

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF072424\  
 Data File : BF138638.D  
 Acq On : 24 Jul 2024 14:03  
 Operator : RC/JU  
 Sample : PB162142BL  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB162142BL

Quant Time: Jul 24 14:29:23 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF070924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jul 09 16:58:40 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.851  | 152  | 75928    | 20.000  | ng    | -0.02    |
| 21) Naphthalene-d8          | 8.134  | 136  | 313369   | 20.000  | ng    | -0.02    |
| 39) Acenaphthene-d10        | 9.886  | 164  | 172868   | 20.000  | ng    | -0.02    |
| 64) Phenanthrene-d10        | 11.369 | 188  | 313619   | 20.000  | ng    | -0.02    |
| 76) Chrysene-d12            | 14.004 | 240  | 192014   | 20.000  | ng    | -0.02    |
| 86) Perylene-d12            | 15.468 | 264  | 149541   | 20.000  | ng    | -0.02    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.487  | 112  | 693368   | 144.627 | ng    | 0.00     |
| 7) Phenol-d6                | 6.487  | 99   | 918711   | 144.051 | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 7.416  | 82   | 614849   | 96.333  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 10.675 | 330  | 236416   | 146.331 | ng    | -0.02    |
| 45) 2-Fluorobiphenyl        | 9.210  | 172  | 1063011  | 96.107  | ng    | -0.02    |
| 79) Terphenyl-d14           | 12.957 | 244  | 1217249  | 103.276 | ng    | -0.02    |

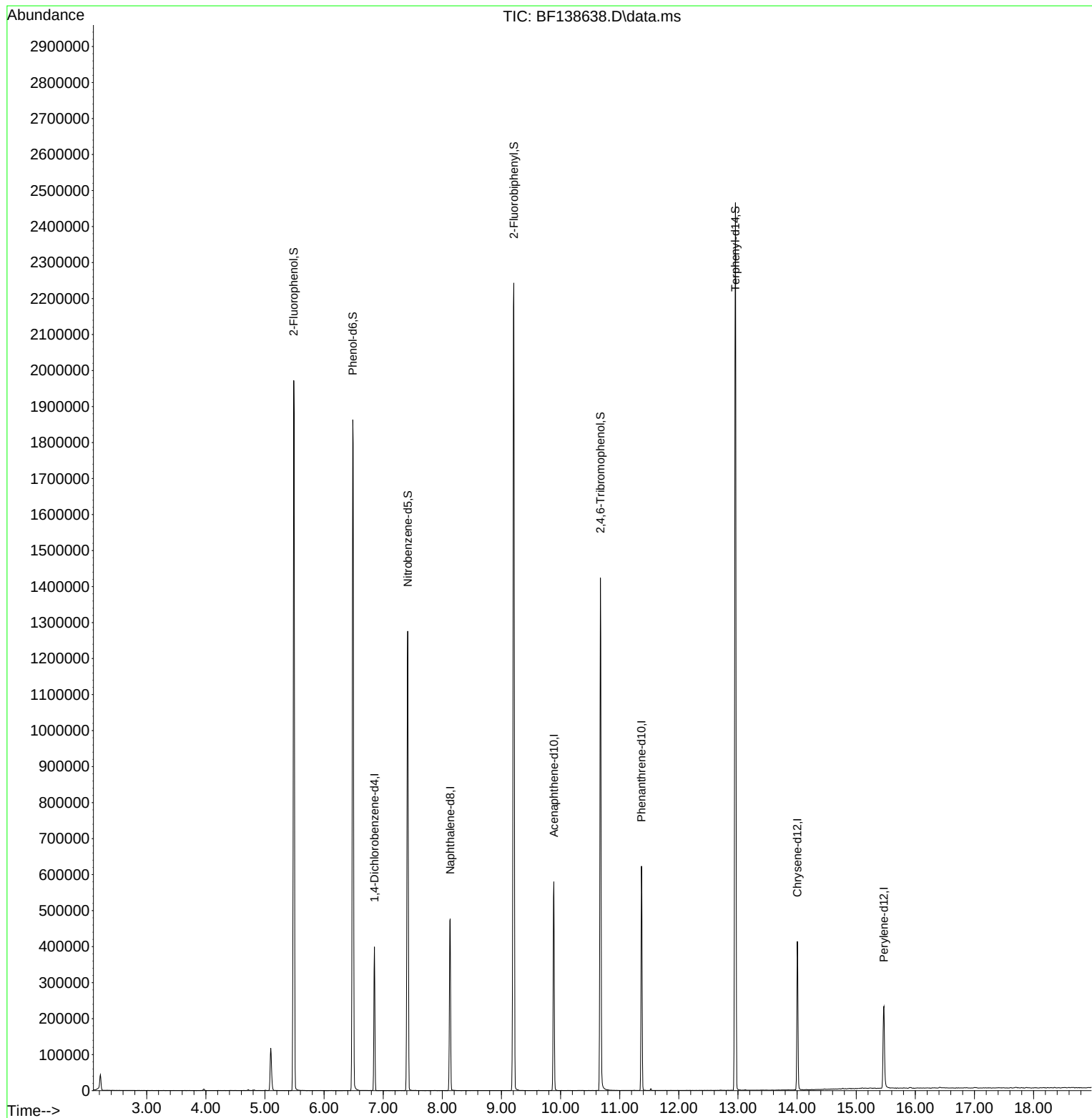
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

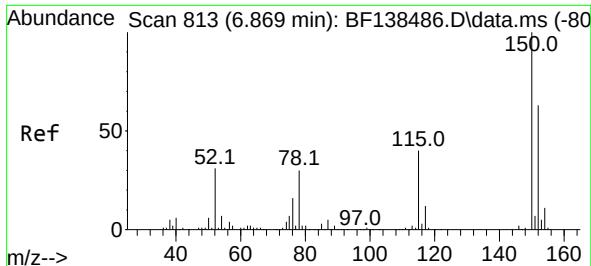
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF072424\  
Data File : BF138638.D  
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ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PB162142BL

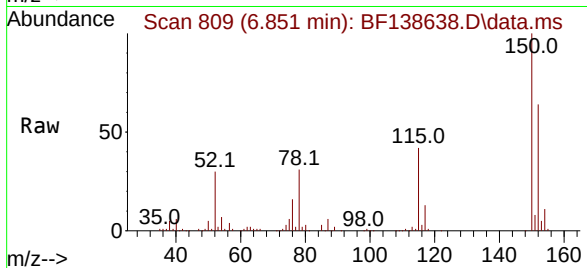
Quant Time: Jul 24 14:29:23 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF070924.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Jul 09 16:58:40 2024  
Response via : Initial Calibration



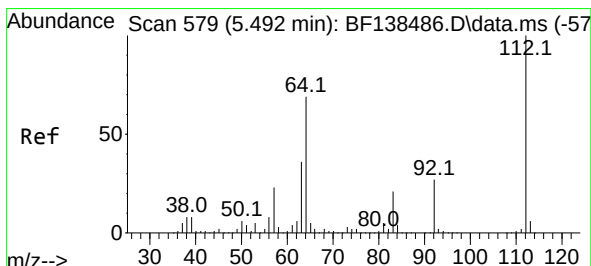
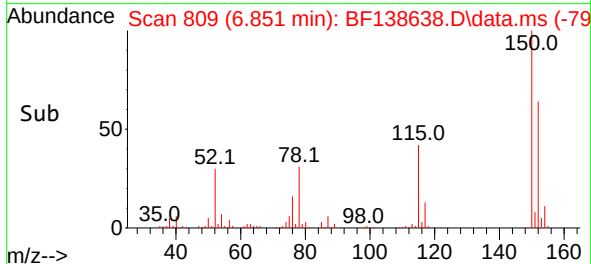
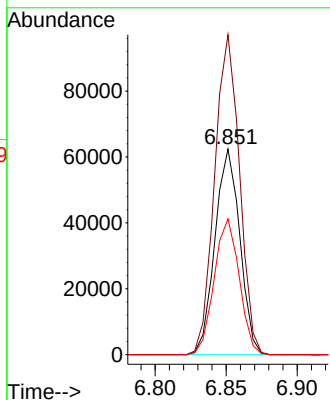


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.851 min Scan# 80  
Delta R.T. -0.018 min  
Lab File: BF138638.D  
Acq: 24 Jul 2024 14:03

Instrument :  
BNA\_F  
ClientSampleId :  
PB162142BL

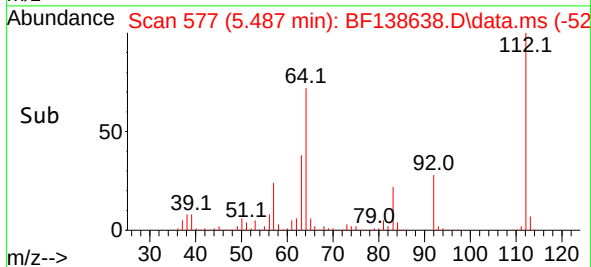
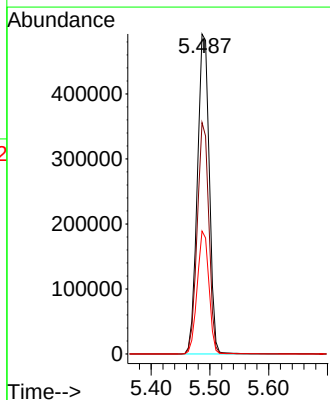
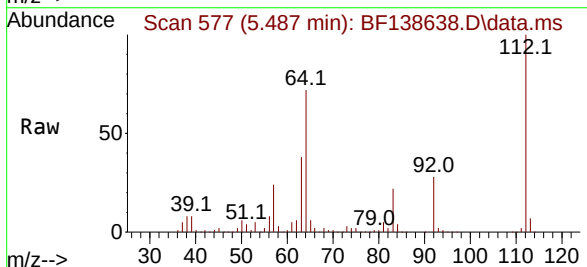


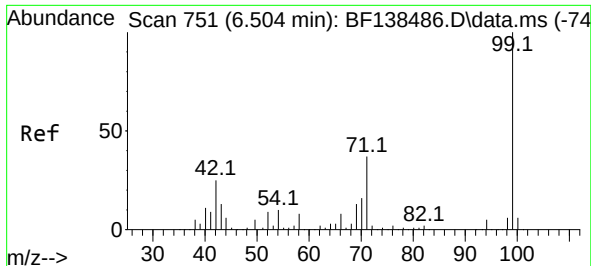
Tgt Ion:152 Resp: 75928  
Ion Ratio Lower Upper  
152 100  
150 155.6 126.2 189.4  
115 66.0 50.3 75.5



#5  
2-Fluorophenol  
Concen: 144.627 ng  
RT: 5.487 min Scan# 577  
Delta R.T. -0.006 min  
Lab File: BF138638.D  
Acq: 24 Jul 2024 14:03

Tgt Ion:112 Resp: 693368  
Ion Ratio Lower Upper  
112 100  
64 72.3 55.1 82.7  
63 38.4 29.0 43.6

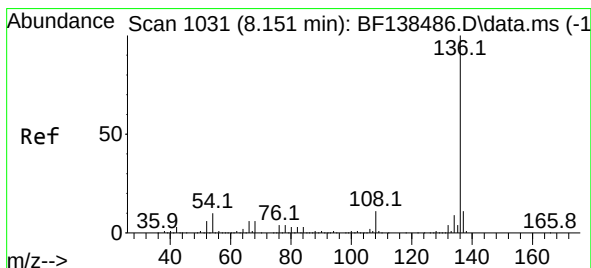
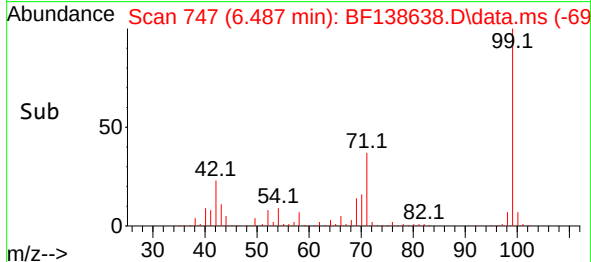
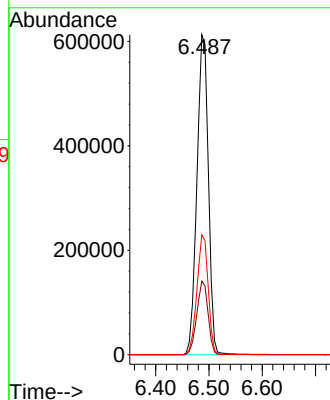
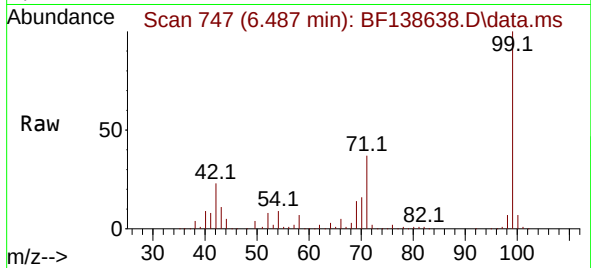




#7  
Phenol-d6  
Concen: 144.051 ng  
RT: 6.487 min Scan# 74  
Delta R.T. -0.018 min  
Lab File: BF138638.D  
Acq: 24 Jul 2024 14:03

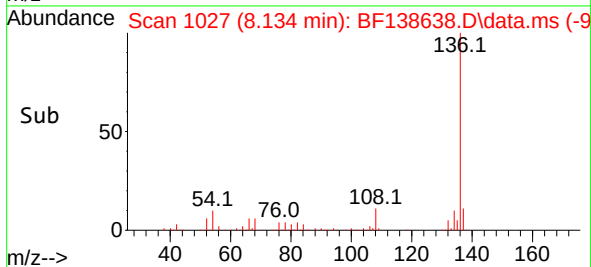
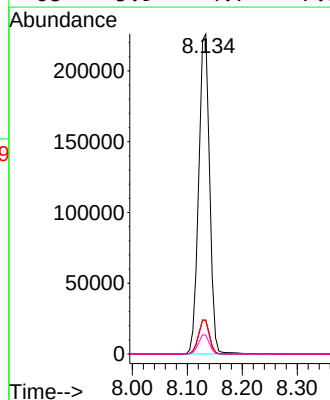
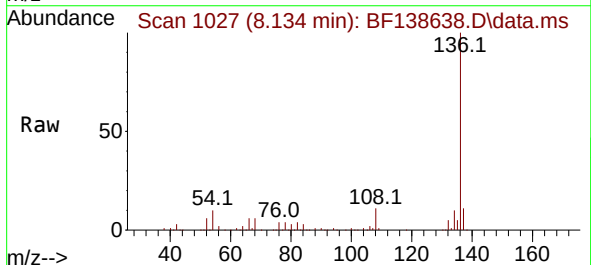
Instrument :  
BNA\_F  
ClientSampleId :  
PB162142BL

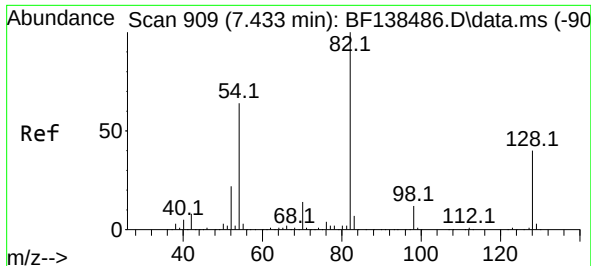
Tgt Ion: 99 Resp: 918711  
Ion Ratio Lower Upper  
99 100  
42 23.0 19.7 29.5  
71 37.4 29.9 44.9



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.134 min Scan# 1027  
Delta R.T. -0.018 min  
Lab File: BF138638.D  
Acq: 24 Jul 2024 14:03

Tgt Ion: 136 Resp: 313369  
Ion Ratio Lower Upper  
136 100  
137 10.6 8.5 12.7  
54 10.3 8.1 12.1  
68 5.9 4.7 7.1

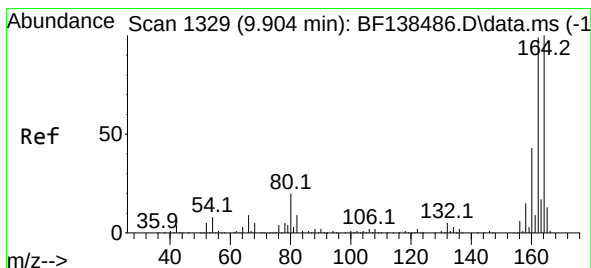
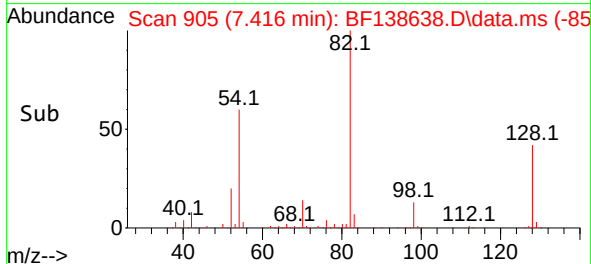
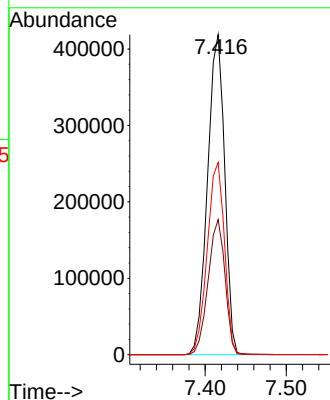
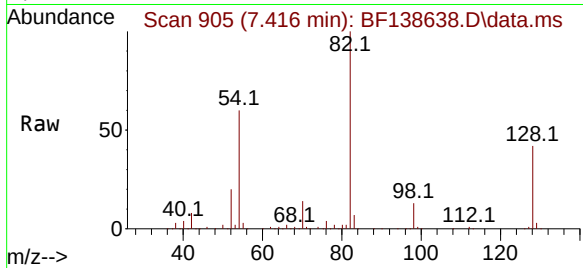




#23  
Nitrobenzene-d5  
Concen: 96.333 ng  
RT: 7.416 min Scan# 909  
Delta R.T. -0.018 min  
Lab File: BF138638.D  
Acq: 24 Jul 2024 14:03

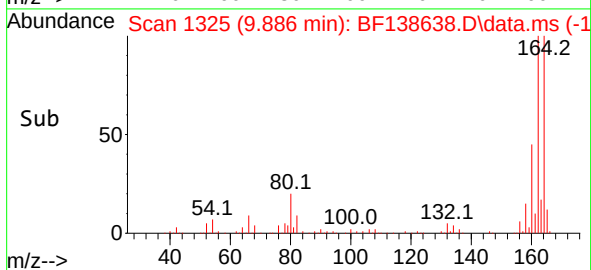
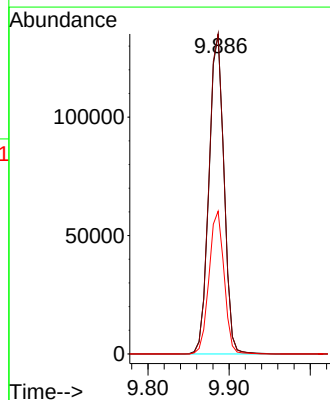
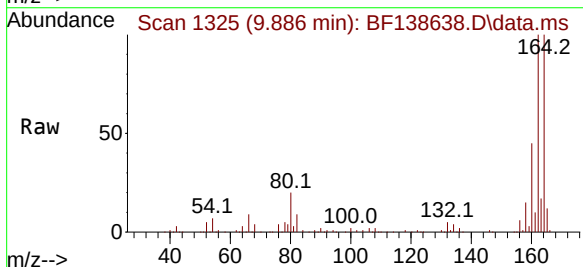
Instrument :  
BNA\_F  
ClientSampleId :  
PB162142BL

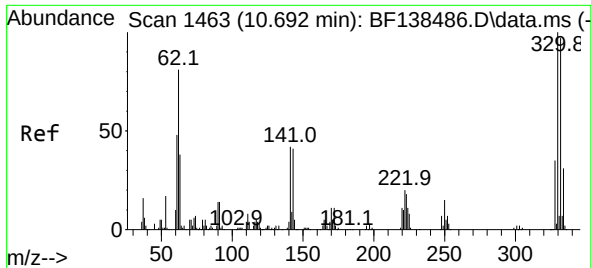
Tgt Ion: 82 Resp: 614849  
Ion Ratio Lower Upper  
82 100  
128 42.2 32.3 48.5  
54 60.0 51.4 77.0



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.886 min Scan# 1325  
Delta R.T. -0.018 min  
Lab File: BF138638.D  
Acq: 24 Jul 2024 14:03

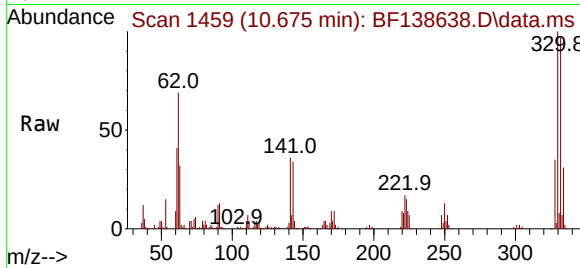
Tgt Ion:164 Resp: 172868  
Ion Ratio Lower Upper  
164 100  
162 100.3 79.0 118.6  
160 44.7 34.4 51.6



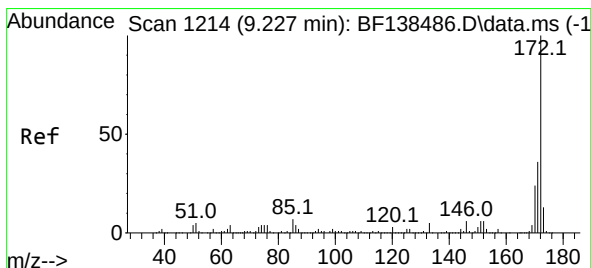
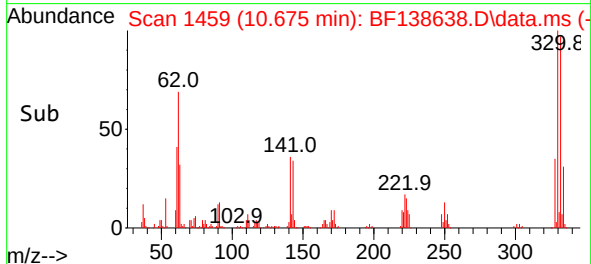
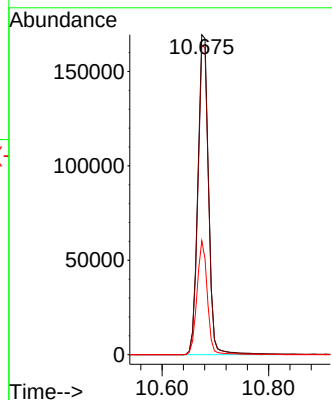


#42  
2,4,6-Tribromophenol  
Concen: 146.331 ng  
RT: 10.675 min Scan# 1459  
Delta R.T. -0.018 min  
Lab File: BF138638.D  
Acq: 24 Jul 2024 14:03

Instrument :  
BNA\_F  
ClientSampleId :  
PB162142BL

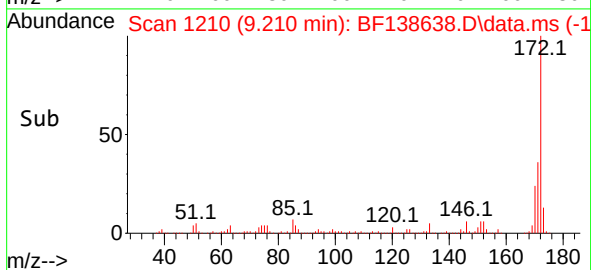
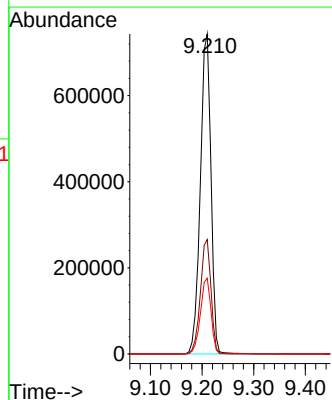
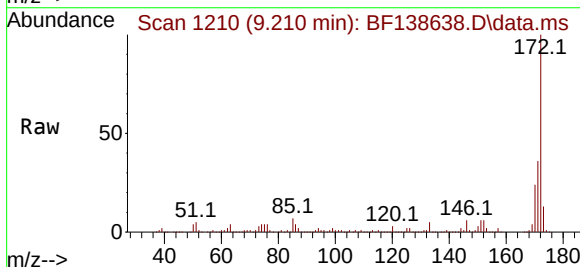


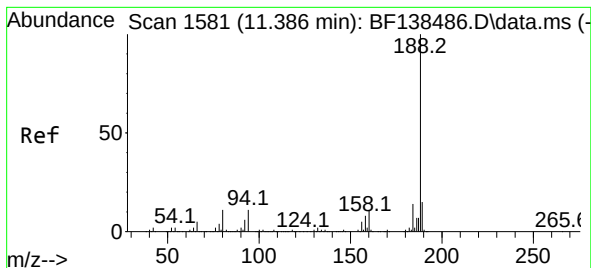
Tgt Ion:330 Resp: 236416  
Ion Ratio Lower Upper  
330 100  
332 96.1 76.8 115.2  
141 34.4 29.4 44.2



#45  
2-Fluorobiphenyl  
Concen: 96.107 ng  
RT: 9.210 min Scan# 1210  
Delta R.T. -0.018 min  
Lab File: BF138638.D  
Acq: 24 Jul 2024 14:03

Tgt Ion:172 Resp: 1063011  
Ion Ratio Lower Upper  
172 100  
171 35.8 28.9 43.3  
170 23.6 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.369 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF138638.D

Acq: 24 Jul 2024 14:03

Instrument :

BNA\_F

ClientSampleId :

PB162142BL

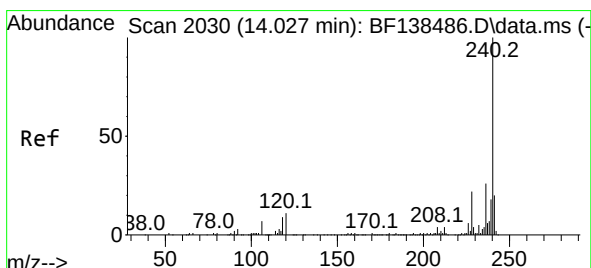
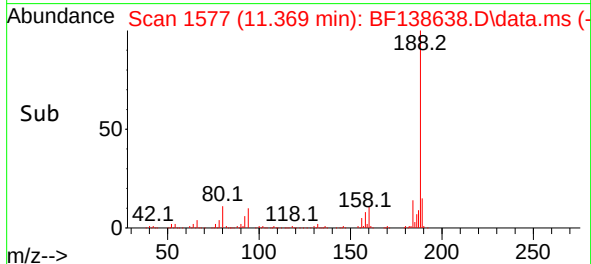
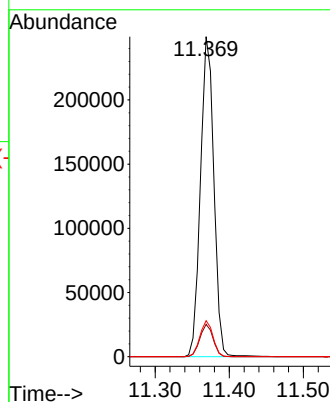
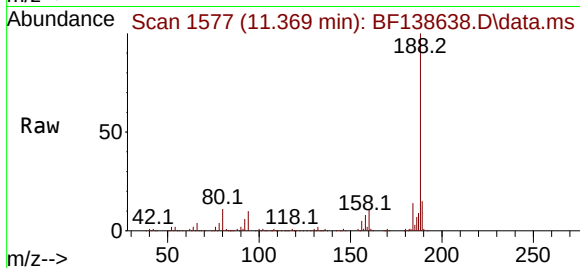
Tgt Ion:188 Resp: 313619

Ion Ratio Lower Upper

188 100

94 10.1 8.7 13.1

80 11.3 9.0 13.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 2025

Delta R.T. -0.023 min

Lab File: BF138638.D

Acq: 24 Jul 2024 14:03

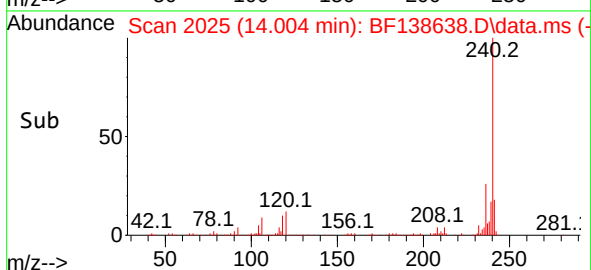
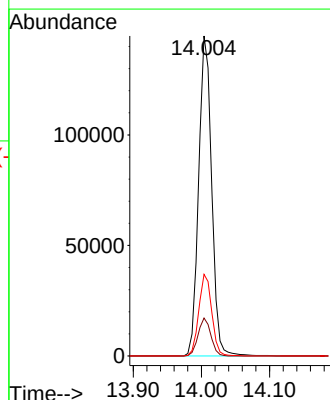
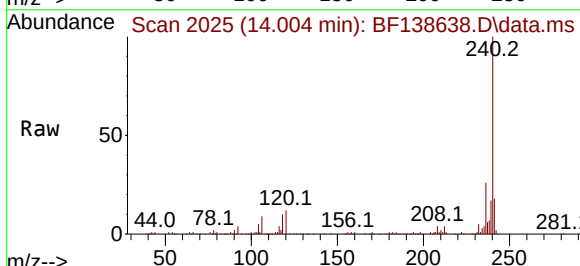
Tgt Ion:240 Resp: 192014

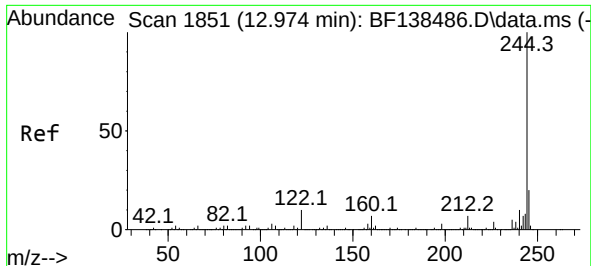
Ion Ratio Lower Upper

240 100

120 11.8 8.6 12.8

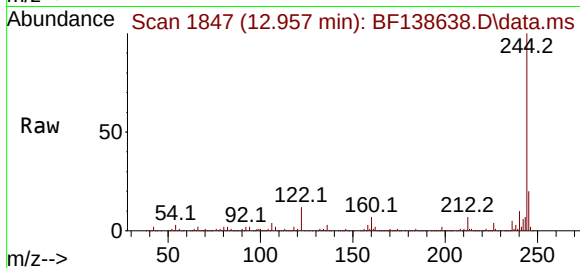
236 25.5 21.0 31.6



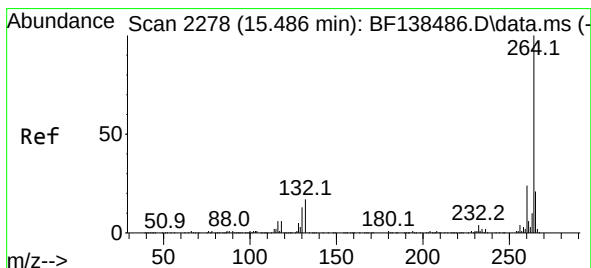
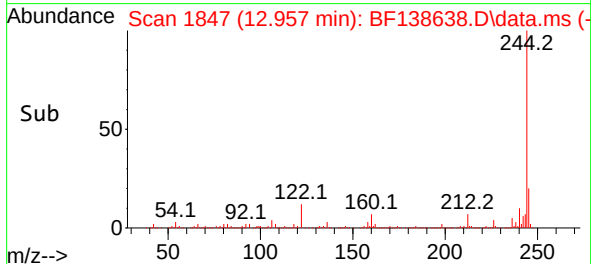
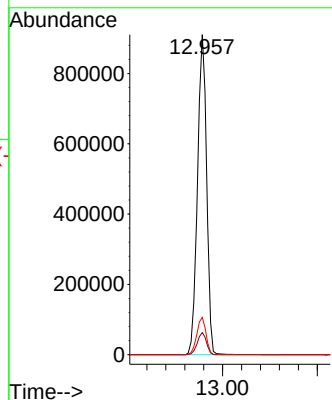


#79  
Terphenyl-d14  
Concen: 103.276 ng  
RT: 12.957 min Scan# 1847  
Delta R.T. -0.018 min  
Lab File: BF138638.D  
Acq: 24 Jul 2024 14:03

Instrument :  
BNA\_F  
ClientSampleId :  
PB162142BL



Tgt Ion:244 Resp: 1217249  
Ion Ratio Lower Upper  
244 100  
212 6.9 5.5 8.3  
122 11.6 7.8 11.8



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.468 min Scan# 2274  
Delta R.T. -0.018 min  
Lab File: BF138638.D  
Acq: 24 Jul 2024 14:03

Tgt Ion:264 Resp: 149541  
Ion Ratio Lower Upper  
264 100  
260 23.4 19.0 28.6  
265 21.4 17.0 25.4

