

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF081224\  
 Data File : BF138955.D  
 Acq On : 13 Aug 2024 01:56  
 Operator : RC/JU  
 Sample : P3548-05  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 RBR200036

Quant Time: Aug 13 02:59:29 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   | 6.839  | 152  | 41455    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.116  | 136  | 173712   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10        | 9.869  | 164  | 101353   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.357 | 188  | 189884   | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12            | 13.998 | 240  | 105501   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.468 | 264  | 75103    | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.487  | 112  | 462358   | 172.167 | ng    | 0.02     |
| 7) Phenol-d6                | 6.492  | 99   | 592565   | 164.347 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.410  | 82   | 411423   | 115.795 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.669 | 330  | 167073   | 201.240 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.192  | 172  | 761209   | 112.845 | ng    | -0.01    |
| 79) Terphenyl-d14           | 12.945 | 244  | 933223   | 148.100 | ng    | 0.00     |

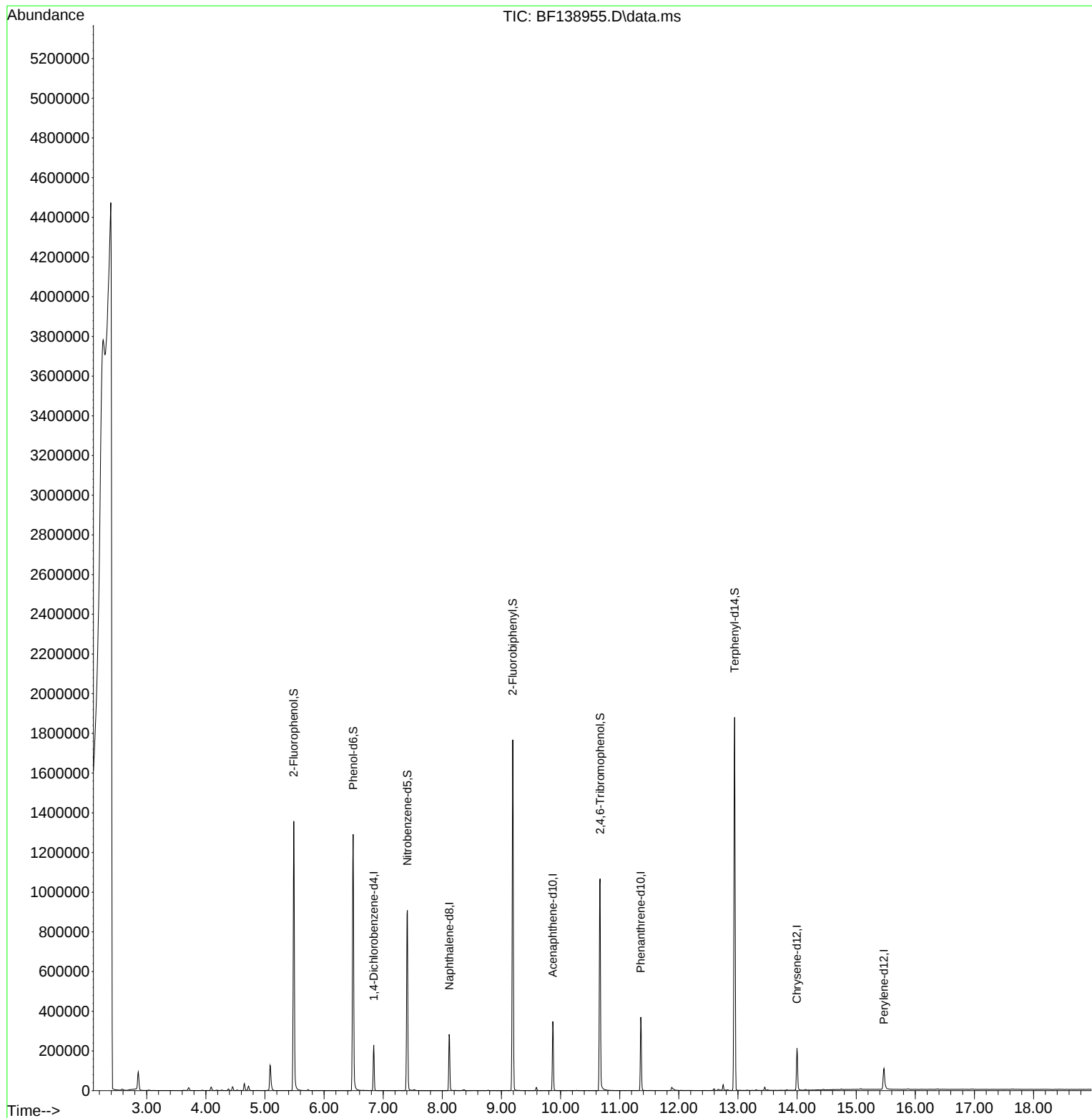
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

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

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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

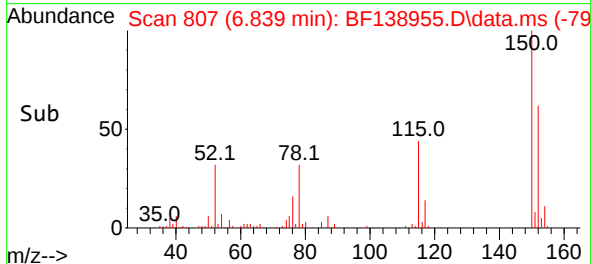
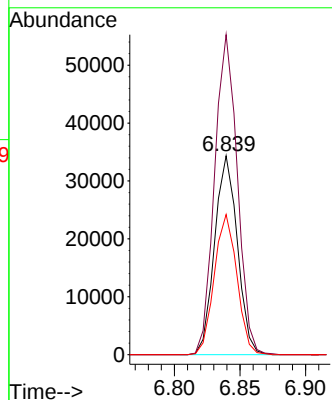
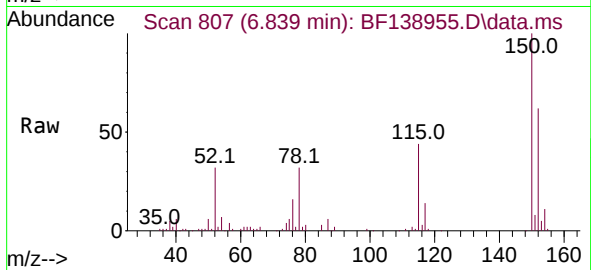




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.839 min Scan# 80  
Delta R.T. -0.006 min  
Lab File: BF138955.D  
Acq: 13 Aug 2024 01:56

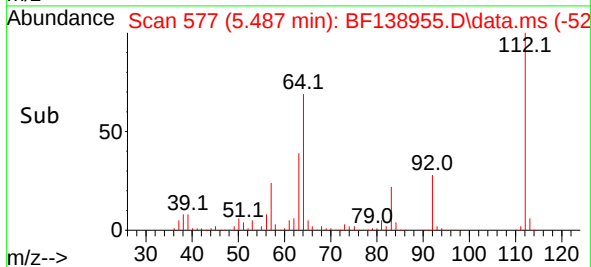
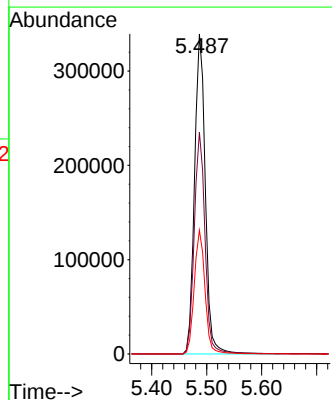
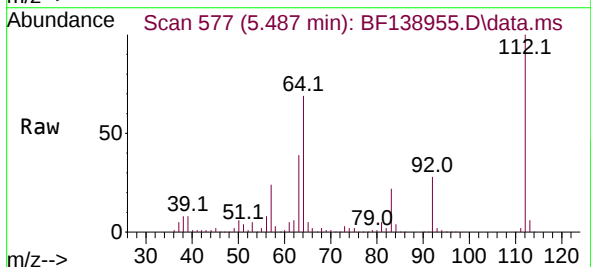
Instrument :  
BNA\_F  
ClientSampleId :  
RBR200036

Tgt Ion:152 Resp: 41455  
Ion Ratio Lower Upper  
152 100  
150 160.9 126.0 189.0  
115 70.5 51.7 77.5



#5  
2-Fluorophenol  
Concen: 172.167 ng  
RT: 5.487 min Scan# 577  
Delta R.T. 0.018 min  
Lab File: BF138955.D  
Acq: 13 Aug 2024 01:56

Tgt Ion:112 Resp: 462358  
Ion Ratio Lower Upper  
112 100  
64 69.4 54.2 81.4  
63 38.6 28.7 43.1





#7

Phenol-d6

Concen: 164.347 ng

RT: 6.492 min Scan# 74

Delta R.T. 0.006 min

Lab File: BF138955.D

Acq: 13 Aug 2024 01:56

Instrument :

BNA\_F

ClientSampleId :

RBR200036

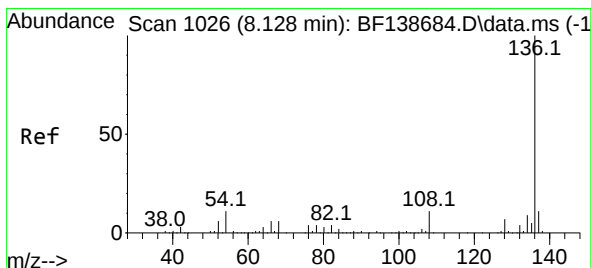
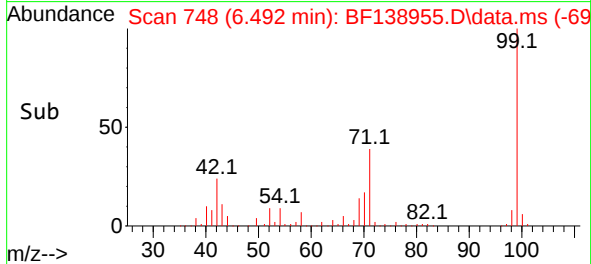
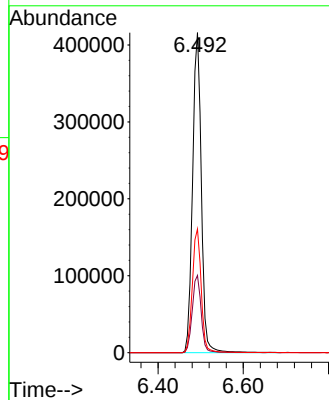
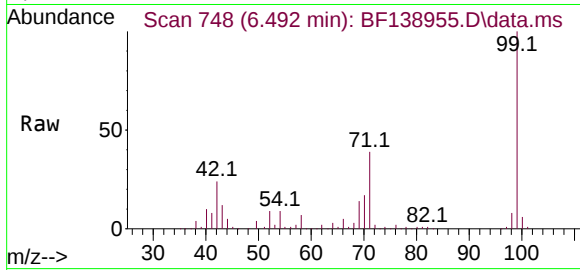
Tgt Ion: 99 Resp: 592565

Ion Ratio Lower Upper

99 100

42 24.2 17.4 26.0

71 38.7 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: BF138955.D

Acq: 13 Aug 2024 01:56

Tgt Ion: 136 Resp: 173712

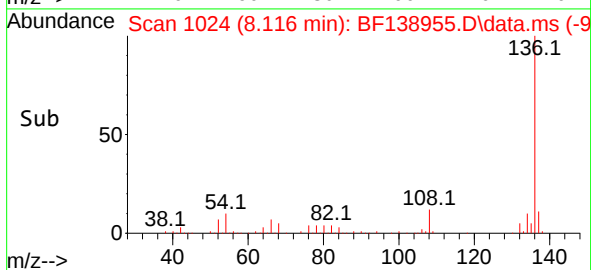
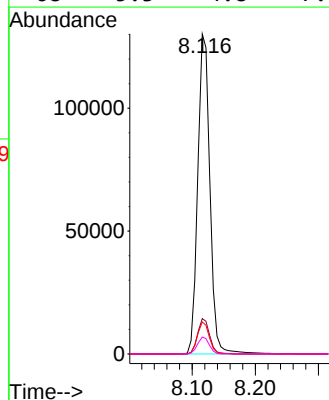
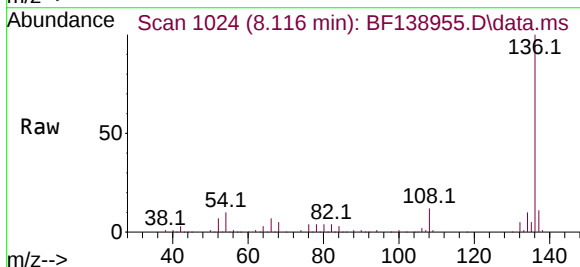
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 10.0 8.6 12.8

68 5.3 4.8 7.2

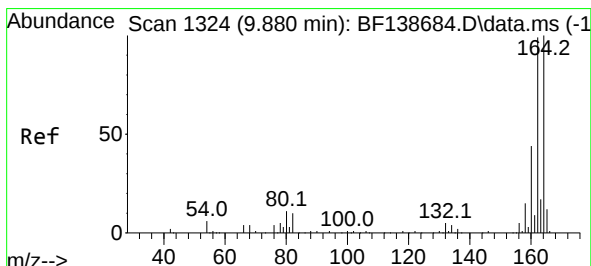
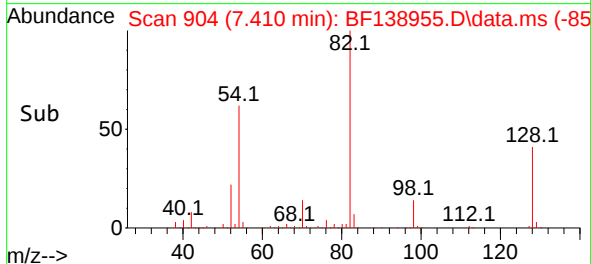
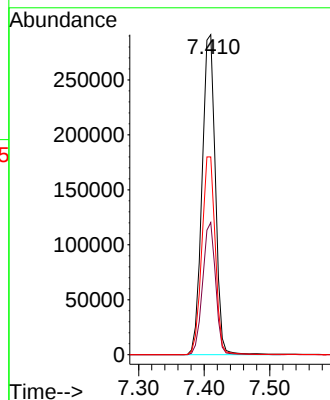
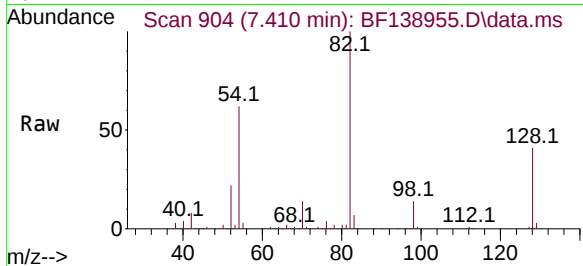




#23  
 Nitrobenzene-d5  
 Concen: 115.795 ng  
 RT: 7.410 min Scan# 904  
 Delta R.T. -0.000 min  
 Lab File: BF138955.D  
 Acq: 13 Aug 2024 01:56

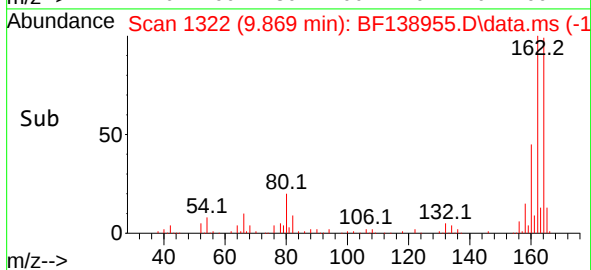
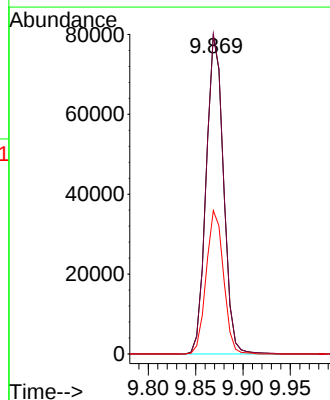
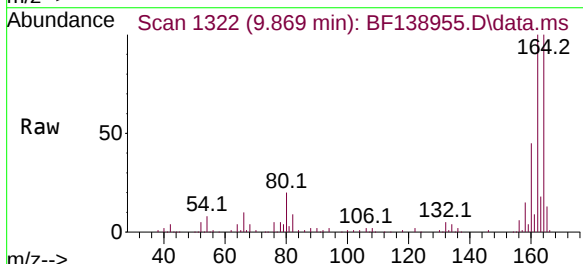
Instrument :  
 BNA\_F  
 ClientSampleId :  
 RBR200036

Tgt Ion: 82 Resp: 411423  
 Ion Ratio Lower Upper  
 82 100  
 128 41.3 32.8 49.2  
 54 61.8 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: BF138955.D  
 Acq: 13 Aug 2024 01:56

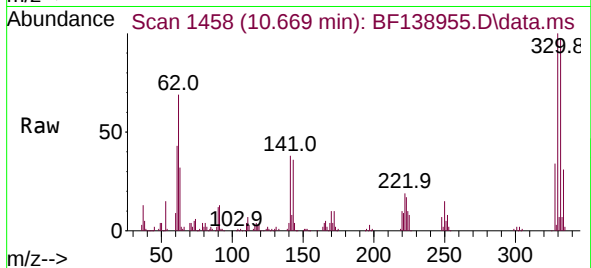
Tgt Ion:164 Resp: 101353  
 Ion Ratio Lower Upper  
 164 100  
 162 100.4 79.4 119.0  
 160 45.0 35.1 52.7



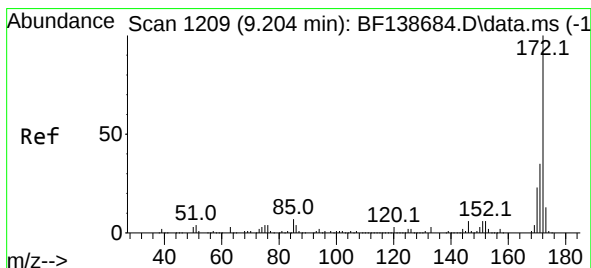
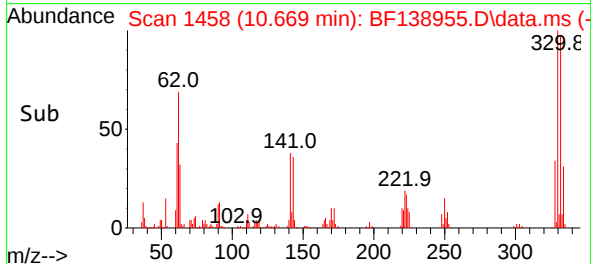
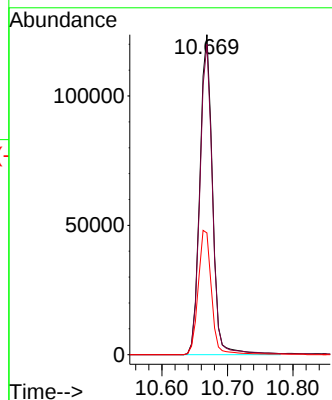


#42  
2,4,6-Tribromophenol  
Concen: 201.240 ng  
RT: 10.669 min Scan# 1458  
Delta R.T. -0.000 min  
Lab File: BF138955.D  
Acq: 13 Aug 2024 01:56

Instrument :  
BNA\_F  
ClientSampleId :  
RBR200036

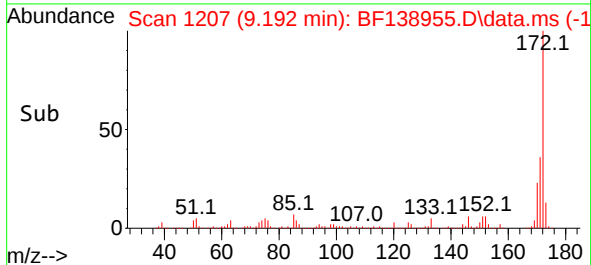
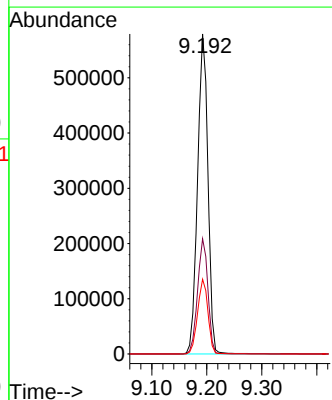
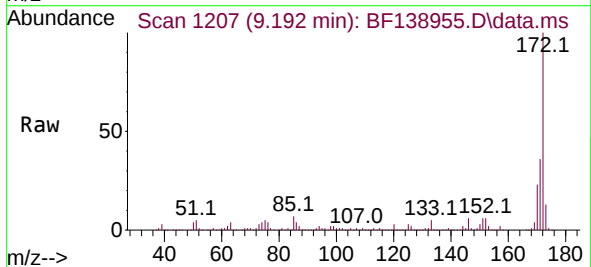


Tgt Ion:330 Resp: 167073  
Ion Ratio Lower Upper  
330 100  
332 97.0 76.4 114.6  
141 41.1 31.1 46.7



#45  
2-Fluorobiphenyl  
Concen: 112.845 ng  
RT: 9.192 min Scan# 1207  
Delta R.T. -0.012 min  
Lab File: BF138955.D  
Acq: 13 Aug 2024 01:56

Tgt Ion:172 Resp: 761209  
Ion Ratio Lower Upper  
172 100  
171 36.0 28.3 42.5  
170 23.3 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: BF138955.D

Acq: 13 Aug 2024 01:56

Instrument :

BNA\_F

ClientSampleId :

RBR200036

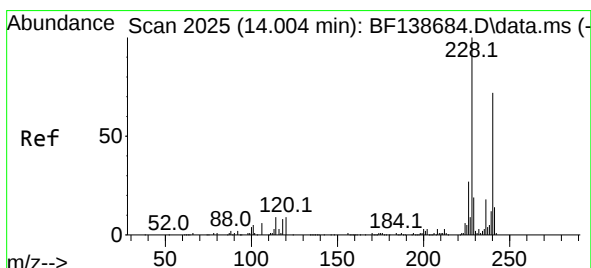
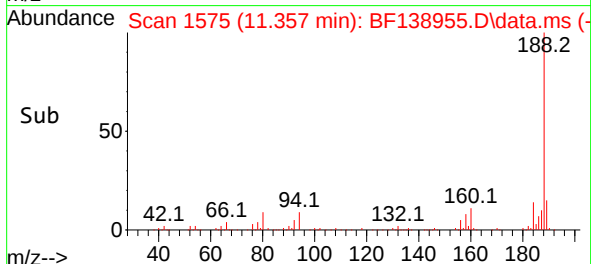
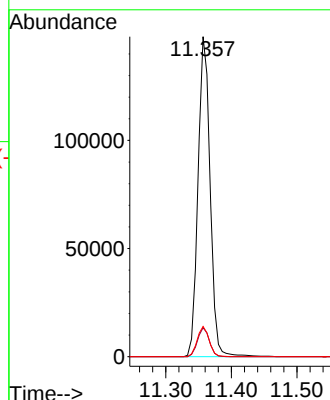
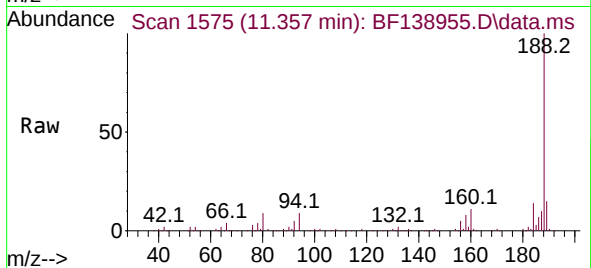
Tgt Ion:188 Resp: 189884

Ion Ratio Lower Upper

188 100

94 9.1 7.6 11.4

80 9.5 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: BF138955.D

Acq: 13 Aug 2024 01:56

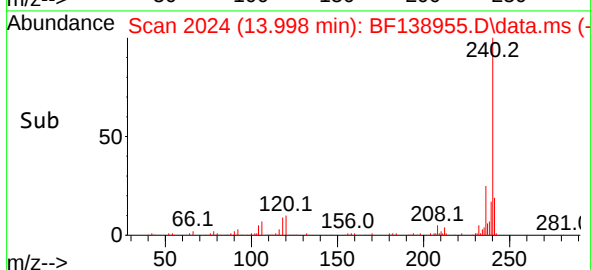
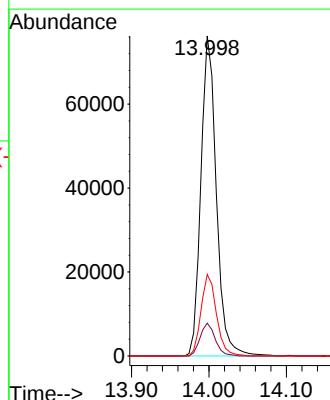
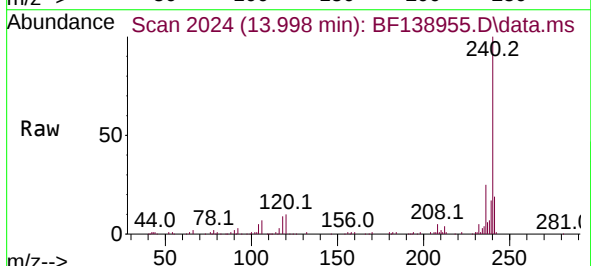
Tgt Ion:240 Resp: 105501

Ion Ratio Lower Upper

240 100

120 10.2 10.2 15.4

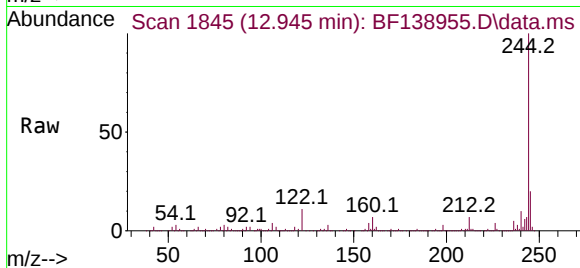
236 25.4 19.8 29.8



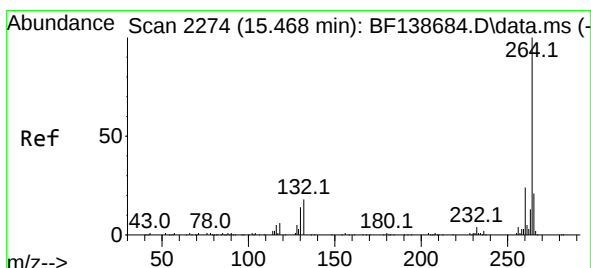
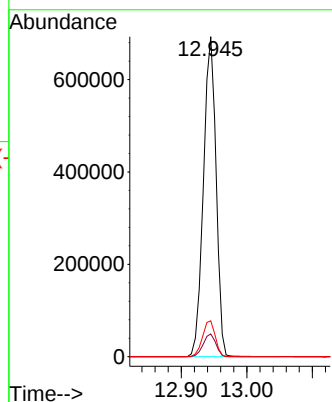
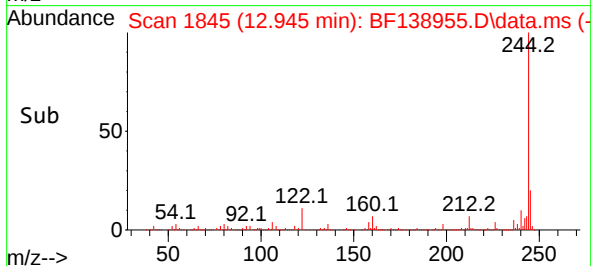


#79  
 Terphenyl-d14  
 Concen: 148.100 ng  
 RT: 12.945 min Scan# 1845  
 Delta R.T. -0.000 min  
 Lab File: BF138955.D  
 Acq: 13 Aug 2024 01:56

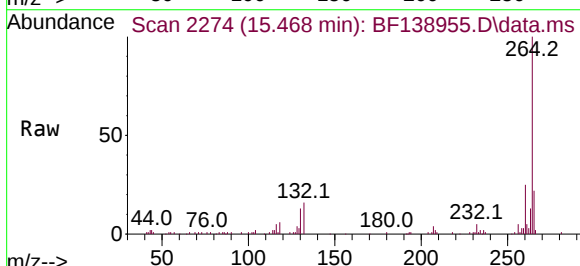
Instrument :  
 BNA\_F  
 ClientSampleId :  
 RBR200036



Tgt Ion:244 Resp: 933223  
 Ion Ratio Lower Upper  
 244 100  
 212 7.1 5.4 8.2  
 122 11.2 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: BF138955.D  
 Acq: 13 Aug 2024 01:56



Tgt Ion:264 Resp: 75103  
 Ion Ratio Lower Upper  
 264 100  
 260 25.1 19.0 28.6  
 265 22.1 17.0 25.6

