

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF081324\  
Data File : BF138972.D  
Acq On : 13 Aug 2024 13:47  
Operator : RC/JU  
Sample : P3520-09  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
OU4-CF-12-080624

Quant Time: Aug 13 14:14:06 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   | 6.840  | 152  | 38006    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.116  | 136  | 155621   | 20.000 | ng    | -0.01    |
| 39) Acenaphthene-d10        | 9.869  | 164  | 84542    | 20.000 | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.357 | 188  | 133895   | 20.000 | ng    | -0.01    |
| 76) Chrysene-d12            | 13.998 | 240  | 68546    | 20.000 | ng    | # 0.00   |
| 86) Perylene-d12            | 15.462 | 264  | 65747    | 20.000 | ng    | 0.00     |
|                             |        |      |          |        |       |          |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.469  | 112  | 139426   | 56.629 | ng    | 0.00     |
| 7) Phenol-d6                | 6.481  | 99   | 190818   | 57.726 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.404  | 82   | 129939   | 40.823 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.663 | 330  | 38393    | 55.440 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.192  | 172  | 239349   | 42.538 | ng    | -0.01    |
| 79) Terphenyl-d14           | 12.933 | 244  | 189626   | 46.317 | ng    | -0.01    |

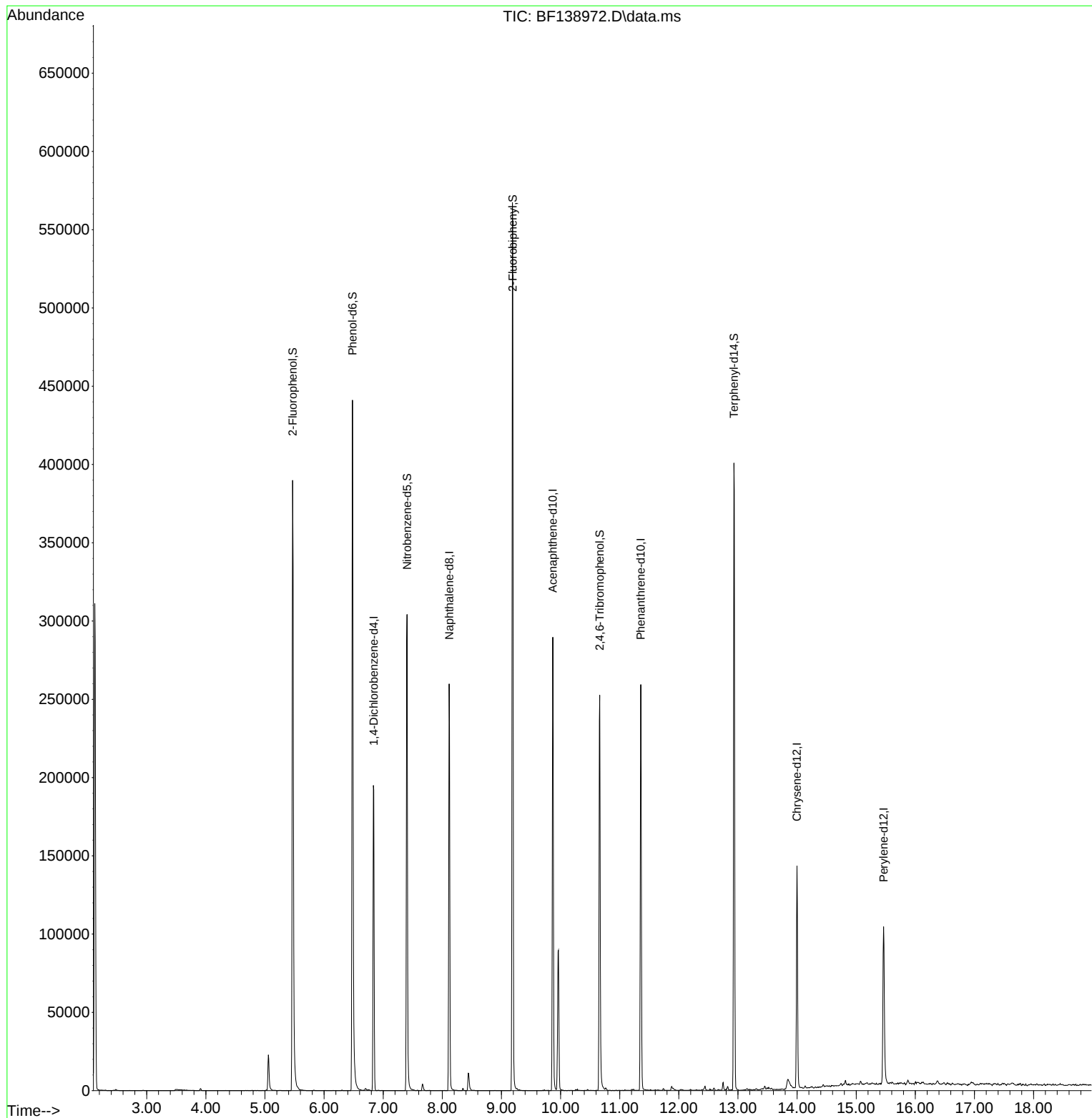
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF081324\  
Data File : BF138972.D  
Acq On : 13 Aug 2024 13:47  
Operator : RC/JU  
Sample : P3520-09  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
OU4-CF-12-080624

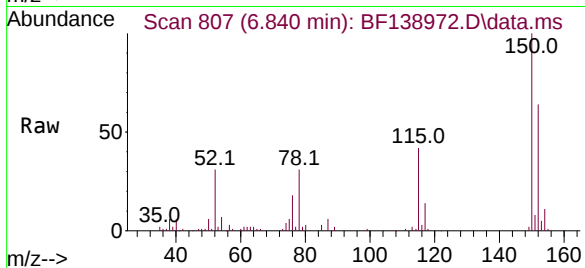
Quant Time: Aug 13 14:14:06 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF073024.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Jul 30 17:50:01 2024  
Response via : Initial Calibration



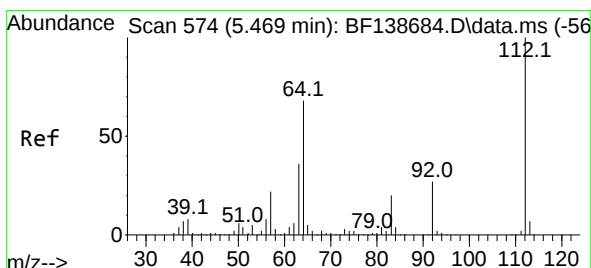
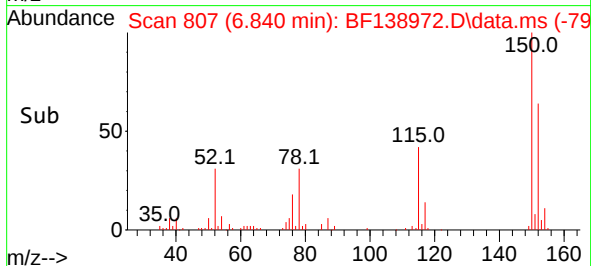
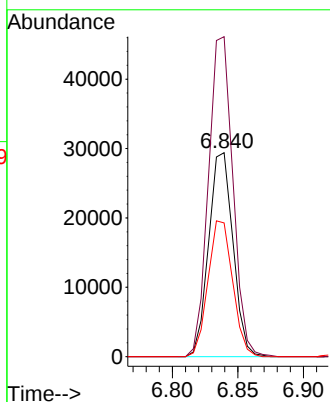


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.840 min Scan# 808  
Delta R.T. -0.005 min  
Lab File: BF138972.D  
Acq: 13 Aug 2024 13:47

Instrument :  
BNA\_F  
ClientSampleId :  
OU4-CF-12-080624

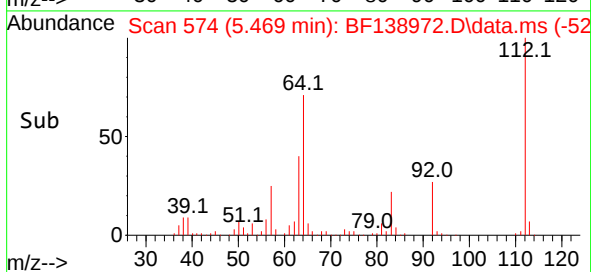
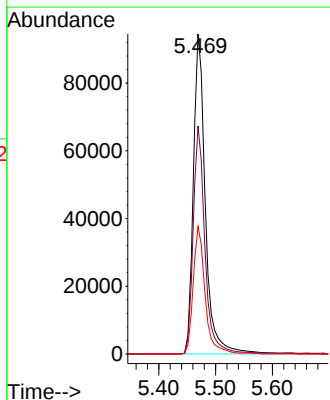
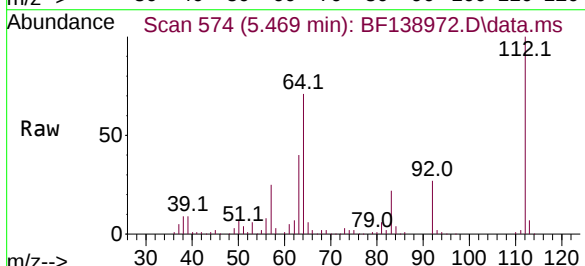


Tgt Ion:152 Resp: 38006  
Ion Ratio Lower Upper  
152 100  
150 156.8 126.0 189.0  
115 65.5 51.7 77.5



#5  
2-Fluorophenol  
Concen: 56.629 ng  
RT: 5.469 min Scan# 574  
Delta R.T. -0.000 min  
Lab File: BF138972.D  
Acq: 13 Aug 2024 13:47

Tgt Ion:112 Resp: 139426  
Ion Ratio Lower Upper  
112 100  
64 71.2 54.2 81.4  
63 39.8 28.7 43.1

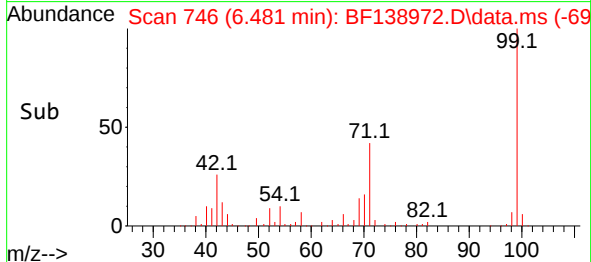
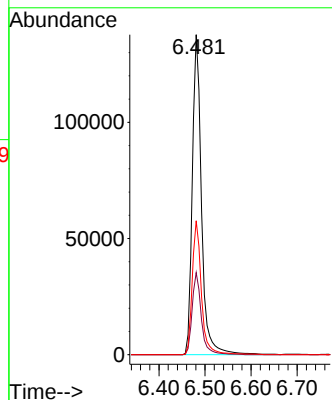
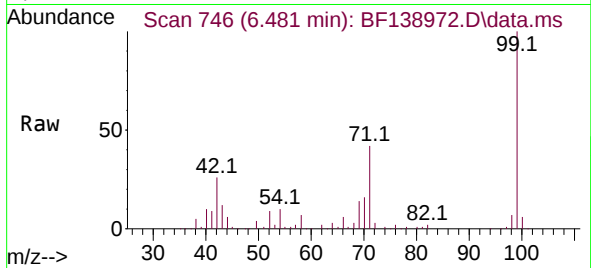




#7  
Phenol-d6  
Concen: 57.726 ng  
RT: 6.481 min Scan# 74  
Delta R.T. -0.006 min  
Lab File: BF138972.D  
Acq: 13 Aug 2024 13:47

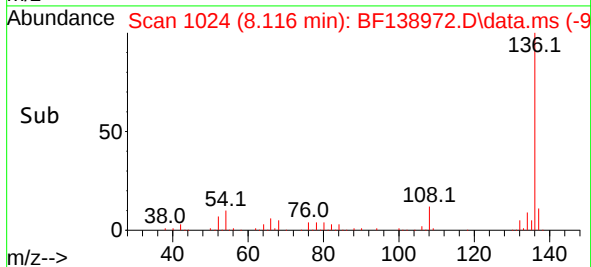
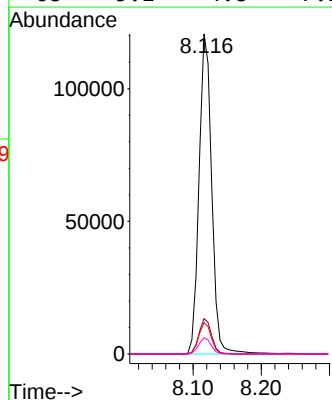
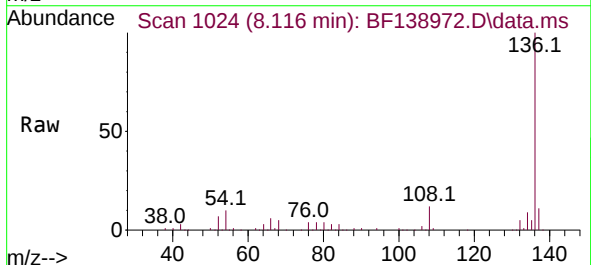
Instrument :  
BNA\_F  
ClientSampleId :  
OU4-CF-12-080624

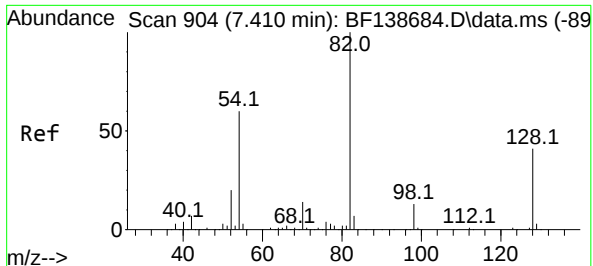
Tgt Ion: 99 Resp: 190818  
Ion Ratio Lower Upper  
99 100  
42 25.6 17.4 26.0  
71 41.8 28.1 42.1



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.116 min Scan# 1024  
Delta R.T. -0.012 min  
Lab File: BF138972.D  
Acq: 13 Aug 2024 13:47

Tgt Ion: 136 Resp: 155621  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.9 13.3  
54 9.8 8.6 12.8  
68 5.1 4.8 7.2





#23

Nitrobenzene-d5

Concen: 40.823 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF138972.D

Acq: 13 Aug 2024 13:47

Instrument :

BNA\_F

ClientSampleId :

OU4-CF-12-080624

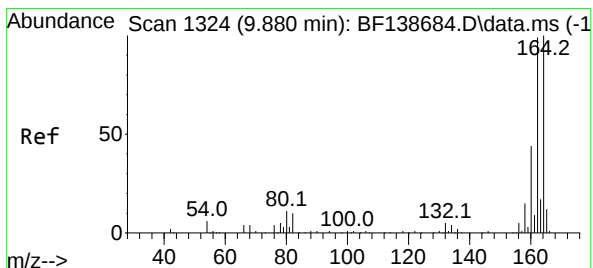
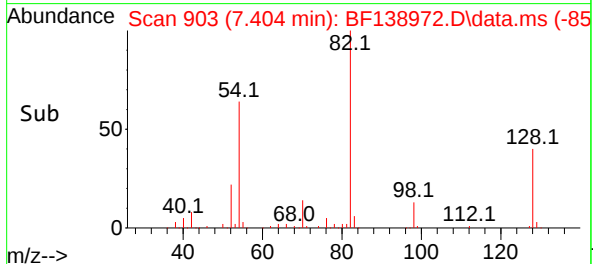
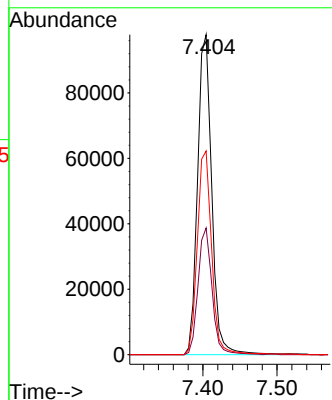
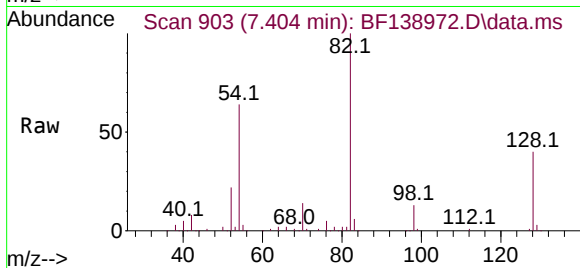
Tgt Ion: 82 Resp: 129939

Ion Ratio Lower Upper

82 100

128 39.6 32.8 49.2

54 63.7 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: BF138972.D

Acq: 13 Aug 2024 13:47

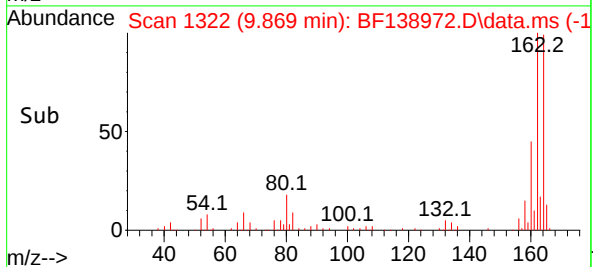
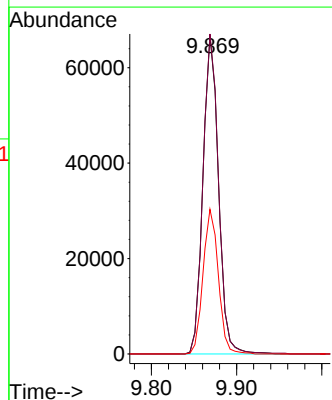
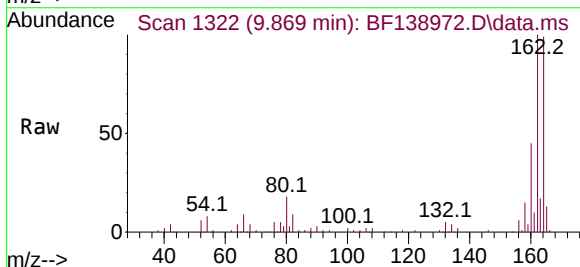
Tgt Ion:164 Resp: 84542

Ion Ratio Lower Upper

164 100

162 100.6 79.4 119.0

160 45.5 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 55.440 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.006 min

Lab File: BF138972.D

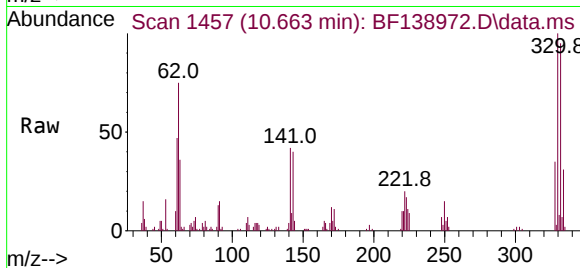
Acq: 13 Aug 2024 13:47

Instrument :

BNA\_F

ClientSampleId :

OU4-CF-12-080624



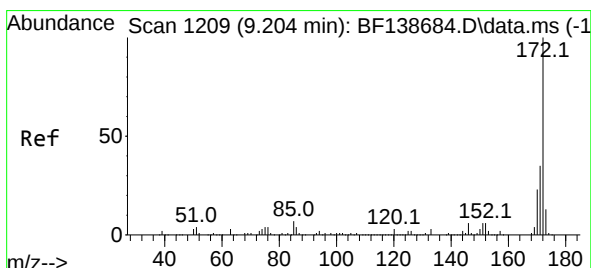
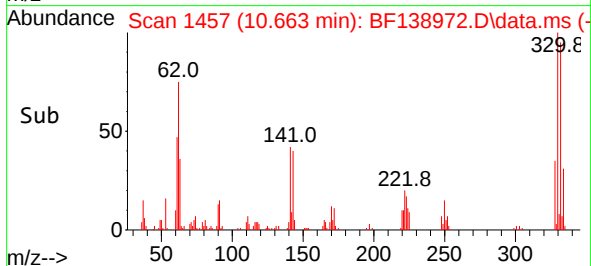
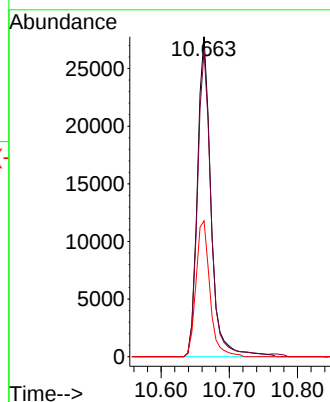
Tgt Ion:330 Resp: 38393

Ion Ratio Lower Upper

330 100

332 96.2 76.4 114.6

141 43.4 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 42.538 ng

RT: 9.192 min Scan# 1207

Delta R.T. -0.012 min

Lab File: BF138972.D

Acq: 13 Aug 2024 13:47

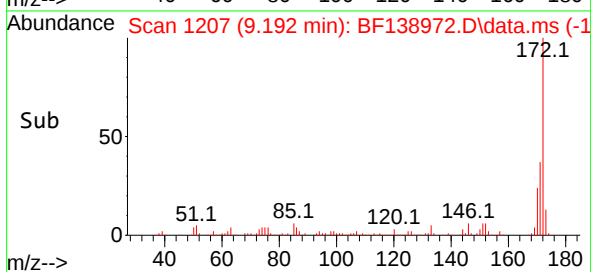
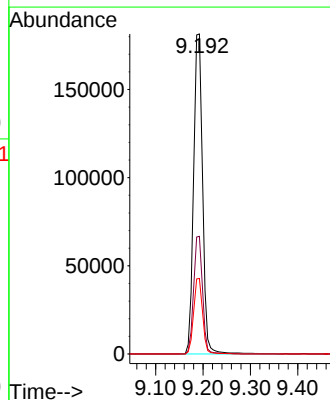
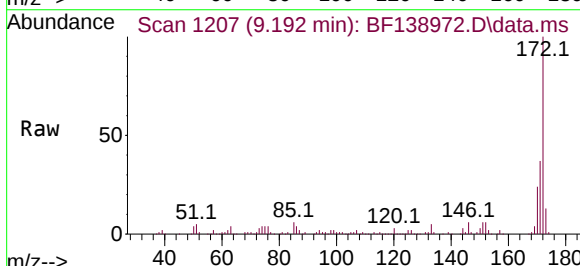
Tgt Ion:172 Resp: 239349

Ion Ratio Lower Upper

172 100

171 36.7 28.3 42.5

170 23.6 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF138972.D

Acq: 13 Aug 2024 13:47

Instrument :

BNA\_F

ClientSampleId :

OU4-CF-12-080624

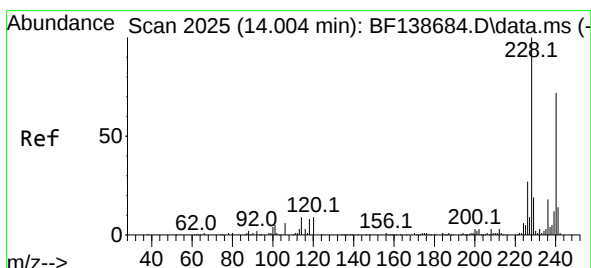
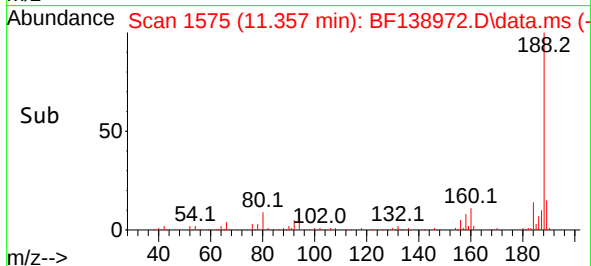
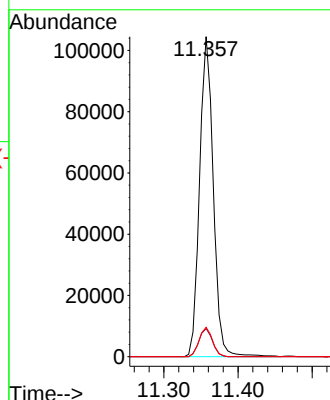
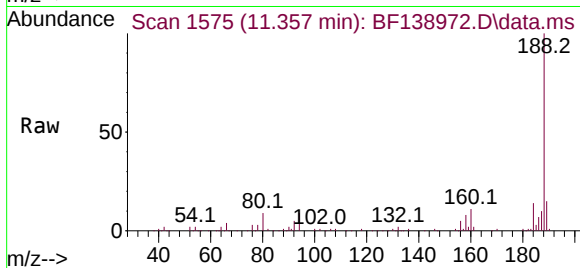
Tgt Ion:188 Resp: 133895

Ion Ratio Lower Upper

188 100

94 8.8 7.6 11.4

80 9.2 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: BF138972.D

Acq: 13 Aug 2024 13:47

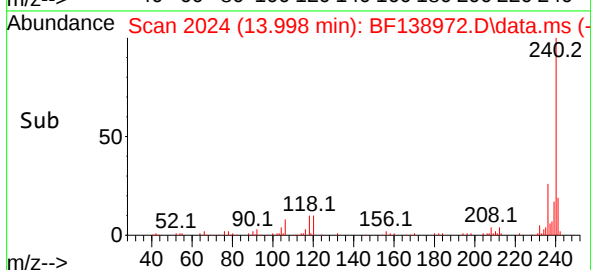
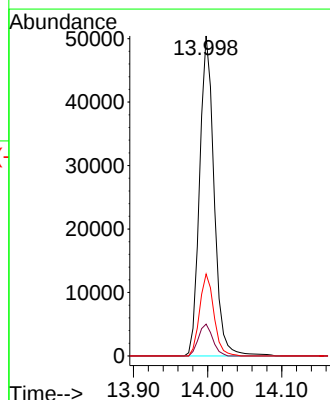
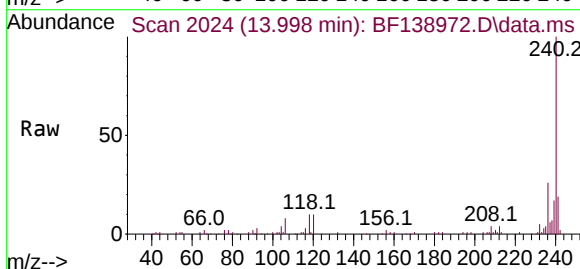
Tgt Ion:240 Resp: 68546

Ion Ratio Lower Upper

240 100

120 9.9 10.2 15.4#

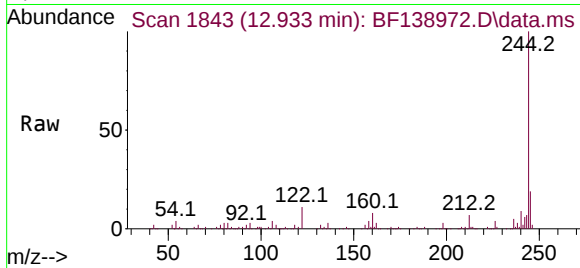
236 25.6 19.8 29.8



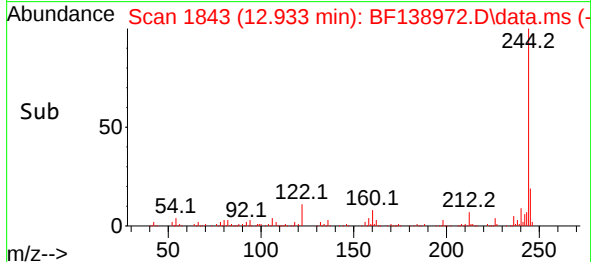
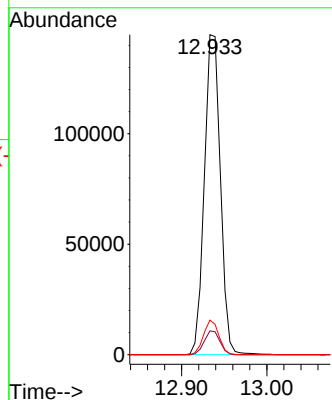


#79  
 Terphenyl-d14  
 Concen: 46.317 ng  
 RT: 12.933 min Scan# 1843  
 Delta R.T. -0.012 min  
 Lab File: BF138972.D  
 Acq: 13 Aug 2024 13:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
 OU4-CF-12-080624



Tgt Ion:244 Resp: 189626  
 Ion Ratio Lower Upper  
 244 100  
 212 7.5 5.4 8.2  
 122 10.8 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: BF138972.D  
 Acq: 13 Aug 2024 13:47

Tgt Ion:264 Resp: 65747  
 Ion Ratio Lower Upper  
 264 100  
 260 22.5 19.0 28.6  
 265 22.0 17.0 25.6

