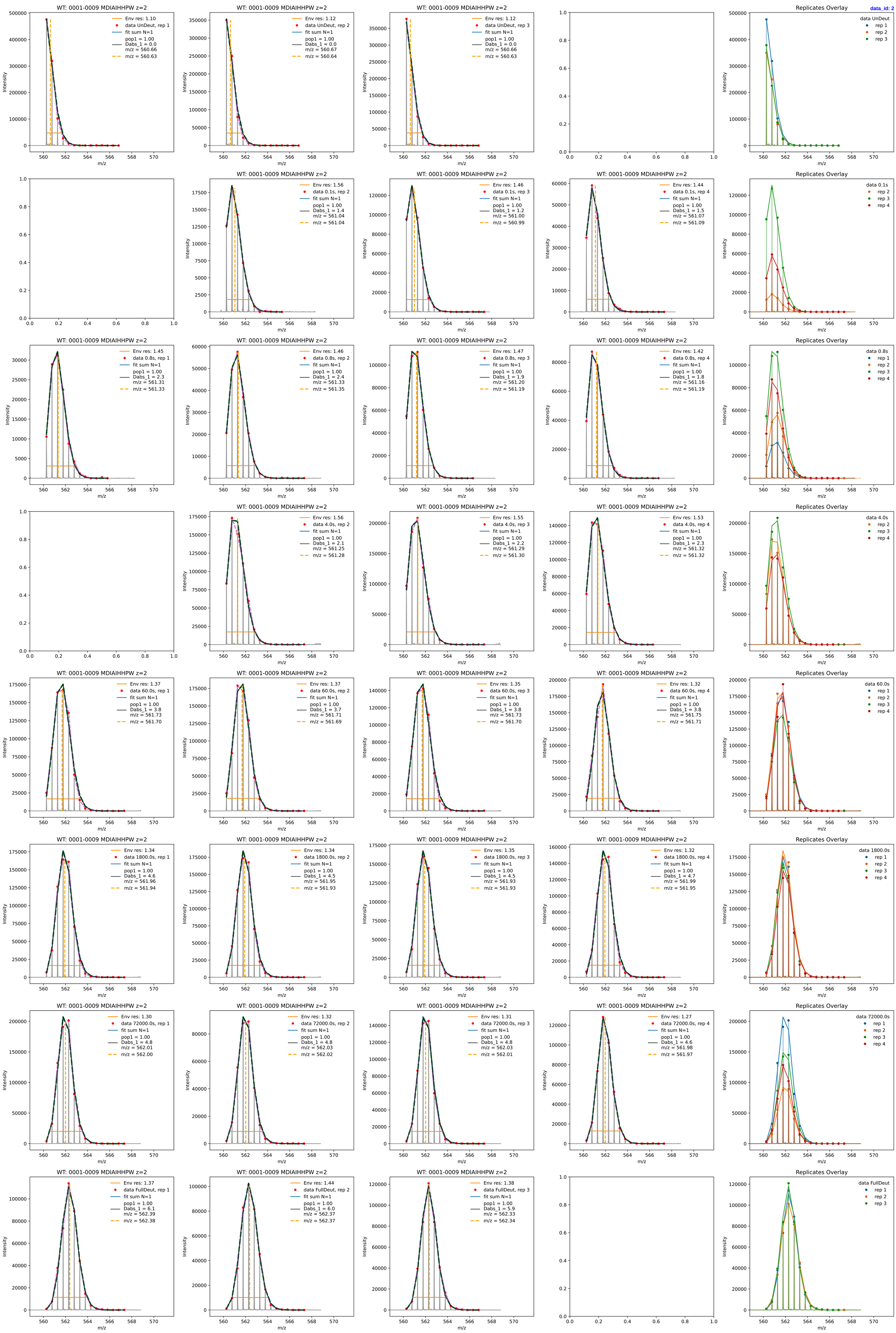
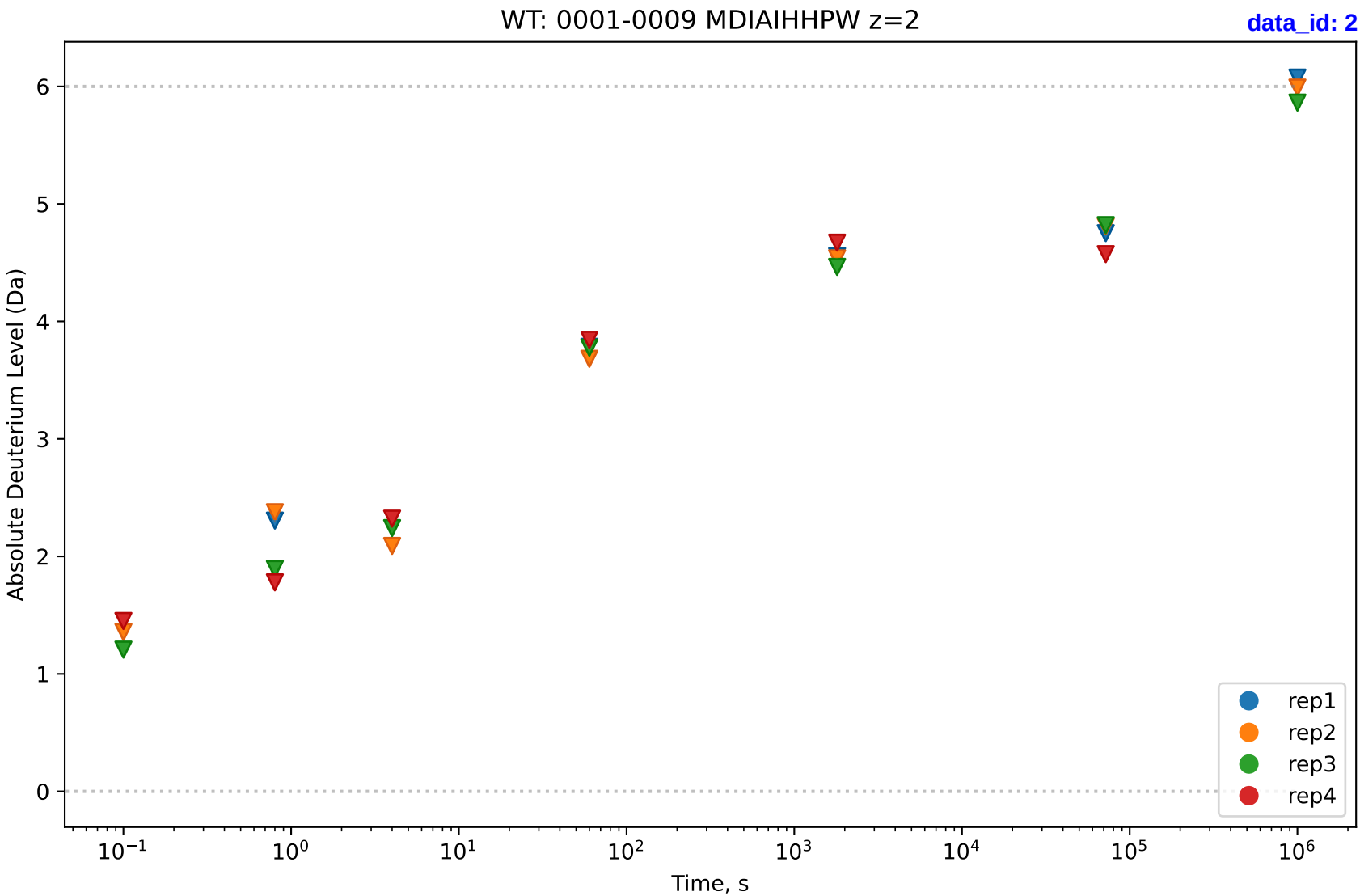
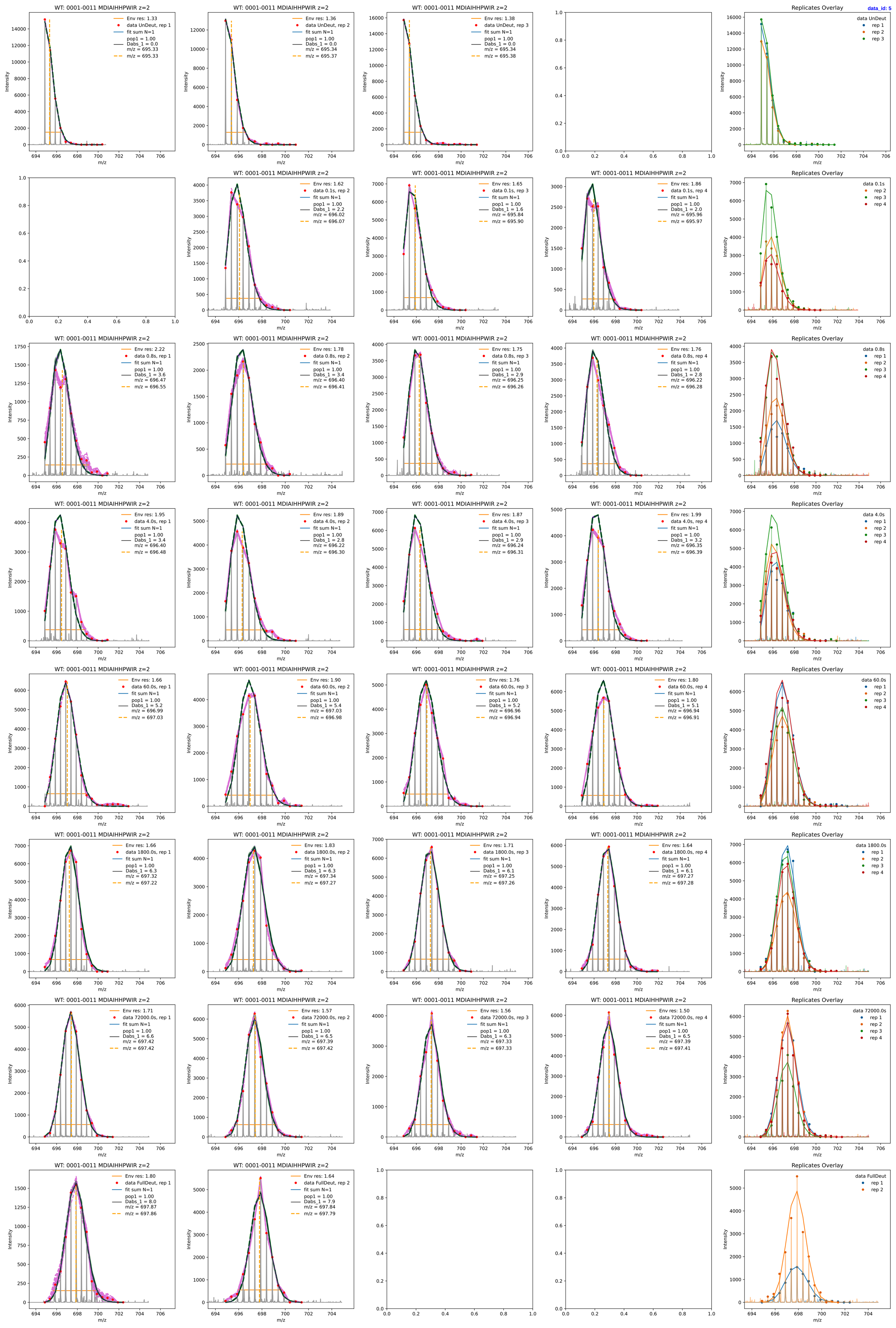
data_id: 2


WT: 0001-0009 MDIAIHHPW z=2
Env res: 1.10
data UnDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.0
m/z = 560.66
m/z = 560.63
Env res: 1.12
data UnDeut, rep 2
m/z = 560.67
m/z = 560.64
Env res: 1.12
data UnDeut, rep 3
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 1.56
data 0.1s, rep 2
Dabs_1 = 1.4
m/z = 561.04
Env res: 1.46
data 0.1s, rep 3
Dabs_1 = 1.2
m/z = 561.00
m/z = 560.99
Env res: 1.44
data 0.1s, rep 4
Dabs_1 = 1.5
m/z = 561.07
m/z = 561.09
data 0.1s
rep 2
rep 3
rep 4
Env res: 1.45
data 0.8s, rep 1
Dabs_1 = 2.3
m/z = 561.31
m/z = 561.33
Env res: 1.46
data 0.8s, rep 2
Dabs_1 = 2.4
m/z = 561.33
m/z = 561.35
Env res: 1.47
data 0.8s, rep 3
Dabs_1 = 1.9
m/z = 561.20
m/z = 561.19
Env res: 1.42
data 0.8s, rep 4
Dabs_1 = 1.8
m/z = 561.16
m/z = 561.19
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 1.56
data 4.0s, rep 2
Dabs_1 = 2.1
m/z = 561.25
m/z = 561.28
Env res: 1.55
data 4.0s, rep 3
Dabs_1 = 2.2
m/z = 561.29
m/z = 561.30
Env res: 1.53
data 4.0s, rep 4
Dabs_1 = 2.3
m/z = 561.32
m/z = 561.32
data 4.0s
rep 2
rep 3
rep 4
Env res: 1.37
data 60.0s, rep 1
Dabs_1 = 3.8
m/z = 561.73
m/z = 561.70
Env res: 1.37
data 60.0s, rep 2
Dabs_1 = 3.7
m/z = 561.71
m/z = 561.69
Env res: 1.35
data 60.0s, rep 3
Dabs_1 = 3.8
m/z = 561.73
m/z = 561.70
Env res: 1.32
data 60.0s, rep 4
Dabs_1 = 3.8
m/z = 561.75
m/z = 561.71
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.34
data 1800.0s, rep 1
Dabs_1 = 4.6
m/z = 561.96
m/z = 561.94
Env res: 1.34
data 1800.0s, rep 2
Dabs_1 = 4.5
m/z = 561.95
m/z = 561.93
Env res: 1.35
data 1800.0s, rep 3
Dabs_1 = 4.5
m/z = 561.93
m/z = 561.93
Env res: 1.32
data 1800.0s, rep 4
Dabs_1 = 4.7
m/z = 561.99
m/z = 561.95
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.30
data 72000.0s, rep 1
Dabs_1 = 4.8
m/z = 562.01
m/z = 562.00
Env res: 1.32
data 72000.0s, rep 2
Dabs_1 = 4.8
m/z = 562.03
m/z = 562.02
Env res: 1.31
data 72000.0s, rep 3
Dabs_1 = 4.8
m/z = 562.03
m/z = 562.01
Env res: 1.27
data 72000.0s, rep 4
Dabs_1 = 4.6
m/z = 561.98
m/z = 561.97
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.37
data FullDeut, rep 1
Dabs_1 = 6.1
m/z = 562.39
m/z = 562.38
Env res: 1.44
data FullDeut, rep 2
Dabs_1 = 6.0
m/z = 562.37
m/z = 562.37
Env res: 1.38
data FullDeut, rep 3
Dabs_1 = 5.9
m/z = 562.33
m/z = 562.34
data FullDeut
rep 1
rep 2
rep 3
Intensity
m/z

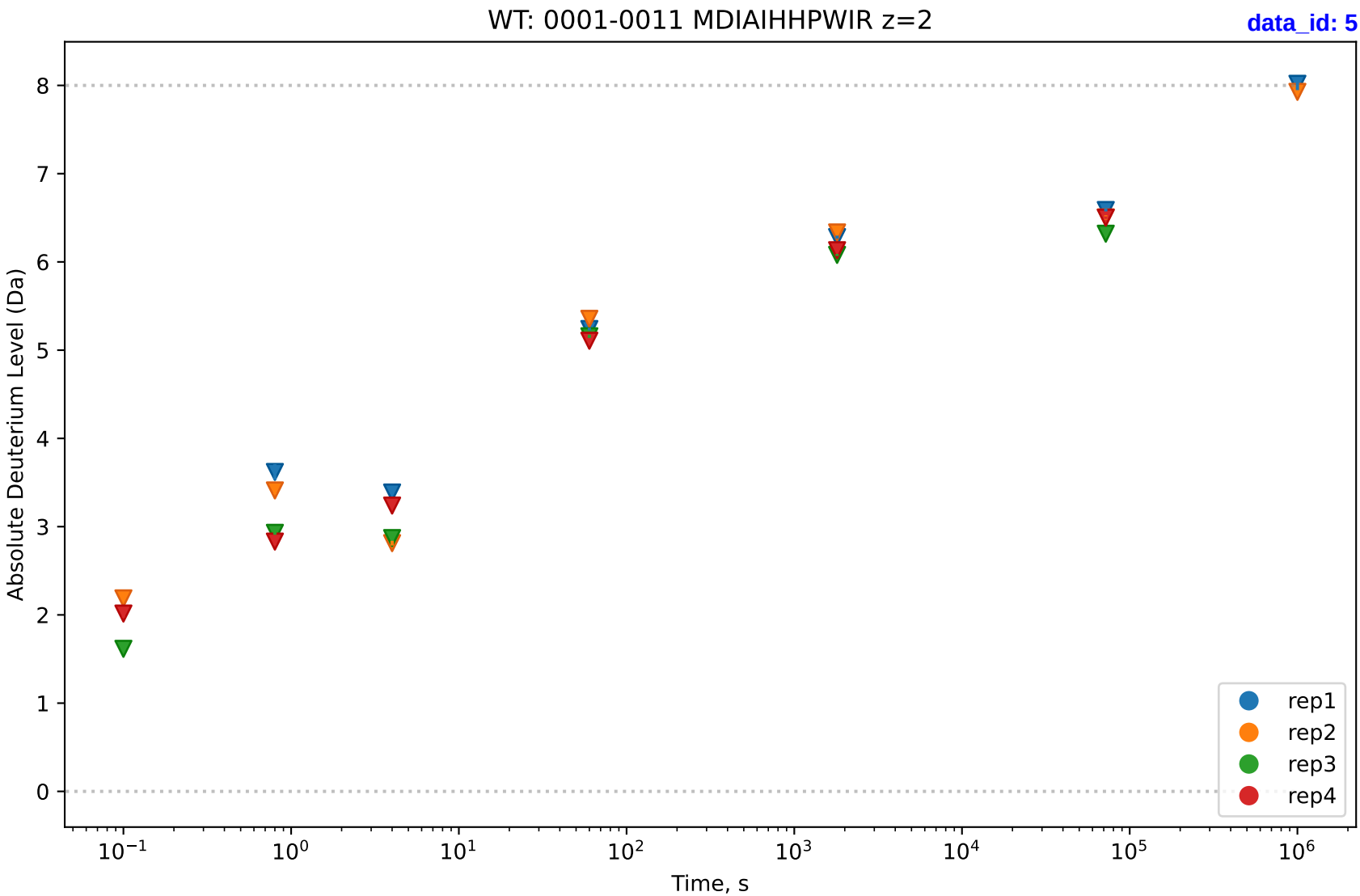
data_id: 2
WT: 0001-0009 MDIAIHHPW z=2
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
Replicates Overlay
UnDeut
0.1s, rep2
0.1s, rep3
0.1s, rep4
0.1s
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
0.8s
4.0s, rep2
4.0s, rep3
4.0s, rep4
4.0s
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, rep4
60.0s
1800.0s, rep1
1800.0s,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

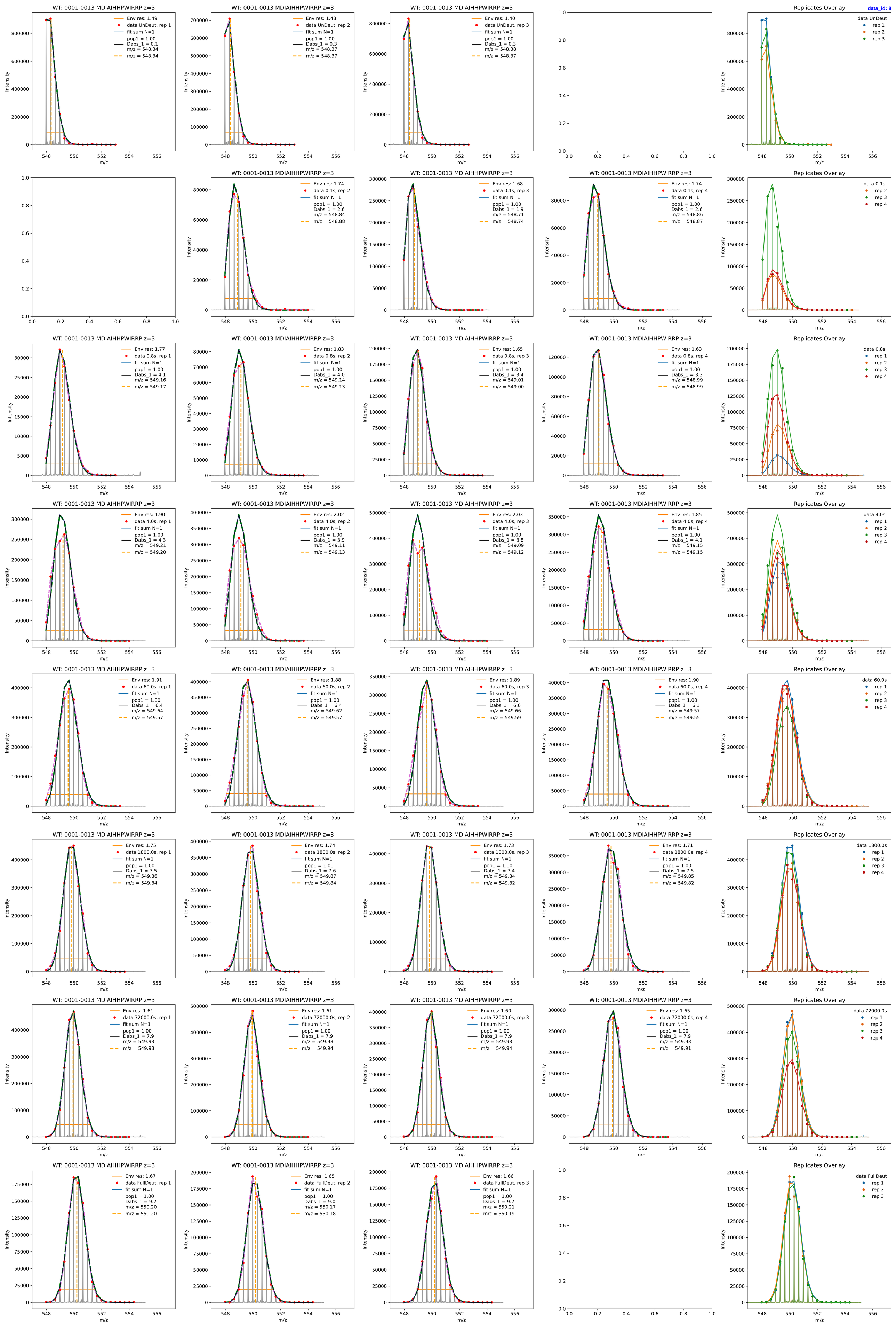

WT: 0001-0009 MDIAIHHPW z=2
data_id: 2
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4

data_id: 5


WT: 0001-0011 MDIAIHHPWIR z=2
Env res: 1.33
data UnDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.0
m/z = 695.33
m/z = 695.33
Env res: 1.36
data UnDeut, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.0
m/z = 695.34
m/z = 695.37
Env res: 1.38
data UnDeut, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.0
m/z = 695.34
m/z = 695.38
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 1.62
data 0.1s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.2
m/z = 696.02
m/z = 696.07
Env res: 1.65
data 0.1s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 1.6
m/z = 695.84
m/z = 695.90
Env res: 1.86
data 0.1s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.0
m/z = 695.96
m/z = 695.97
Replicates Overlay
data 0.1s
rep 2
rep 3
rep 4
Env res: 2.22
data 0.8s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.6
m/z = 696.47
m/z = 696.55
Env res: 1.78
data 0.8s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.4
m/z = 696.40
m/z = 696.41
Env res: 1.75
data 0.8s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.9
m/z = 696.25
m/z = 696.26
Env res: 1.76
data 0.8s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.8
m/z = 696.22
m/z = 696.28
Replicates Overlay
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 1.95
data 4.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.4
m/z = 696.40
m/z = 696.48
Env res: 1.89
data 4.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.8
m/z = 696.22
m/z = 696.30
Env res: 1.87
data 4.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.9
m/z = 696.24
m/z = 696.31
Env res: 1.99
data 4.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.2
m/z = 696.35
m/z = 696.39
Replicates Overlay
data 4.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.66
data 60.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.2
m/z = 696.99
m/z = 697.03
Env res: 1.90
data 60.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.4
m/z = 697.03
m/z = 696.98
Env res: 1.76
data 60.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.2
m/z = 696.96
m/z = 696.94
Env res: 1.80
data 60.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.1
m/z = 696.94
m/z = 696.91
Replicates Overlay
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.66
data 1800.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 6.3
m/z = 697.32
m/z = 697.22
Env res: 1.83
data 1800.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 6.3
m/z = 697.34
m/z = 697.27
Env res: 1.71
data 1800.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 6.1
m/z = 697.25
m/z = 697.26
Env res: 1.64
data 1800.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 6.1
m/z = 697.27
m/z = 697.28
Replicates Overlay
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.71
data 72000.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 6.6
m/z = 697.42
m/z = 697.42
Env res: 1.57
data 72000.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 6.5
m/z = 697.39
m/z = 697.42
Env res: 1.56
data 72000.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 6.3
m/z = 697.33
m/z = 697.33
Env res: 1.50
data 72000.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 6.5
m/z = 697.39
m/z = 697.41
Replicates Overlay
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.80
data FullDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 8.0
m/z = 697.87
m/z = 697.86
Env res: 1.64
data FullDeut, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 7.9
m/z = 697.84
m/z = 697.79
Replicates Overlay
data FullDeut
rep 1
rep 2
Intensity
m/z

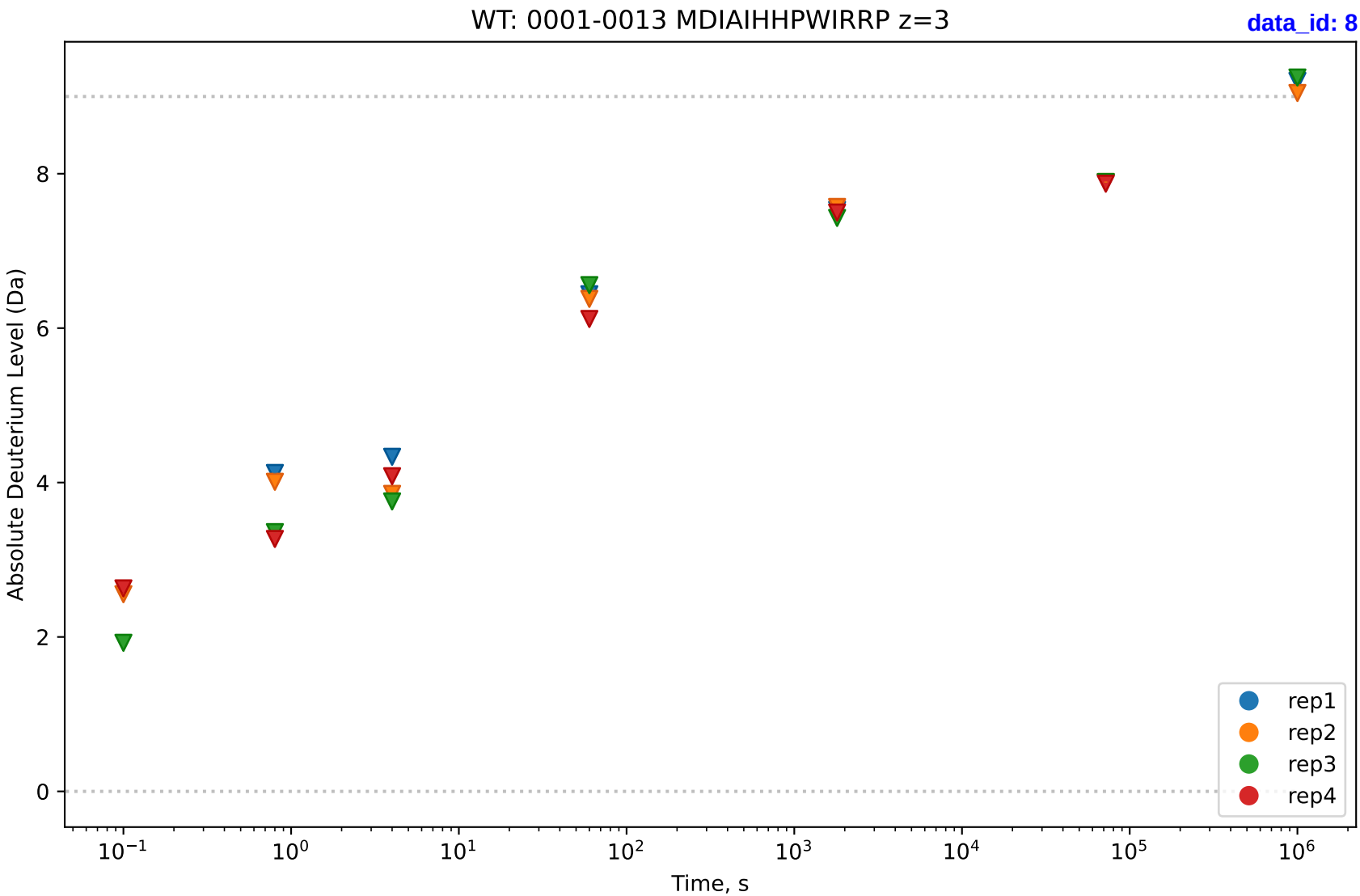
data_id: 5
WT: 0001-0011 MDIAIHHPWIR z=2
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
Replicates Overlay
UnDeut
1_pop0
2_pop0
3_pop0
0.1s, rep2
0.1s, rep3
0.1s, rep4
0.1s
4_pop0
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
0.8s
4.0s, rep1
4.0s, rep2
4.0s, rep3
4.0s, rep4
4.0s
60.0s, rep1
60.0s, rep2
60.0s, 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
Centroid
population
Absolute Deuterium Level (Da)

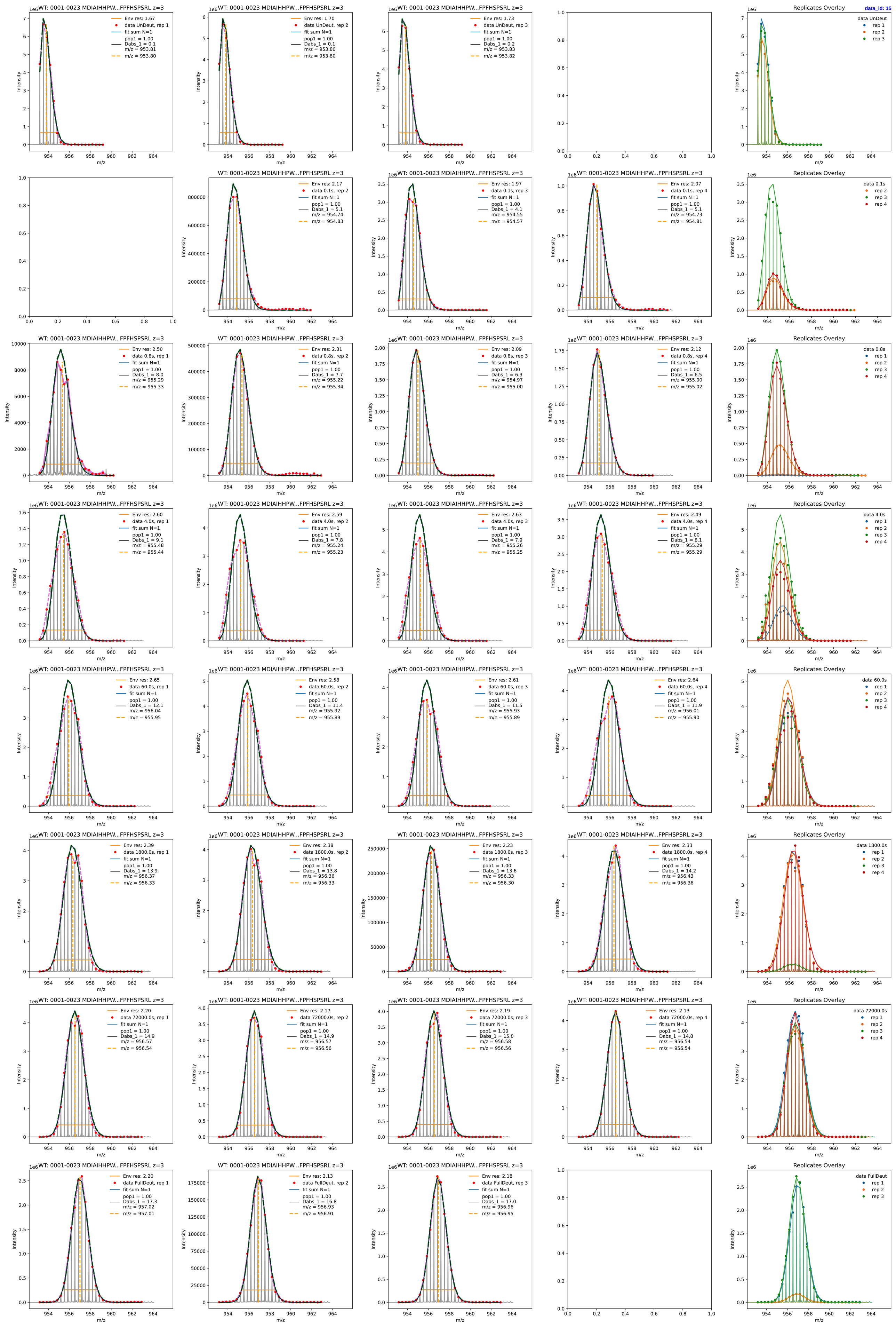

WT: 0001-0011 MDIAIHHPWIR z=2
data_id: 5
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4


data_id: 8
WT: 0001-0013 MDIAIHHPWIRRP z=3
Env res: 1.49
data UnDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.1
m/z = 548.34
m/z = 548.34
Env res: 1.43
data UnDeut, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.3
m/z = 548.37
m/z = 548.37
Env res: 1.40
data UnDeut, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.3
m/z = 548.38
m/z = 548.37
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 1.74
data 0.1s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.6
m/z = 548.84
m/z = 548.88
Env res: 1.68
data 0.1s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 1.9
m/z = 548.71
m/z = 548.74
Env res: 1.74
data 0.1s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.6
m/z = 548.86
m/z = 548.87
data 0.1s
rep 2
rep 3
rep 4
Env res: 1.77
data 0.8s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.1
m/z = 549.16
m/z = 549.17
Env res: 1.83
data 0.8s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.0
m/z = 549.14
m/z = 549.13
Env res: 1.65
data 0.8s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.4
m/z = 549.01
m/z = 549.00
Env res: 1.63
data 0.8s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.3
m/z = 548.99
m/z = 548.99
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 1.90
data 4.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.3
m/z = 549.21
m/z = 549.20
Env res: 2.02
data 4.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.9
m/z = 549.11
m/z = 549.13
Env res: 2.03
data 4.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.8
m/z = 549.09
m/z = 549.12
Env res: 1.85
data 4.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.1
m/z = 549.15
m/z = 549.15
data 4.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.91
data 60.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 6.4
m/z = 549.64
m/z = 549.57
Env res: 1.88
data 60.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 6.4
m/z = 549.62
m/z = 549.57
Env res: 1.89
data 60.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 6.6
m/z = 549.66
m/z = 549.59
Env res: 1.90
data 60.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 6.1
m/z = 549.57
m/z = 549.55
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.75
data 1800.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 7.5
m/z = 549.86
m/z = 549.84
Env res: 1.74
data 1800.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 7.6
m/z = 549.87
m/z = 549.84
Env res: 1.73
data 1800.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 7.4
m/z = 549.84
m/z = 549.82
Env res: 1.71
data 1800.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 7.5
m/z = 549.85
m/z = 549.82
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.61
data 72000.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 7.9
m/z = 549.93
m/z = 549.93
Env res: 1.61
data 72000.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 7.9
m/z = 549.93
m/z = 549.94
Env res: 1.60
data 72000.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 7.9
m/z = 549.93
m/z = 549.94
Env res: 1.65
data 72000.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 7.9
m/z = 549.93
m/z = 549.91
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.67
data FullDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 9.2
m/z = 550.20
m/z = 550.20
Env res: 1.65
data FullDeut, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 9.0
m/z = 550.17
m/z = 550.18
Env res: 1.66
data FullDeut, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 9.2
m/z = 550.21
m/z = 550.19
data FullDeut
rep 1
rep 2
rep 3
Intensity
m/z

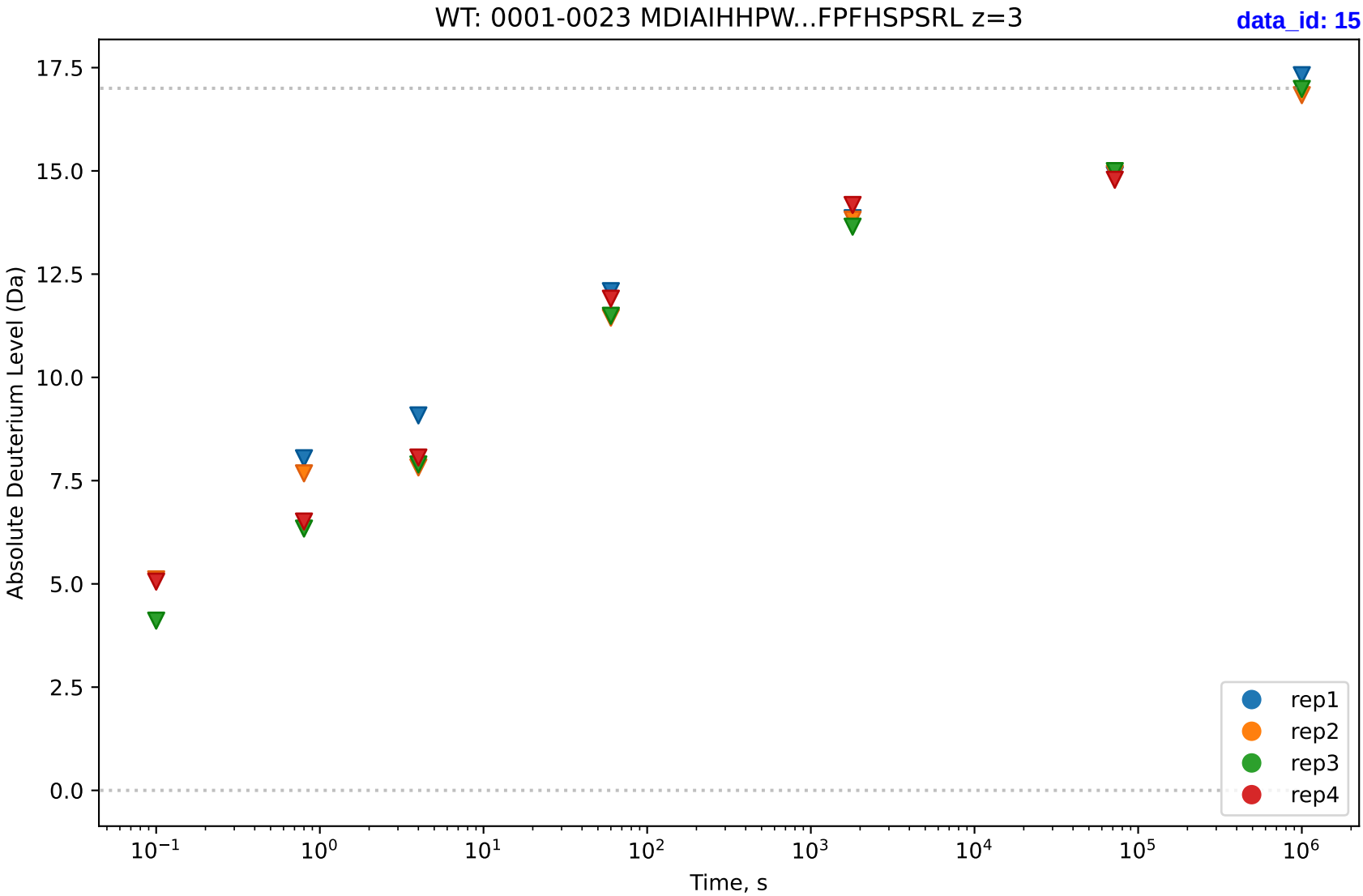
data_id: 8

WT: 0001-0013 MDIAIHHPWIRRP z=3
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
Replicates Overlay
UnDeut
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, rep4
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, rep3
FullDeut
pop0
Centroid
1_pop0
2_pop0
3_pop0
4_pop0
population
Absolute Deuterium Level (Da)

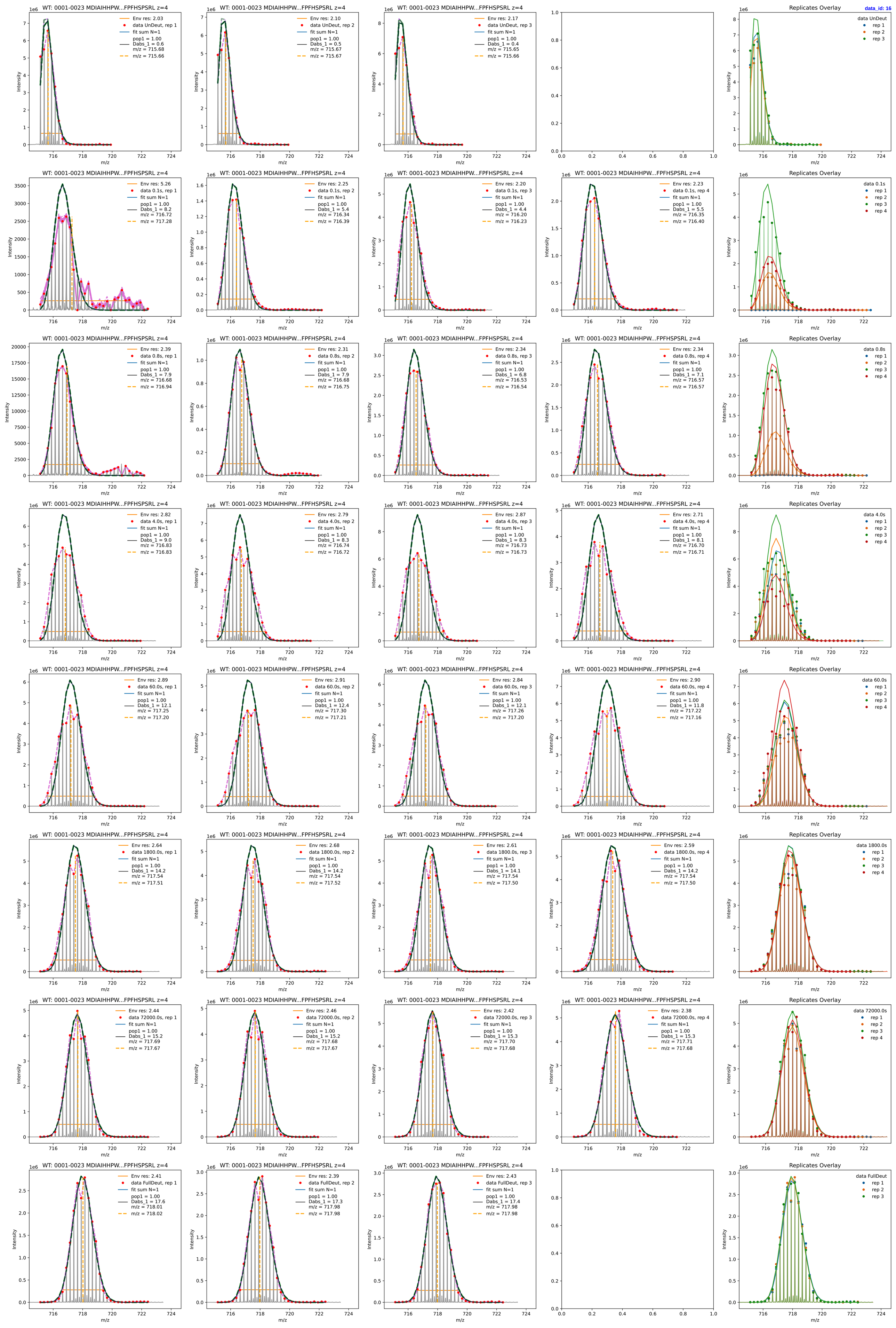

WT: 0001-0013 MDIAIHHPWIRRP z=3
data_id: 8
Absolute Deuterium Level (Da)
Time, s
0
2
4
6
8
10^{-1}
10^{0}
10^{1}
10^{2}
10^{3}
10^{4}
10^{5}
10^{6}
rep1
rep2
rep3
rep4


data_id: 15
WT: 0001-0023 MDIAIHHPW...FPFHSPSRL z=3
Env res: 1.67
data UnDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.1
m/z = 953.81
m/z = 953.80
Env res: 1.70
data UnDeut, rep 2
Dabs_1 = 0.1
m/z = 953.80
Env res: 1.73
data UnDeut, rep 3
Dabs_1 = 0.2
m/z = 953.83
m/z = 953.82
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 2.17
data 0.1s, rep 2
Dabs_1 = 5.1
m/z = 954.74
m/z = 954.83
Env res: 1.97
data 0.1s, rep 3
Dabs_1 = 4.1
m/z = 954.55
m/z = 954.57
Env res: 2.07
data 0.1s, rep 4
Dabs_1 = 5.1
m/z = 954.73
m/z = 954.81
data 0.1s
rep 2
rep 3
rep 4
Env res: 2.50
data 0.8s, rep 1
Dabs_1 = 8.0
m/z = 955.29
m/z = 955.33
Env res: 2.31
data 0.8s, rep 2
Dabs_1 = 7.7
m/z = 955.22
m/z = 955.34
Env res: 2.09
data 0.8s, rep 3
Dabs_1 = 6.3
m/z = 954.97
m/z = 955.00
Env res: 2.12
data 0.8s, rep 4
Dabs_1 = 6.5
m/z = 955.00
m/z = 955.02
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 2.60
data 4.0s, rep 1
Dabs_1 = 9.1
m/z = 955.48
m/z = 955.44
Env res: 2.59
data 4.0s, rep 2
Dabs_1 = 7.8
m/z = 955.24
m/z = 955.23
Env res: 2.63
data 4.0s, rep 3
Dabs_1 = 7.9
m/z = 955.26
m/z = 955.25
Env res: 2.49
data 4.0s, rep 4
Dabs_1 = 8.1
m/z = 955.29
m/z = 955.29
data 4.0s
rep 1
rep 2
rep 3
rep 4
Env res: 2.65
data 60.0s, rep 1
Dabs_1 = 12.1
m/z = 956.04
m/z = 955.95
Env res: 2.58
data 60.0s, rep 2
Dabs_1 = 11.4
m/z = 955.92
m/z = 955.89
Env res: 2.61
data 60.0s, rep 3
Dabs_1 = 11.5
m/z = 955.93
m/z = 955.89
Env res: 2.64
data 60.0s, rep 4
Dabs_1 = 11.9
m/z = 956.01
m/z = 955.90
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 2.39
data 1800.0s, rep 1
Dabs_1 = 13.9
m/z = 956.37
m/z = 956.33
Env res: 2.38
data 1800.0s, rep 2
Dabs_1 = 13.8
m/z = 956.36
m/z = 956.33
Env res: 2.23
data 1800.0s, rep 3
Dabs_1 = 13.6
m/z = 956.33
m/z = 956.30
Env res: 2.33
data 1800.0s, rep 4
Dabs_1 = 14.2
m/z = 956.43
m/z = 956.36
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 2.20
data 72000.0s, rep 1
Dabs_1 = 14.9
m/z = 956.57
m/z = 956.54
Env res: 2.17
data 72000.0s, rep 2
Dabs_1 = 14.9
m/z = 956.57
m/z = 956.56
Env res: 2.19
data 72000.0s, rep 3
Dabs_1 = 15.0
m/z = 956.58
m/z = 956.56
Env res: 2.13
data 72000.0s, rep 4
Dabs_1 = 14.8
m/z = 956.54
m/z = 956.54
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 2.20
data FullDeut, rep 1
Dabs_1 = 17.3
m/z = 957.02
m/z = 957.01
Env res: 2.13
data FullDeut, rep 2
Dabs_1 = 16.8
m/z = 956.93
m/z = 956.91
Env res: 2.18
data FullDeut, rep 3
Dabs_1 = 17.0
m/z = 956.96
m/z = 956.95
data FullDeut
rep 1
rep 2
rep 3
Intensity
m/z

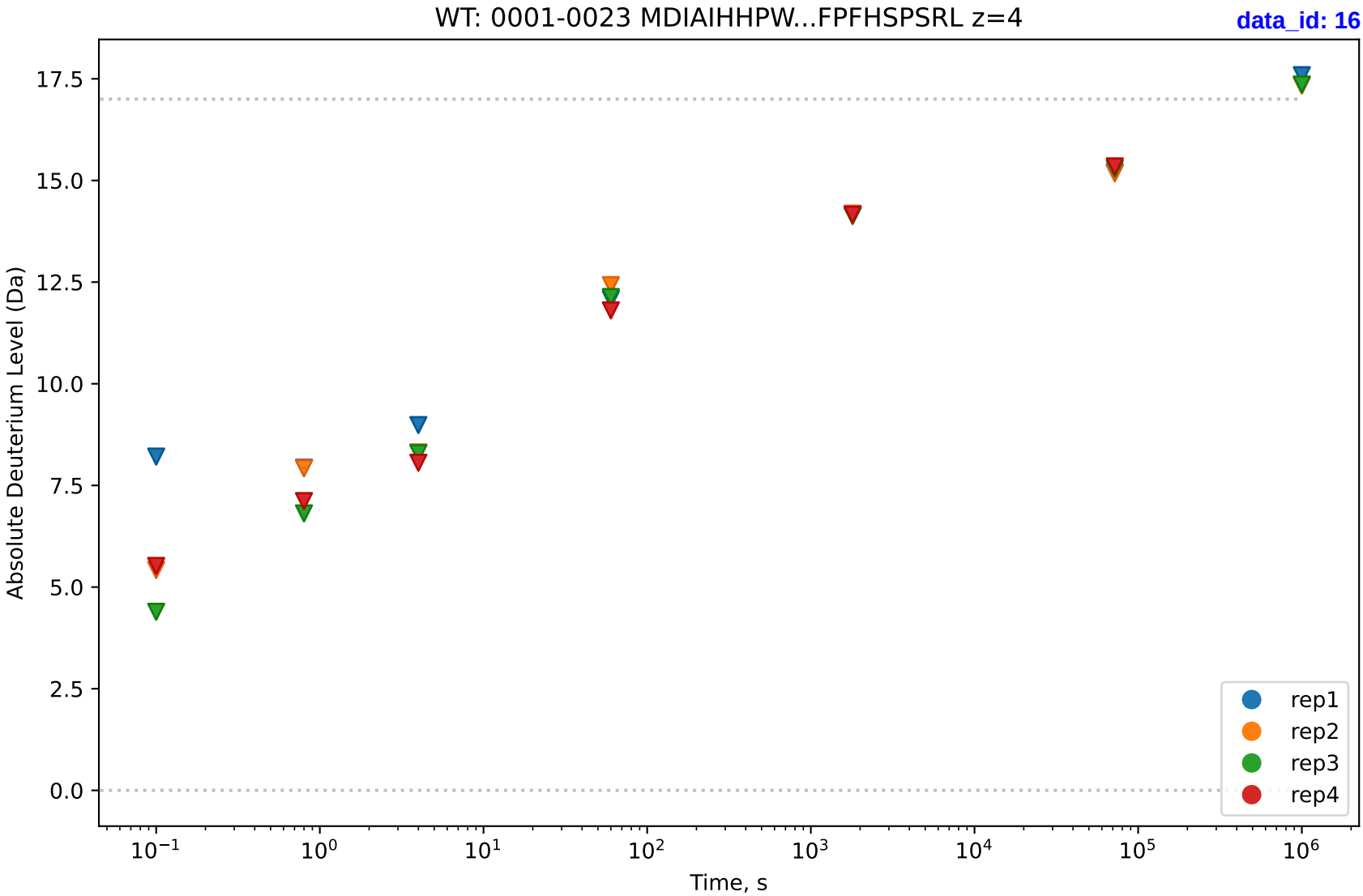
data_id: 15
WT: 0001-0023 MDIAIHHPW...FPFHSPSRL z=3
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
Replicates Overlay
UnDeut
1_pop0
2_pop0
3_pop0
0.1s, rep2
0.1s, rep3
0.1s, rep4
0.1s
4_pop0
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
0.8s
4.0s, rep1
4.0s, rep2
4.0s, rep3
4.0s, rep4
4.0s
60.0s, rep1
60.0s, rep2
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, rep3
FullDeut
pop0
Centroid
population
Absolute Deuterium Level (Da)

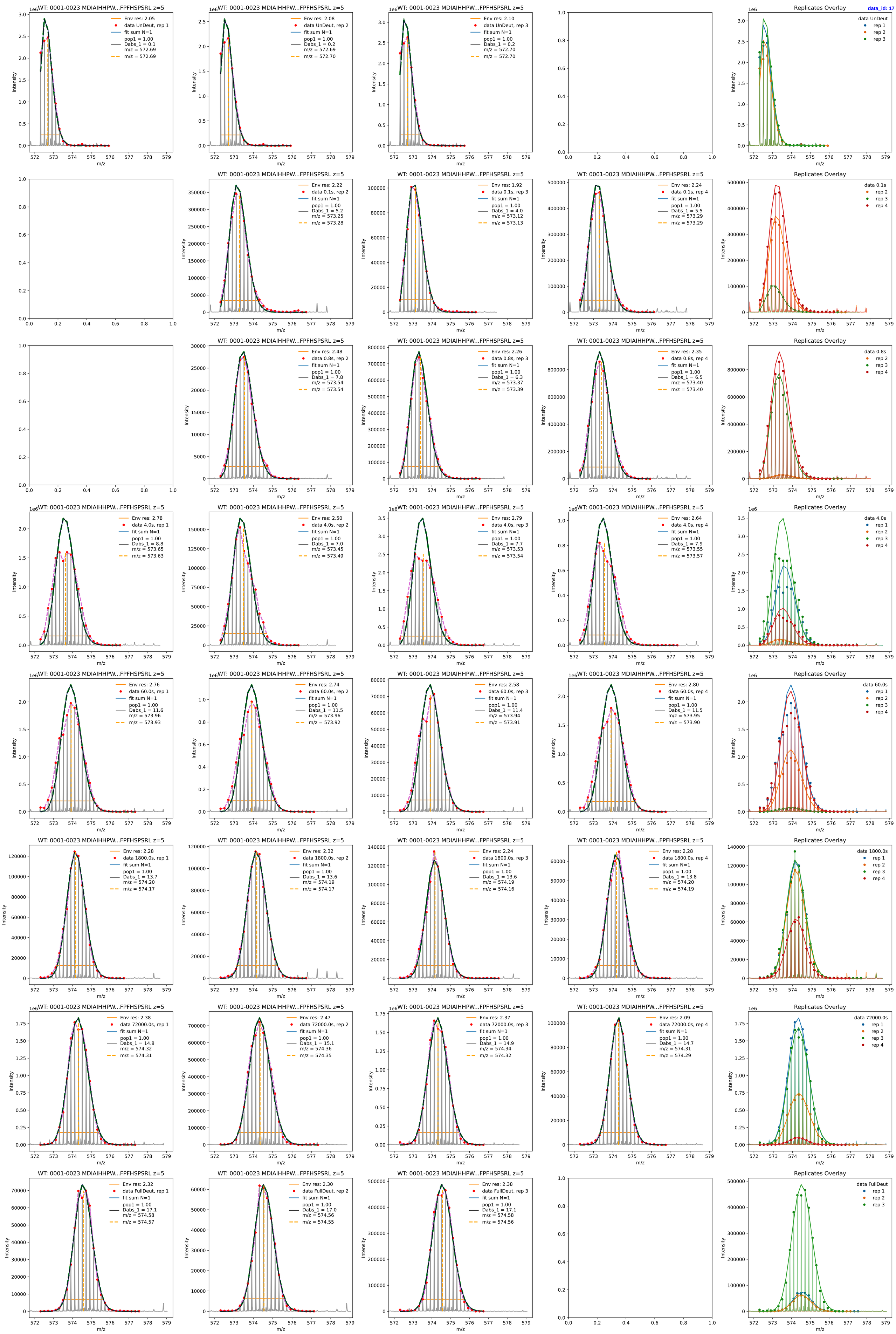

WT: 0001-0023 MDIAIHHPW...FPFHSPSRL z=3
data_id: 15
Absolute Deuterium Level (Da)
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
10^{-1}
10^{0}
10^{1}
10^{2}
10^{3}
10^{4}
10^{5}
10^{6}
Time, s
rep1
rep2
rep3
rep4

data_id: 16

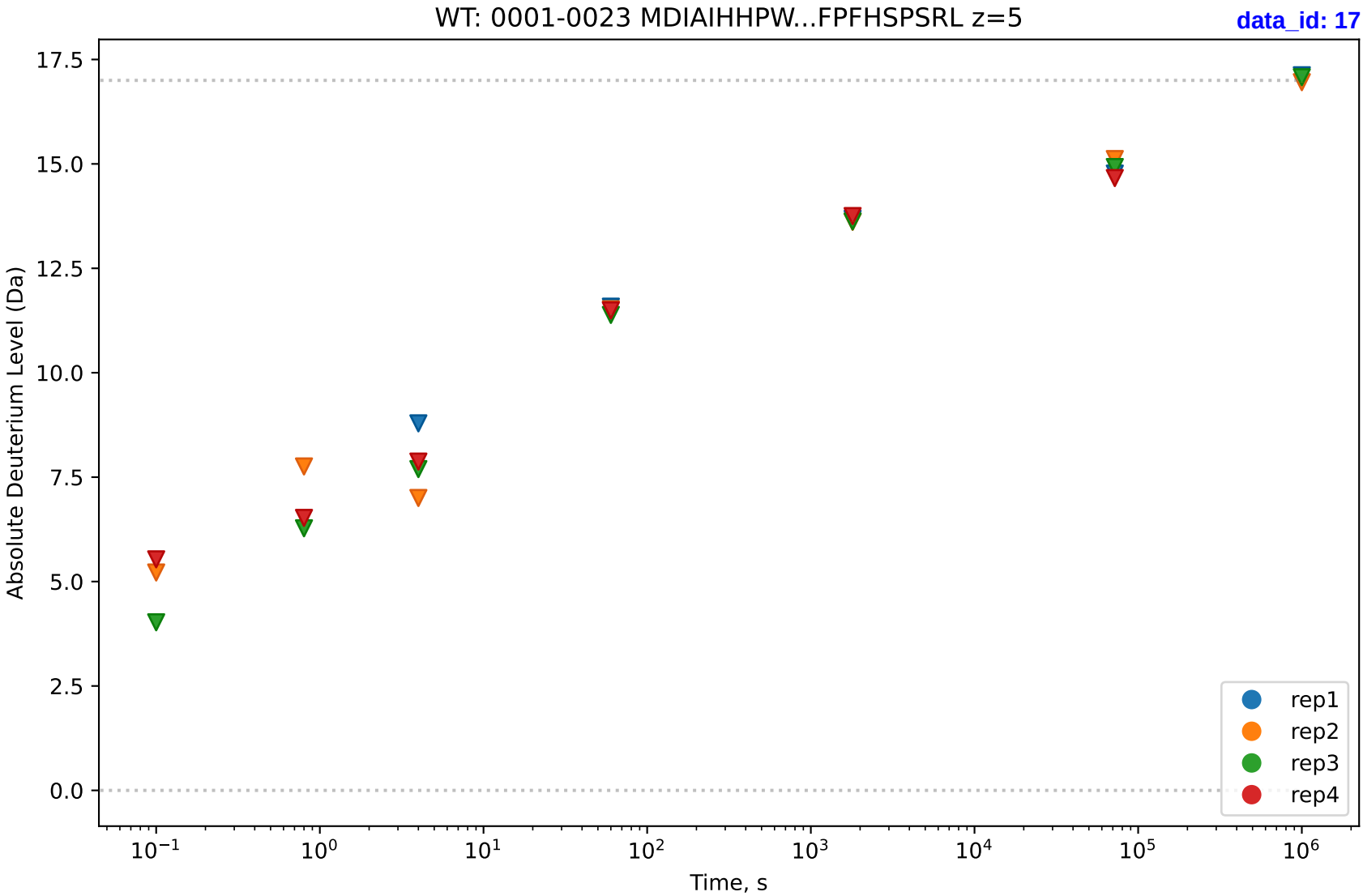

WT: 0001-0023 MDIAIHHPW...FPFHSPSRL z=4
Env res: 2.03
data UnDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.6
m/z = 715.68
m/z = 715.66
Env res: 2.10
data UnDeut, rep 2
Dabs_1 = 0.5
m/z = 715.67
m/z = 715.67
Env res: 2.17
data UnDeut, rep 3
Dabs_1 = 0.4
m/z = 715.65
m/z = 715.66
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 5.26
data 0.1s, rep 1
Dabs_1 = 8.2
m/z = 716.72
m/z = 717.28
Env res: 2.25
data 0.1s, rep 2
Dabs_1 = 5.4
m/z = 716.34
m/z = 716.39
Env res: 2.20
data 0.1s, rep 3
Dabs_1 = 4.4
m/z = 716.20
m/z = 716.23
Env res: 2.23
data 0.1s, rep 4
Dabs_1 = 5.5
m/z = 716.35
m/z = 716.40
data 0.1s
rep 1
rep 2
rep 3
rep 4
Env res: 2.39
data 0.8s, rep 1
Dabs_1 = 7.9
m/z = 716.68
m/z = 716.94
Env res: 2.31
data 0.8s, rep 2
Dabs_1 = 7.9
m/z = 716.68
m/z = 716.75
Env res: 2.34
data 0.8s, rep 3
Dabs_1 = 6.8
m/z = 716.53
m/z = 716.54
Env res: 2.34
data 0.8s, rep 4
Dabs_1 = 7.1
m/z = 716.57
m/z = 716.57
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 2.82
data 4.0s, rep 1
Dabs_1 = 9.0
m/z = 716.83
m/z = 716.83
Env res: 2.79
data 4.0s, rep 2
Dabs_1 = 8.3
m/z = 716.74
m/z = 716.72
Env res: 2.87
data 4.0s, rep 3
Dabs_1 = 8.3
m/z = 716.73
m/z = 716.73
Env res: 2.71
data 4.0s, rep 4
Dabs_1 = 8.1
m/z = 716.70
m/z = 716.71
data 4.0s
rep 1
rep 2
rep 3
rep 4
Env res: 2.89
data 60.0s, rep 1
Dabs_1 = 12.1
m/z = 717.25
m/z = 717.20
Env res: 2.91
data 60.0s, rep 2
Dabs_1 = 12.4
m/z = 717.30
m/z = 717.21
Env res: 2.84
data 60.0s, rep 3
Dabs_1 = 12.1
m/z = 717.26
m/z = 717.20
Env res: 2.90
data 60.0s, rep 4
Dabs_1 = 11.8
m/z = 717.22
m/z = 717.16
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 2.64
data 1800.0s, rep 1
Dabs_1 = 14.2
m/z = 717.54
m/z = 717.51
Env res: 2.68
data 1800.0s, rep 2
Dabs_1 = 14.2
m/z = 717.54
m/z = 717.52
Env res: 2.61
data 1800.0s, rep 3
Dabs_1 = 14.1
m/z = 717.54
m/z = 717.50
Env res: 2.59
data 1800.0s, rep 4
Dabs_1 = 14.2
m/z = 717.54
m/z = 717.50
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 2.44
data 72000.0s, rep 1
Dabs_1 = 15.2
m/z = 717.69
m/z = 717.67
Env res: 2.46
data 72000.0s, rep 2
Dabs_1 = 15.2
m/z = 717.68
m/z = 717.67
Env res: 2.42
data 72000.0s, rep 3
Dabs_1 = 15.3
m/z = 717.70
m/z = 717.68
Env res: 2.38
data 72000.0s, rep 4
Dabs_1 = 15.3
m/z = 717.71
m/z = 717.68
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 2.41
data FullDeut, rep 1
Dabs_1 = 17.6
m/z = 718.01
m/z = 718.02
Env res: 2.39
data FullDeut, rep 2
Dabs_1 = 17.3
m/z = 717.98
m/z = 717.98
Env res: 2.43
data FullDeut, rep 3
Dabs_1 = 17.4
m/z = 717.98
m/z = 717.98
data FullDeut
rep 1
rep 2
rep 3
Intensity
m/z
1e6

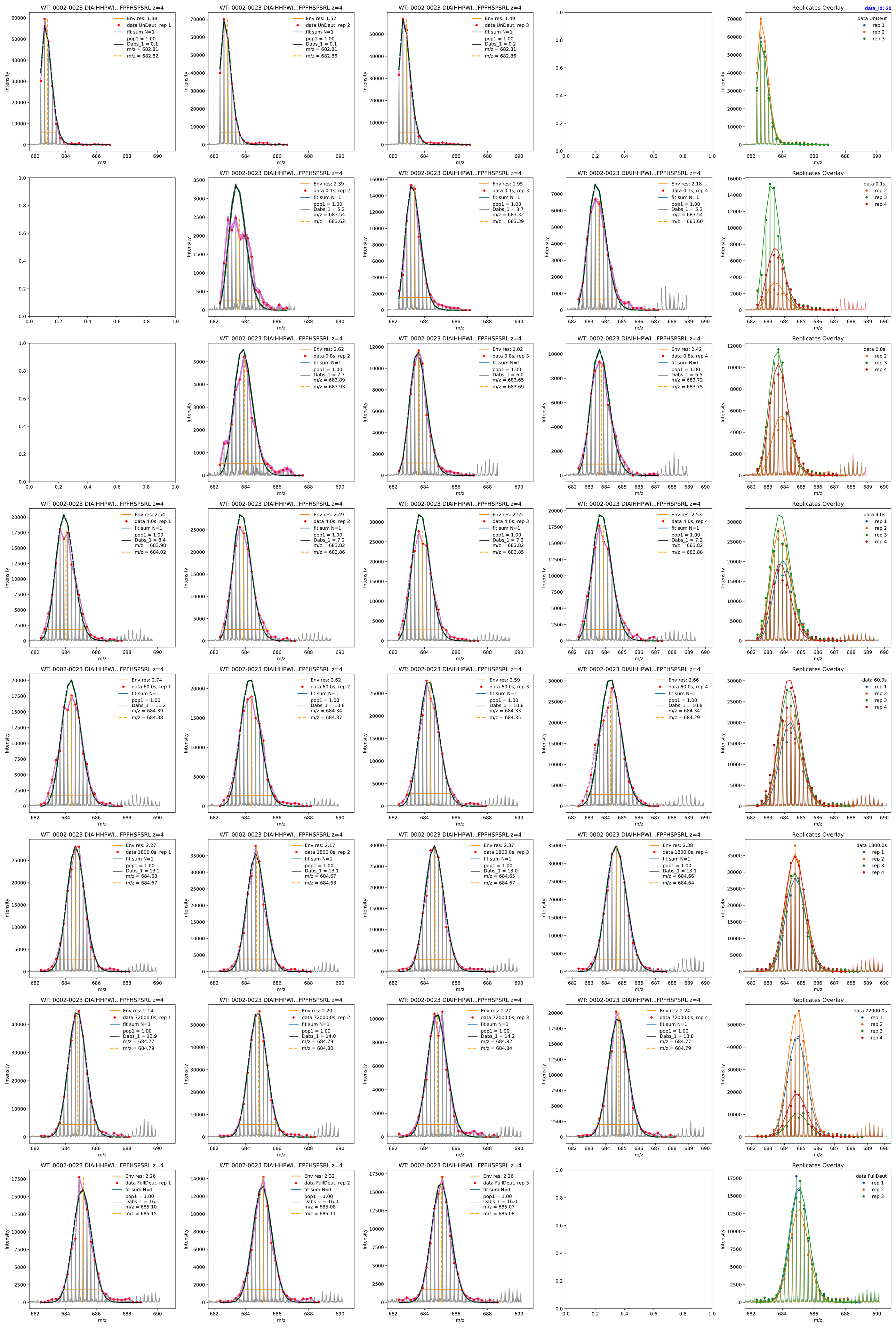
data_id: 16
WT: 0001-0023 MDIAIHHPW...FPFHSPSRL z=4
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
Replicates Overlay
UnDeut
0.1s, rep1
0.1s, rep2
0.1s, rep3
0.1s, rep4
0.1s
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
0.8s
4.0s, rep1
4.0s, rep2
4.0s, rep3
4.0s, rep4
4.0s
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, 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, rep3
FullDeut
pop0
Centroid
1_pop0
2_pop0
3_pop0
4_pop0
population
Absolute Deuterium Level (Da)


WT: 0001-0023 MDIAIHHPW...FPFHSPSRL z=4
data_id: 16
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

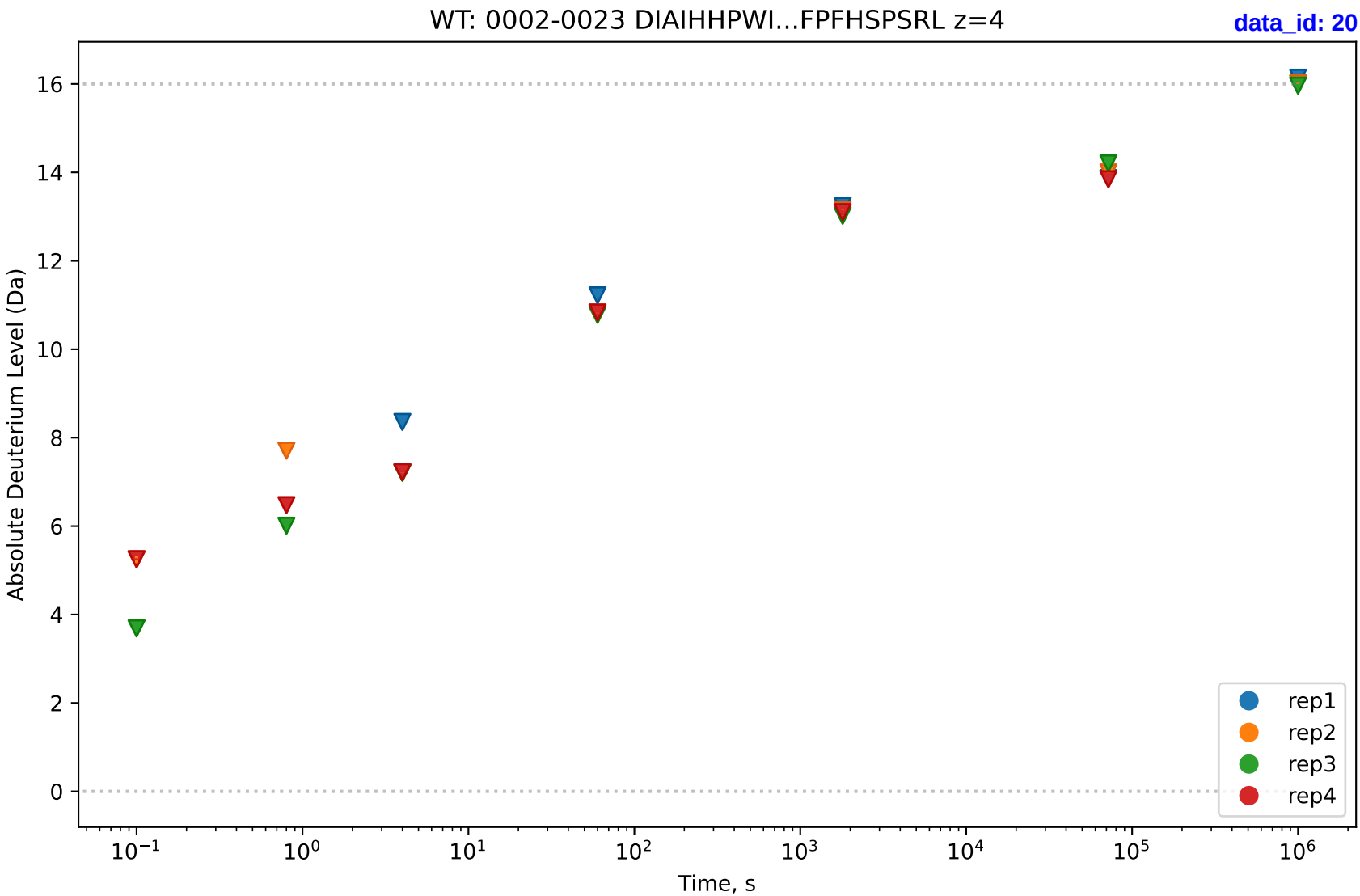

data_id: 17
WT: 0001-0023 MDIAIHHPW...FPFHSPSRL z=5
Env res: 2.05
data UnDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.1
m/z = 572.69
m/z = 572.69
Env res: 2.08
data UnDeut, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.2
m/z = 572.69
m/z = 572.70
Env res: 2.10
data UnDeut, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.2
m/z = 572.70
m/z = 572.70
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 2.22
data 0.1s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.2
m/z = 573.25
m/z = 573.28
Env res: 1.92
data 0.1s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.0
m/z = 573.12
m/z = 573.13
Env res: 2.24
data 0.1s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.5
m/z = 573.29
m/z = 573.29
Replicates Overlay
data 0.1s
rep 2
rep 3
rep 4
Env res: 2.48
data 0.8s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 7.8
m/z = 573.54
m/z = 573.54
Env res: 2.26
data 0.8s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 6.3
m/z = 573.37
m/z = 573.39
Env res: 2.35
data 0.8s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 6.5
m/z = 573.40
m/z = 573.40
Replicates Overlay
data 0.8s
rep 2
rep 3
rep 4
Env res: 2.78
data 4.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 8.8
m/z = 573.65
m/z = 573.63
Env res: 2.50
data 4.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 7.0
m/z = 573.45
m/z = 573.49
Env res: 2.79
data 4.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 7.7
m/z = 573.53
m/z = 573.54
Env res: 2.64
data 4.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 7.9
m/z = 573.55
m/z = 573.57
Replicates Overlay
data 4.0s
rep 1
rep 2
rep 3
rep 4
Env res: 2.76
data 60.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 11.6
m/z = 573.96
m/z = 573.93
Env res: 2.74
data 60.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 11.5
m/z = 573.96
m/z = 573.92
Env res: 2.58
data 60.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 11.4
m/z = 573.94
m/z = 573.91
Env res: 2.80
data 60.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 11.5
m/z = 573.95
m/z = 573.90
Replicates Overlay
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 2.28
data 1800.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 13.7
m/z = 574.20
m/z = 574.17
Env res: 2.32
data 1800.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 13.6
m/z = 574.19
m/z = 574.17
Env res: 2.24
data 1800.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 13.6
m/z = 574.19
m/z = 574.16
Env res: 2.28
data 1800.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 13.8
m/z = 574.20
m/z = 574.19
Replicates Overlay
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 2.38
data 72000.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 14.8
m/z = 574.32
m/z = 574.31
Env res: 2.47
data 72000.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 15.1
m/z = 574.36
m/z = 574.35
Env res: 2.37
data 72000.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 14.9
m/z = 574.34
m/z = 574.32
Env res: 2.09
data 72000.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 14.7
m/z = 574.31
m/z = 574.29
Replicates Overlay
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 2.32
data FullDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 17.1
m/z = 574.58
m/z = 574.57
Env res: 2.30
data FullDeut, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 17.0
m/z = 574.56
m/z = 574.55
Env res: 2.38
data FullDeut, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 17.1
m/z = 574.58
m/z = 574.56
Replicates Overlay
data FullDeut
rep 1
rep 2
rep 3
Intensity
m/z

data_id: 17
WT: 0001-0023 MDIAIHHPW...FPFHSPSRL z=5
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
Replicates Overlay
UnDeut
1_pop0
2_pop0
3_pop0
0.1s, rep2
0.1s, rep3
0.1s, rep4
0.1s
4_pop0
0.8s, rep2
0.8s, rep3
0.8s, rep4
0.8s
4.0s, rep1
4.0s, rep2
4.0s, rep3
4.0s, rep4
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, rep3
FullDeut
pop0
Centroid
population
Absolute Deuterium Level (Da)

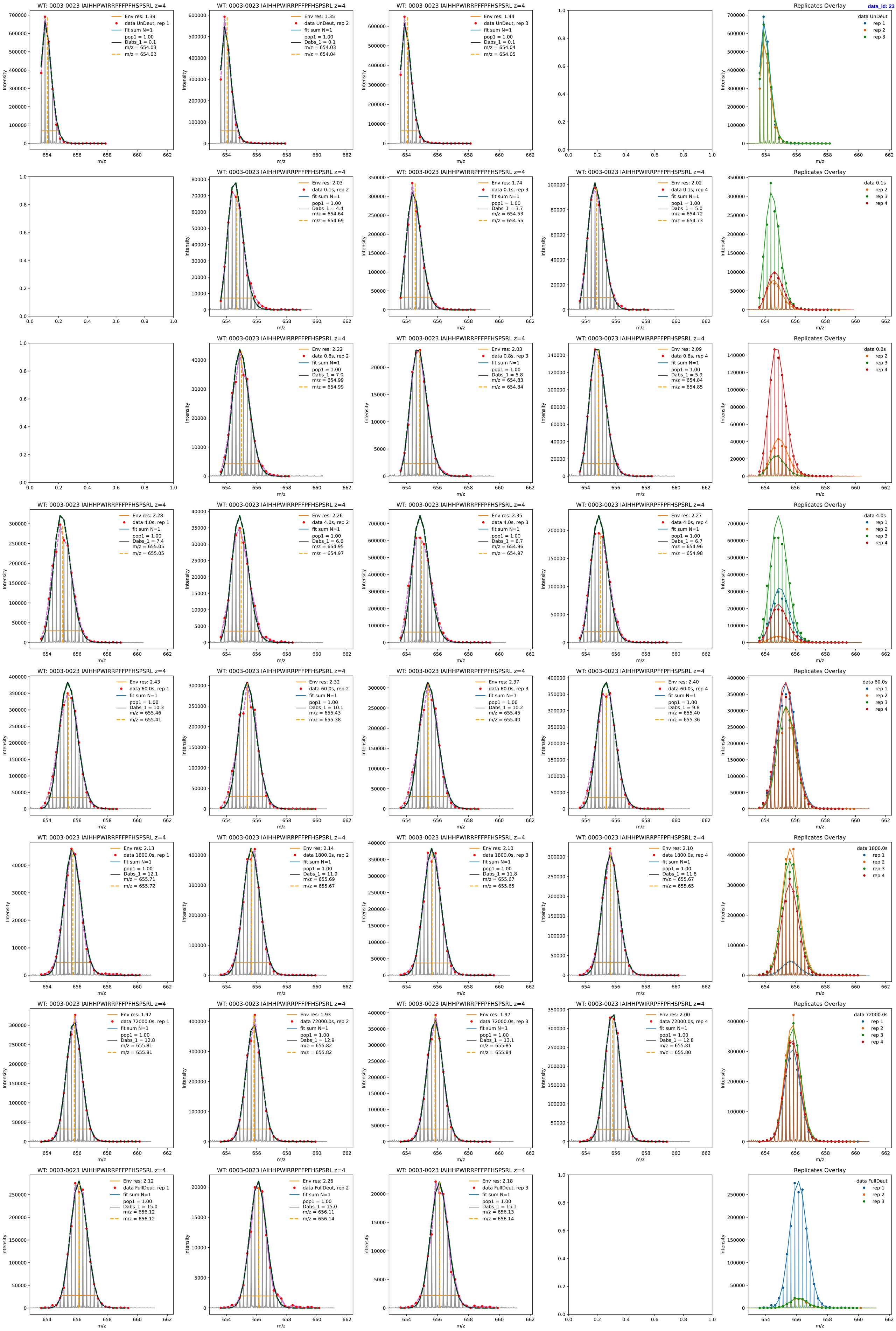

WT: 0001-0023 MDIAIHHPW...FPFHSPSRL z=5
data_id: 17
Absolute Deuterium Level (Da)
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
10^{-1}
10^{0}
10^{1}
10^{2}
10^{3}
10^{4}
10^{5}
10^{6}
Time, s
rep1
rep2
rep3
rep4


data_id: 20
WT: 0002-0023 DIAIHHPWI...FPFHSPSRL z=4
Env res: 1.38
data UnDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.1
m/z = 682.81
m/z = 682.82
Env res: 1.52
data UnDeut, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.1
m/z = 682.81
m/z = 682.86
Env res: 1.49
data UnDeut, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.2
m/z = 682.81
m/z = 682.86
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 2.39
data 0.1s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.2
m/z = 683.54
m/z = 683.62
Env res: 1.95
data 0.1s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.7
m/z = 683.32
m/z = 683.39
Env res: 2.18
data 0.1s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.3
m/z = 683.54
m/z = 683.60
Replicates Overlay
data 0.1s
rep 2
rep 3
rep 4
Env res: 2.62
data 0.8s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 7.7
m/z = 683.89
m/z = 683.93
Env res: 2.02
data 0.8s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 6.0
m/z = 683.65
m/z = 683.69
Env res: 2.42
data 0.8s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 6.5
m/z = 683.72
m/z = 683.75
Replicates Overlay
data 0.8s
rep 2
rep 3
rep 4
Env res: 2.54
data 4.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 8.4
m/z = 683.98
m/z = 684.02
Env res: 2.49
data 4.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 7.2
m/z = 683.82
m/z = 683.86
Env res: 2.55
data 4.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 7.2
m/z = 683.82
m/z = 683.85
Env res: 2.53
data 4.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 7.2
m/z = 683.82
m/z = 683.88
Replicates Overlay
data 4.0s
rep 1
rep 2
rep 3
rep 4
Env res: 2.74
data 60.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 11.2
m/z = 684.39
m/z = 684.38
Env res: 2.62
data 60.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 10.8
m/z = 684.34
m/z = 684.37
Env res: 2.59
data 60.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 10.8
m/z = 684.33
m/z = 684.35
Env res: 2.66
data 60.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 10.8
m/z = 684.34
m/z = 684.29
Replicates Overlay
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 2.27
data 1800.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 13.2
m/z = 684.68
m/z = 684.67
Env res: 2.17
data 1800.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 13.1
m/z = 684.67
m/z = 684.68
Env res: 2.37
data 1800.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 13.0
m/z = 684.65
m/z = 684.67
Env res: 2.38
data 1800.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 13.1
m/z = 684.66
m/z = 684.64
Replicates Overlay
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 2.14
data 72000.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 13.9
m/z = 684.77
m/z = 684.79
Env res: 2.20
data 72000.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 14.0
m/z = 684.79
m/z = 684.80
Env res: 2.27
data 72000.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 14.2
m/z = 684.82
m/z = 684.84
Env res: 2.24
data 72000.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 13.8
m/z = 684.77
m/z = 684.79
Replicates Overlay
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 2.26
data FullDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 16.1
m/z = 685.10
m/z = 685.15
Env res: 2.32
data FullDeut, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 16.0
m/z = 685.08
m/z = 685.11
Env res: 2.26
data FullDeut, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 16.0
m/z = 685.07
m/z = 685.08
Replicates Overlay
data FullDeut
rep 1
rep 2
rep 3
Intensity
m/z

data_id: 20
WT: 0002-0023 DIAIHHPWI...FPFHSPSRL z=4
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
Replicates Overlay
UnDeut
1_pop0
2_pop0
3_pop0
0.1s, rep2
0.1s, rep3
0.1s, rep4
0.1s
4_pop0
0.8s, rep2
0.8s, rep3
0.8s, rep4
0.8s
4.0s, rep1
4.0s, rep2
4.0s, rep3
4.0s, rep4
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, rep3
FullDeut
pop0
Centroid
population
Absolute Deuterium Level (Da)

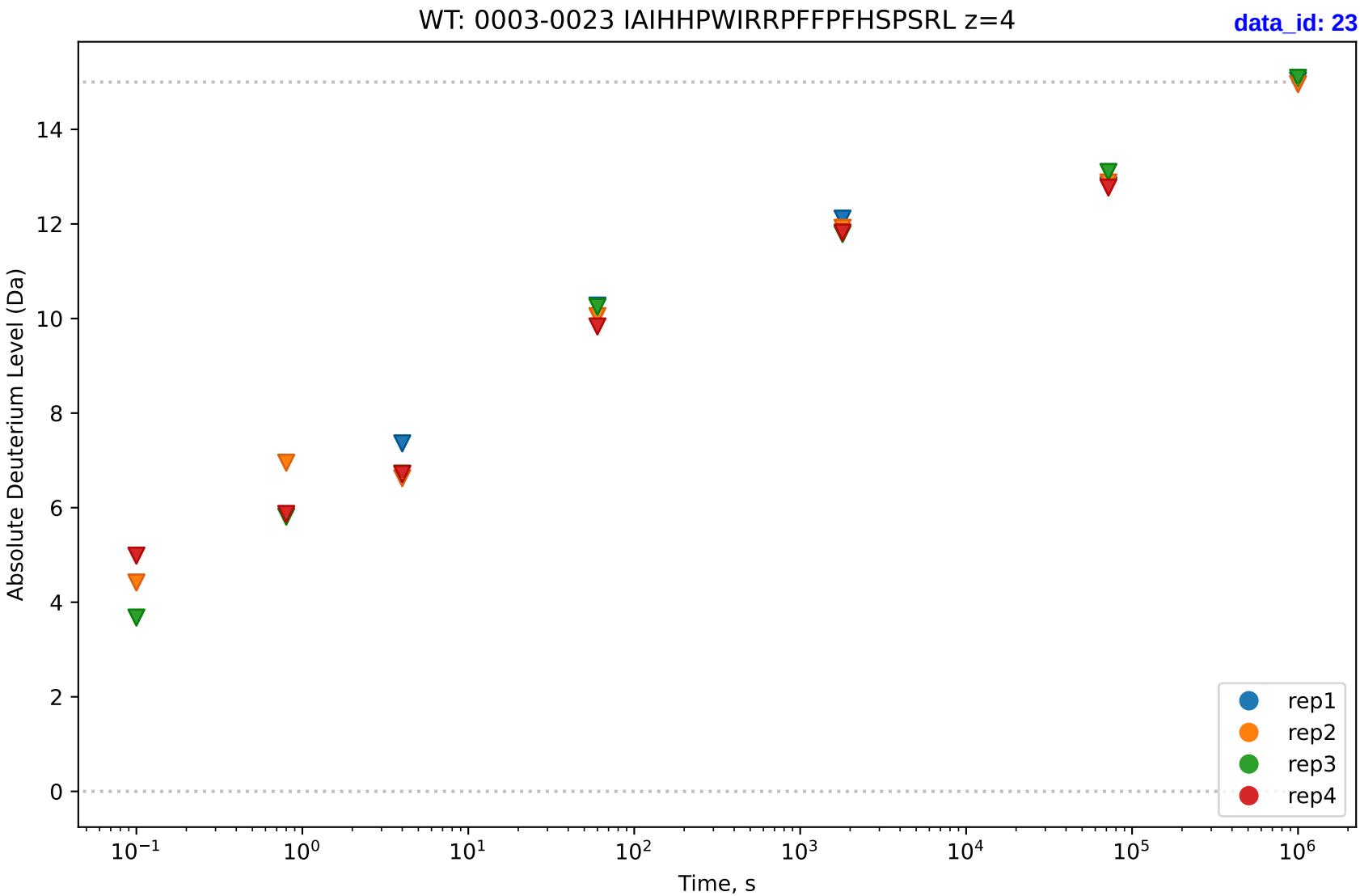

WT: 0002-0023 DIAIHHPWI...FPFHSPSRL z=4
data_id: 20
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4

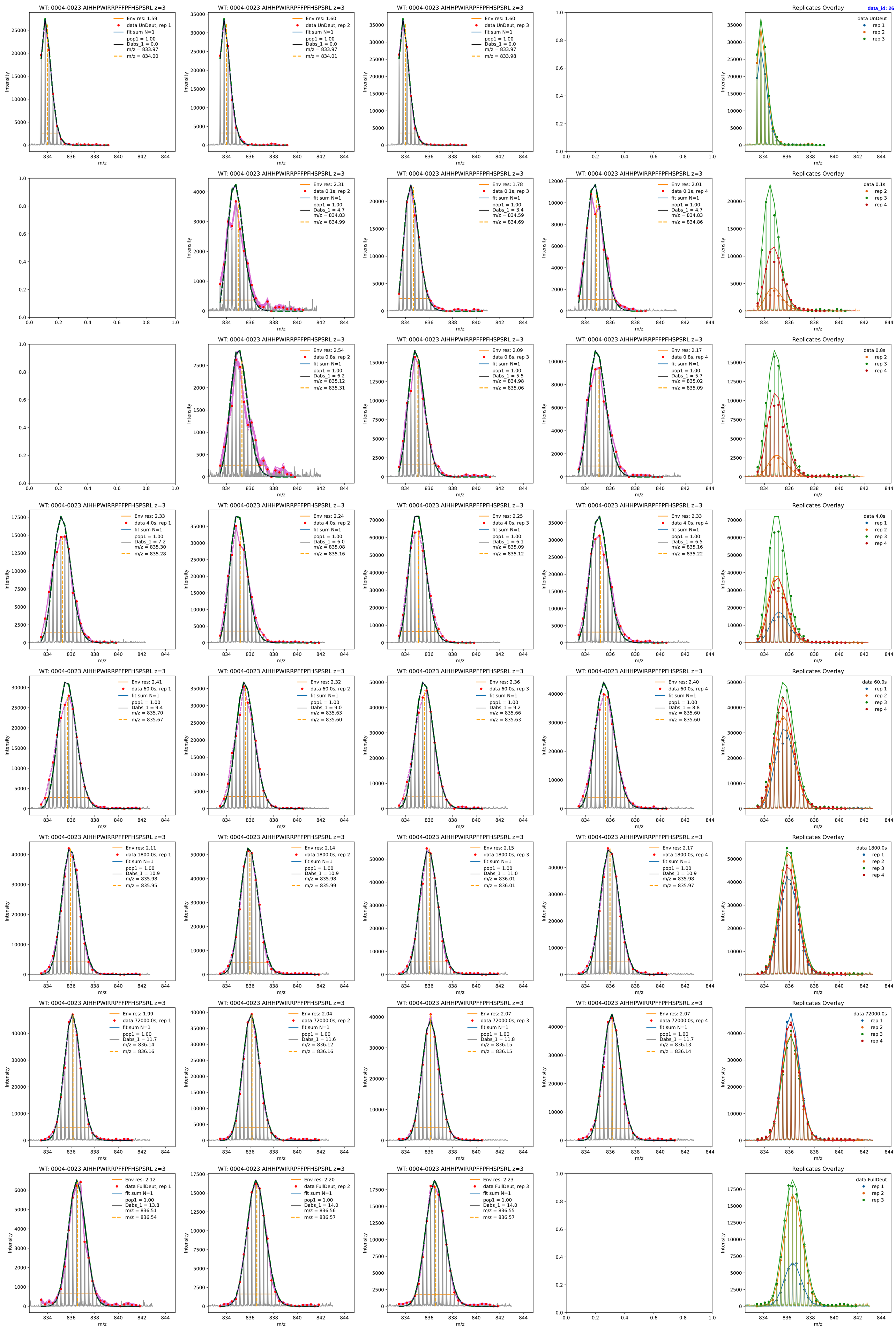
data_id: 23

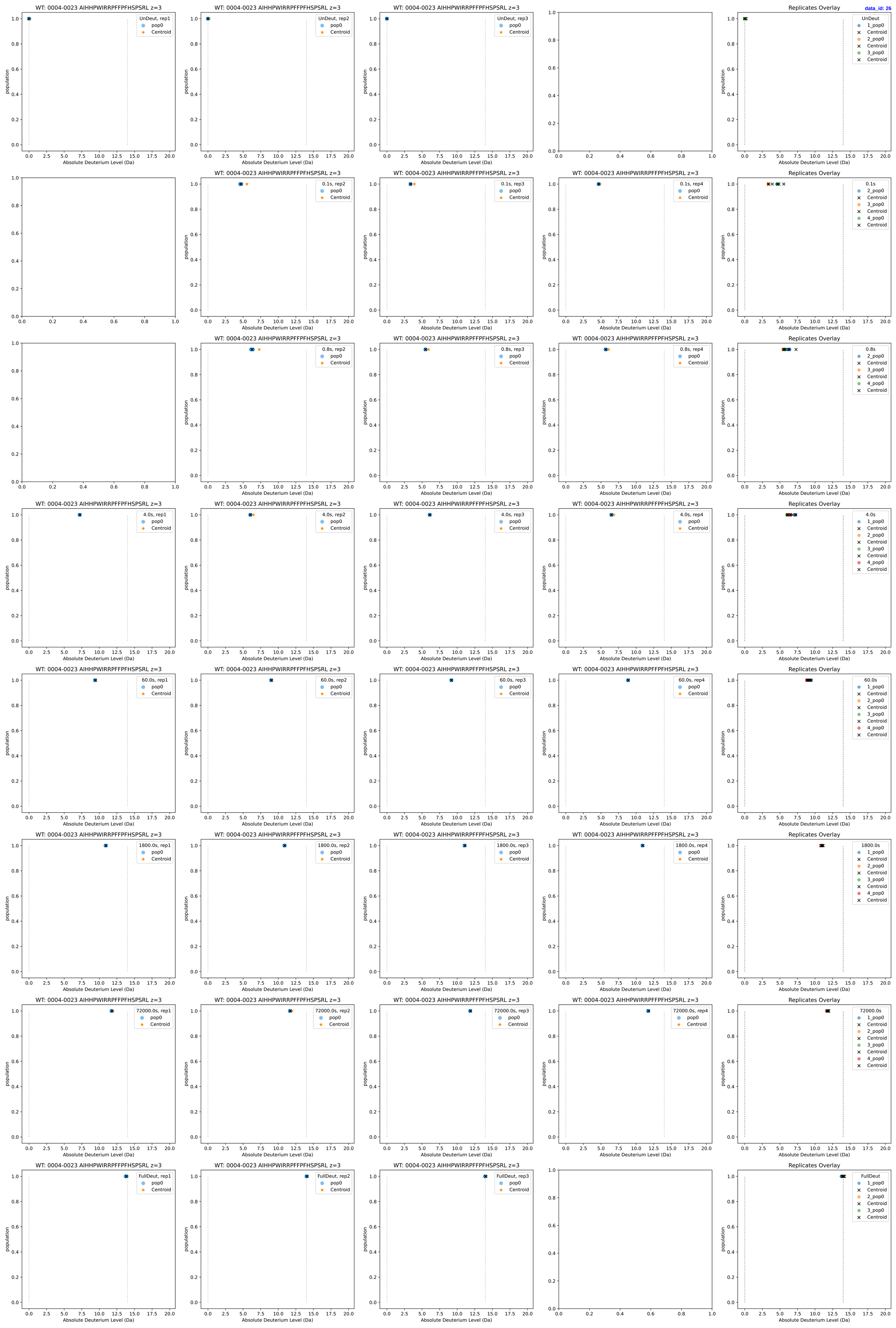

WT: 0003-0023 IAIHHPWIRRPFFPFHSPSRL z=4
Env res: 1.39
data UnDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.1
m/z = 654.03
m/z = 654.02
Env res: 1.35
data UnDeut, rep 2
m/z = 654.04
Env res: 1.44
data UnDeut, rep 3
m/z = 654.05
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 2.03
data 0.1s, rep 2
Dabs_1 = 4.4
m/z = 654.64
m/z = 654.69
Env res: 1.74
data 0.1s, rep 3
Dabs_1 = 3.7
m/z = 654.53
m/z = 654.55
Env res: 2.02
data 0.1s, rep 4
Dabs_1 = 5.0
m/z = 654.72
m/z = 654.73
data 0.1s
Env res: 2.22
data 0.8s, rep 2
Dabs_1 = 7.0
m/z = 654.99
Env res: 2.03
data 0.8s, rep 3
Dabs_1 = 5.8
m/z = 654.83
m/z = 654.84
Env res: 2.09
data 0.8s, rep 4
Dabs_1 = 5.9
m/z = 654.84
m/z = 654.85
data 0.8s
Env res: 2.28
data 4.0s, rep 1
Dabs_1 = 7.4
m/z = 655.05
Env res: 2.26
data 4.0s, rep 2
Dabs_1 = 6.6
m/z = 654.95
m/z = 654.97
Env res: 2.35
data 4.0s, rep 3
Dabs_1 = 6.7
m/z = 654.96
m/z = 654.97
Env res: 2.27
data 4.0s, rep 4
Dabs_1 = 6.7
m/z = 654.96
m/z = 654.98
data 4.0s
Env res: 2.43
data 60.0s, rep 1
Dabs_1 = 10.3
m/z = 655.46
m/z = 655.41
Env res: 2.32
data 60.0s, rep 2
Dabs_1 = 10.1
m/z = 655.43
m/z = 655.38
Env res: 2.37
data 60.0s, rep 3
Dabs_1 = 10.2
m/z = 655.45
m/z = 655.40
Env res: 2.40
data 60.0s, rep 4
Dabs_1 = 9.8
m/z = 655.40
m/z = 655.36
data 60.0s
Env res: 2.13
data 1800.0s, rep 1
Dabs_1 = 12.1
m/z = 655.71
m/z = 655.72
Env res: 2.14
data 1800.0s, rep 2
Dabs_1 = 11.9
m/z = 655.69
m/z = 655.67
Env res: 2.10
data 1800.0s, rep 3
Dabs_1 = 11.8
m/z = 655.67
m/z = 655.65
Env res: 2.10
data 1800.0s, rep 4
Dabs_1 = 11.8
m/z = 655.67
m/z = 655.65
data 1800.0s
Env res: 1.92
data 72000.0s, rep 1
Dabs_1 = 12.8
m/z = 655.81
m/z = 655.81
Env res: 1.93
data 72000.0s, rep 2
Dabs_1 = 12.9
m/z = 655.82
m/z = 655.82
Env res: 1.97
data 72000.0s, rep 3
Dabs_1 = 13.1
m/z = 655.85
m/z = 655.84
Env res: 2.00
data 72000.0s, rep 4
Dabs_1 = 12.8
m/z = 655.81
m/z = 655.80
data 72000.0s
Env res: 2.12
data FullDeut, rep 1
Dabs_1 = 15.0
m/z = 656.12
m/z = 656.12
Env res: 2.26
data FullDeut, rep 2
Dabs_1 = 15.0
m/z = 656.11
m/z = 656.14
Env res: 2.18
data FullDeut, rep 3
Dabs_1 = 15.1
m/z = 656.13
m/z = 656.14
data FullDeut
Intensity
m/z

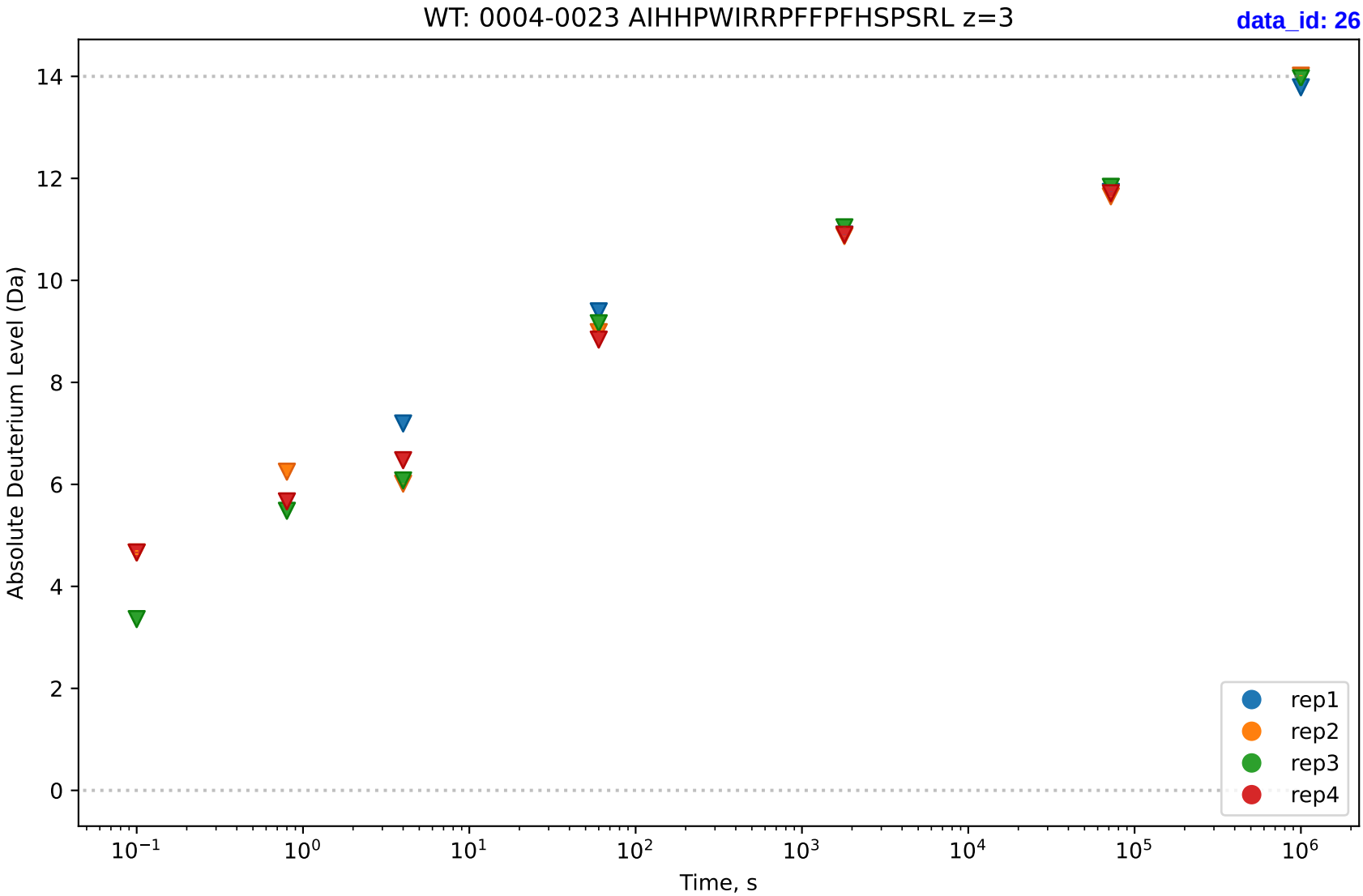
data_id: 23

WT: 0003-0023 IAIHHPWIRRPFFPFHSPSRL z=4
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
Replicates Overlay
UnDeut
1_pop0
2_pop0
3_pop0
0.1s, rep2
0.1s, rep3
0.1s, rep4
0.1s
4_pop0
0.8s, rep2
0.8s, rep3
0.8s, rep4
0.8s
4.0s, rep1
4.0s, rep2
4.0s, rep3
4.0s, rep4
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, rep3
FullDeut
pop0
Centroid
population
Absolute Deuterium Level (Da)


WT: 0003-0023 IAIHHPWIRRPFFPFHSPSRL z=4
data_id: 23
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4


WT: 0004-0023 AIHHPWIRRPFFPFHSPSRL z=3
Env res: 1.59
data UnDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.0
m/z = 833.97
m/z = 834.00
Env res: 1.60
data UnDeut, rep 2
m/z = 833.97
m/z = 834.01
Env res: 1.60
data UnDeut, rep 3
m/z = 833.97
m/z = 833.98
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 2.31
data 0.1s, rep 2
Dabs_1 = 4.7
m/z = 834.83
m/z = 834.99
Env res: 1.78
data 0.1s, rep 3
Dabs_1 = 3.4
m/z = 834.59
m/z = 834.69
Env res: 2.01
data 0.1s, rep 4
Dabs_1 = 4.7
m/z = 834.83
m/z = 834.86
data 0.1s
rep 2
rep 3
rep 4
Env res: 2.54
data 0.8s, rep 2
Dabs_1 = 6.2
m/z = 835.12
m/z = 835.31
Env res: 2.09
data 0.8s, rep 3
Dabs_1 = 5.5
m/z = 834.98
m/z = 835.06
Env res: 2.17
data 0.8s, rep 4
Dabs_1 = 5.7
m/z = 835.02
m/z = 835.09
data 0.8s
rep 2
rep 3
rep 4
Env res: 2.33
data 4.0s, rep 1
Dabs_1 = 7.2
m/z = 835.30
m/z = 835.28
Env res: 2.24
data 4.0s, rep 2
Dabs_1 = 6.0
m/z = 835.08
m/z = 835.16
Env res: 2.25
data 4.0s, rep 3
Dabs_1 = 6.1
m/z = 835.09
m/z = 835.12
Env res: 2.33
data 4.0s, rep 4
Dabs_1 = 6.5
m/z = 835.16
m/z = 835.22
data 4.0s
rep 1
rep 2
rep 3
rep 4
Env res: 2.41
data 60.0s, rep 1
Dabs_1 = 9.4
m/z = 835.70
m/z = 835.67
Env res: 2.32
data 60.0s, rep 2
Dabs_1 = 9.0
m/z = 835.63
m/z = 835.60
Env res: 2.36
data 60.0s, rep 3
Dabs_1 = 9.2
m/z = 835.66
m/z = 835.63
Env res: 2.40
data 60.0s, rep 4
Dabs_1 = 8.8
m/z = 835.60
m/z = 835.60
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 2.11
data 1800.0s, rep 1
Dabs_1 = 10.9
m/z = 835.98
m/z = 835.95
Env res: 2.14
data 1800.0s, rep 2
Dabs_1 = 10.9
m/z = 835.98
m/z = 835.99
Env res: 2.15
data 1800.0s, rep 3
Dabs_1 = 11.0
m/z = 836.01
m/z = 836.01
Env res: 2.17
data 1800.0s, rep 4
Dabs_1 = 10.9
m/z = 835.98
m/z = 835.97
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.99
data 72000.0s, rep 1
Dabs_1 = 11.7
m/z = 836.14
m/z = 836.16
Env res: 2.04
data 72000.0s, rep 2
Dabs_1 = 11.6
m/z = 836.12
m/z = 836.16
Env res: 2.07
data 72000.0s, rep 3
Dabs_1 = 11.8
m/z = 836.15
m/z = 836.15
Env res: 2.07
data 72000.0s, rep 4
Dabs_1 = 11.7
m/z = 836.13
m/z = 836.14
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 2.12
data FullDeut, rep 1
Dabs_1 = 13.8
m/z = 836.51
m/z = 836.54
Env res: 2.20
data FullDeut, rep 2
Dabs_1 = 14.0
m/z = 836.56
m/z = 836.57
Env res: 2.23
data FullDeut, rep 3
Dabs_1 = 14.0
m/z = 836.55
m/z = 836.57
data FullDeut
rep 1
rep 2
rep 3
Intensity
m/z

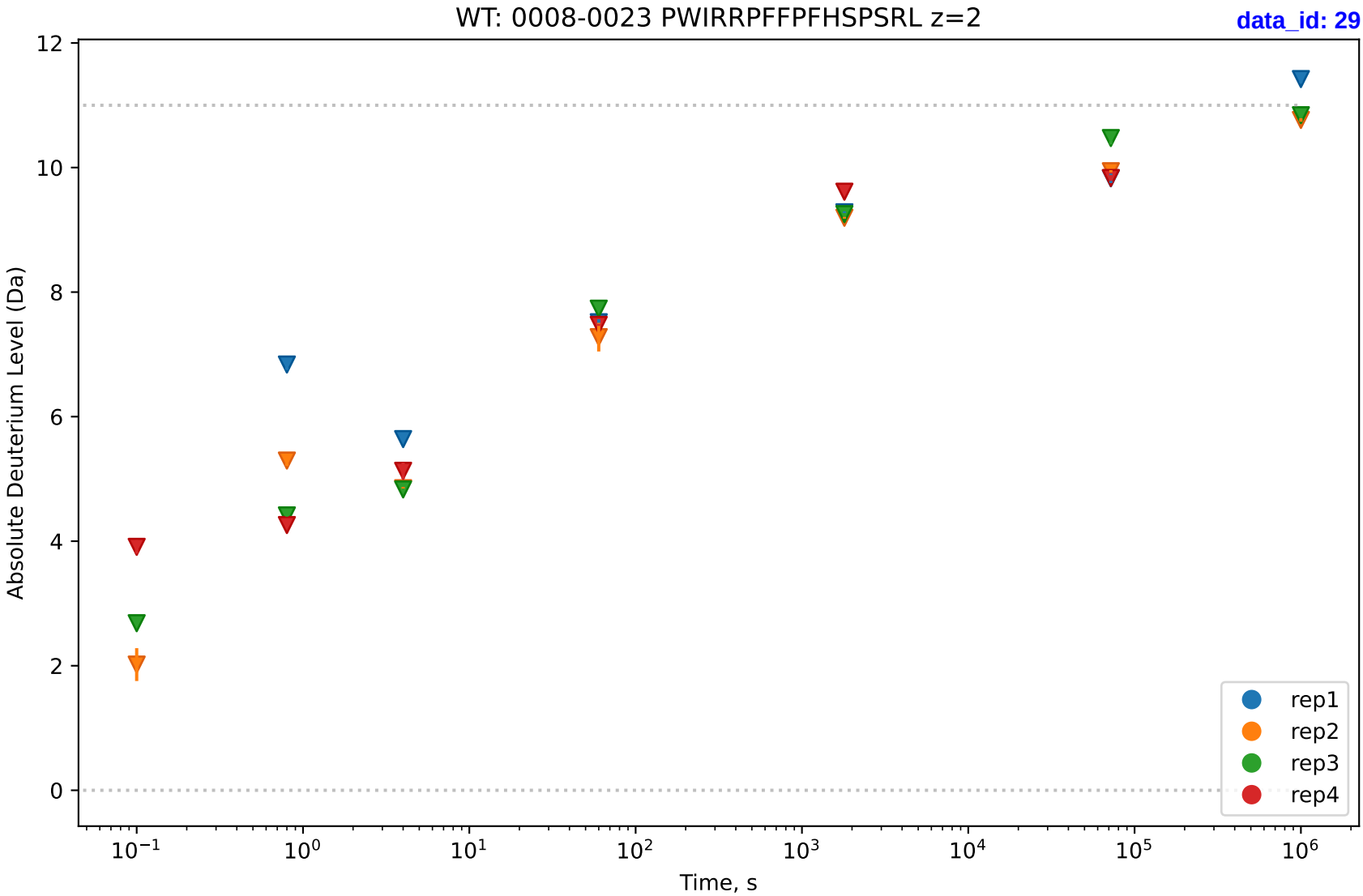

data_id: 26
WT: 0004-0023 AIHHPWIRRPFFPFHSPSRL z=3
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
Replicates Overlay
UnDeut
0.1s, rep2
0.1s, rep3
0.1s, rep4
0.1s
0.8s, rep2
0.8s, rep3
0.8s, rep4
0.8s
4.0s, rep1
4.0s, rep2
4.0s, rep3
4.0s, rep4
4.0s
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, rep4
60.0s
1800.0s, 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, rep3
FullDeut
pop0
Centroid
1_pop0
2_pop0
3_pop0
4_pop0
population
Absolute Deuterium Level (Da)

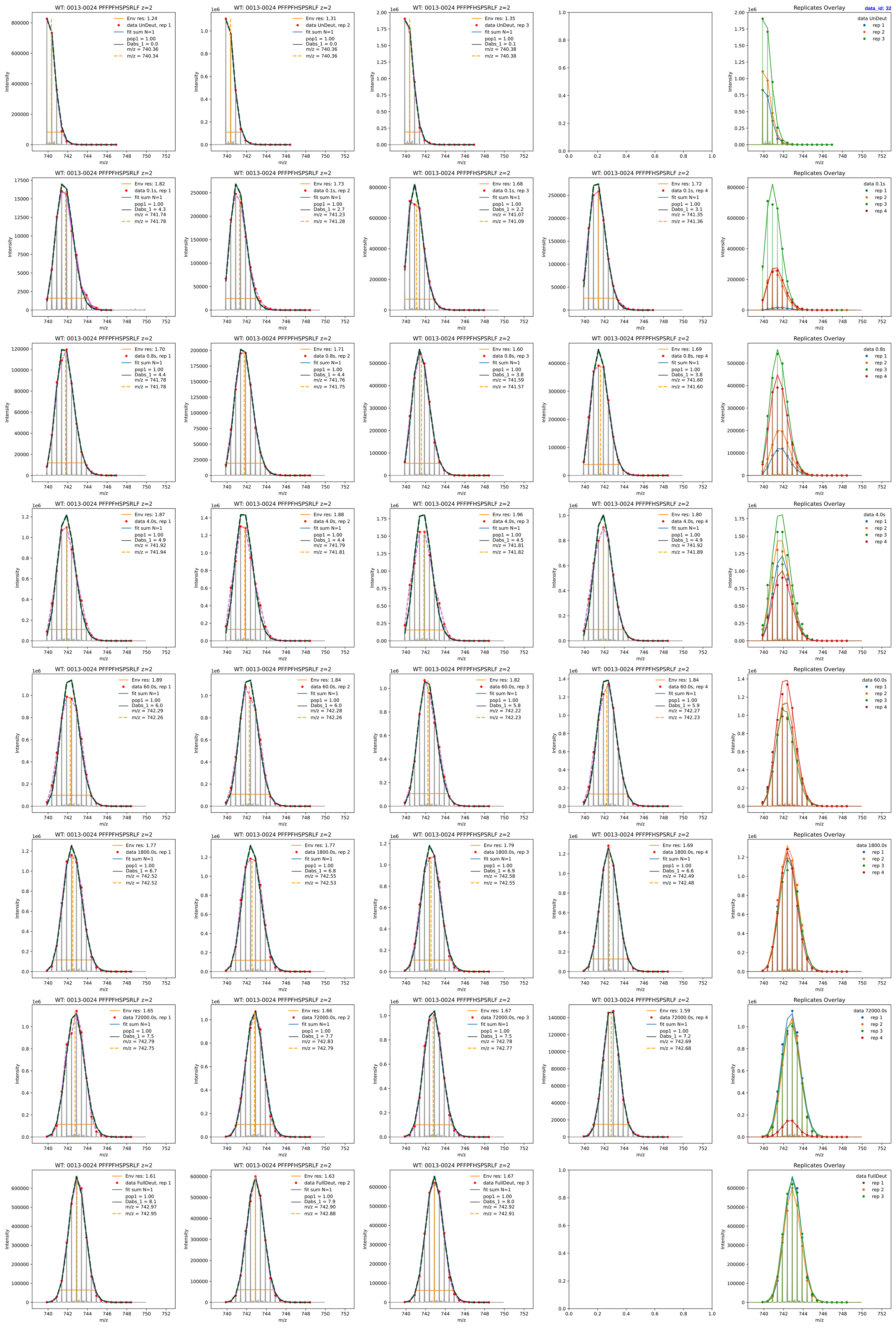

WT: 0004-0023 AIHHPWIRRPFFPFHSPSRL z=3
data_id: 26
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4

data_id: 29

WT: 0008-0023 PWIRRPFFPFHSPSRL z=2
Env res: 1.66
data UnDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.2
m/z = 1021.24
m/z = 1021.32
Env res: 1.45
data UnDeut, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.0
m/z = 1021.20
m/z = 1021.32
Env res: 1.62
data UnDeut, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.1
m/z = 1021.22
m/z = 1021.30
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 3.21
data 0.1s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.0
m/z = 1021.83
m/z = 1022.63
Env res: 1.80
data 0.1s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.7
m/z = 1022.02
m/z = 1022.36
Env res: 2.92
data 0.1s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.9
m/z = 1022.38
m/z = 1022.64
data 0.1s
rep 2
rep 3
rep 4
Env res: 3.70
data 0.8s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 6.8
m/z = 1023.29
m/z = 1024.05
Env res: 3.60
data 0.8s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.3
m/z = 1022.83
m/z = 1023.30
Env res: 1.98
data 0.8s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.4
m/z = 1022.55
m/z = 1023.10
Env res: 2.26
data 0.8s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.3
m/z = 1022.50
m/z = 1022.82
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 2.27
data 4.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.6
m/z = 1022.93
m/z = 1023.08
Env res: 2.30
data 4.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.8
m/z = 1022.69
m/z = 1022.94
Env res: 2.25
data 4.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.8
m/z = 1022.68
m/z = 1022.88
Env res: 2.37
data 4.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.1
m/z = 1022.77
m/z = 1023.06
data 4.0s
rep 1
rep 2
rep 3
rep 4
Env res: 2.63
data 60.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 7.5
m/z = 1023.50
m/z = 1023.53
Env res: 2.65
data 60.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 7.3
m/z = 1023.42
m/z = 1023.52
Env res: 2.58
data 60.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 7.7
m/z = 1023.57
m/z = 1023.82
Env res: 2.44
data 60.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 7.5
m/z = 1023.49
m/z = 1023.64
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 2.76
data 1800.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 9.3
m/z = 1024.05
m/z = 1023.92
Env res: 2.34
data 1800.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 9.2
m/z = 1024.02
m/z = 1024.18
Env res: 2.17
data 1800.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 9.3
m/z = 1024.04
m/z = 1024.06
Env res: 2.18
data 1800.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 9.6
m/z = 1024.15
m/z = 1024.05
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 2.30
data 72000.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 9.8
m/z = 1024.22
m/z = 1024.37
Env res: 2.27
data 72000.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 9.9
m/z = 1024.25
m/z = 1024.39
Env res: 3.61
data 72000.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 10.5
m/z = 1024.41
m/z = 1024.62
Env res: 2.49
data 72000.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 9.8
m/z = 1024.22
m/z = 1024.51
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 2.68
data FullDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 11.4
m/z = 1024.71
m/z = 1024.71
Env res: 2.48
data FullDeut, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 10.8
m/z = 1024.50
m/z = 1024.74
Env res: 2.40
data FullDeut, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 10.8
m/z = 1024.53
m/z = 1024.78
data FullDeut
rep 1
rep 2
rep 3
Intensity
m/z

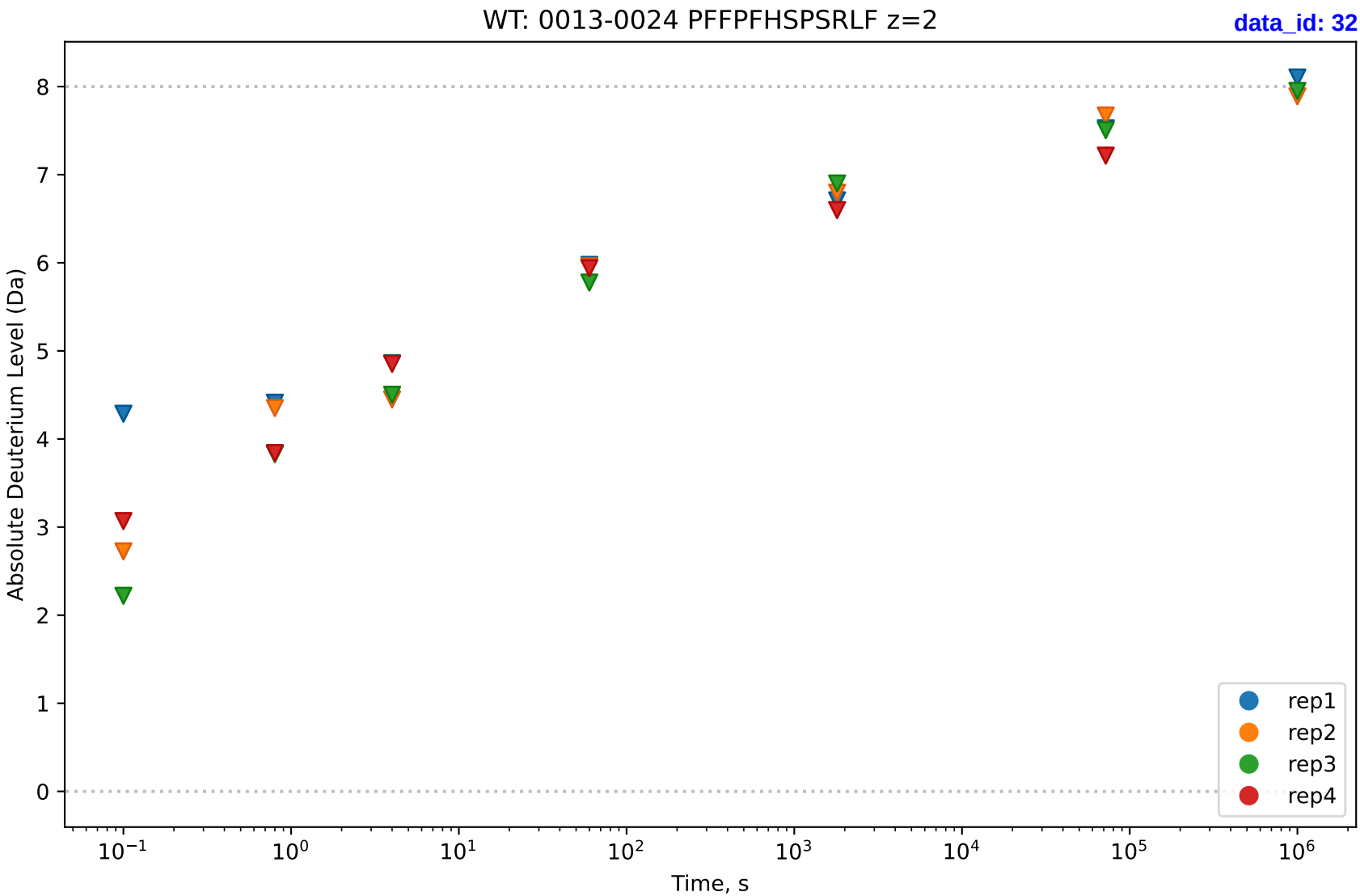
data_id: 29
WT: 0008-0023 PWIRRPFFPFHSPSRL z=2
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
Replicates Overlay
UnDeut
1_pop0
2_pop0
3_pop0
0.1s, rep2
0.1s, rep3
0.1s, rep4
0.1s
4_pop0
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
0.8s
4.0s, rep1
4.0s, rep2
4.0s, rep3
4.0s, rep4
4.0s
60.0s, rep1
60.0s, rep2
60.0s, 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, rep3
FullDeut
pop0
Centroid
population
Absolute Deuterium Level (Da)

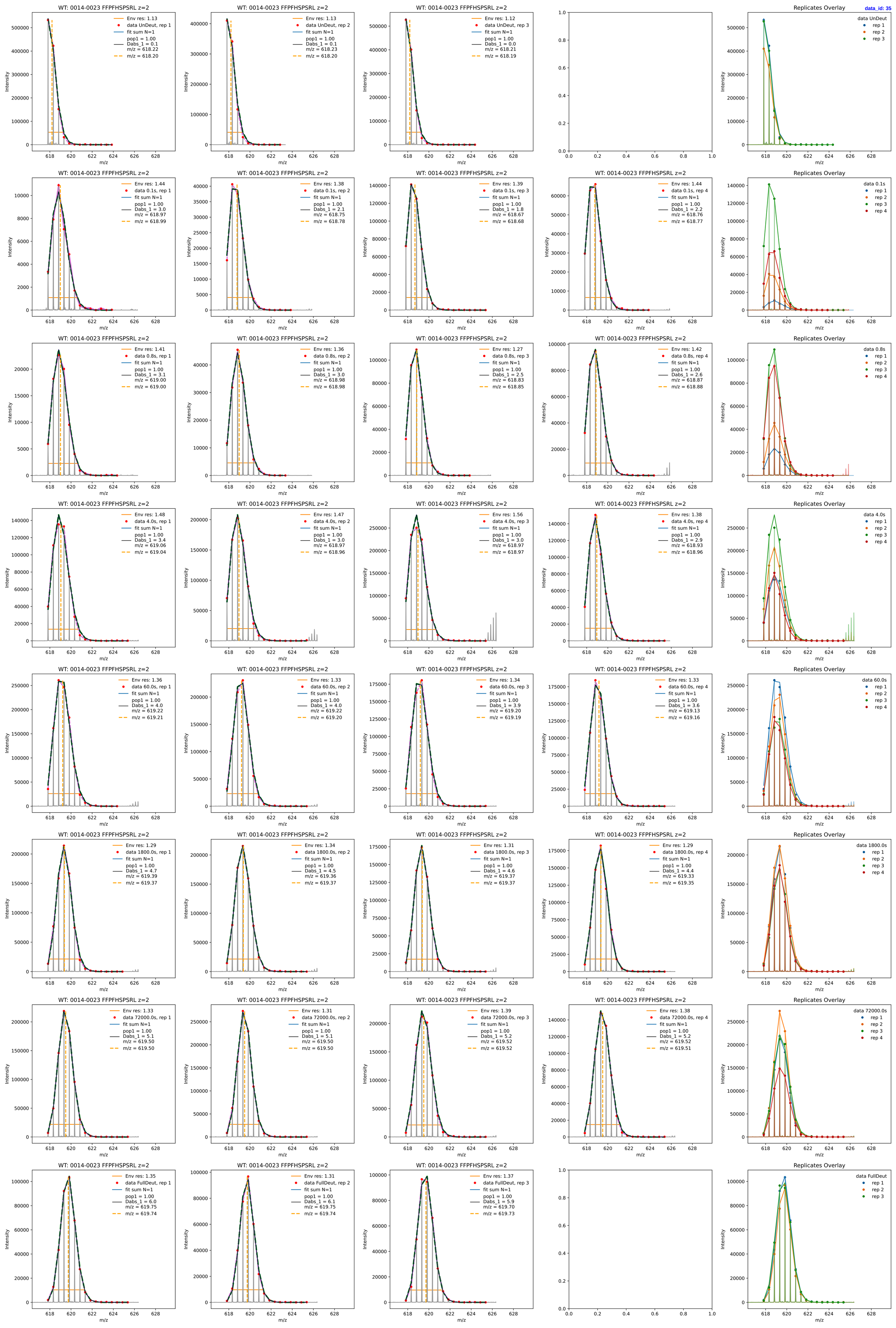

WT: 0008-0023 PWIRRPFFPFHSPSRL z=2
data_id: 29
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4


data_id: 32
WT: 0013-0024 PFFPFHSPSRLF z=2
Env res: 1.24
data UnDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.0
m/z = 740.36
m/z = 740.34
Env res: 1.31
data UnDeut, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.0
m/z = 740.36
m/z = 740.36
Env res: 1.35
data UnDeut, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.1
m/z = 740.38
m/z = 740.38
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 1.82
data 0.1s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.3
m/z = 741.74
m/z = 741.78
Env res: 1.73
data 0.1s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.7
m/z = 741.23
m/z = 741.28
Env res: 1.68
data 0.1s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.2
m/z = 741.07
m/z = 741.09
Env res: 1.72
data 0.1s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.1
m/z = 741.35
m/z = 741.36
data 0.1s
rep 1
rep 2
rep 3
rep 4
Env res: 1.70
data 0.8s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.4
m/z = 741.78
m/z = 741.78
Env res: 1.71
data 0.8s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.4
m/z = 741.76
m/z = 741.75
Env res: 1.60
data 0.8s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.8
m/z = 741.59
m/z = 741.57
Env res: 1.69
data 0.8s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.8
m/z = 741.60
m/z = 741.60
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 1.87
data 4.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.9
m/z = 741.92
m/z = 741.94
Env res: 1.88
data 4.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.4
m/z = 741.79
m/z = 741.81
Env res: 1.96
data 4.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.5
m/z = 741.81
m/z = 741.82
Env res: 1.80
data 4.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.9
m/z = 741.92
m/z = 741.89
data 4.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.89
data 60.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 6.0
m/z = 742.29
m/z = 742.26
Env res: 1.84
data 60.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 6.0
m/z = 742.28
m/z = 742.26
Env res: 1.82
data 60.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.8
m/z = 742.22
m/z = 742.23
Env res: 1.84
data 60.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.9
m/z = 742.27
m/z = 742.23
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.77
data 1800.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 6.7
m/z = 742.52
m/z = 742.52
Env res: 1.77
data 1800.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 6.8
m/z = 742.55
m/z = 742.53
Env res: 1.79
data 1800.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 6.9
m/z = 742.58
m/z = 742.55
Env res: 1.69
data 1800.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 6.6
m/z = 742.49
m/z = 742.48
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.65
data 72000.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 7.5
m/z = 742.79
m/z = 742.75
Env res: 1.66
data 72000.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 7.7
m/z = 742.83
m/z = 742.79
Env res: 1.67
data 72000.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 7.5
m/z = 742.78
m/z = 742.77
Env res: 1.59
data 72000.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 7.2
m/z = 742.69
m/z = 742.68
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.61
data FullDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 8.1
m/z = 742.97
m/z = 742.95
Env res: 1.63
data FullDeut, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 7.9
m/z = 742.90
m/z = 742.88
Env res: 1.67
data FullDeut, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 8.0
m/z = 742.92
m/z = 742.91
data FullDeut
rep 1
rep 2
rep 3
Intensity
m/z

data_id: 32

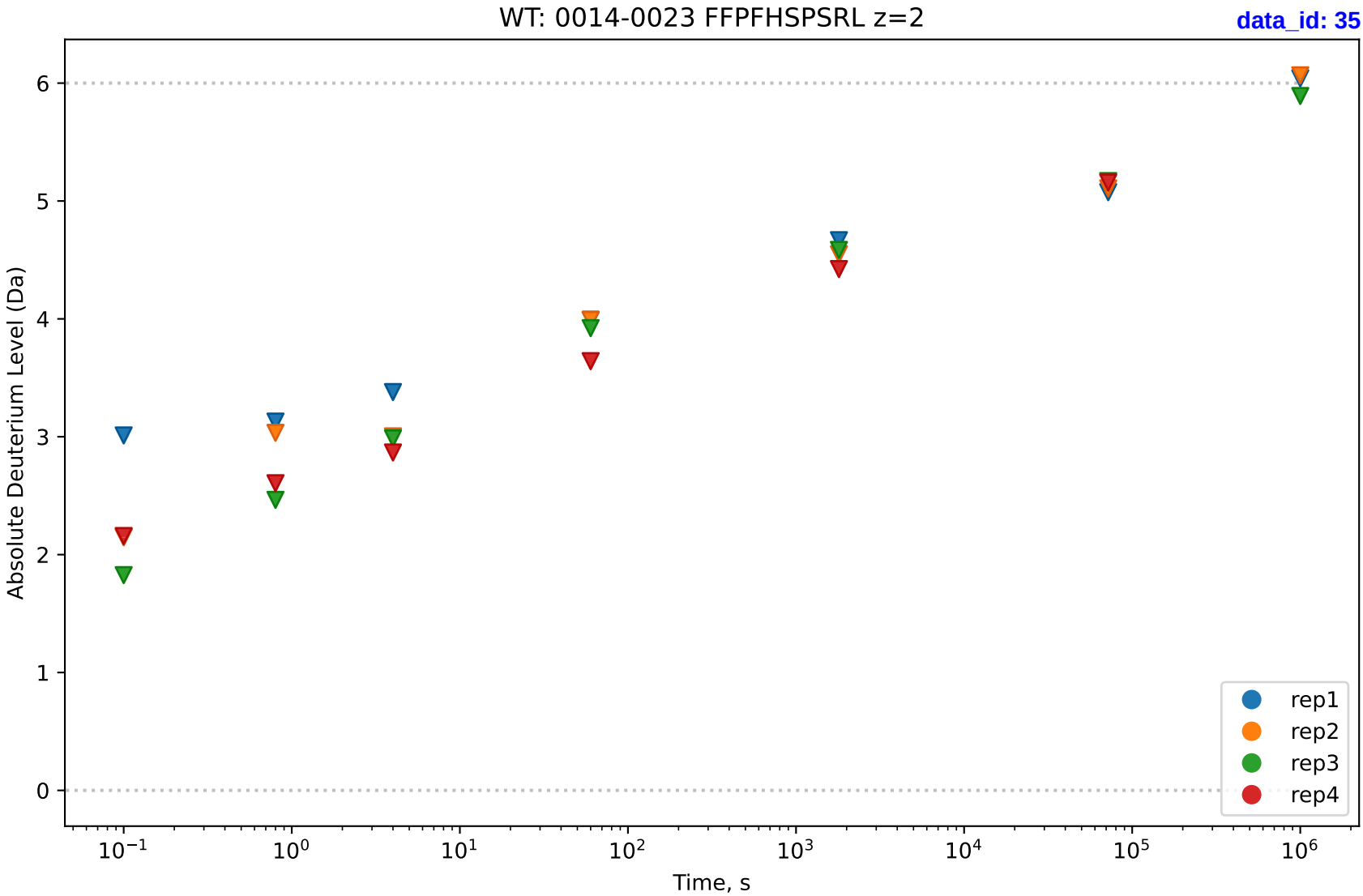
WT: 0013-0024 PFFPFHSPSRLF z=2
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
Replicates Overlay
UnDeut
0.1s, rep1
0.1s, rep2
0.1s, rep3
0.1s, rep4
0.1s
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
0.8s
4.0s, rep1
4.0s, rep2
4.0s, rep3
4.0s, rep4
4.0s
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, rep4
60.0s
1800.0s,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

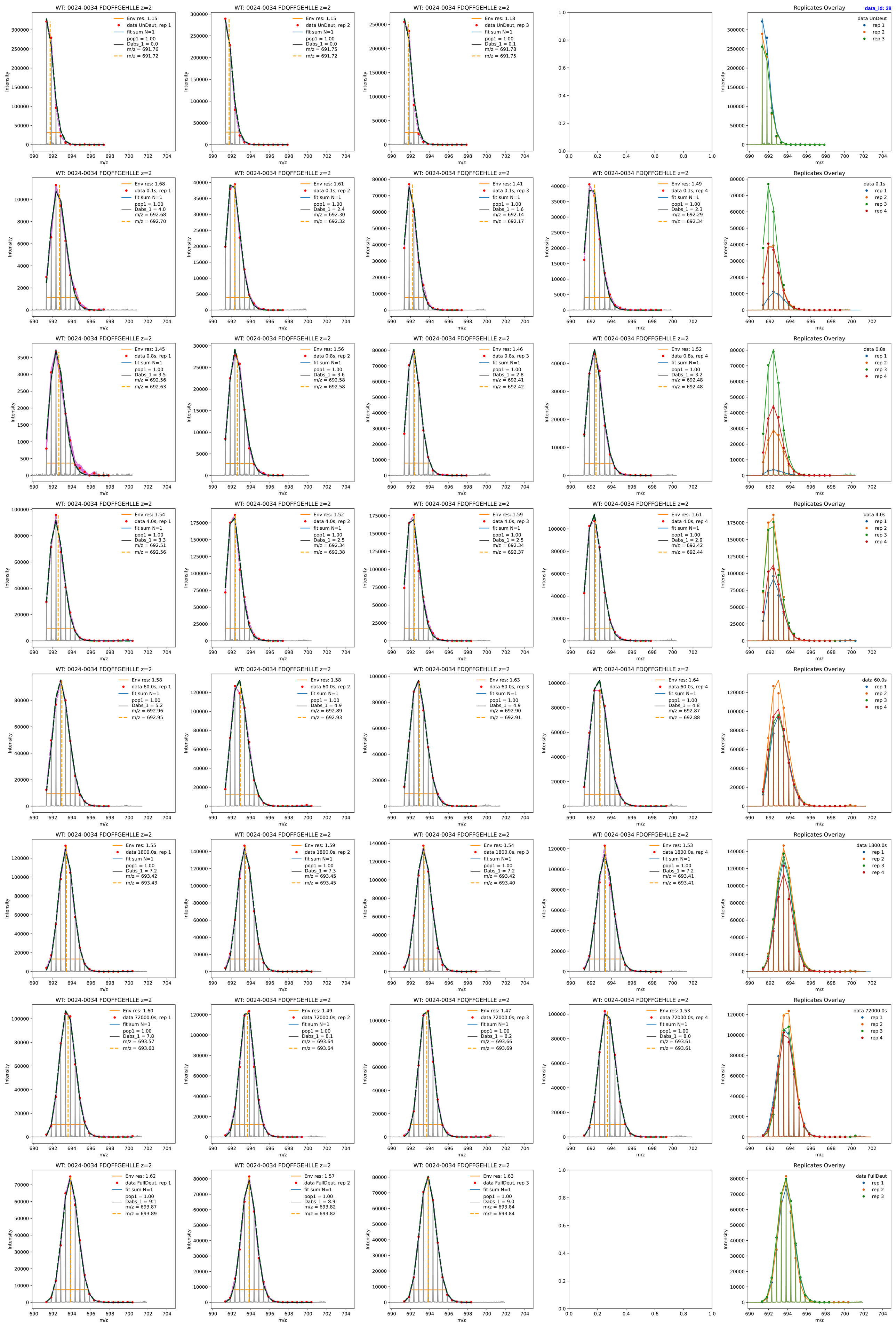

WT: 0013-0024 PFFPFHSPSRLF z=2
data_id: 32
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4


data_id: 35
WT: 0014-0023 FFPFHSPSRL z=2
Env res: 1.13
data UnDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.1
m/z = 618.22
m/z = 618.20
Env res: 1.13
data UnDeut, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.1
m/z = 618.23
m/z = 618.20
Env res: 1.12
data UnDeut, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.0
m/z = 618.21
m/z = 618.19
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 1.44
data 0.1s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.0
m/z = 618.97
m/z = 618.99
Env res: 1.38
data 0.1s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.1
m/z = 618.75
m/z = 618.78
Env res: 1.39
data 0.1s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 1.8
m/z = 618.67
m/z = 618.68
Env res: 1.44
data 0.1s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.2
m/z = 618.76
m/z = 618.77
data 0.1s
rep 1
rep 2
rep 3
rep 4
Env res: 1.41
data 0.8s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.1
m/z = 619.00
m/z = 619.00
Env res: 1.36
data 0.8s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.0
m/z = 618.98
m/z = 618.98
Env res: 1.27
data 0.8s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.5
m/z = 618.83
m/z = 618.85
Env res: 1.42
data 0.8s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.6
m/z = 618.87
m/z = 618.88
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 1.48
data 4.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.4
m/z = 619.06
m/z = 619.04
Env res: 1.47
data 4.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.0
m/z = 618.97
m/z = 618.96
Env res: 1.56
data 4.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.0
m/z = 618.97
m/z = 618.97
Env res: 1.38
data 4.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.9
m/z = 618.93
m/z = 618.96
data 4.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.36
data 60.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.0
m/z = 619.22
m/z = 619.21
Env res: 1.33
data 60.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.0
m/z = 619.22
m/z = 619.20
Env res: 1.34
data 60.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.9
m/z = 619.20
m/z = 619.19
Env res: 1.33
data 60.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.6
m/z = 619.13
m/z = 619.16
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.29
data 1800.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.7
m/z = 619.39
m/z = 619.37
Env res: 1.34
data 1800.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.5
m/z = 619.36
m/z = 619.37
Env res: 1.31
data 1800.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.6
m/z = 619.37
m/z = 619.37
Env res: 1.29
data 1800.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.4
m/z = 619.33
m/z = 619.35
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.33
data 72000.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.1
m/z = 619.50
m/z = 619.50
Env res: 1.31
data 72000.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.1
m/z = 619.50
m/z = 619.50
Env res: 1.39
data 72000.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.2
m/z = 619.52
m/z = 619.52
Env res: 1.38
data 72000.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.2
m/z = 619.52
m/z = 619.51
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.35
data FullDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 6.0
m/z = 619.75
m/z = 619.74
Env res: 1.31
data FullDeut, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 6.1
m/z = 619.75
m/z = 619.74
Env res: 1.37
data FullDeut, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.9
m/z = 619.70
m/z = 619.73
data FullDeut
rep 1
rep 2
rep 3
Intensity
m/z

data_id: 35

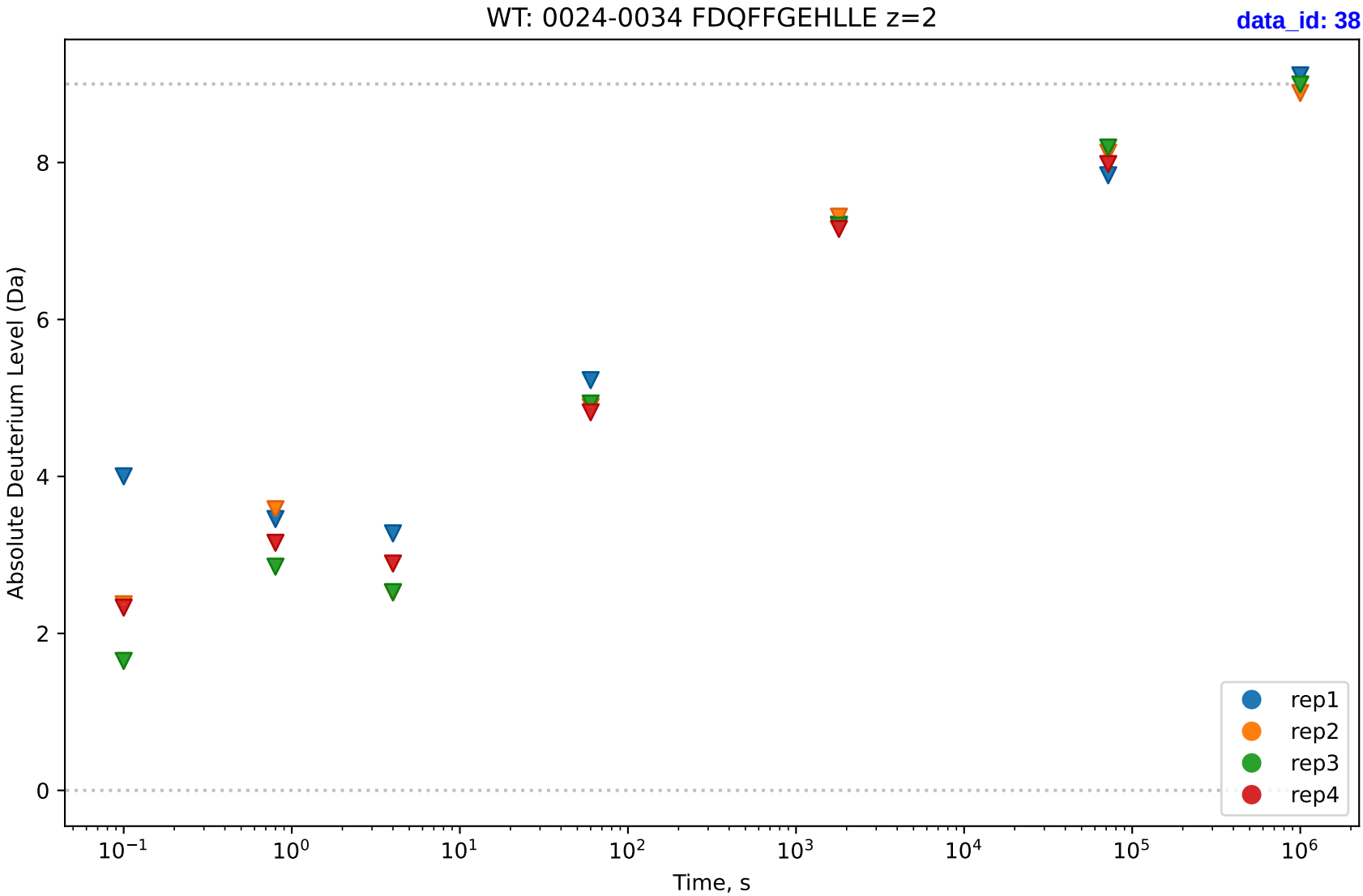
WT: 0014-0023 FFPFHSPSRL z=2
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
Replicates Overlay
UnDeut
0.1s, rep1
0.1s, rep2
0.1s, rep3
0.1s, rep4
0.1s
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
0.8s
4.0s, rep1
4.0s, rep2
4.0s, rep3
4.0s, rep4
4.0s
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, rep4
60.0s
1800.0s,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


WT: 0014-0023 FFPFHSPSRL z=2
data_id: 35
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4

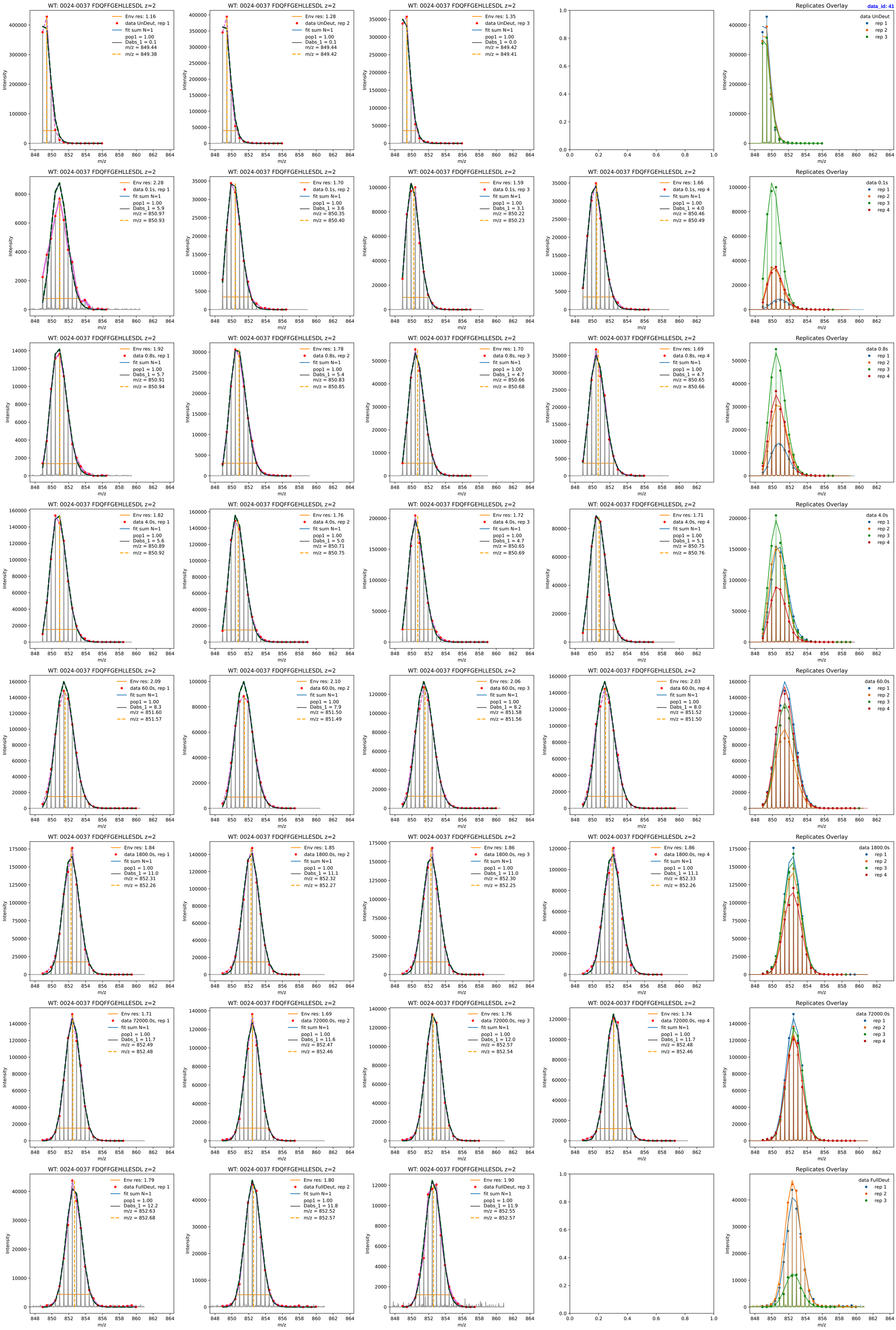

data_id: 38
WT: 0024-0034 FDQFFGEHLLE z=2
Env res: 1.15
data UnDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.0
m/z = 691.76
m/z = 691.72
Env res: 1.15
data UnDeut, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.0
m/z = 691.75
m/z = 691.72
Env res: 1.18
data UnDeut, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.1
m/z = 691.78
m/z = 691.75
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 1.68
data 0.1s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.0
m/z = 692.68
m/z = 692.70
Env res: 1.61
data 0.1s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.4
m/z = 692.30
m/z = 692.32
Env res: 1.41
data 0.1s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 1.6
m/z = 692.14
m/z = 692.17
Env res: 1.49
data 0.1s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.3
m/z = 692.29
m/z = 692.34
data 0.1s
rep 1
rep 2
rep 3
rep 4
Env res: 1.45
data 0.8s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.5
m/z = 692.56
m/z = 692.63
Env res: 1.56
data 0.8s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.6
m/z = 692.58
m/z = 692.58
Env res: 1.46
data 0.8s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.8
m/z = 692.41
m/z = 692.42
Env res: 1.52
data 0.8s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.2
m/z = 692.48
m/z = 692.48
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 1.54
data 4.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.3
m/z = 692.51
m/z = 692.56
Env res: 1.52
data 4.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.5
m/z = 692.34
m/z = 692.38
Env res: 1.59
data 4.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.5
m/z = 692.34
m/z = 692.37
Env res: 1.61
data 4.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.9
m/z = 692.42
m/z = 692.44
data 4.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.58
data 60.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.2
m/z = 692.96
m/z = 692.95
Env res: 1.58
data 60.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.9
m/z = 692.89
m/z = 692.93
Env res: 1.63
data 60.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.9
m/z = 692.90
m/z = 692.91
Env res: 1.64
data 60.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.8
m/z = 692.87
m/z = 692.88
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.55
data 1800.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 7.2
m/z = 693.42
m/z = 693.43
Env res: 1.59
data 1800.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 7.3
m/z = 693.45
m/z = 693.45
Env res: 1.54
data 1800.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 7.2
m/z = 693.42
m/z = 693.40
Env res: 1.53
data 1800.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 7.2
m/z = 693.41
m/z = 693.41
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.60
data 72000.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 7.8
m/z = 693.57
m/z = 693.60
Env res: 1.49
data 72000.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 8.1
m/z = 693.64
m/z = 693.64
Env res: 1.47
data 72000.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 8.2
m/z = 693.66
m/z = 693.69
Env res: 1.53
data 72000.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 8.0
m/z = 693.61
m/z = 693.61
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.62
data FullDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 9.1
m/z = 693.87
m/z = 693.89
Env res: 1.57
data FullDeut, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 8.9
m/z = 693.82
m/z = 693.82
Env res: 1.63
data FullDeut, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 9.0
m/z = 693.84
m/z = 693.84
data FullDeut
rep 1
rep 2
rep 3
Intensity
m/z

data_id: 38

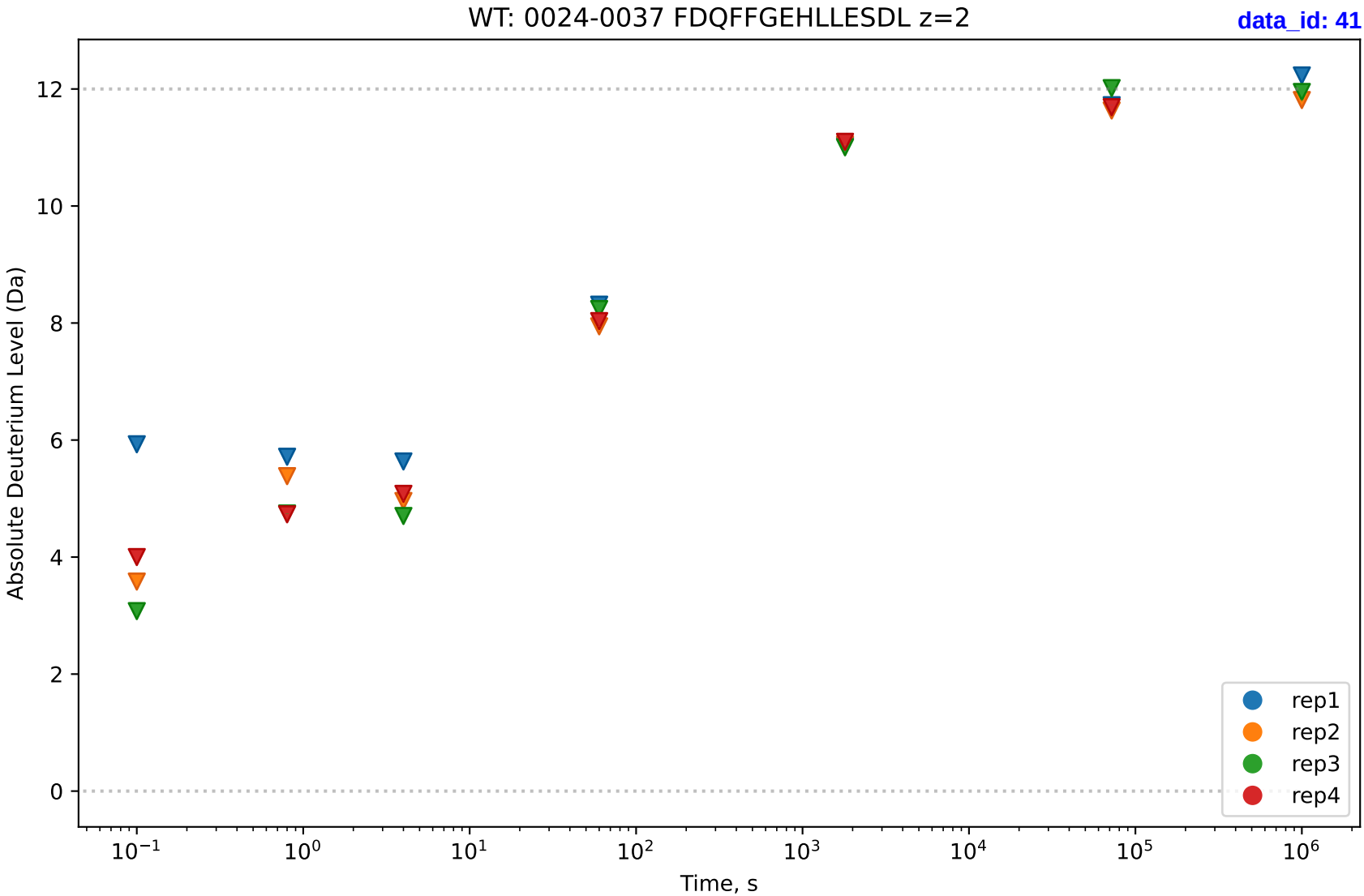
WT: 0024-0034 FDQFFGEHLLE z=2
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
Replicates Overlay
UnDeut
1_pop0
2_pop0
3_pop0
0.1s, rep1
0.1s, rep2
0.1s, rep3
0.1s, rep4
0.1s
4_pop0
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
0.8s
4.0s, rep1
4.0s, rep2
4.0s, rep3
4.0s, rep4
4.0s
60.0s, rep1
60.0s, rep2
60.0s,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

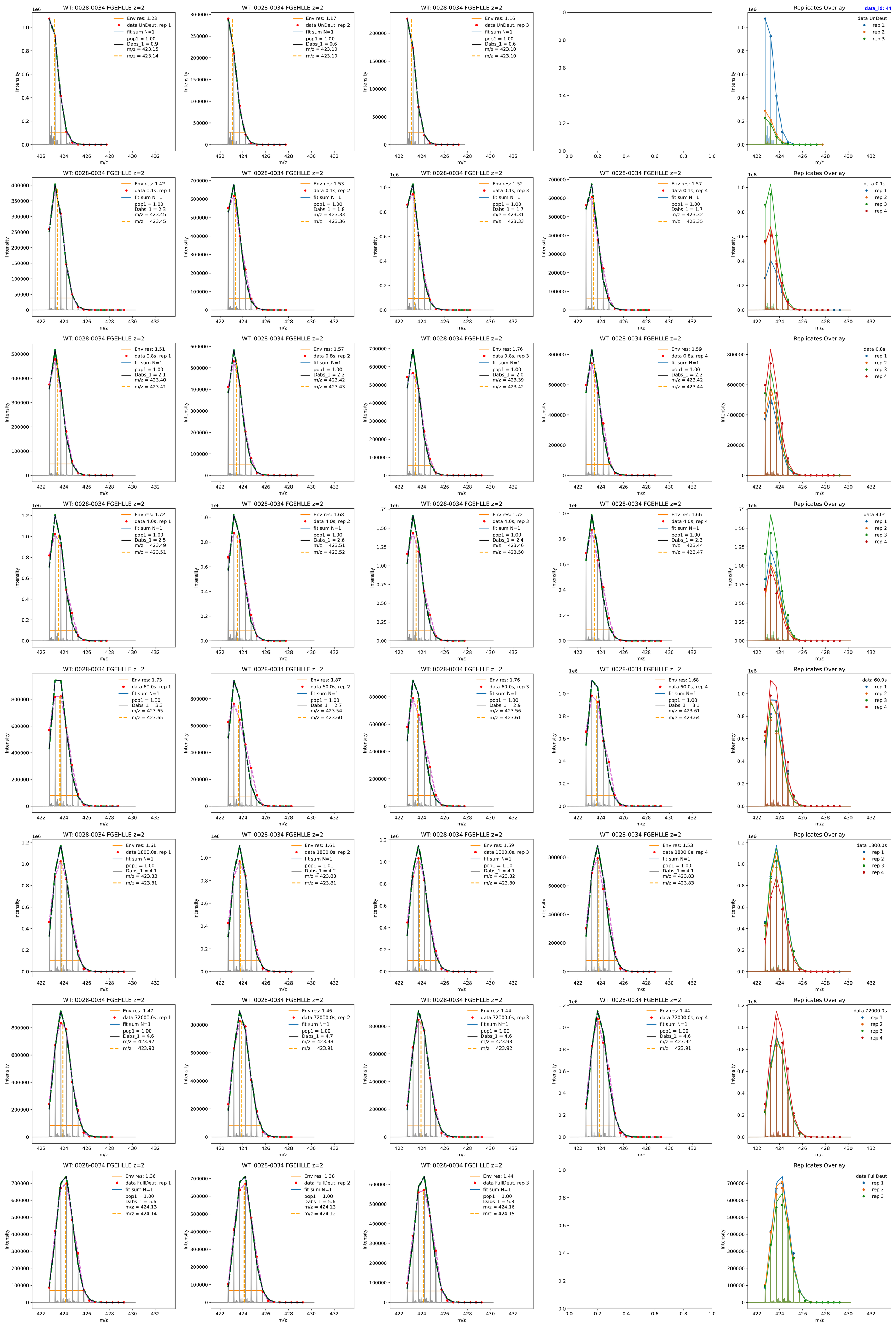

WT: 0024-0034 FDQFFGEHLLE z=2
data_id: 38
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4

data_id: 41


WT: 0024-0037 FDQFFGEHLLESDL z=2
Env res: 1.16
data UnDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.1
m/z = 849.44
m/z = 849.38
Env res: 1.28
data UnDeut, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.1
m/z = 849.44
m/z = 849.42
Env res: 1.35
data UnDeut, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.0
m/z = 849.42
m/z = 849.41
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 2.28
data 0.1s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.9
m/z = 850.97
m/z = 850.93
Env res: 1.70
data 0.1s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.6
m/z = 850.35
m/z = 850.40
Env res: 1.59
data 0.1s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.1
m/z = 850.22
m/z = 850.23
Env res: 1.66
data 0.1s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.0
m/z = 850.46
m/z = 850.49
data 0.1s
rep 1
rep 2
rep 3
rep 4
Env res: 1.92
data 0.8s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.7
m/z = 850.91
m/z = 850.94
Env res: 1.78
data 0.8s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.4
m/z = 850.83
m/z = 850.85
Env res: 1.70
data 0.8s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.7
m/z = 850.66
m/z = 850.68
Env res: 1.69
data 0.8s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.7
m/z = 850.65
m/z = 850.66
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 1.82
data 4.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.6
m/z = 850.89
m/z = 850.92
Env res: 1.76
data 4.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.0
m/z = 850.71
m/z = 850.75
Env res: 1.72
data 4.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.7
m/z = 850.65
m/z = 850.69
Env res: 1.71
data 4.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.1
m/z = 850.75
m/z = 850.76
data 4.0s
rep 1
rep 2
rep 3
rep 4
Env res: 2.09
data 60.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 8.3
m/z = 851.60
m/z = 851.57
Env res: 2.10
data 60.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 7.9
m/z = 851.50
m/z = 851.49
Env res: 2.06
data 60.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 8.2
m/z = 851.58
m/z = 851.56
Env res: 2.03
data 60.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 8.0
m/z = 851.52
m/z = 851.50
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.84
data 1800.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 11.0
m/z = 852.31
m/z = 852.26
Env res: 1.85
data 1800.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 11.1
m/z = 852.32
m/z = 852.27
Env res: 1.86
data 1800.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 11.0
m/z = 852.30
m/z = 852.25
Env res: 1.86
data 1800.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 11.1
m/z = 852.33
m/z = 852.26
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.71
data 72000.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 11.7
m/z = 852.49
m/z = 852.48
Env res: 1.69
data 72000.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 11.6
m/z = 852.47
m/z = 852.46
Env res: 1.76
data 72000.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 12.0
m/z = 852.57
m/z = 852.54
Env res: 1.74
data 72000.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 11.7
m/z = 852.48
m/z = 852.46
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.79
data FullDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 12.2
m/z = 852.63
m/z = 852.68
Env res: 1.80
data FullDeut, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 11.8
m/z = 852.52
m/z = 852.57
Env res: 1.90
data FullDeut, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 11.9
m/z = 852.55
m/z = 852.57
data FullDeut
rep 1
rep 2
rep 3
Intensity
m/z

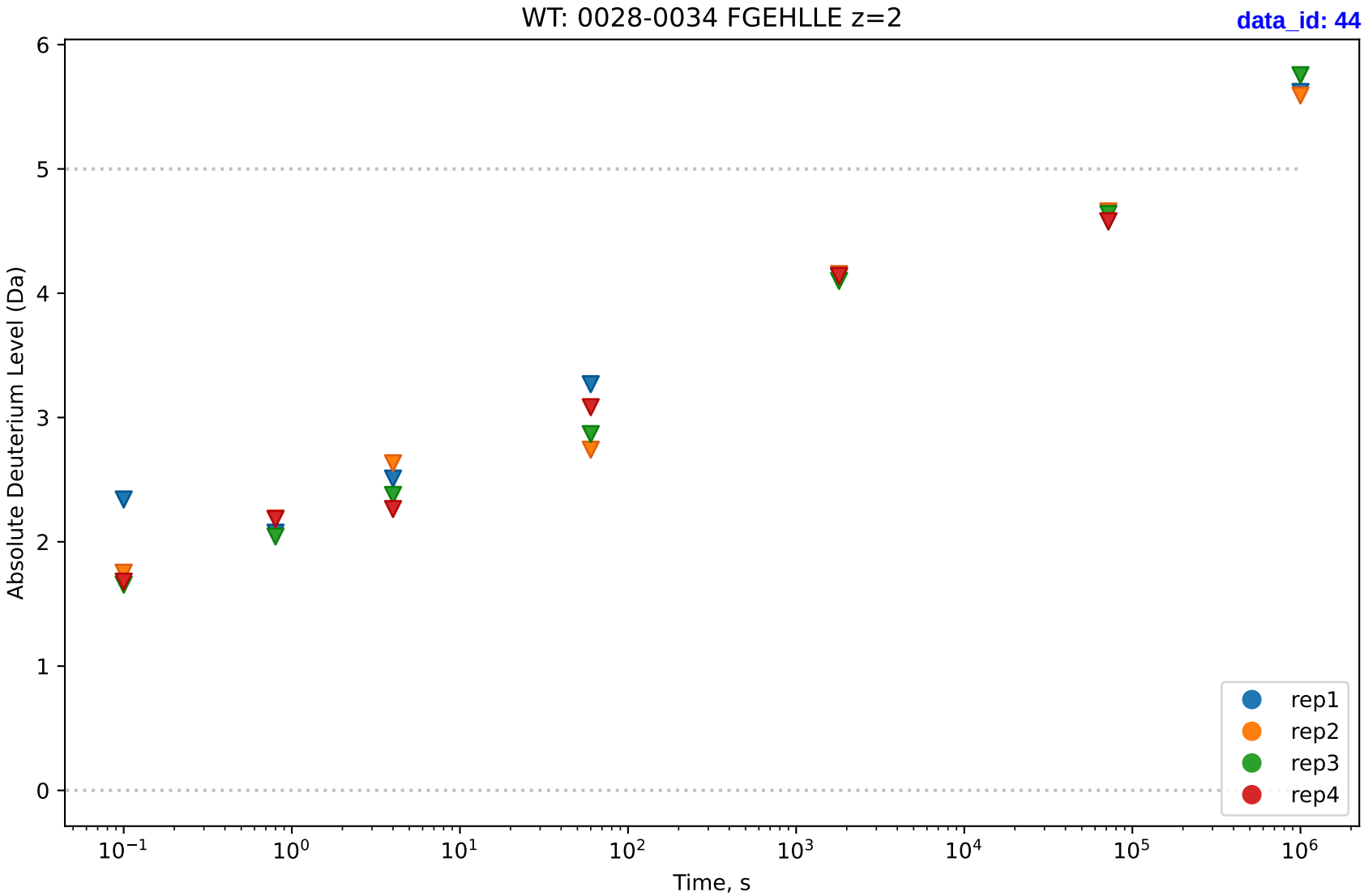
data_id: 41
WT: 0024-0037 FDQFFGEHLLESDL z=2
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
Replicates Overlay
UnDeut
1_pop0
2_pop0
3_pop0
0.1s, rep1
0.1s, rep2
0.1s, rep3
0.1s, rep4
0.1s
4_pop0
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
0.8s
4.0s, rep1
4.0s, rep2
4.0s, rep3
4.0s, rep4
4.0s
60.0s, rep1
60.0s, 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, rep3
FullDeut
pop0
Centroid
population
Absolute Deuterium Level (Da)


WT: 0024-0037 FDQFFGEHLLESDL z=2
data_id: 41
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4


data_id: 44
WT: 0028-0034 FGEHLLE z=2
Env res: 1.22
data UnDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.9
m/z = 423.15
m/z = 423.14
Env res: 1.17
data UnDeut, rep 2
Dabs_1 = 0.6
m/z = 423.10
Env res: 1.16
data UnDeut, rep 3
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 1.42
data 0.1s, rep 1
Dabs_1 = 2.3
m/z = 423.45
Env res: 1.53
data 0.1s, rep 2
Dabs_1 = 1.8
m/z = 423.33
m/z = 423.36
Env res: 1.52
data 0.1s, rep 3
Dabs_1 = 1.7
m/z = 423.31
m/z = 423.33
Env res: 1.57
data 0.1s, rep 4
Dabs_1 = 1.7
m/z = 423.32
m/z = 423.35
data 0.1s
rep 1
rep 2
rep 3
rep 4
Env res: 1.51
data 0.8s, rep 1
Dabs_1 = 2.1
m/z = 423.40
m/z = 423.41
Env res: 1.57
data 0.8s, rep 2
Dabs_1 = 2.2
m/z = 423.42
m/z = 423.43
Env res: 1.76
data 0.8s, rep 3
Dabs_1 = 2.0
m/z = 423.39
m/z = 423.42
Env res: 1.59
data 0.8s, rep 4
Dabs_1 = 2.2
m/z = 423.42
m/z = 423.44
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 1.72
data 4.0s, rep 1
Dabs_1 = 2.5
m/z = 423.49
m/z = 423.51
Env res: 1.68
data 4.0s, rep 2
Dabs_1 = 2.6
m/z = 423.51
m/z = 423.52
Env res: 1.72
data 4.0s, rep 3
Dabs_1 = 2.4
m/z = 423.46
m/z = 423.50
Env res: 1.66
data 4.0s, rep 4
Dabs_1 = 2.3
m/z = 423.44
m/z = 423.47
data 4.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.73
data 60.0s, rep 1
Dabs_1 = 3.3
m/z = 423.65
m/z = 423.65
Env res: 1.87
data 60.0s, rep 2
Dabs_1 = 2.7
m/z = 423.54
m/z = 423.60
Env res: 1.76
data 60.0s, rep 3
Dabs_1 = 2.9
m/z = 423.56
m/z = 423.61
Env res: 1.68
data 60.0s, rep 4
Dabs_1 = 3.1
m/z = 423.61
m/z = 423.64
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.61
data 1800.0s, rep 1
Dabs_1 = 4.1
m/z = 423.83
m/z = 423.81
Env res: 1.61
data 1800.0s, rep 2
Dabs_1 = 4.2
m/z = 423.83
m/z = 423.81
Env res: 1.59
data 1800.0s, rep 3
Dabs_1 = 4.1
m/z = 423.82
m/z = 423.80
Env res: 1.53
data 1800.0s, rep 4
Dabs_1 = 4.1
m/z = 423.83
m/z = 423.83
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.47
data 72000.0s, rep 1
Dabs_1 = 4.6
m/z = 423.92
m/z = 423.90
Env res: 1.46
data 72000.0s, rep 2
Dabs_1 = 4.7
m/z = 423.93
m/z = 423.91
Env res: 1.44
data 72000.0s, rep 3
Dabs_1 = 4.6
m/z = 423.93
m/z = 423.92
Env res: 1.44
data 72000.0s, rep 4
Dabs_1 = 4.6
m/z = 423.92
m/z = 423.91
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.36
data FullDeut, rep 1
Dabs_1 = 5.6
m/z = 424.13
m/z = 424.14
Env res: 1.38
data FullDeut, rep 2
Dabs_1 = 5.6
m/z = 424.13
m/z = 424.12
Env res: 1.44
data FullDeut, rep 3
Dabs_1 = 5.8
m/z = 424.16
m/z = 424.15
data FullDeut
rep 1
rep 2
rep 3
Intensity
m/z

data_id: 44

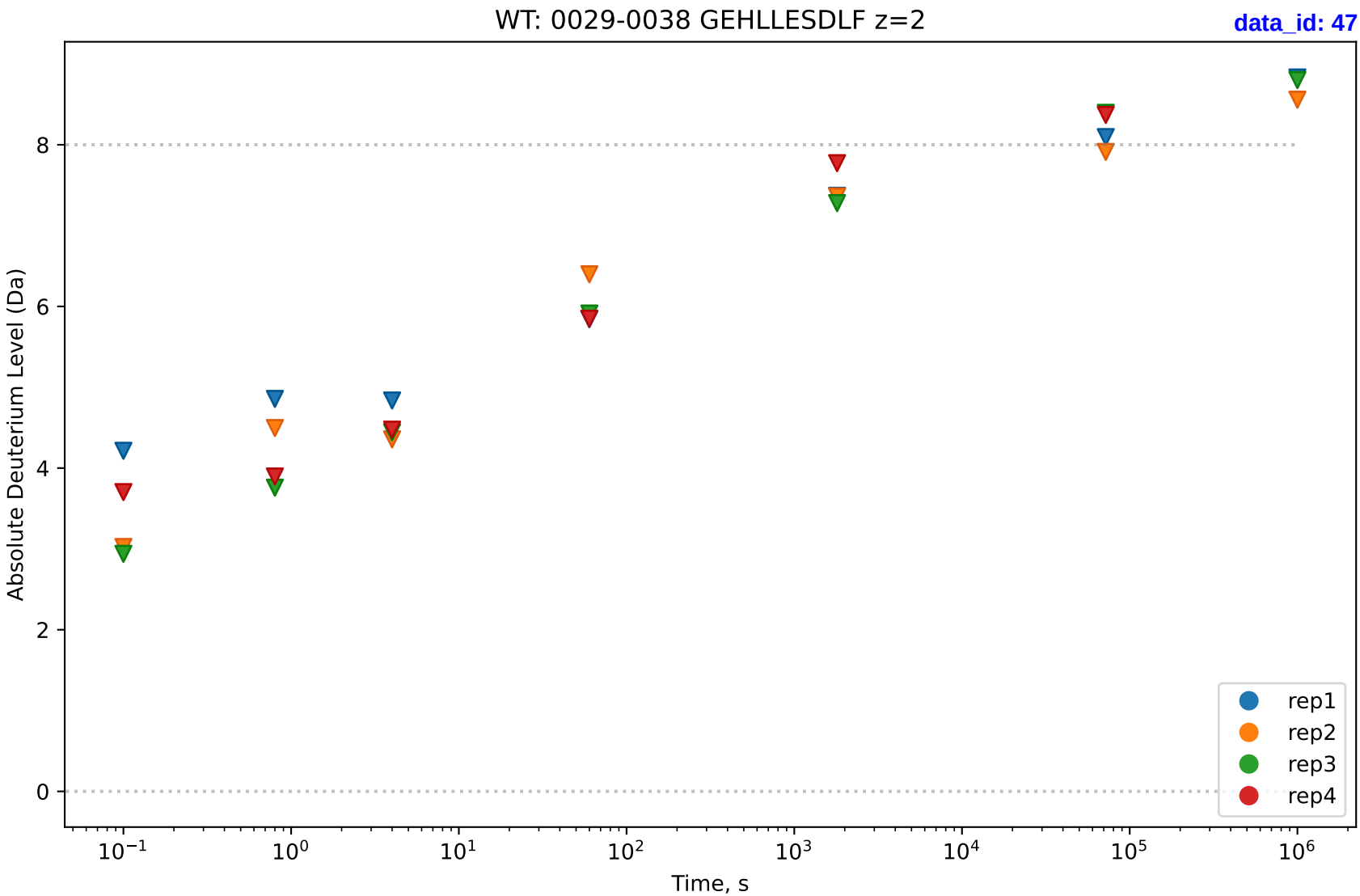
WT: 0028-0034 FGEHLLE z=2
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
Replicates Overlay
UnDeut
0.1s, rep1
0.1s, rep2
0.1s, rep3
0.1s, rep4
0.1s
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
0.8s
4.0s, rep1
4.0s, rep2
4.0s, rep3
4.0s, rep4
4.0s
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, rep4
60.0s
1800.0s,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


WT: 0028-0034 FGEHLLE z=2
data_id: 44
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4

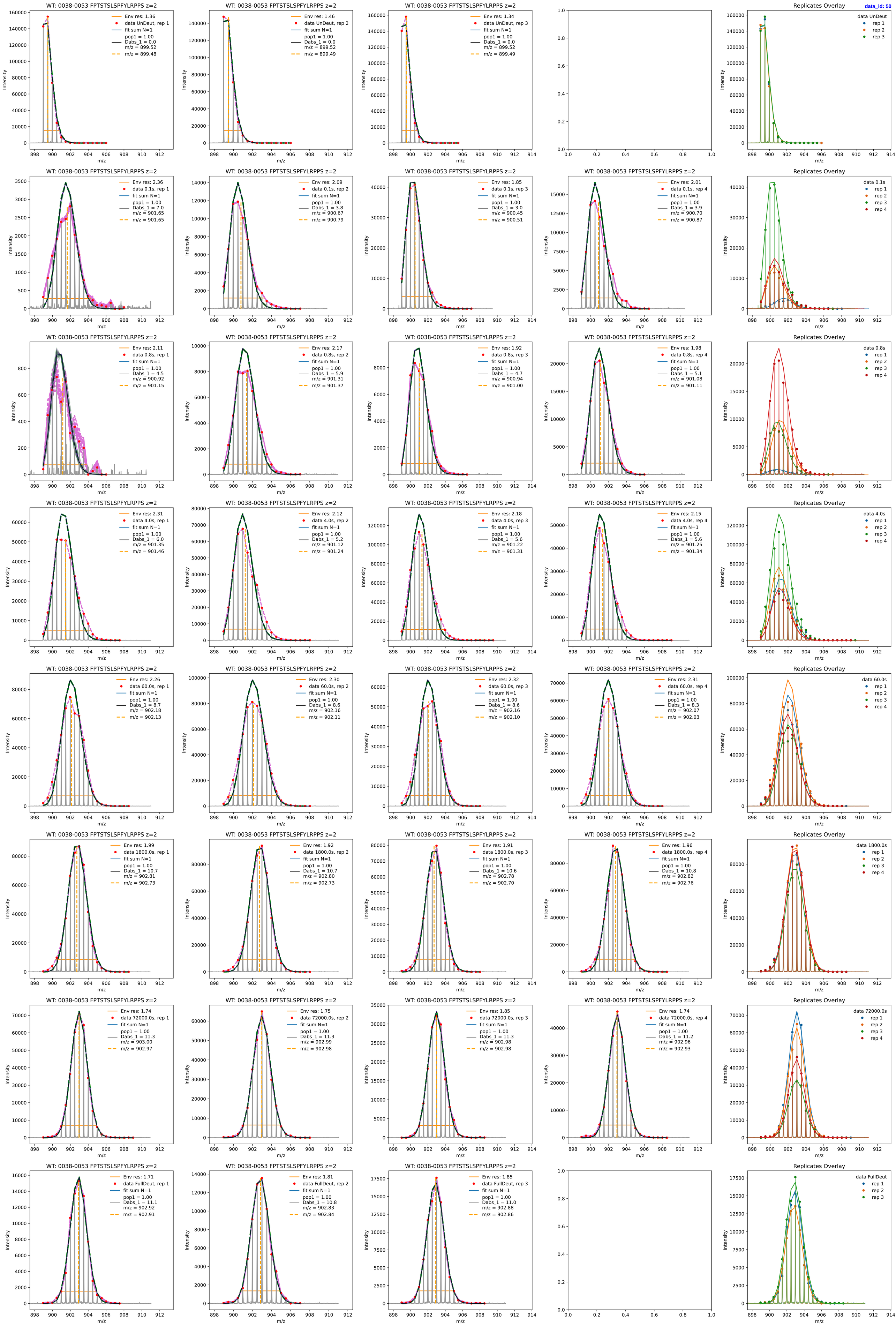
data_id: 47

WT: 0029-0038 GEHLLESDLF z=2
Env res: 1.25
data UnDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.6
m/z = 580.75
m/z = 580.75
Env res: 1.41
data UnDeut, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.9
m/z = 580.82
m/z = 580.83
Env res: 1.47
data UnDeut, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.9
m/z = 580.82
m/z = 580.81
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 1.86
data 0.1s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.2
m/z = 581.54
m/z = 581.57
Env res: 2.06
data 0.1s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.0
m/z = 581.28
m/z = 581.34
Env res: 2.08
data 0.1s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.9
m/z = 581.26
m/z = 581.30
Env res: 2.03
data 0.1s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.7
m/z = 581.43
m/z = 581.43
Replicates Overlay
data 0.1s
rep 1
rep 2
rep 3
rep 4
Env res: 1.81
data 0.8s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.9
m/z = 581.68
m/z = 581.65
Env res: 1.93
data 0.8s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.5
m/z = 581.60
m/z = 581.60
Env res: 2.15
data 0.8s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.8
m/z = 581.44
m/z = 581.47
Env res: 2.03
data 0.8s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.9
m/z = 581.47
m/z = 581.49
Replicates Overlay
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 2.08
data 4.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.8
m/z = 581.67
m/z = 581.68
Env res: 2.13
data 4.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.4
m/z = 581.57
m/z = 581.58
Env res: 2.23
data 4.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.4
m/z = 581.59
m/z = 581.61
Env res: 2.20
data 4.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.5
m/z = 581.60
m/z = 581.60
Replicates Overlay
data 4.0s
rep 1
rep 2
rep 3
rep 4
Env res: 2.13
data 60.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.8
m/z = 581.89
m/z = 581.89
Env res: 1.99
data 60.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 6.4
m/z = 582.01
m/z = 581.98
Env res: 2.06
data 60.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.9
m/z = 581.91
m/z = 581.90
Env res: 2.20
data 60.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.8
m/z = 581.89
m/z = 581.88
Replicates Overlay
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.77
data 1800.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 7.4
m/z = 582.22
m/z = 582.21
Env res: 1.78
data 1800.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 7.4
m/z = 582.22
m/z = 582.21
Env res: 1.78
data 1800.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 7.3
m/z = 582.20
m/z = 582.19
Env res: 1.79
data 1800.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 7.8
m/z = 582.31
m/z = 582.25
Replicates Overlay
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.75
data 72000.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 8.1
m/z = 582.38
m/z = 582.35
Env res: 1.73
data 72000.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 7.9
m/z = 582.34
m/z = 582.33
Env res: 1.77
data 72000.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 8.4
m/z = 582.44
m/z = 582.40
Env res: 1.74
data 72000.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 8.4
m/z = 582.44
m/z = 582.38
Replicates Overlay
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.83
data FullDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 8.8
m/z = 582.54
m/z = 582.52
Env res: 1.82
data FullDeut, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 8.6
m/z = 582.48
m/z = 582.46
Env res: 1.76
data FullDeut, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 8.8
m/z = 582.53
m/z = 582.49
Replicates Overlay
data FullDeut
rep 1
rep 2
rep 3
Intensity
m/z

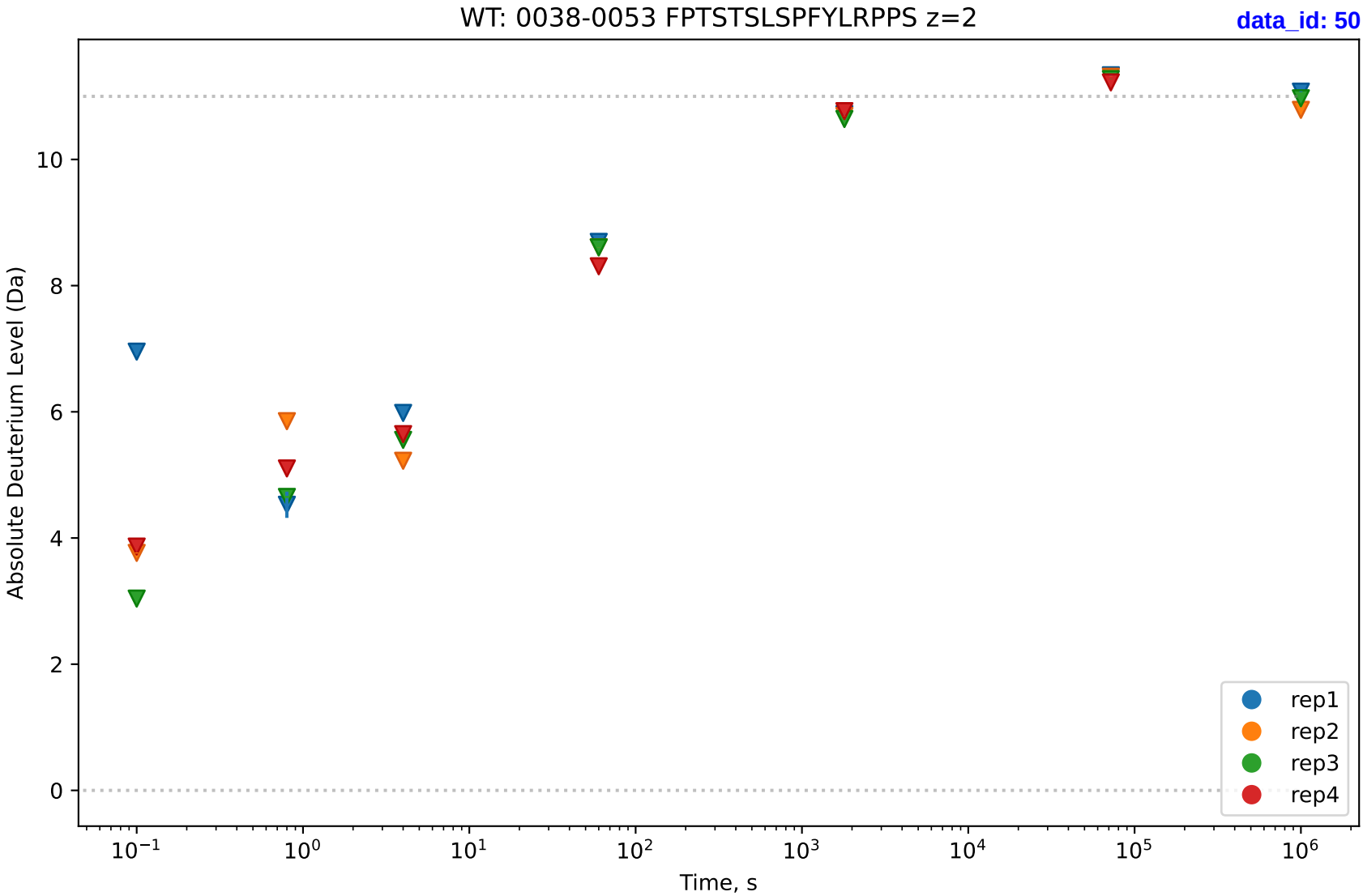
data_id: 47
WT: 0029-0038 GEHLLESDLF z=2
Replicates Overlay
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
UnDeut
0.1s, rep1
0.1s, rep2
0.1s, rep3
0.1s, rep4
0.1s
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
0.8s
4.0s, rep1
4.0s, rep2
4.0s, rep3
4.0s, rep4
4.0s
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, rep4
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, rep3
FullDeut
pop0
Centroid
1_pop0
2_pop0
3_pop0
4_pop0
population
Absolute Deuterium Level (Da)

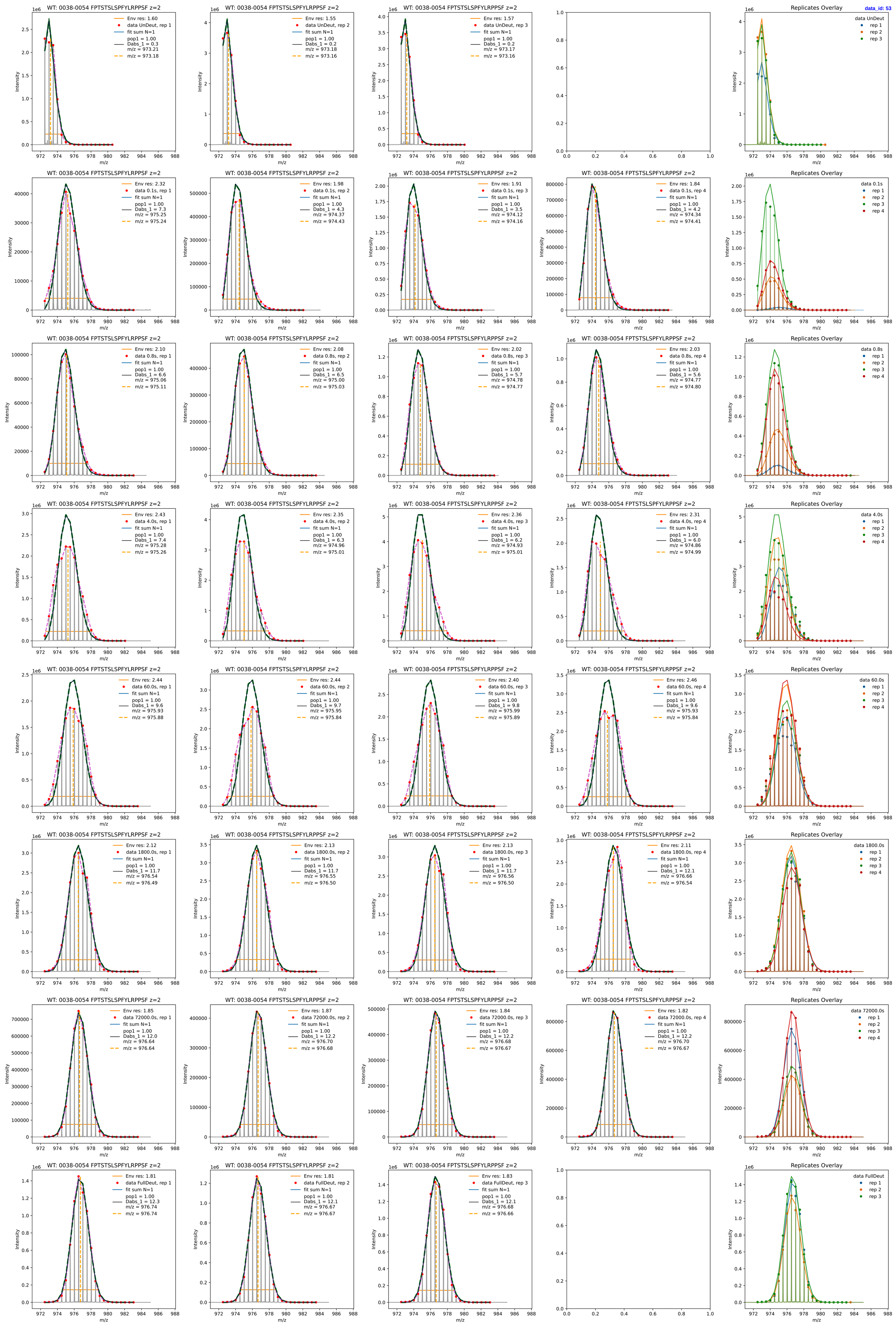

WT: 0029-0038 GEHLLESDLF z=2
data_id: 47
Absolute Deuterium Level (Da)
Time, s
0
2
4
6
8
10^{-1}
10^{0}
10^{1}
10^{2}
10^{3}
10^{4}
10^{5}
10^{6}
rep1
rep2
rep3
rep4

data_id: 50

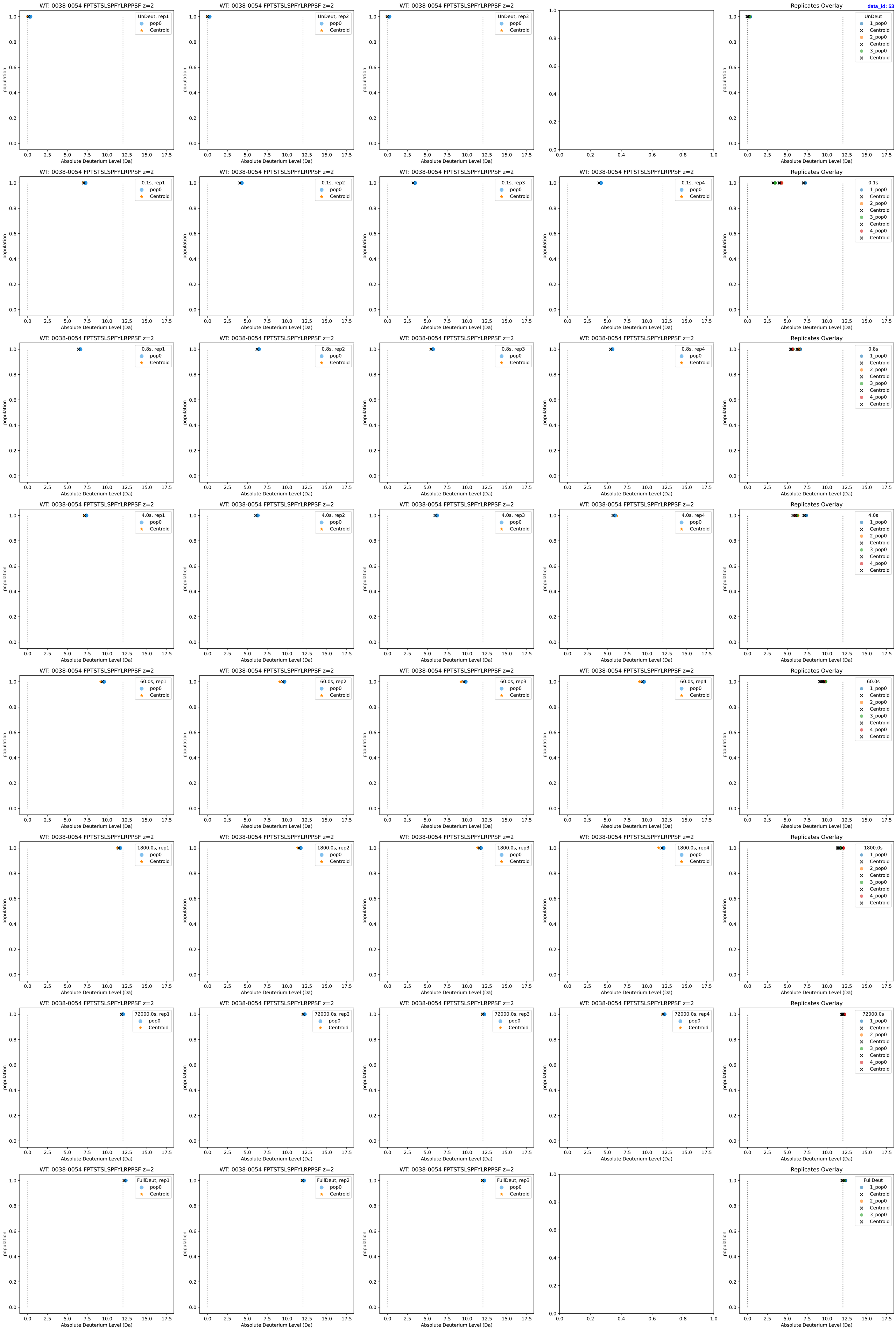

WT: 0038-0053 FPTSTSLSPFYLRPPS z=2
Env res: 1.36
data UnDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.0
m/z = 899.52
m/z = 899.48
Env res: 1.46
data UnDeut, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.0
m/z = 899.52
m/z = 899.49
Env res: 1.34
data UnDeut, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.0
m/z = 899.52
m/z = 899.49
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 2.36
data 0.1s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 7.0
m/z = 901.65
m/z = 901.65
Env res: 2.09
data 0.1s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.8
m/z = 900.67
m/z = 900.79
Env res: 1.85
data 0.1s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.0
m/z = 900.45
m/z = 900.51
Env res: 2.01
data 0.1s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.9
m/z = 900.70
m/z = 900.87
Replicates Overlay
data 0.1s
rep 1
rep 2
rep 3
rep 4
Env res: 2.11
data 0.8s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.5
m/z = 900.92
m/z = 901.15
Env res: 2.17
data 0.8s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.9
m/z = 901.31
m/z = 901.37
Env res: 1.92
data 0.8s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.7
m/z = 900.94
m/z = 901.00
Env res: 1.98
data 0.8s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.1
m/z = 901.08
m/z = 901.11
Replicates Overlay
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 2.31
data 4.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 6.0
m/z = 901.35
m/z = 901.46
Env res: 2.12
data 4.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.2
m/z = 901.12
m/z = 901.24
Env res: 2.18
data 4.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.6
m/z = 901.22
m/z = 901.31
Env res: 2.15
data 4.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.6
m/z = 901.25
m/z = 901.34
Replicates Overlay
data 4.0s
rep 1
rep 2
rep 3
rep 4
Env res: 2.26
data 60.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 8.7
m/z = 902.18
m/z = 902.13
Env res: 2.30
data 60.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 8.6
m/z = 902.16
m/z = 902.11
Env res: 2.32
data 60.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 8.6
m/z = 902.16
m/z = 902.10
Env res: 2.31
data 60.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 8.3
m/z = 902.07
m/z = 902.03
Replicates Overlay
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.99
data 1800.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 10.7
m/z = 902.81
m/z = 902.73
Env res: 1.92
data 1800.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 10.7
m/z = 902.80
m/z = 902.73
Env res: 1.91
data 1800.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 10.6
m/z = 902.78
m/z = 902.70
Env res: 1.96
data 1800.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 10.8
m/z = 902.82
m/z = 902.76
Replicates Overlay
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.74
data 72000.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 11.3
m/z = 903.00
m/z = 902.97
Env res: 1.75
data 72000.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 11.3
m/z = 902.99
m/z = 902.98
Env res: 1.85
data 72000.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 11.3
m/z = 902.98
m/z = 902.98
Env res: 1.74
data 72000.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 11.2
m/z = 902.96
m/z = 902.93
Replicates Overlay
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.71
data FullDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 11.1
m/z = 902.92
m/z = 902.91
Env res: 1.81
data FullDeut, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 10.8
m/z = 902.83
m/z = 902.84
Env res: 1.85
data FullDeut, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 11.0
m/z = 902.88
m/z = 902.86
Replicates Overlay
data FullDeut
rep 1
rep 2
rep 3
Intensity
m/z

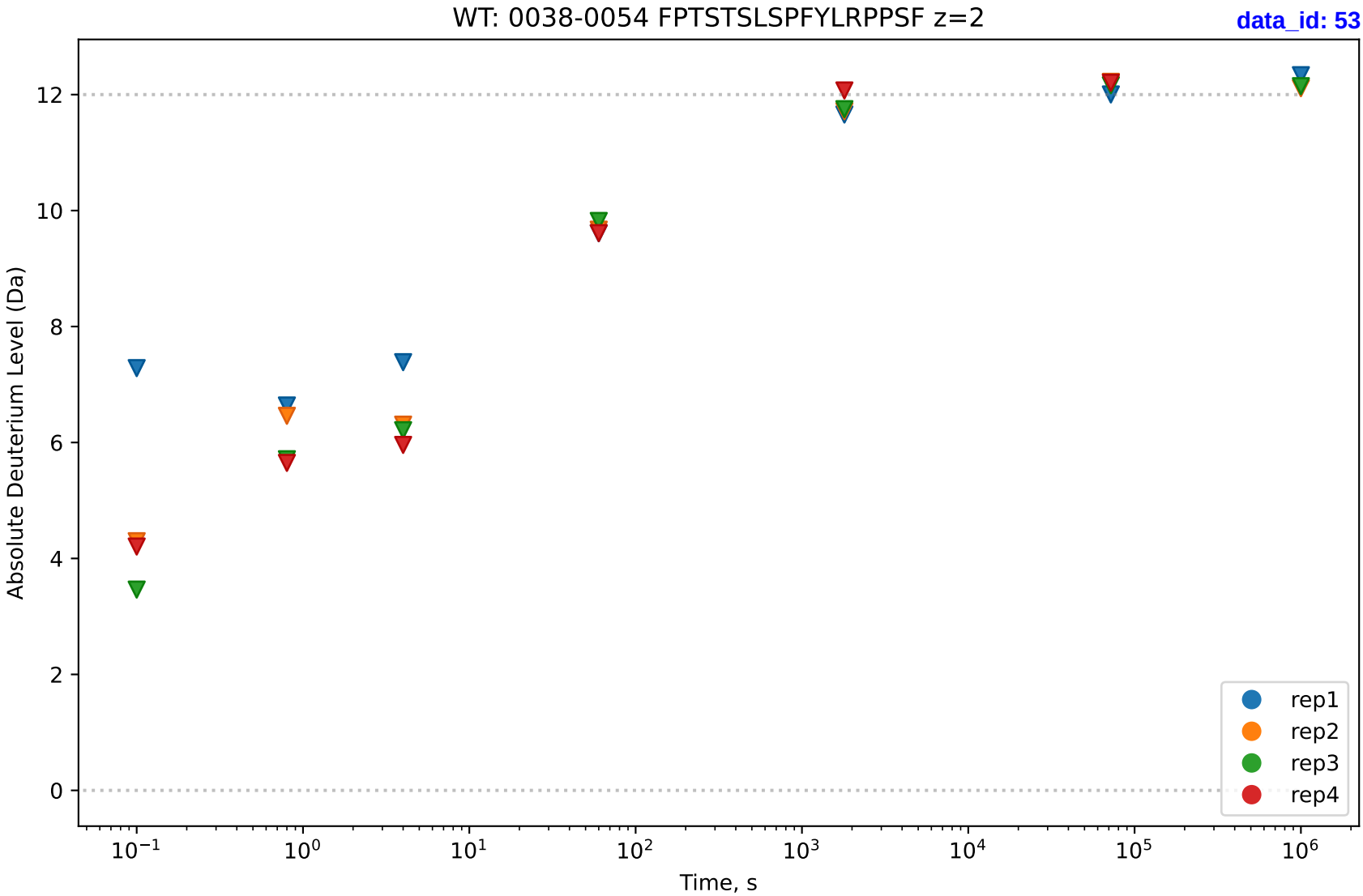
data_id: 50
WT: 0038-0053 FPTSTSLSPFYLRPPS z=2
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
Replicates Overlay
UnDeut
0.1s, rep1
0.1s, rep2
0.1s, rep3
0.1s, rep4
0.1s
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
0.8s
4.0s, rep1
4.0s, rep2
4.0s, rep3
4.0s, rep4
4.0s
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, 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, rep3
FullDeut
1_pop0
2_pop0
3_pop0
4_pop0
pop0
Centroid
population
Absolute Deuterium Level (Da)


WT: 0038-0053 FPTSTSLSPFYLRPPS z=2
data_id: 50
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4

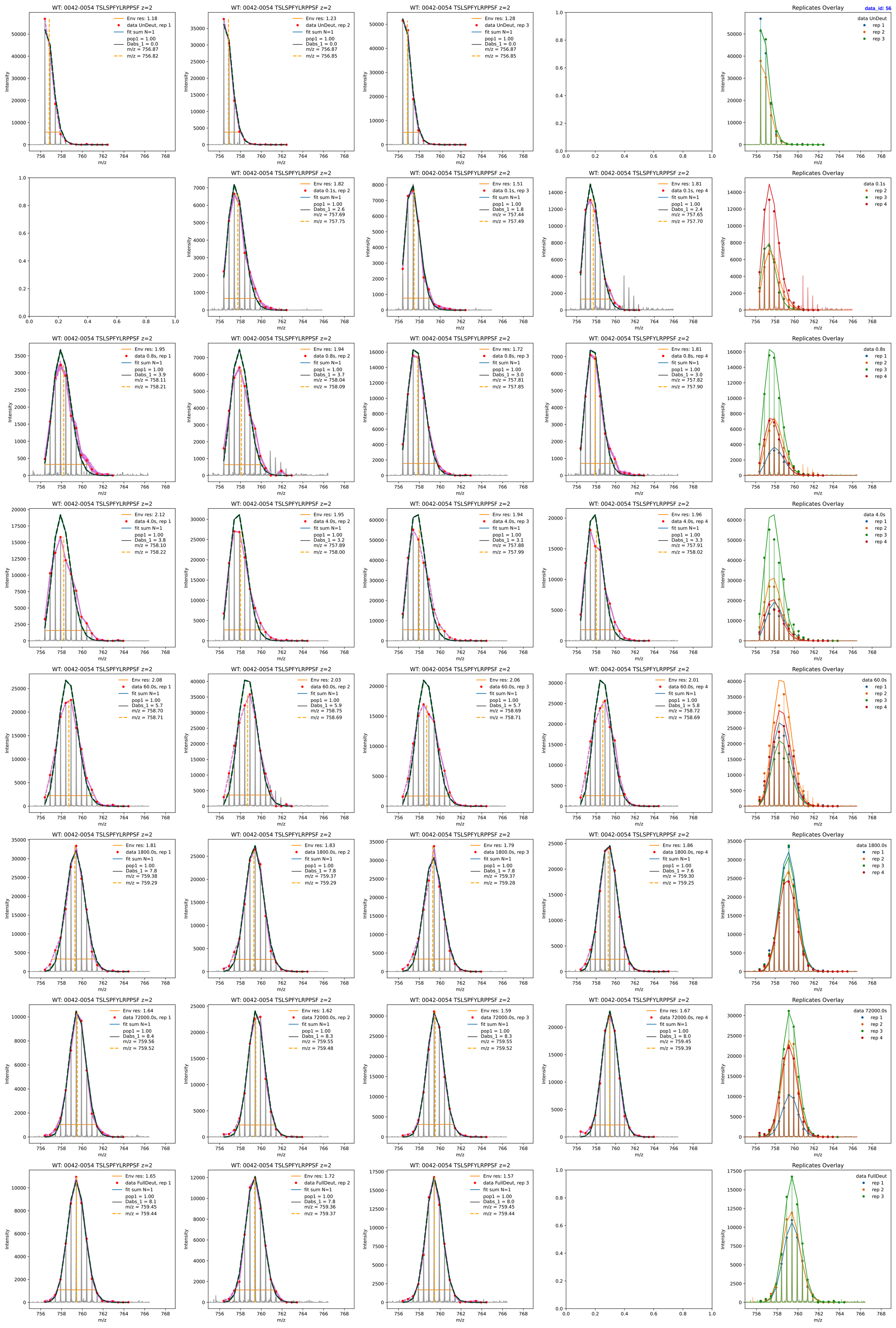

data_id: 53
WT: 0038-0054 FPTSTSLSPFYLRPPSF z=2
Env res: 1.60
data UnDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.3
m/z = 973.21
m/z = 973.18
Env res: 1.55
data UnDeut, rep 2
Dabs_1 = 0.2
m/z = 973.18
m/z = 973.16
Env res: 1.57
data UnDeut, rep 3
Dabs_1 = 0.2
m/z = 973.17
m/z = 973.16
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 2.32
data 0.1s, rep 1
Dabs_1 = 7.3
m/z = 975.25
m/z = 975.24
Env res: 1.98
data 0.1s, rep 2
Dabs_1 = 4.3
m/z = 974.37
m/z = 974.43
Env res: 1.91
data 0.1s, rep 3
Dabs_1 = 3.5
m/z = 974.12
m/z = 974.16
Env res: 1.84
data 0.1s, rep 4
Dabs_1 = 4.2
m/z = 974.34
m/z = 974.41
data 0.1s
rep 1
rep 2
rep 3
rep 4
Env res: 2.10
data 0.8s, rep 1
Dabs_1 = 6.6
m/z = 975.06
m/z = 975.11
Env res: 2.08
data 0.8s, rep 2
Dabs_1 = 6.5
m/z = 975.00
m/z = 975.03
Env res: 2.02
data 0.8s, rep 3
Dabs_1 = 5.7
m/z = 974.78
m/z = 974.77
Env res: 2.03
data 0.8s, rep 4
Dabs_1 = 5.6
m/z = 974.77
m/z = 974.80
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 2.43
data 4.0s, rep 1
Dabs_1 = 7.4
m/z = 975.28
m/z = 975.26
Env res: 2.35
data 4.0s, rep 2
Dabs_1 = 6.3
m/z = 974.96
m/z = 975.01
Env res: 2.36
data 4.0s, rep 3
Dabs_1 = 6.2
m/z = 974.93
m/z = 975.01
Env res: 2.31
data 4.0s, rep 4
Dabs_1 = 6.0
m/z = 974.86
m/z = 974.99
data 4.0s
rep 1
rep 2
rep 3
rep 4
Env res: 2.44
data 60.0s, rep 1
Dabs_1 = 9.6
m/z = 975.93
m/z = 975.88
Env res: 2.44
data 60.0s, rep 2
Dabs_1 = 9.7
m/z = 975.95
m/z = 975.84
Env res: 2.40
data 60.0s, rep 3
Dabs_1 = 9.8
m/z = 975.99
m/z = 975.89
Env res: 2.46
data 60.0s, rep 4
Dabs_1 = 9.6
m/z = 975.93
m/z = 975.84
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 2.12
data 1800.0s, rep 1
Dabs_1 = 11.7
m/z = 976.54
m/z = 976.49
Env res: 2.13
data 1800.0s, rep 2
Dabs_1 = 11.7
m/z = 976.55
m/z = 976.50
Env res: 2.13
data 1800.0s, rep 3
Dabs_1 = 11.7
m/z = 976.56
m/z = 976.50
Env res: 2.11
data 1800.0s, rep 4
Dabs_1 = 12.1
m/z = 976.66
m/z = 976.54
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.85
data 72000.0s, rep 1
Dabs_1 = 12.0
m/z = 976.64
m/z = 976.64
Env res: 1.87
data 72000.0s, rep 2
Dabs_1 = 12.2
m/z = 976.70
m/z = 976.68
Env res: 1.84
data 72000.0s, rep 3
Dabs_1 = 12.2
m/z = 976.68
m/z = 976.67
Env res: 1.82
data 72000.0s, rep 4
Dabs_1 = 12.2
m/z = 976.70
m/z = 976.67
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.81
data FullDeut, rep 1
Dabs_1 = 12.3
m/z = 976.74
m/z = 976.74
Env res: 1.81
data FullDeut, rep 2
Dabs_1 = 12.1
m/z = 976.67
m/z = 976.67
Env res: 1.83
data FullDeut, rep 3
Dabs_1 = 12.1
m/z = 976.68
m/z = 976.66
data FullDeut
rep 1
rep 2
rep 3
Intensity
m/z

data_id: 53


WT: 0038-0054 FPTSTSLSPFYLRPPSF z=2
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
Replicates Overlay
UnDeut
1_pop0
2_pop0
3_pop0
0.1s, rep1
0.1s, rep2
0.1s, rep3
0.1s, rep4
0.1s
4_pop0
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, rep4
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, rep3
FullDeut
pop0
Centroid
population
Absolute Deuterium Level (Da)

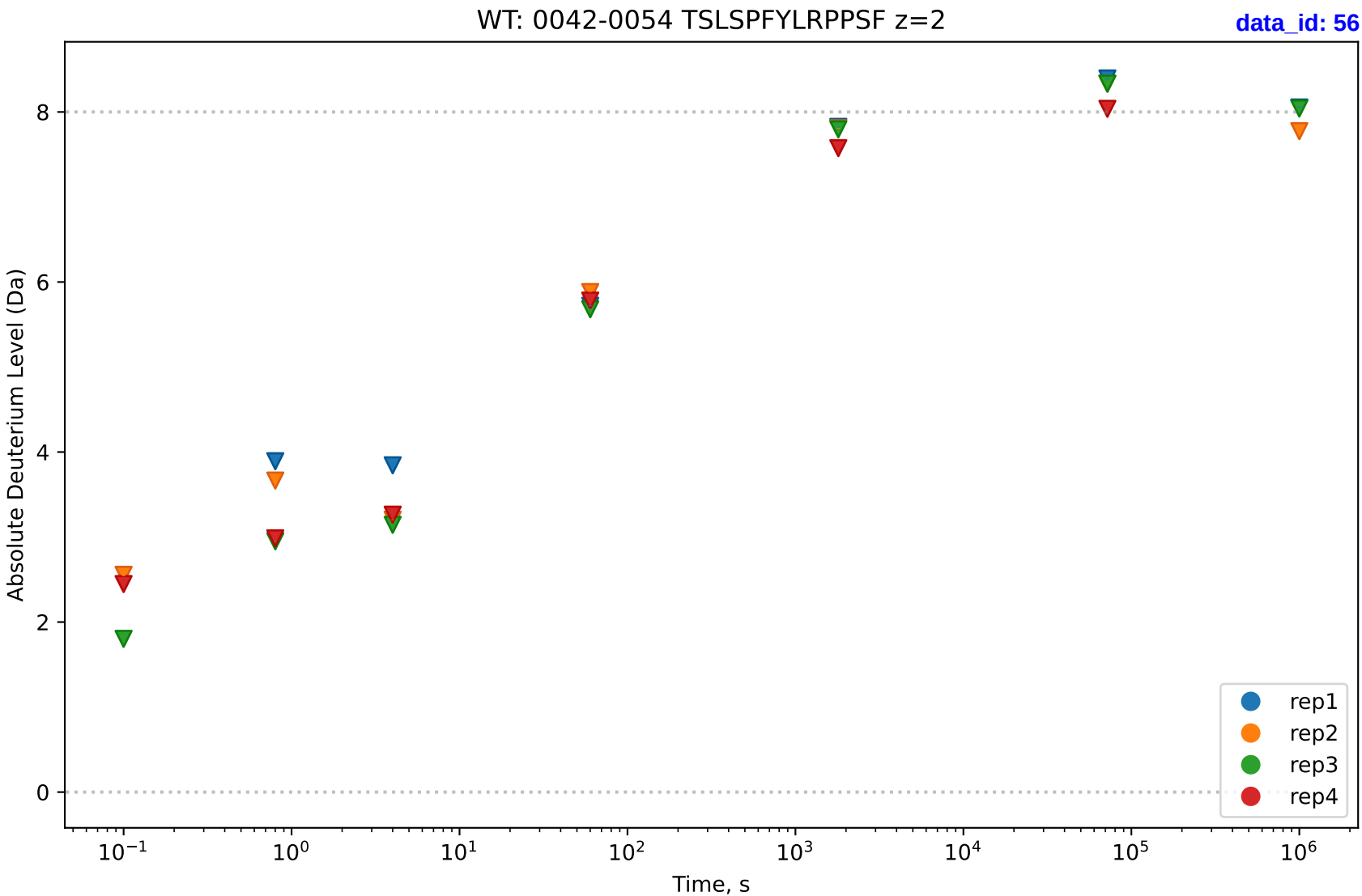

WT: 0038-0054 FPTSTSLSPFYLRPPSF z=2
data_id: 53
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4

data_id: 56


WT: 0042-0054 TSLSPFYLRPPSF z=2
Env res: 1.18
data UnDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.0
m/z = 756.87
m/z = 756.82
Env res: 1.23
data UnDeut, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.0
m/z = 756.87
m/z = 756.85
Env res: 1.28
data UnDeut, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.0
m/z = 756.87
m/z = 756.85
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 1.82
data 0.1s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.6
m/z = 757.69
m/z = 757.75
Env res: 1.51
data 0.1s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 1.8
m/z = 757.44
m/z = 757.49
Env res: 1.81
data 0.1s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.4
m/z = 757.65
m/z = 757.70
Replicates Overlay
data 0.1s
rep 2
rep 3
rep 4
Env res: 1.95
data 0.8s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.9
m/z = 758.11
m/z = 758.21
Env res: 1.94
data 0.8s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.7
m/z = 758.04
m/z = 758.09
Env res: 1.72
data 0.8s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.0
m/z = 757.81
m/z = 757.85
Env res: 1.81
data 0.8s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.0
m/z = 757.82
m/z = 757.90
Replicates Overlay
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 2.12
data 4.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.8
m/z = 758.10
m/z = 758.22
Env res: 1.95
data 4.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.2
m/z = 757.89
m/z = 758.00
Env res: 1.94
data 4.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.1
m/z = 757.88
m/z = 757.99
Env res: 1.96
data 4.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.3
m/z = 757.91
m/z = 758.02
Replicates Overlay
data 4.0s
rep 1
rep 2
rep 3
rep 4
Env res: 2.08
data 60.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.7
m/z = 758.70
m/z = 758.71
Env res: 2.03
data 60.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.9
m/z = 758.75
m/z = 758.69
Env res: 2.06
data 60.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.7
m/z = 758.69
m/z = 758.71
Env res: 2.01
data 60.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.8
m/z = 758.72
m/z = 758.69
Replicates Overlay
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.81
data 1800.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 7.8
m/z = 759.38
m/z = 759.29
Env res: 1.83
data 1800.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 7.8
m/z = 759.37
m/z = 759.29
Env res: 1.79
data 1800.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 7.8
m/z = 759.37
m/z = 759.28
Env res: 1.86
data 1800.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 7.6
m/z = 759.30
m/z = 759.25
Replicates Overlay
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.64
data 72000.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 8.4
m/z = 759.56
m/z = 759.52
Env res: 1.62
data 72000.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 8.3
m/z = 759.55
m/z = 759.48
Env res: 1.59
data 72000.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 8.3
m/z = 759.55
m/z = 759.52
Env res: 1.67
data 72000.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 8.0
m/z = 759.45
m/z = 759.39
Replicates Overlay
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.65
data FullDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 8.1
m/z = 759.45
m/z = 759.44
Env res: 1.72
data FullDeut, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 7.8
m/z = 759.36
m/z = 759.37
Env res: 1.57
data FullDeut, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 8.0
m/z = 759.45
m/z = 759.44
Replicates Overlay
data FullDeut
rep 1
rep 2
rep 3
Intensity
m/z

data_id: 56

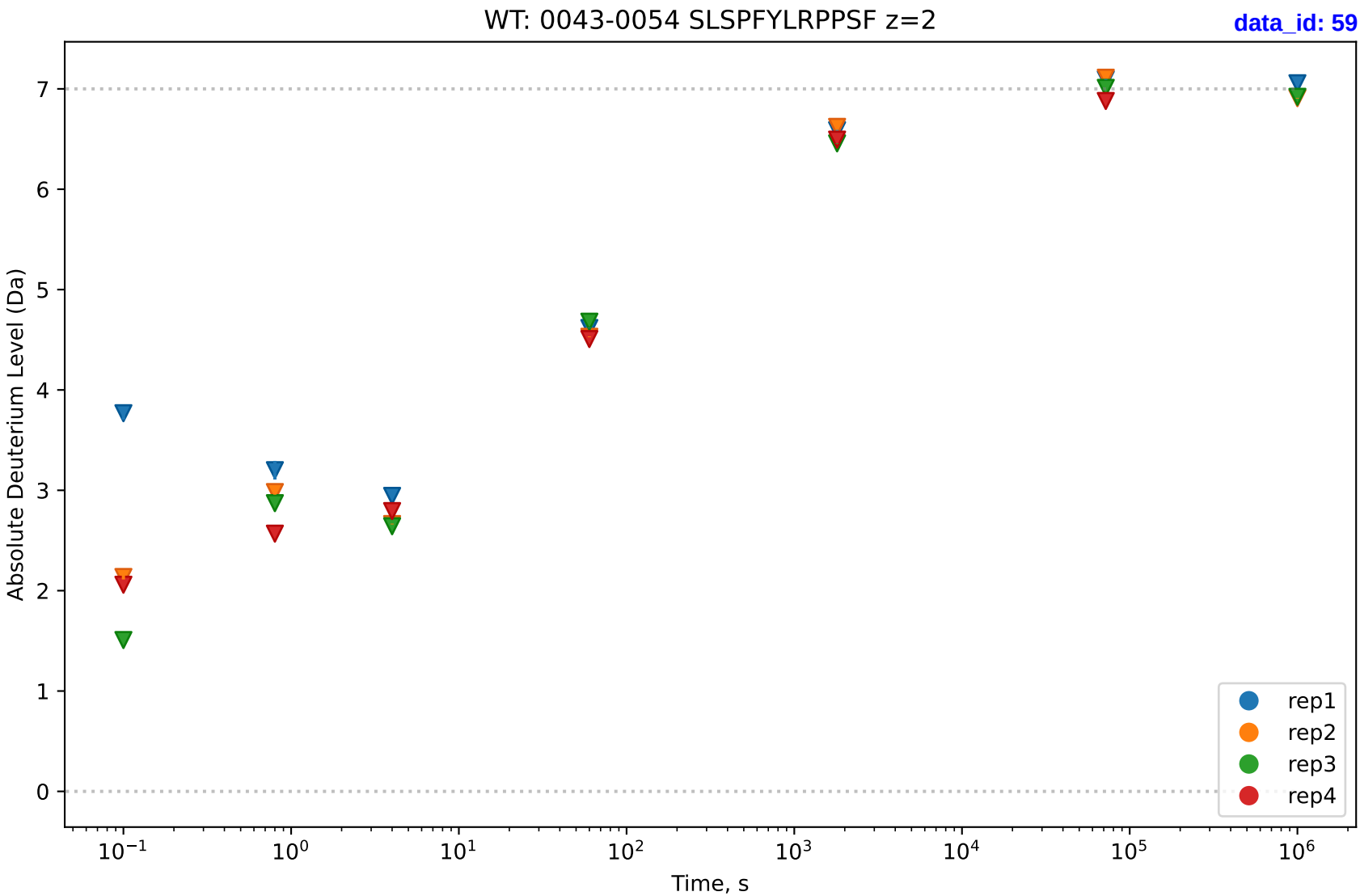
WT: 0042-0054 TSLSPFYLRPPSF z=2
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
Replicates Overlay
UnDeut
1_pop0
2_pop0
3_pop0
0.1s, rep2
0.1s, rep3
0.1s, rep4
0.1s
4_pop0
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
0.8s
4.0s, rep1
4.0s, rep2
4.0s, rep3
4.0s, rep4
4.0s
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s,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


WT: 0042-0054 TSLSPFYLRPPSF z=2
data_id: 56
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4

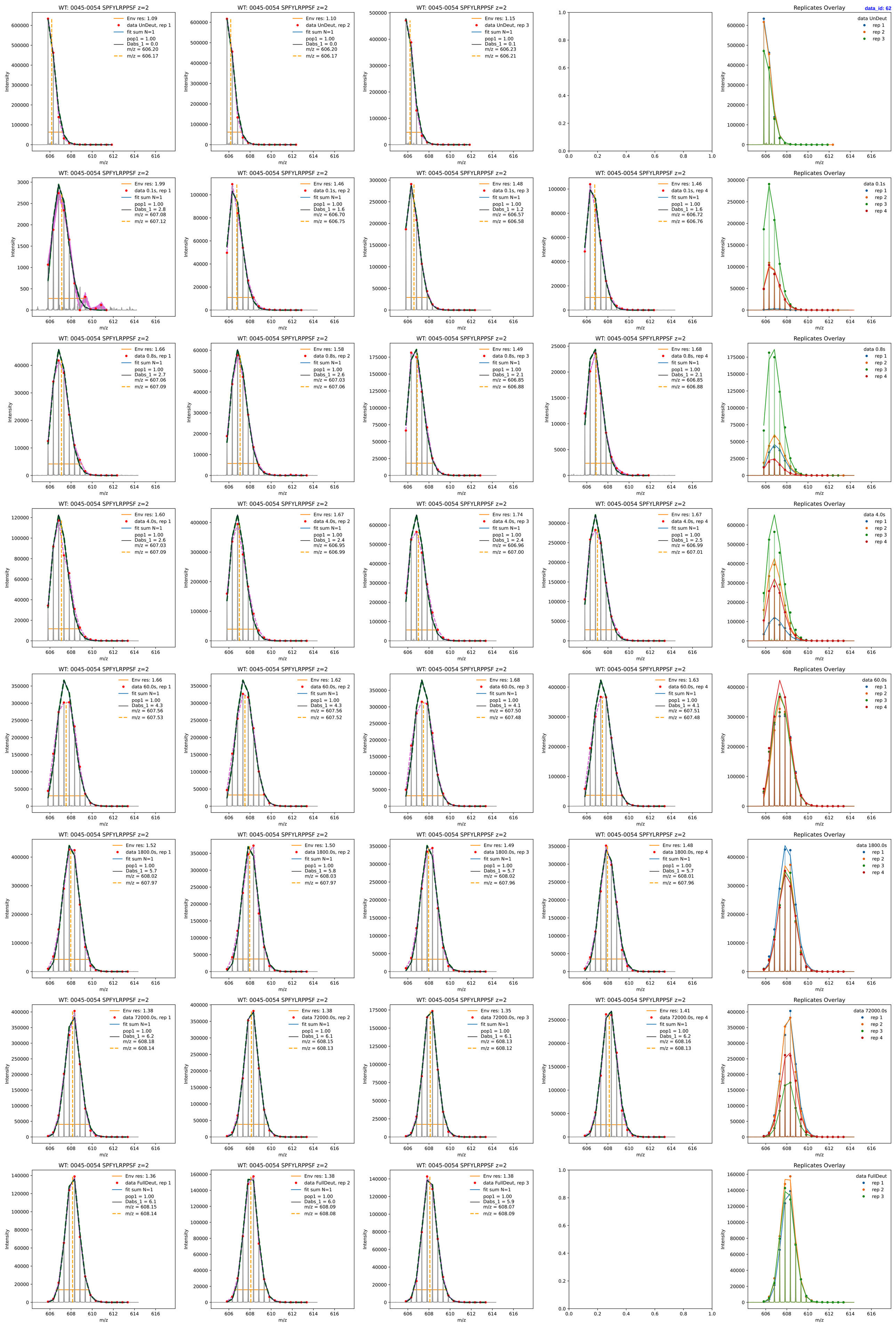
data_id: 59

WT: 0043-0054 SLSPFYLRPPSF z=2
Env res: 1.23
data UnDeut, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.0
m/z = 706.32
m/z = 706.30
Env res: 1.21
data UnDeut, rep 3
m/z = 706.31
Replicates Overlay
data UnDeut
rep 2
rep 3
Env res: 2.01
data 0.1s, rep 1
Dabs_1 = 3.8
m/z = 707.55
m/z = 707.54
Env res: 1.91
data 0.1s, rep 2
Dabs_1 = 2.1
m/z = 707.01
m/z = 707.07
Env res: 1.46
data 0.1s, rep 3
Dabs_1 = 1.5
m/z = 706.81
m/z = 706.85
Env res: 1.64
data 0.1s, rep 4
Dabs_1 = 2.1
m/z = 706.98
m/z = 707.08
data 0.1s
rep 1
rep 2
rep 3
rep 4
Env res: 2.08
data 0.8s, rep 1
Dabs_1 = 3.2
m/z = 707.37
m/z = 707.53
Env res: 1.89
data 0.8s, rep 2
Dabs_1 = 3.0
m/z = 707.28
m/z = 707.35
Env res: 1.65
data 0.8s, rep 3
Dabs_1 = 2.9
m/z = 707.25
m/z = 707.23
Env res: 1.68
data 0.8s, rep 4
Dabs_1 = 2.6
m/z = 707.15
m/z = 707.20
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 1.81
data 4.0s, rep 1
Dabs_1 = 2.9
m/z = 707.27
m/z = 707.33
Env res: 1.69
data 4.0s, rep 2
Dabs_1 = 2.7
m/z = 707.18
m/z = 707.28
Env res: 1.85
data 4.0s, rep 3
Dabs_1 = 2.6
m/z = 707.17
m/z = 707.27
Env res: 1.85
data 4.0s, rep 4
Dabs_1 = 2.8
m/z = 707.22
m/z = 707.37
data 4.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.93
data 60.0s, rep 1
Dabs_1 = 4.6
m/z = 707.82
m/z = 707.84
Env res: 1.90
data 60.0s, rep 2
Dabs_1 = 4.5
m/z = 707.79
m/z = 707.82
Env res: 1.90
data 60.0s, rep 3
Dabs_1 = 4.7
m/z = 707.84
m/z = 707.85
Env res: 1.97
data 60.0s, rep 4
Dabs_1 = 4.5
m/z = 707.78
m/z = 707.80
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.70
data 1800.0s, rep 1
Dabs_1 = 6.6
m/z = 708.46
m/z = 708.39
Env res: 1.70
data 1800.0s, rep 2
Dabs_1 = 6.6
m/z = 708.47
m/z = 708.40
Env res: 1.68
data 1800.0s, rep 3
Dabs_1 = 6.5
m/z = 708.42
m/z = 708.36
Env res: 1.69
data 1800.0s, rep 4
Dabs_1 = 6.5
m/z = 708.43
m/z = 708.37
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.52
data 72000.0s, rep 1
Dabs_1 = 7.1
m/z = 708.63
m/z = 708.60
Env res: 1.53
data 72000.0s, rep 2
Dabs_1 = 7.1
m/z = 708.63
m/z = 708.59
Env res: 1.52
data 72000.0s, rep 3
Dabs_1 = 7.0
m/z = 708.60
m/z = 708.58
Env res: 1.47
data 72000.0s, rep 4
Dabs_1 = 6.9
m/z = 708.56
m/z = 708.55
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.48
data FullDeut, rep 1
Dabs_1 = 7.1
m/z = 708.61
m/z = 708.58
Env res: 1.51
data FullDeut, rep 2
Dabs_1 = 6.9
m/z = 708.56
m/z = 708.57
Env res: 1.54
data FullDeut, rep 3
Dabs_1 = 6.9
m/z = 708.57
m/z = 708.56
data FullDeut
rep 1
rep 2
rep 3
Intensity
m/z

data_id: 59
WT: 0043-0054 SLSPFYLRPPSF z=2
UnDeut, rep2
UnDeut, rep3
Replicates Overlay
UnDeut
2_pop0
3_pop0
0.1s, rep1
0.1s, rep2
0.1s, rep3
0.1s, rep4
0.1s
1_pop0
4_pop0
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, rep4
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, rep3
FullDeut
pop0
Centroid
population
Absolute Deuterium Level (Da)

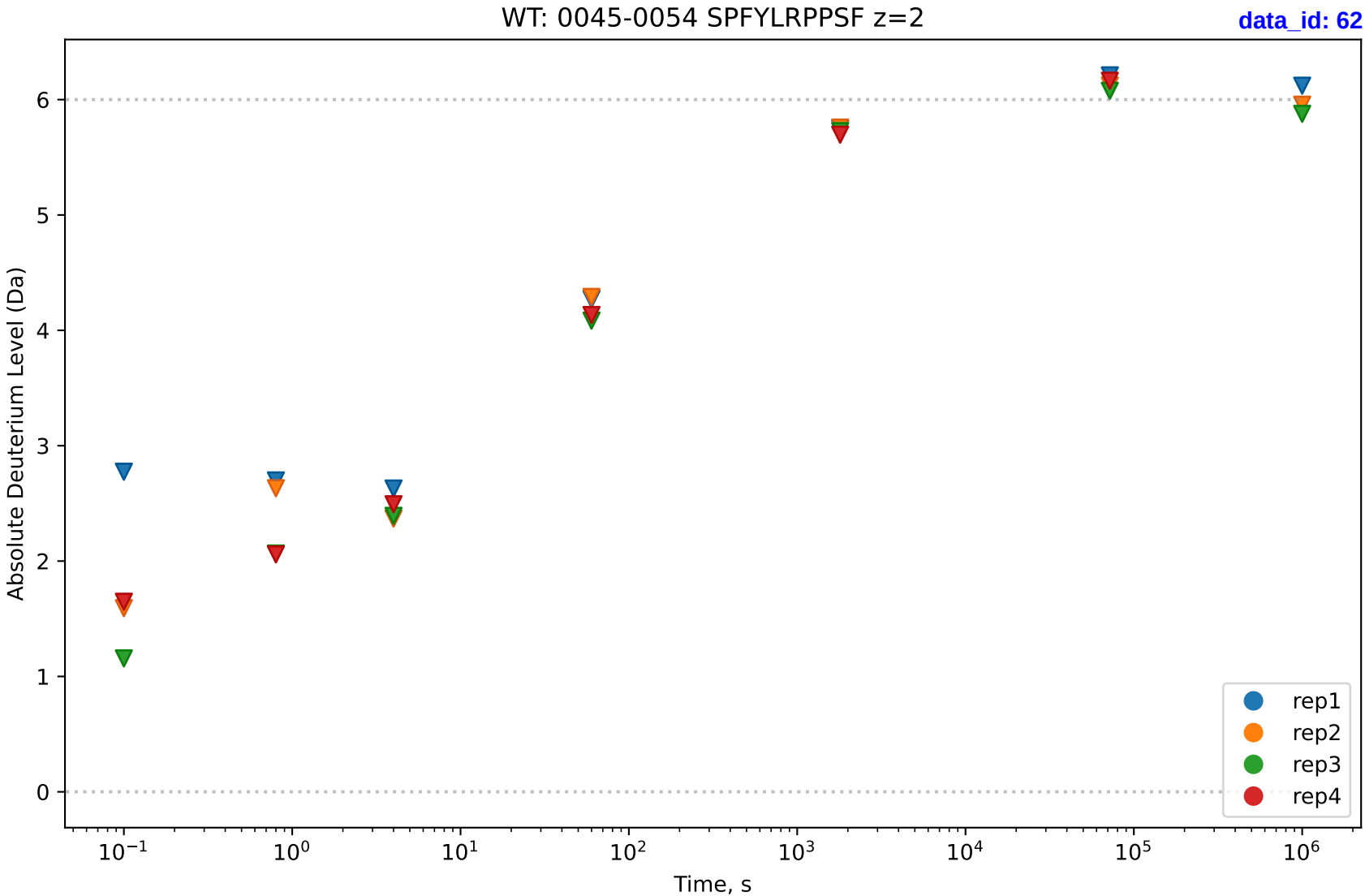

WT: 0043-0054 SLSPFYLRPPSF z=2
data_id: 59
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4

data_id: 62

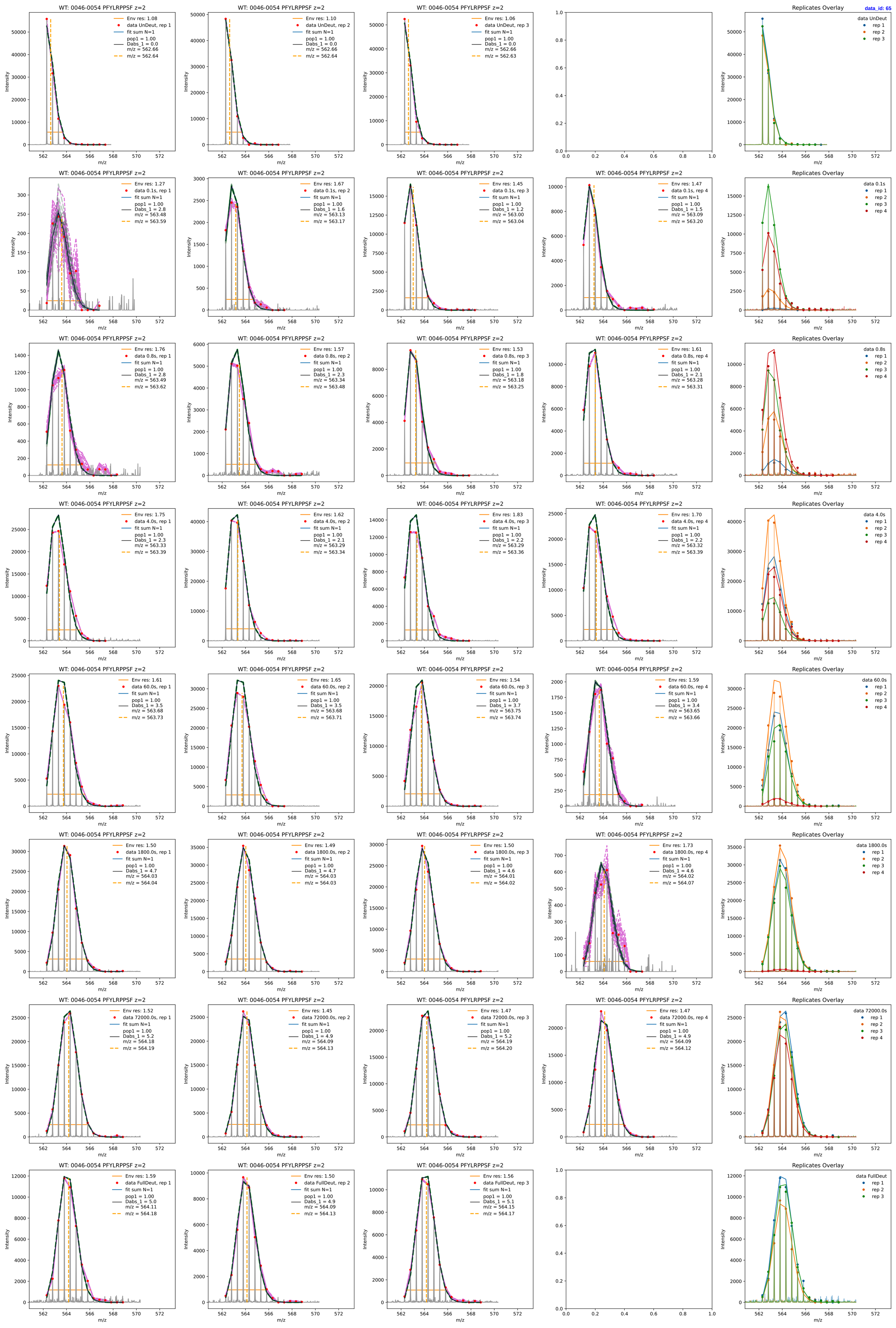

WT: 0045-0054 SPFYLRPPSF z=2
Env res: 1.09
data UnDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.0
m/z = 606.20
m/z = 606.17
Env res: 1.10
data UnDeut, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.0
m/z = 606.20
m/z = 606.17
Env res: 1.15
data UnDeut, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.1
m/z = 606.23
m/z = 606.21
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 1.99
data 0.1s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.8
m/z = 607.08
m/z = 607.12
Env res: 1.46
data 0.1s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 1.6
m/z = 606.70
m/z = 606.75
Env res: 1.48
data 0.1s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 1.2
m/z = 606.57
m/z = 606.58
Env res: 1.46
data 0.1s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 1.6
m/z = 606.72
m/z = 606.76
data 0.1s
rep 1
rep 2
rep 3
rep 4
Env res: 1.66
data 0.8s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.7
m/z = 607.06
m/z = 607.09
Env res: 1.58
data 0.8s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.6
m/z = 607.03
m/z = 607.06
Env res: 1.49
data 0.8s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.1
m/z = 606.85
m/z = 606.88
Env res: 1.68
data 0.8s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.1
m/z = 606.85
m/z = 606.88
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 1.60
data 4.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.6
m/z = 607.03
m/z = 607.09
Env res: 1.67
data 4.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.4
m/z = 606.95
m/z = 606.99
Env res: 1.74
data 4.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.4
m/z = 606.96
m/z = 607.00
Env res: 1.67
data 4.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.5
m/z = 606.99
m/z = 607.01
data 4.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.66
data 60.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.3
m/z = 607.56
m/z = 607.53
Env res: 1.62
data 60.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.3
m/z = 607.56
m/z = 607.52
Env res: 1.68
data 60.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.1
m/z = 607.50
m/z = 607.48
Env res: 1.63
data 60.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.1
m/z = 607.51
m/z = 607.48
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.52
data 1800.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.7
m/z = 608.02
m/z = 607.97
Env res: 1.50
data 1800.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.8
m/z = 608.03
m/z = 607.97
Env res: 1.49
data 1800.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.7
m/z = 608.02
m/z = 607.96
Env res: 1.48
data 1800.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.7
m/z = 608.01
m/z = 607.96
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.38
data 72000.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 6.2
m/z = 608.18
m/z = 608.14
Env res: 1.38
data 72000.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 6.1
m/z = 608.15
m/z = 608.13
Env res: 1.35
data 72000.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 6.1
m/z = 608.13
m/z = 608.12
Env res: 1.41
data 72000.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 6.2
m/z = 608.16
m/z = 608.13
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.36
data FullDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 6.1
m/z = 608.15
m/z = 608.14
Env res: 1.38
data FullDeut, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 6.0
m/z = 608.09
m/z = 608.08
Env res: 1.38
data FullDeut, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.9
m/z = 608.07
m/z = 608.09
data FullDeut
rep 1
rep 2
rep 3
Intensity
m/z

data_id: 62

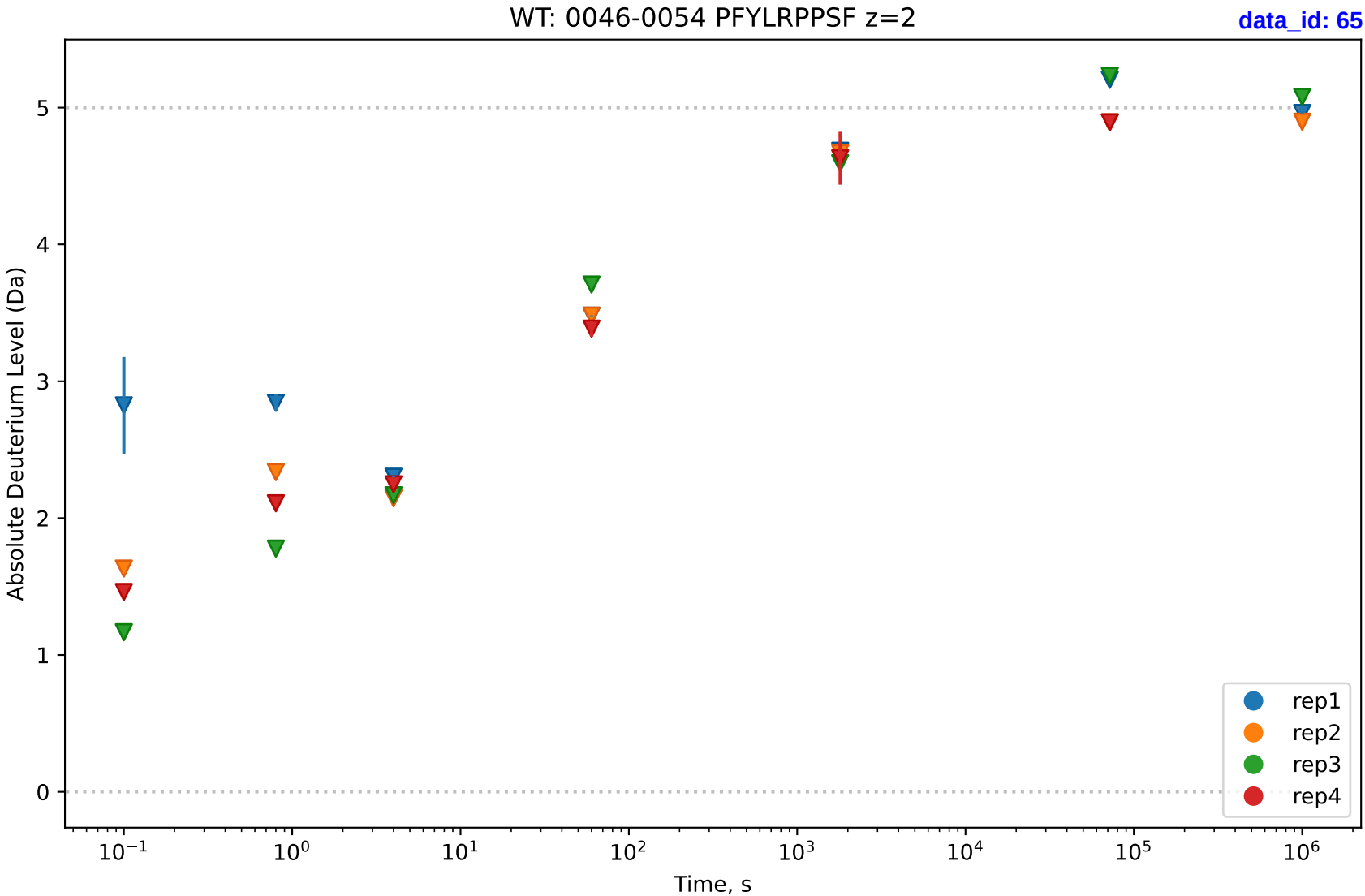
WT: 0045-0054 SPFYLRPPSF z=2
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
Replicates Overlay
UnDeut
0.1s, rep1
0.1s, rep2
0.1s, rep3
0.1s, rep4
0.1s
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
0.8s
4.0s, rep1
4.0s, rep2
4.0s, rep3
4.0s, rep4
4.0s
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, rep4
60.0s
1800.0s,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

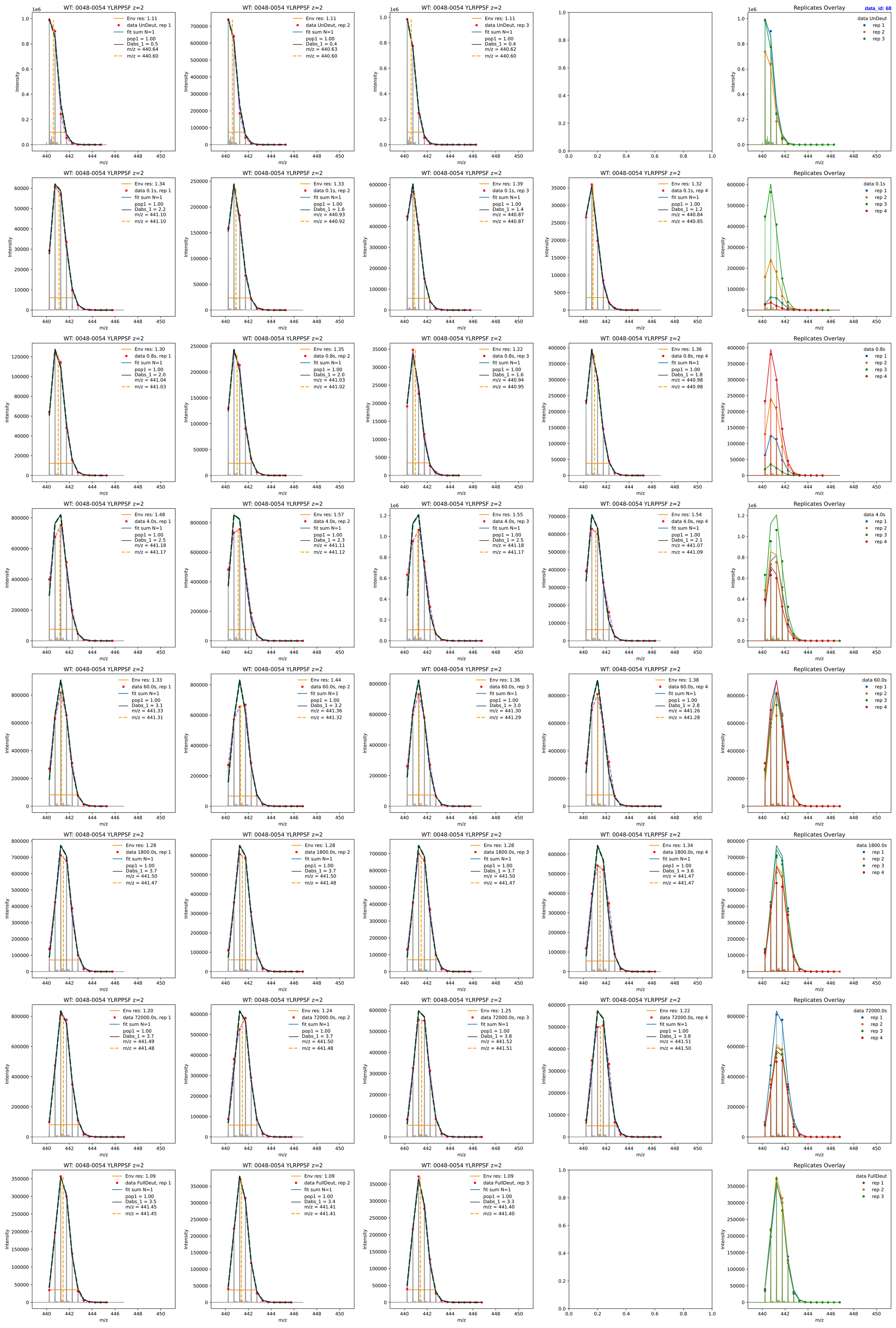

WT: 0045-0054 SPFYLRPPSF z=2
data_id: 62
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4

data_id: 65

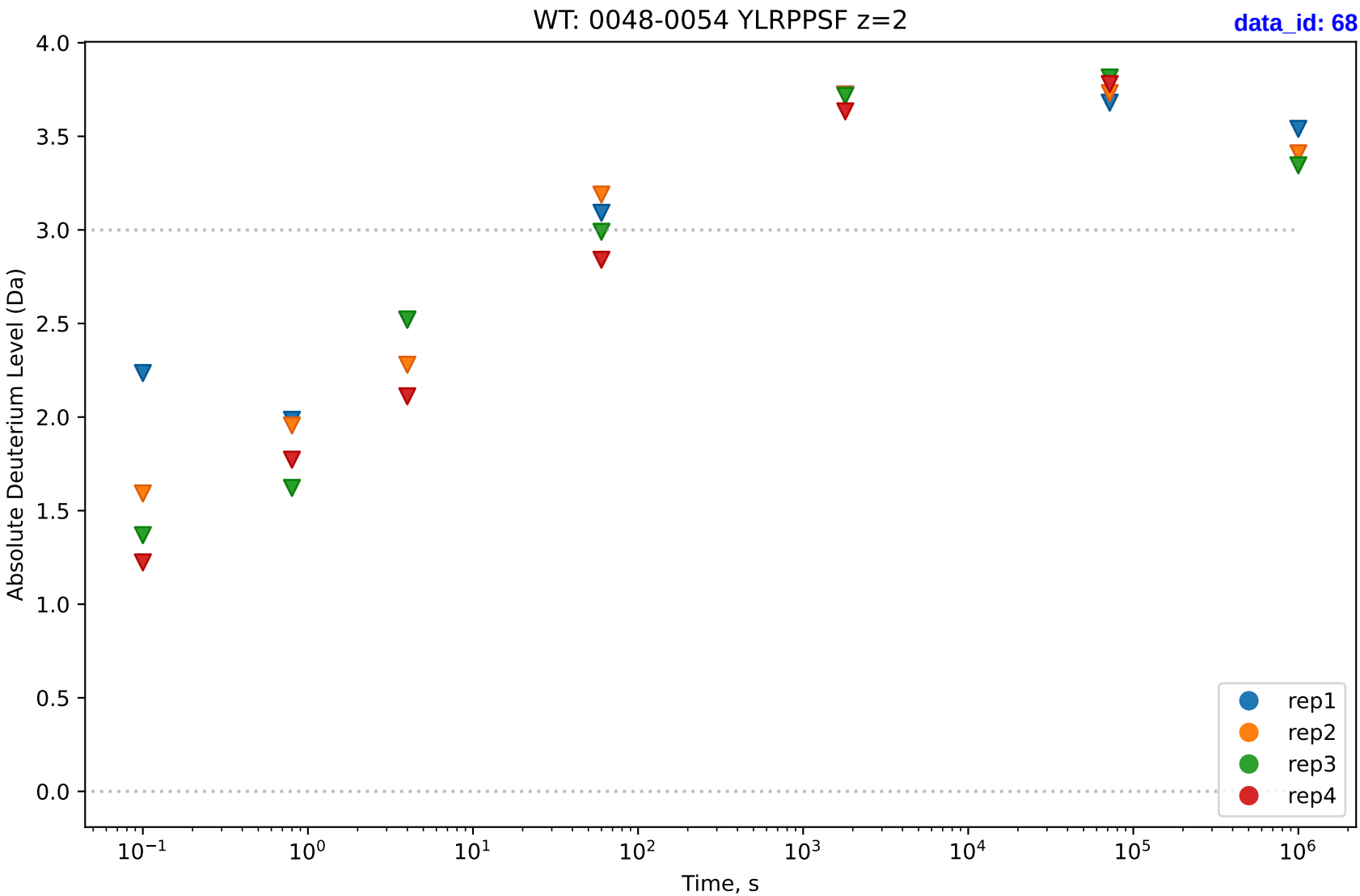

WT: 0046-0054 PFYLRPPSF z=2
Env res: 1.08
data UnDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.0
m/z = 562.66
m/z = 562.64
Env res: 1.10
data UnDeut, rep 2
m/z = 562.63
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 1.27
data 0.1s, rep 1
Dabs_1 = 2.8
m/z = 563.48
m/z = 563.59
Env res: 1.67
data 0.1s, rep 2
Dabs_1 = 1.6
m/z = 563.13
m/z = 563.17
Env res: 1.45
data 0.1s, rep 3
Dabs_1 = 1.2
m/z = 563.00
m/z = 563.04
Env res: 1.47
data 0.1s, rep 4
Dabs_1 = 1.5
m/z = 563.09
m/z = 563.20
data 0.1s
rep 4
Env res: 1.76
data 0.8s, rep 1
Dabs_1 = 2.8
m/z = 563.49
m/z = 563.62
Env res: 1.57
data 0.8s, rep 2
Dabs_1 = 2.3
m/z = 563.34
m/z = 563.48
Env res: 1.53
data 0.8s, rep 3
Dabs_1 = 1.8
m/z = 563.18
m/z = 563.25
Env res: 1.61
data 0.8s, rep 4
Dabs_1 = 2.1
m/z = 563.28
m/z = 563.31
data 0.8s
Env res: 1.75
data 4.0s, rep 1
Dabs_1 = 2.3
m/z = 563.33
m/z = 563.39
Env res: 1.62
data 4.0s, rep 2
Dabs_1 = 2.1
m/z = 563.29
m/z = 563.34
Env res: 1.83
data 4.0s, rep 3
Dabs_1 = 2.2
m/z = 563.29
m/z = 563.36
Env res: 1.70
data 4.0s, rep 4
Dabs_1 = 2.2
m/z = 563.32
m/z = 563.39
data 4.0s
Env res: 1.61
data 60.0s, rep 1
Dabs_1 = 3.5
m/z = 563.68
m/z = 563.73
Env res: 1.65
data 60.0s, rep 2
Dabs_1 = 3.5
m/z = 563.68
m/z = 563.71
Env res: 1.54
data 60.0s, rep 3
Dabs_1 = 3.7
m/z = 563.75
m/z = 563.74
Env res: 1.59
data 60.0s, rep 4
Dabs_1 = 3.4
m/z = 563.65
m/z = 563.66
data 60.0s
Env res: 1.50
data 1800.0s, rep 1
Dabs_1 = 4.7
m/z = 564.03
m/z = 564.04
Env res: 1.49
data 1800.0s, rep 2
Dabs_1 = 4.7
m/z = 564.03
m/z = 564.03
Env res: 1.50
data 1800.0s, rep 3
Dabs_1 = 4.6
m/z = 564.01
m/z = 564.02
Env res: 1.73
data 1800.0s, rep 4
Dabs_1 = 4.6
m/z = 564.02
m/z = 564.07
data 1800.0s
Env res: 1.52
data 72000.0s, rep 1
Dabs_1 = 5.2
m/z = 564.18
m/z = 564.19
Env res: 1.45
data 72000.0s, rep 2
Dabs_1 = 4.9
m/z = 564.09
m/z = 564.13
Env res: 1.47
data 72000.0s, rep 3
Dabs_1 = 5.2
m/z = 564.19
m/z = 564.20
Env res: 1.47
data 72000.0s, rep 4
Dabs_1 = 4.9
m/z = 564.09
m/z = 564.12
data 72000.0s
Env res: 1.59
data FullDeut, rep 1
Dabs_1 = 5.0
m/z = 564.11
m/z = 564.18
Env res: 1.50
data FullDeut, rep 2
Dabs_1 = 4.9
m/z = 564.09
m/z = 564.13
Env res: 1.56
data FullDeut, rep 3
Dabs_1 = 5.1
m/z = 564.15
m/z = 564.17
data FullDeut
Intensity
m/z

data_id: 65
WT: 0046-0054 PFYLRPPSF 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, rep4
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, rep3
FullDeut
pop0
Centroid
1_pop0
2_pop0
3_pop0
4_pop0
population
Absolute Deuterium Level (Da)

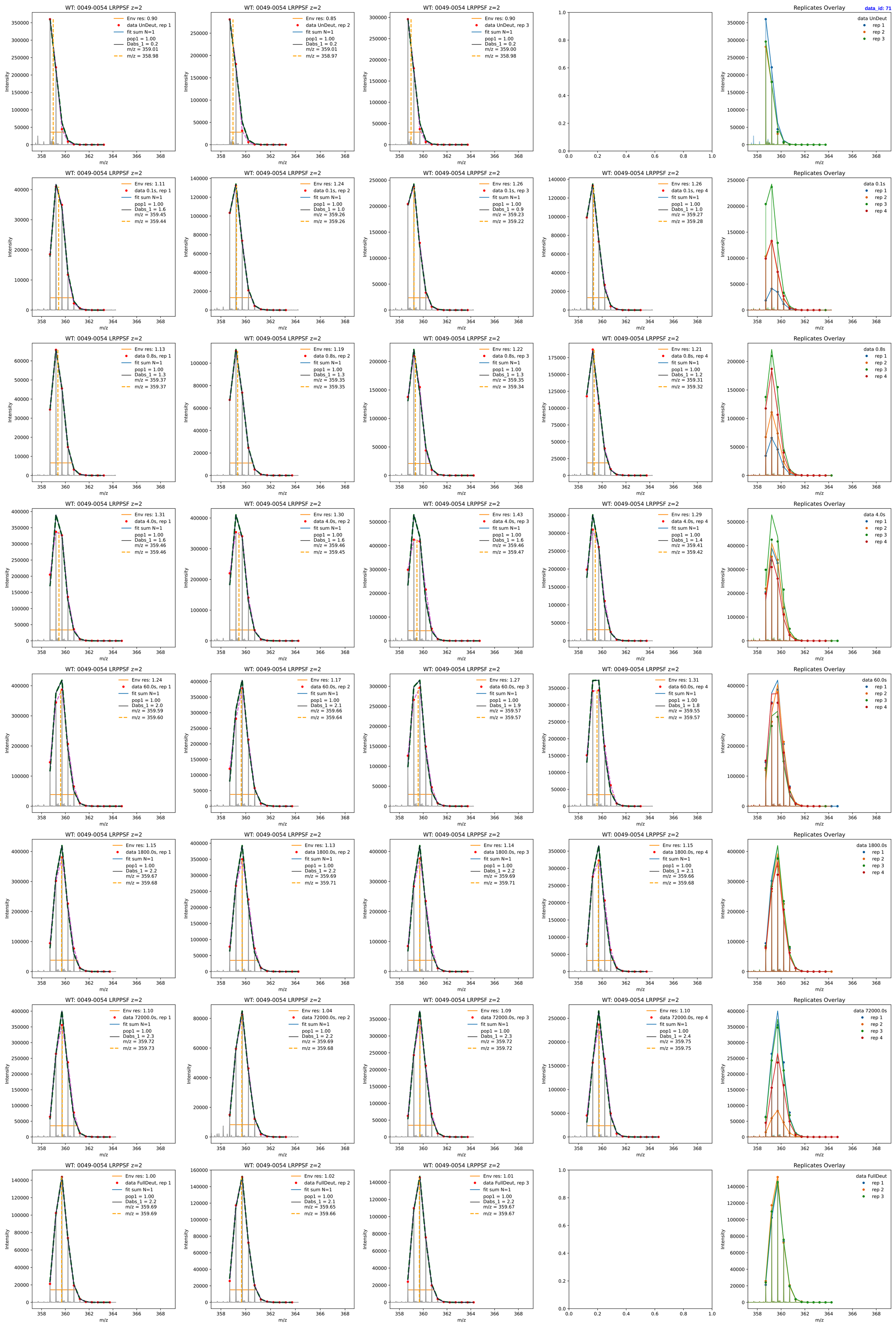

WT: 0046-0054 PFYLRPPSF z=2
data_id: 65
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4


data_id: 68
WT: 0048-0054 YLRPPSF z=2
Env res: 1.11
data UnDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.5
m/z = 440.64
m/z = 440.60
data UnDeut, rep 2
Dabs_1 = 0.4
m/z = 440.63
data UnDeut, rep 3
Dabs_1 = 0.4
m/z = 440.62
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 1.34
data 0.1s, rep 1
Dabs_1 = 2.2
m/z = 441.10
m/z = 441.10
Env res: 1.33
data 0.1s, rep 2
Dabs_1 = 1.6
m/z = 440.93
m/z = 440.92
Env res: 1.39
data 0.1s, rep 3
Dabs_1 = 1.4
m/z = 440.87
m/z = 440.87
Env res: 1.32
data 0.1s, rep 4
Dabs_1 = 1.2
m/z = 440.84
m/z = 440.85
data 0.1s
rep 4
Env res: 1.30
data 0.8s, rep 1
Dabs_1 = 2.0
m/z = 441.04
m/z = 441.03
Env res: 1.35
data 0.8s, rep 2
Dabs_1 = 2.0
m/z = 441.03
m/z = 441.02
Env res: 1.22
data 0.8s, rep 3
Dabs_1 = 1.6
m/z = 440.94
m/z = 440.95
Env res: 1.36
data 0.8s, rep 4
Dabs_1 = 1.8
m/z = 440.98
m/z = 440.98
data 0.8s
Env res: 1.48
data 4.0s, rep 1
Dabs_1 = 2.5
m/z = 441.18
m/z = 441.17
Env res: 1.57
data 4.0s, rep 2
Dabs_1 = 2.3
m/z = 441.11
m/z = 441.12
Env res: 1.55
data 4.0s, rep 3
Dabs_1 = 2.5
m/z = 441.18
m/z = 441.17
Env res: 1.54
data 4.0s, rep 4
Dabs_1 = 2.1
m/z = 441.07
m/z = 441.09
data 4.0s
Env res: 1.33
data 60.0s, rep 1
Dabs_1 = 3.1
m/z = 441.33
m/z = 441.31
Env res: 1.44
data 60.0s, rep 2
Dabs_1 = 3.2
m/z = 441.36
m/z = 441.32
Env res: 1.36
data 60.0s, rep 3
Dabs_1 = 3.0
m/z = 441.30
m/z = 441.29
Env res: 1.38
data 60.0s, rep 4
Dabs_1 = 2.8
m/z = 441.26
m/z = 441.28
data 60.0s
Env res: 1.28
data 1800.0s, rep 1
Dabs_1 = 3.7
m/z = 441.50
m/z = 441.47
Env res: 1.28
data 1800.0s, rep 2
Dabs_1 = 3.7
m/z = 441.50
m/z = 441.48
Env res: 1.28
data 1800.0s, rep 3
Dabs_1 = 3.7
m/z = 441.50
m/z = 441.47
Env res: 1.34
data 1800.0s, rep 4
Dabs_1 = 3.6
m/z = 441.47
m/z = 441.47
data 1800.0s
Env res: 1.20
data 72000.0s, rep 1
Dabs_1 = 3.7
m/z = 441.49
m/z = 441.48
Env res: 1.24
data 72000.0s, rep 2
Dabs_1 = 3.7
m/z = 441.50
m/z = 441.48
Env res: 1.25
data 72000.0s, rep 3
Dabs_1 = 3.8
m/z = 441.52
m/z = 441.51
Env res: 1.22
data 72000.0s, rep 4
Dabs_1 = 3.8
m/z = 441.51
m/z = 441.50
data 72000.0s
Env res: 1.09
data FullDeut, rep 1
Dabs_1 = 3.5
m/z = 441.45
m/z = 441.45
Env res: 1.09
data FullDeut, rep 2
Dabs_1 = 3.4
m/z = 441.41
m/z = 441.41
Env res: 1.09
data FullDeut, rep 3
Dabs_1 = 3.3
m/z = 441.40
m/z = 441.40
data FullDeut
Intensity
m/z

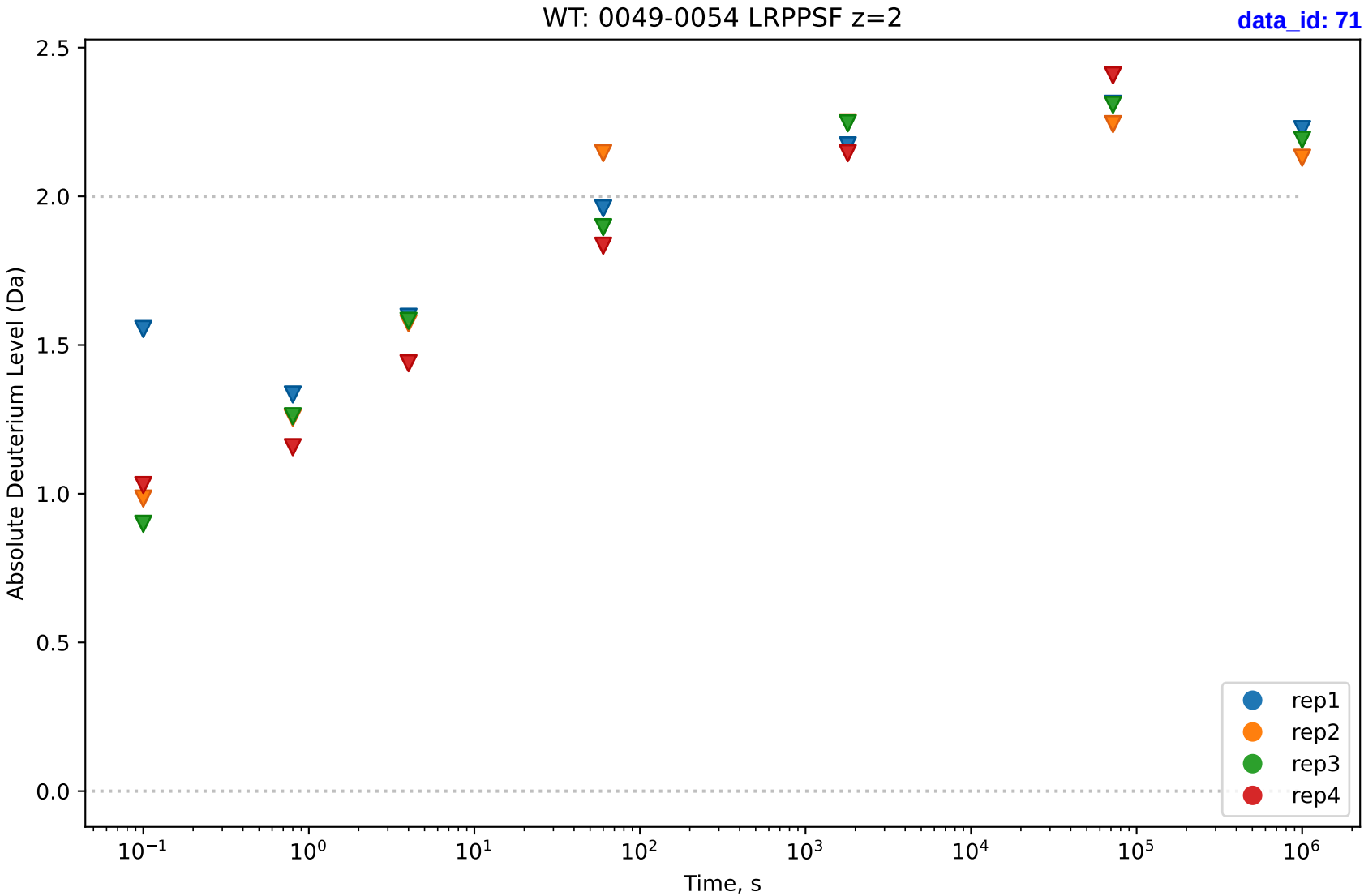
data_id: 68
WT: 0048-0054 YLRPPSF z=2
Replicates Overlay
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
UnDeut
0.1s, rep1
0.1s, rep2
0.1s, rep3
0.1s, rep4
0.1s
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
0.8s
4.0s, rep1
4.0s, rep2
4.0s, rep3
4.0s, rep4
4.0s
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, rep4
60.0s
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, rep3
FullDeut
pop0
1_pop0
2_pop0
3_pop0
4_pop0
Centroid
population
Absolute Deuterium Level (Da)


WT: 0048-0054 YLRPPSF z=2
data_id: 68
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4

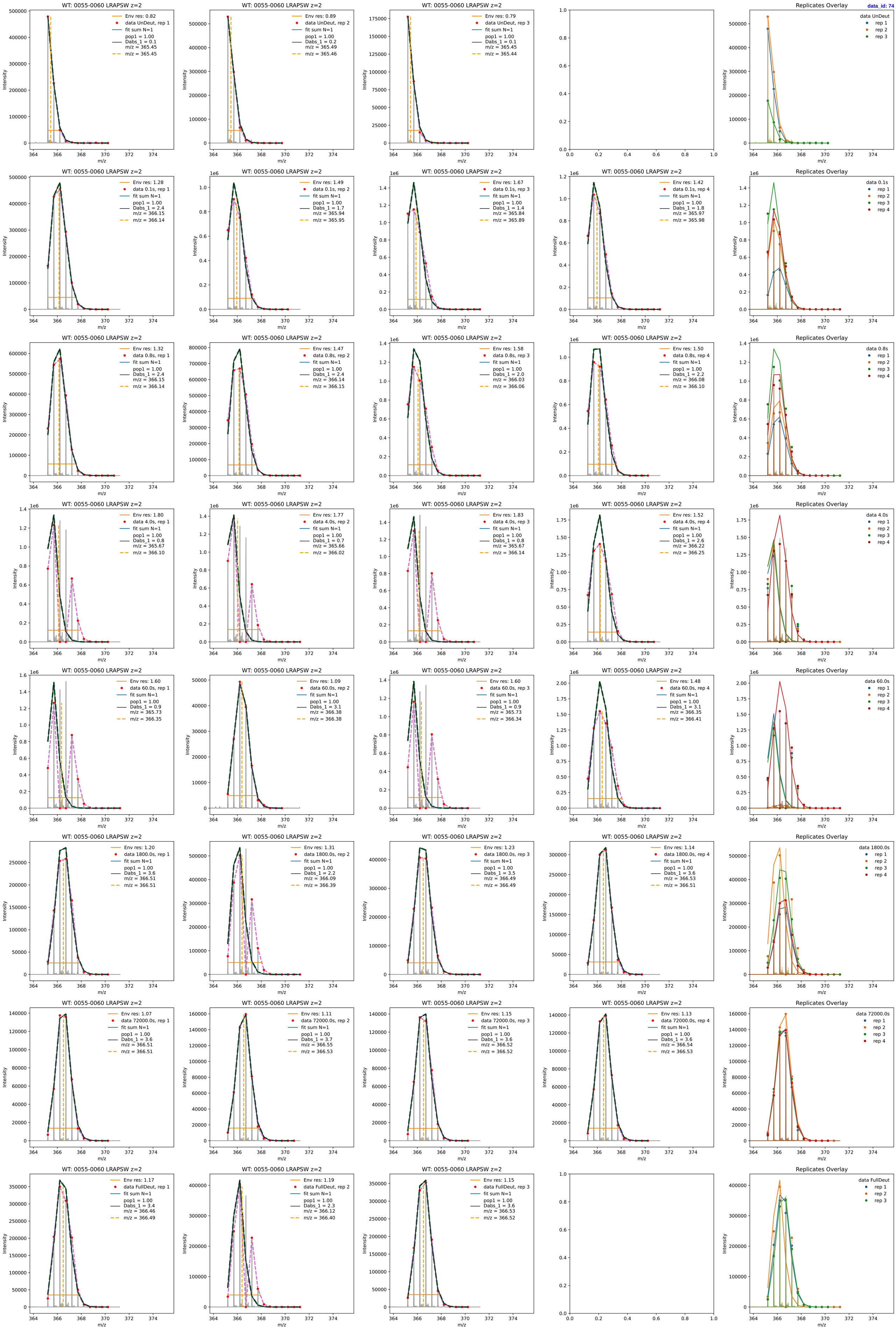
data_id: 71


WT: 0049-0054 LRPPSF z=2
Env res: 0.90
data UnDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.2
m/z = 359.01
m/z = 358.98
WT: 0049-0054 LRPPSF z=2
Env res: 0.85
data UnDeut, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.2
m/z = 359.01
m/z = 358.97
WT: 0049-0054 LRPPSF z=2
Env res: 0.90
data UnDeut, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.2
m/z = 359.00
m/z = 358.98
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
WT: 0049-0054 LRPPSF z=2
Env res: 1.11
data 0.1s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 1.6
m/z = 359.45
m/z = 359.44
WT: 0049-0054 LRPPSF z=2
Env res: 1.24
data 0.1s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 1.0
m/z = 359.26
m/z = 359.26
WT: 0049-0054 LRPPSF z=2
Env res: 1.26
data 0.1s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.9
m/z = 359.23
m/z = 359.22
WT: 0049-0054 LRPPSF z=2
Env res: 1.26
data 0.1s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 1.0
m/z = 359.27
m/z = 359.28
Replicates Overlay
data 0.1s
rep 1
rep 2
rep 3
rep 4
WT: 0049-0054 LRPPSF z=2
Env res: 1.13
data 0.8s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 1.3
m/z = 359.37
m/z = 359.37
WT: 0049-0054 LRPPSF z=2
Env res: 1.19
data 0.8s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 1.3
m/z = 359.35
m/z = 359.35
WT: 0049-0054 LRPPSF z=2
Env res: 1.22
data 0.8s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 1.3
m/z = 359.35
m/z = 359.34
WT: 0049-0054 LRPPSF z=2
Env res: 1.21
data 0.8s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 1.2
m/z = 359.31
m/z = 359.32
Replicates Overlay
data 0.8s
rep 1
rep 2
rep 3
rep 4
WT: 0049-0054 LRPPSF z=2
Env res: 1.31
data 4.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 1.6
m/z = 359.46
m/z = 359.46
WT: 0049-0054 LRPPSF z=2
Env res: 1.30
data 4.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 1.6
m/z = 359.46
m/z = 359.45
WT: 0049-0054 LRPPSF z=2
Env res: 1.43
data 4.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 1.6
m/z = 359.46
m/z = 359.47
WT: 0049-0054 LRPPSF z=2
Env res: 1.29
data 4.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 1.4
m/z = 359.41
m/z = 359.42
Replicates Overlay
data 4.0s
rep 1
rep 2
rep 3
rep 4
WT: 0049-0054 LRPPSF z=2
Env res: 1.24
data 60.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.0
m/z = 359.59
m/z = 359.60
WT: 0049-0054 LRPPSF z=2
Env res: 1.17
data 60.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.1
m/z = 359.66
m/z = 359.64
WT: 0049-0054 LRPPSF z=2
Env res: 1.27
data 60.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 1.9
m/z = 359.57
m/z = 359.57
WT: 0049-0054 LRPPSF z=2
Env res: 1.31
data 60.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 1.8
m/z = 359.55
m/z = 359.57
Replicates Overlay
data 60.0s
rep 1
rep 2
rep 3
rep 4
WT: 0049-0054 LRPPSF z=2
Env res: 1.15
data 1800.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.2
m/z = 359.67
m/z = 359.68
WT: 0049-0054 LRPPSF z=2
Env res: 1.13
data 1800.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.2
m/z = 359.69
m/z = 359.71
WT: 0049-0054 LRPPSF z=2
Env res: 1.14
data 1800.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.2
m/z = 359.69
m/z = 359.71
WT: 0049-0054 LRPPSF z=2
Env res: 1.15
data 1800.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.1
m/z = 359.66
m/z = 359.68
Replicates Overlay
data 1800.0s
rep 1
rep 2
rep 3
rep 4
WT: 0049-0054 LRPPSF z=2
Env res: 1.10
data 72000.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.3
m/z = 359.72
m/z = 359.73
WT: 0049-0054 LRPPSF z=2
Env res: 1.04
data 72000.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.2
m/z = 359.69
m/z = 359.68
WT: 0049-0054 LRPPSF z=2
Env res: 1.09
data 72000.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.3
m/z = 359.72
m/z = 359.72
WT: 0049-0054 LRPPSF z=2
Env res: 1.10
data 72000.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.4
m/z = 359.75
m/z = 359.75
Replicates Overlay
data 72000.0s
rep 1
rep 2
rep 3
rep 4
WT: 0049-0054 LRPPSF z=2
Env res: 1.00
data FullDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.2
m/z = 359.69
m/z = 359.69
WT: 0049-0054 LRPPSF z=2
Env res: 1.02
data FullDeut, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.1
m/z = 359.65
m/z = 359.66
WT: 0049-0054 LRPPSF z=2
Env res: 1.01
data FullDeut, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.2
m/z = 359.67
m/z = 359.67
Replicates Overlay
data FullDeut
rep 1
rep 2
rep 3
Intensity
m/z

data_id: 71
WT: 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
4.0s, rep4
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
FullDeut, rep3
pop0
Centroid
Replicates Overlay
UnDeut
0.1s
0.8s
4.0s
60.0s
1800.0s
72000.0s
FullDeut
1_pop0
2_pop0
3_pop0
4_pop0
population
Absolute Deuterium Level (Da)

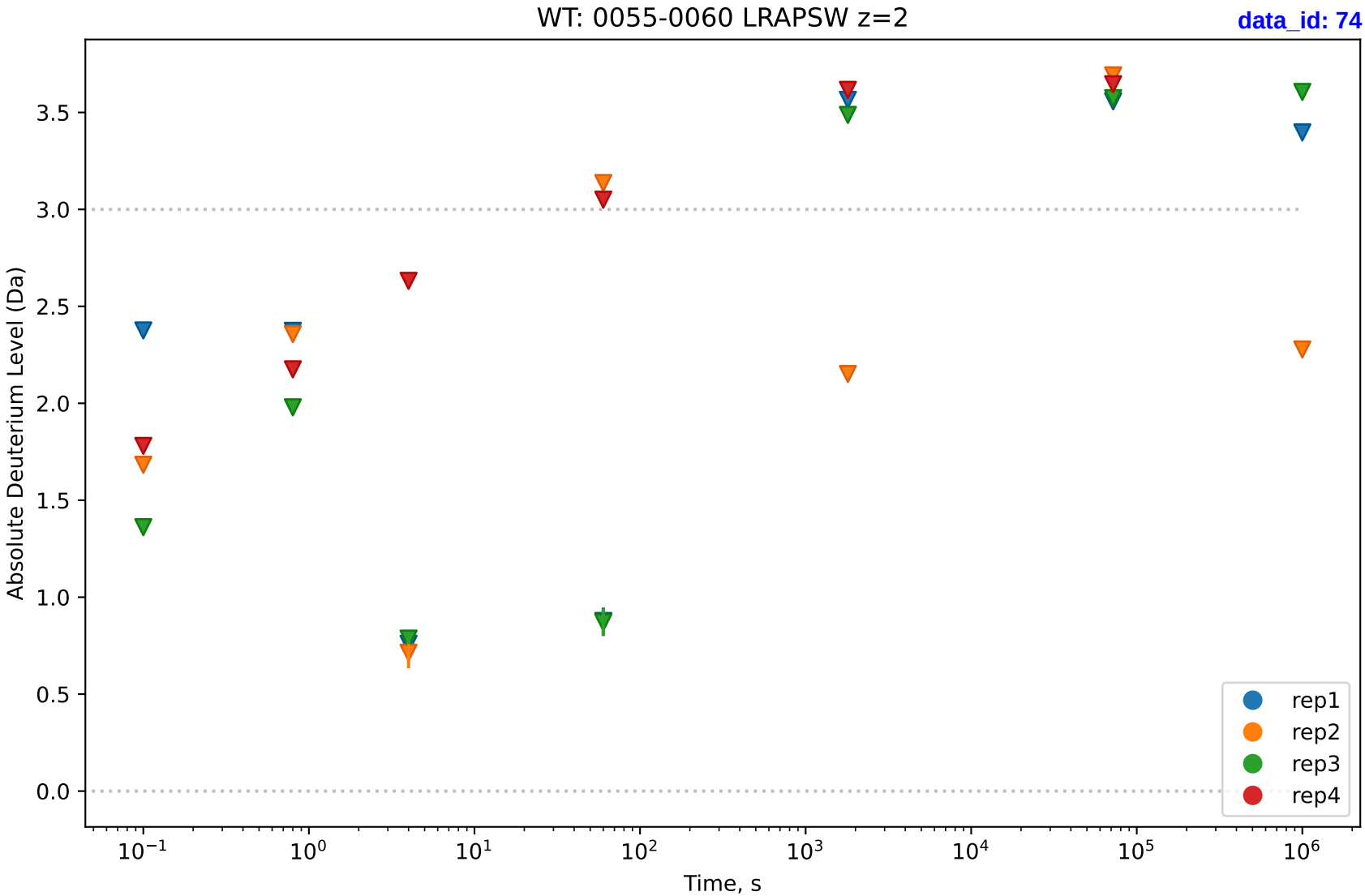

WT: 0049-0054 LRPPSF z=2
data_id: 71
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4

data_id: 74

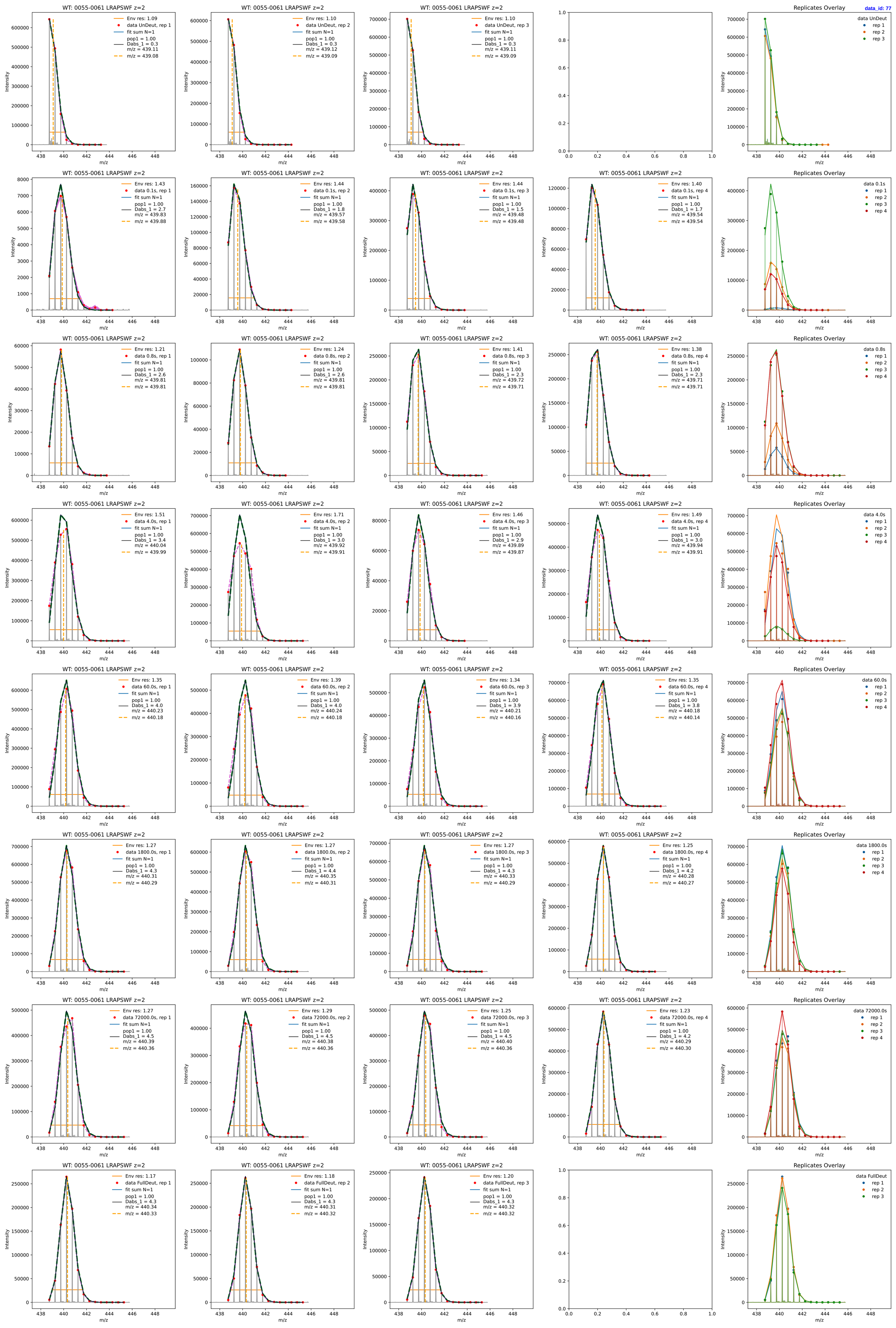

WT: 0055-0060 LRAPSW z=2
Env res: 0.82
data UnDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.1
m/z = 365.45
m/z = 365.45
Env res: 0.89
data UnDeut, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.2
m/z = 365.49
m/z = 365.46
Env res: 0.79
data UnDeut, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.1
m/z = 365.45
m/z = 365.44
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 1.28
data 0.1s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.4
m/z = 366.15
m/z = 366.14
Env res: 1.49
data 0.1s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 1.7
m/z = 365.94
m/z = 365.95
Env res: 1.67
data 0.1s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 1.4
m/z = 365.84
m/z = 365.89
Env res: 1.42
data 0.1s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 1.8
m/z = 365.97
m/z = 365.98
Replicates Overlay
data 0.1s
rep 1
rep 2
rep 3
rep 4
Env res: 1.32
data 0.8s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.4
m/z = 366.15
m/z = 366.14
Env res: 1.47
data 0.8s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.4
m/z = 366.14
m/z = 366.15
Env res: 1.58
data 0.8s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.0
m/z = 366.03
m/z = 366.06
Env res: 1.50
data 0.8s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.2
m/z = 366.08
m/z = 366.10
Replicates Overlay
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 1.80
data 4.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.8
m/z = 365.67
m/z = 366.10
Env res: 1.77
data 4.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.7
m/z = 365.66
m/z = 366.02
Env res: 1.83
data 4.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.8
m/z = 365.67
m/z = 366.14
Env res: 1.52
data 4.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.6
m/z = 366.22
m/z = 366.25
Replicates Overlay
data 4.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.60
data 60.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.9
m/z = 365.73
m/z = 366.35
Env res: 1.09
data 60.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.1
m/z = 366.38
m/z = 366.38
Env res: 1.60
data 60.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.9
m/z = 365.73
m/z = 366.34
Env res: 1.48
data 60.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.1
m/z = 366.35
m/z = 366.41
Replicates Overlay
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.20
data 1800.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.6
m/z = 366.51
m/z = 366.51
Env res: 1.31
data 1800.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.2
m/z = 366.09
m/z = 366.39
Env res: 1.23
data 1800.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.5
m/z = 366.49
m/z = 366.49
Env res: 1.14
data 1800.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.6
m/z = 366.53
m/z = 366.51
Replicates Overlay
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.07
data 72000.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.6
m/z = 366.51
m/z = 366.51
Env res: 1.11
data 72000.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.7
m/z = 366.55
m/z = 366.53
Env res: 1.15
data 72000.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.6
m/z = 366.52
m/z = 366.52
Env res: 1.13
data 72000.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.6
m/z = 366.54
m/z = 366.53
Replicates Overlay
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.17
data FullDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.4
m/z = 366.46
m/z = 366.49
Env res: 1.19
data FullDeut, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.3
m/z = 366.12
m/z = 366.40
Env res: 1.15
data FullDeut, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.6
m/z = 366.53
m/z = 366.52
Replicates Overlay
data FullDeut
rep 1
rep 2
rep 3
Intensity
m/z

data_id: 74

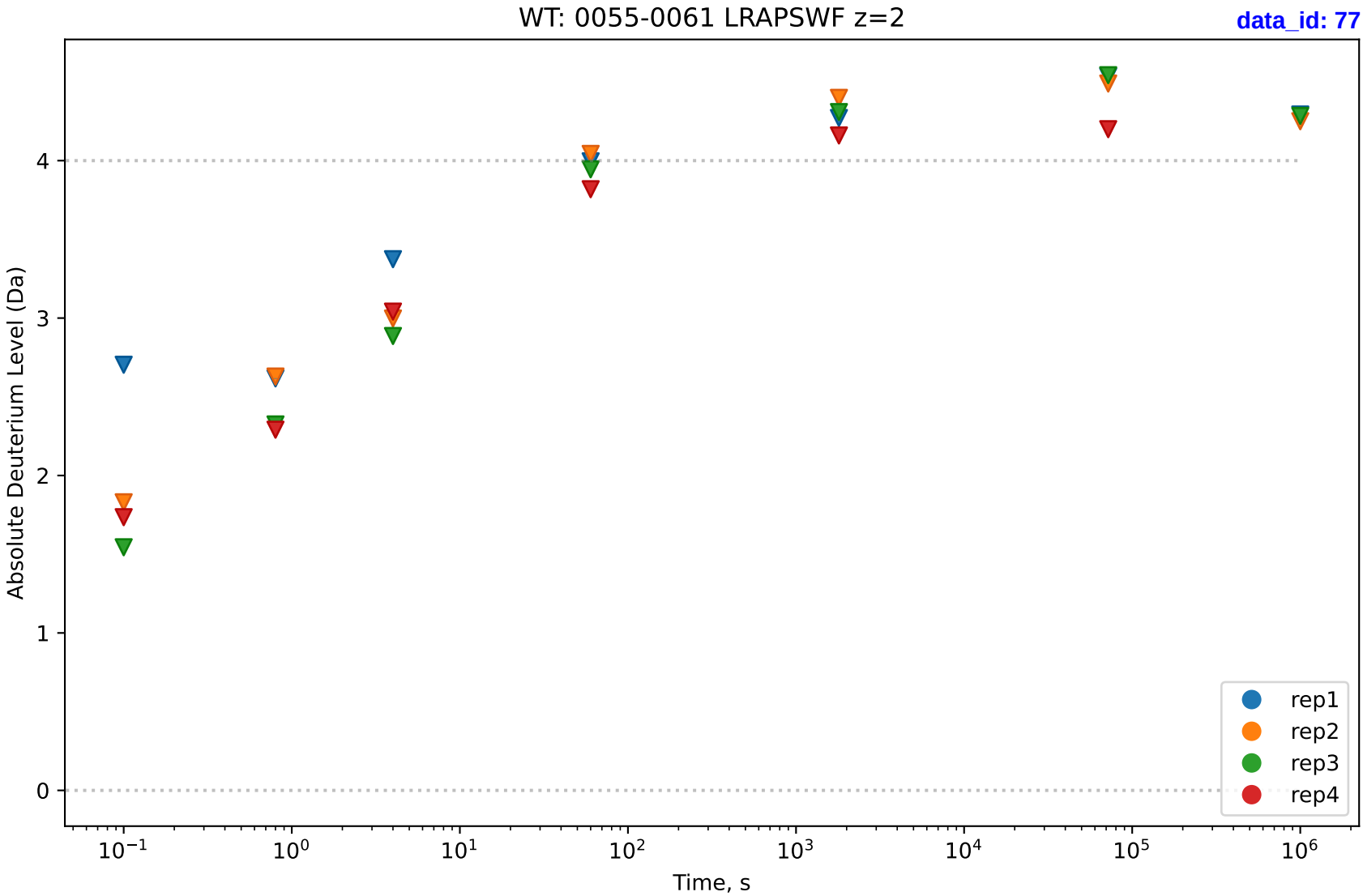
WT: 0055-0060 LRAPSW z=2
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
Replicates Overlay
UnDeut
0.1s, rep1
0.1s, rep2
0.1s, rep3
0.1s, rep4
0.1s
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
0.8s
4.0s, rep1
4.0s, rep2
4.0s, rep3
4.0s, rep4
4.0s
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, rep4
60.0s
1800.0s, rep1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

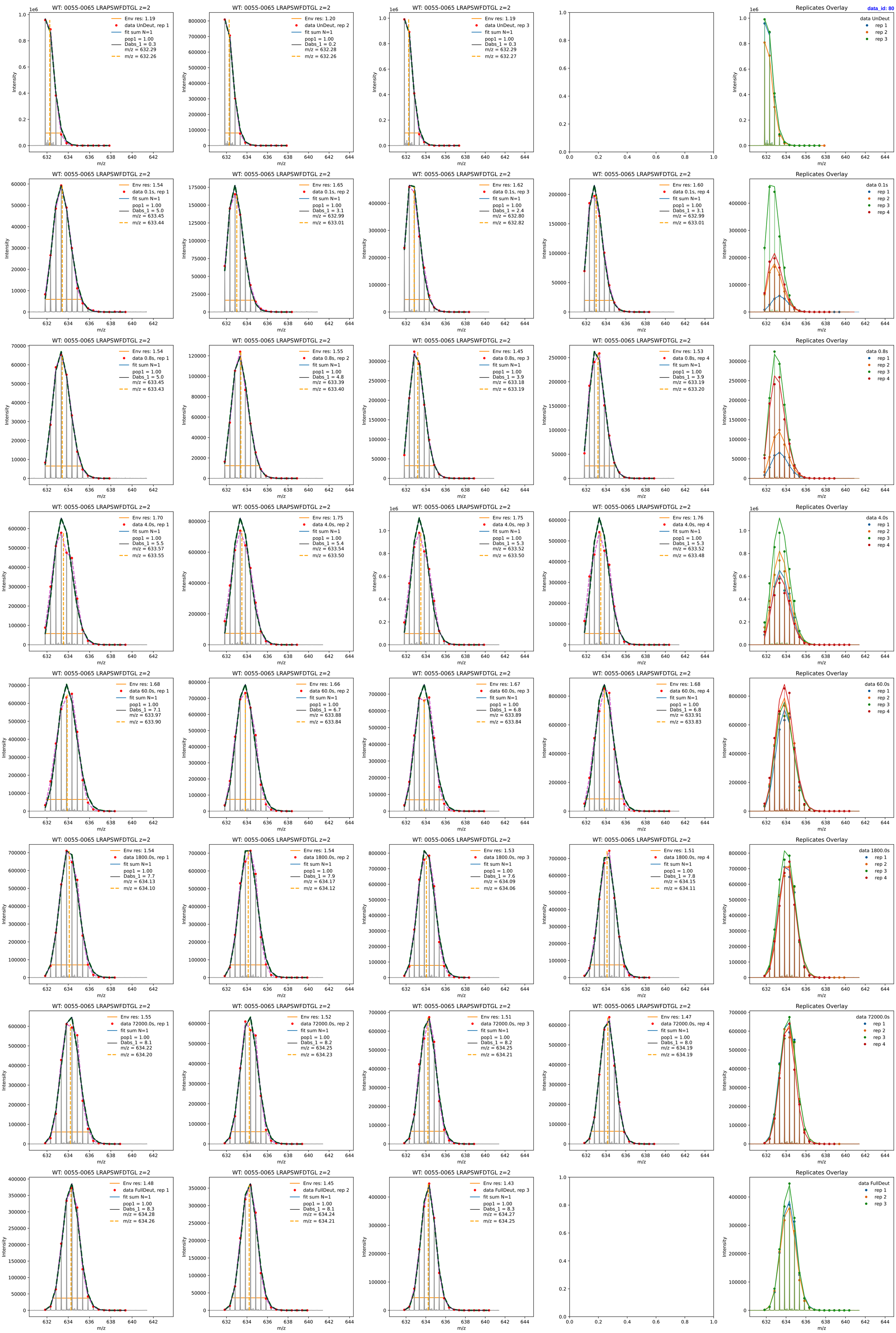

WT: 0055-0060 LRAPSW z=2
data_id: 74
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4

data_id: 77

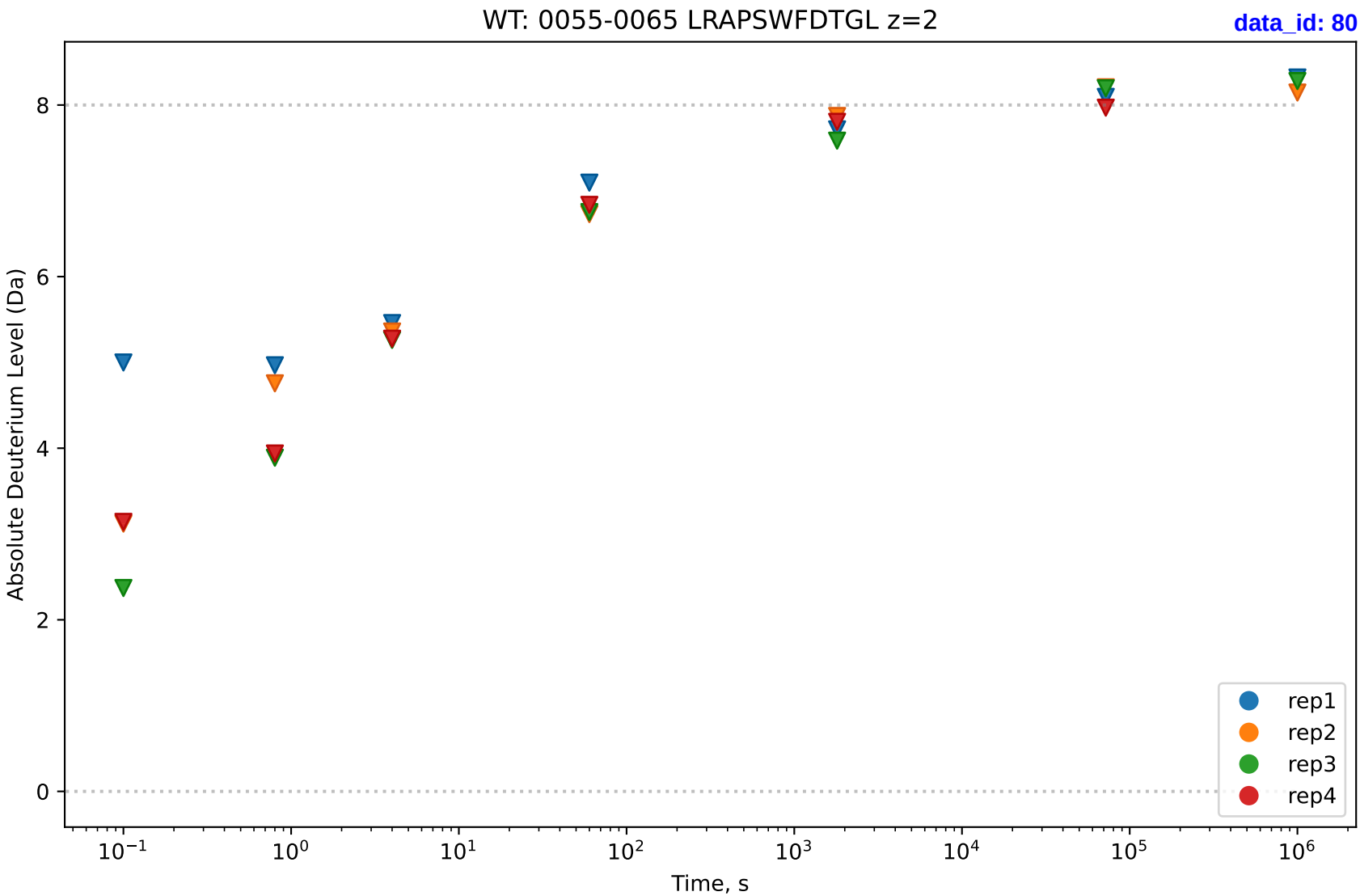

WT: 0055-0061 LRAPSWF z=2
Env res: 1.09
data UnDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.3
m/z = 439.11
m/z = 439.08
Env res: 1.10
data UnDeut, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.3
m/z = 439.12
m/z = 439.09
Env res: 1.10
data UnDeut, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.3
m/z = 439.11
m/z = 439.09
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 1.43
data 0.1s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.7
m/z = 439.83
m/z = 439.88
Env res: 1.44
data 0.1s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 1.8
m/z = 439.57
m/z = 439.58
Env res: 1.44
data 0.1s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 1.5
m/z = 439.48
m/z = 439.48
Env res: 1.40
data 0.1s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 1.7
m/z = 439.54
m/z = 439.54
data 0.1s
rep 1
rep 2
rep 3
rep 4
Env res: 1.21
data 0.8s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.6
m/z = 439.81
m/z = 439.81
Env res: 1.24
data 0.8s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.6
m/z = 439.81
m/z = 439.81
Env res: 1.41
data 0.8s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.3
m/z = 439.72
m/z = 439.71
Env res: 1.38
data 0.8s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.3
m/z = 439.71
m/z = 439.71
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 1.51
data 4.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.4
m/z = 440.04
m/z = 439.99
Env res: 1.71
data 4.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.0
m/z = 439.92
m/z = 439.91
Env res: 1.46
data 4.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.9
m/z = 439.89
m/z = 439.87
Env res: 1.49
data 4.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.0
m/z = 439.94
m/z = 439.91
data 4.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.35
data 60.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.0
m/z = 440.23
m/z = 440.18
Env res: 1.39
data 60.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.0
m/z = 440.24
m/z = 440.18
Env res: 1.34
data 60.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.9
m/z = 440.21
m/z = 440.16
Env res: 1.35
data 60.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.8
m/z = 440.18
m/z = 440.14
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.27
data 1800.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.3
m/z = 440.31
m/z = 440.29
Env res: 1.27
data 1800.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.4
m/z = 440.35
m/z = 440.31
Env res: 1.27
data 1800.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.3
m/z = 440.33
m/z = 440.29
Env res: 1.25
data 1800.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.2
m/z = 440.28
m/z = 440.27
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.27
data 72000.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.5
m/z = 440.39
m/z = 440.36
Env res: 1.29
data 72000.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.5
m/z = 440.38
m/z = 440.36
Env res: 1.25
data 72000.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.5
m/z = 440.40
m/z = 440.36
Env res: 1.23
data 72000.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.2
m/z = 440.29
m/z = 440.30
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.17
data FullDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.3
m/z = 440.34
m/z = 440.33
Env res: 1.18
data FullDeut, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.3
m/z = 440.31
m/z = 440.32
Env res: 1.20
data FullDeut, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.3
m/z = 440.32
m/z = 440.32
data FullDeut
rep 1
rep 2
rep 3
Intensity
m/z

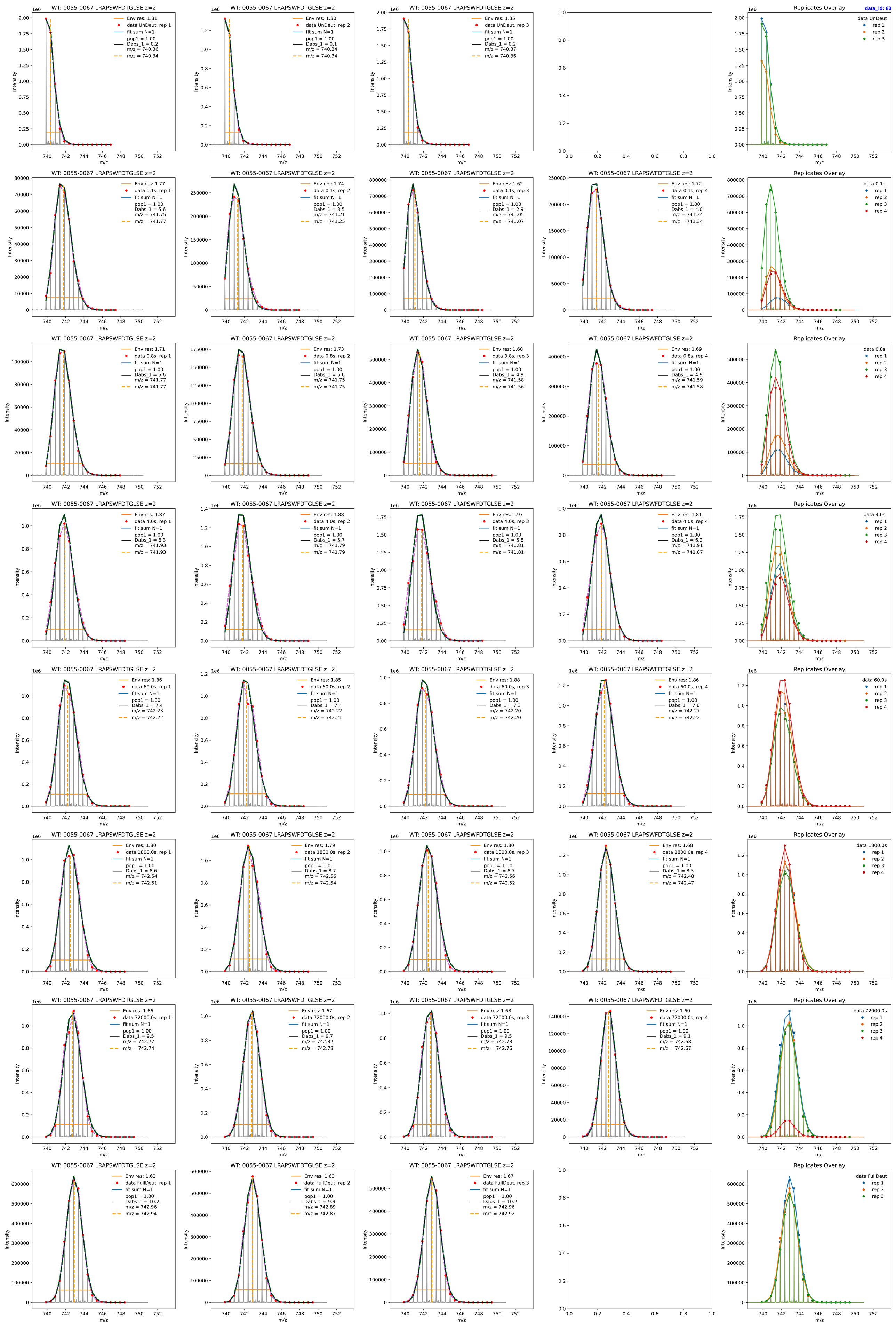
data_id: 77
WT: 0055-0061 LRAPSWF z=2
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
0.1s, rep1
0.1s, rep2
0.1s, rep3
0.1s, rep4
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
4.0s, rep1
4.0s, rep2
4.0s, rep3
4.0s, rep4
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, rep4
1800.0s, rep1
1800.0s, rep2
1800.0s, rep3
1800.0s, rep4
72000.0s, rep1
72000.0s, rep2
72000.0s, rep3
72000.0s, rep4
FullDeut, rep1
FullDeut, rep2
FullDeut, rep3
pop0
Centroid
Replicates Overlay
UnDeut
0.1s
0.8s
4.0s
60.0s
1800.0s
72000.0s
FullDeut
1_pop0
2_pop0
3_pop0
4_pop0
Absolute Deuterium Level (Da)
population


WT: 0055-0061 LRAPSWF z=2
data_id: 77
Absolute Deuterium Level (Da)
Time, s
0
1
2
3
4
10^{-1}
10^{0}
10^{1}
10^{2}
10^{3}
10^{4}
10^{5}
10^{6}
rep1
rep2
rep3
rep4

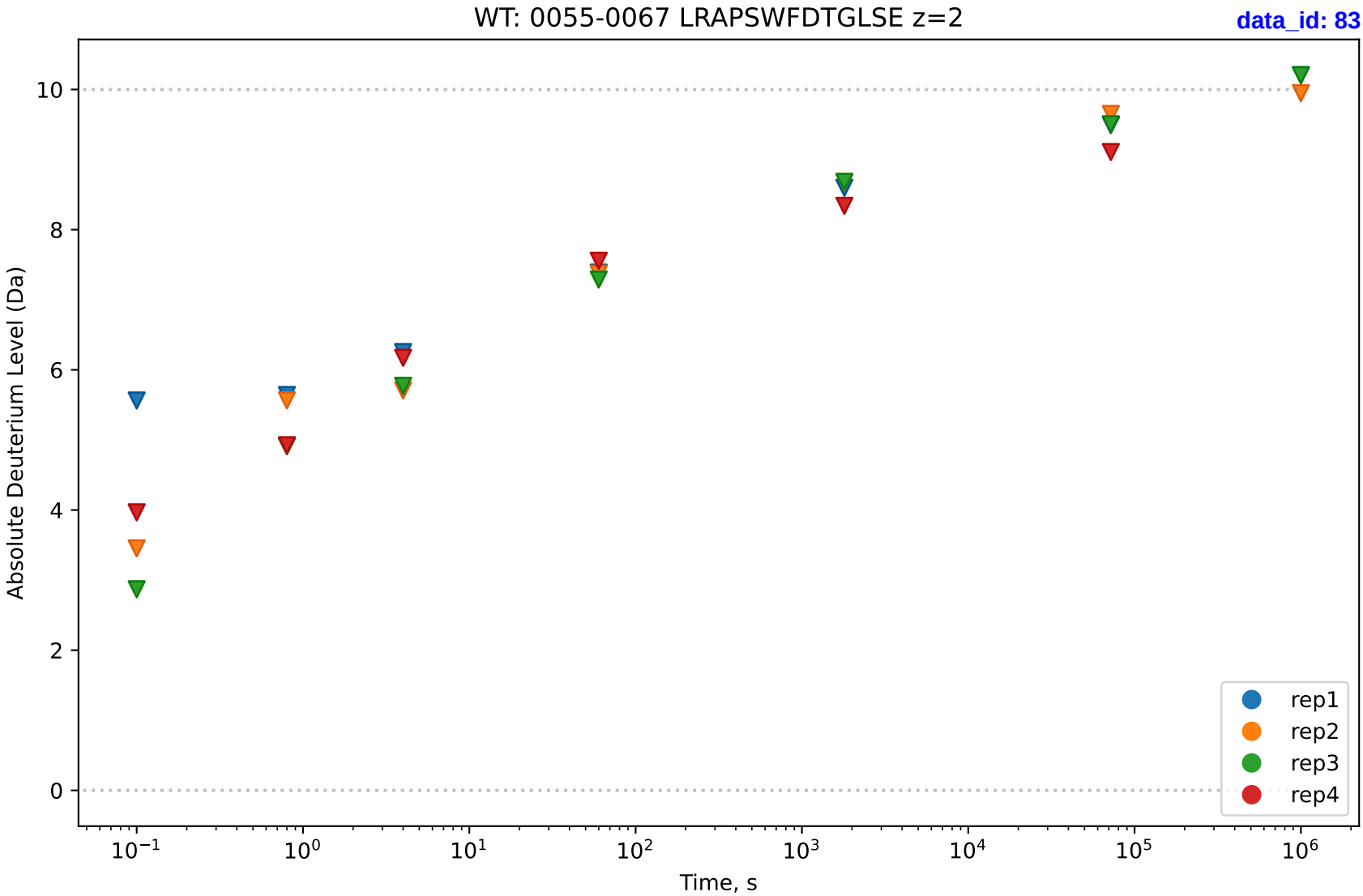

data_id: 80
WT: 0055-0065 LRAPSWFDTGL z=2
Replicates Overlay
Intensity
m/z
Env res: 1.19
data UnDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.3
m/z = 632.29
m/z = 632.26
Env res: 1.20
data UnDeut, rep 2
Dabs_1 = 0.2
m/z = 632.28
m/z = 632.26
Env res: 1.19
data UnDeut, rep 3
Dabs_1 = 0.3
m/z = 632.29
m/z = 632.27
data UnDeut
rep 1
rep 2
rep 3
Env res: 1.54
data 0.1s, rep 1
Dabs_1 = 5.0
m/z = 633.45
m/z = 633.44
Env res: 1.65
data 0.1s, rep 2
Dabs_1 = 3.1
m/z = 632.99
m/z = 633.01
Env res: 1.62
data 0.1s, rep 3
Dabs_1 = 2.4
m/z = 632.80
m/z = 632.82
Env res: 1.60
data 0.1s, rep 4
Dabs_1 = 3.1
m/z = 632.99
m/z = 633.01
data 0.1s
rep 1
rep 2
rep 3
rep 4
Env res: 1.54
data 0.8s, rep 1
Dabs_1 = 5.0
m/z = 633.45
m/z = 633.43
Env res: 1.55
data 0.8s, rep 2
Dabs_1 = 4.8
m/z = 633.39
m/z = 633.40
Env res: 1.45
data 0.8s, rep 3
Dabs_1 = 3.9
m/z = 633.18
m/z = 633.19
Env res: 1.53
data 0.8s, rep 4
Dabs_1 = 3.9
m/z = 633.19
m/z = 633.20
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 1.70
data 4.0s, rep 1
Dabs_1 = 5.5
m/z = 633.57
m/z = 633.55
Env res: 1.75
data 4.0s, rep 2
Dabs_1 = 5.4
m/z = 633.54
m/z = 633.50
Env res: 1.75
data 4.0s, rep 3
Dabs_1 = 5.3
m/z = 633.52
m/z = 633.50
Env res: 1.76
data 4.0s, rep 4
Dabs_1 = 5.3
m/z = 633.52
m/z = 633.48
data 4.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.68
data 60.0s, rep 1
Dabs_1 = 7.1
m/z = 633.97
m/z = 633.90
Env res: 1.66
data 60.0s, rep 2
Dabs_1 = 6.7
m/z = 633.88
m/z = 633.84
Env res: 1.67
data 60.0s, rep 3
Dabs_1 = 6.8
m/z = 633.89
m/z = 633.84
Env res: 1.68
data 60.0s, rep 4
Dabs_1 = 6.8
m/z = 633.91
m/z = 633.83
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.54
data 1800.0s, rep 1
Dabs_1 = 7.7
m/z = 634.13
m/z = 634.10
Env res: 1.54
data 1800.0s, rep 2
Dabs_1 = 7.9
m/z = 634.17
m/z = 634.12
Env res: 1.53
data 1800.0s, rep 3
Dabs_1 = 7.6
m/z = 634.09
m/z = 634.06
Env res: 1.51
data 1800.0s, rep 4
Dabs_1 = 7.8
m/z = 634.15
m/z = 634.11
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.55
data 72000.0s, rep 1
Dabs_1 = 8.1
m/z = 634.22
m/z = 634.20
Env res: 1.52
data 72000.0s, rep 2
Dabs_1 = 8.2
m/z = 634.25
m/z = 634.23
Env res: 1.51
data 72000.0s, rep 3
Dabs_1 = 8.2
m/z = 634.25
m/z = 634.21
Env res: 1.47
data 72000.0s, rep 4
Dabs_1 = 8.0
m/z = 634.19
m/z = 634.19
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.48
data FullDeut, rep 1
Dabs_1 = 8.3
m/z = 634.28
m/z = 634.26
Env res: 1.45
data FullDeut, rep 2
Dabs_1 = 8.1
m/z = 634.24
m/z = 634.21
Env res: 1.43
data FullDeut, rep 3
Dabs_1 = 8.3
m/z = 634.27
m/z = 634.25
data FullDeut
rep 1
rep 2
rep 3

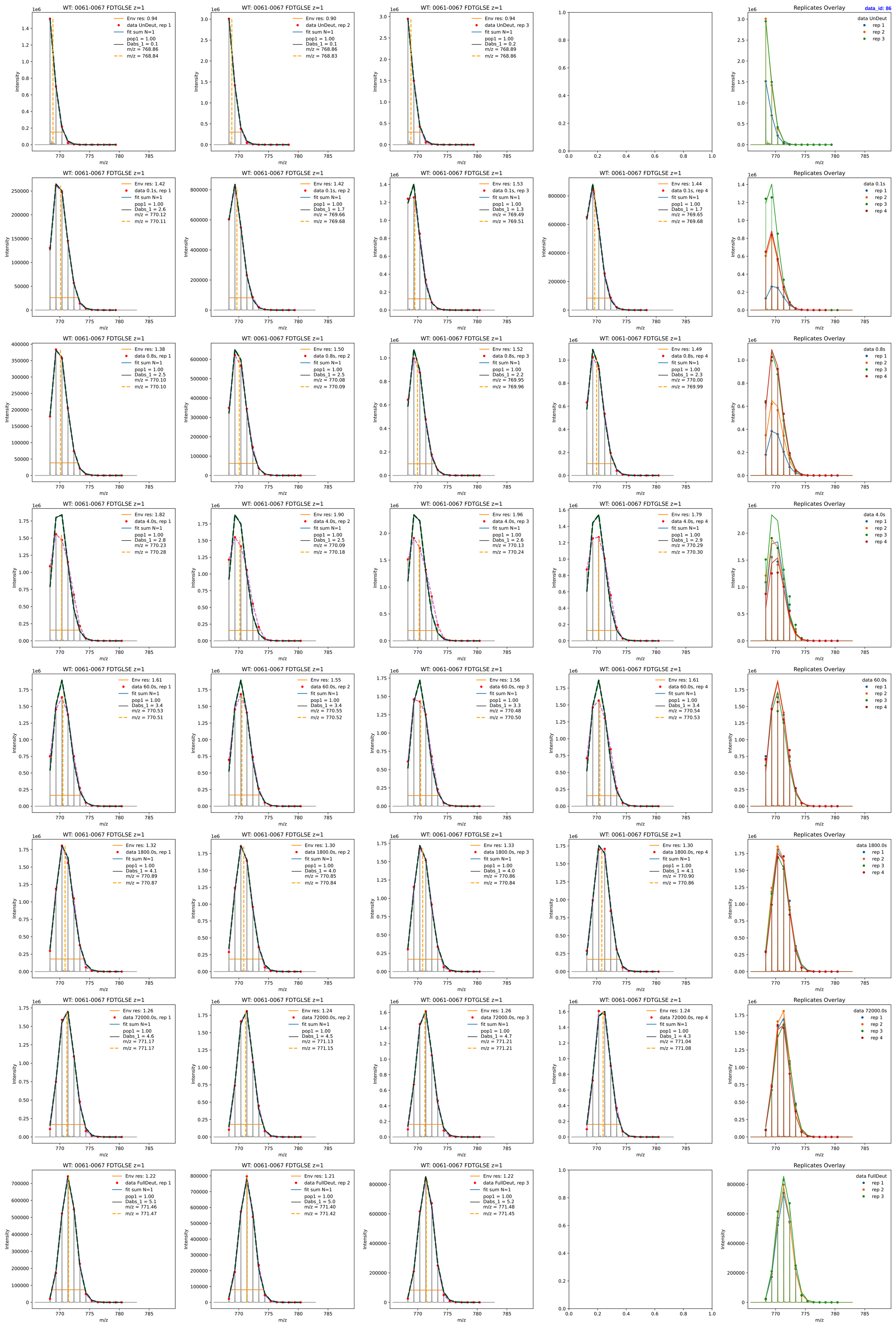
data_id: 80
WT: 0055-0065 LRAPSWFDTGL z=2
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
0.1s, rep1
0.1s, rep2
0.1s, rep3
0.1s, rep4
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
4.0s, rep1
4.0s, rep2
4.0s, rep3
4.0s, rep4
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, rep4
1800.0s, rep1
1800.0s, rep2
1800.0s, rep3
1800.0s, rep4
72000.0s, rep1
72000.0s, rep2
72000.0s, rep3
72000.0s, rep4
FullDeut, rep1
FullDeut, rep2
FullDeut, rep3
pop0
Centroid
Replicates Overlay
UnDeut
0.1s
0.8s
4.0s
60.0s
1800.0s
72000.0s
FullDeut
1_pop0
2_pop0
3_pop0
4_pop0
population
Absolute Deuterium Level (Da)

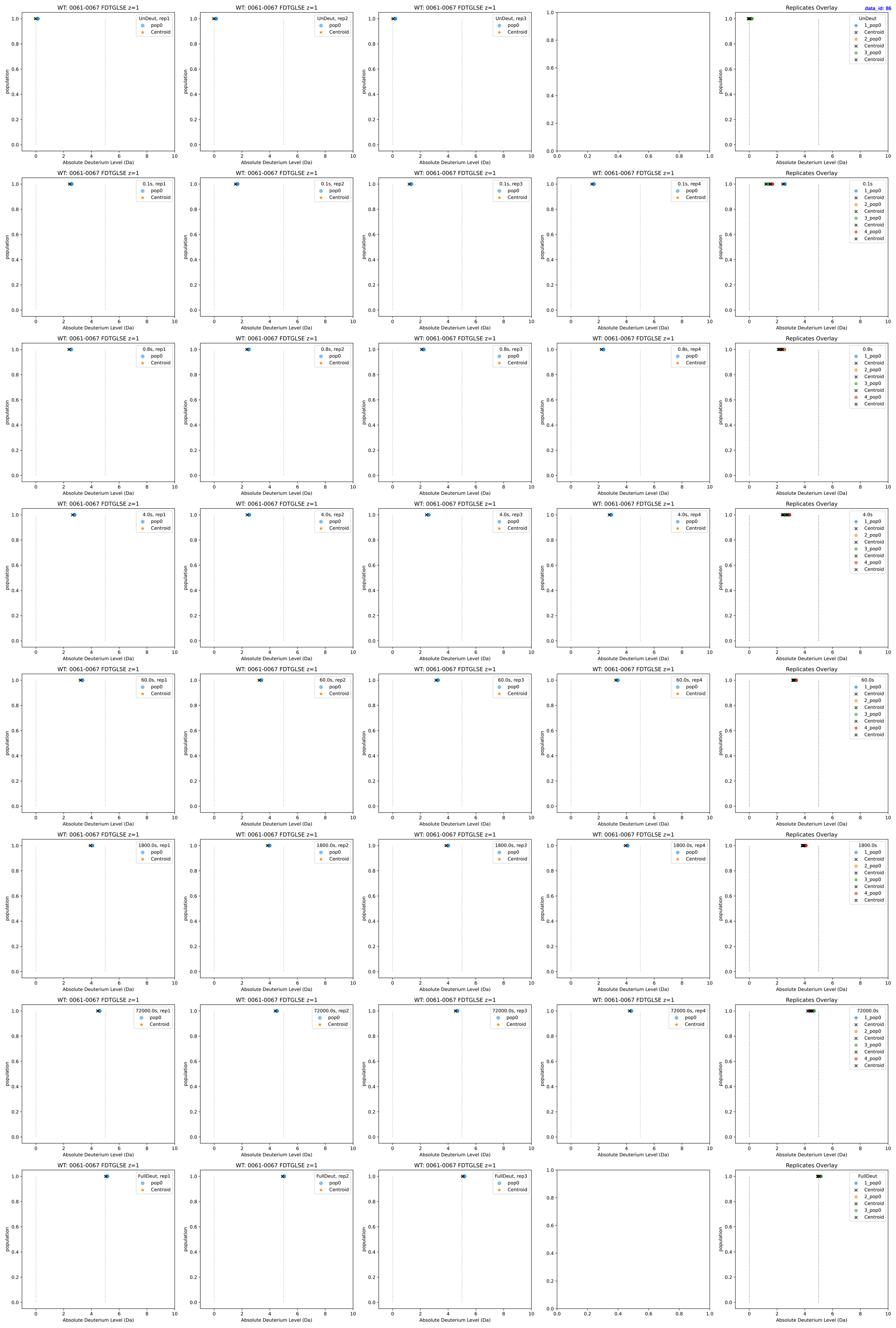

WT: 0055-0065 LRAPSWFDTGL z=2
data_id: 80
Absolute Deuterium Level (Da)
Time, s
0
2
4
6
8
10^{-1}
10^{0}
10^{1}
10^{2}
10^{3}
10^{4}
10^{5}
10^{6}
rep1
rep2
rep3
rep4

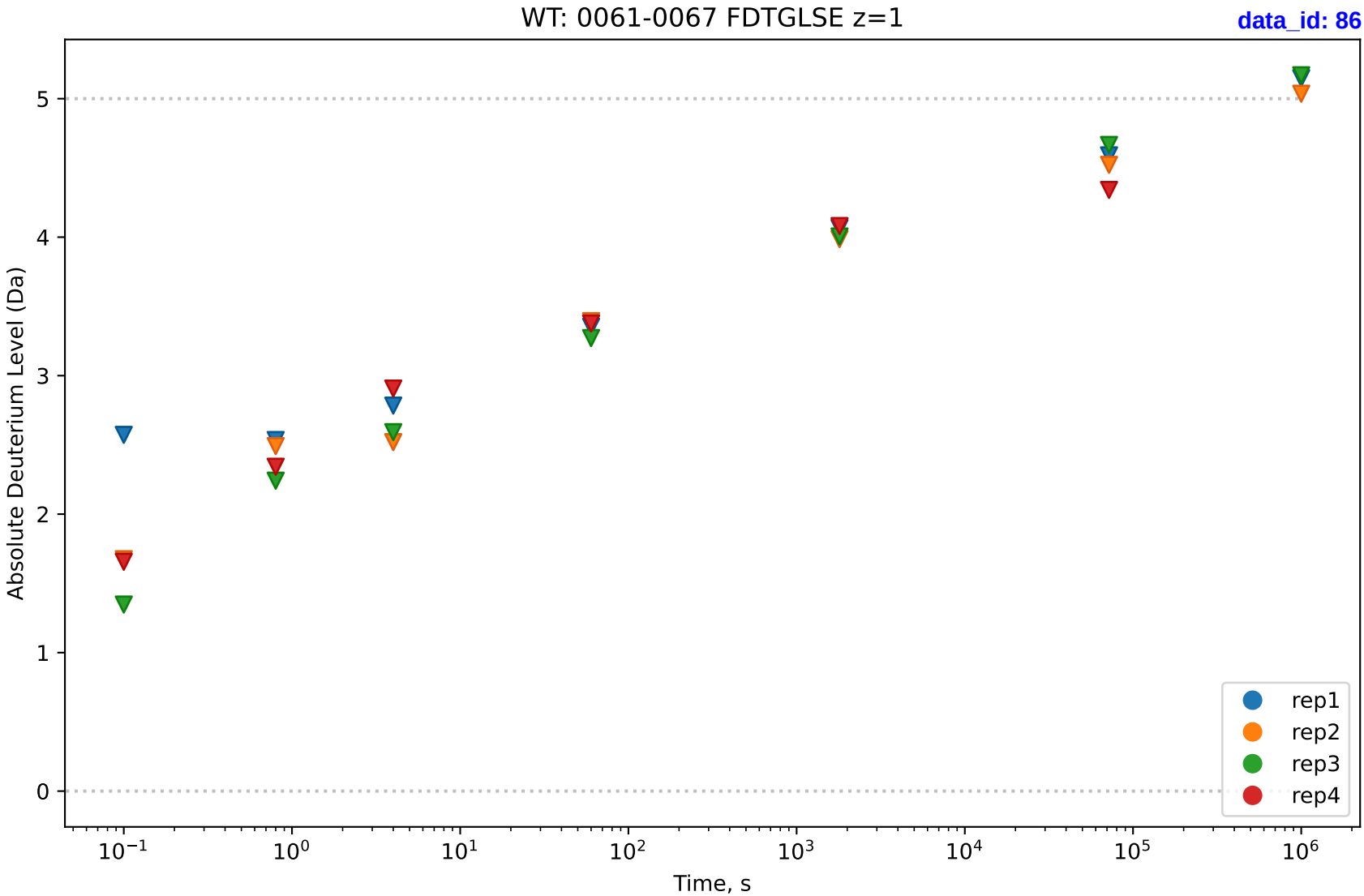

data_id: 83
WT: 0055-0067 LRAPSWFDTGLSE z=2
Env res: 1.31
data UnDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.2
m/z = 740.36
m/z = 740.34
Env res: 1.30
data UnDeut, rep 2
Dabs_1 = 0.1
m/z = 740.34
Env res: 1.35
data UnDeut, rep 3
Dabs_1 = 0.2
m/z = 740.37
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 1.77
data 0.1s, rep 1
Dabs_1 = 5.6
m/z = 741.75
m/z = 741.77
Env res: 1.74
data 0.1s, rep 2
Dabs_1 = 3.5
m/z = 741.21
m/z = 741.25
Env res: 1.62
data 0.1s, rep 3
Dabs_1 = 2.9
m/z = 741.05
m/z = 741.07
Env res: 1.72
data 0.1s, rep 4
Dabs_1 = 4.0
m/z = 741.34
m/z = 741.34
data 0.1s
rep 1
rep 2
rep 3
rep 4
Env res: 1.71
data 0.8s, rep 1
Dabs_1 = 5.6
m/z = 741.77
m/z = 741.77
Env res: 1.73
data 0.8s, rep 2
Dabs_1 = 5.6
m/z = 741.75
m/z = 741.75
Env res: 1.60
data 0.8s, rep 3
Dabs_1 = 4.9
m/z = 741.58
m/z = 741.56
Env res: 1.69
data 0.8s, rep 4
Dabs_1 = 4.9
m/z = 741.59
m/z = 741.58
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 1.87
data 4.0s, rep 1
Dabs_1 = 6.3
m/z = 741.93
m/z = 741.93
Env res: 1.88
data 4.0s, rep 2
Dabs_1 = 5.7
m/z = 741.79
m/z = 741.79
Env res: 1.97
data 4.0s, rep 3
Dabs_1 = 5.8
m/z = 741.81
m/z = 741.81
Env res: 1.81
data 4.0s, rep 4
Dabs_1 = 6.2
m/z = 741.91
m/z = 741.87
data 4.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.86
data 60.0s, rep 1
Dabs_1 = 7.4
m/z = 742.23
m/z = 742.22
Env res: 1.85
data 60.0s, rep 2
Dabs_1 = 7.4
m/z = 742.22
m/z = 742.21
Env res: 1.88
data 60.0s, rep 3
Dabs_1 = 7.3
m/z = 742.20
m/z = 742.20
Env res: 1.86
data 60.0s, rep 4
Dabs_1 = 7.6
m/z = 742.27
m/z = 742.22
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.80
data 1800.0s, rep 1
Dabs_1 = 8.6
m/z = 742.54
m/z = 742.51
Env res: 1.79
data 1800.0s, rep 2
Dabs_1 = 8.7
m/z = 742.56
m/z = 742.54
Env res: 1.80
data 1800.0s, rep 3
Dabs_1 = 8.7
m/z = 742.56
m/z = 742.52
Env res: 1.68
data 1800.0s, rep 4
Dabs_1 = 8.3
m/z = 742.48
m/z = 742.47
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.66
data 72000.0s, rep 1
Dabs_1 = 9.5
m/z = 742.77
m/z = 742.74
Env res: 1.67
data 72000.0s, rep 2
Dabs_1 = 9.7
m/z = 742.82
m/z = 742.78
Env res: 1.68
data 72000.0s, rep 3
Dabs_1 = 9.5
m/z = 742.78
m/z = 742.76
Env res: 1.60
data 72000.0s, rep 4
Dabs_1 = 9.1
m/z = 742.68
m/z = 742.67
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.63
data FullDeut, rep 1
Dabs_1 = 10.2
m/z = 742.96
m/z = 742.94
Env res: 1.63
data FullDeut, rep 2
Dabs_1 = 9.9
m/z = 742.89
m/z = 742.87
Env res: 1.67
data FullDeut, rep 3
Dabs_1 = 10.2
m/z = 742.96
m/z = 742.92
data FullDeut
rep 1
rep 2
rep 3
Intensity
m/z

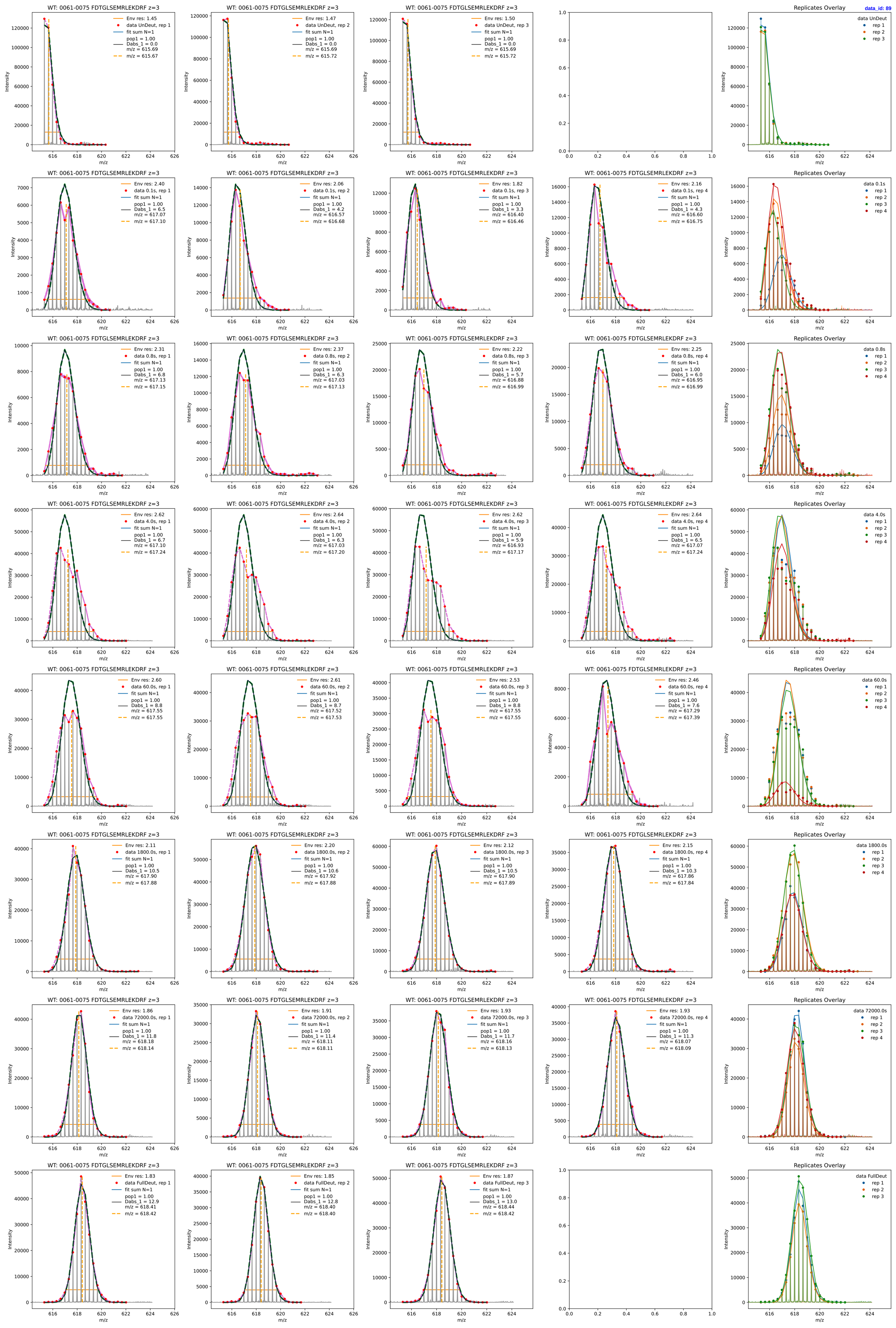
data_id: 83
WT: 0055-0067 LRAPSWFDTGLSE z=2
Replicates Overlay
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
UnDeut
0.1s, rep1
0.1s, rep2
0.1s, rep3
0.1s, rep4
0.1s
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
0.8s
4.0s, rep1
4.0s, rep2
4.0s, rep3
4.0s, rep4
4.0s
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, rep4
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, rep3
FullDeut
pop0
1_pop0
2_pop0
3_pop0
4_pop0
Centroid
population
Absolute Deuterium Level (Da)


WT: 0055-0067 LRAPSWFDTGLSE z=2
data_id: 83
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4


data_id: 86
WT: 0061-0067 FDTGLSE z=1
Env res: 0.94
data UnDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.1
m/z = 768.86
m/z = 768.84
Env res: 0.90
data UnDeut, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.1
m/z = 768.86
m/z = 768.83
Env res: 0.94
data UnDeut, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.2
m/z = 768.89
m/z = 768.86
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 1.42
data 0.1s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.6
m/z = 770.12
m/z = 770.11
Env res: 1.42
data 0.1s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 1.7
m/z = 769.66
m/z = 769.68
Env res: 1.53
data 0.1s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 1.3
m/z = 769.49
m/z = 769.51
Env res: 1.44
data 0.1s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 1.7
m/z = 769.65
m/z = 769.68
data 0.1s
rep 1
rep 2
rep 3
rep 4
Env res: 1.38
data 0.8s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.5
m/z = 770.10
m/z = 770.10
Env res: 1.50
data 0.8s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.5
m/z = 770.08
m/z = 770.09
Env res: 1.52
data 0.8s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.2
m/z = 769.95
m/z = 769.96
Env res: 1.49
data 0.8s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.3
m/z = 770.00
m/z = 769.99
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 1.82
data 4.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.8
m/z = 770.23
m/z = 770.28
Env res: 1.90
data 4.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.5
m/z = 770.09
m/z = 770.18
Env res: 1.96
data 4.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.6
m/z = 770.13
m/z = 770.24
Env res: 1.79
data 4.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.9
m/z = 770.29
m/z = 770.30
data 4.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.61
data 60.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.4
m/z = 770.53
m/z = 770.51
Env res: 1.55
data 60.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.4
m/z = 770.55
m/z = 770.52
Env res: 1.56
data 60.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.3
m/z = 770.48
m/z = 770.50
Env res: 1.61
data 60.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.4
m/z = 770.54
m/z = 770.53
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.32
data 1800.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.1
m/z = 770.89
m/z = 770.87
Env res: 1.30
data 1800.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.0
m/z = 770.85
m/z = 770.84
Env res: 1.33
data 1800.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.0
m/z = 770.86
m/z = 770.84
Env res: 1.30
data 1800.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.1
m/z = 770.90
m/z = 770.86
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.26
data 72000.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.6
m/z = 771.17
m/z = 771.17
Env res: 1.24
data 72000.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.5
m/z = 771.13
m/z = 771.15
Env res: 1.26
data 72000.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.7
m/z = 771.21
m/z = 771.21
Env res: 1.24
data 72000.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.3
m/z = 771.04
m/z = 771.08
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.22
data FullDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.1
m/z = 771.46
m/z = 771.47
Env res: 1.21
data FullDeut, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.0
m/z = 771.40
m/z = 771.42
Env res: 1.22
data FullDeut, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.2
m/z = 771.48
m/z = 771.45
data FullDeut
rep 1
rep 2
rep 3
Intensity
m/z

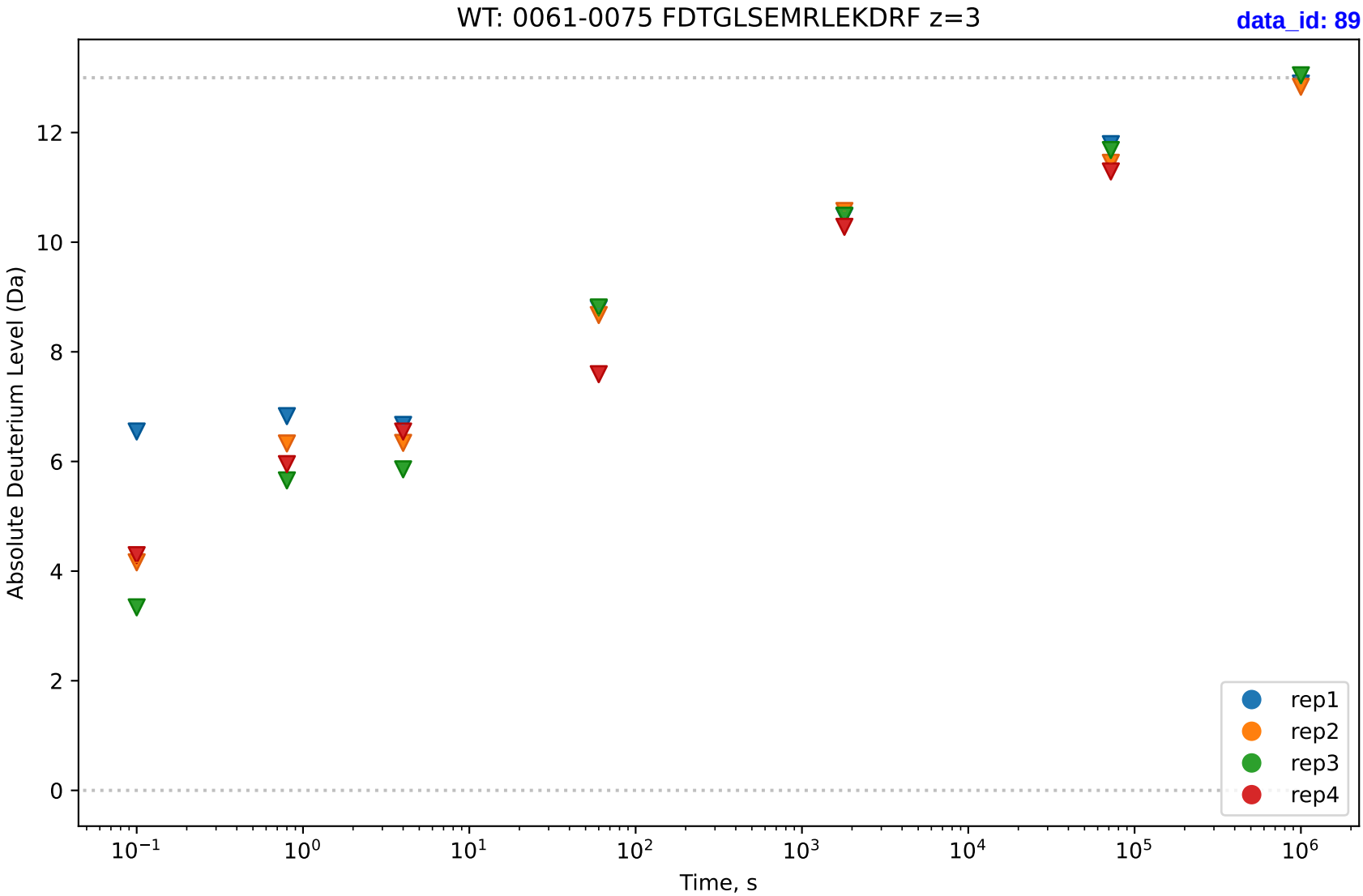

data_id: 86
WT: 0061-0067 FDTGLSE z=1
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
Replicates Overlay
UnDeut
0.1s, rep1
0.1s, rep2
0.1s, rep3
0.1s, rep4
0.1s
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
0.8s
4.0s, rep1
4.0s, rep2
4.0s, rep3
4.0s, rep4
4.0s
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, rep4
60.0s
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, rep3
FullDeut
pop0
Centroid
1_pop0
2_pop0
3_pop0
4_pop0
population
Absolute Deuterium Level (Da)


WT: 0061-0067 FDTGLSE z=1
data_id: 86
Absolute Deuterium Level (Da)
Time, s
0
1
2
3
4
5
10^{-1}
10^{0}
10^{1}
10^{2}
10^{3}
10^{4}
10^{5}
10^{6}
rep1
rep2
rep3
rep4

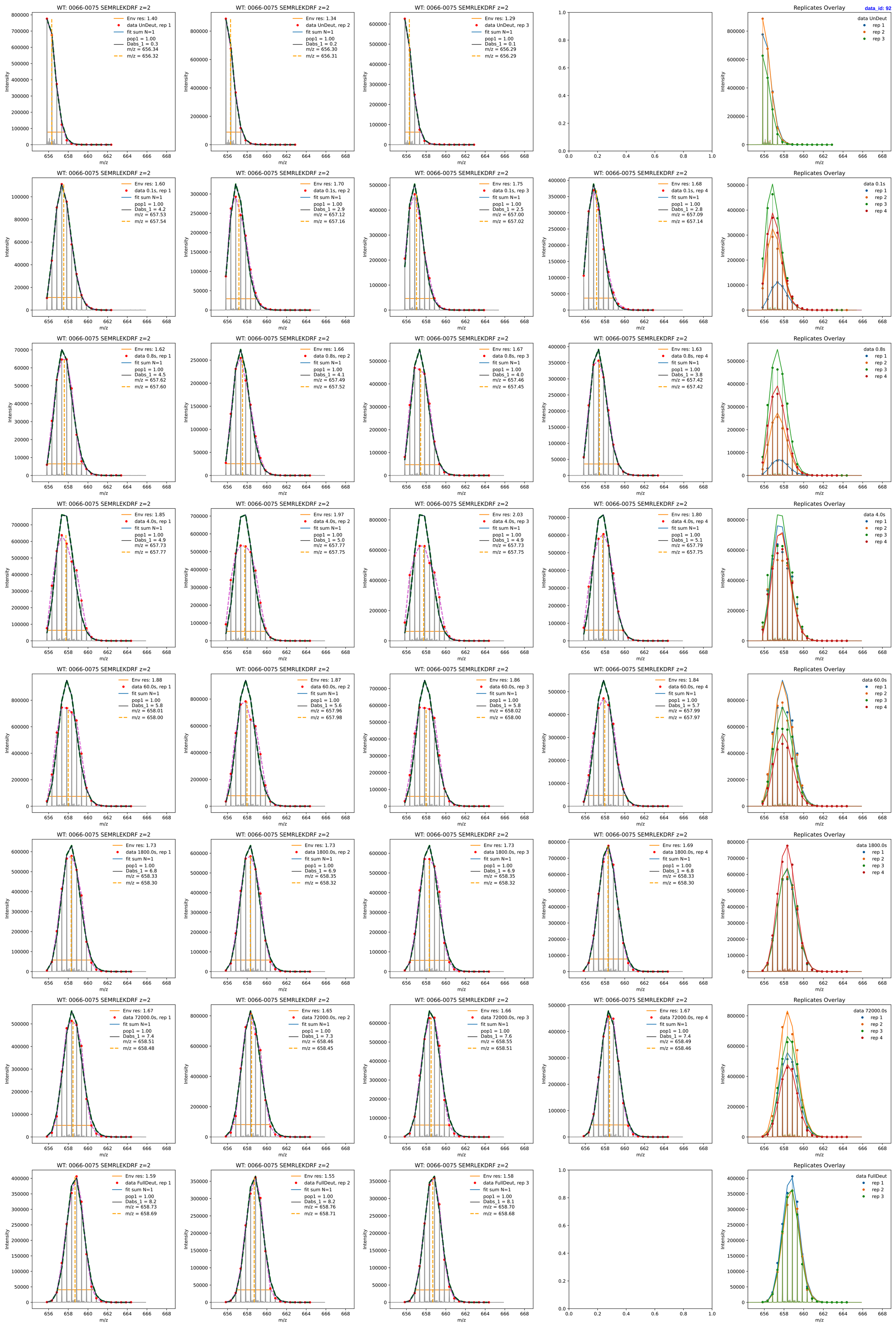

data_id: 89
WT: 0061-0075 FDTGLSEMRLEKDRF z=3
Env res: 1.45
data UnDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.0
m/z = 615.69
m/z = 615.67
Env res: 1.47
data UnDeut, rep 2
m/z = 615.72
Env res: 1.50
data UnDeut, rep 3
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 2.40
data 0.1s, rep 1
Dabs_1 = 6.5
m/z = 617.07
m/z = 617.10
Env res: 2.06
data 0.1s, rep 2
Dabs_1 = 4.2
m/z = 616.57
m/z = 616.68
Env res: 1.82
data 0.1s, rep 3
Dabs_1 = 3.3
m/z = 616.40
m/z = 616.46
Env res: 2.16
data 0.1s, rep 4
Dabs_1 = 4.3
m/z = 616.60
m/z = 616.75
data 0.1s
rep 1
rep 2
rep 3
rep 4
Env res: 2.31
data 0.8s, rep 1
Dabs_1 = 6.8
m/z = 617.13
m/z = 617.15
Env res: 2.37
data 0.8s, rep 2
Dabs_1 = 6.3
m/z = 617.03
m/z = 617.13
Env res: 2.22
data 0.8s, rep 3
Dabs_1 = 5.7
m/z = 616.88
m/z = 616.99
Env res: 2.25
data 0.8s, rep 4
Dabs_1 = 6.0
m/z = 616.95
m/z = 616.99
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 2.62
data 4.0s, rep 1
Dabs_1 = 6.7
m/z = 617.10
m/z = 617.24
Env res: 2.64
data 4.0s, rep 2
Dabs_1 = 6.3
m/z = 617.03
m/z = 617.20
Env res: 2.62
data 4.0s, rep 3
Dabs_1 = 5.9
m/z = 616.93
m/z = 617.17
Env res: 2.64
data 4.0s, rep 4
Dabs_1 = 6.5
m/z = 617.07
m/z = 617.24
data 4.0s
rep 1
rep 2
rep 3
rep 4
Env res: 2.60
data 60.0s, rep 1
Dabs_1 = 8.8
m/z = 617.55
m/z = 617.55
Env res: 2.61
data 60.0s, rep 2
Dabs_1 = 8.7
m/z = 617.52
m/z = 617.53
Env res: 2.53
data 60.0s, rep 3
Dabs_1 = 8.8
m/z = 617.55
m/z = 617.55
Env res: 2.46
data 60.0s, rep 4
Dabs_1 = 7.6
m/z = 617.29
m/z = 617.39
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 2.11
data 1800.0s, rep 1
Dabs_1 = 10.5
m/z = 617.90
m/z = 617.88
Env res: 2.20
data 1800.0s, rep 2
Dabs_1 = 10.6
m/z = 617.92
m/z = 617.88
Env res: 2.12
data 1800.0s, rep 3
Dabs_1 = 10.5
m/z = 617.90
m/z = 617.89
Env res: 2.15
data 1800.0s, rep 4
Dabs_1 = 10.3
m/z = 617.86
m/z = 617.84
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.86
data 72000.0s, rep 1
Dabs_1 = 11.8
m/z = 618.18
m/z = 618.14
Env res: 1.91
data 72000.0s, rep 2
Dabs_1 = 11.4
m/z = 618.11
m/z = 618.11
Env res: 1.93
data 72000.0s, rep 3
Dabs_1 = 11.7
m/z = 618.16
m/z = 618.13
Env res: 1.93
data 72000.0s, rep 4
Dabs_1 = 11.3
m/z = 618.07
m/z = 618.09
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.83
data FullDeut, rep 1
Dabs_1 = 12.9
m/z = 618.41
m/z = 618.42
Env res: 1.85
data FullDeut, rep 2
Dabs_1 = 12.8
m/z = 618.40
m/z = 618.40
Env res: 1.87
data FullDeut, rep 3
Dabs_1 = 13.0
m/z = 618.44
m/z = 618.42
data FullDeut
rep 1
rep 2
rep 3
Intensity
m/z

data_id: 89

WT: 0061-0075 FDTGLSEMRLEKDRF 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, rep4
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, rep3
FullDeut
pop0
Centroid
1_pop0
2_pop0
3_pop0
4_pop0
population
Absolute Deuterium Level (Da)

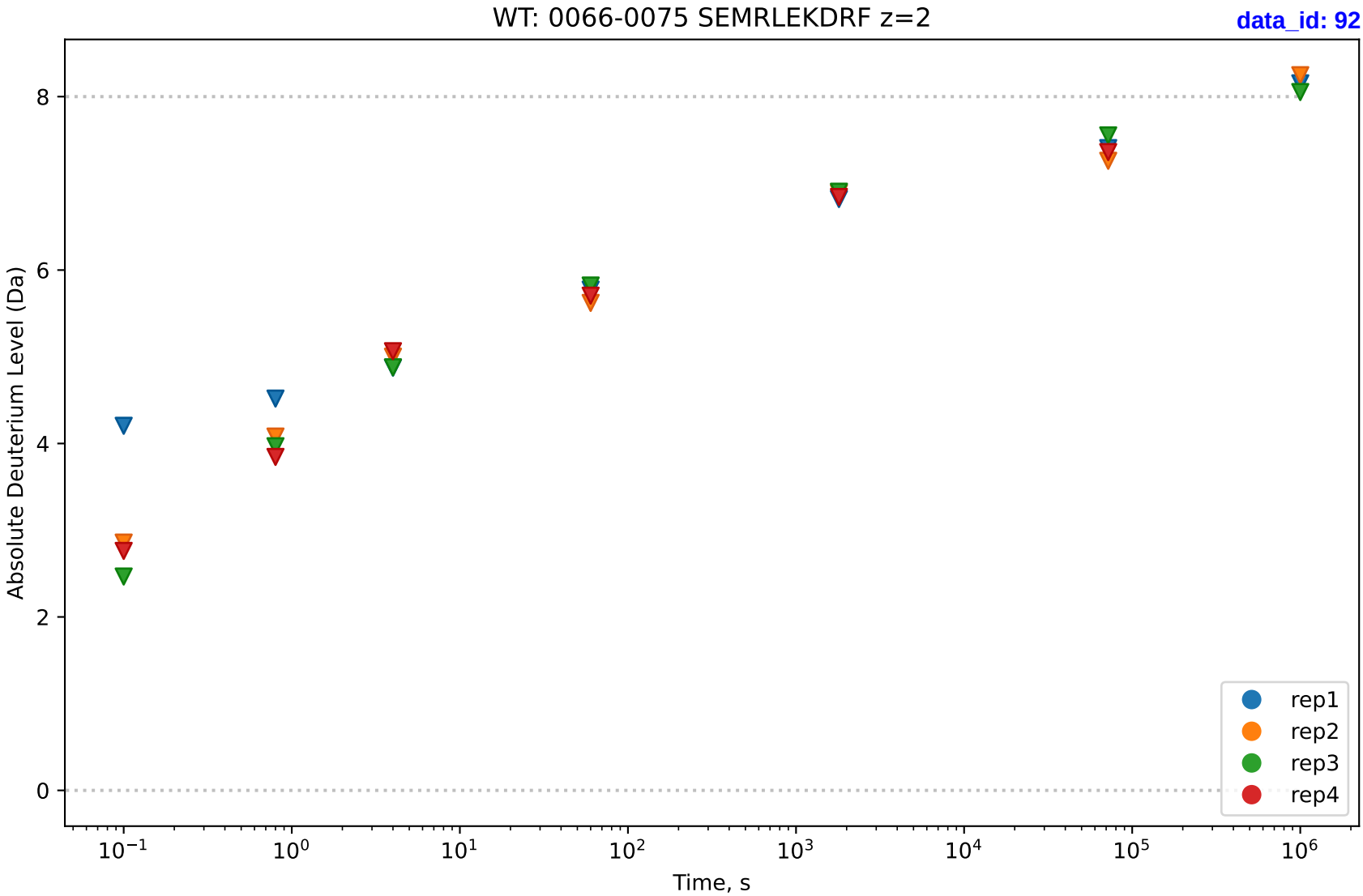

WT: 0061-0075 FDTGLSEMRLEKDRF z=3
data_id: 89
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4

data_id: 92

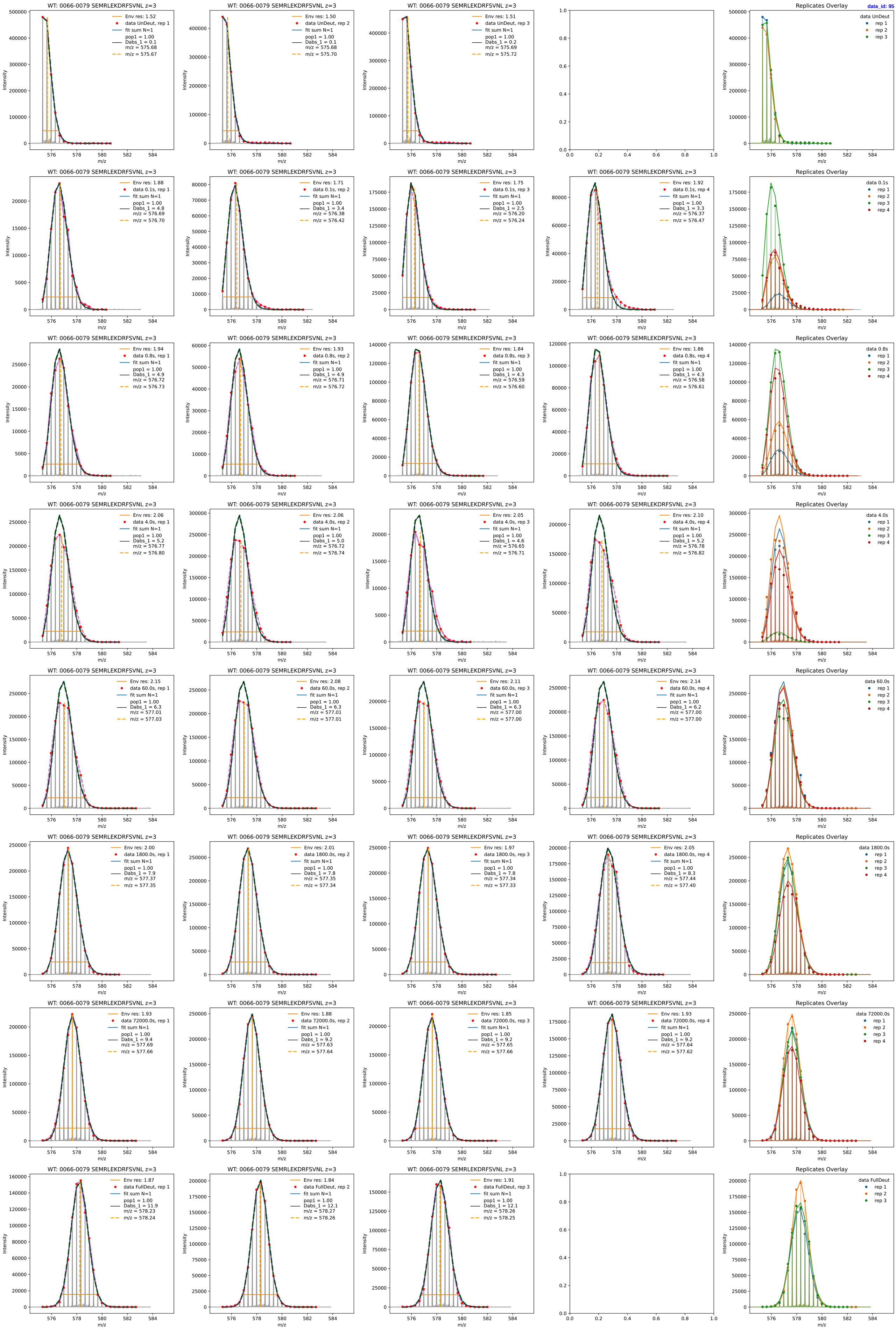

WT: 0066-0075 SEMRLEKDRF z=2
Env res: 1.40
data UnDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.3
m/z = 656.34
m/z = 656.32
Env res: 1.34
data UnDeut, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.2
m/z = 656.30
m/z = 656.31
Env res: 1.29
data UnDeut, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.1
m/z = 656.29
m/z = 656.29
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 1.60
data 0.1s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.2
m/z = 657.53
m/z = 657.54
Env res: 1.70
data 0.1s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.9
m/z = 657.12
m/z = 657.16
Env res: 1.75
data 0.1s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.5
m/z = 657.00
m/z = 657.02
Env res: 1.68
data 0.1s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.8
m/z = 657.09
m/z = 657.14
data 0.1s
rep 1
rep 2
rep 3
rep 4
Env res: 1.62
data 0.8s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.5
m/z = 657.62
m/z = 657.60
Env res: 1.66
data 0.8s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.1
m/z = 657.49
m/z = 657.52
Env res: 1.67
data 0.8s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.0
m/z = 657.46
m/z = 657.45
Env res: 1.63
data 0.8s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.8
m/z = 657.42
m/z = 657.42
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 1.85
data 4.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.9
m/z = 657.73
m/z = 657.77
Env res: 1.97
data 4.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.0
m/z = 657.77
m/z = 657.75
Env res: 2.03
data 4.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.9
m/z = 657.73
m/z = 657.75
Env res: 1.80
data 4.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.1
m/z = 657.79
m/z = 657.75
data 4.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.88
data 60.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.8
m/z = 658.01
m/z = 658.00
Env res: 1.87
data 60.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.6
m/z = 657.96
m/z = 657.98
Env res: 1.86
data 60.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.8
m/z = 658.02
m/z = 658.00
Env res: 1.84
data 60.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.7
m/z = 657.99
m/z = 657.97
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.73
data 1800.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 6.8
m/z = 658.33
m/z = 658.30
Env res: 1.73
data 1800.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 6.9
m/z = 658.35
m/z = 658.32
Env res: 1.73
data 1800.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 6.9
m/z = 658.35
m/z = 658.32
Env res: 1.69
data 1800.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 6.8
m/z = 658.33
m/z = 658.30
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.67
data 72000.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 7.4
m/z = 658.51
m/z = 658.48
Env res: 1.65
data 72000.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 7.3
m/z = 658.46
m/z = 658.45
Env res: 1.66
data 72000.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 7.6
m/z = 658.55
m/z = 658.51
Env res: 1.67
data 72000.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 7.4
m/z = 658.49
m/z = 658.46
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.59
data FullDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 8.2
m/z = 658.73
m/z = 658.69
Env res: 1.55
data FullDeut, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 8.2
m/z = 658.76
m/z = 658.71
Env res: 1.58
data FullDeut, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 8.1
m/z = 658.70
m/z = 658.68
data FullDeut
rep 1
rep 2
rep 3
Intensity
m/z

data_id: 92

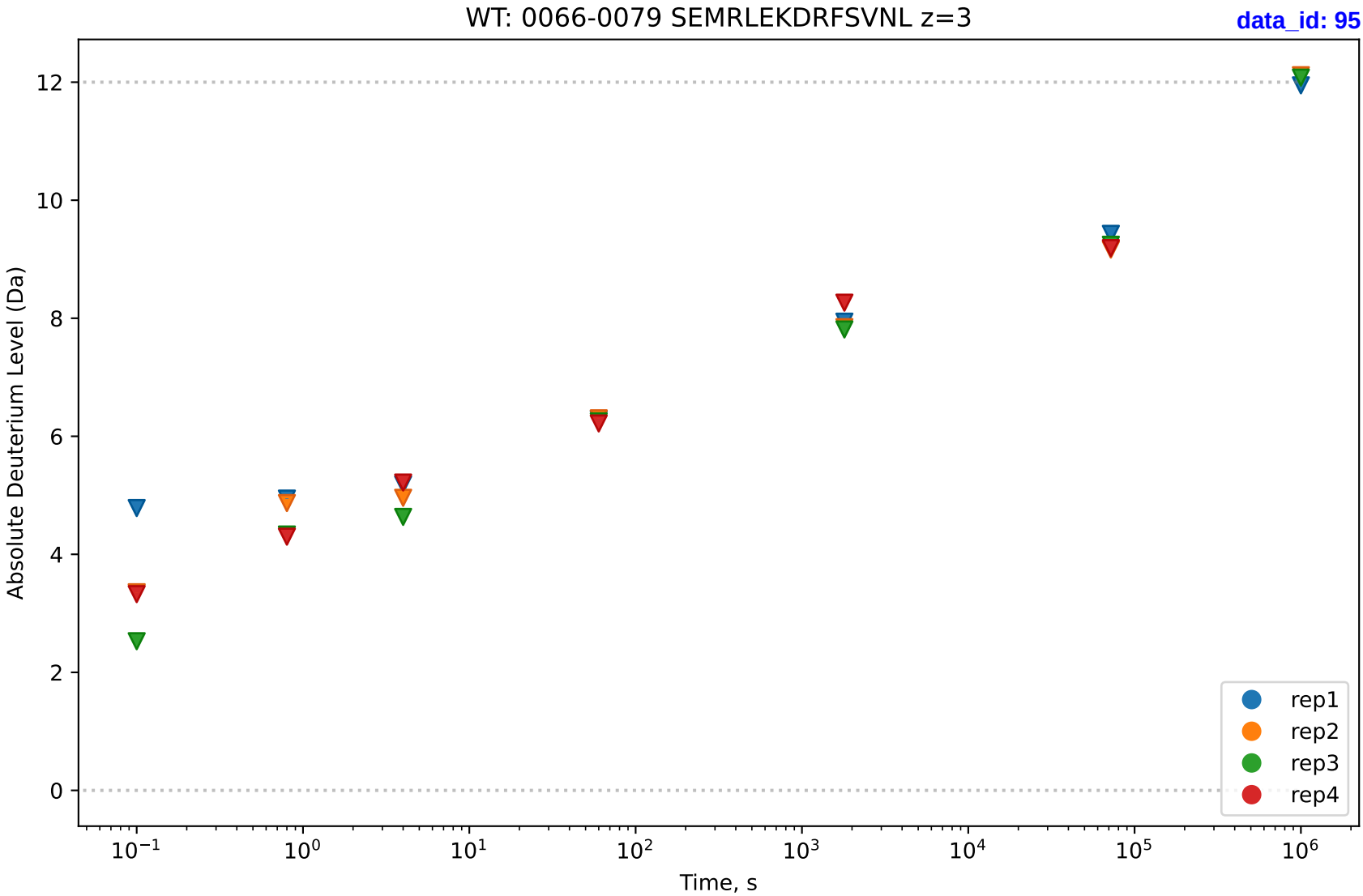
WT: 0066-0075 SEMRLEKDRF z=2
Replicates Overlay
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
UnDeut
0.1s, rep1
0.1s, rep2
0.1s, rep3
0.1s, rep4
0.1s
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
0.8s
4.0s, rep1
4.0s, rep2
4.0s, rep3
4.0s, rep4
4.0s
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, rep4
60.0s
1800.0s,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


WT: 0066-0075 SEMRLEKDRF z=2
data_id: 92
Absolute Deuterium Level (Da)
Time, s
0
2
4
6
8
10^{-1}
10^{0}
10^{1}
10^{2}
10^{3}
10^{4}
10^{5}
10^{6}
rep1
rep2
rep3
rep4

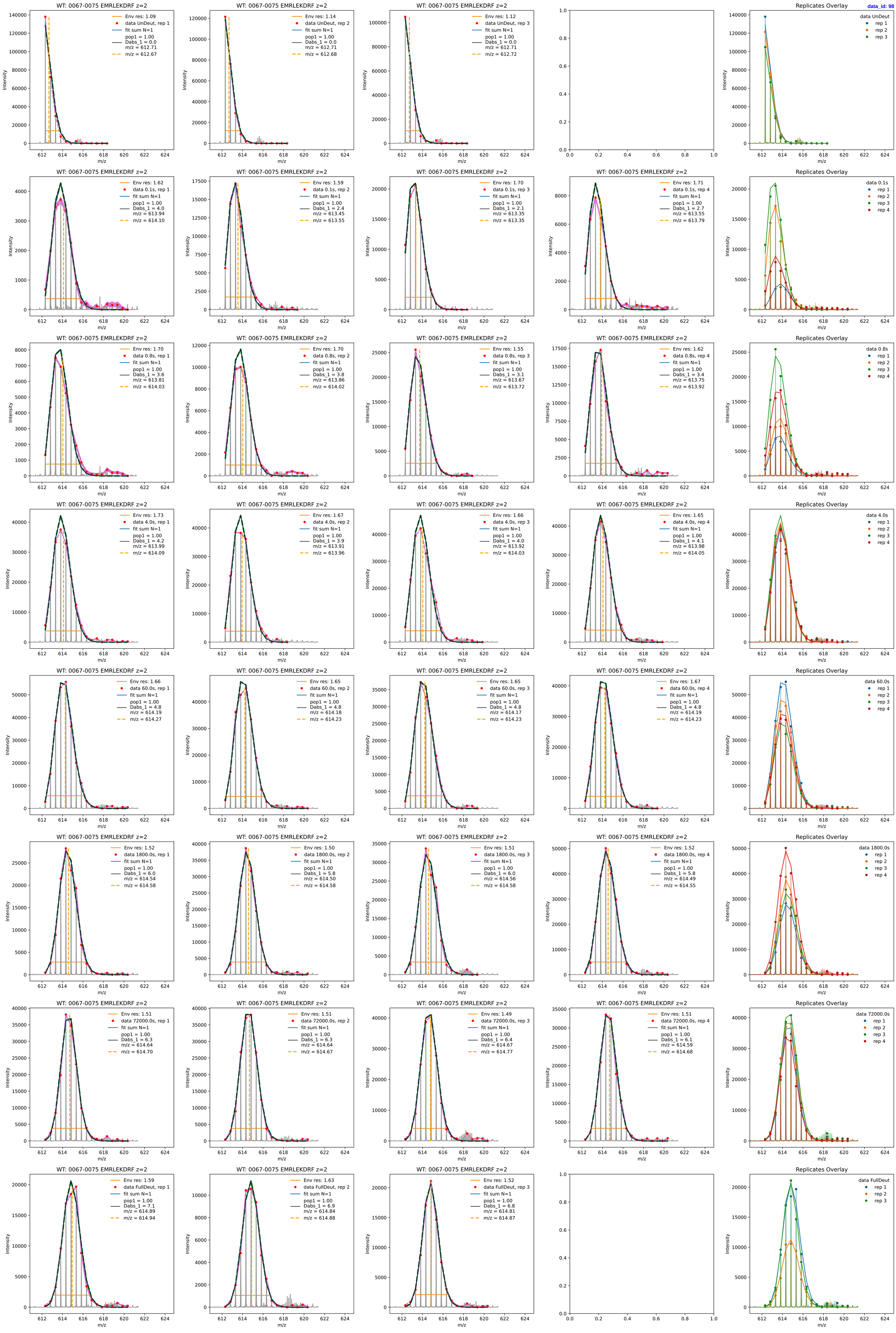
data_id: 95


WT: 0066-0079 SEMRLEKDRFSVNL z=3
Env res: 1.52
data UnDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.1
m/z = 575.68
m/z = 575.67
Env res: 1.50
data UnDeut, rep 2
Dabs_1 = 0.1
m/z = 575.68
m/z = 575.70
Env res: 1.51
data UnDeut, rep 3
Dabs_1 = 0.2
m/z = 575.69
m/z = 575.72
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 1.88
data 0.1s, rep 1
Dabs_1 = 4.8
m/z = 576.69
m/z = 576.70
Env res: 1.71
data 0.1s, rep 2
Dabs_1 = 3.4
m/z = 576.38
m/z = 576.42
Env res: 1.75
data 0.1s, rep 3
Dabs_1 = 2.5
m/z = 576.20
m/z = 576.24
Env res: 1.92
data 0.1s, rep 4
Dabs_1 = 3.3
m/z = 576.37
m/z = 576.47
data 0.1s
rep 1
rep 2
rep 3
rep 4
Env res: 1.94
data 0.8s, rep 1
Dabs_1 = 4.9
m/z = 576.72
m/z = 576.73
Env res: 1.93
data 0.8s, rep 2
Dabs_1 = 4.9
m/z = 576.71
m/z = 576.72
Env res: 1.84
data 0.8s, rep 3
Dabs_1 = 4.3
m/z = 576.59
m/z = 576.60
Env res: 1.86
data 0.8s, rep 4
Dabs_1 = 4.3
m/z = 576.58
m/z = 576.61
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 2.06
data 4.0s, rep 1
Dabs_1 = 5.2
m/z = 576.77
m/z = 576.80
Env res: 2.06
data 4.0s, rep 2
Dabs_1 = 5.0
m/z = 576.72
m/z = 576.74
Env res: 2.05
data 4.0s, rep 3
Dabs_1 = 4.6
m/z = 576.65
m/z = 576.71
Env res: 2.10
data 4.0s, rep 4
Dabs_1 = 5.2
m/z = 576.78
m/z = 576.82
data 4.0s
rep 1
rep 2
rep 3
rep 4
Env res: 2.15
data 60.0s, rep 1
Dabs_1 = 6.3
m/z = 577.01
m/z = 577.03
Env res: 2.08
data 60.0s, rep 2
Dabs_1 = 6.3
m/z = 577.01
m/z = 577.01
Env res: 2.11
data 60.0s, rep 3
Dabs_1 = 6.3
m/z = 577.00
m/z = 577.00
Env res: 2.14
data 60.0s, rep 4
Dabs_1 = 6.2
m/z = 577.00
m/z = 577.00
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 2.00
data 1800.0s, rep 1
Dabs_1 = 7.9
m/z = 577.37
m/z = 577.35
Env res: 2.01
data 1800.0s, rep 2
Dabs_1 = 7.8
m/z = 577.35
m/z = 577.34
Env res: 1.97
data 1800.0s, rep 3
Dabs_1 = 7.8
m/z = 577.34
m/z = 577.33
Env res: 2.05
data 1800.0s, rep 4
Dabs_1 = 8.3
m/z = 577.44
m/z = 577.40
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.93
data 72000.0s, rep 1
Dabs_1 = 9.4
m/z = 577.69
m/z = 577.66
Env res: 1.88
data 72000.0s, rep 2
Dabs_1 = 9.2
m/z = 577.63
m/z = 577.64
Env res: 1.85
data 72000.0s, rep 3
Dabs_1 = 9.2
m/z = 577.65
m/z = 577.66
Env res: 1.93
data 72000.0s, rep 4
Dabs_1 = 9.2
m/z = 577.64
m/z = 577.62
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.87
data FullDeut, rep 1
Dabs_1 = 11.9
m/z = 578.23
m/z = 578.24
Env res: 1.84
data FullDeut, rep 2
Dabs_1 = 12.1
m/z = 578.27
m/z = 578.26
Env res: 1.91
data FullDeut, rep 3
Dabs_1 = 12.1
m/z = 578.26
m/z = 578.25
data FullDeut
rep 1
rep 2
rep 3
Intensity
m/z

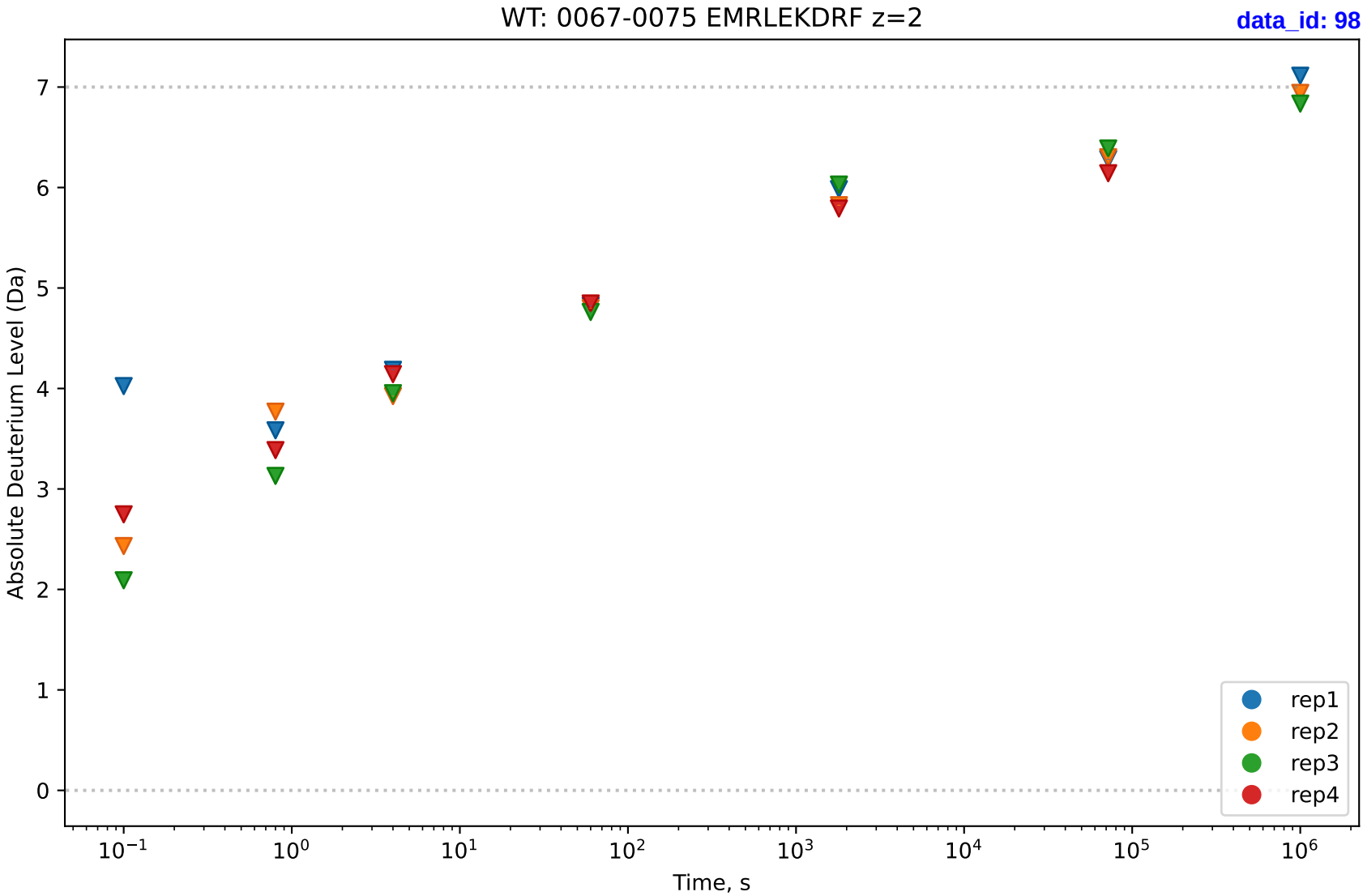
data_id: 95
WT: 0066-0079 SEMRLEKDRFSVNL z=3
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
Replicates Overlay
UnDeut
1_pop0
2_pop0
3_pop0
0.1s, rep1
0.1s, rep2
0.1s, rep3
0.1s, rep4
0.1s
4_pop0
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
0.8s
4.0s, rep1
4.0s, rep2
4.0s, rep3
4.0s, rep4
4.0s
60.0s, rep1
60.0s, 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, rep3
FullDeut
pop0
Centroid
population
Absolute Deuterium Level (Da)


WT: 0066-0079 SEMRLEKDRFSVNL z=3
data_id: 95
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4

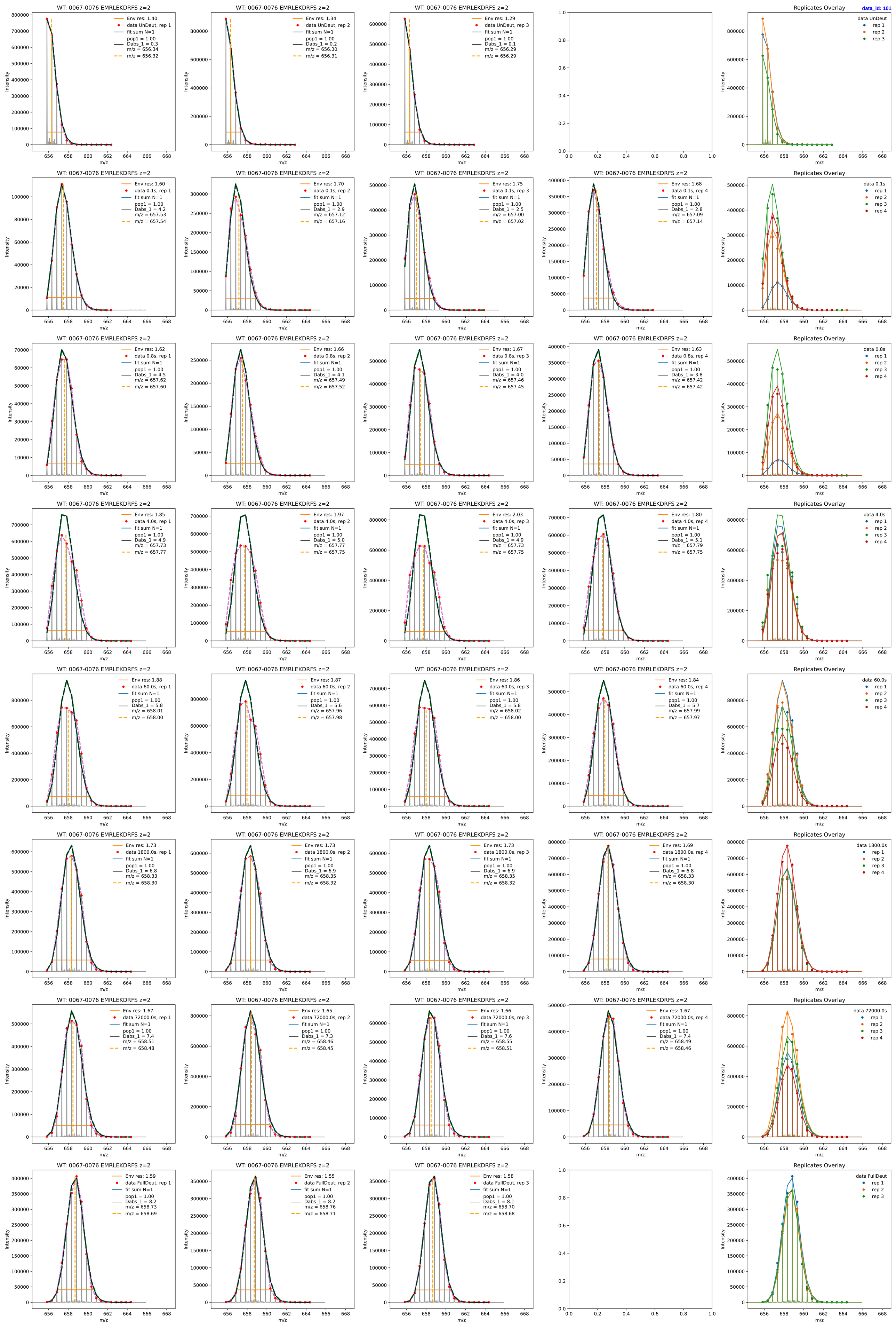
data_id: 98


WT: 0067-0075 EMRLEKDRF z=2
Env res: 1.09
data UnDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.0
m/z = 612.71
m/z = 612.67
Env res: 1.14
data UnDeut, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.0
m/z = 612.71
m/z = 612.68
Env res: 1.12
data UnDeut, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.0
m/z = 612.71
m/z = 612.72
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 1.62
data 0.1s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.0
m/z = 613.94
m/z = 614.10
Env res: 1.59
data 0.1s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.4
m/z = 613.45
m/z = 613.55
Env res: 1.70
data 0.1s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.1
m/z = 613.35
m/z = 613.35
Env res: 1.71
data 0.1s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.7
m/z = 613.55
m/z = 613.79
Replicates Overlay
data 0.1s
rep 1
rep 2
rep 3
rep 4
Env res: 1.70
data 0.8s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.6
m/z = 613.81
m/z = 614.03
Env res: 1.70
data 0.8s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.8
m/z = 613.86
m/z = 614.02
Env res: 1.55
data 0.8s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.1
m/z = 613.67
m/z = 613.72
Env res: 1.62
data 0.8s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.4
m/z = 613.75
m/z = 613.92
Replicates Overlay
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 1.73
data 4.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.2
m/z = 613.99
m/z = 614.09
Env res: 1.67
data 4.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.9
m/z = 613.91
m/z = 613.96
Env res: 1.66
data 4.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.0
m/z = 613.92
m/z = 614.03
Env res: 1.65
data 4.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.1
m/z = 613.98
m/z = 614.05
Replicates Overlay
data 4.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.66
data 60.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.8
m/z = 614.19
m/z = 614.27
Env res: 1.65
data 60.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.8
m/z = 614.18
m/z = 614.23
Env res: 1.65
data 60.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.8
m/z = 614.17
m/z = 614.23
Env res: 1.67
data 60.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.8
m/z = 614.19
m/z = 614.23
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=1
pop1 = 1.00
Dabs_1 = 6.0
m/z = 614.54
m/z = 614.58
Env res: 1.50
data 1800.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.8
m/z = 614.50
m/z = 614.58
Env res: 1.51
data 1800.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 6.0
m/z = 614.56
m/z = 614.58
Env res: 1.52
data 1800.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.8
m/z = 614.49
m/z = 614.55
Replicates Overlay
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.51
data 72000.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 6.3
m/z = 614.64
m/z = 614.70
Env res: 1.51
data 72000.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 6.3
m/z = 614.64
m/z = 614.67
Env res: 1.49
data 72000.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 6.4
m/z = 614.67
m/z = 614.77
Env res: 1.51
data 72000.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 6.1
m/z = 614.59
m/z = 614.68
Replicates Overlay
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.59
data FullDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 7.1
m/z = 614.89
m/z = 614.94
Env res: 1.63
data FullDeut, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 6.9
m/z = 614.84
m/z = 614.88
Env res: 1.52
data FullDeut, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 6.8
m/z = 614.81
m/z = 614.87
Replicates Overlay
data FullDeut
rep 1
rep 2
rep 3
Intensity
m/z

data_id: 98
WT: 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, rep4
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, rep3
FullDeut
pop0
Centroid
1_pop0
2_pop0
3_pop0
4_pop0
population
Absolute Deuterium Level (Da)

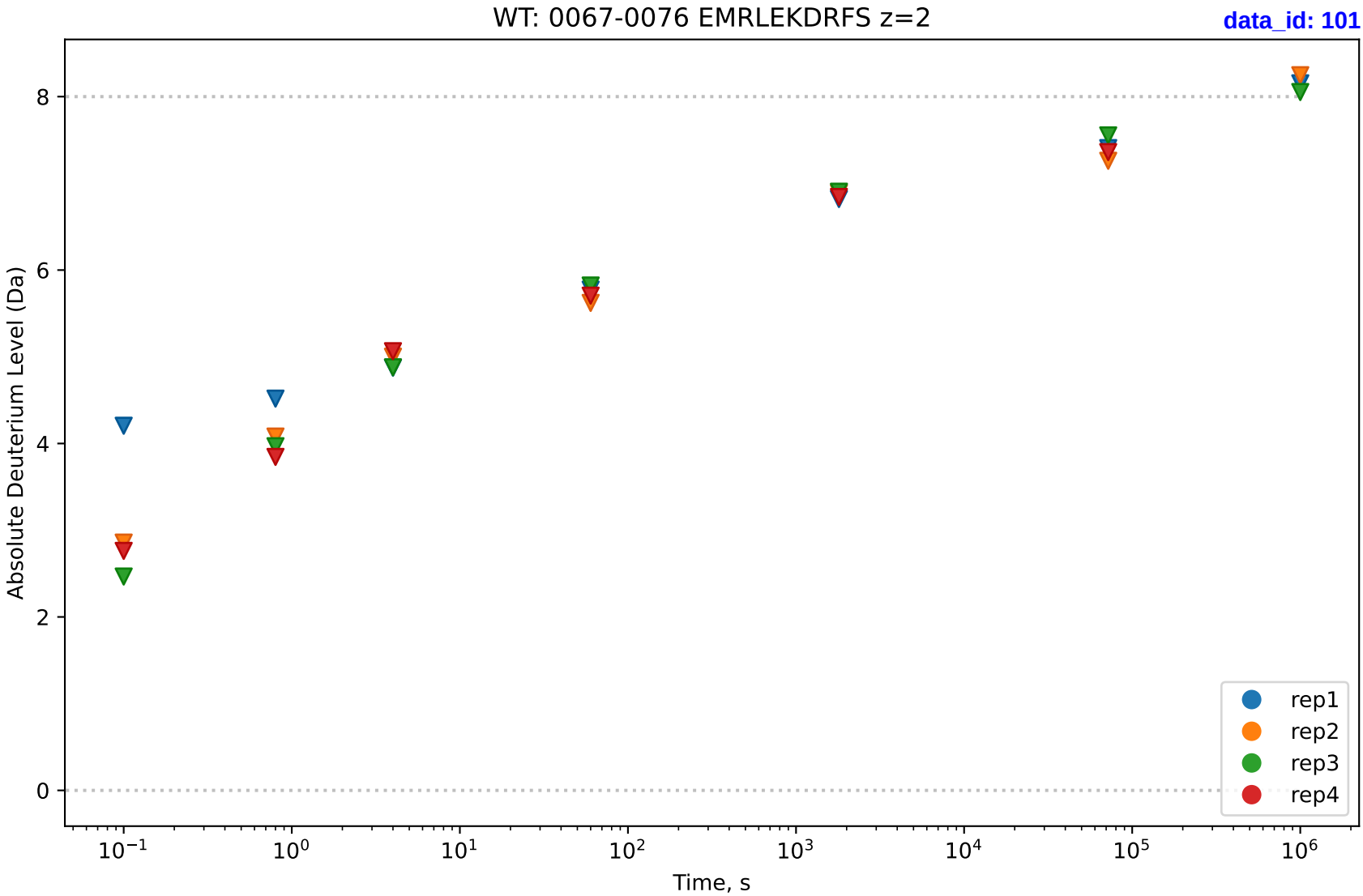

WT: 0067-0075 EMRLEKDRF z=2
data_id: 98
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4

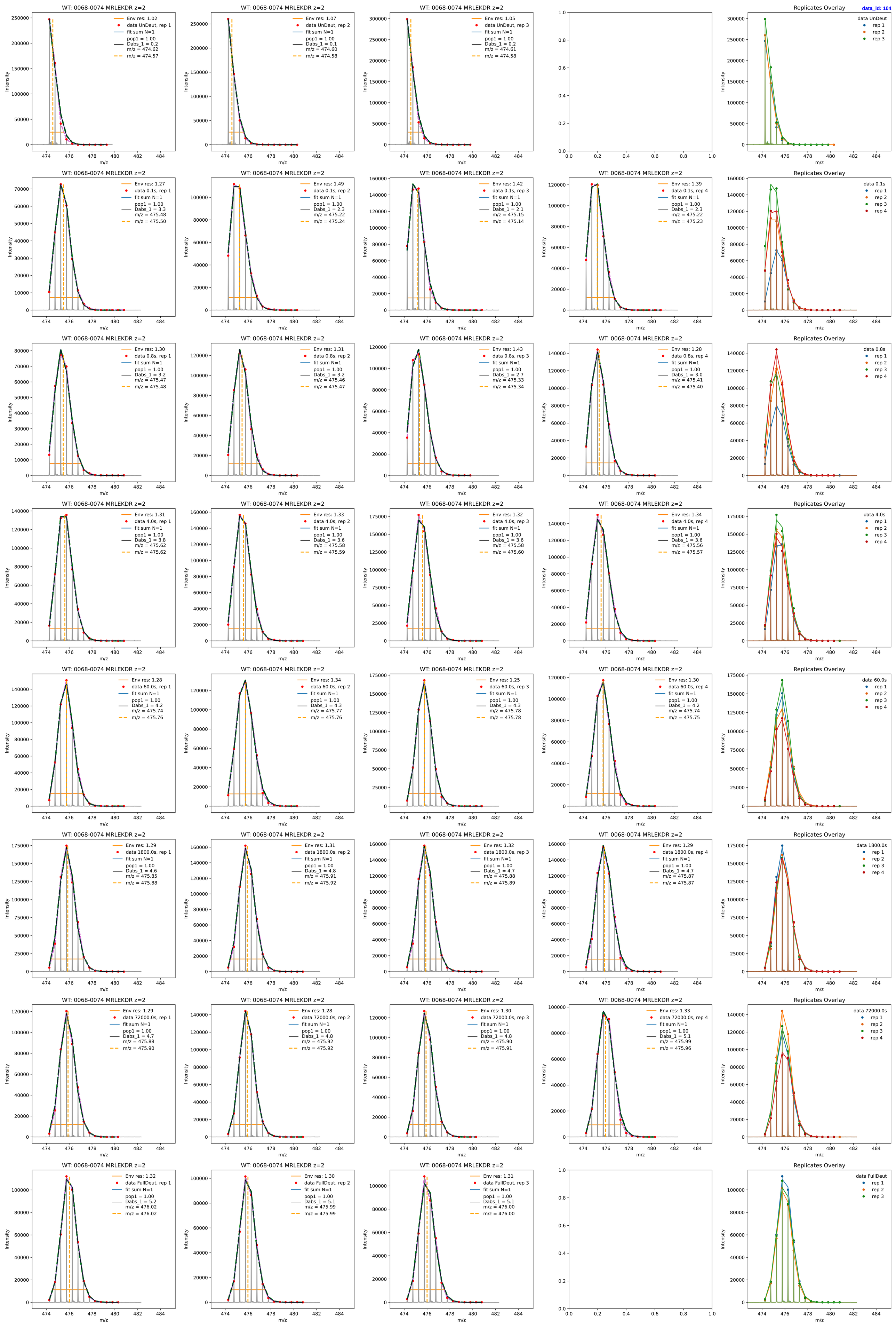
data_id: 101

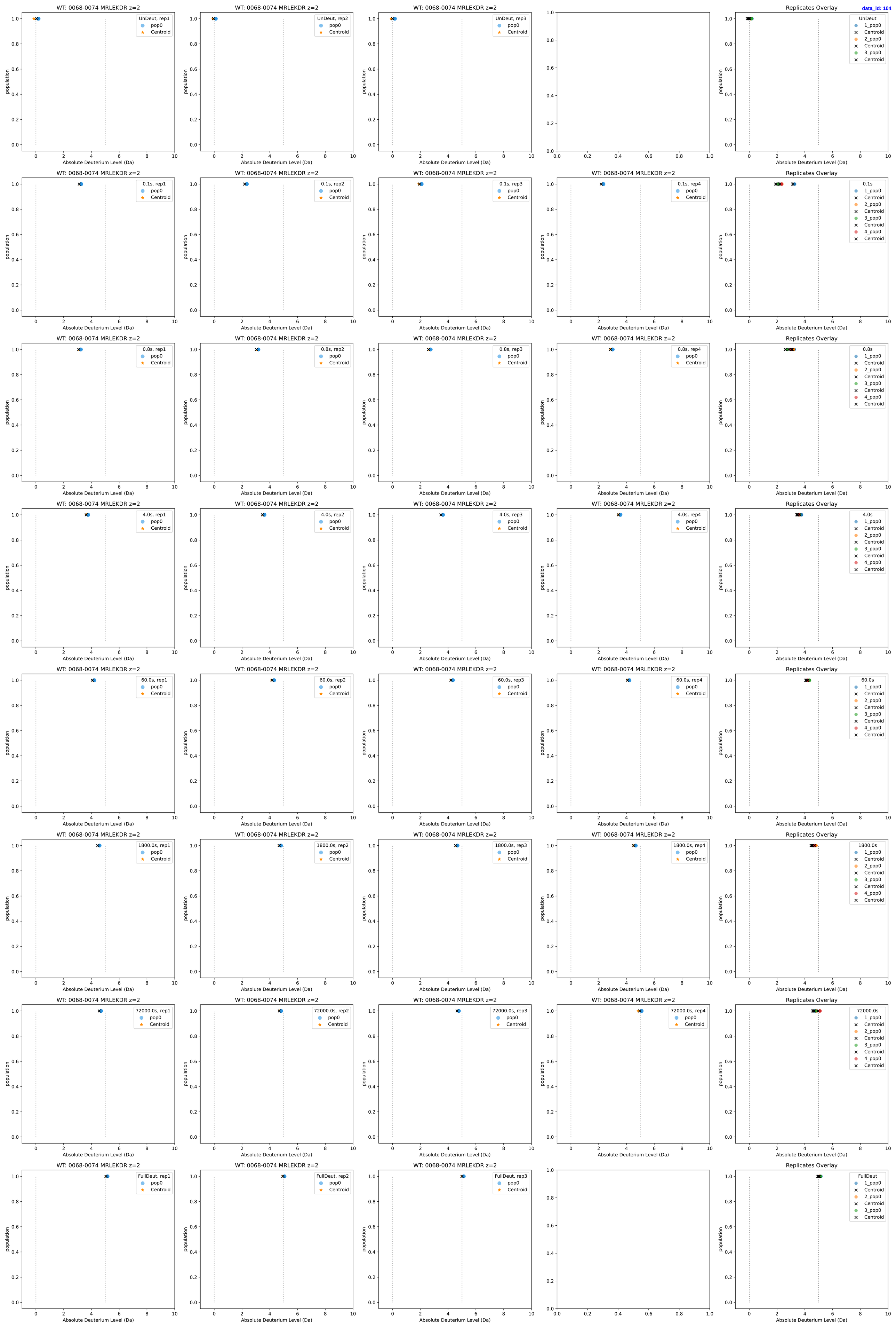

WT: 0067-0076 EMRLEKDRFS z=2
Env res: 1.40
data UnDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.3
m/z = 656.34
m/z = 656.32
Env res: 1.34
data UnDeut, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.2
m/z = 656.30
m/z = 656.31
Env res: 1.29
data UnDeut, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.1
m/z = 656.29
m/z = 656.29
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 1.60
data 0.1s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.2
m/z = 657.53
m/z = 657.54
Env res: 1.70
data 0.1s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.9
m/z = 657.12
m/z = 657.16
Env res: 1.75
data 0.1s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.5
m/z = 657.00
m/z = 657.02
Env res: 1.68
data 0.1s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.8
m/z = 657.09
m/z = 657.14
data 0.1s
rep 1
rep 2
rep 3
rep 4
Env res: 1.62
data 0.8s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.5
m/z = 657.62
m/z = 657.60
Env res: 1.66
data 0.8s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.1
m/z = 657.49
m/z = 657.52
Env res: 1.67
data 0.8s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.0
m/z = 657.46
m/z = 657.45
Env res: 1.63
data 0.8s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.8
m/z = 657.42
m/z = 657.42
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 1.85
data 4.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.9
m/z = 657.73
m/z = 657.77
Env res: 1.97
data 4.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.0
m/z = 657.77
m/z = 657.75
Env res: 2.03
data 4.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.9
m/z = 657.73
m/z = 657.75
Env res: 1.80
data 4.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.1
m/z = 657.79
m/z = 657.75
data 4.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.88
data 60.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.8
m/z = 658.01
m/z = 658.00
Env res: 1.87
data 60.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.6
m/z = 657.96
m/z = 657.98
Env res: 1.86
data 60.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.8
m/z = 658.02
m/z = 658.00
Env res: 1.84
data 60.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.7
m/z = 657.99
m/z = 657.97
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.73
data 1800.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 6.8
m/z = 658.33
m/z = 658.30
Env res: 1.73
data 1800.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 6.9
m/z = 658.35
m/z = 658.32
Env res: 1.73
data 1800.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 6.9
m/z = 658.35
m/z = 658.32
Env res: 1.69
data 1800.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 6.8
m/z = 658.33
m/z = 658.30
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.67
data 72000.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 7.4
m/z = 658.51
m/z = 658.48
Env res: 1.65
data 72000.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 7.3
m/z = 658.46
m/z = 658.45
Env res: 1.66
data 72000.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 7.6
m/z = 658.55
m/z = 658.51
Env res: 1.67
data 72000.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 7.4
m/z = 658.49
m/z = 658.46
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.59
data FullDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 8.2
m/z = 658.73
m/z = 658.69
Env res: 1.55
data FullDeut, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 8.2
m/z = 658.76
m/z = 658.71
Env res: 1.58
data FullDeut, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 8.1
m/z = 658.70
m/z = 658.68
data FullDeut
rep 1
rep 2
rep 3
Intensity
m/z

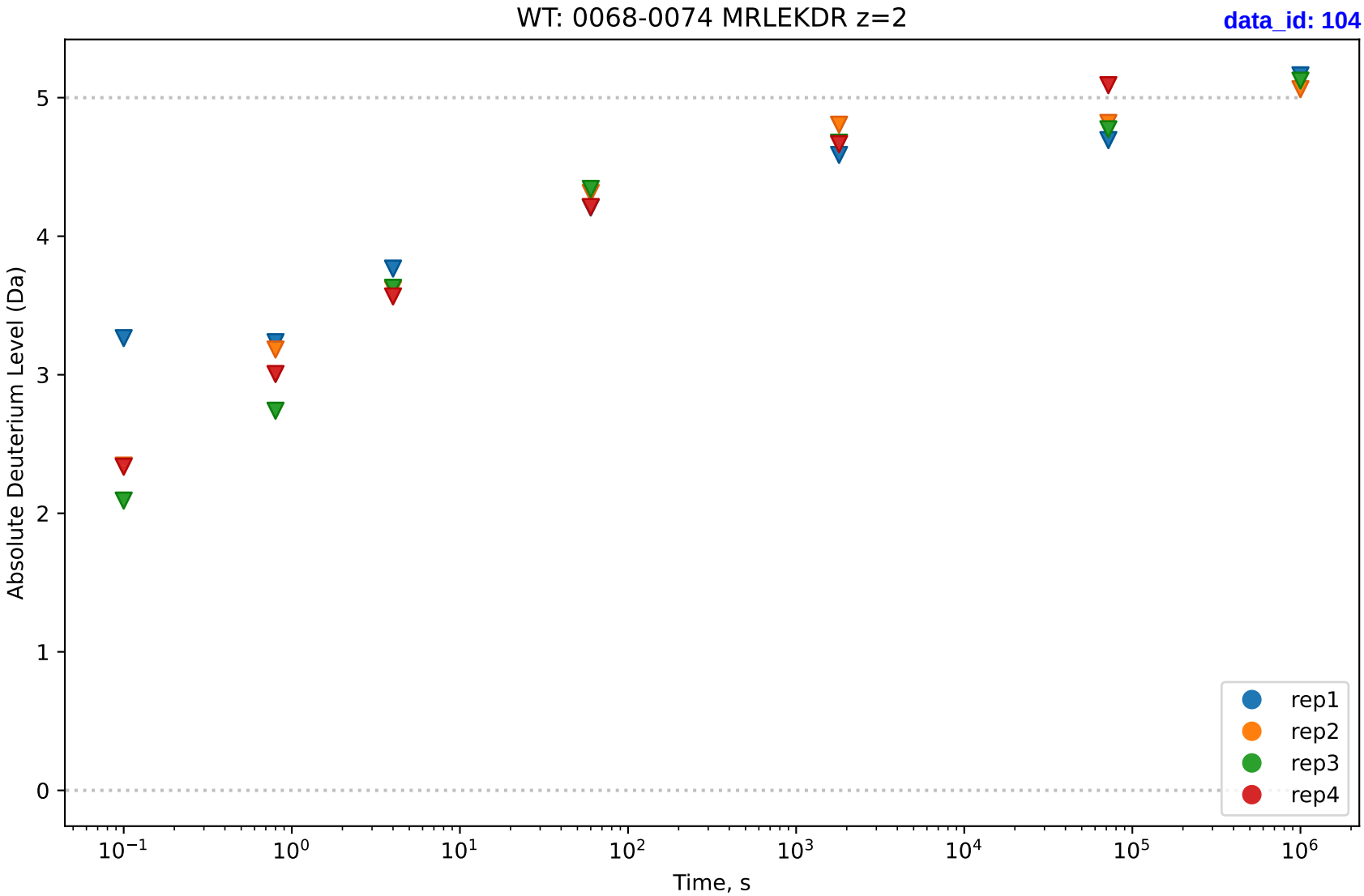
data_id: 101

WT: 0067-0076 EMRLEKDRFS 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, rep4
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, rep3
FullDeut
pop0
Centroid
1_pop0
2_pop0
3_pop0
4_pop0
population
Absolute Deuterium Level (Da)


WT: 0067-0076 EMRLEKDRFS z=2
data_id: 101
Absolute Deuterium Level (Da)
Time, s
0
2
4
6
8
10^{-1}
10^{0}
10^{1}
10^{2}
10^{3}
10^{4}
10^{5}
10^{6}
rep1
rep2
rep3
rep4


data_id: 104
WT: 0068-0074 MRLEKDR z=2
Env res: 1.02
data UnDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.2
m/z = 474.62
m/z = 474.57
Env res: 1.07
data UnDeut, rep 2
Dabs_1 = 0.1
m/z = 474.60
m/z = 474.58
Env res: 1.05
data UnDeut, rep 3
Dabs_1 = 0.2
m/z = 474.61
m/z = 474.58
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 1.27
data 0.1s, rep 1
Dabs_1 = 3.3
m/z = 475.48
m/z = 475.50
Env res: 1.49
data 0.1s, rep 2
Dabs_1 = 2.3
m/z = 475.22
m/z = 475.24
Env res: 1.42
data 0.1s, rep 3
Dabs_1 = 2.1
m/z = 475.15
m/z = 475.14
Env res: 1.39
data 0.1s, rep 4
Dabs_1 = 2.3
m/z = 475.22
m/z = 475.23
data 0.1s
rep 1
rep 2
rep 3
rep 4
Env res: 1.30
data 0.8s, rep 1
Dabs_1 = 3.2
m/z = 475.47
m/z = 475.48
Env res: 1.31
data 0.8s, rep 2
Dabs_1 = 3.2
m/z = 475.46
m/z = 475.47
Env res: 1.43
data 0.8s, rep 3
Dabs_1 = 2.7
m/z = 475.33
m/z = 475.34
Env res: 1.28
data 0.8s, rep 4
Dabs_1 = 3.0
m/z = 475.41
m/z = 475.40
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 1.31
data 4.0s, rep 1
Dabs_1 = 3.8
m/z = 475.62
m/z = 475.62
Env res: 1.33
data 4.0s, rep 2
Dabs_1 = 3.6
m/z = 475.58
m/z = 475.59
Env res: 1.32
data 4.0s, rep 3
Dabs_1 = 3.6
m/z = 475.58
m/z = 475.60
Env res: 1.34
data 4.0s, rep 4
Dabs_1 = 3.6
m/z = 475.56
m/z = 475.57
data 4.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.28
data 60.0s, rep 1
Dabs_1 = 4.2
m/z = 475.74
m/z = 475.76
Env res: 1.34
data 60.0s, rep 2
Dabs_1 = 4.3
m/z = 475.77
m/z = 475.76
Env res: 1.25
data 60.0s, rep 3
Dabs_1 = 4.3
m/z = 475.78
m/z = 475.78
Env res: 1.30
data 60.0s, rep 4
Dabs_1 = 4.2
m/z = 475.74
m/z = 475.75
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.29
data 1800.0s, rep 1
Dabs_1 = 4.6
m/z = 475.85
m/z = 475.88
Env res: 1.31
data 1800.0s, rep 2
Dabs_1 = 4.8
m/z = 475.91
m/z = 475.92
Env res: 1.32
data 1800.0s, rep 3
Dabs_1 = 4.7
m/z = 475.88
m/z = 475.89
Env res: 1.29
data 1800.0s, rep 4
Dabs_1 = 4.7
m/z = 475.87
m/z = 475.87
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.29
data 72000.0s, rep 1
Dabs_1 = 4.7
m/z = 475.88
m/z = 475.90
Env res: 1.28
data 72000.0s, rep 2
Dabs_1 = 4.8
m/z = 475.92
m/z = 475.92
Env res: 1.30
data 72000.0s, rep 3
Dabs_1 = 4.8
m/z = 475.90
m/z = 475.91
Env res: 1.33
data 72000.0s, rep 4
Dabs_1 = 5.1
m/z = 475.99
m/z = 475.96
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.32
data FullDeut, rep 1
Dabs_1 = 5.2
m/z = 476.02
m/z = 476.02
Env res: 1.30
data FullDeut, rep 2
Dabs_1 = 5.1
m/z = 475.99
m/z = 475.99
Env res: 1.31
data FullDeut, rep 3
Dabs_1 = 5.1
m/z = 476.00
m/z = 476.00
data FullDeut
rep 1
rep 2
rep 3
Intensity
m/z

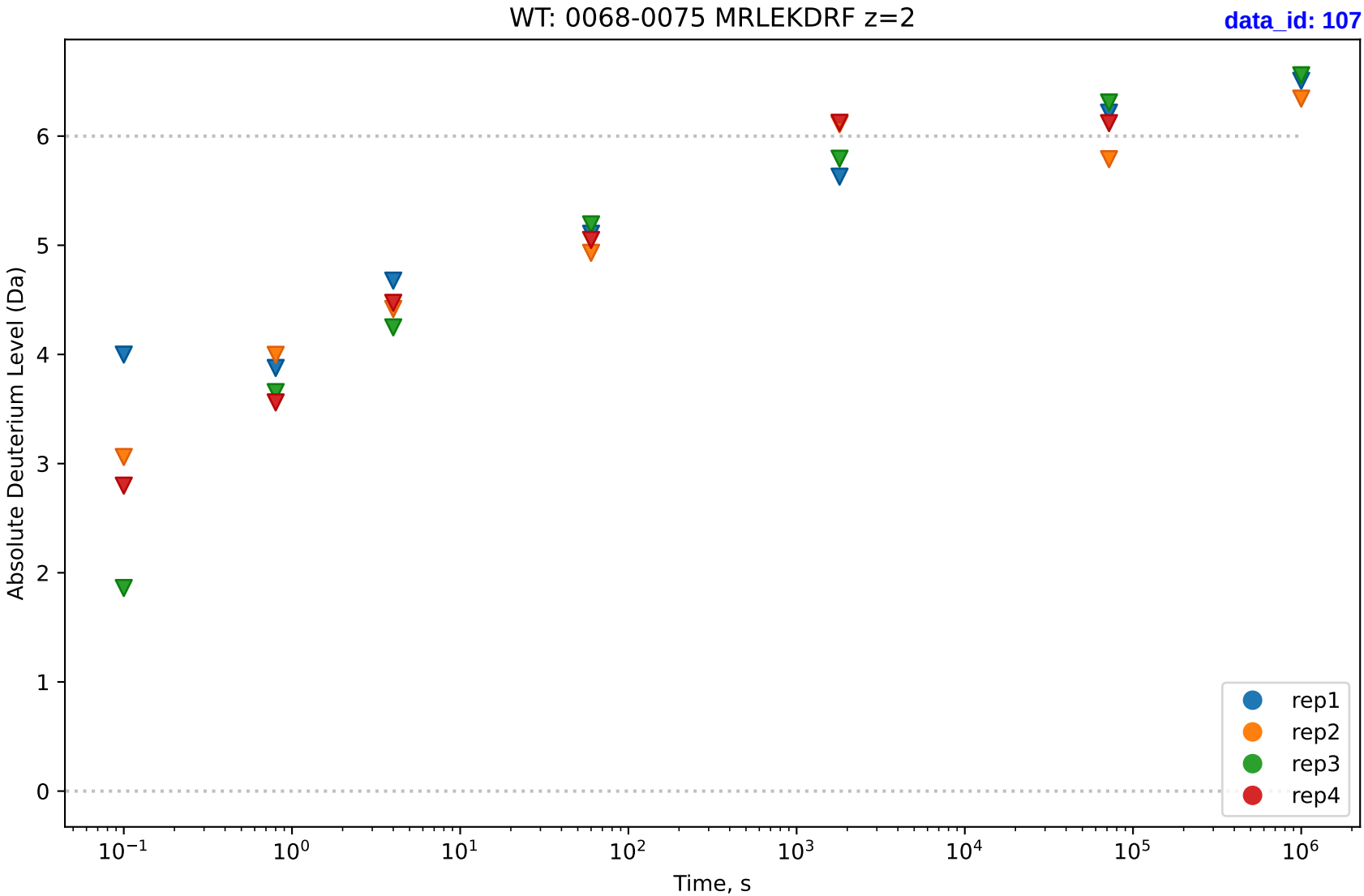

data_id: 104
WT: 0068-0074 MRLEKDR z=2
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
Replicates Overlay
UnDeut
1_pop0
2_pop0
3_pop0
0.1s, rep1
0.1s, rep2
0.1s, rep3
0.1s, rep4
0.1s
4_pop0
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
0.8s
4.0s, rep1
4.0s, rep2
4.0s, rep3
4.0s, rep4
4.0s
60.0s, rep1
60.0s, rep2
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, rep3
FullDeut
pop0
Centroid
population
Absolute Deuterium Level (Da)


WT: 0068-0074 MRLEKDR z=2
data_id: 104
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4

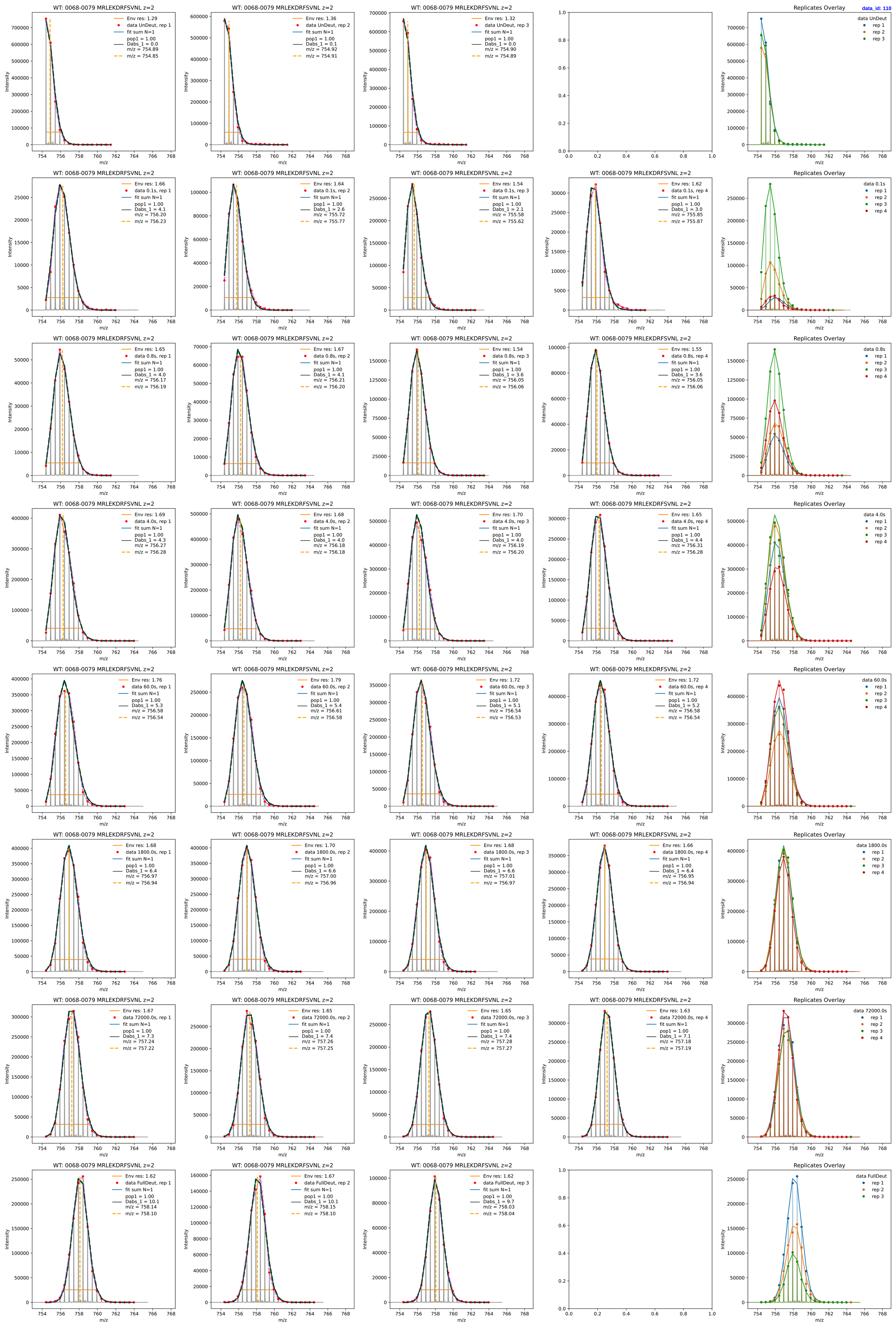
data_id: 107
WT: 0068-0075 MRLEKDRF z=2
Env res: 1.49
data UnDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.5
m/z = 548.30
m/z = 548.32
Env res: 1.57
data UnDeut, rep 2
Dabs_1 = 0.7
m/z = 548.34
m/z = 548.36
Env res: 1.50
data UnDeut, rep 3
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 1.60
data 0.1s, rep 1
Dabs_1 = 4.0
m/z = 549.29
m/z = 549.25
Env res: 1.92
data 0.1s, rep 2
Dabs_1 = 3.1
m/z = 549.02
m/z = 549.00
Env res: 1.39
data 0.1s, rep 3
Dabs_1 = 1.9
m/z = 548.68
m/z = 548.73
Env res: 2.12
data 0.1s, rep 4
Dabs_1 = 2.8
m/z = 548.95
m/z = 548.97
data 0.1s
rep 1
rep 2
rep 3
rep 4
Env res: 1.65
data 0.8s, rep 1
Dabs_1 = 3.9
m/z = 549.25
m/z = 549.23
Env res: 1.74
data 0.8s, rep 2
Dabs_1 = 4.0
m/z = 549.29
m/z = 549.25
Env res: 1.86
data 0.8s, rep 3
Dabs_1 = 3.7
m/z = 549.19
m/z = 549.16
Env res: 1.89
data 0.8s, rep 4
Dabs_1 = 3.6
m/z = 549.17
m/z = 549.15
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 2.10
data 4.0s, rep 1
Dabs_1 = 4.7
m/z = 549.48
m/z = 549.43
Env res: 1.95
data 4.0s, rep 2
Dabs_1 = 4.4
m/z = 549.41
m/z = 549.39
Env res: 1.98
data 4.0s, rep 3
Dabs_1 = 4.2
m/z = 549.36
m/z = 549.38
Env res: 1.85
data 4.0s, rep 4
Dabs_1 = 4.5
m/z = 549.42
m/z = 549.38
data 4.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.77
data 60.0s, rep 1
Dabs_1 = 5.1
m/z = 549.61
m/z = 549.60
Env res: 1.78
data 60.0s, rep 2
Dabs_1 = 4.9
m/z = 549.56
m/z = 549.57
Env res: 1.74
data 60.0s, rep 3
Dabs_1 = 5.2
m/z = 549.63
m/z = 549.61
Env res: 1.75
data 60.0s, rep 4
Dabs_1 = 5.0
m/z = 549.59
m/z = 549.57
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.70
data 1800.0s, rep 1
Dabs_1 = 5.6
m/z = 549.75
m/z = 549.78
Env res: 1.55
data 1800.0s, rep 2
Dabs_1 = 6.1
m/z = 549.89
m/z = 549.88
Env res: 1.68
data 1800.0s, rep 3
Dabs_1 = 5.8
m/z = 549.80
m/z = 549.80
Env res: 1.70
data 1800.0s, rep 4
Dabs_1 = 6.1
m/z = 549.89
m/z = 549.83
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.71
data 72000.0s, rep 1
Dabs_1 = 6.2
m/z = 549.92
m/z = 549.88
Env res: 1.69
data 72000.0s, rep 2
Dabs_1 = 5.8
m/z = 549.80
m/z = 549.83
Env res: 1.71
data 72000.0s, rep 3
Dabs_1 = 6.3
m/z = 549.95
m/z = 549.89
Env res: 1.66
data 72000.0s, rep 4
Dabs_1 = 6.1
m/z = 549.89
m/z = 549.86
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.61
data FullDeut, rep 1
Dabs_1 = 6.5
m/z = 550.00
m/z = 550.00
Env res: 1.62
data FullDeut, rep 2
Dabs_1 = 6.3
m/z = 549.96
m/z = 549.97
Env res: 1.58
data FullDeut, rep 3
Dabs_1 = 6.6
m/z = 550.02
m/z = 549.99
data FullDeut
rep 1
rep 2
rep 3
Intensity
m/z

data_id: 107

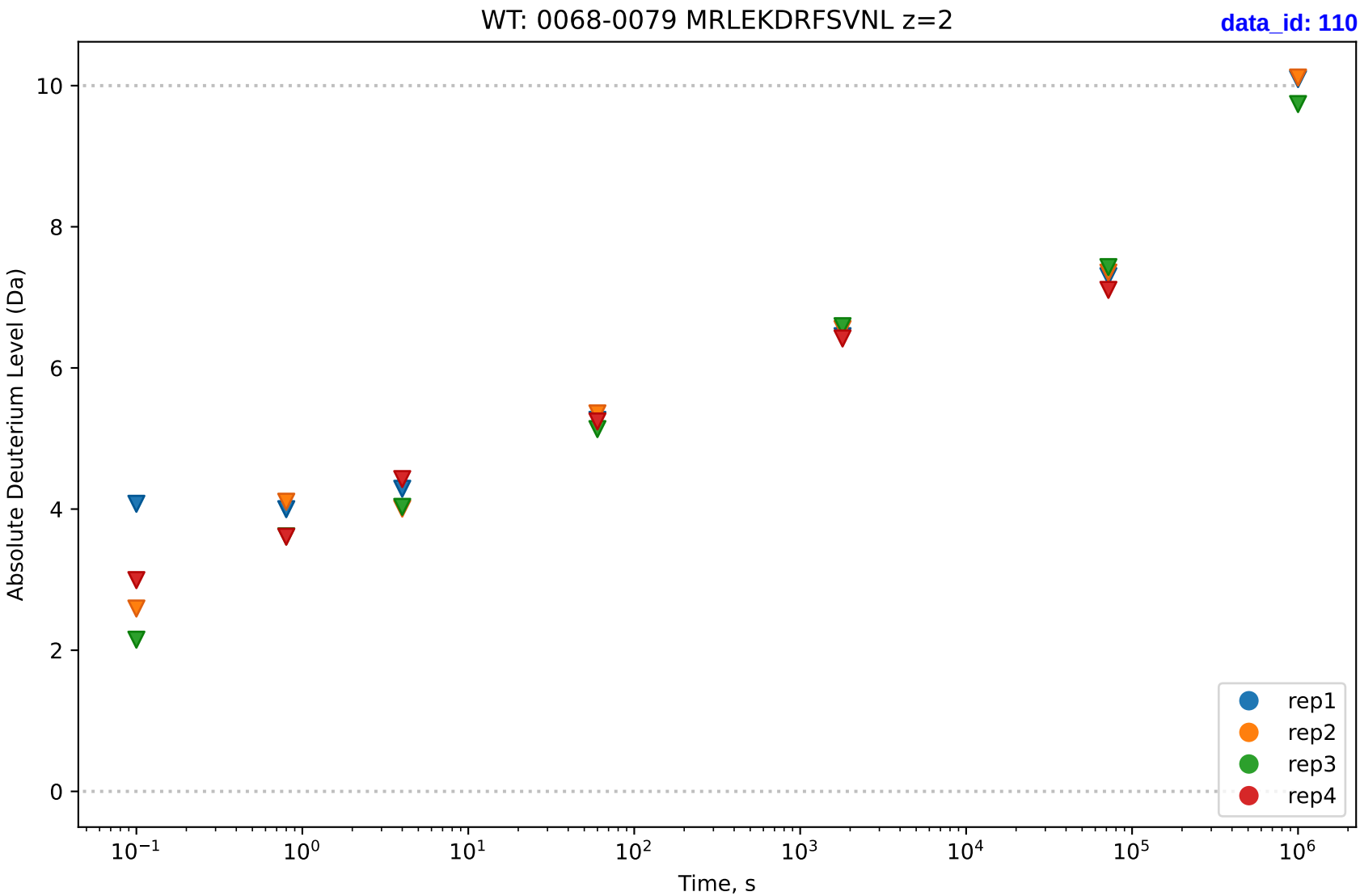
WT: 0068-0075 MRLEKDRF z=2
Replicates Overlay
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
UnDeut
0.1s, rep1
0.1s, rep2
0.1s, rep3
0.1s, rep4
0.1s
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
0.8s
4.0s, rep1
4.0s, rep2
4.0s, rep3
4.0s, rep4
4.0s
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, rep4
60.0s
1800.0s,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

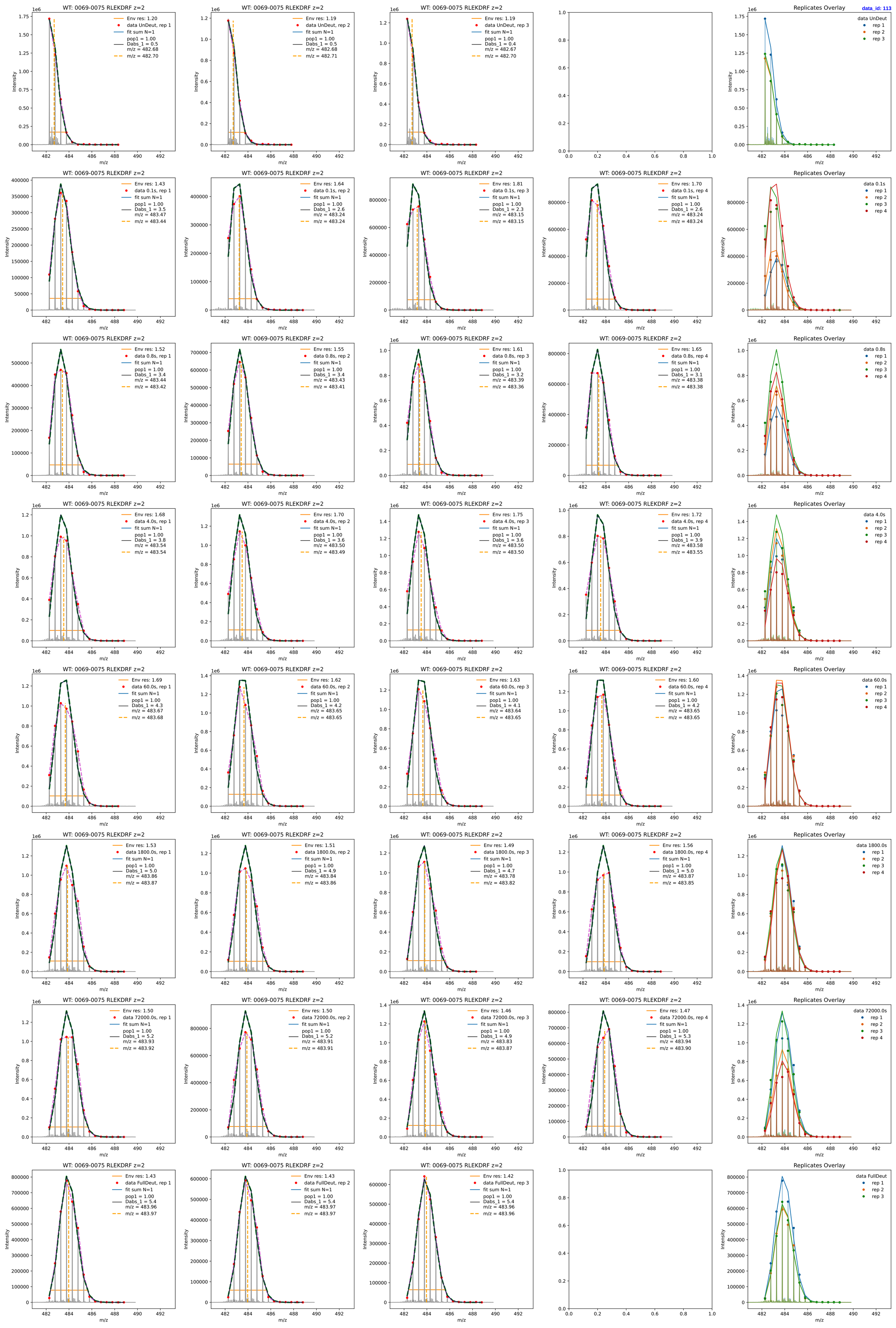

WT: 0068-0075 MRLEKDRF z=2
data_id: 107
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4

data_id: 110

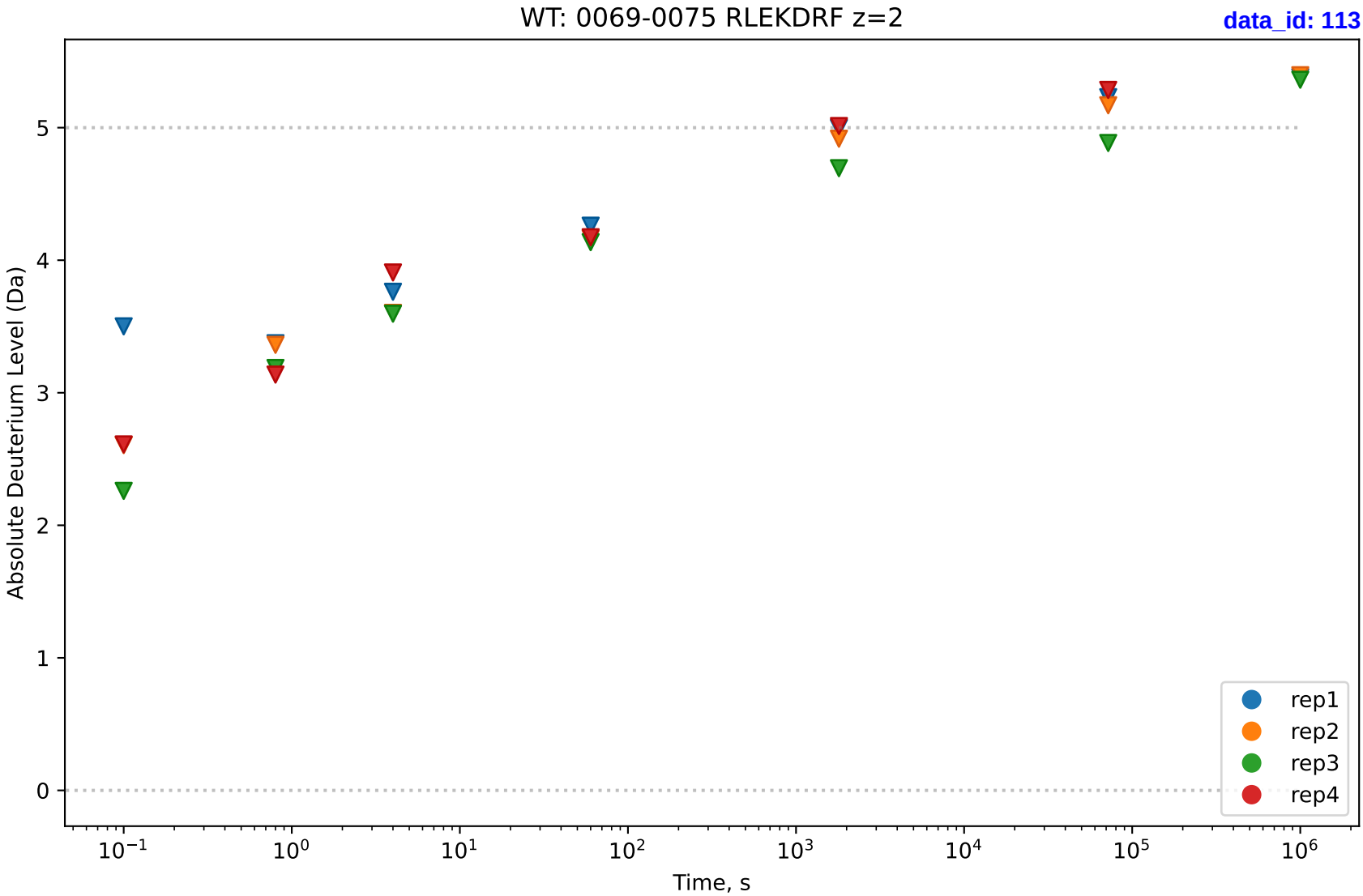

WT: 0068-0079 MRLEKDRFSVNL z=2
Env res: 1.29
data UnDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.0
m/z = 754.89
m/z = 754.85
Env res: 1.36
data UnDeut, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.1
m/z = 754.92
m/z = 754.91
Env res: 1.32
data UnDeut, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.0
m/z = 754.90
m/z = 754.89
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 1.66
data 0.1s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.1
m/z = 756.20
m/z = 756.23
Env res: 1.64
data 0.1s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.6
m/z = 755.72
m/z = 755.77
Env res: 1.54
data 0.1s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.1
m/z = 755.58
m/z = 755.62
Env res: 1.62
data 0.1s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.0
m/z = 755.85
m/z = 755.87
Replicates Overlay
data 0.1s
rep 1
rep 2
rep 3
rep 4
Env res: 1.65
data 0.8s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.0
m/z = 756.17
m/z = 756.19
Env res: 1.67
data 0.8s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.1
m/z = 756.21
m/z = 756.20
Env res: 1.54
data 0.8s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.6
m/z = 756.05
m/z = 756.06
Env res: 1.55
data 0.8s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.6
m/z = 756.05
m/z = 756.06
Replicates Overlay
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 1.69
data 4.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.3
m/z = 756.27
m/z = 756.28
Env res: 1.68
data 4.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.0
m/z = 756.18
m/z = 756.18
Env res: 1.70
data 4.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.0
m/z = 756.19
m/z = 756.20
Env res: 1.65
data 4.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.4
m/z = 756.31
m/z = 756.28
Replicates Overlay
data 4.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.76
data 60.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.3
m/z = 756.58
m/z = 756.54
Env res: 1.79
data 60.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.4
m/z = 756.61
m/z = 756.58
Env res: 1.72
data 60.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.1
m/z = 756.54
m/z = 756.53
Env res: 1.72
data 60.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.2
m/z = 756.58
m/z = 756.54
Replicates Overlay
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.68
data 1800.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 6.4
m/z = 756.97
m/z = 756.94
Env res: 1.70
data 1800.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 6.6
m/z = 757.00
m/z = 756.96
Env res: 1.68
data 1800.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 6.6
m/z = 757.01
m/z = 756.97
Env res: 1.66
data 1800.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 6.4
m/z = 756.95
m/z = 756.94
Replicates Overlay
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.67
data 72000.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 7.3
m/z = 757.24
m/z = 757.22
Env res: 1.65
data 72000.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 7.4
m/z = 757.26
m/z = 757.25
Env res: 1.65
data 72000.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 7.4
m/z = 757.28
m/z = 757.27
Env res: 1.63
data 72000.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 7.1
m/z = 757.18
m/z = 757.19
Replicates Overlay
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.62
data FullDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 10.1
m/z = 758.14
m/z = 758.10
Env res: 1.67
data FullDeut, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 10.1
m/z = 758.15
m/z = 758.10
Env res: 1.62
data FullDeut, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 9.7
m/z = 758.03
m/z = 758.04
Replicates Overlay
data FullDeut
rep 1
rep 2
rep 3
Intensity
m/z

data_id: 110
WT: 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, rep4
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, rep3
FullDeut
pop0
1_pop0
2_pop0
3_pop0
4_pop0
Centroid
population
Absolute Deuterium Level (Da)

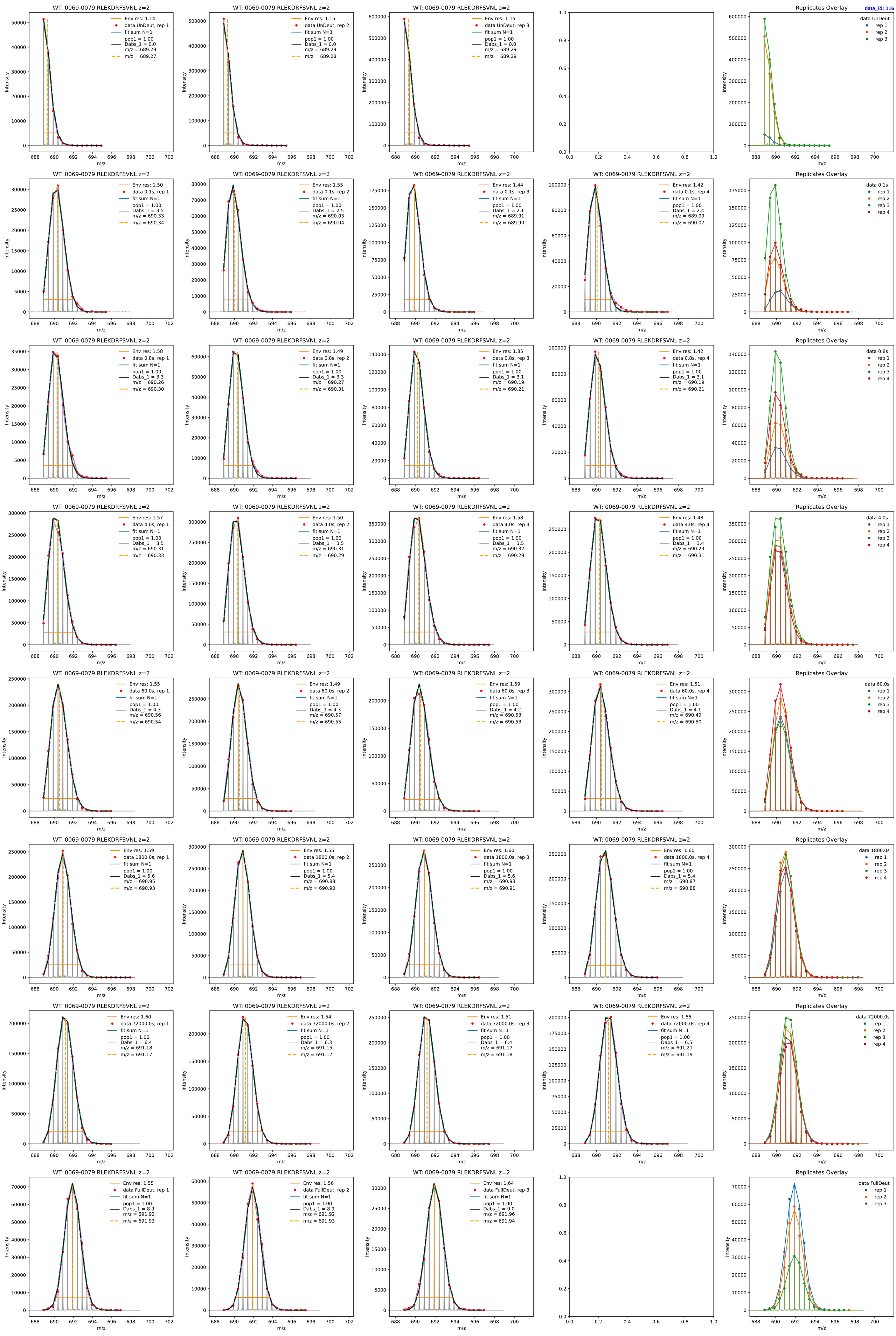

WT: 0068-0079 MRLEKDRFSVNL z=2
data_id: 110
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4


data_id: 113
WT: 0069-0075 RLEKDRF z=2
Replicates Overlay
Intensity
m/z
Env res: 1.20
data UnDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.5
m/z = 482.68
m/z = 482.70
Env res: 1.19
data UnDeut, rep 2
Dabs_1 = 0.5
m/z = 482.68
m/z = 482.71
Env res: 1.19
data UnDeut, rep 3
Dabs_1 = 0.4
m/z = 482.67
m/z = 482.70
data UnDeut
rep 1
rep 2
rep 3
Env res: 1.43
data 0.1s, rep 1
Dabs_1 = 3.5
m/z = 483.47
m/z = 483.44
Env res: 1.64
data 0.1s, rep 2
Dabs_1 = 2.6
m/z = 483.24
m/z = 483.24
Env res: 1.81
data 0.1s, rep 3
Dabs_1 = 2.3
m/z = 483.15
m/z = 483.15
Env res: 1.70
data 0.1s, rep 4
Dabs_1 = 2.6
m/z = 483.24
m/z = 483.24
data 0.1s
rep 1
rep 2
rep 3
rep 4
Env res: 1.52
data 0.8s, rep 1
Dabs_1 = 3.4
m/z = 483.44
m/z = 483.42
Env res: 1.55
data 0.8s, rep 2
Dabs_1 = 3.4
m/z = 483.43
m/z = 483.41
Env res: 1.61
data 0.8s, rep 3
Dabs_1 = 3.2
m/z = 483.39
m/z = 483.36
Env res: 1.65
data 0.8s, rep 4
Dabs_1 = 3.1
m/z = 483.38
m/z = 483.38
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 1.68
data 4.0s, rep 1
Dabs_1 = 3.8
m/z = 483.54
m/z = 483.54
Env res: 1.70
data 4.0s, rep 2
Dabs_1 = 3.6
m/z = 483.50
m/z = 483.49
Env res: 1.75
data 4.0s, rep 3
Dabs_1 = 3.6
m/z = 483.50
m/z = 483.50
Env res: 1.72
data 4.0s, rep 4
Dabs_1 = 3.9
m/z = 483.58
m/z = 483.55
data 4.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.69
data 60.0s, rep 1
Dabs_1 = 4.3
m/z = 483.67
m/z = 483.68
Env res: 1.62
data 60.0s, rep 2
Dabs_1 = 4.2
m/z = 483.65
m/z = 483.65
Env res: 1.63
data 60.0s, rep 3
Dabs_1 = 4.1
m/z = 483.64
m/z = 483.65
Env res: 1.60
data 60.0s, rep 4
Dabs_1 = 4.2
m/z = 483.65
m/z = 483.65
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.53
data 1800.0s, rep 1
Dabs_1 = 5.0
m/z = 483.86
m/z = 483.87
Env res: 1.51
data 1800.0s, rep 2
Dabs_1 = 4.9
m/z = 483.84
m/z = 483.86
Env res: 1.49
data 1800.0s, rep 3
Dabs_1 = 4.7
m/z = 483.78
m/z = 483.82
Env res: 1.56
data 1800.0s, rep 4
Dabs_1 = 5.0
m/z = 483.87
m/z = 483.85
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.50
data 72000.0s, rep 1
Dabs_1 = 5.2
m/z = 483.93
m/z = 483.92
Env res: 1.50
data 72000.0s, rep 2
Dabs_1 = 5.2
m/z = 483.91
m/z = 483.91
Env res: 1.46
data 72000.0s, rep 3
Dabs_1 = 4.9
m/z = 483.83
m/z = 483.87
Env res: 1.47
data 72000.0s, rep 4
Dabs_1 = 5.3
m/z = 483.94
m/z = 483.90
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.43
data FullDeut, rep 1
Dabs_1 = 5.4
m/z = 483.96
m/z = 483.97
Env res: 1.43
data FullDeut, rep 2
Dabs_1 = 5.4
m/z = 483.97
m/z = 483.97
Env res: 1.42
data FullDeut, rep 3
Dabs_1 = 5.4
m/z = 483.96
m/z = 483.96
data FullDeut
rep 1
rep 2
rep 3

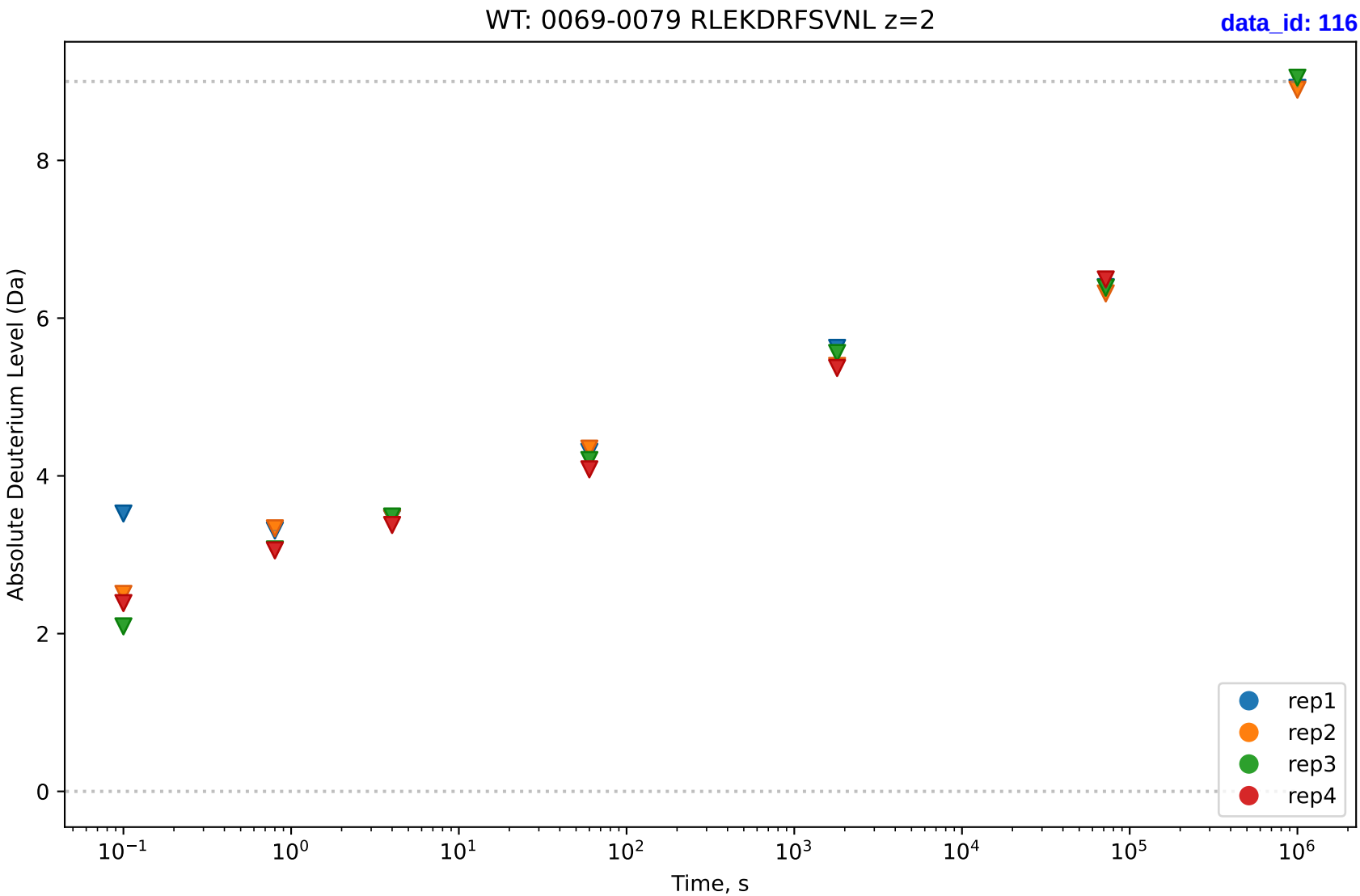
data_id: 113
WT: 0069-0075 RLEKDRF z=2
Replicates Overlay
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
UnDeut
0.1s, rep1
0.1s, rep2
0.1s, rep3
0.1s, rep4
0.1s
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
0.8s
4.0s, rep1
4.0s, rep2
4.0s, rep3
4.0s, rep4
4.0s
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, rep4
60.0s
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, rep3
FullDeut
pop0
Centroid
1_pop0
2_pop0
3_pop0
4_pop0
population
Absolute Deuterium Level (Da)


WT: 0069-0075 RLEKDRF z=2
data_id: 113
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4

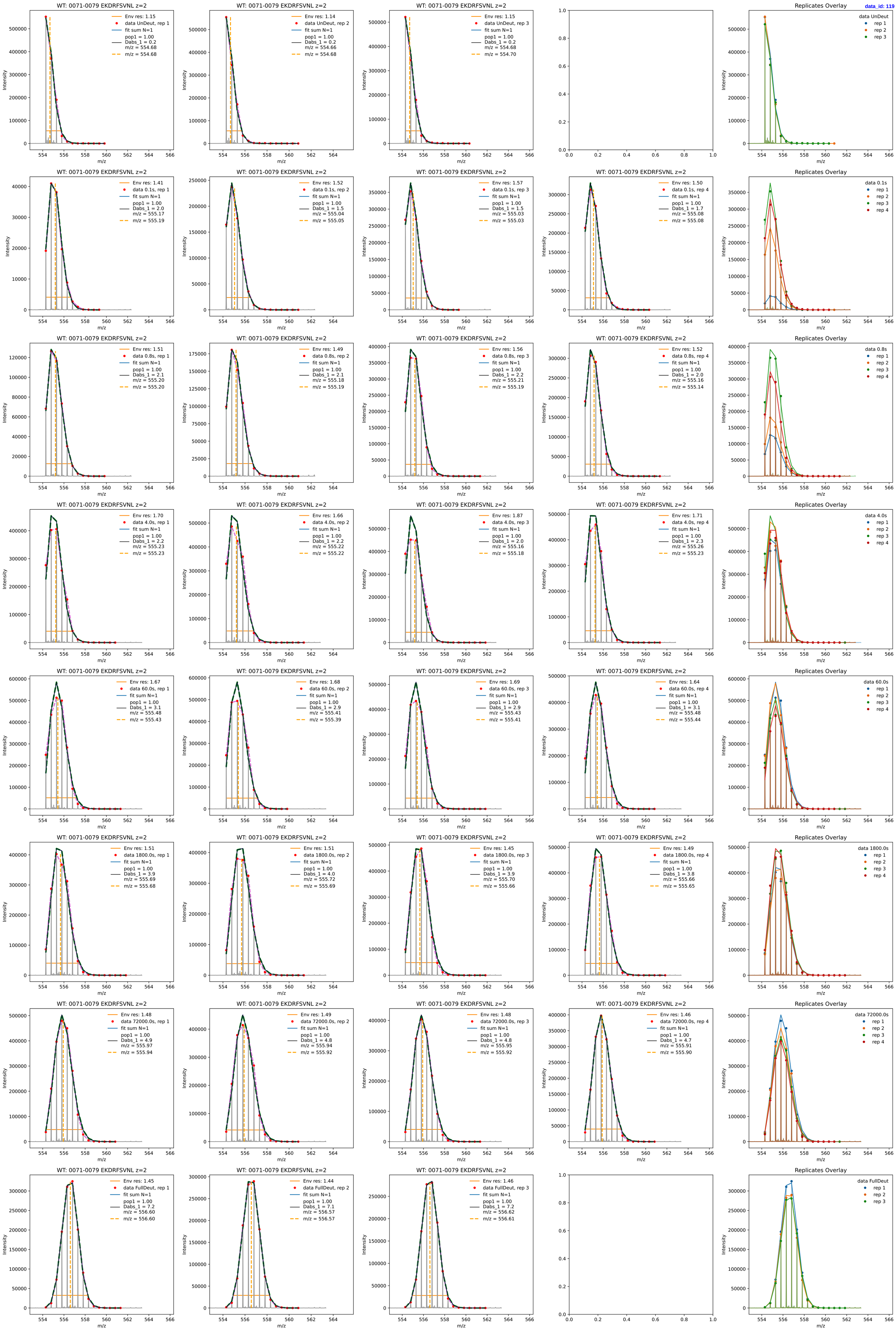
data_id: 116


WT: 0069-0079 RLEKDRFSVNL z=2
Env res: 1.14
data UnDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.0
m/z = 689.29
m/z = 689.27
Env res: 1.15
data UnDeut, rep 2
m/z = 689.28
Env res: 1.15
data UnDeut, rep 3
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 1.50
data 0.1s, rep 1
Dabs_1 = 3.5
m/z = 690.33
m/z = 690.34
Env res: 1.55
data 0.1s, rep 2
Dabs_1 = 2.5
m/z = 690.03
m/z = 690.04
Env res: 1.44
data 0.1s, rep 3
Dabs_1 = 2.1
m/z = 689.91
m/z = 689.90
Env res: 1.42
data 0.1s, rep 4
Dabs_1 = 2.4
m/z = 689.99
m/z = 690.07
data 0.1s
rep 1
rep 2
rep 3
rep 4
Env res: 1.58
data 0.8s, rep 1
Dabs_1 = 3.3
m/z = 690.26
m/z = 690.30
Env res: 1.49
data 0.8s, rep 2
Dabs_1 = 3.3
m/z = 690.27
m/z = 690.31
Env res: 1.35
data 0.8s, rep 3
Dabs_1 = 3.1
m/z = 690.19
m/z = 690.21
Env res: 1.42
data 0.8s, rep 4
Dabs_1 = 3.1
m/z = 690.19
m/z = 690.21
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 1.57
data 4.0s, rep 1
Dabs_1 = 3.5
m/z = 690.31
m/z = 690.33
Env res: 1.50
data 4.0s, rep 2
Dabs_1 = 3.5
m/z = 690.31
m/z = 690.29
Env res: 1.58
data 4.0s, rep 3
Dabs_1 = 3.5
m/z = 690.32
m/z = 690.29
Env res: 1.48
data 4.0s, rep 4
Dabs_1 = 3.4
m/z = 690.29
m/z = 690.31
data 4.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.55
data 60.0s, rep 1
Dabs_1 = 4.3
m/z = 690.56
m/z = 690.54
Env res: 1.49
data 60.0s, rep 2
Dabs_1 = 4.3
m/z = 690.57
m/z = 690.55
Env res: 1.59
data 60.0s, rep 3
Dabs_1 = 4.2
m/z = 690.53
m/z = 690.53
Env res: 1.51
data 60.0s, rep 4
Dabs_1 = 4.1
m/z = 690.49
m/z = 690.50
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.59
data 1800.0s, rep 1
Dabs_1 = 5.6
m/z = 690.95
m/z = 690.93
Env res: 1.55
data 1800.0s, rep 2
Dabs_1 = 5.4
m/z = 690.88
m/z = 690.90
Env res: 1.60
data 1800.0s, rep 3
Dabs_1 = 5.6
m/z = 690.93
m/z = 690.91
Env res: 1.60
data 1800.0s, rep 4
Dabs_1 = 5.4
m/z = 690.87
m/z = 690.88
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.60
data 72000.0s, rep 1
Dabs_1 = 6.4
m/z = 691.18
m/z = 691.17
Env res: 1.54
data 72000.0s, rep 2
Dabs_1 = 6.3
m/z = 691.15
m/z = 691.17
Env res: 1.51
data 72000.0s, rep 3
Dabs_1 = 6.4
m/z = 691.17
m/z = 691.18
Env res: 1.55
data 72000.0s, rep 4
Dabs_1 = 6.5
m/z = 691.21
m/z = 691.19
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.55
data FullDeut, rep 1
Dabs_1 = 8.9
m/z = 691.92
m/z = 691.93
Env res: 1.56
data FullDeut, rep 2
Dabs_1 = 8.9
m/z = 691.92
m/z = 691.93
Env res: 1.64
data FullDeut, rep 3
Dabs_1 = 9.0
m/z = 691.96
m/z = 691.94
data FullDeut
rep 1
rep 2
rep 3
Intensity
m/z

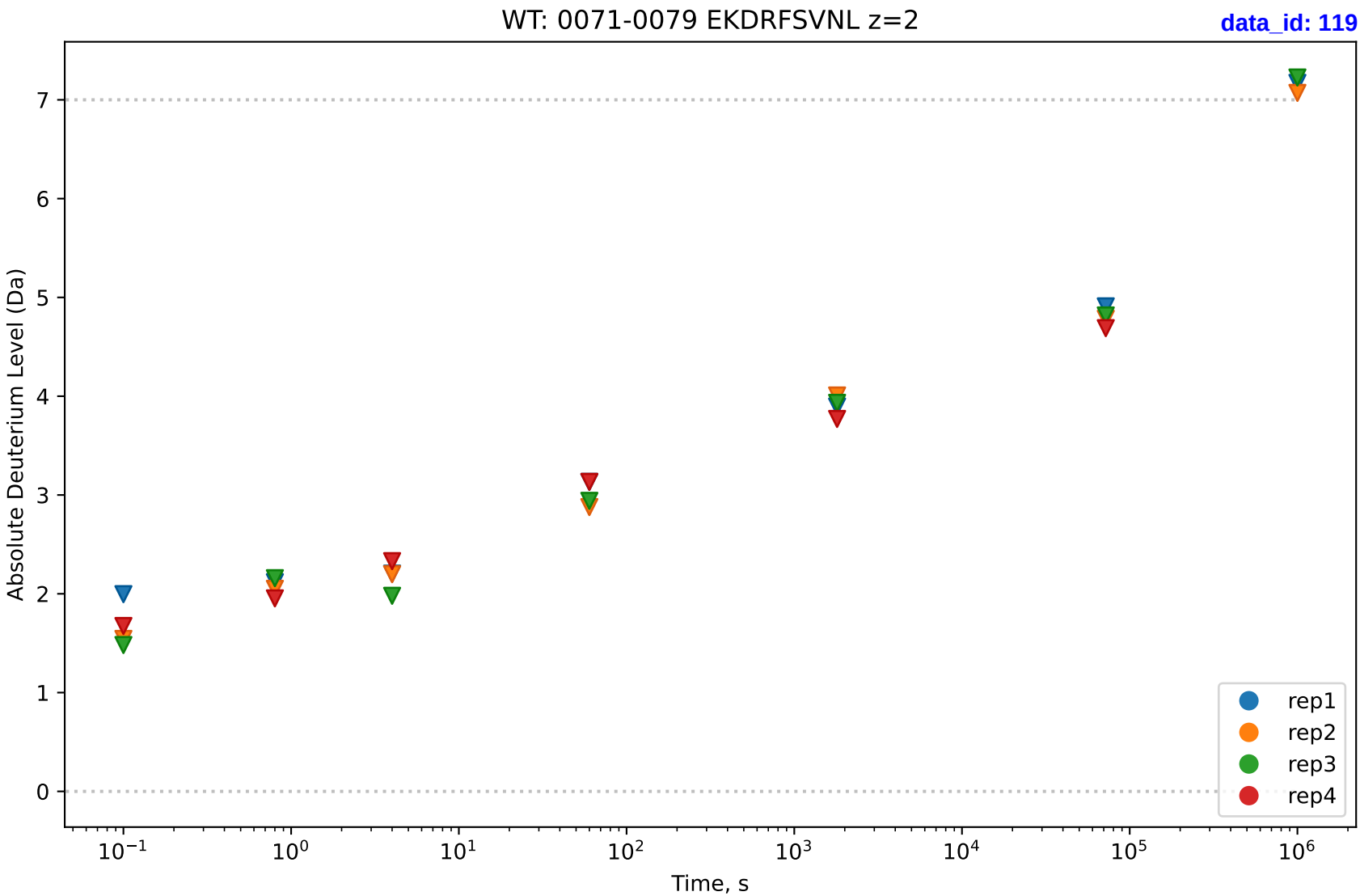
data_id: 116
WT: 0069-0079 RLEKDRFSVNL z=2
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
Replicates Overlay
UnDeut
1_pop0
2_pop0
3_pop0
0.1s, rep1
0.1s, rep2
0.1s, rep3
0.1s, rep4
0.1s
4_pop0
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
0.8s
4.0s, rep1
4.0s, rep2
4.0s, rep3
4.0s, rep4
4.0s
60.0s, rep1
60.0s, 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, rep3
FullDeut
pop0
Centroid
population
Absolute Deuterium Level (Da)

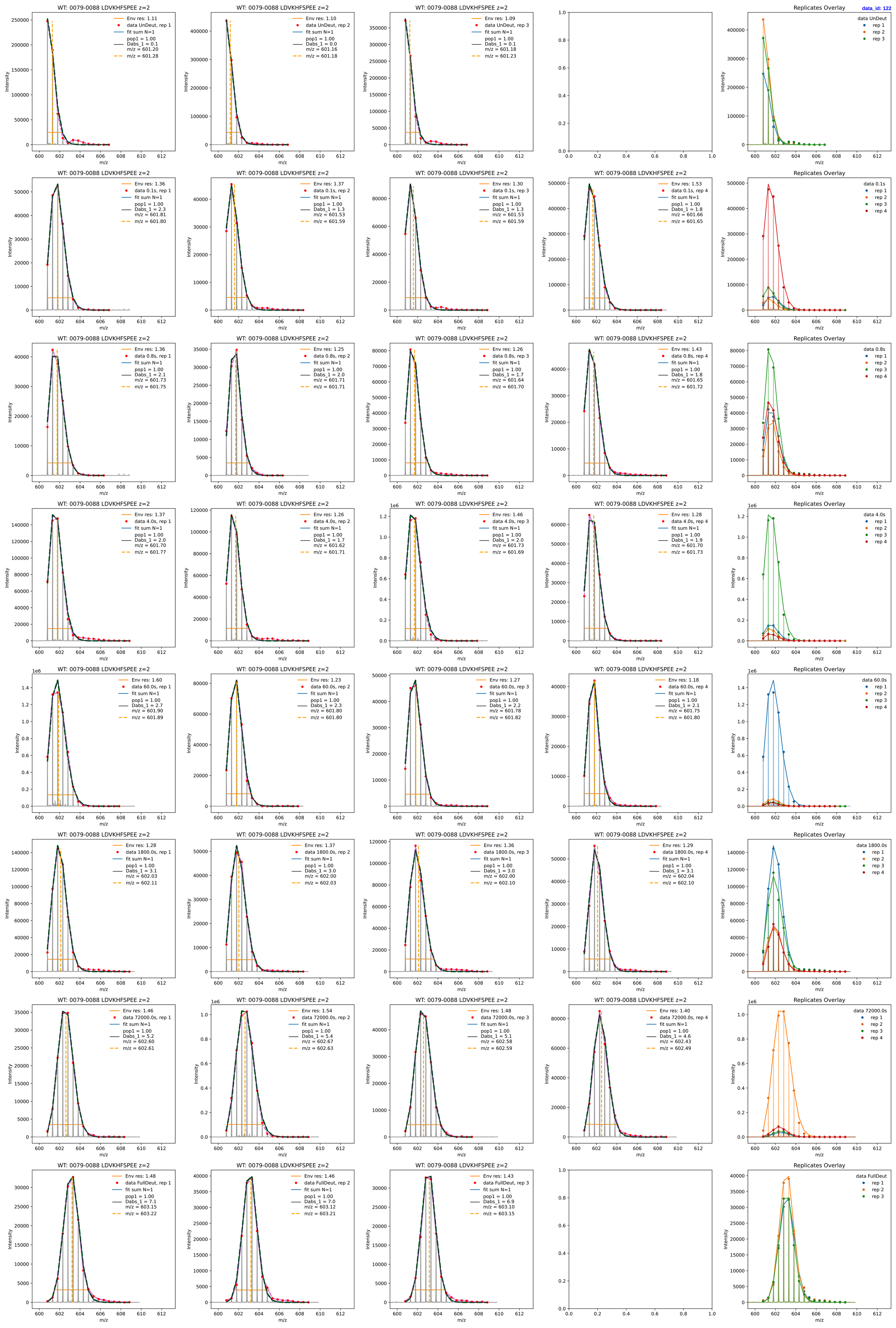

WT: 0069-0079 RLEKDRFSVNL z=2
data_id: 116
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4

data_id: 119

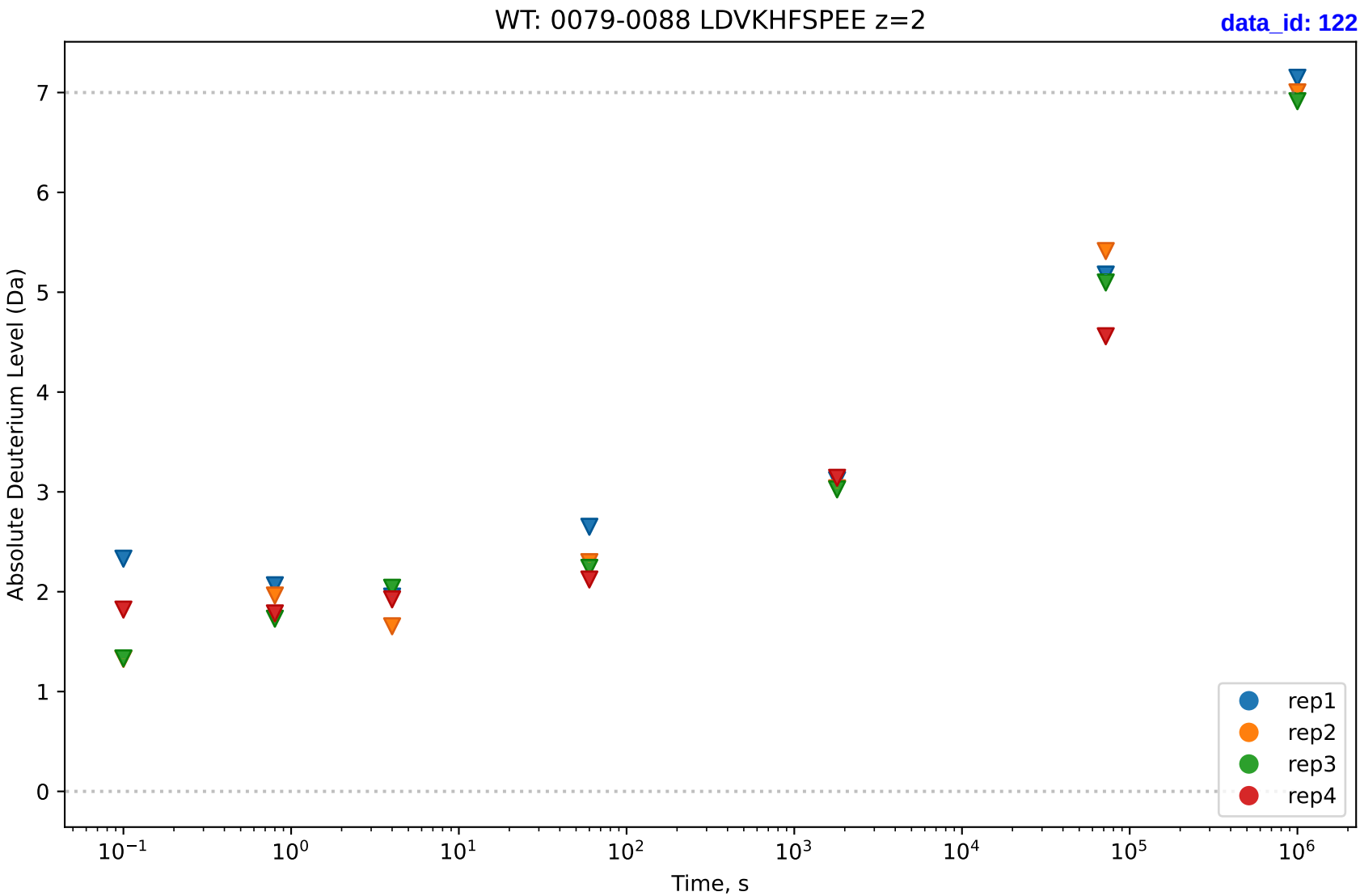

WT: 0071-0079 EKDRFSVNL z=2
Env res: 1.15
data UnDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.2
m/z = 554.68
m/z = 554.68
Env res: 1.14
data UnDeut, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.2
m/z = 554.66
m/z = 554.68
Env res: 1.15
data UnDeut, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.2
m/z = 554.68
m/z = 554.70
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 1.41
data 0.1s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.0
m/z = 555.17
m/z = 555.19
Env res: 1.52
data 0.1s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 1.5
m/z = 555.04
m/z = 555.05
Env res: 1.57
data 0.1s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 1.5
m/z = 555.03
m/z = 555.03
Env res: 1.50
data 0.1s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 1.7
m/z = 555.08
m/z = 555.08
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=1
pop1 = 1.00
Dabs_1 = 2.1
m/z = 555.20
m/z = 555.20
Env res: 1.49
data 0.8s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.1
m/z = 555.18
m/z = 555.19
Env res: 1.56
data 0.8s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.2
m/z = 555.21
m/z = 555.19
Env res: 1.52
data 0.8s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.0
m/z = 555.16
m/z = 555.14
Replicates Overlay
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 1.70
data 4.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.2
m/z = 555.23
m/z = 555.23
Env res: 1.66
data 4.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.2
m/z = 555.22
m/z = 555.22
Env res: 1.87
data 4.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.0
m/z = 555.16
m/z = 555.18
Env res: 1.71
data 4.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.3
m/z = 555.26
m/z = 555.23
Replicates Overlay
data 4.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.67
data 60.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.1
m/z = 555.48
m/z = 555.43
Env res: 1.68
data 60.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.9
m/z = 555.41
m/z = 555.39
Env res: 1.69
data 60.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.9
m/z = 555.43
m/z = 555.41
Env res: 1.64
data 60.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.1
m/z = 555.48
m/z = 555.44
Replicates Overlay
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.51
data 1800.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.9
m/z = 555.69
m/z = 555.68
Env res: 1.51
data 1800.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.0
m/z = 555.72
m/z = 555.69
Env res: 1.45
data 1800.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.9
m/z = 555.70
m/z = 555.66
Env res: 1.49
data 1800.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.8
m/z = 555.66
m/z = 555.65
Replicates Overlay
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.48
data 72000.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.9
m/z = 555.97
m/z = 555.94
Env res: 1.49
data 72000.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.8
m/z = 555.94
m/z = 555.92
Env res: 1.48
data 72000.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.8
m/z = 555.95
m/z = 555.92
Env res: 1.46
data 72000.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.7
m/z = 555.91
m/z = 555.90
Replicates Overlay
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.45
data FullDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 7.2
m/z = 556.60
m/z = 556.60
Env res: 1.44
data FullDeut, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 7.1
m/z = 556.57
m/z = 556.57
Env res: 1.46
data FullDeut, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 7.2
m/z = 556.62
m/z = 556.61
Replicates Overlay
data FullDeut
rep 1
rep 2
rep 3
Intensity
m/z

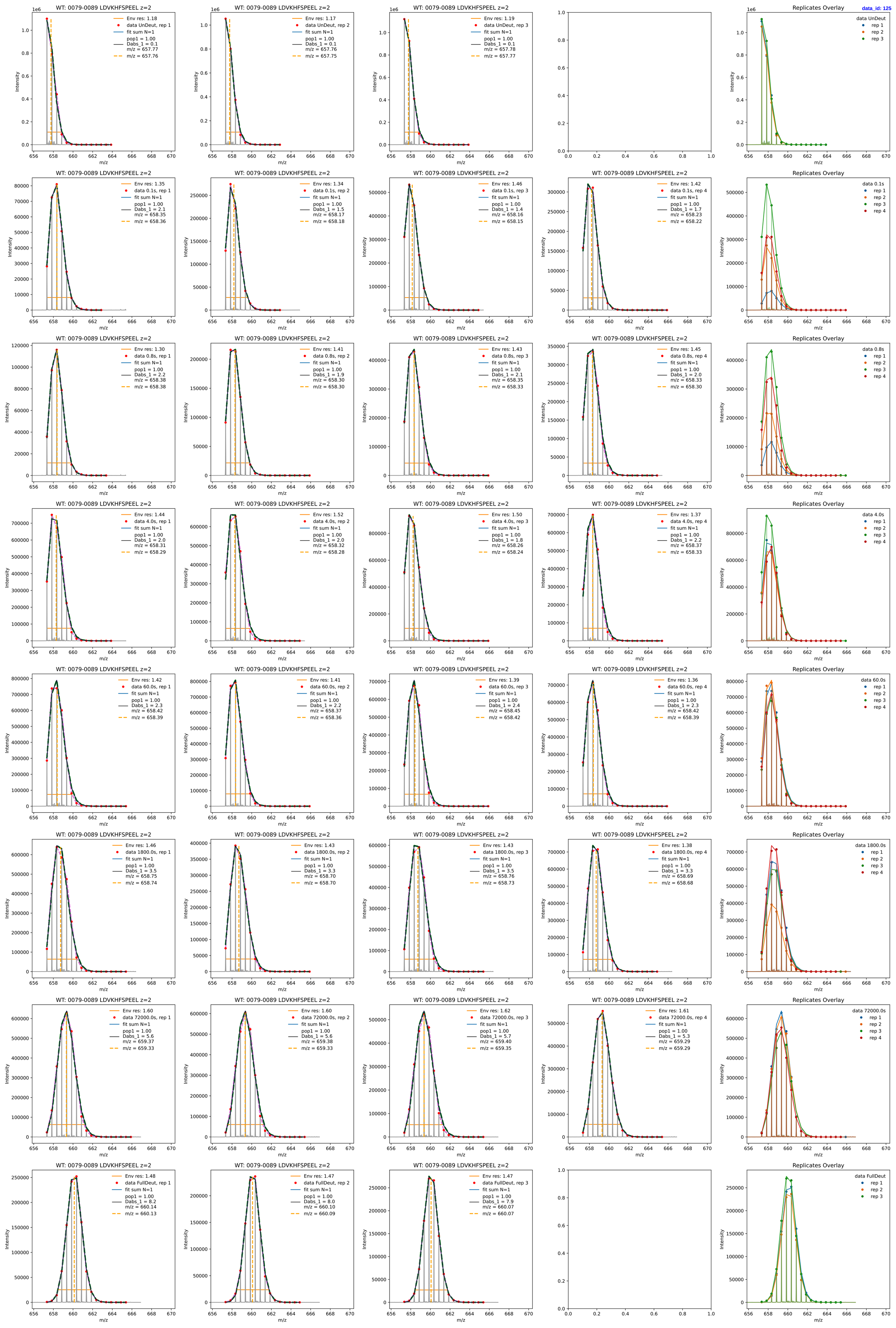
data_id: 119
WT: 0071-0079 EKDRFSVNL z=2
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
Replicates Overlay
UnDeut
1_pop0
2_pop0
3_pop0
0.1s, rep1
0.1s, rep2
0.1s, rep3
0.1s, rep4
0.1s
4_pop0
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
0.8s
4.0s, rep1
4.0s, rep2
4.0s, rep3
4.0s, rep4
4.0s
60.0s, rep1
60.0s, rep2
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, rep3
FullDeut
pop0
Centroid
population
Absolute Deuterium Level (Da)


WT: 0071-0079 EKDRFSVNL z=2
data_id: 119
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4


data_id: 122
WT: 0079-0088 LDVKHFSPEE z=2
Env res: 1.11
data UnDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.1
m/z = 601.20
m/z = 601.28
Env res: 1.10
data UnDeut, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.0
m/z = 601.16
m/z = 601.18
Env res: 1.09
data UnDeut, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.1
m/z = 601.18
m/z = 601.23
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 1.36
data 0.1s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.3
m/z = 601.81
m/z = 601.80
Env res: 1.37
data 0.1s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 1.3
m/z = 601.53
m/z = 601.59
Env res: 1.30
data 0.1s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 1.3
m/z = 601.53
m/z = 601.59
Env res: 1.53
data 0.1s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 1.8
m/z = 601.66
m/z = 601.65
data 0.1s
rep 1
rep 2
rep 3
rep 4
Env res: 1.36
data 0.8s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.1
m/z = 601.73
m/z = 601.75
Env res: 1.25
data 0.8s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.0
m/z = 601.71
m/z = 601.71
Env res: 1.26
data 0.8s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 1.7
m/z = 601.64
m/z = 601.70
Env res: 1.43
data 0.8s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 1.8
m/z = 601.65
m/z = 601.72
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 1.37
data 4.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.0
m/z = 601.70
m/z = 601.77
Env res: 1.26
data 4.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 1.7
m/z = 601.62
m/z = 601.71
Env res: 1.46
data 4.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.0
m/z = 601.73
m/z = 601.69
Env res: 1.28
data 4.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 1.9
m/z = 601.70
m/z = 601.73
data 4.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.60
data 60.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.7
m/z = 601.90
m/z = 601.89
Env res: 1.23
data 60.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.3
m/z = 601.80
m/z = 601.80
Env res: 1.27
data 60.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.2
m/z = 601.78
m/z = 601.82
Env res: 1.18
data 60.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.1
m/z = 601.75
m/z = 601.80
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.28
data 1800.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.1
m/z = 602.03
m/z = 602.11
Env res: 1.37
data 1800.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.0
m/z = 602.00
m/z = 602.03
Env res: 1.36
data 1800.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.0
m/z = 602.00
m/z = 602.10
Env res: 1.29
data 1800.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.1
m/z = 602.04
m/z = 602.10
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.46
data 72000.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.2
m/z = 602.60
m/z = 602.61
Env res: 1.54
data 72000.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.4
m/z = 602.67
m/z = 602.63
Env res: 1.48
data 72000.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.1
m/z = 602.58
m/z = 602.59
Env res: 1.40
data 72000.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.6
m/z = 602.43
m/z = 602.49
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.48
data FullDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 7.1
m/z = 603.15
m/z = 603.22
Env res: 1.46
data FullDeut, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 7.0
m/z = 603.12
m/z = 603.21
Env res: 1.43
data FullDeut, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 6.9
m/z = 603.10
m/z = 603.15
data FullDeut
rep 1
rep 2
rep 3
Intensity
m/z

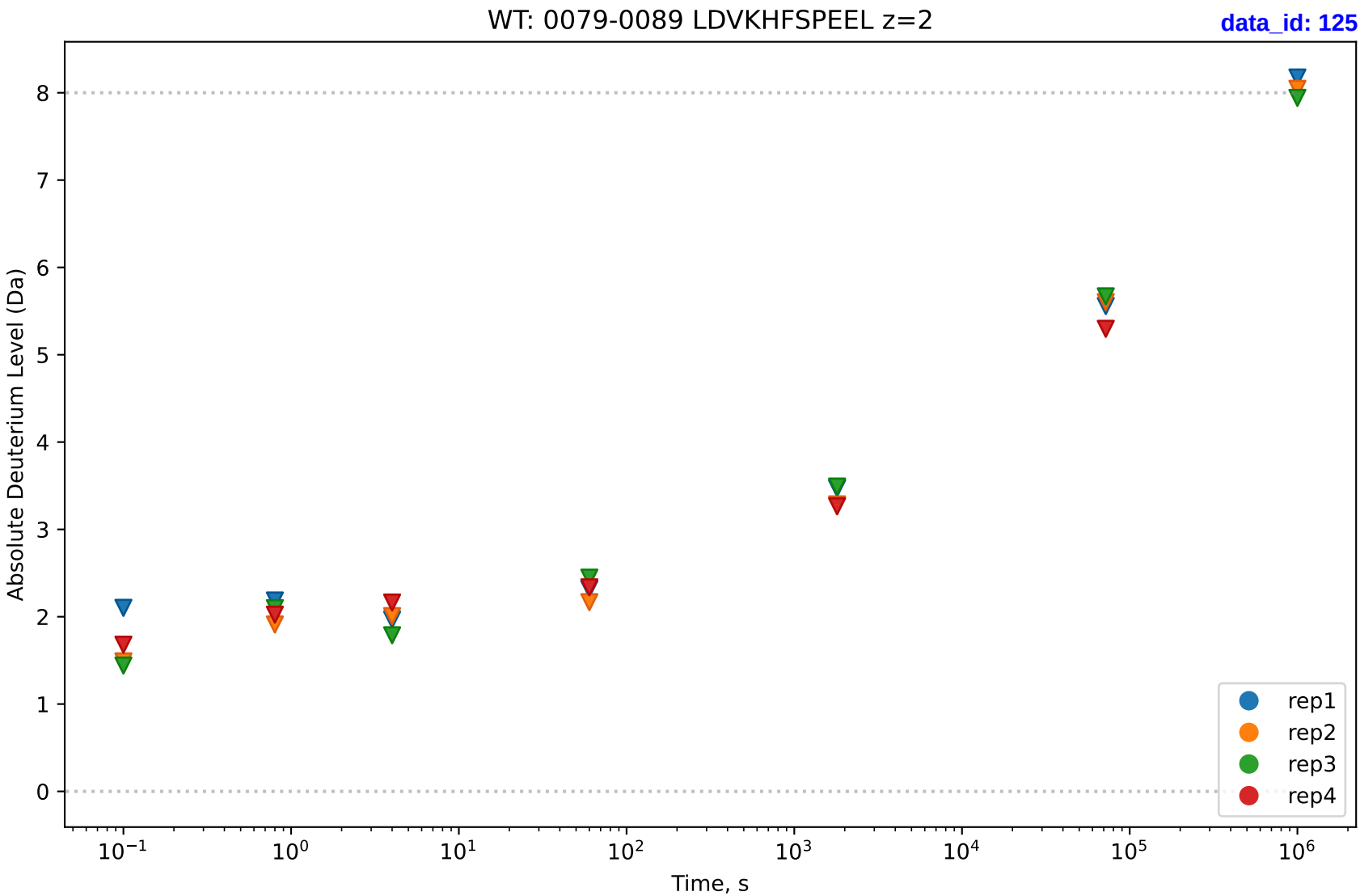
data_id: 122
WT: 0079-0088 LDVKHFSPEE z=2
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
Replicates Overlay
UnDeut
0.1s, rep1
0.1s, rep2
0.1s, rep3
0.1s, rep4
0.1s
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
0.8s
4.0s, rep1
4.0s, rep2
4.0s, rep3
4.0s, rep4
4.0s
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, rep4
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, rep3
FullDeut
pop0
Centroid
1_pop0
2_pop0
3_pop0
4_pop0
population
Absolute Deuterium Level (Da)


WT: 0079-0088 LDVKHFSPEE z=2
data_id: 122
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4

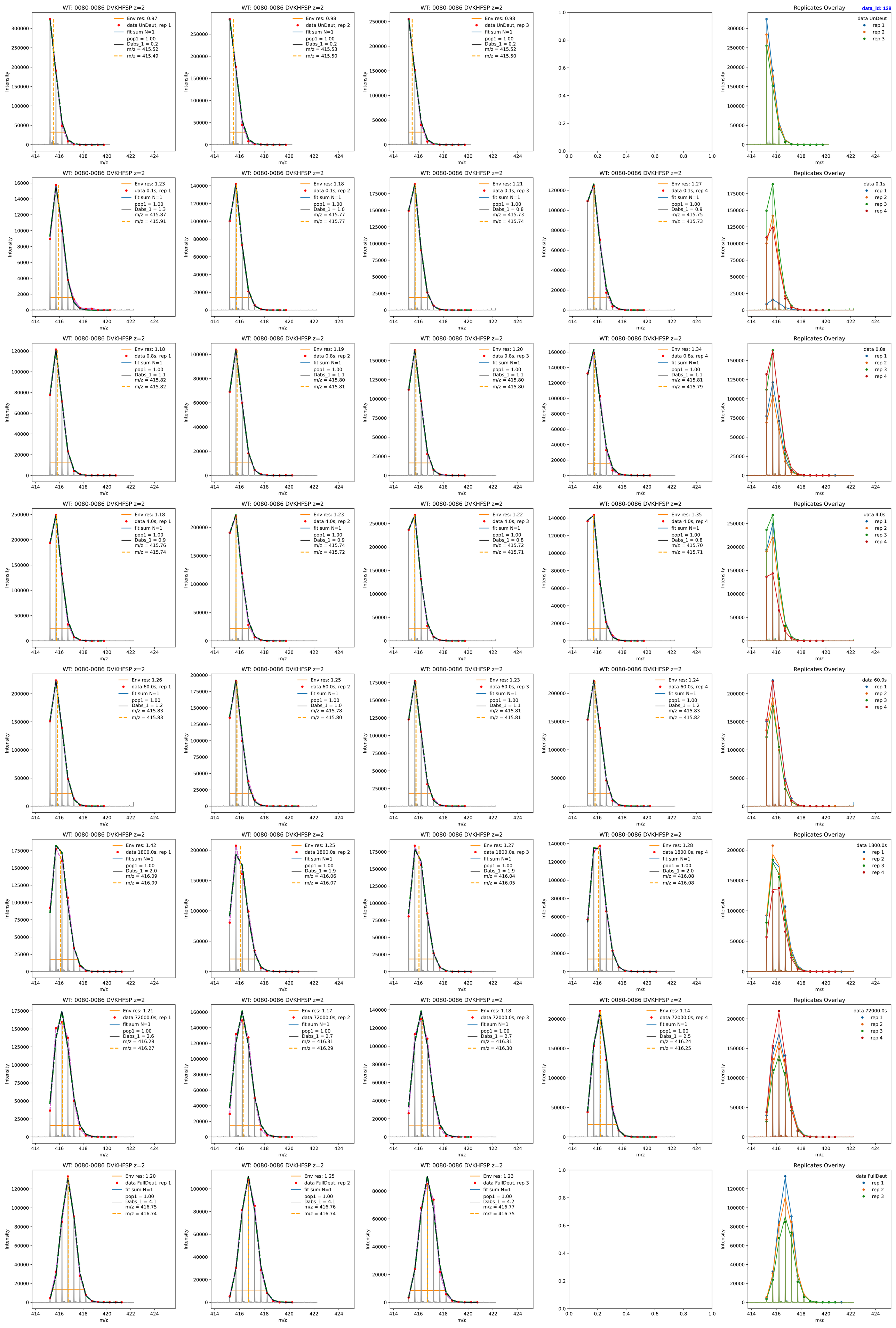

data_id: 125
WT: 0079-0089 LDVKHFSPEEL z=2
Env res: 1.18
data UnDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.1
m/z = 657.77
m/z = 657.76
Env res: 1.17
data UnDeut, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.1
m/z = 657.76
m/z = 657.75
Env res: 1.19
data UnDeut, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.1
m/z = 657.78
m/z = 657.77
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 1.35
data 0.1s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.1
m/z = 658.35
m/z = 658.36
Env res: 1.34
data 0.1s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 1.5
m/z = 658.17
m/z = 658.18
Env res: 1.46
data 0.1s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 1.4
m/z = 658.16
m/z = 658.15
Env res: 1.42
data 0.1s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 1.7
m/z = 658.23
m/z = 658.22
data 0.1s
rep 1
rep 2
rep 3
rep 4
Env res: 1.30
data 0.8s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.2
m/z = 658.38
m/z = 658.38
Env res: 1.41
data 0.8s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 1.9
m/z = 658.30
m/z = 658.30
Env res: 1.43
data 0.8s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.1
m/z = 658.35
m/z = 658.33
Env res: 1.45
data 0.8s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.0
m/z = 658.33
m/z = 658.30
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 1.44
data 4.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.0
m/z = 658.31
m/z = 658.29
Env res: 1.52
data 4.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.0
m/z = 658.32
m/z = 658.28
Env res: 1.50
data 4.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 1.8
m/z = 658.26
m/z = 658.24
Env res: 1.37
data 4.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.2
m/z = 658.37
m/z = 658.33
data 4.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.42
data 60.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.3
m/z = 658.42
m/z = 658.39
Env res: 1.41
data 60.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.2
m/z = 658.37
m/z = 658.36
Env res: 1.39
data 60.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.4
m/z = 658.45
m/z = 658.42
Env res: 1.36
data 60.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.3
m/z = 658.42
m/z = 658.39
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.46
data 1800.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.5
m/z = 658.75
m/z = 658.74
Env res: 1.43
data 1800.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.3
m/z = 658.70
m/z = 658.70
Env res: 1.43
data 1800.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.5
m/z = 658.76
m/z = 658.73
Env res: 1.38
data 1800.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.3
m/z = 658.69
m/z = 658.68
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.60
data 72000.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.6
m/z = 659.37
m/z = 659.33
Env res: 1.60
data 72000.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.6
m/z = 659.38
m/z = 659.33
Env res: 1.62
data 72000.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.7
m/z = 659.40
m/z = 659.35
Env res: 1.61
data 72000.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.3
m/z = 659.29
m/z = 659.29
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.48
data FullDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 8.2
m/z = 660.14
m/z = 660.13
Env res: 1.47
data FullDeut, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 8.0
m/z = 660.10
m/z = 660.09
Env res: 1.47
data FullDeut, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 7.9
m/z = 660.07
m/z = 660.07
data FullDeut
rep 1
rep 2
rep 3
Intensity
m/z

data_id: 125

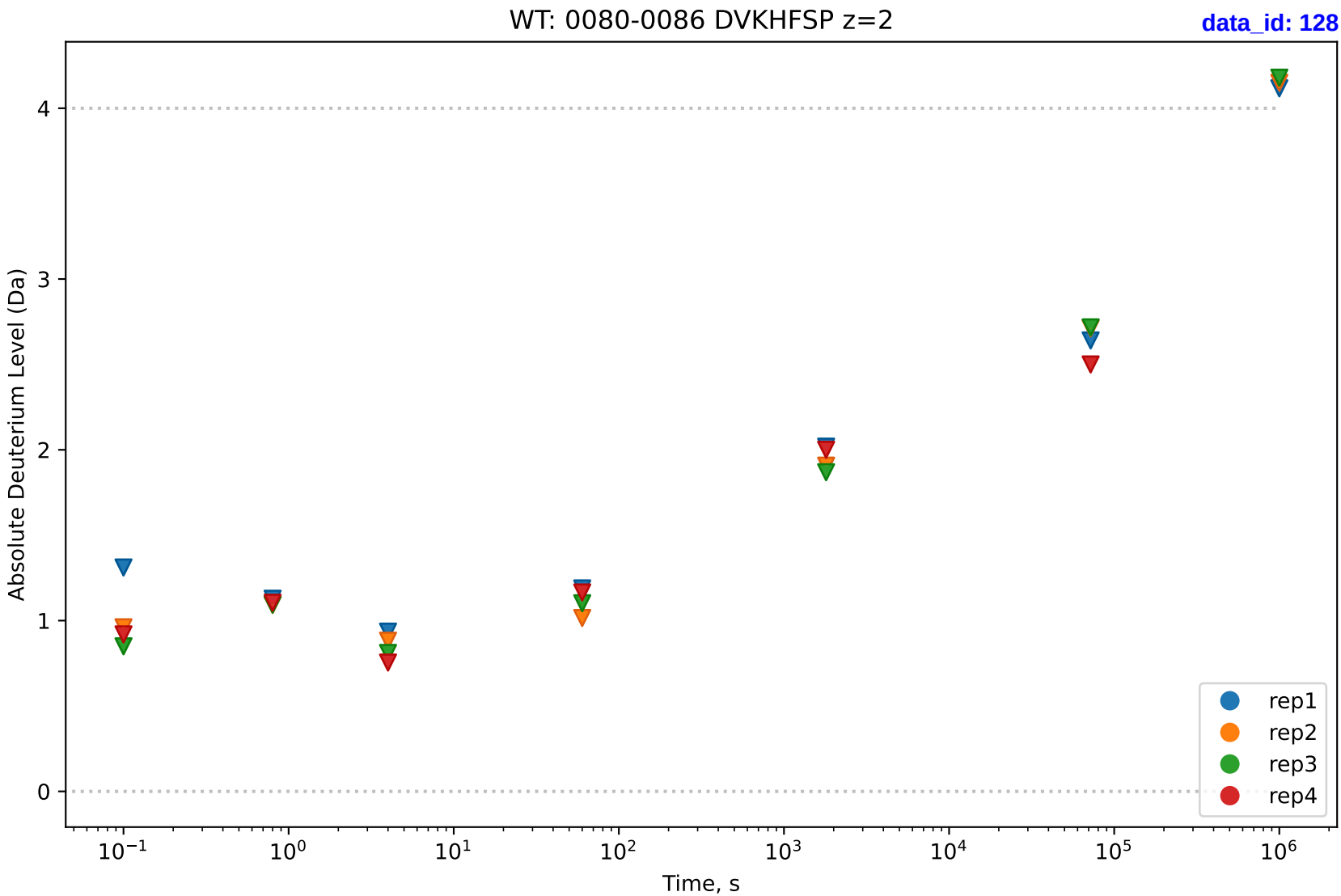
WT: 0079-0089 LDVKHFSPEEL z=2
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
0.1s, rep1
0.1s, rep2
0.1s, rep3
0.1s, rep4
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
4.0s, rep1
4.0s, rep2
4.0s, rep3
4.0s, rep4
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, rep4
1800.0s, rep1
1800.0s, rep2
1800.0s, rep3
1800.0s, rep4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

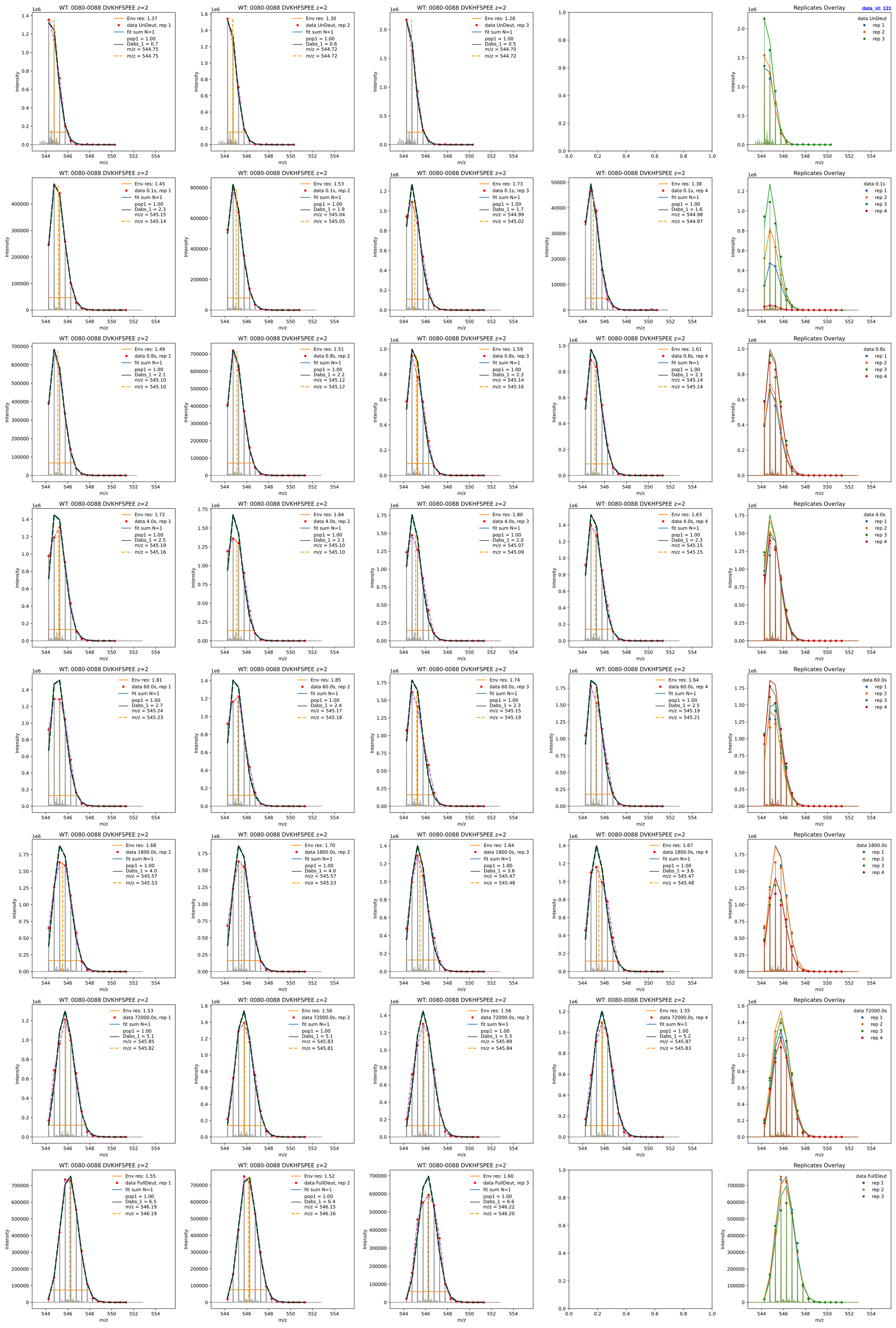

WT: 0079-0089 LDVKHFSPEEL z=2
data_id: 125
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4

data_id: 128

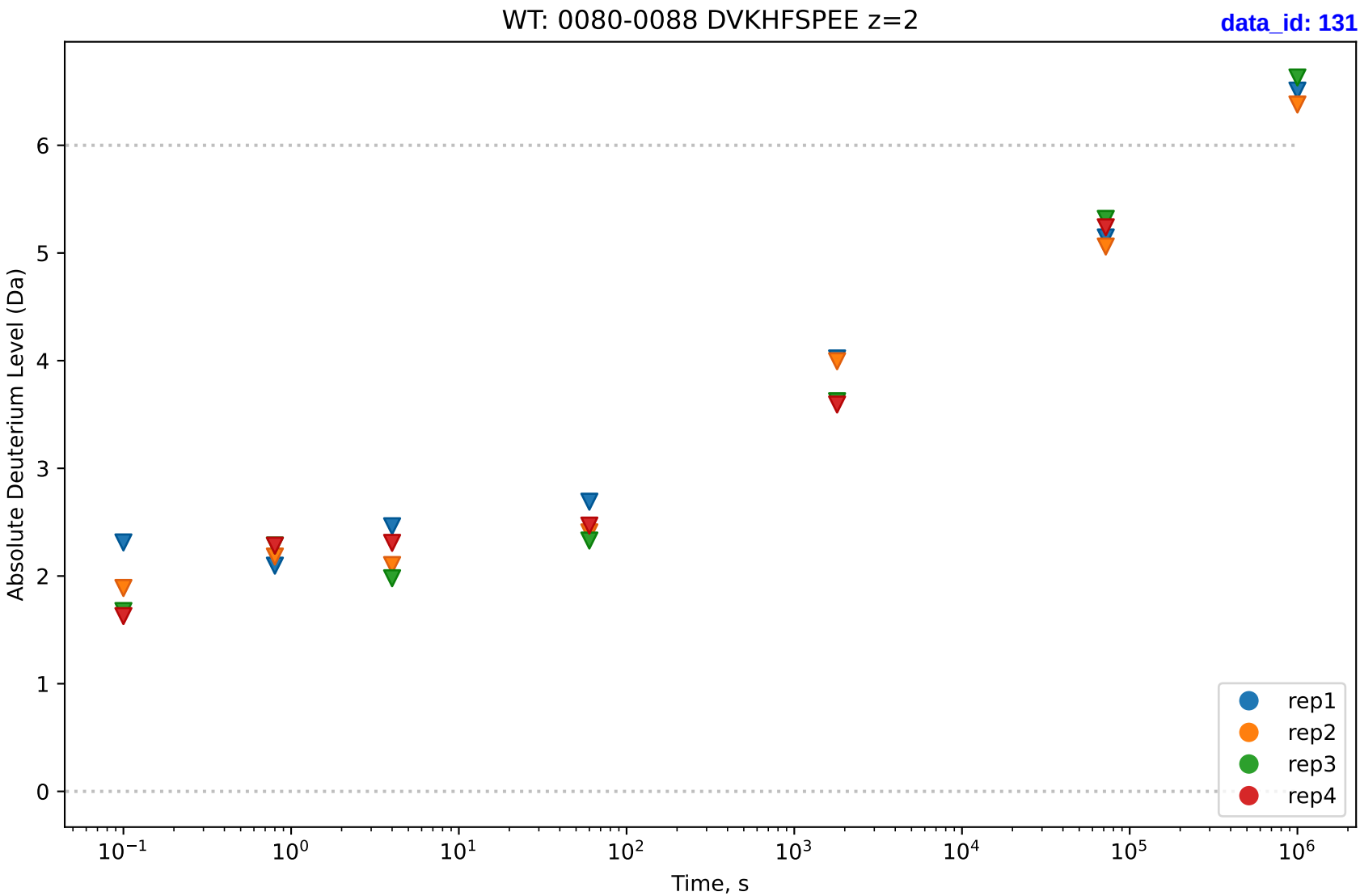

WT: 0080-0086 DVKHFSP z=2
Env res: 0.97
data UnDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.2
m/z = 415.52
m/z = 415.49
Intensity
m/z
WT: 0080-0086 DVKHFSP z=2
Env res: 0.98
data UnDeut, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.2
m/z = 415.53
m/z = 415.50
WT: 0080-0086 DVKHFSP z=2
Env res: 0.98
data UnDeut, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.2
m/z = 415.52
m/z = 415.50
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
WT: 0080-0086 DVKHFSP z=2
Env res: 1.23
data 0.1s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 1.3
m/z = 415.87
m/z = 415.91
WT: 0080-0086 DVKHFSP z=2
Env res: 1.18
data 0.1s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 1.0
m/z = 415.77
m/z = 415.77
WT: 0080-0086 DVKHFSP z=2
Env res: 1.21
data 0.1s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.8
m/z = 415.73
m/z = 415.74
WT: 0080-0086 DVKHFSP z=2
Env res: 1.27
data 0.1s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.9
m/z = 415.75
m/z = 415.73
Replicates Overlay
data 0.1s
rep 1
rep 2
rep 3
rep 4
WT: 0080-0086 DVKHFSP z=2
Env res: 1.18
data 0.8s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 1.1
m/z = 415.82
m/z = 415.82
WT: 0080-0086 DVKHFSP z=2
Env res: 1.19
data 0.8s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 1.1
m/z = 415.80
m/z = 415.81
WT: 0080-0086 DVKHFSP z=2
Env res: 1.20
data 0.8s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 1.1
m/z = 415.80
m/z = 415.80
WT: 0080-0086 DVKHFSP z=2
Env res: 1.34
data 0.8s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 1.1
m/z = 415.81
m/z = 415.79
Replicates Overlay
data 0.8s
rep 1
rep 2
rep 3
rep 4
WT: 0080-0086 DVKHFSP z=2
Env res: 1.18
data 4.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.9
m/z = 415.76
m/z = 415.74
WT: 0080-0086 DVKHFSP z=2
Env res: 1.23
data 4.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.9
m/z = 415.74
m/z = 415.72
WT: 0080-0086 DVKHFSP z=2
Env res: 1.22
data 4.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.8
m/z = 415.72
m/z = 415.71
WT: 0080-0086 DVKHFSP z=2
Env res: 1.35
data 4.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.8
m/z = 415.70
m/z = 415.71
Replicates Overlay
data 4.0s
rep 1
rep 2
rep 3
rep 4
WT: 0080-0086 DVKHFSP z=2
Env res: 1.26
data 60.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 1.2
m/z = 415.83
m/z = 415.83
WT: 0080-0086 DVKHFSP z=2
Env res: 1.25
data 60.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 1.0
m/z = 415.78
m/z = 415.80
WT: 0080-0086 DVKHFSP z=2
Env res: 1.23
data 60.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 1.1
m/z = 415.81
m/z = 415.81
WT: 0080-0086 DVKHFSP z=2
Env res: 1.24
data 60.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 1.2
m/z = 415.83
m/z = 415.82
Replicates Overlay
data 60.0s
rep 1
rep 2
rep 3
rep 4
WT: 0080-0086 DVKHFSP z=2
Env res: 1.42
data 1800.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.0
m/z = 416.09
m/z = 416.09
WT: 0080-0086 DVKHFSP z=2
Env res: 1.25
data 1800.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 1.9
m/z = 416.06
m/z = 416.07
WT: 0080-0086 DVKHFSP z=2
Env res: 1.27
data 1800.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 1.9
m/z = 416.04
m/z = 416.05
WT: 0080-0086 DVKHFSP z=2
Env res: 1.28
data 1800.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.0
m/z = 416.08
m/z = 416.08
Replicates Overlay
data 1800.0s
rep 1
rep 2
rep 3
rep 4
WT: 0080-0086 DVKHFSP z=2
Env res: 1.21
data 72000.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.6
m/z = 416.28
m/z = 416.27
WT: 0080-0086 DVKHFSP z=2
Env res: 1.17
data 72000.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.7
m/z = 416.31
m/z = 416.29
WT: 0080-0086 DVKHFSP z=2
Env res: 1.18
data 72000.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.7
m/z = 416.31
m/z = 416.30
WT: 0080-0086 DVKHFSP z=2
Env res: 1.14
data 72000.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.5
m/z = 416.24
m/z = 416.25
Replicates Overlay
data 72000.0s
rep 1
rep 2
rep 3
rep 4
WT: 0080-0086 DVKHFSP z=2
Env res: 1.20
data FullDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.1
m/z = 416.75
m/z = 416.74
WT: 0080-0086 DVKHFSP z=2
Env res: 1.25
data FullDeut, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.1
m/z = 416.76
m/z = 416.74
WT: 0080-0086 DVKHFSP z=2
Env res: 1.23
data FullDeut, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.2
m/z = 416.77
m/z = 416.75
Replicates Overlay
data FullDeut
rep 1
rep 2
rep 3

data_id: 128
WT: 0080-0086 DVKHFSP z=2
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
Replicates Overlay
UnDeut
1_pop0
2_pop0
3_pop0
0.1s, rep1
0.1s, rep2
0.1s, rep3
0.1s, rep4
0.1s
4_pop0
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, rep4
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, rep3
FullDeut
pop0
Centroid
population
Absolute Deuterium Level (Da)

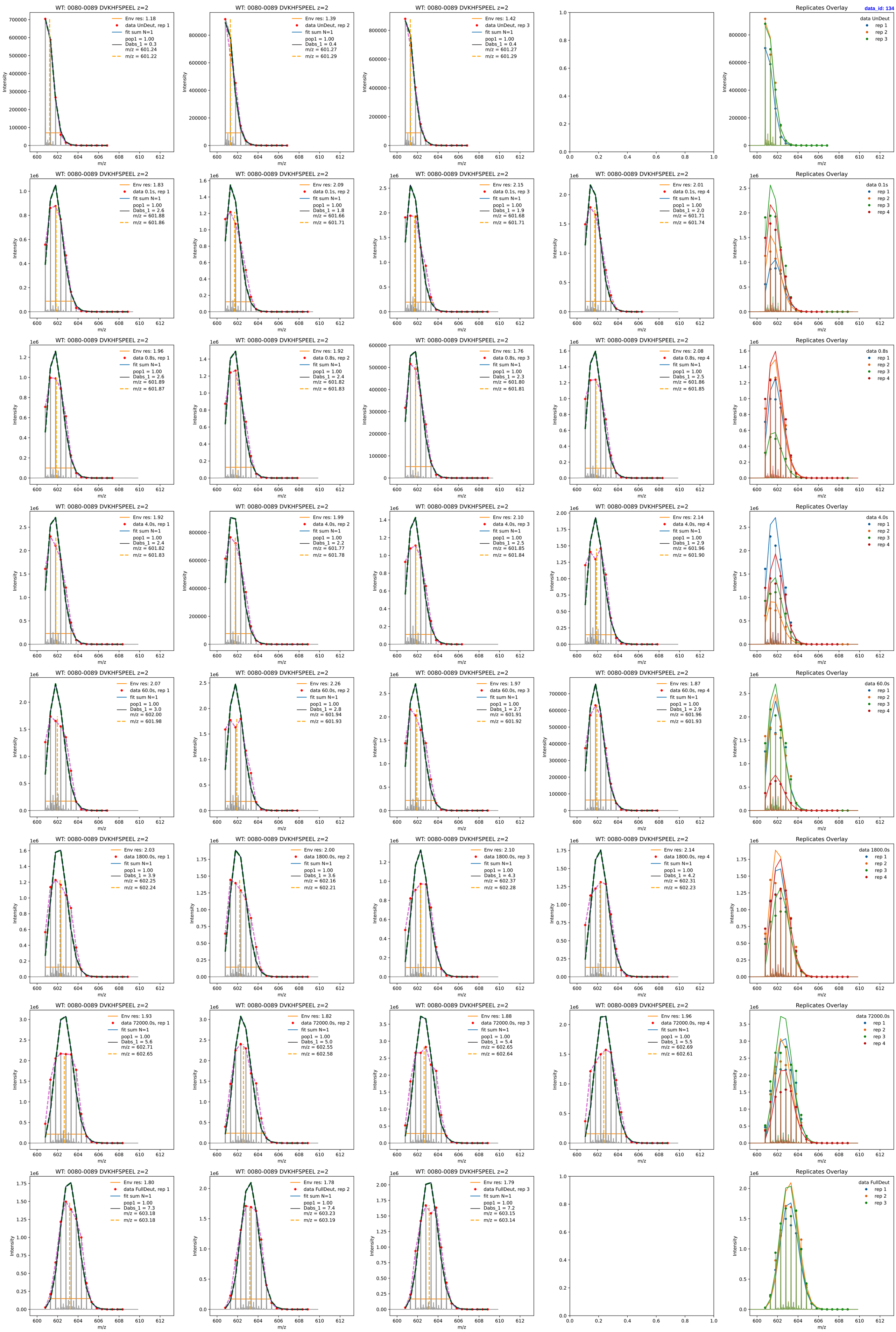

WT: 0080-0086 DVKHFSP z=2
data_id: 128
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4


data_id: 131
WT: 0080-0088 DVKHFSPEE z=2
Env res: 1.37
data UnDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.7
m/z = 544.75
m/z = 544.75
Env res: 1.30
data UnDeut, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.6
m/z = 544.72
m/z = 544.72
Env res: 1.28
data UnDeut, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.5
m/z = 544.70
m/z = 544.72
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 1.45
data 0.1s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.3
m/z = 545.15
m/z = 545.14
Env res: 1.53
data 0.1s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 1.9
m/z = 545.04
m/z = 545.05
Env res: 1.73
data 0.1s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 1.7
m/z = 544.99
m/z = 545.02
Env res: 1.38
data 0.1s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 1.6
m/z = 544.98
m/z = 544.97
Replicates Overlay
data 0.1s
rep 1
rep 2
rep 3
rep 4
Env res: 1.49
data 0.8s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.1
m/z = 545.10
m/z = 545.10
Env res: 1.51
data 0.8s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.2
m/z = 545.12
m/z = 545.12
Env res: 1.59
data 0.8s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.3
m/z = 545.14
m/z = 545.16
Env res: 1.61
data 0.8s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.3
m/z = 545.14
m/z = 545.14
Replicates Overlay
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 1.72
data 4.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.5
m/z = 545.19
m/z = 545.16
Env res: 1.84
data 4.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.1
m/z = 545.10
m/z = 545.10
Env res: 1.80
data 4.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.0
m/z = 545.07
m/z = 545.09
Env res: 1.63
data 4.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.3
m/z = 545.15
m/z = 545.15
Replicates Overlay
data 4.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.81
data 60.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.7
m/z = 545.24
m/z = 545.23
Env res: 1.85
data 60.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.4
m/z = 545.17
m/z = 545.18
Env res: 1.74
data 60.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.3
m/z = 545.15
m/z = 545.19
Env res: 1.64
data 60.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.5
m/z = 545.19
m/z = 545.21
Replicates Overlay
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.68
data 1800.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.0
m/z = 545.57
m/z = 545.53
Env res: 1.70
data 1800.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.0
m/z = 545.57
m/z = 545.53
Env res: 1.64
data 1800.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.6
m/z = 545.47
m/z = 545.48
Env res: 1.67
data 1800.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.6
m/z = 545.47
m/z = 545.48
Replicates Overlay
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.53
data 72000.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.1
m/z = 545.85
m/z = 545.82
Env res: 1.56
data 72000.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.1
m/z = 545.83
m/z = 545.81
Env res: 1.56
data 72000.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.3
m/z = 545.89
m/z = 545.84
Env res: 1.55
data 72000.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.2
m/z = 545.87
m/z = 545.83
Replicates Overlay
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.55
data FullDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 6.5
m/z = 546.19
m/z = 546.19
Env res: 1.52
data FullDeut, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 6.4
m/z = 546.15
m/z = 546.16
Env res: 1.60
data FullDeut, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 6.6
m/z = 546.22
m/z = 546.20
Replicates Overlay
data FullDeut
rep 1
rep 2
rep 3
Intensity
m/z

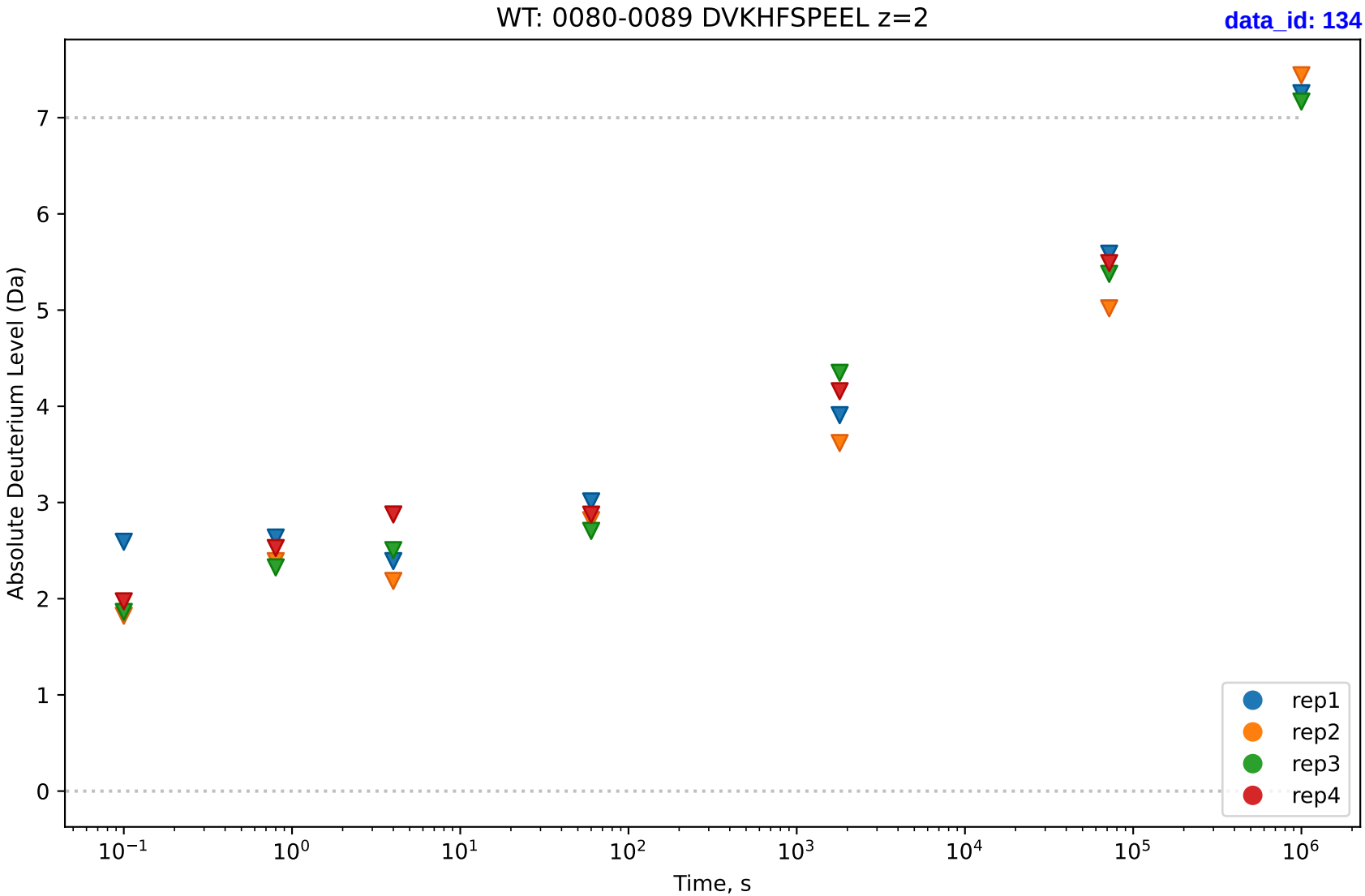
data_id: 131
WT: 0080-0088 DVKHFSPEE z=2
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
Replicates Overlay
UnDeut
0.1s, rep1
0.1s, rep2
0.1s, rep3
0.1s, rep4
0.1s
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
0.8s
4.0s, rep1
4.0s, rep2
4.0s, rep3
4.0s, rep4
4.0s
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, rep4
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, rep3
FullDeut
pop0
Centroid
1_pop0
2_pop0
3_pop0
4_pop0
population
Absolute Deuterium Level (Da)


WT: 0080-0088 DVKHFSPEE z=2
data_id: 131
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4

data_id: 134

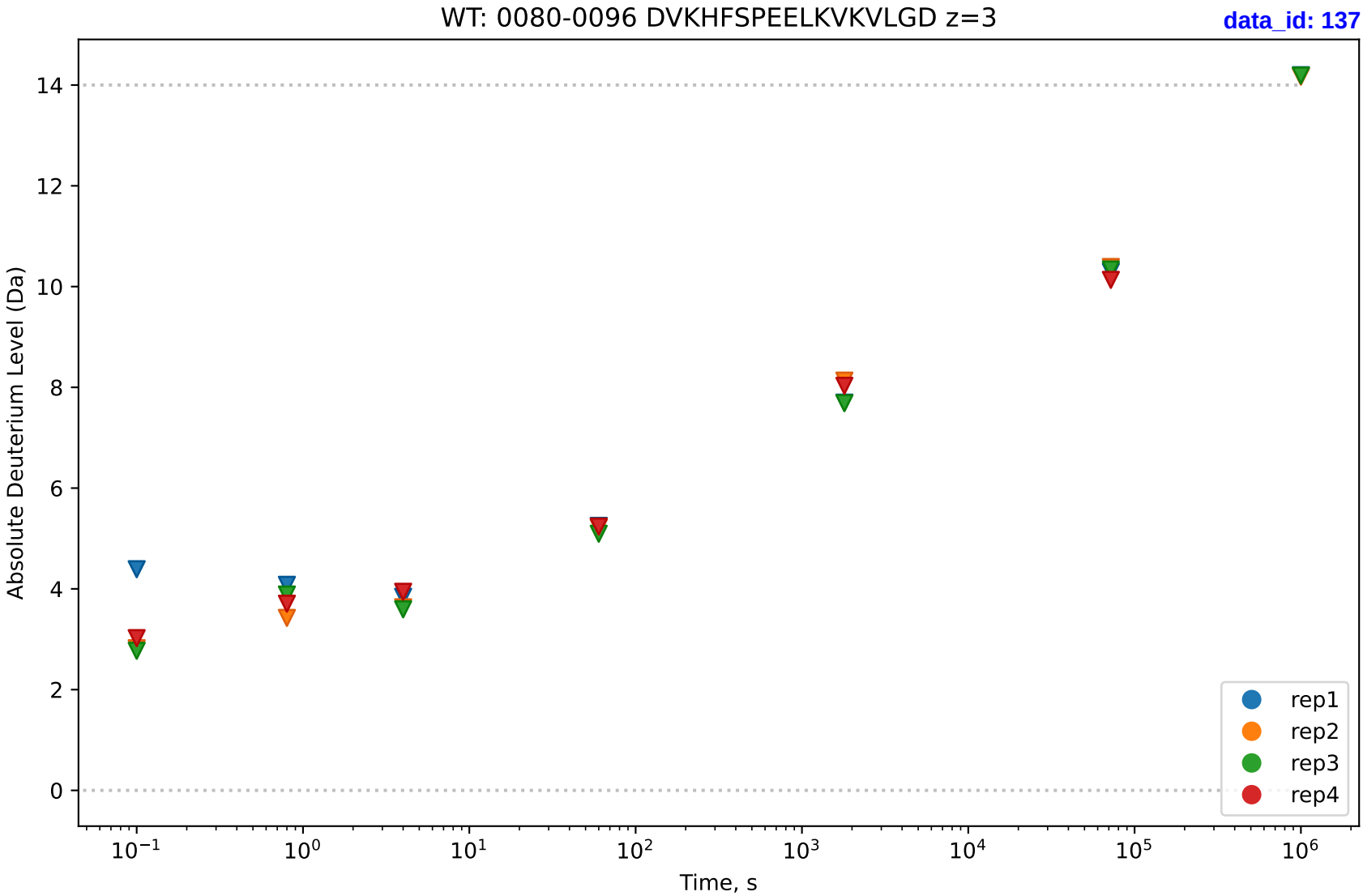

WT: 0080-0089 DVKHFSPEEL z=2
Env res: 1.18
data UnDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.3
m/z = 601.24
m/z = 601.22
Env res: 1.39
data UnDeut, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.4
m/z = 601.27
m/z = 601.29
Env res: 1.42
data UnDeut, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.4
m/z = 601.27
m/z = 601.29
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 1.83
data 0.1s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.6
m/z = 601.88
m/z = 601.86
Env res: 2.09
data 0.1s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 1.8
m/z = 601.66
m/z = 601.71
Env res: 2.15
data 0.1s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 1.9
m/z = 601.68
m/z = 601.71
Env res: 2.01
data 0.1s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.0
m/z = 601.71
m/z = 601.74
data 0.1s
rep 1
rep 2
rep 3
rep 4
Env res: 1.96
data 0.8s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.6
m/z = 601.89
m/z = 601.87
Env res: 1.92
data 0.8s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.4
m/z = 601.82
m/z = 601.83
Env res: 1.76
data 0.8s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.3
m/z = 601.80
m/z = 601.81
Env res: 2.08
data 0.8s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.5
m/z = 601.86
m/z = 601.85
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 1.92
data 4.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.4
m/z = 601.82
m/z = 601.83
Env res: 1.99
data 4.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.2
m/z = 601.77
m/z = 601.78
Env res: 2.10
data 4.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.5
m/z = 601.85
m/z = 601.84
Env res: 2.14
data 4.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.9
m/z = 601.96
m/z = 601.90
data 4.0s
rep 1
rep 2
rep 3
rep 4
Env res: 2.07
data 60.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.0
m/z = 602.00
m/z = 601.98
Env res: 2.26
data 60.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.8
m/z = 601.94
m/z = 601.93
Env res: 1.97
data 60.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.7
m/z = 601.91
m/z = 601.92
Env res: 1.87
data 60.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.9
m/z = 601.96
m/z = 601.93
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 2.03
data 1800.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.9
m/z = 602.25
m/z = 602.24
Env res: 2.00
data 1800.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.6
m/z = 602.16
m/z = 602.21
Env res: 2.10
data 1800.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.3
m/z = 602.37
m/z = 602.28
Env res: 2.14
data 1800.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.2
m/z = 602.31
m/z = 602.23
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.93
data 72000.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.6
m/z = 602.71
m/z = 602.65
Env res: 1.82
data 72000.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.0
m/z = 602.55
m/z = 602.58
Env res: 1.88
data 72000.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.4
m/z = 602.65
m/z = 602.64
Env res: 1.96
data 72000.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.5
m/z = 602.69
m/z = 602.61
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.80
data FullDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 7.3
m/z = 603.18
m/z = 603.18
Env res: 1.78
data FullDeut, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 7.4
m/z = 603.23
m/z = 603.19
Env res: 1.79
data FullDeut, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 7.2
m/z = 603.15
m/z = 603.14
data FullDeut
rep 1
rep 2
rep 3
Intensity
m/z

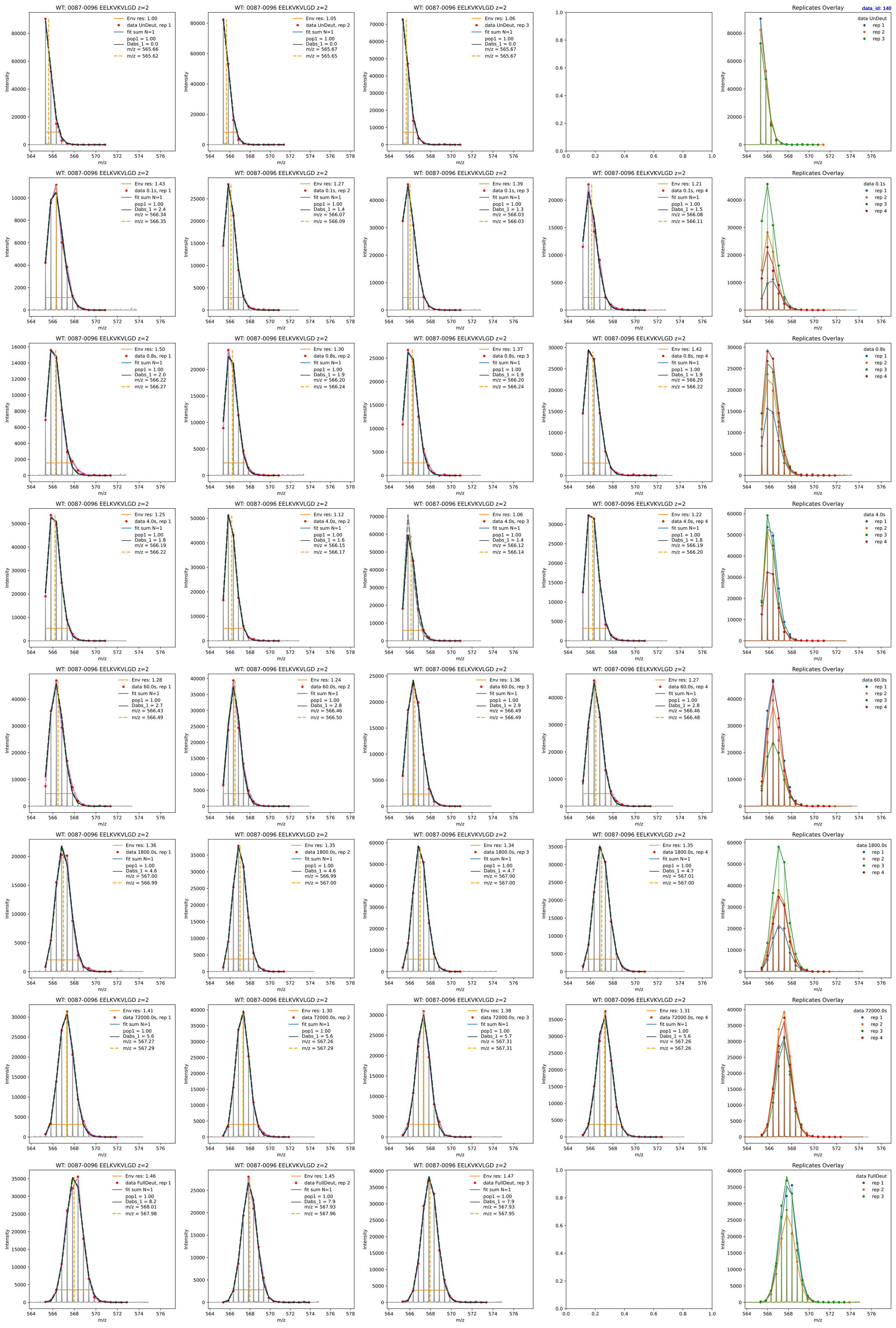
data_id: 134
WT: 0080-0089 DVKHFSPEEL z=2
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
Replicates Overlay
UnDeut
0.1s, rep1
0.1s, rep2
0.1s, rep3
0.1s, rep4
0.1s
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
0.8s
4.0s, rep1
4.0s, rep2
4.0s, rep3
4.0s, rep4
4.0s
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, rep4
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, rep3
FullDeut
pop0
Centroid
1_pop0
2_pop0
3_pop0
4_pop0
population
Absolute Deuterium Level (Da)


WT: 0080-0089 DVKHFSPEEL z=2
data_id: 134
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4

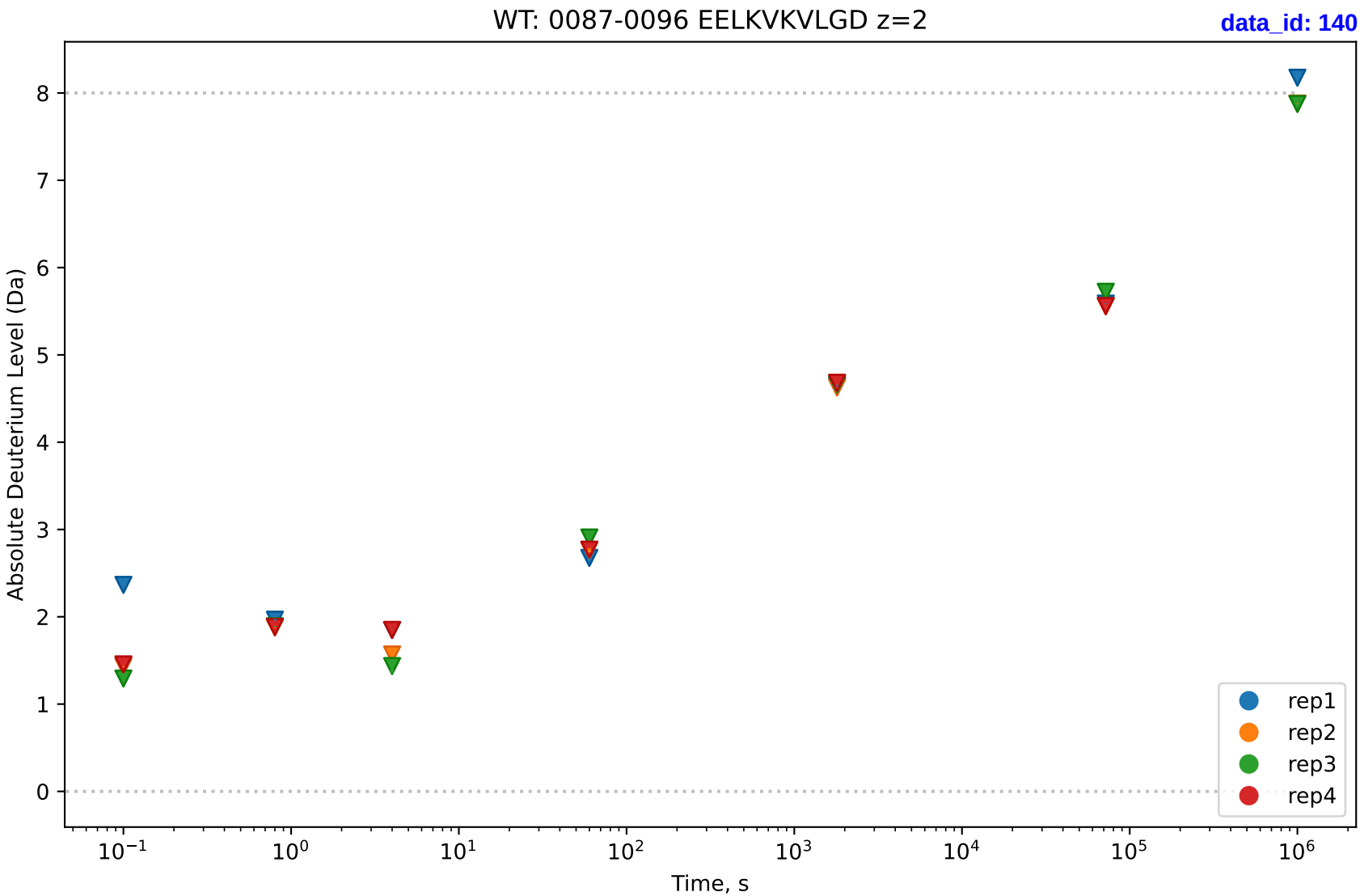
data_id: 137
WT: 0080-0096 DVKHFSPEELKVKVLGD z=3
Env res: 1.48
data UnDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.2
m/z = 647.79
m/z = 647.77
Env res: 1.43
data UnDeut, rep 2
Dabs_1 = 0.3
m/z = 647.81
Env res: 1.51
data UnDeut, rep 3
Dabs_1 = 0.2
m/z = 647.78
m/z = 647.80
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 1.62
data 0.1s, rep 1
Dabs_1 = 4.4
m/z = 648.63
m/z = 648.64
Env res: 1.54
data 0.1s, rep 2
Dabs_1 = 2.8
m/z = 648.31
m/z = 648.32
Env res: 1.60
data 0.1s, rep 3
Dabs_1 = 2.8
m/z = 648.30
m/z = 648.28
Env res: 1.63
data 0.1s, rep 4
Dabs_1 = 3.0
m/z = 648.35
m/z = 648.37
data 0.1s
rep 1
rep 2
rep 3
rep 4
Env res: 1.57
data 0.8s, rep 1
Dabs_1 = 4.1
m/z = 648.57
m/z = 648.57
Env res: 1.54
data 0.8s, rep 2
Dabs_1 = 3.4
m/z = 648.43
m/z = 648.43
Env res: 1.60
data 0.8s, rep 3
Dabs_1 = 3.9
m/z = 648.53
m/z = 648.51
Env res: 1.55
data 0.8s, rep 4
Dabs_1 = 3.7
m/z = 648.49
m/z = 648.47
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 1.53
data 4.0s, rep 1
Dabs_1 = 3.8
m/z = 648.52
m/z = 648.51
Env res: 1.52
data 4.0s, rep 2
Dabs_1 = 3.6
m/z = 648.48
m/z = 648.47
Env res: 1.51
data 4.0s, rep 3
Dabs_1 = 3.6
m/z = 648.47
m/z = 648.45
Env res: 1.53
data 4.0s, rep 4
Dabs_1 = 3.9
m/z = 648.54
m/z = 648.51
data 4.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.75
data 60.0s, rep 1
Dabs_1 = 5.3
m/z = 648.80
m/z = 648.79
Env res: 1.77
data 60.0s, rep 2
Dabs_1 = 5.2
m/z = 648.80
m/z = 648.77
Env res: 1.68
data 60.0s, rep 3
Dabs_1 = 5.1
m/z = 648.77
m/z = 648.77
Env res: 1.75
data 60.0s, rep 4
Dabs_1 = 5.2
m/z = 648.80
m/z = 648.78
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.82
data 1800.0s, rep 1
Dabs_1 = 7.7
m/z = 649.30
m/z = 649.32
Env res: 1.79
data 1800.0s, rep 2
Dabs_1 = 8.1
m/z = 649.39
m/z = 649.38
Env res: 1.78
data 1800.0s, rep 3
Dabs_1 = 7.7
m/z = 649.30
m/z = 649.31
Env res: 1.76
data 1800.0s, rep 4
Dabs_1 = 8.0
m/z = 649.37
m/z = 649.36
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.90
data 72000.0s, rep 1
Dabs_1 = 10.3
m/z = 649.82
m/z = 649.80
Env res: 1.90
data 72000.0s, rep 2
Dabs_1 = 10.4
m/z = 649.84
m/z = 649.81
Env res: 1.91
data 72000.0s, rep 3
Dabs_1 = 10.3
m/z = 649.83
m/z = 649.82
Env res: 1.84
data 72000.0s, rep 4
Dabs_1 = 10.1
m/z = 649.79
m/z = 649.78
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.89
data FullDeut, rep 1
Dabs_1 = 14.2
m/z = 650.61
m/z = 650.60
Env res: 1.89
data FullDeut, rep 2
Dabs_1 = 14.2
m/z = 650.61
m/z = 650.57
Env res: 1.91
data FullDeut, rep 3
Dabs_1 = 14.2
m/z = 650.61
m/z = 650.58
data FullDeut
rep 1
rep 2
rep 3
Intensity
m/z

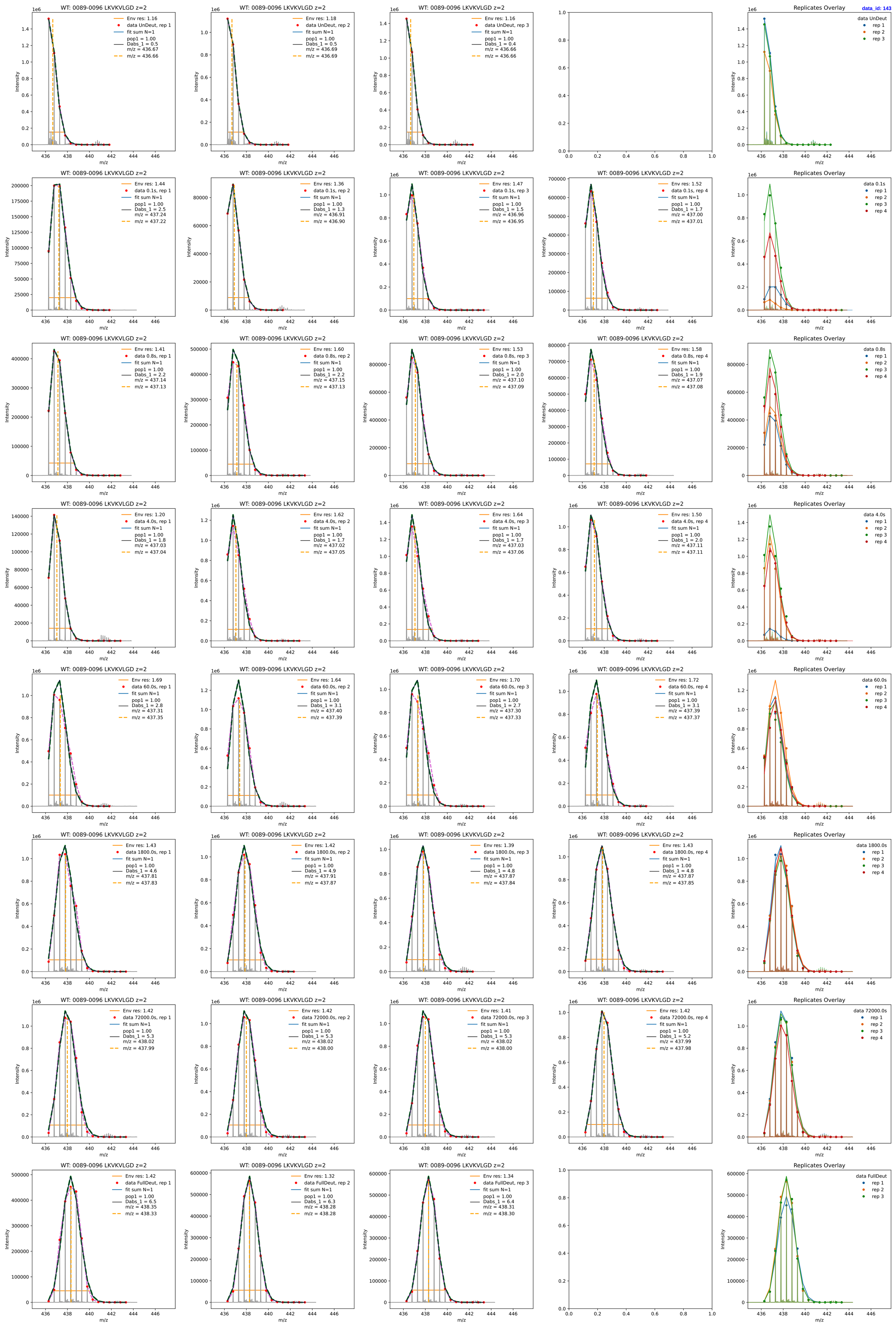
data_id: 137
WT: 0080-0096 DVKHFSPEELKVKVLGD z=3
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
Replicates Overlay
UnDeut
0.1s, rep1
0.1s, rep2
0.1s, rep3
0.1s, rep4
0.1s
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
0.8s
4.0s, rep1
4.0s, rep2
4.0s, rep3
4.0s, rep4
4.0s
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, 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, rep3
FullDeut
pop0
Centroid
1_pop0
2_pop0
3_pop0
4_pop0
population
Absolute Deuterium Level (Da)


WT: 0080-0096 DVKHFSPEELKVKVLGD z=3
data_id: 137
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4

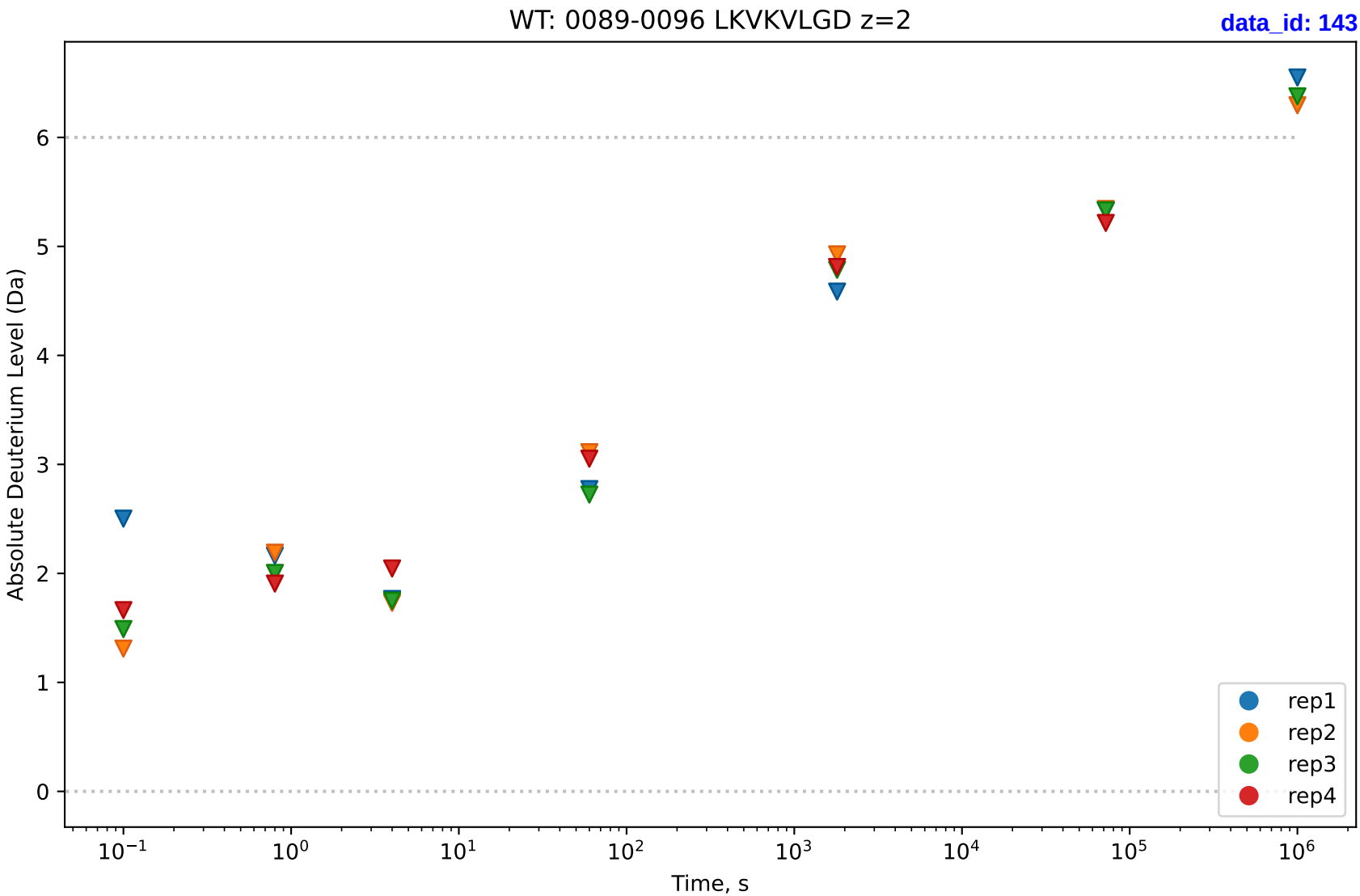

data_id: 140
WT: 0087-0096 EELKVKVLGD z=2
Env res: 1.00
data UnDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.0
m/z = 565.66
m/z = 565.62
Env res: 1.05
data UnDeut, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.0
m/z = 565.67
m/z = 565.65
Env res: 1.06
data UnDeut, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.0
m/z = 565.67
m/z = 565.67
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 1.43
data 0.1s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.4
m/z = 566.34
m/z = 566.35
Env res: 1.27
data 0.1s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 1.4
m/z = 566.07
m/z = 566.09
Env res: 1.39
data 0.1s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 1.3
m/z = 566.03
m/z = 566.03
Env res: 1.21
data 0.1s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 1.5
m/z = 566.08
m/z = 566.11
data 0.1s
rep 1
rep 2
rep 3
rep 4
Env res: 1.50
data 0.8s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.0
m/z = 566.22
m/z = 566.27
Env res: 1.30
data 0.8s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 1.9
m/z = 566.20
m/z = 566.24
Env res: 1.37
data 0.8s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 1.9
m/z = 566.20
m/z = 566.24
Env res: 1.42
data 0.8s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 1.9
m/z = 566.20
m/z = 566.22
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 1.25
data 4.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 1.8
m/z = 566.19
m/z = 566.22
Env res: 1.12
data 4.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 1.6
m/z = 566.15
m/z = 566.17
Env res: 1.06
data 4.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 1.4
m/z = 566.12
m/z = 566.14
Env res: 1.22
data 4.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 1.8
m/z = 566.19
m/z = 566.20
data 4.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.28
data 60.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.7
m/z = 566.43
m/z = 566.49
Env res: 1.24
data 60.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.8
m/z = 566.46
m/z = 566.50
Env res: 1.36
data 60.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.9
m/z = 566.49
m/z = 566.49
Env res: 1.27
data 60.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.8
m/z = 566.46
m/z = 566.48
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.36
data 1800.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.6
m/z = 567.00
m/z = 566.99
Env res: 1.35
data 1800.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.6
m/z = 566.99
m/z = 567.00
Env res: 1.34
data 1800.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.7
m/z = 567.00
m/z = 567.00
Env res: 1.35
data 1800.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.7
m/z = 567.01
m/z = 567.00
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.41
data 72000.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.6
m/z = 567.27
m/z = 567.29
Env res: 1.30
data 72000.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.6
m/z = 567.26
m/z = 567.29
Env res: 1.38
data 72000.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.7
m/z = 567.31
m/z = 567.31
Env res: 1.31
data 72000.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.6
m/z = 567.26
m/z = 567.26
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.46
data FullDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 8.2
m/z = 568.01
m/z = 567.98
Env res: 1.45
data FullDeut, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 7.9
m/z = 567.93
m/z = 567.96
Env res: 1.47
data FullDeut, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 7.9
m/z = 567.93
m/z = 567.95
data FullDeut
rep 1
rep 2
rep 3
Intensity
m/z

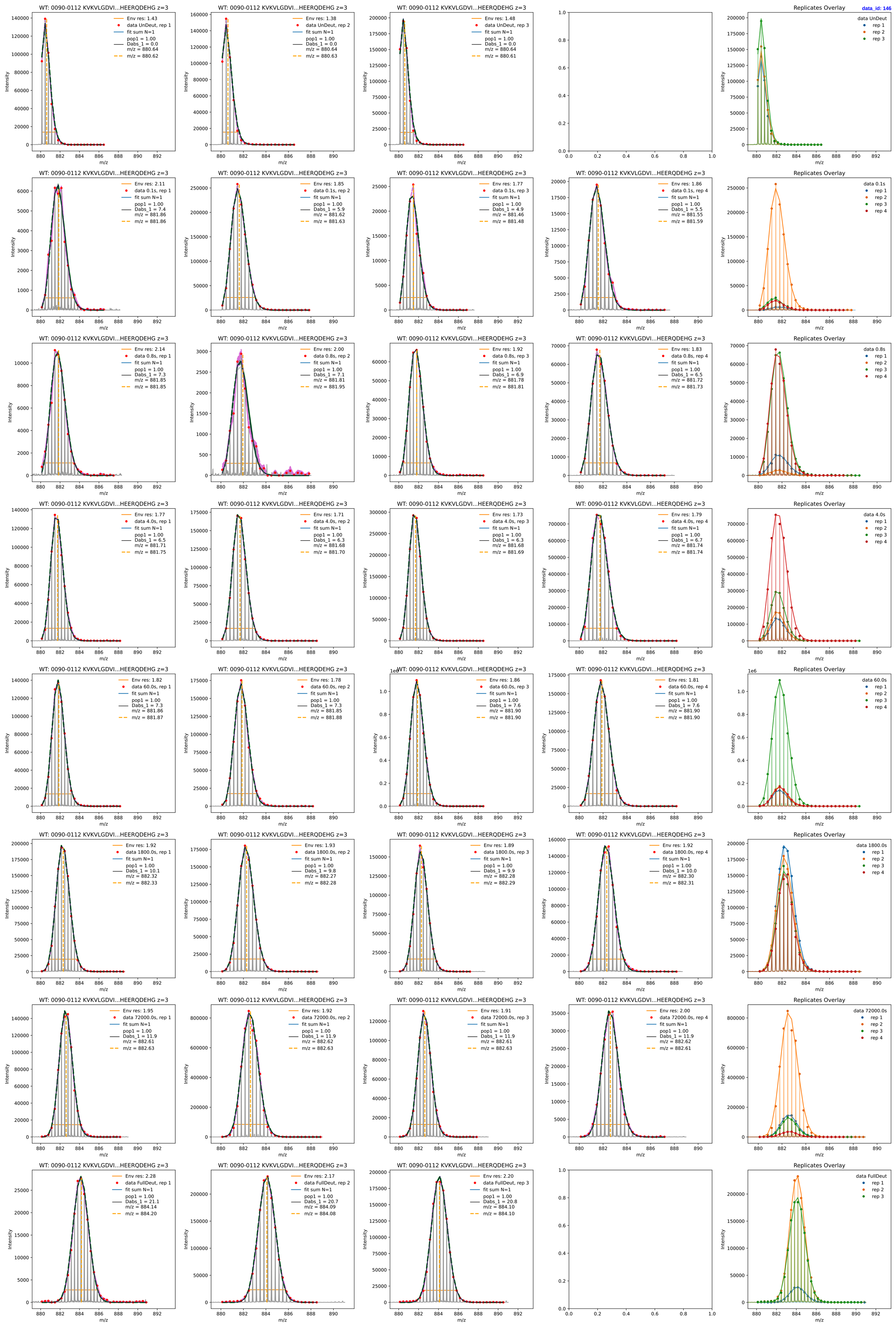
data_id: 140
WT: 0087-0096 EELKVKVLGD z=2
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
Replicates Overlay
UnDeut
1_pop0
2_pop0
3_pop0
0.1s, rep1
0.1s, rep2
0.1s, rep3
0.1s, rep4
0.1s
4_pop0
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
0.8s
4.0s, rep1
4.0s, rep2
4.0s, rep3
4.0s, rep4
4.0s
60.0s, rep1
60.0s, 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, rep3
FullDeut
pop0
Centroid
population
Absolute Deuterium Level (Da)


WT: 0087-0096 EELKVKVLGD z=2
data_id: 140
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4

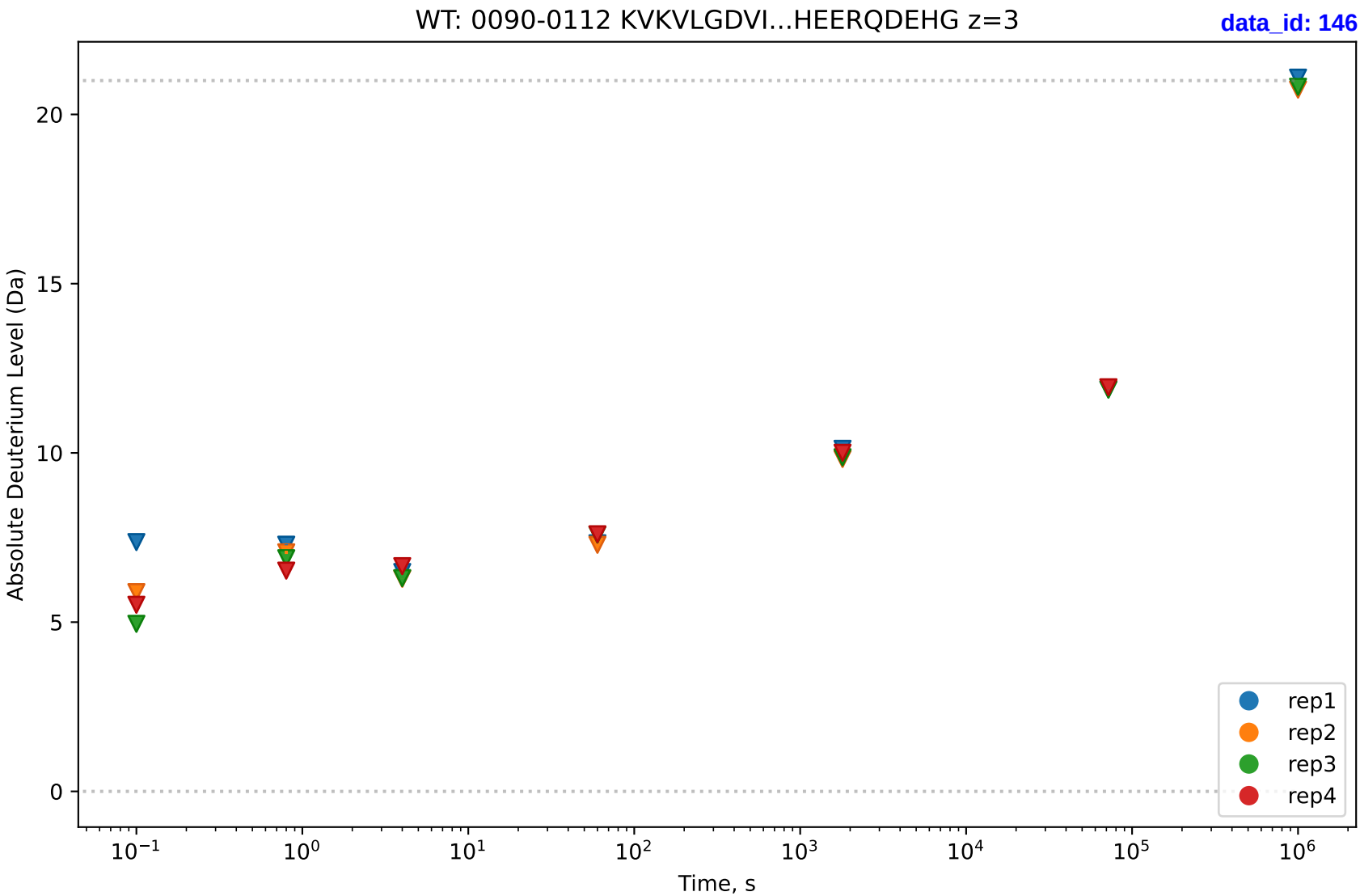

data_id: 143
WT: 0089-0096 LKVKVLGD z=2
Env res: 1.16
data UnDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.5
m/z = 436.67
m/z = 436.66
Env res: 1.18
data UnDeut, rep 2
Dabs_1 = 0.5
m/z = 436.69
Env res: 1.16
data UnDeut, rep 3
Dabs_1 = 0.4
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 1.44
data 0.1s, rep 1
Dabs_1 = 2.5
m/z = 437.24
m/z = 437.22
Env res: 1.36
data 0.1s, rep 2
Dabs_1 = 1.3
m/z = 436.91
m/z = 436.90
Env res: 1.47
data 0.1s, rep 3
Dabs_1 = 1.5
m/z = 436.96
m/z = 436.95
Env res: 1.52
data 0.1s, rep 4
Dabs_1 = 1.7
m/z = 437.00
m/z = 437.01
data 0.1s
rep 1
rep 2
rep 3
rep 4
Env res: 1.41
data 0.8s, rep 1
Dabs_1 = 2.2
m/z = 437.14
m/z = 437.13
Env res: 1.60
data 0.8s, rep 2
Dabs_1 = 2.2
m/z = 437.15
m/z = 437.13
Env res: 1.53
data 0.8s, rep 3
Dabs_1 = 2.0
m/z = 437.10
m/z = 437.09
Env res: 1.58
data 0.8s, rep 4
Dabs_1 = 1.9
m/z = 437.07
m/z = 437.08
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 1.20
data 4.0s, rep 1
Dabs_1 = 1.8
m/z = 437.03
m/z = 437.04
Env res: 1.62
data 4.0s, rep 2
Dabs_1 = 1.7
m/z = 437.02
m/z = 437.05
Env res: 1.64
data 4.0s, rep 3
Dabs_1 = 1.7
m/z = 437.03
m/z = 437.06
Env res: 1.50
data 4.0s, rep 4
Dabs_1 = 2.0
m/z = 437.11
m/z = 437.11
data 4.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.69
data 60.0s, rep 1
Dabs_1 = 2.8
m/z = 437.31
m/z = 437.35
Env res: 1.64
data 60.0s, rep 2
Dabs_1 = 3.1
m/z = 437.40
m/z = 437.39
Env res: 1.70
data 60.0s, rep 3
Dabs_1 = 2.7
m/z = 437.30
m/z = 437.33
Env res: 1.72
data 60.0s, rep 4
Dabs_1 = 3.1
m/z = 437.39
m/z = 437.37
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.43
data 1800.0s, rep 1
Dabs_1 = 4.6
m/z = 437.81
m/z = 437.83
Env res: 1.42
data 1800.0s, rep 2
Dabs_1 = 4.9
m/z = 437.91
m/z = 437.87
Env res: 1.39
data 1800.0s, rep 3
Dabs_1 = 4.8
m/z = 437.87
m/z = 437.84
Env res: 1.43
data 1800.0s, rep 4
Dabs_1 = 4.8
m/z = 437.87
m/z = 437.85
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.42
data 72000.0s, rep 1
Dabs_1 = 5.3
m/z = 438.02
m/z = 437.99
Env res: 1.42
data 72000.0s, rep 2
Dabs_1 = 5.3
m/z = 438.02
m/z = 438.00
Env res: 1.41
data 72000.0s, rep 3
Dabs_1 = 5.3
m/z = 438.02
m/z = 438.00
Env res: 1.42
data 72000.0s, rep 4
Dabs_1 = 5.2
m/z = 437.99
m/z = 437.98
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.42
data FullDeut, rep 1
Dabs_1 = 6.5
m/z = 438.35
m/z = 438.33
Env res: 1.32
data FullDeut, rep 2
Dabs_1 = 6.3
m/z = 438.28
m/z = 438.28
Env res: 1.34
data FullDeut, rep 3
Dabs_1 = 6.4
m/z = 438.31
m/z = 438.30
data FullDeut
rep 1
rep 2
rep 3
Intensity
m/z

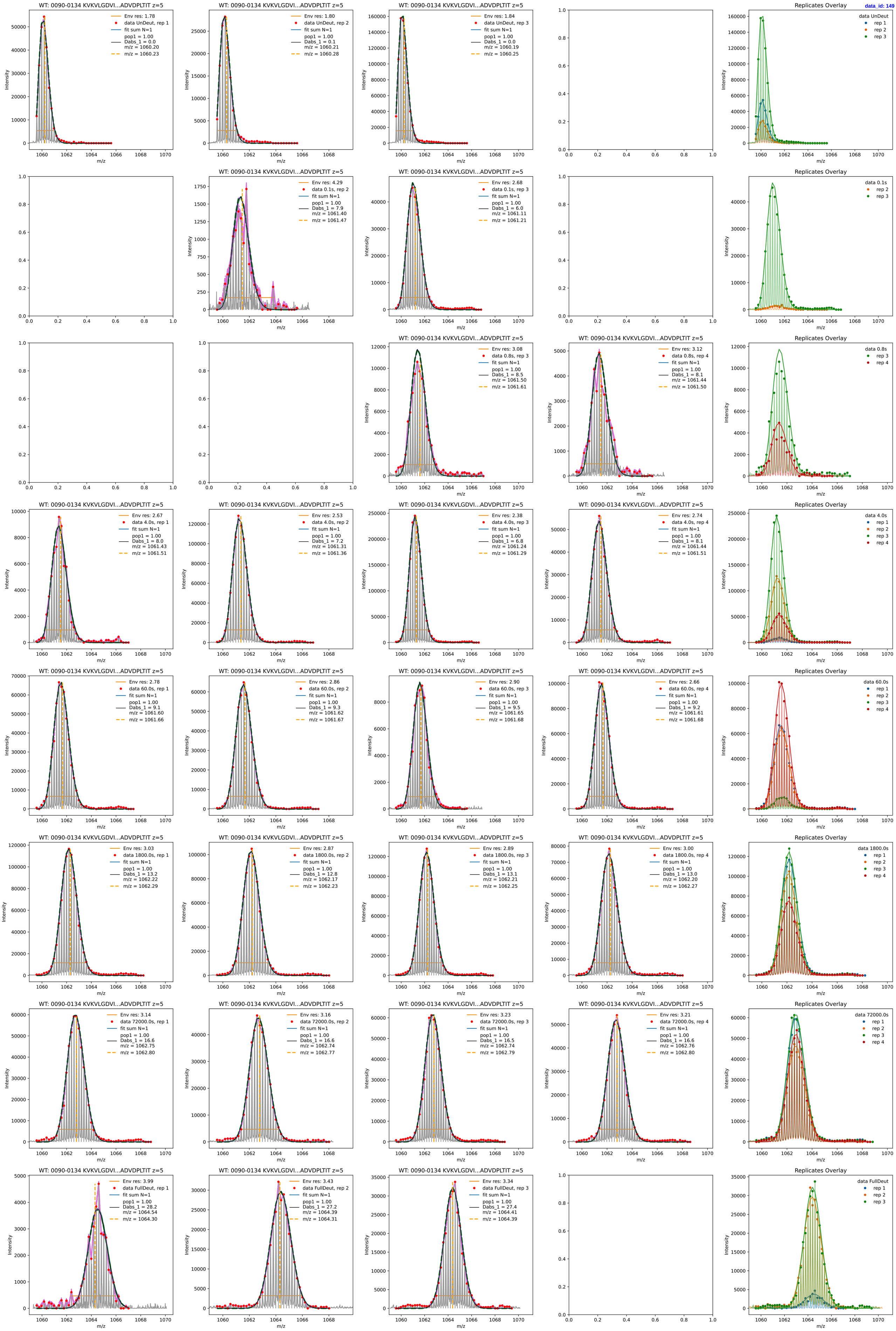
data_id: 143
WT: 0089-0096 LKVKVLGD z=2
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
0.1s, rep1
0.1s, rep2
0.1s, rep3
0.1s, rep4
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
4.0s, rep1
4.0s, rep2
4.0s, rep3
4.0s, rep4
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, rep4
1800.0s, rep1
1800.0s, rep2
1800.0s, rep3
1800.0s, rep4
72000.0s, rep1
72000.0s, rep2
72000.0s, rep3
72000.0s, rep4
FullDeut, rep1
FullDeut, rep2
FullDeut, rep3
pop0
Centroid
Replicates Overlay
UnDeut
0.1s
0.8s
4.0s
60.0s
1800.0s
72000.0s
FullDeut
1_pop0
2_pop0
3_pop0
4_pop0
population
Absolute Deuterium Level (Da)


WT: 0089-0096 LKVKVLGD z=2
data_id: 143
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4

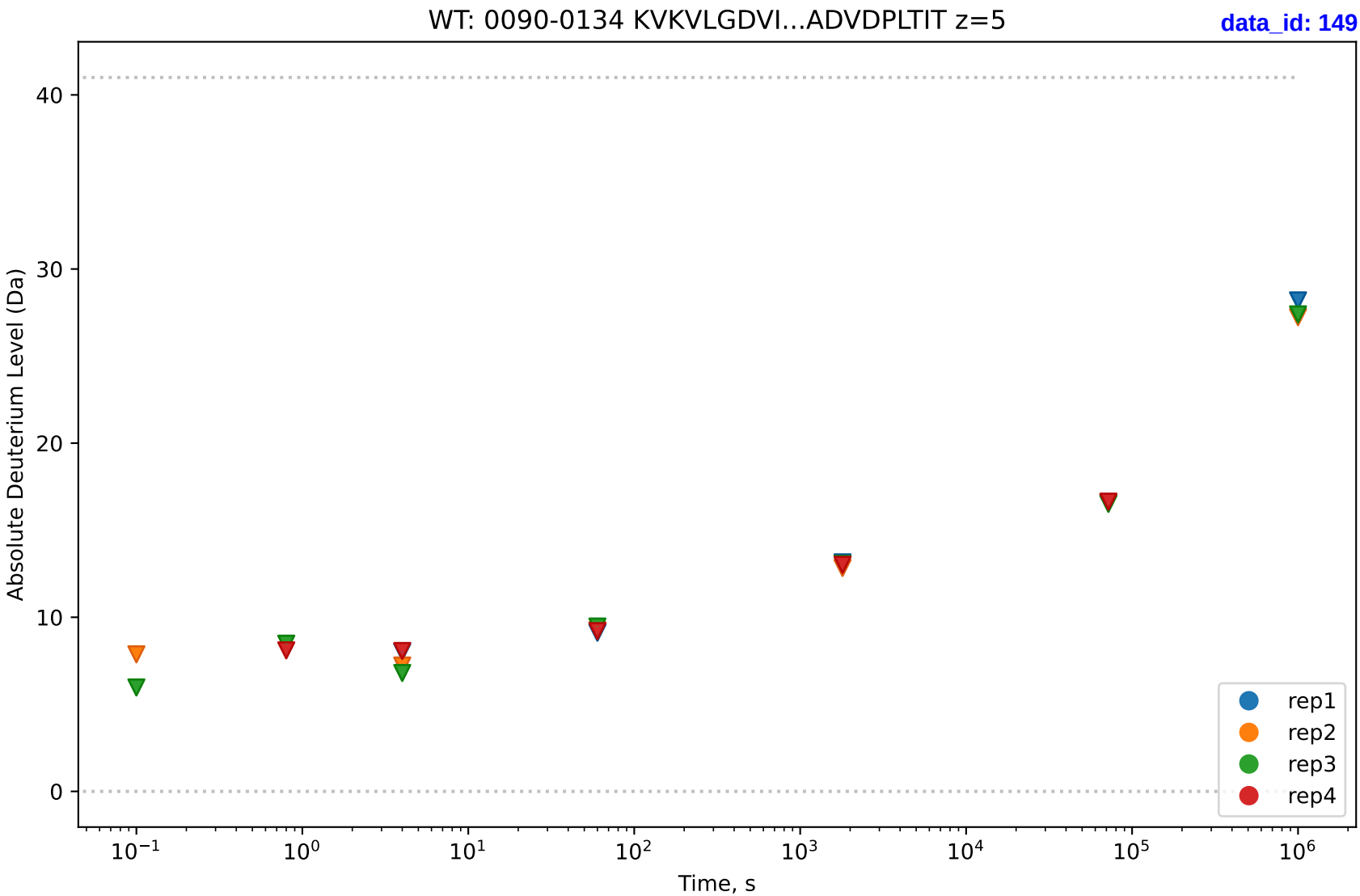

data_id: 146
WT: 0090-0112 KVKVLGDVI...HEERQDEHG z=3
Env res: 1.43
data UnDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.0
m/z = 880.64
m/z = 880.62
Env res: 1.38
data UnDeut, rep 2
m/z = 880.63
Env res: 1.48
data UnDeut, rep 3
m/z = 880.61
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 2.11
data 0.1s, rep 1
Dabs_1 = 7.4
m/z = 881.86
m/z = 881.86
Env res: 1.85
data 0.1s, rep 2
Dabs_1 = 5.9
m/z = 881.62
m/z = 881.63
Env res: 1.77
data 0.1s, rep 3
Dabs_1 = 4.9
m/z = 881.46
m/z = 881.48
Env res: 1.86
data 0.1s, rep 4
Dabs_1 = 5.5
m/z = 881.55
m/z = 881.59
data 0.1s
rep 1
rep 2
rep 3
rep 4
Env res: 2.14
data 0.8s, rep 1
Dabs_1 = 7.3
m/z = 881.85
m/z = 881.85
Env res: 2.00
data 0.8s, rep 2
Dabs_1 = 7.1
m/z = 881.81
m/z = 881.95
Env res: 1.92
data 0.8s, rep 3
Dabs_1 = 6.9
m/z = 881.78
m/z = 881.81
Env res: 1.83
data 0.8s, rep 4
Dabs_1 = 6.5
m/z = 881.72
m/z = 881.73
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 1.77
data 4.0s, rep 1
Dabs_1 = 6.5
m/z = 881.71
m/z = 881.75
Env res: 1.71
data 4.0s, rep 2
Dabs_1 = 6.3
m/z = 881.68
m/z = 881.70
Env res: 1.73
data 4.0s, rep 3
Dabs_1 = 6.3
m/z = 881.68
m/z = 881.69
Env res: 1.79
data 4.0s, rep 4
Dabs_1 = 6.7
m/z = 881.74
m/z = 881.74
data 4.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.82
data 60.0s, rep 1
Dabs_1 = 7.3
m/z = 881.86
m/z = 881.87
Env res: 1.78
data 60.0s, rep 2
Dabs_1 = 7.3
m/z = 881.85
m/z = 881.88
Env res: 1.86
data 60.0s, rep 3
Dabs_1 = 7.6
m/z = 881.90
m/z = 881.90
Env res: 1.81
data 60.0s, rep 4
Dabs_1 = 7.6
m/z = 881.90
m/z = 881.90
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.92
data 1800.0s, rep 1
Dabs_1 = 10.1
m/z = 882.32
m/z = 882.33
Env res: 1.93
data 1800.0s, rep 2
Dabs_1 = 9.8
m/z = 882.27
m/z = 882.28
Env res: 1.89
data 1800.0s, rep 3
Dabs_1 = 9.9
m/z = 882.28
m/z = 882.29
Env res: 1.92
data 1800.0s, rep 4
Dabs_1 = 10.0
m/z = 882.30
m/z = 882.31
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.95
data 72000.0s, rep 1
Dabs_1 = 11.9
m/z = 882.61
m/z = 882.63
Env res: 1.92
data 72000.0s, rep 2
Dabs_1 = 11.9
m/z = 882.62
m/z = 882.63
Env res: 1.91
data 72000.0s, rep 3
Dabs_1 = 11.9
m/z = 882.61
m/z = 882.63
Env res: 2.00
data 72000.0s, rep 4
Dabs_1 = 11.9
m/z = 882.62
m/z = 882.61
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 2.28
data FullDeut, rep 1
Dabs_1 = 21.1
m/z = 884.14
m/z = 884.20
Env res: 2.17
data FullDeut, rep 2
Dabs_1 = 20.7
m/z = 884.09
m/z = 884.08
Env res: 2.20
data FullDeut, rep 3
Dabs_1 = 20.8
m/z = 884.10
m/z = 884.10
data FullDeut
rep 1
rep 2
rep 3
Intensity
m/z

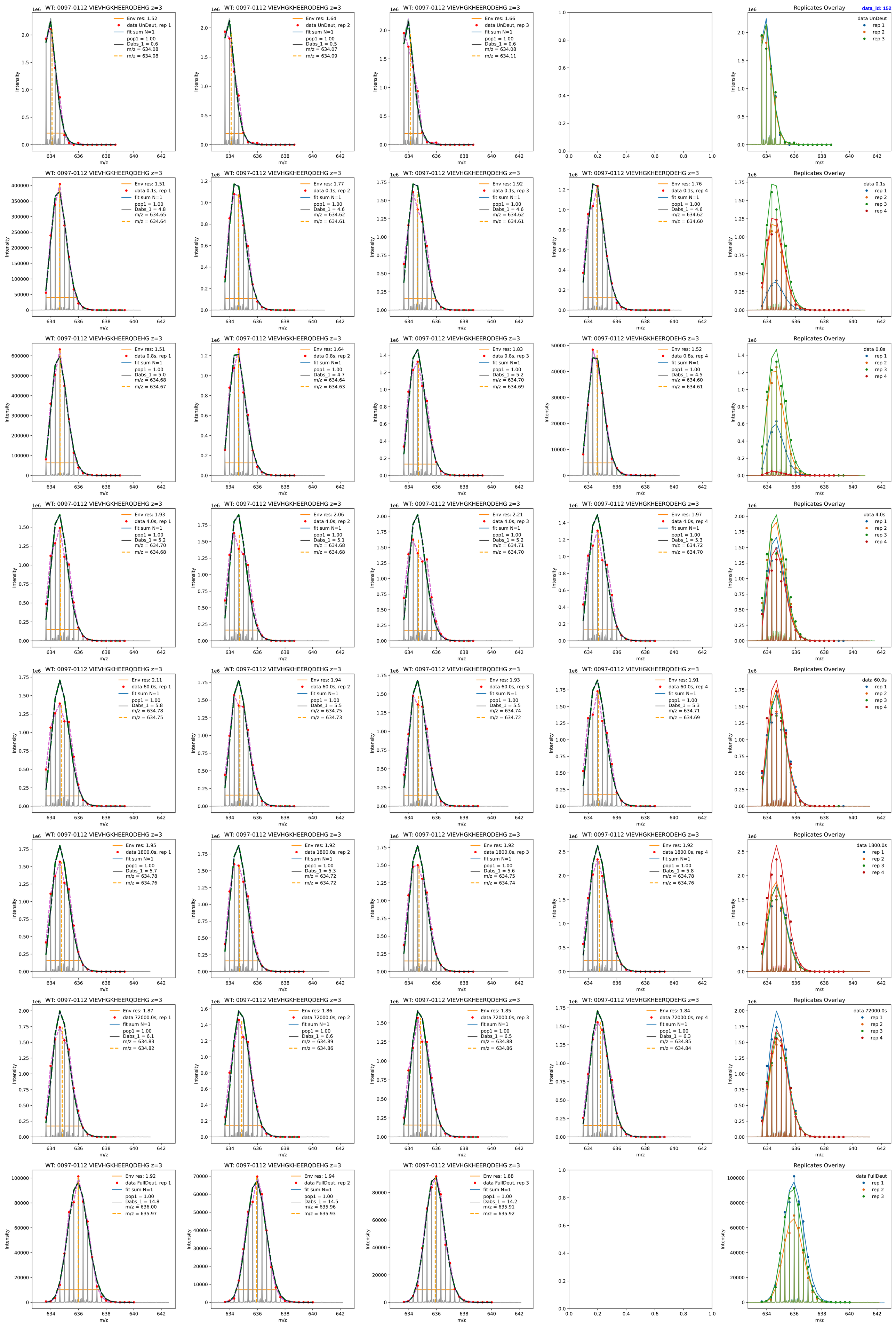
data_id: 146
WT: 0090-0112 KVKVLGDVI...HEERQDEHG z=3
Replicates Overlay
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
0.1s, rep1
0.1s, rep2
0.1s, rep3
0.1s, rep4
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
4.0s, rep1
4.0s, rep2
4.0s, rep3
4.0s, rep4
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, rep4
1800.0s, rep1
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
FullDeut, rep3
UnDeut
0.1s
0.8s
4.0s
60.0s
1800.0s
72000.0s
FullDeut
1_pop0
2_pop0
3_pop0
4_pop0
pop0
Centroid
population
Absolute Deuterium Level (Da)


WT: 0090-0112 KVKVLGDVI...HEERQDEHG z=3
data_id: 146
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4

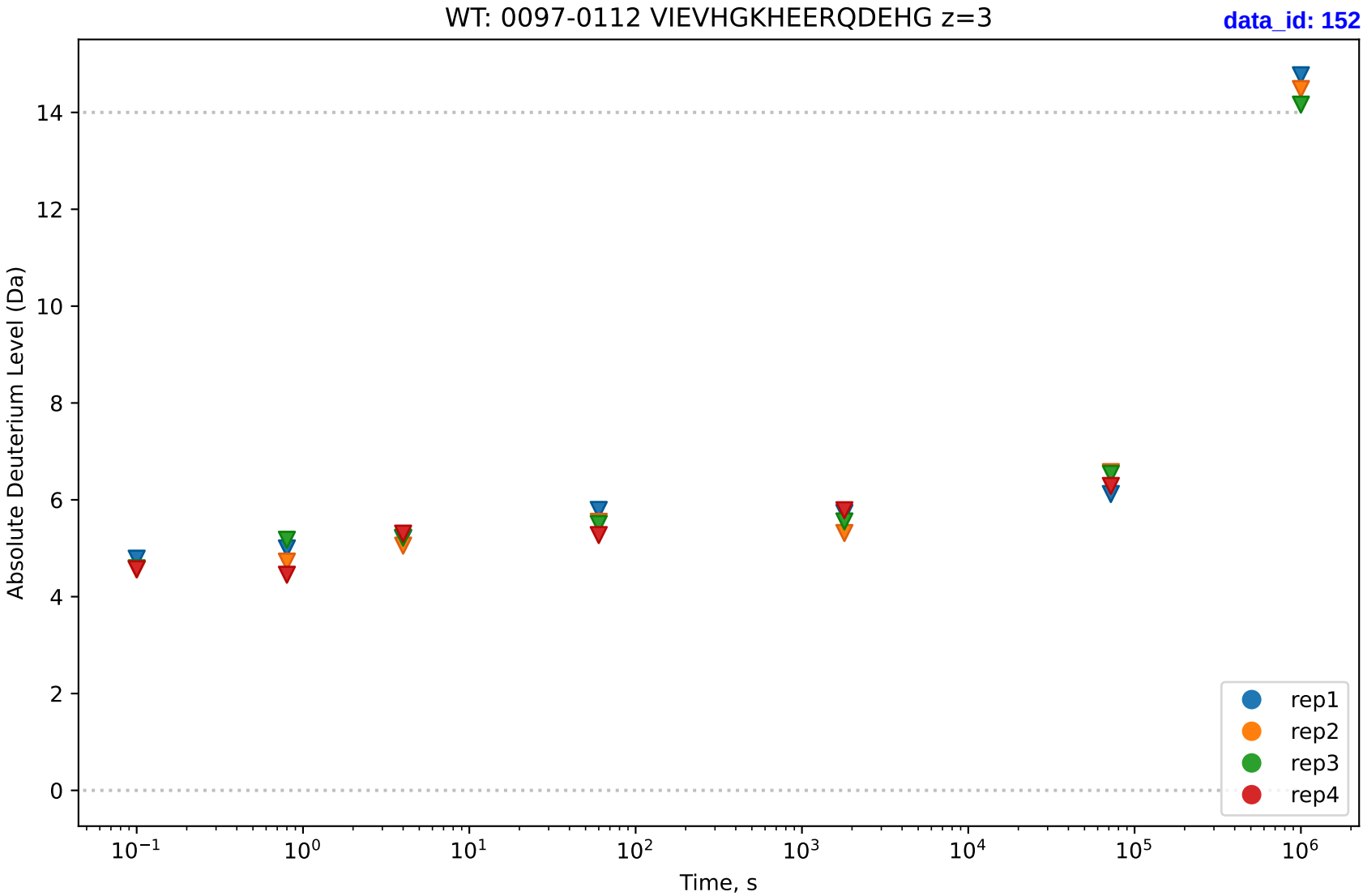

data_id: 149
WT: 0090-0134 KVKVLGDVI...ADVDPLTIT z=5
Env res: 1.78
data UnDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.0
m/z = 1060.20
m/z = 1060.23
Env res: 1.80
data UnDeut, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.1
m/z = 1060.21
m/z = 1060.28
Env res: 1.84
data UnDeut, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.0
m/z = 1060.19
m/z = 1060.25
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 4.29
data 0.1s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 7.9
m/z = 1061.40
m/z = 1061.47
Env res: 2.68
data 0.1s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 6.0
m/z = 1061.11
m/z = 1061.21
data 0.1s
rep 2
rep 3
Env res: 3.08
data 0.8s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 8.5
m/z = 1061.50
m/z = 1061.61
Env res: 3.12
data 0.8s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 8.1
m/z = 1061.44
m/z = 1061.50
data 0.8s
rep 3
rep 4
Env res: 2.67
data 4.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 8.0
m/z = 1061.43
m/z = 1061.51
Env res: 2.53
data 4.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 7.2
m/z = 1061.31
m/z = 1061.36
Env res: 2.38
data 4.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 6.8
m/z = 1061.24
m/z = 1061.29
Env res: 2.74
data 4.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 8.1
m/z = 1061.44
m/z = 1061.51
data 4.0s
rep 1
rep 2
rep 3
rep 4
Env res: 2.78
data 60.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 9.1
m/z = 1061.60
m/z = 1061.66
Env res: 2.86
data 60.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 9.3
m/z = 1061.62
m/z = 1061.67
Env res: 2.90
data 60.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 9.5
m/z = 1061.65
m/z = 1061.68
Env res: 2.66
data 60.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 9.2
m/z = 1061.61
m/z = 1061.68
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 3.03
data 1800.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 13.2
m/z = 1062.22
m/z = 1062.29
Env res: 2.87
data 1800.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 12.8
m/z = 1062.17
m/z = 1062.23
Env res: 2.89
data 1800.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 13.1
m/z = 1062.21
m/z = 1062.25
Env res: 3.00
data 1800.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 13.0
m/z = 1062.20
m/z = 1062.27
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 3.14
data 72000.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 16.6
m/z = 1062.75
m/z = 1062.80
Env res: 3.16
data 72000.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 16.6
m/z = 1062.74
m/z = 1062.77
Env res: 3.23
data 72000.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 16.5
m/z = 1062.74
m/z = 1062.79
Env res: 3.21
data 72000.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 16.6
m/z = 1062.76
m/z = 1062.80
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 3.99
data FullDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 28.2
m/z = 1064.54
m/z = 1064.30
Env res: 3.43
data FullDeut, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 27.2
m/z = 1064.39
m/z = 1064.31
Env res: 3.34
data FullDeut, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 27.4
m/z = 1064.41
m/z = 1064.39
data FullDeut
rep 1
rep 2
rep 3
Intensity
m/z

data_id: 149
WT: 0090-0134 KVKVLGDVI...ADVDPLTIT z=5
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
Replicates Overlay
UnDeut
1_pop0
2_pop0
3_pop0
0.1s, rep2
0.1s, rep3
0.1s
0.8s, rep3
0.8s, rep4
0.8s
4_pop0
4.0s, rep1
4.0s, rep2
4.0s, rep3
4.0s, rep4
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, rep3
FullDeut
pop0
Centroid
population
Absolute Deuterium Level (Da)

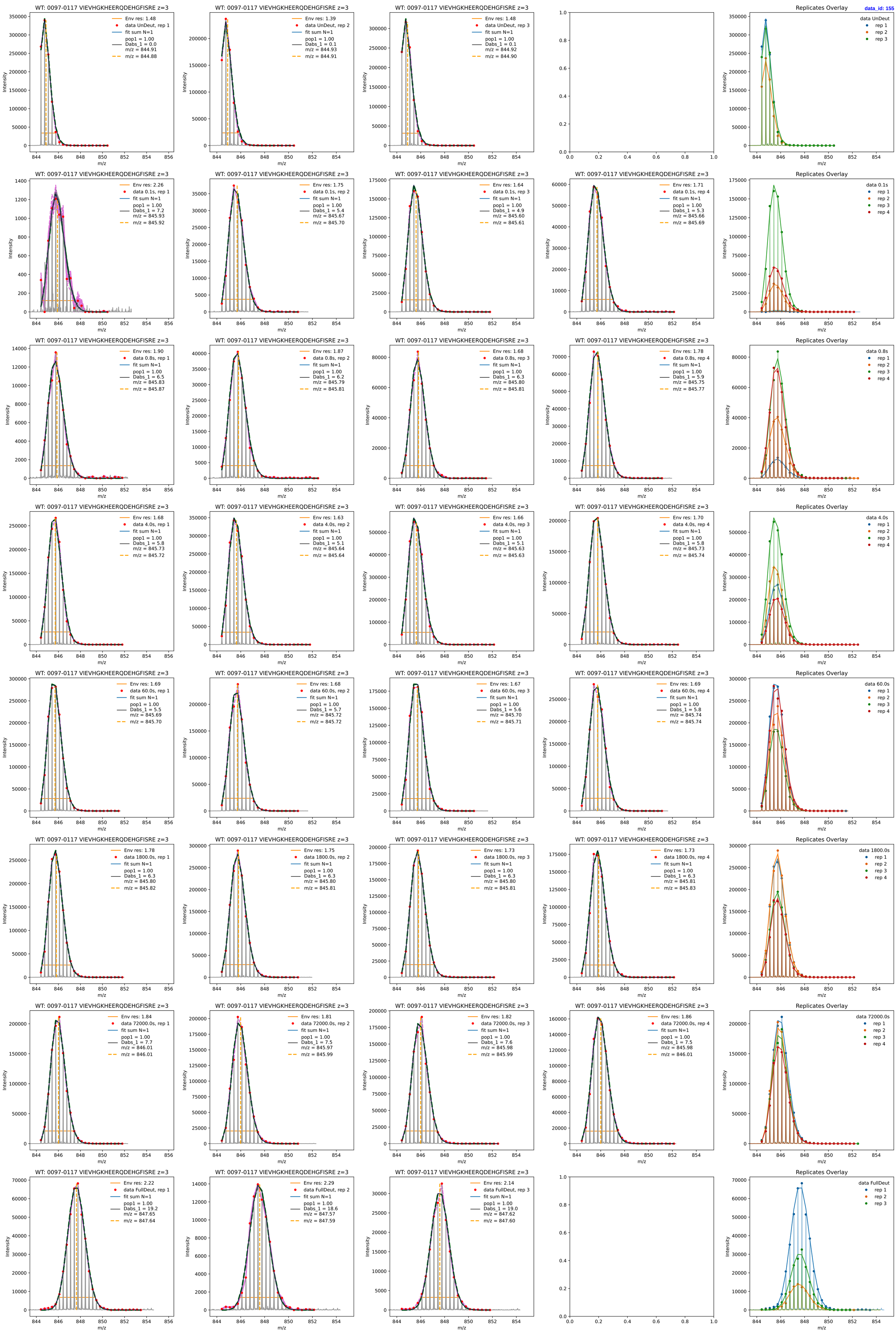

WT: 0090-0134 KVKVLGDVI...ADVDPLTIT z=5
data_id: 149
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4


data_id: 152
WT: 0097-0112 VIEVHGKHEERQDEHG z=3
Env res: 1.52
data UnDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.6
m/z = 634.08
m/z = 634.08
Env res: 1.64
data UnDeut, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.5
m/z = 634.07
m/z = 634.09
Env res: 1.66
data UnDeut, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.6
m/z = 634.08
m/z = 634.11
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 1.51
data 0.1s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.8
m/z = 634.65
m/z = 634.64
Env res: 1.77
data 0.1s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.6
m/z = 634.62
m/z = 634.61
Env res: 1.92
data 0.1s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.6
m/z = 634.62
m/z = 634.61
Env res: 1.76
data 0.1s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.6
m/z = 634.62
m/z = 634.60
data 0.1s
rep 1
rep 2
rep 3
rep 4
Env res: 1.51
data 0.8s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.0
m/z = 634.68
m/z = 634.67
Env res: 1.64
data 0.8s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.7
m/z = 634.64
m/z = 634.63
Env res: 1.83
data 0.8s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.2
m/z = 634.70
m/z = 634.69
Env res: 1.52
data 0.8s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.5
m/z = 634.60
m/z = 634.61
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 1.93
data 4.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.2
m/z = 634.70
m/z = 634.68
Env res: 2.06
data 4.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.1
m/z = 634.68
m/z = 634.68
Env res: 2.21
data 4.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.2
m/z = 634.71
m/z = 634.70
Env res: 1.97
data 4.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.3
m/z = 634.72
m/z = 634.70
data 4.0s
rep 1
rep 2
rep 3
rep 4
Env res: 2.11
data 60.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.8
m/z = 634.78
m/z = 634.75
Env res: 1.94
data 60.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.5
m/z = 634.75
m/z = 634.73
Env res: 1.93
data 60.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.5
m/z = 634.74
m/z = 634.72
Env res: 1.91
data 60.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.3
m/z = 634.71
m/z = 634.69
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.95
data 1800.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.7
m/z = 634.78
m/z = 634.76
Env res: 1.92
data 1800.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.3
m/z = 634.72
m/z = 634.72
Env res: 1.92
data 1800.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.6
m/z = 634.75
m/z = 634.74
Env res: 1.92
data 1800.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.8
m/z = 634.78
m/z = 634.76
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.87
data 72000.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 6.1
m/z = 634.83
m/z = 634.82
Env res: 1.86
data 72000.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 6.6
m/z = 634.89
m/z = 634.86
Env res: 1.85
data 72000.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 6.5
m/z = 634.88
m/z = 634.86
Env res: 1.84
data 72000.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 6.3
m/z = 634.85
m/z = 634.84
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.92
data FullDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 14.8
m/z = 636.00
m/z = 635.97
Env res: 1.94
data FullDeut, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 14.5
m/z = 635.96
m/z = 635.93
Env res: 1.88
data FullDeut, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 14.2
m/z = 635.91
m/z = 635.92
data FullDeut
rep 1
rep 2
rep 3
Intensity
m/z
1e6

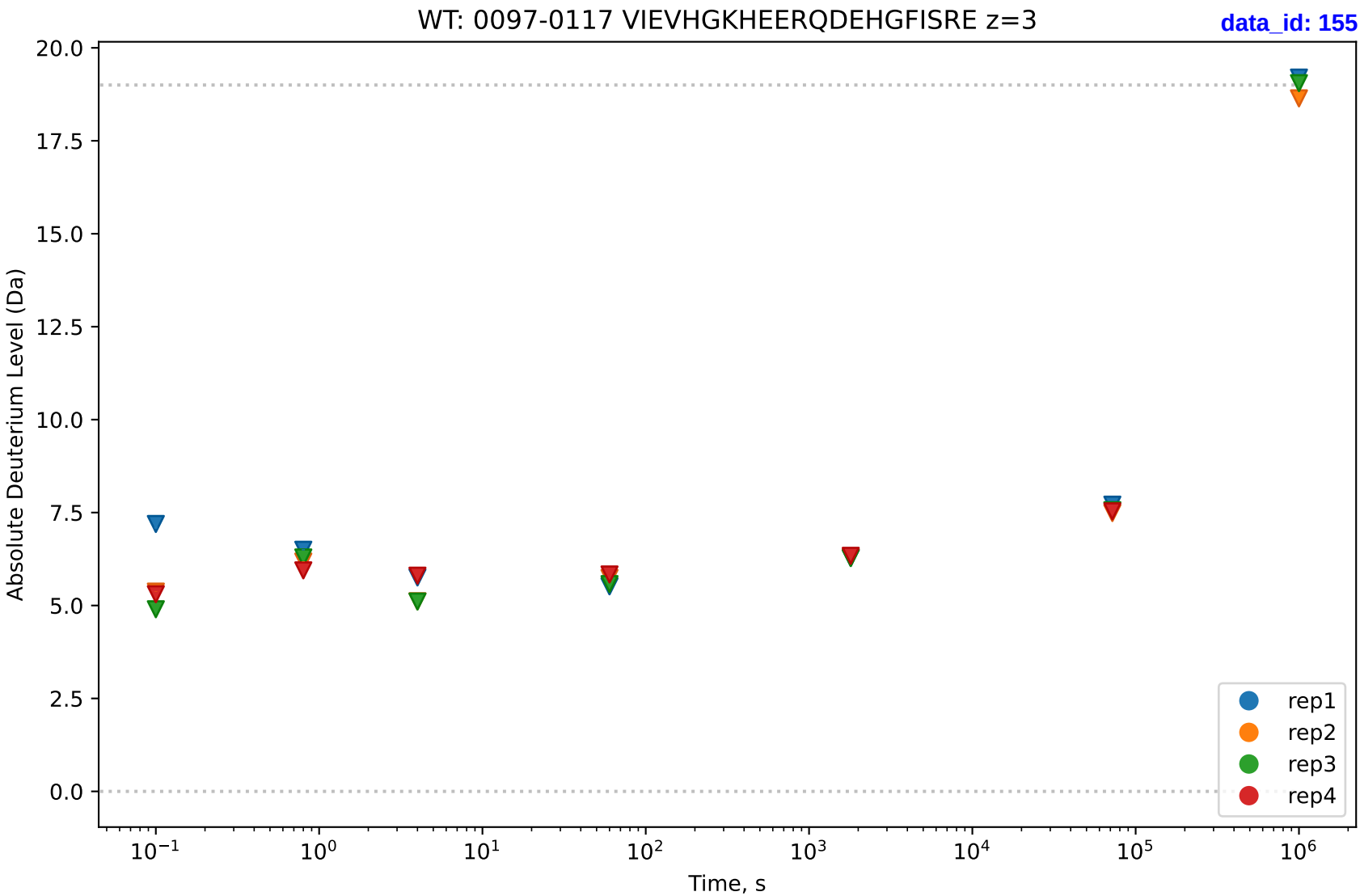
data_id: 152
WT: 0097-0112 VIEVHGKHEERQDEHG z=3
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
Replicates Overlay
UnDeut
0.1s, rep1
0.1s, rep2
0.1s, rep3
0.1s, rep4
0.1s
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
0.8s
4.0s, rep1
4.0s, rep2
4.0s, rep3
4.0s, rep4
4.0s
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, 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, rep3
FullDeut
pop0
1_pop0
2_pop0
3_pop0
4_pop0
Centroid
population
Absolute Deuterium Level (Da)

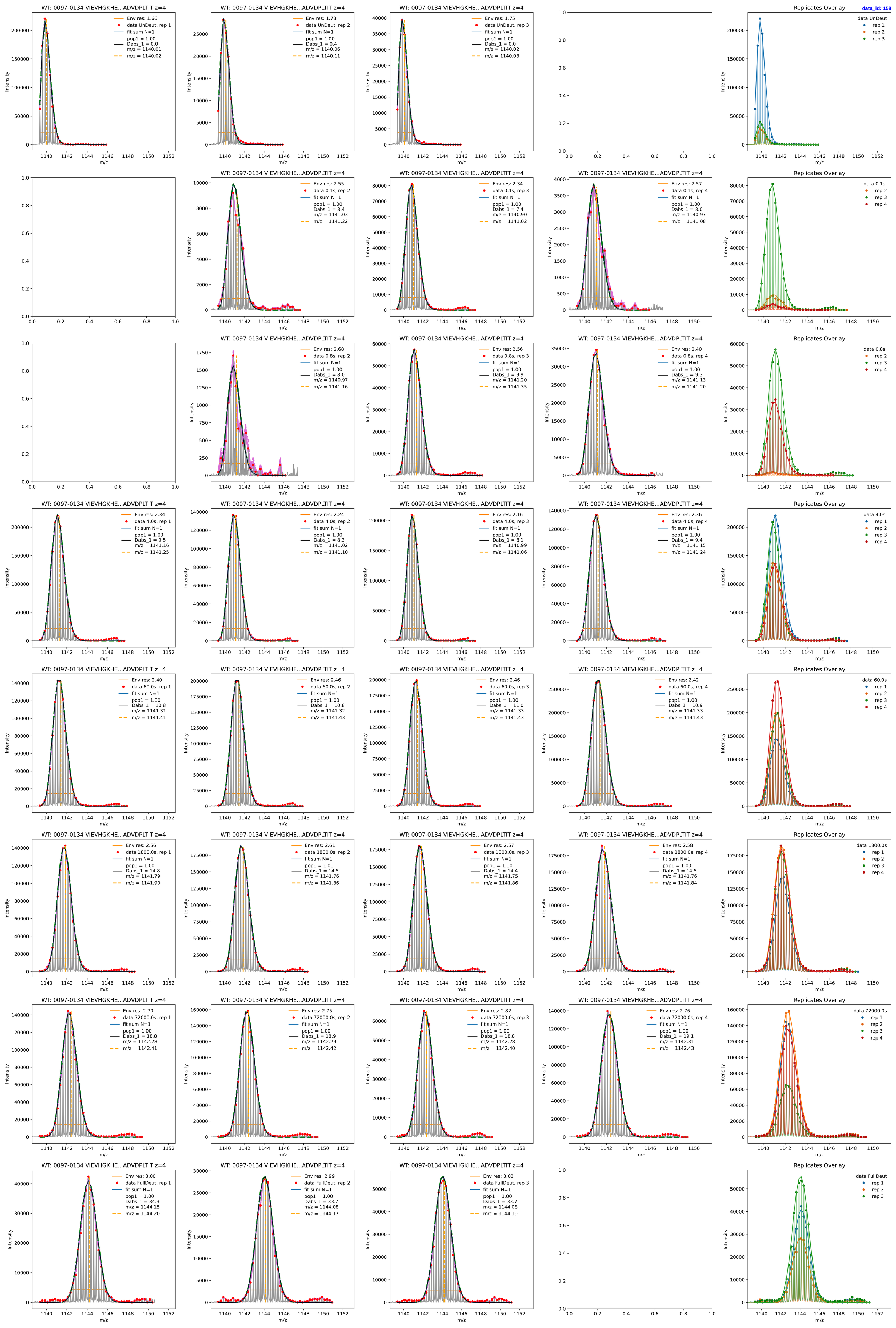

WT: 0097-0112 VIEVHGKHEERQDEHG z=3
data_id: 152
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4

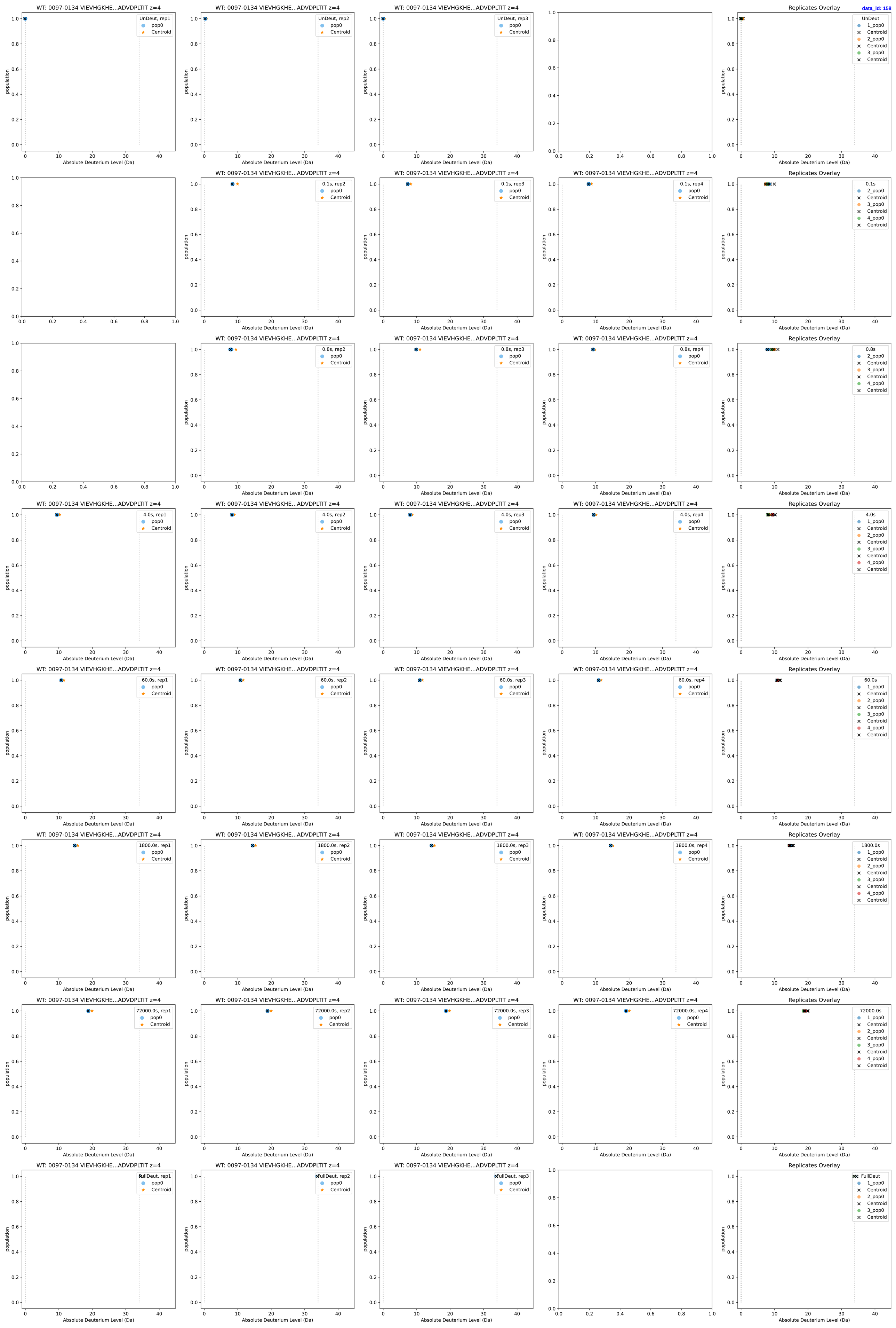
data_id: 155

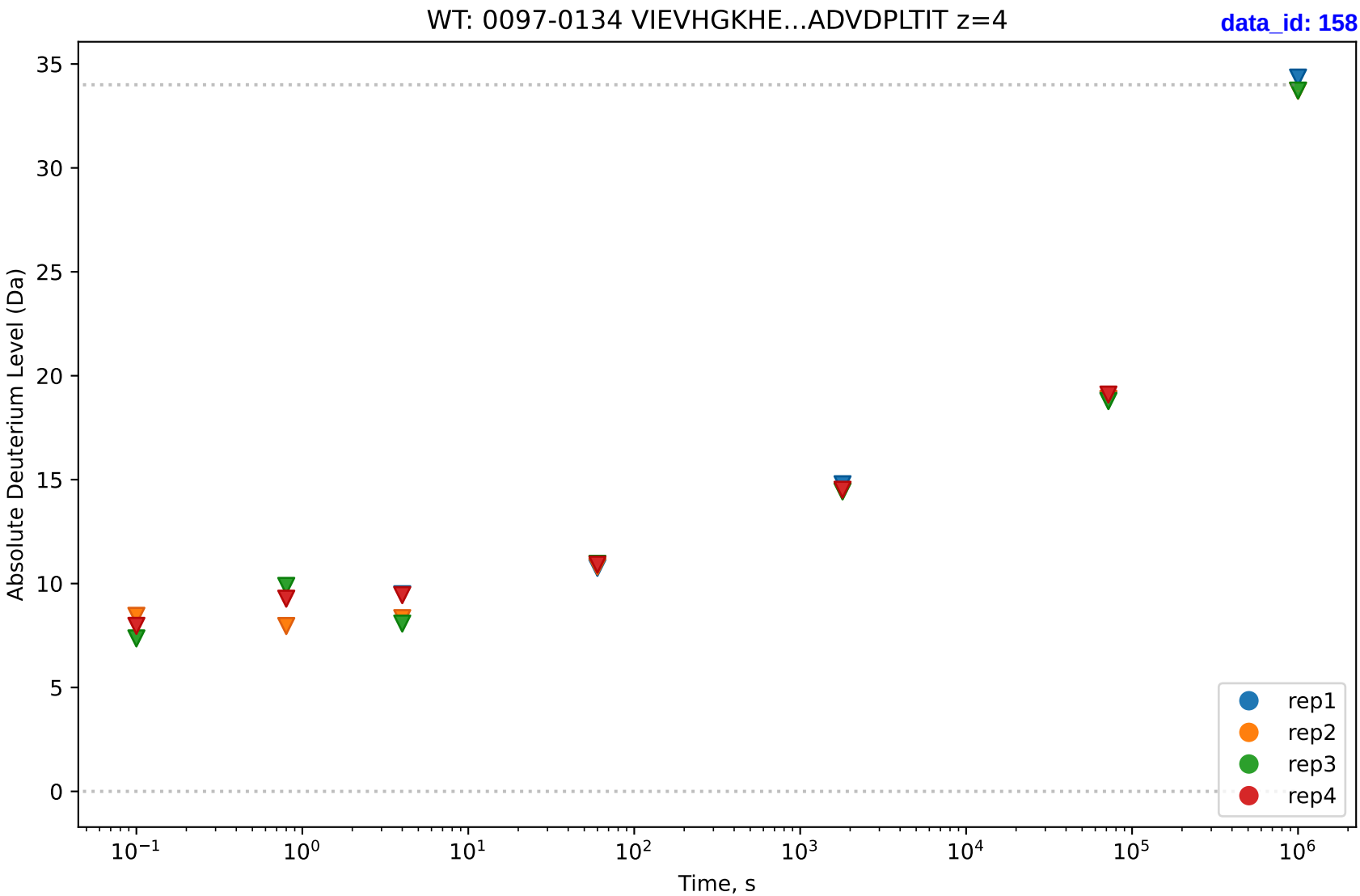

WT: 0097-0117 VIEVHGKHEERQDEHGFISRE z=3
Env res: 1.48
data UnDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.0
m/z = 844.91
m/z = 844.88
Env res: 1.39
data UnDeut, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.1
m/z = 844.93
m/z = 844.91
Env res: 1.48
data UnDeut, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.1
m/z = 844.92
m/z = 844.90
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 2.26
data 0.1s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 7.2
m/z = 845.93
m/z = 845.92
Env res: 1.75
data 0.1s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.4
m/z = 845.67
m/z = 845.70
Env res: 1.64
data 0.1s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.9
m/z = 845.60
m/z = 845.61
Env res: 1.71
data 0.1s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.3
m/z = 845.66
m/z = 845.69
data 0.1s
rep 1
rep 2
rep 3
rep 4
Env res: 1.90
data 0.8s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 6.5
m/z = 845.83
m/z = 845.87
Env res: 1.87
data 0.8s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 6.2
m/z = 845.79
m/z = 845.81
Env res: 1.68
data 0.8s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 6.3
m/z = 845.80
m/z = 845.81
Env res: 1.78
data 0.8s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.9
m/z = 845.75
m/z = 845.77
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 1.68
data 4.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.8
m/z = 845.73
m/z = 845.72
Env res: 1.63
data 4.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.1
m/z = 845.64
m/z = 845.64
Env res: 1.66
data 4.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.1
m/z = 845.63
m/z = 845.63
Env res: 1.70
data 4.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.8
m/z = 845.73
m/z = 845.74
data 4.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.69
data 60.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.5
m/z = 845.69
m/z = 845.70
Env res: 1.68
data 60.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.7
m/z = 845.72
m/z = 845.72
Env res: 1.67
data 60.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.6
m/z = 845.70
m/z = 845.71
Env res: 1.69
data 60.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.8
m/z = 845.74
m/z = 845.74
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.78
data 1800.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 6.3
m/z = 845.80
m/z = 845.82
Env res: 1.75
data 1800.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 6.3
m/z = 845.80
m/z = 845.81
Env res: 1.73
data 1800.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 6.3
m/z = 845.80
m/z = 845.81
Env res: 1.73
data 1800.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 6.3
m/z = 845.81
m/z = 845.83
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.84
data 72000.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 7.7
m/z = 846.01
m/z = 846.01
Env res: 1.81
data 72000.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 7.5
m/z = 845.97
m/z = 845.99
Env res: 1.82
data 72000.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 7.6
m/z = 845.98
m/z = 845.99
Env res: 1.86
data 72000.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 7.5
m/z = 845.98
m/z = 846.01
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 2.22
data FullDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 19.2
m/z = 847.65
m/z = 847.64
Env res: 2.29
data FullDeut, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 18.6
m/z = 847.57
m/z = 847.59
Env res: 2.14
data FullDeut, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 19.0
m/z = 847.62
m/z = 847.60
data FullDeut
rep 1
rep 2
rep 3
Intensity
m/z

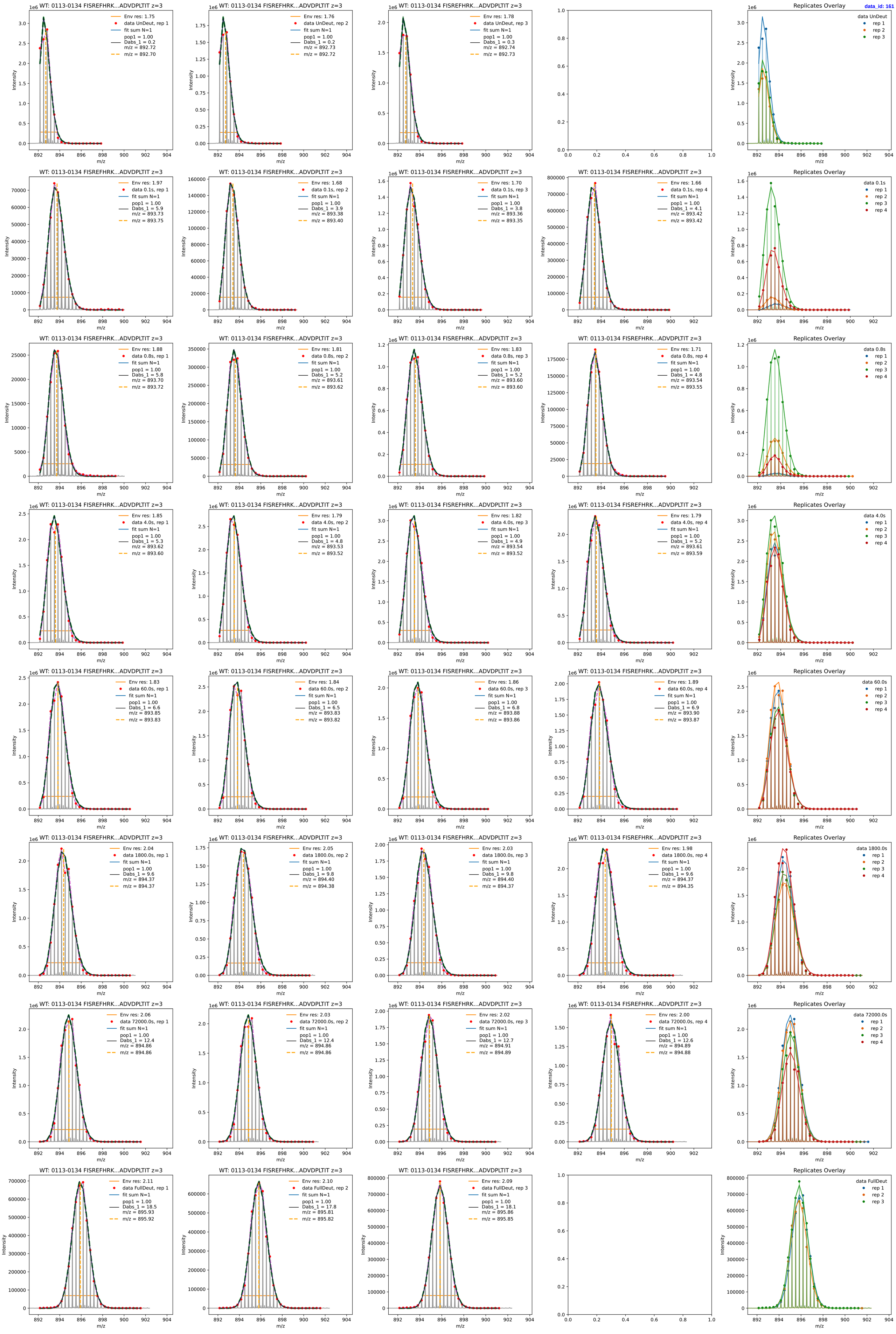
data_id: 155
WT: 0097-0117 VIEVHGKHEERQDEHGFISRE z=3
Replicates Overlay
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
UnDeut
0.1s, rep1
0.1s, rep2
0.1s, rep3
0.1s, rep4
0.1s
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
0.8s
4.0s, rep1
4.0s, rep2
4.0s, rep3
4.0s, rep4
4.0s
60.0s, rep1
60.0s, rep2
60.0s, rep3
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, rep3
FullDeut
pop0
1_pop0
2_pop0
3_pop0
4_pop0
Centroid
population
Absolute Deuterium Level (Da)


WT: 0097-0117 VIEVHGKHEERQDEHGFISRE z=3
data_id: 155
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: 158
WT: 0097-0134 VIEVHGKHE...ADVDPLTIT z=4
Env res: 1.66
data UnDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.0
m/z = 1140.01
m/z = 1140.02
Env res: 1.73
data UnDeut, rep 2
Dabs_1 = 0.4
m/z = 1140.06
m/z = 1140.11
Env res: 1.75
data UnDeut, rep 3
m/z = 1140.02
m/z = 1140.08
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 2.55
data 0.1s, rep 2
Dabs_1 = 8.4
m/z = 1141.03
m/z = 1141.22
Env res: 2.34
data 0.1s, rep 3
Dabs_1 = 7.4
m/z = 1140.90
m/z = 1141.02
Env res: 2.57
data 0.1s, rep 4
Dabs_1 = 8.0
m/z = 1140.97
m/z = 1141.08
data 0.1s
rep 2
rep 3
rep 4
Env res: 2.68
data 0.8s, rep 2
Dabs_1 = 8.0
m/z = 1140.97
m/z = 1141.16
Env res: 2.56
data 0.8s, rep 3
Dabs_1 = 9.9
m/z = 1141.20
m/z = 1141.35
Env res: 2.40
data 0.8s, rep 4
Dabs_1 = 9.3
m/z = 1141.13
m/z = 1141.20
data 0.8s
rep 2
rep 3
rep 4
Env res: 2.34
data 4.0s, rep 1
Dabs_1 = 9.5
m/z = 1141.16
m/z = 1141.25
Env res: 2.24
data 4.0s, rep 2
Dabs_1 = 8.3
m/z = 1141.02
m/z = 1141.10
Env res: 2.16
data 4.0s, rep 3
Dabs_1 = 8.1
m/z = 1140.99
m/z = 1141.06
Env res: 2.36
data 4.0s, rep 4
Dabs_1 = 9.4
m/z = 1141.15
m/z = 1141.24
data 4.0s
rep 1
rep 2
rep 3
rep 4
Env res: 2.40
data 60.0s, rep 1
Dabs_1 = 10.8
m/z = 1141.31
m/z = 1141.41
Env res: 2.46
data 60.0s, rep 2
Dabs_1 = 10.8
m/z = 1141.32
m/z = 1141.43
Env res: 2.46
data 60.0s, rep 3
Dabs_1 = 11.0
m/z = 1141.33
m/z = 1141.43
Env res: 2.42
data 60.0s, rep 4
Dabs_1 = 10.9
m/z = 1141.33
m/z = 1141.43
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 2.56
data 1800.0s, rep 1
Dabs_1 = 14.8
m/z = 1141.79
m/z = 1141.90
Env res: 2.61
data 1800.0s, rep 2
Dabs_1 = 14.5
m/z = 1141.76
m/z = 1141.86
Env res: 2.57
data 1800.0s, rep 3
Dabs_1 = 14.4
m/z = 1141.75
m/z = 1141.86
Env res: 2.58
data 1800.0s, rep 4
Dabs_1 = 14.5
m/z = 1141.76
m/z = 1141.84
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 2.70
data 72000.0s, rep 1
Dabs_1 = 18.8
m/z = 1142.28
m/z = 1142.41
Env res: 2.75
data 72000.0s, rep 2
Dabs_1 = 18.9
m/z = 1142.29
m/z = 1142.42
Env res: 2.82
data 72000.0s, rep 3
Dabs_1 = 18.8
m/z = 1142.28
m/z = 1142.40
Env res: 2.76
data 72000.0s, rep 4
Dabs_1 = 19.1
m/z = 1142.31
m/z = 1142.43
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 3.00
data FullDeut, rep 1
Dabs_1 = 34.3
m/z = 1144.15
m/z = 1144.20
Env res: 2.99
data FullDeut, rep 2
Dabs_1 = 33.7
m/z = 1144.08
m/z = 1144.17
Env res: 3.03
data FullDeut, rep 3
Dabs_1 = 33.7
m/z = 1144.08
m/z = 1144.19
data FullDeut
rep 1
rep 2
rep 3
Intensity
m/z

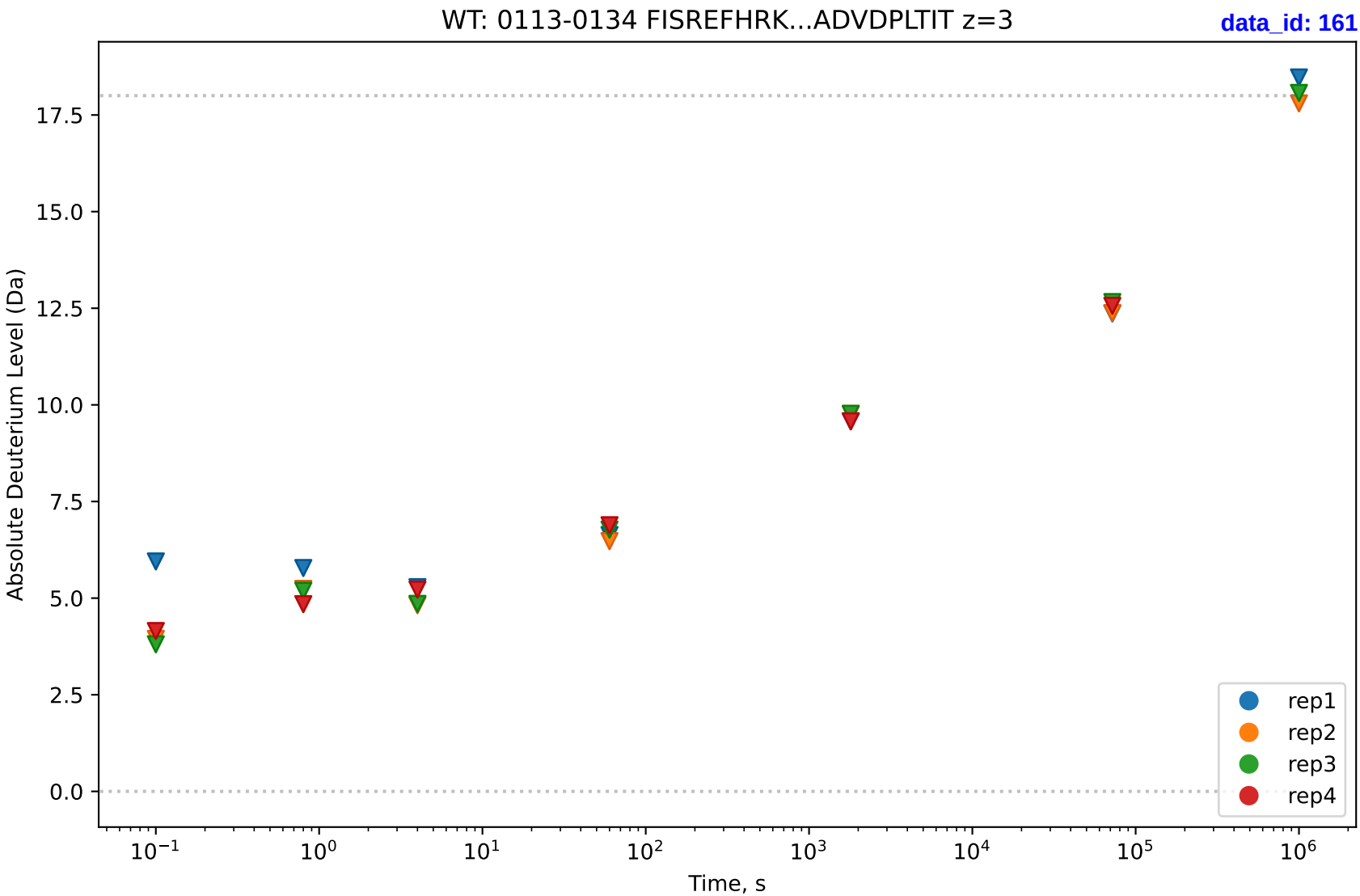

data_id: 158
WT: 0097-0134 VIEVHGKHE...ADVDPLTIT z=4
Replicates Overlay
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
UnDeut
0.1s, rep2
0.1s, rep3
0.1s, rep4
0.1s
0.8s, rep2
0.8s, rep3
0.8s, rep4
0.8s
4.0s, rep1
4.0s, rep2
4.0s, rep3
4.0s, rep4
4.0s
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, rep4
60.0s
1800.0s, 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, rep3
FullDeut
pop0
Centroid
1_pop0
2_pop0
3_pop0
4_pop0
population
Absolute Deuterium Level (Da)

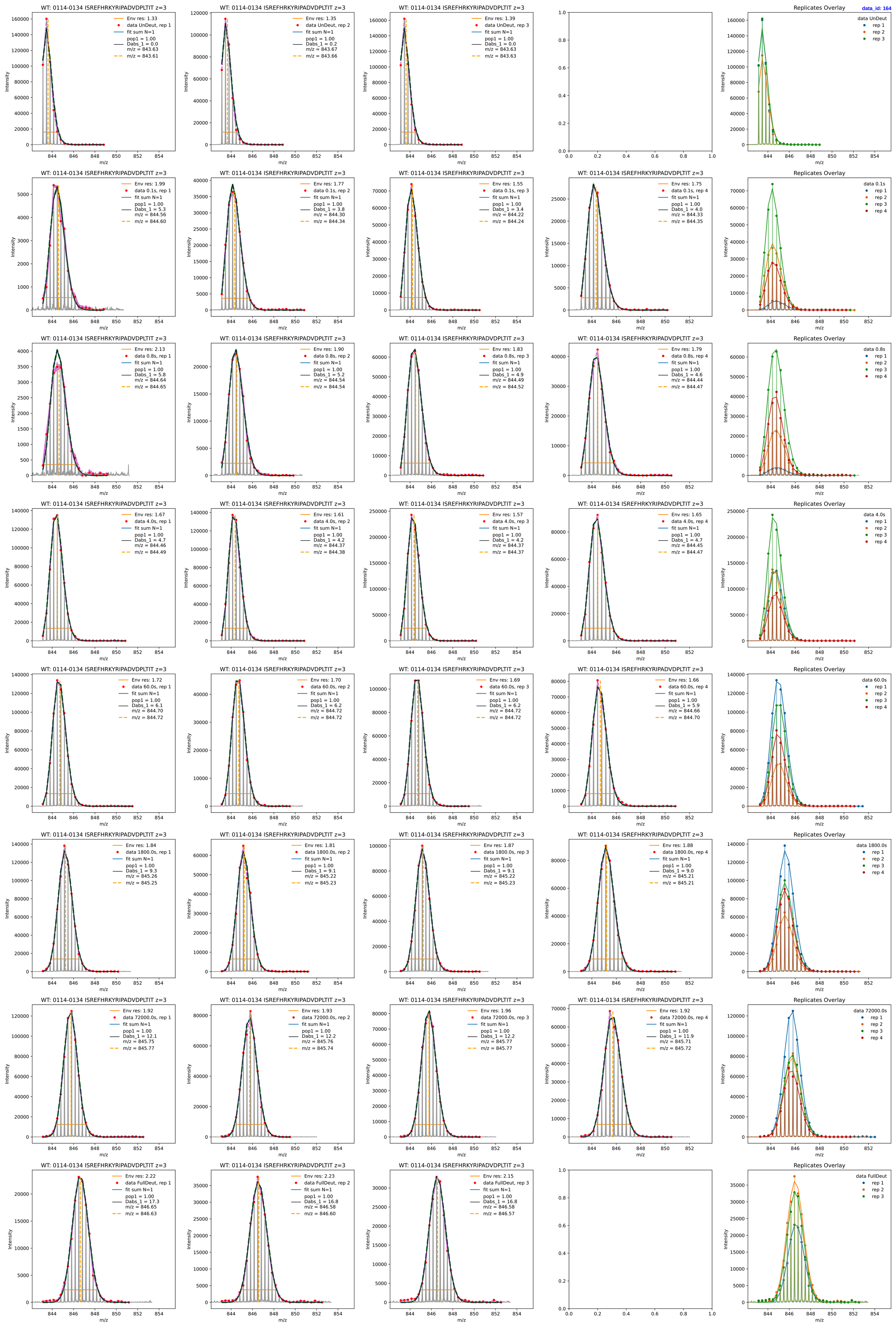

WT: 0097-0134 VIEVHGKHE...ADVDPLTIT z=4
data_id: 158
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4


data_id: 161
WT: 0113-0134 FISREFHRK...ADVDPLTIT z=3
Env res: 1.75
data UnDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.2
m/z = 892.72
m/z = 892.70
Env res: 1.76
data UnDeut, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.2
m/z = 892.73
m/z = 892.72
Env res: 1.78
data UnDeut, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.3
m/z = 892.74
m/z = 892.73
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 1.97
data 0.1s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.9
m/z = 893.73
m/z = 893.75
Env res: 1.68
data 0.1s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.9
m/z = 893.38
m/z = 893.40
Env res: 1.70
data 0.1s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.8
m/z = 893.36
m/z = 893.35
Env res: 1.66
data 0.1s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.1
m/z = 893.42
m/z = 893.42
data 0.1s
rep 1
rep 2
rep 3
rep 4
Env res: 1.88
data 0.8s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.8
m/z = 893.70
m/z = 893.72
Env res: 1.81
data 0.8s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.2
m/z = 893.61
m/z = 893.62
Env res: 1.83
data 0.8s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.2
m/z = 893.60
m/z = 893.60
Env res: 1.71
data 0.8s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.8
m/z = 893.54
m/z = 893.55
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 1.85
data 4.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.3
m/z = 893.62
m/z = 893.60
Env res: 1.79
data 4.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.8
m/z = 893.53
m/z = 893.52
Env res: 1.82
data 4.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.9
m/z = 893.54
m/z = 893.52
Env res: 1.79
data 4.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.2
m/z = 893.61
m/z = 893.59
data 4.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.83
data 60.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 6.6
m/z = 893.85
m/z = 893.83
Env res: 1.84
data 60.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 6.5
m/z = 893.83
m/z = 893.82
Env res: 1.86
data 60.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 6.8
m/z = 893.88
m/z = 893.86
Env res: 1.89
data 60.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 6.9
m/z = 893.90
m/z = 893.87
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 2.04
data 1800.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 9.6
m/z = 894.37
m/z = 894.37
Env res: 2.05
data 1800.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 9.8
m/z = 894.40
m/z = 894.38
Env res: 2.03
data 1800.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 9.8
m/z = 894.40
m/z = 894.37
Env res: 1.98
data 1800.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 9.6
m/z = 894.37
m/z = 894.35
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 2.06
data 72000.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 12.4
m/z = 894.86
m/z = 894.86
Env res: 2.03
data 72000.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 12.4
m/z = 894.86
m/z = 894.86
Env res: 2.02
data 72000.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 12.7
m/z = 894.91
m/z = 894.89
Env res: 2.00
data 72000.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 12.6
m/z = 894.89
m/z = 894.88
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 2.11
data FullDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 18.5
m/z = 895.93
m/z = 895.92
Env res: 2.10
data FullDeut, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 17.8
m/z = 895.81
m/z = 895.82
Env res: 2.09
data FullDeut, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 18.1
m/z = 895.86
m/z = 895.85
data FullDeut
rep 1
rep 2
rep 3
Intensity
m/z

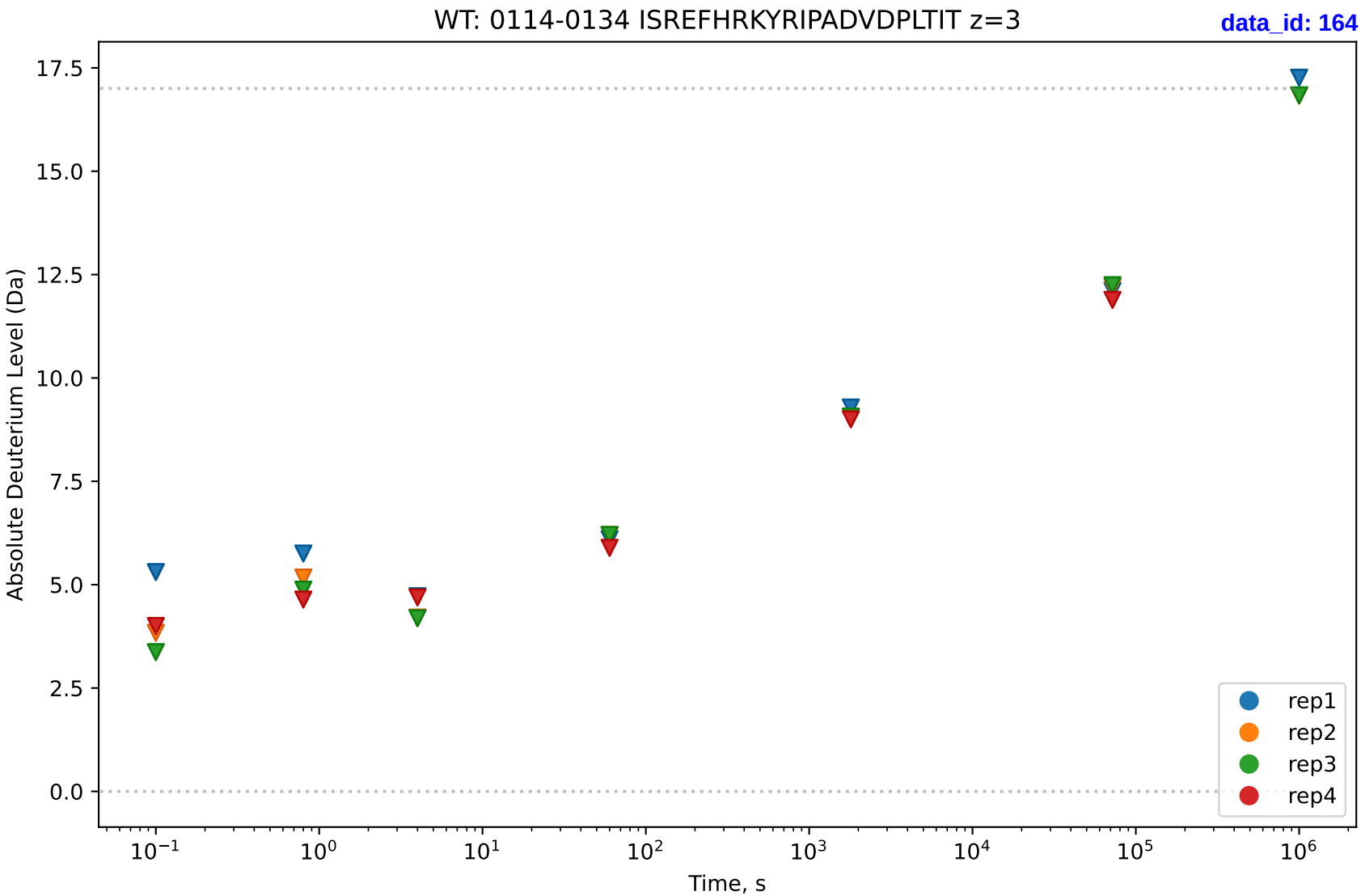
data_id: 161

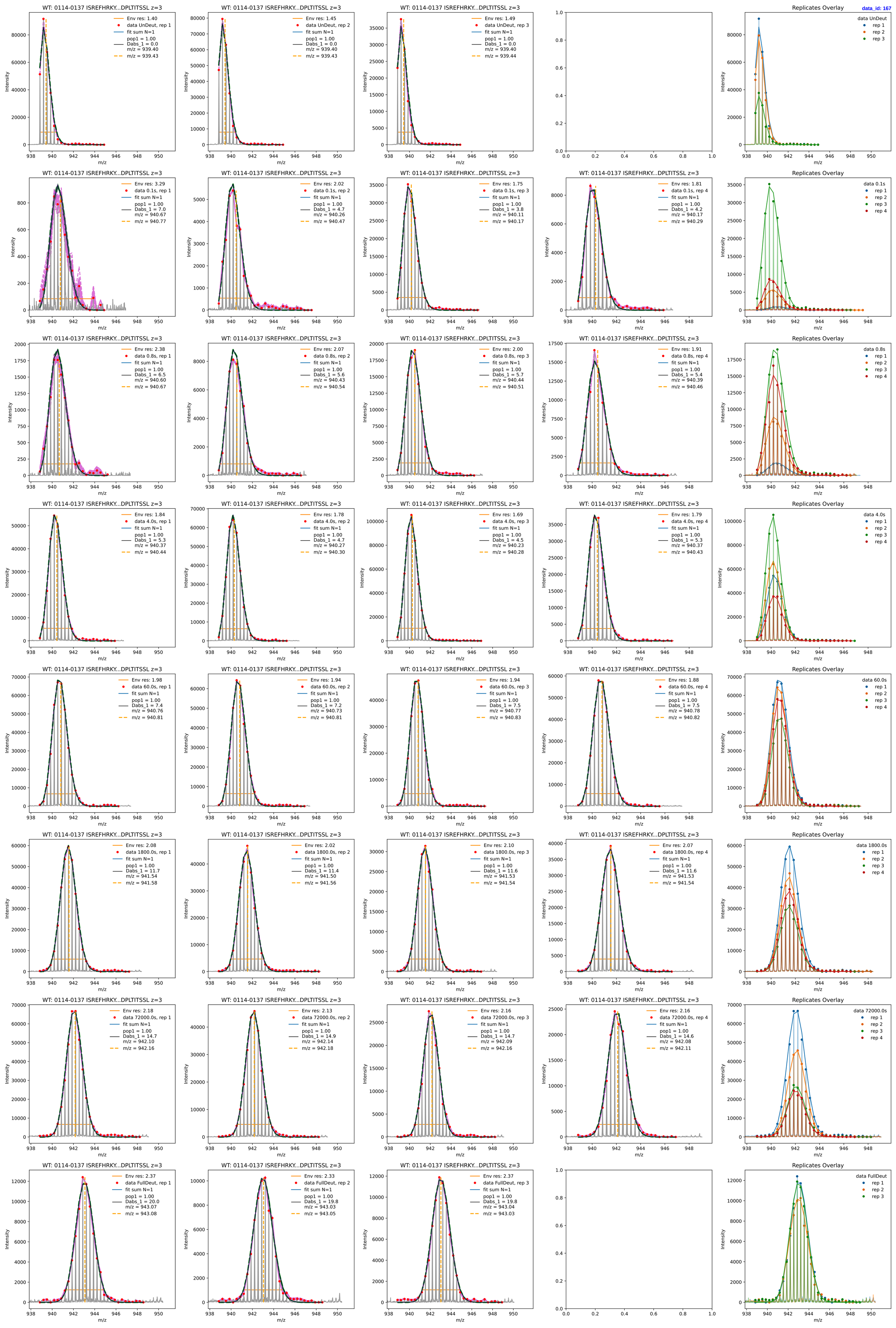
WT: 0113-0134 FISREFHRK...ADVDPLTIT z=3
Replicates Overlay
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
UnDeut
0.1s, rep1
0.1s, rep2
0.1s, rep3
0.1s, rep4
0.1s
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
0.8s
4.0s, rep1
4.0s, rep2
4.0s, rep3
4.0s, rep4
4.0s
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, rep4
60.0s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


WT: 0113-0134 FISREFHRK...ADVDPLTIT z=3
data_id: 161
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

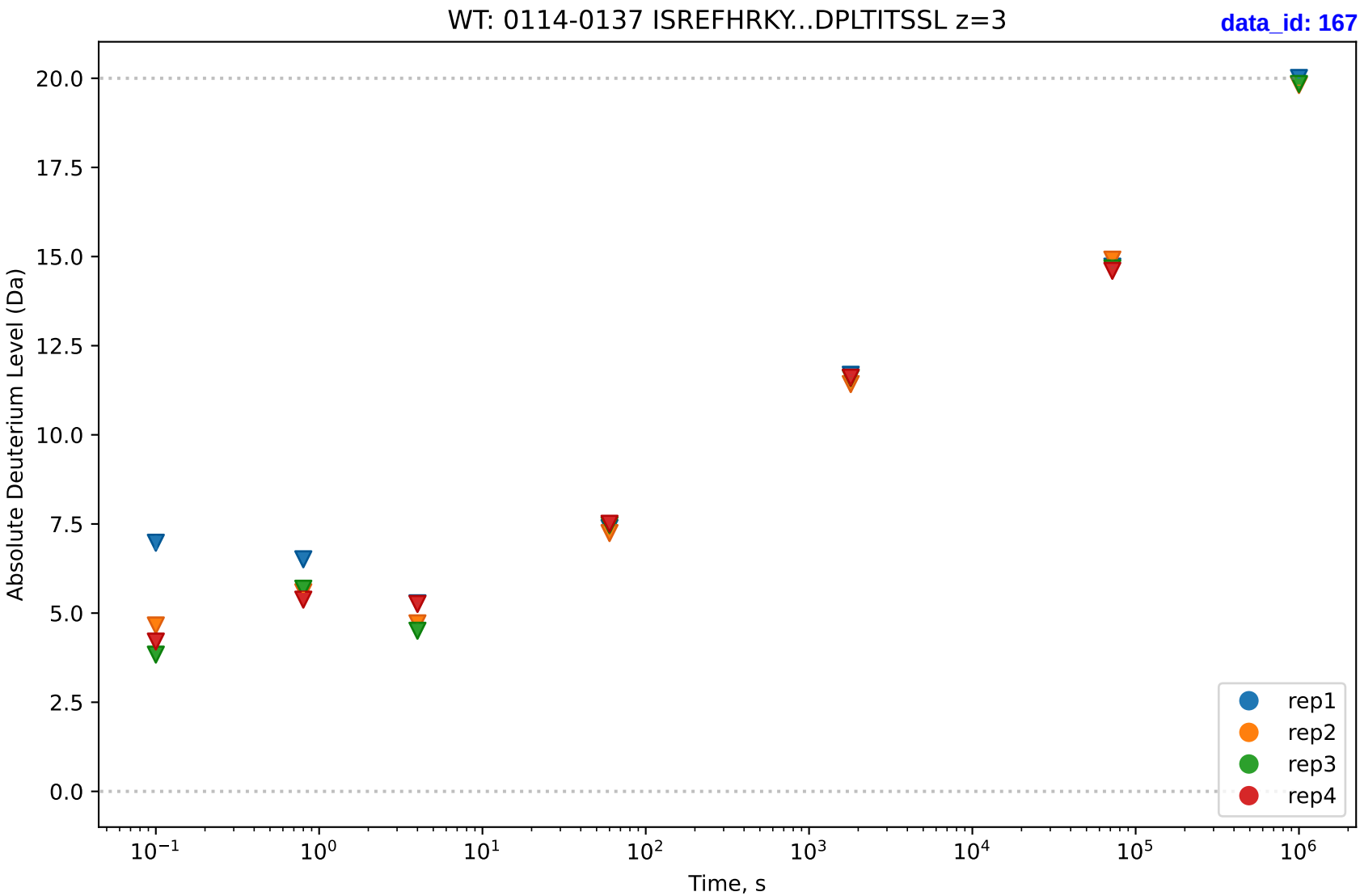

data_id: 164
WT: 0114-0134 ISREFHRKYRIPADVDPLTIT z=3
Env res: 1.33
data UnDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.0
m/z = 843.63
m/z = 843.61
Env res: 1.35
data UnDeut, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.2
m/z = 843.67
m/z = 843.66
Env res: 1.39
data UnDeut, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.0
m/z = 843.63
m/z = 843.63
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 1.99
data 0.1s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.3
m/z = 844.56
m/z = 844.60
Env res: 1.77
data 0.1s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.8
m/z = 844.30
m/z = 844.34
Env res: 1.55
data 0.1s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.4
m/z = 844.22
m/z = 844.24
Env res: 1.75
data 0.1s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.0
m/z = 844.33
m/z = 844.35
data 0.1s
rep 1
rep 2
rep 3
rep 4
Env res: 2.13
data 0.8s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.8
m/z = 844.64
m/z = 844.65
Env res: 1.90
data 0.8s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.2
m/z = 844.54
m/z = 844.54
Env res: 1.83
data 0.8s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.9
m/z = 844.49
m/z = 844.52
Env res: 1.79
data 0.8s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.6
m/z = 844.44
m/z = 844.47
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 1.67
data 4.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.7
m/z = 844.46
m/z = 844.49
Env res: 1.61
data 4.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.2
m/z = 844.37
m/z = 844.38
Env res: 1.57
data 4.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.2
m/z = 844.37
m/z = 844.37
Env res: 1.65
data 4.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.7
m/z = 844.45
m/z = 844.47
data 4.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.72
data 60.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 6.1
m/z = 844.70
m/z = 844.72
Env res: 1.70
data 60.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 6.2
m/z = 844.72
m/z = 844.72
Env res: 1.69
data 60.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 6.2
m/z = 844.72
m/z = 844.72
Env res: 1.66
data 60.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.9
m/z = 844.66
m/z = 844.70
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.84
data 1800.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 9.3
m/z = 845.26
m/z = 845.25
Env res: 1.81
data 1800.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 9.1
m/z = 845.22
m/z = 845.23
Env res: 1.87
data 1800.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 9.1
m/z = 845.22
m/z = 845.23
Env res: 1.88
data 1800.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 9.0
m/z = 845.21
m/z = 845.21
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.92
data 72000.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 12.1
m/z = 845.75
m/z = 845.77
Env res: 1.93
data 72000.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 12.2
m/z = 845.76
m/z = 845.74
Env res: 1.96
data 72000.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 12.2
m/z = 845.77
m/z = 845.77
Env res: 1.92
data 72000.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 11.9
m/z = 845.71
m/z = 845.72
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 2.22
data FullDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 17.3
m/z = 846.65
m/z = 846.63
Env res: 2.23
data FullDeut, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 16.8
m/z = 846.58
m/z = 846.60
Env res: 2.15
data FullDeut, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 16.8
m/z = 846.58
m/z = 846.57
data FullDeut
rep 1
rep 2
rep 3
Intensity
m/z

data_id: 164
WT: 0114-0134 ISREFHRKYRIPADVDPLTIT 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
4.0s, rep4
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
FullDeut, rep3
pop0
Centroid
Replicates Overlay
UnDeut
0.1s
0.8s
4.0s
60.0s
1800.0s
72000.0s
FullDeut
1_pop0
2_pop0
3_pop0
4_pop0
population
Absolute Deuterium Level (Da)

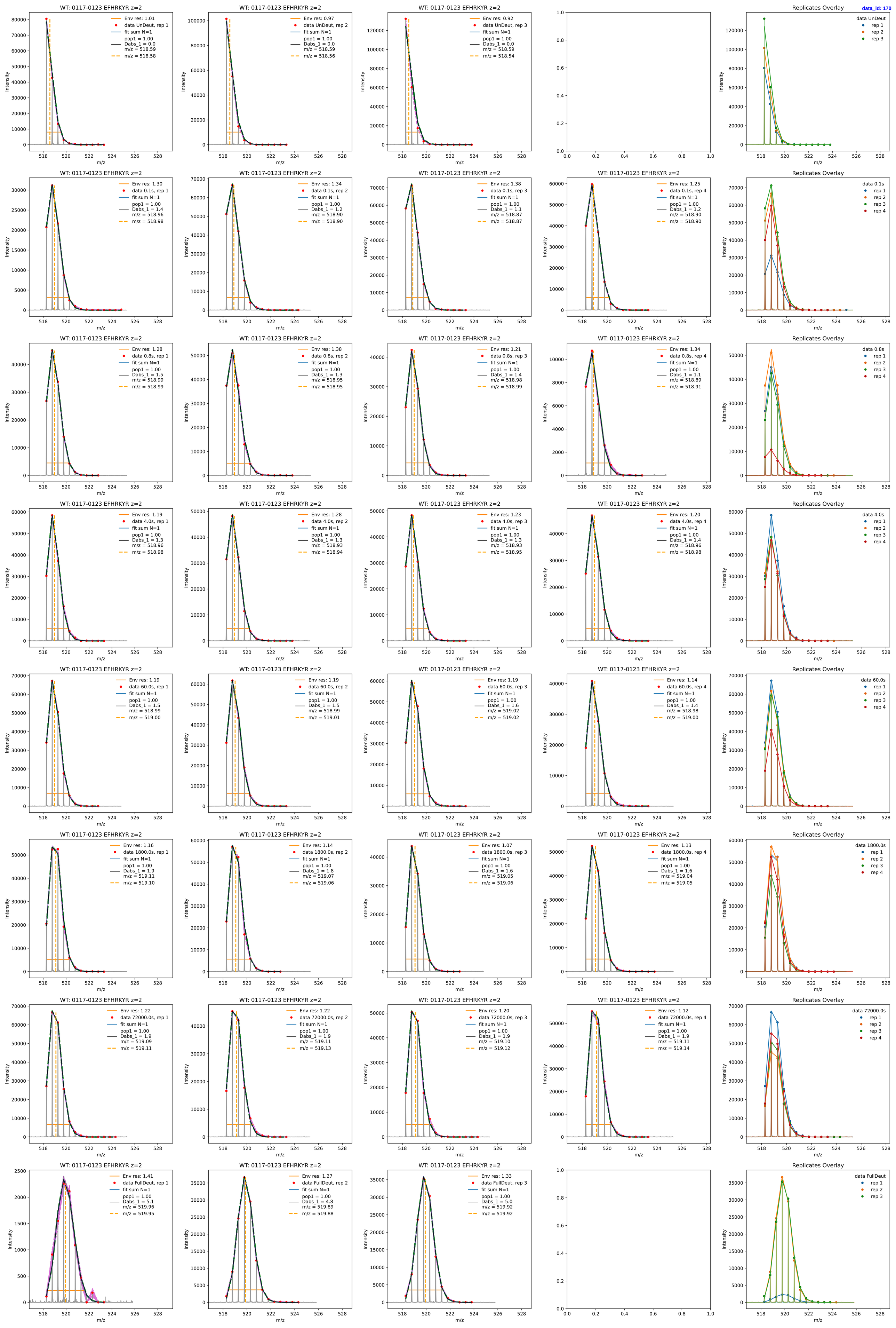

WT: 0114-0134 ISREFHRKYRIPADVDPLTIT z=3
data_id: 164
Absolute Deuterium Level (Da)
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
10^{-1}
10^{0}
10^{1}
10^{2}
10^{3}
10^{4}
10^{5}
10^{6}
Time, s
rep1
rep2
rep3
rep4


data_id: 167
WT: 0114-0137 ISREFHRKY...DPLTITSSL z=3
Replicates Overlay
Intensity
m/z
Env res: 1.40
data UnDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.0
m/z = 939.40
m/z = 939.43
Env res: 1.45
data UnDeut, rep 2
Dabs_1 = 0.0
m/z = 939.40
m/z = 939.43
Env res: 1.49
data UnDeut, rep 3
Dabs_1 = 0.0
m/z = 939.40
m/z = 939.44
data UnDeut
rep 1
rep 2
rep 3
Env res: 3.29
data 0.1s, rep 1
Dabs_1 = 7.0
m/z = 940.67
m/z = 940.77
Env res: 2.02
data 0.1s, rep 2
Dabs_1 = 4.7
m/z = 940.26
m/z = 940.47
Env res: 1.75
data 0.1s, rep 3
Dabs_1 = 3.8
m/z = 940.11
m/z = 940.17
Env res: 1.81
data 0.1s, rep 4
Dabs_1 = 4.2
m/z = 940.17
m/z = 940.29
data 0.1s
rep 1
rep 2
rep 3
rep 4
Env res: 2.38
data 0.8s, rep 1
Dabs_1 = 6.5
m/z = 940.60
m/z = 940.67
Env res: 2.07
data 0.8s, rep 2
Dabs_1 = 5.6
m/z = 940.43
m/z = 940.54
Env res: 2.00
data 0.8s, rep 3
Dabs_1 = 5.7
m/z = 940.44
m/z = 940.51
Env res: 1.91
data 0.8s, rep 4
Dabs_1 = 5.4
m/z = 940.39
m/z = 940.46
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 1.84
data 4.0s, rep 1
Dabs_1 = 5.3
m/z = 940.37
m/z = 940.44
Env res: 1.78
data 4.0s, rep 2
Dabs_1 = 4.7
m/z = 940.27
m/z = 940.30
Env res: 1.69
data 4.0s, rep 3
Dabs_1 = 4.5
m/z = 940.23
m/z = 940.28
Env res: 1.79
data 4.0s, rep 4
Dabs_1 = 5.3
m/z = 940.37
m/z = 940.43
data 4.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.98
data 60.0s, rep 1
Dabs_1 = 7.4
m/z = 940.76
m/z = 940.81
Env res: 1.94
data 60.0s, rep 2
Dabs_1 = 7.2
m/z = 940.73
m/z = 940.81
Env res: 1.94
data 60.0s, rep 3
Dabs_1 = 7.5
m/z = 940.77
m/z = 940.83
Env res: 1.88
data 60.0s, rep 4
Dabs_1 = 7.5
m/z = 940.78
m/z = 940.82
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 2.08
data 1800.0s, rep 1
Dabs_1 = 11.7
m/z = 941.54
m/z = 941.58
Env res: 2.02
data 1800.0s, rep 2
Dabs_1 = 11.4
m/z = 941.50
m/z = 941.56
Env res: 2.10
data 1800.0s, rep 3
Dabs_1 = 11.6
m/z = 941.53
m/z = 941.54
Env res: 2.07
data 1800.0s, rep 4
Dabs_1 = 11.6
m/z = 941.53
m/z = 941.54
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 2.18
data 72000.0s, rep 1
Dabs_1 = 14.7
m/z = 942.10
m/z = 942.16
Env res: 2.13
data 72000.0s, rep 2
Dabs_1 = 14.9
m/z = 942.14
m/z = 942.18
Env res: 2.16
data 72000.0s, rep 3
Dabs_1 = 14.7
m/z = 942.09
m/z = 942.16
Env res: 2.16
data 72000.0s, rep 4
Dabs_1 = 14.6
m/z = 942.08
m/z = 942.11
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 2.37
data FullDeut, rep 1
Dabs_1 = 20.0
m/z = 943.07
m/z = 943.08
Env res: 2.33
data FullDeut, rep 2
Dabs_1 = 19.8
m/z = 943.03
m/z = 943.05
Env res: 2.37
data FullDeut, rep 3
Dabs_1 = 19.8
m/z = 943.04
m/z = 943.03
data FullDeut
rep 1
rep 2
rep 3
pop1 = 1.00

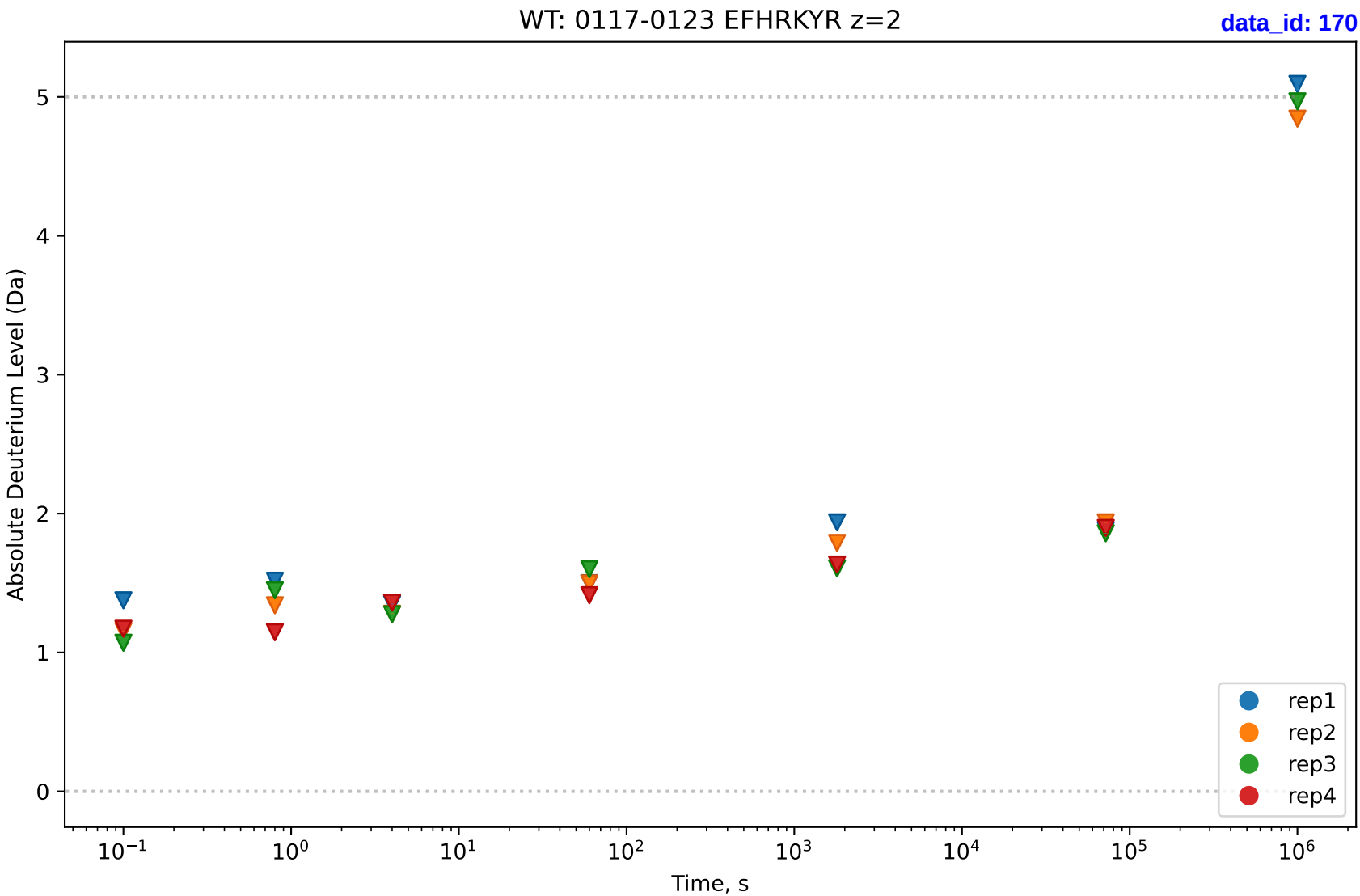
data_id: 167
WT: 0114-0137 ISREFHRKY...DPLTITSSL z=3
Replicates Overlay
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
UnDeut
0.1s, rep1
0.1s, rep2
0.1s, rep3
0.1s, rep4
0.1s
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
0.8s
4.0s, rep1
4.0s, rep2
4.0s, rep3
4.0s, rep4
4.0s
60.0s, rep1
60.0s, rep2
60.0s, rep3
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, rep3
FullDeut
pop0
Centroid
1_pop0
2_pop0
3_pop0
4_pop0
population
Absolute Deuterium Level (Da)


WT: 0114-0137 ISREFHRKY...DPLTITSSL z=3
data_id: 167
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

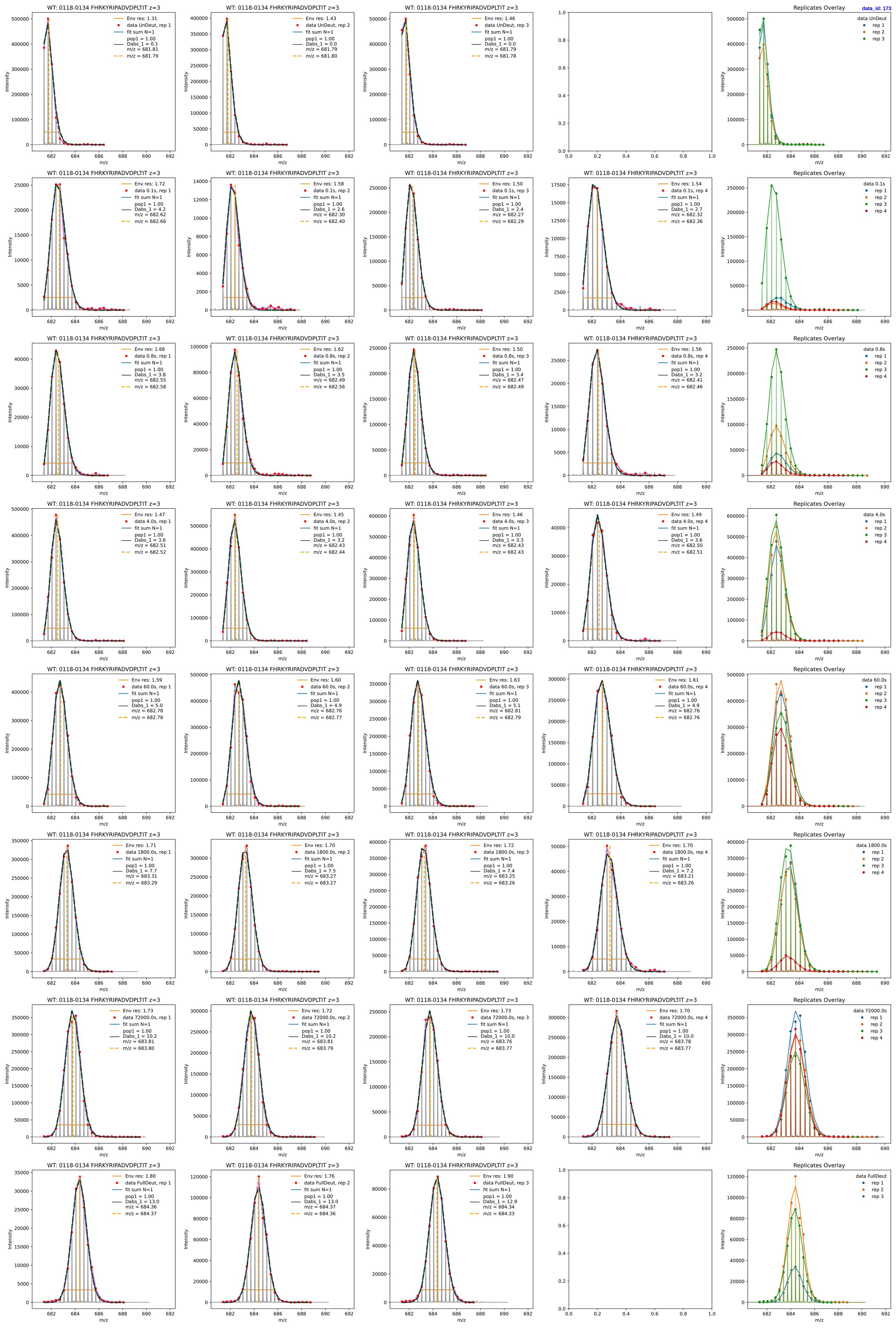
data_id: 170


WT: 0117-0123 EFHRKYR z=2
Env res: 1.01
data UnDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.0
m/z = 518.59
m/z = 518.58
Env res: 0.97
data UnDeut, rep 2
m/z = 518.56
Env res: 0.92
data UnDeut, rep 3
m/z = 518.54
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 1.30
data 0.1s, rep 1
Dabs_1 = 1.4
m/z = 518.96
m/z = 518.98
Env res: 1.34
data 0.1s, rep 2
Dabs_1 = 1.2
m/z = 518.90
Env res: 1.38
data 0.1s, rep 3
Dabs_1 = 1.1
m/z = 518.87
Env res: 1.25
data 0.1s, rep 4
data 0.1s
Env res: 1.28
data 0.8s, rep 1
Dabs_1 = 1.5
m/z = 518.99
Env res: 1.38
data 0.8s, rep 2
Dabs_1 = 1.3
m/z = 518.95
Env res: 1.21
data 0.8s, rep 3
Dabs_1 = 1.4
m/z = 518.98
Env res: 1.34
data 0.8s, rep 4
Dabs_1 = 1.1
m/z = 518.89
m/z = 518.91
data 0.8s
Env res: 1.19
data 4.0s, rep 1
Dabs_1 = 1.3
m/z = 518.96
Env res: 1.28
data 4.0s, rep 2
m/z = 518.93
m/z = 518.94
Env res: 1.23
data 4.0s, rep 3
Env res: 1.20
data 4.0s, rep 4
data 4.0s
Env res: 1.19
data 60.0s, rep 1
m/z = 519.00
Env res: 1.19
data 60.0s, rep 2
m/z = 519.01
Env res: 1.19
data 60.0s, rep 3
Dabs_1 = 1.6
m/z = 519.02
Env res: 1.14
data 60.0s, rep 4
m/z = 518.98
data 60.0s
Env res: 1.16
data 1800.0s, rep 1
Dabs_1 = 1.9
m/z = 519.11
m/z = 519.10
Env res: 1.14
data 1800.0s, rep 2
m/z = 519.07
m/z = 519.06
Env res: 1.07
data 1800.0s, rep 3
m/z = 519.05
Env res: 1.13
data 1800.0s, rep 4
m/z = 519.04
data 1800.0s
Env res: 1.22
data 72000.0s, rep 1
m/z = 519.09
Env res: 1.22
data 72000.0s, rep 2
m/z = 519.13
Env res: 1.20
data 72000.0s, rep 3
m/z = 519.12
Env res: 1.12
data 72000.0s, rep 4
m/z = 519.14
data 72000.0s
Env res: 1.41
data FullDeut, rep 1
m/z = 519.95
Env res: 1.27
data FullDeut, rep 2
m/z = 519.88
Env res: 1.33
data FullDeut, rep 3
m/z = 519.92
data FullDeut
Intensity
m/z

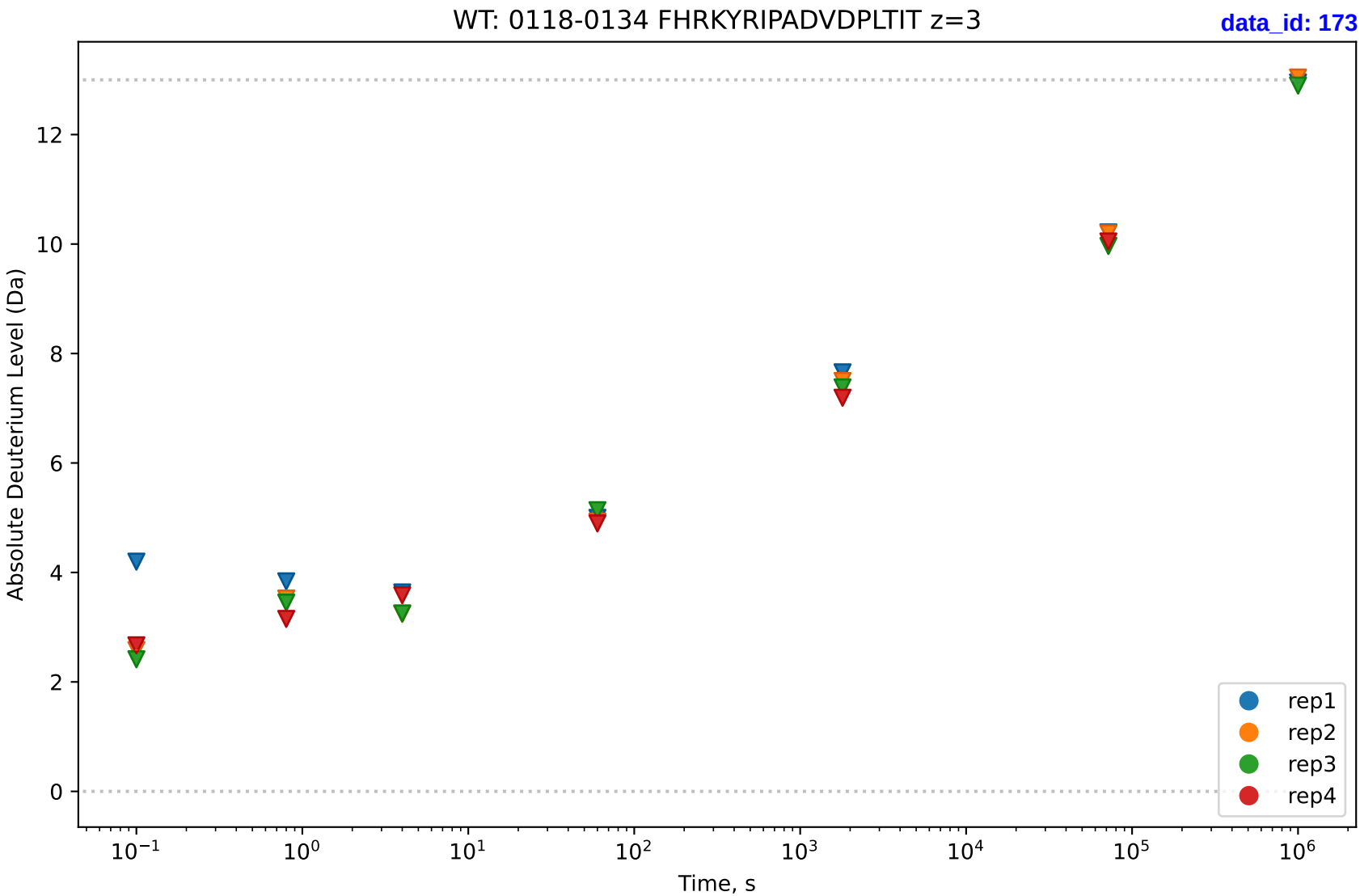
data_id: 170
WT: 0117-0123 EFHRKYR z=2
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
0.1s, rep1
0.1s, rep2
0.1s, rep3
0.1s, rep4
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
4.0s, rep1
4.0s, rep2
4.0s, rep3
4.0s, rep4
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, rep4
1800.0s, rep1
1800.0s, rep2
1800.0s, rep3
1800.0s, rep4
72000.0s, rep1
72000.0s, rep2
72000.0s, rep3
72000.0s, rep4
FullDeut, rep1
FullDeut, rep2
FullDeut, rep3
pop0
Centroid
Replicates Overlay
UnDeut
0.1s
0.8s
4.0s
60.0s
1800.0s
72000.0s
FullDeut
1_pop0
2_pop0
3_pop0
4_pop0
population
Absolute Deuterium Level (Da)

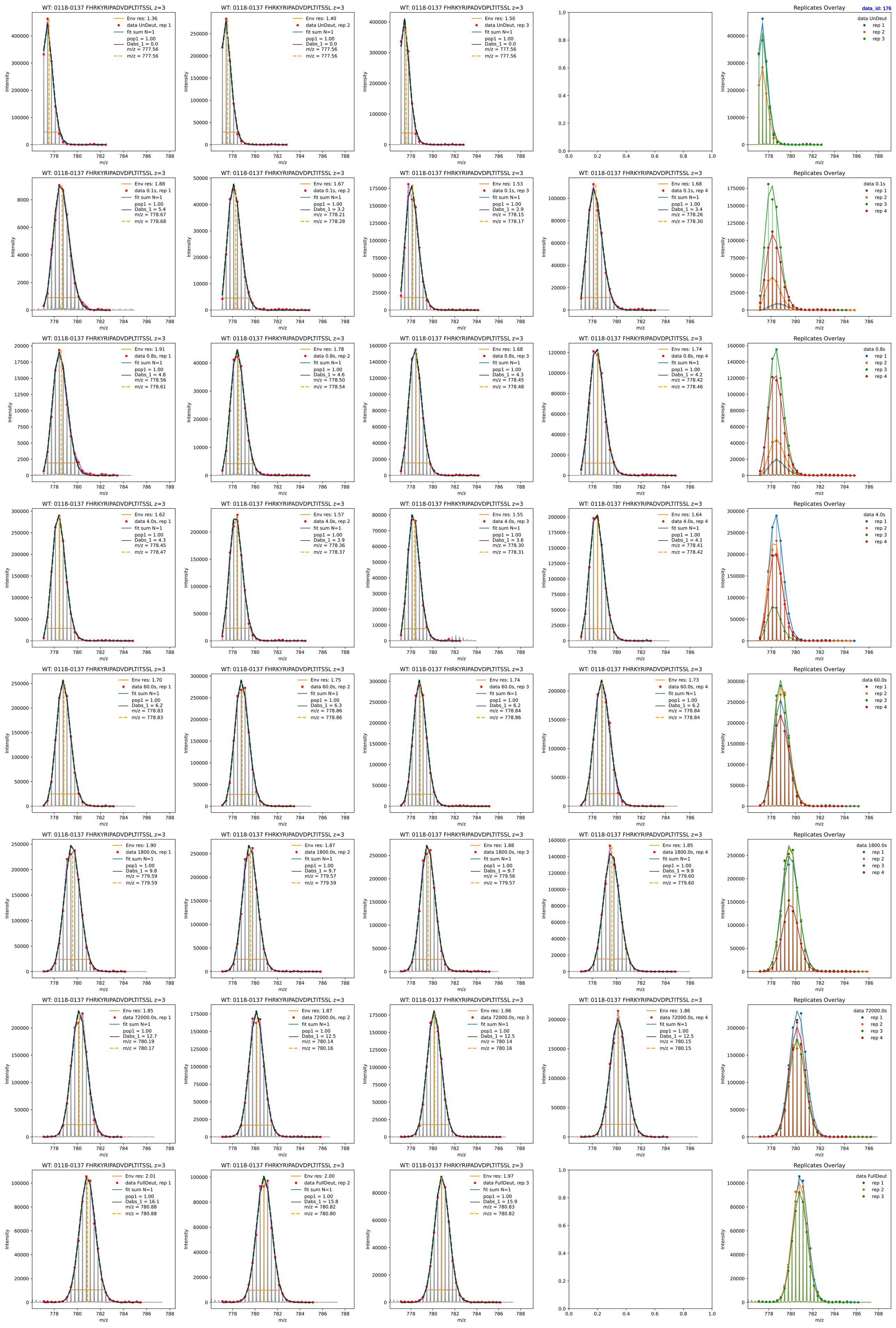

WT: 0117-0123 EFHRKYR z=2
data_id: 170
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4

data_id: 173


WT: 0118-0134 FHRKYRIPADVDPLTIT z=3
Env res: 1.31
data UnDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.1
m/z = 681.81
m/z = 681.79
Env res: 1.43
data UnDeut, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.0
m/z = 681.79
m/z = 681.80
Env res: 1.46
data UnDeut, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.0
m/z = 681.79
m/z = 681.78
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 1.72
data 0.1s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.2
m/z = 682.62
m/z = 682.66
Env res: 1.58
data 0.1s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.6
m/z = 682.30
m/z = 682.40
Env res: 1.50
data 0.1s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.4
m/z = 682.27
m/z = 682.29
Env res: 1.54
data 0.1s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.7
m/z = 682.32
m/z = 682.36
data 0.1s
rep 1
rep 2
rep 3
rep 4
Env res: 1.66
data 0.8s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.8
m/z = 682.55
m/z = 682.58
Env res: 1.62
data 0.8s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.5
m/z = 682.49
m/z = 682.56
Env res: 1.50
data 0.8s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.4
m/z = 682.47
m/z = 682.49
Env res: 1.56
data 0.8s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.2
m/z = 682.41
m/z = 682.46
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 1.47
data 4.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.6
m/z = 682.51
m/z = 682.52
Env res: 1.45
data 4.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.2
m/z = 682.43
m/z = 682.44
Env res: 1.46
data 4.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.3
m/z = 682.43
m/z = 682.43
Env res: 1.49
data 4.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 3.6
m/z = 682.50
m/z = 682.51
data 4.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.59
data 60.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.0
m/z = 682.78
m/z = 682.78
Env res: 1.60
data 60.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.9
m/z = 682.76
m/z = 682.77
Env res: 1.63
data 60.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.1
m/z = 682.81
m/z = 682.79
Env res: 1.61
data 60.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.9
m/z = 682.76
m/z = 682.76
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.71
data 1800.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 7.7
m/z = 683.31
m/z = 683.29
Env res: 1.70
data 1800.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 7.5
m/z = 683.27
m/z = 683.27
Env res: 1.72
data 1800.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 7.4
m/z = 683.25
m/z = 683.26
Env res: 1.70
data 1800.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 7.2
m/z = 683.21
m/z = 683.26
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.73
data 72000.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 10.2
m/z = 683.81
m/z = 683.80
Env res: 1.72
data 72000.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 10.2
m/z = 683.81
m/z = 683.79
Env res: 1.73
data 72000.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 10.0
m/z = 683.76
m/z = 683.77
Env res: 1.70
data 72000.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 10.0
m/z = 683.78
m/z = 683.77
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.80
data FullDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 13.0
m/z = 684.36
m/z = 684.37
Env res: 1.76
data FullDeut, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 13.0
m/z = 684.37
m/z = 684.36
Env res: 1.90
data FullDeut, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 12.9
m/z = 684.34
m/z = 684.33
data FullDeut
rep 1
rep 2
rep 3
Intensity
m/z

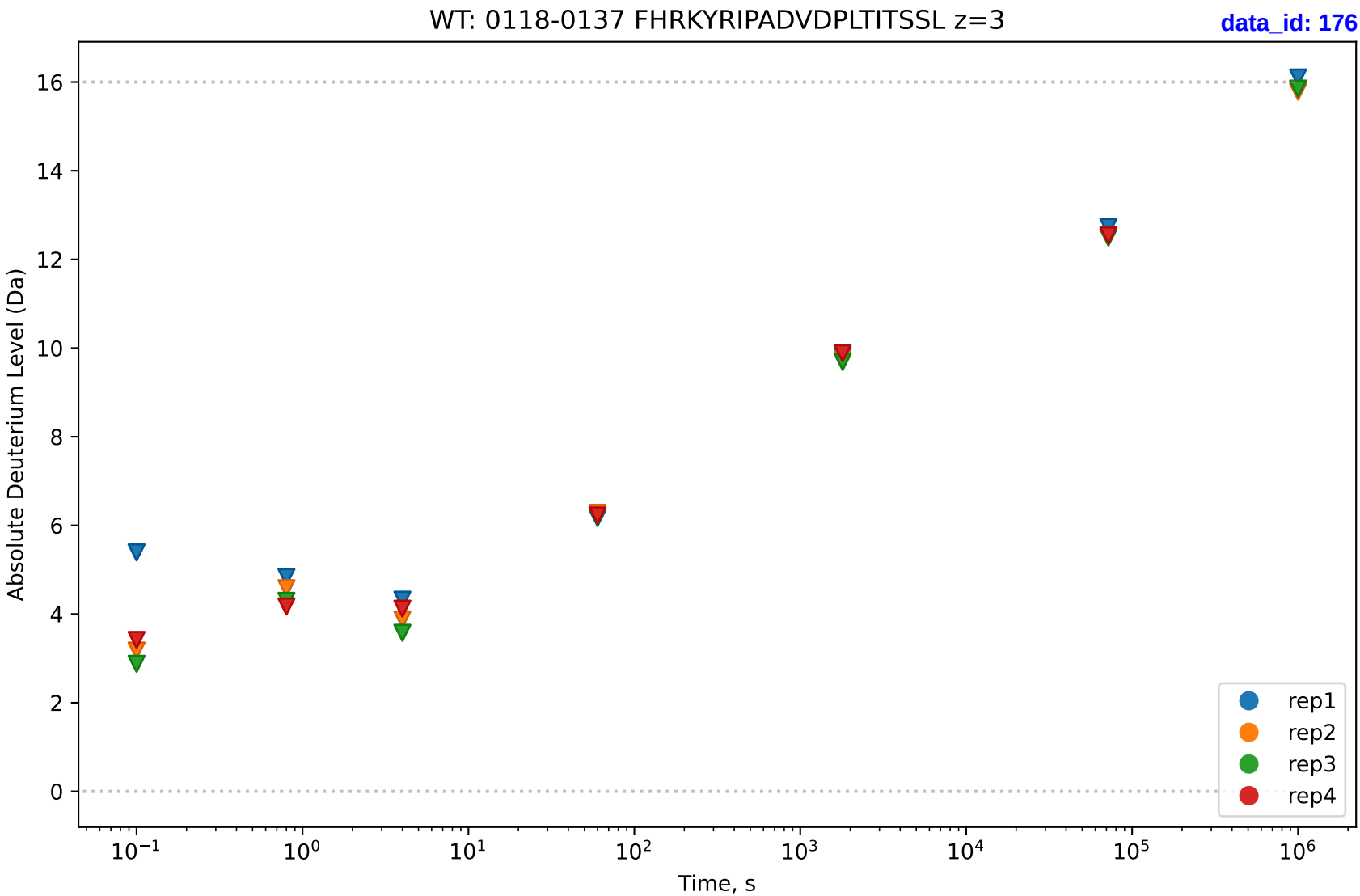
data_id: 173
WT: 0118-0134 FHRKYRIPADVDPLTIT z=3
Replicates Overlay
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
UnDeut
0.1s, rep1
0.1s, rep2
0.1s, rep3
0.1s, rep4
0.1s
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
0.8s
4.0s, rep1
4.0s, rep2
4.0s, rep3
4.0s, rep4
4.0s
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, 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, rep3
FullDeut
pop0
Centroid
1_pop0
2_pop0
3_pop0
4_pop0
population
Absolute Deuterium Level (Da)

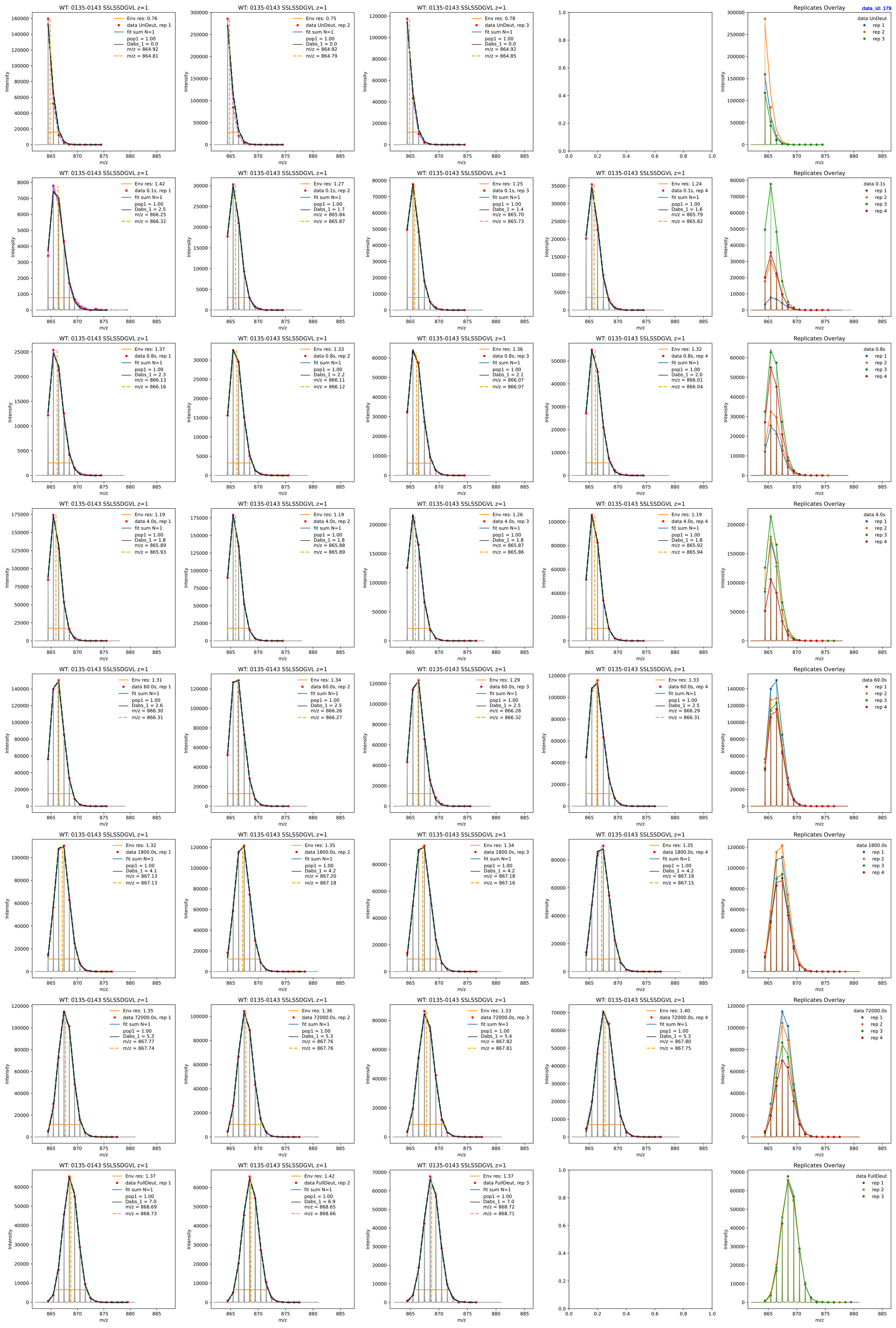

WT: 0118-0134 FHRKYRIPADVDPLTIT z=3
data_id: 173
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4


data_id: 176
WT: 0118-0137 FHRKYRIPADVDPLTITSSL z=3
Env res: 1.36
data UnDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.0
m/z = 777.56
m/z = 777.56
Env res: 1.40
data UnDeut, rep 2
Env res: 1.50
data UnDeut, rep 3
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 1.88
data 0.1s, rep 1
pop1 = 1.00
Dabs_1 = 5.4
m/z = 778.67
m/z = 778.68
Env res: 1.67
data 0.1s, rep 2
pop1 = 1.00
Dabs_1 = 3.2
m/z = 778.21
m/z = 778.28
Env res: 1.53
data 0.1s, rep 3
pop1 = 1.00
Dabs_1 = 2.9
m/z = 778.15
m/z = 778.17
Env res: 1.68
data 0.1s, rep 4
pop1 = 1.00
Dabs_1 = 3.4
m/z = 778.26
m/z = 778.30
data 0.1s
rep 1
rep 2
rep 3
rep 4
Env res: 1.91
data 0.8s, rep 1
pop1 = 1.00
Dabs_1 = 4.8
m/z = 778.56
m/z = 778.61
Env res: 1.78
data 0.8s, rep 2
pop1 = 1.00
Dabs_1 = 4.6
m/z = 778.50
m/z = 778.54
Env res: 1.68
data 0.8s, rep 3
pop1 = 1.00
Dabs_1 = 4.3
m/z = 778.45
m/z = 778.48
Env res: 1.74
data 0.8s, rep 4
pop1 = 1.00
Dabs_1 = 4.2
m/z = 778.42
m/z = 778.46
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 1.62
data 4.0s, rep 1
pop1 = 1.00
Dabs_1 = 4.3
m/z = 778.45
m/z = 778.47
Env res: 1.57
data 4.0s, rep 2
pop1 = 1.00
Dabs_1 = 3.9
m/z = 778.36
m/z = 778.37
Env res: 1.55
data 4.0s, rep 3
pop1 = 1.00
Dabs_1 = 3.6
m/z = 778.30
m/z = 778.31
Env res: 1.64
data 4.0s, rep 4
pop1 = 1.00
Dabs_1 = 4.1
m/z = 778.41
m/z = 778.42
data 4.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.70
data 60.0s, rep 1
pop1 = 1.00
Dabs_1 = 6.2
m/z = 778.83
m/z = 778.83
Env res: 1.75
data 60.0s, rep 2
pop1 = 1.00
Dabs_1 = 6.3
m/z = 778.86
m/z = 778.86
Env res: 1.74
data 60.0s, rep 3
pop1 = 1.00
Dabs_1 = 6.2
m/z = 778.84
m/z = 778.86
Env res: 1.73
data 60.0s, rep 4
pop1 = 1.00
Dabs_1 = 6.2
m/z = 778.84
m/z = 778.84
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.90
data 1800.0s, rep 1
pop1 = 1.00
Dabs_1 = 9.8
m/z = 779.59
m/z = 779.59
Env res: 1.87
data 1800.0s, rep 2
pop1 = 1.00
Dabs_1 = 9.7
m/z = 779.57
m/z = 779.59
Env res: 1.88
data 1800.0s, rep 3
pop1 = 1.00
Dabs_1 = 9.7
m/z = 779.56
m/z = 779.57
Env res: 1.85
data 1800.0s, rep 4
pop1 = 1.00
Dabs_1 = 9.9
m/z = 779.60
m/z = 779.60
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.85
data 72000.0s, rep 1
pop1 = 1.00
Dabs_1 = 12.7
m/z = 780.19
m/z = 780.17
Env res: 1.87
data 72000.0s, rep 2
pop1 = 1.00
Dabs_1 = 12.5
m/z = 780.14
m/z = 780.16
Env res: 1.86
data 72000.0s, rep 3
pop1 = 1.00
Dabs_1 = 12.5
m/z = 780.14
m/z = 780.16
Env res: 1.86
data 72000.0s, rep 4
pop1 = 1.00
Dabs_1 = 12.5
m/z = 780.15
m/z = 780.15
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 2.01
data FullDeut, rep 1
pop1 = 1.00
Dabs_1 = 16.1
m/z = 780.88
m/z = 780.88
Env res: 2.00
data FullDeut, rep 2
pop1 = 1.00
Dabs_1 = 15.8
m/z = 780.82
m/z = 780.80
Env res: 1.97
data FullDeut, rep 3
pop1 = 1.00
Dabs_1 = 15.9
m/z = 780.83
m/z = 780.82
data FullDeut
rep 1
rep 2
rep 3
Intensity
m/z

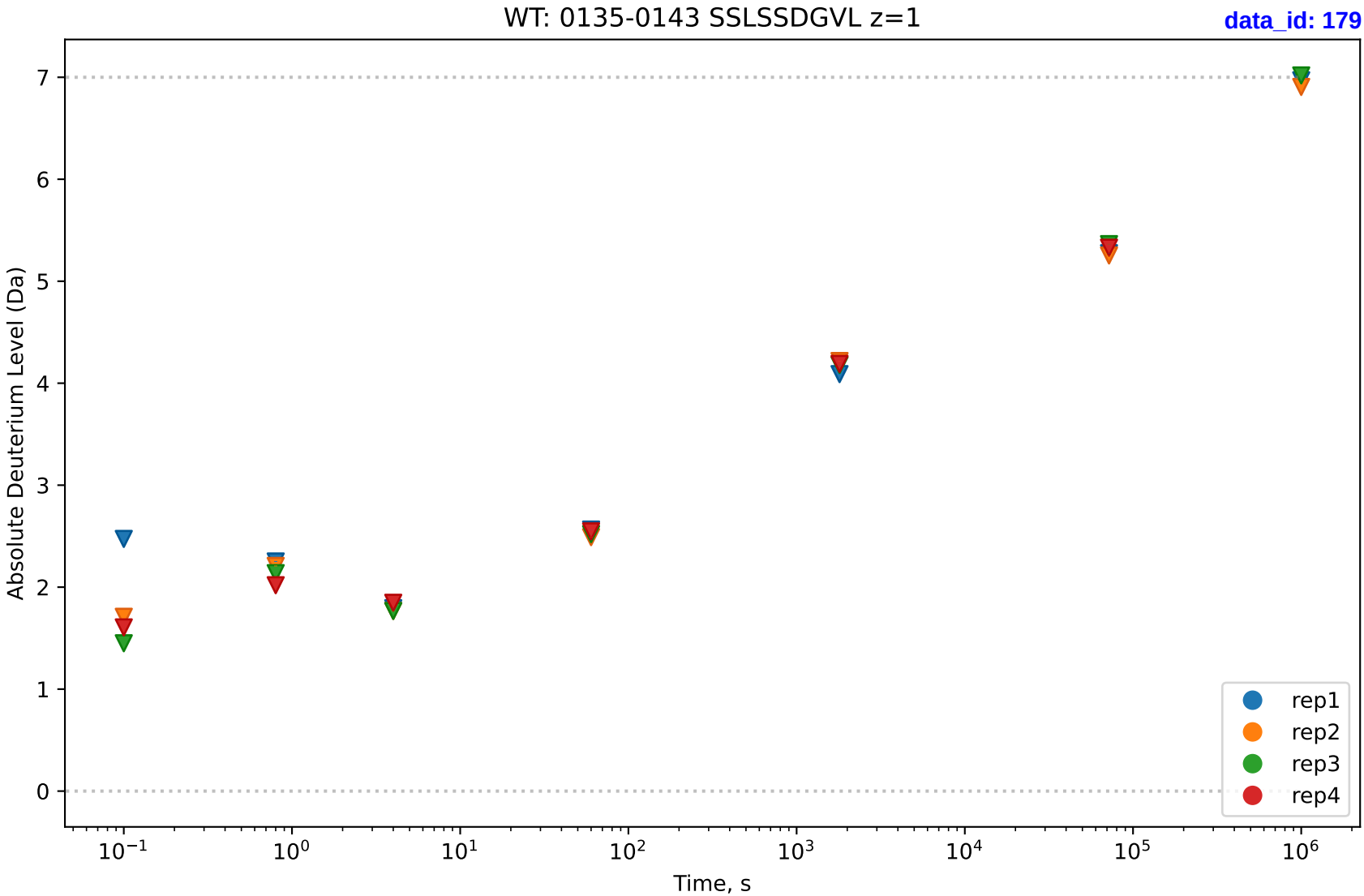
data_id: 176

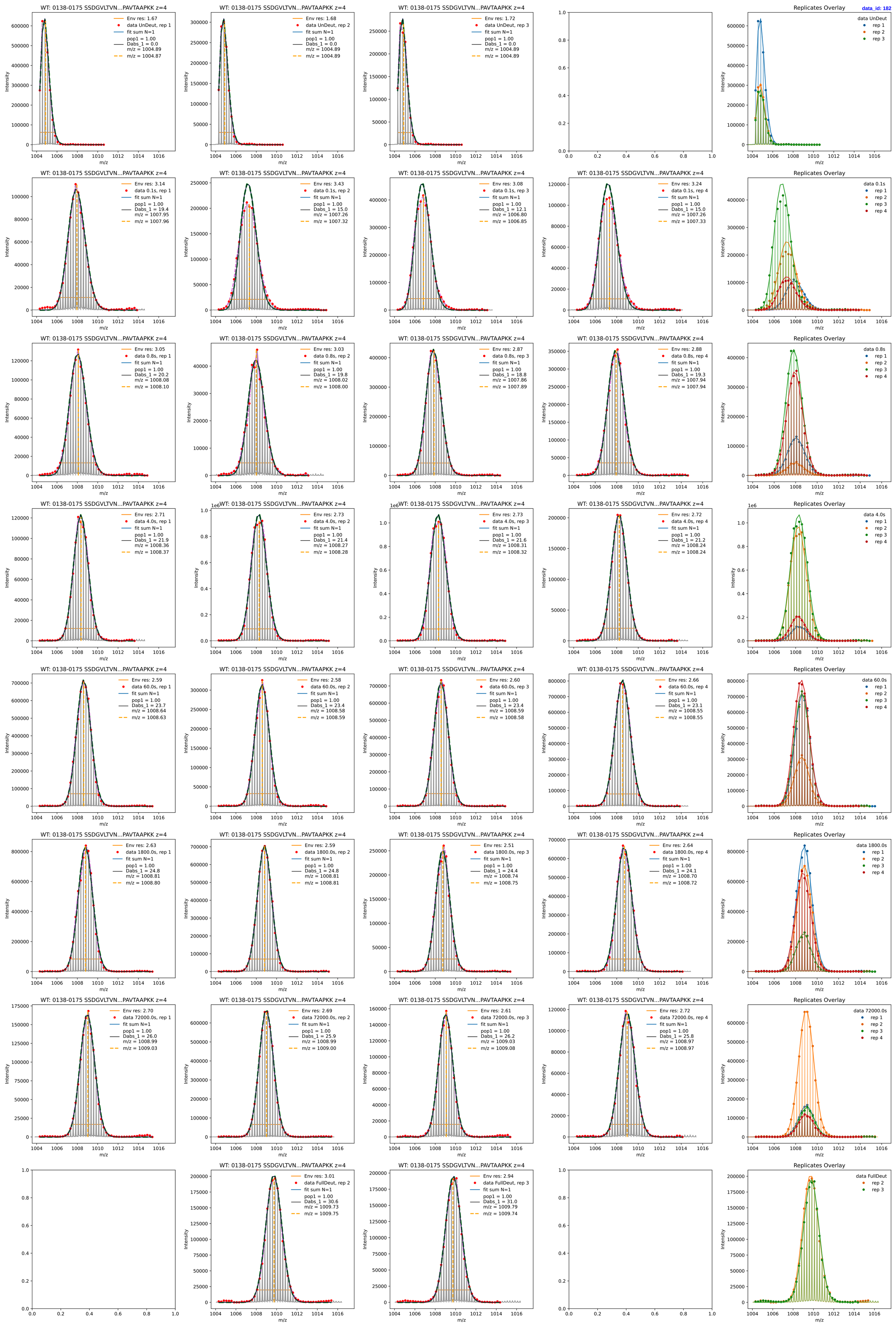
WT: 0118-0137 FHRKYRIPADVDPLTITSSL z=3
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
Replicates Overlay
UnDeut
0.1s, rep1
0.1s, rep2
0.1s, rep3
0.1s, rep4
0.1s
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
0.8s
4.0s, rep1
4.0s, rep2
4.0s, rep3
4.0s, rep4
4.0s
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, rep4
60.0s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

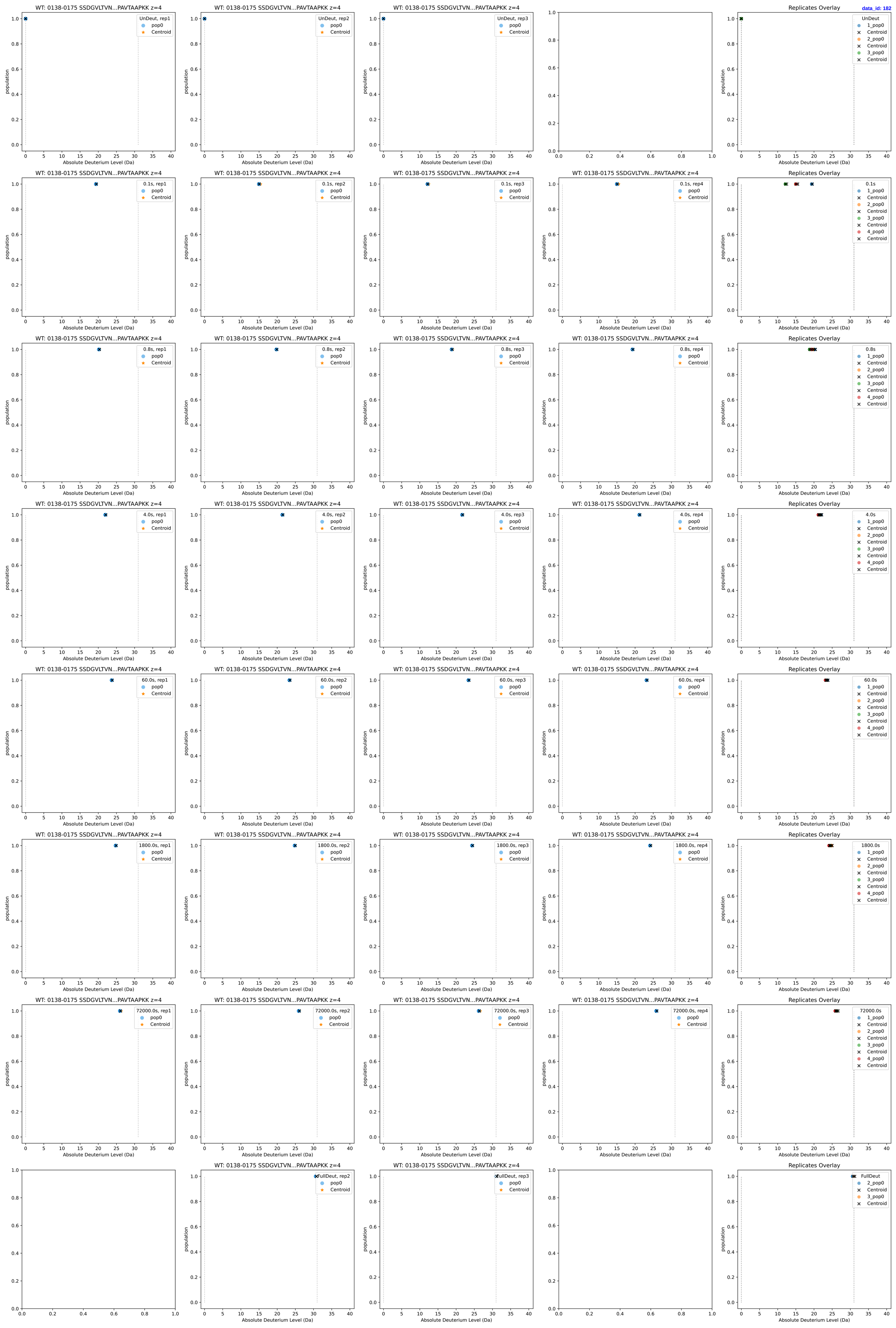

WT: 0118-0137 FHRKYRIPADVDPLTITSSL z=3
data_id: 176
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4

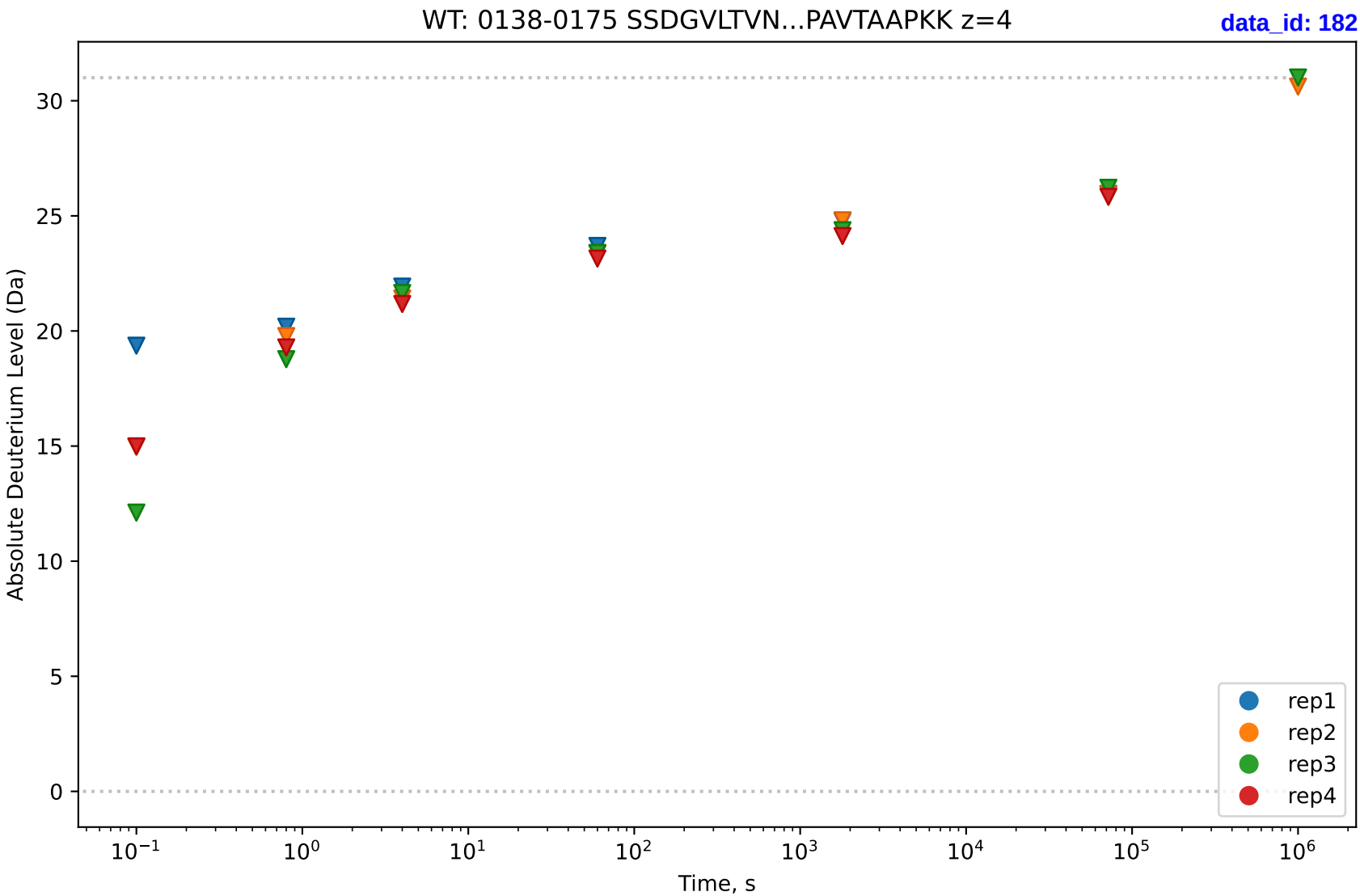

data_id: 179
WT: 0135-0143 SSLSSDGVL z=1
Env res: 0.76
data UnDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.0
m/z = 864.92
m/z = 864.81
Env res: 0.75
data UnDeut, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.0
m/z = 864.92
m/z = 864.79
Env res: 0.78
data UnDeut, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.0
m/z = 864.92
m/z = 864.85
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 1.42
data 0.1s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.5
m/z = 866.25
m/z = 866.32
Env res: 1.27
data 0.1s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 1.7
m/z = 865.84
m/z = 865.87
Env res: 1.25
data 0.1s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 1.4
m/z = 865.70
m/z = 865.73
Env res: 1.24
data 0.1s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 1.6
m/z = 865.79
m/z = 865.82
data 0.1s
rep 1
rep 2
rep 3
rep 4
Env res: 1.37
data 0.8s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.3
m/z = 866.13
m/z = 866.16
Env res: 1.33
data 0.8s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.2
m/z = 866.11
m/z = 866.12
Env res: 1.36
data 0.8s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.1
m/z = 866.07
m/z = 866.07
Env res: 1.32
data 0.8s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.0
m/z = 866.01
m/z = 866.04
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 1.19
data 4.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 1.8
m/z = 865.89
m/z = 865.93
Env res: 1.19
data 4.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 1.8
m/z = 865.88
m/z = 865.89
Env res: 1.26
data 4.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 1.8
m/z = 865.87
m/z = 865.86
Env res: 1.19
data 4.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 1.8
m/z = 865.92
m/z = 865.94
data 4.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.31
data 60.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.6
m/z = 866.30
m/z = 866.31
Env res: 1.34
data 60.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.5
m/z = 866.26
m/z = 866.27
Env res: 1.29
data 60.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.5
m/z = 866.28
m/z = 866.32
Env res: 1.33
data 60.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 2.5
m/z = 866.29
m/z = 866.31
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.32
data 1800.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.1
m/z = 867.13
m/z = 867.13
Env res: 1.35
data 1800.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.2
m/z = 867.20
m/z = 867.18
Env res: 1.34
data 1800.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.2
m/z = 867.18
m/z = 867.16
Env res: 1.35
data 1800.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 4.2
m/z = 867.18
m/z = 867.15
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.35
data 72000.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.3
m/z = 867.77
m/z = 867.74
Env res: 1.36
data 72000.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.3
m/z = 867.76
m/z = 867.76
Env res: 1.33
data 72000.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.4
m/z = 867.82
m/z = 867.81
Env res: 1.40
data 72000.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 5.3
m/z = 867.80
m/z = 867.75
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.37
data FullDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 7.0
m/z = 868.69
m/z = 868.73
Env res: 1.42
data FullDeut, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 6.9
m/z = 868.65
m/z = 868.66
Env res: 1.37
data FullDeut, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 7.0
m/z = 868.72
m/z = 868.71
data FullDeut
rep 1
rep 2
rep 3
Intensity
m/z

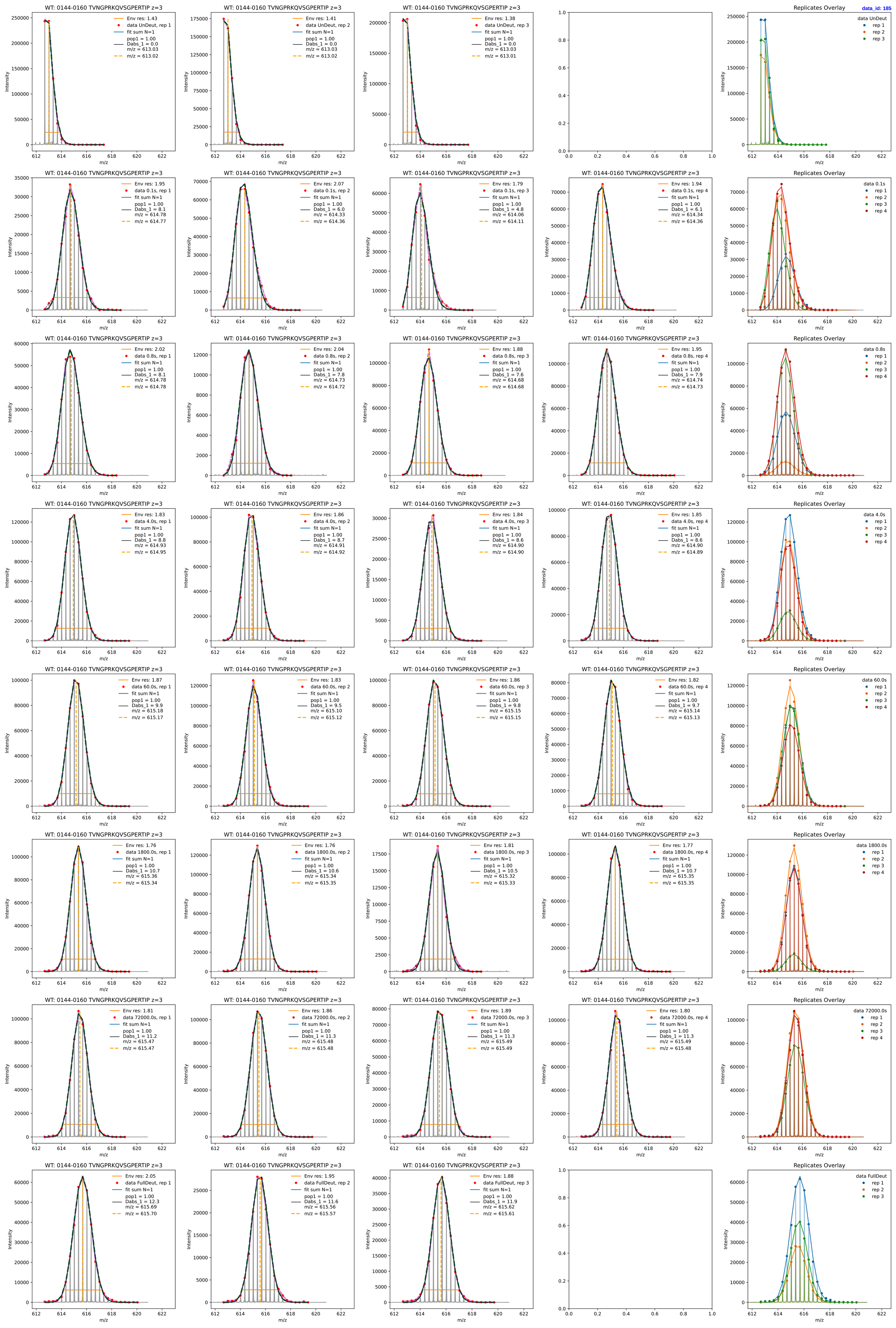
data_id: 179
WT: 0135-0143 SSLSSDGVL z=1
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
0.1s, rep1
0.1s, rep2
0.1s, rep3
0.1s, rep4
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
4.0s, rep1
4.0s, rep2
4.0s, rep3
4.0s, rep4
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, rep4
1800.0s, rep1
1800.0s, rep2
1800.0s, rep3
1800.0s, rep4
72000.0s, rep1
72000.0s, rep2
72000.0s, rep3
72000.0s, rep4
FullDeut, rep1
FullDeut, rep2
FullDeut, rep3
pop0
Centroid
Replicates Overlay
UnDeut
0.1s
0.8s
4.0s
60.0s
1800.0s
72000.0s
FullDeut
1_pop0
2_pop0
3_pop0
4_pop0
population
Absolute Deuterium Level (Da)


WT: 0135-0143 SSLSSDGVL z=1
data_id: 179
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4

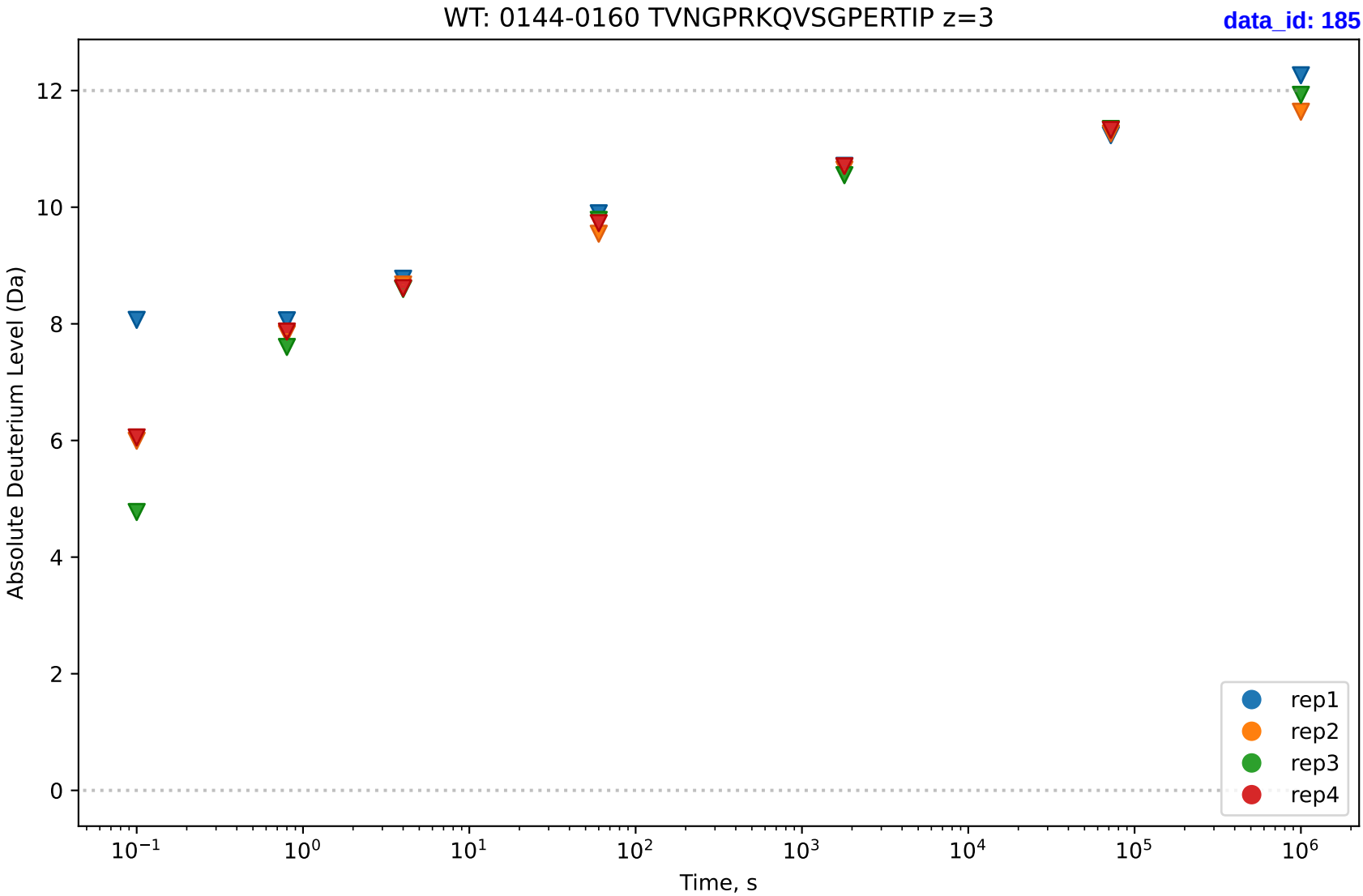

data_id: 182
WT: 0138-0175 SSDGVLTVN...PAVTAAPKK z=4
Env res: 1.67
data UnDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.0
m/z = 1004.89
m/z = 1004.87
Env res: 1.68
data UnDeut, rep 2
m/z = 1004.89
Env res: 1.72
data UnDeut, rep 3
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 3.14
data 0.1s, rep 1
Dabs_1 = 19.4
m/z = 1007.95
m/z = 1007.96
Env res: 3.43
data 0.1s, rep 2
Dabs_1 = 15.0
m/z = 1007.26
m/z = 1007.32
Env res: 3.08
data 0.1s, rep 3
Dabs_1 = 12.1
m/z = 1006.80
m/z = 1006.85
Env res: 3.24
data 0.1s, rep 4
Dabs_1 = 15.0
m/z = 1007.26
m/z = 1007.33
data 0.1s
rep 4
Env res: 3.05
data 0.8s, rep 1
Dabs_1 = 20.2
m/z = 1008.08
m/z = 1008.10
Env res: 3.03
data 0.8s, rep 2
Dabs_1 = 19.8
m/z = 1008.02
m/z = 1008.00
Env res: 2.87
data 0.8s, rep 3
Dabs_1 = 18.8
m/z = 1007.86
m/z = 1007.89
Env res: 2.88
data 0.8s, rep 4
Dabs_1 = 19.3
m/z = 1007.94
m/z = 1007.94
data 0.8s
Env res: 2.71
data 4.0s, rep 1
Dabs_1 = 21.9
m/z = 1008.36
m/z = 1008.37
Env res: 2.73
data 4.0s, rep 2
Dabs_1 = 21.4
m/z = 1008.27
m/z = 1008.28
Env res: 2.73
data 4.0s, rep 3
Dabs_1 = 21.6
m/z = 1008.31
m/z = 1008.32
Env res: 2.72
data 4.0s, rep 4
Dabs_1 = 21.2
m/z = 1008.24
m/z = 1008.24
data 4.0s
Env res: 2.59
data 60.0s, rep 1
Dabs_1 = 23.7
m/z = 1008.64
m/z = 1008.63
Env res: 2.58
data 60.0s, rep 2
Dabs_1 = 23.4
m/z = 1008.58
m/z = 1008.59
Env res: 2.60
data 60.0s, rep 3
Dabs_1 = 23.4
m/z = 1008.59
m/z = 1008.58
Env res: 2.66
data 60.0s, rep 4
Dabs_1 = 23.1
m/z = 1008.55
m/z = 1008.55
data 60.0s
Env res: 2.63
data 1800.0s, rep 1
Dabs_1 = 24.8
m/z = 1008.81
m/z = 1008.80
Env res: 2.59
data 1800.0s, rep 2
Dabs_1 = 24.8
m/z = 1008.81
m/z = 1008.81
Env res: 2.51
data 1800.0s, rep 3
Dabs_1 = 24.4
m/z = 1008.74
m/z = 1008.75
Env res: 2.64
data 1800.0s, rep 4
Dabs_1 = 24.1
m/z = 1008.70
m/z = 1008.72
data 1800.0s
Env res: 2.70
data 72000.0s, rep 1
Dabs_1 = 26.0
m/z = 1008.99
m/z = 1009.03
Env res: 2.69
data 72000.0s, rep 2
Dabs_1 = 25.9
m/z = 1008.99
m/z = 1009.00
Env res: 2.61
data 72000.0s, rep 3
Dabs_1 = 26.2
m/z = 1009.03
m/z = 1009.08
Env res: 2.72
data 72000.0s, rep 4
Dabs_1 = 25.8
m/z = 1008.97
m/z = 1008.97
data 72000.0s
Env res: 3.01
data FullDeut, rep 2
Dabs_1 = 30.6
m/z = 1009.73
m/z = 1009.75
Env res: 2.94
data FullDeut, rep 3
Dabs_1 = 31.0
m/z = 1009.79
m/z = 1009.74
data FullDeut
Intensity
m/z

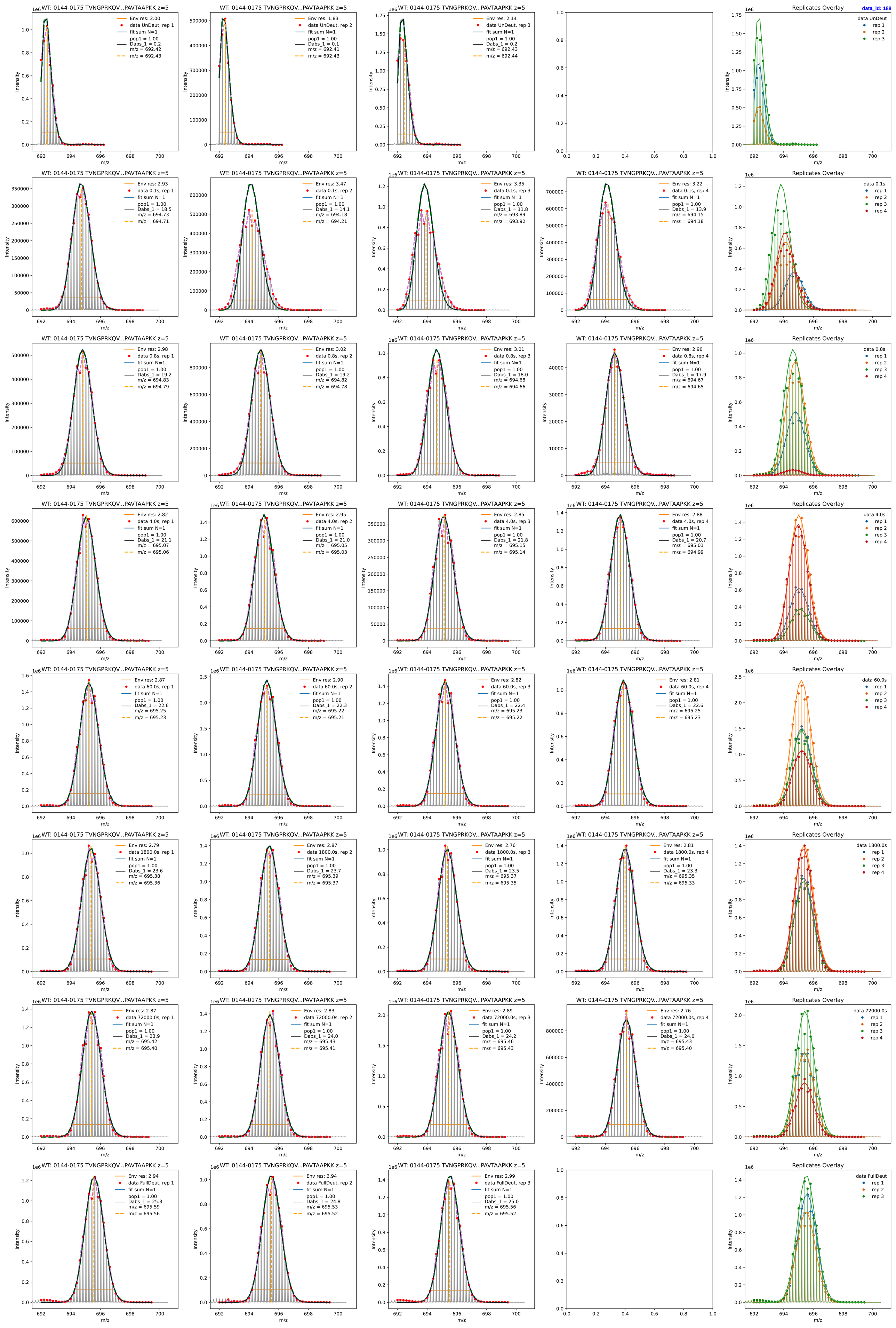

data_id: 182
WT: 0138-0175 SSDGVLTVN...PAVTAAPKK z=4
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
Replicates Overlay
UnDeut
1_pop0
2_pop0
3_pop0
0.1s, rep1
0.1s, rep2
0.1s, rep3
0.1s, rep4
0.1s
4_pop0
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
0.8s
4.0s, rep1
4.0s, rep2
4.0s, rep3
4.0s, rep4
4.0s
60.0s, rep1
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, rep3
FullDeut
pop0
Centroid
population
Absolute Deuterium Level (Da)


WT: 0138-0175 SSDGVLTVN...PAVTAAPKK z=4
data_id: 182
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4

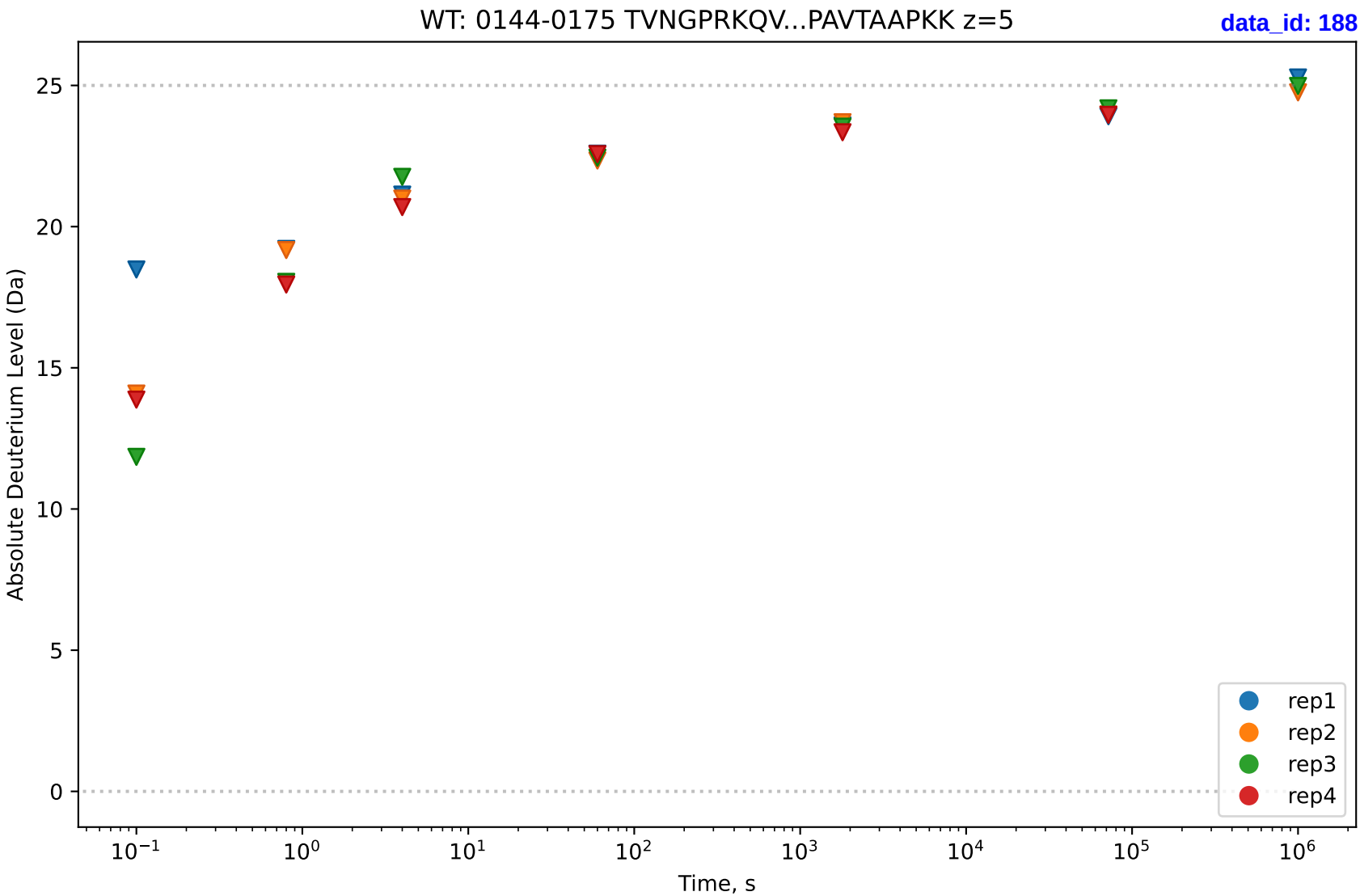

data_id: 185
WT: 0144-0160 TVNGPRKQVSGPERTIP z=3
Env res: 1.43
data UnDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.0
m/z = 613.03
m/z = 613.02
Env res: 1.41
data UnDeut, rep 2
Dabs_1 = 0.0
m/z = 613.03
m/z = 613.02
Env res: 1.38
data UnDeut, rep 3
Dabs_1 = 0.0
m/z = 613.03
m/z = 613.01
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 1.95
data 0.1s, rep 1
Dabs_1 = 8.1
m/z = 614.78
m/z = 614.77
Env res: 2.07
data 0.1s, rep 2
Dabs_1 = 6.0
m/z = 614.33
m/z = 614.36
Env res: 1.79
data 0.1s, rep 3
Dabs_1 = 4.8
m/z = 614.06
m/z = 614.11
Env res: 1.94
data 0.1s, rep 4
Dabs_1 = 6.1
m/z = 614.34
m/z = 614.36
data 0.1s
rep 1
rep 2
rep 3
rep 4
Env res: 2.02
data 0.8s, rep 1
Dabs_1 = 8.1
m/z = 614.78
m/z = 614.78
Env res: 2.04
data 0.8s, rep 2
Dabs_1 = 7.8
m/z = 614.73
m/z = 614.72
Env res: 1.88
data 0.8s, rep 3
Dabs_1 = 7.6
m/z = 614.68
m/z = 614.68
Env res: 1.95
data 0.8s, rep 4
Dabs_1 = 7.9
m/z = 614.74
m/z = 614.73
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 1.83
data 4.0s, rep 1
Dabs_1 = 8.8
m/z = 614.93
m/z = 614.95
Env res: 1.86
data 4.0s, rep 2
Dabs_1 = 8.7
m/z = 614.91
m/z = 614.92
Env res: 1.84
data 4.0s, rep 3
Dabs_1 = 8.6
m/z = 614.90
m/z = 614.90
Env res: 1.85
data 4.0s, rep 4
Dabs_1 = 8.6
m/z = 614.90
m/z = 614.89
data 4.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.87
data 60.0s, rep 1
Dabs_1 = 9.9
m/z = 615.18
m/z = 615.17
Env res: 1.83
data 60.0s, rep 2
Dabs_1 = 9.5
m/z = 615.10
m/z = 615.12
Env res: 1.86
data 60.0s, rep 3
Dabs_1 = 9.8
m/z = 615.15
m/z = 615.15
Env res: 1.82
data 60.0s, rep 4
Dabs_1 = 9.7
m/z = 615.14
m/z = 615.13
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.76
data 1800.0s, rep 1
Dabs_1 = 10.7
m/z = 615.36
m/z = 615.34
Env res: 1.76
data 1800.0s, rep 2
Dabs_1 = 10.6
m/z = 615.34
m/z = 615.35
Env res: 1.81
data 1800.0s, rep 3
Dabs_1 = 10.5
m/z = 615.32
m/z = 615.33
Env res: 1.77
data 1800.0s, rep 4
Dabs_1 = 10.7
m/z = 615.35
m/z = 615.35
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 1.81
data 72000.0s, rep 1
Dabs_1 = 11.2
m/z = 615.47
m/z = 615.47
Env res: 1.86
data 72000.0s, rep 2
Dabs_1 = 11.3
m/z = 615.48
m/z = 615.48
Env res: 1.89
data 72000.0s, rep 3
Dabs_1 = 11.3
m/z = 615.49
m/z = 615.49
Env res: 1.80
data 72000.0s, rep 4
Dabs_1 = 11.3
m/z = 615.49
m/z = 615.48
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 2.05
data FullDeut, rep 1
Dabs_1 = 12.3
m/z = 615.69
m/z = 615.70
Env res: 1.95
data FullDeut, rep 2
Dabs_1 = 11.6
m/z = 615.56
m/z = 615.57
Env res: 1.88
data FullDeut, rep 3
Dabs_1 = 11.9
m/z = 615.62
m/z = 615.61
data FullDeut
rep 1
rep 2
rep 3
Intensity
m/z

WT: 0144-0160 TVNGPRKQVSGPERTIP z=3
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
Replicates Overlay
UnDeut
1_pop0
2_pop0
3_pop0
0.1s, rep1
0.1s, rep2
0.1s, rep3
0.1s, rep4
0.1s
4_pop0
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, rep4
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, rep3
FullDeut
pop0
Centroid
population
Absolute Deuterium Level (Da)

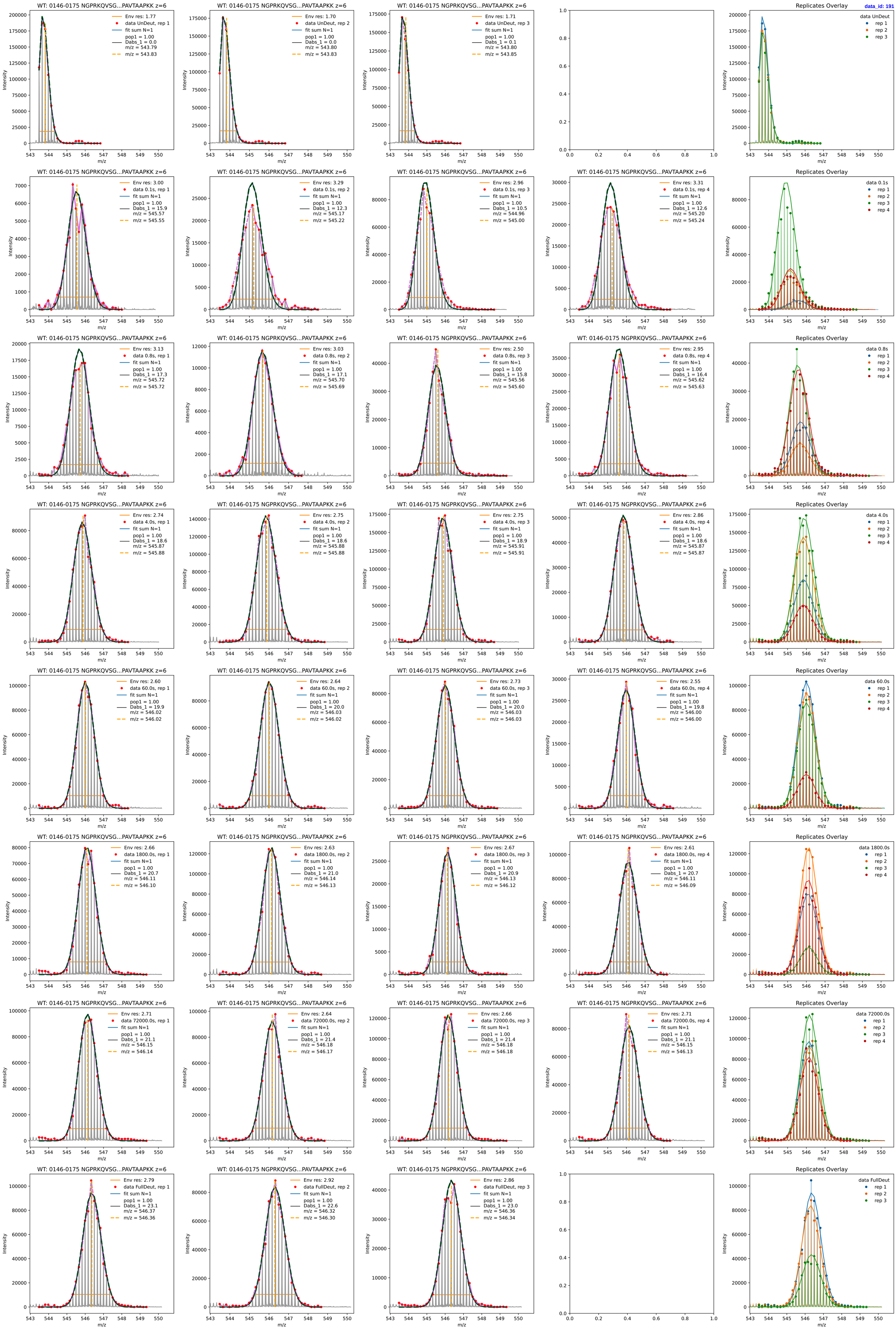

WT: 0144-0160 TVNGPRKQVSGPERTIP z=3
data_id: 185
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4


data_id: 188
WT: 0144-0175 TVNGPRKQV...PAVTAAPKK z=5
Env res: 2.00
data UnDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.2
m/z = 692.42
m/z = 692.43
Env res: 1.83
data UnDeut, rep 2
pop1 = 1.00
Dabs_1 = 0.1
m/z = 692.41
m/z = 692.43
Env res: 2.14
data UnDeut, rep 3
pop1 = 1.00
Dabs_1 = 0.2
m/z = 692.43
m/z = 692.44
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 2.93
data 0.1s, rep 1
pop1 = 1.00
Dabs_1 = 18.5
m/z = 694.73
m/z = 694.71
Env res: 3.47
data 0.1s, rep 2
pop1 = 1.00
Dabs_1 = 14.1
m/z = 694.18
m/z = 694.21
Env res: 3.35
data 0.1s, rep 3
pop1 = 1.00
Dabs_1 = 11.8
m/z = 693.89
m/z = 693.92
Env res: 3.22
data 0.1s, rep 4
pop1 = 1.00
Dabs_1 = 13.9
m/z = 694.15
m/z = 694.18
data 0.1s
rep 1
rep 2
rep 3
rep 4
Env res: 2.98
data 0.8s, rep 1
pop1 = 1.00
Dabs_1 = 19.2
m/z = 694.83
m/z = 694.79
Env res: 3.02
data 0.8s, rep 2
pop1 = 1.00
Dabs_1 = 19.2
m/z = 694.82
m/z = 694.78
Env res: 3.01
data 0.8s, rep 3
pop1 = 1.00
Dabs_1 = 18.0
m/z = 694.68
m/z = 694.66
Env res: 2.90
data 0.8s, rep 4
pop1 = 1.00
Dabs_1 = 17.9
m/z = 694.67
m/z = 694.65
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 2.82
data 4.0s, rep 1
pop1 = 1.00
Dabs_1 = 21.1
m/z = 695.07
m/z = 695.06
Env res: 2.95
data 4.0s, rep 2
pop1 = 1.00
Dabs_1 = 21.0
m/z = 695.05
m/z = 695.03
Env res: 2.85
data 4.0s, rep 3
pop1 = 1.00
Dabs_1 = 21.8
m/z = 695.15
m/z = 695.14
Env res: 2.88
data 4.0s, rep 4
pop1 = 1.00
Dabs_1 = 20.7
m/z = 694.15
m/z = 694.18
data 4.0s
rep 1
rep 2
rep 3
rep 4
Env res: 2.87
data 60.0s, rep 1
pop1 = 1.00
Dabs_1 = 22.6
m/z = 695.25
m/z = 695.23
Env res: 2.90
data 60.0s, rep 2
pop1 = 1.00
Dabs_1 = 22.3
m/z = 695.22
m/z = 695.21
Env res: 2.82
data 60.0s, rep 3
pop1 = 1.00
Dabs_1 = 22.4
m/z = 695.23
m/z = 695.22
Env res: 2.81
data 60.0s, rep 4
pop1 = 1.00
Dabs_1 = 22.6
m/z = 695.25
m/z = 695.23
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 2.79
data 1800.0s, rep 1
pop1 = 1.00
Dabs_1 = 23.6
m/z = 695.38
m/z = 695.36
Env res: 2.87
data 1800.0s, rep 2
pop1 = 1.00
Dabs_1 = 23.7
m/z = 695.39
m/z = 695.37
Env res: 2.76
data 1800.0s, rep 3
pop1 = 1.00
Dabs_1 = 23.5
m/z = 695.37
m/z = 695.35
Env res: 2.81
data 1800.0s, rep 4
pop1 = 1.00
Dabs_1 = 23.3
m/z = 695.35
m/z = 695.33
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 2.87
data 72000.0s, rep 1
pop1 = 1.00
Dabs_1 = 23.9
m/z = 695.42
m/z = 695.40
Env res: 2.83
data 72000.0s, rep 2
pop1 = 1.00
Dabs_1 = 24.0
m/z = 695.43
m/z = 695.41
Env res: 2.89
data 72000.0s, rep 3
pop1 = 1.00
Dabs_1 = 24.2
m/z = 695.46
m/z = 695.43
Env res: 2.76
data 72000.0s, rep 4
pop1 = 1.00
Dabs_1 = 24.0
m/z = 695.43
m/z = 695.40
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 2.94
data FullDeut, rep 1
pop1 = 1.00
Dabs_1 = 25.3
m/z = 695.59
m/z = 695.56
Env res: 2.94
data FullDeut, rep 2
pop1 = 1.00
Dabs_1 = 24.8
m/z = 695.53
m/z = 695.52
Env res: 2.99
data FullDeut, rep 3
pop1 = 1.00
Dabs_1 = 25.0
m/z = 695.56
m/z = 695.52
data FullDeut
rep 1
rep 2
rep 3
Intensity
m/z

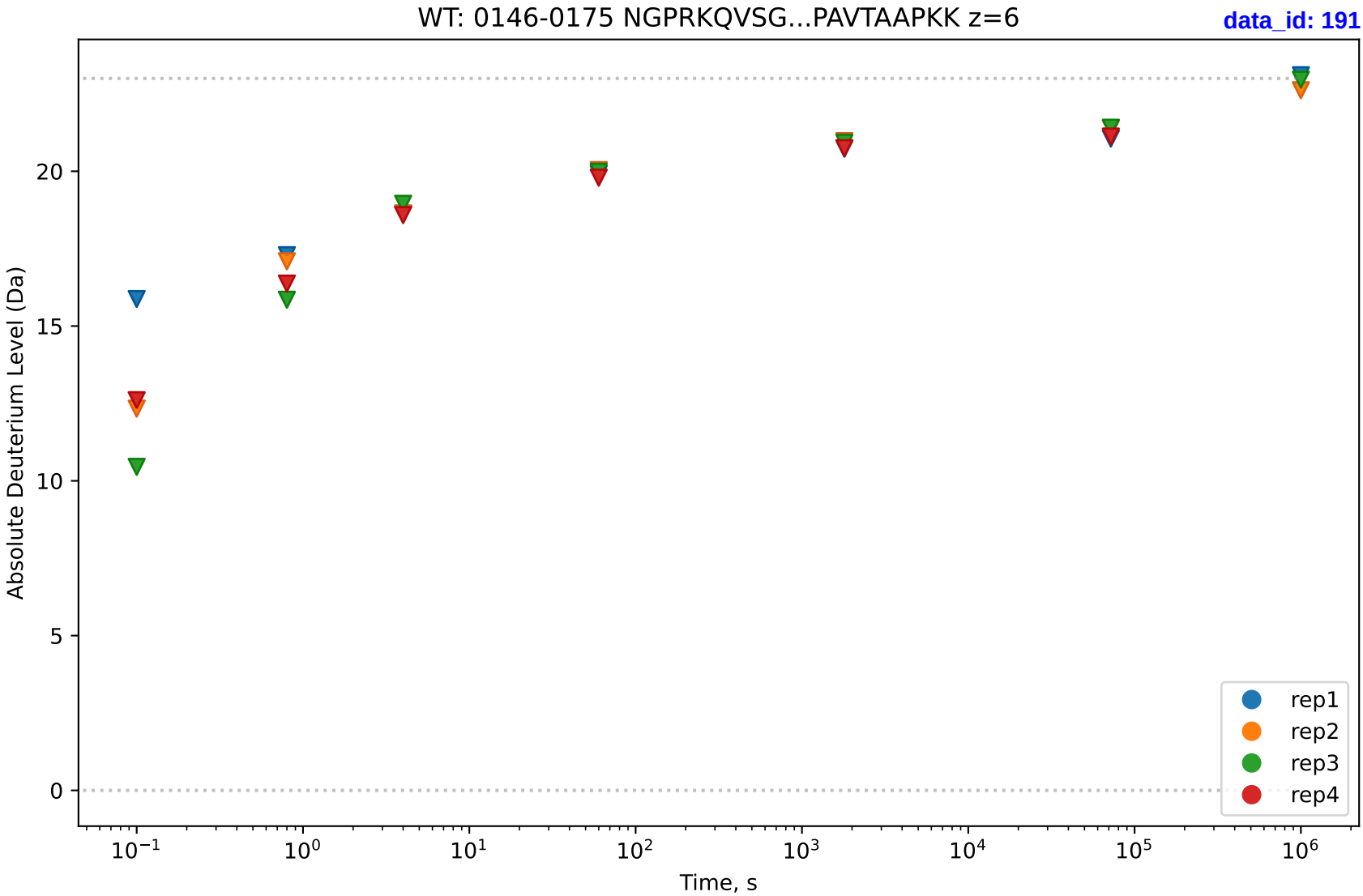
data_id: 188
WT: 0144-0175 TVNGPRKQV...PAVTAAPKK z=5
Replicates Overlay
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
UnDeut
0.1s, rep1
0.1s, rep2
0.1s, rep3
0.1s, rep4
0.1s
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
0.8s
4.0s, rep1
4.0s, rep2
4.0s, rep3
4.0s, rep4
4.0s
60.0s, rep1
60.0s, rep2
60.0s, rep3
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, rep3
FullDeut
pop0
1_pop0
2_pop0
3_pop0
4_pop0
Centroid
population
Absolute Deuterium Level (Da)


WT: 0144-0175 TVNGPRKQV...PAVTAAPKK z=5
data_id: 188
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4

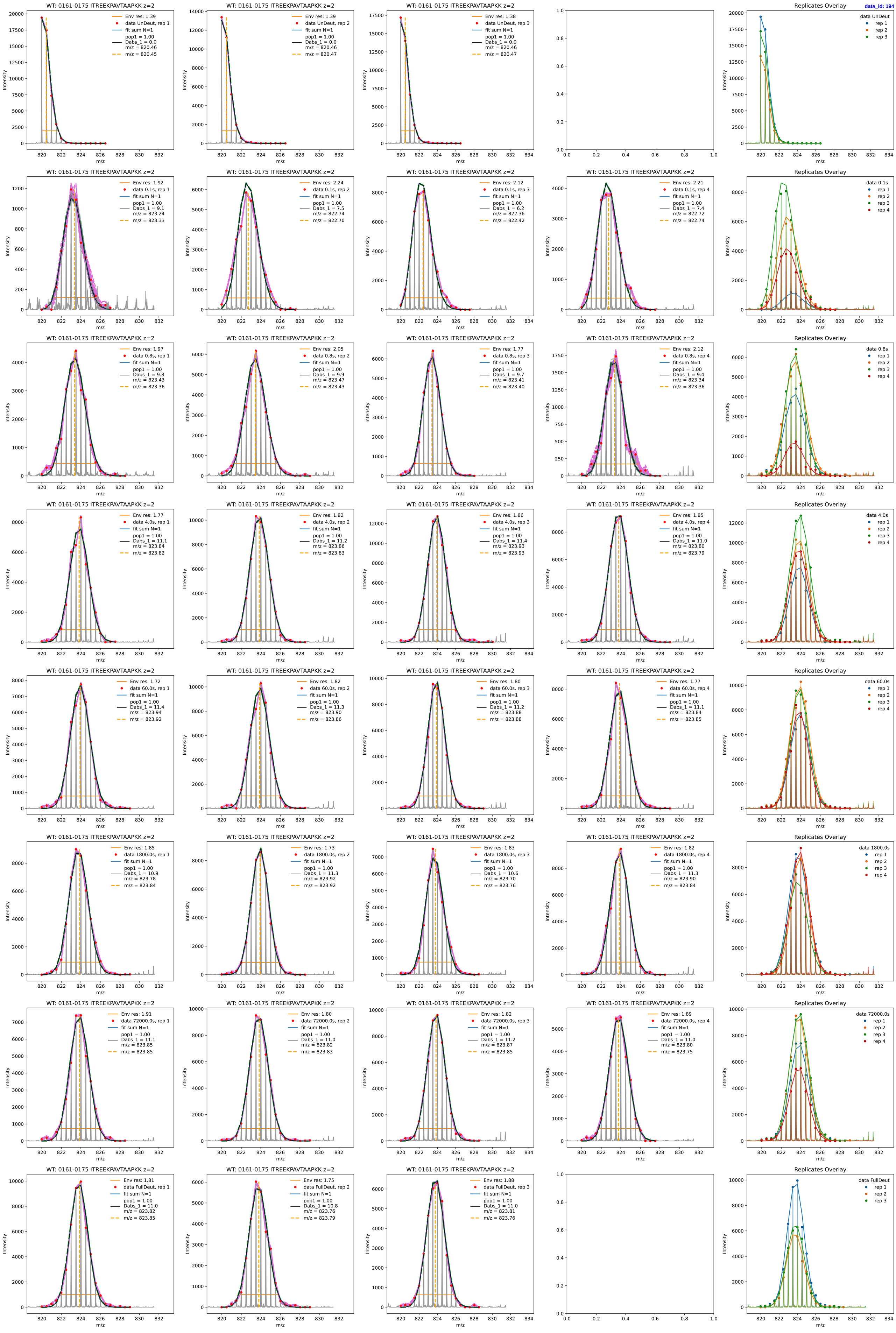
data_id: 191

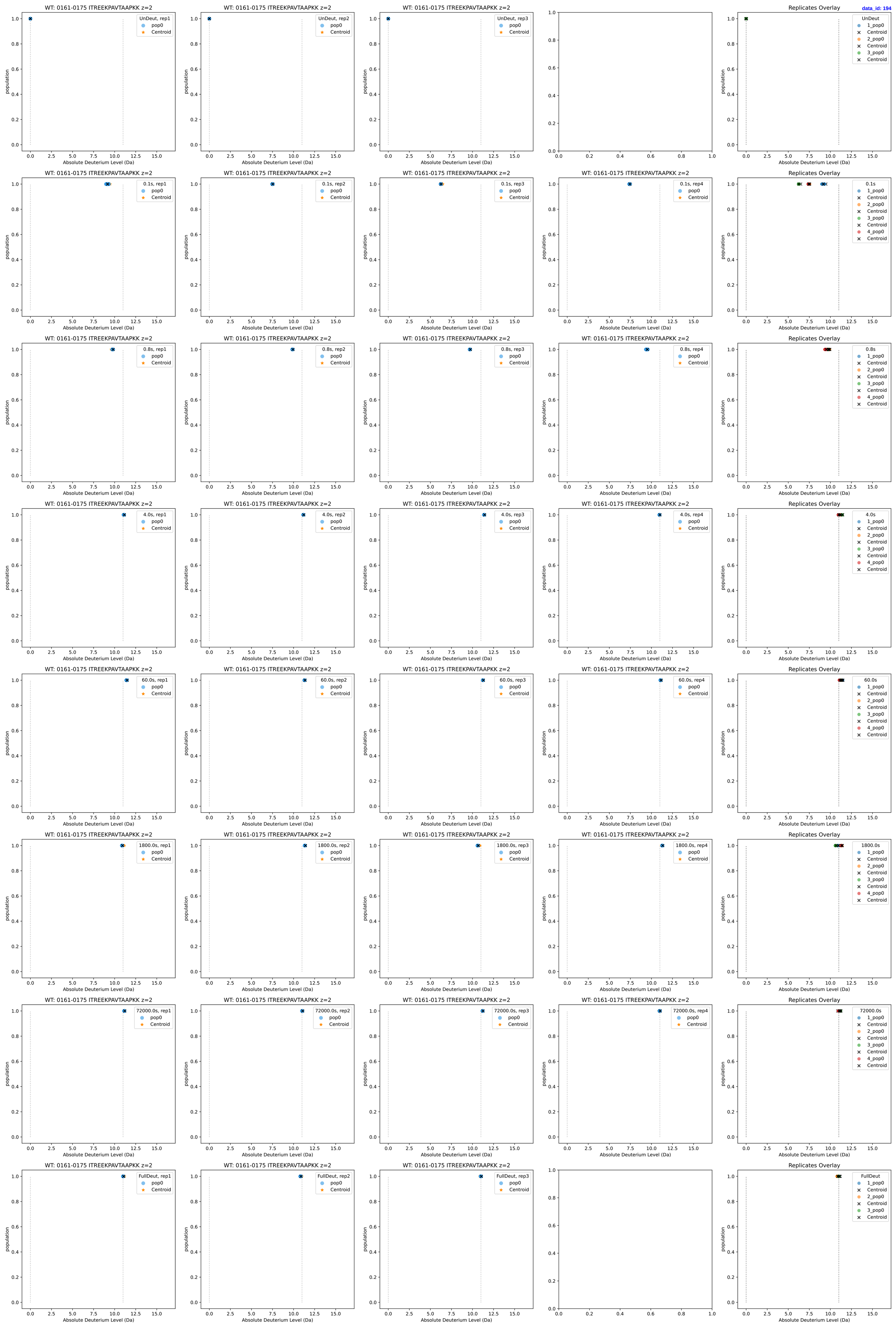

WT: 0146-0175 NGPRKQVSG...PAVTAAPKK z=6
Env res: 1.77
data UnDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.0
m/z = 543.79
m/z = 543.83
Env res: 1.70
data UnDeut, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.0
m/z = 543.80
m/z = 543.83
Env res: 1.71
data UnDeut, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.1
m/z = 543.80
m/z = 543.85
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
Env res: 3.00
data 0.1s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 15.9
m/z = 545.57
m/z = 545.55
Env res: 3.29
data 0.1s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 12.3
m/z = 545.17
m/z = 545.22
Env res: 2.96
data 0.1s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 10.5
m/z = 544.96
m/z = 545.00
Env res: 3.31
data 0.1s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 12.6
m/z = 545.20
m/z = 545.24
Replicates Overlay
data 0.1s
rep 1
rep 2
rep 3
rep 4
Env res: 3.13
data 0.8s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 17.3
m/z = 545.72
m/z = 545.72
Env res: 3.03
data 0.8s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 17.1
m/z = 545.70
m/z = 545.69
Env res: 2.50
data 0.8s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 15.8
m/z = 545.56
m/z = 545.60
Env res: 2.95
data 0.8s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 16.4
m/z = 545.62
m/z = 545.63
Replicates Overlay
data 0.8s
rep 1
rep 2
rep 3
rep 4
Env res: 2.74
data 4.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 18.6
m/z = 545.87
m/z = 545.88
Env res: 2.75
data 4.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 18.6
m/z = 545.88
m/z = 545.88
Env res: 2.75
data 4.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 18.9
m/z = 545.91
m/z = 545.91
Env res: 2.86
data 4.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 18.6
m/z = 545.87
m/z = 545.87
Replicates Overlay
data 4.0s
rep 1
rep 2
rep 3
rep 4
Env res: 2.60
data 60.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 19.9
m/z = 546.02
m/z = 546.02
Env res: 2.64
data 60.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 20.0
m/z = 546.03
m/z = 546.02
Env res: 2.73
data 60.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 20.0
m/z = 546.03
m/z = 546.03
Env res: 2.55
data 60.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 19.8
m/z = 546.00
m/z = 546.00
Replicates Overlay
data 60.0s
rep 1
rep 2
rep 3
rep 4
Env res: 2.66
data 1800.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 20.7
m/z = 546.11
m/z = 546.10
Env res: 2.63
data 1800.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 21.0
m/z = 546.14
m/z = 546.13
Env res: 2.67
data 1800.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 20.9
m/z = 546.13
m/z = 546.12
Env res: 2.61
data 1800.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 20.7
m/z = 546.11
m/z = 546.09
Replicates Overlay
data 1800.0s
rep 1
rep 2
rep 3
rep 4
Env res: 2.71
data 72000.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 21.1
m/z = 546.15
m/z = 546.14
Env res: 2.64
data 72000.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 21.4
m/z = 546.18
m/z = 546.17
Env res: 2.66
data 72000.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 21.4
m/z = 546.18
m/z = 546.18
Env res: 2.71
data 72000.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 21.1
m/z = 546.15
m/z = 546.13
Replicates Overlay
data 72000.0s
rep 1
rep 2
rep 3
rep 4
Env res: 2.79
data FullDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 23.1
m/z = 546.37
m/z = 546.36
Env res: 2.92
data FullDeut, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 22.6
m/z = 546.32
m/z = 546.30
Env res: 2.86
data FullDeut, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 23.0
m/z = 546.36
m/z = 546.34
Replicates Overlay
data FullDeut
rep 1
rep 2
rep 3
Intensity
m/z

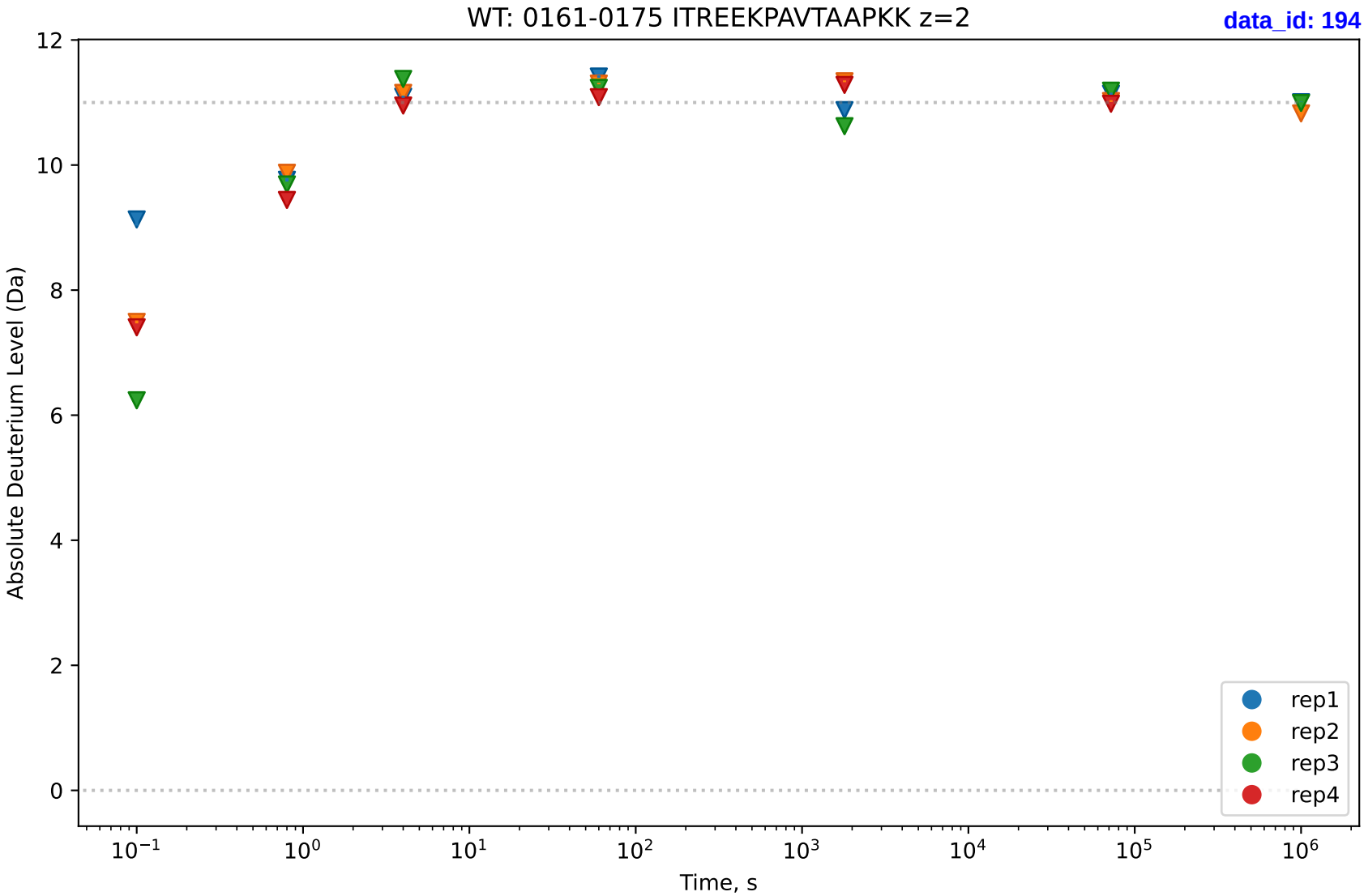
data_id: 191
WT: 0146-0175 NGPRKQVSG...PAVTAAPKK z=6
UnDeut, rep1
UnDeut, rep2
UnDeut, rep3
0.1s, rep1
0.1s, rep2
0.1s, rep3
0.1s, rep4
0.8s, rep1
0.8s, rep2
0.8s, rep3
0.8s, rep4
4.0s, rep1
4.0s, rep2
4.0s, rep3
4.0s, rep4
60.0s, rep1
60.0s, rep2
60.0s, rep3
60.0s, rep4
1800.0s, rep1
1800.0s, rep2
1800.0s, rep3
1800.0s, rep4
72000.0s, rep1
72000.0s, rep2
72000.0s, rep3
72000.0s, rep4
FullDeut, rep1
FullDeut, rep2
FullDeut, rep3
pop0
Centroid
Replicates Overlay
UnDeut
0.1s
0.8s
4.0s
60.0s
1800.0s
72000.0s
FullDeut
1_pop0
2_pop0
3_pop0
4_pop0
population
Absolute Deuterium Level (Da)


WT: 0146-0175 NGPRKQVSG...PAVTAAPKK z=6
data_id: 191
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4

data_id: 194


WT: 0161-0175 ITREEKPAVTAAPKK z=2
Env res: 1.39
data UnDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.0
m/z = 820.46
m/z = 820.45
Intensity
m/z
WT: 0161-0175 ITREEKPAVTAAPKK z=2
Env res: 1.39
data UnDeut, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.0
m/z = 820.46
m/z = 820.47
WT: 0161-0175 ITREEKPAVTAAPKK z=2
Env res: 1.38
data UnDeut, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 0.0
m/z = 820.46
m/z = 820.47
Replicates Overlay
data UnDeut
rep 1
rep 2
rep 3
WT: 0161-0175 ITREEKPAVTAAPKK z=2
Env res: 1.92
data 0.1s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 9.1
m/z = 823.24
m/z = 823.33
WT: 0161-0175 ITREEKPAVTAAPKK z=2
Env res: 2.24
data 0.1s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 7.5
m/z = 822.74
m/z = 822.70
WT: 0161-0175 ITREEKPAVTAAPKK z=2
Env res: 2.12
data 0.1s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 6.2
m/z = 822.36
m/z = 822.42
WT: 0161-0175 ITREEKPAVTAAPKK z=2
Env res: 2.21
data 0.1s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 7.4
m/z = 822.72
m/z = 822.74
Replicates Overlay
data 0.1s
rep 1
rep 2
rep 3
rep 4
WT: 0161-0175 ITREEKPAVTAAPKK z=2
Env res: 1.97
data 0.8s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 9.8
m/z = 823.43
m/z = 823.36
WT: 0161-0175 ITREEKPAVTAAPKK z=2
Env res: 2.05
data 0.8s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 9.9
m/z = 823.47
m/z = 823.43
WT: 0161-0175 ITREEKPAVTAAPKK z=2
Env res: 1.77
data 0.8s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 9.7
m/z = 823.41
m/z = 823.40
WT: 0161-0175 ITREEKPAVTAAPKK z=2
Env res: 2.12
data 0.8s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 9.4
m/z = 823.34
m/z = 823.36
Replicates Overlay
data 0.8s
rep 1
rep 2
rep 3
rep 4
WT: 0161-0175 ITREEKPAVTAAPKK z=2
Env res: 1.77
data 4.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 11.1
m/z = 823.84
m/z = 823.82
WT: 0161-0175 ITREEKPAVTAAPKK z=2
Env res: 1.82
data 4.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 11.2
m/z = 823.86
m/z = 823.83
WT: 0161-0175 ITREEKPAVTAAPKK z=2
Env res: 1.86
data 4.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 11.4
m/z = 823.93
m/z = 823.93
WT: 0161-0175 ITREEKPAVTAAPKK z=2
Env res: 1.85
data 4.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 11.0
m/z = 823.80
m/z = 823.79
Replicates Overlay
data 4.0s
rep 1
rep 2
rep 3
rep 4
WT: 0161-0175 ITREEKPAVTAAPKK z=2
Env res: 1.72
data 60.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 11.4
m/z = 823.94
m/z = 823.92
WT: 0161-0175 ITREEKPAVTAAPKK z=2
Env res: 1.82
data 60.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 11.3
m/z = 823.90
m/z = 823.86
WT: 0161-0175 ITREEKPAVTAAPKK z=2
Env res: 1.80
data 60.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 11.2
m/z = 823.88
m/z = 823.88
WT: 0161-0175 ITREEKPAVTAAPKK z=2
Env res: 1.77
data 60.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 11.1
m/z = 823.84
m/z = 823.85
Replicates Overlay
data 60.0s
rep 1
rep 2
rep 3
rep 4
WT: 0161-0175 ITREEKPAVTAAPKK z=2
Env res: 1.85
data 1800.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 10.9
m/z = 823.78
m/z = 823.84
WT: 0161-0175 ITREEKPAVTAAPKK z=2
Env res: 1.73
data 1800.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 11.3
m/z = 823.92
m/z = 823.92
WT: 0161-0175 ITREEKPAVTAAPKK z=2
Env res: 1.83
data 1800.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 10.6
m/z = 823.70
m/z = 823.76
WT: 0161-0175 ITREEKPAVTAAPKK z=2
Env res: 1.82
data 1800.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 11.3
m/z = 823.90
m/z = 823.84
Replicates Overlay
data 1800.0s
rep 1
rep 2
rep 3
rep 4
WT: 0161-0175 ITREEKPAVTAAPKK z=2
Env res: 1.91
data 72000.0s, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 11.1
m/z = 823.85
m/z = 823.85
WT: 0161-0175 ITREEKPAVTAAPKK z=2
Env res: 1.80
data 72000.0s, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 11.0
m/z = 823.82
m/z = 823.83
WT: 0161-0175 ITREEKPAVTAAPKK z=2
Env res: 1.82
data 72000.0s, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 11.2
m/z = 823.87
m/z = 823.85
WT: 0161-0175 ITREEKPAVTAAPKK z=2
Env res: 1.89
data 72000.0s, rep 4
fit sum N=1
pop1 = 1.00
Dabs_1 = 11.0
m/z = 823.80
m/z = 823.75
Replicates Overlay
data 72000.0s
rep 1
rep 2
rep 3
rep 4
WT: 0161-0175 ITREEKPAVTAAPKK z=2
Env res: 1.81
data FullDeut, rep 1
fit sum N=1
pop1 = 1.00
Dabs_1 = 11.0
m/z = 823.82
m/z = 823.85
WT: 0161-0175 ITREEKPAVTAAPKK z=2
Env res: 1.75
data FullDeut, rep 2
fit sum N=1
pop1 = 1.00
Dabs_1 = 10.8
m/z = 823.76
m/z = 823.79
WT: 0161-0175 ITREEKPAVTAAPKK z=2
Env res: 1.88
data FullDeut, rep 3
fit sum N=1
pop1 = 1.00
Dabs_1 = 11.0
m/z = 823.81
m/z = 823.76
Replicates Overlay
data FullDeut
rep 1
rep 2
rep 3


data_id: 194
WT: 0161-0175 ITREEKPAVTAAPKK 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, rep4
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, rep3
FullDeut
pop0
Centroid
1_pop0
2_pop0
3_pop0
4_pop0
population
Absolute Deuterium Level (Da)


WT: 0161-0175 ITREEKPAVTAAPKK z=2
data_id: 194
Absolute Deuterium Level (Da)
Time, s
rep1
rep2
rep3
rep4