

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF081424\  
 Data File : BF139000.D  
 Acq On : 14 Aug 2024 18:14  
 Operator : RC/JU  
 Sample : P3548-09  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 289

Quant Time: Aug 14 18:44:52 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  | 36362    | 20.000 | ng    | -0.01    |
| 21) Naphthalene-d8          | 8.116  | 136  | 140767   | 20.000 | ng    | #-0.01   |
| 39) Acenaphthene-d10        | 9.863  | 164  | 62688    | 20.000 | ng    | -0.02    |
| 64) Phenanthrene-d10        | 11.351 | 188  | 86694    | 20.000 | ng    | -0.02    |
| 76) Chrysene-d12            | 13.998 | 240  | 73644    | 20.000 | ng    | # 0.00   |
| 86) Perylene-d12            | 15.462 | 264  | 56352    | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.469  | 112  | 131689   | 55.905 | ng    | 0.00     |
| 7) Phenol-d6                | 6.481  | 99   | 173979   | 55.011 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.398  | 82   | 106978   | 37.156 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.657 | 330  | 21344    | 41.566 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.186  | 172  | 129013   | 30.922 | ng    | -0.02    |
| 79) Terphenyl-d14           | 12.933 | 244  | 101095   | 22.984 | ng    | -0.01    |

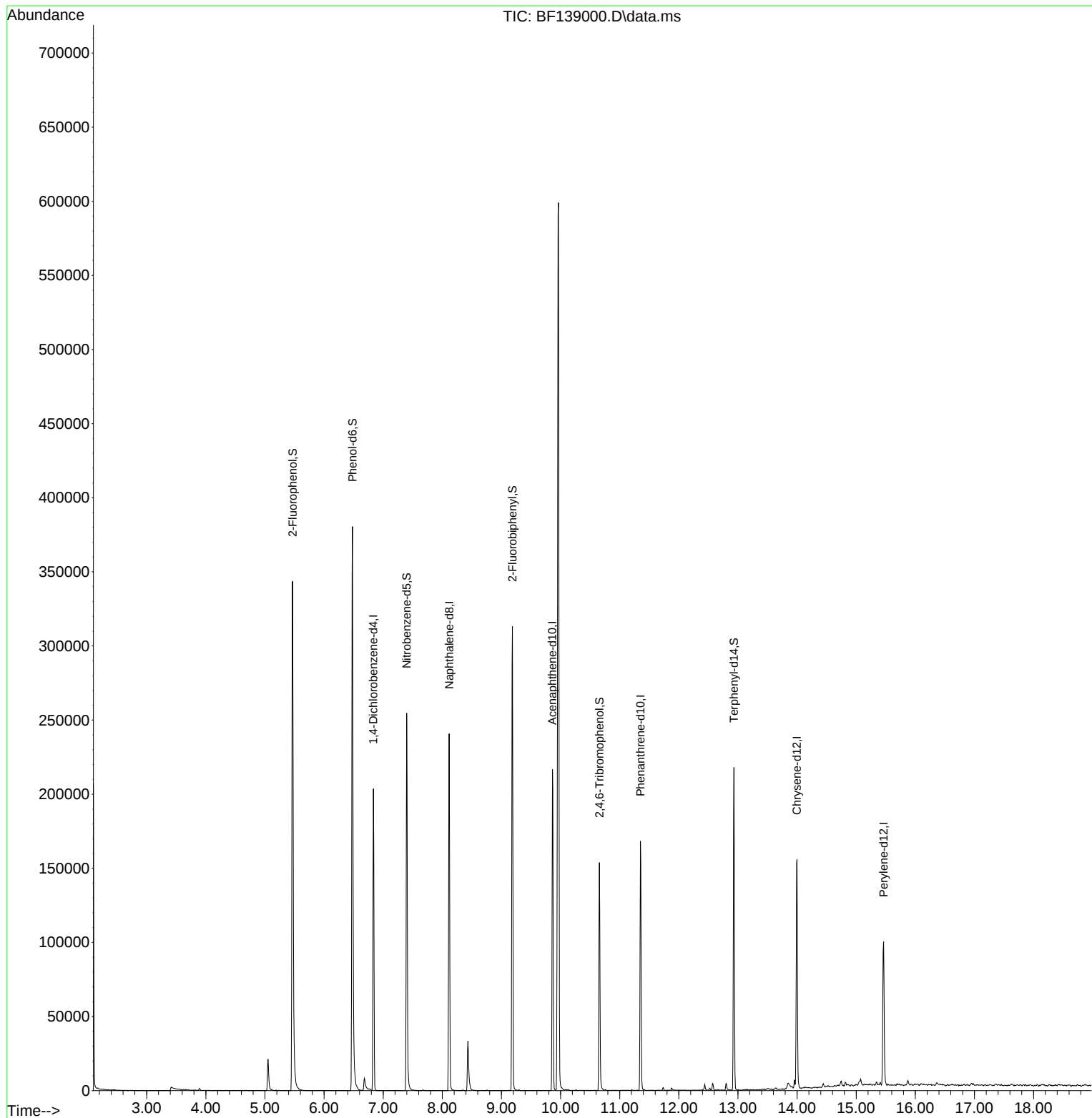
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

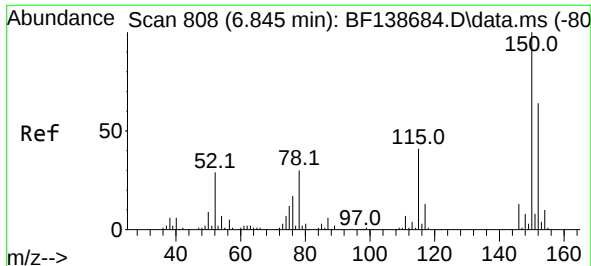
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF081424\  
Data File : BF139000.D  
Acq On : 14 Aug 2024 18:14  
Operator : RC/JU  
Sample : P3548-09  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
289

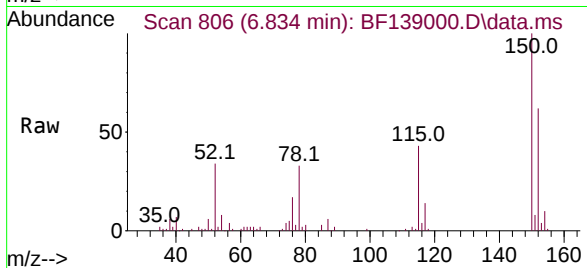
Quant Time: Aug 14 18:44:52 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF073024.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Jul 30 17:50:01 2024  
Response via : Initial Calibration



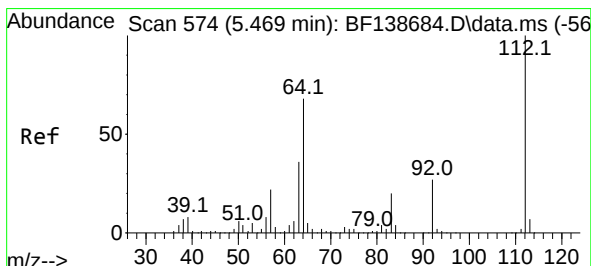
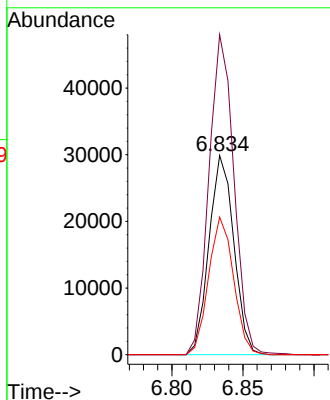
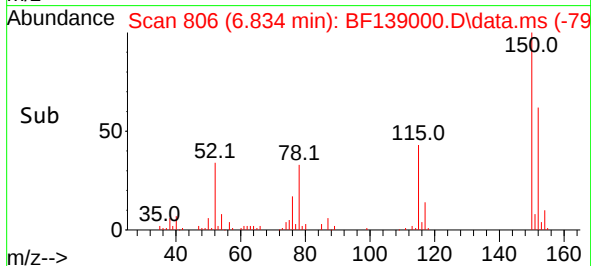


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.834 min Scan# 808  
Delta R.T. -0.011 min  
Lab File: BF139000.D  
Acq: 14 Aug 2024 18:14

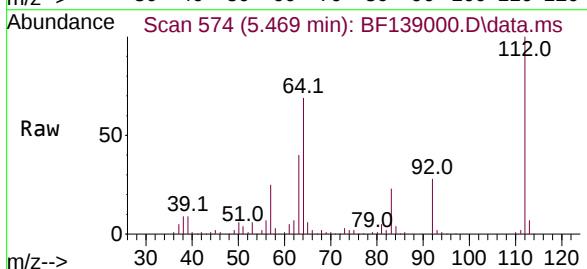
Instrument :  
BNA\_F  
ClientSampleId :  
289



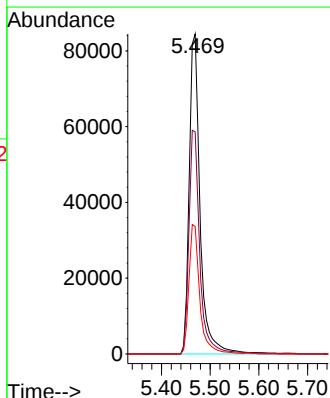
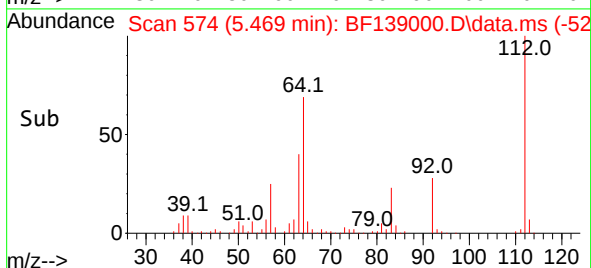
Tgt Ion:152 Resp: 36362  
Ion Ratio Lower Upper  
152 100  
150 160.7 126.0 189.0  
115 69.1 51.7 77.5

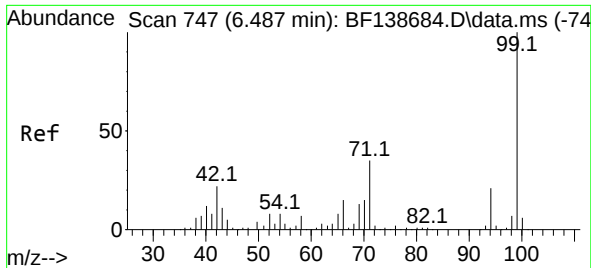


#5  
2-Fluorophenol  
Concen: 55.905 ng  
RT: 5.469 min Scan# 574  
Delta R.T. -0.000 min  
Lab File: BF139000.D  
Acq: 14 Aug 2024 18:14



Tgt Ion:112 Resp: 131689  
Ion Ratio Lower Upper  
112 100  
64 69.4 54.2 81.4  
63 39.8 28.7 43.1

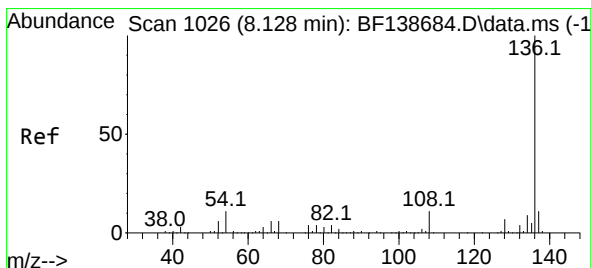
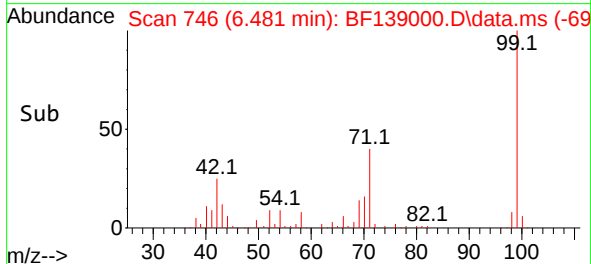
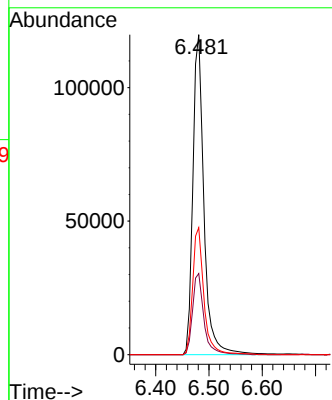
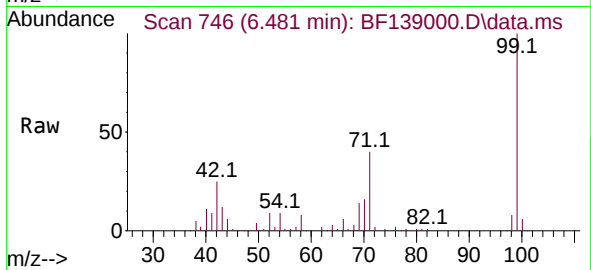




#7  
Phenol-d6  
Concen: 55.011 ng  
RT: 6.481 min Scan# 74  
Delta R.T. -0.006 min  
Lab File: BF139000.D  
Acq: 14 Aug 2024 18:14

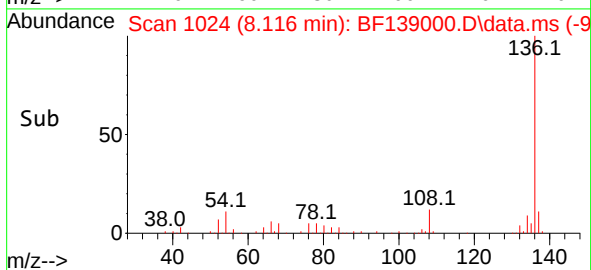
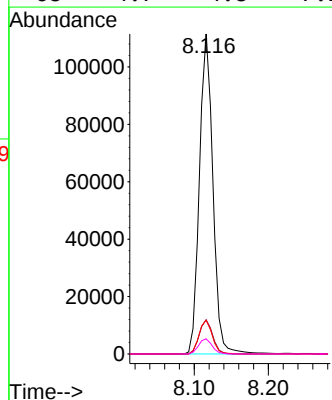
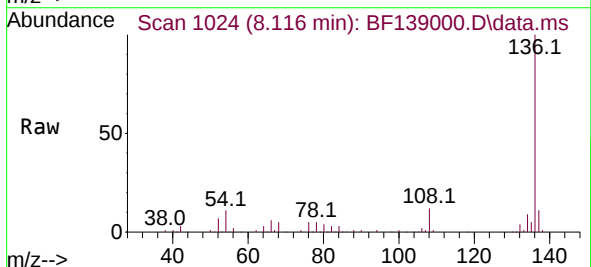
Instrument :  
BNA\_F  
ClientSampleId :  
289

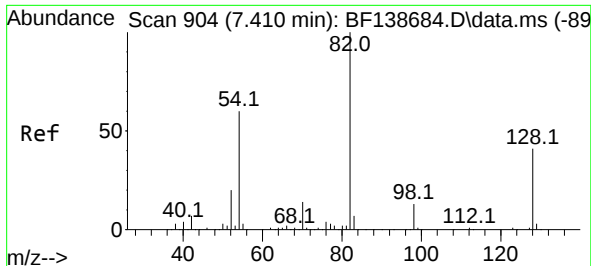
Tgt Ion: 99 Resp: 173979  
Ion Ratio Lower Upper  
99 100  
42 25.4 17.4 26.0  
71 39.7 28.1 42.1



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.116 min Scan# 1024  
Delta R.T. -0.012 min  
Lab File: BF139000.D  
Acq: 14 Aug 2024 18:14

Tgt Ion: 136 Resp: 140767  
Ion Ratio Lower Upper  
136 100  
137 10.7 8.9 13.3  
54 10.6 8.6 12.8  
68 4.7 4.8 7.2#





#23

Nitrobenzene-d5

Concen: 37.156 ng

RT: 7.398 min Scan# 904

Delta R.T. -0.012 min

Lab File: BF139000.D

Acq: 14 Aug 2024 18:14

Instrument :

BNA\_F

ClientSampleId :

289

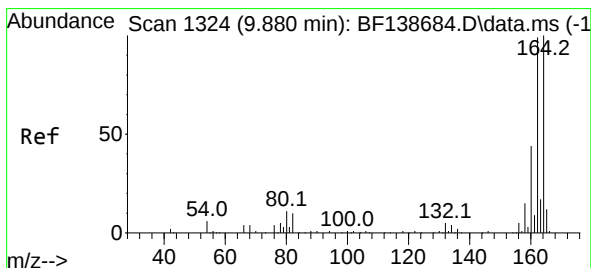
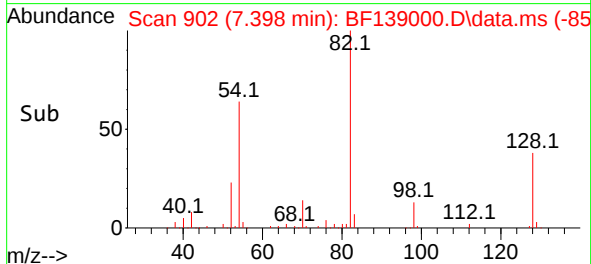
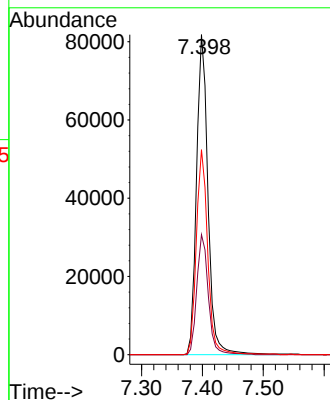
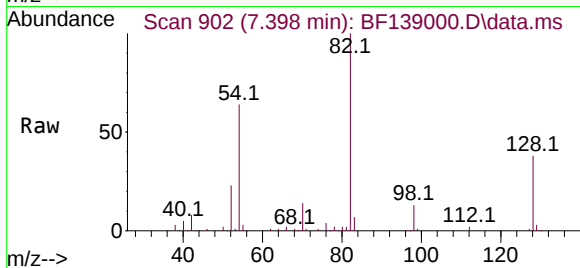
Tgt Ion: 82 Resp: 106978

Ion Ratio Lower Upper

82 100

128 37.5 32.8 49.2

54 64.0 48.3 72.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 1321

Delta R.T. -0.017 min

Lab File: BF139000.D

Acq: 14 Aug 2024 18:14

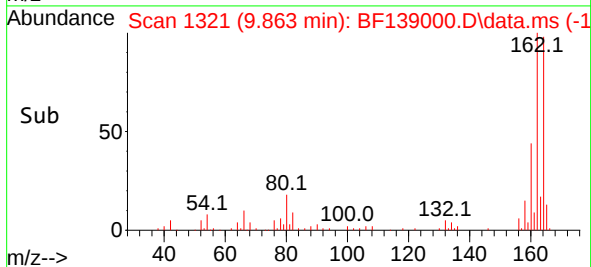
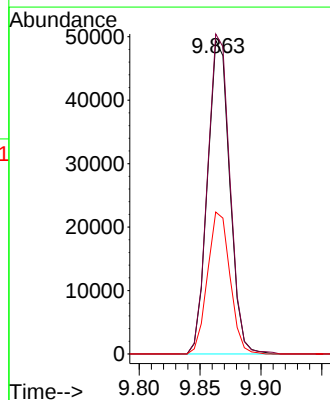
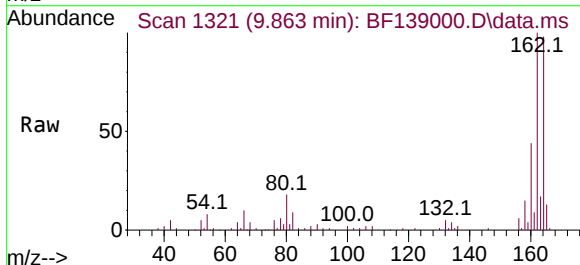
Tgt Ion:164 Resp: 62688

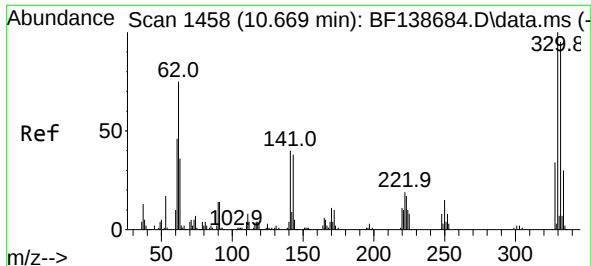
Ion Ratio Lower Upper

164 100

162 102.0 79.4 119.0

160 45.2 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 41.566 ng

RT: 10.657 min Scan# 1458

Delta R.T. -0.012 min

Lab File: BF139000.D

Acq: 14 Aug 2024 18:14

Instrument :

BNA\_F

ClientSampleId :

289

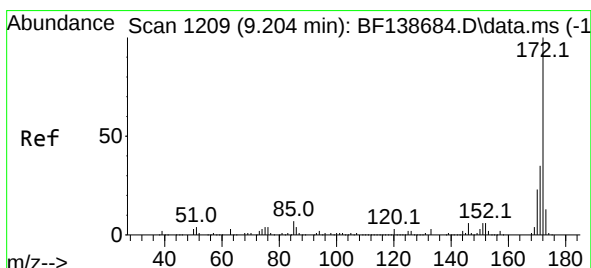
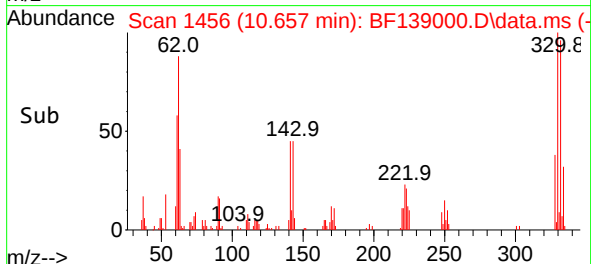
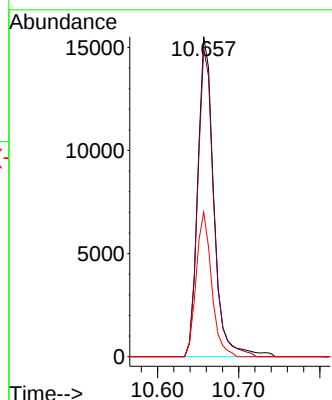
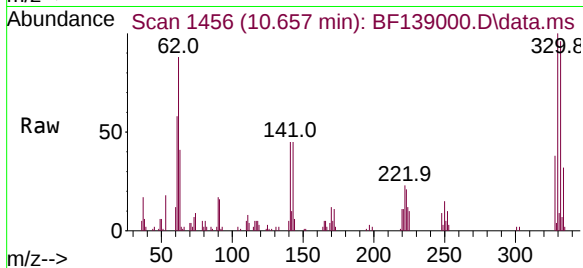
Tgt Ion:330 Resp: 21344

Ion Ratio Lower Upper

330 100

332 95.9 76.4 114.6

141 43.2 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 30.922 ng

RT: 9.186 min Scan# 1206

Delta R.T. -0.018 min

Lab File: BF139000.D

Acq: 14 Aug 2024 18:14

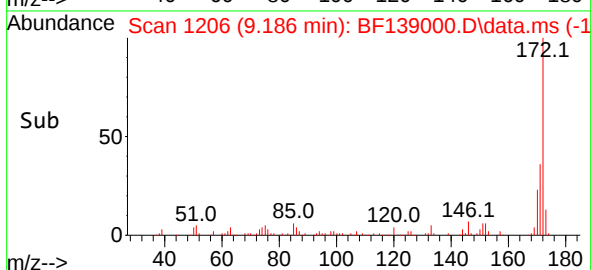
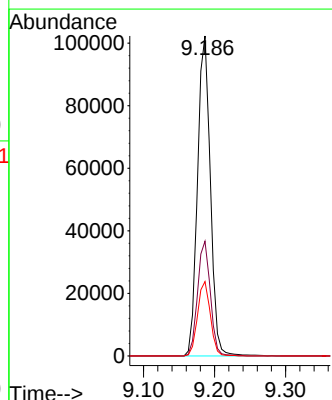
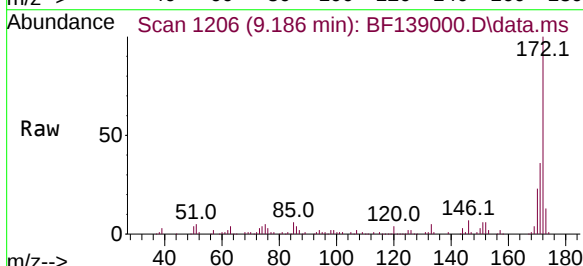
Tgt Ion:172 Resp: 129013

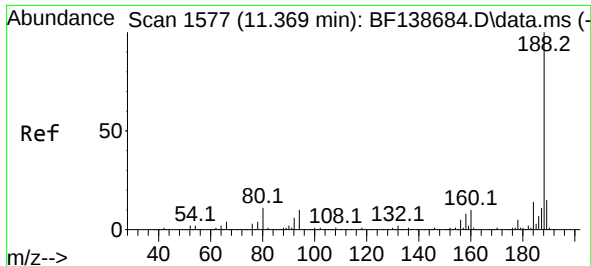
Ion Ratio Lower Upper

172 100

171 35.8 28.3 42.5

170 23.3 18.8 28.2

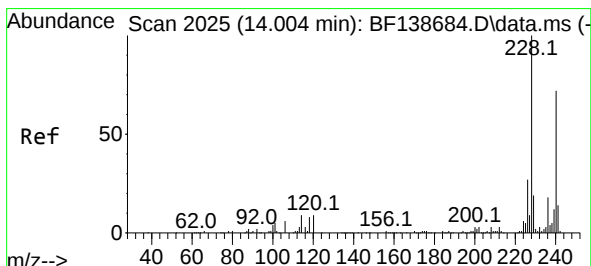
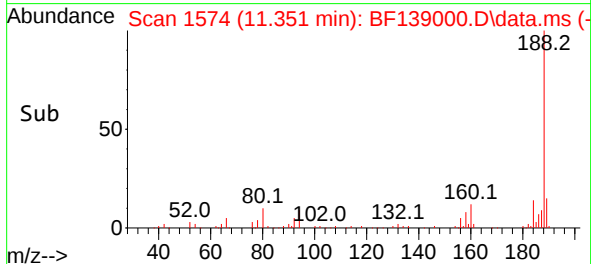
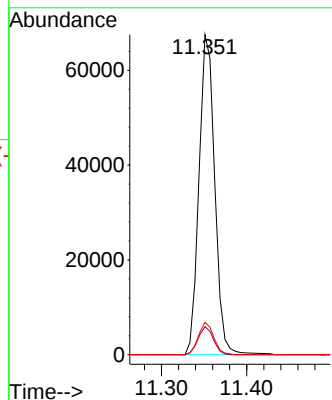
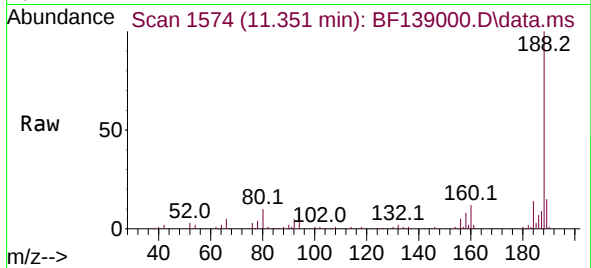




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.351 min Scan# 11  
Delta R.T. -0.018 min  
Lab File: BF139000.D  
Acq: 14 Aug 2024 18:14

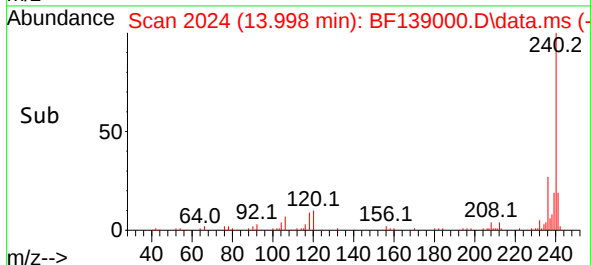
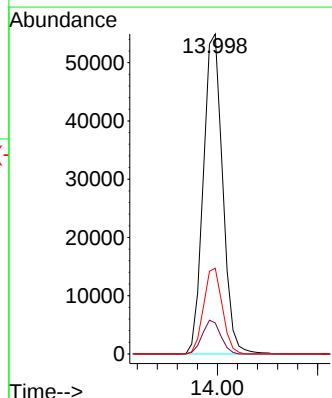
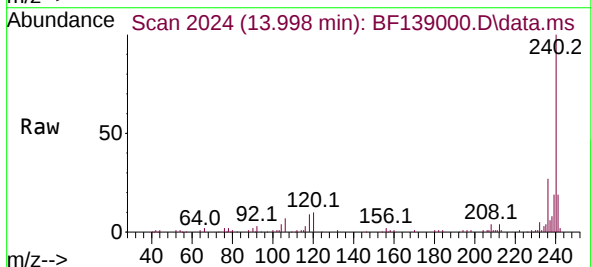
Instrument :  
BNA\_F  
ClientSampleId :  
289

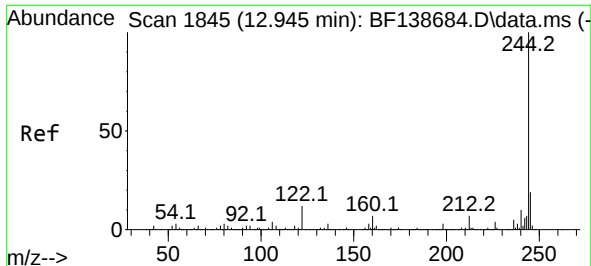
Tgt Ion:188 Resp: 86694  
Ion Ratio Lower Upper  
188 100  
94 8.8 7.6 11.4  
80 10.1 8.6 12.8



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.998 min Scan# 2024  
Delta R.T. -0.006 min  
Lab File: BF139000.D  
Acq: 14 Aug 2024 18:14

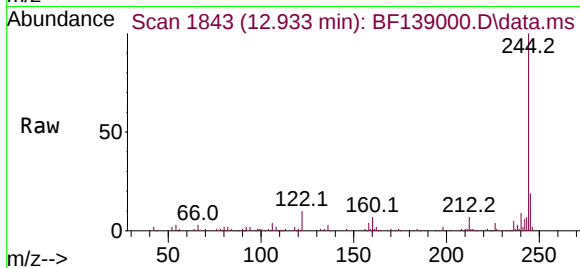
Tgt Ion:240 Resp: 73644  
Ion Ratio Lower Upper  
240 100  
120 9.7 10.2 15.4#  
236 26.8 19.8 29.8



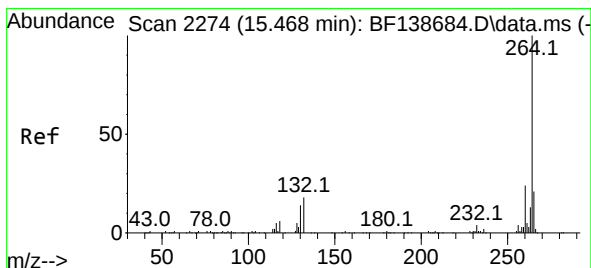
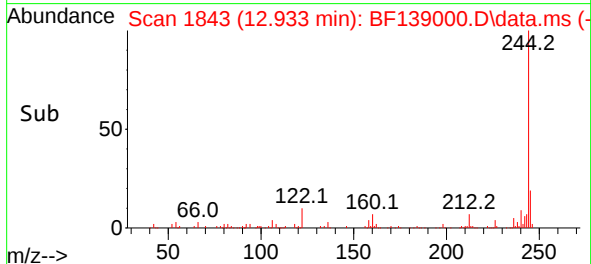
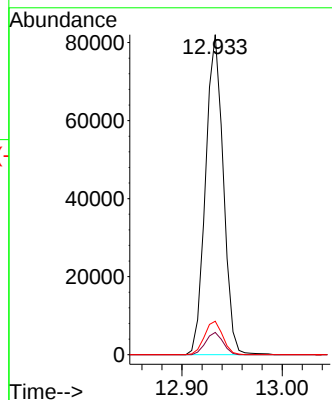


#79  
Terphenyl-d14  
Concen: 22.984 ng  
RT: 12.933 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF139000.D  
Acq: 14 Aug 2024 18:14

Instrument :  
BNA\_F  
ClientSampleId :  
289



Tgt Ion:244 Resp: 101095  
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: 15.462 min Scan# 2273  
Delta R.T. -0.006 min  
Lab File: BF139000.D  
Acq: 14 Aug 2024 18:14

Tgt Ion:264 Resp: 56352  
Ion Ratio Lower Upper  
264 100  
260 25.4 19.0 28.6  
265 21.4 17.0 25.6

