

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF081424\  
 Data File : BF139006.D  
 Acq On : 14 Aug 2024 21:17  
 Operator : RC/JU  
 Sample : P3475-01  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 S-866-N-S0-0-0.5-080524

Quant Time: Aug 15 01:14:01 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF073024.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jul 30 17:50:01 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.834  | 152  | 26356    | 20.000 | ng    | -0.01    |
| 21) Naphthalene-d8          | 8.116  | 136  | 88624    | 20.000 | ng    | -0.01    |
| 39) Acenaphthene-d10        | 9.869  | 164  | 40693    | 20.000 | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.357 | 188  | 80415    | 20.000 | ng    | -0.01    |
| 76) Chrysene-d12            | 13.998 | 240  | 55037    | 20.000 | ng    | # 0.00   |
| 86) Perylene-d12            | 15.463 | 264  | 41958    | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.469  | 112  | 81354    | 47.648 | ng    | 0.00     |
| 7) Phenol-d6                | 6.481  | 99   | 102681   | 44.793 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.398  | 82   | 60114    | 33.163 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.657 | 330  | 17135    | 51.405 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.186  | 172  | 73325    | 27.074 | ng    | -0.02    |
| 79) Terphenyl-d14           | 12.933 | 244  | 101300   | 30.816 | ng    | -0.01    |

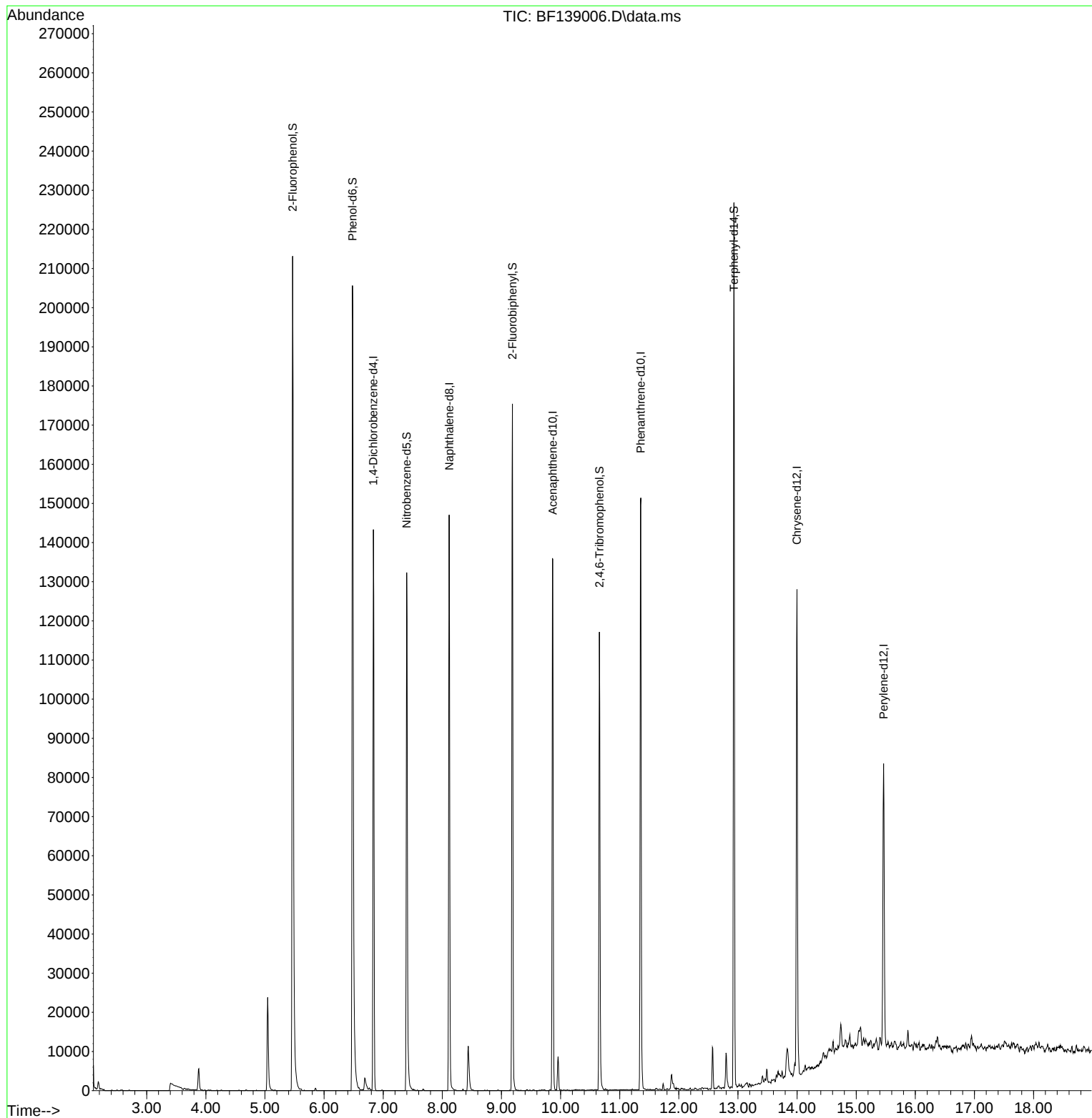
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

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

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Quant Time: Aug 15 01:14:01 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF073024.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Jul 30 17:50:01 2024  
Response via : Initial Calibration

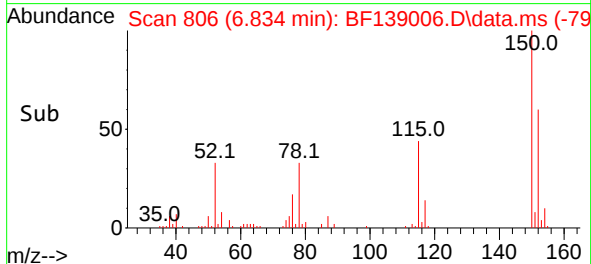
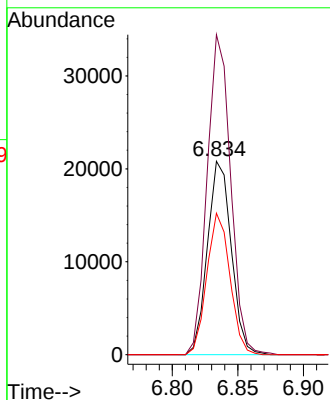
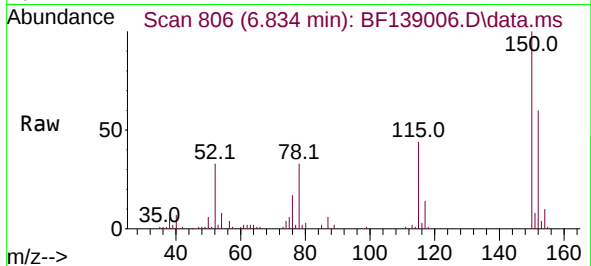




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.834 min Scan# 80  
Delta R.T. -0.011 min  
Lab File: BF139006.D  
Acq: 14 Aug 2024 21:17

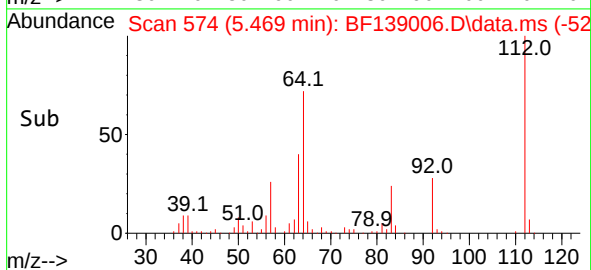
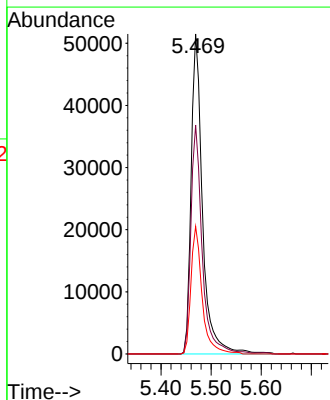
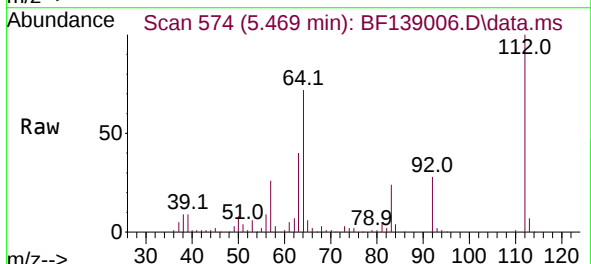
Instrument :  
BNA\_F  
ClientSampleId :  
S-866-N-S0-0-0.5-080524

Tgt Ion:152 Resp: 26356  
Ion Ratio Lower Upper  
152 100  
150 165.4 126.0 189.0  
115 73.2 51.7 77.5



#5  
2-Fluorophenol  
Concen: 47.648 ng  
RT: 5.469 min Scan# 574  
Delta R.T. 0.000 min  
Lab File: BF139006.D  
Acq: 14 Aug 2024 21:17

Tgt Ion:112 Resp: 81354  
Ion Ratio Lower Upper  
112 100  
64 71.6 54.2 81.4  
63 39.8 28.7 43.1

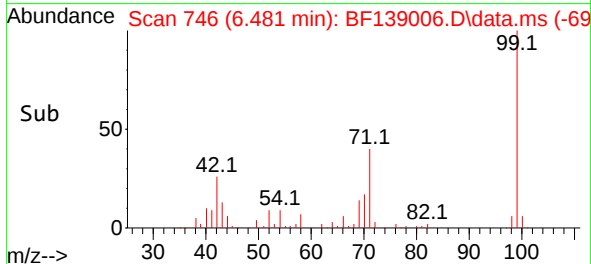
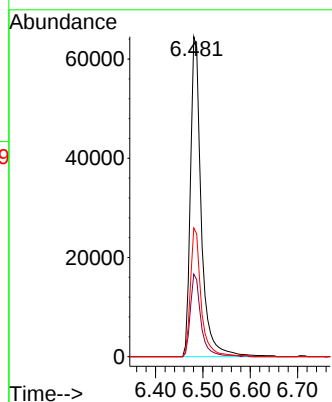
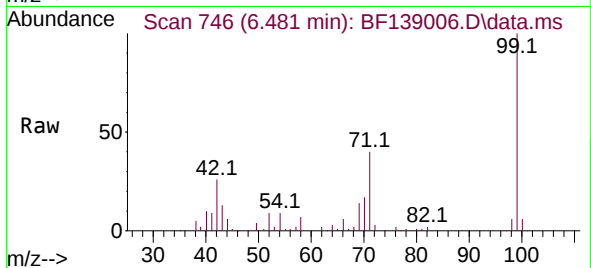




#7  
Phenol-d6  
Concen: 44.793 ng  
RT: 6.481 min Scan# 74  
Delta R.T. -0.006 min  
Lab File: BF139006.D  
Acq: 14 Aug 2024 21:17

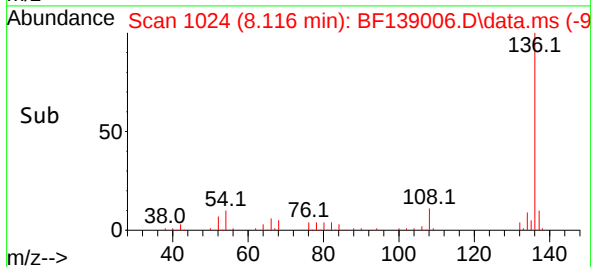
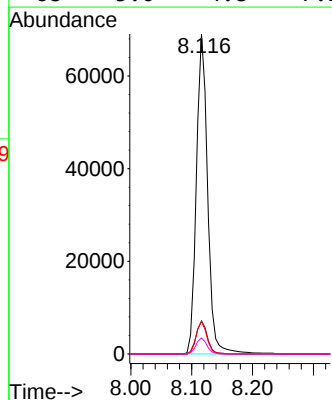
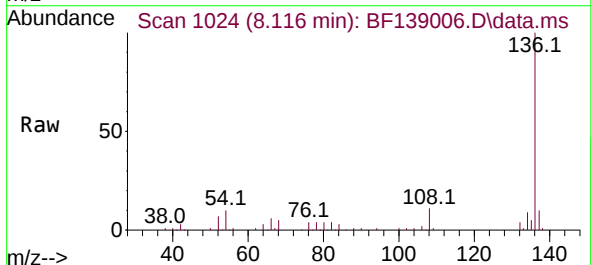
Instrument :  
BNA\_F  
ClientSampleId :  
S-866-N-S0-0-0.5-080524

Tgt Ion: 99 Resp: 102681  
Ion Ratio Lower Upper  
99 100  
42 25.8 17.4 26.0  
71 40.2 28.1 42.1



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.116 min Scan# 1024  
Delta R.T. -0.012 min  
Lab File: BF139006.D  
Acq: 14 Aug 2024 21:17

Tgt Ion: 136 Resp: 88624  
Ion Ratio Lower Upper  
136 100  
137 10.4 8.9 13.3  
54 10.1 8.6 12.8  
68 5.0 4.8 7.2





#23

Nitrobenzene-d5

Concen: 33.163 ng

RT: 7.398 min Scan# 904

Delta R.T. -0.012 min

Lab File: BF139006.D

Acq: 14 Aug 2024 21:17

Instrument :

BNA\_F

ClientSampleId :

S-866-N-S0-0-0.5-080524

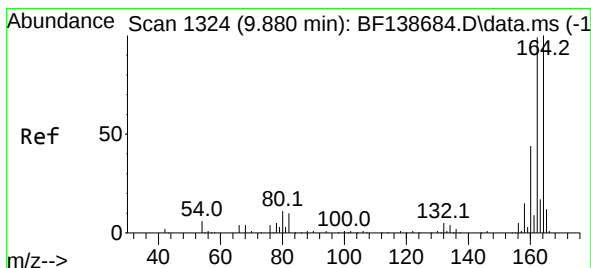
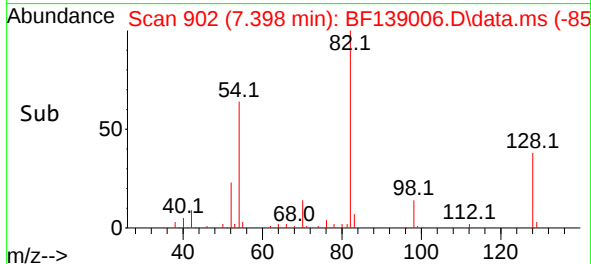
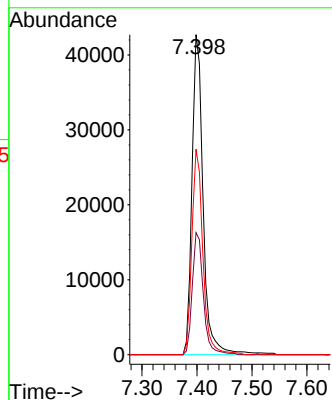
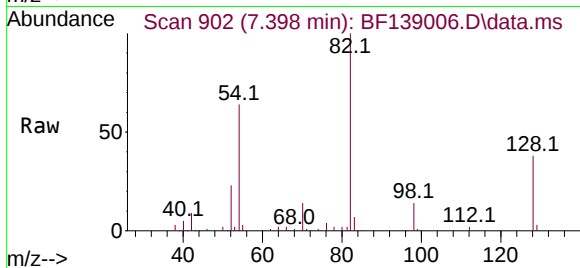
Tgt Ion: 82 Resp: 60114

Ion Ratio Lower Upper

82 100

128 38.1 32.8 49.2

54 64.2 48.3 72.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1322

Delta R.T. -0.011 min

Lab File: BF139006.D

Acq: 14 Aug 2024 21:17

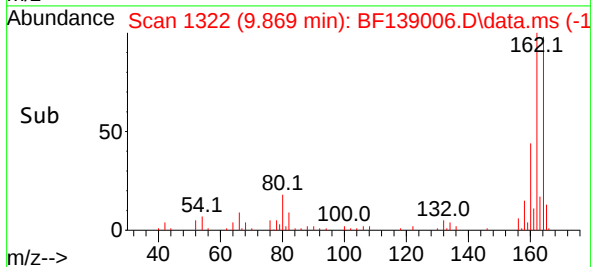
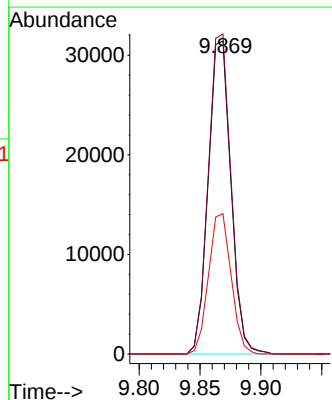
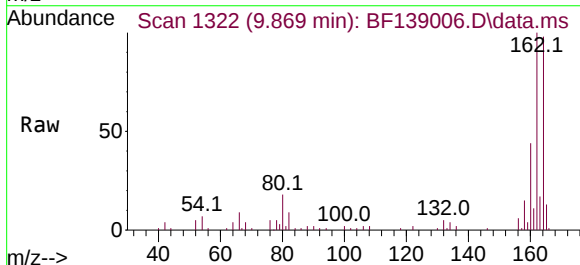
Tgt Ion:164 Resp: 40693

Ion Ratio Lower Upper

164 100

162 102.2 79.4 119.0

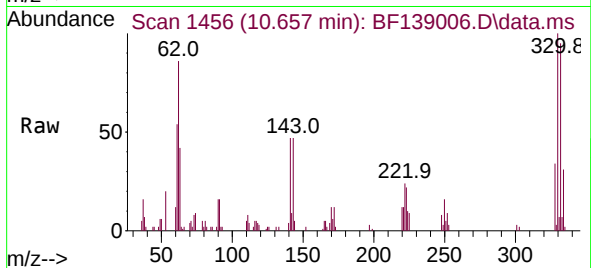
160 44.9 35.1 52.7



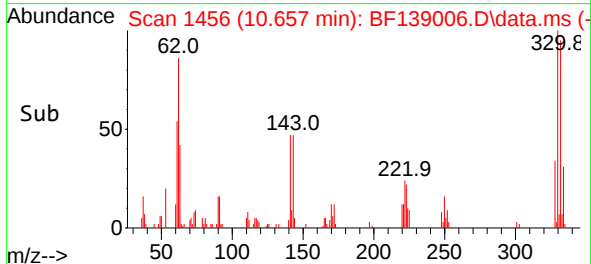
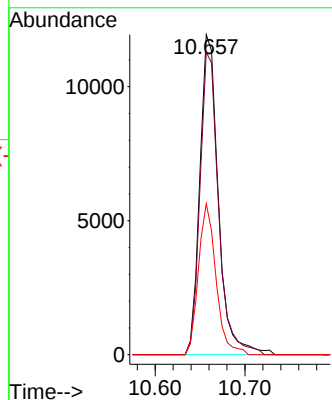


#42  
2,4,6-Tribromophenol  
Concen: 51.405 ng  
RT: 10.657 min Scan# 1458  
Delta R.T. -0.012 min  
Lab File: BF139006.D  
Acq: 14 Aug 2024 21:17

Instrument :  
BNA\_F  
ClientSampleId :  
S-866-N-S0-0-0.5-080524

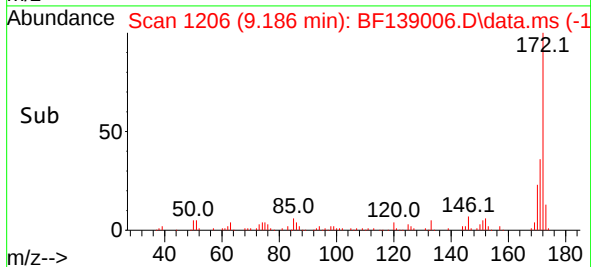
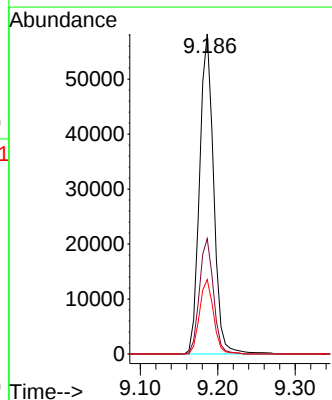
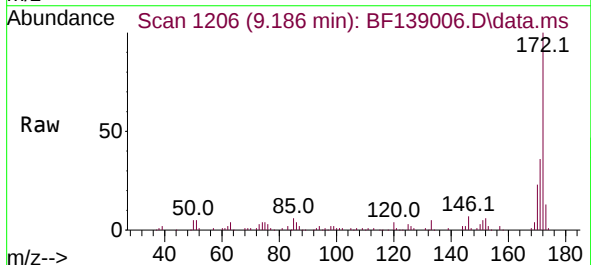


Tgt Ion:330 Resp: 17135  
Ion Ratio Lower Upper  
330 100  
332 94.3 76.4 114.6  
141 44.8 31.1 46.7



#45  
2-Fluorobiphenyl  
Concen: 27.074 ng  
RT: 9.186 min Scan# 1206  
Delta R.T. -0.018 min  
Lab File: BF139006.D  
Acq: 14 Aug 2024 21:17

Tgt Ion:172 Resp: 73325  
Ion Ratio Lower Upper  
172 100  
171 36.0 28.3 42.5  
170 23.2 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF139006.D

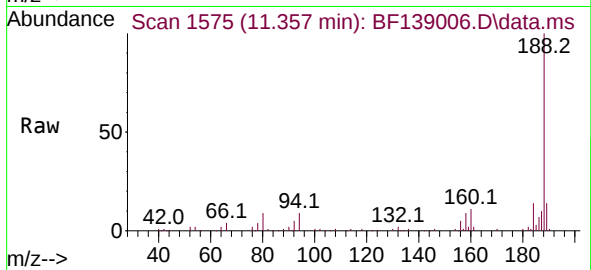
Acq: 14 Aug 2024 21:17

Instrument :

BNA\_F

ClientSampleId :

S-866-N-S0-0-0.5-080524



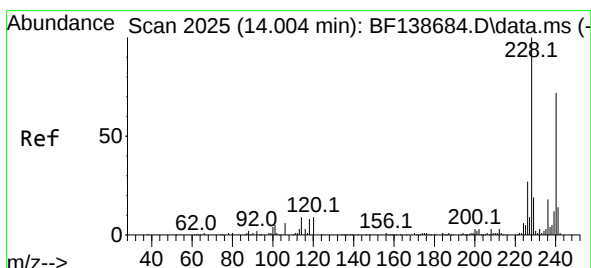
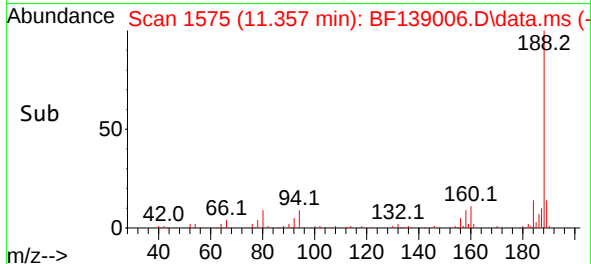
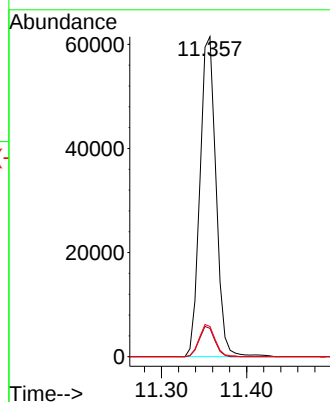
Tgt Ion:188 Resp: 80415

Ion Ratio Lower Upper

188 100

94 8.8 7.6 11.4

80 9.5 8.6 12.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 2024

Delta R.T. -0.006 min

Lab File: BF139006.D

Acq: 14 Aug 2024 21:17

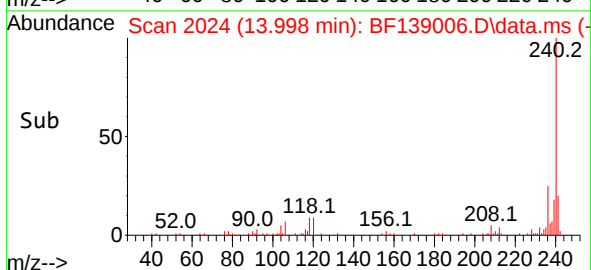
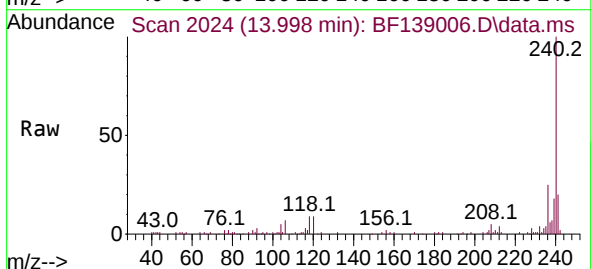
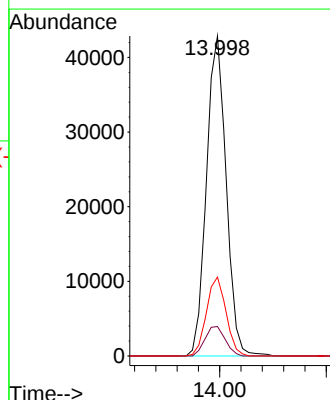
Tgt Ion:240 Resp: 55037

Ion Ratio Lower Upper

240 100

120 9.2 10.2 15.4#

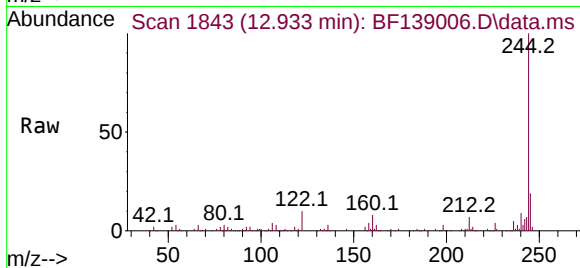
236 24.7 19.8 29.8



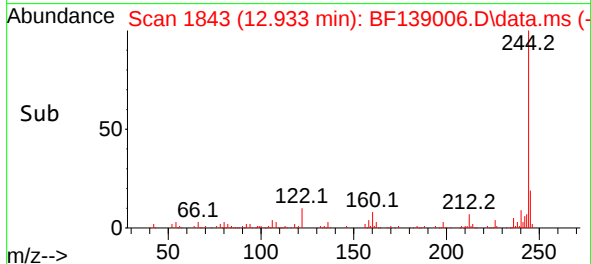
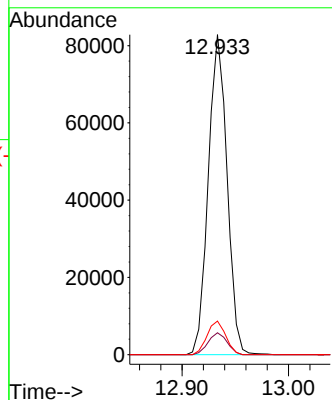


#79  
Terphenyl-d14  
Concen: 30.816 ng  
RT: 12.933 min Scan# 1843  
Delta R.T. -0.012 min  
Lab File: BF139006.D  
Acq: 14 Aug 2024 21:17

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Tgt Ion:244 Resp: 101300  
Ion Ratio Lower Upper  
244 100  
212 6.9 5.4 8.2  
122 10.5 9.6 14.4



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.463 min Scan# 2273  
Delta R.T. -0.006 min  
Lab File: BF139006.D  
Acq: 14 Aug 2024 21:17

Tgt Ion:264 Resp: 41958  
Ion Ratio Lower Upper  
264 100  
260 24.0 19.0 28.6  
265 20.9 17.0 25.6

