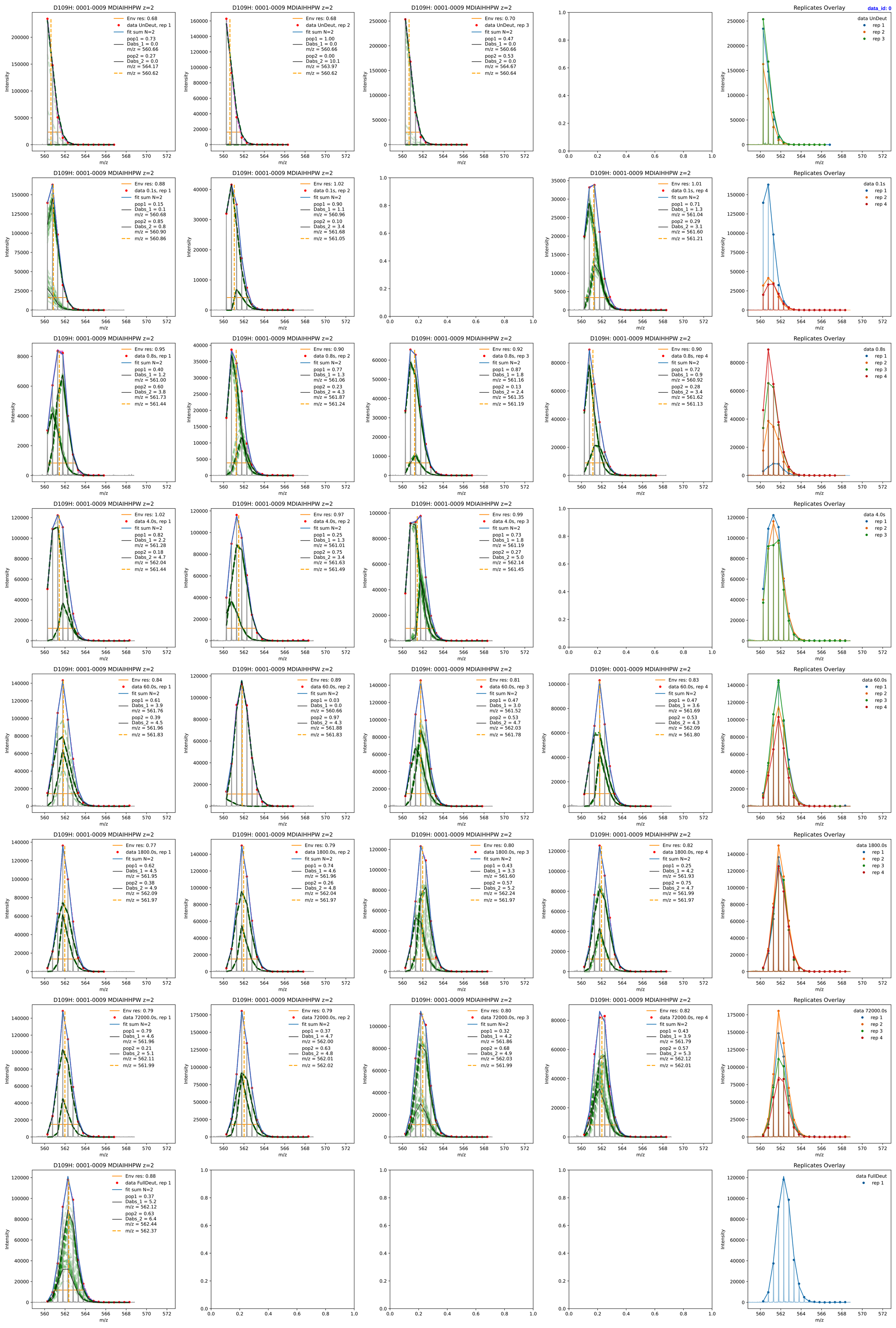
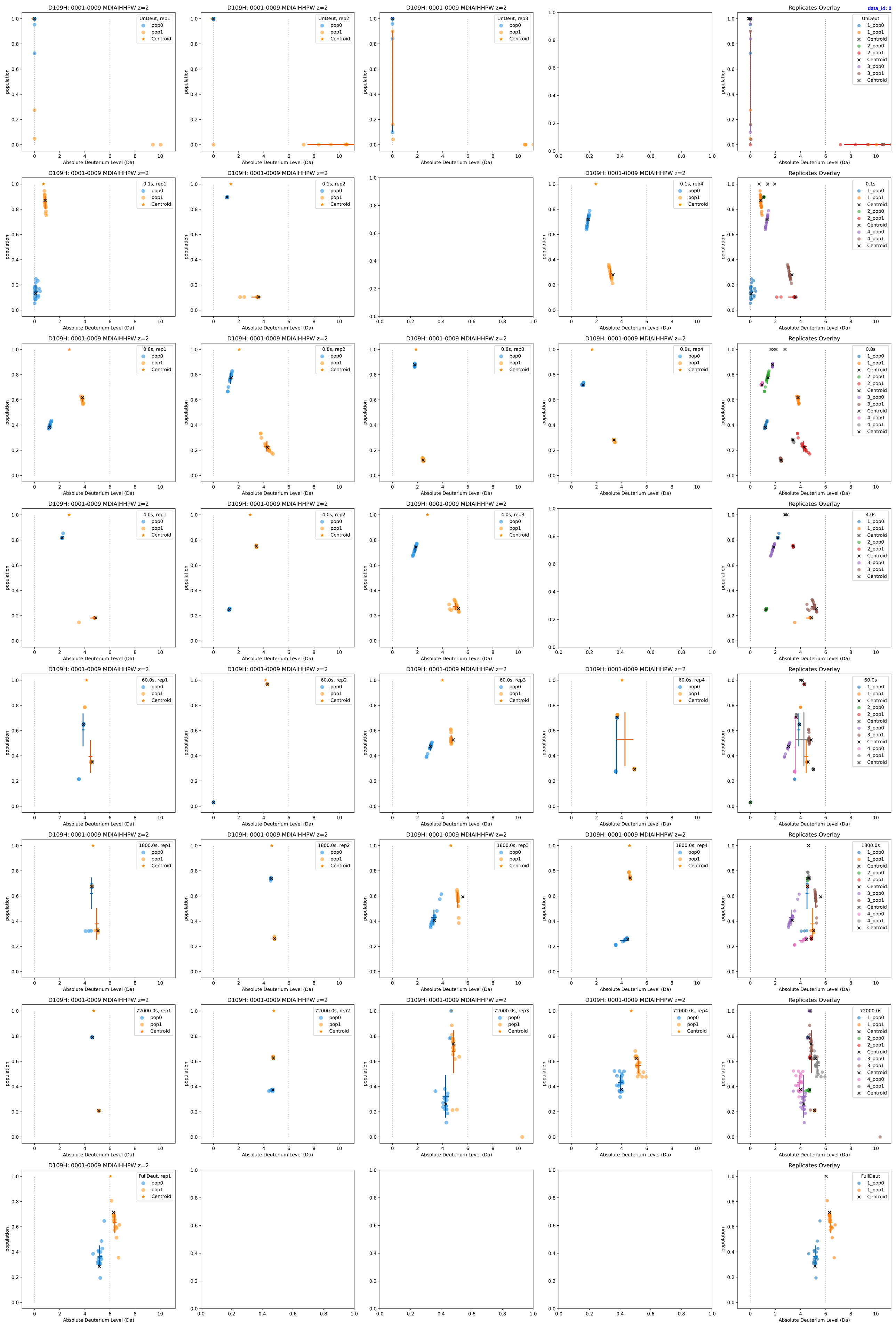
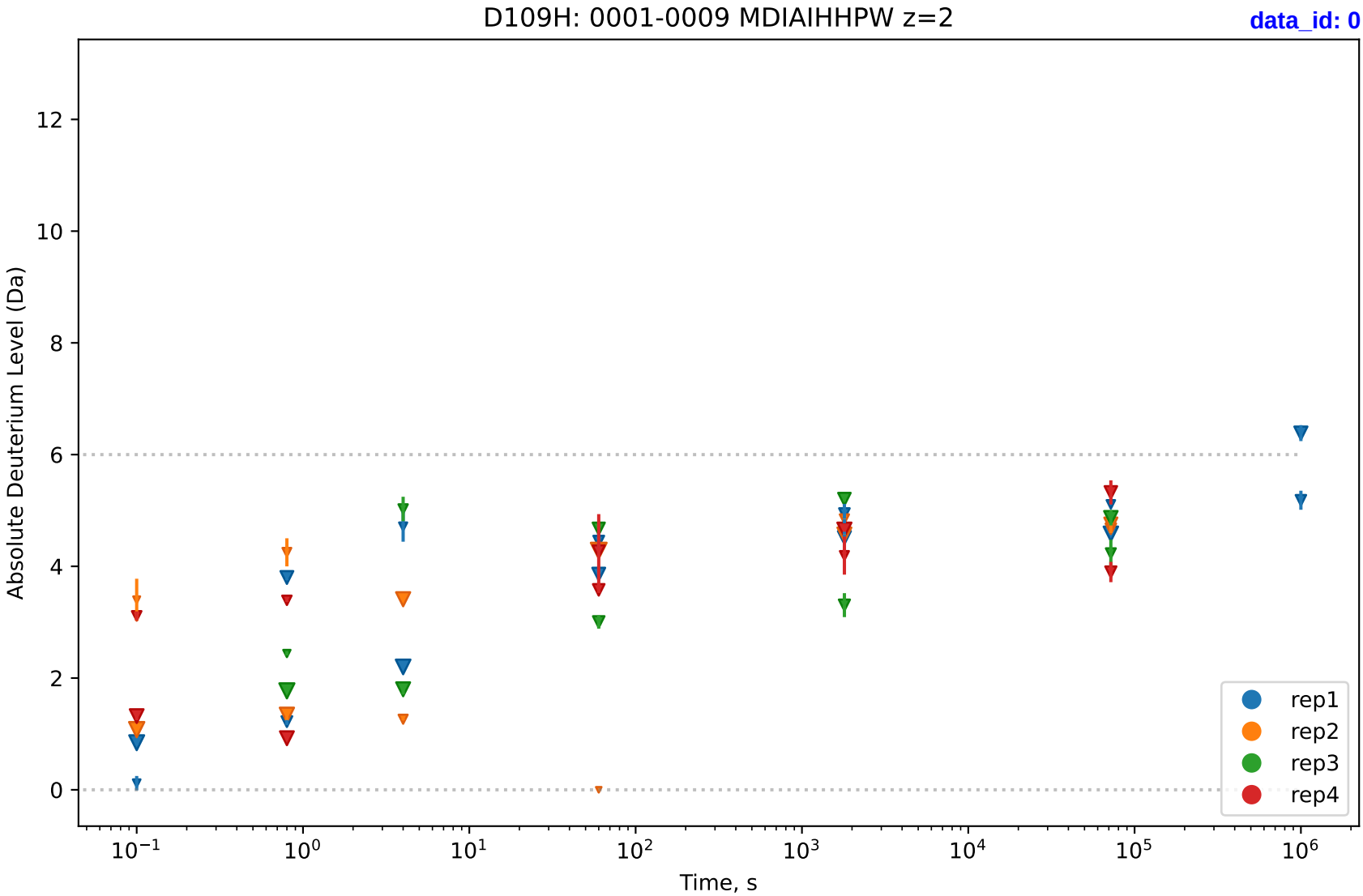
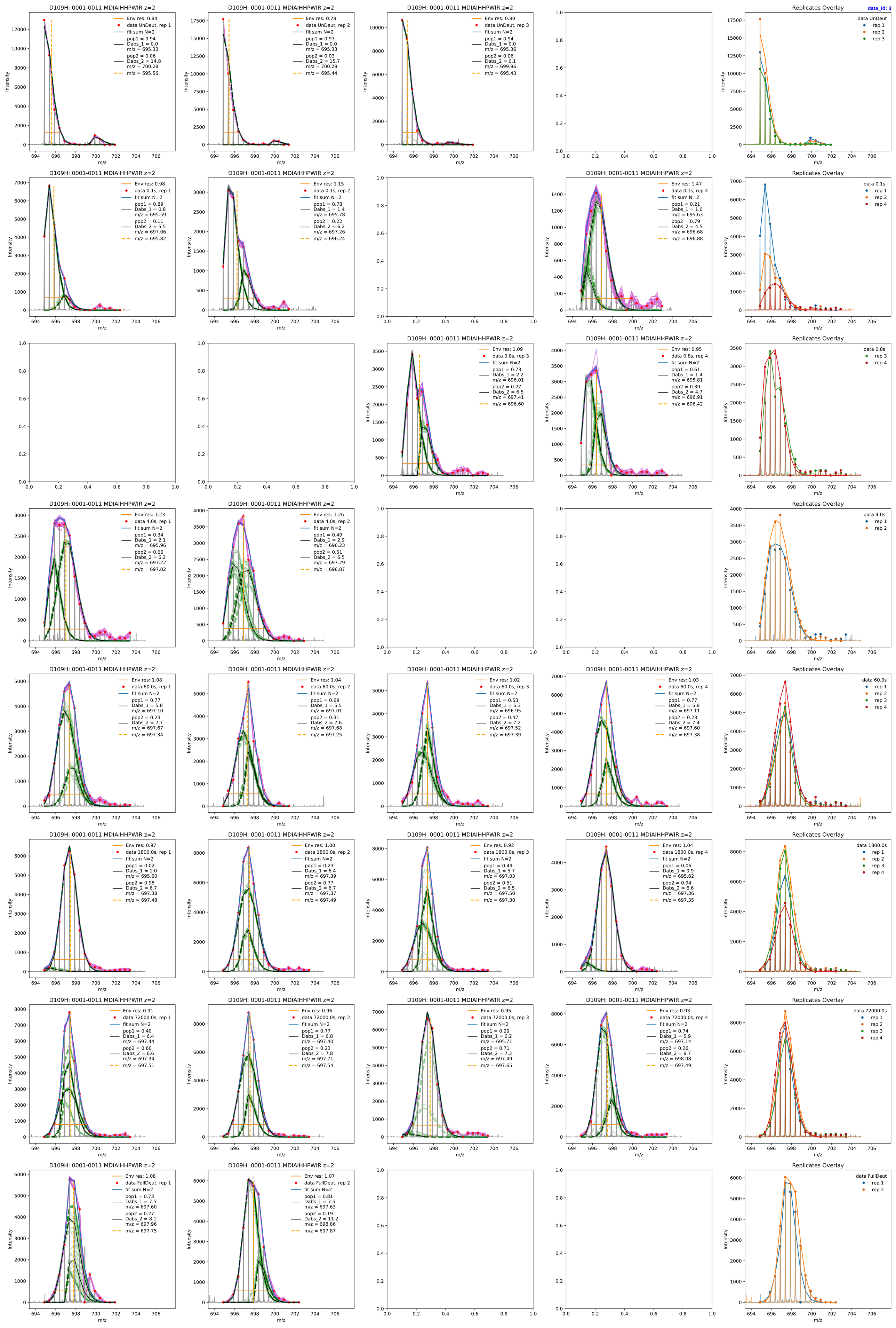
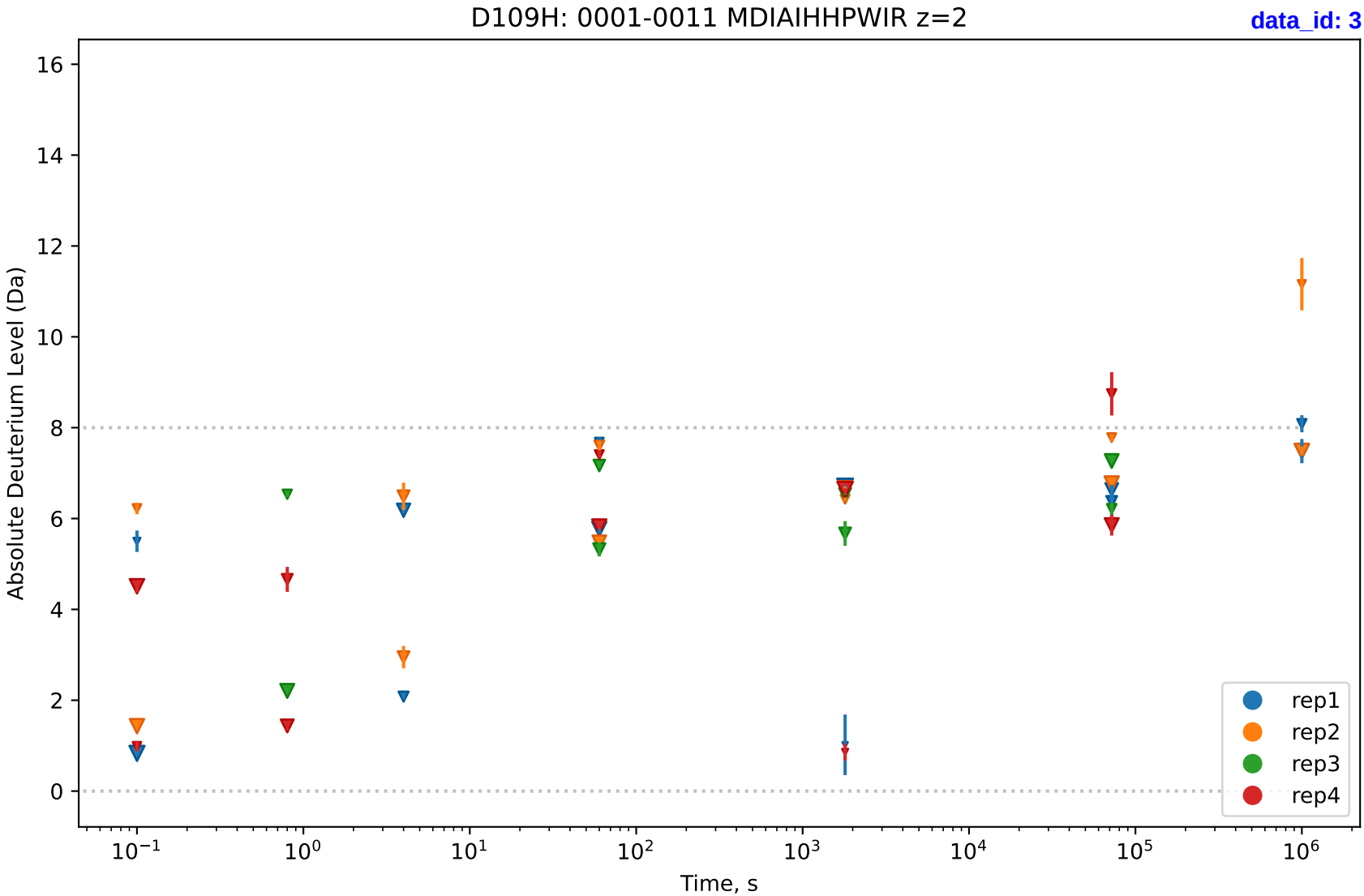

data_id: 0
D109H: 0001-0009 MDIAIHHPW z=2
Env res: 0.68
data UnDeut, rep 1
fit sum N=2
pop1 = 0.73
Dabs_1 = 0.0
m/z = 560.66
pop2 = 0.27
Dabs_2 = 0.0
m/z = 564.17
m/z = 560.62
Env res: 0.68
data UnDeut, rep 2
pop1 = 1.00
Dabs_1 = 0.0
m/z = 560.66
pop2 = 0.00
Dabs_2 = 10.1
m/z = 563.97
m/z = 560.62
Env res: 0.70
data UnDeut, rep 3
pop1 = 0.47
Dabs_1 = 0.0
m/z = 560.66
pop2 = 0.53
Dabs_2 = 0.0
m/z = 564.67
m/z = 560.64
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 0.88
data 0.1s, rep 1
pop1 = 0.15
Dabs_1 = 0.1
m/z = 560.68
pop2 = 0.85
Dabs_2 = 0.8
m/z = 560.90
m/z = 560.86
Env res: 1.02
data 0.1s, rep 2
pop1 = 0.90
Dabs_1 = 1.1
m/z = 560.96
pop2 = 0.10
Dabs_2 = 3.4
m/z = 561.68
m/z = 561.05
Env res: 1.01
data 0.1s, rep 4
pop1 = 0.71
Dabs_1 = 1.3
m/z = 561.04
pop2 = 0.29
Dabs_2 = 3.1
m/z = 561.60
m/z = 561.21
data 0.1s
rep 1
rep 2
rep 4
Env res: 0.95
data 0.8s, rep 1
pop1 = 0.40
Dabs_1 = 1.2
m/z = 561.00
pop2 = 0.60
Dabs_2 = 3.8
m/z = 561.73
m/z = 561.44
Env res: 0.90
data 0.8s, rep 2
pop1 = 0.77
Dabs_1 = 1.3
m/z = 561.06
pop2 = 0.23
Dabs_2 = 4.3
m/z = 561.87
m/z = 561.24
Env res: 0.92
data 0.8s, rep 3
pop1 = 0.87
Dabs_1 = 1.8
m/z = 561.16
pop2 = 0.13
Dabs_2 = 2.4
m/z = 561.35
m/z = 561.19
Env res: 0.90
data 0.8s, rep 4
pop1 = 0.72
Dabs_1 = 0.9
m/z = 560.92
pop2 = 0.28
Dabs_2 = 3.4
m/z = 561.62
m/z = 561.13
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 1.02
data 4.0s, rep 1
pop1 = 0.82
Dabs_1 = 2.2
m/z = 561.28
pop2 = 0.18
Dabs_2 = 4.7
m/z = 562.04
m/z = 561.44
Env res: 0.97
data 4.0s, rep 2
pop1 = 0.25
Dabs_1 = 1.3
m/z = 561.01
pop2 = 0.75
Dabs_2 = 3.4
m/z = 561.63
m/z = 561.49
Env res: 0.99
data 4.0s, rep 3
pop1 = 0.73
Dabs_1 = 1.8
m/z = 561.19
pop2 = 0.27
Dabs_2 = 5.0
m/z = 562.14
m/z = 561.45
data 4.0s
rep 1
rep 2
rep 3
Env res: 0.84
data 60.0s, rep 1
pop1 = 0.61
Dabs_1 = 3.9
m/z = 561.76
pop2 = 0.39
Dabs_2 = 4.5
m/z = 561.96
m/z = 561.83
Env res: 0.89
data 60.0s, rep 2
pop1 = 0.03
Dabs_1 = 0.0
m/z = 560.66
pop2 = 0.97
Dabs_2 = 4.3
m/z = 561.88
m/z = 561.83
Env res: 0.81
data 60.0s, rep 3
pop1 = 0.47
Dabs_1 = 3.0
m/z = 561.52
pop2 = 0.53
Dabs_2 = 4.7
m/z = 562.03
m/z = 561.78
Env res: 0.83
data 60.0s, rep 4
pop1 = 0.47
Dabs_1 = 3.6
m/z = 561.69
pop2 = 0.53
Dabs_2 = 4.3
m/z = 562.09
m/z = 561.80
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 0.77
data 1800.0s, rep 1
pop1 = 0.62
Dabs_1 = 4.5
m/z = 561.95
pop2 = 0.38
Dabs_2 = 4.9
m/z = 562.09
m/z = 561.97
Env res: 0.79
data 1800.0s, rep 2
pop1 = 0.74
Dabs_1 = 4.6
m/z = 561.96
pop2 = 0.26
Dabs_2 = 4.8
m/z = 562.04
m/z = 561.97
Env res: 0.80
data 1800.0s, rep 3
pop1 = 0.43
Dabs_1 = 3.3
m/z = 561.60
pop2 = 0.57
Dabs_2 = 5.2
m/z = 562.24
m/z = 561.97
Env res: 0.82
data 1800.0s, rep 4
pop1 = 0.25
Dabs_1 = 4.2
m/z = 561.93
pop2 = 0.75
Dabs_2 = 4.7
m/z = 561.99
m/z = 561.97
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 0.79
data 72000.0s, rep 1
pop1 = 0.79
Dabs_1 = 4.6
m/z = 561.96
pop2 = 0.21
Dabs_2 = 5.1
m/z = 562.11
m/z = 561.99
Env res: 0.79
data 72000.0s, rep 2
pop1 = 0.37
Dabs_1 = 4.7
m/z = 562.00
pop2 = 0.63
Dabs_2 = 4.8
m/z = 562.01
m/z = 562.02
Env res: 0.80
data 72000.0s, rep 3
pop1 = 0.32
Dabs_1 = 4.2
m/z = 561.86
pop2 = 0.68
Dabs_2 = 4.9
m/z = 562.03
m/z = 561.99
Env res: 0.82
data 72000.0s, rep 4
pop1 = 0.43
Dabs_1 = 3.9
m/z = 561.79
pop2 = 0.57
Dabs_2 = 5.3
m/z = 562.12
m/z = 562.01
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 0.88
data FullDeut, rep 1
pop1 = 0.37
Dabs_1 = 5.2
m/z = 562.12
pop2 = 0.63
Dabs_2 = 6.4
m/z = 562.44
m/z = 562.37
data FullDeut
rep 1
Intensity
m/z

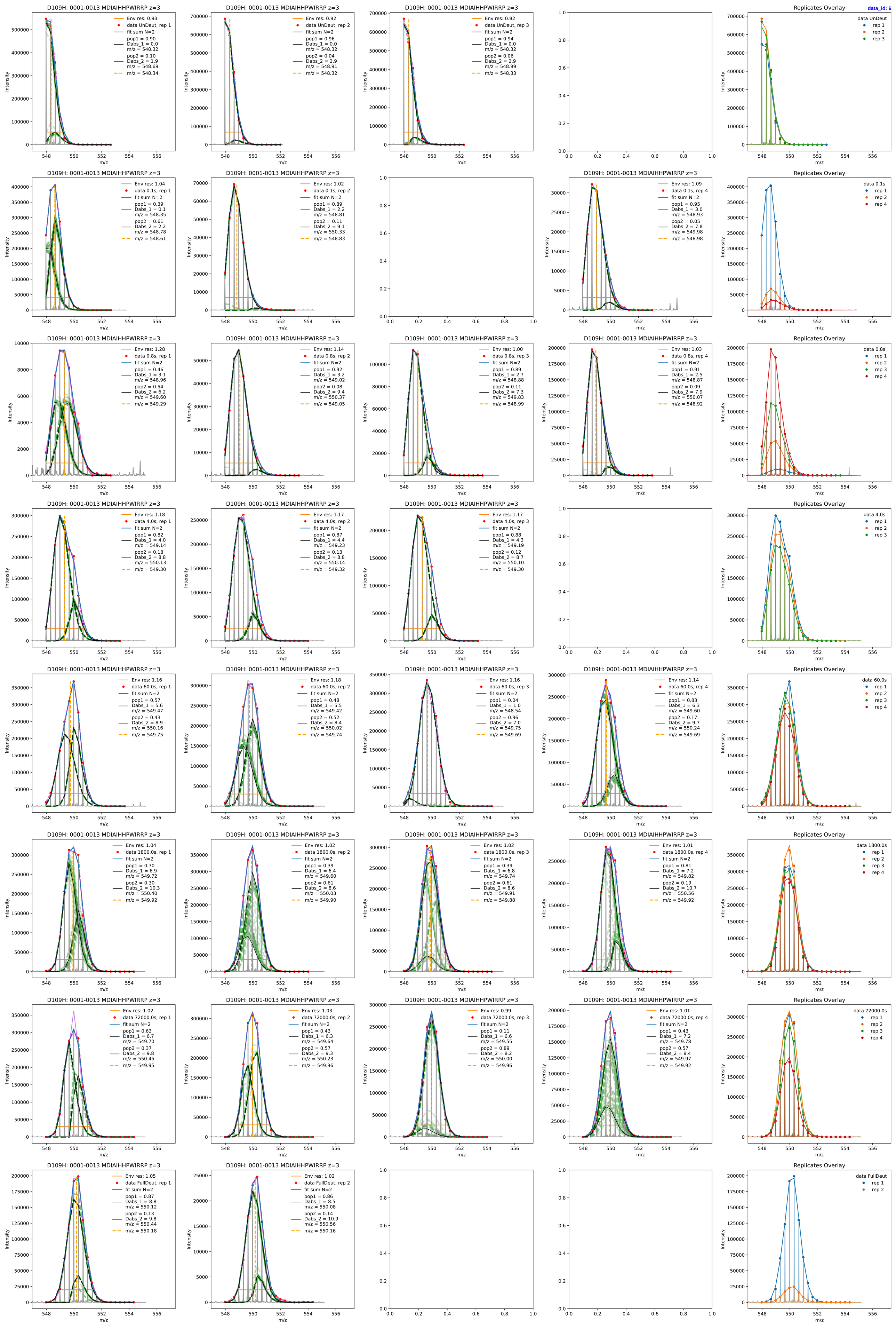

data_id: 0
D109H: 0001-0009 MDIAIHHPW z=2
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
Replicates Overlay
UnDeut
0.1s, rep1
0.1s, rep2
0.1s, rep4
0.1s
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
0.8s
4.0s, rep1
4.0s, rep2
4.0s, rep3
4.0s
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, rep4
60.0s
1800.0s, rep1
1800.0s, rep2
1800.0s, rep3
1800.0s, rep4
1800.0s
72000.0s, rep1
72000.0s, rep2
72000.0s, rep3
72000.0s, rep4
72000.0s
FullDeut, rep1
FullDeut
pop0
pop1
Centroid
1_pop0
1_pop1
2_pop0
2_pop1
3_pop0
3_pop1
4_pop0
4_pop1
population
Absolute Deuterium Level (Da)


D109H: 0001-0009 MDIAIHHPW z=2
data_id: 0
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4

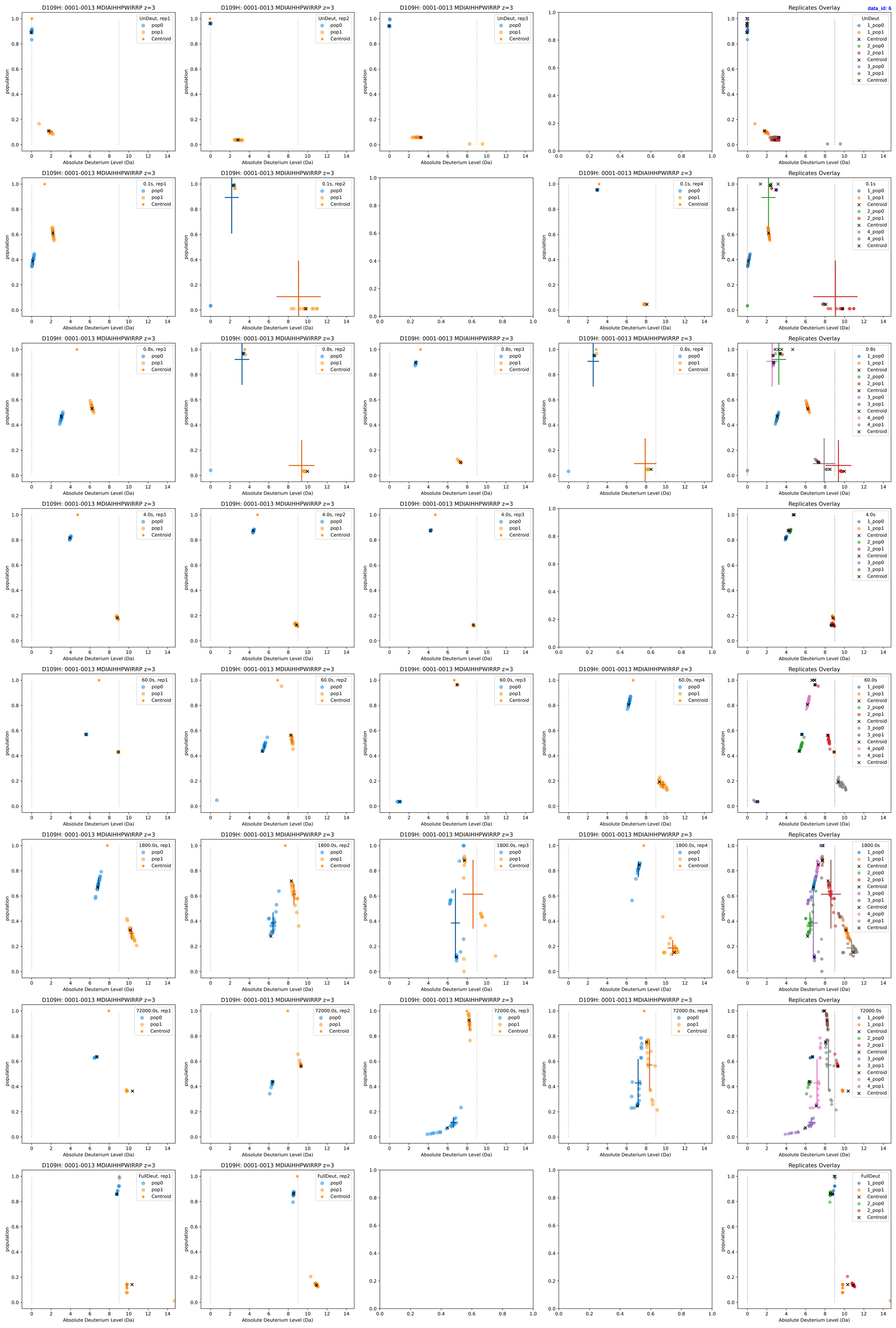

data_id: 3
D109H: 0001-0011 MDIAIHHPWIR z=2
Env res: 0.84
data UnDeut, rep 1
fit sum N=2
pop1 = 0.94
Dabs_1 = 0.0
m/z = 695.33
pop2 = 0.06
Dabs_2 = 14.8
m/z = 700.28
m/z = 695.56
Env res: 0.78
data UnDeut, rep 2
pop1 = 0.97
Dabs_1 = 0.0
m/z = 695.33
pop2 = 0.03
Dabs_2 = 15.7
m/z = 700.29
m/z = 695.44
Env res: 0.80
data UnDeut, rep 3
pop1 = 0.94
Dabs_1 = 0.0
m/z = 695.36
pop2 = 0.06
Dabs_2 = 0.1
m/z = 699.96
m/z = 695.43
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 0.98
data 0.1s, rep 1
pop1 = 0.89
Dabs_1 = 0.8
m/z = 695.59
pop2 = 0.11
Dabs_2 = 5.5
m/z = 697.06
m/z = 695.82
Env res: 1.15
data 0.1s, rep 2
pop1 = 0.78
Dabs_1 = 1.4
m/z = 695.78
pop2 = 0.22
Dabs_2 = 6.2
m/z = 697.26
m/z = 696.24
Env res: 1.47
data 0.1s, rep 4
pop1 = 0.21
Dabs_1 = 1.0
m/z = 695.63
pop2 = 0.79
Dabs_2 = 4.5
m/z = 696.68
m/z = 696.88
data 0.1s
rep 1
rep 2
rep 4
Env res: 1.09
data 0.8s, rep 3
pop1 = 0.73
Dabs_1 = 2.2
m/z = 696.01
pop2 = 0.27
Dabs_2 = 6.5
m/z = 697.41
m/z = 696.60
Env res: 0.95
data 0.8s, rep 4
pop1 = 0.61
Dabs_1 = 1.4
m/z = 695.81
pop2 = 0.39
Dabs_2 = 4.7
m/z = 696.91
m/z = 696.42
data 0.8s
rep 3
rep 4
Env res: 1.23
data 4.0s, rep 1
pop1 = 0.34
Dabs_1 = 2.1
m/z = 695.96
pop2 = 0.66
Dabs_2 = 6.2
m/z = 697.22
m/z = 697.02
Env res: 1.26
data 4.0s, rep 2
pop1 = 0.49
Dabs_1 = 2.9
m/z = 696.23
pop2 = 0.51
Dabs_2 = 6.5
m/z = 697.29
m/z = 696.87
data 4.0s
rep 1
rep 2
Env res: 1.08
data 60.0s, rep 1
pop1 = 0.77
Dabs_1 = 5.8
m/z = 697.10
pop2 = 0.23
Dabs_2 = 7.7
m/z = 697.67
m/z = 697.34
Env res: 1.04
data 60.0s, rep 2
pop1 = 0.69
Dabs_1 = 5.5
m/z = 697.01
pop2 = 0.31
Dabs_2 = 7.6
m/z = 697.68
m/z = 697.25
Env res: 1.02
data 60.0s, rep 3
pop1 = 0.53
Dabs_1 = 5.3
m/z = 696.95
pop2 = 0.47
Dabs_2 = 7.2
m/z = 697.52
m/z = 697.39
Env res: 1.03
data 60.0s, rep 4
pop1 = 0.77
Dabs_1 = 5.8
m/z = 697.11
pop2 = 0.23
Dabs_2 = 7.4
m/z = 697.60
m/z = 697.38
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 0.97
data 1800.0s, rep 1
pop1 = 0.02
Dabs_1 = 1.0
m/z = 695.60
pop2 = 0.98
Dabs_2 = 6.7
m/z = 697.38
m/z = 697.48
Env res: 1.00
data 1800.0s, rep 2
pop1 = 0.23
Dabs_1 = 6.4
m/z = 697.39
pop2 = 0.77
Dabs_2 = 6.7
m/z = 697.37
m/z = 697.49
Env res: 0.92
data 1800.0s, rep 3
pop1 = 0.49
Dabs_1 = 5.7
m/z = 697.03
pop2 = 0.51
Dabs_2 = 6.5
m/z = 697.50
m/z = 697.38
Env res: 1.04
data 1800.0s, rep 4
pop1 = 0.06
Dabs_1 = 0.9
m/z = 695.62
pop2 = 0.94
Dabs_2 = 6.6
m/z = 697.36
m/z = 697.35
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 0.91
data 72000.0s, rep 1
pop1 = 0.40
Dabs_1 = 6.4
m/z = 697.44
pop2 = 0.60
Dabs_2 = 6.6
m/z = 697.34
m/z = 697.51
Env res: 0.96
data 72000.0s, rep 2
pop1 = 0.77
Dabs_1 = 6.8
m/z = 697.40
pop2 = 0.23
Dabs_2 = 7.8
m/z = 697.71
m/z = 697.54
Env res: 0.95
data 72000.0s, rep 3
pop1 = 0.29
Dabs_1 = 6.2
m/z = 695.71
pop2 = 0.71
Dabs_2 = 7.3
m/z = 697.49
m/z = 697.65
Env res: 0.93
data 72000.0s, rep 4
pop1 = 0.74
Dabs_1 = 5.9
m/z = 697.14
pop2 = 0.26
Dabs_2 = 8.7
m/z = 698.08
m/z = 697.49
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.08
data FullDeut, rep 1
pop1 = 0.73
Dabs_1 = 7.5
m/z = 697.60
pop2 = 0.27
Dabs_2 = 8.1
m/z = 697.96
m/z = 697.75
Env res: 1.07
data FullDeut, rep 2
pop1 = 0.81
Dabs_1 = 7.5
m/z = 697.63
pop2 = 0.19
Dabs_2 = 11.2
m/z = 698.86
m/z = 697.87
data FullDeut
rep 1
rep 2
Intensity
m/z

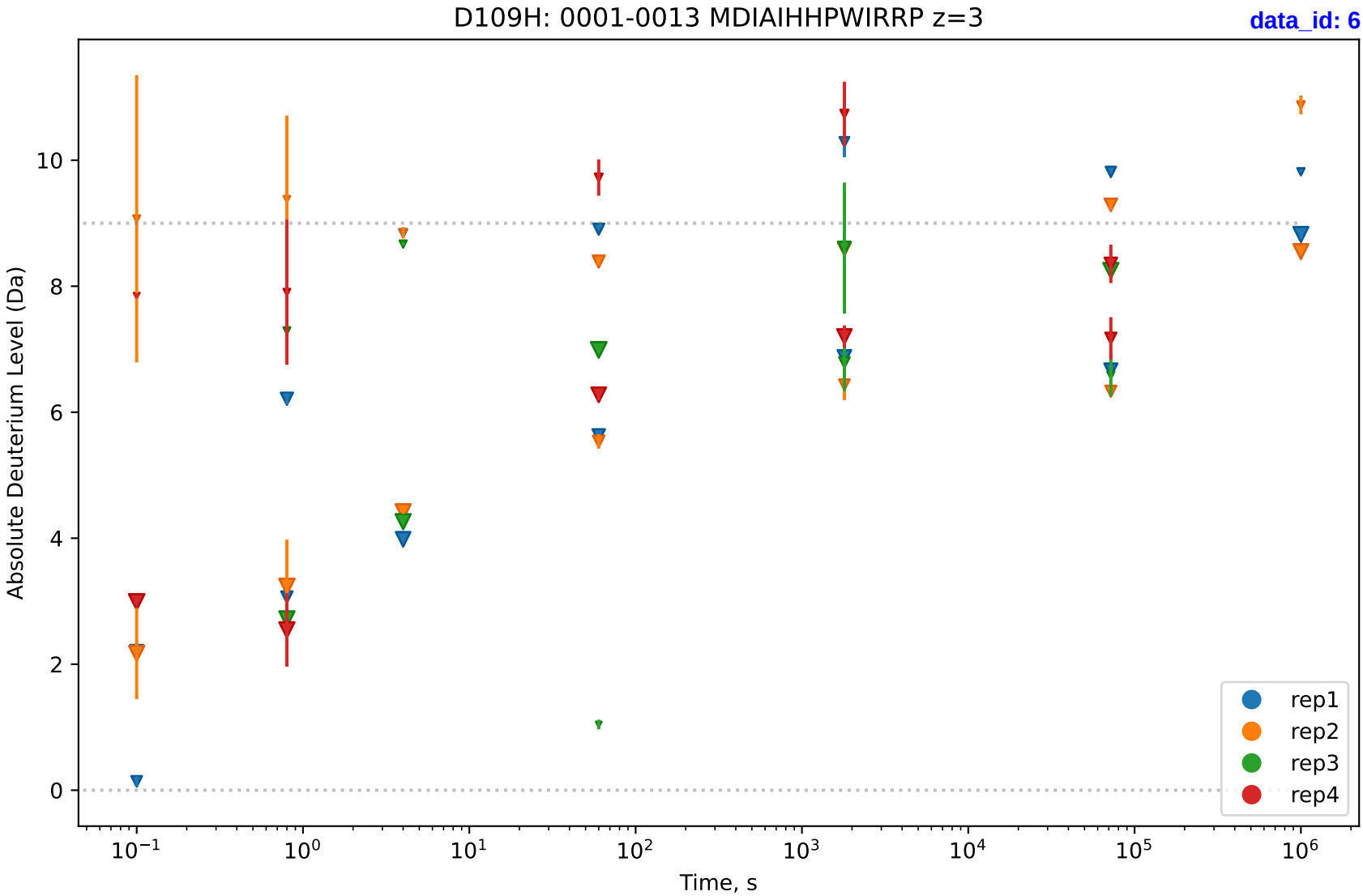
data_id: 3
D109H: 0001-0011 MDIAIHHPWIR z=2
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
0.1s, rep1
0.1s, rep2
0.1s, rep4
0.8s, rep3
0.8s, rep4
4.0s, rep1
4.0s, rep2
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, rep4
1800.0s, rep1
1800.0s, rep2
1800.0s, rep3
1800.0s, rep4
72000.0s, rep1
72000.0s, rep2
72000.0s, rep3
72000.0s, rep4
FullDeut, rep1
FullDeut, rep2
pop0
pop1
Centroid
Replicates Overlay
UnDeut
0.1s
0.8s
4.0s
60.0s
1800.0s
72000.0s
FullDeut
population
Absolute Deuterium Level (Da)

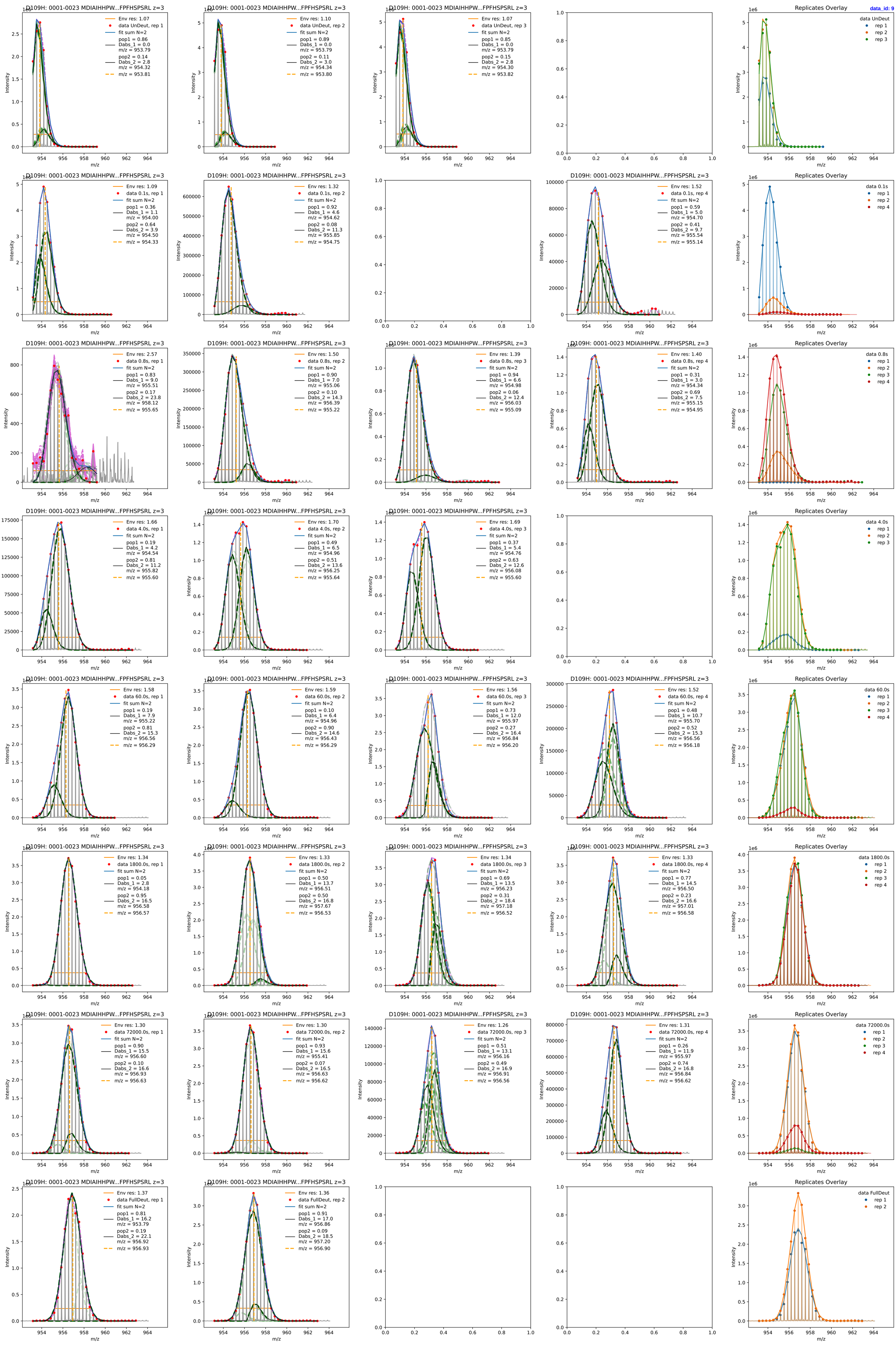

D109H: 0001-0011 MDIAIHHPWIR z=2
data_id: 3
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4


data_id: 6
D109H: 0001-0013 MDIAIHHPWIRRP z=3
Env res: 0.93
data UnDeut, rep 1
fit sum N=2
pop1 = 0.90
Dabs_1 = 0.0
m/z = 548.32
pop2 = 0.10
Dabs_2 = 1.9
m/z = 548.69
m/z = 548.34
Env res: 0.92
data UnDeut, rep 2
fit sum N=2
pop1 = 0.96
Dabs_1 = 0.0
m/z = 548.32
pop2 = 0.04
Dabs_2 = 2.9
m/z = 548.91
m/z = 548.32
Env res: 0.92
data UnDeut, rep 3
fit sum N=2
pop1 = 0.94
Dabs_1 = 0.0
m/z = 548.32
pop2 = 0.06
Dabs_2 = 2.9
m/z = 548.99
m/z = 548.33
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 1.04
data 0.1s, rep 1
fit sum N=2
pop1 = 0.39
Dabs_1 = 0.1
m/z = 548.35
pop2 = 0.61
Dabs_2 = 2.2
m/z = 548.78
m/z = 548.61
Env res: 1.02
data 0.1s, rep 2
fit sum N=2
pop1 = 0.89
Dabs_1 = 2.2
m/z = 548.81
pop2 = 0.11
Dabs_2 = 9.1
m/z = 550.33
m/z = 548.83
Env res: 1.09
data 0.1s, rep 4
fit sum N=2
pop1 = 0.95
Dabs_1 = 3.0
m/z = 548.93
pop2 = 0.05
Dabs_2 = 7.8
m/z = 549.98
m/z = 548.98
Replicates Overlay
data 0.1s
rep 1
rep 2
rep 4
Env res: 1.28
data 0.8s, rep 1
fit sum N=2
pop1 = 0.46
Dabs_1 = 3.1
m/z = 548.96
pop2 = 0.54
Dabs_2 = 6.2
m/z = 549.60
m/z = 549.29
Env res: 1.14
data 0.8s, rep 2
fit sum N=2
pop1 = 0.92
Dabs_1 = 3.2
m/z = 549.02
pop2 = 0.08
Dabs_2 = 9.4
m/z = 550.37
m/z = 549.05
Env res: 1.00
data 0.8s, rep 3
fit sum N=2
pop1 = 0.89
Dabs_1 = 2.7
m/z = 548.88
pop2 = 0.11
Dabs_2 = 7.3
m/z = 549.83
m/z = 548.99
Env res: 1.03
data 0.8s, rep 4
fit sum N=2
pop1 = 0.91
Dabs_1 = 2.5
m/z = 548.87
pop2 = 0.09
Dabs_2 = 7.9
m/z = 550.07
m/z = 548.92
Replicates Overlay
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 1.18
data 4.0s, rep 1
fit sum N=2
pop1 = 0.82
Dabs_1 = 4.0
m/z = 549.14
pop2 = 0.18
Dabs_2 = 8.8
m/z = 550.13
m/z = 549.30
Env res: 1.17
data 4.0s, rep 2
fit sum N=2
pop1 = 0.87
Dabs_1 = 4.4
m/z = 549.23
pop2 = 0.13
Dabs_2 = 8.8
m/z = 550.14
m/z = 549.32
Env res: 1.17
data 4.0s, rep 3
fit sum N=2
pop1 = 0.88
Dabs_1 = 4.3
m/z = 549.19
pop2 = 0.12
Dabs_2 = 8.7
m/z = 550.10
m/z = 549.30
Replicates Overlay
data 4.0s
rep 1
rep 2
rep 3
Env res: 1.16
data 60.0s, rep 1
fit sum N=2
pop1 = 0.57
Dabs_1 = 5.6
m/z = 549.47
pop2 = 0.43
Dabs_2 = 8.9
m/z = 550.16
m/z = 549.75
Env res: 1.18
data 60.0s, rep 2
fit sum N=2
pop1 = 0.48
Dabs_1 = 5.5
m/z = 549.42
pop2 = 0.52
Dabs_2 = 8.4
m/z = 550.02
m/z = 549.74
Env res: 1.16
data 60.0s, rep 3
fit sum N=2
pop1 = 0.04
Dabs_1 = 1.0
m/z = 548.54
pop2 = 0.96
Dabs_2 = 7.0
m/z = 549.75
m/z = 549.69
Env res: 1.14
data 60.0s, rep 4
fit sum N=2
pop1 = 0.83
Dabs_1 = 6.3
m/z = 549.60
pop2 = 0.17
Dabs_2 = 9.7
m/z = 550.24
m/z = 549.69
Replicates Overlay
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.04
data 1800.0s, rep 1
fit sum N=2
pop1 = 0.70
Dabs_1 = 6.9
m/z = 549.72
pop2 = 0.30
Dabs_2 = 10.3
m/z = 550.40
m/z = 549.92
Env res: 1.02
data 1800.0s, rep 2
fit sum N=2
pop1 = 0.39
Dabs_1 = 6.4
m/z = 549.60
pop2 = 0.61
Dabs_2 = 8.6
m/z = 550.03
m/z = 549.90
Env res: 1.02
data 1800.0s, rep 3
fit sum N=2
pop1 = 0.39
Dabs_1 = 6.8
m/z = 549.74
pop2 = 0.61
Dabs_2 = 8.6
m/z = 549.91
m/z = 549.88
Env res: 1.01
data 1800.0s, rep 4
fit sum N=2
pop1 = 0.81
Dabs_1 = 7.2
m/z = 549.82
pop2 = 0.19
Dabs_2 = 10.7
m/z = 550.56
m/z = 549.92
Replicates Overlay
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.02
data 72000.0s, rep 1
fit sum N=2
pop1 = 0.63
Dabs_1 = 6.7
m/z = 549.70
pop2 = 0.37
Dabs_2 = 9.8
m/z = 550.45
m/z = 549.95
Env res: 1.03
data 72000.0s, rep 2
fit sum N=2
pop1 = 0.43
Dabs_1 = 6.3
m/z = 549.64
pop2 = 0.57
Dabs_2 = 9.3
m/z = 550.23
m/z = 549.96
Env res: 0.99
data 72000.0s, rep 3
fit sum N=2
pop1 = 0.11
Dabs_1 = 6.6
m/z = 549.55
pop2 = 0.89
Dabs_2 = 8.2
m/z = 550.00
m/z = 549.96
Env res: 1.01
data 72000.0s, rep 4
fit sum N=2
pop1 = 0.43
Dabs_1 = 7.2
m/z = 549.78
pop2 = 0.57
Dabs_2 = 8.4
m/z = 549.97
m/z = 549.92
Replicates Overlay
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.05
data FullDeut, rep 1
fit sum N=2
pop1 = 0.87
Dabs_1 = 8.8
m/z = 550.12
pop2 = 0.13
Dabs_2 = 9.8
m/z = 550.44
m/z = 550.18
Env res: 1.02
data FullDeut, rep 2
fit sum N=2
pop1 = 0.86
Dabs_1 = 8.5
m/z = 550.08
pop2 = 0.14
Dabs_2 = 10.9
m/z = 550.56
m/z = 550.16
Replicates Overlay
data FullDeut
rep 1
rep 2
Intensity
m/z

data_id: 6

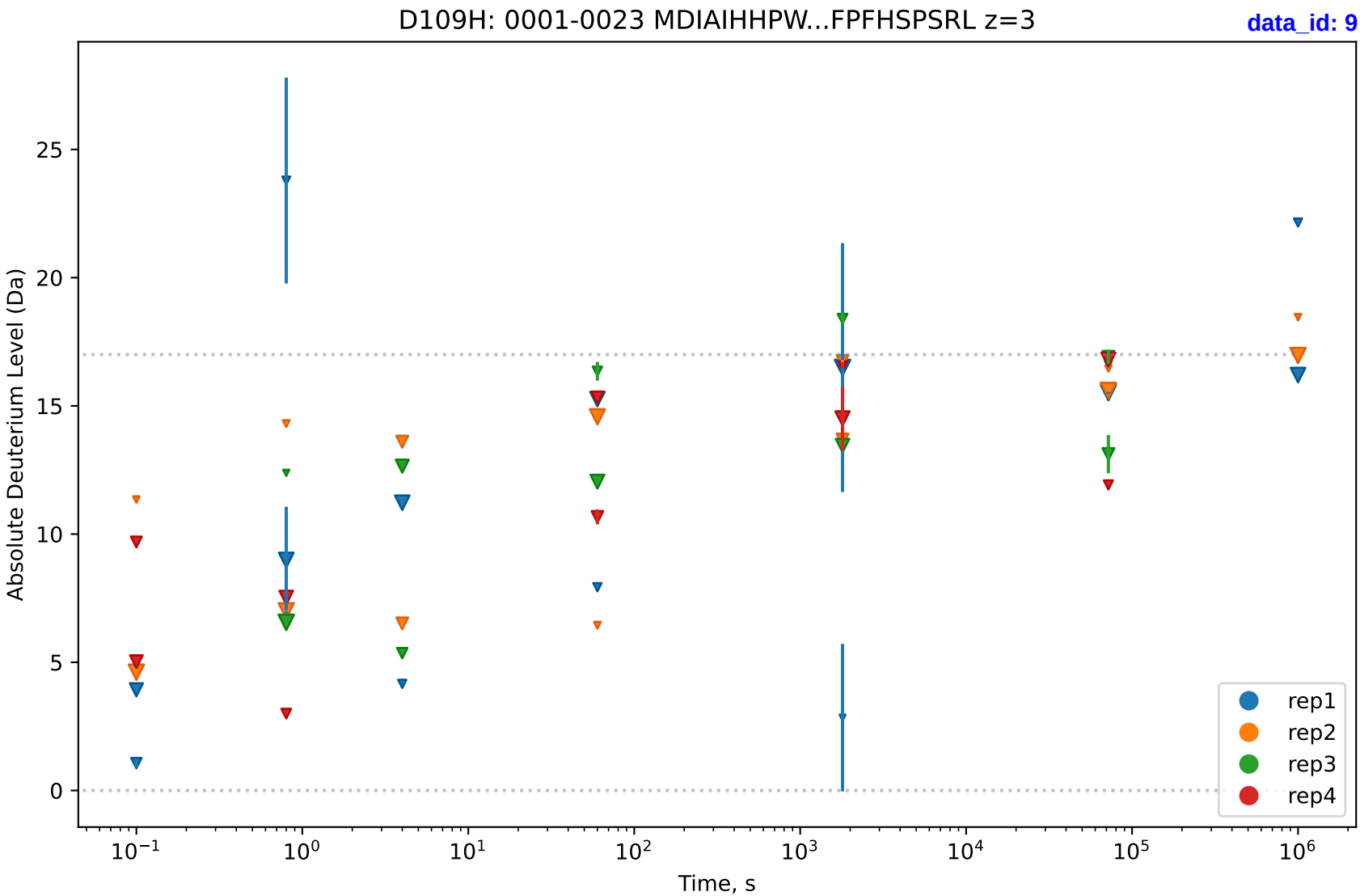

D109H: 0001-0013 MDIAIHHPWIRRP z=3
Replicates Overlay
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
UnDeut
0.1s, rep1
0.1s, rep2
0.1s, rep4
0.1s
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
0.8s
4.0s, rep1
4.0s, rep2
4.0s, rep3
4.0s
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, rep4
60.0s
1800.0s, rep1
1800.0s, rep2
1800.0s, rep3
1800.0s, rep4
1800.0s
72000.0s, rep1
72000.0s, rep2
72000.0s, rep3
72000.0s, rep4
72000.0s
FullDeut, rep1
FullDeut, rep2
FullDeut
pop0
pop1
Centroid
1_pop0
1_pop1
2_pop0
2_pop1
3_pop0
3_pop1
4_pop0
4_pop1
population
Absolute Deuterium Level (Da)

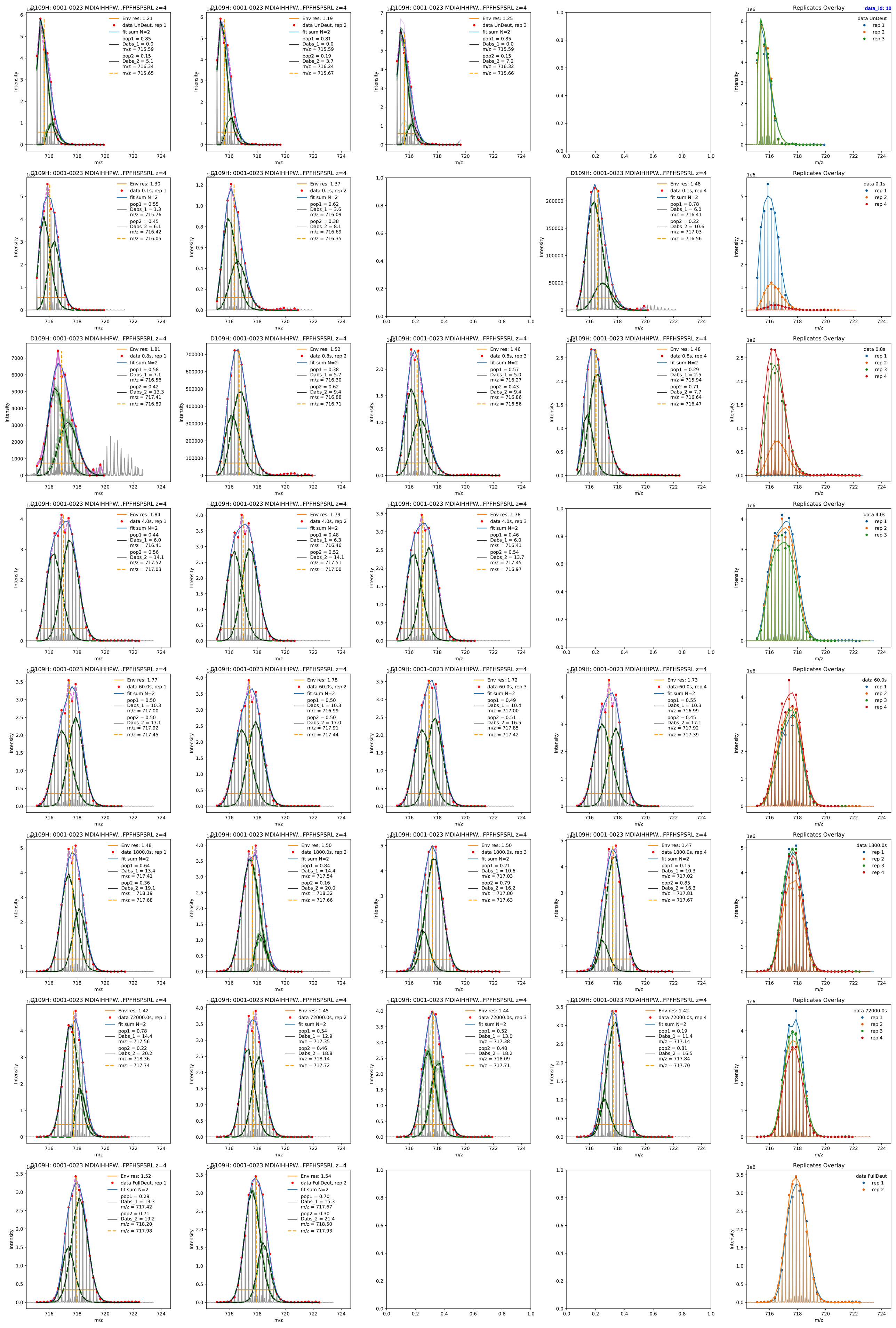

D109H: 0001-0013 MDIAIHHPWIRRP z=3
data_id: 6
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4


data_id: 9
D109H: 0001-0023 MDIAIHHPW...FPFHSPSRL z=3
Env res: 1.07
data UnDeut, rep 1
fit sum N=2
pop1 = 0.86
Dabs_1 = 0.0
m/z = 953.79
pop2 = 0.14
Dabs_2 = 2.8
m/z = 954.32
m/z = 953.81
Env res: 1.10
data UnDeut, rep 2
fit sum N=2
pop1 = 0.89
Dabs_1 = 0.0
m/z = 953.79
pop2 = 0.11
Dabs_2 = 3.0
m/z = 954.34
m/z = 953.80
Env res: 1.07
data UnDeut, rep 3
fit sum N=2
pop1 = 0.85
Dabs_1 = 0.0
m/z = 953.79
pop2 = 0.15
Dabs_2 = 2.8
m/z = 954.30
m/z = 953.82
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 1.09
data 0.1s, rep 1
fit sum N=2
pop1 = 0.36
Dabs_1 = 1.1
m/z = 954.00
pop2 = 0.64
Dabs_2 = 3.9
m/z = 954.50
m/z = 954.33
Env res: 1.32
data 0.1s, rep 2
fit sum N=2
pop1 = 0.92
Dabs_1 = 4.6
m/z = 954.62
pop2 = 0.08
Dabs_2 = 11.3
m/z = 955.85
m/z = 954.75
Env res: 1.52
data 0.1s, rep 4
fit sum N=2
pop1 = 0.59
Dabs_1 = 5.0
m/z = 954.70
pop2 = 0.41
Dabs_2 = 9.7
m/z = 955.54
m/z = 955.14
Replicates Overlay
data 0.1s
rep 1
rep 2
rep 4
Env res: 2.57
data 0.8s, rep 1
fit sum N=2
pop1 = 0.83
Dabs_1 = 9.0
m/z = 955.51
pop2 = 0.17
Dabs_2 = 23.8
m/z = 958.12
m/z = 955.65
Env res: 1.50
data 0.8s, rep 2
fit sum N=2
pop1 = 0.90
Dabs_1 = 7.0
m/z = 955.06
pop2 = 0.10
Dabs_2 = 14.3
m/z = 956.39
m/z = 955.22
Env res: 1.39
data 0.8s, rep 3
fit sum N=2
pop1 = 0.94
Dabs_1 = 6.6
m/z = 954.98
pop2 = 0.06
Dabs_2 = 12.4
m/z = 956.03
m/z = 955.09
Env res: 1.40
data 0.8s, rep 4
fit sum N=2
pop1 = 0.31
Dabs_1 = 3.0
m/z = 954.34
pop2 = 0.69
Dabs_2 = 7.5
m/z = 955.15
m/z = 954.95
Replicates Overlay
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 1.66
data 4.0s, rep 1
fit sum N=2
pop1 = 0.19
Dabs_1 = 4.2
m/z = 954.54
pop2 = 0.81
Dabs_2 = 11.2
m/z = 955.82
m/z = 955.60
Env res: 1.70
data 4.0s, rep 2
fit sum N=2
pop1 = 0.49
Dabs_1 = 6.5
m/z = 954.96
pop2 = 0.51
Dabs_2 = 13.6
m/z = 956.25
m/z = 955.64
Env res: 1.69
data 4.0s, rep 3
fit sum N=2
pop1 = 0.37
Dabs_1 = 5.4
m/z = 954.76
pop2 = 0.63
Dabs_2 = 12.6
m/z = 956.08
m/z = 955.60
Replicates Overlay
data 4.0s
rep 1
rep 2
rep 3
Env res: 1.58
data 60.0s, rep 1
fit sum N=2
pop1 = 0.19
Dabs_1 = 7.9
m/z = 955.22
pop2 = 0.81
Dabs_2 = 15.3
m/z = 956.56
m/z = 956.29
Env res: 1.59
data 60.0s, rep 2
fit sum N=2
pop1 = 0.10
Dabs_1 = 6.4
m/z = 954.96
pop2 = 0.90
Dabs_2 = 14.6
m/z = 956.43
m/z = 956.29
Env res: 1.56
data 60.0s, rep 3
fit sum N=2
pop1 = 0.73
Dabs_1 = 12.0
m/z = 955.97
pop2 = 0.27
Dabs_2 = 16.4
m/z = 956.84
m/z = 956.20
Env res: 1.52
data 60.0s, rep 4
fit sum N=2
pop1 = 0.48
Dabs_1 = 10.7
m/z = 955.70
pop2 = 0.52
Dabs_2 = 15.3
m/z = 956.56
m/z = 956.18
Replicates Overlay
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.34
data 1800.0s, rep 1
fit sum N=2
pop1 = 0.05
Dabs_1 = 2.8
m/z = 954.18
pop2 = 0.95
Dabs_2 = 16.5
m/z = 956.58
m/z = 956.57
Env res: 1.33
data 1800.0s, rep 2
fit sum N=2
pop1 = 0.50
Dabs_1 = 13.7
m/z = 956.51
pop2 = 0.50
Dabs_2 = 16.8
m/z = 957.67
m/z = 956.53
Env res: 1.34
data 1800.0s, rep 3
fit sum N=2
pop1 = 0.69
Dabs_1 = 13.5
m/z = 956.23
pop2 = 0.31
Dabs_2 = 18.4
m/z = 957.18
m/z = 956.52
Env res: 1.33
data 1800.0s, rep 4
fit sum N=2
pop1 = 0.77
Dabs_1 = 14.5
m/z = 956.50
pop2 = 0.23
Dabs_2 = 16.6
m/z = 957.01
m/z = 956.58
Replicates Overlay
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.30
data 72000.0s, rep 1
fit sum N=2
pop1 = 0.90
Dabs_1 = 15.5
m/z = 956.60
pop2 = 0.10
Dabs_2 = 16.6
m/z = 956.93
m/z = 956.63
Env res: 1.30
data 72000.0s, rep 2
fit sum N=2
pop1 = 0.93
Dabs_1 = 15.6
m/z = 955.41
pop2 = 0.07
Dabs_2 = 16.5
m/z = 956.63
m/z = 956.62
Env res: 1.26
data 72000.0s, rep 3
fit sum N=2
pop1 = 0.51
Dabs_1 = 13.1
m/z = 956.16
pop2 = 0.49
Dabs_2 = 16.9
m/z = 956.91
m/z = 956.56
Env res: 1.31
data 72000.0s, rep 4
fit sum N=2
pop1 = 0.26
Dabs_1 = 11.9
m/z = 955.97
pop2 = 0.74
Dabs_2 = 16.8
m/z = 956.84
m/z = 956.62
Replicates Overlay
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.37
data FullDeut, rep 1
fit sum N=2
pop1 = 0.81
Dabs_1 = 16.2
m/z = 953.79
pop2 = 0.19
Dabs_2 = 22.1
m/z = 956.92
m/z = 956.93
Env res: 1.36
data FullDeut, rep 2
fit sum N=2
pop1 = 0.91
Dabs_1 = 17.0
m/z = 956.86
pop2 = 0.09
Dabs_2 = 18.5
m/z = 957.20
m/z = 956.90
Replicates Overlay
data FullDeut
rep 1
rep 2
Intensity
m/z

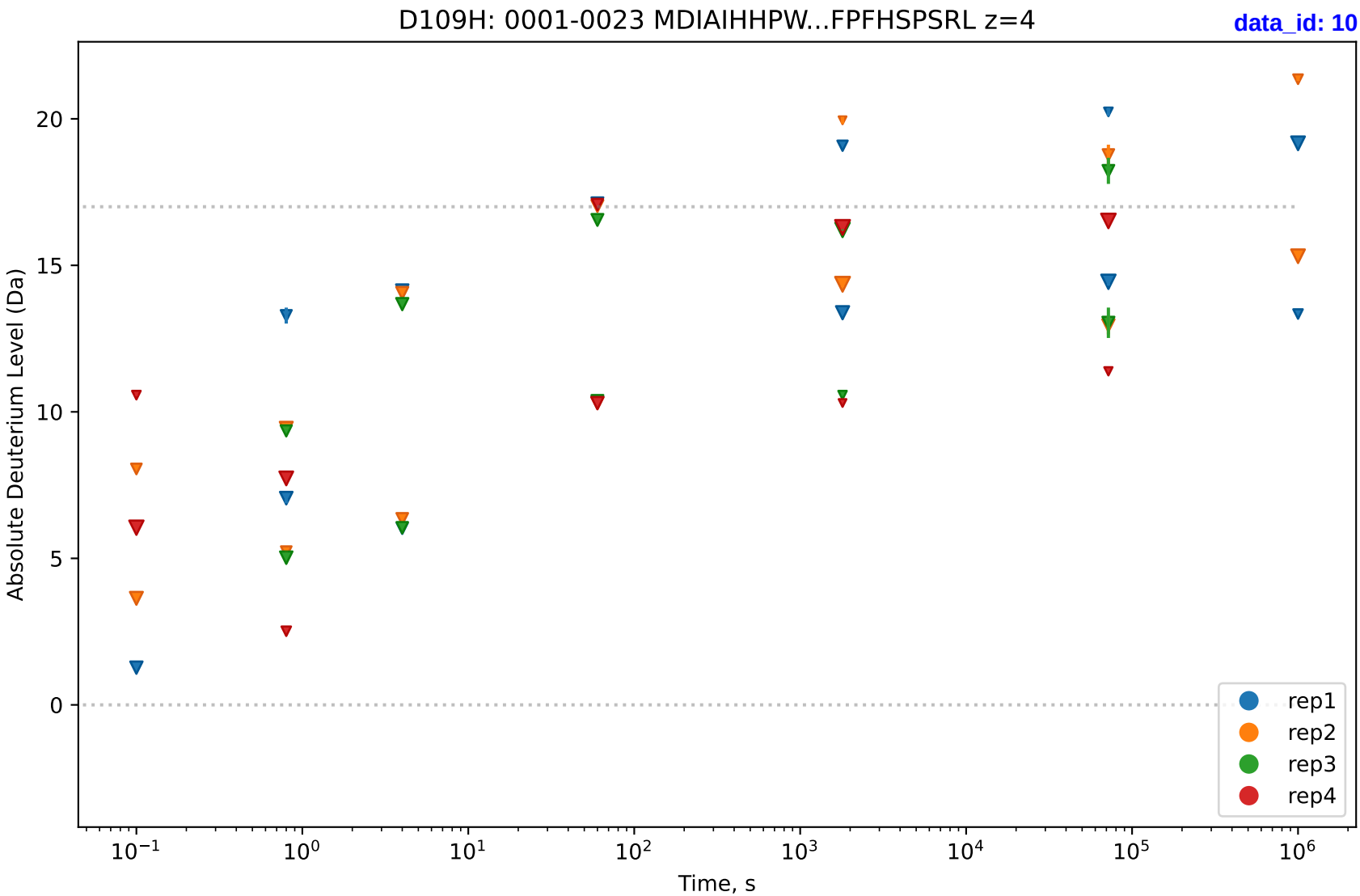
data_id: 9

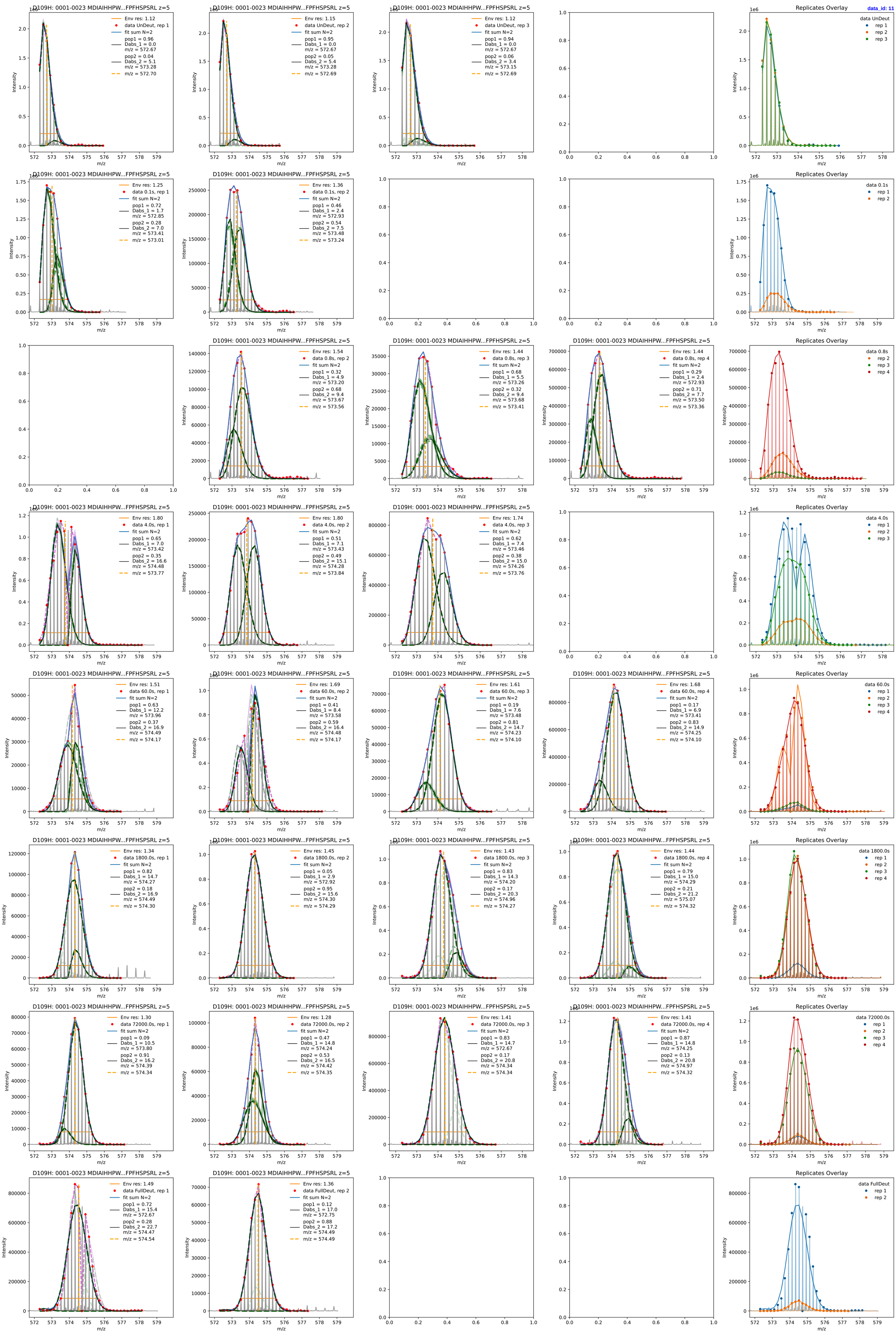
D109H: 0001-0023 MDIAIHHPW...FPFHSPSRL z=3
Replicates Overlay
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
UnDeut
0.1s, rep1
0.1s, rep2
0.1s, rep4
0.1s
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
0.8s
4.0s, rep1
4.0s, rep2
4.0s, rep3
4.0s
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, rep4
60.0s
1800.0s, rep1
1800.0s, rep2
1800.0s, rep3
1800.0s, rep4
1800.0s
72000.0s, rep1
72000.0s, rep2
72000.0s, rep3
72000.0s, rep4
72000.0s
FullDeut, rep1
FullDeut, rep2
FullDeut
pop0
pop1
Centroid
1_pop0
1_pop1
2_pop0
2_pop1
3_pop0
3_pop1
4_pop0
4_pop1
population
Absolute Deuterium Level (Da)

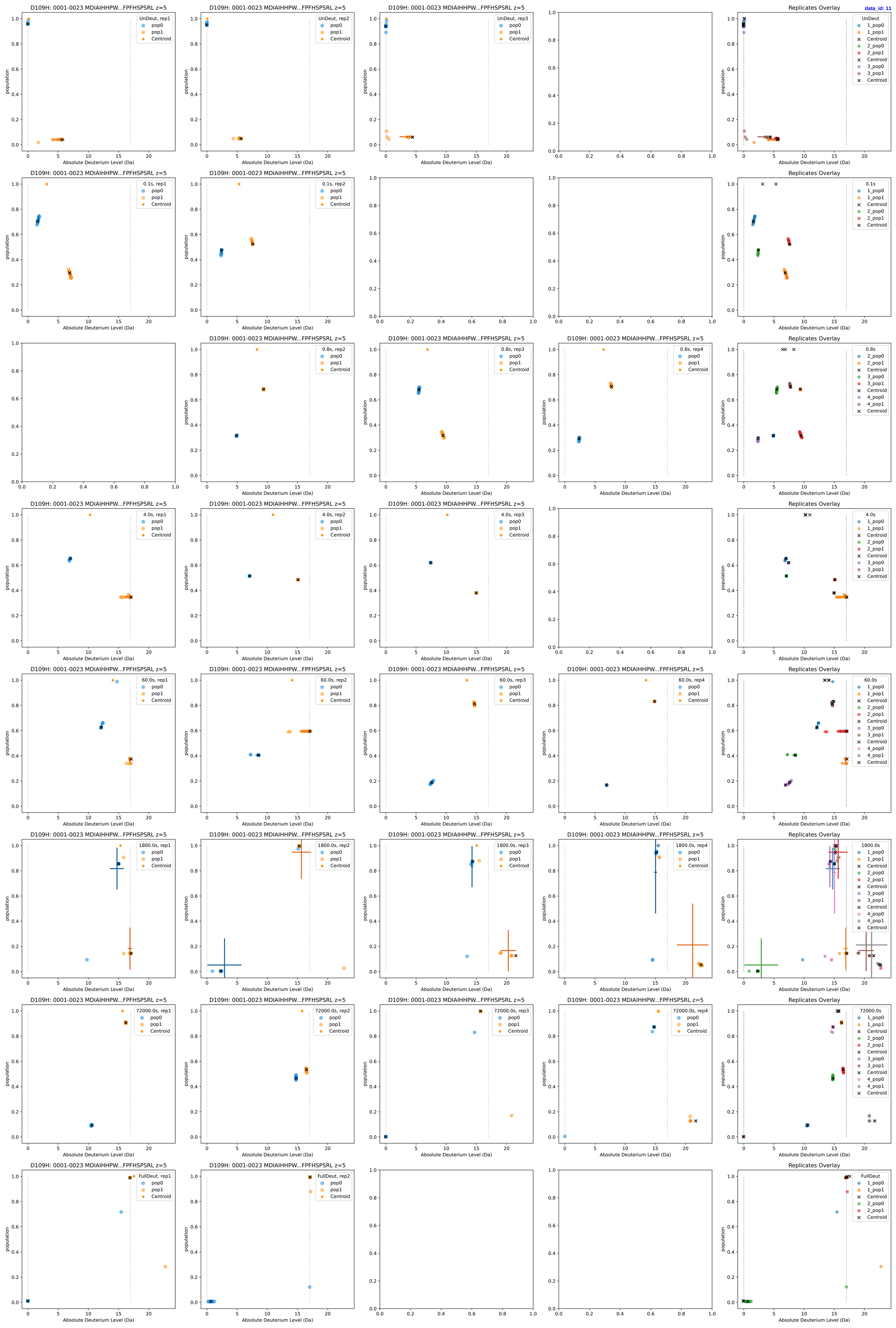

D109H: 0001-0023 MDIAIHHPW...FPFHSPSRL z=3
data_id: 9
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4

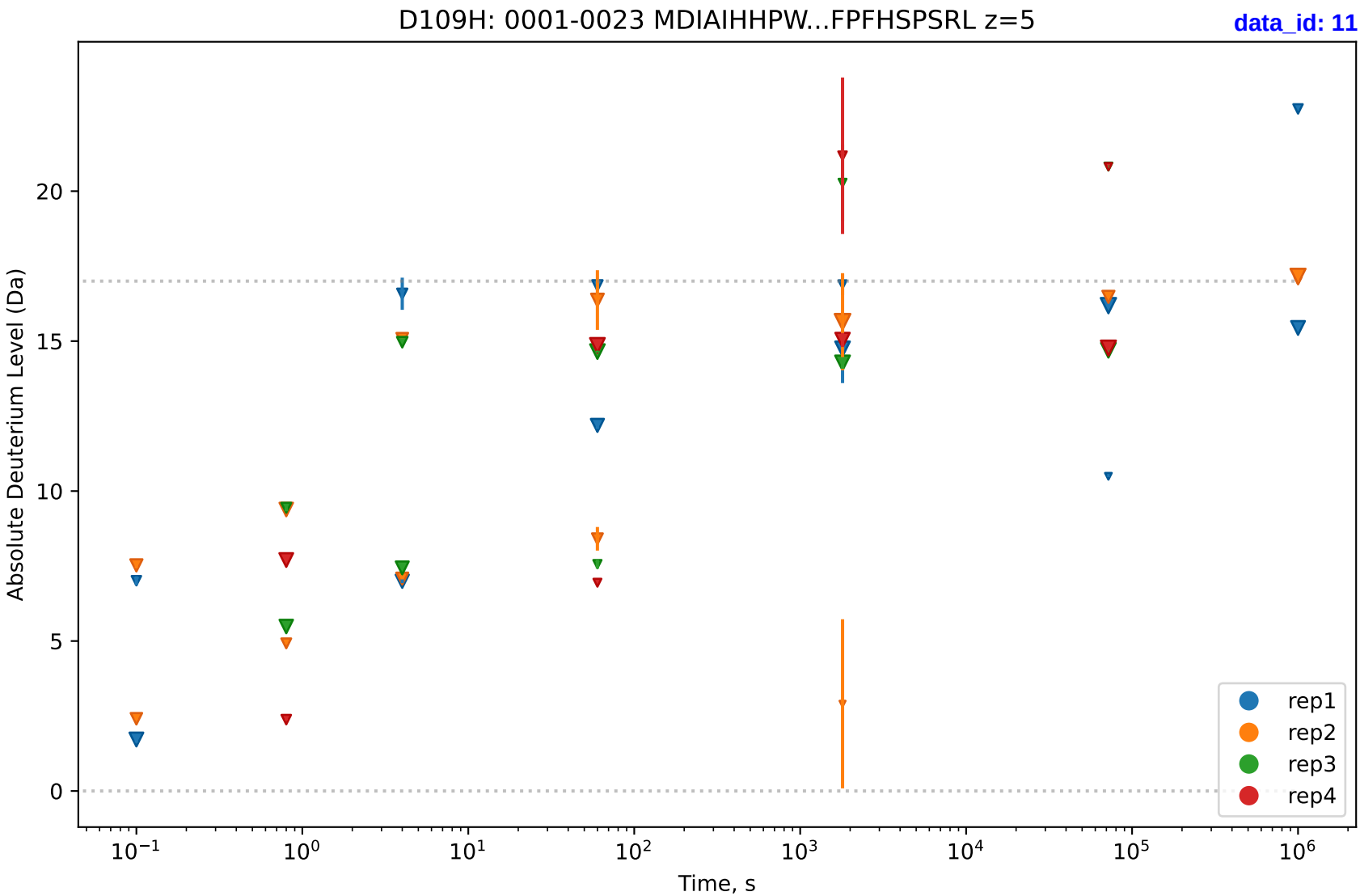

data_id: 10
D109H: 0001-0023 MDIAIHHPW...FPFHSPSRL z=4
Env res: 1.21
data UnDeut, rep 1
fit sum N=2
pop1 = 0.85
Dabs_1 = 0.0
m/z = 715.59
pop2 = 0.15
Dabs_2 = 5.1
m/z = 716.34
m/z = 715.65
Env res: 1.19
data UnDeut, rep 2
pop1 = 0.81
Dabs_1 = 0.0
m/z = 715.59
pop2 = 0.19
Dabs_2 = 3.7
m/z = 716.24
m/z = 715.67
Env res: 1.25
data UnDeut, rep 3
pop1 = 0.85
Dabs_1 = 0.0
m/z = 715.59
pop2 = 0.15
Dabs_2 = 7.2
m/z = 716.32
m/z = 715.66
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 1.30
data 0.1s, rep 1
pop1 = 0.55
Dabs_1 = 1.3
m/z = 715.76
pop2 = 0.45
Dabs_2 = 6.1
m/z = 716.42
m/z = 716.05
Env res: 1.37
data 0.1s, rep 2
pop1 = 0.62
Dabs_1 = 3.6
m/z = 716.09
pop2 = 0.38
Dabs_2 = 8.1
m/z = 716.69
m/z = 716.35
Env res: 1.48
data 0.1s, rep 4
pop1 = 0.78
Dabs_1 = 6.0
m/z = 716.41
pop2 = 0.22
Dabs_2 = 10.6
m/z = 717.03
m/z = 716.56
data 0.1s
rep 1
rep 2
rep 4
Env res: 1.81
data 0.8s, rep 1
pop1 = 0.58
Dabs_1 = 7.1
m/z = 716.56
pop2 = 0.42
Dabs_2 = 13.3
m/z = 717.41
m/z = 716.89
Env res: 1.52
data 0.8s, rep 2
pop1 = 0.38
Dabs_1 = 5.2
m/z = 716.30
pop2 = 0.62
Dabs_2 = 9.4
m/z = 716.88
m/z = 716.71
Env res: 1.46
data 0.8s, rep 3
pop1 = 0.57
Dabs_1 = 5.0
m/z = 716.27
pop2 = 0.43
Dabs_2 = 9.4
m/z = 716.86
m/z = 716.56
Env res: 1.48
data 0.8s, rep 4
pop1 = 0.29
Dabs_1 = 2.5
m/z = 715.94
pop2 = 0.71
Dabs_2 = 7.7
m/z = 716.64
m/z = 716.47
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 1.84
data 4.0s, rep 1
pop1 = 0.44
Dabs_1 = 6.0
m/z = 716.41
pop2 = 0.56
Dabs_2 = 14.1
m/z = 717.52
m/z = 717.03
Env res: 1.79
data 4.0s, rep 2
pop1 = 0.48
Dabs_1 = 6.3
m/z = 716.46
pop2 = 0.52
Dabs_2 = 14.1
m/z = 717.51
m/z = 717.00
Env res: 1.78
data 4.0s, rep 3
pop1 = 0.46
Dabs_1 = 6.0
m/z = 716.41
pop2 = 0.54
Dabs_2 = 13.7
m/z = 717.45
m/z = 716.97
data 4.0s
rep 1
rep 2
rep 3
Env res: 1.77
data 60.0s, rep 1
pop1 = 0.50
Dabs_1 = 10.3
m/z = 717.00
pop2 = 0.50
Dabs_2 = 17.1
m/z = 717.92
m/z = 717.45
Env res: 1.78
data 60.0s, rep 2
pop1 = 0.50
Dabs_1 = 10.3
m/z = 716.99
pop2 = 0.50
Dabs_2 = 17.0
m/z = 717.91
m/z = 717.44
Env res: 1.72
data 60.0s, rep 3
pop1 = 0.49
Dabs_1 = 10.4
m/z = 717.00
pop2 = 0.51
Dabs_2 = 16.5
m/z = 717.42
Env res: 1.73
data 60.0s, rep 4
pop1 = 0.55
Dabs_1 = 10.3
m/z = 716.99
pop2 = 0.45
Dabs_2 = 17.1
m/z = 717.92
m/z = 717.39
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.48
data 1800.0s, rep 1
pop1 = 0.64
Dabs_1 = 13.4
m/z = 717.41
pop2 = 0.36
Dabs_2 = 19.1
m/z = 718.19
m/z = 717.68
Env res: 1.50
data 1800.0s, rep 2
pop1 = 0.84
Dabs_1 = 14.4
m/z = 717.54
pop2 = 0.16
Dabs_2 = 20.0
m/z = 718.32
m/z = 717.66
Env res: 1.50
data 1800.0s, rep 3
pop1 = 0.21
Dabs_1 = 10.6
m/z = 717.03
pop2 = 0.79
Dabs_2 = 16.2
m/z = 717.80
m/z = 717.63
Env res: 1.47
data 1800.0s, rep 4
pop1 = 0.15
Dabs_1 = 10.3
m/z = 717.02
pop2 = 0.85
Dabs_2 = 16.3
m/z = 717.81
m/z = 717.67
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.42
data 72000.0s, rep 1
pop1 = 0.78
Dabs_1 = 14.4
m/z = 717.56
pop2 = 0.22
Dabs_2 = 20.2
m/z = 718.36
m/z = 717.74
Env res: 1.45
data 72000.0s, rep 2
pop1 = 0.54
Dabs_1 = 12.9
m/z = 717.35
pop2 = 0.46
Dabs_2 = 18.8
m/z = 718.14
m/z = 717.72
Env res: 1.44
data 72000.0s, rep 3
pop1 = 0.52
Dabs_1 = 13.0
m/z = 717.38
pop2 = 0.48
Dabs_2 = 18.2
m/z = 718.09
m/z = 717.71
Env res: 1.42
data 72000.0s, rep 4
pop1 = 0.19
Dabs_1 = 11.4
m/z = 717.14
pop2 = 0.81
Dabs_2 = 16.5
m/z = 717.84
m/z = 717.70
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.52
data FullDeut, rep 1
pop1 = 0.29
Dabs_1 = 13.3
m/z = 717.42
pop2 = 0.71
Dabs_2 = 19.2
m/z = 718.20
m/z = 717.98
Env res: 1.54
data FullDeut, rep 2
pop1 = 0.70
Dabs_1 = 15.3
m/z = 717.67
pop2 = 0.30
Dabs_2 = 21.4
m/z = 718.50
m/z = 717.93
data FullDeut
rep 1
rep 2
Intensity
m/z

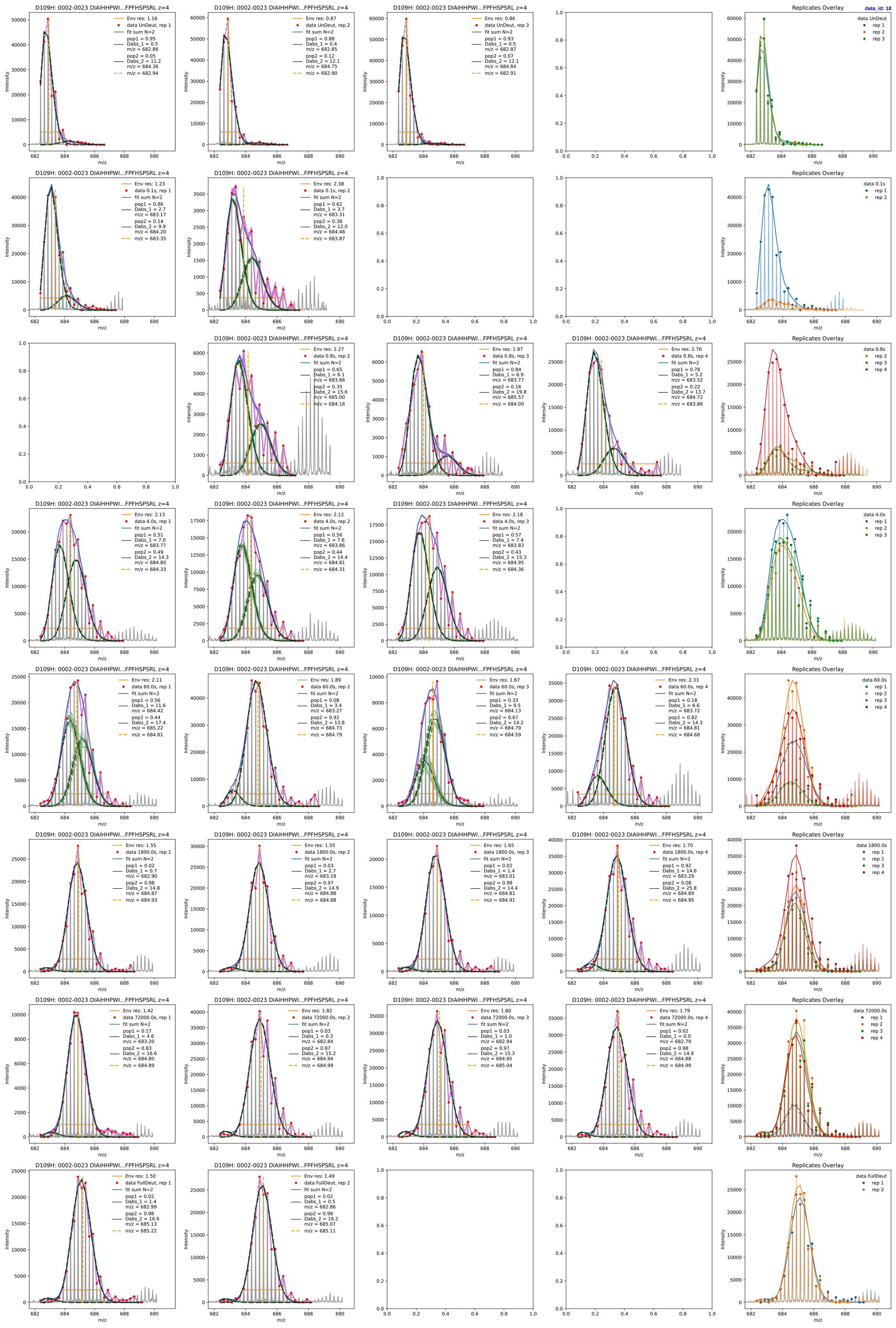
data_id: 10
D109H: 0001-0023 MDIAIHHPW...FPFHSPSRL z=4
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
Replicates Overlay
UnDeut
0.1s, rep1
0.1s, rep2
0.1s, rep4
0.1s
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
0.8s
4.0s, rep1
4.0s, rep2
4.0s, rep3
4.0s
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, rep4
60.0s
1800.0s, rep1
1800.0s, rep2
1800.0s, rep3
1800.0s, rep4
1800.0s
72000.0s, rep1
72000.0s, rep2
72000.0s, rep3
72000.0s, rep4
72000.0s
FullDeut, rep1
FullDeut, rep2
FullDeut
pop0
pop1
Centroid
1_pop0
1_pop1
2_pop0
2_pop1
3_pop0
3_pop1
4_pop0
4_pop1
population
Absolute Deuterium Level (Da)

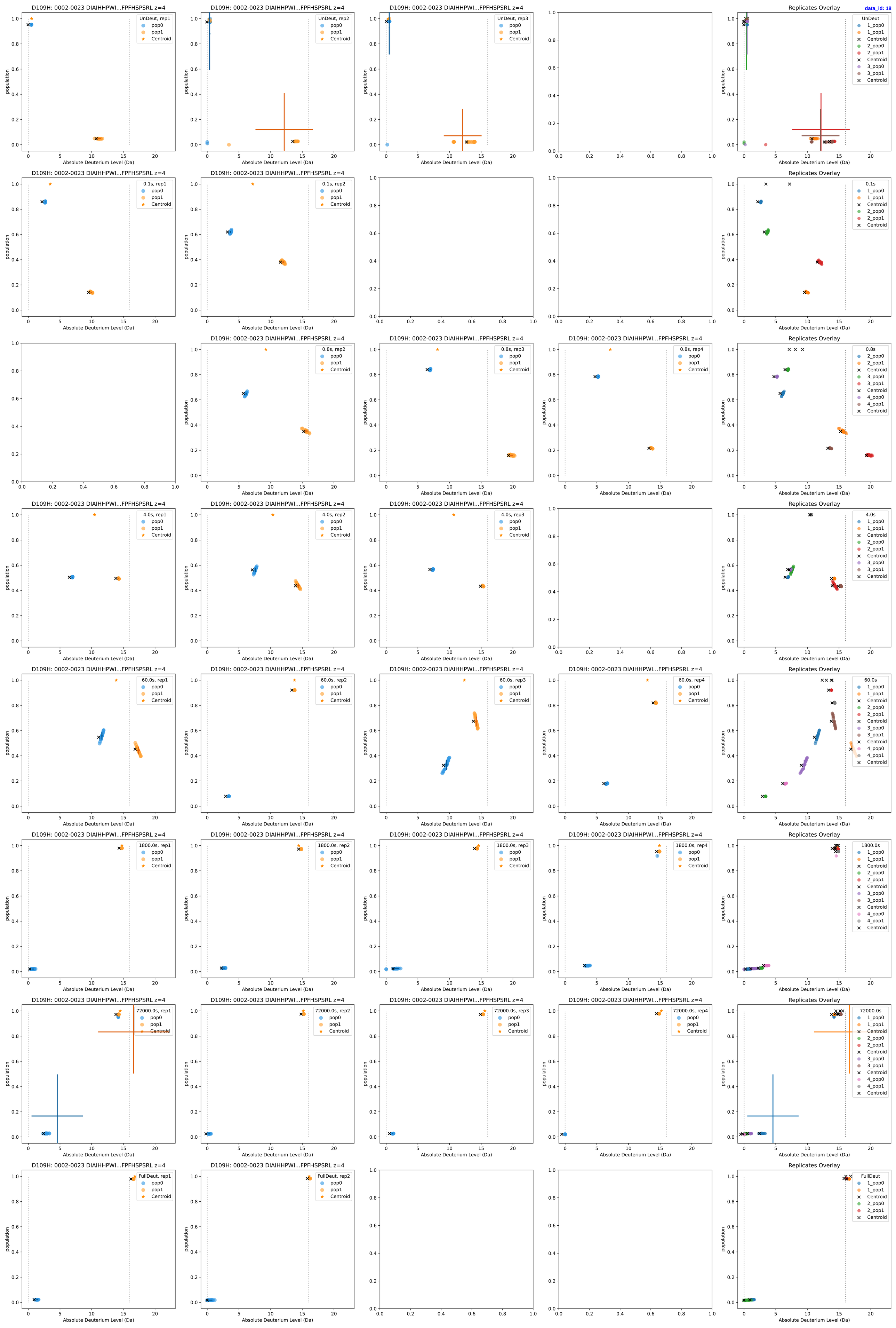

D109H: 0001-0023 MDIAIHHPW...FPFHSPSRL z=4
data_id: 10
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4

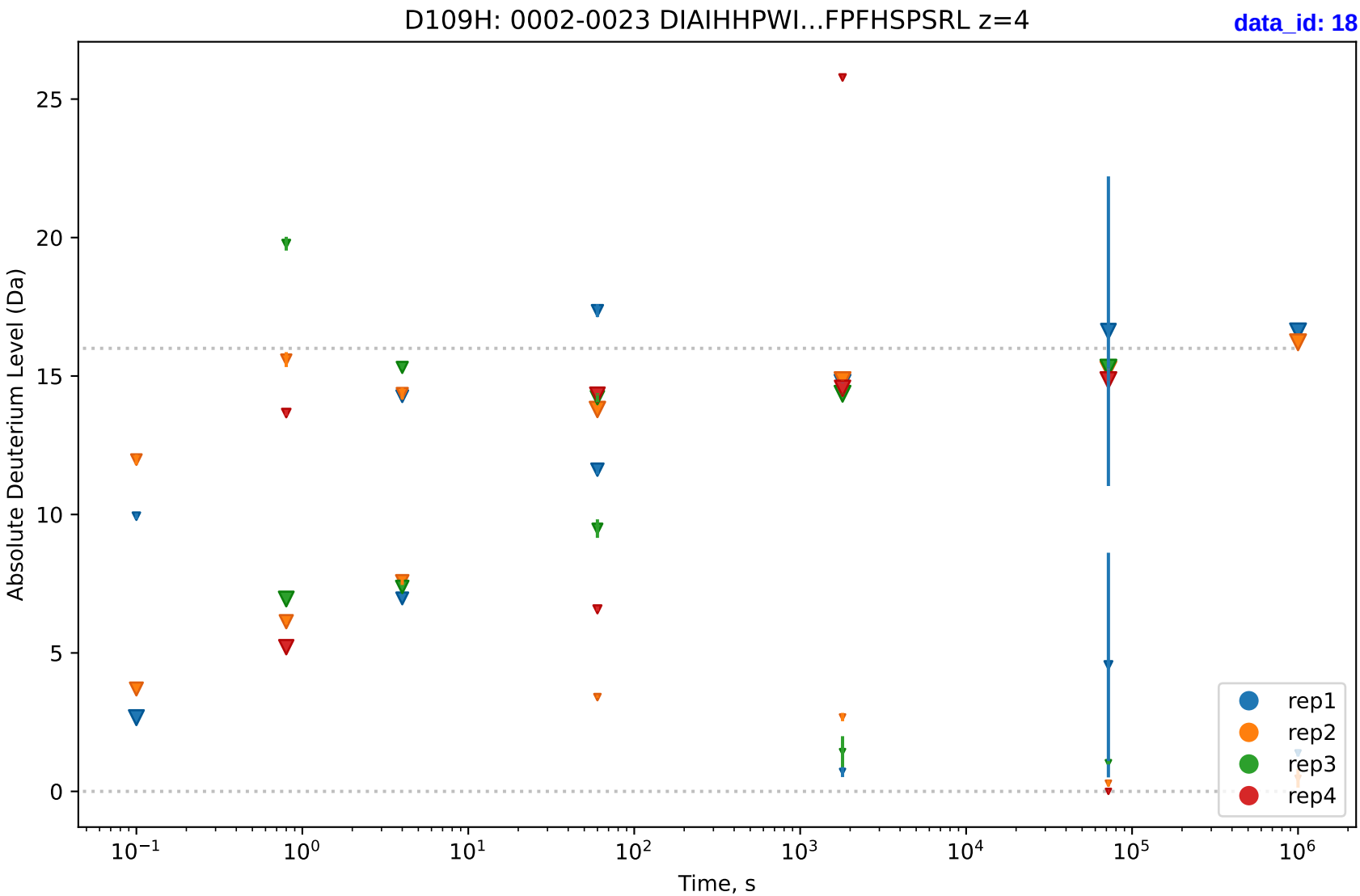

D109H: 0001-0023 MDIAIHHPW...FPFHSPSRL z=5
Env res: 1.12
data UnDeut, rep 1
fit sum N=2
pop1 = 0.96
Dabs_1 = 0.0
m/z = 572.67
pop2 = 0.04
Dabs_2 = 5.1
m/z = 573.28
m/z = 572.70
Env res: 1.15
data UnDeut, rep 2
fit sum N=2
pop1 = 0.95
Dabs_1 = 0.0
m/z = 572.67
pop2 = 0.05
Dabs_2 = 5.4
m/z = 573.28
m/z = 572.69
Env res: 1.12
data UnDeut, rep 3
fit sum N=2
pop1 = 0.94
Dabs_1 = 0.0
m/z = 572.67
pop2 = 0.06
Dabs_2 = 3.4
m/z = 573.15
m/z = 572.69
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 1.25
data 0.1s, rep 1
fit sum N=2
pop1 = 0.72
Dabs_1 = 1.7
m/z = 572.85
pop2 = 0.28
Dabs_2 = 7.0
m/z = 573.41
m/z = 573.01
Env res: 1.36
data 0.1s, rep 2
fit sum N=2
pop1 = 0.46
Dabs_1 = 2.4
m/z = 572.93
pop2 = 0.54
Dabs_2 = 7.5
m/z = 573.48
m/z = 573.24
data 0.1s
rep 1
rep 2
Env res: 1.54
data 0.8s, rep 2
fit sum N=2
pop1 = 0.32
Dabs_1 = 4.9
m/z = 573.20
pop2 = 0.68
Dabs_2 = 9.4
m/z = 573.67
m/z = 573.56
Env res: 1.44
data 0.8s, rep 3
fit sum N=2
pop1 = 0.68
Dabs_1 = 5.5
m/z = 573.26
pop2 = 0.32
Dabs_2 = 9.4
m/z = 573.68
m/z = 573.41
Env res: 1.44
data 0.8s, rep 4
fit sum N=2
pop1 = 0.29
Dabs_1 = 2.4
m/z = 572.93
pop2 = 0.71
Dabs_2 = 7.7
m/z = 573.50
m/z = 573.36
data 0.8s
rep 2
rep 3
rep 4
Env res: 1.80
data 4.0s, rep 1
fit sum N=2
pop1 = 0.65
Dabs_1 = 7.0
m/z = 573.42
pop2 = 0.35
Dabs_2 = 16.6
m/z = 574.48
m/z = 573.77
Env res: 1.80
data 4.0s, rep 2
fit sum N=2
pop1 = 0.51
Dabs_1 = 7.1
m/z = 573.43
pop2 = 0.49
Dabs_2 = 15.1
m/z = 574.28
m/z = 573.84
Env res: 1.74
data 4.0s, rep 3
fit sum N=2
pop1 = 0.62
Dabs_1 = 7.4
m/z = 573.46
pop2 = 0.38
Dabs_2 = 15.0
m/z = 574.26
m/z = 573.76
data 4.0s
rep 1
rep 2
rep 3
Env res: 1.51
data 60.0s, rep 1
fit sum N=2
pop1 = 0.63
Dabs_1 = 12.2
m/z = 573.96
pop2 = 0.37
Dabs_2 = 16.9
m/z = 574.49
m/z = 574.17
Env res: 1.69
data 60.0s, rep 2
fit sum N=2
pop1 = 0.41
Dabs_1 = 8.4
m/z = 573.58
pop2 = 0.59
Dabs_2 = 16.4
m/z = 574.48
m/z = 574.17
Env res: 1.61
data 60.0s, rep 3
fit sum N=2
pop1 = 0.19
Dabs_1 = 7.6
m/z = 573.48
pop2 = 0.81
Dabs_2 = 14.7
m/z = 574.23
m/z = 574.10
Env res: 1.68
data 60.0s, rep 4
fit sum N=2
pop1 = 0.17
Dabs_1 = 6.9
m/z = 573.41
pop2 = 0.83
Dabs_2 = 14.9
m/z = 574.25
m/z = 574.10
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.34
data 1800.0s, rep 1
fit sum N=2
pop1 = 0.82
Dabs_1 = 14.7
m/z = 574.27
pop2 = 0.18
Dabs_2 = 16.9
m/z = 574.49
m/z = 574.30
Env res: 1.45
data 1800.0s, rep 2
fit sum N=2
pop1 = 0.05
Dabs_1 = 2.9
m/z = 572.92
pop2 = 0.95
Dabs_2 = 15.6
m/z = 574.30
m/z = 574.29
Env res: 1.43
data 1800.0s, rep 3
fit sum N=2
pop1 = 0.83
Dabs_1 = 14.3
m/z = 574.20
pop2 = 0.17
Dabs_2 = 20.3
m/z = 574.96
m/z = 574.27
Env res: 1.44
data 1800.0s, rep 4
fit sum N=2
pop1 = 0.79
Dabs_1 = 15.0
m/z = 574.29
pop2 = 0.21
Dabs_2 = 21.2
m/z = 575.07
m/z = 574.32
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.30
data 72000.0s, rep 1
fit sum N=2
pop1 = 0.09
Dabs_1 = 10.5
m/z = 573.80
pop2 = 0.91
Dabs_2 = 16.2
m/z = 574.39
m/z = 574.34
Env res: 1.28
data 72000.0s, rep 2
fit sum N=2
pop1 = 0.47
Dabs_1 = 14.8
m/z = 574.24
pop2 = 0.53
Dabs_2 = 16.5
m/z = 574.42
m/z = 574.35
Env res: 1.41
data 72000.0s, rep 3
fit sum N=2
pop1 = 0.83
Dabs_1 = 14.7
m/z = 572.67
pop2 = 0.17
Dabs_2 = 20.8
m/z = 574.34
m/z = 574.34
Env res: 1.41
data 72000.0s, rep 4
fit sum N=2
pop1 = 0.87
Dabs_1 = 14.8
m/z = 574.25
pop2 = 0.13
Dabs_2 = 20.8
m/z = 574.97
m/z = 574.32
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.49
data FullDeut, rep 1
fit sum N=2
pop1 = 0.72
Dabs_1 = 15.4
m/z = 572.67
pop2 = 0.28
Dabs_2 = 22.7
m/z = 574.47
m/z = 574.54
Env res: 1.36
data FullDeut, rep 2
fit sum N=2
pop1 = 0.12
Dabs_1 = 17.0
m/z = 572.75
pop2 = 0.88
Dabs_2 = 17.2
m/z = 574.49
m/z = 574.49
data FullDeut
rep 1
rep 2
Intensity
m/z

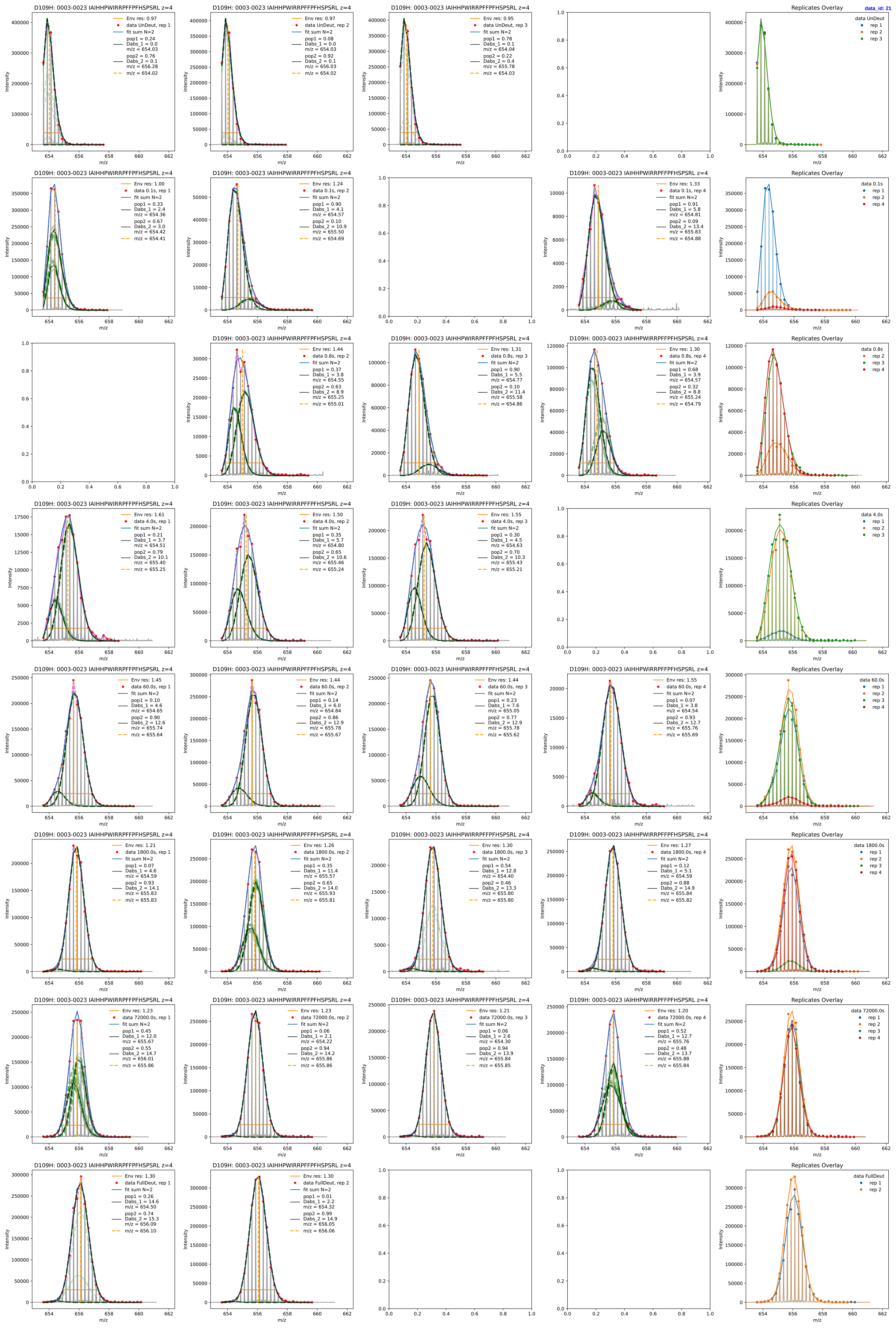

data_id: 11
D109H: 0001-0023 MDIAIHHPW...FPFHSPSRL z=5
Replicates Overlay
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
UnDeut
0.1s, rep1
0.1s, rep2
0.1s
0.8s, rep2
0.8s, rep3
0.8s, rep4
0.8s
4.0s, rep1
4.0s, rep2
4.0s, rep3
4.0s
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, rep4
60.0s
1800.0s, rep1
1800.0s, rep2
1800.0s, rep3
1800.0s, rep4
1800.0s
72000.0s, rep1
72000.0s, rep2
72000.0s, rep3
72000.0s, rep4
72000.0s
FullDeut, rep1
FullDeut, rep2
FullDeut
pop0
pop1
Centroid
population
Absolute Deuterium Level (Da)


D109H: 0001-0023 MDIAIHHPW...FPFHSPSRL z=5
data_id: 11
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4

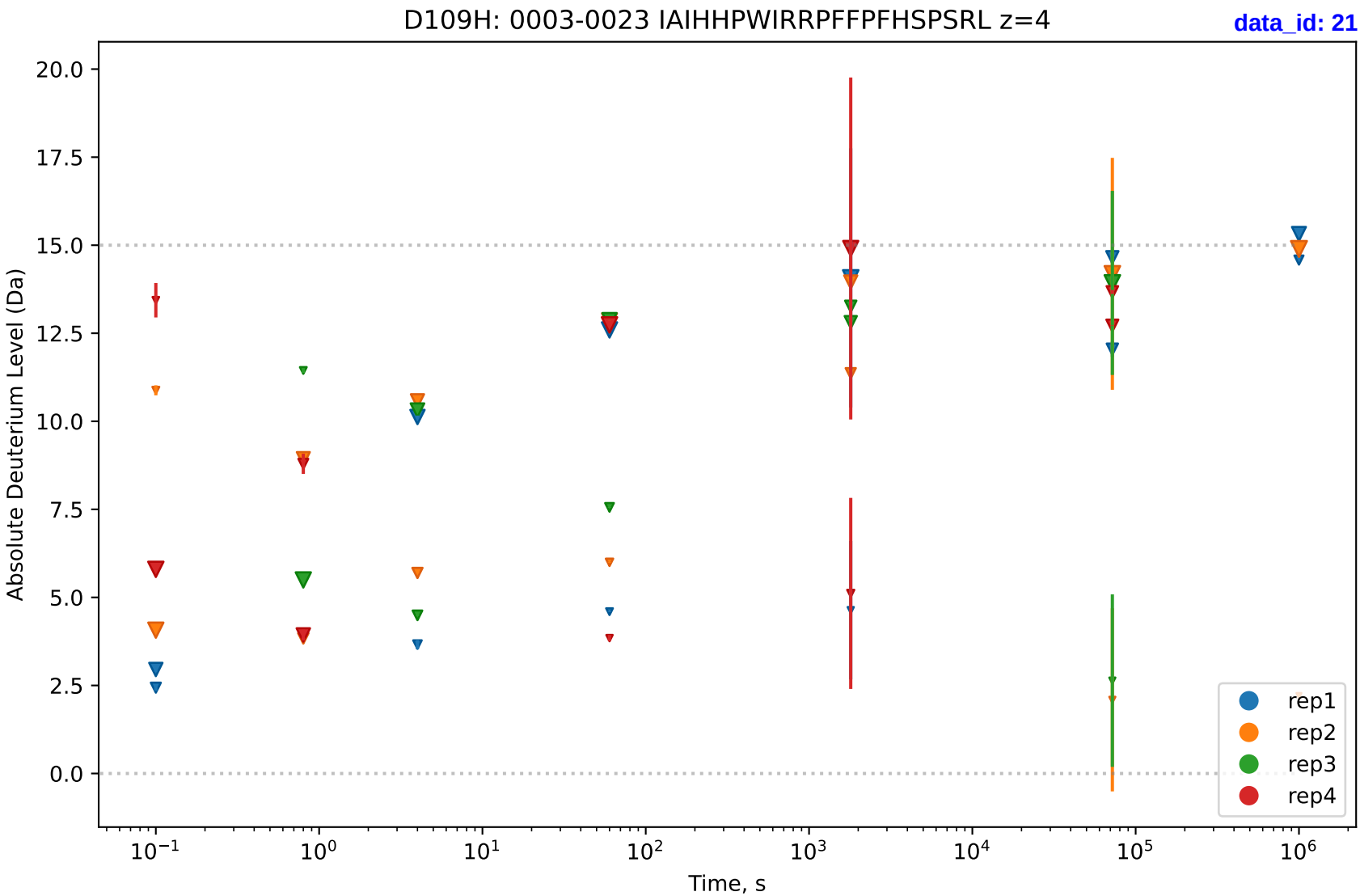

D109H: 0002-0023 DIAIHHPWI...FPFHSPSRL z=4
Env res: 1.16
data UnDeut, rep 1
fit sum N=2
pop1 = 0.95
Dabs_1 = 0.5
m/z = 682.86
pop2 = 0.05
Dabs_2 = 11.2
m/z = 684.36
m/z = 682.94
Env res: 0.87
data UnDeut, rep 2
fit sum N=2
pop1 = 0.88
Dabs_1 = 0.4
m/z = 682.85
pop2 = 0.12
Dabs_2 = 12.1
m/z = 684.75
m/z = 682.90
Env res: 0.86
data UnDeut, rep 3
fit sum N=2
pop1 = 0.93
Dabs_1 = 0.5
m/z = 682.87
pop2 = 0.07
Dabs_2 = 12.1
m/z = 684.64
m/z = 682.91
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 1.23
data 0.1s, rep 1
fit sum N=2
pop1 = 0.86
Dabs_1 = 2.7
m/z = 683.17
pop2 = 0.14
Dabs_2 = 9.9
m/z = 684.20
m/z = 683.35
Env res: 2.38
data 0.1s, rep 2
fit sum N=2
pop1 = 0.62
Dabs_1 = 3.7
m/z = 683.31
pop2 = 0.38
Dabs_2 = 12.0
m/z = 684.48
m/z = 683.87
data 0.1s
rep 1
rep 2
Env res: 2.27
data 0.8s, rep 2
fit sum N=2
pop1 = 0.65
Dabs_1 = 6.1
m/z = 683.66
pop2 = 0.35
Dabs_2 = 15.6
m/z = 685.00
m/z = 684.16
Env res: 1.97
data 0.8s, rep 3
fit sum N=2
pop1 = 0.84
Dabs_1 = 6.9
m/z = 683.77
pop2 = 0.16
Dabs_2 = 19.8
m/z = 685.57
m/z = 684.00
Env res: 2.76
data 0.8s, rep 4
fit sum N=2
pop1 = 0.78
Dabs_1 = 5.2
m/z = 683.52
pop2 = 0.22
Dabs_2 = 13.7
m/z = 684.72
m/z = 683.86
data 0.8s
rep 2
rep 3
rep 4
Env res: 2.13
data 4.0s, rep 1
fit sum N=2
pop1 = 0.51
Dabs_1 = 7.0
m/z = 683.77
pop2 = 0.49
Dabs_2 = 14.3
m/z = 684.80
m/z = 684.33
Env res: 2.12
data 4.0s, rep 2
fit sum N=2
pop1 = 0.56
Dabs_1 = 7.6
m/z = 683.86
pop2 = 0.44
Dabs_2 = 14.4
m/z = 684.81
m/z = 684.31
Env res: 2.18
data 4.0s, rep 3
fit sum N=2
pop1 = 0.57
Dabs_1 = 7.4
m/z = 683.83
pop2 = 0.43
Dabs_2 = 15.3
m/z = 684.95
m/z = 684.36
data 4.0s
rep 1
rep 2
rep 3
Env res: 2.11
data 60.0s, rep 1
fit sum N=2
pop1 = 0.56
Dabs_1 = 11.6
m/z = 684.42
pop2 = 0.44
Dabs_2 = 17.4
m/z = 685.22
m/z = 684.81
Env res: 1.89
data 60.0s, rep 2
fit sum N=2
pop1 = 0.08
Dabs_1 = 3.4
m/z = 683.27
pop2 = 0.92
Dabs_2 = 13.8
m/z = 684.73
m/z = 684.79
Env res: 1.67
data 60.0s, rep 3
fit sum N=2
pop1 = 0.33
Dabs_1 = 9.5
m/z = 684.13
pop2 = 0.67
Dabs_2 = 14.2
m/z = 684.79
m/z = 684.59
Env res: 2.33
data 60.0s, rep 4
fit sum N=2
pop1 = 0.18
Dabs_1 = 6.6
m/z = 683.72
pop2 = 0.82
Dabs_2 = 14.3
m/z = 684.81
m/z = 684.68
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.55
data 1800.0s, rep 1
fit sum N=2
pop1 = 0.02
Dabs_1 = 0.7
m/z = 682.90
pop2 = 0.98
Dabs_2 = 14.8
m/z = 684.87
m/z = 684.93
Env res: 1.55
data 1800.0s, rep 2
fit sum N=2
pop1 = 0.03
Dabs_1 = 2.7
m/z = 683.18
pop2 = 0.97
Dabs_2 = 14.9
m/z = 684.88
m/z = 684.88
Env res: 1.65
data 1800.0s, rep 3
fit sum N=2
pop1 = 0.02
Dabs_1 = 1.4
m/z = 683.01
pop2 = 0.98
Dabs_2 = 14.4
m/z = 684.81
m/z = 684.91
Env res: 1.70
data 1800.0s, rep 4
fit sum N=2
pop1 = 0.92
Dabs_1 = 14.6
m/z = 683.29
pop2 = 0.08
Dabs_2 = 25.8
m/z = 684.89
m/z = 684.95
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.42
data 72000.0s, rep 1
fit sum N=2
pop1 = 0.17
Dabs_1 = 4.6
m/z = 683.20
pop2 = 0.83
Dabs_2 = 16.6
m/z = 684.80
m/z = 684.89
Env res: 1.82
data 72000.0s, rep 2
fit sum N=2
pop1 = 0.03
Dabs_1 = 0.3
m/z = 682.84
pop2 = 0.97
Dabs_2 = 15.2
m/z = 684.94
m/z = 684.99
Env res: 1.80
data 72000.0s, rep 3
fit sum N=2
pop1 = 0.03
Dabs_1 = 1.0
m/z = 682.94
pop2 = 0.97
Dabs_2 = 15.3
m/z = 684.95
m/z = 685.04
Env res: 1.79
data 72000.0s, rep 4
fit sum N=2
pop1 = 0.02
Dabs_1 = 0.0
m/z = 682.79
pop2 = 0.98
Dabs_2 = 14.9
m/z = 684.88
m/z = 684.99
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.50
data FullDeut, rep 1
fit sum N=2
pop1 = 0.02
Dabs_1 = 1.4
m/z = 682.99
pop2 = 0.98
Dabs_2 = 16.6
m/z = 685.13
m/z = 685.22
Env res: 1.49
data FullDeut, rep 2
fit sum N=2
pop1 = 0.02
Dabs_1 = 0.5
m/z = 682.86
pop2 = 0.98
Dabs_2 = 16.2
m/z = 685.07
m/z = 685.11
data FullDeut
rep 1
rep 2
Intensity
m/z

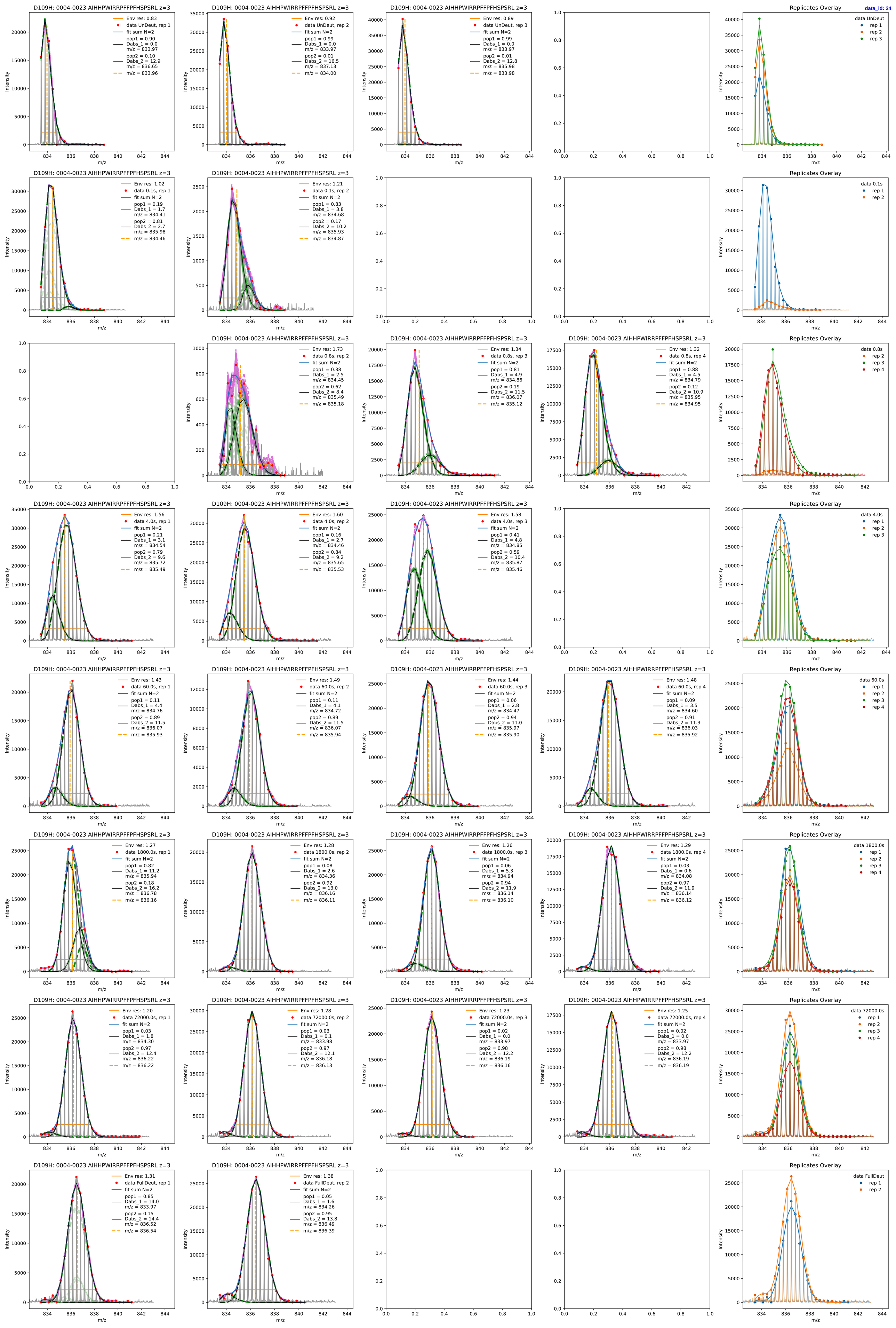

data_id: 18
D109H: 0002-0023 DIAIHHPWI...FPFHSPSRL z=4
Replicates Overlay
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
0.1s, rep1
0.1s, rep2
0.8s, rep2
0.8s, rep3
0.8s, rep4
4.0s, rep1
4.0s, rep2
4.0s, rep3
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, rep4
1800.0s, rep1
1800.0s, rep2
1800.0s, rep3
1800.0s, rep4
72000.0s, rep1
72000.0s, rep2
72000.0s, rep3
72000.0s, rep4
FullDeut, rep1
FullDeut, rep2
UnDeut
0.1s
0.8s
4.0s
60.0s
1800.0s
72000.0s
FullDeut
pop0
pop1
Centroid
population
Absolute Deuterium Level (Da)


D109H: 0002-0023 DIAIHHPWI...FPFHSPSRL z=4
data_id: 18
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4

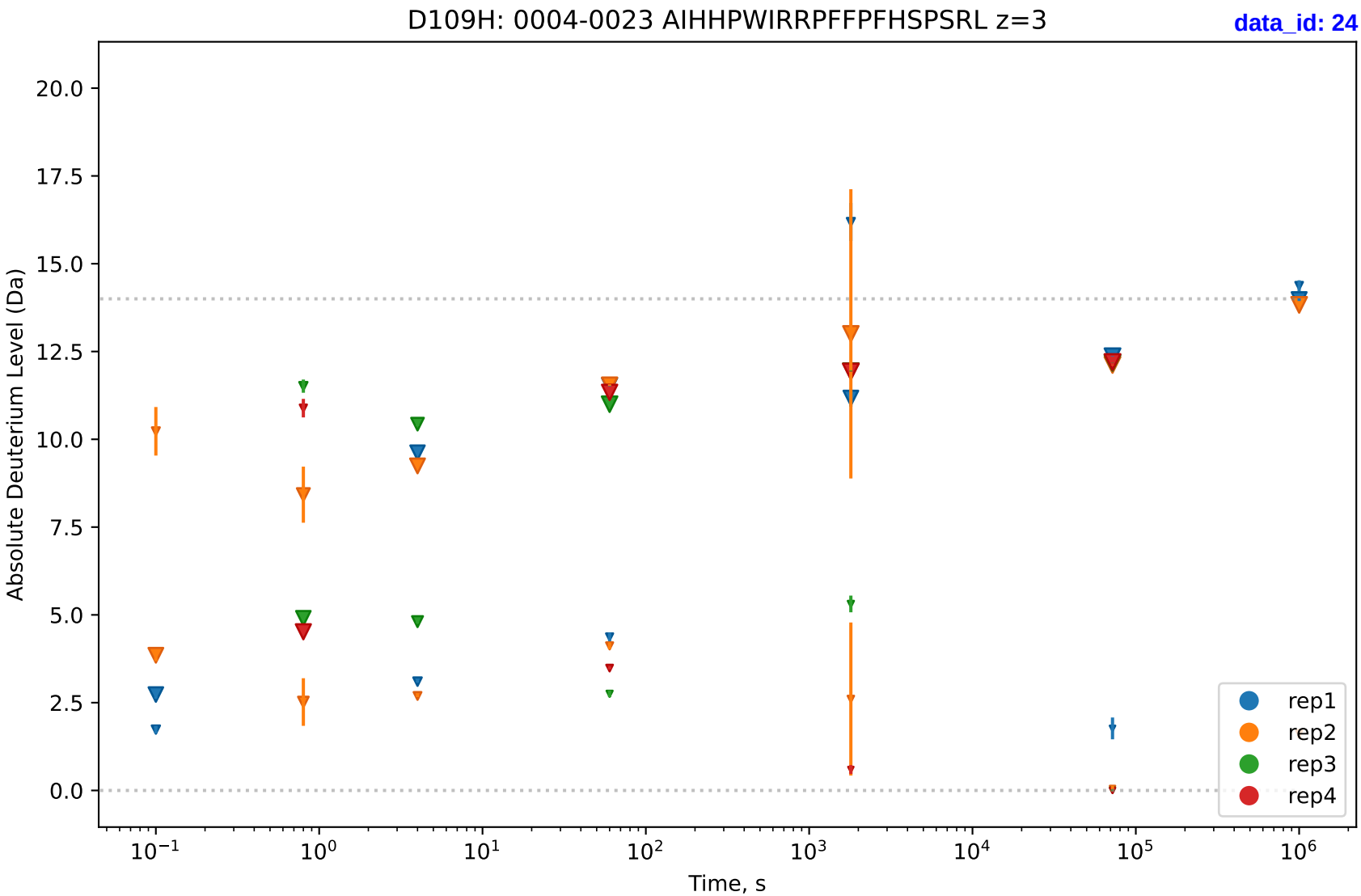

D109H: 0003-0023 IAIHHPWIRRPFFPFHSPSRL z=4
Env res: 0.97
data UnDeut, rep 1
fit sum N=2
pop1 = 0.24
Dabs_1 = 0.0
m/z = 654.03
pop2 = 0.76
Dabs_2 = 0.1
m/z = 656.28
m/z = 654.02
Env res: 0.97
data UnDeut, rep 2
fit sum N=2
pop1 = 0.08
Dabs_1 = 0.0
m/z = 654.03
pop2 = 0.92
Dabs_2 = 0.1
m/z = 656.03
m/z = 654.02
Env res: 0.95
data UnDeut, rep 3
fit sum N=2
pop1 = 0.78
Dabs_1 = 0.1
m/z = 654.04
pop2 = 0.22
Dabs_2 = 0.4
m/z = 655.78
m/z = 654.03
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 1.00
data 0.1s, rep 1
fit sum N=2
pop1 = 0.33
Dabs_1 = 2.4
m/z = 654.36
pop2 = 0.67
Dabs_2 = 3.0
m/z = 654.42
m/z = 654.41
Env res: 1.24
data 0.1s, rep 2
fit sum N=2
pop1 = 0.90
Dabs_1 = 4.1
m/z = 654.57
pop2 = 0.10
Dabs_2 = 10.9
m/z = 655.50
m/z = 654.69
Env res: 1.33
data 0.1s, rep 4
fit sum N=2
pop1 = 0.91
Dabs_1 = 5.8
m/z = 654.81
pop2 = 0.09
Dabs_2 = 13.4
m/z = 655.83
m/z = 654.88
Replicates Overlay
data 0.1s
rep 1
rep 2
rep 4
Env res: 1.44
data 0.8s, rep 2
fit sum N=2
pop1 = 0.37
Dabs_1 = 3.8
m/z = 654.55
pop2 = 0.63
Dabs_2 = 8.9
m/z = 655.25
m/z = 655.01
Env res: 1.31
data 0.8s, rep 3
fit sum N=2
pop1 = 0.90
Dabs_1 = 5.5
m/z = 654.77
pop2 = 0.10
Dabs_2 = 11.4
m/z = 655.58
m/z = 654.86
Env res: 1.30
data 0.8s, rep 4
fit sum N=2
pop1 = 0.68
Dabs_1 = 3.9
m/z = 654.57
pop2 = 0.32
Dabs_2 = 8.8
m/z = 655.24
m/z = 654.79
Replicates Overlay
data 0.8s
rep 2
rep 3
rep 4
Env res: 1.61
data 4.0s, rep 1
fit sum N=2
pop1 = 0.21
Dabs_1 = 3.7
m/z = 654.51
pop2 = 0.79
Dabs_2 = 10.1
m/z = 655.40
m/z = 655.25
Env res: 1.50
data 4.0s, rep 2
fit sum N=2
pop1 = 0.35
Dabs_1 = 5.7
m/z = 654.80
pop2 = 0.65
Dabs_2 = 10.6
m/z = 655.46
m/z = 655.24
Env res: 1.55
data 4.0s, rep 3
fit sum N=2
pop1 = 0.30
Dabs_1 = 4.5
m/z = 654.63
pop2 = 0.70
Dabs_2 = 10.3
m/z = 655.43
m/z = 655.21
Replicates Overlay
data 4.0s
rep 1
rep 2
rep 3
Env res: 1.45
data 60.0s, rep 1
fit sum N=2
pop1 = 0.10
Dabs_1 = 4.6
m/z = 654.65
pop2 = 0.90
Dabs_2 = 12.6
m/z = 655.74
m/z = 655.64
Env res: 1.44
data 60.0s, rep 2
fit sum N=2
pop1 = 0.14
Dabs_1 = 6.0
m/z = 654.84
pop2 = 0.86
Dabs_2 = 12.9
m/z = 655.78
m/z = 655.67
Env res: 1.44
data 60.0s, rep 3
fit sum N=2
pop1 = 0.23
Dabs_1 = 7.6
m/z = 655.05
pop2 = 0.77
Dabs_2 = 12.9
m/z = 655.78
m/z = 655.62
Env res: 1.55
data 60.0s, rep 4
fit sum N=2
pop1 = 0.07
Dabs_1 = 3.8
m/z = 654.54
pop2 = 0.93
Dabs_2 = 12.7
m/z = 655.76
m/z = 655.69
Replicates Overlay
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.21
data 1800.0s, rep 1
fit sum N=2
pop1 = 0.07
Dabs_1 = 4.6
m/z = 654.59
pop2 = 0.93
Dabs_2 = 14.1
m/z = 655.83
m/z = 655.83
Env res: 1.26
data 1800.0s, rep 2
fit sum N=2
pop1 = 0.35
Dabs_1 = 11.4
m/z = 655.57
pop2 = 0.65
Dabs_2 = 14.0
m/z = 655.93
m/z = 655.81
Env res: 1.30
data 1800.0s, rep 3
fit sum N=2
pop1 = 0.54
Dabs_1 = 12.8
m/z = 654.40
pop2 = 0.46
Dabs_2 = 13.3
m/z = 655.80
m/z = 655.80
Env res: 1.27
data 1800.0s, rep 4
fit sum N=2
pop1 = 0.12
Dabs_1 = 5.1
m/z = 654.59
pop2 = 0.88
Dabs_2 = 14.9
m/z = 655.84
m/z = 655.82
Replicates Overlay
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.23
data 72000.0s, rep 1
fit sum N=2
pop1 = 0.45
Dabs_1 = 12.0
m/z = 655.67
pop2 = 0.55
Dabs_2 = 14.7
m/z = 656.01
m/z = 655.86
Env res: 1.23
data 72000.0s, rep 2
fit sum N=2
pop1 = 0.06
Dabs_1 = 2.1
m/z = 654.22
pop2 = 0.94
Dabs_2 = 14.2
m/z = 655.86
m/z = 655.86
Env res: 1.21
data 72000.0s, rep 3
fit sum N=2
pop1 = 0.06
Dabs_1 = 2.6
m/z = 654.30
pop2 = 0.94
Dabs_2 = 13.9
m/z = 655.84
m/z = 655.85
Env res: 1.20
data 72000.0s, rep 4
fit sum N=2
pop1 = 0.52
Dabs_1 = 12.7
m/z = 655.76
pop2 = 0.48
Dabs_2 = 13.7
m/z = 655.88
m/z = 655.84
Replicates Overlay
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.30
data FullDeut, rep 1
fit sum N=2
pop1 = 0.26
Dabs_1 = 14.6
m/z = 654.50
pop2 = 0.74
Dabs_2 = 15.3
m/z = 656.09
m/z = 656.10
Env res: 1.30
data FullDeut, rep 2
fit sum N=2
pop1 = 0.01
Dabs_1 = 2.2
m/z = 654.32
pop2 = 0.99
Dabs_2 = 14.9
m/z = 656.05
m/z = 656.06
Replicates Overlay
data FullDeut
rep 1
rep 2
Intensity
m/z

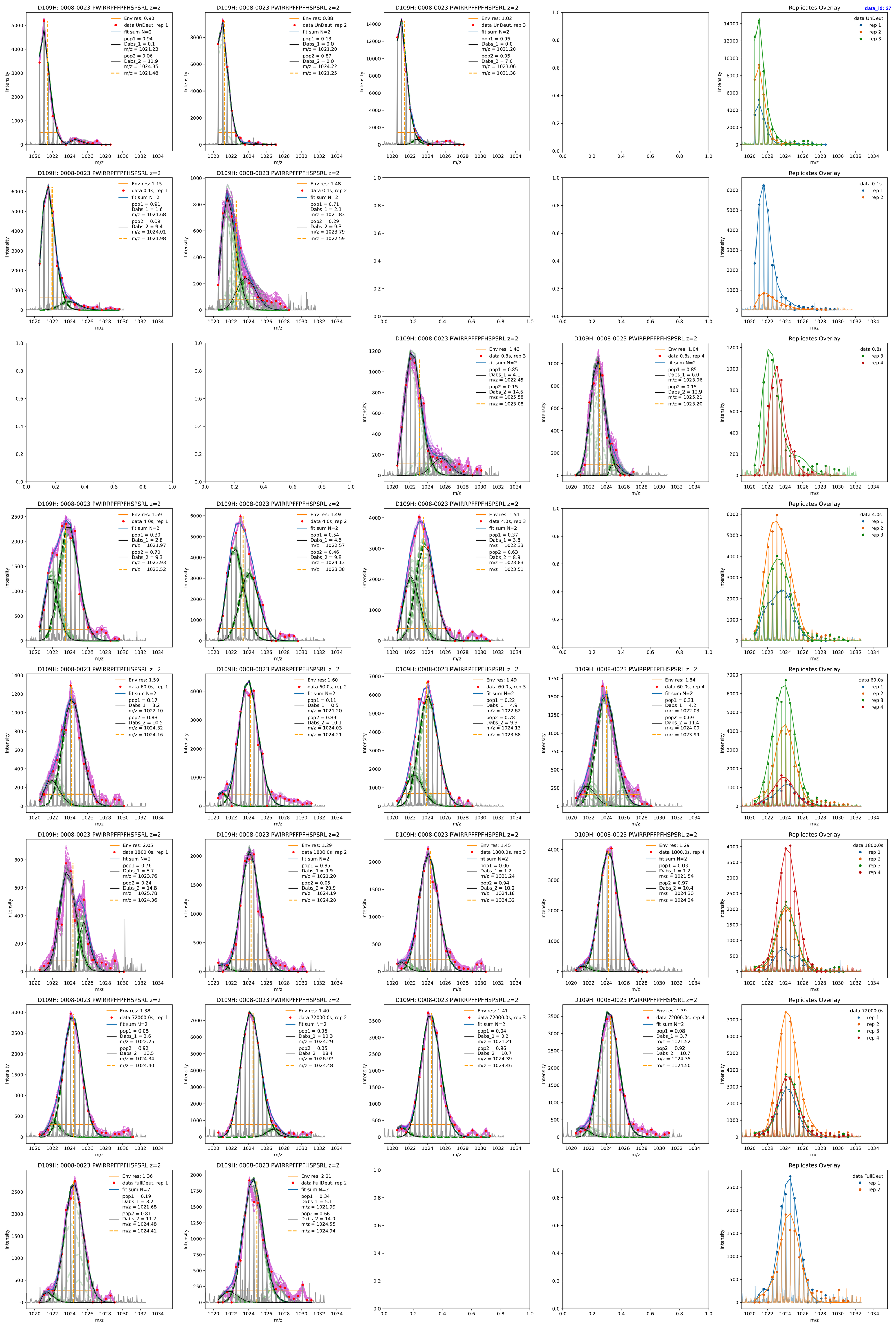
data_id: 21
D109H: 0003-0023 IAIHHPWIRRPFFPFHSPSRL z=4
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
Replicates Overlay
UnDeut
0.1s, rep1
0.1s, rep2
0.1s, rep4
0.1s
0.8s, rep2
0.8s, rep3
0.8s, rep4
0.8s
4.0s, rep1
4.0s, rep2
4.0s, rep3
4.0s
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, rep4
60.0s
1800.0s, rep1
1800.0s, rep2
1800.0s, rep3
1800.0s, rep4
1800.0s
72000.0s, rep1
72000.0s, rep2
72000.0s, rep3
72000.0s, rep4
72000.0s
FullDeut, rep1
FullDeut, rep2
FullDeut
pop0
pop1
Centroid
population
Absolute Deuterium Level (Da)


D109H: 0003-0023 IAIHHPWIRRPFFPFHSPSRL z=4
data_id: 21
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4

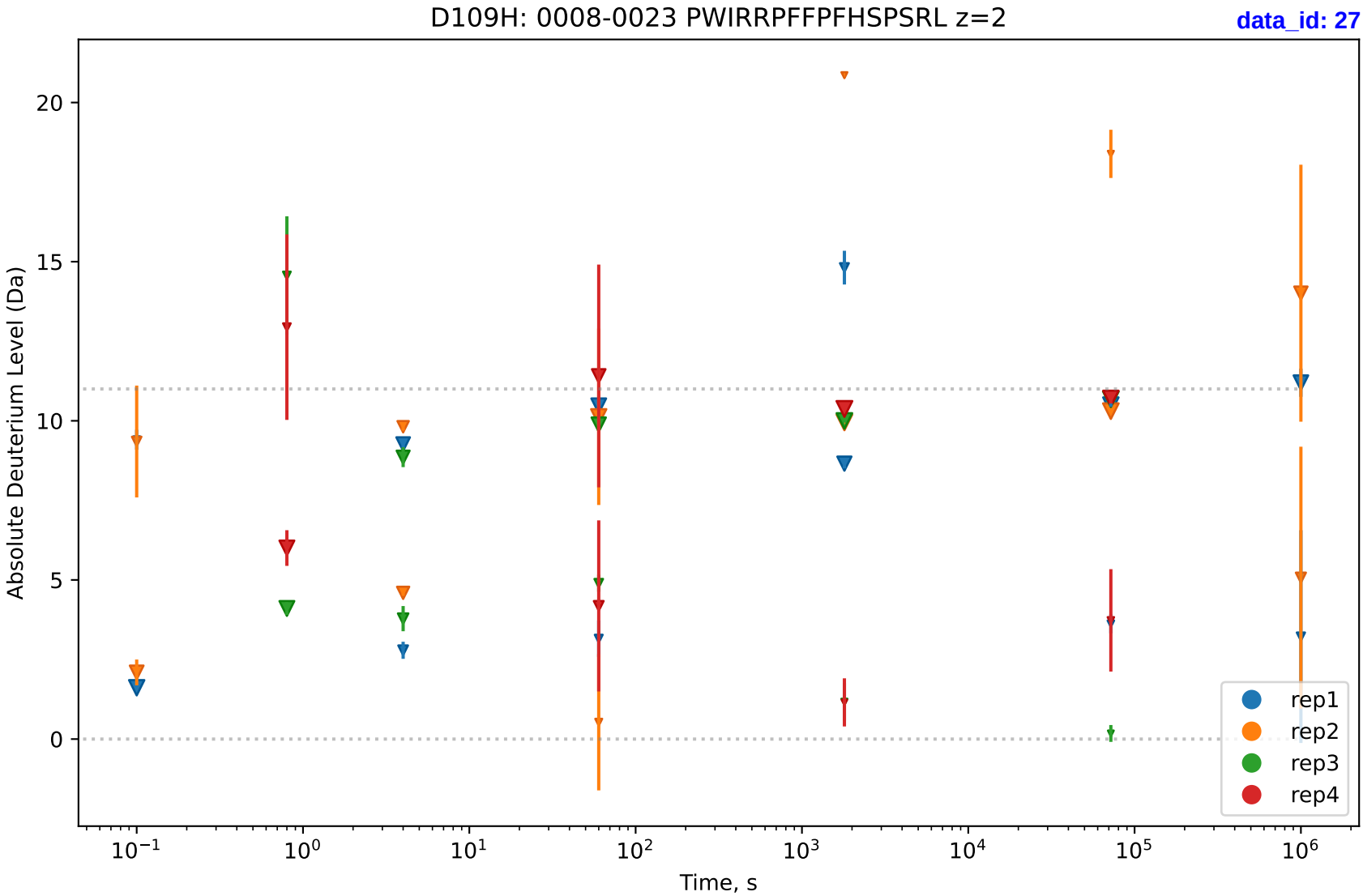

D109H: 0004-0023 AIHHPWIRRPFFPFHSPSRL z=3
Env res: 0.83
data UnDeut, rep 1
fit sum N=2
pop1 = 0.90
Dabs_1 = 0.0
m/z = 833.97
pop2 = 0.10
Dabs_2 = 12.9
m/z = 836.65
m/z = 833.96
Env res: 0.92
data UnDeut, rep 2
fit sum N=2
pop1 = 0.99
Dabs_1 = 0.0
m/z = 833.97
pop2 = 0.01
Dabs_2 = 16.5
m/z = 837.13
m/z = 834.00
Env res: 0.89
data UnDeut, rep 3
fit sum N=2
pop1 = 0.99
Dabs_1 = 0.0
m/z = 833.97
pop2 = 0.01
Dabs_2 = 12.8
m/z = 835.98
m/z = 833.98
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 1.02
data 0.1s, rep 1
fit sum N=2
pop1 = 0.19
Dabs_1 = 1.7
m/z = 834.41
pop2 = 0.81
Dabs_2 = 2.7
m/z = 835.98
m/z = 834.46
Env res: 1.21
data 0.1s, rep 2
fit sum N=2
pop1 = 0.83
Dabs_1 = 3.8
m/z = 834.68
pop2 = 0.17
Dabs_2 = 10.2
m/z = 835.93
m/z = 834.87
Replicates Overlay
data 0.1s
rep 1
rep 2
Env res: 1.73
data 0.8s, rep 2
fit sum N=2
pop1 = 0.38
Dabs_1 = 2.5
m/z = 834.45
pop2 = 0.62
Dabs_2 = 8.4
m/z = 835.49
m/z = 835.18
Env res: 1.34
data 0.8s, rep 3
fit sum N=2
pop1 = 0.81
Dabs_1 = 4.9
m/z = 834.86
pop2 = 0.19
Dabs_2 = 11.5
m/z = 836.07
m/z = 835.12
Env res: 1.32
data 0.8s, rep 4
fit sum N=2
pop1 = 0.88
Dabs_1 = 4.5
m/z = 834.79
pop2 = 0.12
Dabs_2 = 10.9
m/z = 835.95
m/z = 834.95
Replicates Overlay
data 0.8s
rep 2
rep 3
rep 4
Env res: 1.56
data 4.0s, rep 1
fit sum N=2
pop1 = 0.21
Dabs_1 = 3.1
m/z = 834.54
pop2 = 0.79
Dabs_2 = 9.6
m/z = 835.72
m/z = 835.49
Env res: 1.60
data 4.0s, rep 2
fit sum N=2
pop1 = 0.16
Dabs_1 = 2.7
m/z = 834.46
pop2 = 0.84
Dabs_2 = 9.2
m/z = 835.65
m/z = 835.53
Env res: 1.58
data 4.0s, rep 3
fit sum N=2
pop1 = 0.41
Dabs_1 = 4.8
m/z = 834.85
pop2 = 0.59
Dabs_2 = 10.4
m/z = 835.87
m/z = 835.46
Replicates Overlay
data 4.0s
rep 1
rep 2
rep 3
Env res: 1.43
data 60.0s, rep 1
fit sum N=2
pop1 = 0.11
Dabs_1 = 4.4
m/z = 834.76
pop2 = 0.89
Dabs_2 = 11.5
m/z = 836.07
m/z = 835.93
Env res: 1.49
data 60.0s, rep 2
fit sum N=2
pop1 = 0.11
Dabs_1 = 4.1
m/z = 834.72
pop2 = 0.89
Dabs_2 = 11.5
m/z = 836.07
m/z = 835.94
Env res: 1.44
data 60.0s, rep 3
fit sum N=2
pop1 = 0.06
Dabs_1 = 2.8
m/z = 834.47
pop2 = 0.94
Dabs_2 = 11.0
m/z = 835.97
m/z = 835.90
Env res: 1.48
data 60.0s, rep 4
fit sum N=2
pop1 = 0.09
Dabs_1 = 3.5
m/z = 834.60
pop2 = 0.91
Dabs_2 = 11.3
m/z = 836.03
m/z = 835.92
Replicates Overlay
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.27
data 1800.0s, rep 1
fit sum N=2
pop1 = 0.82
Dabs_1 = 11.2
m/z = 835.94
pop2 = 0.18
Dabs_2 = 16.2
m/z = 836.78
m/z = 836.16
Env res: 1.28
data 1800.0s, rep 2
fit sum N=2
pop1 = 0.08
Dabs_1 = 2.6
m/z = 834.36
pop2 = 0.92
Dabs_2 = 13.0
m/z = 836.16
m/z = 836.11
Env res: 1.26
data 1800.0s, rep 3
fit sum N=2
pop1 = 0.06
Dabs_1 = 5.3
m/z = 834.94
pop2 = 0.94
Dabs_2 = 11.9
m/z = 836.14
m/z = 836.10
Env res: 1.29
data 1800.0s, rep 4
fit sum N=2
pop1 = 0.03
Dabs_1 = 0.6
m/z = 834.08
pop2 = 0.97
Dabs_2 = 11.9
m/z = 836.14
m/z = 836.12
Replicates Overlay
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.20
data 72000.0s, rep 1
fit sum N=2
pop1 = 0.03
Dabs_1 = 1.8
m/z = 834.30
pop2 = 0.97
Dabs_2 = 12.4
m/z = 836.22
m/z = 836.22
Env res: 1.28
data 72000.0s, rep 2
fit sum N=2
pop1 = 0.03
Dabs_1 = 0.1
m/z = 833.98
pop2 = 0.97
Dabs_2 = 12.1
m/z = 836.18
m/z = 836.13
Env res: 1.23
data 72000.0s, rep 3
fit sum N=2
pop1 = 0.02
Dabs_1 = 0.0
m/z = 833.97
pop2 = 0.98
Dabs_2 = 12.2
m/z = 836.19
m/z = 836.16
Env res: 1.25
data 72000.0s, rep 4
fit sum N=2
pop1 = 0.02
Dabs_1 = 0.0
m/z = 833.97
pop2 = 0.98
Dabs_2 = 12.2
m/z = 836.19
m/z = 836.19
Replicates Overlay
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.31
data FullDeut, rep 1
fit sum N=2
pop1 = 0.85
Dabs_1 = 14.0
m/z = 833.97
pop2 = 0.15
Dabs_2 = 14.4
m/z = 836.52
m/z = 836.54
Env res: 1.38
data FullDeut, rep 2
fit sum N=2
pop1 = 0.05
Dabs_1 = 1.6
m/z = 834.26
pop2 = 0.95
Dabs_2 = 13.8
m/z = 836.49
m/z = 836.39
Replicates Overlay
data FullDeut
rep 1
rep 2
Intensity
m/z

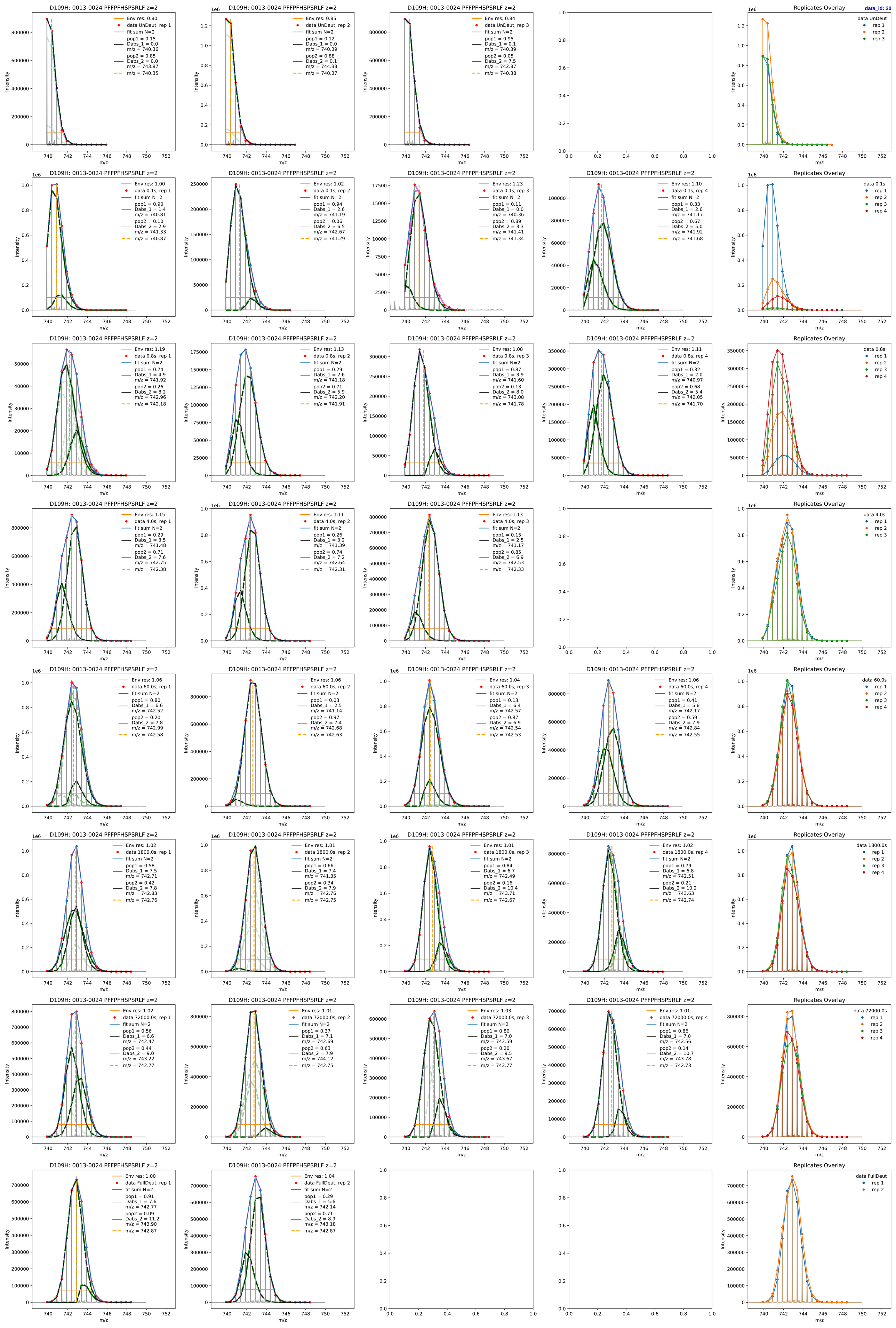
data_id: 24
D109H: 0004-0023 AIHHPWIRRPFFPFHSPSRL z=3
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
0.1s, rep1
0.1s, rep2
0.8s, rep2
0.8s, rep3
0.8s, rep4
4.0s, rep1
4.0s, rep2
4.0s, rep3
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, rep4
1800.0s, rep1
1800.0s, rep2
1800.0s, rep3
1800.0s, rep4
72000.0s, rep1
72000.0s, rep2
72000.0s, rep3
72000.0s, rep4
FullDeut, rep1
FullDeut, rep2
pop0
pop1
Centroid
Replicates Overlay
UnDeut
0.1s
0.8s
4.0s
60.0s
1800.0s
72000.0s
FullDeut
1_pop0
1_pop1
2_pop0
2_pop1
3_pop0
3_pop1
4_pop0
4_pop1
Absolute Deuterium Level (Da)
population

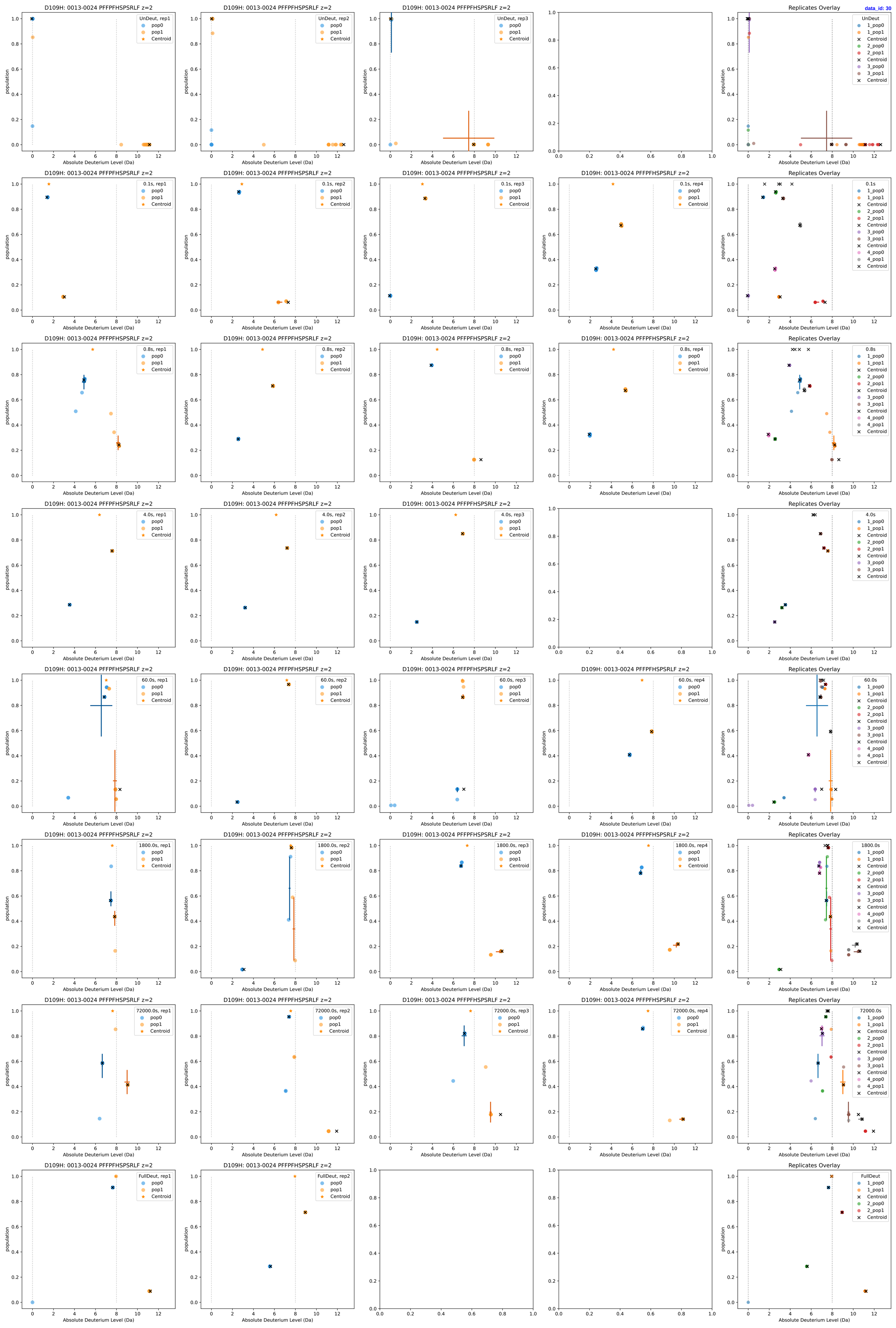

D109H: 0004-0023 AIHHPWIRRPFFPFHSPSRL z=3
data_id: 24
Absolute Deuterium Level (Da)
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
10^{-1}
10^{0}
10^{1}
10^{2}
10^{3}
10^{4}
10^{5}
10^{6}
Time, s
rep1
rep2
rep3
rep4

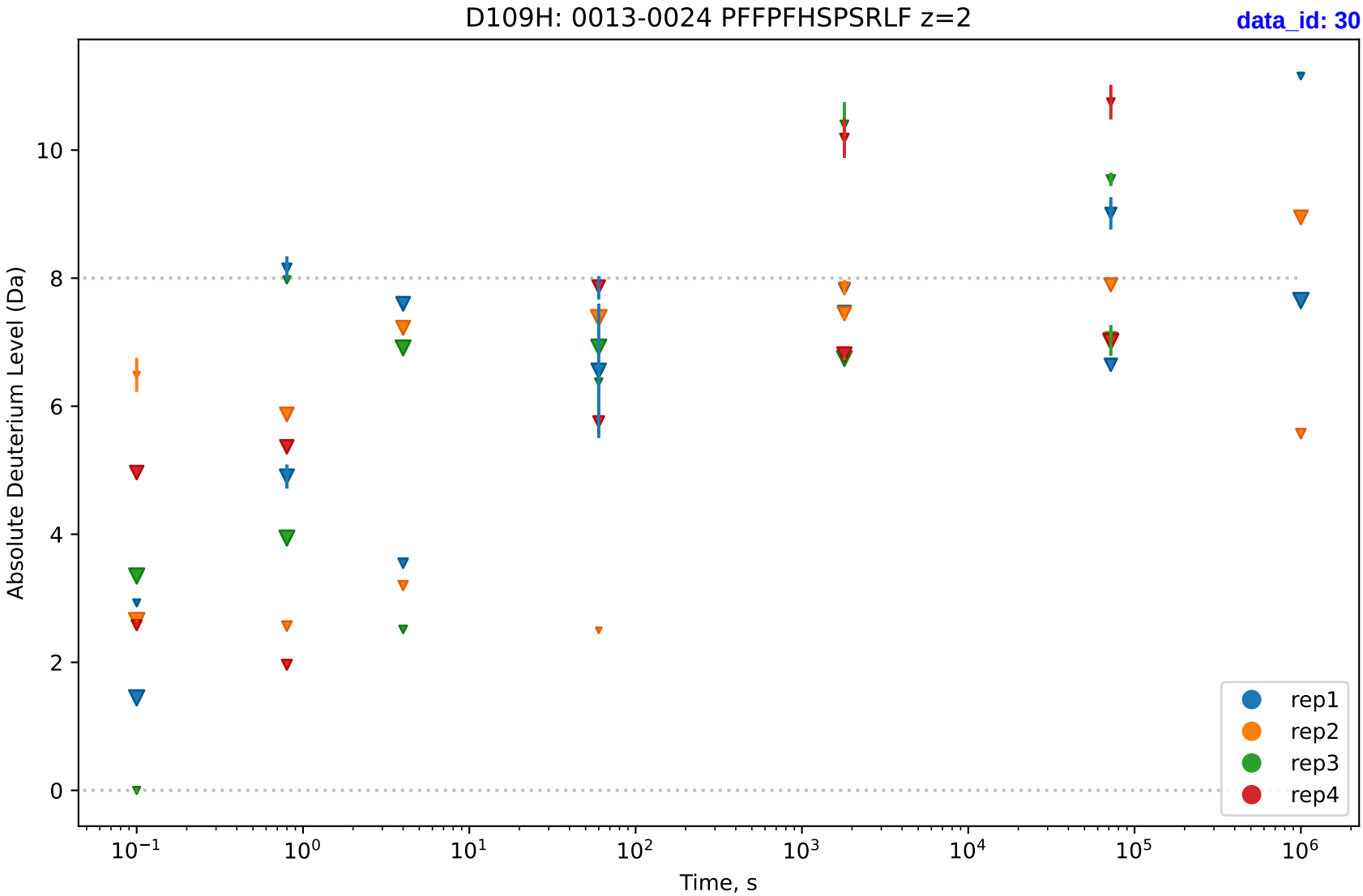

D109H: 0008-0023 PWIRRPFFPFHSPSRL z=2
Env res: 0.90
data UnDeut, rep 1
fit sum N=2
pop1 = 0.94
Dabs_1 = 0.1
m/z = 1021.23
pop2 = 0.06
Dabs_2 = 11.9
m/z = 1024.85
m/z = 1021.48
D109H: 0008-0023 PWIRRPFFPFHSPSRL z=2
Env res: 0.88
data UnDeut, rep 2
fit sum N=2
pop1 = 0.13
Dabs_1 = 0.0
m/z = 1021.20
pop2 = 0.87
Dabs_2 = 0.0
m/z = 1024.22
m/z = 1021.25
D109H: 0008-0023 PWIRRPFFPFHSPSRL z=2
Env res: 1.02
data UnDeut, rep 3
fit sum N=2
pop1 = 0.95
Dabs_1 = 0.0
m/z = 1021.20
pop2 = 0.05
Dabs_2 = 7.0
m/z = 1023.06
m/z = 1021.38
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
D109H: 0008-0023 PWIRRPFFPFHSPSRL z=2
Env res: 1.15
data 0.1s, rep 1
fit sum N=2
pop1 = 0.91
Dabs_1 = 1.6
m/z = 1021.68
pop2 = 0.09
Dabs_2 = 9.4
m/z = 1024.01
m/z = 1021.98
D109H: 0008-0023 PWIRRPFFPFHSPSRL z=2
Env res: 1.48
data 0.1s, rep 2
fit sum N=2
pop1 = 0.71
Dabs_1 = 2.1
m/z = 1021.83
pop2 = 0.29
Dabs_2 = 9.3
m/z = 1023.79
m/z = 1022.59
Replicates Overlay
data 0.1s
rep 1
rep 2
D109H: 0008-0023 PWIRRPFFPFHSPSRL z=2
Env res: 1.43
data 0.8s, rep 3
fit sum N=2
pop1 = 0.85
Dabs_1 = 4.1
m/z = 1022.45
pop2 = 0.15
Dabs_2 = 14.6
m/z = 1025.58
m/z = 1023.08
D109H: 0008-0023 PWIRRPFFPFHSPSRL z=2
Env res: 1.04
data 0.8s, rep 4
fit sum N=2
pop1 = 0.85
Dabs_1 = 6.0
m/z = 1023.06
pop2 = 0.15
Dabs_2 = 12.9
m/z = 1025.21
m/z = 1023.20
Replicates Overlay
data 0.8s
rep 3
rep 4
D109H: 0008-0023 PWIRRPFFPFHSPSRL z=2
Env res: 1.59
data 4.0s, rep 1
fit sum N=2
pop1 = 0.30
Dabs_1 = 2.8
m/z = 1021.97
pop2 = 0.70
Dabs_2 = 9.3
m/z = 1023.93
m/z = 1023.52
D109H: 0008-0023 PWIRRPFFPFHSPSRL z=2
Env res: 1.49
data 4.0s, rep 2
fit sum N=2
pop1 = 0.54
Dabs_1 = 4.6
m/z = 1022.57
pop2 = 0.46
Dabs_2 = 9.8
m/z = 1024.13
m/z = 1023.38
D109H: 0008-0023 PWIRRPFFPFHSPSRL z=2
Env res: 1.51
data 4.0s, rep 3
fit sum N=2
pop1 = 0.37
Dabs_1 = 3.8
m/z = 1022.33
pop2 = 0.63
Dabs_2 = 8.9
m/z = 1023.83
m/z = 1023.51
Replicates Overlay
data 4.0s
rep 1
rep 2
rep 3
D109H: 0008-0023 PWIRRPFFPFHSPSRL z=2
Env res: 1.59
data 60.0s, rep 1
fit sum N=2
pop1 = 0.17
Dabs_1 = 3.2
m/z = 1022.10
pop2 = 0.83
Dabs_2 = 10.5
m/z = 1024.32
m/z = 1024.16
D109H: 0008-0023 PWIRRPFFPFHSPSRL z=2
Env res: 1.60
data 60.0s, rep 2
fit sum N=2
pop1 = 0.11
Dabs_1 = 0.5
m/z = 1021.20
pop2 = 0.89
Dabs_2 = 10.1
m/z = 1024.03
m/z = 1024.21
D109H: 0008-0023 PWIRRPFFPFHSPSRL z=2
Env res: 1.49
data 60.0s, rep 3
fit sum N=2
pop1 = 0.22
Dabs_1 = 4.9
m/z = 1022.62
pop2 = 0.78
Dabs_2 = 9.9
m/z = 1024.13
m/z = 1023.88
D109H: 0008-0023 PWIRRPFFPFHSPSRL z=2
Env res: 1.84
data 60.0s, rep 4
fit sum N=2
pop1 = 0.31
Dabs_1 = 4.2
m/z = 1022.03
pop2 = 0.69
Dabs_2 = 11.4
m/z = 1024.00
m/z = 1023.99
Replicates Overlay
data 60.0s
rep 1
rep 2
rep 3
rep 4
D109H: 0008-0023 PWIRRPFFPFHSPSRL z=2
Env res: 2.05
data 1800.0s, rep 1
fit sum N=2
pop1 = 0.76
Dabs_1 = 8.7
m/z = 1023.76
pop2 = 0.24
Dabs_2 = 14.8
m/z = 1025.78
m/z = 1024.36
D109H: 0008-0023 PWIRRPFFPFHSPSRL z=2
Env res: 1.29
data 1800.0s, rep 2
fit sum N=2
pop1 = 0.95
Dabs_1 = 9.9
m/z = 1021.20
pop2 = 0.05
Dabs_2 = 20.9
m/z = 1024.19
m/z = 1024.28
D109H: 0008-0023 PWIRRPFFPFHSPSRL z=2
Env res: 1.45
data 1800.0s, rep 3
fit sum N=2
pop1 = 0.06
Dabs_1 = 1.2
m/z = 1021.24
pop2 = 0.94
Dabs_2 = 10.0
m/z = 1024.18
m/z = 1024.32
D109H: 0008-0023 PWIRRPFFPFHSPSRL z=2
Env res: 1.29
data 1800.0s, rep 4
fit sum N=2
pop1 = 0.03
Dabs_1 = 1.2
m/z = 1021.54
pop2 = 0.97
Dabs_2 = 10.4
m/z = 1024.30
m/z = 1024.24
Replicates Overlay
data 1800.0s
rep 1
rep 2
rep 3
rep 4
D109H: 0008-0023 PWIRRPFFPFHSPSRL z=2
Env res: 1.38
data 72000.0s, rep 1
fit sum N=2
pop1 = 0.08
Dabs_1 = 3.6
m/z = 1022.25
pop2 = 0.92
Dabs_2 = 10.5
m/z = 1024.34
m/z = 1024.40
D109H: 0008-0023 PWIRRPFFPFHSPSRL z=2
Env res: 1.40
data 72000.0s, rep 2
fit sum N=2
pop1 = 0.95
Dabs_1 = 10.3
m/z = 1024.29
pop2 = 0.05
Dabs_2 = 18.4
m/z = 1026.92
m/z = 1024.48
D109H: 0008-0023 PWIRRPFFPFHSPSRL z=2
Env res: 1.41
data 72000.0s, rep 3
fit sum N=2
pop1 = 0.04
Dabs_1 = 0.2
m/z = 1021.21
pop2 = 0.96
Dabs_2 = 10.7
m/z = 1024.39
m/z = 1024.46
D109H: 0008-0023 PWIRRPFFPFHSPSRL z=2
Env res: 1.39
data 72000.0s, rep 4
fit sum N=2
pop1 = 0.08
Dabs_1 = 3.7
m/z = 1021.52
pop2 = 0.92
Dabs_2 = 10.7
m/z = 1024.35
m/z = 1024.50
Replicates Overlay
data 72000.0s
rep 1
rep 2
rep 3
rep 4
D109H: 0008-0023 PWIRRPFFPFHSPSRL z=2
Env res: 1.36
data FullDeut, rep 1
fit sum N=2
pop1 = 0.19
Dabs_1 = 3.2
m/z = 1021.68
pop2 = 0.81
Dabs_2 = 11.2
m/z = 1024.48
m/z = 1024.41
D109H: 0008-0023 PWIRRPFFPFHSPSRL z=2
Env res: 2.21
data FullDeut, rep 2
fit sum N=2
pop1 = 0.34
Dabs_1 = 5.1
m/z = 1021.99
pop2 = 0.66
Dabs_2 = 14.0
m/z = 1024.55
m/z = 1024.94
Replicates Overlay
data FullDeut
rep 1
rep 2
Intensity
m/z

data_id: 27
D109H: 0008-0023 PWIRRPFFPFHSPSRL z=2
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
0.1s, rep1
0.1s, rep2
0.8s, rep3
0.8s, rep4
4.0s, rep1
4.0s, rep2
4.0s, rep3
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, rep4
1800.0s, rep1
1800.0s, rep2
1800.0s, rep3
1800.0s, rep4
72000.0s, rep1
72000.0s, rep2
72000.0s, rep3
72000.0s, rep4
FullDeut, rep1
FullDeut, rep2
pop0
pop1
Centroid
Replicates Overlay
UnDeut
0.1s
0.8s
4.0s
60.0s
1800.0s
72000.0s
FullDeut
1_pop0
1_pop1
2_pop0
2_pop1
3_pop0
3_pop1
4_pop0
4_pop1
Absolute Deuterium Level (Da)
population

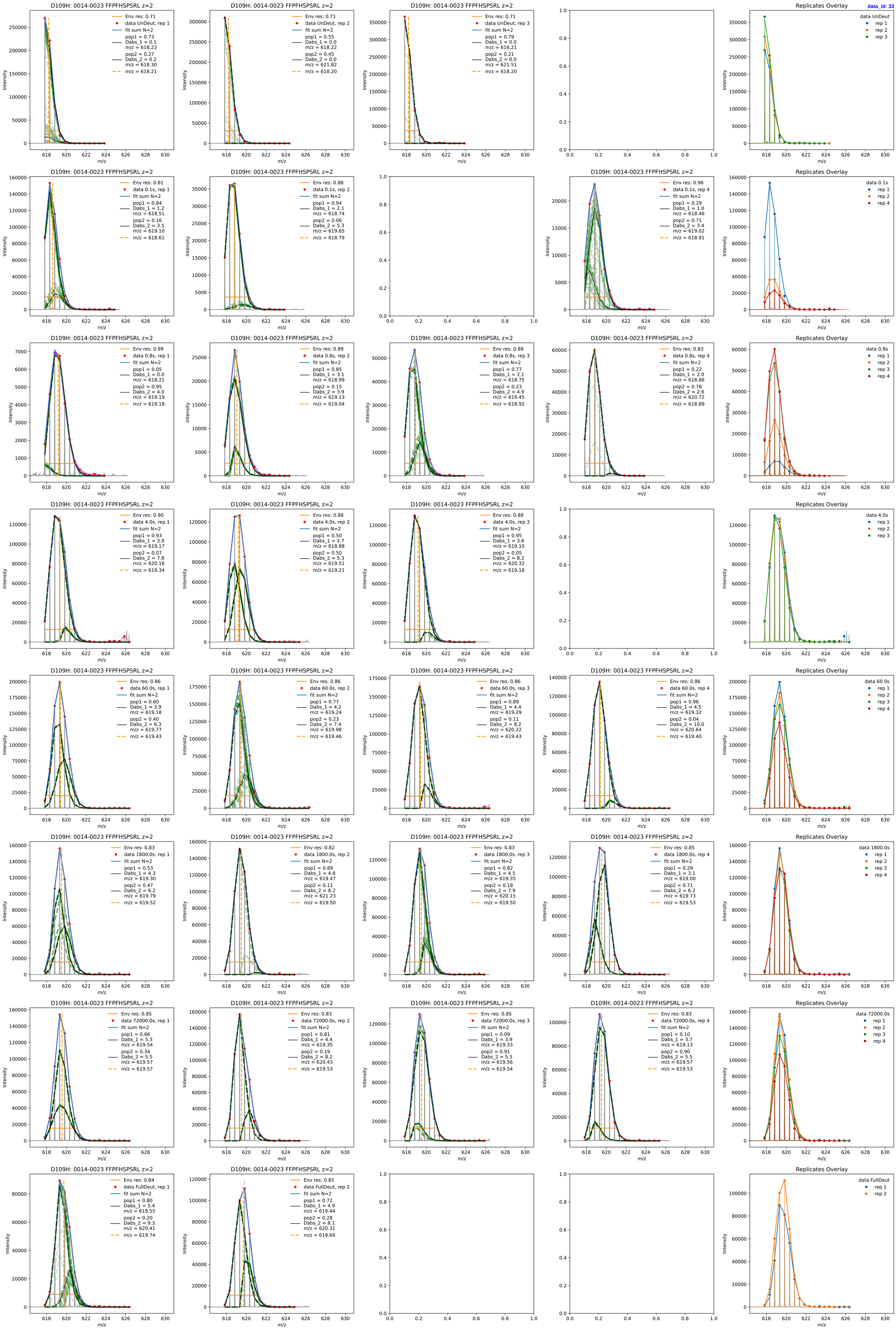

D109H: 0008-0023 PWIRRPFFPFHSPSRL z=2
data_id: 27
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4

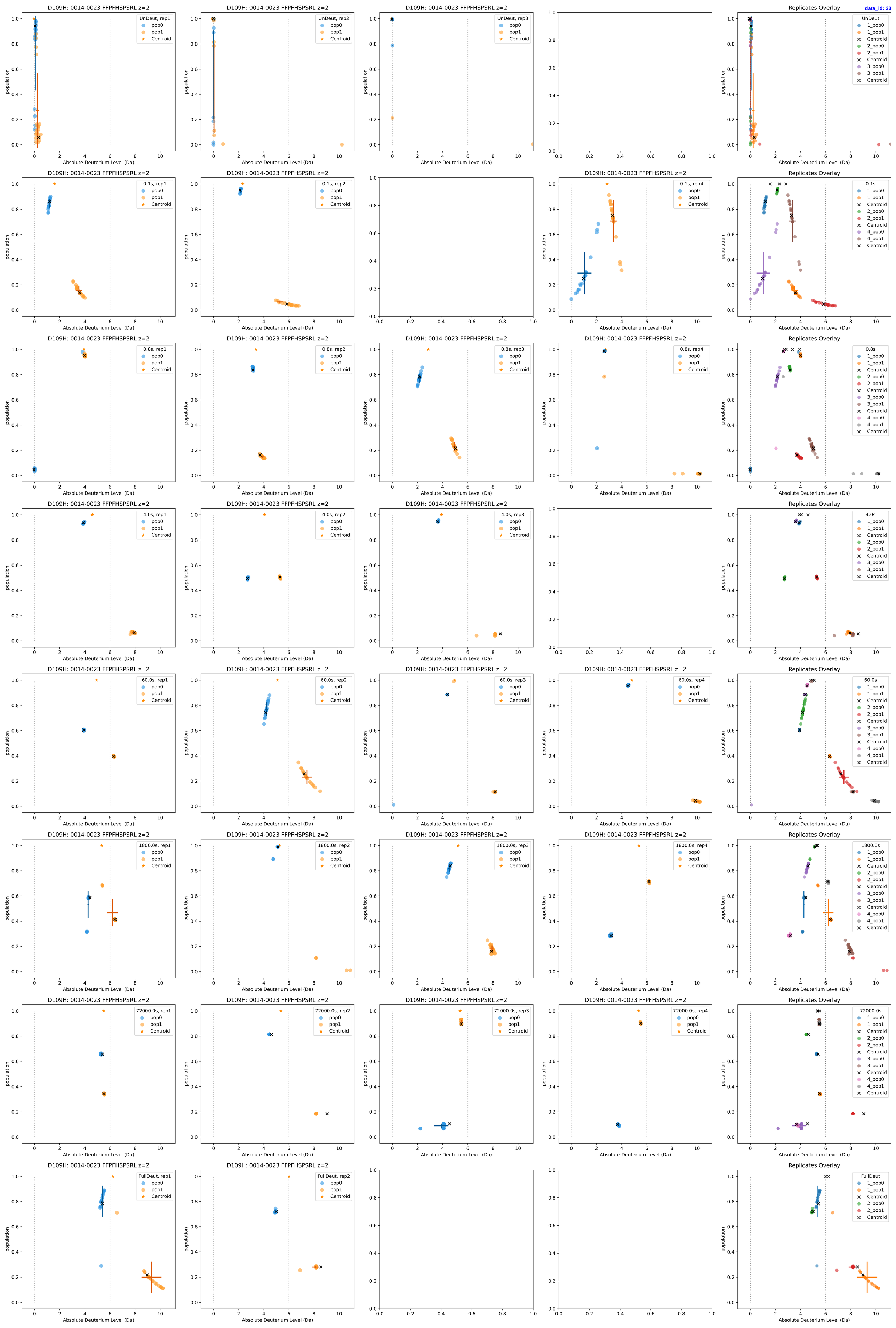

data_id: 30
D109H: 0013-0024 PFFPFHSPSRLF z=2
Env res: 0.80
data UnDeut, rep 1
fit sum N=2
pop1 = 0.15
Dabs_1 = 0.0
m/z = 740.36
pop2 = 0.85
Dabs_2 = 0.0
m/z = 743.87
m/z = 740.35
Env res: 0.85
data UnDeut, rep 2
pop1 = 0.12
Dabs_1 = 0.0
m/z = 740.39
pop2 = 0.88
Dabs_2 = 0.1
m/z = 744.33
m/z = 740.37
Env res: 0.84
data UnDeut, rep 3
pop1 = 0.95
Dabs_1 = 0.1
m/z = 740.39
pop2 = 0.05
Dabs_2 = 7.5
m/z = 742.87
m/z = 740.38
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 1.00
data 0.1s, rep 1
pop1 = 0.90
Dabs_1 = 1.4
m/z = 740.81
pop2 = 0.10
Dabs_2 = 2.9
m/z = 741.33
m/z = 740.87
Env res: 1.02
data 0.1s, rep 2
pop1 = 0.94
Dabs_1 = 2.6
m/z = 741.19
pop2 = 0.06
Dabs_2 = 6.5
m/z = 742.67
m/z = 741.29
Env res: 1.23
data 0.1s, rep 3
pop1 = 0.11
Dabs_1 = 0.0
m/z = 740.36
pop2 = 0.89
Dabs_2 = 3.3
m/z = 741.41
m/z = 741.34
Env res: 1.10
data 0.1s, rep 4
pop1 = 0.33
Dabs_1 = 2.6
m/z = 741.17
pop2 = 0.67
Dabs_2 = 5.0
m/z = 741.92
m/z = 741.68
Replicates Overlay
data 0.1s
rep 1
rep 2
rep 3
rep 4
Env res: 1.19
data 0.8s, rep 1
pop1 = 0.74
Dabs_1 = 4.9
m/z = 741.92
pop2 = 0.26
Dabs_2 = 8.2
m/z = 742.96
m/z = 742.18
Env res: 1.13
data 0.8s, rep 2
pop1 = 0.29
Dabs_1 = 2.6
m/z = 741.18
pop2 = 0.71
Dabs_2 = 5.9
m/z = 742.20
m/z = 741.91
Env res: 1.08
data 0.8s, rep 3
pop1 = 0.87
Dabs_1 = 3.9
m/z = 741.60
pop2 = 0.13
Dabs_2 = 8.0
m/z = 743.08
m/z = 741.78
Env res: 1.11
data 0.8s, rep 4
pop1 = 0.32
Dabs_1 = 2.0
m/z = 740.97
pop2 = 0.68
Dabs_2 = 5.4
m/z = 742.05
m/z = 741.70
Replicates Overlay
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 1.15
data 4.0s, rep 1
pop1 = 0.29
Dabs_1 = 3.5
m/z = 741.48
pop2 = 0.71
Dabs_2 = 7.6
m/z = 742.75
m/z = 742.38
Env res: 1.11
data 4.0s, rep 2
pop1 = 0.26
Dabs_1 = 3.2
m/z = 741.39
pop2 = 0.74
Dabs_2 = 7.2
m/z = 742.64
m/z = 742.31
Env res: 1.13
data 4.0s, rep 3
pop1 = 0.15
Dabs_1 = 2.5
m/z = 741.17
pop2 = 0.85
Dabs_2 = 6.9
m/z = 742.53
m/z = 742.33
Replicates Overlay
data 4.0s
rep 1
rep 2
rep 3
Env res: 1.06
data 60.0s, rep 1
pop1 = 0.80
Dabs_1 = 6.6
m/z = 742.52
pop2 = 0.20
Dabs_2 = 7.8
m/z = 742.99
m/z = 742.58
Env res: 1.06
data 60.0s, rep 2
pop1 = 0.03
Dabs_1 = 2.5
m/z = 741.14
pop2 = 0.97
Dabs_2 = 7.4
m/z = 742.68
m/z = 742.63
Env res: 1.04
data 60.0s, rep 3
pop1 = 0.13
Dabs_1 = 6.4
m/z = 742.57
pop2 = 0.87
Dabs_2 = 6.9
m/z = 742.54
m/z = 742.53
Env res: 1.06
data 60.0s, rep 4
pop1 = 0.41
Dabs_1 = 5.8
m/z = 742.17
pop2 = 0.59
Dabs_2 = 7.9
m/z = 742.84
m/z = 742.55
Replicates Overlay
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.02
data 1800.0s, rep 1
pop1 = 0.58
Dabs_1 = 7.5
m/z = 742.71
pop2 = 0.42
Dabs_2 = 7.8
m/z = 742.83
m/z = 742.76
Env res: 1.01
data 1800.0s, rep 2
pop1 = 0.66
Dabs_1 = 7.4
m/z = 741.35
pop2 = 0.34
Dabs_2 = 7.9
m/z = 742.76
m/z = 742.75
Env res: 1.01
data 1800.0s, rep 3
pop1 = 0.84
Dabs_1 = 6.7
m/z = 742.49
pop2 = 0.16
Dabs_2 = 10.4
m/z = 743.71
m/z = 742.67
Env res: 1.02
data 1800.0s, rep 4
pop1 = 0.79
Dabs_1 = 6.8
m/z = 742.51
pop2 = 0.21
Dabs_2 = 10.2
m/z = 743.63
m/z = 742.74
Replicates Overlay
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.02
data 72000.0s, rep 1
pop1 = 0.56
Dabs_1 = 6.6
m/z = 742.47
pop2 = 0.44
Dabs_2 = 9.0
m/z = 743.22
m/z = 742.77
Env res: 1.01
data 72000.0s, rep 2
pop1 = 0.37
Dabs_1 = 7.1
m/z = 742.69
pop2 = 0.63
Dabs_2 = 7.9
m/z = 744.12
m/z = 742.75
Env res: 1.03
data 72000.0s, rep 3
pop1 = 0.80
Dabs_1 = 7.0
m/z = 742.59
pop2 = 0.20
Dabs_2 = 9.5
m/z = 743.67
m/z = 742.77
Env res: 1.01
data 72000.0s, rep 4
pop1 = 0.86
Dabs_1 = 7.0
m/z = 742.56
pop2 = 0.14
Dabs_2 = 10.7
m/z = 743.78
m/z = 742.73
Replicates Overlay
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.00
data FullDeut, rep 1
pop1 = 0.91
Dabs_1 = 7.6
m/z = 742.77
pop2 = 0.09
Dabs_2 = 11.2
m/z = 743.90
m/z = 742.87
Env res: 1.04
data FullDeut, rep 2
pop1 = 0.29
Dabs_1 = 5.6
m/z = 742.14
pop2 = 0.71
Dabs_2 = 8.9
m/z = 743.18
m/z = 742.87
Replicates Overlay
data FullDeut
rep 1
rep 2
Intensity
m/z

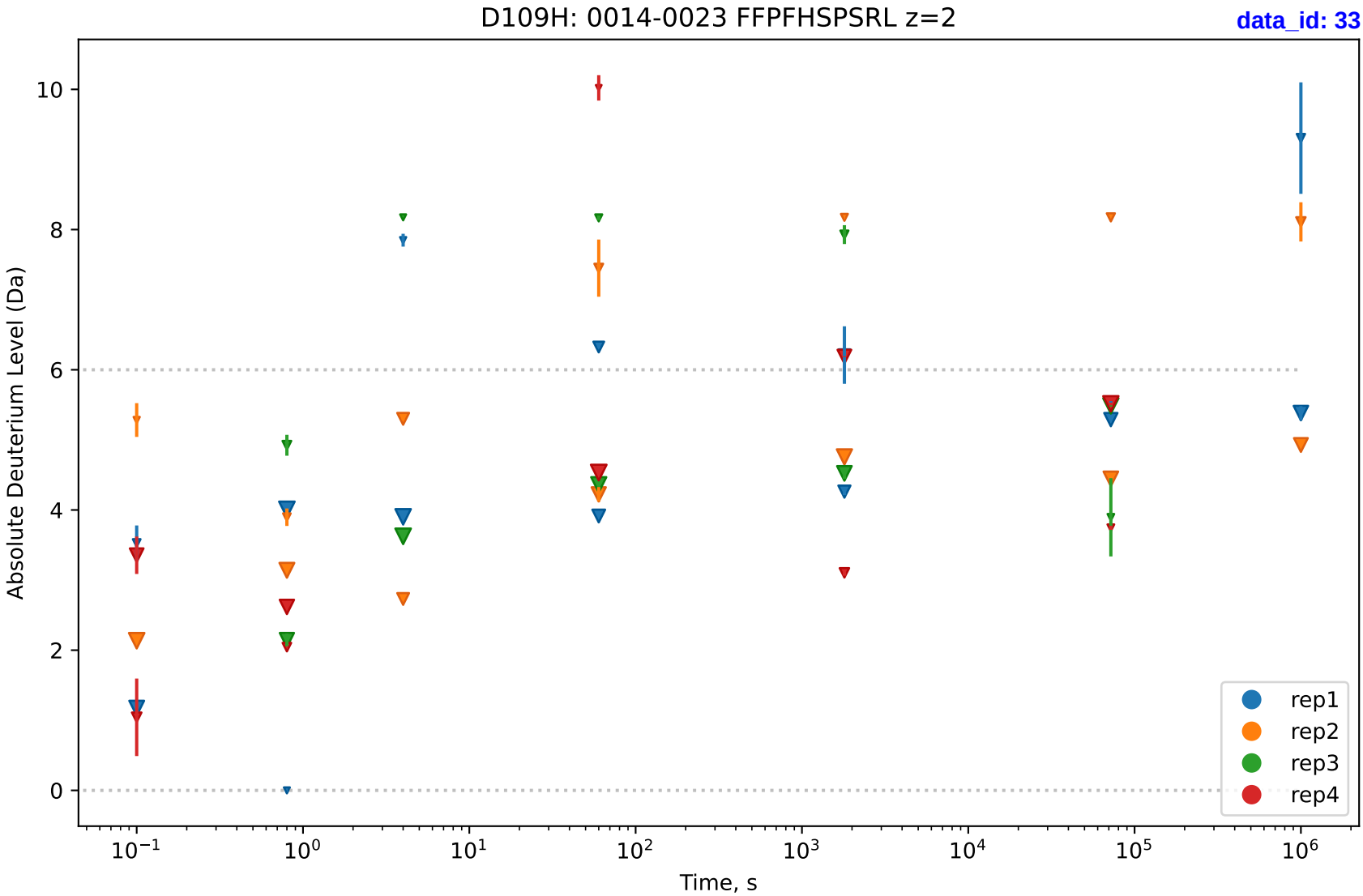

data_id: 30
D109H: 0013-0024 PFFPFHSPSRLF z=2
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
Replicates Overlay
UnDeut
0.1s, rep1
0.1s, rep2
0.1s, rep3
0.1s, rep4
0.1s
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
0.8s
4.0s, rep1
4.0s, rep2
4.0s, rep3
4.0s
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, rep4
60.0s
1800.0s, rep1
1800.0s, rep2
1800.0s, rep3
1800.0s, rep4
1800.0s
72000.0s, rep1
72000.0s, rep2
72000.0s, rep3
72000.0s, rep4
72000.0s
FullDeut, rep1
FullDeut, rep2
FullDeut
pop0
pop1
Centroid
1_pop0
1_pop1
2_pop0
2_pop1
3_pop0
3_pop1
4_pop0
4_pop1
population
Absolute Deuterium Level (Da)

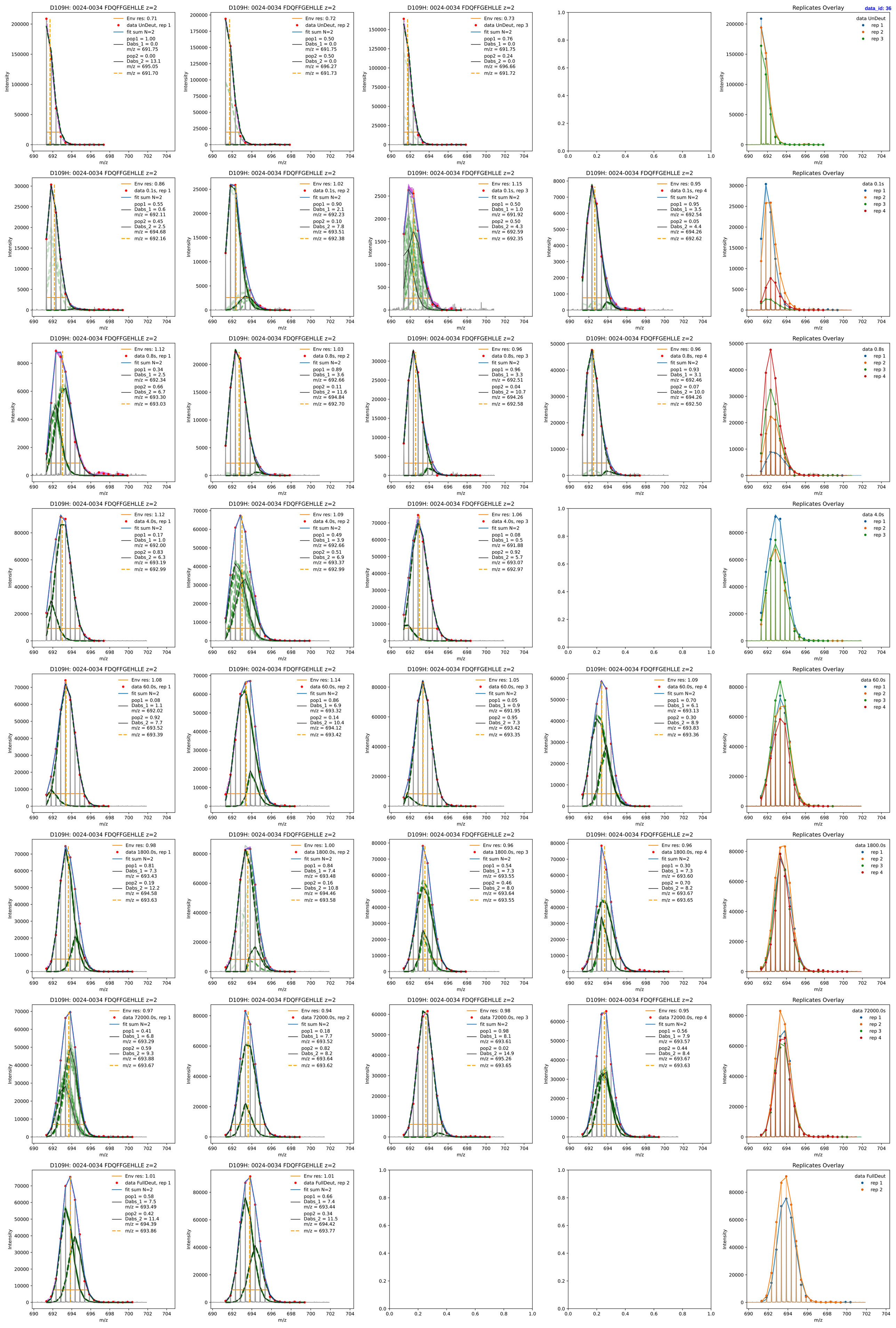

D109H: 0013-0024 PFFPFHSPSRLF z=2
data_id: 30
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4

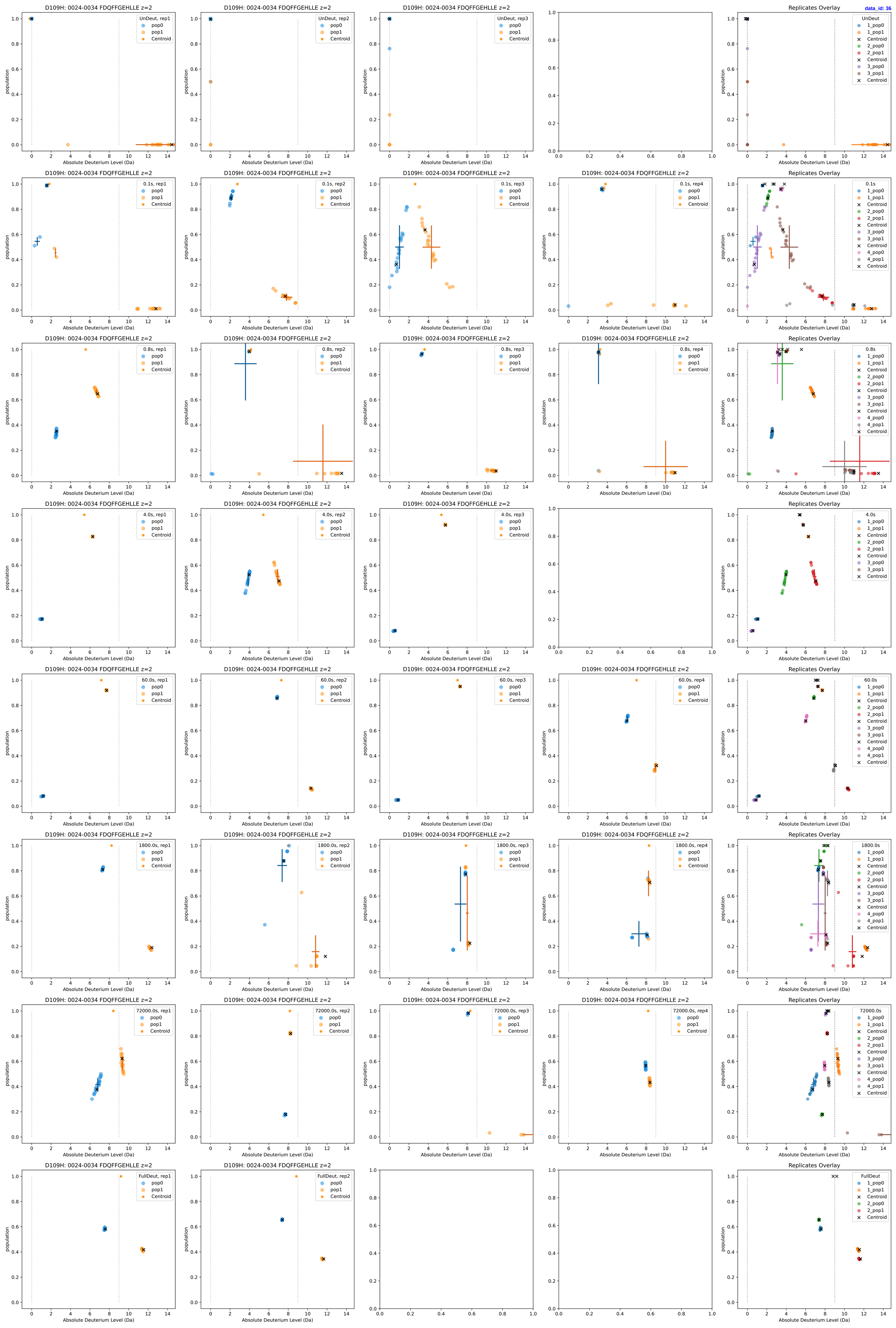
data_id: 33

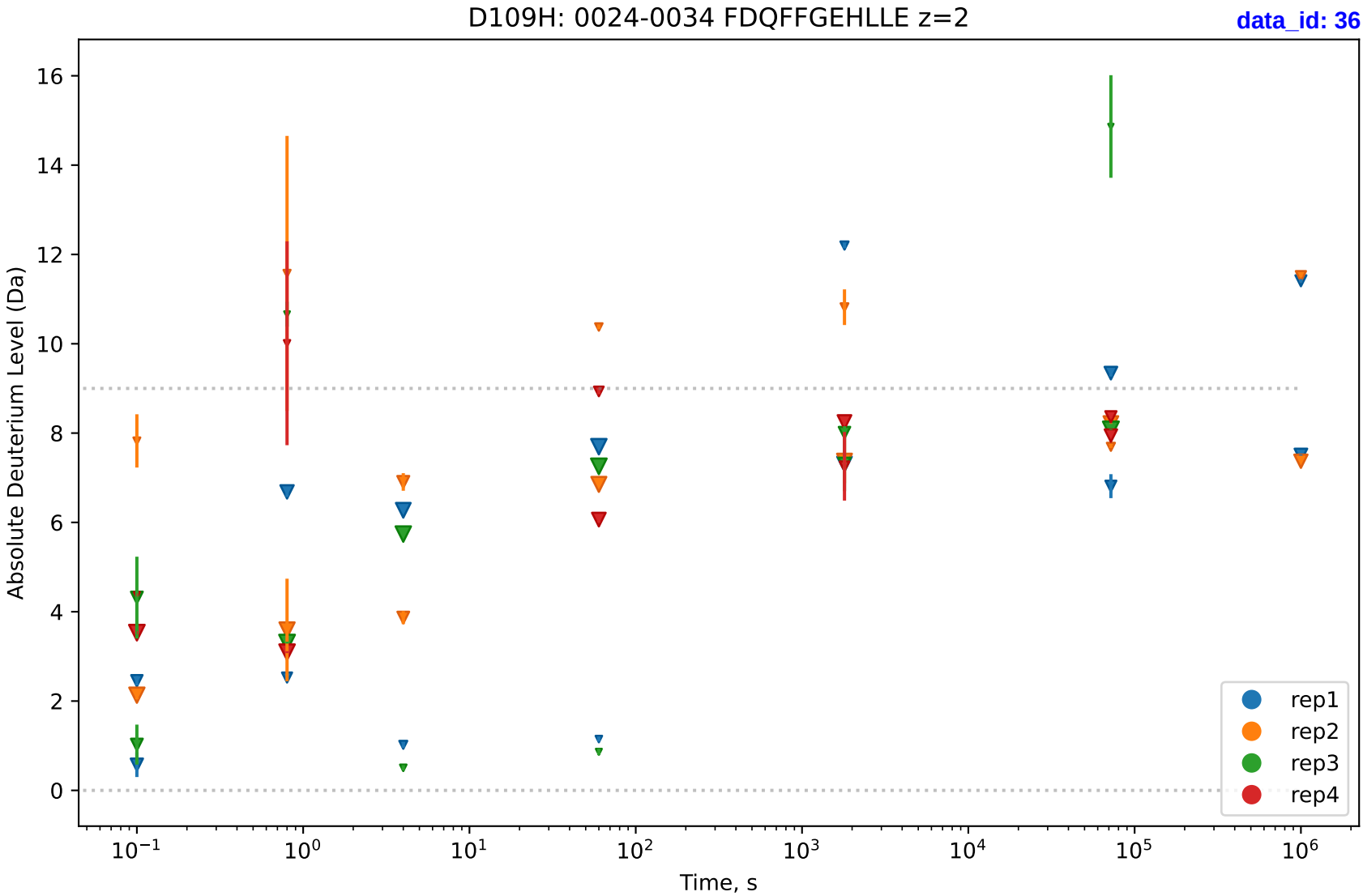

D109H: 0014-0023 FFPFHSPSRL z=2
Env res: 0.71
data UnDeut, rep 1
fit sum N=2
pop1 = 0.73
Dabs_1 = 0.1
m/z = 618.23
pop2 = 0.27
Dabs_2 = 0.2
m/z = 618.30
m/z = 618.21
D109H: 0014-0023 FFPFHSPSRL z=2
Env res: 0.71
data UnDeut, rep 2
fit sum N=2
pop1 = 0.55
Dabs_1 = 0.0
m/z = 618.22
pop2 = 0.45
Dabs_2 = 0.0
m/z = 621.82
m/z = 618.20
D109H: 0014-0023 FFPFHSPSRL z=2
Env res: 0.71
data UnDeut, rep 3
fit sum N=2
pop1 = 0.79
Dabs_1 = 0.0
m/z = 618.21
pop2 = 0.21
Dabs_2 = 0.0
m/z = 621.51
m/z = 618.20
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
D109H: 0014-0023 FFPFHSPSRL z=2
Env res: 0.81
data 0.1s, rep 1
fit sum N=2
pop1 = 0.84
Dabs_1 = 1.2
m/z = 618.51
pop2 = 0.16
Dabs_2 = 3.5
m/z = 619.10
m/z = 618.61
D109H: 0014-0023 FFPFHSPSRL z=2
Env res: 0.88
data 0.1s, rep 2
fit sum N=2
pop1 = 0.94
Dabs_1 = 2.1
m/z = 618.74
pop2 = 0.06
Dabs_2 = 5.3
m/z = 619.65
m/z = 618.79
D109H: 0014-0023 FFPFHSPSRL z=2
Env res: 0.96
data 0.1s, rep 4
fit sum N=2
pop1 = 0.29
Dabs_1 = 1.0
m/z = 618.46
pop2 = 0.71
Dabs_2 = 3.4
m/z = 619.02
m/z = 618.91
Replicates Overlay
data 0.1s
rep 1
rep 2
rep 4
D109H: 0014-0023 FFPFHSPSRL z=2
Env res: 0.99
data 0.8s, rep 1
fit sum N=2
pop1 = 0.05
Dabs_1 = 0.0
m/z = 618.21
pop2 = 0.95
Dabs_2 = 4.0
m/z = 619.19
m/z = 619.18
D109H: 0014-0023 FFPFHSPSRL z=2
Env res: 0.89
data 0.8s, rep 2
fit sum N=2
pop1 = 0.85
Dabs_1 = 3.1
m/z = 618.99
pop2 = 0.15
Dabs_2 = 3.9
m/z = 619.13
m/z = 619.04
D109H: 0014-0023 FFPFHSPSRL z=2
Env res: 0.88
data 0.8s, rep 3
fit sum N=2
pop1 = 0.77
Dabs_1 = 2.1
m/z = 618.75
pop2 = 0.23
Dabs_2 = 4.9
m/z = 619.45
m/z = 618.92
D109H: 0014-0023 FFPFHSPSRL z=2
Env res: 0.83
data 0.8s, rep 4
fit sum N=2
pop1 = 0.22
Dabs_1 = 2.0
m/z = 618.86
pop2 = 0.78
Dabs_2 = 2.6
m/z = 620.72
m/z = 618.89
Replicates Overlay
data 0.8s
rep 1
rep 2
rep 3
rep 4
D109H: 0014-0023 FFPFHSPSRL z=2
Env res: 0.90
data 4.0s, rep 1
fit sum N=2
pop1 = 0.93
Dabs_1 = 3.9
m/z = 619.17
pop2 = 0.07
Dabs_2 = 7.8
m/z = 620.16
m/z = 619.34
D109H: 0014-0023 FFPFHSPSRL z=2
Env res: 0.88
data 4.0s, rep 2
fit sum N=2
pop1 = 0.50
Dabs_1 = 2.7
m/z = 618.88
pop2 = 0.50
Dabs_2 = 5.3
m/z = 619.51
m/z = 619.21
D109H: 0014-0023 FFPFHSPSRL z=2
Env res: 0.88
data 4.0s, rep 3
fit sum N=2
pop1 = 0.95
Dabs_1 = 3.6
m/z = 619.10
pop2 = 0.05
Dabs_2 = 8.2
m/z = 620.32
m/z = 619.18
Replicates Overlay
data 4.0s
rep 1
rep 2
rep 3
D109H: 0014-0023 FFPFHSPSRL z=2
Env res: 0.86
data 60.0s, rep 1
fit sum N=2
pop1 = 0.60
Dabs_1 = 3.9
m/z = 619.18
pop2 = 0.40
Dabs_2 = 6.3
m/z = 619.77
m/z = 619.43
D109H: 0014-0023 FFPFHSPSRL z=2
Env res: 0.86
data 60.0s, rep 2
fit sum N=2
pop1 = 0.77
Dabs_1 = 4.2
m/z = 619.24
pop2 = 0.23
Dabs_2 = 7.4
m/z = 619.98
m/z = 619.46
D109H: 0014-0023 FFPFHSPSRL z=2
Env res: 0.86
data 60.0s, rep 3
fit sum N=2
pop1 = 0.89
Dabs_1 = 4.4
m/z = 619.29
pop2 = 0.11
Dabs_2 = 8.2
m/z = 620.22
m/z = 619.43
D109H: 0014-0023 FFPFHSPSRL z=2
Env res: 0.86
data 60.0s, rep 4
fit sum N=2
pop1 = 0.96
Dabs_1 = 4.5
m/z = 619.32
pop2 = 0.04
Dabs_2 = 10.0
m/z = 620.64
m/z = 619.40
Replicates Overlay
data 60.0s
rep 1
rep 2
rep 3
rep 4
D109H: 0014-0023 FFPFHSPSRL z=2
Env res: 0.83
data 1800.0s, rep 1
fit sum N=2
pop1 = 0.53
Dabs_1 = 4.3
m/z = 619.30
pop2 = 0.47
Dabs_2 = 6.2
m/z = 619.79
m/z = 619.52
D109H: 0014-0023 FFPFHSPSRL z=2
Env res: 0.82
data 1800.0s, rep 2
fit sum N=2
pop1 = 0.89
Dabs_1 = 4.8
m/z = 619.47
pop2 = 0.11
Dabs_2 = 8.2
m/z = 621.23
m/z = 619.50
D109H: 0014-0023 FFPFHSPSRL z=2
Env res: 0.83
data 1800.0s, rep 3
fit sum N=2
pop1 = 0.82
Dabs_1 = 4.5
m/z = 619.35
pop2 = 0.18
Dabs_2 = 7.9
m/z = 620.15
m/z = 619.50
D109H: 0014-0023 FFPFHSPSRL z=2
Env res: 0.85
data 1800.0s, rep 4
fit sum N=2
pop1 = 0.29
Dabs_1 = 3.1
m/z = 619.00
pop2 = 0.71
Dabs_2 = 6.2
m/z = 619.73
m/z = 619.53
Replicates Overlay
data 1800.0s
rep 1
rep 2
rep 3
rep 4
D109H: 0014-0023 FFPFHSPSRL z=2
Env res: 0.85
data 72000.0s, rep 1
fit sum N=2
pop1 = 0.66
Dabs_1 = 5.3
m/z = 619.54
pop2 = 0.34
Dabs_2 = 5.5
m/z = 619.57
m/z = 619.57
D109H: 0014-0023 FFPFHSPSRL z=2
Env res: 0.83
data 72000.0s, rep 2
fit sum N=2
pop1 = 0.81
Dabs_1 = 4.4
m/z = 619.35
pop2 = 0.19
Dabs_2 = 8.2
m/z = 620.43
m/z = 619.53
D109H: 0014-0023 FFPFHSPSRL z=2
Env res: 0.85
data 72000.0s, rep 3
fit sum N=2
pop1 = 0.09
Dabs_1 = 3.9
m/z = 619.33
pop2 = 0.91
Dabs_2 = 5.5
m/z = 619.56
m/z = 619.54
D109H: 0014-0023 FFPFHSPSRL z=2
Env res: 0.83
data 72000.0s, rep 4
fit sum N=2
pop1 = 0.10
Dabs_1 = 3.7
m/z = 619.13
pop2 = 0.90
Dabs_2 = 5.5
m/z = 619.57
m/z = 619.53
Replicates Overlay
data 72000.0s
rep 1
rep 2
rep 3
rep 4
D109H: 0014-0023 FFPFHSPSRL z=2
Env res: 0.84
data FullDeut, rep 1
fit sum N=2
pop1 = 0.80
Dabs_1 = 5.4
m/z = 619.55
pop2 = 0.20
Dabs_2 = 9.3
m/z = 620.41
m/z = 619.74
D109H: 0014-0023 FFPFHSPSRL z=2
Env res: 0.85
data FullDeut, rep 2
fit sum N=2
pop1 = 0.72
Dabs_1 = 4.9
m/z = 619.44
pop2 = 0.28
Dabs_2 = 8.1
m/z = 620.31
m/z = 619.69
Replicates Overlay
data FullDeut
rep 1
rep 2
Intensity
m/z


data_id: 33
D109H: 0014-0023 FFPFHSPSRL z=2
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
Replicates Overlay
UnDeut
0.1s, rep1
0.1s, rep2
0.1s, rep4
0.1s
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
0.8s
4.0s, rep1
4.0s, rep2
4.0s, rep3
4.0s
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, rep4
60.0s
1800.0s, rep1
1800.0s, rep2
1800.0s, rep3
1800.0s, rep4
1800.0s
72000.0s, rep1
72000.0s, rep2
72000.0s, rep3
72000.0s, rep4
72000.0s
FullDeut, rep1
FullDeut, rep2
FullDeut
pop0
pop1
Centroid
1_pop0
1_pop1
2_pop0
2_pop1
3_pop0
3_pop1
4_pop0
4_pop1
population
Absolute Deuterium Level (Da)

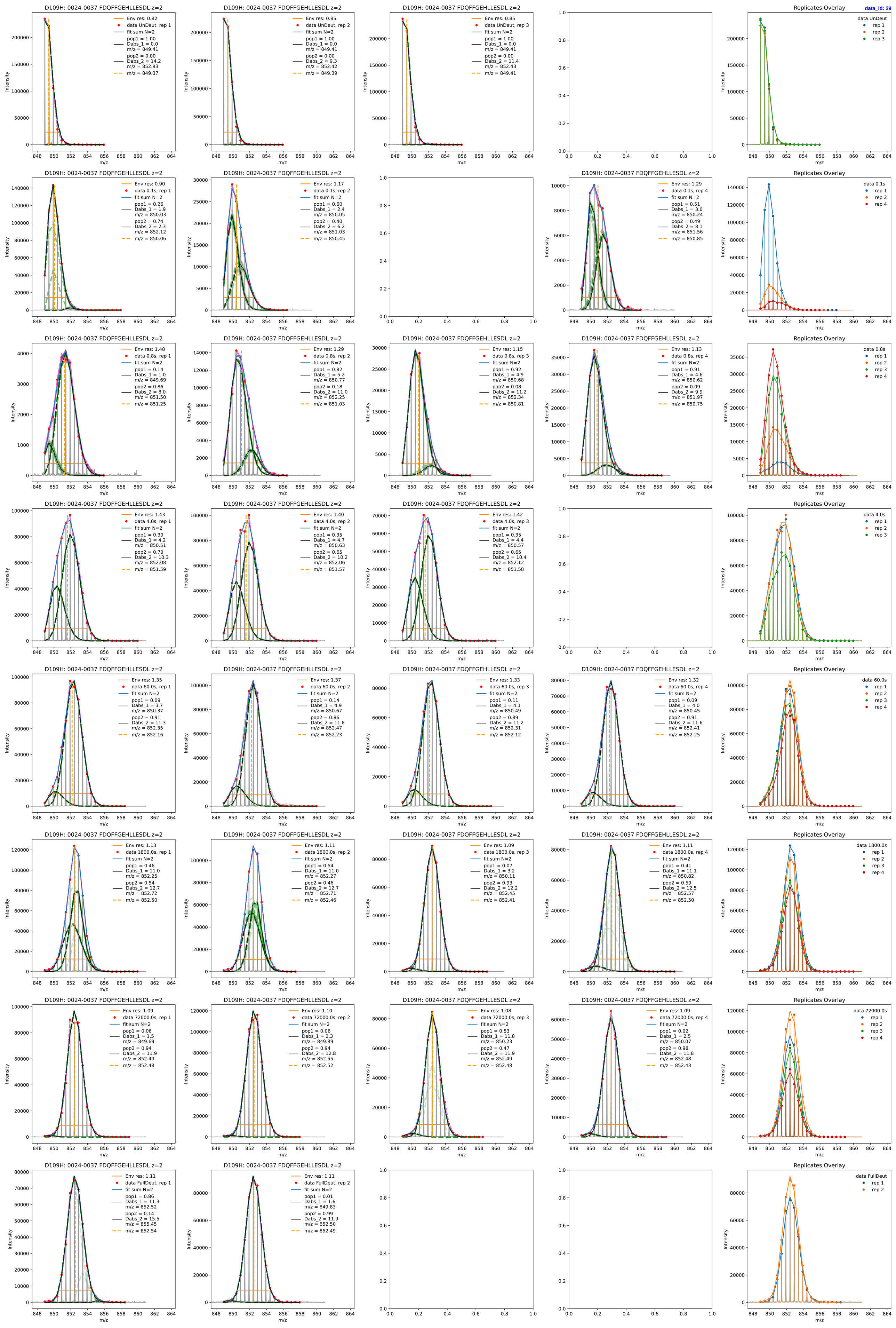

D109H: 0014-0023 FFPFHSPSRL z=2
data_id: 33
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4


data_id: 36
D109H: 0024-0034 FDQFFGEHLLE z=2
Env res: 0.71
data UnDeut, rep 1
fit sum N=2
pop1 = 1.00
Dabs_1 = 0.0
m/z = 691.75
pop2 = 0.00
Dabs_2 = 13.1
m/z = 695.05
m/z = 691.70
Env res: 0.72
data UnDeut, rep 2
fit sum N=2
pop1 = 0.50
Dabs_1 = 0.0
m/z = 691.75
pop2 = 0.50
Dabs_2 = 0.0
m/z = 696.27
m/z = 691.73
Env res: 0.73
data UnDeut, rep 3
fit sum N=2
pop1 = 0.76
Dabs_1 = 0.0
m/z = 691.75
pop2 = 0.24
Dabs_2 = 0.0
m/z = 696.66
m/z = 691.72
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 0.86
data 0.1s, rep 1
fit sum N=2
pop1 = 0.55
Dabs_1 = 0.6
m/z = 692.11
pop2 = 0.45
Dabs_2 = 2.5
m/z = 694.68
m/z = 692.16
Env res: 1.02
data 0.1s, rep 2
fit sum N=2
pop1 = 0.90
Dabs_1 = 2.1
m/z = 692.23
pop2 = 0.10
Dabs_2 = 7.8
m/z = 693.51
m/z = 692.38
Env res: 1.15
data 0.1s, rep 3
fit sum N=2
pop1 = 0.50
Dabs_1 = 1.0
m/z = 691.92
pop2 = 0.50
Dabs_2 = 4.3
m/z = 692.59
m/z = 692.35
Env res: 0.95
data 0.1s, rep 4
fit sum N=2
pop1 = 0.95
Dabs_1 = 3.5
m/z = 692.54
pop2 = 0.05
Dabs_2 = 4.4
m/z = 694.26
m/z = 692.62
Replicates Overlay
data 0.1s
rep 1
rep 2
rep 3
rep 4
Env res: 1.12
data 0.8s, rep 1
fit sum N=2
pop1 = 0.34
Dabs_1 = 2.5
m/z = 692.34
pop2 = 0.66
Dabs_2 = 6.7
m/z = 693.30
m/z = 693.03
Env res: 1.03
data 0.8s, rep 2
fit sum N=2
pop1 = 0.89
Dabs_1 = 3.6
m/z = 692.66
pop2 = 0.11
Dabs_2 = 11.6
m/z = 694.84
m/z = 692.70
Env res: 0.96
data 0.8s, rep 3
fit sum N=2
pop1 = 0.96
Dabs_1 = 3.3
m/z = 692.51
pop2 = 0.04
Dabs_2 = 10.7
m/z = 694.26
m/z = 692.58
Env res: 0.96
data 0.8s, rep 4
fit sum N=2
pop1 = 0.93
Dabs_1 = 3.1
m/z = 692.46
pop2 = 0.07
Dabs_2 = 10.0
m/z = 694.26
m/z = 692.50
Replicates Overlay
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 1.12
data 4.0s, rep 1
fit sum N=2
pop1 = 0.17
Dabs_1 = 1.0
m/z = 692.00
pop2 = 0.83
Dabs_2 = 6.3
m/z = 693.19
m/z = 692.99
Env res: 1.09
data 4.0s, rep 2
fit sum N=2
pop1 = 0.49
Dabs_1 = 3.9
m/z = 692.66
pop2 = 0.51
Dabs_2 = 6.9
m/z = 693.37
m/z = 692.99
Env res: 1.06
data 4.0s, rep 3
fit sum N=2
pop1 = 0.08
Dabs_1 = 0.5
m/z = 691.88
pop2 = 0.92
Dabs_2 = 5.7
m/z = 693.07
m/z = 692.97
Replicates Overlay
data 4.0s
rep 1
rep 2
rep 3
Env res: 1.08
data 60.0s, rep 1
fit sum N=2
pop1 = 0.08
Dabs_1 = 1.1
m/z = 692.02
pop2 = 0.92
Dabs_2 = 7.7
m/z = 693.52
m/z = 693.39
Env res: 1.14
data 60.0s, rep 2
fit sum N=2
pop1 = 0.86
Dabs_1 = 6.9
m/z = 693.32
pop2 = 0.14
Dabs_2 = 10.4
m/z = 694.12
m/z = 693.42
Env res: 1.05
data 60.0s, rep 3
fit sum N=2
pop1 = 0.05
Dabs_1 = 0.9
m/z = 691.95
pop2 = 0.95
Dabs_2 = 7.3
m/z = 693.42
m/z = 693.35
Env res: 1.09
data 60.0s, rep 4
fit sum N=2
pop1 = 0.70
Dabs_1 = 6.1
m/z = 693.13
pop2 = 0.30
Dabs_2 = 8.9
m/z = 693.83
m/z = 693.36
Replicates Overlay
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 0.98
data 1800.0s, rep 1
fit sum N=2
pop1 = 0.81
Dabs_1 = 7.3
m/z = 693.43
pop2 = 0.19
Dabs_2 = 12.2
m/z = 694.58
m/z = 693.63
Env res: 1.00
data 1800.0s, rep 2
fit sum N=2
pop1 = 0.84
Dabs_1 = 7.4
m/z = 693.48
pop2 = 0.16
Dabs_2 = 10.8
m/z = 694.46
m/z = 693.58
Env res: 0.96
data 1800.0s, rep 3
fit sum N=2
pop1 = 0.54
Dabs_1 = 7.3
m/z = 693.55
pop2 = 0.46
Dabs_2 = 8.0
m/z = 693.64
m/z = 693.55
Env res: 0.96
data 1800.0s, rep 4
fit sum N=2
pop1 = 0.30
Dabs_1 = 7.3
m/z = 693.60
pop2 = 0.70
Dabs_2 = 8.2
m/z = 693.67
m/z = 693.65
Replicates Overlay
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 0.97
data 72000.0s, rep 1
fit sum N=2
pop1 = 0.41
Dabs_1 = 6.8
m/z = 693.29
pop2 = 0.59
Dabs_2 = 9.3
m/z = 693.88
m/z = 693.67
Env res: 0.94
data 72000.0s, rep 2
fit sum N=2
pop1 = 0.18
Dabs_1 = 7.7
m/z = 693.52
pop2 = 0.82
Dabs_2 = 8.2
m/z = 693.64
m/z = 693.62
Env res: 0.98
data 72000.0s, rep 3
fit sum N=2
pop1 = 0.98
Dabs_1 = 8.1
m/z = 693.61
pop2 = 0.02
Dabs_2 = 14.9
m/z = 695.26
m/z = 693.65
Env res: 0.95
data 72000.0s, rep 4
fit sum N=2
pop1 = 0.56
Dabs_1 = 7.9
m/z = 693.57
pop2 = 0.44
Dabs_2 = 8.4
m/z = 693.67
m/z = 693.63
Replicates Overlay
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.01
data FullDeut, rep 1
fit sum N=2
pop1 = 0.58
Dabs_1 = 7.5
m/z = 693.49
pop2 = 0.42
Dabs_2 = 11.4
m/z = 694.39
m/z = 693.86
Env res: 1.01
data FullDeut, rep 2
fit sum N=2
pop1 = 0.66
Dabs_1 = 7.4
m/z = 693.44
pop2 = 0.34
Dabs_2 = 11.5
m/z = 694.42
m/z = 693.77
Replicates Overlay
data FullDeut
rep 1
rep 2
Intensity
m/z

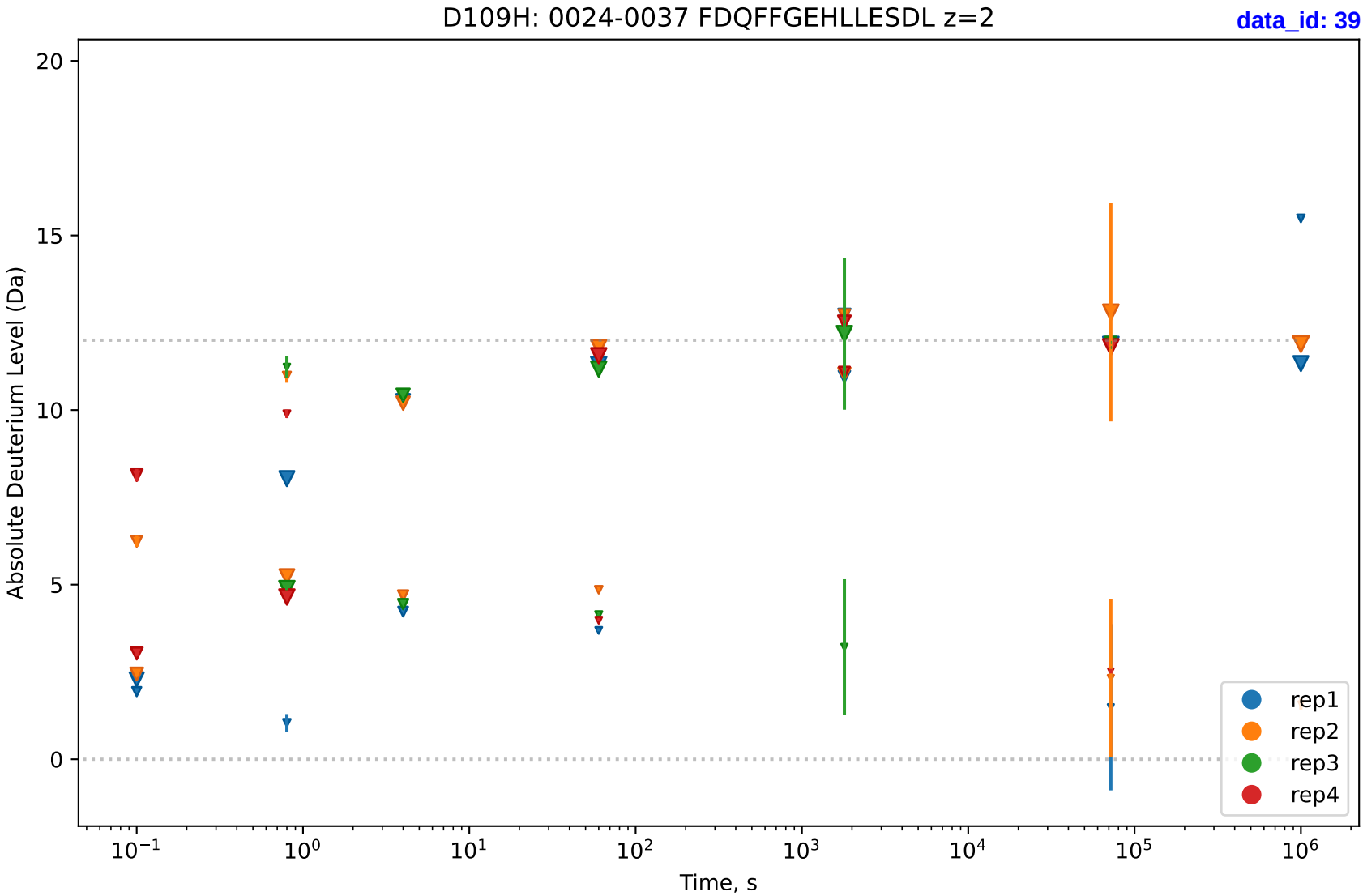

data_id: 36
D109H: 0024-0034 FDQFFGEHLLE z=2
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
0.1s, rep1
0.1s, rep2
0.1s, rep3
0.1s, rep4
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
4.0s, rep1
4.0s, rep2
4.0s, rep3
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, rep4
1800.0s, rep1
1800.0s, rep2
1800.0s, rep3
1800.0s, rep4
72000.0s, rep1
72000.0s, rep2
72000.0s, rep3
72000.0s, rep4
FullDeut, rep1
FullDeut, rep2
pop0
pop1
Centroid
Replicates Overlay
UnDeut
0.1s
0.8s
4.0s
60.0s
1800.0s
72000.0s
FullDeut
1_pop0
1_pop1
2_pop0
2_pop1
3_pop0
3_pop1
4_pop0
4_pop1
population
Absolute Deuterium Level (Da)

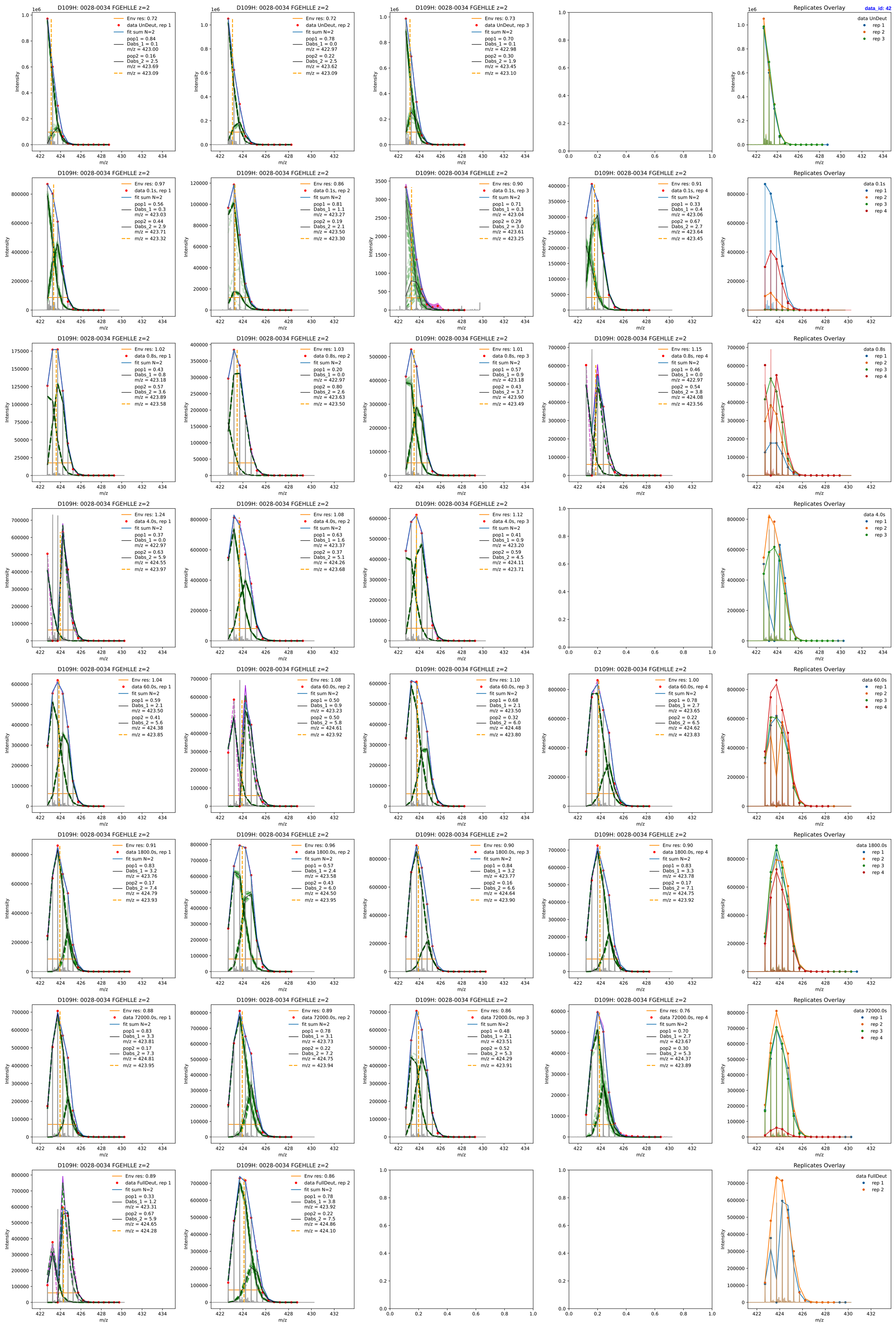

D109H: 0024-0034 FDQFFGEHLLE z=2
data_id: 36
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4

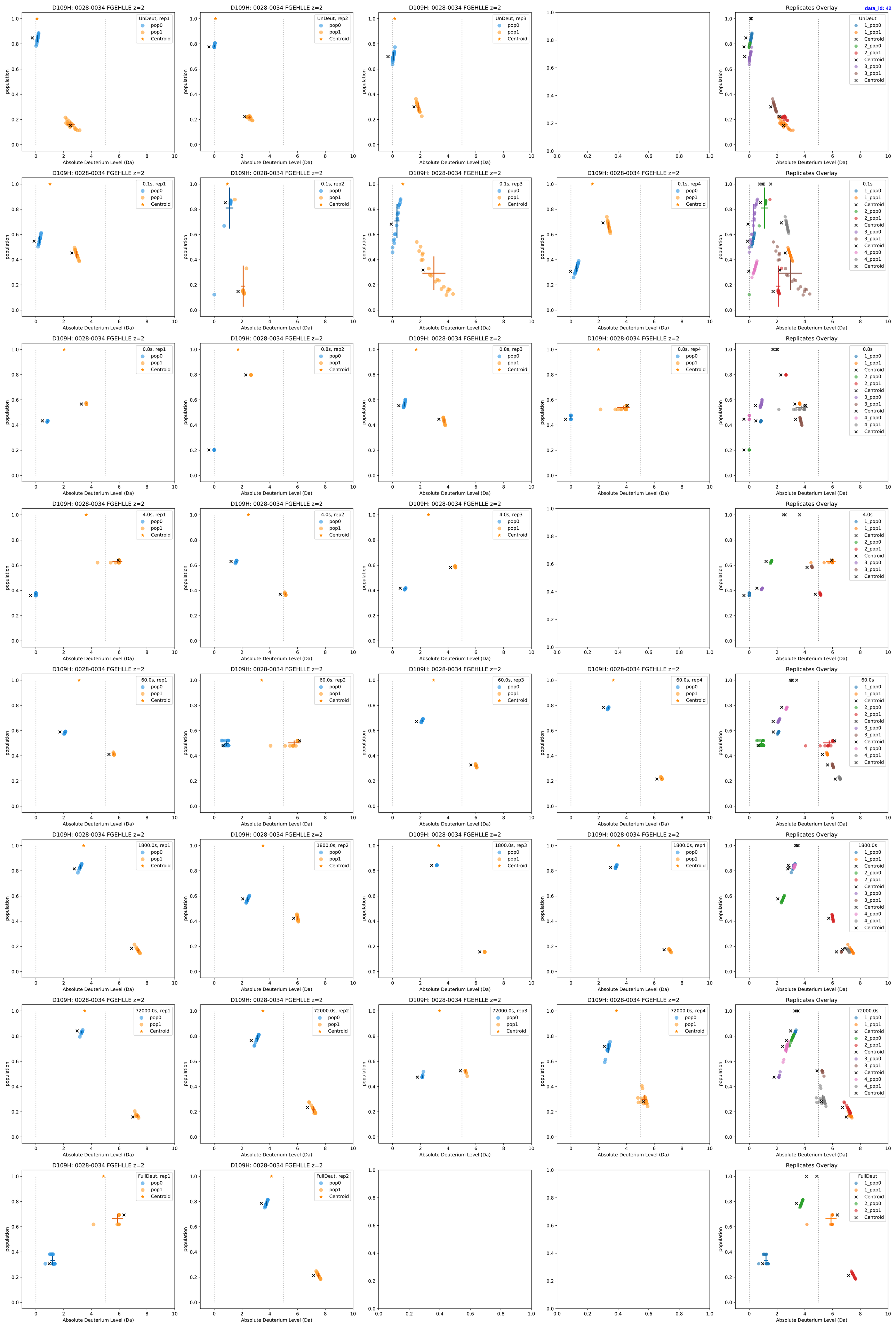
data_id: 39

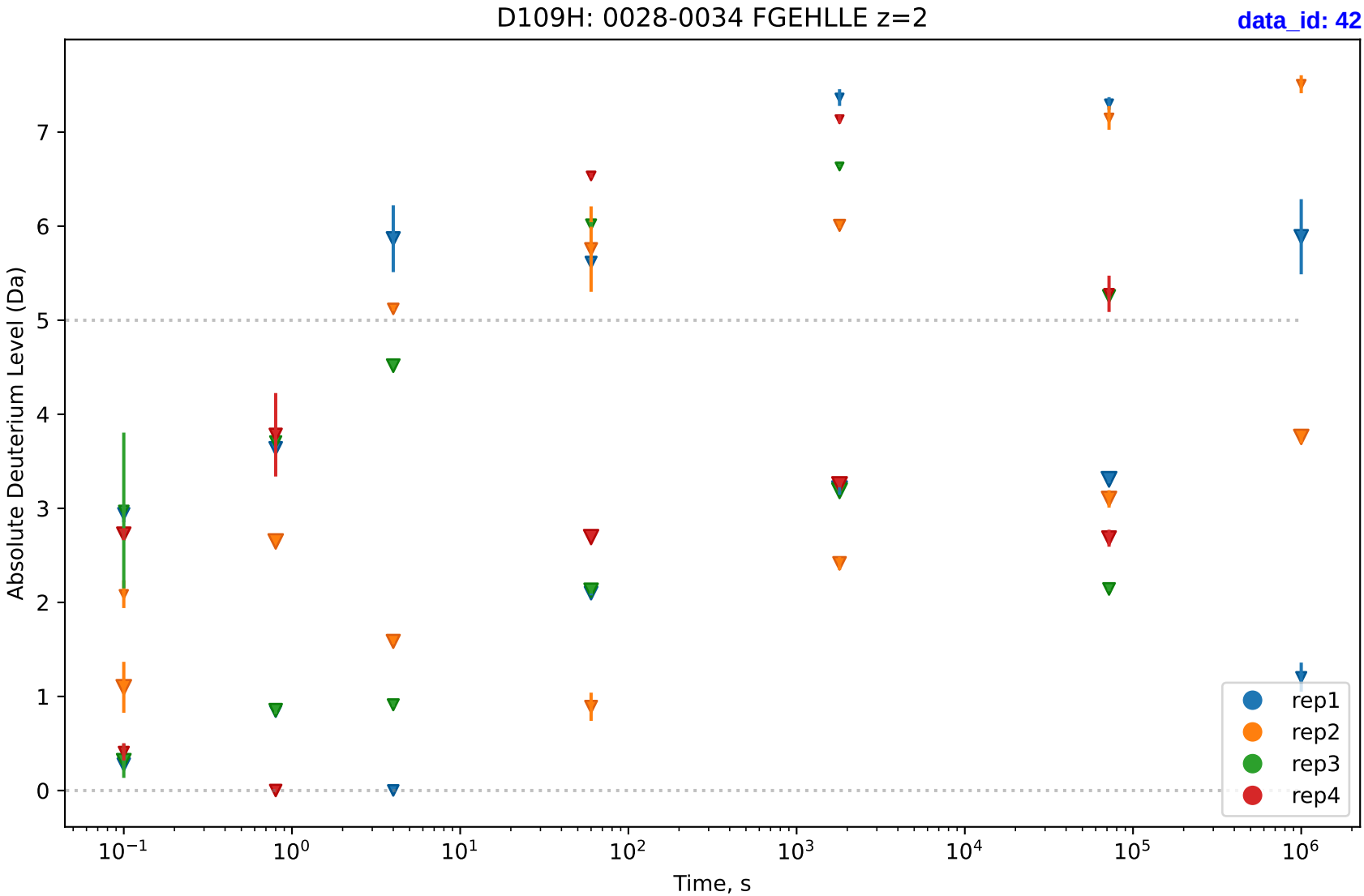

D109H: 0024-0037 FDQFFGEHLLESDL z=2
Env res: 0.82
data UnDeut, rep 1
fit sum N=2
pop1 = 1.00
Dabs_1 = 0.0
m/z = 849.41
pop2 = 0.00
Dabs_2 = 14.2
m/z = 852.93
m/z = 849.37
Env res: 0.85
data UnDeut, rep 2
fit sum N=2
pop1 = 1.00
Dabs_1 = 0.0
m/z = 849.41
pop2 = 0.00
Dabs_2 = 9.3
m/z = 852.42
m/z = 849.39
Env res: 0.85
data UnDeut, rep 3
fit sum N=2
pop1 = 1.00
Dabs_1 = 0.0
m/z = 849.41
pop2 = 0.00
Dabs_2 = 11.4
m/z = 852.43
m/z = 849.41
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 0.90
data 0.1s, rep 1
fit sum N=2
pop1 = 0.26
Dabs_1 = 1.9
m/z = 850.03
pop2 = 0.74
Dabs_2 = 2.3
m/z = 852.12
m/z = 850.06
Env res: 1.17
data 0.1s, rep 2
fit sum N=2
pop1 = 0.60
Dabs_1 = 2.4
m/z = 850.05
pop2 = 0.40
Dabs_2 = 6.2
m/z = 851.03
m/z = 850.45
Env res: 1.29
data 0.1s, rep 4
fit sum N=2
pop1 = 0.51
Dabs_1 = 3.0
m/z = 850.24
pop2 = 0.49
Dabs_2 = 8.1
m/z = 851.56
m/z = 850.85
Replicates Overlay
data 0.1s
rep 1
rep 2
rep 4
Env res: 1.48
data 0.8s, rep 1
fit sum N=2
pop1 = 0.14
Dabs_1 = 1.0
m/z = 849.69
pop2 = 0.86
Dabs_2 = 8.0
m/z = 851.50
m/z = 851.25
Env res: 1.29
data 0.8s, rep 2
fit sum N=2
pop1 = 0.82
Dabs_1 = 5.2
m/z = 850.77
pop2 = 0.18
Dabs_2 = 11.0
m/z = 852.25
m/z = 851.03
Env res: 1.15
data 0.8s, rep 3
fit sum N=2
pop1 = 0.92
Dabs_1 = 4.9
m/z = 850.68
pop2 = 0.08
Dabs_2 = 11.2
m/z = 852.34
m/z = 850.81
Env res: 1.13
data 0.8s, rep 4
fit sum N=2
pop1 = 0.91
Dabs_1 = 4.6
m/z = 850.62
pop2 = 0.09
Dabs_2 = 9.9
m/z = 851.97
m/z = 850.75
Replicates Overlay
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 1.43
data 4.0s, rep 1
fit sum N=2
pop1 = 0.30
Dabs_1 = 4.2
m/z = 850.51
pop2 = 0.70
Dabs_2 = 10.3
m/z = 852.08
m/z = 851.59
Env res: 1.40
data 4.0s, rep 2
fit sum N=2
pop1 = 0.35
Dabs_1 = 4.7
m/z = 850.63
pop2 = 0.65
Dabs_2 = 10.2
m/z = 852.06
m/z = 851.57
Env res: 1.42
data 4.0s, rep 3
fit sum N=2
pop1 = 0.35
Dabs_1 = 4.4
m/z = 850.57
pop2 = 0.65
Dabs_2 = 10.4
m/z = 852.12
m/z = 851.58
Replicates Overlay
data 4.0s
rep 1
rep 2
rep 3
Env res: 1.35
data 60.0s, rep 1
fit sum N=2
pop1 = 0.09
Dabs_1 = 3.7
m/z = 850.37
pop2 = 0.91
Dabs_2 = 11.3
m/z = 852.35
m/z = 852.16
Env res: 1.37
data 60.0s, rep 2
fit sum N=2
pop1 = 0.14
Dabs_1 = 4.9
m/z = 850.67
pop2 = 0.86
Dabs_2 = 11.8
m/z = 852.47
m/z = 852.23
Env res: 1.33
data 60.0s, rep 3
fit sum N=2
pop1 = 0.11
Dabs_1 = 4.1
m/z = 850.49
pop2 = 0.89
Dabs_2 = 11.2
m/z = 852.31
m/z = 852.12
Env res: 1.32
data 60.0s, rep 4
fit sum N=2
pop1 = 0.09
Dabs_1 = 4.0
m/z = 850.45
pop2 = 0.91
Dabs_2 = 11.6
m/z = 852.41
m/z = 852.25
Replicates Overlay
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.13
data 1800.0s, rep 1
fit sum N=2
pop1 = 0.46
Dabs_1 = 11.0
m/z = 852.25
pop2 = 0.54
Dabs_2 = 12.7
m/z = 852.72
m/z = 852.50
Env res: 1.11
data 1800.0s, rep 2
fit sum N=2
pop1 = 0.54
Dabs_1 = 11.0
m/z = 852.27
pop2 = 0.46
Dabs_2 = 12.7
m/z = 852.71
m/z = 852.46
Env res: 1.09
data 1800.0s, rep 3
fit sum N=2
pop1 = 0.07
Dabs_1 = 3.2
m/z = 850.11
pop2 = 0.93
Dabs_2 = 12.2
m/z = 852.45
m/z = 852.41
Env res: 1.11
data 1800.0s, rep 4
fit sum N=2
pop1 = 0.41
Dabs_1 = 11.1
m/z = 850.82
pop2 = 0.59
Dabs_2 = 12.5
m/z = 852.57
m/z = 852.50
Replicates Overlay
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.09
data 72000.0s, rep 1
fit sum N=2
pop1 = 0.06
Dabs_1 = 1.5
m/z = 849.69
pop2 = 0.94
Dabs_2 = 11.9
m/z = 852.49
m/z = 852.48
Env res: 1.10
data 72000.0s, rep 2
fit sum N=2
pop1 = 0.06
Dabs_1 = 2.3
m/z = 849.89
pop2 = 0.94
Dabs_2 = 12.8
m/z = 852.55
m/z = 852.52
Env res: 1.08
data 72000.0s, rep 3
fit sum N=2
pop1 = 0.53
Dabs_1 = 11.8
m/z = 850.23
pop2 = 0.47
Dabs_2 = 11.9
m/z = 852.49
m/z = 852.48
Env res: 1.09
data 72000.0s, rep 4
fit sum N=2
pop1 = 0.02
Dabs_1 = 2.5
m/z = 850.07
pop2 = 0.98
Dabs_2 = 11.8
m/z = 852.48
m/z = 852.43
Replicates Overlay
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.11
data FullDeut, rep 1
fit sum N=2
pop1 = 0.86
Dabs_1 = 11.3
m/z = 852.52
pop2 = 0.14
Dabs_2 = 15.5
m/z = 855.45
m/z = 852.54
Env res: 1.11
data FullDeut, rep 2
fit sum N=2
pop1 = 0.01
Dabs_1 = 1.6
m/z = 849.83
pop2 = 0.99
Dabs_2 = 11.9
m/z = 852.50
m/z = 852.49
Replicates Overlay
data FullDeut
rep 1
rep 2
Intensity
m/z

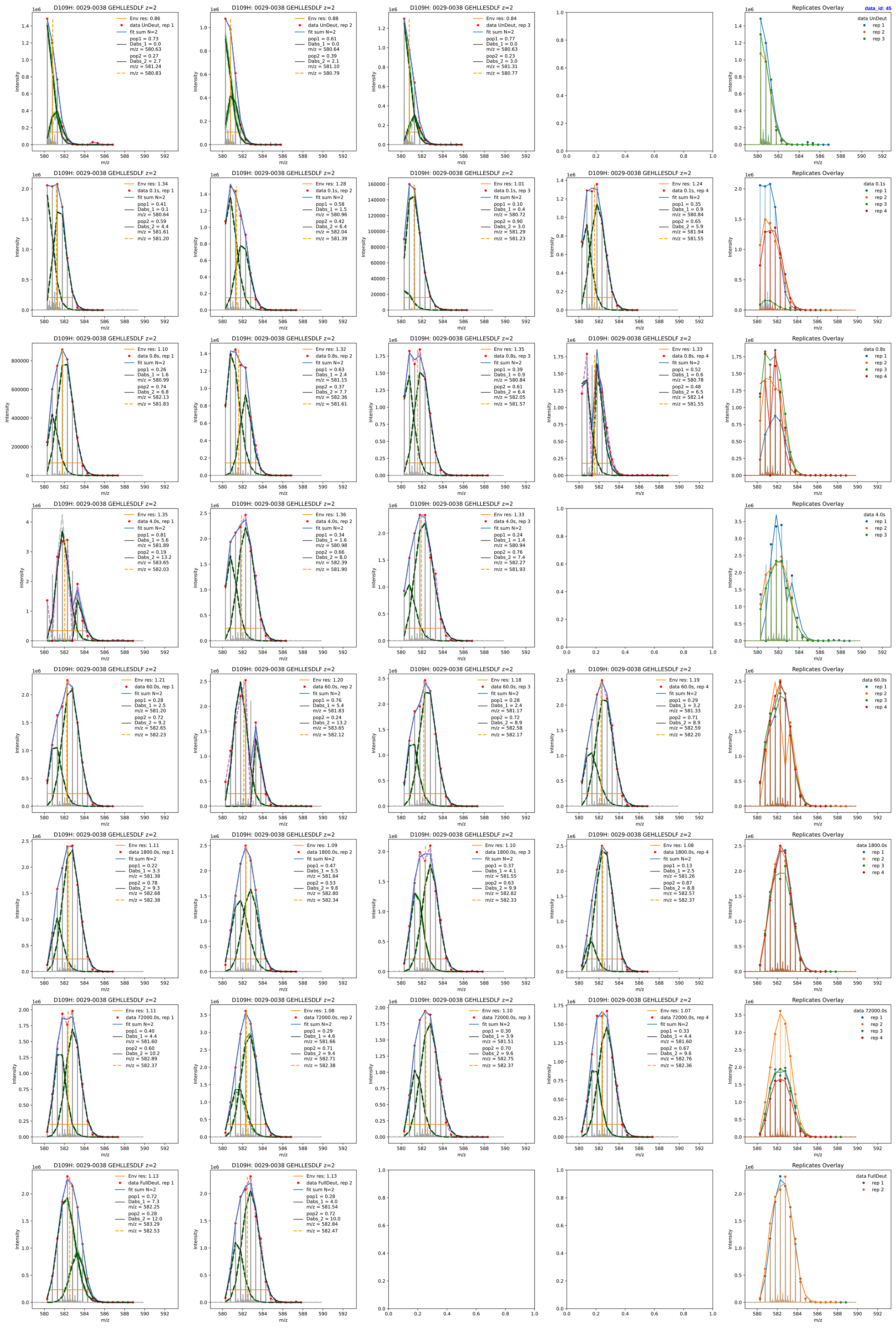
data_id: 39
D109H: 0024-0037 FDQFFGEHLLESDL z=2
Replicates Overlay
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
UnDeut
0.1s, rep1
0.1s, rep2
0.1s, rep4
0.1s
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
0.8s
4.0s, rep1
4.0s, rep2
4.0s, rep3
4.0s
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, rep4
60.0s
1800.0s, rep1
1800.0s, rep2
1800.0s, rep3
1800.0s, rep4
1800.0s
72000.0s, rep1
72000.0s, rep2
72000.0s, rep3
72000.0s, rep4
72000.0s
FullDeut, rep1
FullDeut, rep2
FullDeut
pop0
pop1
Centroid
1_pop0
1_pop1
2_pop0
2_pop1
3_pop0
3_pop1
4_pop0
4_pop1
population
Absolute Deuterium Level (Da)

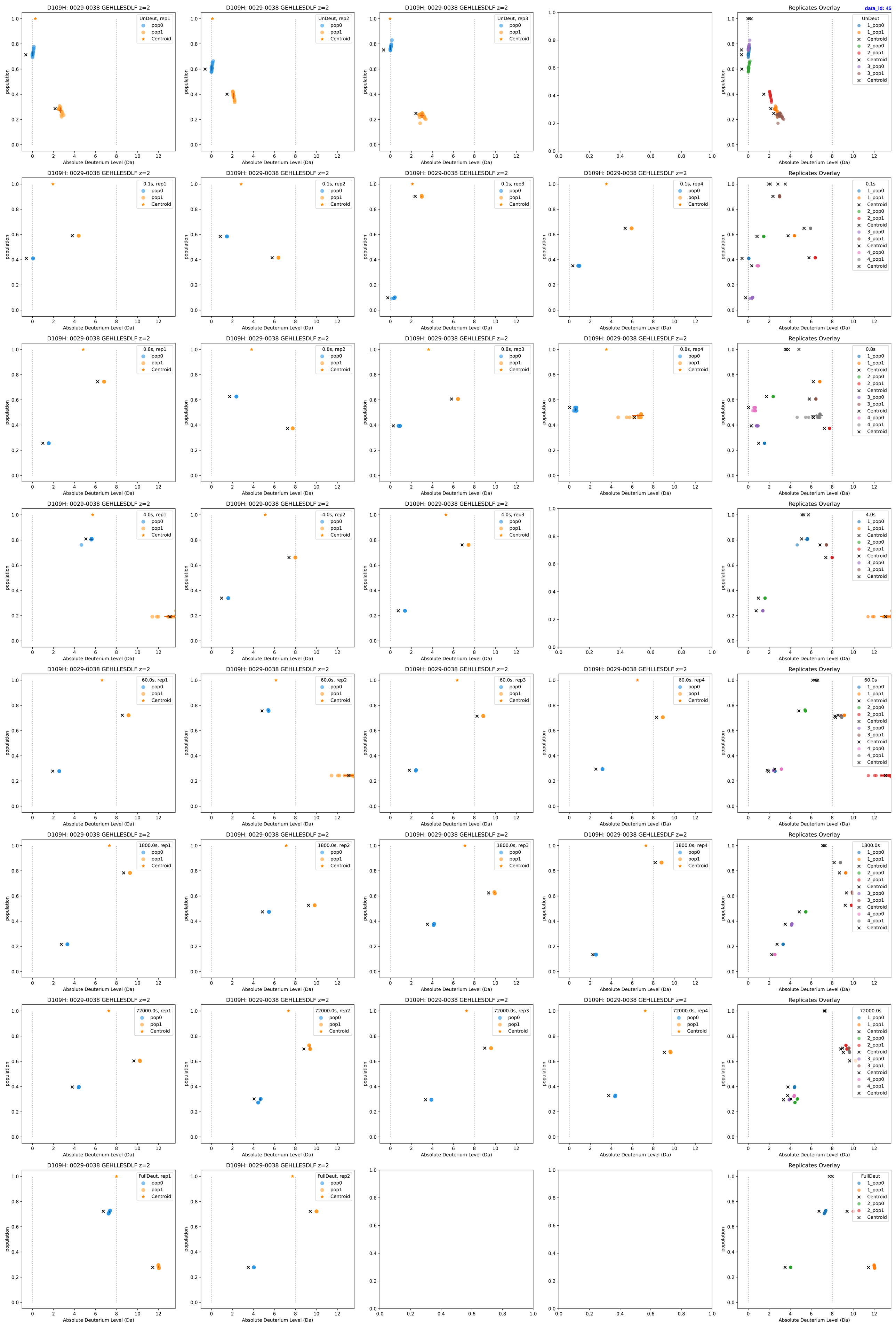

D109H: 0024-0037 FDQFFGEHLLESDL z=2
data_id: 39
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4

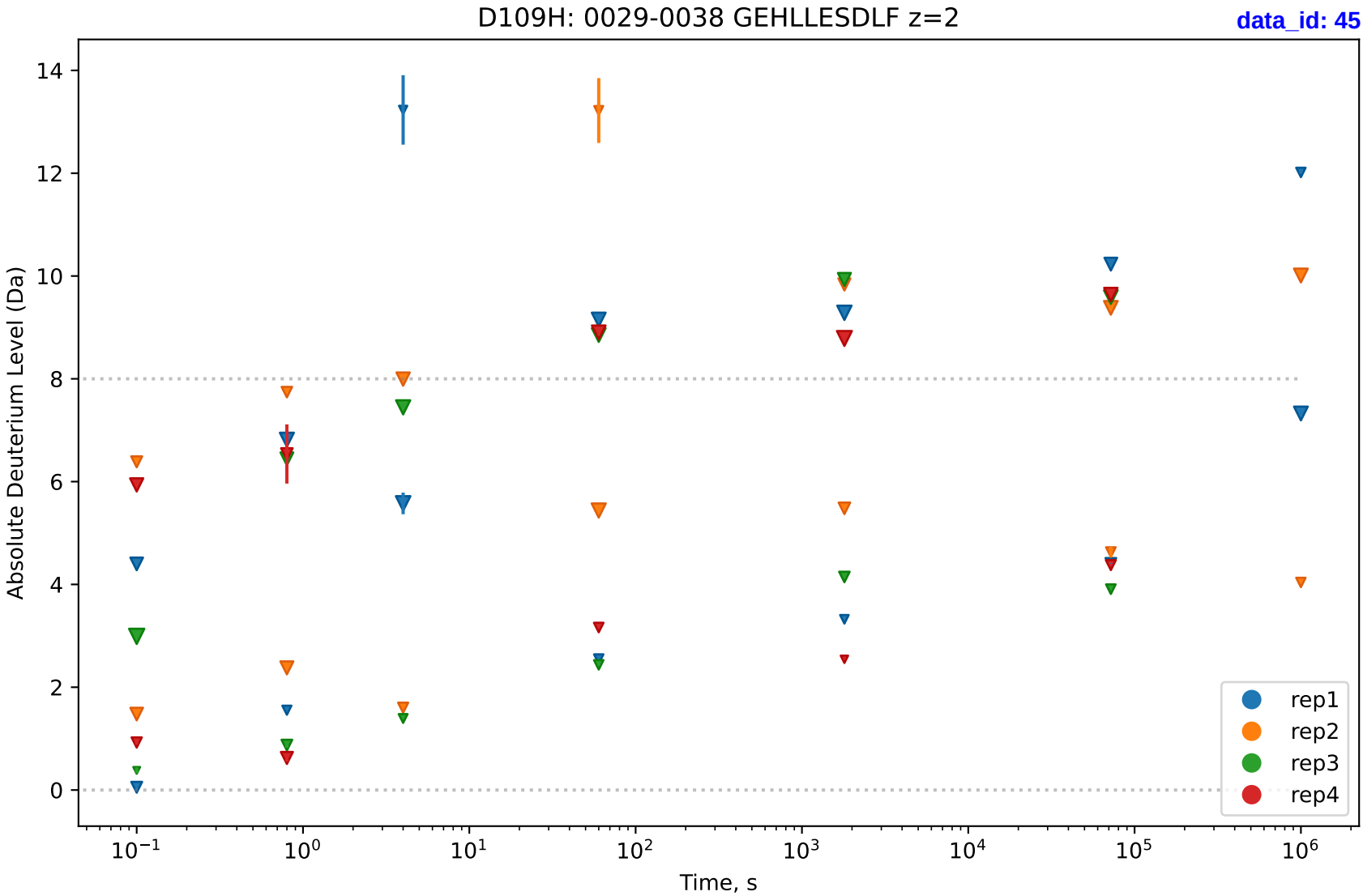

data_id: 42
D109H: 0028-0034 FGEHLLE z=2
Env res: 0.72
data UnDeut, rep 1
fit sum N=2
pop1 = 0.84
Dabs_1 = 0.1
m/z = 423.00
pop2 = 0.16
Dabs_2 = 2.5
m/z = 423.69
m/z = 423.09
Env res: 0.72
data UnDeut, rep 2
fit sum N=2
pop1 = 0.78
Dabs_1 = 0.0
m/z = 422.97
pop2 = 0.22
Dabs_2 = 2.5
m/z = 423.62
m/z = 423.09
Env res: 0.73
data UnDeut, rep 3
fit sum N=2
pop1 = 0.70
Dabs_1 = 0.1
m/z = 422.98
pop2 = 0.30
Dabs_2 = 1.9
m/z = 423.45
m/z = 423.10
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 0.97
data 0.1s, rep 1
fit sum N=2
pop1 = 0.56
Dabs_1 = 0.3
m/z = 423.03
pop2 = 0.44
Dabs_2 = 2.9
m/z = 423.71
m/z = 423.32
Env res: 0.86
data 0.1s, rep 2
fit sum N=2
pop1 = 0.81
Dabs_1 = 1.1
m/z = 423.27
pop2 = 0.19
Dabs_2 = 2.1
m/z = 423.50
m/z = 423.30
Env res: 0.90
data 0.1s, rep 3
fit sum N=2
pop1 = 0.71
Dabs_1 = 0.3
m/z = 423.04
pop2 = 0.29
Dabs_2 = 3.0
m/z = 423.61
m/z = 423.25
Env res: 0.91
data 0.1s, rep 4
fit sum N=2
pop1 = 0.33
Dabs_1 = 0.4
m/z = 423.06
pop2 = 0.67
Dabs_2 = 2.7
m/z = 423.64
m/z = 423.45
Replicates Overlay
data 0.1s
rep 1
rep 2
rep 3
rep 4
Env res: 1.02
data 0.8s, rep 1
fit sum N=2
pop1 = 0.43
Dabs_1 = 0.8
m/z = 423.18
pop2 = 0.57
Dabs_2 = 3.6
m/z = 423.89
m/z = 423.58
Env res: 1.03
data 0.8s, rep 2
fit sum N=2
pop1 = 0.20
Dabs_1 = 0.0
m/z = 422.97
pop2 = 0.80
Dabs_2 = 2.6
m/z = 423.63
m/z = 423.50
Env res: 1.01
data 0.8s, rep 3
fit sum N=2
pop1 = 0.57
Dabs_1 = 0.9
m/z = 423.18
pop2 = 0.43
Dabs_2 = 3.7
m/z = 423.90
m/z = 423.49
Env res: 1.15
data 0.8s, rep 4
fit sum N=2
pop1 = 0.46
Dabs_1 = 0.0
m/z = 422.97
pop2 = 0.54
Dabs_2 = 3.8
m/z = 424.08
m/z = 423.56
Replicates Overlay
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 1.24
data 4.0s, rep 1
fit sum N=2
pop1 = 0.37
Dabs_1 = 0.0
m/z = 422.97
pop2 = 0.63
Dabs_2 = 5.9
m/z = 424.55
m/z = 423.97
Env res: 1.08
data 4.0s, rep 2
fit sum N=2
pop1 = 0.63
Dabs_1 = 1.6
m/z = 423.37
pop2 = 0.37
Dabs_2 = 5.1
m/z = 424.26
m/z = 423.68
Env res: 1.12
data 4.0s, rep 3
fit sum N=2
pop1 = 0.41
Dabs_1 = 0.9
m/z = 423.20
pop2 = 0.59
Dabs_2 = 4.5
m/z = 424.11
m/z = 423.71
Replicates Overlay
data 4.0s
rep 1
rep 2
rep 3
Env res: 1.04
data 60.0s, rep 1
fit sum N=2
pop1 = 0.59
Dabs_1 = 2.1
m/z = 423.50
pop2 = 0.41
Dabs_2 = 5.6
m/z = 424.38
m/z = 423.85
Env res: 1.08
data 60.0s, rep 2
fit sum N=2
pop1 = 0.50
Dabs_1 = 0.9
m/z = 423.23
pop2 = 0.50
Dabs_2 = 5.8
m/z = 424.61
m/z = 423.92
Env res: 1.10
data 60.0s, rep 3
fit sum N=2
pop1 = 0.68
Dabs_1 = 2.1
m/z = 423.50
pop2 = 0.32
Dabs_2 = 6.0
m/z = 424.48
m/z = 423.80
Env res: 1.00
data 60.0s, rep 4
fit sum N=2
pop1 = 0.78
Dabs_1 = 2.7
m/z = 423.65
pop2 = 0.22
Dabs_2 = 6.5
m/z = 424.62
m/z = 423.83
Replicates Overlay
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 0.91
data 1800.0s, rep 1
fit sum N=2
pop1 = 0.83
Dabs_1 = 3.2
m/z = 423.76
pop2 = 0.17
Dabs_2 = 7.4
m/z = 424.79
m/z = 423.93
Env res: 0.96
data 1800.0s, rep 2
fit sum N=2
pop1 = 0.57
Dabs_1 = 2.4
m/z = 423.58
pop2 = 0.43
Dabs_2 = 6.0
m/z = 424.50
m/z = 423.95
Env res: 0.90
data 1800.0s, rep 3
fit sum N=2
pop1 = 0.84
Dabs_1 = 3.2
m/z = 423.77
pop2 = 0.16
Dabs_2 = 6.6
m/z = 424.64
m/z = 423.90
Env res: 0.90
data 1800.0s, rep 4
fit sum N=2
pop1 = 0.83
Dabs_1 = 3.3
m/z = 423.78
pop2 = 0.17
Dabs_2 = 7.1
m/z = 424.75
m/z = 423.92
Replicates Overlay
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 0.88
data 72000.0s, rep 1
fit sum N=2
pop1 = 0.83
Dabs_1 = 3.3
m/z = 423.81
pop2 = 0.17
Dabs_2 = 7.3
m/z = 424.81
m/z = 423.95
Env res: 0.89
data 72000.0s, rep 2
fit sum N=2
pop1 = 0.78
Dabs_1 = 3.1
m/z = 423.73
pop2 = 0.22
Dabs_2 = 7.2
m/z = 424.75
m/z = 423.94
Env res: 0.86
data 72000.0s, rep 3
fit sum N=2
pop1 = 0.48
Dabs_1 = 2.1
m/z = 423.51
pop2 = 0.52
Dabs_2 = 5.3
m/z = 424.29
m/z = 423.91
Env res: 0.76
data 72000.0s, rep 4
fit sum N=2
pop1 = 0.70
Dabs_1 = 2.7
m/z = 423.67
pop2 = 0.30
Dabs_2 = 5.3
m/z = 424.37
m/z = 423.89
Replicates Overlay
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 0.89
data FullDeut, rep 1
fit sum N=2
pop1 = 0.33
Dabs_1 = 1.2
m/z = 423.31
pop2 = 0.67
Dabs_2 = 5.9
m/z = 424.65
m/z = 424.28
Env res: 0.86
data FullDeut, rep 2
fit sum N=2
pop1 = 0.78
Dabs_1 = 3.8
m/z = 423.92
pop2 = 0.22
Dabs_2 = 7.5
m/z = 424.86
m/z = 424.10
Replicates Overlay
data FullDeut
rep 1
rep 2
Intensity
m/z

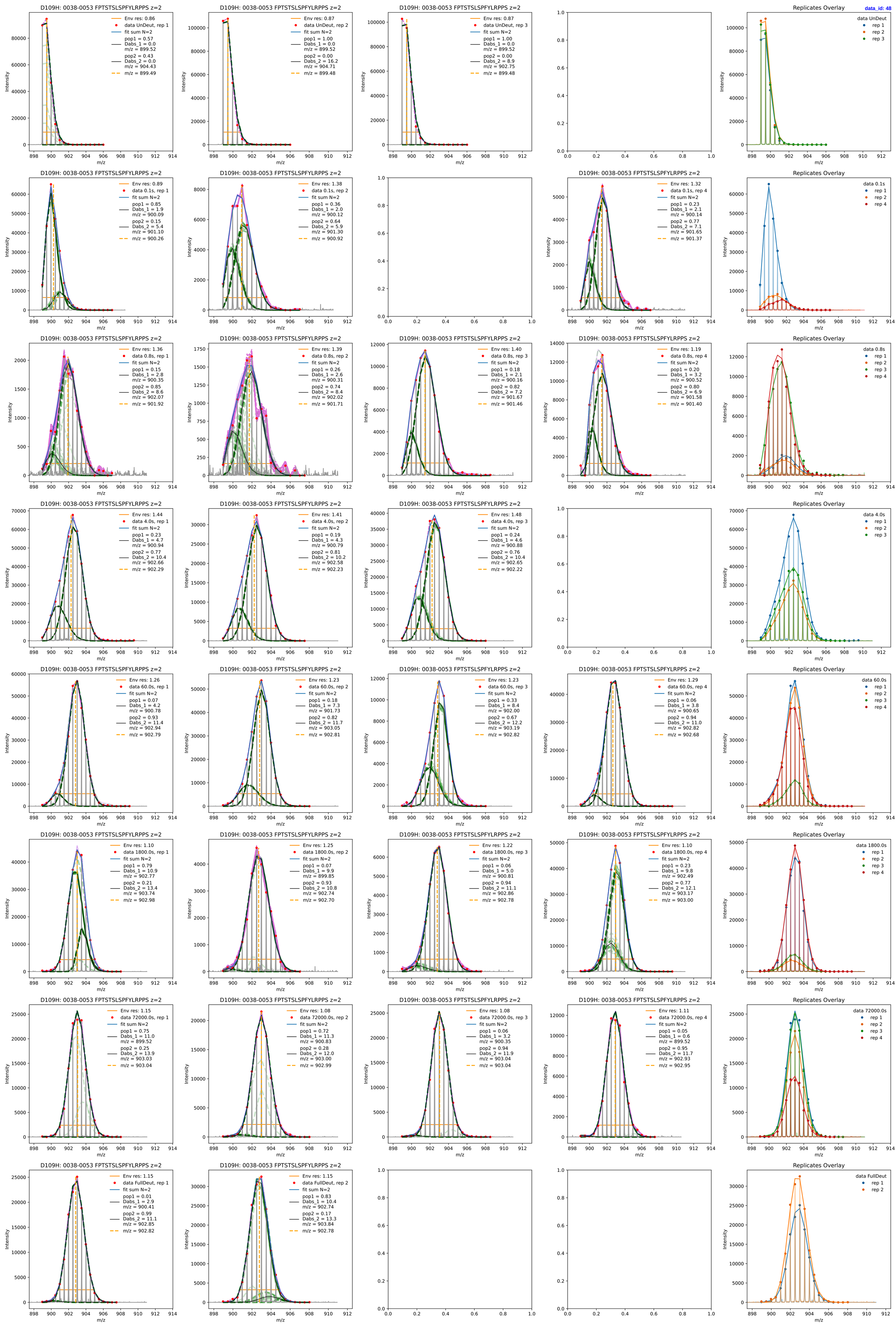

D109H: 0028-0034 FGEHLLE z=2
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
0.1s, rep1
0.1s, rep2
0.1s, rep3
0.1s, rep4
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
4.0s, rep1
4.0s, rep2
4.0s, rep3
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, rep4
1800.0s, rep1
1800.0s, rep2
1800.0s, rep3
1800.0s, rep4
72000.0s, rep1
72000.0s, rep2
72000.0s, rep3
72000.0s, rep4
FullDeut, rep1
FullDeut, rep2
pop0
pop1
Centroid
Replicates Overlay
UnDeut
0.1s
0.8s
4.0s
60.0s
1800.0s
72000.0s
FullDeut
1_pop0
1_pop1
2_pop0
2_pop1
3_pop0
3_pop1
4_pop0
4_pop1
population
Absolute Deuterium Level (Da)

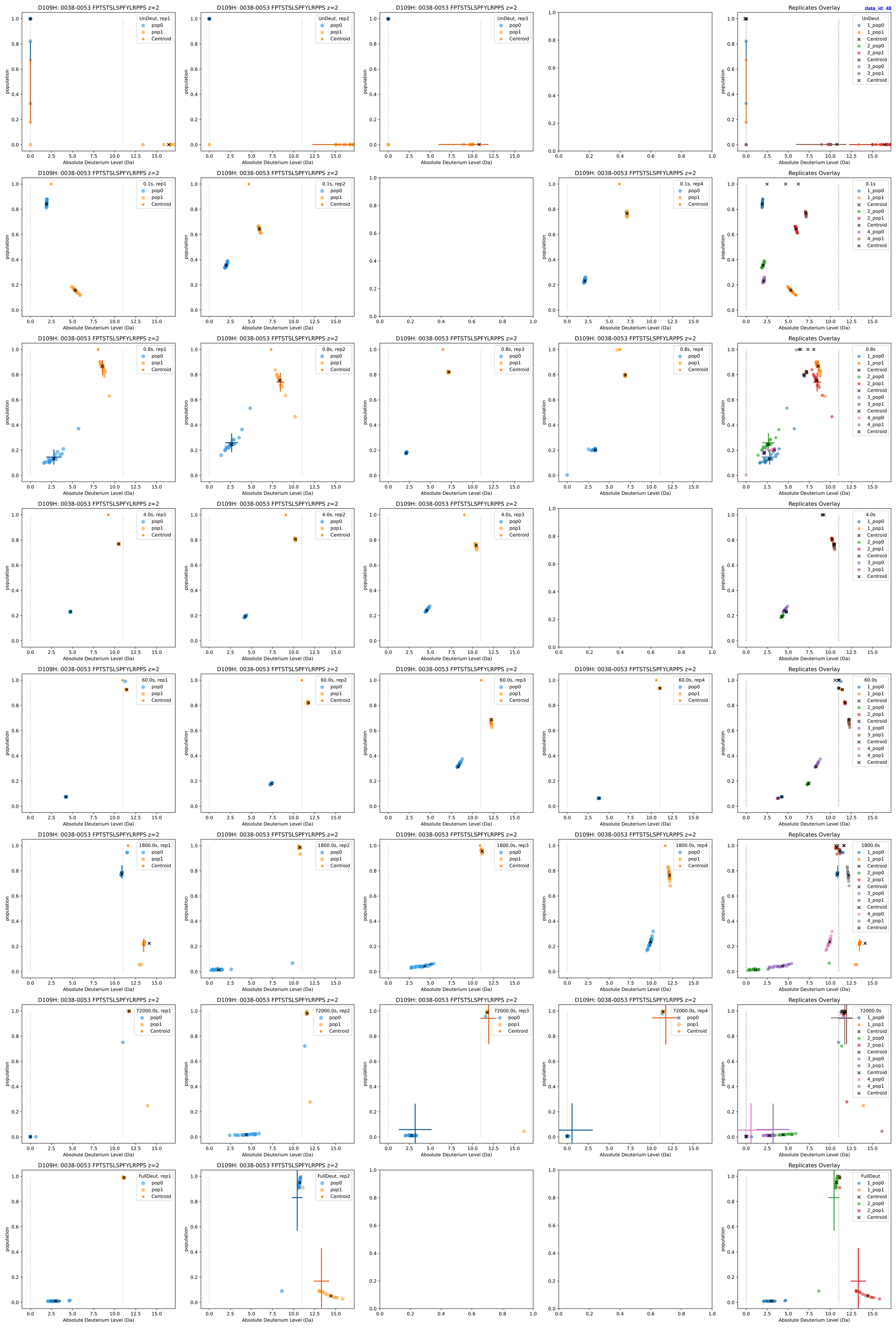

D109H: 0028-0034 FGEHLLE z=2
data_id: 42
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4

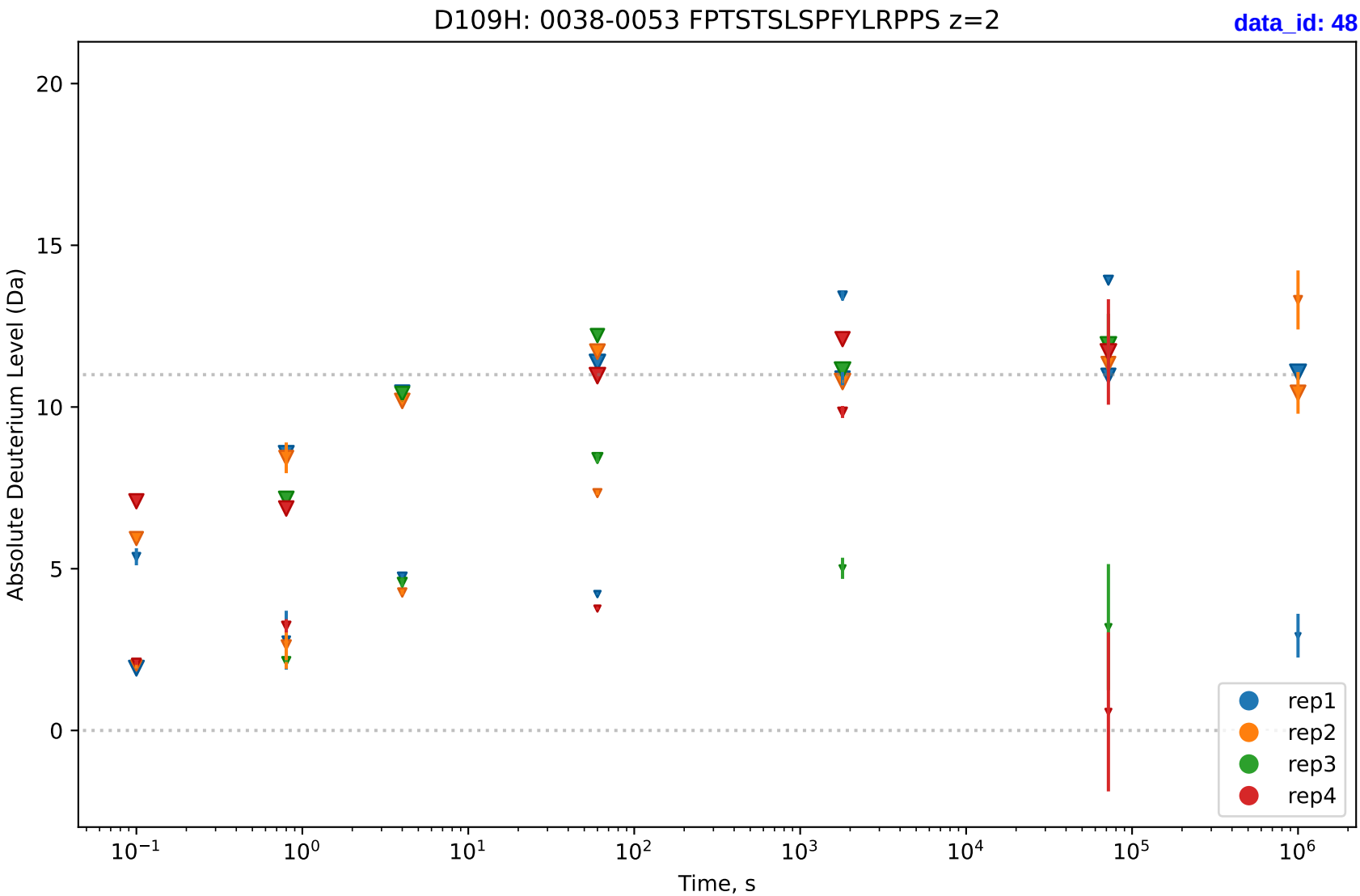

data_id: 45
D109H: 0029-0038 GEHLLESDLF z=2
Env res: 0.86
data UnDeut, rep 1
fit sum N=2
pop1 = 0.73
Dabs_1 = 0.0
m/z = 580.63
pop2 = 0.27
Dabs_2 = 2.7
m/z = 581.24
m/z = 580.83
Env res: 0.88
data UnDeut, rep 2
pop1 = 0.61
Dabs_1 = 0.0
m/z = 580.64
pop2 = 0.39
Dabs_2 = 2.1
m/z = 581.10
m/z = 580.79
Env res: 0.84
data UnDeut, rep 3
pop1 = 0.77
Dabs_1 = 0.0
m/z = 580.63
pop2 = 0.23
Dabs_2 = 3.0
m/z = 581.31
m/z = 580.77
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 1.34
data 0.1s, rep 1
pop1 = 0.41
Dabs_1 = 0.1
m/z = 580.64
pop2 = 0.59
Dabs_2 = 4.4
m/z = 581.61
m/z = 581.20
Env res: 1.28
data 0.1s, rep 2
pop1 = 0.58
Dabs_1 = 1.5
m/z = 580.96
pop2 = 0.42
Dabs_2 = 6.4
m/z = 582.04
m/z = 581.39
Env res: 1.01
data 0.1s, rep 3
pop1 = 0.10
Dabs_1 = 0.4
m/z = 580.72
pop2 = 0.90
Dabs_2 = 3.0
m/z = 581.29
m/z = 581.23
Env res: 1.24
data 0.1s, rep 4
pop1 = 0.35
Dabs_1 = 0.9
m/z = 580.84
pop2 = 0.65
Dabs_2 = 5.9
m/z = 581.94
m/z = 581.55
data 0.1s
rep 1
rep 2
rep 3
rep 4
Env res: 1.10
data 0.8s, rep 1
pop1 = 0.26
Dabs_1 = 1.6
m/z = 580.99
pop2 = 0.74
Dabs_2 = 6.8
m/z = 582.13
m/z = 581.83
Env res: 1.32
data 0.8s, rep 2
pop1 = 0.63
Dabs_1 = 2.4
m/z = 581.15
pop2 = 0.37
Dabs_2 = 7.7
m/z = 582.36
m/z = 581.61
Env res: 1.35
data 0.8s, rep 3
pop1 = 0.39
Dabs_1 = 0.9
m/z = 580.84
pop2 = 0.61
Dabs_2 = 6.4
m/z = 582.05
m/z = 581.57
Env res: 1.33
data 0.8s, rep 4
pop1 = 0.52
Dabs_1 = 0.6
m/z = 580.78
pop2 = 0.48
Dabs_2 = 6.5
m/z = 582.14
m/z = 581.55
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 1.35
data 4.0s, rep 1
pop1 = 0.81
Dabs_1 = 5.6
m/z = 581.89
pop2 = 0.19
Dabs_2 = 13.2
m/z = 583.65
m/z = 582.03
Env res: 1.36
data 4.0s, rep 2
pop1 = 0.34
Dabs_1 = 1.6
m/z = 580.98
pop2 = 0.66
Dabs_2 = 8.0
m/z = 582.39
m/z = 581.90
Env res: 1.33
data 4.0s, rep 3
pop1 = 0.24
Dabs_1 = 1.4
m/z = 580.94
pop2 = 0.76
Dabs_2 = 7.4
m/z = 582.27
m/z = 581.93
data 4.0s
rep 1
rep 2
rep 3
Env res: 1.21
data 60.0s, rep 1
pop1 = 0.28
Dabs_1 = 2.5
m/z = 581.20
pop2 = 0.72
Dabs_2 = 9.2
m/z = 582.65
m/z = 582.23
Env res: 1.20
data 60.0s, rep 2
pop1 = 0.76
Dabs_1 = 5.4
m/z = 581.83
pop2 = 0.24
Dabs_2 = 13.2
m/z = 583.65
m/z = 582.12
Env res: 1.18
data 60.0s, rep 3
pop1 = 0.28
Dabs_1 = 2.4
m/z = 581.17
pop2 = 0.72
Dabs_2 = 8.9
m/z = 582.58
m/z = 582.17
Env res: 1.19
data 60.0s, rep 4
pop1 = 0.29
Dabs_1 = 3.2
m/z = 581.33
pop2 = 0.71
Dabs_2 = 8.9
m/z = 582.59
m/z = 582.20
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.11
data 1800.0s, rep 1
pop1 = 0.22
Dabs_1 = 3.3
m/z = 581.38
pop2 = 0.78
Dabs_2 = 9.3
m/z = 582.68
m/z = 582.38
Env res: 1.09
data 1800.0s, rep 2
pop1 = 0.47
Dabs_1 = 5.5
m/z = 581.84
pop2 = 0.53
Dabs_2 = 9.8
m/z = 582.80
m/z = 582.34
Env res: 1.10
data 1800.0s, rep 3
pop1 = 0.37
Dabs_1 = 4.1
m/z = 581.55
pop2 = 0.63
Dabs_2 = 9.9
m/z = 582.82
m/z = 582.33
Env res: 1.08
data 1800.0s, rep 4
pop1 = 0.13
Dabs_1 = 2.5
m/z = 581.26
pop2 = 0.87
Dabs_2 = 8.8
m/z = 582.57
m/z = 582.37
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.11
data 72000.0s, rep 1
pop1 = 0.40
Dabs_1 = 4.4
m/z = 581.60
pop2 = 0.60
Dabs_2 = 10.2
m/z = 582.89
m/z = 582.37
Env res: 1.08
data 72000.0s, rep 2
pop1 = 0.29
Dabs_1 = 4.6
m/z = 581.66
pop2 = 0.71
Dabs_2 = 9.4
m/z = 582.71
m/z = 582.38
Env res: 1.10
data 72000.0s, rep 3
pop1 = 0.30
Dabs_1 = 3.9
m/z = 581.51
pop2 = 0.70
Dabs_2 = 9.6
m/z = 582.75
m/z = 582.37
Env res: 1.07
data 72000.0s, rep 4
pop1 = 0.33
Dabs_1 = 4.4
m/z = 581.60
pop2 = 0.67
Dabs_2 = 9.6
m/z = 582.76
m/z = 582.36
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.13
data FullDeut, rep 1
pop1 = 0.72
Dabs_1 = 7.3
m/z = 582.25
pop2 = 0.28
Dabs_2 = 12.0
m/z = 583.29
m/z = 582.53
Env res: 1.13
data FullDeut, rep 2
pop1 = 0.28
Dabs_1 = 4.0
m/z = 581.54
pop2 = 0.72
Dabs_2 = 10.0
m/z = 582.84
m/z = 582.47
data FullDeut
rep 1
rep 2
Intensity
m/z

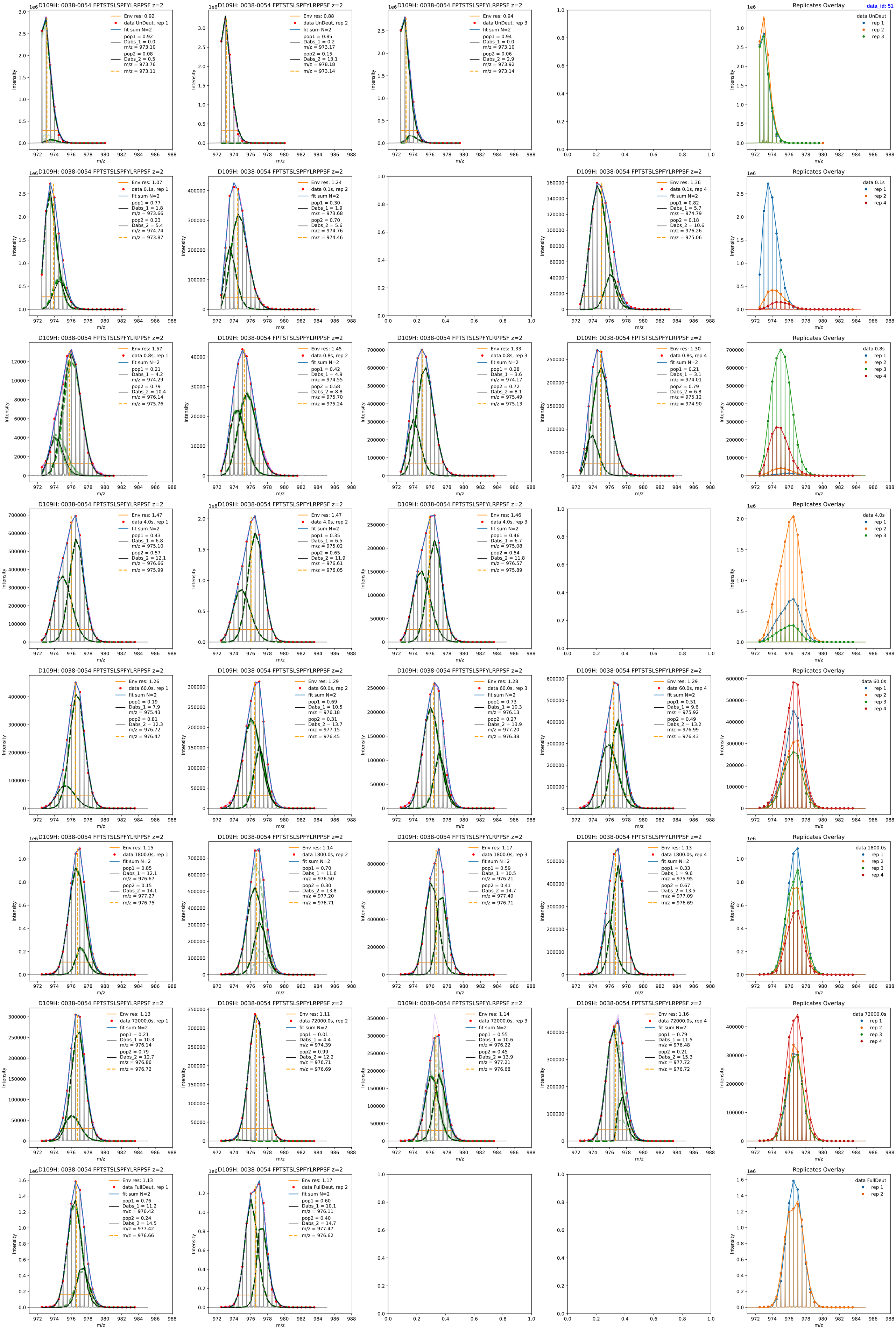

data_id: 45
D109H: 0029-0038 GEHLLESDLF z=2
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
Replicates Overlay
UnDeut
0.1s, rep1
0.1s, rep2
0.1s, rep3
0.1s, rep4
0.1s
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
0.8s
4.0s, rep1
4.0s, rep2
4.0s, rep3
4.0s
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, rep4
60.0s
1800.0s, rep1
1800.0s, rep2
1800.0s, rep3
1800.0s, rep4
1800.0s
72000.0s, rep1
72000.0s, rep2
72000.0s, rep3
72000.0s, rep4
72000.0s
FullDeut, rep1
FullDeut, rep2
FullDeut
pop0
pop1
Centroid
1_pop0
1_pop1
2_pop0
2_pop1
3_pop0
3_pop1
4_pop0
4_pop1
population
Absolute Deuterium Level (Da)


D109H: 0029-0038 GEHLLESDLF z=2
data_id: 45
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4

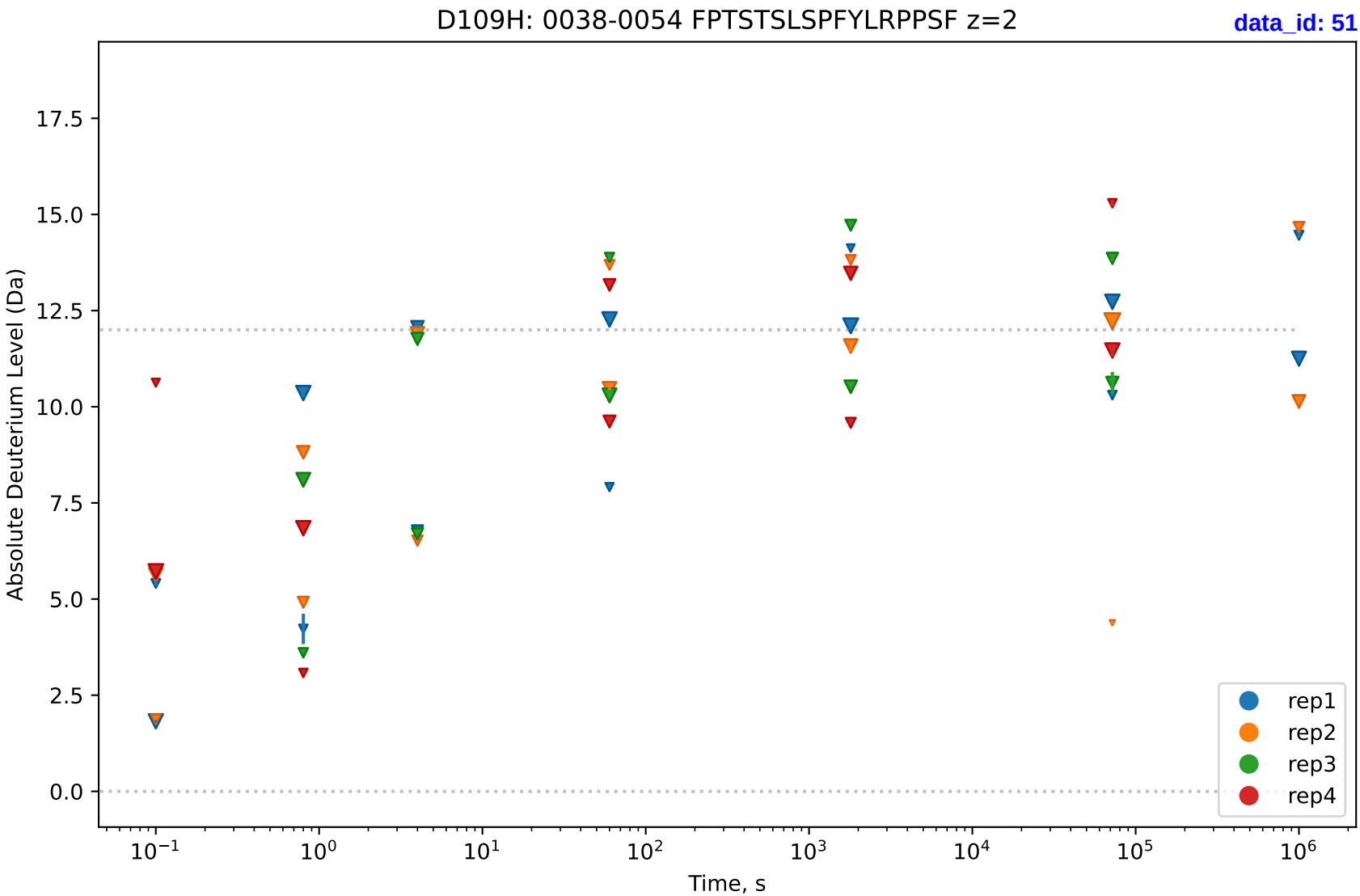

data_id: 48
D109H: 0038-0053 FPTSTSLSPFYLRPPS z=2
Env res: 0.86
data UnDeut, rep 1
fit sum N=2
pop1 = 0.57
Dabs_1 = 0.0
m/z = 899.52
pop2 = 0.43
Dabs_2 = 0.0
m/z = 904.43
m/z = 899.49
Env res: 0.87
data UnDeut, rep 2
pop1 = 1.00
Dabs_1 = 0.0
m/z = 899.52
pop2 = 0.00
Dabs_2 = 16.2
m/z = 904.71
m/z = 899.48
Env res: 0.87
data UnDeut, rep 3
pop1 = 1.00
Dabs_1 = 0.0
m/z = 899.52
pop2 = 0.00
Dabs_2 = 8.9
m/z = 902.75
m/z = 899.48
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 0.89
data 0.1s, rep 1
pop1 = 0.85
Dabs_1 = 1.9
m/z = 900.09
pop2 = 0.15
Dabs_2 = 5.4
m/z = 901.10
m/z = 900.26
Env res: 1.38
data 0.1s, rep 2
pop1 = 0.36
Dabs_1 = 2.0
m/z = 900.12
pop2 = 0.64
Dabs_2 = 5.9
m/z = 901.30
m/z = 900.92
Env res: 1.32
data 0.1s, rep 4
pop1 = 0.23
Dabs_1 = 2.1
m/z = 900.14
pop2 = 0.77
Dabs_2 = 7.1
m/z = 901.65
m/z = 901.37
data 0.1s
rep 1
rep 2
rep 4
Env res: 1.36
data 0.8s, rep 1
pop1 = 0.15
Dabs_1 = 2.8
m/z = 900.35
pop2 = 0.85
Dabs_2 = 8.6
m/z = 902.07
m/z = 901.92
Env res: 1.39
data 0.8s, rep 2
pop1 = 0.26
Dabs_1 = 2.6
m/z = 900.31
pop2 = 0.74
Dabs_2 = 8.4
m/z = 902.02
m/z = 901.71
Env res: 1.40
data 0.8s, rep 3
pop1 = 0.18
Dabs_1 = 2.1
m/z = 900.16
pop2 = 0.82
Dabs_2 = 7.2
m/z = 901.46
Env res: 1.19
data 0.8s, rep 4
pop1 = 0.20
Dabs_1 = 3.2
m/z = 900.52
pop2 = 0.80
Dabs_2 = 6.9
m/z = 901.58
m/z = 901.40
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 1.44
data 4.0s, rep 1
pop1 = 0.23
Dabs_1 = 4.7
m/z = 900.94
pop2 = 0.77
Dabs_2 = 10.4
m/z = 902.66
m/z = 902.29
Env res: 1.41
data 4.0s, rep 2
pop1 = 0.19
Dabs_1 = 4.3
m/z = 900.79
pop2 = 0.81
Dabs_2 = 10.2
m/z = 902.58
m/z = 902.23
Env res: 1.48
data 4.0s, rep 3
pop1 = 0.24
Dabs_1 = 4.6
m/z = 900.88
pop2 = 0.76
Dabs_2 = 10.4
m/z = 902.65
m/z = 902.22
data 4.0s
rep 1
rep 2
rep 3
Env res: 1.26
data 60.0s, rep 1
pop1 = 0.07
Dabs_1 = 4.2
m/z = 900.78
pop2 = 0.93
Dabs_2 = 11.4
m/z = 902.94
m/z = 902.79
Env res: 1.23
data 60.0s, rep 2
pop1 = 0.18
Dabs_1 = 7.3
m/z = 901.73
pop2 = 0.82
Dabs_2 = 11.7
m/z = 903.05
m/z = 902.81
Env res: 1.23
data 60.0s, rep 3
pop1 = 0.33
Dabs_1 = 8.4
m/z = 902.00
pop2 = 0.67
Dabs_2 = 12.2
m/z = 903.19
m/z = 902.82
Env res: 1.29
data 60.0s, rep 4
pop1 = 0.06
Dabs_1 = 3.8
m/z = 900.65
pop2 = 0.94
Dabs_2 = 11.0
m/z = 902.82
m/z = 902.68
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.10
data 1800.0s, rep 1
pop1 = 0.79
Dabs_1 = 10.9
m/z = 902.77
pop2 = 0.21
Dabs_2 = 13.4
m/z = 903.74
m/z = 902.98
Env res: 1.25
data 1800.0s, rep 2
pop1 = 0.07
Dabs_1 = 9.9
m/z = 899.85
pop2 = 0.93
Dabs_2 = 10.8
m/z = 902.74
m/z = 902.70
Env res: 1.22
data 1800.0s, rep 3
pop1 = 0.06
Dabs_1 = 5.0
m/z = 900.81
pop2 = 0.94
Dabs_2 = 11.1
m/z = 902.86
m/z = 902.78
Env res: 1.10
data 1800.0s, rep 4
pop1 = 0.23
Dabs_1 = 9.8
m/z = 902.49
pop2 = 0.77
Dabs_2 = 12.1
m/z = 903.17
m/z = 903.00
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.15
data 72000.0s, rep 1
pop1 = 0.75
Dabs_1 = 11.0
m/z = 899.52
pop2 = 0.25
Dabs_2 = 13.9
m/z = 903.03
m/z = 903.04
Env res: 1.08
data 72000.0s, rep 2
pop1 = 0.72
Dabs_1 = 11.3
m/z = 900.83
pop2 = 0.28
Dabs_2 = 12.0
m/z = 903.00
m/z = 902.99
Env res: 1.08
data 72000.0s, rep 3
pop1 = 0.06
Dabs_1 = 3.2
m/z = 900.35
pop2 = 0.94
Dabs_2 = 11.9
m/z = 903.04
m/z = 903.04
Env res: 1.11
data 72000.0s, rep 4
pop1 = 0.05
Dabs_1 = 0.6
m/z = 899.52
pop2 = 0.95
Dabs_2 = 11.7
m/z = 902.93
m/z = 902.95
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.15
data FullDeut, rep 1
pop1 = 0.01
Dabs_1 = 2.9
m/z = 900.41
pop2 = 0.99
Dabs_2 = 11.1
m/z = 902.85
m/z = 902.82
Env res: 1.15
data FullDeut, rep 2
pop1 = 0.83
Dabs_1 = 10.4
m/z = 902.74
pop2 = 0.17
Dabs_2 = 13.3
m/z = 903.84
m/z = 902.78
data FullDeut
rep 1
rep 2
Intensity
m/z

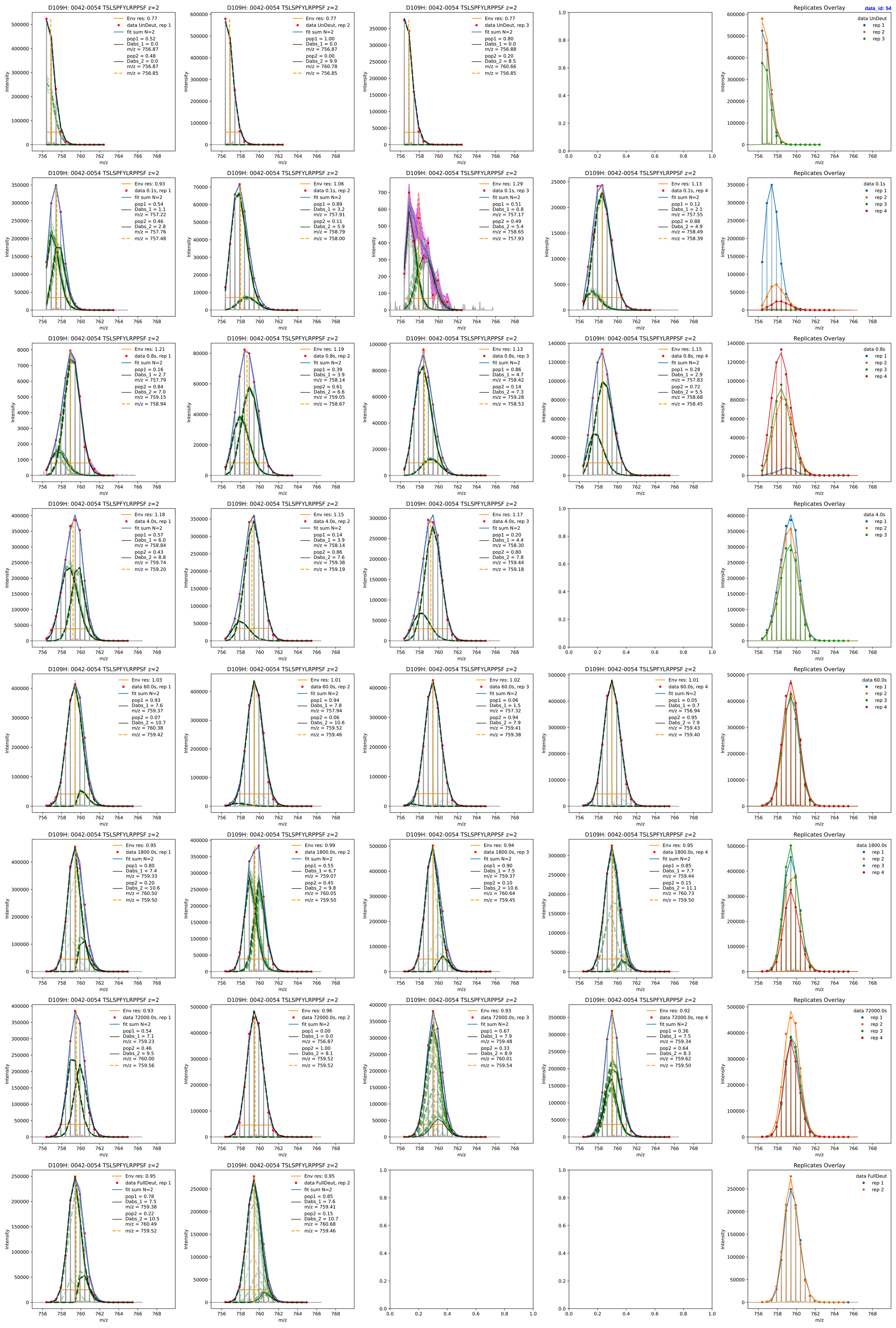

data_id: 48
D109H: 0038-0053 FPTSTSLSPFYLRPPS z=2
Replicates Overlay
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
UnDeut
0.1s, rep1
0.1s, rep2
0.1s, rep4
0.1s
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
0.8s
4.0s, rep1
4.0s, rep2
4.0s, rep3
4.0s
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, rep4
60.0s
1800.0s, rep1
1800.0s, rep2
1800.0s, rep3
1800.0s, rep4
1800.0s
72000.0s, rep1
72000.0s, rep2
72000.0s, rep3
72000.0s, rep4
72000.0s
FullDeut, rep1
FullDeut, rep2
FullDeut
pop0
pop1
Centroid
1_pop0
1_pop1
2_pop0
2_pop1
3_pop0
3_pop1
4_pop0
4_pop1
population
Absolute Deuterium Level (Da)


D109H: 0038-0053 FPTSTSLSPFYLRPPS z=2
data_id: 48
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4

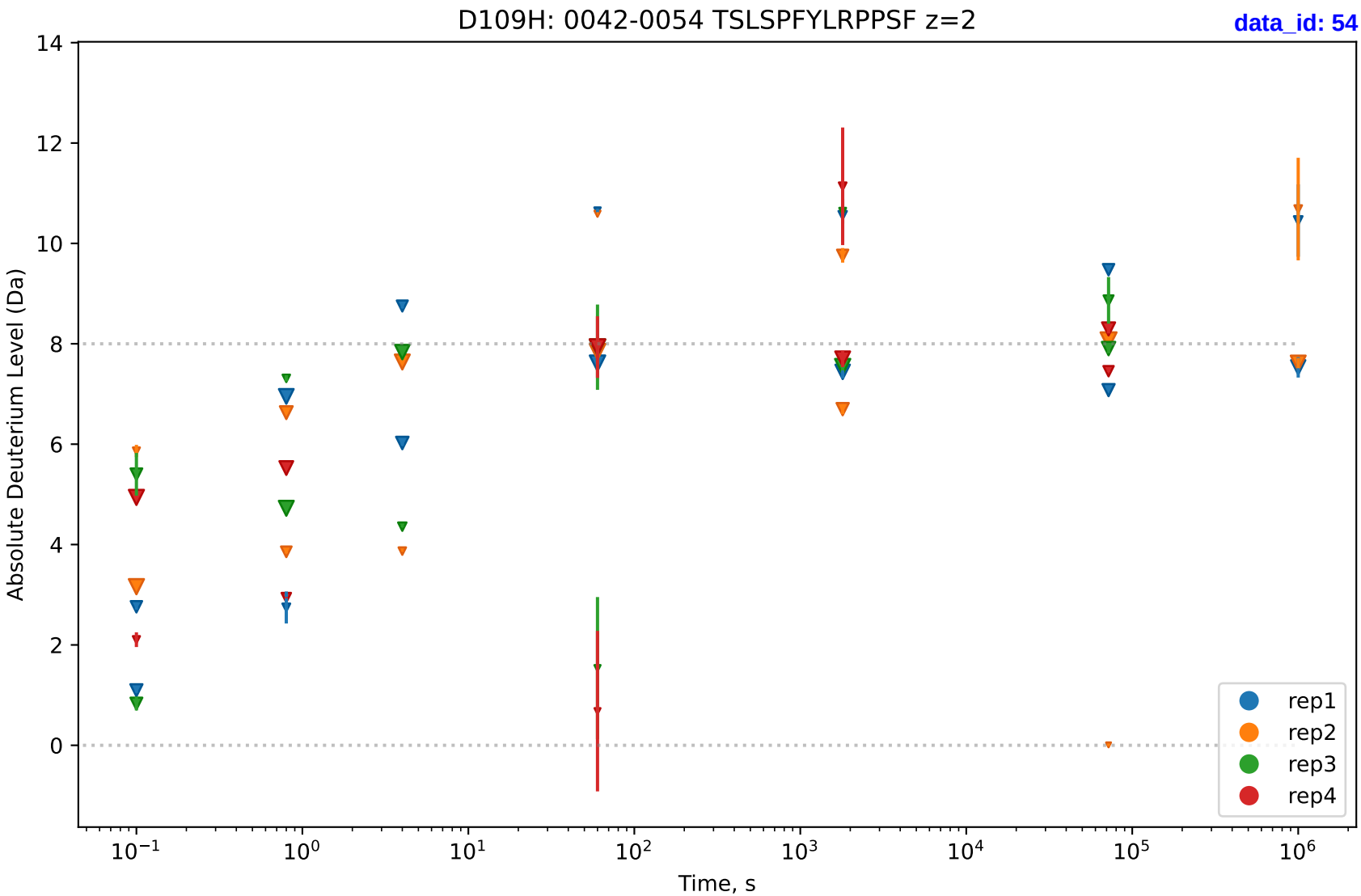

data_id: 51
D109H: 0038-0054 FPTSTSLSPFYLRPPSF z=2
Env res: 0.92
data UnDeut, rep 1
fit sum N=2
pop1 = 0.92
Dabs_1 = 0.0
m/z = 973.10
pop2 = 0.08
Dabs_2 = 0.5
m/z = 973.76
m/z = 973.11
Env res: 0.88
data UnDeut, rep 2
pop1 = 0.85
Dabs_1 = 0.2
m/z = 973.17
pop2 = 0.15
Dabs_2 = 13.1
m/z = 978.18
m/z = 973.14
Env res: 0.94
data UnDeut, rep 3
pop1 = 0.94
Dabs_1 = 0.0
m/z = 973.10
pop2 = 0.06
Dabs_2 = 2.9
m/z = 973.92
m/z = 973.14
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 1.07
data 0.1s, rep 1
pop1 = 0.77
Dabs_1 = 1.8
m/z = 973.66
pop2 = 0.23
Dabs_2 = 5.4
m/z = 974.74
m/z = 973.87
Env res: 1.24
data 0.1s, rep 2
pop1 = 0.30
Dabs_1 = 1.9
m/z = 973.68
pop2 = 0.70
Dabs_2 = 5.6
m/z = 974.76
m/z = 974.46
Env res: 1.36
data 0.1s, rep 4
pop1 = 0.82
Dabs_1 = 5.7
m/z = 974.79
pop2 = 0.18
Dabs_2 = 10.6
m/z = 976.26
m/z = 975.06
data 0.1s
rep 1
rep 2
rep 4
Env res: 1.57
data 0.8s, rep 1
pop1 = 0.21
Dabs_1 = 4.2
m/z = 974.29
pop2 = 0.79
Dabs_2 = 10.4
m/z = 976.14
m/z = 975.76
Env res: 1.45
data 0.8s, rep 2
pop1 = 0.42
Dabs_1 = 4.9
m/z = 974.55
pop2 = 0.58
Dabs_2 = 8.8
m/z = 975.70
m/z = 975.24
Env res: 1.33
data 0.8s, rep 3
pop1 = 0.28
Dabs_1 = 3.6
m/z = 974.17
pop2 = 0.72
Dabs_2 = 8.1
m/z = 975.49
m/z = 975.13
Env res: 1.30
data 0.8s, rep 4
pop1 = 0.21
Dabs_1 = 3.1
m/z = 974.01
pop2 = 0.79
Dabs_2 = 6.8
m/z = 975.12
m/z = 974.90
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 1.47
data 4.0s, rep 1
pop1 = 0.43
Dabs_1 = 6.8
m/z = 975.10
pop2 = 0.57
Dabs_2 = 12.1
m/z = 976.66
m/z = 975.99
Env res: 1.47
data 4.0s, rep 2
pop1 = 0.35
Dabs_1 = 6.5
m/z = 975.02
pop2 = 0.65
Dabs_2 = 11.9
m/z = 976.61
m/z = 976.05
Env res: 1.46
data 4.0s, rep 3
pop1 = 0.46
Dabs_1 = 6.7
m/z = 975.08
pop2 = 0.54
Dabs_2 = 11.8
m/z = 976.57
m/z = 975.89
data 4.0s
rep 1
rep 2
rep 3
Env res: 1.26
data 60.0s, rep 1
pop1 = 0.19
Dabs_1 = 7.9
m/z = 975.43
pop2 = 0.81
Dabs_2 = 12.3
m/z = 976.72
m/z = 976.47
Env res: 1.29
data 60.0s, rep 2
pop1 = 0.69
Dabs_1 = 10.5
m/z = 976.18
pop2 = 0.31
Dabs_2 = 13.7
m/z = 977.15
m/z = 976.45
Env res: 1.28
data 60.0s, rep 3
pop1 = 0.73
Dabs_1 = 10.3
m/z = 976.13
pop2 = 0.27
Dabs_2 = 13.9
m/z = 977.20
m/z = 976.38
Env res: 1.29
data 60.0s, rep 4
pop1 = 0.51
Dabs_1 = 9.6
m/z = 975.92
pop2 = 0.49
Dabs_2 = 13.2
m/z = 976.99
m/z = 976.43
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.15
data 1800.0s, rep 1
pop1 = 0.85
Dabs_1 = 12.1
m/z = 976.67
pop2 = 0.15
Dabs_2 = 14.1
m/z = 977.27
m/z = 976.75
Env res: 1.14
data 1800.0s, rep 2
pop1 = 0.70
Dabs_1 = 11.6
m/z = 976.50
pop2 = 0.30
Dabs_2 = 13.8
m/z = 977.20
m/z = 976.71
Env res: 1.17
data 1800.0s, rep 3
pop1 = 0.59
Dabs_1 = 10.5
m/z = 976.21
pop2 = 0.41
Dabs_2 = 14.7
m/z = 977.49
m/z = 976.71
Env res: 1.13
data 1800.0s, rep 4
pop1 = 0.33
Dabs_1 = 9.6
m/z = 975.95
pop2 = 0.67
Dabs_2 = 13.5
m/z = 977.09
m/z = 976.69
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.13
data 72000.0s, rep 1
pop1 = 0.21
Dabs_1 = 10.3
m/z = 976.14
pop2 = 0.79
Dabs_2 = 12.7
m/z = 976.86
m/z = 976.72
Env res: 1.11
data 72000.0s, rep 2
pop1 = 0.01
Dabs_1 = 4.4
m/z = 974.39
pop2 = 0.99
Dabs_2 = 12.2
m/z = 976.71
m/z = 976.69
Env res: 1.14
data 72000.0s, rep 3
pop1 = 0.55
Dabs_1 = 10.6
m/z = 976.22
pop2 = 0.45
Dabs_2 = 13.9
m/z = 977.21
m/z = 976.68
Env res: 1.16
data 72000.0s, rep 4
pop1 = 0.79
Dabs_1 = 11.5
m/z = 976.48
pop2 = 0.21
Dabs_2 = 15.3
m/z = 977.72
m/z = 976.72
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.13
data FullDeut, rep 1
pop1 = 0.76
Dabs_1 = 11.2
m/z = 976.42
pop2 = 0.24
Dabs_2 = 14.5
m/z = 977.42
m/z = 976.66
Env res: 1.17
data FullDeut, rep 2
pop1 = 0.60
Dabs_1 = 10.1
m/z = 976.11
pop2 = 0.40
Dabs_2 = 14.7
m/z = 977.47
m/z = 976.62
data FullDeut
rep 1
rep 2
Intensity
m/z

data_id: 51
D109H: 0038-0054 FPTSTSLSPFYLRPPSF z=2
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
UnDeut, rep4
0.1s, rep1
0.1s, rep2
0.1s, rep4
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
4.0s, rep1
4.0s, rep2
4.0s, rep3
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, rep4
1800.0s, rep1
1800.0s, rep2
1800.0s, rep3
1800.0s, rep4
72000.0s, rep1
72000.0s, rep2
72000.0s, rep3
72000.0s, rep4
FullDeut, rep1
FullDeut, rep2
pop0
pop1
Centroid
Replicates Overlay
UnDeut
0.1s
0.8s
4.0s
60.0s
1800.0s
72000.0s
FullDeut
1_pop0
1_pop1
2_pop0
2_pop1
3_pop0
3_pop1
4_pop0
4_pop1
population
Absolute Deuterium Level (Da)


D109H: 0038-0054 FPTSTSLSPFYLRPPSF z=2
data_id: 51
Absolute Deuterium Level (Da)
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
10^{-1}
10^{0}
10^{1}
10^{2}
10^{3}
10^{4}
10^{5}
10^{6}
Time, s
rep1
rep2
rep3
rep4


data_id: 54
D109H: 0042-0054 TSLSPFYLRPPSF z=2
Env res: 0.77
data UnDeut, rep 1
fit sum N=2
pop1 = 0.52
Dabs_1 = 0.0
m/z = 756.87
pop2 = 0.48
Dabs_2 = 0.0
m/z = 756.87
m/z = 756.85
D109H: 0042-0054 TSLSPFYLRPPSF z=2
Env res: 0.77
data UnDeut, rep 2
fit sum N=2
pop1 = 1.00
Dabs_1 = 0.0
m/z = 756.87
pop2 = 0.00
Dabs_2 = 9.9
m/z = 760.78
m/z = 756.85
D109H: 0042-0054 TSLSPFYLRPPSF z=2
Env res: 0.77
data UnDeut, rep 3
fit sum N=2
pop1 = 0.80
Dabs_1 = 0.0
m/z = 756.88
pop2 = 0.20
Dabs_2 = 8.5
m/z = 760.66
m/z = 756.85
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
D109H: 0042-0054 TSLSPFYLRPPSF z=2
Env res: 0.93
data 0.1s, rep 1
fit sum N=2
pop1 = 0.54
Dabs_1 = 1.1
m/z = 757.22
pop2 = 0.46
Dabs_2 = 2.8
m/z = 757.76
m/z = 757.48
D109H: 0042-0054 TSLSPFYLRPPSF z=2
Env res: 1.06
data 0.1s, rep 2
fit sum N=2
pop1 = 0.89
Dabs_1 = 3.2
m/z = 757.91
pop2 = 0.11
Dabs_2 = 5.9
m/z = 758.79
m/z = 758.00
D109H: 0042-0054 TSLSPFYLRPPSF z=2
Env res: 1.29
data 0.1s, rep 3
fit sum N=2
pop1 = 0.51
Dabs_1 = 0.8
m/z = 757.17
pop2 = 0.49
Dabs_2 = 5.4
m/z = 758.65
m/z = 757.93
D109H: 0042-0054 TSLSPFYLRPPSF z=2
Env res: 1.13
data 0.1s, rep 4
fit sum N=2
pop1 = 0.12
Dabs_1 = 2.1
m/z = 757.55
pop2 = 0.88
Dabs_2 = 4.9
m/z = 758.49
m/z = 758.39
Replicates Overlay
data 0.1s
rep 1
rep 2
rep 3
rep 4
D109H: 0042-0054 TSLSPFYLRPPSF z=2
Env res: 1.21
data 0.8s, rep 1
fit sum N=2
pop1 = 0.16
Dabs_1 = 2.7
m/z = 757.79
pop2 = 0.84
Dabs_2 = 7.0
m/z = 759.15
m/z = 758.94
D109H: 0042-0054 TSLSPFYLRPPSF z=2
Env res: 1.19
data 0.8s, rep 2
fit sum N=2
pop1 = 0.39
Dabs_1 = 3.9
m/z = 758.14
pop2 = 0.61
Dabs_2 = 6.6
m/z = 759.05
m/z = 758.67
D109H: 0042-0054 TSLSPFYLRPPSF z=2
Env res: 1.13
data 0.8s, rep 3
fit sum N=2
pop1 = 0.86
Dabs_1 = 4.7
m/z = 758.42
pop2 = 0.14
Dabs_2 = 7.3
m/z = 759.28
m/z = 758.53
D109H: 0042-0054 TSLSPFYLRPPSF z=2
Env res: 1.15
data 0.8s, rep 4
fit sum N=2
pop1 = 0.28
Dabs_1 = 2.9
m/z = 757.83
pop2 = 0.72
Dabs_2 = 5.5
m/z = 758.68
m/z = 758.45
Replicates Overlay
data 0.8s
rep 1
rep 2
rep 3
rep 4
D109H: 0042-0054 TSLSPFYLRPPSF z=2
Env res: 1.18
data 4.0s, rep 1
fit sum N=2
pop1 = 0.57
Dabs_1 = 6.0
m/z = 758.84
pop2 = 0.43
Dabs_2 = 8.8
m/z = 759.74
m/z = 759.20
D109H: 0042-0054 TSLSPFYLRPPSF z=2
Env res: 1.15
data 4.0s, rep 2
fit sum N=2
pop1 = 0.14
Dabs_1 = 3.9
m/z = 758.14
pop2 = 0.86
Dabs_2 = 7.6
m/z = 759.38
m/z = 759.19
D109H: 0042-0054 TSLSPFYLRPPSF z=2
Env res: 1.17
data 4.0s, rep 3
fit sum N=2
pop1 = 0.20
Dabs_1 = 4.4
m/z = 758.30
pop2 = 0.80
Dabs_2 = 7.8
m/z = 759.44
m/z = 759.18
Replicates Overlay
data 4.0s
rep 1
rep 2
rep 3
D109H: 0042-0054 TSLSPFYLRPPSF z=2
Env res: 1.03
data 60.0s, rep 1
fit sum N=2
pop1 = 0.93
Dabs_1 = 7.6
m/z = 759.37
pop2 = 0.07
Dabs_2 = 10.7
m/z = 760.38
m/z = 759.42
D109H: 0042-0054 TSLSPFYLRPPSF z=2
Env res: 1.01
data 60.0s, rep 2
fit sum N=2
pop1 = 0.94
Dabs_1 = 7.8
m/z = 757.94
pop2 = 0.06
Dabs_2 = 10.6
m/z = 759.52
m/z = 759.46
D109H: 0042-0054 TSLSPFYLRPPSF z=2
Env res: 1.02
data 60.0s, rep 3
fit sum N=2
pop1 = 0.06
Dabs_1 = 1.5
m/z = 757.32
pop2 = 0.94
Dabs_2 = 7.9
m/z = 759.41
m/z = 759.38
D109H: 0042-0054 TSLSPFYLRPPSF z=2
Env res: 1.01
data 60.0s, rep 4
fit sum N=2
pop1 = 0.05
Dabs_1 = 0.7
m/z = 756.94
pop2 = 0.95
Dabs_2 = 7.9
m/z = 759.43
m/z = 759.40
Replicates Overlay
data 60.0s
rep 1
rep 2
rep 3
rep 4
D109H: 0042-0054 TSLSPFYLRPPSF z=2
Env res: 0.95
data 1800.0s, rep 1
fit sum N=2
pop1 = 0.80
Dabs_1 = 7.4
m/z = 759.33
pop2 = 0.20
Dabs_2 = 10.6
m/z = 760.50
m/z = 759.50
D109H: 0042-0054 TSLSPFYLRPPSF z=2
Env res: 0.99
data 1800.0s, rep 2
fit sum N=2
pop1 = 0.55
Dabs_1 = 6.7
m/z = 759.07
pop2 = 0.45
Dabs_2 = 9.8
m/z = 760.05
m/z = 759.50
D109H: 0042-0054 TSLSPFYLRPPSF z=2
Env res: 0.94
data 1800.0s, rep 3
fit sum N=2
pop1 = 0.90
Dabs_1 = 7.5
m/z = 759.37
pop2 = 0.10
Dabs_2 = 10.6
m/z = 760.64
m/z = 759.45
D109H: 0042-0054 TSLSPFYLRPPSF z=2
Env res: 0.95
data 1800.0s, rep 4
fit sum N=2
pop1 = 0.85
Dabs_1 = 7.7
m/z = 759.44
pop2 = 0.15
Dabs_2 = 11.1
m/z = 760.73
m/z = 759.50
Replicates Overlay
data 1800.0s
rep 1
rep 2
rep 3
rep 4
D109H: 0042-0054 TSLSPFYLRPPSF z=2
Env res: 0.93
data 72000.0s, rep 1
fit sum N=2
pop1 = 0.54
Dabs_1 = 7.1
m/z = 759.23
pop2 = 0.46
Dabs_2 = 9.5
m/z = 760.00
m/z = 759.56
D109H: 0042-0054 TSLSPFYLRPPSF z=2
Env res: 0.96
data 72000.0s, rep 2
fit sum N=2
pop1 = 0.00
Dabs_1 = 0.0
m/z = 756.87
pop2 = 1.00
Dabs_2 = 8.1
m/z = 759.52
m/z = 759.52
D109H: 0042-0054 TSLSPFYLRPPSF z=2
Env res: 0.93
data 72000.0s, rep 3
fit sum N=2
pop1 = 0.67
Dabs_1 = 7.9
m/z = 759.48
pop2 = 0.33
Dabs_2 = 8.9
m/z = 760.01
m/z = 759.54
D109H: 0042-0054 TSLSPFYLRPPSF z=2
Env res: 0.92
data 72000.0s, rep 4
fit sum N=2
pop1 = 0.36
Dabs_1 = 7.5
m/z = 759.34
pop2 = 0.64
Dabs_2 = 8.3
m/z = 759.62
m/z = 759.50
Replicates Overlay
data 72000.0s
rep 1
rep 2
rep 3
rep 4
D109H: 0042-0054 TSLSPFYLRPPSF z=2
Env res: 0.95
data FullDeut, rep 1
fit sum N=2
pop1 = 0.78
Dabs_1 = 7.5
m/z = 759.38
pop2 = 0.22
Dabs_2 = 10.5
m/z = 760.49
m/z = 759.52
D109H: 0042-0054 TSLSPFYLRPPSF z=2
Env res: 0.95
data FullDeut, rep 2
fit sum N=2
pop1 = 0.85
Dabs_1 = 7.6
m/z = 759.41
pop2 = 0.15
Dabs_2 = 10.7
m/z = 760.68
m/z = 759.46
Replicates Overlay
data FullDeut
rep 1
rep 2
Intensity
m/z

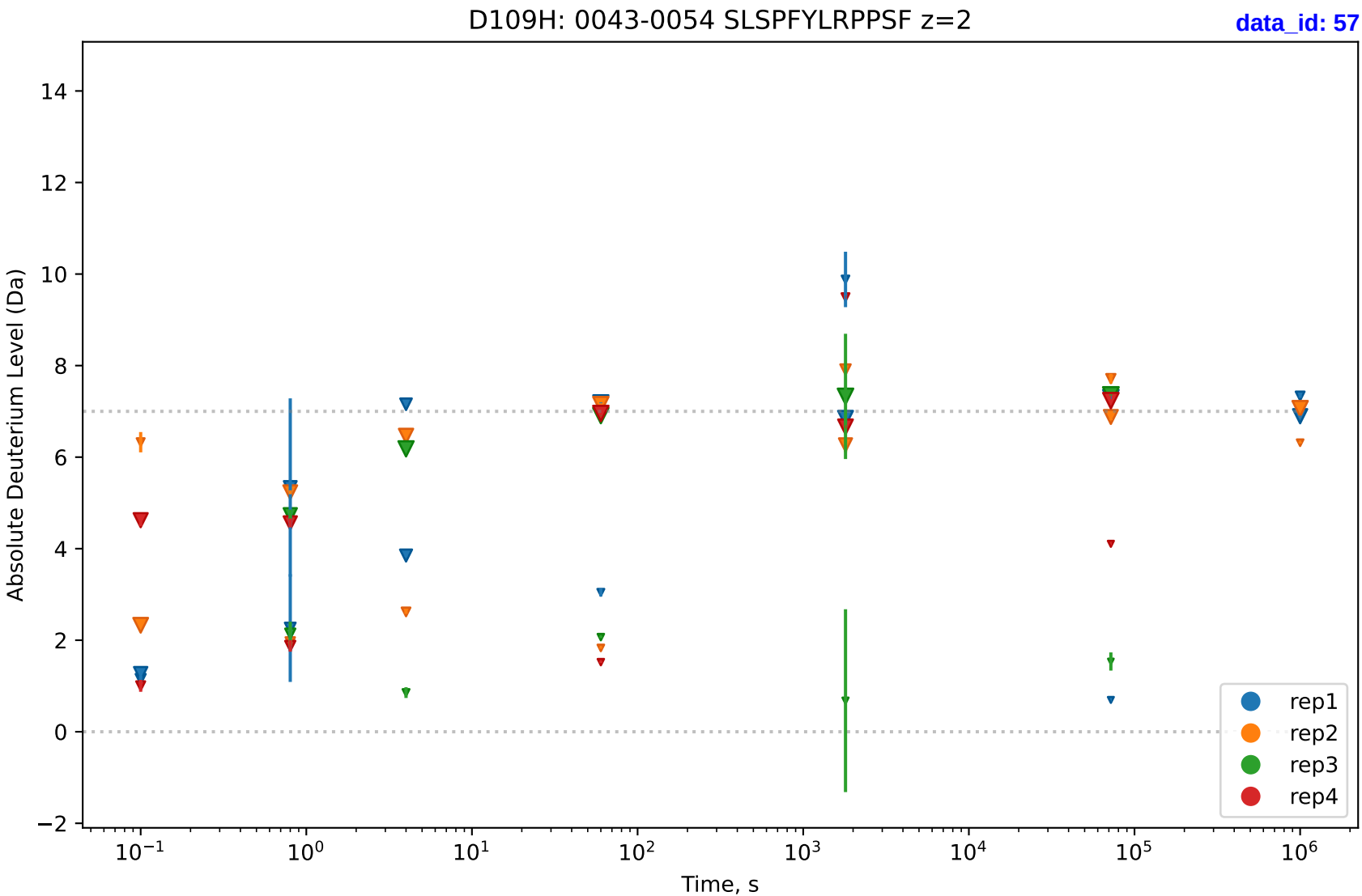
data_id: 54
D109H: 0042-0054 TSLSPFYLRPPSF z=2
Replicates Overlay
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
UnDeut
0.1s, rep1
0.1s, rep2
0.1s, rep3
0.1s, rep4
0.1s
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
0.8s
4.0s, rep1
4.0s, rep2
4.0s, rep3
4.0s
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, rep4
60.0s
1800.0s, rep1
1800.0s, rep2
1800.0s, rep3
1800.0s, rep4
1800.0s
72000.0s, rep1
72000.0s, rep2
72000.0s, rep3
72000.0s, rep4
72000.0s
FullDeut, rep1
FullDeut, rep2
FullDeut
pop0
pop1
Centroid
1_pop0
1_pop1
2_pop0
2_pop1
3_pop0
3_pop1
4_pop0
4_pop1
population
Absolute Deuterium Level (Da)

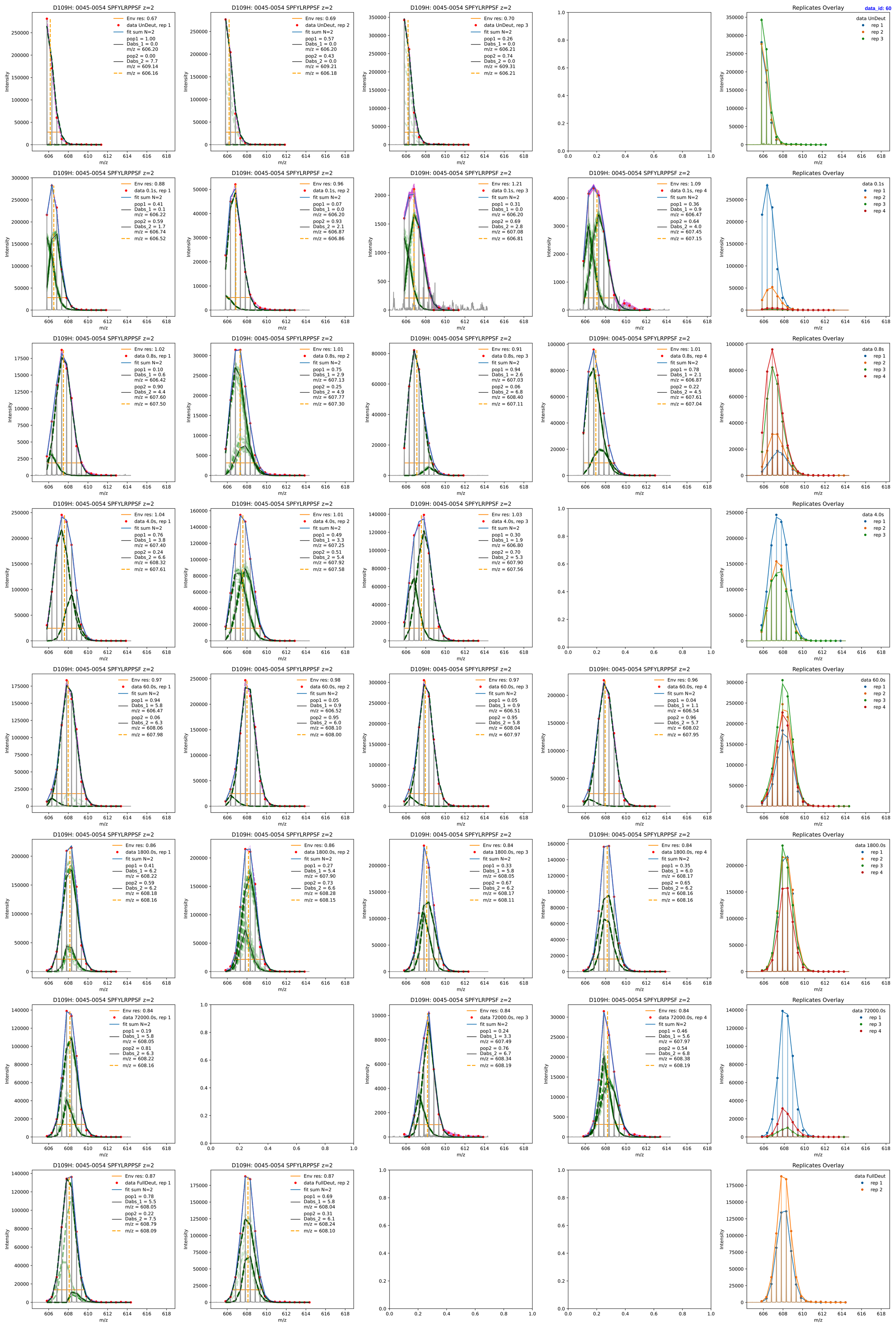

D109H: 0042-0054 TSLSPFYLRPPSF z=2
data_id: 54
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4

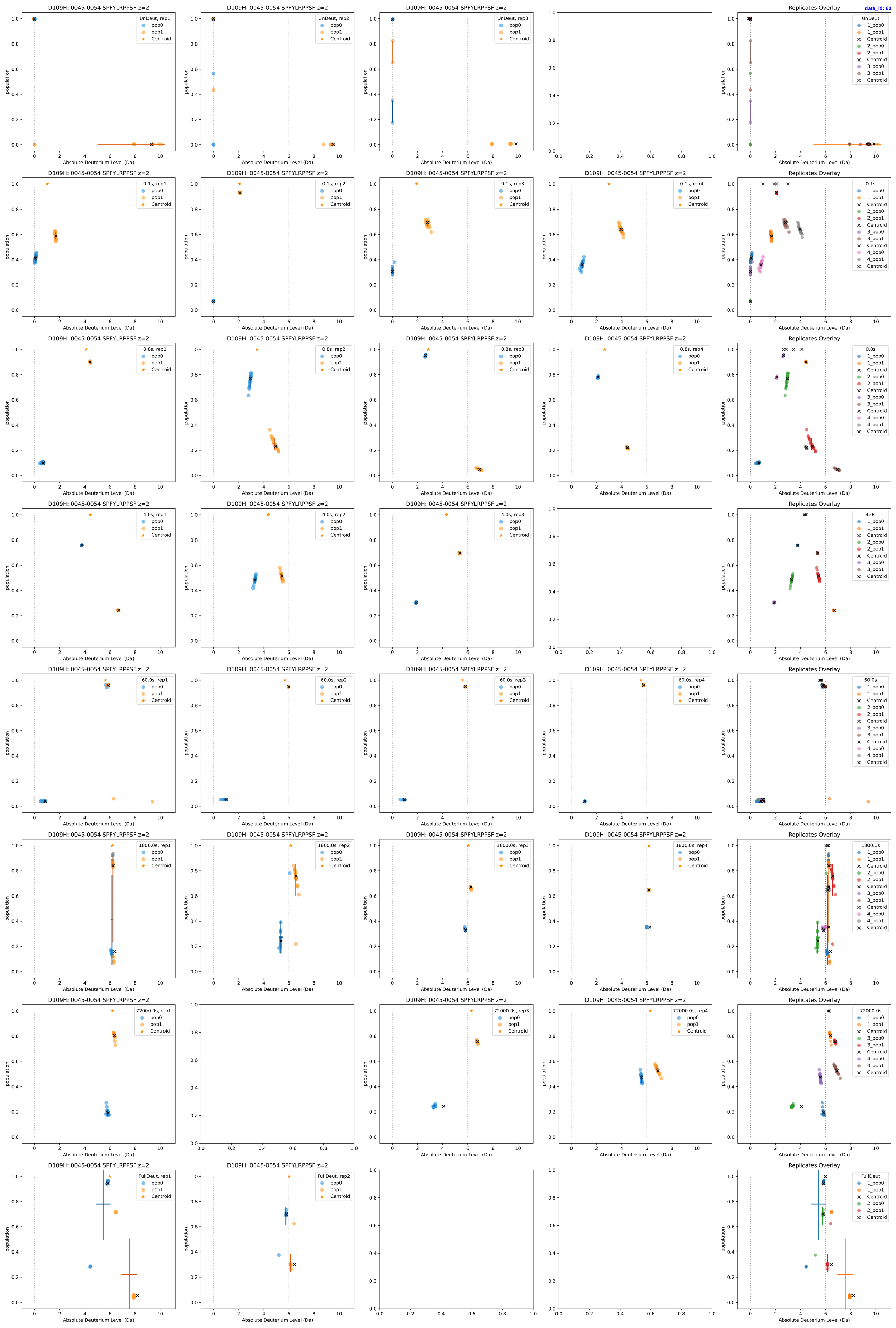
data_id: 57

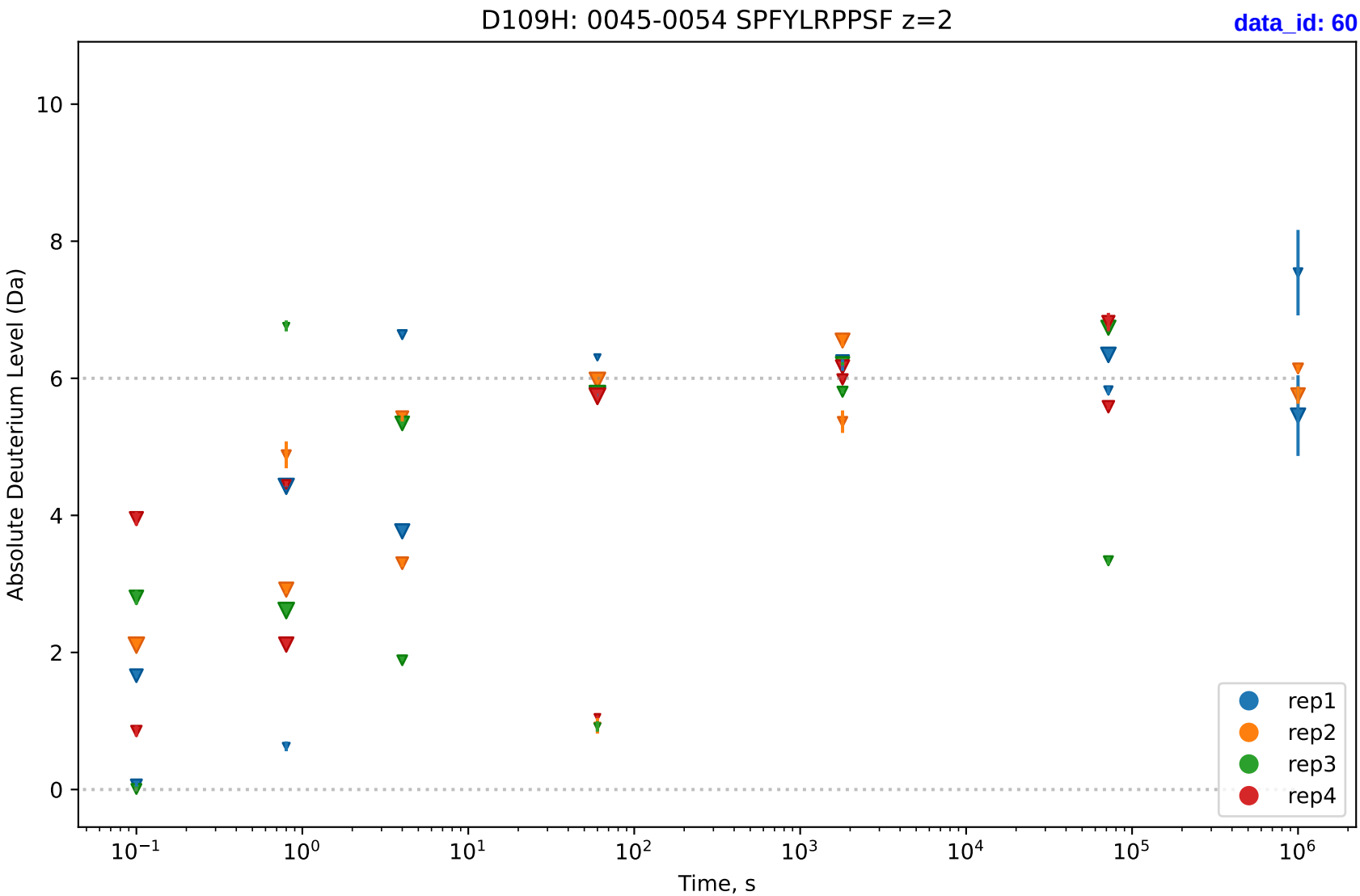
D109H: 0043-0054 SLSPFYLRPPSF z=2
Env res: 0.79
data UnDeut, rep 1
fit sum N=2
pop1 = 1.00
Dabs_1 = 0.0
m/z = 706.32
pop2 = 0.00
Dabs_2 = 10.6
m/z = 709.79
m/z = 706.33
Env res: 0.76
data UnDeut, rep 2
fit sum N=2
pop1 = 0.99
Dabs_1 = 0.0
m/z = 706.32
pop2 = 0.01
Dabs_2 = 6.4
m/z = 708.33
m/z = 706.33
Env res: 0.77
data UnDeut, rep 3
fit sum N=2
pop1 = 0.55
Dabs_1 = 0.0
m/z = 706.32
pop2 = 0.45
Dabs_2 = 0.0
m/z = 710.55
m/z = 706.30
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 0.94
data 0.1s, rep 1
fit sum N=2
pop1 = 0.34
Dabs_1 = 1.2
m/z = 706.69
pop2 = 0.66
Dabs_2 = 1.3
m/z = 708.50
m/z = 706.72
Env res: 1.15
data 0.1s, rep 2
fit sum N=2
pop1 = 0.83
Dabs_1 = 2.3
m/z = 707.05
pop2 = 0.17
Dabs_2 = 6.3
m/z = 708.30
m/z = 707.26
Env res: 1.10
data 0.1s, rep 4
fit sum N=2
pop1 = 0.25
Dabs_1 = 1.0
m/z = 706.64
pop2 = 0.75
Dabs_2 = 4.6
m/z = 707.77
m/z = 707.50
Replicates Overlay
data 0.1s
rep 1
rep 2
rep 4
Env res: 1.18
data 0.8s, rep 1
fit sum N=2
pop1 = 0.40
Dabs_1 = 2.3
m/z = 707.16
pop2 = 0.60
Dabs_2 = 5.3
m/z = 707.85
m/z = 707.92
Env res: 1.19
data 0.8s, rep 2
fit sum N=2
pop1 = 0.28
Dabs_1 = 2.0
m/z = 706.93
pop2 = 0.72
Dabs_2 = 5.2
m/z = 707.97
m/z = 707.68
Env res: 1.12
data 0.8s, rep 3
fit sum N=2
pop1 = 0.34
Dabs_1 = 2.1
m/z = 707.02
pop2 = 0.66
Dabs_2 = 4.7
m/z = 707.83
m/z = 707.58
Env res: 1.17
data 0.8s, rep 4
fit sum N=2
pop1 = 0.35
Dabs_1 = 1.9
m/z = 706.92
pop2 = 0.65
Dabs_2 = 4.6
m/z = 707.77
m/z = 707.49
Replicates Overlay
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 1.13
data 4.0s, rep 1
fit sum N=2
pop1 = 0.52
Dabs_1 = 3.8
m/z = 707.54
pop2 = 0.48
Dabs_2 = 7.2
m/z = 708.62
m/z = 708.06
Env res: 1.16
data 4.0s, rep 2
fit sum N=2
pop1 = 0.22
Dabs_1 = 2.6
m/z = 707.15
pop2 = 0.78
Dabs_2 = 6.5
m/z = 708.37
m/z = 708.12
Env res: 1.18
data 4.0s, rep 3
fit sum N=2
pop1 = 0.10
Dabs_1 = 0.9
m/z = 706.63
pop2 = 0.90
Dabs_2 = 6.2
m/z = 708.28
m/z = 708.11
Replicates Overlay
data 4.0s
rep 1
rep 2
rep 3
Env res: 1.04
data 60.0s, rep 1
fit sum N=2
pop1 = 0.10
Dabs_1 = 3.0
m/z = 707.30
pop2 = 0.90
Dabs_2 = 7.2
m/z = 708.60
m/z = 708.44
Env res: 1.07
data 60.0s, rep 2
fit sum N=2
pop1 = 0.08
Dabs_1 = 1.8
m/z = 706.90
pop2 = 0.92
Dabs_2 = 7.1
m/z = 708.59
m/z = 708.46
Env res: 1.05
data 60.0s, rep 3
fit sum N=2
pop1 = 0.08
Dabs_1 = 2.1
m/z = 706.97
pop2 = 0.92
Dabs_2 = 6.9
m/z = 708.51
m/z = 708.41
Env res: 1.10
data 60.0s, rep 4
fit sum N=2
pop1 = 0.08
Dabs_1 = 1.5
m/z = 706.80
pop2 = 0.92
Dabs_2 = 7.0
m/z = 708.53
m/z = 708.42
Replicates Overlay
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 0.92
data 1800.0s, rep 1
fit sum N=2
pop1 = 0.85
Dabs_1 = 6.8
m/z = 708.49
pop2 = 0.15
Dabs_2 = 9.9
m/z = 709.31
m/z = 708.60
Env res: 0.92
data 1800.0s, rep 2
fit sum N=2
pop1 = 0.64
Dabs_1 = 6.3
m/z = 708.35
pop2 = 0.36
Dabs_2 = 7.9
m/z = 709.07
m/z = 708.59
Env res: 0.94
data 1800.0s, rep 3
fit sum N=2
pop1 = 0.06
Dabs_1 = 0.7
m/z = 706.32
pop2 = 0.94
Dabs_2 = 7.3
m/z = 708.55
m/z = 708.55
Env res: 0.99
data 1800.0s, rep 4
fit sum N=2
pop1 = 0.83
Dabs_1 = 6.7
m/z = 706.58
pop2 = 0.17
Dabs_2 = 9.5
m/z = 708.61
m/z = 708.62
Replicates Overlay
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 0.97
data 72000.0s, rep 1
fit sum N=2
pop1 = 0.05
Dabs_1 = 0.7
m/z = 706.51
pop2 = 0.95
Dabs_2 = 7.3
m/z = 708.64
m/z = 708.57
Env res: 0.96
data 72000.0s, rep 2
fit sum N=2
pop1 = 0.74
Dabs_1 = 6.9
m/z = 708.50
pop2 = 0.26
Dabs_2 = 7.7
m/z = 708.85
m/z = 708.58
Env res: 0.96
data 72000.0s, rep 3
fit sum N=2
pop1 = 0.04
Dabs_1 = 1.5
m/z = 707.06
pop2 = 0.96
Dabs_2 = 7.4
m/z = 708.66
m/z = 708.59
Env res: 0.95
data 72000.0s, rep 4
fit sum N=2
pop1 = 0.06
Dabs_1 = 4.1
m/z = 706.87
pop2 = 0.94
Dabs_2 = 7.2
m/z = 708.59
m/z = 708.55
Replicates Overlay
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 0.92
data FullDeut, rep 1
fit sum N=2
pop1 = 0.77
Dabs_1 = 6.9
m/z = 708.51
pop2 = 0.23
Dabs_2 = 7.3
m/z = 708.64
m/z = 708.56
Env res: 0.94
data FullDeut, rep 2
fit sum N=2
pop1 = 0.09
Dabs_1 = 6.3
m/z = 708.32
pop2 = 0.91
Dabs_2 = 7.1
m/z = 708.56
m/z = 708.54
Replicates Overlay
data FullDeut
rep 1
rep 2
Intensity
m/z

data_id: 57
D109H: 0043-0054 SLSPFYLRPPSF z=2
Replicates Overlay
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
UnDeut
0.1s, rep1
0.1s, rep2
0.1s, rep4
0.1s
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
0.8s
4.0s, rep1
4.0s, rep2
4.0s, rep3
4.0s
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, rep4
60.0s
1800.0s, rep1
1800.0s, rep2
1800.0s, rep3
1800.0s, rep4
1800.0s
72000.0s, rep1
72000.0s, rep2
72000.0s, rep3
72000.0s, rep4
72000.0s
FullDeut, rep1
FullDeut, rep2
FullDeut
pop0
pop1
Centroid
1_pop0
1_pop1
2_pop0
2_pop1
3_pop0
3_pop1
4_pop0
4_pop1
population
Absolute Deuterium Level (Da)

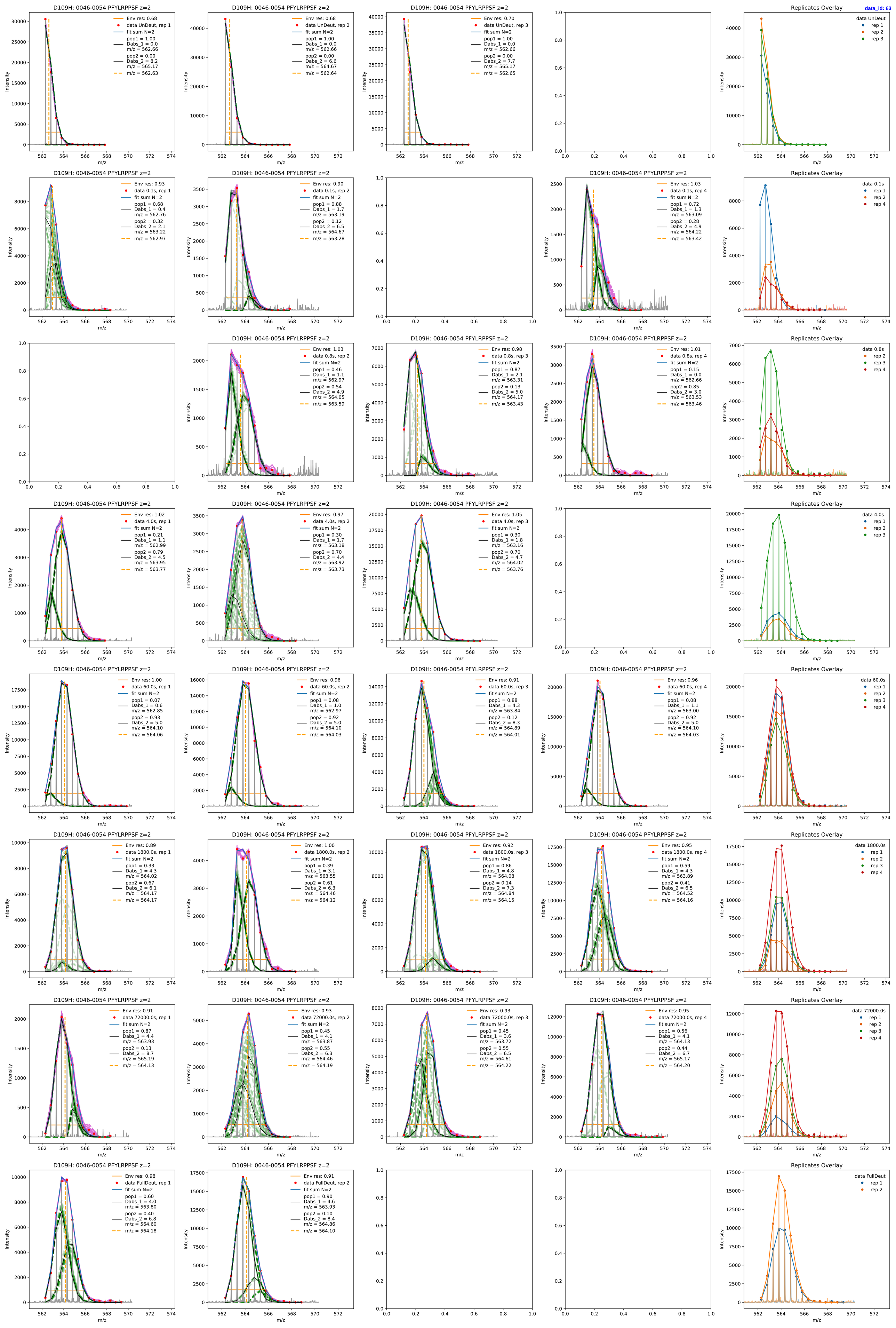

D109H: 0043-0054 SLSPFYLRPPSF z=2
data_id: 57
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4

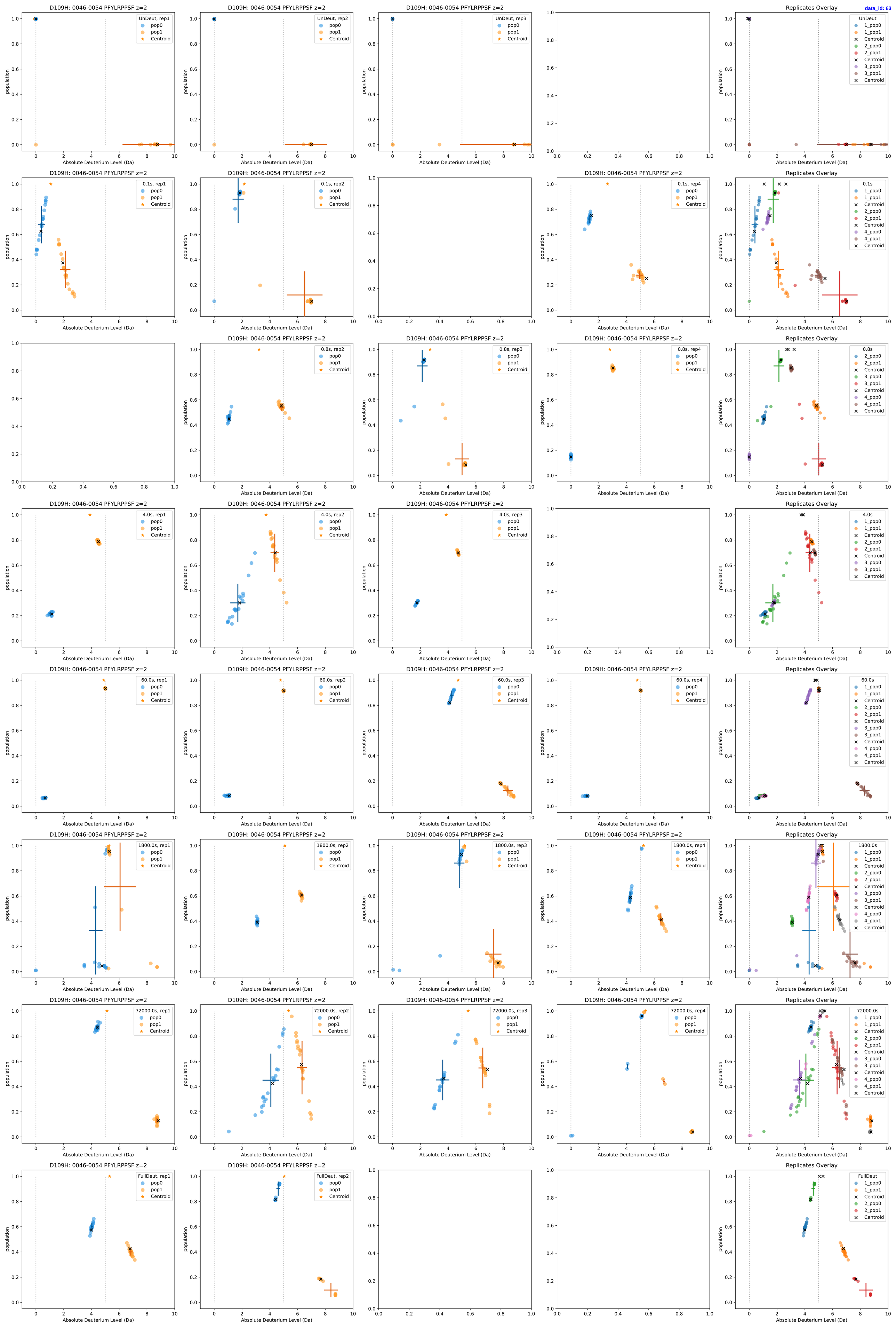

data_id: 60
D109H: 0045-0054 SPFYLRPPSF z=2
Env res: 0.67
data UnDeut, rep 1
fit sum N=2
pop1 = 1.00
Dabs_1 = 0.0
m/z = 606.20
pop2 = 0.00
Dabs_2 = 7.7
m/z = 609.14
m/z = 606.16
Env res: 0.69
data UnDeut, rep 2
pop1 = 0.57
Dabs_1 = 0.0
m/z = 606.20
pop2 = 0.43
Dabs_2 = 0.0
m/z = 609.21
m/z = 606.18
Env res: 0.70
data UnDeut, rep 3
pop1 = 0.26
Dabs_1 = 0.0
m/z = 606.21
pop2 = 0.74
Dabs_2 = 0.0
m/z = 609.31
m/z = 606.21
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 0.88
data 0.1s, rep 1
pop1 = 0.41
Dabs_1 = 0.1
m/z = 606.22
pop2 = 0.59
Dabs_2 = 1.7
m/z = 606.74
m/z = 606.52
Env res: 0.96
data 0.1s, rep 2
pop1 = 0.07
Dabs_1 = 0.0
m/z = 606.20
pop2 = 0.93
Dabs_2 = 2.1
m/z = 606.87
m/z = 606.86
Env res: 1.21
data 0.1s, rep 3
pop1 = 0.31
Dabs_1 = 0.0
m/z = 606.20
pop2 = 0.69
Dabs_2 = 2.8
m/z = 607.08
m/z = 606.81
Env res: 1.09
data 0.1s, rep 4
pop1 = 0.36
Dabs_1 = 0.9
m/z = 606.47
pop2 = 0.64
Dabs_2 = 4.0
m/z = 607.45
m/z = 607.15
data 0.1s
rep 1
rep 2
rep 3
rep 4
Env res: 1.02
data 0.8s, rep 1
pop1 = 0.10
Dabs_1 = 0.6
m/z = 606.42
pop2 = 0.90
Dabs_2 = 4.4
m/z = 607.60
m/z = 607.50
Env res: 1.01
data 0.8s, rep 2
pop1 = 0.75
Dabs_1 = 2.9
m/z = 607.13
pop2 = 0.25
Dabs_2 = 4.9
m/z = 607.77
m/z = 607.30
Env res: 0.91
data 0.8s, rep 3
pop1 = 0.94
Dabs_1 = 2.6
m/z = 607.03
pop2 = 0.06
Dabs_2 = 6.8
m/z = 608.40
m/z = 607.11
Env res: 1.01
data 0.8s, rep 4
pop1 = 0.78
Dabs_1 = 2.1
m/z = 606.87
pop2 = 0.22
Dabs_2 = 4.5
m/z = 607.61
m/z = 607.04
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 1.04
data 4.0s, rep 1
pop1 = 0.76
Dabs_1 = 3.8
m/z = 607.40
pop2 = 0.24
Dabs_2 = 6.6
m/z = 608.32
m/z = 607.61
Env res: 1.01
data 4.0s, rep 2
pop1 = 0.49
Dabs_1 = 3.3
m/z = 607.25
pop2 = 0.51
Dabs_2 = 5.4
m/z = 607.92
m/z = 607.58
Env res: 1.03
data 4.0s, rep 3
pop1 = 0.30
Dabs_1 = 1.9
m/z = 606.80
pop2 = 0.70
Dabs_2 = 5.3
m/z = 607.90
m/z = 607.56
data 4.0s
rep 1
rep 2
rep 3
Env res: 0.97
data 60.0s, rep 1
pop1 = 0.94
Dabs_1 = 5.8
m/z = 606.47
pop2 = 0.06
Dabs_2 = 6.3
m/z = 608.06
m/z = 607.98
Env res: 0.98
data 60.0s, rep 2
pop1 = 0.05
Dabs_1 = 0.9
m/z = 606.52
pop2 = 0.95
Dabs_2 = 6.0
m/z = 608.10
m/z = 608.00
Env res: 0.97
data 60.0s, rep 3
pop1 = 0.05
Dabs_1 = 0.9
m/z = 606.51
pop2 = 0.95
Dabs_2 = 5.8
m/z = 608.04
m/z = 607.97
Env res: 0.96
data 60.0s, rep 4
pop1 = 0.04
Dabs_1 = 1.1
m/z = 606.54
pop2 = 0.96
Dabs_2 = 5.7
m/z = 608.02
m/z = 607.95
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 0.86
data 1800.0s, rep 1
pop1 = 0.41
Dabs_1 = 6.2
m/z = 608.22
pop2 = 0.59
Dabs_2 = 6.2
m/z = 608.18
m/z = 608.16
Env res: 0.86
data 1800.0s, rep 2
pop1 = 0.27
Dabs_1 = 5.4
m/z = 607.90
pop2 = 0.73
Dabs_2 = 6.6
m/z = 608.28
m/z = 608.15
Env res: 0.84
data 1800.0s, rep 3
pop1 = 0.33
Dabs_1 = 5.8
m/z = 608.05
pop2 = 0.67
Dabs_2 = 6.2
m/z = 608.17
m/z = 608.11
Env res: 0.84
data 1800.0s, rep 4
pop1 = 0.35
Dabs_1 = 6.0
m/z = 608.17
pop2 = 0.65
Dabs_2 = 6.2
m/z = 608.16
m/z = 608.16
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 0.84
data 72000.0s, rep 1
pop1 = 0.19
Dabs_1 = 5.8
m/z = 608.05
pop2 = 0.81
Dabs_2 = 6.3
m/z = 608.22
m/z = 608.16
Env res: 0.84
data 72000.0s, rep 3
pop1 = 0.24
Dabs_1 = 3.3
m/z = 607.49
pop2 = 0.76
Dabs_2 = 6.7
m/z = 608.34
m/z = 608.19
Env res: 0.84
data 72000.0s, rep 4
pop1 = 0.46
Dabs_1 = 5.6
m/z = 607.97
pop2 = 0.54
Dabs_2 = 6.8
m/z = 608.38
m/z = 608.19
data 72000.0s
rep 1
rep 3
rep 4
Env res: 0.87
data FullDeut, rep 1
pop1 = 0.78
Dabs_1 = 5.5
m/z = 608.05
pop2 = 0.22
Dabs_2 = 7.5
m/z = 608.79
m/z = 608.09
Env res: 0.87
data FullDeut, rep 2
pop1 = 0.69
Dabs_1 = 5.8
m/z = 608.04
pop2 = 0.31
Dabs_2 = 6.1
m/z = 608.24
m/z = 608.10
data FullDeut
rep 1
rep 2
Intensity
m/z

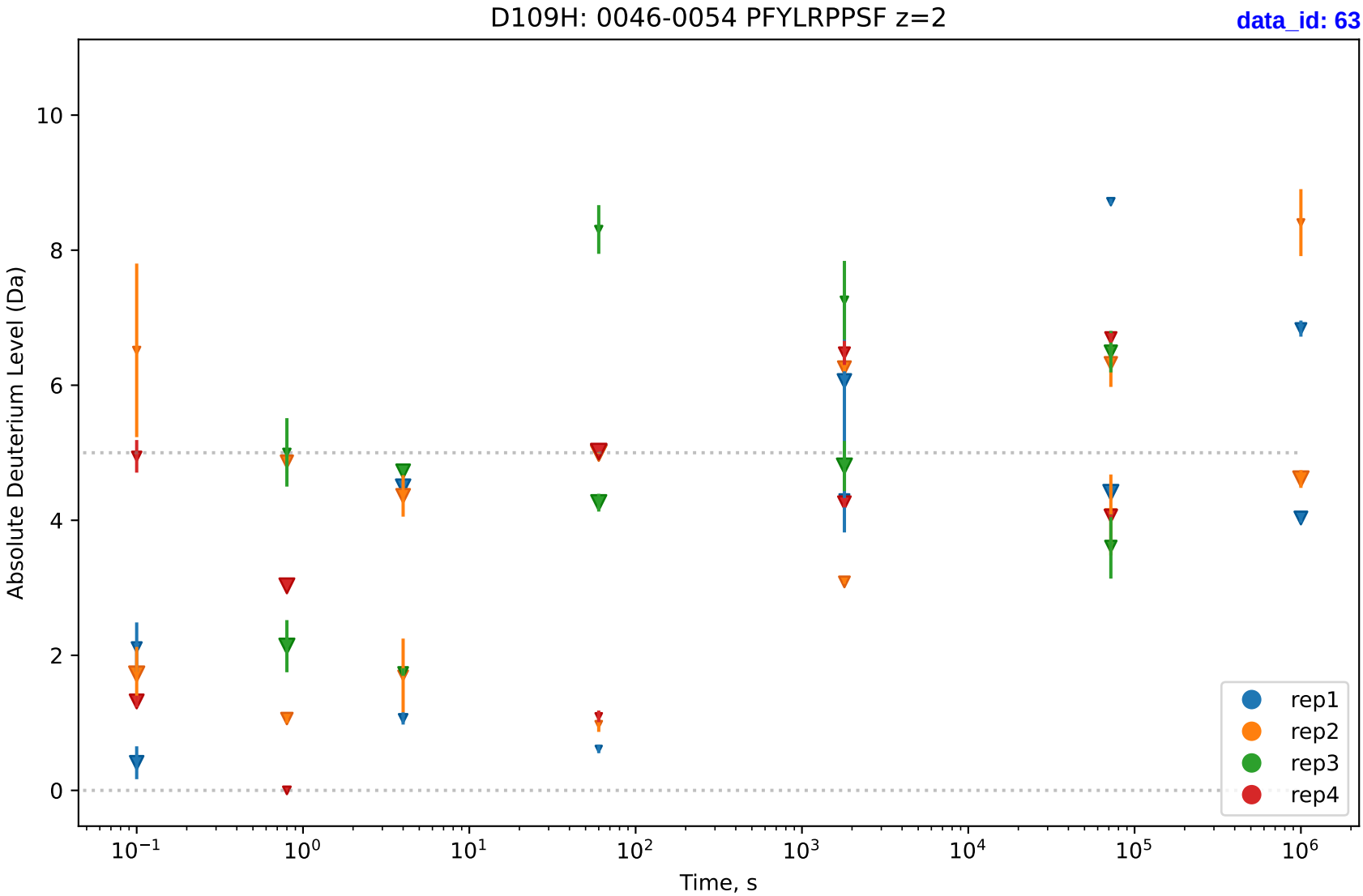

data_id: 60
D109H: 0045-0054 SPFYLRPPSF z=2
Replicates Overlay
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
UnDeut
0.1s, rep1
0.1s, rep2
0.1s, rep3
0.1s, rep4
0.1s
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
0.8s
4.0s, rep1
4.0s, rep2
4.0s, rep3
4.0s
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, rep4
60.0s
1800.0s, rep1
1800.0s, rep2
1800.0s, rep3
1800.0s, rep4
1800.0s
72000.0s, rep1
72000.0s, rep3
72000.0s, rep4
72000.0s
FullDeut, rep1
FullDeut, rep2
FullDeut
pop0
pop1
Centroid
1_pop0
1_pop1
2_pop0
2_pop1
3_pop0
3_pop1
4_pop0
4_pop1
population
Absolute Deuterium Level (Da)

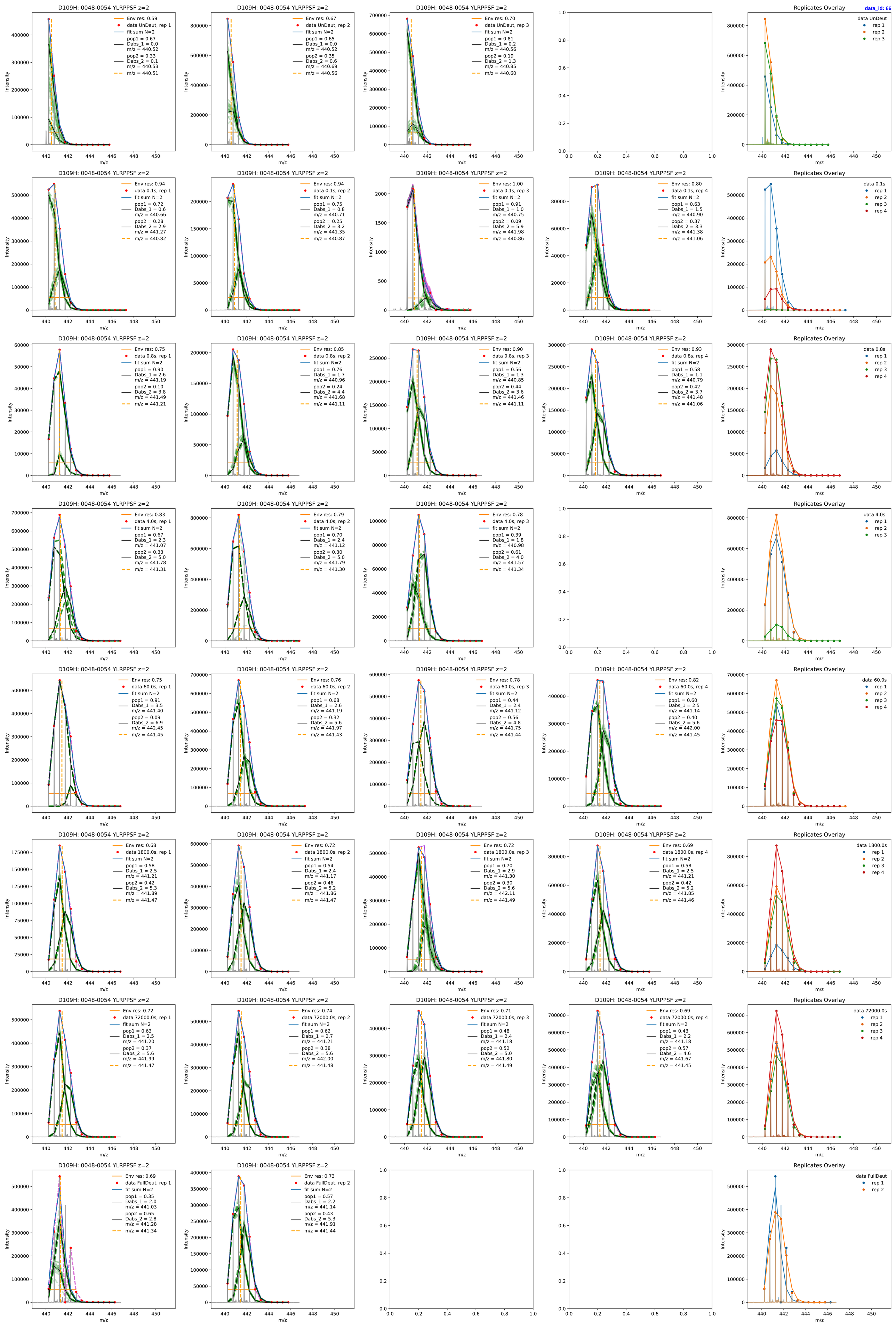

D109H: 0045-0054 SPFYLRPPSF z=2
data_id: 60
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4

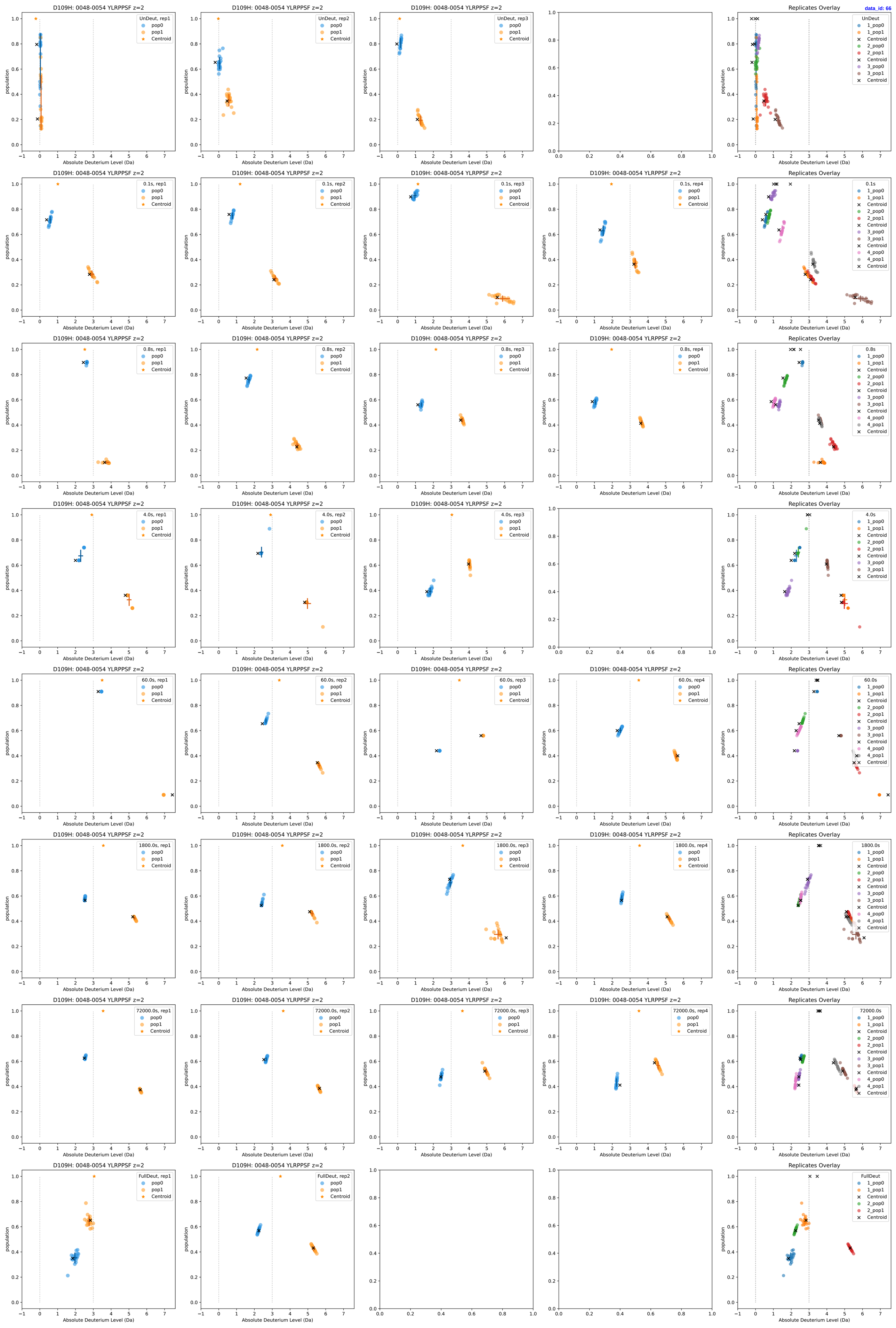
data_id: 63

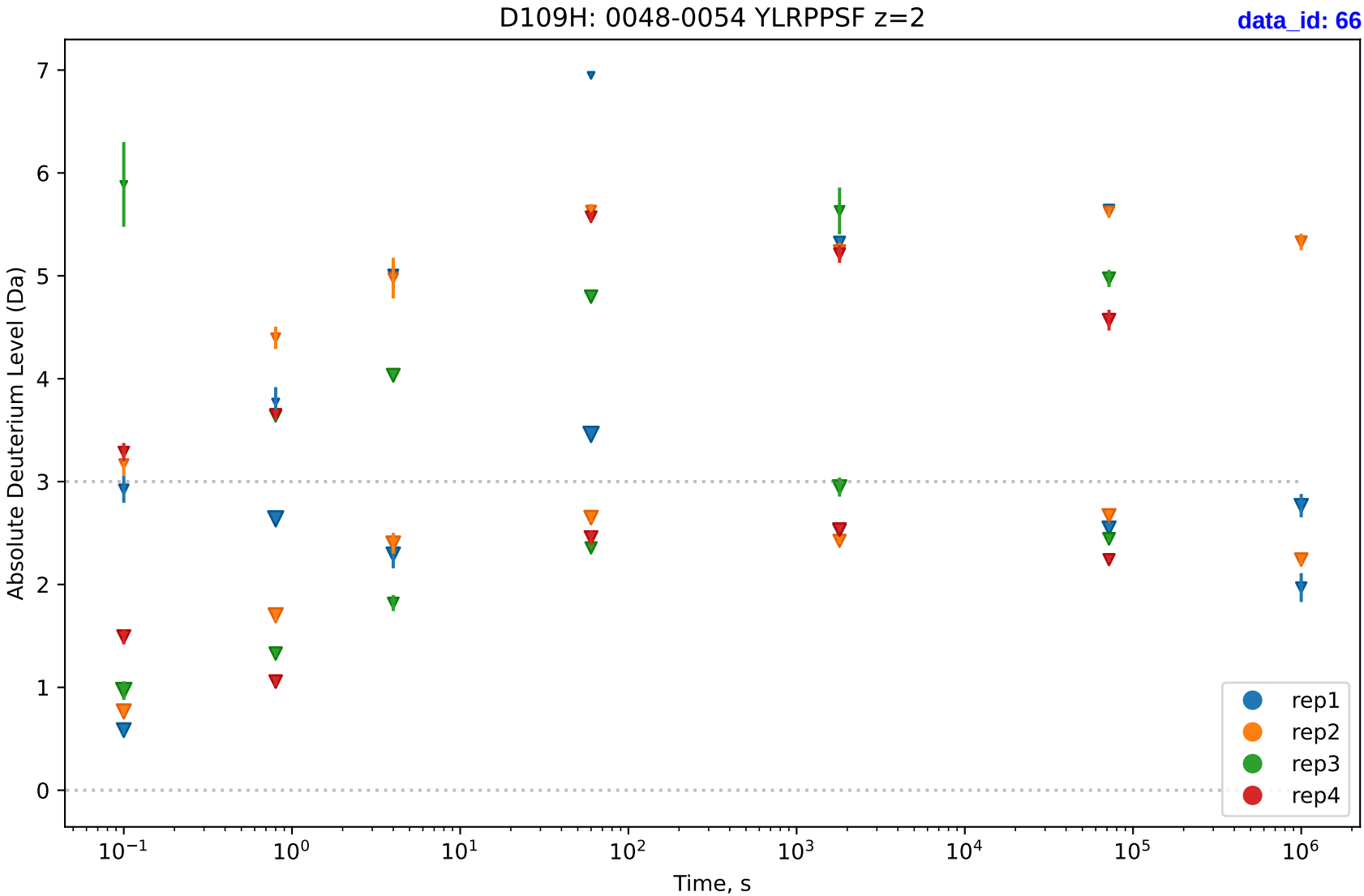

D109H: 0046-0054 PFYLRPPSF z=2
Env res: 0.68
data UnDeut, rep 1
fit sum N=2
pop1 = 1.00
Dabs_1 = 0.0
m/z = 562.66
pop2 = 0.00
Dabs_2 = 8.2
m/z = 565.17
m/z = 562.63
D109H: 0046-0054 PFYLRPPSF z=2
Env res: 0.68
data UnDeut, rep 2
fit sum N=2
pop1 = 1.00
Dabs_1 = 0.0
m/z = 562.66
pop2 = 0.00
Dabs_2 = 6.6
m/z = 564.67
m/z = 562.64
D109H: 0046-0054 PFYLRPPSF z=2
Env res: 0.70
data UnDeut, rep 3
fit sum N=2
pop1 = 1.00
Dabs_1 = 0.0
m/z = 562.66
pop2 = 0.00
Dabs_2 = 7.7
m/z = 565.17
m/z = 562.65
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
D109H: 0046-0054 PFYLRPPSF z=2
Env res: 0.93
data 0.1s, rep 1
fit sum N=2
pop1 = 0.68
Dabs_1 = 0.4
m/z = 562.76
pop2 = 0.32
Dabs_2 = 2.1
m/z = 563.22
m/z = 562.97
D109H: 0046-0054 PFYLRPPSF z=2
Env res: 0.90
data 0.1s, rep 2
fit sum N=2
pop1 = 0.88
Dabs_1 = 1.7
m/z = 563.19
pop2 = 0.12
Dabs_2 = 6.5
m/z = 564.67
m/z = 563.28
D109H: 0046-0054 PFYLRPPSF z=2
Env res: 1.03
data 0.1s, rep 4
fit sum N=2
pop1 = 0.72
Dabs_1 = 1.3
m/z = 563.09
pop2 = 0.28
Dabs_2 = 4.9
m/z = 564.22
m/z = 563.42
Replicates Overlay
data 0.1s
rep 1
rep 2
rep 4
D109H: 0046-0054 PFYLRPPSF z=2
Env res: 1.03
data 0.8s, rep 2
fit sum N=2
pop1 = 0.46
Dabs_1 = 1.1
m/z = 562.97
pop2 = 0.54
Dabs_2 = 4.9
m/z = 564.05
m/z = 563.59
D109H: 0046-0054 PFYLRPPSF z=2
Env res: 0.98
data 0.8s, rep 3
fit sum N=2
pop1 = 0.87
Dabs_1 = 2.1
m/z = 563.31
pop2 = 0.13
Dabs_2 = 5.0
m/z = 564.17
m/z = 563.43
D109H: 0046-0054 PFYLRPPSF z=2
Env res: 1.01
data 0.8s, rep 4
fit sum N=2
pop1 = 0.15
Dabs_1 = 0.0
m/z = 562.66
pop2 = 0.85
Dabs_2 = 3.0
m/z = 563.53
m/z = 563.46
Replicates Overlay
data 0.8s
rep 2
rep 3
rep 4
D109H: 0046-0054 PFYLRPPSF z=2
Env res: 1.02
data 4.0s, rep 1
fit sum N=2
pop1 = 0.21
Dabs_1 = 1.1
m/z = 562.99
pop2 = 0.79
Dabs_2 = 4.5
m/z = 563.95
m/z = 563.77
D109H: 0046-0054 PFYLRPPSF z=2
Env res: 0.97
data 4.0s, rep 2
fit sum N=2
pop1 = 0.30
Dabs_1 = 1.7
m/z = 563.18
pop2 = 0.70
Dabs_2 = 4.4
m/z = 563.92
m/z = 563.73
D109H: 0046-0054 PFYLRPPSF z=2
Env res: 1.05
data 4.0s, rep 3
fit sum N=2
pop1 = 0.30
Dabs_1 = 1.8
m/z = 563.16
pop2 = 0.70
Dabs_2 = 4.7
m/z = 564.02
m/z = 563.76
Replicates Overlay
data 4.0s
rep 1
rep 2
rep 3
D109H: 0046-0054 PFYLRPPSF z=2
Env res: 1.00
data 60.0s, rep 1
fit sum N=2
pop1 = 0.07
Dabs_1 = 0.6
m/z = 562.85
pop2 = 0.93
Dabs_2 = 5.0
m/z = 564.10
m/z = 564.06
D109H: 0046-0054 PFYLRPPSF z=2
Env res: 0.96
data 60.0s, rep 2
fit sum N=2
pop1 = 0.08
Dabs_1 = 1.0
m/z = 562.97
pop2 = 0.92
Dabs_2 = 5.0
m/z = 564.10
m/z = 564.03
D109H: 0046-0054 PFYLRPPSF z=2
Env res: 0.91
data 60.0s, rep 3
fit sum N=2
pop1 = 0.88
Dabs_1 = 4.3
m/z = 563.84
pop2 = 0.12
Dabs_2 = 8.3
m/z = 564.89
m/z = 564.01
D109H: 0046-0054 PFYLRPPSF z=2
Env res: 0.96
data 60.0s, rep 4
fit sum N=2
pop1 = 0.08
Dabs_1 = 1.1
m/z = 563.00
pop2 = 0.92
Dabs_2 = 5.0
m/z = 564.10
m/z = 564.03
Replicates Overlay
data 60.0s
rep 1
rep 2
rep 3
rep 4
D109H: 0046-0054 PFYLRPPSF z=2
Env res: 0.89
data 1800.0s, rep 1
fit sum N=2
pop1 = 0.33
Dabs_1 = 4.3
m/z = 564.02
pop2 = 0.67
Dabs_2 = 6.1
m/z = 564.17
m/z = 564.17
D109H: 0046-0054 PFYLRPPSF z=2
Env res: 1.00
data 1800.0s, rep 2
fit sum N=2
pop1 = 0.39
Dabs_1 = 3.1
m/z = 563.55
pop2 = 0.61
Dabs_2 = 6.3
m/z = 564.46
m/z = 564.12
D109H: 0046-0054 PFYLRPPSF z=2
Env res: 0.92
data 1800.0s, rep 3
fit sum N=2
pop1 = 0.86
Dabs_1 = 4.8
m/z = 564.08
pop2 = 0.14
Dabs_2 = 7.3
m/z = 564.84
m/z = 564.15
D109H: 0046-0054 PFYLRPPSF z=2
Env res: 0.95
data 1800.0s, rep 4
fit sum N=2
pop1 = 0.59
Dabs_1 = 4.3
m/z = 563.89
pop2 = 0.41
Dabs_2 = 6.5
m/z = 564.52
m/z = 564.16
Replicates Overlay
data 1800.0s
rep 1
rep 2
rep 3
rep 4
D109H: 0046-0054 PFYLRPPSF z=2
Env res: 0.91
data 72000.0s, rep 1
fit sum N=2
pop1 = 0.87
Dabs_1 = 4.4
m/z = 563.93
pop2 = 0.13
Dabs_2 = 8.7
m/z = 565.19
m/z = 564.13
D109H: 0046-0054 PFYLRPPSF z=2
Env res: 0.93
data 72000.0s, rep 2
fit sum N=2
pop1 = 0.45
Dabs_1 = 4.1
m/z = 563.87
pop2 = 0.55
Dabs_2 = 6.3
m/z = 564.46
m/z = 564.19
D109H: 0046-0054 PFYLRPPSF z=2
Env res: 0.93
data 72000.0s, rep 3
fit sum N=2
pop1 = 0.45
Dabs_1 = 3.6
m/z = 563.72
pop2 = 0.55
Dabs_2 = 6.5
m/z = 564.61
m/z = 564.22
D109H: 0046-0054 PFYLRPPSF z=2
Env res: 0.95
data 72000.0s, rep 4
fit sum N=2
pop1 = 0.56
Dabs_1 = 4.1
m/z = 564.13
pop2 = 0.44
Dabs_2 = 6.7
m/z = 565.17
m/z = 564.20
Replicates Overlay
data 72000.0s
rep 1
rep 2
rep 3
rep 4
D109H: 0046-0054 PFYLRPPSF z=2
Env res: 0.98
data FullDeut, rep 1
fit sum N=2
pop1 = 0.60
Dabs_1 = 4.0
m/z = 563.80
pop2 = 0.40
Dabs_2 = 6.8
m/z = 564.60
m/z = 564.18
D109H: 0046-0054 PFYLRPPSF z=2
Env res: 0.91
data FullDeut, rep 2
fit sum N=2
pop1 = 0.90
Dabs_1 = 4.6
m/z = 563.93
pop2 = 0.10
Dabs_2 = 8.4
m/z = 564.86
m/z = 564.10
Replicates Overlay
data FullDeut
rep 1
rep 2
Intensity
m/z

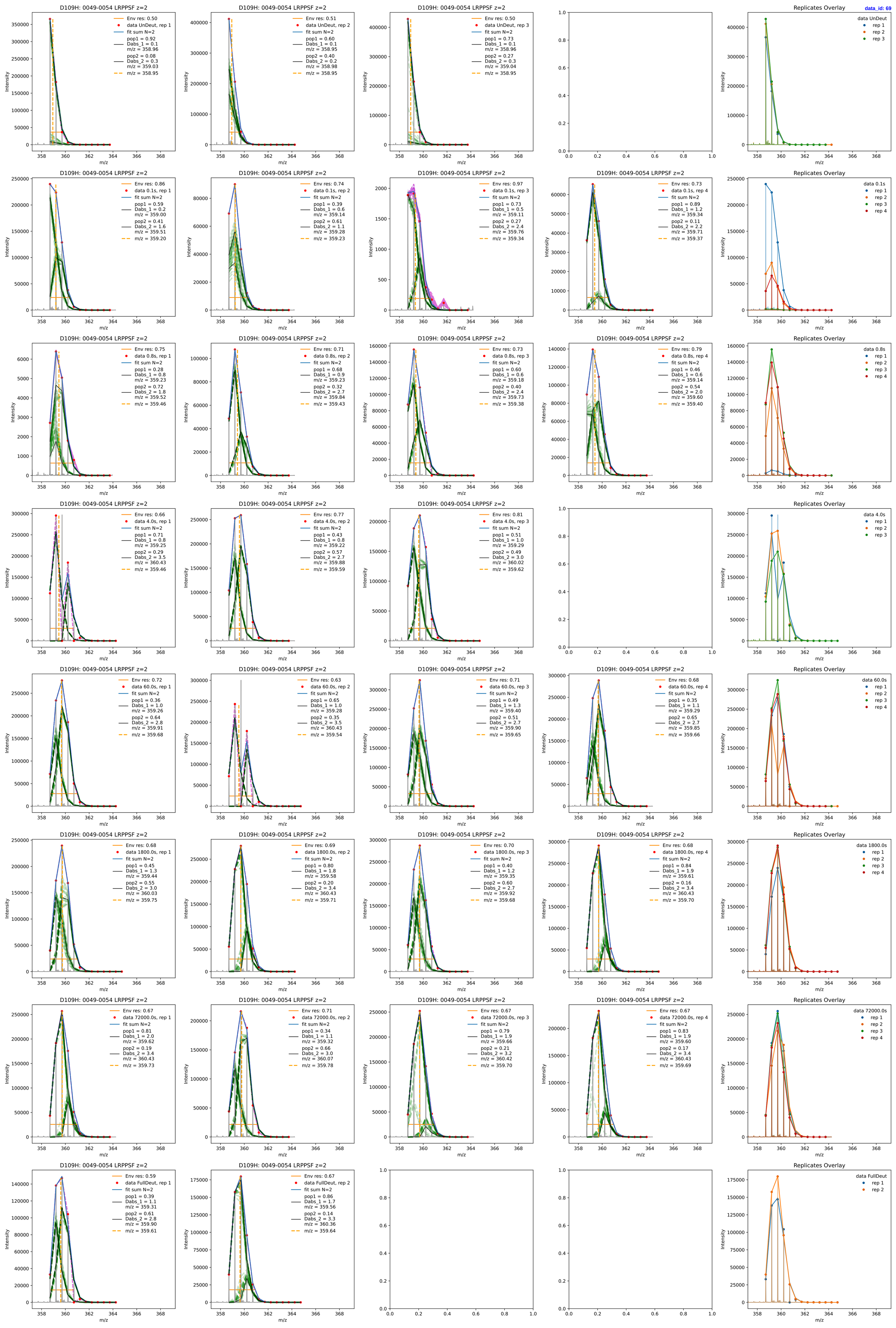

data_id: 63
D109H: 0046-0054 PFYLRPPSF z=2
Replicates Overlay
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
UnDeut
0.1s, rep1
0.1s, rep2
0.1s, rep4
0.1s
0.8s, rep2
0.8s, rep3
0.8s, rep4
0.8s
4.0s, rep1
4.0s, rep2
4.0s, rep3
4.0s
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, rep4
60.0s
1800.0s, rep1
1800.0s, rep2
1800.0s, rep3
1800.0s, rep4
1800.0s
72000.0s, rep1
72000.0s, rep2
72000.0s, rep3
72000.0s, rep4
72000.0s
FullDeut, rep1
FullDeut, rep2
FullDeut
pop0
pop1
Centroid
1_pop0
1_pop1
2_pop0
2_pop1
3_pop0
3_pop1
4_pop0
4_pop1
population
Absolute Deuterium Level (Da)

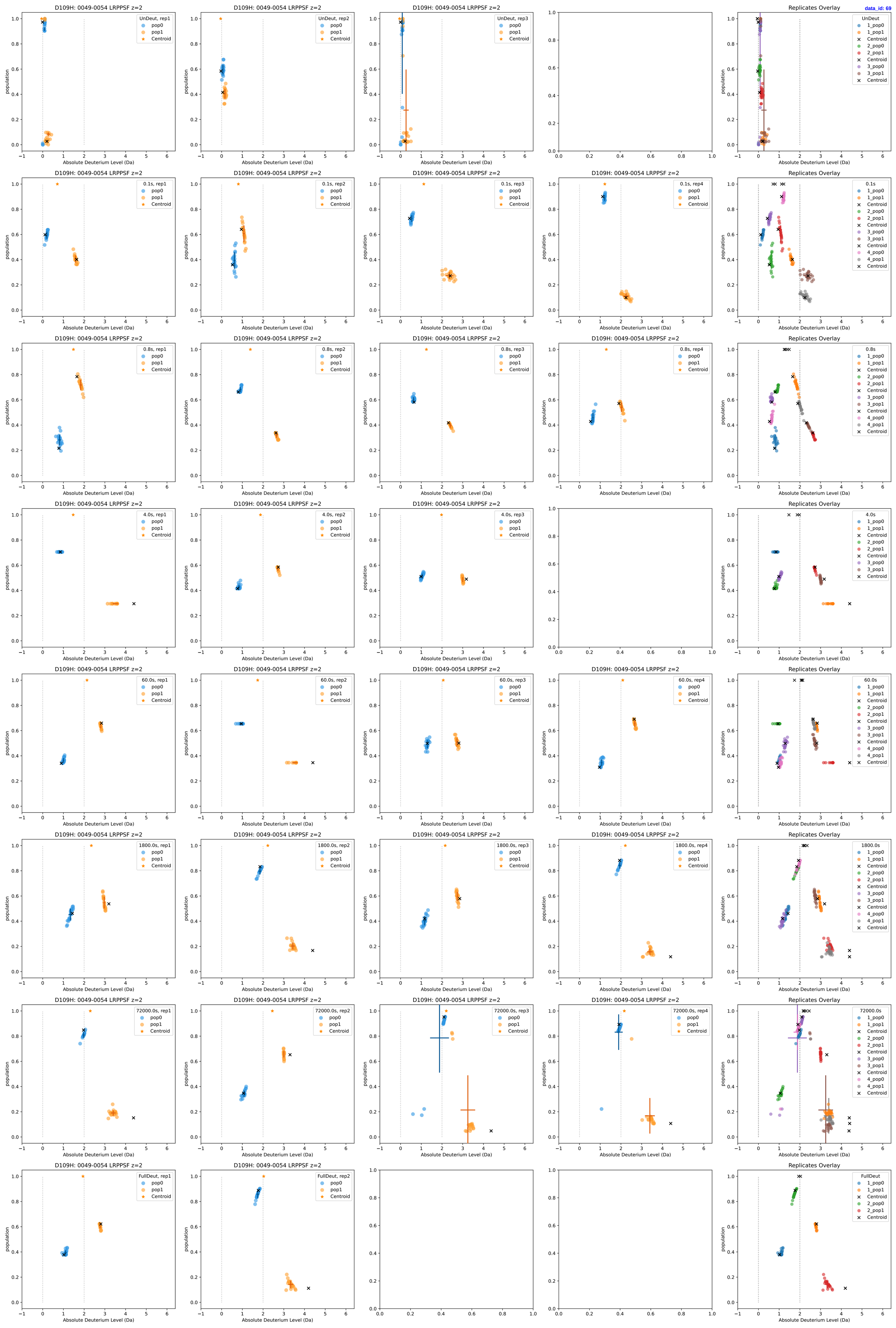

D109H: 0046-0054 PFYLRPPSF z=2
data_id: 63
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4

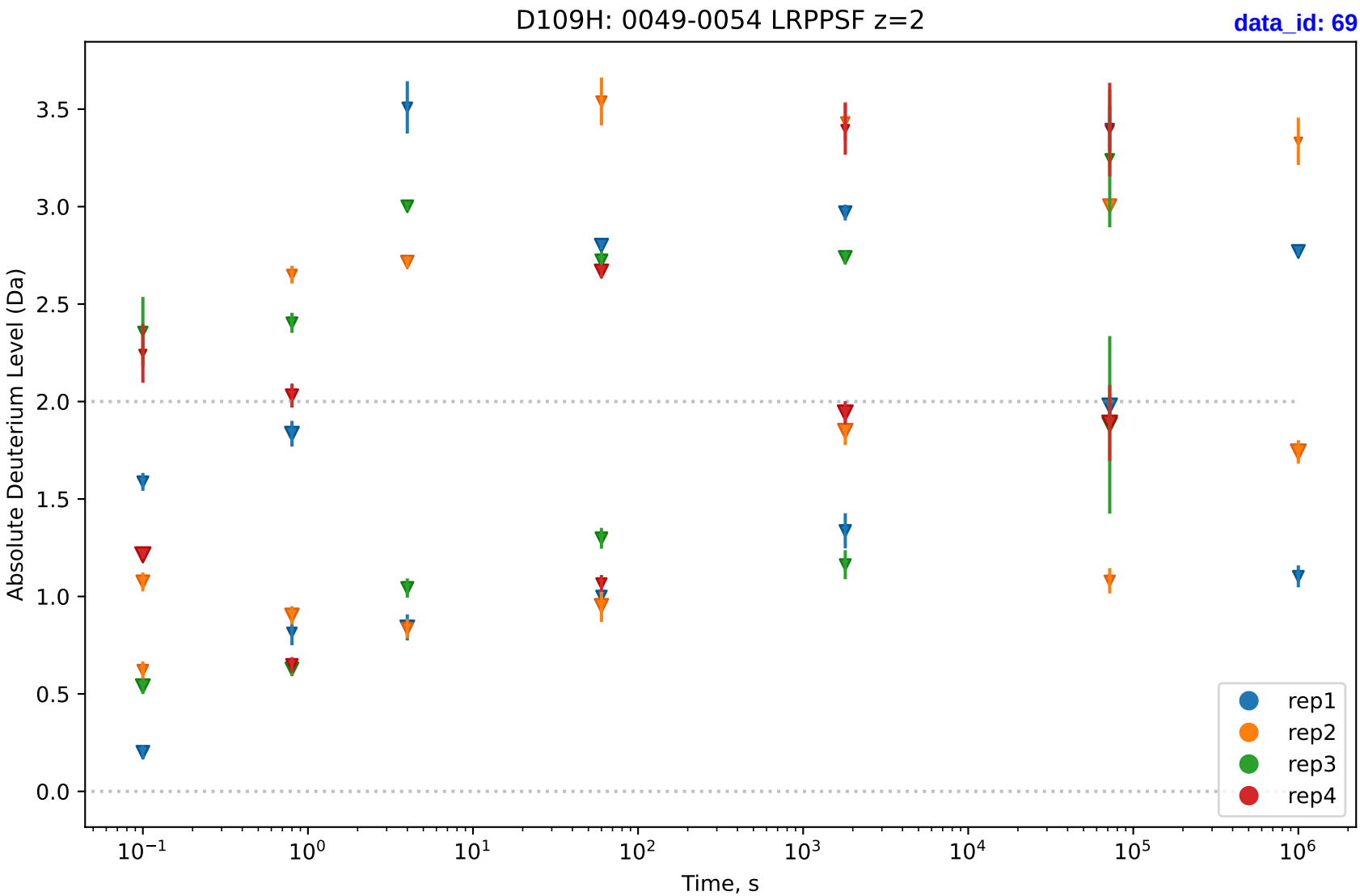

data_id: 66
D109H: 0048-0054 YLRPPSF z=2
Env res: 0.59
data UnDeut, rep 1
fit sum N=2
pop1 = 0.67
Dabs_1 = 0.0
m/z = 440.52
pop2 = 0.33
Dabs_2 = 0.1
m/z = 440.53
m/z = 440.51
Env res: 0.67
data UnDeut, rep 2
pop1 = 0.65
Dabs_1 = 0.0
m/z = 440.52
pop2 = 0.35
Dabs_2 = 0.6
m/z = 440.69
m/z = 440.56
Env res: 0.70
data UnDeut, rep 3
pop1 = 0.81
Dabs_1 = 0.2
m/z = 440.56
pop2 = 0.19
Dabs_2 = 1.3
m/z = 440.85
m/z = 440.60
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 0.94
data 0.1s, rep 1
pop1 = 0.72
Dabs_1 = 0.6
m/z = 440.66
pop2 = 0.28
Dabs_2 = 2.9
m/z = 441.27
m/z = 440.82
data 0.1s, rep 2
pop1 = 0.75
Dabs_1 = 0.8
m/z = 440.71
pop2 = 0.25
Dabs_2 = 3.2
m/z = 441.35
m/z = 440.87
Env res: 1.00
data 0.1s, rep 3
pop1 = 0.91
Dabs_1 = 1.0
m/z = 440.75
pop2 = 0.09
Dabs_2 = 5.9
m/z = 441.98
m/z = 440.86
Env res: 0.80
data 0.1s, rep 4
pop1 = 0.63
Dabs_1 = 1.5
m/z = 440.90
pop2 = 0.37
Dabs_2 = 3.3
m/z = 441.38
m/z = 441.06
data 0.1s
rep 1
rep 2
rep 3
rep 4
Env res: 0.75
data 0.8s, rep 1
pop1 = 0.90
Dabs_1 = 2.6
m/z = 441.19
pop2 = 0.10
Dabs_2 = 3.8
m/z = 441.49
m/z = 441.21
Env res: 0.85
data 0.8s, rep 2
pop1 = 0.76
Dabs_1 = 1.7
m/z = 440.96
pop2 = 0.24
Dabs_2 = 4.4
m/z = 441.68
m/z = 441.11
Env res: 0.90
data 0.8s, rep 3
pop1 = 0.56
Dabs_1 = 1.3
m/z = 440.85
pop2 = 0.44
Dabs_2 = 3.6
m/z = 441.46
m/z = 441.11
Env res: 0.93
data 0.8s, rep 4
pop1 = 0.58
Dabs_1 = 1.1
m/z = 440.79
pop2 = 0.42
Dabs_2 = 3.7
m/z = 441.48
m/z = 441.06
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 0.83
data 4.0s, rep 1
pop1 = 0.67
Dabs_1 = 2.3
m/z = 441.07
pop2 = 0.33
Dabs_2 = 5.0
m/z = 441.78
m/z = 441.31
Env res: 0.79
data 4.0s, rep 2
pop1 = 0.70
Dabs_1 = 2.4
m/z = 441.12
pop2 = 0.30
Dabs_2 = 5.0
m/z = 441.79
m/z = 441.30
Env res: 0.78
data 4.0s, rep 3
pop1 = 0.39
Dabs_1 = 1.8
m/z = 440.98
pop2 = 0.61
Dabs_2 = 4.0
m/z = 441.57
m/z = 441.34
data 4.0s
rep 1
rep 2
rep 3
Env res: 0.75
data 60.0s, rep 1
pop1 = 0.91
Dabs_1 = 3.5
m/z = 441.40
pop2 = 0.09
Dabs_2 = 6.9
m/z = 442.45
m/z = 441.45
Env res: 0.76
data 60.0s, rep 2
pop1 = 0.68
Dabs_1 = 2.6
m/z = 441.19
pop2 = 0.32
Dabs_2 = 5.6
m/z = 441.97
m/z = 441.43
Env res: 0.78
data 60.0s, rep 3
pop1 = 0.44
Dabs_1 = 2.4
m/z = 441.12
pop2 = 0.56
Dabs_2 = 4.8
m/z = 441.75
m/z = 441.44
Env res: 0.82
data 60.0s, rep 4
pop1 = 0.60
Dabs_1 = 2.5
m/z = 441.14
pop2 = 0.40
Dabs_2 = 5.6
m/z = 442.00
m/z = 441.45
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 0.68
data 1800.0s, rep 1
pop1 = 0.58
Dabs_1 = 2.5
m/z = 441.21
pop2 = 0.42
Dabs_2 = 5.3
m/z = 441.89
m/z = 441.47
Env res: 0.72
data 1800.0s, rep 2
pop1 = 0.54
Dabs_1 = 2.4
m/z = 441.17
pop2 = 0.46
Dabs_2 = 5.2
m/z = 441.86
m/z = 441.47
Env res: 0.72
data 1800.0s, rep 3
pop1 = 0.70
Dabs_1 = 2.9
m/z = 441.30
pop2 = 0.30
Dabs_2 = 5.6
m/z = 442.11
m/z = 441.49
Env res: 0.69
data 1800.0s, rep 4
pop1 = 0.58
Dabs_1 = 2.5
m/z = 441.21
pop2 = 0.42
Dabs_2 = 5.2
m/z = 441.85
m/z = 441.46
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 0.72
data 72000.0s, rep 1
pop1 = 0.63
Dabs_1 = 2.5
m/z = 441.20
pop2 = 0.37
Dabs_2 = 5.6
m/z = 441.99
m/z = 441.47
Env res: 0.74
data 72000.0s, rep 2
pop1 = 0.62
Dabs_1 = 2.7
m/z = 441.21
pop2 = 0.38
Dabs_2 = 5.6
m/z = 442.00
m/z = 441.48
Env res: 0.71
data 72000.0s, rep 3
pop1 = 0.48
Dabs_1 = 2.4
m/z = 441.18
pop2 = 0.52
Dabs_2 = 5.0
m/z = 441.80
m/z = 441.49
Env res: 0.69
data 72000.0s, rep 4
pop1 = 0.43
Dabs_1 = 2.2
m/z = 441.18
pop2 = 0.57
Dabs_2 = 4.6
m/z = 441.67
m/z = 441.45
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 0.69
data FullDeut, rep 1
pop1 = 0.35
Dabs_1 = 2.0
m/z = 441.03
pop2 = 0.65
Dabs_2 = 2.8
m/z = 441.28
m/z = 441.34
Env res: 0.73
data FullDeut, rep 2
pop1 = 0.57
Dabs_1 = 2.2
m/z = 441.14
pop2 = 0.43
Dabs_2 = 5.3
m/z = 441.91
m/z = 441.44
data FullDeut
rep 1
rep 2
Intensity
m/z

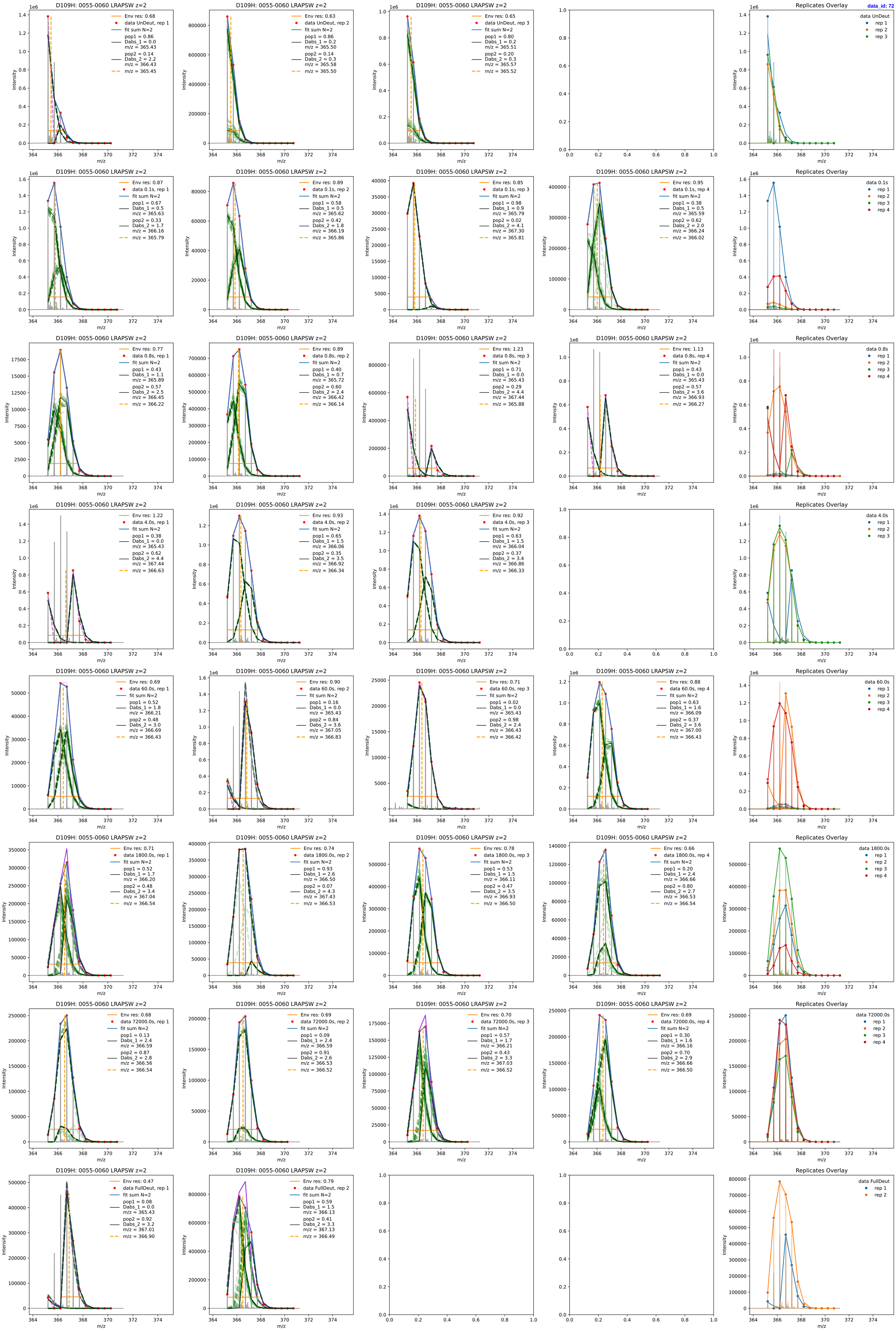

data_id: 66
D109H: 0048-0054 YLRPPSF z=2
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
0.1s, rep1
0.1s, rep2
0.1s, rep3
0.1s, rep4
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
4.0s, rep1
4.0s, rep2
4.0s, rep3
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, rep4
1800.0s, rep1
1800.0s, rep2
1800.0s, rep3
1800.0s, rep4
72000.0s, rep1
72000.0s, rep2
72000.0s, rep3
72000.0s, rep4
FullDeut, rep1
FullDeut, rep2
pop0
pop1
Centroid
Replicates Overlay
UnDeut
0.1s
0.8s
4.0s
60.0s
1800.0s
72000.0s
FullDeut
1_pop0
1_pop1
2_pop0
2_pop1
3_pop0
3_pop1
4_pop0
4_pop1
population
Absolute Deuterium Level (Da)

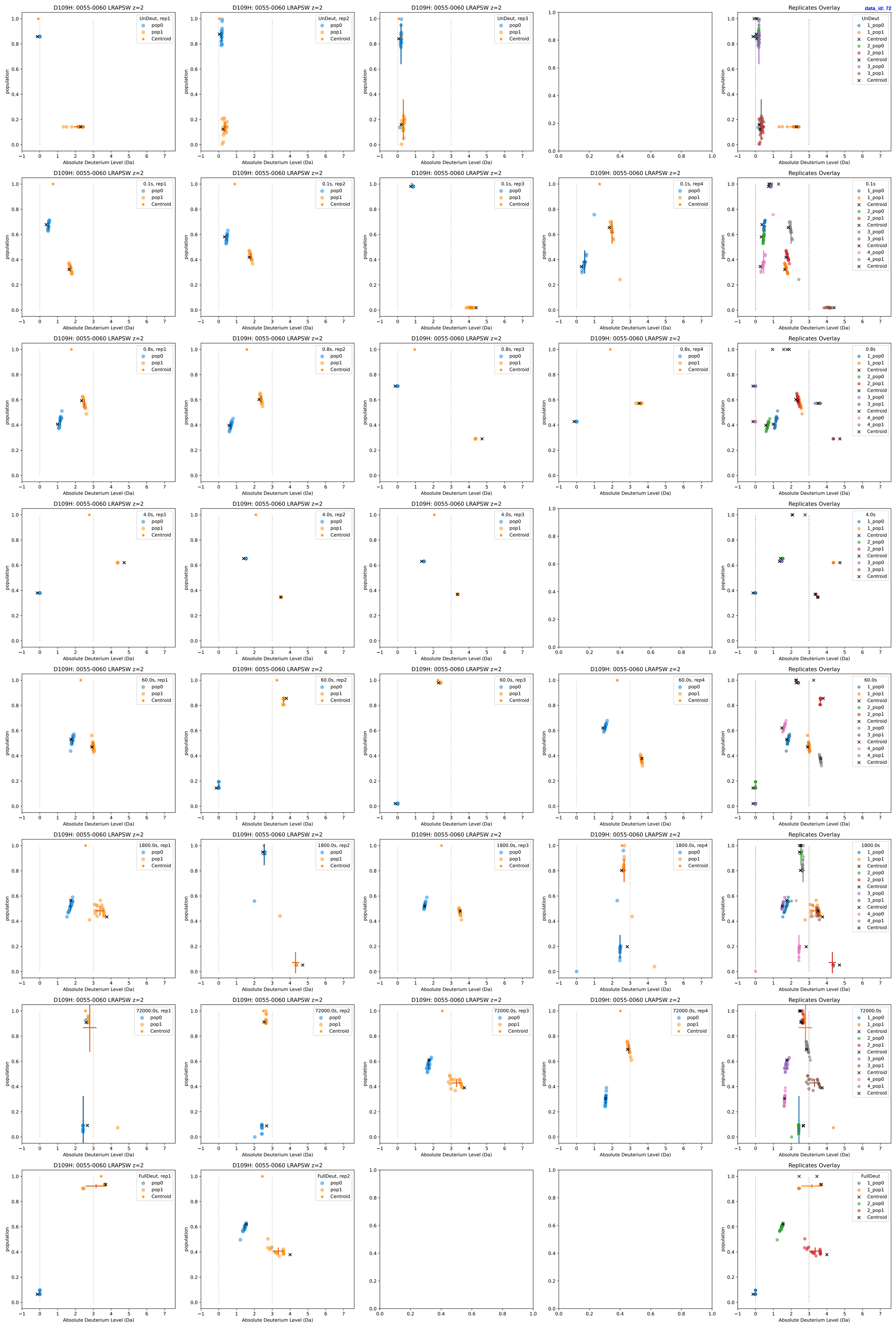

D109H: 0048-0054 YLRPPSF z=2
data_id: 66
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4

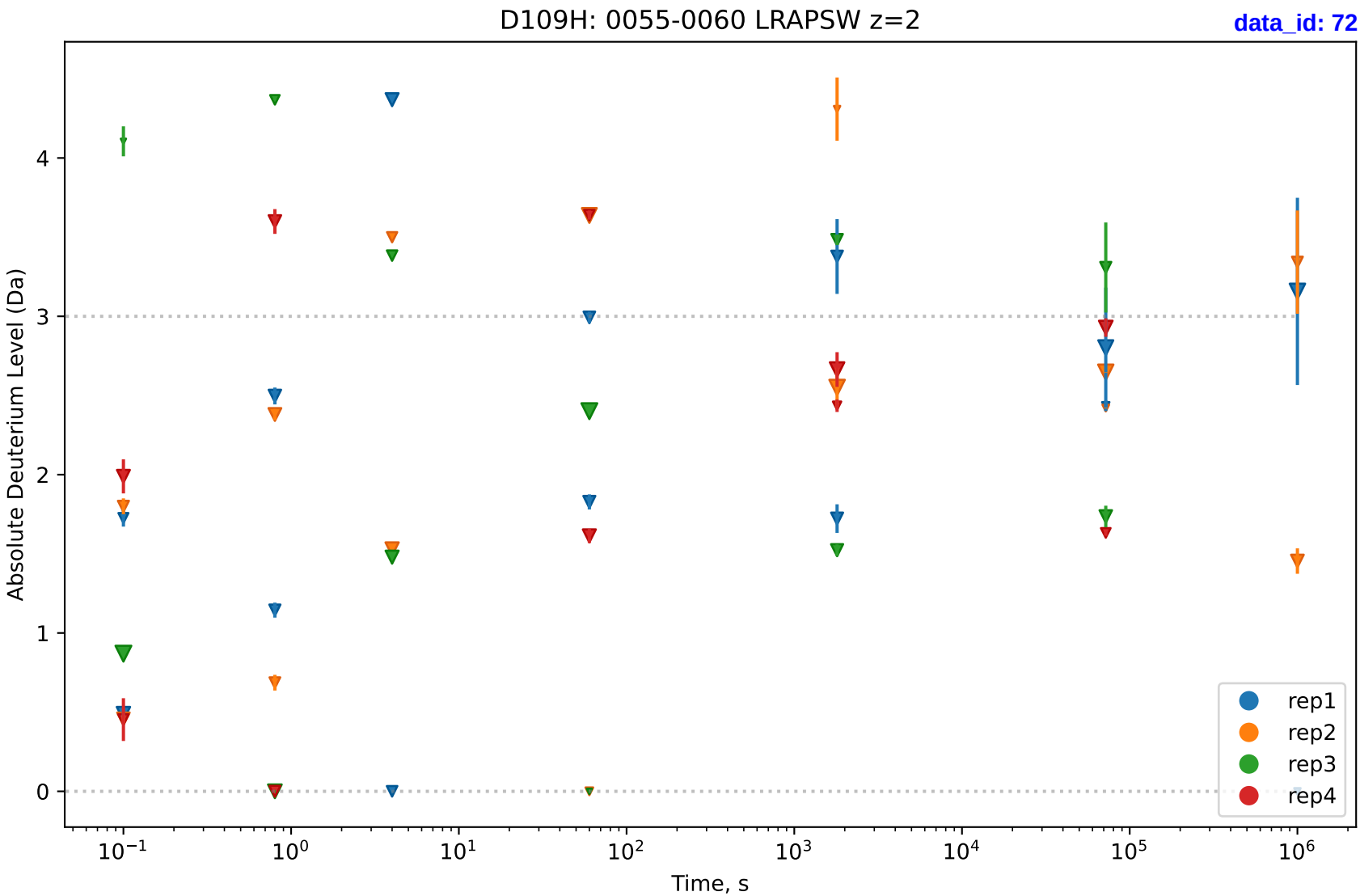

data_id: 69
D109H: 0049-0054 LRPPSF z=2
Env res: 0.50
data UnDeut, rep 1
fit sum N=2
pop1 = 0.92
Dabs_1 = 0.1
m/z = 358.96
pop2 = 0.08
Dabs_2 = 0.3
m/z = 359.03
m/z = 358.95
Env res: 0.51
data UnDeut, rep 2
pop1 = 0.60
Dabs_1 = 0.1
m/z = 358.95
pop2 = 0.40
Dabs_2 = 0.2
m/z = 358.98
Env res: 0.50
data UnDeut, rep 3
pop1 = 0.73
Dabs_1 = 0.1
m/z = 358.96
pop2 = 0.27
Dabs_2 = 0.3
m/z = 359.04
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 0.86
data 0.1s, rep 1
pop1 = 0.59
Dabs_1 = 0.2
m/z = 359.00
pop2 = 0.41
Dabs_2 = 1.6
m/z = 359.51
m/z = 359.20
Env res: 0.74
data 0.1s, rep 2
pop1 = 0.39
Dabs_1 = 0.6
m/z = 359.14
pop2 = 0.61
Dabs_2 = 1.1
m/z = 359.28
m/z = 359.23
Env res: 0.97
data 0.1s, rep 3
pop1 = 0.73
Dabs_1 = 0.5
m/z = 359.11
pop2 = 0.27
Dabs_2 = 2.4
m/z = 359.76
m/z = 359.34
Env res: 0.73
data 0.1s, rep 4
pop1 = 0.89
Dabs_1 = 1.2
m/z = 359.34
pop2 = 0.11
Dabs_2 = 2.2
m/z = 359.71
m/z = 359.37
data 0.1s
rep 1
rep 2
rep 3
rep 4
Env res: 0.75
data 0.8s, rep 1
pop1 = 0.28
Dabs_1 = 0.8
m/z = 359.23
pop2 = 0.72
Dabs_2 = 1.8
m/z = 359.52
m/z = 359.46
Env res: 0.71
data 0.8s, rep 2
pop1 = 0.68
Dabs_1 = 0.9
m/z = 359.23
pop2 = 0.32
Dabs_2 = 2.7
m/z = 359.84
m/z = 359.43
Env res: 0.73
data 0.8s, rep 3
pop1 = 0.60
Dabs_1 = 0.6
m/z = 359.18
pop2 = 0.40
Dabs_2 = 2.4
m/z = 359.73
m/z = 359.38
Env res: 0.79
data 0.8s, rep 4
pop1 = 0.46
Dabs_1 = 0.6
m/z = 359.14
pop2 = 0.54
Dabs_2 = 2.0
m/z = 359.60
m/z = 359.40
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 0.66
data 4.0s, rep 1
pop1 = 0.71
Dabs_1 = 0.8
m/z = 359.25
pop2 = 0.29
Dabs_2 = 3.5
m/z = 360.43
m/z = 359.46
Env res: 0.77
data 4.0s, rep 2
pop1 = 0.43
Dabs_1 = 0.8
m/z = 359.22
pop2 = 0.57
Dabs_2 = 2.7
m/z = 359.88
m/z = 359.59
Env res: 0.81
data 4.0s, rep 3
pop1 = 0.51
Dabs_1 = 1.0
m/z = 359.29
pop2 = 0.49
Dabs_2 = 3.0
m/z = 360.02
m/z = 359.62
data 4.0s
rep 1
rep 2
rep 3
Env res: 0.72
data 60.0s, rep 1
pop1 = 0.36
Dabs_1 = 1.0
m/z = 359.26
pop2 = 0.64
Dabs_2 = 2.8
m/z = 359.91
m/z = 359.68
Env res: 0.63
data 60.0s, rep 2
pop1 = 0.65
Dabs_1 = 1.0
m/z = 359.28
pop2 = 0.35
Dabs_2 = 3.5
m/z = 360.43
m/z = 359.54
Env res: 0.71
data 60.0s, rep 3
pop1 = 0.49
Dabs_1 = 1.3
m/z = 359.40
pop2 = 0.51
Dabs_2 = 2.7
m/z = 359.90
m/z = 359.65
Env res: 0.68
data 60.0s, rep 4
pop1 = 0.35
Dabs_1 = 1.1
m/z = 359.29
pop2 = 0.65
Dabs_2 = 2.7
m/z = 359.85
m/z = 359.66
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 0.68
data 1800.0s, rep 1
pop1 = 0.45
Dabs_1 = 1.3
m/z = 359.44
pop2 = 0.55
Dabs_2 = 3.0
m/z = 360.03
m/z = 359.75
Env res: 0.69
data 1800.0s, rep 2
pop1 = 0.80
Dabs_1 = 1.8
m/z = 359.58
pop2 = 0.20
Dabs_2 = 3.4
m/z = 360.43
m/z = 359.71
Env res: 0.70
data 1800.0s, rep 3
pop1 = 0.40
Dabs_1 = 1.2
m/z = 359.35
pop2 = 0.60
Dabs_2 = 2.7
m/z = 359.92
m/z = 359.68
Env res: 0.68
data 1800.0s, rep 4
pop1 = 0.84
Dabs_1 = 1.9
m/z = 359.61
pop2 = 0.16
Dabs_2 = 3.4
m/z = 360.43
m/z = 359.70
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 0.67
data 72000.0s, rep 1
pop1 = 0.81
Dabs_1 = 2.0
m/z = 359.62
pop2 = 0.19
Dabs_2 = 3.4
m/z = 360.43
m/z = 359.73
Env res: 0.71
data 72000.0s, rep 2
pop1 = 0.34
Dabs_1 = 1.1
m/z = 359.32
pop2 = 0.66
Dabs_2 = 3.0
m/z = 360.07
m/z = 359.78
Env res: 0.67
data 72000.0s, rep 3
pop1 = 0.79
Dabs_1 = 1.9
m/z = 359.66
pop2 = 0.21
Dabs_2 = 3.2
m/z = 360.42
m/z = 359.70
Env res: 0.67
data 72000.0s, rep 4
pop1 = 0.83
Dabs_1 = 1.9
m/z = 359.60
pop2 = 0.17
Dabs_2 = 3.4
m/z = 360.43
m/z = 359.69
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 0.59
data FullDeut, rep 1
pop1 = 0.39
Dabs_1 = 1.1
m/z = 359.31
pop2 = 0.61
Dabs_2 = 2.8
m/z = 359.90
m/z = 359.61
Env res: 0.67
data FullDeut, rep 2
pop1 = 0.86
Dabs_1 = 1.7
m/z = 359.56
pop2 = 0.14
Dabs_2 = 3.3
m/z = 360.36
m/z = 359.64
data FullDeut
rep 1
rep 2
Intensity
m/z


data_id: 69
D109H: 0049-0054 LRPPSF z=2
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
0.1s, rep1
0.1s, rep2
0.1s, rep3
0.1s, rep4
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
4.0s, rep1
4.0s, rep2
4.0s, rep3
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, rep4
1800.0s, rep1
1800.0s, rep2
1800.0s, rep3
1800.0s, rep4
72000.0s, rep1
72000.0s, rep2
72000.0s, rep3
72000.0s, rep4
FullDeut, rep1
FullDeut, rep2
pop0
pop1
Centroid
Replicates Overlay
UnDeut
0.1s
0.8s
4.0s
60.0s
1800.0s
72000.0s
FullDeut
1_pop0
1_pop1
2_pop0
2_pop1
3_pop0
3_pop1
4_pop0
4_pop1
population
Absolute Deuterium Level (Da)

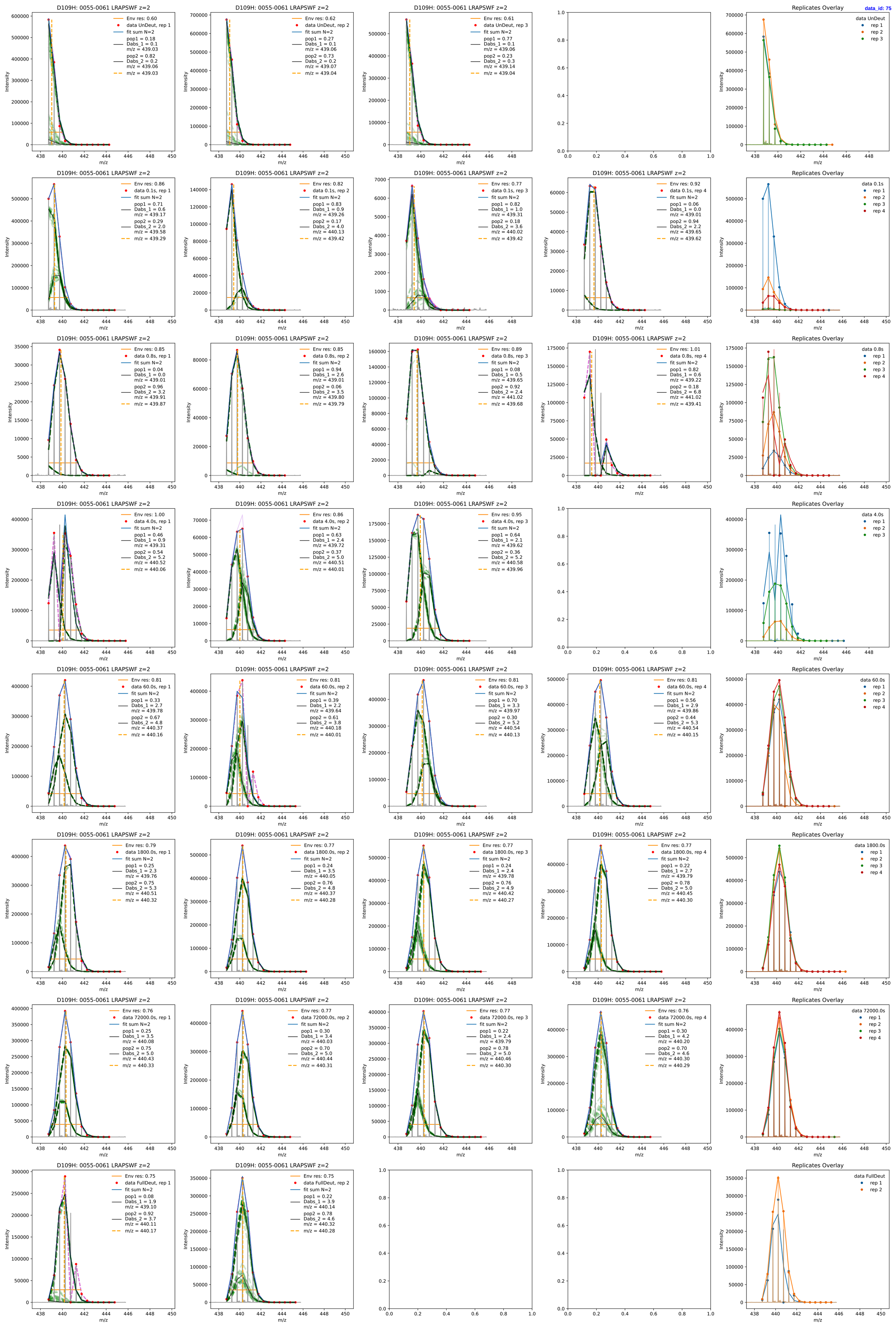

D109H: 0049-0054 LRPPSF z=2
data_id: 69
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4

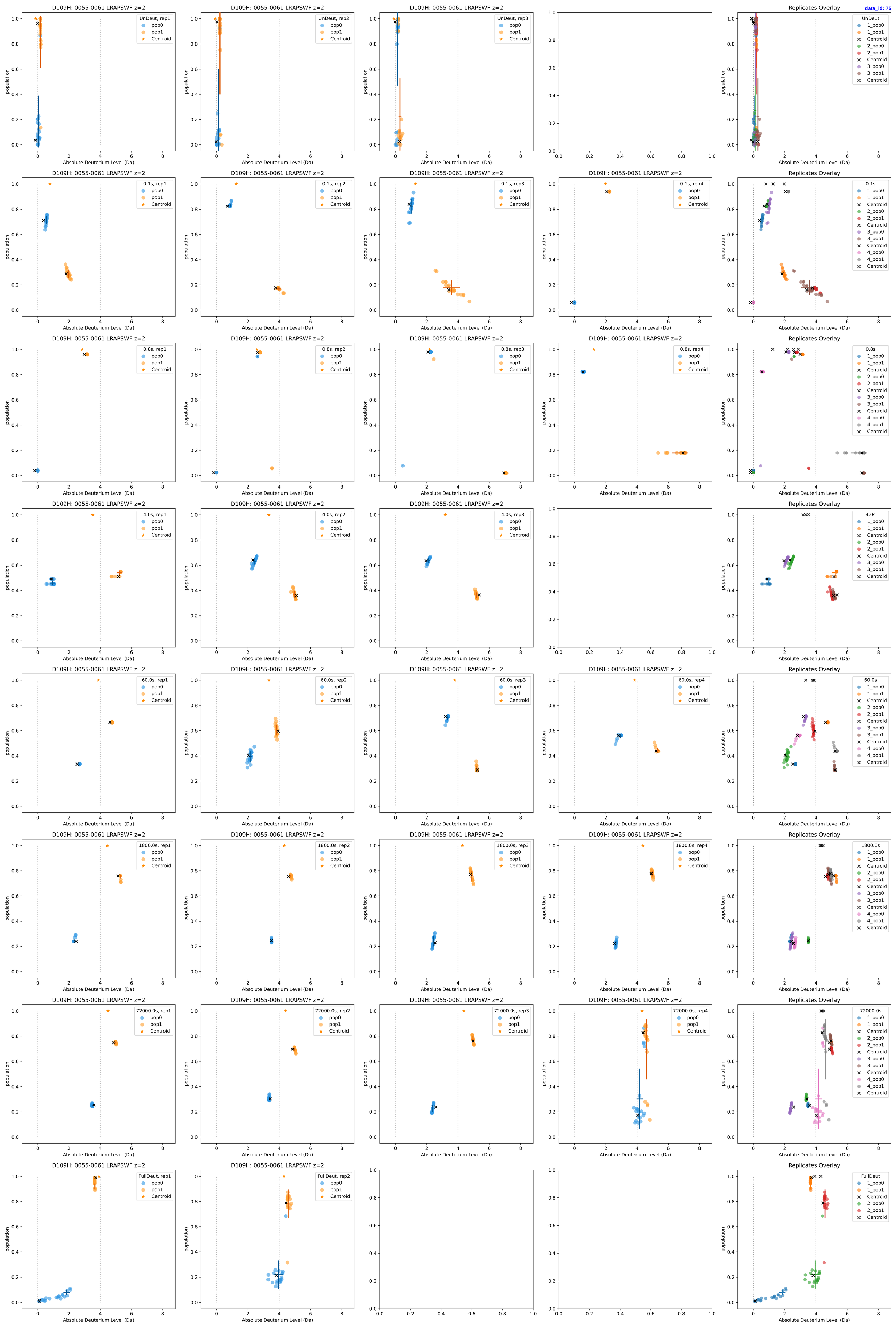

data_id: 72
D109H: 0055-0060 LRAPSW z=2
Env res: 0.68
data UnDeut, rep 1
fit sum N=2
pop1 = 0.86
Dabs_1 = 0.0
m/z = 365.43
pop2 = 0.14
Dabs_2 = 2.2
m/z = 366.43
m/z = 365.45
Env res: 0.63
data UnDeut, rep 2
pop1 = 0.86
Dabs_1 = 0.2
m/z = 365.50
pop2 = 0.14
Dabs_2 = 0.3
m/z = 365.58
m/z = 365.50
Env res: 0.65
data UnDeut, rep 3
pop1 = 0.80
Dabs_1 = 0.2
m/z = 365.51
pop2 = 0.20
Dabs_2 = 0.3
m/z = 365.57
m/z = 365.52
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 0.87
data 0.1s, rep 1
pop1 = 0.67
Dabs_1 = 0.5
m/z = 365.63
pop2 = 0.33
Dabs_2 = 1.7
m/z = 366.16
m/z = 365.79
Env res: 0.89
data 0.1s, rep 2
pop1 = 0.58
Dabs_1 = 0.5
m/z = 365.62
pop2 = 0.42
Dabs_2 = 1.8
m/z = 366.19
m/z = 365.86
Env res: 0.85
data 0.1s, rep 3
pop1 = 0.98
Dabs_1 = 0.9
m/z = 365.79
pop2 = 0.02
Dabs_2 = 4.1
m/z = 367.30
m/z = 365.81
Env res: 0.95
data 0.1s, rep 4
pop1 = 0.38
Dabs_1 = 0.5
m/z = 365.59
pop2 = 0.62
Dabs_2 = 2.0
m/z = 366.24
m/z = 366.02
data 0.1s
rep 1
rep 2
rep 3
rep 4
Env res: 0.77
data 0.8s, rep 1
pop1 = 0.43
Dabs_1 = 1.1
m/z = 365.89
pop2 = 0.57
Dabs_2 = 2.5
m/z = 366.45
m/z = 366.22
Env res: 0.89
data 0.8s, rep 2
pop1 = 0.40
Dabs_1 = 0.7
m/z = 365.72
pop2 = 0.60
Dabs_2 = 2.4
m/z = 366.42
m/z = 366.14
Env res: 1.23
data 0.8s, rep 3
pop1 = 0.71
Dabs_1 = 0.0
m/z = 365.43
pop2 = 0.29
Dabs_2 = 4.4
m/z = 367.44
m/z = 365.88
Env res: 1.13
data 0.8s, rep 4
pop1 = 0.43
Dabs_1 = 0.0
m/z = 365.43
pop2 = 0.57
Dabs_2 = 3.6
m/z = 366.93
m/z = 366.27
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 1.22
data 4.0s, rep 1
pop1 = 0.38
Dabs_1 = 0.0
m/z = 365.43
pop2 = 0.62
Dabs_2 = 4.4
m/z = 367.44
m/z = 366.63
Env res: 0.93
data 4.0s, rep 2
pop1 = 0.65
Dabs_1 = 1.5
m/z = 366.06
pop2 = 0.35
Dabs_2 = 3.5
m/z = 366.92
m/z = 366.34
Env res: 0.92
data 4.0s, rep 3
pop1 = 0.63
Dabs_1 = 1.5
m/z = 366.04
pop2 = 0.37
Dabs_2 = 3.4
m/z = 366.86
m/z = 366.33
data 4.0s
rep 1
rep 2
rep 3
Env res: 0.69
data 60.0s, rep 1
pop1 = 0.52
Dabs_1 = 1.8
m/z = 366.21
pop2 = 0.48
Dabs_2 = 3.0
m/z = 366.69
m/z = 366.43
Env res: 0.90
data 60.0s, rep 2
pop1 = 0.16
Dabs_1 = 0.0
m/z = 365.43
pop2 = 0.84
Dabs_2 = 3.6
m/z = 367.05
m/z = 366.83
Env res: 0.71
data 60.0s, rep 3
pop1 = 0.02
Dabs_1 = 0.0
m/z = 365.43
pop2 = 0.98
Dabs_2 = 2.4
m/z = 366.42
Env res: 0.88
data 60.0s, rep 4
pop1 = 0.63
Dabs_1 = 1.6
m/z = 366.09
pop2 = 0.37
Dabs_2 = 3.6
m/z = 367.00
m/z = 366.43
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 0.71
data 1800.0s, rep 1
pop1 = 0.52
Dabs_1 = 1.7
m/z = 366.20
pop2 = 0.48
Dabs_2 = 3.4
m/z = 367.04
m/z = 366.54
Env res: 0.74
data 1800.0s, rep 2
pop1 = 0.93
Dabs_1 = 2.6
m/z = 366.50
pop2 = 0.07
Dabs_2 = 4.3
m/z = 367.43
m/z = 366.53
Env res: 0.78
data 1800.0s, rep 3
pop1 = 0.53
Dabs_1 = 1.5
m/z = 366.11
pop2 = 0.47
Dabs_2 = 3.5
m/z = 366.93
m/z = 366.50
Env res: 0.66
data 1800.0s, rep 4
pop1 = 0.20
Dabs_1 = 2.4
m/z = 366.66
pop2 = 0.80
Dabs_2 = 2.7
m/z = 366.53
m/z = 366.54
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 0.68
data 72000.0s, rep 1
pop1 = 0.13
Dabs_1 = 2.4
m/z = 366.59
pop2 = 0.87
Dabs_2 = 2.8
m/z = 366.56
m/z = 366.54
Env res: 0.69
data 72000.0s, rep 2
pop1 = 0.09
Dabs_1 = 2.4
m/z = 366.59
pop2 = 0.91
Dabs_2 = 2.6
m/z = 366.53
m/z = 366.52
Env res: 0.70
data 72000.0s, rep 3
pop1 = 0.57
Dabs_1 = 1.7
m/z = 366.21
pop2 = 0.43
Dabs_2 = 3.3
m/z = 367.03
m/z = 366.52
Env res: 0.69
data 72000.0s, rep 4
pop1 = 0.30
Dabs_1 = 1.6
m/z = 366.16
pop2 = 0.70
Dabs_2 = 2.9
m/z = 366.66
m/z = 366.50
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 0.47
data FullDeut, rep 1
pop1 = 0.08
Dabs_1 = 0.0
m/z = 365.43
pop2 = 0.92
Dabs_2 = 3.2
m/z = 367.01
m/z = 366.90
Env res: 0.79
data FullDeut, rep 2
pop1 = 0.59
Dabs_1 = 1.5
m/z = 366.13
pop2 = 0.41
Dabs_2 = 3.3
m/z = 367.13
m/z = 366.49
data FullDeut
rep 1
rep 2
Intensity
m/z

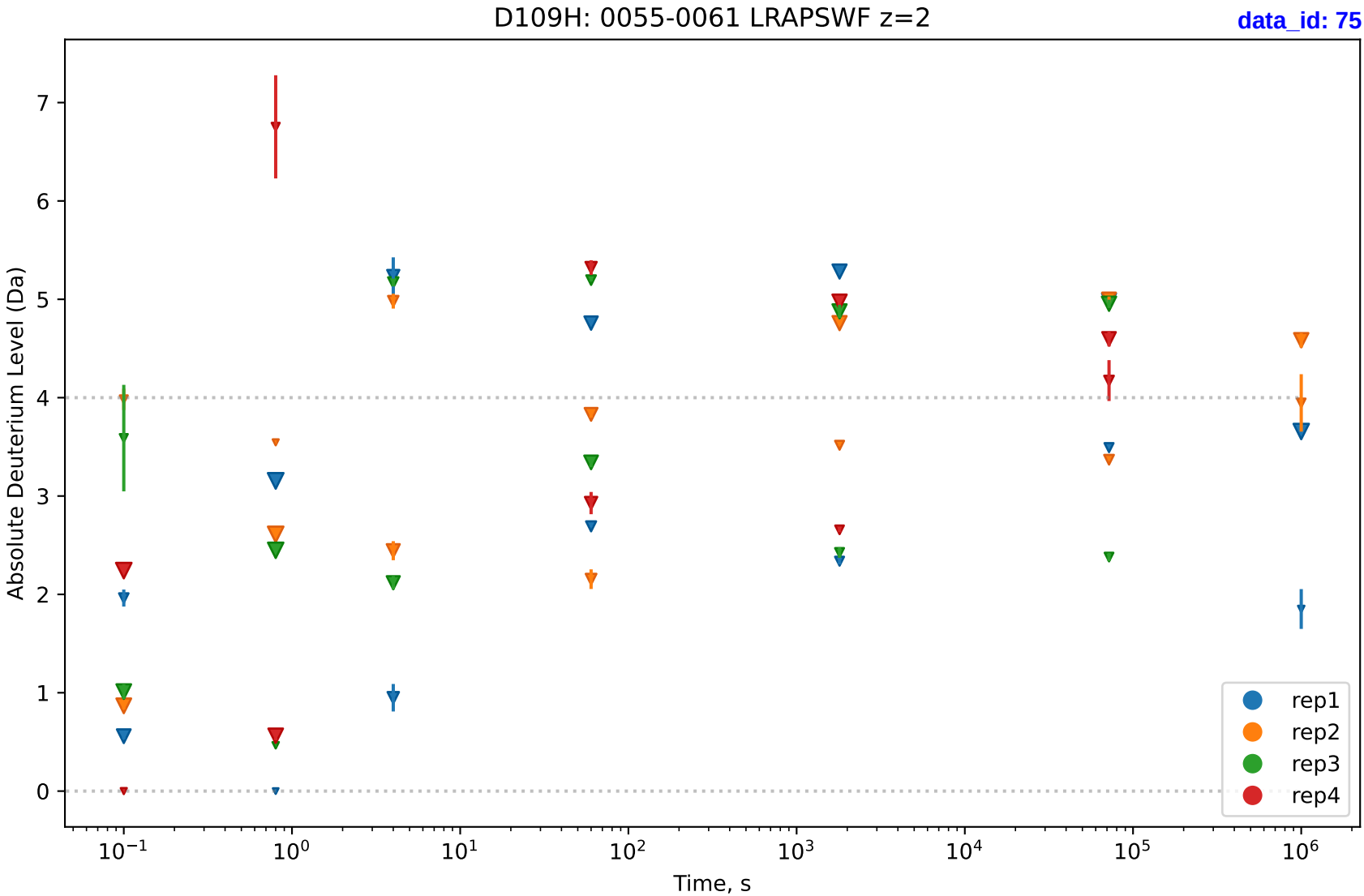

data_id: 72
D109H: 0055-0060 LRAPSW z=2
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
0.1s, rep1
0.1s, rep2
0.1s, rep3
0.1s, rep4
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
4.0s, rep1
4.0s, rep2
4.0s, rep3
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, rep4
1800.0s, rep1
1800.0s, rep2
1800.0s, rep3
1800.0s, rep4
72000.0s, rep1
72000.0s, rep2
72000.0s, rep3
72000.0s, rep4
FullDeut, rep1
FullDeut, rep2
pop0
pop1
Centroid
Replicates Overlay
UnDeut
0.1s
0.8s
4.0s
60.0s
1800.0s
72000.0s
FullDeut
1_pop0
1_pop1
2_pop0
2_pop1
3_pop0
3_pop1
4_pop0
4_pop1
population
Absolute Deuterium Level (Da)


D109H: 0055-0060 LRAPSW z=2
data_id: 72
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4

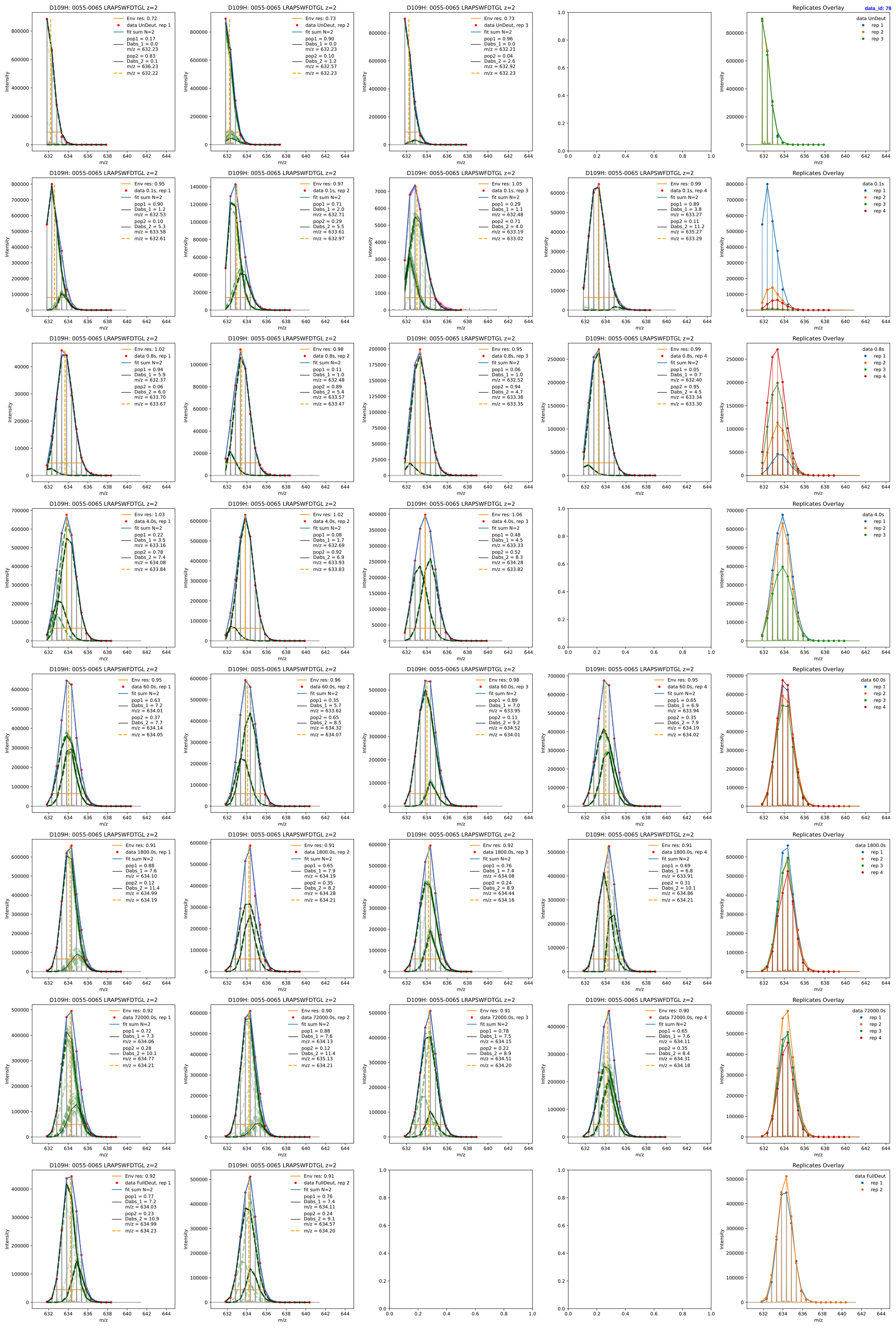
data_id: 75

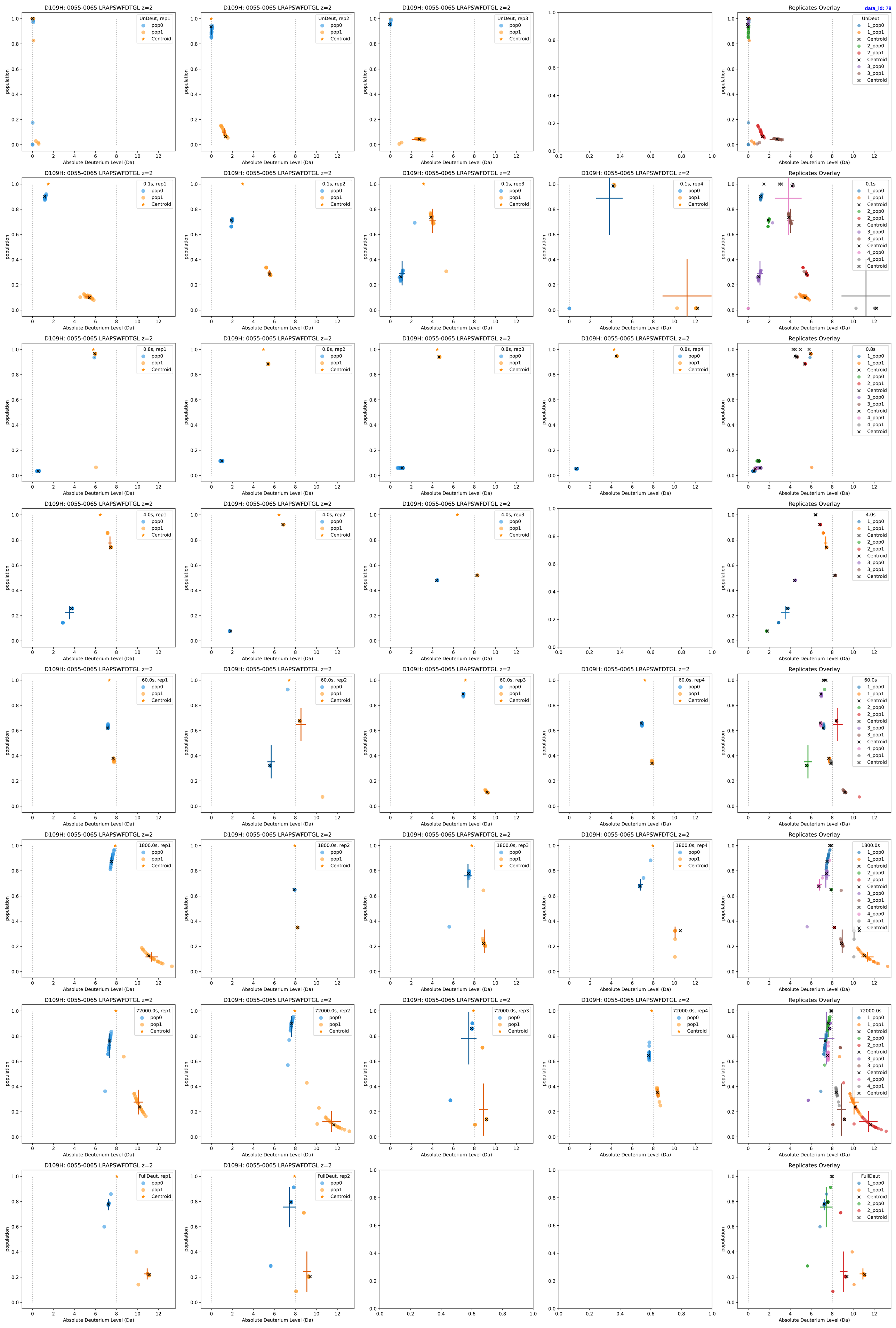

D109H: 0055-0061 LRAPSWF z=2
Env res: 0.60
data UnDeut, rep 1
fit sum N=2
pop1 = 0.18
Dabs_1 = 0.1
m/z = 439.03
pop2 = 0.82
Dabs_2 = 0.2
m/z = 439.06
m/z = 439.03
D109H: 0055-0061 LRAPSWF z=2
Env res: 0.62
data UnDeut, rep 2
fit sum N=2
pop1 = 0.27
Dabs_1 = 0.1
m/z = 439.06
pop2 = 0.73
Dabs_2 = 0.2
m/z = 439.07
m/z = 439.04
D109H: 0055-0061 LRAPSWF z=2
Env res: 0.61
data UnDeut, rep 3
fit sum N=2
pop1 = 0.77
Dabs_1 = 0.1
m/z = 439.06
pop2 = 0.23
Dabs_2 = 0.3
m/z = 439.14
m/z = 439.04
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
D109H: 0055-0061 LRAPSWF z=2
Env res: 0.86
data 0.1s, rep 1
fit sum N=2
pop1 = 0.71
Dabs_1 = 0.6
m/z = 439.17
pop2 = 0.29
Dabs_2 = 2.0
m/z = 439.58
m/z = 439.29
D109H: 0055-0061 LRAPSWF z=2
Env res: 0.82
data 0.1s, rep 2
fit sum N=2
pop1 = 0.83
Dabs_1 = 0.9
m/z = 439.26
pop2 = 0.17
Dabs_2 = 4.0
m/z = 440.13
m/z = 439.42
D109H: 0055-0061 LRAPSWF z=2
Env res: 0.77
data 0.1s, rep 3
fit sum N=2
pop1 = 0.82
Dabs_1 = 1.0
m/z = 439.31
pop2 = 0.18
Dabs_2 = 3.6
m/z = 440.02
m/z = 439.42
D109H: 0055-0061 LRAPSWF z=2
Env res: 0.92
data 0.1s, rep 4
fit sum N=2
pop1 = 0.06
Dabs_1 = 0.0
m/z = 439.01
pop2 = 0.94
Dabs_2 = 2.2
m/z = 439.65
m/z = 439.62
Replicates Overlay
data 0.1s
rep 1
rep 2
rep 3
rep 4
D109H: 0055-0061 LRAPSWF z=2
Env res: 0.85
data 0.8s, rep 1
fit sum N=2
pop1 = 0.04
Dabs_1 = 0.0
m/z = 439.01
pop2 = 0.96
Dabs_2 = 3.2
m/z = 439.91
m/z = 439.87
D109H: 0055-0061 LRAPSWF z=2
Env res: 0.85
data 0.8s, rep 2
fit sum N=2
pop1 = 0.94
Dabs_1 = 2.6
m/z = 439.01
pop2 = 0.06
Dabs_2 = 3.5
m/z = 439.80
m/z = 439.79
D109H: 0055-0061 LRAPSWF z=2
Env res: 0.89
data 0.8s, rep 3
fit sum N=2
pop1 = 0.08
Dabs_1 = 0.5
m/z = 439.65
pop2 = 0.92
Dabs_2 = 2.4
m/z = 441.02
m/z = 439.68
D109H: 0055-0061 LRAPSWF z=2
Env res: 1.01
data 0.8s, rep 4
fit sum N=2
pop1 = 0.82
Dabs_1 = 0.6
m/z = 439.22
pop2 = 0.18
Dabs_2 = 6.8
m/z = 441.02
m/z = 439.41
Replicates Overlay
data 0.8s
rep 1
rep 2
rep 3
rep 4
D109H: 0055-0061 LRAPSWF z=2
Env res: 1.00
data 4.0s, rep 1
fit sum N=2
pop1 = 0.46
Dabs_1 = 0.9
m/z = 439.31
pop2 = 0.54
Dabs_2 = 5.2
m/z = 440.52
m/z = 440.06
D109H: 0055-0061 LRAPSWF z=2
Env res: 0.86
data 4.0s, rep 2
fit sum N=2
pop1 = 0.63
Dabs_1 = 2.4
m/z = 439.72
pop2 = 0.37
Dabs_2 = 5.0
m/z = 440.51
m/z = 440.01
D109H: 0055-0061 LRAPSWF z=2
Env res: 0.95
data 4.0s, rep 3
fit sum N=2
pop1 = 0.64
Dabs_1 = 2.1
m/z = 439.62
pop2 = 0.36
Dabs_2 = 5.2
m/z = 440.58
m/z = 439.96
Replicates Overlay
data 4.0s
rep 1
rep 2
rep 3
D109H: 0055-0061 LRAPSWF z=2
Env res: 0.81
data 60.0s, rep 1
fit sum N=2
pop1 = 0.33
Dabs_1 = 2.7
m/z = 439.78
pop2 = 0.67
Dabs_2 = 4.8
m/z = 440.37
m/z = 440.16
D109H: 0055-0061 LRAPSWF z=2
Env res: 0.81
data 60.0s, rep 2
fit sum N=2
pop1 = 0.39
Dabs_1 = 2.2
m/z = 439.64
pop2 = 0.61
Dabs_2 = 3.8
m/z = 440.18
m/z = 440.01
D109H: 0055-0061 LRAPSWF z=2
Env res: 0.81
data 60.0s, rep 3
fit sum N=2
pop1 = 0.70
Dabs_1 = 3.3
m/z = 439.97
pop2 = 0.30
Dabs_2 = 5.2
m/z = 440.54
m/z = 440.13
D109H: 0055-0061 LRAPSWF z=2
Env res: 0.81
data 60.0s, rep 4
fit sum N=2
pop1 = 0.56
Dabs_1 = 2.9
m/z = 439.86
pop2 = 0.44
Dabs_2 = 5.3
m/z = 440.54
m/z = 440.15
Replicates Overlay
data 60.0s
rep 1
rep 2
rep 3
rep 4
D109H: 0055-0061 LRAPSWF z=2
Env res: 0.79
data 1800.0s, rep 1
fit sum N=2
pop1 = 0.25
Dabs_1 = 2.3
m/z = 439.76
pop2 = 0.75
Dabs_2 = 5.3
m/z = 440.51
m/z = 440.32
D109H: 0055-0061 LRAPSWF z=2
Env res: 0.77
data 1800.0s, rep 2
fit sum N=2
pop1 = 0.24
Dabs_1 = 3.5
m/z = 440.05
pop2 = 0.76
Dabs_2 = 4.8
m/z = 440.37
m/z = 440.28
D109H: 0055-0061 LRAPSWF z=2
Env res: 0.77
data 1800.0s, rep 3
fit sum N=2
pop1 = 0.24
Dabs_1 = 2.4
m/z = 439.78
pop2 = 0.76
Dabs_2 = 4.9
m/z = 440.42
m/z = 440.27
D109H: 0055-0061 LRAPSWF z=2
Env res: 0.77
data 1800.0s, rep 4
fit sum N=2
pop1 = 0.22
Dabs_1 = 2.7
m/z = 439.79
pop2 = 0.78
Dabs_2 = 5.0
m/z = 440.45
m/z = 440.30
Replicates Overlay
data 1800.0s
rep 1
rep 2
rep 3
rep 4
D109H: 0055-0061 LRAPSWF z=2
Env res: 0.76
data 72000.0s, rep 1
fit sum N=2
pop1 = 0.25
Dabs_1 = 3.5
m/z = 440.08
pop2 = 0.75
Dabs_2 = 5.0
m/z = 440.43
m/z = 440.33
D109H: 0055-0061 LRAPSWF z=2
Env res: 0.77
data 72000.0s, rep 2
fit sum N=2
pop1 = 0.30
Dabs_1 = 3.4
m/z = 440.03
pop2 = 0.70
Dabs_2 = 5.0
m/z = 440.44
m/z = 440.31
D109H: 0055-0061 LRAPSWF z=2
Env res: 0.77
data 72000.0s, rep 3
fit sum N=2
pop1 = 0.22
Dabs_1 = 2.4
m/z = 439.79
pop2 = 0.78
Dabs_2 = 5.0
m/z = 440.46
m/z = 440.30
D109H: 0055-0061 LRAPSWF z=2
Env res: 0.76
data 72000.0s, rep 4
fit sum N=2
pop1 = 0.30
Dabs_1 = 4.2
m/z = 440.20
pop2 = 0.70
Dabs_2 = 4.6
m/z = 440.30
m/z = 440.29
Replicates Overlay
data 72000.0s
rep 1
rep 2
rep 3
rep 4
D109H: 0055-0061 LRAPSWF z=2
Env res: 0.75
data FullDeut, rep 1
fit sum N=2
pop1 = 0.08
Dabs_1 = 1.9
m/z = 439.10
pop2 = 0.92
Dabs_2 = 3.7
m/z = 440.11
m/z = 440.17
D109H: 0055-0061 LRAPSWF z=2
Env res: 0.75
data FullDeut, rep 2
fit sum N=2
pop1 = 0.22
Dabs_1 = 3.9
m/z = 440.14
pop2 = 0.78
Dabs_2 = 4.6
m/z = 440.32
m/z = 440.28
Replicates Overlay
data FullDeut
rep 1
rep 2
Intensity
m/z

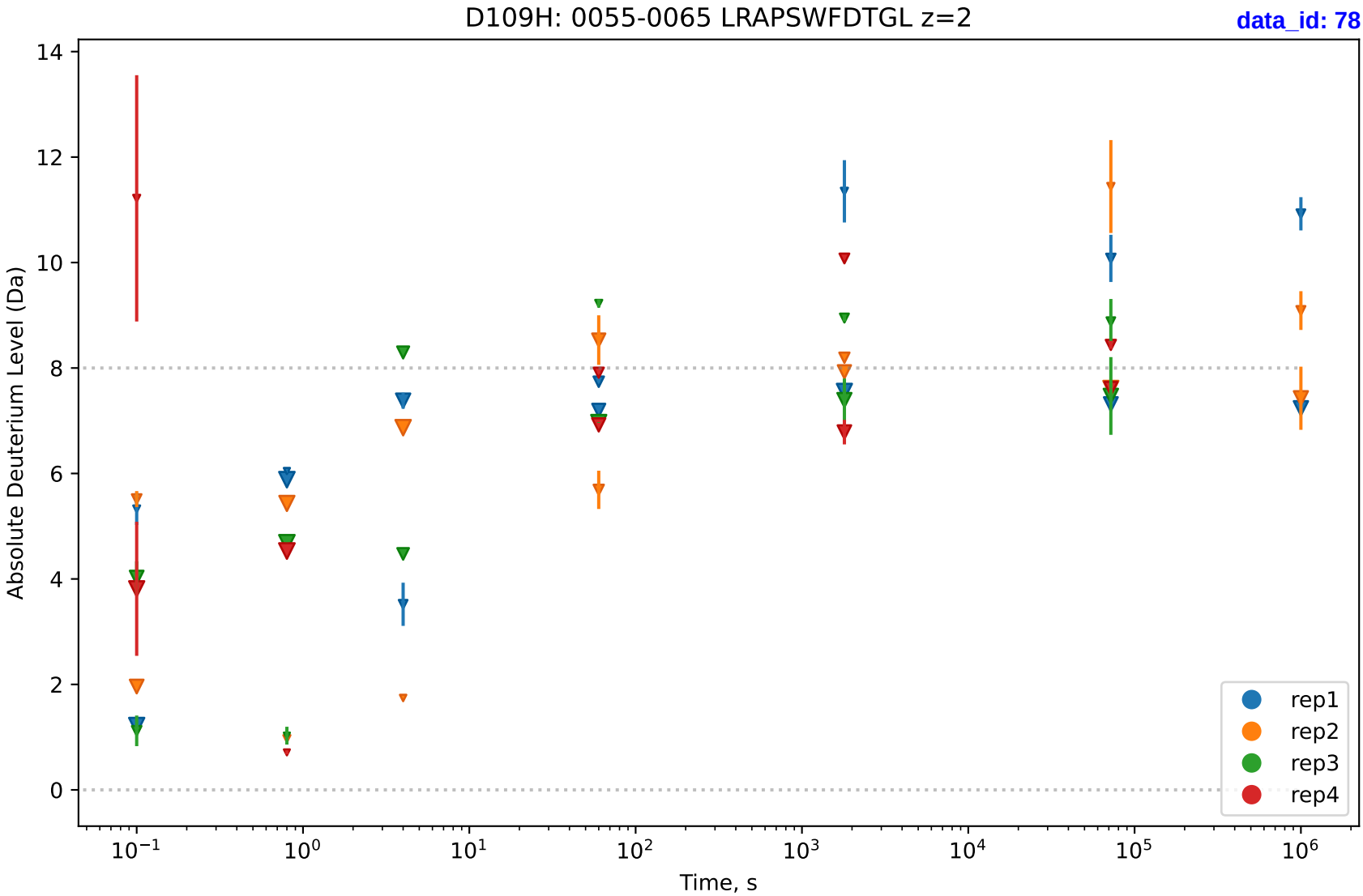

data_id: 75
D109H: 0055-0061 LRAPSWF z=2
Replicates Overlay
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
UnDeut
0.1s, rep1
0.1s, rep2
0.1s, rep3
0.1s, rep4
0.1s
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
0.8s
4.0s, rep1
4.0s, rep2
4.0s, rep3
4.0s
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, rep4
60.0s
1800.0s, rep1
1800.0s, rep2
1800.0s, rep3
1800.0s, rep4
1800.0s
72000.0s, rep1
72000.0s, rep2
72000.0s, rep3
72000.0s, rep4
72000.0s
FullDeut, rep1
FullDeut, rep2
FullDeut
pop0
pop1
Centroid
1_pop0
1_pop1
2_pop0
2_pop1
3_pop0
3_pop1
4_pop0
4_pop1
population
Absolute Deuterium Level (Da)

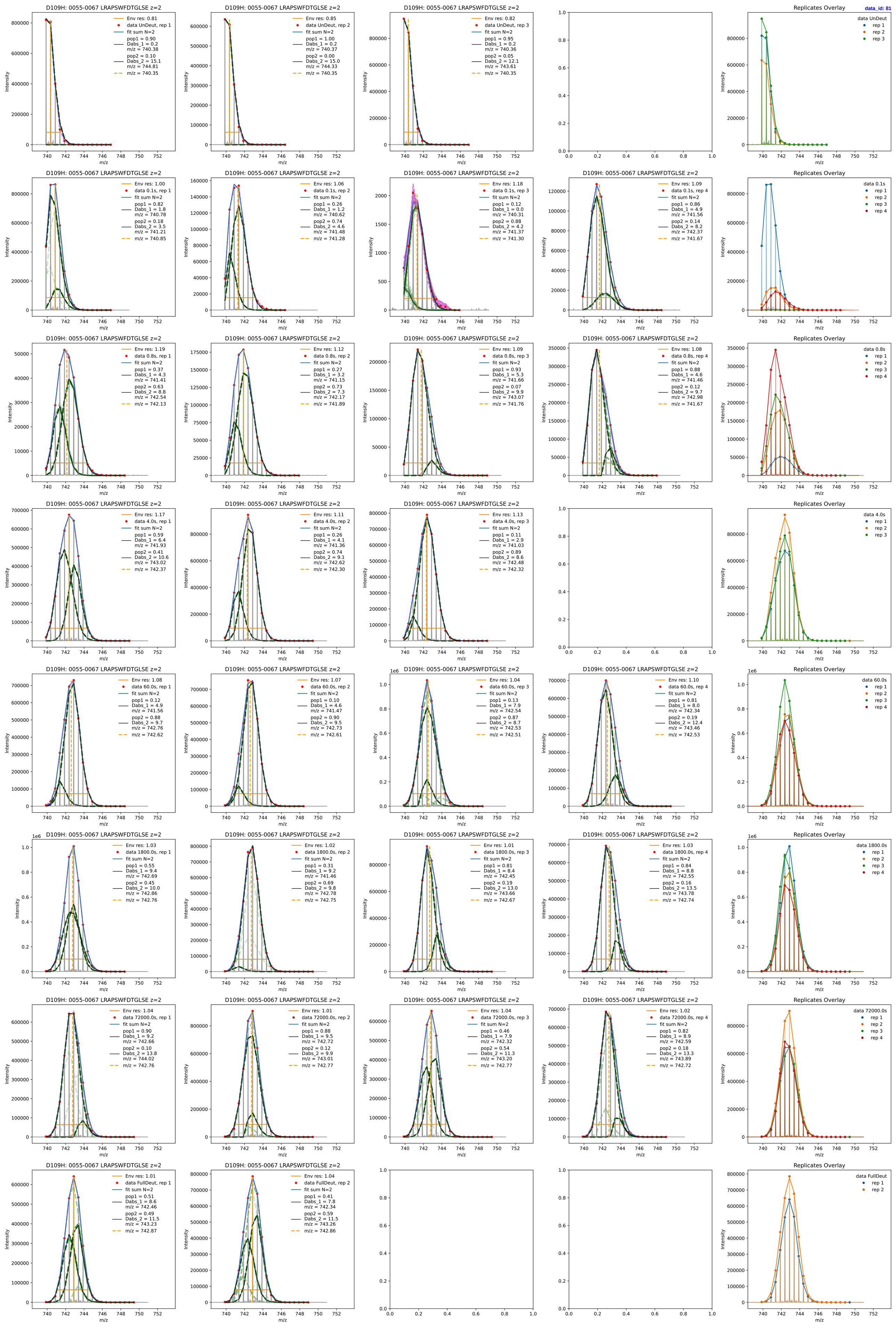

D109H: 0055-0061 LRAPSWF z=2
data_id: 75
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4

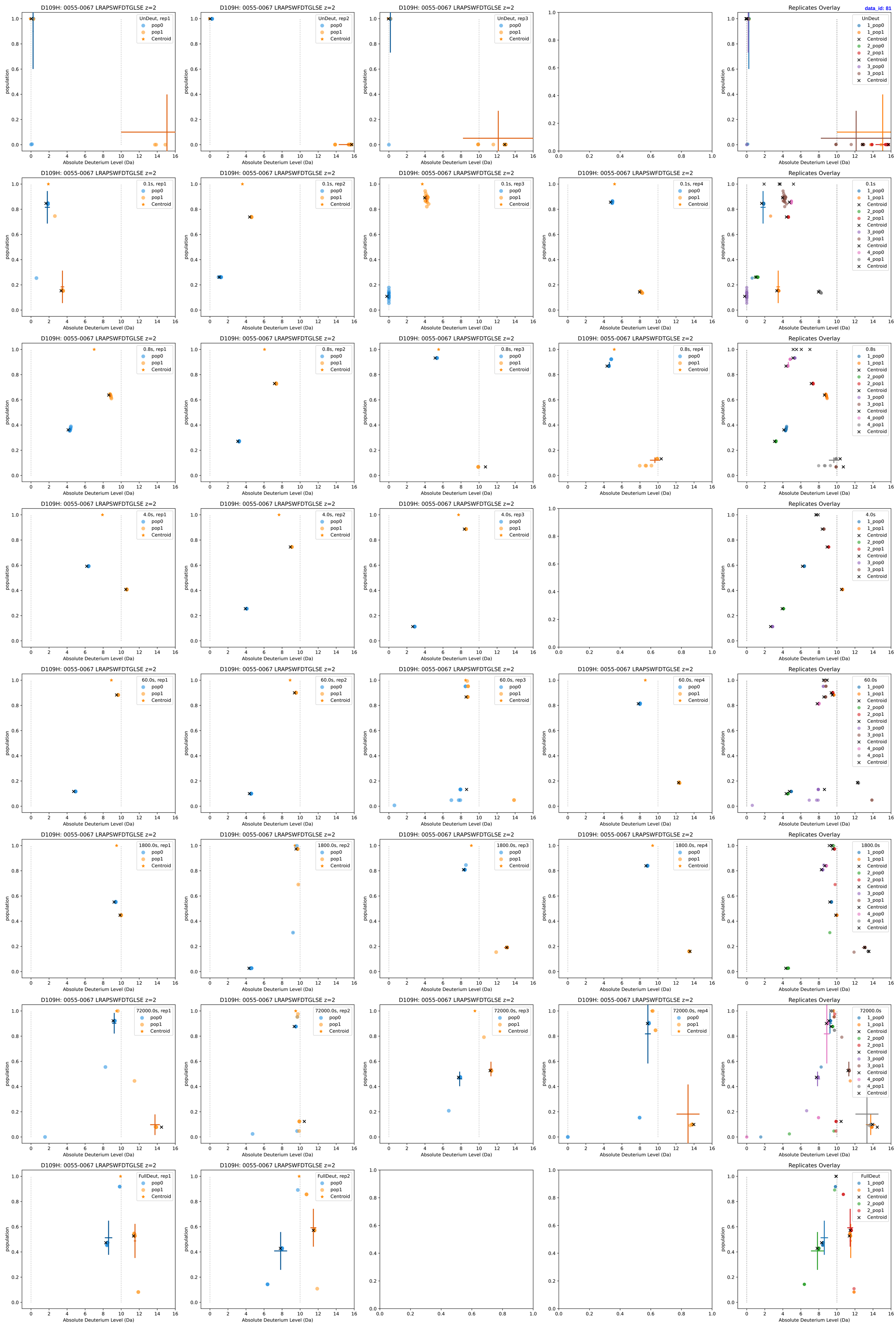
data_id: 78

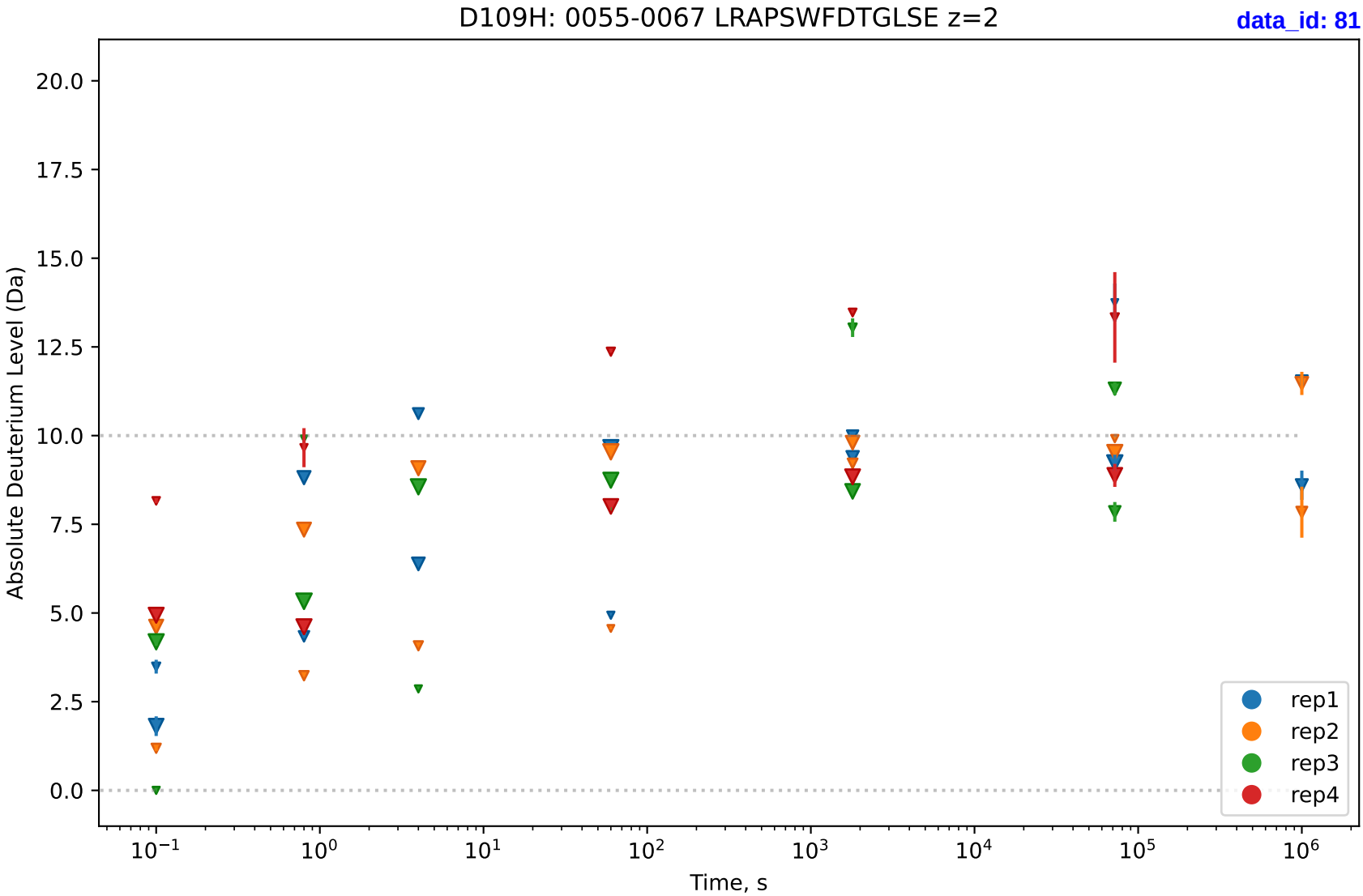

D109H: 0055-0065 LRAPSWFDTGL z=2
Env res: 0.72
data UnDeut, rep 1
fit sum N=2
pop1 = 0.17
Dabs_1 = 0.0
m/z = 632.23
pop2 = 0.83
Dabs_2 = 0.1
m/z = 636.23
m/z = 632.22
Env res: 0.73
data UnDeut, rep 2
fit sum N=2
pop1 = 0.90
Dabs_1 = 0.0
m/z = 632.23
pop2 = 0.10
Dabs_2 = 1.2
m/z = 632.57
m/z = 632.23
Env res: 0.73
data UnDeut, rep 3
fit sum N=2
pop1 = 0.96
Dabs_1 = 0.0
m/z = 632.21
pop2 = 0.04
Dabs_2 = 2.6
m/z = 632.92
m/z = 632.23
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 0.95
data 0.1s, rep 1
fit sum N=2
pop1 = 0.90
Dabs_1 = 1.2
m/z = 632.53
pop2 = 0.10
Dabs_2 = 5.3
m/z = 633.58
m/z = 632.61
Env res: 0.97
data 0.1s, rep 2
fit sum N=2
pop1 = 0.71
Dabs_1 = 2.0
m/z = 632.71
pop2 = 0.29
Dabs_2 = 5.5
m/z = 633.61
m/z = 632.97
Env res: 1.05
data 0.1s, rep 3
fit sum N=2
pop1 = 0.29
Dabs_1 = 1.1
m/z = 632.48
pop2 = 0.71
Dabs_2 = 4.0
m/z = 633.19
m/z = 633.02
Env res: 0.99
data 0.1s, rep 4
fit sum N=2
pop1 = 0.89
Dabs_1 = 3.8
m/z = 633.27
pop2 = 0.11
Dabs_2 = 11.2
m/z = 635.27
m/z = 633.29
Replicates Overlay
data 0.1s
rep 1
rep 2
rep 3
rep 4
Env res: 1.02
data 0.8s, rep 1
fit sum N=2
pop1 = 0.94
Dabs_1 = 5.9
m/z = 632.37
pop2 = 0.06
Dabs_2 = 6.0
m/z = 633.70
m/z = 633.67
Env res: 0.98
data 0.8s, rep 2
fit sum N=2
pop1 = 0.11
Dabs_1 = 1.0
m/z = 632.48
pop2 = 0.89
Dabs_2 = 5.4
m/z = 633.57
m/z = 633.47
Env res: 0.95
data 0.8s, rep 3
fit sum N=2
pop1 = 0.06
Dabs_1 = 1.0
m/z = 632.52
pop2 = 0.94
Dabs_2 = 4.7
m/z = 633.38
m/z = 633.35
Env res: 0.99
data 0.8s, rep 4
fit sum N=2
pop1 = 0.05
Dabs_1 = 0.7
m/z = 632.40
pop2 = 0.95
Dabs_2 = 4.5
m/z = 633.34
m/z = 633.30
Replicates Overlay
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 1.03
data 4.0s, rep 1
fit sum N=2
pop1 = 0.22
Dabs_1 = 3.5
m/z = 633.16
pop2 = 0.78
Dabs_2 = 7.4
m/z = 634.08
m/z = 633.84
Env res: 1.02
data 4.0s, rep 2
fit sum N=2
pop1 = 0.08
Dabs_1 = 1.7
m/z = 632.69
pop2 = 0.92
Dabs_2 = 6.9
m/z = 633.93
m/z = 633.83
Env res: 1.06
data 4.0s, rep 3
fit sum N=2
pop1 = 0.48
Dabs_1 = 4.5
m/z = 633.33
pop2 = 0.52
Dabs_2 = 8.3
m/z = 634.28
m/z = 633.82
Replicates Overlay
data 4.0s
rep 1
rep 2
rep 3
Env res: 0.95
data 60.0s, rep 1
fit sum N=2
pop1 = 0.63
Dabs_1 = 7.2
m/z = 634.01
pop2 = 0.37
Dabs_2 = 7.7
m/z = 634.14
m/z = 634.05
Env res: 0.96
data 60.0s, rep 2
fit sum N=2
pop1 = 0.35
Dabs_1 = 5.7
m/z = 633.62
pop2 = 0.65
Dabs_2 = 8.5
m/z = 634.32
m/z = 634.07
Env res: 0.98
data 60.0s, rep 3
fit sum N=2
pop1 = 0.89
Dabs_1 = 7.0
m/z = 633.95
pop2 = 0.11
Dabs_2 = 9.2
m/z = 634.52
m/z = 634.01
Env res: 0.95
data 60.0s, rep 4
fit sum N=2
pop1 = 0.65
Dabs_1 = 6.9
m/z = 633.94
pop2 = 0.35
Dabs_2 = 7.9
m/z = 634.19
m/z = 634.02
Replicates Overlay
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 0.91
data 1800.0s, rep 1
fit sum N=2
pop1 = 0.88
Dabs_1 = 7.6
m/z = 634.10
pop2 = 0.12
Dabs_2 = 11.4
m/z = 634.99
m/z = 634.19
Env res: 0.91
data 1800.0s, rep 2
fit sum N=2
pop1 = 0.65
Dabs_1 = 7.9
m/z = 634.19
pop2 = 0.35
Dabs_2 = 8.2
m/z = 634.28
m/z = 634.21
Env res: 0.92
data 1800.0s, rep 3
fit sum N=2
pop1 = 0.76
Dabs_1 = 7.4
m/z = 634.08
pop2 = 0.24
Dabs_2 = 8.9
m/z = 634.44
m/z = 634.16
Env res: 0.91
data 1800.0s, rep 4
fit sum N=2
pop1 = 0.69
Dabs_1 = 6.8
m/z = 633.91
pop2 = 0.31
Dabs_2 = 10.1
m/z = 634.86
m/z = 634.21
Replicates Overlay
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 0.92
data 72000.0s, rep 1
fit sum N=2
pop1 = 0.72
Dabs_1 = 7.3
m/z = 634.06
pop2 = 0.28
Dabs_2 = 10.1
m/z = 634.77
m/z = 634.21
Env res: 0.90
data 72000.0s, rep 2
fit sum N=2
pop1 = 0.88
Dabs_1 = 7.6
m/z = 634.13
pop2 = 0.12
Dabs_2 = 11.4
m/z = 635.13
m/z = 634.21
Env res: 0.91
data 72000.0s, rep 3
fit sum N=2
pop1 = 0.78
Dabs_1 = 7.5
m/z = 634.15
pop2 = 0.22
Dabs_2 = 8.9
m/z = 634.51
m/z = 634.20
Env res: 0.90
data 72000.0s, rep 4
fit sum N=2
pop1 = 0.65
Dabs_1 = 7.6
m/z = 634.11
pop2 = 0.35
Dabs_2 = 8.4
m/z = 634.31
m/z = 634.18
Replicates Overlay
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 0.92
data FullDeut, rep 1
fit sum N=2
pop1 = 0.77
Dabs_1 = 7.2
m/z = 634.03
pop2 = 0.23
Dabs_2 = 10.9
m/z = 634.99
m/z = 634.23
Env res: 0.91
data FullDeut, rep 2
fit sum N=2
pop1 = 0.76
Dabs_1 = 7.4
m/z = 634.11
pop2 = 0.24
Dabs_2 = 9.1
m/z = 634.57
m/z = 634.20
Replicates Overlay
data FullDeut
rep 1
rep 2
Intensity
m/z

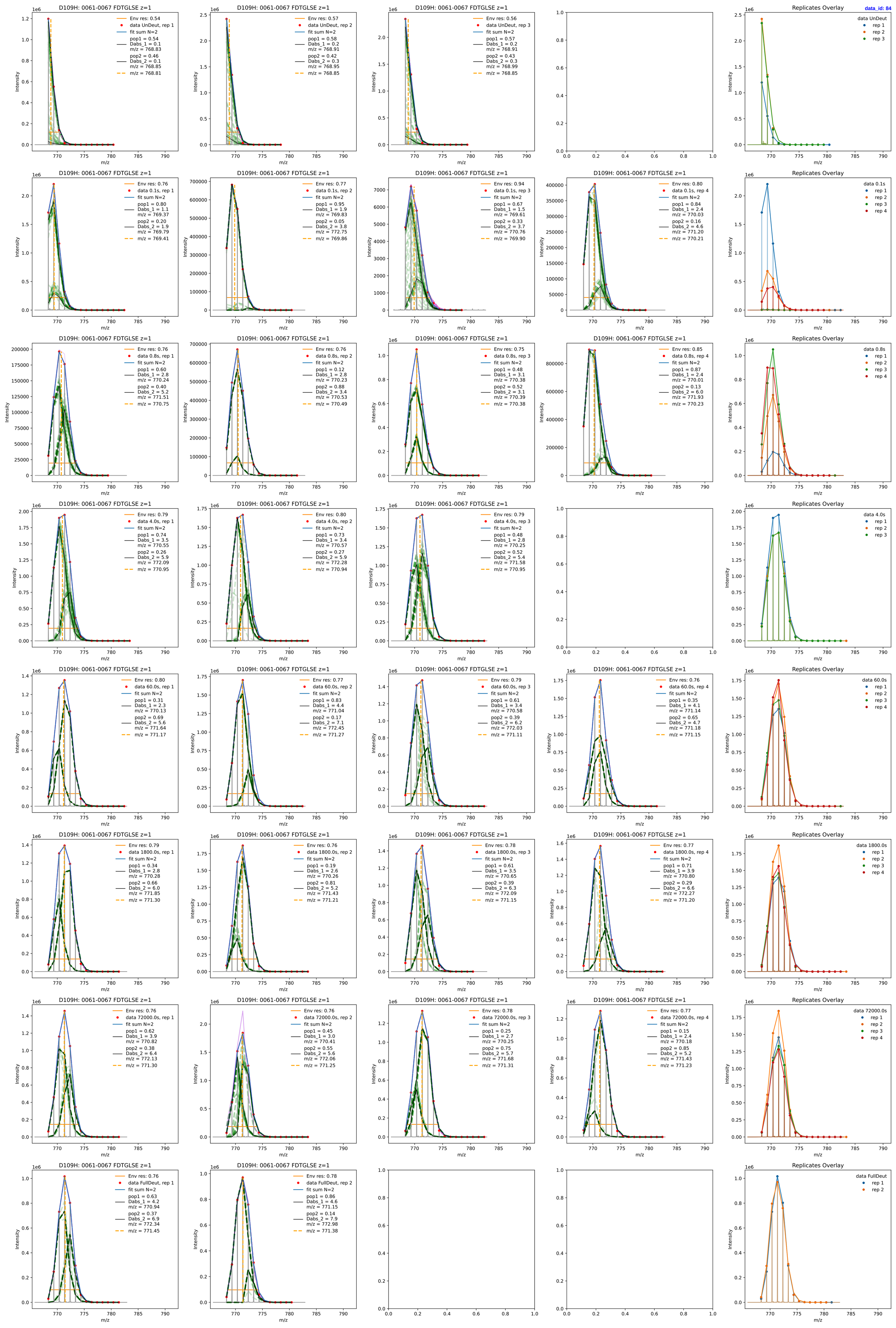

data_id: 78
D109H: 0055-0065 LRAPSWFDTGL z=2
Replicates Overlay
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
UnDeut
0.1s, rep1
0.1s, rep2
0.1s, rep3
0.1s, rep4
0.1s
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
0.8s
4.0s, rep1
4.0s, rep2
4.0s, rep3
4.0s
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, rep4
60.0s
1800.0s, rep1
1800.0s, rep2
1800.0s, rep3
1800.0s, rep4
1800.0s
72000.0s, rep1
72000.0s, rep2
72000.0s, rep3
72000.0s, rep4
72000.0s
FullDeut, rep1
FullDeut, rep2
FullDeut
pop0
pop1
Centroid
1_pop0
1_pop1
2_pop0
2_pop1
3_pop0
3_pop1
4_pop0
4_pop1
population
Absolute Deuterium Level (Da)

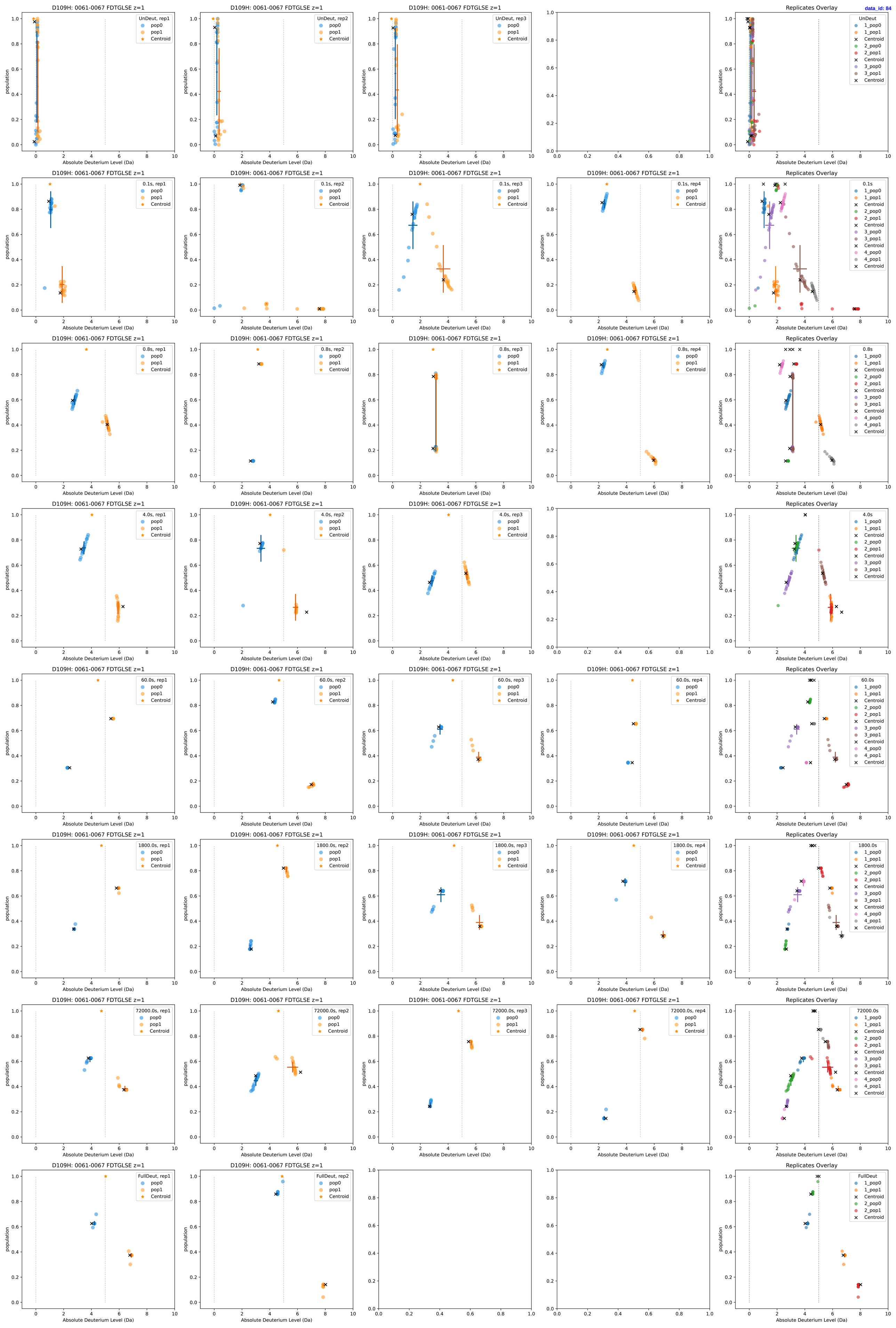

D109H: 0055-0065 LRAPSWFDTGL z=2
data_id: 78
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4

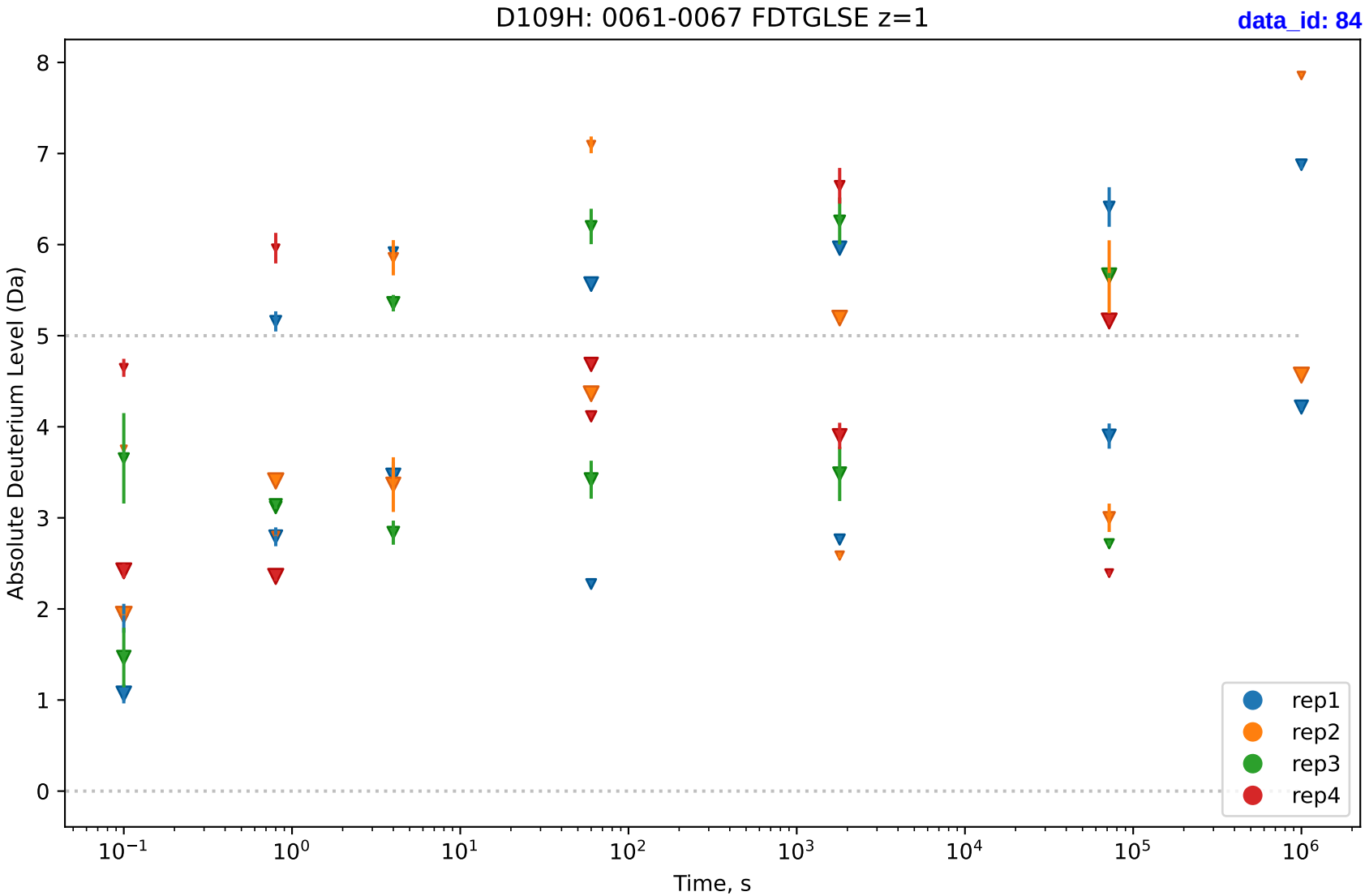

data_id: 81
D109H: 0055-0067 LRAPSWFDTGLSE z=2
Env res: 0.81
data UnDeut, rep 1
fit sum N=2
pop1 = 0.90
Dabs_1 = 0.2
m/z = 740.38
pop2 = 0.10
Dabs_2 = 15.1
m/z = 744.81
m/z = 740.35
Env res: 0.85
data UnDeut, rep 2
pop1 = 1.00
Dabs_1 = 0.2
m/z = 740.37
pop2 = 0.00
Dabs_2 = 15.0
m/z = 744.33
m/z = 740.35
Env res: 0.82
data UnDeut, rep 3
pop1 = 0.95
Dabs_1 = 0.2
m/z = 740.36
pop2 = 0.05
Dabs_2 = 12.1
m/z = 743.61
m/z = 740.35
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 1.00
data 0.1s, rep 1
pop1 = 0.82
Dabs_1 = 1.8
m/z = 740.78
pop2 = 0.18
Dabs_2 = 3.5
m/z = 741.21
m/z = 740.85
Env res: 1.06
data 0.1s, rep 2
pop1 = 0.26
Dabs_1 = 1.2
m/z = 740.62
pop2 = 0.74
Dabs_2 = 4.6
m/z = 741.48
m/z = 741.28
Env res: 1.18
data 0.1s, rep 3
pop1 = 0.12
Dabs_1 = 0.0
m/z = 740.31
pop2 = 0.88
Dabs_2 = 4.2
m/z = 741.37
m/z = 741.30
Env res: 1.09
data 0.1s, rep 4
pop1 = 0.86
Dabs_1 = 4.9
m/z = 741.56
pop2 = 0.14
Dabs_2 = 8.2
m/z = 742.37
m/z = 741.67
data 0.1s
rep 1
rep 2
rep 3
rep 4
Env res: 1.19
data 0.8s, rep 1
pop1 = 0.37
Dabs_1 = 4.3
m/z = 741.41
pop2 = 0.63
Dabs_2 = 8.8
m/z = 742.54
m/z = 742.13
Env res: 1.12
data 0.8s, rep 2
pop1 = 0.27
Dabs_1 = 3.2
m/z = 741.15
pop2 = 0.73
Dabs_2 = 7.3
m/z = 742.17
m/z = 741.89
Env res: 1.09
data 0.8s, rep 3
pop1 = 0.93
Dabs_1 = 5.3
m/z = 741.66
pop2 = 0.07
Dabs_2 = 9.9
m/z = 743.07
m/z = 741.76
Env res: 1.08
data 0.8s, rep 4
pop1 = 0.88
Dabs_1 = 4.6
m/z = 741.46
pop2 = 0.12
Dabs_2 = 9.7
m/z = 742.98
m/z = 741.67
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 1.17
data 4.0s, rep 1
pop1 = 0.59
Dabs_1 = 6.4
m/z = 741.93
pop2 = 0.41
Dabs_2 = 10.6
m/z = 743.02
m/z = 742.37
Env res: 1.11
data 4.0s, rep 2
pop1 = 0.26
Dabs_1 = 4.1
m/z = 741.36
pop2 = 0.74
Dabs_2 = 9.1
m/z = 742.62
m/z = 742.30
Env res: 1.13
data 4.0s, rep 3
pop1 = 0.11
Dabs_1 = 2.9
m/z = 741.03
pop2 = 0.89
Dabs_2 = 8.6
m/z = 742.48
m/z = 742.32
data 4.0s
rep 1
rep 2
rep 3
Env res: 1.08
data 60.0s, rep 1
pop1 = 0.12
Dabs_1 = 4.9
m/z = 741.56
pop2 = 0.88
Dabs_2 = 9.7
m/z = 742.76
m/z = 742.62
Env res: 1.07
data 60.0s, rep 2
pop1 = 0.10
Dabs_1 = 4.6
m/z = 741.47
pop2 = 0.90
Dabs_2 = 9.5
m/z = 742.73
m/z = 742.61
Env res: 1.04
data 60.0s, rep 3
pop1 = 0.13
Dabs_1 = 7.9
m/z = 742.54
pop2 = 0.87
Dabs_2 = 8.7
m/z = 742.53
m/z = 742.51
Env res: 1.10
data 60.0s, rep 4
pop1 = 0.81
Dabs_1 = 8.0
m/z = 742.34
pop2 = 0.19
Dabs_2 = 12.4
m/z = 743.46
m/z = 742.53
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.03
data 1800.0s, rep 1
pop1 = 0.55
Dabs_1 = 9.4
m/z = 742.69
pop2 = 0.45
Dabs_2 = 10.0
m/z = 742.86
m/z = 742.76
Env res: 1.02
data 1800.0s, rep 2
pop1 = 0.31
Dabs_1 = 9.2
m/z = 741.46
pop2 = 0.69
Dabs_2 = 9.8
m/z = 742.78
m/z = 742.75
Env res: 1.01
data 1800.0s, rep 3
pop1 = 0.81
Dabs_1 = 8.4
m/z = 742.45
pop2 = 0.19
Dabs_2 = 13.0
m/z = 743.66
m/z = 742.67
Env res: 1.03
data 1800.0s, rep 4
pop1 = 0.84
Dabs_1 = 8.8
m/z = 742.55
pop2 = 0.16
Dabs_2 = 13.5
m/z = 743.78
m/z = 742.74
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.04
data 72000.0s, rep 1
pop1 = 0.90
Dabs_1 = 9.2
m/z = 742.66
pop2 = 0.10
Dabs_2 = 13.8
m/z = 744.02
m/z = 742.76
Env res: 1.01
data 72000.0s, rep 2
pop1 = 0.88
Dabs_1 = 9.5
m/z = 742.72
pop2 = 0.12
Dabs_2 = 9.9
m/z = 743.01
m/z = 742.77
Env res: 1.04
data 72000.0s, rep 3
pop1 = 0.46
Dabs_1 = 7.9
m/z = 742.32
pop2 = 0.54
Dabs_2 = 11.3
m/z = 743.20
m/z = 742.77
Env res: 1.02
data 72000.0s, rep 4
pop1 = 0.82
Dabs_1 = 8.9
m/z = 742.59
pop2 = 0.18
Dabs_2 = 13.3
m/z = 743.89
m/z = 742.72
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.01
data FullDeut, rep 1
pop1 = 0.51
Dabs_1 = 8.6
m/z = 742.46
pop2 = 0.49
Dabs_2 = 11.5
m/z = 743.23
m/z = 742.87
Env res: 1.04
data FullDeut, rep 2
pop1 = 0.41
Dabs_1 = 7.8
m/z = 742.34
pop2 = 0.59
Dabs_2 = 11.5
m/z = 743.26
m/z = 742.86
data FullDeut
rep 1
rep 2
Intensity
m/z


data_id: 81
D109H: 0055-0067 LRAPSWFDTGLSE z=2
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
0.1s, rep1
0.1s, rep2
0.1s, rep3
0.1s, rep4
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
4.0s, rep1
4.0s, rep2
4.0s, rep3
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, rep4
1800.0s, rep1
1800.0s, rep2
1800.0s, rep3
1800.0s, rep4
72000.0s, rep1
72000.0s, rep2
72000.0s, rep3
72000.0s, rep4
FullDeut, rep1
FullDeut, rep2
pop0
pop1
Centroid
Replicates Overlay
UnDeut
0.1s
0.8s
4.0s
60.0s
1800.0s
72000.0s
FullDeut
1_pop0
1_pop1
2_pop0
2_pop1
3_pop0
3_pop1
4_pop0
4_pop1
population
Absolute Deuterium Level (Da)


D109H: 0055-0067 LRAPSWFDTGLSE z=2
data_id: 81
Absolute Deuterium Level (Da)
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
10^{-1}
10^{0}
10^{1}
10^{2}
10^{3}
10^{4}
10^{5}
10^{6}
Time, s
rep1
rep2
rep3
rep4


data_id: 84
D109H: 0061-0067 FDTGLSE z=1
Env res: 0.54
data UnDeut, rep 1
fit sum N=2
pop1 = 0.54
Dabs_1 = 0.1
m/z = 768.83
pop2 = 0.46
Dabs_2 = 0.1
m/z = 768.85
m/z = 768.81
Env res: 0.57
data UnDeut, rep 2
pop1 = 0.58
Dabs_1 = 0.2
m/z = 768.91
pop2 = 0.42
Dabs_2 = 0.3
m/z = 768.95
m/z = 768.85
Env res: 0.56
data UnDeut, rep 3
pop1 = 0.57
Dabs_1 = 0.2
m/z = 768.91
pop2 = 0.43
Dabs_2 = 0.3
m/z = 768.99
m/z = 768.85
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 0.76
data 0.1s, rep 1
pop1 = 0.80
Dabs_1 = 1.1
m/z = 769.37
pop2 = 0.20
Dabs_2 = 1.9
m/z = 769.79
m/z = 769.41
Env res: 0.77
data 0.1s, rep 2
pop1 = 0.95
Dabs_1 = 1.9
m/z = 769.83
pop2 = 0.05
Dabs_2 = 3.8
m/z = 772.75
m/z = 769.86
Env res: 0.94
data 0.1s, rep 3
pop1 = 0.67
Dabs_1 = 1.5
m/z = 769.61
pop2 = 0.33
Dabs_2 = 3.7
m/z = 770.76
m/z = 769.90
Env res: 0.80
data 0.1s, rep 4
pop1 = 0.84
Dabs_1 = 2.4
m/z = 770.03
pop2 = 0.16
Dabs_2 = 4.6
m/z = 771.20
m/z = 770.21
data 0.1s
rep 1
rep 2
rep 3
rep 4
Env res: 0.76
data 0.8s, rep 1
pop1 = 0.60
Dabs_1 = 2.8
m/z = 770.24
pop2 = 0.40
Dabs_2 = 5.2
m/z = 771.51
m/z = 770.75
Env res: 0.76
data 0.8s, rep 2
pop1 = 0.12
Dabs_1 = 2.8
m/z = 770.23
pop2 = 0.88
Dabs_2 = 3.4
m/z = 770.53
m/z = 770.49
Env res: 0.75
data 0.8s, rep 3
pop1 = 0.48
Dabs_1 = 3.1
m/z = 770.38
pop2 = 0.52
Dabs_2 = 3.1
m/z = 770.39
m/z = 770.38
Env res: 0.85
data 0.8s, rep 4
pop1 = 0.87
Dabs_1 = 2.4
m/z = 770.01
pop2 = 0.13
Dabs_2 = 6.0
m/z = 771.93
m/z = 770.23
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 0.79
data 4.0s, rep 1
pop1 = 0.74
Dabs_1 = 3.5
m/z = 770.55
pop2 = 0.26
Dabs_2 = 5.9
m/z = 772.09
m/z = 770.95
Env res: 0.80
data 4.0s, rep 2
pop1 = 0.73
Dabs_1 = 3.4
m/z = 770.57
pop2 = 0.27
Dabs_2 = 5.9
m/z = 772.28
m/z = 770.94
Env res: 0.79
data 4.0s, rep 3
pop1 = 0.48
Dabs_1 = 2.8
m/z = 770.25
pop2 = 0.52
Dabs_2 = 5.4
m/z = 771.58
m/z = 770.95
data 4.0s
rep 1
rep 2
rep 3
Env res: 0.80
data 60.0s, rep 1
pop1 = 0.31
Dabs_1 = 2.3
m/z = 770.13
pop2 = 0.69
Dabs_2 = 5.6
m/z = 771.64
m/z = 771.17
Env res: 0.77
data 60.0s, rep 2
pop1 = 0.83
Dabs_1 = 4.4
m/z = 771.04
pop2 = 0.17
Dabs_2 = 7.1
m/z = 772.45
m/z = 771.27
Env res: 0.79
data 60.0s, rep 3
pop1 = 0.61
Dabs_1 = 3.4
m/z = 770.58
pop2 = 0.39
Dabs_2 = 6.2
m/z = 772.03
m/z = 771.11
Env res: 0.76
data 60.0s, rep 4
pop1 = 0.35
Dabs_1 = 4.1
m/z = 771.14
pop2 = 0.65
Dabs_2 = 4.7
m/z = 771.18
m/z = 771.15
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 0.79
data 1800.0s, rep 1
pop1 = 0.34
Dabs_1 = 2.8
m/z = 770.28
pop2 = 0.66
Dabs_2 = 6.0
m/z = 771.85
m/z = 771.30
Env res: 0.76
data 1800.0s, rep 2
pop1 = 0.19
Dabs_1 = 2.6
m/z = 770.26
pop2 = 0.81
Dabs_2 = 5.2
m/z = 771.43
m/z = 771.21
Env res: 0.78
data 1800.0s, rep 3
pop1 = 0.61
Dabs_1 = 3.5
m/z = 770.65
pop2 = 0.39
Dabs_2 = 6.3
m/z = 772.09
m/z = 771.15
Env res: 0.77
data 1800.0s, rep 4
pop1 = 0.71
Dabs_1 = 3.9
m/z = 770.80
pop2 = 0.29
Dabs_2 = 6.6
m/z = 772.27
m/z = 771.20
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 0.76
data 72000.0s, rep 1
pop1 = 0.62
Dabs_1 = 3.9
m/z = 770.82
pop2 = 0.38
Dabs_2 = 6.4
m/z = 772.13
m/z = 771.30
Env res: 0.76
data 72000.0s, rep 2
pop1 = 0.45
Dabs_1 = 3.0
m/z = 770.41
pop2 = 0.55
Dabs_2 = 5.6
m/z = 772.06
m/z = 771.25
Env res: 0.78
data 72000.0s, rep 3
pop1 = 0.25
Dabs_1 = 2.7
m/z = 770.25
pop2 = 0.75
Dabs_2 = 5.7
m/z = 771.68
m/z = 771.31
Env res: 0.77
data 72000.0s, rep 4
pop1 = 0.15
Dabs_1 = 2.4
m/z = 770.18
pop2 = 0.85
Dabs_2 = 5.2
m/z = 771.43
m/z = 771.23
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 0.76
data FullDeut, rep 1
pop1 = 0.63
Dabs_1 = 4.2
m/z = 770.94
pop2 = 0.37
Dabs_2 = 6.9
m/z = 772.34
m/z = 771.45
Env res: 0.78
data FullDeut, rep 2
pop1 = 0.86
Dabs_1 = 4.6
m/z = 771.15
pop2 = 0.14
Dabs_2 = 7.9
m/z = 772.98
m/z = 771.38
data FullDeut
rep 1
rep 2
Intensity
m/z

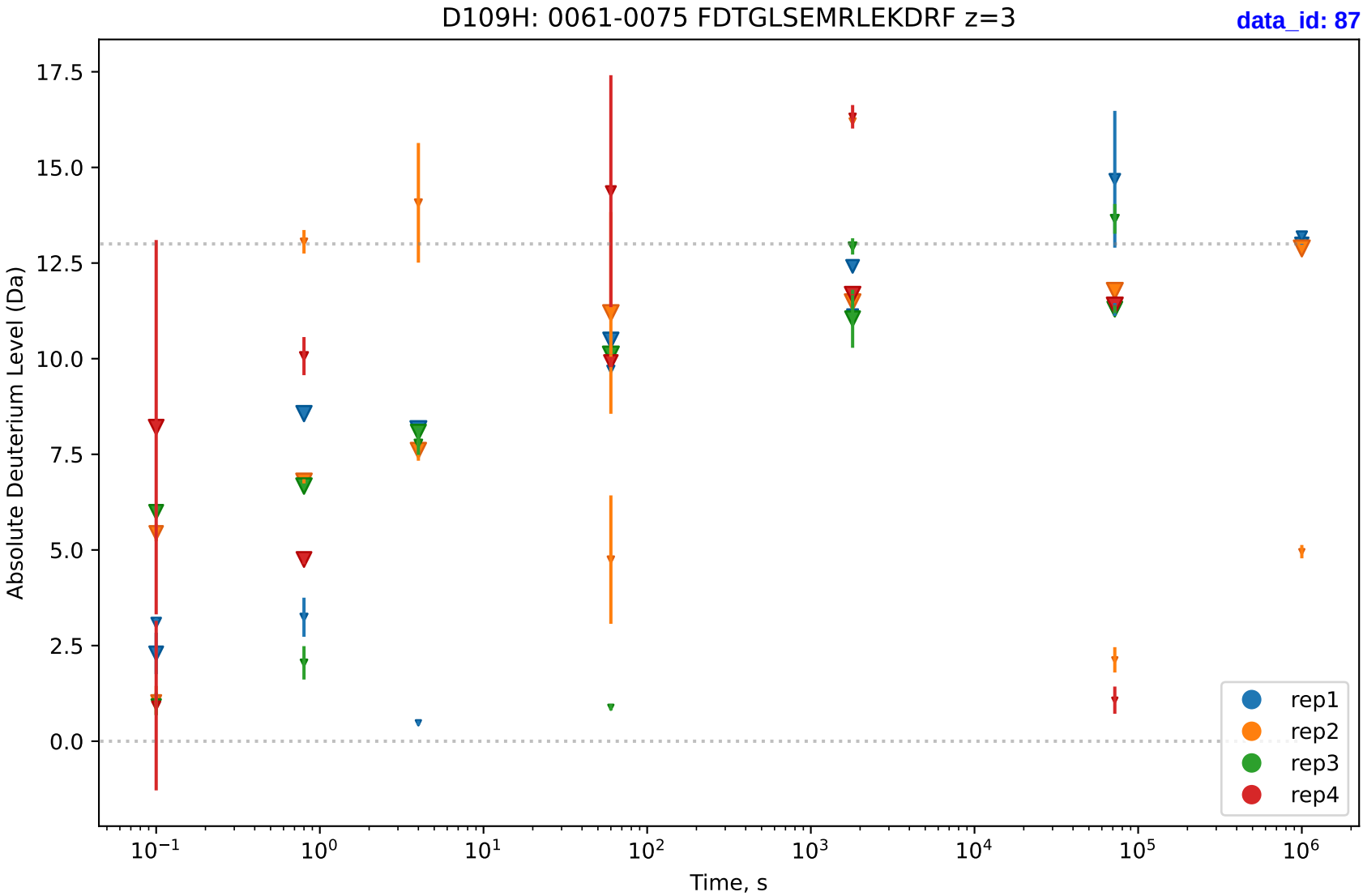

data_id: 84
D109H: 0061-0067 FDTGLSE z=1
Replicates Overlay
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
UnDeut
0.1s, rep1
0.1s, rep2
0.1s, rep3
0.1s, rep4
0.1s
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
0.8s
4.0s, rep1
4.0s, rep2
4.0s, rep3
4.0s
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, rep4
60.0s
1800.0s, rep1
1800.0s, rep2
1800.0s, rep3
1800.0s, rep4
1800.0s
72000.0s, rep1
72000.0s, rep2
72000.0s, rep3
72000.0s, rep4
72000.0s
FullDeut, rep1
FullDeut, rep2
FullDeut
pop0
pop1
Centroid
1_pop0
1_pop1
2_pop0
2_pop1
3_pop0
3_pop1
4_pop0
4_pop1
population
Absolute Deuterium Level (Da)

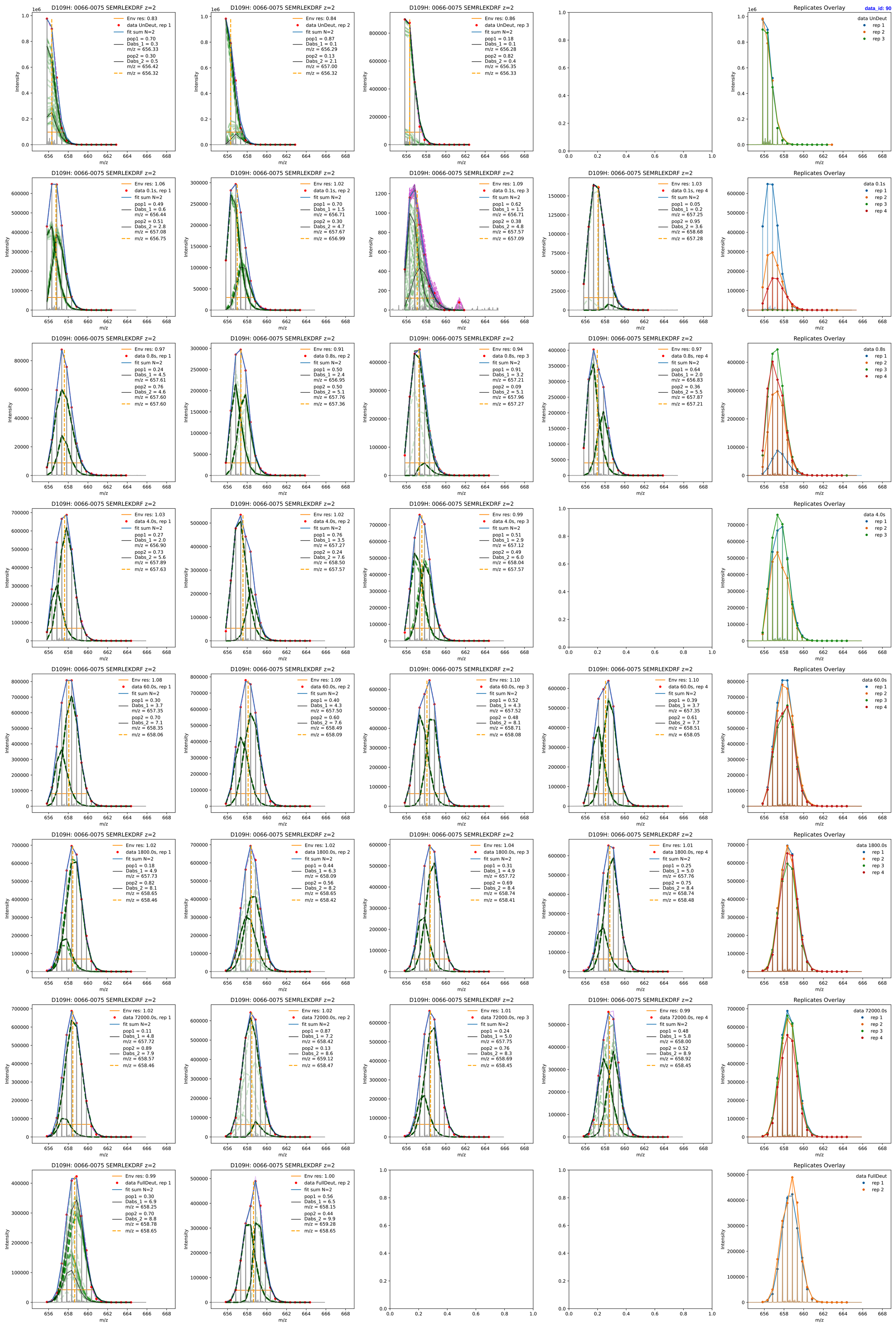

D109H: 0061-0067 FDTGLSE z=1
data_id: 84
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4

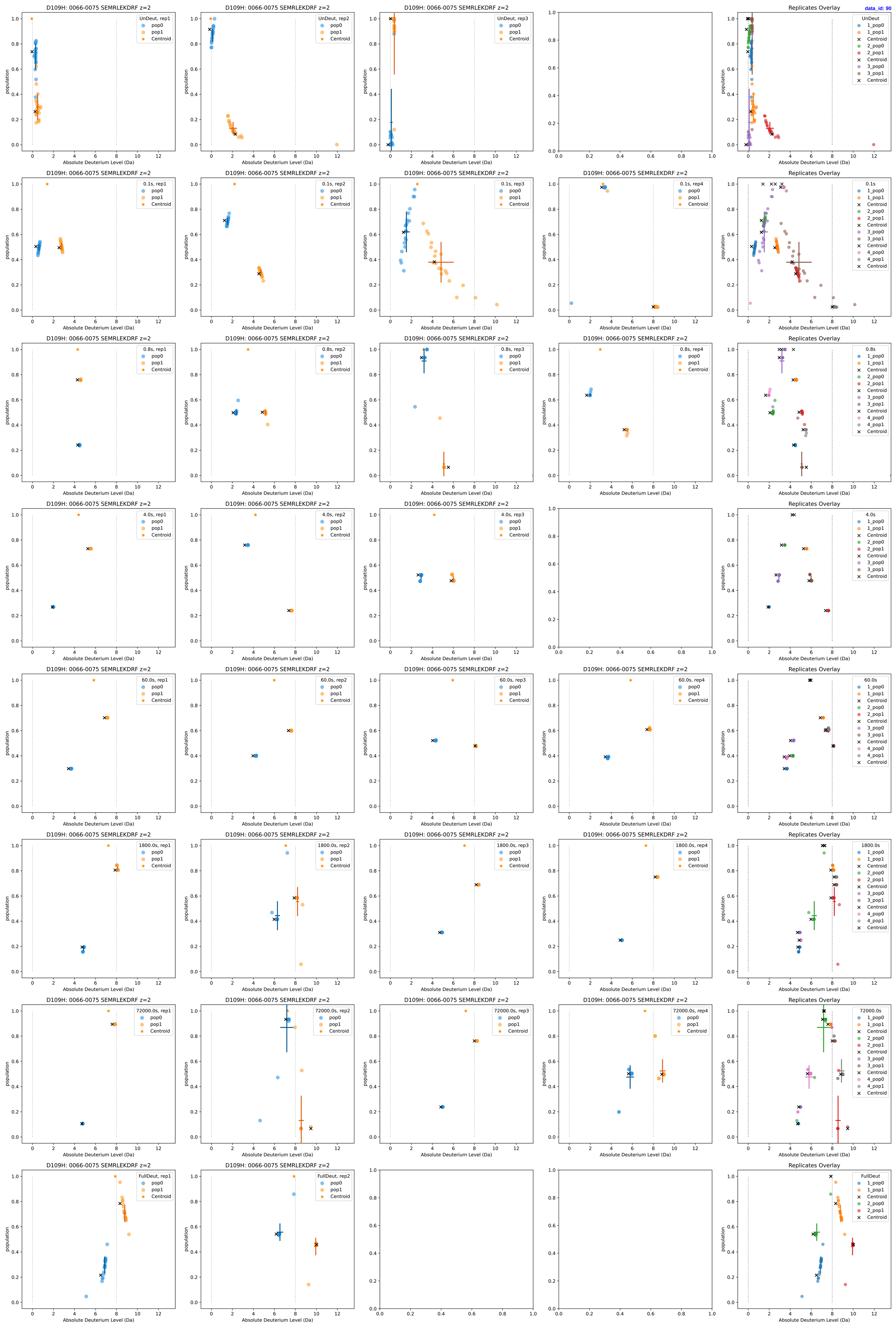
data_id: 87

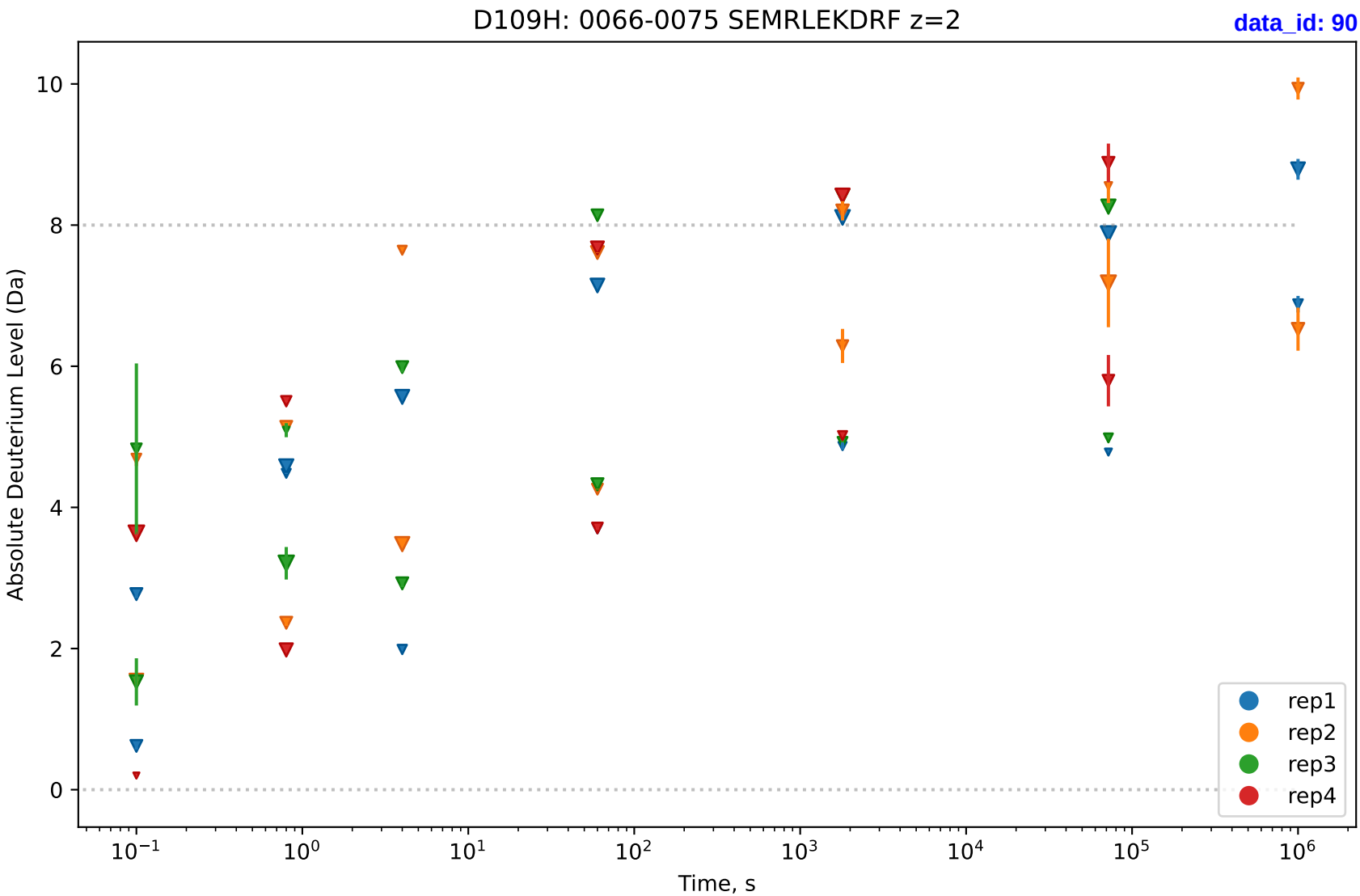
D109H: 0061-0075 FDTGLSEMRLEKDRF z=3
Env res: 0.90
data UnDeut, rep 1
fit sum N=2
pop1 = 0.12
Dabs_1 = 0.0
m/z = 615.71
pop2 = 0.88
Dabs_2 = 0.1
m/z = 619.41
m/z = 615.70
Env res: 0.92
data UnDeut, rep 2
fit sum N=2
pop1 = 0.99
Dabs_1 = 0.0
m/z = 615.69
pop2 = 0.01
Dabs_2 = 13.5
m/z = 618.47
m/z = 615.72
Env res: 0.86
data UnDeut, rep 3
fit sum N=2
pop1 = 0.89
Dabs_1 = 0.0
m/z = 615.70
pop2 = 0.11
Dabs_2 = 12.9
m/z = 618.65
m/z = 615.72
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 0.94
data 0.1s, rep 1
fit sum N=2
pop1 = 0.71
Dabs_1 = 2.3
m/z = 616.20
pop2 = 0.29
Dabs_2 = 3.1
m/z = 616.32
m/z = 616.24
Env res: 1.16
data 0.1s, rep 2
fit sum N=2
pop1 = 0.32
Dabs_1 = 1.1
m/z = 615.93
pop2 = 0.68
Dabs_2 = 5.4
m/z = 616.80
m/z = 616.67
Env res: 1.30
data 0.1s, rep 3
fit sum N=2
pop1 = 0.28
Dabs_1 = 1.0
m/z = 615.88
pop2 = 0.72
Dabs_2 = 6.0
m/z = 616.93
m/z = 616.68
Env res: 1.16
data 0.1s, rep 4
fit sum N=2
pop1 = 0.18
Dabs_1 = 0.9
m/z = 615.69
pop2 = 0.82
Dabs_2 = 8.2
m/z = 616.99
m/z = 616.99
Replicates Overlay
data 0.1s
rep 1
rep 2
rep 3
rep 4
Env res: 1.51
data 0.8s, rep 1
fit sum N=2
pop1 = 0.11
Dabs_1 = 3.2
m/z = 616.37
pop2 = 0.89
Dabs_2 = 8.6
m/z = 617.46
m/z = 617.36
Env res: 1.27
data 0.8s, rep 2
fit sum N=2
pop1 = 0.93
Dabs_1 = 6.8
m/z = 617.10
pop2 = 0.07
Dabs_2 = 13.1
m/z = 618.38
m/z = 617.19
Env res: 1.29
data 0.8s, rep 3
fit sum N=2
pop1 = 0.08
Dabs_1 = 2.0
m/z = 616.10
pop2 = 0.92
Dabs_2 = 6.7
m/z = 617.07
m/z = 616.99
Env res: 1.26
data 0.8s, rep 4
fit sum N=2
pop1 = 0.83
Dabs_1 = 4.8
m/z = 616.69
pop2 = 0.17
Dabs_2 = 10.1
m/z = 617.84
m/z = 616.88
Replicates Overlay
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 1.28
data 4.0s, rep 1
fit sum N=2
pop1 = 0.02
Dabs_1 = 0.5
m/z = 615.80
pop2 = 0.98
Dabs_2 = 8.2
m/z = 617.38
m/z = 617.38
Env res: 1.27
data 4.0s, rep 2
fit sum N=2
pop1 = 0.90
Dabs_1 = 7.6
m/z = 617.28
pop2 = 0.10
Dabs_2 = 14.1
m/z = 618.75
m/z = 617.36
Env res: 1.25
data 4.0s, rep 3
fit sum N=2
pop1 = 0.14
Dabs_1 = 7.8
m/z = 617.38
pop2 = 0.86
Dabs_2 = 8.1
m/z = 617.36
m/z = 617.38
Replicates Overlay
data 4.0s
rep 1
rep 2
rep 3
Env res: 1.28
data 60.0s, rep 1
fit sum N=2
pop1 = 0.12
Dabs_1 = 9.7
m/z = 616.24
pop2 = 0.88
Dabs_2 = 10.5
m/z = 617.88
m/z = 617.85
Env res: 1.32
data 60.0s, rep 2
fit sum N=2
pop1 = 0.07
Dabs_1 = 4.7
m/z = 616.70
pop2 = 0.93
Dabs_2 = 11.2
m/z = 617.88
m/z = 617.90
Env res: 1.27
data 60.0s, rep 3
fit sum N=2
pop1 = 0.02
Dabs_1 = 0.9
m/z = 615.87
pop2 = 0.98
Dabs_2 = 10.1
m/z = 617.78
m/z = 617.79
Env res: 1.30
data 60.0s, rep 4
fit sum N=2
pop1 = 0.68
Dabs_1 = 9.9
m/z = 616.27
pop2 = 0.32
Dabs_2 = 14.4
m/z = 617.81
m/z = 617.82
Replicates Overlay
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.21
data 1800.0s, rep 1
fit sum N=2
pop1 = 0.41
Dabs_1 = 11.1
m/z = 615.80
pop2 = 0.59
Dabs_2 = 12.4
m/z = 618.13
m/z = 618.14
Env res: 1.20
data 1800.0s, rep 2
fit sum N=2
pop1 = 0.94
Dabs_1 = 11.5
m/z = 616.14
pop2 = 0.06
Dabs_2 = 16.2
m/z = 618.12
m/z = 618.14
Env res: 1.18
data 1800.0s, rep 3
fit sum N=2
pop1 = 0.84
Dabs_1 = 11.0
m/z = 618.03
pop2 = 0.16
Dabs_2 = 12.9
m/z = 618.58
m/z = 618.09
Env res: 1.19
data 1800.0s, rep 4
fit sum N=2
pop1 = 0.93
Dabs_1 = 11.7
m/z = 615.94
pop2 = 0.07
Dabs_2 = 16.3
m/z = 618.14
m/z = 618.15
Replicates Overlay
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.22
data 72000.0s, rep 1
fit sum N=2
pop1 = 0.62
Dabs_1 = 11.3
m/z = 615.69
pop2 = 0.38
Dabs_2 = 14.7
m/z = 618.16
m/z = 618.22
Env res: 1.16
data 72000.0s, rep 2
fit sum N=2
pop1 = 0.02
Dabs_1 = 2.1
m/z = 616.12
pop2 = 0.98
Dabs_2 = 11.8
m/z = 618.13
m/z = 618.15
Env res: 1.19
data 72000.0s, rep 3
fit sum N=2
pop1 = 0.83
Dabs_1 = 11.3
m/z = 615.69
pop2 = 0.17
Dabs_2 = 13.7
m/z = 618.09
m/z = 618.10
Env res: 1.19
data 72000.0s, rep 4
fit sum N=2
pop1 = 0.02
Dabs_1 = 1.1
m/z = 615.95
pop2 = 0.98
Dabs_2 = 11.4
m/z = 618.05
m/z = 618.08
Replicates Overlay
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.25
data FullDeut, rep 1
fit sum N=2
pop1 = 0.65
Dabs_1 = 13.0
m/z = 617.05
pop2 = 0.35
Dabs_2 = 13.2
m/z = 618.41
m/z = 618.40
Env res: 1.15
data FullDeut, rep 2
fit sum N=2
pop1 = 0.01
Dabs_1 = 5.0
m/z = 616.74
pop2 = 0.99
Dabs_2 = 12.9
m/z = 618.36
m/z = 618.36
Replicates Overlay
data FullDeut
rep 1
rep 2
Intensity
m/z

data_id: 87
D109H: 0061-0075 FDTGLSEMRLEKDRF z=3
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
0.1s, rep1
0.1s, rep2
0.1s, rep3
0.1s, rep4
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
4.0s, rep1
4.0s, rep2
4.0s, rep3
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, rep4
1800.0s, rep1
1800.0s, rep2
1800.0s, rep3
1800.0s, rep4
72000.0s, rep1
72000.0s, rep2
72000.0s, rep3
72000.0s, rep4
FullDeut, rep1
FullDeut, rep2
Replicates Overlay
UnDeut
0.1s
0.8s
4.0s
60.0s
1800.0s
72000.0s
FullDeut
1_pop0
1_pop1
2_pop0
2_pop1
3_pop0
3_pop1
4_pop0
4_pop1
pop0
pop1
Centroid
population
Absolute Deuterium Level (Da)

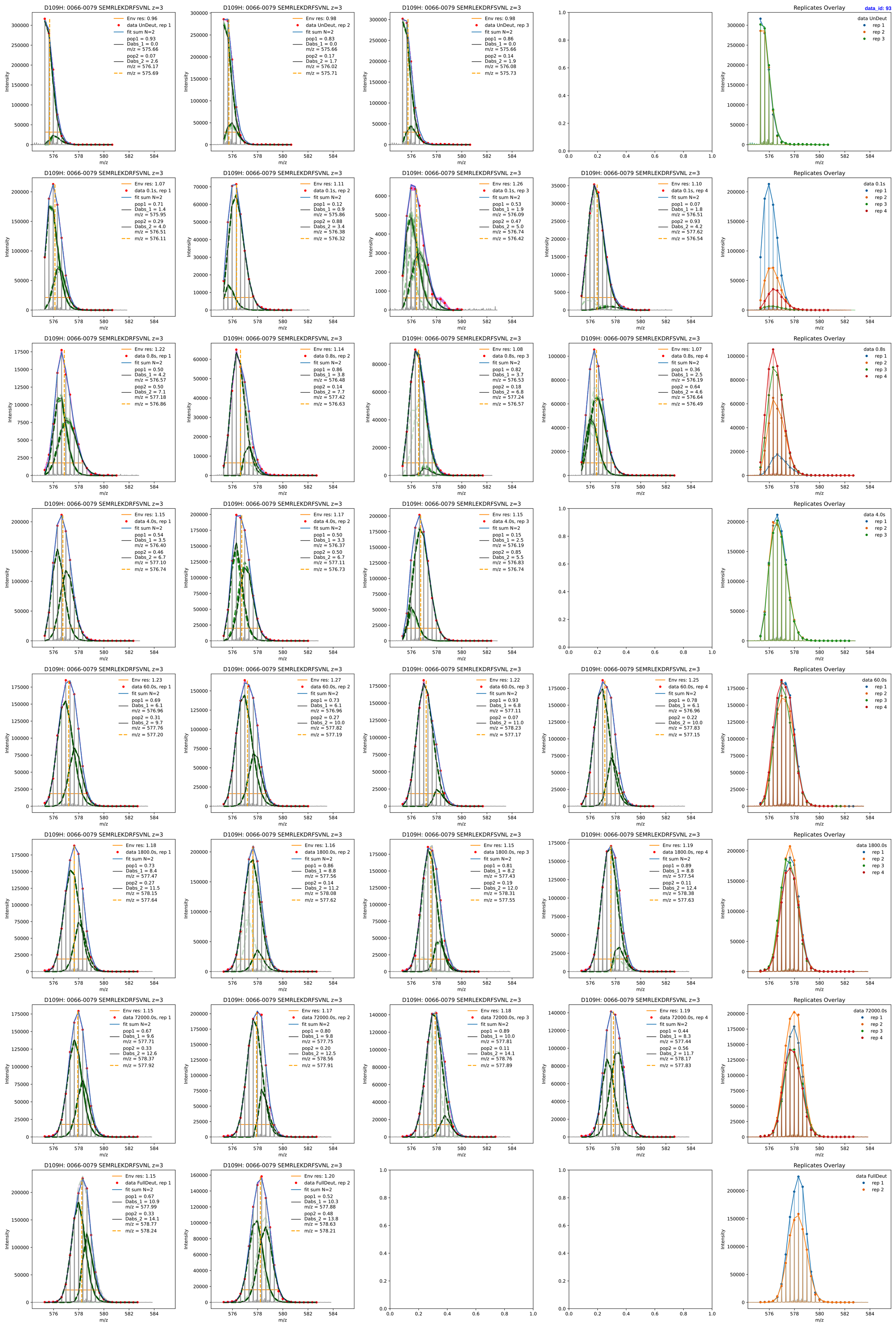

D109H: 0061-0075 FDTGLSEMRLEKDRF z=3
data_id: 87
Absolute Deuterium Level (Da)
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
10^{-1}
10^{0}
10^{1}
10^{2}
10^{3}
10^{4}
10^{5}
10^{6}
Time, s
rep1
rep2
rep3
rep4

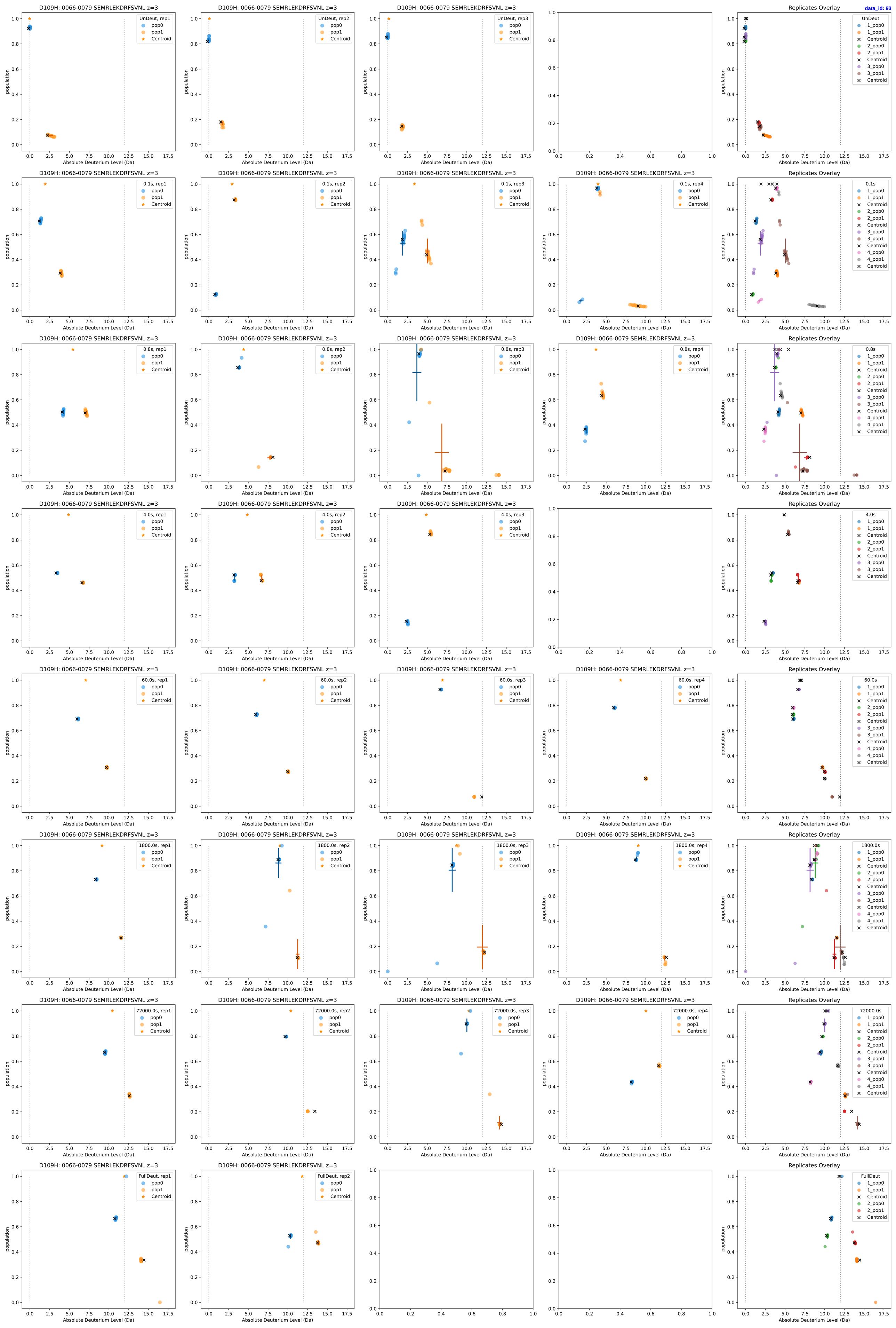

data_id: 90
D109H: 0066-0075 SEMRLEKDRF z=2
Env res: 0.83
data UnDeut, rep 1
fit sum N=2
pop1 = 0.70
Dabs_1 = 0.3
m/z = 656.33
pop2 = 0.30
Dabs_2 = 0.5
m/z = 656.42
m/z = 656.32
Env res: 0.84
data UnDeut, rep 2
pop1 = 0.87
Dabs_1 = 0.1
m/z = 656.29
pop2 = 0.13
Dabs_2 = 2.1
m/z = 657.00
Env res: 0.86
data UnDeut, rep 3
pop1 = 0.18
Dabs_1 = 0.1
m/z = 656.28
pop2 = 0.82
Dabs_2 = 0.4
m/z = 656.35
m/z = 656.33
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 1.06
data 0.1s, rep 1
pop1 = 0.49
Dabs_1 = 0.6
m/z = 656.44
pop2 = 0.51
Dabs_2 = 2.8
m/z = 657.08
m/z = 656.75
Env res: 1.02
data 0.1s, rep 2
pop1 = 0.70
Dabs_1 = 1.5
m/z = 656.71
pop2 = 0.30
Dabs_2 = 4.7
m/z = 657.67
m/z = 656.99
Env res: 1.09
data 0.1s, rep 3
pop1 = 0.62
Dabs_1 = 1.5
m/z = 656.71
pop2 = 0.38
Dabs_2 = 4.8
m/z = 657.57
m/z = 657.09
Env res: 1.03
data 0.1s, rep 4
pop1 = 0.05
Dabs_1 = 0.2
m/z = 657.25
pop2 = 0.95
Dabs_2 = 3.6
m/z = 658.68
m/z = 657.28
data 0.1s
rep 1
rep 2
rep 3
rep 4
Env res: 0.97
data 0.8s, rep 1
pop1 = 0.24
Dabs_1 = 4.5
m/z = 657.61
pop2 = 0.76
Dabs_2 = 4.6
m/z = 657.60
m/z = 657.60
Env res: 0.91
data 0.8s, rep 2
pop1 = 0.50
Dabs_1 = 2.4
m/z = 656.95
pop2 = 0.50
Dabs_2 = 5.1
m/z = 657.76
m/z = 657.36
Env res: 0.94
data 0.8s, rep 3
pop1 = 0.91
Dabs_1 = 3.2
m/z = 657.21
pop2 = 0.09
Dabs_2 = 5.1
m/z = 657.96
m/z = 657.27
Env res: 0.97
data 0.8s, rep 4
pop1 = 0.64
Dabs_1 = 2.0
m/z = 656.83
pop2 = 0.36
Dabs_2 = 5.5
m/z = 657.87
m/z = 657.21
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 1.03
data 4.0s, rep 1
pop1 = 0.27
Dabs_1 = 2.0
m/z = 656.90
pop2 = 0.73
Dabs_2 = 5.6
m/z = 657.89
m/z = 657.63
Env res: 1.02
data 4.0s, rep 2
pop1 = 0.76
Dabs_1 = 3.5
m/z = 657.27
pop2 = 0.24
Dabs_2 = 7.6
m/z = 658.50
m/z = 657.57
Env res: 0.99
data 4.0s, rep 3
pop1 = 0.51
Dabs_1 = 2.9
m/z = 657.12
pop2 = 0.49
Dabs_2 = 6.0
m/z = 658.04
m/z = 657.57
data 4.0s
rep 1
rep 2
rep 3
Env res: 1.08
data 60.0s, rep 1
pop1 = 0.30
Dabs_1 = 3.7
m/z = 657.35
pop2 = 0.70
Dabs_2 = 7.1
m/z = 658.35
m/z = 658.06
Env res: 1.09
data 60.0s, rep 2
pop1 = 0.40
Dabs_1 = 4.3
m/z = 657.50
pop2 = 0.60
Dabs_2 = 7.6
m/z = 658.49
m/z = 658.09
Env res: 1.10
data 60.0s, rep 3
pop1 = 0.52
Dabs_1 = 4.3
m/z = 657.52
pop2 = 0.48
Dabs_2 = 8.1
m/z = 658.71
m/z = 658.08
Env res: 1.10
data 60.0s, rep 4
pop1 = 0.39
Dabs_1 = 3.7
m/z = 657.35
pop2 = 0.61
Dabs_2 = 7.7
m/z = 658.51
m/z = 658.05
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.02
data 1800.0s, rep 1
pop1 = 0.18
Dabs_1 = 4.9
m/z = 657.73
pop2 = 0.82
Dabs_2 = 8.1
m/z = 658.65
m/z = 658.46
Env res: 1.02
data 1800.0s, rep 2
pop1 = 0.44
Dabs_1 = 6.3
m/z = 658.09
pop2 = 0.56
Dabs_2 = 8.2
m/z = 658.65
m/z = 658.42
Env res: 1.04
data 1800.0s, rep 3
pop1 = 0.31
Dabs_1 = 4.9
m/z = 657.72
pop2 = 0.69
Dabs_2 = 8.4
m/z = 658.74
m/z = 658.41
Env res: 1.01
data 1800.0s, rep 4
pop1 = 0.25
Dabs_1 = 5.0
m/z = 657.76
pop2 = 0.75
Dabs_2 = 8.4
m/z = 658.74
m/z = 658.48
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.02
data 72000.0s, rep 1
pop1 = 0.11
Dabs_1 = 4.8
m/z = 657.72
pop2 = 0.89
Dabs_2 = 7.9
m/z = 658.57
m/z = 658.46
Env res: 1.02
data 72000.0s, rep 2
pop1 = 0.87
Dabs_1 = 7.2
m/z = 658.42
pop2 = 0.13
Dabs_2 = 8.6
m/z = 659.12
m/z = 658.47
Env res: 1.01
data 72000.0s, rep 3
pop1 = 0.24
Dabs_1 = 5.0
m/z = 657.75
pop2 = 0.76
Dabs_2 = 8.3
m/z = 658.69
m/z = 658.45
Env res: 0.99
data 72000.0s, rep 4
pop1 = 0.48
Dabs_1 = 5.8
m/z = 658.00
pop2 = 0.52
Dabs_2 = 8.9
m/z = 658.92
m/z = 658.45
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 0.99
data FullDeut, rep 1
pop1 = 0.30
Dabs_1 = 6.9
m/z = 658.25
pop2 = 0.70
Dabs_2 = 8.8
m/z = 658.78
m/z = 658.65
Env res: 1.00
data FullDeut, rep 2
pop1 = 0.56
Dabs_1 = 6.5
m/z = 658.15
pop2 = 0.44
Dabs_2 = 9.9
m/z = 659.28
m/z = 658.65
data FullDeut
rep 1
rep 2
Intensity
m/z

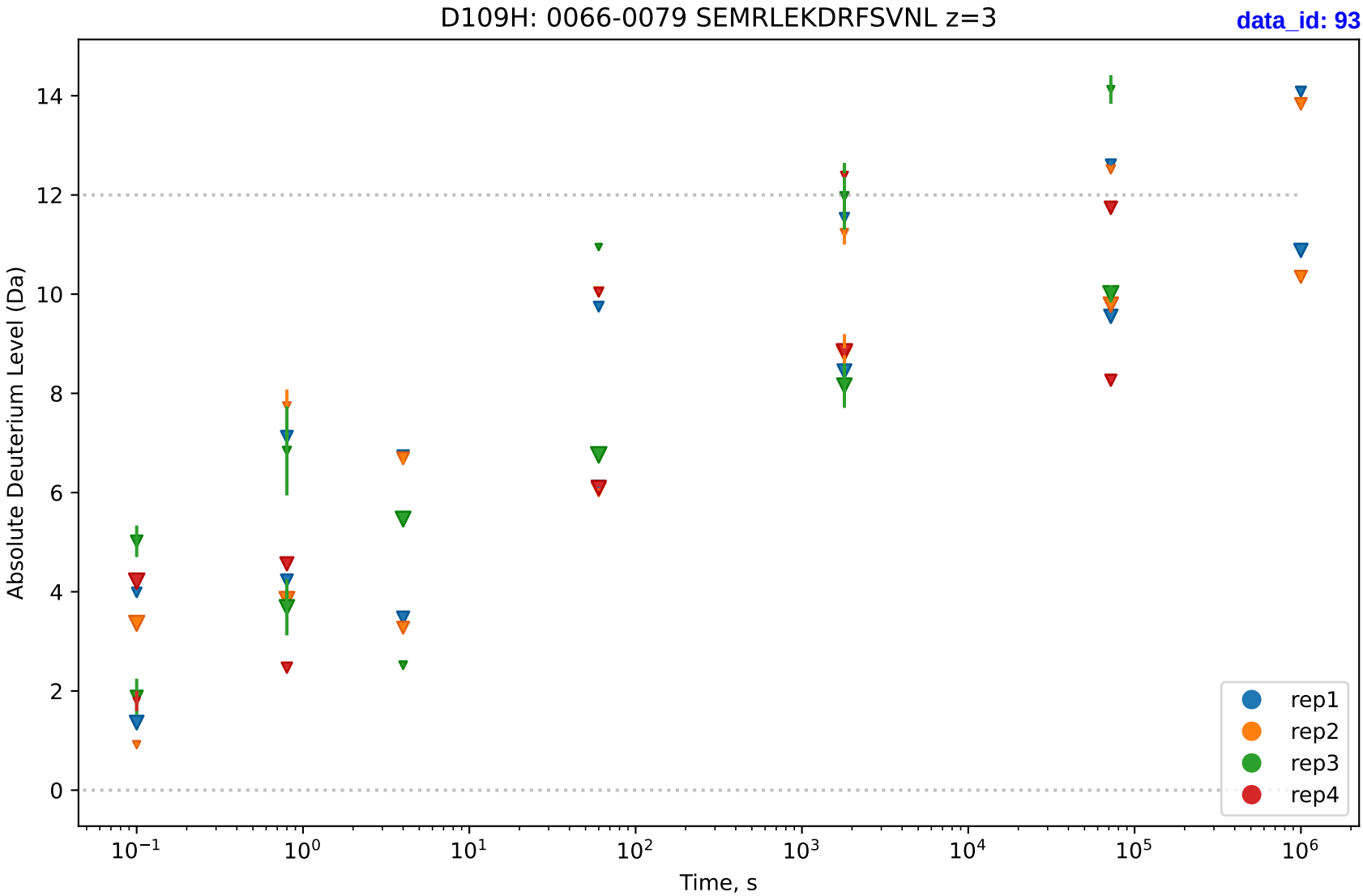

data_id: 90
D109H: 0066-0075 SEMRLEKDRF z=2
Replicates Overlay
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
UnDeut
0.1s, rep1
0.1s, rep2
0.1s, rep3
0.1s, rep4
0.1s
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
0.8s
4.0s, rep1
4.0s, rep2
4.0s, rep3
4.0s
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, rep4
60.0s
1800.0s, rep1
1800.0s, rep2
1800.0s, rep3
1800.0s, rep4
1800.0s
72000.0s, rep1
72000.0s, rep2
72000.0s, rep3
72000.0s, rep4
72000.0s
FullDeut, rep1
FullDeut, rep2
FullDeut
pop0
pop1
Centroid
1_pop0
1_pop1
2_pop0
2_pop1
3_pop0
3_pop1
4_pop0
4_pop1
population
Absolute Deuterium Level (Da)


D109H: 0066-0075 SEMRLEKDRF z=2
data_id: 90
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4

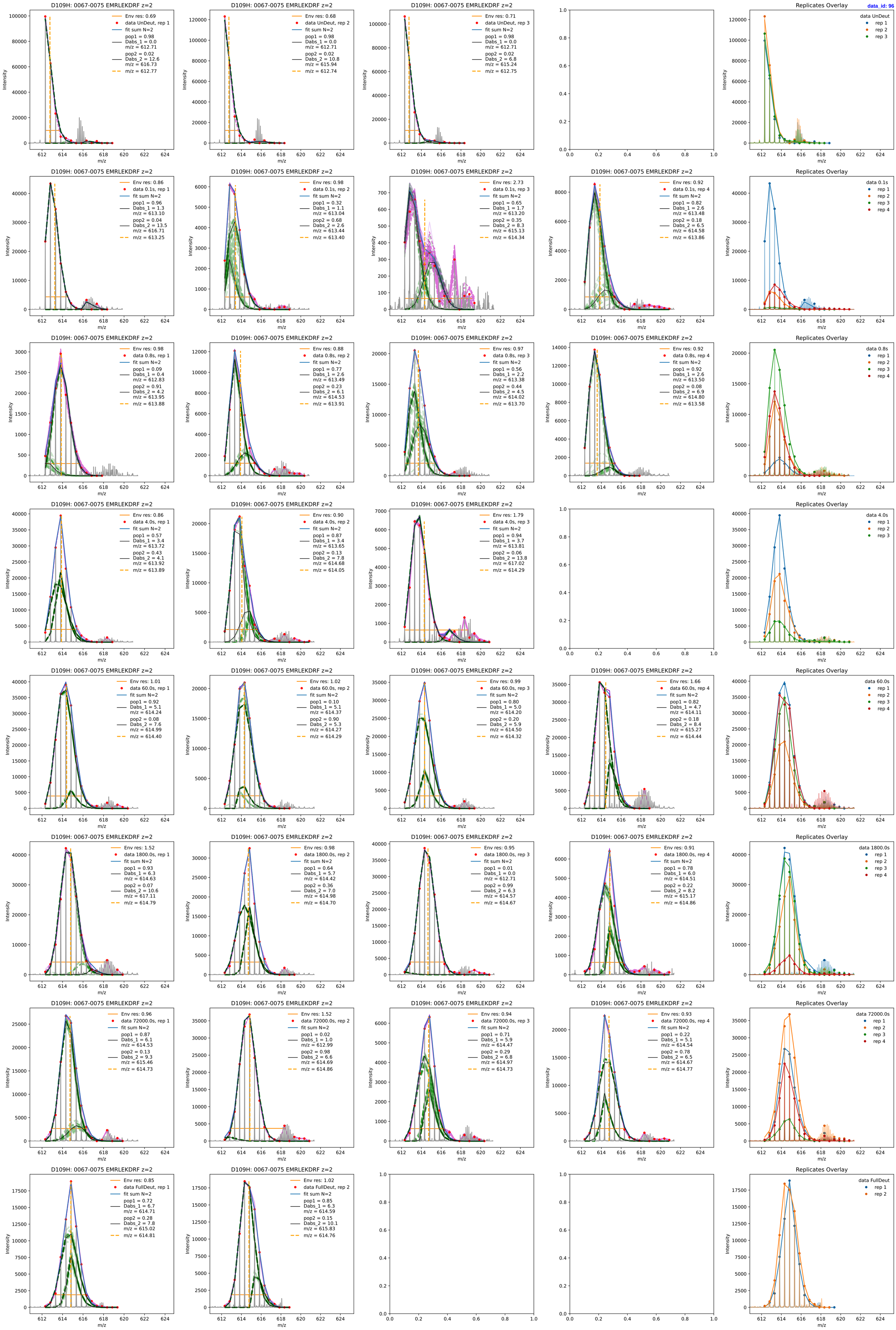
data_id: 93

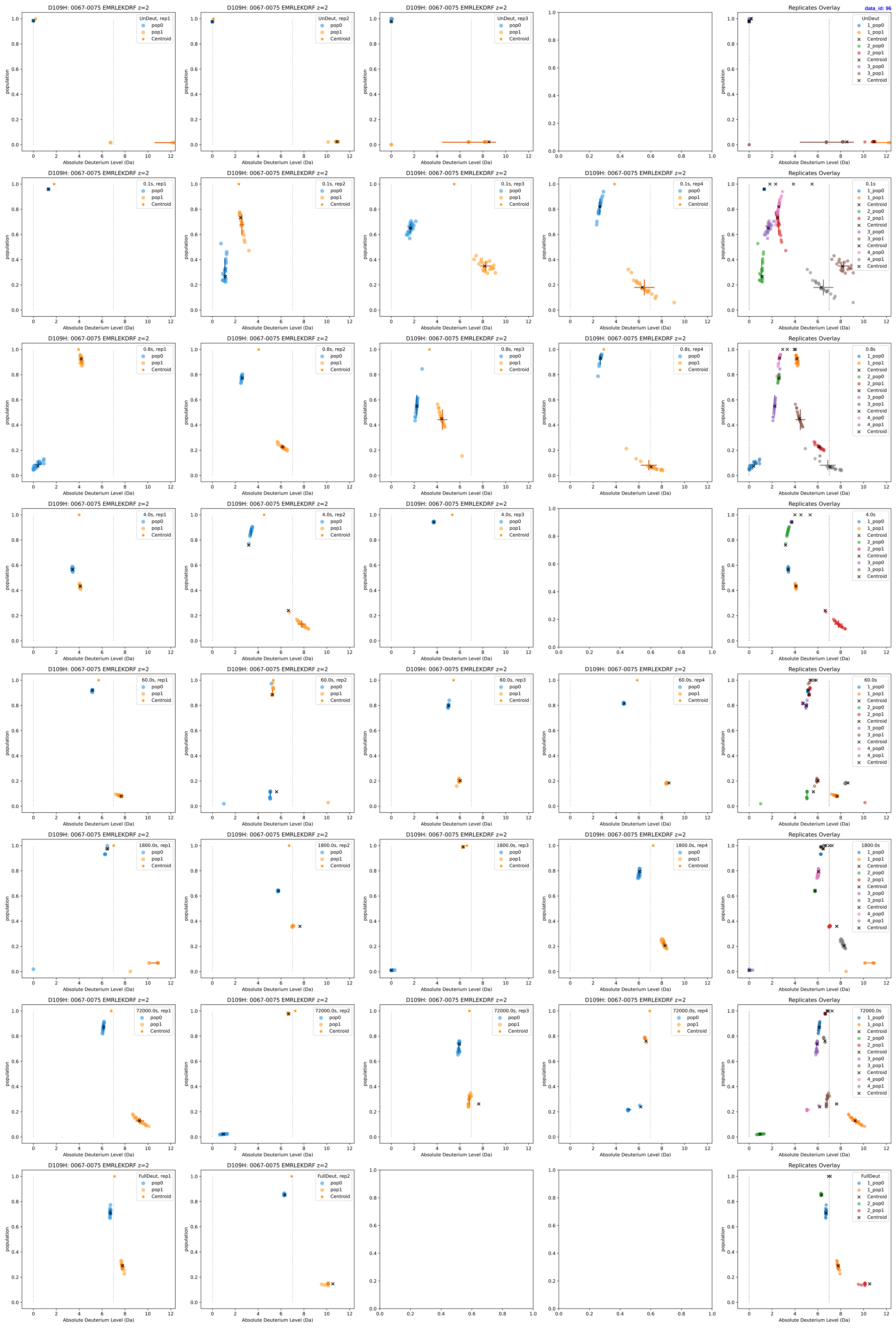

D109H: 0066-0079 SEMRLEKDRFSVNL z=3
Env res: 0.96
data UnDeut, rep 1
fit sum N=2
pop1 = 0.93
Dabs_1 = 0.0
m/z = 575.66
pop2 = 0.07
Dabs_2 = 2.6
m/z = 576.17
m/z = 575.69
Env res: 0.98
data UnDeut, rep 2
fit sum N=2
pop1 = 0.83
Dabs_1 = 0.0
m/z = 575.66
pop2 = 0.17
Dabs_2 = 1.7
m/z = 576.02
m/z = 575.71
Env res: 0.98
data UnDeut, rep 3
fit sum N=2
pop1 = 0.86
Dabs_1 = 0.0
m/z = 575.66
pop2 = 0.14
Dabs_2 = 1.9
m/z = 576.08
m/z = 575.73
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 1.07
data 0.1s, rep 1
fit sum N=2
pop1 = 0.71
Dabs_1 = 1.4
m/z = 575.95
pop2 = 0.29
Dabs_2 = 4.0
m/z = 576.51
m/z = 576.11
Env res: 1.11
data 0.1s, rep 2
fit sum N=2
pop1 = 0.12
Dabs_1 = 0.9
m/z = 575.86
pop2 = 0.88
Dabs_2 = 3.4
m/z = 576.38
m/z = 576.32
Env res: 1.26
data 0.1s, rep 3
fit sum N=2
pop1 = 0.53
Dabs_1 = 1.9
m/z = 576.09
pop2 = 0.47
Dabs_2 = 5.0
m/z = 576.74
m/z = 576.42
Env res: 1.10
data 0.1s, rep 4
fit sum N=2
pop1 = 0.07
Dabs_1 = 1.8
m/z = 576.51
pop2 = 0.93
Dabs_2 = 4.2
m/z = 577.62
m/z = 576.54
Replicates Overlay
data 0.1s
rep 1
rep 2
rep 3
rep 4
Env res: 1.22
data 0.8s, rep 1
fit sum N=2
pop1 = 0.50
Dabs_1 = 4.2
m/z = 576.57
pop2 = 0.50
Dabs_2 = 7.1
m/z = 577.18
m/z = 576.86
Env res: 1.14
data 0.8s, rep 2
fit sum N=2
pop1 = 0.86
Dabs_1 = 3.8
m/z = 576.48
pop2 = 0.14
Dabs_2 = 7.7
m/z = 577.42
m/z = 576.63
Env res: 1.08
data 0.8s, rep 3
fit sum N=2
pop1 = 0.82
Dabs_1 = 3.7
m/z = 576.53
pop2 = 0.18
Dabs_2 = 6.8
m/z = 577.24
m/z = 576.57
Env res: 1.07
data 0.8s, rep 4
fit sum N=2
pop1 = 0.36
Dabs_1 = 2.5
m/z = 576.19
pop2 = 0.64
Dabs_2 = 4.6
m/z = 576.64
m/z = 576.49
Replicates Overlay
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 1.15
data 4.0s, rep 1
fit sum N=2
pop1 = 0.54
Dabs_1 = 3.5
m/z = 576.40
pop2 = 0.46
Dabs_2 = 6.7
m/z = 577.10
m/z = 576.74
Env res: 1.17
data 4.0s, rep 2
fit sum N=2
pop1 = 0.50
Dabs_1 = 3.3
m/z = 576.37
pop2 = 0.50
Dabs_2 = 6.7
m/z = 577.11
m/z = 576.73
Env res: 1.15
data 4.0s, rep 3
fit sum N=2
pop1 = 0.15
Dabs_1 = 2.5
m/z = 576.19
pop2 = 0.85
Dabs_2 = 5.5
m/z = 576.83
m/z = 576.74
Replicates Overlay
data 4.0s
rep 1
rep 2
rep 3
Env res: 1.23
data 60.0s, rep 1
fit sum N=2
pop1 = 0.69
Dabs_1 = 6.1
m/z = 576.96
pop2 = 0.31
Dabs_2 = 9.7
m/z = 577.76
m/z = 577.20
Env res: 1.27
data 60.0s, rep 2
fit sum N=2
pop1 = 0.73
Dabs_1 = 6.1
m/z = 576.96
pop2 = 0.27
Dabs_2 = 10.0
m/z = 577.82
m/z = 577.19
Env res: 1.22
data 60.0s, rep 3
fit sum N=2
pop1 = 0.93
Dabs_1 = 6.8
m/z = 577.11
pop2 = 0.07
Dabs_2 = 11.0
m/z = 578.23
m/z = 577.17
Env res: 1.25
data 60.0s, rep 4
fit sum N=2
pop1 = 0.78
Dabs_1 = 6.1
m/z = 576.96
pop2 = 0.22
Dabs_2 = 10.0
m/z = 577.83
m/z = 577.15
Replicates Overlay
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.18
data 1800.0s, rep 1
fit sum N=2
pop1 = 0.73
Dabs_1 = 8.4
m/z = 577.47
pop2 = 0.27
Dabs_2 = 11.5
m/z = 578.15
m/z = 577.64
Env res: 1.16
data 1800.0s, rep 2
fit sum N=2
pop1 = 0.86
Dabs_1 = 8.8
m/z = 577.56
pop2 = 0.14
Dabs_2 = 11.2
m/z = 578.08
m/z = 577.62
Env res: 1.15
data 1800.0s, rep 3
fit sum N=2
pop1 = 0.81
Dabs_1 = 8.2
m/z = 577.43
pop2 = 0.19
Dabs_2 = 12.0
m/z = 578.31
m/z = 577.55
Env res: 1.19
data 1800.0s, rep 4
fit sum N=2
pop1 = 0.89
Dabs_1 = 8.8
m/z = 577.54
pop2 = 0.11
Dabs_2 = 12.4
m/z = 578.38
m/z = 577.63
Replicates Overlay
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.15
data 72000.0s, rep 1
fit sum N=2
pop1 = 0.67
Dabs_1 = 9.6
m/z = 577.71
pop2 = 0.33
Dabs_2 = 12.6
m/z = 578.37
m/z = 577.92
Env res: 1.17
data 72000.0s, rep 2
fit sum N=2
pop1 = 0.80
Dabs_1 = 9.8
m/z = 577.75
pop2 = 0.20
Dabs_2 = 12.5
m/z = 578.56
m/z = 577.91
Env res: 1.18
data 72000.0s, rep 3
fit sum N=2
pop1 = 0.89
Dabs_1 = 10.0
m/z = 577.81
pop2 = 0.11
Dabs_2 = 14.1
m/z = 578.76
m/z = 577.89
Env res: 1.19
data 72000.0s, rep 4
fit sum N=2
pop1 = 0.44
Dabs_1 = 8.3
m/z = 577.44
pop2 = 0.56
Dabs_2 = 11.7
m/z = 578.17
m/z = 577.83
Replicates Overlay
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.15
data FullDeut, rep 1
fit sum N=2
pop1 = 0.67
Dabs_1 = 10.9
m/z = 577.99
pop2 = 0.33
Dabs_2 = 14.1
m/z = 578.77
m/z = 578.24
Env res: 1.20
data FullDeut, rep 2
fit sum N=2
pop1 = 0.52
Dabs_1 = 10.3
m/z = 577.88
pop2 = 0.48
Dabs_2 = 13.8
m/z = 578.63
m/z = 578.21
Replicates Overlay
data FullDeut
rep 1
rep 2
Intensity
m/z

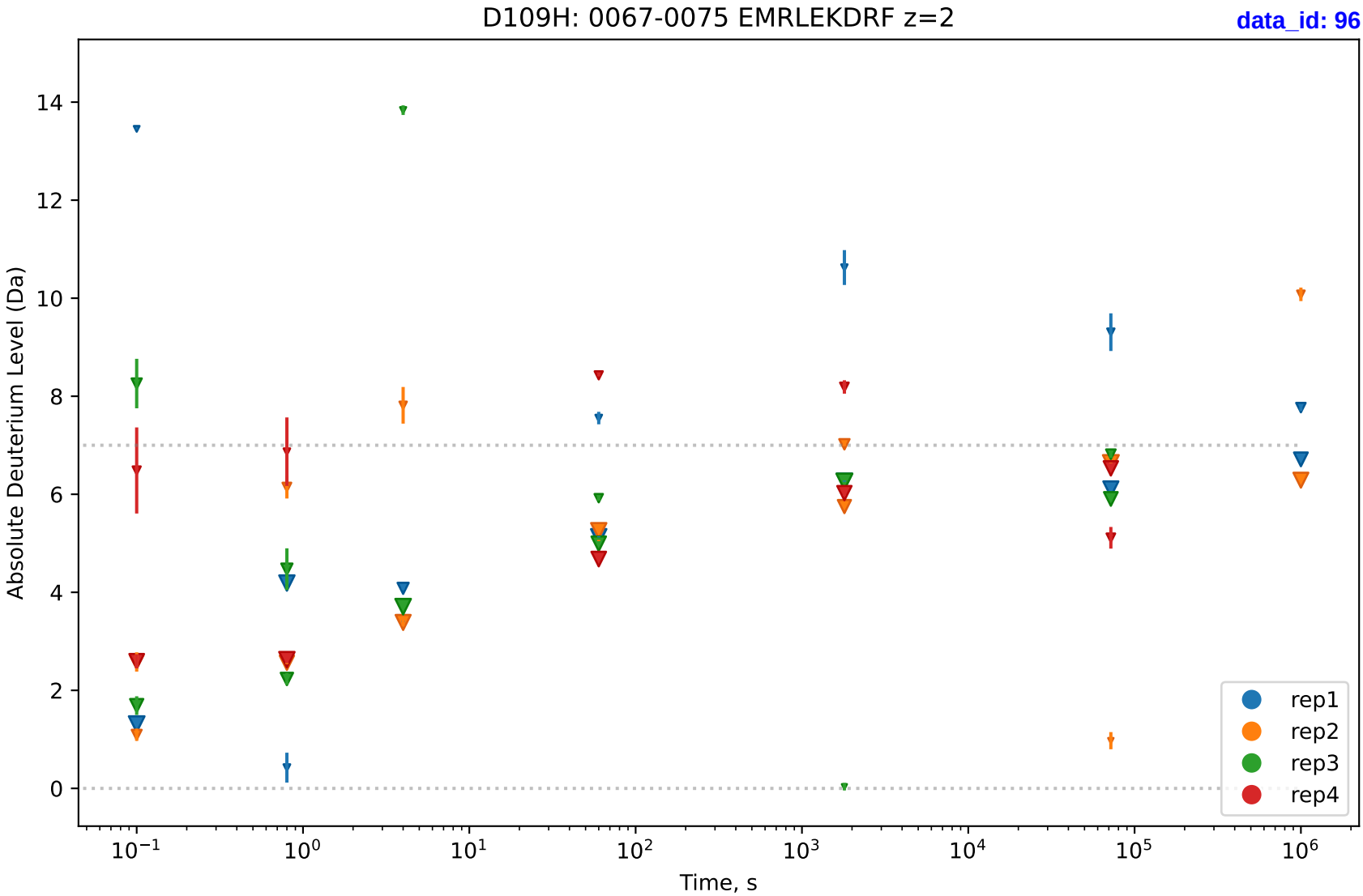

data_id: 93
D109H: 0066-0079 SEMRLEKDRFSVNL z=3
Replicates Overlay
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
UnDeut
0.1s, rep1
0.1s, rep2
0.1s, rep3
0.1s, rep4
0.1s
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
0.8s
4.0s, rep1
4.0s, rep2
4.0s, rep3
4.0s
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, rep4
60.0s
1800.0s, rep1
1800.0s, rep2
1800.0s, rep3
1800.0s, rep4
1800.0s
72000.0s, rep1
72000.0s, rep2
72000.0s, rep3
72000.0s, rep4
72000.0s
FullDeut, rep1
FullDeut, rep2
FullDeut
pop0
pop1
Centroid
1_pop0
1_pop1
2_pop0
2_pop1
3_pop0
3_pop1
4_pop0
4_pop1
population
Absolute Deuterium Level (Da)

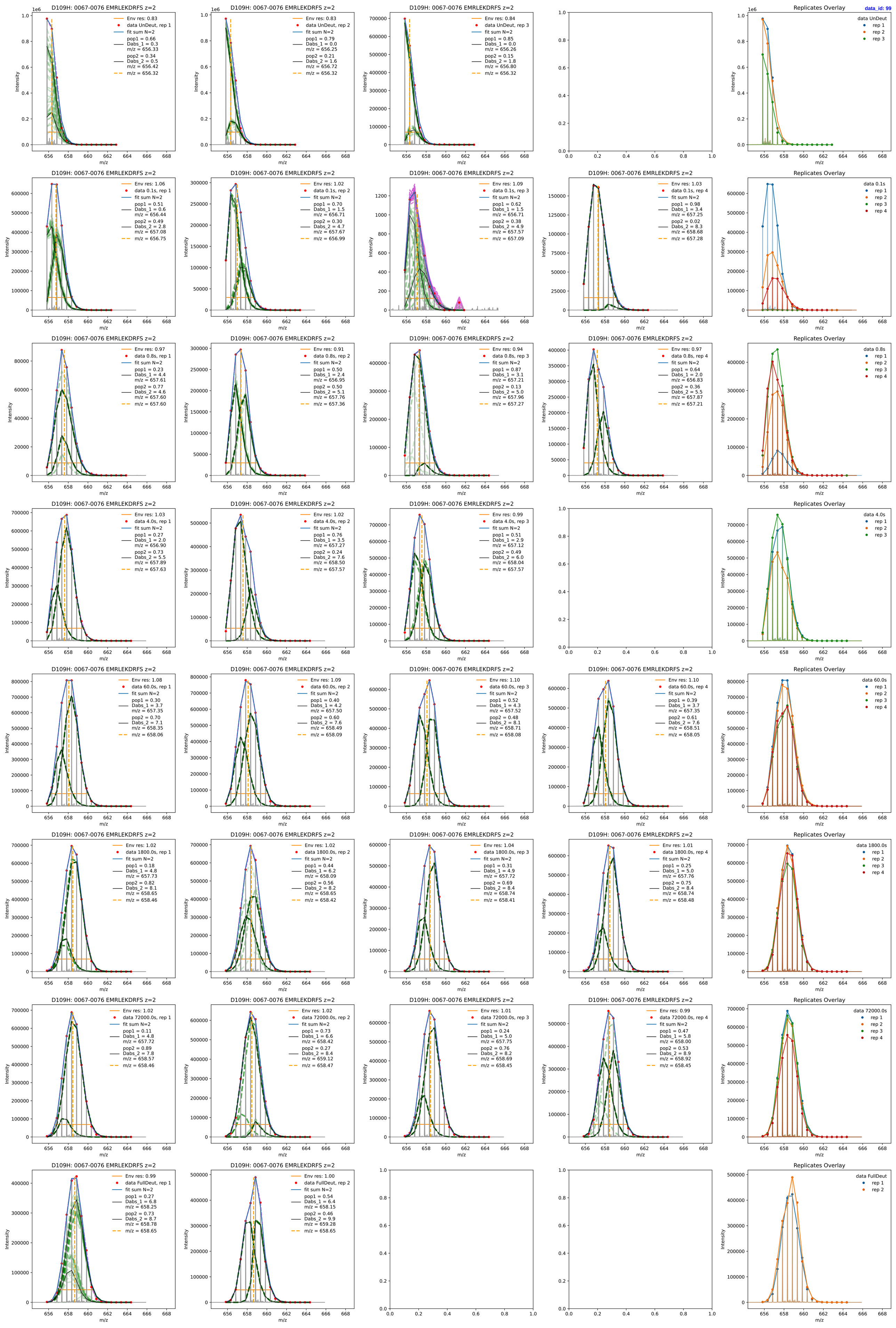

D109H: 0066-0079 SEMRLEKDRFSVNL z=3
data_id: 93
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4

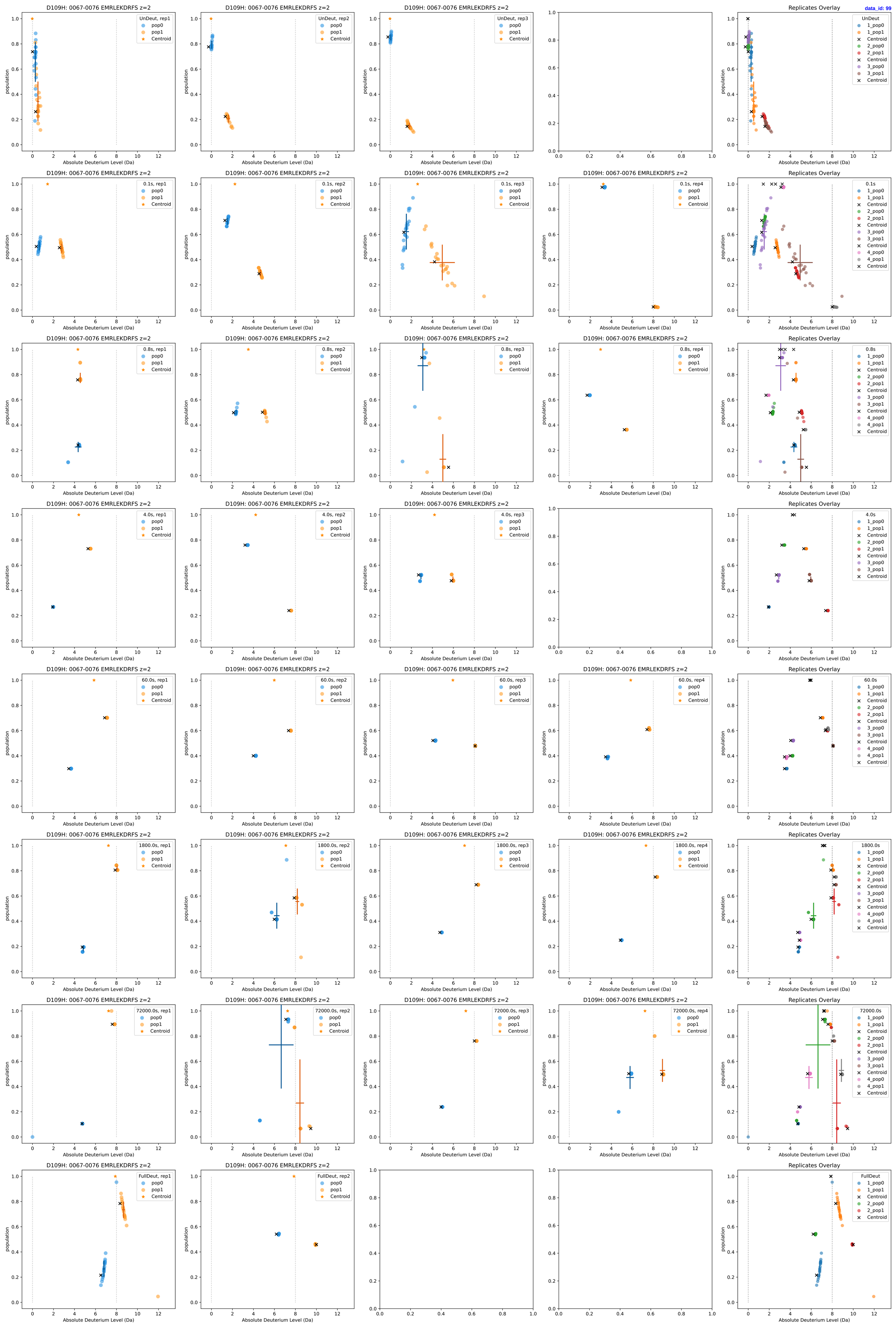
data_id: 96

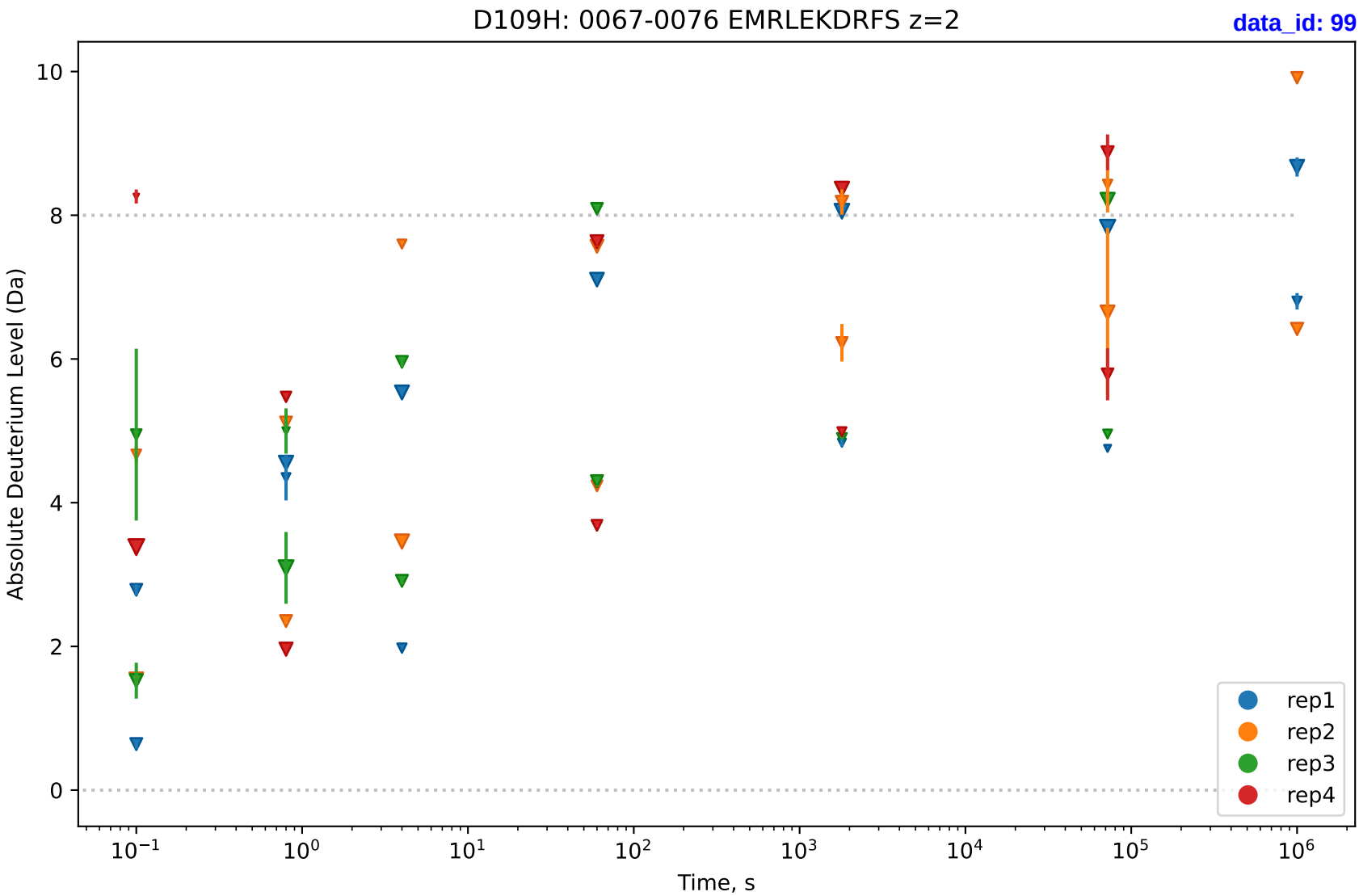

D109H: 0067-0075 EMRLEKDRF z=2
Env res: 0.69
data UnDeut, rep 1
fit sum N=2
pop1 = 0.98
Dabs_1 = 0.0
m/z = 612.71
pop2 = 0.02
Dabs_2 = 12.6
m/z = 616.73
m/z = 612.77
Env res: 0.68
data UnDeut, rep 2
fit sum N=2
pop1 = 0.98
Dabs_1 = 0.0
m/z = 612.71
pop2 = 0.02
Dabs_2 = 10.8
m/z = 615.94
m/z = 612.74
Env res: 0.71
data UnDeut, rep 3
fit sum N=2
pop1 = 0.98
Dabs_1 = 0.0
m/z = 612.71
pop2 = 0.02
Dabs_2 = 6.8
m/z = 615.24
m/z = 612.75
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 0.86
data 0.1s, rep 1
fit sum N=2
pop1 = 0.96
Dabs_1 = 1.3
m/z = 613.10
pop2 = 0.04
Dabs_2 = 13.5
m/z = 616.71
m/z = 613.25
Env res: 0.98
data 0.1s, rep 2
fit sum N=2
pop1 = 0.32
Dabs_1 = 1.1
m/z = 613.04
pop2 = 0.68
Dabs_2 = 2.6
m/z = 613.44
m/z = 613.40
Env res: 2.73
data 0.1s, rep 3
fit sum N=2
pop1 = 0.65
Dabs_1 = 1.7
m/z = 613.20
pop2 = 0.35
Dabs_2 = 8.3
m/z = 615.13
m/z = 614.34
Env res: 0.92
data 0.1s, rep 4
fit sum N=2
pop1 = 0.82
Dabs_1 = 2.6
m/z = 613.48
pop2 = 0.18
Dabs_2 = 6.5
m/z = 614.58
m/z = 613.86
Replicates Overlay
data 0.1s
rep 1
rep 2
rep 3
rep 4
Env res: 0.98
data 0.8s, rep 1
fit sum N=2
pop1 = 0.09
Dabs_1 = 0.4
m/z = 612.83
pop2 = 0.91
Dabs_2 = 4.2
m/z = 613.95
m/z = 613.88
Env res: 0.88
data 0.8s, rep 2
fit sum N=2
pop1 = 0.77
Dabs_1 = 2.6
m/z = 613.49
pop2 = 0.23
Dabs_2 = 6.1
m/z = 614.53
m/z = 613.91
Env res: 0.97
data 0.8s, rep 3
fit sum N=2
pop1 = 0.56
Dabs_1 = 2.2
m/z = 613.38
pop2 = 0.44
Dabs_2 = 4.5
m/z = 614.02
m/z = 613.70
Env res: 0.92
data 0.8s, rep 4
fit sum N=2
pop1 = 0.92
Dabs_1 = 2.6
m/z = 613.50
pop2 = 0.08
Dabs_2 = 6.9
m/z = 614.80
m/z = 613.58
Replicates Overlay
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 0.86
data 4.0s, rep 1
fit sum N=2
pop1 = 0.57
Dabs_1 = 3.4
m/z = 613.72
pop2 = 0.43
Dabs_2 = 4.1
m/z = 613.92
m/z = 613.89
Env res: 0.90
data 4.0s, rep 2
fit sum N=2
pop1 = 0.87
Dabs_1 = 3.4
m/z = 613.65
pop2 = 0.13
Dabs_2 = 7.8
m/z = 614.68
m/z = 614.05
Env res: 1.79
data 4.0s, rep 3
fit sum N=2
pop1 = 0.94
Dabs_1 = 3.7
m/z = 613.81
pop2 = 0.06
Dabs_2 = 13.8
m/z = 617.02
m/z = 614.29
Replicates Overlay
data 4.0s
rep 1
rep 2
rep 3
Env res: 1.01
data 60.0s, rep 1
fit sum N=2
pop1 = 0.92
Dabs_1 = 5.1
m/z = 614.24
pop2 = 0.08
Dabs_2 = 7.6
m/z = 614.99
m/z = 614.40
Env res: 1.02
data 60.0s, rep 2
fit sum N=2
pop1 = 0.10
Dabs_1 = 5.1
m/z = 614.37
pop2 = 0.90
Dabs_2 = 5.3
m/z = 614.27
m/z = 614.29
Env res: 0.99
data 60.0s, rep 3
fit sum N=2
pop1 = 0.80
Dabs_1 = 5.0
m/z = 614.20
pop2 = 0.20
Dabs_2 = 5.9
m/z = 614.50
m/z = 614.32
Env res: 1.66
data 60.0s, rep 4
fit sum N=2
pop1 = 0.82
Dabs_1 = 4.7
m/z = 614.11
pop2 = 0.18
Dabs_2 = 8.4
m/z = 615.27
m/z = 614.44
Replicates Overlay
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.52
data 1800.0s, rep 1
fit sum N=2
pop1 = 0.93
Dabs_1 = 6.3
m/z = 614.63
pop2 = 0.07
Dabs_2 = 10.6
m/z = 617.11
m/z = 614.79
Env res: 0.98
data 1800.0s, rep 2
fit sum N=2
pop1 = 0.64
Dabs_1 = 5.7
m/z = 614.42
pop2 = 0.36
Dabs_2 = 7.0
m/z = 614.98
m/z = 614.70
Env res: 0.95
data 1800.0s, rep 3
fit sum N=2
pop1 = 0.01
Dabs_1 = 0.0
m/z = 612.71
pop2 = 0.99
Dabs_2 = 6.3
m/z = 614.57
m/z = 614.67
Env res: 0.91
data 1800.0s, rep 4
fit sum N=2
pop1 = 0.78
Dabs_1 = 6.0
m/z = 614.51
pop2 = 0.22
Dabs_2 = 8.2
m/z = 615.17
m/z = 614.86
Replicates Overlay
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 0.96
data 72000.0s, rep 1
fit sum N=2
pop1 = 0.87
Dabs_1 = 6.1
m/z = 614.53
pop2 = 0.13
Dabs_2 = 9.3
m/z = 615.46
m/z = 614.73
Env res: 1.52
data 72000.0s, rep 2
fit sum N=2
pop1 = 0.02
Dabs_1 = 1.0
m/z = 612.99
pop2 = 0.98
Dabs_2 = 6.6
m/z = 614.69
m/z = 614.86
Env res: 0.94
data 72000.0s, rep 3
fit sum N=2
pop1 = 0.71
Dabs_1 = 5.9
m/z = 614.47
pop2 = 0.29
Dabs_2 = 6.8
m/z = 614.97
m/z = 614.73
Env res: 0.93
data 72000.0s, rep 4
fit sum N=2
pop1 = 0.22
Dabs_1 = 5.1
m/z = 614.54
pop2 = 0.78
Dabs_2 = 6.5
m/z = 614.67
m/z = 614.77
Replicates Overlay
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 0.85
data FullDeut, rep 1
fit sum N=2
pop1 = 0.72
Dabs_1 = 6.7
m/z = 614.71
pop2 = 0.28
Dabs_2 = 7.8
m/z = 615.02
m/z = 614.81
Env res: 1.02
data FullDeut, rep 2
fit sum N=2
pop1 = 0.85
Dabs_1 = 6.3
m/z = 614.59
pop2 = 0.15
Dabs_2 = 10.1
m/z = 615.83
m/z = 614.76
Replicates Overlay
data FullDeut
rep 1
rep 2
Intensity
m/z

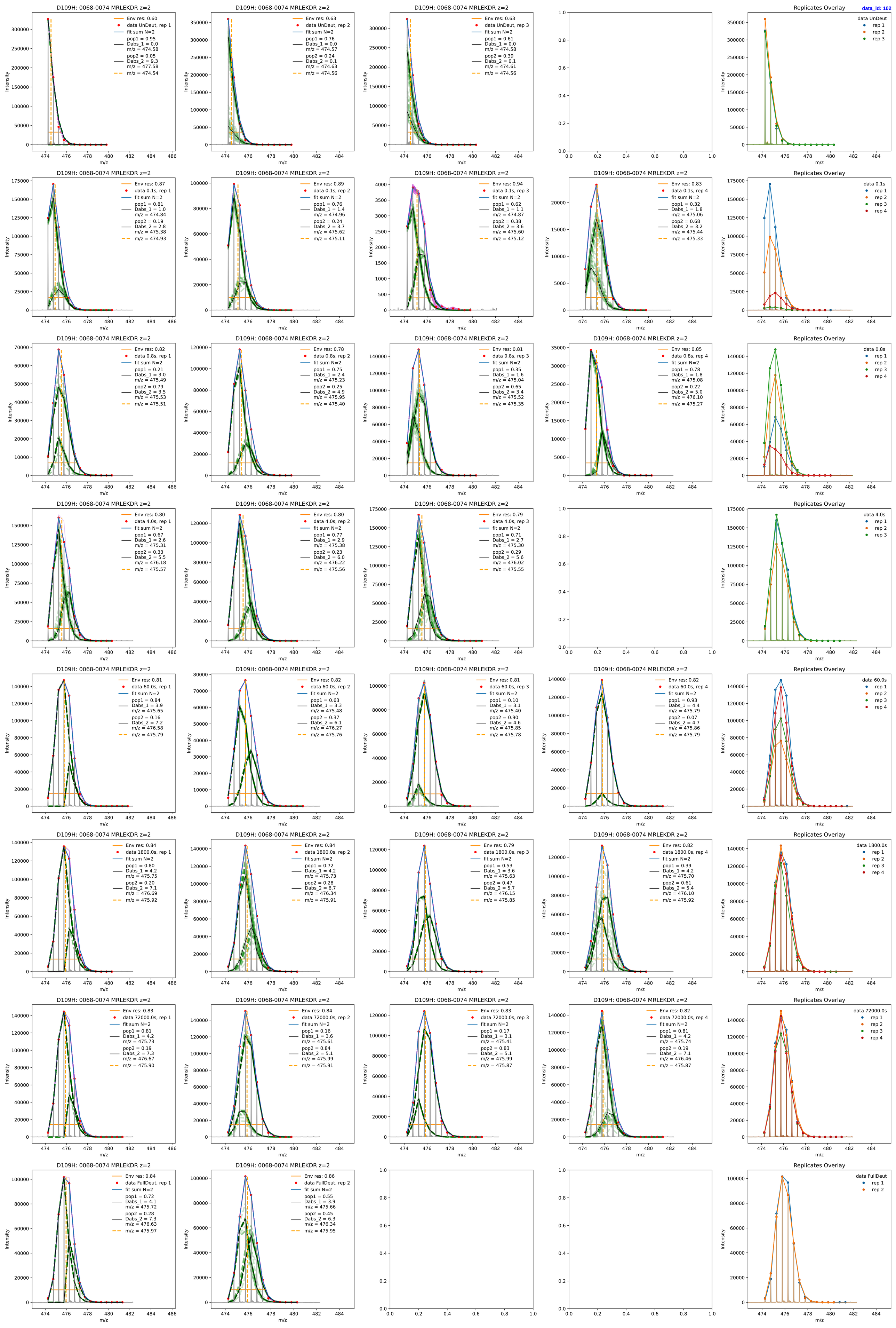

data_id: 96
D109H: 0067-0075 EMRLEKDRF z=2
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
Replicates Overlay
UnDeut
0.1s, rep1
0.1s, rep2
0.1s, rep3
0.1s, rep4
0.1s
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
0.8s
4.0s, rep1
4.0s, rep2
4.0s, rep3
4.0s
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, rep4
60.0s
1800.0s, rep1
1800.0s, rep2
1800.0s, rep3
1800.0s, rep4
1800.0s
72000.0s, rep1
72000.0s, rep2
72000.0s, rep3
72000.0s, rep4
72000.0s
FullDeut, rep1
FullDeut, rep2
FullDeut
pop0
pop1
Centroid
1_pop0
1_pop1
2_pop0
2_pop1
3_pop0
3_pop1
4_pop0
4_pop1
population
Absolute Deuterium Level (Da)

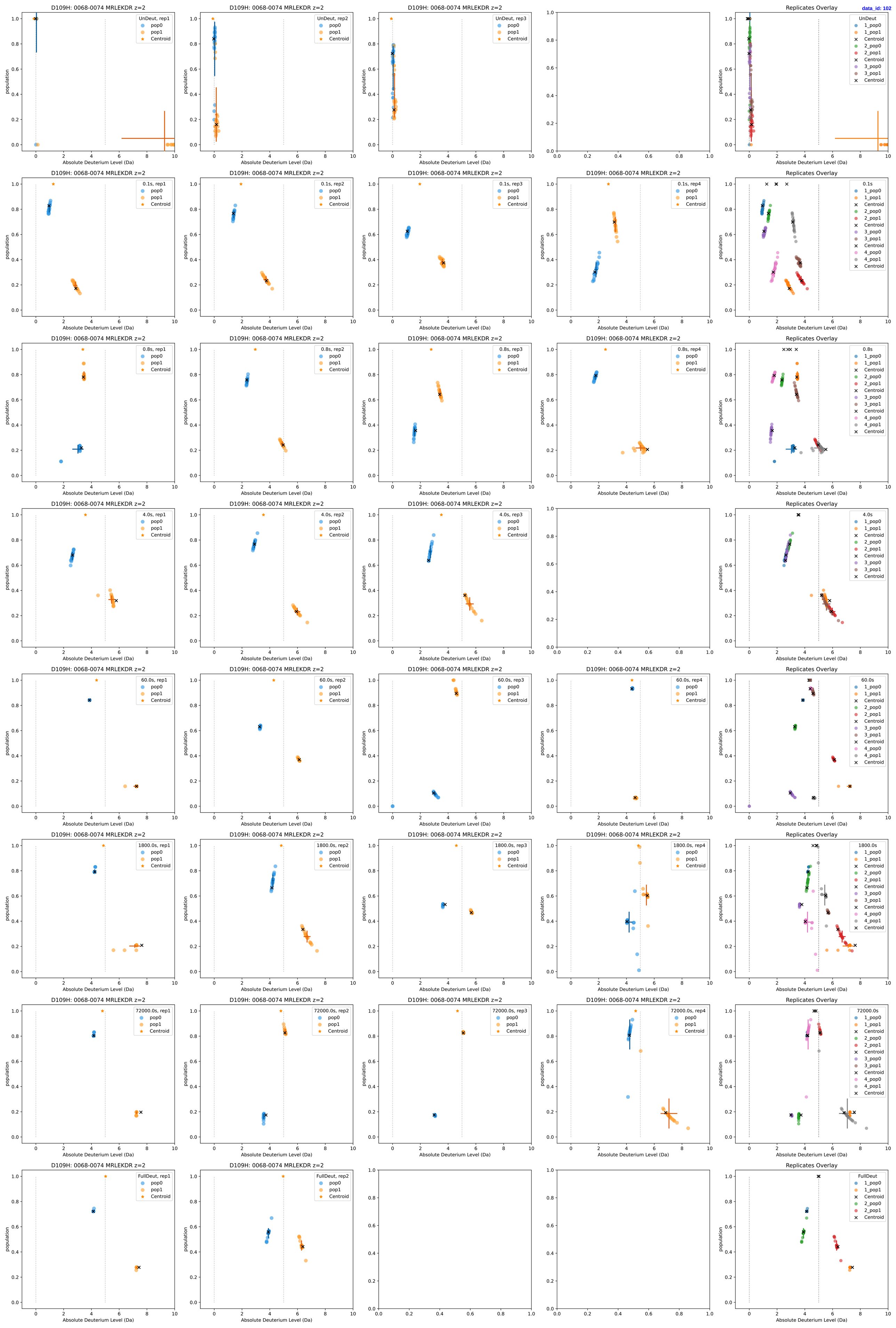

D109H: 0067-0075 EMRLEKDRF z=2
data_id: 96
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4

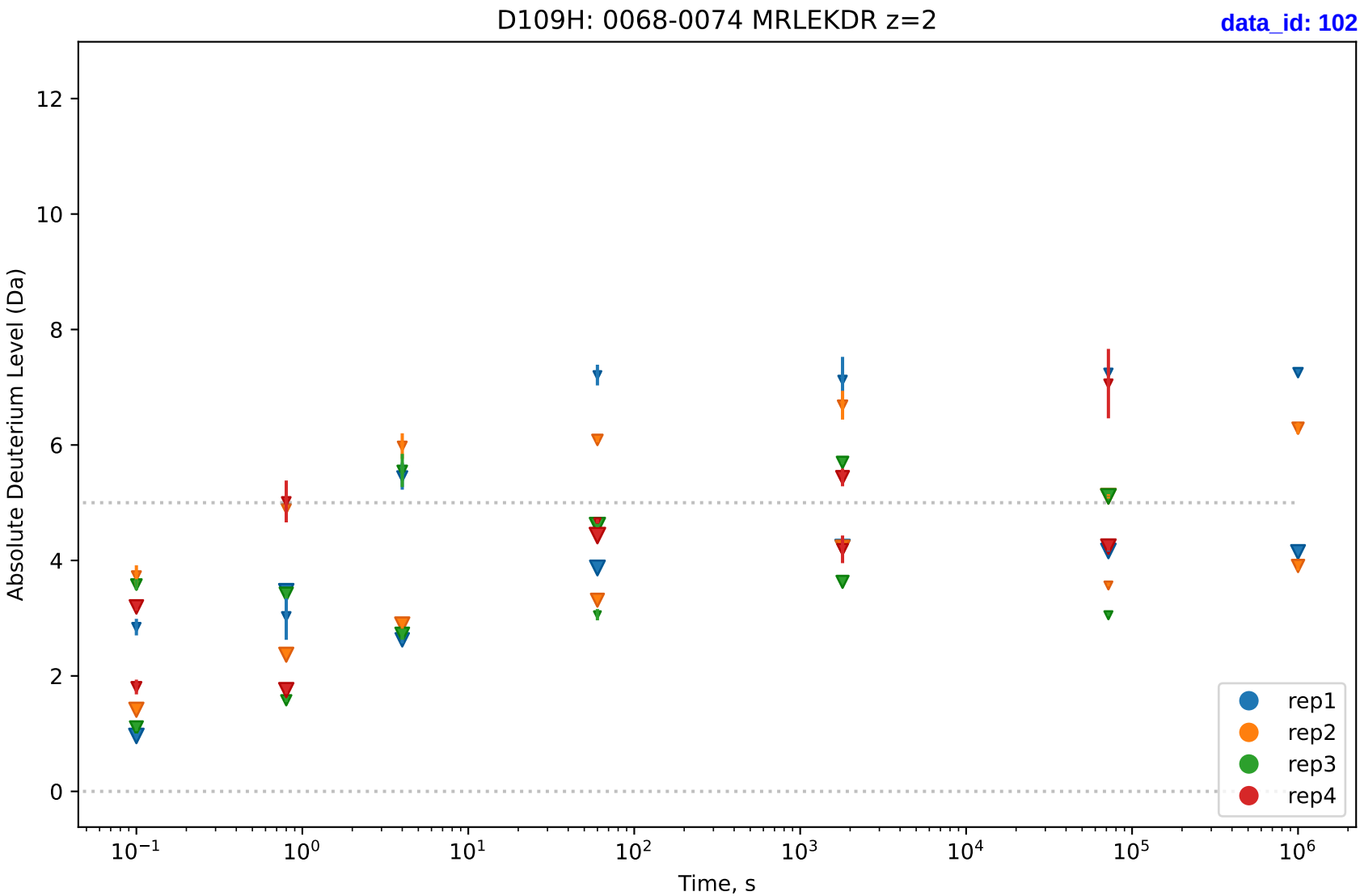

data_id: 99
D109H: 0067-0076 EMRLEKDRFS z=2
Replicates Overlay
Intensity
m/z
Env res: 0.83
data UnDeut, rep 1
fit sum N=2
pop1 = 0.66
Dabs_1 = 0.3
m/z = 656.33
pop2 = 0.34
Dabs_2 = 0.5
m/z = 656.42
m/z = 656.32
Env res: 0.83
data UnDeut, rep 2
pop1 = 0.79
Dabs_1 = 0.0
m/z = 656.25
pop2 = 0.21
Dabs_2 = 1.6
m/z = 656.72
m/z = 656.32
Env res: 0.84
data UnDeut, rep 3
pop1 = 0.85
Dabs_1 = 0.0
m/z = 656.26
pop2 = 0.15
Dabs_2 = 1.8
m/z = 656.80
m/z = 656.32
data UnDeut
rep 1
rep 2
rep 3
Env res: 1.06
data 0.1s, rep 1
pop1 = 0.51
Dabs_1 = 0.6
m/z = 656.44
pop2 = 0.49
Dabs_2 = 2.8
m/z = 657.08
m/z = 656.75
Env res: 1.02
data 0.1s, rep 2
pop1 = 0.70
Dabs_1 = 1.5
m/z = 656.71
pop2 = 0.30
Dabs_2 = 4.7
m/z = 657.67
m/z = 656.99
Env res: 1.09
data 0.1s, rep 3
pop1 = 0.62
Dabs_1 = 1.5
m/z = 656.71
pop2 = 0.38
Dabs_2 = 4.9
m/z = 657.57
m/z = 657.09
Env res: 1.03
data 0.1s, rep 4
pop1 = 0.98
Dabs_1 = 3.4
m/z = 657.25
pop2 = 0.02
Dabs_2 = 8.3
m/z = 658.68
m/z = 657.28
data 0.1s
rep 1
rep 2
rep 3
rep 4
Env res: 0.97
data 0.8s, rep 1
pop1 = 0.23
Dabs_1 = 4.4
m/z = 657.61
pop2 = 0.77
Dabs_2 = 4.6
m/z = 657.60
m/z = 657.60
Env res: 0.91
data 0.8s, rep 2
pop1 = 0.50
Dabs_1 = 2.4
m/z = 656.95
pop2 = 0.50
Dabs_2 = 5.1
m/z = 657.76
m/z = 657.36
Env res: 0.94
data 0.8s, rep 3
pop1 = 0.87
Dabs_1 = 3.1
m/z = 657.21
pop2 = 0.13
Dabs_2 = 5.0
m/z = 657.96
m/z = 657.27
Env res: 0.97
data 0.8s, rep 4
pop1 = 0.64
Dabs_1 = 2.0
m/z = 656.83
pop2 = 0.36
Dabs_2 = 5.5
m/z = 657.87
m/z = 657.21
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 1.03
data 4.0s, rep 1
pop1 = 0.27
Dabs_1 = 2.0
m/z = 656.90
pop2 = 0.73
Dabs_2 = 5.5
m/z = 657.89
m/z = 657.63
Env res: 1.02
data 4.0s, rep 2
pop1 = 0.76
Dabs_1 = 3.5
m/z = 657.27
pop2 = 0.24
Dabs_2 = 7.6
m/z = 658.50
m/z = 657.57
Env res: 0.99
data 4.0s, rep 3
pop1 = 0.51
Dabs_1 = 2.9
m/z = 657.12
pop2 = 0.49
Dabs_2 = 6.0
m/z = 658.04
m/z = 657.57
data 4.0s
rep 1
rep 2
rep 3
Env res: 1.08
data 60.0s, rep 1
pop1 = 0.30
Dabs_1 = 3.7
m/z = 657.35
pop2 = 0.70
Dabs_2 = 7.1
m/z = 658.35
m/z = 658.06
Env res: 1.09
data 60.0s, rep 2
pop1 = 0.40
Dabs_1 = 4.2
m/z = 657.50
pop2 = 0.60
Dabs_2 = 7.6
m/z = 658.49
m/z = 658.09
Env res: 1.10
data 60.0s, rep 3
pop1 = 0.52
Dabs_1 = 4.3
m/z = 657.52
pop2 = 0.48
Dabs_2 = 8.1
m/z = 658.71
m/z = 658.08
Env res: 1.10
data 60.0s, rep 4
pop1 = 0.39
Dabs_1 = 3.7
m/z = 657.35
pop2 = 0.61
Dabs_2 = 7.6
m/z = 658.51
m/z = 658.05
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.02
data 1800.0s, rep 1
pop1 = 0.18
Dabs_1 = 4.8
m/z = 657.73
pop2 = 0.82
Dabs_2 = 8.1
m/z = 658.65
m/z = 658.46
Env res: 1.02
data 1800.0s, rep 2
pop1 = 0.44
Dabs_1 = 6.2
m/z = 658.09
pop2 = 0.56
Dabs_2 = 8.2
m/z = 658.65
m/z = 658.42
Env res: 1.04
data 1800.0s, rep 3
pop1 = 0.31
Dabs_1 = 4.9
m/z = 657.72
pop2 = 0.69
Dabs_2 = 8.4
m/z = 658.74
m/z = 658.41
Env res: 1.01
data 1800.0s, rep 4
pop1 = 0.25
Dabs_1 = 5.0
m/z = 657.76
pop2 = 0.75
Dabs_2 = 8.4
m/z = 658.74
m/z = 658.48
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.02
data 72000.0s, rep 1
pop1 = 0.11
Dabs_1 = 4.8
m/z = 657.72
pop2 = 0.89
Dabs_2 = 7.8
m/z = 658.57
m/z = 658.46
Env res: 1.02
data 72000.0s, rep 2
pop1 = 0.73
Dabs_1 = 6.6
m/z = 658.42
pop2 = 0.27
Dabs_2 = 8.4
m/z = 659.12
m/z = 658.47
Env res: 1.01
data 72000.0s, rep 3
pop1 = 0.24
Dabs_1 = 5.0
m/z = 657.75
pop2 = 0.76
Dabs_2 = 8.2
m/z = 658.69
m/z = 658.45
Env res: 0.99
data 72000.0s, rep 4
pop1 = 0.47
Dabs_1 = 5.8
m/z = 658.00
pop2 = 0.53
Dabs_2 = 8.9
m/z = 658.92
m/z = 658.45
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 0.99
data FullDeut, rep 1
pop1 = 0.27
Dabs_1 = 6.8
m/z = 658.25
pop2 = 0.73
Dabs_2 = 8.7
m/z = 658.78
m/z = 658.65
Env res: 1.00
data FullDeut, rep 2
pop1 = 0.54
Dabs_1 = 6.4
m/z = 658.15
pop2 = 0.46
Dabs_2 = 9.9
m/z = 659.28
m/z = 658.65
data FullDeut
rep 1
rep 2

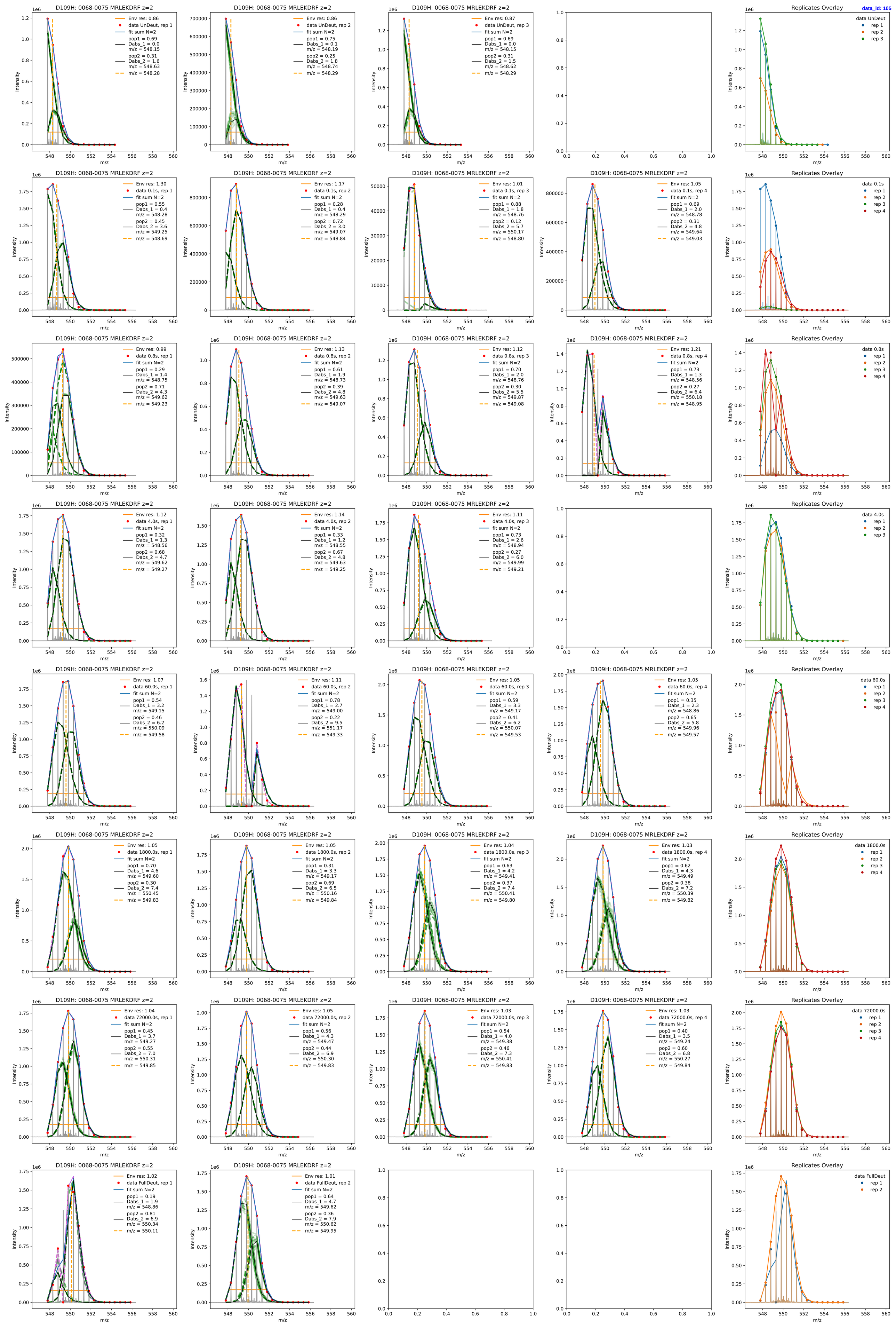

data_id: 99
D109H: 0067-0076 EMRLEKDRFS z=2
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
0.1s, rep1
0.1s, rep2
0.1s, rep3
0.1s, rep4
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
4.0s, rep1
4.0s, rep2
4.0s, rep3
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, rep4
1800.0s, rep1
1800.0s, rep2
1800.0s, rep3
1800.0s, rep4
72000.0s, rep1
72000.0s, rep2
72000.0s, rep3
72000.0s, rep4
FullDeut, rep1
FullDeut, rep2
pop0
pop1
Centroid
Replicates Overlay
UnDeut
0.1s
0.8s
4.0s
60.0s
1800.0s
72000.0s
FullDeut
1_pop0
1_pop1
2_pop0
2_pop1
3_pop0
3_pop1
4_pop0
4_pop1
population
Absolute Deuterium Level (Da)

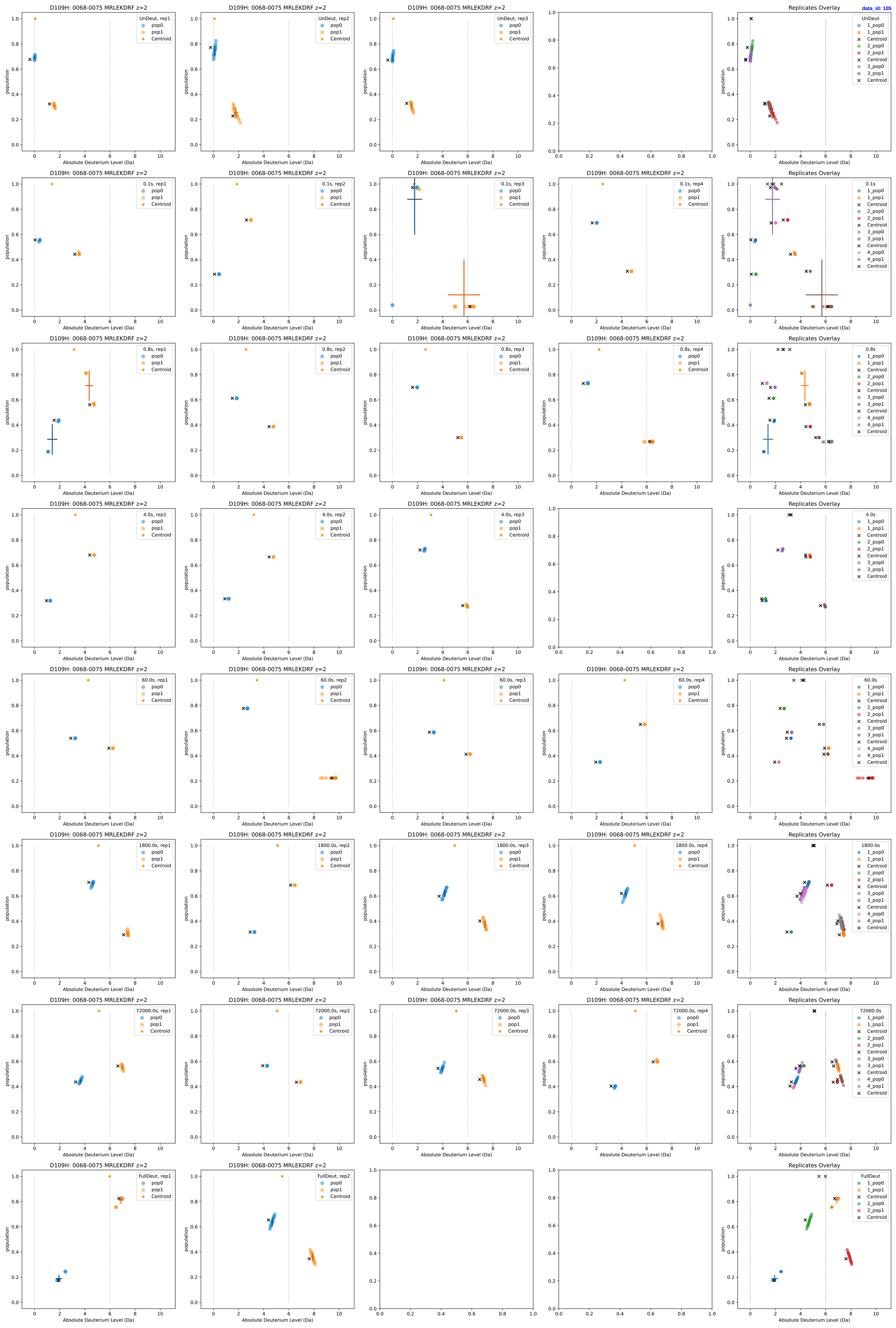

D109H: 0067-0076 EMRLEKDRFS z=2
data_id: 99
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4

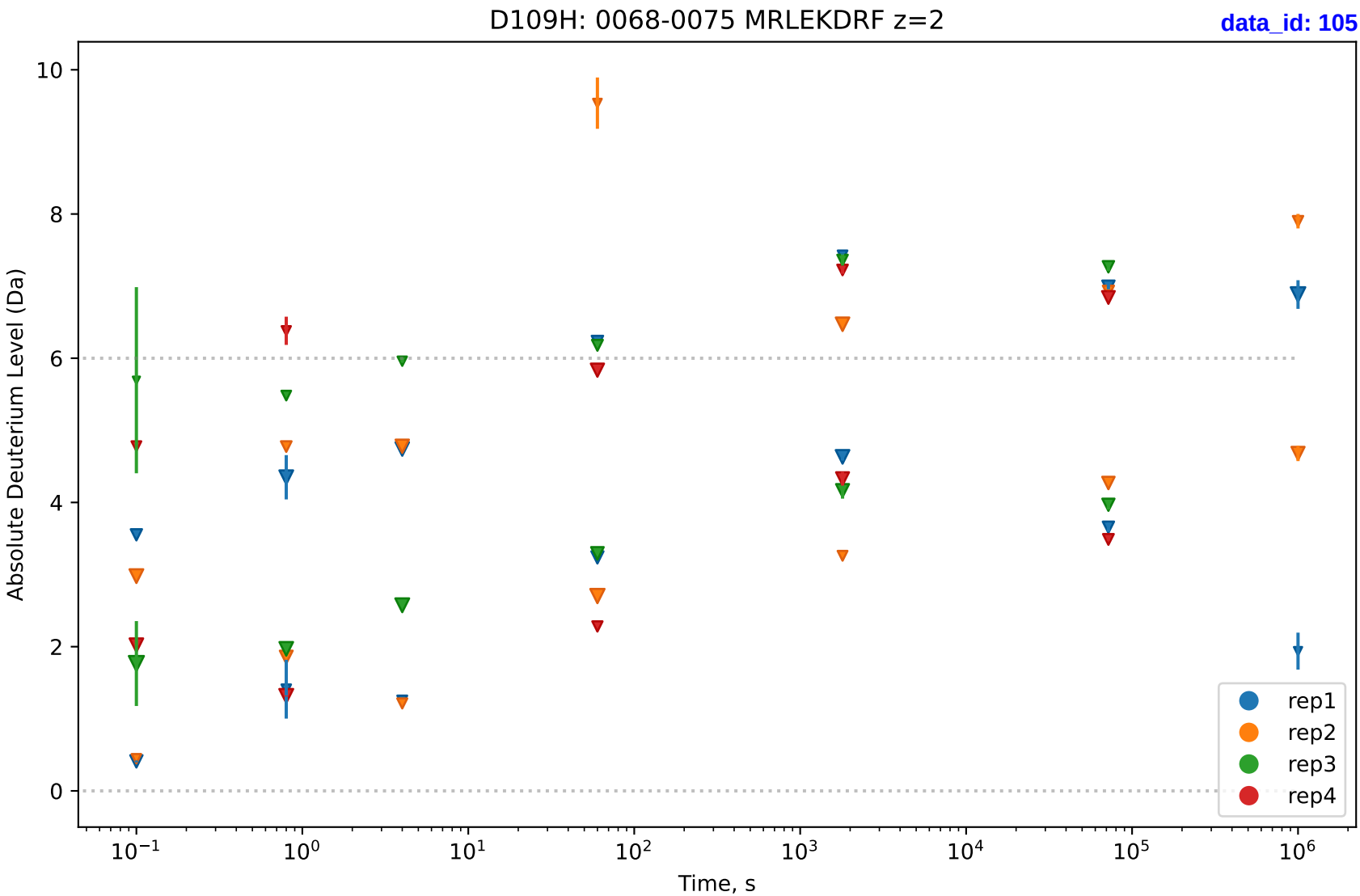

data_id: 102
D109H: 0068-0074 MRLEKDR z=2
Env res: 0.60
data UnDeut, rep 1
fit sum N=2
pop1 = 0.95
Dabs_1 = 0.0
m/z = 474.58
pop2 = 0.05
Dabs_2 = 9.3
m/z = 477.58
m/z = 474.54
Env res: 0.63
data UnDeut, rep 2
pop1 = 0.76
Dabs_1 = 0.0
m/z = 474.57
pop2 = 0.24
Dabs_2 = 0.1
m/z = 474.63
m/z = 474.56
Env res: 0.63
data UnDeut, rep 3
pop1 = 0.61
Dabs_1 = 0.0
m/z = 474.58
pop2 = 0.39
Dabs_2 = 0.1
m/z = 474.61
m/z = 474.56
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 0.87
data 0.1s, rep 1
pop1 = 0.81
Dabs_1 = 1.0
m/z = 474.84
pop2 = 0.19
Dabs_2 = 2.8
m/z = 475.38
m/z = 474.93
Env res: 0.89
data 0.1s, rep 2
pop1 = 0.76
Dabs_1 = 1.4
m/z = 474.96
pop2 = 0.24
Dabs_2 = 3.7
m/z = 475.62
m/z = 475.11
Env res: 0.94
data 0.1s, rep 3
pop1 = 0.62
Dabs_1 = 1.1
m/z = 474.87
pop2 = 0.38
Dabs_2 = 3.6
m/z = 475.60
m/z = 475.12
Env res: 0.83
data 0.1s, rep 4
pop1 = 0.32
Dabs_1 = 1.8
m/z = 475.06
pop2 = 0.68
Dabs_2 = 3.2
m/z = 475.44
m/z = 475.33
data 0.1s
rep 1
rep 2
rep 3
rep 4
Env res: 0.82
data 0.8s, rep 1
pop1 = 0.21
Dabs_1 = 3.0
m/z = 475.49
pop2 = 0.79
Dabs_2 = 3.5
m/z = 475.53
m/z = 475.51
Env res: 0.78
data 0.8s, rep 2
pop1 = 0.75
Dabs_1 = 2.4
m/z = 475.23
pop2 = 0.25
Dabs_2 = 4.9
m/z = 475.95
m/z = 475.40
Env res: 0.81
data 0.8s, rep 3
pop1 = 0.35
Dabs_1 = 1.6
m/z = 475.04
pop2 = 0.65
Dabs_2 = 3.4
m/z = 475.52
m/z = 475.35
Env res: 0.85
data 0.8s, rep 4
pop1 = 0.78
Dabs_1 = 1.8
m/z = 475.08
pop2 = 0.22
Dabs_2 = 5.0
m/z = 476.10
m/z = 475.27
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 0.80
data 4.0s, rep 1
pop1 = 0.67
Dabs_1 = 2.6
m/z = 475.31
pop2 = 0.33
Dabs_2 = 5.5
m/z = 476.18
m/z = 475.57
Env res: 0.80
data 4.0s, rep 2
pop1 = 0.77
Dabs_1 = 2.9
m/z = 475.38
pop2 = 0.23
Dabs_2 = 6.0
m/z = 476.22
m/z = 475.56
Env res: 0.79
data 4.0s, rep 3
pop1 = 0.71
Dabs_1 = 2.7
m/z = 475.30
pop2 = 0.29
Dabs_2 = 5.6
m/z = 476.02
m/z = 475.55
data 4.0s
rep 1
rep 2
rep 3
Env res: 0.81
data 60.0s, rep 1
pop1 = 0.84
Dabs_1 = 3.9
m/z = 475.65
pop2 = 0.16
Dabs_2 = 7.2
m/z = 476.58
m/z = 475.79
Env res: 0.82
data 60.0s, rep 2
pop1 = 0.63
Dabs_1 = 3.3
m/z = 475.48
pop2 = 0.37
Dabs_2 = 6.1
m/z = 476.27
m/z = 475.76
Env res: 0.81
data 60.0s, rep 3
pop1 = 0.10
Dabs_1 = 3.1
m/z = 475.40
pop2 = 0.90
Dabs_2 = 4.6
m/z = 475.85
m/z = 475.78
Env res: 0.82
data 60.0s, rep 4
pop1 = 0.93
Dabs_1 = 4.4
m/z = 475.79
pop2 = 0.07
Dabs_2 = 4.7
m/z = 475.86
m/z = 475.79
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 0.84
data 1800.0s, rep 1
pop1 = 0.80
Dabs_1 = 4.2
m/z = 475.75
pop2 = 0.20
Dabs_2 = 7.1
m/z = 476.69
m/z = 475.92
Env res: 0.84
data 1800.0s, rep 2
pop1 = 0.72
Dabs_1 = 4.2
m/z = 475.73
pop2 = 0.28
Dabs_2 = 6.7
m/z = 476.34
m/z = 475.91
Env res: 0.79
data 1800.0s, rep 3
pop1 = 0.53
Dabs_1 = 3.6
m/z = 475.63
pop2 = 0.47
Dabs_2 = 5.7
m/z = 476.15
m/z = 475.85
Env res: 0.82
data 1800.0s, rep 4
pop1 = 0.39
Dabs_1 = 4.2
m/z = 475.70
pop2 = 0.61
Dabs_2 = 5.4
m/z = 476.10
m/z = 475.92
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 0.83
data 72000.0s, rep 1
pop1 = 0.81
Dabs_1 = 4.2
m/z = 475.73
pop2 = 0.19
Dabs_2 = 7.3
m/z = 476.67
m/z = 475.90
Env res: 0.84
data 72000.0s, rep 2
pop1 = 0.16
Dabs_1 = 3.6
m/z = 475.61
pop2 = 0.84
Dabs_2 = 5.1
m/z = 475.99
m/z = 475.91
Env res: 0.83
data 72000.0s, rep 3
pop1 = 0.17
Dabs_1 = 3.1
m/z = 475.41
pop2 = 0.83
Dabs_2 = 5.1
m/z = 475.99
m/z = 475.87
Env res: 0.82
data 72000.0s, rep 4
pop1 = 0.81
Dabs_1 = 4.2
m/z = 475.74
pop2 = 0.19
Dabs_2 = 7.1
m/z = 476.46
m/z = 475.87
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 0.84
data FullDeut, rep 1
pop1 = 0.72
Dabs_1 = 4.1
m/z = 475.72
pop2 = 0.28
Dabs_2 = 7.3
m/z = 476.63
m/z = 475.97
Env res: 0.86
data FullDeut, rep 2
pop1 = 0.55
Dabs_1 = 3.9
m/z = 475.66
pop2 = 0.45
Dabs_2 = 6.3
m/z = 476.34
m/z = 475.95
data FullDeut
rep 1
rep 2
Intensity
m/z

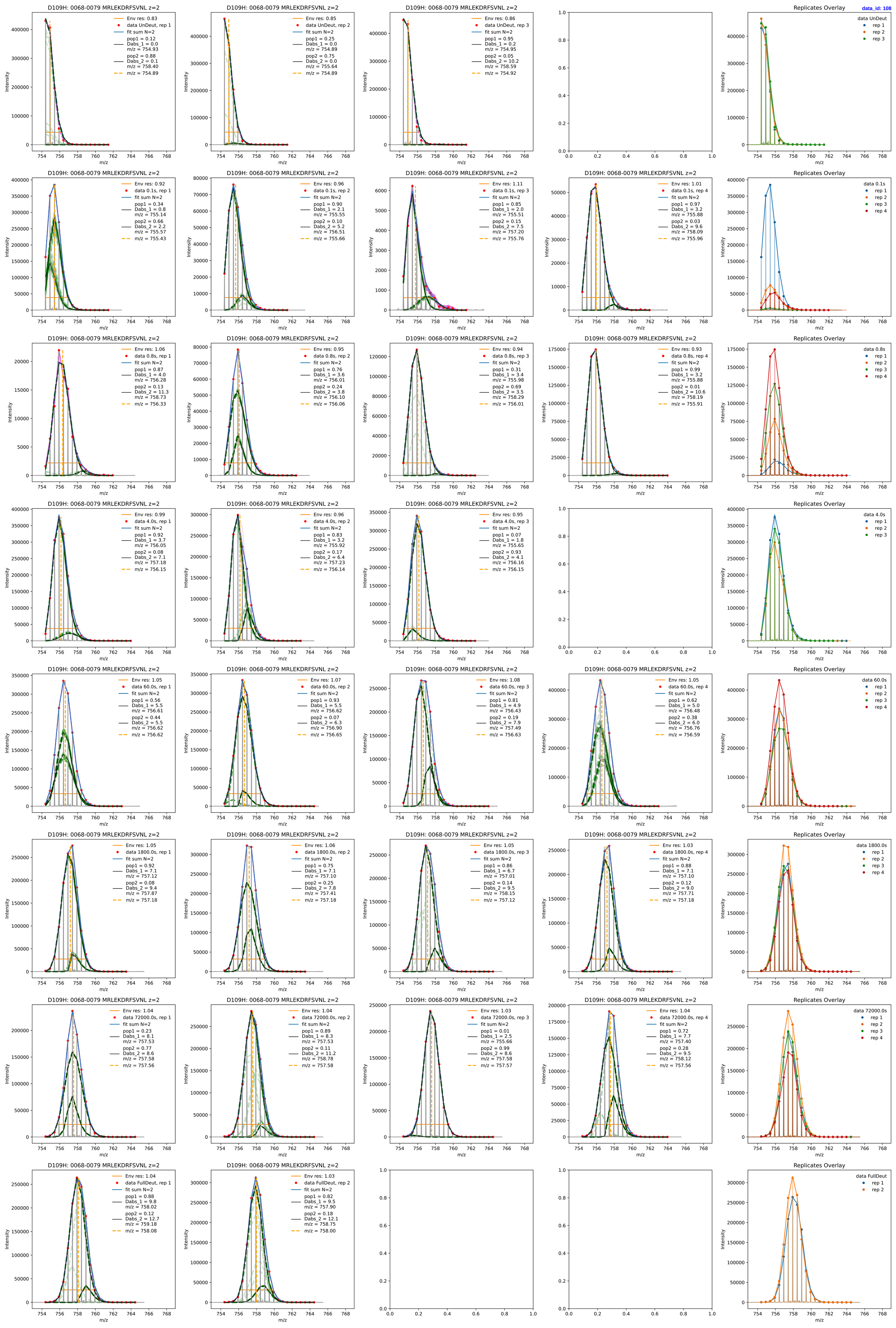

data_id: 102
D109H: 0068-0074 MRLEKDR z=2
Replicates Overlay
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
UnDeut
0.1s, rep1
0.1s, rep2
0.1s, rep3
0.1s, rep4
0.1s
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
0.8s
4.0s, rep1
4.0s, rep2
4.0s, rep3
4.0s
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, rep4
60.0s
1800.0s, rep1
1800.0s, rep2
1800.0s, rep3
1800.0s, rep4
1800.0s
72000.0s, rep1
72000.0s, rep2
72000.0s, rep3
72000.0s, rep4
72000.0s
FullDeut, rep1
FullDeut, rep2
FullDeut
pop0
pop1
Centroid
1_pop0
1_pop1
2_pop0
2_pop1
3_pop0
3_pop1
4_pop0
4_pop1
population
Absolute Deuterium Level (Da)

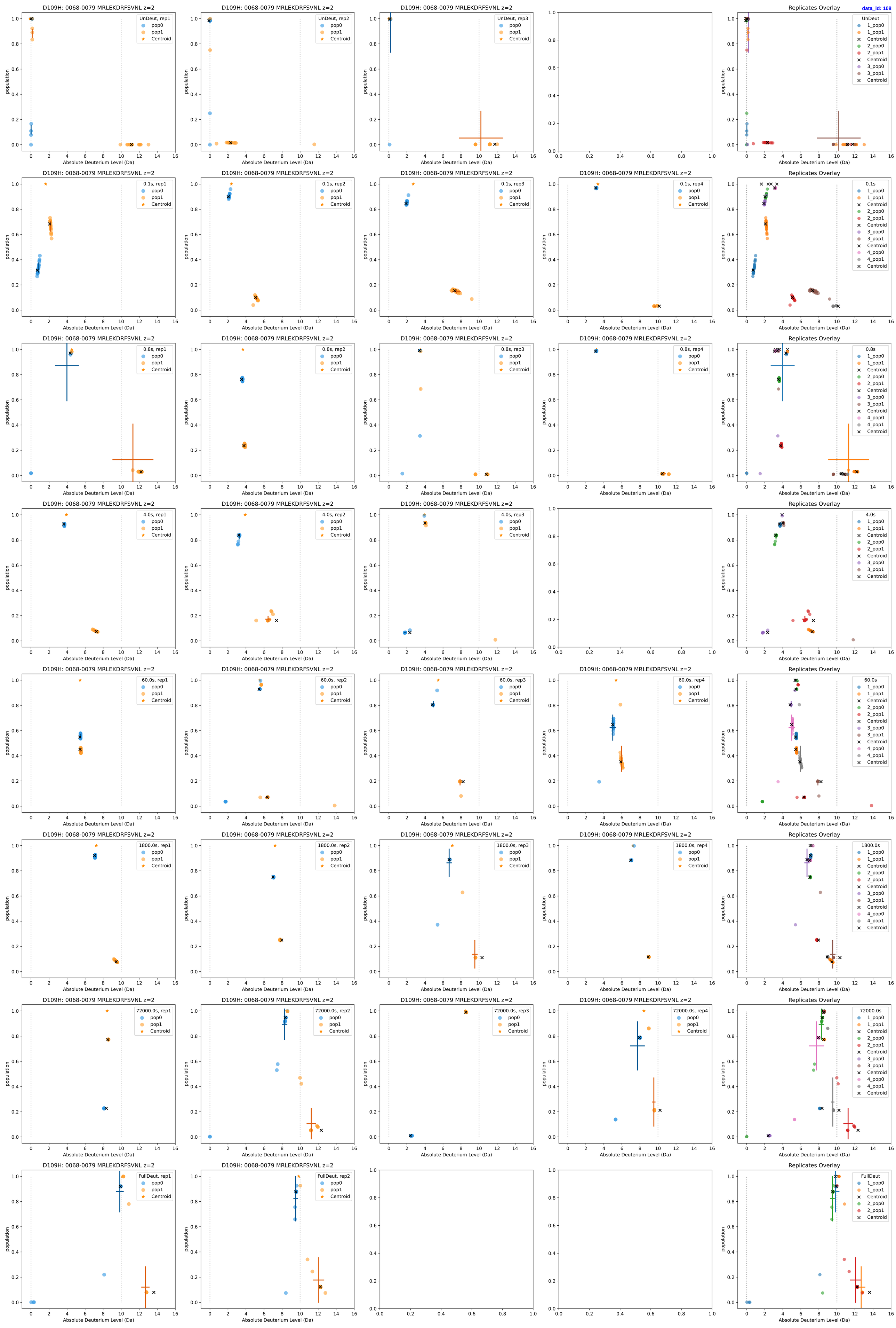

D109H: 0068-0074 MRLEKDR z=2
data_id: 102
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4

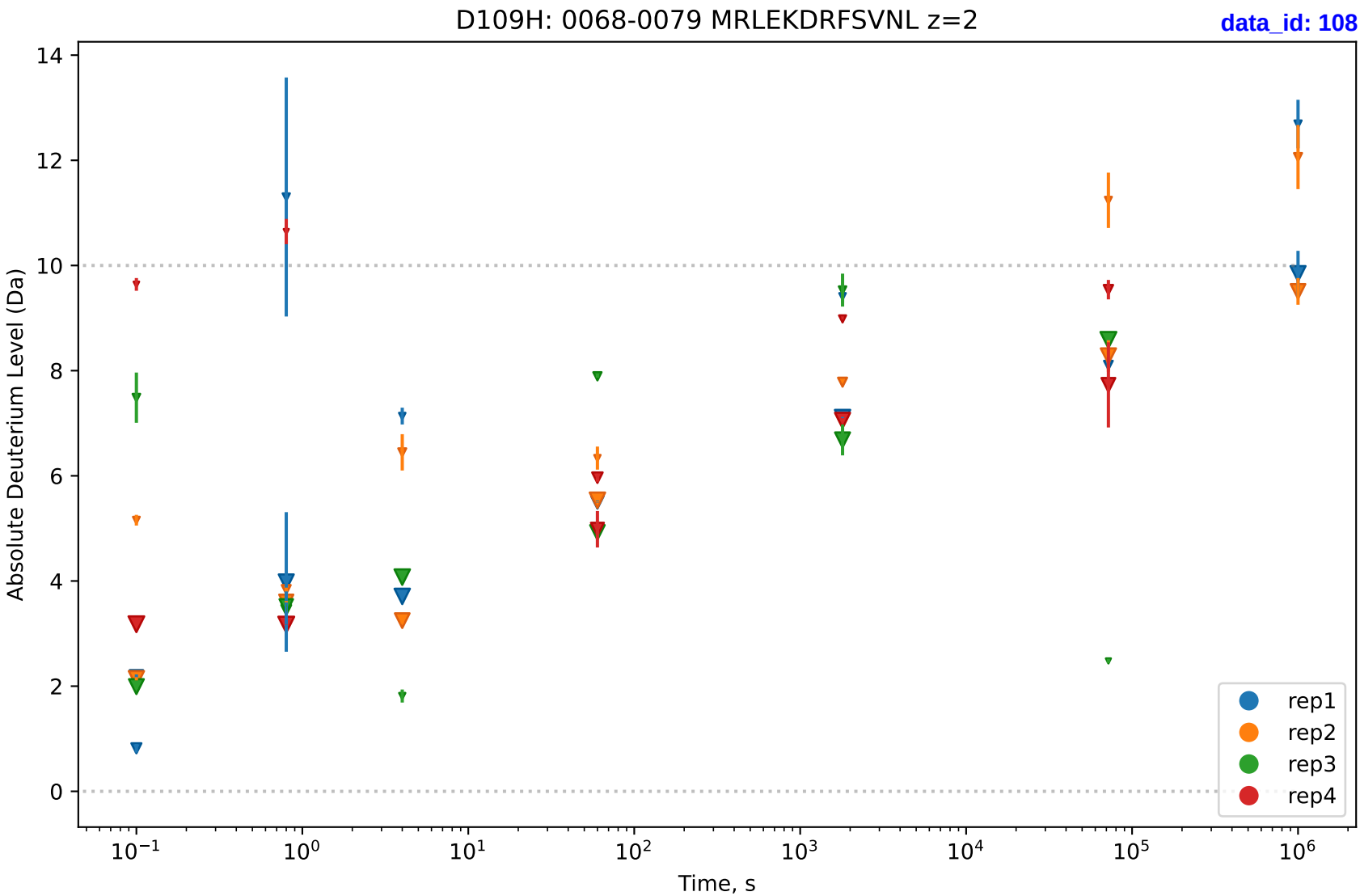

data_id: 105
D109H: 0068-0075 MRLEKDRF z=2
Env res: 0.86
data UnDeut, rep 1
fit sum N=2
pop1 = 0.69
Dabs_1 = 0.0
m/z = 548.15
pop2 = 0.31
Dabs_2 = 1.6
m/z = 548.63
m/z = 548.28
Env res: 0.86
data UnDeut, rep 2
pop1 = 0.75
Dabs_1 = 0.1
m/z = 548.19
pop2 = 0.25
Dabs_2 = 1.8
m/z = 548.74
m/z = 548.29
Env res: 0.87
data UnDeut, rep 3
pop1 = 0.69
Dabs_1 = 0.0
m/z = 548.15
pop2 = 0.31
Dabs_2 = 1.5
m/z = 548.62
m/z = 548.29
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 1.30
data 0.1s, rep 1
pop1 = 0.55
Dabs_1 = 0.4
m/z = 548.28
pop2 = 0.45
Dabs_2 = 3.6
m/z = 549.25
m/z = 548.69
Env res: 1.17
data 0.1s, rep 2
pop1 = 0.28
Dabs_1 = 0.4
m/z = 548.29
pop2 = 0.72
Dabs_2 = 3.0
m/z = 549.07
m/z = 548.84
Env res: 1.01
data 0.1s, rep 3
pop1 = 0.88
Dabs_1 = 1.8
m/z = 548.76
pop2 = 0.12
Dabs_2 = 5.7
m/z = 550.17
m/z = 548.80
Env res: 1.05
data 0.1s, rep 4
pop1 = 0.69
Dabs_1 = 2.0
m/z = 548.78
pop2 = 0.31
Dabs_2 = 4.8
m/z = 549.64
m/z = 549.03
data 0.1s
rep 1
rep 2
rep 3
rep 4
Env res: 0.99
data 0.8s, rep 1
pop1 = 0.29
Dabs_1 = 1.4
m/z = 548.75
pop2 = 0.71
Dabs_2 = 4.3
m/z = 549.62
m/z = 549.23
Env res: 1.13
data 0.8s, rep 2
pop1 = 0.61
Dabs_1 = 1.9
m/z = 548.73
pop2 = 0.39
Dabs_2 = 4.8
m/z = 549.63
m/z = 549.07
Env res: 1.12
data 0.8s, rep 3
pop1 = 0.70
Dabs_1 = 2.0
m/z = 548.76
pop2 = 0.30
Dabs_2 = 5.5
m/z = 549.87
m/z = 549.08
Env res: 1.21
data 0.8s, rep 4
pop1 = 0.73
Dabs_1 = 1.3
m/z = 548.56
pop2 = 0.27
Dabs_2 = 6.4
m/z = 550.18
m/z = 548.95
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 1.12
data 4.0s, rep 1
pop1 = 0.32
Dabs_1 = 1.3
m/z = 548.56
pop2 = 0.68
Dabs_2 = 4.7
m/z = 549.62
m/z = 549.27
Env res: 1.14
data 4.0s, rep 2
pop1 = 0.33
Dabs_1 = 1.2
m/z = 548.55
pop2 = 0.67
Dabs_2 = 4.8
m/z = 549.63
m/z = 549.25
Env res: 1.11
data 4.0s, rep 3
pop1 = 0.73
Dabs_1 = 2.6
m/z = 548.94
pop2 = 0.27
Dabs_2 = 6.0
m/z = 549.99
m/z = 549.21
data 4.0s
rep 1
rep 2
rep 3
Env res: 1.07
data 60.0s, rep 1
pop1 = 0.54
Dabs_1 = 3.2
m/z = 549.15
pop2 = 0.46
Dabs_2 = 6.2
m/z = 550.09
m/z = 549.58
Env res: 1.11
data 60.0s, rep 2
pop1 = 0.78
Dabs_1 = 2.7
m/z = 549.00
pop2 = 0.22
Dabs_2 = 9.5
m/z = 551.17
m/z = 549.33
Env res: 1.05
data 60.0s, rep 3
pop1 = 0.59
Dabs_1 = 3.3
m/z = 549.17
pop2 = 0.41
Dabs_2 = 6.2
m/z = 550.07
m/z = 549.53
Env res: 1.05
data 60.0s, rep 4
pop1 = 0.35
Dabs_1 = 2.3
m/z = 548.86
pop2 = 0.65
Dabs_2 = 5.8
m/z = 549.96
m/z = 549.57
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.05
data 1800.0s, rep 1
pop1 = 0.70
Dabs_1 = 4.6
m/z = 549.60
pop2 = 0.30
Dabs_2 = 7.4
m/z = 550.45
m/z = 549.83
Env res: 1.05
data 1800.0s, rep 2
pop1 = 0.31
Dabs_1 = 3.3
m/z = 549.17
pop2 = 0.69
Dabs_2 = 6.5
m/z = 550.16
m/z = 549.84
Env res: 1.04
data 1800.0s, rep 3
pop1 = 0.63
Dabs_1 = 4.2
m/z = 549.41
pop2 = 0.37
Dabs_2 = 7.4
m/z = 550.41
m/z = 549.80
Env res: 1.03
data 1800.0s, rep 4
pop1 = 0.62
Dabs_1 = 4.3
m/z = 549.49
pop2 = 0.38
Dabs_2 = 7.2
m/z = 550.39
m/z = 549.82
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.04
data 72000.0s, rep 1
pop1 = 0.45
Dabs_1 = 3.7
m/z = 549.27
pop2 = 0.55
Dabs_2 = 7.0
m/z = 550.31
m/z = 549.85
Env res: 1.05
data 72000.0s, rep 2
pop1 = 0.56
Dabs_1 = 4.3
m/z = 549.47
pop2 = 0.44
Dabs_2 = 6.9
m/z = 550.30
m/z = 549.83
Env res: 1.03
data 72000.0s, rep 3
pop1 = 0.54
Dabs_1 = 4.0
m/z = 549.38
pop2 = 0.46
Dabs_2 = 7.3
m/z = 550.41
m/z = 549.83
Env res: 1.03
data 72000.0s, rep 4
pop1 = 0.40
Dabs_1 = 3.5
m/z = 549.24
pop2 = 0.60
Dabs_2 = 6.8
m/z = 550.27
m/z = 549.84
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.02
data FullDeut, rep 1
pop1 = 0.19
Dabs_1 = 1.9
m/z = 548.86
pop2 = 0.81
Dabs_2 = 6.9
m/z = 550.34
m/z = 550.11
Env res: 1.01
data FullDeut, rep 2
pop1 = 0.64
Dabs_1 = 4.7
m/z = 549.62
pop2 = 0.36
Dabs_2 = 7.9
m/z = 550.62
m/z = 549.95
data FullDeut
rep 1
rep 2
Intensity
m/z

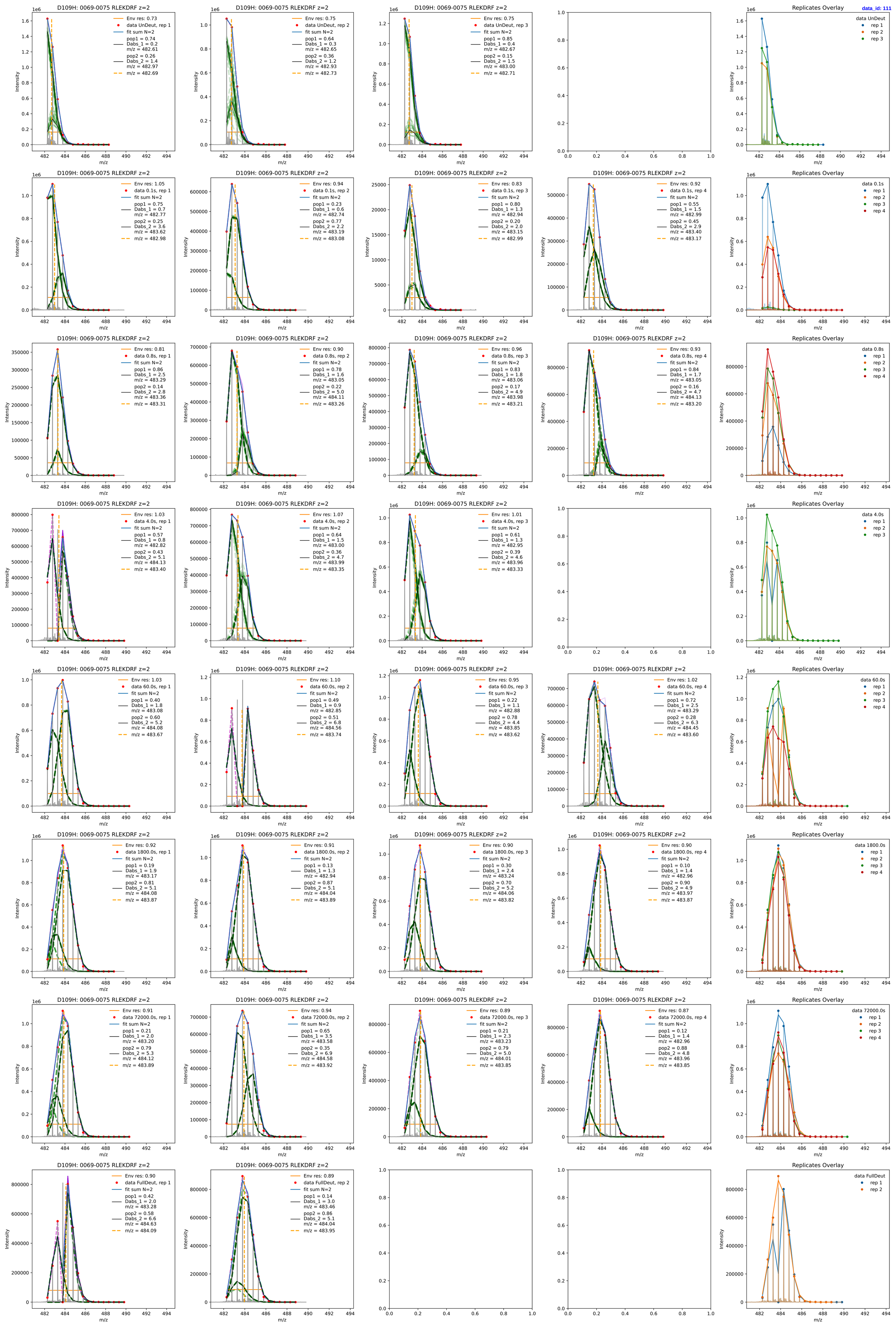

data_id: 105
D109H: 0068-0075 MRLEKDRF z=2
Replicates Overlay
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
UnDeut
0.1s, rep1
0.1s, rep2
0.1s, rep3
0.1s, rep4
0.1s
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
0.8s
4.0s, rep1
4.0s, rep2
4.0s, rep3
4.0s
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, rep4
60.0s
1800.0s, rep1
1800.0s, rep2
1800.0s, rep3
1800.0s, rep4
1800.0s
72000.0s, rep1
72000.0s, rep2
72000.0s, rep3
72000.0s, rep4
72000.0s
FullDeut, rep1
FullDeut, rep2
FullDeut
pop0
pop1
Centroid
1_pop0
1_pop1
2_pop0
2_pop1
3_pop0
3_pop1
4_pop0
4_pop1
population
Absolute Deuterium Level (Da)

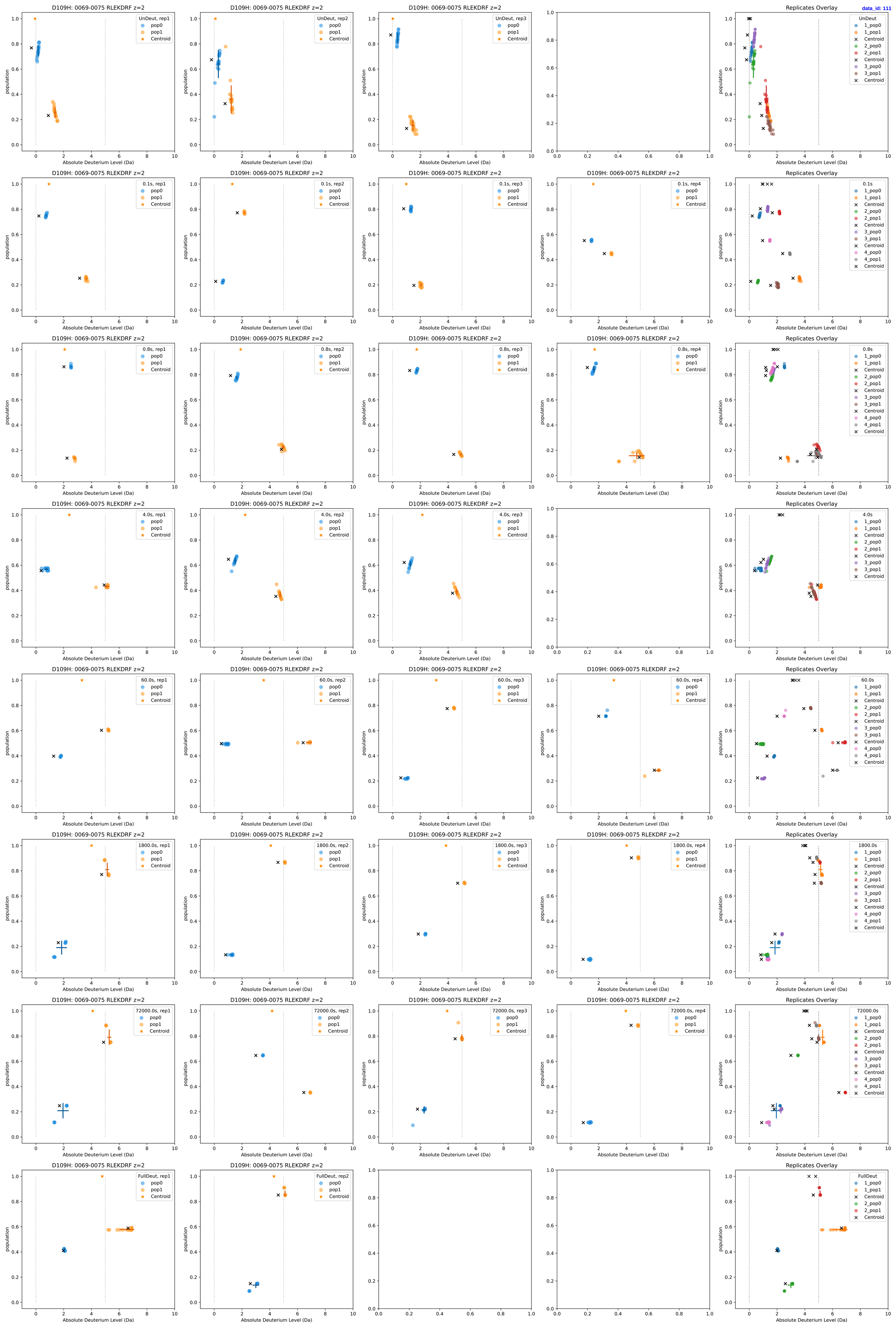

D109H: 0068-0075 MRLEKDRF z=2
data_id: 105
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4

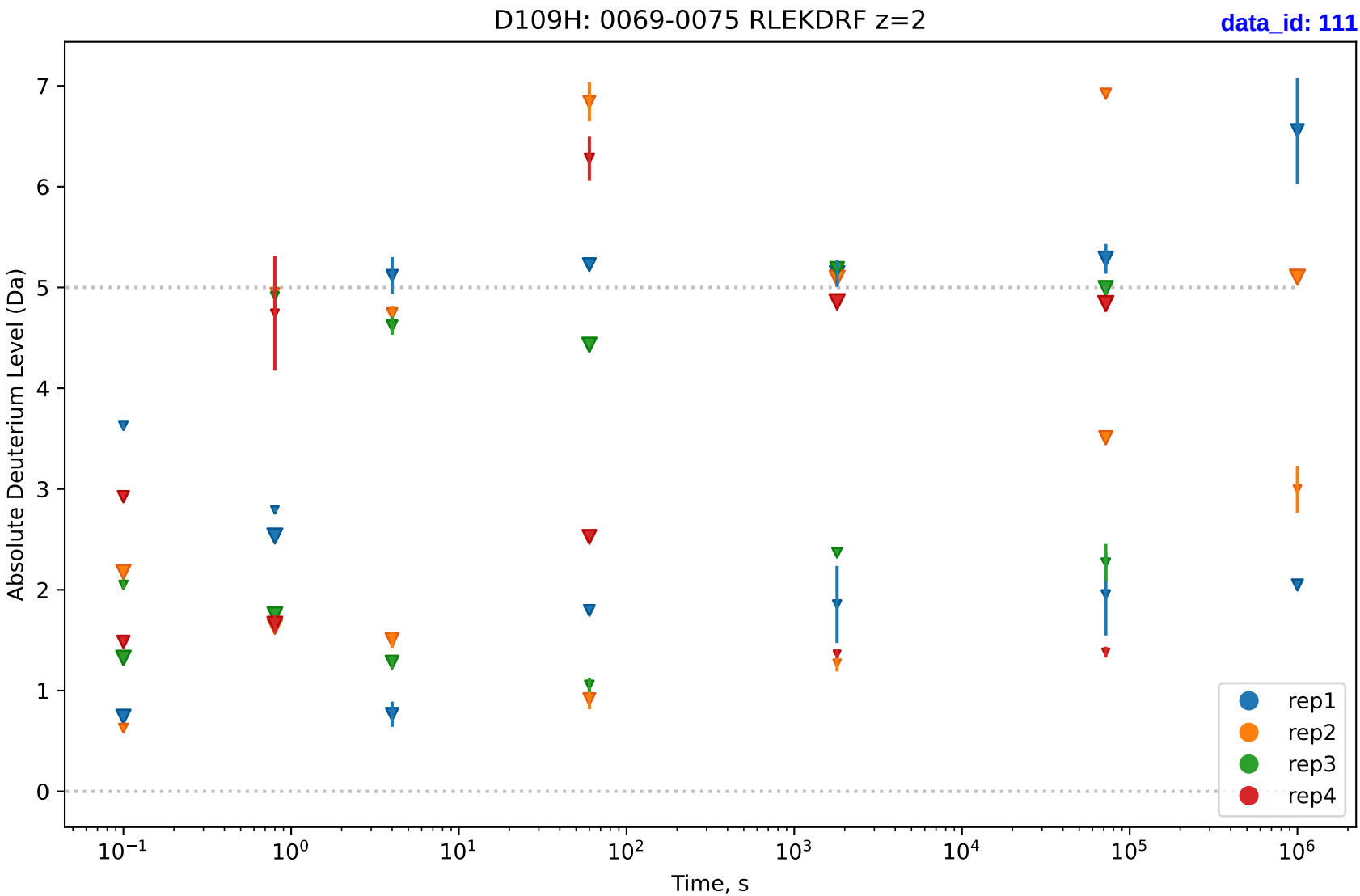

data_id: 108
D109H: 0068-0079 MRLEKDRFSVNL z=2
Env res: 0.83
data UnDeut, rep 1
fit sum N=2
pop1 = 0.12
Dabs_1 = 0.0
m/z = 754.93
pop2 = 0.88
Dabs_2 = 0.1
m/z = 758.40
m/z = 754.89
Env res: 0.85
data UnDeut, rep 2
fit sum N=2
pop1 = 0.25
Dabs_1 = 0.0
m/z = 754.89
pop2 = 0.75
Dabs_2 = 0.0
m/z = 755.64
m/z = 754.89
Env res: 0.86
data UnDeut, rep 3
fit sum N=2
pop1 = 0.95
Dabs_1 = 0.2
m/z = 754.95
pop2 = 0.05
Dabs_2 = 10.2
m/z = 758.59
m/z = 754.92
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 0.92
data 0.1s, rep 1
fit sum N=2
pop1 = 0.34
Dabs_1 = 0.8
m/z = 755.14
pop2 = 0.66
Dabs_2 = 2.2
m/z = 755.57
m/z = 755.43
Env res: 0.96
data 0.1s, rep 2
fit sum N=2
pop1 = 0.90
Dabs_1 = 2.1
m/z = 755.55
pop2 = 0.10
Dabs_2 = 5.2
m/z = 756.51
m/z = 755.66
Env res: 1.11
data 0.1s, rep 3
fit sum N=2
pop1 = 0.85
Dabs_1 = 2.0
m/z = 755.51
pop2 = 0.15
Dabs_2 = 7.5
m/z = 757.20
m/z = 755.76
Env res: 1.01
data 0.1s, rep 4
fit sum N=2
pop1 = 0.97
Dabs_1 = 3.2
m/z = 755.88
pop2 = 0.03
Dabs_2 = 9.6
m/z = 758.09
m/z = 755.96
Replicates Overlay
data 0.1s
rep 1
rep 2
rep 3
rep 4
Env res: 1.06
data 0.8s, rep 1
fit sum N=2
pop1 = 0.87
Dabs_1 = 4.0
m/z = 756.28
pop2 = 0.13
Dabs_2 = 11.3
m/z = 758.73
m/z = 756.33
Env res: 0.95
data 0.8s, rep 2
fit sum N=2
pop1 = 0.76
Dabs_1 = 3.6
m/z = 756.01
pop2 = 0.24
Dabs_2 = 3.8
m/z = 756.10
m/z = 756.06
Env res: 0.94
data 0.8s, rep 3
fit sum N=2
pop1 = 0.31
Dabs_1 = 3.4
m/z = 755.98
pop2 = 0.69
Dabs_2 = 3.5
m/z = 758.29
m/z = 756.01
Env res: 0.93
data 0.8s, rep 4
fit sum N=2
pop1 = 0.99
Dabs_1 = 3.2
m/z = 755.88
pop2 = 0.01
Dabs_2 = 10.6
m/z = 758.19
m/z = 755.91
Replicates Overlay
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 0.99
data 4.0s, rep 1
fit sum N=2
pop1 = 0.92
Dabs_1 = 3.7
m/z = 756.05
pop2 = 0.08
Dabs_2 = 7.1
m/z = 757.18
m/z = 756.15
Env res: 0.96
data 4.0s, rep 2
fit sum N=2
pop1 = 0.83
Dabs_1 = 3.2
m/z = 755.92
pop2 = 0.17
Dabs_2 = 6.4
m/z = 757.23
m/z = 756.14
Env res: 0.95
data 4.0s, rep 3
fit sum N=2
pop1 = 0.07
Dabs_1 = 1.8
m/z = 755.65
pop2 = 0.93
Dabs_2 = 4.1
m/z = 756.16
m/z = 756.15
Replicates Overlay
data 4.0s
rep 1
rep 2
rep 3
Env res: 1.05
data 60.0s, rep 1
fit sum N=2
pop1 = 0.56
Dabs_1 = 5.5
m/z = 756.61
pop2 = 0.44
Dabs_2 = 5.5
m/z = 756.62
m/z = 756.62
Env res: 1.07
data 60.0s, rep 2
fit sum N=2
pop1 = 0.93
Dabs_1 = 5.5
m/z = 756.62
pop2 = 0.07
Dabs_2 = 6.3
m/z = 756.90
m/z = 756.65
Env res: 1.08
data 60.0s, rep 3
fit sum N=2
pop1 = 0.81
Dabs_1 = 4.9
m/z = 756.43
pop2 = 0.19
Dabs_2 = 7.9
m/z = 757.49
m/z = 756.63
Env res: 1.05
data 60.0s, rep 4
fit sum N=2
pop1 = 0.62
Dabs_1 = 5.0
m/z = 756.48
pop2 = 0.38
Dabs_2 = 6.0
m/z = 756.76
m/z = 756.59
Replicates Overlay
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.05
data 1800.0s, rep 1
fit sum N=2
pop1 = 0.92
Dabs_1 = 7.1
m/z = 757.12
pop2 = 0.08
Dabs_2 = 9.4
m/z = 757.87
m/z = 757.18
Env res: 1.06
data 1800.0s, rep 2
fit sum N=2
pop1 = 0.75
Dabs_1 = 7.1
m/z = 757.10
pop2 = 0.25
Dabs_2 = 7.8
m/z = 757.41
m/z = 757.18
Env res: 1.05
data 1800.0s, rep 3
fit sum N=2
pop1 = 0.86
Dabs_1 = 6.7
m/z = 757.01
pop2 = 0.14
Dabs_2 = 9.5
m/z = 758.15
m/z = 757.12
Env res: 1.03
data 1800.0s, rep 4
fit sum N=2
pop1 = 0.88
Dabs_1 = 7.1
m/z = 757.10
pop2 = 0.12
Dabs_2 = 9.0
m/z = 757.71
m/z = 757.18
Replicates Overlay
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.04
data 72000.0s, rep 1
fit sum N=2
pop1 = 0.23
Dabs_1 = 8.1
m/z = 757.53
pop2 = 0.77
Dabs_2 = 8.6
m/z = 757.58
m/z = 757.56
Env res: 1.04
data 72000.0s, rep 2
fit sum N=2
pop1 = 0.89
Dabs_1 = 8.3
m/z = 757.53
pop2 = 0.11
Dabs_2 = 11.2
m/z = 758.78
m/z = 757.58
Env res: 1.03
data 72000.0s, rep 3
fit sum N=2
pop1 = 0.01
Dabs_1 = 2.5
m/z = 755.66
pop2 = 0.99
Dabs_2 = 8.6
m/z = 757.58
m/z = 757.57
Env res: 1.04
data 72000.0s, rep 4
fit sum N=2
pop1 = 0.72
Dabs_1 = 7.7
m/z = 757.40
pop2 = 0.28
Dabs_2 = 9.5
m/z = 758.12
m/z = 757.56
Replicates Overlay
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.04
data FullDeut, rep 1
fit sum N=2
pop1 = 0.88
Dabs_1 = 9.8
m/z = 758.02
pop2 = 0.12
Dabs_2 = 12.7
m/z = 759.18
m/z = 758.08
Env res: 1.03
data FullDeut, rep 2
fit sum N=2
pop1 = 0.82
Dabs_1 = 9.5
m/z = 757.90
pop2 = 0.18
Dabs_2 = 12.1
m/z = 758.75
m/z = 758.00
Replicates Overlay
data FullDeut
rep 1
rep 2
Intensity
m/z

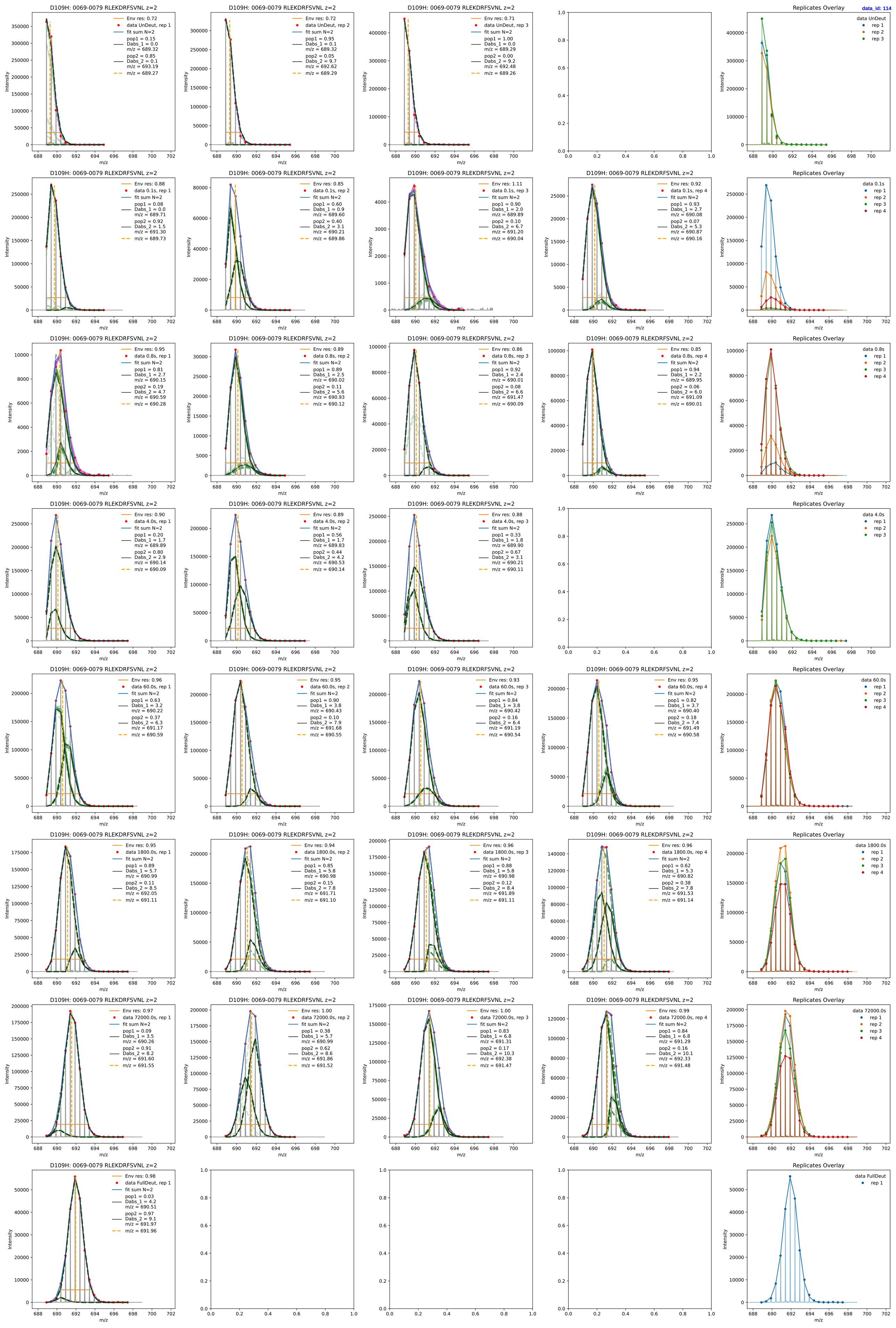

data_id: 108
D109H: 0068-0079 MRLEKDRFSVNL z=2
Replicates Overlay
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
UnDeut
0.1s, rep1
0.1s, rep2
0.1s, rep3
0.1s, rep4
0.1s
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
0.8s
4.0s, rep1
4.0s, rep2
4.0s, rep3
4.0s
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, rep4
60.0s
1800.0s, rep1
1800.0s, rep2
1800.0s, rep3
1800.0s, rep4
1800.0s
72000.0s, rep1
72000.0s, rep2
72000.0s, rep3
72000.0s, rep4
72000.0s
FullDeut, rep1
FullDeut, rep2
FullDeut
pop0
pop1
Centroid
1_pop0
1_pop1
2_pop0
2_pop1
3_pop0
3_pop1
4_pop0
4_pop1
population
Absolute Deuterium Level (Da)

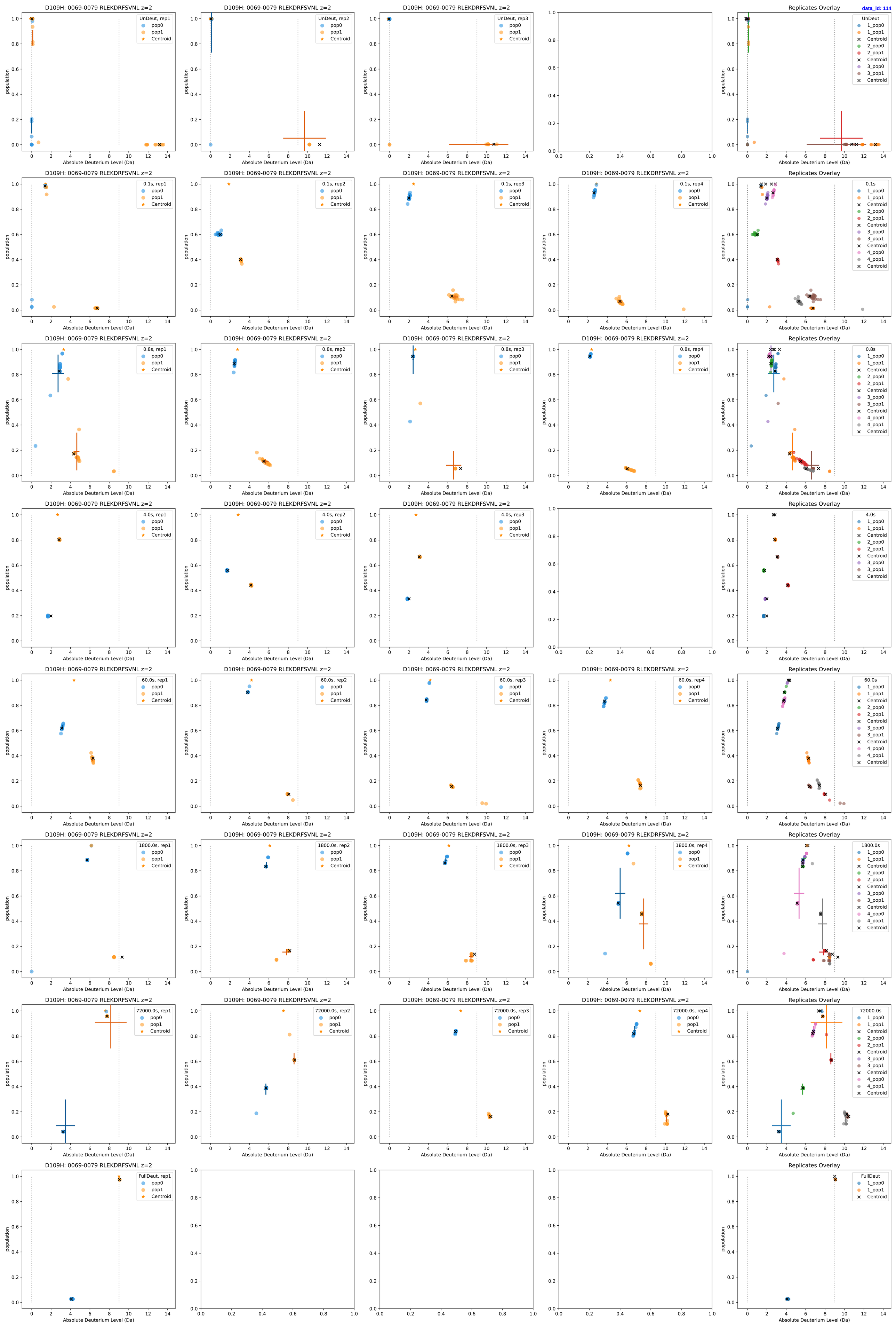

D109H: 0068-0079 MRLEKDRFSVNL z=2
data_id: 108
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4

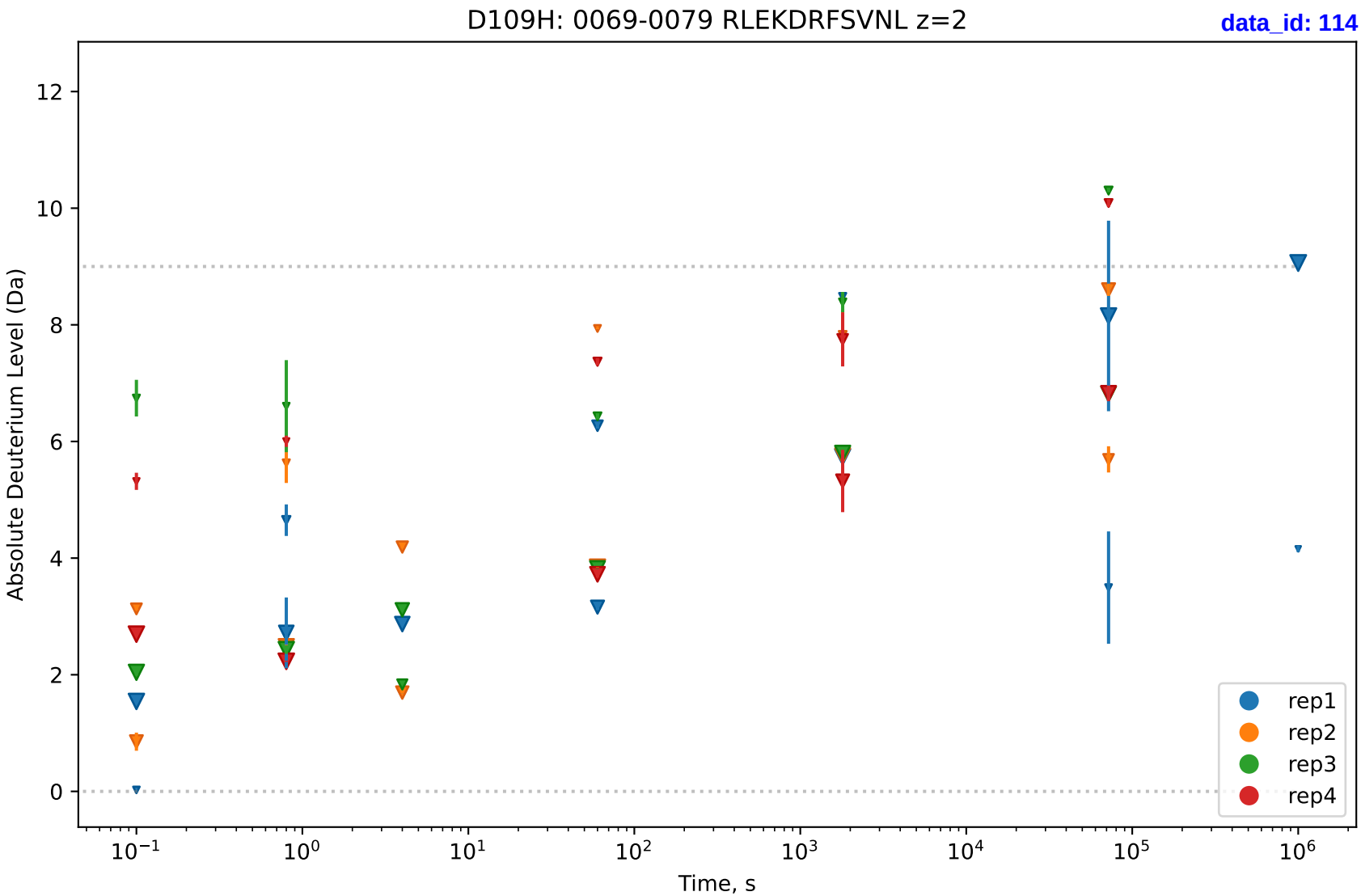

data_id: 111
D109H: 0069-0075 RLEKDRF z=2
Env res: 0.73
data UnDeut, rep 1
fit sum N=2
pop1 = 0.74
Dabs_1 = 0.2
m/z = 482.61
pop2 = 0.26
Dabs_2 = 1.4
m/z = 482.97
m/z = 482.69
Env res: 0.75
data UnDeut, rep 2
fit sum N=2
pop1 = 0.64
Dabs_1 = 0.3
m/z = 482.65
pop2 = 0.36
Dabs_2 = 1.2
m/z = 482.93
m/z = 482.73
Env res: 0.75
data UnDeut, rep 3
fit sum N=2
pop1 = 0.85
Dabs_1 = 0.4
m/z = 482.67
pop2 = 0.15
Dabs_2 = 1.5
m/z = 483.00
m/z = 482.71
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 1.05
data 0.1s, rep 1
fit sum N=2
pop1 = 0.75
Dabs_1 = 0.7
m/z = 482.77
pop2 = 0.25
Dabs_2 = 3.6
m/z = 483.62
m/z = 482.98
Env res: 0.94
data 0.1s, rep 2
fit sum N=2
pop1 = 0.23
Dabs_1 = 0.6
m/z = 482.74
pop2 = 0.77
Dabs_2 = 2.2
m/z = 483.19
m/z = 483.08
Env res: 0.83
data 0.1s, rep 3
fit sum N=2
pop1 = 0.80
Dabs_1 = 1.3
m/z = 482.94
pop2 = 0.20
Dabs_2 = 2.0
m/z = 483.15
m/z = 482.99
Env res: 0.92
data 0.1s, rep 4
fit sum N=2
pop1 = 0.55
Dabs_1 = 1.5
m/z = 482.99
pop2 = 0.45
Dabs_2 = 2.9
m/z = 483.40
m/z = 483.17
Replicates Overlay
data 0.1s
rep 1
rep 2
rep 3
rep 4
Env res: 0.81
data 0.8s, rep 1
fit sum N=2
pop1 = 0.86
Dabs_1 = 2.5
m/z = 483.29
pop2 = 0.14
Dabs_2 = 2.8
m/z = 483.36
m/z = 483.31
Env res: 0.90
data 0.8s, rep 2
fit sum N=2
pop1 = 0.78
Dabs_1 = 1.6
m/z = 483.05
pop2 = 0.22
Dabs_2 = 5.0
m/z = 484.11
m/z = 483.26
Env res: 0.96
data 0.8s, rep 3
fit sum N=2
pop1 = 0.83
Dabs_1 = 1.8
m/z = 483.06
pop2 = 0.17
Dabs_2 = 4.9
m/z = 483.98
m/z = 483.21
Env res: 0.93
data 0.8s, rep 4
fit sum N=2
pop1 = 0.84
Dabs_1 = 1.7
m/z = 483.05
pop2 = 0.16
Dabs_2 = 4.7
m/z = 484.13
m/z = 483.20
Replicates Overlay
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 1.03
data 4.0s, rep 1
fit sum N=2
pop1 = 0.57
Dabs_1 = 0.8
m/z = 482.82
pop2 = 0.43
Dabs_2 = 5.1
m/z = 484.13
m/z = 483.40
Env res: 1.07
data 4.0s, rep 2
fit sum N=2
pop1 = 0.64
Dabs_1 = 1.5
m/z = 483.00
pop2 = 0.36
Dabs_2 = 4.7
m/z = 483.99
m/z = 483.35
Env res: 1.01
data 4.0s, rep 3
fit sum N=2
pop1 = 0.61
Dabs_1 = 1.3
m/z = 482.95
pop2 = 0.39
Dabs_2 = 4.6
m/z = 483.96
m/z = 483.33
Replicates Overlay
data 4.0s
rep 1
rep 2
rep 3
Env res: 1.03
data 60.0s, rep 1
fit sum N=2
pop1 = 0.40
Dabs_1 = 1.8
m/z = 483.08
pop2 = 0.60
Dabs_2 = 5.2
m/z = 484.08
m/z = 483.67
Env res: 1.10
data 60.0s, rep 2
fit sum N=2
pop1 = 0.49
Dabs_1 = 0.9
m/z = 482.85
pop2 = 0.51
Dabs_2 = 6.8
m/z = 484.56
m/z = 483.74
Env res: 0.95
data 60.0s, rep 3
fit sum N=2
pop1 = 0.22
Dabs_1 = 1.1
m/z = 482.88
pop2 = 0.78
Dabs_2 = 4.4
m/z = 483.85
m/z = 483.62
Env res: 1.02
data 60.0s, rep 4
fit sum N=2
pop1 = 0.72
Dabs_1 = 2.5
m/z = 483.29
pop2 = 0.28
Dabs_2 = 6.3
m/z = 484.45
m/z = 483.60
Replicates Overlay
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 0.92
data 1800.0s, rep 1
fit sum N=2
pop1 = 0.19
Dabs_1 = 1.9
m/z = 483.17
pop2 = 0.81
Dabs_2 = 5.1
m/z = 484.08
m/z = 483.87
Env res: 0.91
data 1800.0s, rep 2
fit sum N=2
pop1 = 0.13
Dabs_1 = 1.3
m/z = 482.94
pop2 = 0.87
Dabs_2 = 5.1
m/z = 484.04
m/z = 483.89
Env res: 0.90
data 1800.0s, rep 3
fit sum N=2
pop1 = 0.30
Dabs_1 = 2.4
m/z = 483.24
pop2 = 0.70
Dabs_2 = 5.2
m/z = 484.06
m/z = 483.82
Env res: 0.90
data 1800.0s, rep 4
fit sum N=2
pop1 = 0.10
Dabs_1 = 1.4
m/z = 482.96
pop2 = 0.90
Dabs_2 = 4.9
m/z = 483.97
m/z = 483.87
Replicates Overlay
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 0.91
data 72000.0s, rep 1
fit sum N=2
pop1 = 0.21
Dabs_1 = 2.0
m/z = 483.20
pop2 = 0.79
Dabs_2 = 5.3
m/z = 484.12
m/z = 483.89
Env res: 0.94
data 72000.0s, rep 2
fit sum N=2
pop1 = 0.65
Dabs_1 = 3.5
m/z = 483.58
pop2 = 0.35
Dabs_2 = 6.9
m/z = 484.58
m/z = 483.92
Env res: 0.89
data 72000.0s, rep 3
fit sum N=2
pop1 = 0.21
Dabs_1 = 2.3
m/z = 483.23
pop2 = 0.79
Dabs_2 = 5.0
m/z = 484.01
m/z = 483.85
Env res: 0.87
data 72000.0s, rep 4
fit sum N=2
pop1 = 0.12
Dabs_1 = 1.4
m/z = 482.96
pop2 = 0.88
Dabs_2 = 4.8
m/z = 483.96
m/z = 483.85
Replicates Overlay
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 0.90
data FullDeut, rep 1
fit sum N=2
pop1 = 0.42
Dabs_1 = 2.0
m/z = 483.28
pop2 = 0.58
Dabs_2 = 6.6
m/z = 484.63
m/z = 484.09
Env res: 0.89
data FullDeut, rep 2
fit sum N=2
pop1 = 0.14
Dabs_1 = 3.0
m/z = 483.46
pop2 = 0.86
Dabs_2 = 5.1
m/z = 484.04
m/z = 483.95
Replicates Overlay
data FullDeut
rep 1
rep 2
Intensity
m/z


data_id: 111
D109H: 0069-0075 RLEKDRF z=2
Replicates Overlay
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
UnDeut
0.1s, rep1
0.1s, rep2
0.1s, rep3
0.1s, rep4
0.1s
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
0.8s
4.0s, rep1
4.0s, rep2
4.0s, rep3
4.0s
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, rep4
60.0s
1800.0s, rep1
1800.0s, rep2
1800.0s, rep3
1800.0s, rep4
1800.0s
72000.0s, rep1
72000.0s, rep2
72000.0s, rep3
72000.0s, rep4
72000.0s
FullDeut, rep1
FullDeut, rep2
FullDeut
pop0
pop1
Centroid
1_pop0
1_pop1
2_pop0
2_pop1
3_pop0
3_pop1
4_pop0
4_pop1
population
Absolute Deuterium Level (Da)

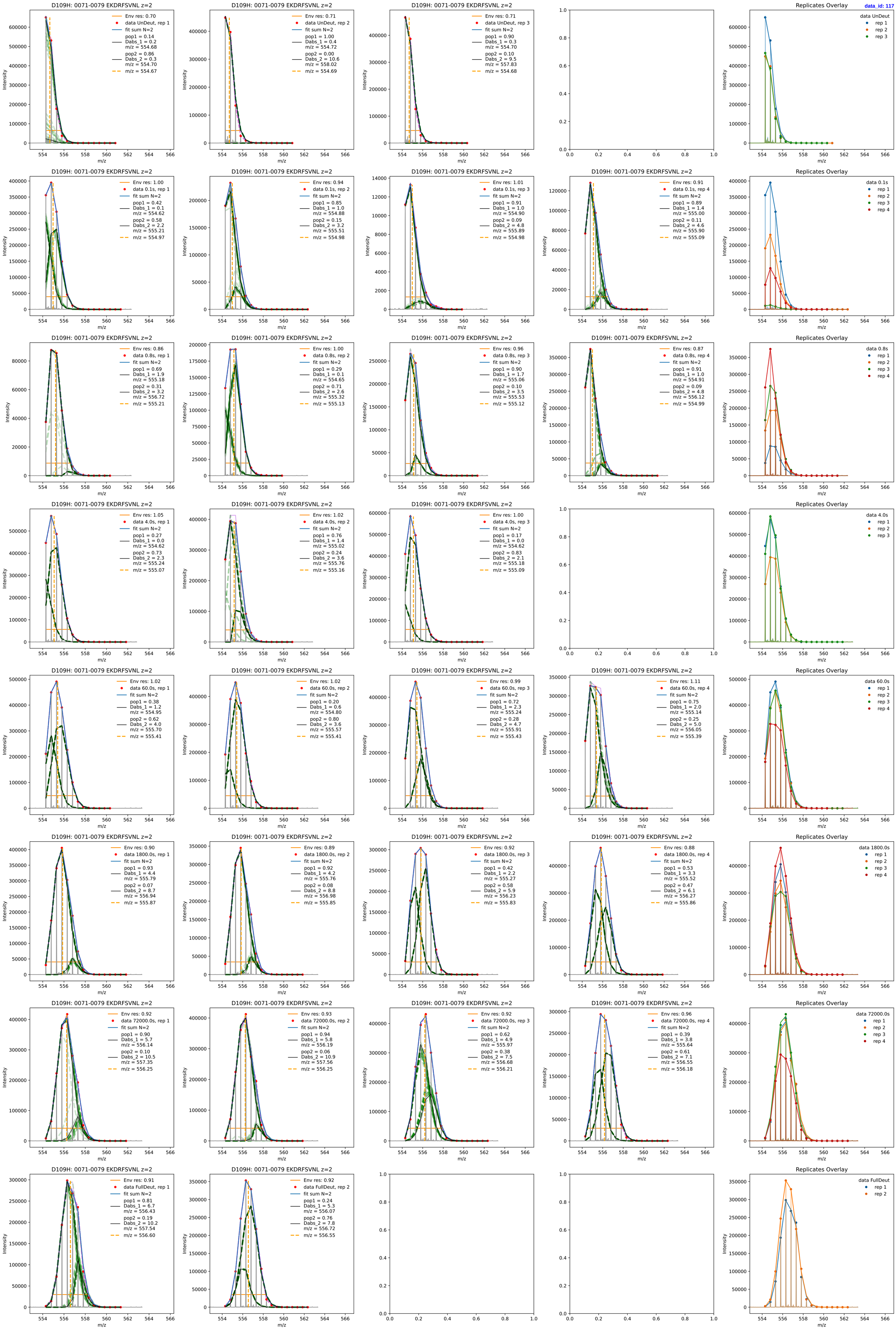

D109H: 0069-0075 RLEKDRF z=2
data_id: 111
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4

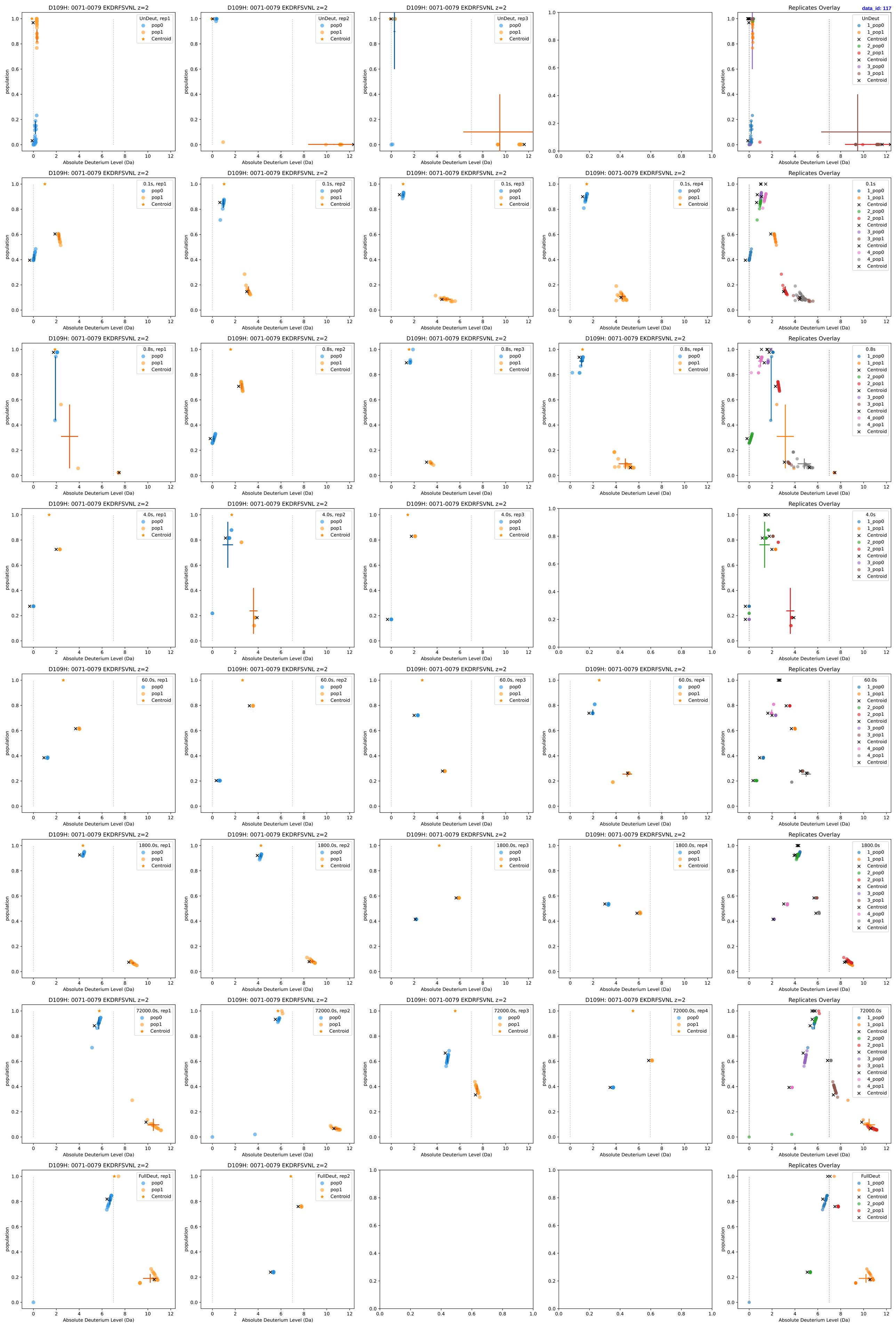

data_id: 114
D109H: 0069-0079 RLEKDRFSVNL z=2
Env res: 0.72
data UnDeut, rep 1
fit sum N=2
pop1 = 0.15
Dabs_1 = 0.0
m/z = 689.32
pop2 = 0.85
Dabs_2 = 0.1
m/z = 693.19
m/z = 689.27
Env res: 0.72
data UnDeut, rep 2
fit sum N=2
pop1 = 0.95
Dabs_1 = 0.1
m/z = 689.32
pop2 = 0.05
Dabs_2 = 9.7
m/z = 692.62
m/z = 689.29
Env res: 0.71
data UnDeut, rep 3
fit sum N=2
pop1 = 1.00
Dabs_1 = 0.0
m/z = 689.29
pop2 = 0.00
Dabs_2 = 9.2
m/z = 692.48
m/z = 689.26
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 0.88
data 0.1s, rep 1
fit sum N=2
pop1 = 0.08
Dabs_1 = 0.0
m/z = 689.71
pop2 = 0.92
Dabs_2 = 1.5
m/z = 691.30
m/z = 689.73
Env res: 0.85
data 0.1s, rep 2
fit sum N=2
pop1 = 0.60
Dabs_1 = 0.9
m/z = 689.60
pop2 = 0.40
Dabs_2 = 3.1
m/z = 690.21
m/z = 689.86
Env res: 1.11
data 0.1s, rep 3
fit sum N=2
pop1 = 0.90
Dabs_1 = 2.0
m/z = 689.89
pop2 = 0.10
Dabs_2 = 6.7
m/z = 691.20
m/z = 690.04
Env res: 0.92
data 0.1s, rep 4
fit sum N=2
pop1 = 0.93
Dabs_1 = 2.7
m/z = 690.08
pop2 = 0.07
Dabs_2 = 5.3
m/z = 690.87
m/z = 690.16
Replicates Overlay
data 0.1s
rep 1
rep 2
rep 3
rep 4
Env res: 0.95
data 0.8s, rep 1
fit sum N=2
pop1 = 0.81
Dabs_1 = 2.7
m/z = 690.15
pop2 = 0.19
Dabs_2 = 4.7
m/z = 690.59
m/z = 690.28
Env res: 0.89
data 0.8s, rep 2
fit sum N=2
pop1 = 0.89
Dabs_1 = 2.5
m/z = 690.02
pop2 = 0.11
Dabs_2 = 5.6
m/z = 690.93
m/z = 690.12
Env res: 0.86
data 0.8s, rep 3
fit sum N=2
pop1 = 0.92
Dabs_1 = 2.4
m/z = 690.01
pop2 = 0.08
Dabs_2 = 6.6
m/z = 691.47
m/z = 690.09
Env res: 0.85
data 0.8s, rep 4
fit sum N=2
pop1 = 0.94
Dabs_1 = 2.2
m/z = 689.95
pop2 = 0.06
Dabs_2 = 6.0
m/z = 691.09
m/z = 690.01
Replicates Overlay
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 0.90
data 4.0s, rep 1
fit sum N=2
pop1 = 0.20
Dabs_1 = 1.7
m/z = 689.89
pop2 = 0.80
Dabs_2 = 2.9
m/z = 690.14
m/z = 690.09
Env res: 0.89
data 4.0s, rep 2
fit sum N=2
pop1 = 0.56
Dabs_1 = 1.7
m/z = 689.83
pop2 = 0.44
Dabs_2 = 4.2
m/z = 690.53
m/z = 690.14
Env res: 0.88
data 4.0s, rep 3
fit sum N=2
pop1 = 0.33
Dabs_1 = 1.8
m/z = 689.90
pop2 = 0.67
Dabs_2 = 3.1
m/z = 690.21
m/z = 690.11
Replicates Overlay
data 4.0s
rep 1
rep 2
rep 3
Env res: 0.96
data 60.0s, rep 1
fit sum N=2
pop1 = 0.63
Dabs_1 = 3.2
m/z = 690.22
pop2 = 0.37
Dabs_2 = 6.3
m/z = 691.17
m/z = 690.59
Env res: 0.95
data 60.0s, rep 2
fit sum N=2
pop1 = 0.90
Dabs_1 = 3.8
m/z = 690.43
pop2 = 0.10
Dabs_2 = 7.9
m/z = 691.68
m/z = 690.55
Env res: 0.93
data 60.0s, rep 3
fit sum N=2
pop1 = 0.84
Dabs_1 = 3.8
m/z = 690.42
pop2 = 0.16
Dabs_2 = 6.4
m/z = 691.19
m/z = 690.54
Env res: 0.95
data 60.0s, rep 4
fit sum N=2
pop1 = 0.82
Dabs_1 = 3.7
m/z = 690.40
pop2 = 0.18
Dabs_2 = 7.4
m/z = 691.49
m/z = 690.58
Replicates Overlay
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 0.95
data 1800.0s, rep 1
fit sum N=2
pop1 = 0.89
Dabs_1 = 5.7
m/z = 690.99
pop2 = 0.11
Dabs_2 = 8.5
m/z = 692.05
m/z = 691.11
Env res: 0.94
data 1800.0s, rep 2
fit sum N=2
pop1 = 0.85
Dabs_1 = 5.8
m/z = 690.98
pop2 = 0.15
Dabs_2 = 7.8
m/z = 691.71
m/z = 691.10
Env res: 0.96
data 1800.0s, rep 3
fit sum N=2
pop1 = 0.88
Dabs_1 = 5.8
m/z = 690.98
pop2 = 0.12
Dabs_2 = 8.4
m/z = 691.89
m/z = 691.11
Env res: 0.96
data 1800.0s, rep 4
fit sum N=2
pop1 = 0.62
Dabs_1 = 5.3
m/z = 690.82
pop2 = 0.38
Dabs_2 = 7.8
m/z = 691.53
m/z = 691.14
Replicates Overlay
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 0.97
data 72000.0s, rep 1
fit sum N=2
pop1 = 0.09
Dabs_1 = 3.5
m/z = 690.26
pop2 = 0.91
Dabs_2 = 8.2
m/z = 691.60
m/z = 691.55
Env res: 1.00
data 72000.0s, rep 2
fit sum N=2
pop1 = 0.38
Dabs_1 = 5.7
m/z = 690.99
pop2 = 0.62
Dabs_2 = 8.6
m/z = 691.86
m/z = 691.52
Env res: 1.00
data 72000.0s, rep 3
fit sum N=2
pop1 = 0.83
Dabs_1 = 6.8
m/z = 691.31
pop2 = 0.17
Dabs_2 = 10.3
m/z = 692.38
m/z = 691.47
Env res: 0.99
data 72000.0s, rep 4
fit sum N=2
pop1 = 0.84
Dabs_1 = 6.8
m/z = 691.29
pop2 = 0.16
Dabs_2 = 10.1
m/z = 692.33
m/z = 691.48
Replicates Overlay
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 0.98
data FullDeut, rep 1
fit sum N=2
pop1 = 0.03
Dabs_1 = 4.2
m/z = 690.51
pop2 = 0.97
Dabs_2 = 9.1
m/z = 691.97
m/z = 691.96
Replicates Overlay
data FullDeut
rep 1
Intensity
m/z

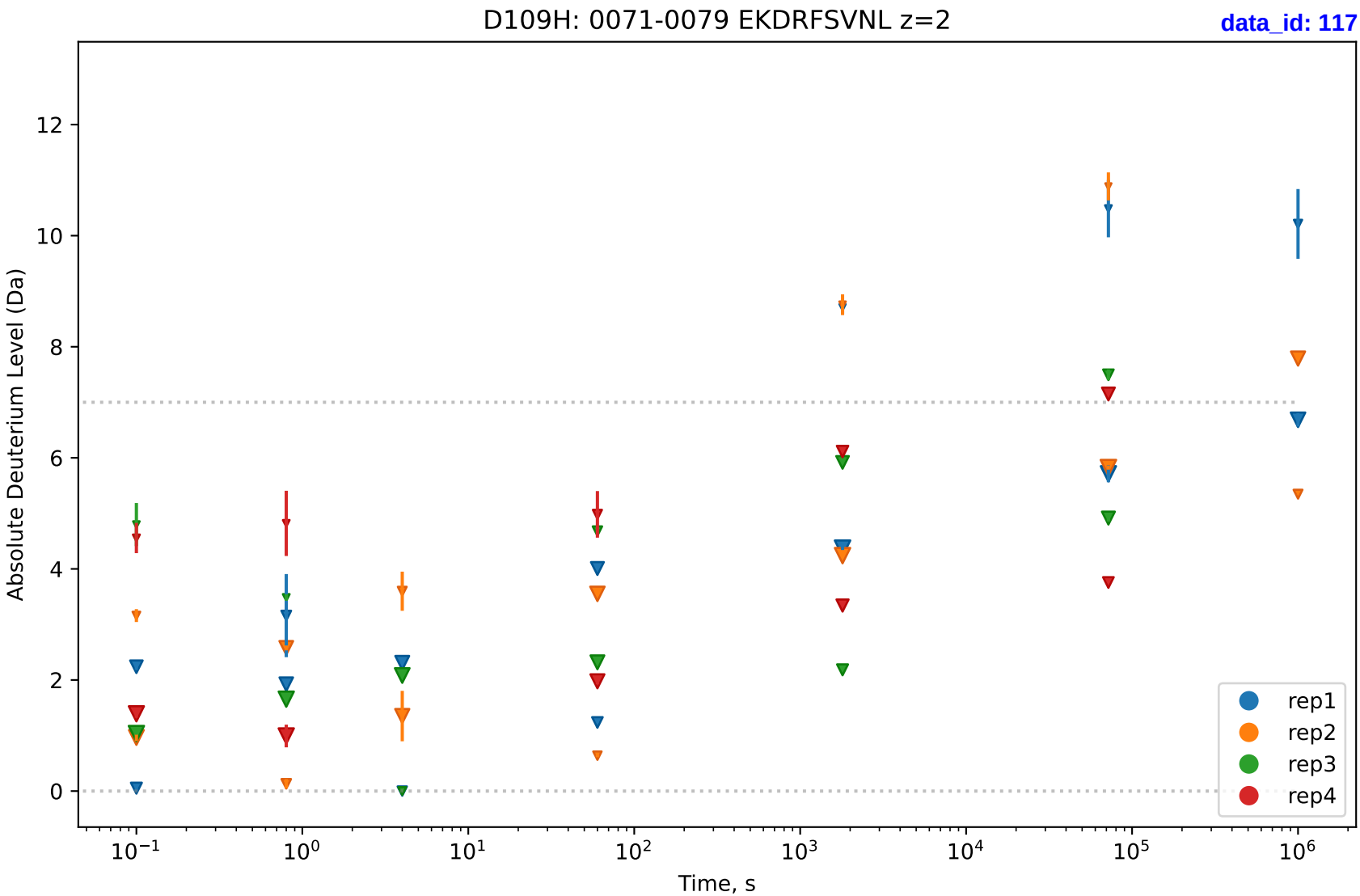

data_id: 114
D109H: 0069-0079 RLEKDRFSVNL z=2
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
Replicates Overlay
UnDeut
0.1s, rep1
0.1s, rep2
0.1s, rep3
0.1s, rep4
0.1s
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
0.8s
4.0s, rep1
4.0s, rep2
4.0s, rep3
4.0s
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, rep4
60.0s
1800.0s, rep1
1800.0s, rep2
1800.0s, rep3
1800.0s, rep4
1800.0s
72000.0s, rep1
72000.0s, rep2
72000.0s, rep3
72000.0s, rep4
72000.0s
FullDeut, rep1
FullDeut
pop0
pop1
Centroid
1_pop0
1_pop1
2_pop0
2_pop1
3_pop0
3_pop1
4_pop0
4_pop1
population
Absolute Deuterium Level (Da)

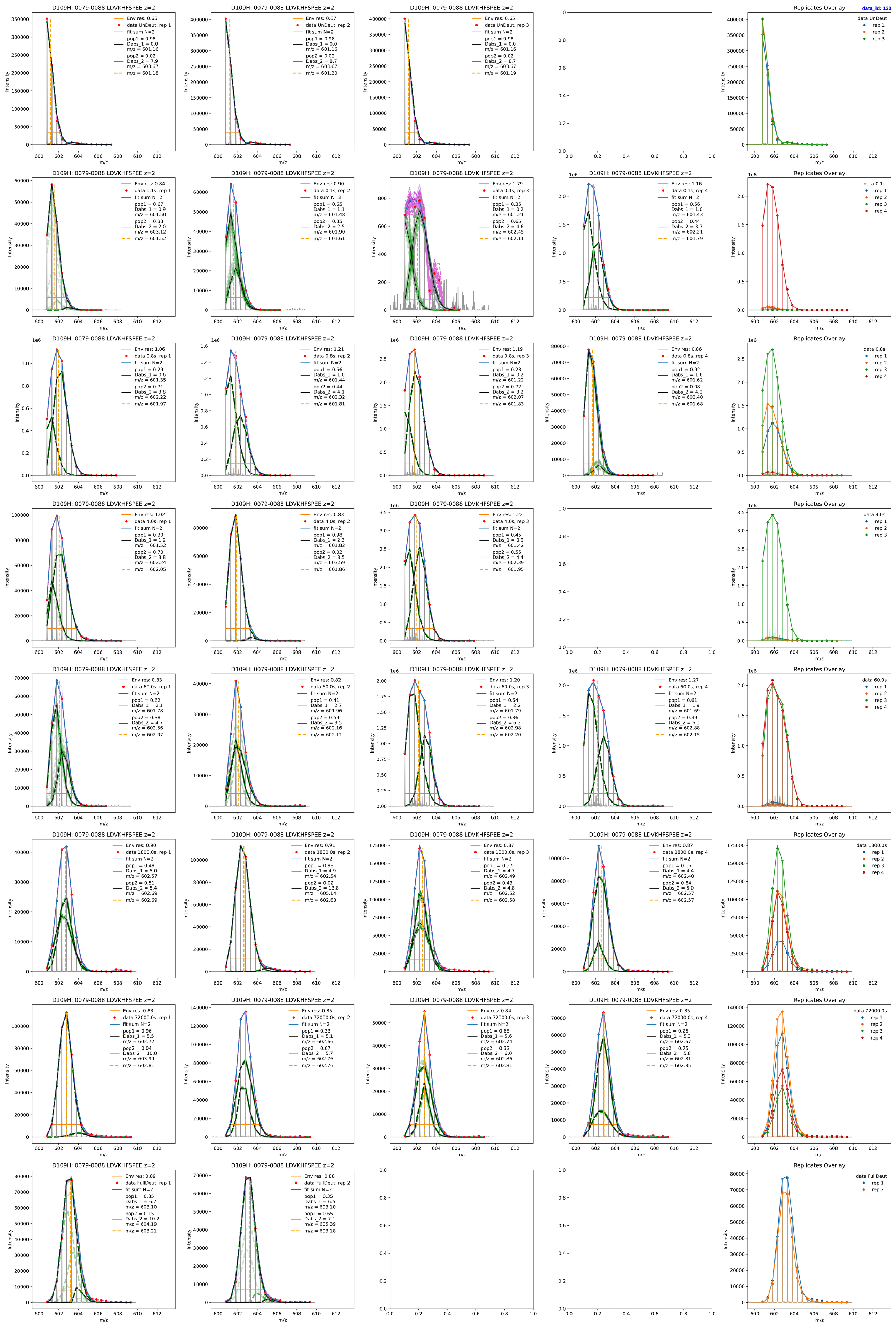

D109H: 0069-0079 RLEKDRFSVNL z=2
data_id: 114
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4

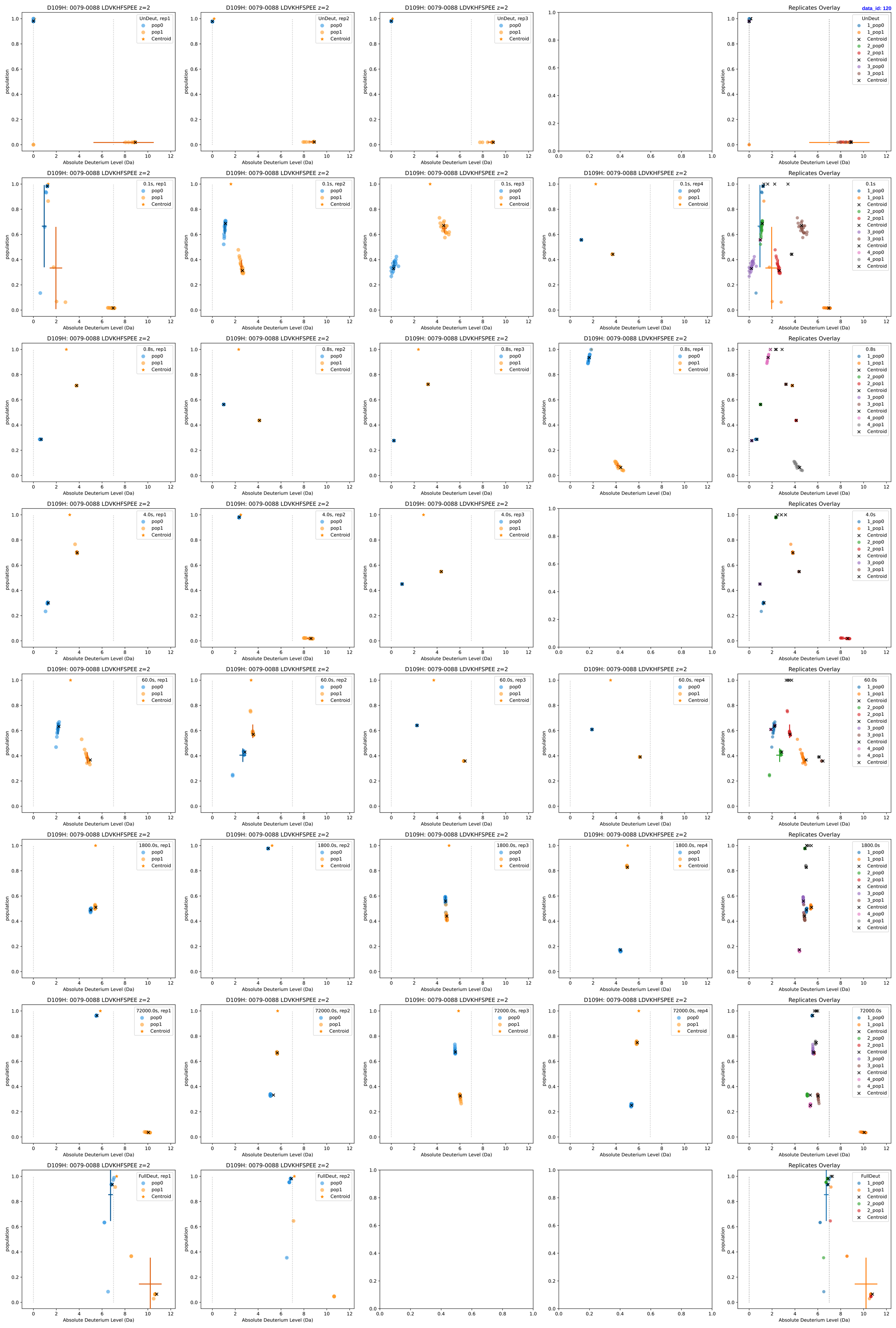
data_id: 117

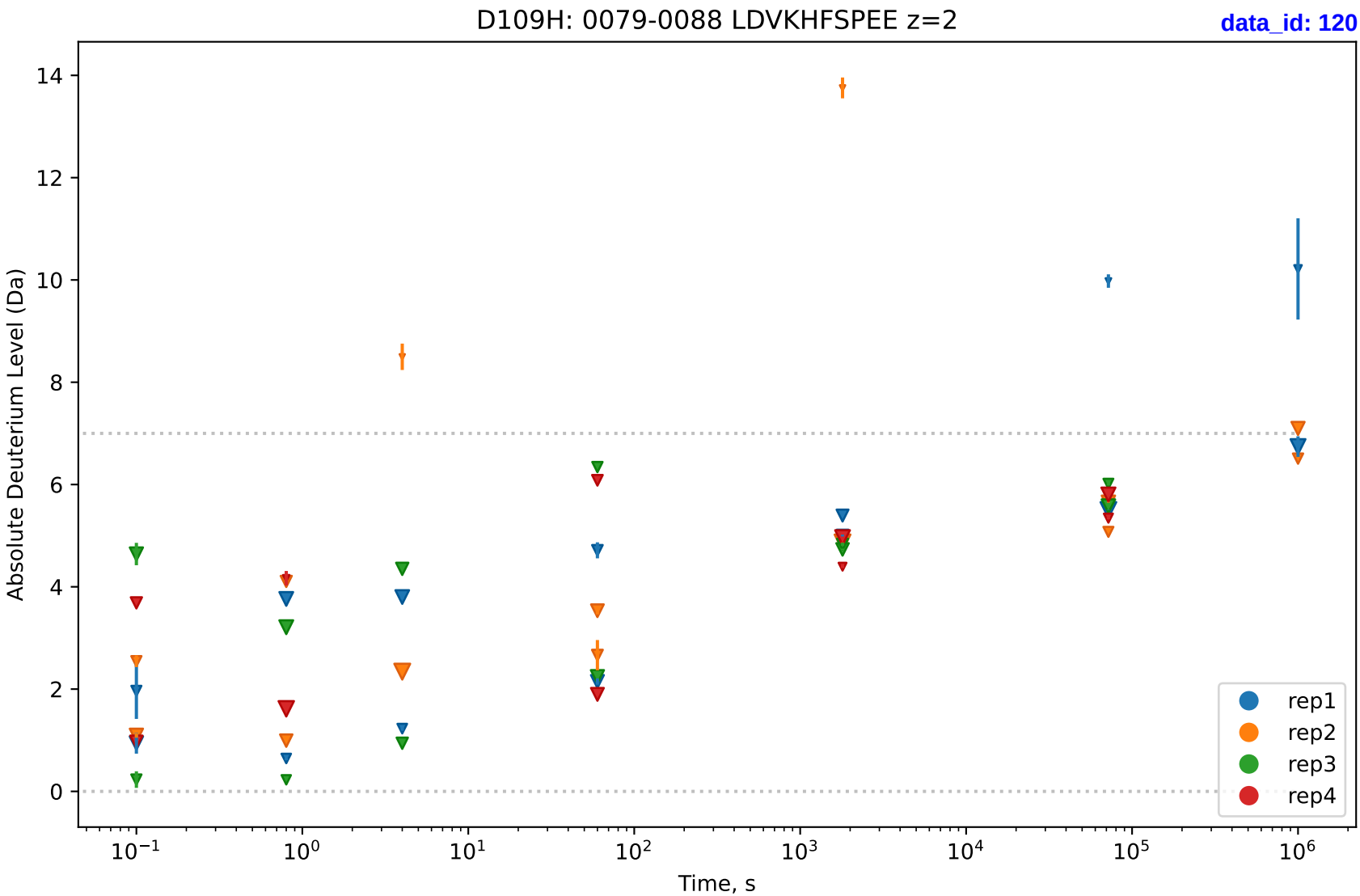

D109H: 0071-0079 EKDRFSVNL z=2
Env res: 0.70
data UnDeut, rep 1
fit sum N=2
pop1 = 0.14
Dabs_1 = 0.2
m/z = 554.68
pop2 = 0.86
Dabs_2 = 0.3
m/z = 554.70
m/z = 554.67
Env res: 0.71
data UnDeut, rep 2
fit sum N=2
pop1 = 1.00
Dabs_1 = 0.4
m/z = 554.72
pop2 = 0.00
Dabs_2 = 10.6
m/z = 558.02
m/z = 554.69
Env res: 0.71
data UnDeut, rep 3
fit sum N=2
pop1 = 0.90
Dabs_1 = 0.3
m/z = 554.70
pop2 = 0.10
Dabs_2 = 9.5
m/z = 557.83
m/z = 554.68
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 1.00
data 0.1s, rep 1
fit sum N=2
pop1 = 0.42
Dabs_1 = 0.1
m/z = 554.62
pop2 = 0.58
Dabs_2 = 2.2
m/z = 555.21
m/z = 554.97
Env res: 0.94
data 0.1s, rep 2
fit sum N=2
pop1 = 0.85
Dabs_1 = 1.0
m/z = 554.88
pop2 = 0.15
Dabs_2 = 3.2
m/z = 555.51
m/z = 554.98
Env res: 1.01
data 0.1s, rep 3
fit sum N=2
pop1 = 0.91
Dabs_1 = 1.0
m/z = 554.90
pop2 = 0.09
Dabs_2 = 4.8
m/z = 555.89
m/z = 554.98
Env res: 0.91
data 0.1s, rep 4
fit sum N=2
pop1 = 0.89
Dabs_1 = 1.4
m/z = 555.00
pop2 = 0.11
Dabs_2 = 4.6
m/z = 555.90
m/z = 555.09
Replicates Overlay
data 0.1s
rep 1
rep 2
rep 3
rep 4
Env res: 0.86
data 0.8s, rep 1
fit sum N=2
pop1 = 0.69
Dabs_1 = 1.9
m/z = 555.18
pop2 = 0.31
Dabs_2 = 3.2
m/z = 556.72
m/z = 555.21
Env res: 1.00
data 0.8s, rep 2
fit sum N=2
pop1 = 0.29
Dabs_1 = 0.1
m/z = 554.65
pop2 = 0.71
Dabs_2 = 2.6
m/z = 555.32
m/z = 555.13
Env res: 0.96
data 0.8s, rep 3
fit sum N=2
pop1 = 0.90
Dabs_1 = 1.7
m/z = 555.06
pop2 = 0.10
Dabs_2 = 3.5
m/z = 555.53
m/z = 555.12
Env res: 0.87
data 0.8s, rep 4
fit sum N=2
pop1 = 0.91
Dabs_1 = 1.0
m/z = 554.91
pop2 = 0.09
Dabs_2 = 4.8
m/z = 556.12
m/z = 554.99
Replicates Overlay
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 1.05
data 4.0s, rep 1
fit sum N=2
pop1 = 0.27
Dabs_1 = 0.0
m/z = 554.62
pop2 = 0.73
Dabs_2 = 2.3
m/z = 555.24
m/z = 555.07
Env res: 1.02
data 4.0s, rep 2
fit sum N=2
pop1 = 0.76
Dabs_1 = 1.4
m/z = 555.02
pop2 = 0.24
Dabs_2 = 3.6
m/z = 555.76
m/z = 555.16
Env res: 1.00
data 4.0s, rep 3
fit sum N=2
pop1 = 0.17
Dabs_1 = 0.0
m/z = 554.62
pop2 = 0.83
Dabs_2 = 2.1
m/z = 555.18
m/z = 555.09
Replicates Overlay
data 4.0s
rep 1
rep 2
rep 3
Env res: 1.02
data 60.0s, rep 1
fit sum N=2
pop1 = 0.38
Dabs_1 = 1.2
m/z = 554.95
pop2 = 0.62
Dabs_2 = 4.0
m/z = 555.70
m/z = 555.41
Env res: 1.02
data 60.0s, rep 2
fit sum N=2
pop1 = 0.20
Dabs_1 = 0.6
m/z = 554.80
pop2 = 0.80
Dabs_2 = 3.6
m/z = 555.57
m/z = 555.41
Env res: 0.99
data 60.0s, rep 3
fit sum N=2
pop1 = 0.72
Dabs_1 = 2.3
m/z = 555.24
pop2 = 0.28
Dabs_2 = 4.7
m/z = 555.91
m/z = 555.43
Env res: 1.11
data 60.0s, rep 4
fit sum N=2
pop1 = 0.75
Dabs_1 = 2.0
m/z = 555.14
pop2 = 0.25
Dabs_2 = 5.0
m/z = 556.05
m/z = 555.39
Replicates Overlay
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 0.90
data 1800.0s, rep 1
fit sum N=2
pop1 = 0.93
Dabs_1 = 4.4
m/z = 555.79
pop2 = 0.07
Dabs_2 = 8.7
m/z = 556.94
m/z = 555.87
Env res: 0.89
data 1800.0s, rep 2
fit sum N=2
pop1 = 0.92
Dabs_1 = 4.2
m/z = 555.76
pop2 = 0.08
Dabs_2 = 8.8
m/z = 556.98
m/z = 555.85
Env res: 0.92
data 1800.0s, rep 3
fit sum N=2
pop1 = 0.42
Dabs_1 = 2.2
m/z = 555.27
pop2 = 0.58
Dabs_2 = 5.9
m/z = 556.23
m/z = 555.83
Env res: 0.88
data 1800.0s, rep 4
fit sum N=2
pop1 = 0.53
Dabs_1 = 3.3
m/z = 555.52
pop2 = 0.47
Dabs_2 = 6.1
m/z = 556.27
m/z = 555.86
Replicates Overlay
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 0.92
data 72000.0s, rep 1
fit sum N=2
pop1 = 0.90
Dabs_1 = 5.7
m/z = 556.14
pop2 = 0.10
Dabs_2 = 10.5
m/z = 557.35
m/z = 556.25
Env res: 0.93
data 72000.0s, rep 2
fit sum N=2
pop1 = 0.94
Dabs_1 = 5.8
m/z = 556.19
pop2 = 0.06
Dabs_2 = 10.9
m/z = 557.56
m/z = 556.25
Env res: 0.92
data 72000.0s, rep 3
fit sum N=2
pop1 = 0.62
Dabs_1 = 4.9
m/z = 555.97
pop2 = 0.38
Dabs_2 = 7.5
m/z = 556.68
m/z = 556.21
Env res: 0.96
data 72000.0s, rep 4
fit sum N=2
pop1 = 0.39
Dabs_1 = 3.8
m/z = 555.64
pop2 = 0.61
Dabs_2 = 7.1
m/z = 556.55
m/z = 556.18
Replicates Overlay
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 0.91
data FullDeut, rep 1
fit sum N=2
pop1 = 0.81
Dabs_1 = 6.7
m/z = 556.43
pop2 = 0.19
Dabs_2 = 10.2
m/z = 557.54
m/z = 556.60
Env res: 0.92
data FullDeut, rep 2
fit sum N=2
pop1 = 0.24
Dabs_1 = 5.3
m/z = 556.07
pop2 = 0.76
Dabs_2 = 7.8
m/z = 556.72
m/z = 556.55
Replicates Overlay
data FullDeut
rep 1
rep 2
Intensity
m/z


data_id: 117
D109H: 0071-0079 EKDRFSVNL z=2
Replicates Overlay
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
UnDeut
0.1s, rep1
0.1s, rep2
0.1s, rep3
0.1s, rep4
0.1s
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
0.8s
4.0s, rep1
4.0s, rep2
4.0s, rep3
4.0s
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, rep4
60.0s
1800.0s, rep1
1800.0s, rep2
1800.0s, rep3
1800.0s, rep4
1800.0s
72000.0s, rep1
72000.0s, rep2
72000.0s, rep3
72000.0s, rep4
72000.0s
FullDeut, rep1
FullDeut, rep2
FullDeut
pop0
pop1
Centroid
1_pop0
1_pop1
2_pop0
2_pop1
3_pop0
3_pop1
4_pop0
4_pop1
population
Absolute Deuterium Level (Da)

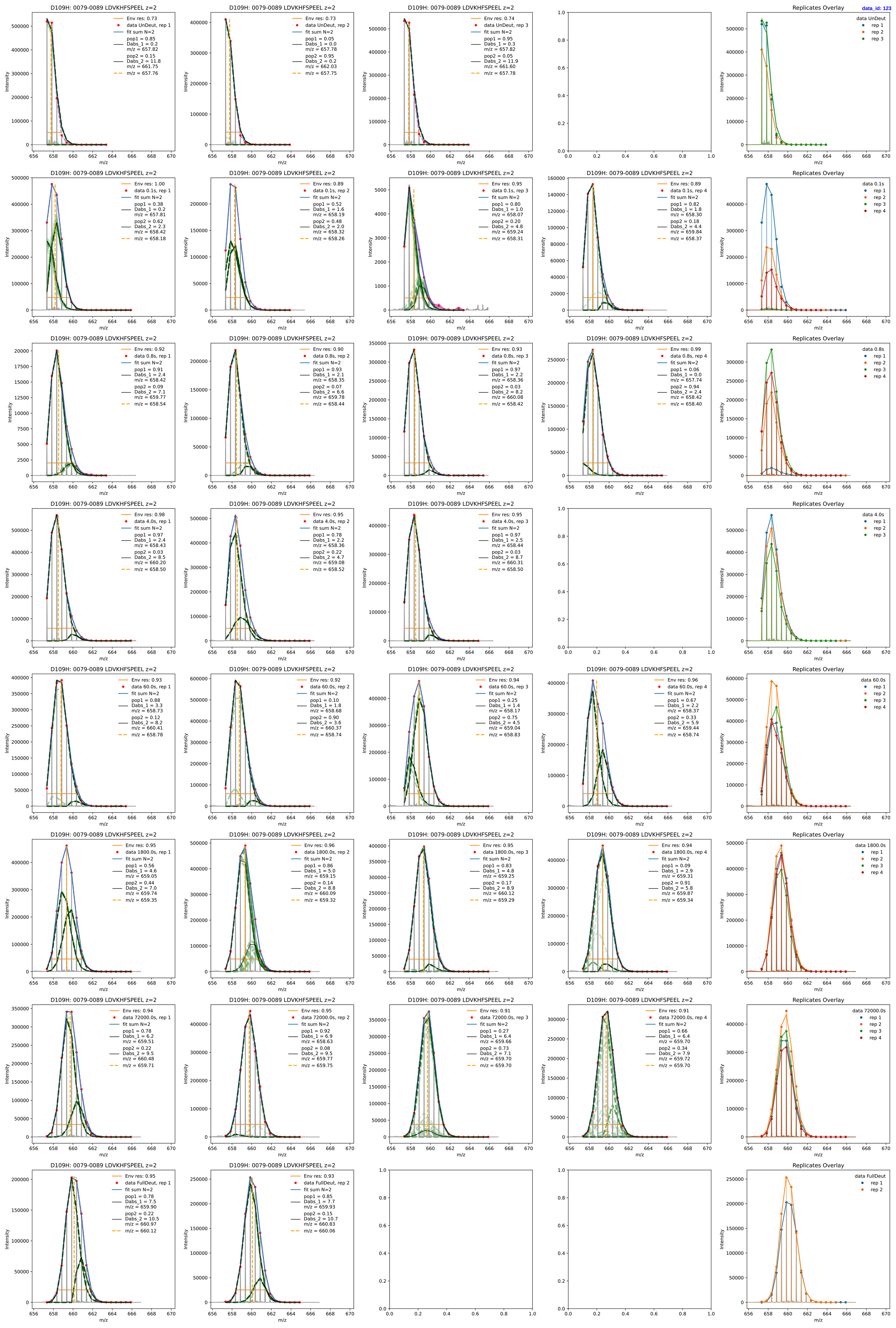

D109H: 0071-0079 EKDRFSVNL z=2
data_id: 117
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4

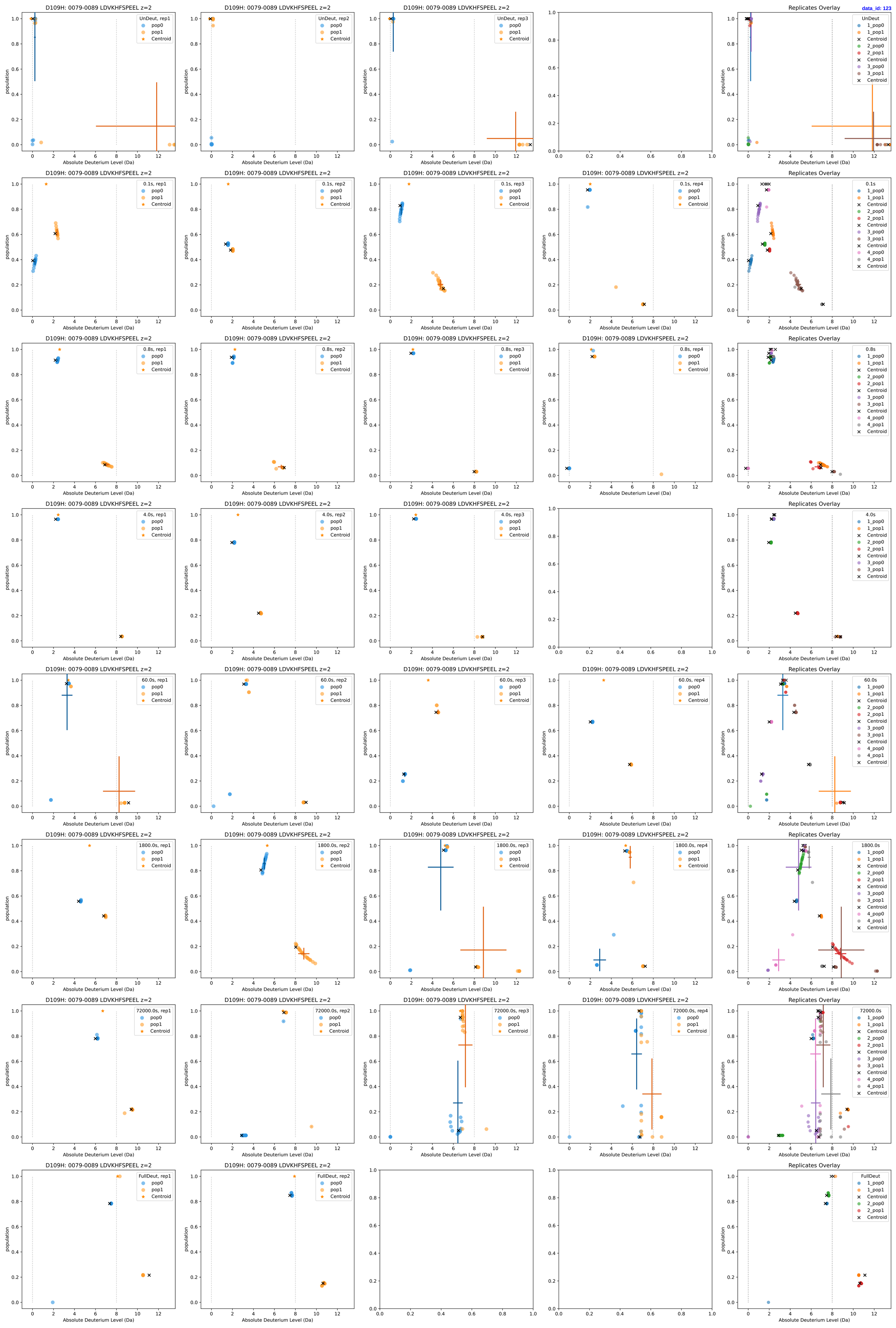

data_id: 120
D109H: 0079-0088 LDVKHFSPEE z=2
Env res: 0.65
data UnDeut, rep 1
fit sum N=2
pop1 = 0.98
Dabs_1 = 0.0
m/z = 601.16
pop2 = 0.02
Dabs_2 = 7.9
m/z = 603.67
m/z = 601.18
Env res: 0.67
data UnDeut, rep 2
pop1 = 0.98
Dabs_1 = 0.0
m/z = 601.16
pop2 = 0.02
Dabs_2 = 8.7
m/z = 603.67
m/z = 601.20
Env res: 0.65
data UnDeut, rep 3
pop1 = 0.98
Dabs_1 = 0.0
m/z = 601.16
pop2 = 0.02
Dabs_2 = 8.7
m/z = 603.67
m/z = 601.19
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 0.84
data 0.1s, rep 1
pop1 = 0.67
Dabs_1 = 0.9
m/z = 601.50
pop2 = 0.33
Dabs_2 = 2.0
m/z = 603.12
m/z = 601.52
Env res: 0.90
data 0.1s, rep 2
pop1 = 0.65
Dabs_1 = 1.1
m/z = 601.48
pop2 = 0.35
Dabs_2 = 2.5
m/z = 601.90
m/z = 601.61
Env res: 1.79
data 0.1s, rep 3
pop1 = 0.35
Dabs_1 = 0.2
m/z = 601.21
pop2 = 0.65
Dabs_2 = 4.6
m/z = 602.45
m/z = 602.11
Env res: 1.16
data 0.1s, rep 4
pop1 = 0.56
Dabs_1 = 1.0
m/z = 601.43
pop2 = 0.44
Dabs_2 = 3.7
m/z = 602.21
m/z = 601.79
data 0.1s
rep 1
rep 2
rep 3
rep 4
Env res: 1.06
data 0.8s, rep 1
pop1 = 0.29
Dabs_1 = 0.6
m/z = 601.35
pop2 = 0.71
Dabs_2 = 3.8
m/z = 602.22
m/z = 601.97
Env res: 1.21
data 0.8s, rep 2
pop1 = 0.56
Dabs_1 = 1.0
m/z = 601.44
pop2 = 0.44
Dabs_2 = 4.1
m/z = 602.32
m/z = 601.81
Env res: 1.19
data 0.8s, rep 3
pop1 = 0.28
Dabs_1 = 0.2
m/z = 601.22
pop2 = 0.72
Dabs_2 = 3.2
m/z = 602.07
m/z = 601.83
Env res: 0.86
data 0.8s, rep 4
pop1 = 0.92
Dabs_1 = 1.6
m/z = 601.62
pop2 = 0.08
Dabs_2 = 4.2
m/z = 602.40
m/z = 601.68
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 1.02
data 4.0s, rep 1
pop1 = 0.30
Dabs_1 = 1.2
m/z = 601.52
pop2 = 0.70
Dabs_2 = 3.8
m/z = 602.24
m/z = 602.05
Env res: 0.83
data 4.0s, rep 2
pop1 = 0.98
Dabs_1 = 2.3
m/z = 601.82
pop2 = 0.02
Dabs_2 = 8.5
m/z = 603.59
m/z = 601.86
Env res: 1.22
data 4.0s, rep 3
pop1 = 0.45
Dabs_1 = 0.9
m/z = 601.42
pop2 = 0.55
Dabs_2 = 4.4
m/z = 602.39
m/z = 601.95
data 4.0s
rep 1
rep 2
rep 3
Env res: 0.83
data 60.0s, rep 1
pop1 = 0.62
Dabs_1 = 2.1
m/z = 601.78
pop2 = 0.38
Dabs_2 = 4.7
m/z = 602.56
m/z = 602.07
Env res: 0.82
data 60.0s, rep 2
pop1 = 0.41
Dabs_1 = 2.7
m/z = 601.96
pop2 = 0.59
Dabs_2 = 3.5
m/z = 602.16
m/z = 602.11
Env res: 1.20
data 60.0s, rep 3
pop1 = 0.64
Dabs_1 = 2.2
m/z = 601.79
pop2 = 0.36
Dabs_2 = 6.3
m/z = 602.98
m/z = 602.20
Env res: 1.27
data 60.0s, rep 4
pop1 = 0.61
Dabs_1 = 1.9
m/z = 601.69
pop2 = 0.39
Dabs_2 = 6.1
m/z = 602.88
m/z = 602.15
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 0.90
data 1800.0s, rep 1
pop1 = 0.49
Dabs_1 = 5.0
m/z = 602.57
pop2 = 0.51
Dabs_2 = 5.4
m/z = 602.69
m/z = 602.69
Env res: 0.91
data 1800.0s, rep 2
pop1 = 0.98
Dabs_1 = 4.9
m/z = 602.54
pop2 = 0.02
Dabs_2 = 13.8
m/z = 605.14
m/z = 602.63
Env res: 0.87
data 1800.0s, rep 3
pop1 = 0.57
Dabs_1 = 4.7
m/z = 602.49
pop2 = 0.43
Dabs_2 = 4.8
m/z = 602.52
m/z = 602.58
Env res: 0.87
data 1800.0s, rep 4
pop1 = 0.16
Dabs_1 = 4.4
m/z = 602.40
pop2 = 0.84
Dabs_2 = 5.0
m/z = 602.57
m/z = 602.57
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 0.83
data 72000.0s, rep 1
pop1 = 0.96
Dabs_1 = 5.5
m/z = 602.72
pop2 = 0.04
Dabs_2 = 10.0
m/z = 603.99
m/z = 602.81
Env res: 0.85
data 72000.0s, rep 2
pop1 = 0.33
Dabs_1 = 5.1
m/z = 602.66
pop2 = 0.67
Dabs_2 = 5.7
m/z = 602.76
m/z = 602.76
Env res: 0.84
data 72000.0s, rep 3
pop1 = 0.68
Dabs_1 = 5.6
m/z = 602.74
pop2 = 0.32
Dabs_2 = 6.0
m/z = 602.86
m/z = 602.81
Env res: 0.85
data 72000.0s, rep 4
pop1 = 0.25
Dabs_1 = 5.3
m/z = 602.67
pop2 = 0.75
Dabs_2 = 5.8
m/z = 602.81
m/z = 602.85
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 0.89
data FullDeut, rep 1
pop1 = 0.85
Dabs_1 = 6.7
m/z = 603.10
pop2 = 0.15
Dabs_2 = 10.2
m/z = 604.19
m/z = 603.21
Env res: 0.88
data FullDeut, rep 2
pop1 = 0.35
Dabs_1 = 6.5
m/z = 603.10
pop2 = 0.65
Dabs_2 = 7.1
m/z = 605.39
m/z = 603.18
data FullDeut
rep 1
rep 2
Intensity
m/z

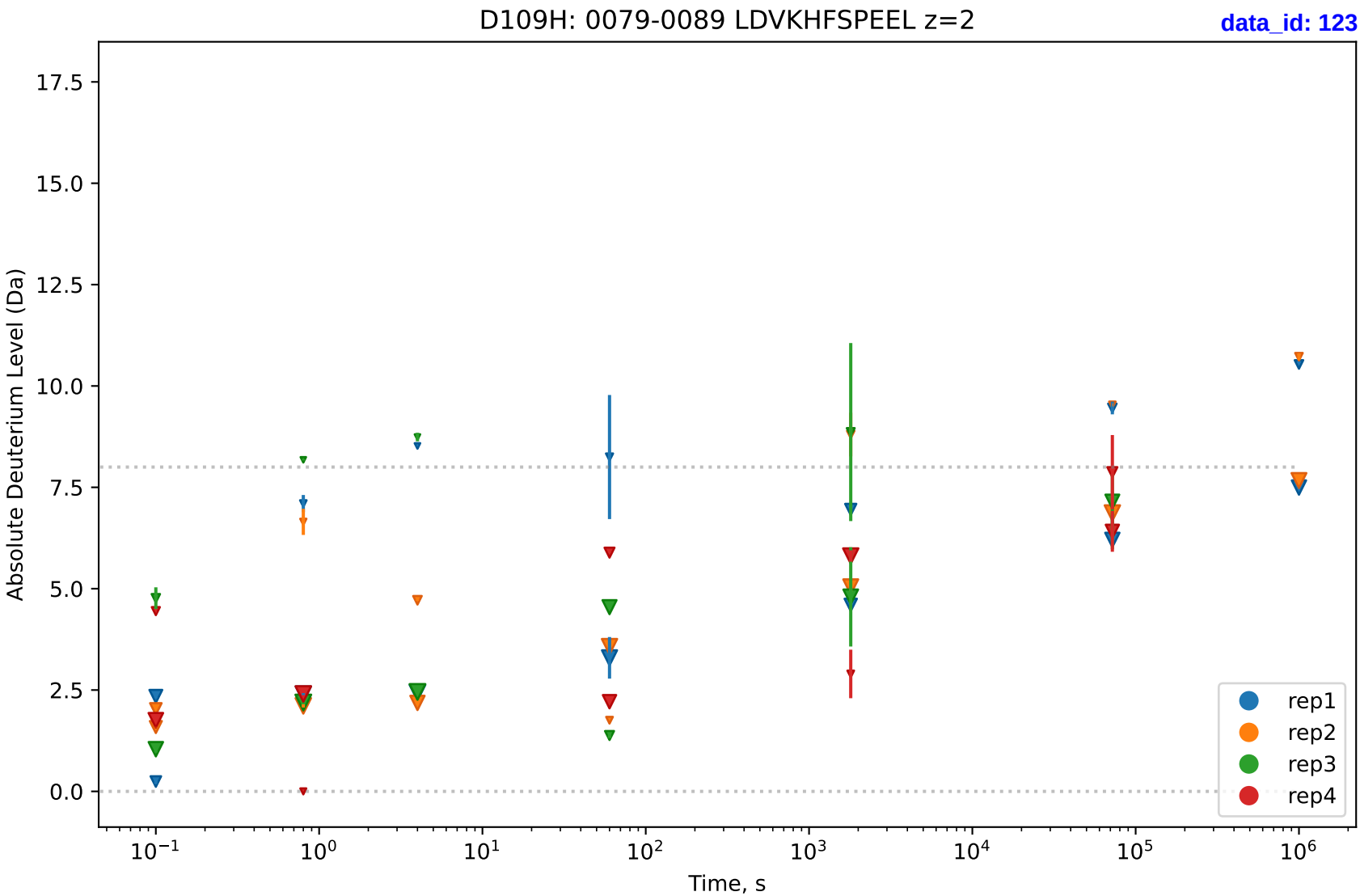

data_id: 120
D109H: 0079-0088 LDVKHFSPEE z=2
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
0.1s, rep1
0.1s, rep2
0.1s, rep3
0.1s, rep4
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
4.0s, rep1
4.0s, rep2
4.0s, rep3
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, rep4
1800.0s, rep1
1800.0s, rep2
1800.0s, rep3
1800.0s, rep4
72000.0s, rep1
72000.0s, rep2
72000.0s, rep3
72000.0s, rep4
FullDeut, rep1
FullDeut, rep2
pop0
pop1
Centroid
Replicates Overlay
UnDeut
0.1s
0.8s
4.0s
60.0s
1800.0s
72000.0s
FullDeut
1_pop0
1_pop1
2_pop0
2_pop1
3_pop0
3_pop1
4_pop0
4_pop1
population
Absolute Deuterium Level (Da)

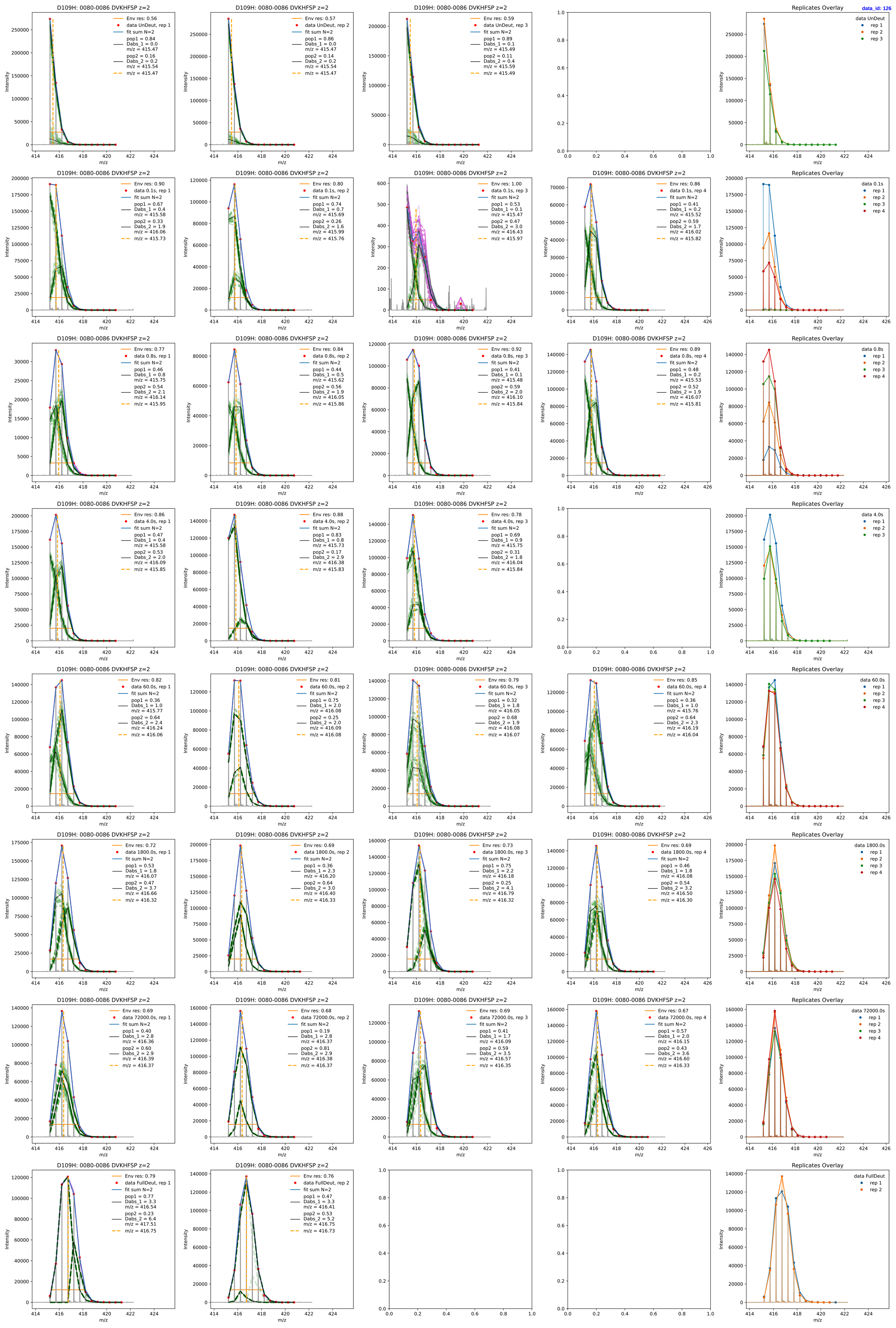

D109H: 0079-0088 LDVKHFSPEE z=2
data_id: 120
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4

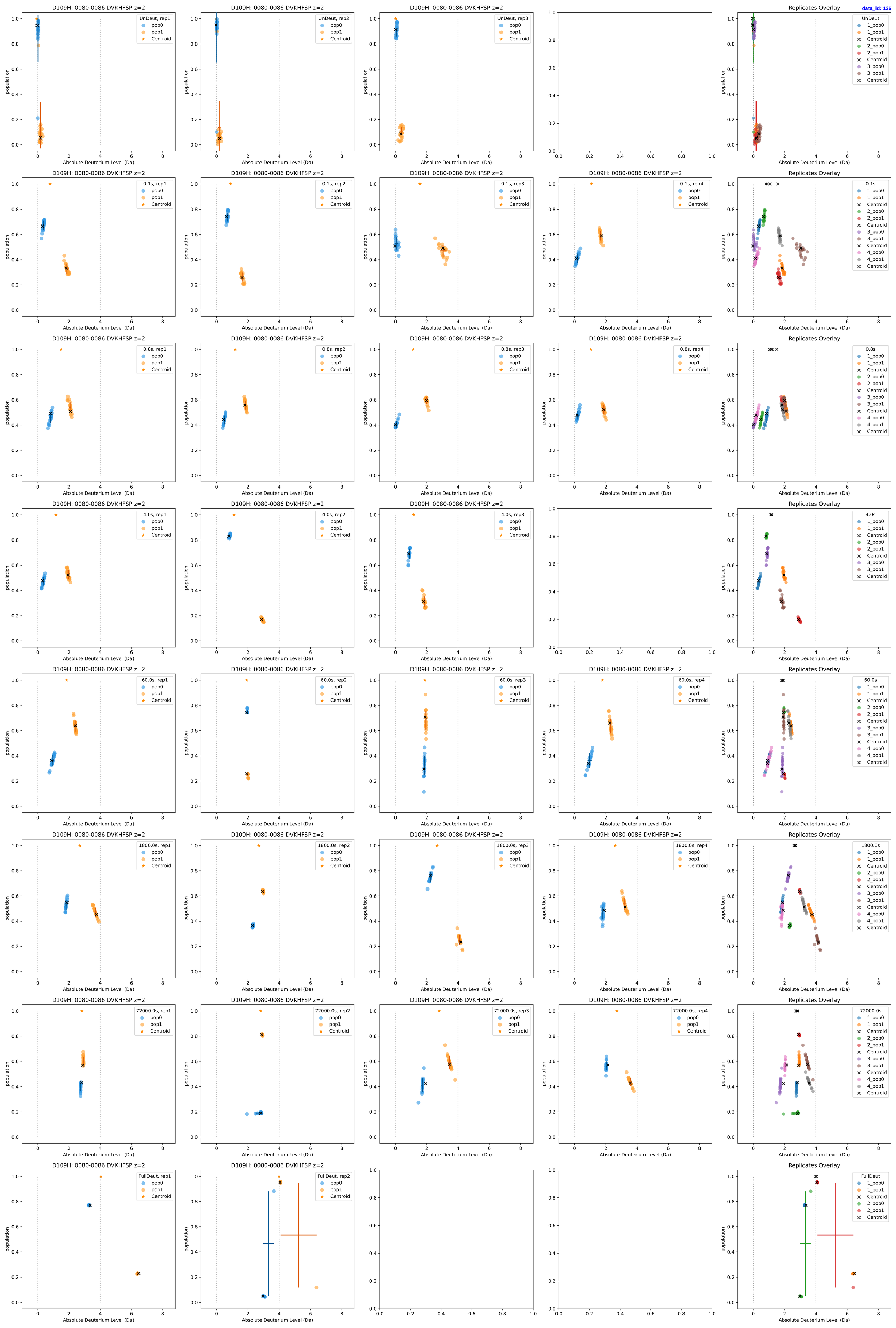
data_id: 123

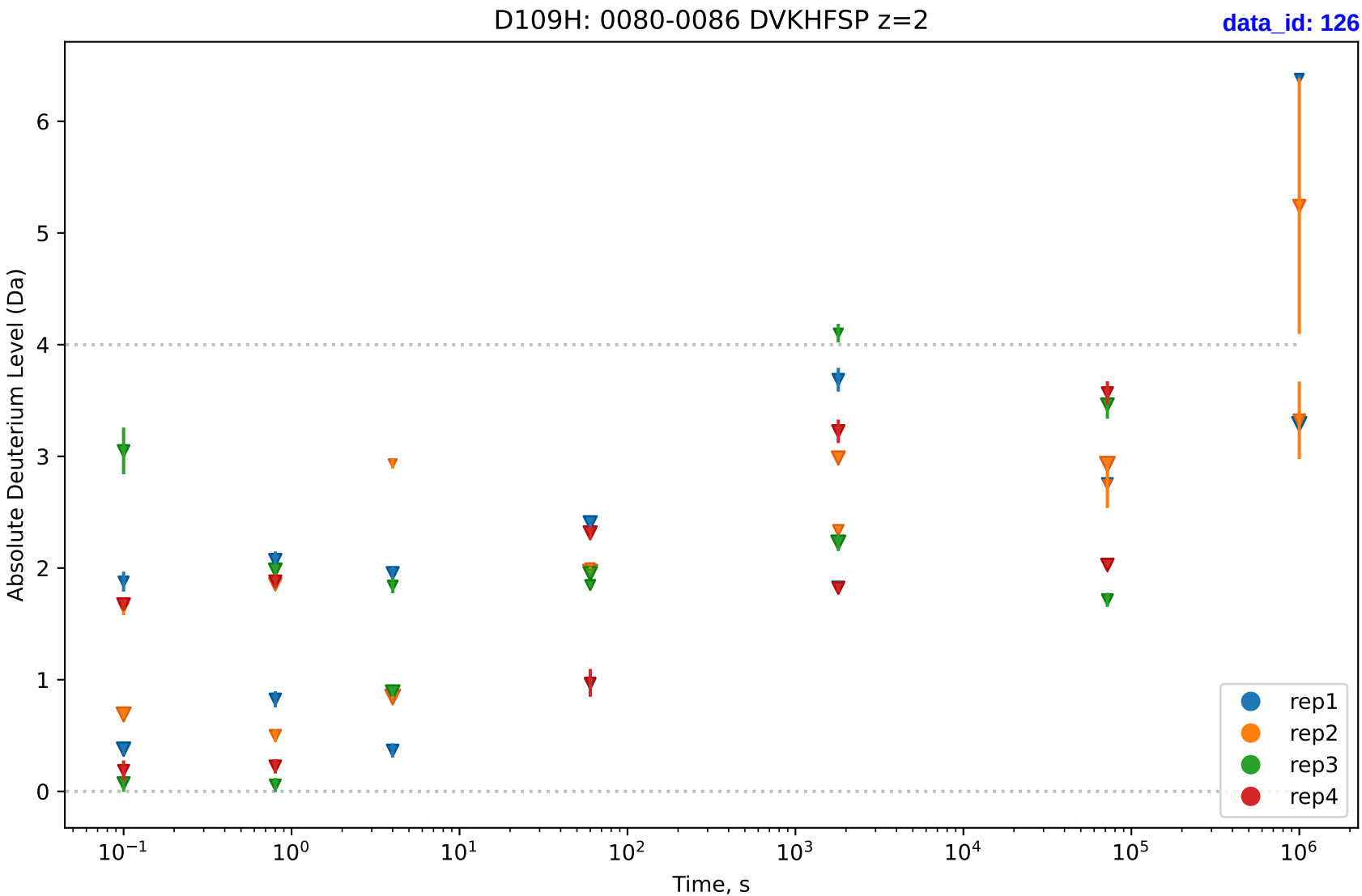

D109H: 0079-0089 LDVKHFSPEEL z=2
Env res: 0.73
data UnDeut, rep 1
fit sum N=2
pop1 = 0.85
Dabs_1 = 0.2
m/z = 657.82
pop2 = 0.15
Dabs_2 = 11.8
m/z = 661.75
m/z = 657.76
D109H: 0079-0089 LDVKHFSPEEL z=2
Env res: 0.73
data UnDeut, rep 2
fit sum N=2
pop1 = 0.05
Dabs_1 = 0.0
m/z = 657.78
pop2 = 0.95
Dabs_2 = 0.2
m/z = 662.03
m/z = 657.75
D109H: 0079-0089 LDVKHFSPEEL z=2
Env res: 0.74
data UnDeut, rep 3
fit sum N=2
pop1 = 0.95
Dabs_1 = 0.3
m/z = 657.82
pop2 = 0.05
Dabs_2 = 11.9
m/z = 661.60
m/z = 657.78
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
D109H: 0079-0089 LDVKHFSPEEL z=2
Env res: 1.00
data 0.1s, rep 1
fit sum N=2
pop1 = 0.38
Dabs_1 = 0.2
m/z = 657.81
pop2 = 0.62
Dabs_2 = 2.3
m/z = 658.42
m/z = 658.18
D109H: 0079-0089 LDVKHFSPEEL z=2
Env res: 0.89
data 0.1s, rep 2
fit sum N=2
pop1 = 0.52
Dabs_1 = 1.6
m/z = 658.19
pop2 = 0.48
Dabs_2 = 2.0
m/z = 658.32
m/z = 658.26
D109H: 0079-0089 LDVKHFSPEEL z=2
Env res: 0.95
data 0.1s, rep 3
fit sum N=2
pop1 = 0.80
Dabs_1 = 1.0
m/z = 658.07
pop2 = 0.20
Dabs_2 = 4.8
m/z = 659.24
m/z = 658.31
D109H: 0079-0089 LDVKHFSPEEL z=2
Env res: 0.89
data 0.1s, rep 4
fit sum N=2
pop1 = 0.82
Dabs_1 = 1.8
m/z = 658.30
pop2 = 0.18
Dabs_2 = 4.4
m/z = 659.84
m/z = 658.37
Replicates Overlay
data 0.1s
rep 1
rep 2
rep 3
rep 4
D109H: 0079-0089 LDVKHFSPEEL z=2
Env res: 0.92
data 0.8s, rep 1
fit sum N=2
pop1 = 0.91
Dabs_1 = 2.4
m/z = 658.42
pop2 = 0.09
Dabs_2 = 7.1
m/z = 659.77
m/z = 658.54
D109H: 0079-0089 LDVKHFSPEEL z=2
Env res: 0.90
data 0.8s, rep 2
fit sum N=2
pop1 = 0.93
Dabs_1 = 2.1
m/z = 658.35
pop2 = 0.07
Dabs_2 = 6.6
m/z = 659.78
m/z = 658.44
D109H: 0079-0089 LDVKHFSPEEL z=2
Env res: 0.93
data 0.8s, rep 3
fit sum N=2
pop1 = 0.97
Dabs_1 = 2.2
m/z = 658.36
pop2 = 0.03
Dabs_2 = 8.2
m/z = 660.08
m/z = 658.42
D109H: 0079-0089 LDVKHFSPEEL z=2
Env res: 0.99
data 0.8s, rep 4
fit sum N=2
pop1 = 0.06
Dabs_1 = 0.0
m/z = 657.74
pop2 = 0.94
Dabs_2 = 2.4
m/z = 658.42
m/z = 658.40
Replicates Overlay
data 0.8s
rep 1
rep 2
rep 3
rep 4
D109H: 0079-0089 LDVKHFSPEEL z=2
Env res: 0.98
data 4.0s, rep 1
fit sum N=2
pop1 = 0.97
Dabs_1 = 2.4
m/z = 658.43
pop2 = 0.03
Dabs_2 = 8.5
m/z = 660.20
m/z = 658.50
D109H: 0079-0089 LDVKHFSPEEL z=2
Env res: 0.95
data 4.0s, rep 2
fit sum N=2
pop1 = 0.78
Dabs_1 = 2.2
m/z = 658.36
pop2 = 0.22
Dabs_2 = 4.7
m/z = 659.08
m/z = 658.52
D109H: 0079-0089 LDVKHFSPEEL z=2
Env res: 0.95
data 4.0s, rep 3
fit sum N=2
pop1 = 0.97
Dabs_1 = 2.5
m/z = 658.44
pop2 = 0.03
Dabs_2 = 8.7
m/z = 660.31
m/z = 658.50
Replicates Overlay
data 4.0s
rep 1
rep 2
rep 3
D109H: 0079-0089 LDVKHFSPEEL z=2
Env res: 0.93
data 60.0s, rep 1
fit sum N=2
pop1 = 0.88
Dabs_1 = 3.3
m/z = 658.73
pop2 = 0.12
Dabs_2 = 8.2
m/z = 660.41
m/z = 658.78
D109H: 0079-0089 LDVKHFSPEEL z=2
Env res: 0.92
data 60.0s, rep 2
fit sum N=2
pop1 = 0.10
Dabs_1 = 1.8
m/z = 658.68
pop2 = 0.90
Dabs_2 = 3.6
m/z = 660.37
m/z = 658.74
D109H: 0079-0089 LDVKHFSPEEL z=2
Env res: 0.94
data 60.0s, rep 3
fit sum N=2
pop1 = 0.25
Dabs_1 = 1.4
m/z = 658.17
pop2 = 0.75
Dabs_2 = 4.5
m/z = 659.04
m/z = 658.83
D109H: 0079-0089 LDVKHFSPEEL z=2
Env res: 0.96
data 60.0s, rep 4
fit sum N=2
pop1 = 0.67
Dabs_1 = 2.2
m/z = 658.37
pop2 = 0.33
Dabs_2 = 5.9
m/z = 659.44
m/z = 658.74
Replicates Overlay
data 60.0s
rep 1
rep 2
rep 3
rep 4
D109H: 0079-0089 LDVKHFSPEEL z=2
Env res: 0.95
data 1800.0s, rep 1
fit sum N=2
pop1 = 0.56
Dabs_1 = 4.6
m/z = 659.05
pop2 = 0.44
Dabs_2 = 7.0
m/z = 659.74
m/z = 659.35
D109H: 0079-0089 LDVKHFSPEEL z=2
Env res: 0.96
data 1800.0s, rep 2
fit sum N=2
pop1 = 0.86
Dabs_1 = 5.0
m/z = 659.15
pop2 = 0.14
Dabs_2 = 8.8
m/z = 660.09
m/z = 659.32
D109H: 0079-0089 LDVKHFSPEEL z=2
Env res: 0.95
data 1800.0s, rep 3
fit sum N=2
pop1 = 0.83
Dabs_1 = 4.8
m/z = 659.25
pop2 = 0.17
Dabs_2 = 8.9
m/z = 660.12
m/z = 659.29
D109H: 0079-0089 LDVKHFSPEEL z=2
Env res: 0.94
data 1800.0s, rep 4
fit sum N=2
pop1 = 0.09
Dabs_1 = 2.9
m/z = 659.31
pop2 = 0.91
Dabs_2 = 5.8
m/z = 659.87
m/z = 659.34
Replicates Overlay
data 1800.0s
rep 1
rep 2
rep 3
rep 4
D109H: 0079-0089 LDVKHFSPEEL z=2
Env res: 0.94
data 72000.0s, rep 1
fit sum N=2
pop1 = 0.78
Dabs_1 = 6.2
m/z = 659.51
pop2 = 0.22
Dabs_2 = 9.5
m/z = 660.48
m/z = 659.71
D109H: 0079-0089 LDVKHFSPEEL z=2
Env res: 0.95
data 72000.0s, rep 2
fit sum N=2
pop1 = 0.92
Dabs_1 = 6.9
m/z = 658.63
pop2 = 0.08
Dabs_2 = 9.5
m/z = 659.77
m/z = 659.75
D109H: 0079-0089 LDVKHFSPEEL z=2
Env res: 0.91
data 72000.0s, rep 3
fit sum N=2
pop1 = 0.27
Dabs_1 = 6.4
m/z = 659.66
pop2 = 0.73
Dabs_2 = 7.1
m/z = 659.70
m/z = 659.70
D109H: 0079-0089 LDVKHFSPEEL z=2
Env res: 0.91
data 72000.0s, rep 4
fit sum N=2
pop1 = 0.66
Dabs_1 = 6.4
m/z = 659.70
pop2 = 0.34
Dabs_2 = 7.9
m/z = 659.72
m/z = 659.70
Replicates Overlay
data 72000.0s
rep 1
rep 2
rep 3
rep 4
D109H: 0079-0089 LDVKHFSPEEL z=2
Env res: 0.95
data FullDeut, rep 1
fit sum N=2
pop1 = 0.78
Dabs_1 = 7.5
m/z = 659.90
pop2 = 0.22
Dabs_2 = 10.5
m/z = 660.97
m/z = 660.12
D109H: 0079-0089 LDVKHFSPEEL z=2
Env res: 0.93
data FullDeut, rep 2
fit sum N=2
pop1 = 0.85
Dabs_1 = 7.7
m/z = 659.93
pop2 = 0.15
Dabs_2 = 10.7
m/z = 660.83
m/z = 660.06
Replicates Overlay
data FullDeut
rep 1
rep 2
Intensity
m/z

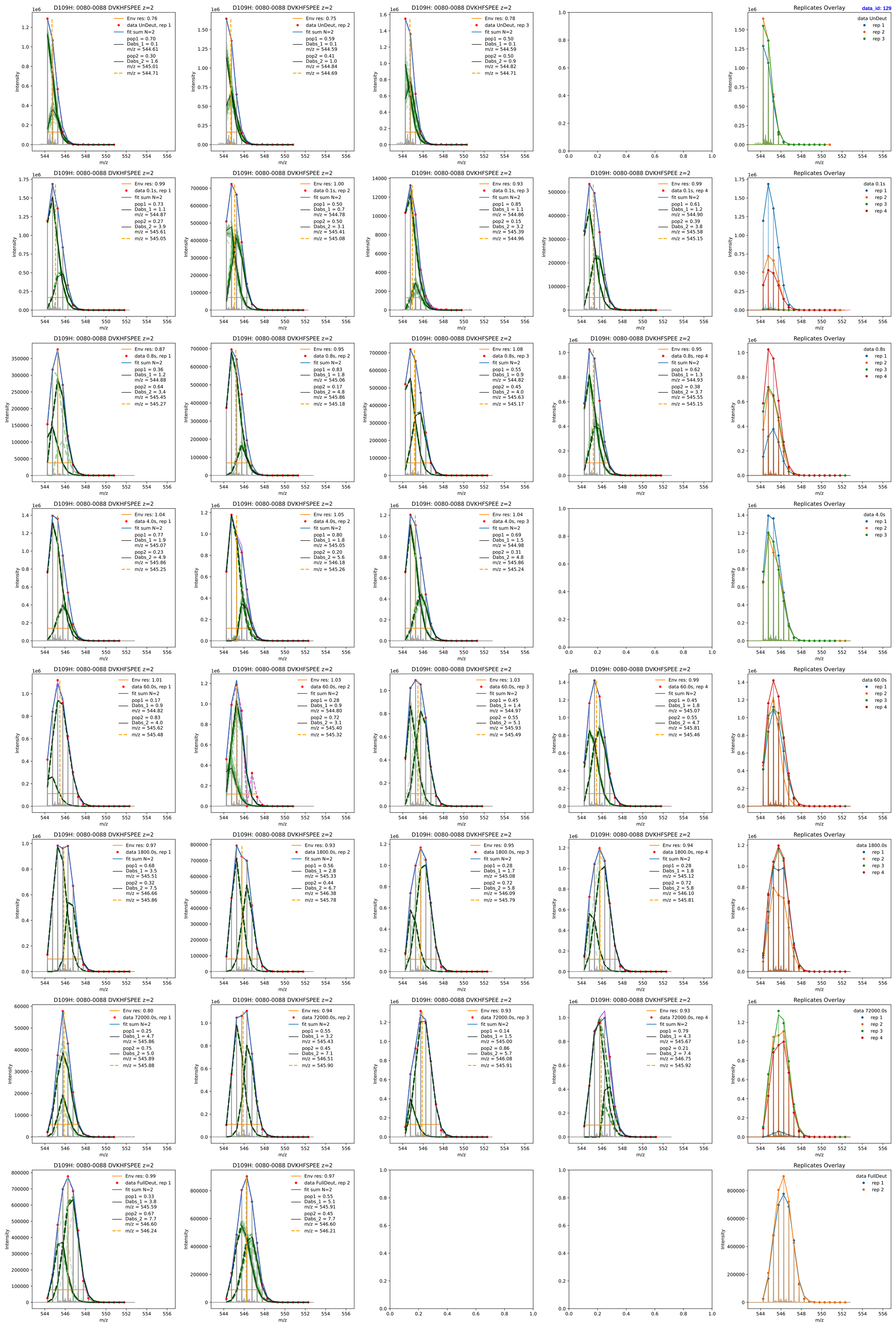

data_id: 123
D109H: 0079-0089 LDVKHFSPEEL z=2
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
Replicates Overlay
UnDeut
0.1s, rep1
0.1s, rep2
0.1s, rep3
0.1s, rep4
0.1s
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
0.8s
4.0s, rep1
4.0s, rep2
4.0s, rep3
4.0s
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, rep4
60.0s
1800.0s, rep1
1800.0s, rep2
1800.0s, rep3
1800.0s, rep4
1800.0s
72000.0s, rep1
72000.0s, rep2
72000.0s, rep3
72000.0s, rep4
72000.0s
FullDeut, rep1
FullDeut, rep2
FullDeut
pop0
pop1
Centroid
1_pop0
1_pop1
2_pop0
2_pop1
3_pop0
3_pop1
4_pop0
4_pop1
population
Absolute Deuterium Level (Da)

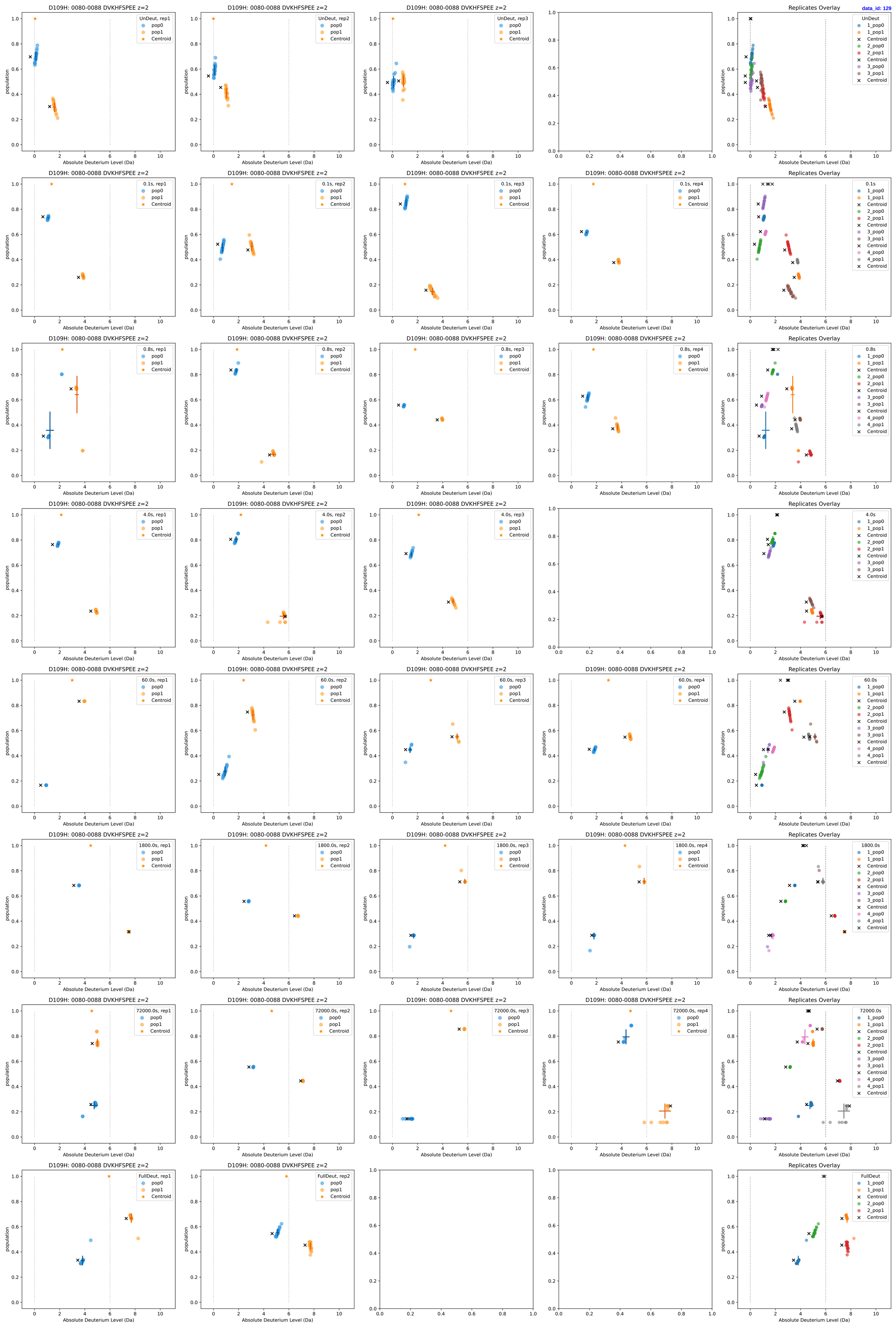

D109H: 0079-0089 LDVKHFSPEEL z=2
data_id: 123
Absolute Deuterium Level (Da)
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
10^{-1}
10^{0}
10^{1}
10^{2}
10^{3}
10^{4}
10^{5}
10^{6}
Time, s
rep1
rep2
rep3
rep4

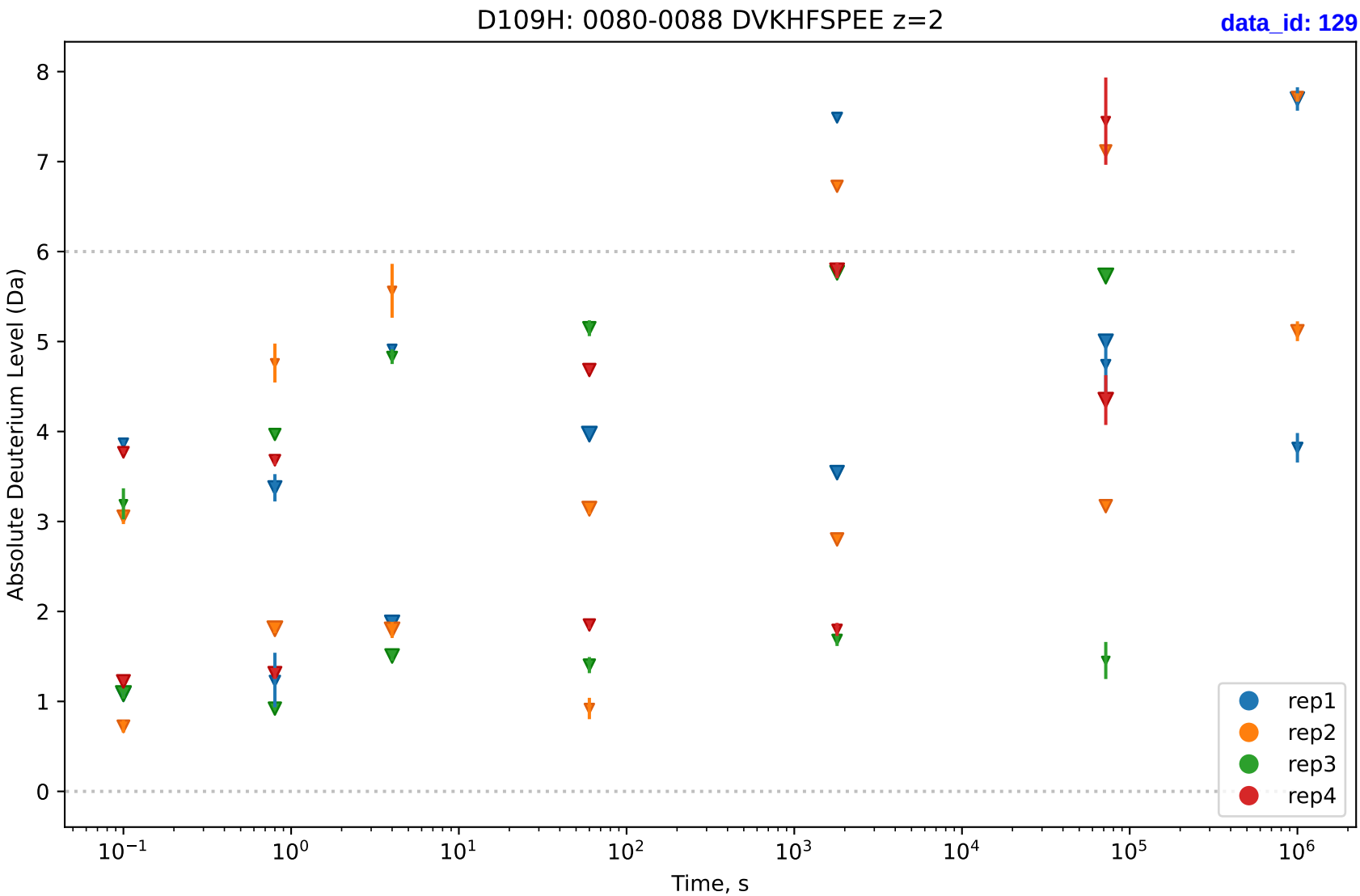

data_id: 126
D109H: 0080-0086 DVKHFSP z=2
Env res: 0.56
data UnDeut, rep 1
fit sum N=2
pop1 = 0.84
Dabs_1 = 0.0
m/z = 415.47
pop2 = 0.16
Dabs_2 = 0.2
m/z = 415.54
m/z = 415.47
Env res: 0.57
data UnDeut, rep 2
pop1 = 0.86
Dabs_1 = 0.0
m/z = 415.47
pop2 = 0.14
Dabs_2 = 0.2
m/z = 415.54
m/z = 415.47
Env res: 0.59
data UnDeut, rep 3
pop1 = 0.89
Dabs_1 = 0.1
m/z = 415.49
pop2 = 0.11
Dabs_2 = 0.4
m/z = 415.59
m/z = 415.49
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 0.90
data 0.1s, rep 1
pop1 = 0.67
Dabs_1 = 0.4
m/z = 415.58
pop2 = 0.33
Dabs_2 = 1.9
m/z = 416.06
m/z = 415.73
Env res: 0.80
data 0.1s, rep 2
pop1 = 0.74
Dabs_1 = 0.7
m/z = 415.69
pop2 = 0.26
Dabs_2 = 1.6
m/z = 415.99
m/z = 415.76
Env res: 1.00
data 0.1s, rep 3
pop1 = 0.53
Dabs_1 = 0.1
m/z = 415.47
pop2 = 0.47
Dabs_2 = 3.0
m/z = 416.43
m/z = 415.97
Env res: 0.86
data 0.1s, rep 4
pop1 = 0.41
Dabs_1 = 0.2
m/z = 415.52
pop2 = 0.59
Dabs_2 = 1.7
m/z = 416.02
m/z = 415.82
data 0.1s
rep 1
rep 2
rep 3
rep 4
Env res: 0.77
data 0.8s, rep 1
pop1 = 0.46
Dabs_1 = 0.8
m/z = 415.75
pop2 = 0.54
Dabs_2 = 2.1
m/z = 416.14
m/z = 415.95
Env res: 0.84
data 0.8s, rep 2
pop1 = 0.44
Dabs_1 = 0.5
m/z = 415.62
pop2 = 0.56
Dabs_2 = 1.9
m/z = 416.05
m/z = 415.86
Env res: 0.92
data 0.8s, rep 3
pop1 = 0.41
Dabs_1 = 0.1
m/z = 415.48
pop2 = 0.59
Dabs_2 = 2.0
m/z = 416.10
m/z = 415.84
Env res: 0.89
data 0.8s, rep 4
pop1 = 0.48
Dabs_1 = 0.2
m/z = 415.53
pop2 = 0.52
Dabs_2 = 1.9
m/z = 416.07
m/z = 415.81
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 0.86
data 4.0s, rep 1
pop1 = 0.47
Dabs_1 = 0.4
m/z = 415.58
pop2 = 0.53
Dabs_2 = 2.0
m/z = 416.09
m/z = 415.85
Env res: 0.88
data 4.0s, rep 2
pop1 = 0.83
Dabs_1 = 0.8
m/z = 415.73
pop2 = 0.17
Dabs_2 = 2.9
m/z = 416.38
m/z = 415.83
Env res: 0.78
data 4.0s, rep 3
pop1 = 0.69
Dabs_1 = 0.9
m/z = 415.75
pop2 = 0.31
Dabs_2 = 1.8
m/z = 416.04
m/z = 415.84
data 4.0s
rep 1
rep 2
rep 3
Env res: 0.82
data 60.0s, rep 1
pop1 = 0.36
Dabs_1 = 1.0
m/z = 415.77
pop2 = 0.64
Dabs_2 = 2.4
m/z = 416.24
m/z = 416.06
Env res: 0.81
data 60.0s, rep 2
pop1 = 0.75
Dabs_1 = 2.0
m/z = 416.08
pop2 = 0.25
Dabs_2 = 2.0
m/z = 416.09
m/z = 416.08
Env res: 0.79
data 60.0s, rep 3
pop1 = 0.32
Dabs_1 = 1.8
m/z = 416.05
pop2 = 0.68
Dabs_2 = 1.9
m/z = 416.08
m/z = 416.07
Env res: 0.85
data 60.0s, rep 4
pop1 = 0.36
Dabs_1 = 1.0
m/z = 415.76
pop2 = 0.64
Dabs_2 = 2.3
m/z = 416.19
m/z = 416.04
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 0.72
data 1800.0s, rep 1
pop1 = 0.53
Dabs_1 = 1.8
m/z = 416.07
pop2 = 0.47
Dabs_2 = 3.7
m/z = 416.66
m/z = 416.32
Env res: 0.69
data 1800.0s, rep 2
pop1 = 0.36
Dabs_1 = 2.3
m/z = 416.20
pop2 = 0.64
Dabs_2 = 3.0
m/z = 416.40
m/z = 416.33
Env res: 0.73
data 1800.0s, rep 3
pop1 = 0.75
Dabs_1 = 2.2
m/z = 416.18
pop2 = 0.25
Dabs_2 = 4.1
m/z = 416.79
m/z = 416.32
Env res: 0.69
data 1800.0s, rep 4
pop1 = 0.46
Dabs_1 = 1.8
m/z = 416.08
pop2 = 0.54
Dabs_2 = 3.2
m/z = 416.50
m/z = 416.30
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 0.69
data 72000.0s, rep 1
pop1 = 0.40
Dabs_1 = 2.8
m/z = 416.36
pop2 = 0.60
Dabs_2 = 2.9
m/z = 416.39
m/z = 416.37
Env res: 0.68
data 72000.0s, rep 2
pop1 = 0.19
Dabs_1 = 2.8
m/z = 416.37
pop2 = 0.81
Dabs_2 = 2.9
m/z = 416.38
m/z = 416.37
Env res: 0.69
data 72000.0s, rep 3
pop1 = 0.41
Dabs_1 = 1.7
m/z = 416.09
pop2 = 0.59
Dabs_2 = 3.5
m/z = 416.57
m/z = 416.35
Env res: 0.67
data 72000.0s, rep 4
pop1 = 0.57
Dabs_1 = 2.0
m/z = 416.15
pop2 = 0.43
Dabs_2 = 3.6
m/z = 416.60
m/z = 416.33
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 0.79
data FullDeut, rep 1
pop1 = 0.77
Dabs_1 = 3.3
m/z = 416.54
pop2 = 0.23
Dabs_2 = 6.4
m/z = 417.51
m/z = 416.75
Env res: 0.76
data FullDeut, rep 2
pop1 = 0.47
Dabs_1 = 3.3
m/z = 416.41
pop2 = 0.53
Dabs_2 = 5.2
m/z = 416.75
m/z = 416.73
data FullDeut
rep 1
rep 2
Intensity
m/z

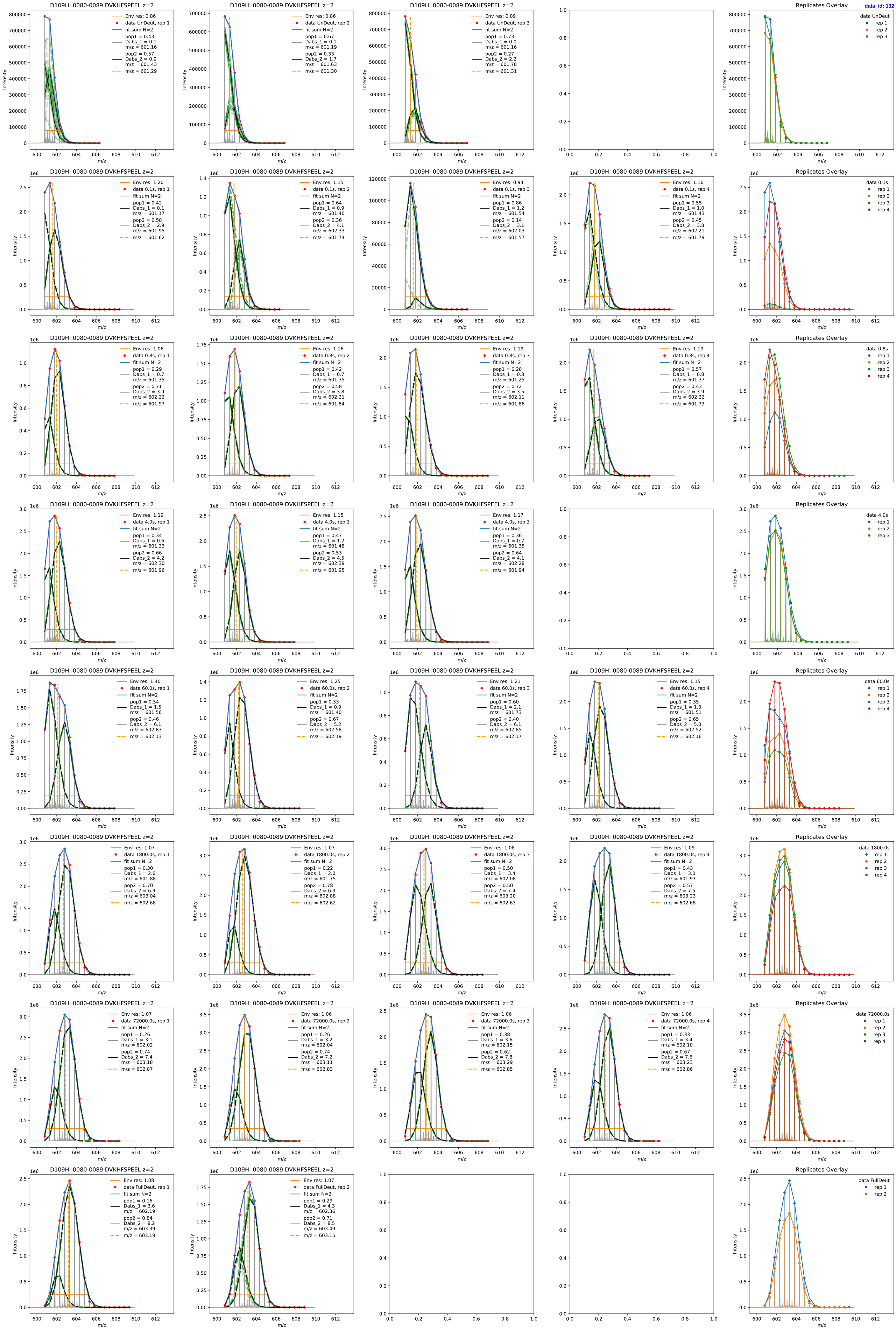

data_id: 126
D109H: 0080-0086 DVKHFSP z=2
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
0.1s, rep1
0.1s, rep2
0.1s, rep3
0.1s, rep4
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
4.0s, rep1
4.0s, rep2
4.0s, rep3
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, rep4
1800.0s, rep1
1800.0s, rep2
1800.0s, rep3
1800.0s, rep4
72000.0s, rep1
72000.0s, rep2
72000.0s, rep3
72000.0s, rep4
FullDeut, rep1
FullDeut, rep2
pop0
pop1
Centroid
Replicates Overlay
UnDeut
0.1s
0.8s
4.0s
60.0s
1800.0s
72000.0s
FullDeut
1_pop0
1_pop1
2_pop0
2_pop1
3_pop0
3_pop1
4_pop0
4_pop1
population
Absolute Deuterium Level (Da)

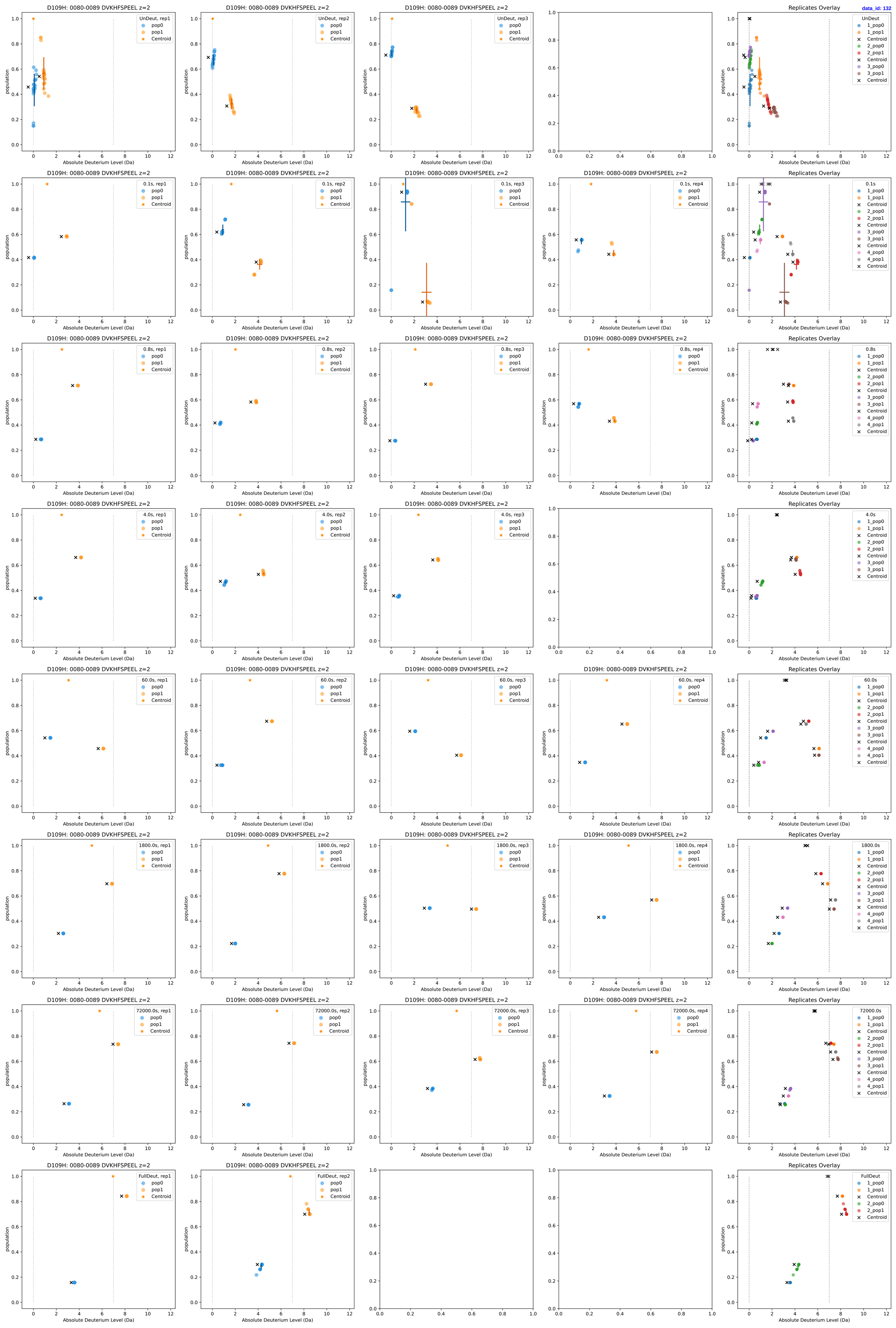

D109H: 0080-0086 DVKHFSP z=2
data_id: 126
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4

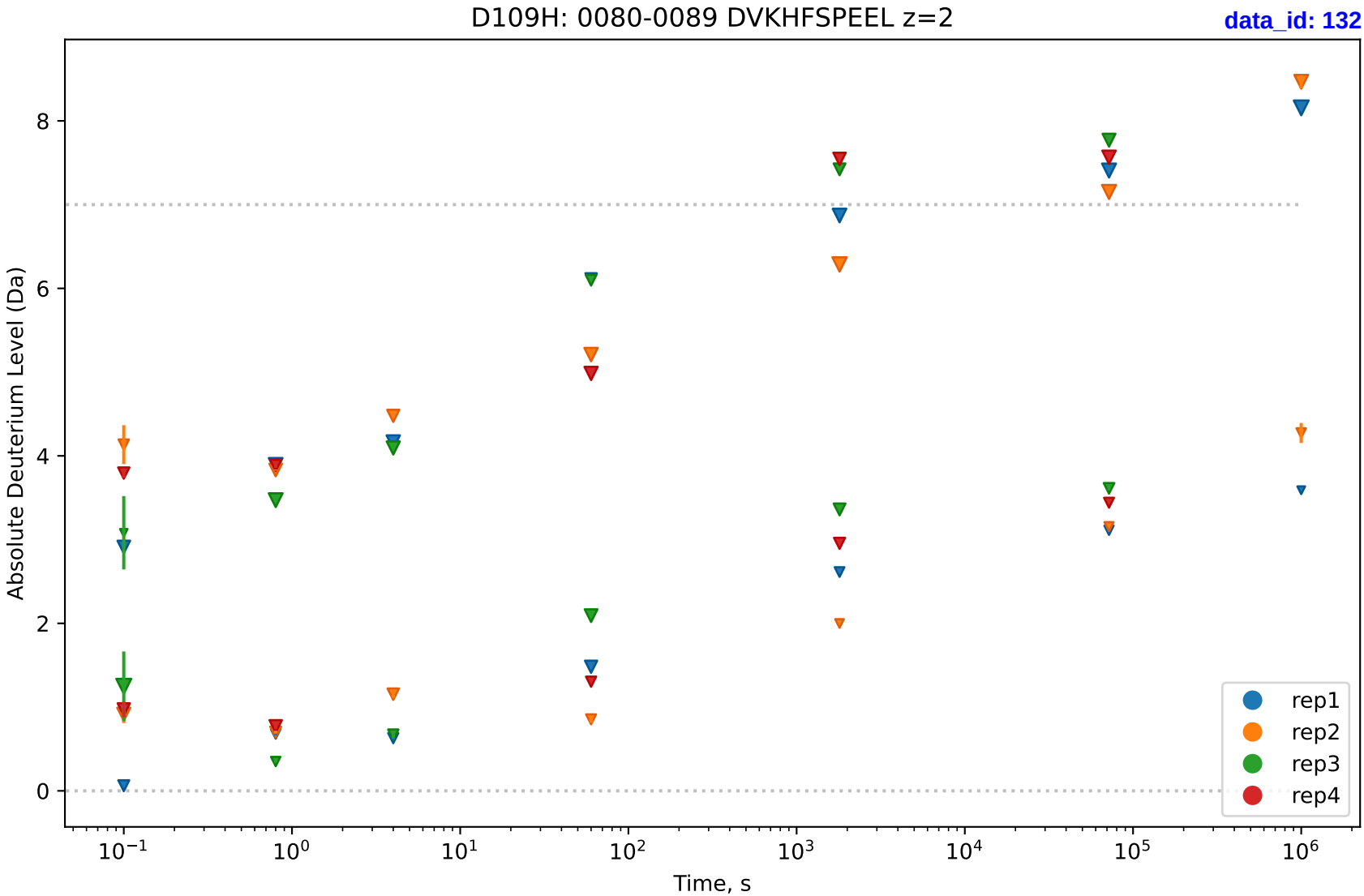

data_id: 129
D109H: 0080-0088 DVKHFSPEE z=2
Replicates Overlay
Intensity
m/z
Env res: 0.76
data UnDeut, rep 1
fit sum N=2
pop1 = 0.70
Dabs_1 = 0.1
m/z = 544.61
pop2 = 0.30
Dabs_2 = 1.6
m/z = 545.01
m/z = 544.71
Env res: 0.75
data UnDeut, rep 2
pop1 = 0.59
Dabs_1 = 0.1
m/z = 544.59
pop2 = 0.41
Dabs_2 = 1.0
m/z = 544.84
m/z = 544.69
Env res: 0.78
data UnDeut, rep 3
pop1 = 0.50
Dabs_1 = 0.1
m/z = 544.59
pop2 = 0.50
Dabs_2 = 0.9
m/z = 544.82
m/z = 544.71
data UnDeut
rep 1
rep 2
rep 3
Env res: 0.99
data 0.1s, rep 1
pop1 = 0.73
Dabs_1 = 1.1
m/z = 544.87
pop2 = 0.27
Dabs_2 = 3.9
m/z = 545.61
m/z = 545.05
Env res: 1.00
data 0.1s, rep 2
pop1 = 0.50
Dabs_1 = 0.7
m/z = 544.78
pop2 = 0.50
Dabs_2 = 3.1
m/z = 545.41
m/z = 545.08
Env res: 0.93
data 0.1s, rep 3
pop1 = 0.85
Dabs_1 = 1.1
m/z = 544.86
pop2 = 0.15
Dabs_2 = 3.2
m/z = 545.39
m/z = 544.96
Env res: 0.99
data 0.1s, rep 4
pop1 = 0.61
Dabs_1 = 1.2
m/z = 544.90
pop2 = 0.39
Dabs_2 = 3.8
m/z = 545.58
m/z = 545.15
data 0.1s
rep 1
rep 2
rep 3
rep 4
Env res: 0.87
data 0.8s, rep 1
pop1 = 0.36
Dabs_1 = 1.2
m/z = 544.88
pop2 = 0.64
Dabs_2 = 3.4
m/z = 545.45
m/z = 545.27
Env res: 0.95
data 0.8s, rep 2
pop1 = 0.83
Dabs_1 = 1.8
m/z = 545.06
pop2 = 0.17
Dabs_2 = 4.8
m/z = 545.86
m/z = 545.18
Env res: 1.08
data 0.8s, rep 3
pop1 = 0.55
Dabs_1 = 0.9
m/z = 544.82
pop2 = 0.45
Dabs_2 = 4.0
m/z = 545.63
m/z = 545.17
Env res: 0.95
data 0.8s, rep 4
pop1 = 0.62
Dabs_1 = 1.3
m/z = 544.93
pop2 = 0.38
Dabs_2 = 3.7
m/z = 545.55
m/z = 545.15
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 1.04
data 4.0s, rep 1
pop1 = 0.77
Dabs_1 = 1.9
m/z = 545.07
pop2 = 0.23
Dabs_2 = 4.9
m/z = 545.86
m/z = 545.25
Env res: 1.05
data 4.0s, rep 2
pop1 = 0.80
Dabs_1 = 1.8
m/z = 545.05
pop2 = 0.20
Dabs_2 = 5.6
m/z = 546.18
m/z = 545.26
Env res: 1.04
data 4.0s, rep 3
pop1 = 0.69
Dabs_1 = 1.5
m/z = 544.98
pop2 = 0.31
Dabs_2 = 4.8
m/z = 545.86
m/z = 545.24
data 4.0s
rep 1
rep 2
rep 3
Env res: 1.01
data 60.0s, rep 1
pop1 = 0.17
Dabs_1 = 0.9
m/z = 544.82
pop2 = 0.83
Dabs_2 = 4.0
m/z = 545.62
m/z = 545.48
Env res: 1.03
data 60.0s, rep 2
pop1 = 0.28
Dabs_1 = 0.9
m/z = 544.80
pop2 = 0.72
Dabs_2 = 3.1
m/z = 545.40
m/z = 545.32
Env res: 1.03
data 60.0s, rep 3
pop1 = 0.45
Dabs_1 = 1.4
m/z = 544.97
pop2 = 0.55
Dabs_2 = 5.1
m/z = 545.93
m/z = 545.49
Env res: 0.99
data 60.0s, rep 4
pop1 = 0.45
Dabs_1 = 1.8
m/z = 545.07
pop2 = 0.55
Dabs_2 = 4.7
m/z = 545.81
m/z = 545.46
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 0.97
data 1800.0s, rep 1
pop1 = 0.68
Dabs_1 = 3.5
m/z = 545.51
pop2 = 0.32
Dabs_2 = 7.5
m/z = 546.66
m/z = 545.86
Env res: 0.93
data 1800.0s, rep 2
pop1 = 0.56
Dabs_1 = 2.8
m/z = 545.33
pop2 = 0.44
Dabs_2 = 6.7
m/z = 546.38
m/z = 545.78
Env res: 0.95
data 1800.0s, rep 3
pop1 = 0.28
Dabs_1 = 1.7
m/z = 545.08
pop2 = 0.72
Dabs_2 = 5.8
m/z = 546.09
m/z = 545.79
Env res: 0.94
data 1800.0s, rep 4
pop1 = 0.28
Dabs_1 = 1.8
m/z = 545.12
pop2 = 0.72
Dabs_2 = 5.8
m/z = 546.10
m/z = 545.81
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 0.80
data 72000.0s, rep 1
pop1 = 0.25
Dabs_1 = 4.7
m/z = 545.86
pop2 = 0.75
Dabs_2 = 5.0
m/z = 545.89
m/z = 545.88
Env res: 0.94
data 72000.0s, rep 2
pop1 = 0.55
Dabs_1 = 3.2
m/z = 545.43
pop2 = 0.45
Dabs_2 = 7.1
m/z = 546.51
m/z = 545.90
Env res: 0.93
data 72000.0s, rep 3
pop1 = 0.14
Dabs_1 = 1.5
m/z = 545.00
pop2 = 0.86
Dabs_2 = 5.7
m/z = 546.08
m/z = 545.91
Env res: 0.93
data 72000.0s, rep 4
pop1 = 0.79
Dabs_1 = 4.3
m/z = 545.67
pop2 = 0.21
Dabs_2 = 7.4
m/z = 546.75
m/z = 545.92
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 0.99
data FullDeut, rep 1
pop1 = 0.33
Dabs_1 = 3.8
m/z = 545.59
pop2 = 0.67
Dabs_2 = 7.7
m/z = 546.60
m/z = 546.24
Env res: 0.97
data FullDeut, rep 2
pop1 = 0.55
Dabs_1 = 5.1
m/z = 545.91
pop2 = 0.45
Dabs_2 = 7.7
m/z = 546.60
m/z = 546.21
data FullDeut
rep 1
rep 2

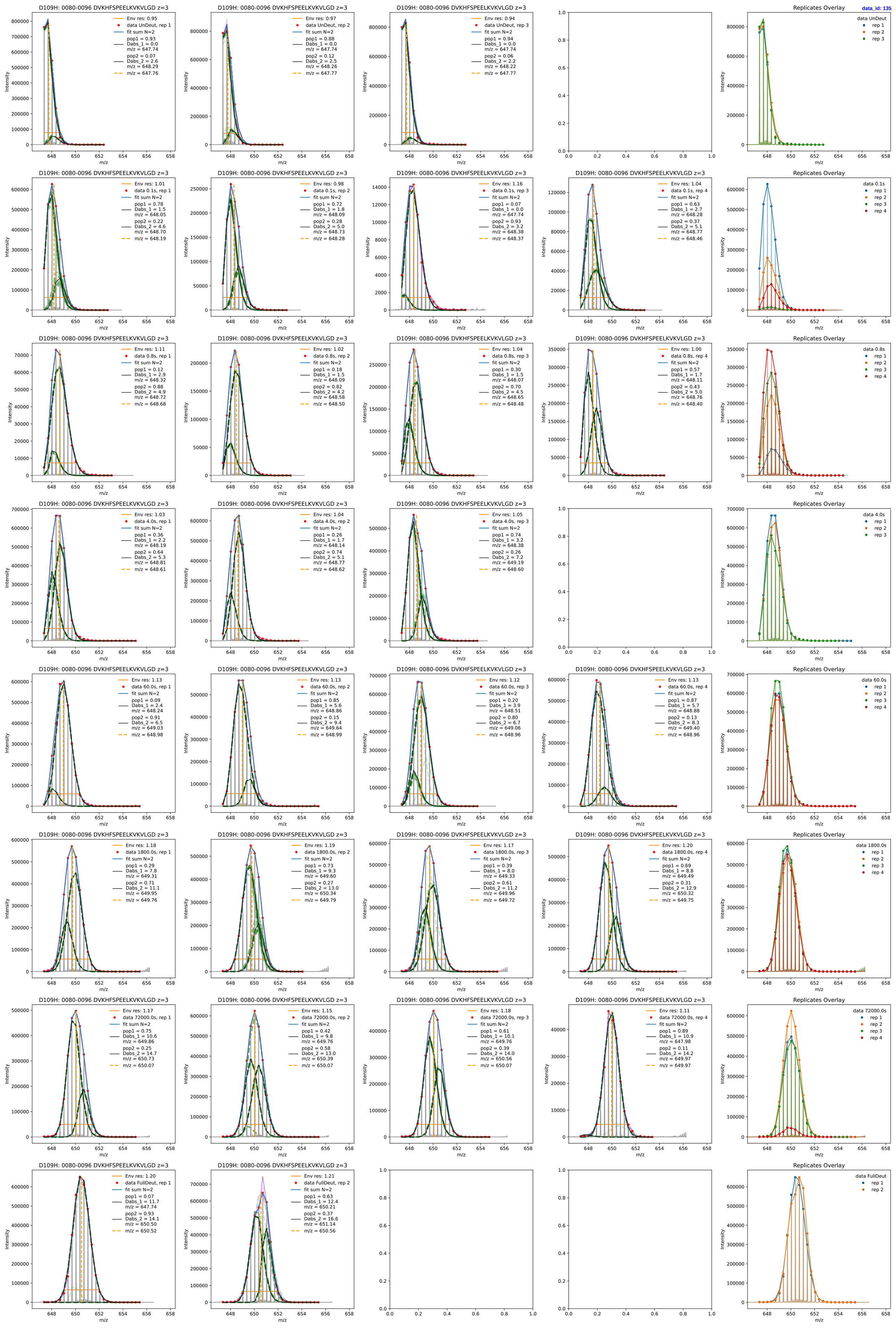

data_id: 129
D109H: 0080-0088 DVKHFSPEE z=2
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
Replicates Overlay
UnDeut
0.1s, rep1
0.1s, rep2
0.1s, rep3
0.1s, rep4
0.1s
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
0.8s
4.0s, rep1
4.0s, rep2
4.0s, rep3
4.0s
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, rep4
60.0s
1800.0s, rep1
1800.0s, rep2
1800.0s, rep3
1800.0s, rep4
1800.0s
72000.0s, rep1
72000.0s, rep2
72000.0s, rep3
72000.0s, rep4
72000.0s
FullDeut, rep1
FullDeut, rep2
FullDeut
pop0
pop1
Centroid
1_pop0
1_pop1
2_pop0
2_pop1
3_pop0
3_pop1
4_pop0
4_pop1
population
Absolute Deuterium Level (Da)

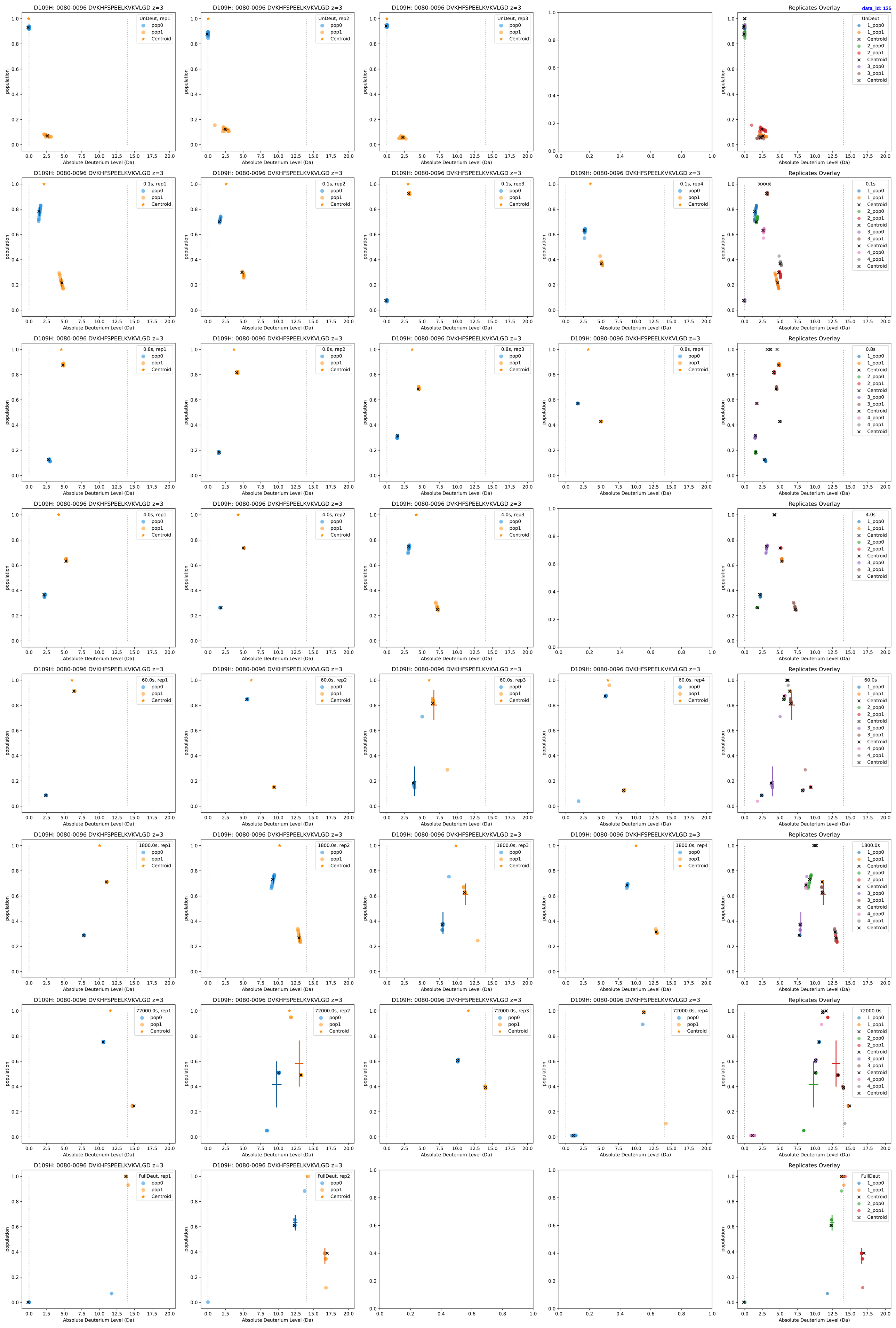

D109H: 0080-0088 DVKHFSPEE z=2
data_id: 129
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4

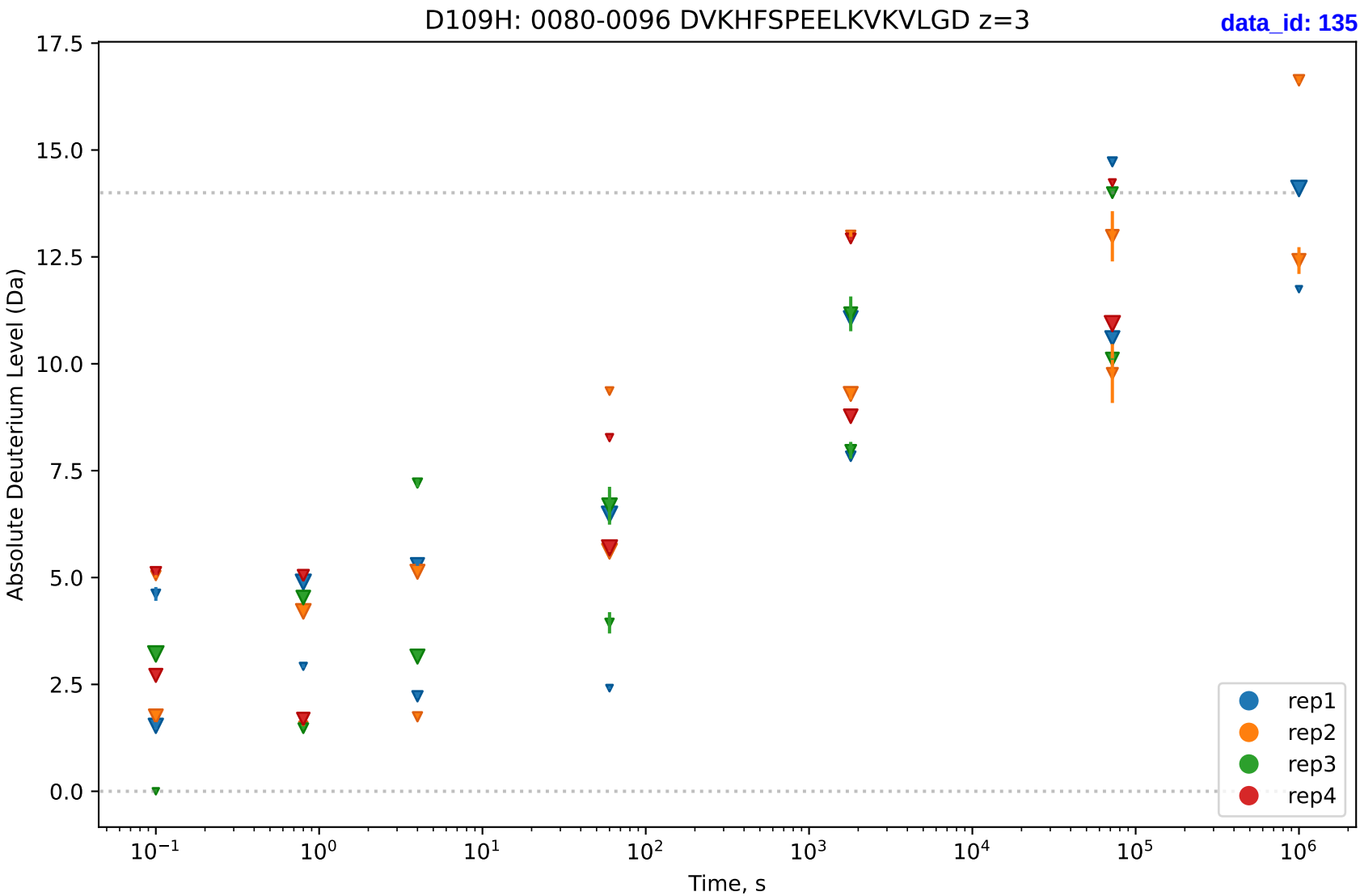

data_id: 132
D109H: 0080-0089 DVKHFSPEEL z=2
Env res: 0.86
data UnDeut, rep 1
fit sum N=2
pop1 = 0.43
Dabs_1 = 0.1
m/z = 601.16
pop2 = 0.57
Dabs_2 = 0.9
m/z = 601.43
m/z = 601.29
D109H: 0080-0089 DVKHFSPEEL z=2
Env res: 0.86
data UnDeut, rep 2
fit sum N=2
pop1 = 0.67
Dabs_1 = 0.1
m/z = 601.19
pop2 = 0.33
Dabs_2 = 1.7
m/z = 601.63
m/z = 601.30
D109H: 0080-0089 DVKHFSPEEL z=2
Env res: 0.89
data UnDeut, rep 3
fit sum N=2
pop1 = 0.73
Dabs_1 = 0.0
m/z = 601.16
pop2 = 0.27
Dabs_2 = 2.2
m/z = 601.78
m/z = 601.31
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
D109H: 0080-0089 DVKHFSPEEL z=2
Env res: 1.20
data 0.1s, rep 1
fit sum N=2
pop1 = 0.42
Dabs_1 = 0.1
m/z = 601.17
pop2 = 0.58
Dabs_2 = 2.9
m/z = 601.95
m/z = 601.62
D109H: 0080-0089 DVKHFSPEEL z=2
Env res: 1.15
data 0.1s, rep 2
fit sum N=2
pop1 = 0.64
Dabs_1 = 0.9
m/z = 601.40
pop2 = 0.36
Dabs_2 = 4.1
m/z = 602.33
m/z = 601.74
D109H: 0080-0089 DVKHFSPEEL z=2
Env res: 0.94
data 0.1s, rep 3
fit sum N=2
pop1 = 0.86
Dabs_1 = 1.2
m/z = 601.54
pop2 = 0.14
Dabs_2 = 3.1
m/z = 602.03
m/z = 601.57
D109H: 0080-0089 DVKHFSPEEL z=2
Env res: 1.16
data 0.1s, rep 4
fit sum N=2
pop1 = 0.55
Dabs_1 = 1.0
m/z = 601.43
pop2 = 0.45
Dabs_2 = 3.8
m/z = 602.21
m/z = 601.79
Replicates Overlay
data 0.1s
rep 1
rep 2
rep 3
rep 4
D109H: 0080-0089 DVKHFSPEEL z=2
Env res: 1.06
data 0.8s, rep 1
fit sum N=2
pop1 = 0.29
Dabs_1 = 0.7
m/z = 601.35
pop2 = 0.71
Dabs_2 = 3.9
m/z = 602.22
m/z = 601.97
D109H: 0080-0089 DVKHFSPEEL z=2
Env res: 1.16
data 0.8s, rep 2
fit sum N=2
pop1 = 0.42
Dabs_1 = 0.7
m/z = 601.35
pop2 = 0.58
Dabs_2 = 3.8
m/z = 602.21
m/z = 601.84
D109H: 0080-0089 DVKHFSPEEL z=2
Env res: 1.19
data 0.8s, rep 3
fit sum N=2
pop1 = 0.28
Dabs_1 = 0.3
m/z = 601.25
pop2 = 0.72
Dabs_2 = 3.5
m/z = 602.11
m/z = 601.86
D109H: 0080-0089 DVKHFSPEEL z=2
Env res: 1.19
data 0.8s, rep 4
fit sum N=2
pop1 = 0.57
Dabs_1 = 0.8
m/z = 601.37
pop2 = 0.43
Dabs_2 = 3.9
m/z = 602.22
m/z = 601.73
Replicates Overlay
data 0.8s
rep 1
rep 2
rep 3
rep 4
D109H: 0080-0089 DVKHFSPEEL z=2
Env res: 1.19
data 4.0s, rep 1
fit sum N=2
pop1 = 0.34
Dabs_1 = 0.6
m/z = 601.33
pop2 = 0.66
Dabs_2 = 4.2
m/z = 602.30
m/z = 601.96
D109H: 0080-0089 DVKHFSPEEL z=2
Env res: 1.15
data 4.0s, rep 2
fit sum N=2
pop1 = 0.47
Dabs_1 = 1.2
m/z = 601.48
pop2 = 0.53
Dabs_2 = 4.5
m/z = 602.39
m/z = 601.95
D109H: 0080-0089 DVKHFSPEEL z=2
Env res: 1.17
data 4.0s, rep 3
fit sum N=2
pop1 = 0.36
Dabs_1 = 0.7
m/z = 601.35
pop2 = 0.64
Dabs_2 = 4.1
m/z = 602.28
m/z = 601.94
Replicates Overlay
data 4.0s
rep 1
rep 2
rep 3
D109H: 0080-0089 DVKHFSPEEL z=2
Env res: 1.40
data 60.0s, rep 1
fit sum N=2
pop1 = 0.54
Dabs_1 = 1.5
m/z = 601.56
pop2 = 0.46
Dabs_2 = 6.1
m/z = 602.83
m/z = 602.13
D109H: 0080-0089 DVKHFSPEEL z=2
Env res: 1.25
data 60.0s, rep 2
fit sum N=2
pop1 = 0.33
Dabs_1 = 0.9
m/z = 601.40
pop2 = 0.67
Dabs_2 = 5.2
m/z = 602.58
m/z = 602.19
D109H: 0080-0089 DVKHFSPEEL z=2
Env res: 1.21
data 60.0s, rep 3
fit sum N=2
pop1 = 0.60
Dabs_1 = 2.1
m/z = 601.73
pop2 = 0.40
Dabs_2 = 6.1
m/z = 602.85
m/z = 602.17
D109H: 0080-0089 DVKHFSPEEL z=2
Env res: 1.15
data 60.0s, rep 4
fit sum N=2
pop1 = 0.35
Dabs_1 = 1.3
m/z = 601.51
pop2 = 0.65
Dabs_2 = 5.0
m/z = 602.52
m/z = 602.16
Replicates Overlay
data 60.0s
rep 1
rep 2
rep 3
rep 4
D109H: 0080-0089 DVKHFSPEEL z=2
Env res: 1.07
data 1800.0s, rep 1
fit sum N=2
pop1 = 0.30
Dabs_1 = 2.6
m/z = 601.88
pop2 = 0.70
Dabs_2 = 6.9
m/z = 603.04
m/z = 602.68
D109H: 0080-0089 DVKHFSPEEL z=2
Env res: 1.07
data 1800.0s, rep 2
fit sum N=2
pop1 = 0.22
Dabs_1 = 2.0
m/z = 601.75
pop2 = 0.78
Dabs_2 = 6.3
m/z = 602.88
m/z = 602.62
D109H: 0080-0089 DVKHFSPEEL z=2
Env res: 1.08
data 1800.0s, rep 3
fit sum N=2
pop1 = 0.50
Dabs_1 = 3.4
m/z = 602.08
pop2 = 0.50
Dabs_2 = 7.4
m/z = 603.20
m/z = 602.63
D109H: 0080-0089 DVKHFSPEEL z=2
Env res: 1.09
data 1800.0s, rep 4
fit sum N=2
pop1 = 0.43
Dabs_1 = 3.0
m/z = 601.97
pop2 = 0.57
Dabs_2 = 7.5
m/z = 603.23
m/z = 602.68
Replicates Overlay
data 1800.0s
rep 1
rep 2
rep 3
rep 4
D109H: 0080-0089 DVKHFSPEEL z=2
Env res: 1.07
data 72000.0s, rep 1
fit sum N=2
pop1 = 0.26
Dabs_1 = 3.1
m/z = 602.02
pop2 = 0.74
Dabs_2 = 7.4
m/z = 603.18
m/z = 602.87
D109H: 0080-0089 DVKHFSPEEL z=2
Env res: 1.06
data 72000.0s, rep 2
fit sum N=2
pop1 = 0.26
Dabs_1 = 3.2
m/z = 602.04
pop2 = 0.74
Dabs_2 = 7.2
m/z = 603.11
m/z = 602.83
D109H: 0080-0089 DVKHFSPEEL z=2
Env res: 1.06
data 72000.0s, rep 3
fit sum N=2
pop1 = 0.38
Dabs_1 = 3.6
m/z = 602.15
pop2 = 0.62
Dabs_2 = 7.8
m/z = 603.29
m/z = 602.85
D109H: 0080-0089 DVKHFSPEEL z=2
Env res: 1.06
data 72000.0s, rep 4
fit sum N=2
pop1 = 0.33
Dabs_1 = 3.4
m/z = 602.10
pop2 = 0.67
Dabs_2 = 7.6
m/z = 603.23
m/z = 602.86
Replicates Overlay
data 72000.0s
rep 1
rep 2
rep 3
rep 4
D109H: 0080-0089 DVKHFSPEEL z=2
Env res: 1.08
data FullDeut, rep 1
fit sum N=2
pop1 = 0.16
Dabs_1 = 3.6
m/z = 602.19
pop2 = 0.84
Dabs_2 = 8.2
m/z = 603.39
m/z = 603.19
D109H: 0080-0089 DVKHFSPEEL z=2
Env res: 1.07
data FullDeut, rep 2
fit sum N=2
pop1 = 0.29
Dabs_1 = 4.3
m/z = 602.36
pop2 = 0.71
Dabs_2 = 8.5
m/z = 603.49
m/z = 603.15
Replicates Overlay
data FullDeut
rep 1
rep 2
Intensity
m/z

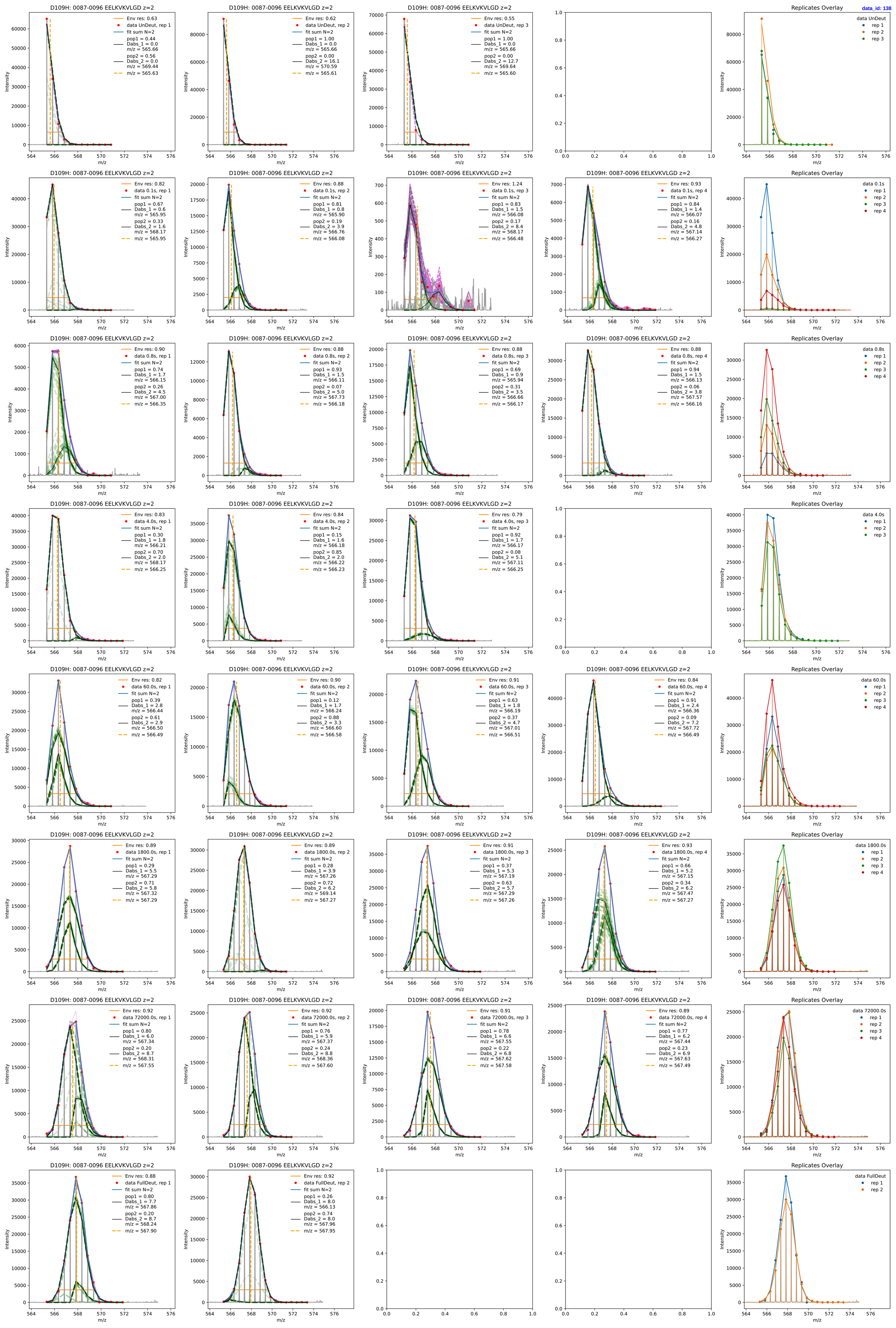

data_id: 132
D109H: 0080-0089 DVKHFSPEEL z=2
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
0.1s, rep1
0.1s, rep2
0.1s, rep3
0.1s, rep4
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
4.0s, rep1
4.0s, rep2
4.0s, rep3
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, rep4
1800.0s, rep1
1800.0s, rep2
1800.0s, rep3
1800.0s, rep4
72000.0s, rep1
72000.0s, rep2
72000.0s, rep3
72000.0s, rep4
FullDeut, rep1
FullDeut, rep2
pop0
pop1
Centroid
Replicates Overlay
UnDeut
0.1s
0.8s
4.0s
60.0s
1800.0s
72000.0s
FullDeut
1_pop0
1_pop1
2_pop0
2_pop1
3_pop0
3_pop1
4_pop0
4_pop1
population
Absolute Deuterium Level (Da)


D109H: 0080-0089 DVKHFSPEEL z=2
data_id: 132
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4

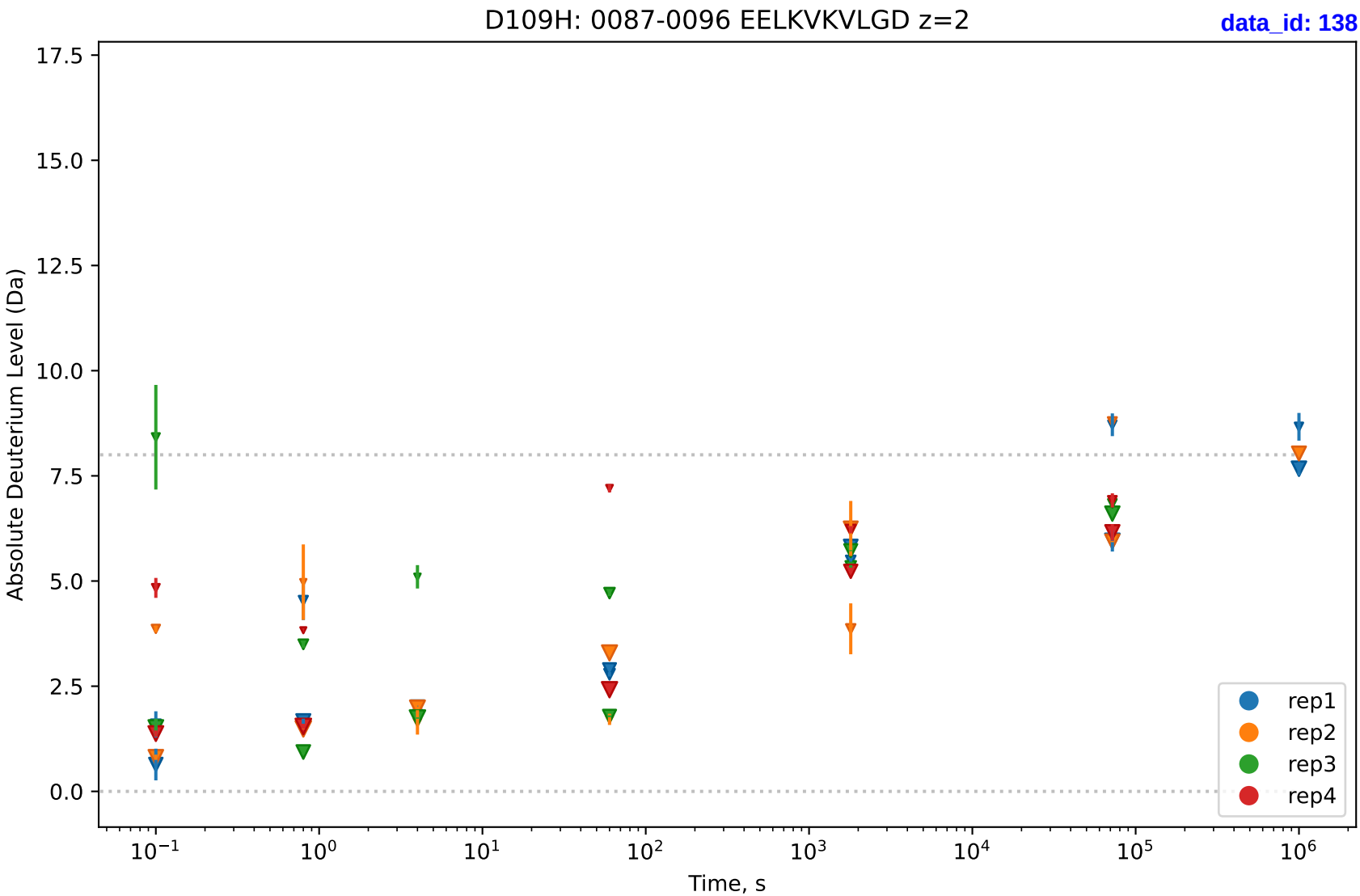

data_id: 135
D109H: 0080-0096 DVKHFSPEELKVKVLGD z=3
Replicates Overlay
Intensity
m/z
Env res: 0.95
data UnDeut, rep 1
fit sum N=2
pop1 = 0.93
Dabs_1 = 0.0
m/z = 647.74
pop2 = 0.07
Dabs_2 = 2.6
m/z = 648.29
m/z = 647.76
Env res: 0.97
data UnDeut, rep 2
pop1 = 0.88
Dabs_1 = 0.0
m/z = 647.74
pop2 = 0.12
Dabs_2 = 2.5
m/z = 648.26
m/z = 647.77
Env res: 0.94
data UnDeut, rep 3
pop1 = 0.94
Dabs_1 = 0.0
m/z = 647.74
pop2 = 0.06
Dabs_2 = 2.2
m/z = 648.22
m/z = 647.77
data UnDeut
rep 1
rep 2
rep 3
Env res: 1.01
data 0.1s, rep 1
pop1 = 0.78
Dabs_1 = 1.5
m/z = 648.05
pop2 = 0.22
Dabs_2 = 4.6
m/z = 648.70
m/z = 648.19
Env res: 0.98
data 0.1s, rep 2
pop1 = 0.72
Dabs_1 = 1.8
m/z = 648.09
pop2 = 0.28
Dabs_2 = 5.0
m/z = 648.73
m/z = 648.28
Env res: 1.16
data 0.1s, rep 3
pop1 = 0.07
Dabs_1 = 0.0
m/z = 647.74
pop2 = 0.93
Dabs_2 = 3.2
m/z = 648.38
m/z = 648.37
Env res: 1.04
data 0.1s, rep 4
pop1 = 0.63
Dabs_1 = 2.7
m/z = 648.28
pop2 = 0.37
Dabs_2 = 5.1
m/z = 648.77
m/z = 648.46
data 0.1s
rep 1
rep 2
rep 3
rep 4
Env res: 1.11
data 0.8s, rep 1
pop1 = 0.12
Dabs_1 = 2.9
m/z = 648.32
pop2 = 0.88
Dabs_2 = 4.9
m/z = 648.72
m/z = 648.68
Env res: 1.02
data 0.8s, rep 2
pop1 = 0.18
Dabs_1 = 1.5
m/z = 648.09
pop2 = 0.82
Dabs_2 = 4.2
m/z = 648.58
m/z = 648.50
Env res: 1.04
data 0.8s, rep 3
pop1 = 0.30
Dabs_1 = 1.5
m/z = 648.07
pop2 = 0.70
Dabs_2 = 4.5
m/z = 648.65
m/z = 648.48
Env res: 1.00
data 0.8s, rep 4
pop1 = 0.57
Dabs_1 = 1.7
m/z = 648.11
pop2 = 0.43
Dabs_2 = 5.0
m/z = 648.76
m/z = 648.40
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 1.03
data 4.0s, rep 1
pop1 = 0.36
Dabs_1 = 2.2
m/z = 648.19
pop2 = 0.64
Dabs_2 = 5.3
m/z = 648.81
m/z = 648.61
Env res: 1.04
data 4.0s, rep 2
pop1 = 0.26
Dabs_1 = 1.7
m/z = 648.14
pop2 = 0.74
Dabs_2 = 5.1
m/z = 648.77
m/z = 648.62
Env res: 1.05
data 4.0s, rep 3
pop1 = 0.74
Dabs_1 = 3.2
m/z = 648.38
pop2 = 0.26
Dabs_2 = 7.2
m/z = 649.19
m/z = 648.60
data 4.0s
rep 1
rep 2
rep 3
Env res: 1.13
data 60.0s, rep 1
pop1 = 0.09
Dabs_1 = 2.4
m/z = 648.24
pop2 = 0.91
Dabs_2 = 6.5
m/z = 649.03
m/z = 648.98
Env res: 1.13
data 60.0s, rep 2
pop1 = 0.85
Dabs_1 = 5.6
m/z = 648.86
pop2 = 0.15
Dabs_2 = 9.4
m/z = 649.64
m/z = 648.99
Env res: 1.12
data 60.0s, rep 3
pop1 = 0.20
Dabs_1 = 3.9
m/z = 648.51
pop2 = 0.80
Dabs_2 = 6.7
m/z = 649.06
m/z = 648.96
Env res: 1.13
data 60.0s, rep 4
pop1 = 0.87
Dabs_1 = 5.7
m/z = 648.88
pop2 = 0.13
Dabs_2 = 8.3
m/z = 649.40
m/z = 648.96
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.18
data 1800.0s, rep 1
pop1 = 0.29
Dabs_1 = 7.8
m/z = 649.31
pop2 = 0.71
Dabs_2 = 11.1
m/z = 649.95
m/z = 649.76
Env res: 1.19
data 1800.0s, rep 2
pop1 = 0.73
Dabs_1 = 9.3
m/z = 649.60
pop2 = 0.27
Dabs_2 = 13.0
m/z = 650.34
m/z = 649.79
Env res: 1.17
data 1800.0s, rep 3
pop1 = 0.39
Dabs_1 = 8.0
m/z = 649.33
pop2 = 0.61
Dabs_2 = 11.2
m/z = 649.96
m/z = 649.72
Env res: 1.20
data 1800.0s, rep 4
pop1 = 0.69
Dabs_1 = 8.8
m/z = 649.49
pop2 = 0.31
Dabs_2 = 12.9
m/z = 650.32
m/z = 649.75
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.17
data 72000.0s, rep 1
pop1 = 0.75
Dabs_1 = 10.6
m/z = 649.86
pop2 = 0.25
Dabs_2 = 14.7
m/z = 650.73
m/z = 650.07
Env res: 1.15
data 72000.0s, rep 2
pop1 = 0.42
Dabs_1 = 9.8
m/z = 649.76
pop2 = 0.58
Dabs_2 = 13.0
m/z = 650.39
m/z = 650.07
Env res: 1.18
data 72000.0s, rep 3
pop1 = 0.61
Dabs_1 = 10.1
m/z = 649.76
pop2 = 0.39
Dabs_2 = 14.0
m/z = 650.56
m/z = 650.07
Env res: 1.11
data 72000.0s, rep 4
pop1 = 0.89
Dabs_1 = 10.9
m/z = 647.98
pop2 = 0.11
Dabs_2 = 14.2
m/z = 649.97
m/z = 649.97
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.20
data FullDeut, rep 1
pop1 = 0.07
Dabs_1 = 11.7
m/z = 647.74
pop2 = 0.93
Dabs_2 = 14.1
m/z = 650.50
m/z = 650.52
Env res: 1.21
data FullDeut, rep 2
pop1 = 0.63
Dabs_1 = 12.4
m/z = 650.21
pop2 = 0.37
Dabs_2 = 16.6
m/z = 651.14
m/z = 650.56
data FullDeut
rep 1
rep 2

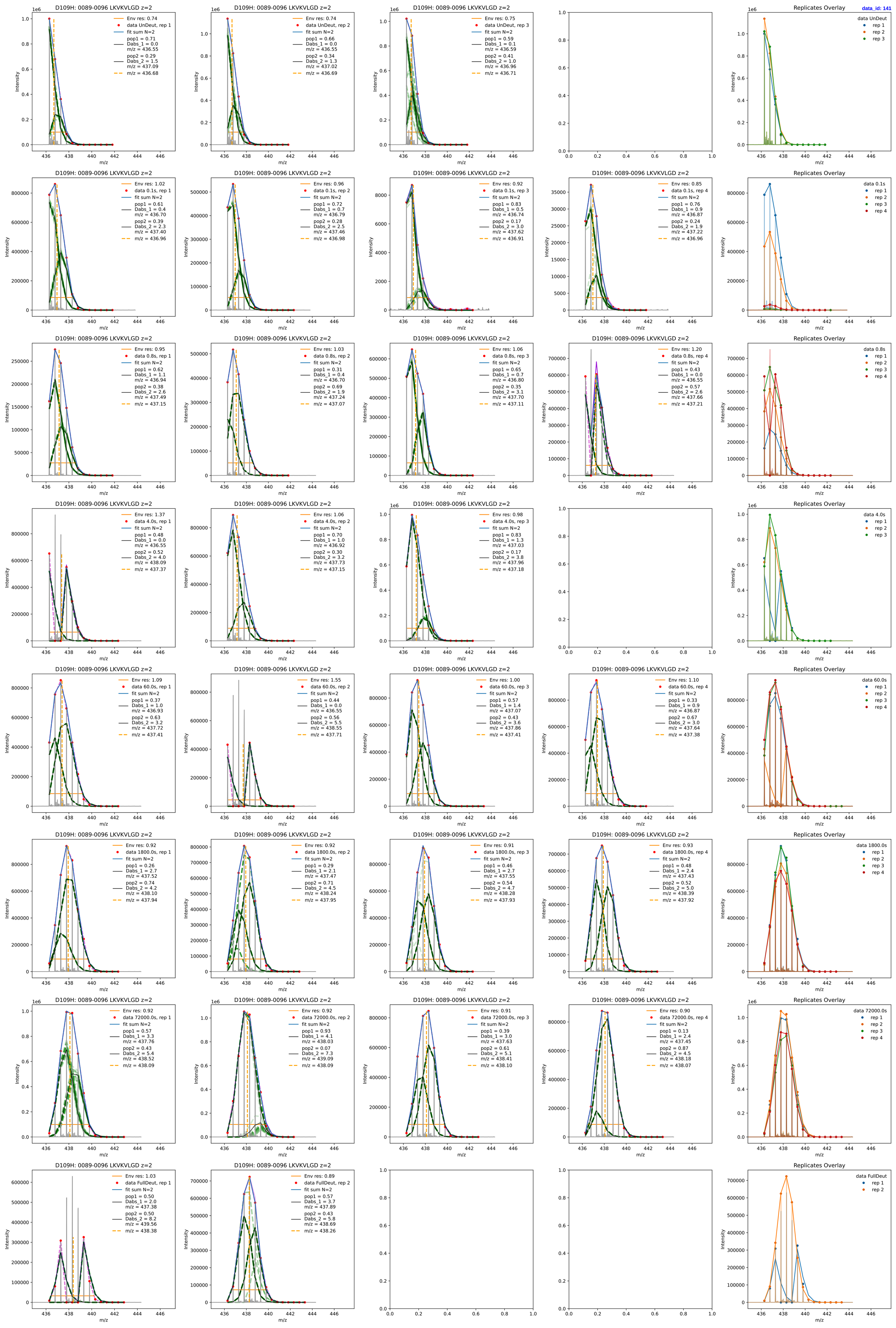

data_id: 135
D109H: 0080-0096 DVKHFSPEELKVKVLGD z=3
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
0.1s, rep1
0.1s, rep2
0.1s, rep3
0.1s, rep4
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
4.0s, rep1
4.0s, rep2
4.0s, rep3
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, rep4
1800.0s, rep1
1800.0s, rep2
1800.0s, rep3
1800.0s, rep4
72000.0s, rep1
72000.0s, rep2
72000.0s, rep3
72000.0s, rep4
FullDeut, rep1
FullDeut, rep2
pop0
pop1
Centroid
Replicates Overlay
UnDeut
0.1s
0.8s
4.0s
60.0s
1800.0s
72000.0s
FullDeut
1_pop0
1_pop1
2_pop0
2_pop1
3_pop0
3_pop1
4_pop0
4_pop1
population
Absolute Deuterium Level (Da)

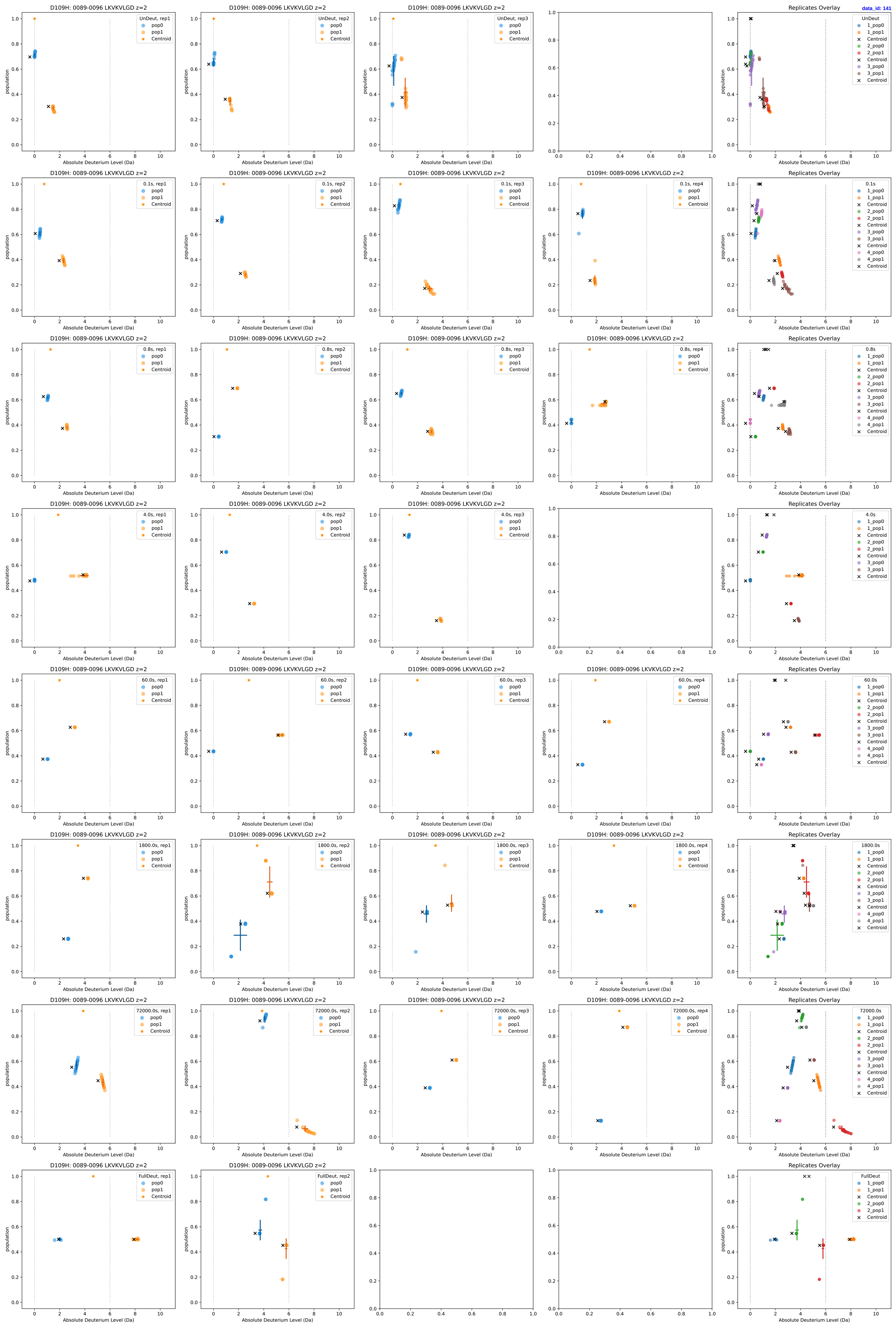

D109H: 0080-0096 DVKHFSPEELKVKVLGD z=3
data_id: 135
Absolute Deuterium Level (Da)
Time, s
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
10^{-1}
10^{0}
10^{1}
10^{2}
10^{3}
10^{4}
10^{5}
10^{6}
rep1
rep2
rep3
rep4

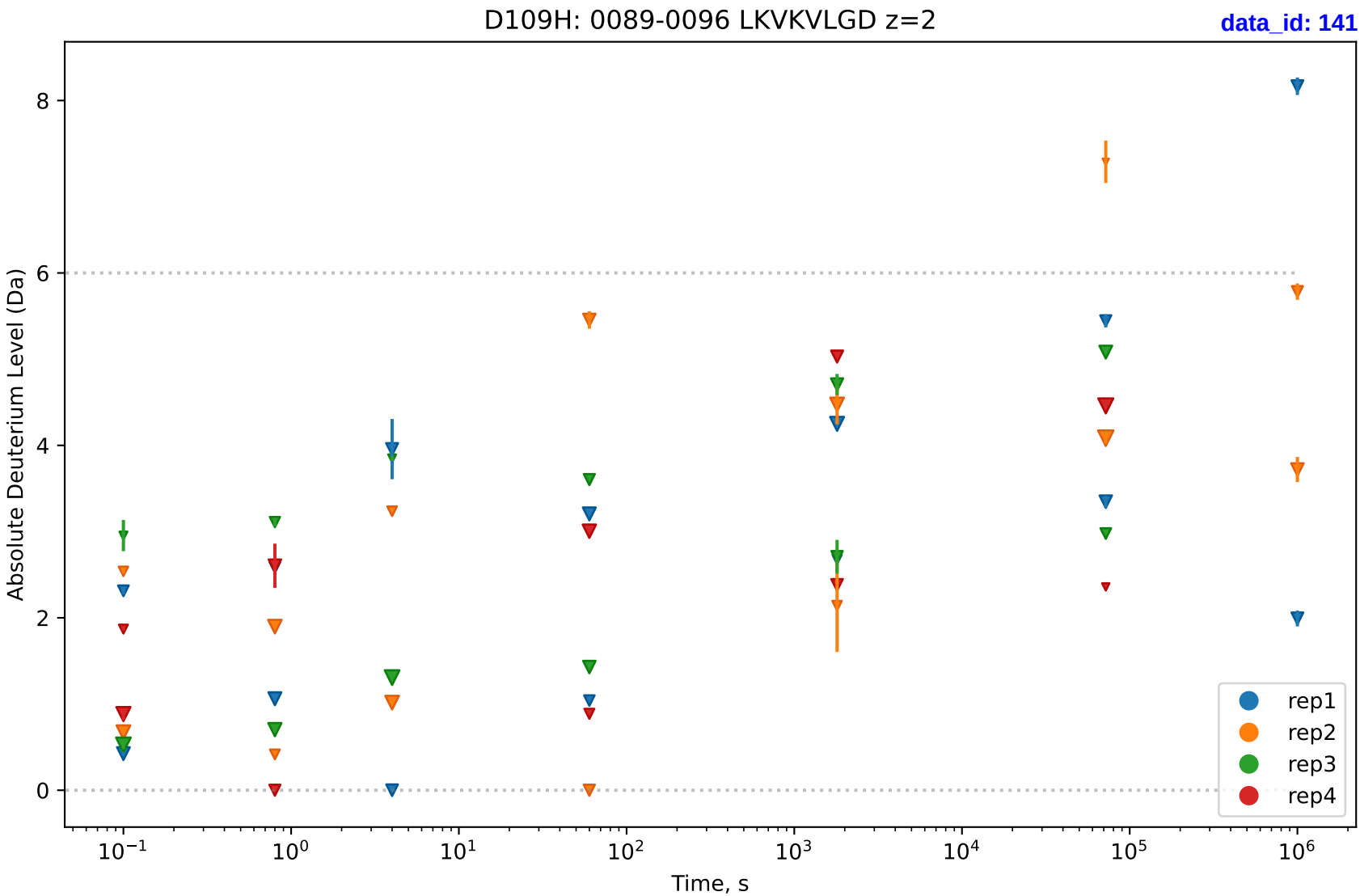

data_id: 138
D109H: 0087-0096 EELKVKVLGD z=2
Env res: 0.63
data UnDeut, rep 1
fit sum N=2
pop1 = 0.44
Dabs_1 = 0.0
m/z = 565.66
pop2 = 0.56
Dabs_2 = 0.0
m/z = 569.44
m/z = 565.63
Env res: 0.62
data UnDeut, rep 2
fit sum N=2
pop1 = 1.00
Dabs_1 = 0.0
m/z = 565.66
pop2 = 0.00
Dabs_2 = 16.1
m/z = 570.59
m/z = 565.61
Env res: 0.55
data UnDeut, rep 3
fit sum N=2
pop1 = 1.00
Dabs_1 = 0.0
m/z = 565.66
pop2 = 0.00
Dabs_2 = 12.7
m/z = 569.64
m/z = 565.60
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 0.82
data 0.1s, rep 1
fit sum N=2
pop1 = 0.67
Dabs_1 = 0.6
m/z = 565.95
pop2 = 0.33
Dabs_2 = 1.6
m/z = 568.17
m/z = 565.95
Env res: 0.88
data 0.1s, rep 2
fit sum N=2
pop1 = 0.81
Dabs_1 = 0.8
m/z = 565.90
pop2 = 0.19
Dabs_2 = 3.9
m/z = 566.76
m/z = 566.08
Env res: 1.24
data 0.1s, rep 3
fit sum N=2
pop1 = 0.83
Dabs_1 = 1.5
m/z = 566.08
pop2 = 0.17
Dabs_2 = 8.4
m/z = 568.17
m/z = 566.48
Env res: 0.93
data 0.1s, rep 4
fit sum N=2
pop1 = 0.84
Dabs_1 = 1.4
m/z = 566.07
pop2 = 0.16
Dabs_2 = 4.8
m/z = 567.14
m/z = 566.27
Replicates Overlay
data 0.1s
rep 1
rep 2
rep 3
rep 4
Env res: 0.90
data 0.8s, rep 1
fit sum N=2
pop1 = 0.74
Dabs_1 = 1.7
m/z = 566.15
pop2 = 0.26
Dabs_2 = 4.5
m/z = 567.00
m/z = 566.35
Env res: 0.88
data 0.8s, rep 2
fit sum N=2
pop1 = 0.93
Dabs_1 = 1.5
m/z = 566.11
pop2 = 0.07
Dabs_2 = 5.0
m/z = 567.73
m/z = 566.18
Env res: 0.88
data 0.8s, rep 3
fit sum N=2
pop1 = 0.69
Dabs_1 = 0.9
m/z = 565.94
pop2 = 0.31
Dabs_2 = 3.5
m/z = 566.66
m/z = 566.17
Env res: 0.88
data 0.8s, rep 4
fit sum N=2
pop1 = 0.94
Dabs_1 = 1.5
m/z = 566.13
pop2 = 0.06
Dabs_2 = 3.8
m/z = 567.57
m/z = 566.16
Replicates Overlay
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 0.83
data 4.0s, rep 1
fit sum N=2
pop1 = 0.30
Dabs_1 = 1.8
m/z = 566.21
pop2 = 0.70
Dabs_2 = 2.0
m/z = 568.17
m/z = 566.25
Env res: 0.84
data 4.0s, rep 2
fit sum N=2
pop1 = 0.15
Dabs_1 = 1.6
m/z = 566.18
pop2 = 0.85
Dabs_2 = 2.0
m/z = 566.22
m/z = 566.23
Env res: 0.79
data 4.0s, rep 3
fit sum N=2
pop1 = 0.92
Dabs_1 = 1.7
m/z = 566.17
pop2 = 0.08
Dabs_2 = 5.1
m/z = 567.11
m/z = 566.25
Replicates Overlay
data 4.0s
rep 1
rep 2
rep 3
Env res: 0.82
data 60.0s, rep 1
fit sum N=2
pop1 = 0.39
Dabs_1 = 2.8
m/z = 566.44
pop2 = 0.61
Dabs_2 = 2.9
m/z = 566.50
m/z = 566.49
Env res: 0.90
data 60.0s, rep 2
fit sum N=2
pop1 = 0.12
Dabs_1 = 1.7
m/z = 566.24
pop2 = 0.88
Dabs_2 = 3.3
m/z = 566.60
m/z = 566.58
Env res: 0.91
data 60.0s, rep 3
fit sum N=2
pop1 = 0.63
Dabs_1 = 1.8
m/z = 566.19
pop2 = 0.37
Dabs_2 = 4.7
m/z = 567.01
m/z = 566.51
Env res: 0.84
data 60.0s, rep 4
fit sum N=2
pop1 = 0.91
Dabs_1 = 2.4
m/z = 566.36
pop2 = 0.09
Dabs_2 = 7.2
m/z = 567.72
m/z = 566.49
Replicates Overlay
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 0.89
data 1800.0s, rep 1
fit sum N=2
pop1 = 0.29
Dabs_1 = 5.5
m/z = 567.29
pop2 = 0.71
Dabs_2 = 5.8
m/z = 567.32
m/z = 567.29
Env res: 0.89
data 1800.0s, rep 2
fit sum N=2
pop1 = 0.28
Dabs_1 = 3.9
m/z = 567.26
pop2 = 0.72
Dabs_2 = 6.2
m/z = 569.14
m/z = 567.27
Env res: 0.91
data 1800.0s, rep 3
fit sum N=2
pop1 = 0.37
Dabs_1 = 5.3
m/z = 567.19
pop2 = 0.63
Dabs_2 = 5.7
m/z = 567.29
m/z = 567.26
Env res: 0.93
data 1800.0s, rep 4
fit sum N=2
pop1 = 0.66
Dabs_1 = 5.2
m/z = 567.15
pop2 = 0.34
Dabs_2 = 6.2
m/z = 567.47
m/z = 567.27
Replicates Overlay
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 0.92
data 72000.0s, rep 1
fit sum N=2
pop1 = 0.80
Dabs_1 = 6.0
m/z = 567.34
pop2 = 0.20
Dabs_2 = 8.7
m/z = 568.31
m/z = 567.55
Env res: 0.92
data 72000.0s, rep 2
fit sum N=2
pop1 = 0.76
Dabs_1 = 5.9
m/z = 567.37
pop2 = 0.24
Dabs_2 = 8.8
m/z = 568.36
m/z = 567.60
Env res: 0.91
data 72000.0s, rep 3
fit sum N=2
pop1 = 0.78
Dabs_1 = 6.6
m/z = 567.55
pop2 = 0.22
Dabs_2 = 6.8
m/z = 567.62
m/z = 567.58
Env res: 0.89
data 72000.0s, rep 4
fit sum N=2
pop1 = 0.77
Dabs_1 = 6.2
m/z = 567.44
pop2 = 0.23
Dabs_2 = 6.9
m/z = 567.63
m/z = 567.49
Replicates Overlay
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 0.88
data FullDeut, rep 1
fit sum N=2
pop1 = 0.80
Dabs_1 = 7.7
m/z = 567.86
pop2 = 0.20
Dabs_2 = 8.7
m/z = 568.24
m/z = 567.90
Env res: 0.92
data FullDeut, rep 2
fit sum N=2
pop1 = 0.26
Dabs_1 = 8.0
m/z = 566.13
pop2 = 0.74
Dabs_2 = 8.0
m/z = 567.96
m/z = 567.95
Replicates Overlay
data FullDeut
rep 1
rep 2
Intensity
m/z

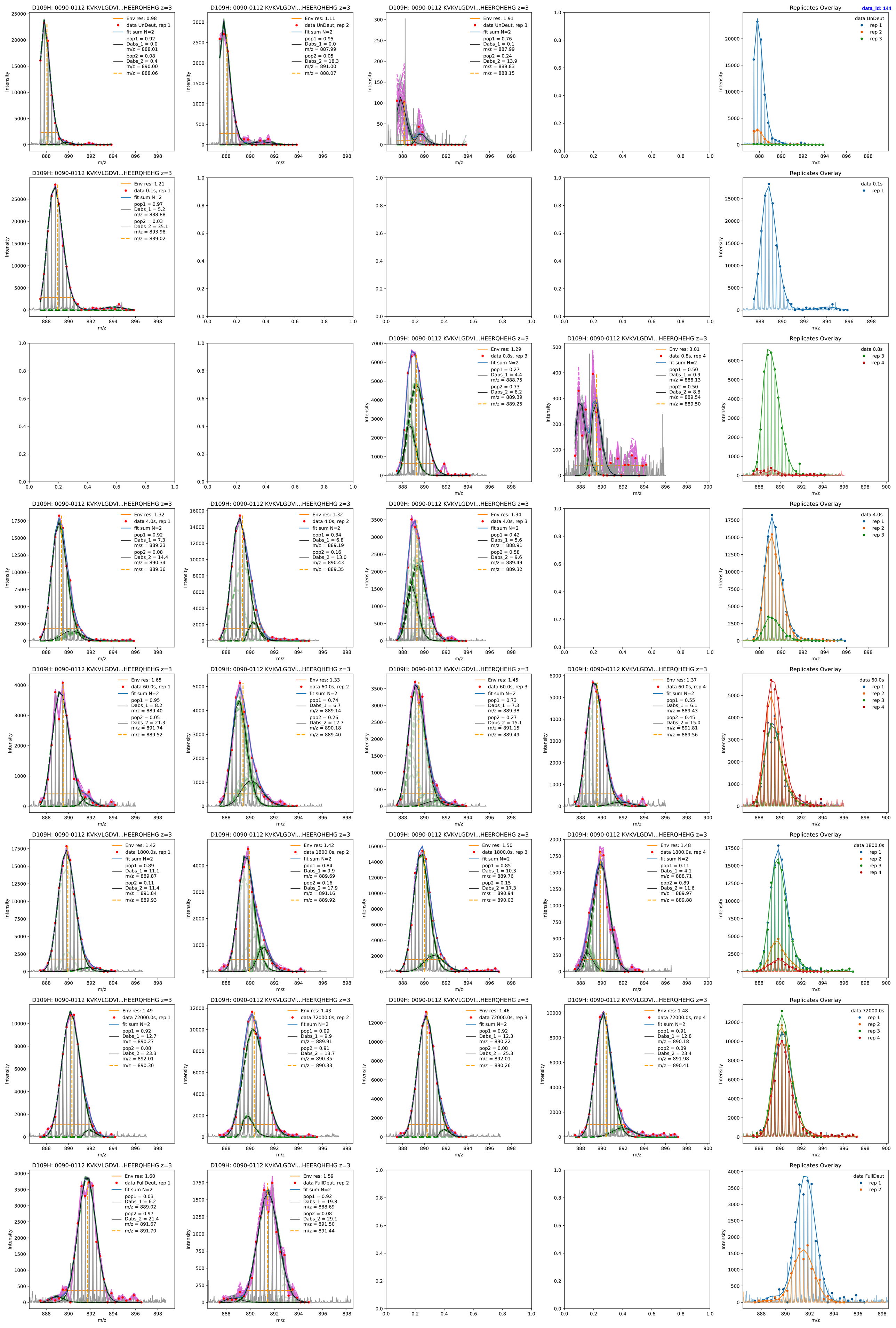
data_id: 138
D109H: 0087-0096 EELKVKVLGD z=2
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
0.1s, rep1
0.1s, rep2
0.1s, rep3
0.1s, rep4
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
4.0s, rep1
4.0s, rep2
4.0s, rep3
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, rep4
1800.0s, rep1
1800.0s, rep2
1800.0s, rep3
1800.0s, rep4
72000.0s, rep1
72000.0s, rep2
72000.0s, rep3
72000.0s, rep4
FullDeut, rep1
FullDeut, rep2
Replicates Overlay
UnDeut
0.1s
0.8s
4.0s
60.0s
1800.0s
72000.0s
FullDeut
pop0
pop1
Centroid
1_pop0
1_pop1
2_pop0
2_pop1
3_pop0
3_pop1
4_pop0
4_pop1
population
Absolute Deuterium Level (Da)

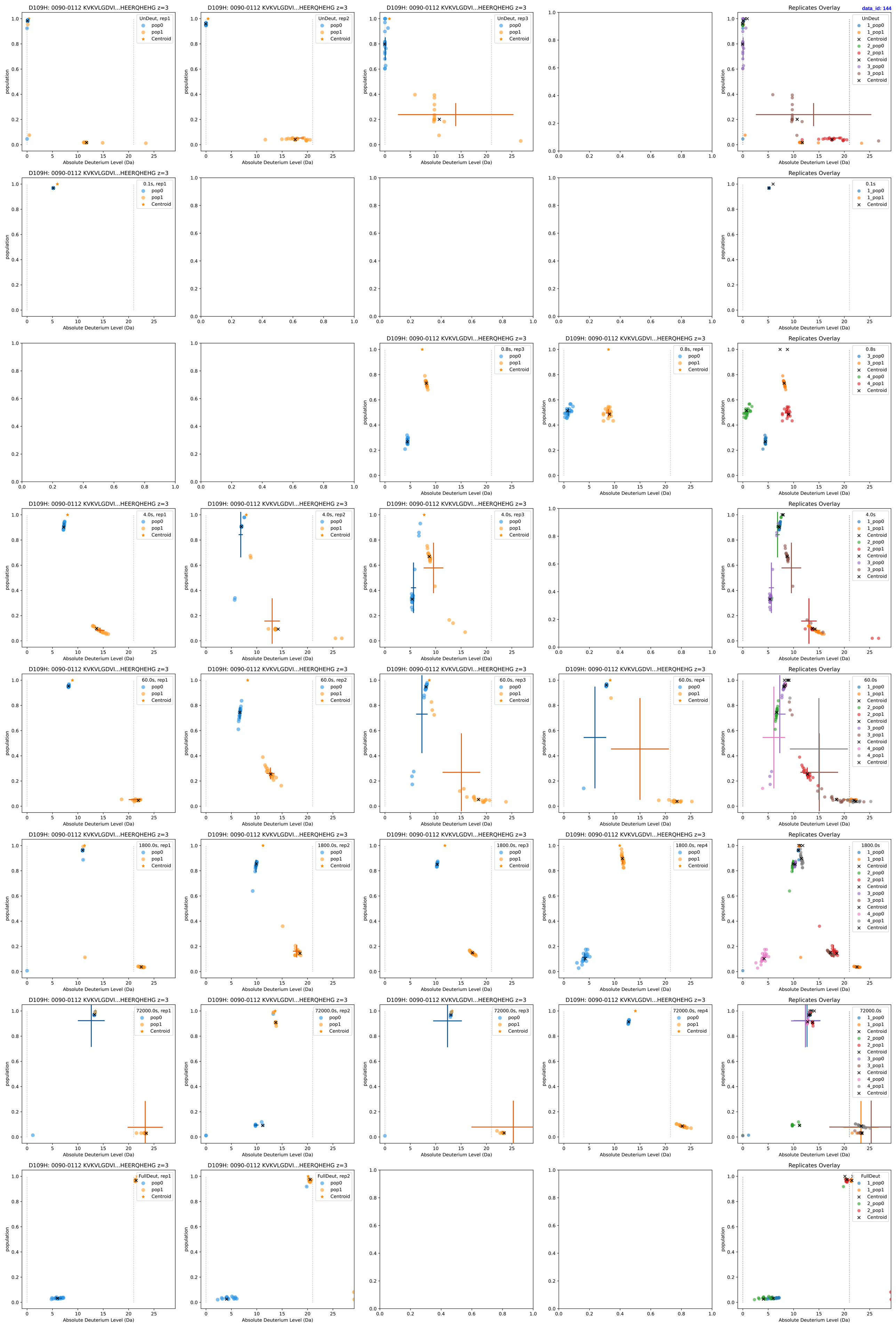

D109H: 0087-0096 EELKVKVLGD z=2
data_id: 138
Absolute Deuterium Level (Da)
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
Time, s
10^{-1}
10^{0}
10^{1}
10^{2}
10^{3}
10^{4}
10^{5}
10^{6}
rep1
rep2
rep3
rep4

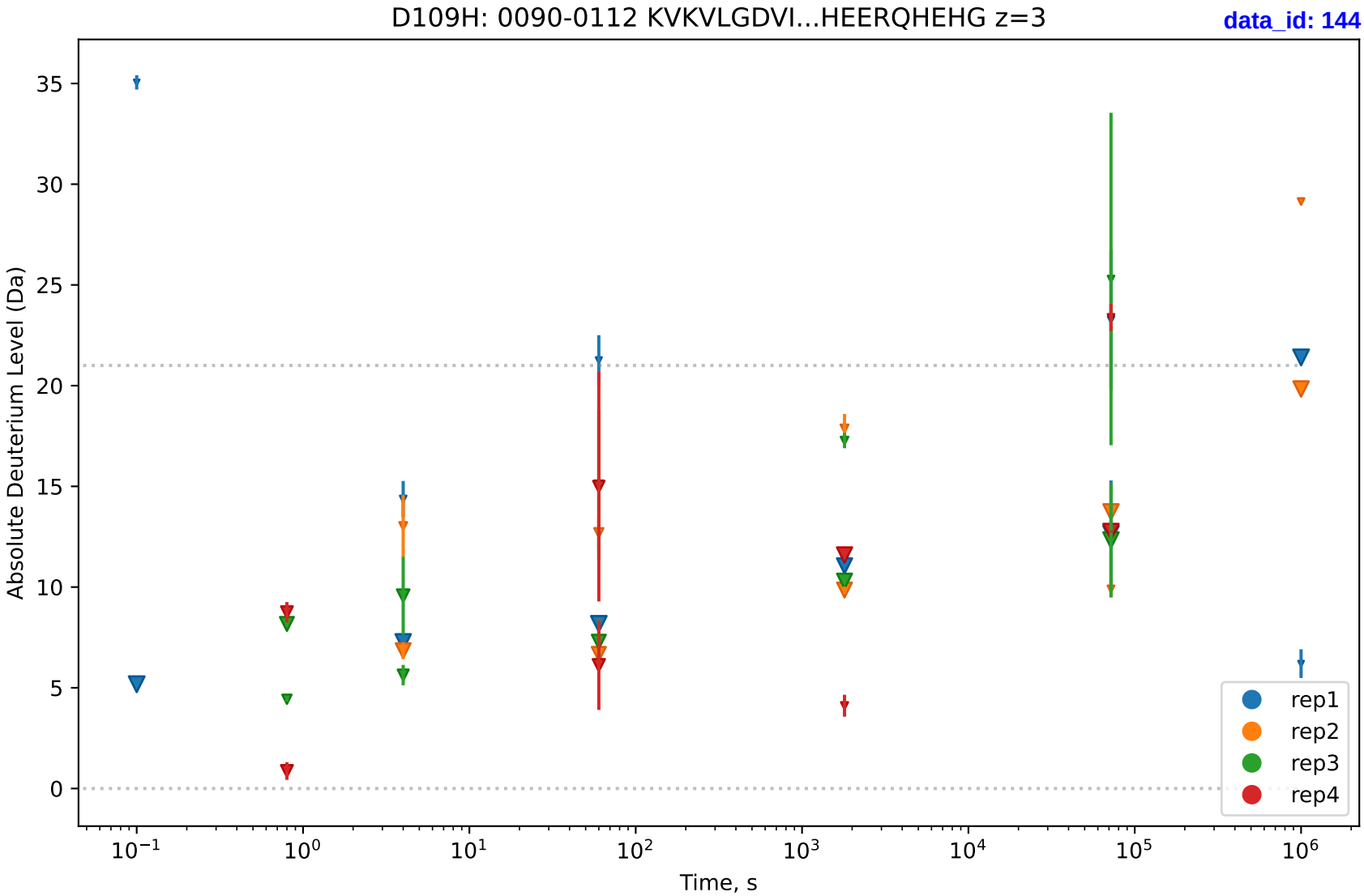

data_id: 141
D109H: 0089-0096 LKVKVLGD z=2
Env res: 0.74
data UnDeut, rep 1
fit sum N=2
pop1 = 0.71
Dabs_1 = 0.0
m/z = 436.55
pop2 = 0.29
Dabs_2 = 1.5
m/z = 437.09
m/z = 436.68
Env res: 0.74
data UnDeut, rep 2
fit sum N=2
pop1 = 0.66
Dabs_1 = 0.0
m/z = 436.55
pop2 = 0.34
Dabs_2 = 1.3
m/z = 437.02
m/z = 436.69
Env res: 0.75
data UnDeut, rep 3
fit sum N=2
pop1 = 0.59
Dabs_1 = 0.1
m/z = 436.59
pop2 = 0.41
Dabs_2 = 1.0
m/z = 436.96
m/z = 436.71
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 1.02
data 0.1s, rep 1
fit sum N=2
pop1 = 0.61
Dabs_1 = 0.4
m/z = 436.70
pop2 = 0.39
Dabs_2 = 2.3
m/z = 437.40
m/z = 436.96
Env res: 0.96
data 0.1s, rep 2
fit sum N=2
pop1 = 0.72
Dabs_1 = 0.7
m/z = 436.79
pop2 = 0.28
Dabs_2 = 2.5
m/z = 437.46
m/z = 436.98
Env res: 0.92
data 0.1s, rep 3
fit sum N=2
pop1 = 0.83
Dabs_1 = 0.5
m/z = 436.74
pop2 = 0.17
Dabs_2 = 3.0
m/z = 437.62
m/z = 436.91
Env res: 0.85
data 0.1s, rep 4
fit sum N=2
pop1 = 0.76
Dabs_1 = 0.9
m/z = 436.87
pop2 = 0.24
Dabs_2 = 1.9
m/z = 437.22
m/z = 436.96
Replicates Overlay
data 0.1s
rep 1
rep 2
rep 3
rep 4
Env res: 0.95
data 0.8s, rep 1
fit sum N=2
pop1 = 0.62
Dabs_1 = 1.1
m/z = 436.94
pop2 = 0.38
Dabs_2 = 2.6
m/z = 437.49
m/z = 437.15
Env res: 1.03
data 0.8s, rep 2
fit sum N=2
pop1 = 0.31
Dabs_1 = 0.4
m/z = 436.70
pop2 = 0.69
Dabs_2 = 1.9
m/z = 437.24
m/z = 437.07
Env res: 1.06
data 0.8s, rep 3
fit sum N=2
pop1 = 0.65
Dabs_1 = 0.7
m/z = 436.80
pop2 = 0.35
Dabs_2 = 3.1
m/z = 437.70
m/z = 437.11
Env res: 1.20
data 0.8s, rep 4
fit sum N=2
pop1 = 0.43
Dabs_1 = 0.0
m/z = 436.55
pop2 = 0.57
Dabs_2 = 2.6
m/z = 437.66
m/z = 437.21
Replicates Overlay
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 1.37
data 4.0s, rep 1
fit sum N=2
pop1 = 0.48
Dabs_1 = 0.0
m/z = 436.55
pop2 = 0.52
Dabs_2 = 4.0
m/z = 438.09
m/z = 437.37
Env res: 1.06
data 4.0s, rep 2
fit sum N=2
pop1 = 0.70
Dabs_1 = 1.0
m/z = 436.92
pop2 = 0.30
Dabs_2 = 3.2
m/z = 437.73
m/z = 437.15
Env res: 0.98
data 4.0s, rep 3
fit sum N=2
pop1 = 0.83
Dabs_1 = 1.3
m/z = 437.03
pop2 = 0.17
Dabs_2 = 3.8
m/z = 437.96
m/z = 437.18
Replicates Overlay
data 4.0s
rep 1
rep 2
rep 3
Env res: 1.09
data 60.0s, rep 1
fit sum N=2
pop1 = 0.37
Dabs_1 = 1.0
m/z = 436.93
pop2 = 0.63
Dabs_2 = 3.2
m/z = 437.72
m/z = 437.41
Env res: 1.55
data 60.0s, rep 2
fit sum N=2
pop1 = 0.44
Dabs_1 = 0.0
m/z = 436.55
pop2 = 0.56
Dabs_2 = 5.5
m/z = 438.55
m/z = 437.71
Env res: 1.00
data 60.0s, rep 3
fit sum N=2
pop1 = 0.57
Dabs_1 = 1.4
m/z = 437.07
pop2 = 0.43
Dabs_2 = 3.6
m/z = 437.86
m/z = 437.41
Env res: 1.10
data 60.0s, rep 4
fit sum N=2
pop1 = 0.33
Dabs_1 = 0.9
m/z = 436.87
pop2 = 0.67
Dabs_2 = 3.0
m/z = 437.64
m/z = 437.38
Replicates Overlay
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 0.92
data 1800.0s, rep 1
fit sum N=2
pop1 = 0.26
Dabs_1 = 2.7
m/z = 437.52
pop2 = 0.74
Dabs_2 = 4.2
m/z = 438.10
m/z = 437.94
Env res: 0.92
data 1800.0s, rep 2
fit sum N=2
pop1 = 0.29
Dabs_1 = 2.1
m/z = 437.47
pop2 = 0.71
Dabs_2 = 4.5
m/z = 438.24
m/z = 437.95
Env res: 0.91
data 1800.0s, rep 3
fit sum N=2
pop1 = 0.46
Dabs_1 = 2.7
m/z = 437.55
pop2 = 0.54
Dabs_2 = 4.7
m/z = 438.28
m/z = 437.93
Env res: 0.93
data 1800.0s, rep 4
fit sum N=2
pop1 = 0.48
Dabs_1 = 2.4
m/z = 437.43
pop2 = 0.52
Dabs_2 = 5.0
m/z = 438.39
m/z = 437.92
Replicates Overlay
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 0.92
data 72000.0s, rep 1
fit sum N=2
pop1 = 0.57
Dabs_1 = 3.3
m/z = 437.76
pop2 = 0.43
Dabs_2 = 5.4
m/z = 438.52
m/z = 438.09
Env res: 0.92
data 72000.0s, rep 2
fit sum N=2
pop1 = 0.93
Dabs_1 = 4.1
m/z = 438.03
pop2 = 0.07
Dabs_2 = 7.3
m/z = 439.09
m/z = 438.09
Env res: 0.91
data 72000.0s, rep 3
fit sum N=2
pop1 = 0.39
Dabs_1 = 3.0
m/z = 437.63
pop2 = 0.61
Dabs_2 = 5.1
m/z = 438.41
m/z = 438.10
Env res: 0.90
data 72000.0s, rep 4
fit sum N=2
pop1 = 0.13
Dabs_1 = 2.4
m/z = 437.45
pop2 = 0.87
Dabs_2 = 4.5
m/z = 438.18
m/z = 438.07
Replicates Overlay
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.03
data FullDeut, rep 1
fit sum N=2
pop1 = 0.50
Dabs_1 = 2.0
m/z = 437.38
pop2 = 0.50
Dabs_2 = 8.2
m/z = 439.56
m/z = 438.38
Env res: 0.89
data FullDeut, rep 2
fit sum N=2
pop1 = 0.57
Dabs_1 = 3.7
m/z = 437.89
pop2 = 0.43
Dabs_2 = 5.8
m/z = 438.69
m/z = 438.26
Replicates Overlay
data FullDeut
rep 1
rep 2
Intensity
m/z


data_id: 141
D109H: 0089-0096 LKVKVLGD z=2
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
0.1s, rep1
0.1s, rep2
0.1s, rep3
0.1s, rep4
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
4.0s, rep1
4.0s, rep2
4.0s, rep3
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, rep4
1800.0s, rep1
1800.0s, rep2
1800.0s, rep3
1800.0s, rep4
72000.0s, rep1
72000.0s, rep2
72000.0s, rep3
72000.0s, rep4
FullDeut, rep1
FullDeut, rep2
pop0
pop1
Centroid
Replicates Overlay
UnDeut
0.1s
0.8s
4.0s
60.0s
1800.0s
72000.0s
FullDeut
1_pop0
1_pop1
2_pop0
2_pop1
3_pop0
3_pop1
4_pop0
4_pop1
Absolute Deuterium Level (Da)
population

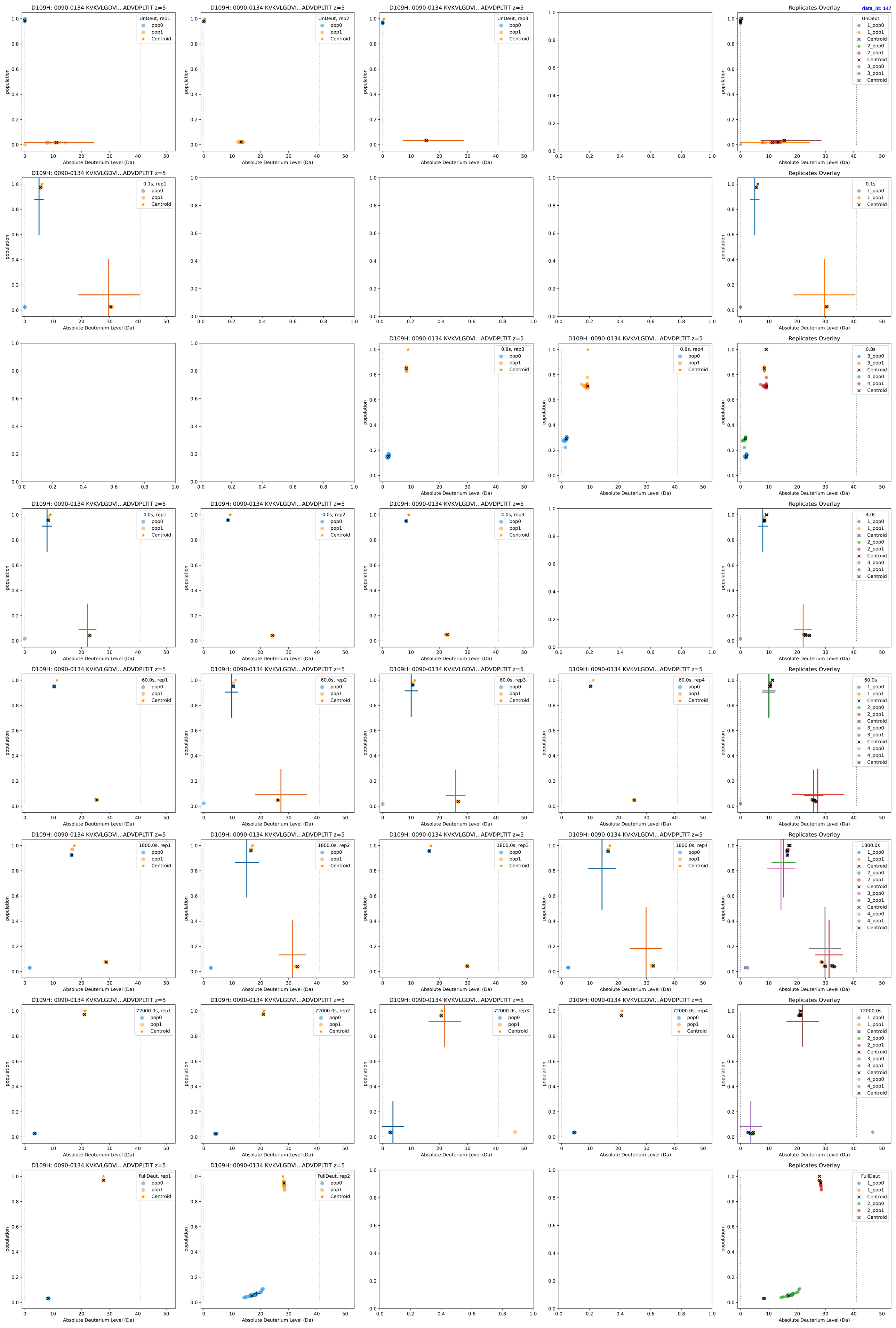

D109H: 0089-0096 LKVKVLGD z=2
data_id: 141
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4

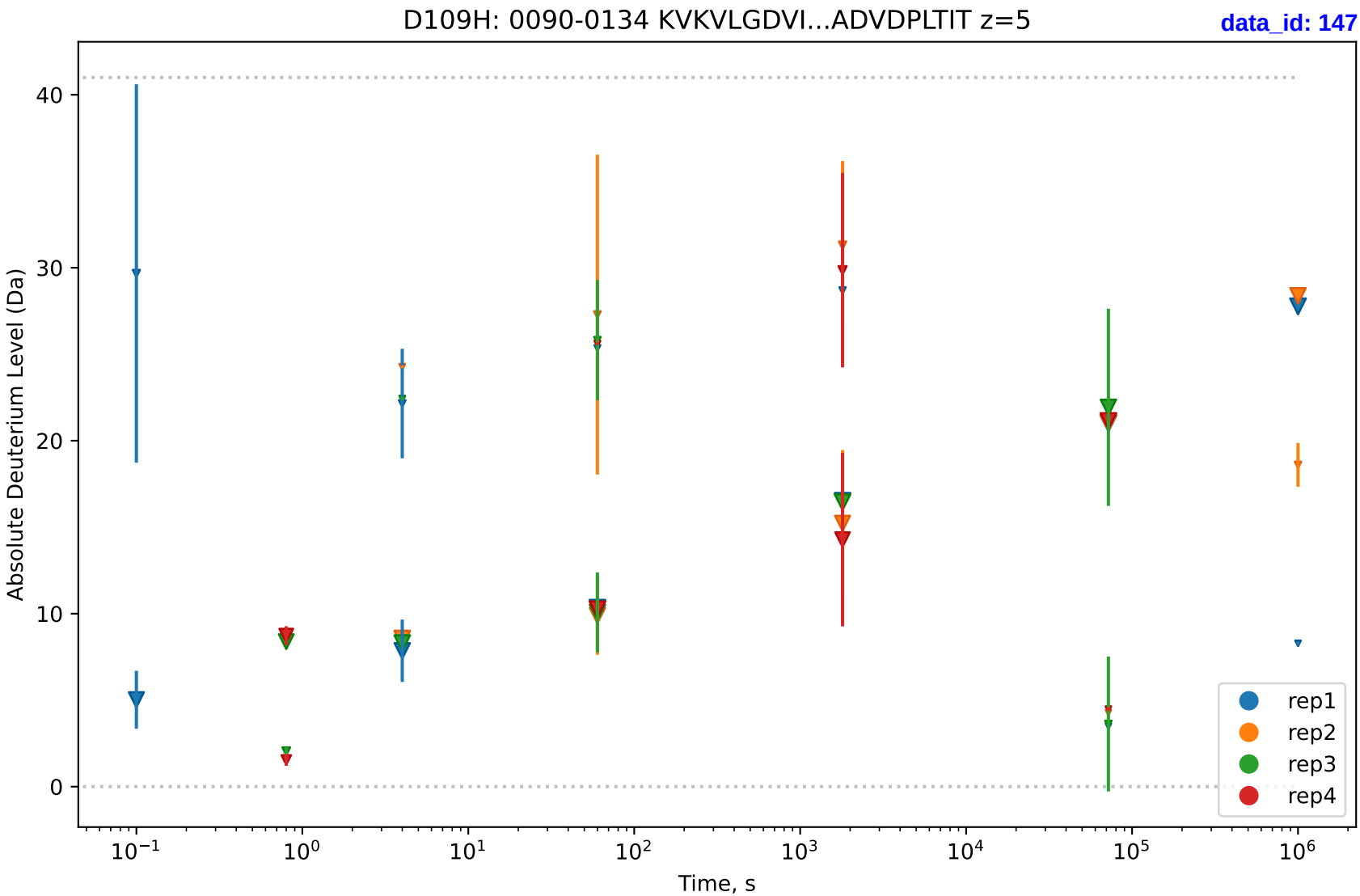

data_id: 144
D109H: 0090-0112 KVKVLGDVI...HEERQHEHG z=3
Env res: 0.98
data UnDeut, rep 1
fit sum N=2
pop1 = 0.92
Dabs_1 = 0.0
m/z = 888.01
pop2 = 0.08
Dabs_2 = 0.4
m/z = 890.00
m/z = 888.06
Env res: 1.11
data UnDeut, rep 2
pop1 = 0.95
Dabs_1 = 0.0
m/z = 887.99
pop2 = 0.05
Dabs_2 = 18.3
m/z = 891.00
m/z = 888.07
Env res: 1.91
data UnDeut, rep 3
pop1 = 0.76
Dabs_1 = 0.1
m/z = 887.99
pop2 = 0.24
Dabs_2 = 13.9
m/z = 889.83
m/z = 888.15
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 1.21
data 0.1s, rep 1
pop1 = 0.97
Dabs_1 = 5.2
m/z = 888.88
pop2 = 0.03
Dabs_2 = 35.1
m/z = 893.98
m/z = 889.02
data 0.1s
rep 1
Env res: 1.29
data 0.8s, rep 3
pop1 = 0.27
Dabs_1 = 4.4
m/z = 888.75
pop2 = 0.73
Dabs_2 = 8.2
m/z = 889.39
m/z = 889.25
Env res: 3.01
data 0.8s, rep 4
pop1 = 0.50
Dabs_1 = 0.9
m/z = 888.13
pop2 = 0.50
Dabs_2 = 8.8
m/z = 889.54
m/z = 889.50
data 0.8s
rep 3
rep 4
Env res: 1.32
data 4.0s, rep 1
pop1 = 0.92
Dabs_1 = 7.3
m/z = 889.23
pop2 = 0.08
Dabs_2 = 14.4
m/z = 890.34
m/z = 889.36
Env res: 1.32
data 4.0s, rep 2
pop1 = 0.84
Dabs_1 = 6.8
m/z = 889.19
pop2 = 0.16
Dabs_2 = 13.0
m/z = 890.43
m/z = 889.35
Env res: 1.34
data 4.0s, rep 3
pop1 = 0.42
Dabs_1 = 5.6
m/z = 888.91
pop2 = 0.58
Dabs_2 = 9.6
m/z = 889.49
m/z = 889.32
data 4.0s
rep 1
rep 2
rep 3
Env res: 1.65
data 60.0s, rep 1
pop1 = 0.95
Dabs_1 = 8.2
m/z = 889.40
pop2 = 0.05
Dabs_2 = 21.3
m/z = 891.74
m/z = 889.52
Env res: 1.33
data 60.0s, rep 2
pop1 = 0.74
Dabs_1 = 6.7
m/z = 889.14
pop2 = 0.26
Dabs_2 = 12.7
m/z = 890.18
m/z = 889.40
Env res: 1.45
data 60.0s, rep 3
pop1 = 0.73
Dabs_1 = 7.3
m/z = 889.38
pop2 = 0.27
Dabs_2 = 15.1
m/z = 891.15
m/z = 889.49
Env res: 1.37
data 60.0s, rep 4
pop1 = 0.55
Dabs_1 = 6.1
m/z = 889.43
pop2 = 0.45
Dabs_2 = 15.0
m/z = 891.81
m/z = 889.56
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.42
data 1800.0s, rep 1
pop1 = 0.89
Dabs_1 = 11.1
m/z = 889.87
pop2 = 0.11
Dabs_2 = 11.4
m/z = 891.84
m/z = 889.93
Env res: 1.42
data 1800.0s, rep 2
pop1 = 0.84
Dabs_1 = 9.9
m/z = 889.69
pop2 = 0.16
Dabs_2 = 17.9
m/z = 891.16
m/z = 889.92
Env res: 1.50
data 1800.0s, rep 3
pop1 = 0.85
Dabs_1 = 10.3
m/z = 889.76
pop2 = 0.15
Dabs_2 = 17.3
m/z = 890.94
m/z = 890.02
Env res: 1.48
data 1800.0s, rep 4
pop1 = 0.11
Dabs_1 = 4.1
m/z = 888.71
pop2 = 0.89
Dabs_2 = 11.6
m/z = 889.97
m/z = 889.88
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.49
data 72000.0s, rep 1
pop1 = 0.92
Dabs_1 = 12.7
m/z = 890.27
pop2 = 0.08
Dabs_2 = 23.3
m/z = 892.01
m/z = 890.30
Env res: 1.43
data 72000.0s, rep 2
pop1 = 0.09
Dabs_1 = 9.9
m/z = 889.91
pop2 = 0.91
Dabs_2 = 13.7
m/z = 890.35
m/z = 890.33
Env res: 1.46
data 72000.0s, rep 3
pop1 = 0.92
Dabs_1 = 12.3
m/z = 890.22
pop2 = 0.08
Dabs_2 = 25.3
m/z = 892.01
m/z = 890.26
Env res: 1.48
data 72000.0s, rep 4
pop1 = 0.91
Dabs_1 = 12.8
m/z = 890.18
pop2 = 0.09
Dabs_2 = 23.4
m/z = 891.98
m/z = 890.41
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.60
data FullDeut, rep 1
pop1 = 0.03
Dabs_1 = 6.2
m/z = 889.02
pop2 = 0.97
Dabs_2 = 21.4
m/z = 891.67
m/z = 891.70
Env res: 1.59
data FullDeut, rep 2
pop1 = 0.92
Dabs_1 = 19.8
m/z = 888.69
pop2 = 0.08
Dabs_2 = 29.1
m/z = 891.50
m/z = 891.44
data FullDeut
rep 1
rep 2
Intensity
m/z

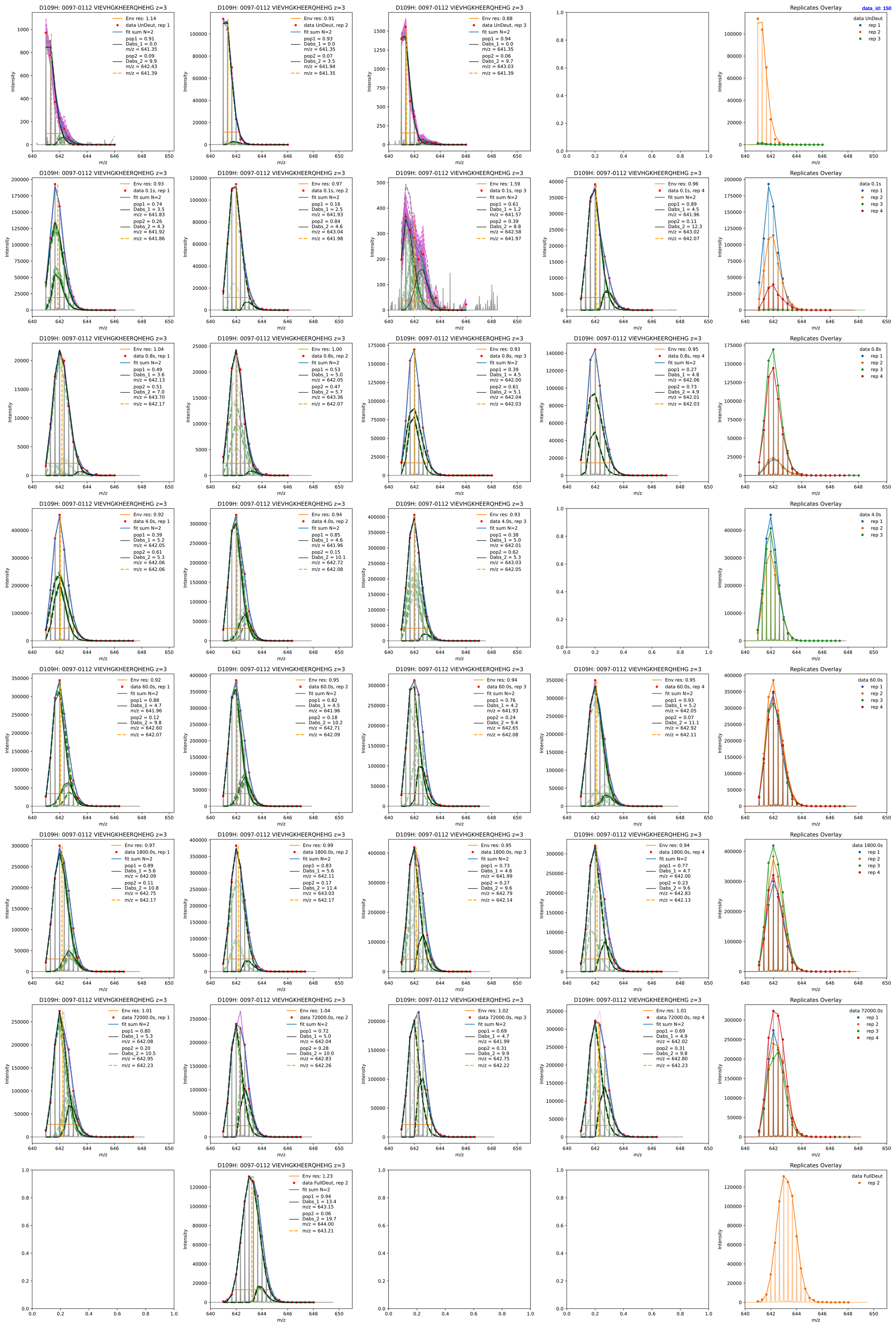

data_id: 144
D109H: 0090-0112 KVKVLGDVI...HEERQHEHG z=3
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
0.1s, rep1
0.8s, rep3
0.8s, rep4
4.0s, rep1
4.0s, rep2
4.0s, rep3
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, rep4
1800.0s, rep1
1800.0s, rep2
1800.0s, rep3
1800.0s, rep4
72000.0s, rep1
72000.0s, rep2
72000.0s, rep3
72000.0s, rep4
FullDeut, rep1
FullDeut, rep2
pop0
pop1
Centroid
Replicates Overlay
UnDeut
0.1s
0.8s
4.0s
60.0s
1800.0s
72000.0s
FullDeut
1_pop0
1_pop1
2_pop0
2_pop1
3_pop0
3_pop1
4_pop0
4_pop1
Absolute Deuterium Level (Da)
population

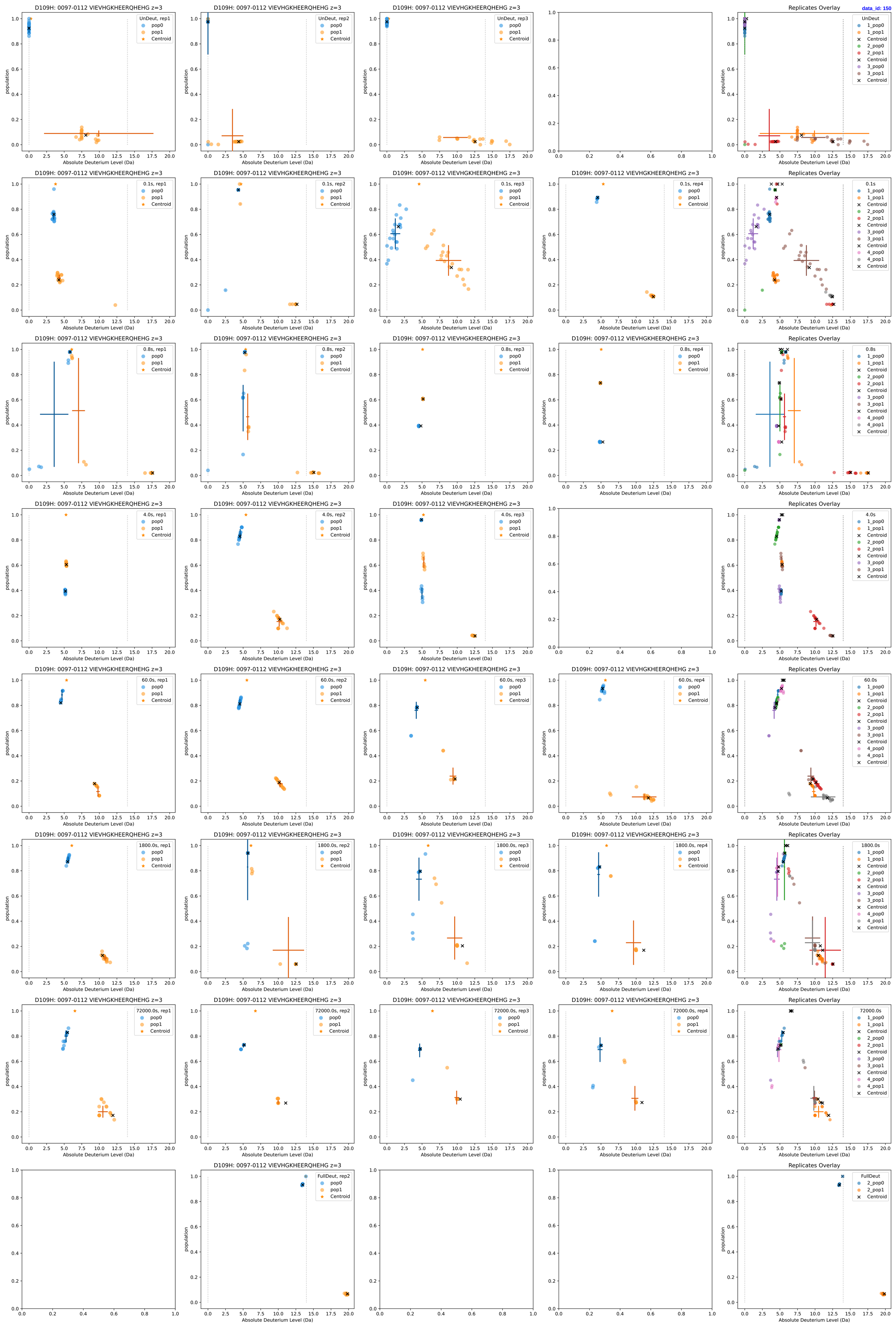

D109H: 0090-0112 KVKVLGDVI...HEERQHEHG z=3
data_id: 144
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4

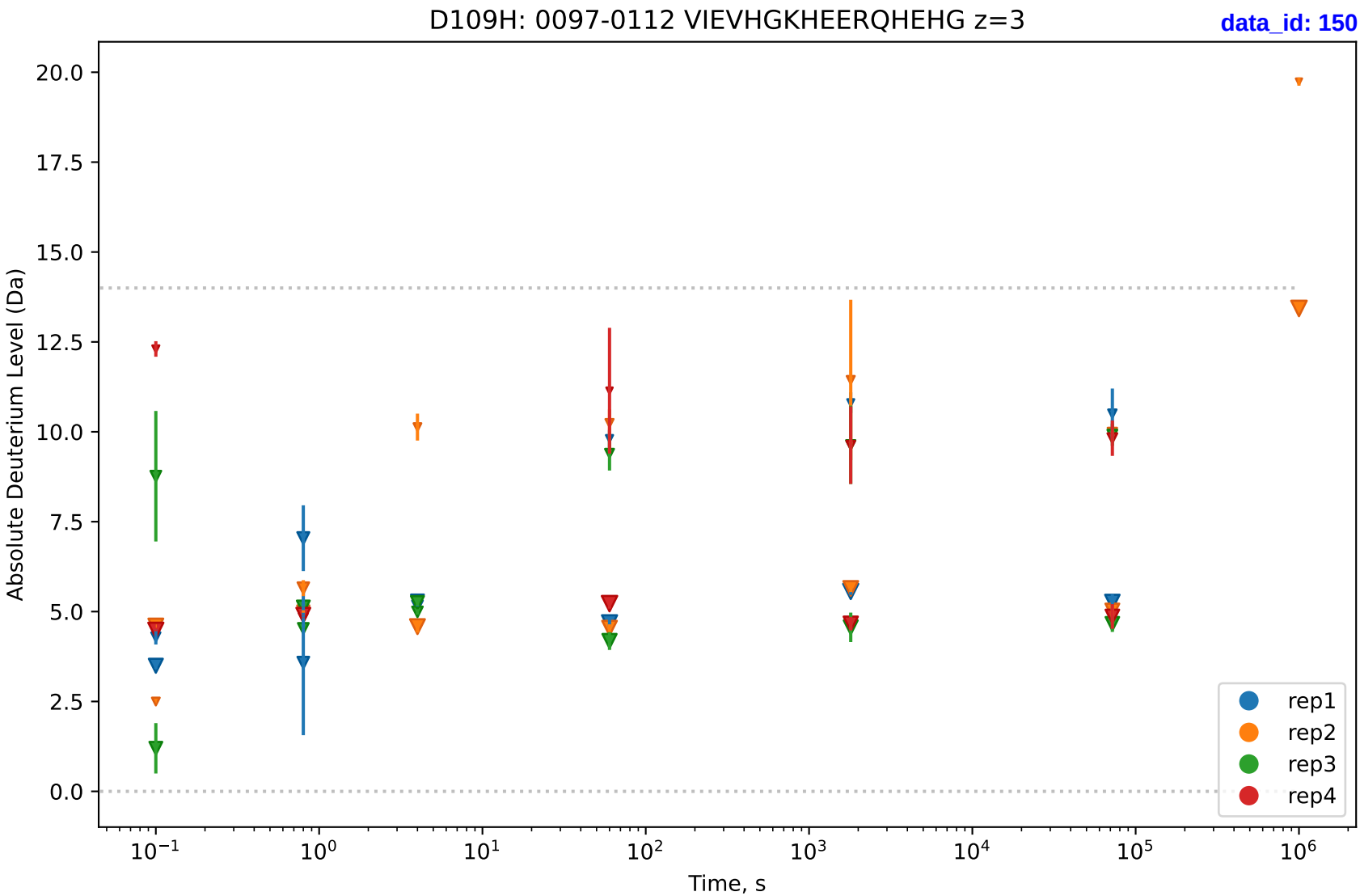
D109H: 0090-0134 KVKVLGDVI...ADVDPLTIT z=5
Env res: 1.15
data UnDeut, rep 1
fit sum N=2
pop1 = 0.98
Dabs_1 = 0.0
m/z = 1064.60
pop2 = 0.02
Dabs_2 = 12.2
m/z = 1066.32
m/z = 1064.64
D109H: 0090-0134 KVKVLGDVI...ADVDPLTIT z=5
Env res: 1.15
data UnDeut, rep 2
fit sum N=2
pop1 = 0.98
Dabs_1 = 0.0
m/z = 1064.61
pop2 = 0.02
Dabs_2 = 13.1
m/z = 1066.62
m/z = 1064.66
D109H: 0090-0134 KVKVLGDVI...ADVDPLTIT z=5
Env res: 1.11
data UnDeut, rep 3
fit sum N=2
pop1 = 0.97
Dabs_1 = 0.0
m/z = 1064.60
pop2 = 0.03
Dabs_2 = 17.8
m/z = 1066.96
m/z = 1064.68
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
D109H: 0090-0134 KVKVLGDVI...ADVDPLTIT z=5
Env res: 1.62
data 0.1s, rep 1
fit sum N=2
pop1 = 0.88
Dabs_1 = 5.0
m/z = 1065.46
pop2 = 0.12
Dabs_2 = 29.7
m/z = 1069.22
m/z = 1065.54
Replicates Overlay
data 0.1s
rep 1
D109H: 0090-0134 KVKVLGDVI...ADVDPLTIT z=5
Env res: 2.13
data 0.8s, rep 3
fit sum N=2
pop1 = 0.16
Dabs_1 = 2.0
m/z = 1064.92
pop2 = 0.84
Dabs_2 = 8.4
m/z = 1065.88
m/z = 1065.98
D109H: 0090-0134 KVKVLGDVI...ADVDPLTIT z=5
Env res: 2.22
data 0.8s, rep 4
fit sum N=2
pop1 = 0.29
Dabs_1 = 1.5
m/z = 1064.86
pop2 = 0.71
Dabs_2 = 8.7
m/z = 1066.01
m/z = 1066.01
Replicates Overlay
data 0.8s
rep 3
rep 4
D109H: 0090-0134 KVKVLGDVI...ADVDPLTIT z=5
Env res: 1.68
data 4.0s, rep 1
fit sum N=2
pop1 = 0.91
Dabs_1 = 7.9
m/z = 1065.87
pop2 = 0.09
Dabs_2 = 22.1
m/z = 1068.10
m/z = 1065.98
D109H: 0090-0134 KVKVLGDVI...ADVDPLTIT z=5
Env res: 1.79
data 4.0s, rep 2
fit sum N=2
pop1 = 0.96
Dabs_1 = 8.6
m/z = 1065.91
pop2 = 0.04
Dabs_2 = 24.3
m/z = 1068.32
m/z = 1066.03
D109H: 0090-0134 KVKVLGDVI...ADVDPLTIT z=5
Env res: 1.82
data 4.0s, rep 3
fit sum N=2
pop1 = 0.95
Dabs_1 = 8.3
m/z = 1065.87
pop2 = 0.05
Dabs_2 = 22.4
m/z = 1068.07
m/z = 1066.01
Replicates Overlay
data 4.0s
rep 1
rep 2
rep 3
D109H: 0090-0134 KVKVLGDVI...ADVDPLTIT z=5
Env res: 1.85
data 60.0s, rep 1
fit sum N=2
pop1 = 0.95
Dabs_1 = 10.3
m/z = 1066.19
pop2 = 0.05
Dabs_2 = 25.4
m/z = 1068.48
m/z = 1066.33
D109H: 0090-0134 KVKVLGDVI...ADVDPLTIT z=5
Env res: 1.91
data 60.0s, rep 2
fit sum N=2
pop1 = 0.91
Dabs_1 = 9.9
m/z = 1066.19
pop2 = 0.09
Dabs_2 = 27.3
m/z = 1068.60
m/z = 1066.31
D109H: 0090-0134 KVKVLGDVI...ADVDPLTIT z=5
Env res: 1.89
data 60.0s, rep 3
fit sum N=2
pop1 = 0.92
Dabs_1 = 10.1
m/z = 1066.23
pop2 = 0.08
Dabs_2 = 25.8
m/z = 1068.67
m/z = 1066.34
D109H: 0090-0134 KVKVLGDVI...ADVDPLTIT z=5
Env res: 1.86
data 60.0s, rep 4
fit sum N=2
pop1 = 0.95
Dabs_1 = 10.3
m/z = 1066.17
pop2 = 0.05
Dabs_2 = 25.6
m/z = 1068.52
m/z = 1066.31
Replicates Overlay
data 60.0s
rep 1
rep 2
rep 3
rep 4
D109H: 0090-0134 KVKVLGDVI...ADVDPLTIT z=5
Env res: 2.14
data 1800.0s, rep 1
fit sum N=2
pop1 = 0.92
Dabs_1 = 16.5
m/z = 1067.13
pop2 = 0.08
Dabs_2 = 28.7
m/z = 1068.98
m/z = 1067.27
D109H: 0090-0134 KVKVLGDVI...ADVDPLTIT z=5
Env res: 2.10
data 1800.0s, rep 2
fit sum N=2
pop1 = 0.87
Dabs_1 = 15.2
m/z = 1067.15
pop2 = 0.13
Dabs_2 = 31.3
m/z = 1069.63
m/z = 1067.23
D109H: 0090-0134 KVKVLGDVI...ADVDPLTIT z=5
Env res: 2.14
data 1800.0s, rep 3
fit sum N=2
pop1 = 0.96
Dabs_1 = 16.4
m/z = 1067.12
pop2 = 0.04
Dabs_2 = 29.8
m/z = 1069.16
m/z = 1067.20
D109H: 0090-0134 KVKVLGDVI...ADVDPLTIT z=5
Env res: 2.18
data 1800.0s, rep 4
fit sum N=2
pop1 = 0.82
Dabs_1 = 14.3
m/z = 1067.11
pop2 = 0.18
Dabs_2 = 29.9
m/z = 1069.54
m/z = 1067.20
Replicates Overlay
data 1800.0s
rep 1
rep 2
rep 3
rep 4
D109H: 0090-0134 KVKVLGDVI...ADVDPLTIT z=5
Env res: 2.20
data 72000.0s, rep 1
fit sum N=2
pop1 = 0.03
Dabs_1 = 3.5
m/z = 1065.14
pop2 = 0.97
Dabs_2 = 21.0
m/z = 1067.82
m/z = 1067.85
D109H: 0090-0134 KVKVLGDVI...ADVDPLTIT z=5
Env res: 2.14
data 72000.0s, rep 2
fit sum N=2
pop1 = 0.03
Dabs_1 = 4.3
m/z = 1065.26
pop2 = 0.97
Dabs_2 = 21.0
m/z = 1067.82
m/z = 1067.85
D109H: 0090-0134 KVKVLGDVI...ADVDPLTIT z=5
Env res: 2.10
data 72000.0s, rep 3
fit sum N=2
pop1 = 0.08
Dabs_1 = 3.6
m/z = 1065.02
pop2 = 0.92
Dabs_2 = 21.9
m/z = 1067.76
m/z = 1067.79
D109H: 0090-0134 KVKVLGDVI...ADVDPLTIT z=5
Env res: 2.18
data 72000.0s, rep 4
fit sum N=2
pop1 = 0.04
Dabs_1 = 4.5
m/z = 1065.29
pop2 = 0.96
Dabs_2 = 21.1
m/z = 1067.84
m/z = 1067.85
Replicates Overlay
data 72000.0s
rep 1
rep 2
rep 3
rep 4
D109H: 0090-0134 KVKVLGDVI...ADVDPLTIT z=5
Env res: 2.16
data FullDeut, rep 1
fit sum N=2
pop1 = 0.03
Dabs_1 = 8.3
m/z = 1065.87
pop2 = 0.97
Dabs_2 = 27.8
m/z = 1068.85
m/z = 1068.83
D109H: 0090-0134 KVKVLGDVI...ADVDPLTIT z=5
Env res: 2.22
data FullDeut, rep 2
fit sum N=2
pop1 = 0.07
Dabs_1 = 18.6
m/z = 1067.21
pop2 = 0.93
Dabs_2 = 28.4
m/z = 1068.93
m/z = 1068.86
Replicates Overlay
data FullDeut
rep 1
rep 2
Intensity
m/z


data_id: 147
D109H: 0090-0134 KVKVLGDVI...ADVDPLTIT z=5
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
0.1s, rep1
0.8s, rep3
0.8s, rep4
4.0s, rep1
4.0s, rep2
4.0s, rep3
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, rep4
1800.0s, rep1
1800.0s, rep2
1800.0s, rep3
1800.0s, rep4
72000.0s, rep1
72000.0s, rep2
72000.0s, rep3
72000.0s, rep4
FullDeut, rep1
FullDeut, rep2
pop0
pop1
Centroid
Replicates Overlay
UnDeut
0.1s
0.8s
4.0s
60.0s
1800.0s
72000.0s
FullDeut
population
Absolute Deuterium Level (Da)

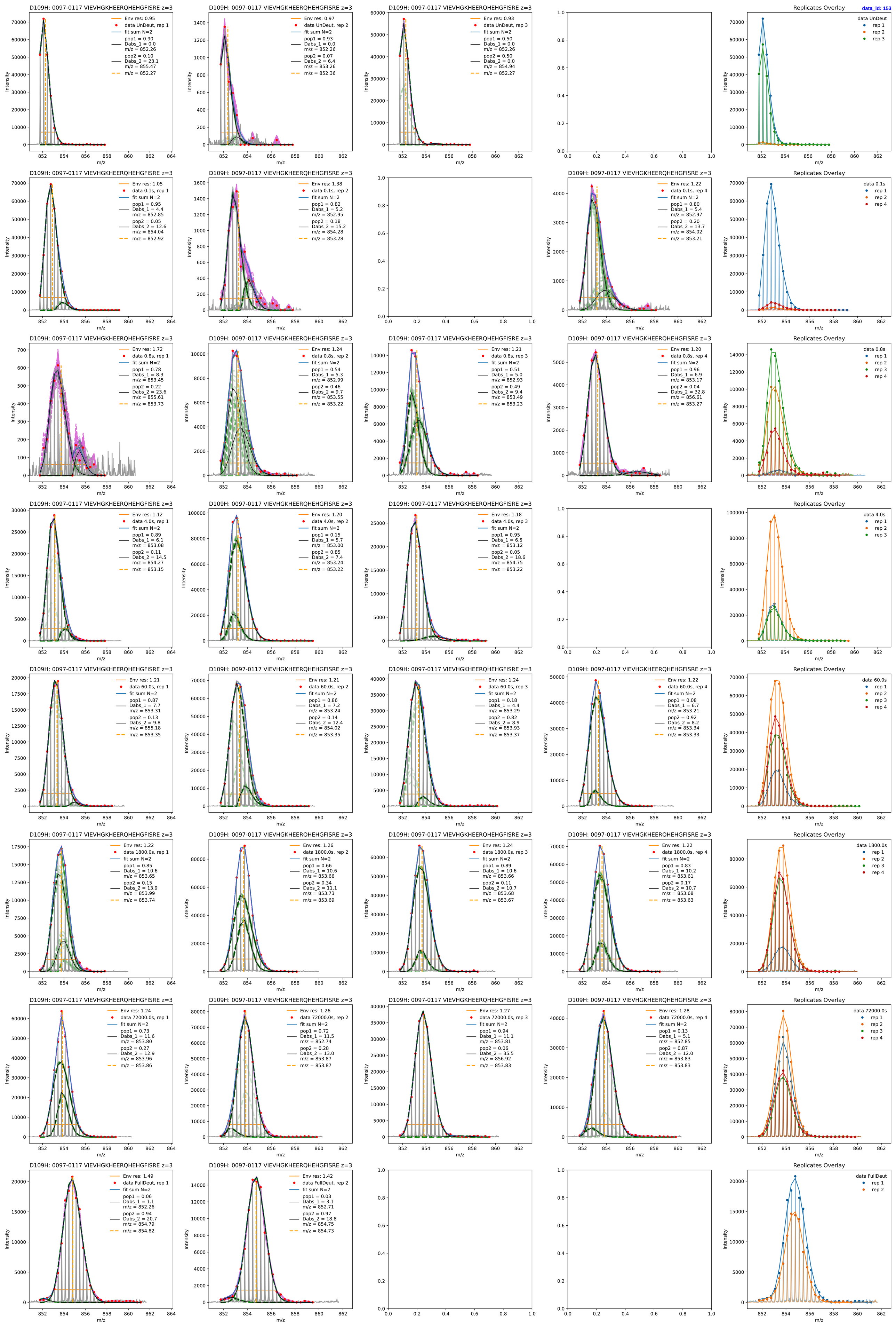

D109H: 0090-0134 KVKVLGDVI...ADVDPLTIT z=5
data_id: 147
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4

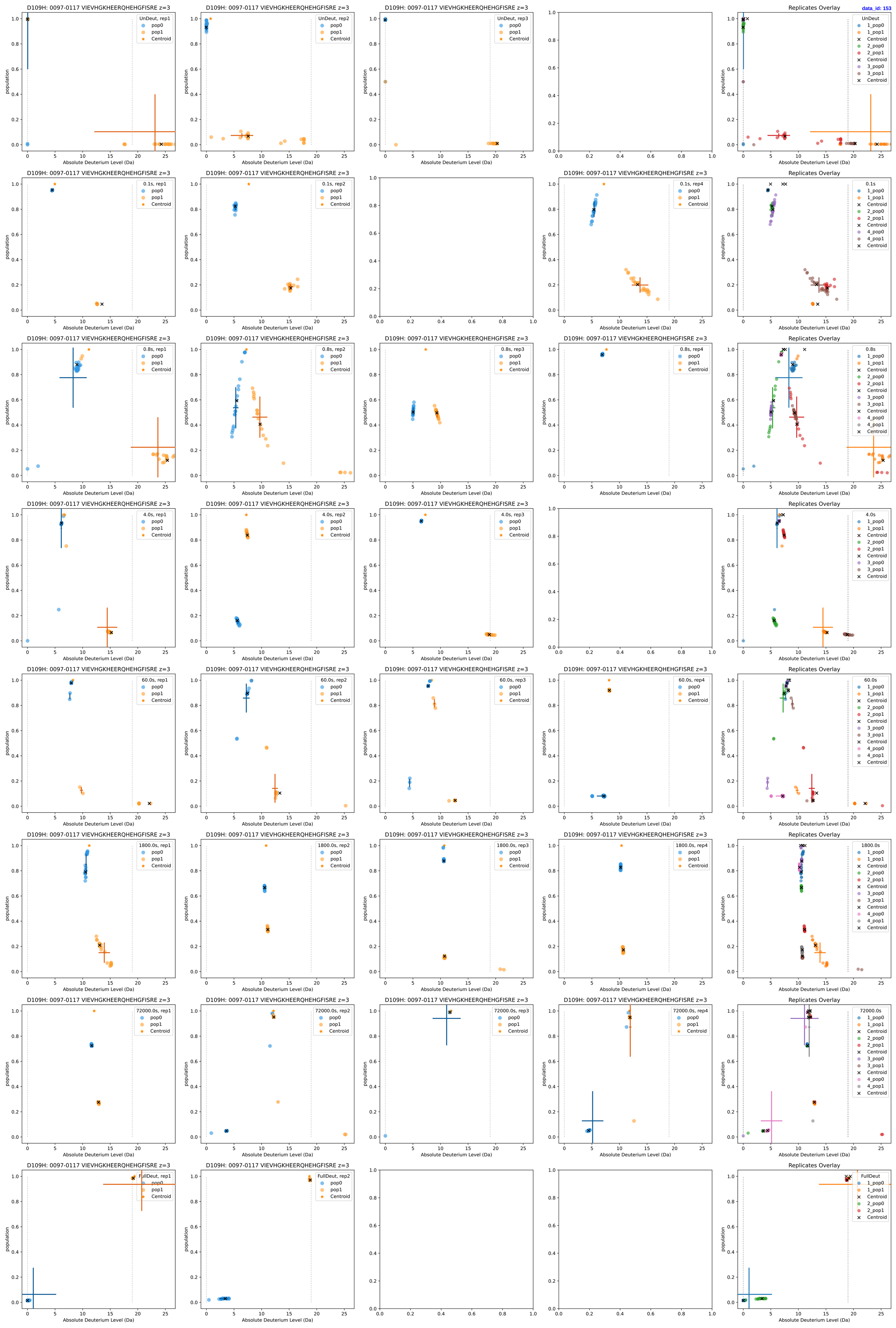

D109H: 0097-0112 VIEVHGKHEERQHEHG z=3
Env res: 1.14
data UnDeut, rep 1
fit sum N=2
pop1 = 0.91
Dabs_1 = 0.0
m/z = 641.35
pop2 = 0.09
Dabs_2 = 9.9
m/z = 642.43
m/z = 641.39
Env res: 0.91
data UnDeut, rep 2
fit sum N=2
pop1 = 0.93
Dabs_1 = 0.0
m/z = 641.35
pop2 = 0.07
Dabs_2 = 3.5
m/z = 641.94
m/z = 641.35
Env res: 0.88
data UnDeut, rep 3
fit sum N=2
pop1 = 0.94
Dabs_1 = 0.0
m/z = 641.35
pop2 = 0.06
Dabs_2 = 9.7
m/z = 643.03
m/z = 641.39
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 0.93
data 0.1s, rep 1
fit sum N=2
pop1 = 0.74
Dabs_1 = 3.5
m/z = 641.83
pop2 = 0.26
Dabs_2 = 4.3
m/z = 641.92
m/z = 641.86
Env res: 0.97
data 0.1s, rep 2
fit sum N=2
pop1 = 0.16
Dabs_1 = 2.5
m/z = 641.93
pop2 = 0.84
Dabs_2 = 4.6
m/z = 643.04
m/z = 641.98
Env res: 1.59
data 0.1s, rep 3
fit sum N=2
pop1 = 0.61
Dabs_1 = 1.2
m/z = 641.57
pop2 = 0.39
Dabs_2 = 8.8
m/z = 642.58
m/z = 641.97
Env res: 0.96
data 0.1s, rep 4
fit sum N=2
pop1 = 0.89
Dabs_1 = 4.5
m/z = 641.96
pop2 = 0.11
Dabs_2 = 12.3
m/z = 643.02
m/z = 642.07
data 0.1s
rep 1
rep 2
rep 3
rep 4
Env res: 1.04
data 0.8s, rep 1
fit sum N=2
pop1 = 0.49
Dabs_1 = 3.6
m/z = 642.13
pop2 = 0.51
Dabs_2 = 7.0
m/z = 643.70
m/z = 642.17
Env res: 1.00
data 0.8s, rep 2
fit sum N=2
pop1 = 0.53
Dabs_1 = 5.0
m/z = 642.05
pop2 = 0.47
Dabs_2 = 5.7
m/z = 643.36
m/z = 642.07
Env res: 0.93
data 0.8s, rep 3
fit sum N=2
pop1 = 0.39
Dabs_1 = 4.5
m/z = 642.00
pop2 = 0.61
Dabs_2 = 5.1
m/z = 642.04
m/z = 642.03
Env res: 0.95
data 0.8s, rep 4
fit sum N=2
pop1 = 0.27
Dabs_1 = 4.8
m/z = 642.06
pop2 = 0.73
Dabs_2 = 4.9
m/z = 642.01
m/z = 642.03
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 0.92
data 4.0s, rep 1
fit sum N=2
pop1 = 0.39
Dabs_1 = 5.2
m/z = 642.05
pop2 = 0.61
Dabs_2 = 5.3
m/z = 642.06
m/z = 642.06
Env res: 0.94
data 4.0s, rep 2
fit sum N=2
pop1 = 0.85
Dabs_1 = 4.6
m/z = 641.96
pop2 = 0.15
Dabs_2 = 10.1
m/z = 642.72
m/z = 642.08
Env res: 0.93
data 4.0s, rep 3
fit sum N=2
pop1 = 0.38
Dabs_1 = 5.0
m/z = 642.01
pop2 = 0.62
Dabs_2 = 5.3
m/z = 643.03
m/z = 642.05
data 4.0s
rep 1
rep 2
rep 3
Env res: 0.92
data 60.0s, rep 1
fit sum N=2
pop1 = 0.88
Dabs_1 = 4.7
m/z = 641.96
pop2 = 0.12
Dabs_2 = 9.8
m/z = 642.60
m/z = 642.07
Env res: 0.95
data 60.0s, rep 2
fit sum N=2
pop1 = 0.82
Dabs_1 = 4.5
m/z = 641.96
pop2 = 0.18
Dabs_2 = 10.2
m/z = 642.71
m/z = 642.09
Env res: 0.94
data 60.0s, rep 3
fit sum N=2
pop1 = 0.76
Dabs_1 = 4.2
m/z = 641.93
pop2 = 0.24
Dabs_2 = 9.4
m/z = 642.65
m/z = 642.08
Env res: 0.95
data 60.0s, rep 4
fit sum N=2
pop1 = 0.93
Dabs_1 = 5.2
m/z = 642.05
pop2 = 0.07
Dabs_2 = 11.1
m/z = 642.92
m/z = 642.11
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 0.97
data 1800.0s, rep 1
fit sum N=2
pop1 = 0.89
Dabs_1 = 5.6
m/z = 642.09
pop2 = 0.11
Dabs_2 = 10.8
m/z = 642.75
m/z = 642.17
Env res: 0.99
data 1800.0s, rep 2
fit sum N=2
pop1 = 0.83
Dabs_1 = 5.6
m/z = 642.11
pop2 = 0.17
Dabs_2 = 11.4
m/z = 643.03
m/z = 642.17
Env res: 0.95
data 1800.0s, rep 3
fit sum N=2
pop1 = 0.73
Dabs_1 = 4.6
m/z = 641.99
pop2 = 0.27
Dabs_2 = 9.6
m/z = 642.79
m/z = 642.14
Env res: 0.94
data 1800.0s, rep 4
fit sum N=2
pop1 = 0.77
Dabs_1 = 4.7
m/z = 642.00
pop2 = 0.23
Dabs_2 = 9.6
m/z = 642.83
m/z = 642.13
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.01
data 72000.0s, rep 1
fit sum N=2
pop1 = 0.80
Dabs_1 = 5.3
m/z = 642.08
pop2 = 0.20
Dabs_2 = 10.5
m/z = 642.95
m/z = 642.23
Env res: 1.04
data 72000.0s, rep 2
fit sum N=2
pop1 = 0.72
Dabs_1 = 5.0
m/z = 642.04
pop2 = 0.28
Dabs_2 = 10.0
m/z = 642.83
m/z = 642.26
Env res: 1.02
data 72000.0s, rep 3
fit sum N=2
pop1 = 0.69
Dabs_1 = 4.7
m/z = 641.99
pop2 = 0.31
Dabs_2 = 9.9
m/z = 642.75
m/z = 642.22
Env res: 1.01
data 72000.0s, rep 4
fit sum N=2
pop1 = 0.69
Dabs_1 = 4.9
m/z = 642.02
pop2 = 0.31
Dabs_2 = 9.8
m/z = 642.80
m/z = 642.23
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.23
data FullDeut, rep 2
fit sum N=2
pop1 = 0.94
Dabs_1 = 13.4
m/z = 643.15
pop2 = 0.06
Dabs_2 = 19.7
m/z = 644.00
m/z = 643.21
data FullDeut
rep 2
Intensity
m/z

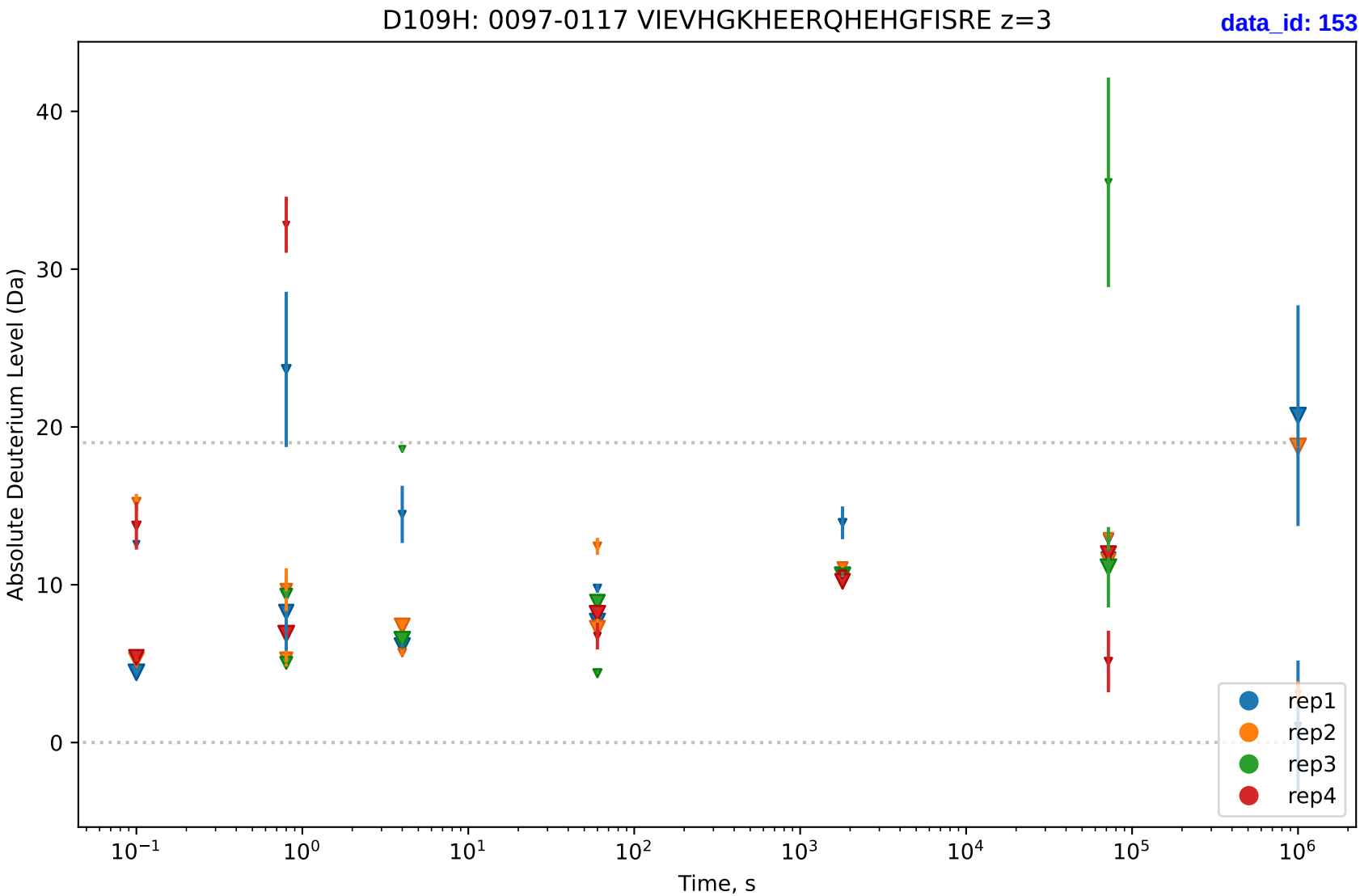

data_id: 150
D109H: 0097-0112 VIEVHGKHEERQHEHG z=3
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
Replicates Overlay
UnDeut
0.1s, rep1
0.1s, rep2
0.1s, rep3
0.1s, rep4
0.1s
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
0.8s
4.0s, rep1
4.0s, rep2
4.0s, rep3
4.0s
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, rep4
60.0s
1800.0s, rep1
1800.0s, rep2
1800.0s, rep3
1800.0s, rep4
1800.0s
72000.0s, rep1
72000.0s, rep2
72000.0s, rep3
72000.0s, rep4
72000.0s
FullDeut, rep2
FullDeut
pop0
pop1
Centroid
1_pop0
1_pop1
2_pop0
2_pop1
3_pop0
3_pop1
4_pop0
4_pop1
population
Absolute Deuterium Level (Da)

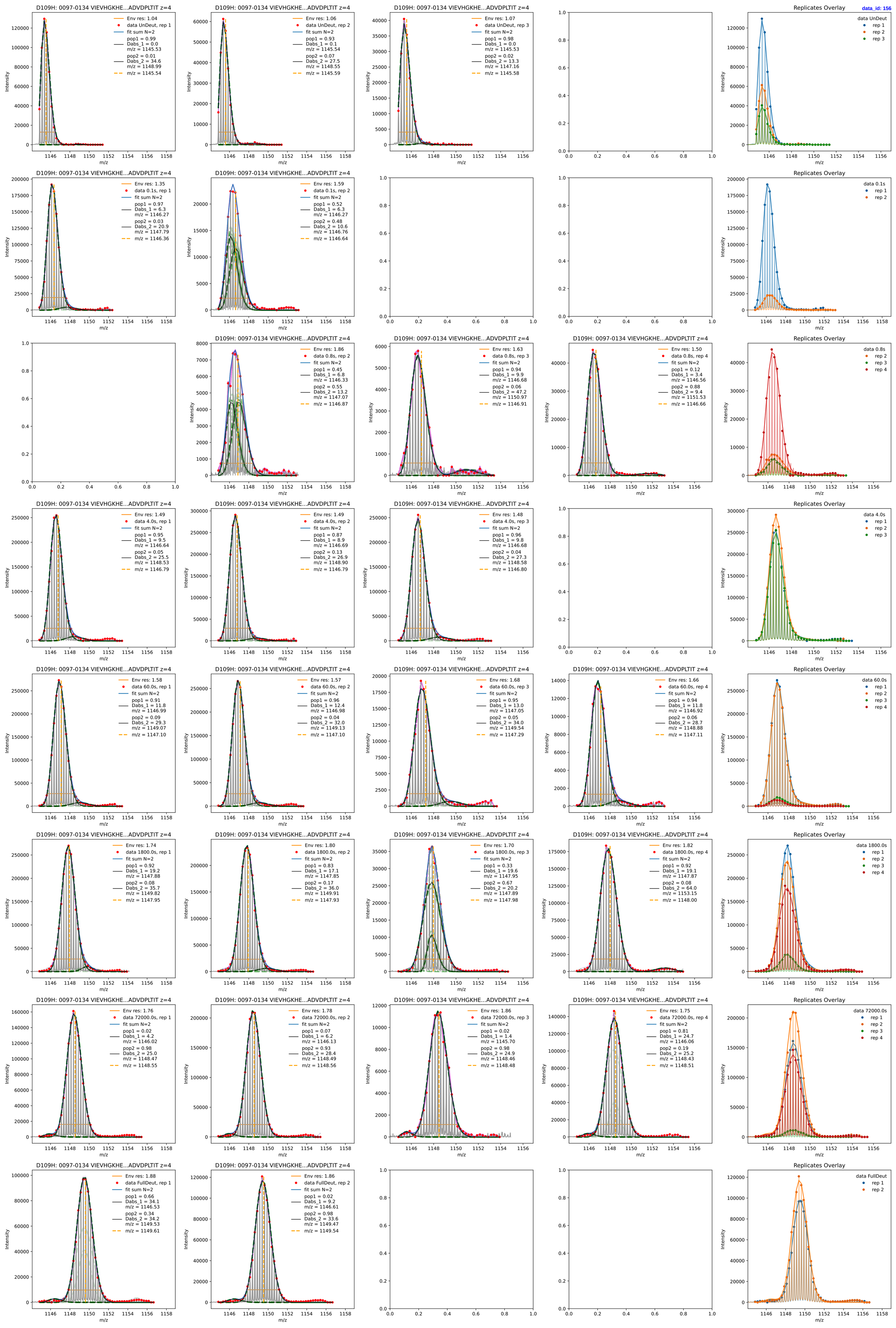

D109H: 0097-0112 VIEVHGKHEERQHEHG z=3
data_id: 150
Absolute Deuterium Level (Da)
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
10^{-1}
10^{0}
10^{1}
10^{2}
10^{3}
10^{4}
10^{5}
10^{6}
Time, s
rep1
rep2
rep3
rep4

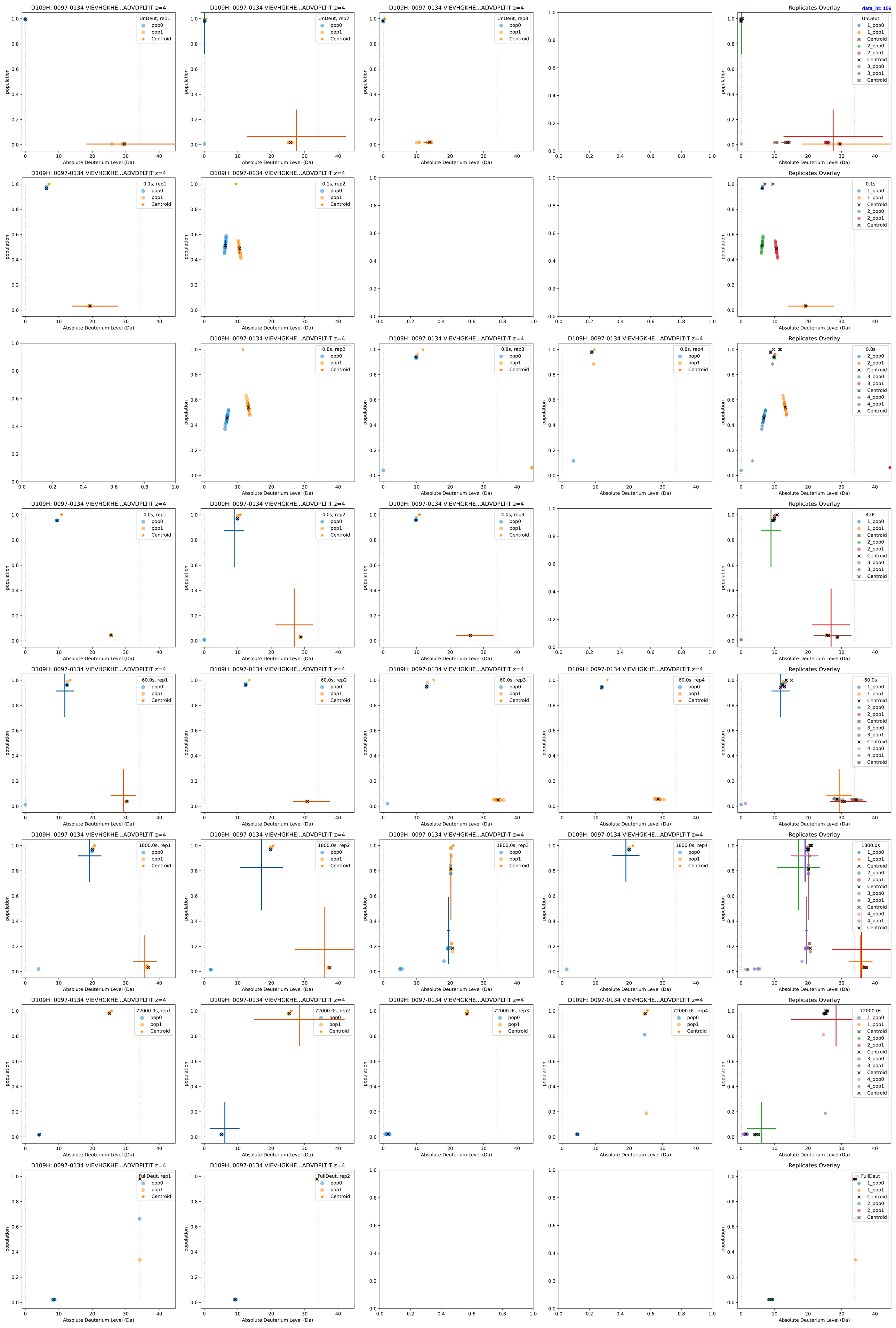
data_id: 153

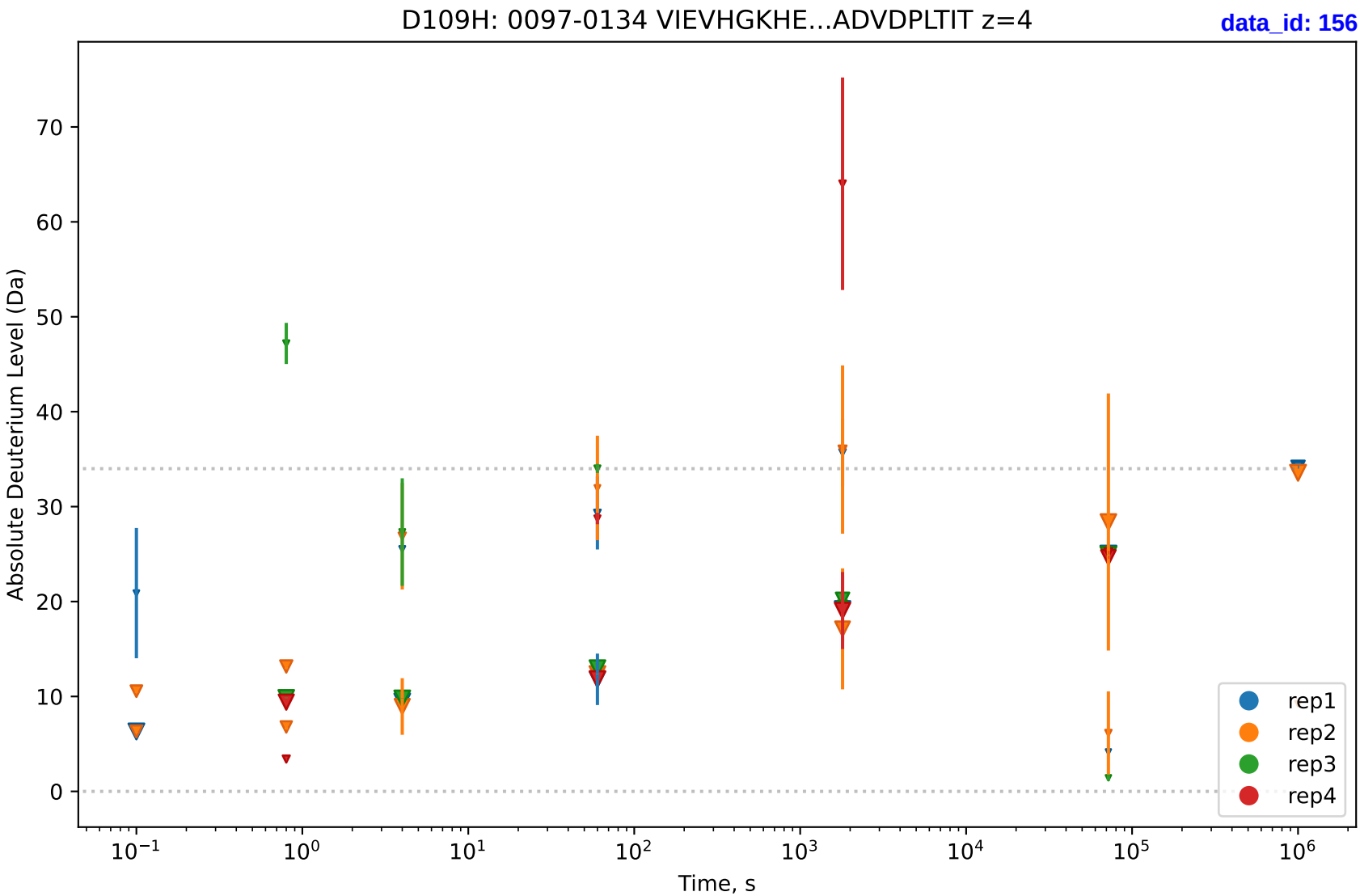

D109H: 0097-0117 VIEVHGKHEERQHEHGFISRE z=3
Env res: 0.95
data UnDeut, rep 1
fit sum N=2
pop1 = 0.90
Dabs_1 = 0.0
m/z = 852.26
pop2 = 0.10
Dabs_2 = 23.1
m/z = 855.47
m/z = 852.27
Env res: 0.97
data UnDeut, rep 2
fit sum N=2
pop1 = 0.93
Dabs_1 = 0.0
m/z = 852.26
pop2 = 0.07
Dabs_2 = 6.4
m/z = 853.26
m/z = 852.36
Env res: 0.93
data UnDeut, rep 3
fit sum N=2
pop1 = 0.50
Dabs_1 = 0.0
m/z = 852.26
pop2 = 0.50
Dabs_2 = 0.0
m/z = 854.94
m/z = 852.27
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 1.05
data 0.1s, rep 1
fit sum N=2
pop1 = 0.95
Dabs_1 = 4.4
m/z = 852.85
pop2 = 0.05
Dabs_2 = 12.6
m/z = 854.04
m/z = 852.92
Env res: 1.38
data 0.1s, rep 2
fit sum N=2
pop1 = 0.82
Dabs_1 = 5.2
m/z = 852.95
pop2 = 0.18
Dabs_2 = 15.2
m/z = 854.28
m/z = 853.28
Env res: 1.22
data 0.1s, rep 4
fit sum N=2
pop1 = 0.80
Dabs_1 = 5.4
m/z = 852.97
pop2 = 0.20
Dabs_2 = 13.7
m/z = 854.02
m/z = 853.21
Replicates Overlay
data 0.1s
rep 1
rep 2
rep 4
Env res: 1.72
data 0.8s, rep 1
fit sum N=2
pop1 = 0.78
Dabs_1 = 8.3
m/z = 853.45
pop2 = 0.22
Dabs_2 = 23.6
m/z = 855.61
m/z = 853.73
Env res: 1.24
data 0.8s, rep 2
fit sum N=2
pop1 = 0.54
Dabs_1 = 5.3
m/z = 852.99
pop2 = 0.46
Dabs_2 = 9.7
m/z = 853.55
m/z = 853.22
Env res: 1.21
data 0.8s, rep 3
fit sum N=2
pop1 = 0.51
Dabs_1 = 5.0
m/z = 852.93
pop2 = 0.49
Dabs_2 = 9.4
m/z = 853.49
m/z = 853.23
Env res: 1.20
data 0.8s, rep 4
fit sum N=2
pop1 = 0.96
Dabs_1 = 6.9
m/z = 853.17
pop2 = 0.04
Dabs_2 = 32.8
m/z = 856.61
m/z = 853.27
Replicates Overlay
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 1.12
data 4.0s, rep 1
fit sum N=2
pop1 = 0.89
Dabs_1 = 6.1
m/z = 853.08
pop2 = 0.11
Dabs_2 = 14.5
m/z = 854.27
m/z = 853.15
Env res: 1.20
data 4.0s, rep 2
fit sum N=2
pop1 = 0.15
Dabs_1 = 5.7
m/z = 853.00
pop2 = 0.85
Dabs_2 = 7.4
m/z = 853.24
m/z = 853.22
Env res: 1.18
data 4.0s, rep 3
fit sum N=2
pop1 = 0.95
Dabs_1 = 6.5
m/z = 853.12
pop2 = 0.05
Dabs_2 = 18.6
m/z = 854.75
m/z = 853.22
Replicates Overlay
data 4.0s
rep 1
rep 2
rep 3
Env res: 1.21
data 60.0s, rep 1
fit sum N=2
pop1 = 0.87
Dabs_1 = 7.7
m/z = 853.31
pop2 = 0.13
Dabs_2 = 9.8
m/z = 855.18
m/z = 853.35
Env res: 1.21
data 60.0s, rep 2
fit sum N=2
pop1 = 0.86
Dabs_1 = 7.2
m/z = 853.24
pop2 = 0.14
Dabs_2 = 12.4
m/z = 854.02
m/z = 853.35
Env res: 1.24
data 60.0s, rep 3
fit sum N=2
pop1 = 0.18
Dabs_1 = 4.4
m/z = 853.29
pop2 = 0.82
Dabs_2 = 8.9
m/z = 853.93
m/z = 853.37
Env res: 1.22
data 60.0s, rep 4
fit sum N=2
pop1 = 0.08
Dabs_1 = 6.7
m/z = 853.21
pop2 = 0.92
Dabs_2 = 8.2
m/z = 853.34
m/z = 853.33
Replicates Overlay
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.22
data 1800.0s, rep 1
fit sum N=2
pop1 = 0.85
Dabs_1 = 10.6
m/z = 853.65
pop2 = 0.15
Dabs_2 = 13.9
m/z = 853.99
m/z = 853.74
Env res: 1.26
data 1800.0s, rep 2
fit sum N=2
pop1 = 0.66
Dabs_1 = 10.6
m/z = 853.66
pop2 = 0.34
Dabs_2 = 11.1
m/z = 853.73
m/z = 853.69
Env res: 1.24
data 1800.0s, rep 3
fit sum N=2
pop1 = 0.89
Dabs_1 = 10.6
m/z = 853.66
pop2 = 0.11
Dabs_2 = 10.7
m/z = 853.68
m/z = 853.67
Env res: 1.22
data 1800.0s, rep 4
fit sum N=2
pop1 = 0.83
Dabs_1 = 10.2
m/z = 853.61
pop2 = 0.17
Dabs_2 = 10.7
m/z = 853.68
m/z = 853.63
Replicates Overlay
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.24
data 72000.0s, rep 1
fit sum N=2
pop1 = 0.73
Dabs_1 = 11.6
m/z = 853.80
pop2 = 0.27
Dabs_2 = 12.9
m/z = 853.96
m/z = 853.86
Env res: 1.26
data 72000.0s, rep 2
fit sum N=2
pop1 = 0.72
Dabs_1 = 11.5
m/z = 852.74
pop2 = 0.28
Dabs_2 = 13.0
m/z = 853.87
m/z = 853.87
Env res: 1.27
data 72000.0s, rep 3
fit sum N=2
pop1 = 0.94
Dabs_1 = 11.1
m/z = 853.81
pop2 = 0.06
Dabs_2 = 35.5
m/z = 856.92
m/z = 853.83
Env res: 1.28
data 72000.0s, rep 4
fit sum N=2
pop1 = 0.13
Dabs_1 = 5.1
m/z = 852.85
pop2 = 0.87
Dabs_2 = 12.0
m/z = 853.83
m/z = 853.83
Replicates Overlay
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.49
data FullDeut, rep 1
fit sum N=2
pop1 = 0.06
Dabs_1 = 1.1
m/z = 852.26
pop2 = 0.94
Dabs_2 = 20.7
m/z = 854.79
m/z = 854.82
Env res: 1.42
data FullDeut, rep 2
fit sum N=2
pop1 = 0.03
Dabs_1 = 3.1
m/z = 852.71
pop2 = 0.97
Dabs_2 = 18.8
m/z = 854.75
m/z = 854.73
Replicates Overlay
data FullDeut
rep 1
rep 2
Intensity
m/z

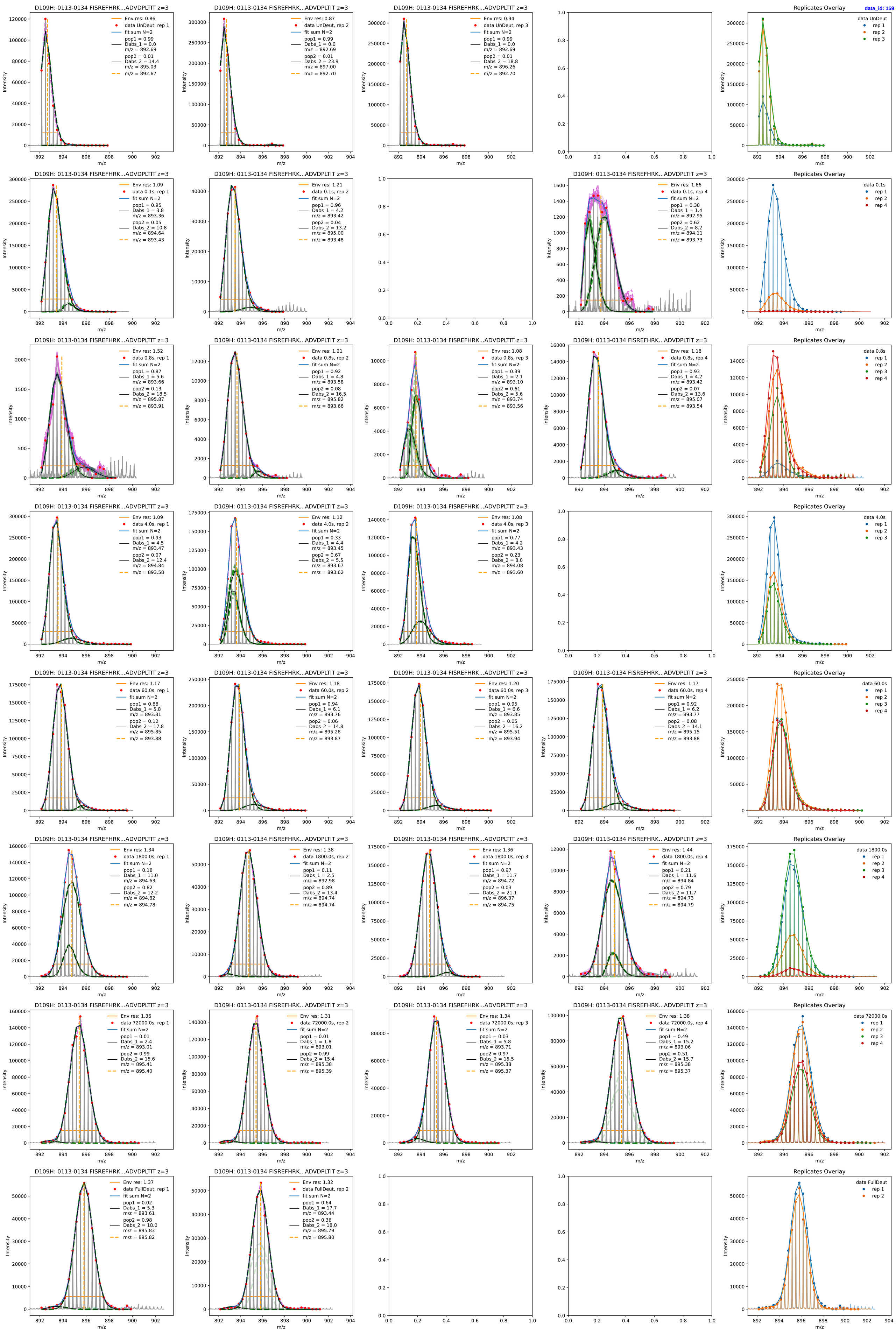

data_id: 153
D109H: 0097-0117 VIEVHGKHEERQHEHGFISRE z=3
Replicates Overlay
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
UnDeut
0.1s, rep1
0.1s, rep2
0.1s, rep4
0.1s
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
0.8s
4.0s, rep1
4.0s, rep2
4.0s, rep3
4.0s
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, rep4
60.0s
1800.0s, rep1
1800.0s, rep2
1800.0s, rep3
1800.0s, rep4
1800.0s
72000.0s, rep1
72000.0s, rep2
72000.0s, rep3
72000.0s, rep4
72000.0s
FullDeut, rep1
FullDeut, rep2
FullDeut
pop0
pop1
Centroid
1_pop0
1_pop1
2_pop0
2_pop1
3_pop0
3_pop1
4_pop0
4_pop1
population
Absolute Deuterium Level (Da)

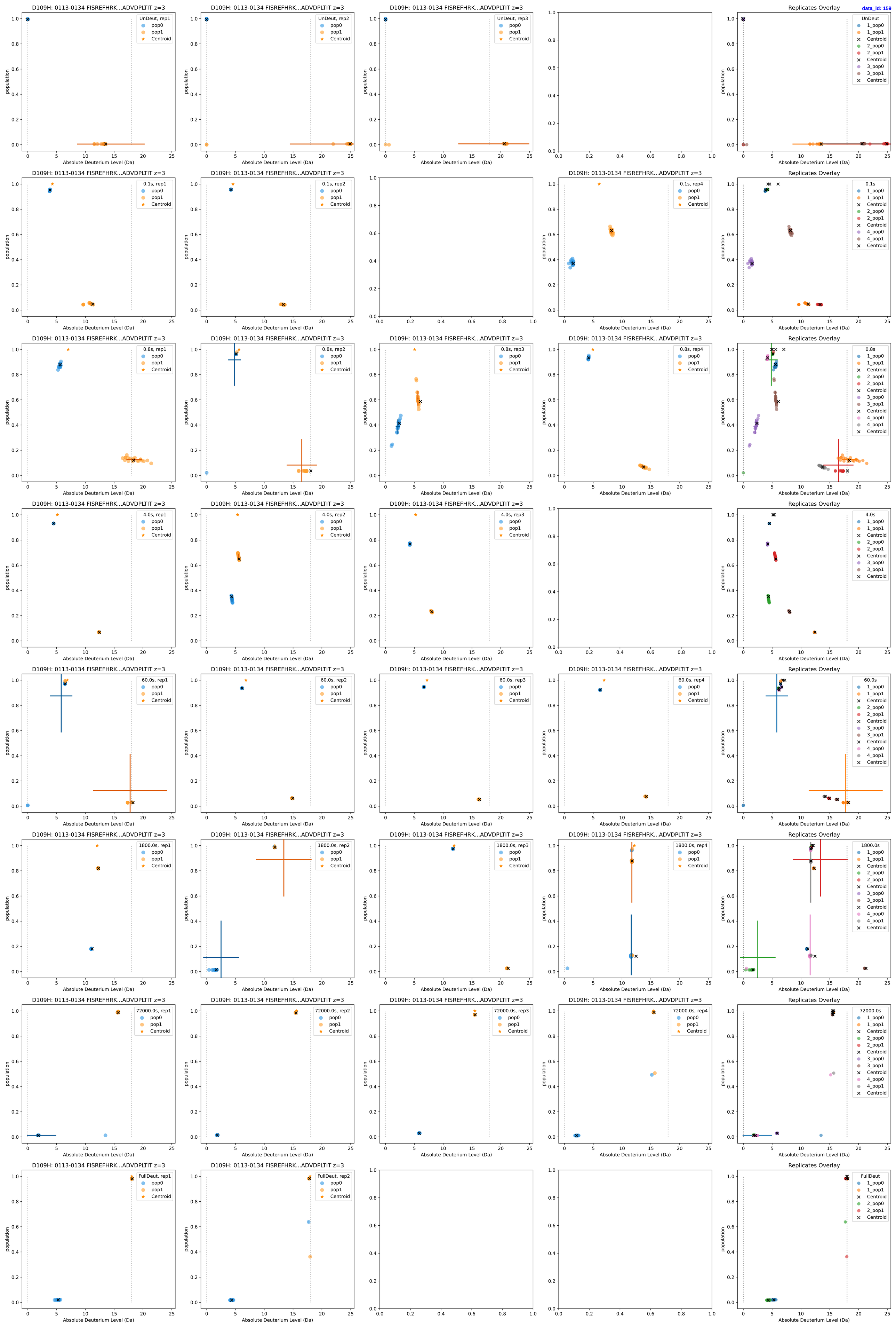

D109H: 0097-0117 VIEVHGKHEERQHEHGFISRE z=3
data_id: 153
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4

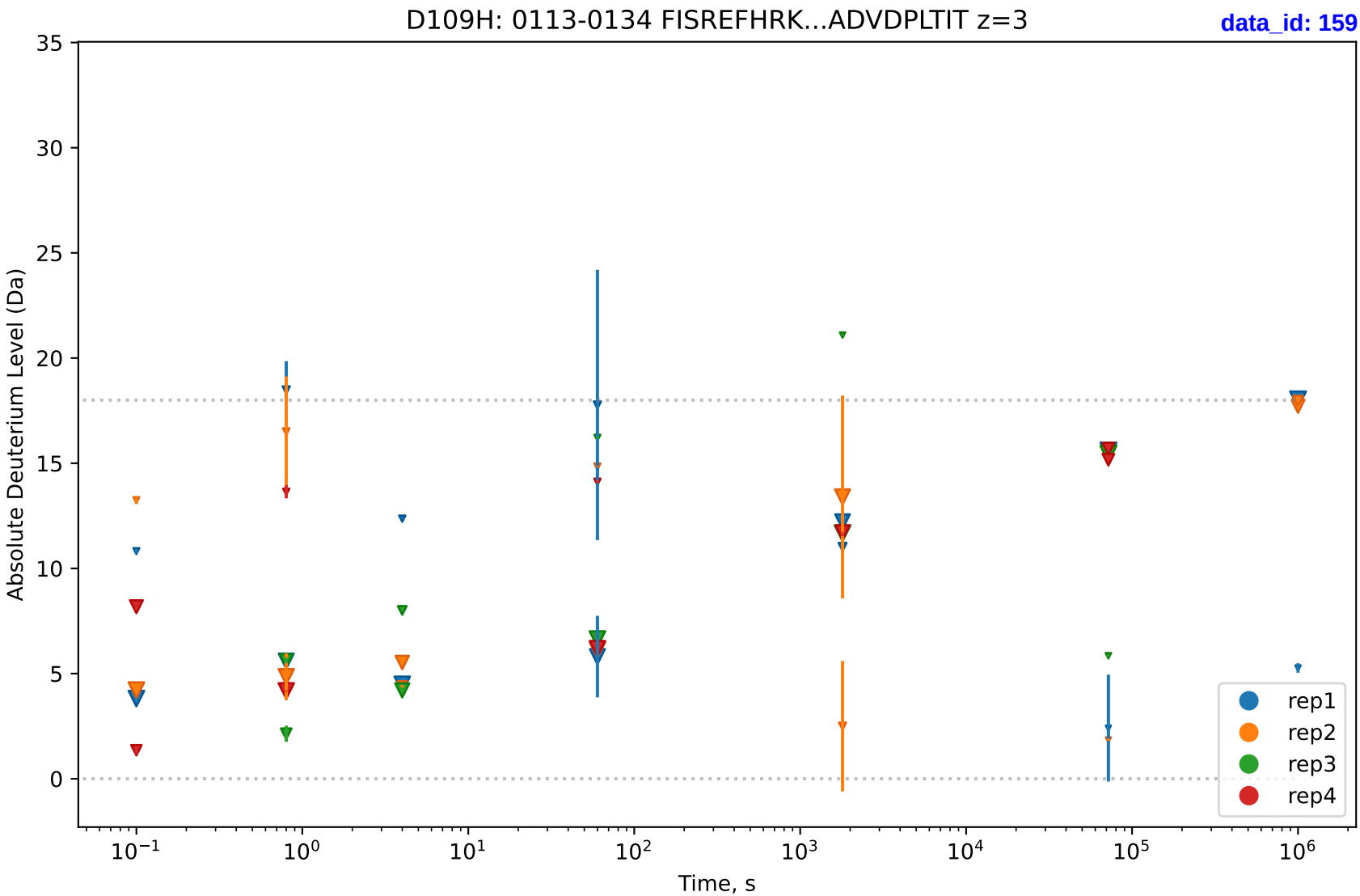

data_id: 156
D109H: 0097-0134 VIEVHGKHE...ADVDPLTIT z=4
Env res: 1.04
data UnDeut, rep 1
fit sum N=2
pop1 = 0.99
Dabs_1 = 0.0
m/z = 1145.53
pop2 = 0.01
Dabs_2 = 34.6
m/z = 1148.99
m/z = 1145.54
Env res: 1.06
data UnDeut, rep 2
pop1 = 0.93
Dabs_1 = 0.1
m/z = 1145.54
pop2 = 0.07
Dabs_2 = 27.5
m/z = 1148.55
m/z = 1145.59
Env res: 1.07
data UnDeut, rep 3
pop1 = 0.98
Dabs_1 = 0.0
m/z = 1145.53
pop2 = 0.02
Dabs_2 = 13.3
m/z = 1147.16
m/z = 1145.58
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 1.35
data 0.1s, rep 1
pop1 = 0.97
Dabs_1 = 6.3
m/z = 1146.27
pop2 = 0.03
Dabs_2 = 20.9
m/z = 1147.79
m/z = 1146.36
Env res: 1.59
data 0.1s, rep 2
pop1 = 0.52
Dabs_1 = 6.3
m/z = 1146.27
pop2 = 0.48
Dabs_2 = 10.6
m/z = 1146.76
m/z = 1146.64
data 0.1s
Env res: 1.86
data 0.8s, rep 2
pop1 = 0.45
Dabs_1 = 6.8
m/z = 1146.33
pop2 = 0.55
Dabs_2 = 13.2
m/z = 1147.07
m/z = 1146.87
Env res: 1.63
data 0.8s, rep 3
pop1 = 0.94
Dabs_1 = 9.9
m/z = 1146.68
pop2 = 0.06
Dabs_2 = 47.2
m/z = 1150.97
m/z = 1146.91
Env res: 1.50
data 0.8s, rep 4
pop1 = 0.12
Dabs_1 = 3.4
m/z = 1146.56
pop2 = 0.88
Dabs_2 = 9.4
m/z = 1151.53
m/z = 1146.66
data 0.8s
rep 2
rep 3
rep 4
Env res: 1.49
data 4.0s, rep 1
pop1 = 0.95
Dabs_1 = 9.5
m/z = 1146.64
pop2 = 0.05
Dabs_2 = 25.5
m/z = 1148.53
m/z = 1146.79
Env res: 1.49
data 4.0s, rep 2
pop1 = 0.87
Dabs_1 = 8.9
m/z = 1146.69
pop2 = 0.13
Dabs_2 = 26.9
m/z = 1148.90
m/z = 1146.79
Env res: 1.48
data 4.0s, rep 3
pop1 = 0.96
Dabs_1 = 9.8
m/z = 1146.68
pop2 = 0.04
Dabs_2 = 27.3
m/z = 1148.58
m/z = 1146.80
data 4.0s
rep 1
rep 2
rep 3
Env res: 1.58
data 60.0s, rep 1
pop1 = 0.91
Dabs_1 = 11.8
m/z = 1146.99
pop2 = 0.09
Dabs_2 = 29.3
m/z = 1149.07
m/z = 1147.10
Env res: 1.57
data 60.0s, rep 2
pop1 = 0.96
Dabs_1 = 12.4
m/z = 1146.98
pop2 = 0.04
Dabs_2 = 32.0
m/z = 1149.13
m/z = 1147.10
Env res: 1.68
data 60.0s, rep 3
pop1 = 0.95
Dabs_1 = 13.0
m/z = 1147.05
pop2 = 0.05
Dabs_2 = 34.0
m/z = 1149.54
m/z = 1147.29
Env res: 1.66
data 60.0s, rep 4
pop1 = 0.94
Dabs_1 = 11.8
m/z = 1146.92
pop2 = 0.06
Dabs_2 = 28.7
m/z = 1148.88
m/z = 1147.11
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.74
data 1800.0s, rep 1
pop1 = 0.92
Dabs_1 = 19.2
m/z = 1147.88
pop2 = 0.08
Dabs_2 = 35.7
m/z = 1149.82
m/z = 1147.95
Env res: 1.80
data 1800.0s, rep 2
pop1 = 0.83
Dabs_1 = 17.1
m/z = 1147.85
pop2 = 0.17
Dabs_2 = 36.0
m/z = 1149.91
m/z = 1147.93
Env res: 1.70
data 1800.0s, rep 3
pop1 = 0.33
Dabs_1 = 19.6
m/z = 1147.95
pop2 = 0.67
Dabs_2 = 20.2
m/z = 1147.89
m/z = 1147.98
Env res: 1.82
data 1800.0s, rep 4
pop1 = 0.92
Dabs_1 = 19.1
m/z = 1147.87
pop2 = 0.08
Dabs_2 = 64.0
m/z = 1153.15
m/z = 1148.00
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.76
data 72000.0s, rep 1
pop1 = 0.02
Dabs_1 = 4.2
m/z = 1146.02
pop2 = 0.98
Dabs_2 = 25.0
m/z = 1148.47
m/z = 1148.55
Env res: 1.78
data 72000.0s, rep 2
pop1 = 0.07
Dabs_1 = 6.2
m/z = 1146.13
pop2 = 0.93
Dabs_2 = 28.4
m/z = 1148.49
m/z = 1148.56
Env res: 1.86
data 72000.0s, rep 3
pop1 = 0.02
Dabs_1 = 1.4
m/z = 1145.70
pop2 = 0.98
Dabs_2 = 24.9
m/z = 1148.46
m/z = 1148.48
Env res: 1.75
data 72000.0s, rep 4
pop1 = 0.81
Dabs_1 = 24.7
m/z = 1146.06
pop2 = 0.19
Dabs_2 = 25.2
m/z = 1148.43
m/z = 1148.51
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.88
data FullDeut, rep 1
pop1 = 0.66
Dabs_1 = 34.1
m/z = 1146.53
pop2 = 0.34
Dabs_2 = 34.2
m/z = 1149.53
m/z = 1149.61
Env res: 1.86
data FullDeut, rep 2
pop1 = 0.02
Dabs_1 = 9.2
m/z = 1146.61
pop2 = 0.98
Dabs_2 = 33.6
m/z = 1149.47
m/z = 1149.54
data FullDeut
rep 1
rep 2
Intensity
m/z

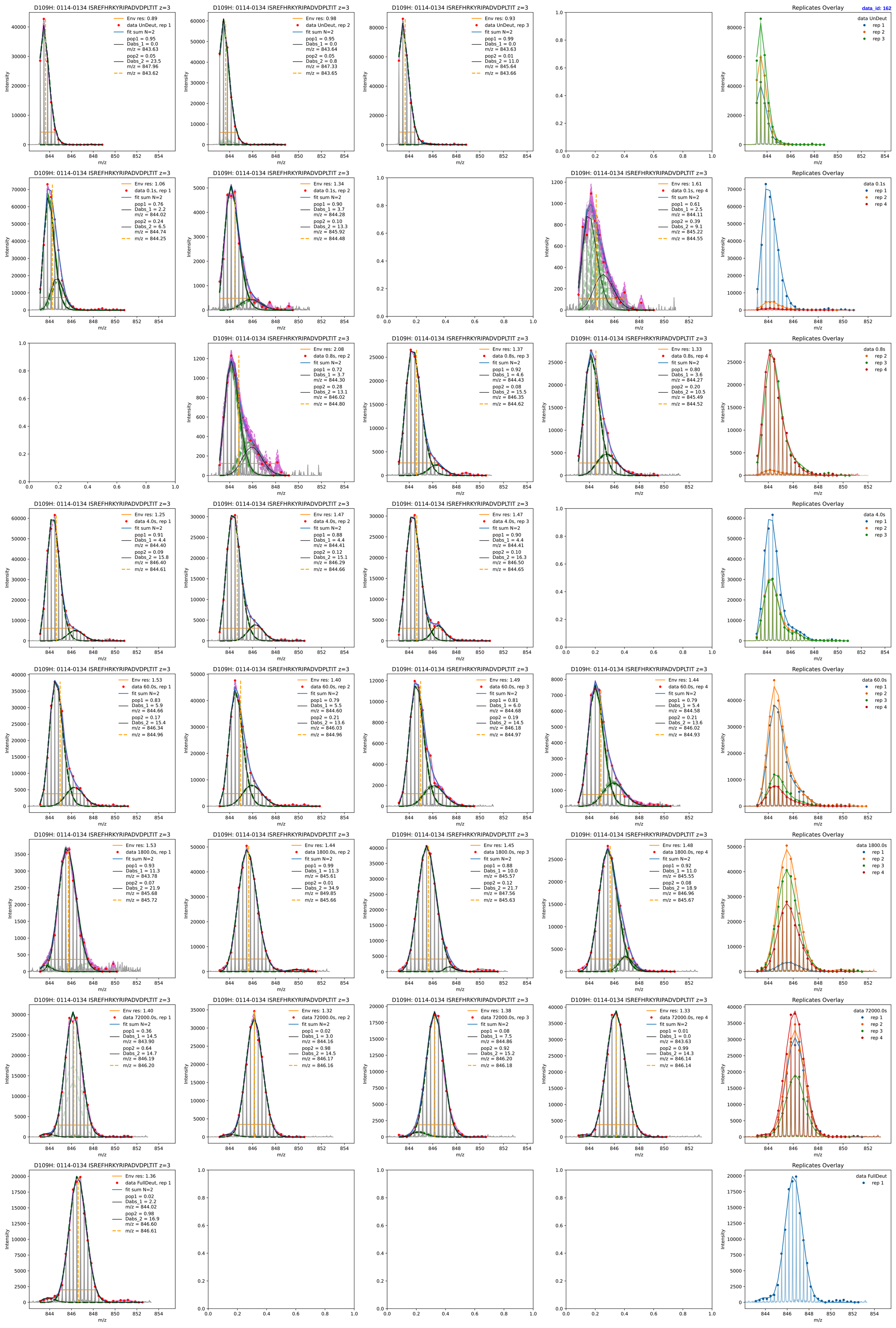

data_id: 156
D109H: 0097-0134 VIEVHGKHE...ADVDPLTIT z=4
Replicates Overlay
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
UnDeut
0.1s, rep1
0.1s, rep2
0.1s
0.8s, rep2
0.8s, rep3
0.8s, rep4
0.8s
4.0s, rep1
4.0s, rep2
4.0s, rep3
4.0s
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, rep4
60.0s
1800.0s, rep1
1800.0s, rep2
1800.0s, rep3
1800.0s, rep4
1800.0s
72000.0s, rep1
72000.0s, rep2
72000.0s, rep3
72000.0s, rep4
72000.0s
FullDeut, rep1
FullDeut, rep2
FullDeut
pop0
pop1
Centroid
population
Absolute Deuterium Level (Da)

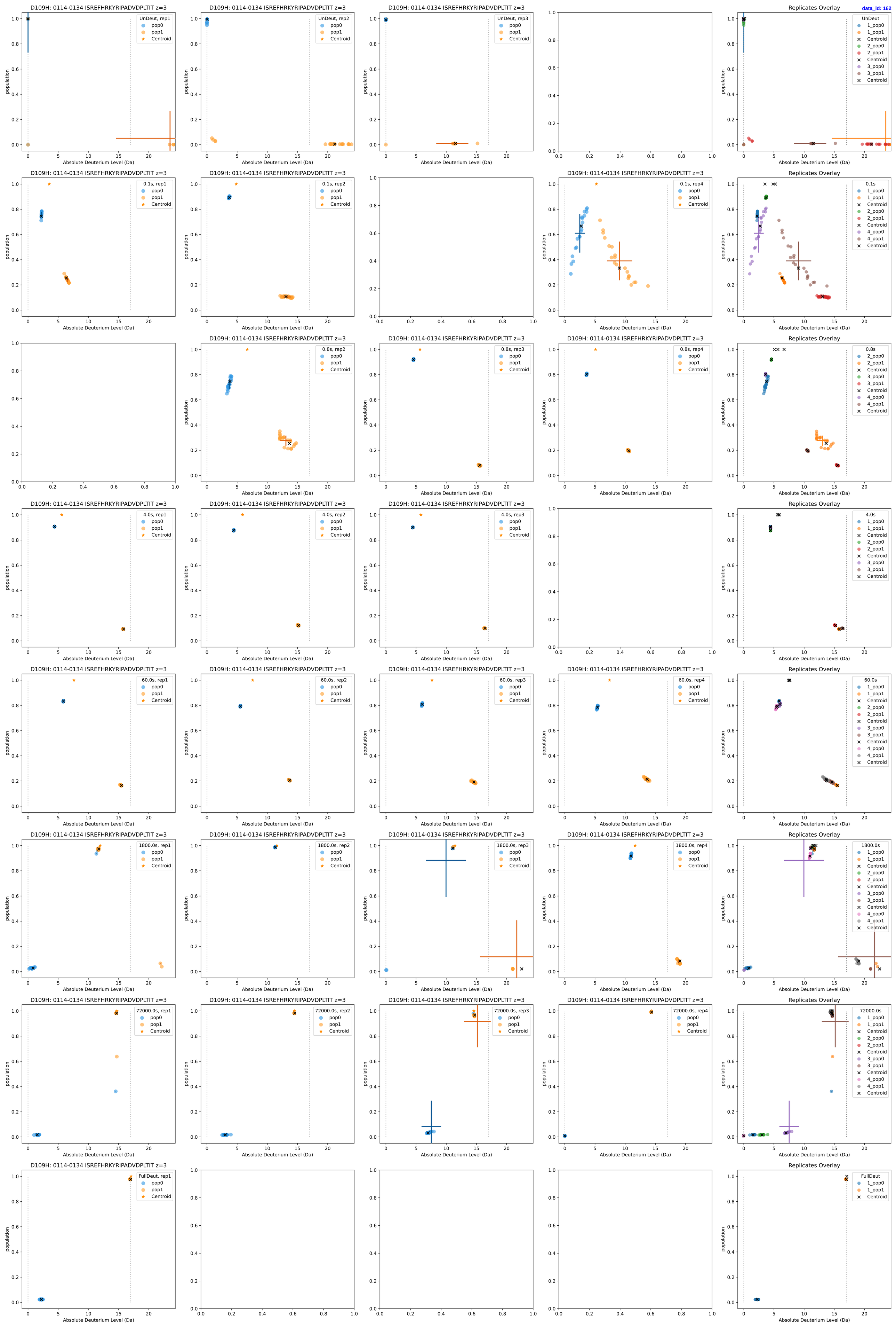

D109H: 0097-0134 VIEVHGKHE...ADVDPLTIT z=4
data_id: 156
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4

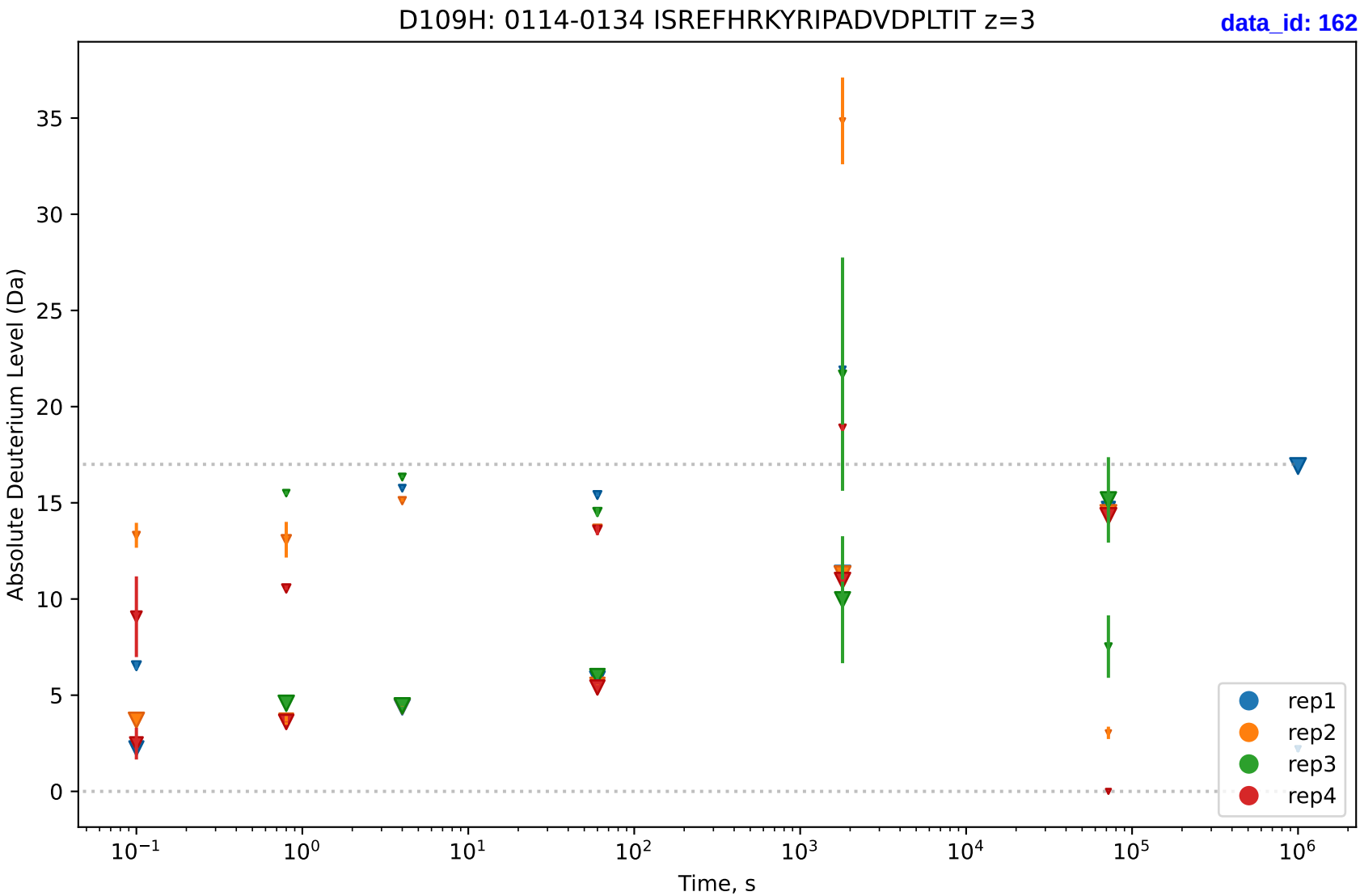

data_id: 159
D109H: 0113-0134 FISREFHRK...ADVDPLTIT z=3
Env res: 0.86
data UnDeut, rep 1
fit sum N=2
pop1 = 0.99
Dabs_1 = 0.0
m/z = 892.69
pop2 = 0.01
Dabs_2 = 14.4
m/z = 895.03
m/z = 892.67
Env res: 0.87
data UnDeut, rep 2
pop1 = 0.99
Dabs_1 = 0.0
m/z = 892.69
pop2 = 0.01
Dabs_2 = 23.9
m/z = 897.00
m/z = 892.70
Env res: 0.94
data UnDeut, rep 3
pop1 = 0.99
Dabs_1 = 0.0
m/z = 892.69
pop2 = 0.01
Dabs_2 = 18.8
m/z = 896.26
m/z = 892.70
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 1.09
data 0.1s, rep 1
pop1 = 0.95
Dabs_1 = 3.8
m/z = 893.36
pop2 = 0.05
Dabs_2 = 10.8
m/z = 894.64
m/z = 893.43
Env res: 1.21
data 0.1s, rep 2
pop1 = 0.96
Dabs_1 = 4.2
m/z = 893.42
pop2 = 0.04
Dabs_2 = 13.2
m/z = 895.00
m/z = 893.48
Env res: 1.66
data 0.1s, rep 4
pop1 = 0.38
Dabs_1 = 1.4
m/z = 892.95
pop2 = 0.62
Dabs_2 = 8.2
m/z = 894.11
m/z = 893.73
data 0.1s
rep 1
rep 2
rep 4
Env res: 1.52
data 0.8s, rep 1
pop1 = 0.87
Dabs_1 = 5.6
m/z = 893.66
pop2 = 0.13
Dabs_2 = 18.5
m/z = 895.87
m/z = 893.91
Env res: 1.21
data 0.8s, rep 2
pop1 = 0.92
Dabs_1 = 4.8
m/z = 893.58
pop2 = 0.08
Dabs_2 = 16.5
m/z = 895.82
m/z = 893.66
Env res: 1.08
data 0.8s, rep 3
pop1 = 0.39
Dabs_1 = 2.1
m/z = 893.10
pop2 = 0.61
Dabs_2 = 5.6
m/z = 893.74
m/z = 893.56
Env res: 1.18
data 0.8s, rep 4
pop1 = 0.93
Dabs_1 = 4.2
m/z = 893.42
pop2 = 0.07
Dabs_2 = 13.6
m/z = 895.07
m/z = 893.54
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 1.09
data 4.0s, rep 1
pop1 = 0.93
Dabs_1 = 4.5
m/z = 893.47
pop2 = 0.07
Dabs_2 = 12.4
m/z = 894.84
m/z = 893.58
Env res: 1.12
data 4.0s, rep 2
pop1 = 0.33
Dabs_1 = 4.4
m/z = 893.45
pop2 = 0.67
Dabs_2 = 5.5
m/z = 893.67
m/z = 893.62
Env res: 1.08
data 4.0s, rep 3
pop1 = 0.77
Dabs_1 = 4.2
m/z = 893.43
pop2 = 0.23
Dabs_2 = 8.0
m/z = 894.08
m/z = 893.60
data 4.0s
rep 1
rep 2
rep 3
Env res: 1.17
data 60.0s, rep 1
pop1 = 0.88
Dabs_1 = 5.8
m/z = 893.81
pop2 = 0.12
Dabs_2 = 17.8
m/z = 895.85
m/z = 893.88
Env res: 1.18
data 60.0s, rep 2
pop1 = 0.94
Dabs_1 = 6.1
m/z = 893.76
pop2 = 0.06
Dabs_2 = 14.8
m/z = 895.28
m/z = 893.87
Env res: 1.20
data 60.0s, rep 3
pop1 = 0.95
Dabs_1 = 6.6
m/z = 893.85
pop2 = 0.05
Dabs_2 = 16.2
m/z = 895.51
m/z = 893.94
Env res: 1.17
data 60.0s, rep 4
pop1 = 0.92
Dabs_1 = 6.2
m/z = 893.77
pop2 = 0.08
Dabs_2 = 14.1
m/z = 895.15
m/z = 893.88
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.34
data 1800.0s, rep 1
pop1 = 0.18
Dabs_1 = 11.0
m/z = 894.63
pop2 = 0.82
Dabs_2 = 12.2
m/z = 894.82
m/z = 894.78
Env res: 1.38
data 1800.0s, rep 2
pop1 = 0.11
Dabs_1 = 2.5
m/z = 892.98
pop2 = 0.89
Dabs_2 = 13.4
m/z = 894.74
m/z = 894.74
Env res: 1.36
data 1800.0s, rep 3
pop1 = 0.97
Dabs_1 = 11.7
m/z = 894.72
pop2 = 0.03
Dabs_2 = 21.1
m/z = 896.37
m/z = 894.75
Env res: 1.44
data 1800.0s, rep 4
pop1 = 0.21
Dabs_1 = 11.6
m/z = 894.84
pop2 = 0.79
Dabs_2 = 11.7
m/z = 894.73
m/z = 894.79
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.36
data 72000.0s, rep 1
pop1 = 0.01
Dabs_1 = 2.4
m/z = 893.01
pop2 = 0.99
Dabs_2 = 15.6
m/z = 895.41
m/z = 895.40
Env res: 1.31
data 72000.0s, rep 2
pop1 = 0.01
Dabs_1 = 1.8
m/z = 893.01
pop2 = 0.99
Dabs_2 = 15.4
m/z = 895.38
m/z = 895.39
Env res: 1.34
data 72000.0s, rep 3
pop1 = 0.03
Dabs_1 = 5.8
m/z = 893.71
pop2 = 0.97
Dabs_2 = 15.5
m/z = 895.38
m/z = 895.37
Env res: 1.38
data 72000.0s, rep 4
pop1 = 0.49
Dabs_1 = 15.2
m/z = 893.06
pop2 = 0.51
Dabs_2 = 15.7
m/z = 895.38
m/z = 895.37
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.37
data FullDeut, rep 1
pop1 = 0.02
Dabs_1 = 5.3
m/z = 893.61
pop2 = 0.98
Dabs_2 = 18.0
m/z = 895.83
m/z = 895.82
Env res: 1.32
data FullDeut, rep 2
pop1 = 0.64
Dabs_1 = 17.7
m/z = 893.44
pop2 = 0.36
Dabs_2 = 18.0
m/z = 895.79
m/z = 895.80
data FullDeut
rep 1
rep 2
Intensity
m/z


data_id: 159
D109H: 0113-0134 FISREFHRK...ADVDPLTIT z=3
Replicates Overlay
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
UnDeut
0.1s, rep1
0.1s, rep2
0.1s, rep4
0.1s
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
0.8s
4.0s, rep1
4.0s, rep2
4.0s, rep3
4.0s
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, rep4
60.0s
1800.0s, rep1
1800.0s, rep2
1800.0s, rep3
1800.0s, rep4
1800.0s
72000.0s, rep1
72000.0s, rep2
72000.0s, rep3
72000.0s, rep4
72000.0s
FullDeut, rep1
FullDeut, rep2
FullDeut
pop0
pop1
Centroid
1_pop0
1_pop1
2_pop0
2_pop1
3_pop0
3_pop1
4_pop0
4_pop1
population
Absolute Deuterium Level (Da)

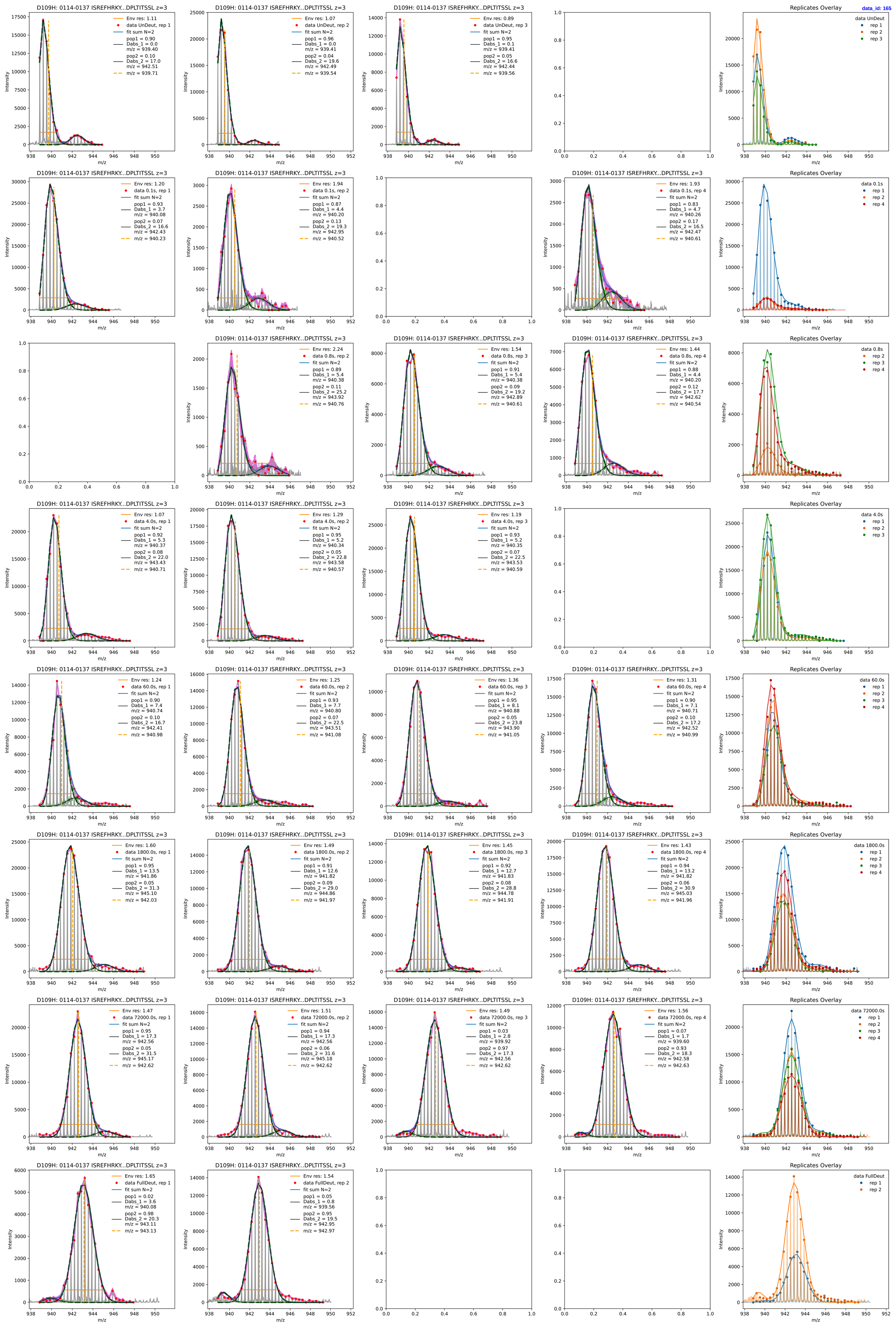

D109H: 0113-0134 FISREFHRK...ADVDPLTIT z=3
data_id: 159
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4

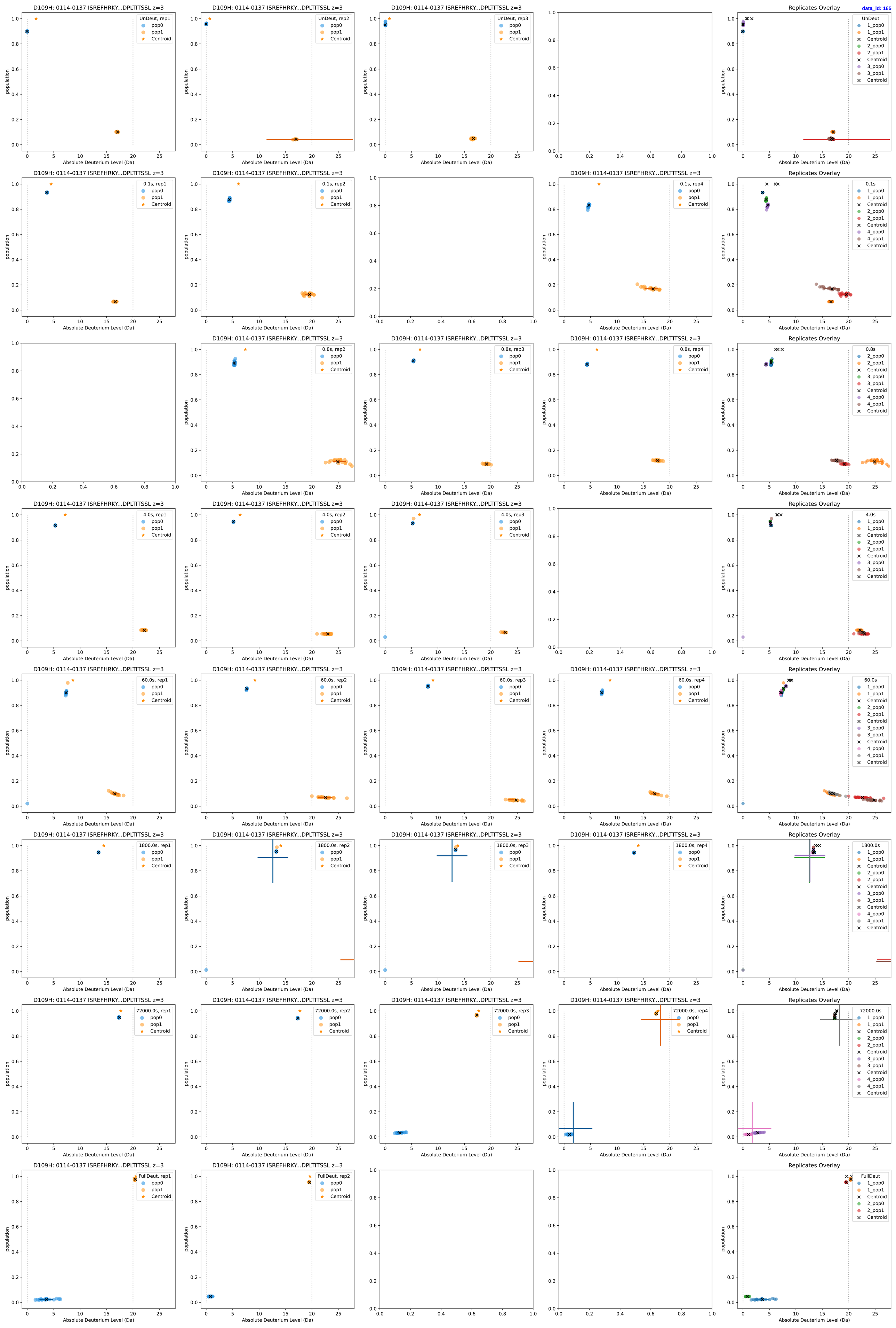

data_id: 162
D109H: 0114-0134 ISREFHRKYRIPADVDPLTIT z=3
Env res: 0.89
data UnDeut, rep 1
fit sum N=2
pop1 = 0.95
Dabs_1 = 0.0
m/z = 843.63
pop2 = 0.05
Dabs_2 = 23.5
m/z = 847.96
m/z = 843.62
Env res: 0.98
data UnDeut, rep 2
pop1 = 0.95
Dabs_1 = 0.0
m/z = 843.64
pop2 = 0.05
Dabs_2 = 0.8
m/z = 847.33
m/z = 843.65
Env res: 0.93
data UnDeut, rep 3
pop1 = 0.99
Dabs_1 = 0.0
m/z = 843.63
pop2 = 0.01
Dabs_2 = 11.0
m/z = 845.64
m/z = 843.66
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 1.06
data 0.1s, rep 1
pop1 = 0.76
Dabs_1 = 2.2
m/z = 844.02
pop2 = 0.24
Dabs_2 = 6.5
m/z = 844.74
m/z = 844.25
Env res: 1.34
data 0.1s, rep 2
pop1 = 0.90
Dabs_1 = 3.7
m/z = 844.28
pop2 = 0.10
Dabs_2 = 13.3
m/z = 845.92
m/z = 844.48
Env res: 1.61
data 0.1s, rep 4
pop1 = 0.61
Dabs_1 = 2.5
m/z = 844.11
pop2 = 0.39
Dabs_2 = 9.1
m/z = 845.22
m/z = 844.55
data 0.1s
rep 1
rep 2
rep 4
Env res: 2.08
data 0.8s, rep 2
pop1 = 0.72
Dabs_1 = 3.7
m/z = 844.30
pop2 = 0.28
Dabs_2 = 13.1
m/z = 846.02
m/z = 844.80
Env res: 1.37
data 0.8s, rep 3
pop1 = 0.92
Dabs_1 = 4.6
m/z = 844.43
pop2 = 0.08
Dabs_2 = 15.5
m/z = 846.35
m/z = 844.62
Env res: 1.33
data 0.8s, rep 4
pop1 = 0.80
Dabs_1 = 3.6
m/z = 844.27
pop2 = 0.20
Dabs_2 = 10.5
m/z = 845.49
m/z = 844.52
data 0.8s
rep 2
rep 3
rep 4
Env res: 1.25
data 4.0s, rep 1
pop1 = 0.91
Dabs_1 = 4.4
m/z = 844.40
pop2 = 0.09
Dabs_2 = 15.8
m/z = 846.40
m/z = 844.61
Env res: 1.47
data 4.0s, rep 2
pop1 = 0.88
Dabs_1 = 4.4
m/z = 844.41
pop2 = 0.12
Dabs_2 = 15.1
m/z = 846.29
m/z = 844.66
Env res: 1.47
data 4.0s, rep 3
pop1 = 0.90
Dabs_1 = 4.4
m/z = 844.41
pop2 = 0.10
Dabs_2 = 16.3
m/z = 846.50
m/z = 844.65
data 4.0s
rep 1
rep 2
rep 3
Env res: 1.53
data 60.0s, rep 1
pop1 = 0.83
Dabs_1 = 5.9
m/z = 844.66
pop2 = 0.17
Dabs_2 = 15.4
m/z = 846.34
m/z = 844.96
Env res: 1.40
data 60.0s, rep 2
pop1 = 0.79
Dabs_1 = 5.5
m/z = 844.60
pop2 = 0.21
Dabs_2 = 13.6
m/z = 846.03
m/z = 844.96
Env res: 1.49
data 60.0s, rep 3
pop1 = 0.81
Dabs_1 = 6.0
m/z = 844.68
pop2 = 0.19
Dabs_2 = 14.5
m/z = 846.18
m/z = 844.97
Env res: 1.44
data 60.0s, rep 4
pop1 = 0.79
Dabs_1 = 5.4
m/z = 844.58
pop2 = 0.21
Dabs_2 = 13.6
m/z = 846.02
m/z = 844.93
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.53
data 1800.0s, rep 1
pop1 = 0.93
Dabs_1 = 11.3
m/z = 843.78
pop2 = 0.07
Dabs_2 = 21.9
m/z = 845.68
m/z = 845.72
Env res: 1.44
data 1800.0s, rep 2
pop1 = 0.99
Dabs_1 = 11.3
m/z = 845.61
pop2 = 0.01
Dabs_2 = 34.9
m/z = 849.85
m/z = 845.66
Env res: 1.45
data 1800.0s, rep 3
pop1 = 0.88
Dabs_1 = 10.0
m/z = 845.57
pop2 = 0.12
Dabs_2 = 21.7
m/z = 847.56
m/z = 845.63
Env res: 1.48
data 1800.0s, rep 4
pop1 = 0.92
Dabs_1 = 11.0
m/z = 845.55
pop2 = 0.08
Dabs_2 = 18.9
m/z = 846.96
m/z = 845.67
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.40
data 72000.0s, rep 1
pop1 = 0.36
Dabs_1 = 14.5
m/z = 843.90
pop2 = 0.64
Dabs_2 = 14.7
m/z = 846.19
m/z = 846.20
Env res: 1.32
data 72000.0s, rep 2
pop1 = 0.02
Dabs_1 = 3.0
m/z = 844.16
pop2 = 0.98
Dabs_2 = 14.5
m/z = 846.17
m/z = 846.16
Env res: 1.38
data 72000.0s, rep 3
pop1 = 0.08
Dabs_1 = 7.5
m/z = 844.86
pop2 = 0.92
Dabs_2 = 15.2
m/z = 846.20
m/z = 846.18
Env res: 1.33
data 72000.0s, rep 4
pop1 = 0.01
Dabs_1 = 0.0
m/z = 843.63
pop2 = 0.99
Dabs_2 = 14.3
m/z = 846.14
m/z = 846.14
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.36
data FullDeut, rep 1
pop1 = 0.02
Dabs_1 = 2.2
m/z = 844.02
pop2 = 0.98
Dabs_2 = 16.9
m/z = 846.60
m/z = 846.61
data FullDeut
rep 1
Intensity
m/z

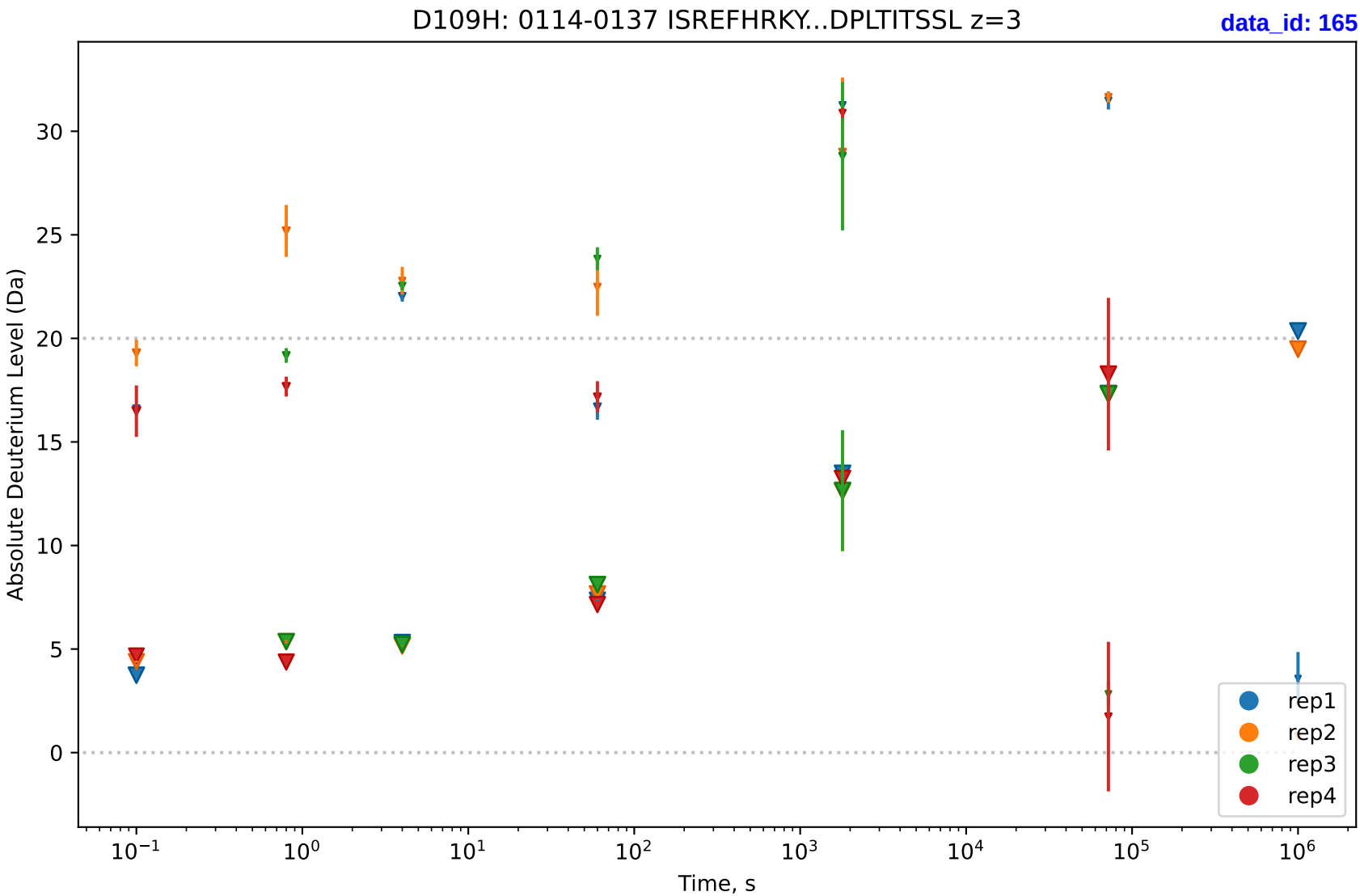

data_id: 162
D109H: 0114-0134 ISREFHRKYRIPADVDPLTIT z=3
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
Replicates Overlay
UnDeut
0.1s, rep1
0.1s, rep2
0.1s, rep4
0.1s
0.8s, rep2
0.8s, rep3
0.8s, rep4
0.8s
4.0s, rep1
4.0s, rep2
4.0s, rep3
4.0s
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, rep4
60.0s
1800.0s, rep1
1800.0s, rep2
1800.0s, rep3
1800.0s, rep4
1800.0s
72000.0s, rep1
72000.0s, rep2
72000.0s, rep3
72000.0s, rep4
72000.0s
FullDeut, rep1
FullDeut
pop0
pop1
Centroid
population
Absolute Deuterium Level (Da)

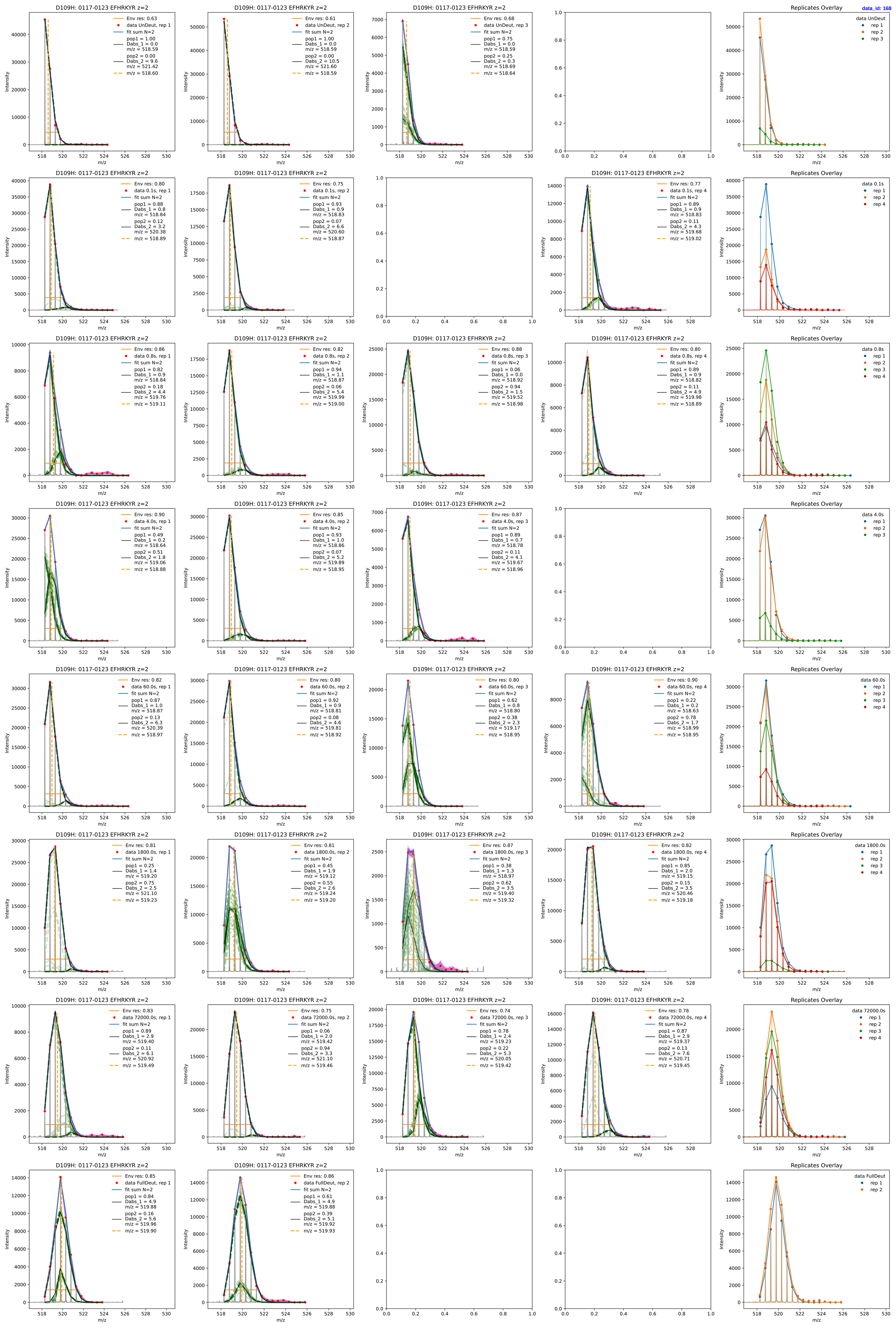

D109H: 0114-0134 ISREFHRKYRIPADVDPLTIT z=3
data_id: 162
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4

data_id: 165

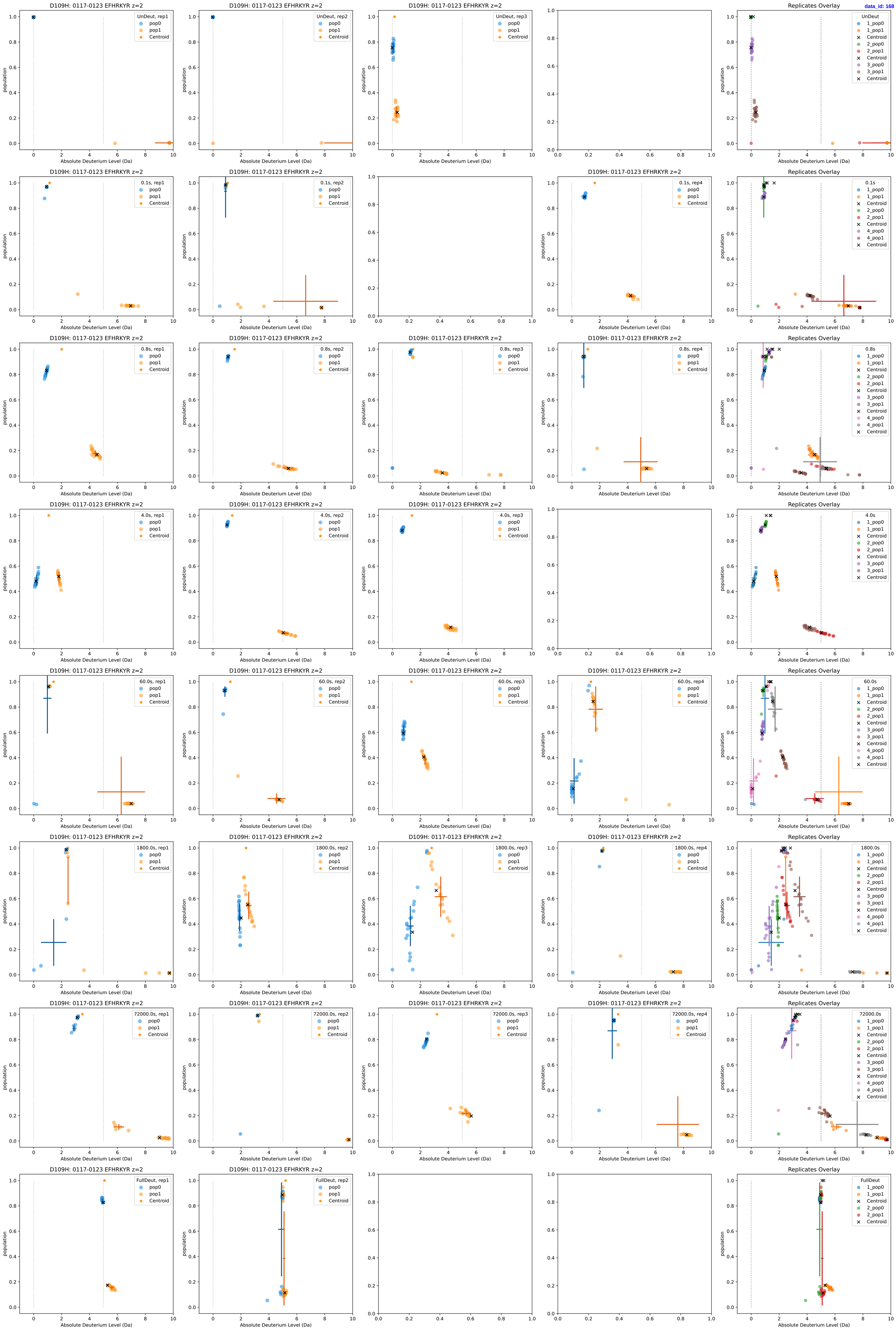

D109H: 0114-0137 ISREFHRKY...DPLTITSSL z=3
Env res: 1.11
data UnDeut, rep 1
fit sum N=2
pop1 = 0.90
Dabs_1 = 0.0
m/z = 939.40
pop2 = 0.10
Dabs_2 = 17.0
m/z = 942.51
m/z = 939.71
Env res: 1.07
data UnDeut, rep 2
pop1 = 0.96
Dabs_1 = 0.0
m/z = 939.41
pop2 = 0.04
Dabs_2 = 19.6
m/z = 942.49
m/z = 939.54
Env res: 0.89
data UnDeut, rep 3
pop1 = 0.95
Dabs_1 = 0.1
m/z = 939.41
pop2 = 0.05
Dabs_2 = 16.6
m/z = 942.44
m/z = 939.56
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 1.20
data 0.1s, rep 1
pop1 = 0.93
Dabs_1 = 3.7
m/z = 940.08
pop2 = 0.07
Dabs_2 = 16.6
m/z = 942.43
m/z = 940.23
Env res: 1.94
data 0.1s, rep 2
pop1 = 0.87
Dabs_1 = 4.4
m/z = 940.20
pop2 = 0.13
Dabs_2 = 19.3
m/z = 942.95
m/z = 940.52
Env res: 1.93
data 0.1s, rep 4
pop1 = 0.83
Dabs_1 = 4.7
m/z = 940.26
pop2 = 0.17
Dabs_2 = 16.5
m/z = 942.47
m/z = 940.61
data 0.1s
rep 1
rep 2
rep 4
Env res: 2.24
data 0.8s, rep 2
pop1 = 0.89
Dabs_1 = 5.4
m/z = 940.38
pop2 = 0.11
Dabs_2 = 25.2
m/z = 943.92
m/z = 940.76
Env res: 1.54
data 0.8s, rep 3
pop1 = 0.91
Dabs_1 = 5.4
m/z = 940.38
pop2 = 0.09
Dabs_2 = 19.2
m/z = 942.89
m/z = 940.61
Env res: 1.44
data 0.8s, rep 4
pop1 = 0.88
Dabs_1 = 4.4
m/z = 940.20
pop2 = 0.12
Dabs_2 = 17.7
m/z = 942.62
m/z = 940.54
data 0.8s
rep 2
rep 3
rep 4
Env res: 1.07
data 4.0s, rep 1
pop1 = 0.92
Dabs_1 = 5.3
m/z = 940.37
pop2 = 0.08
Dabs_2 = 22.0
m/z = 943.43
m/z = 940.71
Env res: 1.29
data 4.0s, rep 2
pop1 = 0.95
Dabs_1 = 5.2
m/z = 940.34
pop2 = 0.05
Dabs_2 = 22.8
m/z = 943.58
m/z = 940.57
Env res: 1.19
data 4.0s, rep 3
pop1 = 0.93
Dabs_1 = 5.2
m/z = 940.35
pop2 = 0.07
Dabs_2 = 22.5
m/z = 943.53
m/z = 940.59
data 4.0s
rep 1
rep 2
rep 3
Env res: 1.24
data 60.0s, rep 1
pop1 = 0.90
Dabs_1 = 7.4
m/z = 940.74
pop2 = 0.10
Dabs_2 = 16.7
m/z = 942.41
m/z = 940.98
Env res: 1.25
data 60.0s, rep 2
pop1 = 0.93
Dabs_1 = 7.7
m/z = 940.80
pop2 = 0.07
Dabs_2 = 22.5
m/z = 943.51
m/z = 941.08
Env res: 1.36
data 60.0s, rep 3
pop1 = 0.95
Dabs_1 = 8.1
m/z = 940.88
pop2 = 0.05
Dabs_2 = 23.8
m/z = 943.90
m/z = 941.05
Env res: 1.31
data 60.0s, rep 4
pop1 = 0.90
Dabs_1 = 7.1
m/z = 940.71
pop2 = 0.10
Dabs_2 = 17.2
m/z = 942.52
m/z = 940.99
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.60
data 1800.0s, rep 1
pop1 = 0.95
Dabs_1 = 13.5
m/z = 941.86
pop2 = 0.05
Dabs_2 = 31.3
m/z = 945.10
m/z = 942.03
Env res: 1.49
data 1800.0s, rep 2
pop1 = 0.91
Dabs_1 = 12.6
m/z = 941.82
pop2 = 0.09
Dabs_2 = 29.0
m/z = 944.86
m/z = 941.97
Env res: 1.45
data 1800.0s, rep 3
pop1 = 0.92
Dabs_1 = 12.7
m/z = 941.83
pop2 = 0.08
Dabs_2 = 28.8
m/z = 944.78
m/z = 941.91
Env res: 1.43
data 1800.0s, rep 4
pop1 = 0.94
Dabs_1 = 13.2
m/z = 941.82
pop2 = 0.06
Dabs_2 = 30.9
m/z = 945.03
m/z = 941.96
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.47
data 72000.0s, rep 1
pop1 = 0.95
Dabs_1 = 17.3
m/z = 942.56
pop2 = 0.05
Dabs_2 = 31.5
m/z = 945.17
m/z = 942.62
Env res: 1.51
data 72000.0s, rep 2
pop1 = 0.94
Dabs_1 = 17.3
m/z = 942.56
pop2 = 0.06
Dabs_2 = 31.6
m/z = 945.18
m/z = 942.62
Env res: 1.49
data 72000.0s, rep 3
pop1 = 0.03
Dabs_1 = 2.8
m/z = 939.92
pop2 = 0.97
Dabs_2 = 17.3
m/z = 942.56
m/z = 942.62
Env res: 1.56
data 72000.0s, rep 4
pop1 = 0.07
Dabs_1 = 1.7
m/z = 939.60
pop2 = 0.93
Dabs_2 = 18.3
m/z = 942.58
m/z = 942.63
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.65
data FullDeut, rep 1
pop1 = 0.02
Dabs_1 = 3.6
m/z = 940.08
pop2 = 0.98
Dabs_2 = 20.3
m/z = 943.11
m/z = 943.13
Env res: 1.54
data FullDeut, rep 2
pop1 = 0.05
Dabs_1 = 0.8
m/z = 939.56
pop2 = 0.95
Dabs_2 = 19.5
m/z = 942.95
m/z = 942.97
data FullDeut
rep 1
rep 2
Intensity
m/z

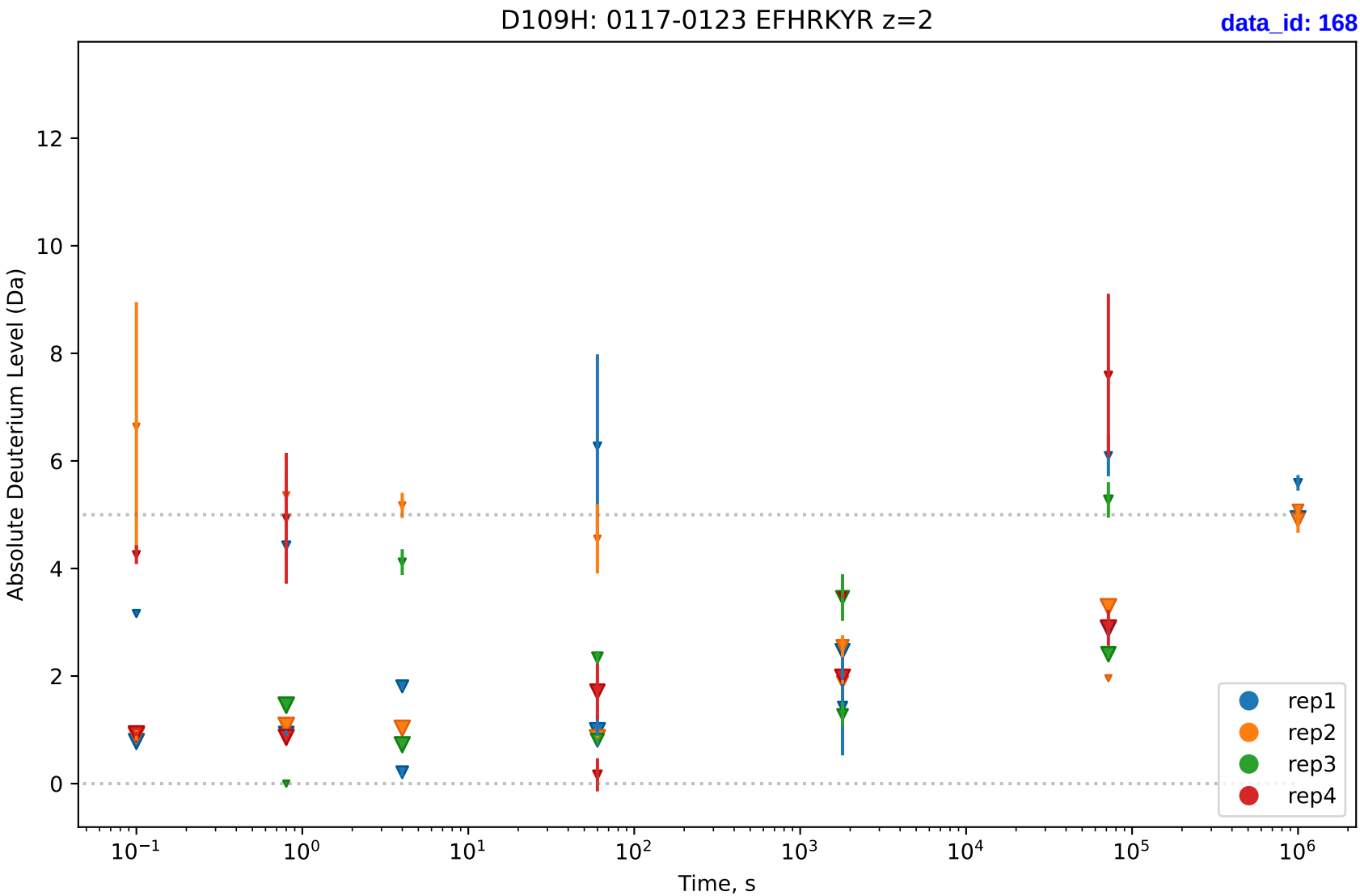

data_id: 165
D109H: 0114-0137 ISREFHRKY...DPLTITSSL z=3
Replicates Overlay
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
UnDeut
0.1s, rep1
0.1s, rep2
0.1s, rep4
0.1s
0.8s, rep2
0.8s, rep3
0.8s, rep4
0.8s
4.0s, rep1
4.0s, rep2
4.0s, rep3
4.0s
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, rep4
60.0s
1800.0s, rep1
1800.0s, rep2
1800.0s, rep3
1800.0s, rep4
1800.0s
72000.0s, rep1
72000.0s, rep2
72000.0s, rep3
72000.0s, rep4
72000.0s
FullDeut, rep1
FullDeut, rep2
FullDeut
pop0
pop1
Centroid
population
Absolute Deuterium Level (Da)

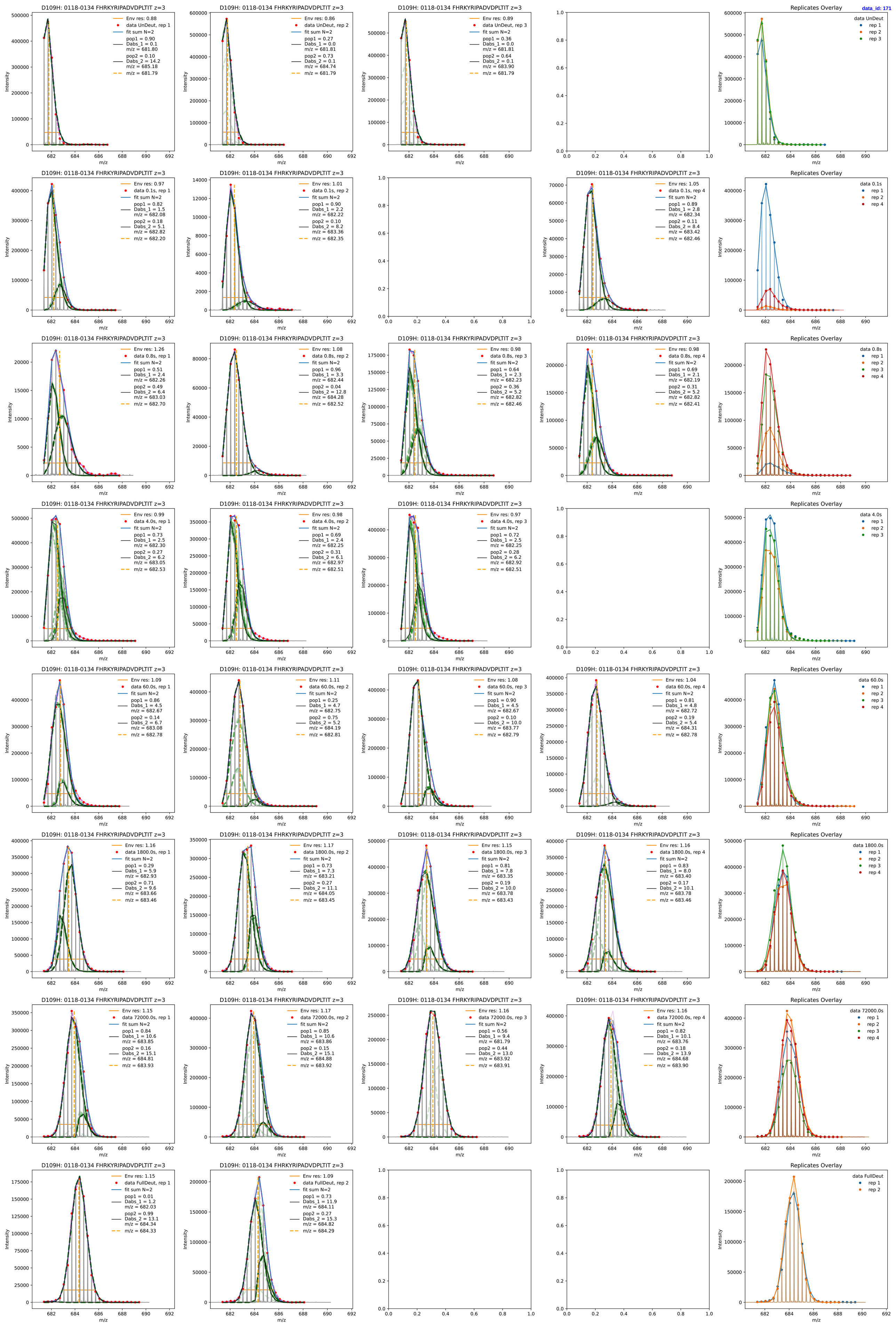

D109H: 0114-0137 ISREFHRKY...DPLTITSSL z=3
data_id: 165
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4

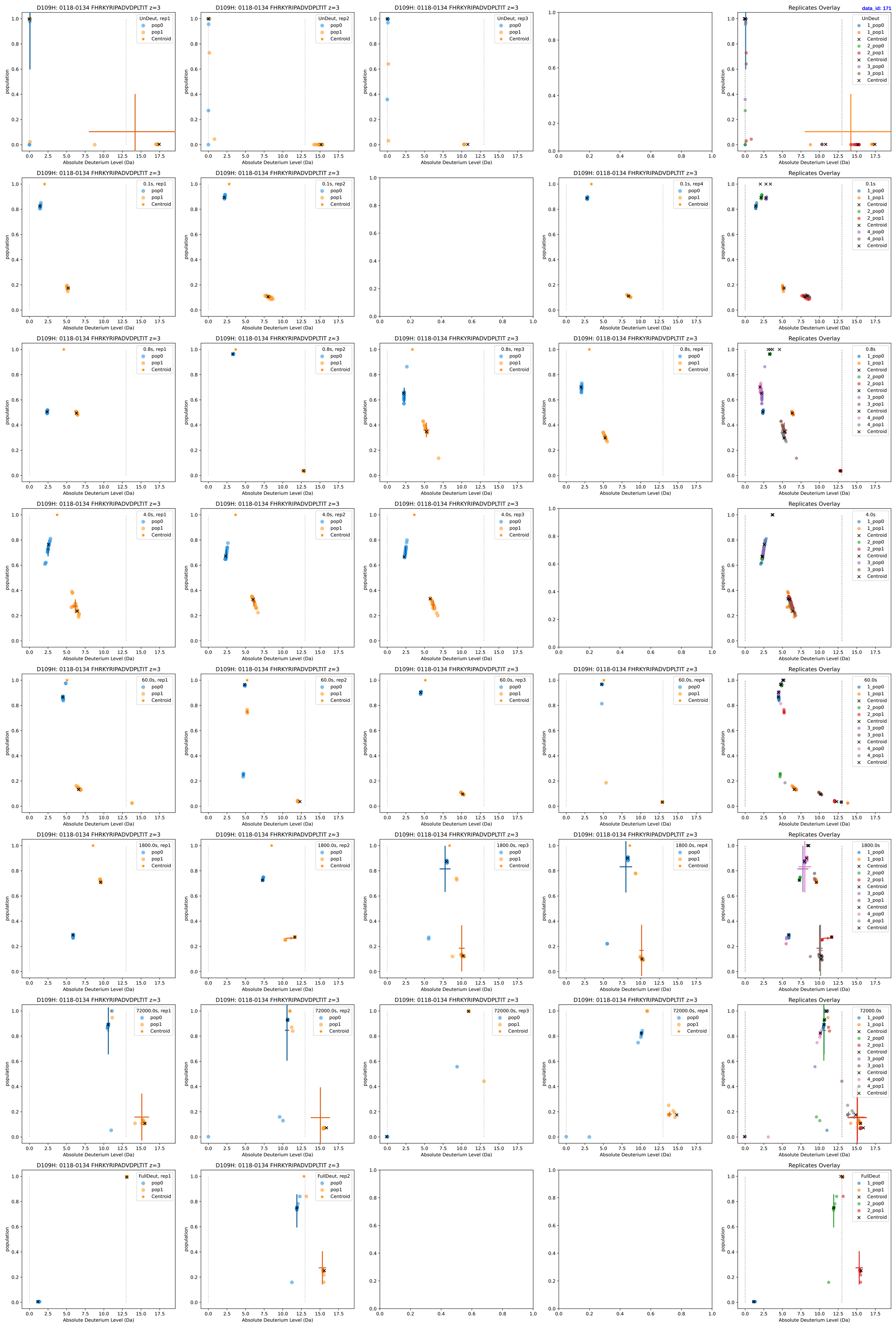

data_id: 168
D109H: 0117-0123 EFHRKYR z=2
Env res: 0.63
data UnDeut, rep 1
fit sum N=2
pop1 = 1.00
Dabs_1 = 0.0
m/z = 518.59
pop2 = 0.00
Dabs_2 = 9.6
m/z = 521.42
m/z = 518.60
Env res: 0.61
data UnDeut, rep 2
fit sum N=2
pop1 = 1.00
Dabs_1 = 0.0
m/z = 518.59
pop2 = 0.00
Dabs_2 = 10.5
m/z = 521.60
m/z = 518.59
Env res: 0.68
data UnDeut, rep 3
fit sum N=2
pop1 = 0.75
Dabs_1 = 0.0
m/z = 518.59
pop2 = 0.25
Dabs_2 = 0.3
m/z = 518.69
m/z = 518.64
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 0.80
data 0.1s, rep 1
fit sum N=2
pop1 = 0.88
Dabs_1 = 0.8
m/z = 518.84
pop2 = 0.12
Dabs_2 = 3.2
m/z = 520.38
m/z = 518.89
Env res: 0.75
data 0.1s, rep 2
fit sum N=2
pop1 = 0.93
Dabs_1 = 0.9
m/z = 518.83
pop2 = 0.07
Dabs_2 = 6.6
m/z = 520.60
m/z = 518.87
Env res: 0.77
data 0.1s, rep 4
fit sum N=2
pop1 = 0.89
Dabs_1 = 0.9
m/z = 518.83
pop2 = 0.11
Dabs_2 = 4.3
m/z = 519.68
m/z = 519.02
data 0.1s
rep 1
rep 2
rep 4
Env res: 0.86
data 0.8s, rep 1
fit sum N=2
pop1 = 0.82
Dabs_1 = 0.9
m/z = 518.84
pop2 = 0.18
Dabs_2 = 4.4
m/z = 519.76
m/z = 519.11
Env res: 0.82
data 0.8s, rep 2
fit sum N=2
pop1 = 0.94
Dabs_1 = 1.1
m/z = 518.87
pop2 = 0.06
Dabs_2 = 5.4
m/z = 519.99
m/z = 519.00
Env res: 0.88
data 0.8s, rep 3
fit sum N=2
pop1 = 0.06
Dabs_1 = 0.0
m/z = 518.92
pop2 = 0.94
Dabs_2 = 1.5
m/z = 519.52
m/z = 518.98
Env res: 0.80
data 0.8s, rep 4
fit sum N=2
pop1 = 0.89
Dabs_1 = 0.9
m/z = 518.82
pop2 = 0.11
Dabs_2 = 4.9
m/z = 519.98
m/z = 518.89
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 0.90
data 4.0s, rep 1
fit sum N=2
pop1 = 0.49
Dabs_1 = 0.2
m/z = 518.64
pop2 = 0.51
Dabs_2 = 1.8
m/z = 519.06
m/z = 518.88
Env res: 0.85
data 4.0s, rep 2
fit sum N=2
pop1 = 0.93
Dabs_1 = 1.0
m/z = 518.86
pop2 = 0.07
Dabs_2 = 5.2
m/z = 519.89
m/z = 518.95
Env res: 0.87
data 4.0s, rep 3
fit sum N=2
pop1 = 0.89
Dabs_1 = 0.7
m/z = 518.78
pop2 = 0.11
Dabs_2 = 4.1
m/z = 519.67
m/z = 518.96
data 4.0s
rep 1
rep 2
rep 3
Env res: 0.82
data 60.0s, rep 1
fit sum N=2
pop1 = 0.87
Dabs_1 = 1.0
m/z = 518.87
pop2 = 0.13
Dabs_2 = 6.3
m/z = 520.39
m/z = 518.97
Env res: 0.80
data 60.0s, rep 2
fit sum N=2
pop1 = 0.92
Dabs_1 = 0.9
m/z = 518.81
pop2 = 0.08
Dabs_2 = 4.6
m/z = 519.81
m/z = 518.92
Env res: 0.80
data 60.0s, rep 3
fit sum N=2
pop1 = 0.62
Dabs_1 = 0.8
m/z = 518.80
pop2 = 0.38
Dabs_2 = 2.3
m/z = 519.17
m/z = 518.95
Env res: 0.90
data 60.0s, rep 4
fit sum N=2
pop1 = 0.22
Dabs_1 = 0.2
m/z = 518.63
pop2 = 0.78
Dabs_2 = 1.7
m/z = 518.99
m/z = 518.95
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 0.81
data 1800.0s, rep 1
fit sum N=2
pop1 = 0.25
Dabs_1 = 1.4
m/z = 519.20
pop2 = 0.75
Dabs_2 = 2.5
m/z = 521.10
m/z = 519.23
Env res: 0.81
data 1800.0s, rep 2
fit sum N=2
pop1 = 0.45
Dabs_1 = 1.9
m/z = 519.12
pop2 = 0.55
Dabs_2 = 2.6
m/z = 519.24
m/z = 519.20
Env res: 0.87
data 1800.0s, rep 3
fit sum N=2
pop1 = 0.38
Dabs_1 = 1.3
m/z = 518.97
pop2 = 0.62
Dabs_2 = 3.5
m/z = 519.40
m/z = 519.32
Env res: 0.82
data 1800.0s, rep 4
fit sum N=2
pop1 = 0.85
Dabs_1 = 2.0
m/z = 519.15
pop2 = 0.15
Dabs_2 = 3.5
m/z = 520.46
m/z = 519.18
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 0.83
data 72000.0s, rep 1
fit sum N=2
pop1 = 0.89
Dabs_1 = 2.9
m/z = 519.40
pop2 = 0.11
Dabs_2 = 6.1
m/z = 520.92
m/z = 519.49
Env res: 0.75
data 72000.0s, rep 2
fit sum N=2
pop1 = 0.06
Dabs_1 = 2.0
m/z = 519.42
pop2 = 0.94
Dabs_2 = 3.3
m/z = 521.10
m/z = 519.46
Env res: 0.74
data 72000.0s, rep 3
fit sum N=2
pop1 = 0.78
Dabs_1 = 2.4
m/z = 519.23
pop2 = 0.22
Dabs_2 = 5.3
m/z = 520.05
m/z = 519.42
Env res: 0.78
data 72000.0s, rep 4
fit sum N=2
pop1 = 0.87
Dabs_1 = 2.9
m/z = 519.37
pop2 = 0.13
Dabs_2 = 7.6
m/z = 520.71
m/z = 519.45
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 0.85
data FullDeut, rep 1
fit sum N=2
pop1 = 0.84
Dabs_1 = 4.9
m/z = 519.88
pop2 = 0.16
Dabs_2 = 5.6
m/z = 519.96
m/z = 519.90
Env res: 0.86
data FullDeut, rep 2
fit sum N=2
pop1 = 0.61
Dabs_1 = 4.9
m/z = 519.88
pop2 = 0.39
Dabs_2 = 5.1
m/z = 519.92
m/z = 519.93
data FullDeut
rep 1
rep 2
Intensity
m/z

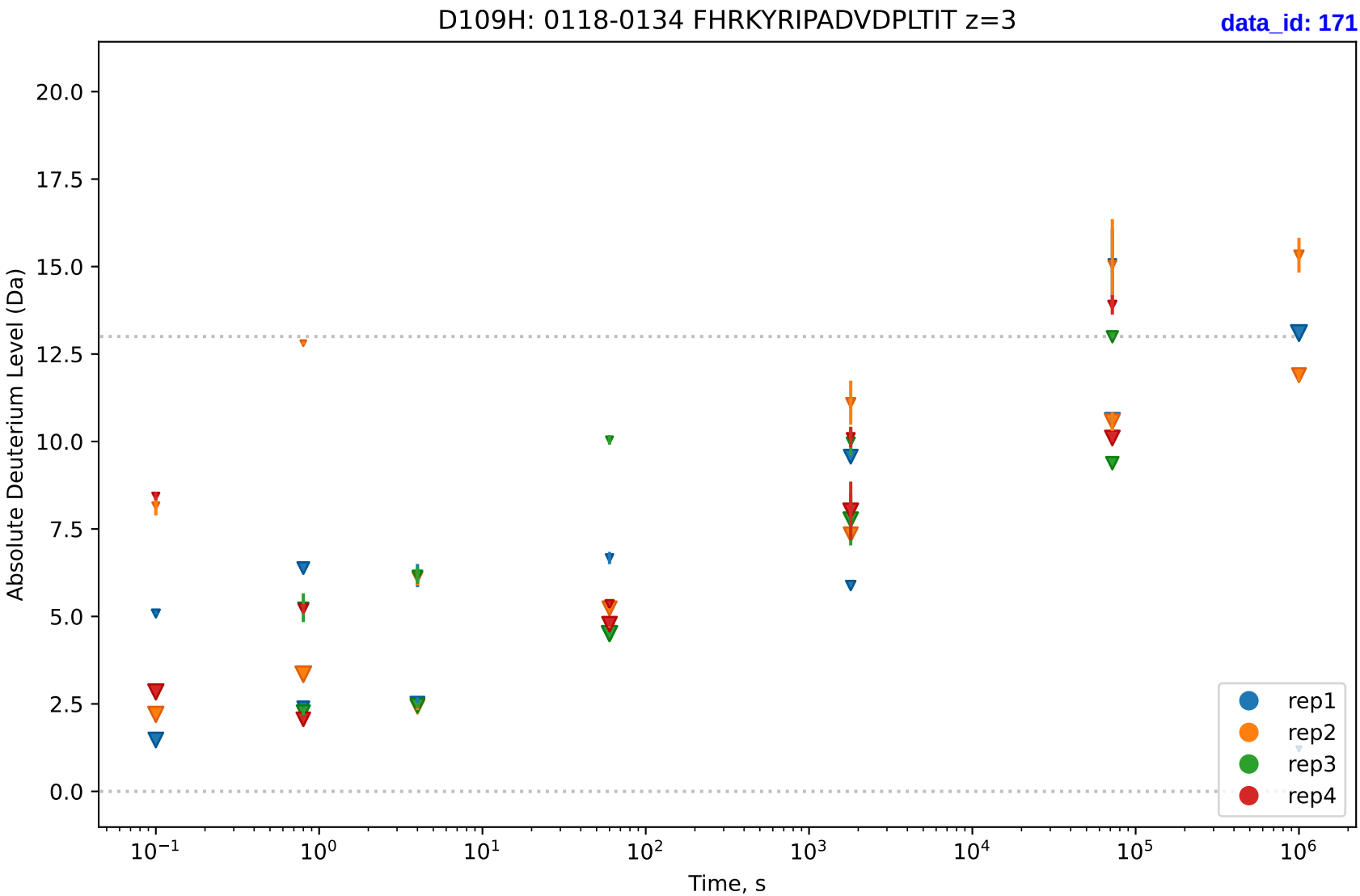
data_id: 168

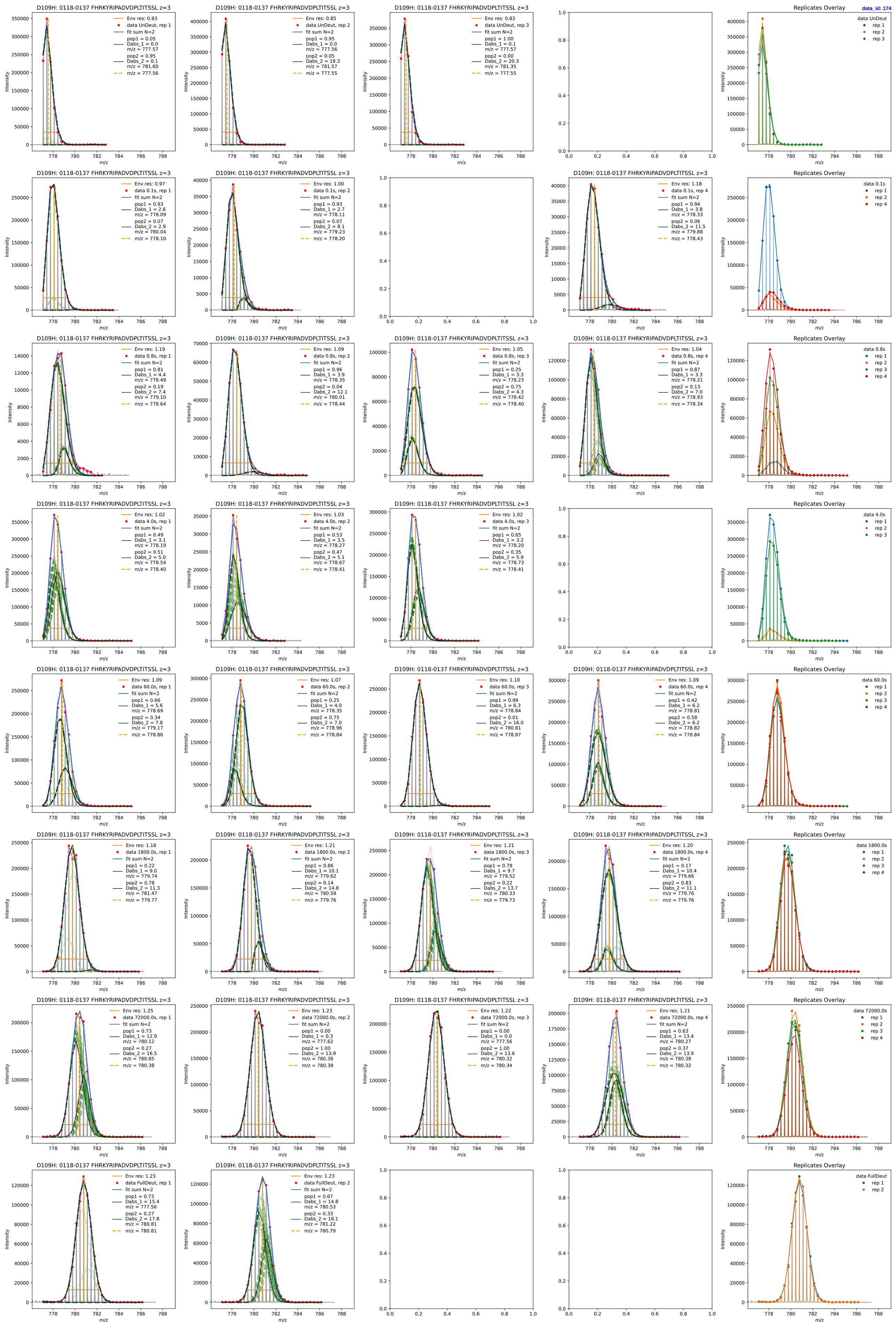

D109H: 0117-0123 EFHRKYR z=2
Replicates Overlay
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
UnDeut
0.1s, rep1
0.1s, rep2
0.1s, rep4
0.1s
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
0.8s
4.0s, rep1
4.0s, rep2
4.0s, rep3
4.0s
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, rep4
60.0s
1800.0s, rep1
1800.0s, rep2
1800.0s, rep3
1800.0s, rep4
1800.0s
72000.0s, rep1
72000.0s, rep2
72000.0s, rep3
72000.0s, rep4
72000.0s
FullDeut, rep1
FullDeut, rep2
FullDeut
pop0
pop1
Centroid
1_pop0
1_pop1
2_pop0
2_pop1
3_pop0
3_pop1
4_pop0
4_pop1
population
Absolute Deuterium Level (Da)


D109H: 0117-0123 EFHRKYR z=2
data_id: 168
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4

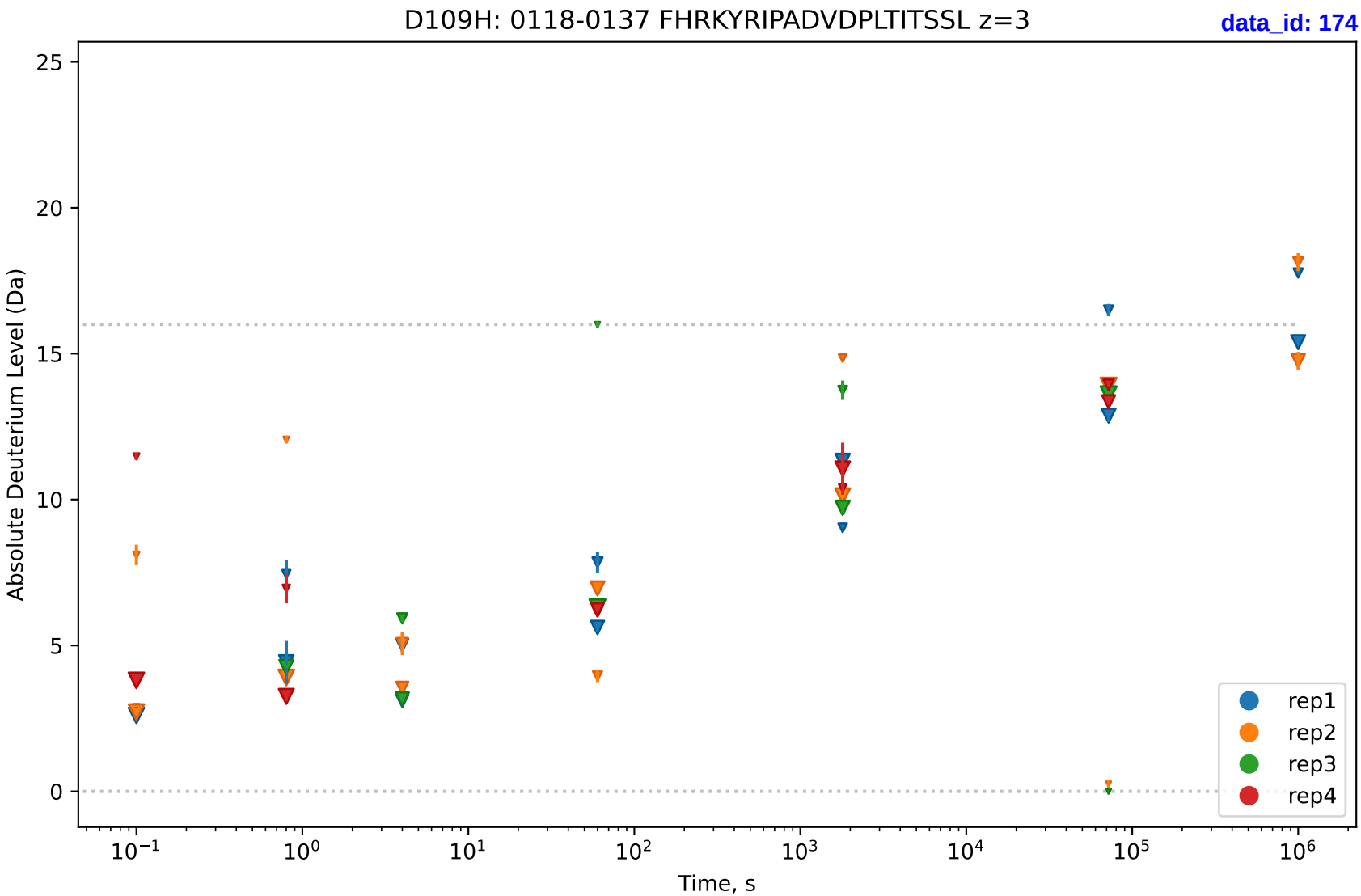

data_id: 171
D109H: 0118-0134 FHRKYRIPADVDPLTIT z=3
Env res: 0.88
data UnDeut, rep 1
fit sum N=2
pop1 = 0.90
Dabs_1 = 0.1
m/z = 681.80
pop2 = 0.10
Dabs_2 = 14.2
m/z = 685.18
m/z = 681.79
Env res: 0.86
data UnDeut, rep 2
pop1 = 0.27
Dabs_1 = 0.0
m/z = 681.81
pop2 = 0.73
Dabs_2 = 0.1
m/z = 684.74
Env res: 0.89
data UnDeut, rep 3
pop1 = 0.36
Dabs_1 = 0.0
m/z = 681.81
pop2 = 0.64
Dabs_2 = 0.1
m/z = 683.90
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 0.97
data 0.1s, rep 1
pop1 = 0.82
Dabs_1 = 1.5
m/z = 682.08
pop2 = 0.18
Dabs_2 = 5.1
m/z = 682.82
m/z = 682.20
Env res: 1.01
data 0.1s, rep 2
pop1 = 0.90
Dabs_1 = 2.2
m/z = 682.22
pop2 = 0.10
Dabs_2 = 8.2
m/z = 683.36
m/z = 682.35
Env res: 1.05
data 0.1s, rep 4
pop1 = 0.89
Dabs_1 = 2.8
m/z = 682.34
pop2 = 0.11
Dabs_2 = 8.4
m/z = 683.42
m/z = 682.46
data 0.1s
rep 1
rep 2
rep 4
Env res: 1.26
data 0.8s, rep 1
pop1 = 0.51
Dabs_1 = 2.4
m/z = 682.26
pop2 = 0.49
Dabs_2 = 6.4
m/z = 683.03
m/z = 682.70
Env res: 1.08
data 0.8s, rep 2
pop1 = 0.96
Dabs_1 = 3.3
m/z = 682.44
pop2 = 0.04
Dabs_2 = 12.8
m/z = 684.28
m/z = 682.52
Env res: 0.98
data 0.8s, rep 3
pop1 = 0.64
Dabs_1 = 2.3
m/z = 682.23
pop2 = 0.36
Dabs_2 = 5.2
m/z = 682.82
m/z = 682.46
Env res: 0.98
data 0.8s, rep 4
pop1 = 0.69
Dabs_1 = 2.1
m/z = 682.19
pop2 = 0.31
Dabs_2 = 5.2
m/z = 682.82
m/z = 682.41
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 0.99
data 4.0s, rep 1
pop1 = 0.73
Dabs_1 = 2.5
m/z = 682.30
pop2 = 0.27
Dabs_2 = 6.2
m/z = 683.05
m/z = 682.53
Env res: 0.98
data 4.0s, rep 2
pop1 = 0.69
Dabs_1 = 2.4
m/z = 682.25
pop2 = 0.31
Dabs_2 = 6.1
m/z = 682.97
m/z = 682.51
Env res: 0.97
data 4.0s, rep 3
pop1 = 0.72
Dabs_1 = 2.5
m/z = 682.25
pop2 = 0.28
Dabs_2 = 6.2
m/z = 682.92
m/z = 682.51
data 4.0s
rep 1
rep 2
rep 3
Env res: 1.09
data 60.0s, rep 1
pop1 = 0.86
Dabs_1 = 4.5
m/z = 682.67
pop2 = 0.14
Dabs_2 = 6.7
m/z = 683.08
m/z = 682.78
Env res: 1.11
data 60.0s, rep 2
pop1 = 0.25
Dabs_1 = 4.7
m/z = 682.75
pop2 = 0.75
Dabs_2 = 5.2
m/z = 684.19
m/z = 682.81
Env res: 1.08
data 60.0s, rep 3
pop1 = 0.90
Dabs_1 = 4.5
m/z = 682.67
pop2 = 0.10
Dabs_2 = 10.0
m/z = 683.77
m/z = 682.79
Env res: 1.04
data 60.0s, rep 4
pop1 = 0.81
Dabs_1 = 4.8
m/z = 682.72
pop2 = 0.19
Dabs_2 = 5.4
m/z = 684.31
m/z = 682.78
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.16
data 1800.0s, rep 1
pop1 = 0.29
Dabs_1 = 5.9
m/z = 682.93
pop2 = 0.71
Dabs_2 = 9.6
m/z = 683.66
m/z = 683.46
Env res: 1.17
data 1800.0s, rep 2
pop1 = 0.73
Dabs_1 = 7.3
m/z = 683.21
pop2 = 0.27
Dabs_2 = 11.1
m/z = 684.05
m/z = 683.45
Env res: 1.15
data 1800.0s, rep 3
pop1 = 0.81
Dabs_1 = 7.8
m/z = 683.35
pop2 = 0.19
Dabs_2 = 10.0
m/z = 683.78
m/z = 683.43
Env res: 1.16
data 1800.0s, rep 4
pop1 = 0.83
Dabs_1 = 8.0
m/z = 683.40
pop2 = 0.17
Dabs_2 = 10.1
m/z = 683.78
m/z = 683.46
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.15
data 72000.0s, rep 1
pop1 = 0.84
Dabs_1 = 10.6
m/z = 683.85
pop2 = 0.16
Dabs_2 = 15.1
m/z = 684.81
m/z = 683.93
Env res: 1.17
data 72000.0s, rep 2
pop1 = 0.85
Dabs_1 = 10.6
m/z = 683.86
pop2 = 0.15
Dabs_2 = 15.1
m/z = 684.88
m/z = 683.92
Env res: 1.16
data 72000.0s, rep 3
pop1 = 0.56
Dabs_1 = 9.4
m/z = 681.79
pop2 = 0.44
Dabs_2 = 13.0
m/z = 683.92
m/z = 683.91
Env res: 1.16
data 72000.0s, rep 4
pop1 = 0.82
Dabs_1 = 10.1
m/z = 683.76
pop2 = 0.18
Dabs_2 = 13.9
m/z = 684.68
m/z = 683.90
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.15
data FullDeut, rep 1
pop1 = 0.01
Dabs_1 = 1.2
m/z = 682.03
pop2 = 0.99
Dabs_2 = 13.1
m/z = 684.34
m/z = 684.33
Env res: 1.09
data FullDeut, rep 2
pop1 = 0.73
Dabs_1 = 11.9
m/z = 684.11
pop2 = 0.27
Dabs_2 = 15.3
m/z = 684.82
m/z = 684.29
data FullDeut
rep 1
rep 2
Intensity
m/z

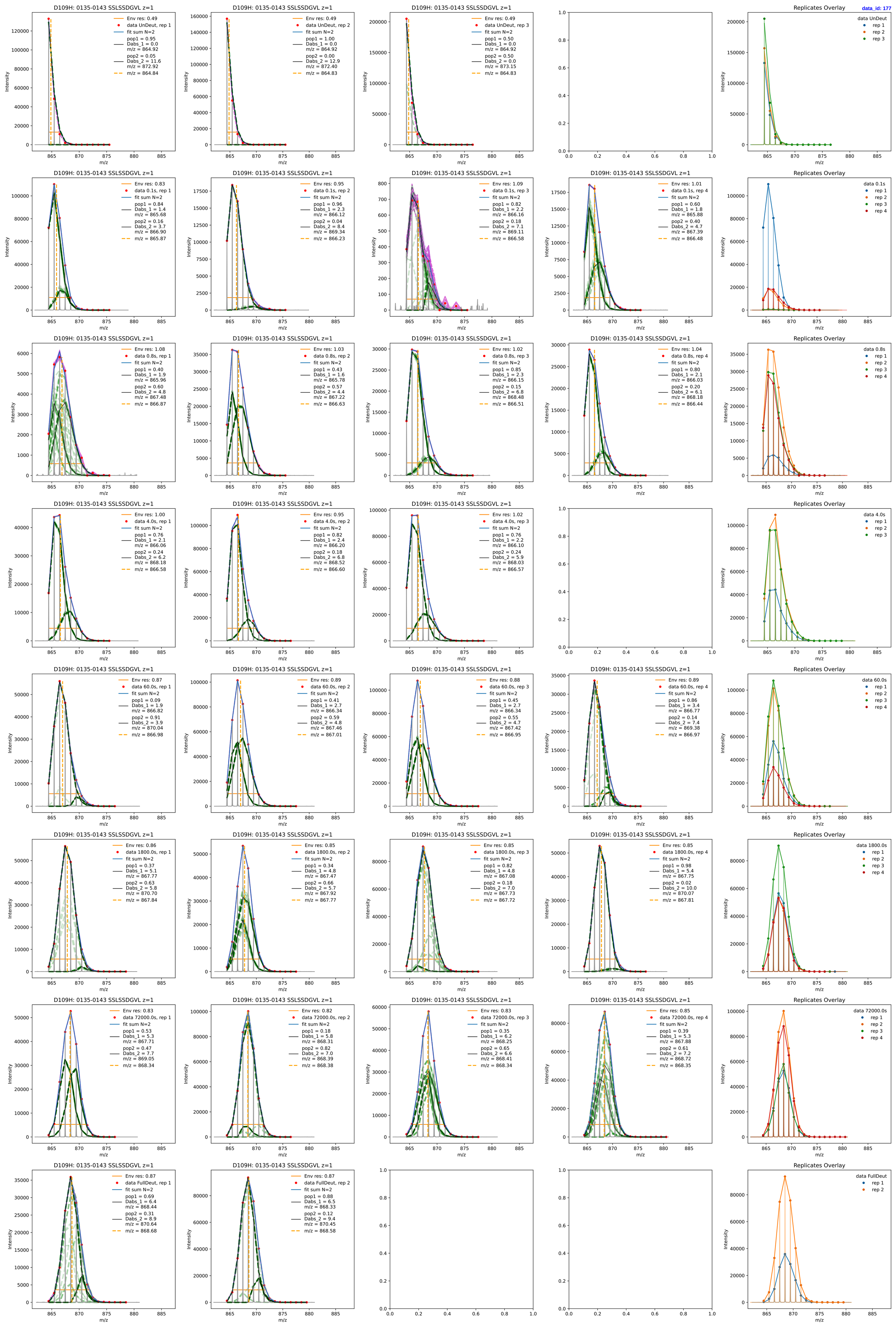

data_id: 171
D109H: 0118-0134 FHRKYRIPADVDPLTIT z=3
Replicates Overlay
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
UnDeut
0.1s, rep1
0.1s, rep2
0.1s, rep4
0.1s
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
0.8s
4.0s, rep1
4.0s, rep2
4.0s, rep3
4.0s
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, rep4
60.0s
1800.0s, rep1
1800.0s, rep2
1800.0s, rep3
1800.0s, rep4
1800.0s
72000.0s, rep1
72000.0s, rep2
72000.0s, rep3
72000.0s, rep4
72000.0s
FullDeut, rep1
FullDeut, rep2
FullDeut
pop0
pop1
Centroid
1_pop0
1_pop1
2_pop0
2_pop1
3_pop0
3_pop1
4_pop0
4_pop1
population
Absolute Deuterium Level (Da)

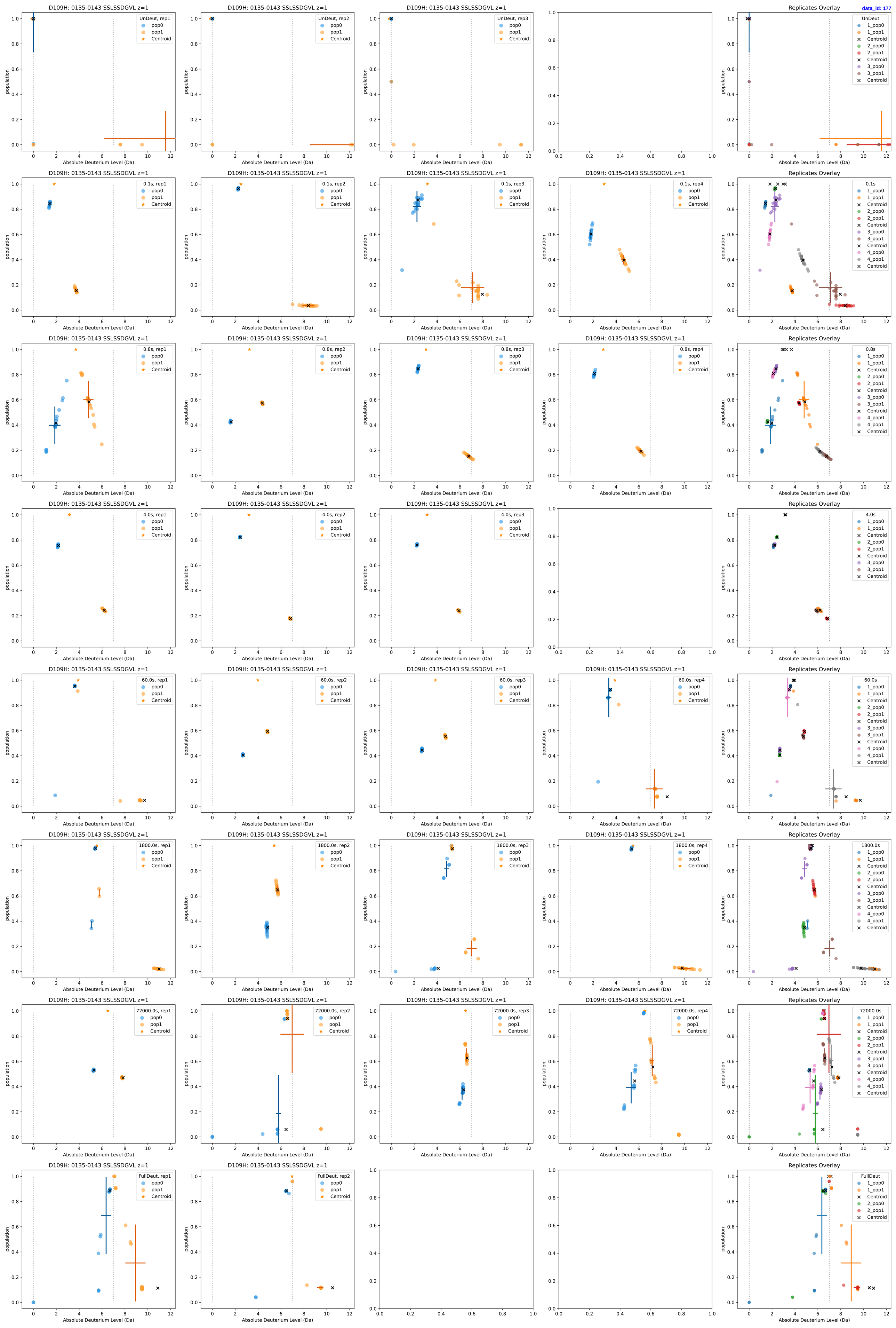

D109H: 0118-0134 FHRKYRIPADVDPLTIT z=3
data_id: 171
Absolute Deuterium Level (Da)
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
10^{-1}
10^{0}
10^{1}
10^{2}
10^{3}
10^{4}
10^{5}
10^{6}
Time, s
rep1
rep2
rep3
rep4

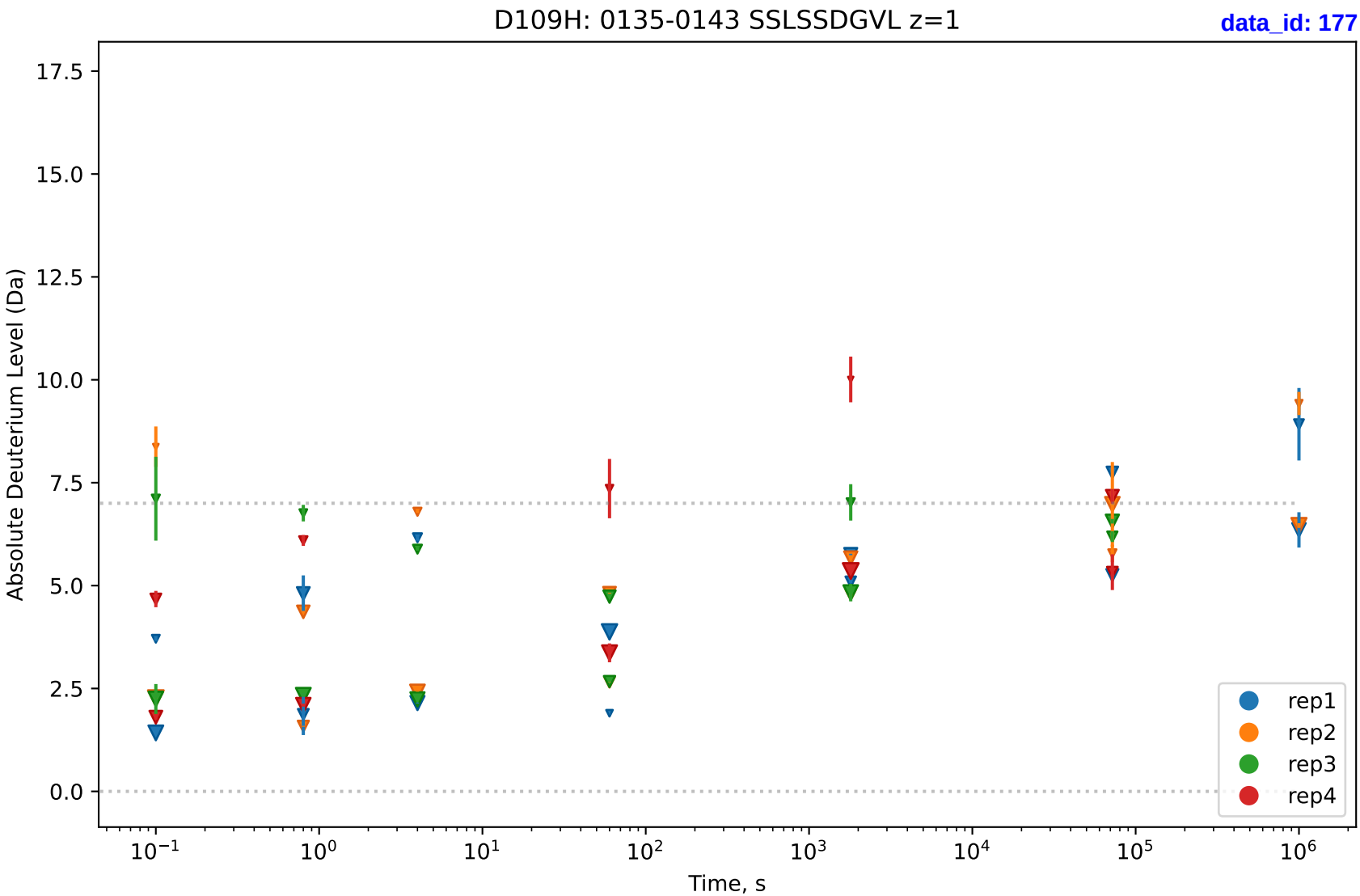

data_id: 174
D109H: 0118-0137 FHRKYRIPADVDPLTITSSL z=3
Env res: 0.83
data UnDeut, rep 1
fit sum N=2
pop1 = 0.05
Dabs_1 = 0.0
m/z = 777.57
pop2 = 0.95
Dabs_2 = 0.1
m/z = 781.60
m/z = 777.56
Env res: 0.85
data UnDeut, rep 2
pop1 = 0.95
Dabs_1 = 0.0
m/z = 777.56
pop2 = 0.05
Dabs_2 = 19.3
m/z = 781.57
m/z = 777.55
Env res: 0.83
data UnDeut, rep 3
pop1 = 1.00
Dabs_1 = 0.1
m/z = 777.57
pop2 = 0.00
Dabs_2 = 20.3
m/z = 781.35
m/z = 777.55
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 0.97
data 0.1s, rep 1
pop1 = 0.93
Dabs_1 = 2.6
m/z = 778.09
pop2 = 0.07
Dabs_2 = 2.9
m/z = 780.04
m/z = 778.10
Env res: 1.00
data 0.1s, rep 2
pop1 = 0.93
Dabs_1 = 2.7
m/z = 778.11
pop2 = 0.07
Dabs_2 = 8.1
m/z = 779.23
m/z = 778.20
Env res: 1.18
data 0.1s, rep 4
pop1 = 0.94
Dabs_1 = 3.8
m/z = 778.33
pop2 = 0.06
Dabs_2 = 11.5
m/z = 779.88
m/z = 778.43
data 0.1s
rep 1
rep 2
rep 4
Env res: 1.19
data 0.8s, rep 1
pop1 = 0.81
Dabs_1 = 4.4
m/z = 778.49
pop2 = 0.19
Dabs_2 = 7.4
m/z = 779.10
m/z = 778.64
Env res: 1.09
data 0.8s, rep 2
pop1 = 0.96
Dabs_1 = 3.9
m/z = 778.35
pop2 = 0.04
Dabs_2 = 12.1
m/z = 780.01
m/z = 778.44
Env res: 1.05
data 0.8s, rep 3
pop1 = 0.25
Dabs_1 = 3.3
m/z = 778.23
pop2 = 0.75
Dabs_2 = 4.3
m/z = 778.42
m/z = 778.40
Env res: 1.04
data 0.8s, rep 4
pop1 = 0.87
Dabs_1 = 3.3
m/z = 778.21
pop2 = 0.13
Dabs_2 = 7.0
m/z = 778.93
m/z = 778.34
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 1.02
data 4.0s, rep 1
pop1 = 0.49
Dabs_1 = 3.1
m/z = 778.19
pop2 = 0.51
Dabs_2 = 5.0
m/z = 778.54
m/z = 778.40
Env res: 1.03
data 4.0s, rep 2
pop1 = 0.53
Dabs_1 = 3.5
m/z = 778.27
pop2 = 0.47
Dabs_2 = 5.1
m/z = 778.67
m/z = 778.41
Env res: 1.02
data 4.0s, rep 3
pop1 = 0.65
Dabs_1 = 3.2
m/z = 778.20
pop2 = 0.35
Dabs_2 = 5.9
m/z = 778.73
m/z = 778.41
data 4.0s
rep 1
rep 2
rep 3
Env res: 1.09
data 60.0s, rep 1
pop1 = 0.66
Dabs_1 = 5.6
m/z = 778.69
pop2 = 0.34
Dabs_2 = 7.8
m/z = 779.17
m/z = 778.86
Env res: 1.07
data 60.0s, rep 2
pop1 = 0.25
Dabs_1 = 4.0
m/z = 778.35
pop2 = 0.75
Dabs_2 = 7.0
m/z = 778.96
m/z = 778.84
Env res: 1.10
data 60.0s, rep 3
pop1 = 0.99
Dabs_1 = 6.3
m/z = 778.84
pop2 = 0.01
Dabs_2 = 16.0
m/z = 780.81
m/z = 778.87
Env res: 1.09
data 60.0s, rep 4
pop1 = 0.42
Dabs_1 = 6.2
m/z = 778.81
pop2 = 0.58
Dabs_2 = 6.2
m/z = 778.82
m/z = 778.84
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.18
data 1800.0s, rep 1
pop1 = 0.22
Dabs_1 = 9.0
m/z = 779.74
pop2 = 0.78
Dabs_2 = 11.3
m/z = 781.47
m/z = 779.77
Env res: 1.21
data 1800.0s, rep 2
pop1 = 0.86
Dabs_1 = 10.1
m/z = 779.62
pop2 = 0.14
Dabs_2 = 14.8
m/z = 780.59
m/z = 779.76
Env res: 1.21
data 1800.0s, rep 3
pop1 = 0.78
Dabs_1 = 9.7
m/z = 779.52
pop2 = 0.22
Dabs_2 = 13.7
m/z = 780.33
m/z = 779.73
Env res: 1.20
data 1800.0s, rep 4
pop1 = 0.17
Dabs_1 = 10.4
m/z = 779.66
pop2 = 0.83
Dabs_2 = 11.1
m/z = 779.76
m/z = 779.76
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.25
data 72000.0s, rep 1
pop1 = 0.73
Dabs_1 = 12.9
m/z = 780.12
pop2 = 0.27
Dabs_2 = 16.5
m/z = 780.85
m/z = 780.38
Env res: 1.23
data 72000.0s, rep 2
pop1 = 0.00
Dabs_1 = 0.3
m/z = 777.62
pop2 = 1.00
Dabs_2 = 13.9
m/z = 780.38
m/z = 780.38
Env res: 1.22
data 72000.0s, rep 3
pop1 = 0.00
Dabs_1 = 0.0
m/z = 777.56
pop2 = 1.00
Dabs_2 = 13.6
m/z = 780.32
m/z = 780.34
Env res: 1.21
data 72000.0s, rep 4
pop1 = 0.63
Dabs_1 = 13.4
m/z = 780.27
pop2 = 0.37
Dabs_2 = 13.9
m/z = 780.38
m/z = 780.32
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.23
data FullDeut, rep 1
pop1 = 0.73
Dabs_1 = 15.4
m/z = 777.56
pop2 = 0.27
Dabs_2 = 17.8
m/z = 780.81
m/z = 780.81
Env res: 1.23
data FullDeut, rep 2
pop1 = 0.67
Dabs_1 = 14.8
m/z = 780.53
pop2 = 0.33
Dabs_2 = 18.1
m/z = 781.22
m/z = 780.79
data FullDeut
rep 1
rep 2
Intensity
m/z

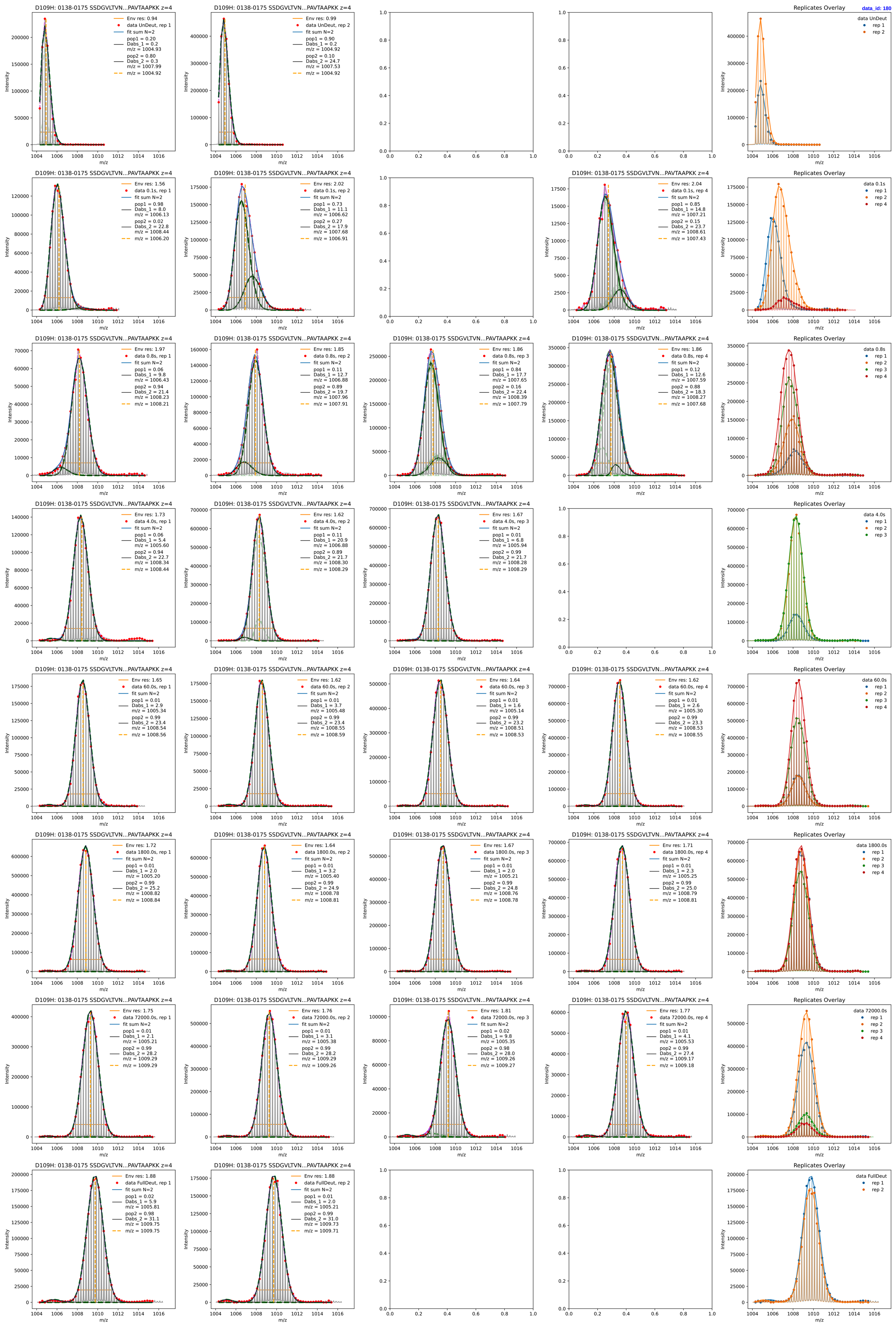
data_id: 174
D109H: 0118-0137 FHRKYRIPADVDPLTITSSL z=3
Replicates Overlay
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
UnDeut
0.1s, rep1
0.1s, rep2
0.1s, rep4
0.1s
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
0.8s
4.0s, rep1
4.0s, rep2
4.0s, rep3
4.0s
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, rep4
60.0s
1800.0s, rep1
1800.0s, rep2
1800.0s, rep3
1800.0s, rep4
1800.0s
72000.0s, rep1
72000.0s, rep2
72000.0s, rep3
72000.0s, rep4
72000.0s
FullDeut, rep1
FullDeut, rep2
FullDeut
pop0
pop1
Centroid
1_pop0
1_pop1
2_pop0
2_pop1
3_pop0
3_pop1
4_pop0
4_pop1
population
Absolute Deuterium Level (Da)

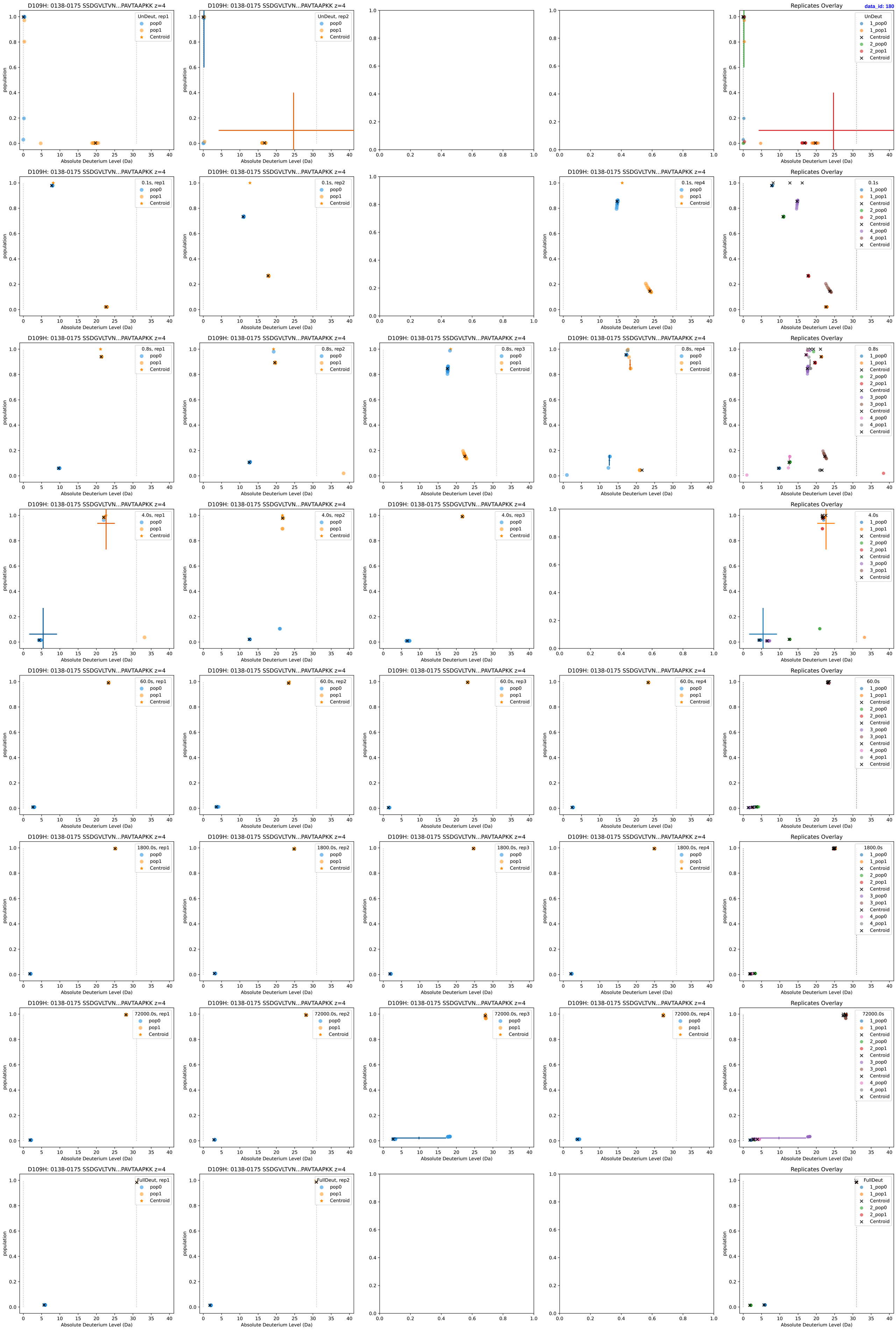

D109H: 0118-0137 FHRKYRIPADVDPLTITSSL z=3
data_id: 174
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4

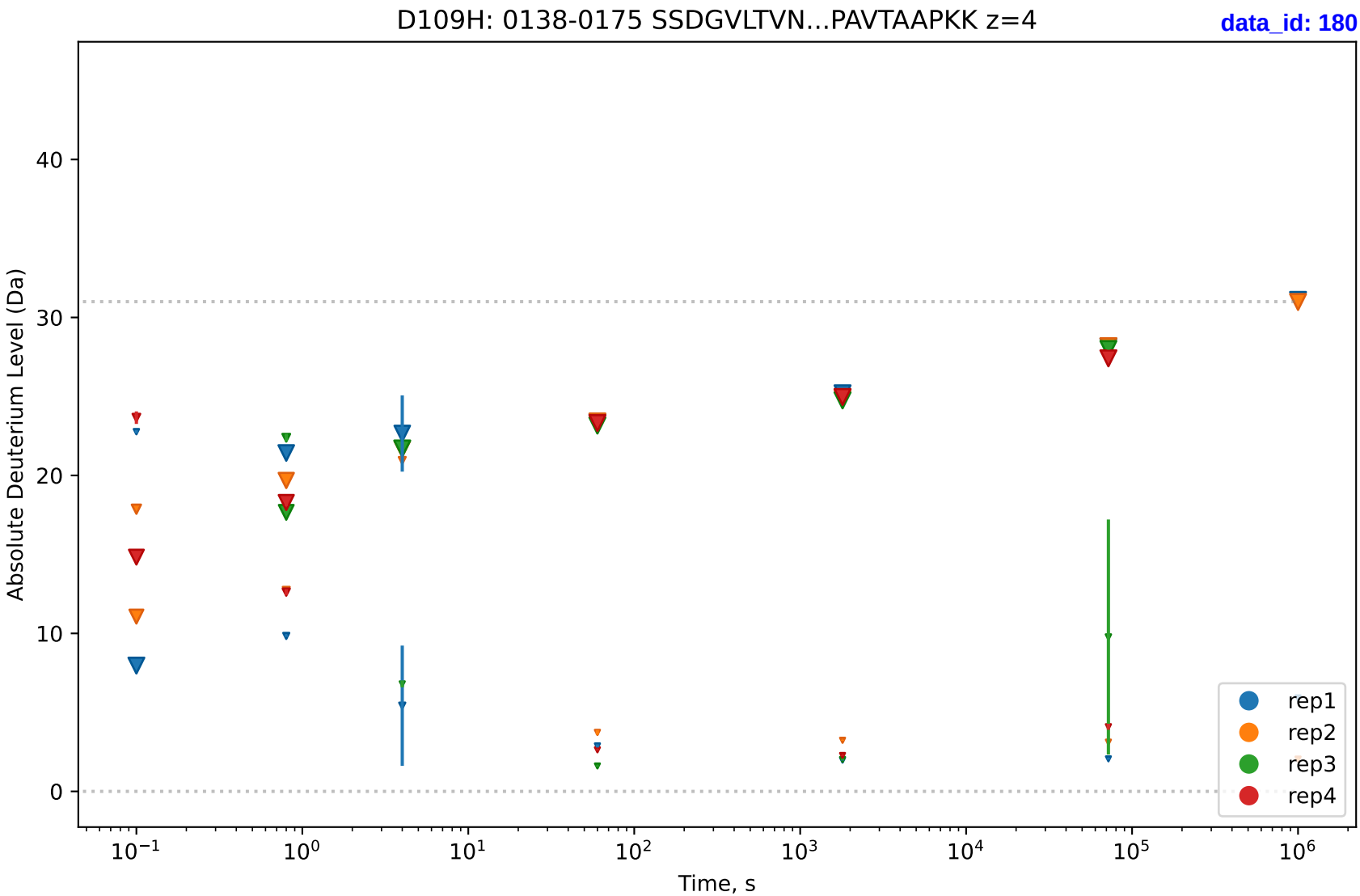

data_id: 177
D109H: 0135-0143 SSLSSDGVL z=1
Replicates Overlay
Intensity
m/z
Env res: 0.49
data UnDeut, rep 1
fit sum N=2
pop1 = 0.95
Dabs_1 = 0.0
m/z = 864.92
pop2 = 0.05
Dabs_2 = 11.6
m/z = 872.92
m/z = 864.84
data UnDeut, rep 2
pop1 = 1.00
Dabs_1 = 0.0
m/z = 864.92
pop2 = 0.00
Dabs_2 = 12.9
m/z = 872.40
m/z = 864.83
data UnDeut, rep 3
pop1 = 0.50
Dabs_1 = 0.0
m/z = 864.92
pop2 = 0.50
Dabs_2 = 0.0
m/z = 873.15
m/z = 864.83
data UnDeut
rep 1
rep 2
rep 3
Env res: 0.83
data 0.1s, rep 1
pop1 = 0.84
Dabs_1 = 1.4
m/z = 865.68
pop2 = 0.16
Dabs_2 = 3.7
m/z = 866.90
m/z = 865.87
Env res: 0.95
data 0.1s, rep 2
pop1 = 0.96
Dabs_1 = 2.3
m/z = 866.12
pop2 = 0.04
Dabs_2 = 8.4
m/z = 869.34
m/z = 866.23
Env res: 1.09
data 0.1s, rep 3
pop1 = 0.82
Dabs_1 = 2.2
m/z = 866.16
pop2 = 0.18
Dabs_2 = 7.1
m/z = 869.11
m/z = 866.58
Env res: 1.01
data 0.1s, rep 4
pop1 = 0.60
Dabs_1 = 1.8
m/z = 865.88
pop2 = 0.40
Dabs_2 = 4.7
m/z = 867.39
m/z = 866.48
data 0.1s
rep 1
rep 2
rep 3
rep 4
Env res: 1.08
data 0.8s, rep 1
pop1 = 0.40
Dabs_1 = 1.9
m/z = 865.96
pop2 = 0.60
Dabs_2 = 4.8
m/z = 867.48
m/z = 866.87
Env res: 1.03
data 0.8s, rep 2
pop1 = 0.43
Dabs_1 = 1.6
m/z = 865.78
pop2 = 0.57
Dabs_2 = 4.4
m/z = 867.22
m/z = 866.63
Env res: 1.02
data 0.8s, rep 3
pop1 = 0.85
Dabs_1 = 2.3
m/z = 866.15
pop2 = 0.15
Dabs_2 = 6.8
m/z = 868.48
m/z = 866.51
Env res: 1.04
data 0.8s, rep 4
pop1 = 0.80
Dabs_1 = 2.1
m/z = 866.03
pop2 = 0.20
Dabs_2 = 6.1
m/z = 868.18
m/z = 866.44
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 1.00
data 4.0s, rep 1
pop1 = 0.76
Dabs_1 = 2.1
m/z = 866.06
pop2 = 0.24
Dabs_2 = 6.2
m/z = 868.18
m/z = 866.58
Env res: 0.95
data 4.0s, rep 2
pop1 = 0.82
Dabs_1 = 2.4
m/z = 866.20
pop2 = 0.18
Dabs_2 = 6.8
m/z = 868.52
m/z = 866.60
Env res: 1.02
data 4.0s, rep 3
pop1 = 0.76
Dabs_1 = 2.2
m/z = 866.10
pop2 = 0.24
Dabs_2 = 5.9
m/z = 868.03
m/z = 866.57
data 4.0s
rep 1
rep 2
rep 3
Env res: 0.87
data 60.0s, rep 1
pop1 = 0.09
Dabs_1 = 1.9
m/z = 866.82
pop2 = 0.91
Dabs_2 = 3.9
m/z = 870.04
m/z = 866.98
Env res: 0.89
data 60.0s, rep 2
pop1 = 0.41
Dabs_1 = 2.7
m/z = 866.34
pop2 = 0.59
Dabs_2 = 4.8
m/z = 867.46
m/z = 867.01
Env res: 0.88
data 60.0s, rep 3
pop1 = 0.45
Dabs_1 = 2.7
m/z = 866.34
pop2 = 0.55
Dabs_2 = 4.7
m/z = 867.42
m/z = 866.95
Env res: 0.89
data 60.0s, rep 4
pop1 = 0.86
Dabs_1 = 3.4
m/z = 866.77
pop2 = 0.14
Dabs_2 = 7.4
m/z = 869.38
m/z = 866.97
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 0.86
data 1800.0s, rep 1
pop1 = 0.37
Dabs_1 = 5.1
m/z = 867.77
pop2 = 0.63
Dabs_2 = 5.8
m/z = 870.70
m/z = 867.84
Env res: 0.85
data 1800.0s, rep 2
pop1 = 0.34
Dabs_1 = 4.8
m/z = 867.47
pop2 = 0.66
Dabs_2 = 5.7
m/z = 867.92
m/z = 867.77
Env res: 0.85
data 1800.0s, rep 3
pop1 = 0.82
Dabs_1 = 4.8
m/z = 867.08
pop2 = 0.18
Dabs_2 = 7.0
m/z = 867.73
m/z = 867.72
Env res: 0.85
data 1800.0s, rep 4
pop1 = 0.98
Dabs_1 = 5.4
m/z = 867.75
pop2 = 0.02
Dabs_2 = 10.0
m/z = 870.07
m/z = 867.81
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 0.83
data 72000.0s, rep 1
pop1 = 0.53
Dabs_1 = 5.3
m/z = 867.71
pop2 = 0.47
Dabs_2 = 7.7
m/z = 869.05
m/z = 868.34
Env res: 0.82
data 72000.0s, rep 2
pop1 = 0.18
Dabs_1 = 5.8
m/z = 868.31
pop2 = 0.82
Dabs_2 = 7.0
m/z = 868.39
m/z = 868.38
Env res: 0.83
data 72000.0s, rep 3
pop1 = 0.35
Dabs_1 = 6.2
m/z = 868.25
pop2 = 0.65
Dabs_2 = 6.6
m/z = 868.41
m/z = 868.34
Env res: 0.85
data 72000.0s, rep 4
pop1 = 0.39
Dabs_1 = 5.3
m/z = 867.88
pop2 = 0.61
Dabs_2 = 7.2
m/z = 868.72
m/z = 868.35
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 0.87
data FullDeut, rep 1
pop1 = 0.69
Dabs_1 = 6.4
m/z = 868.44
pop2 = 0.31
Dabs_2 = 8.9
m/z = 870.64
m/z = 868.68
Env res: 0.87
data FullDeut, rep 2
pop1 = 0.88
Dabs_1 = 6.5
m/z = 868.33
pop2 = 0.12
Dabs_2 = 9.4
m/z = 870.45
m/z = 868.58
data FullDeut
rep 1
rep 2

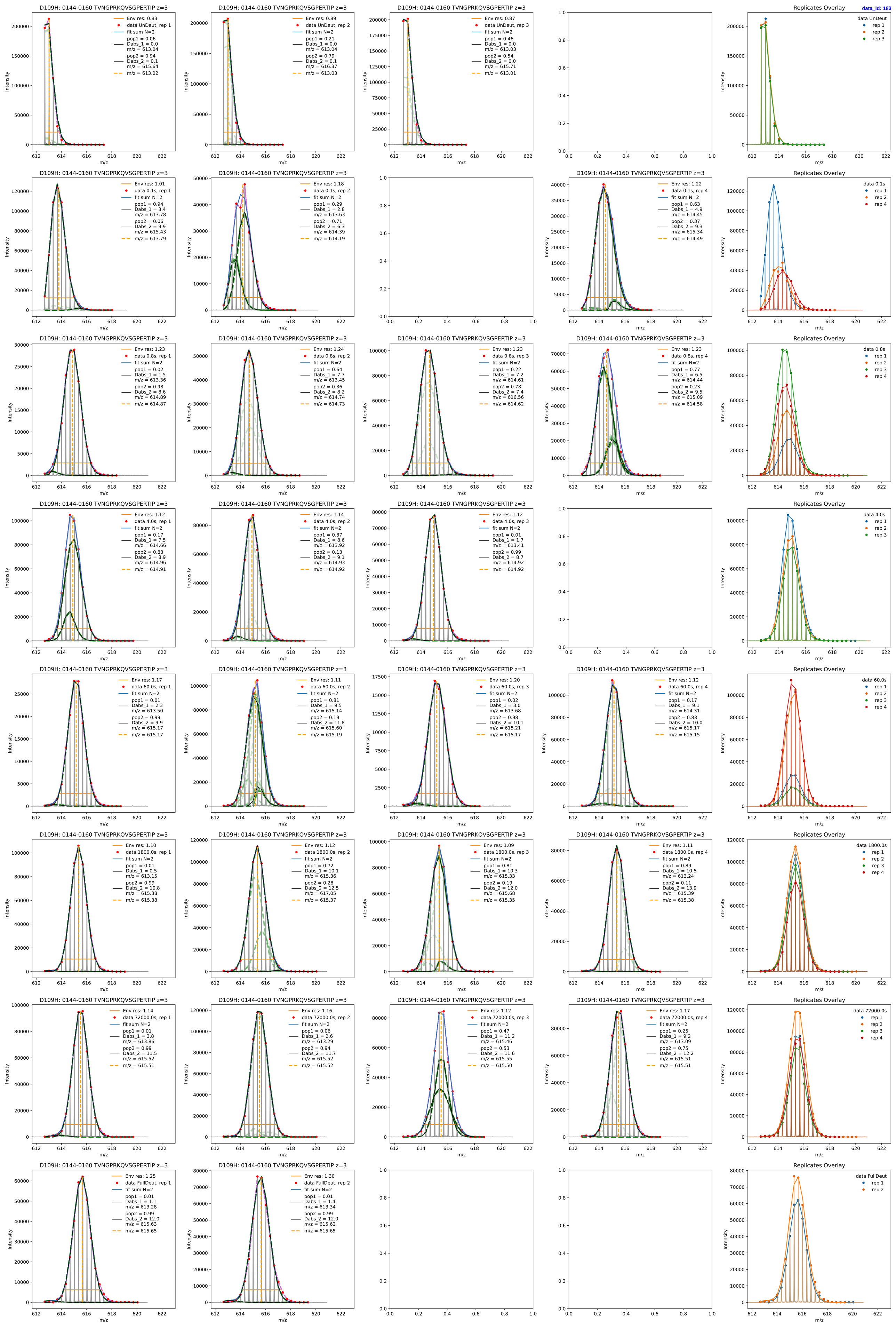

data_id: 177
D109H: 0135-0143 SSLSSDGVL z=1
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
0.1s, rep1
0.1s, rep2
0.1s, rep3
0.1s, rep4
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
4.0s, rep1
4.0s, rep2
4.0s, rep3
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, rep4
1800.0s, rep1
1800.0s, rep2
1800.0s, rep3
1800.0s, rep4
72000.0s, rep1
72000.0s, rep2
72000.0s, rep3
72000.0s, rep4
FullDeut, rep1
FullDeut, rep2
Replicates Overlay
UnDeut
0.1s
0.8s
4.0s
60.0s
1800.0s
72000.0s
FullDeut
1_pop0
1_pop1
2_pop0
2_pop1
3_pop0
3_pop1
4_pop0
4_pop1
pop0
pop1
Centroid
population
Absolute Deuterium Level (Da)

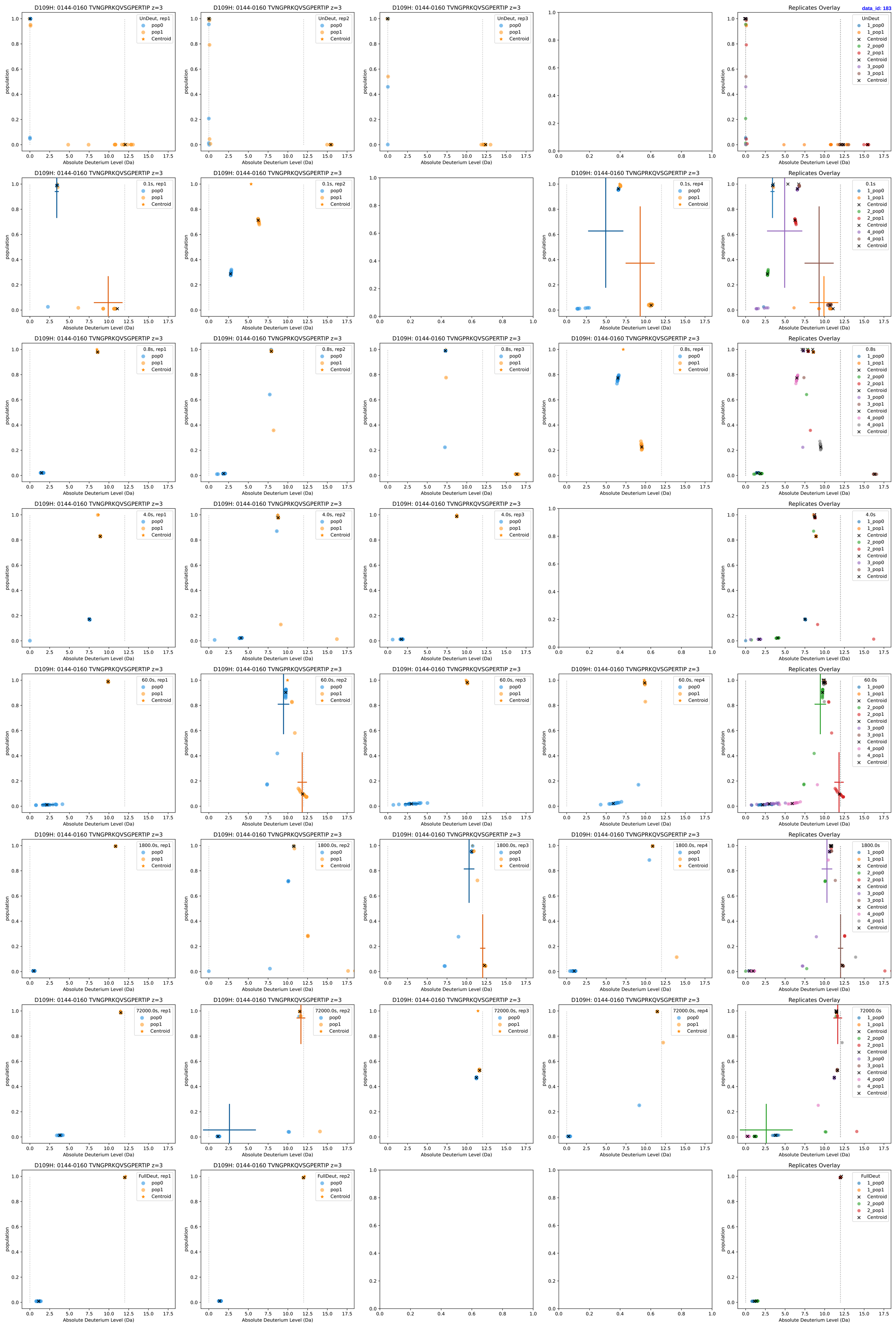

D109H: 0135-0143 SSLSSDGVL z=1
data_id: 177
Absolute Deuterium Level (Da)
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
10^{-1}
10^{0}
10^{1}
10^{2}
10^{3}
10^{4}
10^{5}
10^{6}
Time, s
rep1
rep2
rep3
rep4

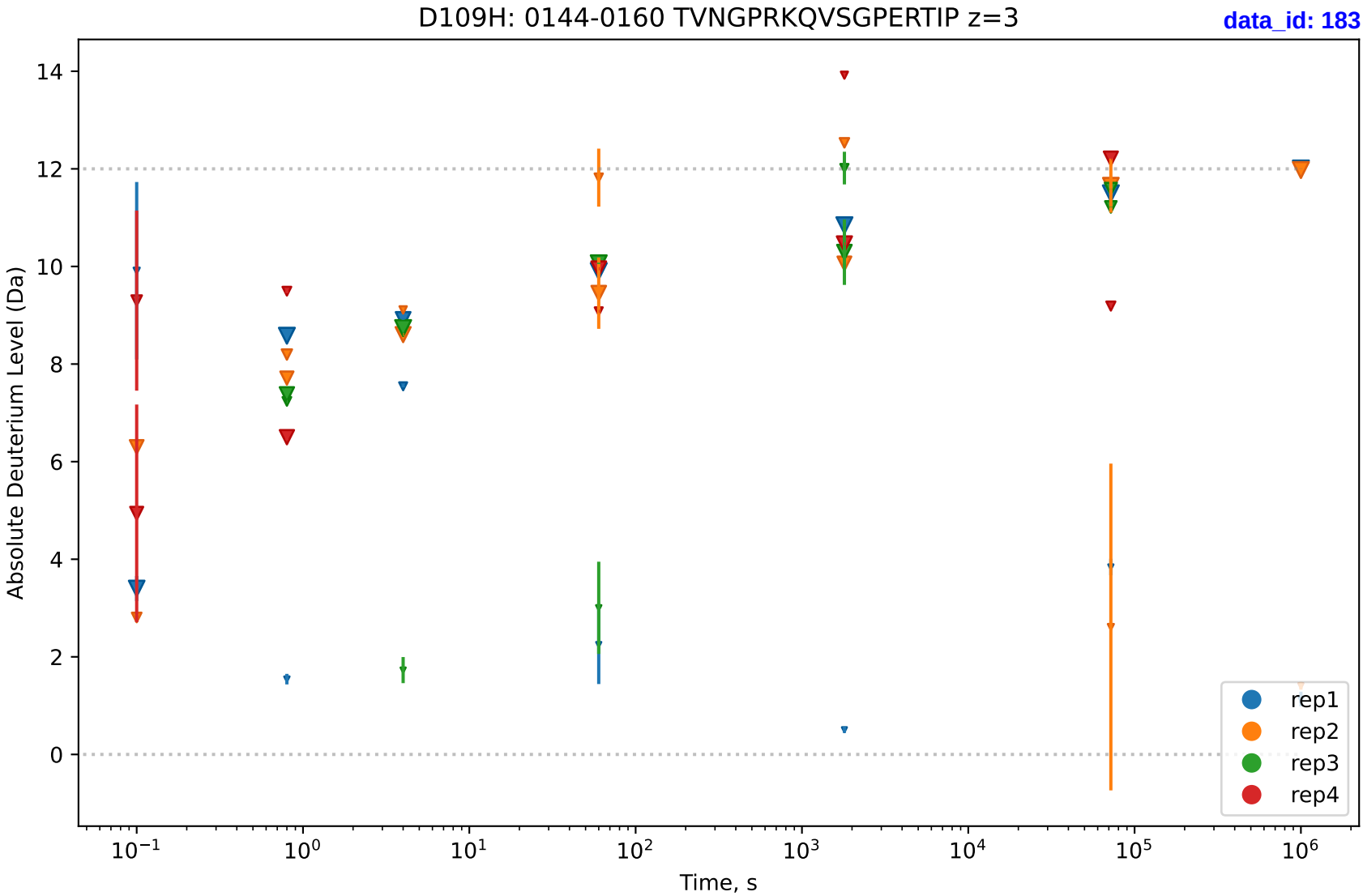

data_id: 180
D109H: 0138-0175 SSDGVLTVN...PAVTAAPKK z=4
Env res: 0.94
data UnDeut, rep 1
fit sum N=2
pop1 = 0.20
Dabs_1 = 0.2
m/z = 1004.93
pop2 = 0.80
Dabs_2 = 0.3
m/z = 1007.99
m/z = 1004.92
Env res: 0.99
data UnDeut, rep 2
fit sum N=2
pop1 = 0.90
Dabs_1 = 0.2
m/z = 1004.92
pop2 = 0.10
Dabs_2 = 24.7
m/z = 1007.53
m/z = 1004.92
Replicates Overlay
data UnDeut
rep 1
rep 2
Env res: 1.56
data 0.1s, rep 1
fit sum N=2
pop1 = 0.98
Dabs_1 = 8.0
m/z = 1006.13
pop2 = 0.02
Dabs_2 = 22.8
m/z = 1008.44
m/z = 1006.20
Env res: 2.02
data 0.1s, rep 2
fit sum N=2
pop1 = 0.73
Dabs_1 = 11.1
m/z = 1006.62
pop2 = 0.27
Dabs_2 = 17.9
m/z = 1007.68
m/z = 1006.91
Env res: 2.04
data 0.1s, rep 4
fit sum N=2
pop1 = 0.85
Dabs_1 = 14.8
m/z = 1007.21
pop2 = 0.15
Dabs_2 = 23.7
m/z = 1008.61
m/z = 1007.43
data 0.1s
rep 1
rep 2
rep 4
Env res: 1.97
data 0.8s, rep 1
fit sum N=2
pop1 = 0.06
Dabs_1 = 9.8
m/z = 1006.43
pop2 = 0.94
Dabs_2 = 21.4
m/z = 1008.23
m/z = 1008.21
Env res: 1.85
data 0.8s, rep 2
fit sum N=2
pop1 = 0.11
Dabs_1 = 12.7
m/z = 1006.88
pop2 = 0.89
Dabs_2 = 19.7
m/z = 1007.96
m/z = 1007.91
Env res: 1.86
data 0.8s, rep 3
fit sum N=2
pop1 = 0.84
Dabs_1 = 17.7
m/z = 1007.65
pop2 = 0.16
Dabs_2 = 22.4
m/z = 1008.39
m/z = 1007.79
Env res: 1.86
data 0.8s, rep 4
fit sum N=2
pop1 = 0.12
Dabs_1 = 12.6
m/z = 1007.59
pop2 = 0.88
Dabs_2 = 18.3
m/z = 1008.27
m/z = 1007.68
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 1.73
data 4.0s, rep 1
fit sum N=2
pop1 = 0.06
Dabs_1 = 5.4
m/z = 1005.60
pop2 = 0.94
Dabs_2 = 22.7
m/z = 1008.34
m/z = 1008.44
Env res: 1.62
data 4.0s, rep 2
fit sum N=2
pop1 = 0.11
Dabs_1 = 20.9
m/z = 1006.88
pop2 = 0.89
Dabs_2 = 21.7
m/z = 1008.30
m/z = 1008.29
Env res: 1.67
data 4.0s, rep 3
fit sum N=2
pop1 = 0.01
Dabs_1 = 6.8
m/z = 1005.94
pop2 = 0.99
Dabs_2 = 21.7
m/z = 1008.28
m/z = 1008.29
data 4.0s
rep 1
rep 2
rep 3
Env res: 1.65
data 60.0s, rep 1
fit sum N=2
pop1 = 0.01
Dabs_1 = 2.9
m/z = 1005.34
pop2 = 0.99
Dabs_2 = 23.4
m/z = 1008.54
m/z = 1008.56
Env res: 1.62
data 60.0s, rep 2
fit sum N=2
pop1 = 0.01
Dabs_1 = 3.7
m/z = 1005.48
pop2 = 0.99
Dabs_2 = 23.4
m/z = 1008.55
m/z = 1008.59
Env res: 1.64
data 60.0s, rep 3
fit sum N=2
pop1 = 0.01
Dabs_1 = 1.6
m/z = 1005.14
pop2 = 0.99
Dabs_2 = 23.2
m/z = 1008.51
m/z = 1008.53
Env res: 1.62
data 60.0s, rep 4
fit sum N=2
pop1 = 0.01
Dabs_1 = 2.6
m/z = 1005.30
pop2 = 0.99
Dabs_2 = 23.3
m/z = 1008.53
m/z = 1008.55
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.72
data 1800.0s, rep 1
fit sum N=2
pop1 = 0.01
Dabs_1 = 2.0
m/z = 1005.20
pop2 = 0.99
Dabs_2 = 25.2
m/z = 1008.82
m/z = 1008.84
Env res: 1.64
data 1800.0s, rep 2
fit sum N=2
pop1 = 0.01
Dabs_1 = 3.2
m/z = 1005.40
pop2 = 0.99
Dabs_2 = 24.9
m/z = 1008.78
m/z = 1008.81
Env res: 1.67
data 1800.0s, rep 3
fit sum N=2
pop1 = 0.01
Dabs_1 = 2.0
m/z = 1005.21
pop2 = 0.99
Dabs_2 = 24.8
m/z = 1008.76
m/z = 1008.78
Env res: 1.71
data 1800.0s, rep 4
fit sum N=2
pop1 = 0.01
Dabs_1 = 2.3
m/z = 1005.25
pop2 = 0.99
Dabs_2 = 25.0
m/z = 1008.79
m/z = 1008.81
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.75
data 72000.0s, rep 1
fit sum N=2
pop1 = 0.01
Dabs_1 = 2.1
m/z = 1005.21
pop2 = 0.99
Dabs_2 = 28.2
m/z = 1009.29
m/z = 1009.29
Env res: 1.76
data 72000.0s, rep 2
fit sum N=2
pop1 = 0.01
Dabs_1 = 3.1
m/z = 1005.38
pop2 = 0.99
Dabs_2 = 28.2
m/z = 1009.29
m/z = 1009.26
Env res: 1.81
data 72000.0s, rep 3
fit sum N=2
pop1 = 0.02
Dabs_1 = 9.8
m/z = 1005.35
pop2 = 0.98
Dabs_2 = 28.0
m/z = 1009.26
m/z = 1009.27
Env res: 1.77
data 72000.0s, rep 4
fit sum N=2
pop1 = 0.01
Dabs_1 = 4.1
m/z = 1005.53
pop2 = 0.99
Dabs_2 = 27.4
m/z = 1009.17
m/z = 1009.18
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.88
data FullDeut, rep 1
fit sum N=2
pop1 = 0.02
Dabs_1 = 5.9
m/z = 1005.81
pop2 = 0.98
Dabs_2 = 31.1
m/z = 1009.75
m/z = 1009.75
Env res: 1.88
data FullDeut, rep 2
fit sum N=2
pop1 = 0.01
Dabs_1 = 2.0
m/z = 1005.21
pop2 = 0.99
Dabs_2 = 31.0
m/z = 1009.73
m/z = 1009.71
data FullDeut
rep 1
rep 2
Intensity
m/z

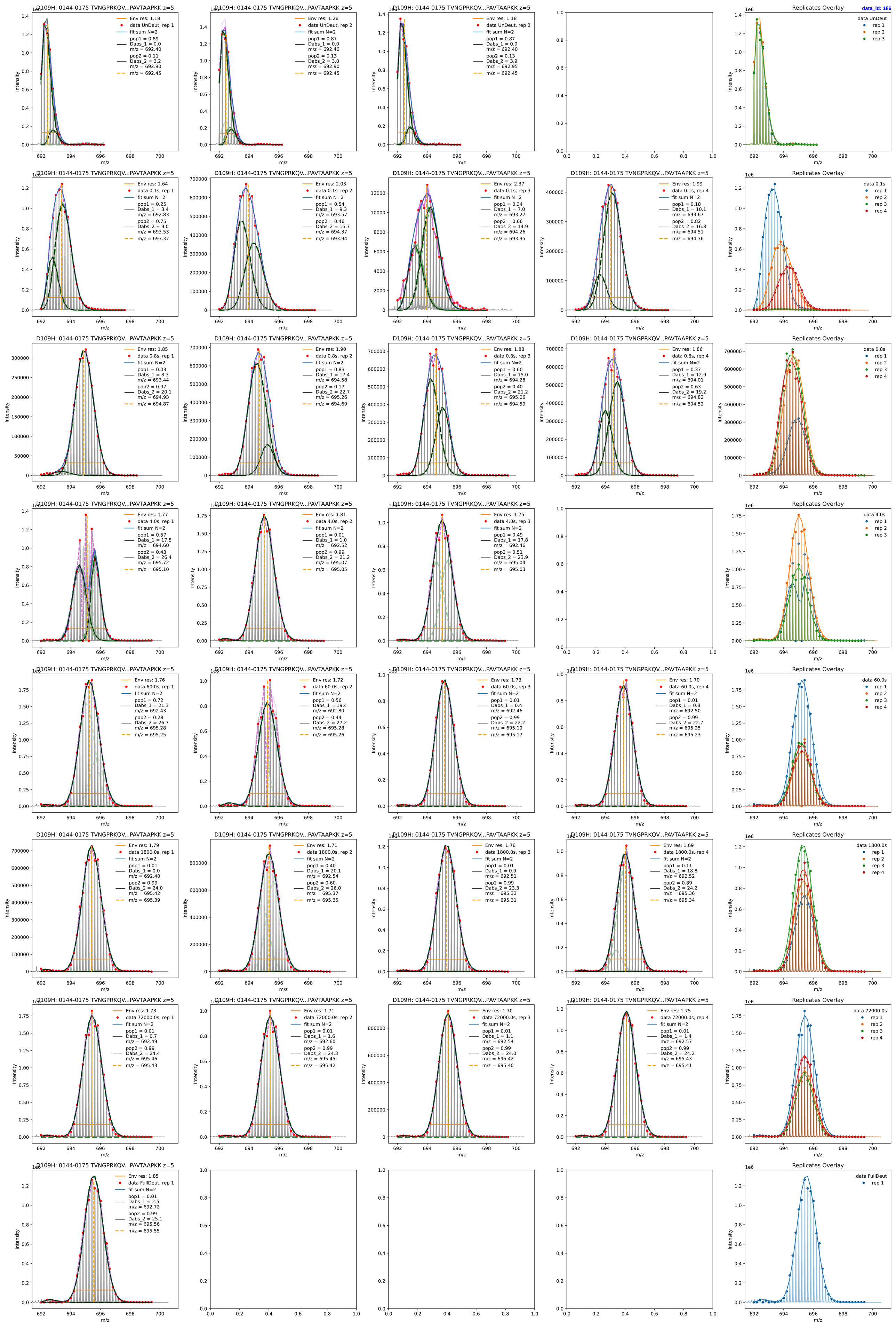

data_id: 180
D109H: 0138-0175 SSDGVLTVN...PAVTAAPKK z=4
Replicates Overlay
UnDeut, rep1
UnDeut, rep2
UnDeut
0.1s, rep1
0.1s, rep2
0.1s, rep4
0.1s
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
0.8s
4.0s, rep1
4.0s, rep2
4.0s, rep3
4.0s
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, rep4
60.0s
1800.0s, rep1
1800.0s, rep2
1800.0s, rep3
1800.0s, rep4
1800.0s
72000.0s, rep1
72000.0s, rep2
72000.0s, rep3
72000.0s, rep4
72000.0s
FullDeut, rep1
FullDeut, rep2
FullDeut
pop0
pop1
Centroid
1_pop0
1_pop1
2_pop0
2_pop1
3_pop0
3_pop1
4_pop0
4_pop1
population
Absolute Deuterium Level (Da)

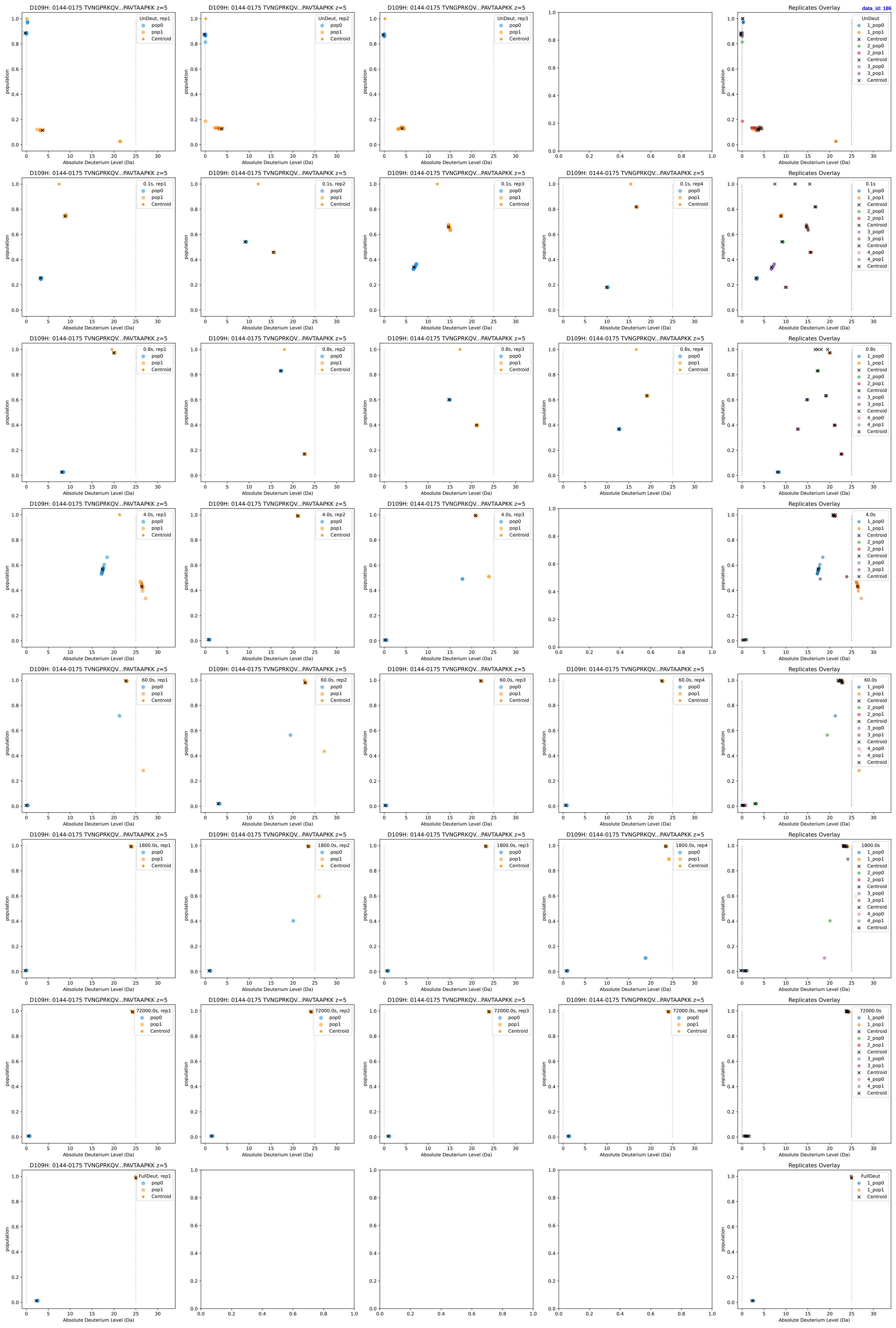

D109H: 0138-0175 SSDGVLTVN...PAVTAAPKK z=4
data_id: 180
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4

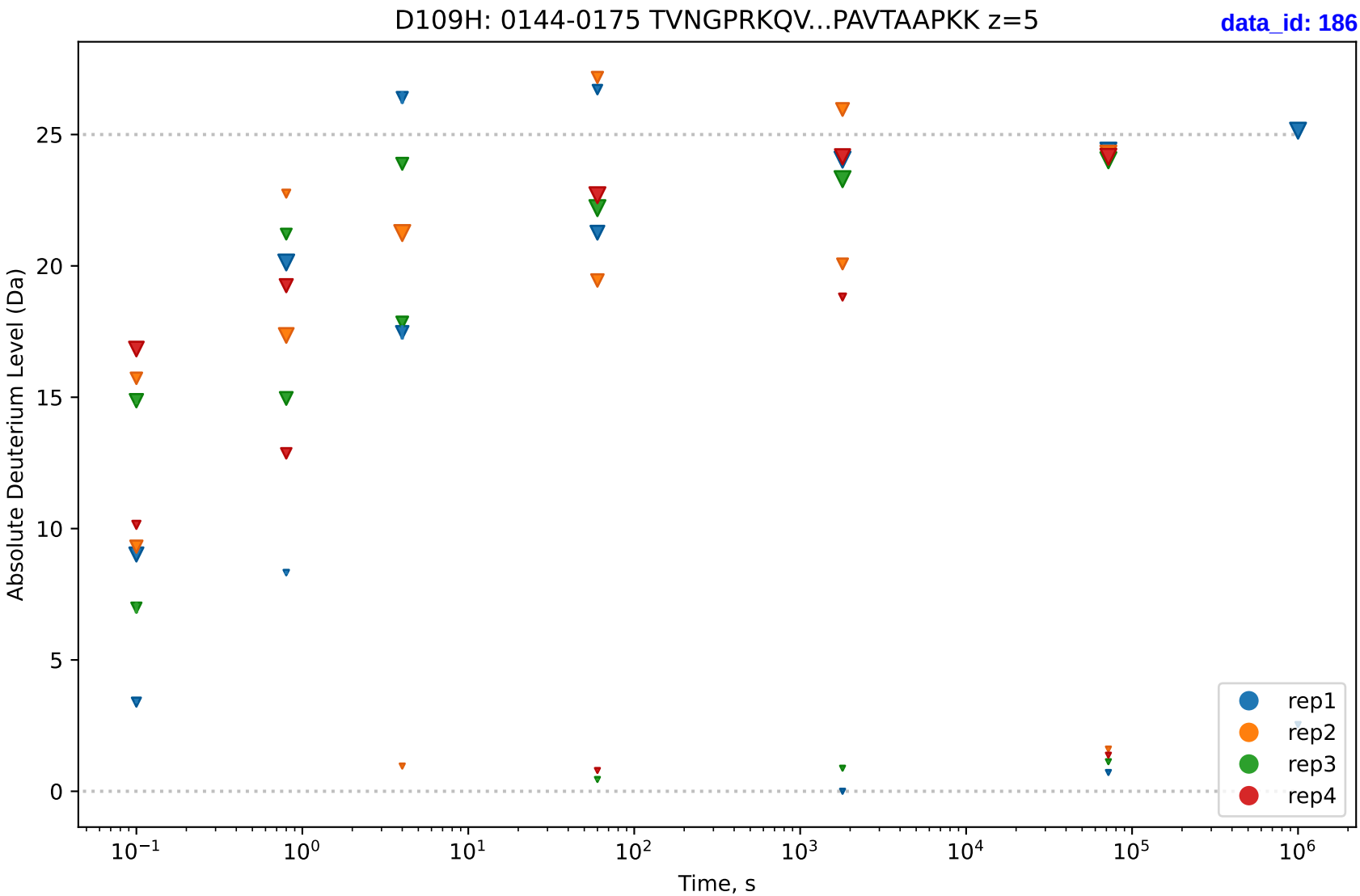

data_id: 183
D109H: 0144-0160 TVNGPRKQVSGPERTIP z=3
Env res: 0.83
data UnDeut, rep 1
fit sum N=2
pop1 = 0.06
Dabs_1 = 0.0
m/z = 613.04
pop2 = 0.94
Dabs_2 = 0.1
m/z = 615.64
m/z = 613.02
Env res: 0.89
data UnDeut, rep 2
pop1 = 0.21
Dabs_1 = 0.0
m/z = 613.04
pop2 = 0.79
Dabs_2 = 0.1
m/z = 616.37
m/z = 613.03
Env res: 0.87
data UnDeut, rep 3
pop1 = 0.46
Dabs_1 = 0.0
m/z = 613.03
pop2 = 0.54
Dabs_2 = 0.0
m/z = 615.71
m/z = 613.01
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 1.01
data 0.1s, rep 1
pop1 = 0.94
Dabs_1 = 3.4
m/z = 613.78
pop2 = 0.06
Dabs_2 = 9.9
m/z = 615.43
m/z = 613.79
Env res: 1.18
data 0.1s, rep 2
pop1 = 0.29
Dabs_1 = 2.8
m/z = 613.63
pop2 = 0.71
Dabs_2 = 6.3
m/z = 614.39
m/z = 614.19
Env res: 1.22
data 0.1s, rep 4
pop1 = 0.63
Dabs_1 = 4.9
m/z = 614.45
pop2 = 0.37
Dabs_2 = 9.3
m/z = 615.34
m/z = 614.49
data 0.1s
rep 1
rep 2
rep 4
Env res: 1.23
data 0.8s, rep 1
pop1 = 0.02
Dabs_1 = 1.5
m/z = 613.36
pop2 = 0.98
Dabs_2 = 8.6
m/z = 614.89
m/z = 614.87
Env res: 1.24
data 0.8s, rep 2
pop1 = 0.64
Dabs_1 = 7.7
m/z = 613.45
pop2 = 0.36
Dabs_2 = 8.2
m/z = 614.74
m/z = 614.73
Env res: 1.23
data 0.8s, rep 3
pop1 = 0.22
Dabs_1 = 7.2
m/z = 614.61
pop2 = 0.78
Dabs_2 = 7.4
m/z = 616.56
m/z = 614.62
Env res: 1.23
data 0.8s, rep 4
pop1 = 0.77
Dabs_1 = 6.5
m/z = 614.44
pop2 = 0.23
Dabs_2 = 9.5
m/z = 615.09
m/z = 614.58
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 1.12
data 4.0s, rep 1
pop1 = 0.17
Dabs_1 = 7.5
m/z = 614.66
pop2 = 0.83
Dabs_2 = 8.9
m/z = 614.96
m/z = 614.91
Env res: 1.14
data 4.0s, rep 2
pop1 = 0.87
Dabs_1 = 8.6
m/z = 613.92
pop2 = 0.13
Dabs_2 = 9.1
m/z = 614.93
m/z = 614.92
Env res: 1.12
data 4.0s, rep 3
pop1 = 0.01
Dabs_1 = 1.7
m/z = 613.41
pop2 = 0.99
Dabs_2 = 8.7
m/z = 614.92
m/z = 614.92
data 4.0s
rep 1
rep 2
rep 3
Env res: 1.17
data 60.0s, rep 1
pop1 = 0.01
Dabs_1 = 2.3
m/z = 613.50
pop2 = 0.99
Dabs_2 = 9.9
m/z = 615.17
m/z = 615.17
Env res: 1.11
data 60.0s, rep 2
pop1 = 0.81
Dabs_1 = 9.5
m/z = 615.14
pop2 = 0.19
Dabs_2 = 11.8
m/z = 615.60
m/z = 615.19
Env res: 1.20
data 60.0s, rep 3
pop1 = 0.02
Dabs_1 = 3.0
m/z = 613.68
pop2 = 0.98
Dabs_2 = 10.1
m/z = 615.21
m/z = 615.17
Env res: 1.12
data 60.0s, rep 4
pop1 = 0.17
Dabs_1 = 9.1
m/z = 614.31
pop2 = 0.83
Dabs_2 = 10.0
m/z = 615.17
m/z = 615.15
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.10
data 1800.0s, rep 1
pop1 = 0.01
Dabs_1 = 0.5
m/z = 613.15
pop2 = 0.99
Dabs_2 = 10.8
m/z = 615.38
m/z = 615.38
Env res: 1.12
data 1800.0s, rep 2
pop1 = 0.72
Dabs_1 = 10.1
m/z = 615.36
pop2 = 0.28
Dabs_2 = 12.5
m/z = 617.05
m/z = 615.37
Env res: 1.09
data 1800.0s, rep 3
pop1 = 0.81
Dabs_1 = 10.3
m/z = 615.33
pop2 = 0.19
Dabs_2 = 12.0
m/z = 615.68
m/z = 615.35
Env res: 1.11
data 1800.0s, rep 4
pop1 = 0.89
Dabs_1 = 10.5
m/z = 613.24
pop2 = 0.11
Dabs_2 = 13.9
m/z = 615.39
m/z = 615.38
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.14
data 72000.0s, rep 1
pop1 = 0.01
Dabs_1 = 3.8
m/z = 613.86
pop2 = 0.99
Dabs_2 = 11.5
m/z = 615.52
m/z = 615.51
Env res: 1.16
data 72000.0s, rep 2
pop1 = 0.06
Dabs_1 = 2.6
m/z = 613.29
pop2 = 0.94
Dabs_2 = 11.7
m/z = 615.52
m/z = 615.52
Env res: 1.12
data 72000.0s, rep 3
pop1 = 0.47
Dabs_1 = 11.2
m/z = 615.46
pop2 = 0.53
Dabs_2 = 11.6
m/z = 615.55
m/z = 615.50
Env res: 1.17
data 72000.0s, rep 4
pop1 = 0.25
Dabs_1 = 9.2
m/z = 613.09
pop2 = 0.75
Dabs_2 = 12.2
m/z = 615.51
m/z = 615.51
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.25
data FullDeut, rep 1
pop1 = 0.01
Dabs_1 = 1.1
m/z = 613.28
pop2 = 0.99
Dabs_2 = 12.0
m/z = 615.63
m/z = 615.65
Env res: 1.30
data FullDeut, rep 2
pop1 = 0.01
Dabs_1 = 1.4
m/z = 613.34
pop2 = 0.99
Dabs_2 = 12.0
m/z = 615.62
m/z = 615.65
data FullDeut
rep 1
rep 2
Intensity
m/z

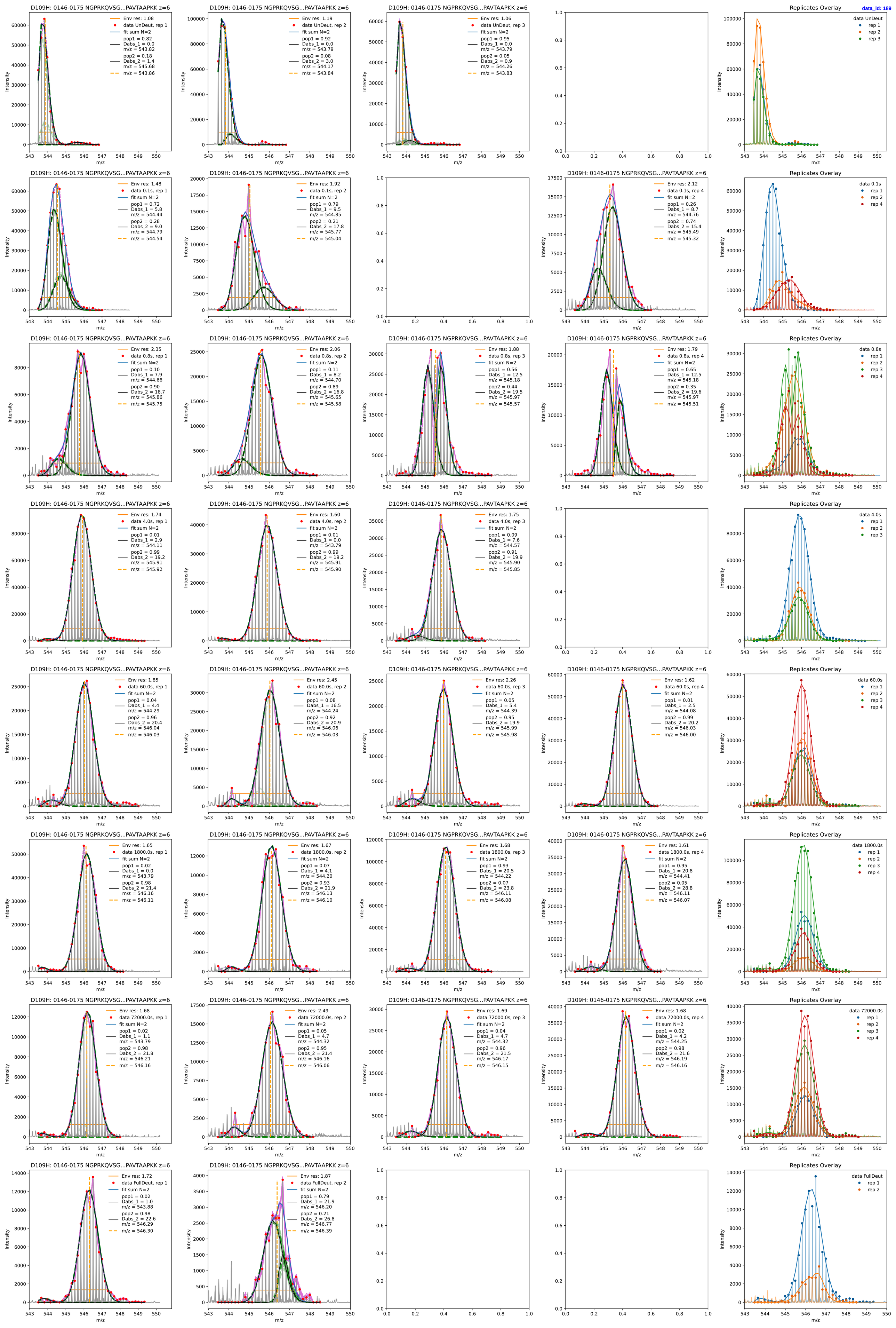

data_id: 183
D109H: 0144-0160 TVNGPRKQVSGPERTIP z=3
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
Replicates Overlay
UnDeut
0.1s, rep1
0.1s, rep2
0.1s, rep4
0.1s
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
0.8s
4.0s, rep1
4.0s, rep2
4.0s, rep3
4.0s
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, rep4
60.0s
1800.0s, rep1
1800.0s, rep2
1800.0s, rep3
1800.0s, rep4
1800.0s
72000.0s, rep1
72000.0s, rep2
72000.0s, rep3
72000.0s, rep4
72000.0s
FullDeut, rep1
FullDeut, rep2
FullDeut
pop0
pop1
Centroid
1_pop0
1_pop1
2_pop0
2_pop1
3_pop0
3_pop1
4_pop0
4_pop1
population
Absolute Deuterium Level (Da)

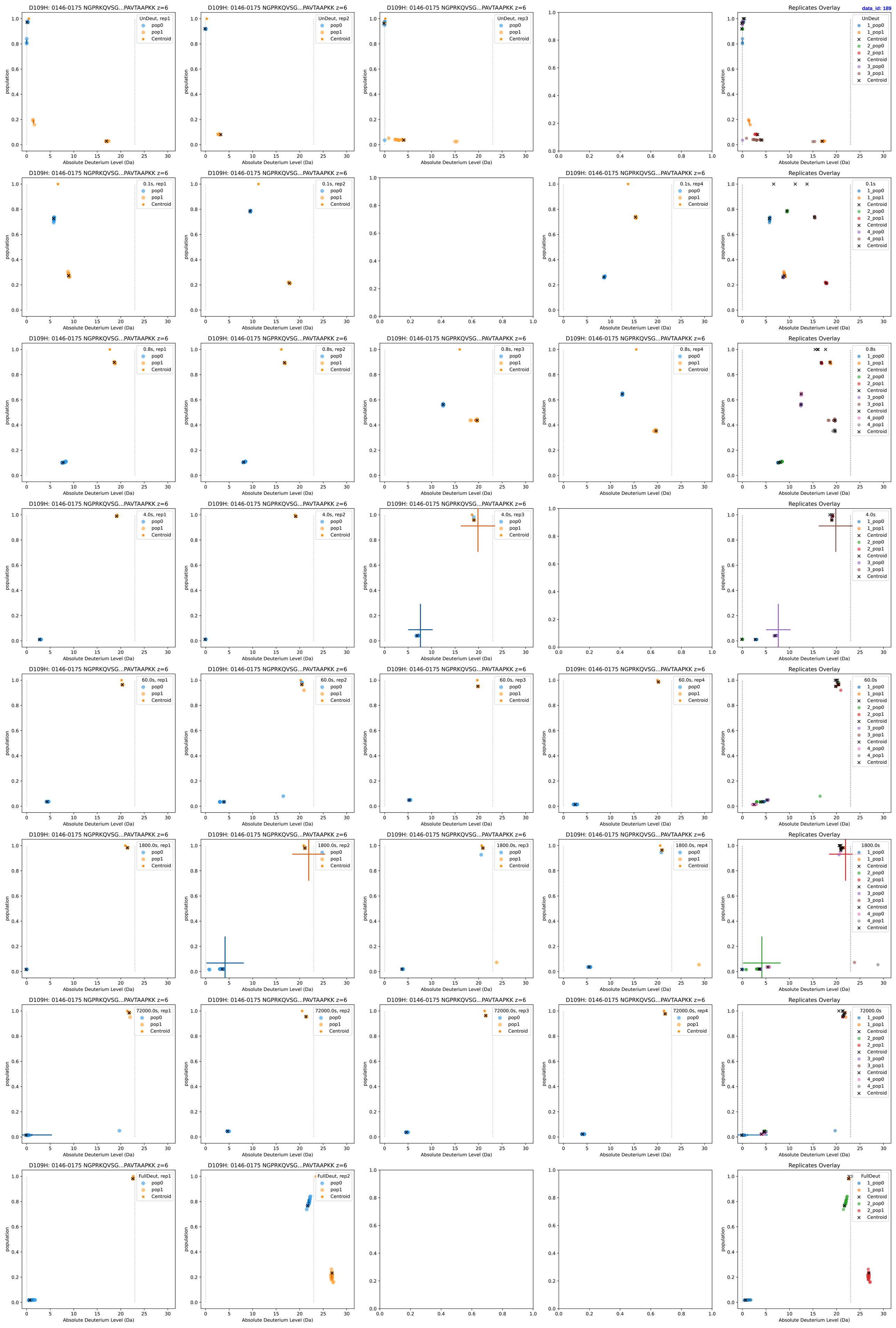

D109H: 0144-0160 TVNGPRKQVSGPERTIP z=3
data_id: 183
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4

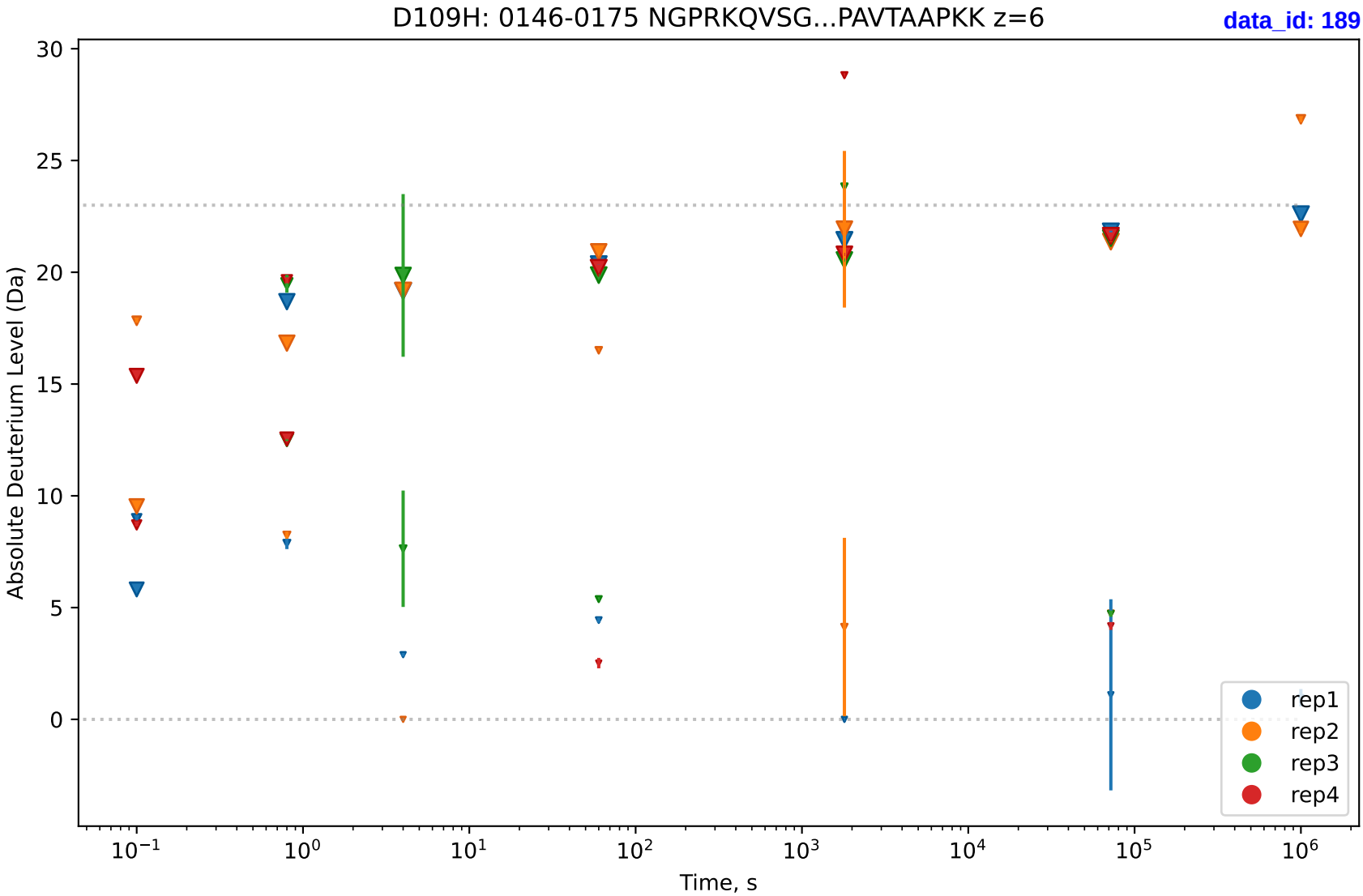

data_id: 186
D109H: 0144-0175 TVNGPRKQV...PAVTAAPKK z=5
Env res: 1.18
data UnDeut, rep 1
fit sum N=2
pop1 = 0.89
Dabs_1 = 0.0
m/z = 692.40
pop2 = 0.11
Dabs_2 = 3.2
m/z = 692.90
m/z = 692.45
Env res: 1.26
data UnDeut, rep 2
pop1 = 0.87
Dabs_1 = 0.0
m/z = 692.40
pop2 = 0.13
Dabs_2 = 3.0
m/z = 692.90
m/z = 692.45
Env res: 1.18
data UnDeut, rep 3
pop1 = 0.87
Dabs_1 = 0.0
m/z = 692.40
pop2 = 0.13
Dabs_2 = 3.9
m/z = 692.95
m/z = 692.45
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 1.64
data 0.1s, rep 1
pop1 = 0.25
Dabs_1 = 3.4
m/z = 692.83
pop2 = 0.75
Dabs_2 = 9.0
m/z = 693.53
m/z = 693.37
Env res: 2.03
data 0.1s, rep 2
pop1 = 0.54
Dabs_1 = 9.3
m/z = 693.57
pop2 = 0.46
Dabs_2 = 15.7
m/z = 694.37
m/z = 693.94
Env res: 2.37
data 0.1s, rep 3
pop1 = 0.34
Dabs_1 = 7.0
m/z = 693.27
pop2 = 0.66
Dabs_2 = 14.9
m/z = 694.26
m/z = 693.95
Env res: 1.99
data 0.1s, rep 4
pop1 = 0.18
Dabs_1 = 10.1
m/z = 693.67
pop2 = 0.82
Dabs_2 = 16.8
m/z = 694.51
m/z = 694.36
data 0.1s
rep 1
rep 2
rep 3
rep 4
Env res: 1.85
data 0.8s, rep 1
pop1 = 0.03
Dabs_1 = 8.3
m/z = 693.44
pop2 = 0.97
Dabs_2 = 20.1
m/z = 694.93
m/z = 694.87
Env res: 1.90
data 0.8s, rep 2
pop1 = 0.83
Dabs_1 = 17.4
m/z = 694.58
pop2 = 0.17
Dabs_2 = 22.7
m/z = 695.26
m/z = 694.69
Env res: 1.88
data 0.8s, rep 3
pop1 = 0.60
Dabs_1 = 15.0
m/z = 694.28
pop2 = 0.40
Dabs_2 = 21.2
m/z = 695.06
m/z = 694.59
Env res: 1.86
data 0.8s, rep 4
pop1 = 0.37
Dabs_1 = 12.9
m/z = 694.01
pop2 = 0.63
Dabs_2 = 19.2
m/z = 694.82
m/z = 694.52
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 1.77
data 4.0s, rep 1
pop1 = 0.57
Dabs_1 = 17.5
m/z = 694.60
pop2 = 0.43
Dabs_2 = 26.4
m/z = 695.72
m/z = 695.10
Env res: 1.81
data 4.0s, rep 2
pop1 = 0.01
Dabs_1 = 1.0
m/z = 692.52
pop2 = 0.99
Dabs_2 = 21.2
m/z = 695.07
m/z = 695.05
Env res: 1.75
data 4.0s, rep 3
pop1 = 0.49
Dabs_1 = 17.8
m/z = 692.46
pop2 = 0.51
Dabs_2 = 23.9
m/z = 695.04
m/z = 695.03
data 4.0s
rep 1
rep 2
rep 3
Env res: 1.76
data 60.0s, rep 1
pop1 = 0.72
Dabs_1 = 21.3
m/z = 692.43
pop2 = 0.28
Dabs_2 = 26.7
m/z = 695.28
m/z = 695.25
Env res: 1.72
data 60.0s, rep 2
pop1 = 0.56
Dabs_1 = 19.4
m/z = 692.80
pop2 = 0.44
Dabs_2 = 27.2
m/z = 695.28
m/z = 695.26
Env res: 1.73
data 60.0s, rep 3
pop1 = 0.01
Dabs_1 = 0.4
m/z = 692.46
pop2 = 0.99
Dabs_2 = 22.2
m/z = 695.19
m/z = 695.17
Env res: 1.70
data 60.0s, rep 4
pop1 = 0.01
Dabs_1 = 0.8
m/z = 692.50
pop2 = 0.99
Dabs_2 = 22.7
m/z = 695.25
m/z = 695.23
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.79
data 1800.0s, rep 1
pop1 = 0.01
Dabs_1 = 0.0
m/z = 692.40
pop2 = 0.99
Dabs_2 = 24.0
m/z = 695.42
m/z = 695.39
Env res: 1.71
data 1800.0s, rep 2
pop1 = 0.40
Dabs_1 = 20.1
m/z = 692.54
pop2 = 0.60
Dabs_2 = 26.0
m/z = 695.37
m/z = 695.35
Env res: 1.76
data 1800.0s, rep 3
pop1 = 0.01
Dabs_1 = 0.9
m/z = 692.51
pop2 = 0.99
Dabs_2 = 23.3
m/z = 695.33
m/z = 695.31
Env res: 1.69
data 1800.0s, rep 4
pop1 = 0.11
Dabs_1 = 18.8
m/z = 692.52
pop2 = 0.89
Dabs_2 = 24.2
m/z = 695.36
m/z = 695.34
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.73
data 72000.0s, rep 1
pop1 = 0.01
Dabs_1 = 0.7
m/z = 692.49
pop2 = 0.99
Dabs_2 = 24.4
m/z = 695.46
m/z = 695.43
Env res: 1.71
data 72000.0s, rep 2
pop1 = 0.01
Dabs_1 = 1.6
m/z = 692.60
pop2 = 0.99
Dabs_2 = 24.3
m/z = 695.45
m/z = 695.42
Env res: 1.70
data 72000.0s, rep 3
pop1 = 0.01
Dabs_1 = 1.1
m/z = 692.54
pop2 = 0.99
Dabs_2 = 24.0
m/z = 695.42
m/z = 695.40
Env res: 1.75
data 72000.0s, rep 4
pop1 = 0.01
Dabs_1 = 1.4
m/z = 692.57
pop2 = 0.99
Dabs_2 = 24.2
m/z = 695.43
m/z = 695.41
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.85
data FullDeut, rep 1
pop1 = 0.01
Dabs_1 = 2.5
m/z = 692.72
pop2 = 0.99
Dabs_2 = 25.1
m/z = 695.56
m/z = 695.55
data FullDeut
rep 1
Intensity
m/z

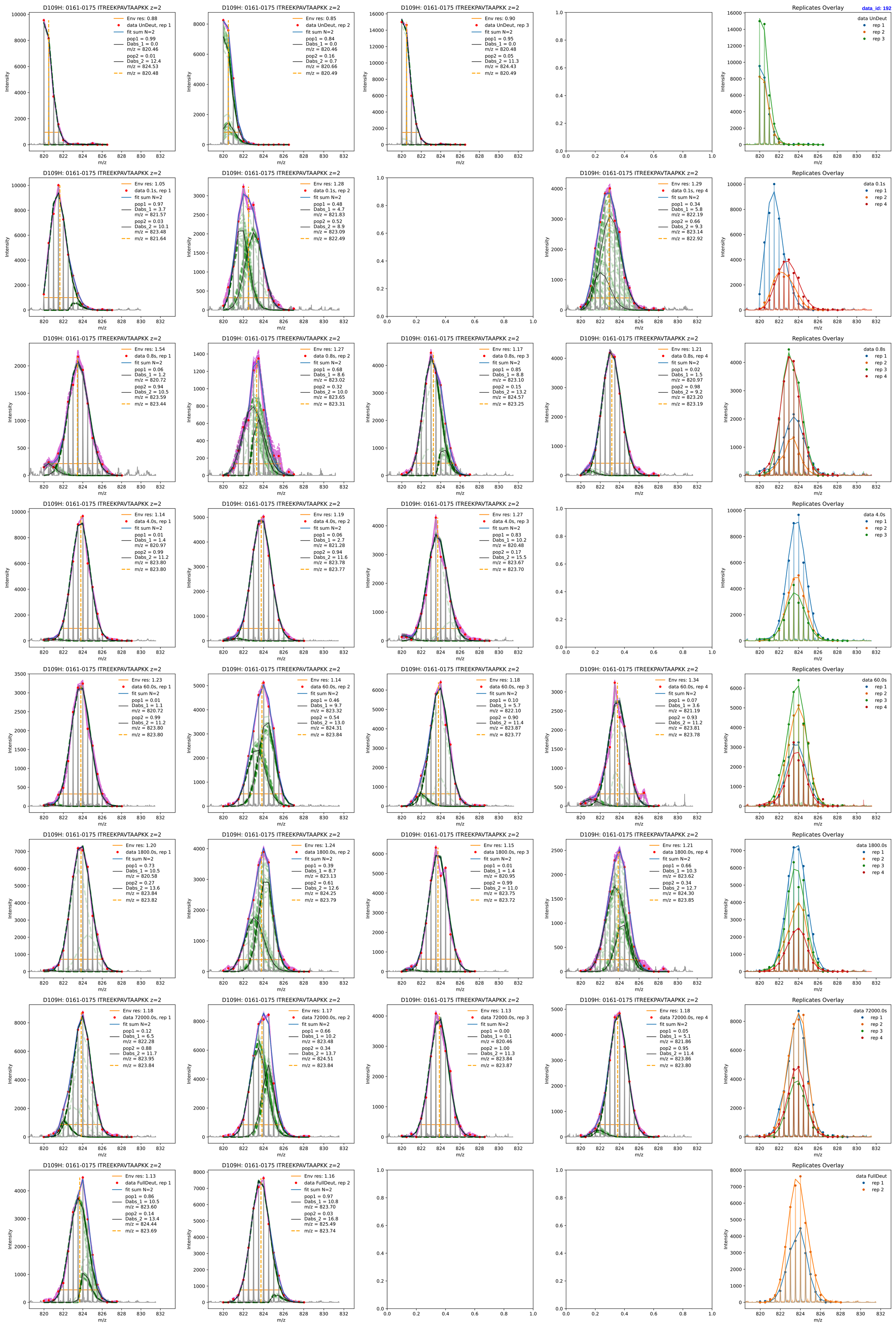

data_id: 186
D109H: 0144-0175 TVNGPRKQV...PAVTAAPKK z=5
Replicates Overlay
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
UnDeut
0.1s, rep1
0.1s, rep2
0.1s, rep3
0.1s, rep4
0.1s
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
0.8s
4.0s, rep1
4.0s, rep2
4.0s, rep3
4.0s
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, rep4
60.0s
1800.0s, rep1
1800.0s, rep2
1800.0s, rep3
1800.0s, rep4
1800.0s
72000.0s, rep1
72000.0s, rep2
72000.0s, rep3
72000.0s, rep4
72000.0s
FullDeut, rep1
FullDeut
pop0
pop1
Centroid
1_pop0
1_pop1
2_pop0
2_pop1
3_pop0
3_pop1
4_pop0
4_pop1
population
Absolute Deuterium Level (Da)

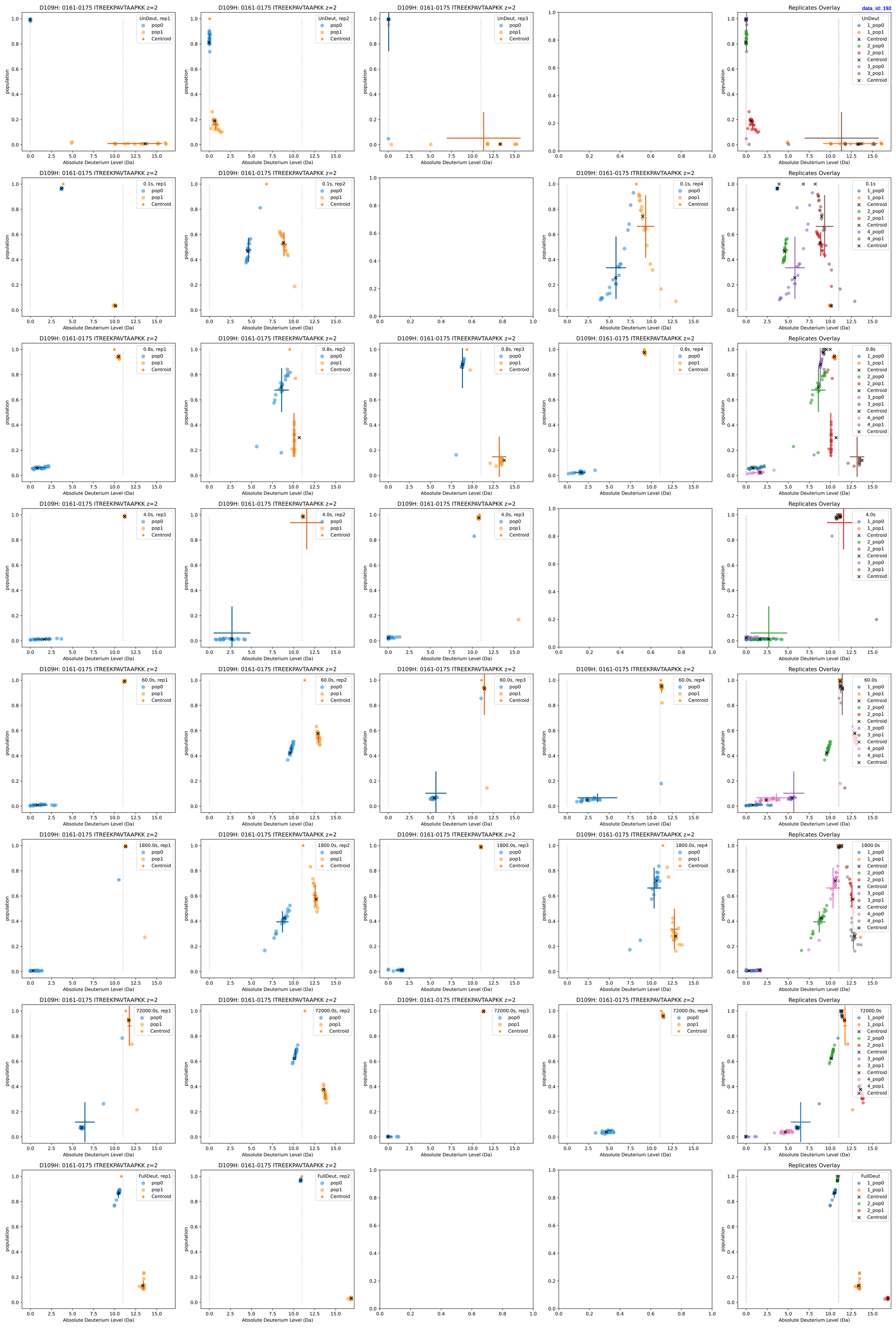

D109H: 0144-0175 TVNGPRKQV...PAVTAAPKK z=5
data_id: 186
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4

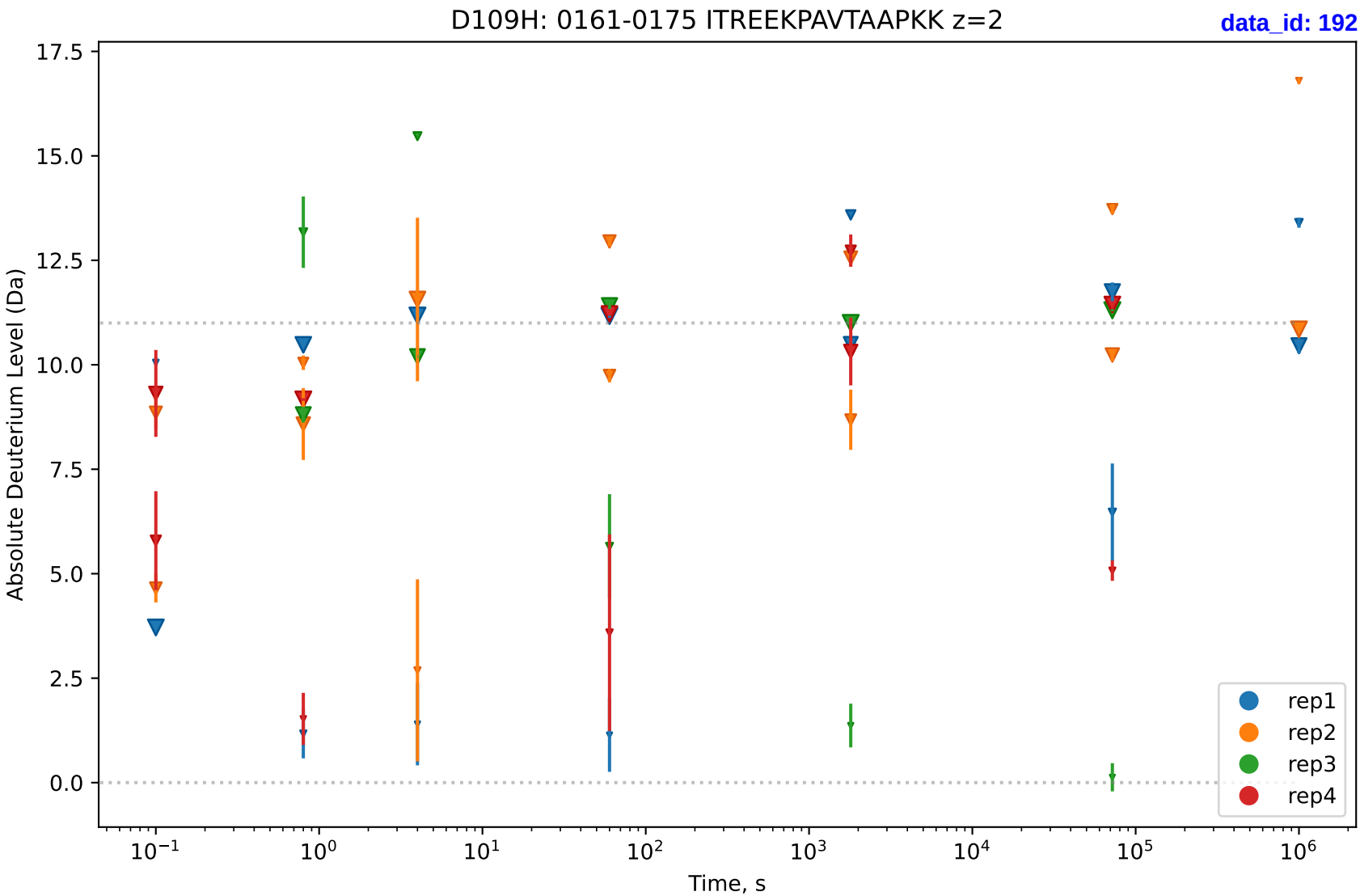

data_id: 189
D109H: 0146-0175 NGPRKQVSG...PAVTAAPKK z=6
Env res: 1.08
data UnDeut, rep 1
fit sum N=2
pop1 = 0.82
Dabs_1 = 0.0
m/z = 543.82
pop2 = 0.18
Dabs_2 = 1.4
m/z = 545.68
m/z = 543.86
Env res: 1.19
data UnDeut, rep 2
pop1 = 0.92
Dabs_1 = 0.0
m/z = 543.79
pop2 = 0.08
Dabs_2 = 3.0
m/z = 544.17
m/z = 543.84
Env res: 1.06
data UnDeut, rep 3
pop1 = 0.95
Dabs_1 = 0.0
m/z = 543.79
pop2 = 0.05
Dabs_2 = 0.9
m/z = 544.26
m/z = 543.83
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 1.48
data 0.1s, rep 1
pop1 = 0.72
Dabs_1 = 5.8
m/z = 544.44
pop2 = 0.28
Dabs_2 = 9.0
m/z = 544.79
m/z = 544.54
Env res: 1.92
data 0.1s, rep 2
pop1 = 0.79
Dabs_1 = 9.5
m/z = 544.85
pop2 = 0.21
Dabs_2 = 17.8
m/z = 545.77
m/z = 545.04
Env res: 2.12
data 0.1s, rep 4
pop1 = 0.26
Dabs_1 = 8.7
m/z = 544.76
pop2 = 0.74
Dabs_2 = 15.4
m/z = 545.49
m/z = 545.32
data 0.1s
rep 1
rep 2
rep 4
Env res: 2.35
data 0.8s, rep 1
pop1 = 0.10
Dabs_1 = 7.9
m/z = 544.66
pop2 = 0.90
Dabs_2 = 18.7
m/z = 545.86
m/z = 545.75
Env res: 2.06
data 0.8s, rep 2
pop1 = 0.11
Dabs_1 = 8.2
m/z = 544.70
pop2 = 0.89
Dabs_2 = 16.8
m/z = 545.65
m/z = 545.58
Env res: 1.88
data 0.8s, rep 3
pop1 = 0.56
Dabs_1 = 12.5
m/z = 545.18
pop2 = 0.44
Dabs_2 = 19.5
m/z = 545.97
m/z = 545.57
Env res: 1.79
data 0.8s, rep 4
pop1 = 0.65
Dabs_1 = 12.5
m/z = 545.18
pop2 = 0.35
Dabs_2 = 19.6
m/z = 545.97
m/z = 545.51
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 1.74
data 4.0s, rep 1
pop1 = 0.01
Dabs_1 = 2.9
m/z = 544.11
pop2 = 0.99
Dabs_2 = 19.2
m/z = 545.91
m/z = 545.92
Env res: 1.60
data 4.0s, rep 2
pop1 = 0.01
Dabs_1 = 0.0
m/z = 543.79
pop2 = 0.99
Dabs_2 = 19.2
m/z = 545.91
m/z = 545.90
Env res: 1.75
data 4.0s, rep 3
pop1 = 0.09
Dabs_1 = 7.6
m/z = 544.57
pop2 = 0.91
Dabs_2 = 19.9
m/z = 545.90
m/z = 545.85
data 4.0s
rep 1
rep 2
rep 3
Env res: 1.85
data 60.0s, rep 1
pop1 = 0.04
Dabs_1 = 4.4
m/z = 544.29
pop2 = 0.96
Dabs_2 = 20.4
m/z = 546.04
m/z = 546.03
Env res: 2.45
data 60.0s, rep 2
pop1 = 0.08
Dabs_1 = 16.5
m/z = 544.24
pop2 = 0.92
Dabs_2 = 20.9
m/z = 546.06
m/z = 546.03
Env res: 2.26
data 60.0s, rep 3
pop1 = 0.05
Dabs_1 = 5.4
m/z = 544.39
pop2 = 0.95
Dabs_2 = 19.9
m/z = 545.99
m/z = 545.98
Env res: 1.62
data 60.0s, rep 4
pop1 = 0.01
Dabs_1 = 2.5
m/z = 544.08
pop2 = 0.99
Dabs_2 = 20.2
m/z = 546.03
m/z = 546.00
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.65
data 1800.0s, rep 1
pop1 = 0.02
Dabs_1 = 0.0
m/z = 543.79
pop2 = 0.98
Dabs_2 = 21.4
m/z = 546.16
m/z = 546.11
Env res: 1.67
data 1800.0s, rep 2
pop1 = 0.07
Dabs_1 = 4.1
m/z = 544.20
pop2 = 0.93
Dabs_2 = 21.9
m/z = 546.13
m/z = 546.10
Env res: 1.68
data 1800.0s, rep 3
pop1 = 0.93
Dabs_1 = 20.5
m/z = 544.22
pop2 = 0.07
Dabs_2 = 23.8
m/z = 546.11
m/z = 546.08
Env res: 1.61
data 1800.0s, rep 4
pop1 = 0.95
Dabs_1 = 20.8
m/z = 544.41
pop2 = 0.05
Dabs_2 = 28.8
m/z = 546.11
m/z = 546.07
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.68
data 72000.0s, rep 1
pop1 = 0.02
Dabs_1 = 1.1
m/z = 543.79
pop2 = 0.98
Dabs_2 = 21.8
m/z = 546.21
m/z = 546.16
Env res: 2.49
data 72000.0s, rep 2
pop1 = 0.05
Dabs_1 = 4.7
m/z = 544.32
pop2 = 0.95
Dabs_2 = 21.4
m/z = 546.16
m/z = 546.06
Env res: 1.69
data 72000.0s, rep 3
pop1 = 0.04
Dabs_1 = 4.7
m/z = 544.32
pop2 = 0.96
Dabs_2 = 21.5
m/z = 546.17
m/z = 546.15
Env res: 1.68
data 72000.0s, rep 4
pop1 = 0.02
Dabs_1 = 4.2
m/z = 544.25
pop2 = 0.98
Dabs_2 = 21.6
m/z = 546.19
m/z = 546.16
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.72
data FullDeut, rep 1
pop1 = 0.02
Dabs_1 = 1.0
m/z = 543.88
pop2 = 0.98
Dabs_2 = 22.6
m/z = 546.29
m/z = 546.30
Env res: 1.87
data FullDeut, rep 2
pop1 = 0.79
Dabs_1 = 21.9
m/z = 546.20
pop2 = 0.21
Dabs_2 = 26.8
m/z = 546.77
m/z = 546.39
data FullDeut
rep 1
rep 2
Intensity
m/z


data_id: 189
D109H: 0146-0175 NGPRKQVSG...PAVTAAPKK z=6
Replicates Overlay
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
UnDeut
0.1s, rep1
0.1s, rep2
0.1s, rep4
0.1s
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
0.8s
4.0s, rep1
4.0s, rep2
4.0s, rep3
4.0s
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, rep4
60.0s
1800.0s, rep1
1800.0s, rep2
1800.0s, rep3
1800.0s, rep4
1800.0s
72000.0s, rep1
72000.0s, rep2
72000.0s, rep3
72000.0s, rep4
72000.0s
FullDeut, rep1
FullDeut, rep2
FullDeut
pop0
pop1
Centroid
1_pop0
1_pop1
2_pop0
2_pop1
3_pop0
3_pop1
4_pop0
4_pop1
population
Absolute Deuterium Level (Da)


D109H: 0146-0175 NGPRKQVSG...PAVTAAPKK z=6
data_id: 189
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4


data_id: 192
D109H: 0161-0175 ITREEKPAVTAAPKK z=2
Env res: 0.88
data UnDeut, rep 1
fit sum N=2
pop1 = 0.99
Dabs_1 = 0.0
m/z = 820.46
pop2 = 0.01
Dabs_2 = 12.4
m/z = 824.53
m/z = 820.48
Env res: 0.85
data UnDeut, rep 2
fit sum N=2
pop1 = 0.84
Dabs_1 = 0.0
m/z = 820.46
pop2 = 0.16
Dabs_2 = 0.7
m/z = 820.66
m/z = 820.49
Env res: 0.90
data UnDeut, rep 3
fit sum N=2
pop1 = 0.95
Dabs_1 = 0.0
m/z = 820.48
pop2 = 0.05
Dabs_2 = 11.3
m/z = 824.43
m/z = 820.49
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 1.05
data 0.1s, rep 1
fit sum N=2
pop1 = 0.97
Dabs_1 = 3.7
m/z = 821.57
pop2 = 0.03
Dabs_2 = 10.1
m/z = 823.48
m/z = 821.64
Env res: 1.28
data 0.1s, rep 2
fit sum N=2
pop1 = 0.48
Dabs_1 = 4.7
m/z = 821.83
pop2 = 0.52
Dabs_2 = 8.9
m/z = 823.09
m/z = 822.49
Env res: 1.29
data 0.1s, rep 4
fit sum N=2
pop1 = 0.34
Dabs_1 = 5.8
m/z = 822.19
pop2 = 0.66
Dabs_2 = 9.3
m/z = 823.14
m/z = 822.92
data 0.1s
rep 1
rep 2
rep 4
Env res: 1.54
data 0.8s, rep 1
fit sum N=2
pop1 = 0.06
Dabs_1 = 1.2
m/z = 820.72
pop2 = 0.94
Dabs_2 = 10.5
m/z = 823.59
m/z = 823.44
Env res: 1.27
data 0.8s, rep 2
fit sum N=2
pop1 = 0.68
Dabs_1 = 8.6
m/z = 823.02
pop2 = 0.32
Dabs_2 = 10.0
m/z = 823.65
m/z = 823.31
Env res: 1.17
data 0.8s, rep 3
fit sum N=2
pop1 = 0.85
Dabs_1 = 8.8
m/z = 823.10
pop2 = 0.15
Dabs_2 = 13.2
m/z = 824.57
m/z = 823.25
Env res: 1.21
data 0.8s, rep 4
fit sum N=2
pop1 = 0.02
Dabs_1 = 1.5
m/z = 820.97
pop2 = 0.98
Dabs_2 = 9.2
m/z = 823.20
m/z = 823.19
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 1.14
data 4.0s, rep 1
fit sum N=2
pop1 = 0.01
Dabs_1 = 1.4
m/z = 820.97
pop2 = 0.99
Dabs_2 = 11.2
m/z = 823.80
m/z = 823.80
Env res: 1.19
data 4.0s, rep 2
fit sum N=2
pop1 = 0.06
Dabs_1 = 2.7
m/z = 821.28
pop2 = 0.94
Dabs_2 = 11.6
m/z = 823.78
m/z = 823.77
Env res: 1.27
data 4.0s, rep 3
fit sum N=2
pop1 = 0.83
Dabs_1 = 10.2
m/z = 820.48
pop2 = 0.17
Dabs_2 = 15.5
m/z = 823.67
m/z = 823.70
data 4.0s
rep 1
rep 2
rep 3
Env res: 1.23
data 60.0s, rep 1
fit sum N=2
pop1 = 0.01
Dabs_1 = 1.1
m/z = 820.72
pop2 = 0.99
Dabs_2 = 11.2
m/z = 823.80
m/z = 823.80
Env res: 1.14
data 60.0s, rep 2
fit sum N=2
pop1 = 0.46
Dabs_1 = 9.7
m/z = 823.32
pop2 = 0.54
Dabs_2 = 13.0
m/z = 824.31
m/z = 823.84
Env res: 1.18
data 60.0s, rep 3
fit sum N=2
pop1 = 0.10
Dabs_1 = 5.7
m/z = 822.10
pop2 = 0.90
Dabs_2 = 11.4
m/z = 823.87
m/z = 823.77
Env res: 1.34
data 60.0s, rep 4
fit sum N=2
pop1 = 0.07
Dabs_1 = 3.6
m/z = 821.19
pop2 = 0.93
Dabs_2 = 11.2
m/z = 823.81
m/z = 823.78
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.20
data 1800.0s, rep 1
fit sum N=2
pop1 = 0.73
Dabs_1 = 10.5
m/z = 820.58
pop2 = 0.27
Dabs_2 = 13.6
m/z = 823.84
m/z = 823.82
Env res: 1.24
data 1800.0s, rep 2
fit sum N=2
pop1 = 0.39
Dabs_1 = 8.7
m/z = 823.13
pop2 = 0.61
Dabs_2 = 12.6
m/z = 824.25
m/z = 823.79
Env res: 1.15
data 1800.0s, rep 3
fit sum N=2
pop1 = 0.01
Dabs_1 = 1.4
m/z = 820.95
pop2 = 0.99
Dabs_2 = 11.0
m/z = 823.75
m/z = 823.72
Env res: 1.21
data 1800.0s, rep 4
fit sum N=2
pop1 = 0.66
Dabs_1 = 10.3
m/z = 823.62
pop2 = 0.34
Dabs_2 = 12.7
m/z = 824.30
m/z = 823.85
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.18
data 72000.0s, rep 1
fit sum N=2
pop1 = 0.12
Dabs_1 = 6.5
m/z = 822.28
pop2 = 0.88
Dabs_2 = 11.7
m/z = 823.95
m/z = 823.84
Env res: 1.17
data 72000.0s, rep 2
fit sum N=2
pop1 = 0.66
Dabs_1 = 10.2
m/z = 823.48
pop2 = 0.34
Dabs_2 = 13.7
m/z = 824.51
m/z = 823.84
Env res: 1.13
data 72000.0s, rep 3
fit sum N=2
pop1 = 0.00
Dabs_1 = 0.1
m/z = 820.46
pop2 = 1.00
Dabs_2 = 11.3
m/z = 823.84
m/z = 823.87
Env res: 1.18
data 72000.0s, rep 4
fit sum N=2
pop1 = 0.05
Dabs_1 = 5.1
m/z = 821.86
pop2 = 0.95
Dabs_2 = 11.4
m/z = 823.86
m/z = 823.80
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.13
data FullDeut, rep 1
fit sum N=2
pop1 = 0.86
Dabs_1 = 10.5
m/z = 823.60
pop2 = 0.14
Dabs_2 = 13.4
m/z = 824.44
m/z = 823.69
Env res: 1.16
data FullDeut, rep 2
fit sum N=2
pop1 = 0.97
Dabs_1 = 10.8
m/z = 823.70
pop2 = 0.03
Dabs_2 = 16.8
m/z = 825.49
m/z = 823.74
data FullDeut
rep 1
rep 2
Intensity
m/z


data_id: 192
D109H: 0161-0175 ITREEKPAVTAAPKK z=2
Replicates Overlay
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
UnDeut
0.1s, rep1
0.1s, rep2
0.1s, rep4
0.1s
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
0.8s
4.0s, rep1
4.0s, rep2
4.0s, rep3
4.0s
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, rep4
60.0s
1800.0s, rep1
1800.0s, rep2
1800.0s, rep3
1800.0s, rep4
1800.0s
72000.0s, rep1
72000.0s, rep2
72000.0s, rep3
72000.0s, rep4
72000.0s
FullDeut, rep1
FullDeut, rep2
FullDeut
pop0
pop1
Centroid
1_pop0
1_pop1
2_pop0
2_pop1
3_pop0
3_pop1
4_pop0
4_pop1
population
Absolute Deuterium Level (Da)


D109H: 0161-0175 ITREEKPAVTAAPKK z=2
data_id: 192
Absolute Deuterium Level (Da)
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
10^{-1}
10^{0}
10^{1}
10^{2}
10^{3}
10^{4}
10^{5}
10^{6}
Time, s
rep1
rep2
rep3
rep4