

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF091624\  
 Data File : BF139380.D  
 Acq On : 16 Sep 2024 13:13  
 Operator : RC/JU  
 Sample : P3845-06DL 5X  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PT-ACIDS-WPDL

Quant Time: Sep 16 14:01:35 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091324.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Sep 14 02:58:23 2024  
 Response via : Initial Calibration

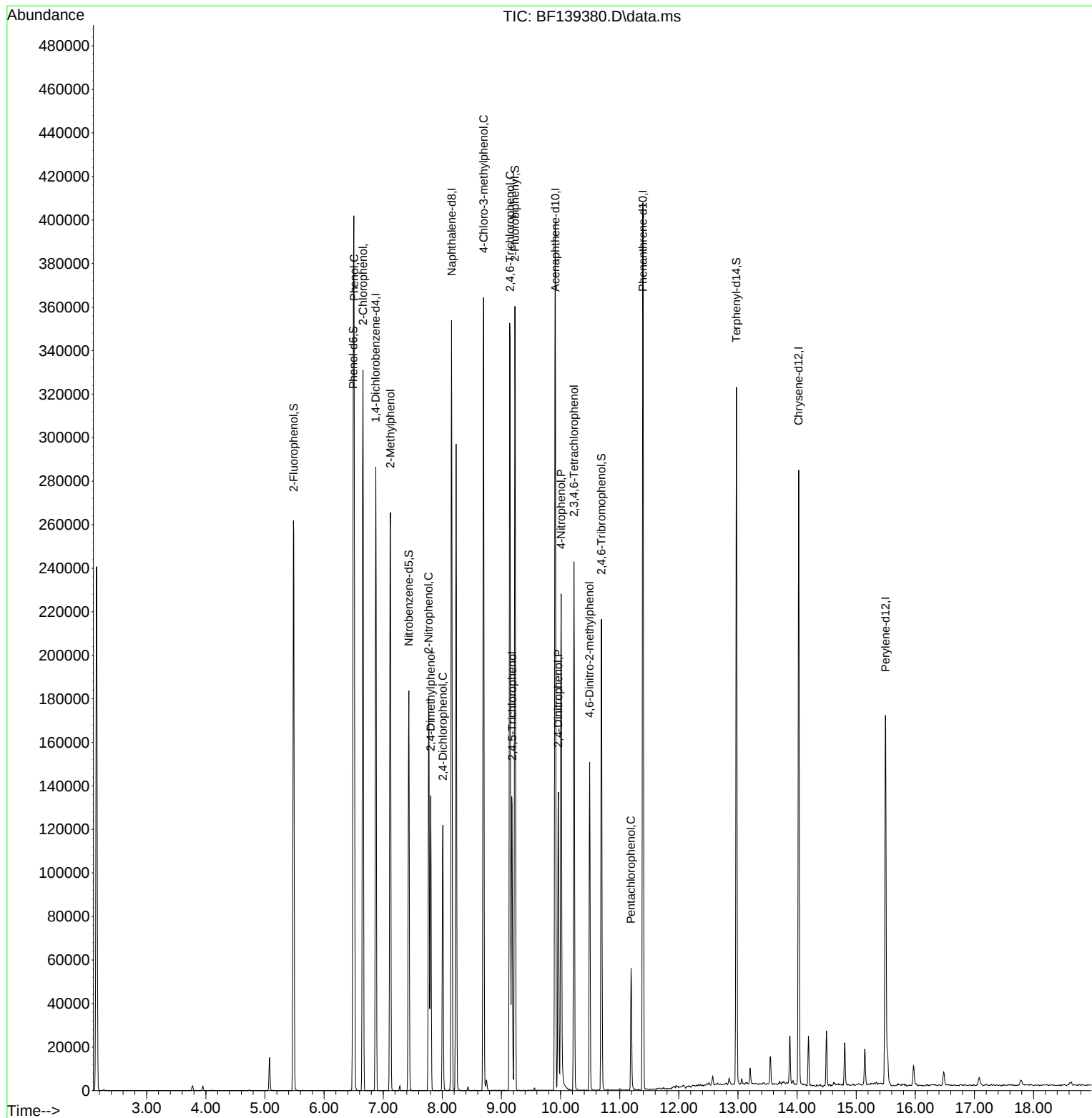
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.875  | 152  | 53717    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.157  | 136  | 197693   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.910  | 164  | 111417   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.392 | 188  | 205713   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.027 | 240  | 127464   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.498 | 264  | 107390   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.487  | 112  | 81036    | 24.610 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.492  | 99   | 107117   | 24.784 | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 7.433  | 82   | 72704    | 17.289 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.692 | 330  | 30178    | 25.442 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.227  | 172  | 144091   | 18.138 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.974 | 244  | 147214   | 18.957 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 8) 2-Chlorophenol             | 6.657  | 128  | 97582    | 28.789 | ng    | 99       |
| 10) Phenol                    | 6.510  | 94   | 100447   | 22.819 | ng    | 98       |
| 17) 2-Methylphenol            | 7.122  | 107  | 53975    | 20.043 | ng    | 99       |
| 26) 2-Nitrophenol             | 7.769  | 139  | 33311    | 19.755 | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 7.804  | 122  | 28375    | 12.757 | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 8.010  | 162  | 27945    | 9.890  | ng    | 98       |
| 36) 4-Chloro-3-methylphenol   | 8.698  | 107  | 92018    | 28.495 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.145  | 196  | 62186    | 28.947 | ng    | 98       |
| 44) 2,4,5-Trichlorophenol     | 9.180  | 196  | 26419    | 11.658 | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 9.963  | 184  | 19289    | 21.368 | ng    | 94       |
| 56) 4-Nitrophenol             | 10.010 | 139  | 38922    | 29.054 | ng    | 95       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.227 | 232  | 37016    | 19.746 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 10.492 | 198  | 21982    | 20.246 | ng    | 98       |
| 70) Pentachlorophenol         | 11.192 | 266  | 9184     | 6.397  | ng    | 97       |
| -----                         |        |      |          |        |       |          |

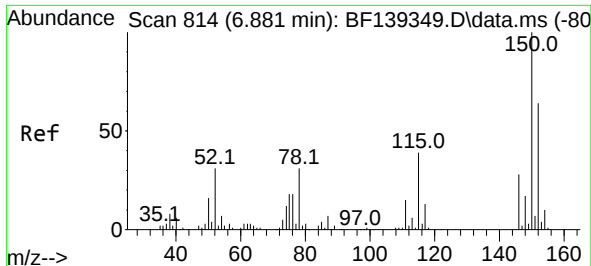
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF091624\  
Data File : BF139380.D  
Acq On : 16 Sep 2024 13:13  
Operator : RC/JU  
Sample : P3845-06DL 5X  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PT-ACIDS-WPDL

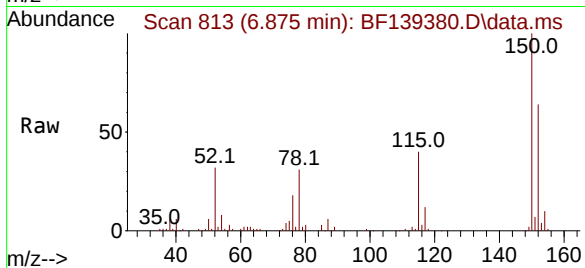
Quant Time: Sep 16 14:01:35 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091324.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Sep 14 02:58:23 2024  
Response via : Initial Calibration



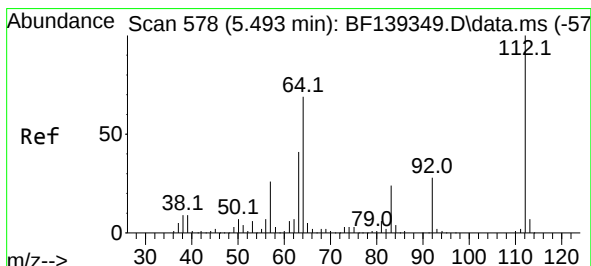
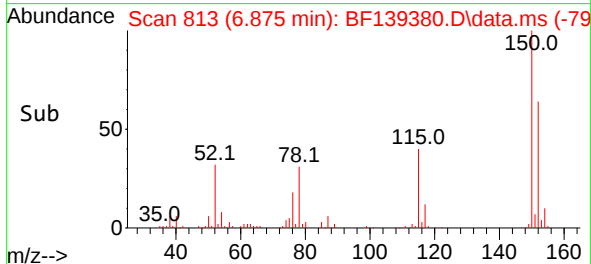
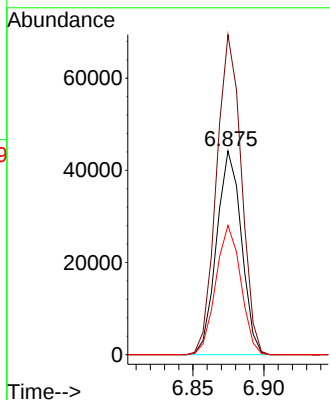


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.875 min Scan# 814  
Delta R.T. -0.006 min  
Lab File: BF139380.D  
Acq: 16 Sep 2024 13:13

Instrument :  
BNA\_F  
ClientSampleId :  
PT-ACIDS-WPDL

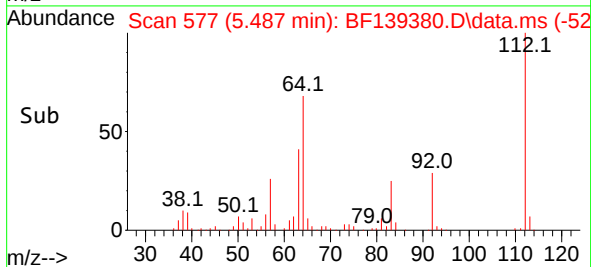
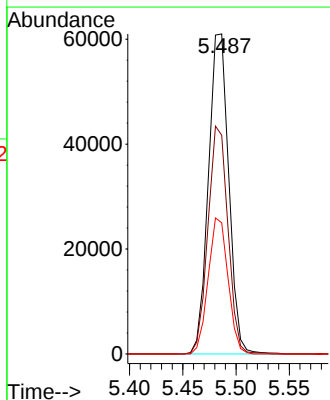
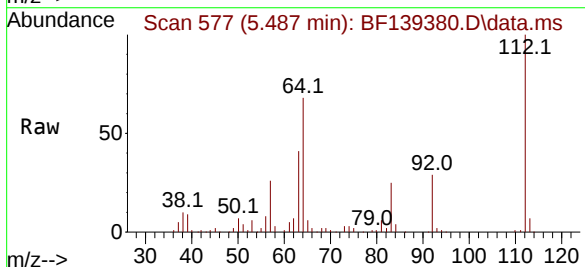


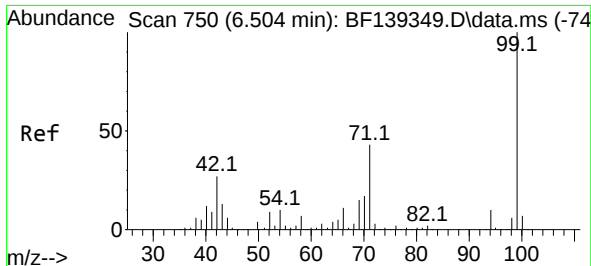
Tgt Ion:152 Resp: 53717  
Ion Ratio Lower Upper  
152 100  
150 157.2 124.1 186.1  
115 63.5 48.1 72.1



#5  
2-Fluorophenol  
Concen: 24.610 ng  
RT: 5.487 min Scan# 577  
Delta R.T. -0.006 min  
Lab File: BF139380.D  
Acq: 16 Sep 2024 13:13

Tgt Ion:112 Resp: 81036  
Ion Ratio Lower Upper  
112 100  
64 68.3 54.8 82.2  
63 41.0 33.0 49.4

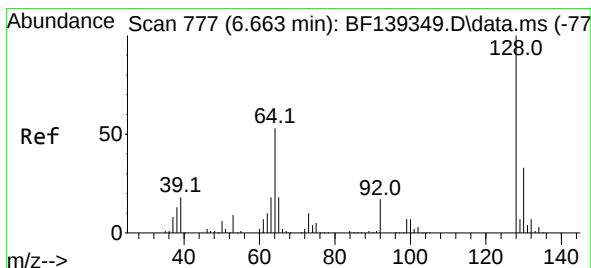
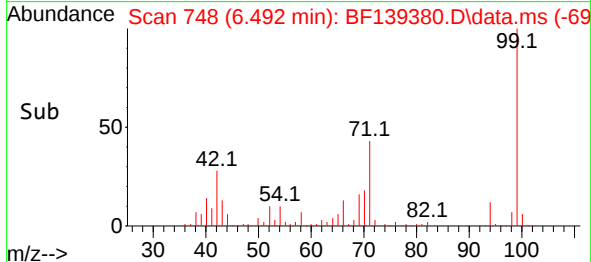
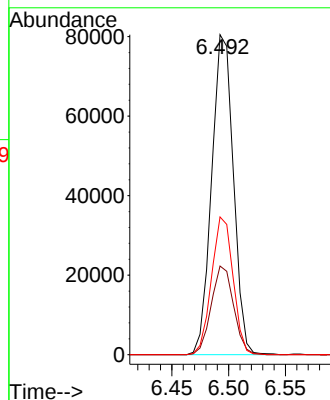
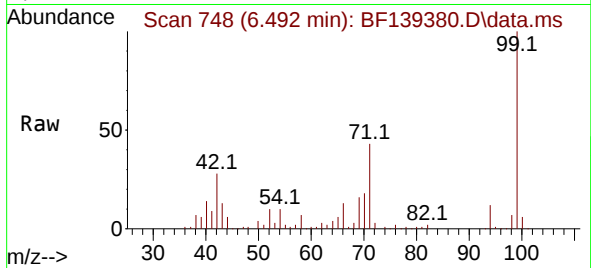




#7  
Phenol-d6  
Concen: 24.784 ng  
RT: 6.492 min Scan# 741  
Delta R.T. -0.012 min  
Lab File: BF139380.D  
Acq: 16 Sep 2024 13:13

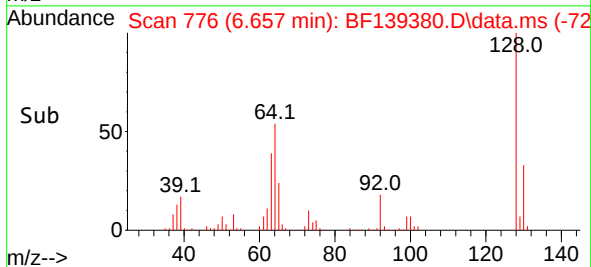
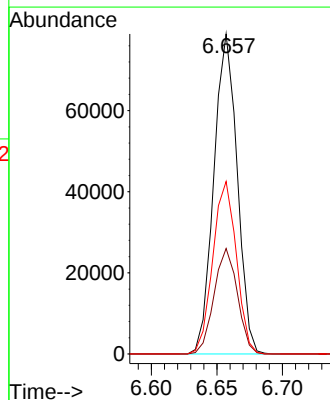
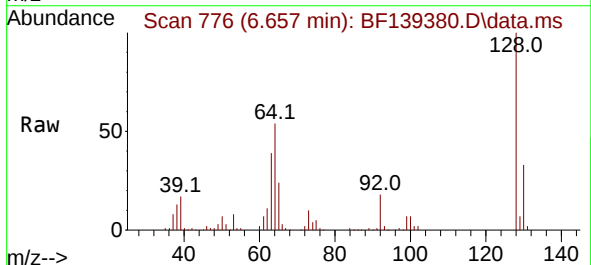
Instrument :  
BNA\_F  
ClientSampleId :  
PT-ACIDS-WPDL

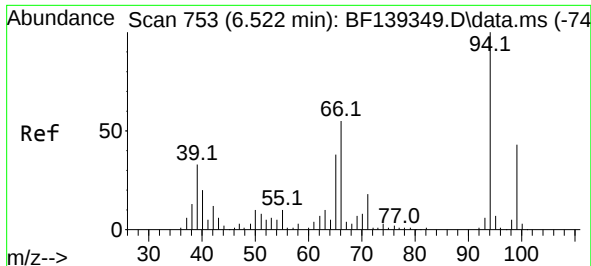
Tgt Ion: 99 Resp: 107117  
Ion Ratio Lower Upper  
99 100  
42 27.7 21.9 32.9  
71 43.0 34.6 52.0



#8  
2-Chlorophenol  
Concen: 28.789 ng  
RT: 6.657 min Scan# 776  
Delta R.T. -0.006 min  
Lab File: BF139380.D  
Acq: 16 Sep 2024 13:13

Tgt Ion:128 Resp: 97582  
Ion Ratio Lower Upper  
128 100  
130 33.0 12.8 52.8  
64 53.9 35.1 75.1

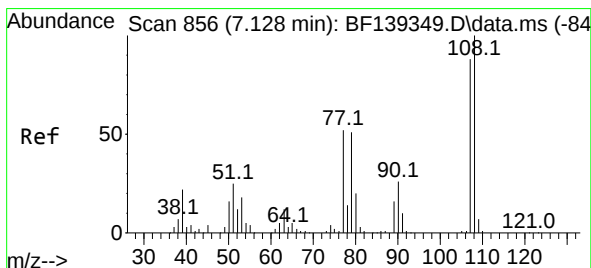
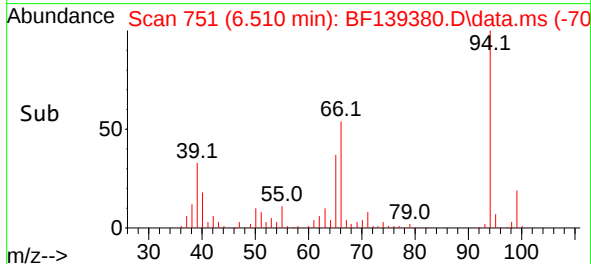
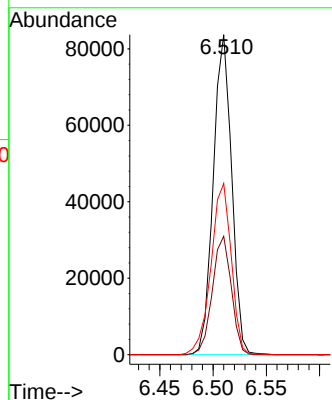
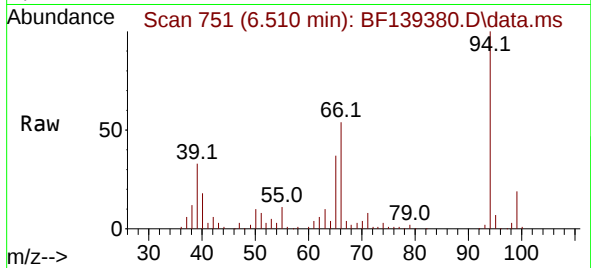




#10  
Phenol  
Concen: 22.819 ng  
RT: 6.510 min Scan# 751  
Delta R.T. -0.012 min  
Lab File: BF139380.D  
Acq: 16 Sep 2024 13:13

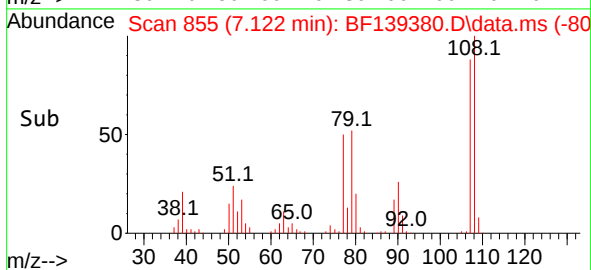
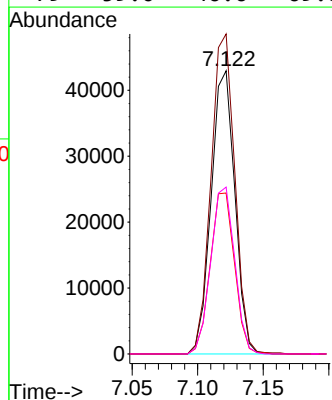
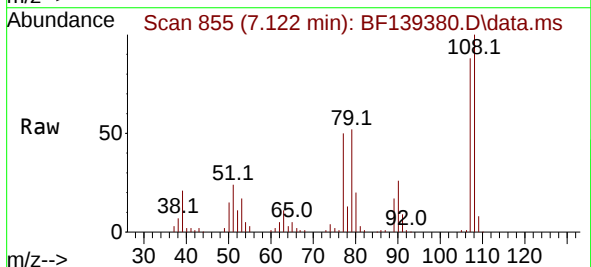
Instrument :  
BNA\_F  
ClientSampleId :  
PT-ACIDS-WPDL

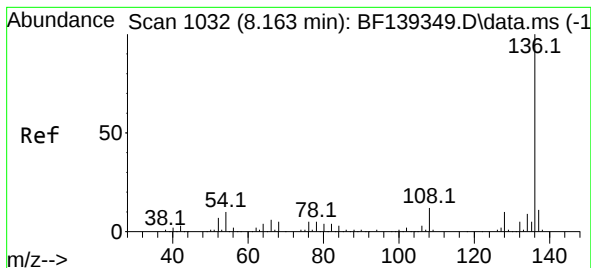
Tgt Ion: 94 Resp: 100447  
Ion Ratio Lower Upper  
94 100  
65 37.0 17.6 57.6  
66 53.5 35.2 75.2



#17  
2-Methylphenol  
Concen: 20.043 ng  
RT: 7.122 min Scan# 855  
Delta R.T. -0.006 min  
Lab File: BF139380.D  
Acq: 16 Sep 2024 13:13

Tgt Ion: 107 Resp: 53975  
Ion Ratio Lower Upper  
107 100  
108 113.0 90.5 135.7  
77 56.9 47.1 70.7  
79 59.0 46.6 69.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 10

Delta R.T. -0.006 min

Lab File: BF139380.D

Acq: 16 Sep 2024 13:13

Instrument :

BNA\_F

ClientSampleId :

PT-ACIDS-WPDL

Tgt Ion:136 Resp: 197693

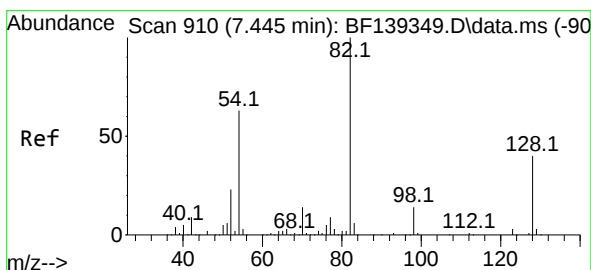
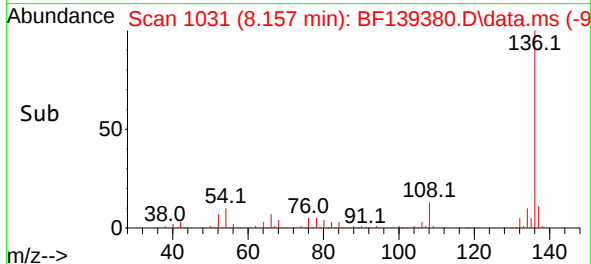
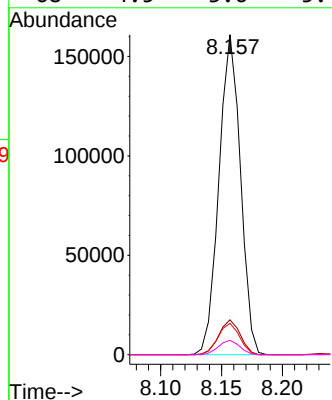
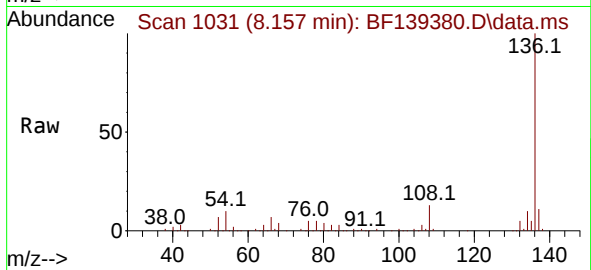
Ion Ratio Lower Upper

136 100

137 10.9 8.6 12.8

54 9.8 7.8 11.8

68 4.5 3.6 5.4



#23

Nitrobenzene-d5

Concen: 17.289 ng

RT: 7.433 min Scan# 908

Delta R.T. -0.012 min

Lab File: BF139380.D

Acq: 16 Sep 2024 13:13

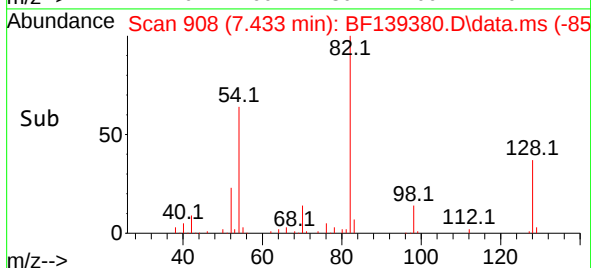
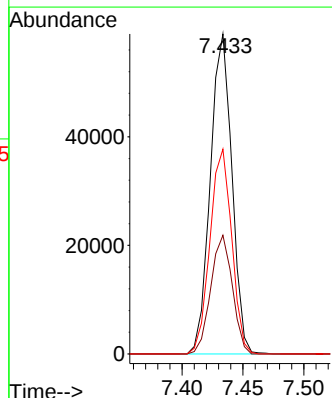
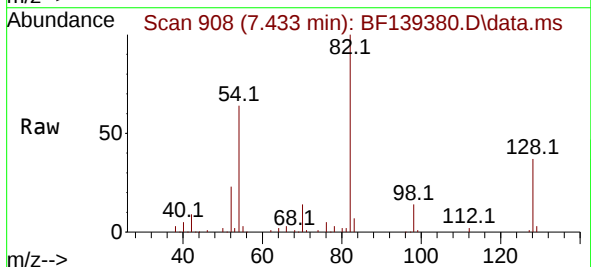
Tgt Ion: 82 Resp: 72704

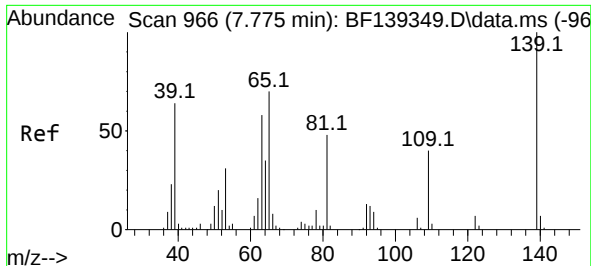
Ion Ratio Lower Upper

82 100

128 37.1 31.8 47.6

54 64.0 50.6 75.8

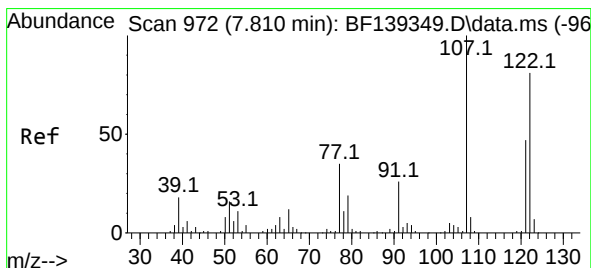
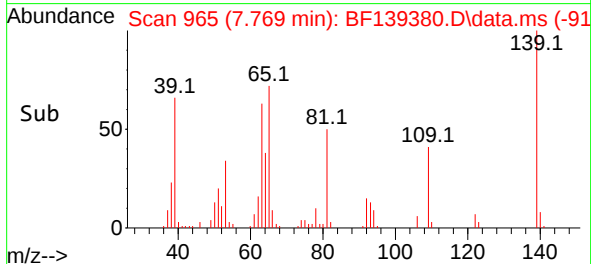
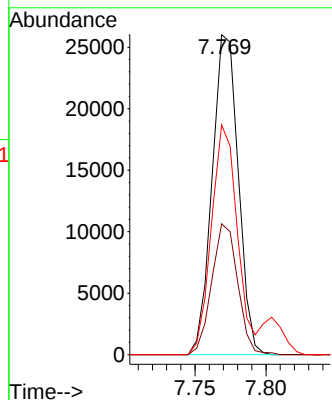
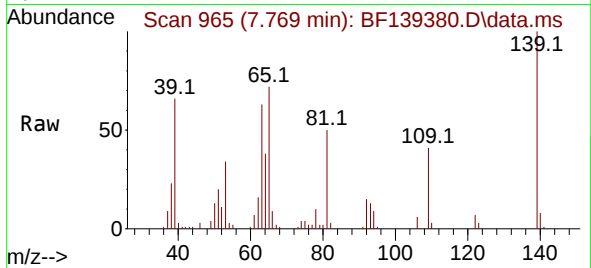




#26  
2-Nitrophenol  
Concen: 19.755 ng  
RT: 7.769 min Scan# 910  
Delta R.T. -0.006 min  
Lab File: BF139380.D  
Acq: 16 Sep 2024 13:13

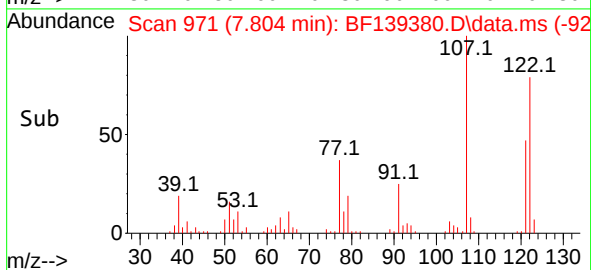
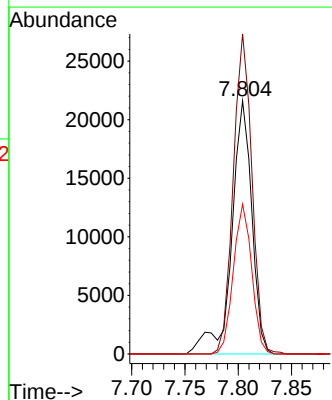
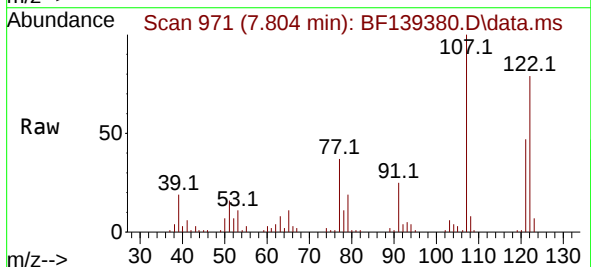
Instrument :  
BNA\_F  
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PT-ACIDS-WPDL

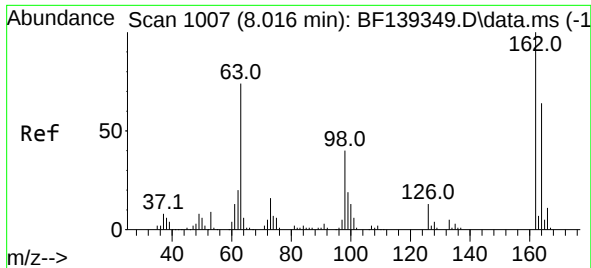
Tgt Ion:139 Resp: 33311  
Ion Ratio Lower Upper  
139 100  
109 40.9 32.2 48.2  
65 71.8 55.8 83.8



#27  
2,4-Dimethylphenol  
Concen: 12.757 ng  
RT: 7.804 min Scan# 971  
Delta R.T. -0.006 min  
Lab File: BF139380.D  
Acq: 16 Sep 2024 13:13

Tgt Ion:122 Resp: 28375  
Ion Ratio Lower Upper  
122 100  
107 126.4 99.1 148.7  
121 59.1 46.6 70.0





#29

2,4-Dichlorophenol

Concen: 9.890 ng

RT: 8.010 min Scan# 1007

Delta R.T. -0.006 min

Lab File: BF139380.D

Acq: 16 Sep 2024 13:13

Instrument :

BNA\_F

ClientSampleId :

PT-ACIDS-WPDL

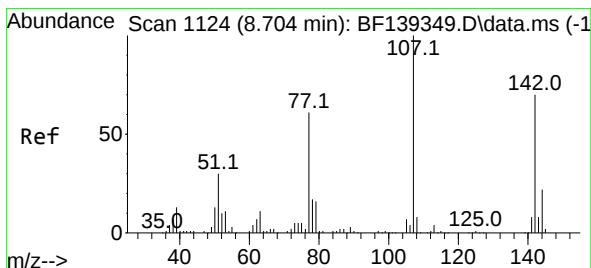
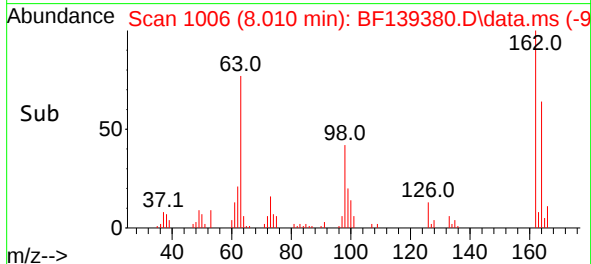
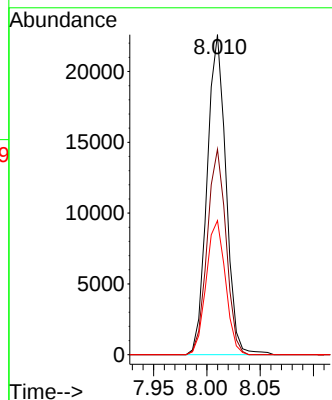
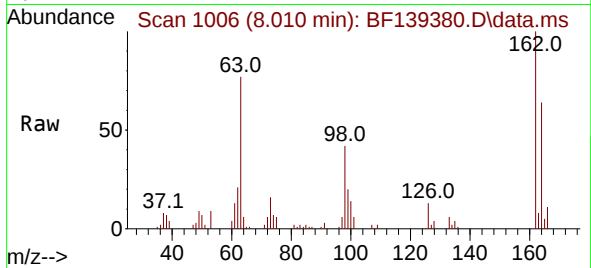
Tgt Ion:162 Resp: 27945

Ion Ratio Lower Upper

162 100

164 64.2 43.6 83.6

98 41.9 19.7 59.7



#36

4-Chloro-3-methylphenol

Concen: 28.495 ng

RT: 8.698 min Scan# 1123

Delta R.T. -0.006 min

Lab File: BF139380.D

Acq: 16 Sep 2024 13:13

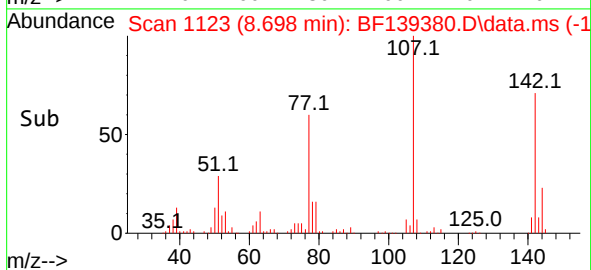
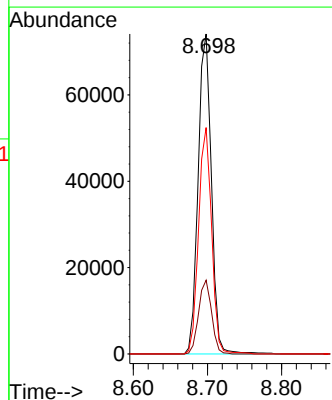
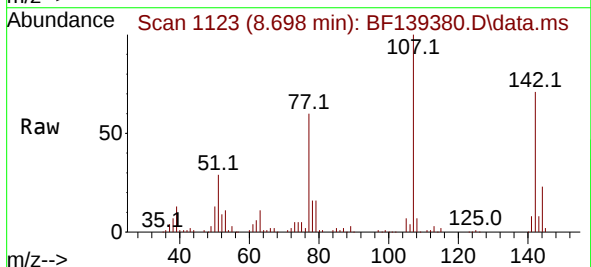
Tgt Ion:107 Resp: 92018

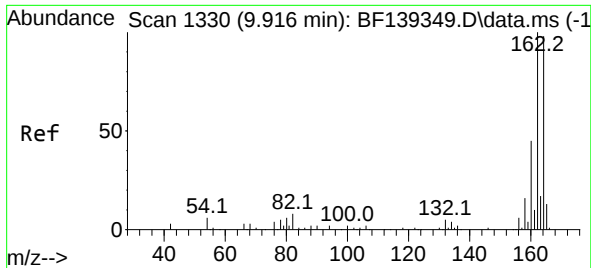
Ion Ratio Lower Upper

107 100

144 23.1 17.5 26.3

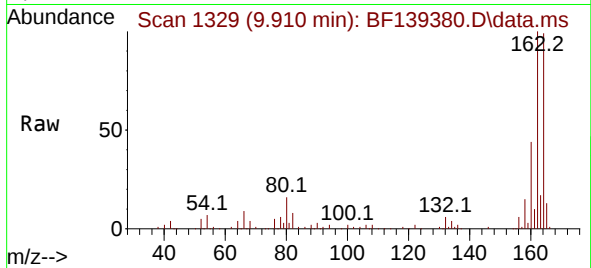
142 70.8 55.8 83.8



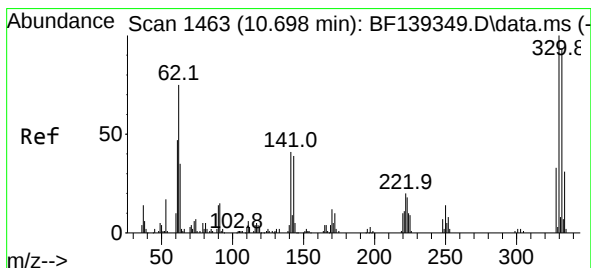
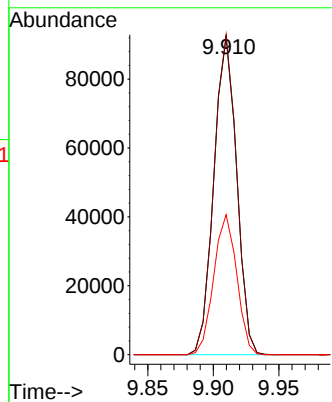
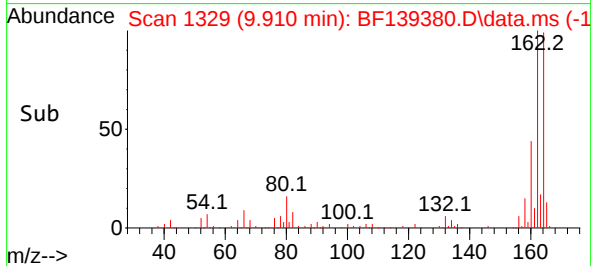


#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.910 min Scan# 111417  
Delta R.T. -0.006 min  
Lab File: BF139380.D  
Acq: 16 Sep 2024 13:13

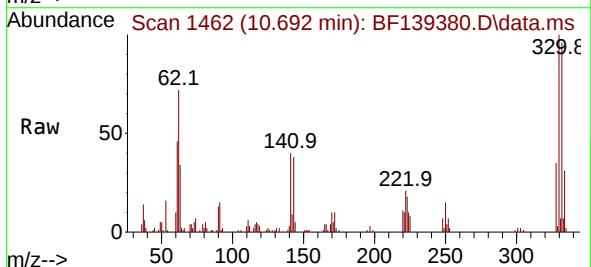
Instrument :  
BNA\_F  
ClientSampleId :  
PT-ACIDS-WPDL



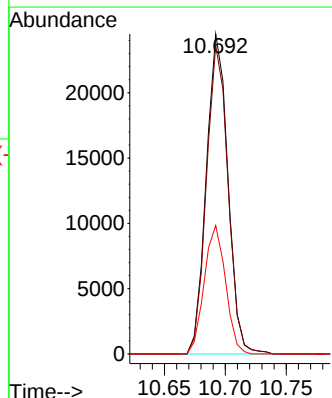
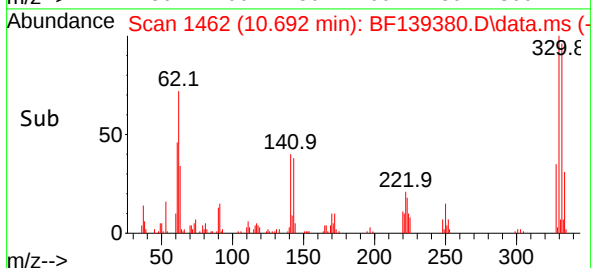
Tgt Ion:164 Resp: 111417  
Ion Ratio Lower Upper  
164 100  
162 100.8 81.3 121.9  
160 44.1 36.4 54.6

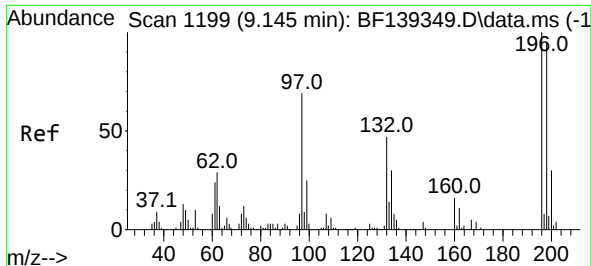


#42  
2,4,6-Tribromophenol  
Concen: 25.442 ng  
RT: 10.692 min Scan# 1462  
Delta R.T. -0.006 min  
Lab File: BF139380.D  
Acq: 16 Sep 2024 13:13



Tgt Ion:330 Resp: 30178  
Ion Ratio Lower Upper  
330 100  
332 96.1 75.2 112.8  
141 39.5 31.2 46.8

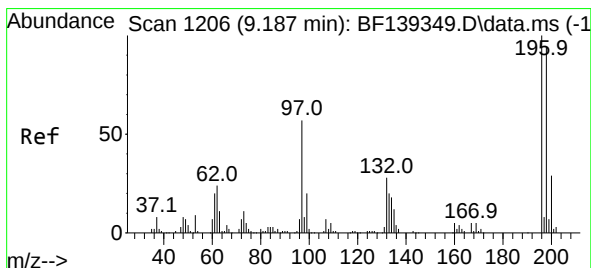
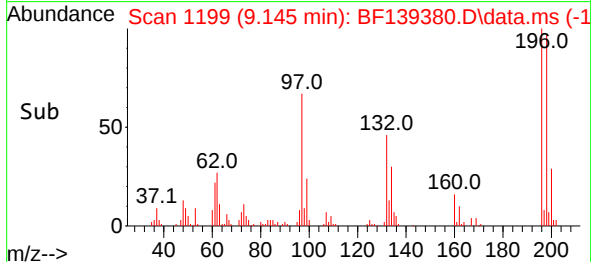
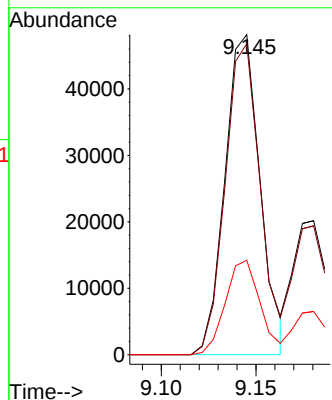
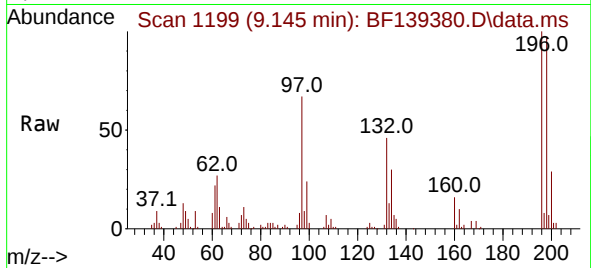




#43  
2,4,6-Trichlorophenol  
Concen: 28.947 ng  
RT: 9.145 min Scan# 1199  
Delta R.T. -0.000 min  
Lab File: BF139380.D  
Acq: 16 Sep 2024 13:13

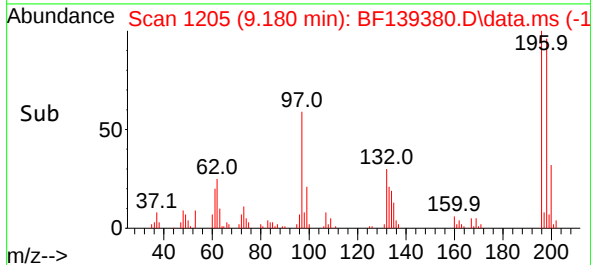
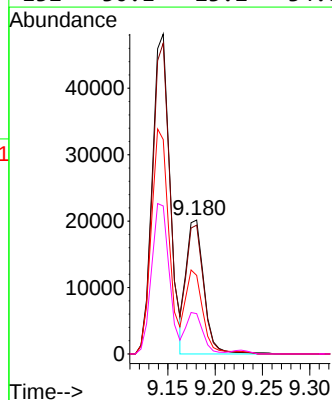
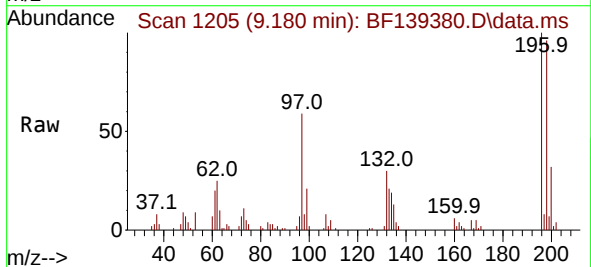
Instrument :  
BNA\_F  
ClientSampleId :  
PT-ACIDS-WPDL

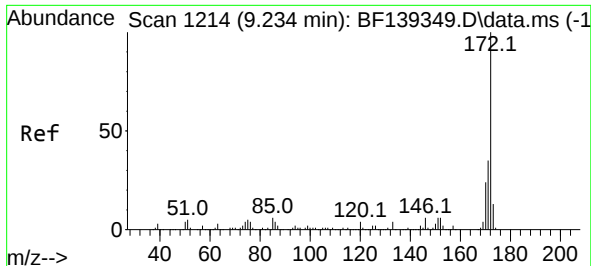
Tgt Ion:196 Resp: 62186  
Ion Ratio Lower Upper  
196 100  
198 97.2 75.8 113.6  
200 29.5 24.1 36.1



#44  
2,4,5-Trichlorophenol  
Concen: 11.658 ng  
RT: 9.180 min Scan# 1205  
Delta R.T. -0.006 min  
Lab File: BF139380.D  
Acq: 16 Sep 2024 13:13

Tgt Ion:196 Resp: 26419  
Ion Ratio Lower Upper  
196 100  
198 96.2 74.8 112.2  
97 58.6 47.3 70.9  
132 30.1 23.2 34.8





#45

2-Fluorobiphenyl

Concen: 18.138 ng

RT: 9.227 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139380.D

Acq: 16 Sep 2024 13:13

Instrument :

BNA\_F

ClientSampleId :

PT-ACIDS-WPDL

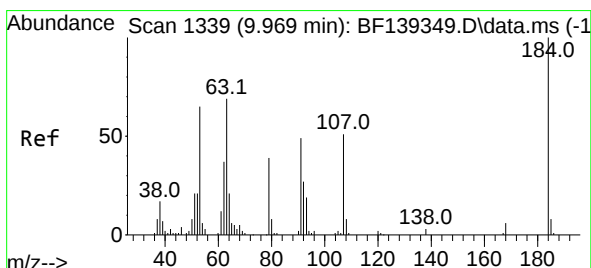
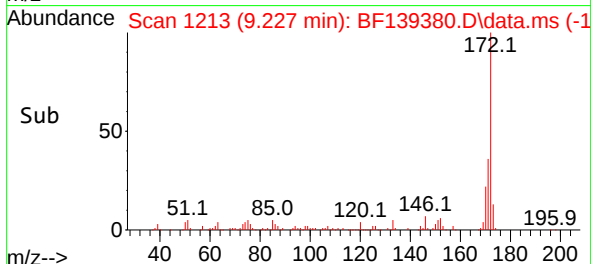
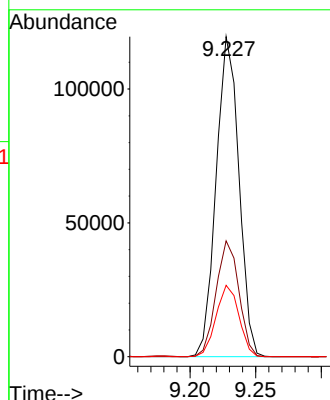
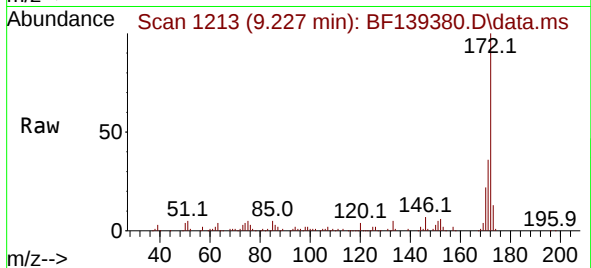
Tgt Ion:172 Resp: 144091

Ion Ratio Lower Upper

172 100

171 36.2 28.3 42.5

170 22.3 19.0 28.6



#54

2,4-Dinitrophenol

Concen: 21.368 ng

RT: 9.963 min Scan# 1338

Delta R.T. -0.006 min

Lab File: BF139380.D

Acq: 16 Sep 2024 13:13

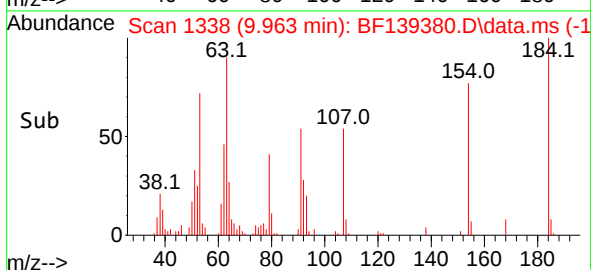
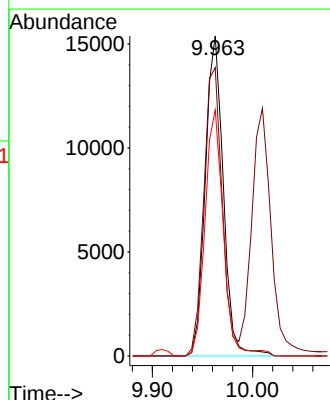
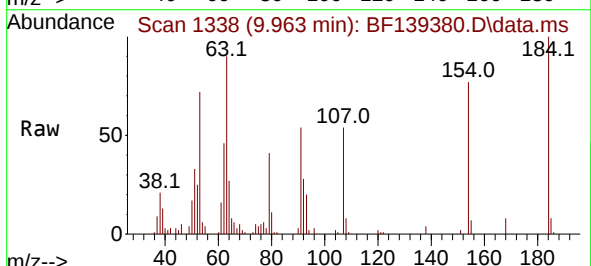
Tgt Ion:184 Resp: 19289

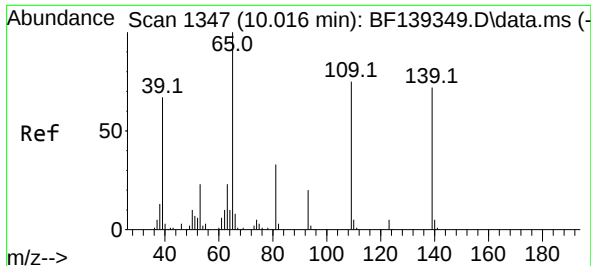
Ion Ratio Lower Upper

184 100

63 90.1 69.3 103.9

154 76.8 67.5 101.3

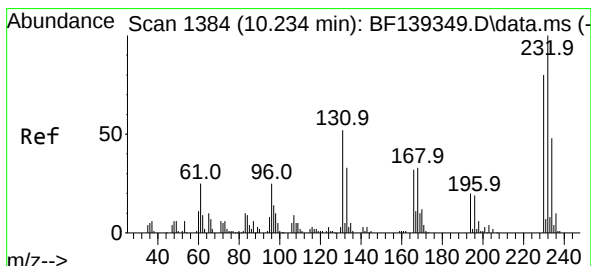
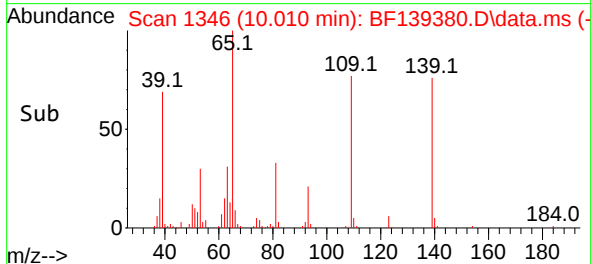
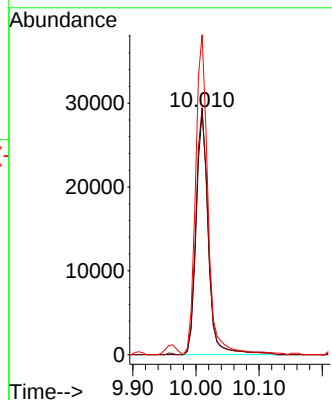
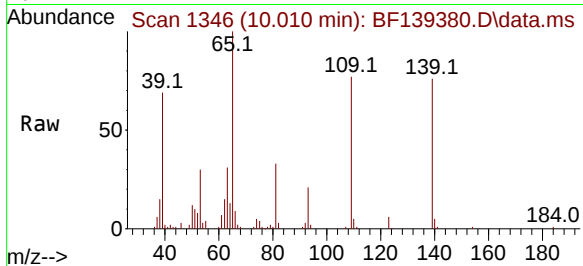




#56  
4-Nitrophenol  
Concen: 29.054 ng  
RT: 10.010 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF139380.D  
Acq: 16 Sep 2024 13:13

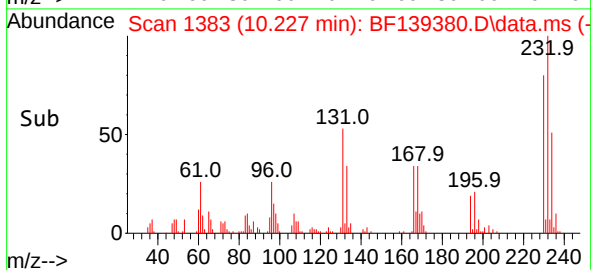
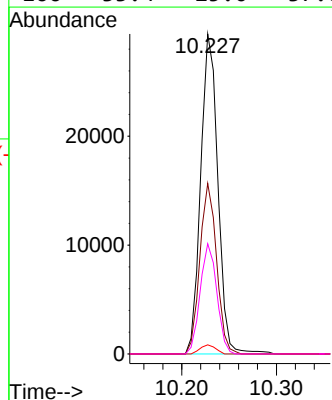
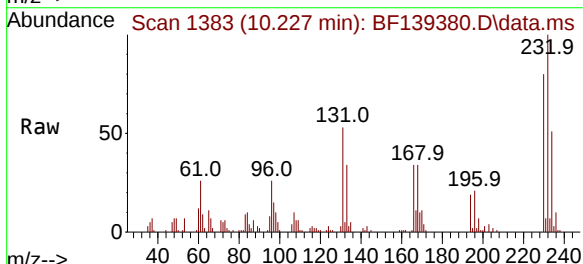
Instrument :  
BNA\_F  
ClientSampleId :  
PT-ACIDS-WPDL

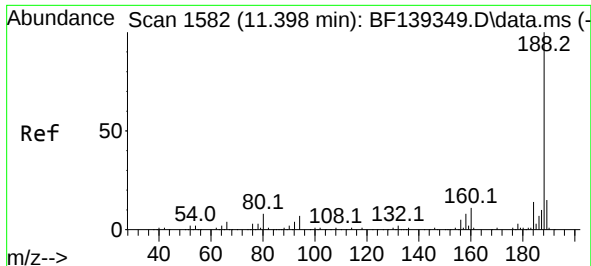
Tgt Ion:139 Resp: 38922  
Ion Ratio Lower Upper  
139 100  
109 101.9 84.1 124.1  
65 132.1 120.0 160.0



#59  
2,3,4,6-Tetrachlorophenol  
Concen: 19.746 ng  
RT: 10.227 min Scan# 1383  
Delta R.T. -0.006 min  
Lab File: BF139380.D  
Acq: 16 Sep 2024 13:13

Tgt Ion:232 Resp: 37016  
Ion Ratio Lower Upper  
232 100  
131 51.8 40.7 61.1  
130 2.6 2.2 3.2  
166 33.4 25.0 37.6

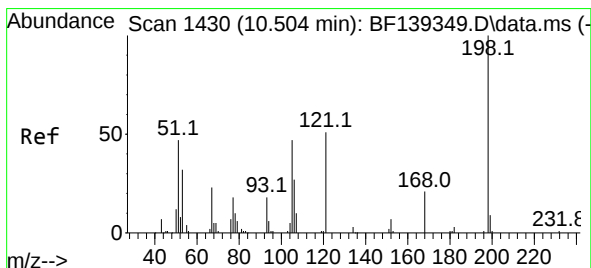
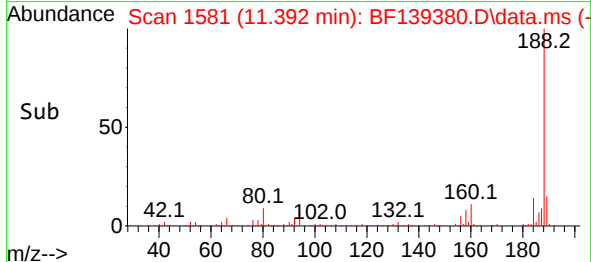
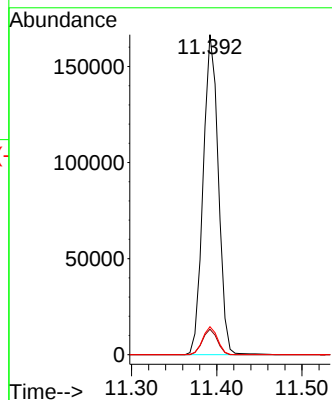
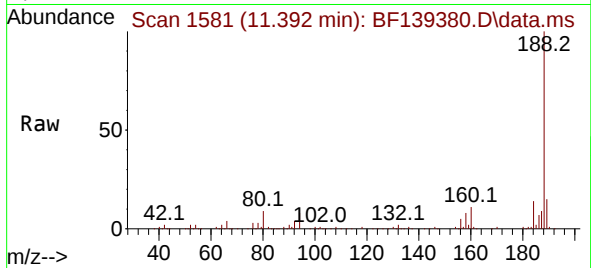




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.392 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF139380.D  
Acq: 16 Sep 2024 13:13

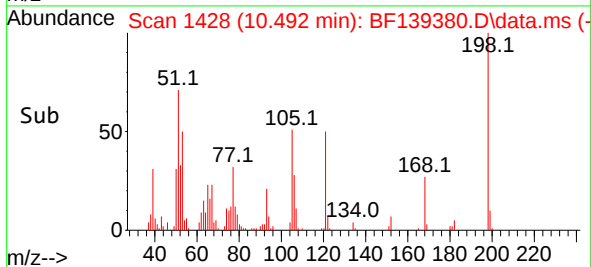
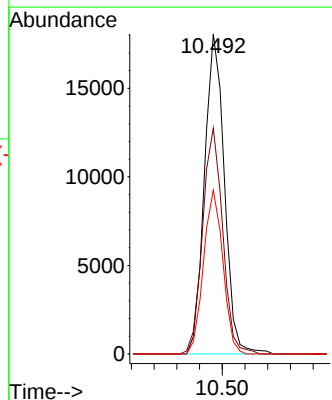
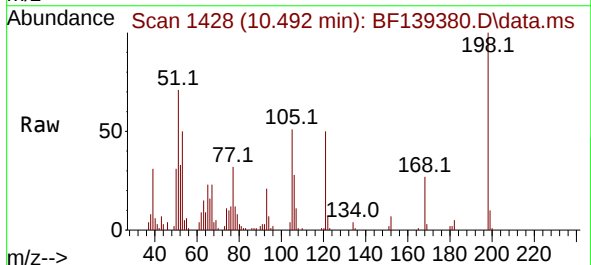
Instrument :  
BNA\_F  
ClientSampleId :  
PT-ACIDS-WPDL

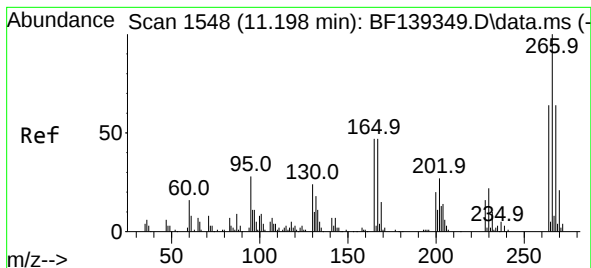
Tgt Ion:188 Resp: 205713  
Ion Ratio Lower Upper  
188 100  
94 8.0 5.5 8.3  
80 8.7 6.6 9.8



#65  
4,6-Dinitro-2-methylphenol  
Concen: 20.246 ng  
RT: 10.492 min Scan# 1428  
Delta R.T. -0.012 min  
Lab File: BF139380.D  
Acq: 16 Sep 2024 13:13

Tgt Ion:198 Resp: 21982  
Ion Ratio Lower Upper  
198 100  
51 70.6 50.4 90.4  
105 51.2 28.3 68.3





#70

Pentachlorophenol

Concen: 6.397 ng

RT: 11.192 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139380.D

Acq: 16 Sep 2024 13:13

Instrument :

BNA\_F

ClientSampleId :

PT-ACIDS-WPDL

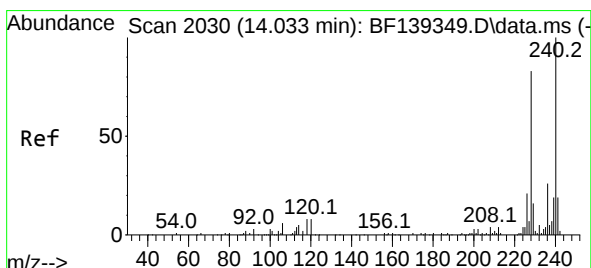
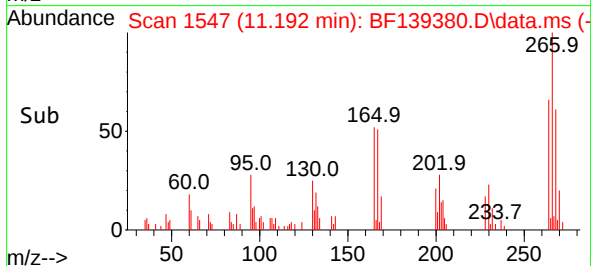
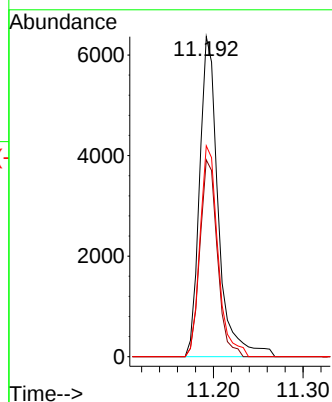
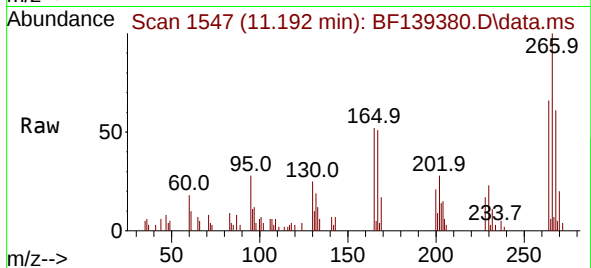
Tgt Ion:266 Resp: 9184

Ion Ratio Lower Upper

266 100

268 61.5 51.1 76.7

264 65.9 51.4 77.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF139380.D

Acq: 16 Sep 2024 13:13

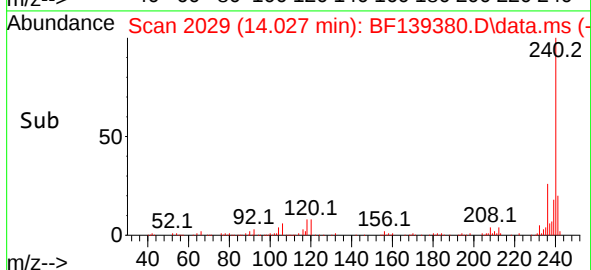
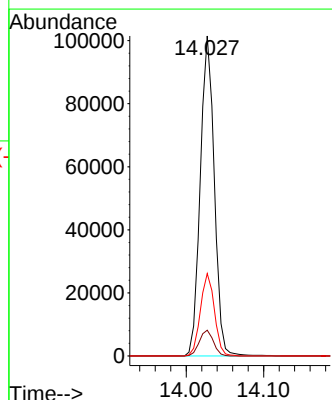
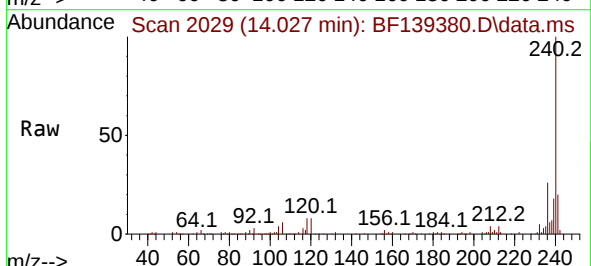
Tgt Ion:240 Resp: 127464

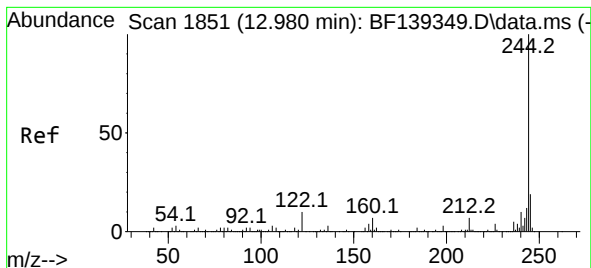
Ion Ratio Lower Upper

240 100

120 8.1 6.2 9.2

236 25.8 20.9 31.3





#79

Terphenyl-d14

Concen: 18.957 ng

RT: 12.974 min Scan# 1850

Delta R.T. -0.006 min

Lab File: BF139380.D

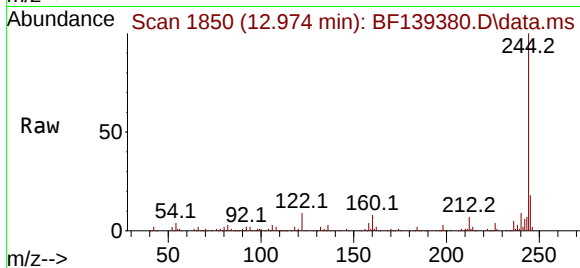
Acq: 16 Sep 2024 13:13

Instrument :

BNA\_F

ClientSampleId :

PT-ACIDS-WPDL



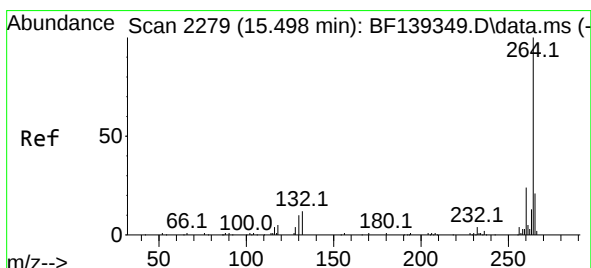
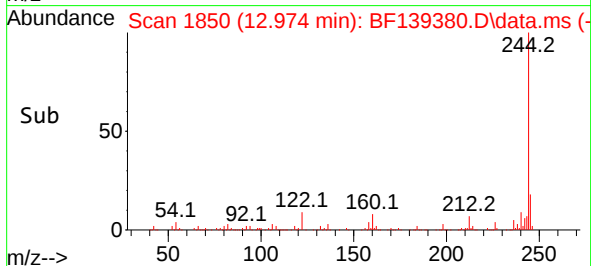
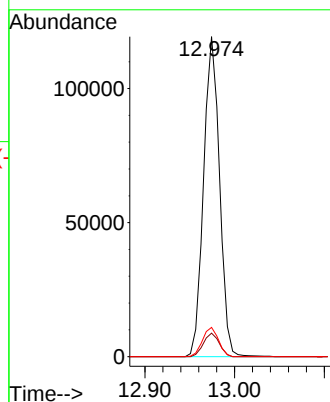
Tgt Ion:244 Resp: 147214

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

122 9.2 7.6 11.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 2279

Delta R.T. -0.000 min

Lab File: BF139380.D

Acq: 16 Sep 2024 13:13

Tgt Ion:264 Resp: 107390

Ion Ratio Lower Upper

264 100

260 23.5 19.5 29.3

265 21.4 16.6 25.0

