

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF053024\  
 Data File : BF138074.D  
 Acq On : 30 May 2024 14:28  
 Operator : CG\JU  
 Sample : P2612-09  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 RBR200057

Quant Time: May 30 15:14:44 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF051424.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 15 04:12:16 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.034  | 152  | 100238   | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8          | 8.316  | 136  | 386826   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10        | 10.081 | 164  | 235994   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.580 | 188  | 388504   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.233 | 240  | 148126   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.816 | 264  | 74187m   | 20.000  | ng    | 0.03     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.681  | 112  | 727057   | 123.208 | ng    | 0.02     |
| 7) Phenol-d6                | 6.663  | 99   | 769196   | 105.816 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.598  | 82   | 590725   | 89.871  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.881 | 330  | 361026   | 151.722 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.398  | 172  | 1355262  | 88.461  | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.169 | 244  | 1270872  | 126.447 | ng    | 0.00     |

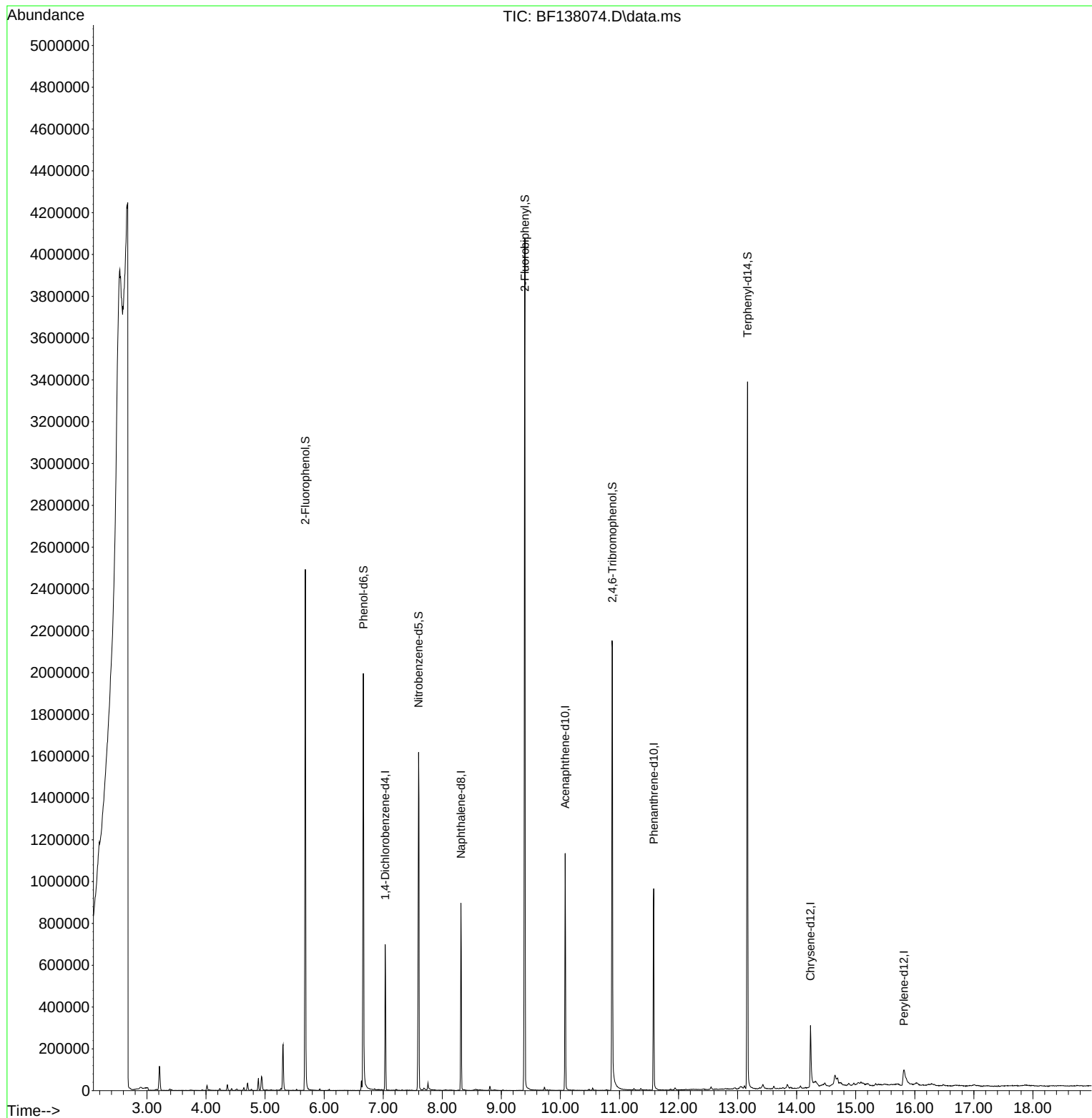
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

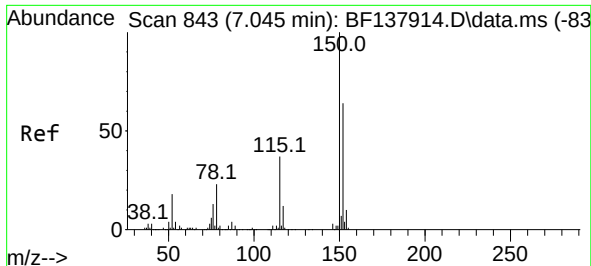
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 10 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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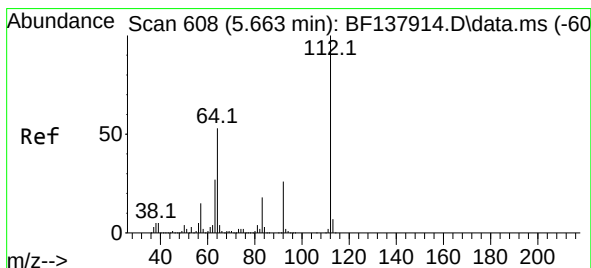
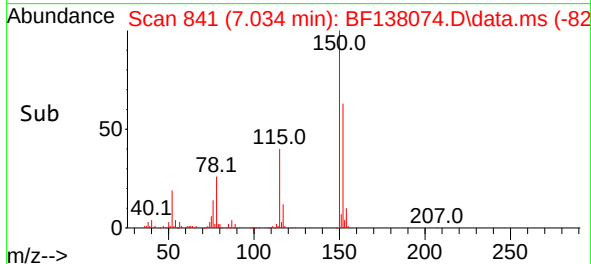
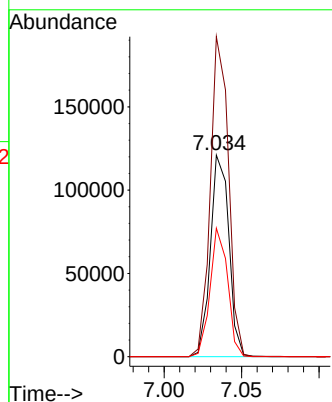
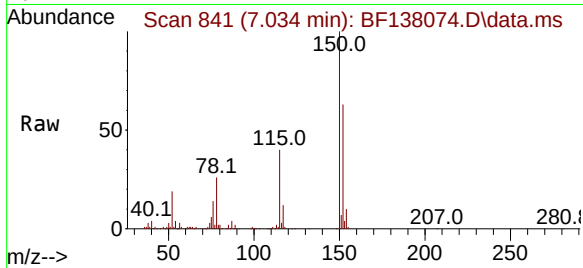




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.034 min Scan# 84  
Delta R.T. -0.011 min  
Lab File: BF138074.D  
Acq: 30 May 2024 14:28

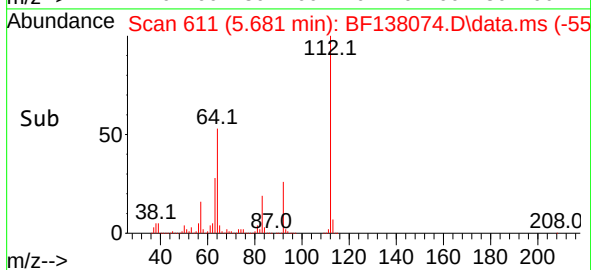
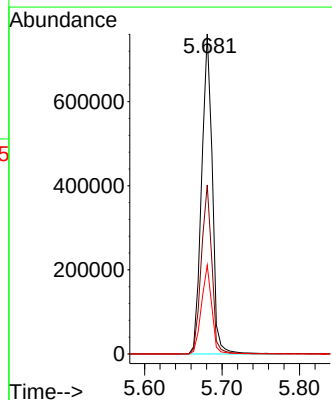
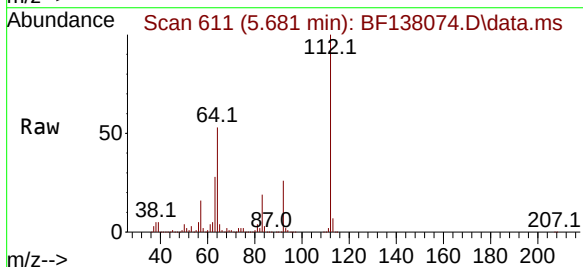
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BNA\_F  
ClientSampleId :  
RBR200057

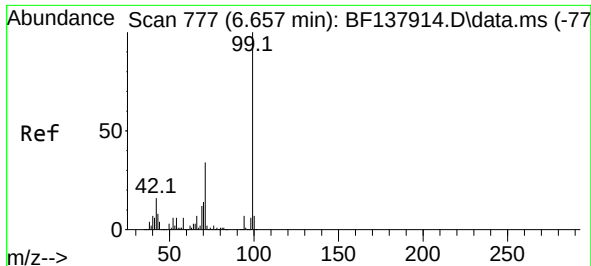
Tgt Ion:152 Resp: 100238  
Ion Ratio Lower Upper  
152 100  
150 158.8 125.7 188.5  
115 63.8 47.0 70.6



#5  
2-Fluorophenol  
Concen: 123.208 ng  
RT: 5.681 min Scan# 611  
Delta R.T. 0.018 min  
Lab File: BF138074.D  
Acq: 30 May 2024 14:28

Tgt Ion:112 Resp: 727057  
Ion Ratio Lower Upper  
112 100  
64 52.8 42.4 63.6  
63 27.8 21.4 32.2

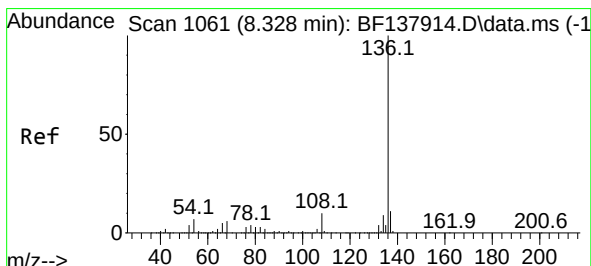
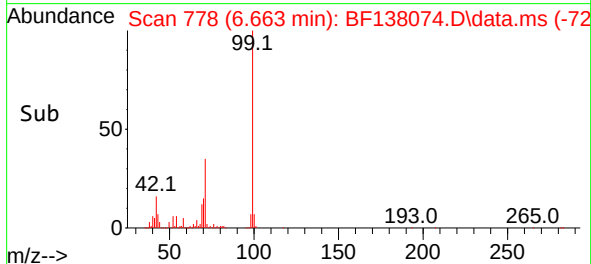
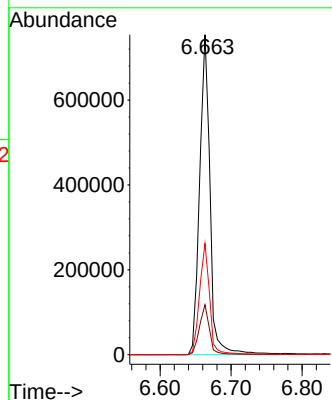
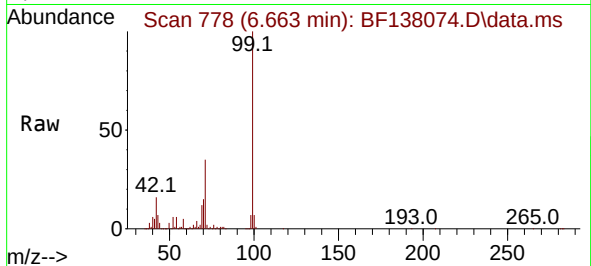




#7  
Phenol-d6  
Concen: 105.816 ng  
RT: 6.663 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: BF138074.D  
Acq: 30 May 2024 14:28

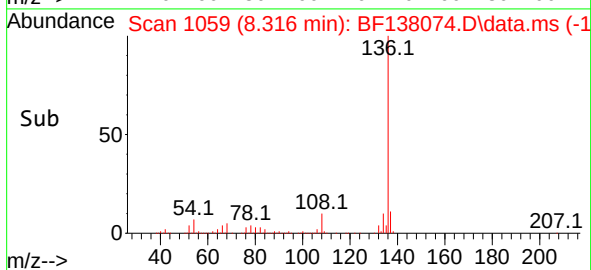
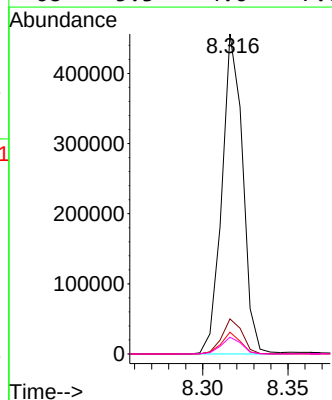
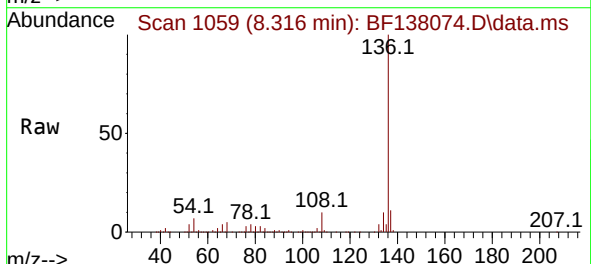
Instrument :  
BNA\_F  
ClientSampleId :  
RBR200057

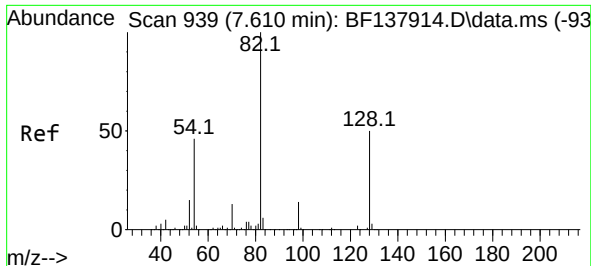
Tgt Ion: 99 Resp: 769196  
Ion Ratio Lower Upper  
99 100  
42 15.6 12.6 18.8  
71 34.8 27.1 40.7



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.316 min Scan# 1059  
Delta R.T. -0.012 min  
Lab File: BF138074.D  
Acq: 30 May 2024 14:28

Tgt Ion: 136 Resp: 386826  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.7 13.1  
54 6.8 5.4 8.2  
68 5.3 4.6 7.0

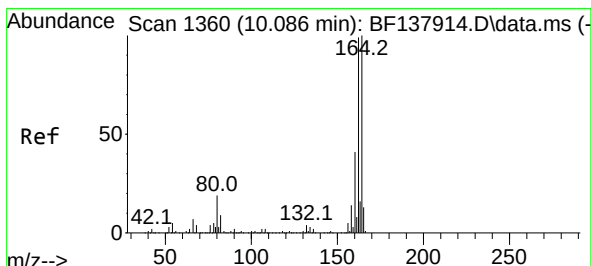
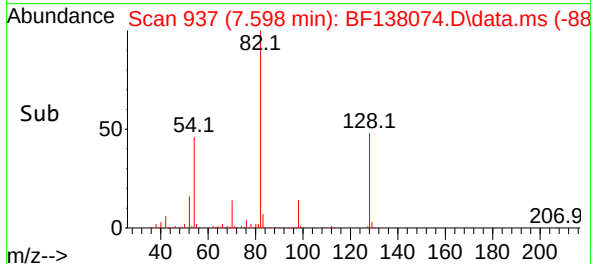
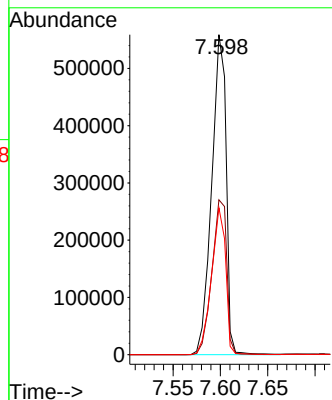
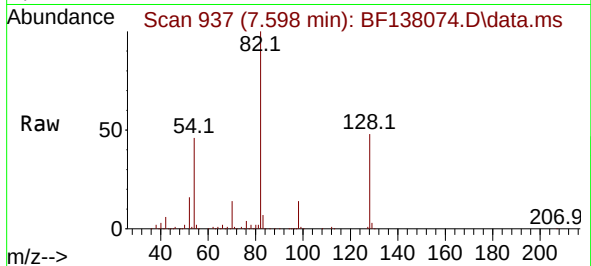




#23  
Nitrobenzene-d5  
Concen: 89.871 ng  
RT: 7.598 min Scan# 91  
Delta R.T. -0.012 min  
Lab File: BF138074.D  
Acq: 30 May 2024 14:28

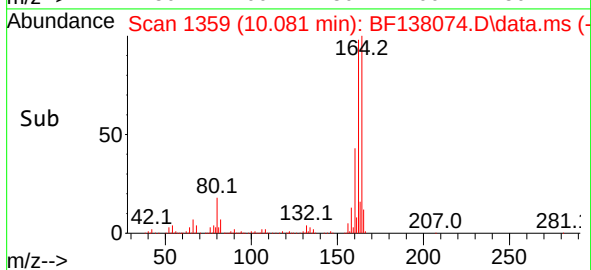
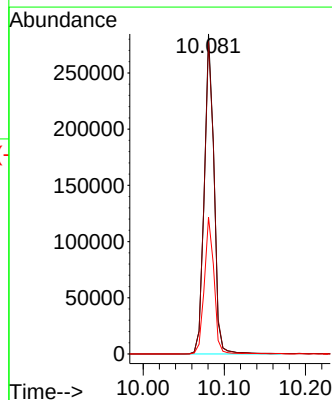
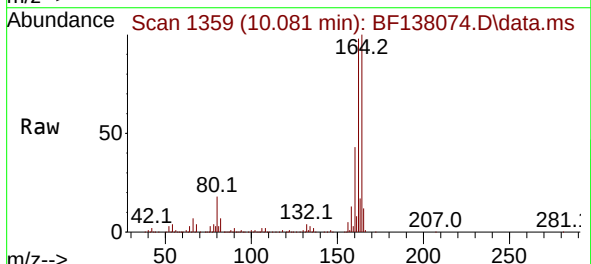
Instrument :  
BNA\_F  
ClientSampleId :  
RBR200057

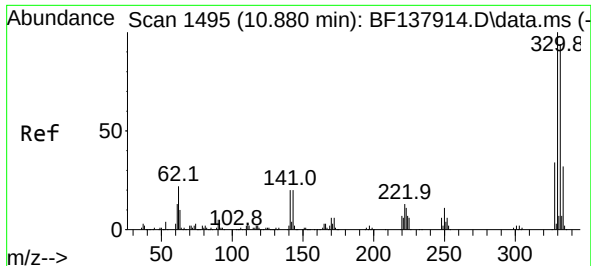
Tgt Ion: 82 Resp: 590725  
Ion Ratio Lower Upper  
82 100  
128 48.4 40.3 60.5  
54 45.9 36.8 55.2



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 10.081 min Scan# 1359  
Delta R.T. -0.005 min  
Lab File: BF138074.D  
Acq: 30 May 2024 14:28

Tgt Ion:164 Resp: 235994  
Ion Ratio Lower Upper  
164 100  
162 97.6 79.4 119.2  
160 42.8 33.1 49.7





#42

2,4,6-Tribromophenol

Concen: 151.722 ng

RT: 10.881 min Scan# 1495

Delta R.T. 0.000 min

Lab File: BF138074.D

Acq: 30 May 2024 14:28

Instrument :

BNA\_F

ClientSampleId :

RBR200057

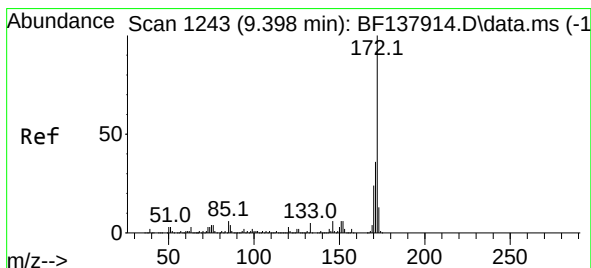
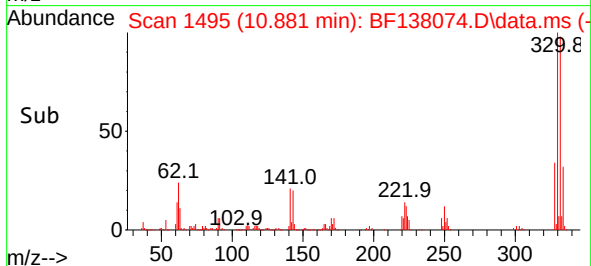
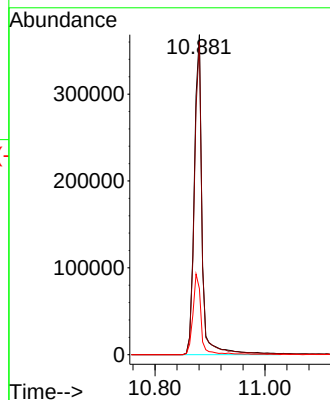
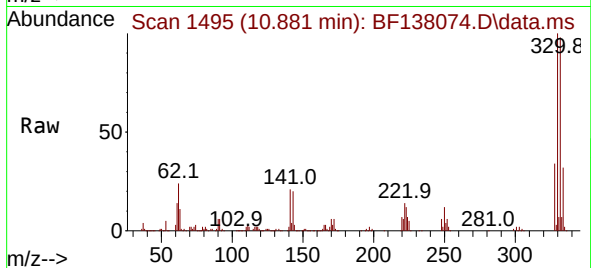
Tgt Ion:330 Resp: 361026

Ion Ratio Lower Upper

330 100

332 97.4 75.8 113.8

141 26.6 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 88.461 ng

RT: 9.398 min Scan# 1243

Delta R.T. 0.000 min

Lab File: BF138074.D

Acq: 30 May 2024 14:28

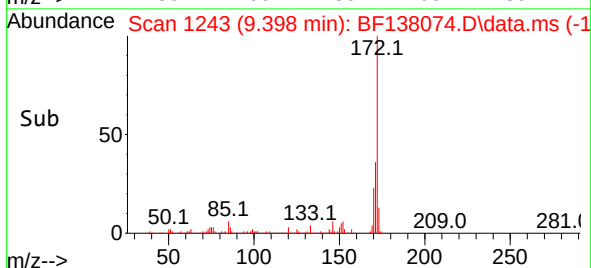
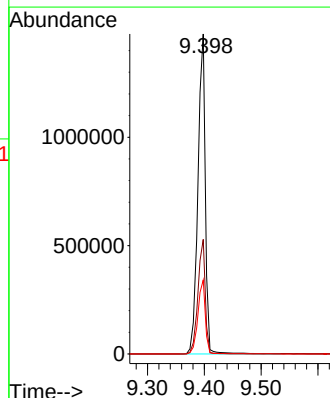
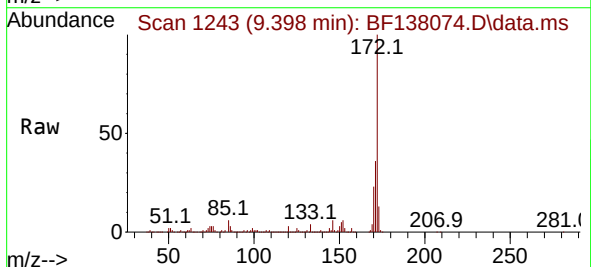
Tgt Ion:172 Resp: 1355262

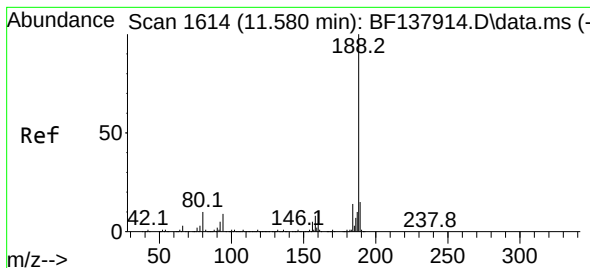
Ion Ratio Lower Upper

172 100

171 35.8 28.9 43.3

170 23.1 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.580 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF138074.D

Acq: 30 May 2024 14:28

Instrument :

BNA\_F

ClientSampleId :

RBR200057

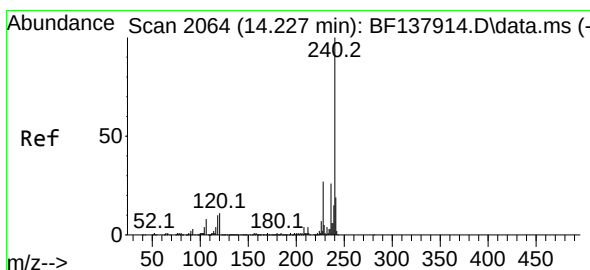
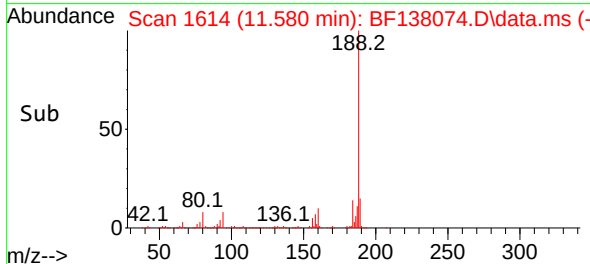
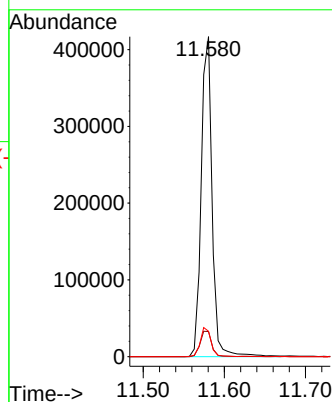
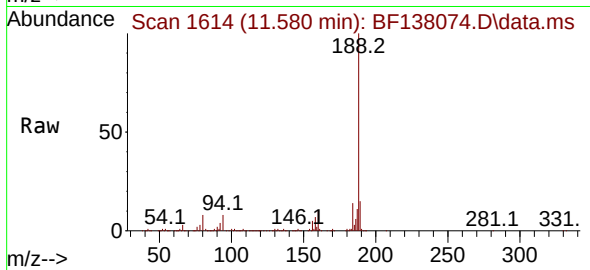
Tgt Ion:188 Resp: 388504

Ion Ratio Lower Upper

188 100

94 7.9 7.0 10.4

80 7.9 7.7 11.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.233 min Scan# 2065

Delta R.T. 0.006 min

Lab File: BF138074.D

Acq: 30 May 2024 14:28

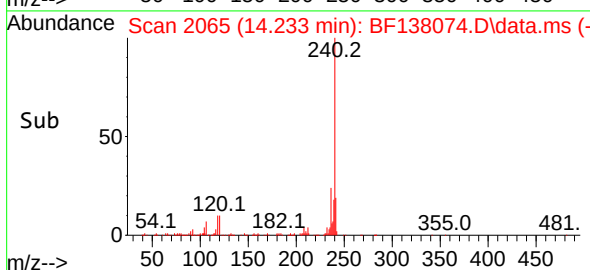
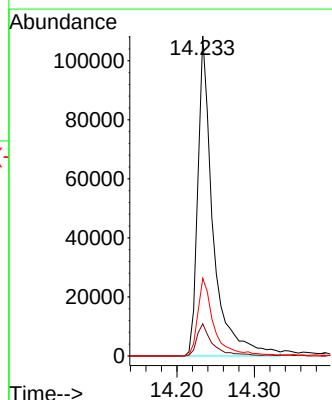
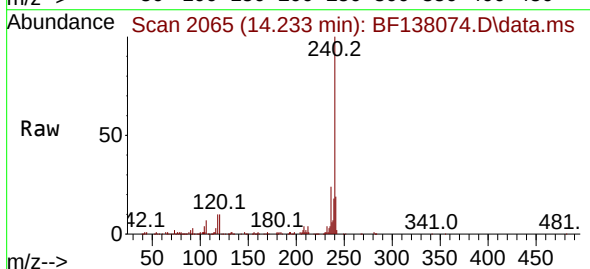
Tgt Ion:240 Resp: 148126

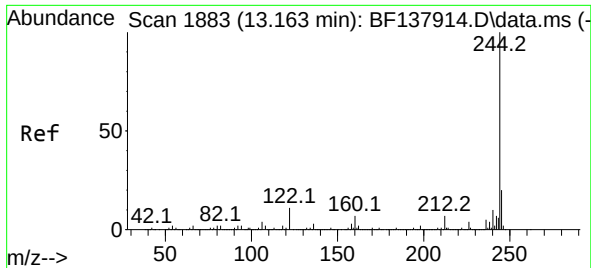
Ion Ratio Lower Upper

240 100

120 10.0 8.9 13.3

236 24.2 21.0 31.4

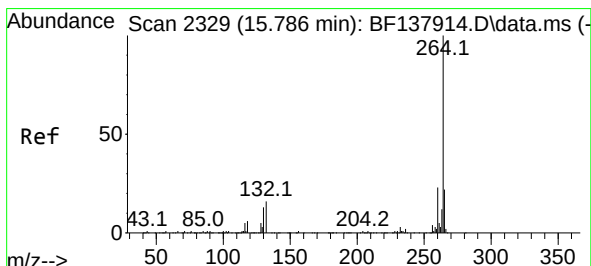
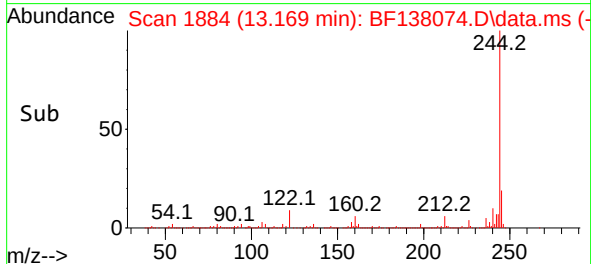
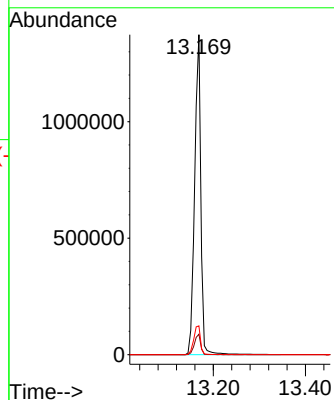
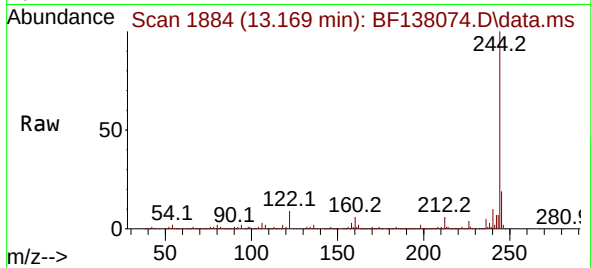




#79  
 Terphenyl-d14  
 Concen: 126.447 ng  
 RT: 13.169 min Scan# 11  
 Delta R.T. 0.006 min  
 Lab File: BF138074.D  
 Acq: 30 May 2024 14:28

Instrument :  
 BNA\_F  
 ClientSampleId :  
 RBR200057

Tgt Ion:244 Resp: 1270872  
 Ion Ratio Lower Upper  
 244 100  
 212 6.4 5.6 8.4  
 122 9.0 8.8 13.2



#86  
 Perylene-d12  
 Concen: 20.000 ng m  
 RT: 15.816 min Scan# 2334  
 Delta R.T. 0.030 min  
 Lab File: BF138074.D  
 Acq: 30 May 2024 14:28

Tgt Ion:264 Resp: 74187  
 Ion Ratio Lower Upper  
 264 100  
 260 26.8 18.3 27.5  
 265 21.4 17.6 26.4

