

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF080324\  
 Data File : BF138766.D  
 Acq On : 03 Aug 2024 13:06  
 Operator : RC/JU  
 Sample : P3393-26  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EB-02-072624

Quant Time: Aug 05 00:50:33 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   | 6.845  | 152  | 59945    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.128  | 136  | 257179   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.880  | 164  | 162316   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.369 | 188  | 301171   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.010 | 240  | 137794   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.474 | 264  | 142490   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.475  | 112  | 195038   | 50.225  | ng    | 0.00     |
| 7) Phenol-d6                | 6.481  | 99   | 158052   | 30.314  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.410  | 82   | 417944   | 79.454  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.674 | 330  | 192516   | 144.794 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.204  | 172  | 829518   | 76.785  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.957 | 244  | 881778   | 107.141 | ng    | 0.01     |

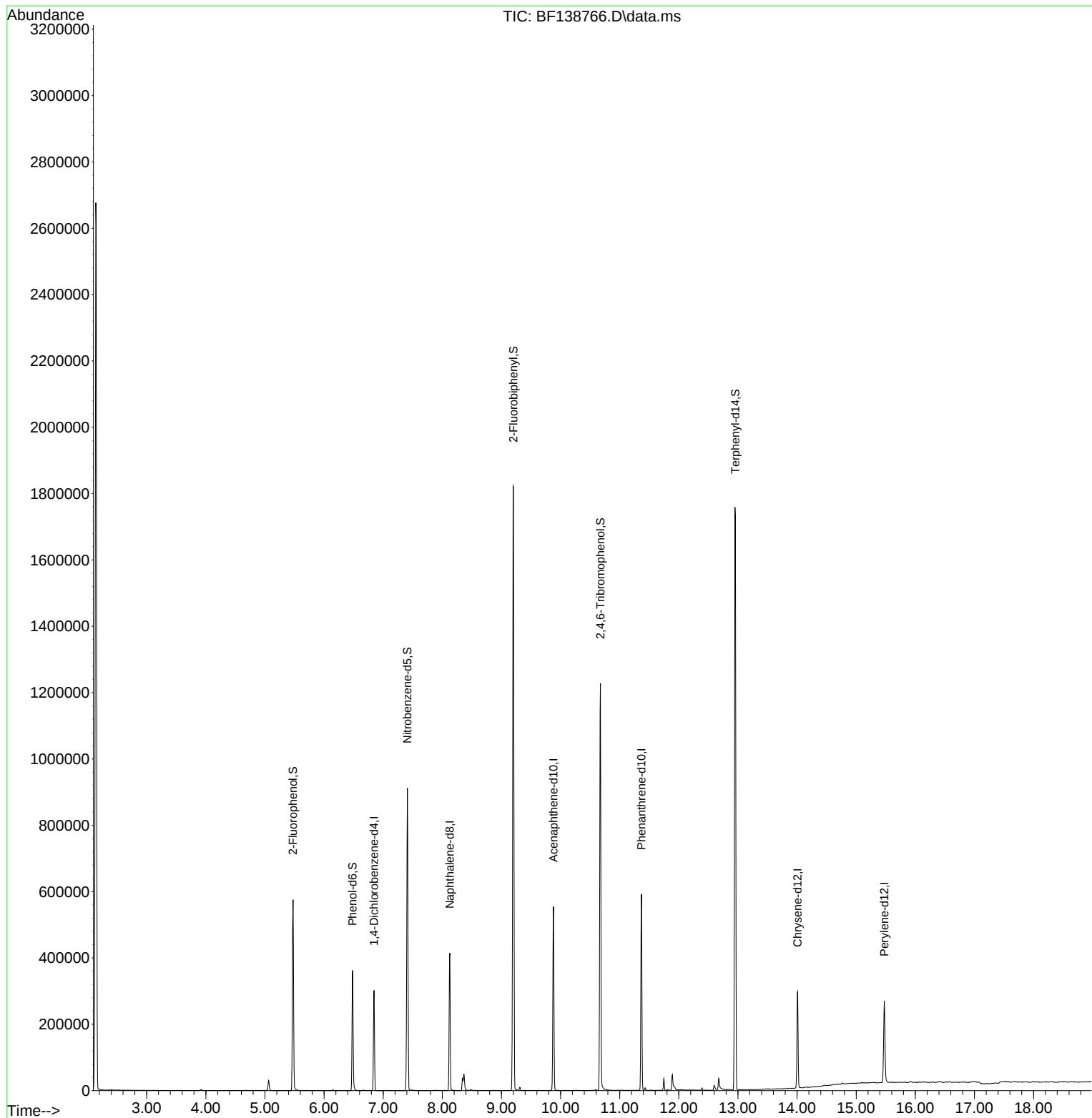
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

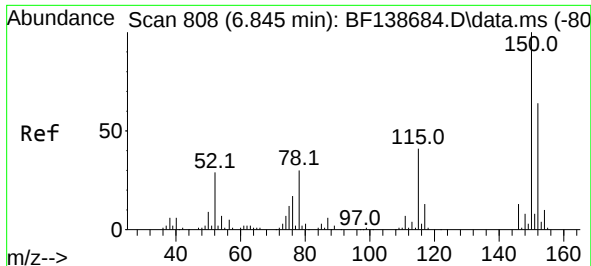
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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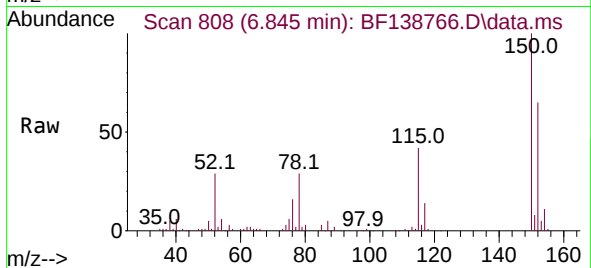
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF073024.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Jul 30 17:50:01 2024  
Response via : Initial Calibration



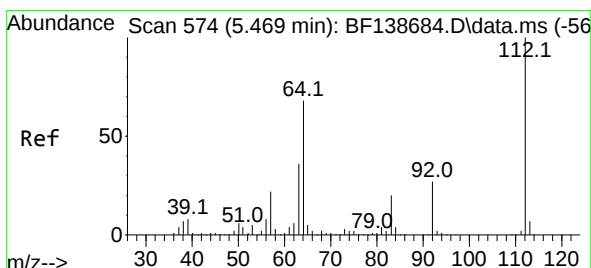
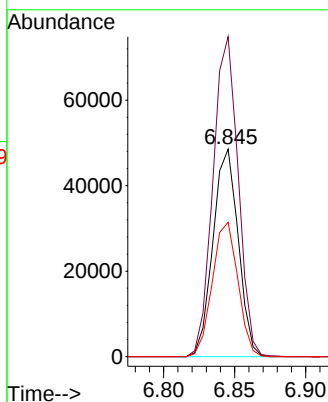
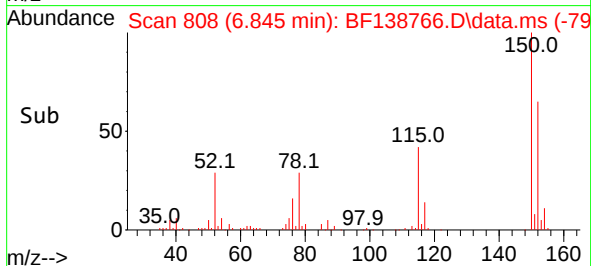


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.845 min Scan# 80  
Delta R.T. 0.000 min  
Lab File: BF138766.D  
Acq: 03 Aug 2024 13:06

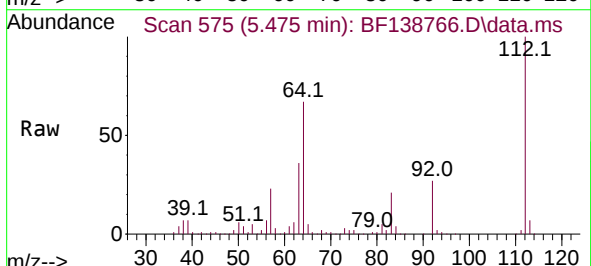
Instrument :  
BNA\_F  
ClientSampleId :  
EB-02-072624



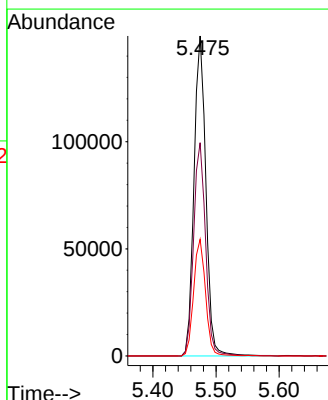
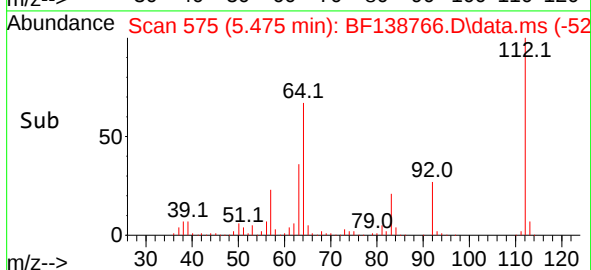
Tgt Ion:152 Resp: 59945  
Ion Ratio Lower Upper  
152 100  
150 154.2 126.0 189.0  
115 64.7 51.7 77.5



#5  
2-Fluorophenol  
Concen: 50.225 ng  
RT: 5.475 min Scan# 575  
Delta R.T. 0.006 min  
Lab File: BF138766.D  
Acq: 03 Aug 2024 13:06



Tgt Ion:112 Resp: 195038  
Ion Ratio Lower Upper  
112 100  
64 66.7 54.2 81.4  
63 36.5 28.7 43.1

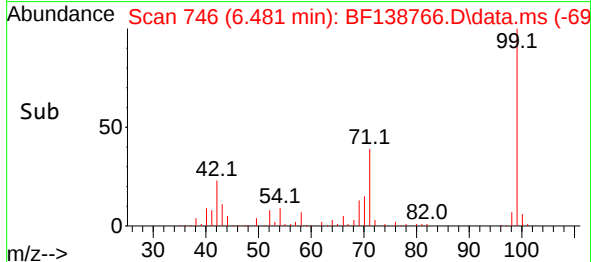
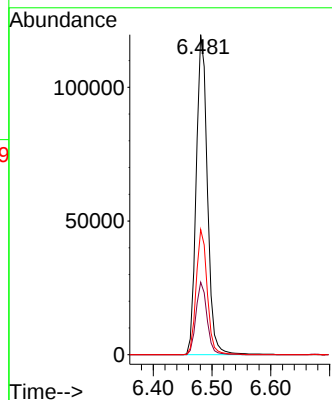
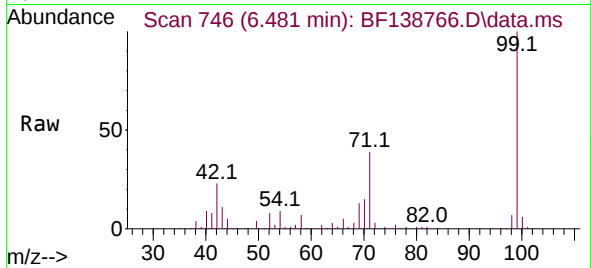




#7  
Phenol-d6  
Concen: 30.314 ng  
RT: 6.481 min Scan# 74  
Delta R.T. -0.006 min  
Lab File: BF138766.D  
Acq: 03 Aug 2024 13:06

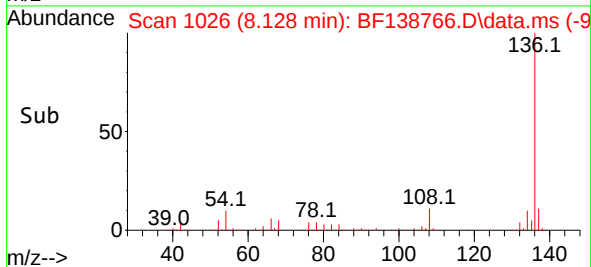
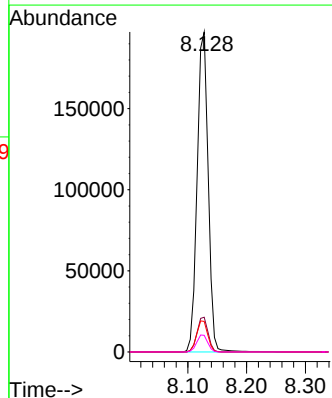
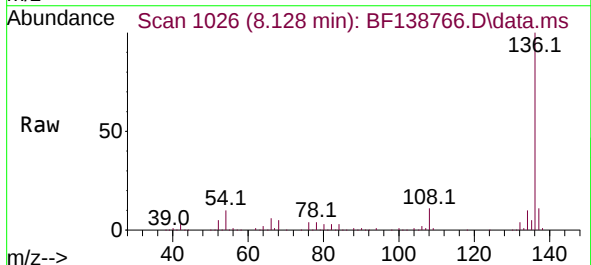
Instrument :  
BNA\_F  
ClientSampleId :  
EB-02-072624

Tgt Ion: 99 Resp: 158052  
Ion Ratio Lower Upper  
99 100  
42 22.7 17.4 26.0  
71 39.1 28.1 42.1



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.128 min Scan# 1026  
Delta R.T. -0.000 min  
Lab File: BF138766.D  
Acq: 03 Aug 2024 13:06

Tgt Ion: 136 Resp: 257179  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.9 13.3  
54 9.5 8.6 12.8  
68 5.2 4.8 7.2





#23

Nitrobenzene-d5

Concen: 79.454 ng

RT: 7.410 min Scan# 904

Delta R.T. -0.000 min

Lab File: BF138766.D

Acq: 03 Aug 2024 13:06

Instrument :

BNA\_F

ClientSampleId :

EB-02-072624

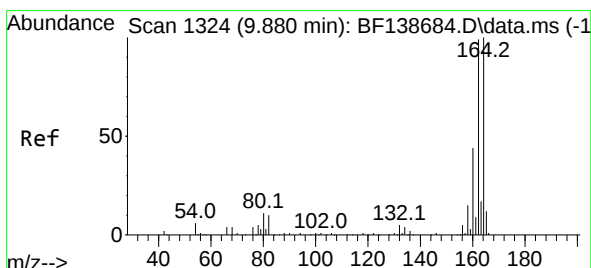
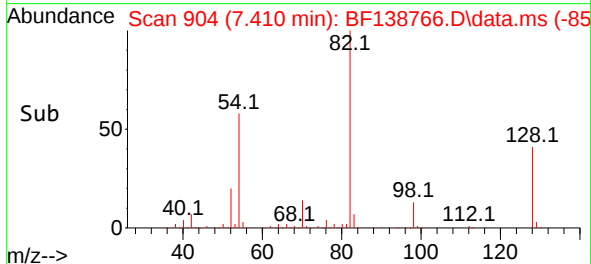
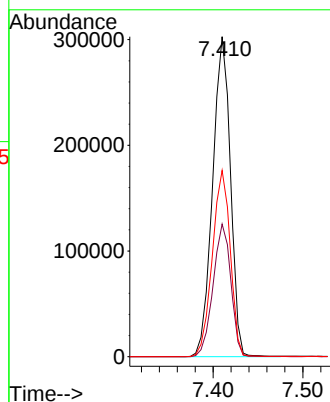
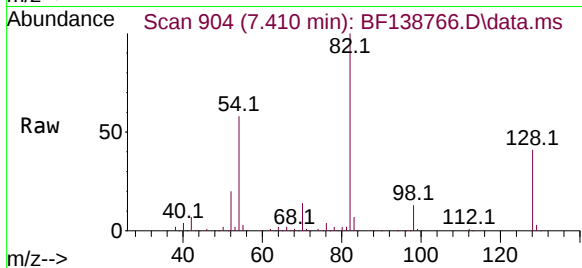
Tgt Ion: 82 Resp: 417944

Ion Ratio Lower Upper

82 100

128 41.5 32.8 49.2

54 58.2 48.3 72.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.880 min Scan# 1324

Delta R.T. 0.000 min

Lab File: BF138766.D

Acq: 03 Aug 2024 13:06

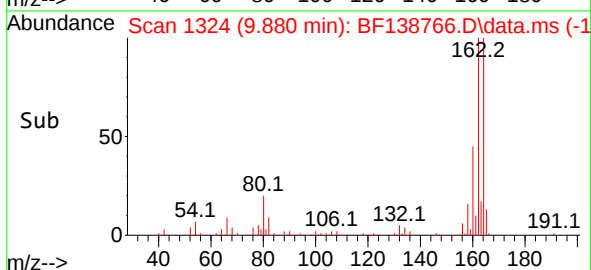
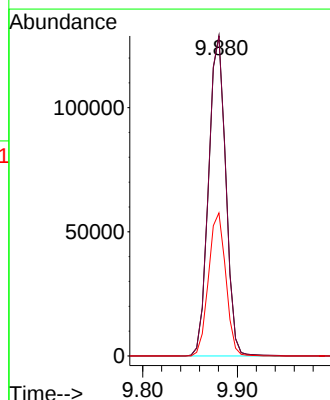
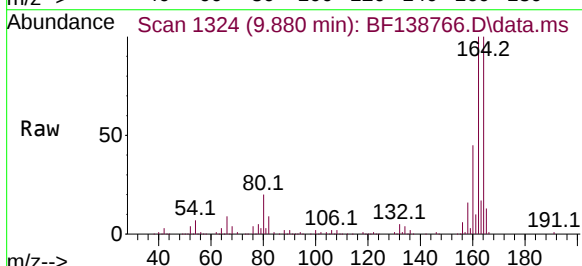
Tgt Ion:164 Resp: 162316

Ion Ratio Lower Upper

164 100

162 99.9 79.4 119.0

160 44.7 35.1 52.7

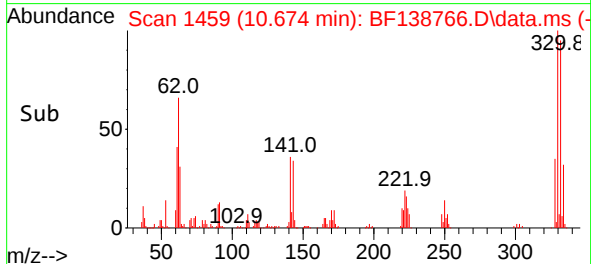
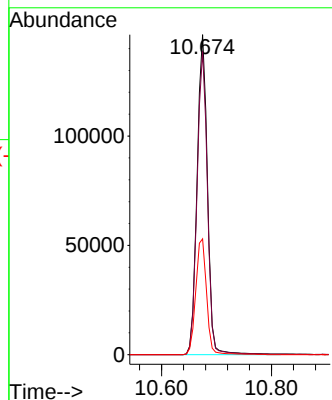
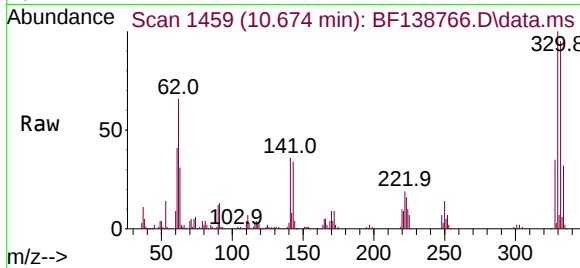




#42  
2,4,6-Tribromophenol  
Concen: 144.794 ng  
RT: 10.674 min Scan# 1458  
Delta R.T. 0.006 min  
Lab File: BF138766.D  
Acq: 03 Aug 2024 13:06

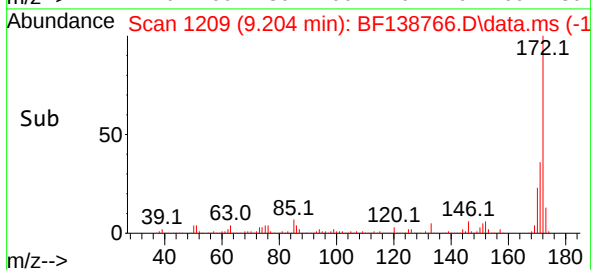
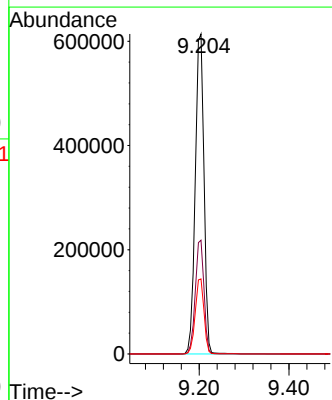
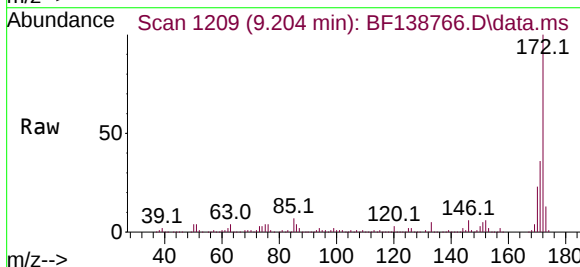
Instrument :  
BNA\_F  
ClientSampleId :  
EB-02-072624

Tgt Ion:330 Resp: 192516  
Ion Ratio Lower Upper  
330 100  
332 94.8 76.4 114.6  
141 37.7 31.1 46.7



#45  
2-Fluorobiphenyl  
Concen: 76.785 ng  
RT: 9.204 min Scan# 1209  
Delta R.T. -0.000 min  
Lab File: BF138766.D  
Acq: 03 Aug 2024 13:06

Tgt Ion:172 Resp: 829518  
Ion Ratio Lower Upper  
172 100  
171 35.6 28.3 42.5  
170 23.5 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.369 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF138766.D

Acq: 03 Aug 2024 13:06

Instrument :

BNA\_F

ClientSampleId :

EB-02-072624

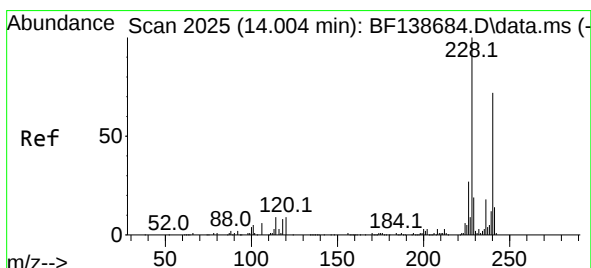
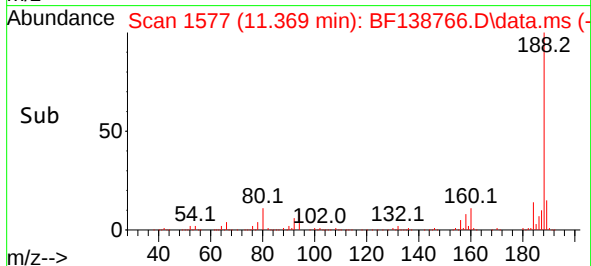
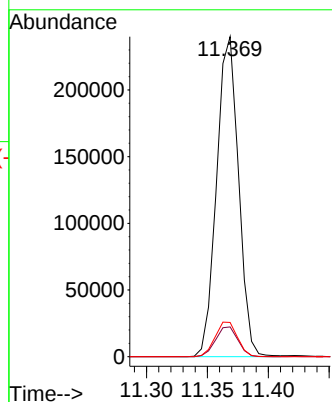
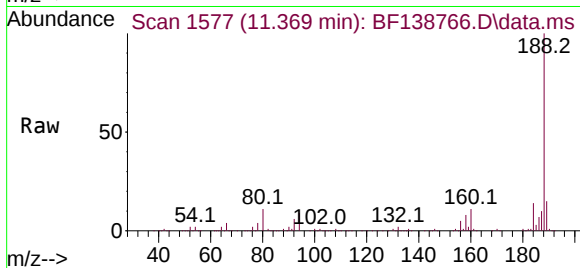
Tgt Ion:188 Resp: 301171

Ion Ratio Lower Upper

188 100

94 9.3 7.6 11.4

80 10.7 8.6 12.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.010 min Scan# 2026

Delta R.T. 0.006 min

Lab File: BF138766.D

Acq: 03 Aug 2024 13:06

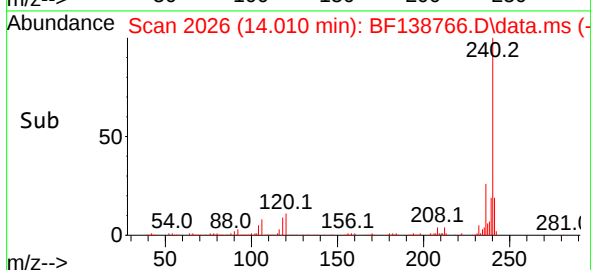
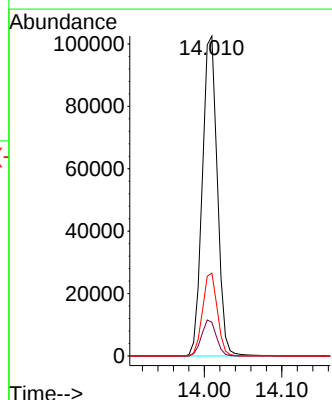
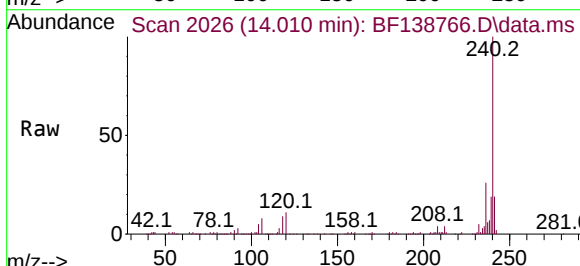
Tgt Ion:240 Resp: 137794

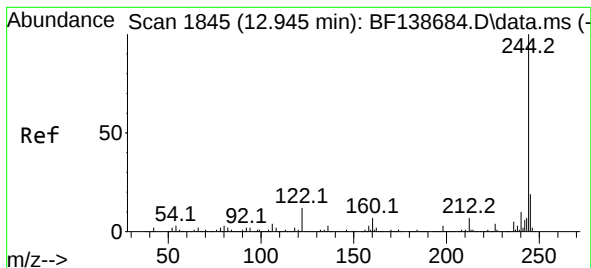
Ion Ratio Lower Upper

240 100

120 10.5 10.2 15.4

236 25.9 19.8 29.8





#79

Terphenyl-d14

Concen: 107.141 ng

RT: 12.957 min Scan# 11

Delta R.T. 0.012 min

Lab File: BF138766.D

Acq: 03 Aug 2024 13:06

Instrument :

BNA\_F

ClientSampleId :

EB-02-072624

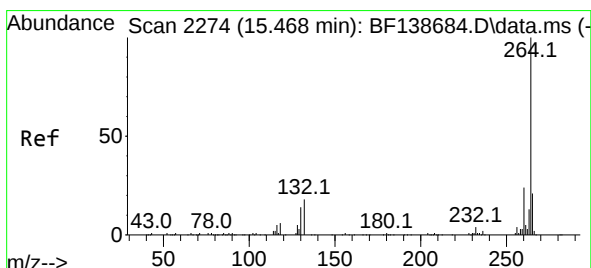
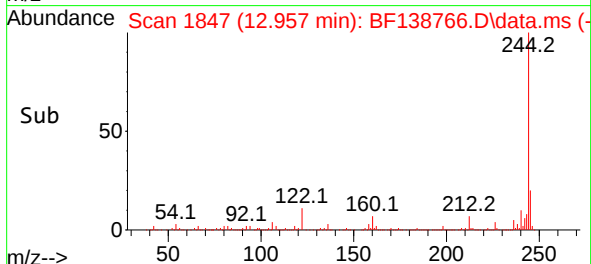
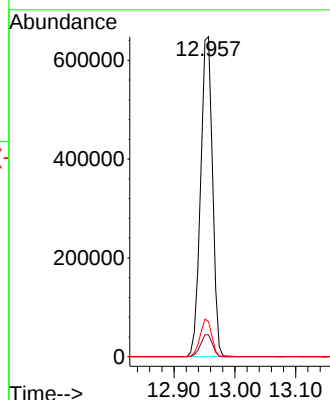
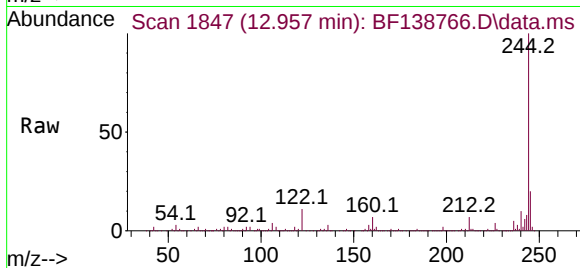
Tgt Ion:244 Resp: 881778

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

122 11.0 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.474 min Scan# 2275

Delta R.T. 0.006 min

Lab File: BF138766.D

Acq: 03 Aug 2024 13:06

Tgt Ion:264 Resp: 142490

Ion Ratio Lower Upper

264 100

260 23.0 19.0 28.6

265 21.5 17.0 25.6

