

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF080124\  
 Data File : BF138724.D  
 Acq On : 01 Aug 2024 14:54  
 Operator : RC/JU  
 Sample : P3379-11  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 OU4-VSL-01-072324

Quant Time: Aug 01 15:33:27 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  | 68414    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.122  | 136  | 297708   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.875  | 164  | 163017   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.363 | 188  | 255717   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 14.004 | 240  | 126187   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 15.468 | 264  | 141594   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.469  | 112  | 400209   | 90.301 | ng    | 0.00     |
| 7) Phenol-d6                | 6.481  | 99   | 564176   | 94.814 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.404  | 82   | 371288   | 60.975 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.669 | 330  | 119623   | 89.583 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.198  | 172  | 649467   | 59.860 | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.945 | 244  | 471976   | 62.622 | ng    | 0.00     |

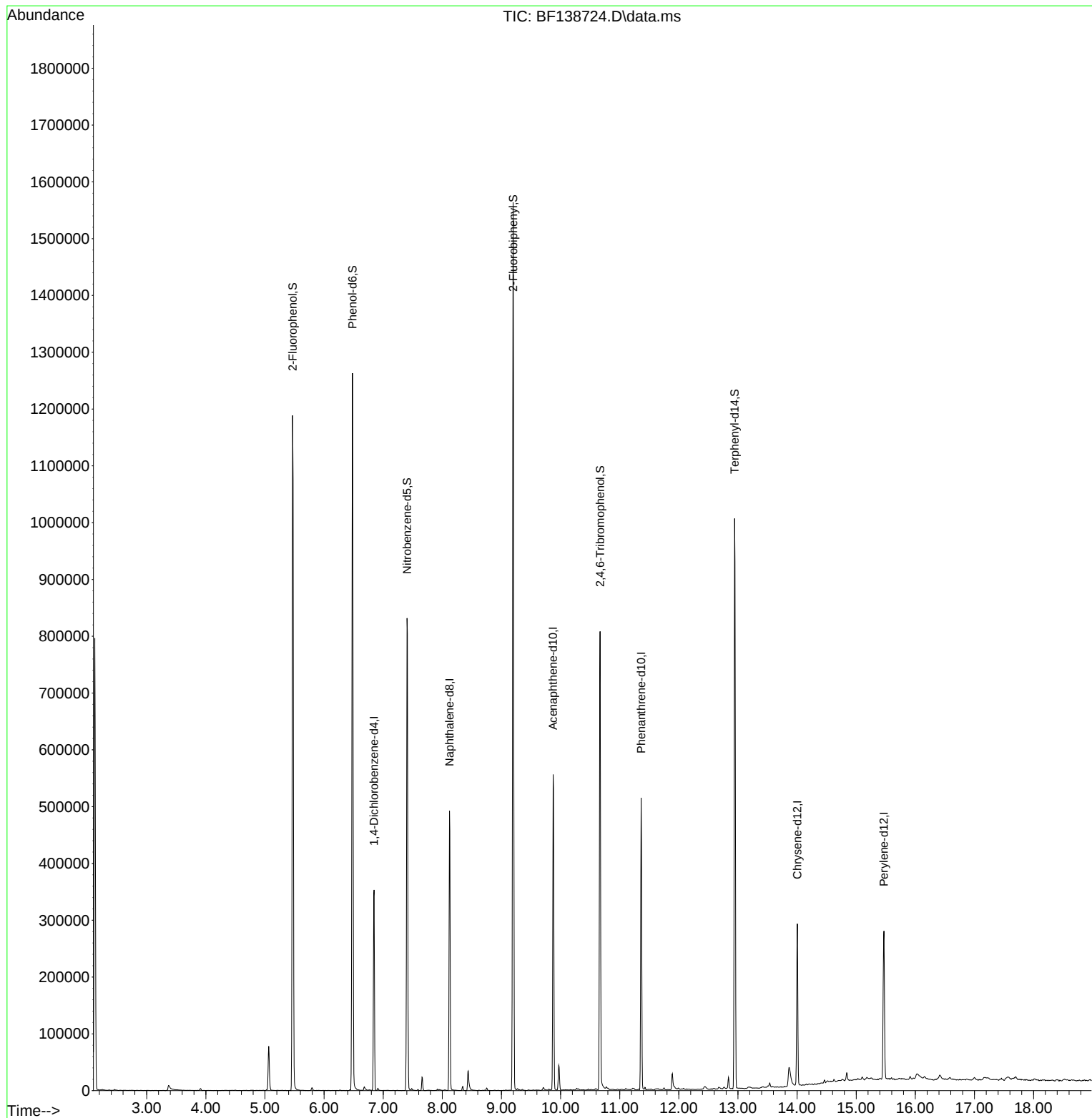
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

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

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Quant Time: Aug 01 15:33:27 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

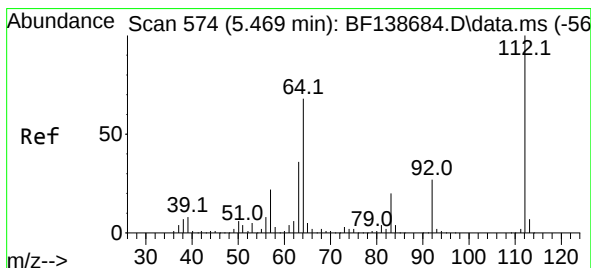
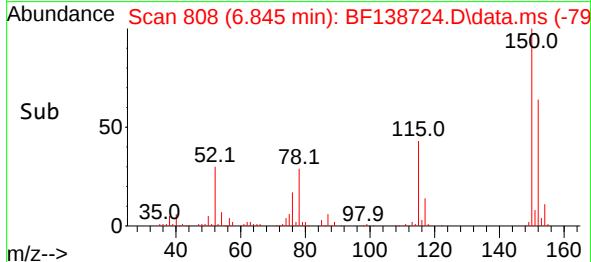
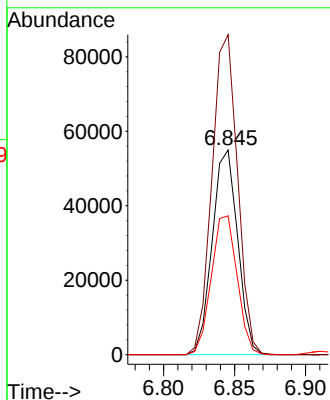
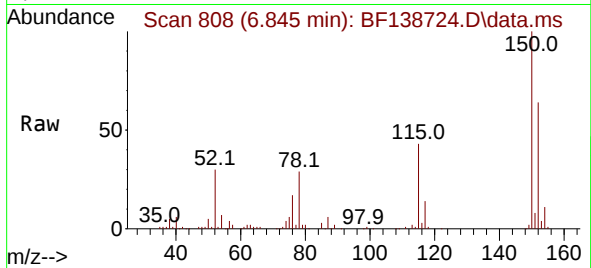




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.845 min Scan# 808  
Delta R.T. 0.000 min  
Lab File: BF138724.D  
Acq: 01 Aug 2024 14:54

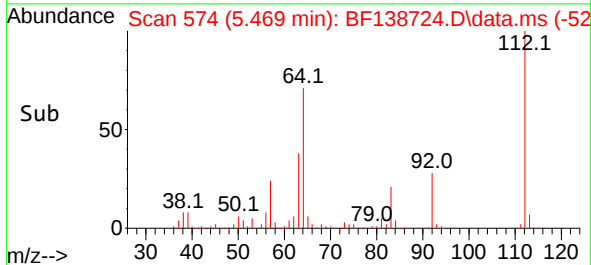
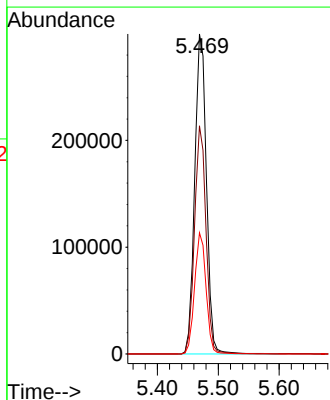
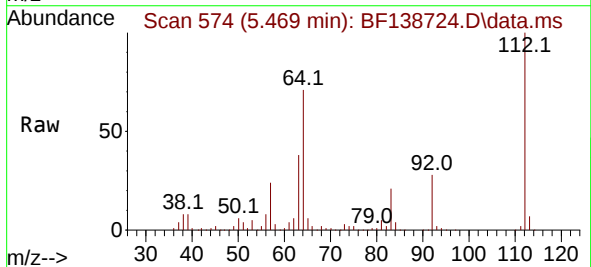
Instrument :  
BNA\_F  
ClientSampleId :  
OU4-VSL-01-072324

Tgt Ion:152 Resp: 68414  
Ion Ratio Lower Upper  
152 100  
150 156.3 126.0 189.0  
115 67.8 51.7 77.5



#5  
2-Fluorophenol  
Concen: 90.301 ng  
RT: 5.469 min Scan# 574  
Delta R.T. -0.000 min  
Lab File: BF138724.D  
Acq: 01 Aug 2024 14:54

Tgt Ion:112 Resp: 400209  
Ion Ratio Lower Upper  
112 100  
64 71.3 54.2 81.4  
63 37.9 28.7 43.1

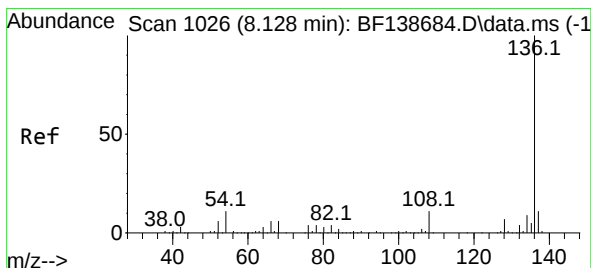
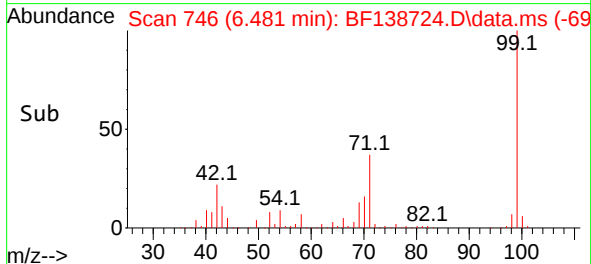
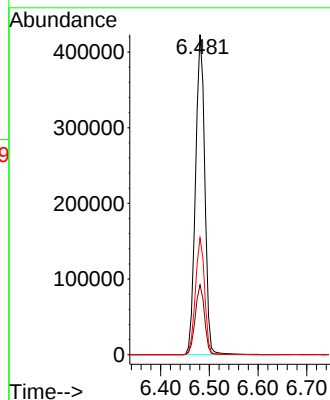
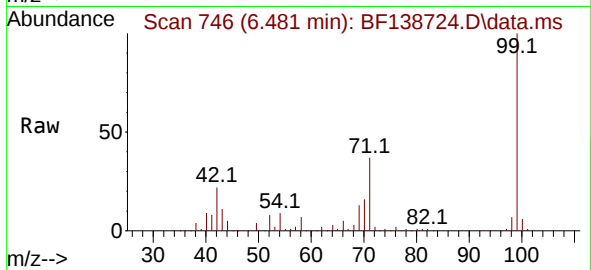




#7  
Phenol-d6  
Concen: 94.814 ng  
RT: 6.481 min Scan# 74  
Delta R.T. -0.006 min  
Lab File: BF138724.D  
Acq: 01 Aug 2024 14:54

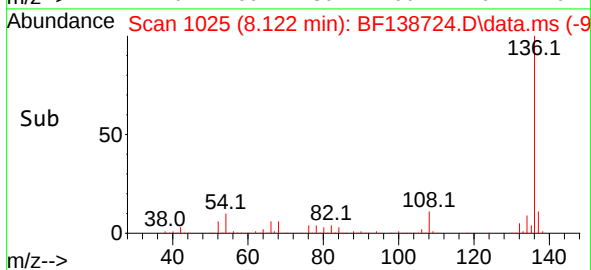
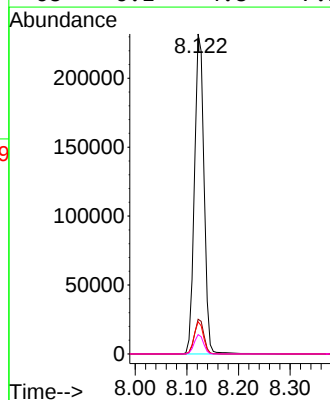
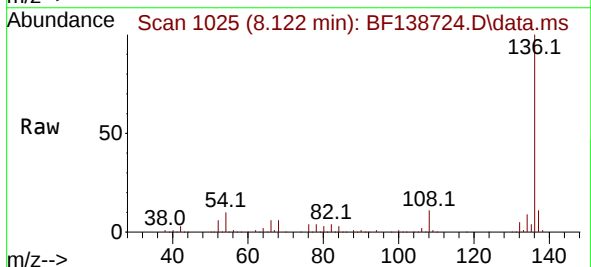
Instrument :  
BNA\_F  
ClientSampleId :  
OU4-VSL-01-072324

Tgt Ion: 99 Resp: 564176  
Ion Ratio Lower Upper  
99 100  
42 21.8 17.4 26.0  
71 36.5 28.1 42.1



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.122 min Scan# 1025  
Delta R.T. -0.006 min  
Lab File: BF138724.D  
Acq: 01 Aug 2024 14:54

Tgt Ion: 136 Resp: 297708  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.9 13.3  
54 10.1 8.6 12.8  
68 6.1 4.8 7.2





#23

Nitrobenzene-d5

Concen: 60.975 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF138724.D

Acq: 01 Aug 2024 14:54

Instrument :

BNA\_F

ClientSampleId :

OU4-VSL-01-072324

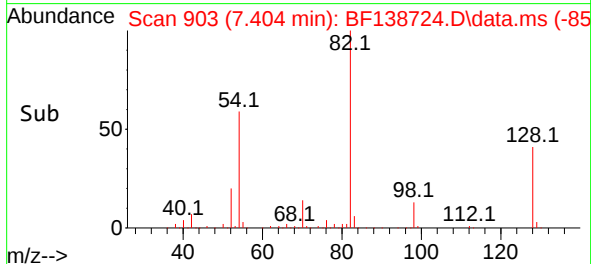
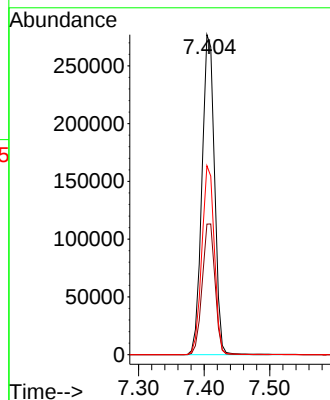
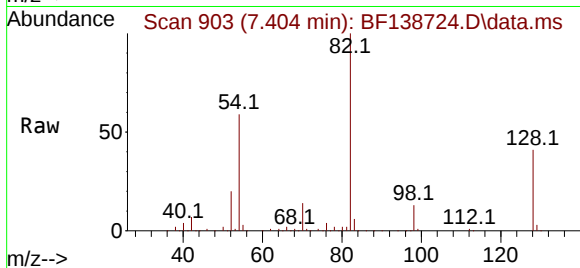
Tgt Ion: 82 Resp: 371288

Ion Ratio Lower Upper

82 100

128 40.8 32.8 49.2

54 59.0 48.3 72.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 1323

Delta R.T. -0.005 min

Lab File: BF138724.D

Acq: 01 Aug 2024 14:54

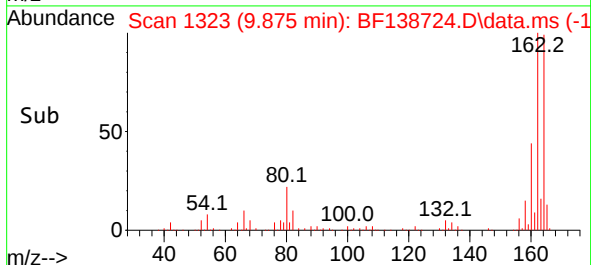
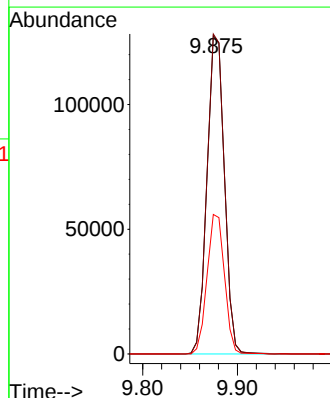
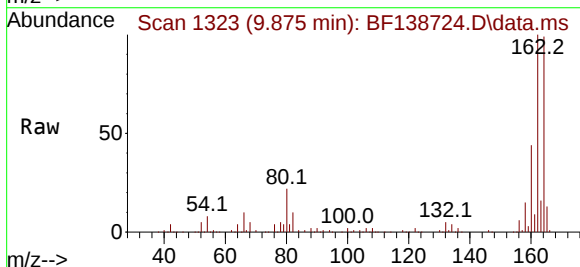
Tgt Ion: 164 Resp: 163017

Ion Ratio Lower Upper

164 100

162 100.5 79.4 119.0

160 43.8 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 89.583 ng

RT: 10.669 min Scan# 1458

Delta R.T. -0.000 min

Lab File: BF138724.D

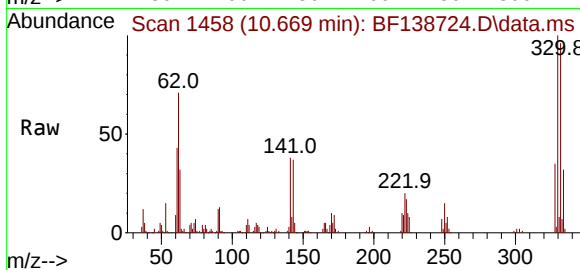
Acq: 01 Aug 2024 14:54

Instrument :

BNA\_F

ClientSampleId :

OU4-VSL-01-072324



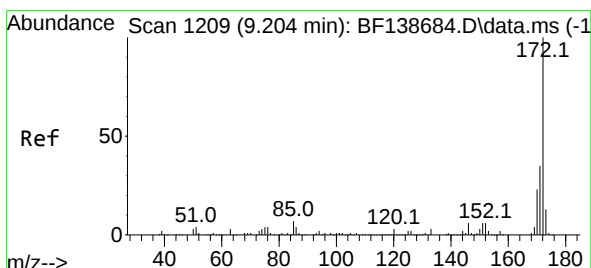
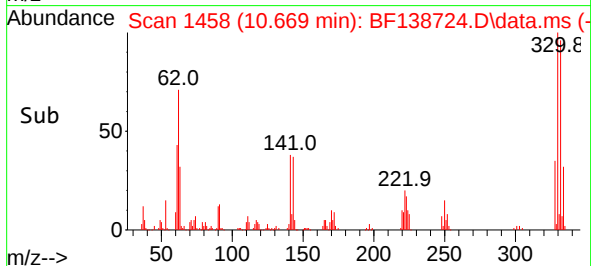
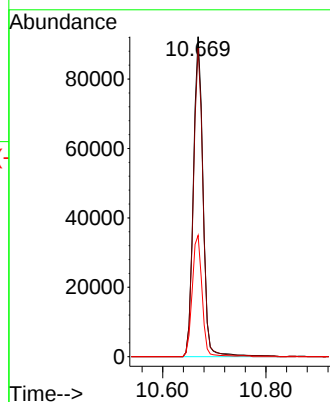
Tgt Ion:330 Resp: 119623

Ion Ratio Lower Upper

330 100

332 95.8 76.4 114.6

141 38.7 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 59.860 ng

RT: 9.198 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF138724.D

Acq: 01 Aug 2024 14:54

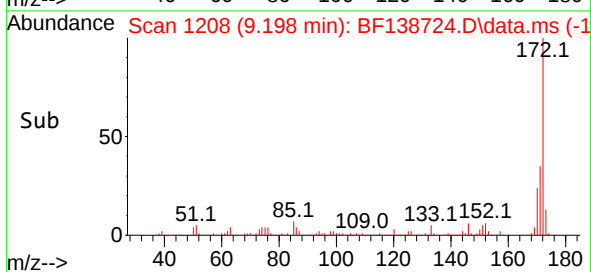
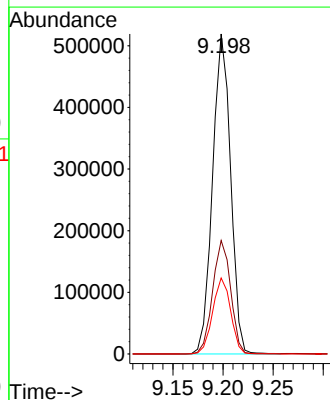
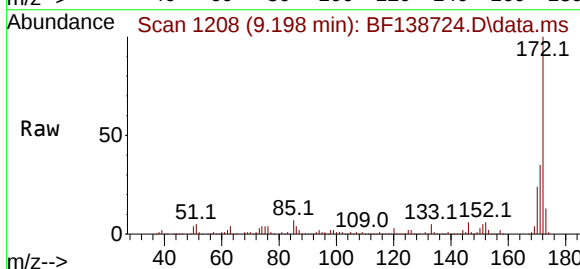
Tgt Ion:172 Resp: 649467

Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

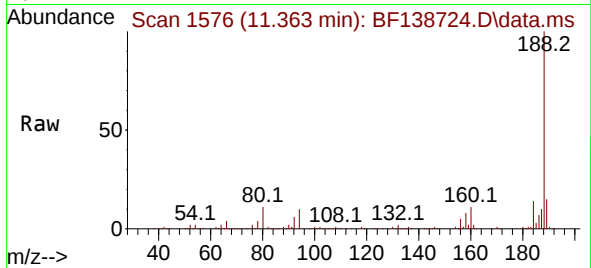
170 23.7 18.8 28.2



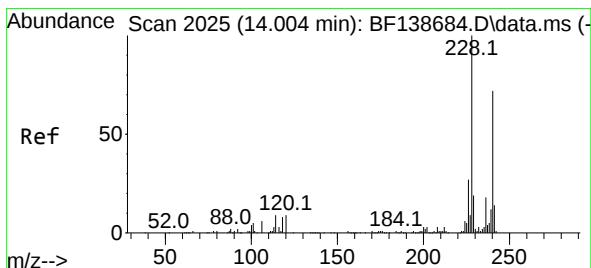
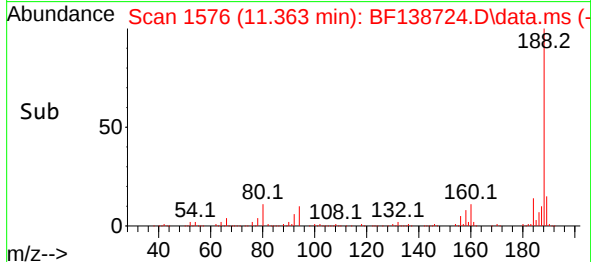
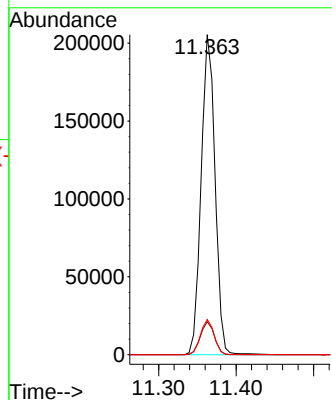


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.363 min Scan# 1576  
Delta R.T. -0.006 min  
Lab File: BF138724.D  
Acq: 01 Aug 2024 14:54

Instrument :  
BNA\_F  
ClientSampleId :  
OU4-VSL-01-072324

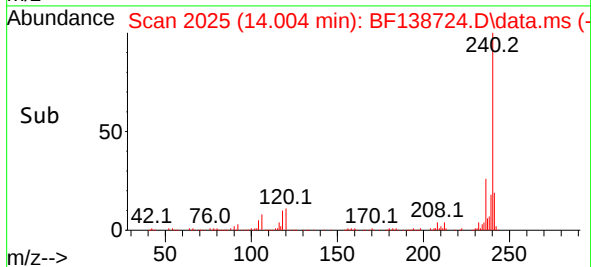
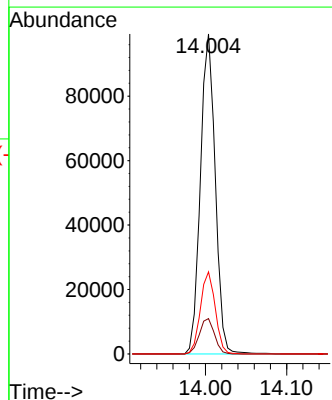
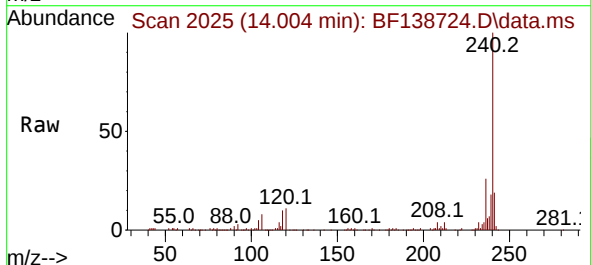


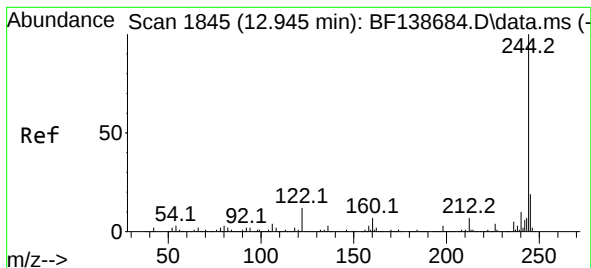
Tgt Ion:188 Resp: 255717  
Ion Ratio Lower Upper  
188 100  
94 10.3 7.6 11.4  
80 11.0 8.6 12.8



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.004 min Scan# 2025  
Delta R.T. -0.000 min  
Lab File: BF138724.D  
Acq: 01 Aug 2024 14:54

Tgt Ion:240 Resp: 126187  
Ion Ratio Lower Upper  
240 100  
120 11.0 10.2 15.4  
236 25.7 19.8 29.8





#79

Terphenyl-d14

Concen: 62.622 ng

RT: 12.945 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF138724.D

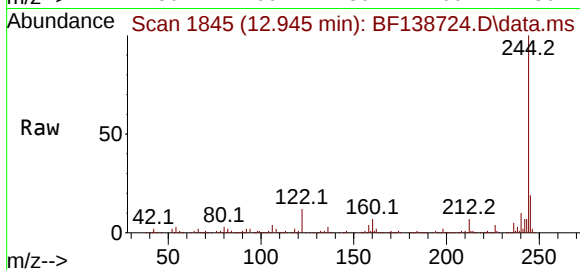
Acq: 01 Aug 2024 14:54

Instrument :

BNA\_F

ClientSampleId :

OU4-VSL-01-072324



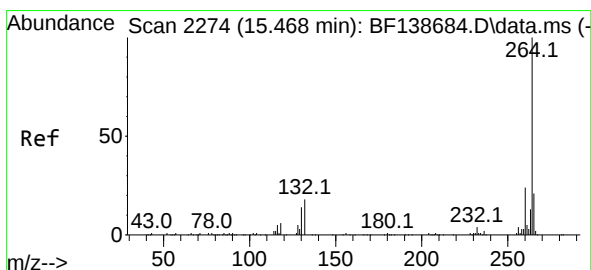
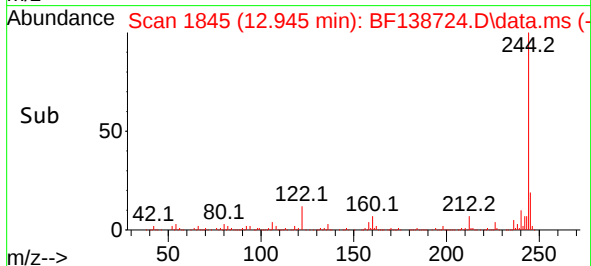
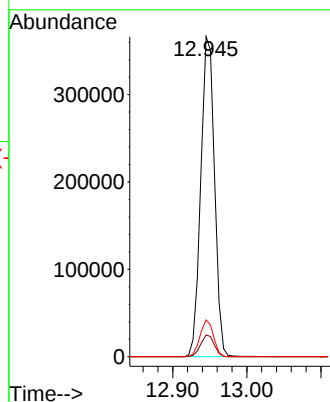
Tgt Ion:244 Resp: 471976

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

122 11.5 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 2274

Delta R.T. -0.000 min

Lab File: BF138724.D

Acq: 01 Aug 2024 14:54

Tgt Ion:264 Resp: 141594

Ion Ratio Lower Upper

264 100

260 23.8 19.0 28.6

265 21.6 17.0 25.6

