

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF070524\  
 Data File : BF138463.D  
 Acq On : 05 Jul 2024 12:22  
 Operator : CG\JU  
 Sample : PB161894BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB161894BL

Quant Time: Jul 05 12:48:15 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF062824.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Jun 29 02:44:30 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.869  | 152  | 127423   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.151  | 136  | 519008   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.910  | 164  | 300168   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.392 | 188  | 504441   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.033 | 240  | 227033   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.504 | 264  | 215521   | 20.000  | ng    | 0.01     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.510  | 112  | 953549   | 124.070 | ng    | 0.01     |
| 7) Phenol-d6                | 6.510  | 99   | 1289156  | 124.518 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.434  | 82   | 846500   | 84.727  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.704 | 330  | 299480   | 122.117 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.234  | 172  | 1464671  | 77.655  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.986 | 244  | 1349341  | 81.449  | ng    | 0.00     |

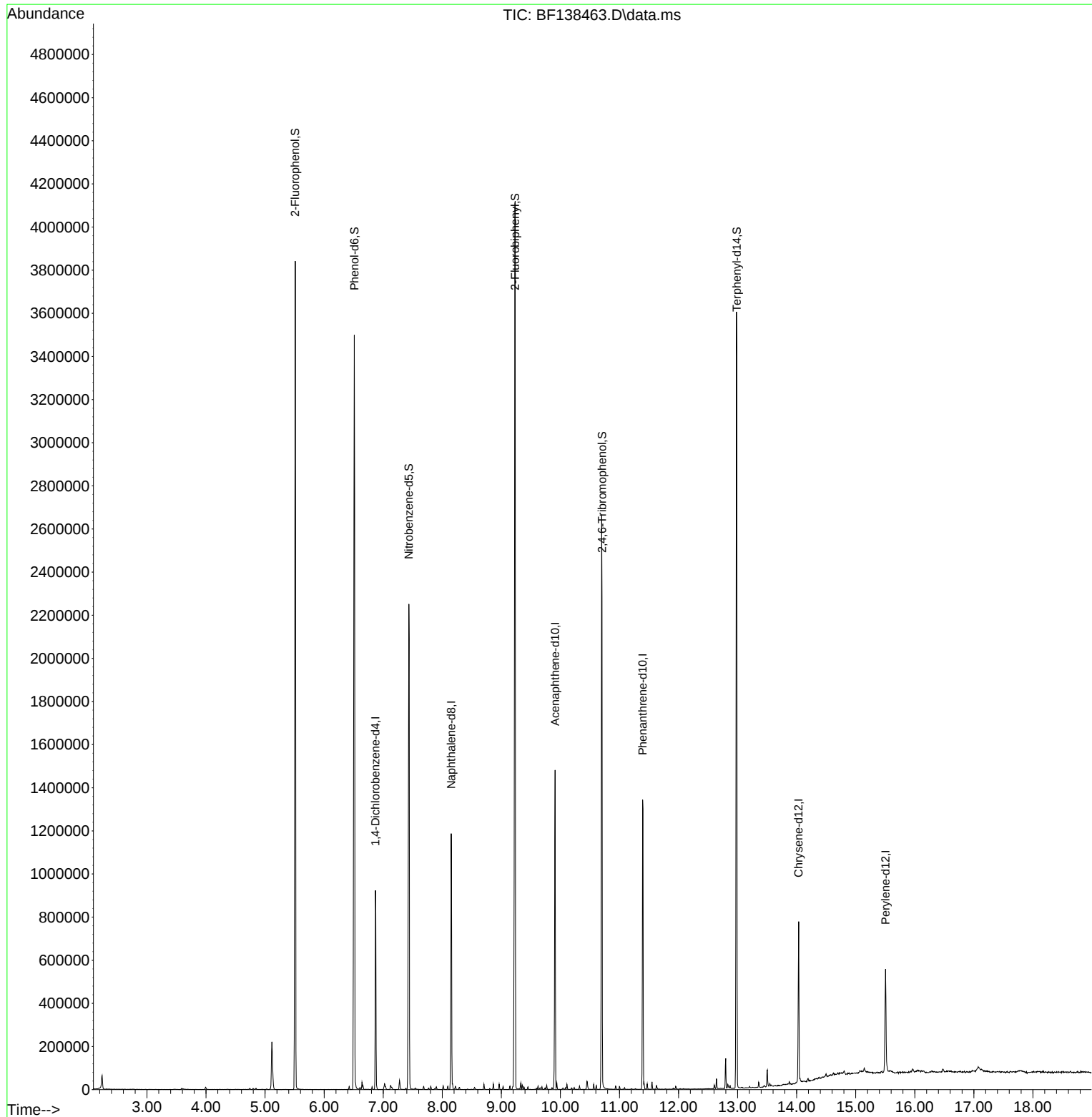
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

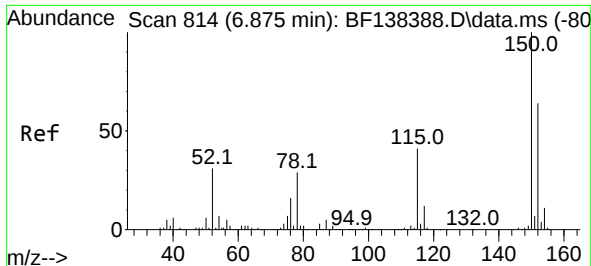
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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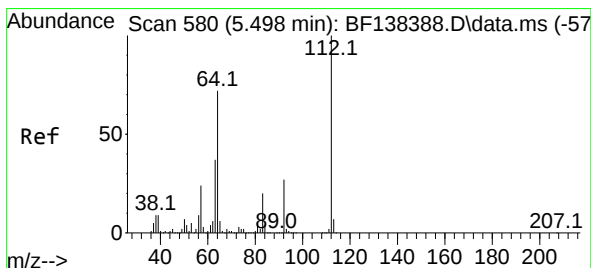
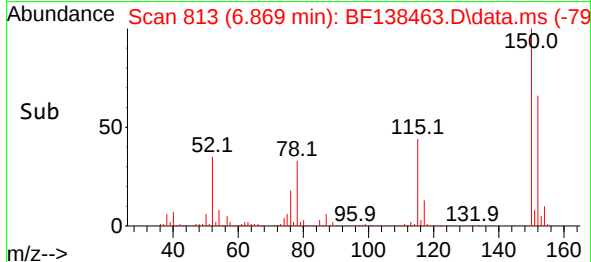
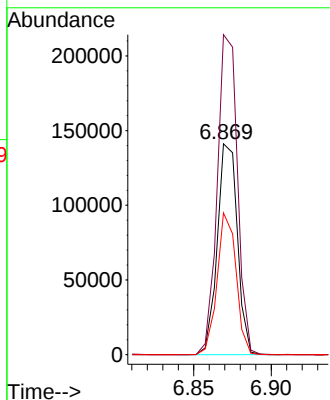
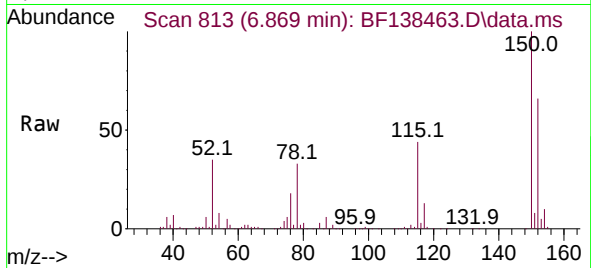




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.869 min Scan# 814  
Delta R.T. -0.006 min  
Lab File: BF138463.D  
Acq: 05 Jul 2024 12:22

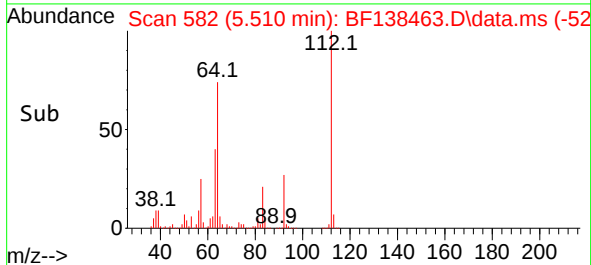
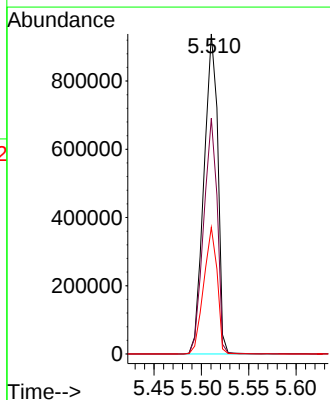
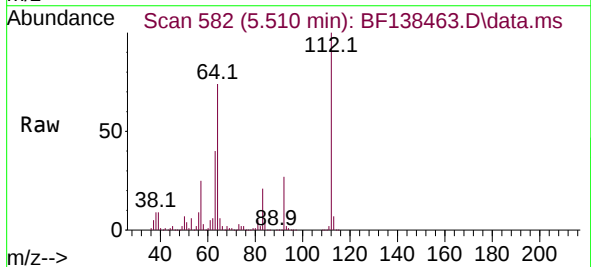
Instrument :  
BNA\_F  
ClientSampleId :  
PB161894BL

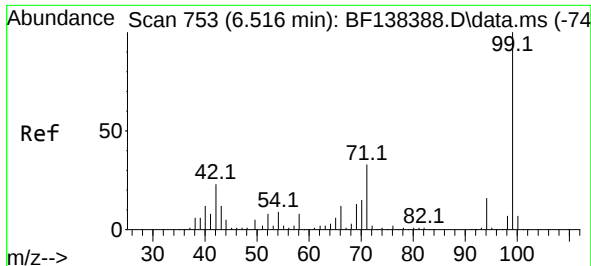
Tgt Ion:152 Resp: 127423  
Ion Ratio Lower Upper  
152 100  
150 151.7 124.9 187.3  
115 67.2 50.8 76.2



#5  
2-Fluorophenol  
Concen: 124.070 ng  
RT: 5.510 min Scan# 582  
Delta R.T. 0.012 min  
Lab File: BF138463.D  
Acq: 05 Jul 2024 12:22

Tgt Ion:112 Resp: 953549  
Ion Ratio Lower Upper  
112 100  
64 73.6 57.2 85.8  
63 39.5 29.4 44.0

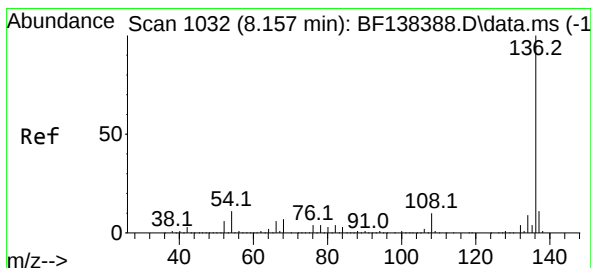
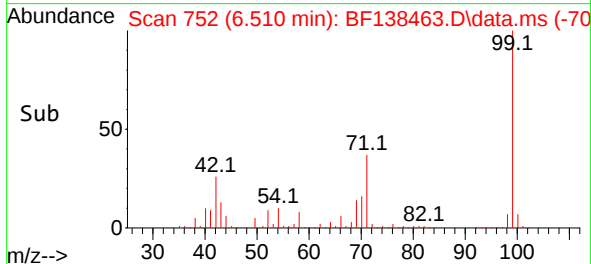
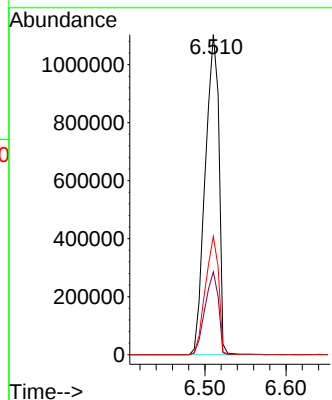
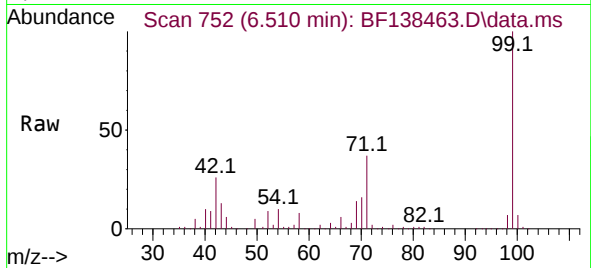




#7  
Phenol-d6  
Concen: 124.518 ng  
RT: 6.510 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF138463.D  
Acq: 05 Jul 2024 12:22

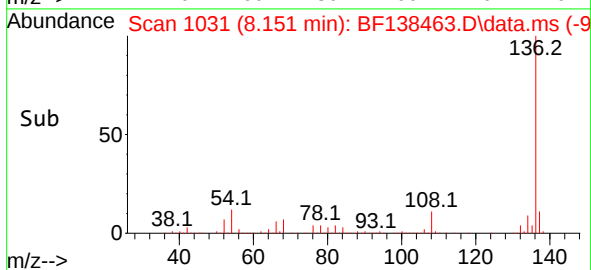
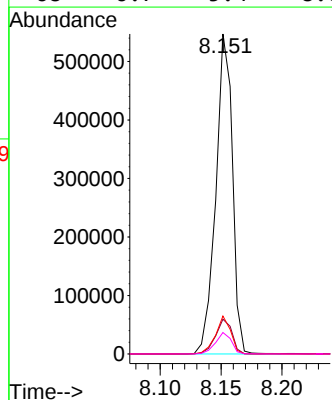
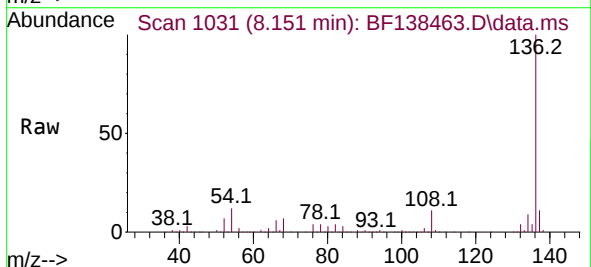
Instrument :  
BNA\_F  
ClientSampleId :  
PB161894BL

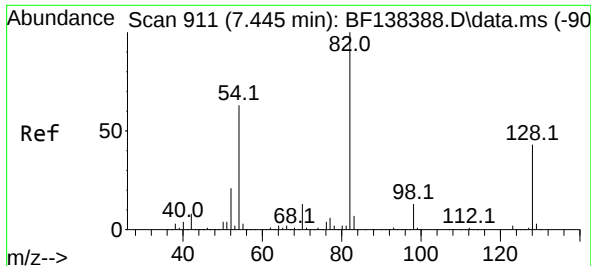
Tgt Ion: 99 Resp: 1289156  
Ion Ratio Lower Upper  
99 100  
42 25.9 18.5 27.7  
71 37.0 26.1 39.1



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.151 min Scan# 1031  
Delta R.T. -0.006 min  
Lab File: BF138463.D  
Acq: 05 Jul 2024 12:22

Tgt Ion: 136 Resp: 519008  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.8 13.2  
54 11.8 9.0 13.4  
68 6.7 5.4 8.0





#23

Nitrobenzene-d5

Concen: 84.727 ng

RT: 7.434 min Scan# 90

Delta R.T. -0.011 min

Lab File: BF138463.D

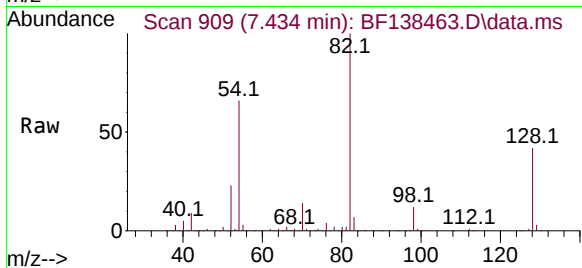
Acq: 05 Jul 2024 12:22

Instrument :

BNA\_F

ClientSampleId :

PB161894BL



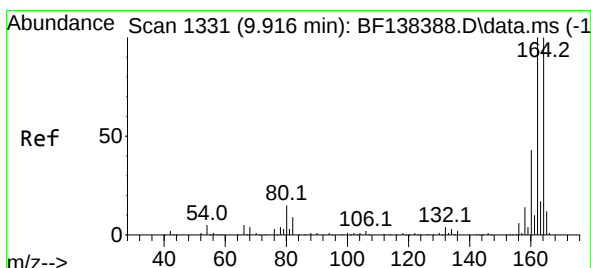
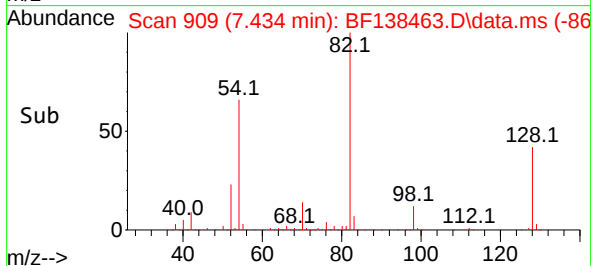
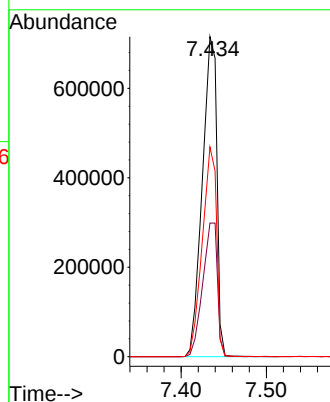
Tgt Ion: 82 Resp: 846500

Ion Ratio Lower Upper

82 100

128 41.7 34.6 52.0

54 65.5 50.5 75.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1330

Delta R.T. -0.006 min

Lab File: BF138463.D

Acq: 05 Jul 2024 12:22

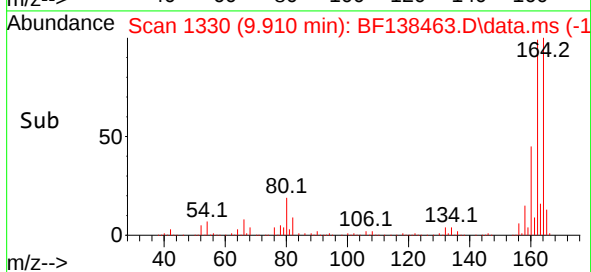
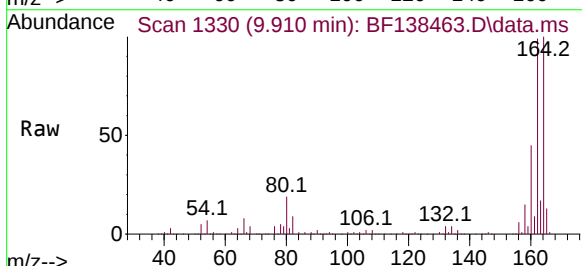
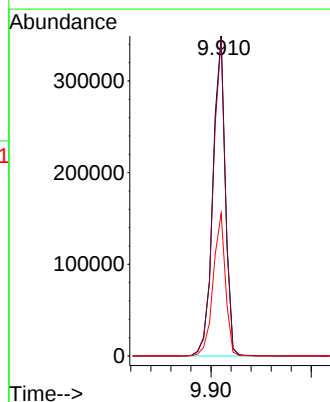
Tgt Ion: 164 Resp: 300168

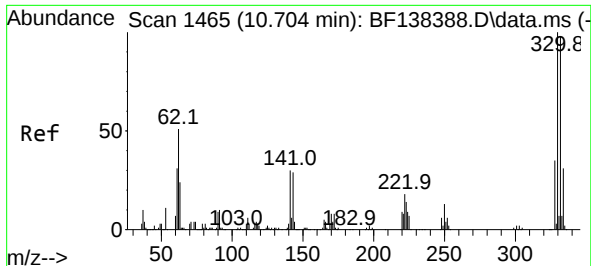
Ion Ratio Lower Upper

164 100

162 99.2 80.1 120.1

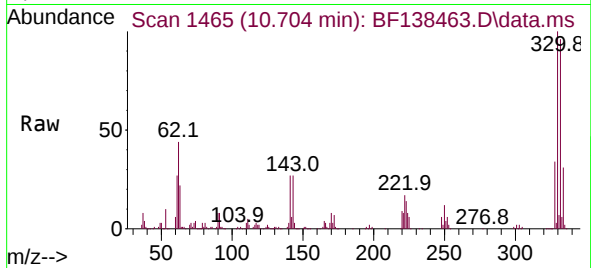
160 44.5 34.1 51.1



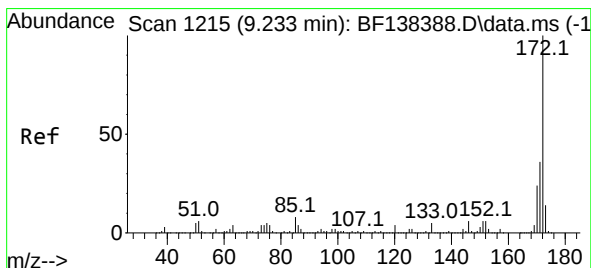
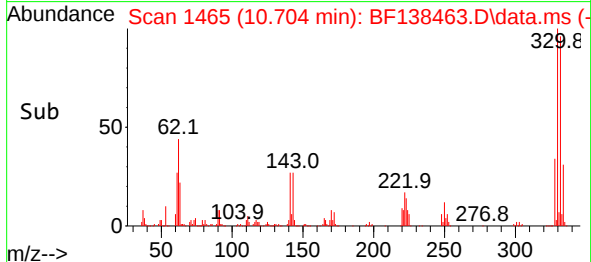
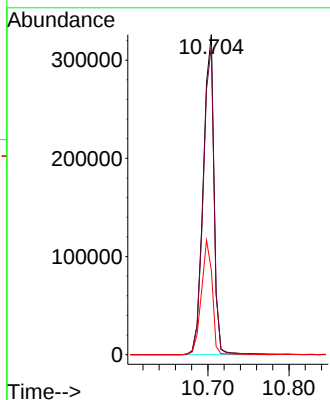


#42  
2,4,6-Tribromophenol  
Concen: 122.117 ng  
RT: 10.704 min Scan# 1465  
Delta R.T. 0.000 min  
Lab File: BF138463.D  
Acq: 05 Jul 2024 12:22

Instrument :  
BNA\_F  
ClientSampleId :  
PB161894BL

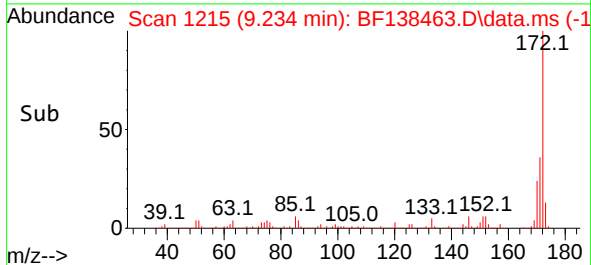
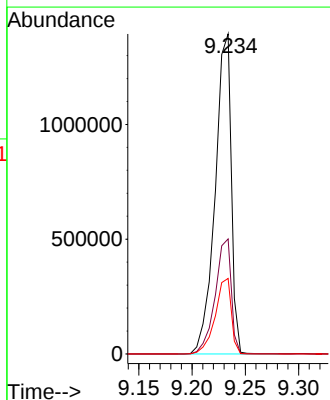
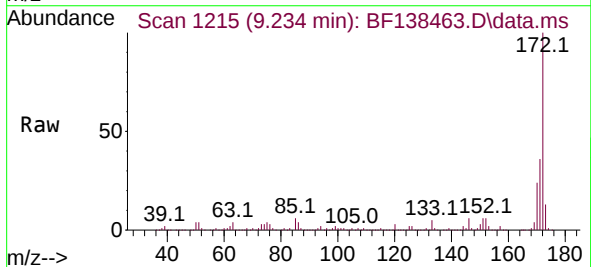


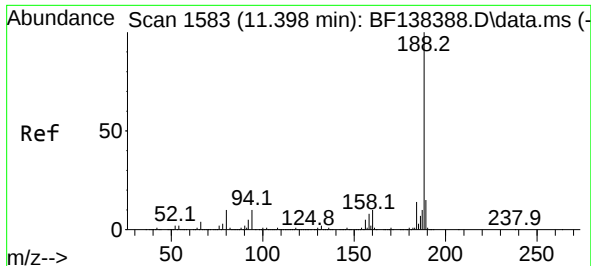
Tgt Ion: 330 Resp: 299480  
Ion Ratio Lower Upper  
330 100  
332 97.1 77.0 115.6  
141 36.1 28.1 42.1



#45  
2-Fluorobiphenyl  
Concen: 77.655 ng  
RT: 9.234 min Scan# 1215  
Delta R.T. 0.001 min  
Lab File: BF138463.D  
Acq: 05 Jul 2024 12:22

Tgt Ion: 172 Resp: 1464671  
Ion Ratio Lower Upper  
172 100  
171 36.0 29.0 43.4  
170 23.6 19.0 28.6

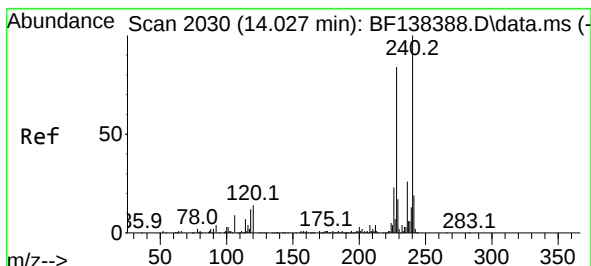
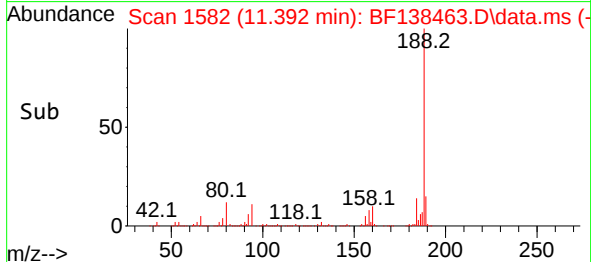
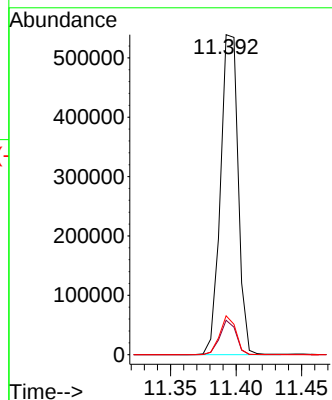
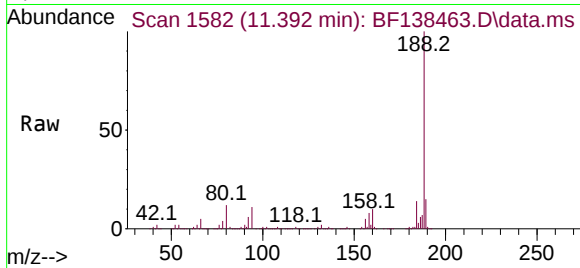




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.392 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF138463.D  
Acq: 05 Jul 2024 12:22

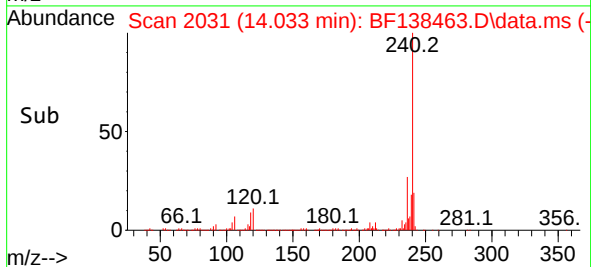
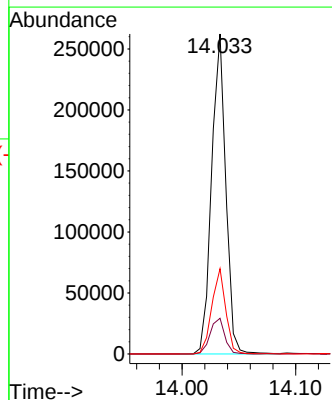
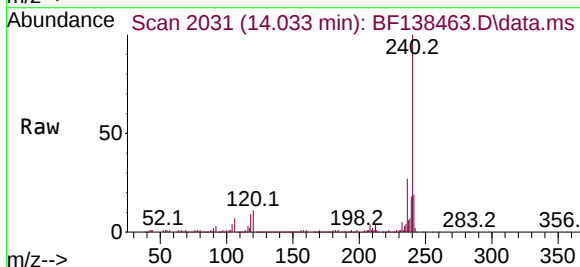
Instrument :  
BNA\_F  
ClientSampleId :  
PB161894BL

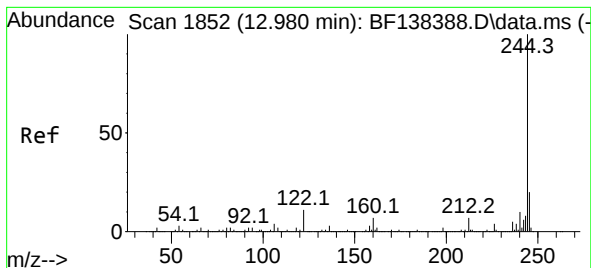
Tgt Ion:188 Resp: 504441  
Ion Ratio Lower Upper  
188 100  
94 10.7 8.0 12.0  
80 12.1 8.2 12.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.033 min Scan# 2031  
Delta R.T. 0.006 min  
Lab File: BF138463.D  
Acq: 05 Jul 2024 12:22

Tgt Ion:240 Resp: 227033  
Ion Ratio Lower Upper  
240 100  
120 11.1 10.9 16.3  
236 26.6 20.6 30.8





#79

Terphenyl-d14

Concen: 81.449 ng

RT: 12.986 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF138463.D

Acq: 05 Jul 2024 12:22

Instrument :

BNA\_F

ClientSampleId :

PB161894BL

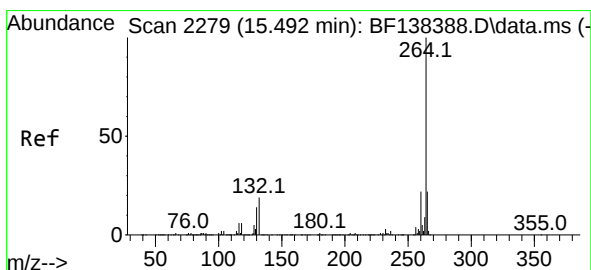
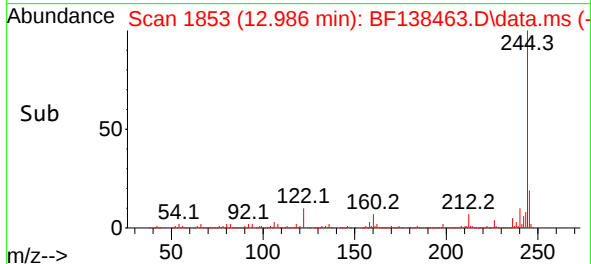
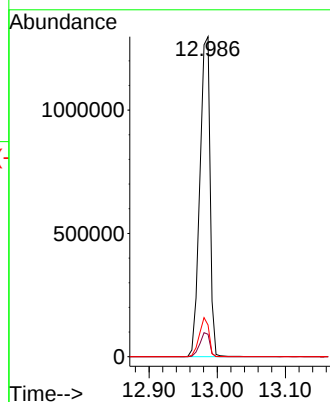
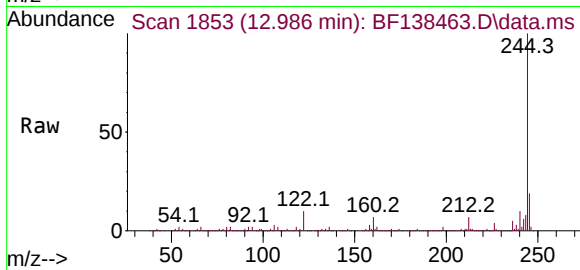
Tgt Ion:244 Resp: 1349341

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 9.9 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.504 min Scan# 2281

Delta R.T. 0.012 min

Lab File: BF138463.D

Acq: 05 Jul 2024 12:22

Tgt Ion:264 Resp: 215521

Ion Ratio Lower Upper

264 100

260 24.0 17.8 26.6

265 21.9 17.5 26.3

