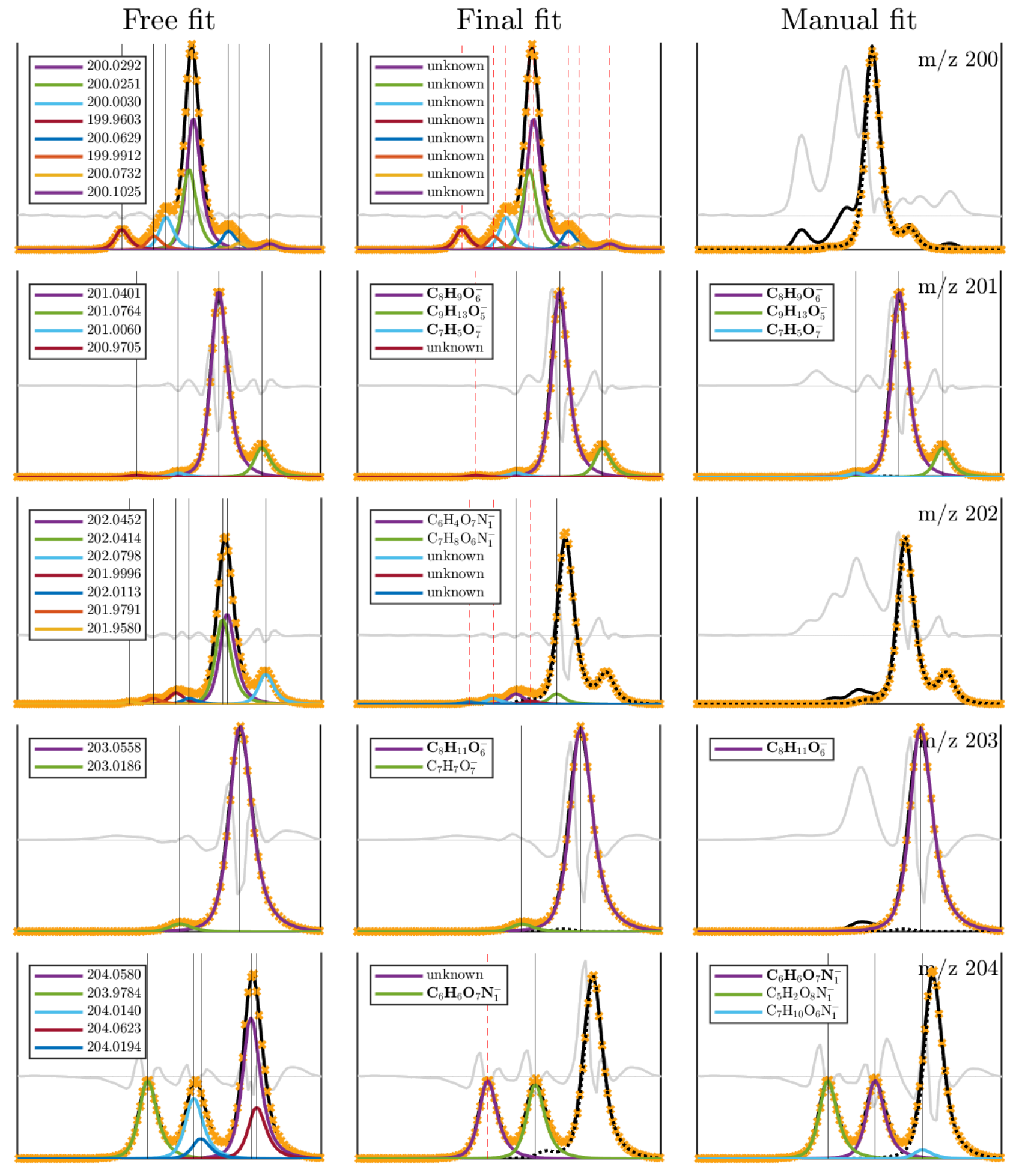
Free fit
Final fit
Manual fit
200.0292
200.0251
200.0030
199.9603
200.0629
199.9912
200.0732
200.1025
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unknown
unknown
unknown
unknown
unknown
unknown
unknown
m/z 200
201.0401
201.0764
201.0060
200.9705
C8H9O6−
C9H13O5−
C7H5O7−
unknown
C8H9O6−
C9H13O5−
C7H5O7−
m/z 201
202.0452
202.0414
202.0798
201.9996
202.0113
201.9791
201.9580
C6H4O7N1−
C7H8O6N1−
unknown
unknown
unknown
m/z 202
203.0558
203.0186
C8H11O6−
C7H7O7−
C8H11O6−
m/z 203
204.0580
203.9784
204.0140
204.0623
204.0194
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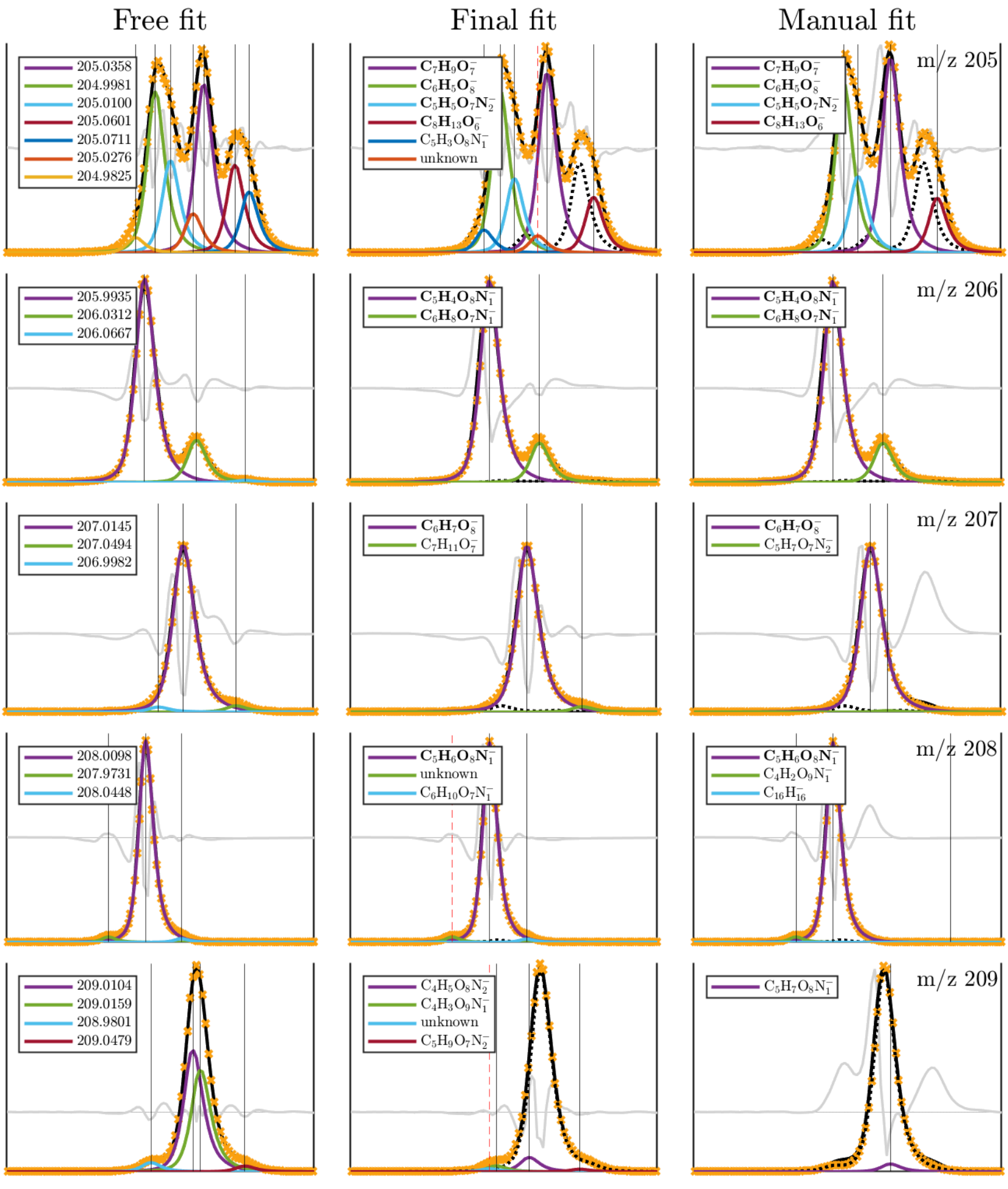
C6H6O7N1−
C6H6O7N1−
C5H2O8N1−
C7H10O6N1−
m/z 204


Free fit
Final fit
Manual fit
205.0358
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205.0100
205.0601
205.0711
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204.9825
$\mathbf{C_7H_9O_7^-}$
$\mathbf{C_6H_5O_8^-}$
$\mathbf{C_5H_5O_7N_2^-}$
$\mathbf{C_8H_{13}O_6^-}$
$C_5H_3O_8N_1^-$
unknown
m/z 205
205.9935
206.0312
206.0667
$\mathbf{C_5H_4O_8N_1^-}$
$\mathbf{C_6H_8O_7N_1^-}$
m/z 206
207.0145
207.0494
206.9982
$\mathbf{C_6H_7O_8^-}$
$C_7H_{11}O_7^-$
$C_5H_7O_7N_2^-$
m/z 207
208.0098
207.9731
208.0448
$\mathbf{C_5H_6O_8N_1^-}$
unknown
$C_6H_{10}O_7N_1^-$
$C_4H_2O_9N_1^-$
$C_{16}H_{16}^-$
m/z 208
209.0104
209.0159
208.9801
209.0479
$C_4H_5O_8N_2^-$
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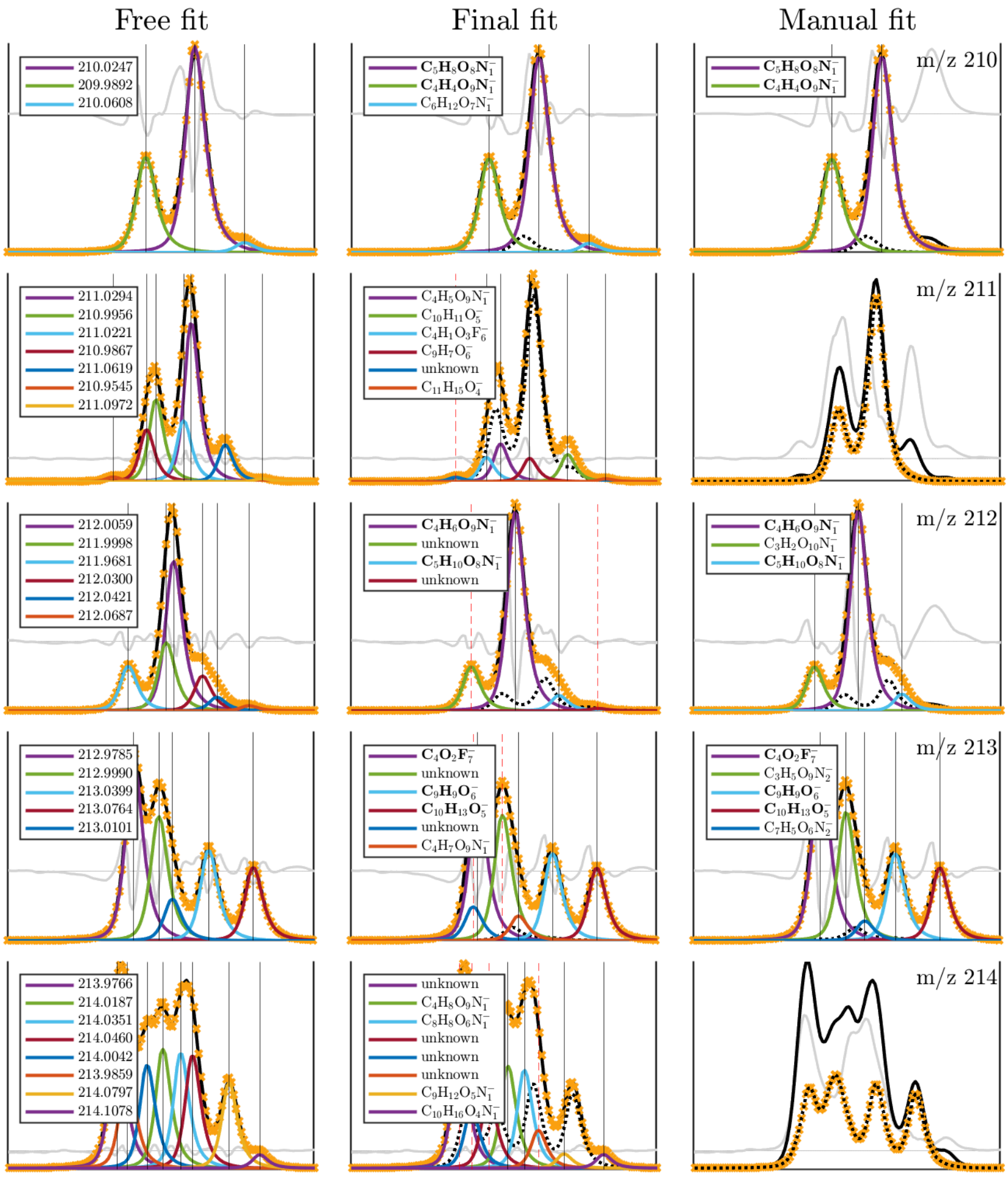
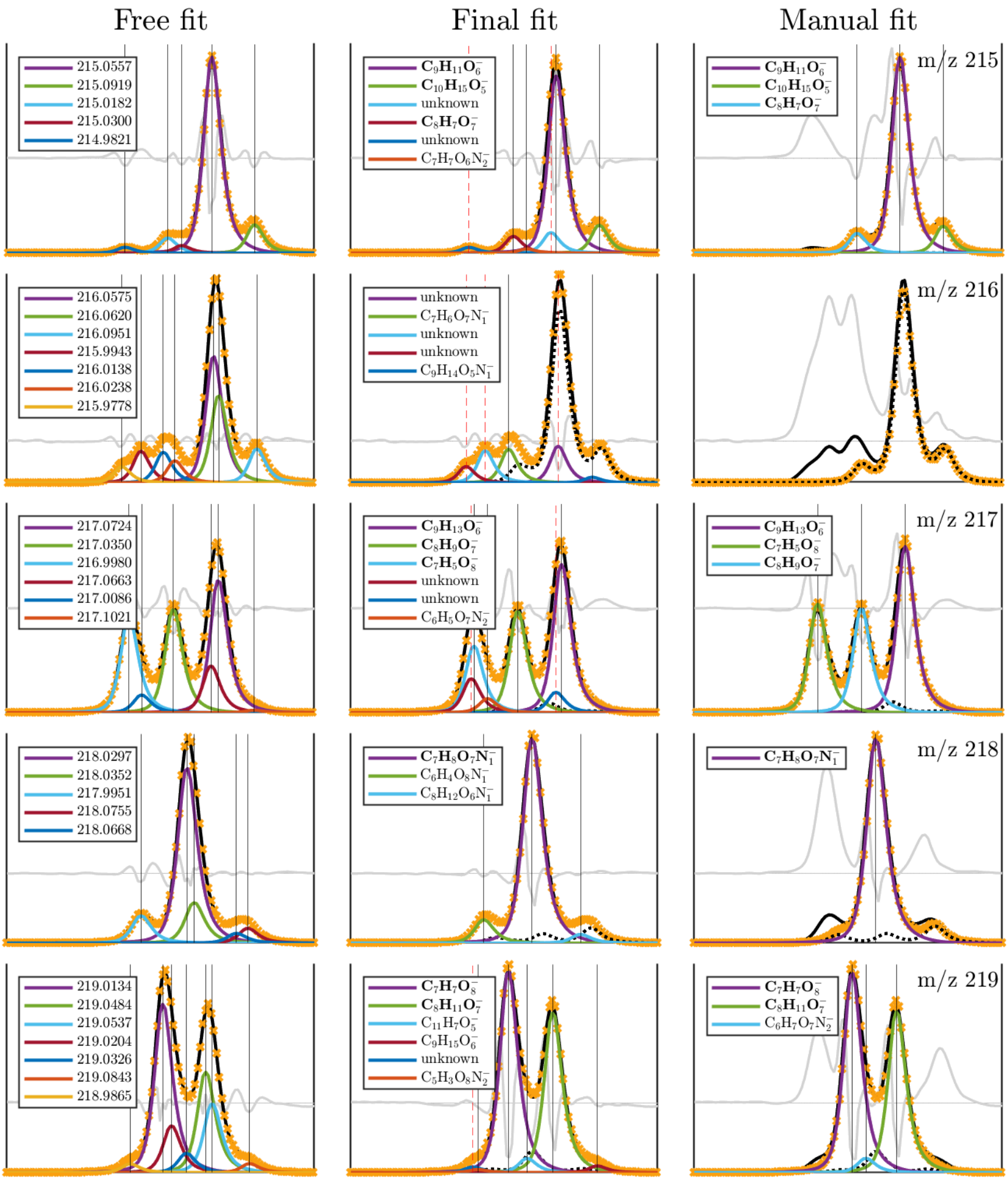
unknown
$C_5H_9O_7N_2^-$
$C_5H_7O_8N_1^-$
m/z 209


Free fit
Final fit
Manual fit
m/z 210
210.0247
209.9892
210.0608
$C_5H_8O_8N_1^-$
$C_4H_4O_9N_1^-$
$C_6H_{12}O_7N_1^-$
m/z 211
211.0294
210.9956
211.0221
210.9867
211.0619
210.9545
211.0972
$C_4H_5O_9N_1^-$
$C_{10}H_{11}O_5^-$
$C_4H_1O_3F_6^-$
$C_9H_7O_6^-$
unknown
$C_{11}H_{15}O_4^-$
m/z 212
212.0059
211.9998
211.9681
212.0300
212.0421
212.0687
$C_4H_6O_9N_1^-$
unknown
$C_5H_{10}O_8N_1^-$
unknown
$C_3H_2O_{10}N_1^-$
m/z 213
212.9785
212.9990
213.0399
213.0764
213.0101
$C_4O_2F_7^-$
$C_9H_9O_6^-$
$C_{10}H_{13}O_5^-$
$C_4H_7O_9N_1^-$
$C_3H_5O_9N_2^-$
$C_7H_5O_6N_2^-$
m/z 214
213.9766
214.0187
214.0351
214.0460
214.0042
213.9859
214.0797
214.1078
$C_4H_8O_9N_1^-$
$C_8H_8O_6N_1^-$
$C_9H_{12}O_5N_1^-$
$C_{10}H_{16}O_4N_1^-$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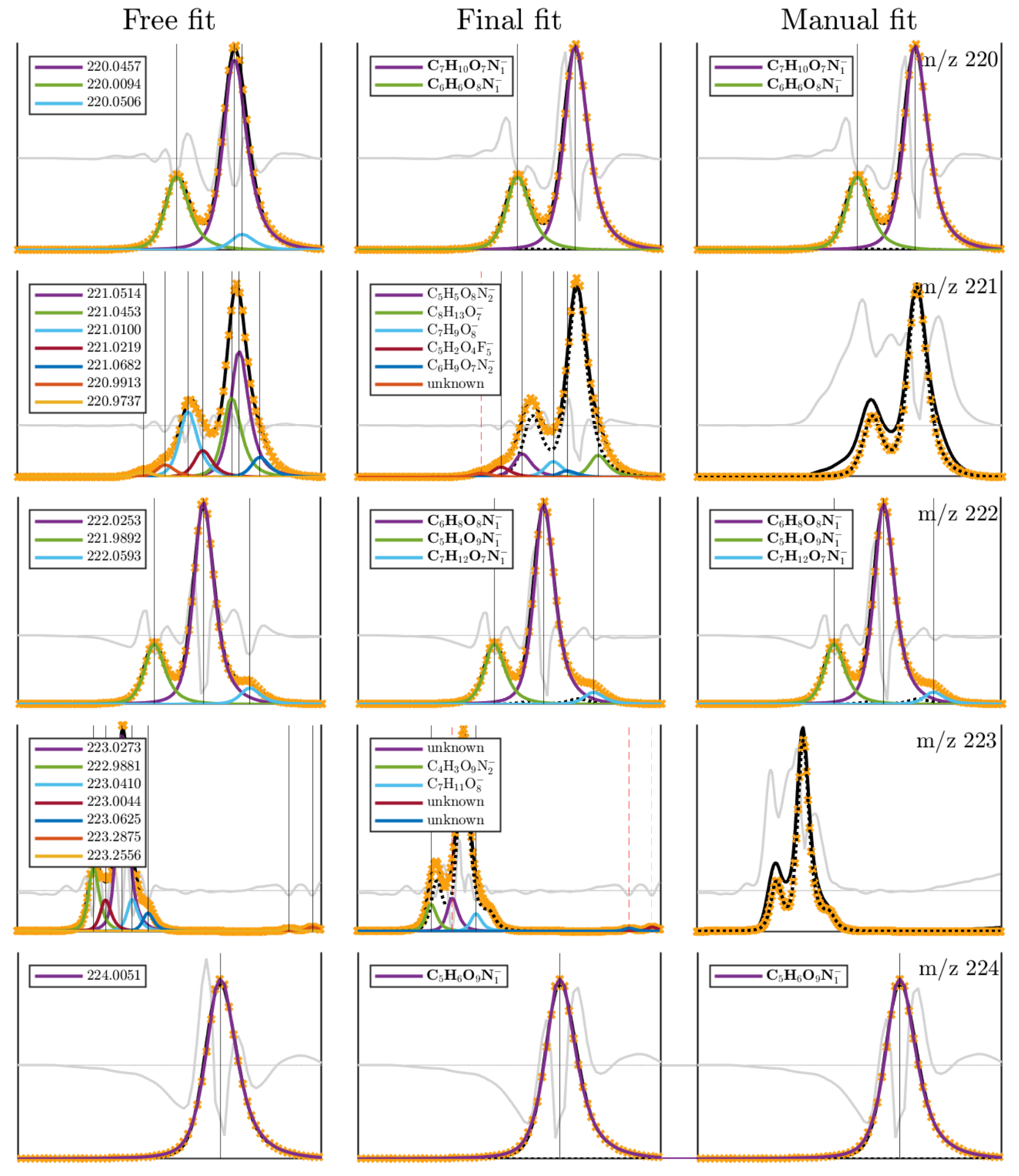
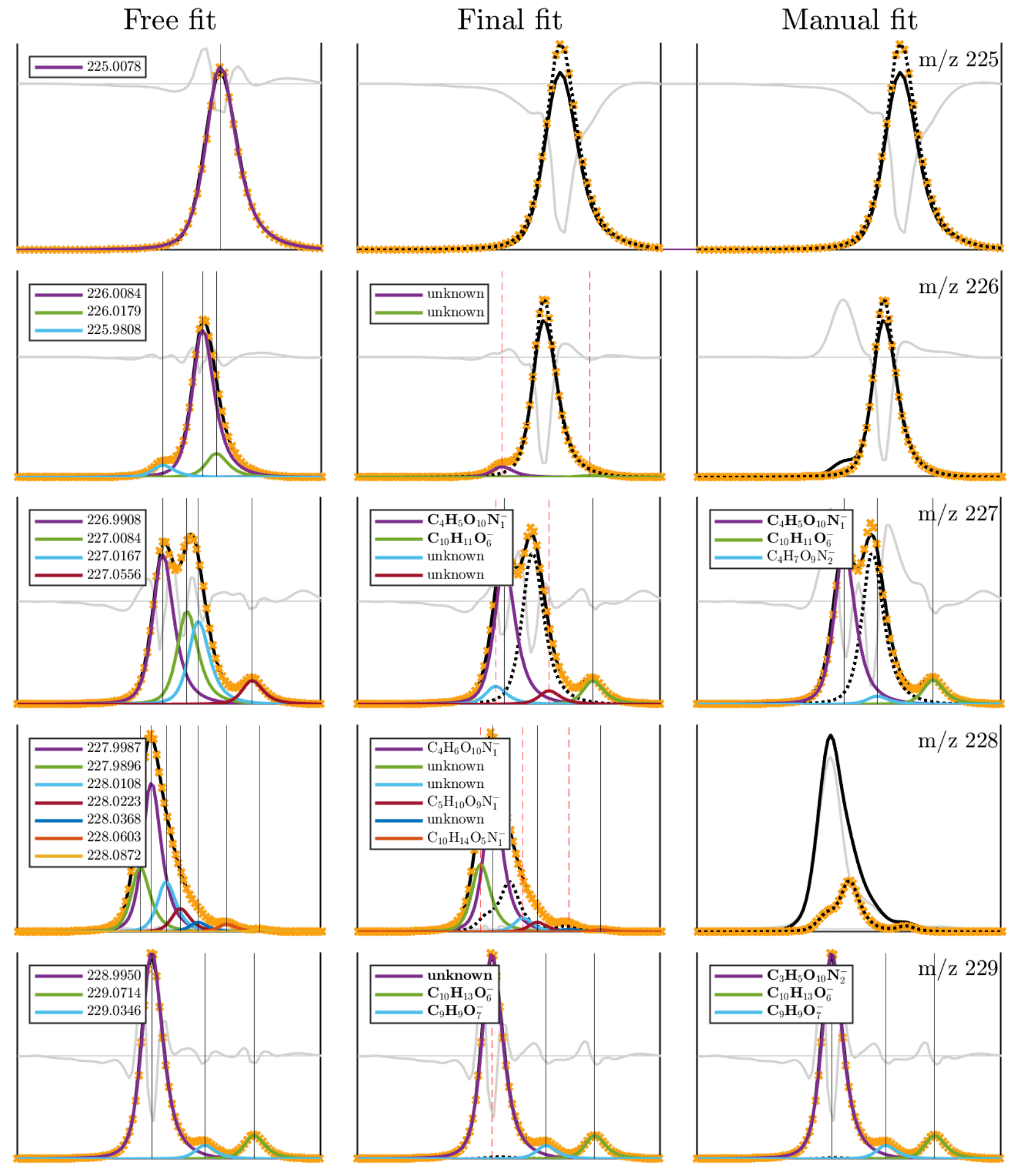
Final fit
Manual fit
215.0557
215.0919
215.0182
215.0300
214.9821
$C_9H_{11}O_6^-$
$C_{10}H_{15}O_5^-$
unknown
$C_8H_7O_7^-$
unknown
$C_7H_7O_6N_2^-$
$C_9H_{11}O_6^-$
$C_{10}H_{15}O_5^-$
$C_8H_7O_7^-$
m/z 215
216.0575
216.0620
216.0951
215.9943
216.0138
216.0238
215.9778
unknown
$C_7H_6O_7N_1^-$
unknown
unknown
$C_9H_{14}O_5N_1^-$
m/z 216
217.0724
217.0350
216.9980
217.0663
217.0086
217.1021
$C_9H_{13}O_6^-$
$C_8H_9O_7^-$
$C_7H_5O_8^-$
unknown
unknown
$C_6H_5O_7N_2^-$
$C_9H_{13}O_6^-$
$C_7H_5O_8^-$
$C_8H_9O_7^-$
m/z 217
218.0297
218.0352
217.9951
218.0755
218.0668
$C_7H_8O_7N_1^-$
$C_6H_4O_8N_1^-$
$C_8H_{12}O_6N_1^-$
$C_7H_8O_7N_1^-$
m/z 218
219.0134
219.0484
219.0537
219.0204
219.0326
219.0843
218.9865
$C_7H_7O_8^-$
$C_8H_{11}O_7^-$
$C_{11}H_7O_5^-$
$C_9H_{15}O_6^-$
unknown
$C_5H_3O_8N_2^-$
$C_7H_7O_8^-$
$C_8H_{11}O_7^-$
$C_6H_7O_7N_2^-$
m/z 219


Free fit
Final fit
Manual fit
220.0457
220.0094
220.0506
$C_7H_{10}O_7N_1^-$
$C_6H_6O_8N_1^-$
m/z 220
221.0514
221.0453
221.0100
221.0219
221.0682
220.9913
220.9737
$C_5H_5O_8N_2^-$
$C_8H_{13}O_7^-$
$C_7H_9O_8^-$
$C_5H_2O_4F_5^-$
$C_6H_9O_7N_2^-$
unknown
m/z 221
222.0253
221.9892
222.0593
$C_6H_8O_8N_1^-$
$C_5H_4O_9N_1^-$
$C_7H_{12}O_7N_1^-$
m/z 222
223.0273
222.9881
223.0410
223.0044
223.0625
223.2875
223.2556
unknown
$C_4H_3O_9N_2^-$
$C_7H_{11}O_8^-$
unknown
unknown
m/z 223
224.0051
$C_5H_6O_9N_1^-$
m/z 224


Free fit
Final fit
Manual fit
m/z 225
225.0078
m/z 226
226.0084
226.0179
225.9808
unknown
unknown
m/z 227
226.9908
227.0084
227.0167
227.0556
$C_4H_5O_{10}N_1^-$
$C_{10}H_{11}O_6^-$
unknown
unknown
$C_4H_5O_{10}N_1^-$
$C_{10}H_{11}O_6^-$
$C_4H_7O_9N_2^-$
m/z 228
227.9987
227.9896
228.0108
228.0223
228.0368
228.0603
228.0872
$C_4H_6O_{10}N_1^-$
unknown
unknown
$C_5H_{10}O_9N_1^-$
unknown
$C_{10}H_{14}O_5N_1^-$
m/z 229
228.9950
229.0714
229.0346
unknown
$C_{10}H_{13}O_6^-$
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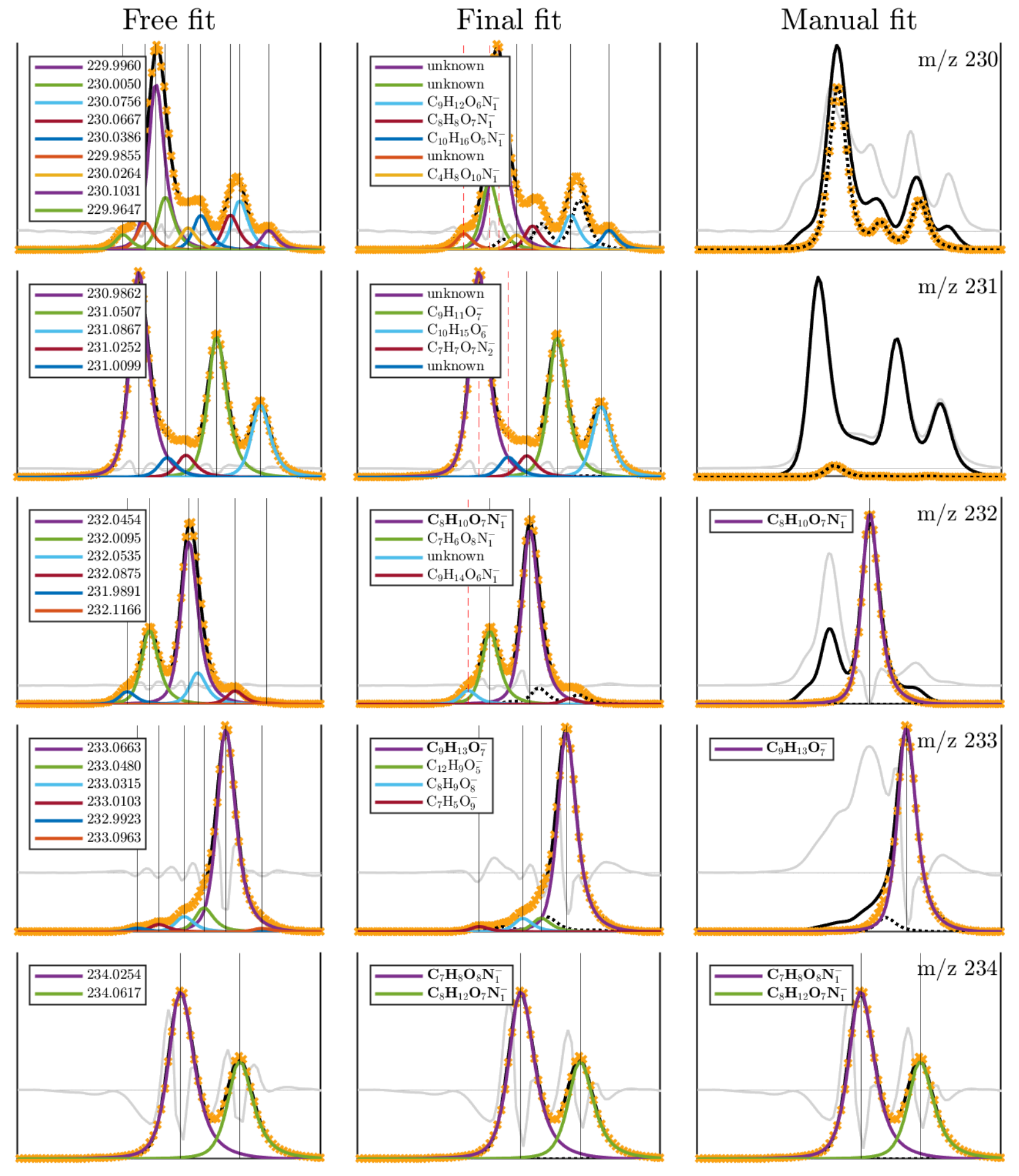
$C_3H_5O_{10}N_2^-$
$C_{10}H_{13}O_6^-$
$C_9H_9O_7^-$


Free fit
Final fit
Manual fit
229.9960
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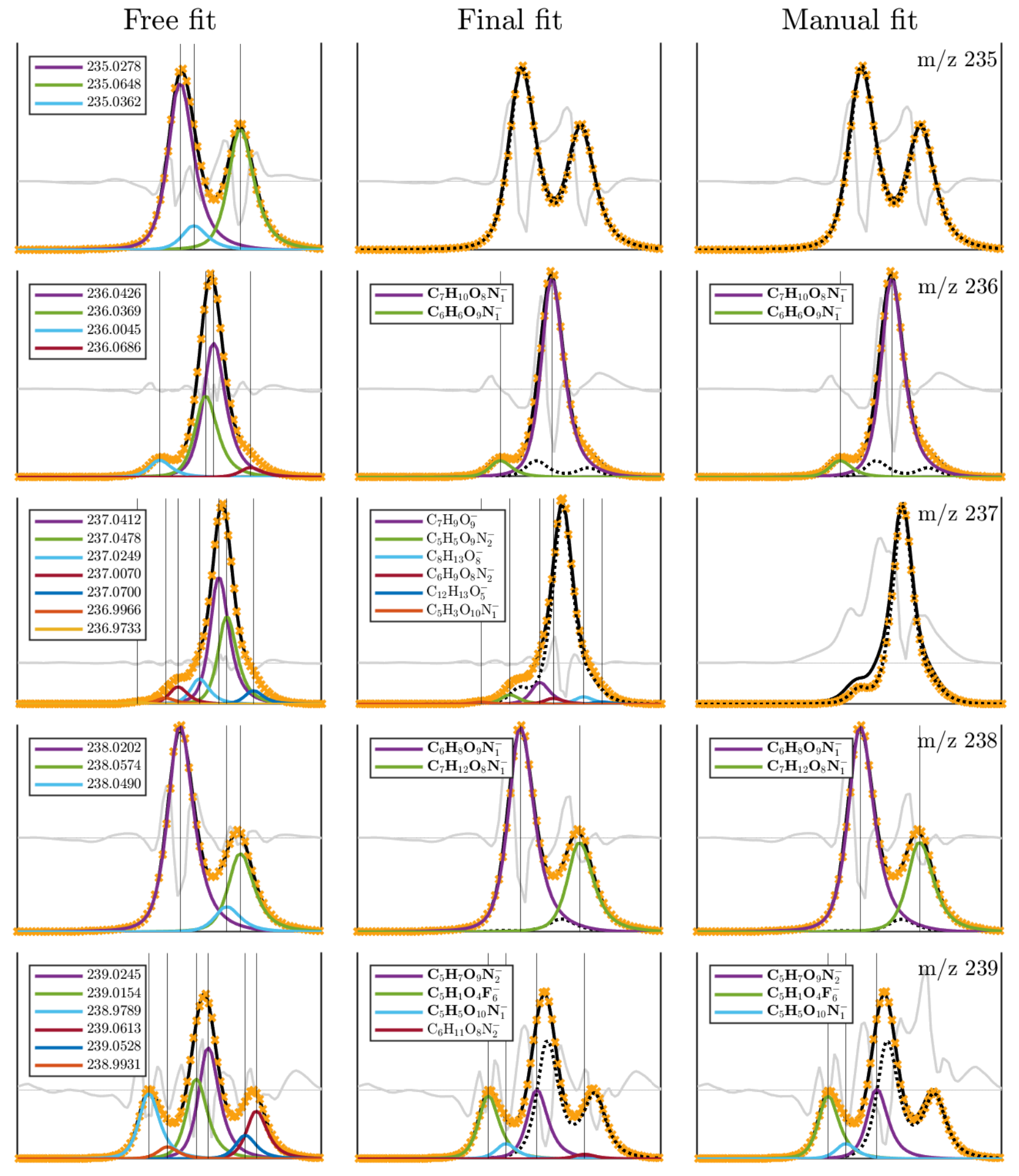
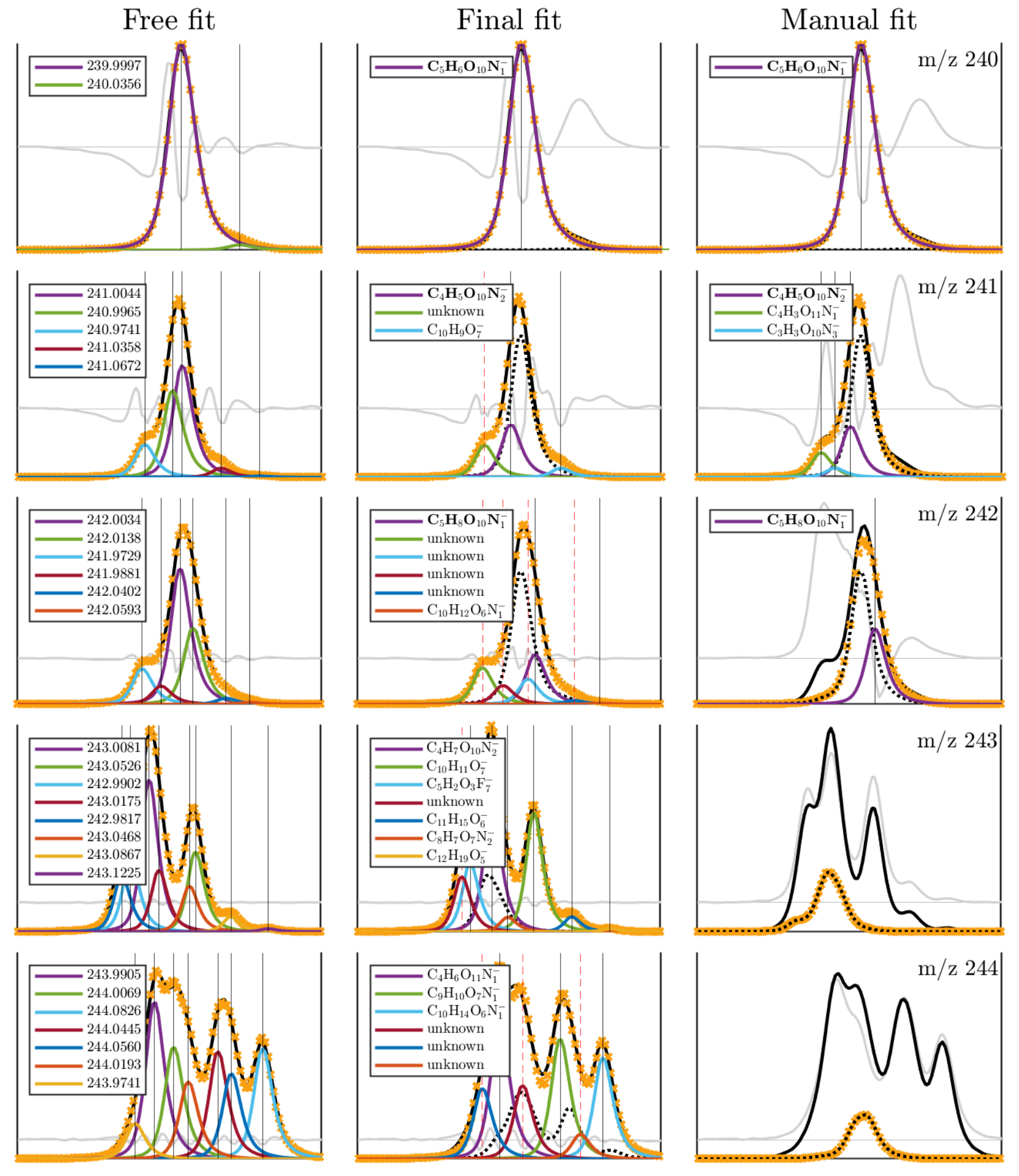
230.0756
230.0667
230.0386
229.9855
230.0264
230.1031
229.9647
unknown
unknown
$C_9H_{12}O_6N_1^-$
$C_8H_8O_7N_1^-$
$C_{10}H_{16}O_5N_1^-$
unknown
$C_4H_8O_{10}N_1^-$
m/z 230
230.9862
231.0507
231.0867
231.0252
231.0099
unknown
$C_9H_{11}O_7^-$
$C_{10}H_{15}O_6^-$
$C_7H_7O_7N_2^-$
unknown
m/z 231
232.0454
232.0095
232.0535
232.0875
231.9891
232.1166
$\mathbf{C_8H_{10}O_7N_1^-}$
$C_7H_6O_8N_1^-$
unknown
$C_9H_{14}O_6N_1^-$
$\mathbf{C_8H_{10}O_7N_1^-}$
m/z 232
233.0663
233.0480
233.0315
233.0103
232.9923
233.0963
$\mathbf{C_9H_{13}O_7^-}$
$C_{12}H_9O_5^-$
$C_8H_9O_8^-$
$C_7H_5O_9^-$
$\mathbf{C_9H_{13}O_7^-}$
m/z 233
234.0254
234.0617
$\mathbf{C_7H_8O_8N_1^-}$
$\mathbf{C_8H_{12}O_7N_1^-}$
$\mathbf{C_7H_8O_8N_1^-}$
$\mathbf{C_8H_{12}O_7N_1^-}$
m/z 234


Free fit
Final fit
Manual fit
235.0278
235.0648
235.0362
m/z 235
236.0426
236.0369
236.0045
236.0686
$C_7H_{10}O_8N_1^-$
$C_6H_6O_9N_1^-$
m/z 236
237.0412
237.0478
237.0249
237.0070
237.0700
236.9966
236.9733
$C_7H_9O_9^-$
$C_5H_5O_9N_2^-$
$C_8H_{13}O_8^-$
$C_6H_9O_8N_2^-$
$C_{12}H_{13}O_5^-$
$C_5H_3O_{10}N_1^-$
m/z 237
238.0202
238.0574
238.0490
$C_6H_8O_9N_1^-$
$C_7H_{12}O_8N_1^-$
m/z 238
239.0245
239.0154
238.9789
239.0613
239.0528
238.9931
$C_5H_7O_9N_2^-$
$C_5H_1O_4F_6^-$
$C_5H_5O_{10}N_1^-$
$C_6H_{11}O_8N_2^-$
m/z 239


Free fit
Final fit
Manual fit
239.9997
240.0356
C5H6O10N1−
m/z 240
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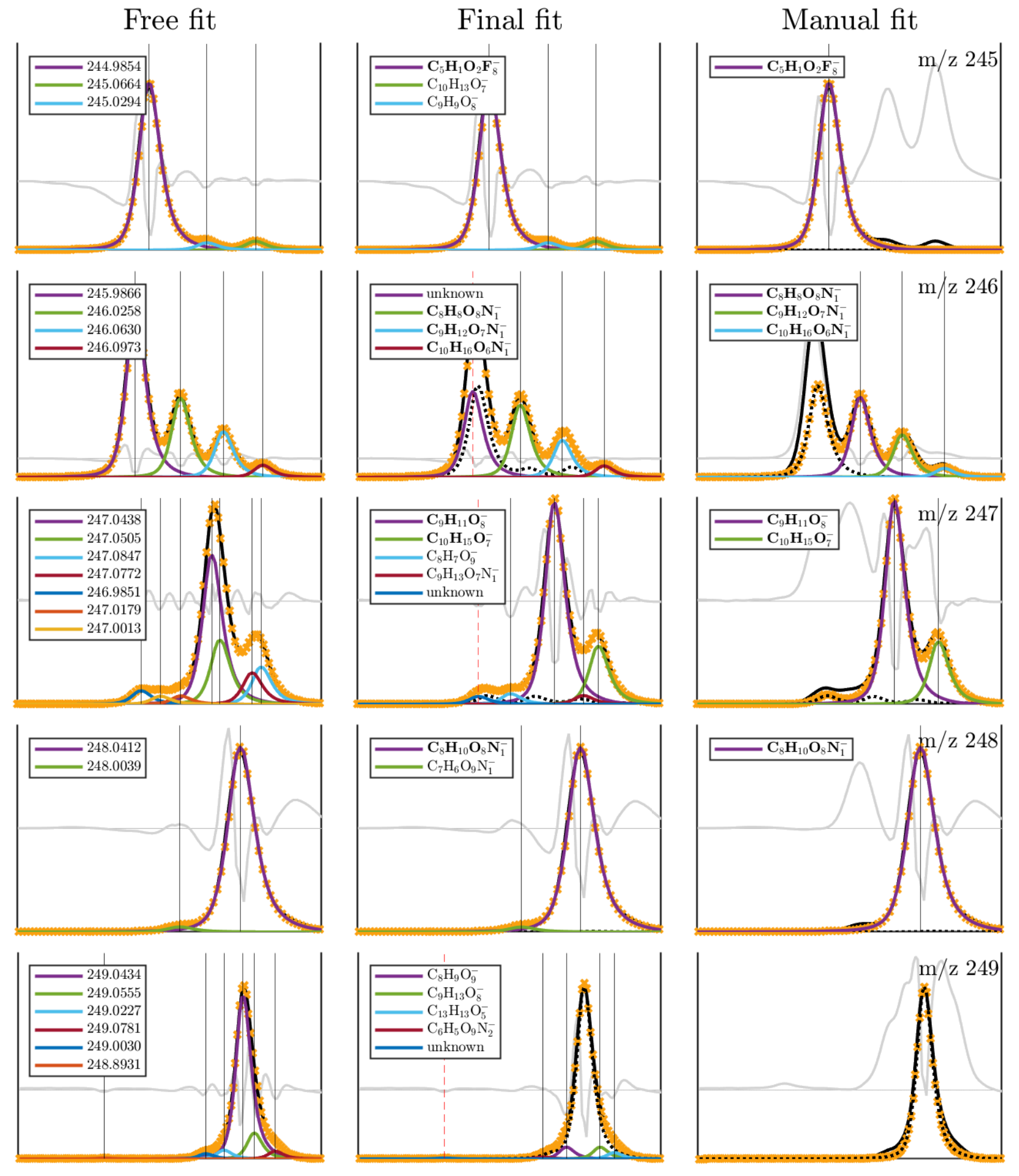
240.9965
240.9741
241.0358
241.0672
C4H5O10N2−
unknown
C10H9O7−
C4H3O11N1−
C3H3O10N3−
m/z 241
242.0034
242.0138
241.9729
241.9881
242.0402
242.0593
C5H8O10N1−
unknown
C10H12O6N1−
m/z 242
243.0081
243.0526
242.9902
243.0175
242.9817
243.0468
243.0867
243.1225
C4H7O10N2−
C10H11O7−
C5H2O3F7−
C11H15O6−
C8H7O7N2−
C12H19O5−
m/z 243
243.9905
244.0069
244.0826
244.0445
244.0560
244.0193
243.9741
C4H6O11N1−
C9H10O7N1−
C10H14O6N1−
m/z 244


Free fit
Final fit
Manual fit
244.9854
245.0664
245.0294
C5H1O2F8−
C10H13O7−
C9H9O8−
m/z 245
245.9866
246.0258
246.0630
246.0973
unknown
C8H8O8N1−
C9H12O7N1−
C10H16O6N1−
m/z 246
247.0438
247.0505
247.0847
247.0772
246.9851
247.0179
247.0013
C9H11O8−
C10H15O7−
C8H7O9−
C9H13O7N1−
unknown
m/z 247
248.0412
248.0039
C8H10O8N1−
C7H6O9N1−
m/z 248
249.0434
249.0555
249.0227
249.0781
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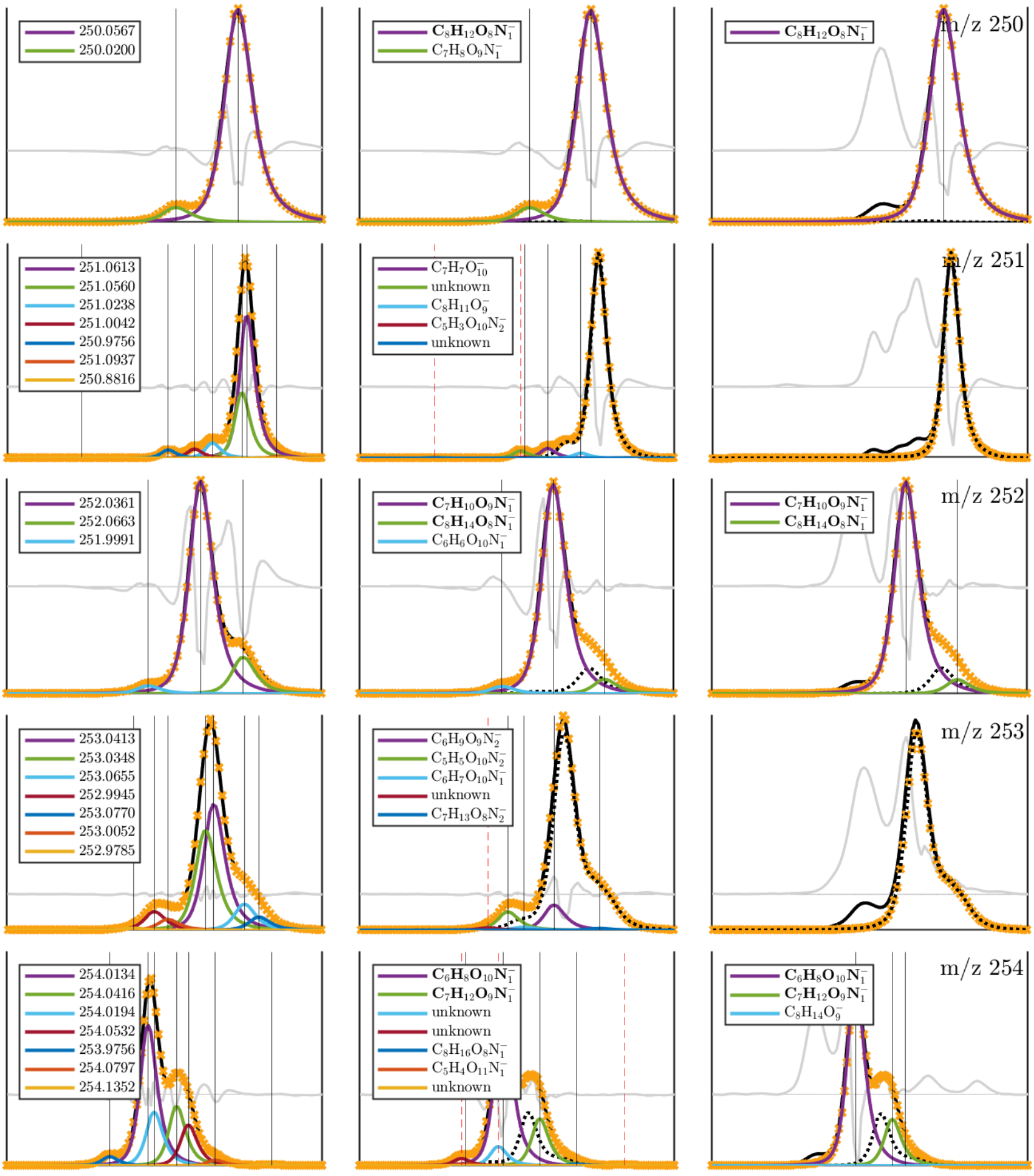
m/z 249


Free fit
Final fit
Manual fit
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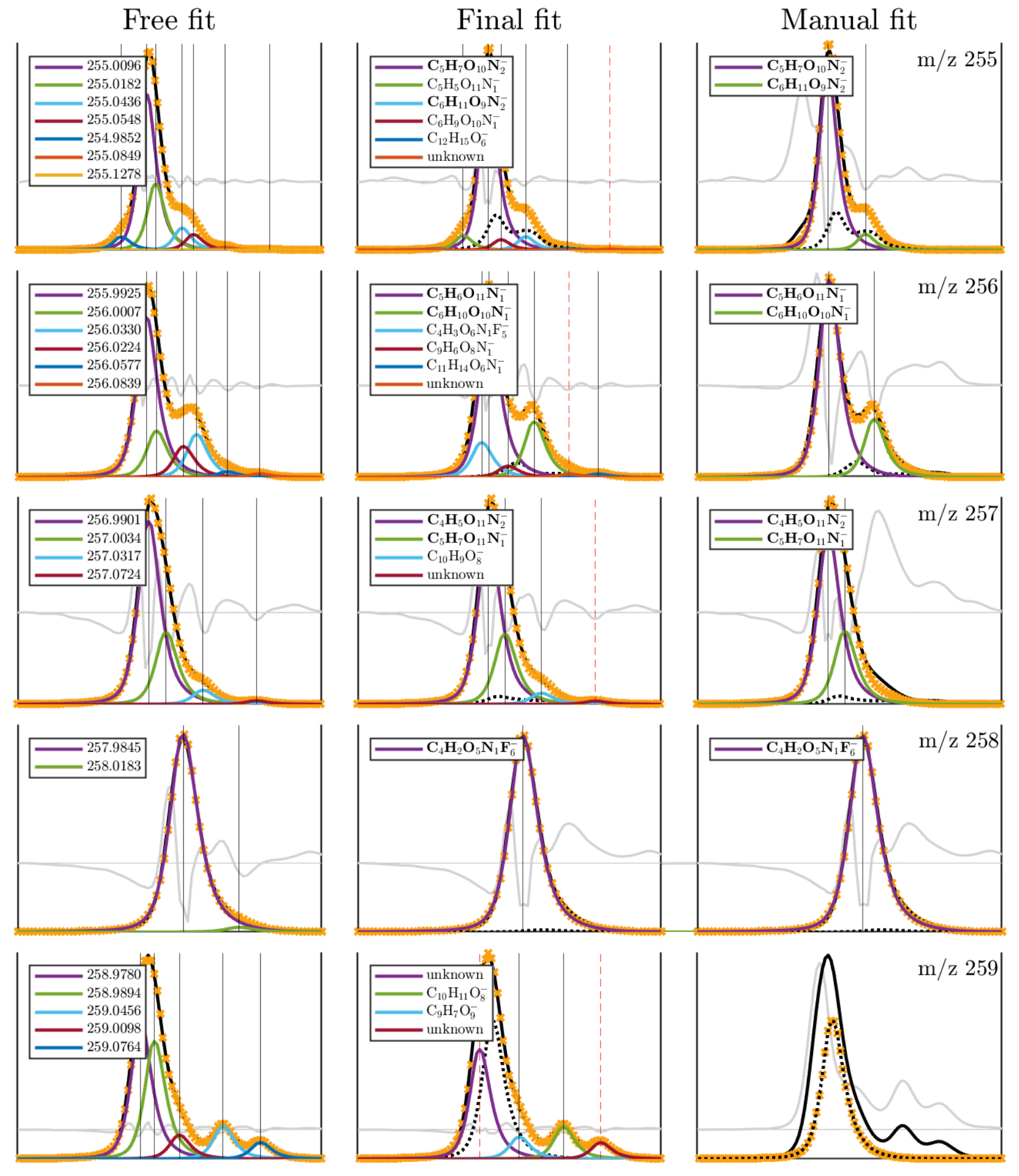
C8H12O8N1−
C7H8O9N1−
C8H12O8N1−
m/z 250
251.0613
251.0560
251.0238
251.0042
250.9756
251.0937
250.8816
C7H7O10−
unknown
C8H11O9−
C5H3O10N2−
unknown
m/z 251
252.0361
252.0663
251.9991
C7H10O9N1−
C8H14O8N1−
C6H6O10N1−
C7H10O9N1−
C8H14O8N1−
m/z 252
253.0413
253.0348
253.0655
252.9945
253.0770
253.0052
252.9785
C6H9O9N2−
C5H5O10N2−
C6H7O10N1−
unknown
C7H13O8N2−
m/z 253
254.0134
254.0416
254.0194
254.0532
253.9756
254.0797
254.1352
C6H8O10N1−
C7H12O9N1−
unknown
unknown
C8H16O8N1−
C5H4O11N1−
unknown
C6H8O10N1−
C7H12O9N1−
C8H14O9−
m/z 254


Free fit
Final fit
Manual fit
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255.0548
254.9852
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255.1278
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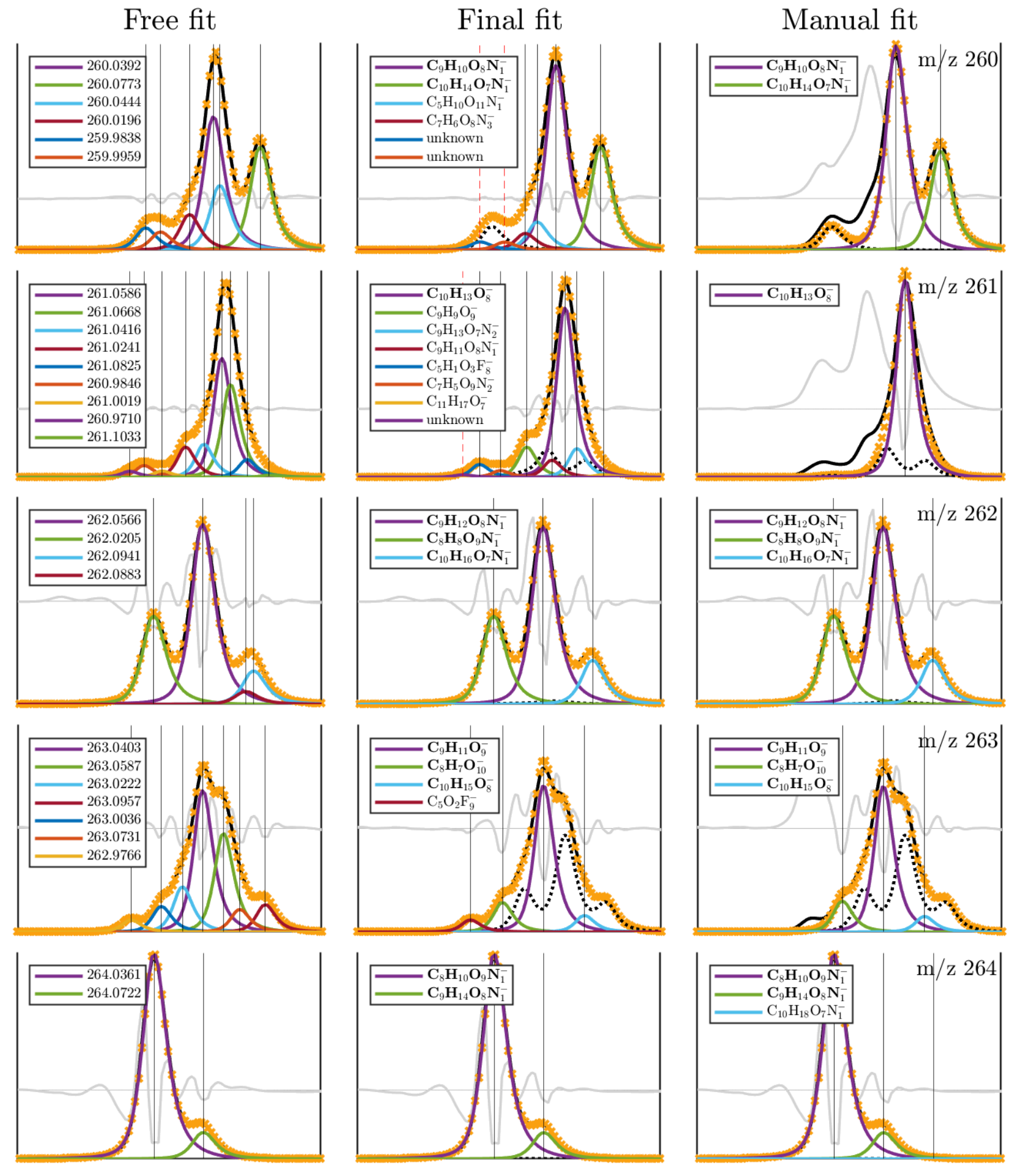
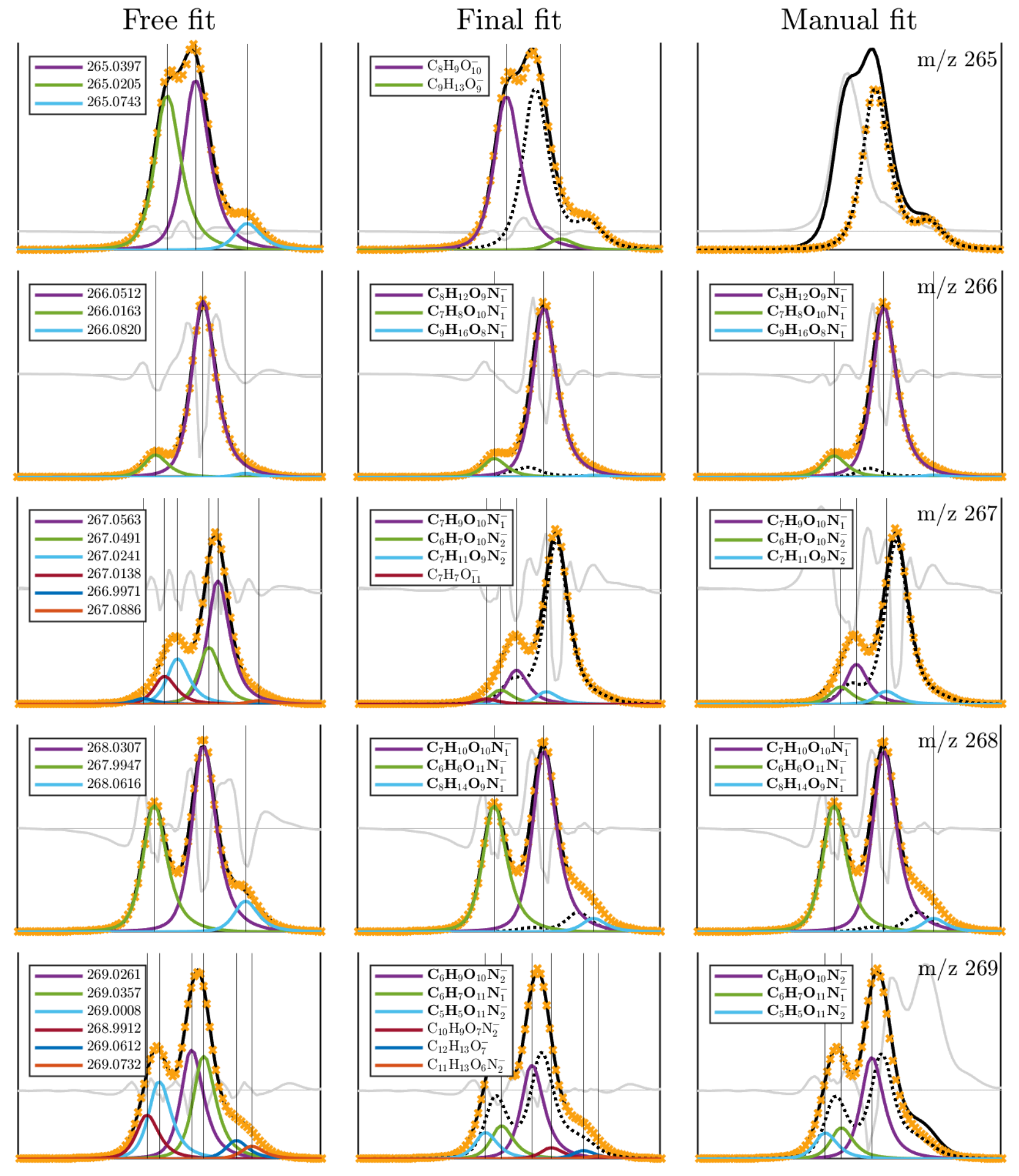
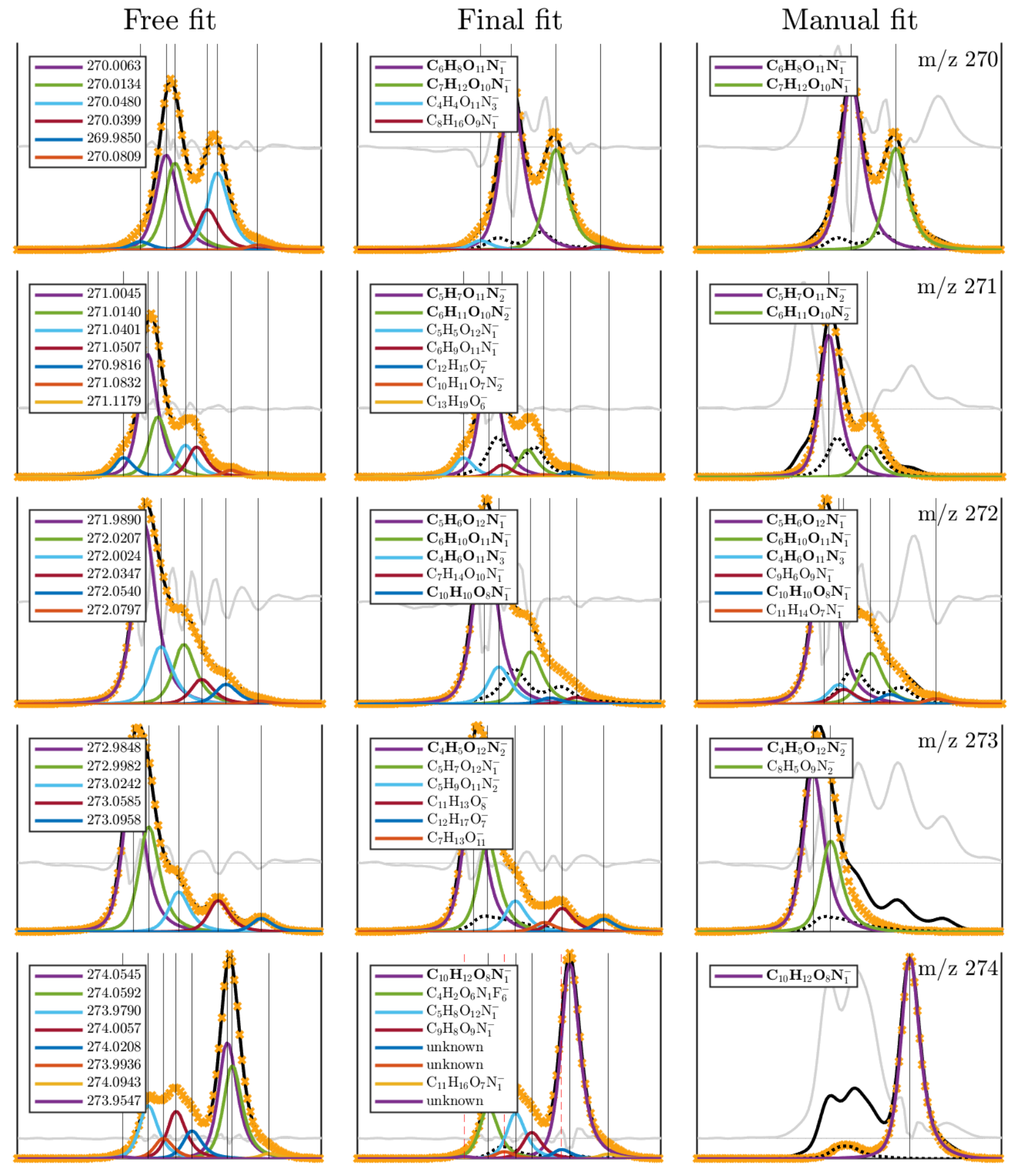
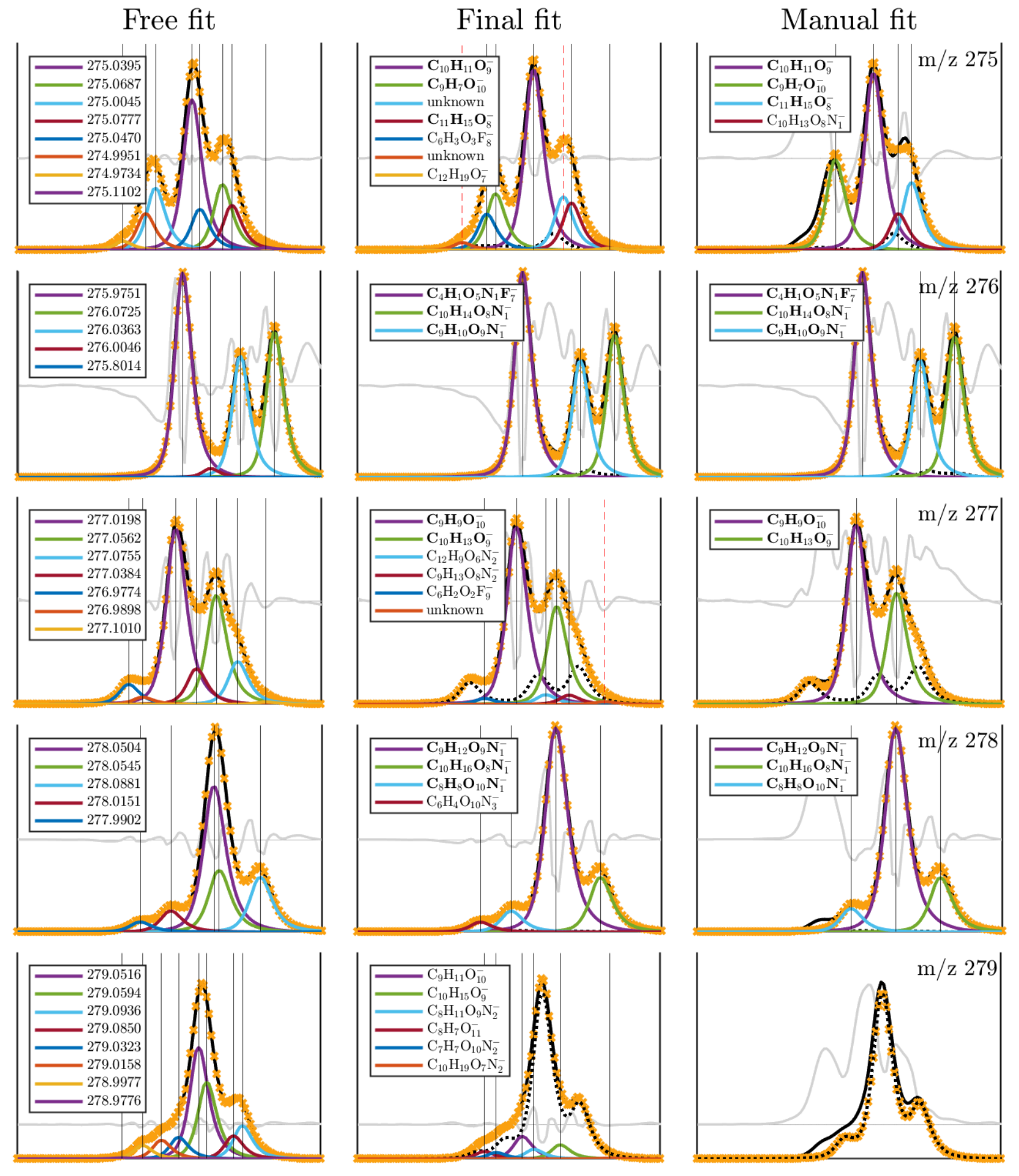
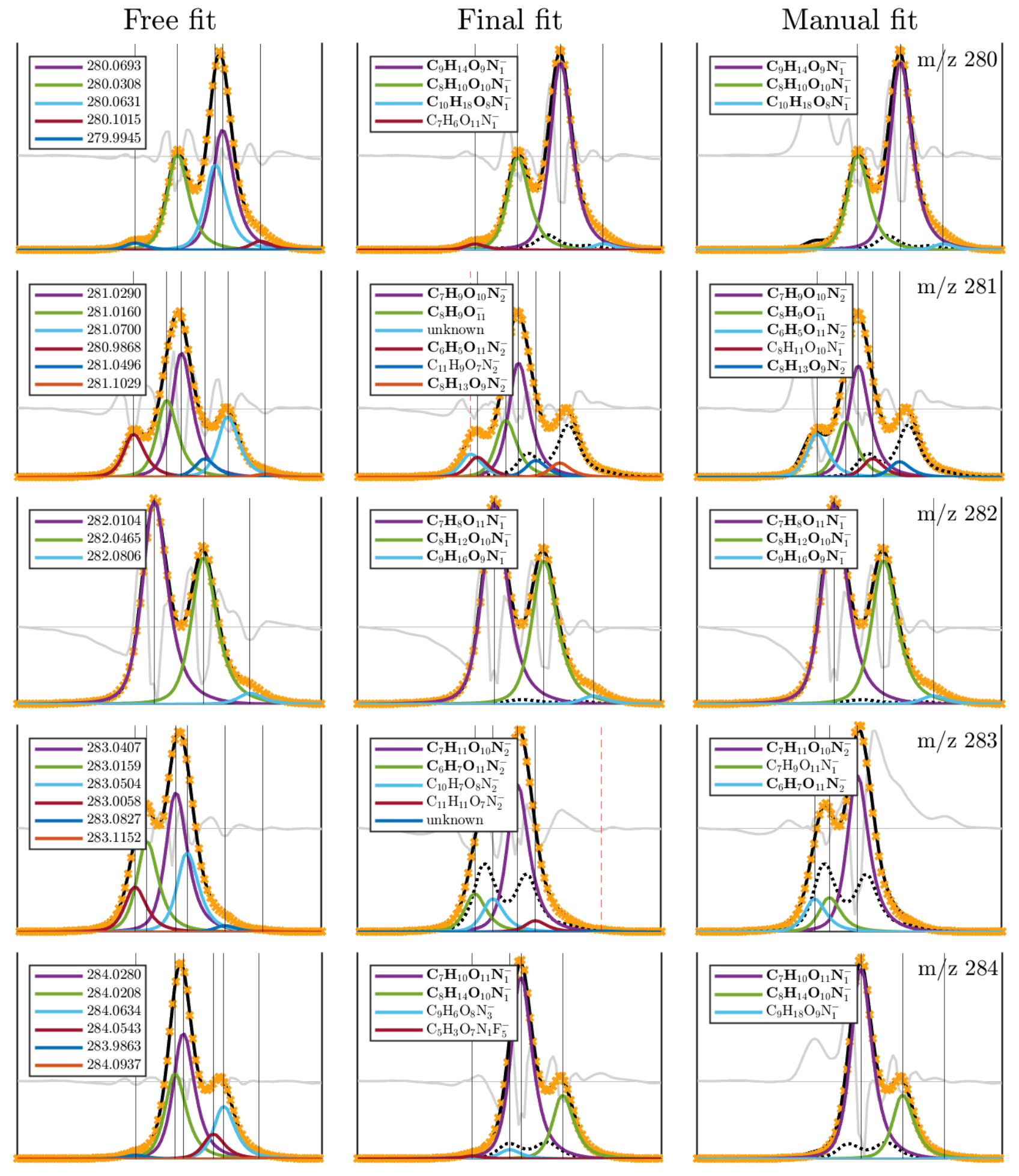
$C_5H_5O_{11}N_1^-$
$C_6H_{11}O_9N_2^-$
$C_6H_9O_{10}N_1^-$
$C_{12}H_{15}O_6^-$
unknown
$C_5H_7O_{10}N_2^-$
$C_6H_{11}O_9N_2^-$
m/z 255
255.9925
256.0007
256.0330
256.0224
256.0577
256.0839
$C_5H_6O_{11}N_1^-$
$C_6H_{10}O_{10}N_1^-$
$C_4H_3O_6N_1F_5^-$
$C_9H_6O_8N_1^-$
$C_{11}H_{14}O_6N_1^-$
unknown
$C_5H_6O_{11}N_1^-$
$C_6H_{10}O_{10}N_1^-$
m/z 256
256.9901
257.0034
257.0317
257.0724
$C_4H_5O_{11}N_2^-$
$C_5H_7O_{11}N_1^-$
$C_{10}H_9O_8^-$
unknown
$C_4H_5O_{11}N_2^-$
$C_5H_7O_{11}N_1^-$
m/z 257
257.9845
258.0183
$C_4H_2O_5N_1F_6^-$
$C_4H_2O_5N_1F_6^-$
m/z 258
258.9780
258.9894
259.0456
259.0098
259.0764
unknown
$C_{10}H_{11}O_8^-$
$C_9H_7O_9^-$
unknown
m/z 259

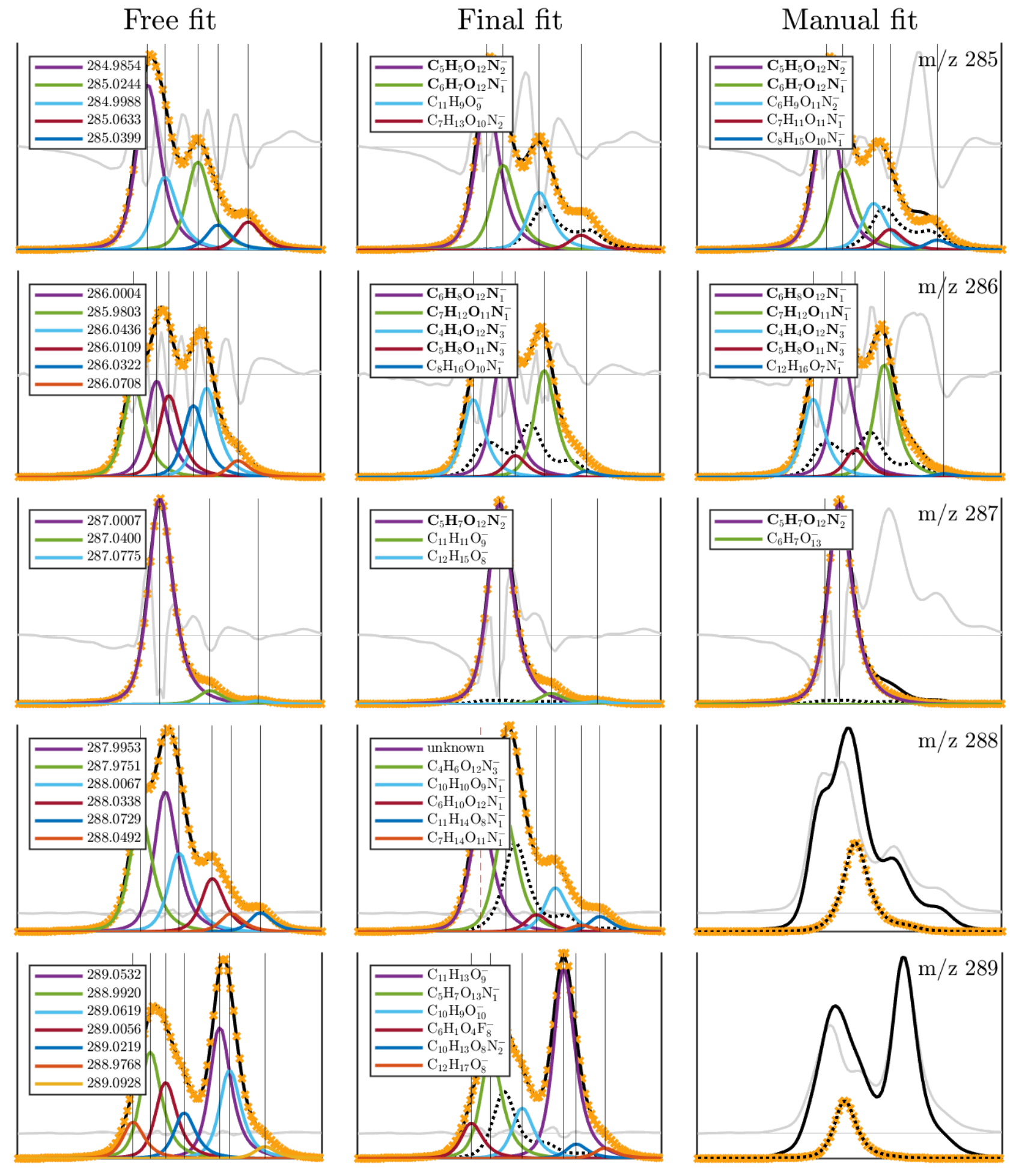

Free fit
Final fit
Manual fit
260.0392
260.0773
260.0444
260.0196
259.9838
259.9959
$C_9H_{10}O_8N_1^-$
$C_{10}H_{14}O_7N_1^-$
$C_5H_{10}O_{11}N_1^-$
$C_7H_6O_8N_3^-$
unknown
unknown
m/z 260
261.0586
261.0668
261.0416
261.0241
261.0825
260.9846
261.0019
260.9710
261.1033
$C_{10}H_{13}O_8^-$
$C_9H_9O_9^-$
$C_9H_{13}O_7N_2^-$
$C_9H_{11}O_8N_1^-$
$C_5H_1O_3F_8^-$
$C_7H_5O_9N_2^-$
$C_{11}H_{17}O_7^-$
unknown
m/z 261
262.0566
262.0205
262.0941
262.0883
$C_9H_{12}O_8N_1^-$
$C_8H_8O_9N_1^-$
$C_{10}H_{16}O_7N_1^-$
m/z 262
263.0403
263.0587
263.0222
263.0957
263.0036
263.0731
262.9766
$C_9H_{11}O_9^-$
$C_8H_7O_{10}^-$
$C_{10}H_{15}O_8^-$
$C_5O_2F_9^-$
m/z 263
264.0361
264.0722
$C_8H_{10}O_9N_1^-$
$C_9H_{14}O_8N_1^-$
$C_{10}H_{18}O_7N_1^-$
m/z 264

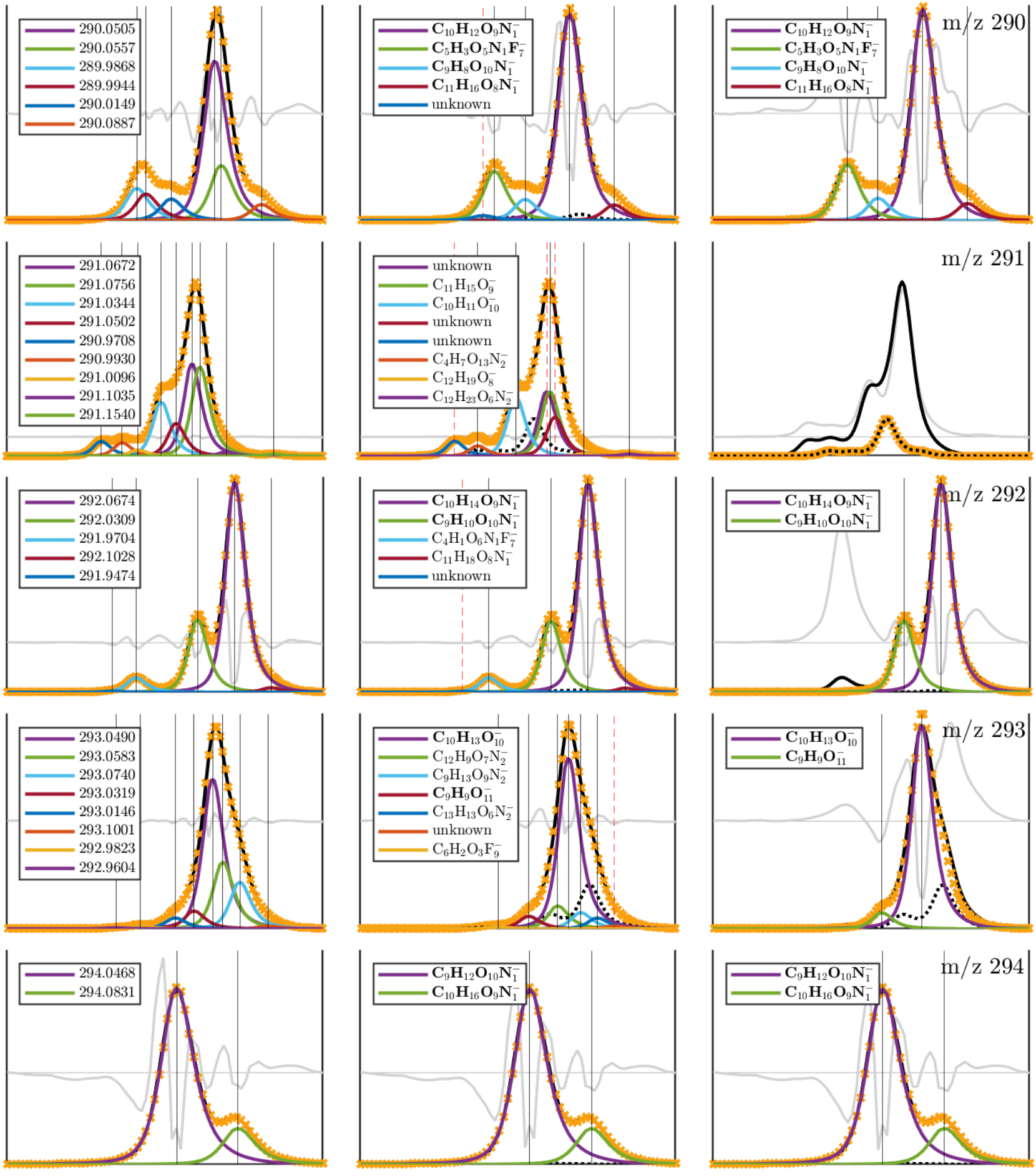

Free fit
Final fit
Manual fit
265.0397
265.0205
265.0743
$C_8H_9O_{10}^-$
$C_9H_{13}O_9^-$
m/z 265
266.0512
266.0163
266.0820
$\mathbf{C_8H_{12}O_9N_1^-}$
$\mathbf{C_7H_8O_{10}N_1^-}$
$\mathbf{C_9H_{16}O_8N_1^-}$
m/z 266
267.0563
267.0491
267.0241
267.0138
266.9971
267.0886
$\mathbf{C_7H_9O_{10}N_1^-}$
$\mathbf{C_6H_7O_{10}N_2^-}$
$\mathbf{C_7H_{11}O_9N_2^-}$
$C_7H_7O_{11}^-$
m/z 267
268.0307
267.9947
268.0616
$\mathbf{C_7H_{10}O_{10}N_1^-}$
$\mathbf{C_6H_6O_{11}N_1^-}$
$\mathbf{C_8H_{14}O_9N_1^-}$
m/z 268
269.0261
269.0357
269.0008
268.9912
269.0612
269.0732
$\mathbf{C_6H_9O_{10}N_2^-}$
$\mathbf{C_6H_7O_{11}N_1^-}$
$\mathbf{C_5H_5O_{11}N_2^-}$
$C_{10}H_9O_7N_2^-$
$C_{12}H_{13}O_7^-$
$C_{11}H_{13}O_6N_2^-$
m/z 269

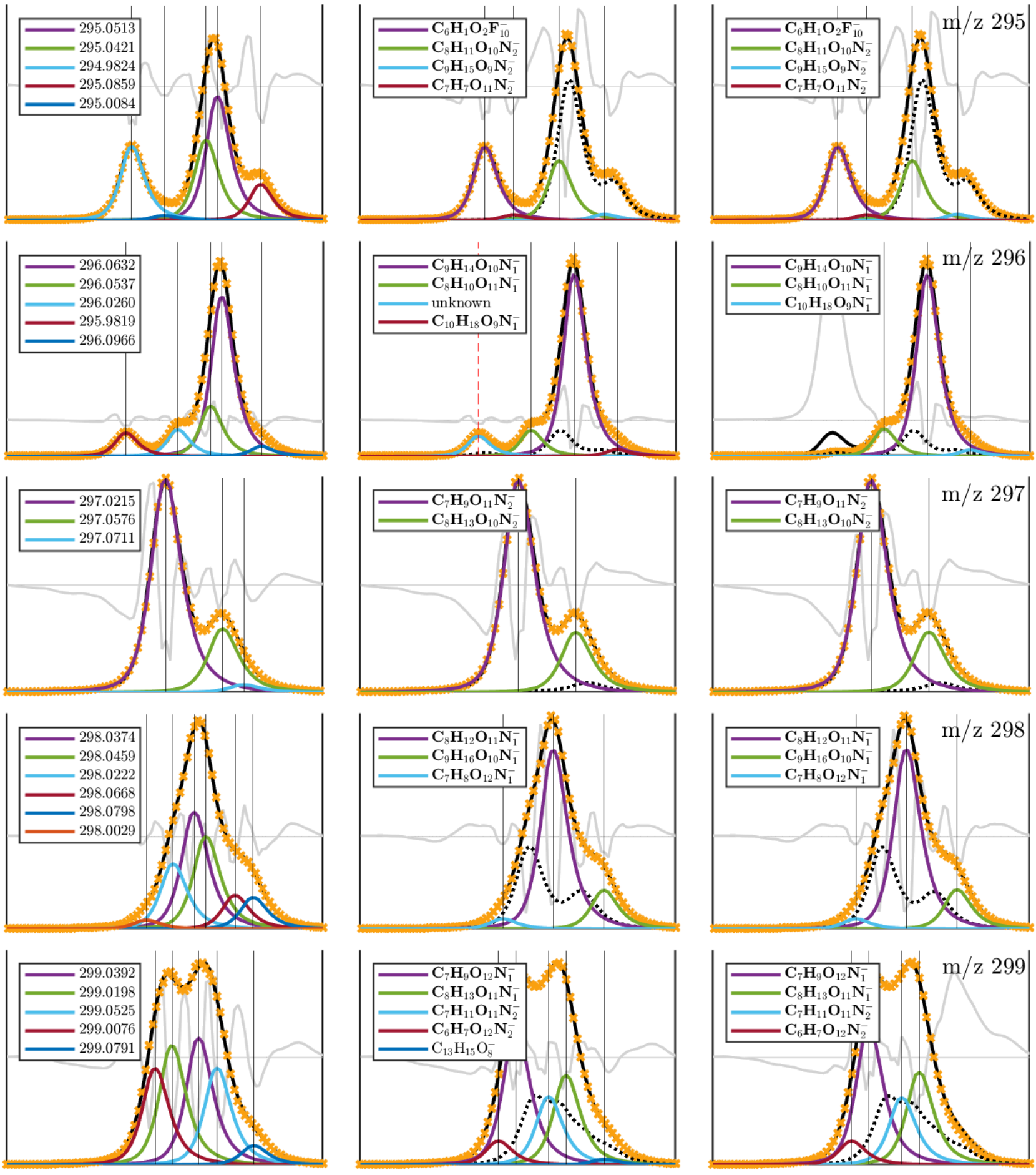

Free fit
Final fit
Manual fit
m/z 270
270.0063
270.0134
270.0480
270.0399
269.9850
270.0809
$\mathbf{C_6H_8O_{11}N_1^-}$
$\mathbf{C_7H_{12}O_{10}N_1^-}$
$C_4H_4O_{11}N_3^-$
$C_8H_{16}O_9N_1^-$
m/z 271
271.0045
271.0140
271.0401
271.0507
270.9816
271.0832
271.1179
$\mathbf{C_5H_7O_{11}N_2^-}$
$\mathbf{C_6H_{11}O_{10}N_2^-}$
$C_5H_5O_{12}N_1^-$
$C_6H_9O_{11}N_1^-$
$C_{12}H_{15}O_7^-$
$C_{10}H_{11}O_7N_2^-$
$C_{13}H_{19}O_6^-$
m/z 272
271.9890
272.0207
272.0024
272.0347
272.0540
272.0797
$\mathbf{C_5H_6O_{12}N_1^-}$
$\mathbf{C_6H_{10}O_{11}N_1^-}$
$\mathbf{C_4H_6O_{11}N_3^-}$
$C_7H_{14}O_{10}N_1^-$
$\mathbf{C_{10}H_{10}O_8N_1^-}$
$C_9H_6O_9N_1^-$
$C_{11}H_{14}O_7N_1^-$
m/z 273
272.9848
272.9982
273.0242
273.0585
273.0958
$\mathbf{C_4H_5O_{12}N_2^-}$
$C_5H_7O_{12}N_1^-$
$C_5H_9O_{11}N_2^-$
$C_{11}H_{13}O_8^-$
$C_{12}H_{17}O_7^-$
$C_7H_{13}O_{11}^-$
$C_8H_5O_9N_2^-$
m/z 274
274.0545
274.0592
273.9790
274.0057
274.0208
273.9936
274.0943
273.9547
$\mathbf{C_{10}H_{12}O_8N_1^-}$
$C_4H_2O_6N_1F_6^-$
$C_5H_8O_{12}N_1^-$
$C_9H_8O_9N_1^-$
unknown
unknown
$C_{11}H_{16}O_7N_1^-$
unknown

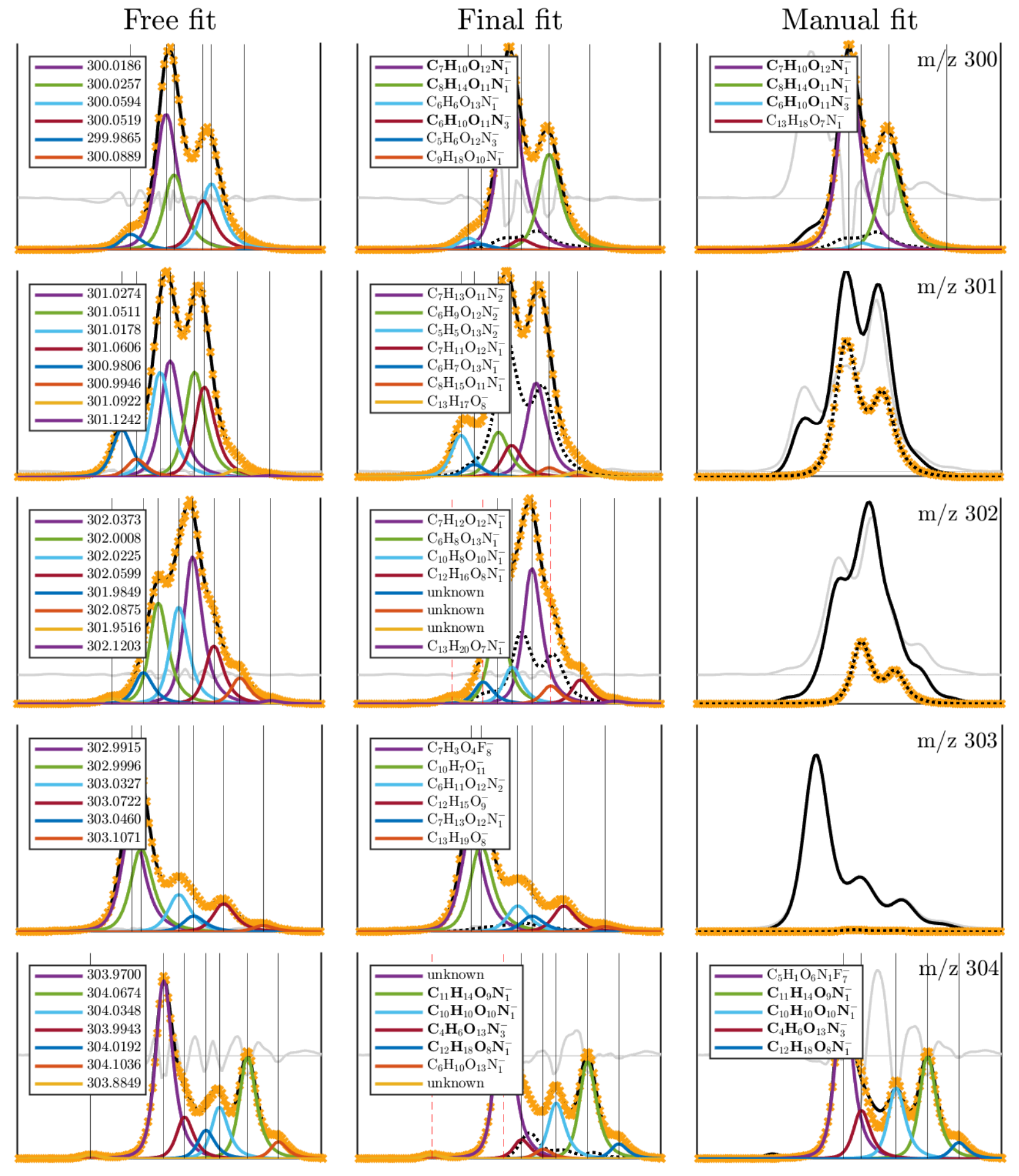

Free fit
Final fit
Manual fit
m/z 275
275.0395
275.0687
275.0045
275.0777
275.0470
274.9951
274.9734
275.1102
$C_{10}H_{11}O_9^-$
$C_9H_7O_{10}^-$
unknown
$C_{11}H_{15}O_8^-$
$C_6H_3O_3F_8^-$
unknown
$C_{12}H_{19}O_7^-$
$C_{10}H_{11}O_9^-$
$C_9H_7O_{10}^-$
$C_{11}H_{15}O_8^-$
$C_{10}H_{13}O_8N_1^-$
m/z 276
275.9751
276.0725
276.0363
276.0046
275.8014
$C_4H_1O_5N_1F_7^-$
$C_{10}H_{14}O_8N_1^-$
$C_9H_{10}O_9N_1^-$
$C_4H_1O_5N_1F_7^-$
$C_{10}H_{14}O_8N_1^-$
$C_9H_{10}O_9N_1^-$
m/z 277
277.0198
277.0562
277.0755
277.0384
276.9774
276.9898
277.1010
$C_9H_9O_{10}^-$
$C_{10}H_{13}O_9^-$
$C_{12}H_9O_6N_2^-$
$C_9H_{13}O_8N_2^-$
$C_6H_2O_2F_9^-$
unknown
$C_9H_9O_{10}^-$
$C_{10}H_{13}O_9^-$
m/z 278
278.0504
278.0545
278.0881
278.0151
277.9902
$C_9H_{12}O_9N_1^-$
$C_{10}H_{16}O_8N_1^-$
$C_8H_8O_{10}N_1^-$
$C_6H_4O_{10}N_3^-$
$C_9H_{12}O_9N_1^-$
$C_{10}H_{16}O_8N_1^-$
$C_8H_8O_{10}N_1^-$
m/z 279
279.0516
279.0594
279.0936
279.0850
279.0323
279.0158
278.9977
278.9776
$C_9H_{11}O_{10}^-$
$C_{10}H_{15}O_9^-$
$C_8H_{11}O_9N_2^-$
$C_8H_7O_{11}^-$
$C_7H_7O_{10}N_2^-$
$C_{10}H_{19}O_7N_2^-$

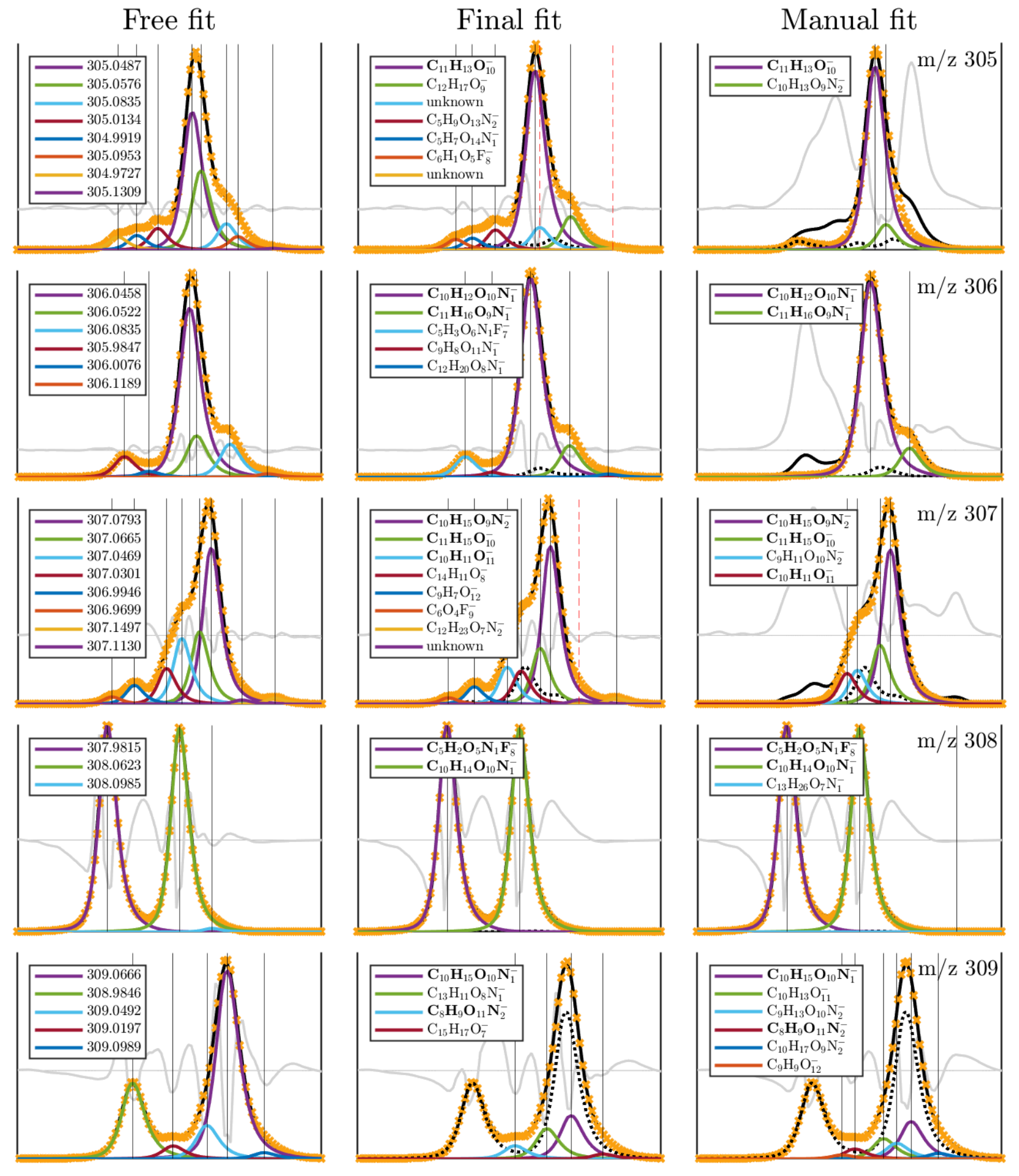

Free fit
Final fit
Manual fit
m/z 280
280.0693
280.0308
280.0631
280.1015
279.9945
$\mathbf{C_9H_{14}O_9N_1^-}$
$\mathbf{C_8H_{10}O_{10}N_1^-}$
$\mathbf{C_{10}H_{18}O_8N_1^-}$
$C_7H_6O_{11}N_1^-$
m/z 281
281.0290
281.0160
281.0700
280.9868
281.0496
281.1029
$\mathbf{C_7H_9O_{10}N_2^-}$
$\mathbf{C_8H_9O_{11}^-}$
unknown
$\mathbf{C_6H_5O_{11}N_2^-}$
$C_{11}H_9O_7N_2^-$
$\mathbf{C_8H_{13}O_9N_2^-}$
$C_8H_{11}O_{10}N_1^-$
m/z 282
282.0104
282.0465
282.0806
$\mathbf{C_7H_8O_{11}N_1^-}$
$\mathbf{C_8H_{12}O_{10}N_1^-}$
$\mathbf{C_9H_{16}O_9N_1^-}$
m/z 283
283.0407
283.0159
283.0504
283.0058
283.0827
283.1152
$\mathbf{C_7H_{11}O_{10}N_2^-}$
$\mathbf{C_6H_7O_{11}N_2^-}$
$C_{10}H_7O_8N_2^-$
$C_{11}H_{11}O_7N_2^-$
unknown
$C_7H_9O_{11}N_1^-$
m/z 284
284.0280
284.0208
284.0634
284.0543
283.9863
284.0937
$\mathbf{C_7H_{10}O_{11}N_1^-}$
$\mathbf{C_8H_{14}O_{10}N_1^-}$
$C_9H_6O_8N_3^-$
$C_5H_3O_7N_1F_5^-$
$C_9H_{18}O_9N_1^-$

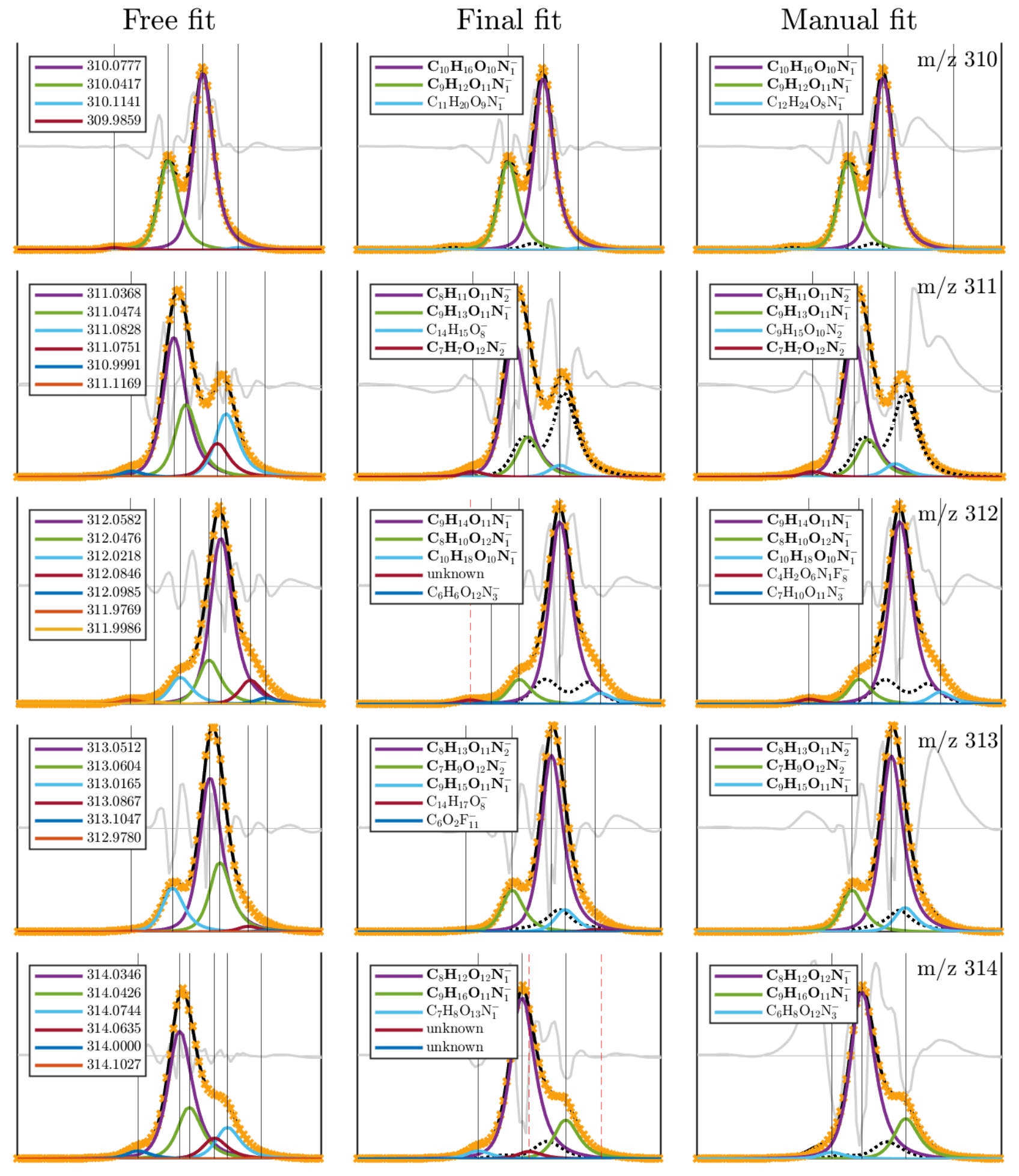

Free fit
Final fit
Manual fit
284.9854
285.0244
284.9988
285.0633
285.0399
$\mathbf{C_5H_5O_{12}N_2^-}$
$\mathbf{C_6H_7O_{12}N_1^-}$
$C_{11}H_9O_9^-$
$C_7H_{13}O_{10}N_2^-$
$\mathbf{C_5H_5O_{12}N_2^-}$
$\mathbf{C_6H_7O_{12}N_1^-}$
$C_6H_9O_{11}N_2^-$
$C_7H_{11}O_{11}N_1^-$
$C_8H_{15}O_{10}N_1^-$
m/z 285
286.0004
285.9803
286.0436
286.0109
286.0322
286.0708
$\mathbf{C_6H_8O_{12}N_1^-}$
$\mathbf{C_7H_{12}O_{11}N_1^-}$
$\mathbf{C_4H_4O_{12}N_3^-}$
$\mathbf{C_5H_8O_{11}N_3^-}$
$C_8H_{16}O_{10}N_1^-$
$\mathbf{C_6H_8O_{12}N_1^-}$
$\mathbf{C_7H_{12}O_{11}N_1^-}$
$\mathbf{C_4H_4O_{12}N_3^-}$
$\mathbf{C_5H_8O_{11}N_3^-}$
$C_{12}H_{16}O_7N_1^-$
m/z 286
287.0007
287.0400
287.0775
$\mathbf{C_5H_7O_{12}N_2^-}$
$C_{11}H_{11}O_9^-$
$C_{12}H_{15}O_8^-$
$\mathbf{C_5H_7O_{12}N_2^-}$
$C_6H_7O_{13}^-$
m/z 287
287.9953
287.9751
288.0067
288.0338
288.0729
288.0492
unknown
$C_4H_6O_{12}N_3^-$
$C_{10}H_{10}O_9N_1^-$
$C_6H_{10}O_{12}N_1^-$
$C_{11}H_{14}O_8N_1^-$
$C_7H_{14}O_{11}N_1^-$
m/z 288
289.0532
288.9920
289.0619
289.0056
289.0219
288.9768
289.0928
$C_{11}H_{13}O_9^-$
$C_5H_7O_{13}N_1^-$
$C_{10}H_9O_{10}^-$
$C_6H_1O_4F_8^-$
$C_{10}H_{13}O_8N_2^-$
$C_{12}H_{17}O_8^-$
m/z 289

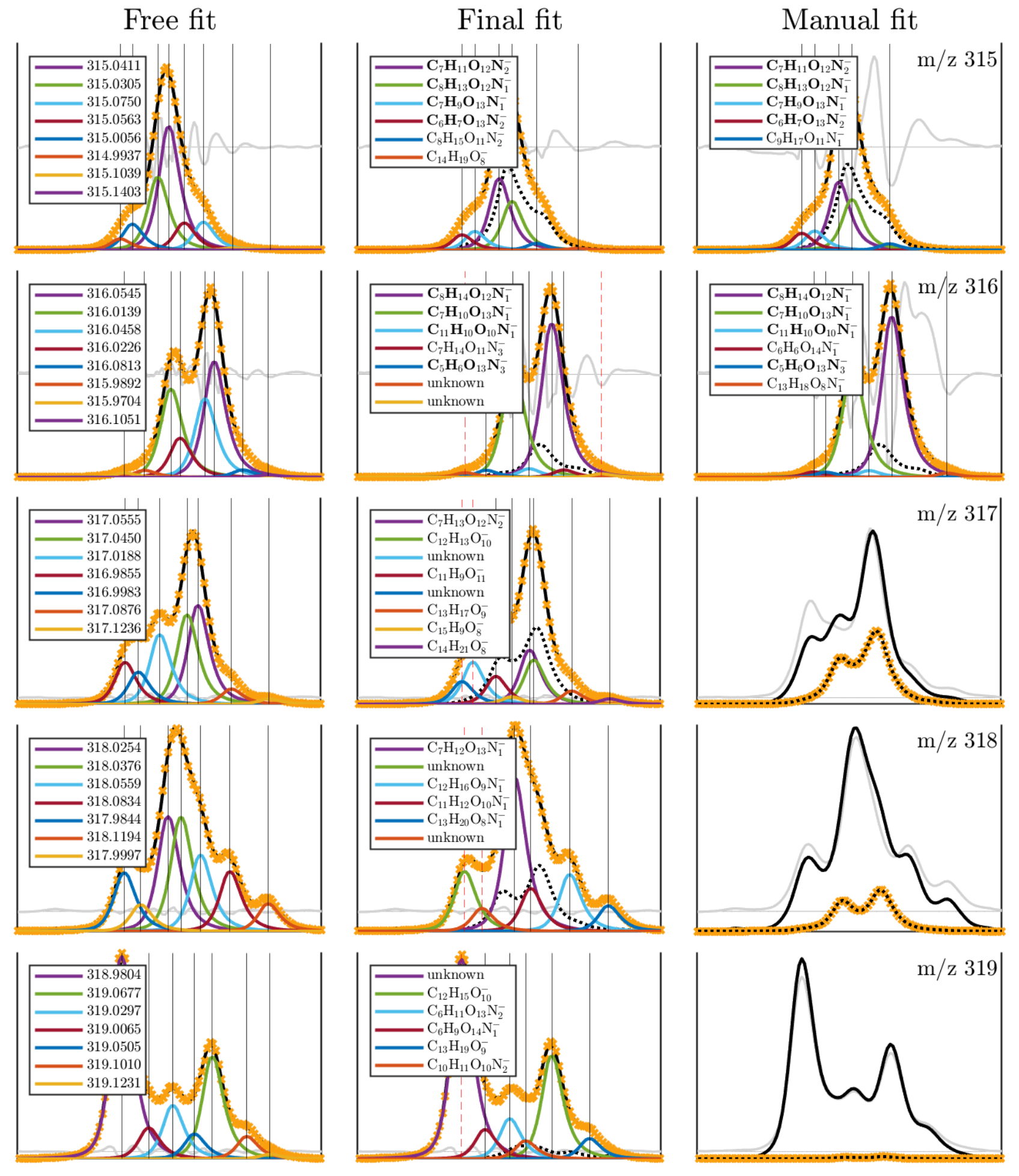

Free fit
Final fit
Manual fit
290.0505
290.0557
289.9868
289.9944
290.0149
290.0887
$C_{10}H_{12}O_9N_1^-$
$C_5H_3O_5N_1F_7^-$
$C_9H_8O_{10}N_1^-$
$C_{11}H_{16}O_8N_1^-$
unknown
m/z 290
291.0672
291.0756
291.0344
291.0502
290.9708
290.9930
291.0096
291.1035
291.1540
unknown
$C_{11}H_{15}O_9^-$
$C_{10}H_{11}O_{10}^-$
unknown
unknown
$C_4H_7O_{13}N_2^-$
$C_{12}H_{19}O_8^-$
$C_{12}H_{23}O_6N_2^-$
m/z 291
292.0674
292.0309
291.9704
292.1028
291.9474
$C_{10}H_{14}O_9N_1^-$
$C_9H_{10}O_{10}N_1^-$
$C_4H_1O_6N_1F_7^-$
$C_{11}H_{18}O_8N_1^-$
unknown
m/z 292
293.0490
293.0583
293.0740
293.0319
293.0146
293.1001
292.9823
292.9604
$C_{10}H_{13}O_{10}^-$
$C_{12}H_9O_7N_2^-$
$C_9H_{13}O_9N_2^-$
$C_9H_9O_{11}^-$
$C_{13}H_{13}O_6N_2^-$
unknown
$C_6H_2O_3F_9^-$
m/z 293
294.0468
294.0831
$C_9H_{12}O_{10}N_1^-$
$C_{10}H_{16}O_9N_1^-$
m/z 294

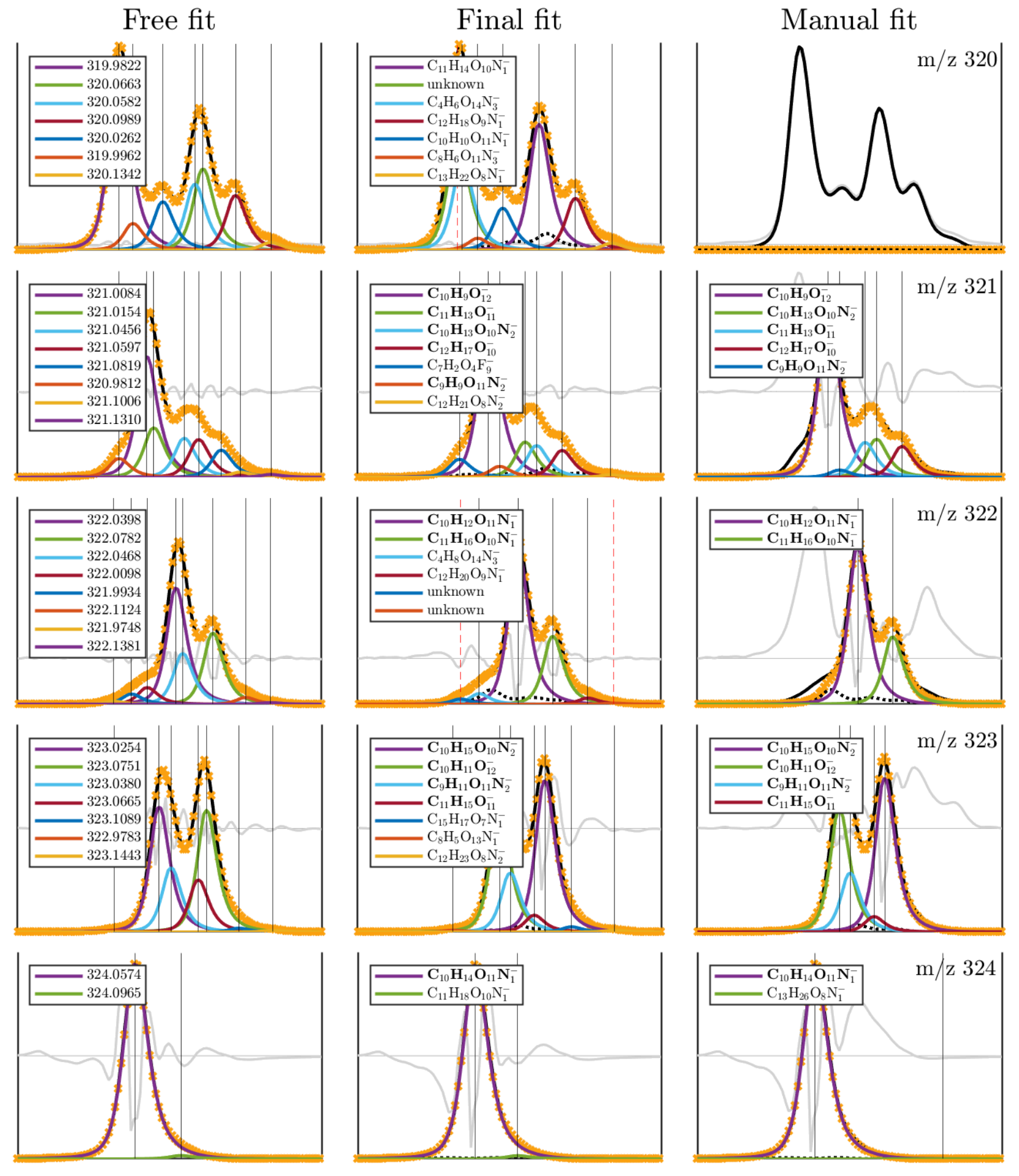

Free fit
Final fit
Manual fit
295.0513
295.0421
294.9824
295.0859
295.0084
$C_6H_1O_2F_{10}^-$
$C_8H_{11}O_{10}N_2^-$
$C_9H_{15}O_9N_2^-$
$C_7H_7O_{11}N_2^-$
m/z 295
296.0632
296.0537
296.0260
295.9819
296.0966
$C_9H_{14}O_{10}N_1^-$
$C_8H_{10}O_{11}N_1^-$
unknown
$C_{10}H_{18}O_9N_1^-$
m/z 296
297.0215
297.0576
297.0711
$C_7H_9O_{11}N_2^-$
$C_8H_{13}O_{10}N_2^-$
m/z 297
298.0374
298.0459
298.0222
298.0668
298.0798
298.0029
$C_8H_{12}O_{11}N_1^-$
$C_9H_{16}O_{10}N_1^-$
$C_7H_8O_{12}N_1^-$
m/z 298
299.0392
299.0198
299.0525
299.0076
299.0791
$C_7H_9O_{12}N_1^-$
$C_8H_{13}O_{11}N_1^-$
$C_7H_{11}O_{11}N_2^-$
$C_6H_7O_{12}N_2^-$
$C_{13}H_{15}O_8^-$
m/z 299

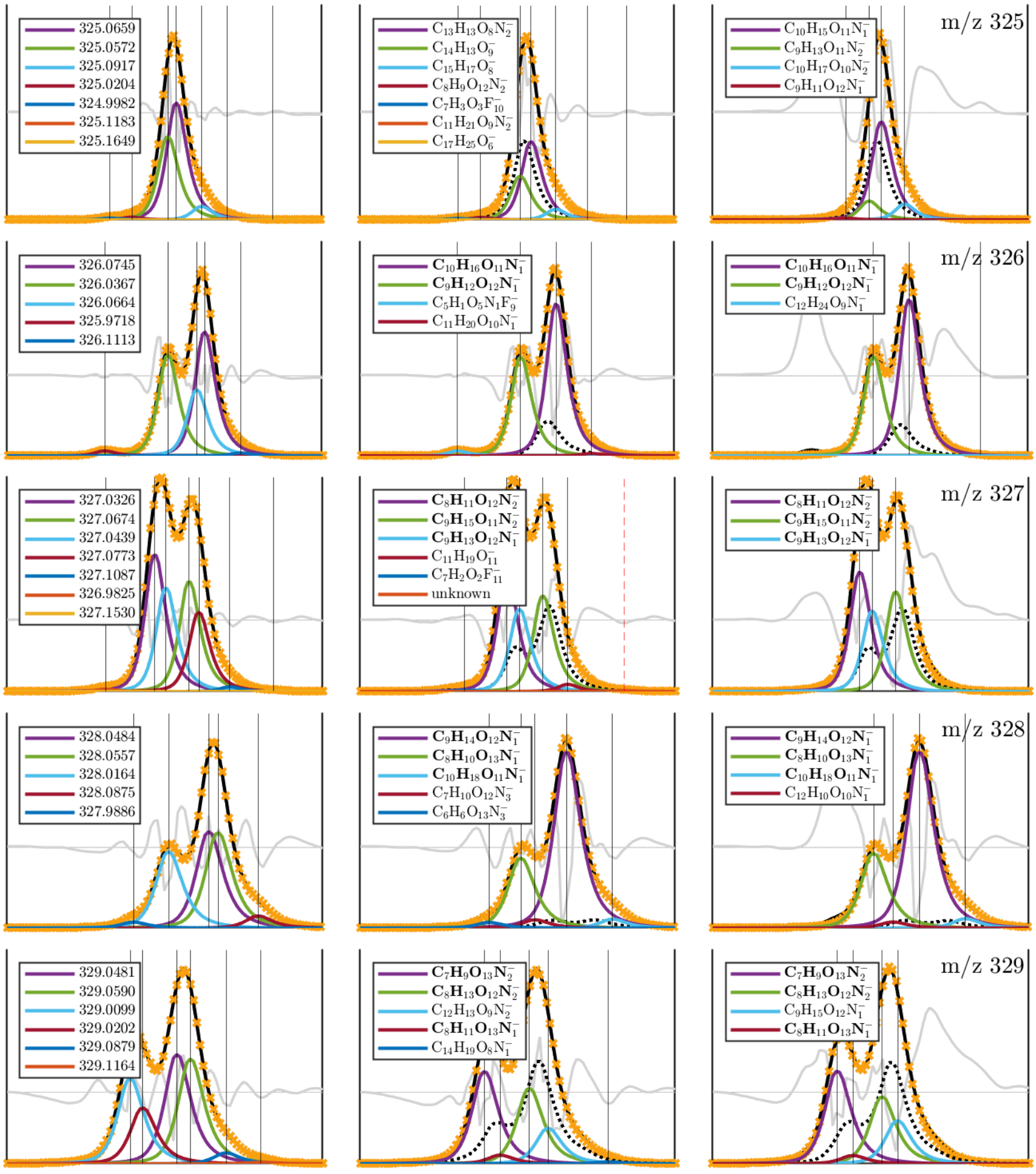

Free fit
Final fit
Manual fit
300.0186
300.0257
300.0594
300.0519
299.9865
300.0889
$\mathbf{C_7H_{10}O_{12}N_1^-}$
$\mathbf{C_8H_{14}O_{11}N_1^-}$
$C_6H_6O_{13}N_1^-$
$\mathbf{C_6H_{10}O_{11}N_3^-}$
$C_5H_6O_{12}N_3^-$
$C_9H_{18}O_{10}N_1^-$
$\mathbf{C_7H_{10}O_{12}N_1^-}$
$\mathbf{C_8H_{14}O_{11}N_1^-}$
$\mathbf{C_6H_{10}O_{11}N_3^-}$
$C_{13}H_{18}O_7N_1^-$
m/z 300
301.0274
301.0511
301.0178
301.0606
300.9806
300.9946
301.0922
301.1242
$C_7H_{13}O_{11}N_2^-$
$C_6H_9O_{12}N_2^-$
$C_5H_5O_{13}N_2^-$
$C_7H_{11}O_{12}N_1^-$
$C_6H_7O_{13}N_1^-$
$C_8H_{15}O_{11}N_1^-$
$C_{13}H_{17}O_8^-$
m/z 301
302.0373
302.0008
302.0225
302.0599
301.9849
302.0875
301.9516
302.1203
$C_7H_{12}O_{12}N_1^-$
$C_6H_8O_{13}N_1^-$
$C_{10}H_8O_{10}N_1^-$
$C_{12}H_{16}O_8N_1^-$
unknown
unknown
unknown
$C_{13}H_{20}O_7N_1^-$
m/z 302
302.9915
302.9996
303.0327
303.0722
303.0460
303.1071
$C_7H_3O_4F_8^-$
$C_{10}H_7O_{11}^-$
$C_6H_{11}O_{12}N_2^-$
$C_{12}H_{15}O_9^-$
$C_7H_{13}O_{12}N_1^-$
$C_{13}H_{19}O_8^-$
m/z 303
303.9700
304.0674
304.0348
303.9943
304.0192
304.1036
303.8849
unknown
$\mathbf{C_{11}H_{14}O_9N_1^-}$
$\mathbf{C_{10}H_{10}O_{10}N_1^-}$
$\mathbf{C_4H_6O_{13}N_3^-}$
$\mathbf{C_{12}H_{18}O_8N_1^-}$
$C_6H_{10}O_{13}N_1^-$
unknown
$C_5H_1O_6N_1F_7^-$
$\mathbf{C_{11}H_{14}O_9N_1^-}$
$\mathbf{C_{10}H_{10}O_{10}N_1^-}$
$\mathbf{C_4H_6O_{13}N_3^-}$
$\mathbf{C_{12}H_{18}O_8N_1^-}$
m/z 304

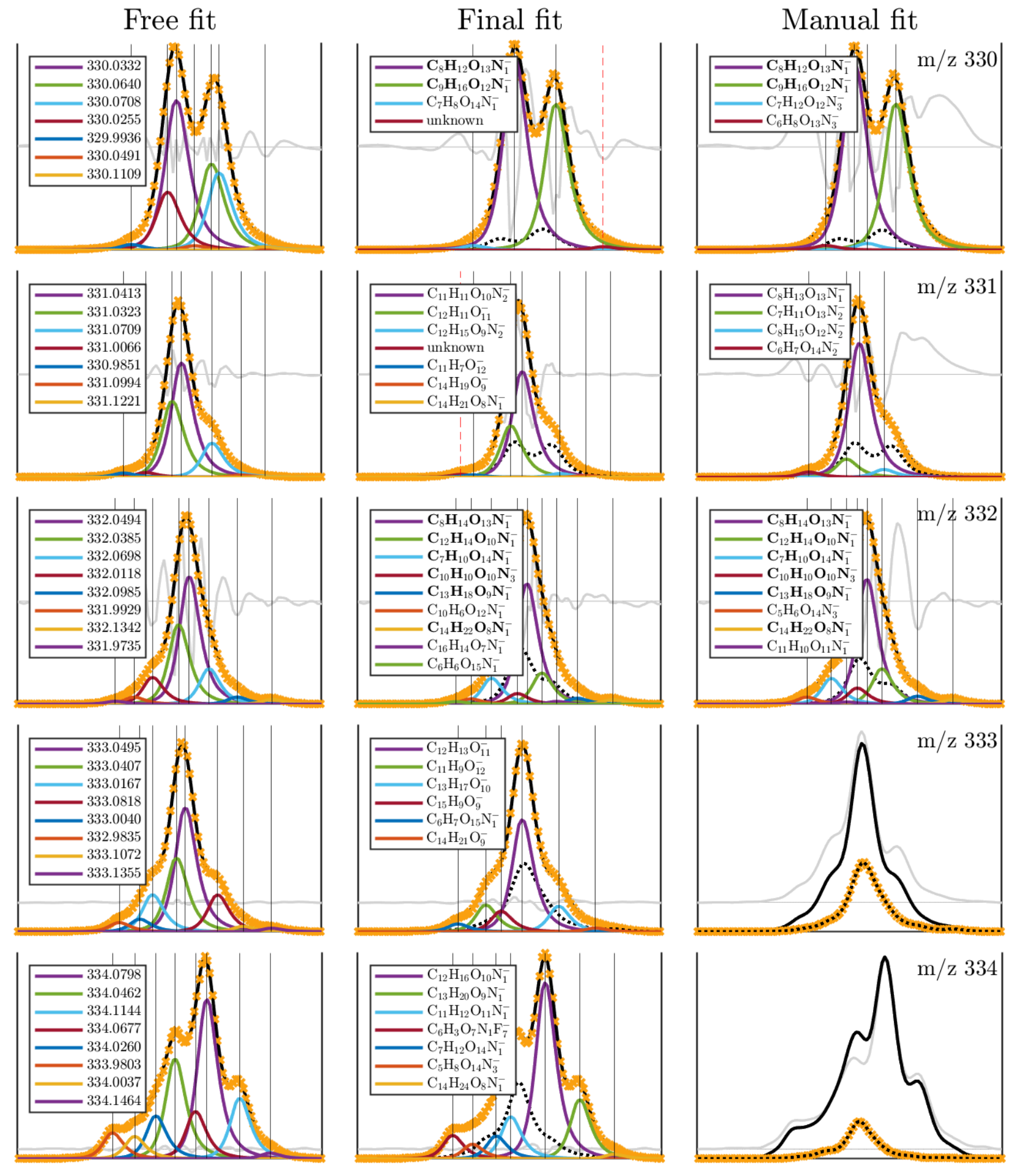

Free fit
Final fit
Manual fit
305.0487
305.0576
305.0835
305.0134
304.9919
305.0953
304.9727
305.1309
$\mathbf{C_{11}H_{13}O_{10}^-}$
$C_{12}H_{17}O_9^-$
unknown
$C_5H_9O_{13}N_2^-$
$C_5H_7O_{14}N_1^-$
$C_6H_1O_5F_8^-$
unknown
$\mathbf{C_{11}H_{13}O_{10}^-}$
$C_{10}H_{13}O_9N_2^-$
m/z 305
306.0458
306.0522
306.0835
305.9847
306.0076
306.1189
$\mathbf{C_{10}H_{12}O_{10}N_1^-}$
$\mathbf{C_{11}H_{16}O_9N_1^-}$
$C_5H_3O_6N_1F_7^-$
$C_9H_8O_{11}N_1^-$
$C_{12}H_{20}O_8N_1^-$
$\mathbf{C_{10}H_{12}O_{10}N_1^-}$
$\mathbf{C_{11}H_{16}O_9N_1^-}$
m/z 306
307.0793
307.0665
307.0469
307.0301
306.9946
306.9699
307.1497
307.1130
$\mathbf{C_{10}H_{15}O_9N_2^-}$
$\mathbf{C_{11}H_{15}O_{10}^-}$
$\mathbf{C_{10}H_{11}O_{11}^-}$
$C_{14}H_{11}O_8^-$
$C_9H_7O_{12}^-$
$C_6O_4F_9^-$
$C_{12}H_{23}O_7N_2^-$
unknown
$\mathbf{C_{10}H_{15}O_9N_2^-}$
$\mathbf{C_{11}H_{15}O_{10}^-}$
$C_9H_{11}O_{10}N_2^-$
$\mathbf{C_{10}H_{11}O_{11}^-}$
m/z 307
307.9815
308.0623
308.0985
$\mathbf{C_5H_2O_5N_1F_8^-}$
$\mathbf{C_{10}H_{14}O_{10}N_1^-}$
$\mathbf{C_5H_2O_5N_1F_8^-}$
$\mathbf{C_{10}H_{14}O_{10}N_1^-}$
$C_{13}H_{26}O_7N_1^-$
m/z 308
309.0666
308.9846
309.0492
309.0197
309.0989
$\mathbf{C_{10}H_{15}O_{10}N_1^-}$
$C_{13}H_{11}O_8N_1^-$
$\mathbf{C_8H_9O_{11}N_2^-}$
$C_{15}H_{17}O_7^-$
$\mathbf{C_{10}H_{15}O_{10}N_1^-}$
$C_{10}H_{13}O_{11}^-$
$C_9H_{13}O_{10}N_2^-$
$\mathbf{C_8H_9O_{11}N_2^-}$
$C_{10}H_{17}O_9N_2^-$
$C_9H_9O_{12}^-$
m/z 309

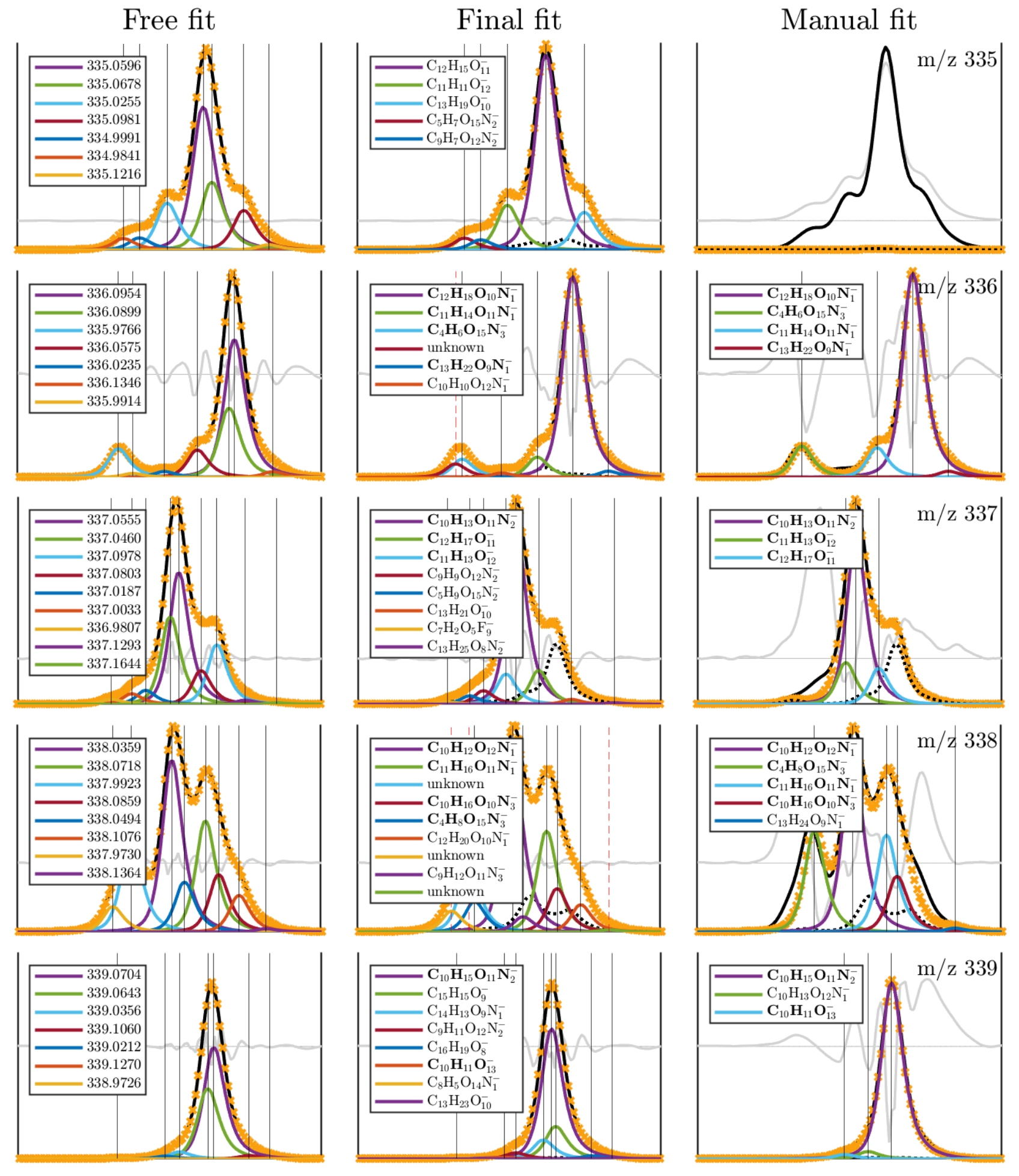

Free fit
Final fit
Manual fit
m/z 310
310.0777
310.0417
310.1141
309.9859
$\mathbf{C_{10}H_{16}O_{10}N_1^-}$
$\mathbf{C_9H_{12}O_{11}N_1^-}$
$C_{11}H_{20}O_9N_1^-$
$C_{12}H_{24}O_8N_1^-$
m/z 311
311.0368
311.0474
311.0828
311.0751
310.9991
311.1169
$\mathbf{C_8H_{11}O_{11}N_2^-}$
$\mathbf{C_9H_{13}O_{11}N_1^-}$
$C_{14}H_{15}O_8^-$
$\mathbf{C_7H_7O_{12}N_2^-}$
$C_9H_{15}O_{10}N_2^-$
m/z 312
312.0582
312.0476
312.0218
312.0846
312.0985
311.9769
311.9986
$\mathbf{C_9H_{14}O_{11}N_1^-}$
$\mathbf{C_8H_{10}O_{12}N_1^-}$
$\mathbf{C_{10}H_{18}O_{10}N_1^-}$
unknown
$C_6H_6O_{12}N_3^-$
$C_4H_2O_6N_1F_8^-$
$C_7H_{10}O_{11}N_3^-$
m/z 313
313.0512
313.0604
313.0165
313.0867
313.1047
312.9780
$\mathbf{C_8H_{13}O_{11}N_2^-}$
$\mathbf{C_7H_9O_{12}N_2^-}$
$\mathbf{C_9H_{15}O_{11}N_1^-}$
$C_{14}H_{17}O_8^-$
$C_6O_2F_{11}^-$
m/z 314
314.0346
314.0426
314.0744
314.0635
314.0000
314.1027
$\mathbf{C_8H_{12}O_{12}N_1^-}$
$\mathbf{C_9H_{16}O_{11}N_1^-}$
$C_7H_8O_{13}N_1^-$
unknown
unknown
$C_6H_8O_{12}N_3^-$

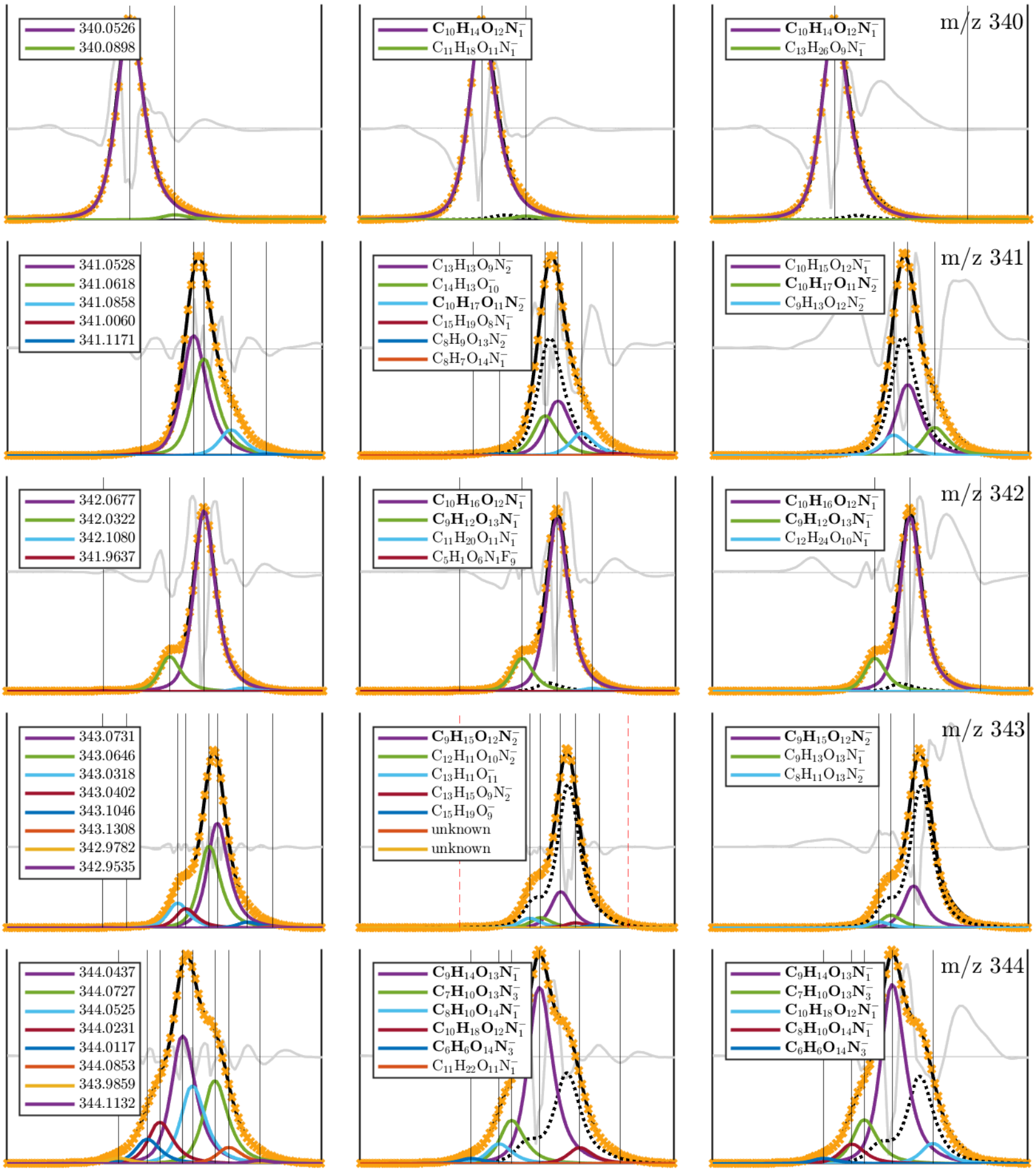

Free fit
Final fit
Manual fit
m/z 315
315.0411
315.0305
315.0750
315.0563
315.0056
314.9937
315.1039
315.1403
$\mathbf{C_7H_{11}O_{12}N_2^-}$
$\mathbf{C_8H_{13}O_{12}N_1^-}$
$\mathbf{C_7H_9O_{13}N_1^-}$
$\mathbf{C_6H_7O_{13}N_2^-}$
$C_8H_{15}O_{11}N_2^-$
$C_{14}H_{19}O_8^-$
$C_9H_{17}O_{11}N_1^-$
m/z 316
316.0545
316.0139
316.0458
316.0226
316.0813
315.9892
315.9704
316.1051
$\mathbf{C_8H_{14}O_{12}N_1^-}$
$\mathbf{C_7H_{10}O_{13}N_1^-}$
$\mathbf{C_{11}H_{10}O_{10}N_1^-}$
$C_7H_{14}O_{11}N_3^-$
$\mathbf{C_5H_6O_{13}N_3^-}$
unknown
unknown
$C_6H_6O_{14}N_1^-$
$C_{13}H_{18}O_8N_1^-$
m/z 317
317.0555
317.0450
317.0188
316.9855
316.9983
317.0876
317.1236
$C_7H_{13}O_{12}N_2^-$
$C_{12}H_{13}O_{10}^-$
unknown
$C_{11}H_9O_{11}^-$
unknown
$C_{13}H_{17}O_9^-$
$C_{15}H_9O_8^-$
$C_{14}H_{21}O_8^-$
m/z 318
318.0254
318.0376
318.0559
318.0834
317.9844
318.1194
317.9997
$C_7H_{12}O_{13}N_1^-$
unknown
$C_{12}H_{16}O_9N_1^-$
$C_{11}H_{12}O_{10}N_1^-$
$C_{13}H_{20}O_8N_1^-$
unknown
m/z 319
318.9804
319.0677
319.0297
319.0065
319.0505
319.1010
319.1231
unknown
$C_{12}H_{15}O_{10}^-$
$C_6H_{11}O_{13}N_2^-$
$C_6H_9O_{14}N_1^-$
$C_{13}H_{19}O_9^-$
$C_{10}H_{11}O_{10}N_2^-$

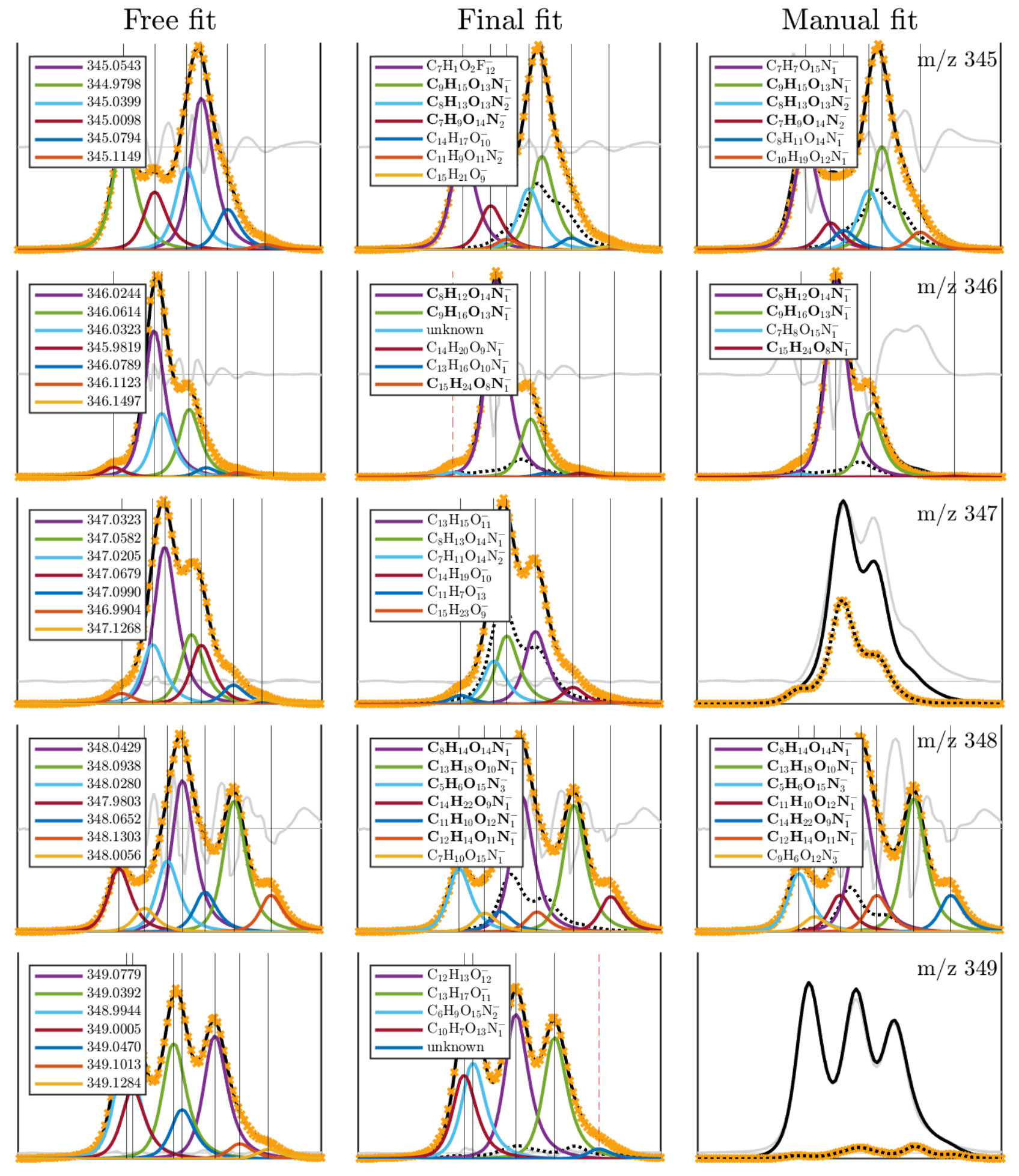

Free fit
Final fit
Manual fit
319.9822
320.0663
320.0582
320.0989
320.0262
319.9962
320.1342
$C_{11}H_{14}O_{10}N_1^-$
unknown
$C_4H_6O_{14}N_3^-$
$C_{12}H_{18}O_9N_1^-$
$C_{10}H_{10}O_{11}N_1^-$
$C_8H_6O_{11}N_3^-$
$C_{13}H_{22}O_8N_1^-$
m/z 320
321.0084
321.0154
321.0456
321.0597
321.0819
320.9812
321.1006
321.1310
$\mathbf{C_{10}H_9O_{12}^-}$
$\mathbf{C_{11}H_{13}O_{11}^-}$
$\mathbf{C_{10}H_{13}O_{10}N_2^-}$
$\mathbf{C_{12}H_{17}O_{10}^-}$
$C_7H_2O_4F_9^-$
$\mathbf{C_9H_9O_{11}N_2^-}$
$C_{12}H_{21}O_8N_2^-$
m/z 321
322.0398
322.0782
322.0468
322.0098
321.9934
322.1124
321.9748
322.1381
$\mathbf{C_{10}H_{12}O_{11}N_1^-}$
$\mathbf{C_{11}H_{16}O_{10}N_1^-}$
$C_4H_8O_{14}N_3^-$
$C_{12}H_{20}O_9N_1^-$
unknown
unknown
m/z 322
323.0254
323.0751
323.0380
323.0665
323.1089
322.9783
323.1443
$\mathbf{C_{10}H_{15}O_{10}N_2^-}$
$\mathbf{C_{10}H_{11}O_{12}^-}$
$\mathbf{C_9H_{11}O_{11}N_2^-}$
$\mathbf{C_{11}H_{15}O_{11}^-}$
$C_{15}H_{17}O_7N_1^-$
$C_8H_5O_{13}N_1^-$
$C_{12}H_{23}O_8N_2^-$
m/z 323
324.0574
324.0965
$\mathbf{C_{10}H_{14}O_{11}N_1^-}$
$C_{11}H_{18}O_{10}N_1^-$
$C_{13}H_{26}O_8N_1^-$
m/z 324

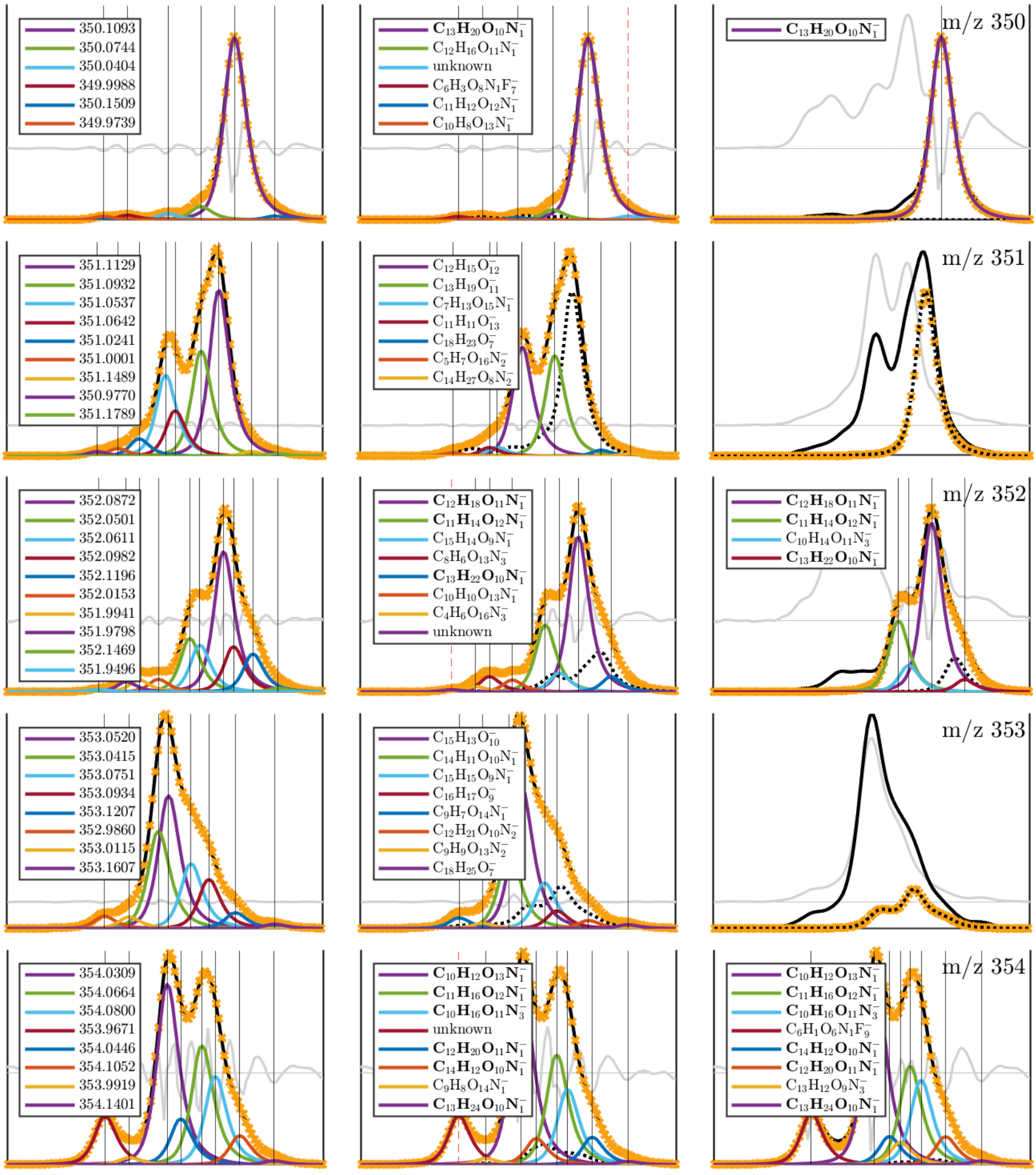

Free fit
Final fit
Manual fit
m/z 325
325.0659
325.0572
325.0917
325.0204
324.9982
325.1183
325.1649
$C_{13}H_{13}O_8N_2^-$
$C_{14}H_{13}O_9^-$
$C_{15}H_{17}O_8^-$
$C_8H_9O_{12}N_2^-$
$C_7H_3O_3F_{10}^-$
$C_{11}H_{21}O_9N_2^-$
$C_{17}H_{25}O_6^-$
$C_{10}H_{15}O_{11}N_1^-$
$C_9H_{13}O_{11}N_2^-$
$C_{10}H_{17}O_{10}N_2^-$
$C_9H_{11}O_{12}N_1^-$
m/z 326
326.0745
326.0367
326.0664
325.9718
326.1113
$C_{10}H_{16}O_{11}N_1^-$
$C_9H_{12}O_{12}N_1^-$
$C_5H_1O_5N_1F_9^-$
$C_{11}H_{20}O_{10}N_1^-$
$C_{10}H_{16}O_{11}N_1^-$
$C_9H_{12}O_{12}N_1^-$
$C_{12}H_{24}O_9N_1^-$
m/z 327
327.0326
327.0674
327.0439
327.0773
327.1087
326.9825
327.1530
$C_8H_{11}O_{12}N_2^-$
$C_9H_{15}O_{11}N_2^-$
$C_9H_{13}O_{12}N_1^-$
$C_{11}H_{19}O_{11}^-$
$C_7H_2O_2F_{11}^-$
unknown
$C_8H_{11}O_{12}N_2^-$
$C_9H_{15}O_{11}N_2^-$
$C_9H_{13}O_{12}N_1^-$
m/z 328
328.0484
328.0557
328.0164
328.0875
327.9886
$C_9H_{14}O_{12}N_1^-$
$C_8H_{10}O_{13}N_1^-$
$C_{10}H_{18}O_{11}N_1^-$
$C_7H_{10}O_{12}N_3^-$
$C_6H_6O_{13}N_3^-$
$C_9H_{14}O_{12}N_1^-$
$C_8H_{10}O_{13}N_1^-$
$C_{10}H_{18}O_{11}N_1^-$
$C_{12}H_{10}O_{10}N_1^-$
m/z 329
329.0481
329.0590
329.0099
329.0202
329.0879
329.1164
$C_7H_9O_{13}N_2^-$
$C_8H_{13}O_{12}N_2^-$
$C_{12}H_{13}O_9N_2^-$
$C_8H_{11}O_{13}N_1^-$
$C_{14}H_{19}O_8N_1^-$
$C_7H_9O_{13}N_2^-$
$C_8H_{13}O_{12}N_2^-$
$C_9H_{15}O_{12}N_1^-$
$C_8H_{11}O_{13}N_1^-$

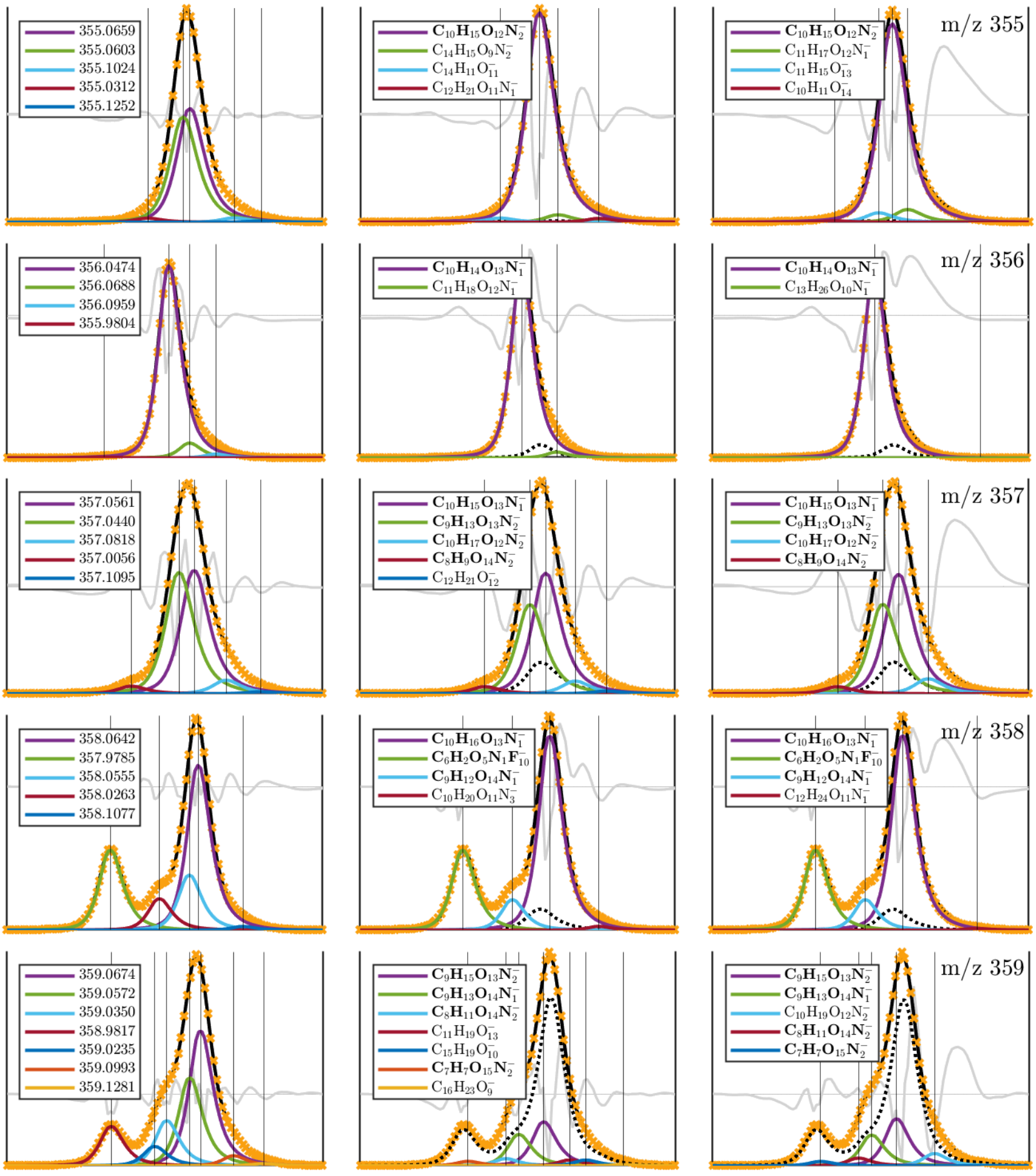

Free fit
Final fit
Manual fit
m/z 330
330.0332
330.0640
330.0708
330.0255
329.9936
330.0491
330.1109
$\mathbf{C_8H_{12}O_{13}N_1^-}$
$\mathbf{C_9H_{16}O_{12}N_1^-}$
$C_7H_8O_{14}N_1^-$
unknown
$C_7H_{12}O_{12}N_3^-$
$C_6H_8O_{13}N_3^-$
m/z 331
331.0413
331.0323
331.0709
331.0066
330.9851
331.0994
331.1221
$C_{11}H_{11}O_{10}N_2^-$
$C_{12}H_{11}O_{11}^-$
$C_{12}H_{15}O_9N_2^-$
$C_{11}H_7O_{12}^-$
$C_{14}H_{19}O_9^-$
$C_{14}H_{21}O_8N_1^-$
$C_8H_{13}O_{13}N_1^-$
$C_7H_{11}O_{13}N_2^-$
$C_8H_{15}O_{12}N_2^-$
$C_6H_7O_{14}N_2^-$
m/z 332
332.0494
332.0385
332.0698
332.0118
332.0985
331.9929
332.1342
331.9735
$\mathbf{C_8H_{14}O_{13}N_1^-}$
$\mathbf{C_{12}H_{14}O_{10}N_1^-}$
$\mathbf{C_7H_{10}O_{14}N_1^-}$
$\mathbf{C_{10}H_{10}O_{10}N_3^-}$
$\mathbf{C_{13}H_{18}O_9N_1^-}$
$C_{10}H_6O_{12}N_1^-$
$\mathbf{C_{14}H_{22}O_8N_1^-}$
$C_{16}H_{14}O_7N_1^-$
$C_6H_6O_{15}N_1^-$
$C_5H_6O_{14}N_3^-$
$C_{11}H_{10}O_{11}N_1^-$
m/z 333
333.0495
333.0407
333.0167
333.0818
333.0040
332.9835
333.1072
333.1355
$C_{12}H_{13}O_{11}^-$
$C_{11}H_9O_{12}^-$
$C_{13}H_{17}O_{10}^-$
$C_{15}H_9O_9^-$
$C_6H_7O_{15}N_1^-$
$C_{14}H_{21}O_9^-$
m/z 334
334.0798
334.0462
334.1144
334.0677
334.0260
333.9803
334.0037
334.1464
$C_{12}H_{16}O_{10}N_1^-$
$C_{13}H_{20}O_9N_1^-$
$C_{11}H_{12}O_{11}N_1^-$
$C_6H_3O_7N_1F_7^-$
$C_7H_{12}O_{14}N_1^-$
$C_5H_8O_{14}N_3^-$
$C_{14}H_{24}O_8N_1^-$

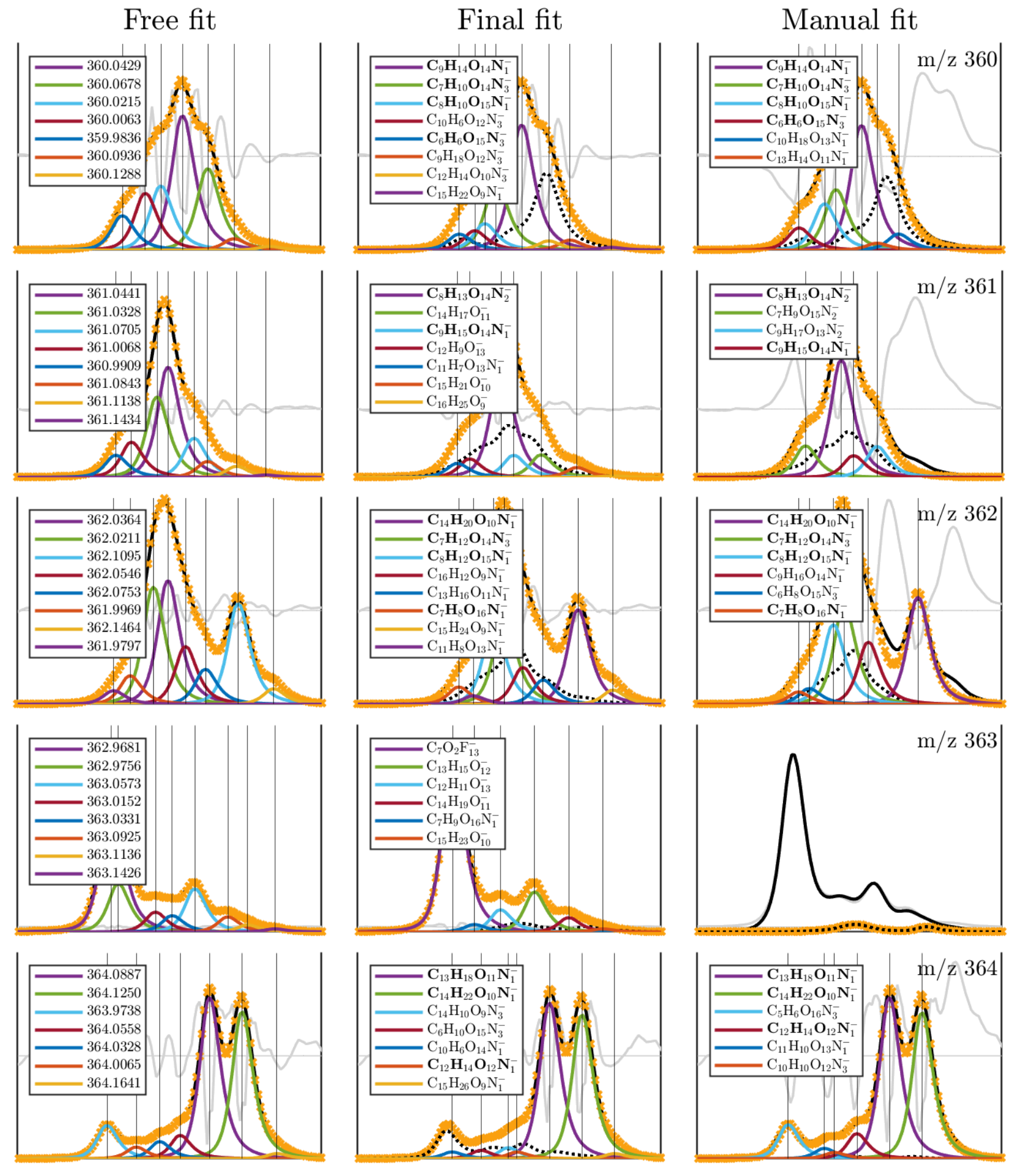

Free fit
Final fit
Manual fit
335.0596
335.0678
335.0255
335.0981
334.9991
334.9841
335.1216
$C_{12}H_{15}O_{11}^-$
$C_{11}H_{11}O_{12}^-$
$C_{13}H_{19}O_{10}^-$
$C_5H_7O_{15}N_2^-$
$C_9H_7O_{12}N_2^-$
m/z 335
336.0954
336.0899
335.9766
336.0575
336.0235
336.1346
335.9914
$\mathbf{C_{12}H_{18}O_{10}N_1^-}$
$\mathbf{C_{11}H_{14}O_{11}N_1^-}$
$\mathbf{C_4H_6O_{15}N_3^-}$
unknown
$\mathbf{C_{13}H_{22}O_9N_1^-}$
$C_{10}H_{10}O_{12}N_1^-$
m/z 336
337.0555
337.0460
337.0978
337.0803
337.0187
337.0033
336.9807
337.1293
337.1644
$\mathbf{C_{10}H_{13}O_{11}N_2^-}$
$\mathbf{C_{12}H_{17}O_{11}^-}$
$\mathbf{C_{11}H_{13}O_{12}^-}$
$C_9H_9O_{12}N_2^-$
$C_5H_9O_{15}N_2^-$
$C_{13}H_{21}O_{10}^-$
$C_7H_2O_5F_9^-$
$C_{13}H_{25}O_8N_2^-$
m/z 337
338.0359
338.0718
337.9923
338.0859
338.0494
338.1076
337.9730
338.1364
$\mathbf{C_{10}H_{12}O_{12}N_1^-}$
$\mathbf{C_{11}H_{16}O_{11}N_1^-}$
unknown
$\mathbf{C_{10}H_{16}O_{10}N_3^-}$
$\mathbf{C_4H_8O_{15}N_3^-}$
$C_{12}H_{20}O_{10}N_1^-$
unknown
$C_9H_{12}O_{11}N_3^-$
unknown
m/z 338
339.0704
339.0643
339.0356
339.1060
339.0212
339.1270
338.9726
$\mathbf{C_{10}H_{15}O_{11}N_2^-}$
$C_{15}H_{15}O_9^-$
$C_{14}H_{13}O_9N_1^-$
$C_9H_{11}O_{12}N_2^-$
$C_{16}H_{19}O_8^-$
$\mathbf{C_{10}H_{11}O_{13}^-}$
$C_8H_5O_{14}N_1^-$
$C_{13}H_{23}O_{10}^-$
m/z 339

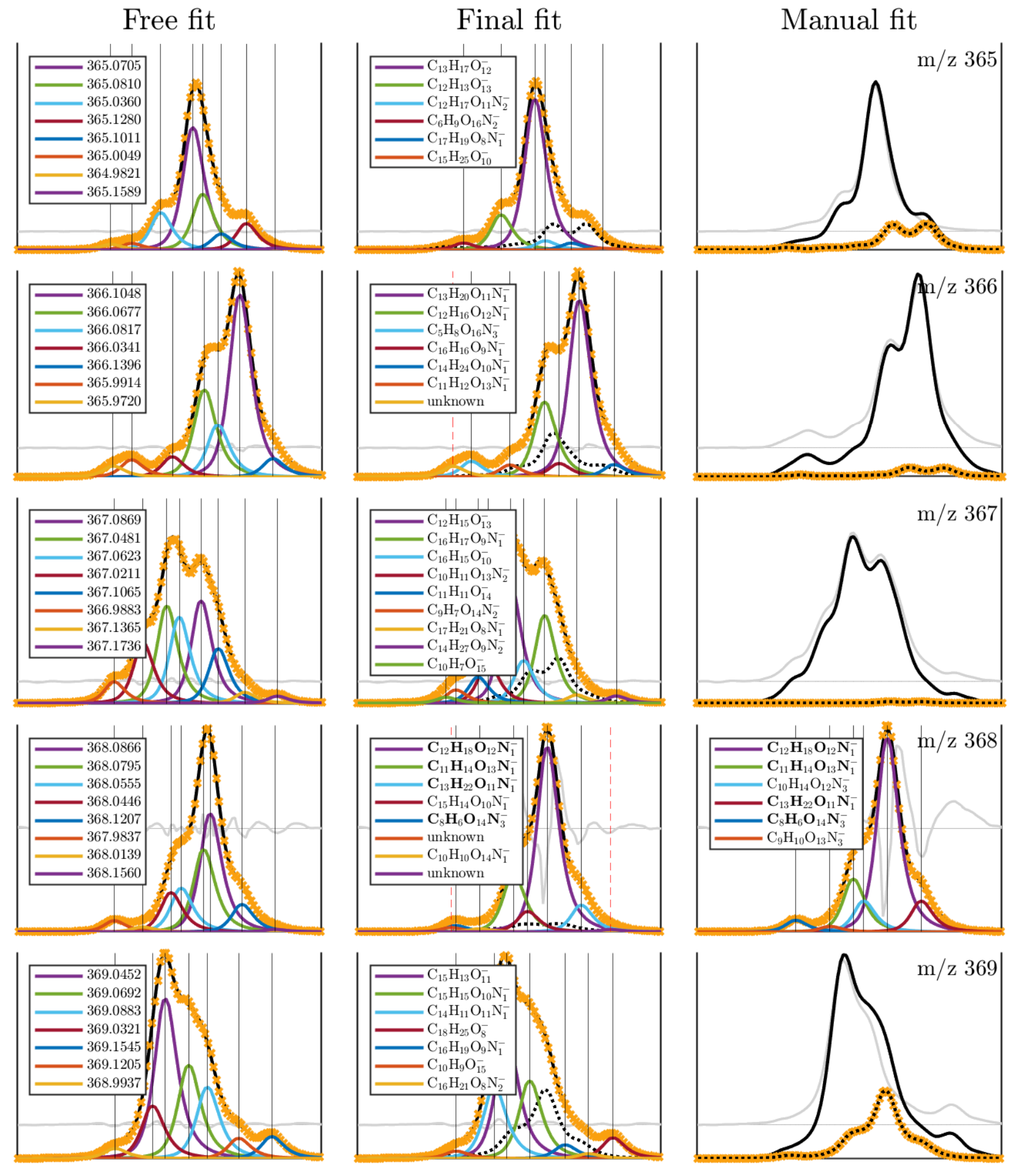

Free fit
Final fit
Manual fit
m/z 340
340.0526
340.0898
C10H14O12N1−
C11H18O11N1−
C10H14O12N1−
C13H26O9N1−
m/z 341
341.0528
341.0618
341.0858
341.0060
341.1171
C13H13O9N2−
C14H13O10−
C10H17O11N2−
C15H19O8N1−
C8H9O13N2−
C8H7O14N1−
C10H15O12N1−
C10H17O11N2−
C9H13O12N2−
m/z 342
342.0677
342.0322
342.1080
341.9637
C10H16O12N1−
C9H12O13N1−
C11H20O11N1−
C5H1O6N1F9−
C10H16O12N1−
C9H12O13N1−
C12H24O10N1−
m/z 343
343.0731
343.0646
343.0318
343.0402
343.1046
343.1308
342.9782
342.9535
C9H15O12N2−
C12H11O10N2−
C13H11O11−
C13H15O9N2−
C15H19O9−
unknown
unknown
C9H15O12N2−
C9H13O13N1−
C8H11O13N2−
m/z 344
344.0437
344.0727
344.0525
344.0231
344.0117
344.0853
343.9859
344.1132
C9H14O13N1−
C7H10O13N3−
C8H10O14N1−
C10H18O12N1−
C6H6O14N3−
C11H22O11N1−
C9H14O13N1−
C7H10O13N3−
C10H18O12N1−
C8H10O14N1−
C6H6O14N3−

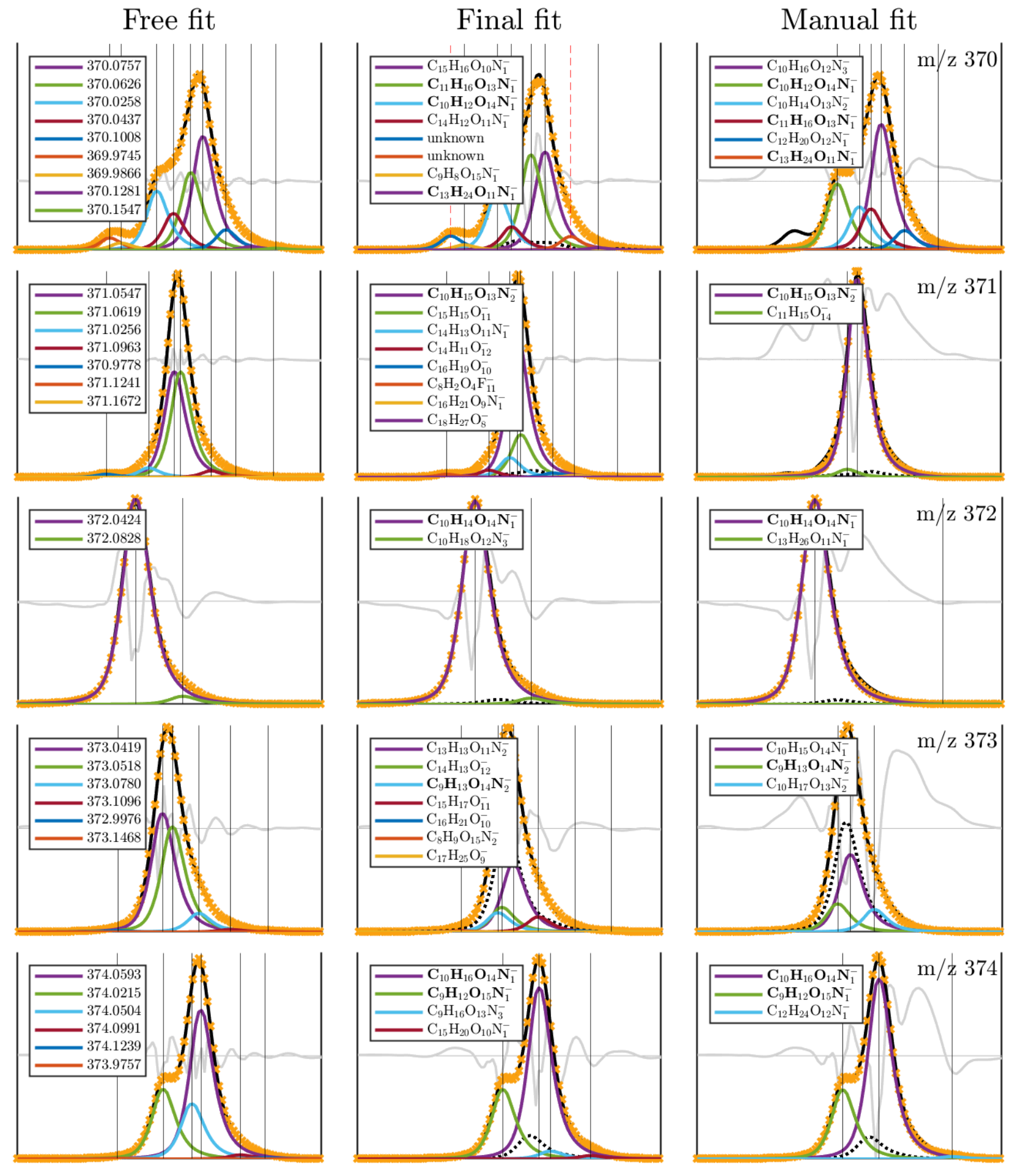

Free fit
Final fit
Manual fit
m/z 345
m/z 346
m/z 347
m/z 348
m/z 349
345.0543
344.9798
345.0399
345.0098
345.0794
345.1149
$C_7H_1O_2F_{12}^-$
$\mathbf{C_9H_{15}O_{13}N_1^-}$
$\mathbf{C_8H_{13}O_{13}N_2^-}$
$\mathbf{C_7H_9O_{14}N_2^-}$
$C_{14}H_{17}O_{10}^-$
$C_{11}H_9O_{11}N_2^-$
$C_{15}H_{21}O_9^-$
$C_7H_7O_{15}N_1^-$
$\mathbf{C_9H_{15}O_{13}N_1^-}$
$\mathbf{C_8H_{13}O_{13}N_2^-}$
$\mathbf{C_7H_9O_{14}N_2^-}$
$C_8H_{11}O_{14}N_1^-$
$C_{10}H_{19}O_{12}N_1^-$
346.0244
346.0614
346.0323
345.9819
346.0789
346.1123
346.1497
$\mathbf{C_8H_{12}O_{14}N_1^-}$
$\mathbf{C_9H_{16}O_{13}N_1^-}$
unknown
$C_{14}H_{20}O_9N_1^-$
$C_{13}H_{16}O_{10}N_1^-$
$\mathbf{C_{15}H_{24}O_8N_1^-}$
$\mathbf{C_8H_{12}O_{14}N_1^-}$
$\mathbf{C_9H_{16}O_{13}N_1^-}$
$C_7H_8O_{15}N_1^-$
$\mathbf{C_{15}H_{24}O_8N_1^-}$
347.0323
347.0582
347.0205
347.0679
347.0990
346.9904
347.1268
$C_{13}H_{15}O_{11}^-$
$C_8H_{13}O_{14}N_1^-$
$C_7H_{11}O_{14}N_2^-$
$C_{14}H_{19}O_{10}^-$
$C_{11}H_7O_{13}^-$
$C_{15}H_{23}O_9^-$
348.0429
348.0938
348.0280
347.9803
348.0652
348.1303
348.0056
$\mathbf{C_8H_{14}O_{14}N_1^-}$
$\mathbf{C_{13}H_{18}O_{10}N_1^-}$
$\mathbf{C_5H_6O_{15}N_3^-}$
$\mathbf{C_{14}H_{22}O_9N_1^-}$
$\mathbf{C_{11}H_{10}O_{12}N_1^-}$
$\mathbf{C_{12}H_{14}O_{11}N_1^-}$
$C_7H_{10}O_{15}N_1^-$
$\mathbf{C_8H_{14}O_{14}N_1^-}$
$\mathbf{C_{13}H_{18}O_{10}N_1^-}$
$\mathbf{C_5H_6O_{15}N_3^-}$
$\mathbf{C_{11}H_{10}O_{12}N_1^-}$
$\mathbf{C_{14}H_{22}O_9N_1^-}$
$\mathbf{C_{12}H_{14}O_{11}N_1^-}$
$C_9H_6O_{12}N_3^-$
349.0779
349.0392
348.9944
349.0005
349.0470
349.1013
349.1284
$C_{12}H_{13}O_{12}^-$
$C_{13}H_{17}O_{11}^-$
$C_6H_9O_{15}N_2^-$
$C_{10}H_7O_{13}N_1^-$
unknown

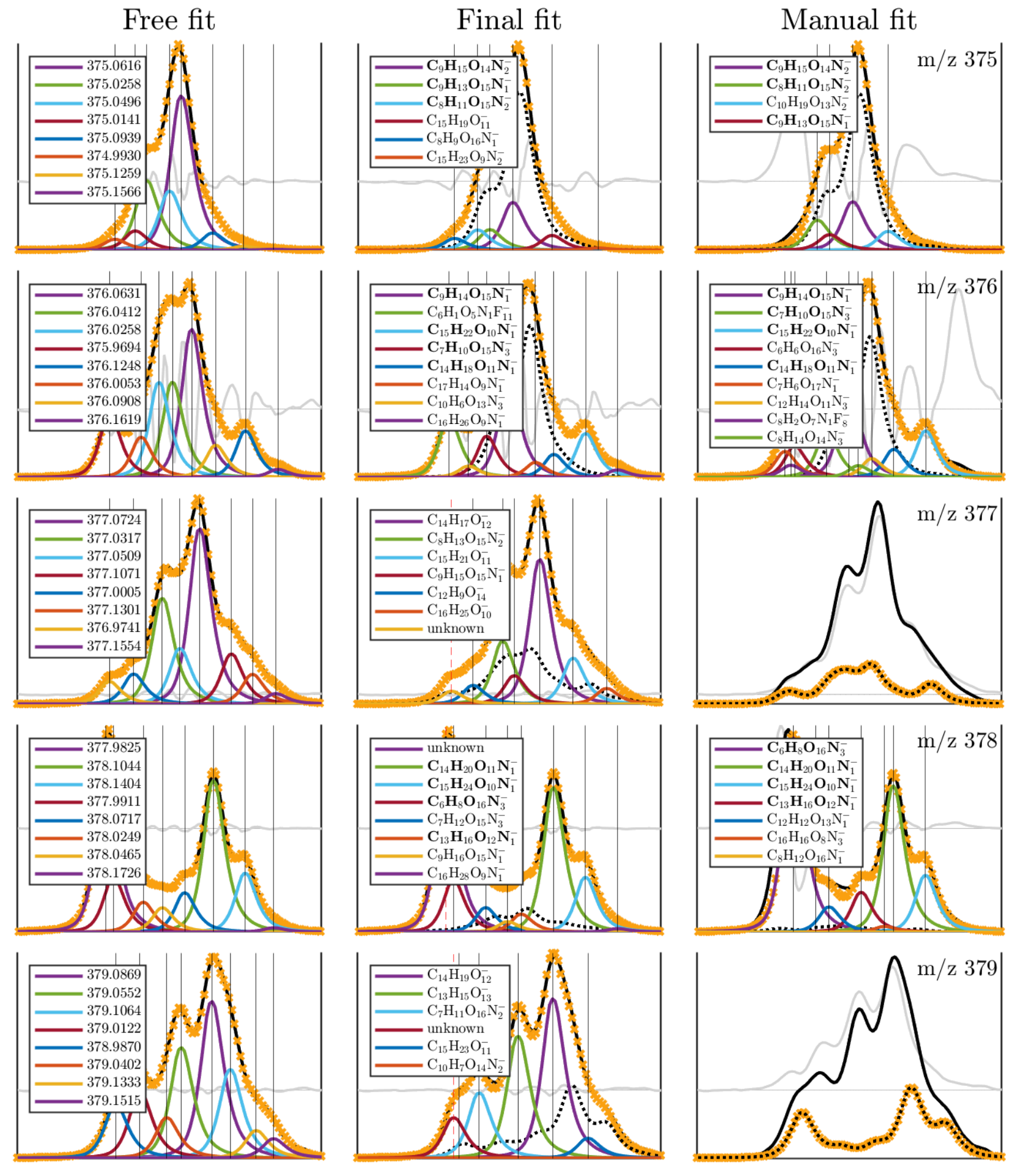

Free fit
Final fit
Manual fit
350.1093
350.0744
350.0404
349.9988
350.1509
349.9739
$C_{13}H_{20}O_{10}N_1^-$
$C_{12}H_{16}O_{11}N_1^-$
unknown
$C_6H_3O_8N_1F_7^-$
$C_{11}H_{12}O_{12}N_1^-$
$C_{10}H_8O_{13}N_1^-$
m/z 350
351.1129
351.0932
351.0537
351.0642
351.0241
351.0001
351.1489
350.9770
351.1789
$C_{12}H_{15}O_{12}^-$
$C_{13}H_{19}O_{11}^-$
$C_7H_{13}O_{15}N_1^-$
$C_{11}H_{11}O_{13}^-$
$C_{18}H_{23}O_7^-$
$C_5H_7O_{16}N_2^-$
$C_{14}H_{27}O_8N_2^-$
m/z 351
352.0872
352.0501
352.0611
352.0982
352.1196
352.0153
351.9941
351.9798
352.1469
351.9496
$C_{12}H_{18}O_{11}N_1^-$
$C_{11}H_{14}O_{12}N_1^-$
$C_{15}H_{14}O_9N_1^-$
$C_8H_6O_{13}N_3^-$
$C_{13}H_{22}O_{10}N_1^-$
$C_{10}H_{10}O_{13}N_1^-$
$C_4H_6O_{16}N_3^-$
unknown
$C_{10}H_{14}O_{11}N_3^-$
m/z 352
353.0520
353.0415
353.0751
353.0934
353.1207
352.9860
353.0115
353.1607
$C_{15}H_{13}O_{10}^-$
$C_{14}H_{11}O_{10}N_1^-$
$C_{15}H_{15}O_9N_1^-$
$C_{16}H_{17}O_9^-$
$C_9H_7O_{14}N_1^-$
$C_{12}H_{21}O_{10}N_2^-$
$C_9H_9O_{13}N_2^-$
$C_{18}H_{25}O_7^-$
m/z 353
354.0309
354.0664
354.0800
353.9671
354.0446
354.1052
353.9919
354.1401
$C_{10}H_{12}O_{13}N_1^-$
$C_{11}H_{16}O_{12}N_1^-$
$C_{10}H_{16}O_{11}N_3^-$
unknown
$C_{12}H_{20}O_{11}N_1^-$
$C_{14}H_{12}O_{10}N_1^-$
$C_9H_8O_{14}N_1^-$
$C_{13}H_{24}O_{10}N_1^-$
$C_6H_1O_6N_1F_9^-$
$C_{14}H_{12}O_{10}N_1^-$
$C_{12}H_{20}O_{11}N_1^-$
$C_{13}H_{12}O_9N_3^-$
m/z 354

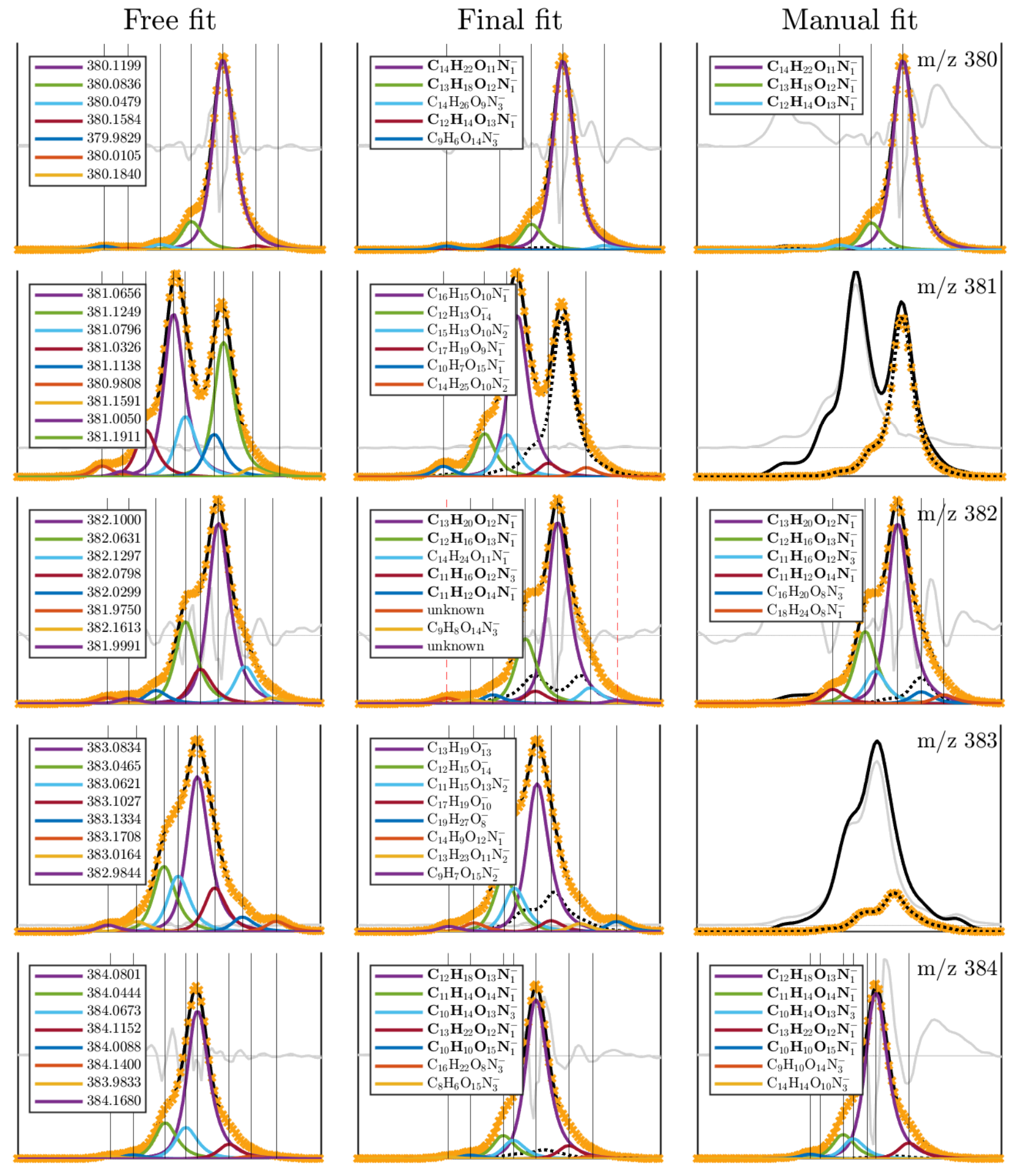

Free fit
Final fit
Manual fit
355.0659
355.0603
355.1024
355.0312
355.1252
C10H15O12N2−
C14H15O9N2−
C14H11O11−
C12H21O11N1−
C10H15O12N2−
C11H17O12N1−
C11H15O13−
C10H11O14−
m/z 355
356.0474
356.0688
356.0959
355.9804
C10H14O13N1−
C11H18O12N1−
C10H14O13N1−
C13H26O10N1−
m/z 356
357.0561
357.0440
357.0818
357.0056
357.1095
C10H15O13N1−
C9H13O13N2−
C10H17O12N2−
C8H9O14N2−
C12H21O12−
C10H15O13N1−
C9H13O13N2−
C10H17O12N2−
C8H9O14N2−
m/z 357
358.0642
357.9785
358.0555
358.0263
358.1077
C10H16O13N1−
C6H2O5N1F10−
C9H12O14N1−
C10H20O11N3−
C10H16O13N1−
C6H2O5N1F10−
C9H12O14N1−
C12H24O11N1−
m/z 358
359.0674
359.0572
359.0350
358.9817
359.0235
359.0993
359.1281
C9H15O13N2−
C9H13O14N1−
C8H11O14N2−
C11H19O13−
C15H19O10−
C7H7O15N2−
C16H23O9−
C9H15O13N2−
C9H13O14N1−
C10H19O12N2−
C8H11O14N2−
C7H7O15N2−
m/z 359

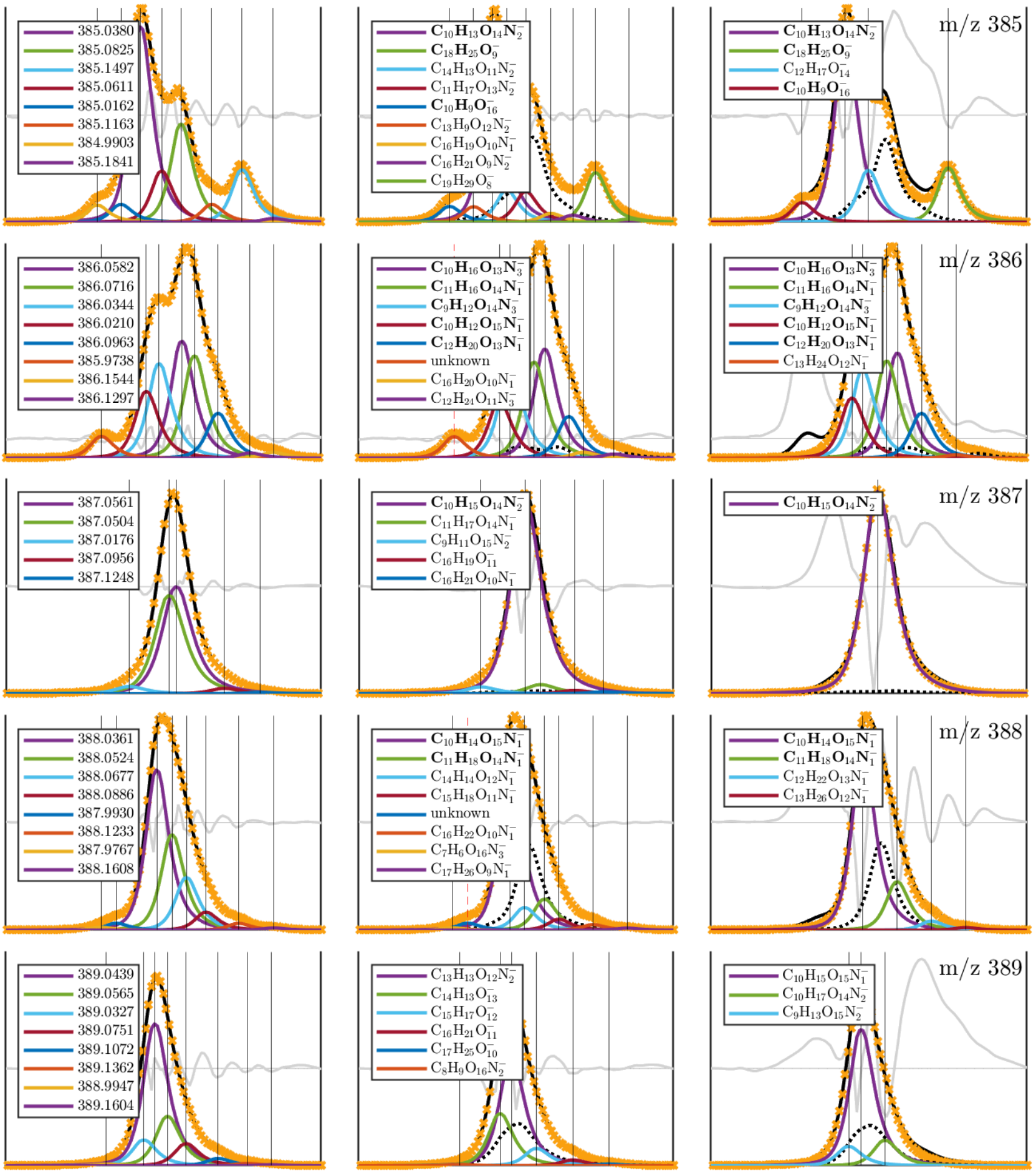

Free fit
Final fit
Manual fit
360.0429
360.0678
360.0215
360.0063
359.9836
360.0936
360.1288
$\mathbf{C_9H_{14}O_{14}N_1^-}$
$\mathbf{C_7H_{10}O_{14}N_3^-}$
$\mathbf{C_8H_{10}O_{15}N_1^-}$
$C_{10}H_6O_{12}N_3^-$
$\mathbf{C_6H_6O_{15}N_3^-}$
$C_9H_{18}O_{12}N_3^-$
$C_{12}H_{14}O_{10}N_3^-$
$C_{15}H_{22}O_9N_1^-$
m/z 360
$C_{10}H_{18}O_{13}N_1^-$
$C_{13}H_{14}O_{11}N_1^-$
361.0441
361.0328
361.0705
361.0068
360.9909
361.0843
361.1138
361.1434
$\mathbf{C_8H_{13}O_{14}N_2^-}$
$C_{14}H_{17}O_{11}^-$
$\mathbf{C_9H_{15}O_{14}N_1^-}$
$C_{12}H_9O_{13}^-$
$C_{11}H_7O_{13}N_1^-$
$C_{15}H_{21}O_{10}^-$
$C_{16}H_{25}O_9^-$
m/z 361
$C_7H_9O_{15}N_2^-$
$C_9H_{17}O_{13}N_2^-$
362.0364
362.0211
362.1095
362.0546
362.0753
361.9969
362.1464
361.9797
$\mathbf{C_{14}H_{20}O_{10}N_1^-}$
$\mathbf{C_7H_{12}O_{14}N_3^-}$
$\mathbf{C_8H_{12}O_{15}N_1^-}$
$C_{16}H_{12}O_9N_1^-$
$C_{13}H_{16}O_{11}N_1^-$
$\mathbf{C_7H_8O_{16}N_1^-}$
$C_{15}H_{24}O_9N_1^-$
$C_{11}H_8O_{13}N_1^-$
m/z 362
$C_9H_{16}O_{14}N_1^-$
$C_6H_8O_{15}N_3^-$
362.9681
362.9756
363.0573
363.0152
363.0331
363.0925
363.1136
363.1426
$C_7O_2F_{13}^-$
$C_{13}H_{15}O_{12}^-$
$C_{12}H_{11}O_{13}^-$
$C_{14}H_{19}O_{11}^-$
$C_7H_9O_{16}N_1^-$
$C_{15}H_{23}O_{10}^-$
m/z 363
364.0887
364.1250
363.9738
364.0558
364.0328
364.0065
364.1641
$\mathbf{C_{13}H_{18}O_{11}N_1^-}$
$\mathbf{C_{14}H_{22}O_{10}N_1^-}$
$C_{14}H_{10}O_9N_3^-$
$C_6H_{10}O_{15}N_3^-$
$C_{10}H_6O_{14}N_1^-$
$\mathbf{C_{12}H_{14}O_{12}N_1^-}$
$C_{15}H_{26}O_9N_1^-$
m/z 364
$C_5H_6O_{16}N_3^-$
$C_{11}H_{10}O_{13}N_1^-$
$C_{10}H_{10}O_{12}N_3^-$

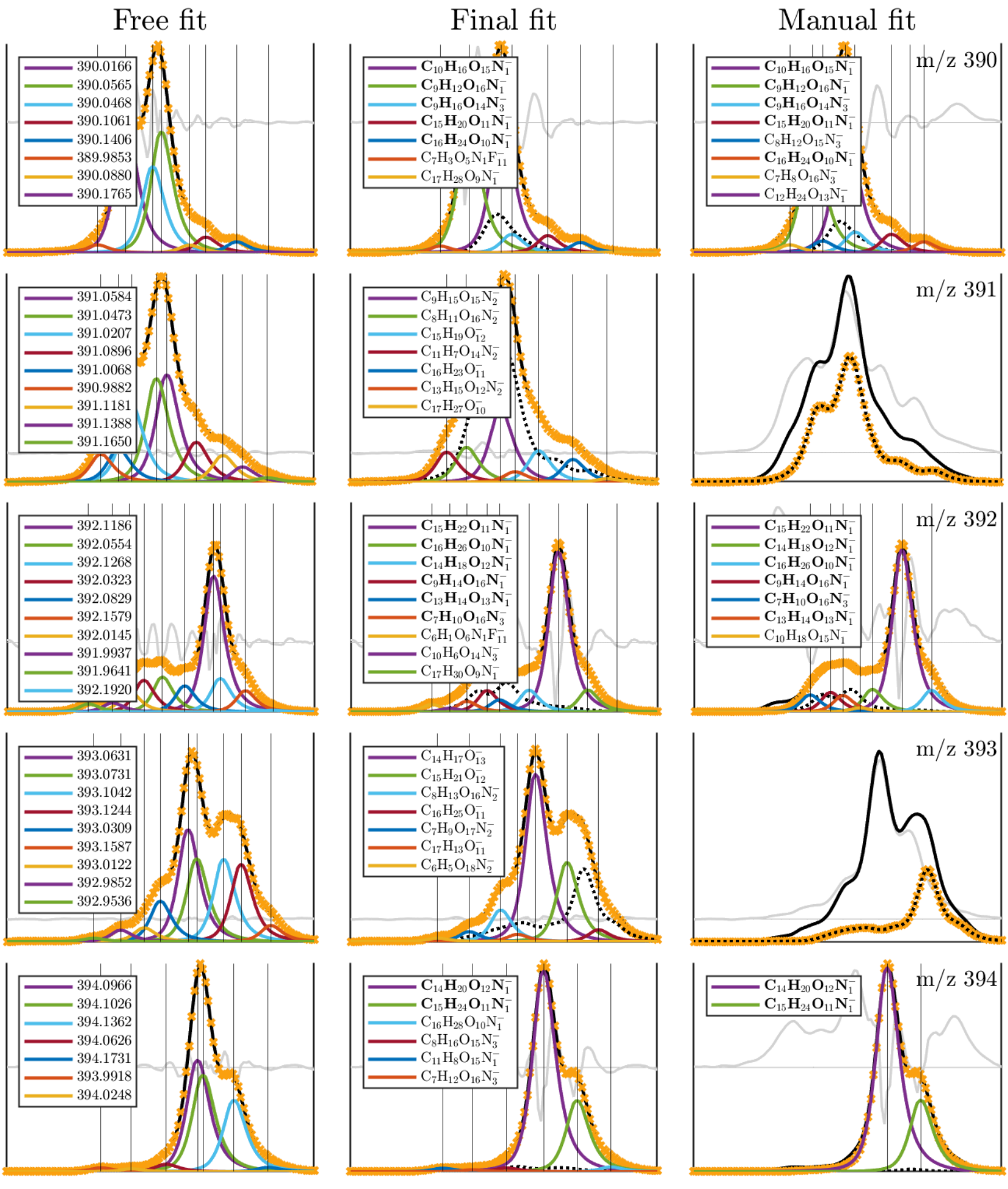

Free fit
Final fit
Manual fit
365.0705
365.0810
365.0360
365.1280
365.1011
365.0049
364.9821
365.1589
$C_{13}H_{17}O_{12}^-$
$C_{12}H_{13}O_{13}^-$
$C_{12}H_{17}O_{11}N_2^-$
$C_6H_9O_{16}N_2^-$
$C_{17}H_{19}O_8N_1^-$
$C_{15}H_{25}O_{10}^-$
m/z 365
366.1048
366.0677
366.0817
366.0341
366.1396
365.9914
365.9720
$C_{13}H_{20}O_{11}N_1^-$
$C_{12}H_{16}O_{12}N_1^-$
$C_5H_8O_{16}N_3^-$
$C_{16}H_{16}O_9N_1^-$
$C_{14}H_{24}O_{10}N_1^-$
$C_{11}H_{12}O_{13}N_1^-$
unknown
m/z 366
367.0869
367.0481
367.0623
367.0211
367.1065
366.9883
367.1365
367.1736
$C_{12}H_{15}O_{13}^-$
$C_{16}H_{17}O_9N_1^-$
$C_{16}H_{15}O_{10}^-$
$C_{10}H_{11}O_{13}N_2^-$
$C_{11}H_{11}O_{14}^-$
$C_9H_7O_{14}N_2^-$
$C_{17}H_{21}O_8N_1^-$
$C_{14}H_{27}O_9N_2^-$
$C_{10}H_7O_{15}^-$
m/z 367
368.0866
368.0795
368.0555
368.0446
368.1207
367.9837
368.0139
368.1560
$\mathbf{C_{12}H_{18}O_{12}N_1^-}$
$\mathbf{C_{11}H_{14}O_{13}N_1^-}$
$\mathbf{C_{13}H_{22}O_{11}N_1^-}$
$C_{15}H_{14}O_{10}N_1^-$
$\mathbf{C_8H_6O_{14}N_3^-}$
unknown
$C_{10}H_{10}O_{14}N_1^-$
unknown
$\mathbf{C_{12}H_{18}O_{12}N_1^-}$
$\mathbf{C_{11}H_{14}O_{13}N_1^-}$
$C_{10}H_{14}O_{12}N_3^-$
$\mathbf{C_{13}H_{22}O_{11}N_1^-}$
$\mathbf{C_8H_6O_{14}N_3^-}$
$C_9H_{10}O_{13}N_3^-$
m/z 368
369.0452
369.0692
369.0883
369.0321
369.1545
369.1205
368.9937
$C_{15}H_{13}O_{11}^-$
$C_{15}H_{15}O_{10}N_1^-$
$C_{14}H_{11}O_{11}N_1^-$
$C_{18}H_{25}O_8^-$
$C_{16}H_{19}O_9N_1^-$
$C_{10}H_9O_{15}^-$
$C_{16}H_{21}O_8N_2^-$
m/z 369

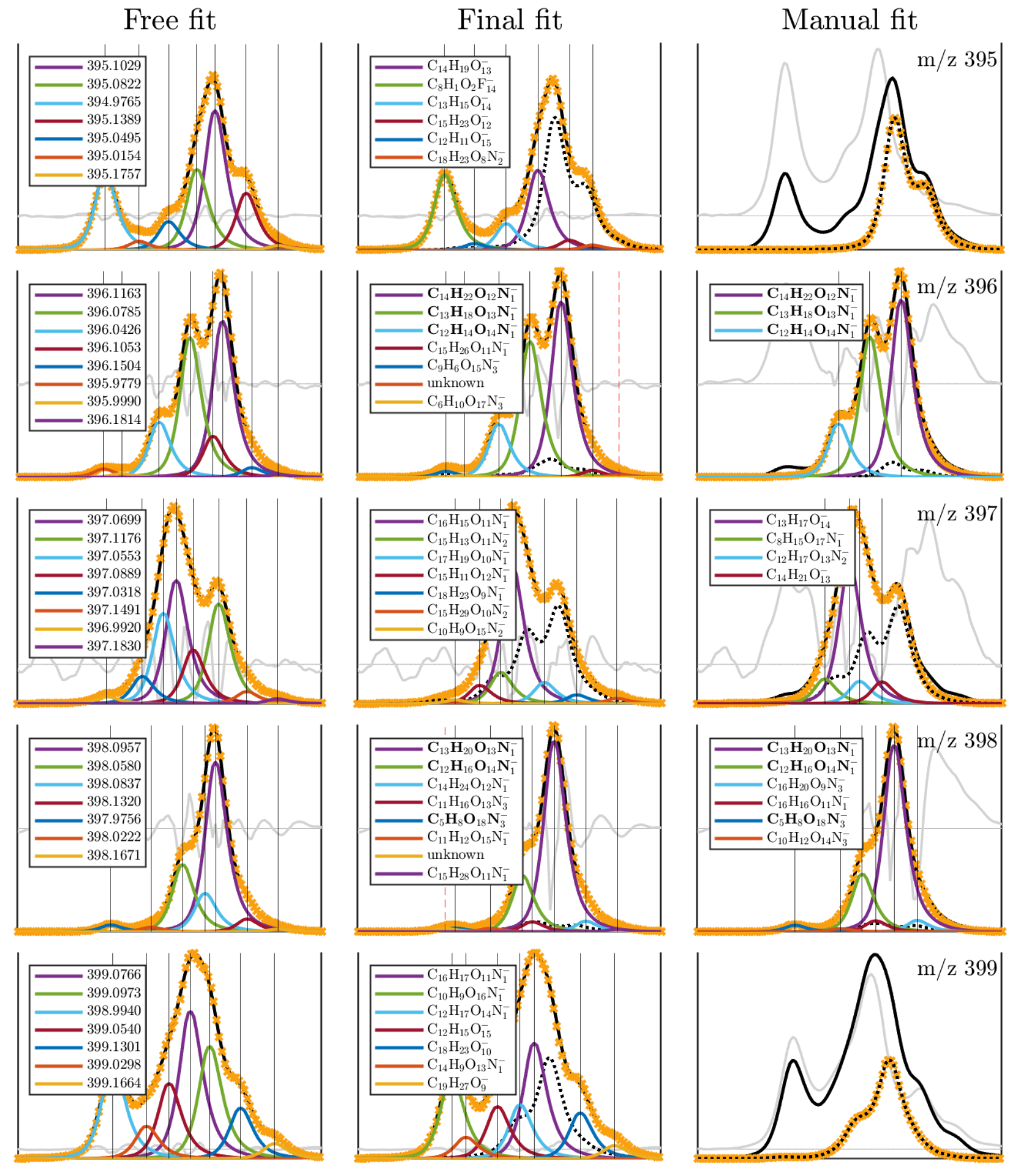

Free fit
Final fit
Manual fit
m/z 370
370.0757
370.0626
370.0258
370.0437
370.1008
369.9745
369.9866
370.1281
370.1547
$C_{15}H_{16}O_{10}N_1^-$
$\mathbf{C_{11}H_{16}O_{13}N_1^-}$
$\mathbf{C_{10}H_{12}O_{14}N_1^-}$
$C_{14}H_{12}O_{11}N_1^-$
unknown
unknown
$C_9H_8O_{15}N_1^-$
$\mathbf{C_{13}H_{24}O_{11}N_1^-}$
$C_{10}H_{16}O_{12}N_3^-$
$\mathbf{C_{10}H_{12}O_{14}N_1^-}$
$C_{10}H_{14}O_{13}N_2^-$
$\mathbf{C_{11}H_{16}O_{13}N_1^-}$
$C_{12}H_{20}O_{12}N_1^-$
$\mathbf{C_{13}H_{24}O_{11}N_1^-}$
m/z 371
371.0547
371.0619
371.0256
371.0963
370.9778
371.1241
371.1672
$\mathbf{C_{10}H_{15}O_{13}N_2^-}$
$C_{15}H_{15}O_{11}^-$
$C_{14}H_{13}O_{11}N_1^-$
$C_{14}H_{11}O_{12}^-$
$C_{16}H_{19}O_{10}^-$
$C_8H_2O_4F_{11}^-$
$C_{16}H_{21}O_9N_1^-$
$C_{18}H_{27}O_8^-$
$\mathbf{C_{10}H_{15}O_{13}N_2^-}$
$C_{11}H_{15}O_{14}^-$
m/z 372
372.0424
372.0828
$\mathbf{C_{10}H_{14}O_{14}N_1^-}$
$C_{10}H_{18}O_{12}N_3^-$
$\mathbf{C_{10}H_{14}O_{14}N_1^-}$
$C_{13}H_{26}O_{11}N_1^-$
m/z 373
373.0419
373.0518
373.0780
373.1096
372.9976
373.1468
$C_{13}H_{13}O_{11}N_2^-$
$C_{14}H_{13}O_{12}^-$
$\mathbf{C_9H_{13}O_{14}N_2^-}$
$C_{15}H_{17}O_{11}^-$
$C_{16}H_{21}O_{10}^-$
$C_8H_9O_{15}N_2^-$
$C_{17}H_{25}O_9^-$
$C_{10}H_{15}O_{14}N_1^-$
$\mathbf{C_9H_{13}O_{14}N_2^-}$
$C_{10}H_{17}O_{13}N_2^-$
m/z 374
374.0593
374.0215
374.0504
374.0991
374.1239
373.9757
$\mathbf{C_{10}H_{16}O_{14}N_1^-}$
$\mathbf{C_9H_{12}O_{15}N_1^-}$
$C_9H_{16}O_{13}N_3^-$
$C_{15}H_{20}O_{10}N_1^-$
$\mathbf{C_{10}H_{16}O_{14}N_1^-}$
$\mathbf{C_9H_{12}O_{15}N_1^-}$
$C_{12}H_{24}O_{12}N_1^-$

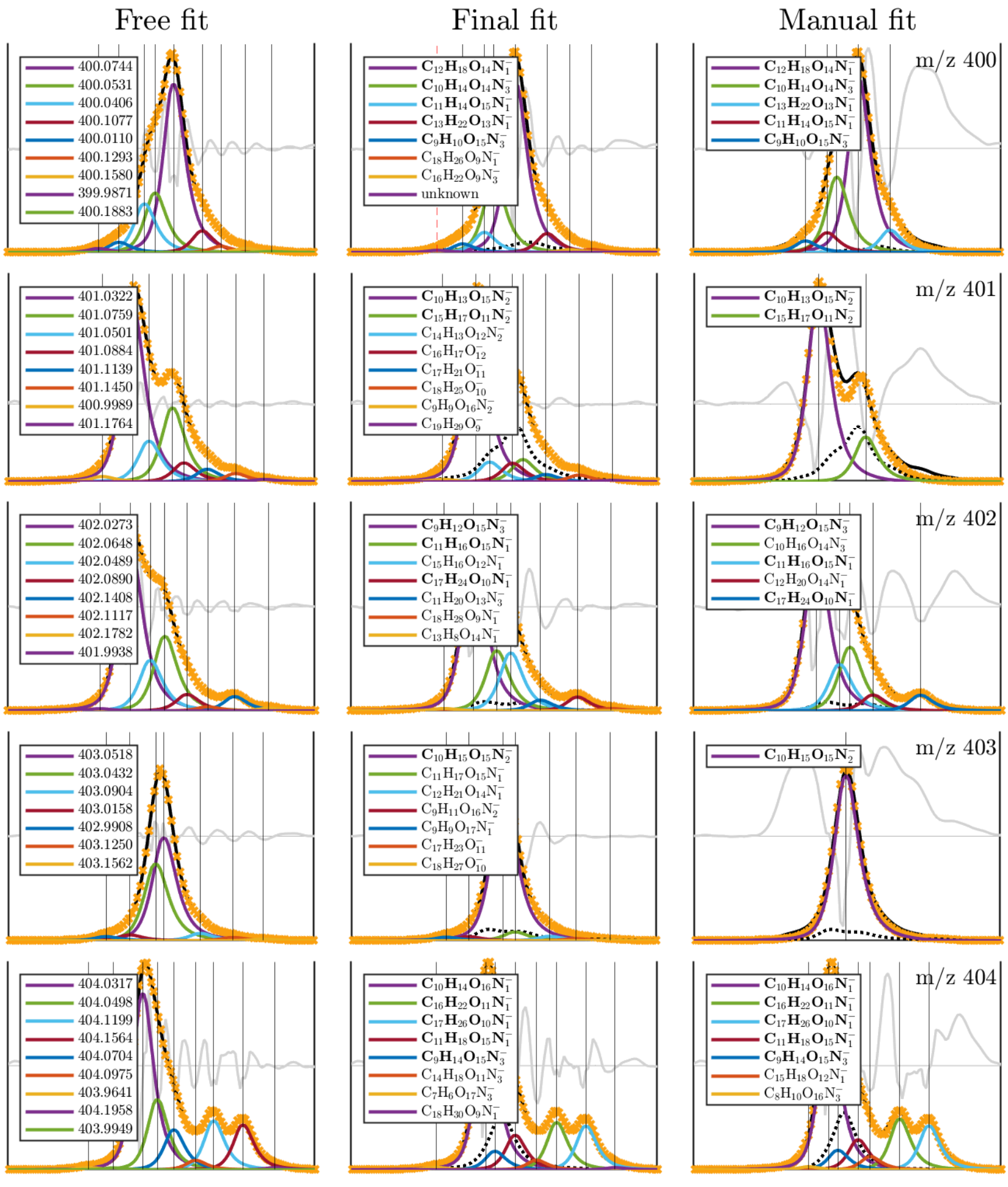

Free fit
Final fit
Manual fit
375.0616
375.0258
375.0496
375.0141
375.0939
374.9930
375.1259
375.1566
$\mathbf{C_9H_{15}O_{14}N_2^-}$
$\mathbf{C_9H_{13}O_{15}N_1^-}$
$\mathbf{C_8H_{11}O_{15}N_2^-}$
$C_{15}H_{19}O_{11}^-$
$C_8H_9O_{16}N_1^-$
$C_{15}H_{23}O_9N_2^-$
$\mathbf{C_9H_{15}O_{14}N_2^-}$
$\mathbf{C_8H_{11}O_{15}N_2^-}$
$C_{10}H_{19}O_{13}N_2^-$
$\mathbf{C_9H_{13}O_{15}N_1^-}$
m/z 375
376.0631
376.0412
376.0258
375.9694
376.1248
376.0053
376.0908
376.1619
$\mathbf{C_9H_{14}O_{15}N_1^-}$
$C_6H_1O_5N_1F_{11}^-$
$\mathbf{C_{15}H_{22}O_{10}N_1^-}$
$\mathbf{C_7H_{10}O_{15}N_3^-}$
$\mathbf{C_{14}H_{18}O_{11}N_1^-}$
$C_{17}H_{14}O_9N_1^-$
$C_{10}H_6O_{13}N_3^-$
$C_{16}H_{26}O_9N_1^-$
$\mathbf{C_9H_{14}O_{15}N_1^-}$
$\mathbf{C_7H_{10}O_{15}N_3^-}$
$\mathbf{C_{15}H_{22}O_{10}N_1^-}$
$C_6H_6O_{16}N_3^-$
$\mathbf{C_{14}H_{18}O_{11}N_1^-}$
$C_7H_6O_{17}N_1^-$
$C_{12}H_{14}O_{11}N_3^-$
$C_8H_2O_7N_1F_8^-$
$C_8H_{14}O_{14}N_3^-$
m/z 376
377.0724
377.0317
377.0509
377.1071
377.0005
377.1301
376.9741
377.1554
$C_{14}H_{17}O_{12}^-$
$C_8H_{13}O_{15}N_2^-$
$C_{15}H_{21}O_{11}^-$
$C_9H_{15}O_{15}N_1^-$
$C_{12}H_9O_{14}^-$
$C_{16}H_{25}O_{10}^-$
unknown
m/z 377
377.9825
378.1044
378.1404
377.9911
378.0717
378.0249
378.0465
378.1726
unknown
$\mathbf{C_{14}H_{20}O_{11}N_1^-}$
$\mathbf{C_{15}H_{24}O_{10}N_1^-}$
$\mathbf{C_6H_8O_{16}N_3^-}$
$C_7H_{12}O_{15}N_3^-$
$\mathbf{C_{13}H_{16}O_{12}N_1^-}$
$C_9H_{16}O_{15}N_1^-$
$C_{16}H_{28}O_9N_1^-$
$\mathbf{C_6H_8O_{16}N_3^-}$
$\mathbf{C_{14}H_{20}O_{11}N_1^-}$
$\mathbf{C_{15}H_{24}O_{10}N_1^-}$
$\mathbf{C_{13}H_{16}O_{12}N_1^-}$
$C_{12}H_{12}O_{13}N_1^-$
$C_{16}H_{16}O_8N_3^-$
$C_8H_{12}O_{16}N_1^-$
m/z 378
379.0869
379.0552
379.1064
379.0122
378.9870
379.0402
379.1333
379.1515
$C_{14}H_{19}O_{12}^-$
$C_{13}H_{15}O_{13}^-$
$C_7H_{11}O_{16}N_2^-$
unknown
$C_{15}H_{23}O_{11}^-$
$C_{10}H_7O_{14}N_2^-$
m/z 379

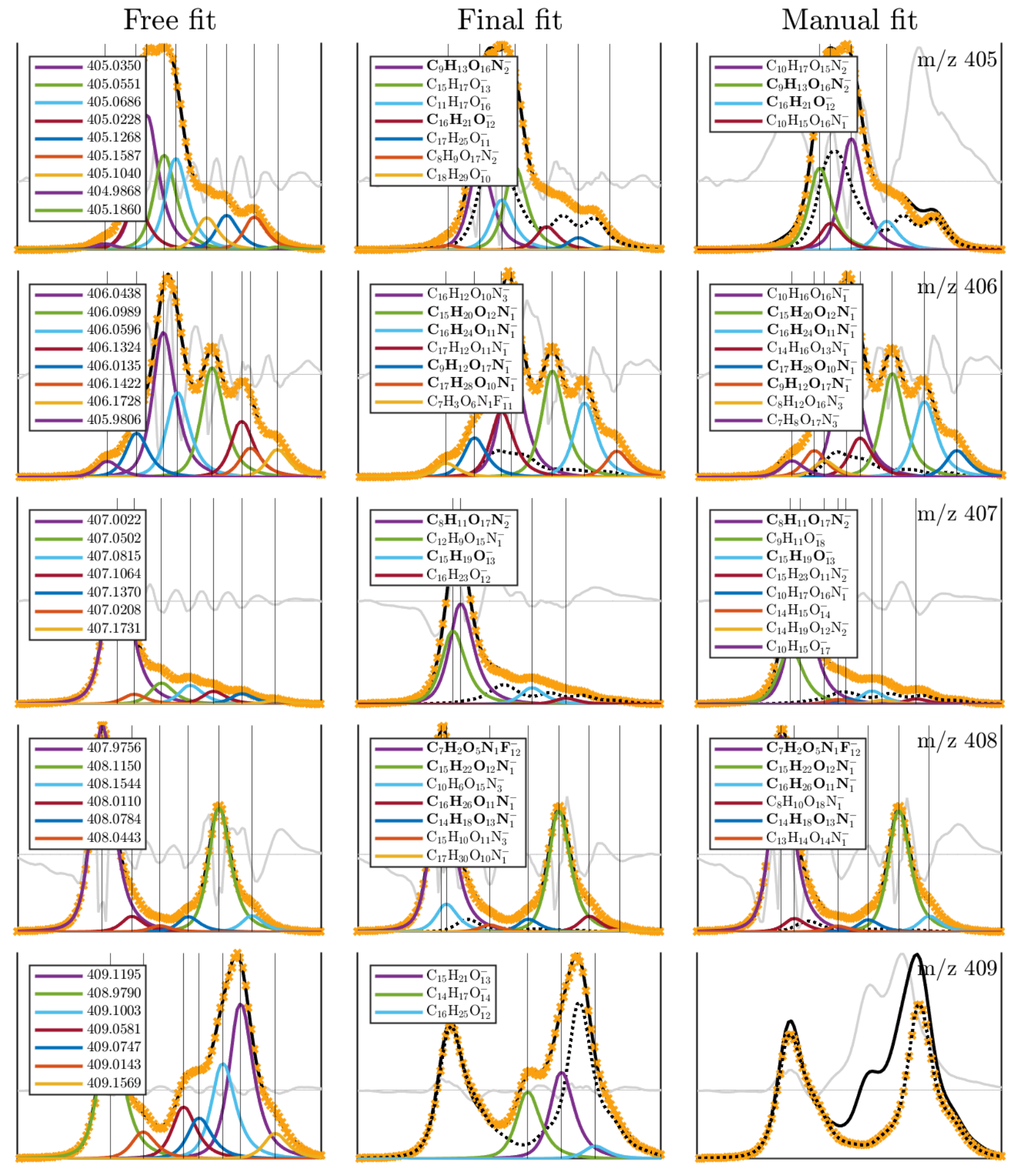

Free fit
Final fit
Manual fit
m/z 380
m/z 381
m/z 382
m/z 383
m/z 384
380.1199
380.0836
380.0479
380.1584
379.9829
380.0105
380.1840
C14H22O11N1-
C13H18O12N1-
C14H26O9N3-
C12H14O13N1-
C9H6O14N3-
C12H14O13N1-
381.0656
381.1249
381.0796
381.0326
381.1138
380.9808
381.1591
381.0050
381.1911
C16H15O10N1-
C12H13O14-
C15H13O10N2-
C17H19O9N1-
C10H7O15N1-
C14H25O10N2-
382.1000
382.0631
382.1297
382.0798
382.0299
381.9750
382.1613
381.9991
C13H20O12N1-
C12H16O13N1-
C14H24O11N1-
C11H16O12N3-
C11H12O14N1-
unknown
C9H8O14N3-
unknown
C16H20O8N3-
C18H24O8N1-
383.0834
383.0465
383.0621
383.1027
383.1334
383.1708
383.0164
382.9844
C13H19O13-
C12H15O14-
C11H15O13N2-
C17H19O10-
C19H27O8-
C14H9O12N1-
C13H23O11N2-
C9H7O15N2-
384.0801
384.0444
384.0673
384.1152
384.0088
384.1400
383.9833
384.1680
C12H18O13N1-
C11H14O14N1-
C10H14O13N3-
C13H22O12N1-
C10H10O15N1-
C16H22O8N3-
C8H6O15N3-
C9H10O14N3-
C14H14O10N3-

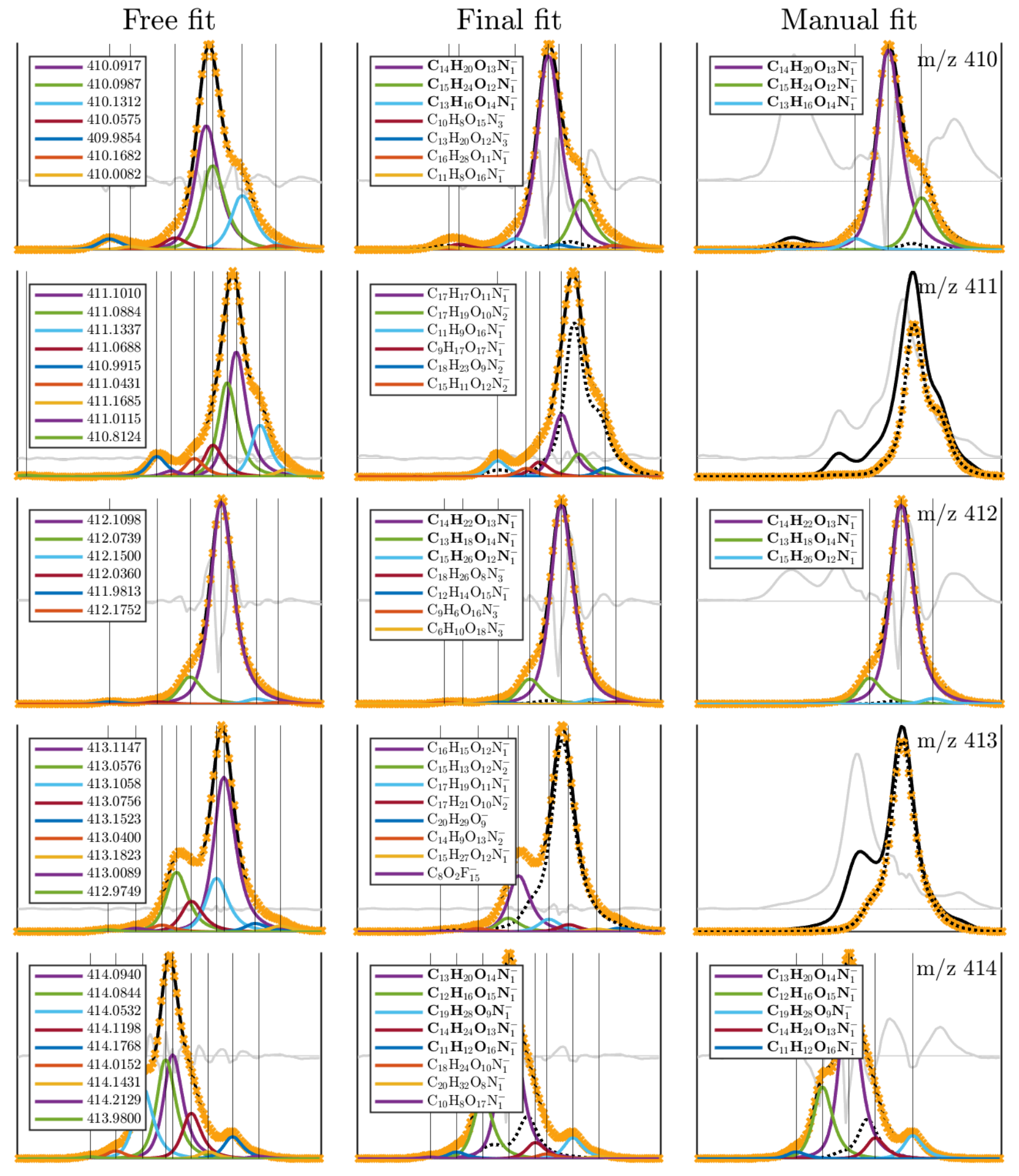

Free fit
Final fit
Manual fit
385.0380
385.0825
385.1497
385.0611
385.0162
385.1163
384.9903
385.1841
$\mathbf{C_{10}H_{13}O_{14}N_2^-}$
$\mathbf{C_{18}H_{25}O_9^-}$
$C_{14}H_{13}O_{11}N_2^-$
$C_{11}H_{17}O_{13}N_2^-$
$\mathbf{C_{10}H_9O_{16}^-}$
$C_{13}H_9O_{12}N_2^-$
$C_{16}H_{19}O_{10}N_1^-$
$C_{16}H_{21}O_9N_2^-$
$C_{19}H_{29}O_8^-$
$C_{12}H_{17}O_{14}^-$
m/z 385
386.0582
386.0716
386.0344
386.0210
386.0963
385.9738
386.1544
386.1297
$\mathbf{C_{10}H_{16}O_{13}N_3^-}$
$\mathbf{C_{11}H_{16}O_{14}N_1^-}$
$\mathbf{C_9H_{12}O_{14}N_3^-}$
$\mathbf{C_{10}H_{12}O_{15}N_1^-}$
$\mathbf{C_{12}H_{20}O_{13}N_1^-}$
unknown
$C_{16}H_{20}O_{10}N_1^-$
$C_{12}H_{21}O_{11}N_3^-$
$C_{13}H_{24}O_{12}N_1^-$
m/z 386
387.0561
387.0504
387.0176
387.0956
387.1248
$\mathbf{C_{10}H_{15}O_{14}N_2^-}$
$C_{11}H_{17}O_{14}N_1^-$
$C_9H_{11}O_{15}N_2^-$
$C_{16}H_{19}O_{11}^-$
$C_{16}H_{21}O_{10}N_1^-$
m/z 387
388.0361
388.0524
388.0677
388.0886
387.9930
388.1233
387.9767
388.1608
$\mathbf{C_{10}H_{14}O_{15}N_1^-}$
$\mathbf{C_{11}H_{18}O_{14}N_1^-}$
$C_{14}H_{14}O_{12}N_1^-$
$C_{15}H_{18}O_{11}N_1^-$
unknown
$C_{16}H_{22}O_{10}N_1^-$
$C_7H_6O_{16}N_3^-$
$C_{17}H_{26}O_9N_1^-$
$C_{12}H_{22}O_{13}N_1^-$
$C_{13}H_{26}O_{12}N_1^-$
m/z 388
389.0439
389.0565
389.0327
389.0751
389.1072
389.1362
388.9947
389.1604
$C_{13}H_{13}O_{12}N_2^-$
$C_{14}H_{13}O_{13}^-$
$C_{15}H_{17}O_{12}^-$
$C_{16}H_{21}O_{11}^-$
$C_{17}H_{25}O_{10}^-$
$C_8H_9O_{16}N_2^-$
$C_{10}H_{15}O_{15}N_1^-$
$C_{10}H_{17}O_{14}N_2^-$
$C_9H_{13}O_{15}N_2^-$
m/z 389

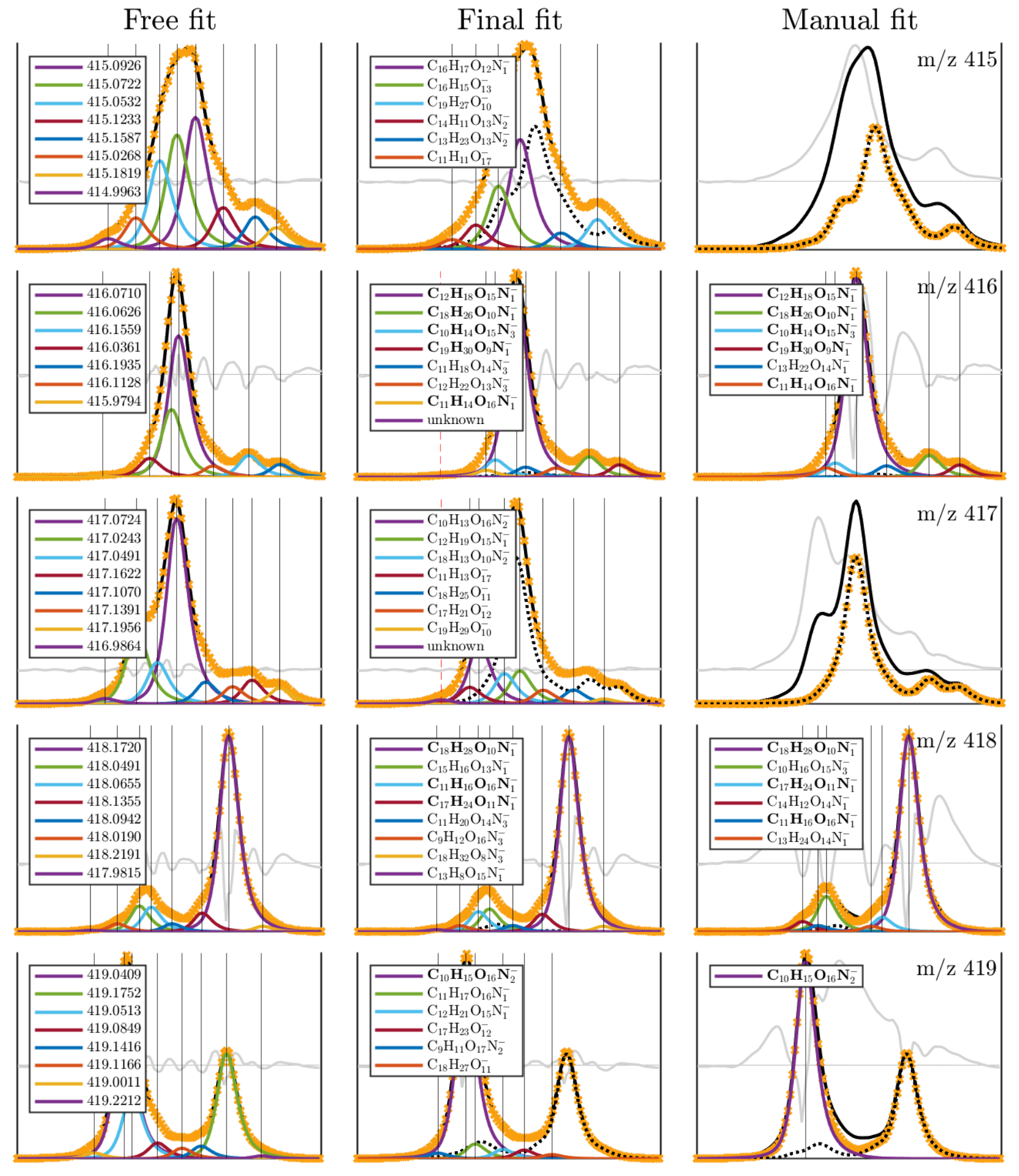

Free fit
Final fit
Manual fit
390.0166
390.0565
390.0468
390.1061
390.1406
389.9853
390.0880
390.1765
$\mathbf{C_{10}H_{16}O_{15}N_1^-}$
$\mathbf{C_9H_{12}O_{16}N_1^-}$
$\mathbf{C_9H_{16}O_{14}N_3^-}$
$\mathbf{C_{15}H_{20}O_{11}N_1^-}$
$\mathbf{C_{16}H_{24}O_{10}N_1^-}$
$C_7H_3O_5N_1F_{11}^-$
$C_{17}H_{28}O_9N_1^-$
$\mathbf{C_{10}H_{16}O_{15}N_1^-}$
$\mathbf{C_9H_{12}O_{16}N_1^-}$
$\mathbf{C_9H_{16}O_{14}N_3^-}$
$\mathbf{C_{15}H_{20}O_{11}N_1^-}$
$C_8H_{12}O_{15}N_3^-$
$\mathbf{C_{16}H_{24}O_{10}N_1^-}$
$C_7H_8O_{16}N_3^-$
$C_{12}H_{24}O_{13}N_1^-$
m/z 390
391.0584
391.0473
391.0207
391.0896
391.0068
390.9882
391.1181
391.1388
391.1650
$C_9H_{15}O_{15}N_2^-$
$C_8H_{11}O_{16}N_2^-$
$C_{15}H_{19}O_{12}^-$
$C_{11}H_7O_{14}N_2^-$
$C_{16}H_{23}O_{11}^-$
$C_{13}H_{15}O_{12}N_2^-$
$C_{17}H_{27}O_{10}^-$
m/z 391
392.1186
392.0554
392.1268
392.0323
392.0829
392.1579
392.0145
391.9937
391.9641
392.1920
$\mathbf{C_{15}H_{22}O_{11}N_1^-}$
$\mathbf{C_{16}H_{26}O_{10}N_1^-}$
$\mathbf{C_{14}H_{18}O_{12}N_1^-}$
$\mathbf{C_9H_{14}O_{16}N_1^-}$
$\mathbf{C_{13}H_{14}O_{13}N_1^-}$
$\mathbf{C_7H_{10}O_{16}N_3^-}$
$C_6H_1O_6N_1F_{11}^-$
$C_{10}H_6O_{14}N_3^-$
$C_{17}H_{30}O_9N_1^-$
$\mathbf{C_{15}H_{22}O_{11}N_1^-}$
$\mathbf{C_{14}H_{18}O_{12}N_1^-}$
$\mathbf{C_{16}H_{26}O_{10}N_1^-}$
$\mathbf{C_9H_{14}O_{16}N_1^-}$
$\mathbf{C_7H_{10}O_{16}N_3^-}$
$\mathbf{C_{13}H_{14}O_{13}N_1^-}$
$C_{10}H_{18}O_{15}N_1^-$
m/z 392
393.0631
393.0731
393.1042
393.1244
393.0309
393.1587
393.0122
392.9852
392.9536
$C_{14}H_{17}O_{13}^-$
$C_{15}H_{21}O_{12}^-$
$C_8H_{13}O_{16}N_2^-$
$C_{16}H_{25}O_{11}^-$
$C_7H_9O_{17}N_2^-$
$C_{17}H_{13}O_{11}^-$
$C_6H_5O_{18}N_2^-$
m/z 393
394.0966
394.1026
394.1362
394.0626
394.1731
393.9918
394.0248
$\mathbf{C_{14}H_{20}O_{12}N_1^-}$
$\mathbf{C_{15}H_{24}O_{11}N_1^-}$
$C_{16}H_{28}O_{10}N_1^-$
$C_8H_{16}O_{15}N_3^-$
$C_{11}H_8O_{15}N_1^-$
$C_7H_{12}O_{16}N_3^-$
$\mathbf{C_{14}H_{20}O_{12}N_1^-}$
$\mathbf{C_{15}H_{24}O_{11}N_1^-}$
m/z 394

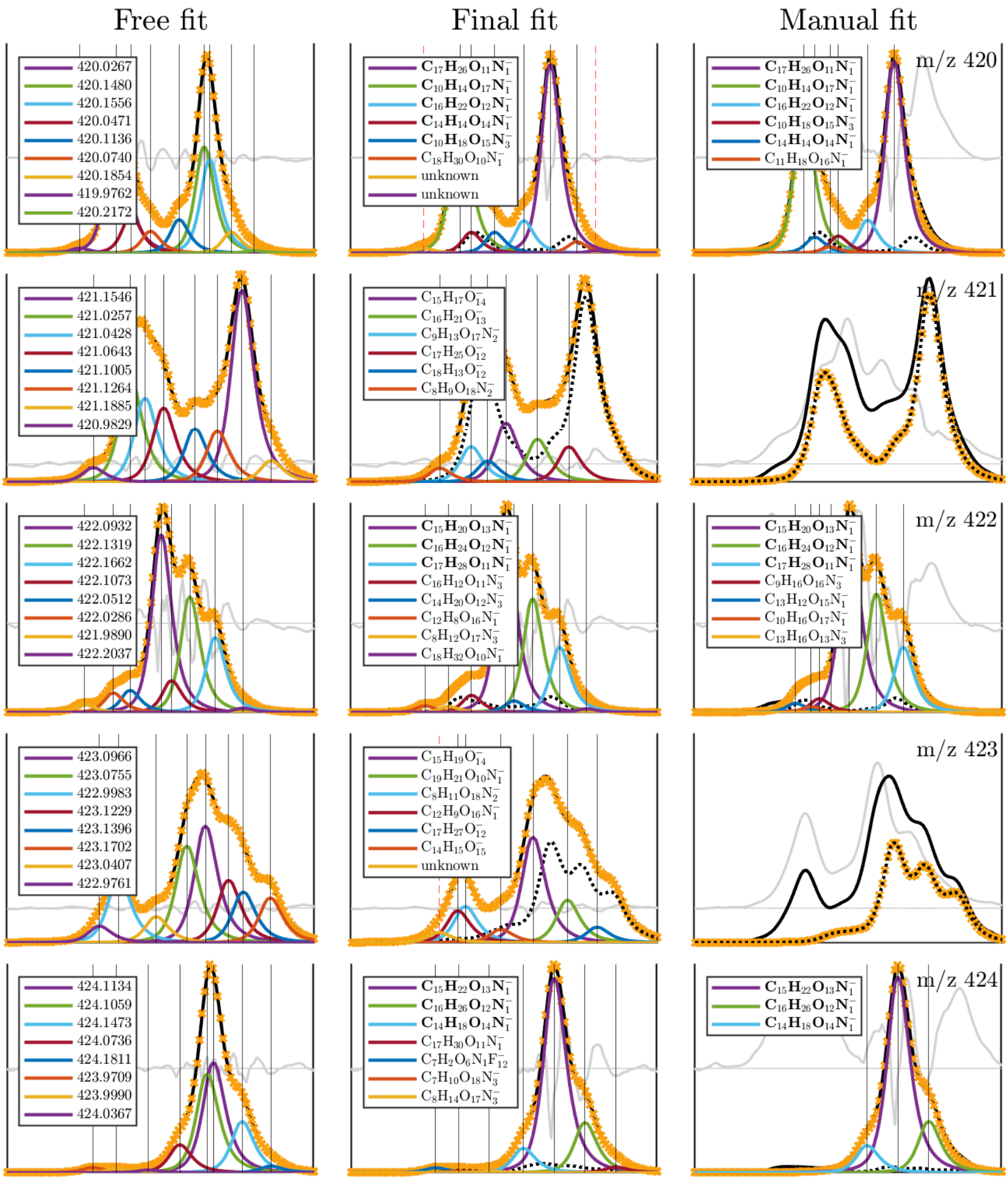

Free fit
Final fit
Manual fit
395.1029
395.0822
394.9765
395.1389
395.0495
395.0154
395.1757
$C_{14}H_{19}O_{13}^-$
$C_8H_1O_2F_{14}^-$
$C_{13}H_{15}O_{14}^-$
$C_{15}H_{23}O_{12}^-$
$C_{12}H_{11}O_{15}^-$
$C_{18}H_{23}O_8N_2^-$
m/z 395
396.1163
396.0785
396.0426
396.1053
396.1504
395.9779
395.9990
396.1814
$\mathbf{C_{14}H_{22}O_{12}N_1^-}$
$\mathbf{C_{13}H_{18}O_{13}N_1^-}$
$\mathbf{C_{12}H_{14}O_{14}N_1^-}$
$C_{15}H_{26}O_{11}N_1^-$
$C_9H_6O_{15}N_3^-$
unknown
$C_6H_{10}O_{17}N_3^-$
m/z 396
397.0699
397.1176
397.0553
397.0889
397.0318
397.1491
396.9920
397.1830
$C_{16}H_{15}O_{11}N_1^-$
$C_{15}H_{13}O_{11}N_2^-$
$C_{17}H_{19}O_{10}N_1^-$
$C_{15}H_{11}O_{12}N_1^-$
$C_{18}H_{23}O_9N_1^-$
$C_{15}H_{29}O_{10}N_2^-$
$C_{10}H_9O_{15}N_2^-$
$C_{13}H_{17}O_{14}^-$
$C_8H_{15}O_{17}N_1^-$
$C_{12}H_{17}O_{13}N_2^-$
$C_{14}H_{21}O_{13}^-$
m/z 397
398.0957
398.0580
398.0837
398.1320
397.9756
398.0222
398.1671
$\mathbf{C_{13}H_{20}O_{13}N_1^-}$
$\mathbf{C_{12}H_{16}O_{14}N_1^-}$
$C_{14}H_{24}O_{12}N_1^-$
$C_{11}H_{16}O_{13}N_3^-$
$\mathbf{C_5H_8O_{18}N_3^-}$
$C_{11}H_{12}O_{15}N_1^-$
unknown
$C_{15}H_{28}O_{11}N_1^-$
m/z 398
399.0766
399.0973
398.9940
399.0540
399.1301
399.0298
399.1664
$C_{16}H_{17}O_{11}N_1^-$
$C_{10}H_9O_{16}N_1^-$
$C_{12}H_{17}O_{14}N_1^-$
$C_{12}H_{15}O_{15}^-$
$C_{18}H_{23}O_{10}^-$
$C_{14}H_9O_{13}N_1^-$
$C_{19}H_{27}O_9^-$
m/z 399

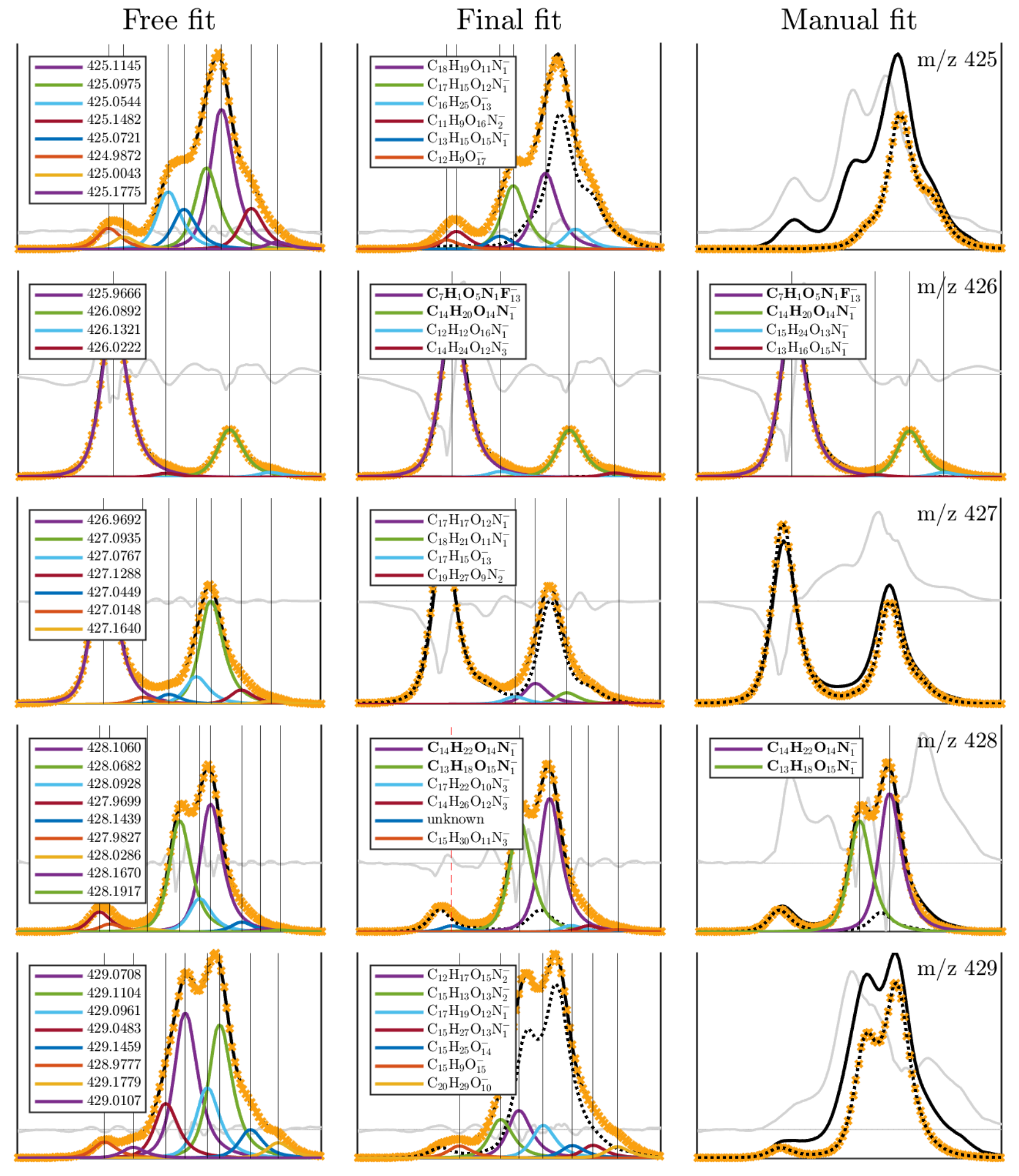

Free fit
Final fit
Manual fit
400.0744
400.0531
400.0406
400.1077
400.0110
400.1293
400.1580
399.9871
400.1883
$C_{12}H_{18}O_{14}N_1^-$
$C_{10}H_{14}O_{14}N_3^-$
$C_{11}H_{14}O_{15}N_1^-$
$C_{13}H_{22}O_{13}N_1^-$
$C_9H_{10}O_{15}N_3^-$
$C_{18}H_{26}O_9N_1^-$
$C_{16}H_{22}O_9N_3^-$
unknown
m/z 400
401.0322
401.0759
401.0501
401.0884
401.1139
401.1450
400.9989
401.1764
$C_{10}H_{13}O_{15}N_2^-$
$C_{15}H_{17}O_{11}N_2^-$
$C_{14}H_{13}O_{12}N_2^-$
$C_{16}H_{17}O_{12}^-$
$C_{17}H_{21}O_{11}^-$
$C_{18}H_{25}O_{10}^-$
$C_9H_9O_{16}N_2^-$
$C_{19}H_{29}O_9^-$
m/z 401
402.0273
402.0648
402.0489
402.0890
402.1408
402.1117
402.1782
401.9938
$C_9H_{12}O_{15}N_3^-$
$C_{11}H_{16}O_{15}N_1^-$
$C_{15}H_{16}O_{12}N_1^-$
$C_{17}H_{24}O_{10}N_1^-$
$C_{11}H_{20}O_{13}N_3^-$
$C_{18}H_{28}O_9N_1^-$
$C_{13}H_8O_{14}N_1^-$
$C_{10}H_{16}O_{14}N_3^-$
$C_{12}H_{20}O_{14}N_1^-$
m/z 402
403.0518
403.0432
403.0904
403.0158
402.9908
403.1250
403.1562
$C_{10}H_{15}O_{15}N_2^-$
$C_{11}H_{17}O_{15}N_1^-$
$C_{12}H_{21}O_{14}N_1^-$
$C_9H_{11}O_{16}N_2^-$
$C_9H_9O_{17}N_1^-$
$C_{17}H_{23}O_{11}^-$
$C_{18}H_{27}O_{10}^-$
m/z 403
404.0317
404.0498
404.1199
404.1564
404.0704
404.0975
403.9641
404.1958
403.9949
$C_{10}H_{14}O_{16}N_1^-$
$C_{16}H_{22}O_{11}N_1^-$
$C_{17}H_{26}O_{10}N_1^-$
$C_{11}H_{18}O_{15}N_1^-$
$C_9H_{14}O_{15}N_3^-$
$C_{14}H_{18}O_{11}N_3^-$
$C_7H_6O_{17}N_3^-$
$C_{18}H_{30}O_9N_1^-$
$C_{15}H_{18}O_{12}N_1^-$
$C_8H_{10}O_{16}N_3^-$
m/z 404

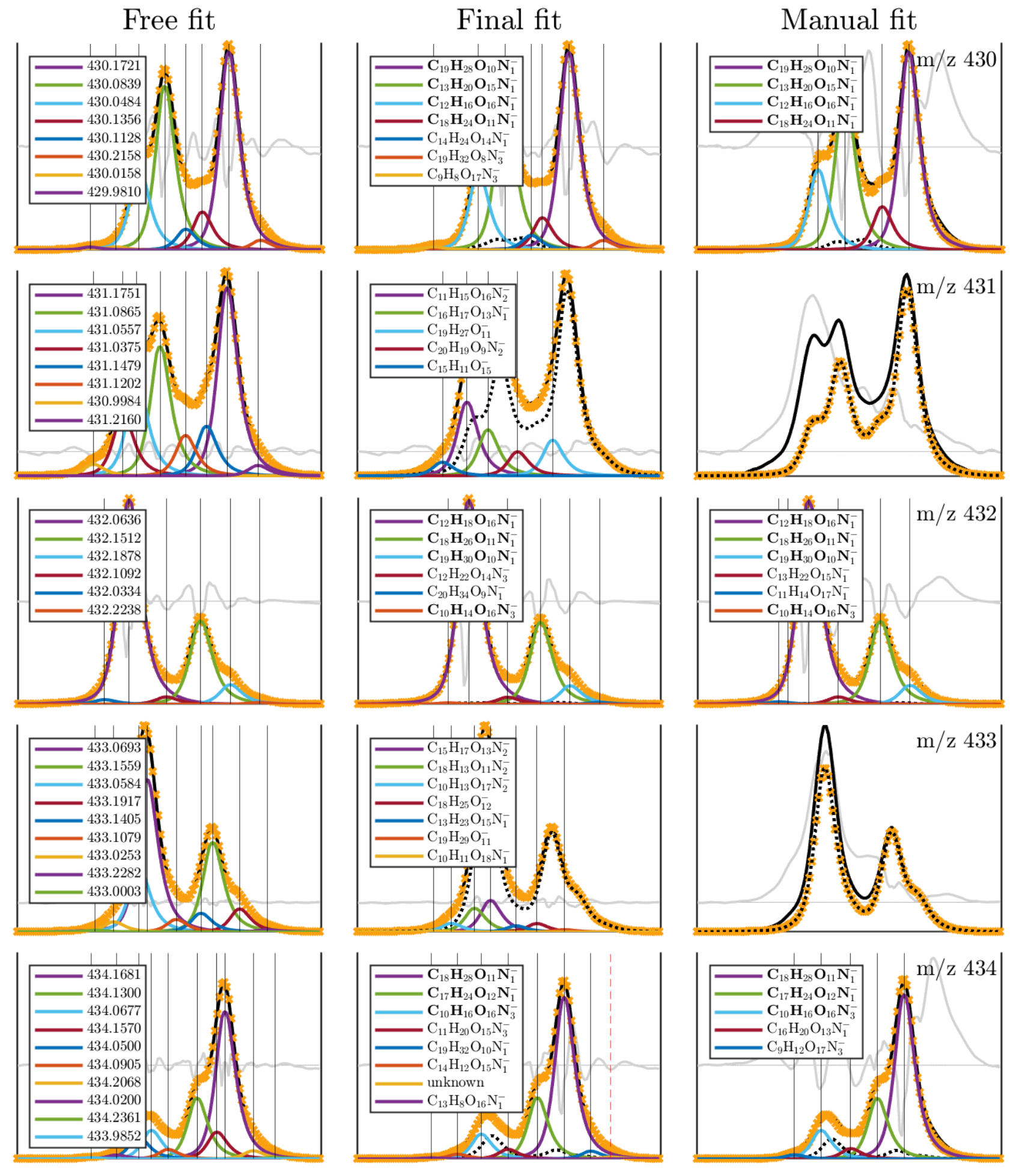

Free fit
Final fit
Manual fit
405.0350
405.0551
405.0686
405.0228
405.1268
405.1587
405.1040
404.9868
405.1860
$\mathbf{C_9H_{13}O_{16}N_2^-}$
$C_{15}H_{17}O_{13}^-$
$C_{11}H_{17}O_{16}^-$
$\mathbf{C_{16}H_{21}O_{12}^-}$
$C_{17}H_{25}O_{11}^-$
$C_8H_9O_{17}N_2^-$
$C_{18}H_{29}O_{10}^-$
$C_{10}H_{17}O_{15}N_2^-$
$\mathbf{C_9H_{13}O_{16}N_2^-}$
$\mathbf{C_{16}H_{21}O_{12}^-}$
$C_{10}H_{15}O_{16}N_1^-$
m/z 405
406.0438
406.0989
406.0596
406.1324
406.0135
406.1422
406.1728
405.9806
$C_{16}H_{12}O_{10}N_3^-$
$\mathbf{C_{15}H_{20}O_{12}N_1^-}$
$\mathbf{C_{16}H_{24}O_{11}N_1^-}$
$C_{17}H_{12}O_{11}N_1^-$
$\mathbf{C_9H_{12}O_{17}N_1^-}$
$\mathbf{C_{17}H_{28}O_{10}N_1^-}$
$C_7H_3O_6N_1F_{11}^-$
$C_{10}H_{16}O_{16}N_1^-$
$\mathbf{C_{15}H_{20}O_{12}N_1^-}$
$\mathbf{C_{16}H_{24}O_{11}N_1^-}$
$C_{14}H_{16}O_{13}N_1^-$
$\mathbf{C_{17}H_{28}O_{10}N_1^-}$
$\mathbf{C_9H_{12}O_{17}N_1^-}$
$C_8H_{12}O_{16}N_3^-$
$C_7H_8O_{17}N_3^-$
m/z 406
407.0022
407.0502
407.0815
407.1064
407.1370
407.0208
407.1731
$\mathbf{C_8H_{11}O_{17}N_2^-}$
$C_{12}H_9O_{15}N_1^-$
$\mathbf{C_{15}H_{19}O_{13}^-}$
$C_{16}H_{23}O_{12}^-$
$\mathbf{C_8H_{11}O_{17}N_2^-}$
$C_9H_{11}O_{18}^-$
$\mathbf{C_{15}H_{19}O_{13}^-}$
$C_{15}H_{23}O_{11}N_2^-$
$C_{10}H_{17}O_{16}N_1^-$
$C_{14}H_{15}O_{14}^-$
$C_{14}H_{19}O_{12}N_2^-$
$C_{10}H_{15}O_{17}^-$
m/z 407
407.9756
408.1150
408.1544
408.0110
408.0784
408.0443
$\mathbf{C_7H_2O_5N_1F_{12}^-}$
$\mathbf{C_{15}H_{22}O_{12}N_1^-}$
$C_{10}H_6O_{15}N_3^-$
$\mathbf{C_{16}H_{26}O_{11}N_1^-}$
$\mathbf{C_{14}H_{18}O_{13}N_1^-}$
$C_{15}H_{10}O_{11}N_3^-$
$C_{17}H_{30}O_{10}N_1^-$
$\mathbf{C_7H_2O_5N_1F_{12}^-}$
$\mathbf{C_{15}H_{22}O_{12}N_1^-}$
$\mathbf{C_{16}H_{26}O_{11}N_1^-}$
$C_8H_{10}O_{18}N_1^-$
$\mathbf{C_{14}H_{18}O_{13}N_1^-}$
$C_{13}H_{14}O_{14}N_1^-$
m/z 408
409.1195
408.9790
409.1003
409.0581
409.0747
409.0143
409.1569
$C_{15}H_{21}O_{13}^-$
$C_{14}H_{17}O_{14}^-$
$C_{16}H_{25}O_{12}^-$
m/z 409

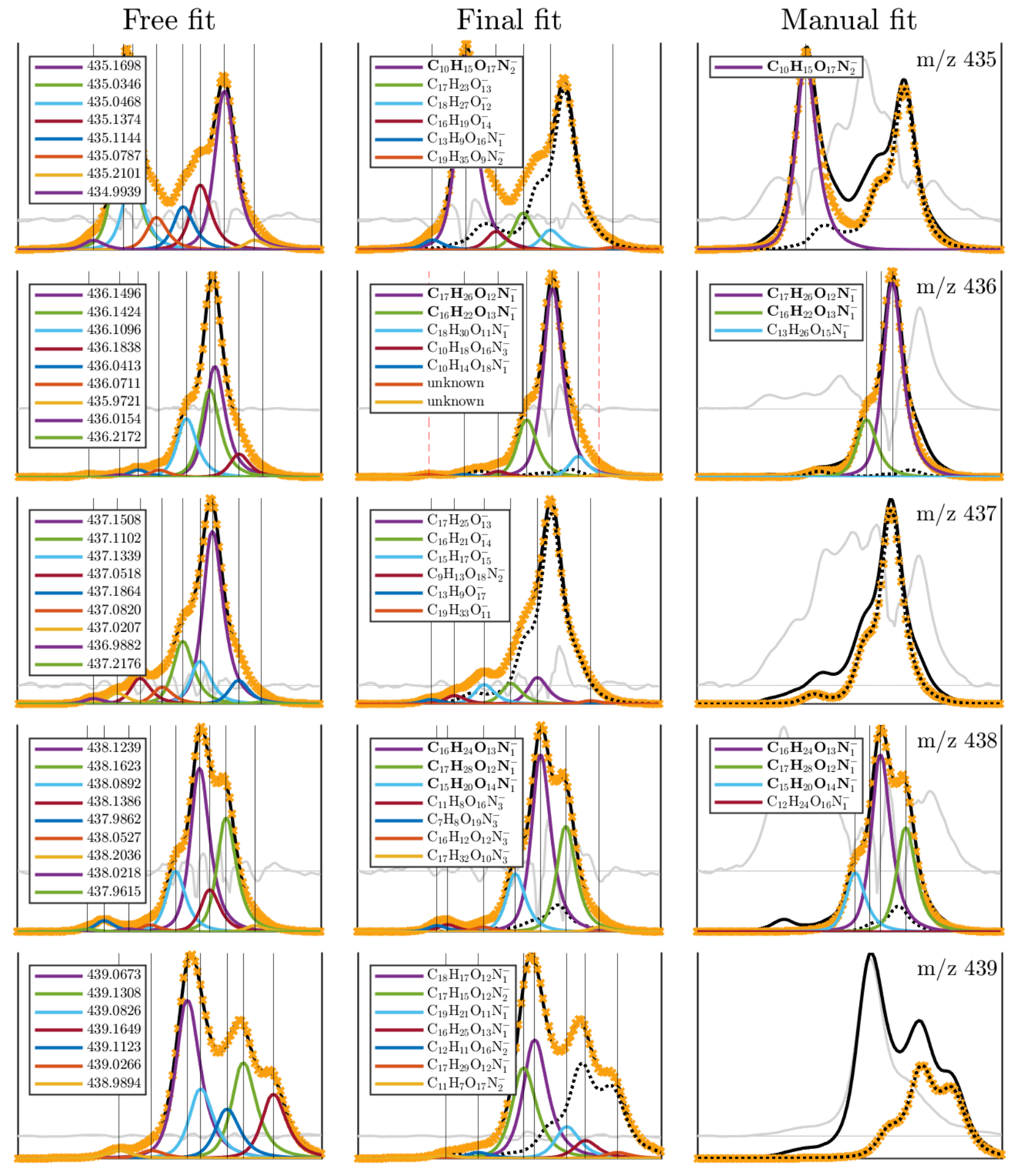

Free fit
Final fit
Manual fit
410.0917
410.0987
410.1312
410.0575
409.9854
410.1682
410.0082
$C_{14}H_{20}O_{13}N_1^-$
$C_{15}H_{24}O_{12}N_1^-$
$C_{13}H_{16}O_{14}N_1^-$
$C_{10}H_8O_{15}N_3^-$
$C_{13}H_{20}O_{12}N_3^-$
$C_{16}H_{28}O_{11}N_1^-$
$C_{11}H_8O_{16}N_1^-$
m/z 410
411.1010
411.0884
411.1337
411.0688
410.9915
411.0431
411.1685
411.0115
410.8124
$C_{17}H_{17}O_{11}N_1^-$
$C_{17}H_{19}O_{10}N_2^-$
$C_{11}H_9O_{16}N_1^-$
$C_9H_{17}O_{17}N_1^-$
$C_{18}H_{23}O_9N_2^-$
$C_{15}H_{11}O_{12}N_2^-$
m/z 411
412.1098
412.0739
412.1500
412.0360
411.9813
412.1752
$C_{14}H_{22}O_{13}N_1^-$
$C_{13}H_{18}O_{14}N_1^-$
$C_{15}H_{26}O_{12}N_1^-$
$C_{18}H_{26}O_8N_3^-$
$C_{12}H_{14}O_{15}N_1^-$
$C_9H_6O_{16}N_3^-$
$C_6H_{10}O_{18}N_3^-$
m/z 412
413.1147
413.0576
413.1058
413.0756
413.1523
413.0400
413.1823
413.0089
412.9749
$C_{16}H_{15}O_{12}N_1^-$
$C_{15}H_{13}O_{12}N_2^-$
$C_{17}H_{19}O_{11}N_1^-$
$C_{17}H_{21}O_{10}N_2^-$
$C_{20}H_{29}O_9^-$
$C_{14}H_9O_{13}N_2^-$
$C_{15}H_{27}O_{12}N_1^-$
$C_8O_2F_{15}^-$
m/z 413
414.0940
414.0844
414.0532
414.1198
414.1768
414.0152
414.1431
414.2129
413.9800
$C_{13}H_{20}O_{14}N_1^-$
$C_{12}H_{16}O_{15}N_1^-$
$C_{19}H_{28}O_9N_1^-$
$C_{14}H_{24}O_{13}N_1^-$
$C_{11}H_{12}O_{16}N_1^-$
$C_{18}H_{24}O_{10}N_1^-$
$C_{20}H_{32}O_8N_1^-$
$C_{10}H_8O_{17}N_1^-$
m/z 414

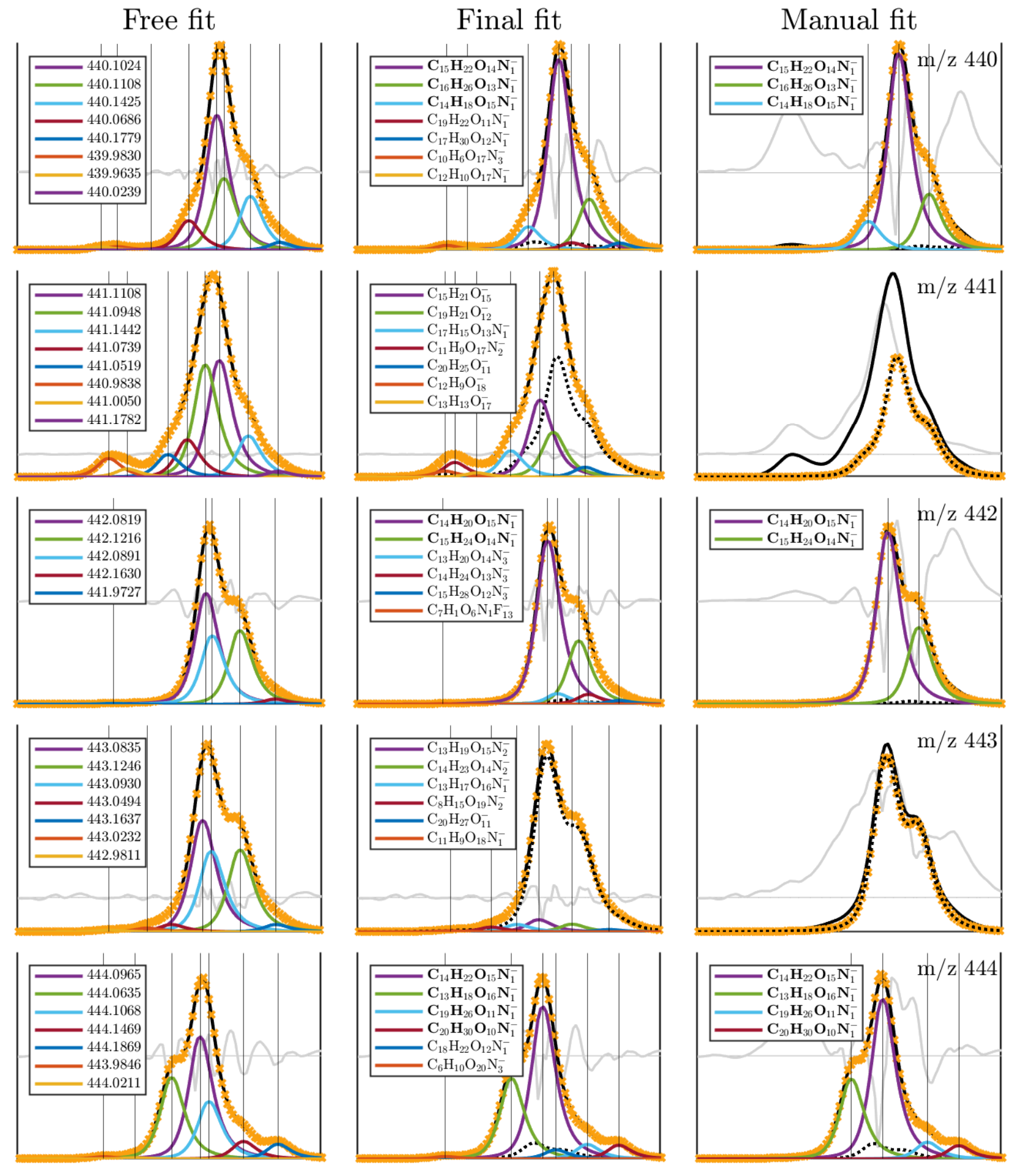

Free fit
Final fit
Manual fit
m/z 415
415.0926
415.0722
415.0532
415.1233
415.1587
415.0268
415.1819
414.9963
$C_{16}H_{17}O_{12}N_1^-$
$C_{16}H_{15}O_{13}^-$
$C_{19}H_{27}O_{10}^-$
$C_{14}H_{11}O_{13}N_2^-$
$C_{13}H_{23}O_{13}N_2^-$
$C_{11}H_{11}O_{17}^-$
m/z 416
416.0710
416.0626
416.1559
416.0361
416.1935
416.1128
415.9794
$\mathbf{C_{12}H_{18}O_{15}N_1^-}$
$\mathbf{C_{18}H_{26}O_{10}N_1^-}$
$\mathbf{C_{10}H_{14}O_{15}N_3^-}$
$\mathbf{C_{19}H_{30}O_9N_1^-}$
$C_{11}H_{18}O_{14}N_3^-$
$C_{12}H_{22}O_{13}N_3^-$
$\mathbf{C_{11}H_{14}O_{16}N_1^-}$
unknown
$\mathbf{C_{12}H_{18}O_{15}N_1^-}$
$\mathbf{C_{18}H_{26}O_{10}N_1^-}$
$\mathbf{C_{10}H_{14}O_{15}N_3^-}$
$\mathbf{C_{19}H_{30}O_9N_1^-}$
$C_{13}H_{22}O_{14}N_1^-$
$\mathbf{C_{11}H_{14}O_{16}N_1^-}$
m/z 417
417.0724
417.0243
417.0491
417.1622
417.1070
417.1391
417.1956
416.9864
$C_{10}H_{13}O_{16}N_2^-$
$C_{12}H_{19}O_{15}N_1^-$
$C_{18}H_{13}O_{10}N_2^-$
$C_{11}H_{13}O_{17}^-$
$C_{18}H_{25}O_{11}^-$
$C_{17}H_{21}O_{12}^-$
$C_{19}H_{29}O_{10}^-$
unknown
m/z 418
418.1720
418.0491
418.0655
418.1355
418.0942
418.0190
418.2191
417.9815
$\mathbf{C_{18}H_{28}O_{10}N_1^-}$
$C_{15}H_{16}O_{13}N_1^-$
$\mathbf{C_{11}H_{16}O_{16}N_1^-}$
$\mathbf{C_{17}H_{24}O_{11}N_1^-}$
$C_{11}H_{20}O_{14}N_3^-$
$C_9H_{12}O_{16}N_3^-$
$C_{18}H_{32}O_8N_3^-$
$C_{13}H_8O_{15}N_1^-$
$\mathbf{C_{18}H_{28}O_{10}N_1^-}$
$C_{10}H_{16}O_{15}N_3^-$
$\mathbf{C_{17}H_{24}O_{11}N_1^-}$
$C_{14}H_{12}O_{14}N_1^-$
$\mathbf{C_{11}H_{16}O_{16}N_1^-}$
$C_{13}H_{24}O_{14}N_1^-$
m/z 419
419.0409
419.1752
419.0513
419.0849
419.1416
419.1166
419.0011
419.2212
$\mathbf{C_{10}H_{15}O_{16}N_2^-}$
$C_{11}H_{17}O_{16}N_1^-$
$C_{12}H_{21}O_{15}N_1^-$
$C_{17}H_{23}O_{12}^-$
$C_9H_{11}O_{17}N_2^-$
$C_{18}H_{27}O_{11}^-$
$\mathbf{C_{10}H_{15}O_{16}N_2^-}$

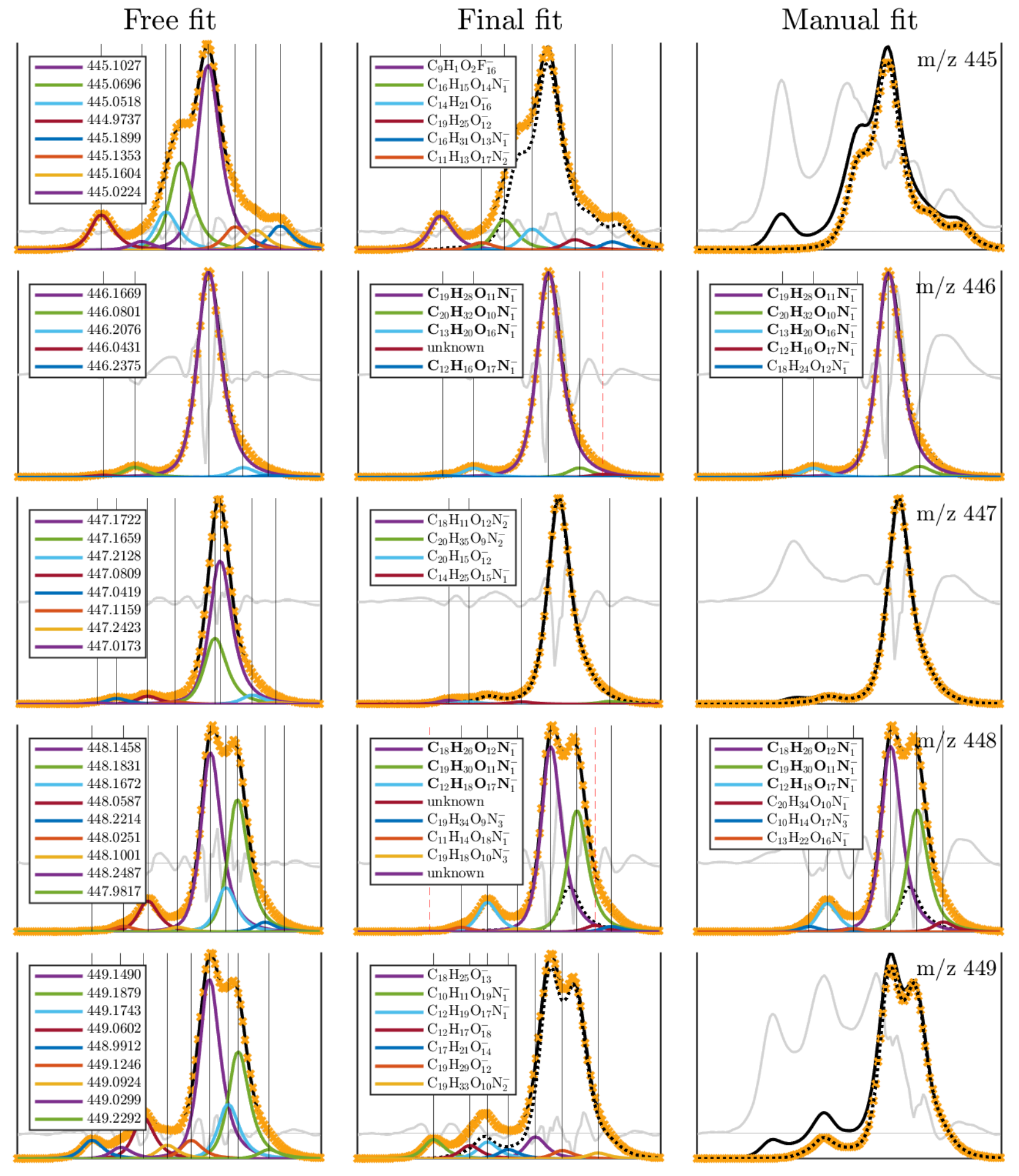

Free fit
Final fit
Manual fit
420.0267
420.1480
420.1556
420.0471
420.1136
420.0740
420.1854
419.9762
420.2172
$C_{17}H_{26}O_{11}N_1^-$
$C_{10}H_{14}O_{17}N_1^-$
$C_{16}H_{22}O_{12}N_1^-$
$C_{14}H_{14}O_{14}N_1^-$
$C_{10}H_{18}O_{15}N_3^-$
$C_{18}H_{30}O_{10}N_1^-$
unknown
unknown
$C_{17}H_{26}O_{11}N_1^-$
$C_{10}H_{14}O_{17}N_1^-$
$C_{16}H_{22}O_{12}N_1^-$
$C_{10}H_{18}O_{15}N_3^-$
$C_{14}H_{14}O_{14}N_1^-$
$C_{11}H_{18}O_{16}N_1^-$
m/z 420
421.1546
421.0257
421.0428
421.0643
421.1005
421.1264
421.1885
420.9829
$C_{15}H_{17}O_{14}^-$
$C_{16}H_{21}O_{13}^-$
$C_9H_{13}O_{17}N_2^-$
$C_{17}H_{25}O_{12}^-$
$C_{18}H_{13}O_{12}^-$
$C_8H_9O_{18}N_2^-$
m/z 421
422.0932
422.1319
422.1662
422.1073
422.0512
422.0286
421.9890
422.2037
$C_{15}H_{20}O_{13}N_1^-$
$C_{16}H_{24}O_{12}N_1^-$
$C_{17}H_{28}O_{11}N_1^-$
$C_{16}H_{12}O_{11}N_3^-$
$C_{14}H_{20}O_{12}N_3^-$
$C_{12}H_8O_{16}N_1^-$
$C_8H_{12}O_{17}N_3^-$
$C_{18}H_{32}O_{10}N_1^-$
$C_{15}H_{20}O_{13}N_1^-$
$C_{16}H_{24}O_{12}N_1^-$
$C_{17}H_{28}O_{11}N_1^-$
$C_9H_{16}O_{16}N_3^-$
$C_{13}H_{12}O_{15}N_1^-$
$C_{10}H_{16}O_{17}N_1^-$
$C_{13}H_{16}O_{13}N_3^-$
m/z 422
423.0966
423.0755
422.9983
423.1229
423.1396
423.1702
423.0407
422.9761
$C_{15}H_{19}O_{14}^-$
$C_{19}H_{21}O_{10}N_1^-$
$C_8H_{11}O_{18}N_2^-$
$C_{12}H_9O_{16}N_1^-$
$C_{17}H_{27}O_{12}^-$
$C_{14}H_{15}O_{15}^-$
unknown
m/z 423
424.1134
424.1059
424.1473
424.0736
424.1811
423.9709
423.9990
424.0367
$C_{15}H_{22}O_{13}N_1^-$
$C_{16}H_{26}O_{12}N_1^-$
$C_{14}H_{18}O_{14}N_1^-$
$C_{17}H_{30}O_{11}N_1^-$
$C_7H_2O_6N_1F_{12}^-$
$C_7H_{10}O_{18}N_3^-$
$C_8H_{14}O_{17}N_3^-$
$C_{15}H_{22}O_{13}N_1^-$
$C_{16}H_{26}O_{12}N_1^-$
$C_{14}H_{18}O_{14}N_1^-$
m/z 424

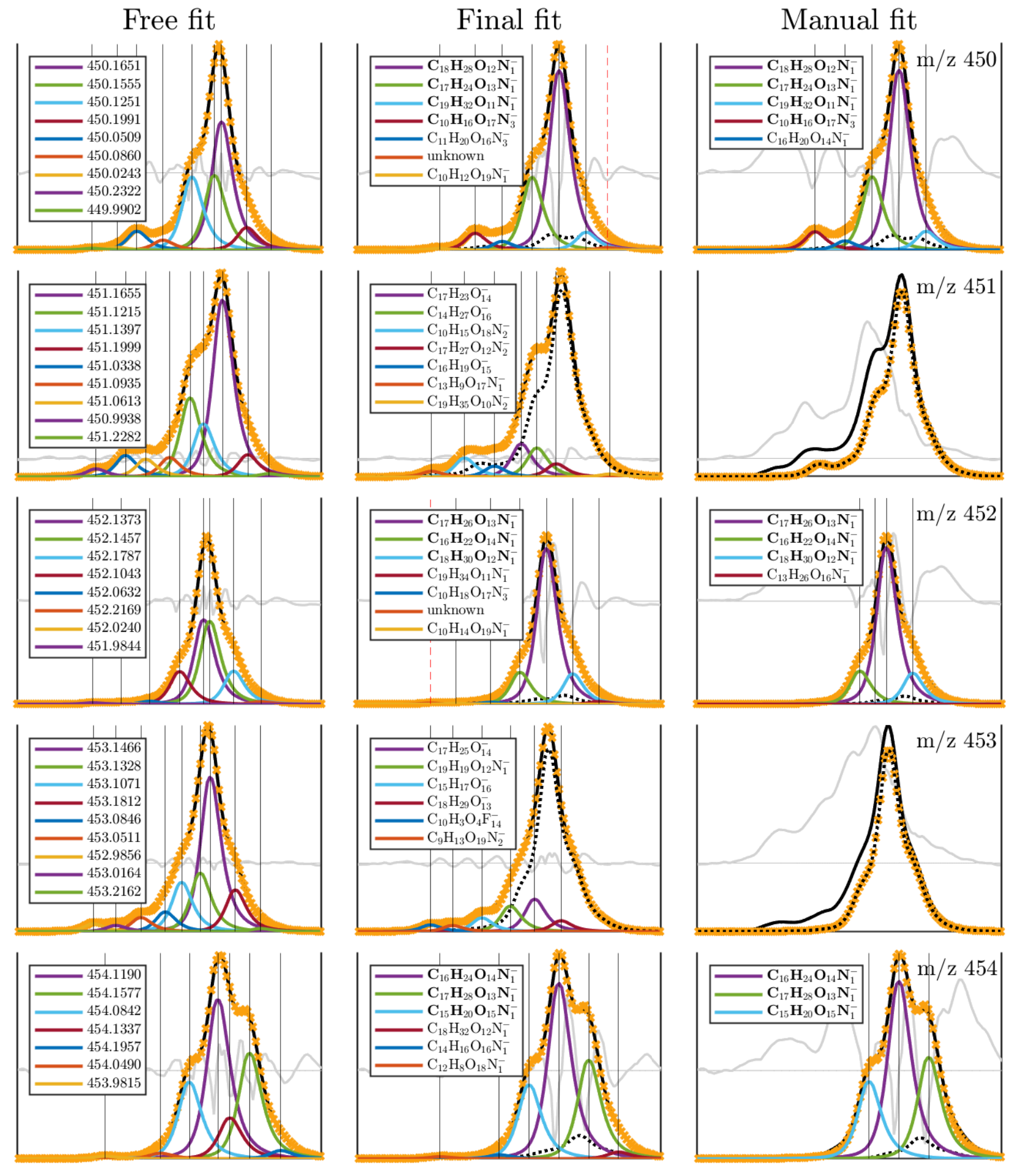

Free fit
Final fit
Manual fit
425.1145
425.0975
425.0544
425.1482
425.0721
424.9872
425.0043
425.1775
$C_{18}H_{19}O_{11}N_1^-$
$C_{17}H_{15}O_{12}N_1^-$
$C_{16}H_{25}O_{13}^-$
$C_{11}H_9O_{16}N_2^-$
$C_{13}H_{15}O_{15}N_1^-$
$C_{12}H_9O_{17}^-$
m/z 425
425.9666
426.0892
426.1321
426.0222
$\mathbf{C_7H_1O_5N_1F_{13}^-}$
$\mathbf{C_{14}H_{20}O_{14}N_1^-}$
$C_{12}H_{12}O_{16}N_1^-$
$C_{14}H_{24}O_{12}N_3^-$
$\mathbf{C_7H_1O_5N_1F_{13}^-}$
$\mathbf{C_{14}H_{20}O_{14}N_1^-}$
$C_{15}H_{24}O_{13}N_1^-$
$C_{13}H_{16}O_{15}N_1^-$
m/z 426
426.9692
427.0935
427.0767
427.1288
427.0449
427.0148
427.1640
$C_{17}H_{17}O_{12}N_1^-$
$C_{18}H_{21}O_{11}N_1^-$
$C_{17}H_{15}O_{13}^-$
$C_{19}H_{27}O_9N_2^-$
m/z 427
428.1060
428.0682
428.0928
427.9699
428.1439
427.9827
428.0286
428.1670
428.1917
$\mathbf{C_{14}H_{22}O_{14}N_1^-}$
$\mathbf{C_{13}H_{18}O_{15}N_1^-}$
$C_{17}H_{22}O_{10}N_3^-$
$C_{14}H_{26}O_{12}N_3^-$
unknown
$C_{15}H_{30}O_{11}N_3^-$
$\mathbf{C_{14}H_{22}O_{14}N_1^-}$
$\mathbf{C_{13}H_{18}O_{15}N_1^-}$
m/z 428
429.0708
429.1104
429.0961
429.0483
429.1459
428.9777
429.1779
429.0107
$C_{12}H_{17}O_{15}N_2^-$
$C_{15}H_{13}O_{13}N_2^-$
$C_{17}H_{19}O_{12}N_1^-$
$C_{15}H_{27}O_{13}N_1^-$
$C_{15}H_{25}O_{14}^-$
$C_{15}H_9O_{15}^-$
$C_{20}H_{29}O_{10}^-$
m/z 429

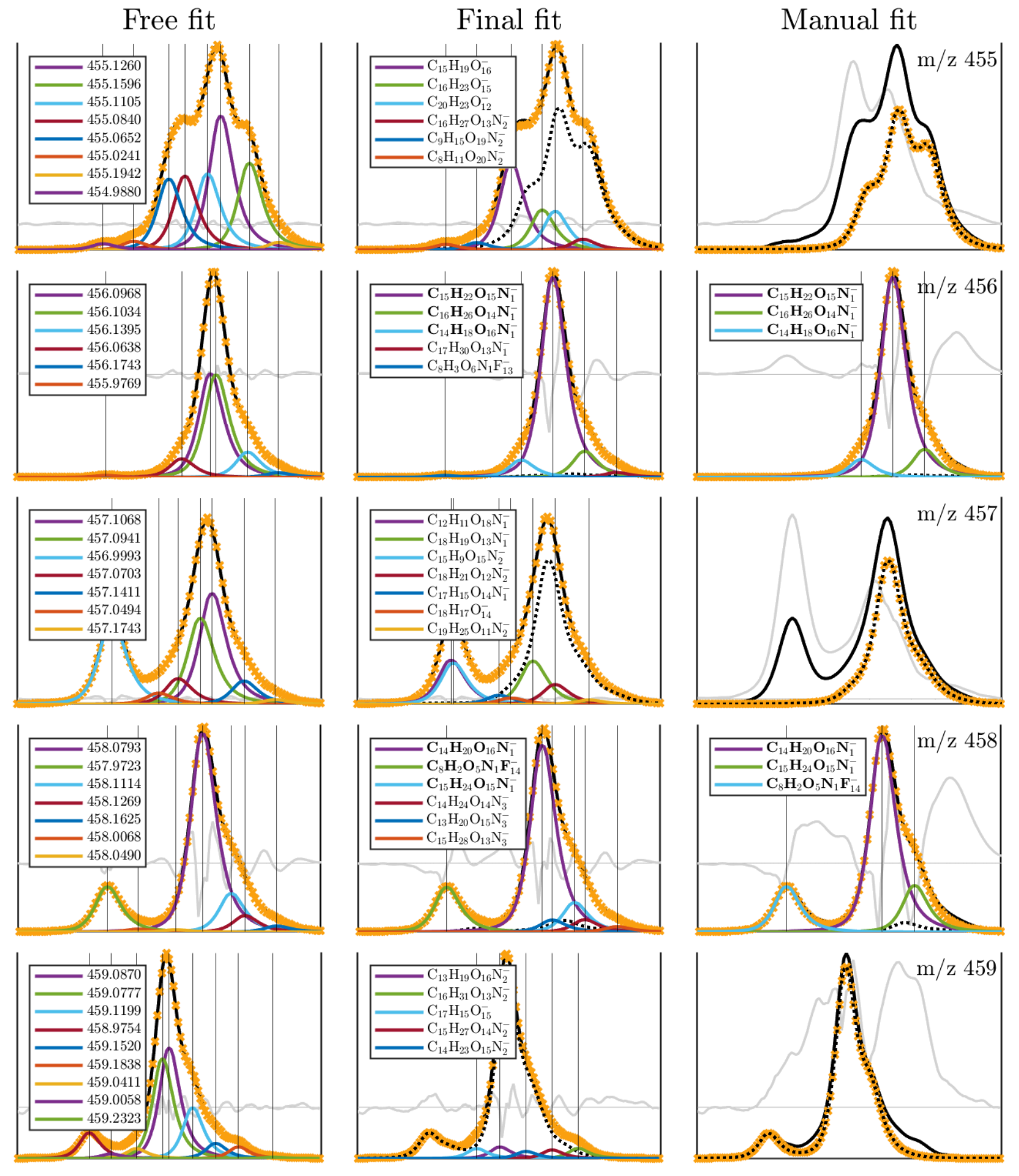

Free fit
Final fit
Manual fit
430.1721
430.0839
430.0484
430.1356
430.1128
430.2158
430.0158
429.9810
$C_{19}H_{28}O_{10}N_1^-$
$C_{13}H_{20}O_{15}N_1^-$
$C_{12}H_{16}O_{16}N_1^-$
$C_{18}H_{24}O_{11}N_1^-$
$C_{14}H_{24}O_{14}N_1^-$
$C_{19}H_{32}O_8N_3^-$
$C_9H_8O_{17}N_3^-$
m/z 430
431.1751
431.0865
431.0557
431.0375
431.1479
431.1202
430.9984
431.2160
$C_{11}H_{15}O_{16}N_2^-$
$C_{16}H_{17}O_{13}N_1^-$
$C_{19}H_{27}O_{11}^-$
$C_{20}H_{19}O_9N_2^-$
$C_{15}H_{11}O_{15}^-$
m/z 431
432.0636
432.1512
432.1878
432.1092
432.0334
432.2238
$C_{12}H_{18}O_{16}N_1^-$
$C_{18}H_{26}O_{11}N_1^-$
$C_{19}H_{30}O_{10}N_1^-$
$C_{12}H_{22}O_{14}N_3^-$
$C_{20}H_{34}O_9N_1^-$
$C_{10}H_{14}O_{16}N_3^-$
$C_{13}H_{22}O_{15}N_1^-$
$C_{11}H_{14}O_{17}N_1^-$
m/z 432
433.0693
433.1559
433.0584
433.1917
433.1405
433.1079
433.0253
433.2282
433.0003
$C_{15}H_{17}O_{13}N_2^-$
$C_{18}H_{13}O_{11}N_2^-$
$C_{10}H_{13}O_{17}N_2^-$
$C_{18}H_{25}O_{12}^-$
$C_{13}H_{23}O_{15}N_1^-$
$C_{19}H_{29}O_{11}^-$
$C_{10}H_{11}O_{18}N_1^-$
m/z 433
434.1681
434.1300
434.0677
434.1570
434.0500
434.0905
434.2068
434.0200
434.2361
433.9852
$C_{18}H_{28}O_{11}N_1^-$
$C_{17}H_{24}O_{12}N_1^-$
$C_{10}H_{16}O_{16}N_3^-$
$C_{11}H_{20}O_{15}N_3^-$
$C_{19}H_{32}O_{10}N_1^-$
$C_{14}H_{12}O_{15}N_1^-$
unknown
$C_{13}H_8O_{16}N_1^-$
$C_{16}H_{20}O_{13}N_1^-$
$C_9H_{12}O_{17}N_3^-$
m/z 434

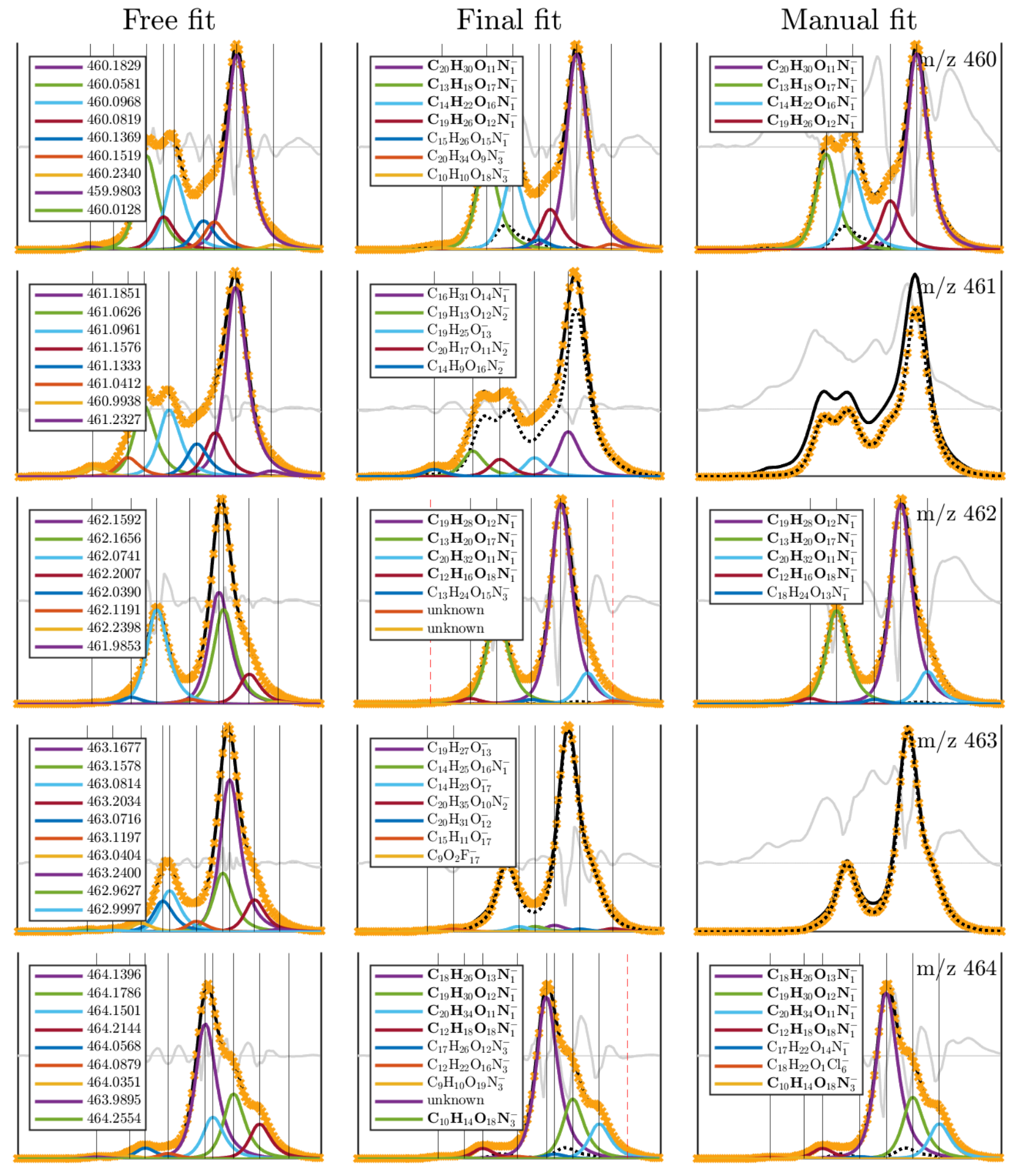

Free fit
Final fit
Manual fit
435.1698
435.0346
435.0468
435.1374
435.1144
435.0787
435.2101
434.9939
C10H15O17N2−
C17H23O13−
C18H27O12−
C16H19O14−
C13H9O16N1−
C19H35O9N2−
C10H15O17N2−
m/z 435
436.1496
436.1424
436.1096
436.1838
436.0413
436.0711
435.9721
436.0154
436.2172
C17H26O12N1−
C16H22O13N1−
C18H30O11N1−
C10H18O16N3−
C10H14O18N1−
unknown
unknown
C17H26O12N1−
C16H22O13N1−
C13H26O15N1−
m/z 436
437.1508
437.1102
437.1339
437.0518
437.1864
437.0820
437.0207
436.9882
437.2176
C17H25O13−
C16H21O14−
C15H17O15−
C9H13O18N2−
C13H9O17−
C19H33O11−
m/z 437
438.1239
438.1623
438.0892
438.1386
437.9862
438.0527
438.2036
438.0218
437.9615
C16H24O13N1−
C17H28O12N1−
C15H20O14N1−
C11H8O16N3−
C7H8O19N3−
C16H12O12N3−
C17H32O10N3−
C16H24O13N1−
C17H28O12N1−
C15H20O14N1−
C12H24O16N1−
m/z 438
439.0673
439.1308
439.0826
439.1649
439.1123
439.0266
438.9894
C18H17O12N1−
C17H15O12N2−
C19H21O11N1−
C16H25O13N1−
C12H11O16N2−
C17H29O12N1−
C11H7O17N2−
m/z 439

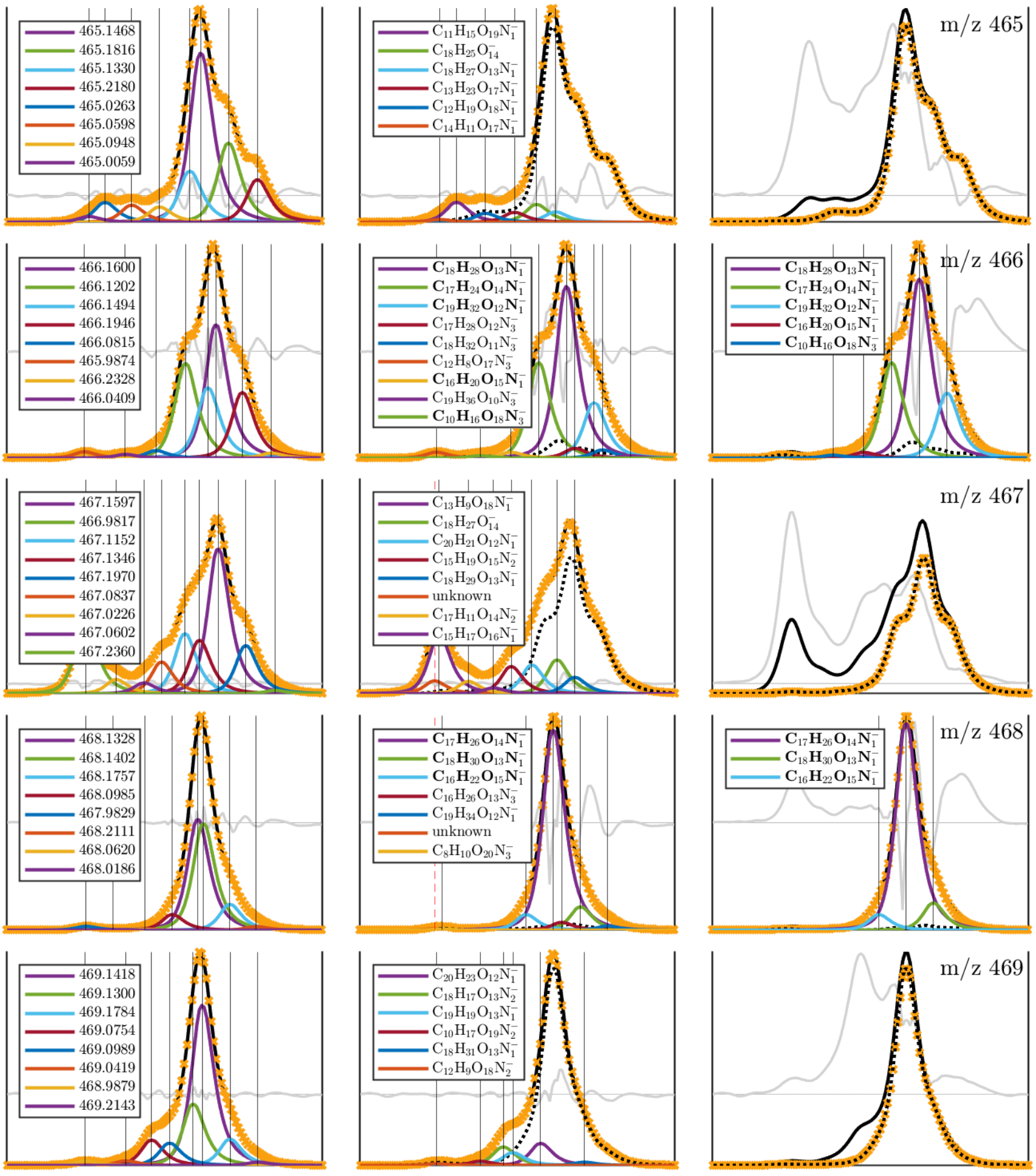

Free fit
Final fit
Manual fit
440.1024
440.1108
440.1425
440.0686
440.1779
439.9830
439.9635
440.0239
$C_{15}H_{22}O_{14}N_1^-$
$C_{16}H_{26}O_{13}N_1^-$
$C_{14}H_{18}O_{15}N_1^-$
$C_{19}H_{22}O_{11}N_1^-$
$C_{17}H_{30}O_{12}N_1^-$
$C_{10}H_6O_{17}N_3^-$
$C_{12}H_{10}O_{17}N_1^-$
m/z 440
441.1108
441.0948
441.1442
441.0739
441.0519
440.9838
441.0050
441.1782
$C_{15}H_{21}O_{15}^-$
$C_{19}H_{21}O_{12}^-$
$C_{17}H_{15}O_{13}N_1^-$
$C_{11}H_9O_{17}N_2^-$
$C_{20}H_{25}O_{11}^-$
$C_{12}H_9O_{18}^-$
$C_{13}H_{13}O_{17}^-$
m/z 441
442.0819
442.1216
442.0891
442.1630
441.9727
$C_{14}H_{20}O_{15}N_1^-$
$C_{15}H_{24}O_{14}N_1^-$
$C_{13}H_{20}O_{14}N_3^-$
$C_{14}H_{24}O_{13}N_3^-$
$C_{15}H_{28}O_{12}N_3^-$
$C_7H_1O_6N_1F_{13}^-$
m/z 442
443.0835
443.1246
443.0930
443.0494
443.1637
443.0232
442.9811
$C_{13}H_{19}O_{15}N_2^-$
$C_{14}H_{23}O_{14}N_2^-$
$C_{13}H_{17}O_{16}N_1^-$
$C_8H_{15}O_{19}N_2^-$
$C_{20}H_{27}O_{11}^-$
$C_{11}H_9O_{18}N_1^-$
m/z 443
444.0965
444.0635
444.1068
444.1469
444.1869
443.9846
444.0211
$C_{14}H_{22}O_{15}N_1^-$
$C_{13}H_{18}O_{16}N_1^-$
$C_{19}H_{26}O_{11}N_1^-$
$C_{20}H_{30}O_{10}N_1^-$
$C_{18}H_{22}O_{12}N_1^-$
$C_6H_{10}O_{20}N_3^-$
m/z 444

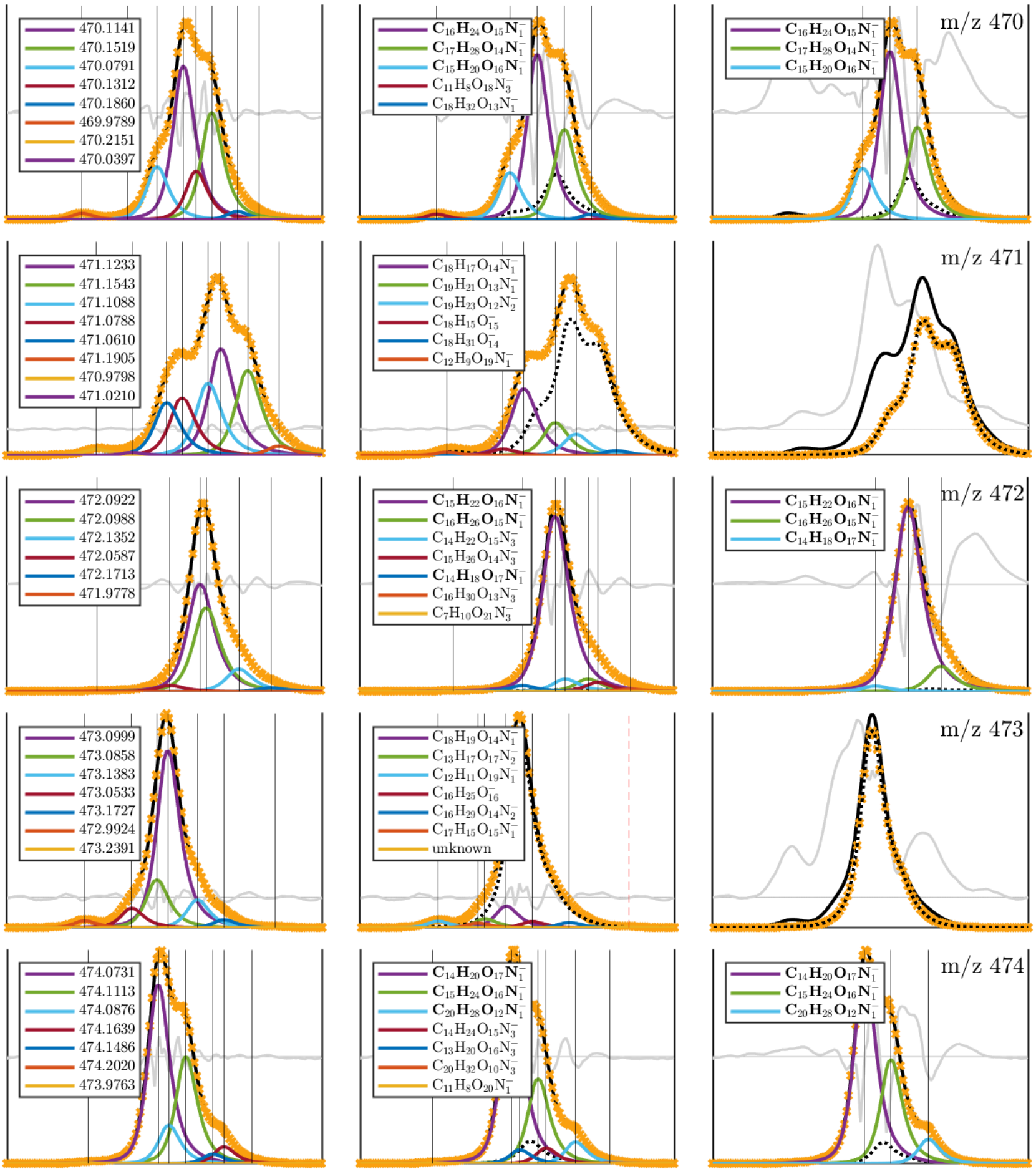

Free fit
Final fit
Manual fit
445.1027
445.0696
445.0518
444.9737
445.1899
445.1353
445.1604
445.0224
$C_9H_1O_2F_{16}^-$
$C_{16}H_{15}O_{14}N_1^-$
$C_{14}H_{21}O_{16}^-$
$C_{19}H_{25}O_{12}^-$
$C_{16}H_{31}O_{13}N_1^-$
$C_{11}H_{13}O_{17}N_2^-$
m/z 445
446.1669
446.0801
446.2076
446.0431
446.2375
$\mathbf{C_{19}H_{28}O_{11}N_1^-}$
$\mathbf{C_{20}H_{32}O_{10}N_1^-}$
$\mathbf{C_{13}H_{20}O_{16}N_1^-}$
unknown
$\mathbf{C_{12}H_{16}O_{17}N_1^-}$
$\mathbf{C_{19}H_{28}O_{11}N_1^-}$
$\mathbf{C_{20}H_{32}O_{10}N_1^-}$
$\mathbf{C_{13}H_{20}O_{16}N_1^-}$
$\mathbf{C_{12}H_{16}O_{17}N_1^-}$
$C_{18}H_{24}O_{12}N_1^-$
m/z 446
447.1722
447.1659
447.2128
447.0809
447.0419
447.1159
447.2423
447.0173
$C_{18}H_{11}O_{12}N_2^-$
$C_{20}H_{35}O_9N_2^-$
$C_{20}H_{15}O_{12}^-$
$C_{14}H_{25}O_{15}N_1^-$
m/z 447
448.1458
448.1831
448.1672
448.0587
448.2214
448.0251
448.1001
448.2487
447.9817
$\mathbf{C_{18}H_{26}O_{12}N_1^-}$
$\mathbf{C_{19}H_{30}O_{11}N_1^-}$
$\mathbf{C_{12}H_{18}O_{17}N_1^-}$
unknown
$C_{19}H_{34}O_9N_3^-$
$C_{11}H_{14}O_{18}N_1^-$
$C_{19}H_{18}O_{10}N_3^-$
unknown
$\mathbf{C_{18}H_{26}O_{12}N_1^-}$
$\mathbf{C_{19}H_{30}O_{11}N_1^-}$
$\mathbf{C_{12}H_{18}O_{17}N_1^-}$
$C_{20}H_{34}O_{10}N_1^-$
$C_{10}H_{14}O_{17}N_3^-$
$C_{13}H_{22}O_{16}N_1^-$
m/z 448
449.1490
449.1879
449.1743
449.0602
448.9912
449.1246
449.0924
449.0299
449.2292
$C_{18}H_{25}O_{13}^-$
$C_{10}H_{11}O_{19}N_1^-$
$C_{12}H_{19}O_{17}N_1^-$
$C_{12}H_{17}O_{18}^-$
$C_{17}H_{21}O_{14}^-$
$C_{19}H_{29}O_{12}^-$
$C_{19}H_{33}O_{10}N_2^-$
m/z 449

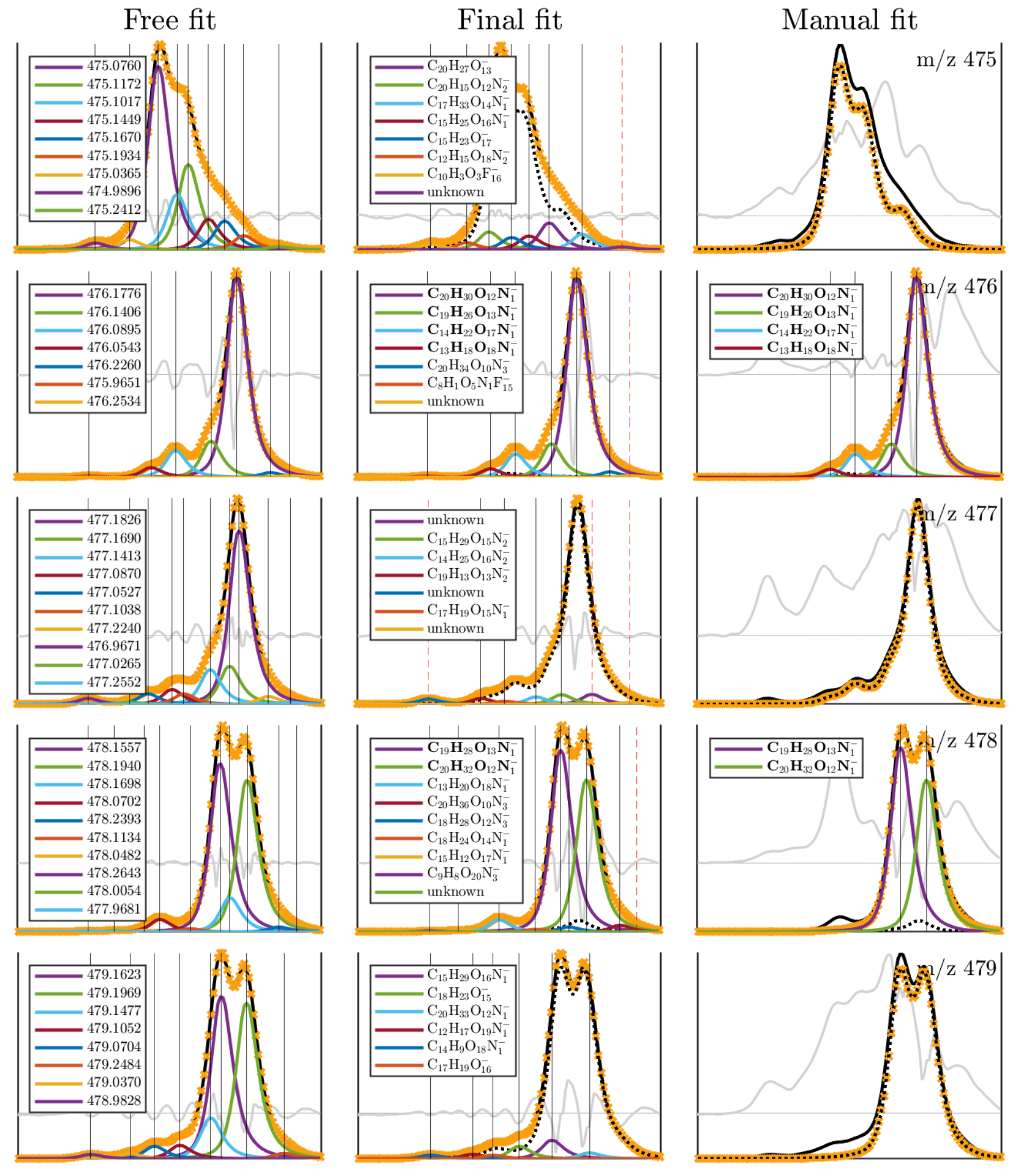

Free fit
Final fit
Manual fit
m/z 450
m/z 451
m/z 452
m/z 453
m/z 454
450.1651
450.1555
450.1251
450.1991
450.0509
450.0860
450.0243
450.2322
449.9902
$C_{18}H_{28}O_{12}N_1^-$
$C_{17}H_{24}O_{13}N_1^-$
$C_{19}H_{32}O_{11}N_1^-$
$C_{10}H_{16}O_{17}N_3^-$
$C_{11}H_{20}O_{16}N_3^-$
unknown
$C_{10}H_{12}O_{19}N_1^-$
$C_{16}H_{20}O_{14}N_1^-$
451.1655
451.1215
451.1397
451.1999
451.0338
451.0935
451.0613
450.9938
451.2282
$C_{17}H_{23}O_{14}^-$
$C_{14}H_{27}O_{16}^-$
$C_{10}H_{15}O_{18}N_2^-$
$C_{17}H_{27}O_{12}N_2^-$
$C_{16}H_{19}O_{15}^-$
$C_{13}H_9O_{17}N_1^-$
$C_{19}H_{35}O_{10}N_2^-$
452.1373
452.1457
452.1787
452.1043
452.0632
452.2169
452.0240
451.9844
$C_{17}H_{26}O_{13}N_1^-$
$C_{16}H_{22}O_{14}N_1^-$
$C_{18}H_{30}O_{12}N_1^-$
$C_{19}H_{34}O_{11}N_1^-$
$C_{10}H_{18}O_{17}N_3^-$
unknown
$C_{10}H_{14}O_{19}N_1^-$
$C_{13}H_{26}O_{16}N_1^-$
453.1466
453.1328
453.1071
453.1812
453.0846
453.0511
452.9856
453.0164
453.2162
$C_{17}H_{25}O_{14}^-$
$C_{19}H_{19}O_{12}N_1^-$
$C_{15}H_{17}O_{16}^-$
$C_{18}H_{29}O_{13}^-$
$C_{10}H_3O_4F_{14}^-$
$C_9H_{13}O_{19}N_2^-$
454.1190
454.1577
454.0842
454.1337
454.1957
454.0490
453.9815
$C_{16}H_{24}O_{14}N_1^-$
$C_{17}H_{28}O_{13}N_1^-$
$C_{15}H_{20}O_{15}N_1^-$
$C_{18}H_{32}O_{12}N_1^-$
$C_{14}H_{16}O_{16}N_1^-$
$C_{12}H_8O_{18}N_1^-$

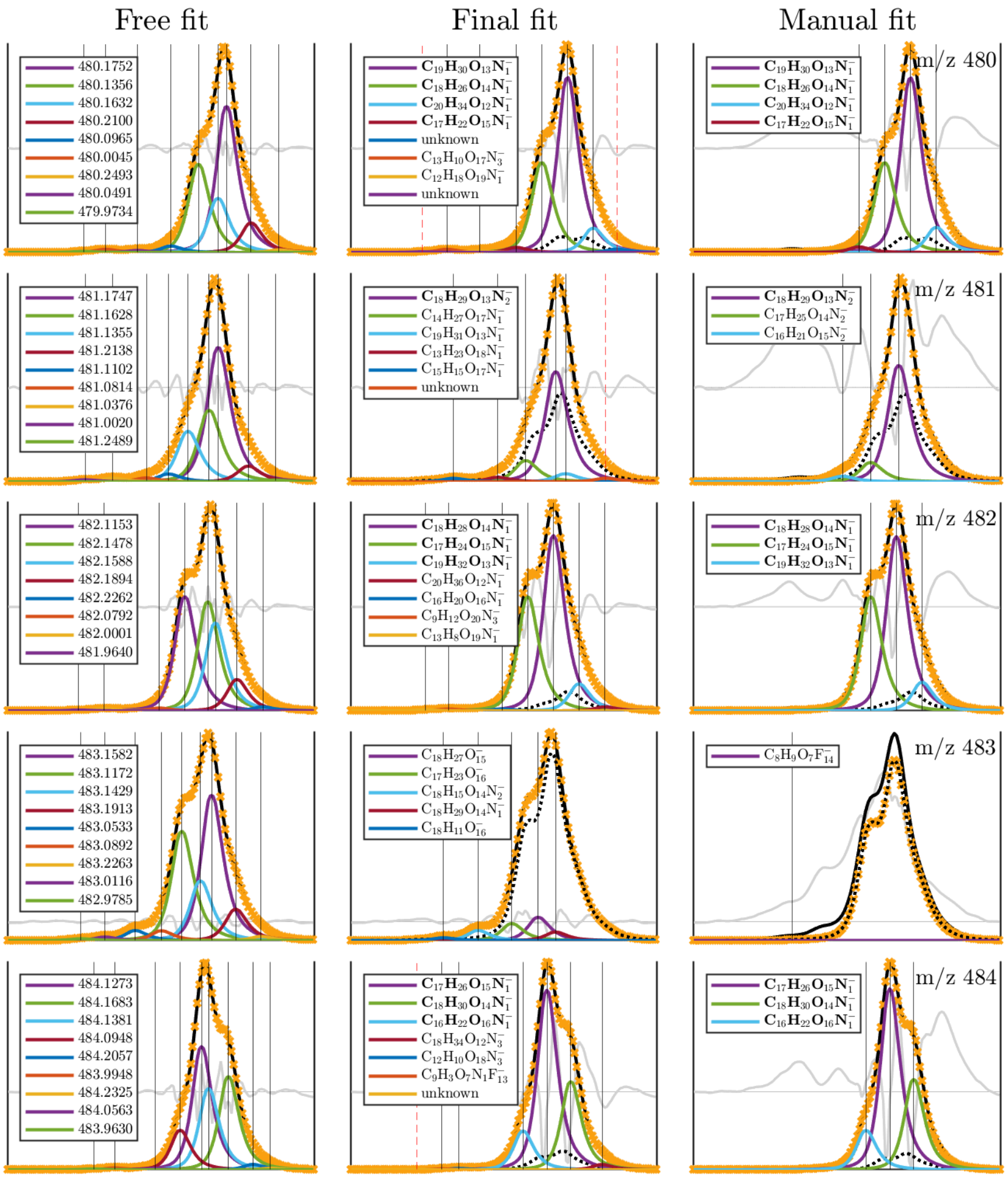

Free fit
Final fit
Manual fit
455.1260
455.1596
455.1105
455.0840
455.0652
455.0241
455.1942
454.9880
$C_{15}H_{19}O_{16}^-$
$C_{16}H_{23}O_{15}^-$
$C_{20}H_{23}O_{12}^-$
$C_{16}H_{27}O_{13}N_2^-$
$C_9H_{15}O_{19}N_2^-$
$C_8H_{11}O_{20}N_2^-$
m/z 455
456.0968
456.1034
456.1395
456.0638
456.1743
455.9769
$\mathbf{C_{15}H_{22}O_{15}N_1^-}$
$\mathbf{C_{16}H_{26}O_{14}N_1^-}$
$\mathbf{C_{14}H_{18}O_{16}N_1^-}$
$C_{17}H_{30}O_{13}N_1^-$
$C_8H_3O_6N_1F_{13}^-$
m/z 456
457.1068
457.0941
456.9993
457.0703
457.1411
457.0494
457.1743
$C_{12}H_{11}O_{18}N_1^-$
$C_{18}H_{19}O_{13}N_1^-$
$C_{15}H_9O_{15}N_2^-$
$C_{18}H_{21}O_{12}N_2^-$
$C_{17}H_{15}O_{14}N_1^-$
$C_{18}H_{17}O_{14}^-$
$C_{19}H_{25}O_{11}N_2^-$
m/z 457
458.0793
457.9723
458.1114
458.1269
458.1625
458.0068
458.0490
$\mathbf{C_{14}H_{20}O_{16}N_1^-}$
$\mathbf{C_8H_2O_5N_1F_{14}^-}$
$\mathbf{C_{15}H_{24}O_{15}N_1^-}$
$C_{14}H_{24}O_{14}N_3^-$
$C_{13}H_{20}O_{15}N_3^-$
$C_{15}H_{28}O_{13}N_3^-$
m/z 458
459.0870
459.0777
459.1199
458.9754
459.1520
459.1838
459.0411
459.0058
459.2323
$C_{13}H_{19}O_{16}N_2^-$
$C_{16}H_{31}O_{13}N_2^-$
$C_{17}H_{15}O_{15}^-$
$C_{15}H_{27}O_{14}N_2^-$
$C_{14}H_{23}O_{15}N_2^-$
m/z 459

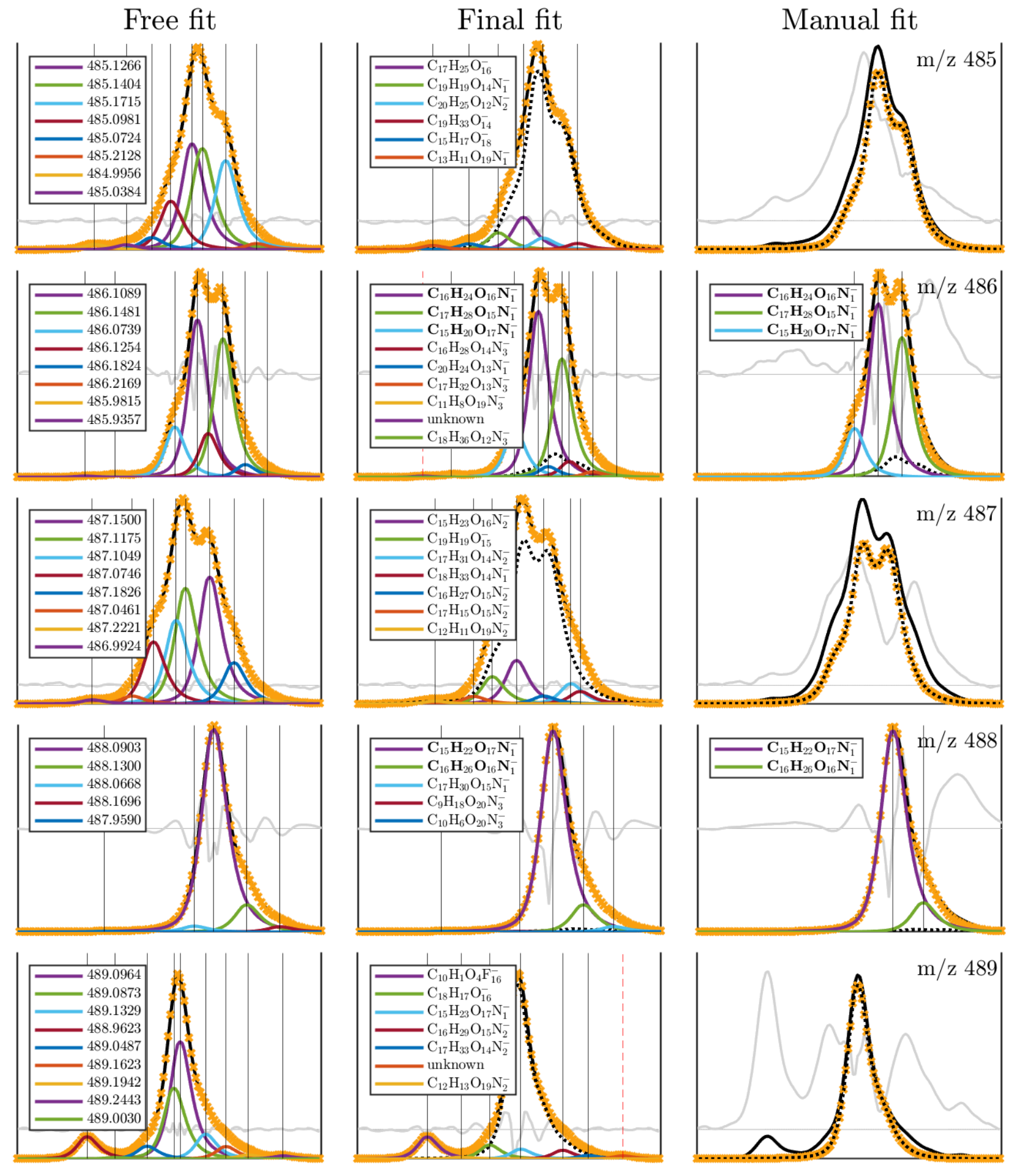

Free fit
Final fit
Manual fit
460.1829
460.0581
460.0968
460.0819
460.1369
460.1519
460.2340
459.9803
460.0128
$C_{20}H_{30}O_{11}N_1^-$
$C_{13}H_{18}O_{17}N_1^-$
$C_{14}H_{22}O_{16}N_1^-$
$C_{19}H_{26}O_{12}N_1^-$
$C_{15}H_{26}O_{15}N_1^-$
$C_{20}H_{34}O_9N_3^-$
$C_{10}H_{10}O_{18}N_3^-$
m/z 460
461.1851
461.0626
461.0961
461.1576
461.1333
461.0412
460.9938
461.2327
$C_{16}H_{31}O_{14}N_1^-$
$C_{19}H_{13}O_{12}N_2^-$
$C_{19}H_{25}O_{13}^-$
$C_{20}H_{17}O_{11}N_2^-$
$C_{14}H_9O_{16}N_2^-$
m/z 461
462.1592
462.1656
462.0741
462.2007
462.0390
462.1191
462.2398
461.9853
$C_{19}H_{28}O_{12}N_1^-$
$C_{13}H_{20}O_{17}N_1^-$
$C_{20}H_{32}O_{11}N_1^-$
$C_{12}H_{16}O_{18}N_1^-$
$C_{13}H_{24}O_{15}N_3^-$
unknown
unknown
$C_{18}H_{24}O_{13}N_1^-$
m/z 462
463.1677
463.1578
463.0814
463.2034
463.0716
463.1197
463.0404
463.2400
462.9627
462.9997
$C_{19}H_{27}O_{13}^-$
$C_{14}H_{25}O_{16}N_1^-$
$C_{14}H_{23}O_{17}^-$
$C_{20}H_{35}O_{10}N_2^-$
$C_{20}H_{31}O_{12}^-$
$C_{15}H_{11}O_{17}^-$
$C_9O_2F_{17}^-$
m/z 463
464.1396
464.1786
464.1501
464.2144
464.0568
464.0879
464.0351
463.9895
464.2554
$C_{18}H_{26}O_{13}N_1^-$
$C_{19}H_{30}O_{12}N_1^-$
$C_{20}H_{34}O_{11}N_1^-$
$C_{12}H_{18}O_{18}N_1^-$
$C_{17}H_{26}O_{12}N_3^-$
$C_{12}H_{22}O_{16}N_3^-$
$C_9H_{10}O_{19}N_3^-$
unknown
$C_{10}H_{14}O_{18}N_3^-$
$C_{17}H_{22}O_{14}N_1^-$
$C_{18}H_{22}O_1Cl_6^-$
m/z 464

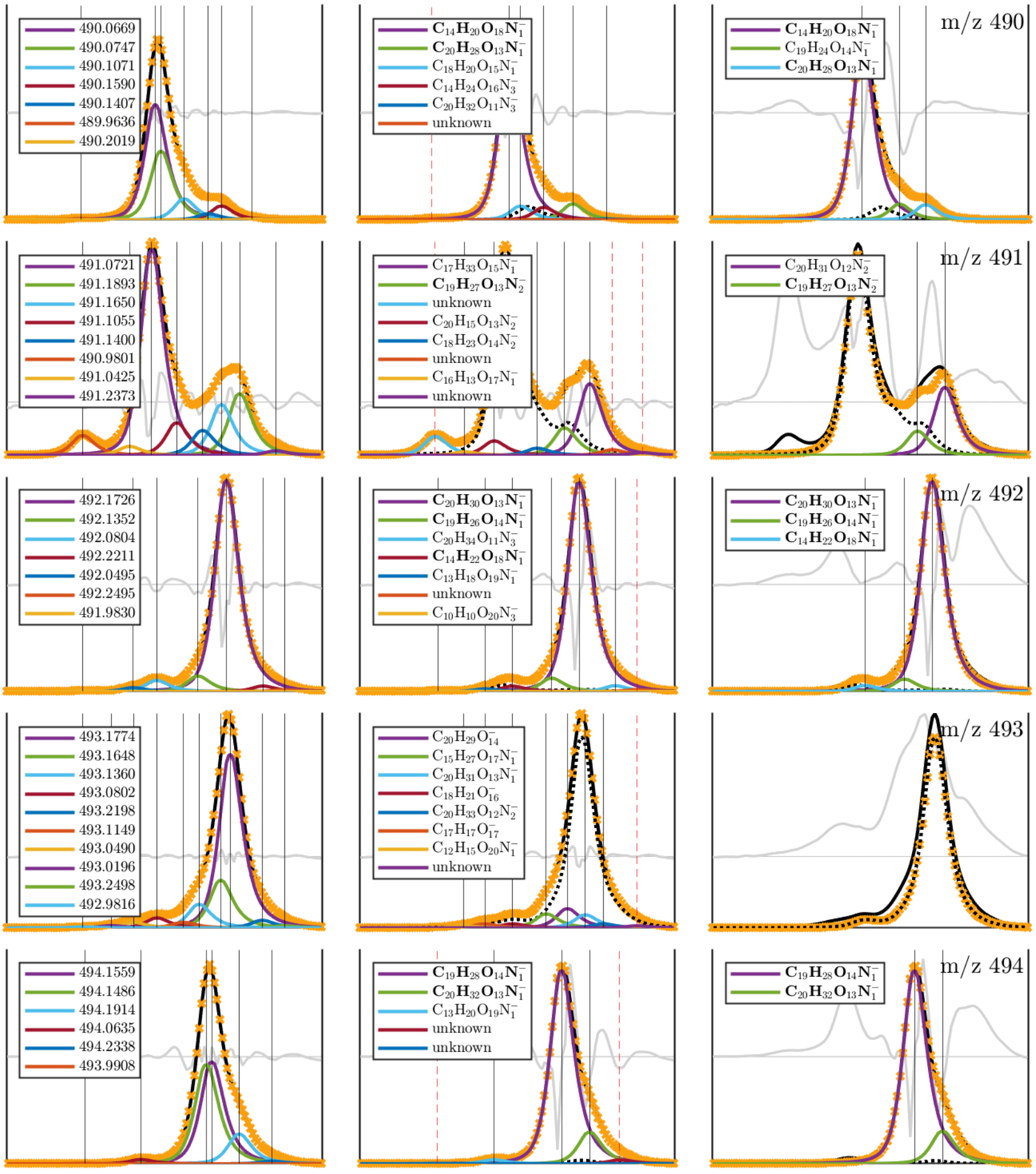

Free fit
Final fit
Manual fit
465.1468
465.1816
465.1330
465.2180
465.0263
465.0598
465.0948
465.0059
$C_{11}H_{15}O_{19}N_1^-$
$C_{18}H_{25}O_{14}^-$
$C_{18}H_{27}O_{13}N_1^-$
$C_{13}H_{23}O_{17}N_1^-$
$C_{12}H_{19}O_{18}N_1^-$
$C_{14}H_{11}O_{17}N_1^-$
m/z 465
466.1600
466.1202
466.1494
466.1946
466.0815
465.9874
466.2328
466.0409
$\mathbf{C_{18}H_{28}O_{13}N_1^-}$
$\mathbf{C_{17}H_{24}O_{14}N_1^-}$
$\mathbf{C_{19}H_{32}O_{12}N_1^-}$
$C_{17}H_{28}O_{12}N_3^-$
$C_{18}H_{32}O_{11}N_3^-$
$C_{12}H_8O_{17}N_3^-$
$\mathbf{C_{16}H_{20}O_{15}N_1^-}$
$C_{19}H_{36}O_{10}N_3^-$
$\mathbf{C_{10}H_{16}O_{18}N_3^-}$
$\mathbf{C_{18}H_{28}O_{13}N_1^-}$
$\mathbf{C_{17}H_{24}O_{14}N_1^-}$
$\mathbf{C_{19}H_{32}O_{12}N_1^-}$
$\mathbf{C_{16}H_{20}O_{15}N_1^-}$
$\mathbf{C_{10}H_{16}O_{18}N_3^-}$
m/z 466
467.1597
466.9817
467.1152
467.1346
467.1970
467.0837
467.0226
467.0602
467.2360
$C_{13}H_9O_{18}N_1^-$
$C_{18}H_{27}O_{14}^-$
$C_{20}H_{21}O_{12}N_1^-$
$C_{15}H_{19}O_{15}N_2^-$
$C_{18}H_{29}O_{13}N_1^-$
unknown
$C_{17}H_{11}O_{14}N_2^-$
$C_{15}H_{17}O_{16}N_1^-$
m/z 467
468.1328
468.1402
468.1757
468.0985
467.9829
468.2111
468.0620
468.0186
$\mathbf{C_{17}H_{26}O_{14}N_1^-}$
$\mathbf{C_{18}H_{30}O_{13}N_1^-}$
$\mathbf{C_{16}H_{22}O_{15}N_1^-}$
$C_{16}H_{26}O_{13}N_3^-$
$C_{19}H_{34}O_{12}N_1^-$
unknown
$C_8H_{10}O_{20}N_3^-$
$\mathbf{C_{17}H_{26}O_{14}N_1^-}$
$\mathbf{C_{18}H_{30}O_{13}N_1^-}$
$\mathbf{C_{16}H_{22}O_{15}N_1^-}$
m/z 468
469.1418
469.1300
469.1784
469.0754
469.0989
469.0419
468.9879
469.2143
$C_{20}H_{23}O_{12}N_1^-$
$C_{18}H_{17}O_{13}N_2^-$
$C_{19}H_{19}O_{13}N_1^-$
$C_{10}H_{17}O_{19}N_2^-$
$C_{18}H_{31}O_{13}N_1^-$
$C_{12}H_9O_{18}N_2^-$
m/z 469

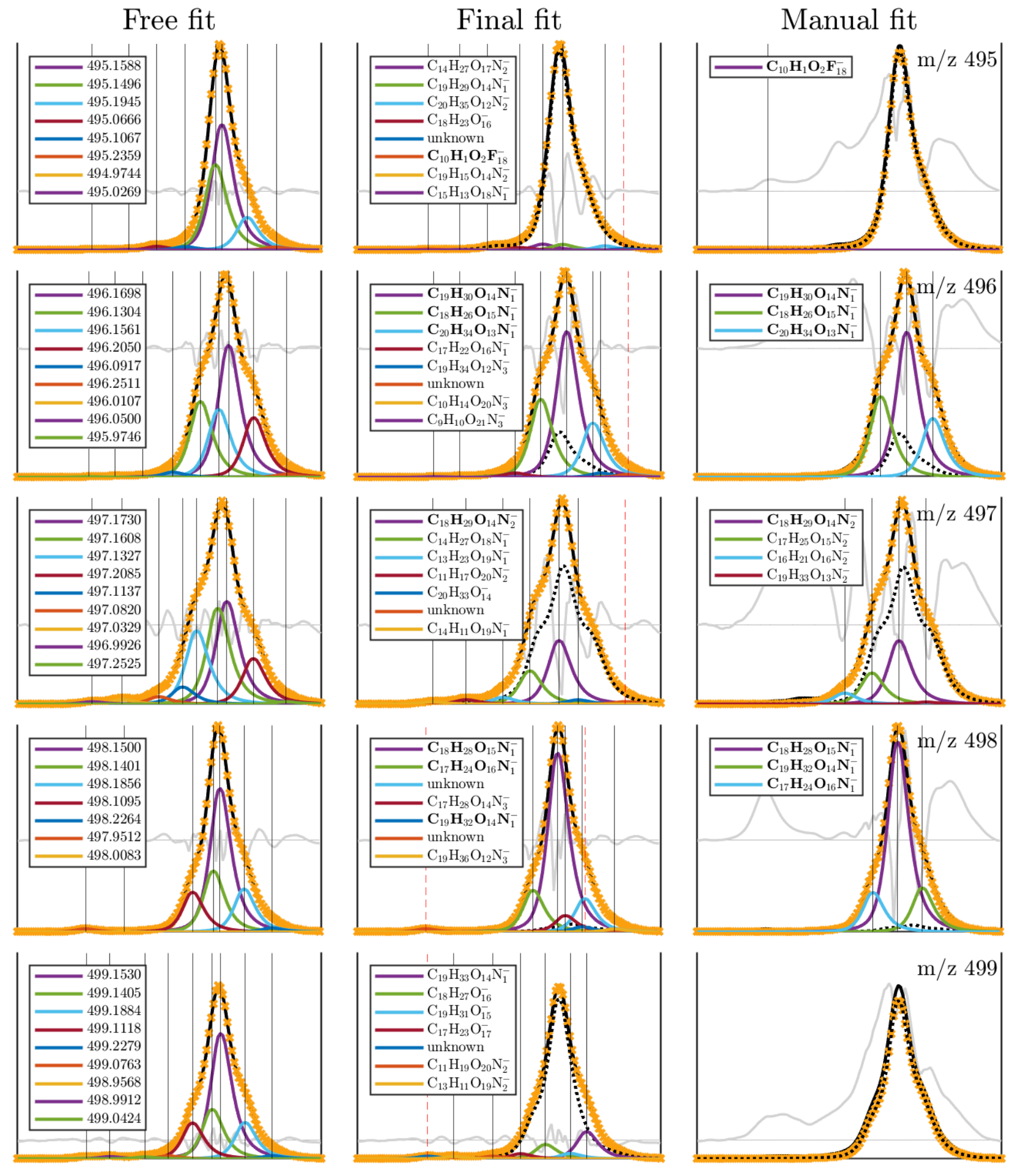

Free fit
Final fit
Manual fit
470.1141
470.1519
470.0791
470.1312
470.1860
469.9789
470.2151
470.0397
$C_{16}H_{24}O_{15}N_1^-$
$C_{17}H_{28}O_{14}N_1^-$
$C_{15}H_{20}O_{16}N_1^-$
$C_{11}H_8O_{18}N_3^-$
$C_{18}H_{32}O_{13}N_1^-$
m/z 470
471.1233
471.1543
471.1088
471.0788
471.0610
471.1905
470.9798
471.0210
$C_{18}H_{17}O_{14}N_1^-$
$C_{19}H_{21}O_{13}N_1^-$
$C_{19}H_{23}O_{12}N_2^-$
$C_{18}H_{15}O_{15}^-$
$C_{18}H_{31}O_{14}^-$
$C_{12}H_9O_{19}N_1^-$
m/z 471
472.0922
472.0988
472.1352
472.0587
472.1713
471.9778
$C_{15}H_{22}O_{16}N_1^-$
$C_{16}H_{26}O_{15}N_1^-$
$C_{14}H_{22}O_{15}N_3^-$
$C_{15}H_{26}O_{14}N_3^-$
$C_{14}H_{18}O_{17}N_1^-$
$C_{16}H_{30}O_{13}N_3^-$
$C_7H_{10}O_{21}N_3^-$
m/z 472
473.0999
473.0858
473.1383
473.0533
473.1727
472.9924
473.2391
$C_{18}H_{19}O_{14}N_1^-$
$C_{13}H_{17}O_{17}N_2^-$
$C_{12}H_{11}O_{19}N_1^-$
$C_{16}H_{25}O_{16}^-$
$C_{16}H_{29}O_{14}N_2^-$
$C_{17}H_{15}O_{15}N_1^-$
unknown
m/z 473
474.0731
474.1113
474.0876
474.1639
474.1486
474.2020
473.9763
$C_{14}H_{20}O_{17}N_1^-$
$C_{15}H_{24}O_{16}N_1^-$
$C_{20}H_{28}O_{12}N_1^-$
$C_{14}H_{24}O_{15}N_3^-$
$C_{13}H_{20}O_{16}N_3^-$
$C_{20}H_{32}O_{10}N_3^-$
$C_{11}H_8O_{20}N_1^-$
m/z 474

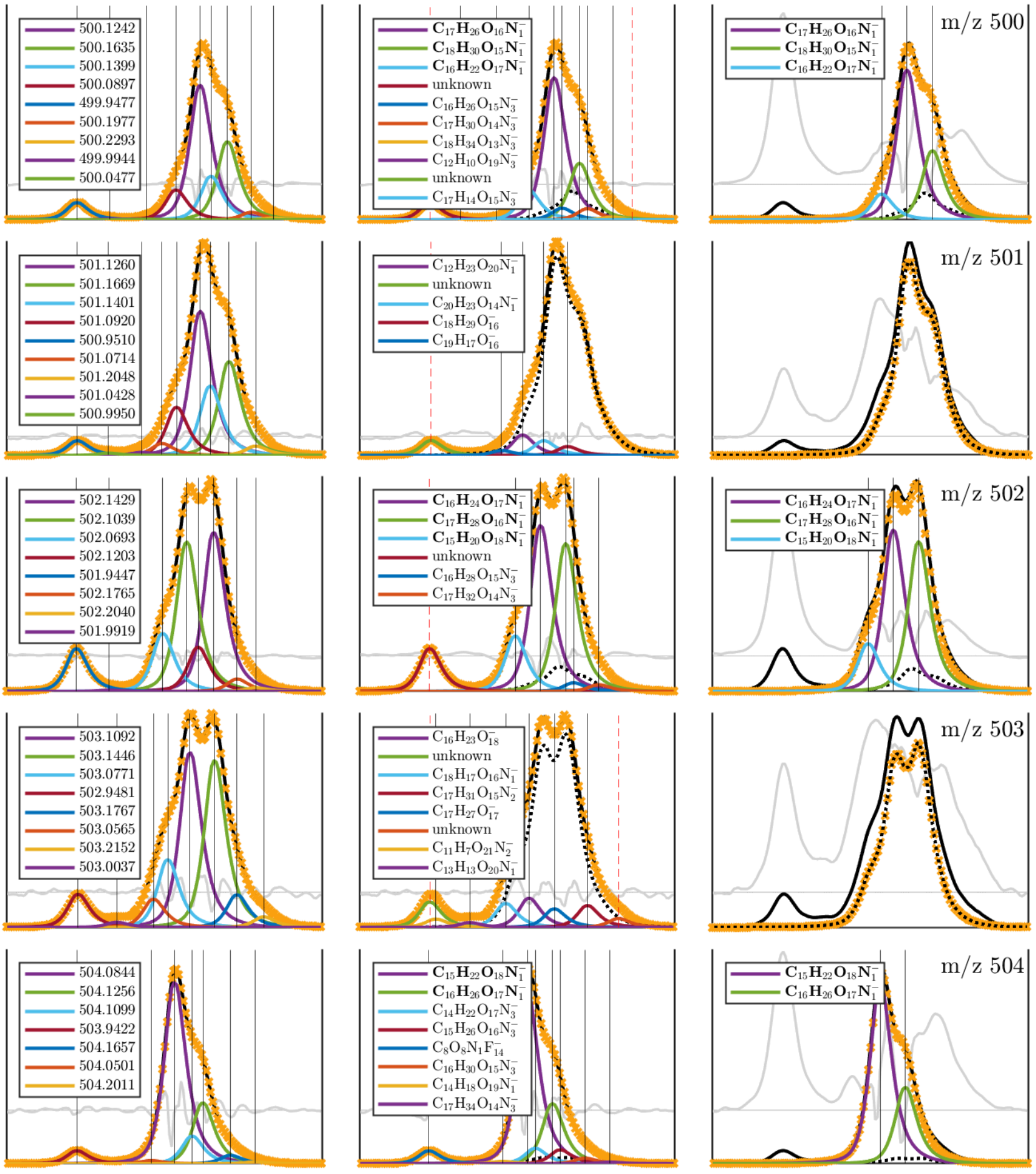

Free fit
Final fit
Manual fit
475.0760
475.1172
475.1017
475.1449
475.1670
475.1934
475.0365
474.9896
475.2412
$C_{20}H_{27}O_{13}^-$
$C_{20}H_{15}O_{12}N_2^-$
$C_{17}H_{33}O_{14}N_1^-$
$C_{15}H_{25}O_{16}N_1^-$
$C_{15}H_{23}O_{17}^-$
$C_{12}H_{15}O_{18}N_2^-$
$C_{10}H_3O_3F_{16}^-$
unknown
m/z 475
476.1776
476.1406
476.0895
476.0543
476.2260
475.9651
476.2534
$\mathbf{C_{20}H_{30}O_{12}N_1^-}$
$\mathbf{C_{19}H_{26}O_{13}N_1^-}$
$\mathbf{C_{14}H_{22}O_{17}N_1^-}$
$\mathbf{C_{13}H_{18}O_{18}N_1^-}$
$C_{20}H_{34}O_{10}N_3^-$
$C_8H_1O_5N_1F_{15}^-$
unknown
m/z 476
477.1826
477.1690
477.1413
477.0870
477.0527
477.1038
477.2240
476.9671
477.0265
477.2552
unknown
$C_{15}H_{29}O_{15}N_2^-$
$C_{14}H_{25}O_{16}N_2^-$
$C_{19}H_{13}O_{13}N_2^-$
unknown
$C_{17}H_{19}O_{15}N_1^-$
unknown
m/z 477
478.1557
478.1940
478.1698
478.0702
478.2393
478.1134
478.0482
478.2643
478.0054
477.9681
$\mathbf{C_{19}H_{28}O_{13}N_1^-}$
$\mathbf{C_{20}H_{32}O_{12}N_1^-}$
$C_{13}H_{20}O_{18}N_1^-$
$C_{20}H_{36}O_{10}N_3^-$
$C_{18}H_{28}O_{12}N_3^-$
$C_{18}H_{24}O_{14}N_1^-$
$C_{15}H_{12}O_{17}N_1^-$
$C_9H_8O_{20}N_3^-$
unknown
m/z 478
479.1623
479.1969
479.1477
479.1052
479.0704
479.2484
479.0370
478.9828
$C_{15}H_{29}O_{16}N_1^-$
$C_{18}H_{23}O_{15}^-$
$C_{20}H_{33}O_{12}N_1^-$
$C_{12}H_{17}O_{19}N_1^-$
$C_{14}H_9O_{18}N_1^-$
$C_{17}H_{19}O_{16}^-$
m/z 479

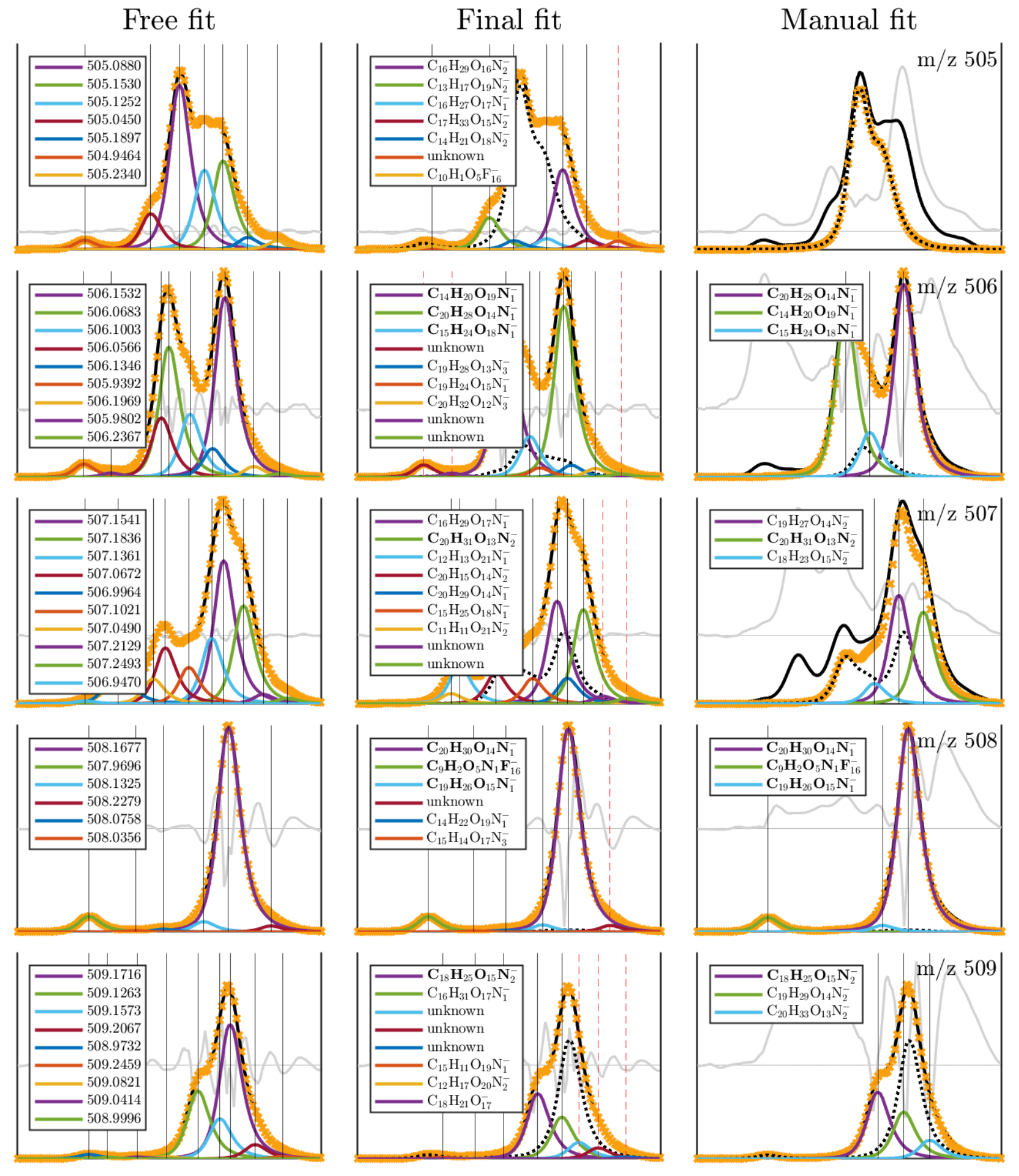

Free fit
Final fit
Manual fit
480.1752
480.1356
480.1632
480.2100
480.0965
480.0045
480.2493
480.0491
479.9734
$C_{19}H_{30}O_{13}N_1^-$
$C_{18}H_{26}O_{14}N_1^-$
$C_{20}H_{34}O_{12}N_1^-$
$C_{17}H_{22}O_{15}N_1^-$
unknown
$C_{13}H_{10}O_{17}N_3^-$
$C_{12}H_{18}O_{19}N_1^-$
unknown
m/z 480
481.1747
481.1628
481.1355
481.2138
481.1102
481.0814
481.0376
481.0020
481.2489
$C_{18}H_{29}O_{13}N_2^-$
$C_{14}H_{27}O_{17}N_1^-$
$C_{19}H_{31}O_{13}N_1^-$
$C_{13}H_{23}O_{18}N_1^-$
$C_{15}H_{15}O_{17}N_1^-$
unknown
$C_{17}H_{25}O_{14}N_2^-$
$C_{16}H_{21}O_{15}N_2^-$
m/z 481
482.1153
482.1478
482.1588
482.1894
482.2262
482.0792
482.0001
481.9640
$C_{18}H_{28}O_{14}N_1^-$
$C_{17}H_{24}O_{15}N_1^-$
$C_{19}H_{32}O_{13}N_1^-$
$C_{20}H_{36}O_{12}N_1^-$
$C_{16}H_{20}O_{16}N_1^-$
$C_9H_{12}O_{20}N_3^-$
$C_{13}H_8O_{19}N_1^-$
m/z 482
483.1582
483.1172
483.1429
483.1913
483.0533
483.0892
483.2263
483.0116
482.9785
$C_{18}H_{27}O_{15}^-$
$C_{17}H_{23}O_{16}^-$
$C_{18}H_{15}O_{14}N_2^-$
$C_{18}H_{29}O_{14}N_1^-$
$C_{18}H_{11}O_{16}^-$
$C_8H_9O_7F_{14}^-$
m/z 483
484.1273
484.1683
484.1381
484.0948
484.2057
483.9948
484.2325
484.0563
483.9630
$C_{17}H_{26}O_{15}N_1^-$
$C_{18}H_{30}O_{14}N_1^-$
$C_{16}H_{22}O_{16}N_1^-$
$C_{18}H_{34}O_{12}N_3^-$
$C_{12}H_{10}O_{18}N_3^-$
$C_9H_3O_7N_1F_{13}^-$
unknown
m/z 484

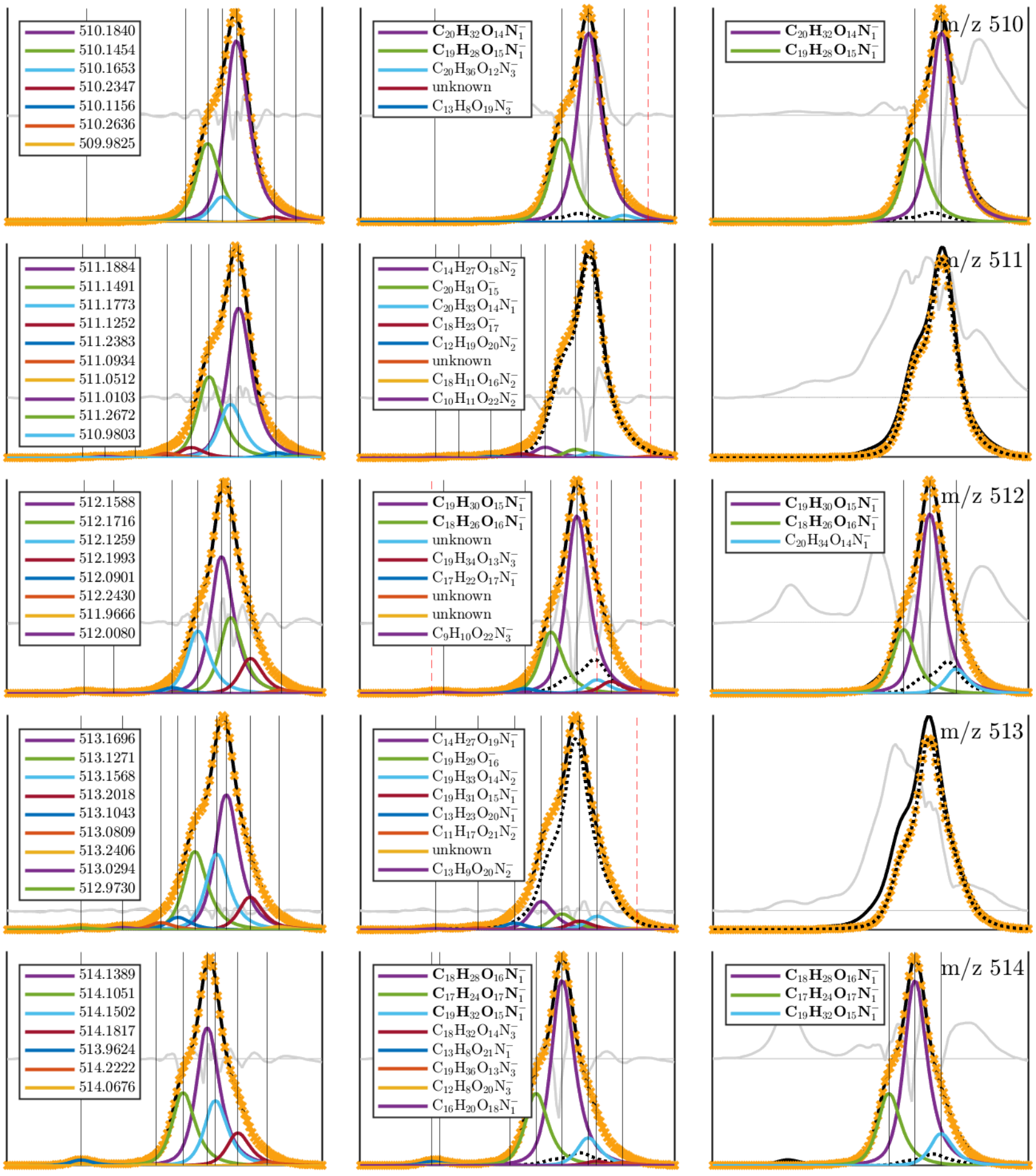

Free fit
Final fit
Manual fit
485.1266
485.1404
485.1715
485.0981
485.0724
485.2128
484.9956
485.0384
$C_{17}H_{25}O_{16}^-$
$C_{19}H_{19}O_{14}N_1^-$
$C_{20}H_{25}O_{12}N_2^-$
$C_{19}H_{33}O_{14}^-$
$C_{15}H_{17}O_{18}^-$
$C_{13}H_{11}O_{19}N_1^-$
m/z 485
486.1089
486.1481
486.0739
486.1254
486.1824
486.2169
485.9815
485.9357
$\mathbf{C_{16}H_{24}O_{16}N_1^-}$
$\mathbf{C_{17}H_{28}O_{15}N_1^-}$
$\mathbf{C_{15}H_{20}O_{17}N_1^-}$
$C_{16}H_{28}O_{14}N_3^-$
$C_{20}H_{24}O_{13}N_1^-$
$C_{17}H_{32}O_{13}N_3^-$
$C_{11}H_8O_{19}N_3^-$
unknown
$C_{18}H_{36}O_{12}N_3^-$
m/z 486
487.1500
487.1175
487.1049
487.0746
487.1826
487.0461
487.2221
486.9924
$C_{15}H_{23}O_{16}N_2^-$
$C_{19}H_{19}O_{15}^-$
$C_{17}H_{31}O_{14}N_2^-$
$C_{18}H_{33}O_{14}N_1^-$
$C_{16}H_{27}O_{15}N_2^-$
$C_{17}H_{15}O_{15}N_2^-$
$C_{12}H_{11}O_{19}N_2^-$
m/z 487
488.0903
488.1300
488.0668
488.1696
487.9590
$\mathbf{C_{15}H_{22}O_{17}N_1^-}$
$\mathbf{C_{16}H_{26}O_{16}N_1^-}$
$C_{17}H_{30}O_{15}N_1^-$
$C_9H_{18}O_{20}N_3^-$
$C_{10}H_6O_{20}N_3^-$
m/z 488
489.0964
489.0873
489.1329
488.9623
489.0487
489.1623
489.1942
489.2443
489.0030
$C_{10}H_1O_4F_{16}^-$
$C_{18}H_{17}O_{16}^-$
$C_{15}H_{23}O_{17}N_1^-$
$C_{16}H_{29}O_{15}N_2^-$
$C_{17}H_{33}O_{14}N_2^-$
unknown
$C_{12}H_{13}O_{19}N_2^-$
m/z 489

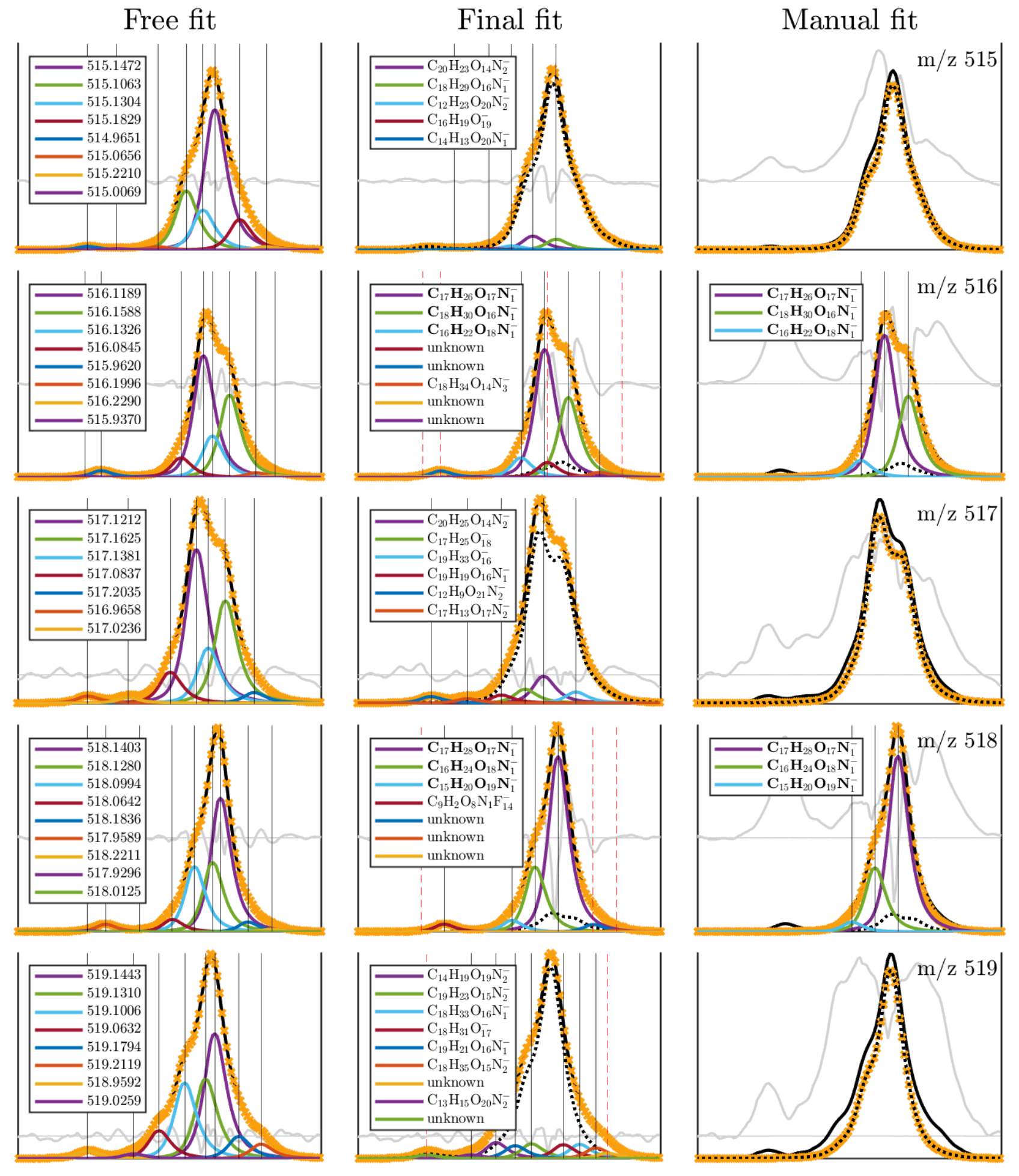

Free fit
Final fit
Manual fit
490.0669
490.0747
490.1071
490.1590
490.1407
489.9636
490.2019
C14H20O18N1−
C20H28O13N1−
C18H20O15N1−
C14H24O16N3−
C20H32O11N3−
unknown
C14H20O18N1−
C19H24O14N1−
C20H28O13N1−
m/z 490
491.0721
491.1893
491.1650
491.1055
491.1400
490.9801
491.0425
491.2373
C17H33O15N1−
C19H27O13N2−
unknown
C20H15O13N2−
C18H23O14N2−
unknown
C16H13O17N1−
unknown
C20H31O12N2−
C19H27O13N2−
m/z 491
492.1726
492.1352
492.0804
492.2211
492.0495
492.2495
491.9830
C20H30O13N1−
C19H26O14N1−
C20H34O11N3−
C14H22O18N1−
C13H18O19N1−
unknown
C10H10O20N3−
C20H30O13N1−
C19H26O14N1−
C14H22O18N1−
m/z 492
493.1774
493.1648
493.1360
493.0802
493.2198
493.1149
493.0490
493.0196
493.2498
492.9816
C20H29O14−
C15H27O17N1−
C20H31O13N1−
C18H21O16−
C20H33O12N2−
C17H17O17−
C12H15O20N1−
unknown
m/z 493
494.1559
494.1486
494.1914
494.0635
494.2338
493.9908
C19H28O14N1−
C20H32O13N1−
C13H20O19N1−
unknown
unknown
C19H28O14N1−
C20H32O13N1−
m/z 494

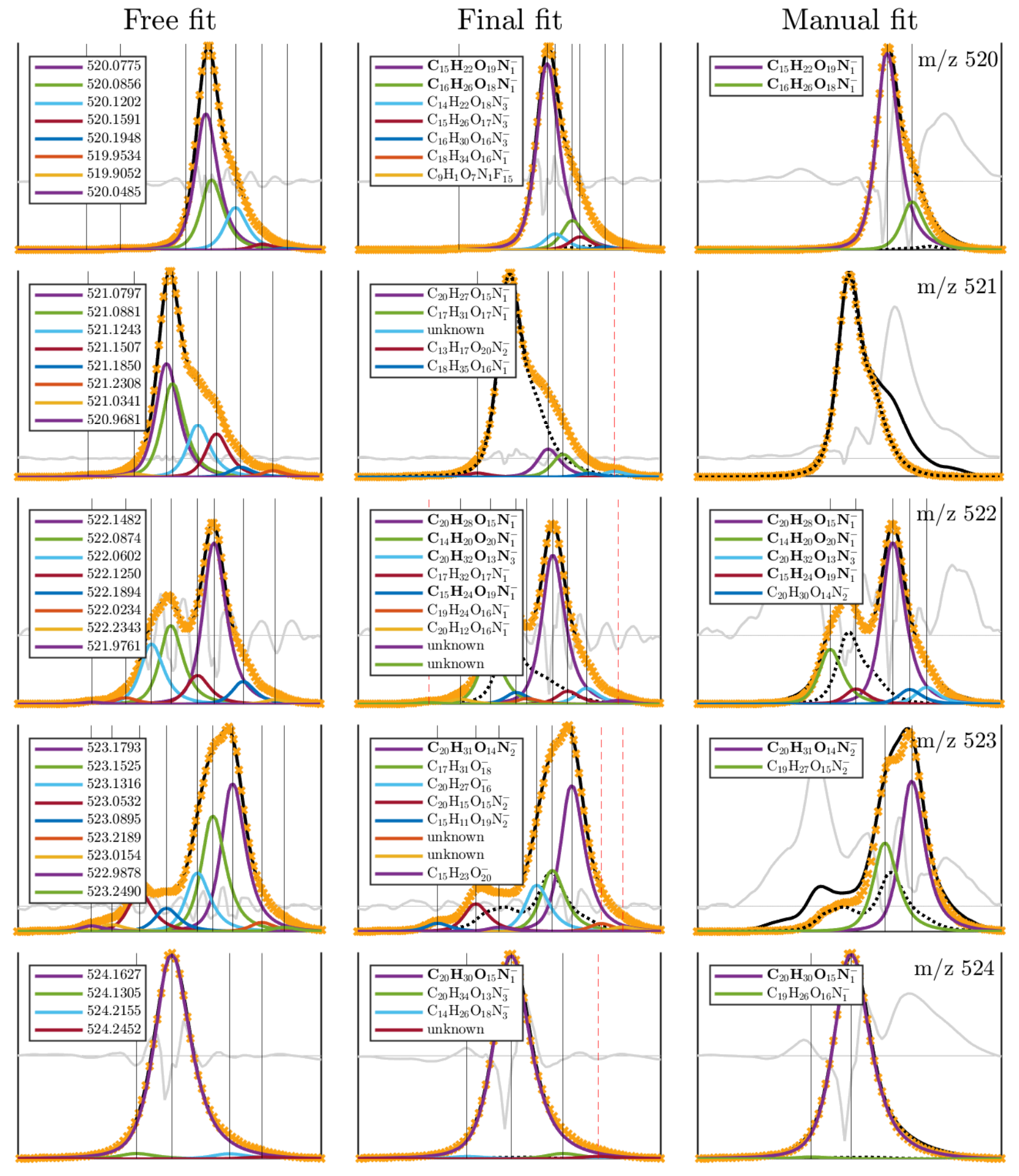

Free fit
Final fit
Manual fit
495.1588
495.1496
495.1945
495.0666
495.1067
495.2359
494.9744
495.0269
$C_{14}H_{27}O_{17}N_2^-$
$C_{19}H_{29}O_{14}N_1^-$
$C_{20}H_{35}O_{12}N_2^-$
$C_{18}H_{23}O_{16}^-$
unknown
$\mathbf{C_{10}H_1O_2F_{18}^-}$
$C_{19}H_{15}O_{14}N_2^-$
$C_{15}H_{13}O_{18}N_1^-$
$\mathbf{C_{10}H_1O_2F_{18}^-}$
m/z 495
496.1698
496.1304
496.1561
496.2050
496.0917
496.2511
496.0107
496.0500
495.9746
$\mathbf{C_{19}H_{30}O_{14}N_1^-}$
$\mathbf{C_{18}H_{26}O_{15}N_1^-}$
$\mathbf{C_{20}H_{34}O_{13}N_1^-}$
$C_{17}H_{22}O_{16}N_1^-$
$C_{19}H_{34}O_{12}N_3^-$
unknown
$C_{10}H_{14}O_{20}N_3^-$
$C_9H_{10}O_{21}N_3^-$
$\mathbf{C_{19}H_{30}O_{14}N_1^-}$
$\mathbf{C_{18}H_{26}O_{15}N_1^-}$
$\mathbf{C_{20}H_{34}O_{13}N_1^-}$
m/z 496
497.1730
497.1608
497.1327
497.2085
497.1137
497.0820
497.0329
496.9926
497.2525
$\mathbf{C_{18}H_{29}O_{14}N_2^-}$
$C_{14}H_{27}O_{18}N_1^-$
$C_{13}H_{23}O_{19}N_1^-$
$C_{11}H_{17}O_{20}N_2^-$
$C_{20}H_{33}O_{14}^-$
unknown
$C_{14}H_{11}O_{19}N_1^-$
$\mathbf{C_{18}H_{29}O_{14}N_2^-}$
$C_{17}H_{25}O_{15}N_2^-$
$C_{16}H_{21}O_{16}N_2^-$
$C_{19}H_{33}O_{13}N_2^-$
m/z 497
498.1500
498.1401
498.1856
498.1095
498.2264
497.9512
498.0083
$\mathbf{C_{18}H_{28}O_{15}N_1^-}$
$\mathbf{C_{17}H_{24}O_{16}N_1^-}$
unknown
$C_{17}H_{28}O_{14}N_3^-$
$\mathbf{C_{19}H_{32}O_{14}N_1^-}$
unknown
$C_{19}H_{36}O_{12}N_3^-$
$\mathbf{C_{18}H_{28}O_{15}N_1^-}$
$\mathbf{C_{19}H_{32}O_{14}N_1^-}$
$\mathbf{C_{17}H_{24}O_{16}N_1^-}$
m/z 498
499.1530
499.1405
499.1884
499.1118
499.2279
499.0763
498.9568
498.9912
499.0424
$C_{19}H_{33}O_{14}N_1^-$
$C_{18}H_{27}O_{16}^-$
$C_{19}H_{31}O_{15}^-$
$C_{17}H_{23}O_{17}^-$
unknown
$C_{11}H_{19}O_{20}N_2^-$
$C_{13}H_{11}O_{19}N_2^-$
m/z 499

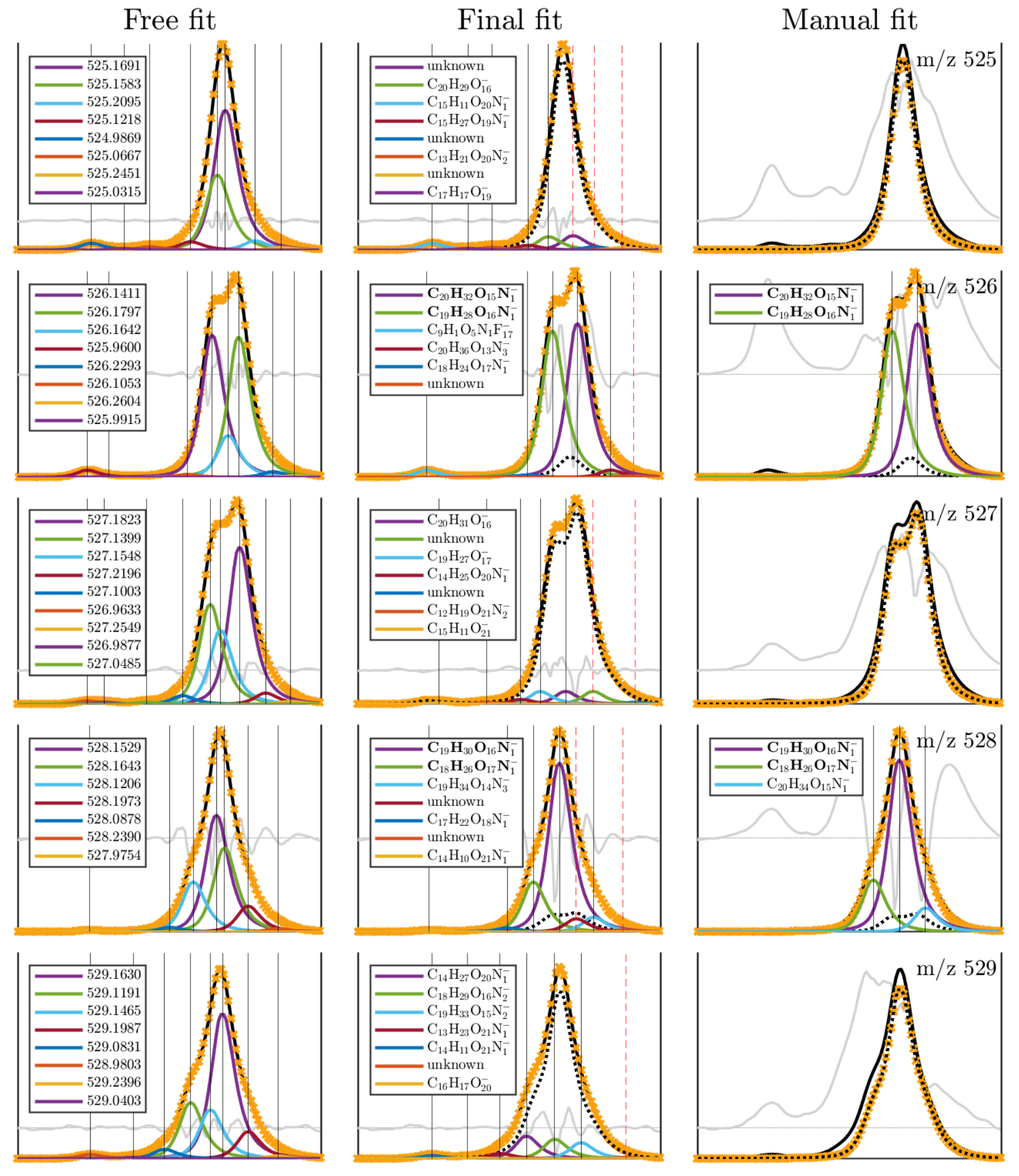

Free fit
Final fit
Manual fit
500.1242
500.1635
500.1399
500.0897
499.9477
500.1977
500.2293
499.9944
500.0477
$C_{17}H_{26}O_{16}N_1^-$
$C_{18}H_{30}O_{15}N_1^-$
$C_{16}H_{22}O_{17}N_1^-$
unknown
$C_{16}H_{26}O_{15}N_3^-$
$C_{17}H_{30}O_{14}N_3^-$
$C_{18}H_{34}O_{13}N_3^-$
$C_{12}H_{10}O_{19}N_3^-$
unknown
$C_{17}H_{14}O_{15}N_3^-$
m/z 500
501.1260
501.1669
501.1401
501.0920
500.9510
501.0714
501.2048
501.0428
500.9950
$C_{12}H_{23}O_{20}N_1^-$
unknown
$C_{20}H_{23}O_{14}N_1^-$
$C_{18}H_{29}O_{16}^-$
$C_{19}H_{17}O_{16}^-$
m/z 501
502.1429
502.1039
502.0693
502.1203
501.9447
502.1765
502.2040
501.9919
$C_{16}H_{24}O_{17}N_1^-$
$C_{17}H_{28}O_{16}N_1^-$
$C_{15}H_{20}O_{18}N_1^-$
unknown
$C_{16}H_{28}O_{15}N_3^-$
$C_{17}H_{32}O_{14}N_3^-$
m/z 502
503.1092
503.1446
503.0771
502.9481
503.1767
503.0565
503.2152
503.0037
$C_{16}H_{23}O_{18}^-$
unknown
$C_{18}H_{17}O_{16}N_1^-$
$C_{17}H_{31}O_{15}N_2^-$
$C_{17}H_{27}O_{17}^-$
unknown
$C_{11}H_7O_{21}N_2^-$
$C_{13}H_{13}O_{20}N_1^-$
m/z 503
504.0844
504.1256
504.1099
503.9422
504.1657
504.0501
504.2011
$C_{15}H_{22}O_{18}N_1^-$
$C_{16}H_{26}O_{17}N_1^-$
$C_{14}H_{22}O_{17}N_3^-$
$C_{15}H_{26}O_{16}N_3^-$
$C_8O_8N_1F_{14}^-$
$C_{16}H_{30}O_{15}N_3^-$
$C_{14}H_{18}O_{19}N_1^-$
$C_{17}H_{34}O_{14}N_3^-$
m/z 504

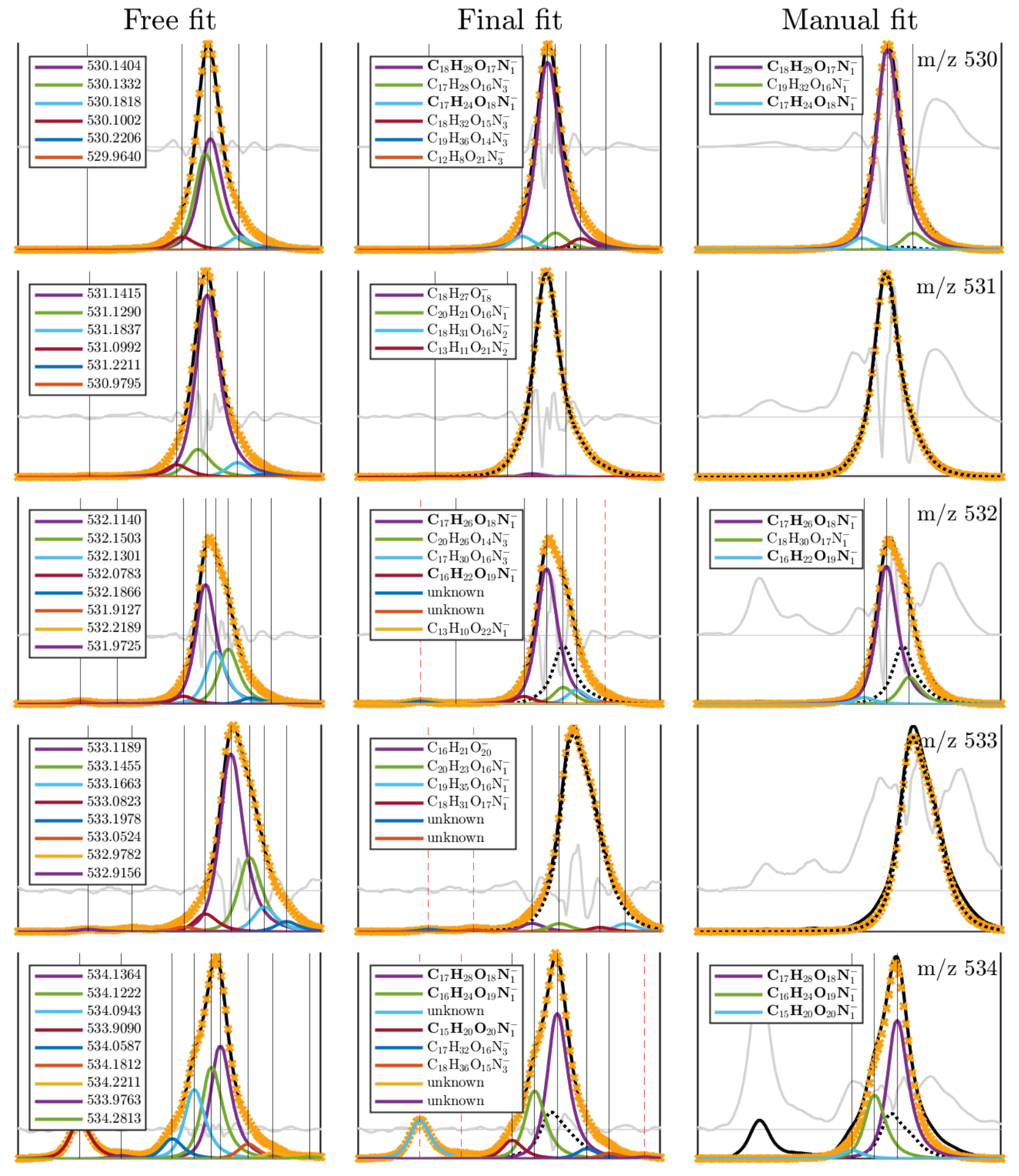

Free fit
Final fit
Manual fit
505.0880
505.1530
505.1252
505.0450
505.1897
504.9464
505.2340
$C_{16}H_{29}O_{16}N_2^-$
$C_{13}H_{17}O_{19}N_2^-$
$C_{16}H_{27}O_{17}N_1^-$
$C_{17}H_{33}O_{15}N_2^-$
$C_{14}H_{21}O_{18}N_2^-$
unknown
$C_{10}H_1O_5F_{16}^-$
m/z 505
506.1532
506.0683
506.1003
506.0566
506.1346
505.9392
506.1969
505.9802
506.2367
$\mathbf{C_{14}H_{20}O_{19}N_1^-}$
$\mathbf{C_{20}H_{28}O_{14}N_1^-}$
$\mathbf{C_{15}H_{24}O_{18}N_1^-}$
unknown
$C_{19}H_{28}O_{13}N_3^-$
$C_{19}H_{24}O_{15}N_1^-$
$C_{20}H_{32}O_{12}N_3^-$
unknown
unknown
m/z 506
507.1541
507.1836
507.1361
507.0672
506.9964
507.1021
507.0490
507.2129
507.2493
506.9470
$C_{16}H_{29}O_{17}N_1^-$
$\mathbf{C_{20}H_{31}O_{13}N_2^-}$
$C_{12}H_{13}O_{21}N_1^-$
$C_{20}H_{15}O_{14}N_2^-$
$C_{20}H_{29}O_{14}N_1^-$
$C_{15}H_{25}O_{18}N_1^-$
$C_{11}H_{11}O_{21}N_2^-$
unknown
unknown
$C_{19}H_{27}O_{14}N_2^-$
$\mathbf{C_{20}H_{31}O_{13}N_2^-}$
$C_{18}H_{23}O_{15}N_2^-$
m/z 507
508.1677
507.9696
508.1325
508.2279
508.0758
508.0356
$\mathbf{C_{20}H_{30}O_{14}N_1^-}$
$\mathbf{C_9H_2O_5N_1F_{16}^-}$
$\mathbf{C_{19}H_{26}O_{15}N_1^-}$
unknown
$C_{14}H_{22}O_{19}N_1^-$
$C_{15}H_{14}O_{17}N_3^-$
$\mathbf{C_{20}H_{30}O_{14}N_1^-}$
$\mathbf{C_9H_2O_5N_1F_{16}^-}$
$\mathbf{C_{19}H_{26}O_{15}N_1^-}$
m/z 508
509.1716
509.1263
509.1573
509.2067
508.9732
509.2459
509.0821
509.0414
508.9996
$\mathbf{C_{18}H_{25}O_{15}N_2^-}$
$C_{16}H_{31}O_{17}N_1^-$
unknown
unknown
unknown
$C_{15}H_{11}O_{19}N_1^-$
$C_{12}H_{17}O_{20}N_2^-$
$C_{18}H_{21}O_{17}^-$
$\mathbf{C_{18}H_{25}O_{15}N_2^-}$
$C_{19}H_{29}O_{14}N_2^-$
$C_{20}H_{33}O_{13}N_2^-$
m/z 509

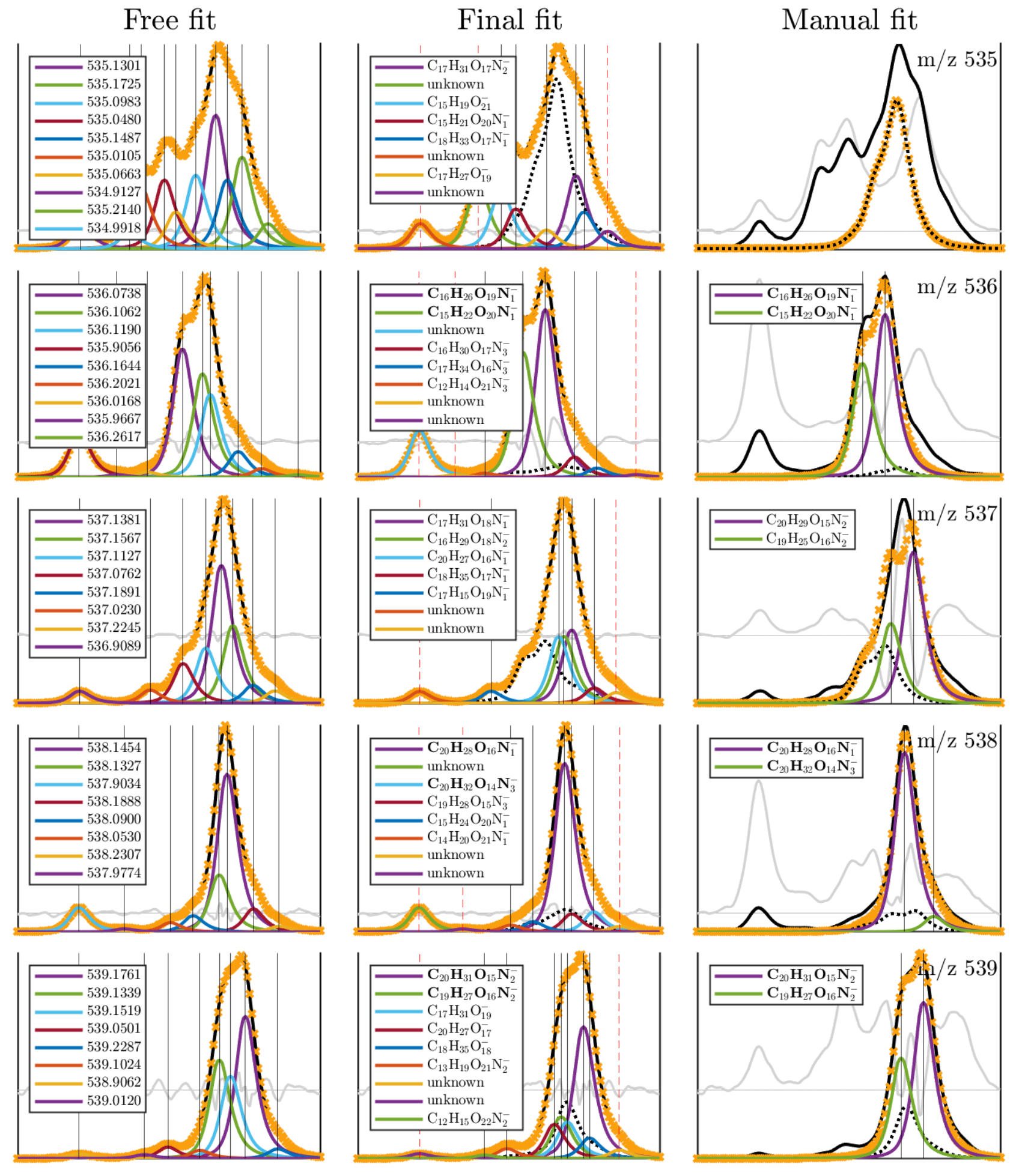

Free fit
Final fit
Manual fit
510.1840
510.1454
510.1653
510.2347
510.1156
510.2636
509.9825
$C_{20}H_{32}O_{14}N_1^-$
$C_{19}H_{28}O_{15}N_1^-$
$C_{20}H_{36}O_{12}N_3^-$
unknown
$C_{13}H_8O_{19}N_3^-$
m/z 510
511.1884
511.1491
511.1773
511.1252
511.2383
511.0934
511.0512
511.0103
511.2672
510.9803
$C_{14}H_{27}O_{18}N_2^-$
$C_{20}H_{31}O_{15}^-$
$C_{20}H_{33}O_{14}N_1^-$
$C_{18}H_{23}O_{17}^-$
$C_{12}H_{19}O_{20}N_2^-$
unknown
$C_{18}H_{11}O_{16}N_2^-$
$C_{10}H_{11}O_{22}N_2^-$
m/z 511
512.1588
512.1716
512.1259
512.1993
512.0901
512.2430
511.9666
512.0080
$C_{19}H_{30}O_{15}N_1^-$
$C_{18}H_{26}O_{16}N_1^-$
unknown
$C_{19}H_{34}O_{13}N_3^-$
$C_{17}H_{22}O_{17}N_1^-$
unknown
unknown
$C_9H_{10}O_{22}N_3^-$
$C_{19}H_{30}O_{15}N_1^-$
$C_{18}H_{26}O_{16}N_1^-$
$C_{20}H_{34}O_{14}N_1^-$
m/z 512
513.1696
513.1271
513.1568
513.2018
513.1043
513.0809
513.2406
513.0294
512.9730
$C_{14}H_{27}O_{19}N_1^-$
$C_{19}H_{29}O_{16}^-$
$C_{19}H_{33}O_{14}N_2^-$
$C_{19}H_{31}O_{15}N_1^-$
$C_{13}H_{23}O_{20}N_1^-$
$C_{11}H_{17}O_{21}N_2^-$
unknown
$C_{13}H_9O_{20}N_2^-$
m/z 513
514.1389
514.1051
514.1502
514.1817
513.9624
514.2222
514.0676
$C_{18}H_{28}O_{16}N_1^-$
$C_{17}H_{24}O_{17}N_1^-$
$C_{19}H_{32}O_{15}N_1^-$
$C_{18}H_{32}O_{14}N_3^-$
$C_{13}H_8O_{21}N_1^-$
$C_{19}H_{36}O_{13}N_3^-$
$C_{12}H_8O_{20}N_3^-$
$C_{16}H_{20}O_{18}N_1^-$
$C_{18}H_{28}O_{16}N_1^-$
$C_{17}H_{24}O_{17}N_1^-$
$C_{19}H_{32}O_{15}N_1^-$
m/z 514

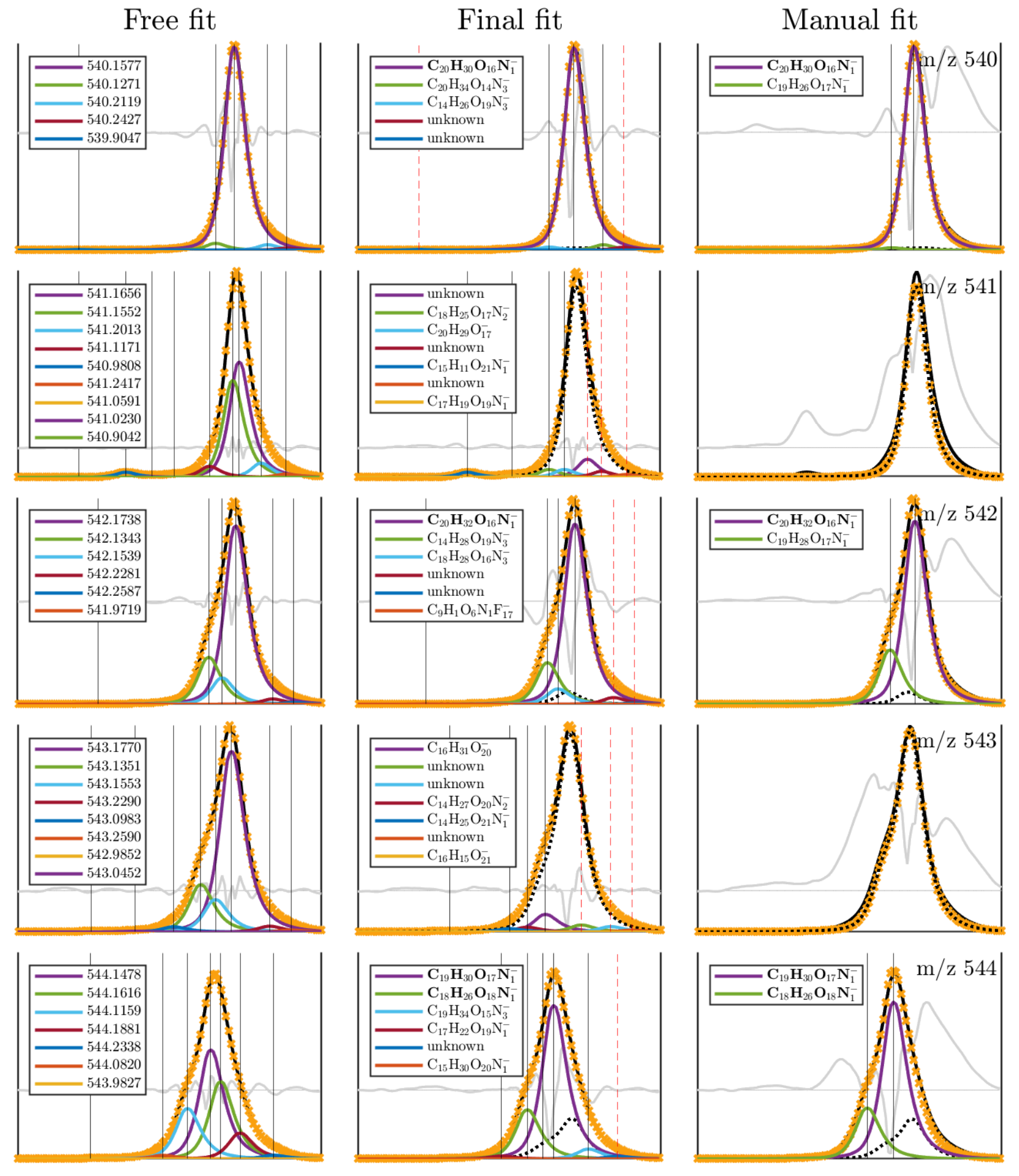

Free fit
Final fit
Manual fit
515.1472
515.1063
515.1304
515.1829
514.9651
515.0656
515.2210
515.0069
$C_{20}H_{23}O_{14}N_2^-$
$C_{18}H_{29}O_{16}N_1^-$
$C_{12}H_{23}O_{20}N_2^-$
$C_{16}H_{19}O_{19}^-$
$C_{14}H_{13}O_{20}N_1^-$
m/z 515
516.1189
516.1588
516.1326
516.0845
515.9620
516.1996
516.2290
515.9370
$\mathbf{C_{17}H_{26}O_{17}N_1^-}$
$\mathbf{C_{18}H_{30}O_{16}N_1^-}$
$\mathbf{C_{16}H_{22}O_{18}N_1^-}$
unknown
unknown
$C_{18}H_{34}O_{14}N_3^-$
unknown
unknown
m/z 516
517.1212
517.1625
517.1381
517.0837
517.2035
516.9658
517.0236
$C_{20}H_{25}O_{14}N_2^-$
$C_{17}H_{25}O_{18}^-$
$C_{19}H_{33}O_{16}^-$
$C_{19}H_{19}O_{16}N_1^-$
$C_{12}H_9O_{21}N_2^-$
$C_{17}H_{13}O_{17}N_2^-$
m/z 517
518.1403
518.1280
518.0994
518.0642
518.1836
517.9589
518.2211
517.9296
518.0125
$\mathbf{C_{17}H_{28}O_{17}N_1^-}$
$\mathbf{C_{16}H_{24}O_{18}N_1^-}$
$\mathbf{C_{15}H_{20}O_{19}N_1^-}$
$C_9H_2O_8N_1F_{14}^-$
unknown
unknown
unknown
m/z 518
519.1443
519.1310
519.1006
519.0632
519.1794
519.2119
518.9592
519.0259
$C_{14}H_{19}O_{19}N_2^-$
$C_{19}H_{23}O_{15}N_2^-$
$C_{18}H_{33}O_{16}N_1^-$
$C_{18}H_{31}O_{17}^-$
$C_{19}H_{21}O_{16}N_1^-$
$C_{18}H_{35}O_{15}N_2^-$
unknown
$C_{13}H_{15}O_{20}N_2^-$
unknown
m/z 519

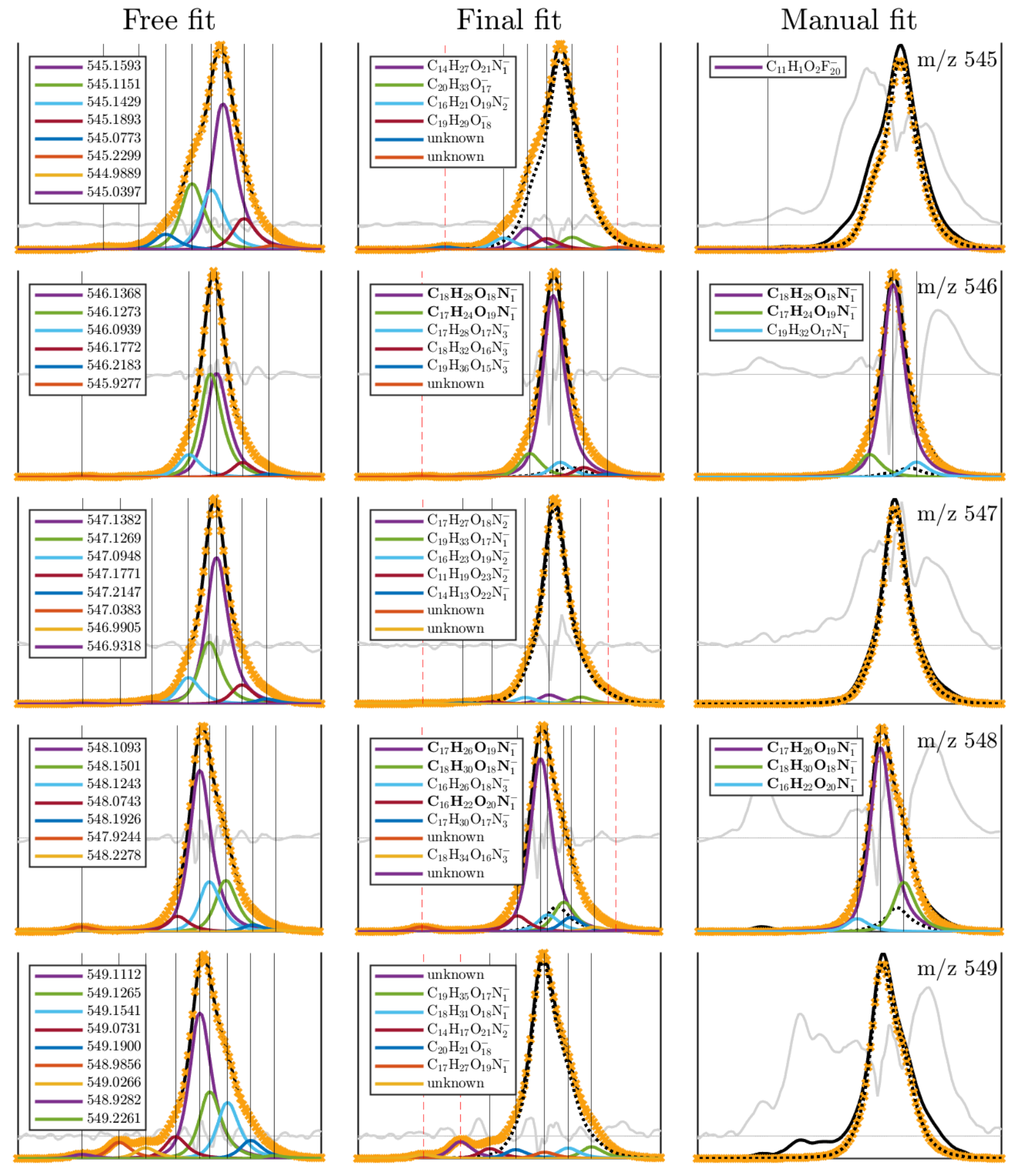

Free fit
Final fit
Manual fit
520.0775
520.0856
520.1202
520.1591
520.1948
519.9534
519.9052
520.0485
$C_{15}H_{22}O_{19}N_1^-$
$C_{16}H_{26}O_{18}N_1^-$
$C_{14}H_{22}O_{18}N_3^-$
$C_{15}H_{26}O_{17}N_3^-$
$C_{16}H_{30}O_{16}N_3^-$
$C_{18}H_{34}O_{16}N_1^-$
$C_9H_1O_7N_1F_{15}^-$
m/z 520
521.0797
521.0881
521.1243
521.1507
521.1850
521.2308
521.0341
520.9681
$C_{20}H_{27}O_{15}N_1^-$
$C_{17}H_{31}O_{17}N_1^-$
unknown
$C_{13}H_{17}O_{20}N_2^-$
$C_{18}H_{35}O_{16}N_1^-$
m/z 521
522.1482
522.0874
522.0602
522.1250
522.1894
522.0234
522.2343
521.9761
$C_{20}H_{28}O_{15}N_1^-$
$C_{14}H_{20}O_{20}N_1^-$
$C_{20}H_{32}O_{13}N_3^-$
$C_{17}H_{32}O_{17}N_1^-$
$C_{15}H_{24}O_{19}N_1^-$
$C_{19}H_{24}O_{16}N_1^-$
$C_{20}H_{12}O_{16}N_1^-$
unknown
unknown
$C_{20}H_{30}O_{14}N_2^-$
m/z 522
523.1793
523.1525
523.1316
523.0532
523.0895
523.2189
523.0154
522.9878
523.2490
$C_{20}H_{31}O_{14}N_2^-$
$C_{17}H_{31}O_{18}^-$
$C_{20}H_{27}O_{16}^-$
$C_{20}H_{15}O_{15}N_2^-$
$C_{15}H_{11}O_{19}N_2^-$
unknown
unknown
$C_{15}H_{23}O_{20}^-$
$C_{19}H_{27}O_{15}N_2^-$
m/z 523
524.1627
524.1305
524.2155
524.2452
$C_{20}H_{30}O_{15}N_1^-$
$C_{20}H_{34}O_{13}N_3^-$
$C_{14}H_{26}O_{18}N_3^-$
unknown
$C_{19}H_{26}O_{16}N_1^-$
m/z 524

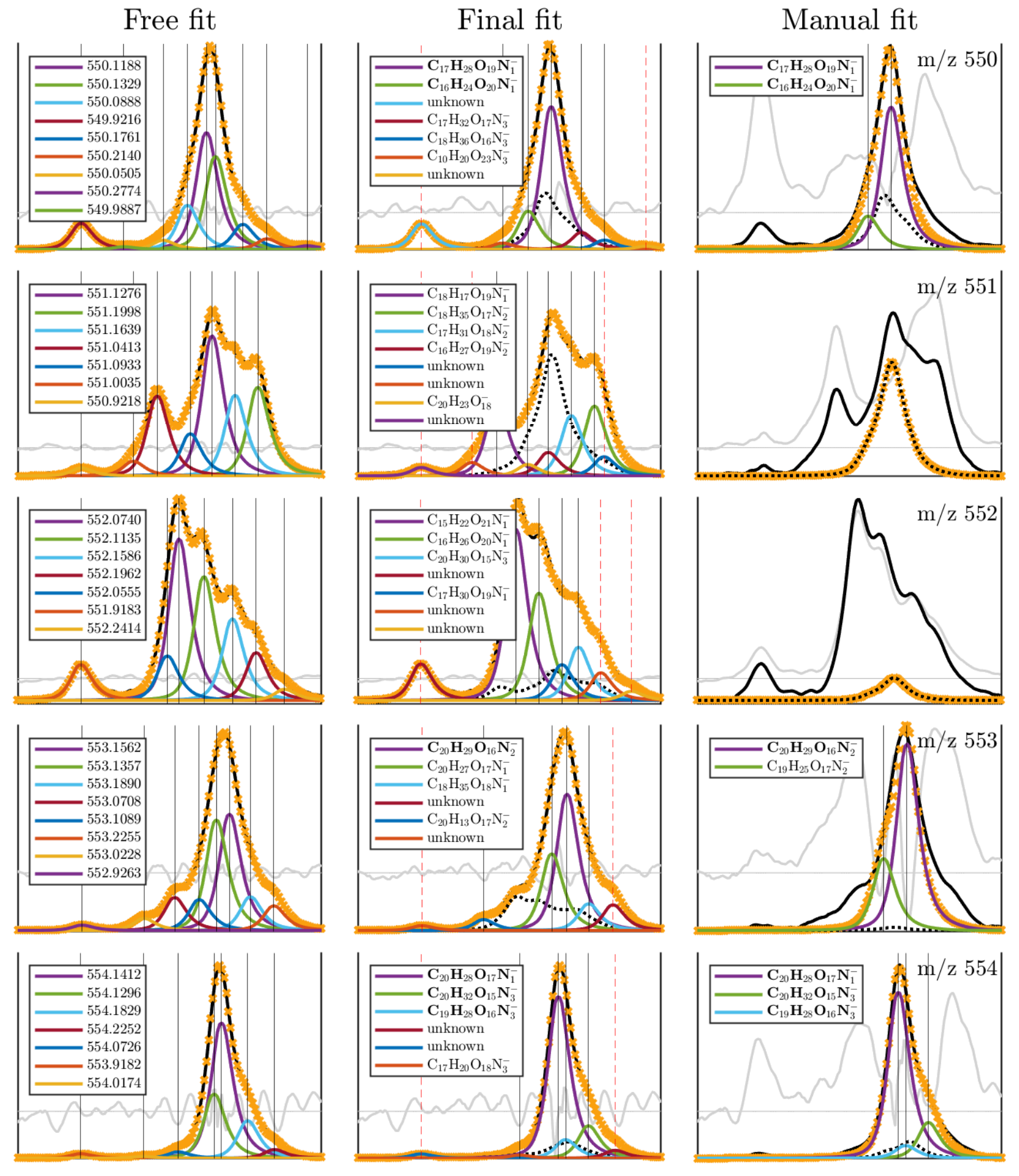

Free fit
Final fit
Manual fit
525.1691
525.1583
525.2095
525.1218
524.9869
525.0667
525.2451
525.0315
unknown
$C_{20}H_{29}O_{16}^-$
$C_{15}H_{11}O_{20}N_1^-$
$C_{15}H_{27}O_{19}N_1^-$
unknown
$C_{13}H_{21}O_{20}N_2^-$
unknown
$C_{17}H_{17}O_{19}^-$
m/z 525
526.1411
526.1797
526.1642
525.9600
526.2293
526.1053
526.2604
525.9915
$\mathbf{C_{20}H_{32}O_{15}N_1^-}$
$\mathbf{C_{19}H_{28}O_{16}N_1^-}$
$C_9H_1O_5N_1F_{17}^-$
$C_{20}H_{36}O_{13}N_3^-$
$C_{18}H_{24}O_{17}N_1^-$
unknown
$\mathbf{C_{20}H_{32}O_{15}N_1^-}$
$\mathbf{C_{19}H_{28}O_{16}N_1^-}$
m/z 526
527.1823
527.1399
527.1548
527.2196
527.1003
526.9633
527.2549
526.9877
527.0485
$C_{20}H_{31}O_{16}^-$
unknown
$C_{19}H_{27}O_{17}^-$
$C_{14}H_{25}O_{20}N_1^-$
unknown
$C_{12}H_{19}O_{21}N_2^-$
$C_{15}H_{11}O_{21}^-$
m/z 527
528.1529
528.1643
528.1206
528.1973
528.0878
528.2390
527.9754
$\mathbf{C_{19}H_{30}O_{16}N_1^-}$
$\mathbf{C_{18}H_{26}O_{17}N_1^-}$
$C_{19}H_{34}O_{14}N_3^-$
unknown
$C_{17}H_{22}O_{18}N_1^-$
unknown
$C_{14}H_{10}O_{21}N_1^-$
$\mathbf{C_{19}H_{30}O_{16}N_1^-}$
$\mathbf{C_{18}H_{26}O_{17}N_1^-}$
$C_{20}H_{34}O_{15}N_1^-$
m/z 528
529.1630
529.1191
529.1465
529.1987
529.0831
528.9803
529.2396
529.0403
$C_{14}H_{27}O_{20}N_1^-$
$C_{18}H_{29}O_{16}N_2^-$
$C_{19}H_{33}O_{15}N_2^-$
$C_{13}H_{23}O_{21}N_1^-$
$C_{14}H_{11}O_{21}N_1^-$
unknown
$C_{16}H_{17}O_{20}^-$
m/z 529

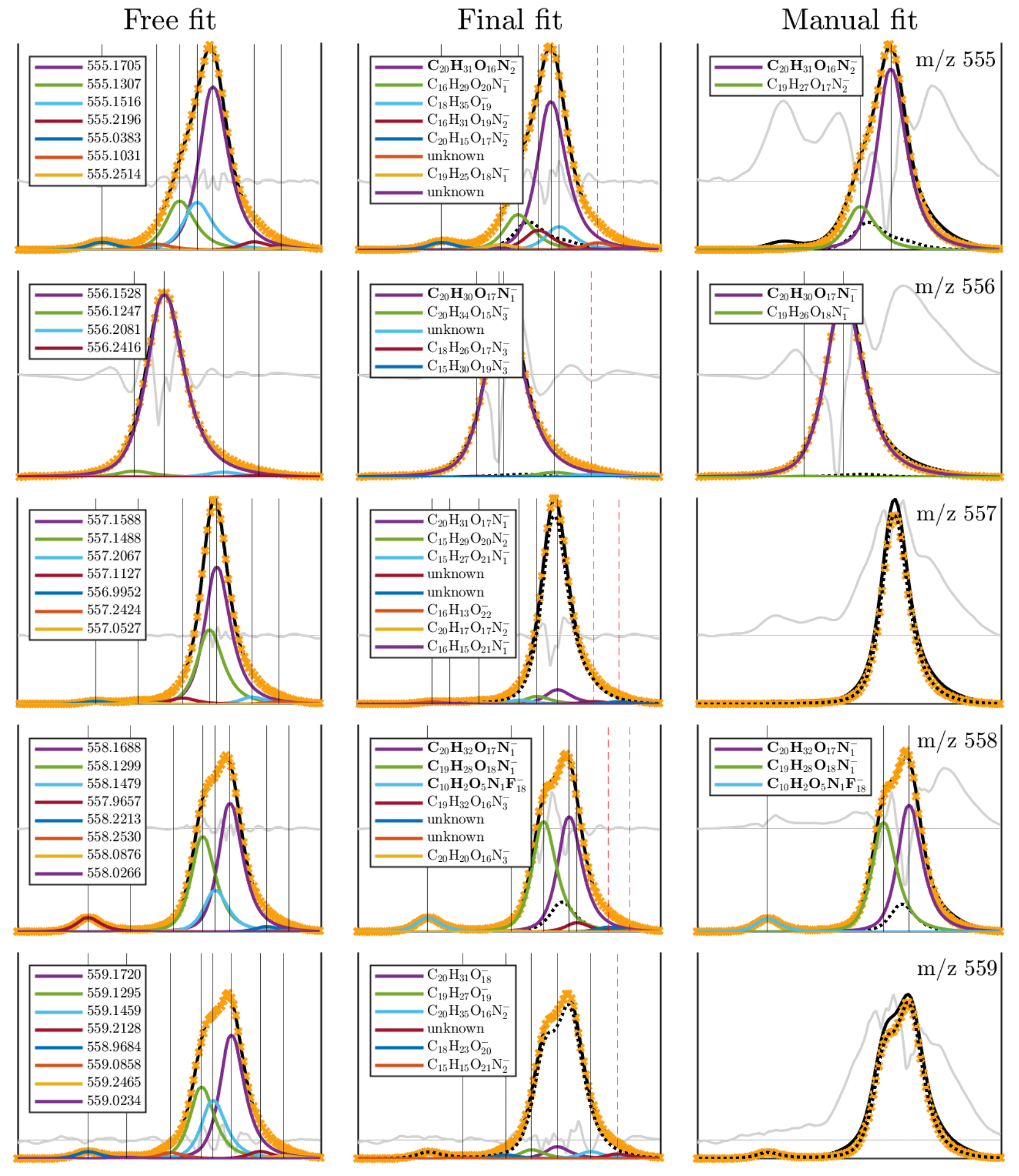

Free fit
Final fit
Manual fit
530.1404
530.1332
530.1818
530.1002
530.2206
529.9640
$\mathbf{C_{18}H_{28}O_{17}N_1^-}$
$C_{17}H_{28}O_{16}N_3^-$
$\mathbf{C_{17}H_{24}O_{18}N_1^-}$
$C_{18}H_{32}O_{15}N_3^-$
$C_{19}H_{36}O_{14}N_3^-$
$C_{12}H_8O_{21}N_3^-$
$\mathbf{C_{18}H_{28}O_{17}N_1^-}$
$C_{19}H_{32}O_{16}N_1^-$
$\mathbf{C_{17}H_{24}O_{18}N_1^-}$
m/z 530
531.1415
531.1290
531.1837
531.0992
531.2211
530.9795
$C_{18}H_{27}O_{18}^-$
$C_{20}H_{21}O_{16}N_1^-$
$C_{18}H_{31}O_{16}N_2^-$
$C_{13}H_{11}O_{21}N_2^-$
m/z 531
532.1140
532.1503
532.1301
532.0783
532.1866
531.9127
532.2189
531.9725
$\mathbf{C_{17}H_{26}O_{18}N_1^-}$
$C_{20}H_{26}O_{14}N_3^-$
$C_{17}H_{30}O_{16}N_3^-$
$\mathbf{C_{16}H_{22}O_{19}N_1^-}$
unknown
unknown
$C_{13}H_{10}O_{22}N_1^-$
$\mathbf{C_{17}H_{26}O_{18}N_1^-}$
$C_{18}H_{30}O_{17}N_1^-$
$\mathbf{C_{16}H_{22}O_{19}N_1^-}$
m/z 532
533.1189
533.1455
533.1663
533.0823
533.1978
533.0524
532.9782
532.9156
$C_{16}H_{21}O_{20}^-$
$C_{20}H_{23}O_{16}N_1^-$
$C_{19}H_{35}O_{16}N_1^-$
$C_{18}H_{31}O_{17}N_1^-$
unknown
unknown
m/z 533
534.1364
534.1222
534.0943
533.9090
534.0587
534.1812
534.2211
533.9763
534.2813
$\mathbf{C_{17}H_{28}O_{18}N_1^-}$
$\mathbf{C_{16}H_{24}O_{19}N_1^-}$
unknown
$\mathbf{C_{15}H_{20}O_{20}N_1^-}$
$C_{17}H_{32}O_{16}N_3^-$
$C_{18}H_{36}O_{15}N_3^-$
unknown
unknown
$\mathbf{C_{17}H_{28}O_{18}N_1^-}$
$\mathbf{C_{16}H_{24}O_{19}N_1^-}$
$\mathbf{C_{15}H_{20}O_{20}N_1^-}$
m/z 534

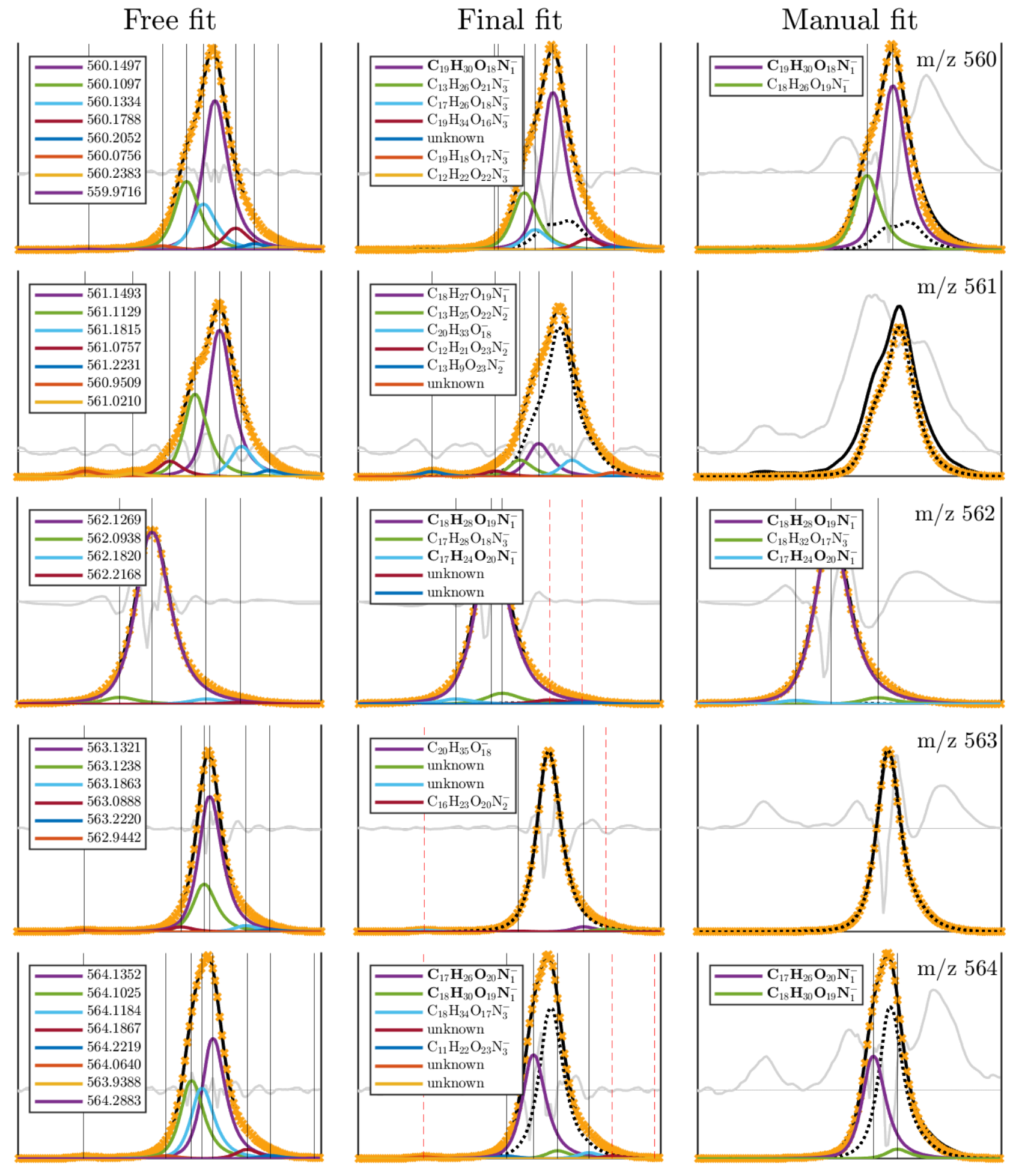

Free fit
Final fit
Manual fit
535.1301
535.1725
535.0983
535.0480
535.1487
535.0105
535.0663
534.9127
535.2140
534.9918
$C_{17}H_{31}O_{17}N_2^-$
unknown
$C_{15}H_{19}O_{21}^-$
$C_{15}H_{21}O_{20}N_1^-$
$C_{18}H_{33}O_{17}N_1^-$
unknown
$C_{17}H_{27}O_{19}^-$
unknown
m/z 535
536.0738
536.1062
536.1190
535.9056
536.1644
536.2021
536.0168
535.9667
536.2617
$\mathbf{C_{16}H_{26}O_{19}N_1^-}$
$\mathbf{C_{15}H_{22}O_{20}N_1^-}$
unknown
$C_{16}H_{30}O_{17}N_3^-$
$C_{17}H_{34}O_{16}N_3^-$
$C_{12}H_{14}O_{21}N_3^-$
unknown
unknown
m/z 536
537.1381
537.1567
537.1127
537.0762
537.1891
537.0230
537.2245
536.9089
$C_{17}H_{31}O_{18}N_1^-$
$C_{16}H_{29}O_{18}N_2^-$
$C_{20}H_{27}O_{16}N_1^-$
$C_{18}H_{35}O_{17}N_1^-$
$C_{17}H_{15}O_{19}N_1^-$
unknown
unknown
$C_{20}H_{29}O_{15}N_2^-$
$C_{19}H_{25}O_{16}N_2^-$
m/z 537
538.1454
538.1327
537.9034
538.1888
538.0900
538.0530
538.2307
537.9774
$\mathbf{C_{20}H_{28}O_{16}N_1^-}$
unknown
$\mathbf{C_{20}H_{32}O_{14}N_3^-}$
$C_{19}H_{28}O_{15}N_3^-$
$C_{15}H_{24}O_{20}N_1^-$
$C_{14}H_{20}O_{21}N_1^-$
unknown
unknown
$\mathbf{C_{20}H_{28}O_{16}N_1^-}$
$\mathbf{C_{20}H_{32}O_{14}N_3^-}$
m/z 538
539.1761
539.1339
539.1519
539.0501
539.2287
539.1024
538.9062
539.0120
$\mathbf{C_{20}H_{31}O_{15}N_2^-}$
$\mathbf{C_{19}H_{27}O_{16}N_2^-}$
$C_{17}H_{31}O_{19}^-$
$C_{20}H_{27}O_{17}^-$
$C_{18}H_{35}O_{18}^-$
$C_{13}H_{19}O_{21}N_2^-$
unknown
unknown
$C_{12}H_{15}O_{22}N_2^-$
$\mathbf{C_{20}H_{31}O_{15}N_2^-}$
$\mathbf{C_{19}H_{27}O_{16}N_2^-}$
m/z 539

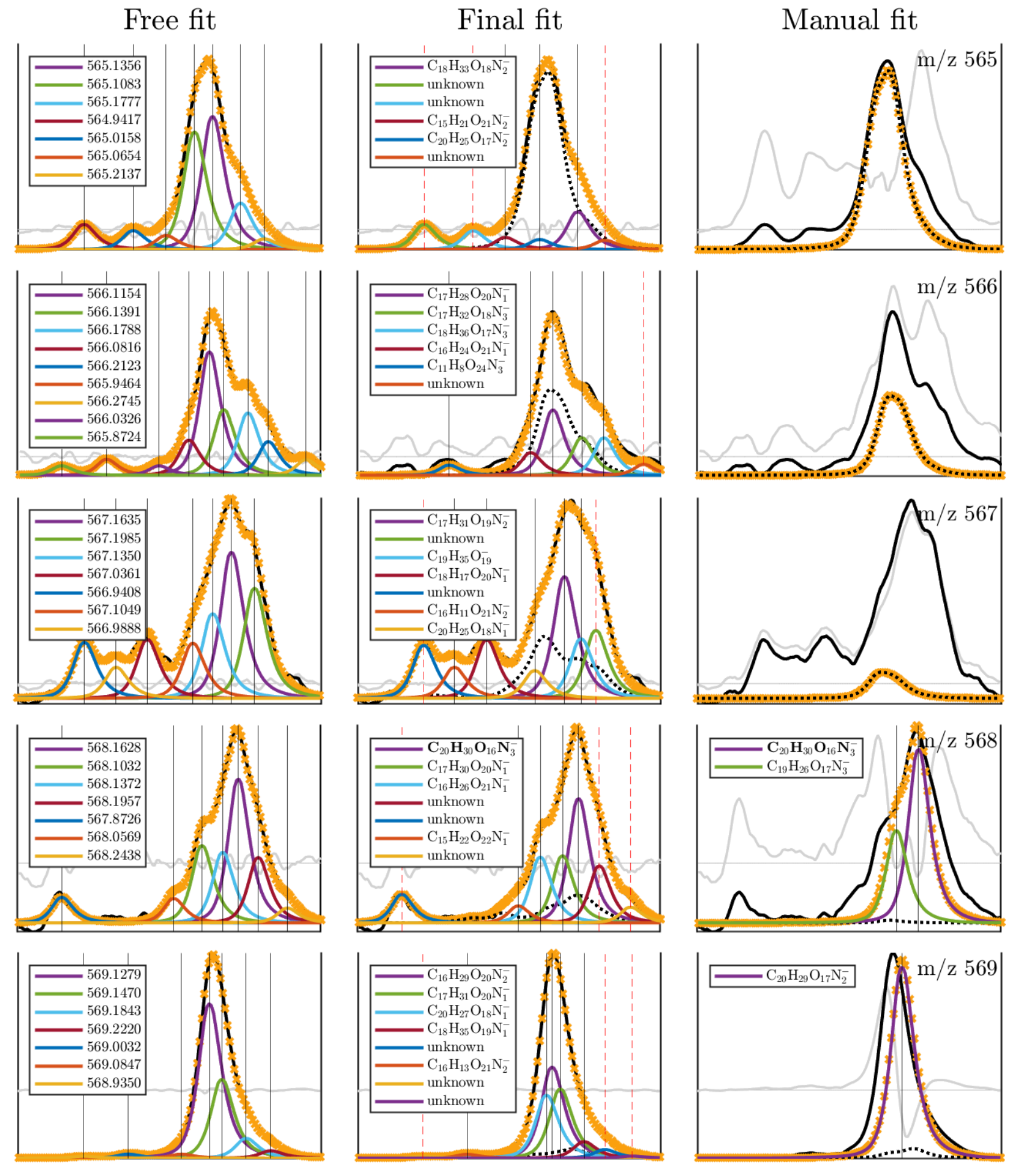

Free fit
Final fit
Manual fit
m/z 540
540.1577
540.1271
540.2119
540.2427
539.9047
$\mathbf{C_{20}H_{30}O_{16}N_1^-}$
$C_{20}H_{34}O_{14}N_3^-$
$C_{14}H_{26}O_{19}N_3^-$
unknown
unknown
$\mathbf{C_{20}H_{30}O_{16}N_1^-}$
$C_{19}H_{26}O_{17}N_1^-$
m/z 541
541.1656
541.1552
541.2013
541.1171
540.9808
541.2417
541.0591
541.0230
540.9042
unknown
$C_{18}H_{25}O_{17}N_2^-$
$C_{20}H_{29}O_{17}^-$
unknown
$C_{15}H_{11}O_{21}N_1^-$
unknown
$C_{17}H_{19}O_{19}N_1^-$
m/z 542
542.1738
542.1343
542.1539
542.2281
542.2587
541.9719
$\mathbf{C_{20}H_{32}O_{16}N_1^-}$
$C_{14}H_{28}O_{19}N_3^-$
$C_{18}H_{28}O_{16}N_3^-$
unknown
unknown
$C_9H_1O_6N_1F_{17}^-$
$\mathbf{C_{20}H_{32}O_{16}N_1^-}$
$C_{19}H_{28}O_{17}N_1^-$
m/z 543
543.1770
543.1351
543.1553
543.2290
543.0983
543.2590
542.9852
543.0452
$C_{16}H_{31}O_{20}^-$
unknown
unknown
$C_{14}H_{27}O_{20}N_2^-$
$C_{14}H_{25}O_{21}N_1^-$
unknown
$C_{16}H_{15}O_{21}^-$
m/z 544
544.1478
544.1616
544.1159
544.1881
544.2338
544.0820
543.9827
$\mathbf{C_{19}H_{30}O_{17}N_1^-}$
$\mathbf{C_{18}H_{26}O_{18}N_1^-}$
$C_{19}H_{34}O_{15}N_3^-$
$C_{17}H_{22}O_{19}N_1^-$
unknown
$C_{15}H_{30}O_{20}N_1^-$
$\mathbf{C_{19}H_{30}O_{17}N_1^-}$
$\mathbf{C_{18}H_{26}O_{18}N_1^-}$


Free fit
Final fit
Manual fit
545.1593
545.1151
545.1429
545.1893
545.0773
545.2299
544.9889
545.0397
$C_{14}H_{27}O_{21}N_1^-$
$C_{20}H_{33}O_{17}^-$
$C_{16}H_{21}O_{19}N_2^-$
$C_{19}H_{29}O_{18}^-$
unknown
unknown
$C_{11}H_1O_2F_{20}^-$
m/z 545
546.1368
546.1273
546.0939
546.1772
546.2183
545.9277
$\mathbf{C_{18}H_{28}O_{18}N_1^-}$
$\mathbf{C_{17}H_{24}O_{19}N_1^-}$
$C_{17}H_{28}O_{17}N_3^-$
$C_{18}H_{32}O_{16}N_3^-$
$C_{19}H_{36}O_{15}N_3^-$
unknown
$\mathbf{C_{18}H_{28}O_{18}N_1^-}$
$\mathbf{C_{17}H_{24}O_{19}N_1^-}$
$C_{19}H_{32}O_{17}N_1^-$
m/z 546
547.1382
547.1269
547.0948
547.1771
547.2147
547.0383
546.9905
546.9318
$C_{17}H_{27}O_{18}N_2^-$
$C_{19}H_{33}O_{17}N_1^-$
$C_{16}H_{23}O_{19}N_2^-$
$C_{11}H_{19}O_{23}N_2^-$
$C_{14}H_{13}O_{22}N_1^-$
unknown
unknown
m/z 547
548.1093
548.1501
548.1243
548.0743
548.1926
547.9244
548.2278
$\mathbf{C_{17}H_{26}O_{19}N_1^-}$
$\mathbf{C_{18}H_{30}O_{18}N_1^-}$
$C_{16}H_{26}O_{18}N_3^-$
$\mathbf{C_{16}H_{22}O_{20}N_1^-}$
$C_{17}H_{30}O_{17}N_3^-$
unknown
$C_{18}H_{34}O_{16}N_3^-$
unknown
$\mathbf{C_{17}H_{26}O_{19}N_1^-}$
$\mathbf{C_{18}H_{30}O_{18}N_1^-}$
$\mathbf{C_{16}H_{22}O_{20}N_1^-}$
m/z 548
549.1112
549.1265
549.1541
549.0731
549.1900
548.9856
549.0266
548.9282
549.2261
unknown
$C_{19}H_{35}O_{17}N_1^-$
$C_{18}H_{31}O_{18}N_1^-$
$C_{14}H_{17}O_{21}N_2^-$
$C_{20}H_{21}O_{18}^-$
$C_{17}H_{27}O_{19}N_1^-$
unknown
m/z 549


Free fit
Final fit
Manual fit
550.1188
550.1329
550.0888
549.9216
550.1761
550.2140
550.0505
550.2774
549.9887
$C_{17}H_{28}O_{19}N_1^-$
$C_{16}H_{24}O_{20}N_1^-$
unknown
$C_{17}H_{32}O_{17}N_3^-$
$C_{18}H_{36}O_{16}N_3^-$
$C_{10}H_{20}O_{23}N_3^-$
unknown
m/z 550
551.1276
551.1998
551.1639
551.0413
551.0933
551.0035
550.9218
$C_{18}H_{17}O_{19}N_1^-$
$C_{18}H_{35}O_{17}N_2^-$
$C_{17}H_{31}O_{18}N_2^-$
$C_{16}H_{27}O_{19}N_2^-$
unknown
unknown
$C_{20}H_{23}O_{18}^-$
unknown
m/z 551
552.0740
552.1135
552.1586
552.1962
552.0555
551.9183
552.2414
$C_{15}H_{22}O_{21}N_1^-$
$C_{16}H_{26}O_{20}N_1^-$
$C_{20}H_{30}O_{15}N_3^-$
unknown
$C_{17}H_{30}O_{19}N_1^-$
unknown
unknown
m/z 552
553.1562
553.1357
553.1890
553.0708
553.1089
553.2255
553.0228
552.9263
$C_{20}H_{29}O_{16}N_2^-$
$C_{20}H_{27}O_{17}N_1^-$
$C_{18}H_{35}O_{18}N_1^-$
unknown
$C_{20}H_{13}O_{17}N_2^-$
unknown
$C_{19}H_{25}O_{17}N_2^-$
m/z 553
554.1412
554.1296
554.1829
554.2252
554.0726
553.9182
554.0174
$C_{20}H_{28}O_{17}N_1^-$
$C_{20}H_{32}O_{15}N_3^-$
$C_{19}H_{28}O_{16}N_3^-$
unknown
unknown
$C_{17}H_{20}O_{18}N_3^-$
m/z 554


Free fit
Final fit
Manual fit
555.1705
555.1307
555.1516
555.2196
555.0383
555.1031
555.2514
$\mathbf{C_{20}H_{31}O_{16}N_2^-}$
$C_{16}H_{29}O_{20}N_1^-$
$C_{18}H_{35}O_{19}^-$
$C_{16}H_{31}O_{19}N_2^-$
$C_{20}H_{15}O_{17}N_2^-$
unknown
$C_{19}H_{25}O_{18}N_1^-$
unknown
$\mathbf{C_{20}H_{31}O_{16}N_2^-}$
$C_{19}H_{27}O_{17}N_2^-$
m/z 555
556.1528
556.1247
556.2081
556.2416
$\mathbf{C_{20}H_{30}O_{17}N_1^-}$
$C_{20}H_{34}O_{15}N_3^-$
unknown
$C_{18}H_{26}O_{17}N_3^-$
$C_{15}H_{30}O_{19}N_3^-$
$\mathbf{C_{20}H_{30}O_{17}N_1^-}$
$C_{19}H_{26}O_{18}N_1^-$
m/z 556
557.1588
557.1488
557.2067
557.1127
556.9952
557.2424
557.0527
$C_{20}H_{31}O_{17}N_1^-$
$C_{15}H_{29}O_{20}N_2^-$
$C_{15}H_{27}O_{21}N_1^-$
unknown
unknown
$C_{16}H_{13}O_{22}^-$
$C_{20}H_{17}O_{17}N_2^-$
$C_{16}H_{15}O_{21}N_1^-$
m/z 557
558.1688
558.1299
558.1479
557.9657
558.2213
558.2530
558.0876
558.0266
$\mathbf{C_{20}H_{32}O_{17}N_1^-}$
$\mathbf{C_{19}H_{28}O_{18}N_1^-}$
$\mathbf{C_{10}H_2O_5N_1F_{18}^-}$
$C_{19}H_{32}O_{16}N_3^-$
unknown
unknown
$C_{20}H_{20}O_{16}N_3^-$
$\mathbf{C_{20}H_{32}O_{17}N_1^-}$
$\mathbf{C_{19}H_{28}O_{18}N_1^-}$
$\mathbf{C_{10}H_2O_5N_1F_{18}^-}$
m/z 558
559.1720
559.1295
559.1459
559.2128
558.9684
559.0858
559.2465
559.0234
$C_{20}H_{31}O_{18}^-$
$C_{19}H_{27}O_{19}^-$
$C_{20}H_{35}O_{16}N_2^-$
unknown
$C_{18}H_{23}O_{20}^-$
$C_{15}H_{15}O_{21}N_2^-$
m/z 559


Free fit
Final fit
Manual fit
m/z 560
m/z 561
m/z 562
m/z 563
m/z 564
560.1497
560.1097
560.1334
560.1788
560.2052
560.0756
560.2383
559.9716
C19H30O18N1−
C13H26O21N3−
C17H26O18N3−
C19H34O16N3−
unknown
C19H18O17N3−
C12H22O22N3−
C19H30O18N1−
C18H26O19N1−
561.1493
561.1129
561.1815
561.0757
561.2231
560.9509
561.0210
C18H27O19N1−
C13H25O22N2−
C20H33O18−
C12H21O23N2−
C13H9O23N2−
unknown
562.1269
562.0938
562.1820
562.2168
C18H28O19N1−
C17H28O18N3−
C17H24O20N1−
unknown
unknown
C18H28O19N1−
C18H32O17N3−
C17H24O20N1−
563.1321
563.1238
563.1863
563.0888
563.2220
562.9442
C20H35O18−
unknown
unknown
C16H23O20N2−
564.1352
564.1025
564.1184
564.1867
564.2219
564.0640
563.9388
564.2883
C17H26O20N1−
C18H30O19N1−
C18H34O17N3−
unknown
C11H22O23N3−
unknown
unknown
C17H26O20N1−
C18H30O19N1−


Free fit
Final fit
Manual fit
565.1356
565.1083
565.1777
564.9417
565.0158
565.0654
565.2137
$C_{18}H_{33}O_{18}N_2^-$
unknown
unknown
$C_{15}H_{21}O_{21}N_2^-$
$C_{20}H_{25}O_{17}N_2^-$
unknown
m/z 565
566.1154
566.1391
566.1788
566.0816
566.2123
565.9464
566.2745
566.0326
565.8724
$C_{17}H_{28}O_{20}N_1^-$
$C_{17}H_{32}O_{18}N_3^-$
$C_{18}H_{36}O_{17}N_3^-$
$C_{16}H_{24}O_{21}N_1^-$
$C_{11}H_8O_{24}N_3^-$
unknown
m/z 566
567.1635
567.1985
567.1350
567.0361
566.9408
567.1049
566.9888
$C_{17}H_{31}O_{19}N_2^-$
unknown
$C_{19}H_{35}O_{19}^-$
$C_{18}H_{17}O_{20}N_1^-$
unknown
$C_{16}H_{11}O_{21}N_2^-$
$C_{20}H_{25}O_{18}N_1^-$
m/z 567
568.1628
568.1032
568.1372
568.1957
567.8726
568.0569
568.2438
$\mathbf{C_{20}H_{30}O_{16}N_3^-}$
$C_{17}H_{30}O_{20}N_1^-$
$C_{16}H_{26}O_{21}N_1^-$
unknown
unknown
$C_{15}H_{22}O_{22}N_1^-$
unknown
$\mathbf{C_{20}H_{30}O_{16}N_3^-}$
$C_{19}H_{26}O_{17}N_3^-$
m/z 568
569.1279
569.1470
569.1843
569.2220
569.0032
569.0847
568.9350
$C_{16}H_{29}O_{20}N_2^-$
$C_{17}H_{31}O_{20}N_1^-$
$C_{20}H_{27}O_{18}N_1^-$
$C_{18}H_{35}O_{19}N_1^-$
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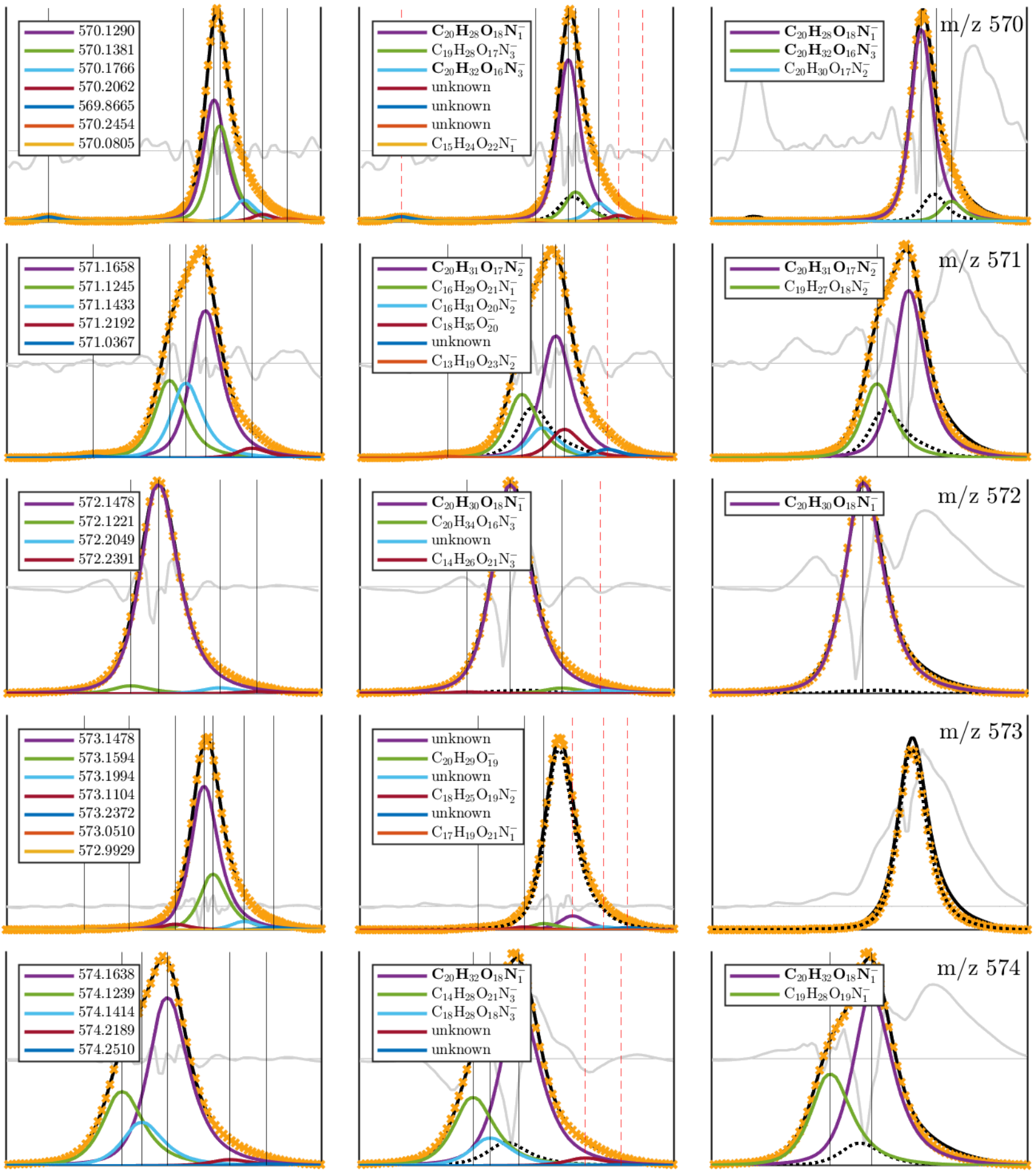
$C_{16}H_{13}O_{21}N_2^-$
unknown
unknown
$C_{20}H_{29}O_{17}N_2^-$
m/z 569


Free fit
Final fit
Manual fit
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570.2062
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570.2454
570.0805
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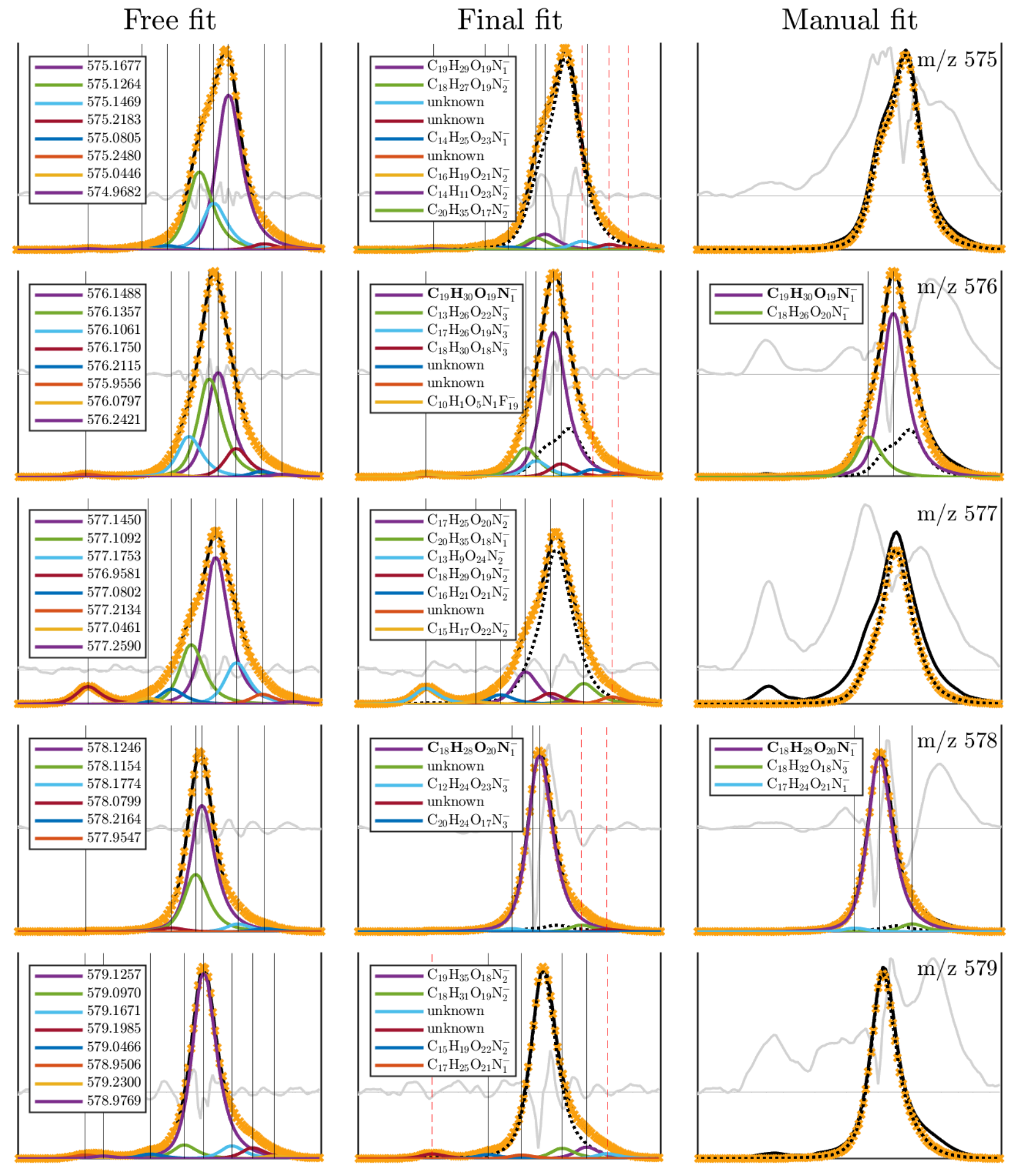
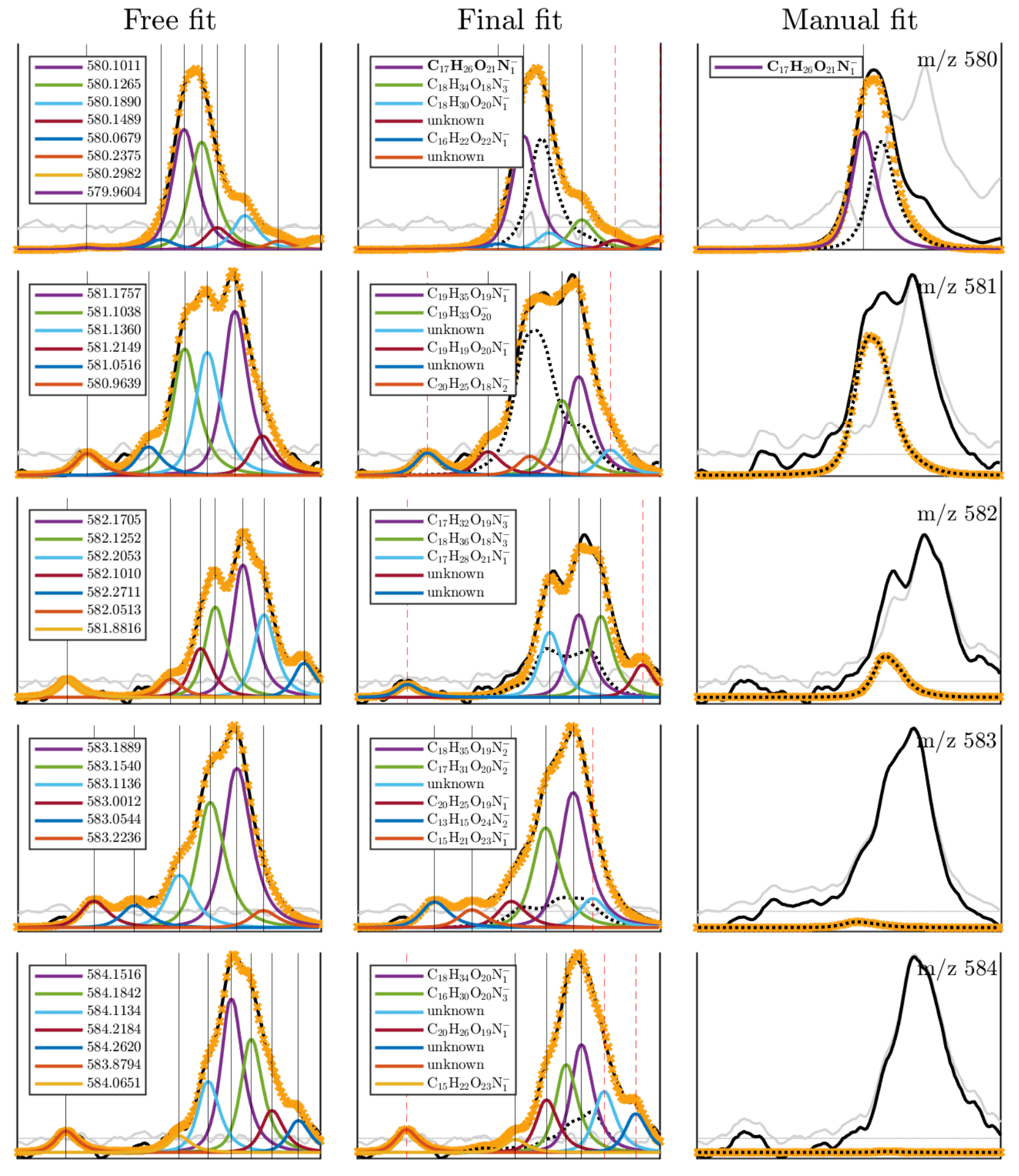
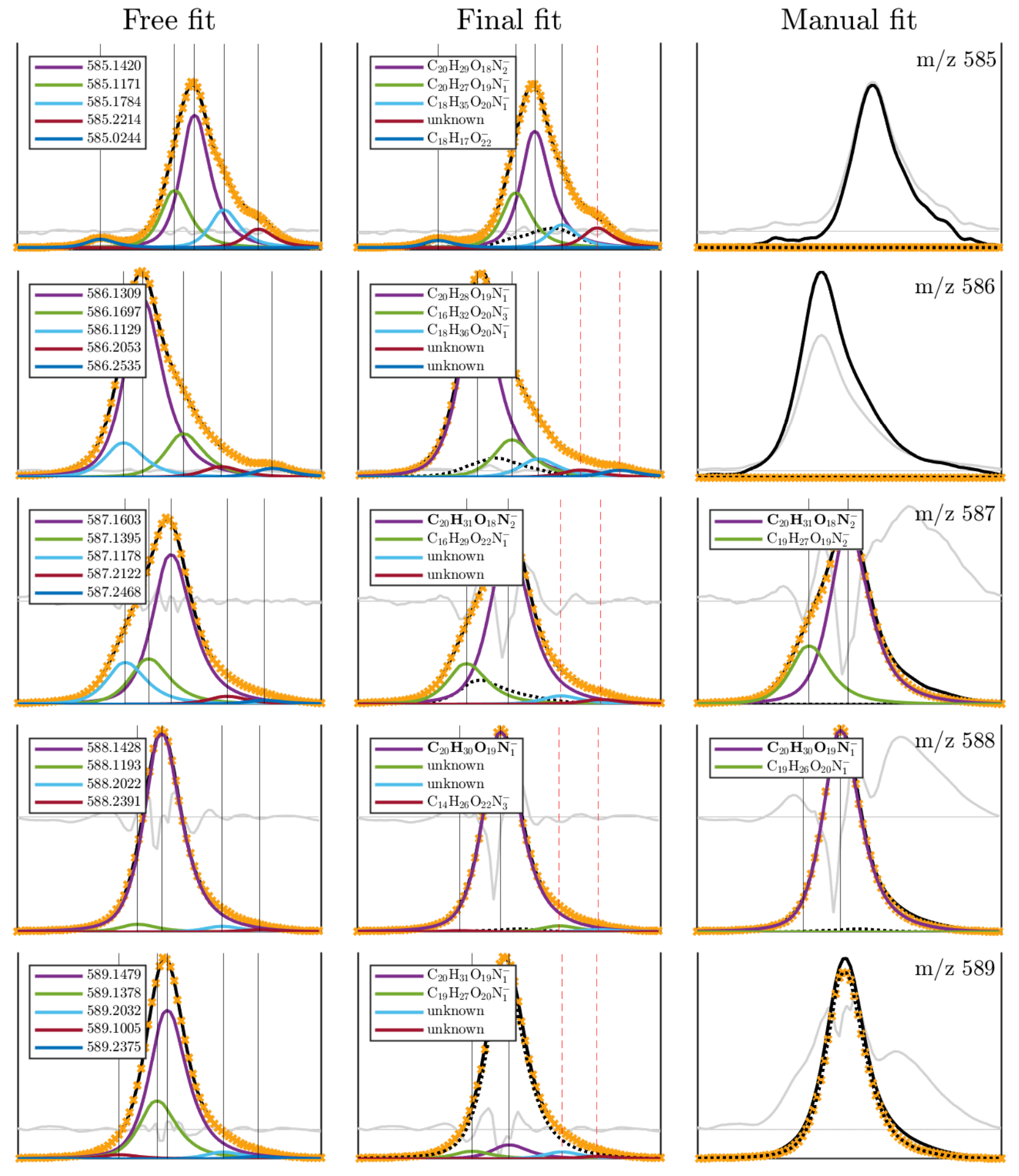
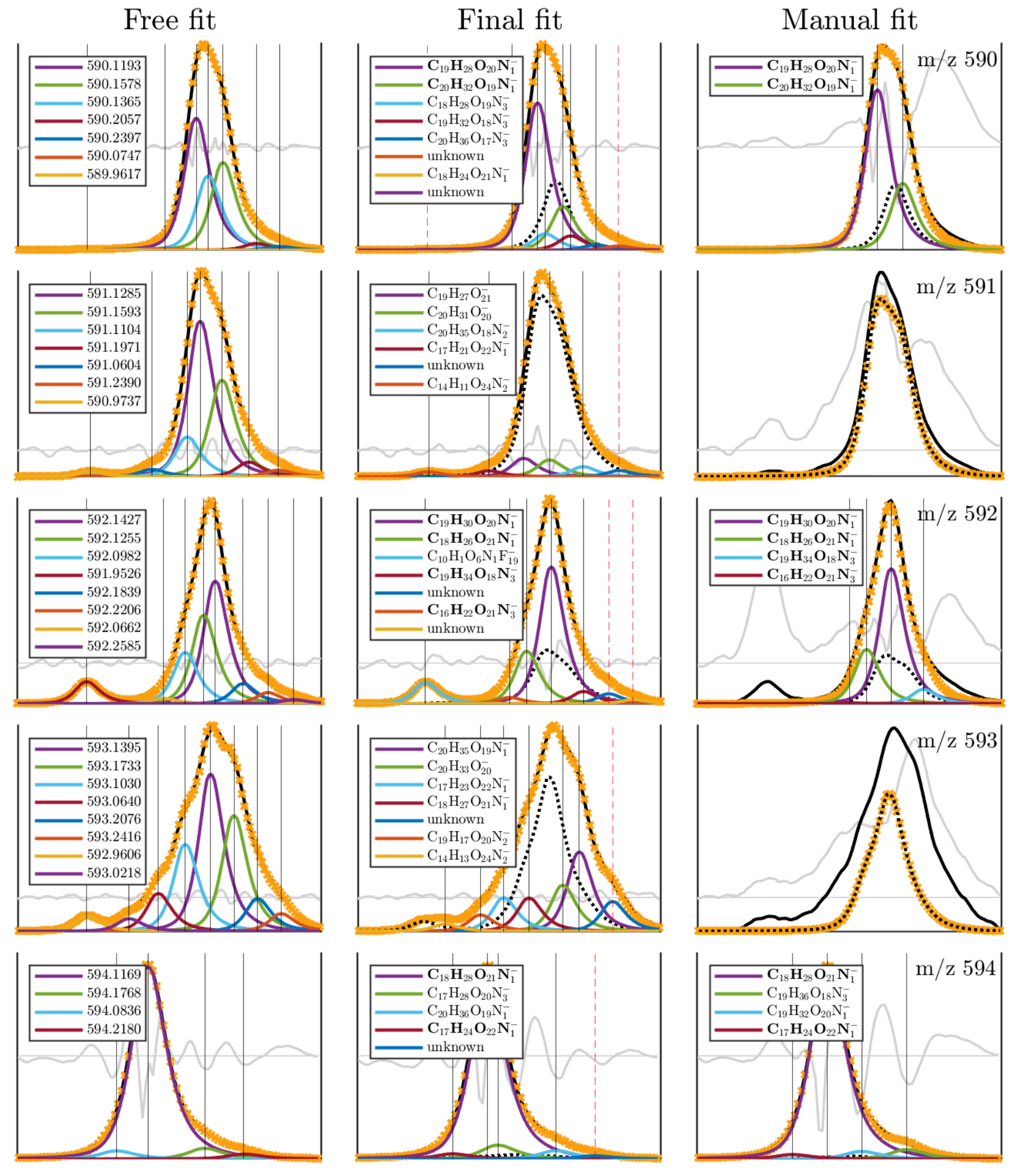
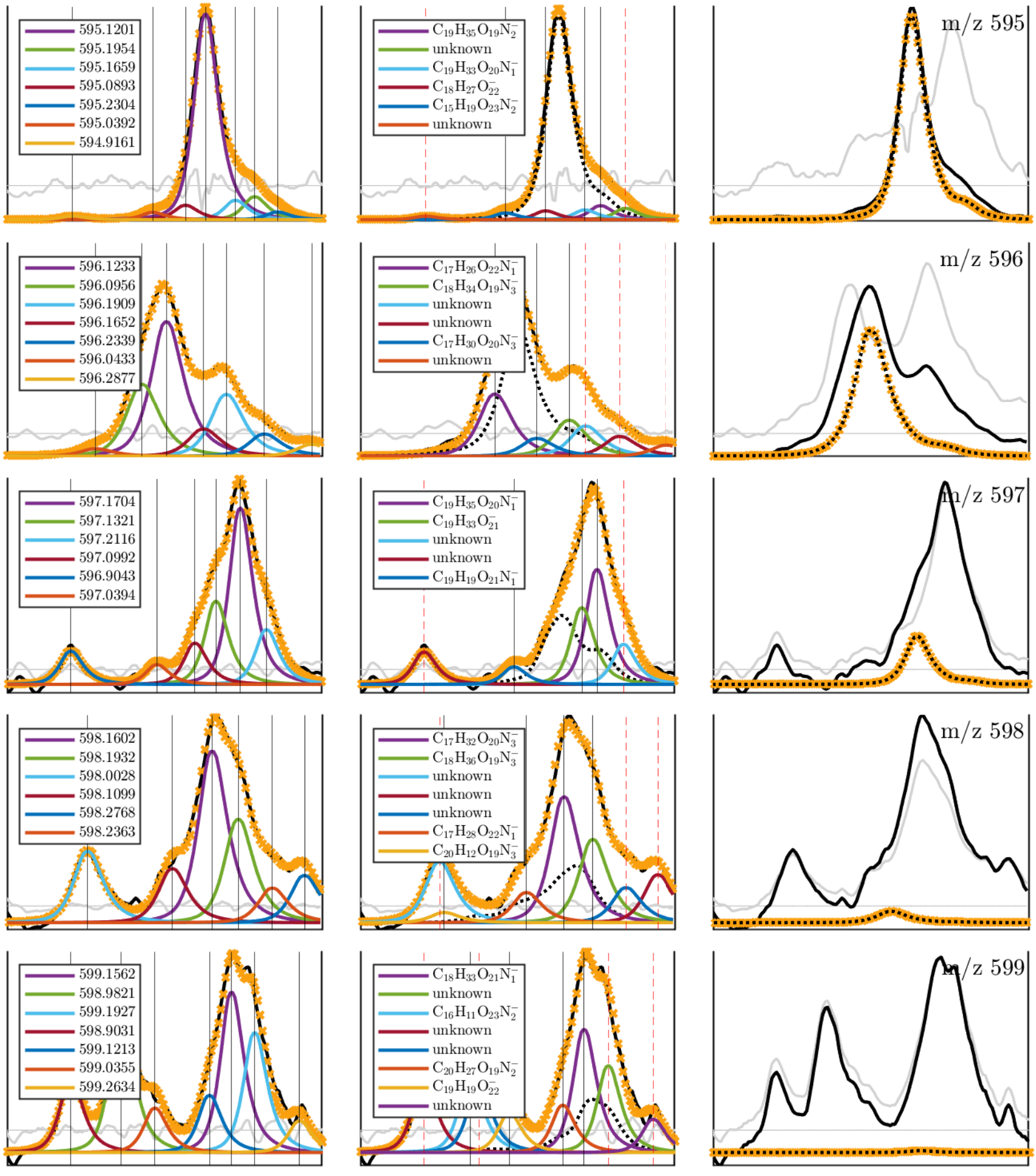
C19H28O17N3−
C20H32O16N3−
unknown
unknown
unknown
C15H24O22N1−
C20H28O18N1−
C20H32O16N3−
C20H30O17N2−
m/z 570
571.1658
571.1245
571.1433
571.2192
571.0367
C20H31O17N2−
C16H29O21N1−
C16H31O20N2−
C18H35O20−
unknown
C13H19O23N2−
C20H31O17N2−
C19H27O18N2−
m/z 571
572.1478
572.1221
572.2049
572.2391
C20H30O18N1−
C20H34O16N3−
unknown
C14H26O21N3−
C20H30O18N1−
m/z 572
573.1478
573.1594
573.1994
573.1104
573.2372
573.0510
572.9929
unknown
C20H29O19−
unknown
C18H25O19N2−
unknown
C17H19O21N1−
m/z 573
574.1638
574.1239
574.1414
574.2189
574.2510
C20H32O18N1−
C14H28O21N3−
C18H28O18N3−
unknown
unknown
C20H32O18N1−
C19H28O19N1−
m/z 574


Free fit
Final fit
Manual fit
575.1677
575.1264
575.1469
575.2183
575.0805
575.2480
575.0446
574.9682
$C_{19}H_{29}O_{19}N_1^-$
$C_{18}H_{27}O_{19}N_2^-$
unknown
unknown
$C_{14}H_{25}O_{23}N_1^-$
unknown
$C_{16}H_{19}O_{21}N_2^-$
$C_{14}H_{11}O_{23}N_2^-$
$C_{20}H_{35}O_{17}N_2^-$
m/z 575
576.1488
576.1357
576.1061
576.1750
576.2115
575.9556
576.0797
576.2421
$\mathbf{C_{19}H_{30}O_{19}N_1^-}$
$C_{13}H_{26}O_{22}N_3^-$
$C_{17}H_{26}O_{19}N_3^-$
$C_{18}H_{30}O_{18}N_3^-$
unknown
unknown
$C_{10}H_1O_5N_1F_{19}^-$
$\mathbf{C_{19}H_{30}O_{19}N_1^-}$
$C_{18}H_{26}O_{20}N_1^-$
m/z 576
577.1450
577.1092
577.1753
576.9581
577.0802
577.2134
577.0461
577.2590
$C_{17}H_{25}O_{20}N_2^-$
$C_{20}H_{35}O_{18}N_1^-$
$C_{13}H_9O_{24}N_2^-$
$C_{18}H_{29}O_{19}N_2^-$
$C_{16}H_{21}O_{21}N_2^-$
unknown
$C_{15}H_{17}O_{22}N_2^-$
m/z 577
578.1246
578.1154
578.1774
578.0799
578.2164
577.9547
$\mathbf{C_{18}H_{28}O_{20}N_1^-}$
unknown
$C_{12}H_{24}O_{23}N_3^-$
unknown
$C_{20}H_{24}O_{17}N_3^-$
$\mathbf{C_{18}H_{28}O_{20}N_1^-}$
$C_{18}H_{32}O_{18}N_3^-$
$C_{17}H_{24}O_{21}N_1^-$
m/z 578
579.1257
579.0970
579.1671
579.1985
579.0466
578.9506
579.2300
578.9769
$C_{19}H_{35}O_{18}N_2^-$
$C_{18}H_{31}O_{19}N_2^-$
unknown
unknown
$C_{15}H_{19}O_{22}N_2^-$
$C_{17}H_{25}O_{21}N_1^-$
m/z 579


Free fit
Final fit
Manual fit
580.1011
580.1265
580.1890
580.1489
580.0679
580.2375
580.2982
579.9604
$\mathbf{C_{17}H_{26}O_{21}N_1^-}$
$C_{18}H_{34}O_{18}N_3^-$
$C_{18}H_{30}O_{20}N_1^-$
unknown
$C_{16}H_{22}O_{22}N_1^-$
unknown
$\mathbf{C_{17}H_{26}O_{21}N_1^-}$
m/z 580
581.1757
581.1038
581.1360
581.2149
581.0516
580.9639
$C_{19}H_{35}O_{19}N_1^-$
$C_{19}H_{33}O_{20}^-$
unknown
$C_{19}H_{19}O_{20}N_1^-$
unknown
$C_{20}H_{25}O_{18}N_2^-$
m/z 581
582.1705
582.1252
582.2053
582.1010
582.2711
582.0513
581.8816
$C_{17}H_{32}O_{19}N_3^-$
$C_{18}H_{36}O_{18}N_3^-$
$C_{17}H_{28}O_{21}N_1^-$
unknown
unknown
m/z 582
583.1889
583.1540
583.1136
583.0012
583.0544
583.2236
$C_{18}H_{35}O_{19}N_2^-$
$C_{17}H_{31}O_{20}N_2^-$
unknown
$C_{20}H_{25}O_{19}N_1^-$
$C_{13}H_{15}O_{24}N_2^-$
$C_{15}H_{21}O_{23}N_1^-$
m/z 583
584.1516
584.1842
584.1134
584.2184
584.2620
583.8794
584.0651
$C_{18}H_{34}O_{20}N_1^-$
$C_{16}H_{30}O_{20}N_3^-$
unknown
$C_{20}H_{26}O_{19}N_1^-$
unknown
unknown
$C_{15}H_{22}O_{23}N_1^-$
m/z 584


Free fit
Final fit
Manual fit
585.1420
585.1171
585.1784
585.2214
585.0244
$C_{20}H_{29}O_{18}N_2^-$
$C_{20}H_{27}O_{19}N_1^-$
$C_{18}H_{35}O_{20}N_1^-$
unknown
$C_{18}H_{17}O_{22}^-$
m/z 585
586.1309
586.1697
586.1129
586.2053
586.2535
$C_{20}H_{28}O_{19}N_1^-$
$C_{16}H_{32}O_{20}N_3^-$
$C_{18}H_{36}O_{20}N_1^-$
unknown
unknown
m/z 586
587.1603
587.1395
587.1178
587.2122
587.2468
$\mathbf{C_{20}H_{31}O_{18}N_2^-}$
$C_{16}H_{29}O_{22}N_1^-$
unknown
unknown
$\mathbf{C_{20}H_{31}O_{18}N_2^-}$
$C_{19}H_{27}O_{19}N_2^-$
m/z 587
588.1428
588.1193
588.2022
588.2391
$\mathbf{C_{20}H_{30}O_{19}N_1^-}$
unknown
unknown
$C_{14}H_{26}O_{22}N_3^-$
$\mathbf{C_{20}H_{30}O_{19}N_1^-}$
$C_{19}H_{26}O_{20}N_1^-$
m/z 588
589.1479
589.1378
589.2032
589.1005
589.2375
$C_{20}H_{31}O_{19}N_1^-$
$C_{19}H_{27}O_{20}N_1^-$
unknown
unknown
m/z 589


Free fit
Final fit
Manual fit
590.1193
590.1578
590.1365
590.2057
590.2397
590.0747
589.9617
$C_{19}H_{28}O_{20}N_1^-$
$C_{20}H_{32}O_{19}N_1^-$
$C_{18}H_{28}O_{19}N_3^-$
$C_{19}H_{32}O_{18}N_3^-$
$C_{20}H_{36}O_{17}N_3^-$
unknown
$C_{18}H_{24}O_{21}N_1^-$
unknown
m/z 590
591.1285
591.1593
591.1104
591.1971
591.0604
591.2390
590.9737
$C_{19}H_{27}O_{21}^-$
$C_{20}H_{31}O_{20}^-$
$C_{20}H_{35}O_{18}N_2^-$
$C_{17}H_{21}O_{22}N_1^-$
unknown
$C_{14}H_{11}O_{24}N_2^-$
m/z 591
592.1427
592.1255
592.0982
591.9526
592.1839
592.2206
592.0662
592.2585
$C_{19}H_{30}O_{20}N_1^-$
$C_{18}H_{26}O_{21}N_1^-$
$C_{10}H_1O_6N_1F_{19}^-$
$C_{19}H_{34}O_{18}N_3^-$
unknown
$C_{16}H_{22}O_{21}N_3^-$
unknown
$C_{19}H_{30}O_{20}N_1^-$
$C_{18}H_{26}O_{21}N_1^-$
$C_{19}H_{34}O_{18}N_3^-$
$C_{16}H_{22}O_{21}N_3^-$
m/z 592
593.1395
593.1733
593.1030
593.0640
593.2076
593.2416
592.9606
593.0218
$C_{20}H_{35}O_{19}N_1^-$
$C_{20}H_{33}O_{20}^-$
$C_{17}H_{23}O_{22}N_1^-$
$C_{18}H_{27}O_{21}N_1^-$
unknown
$C_{19}H_{17}O_{20}N_2^-$
$C_{14}H_{13}O_{24}N_2^-$
m/z 593
594.1169
594.1768
594.0836
594.2180
$C_{18}H_{28}O_{21}N_1^-$
$C_{17}H_{28}O_{20}N_3^-$
$C_{20}H_{36}O_{19}N_1^-$
$C_{17}H_{24}O_{22}N_1^-$
unknown
$C_{18}H_{28}O_{21}N_1^-$
$C_{19}H_{36}O_{18}N_3^-$
$C_{19}H_{32}O_{20}N_1^-$
$C_{17}H_{24}O_{22}N_1^-$
m/z 594


Free fit
Final fit
Manual fit
595.1201
595.1954
595.1659
595.0893
595.2304
595.0392
594.9161
$C_{19}H_{35}O_{19}N_2^-$
unknown
$C_{19}H_{33}O_{20}N_1^-$
$C_{18}H_{27}O_{22}^-$
$C_{15}H_{19}O_{23}N_2^-$
unknown
m/z 595
596.1233
596.0956
596.1909
596.1652
596.2339
596.0433
596.2877
$C_{17}H_{26}O_{22}N_1^-$
$C_{18}H_{34}O_{19}N_3^-$
unknown
unknown
$C_{17}H_{30}O_{20}N_3^-$
unknown
m/z 596
597.1704
597.1321
597.2116
597.0992
596.9043
597.0394
$C_{19}H_{35}O_{20}N_1^-$
$C_{19}H_{33}O_{21}^-$
unknown
unknown
$C_{19}H_{19}O_{21}N_1^-$
m/z 597
598.1602
598.1932
598.0028
598.1099
598.2768
598.2363
$C_{17}H_{32}O_{20}N_3^-$
$C_{18}H_{36}O_{19}N_3^-$
unknown
unknown
unknown
$C_{17}H_{28}O_{22}N_1^-$
$C_{20}H_{12}O_{19}N_3^-$
m/z 598
599.1562
598.9821
599.1927
598.9031
599.1213
599.0355
599.2634
$C_{18}H_{33}O_{21}N_1^-$
unknown
$C_{16}H_{11}O_{23}N_2^-$
unknown
unknown
$C_{20}H_{27}O_{19}N_2^-$
$C_{19}H_{19}O_{22}^-$
unknown
m/z 599