

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF052024\  
 Data File : BF137952.D  
 Acq On : 20 May 2024 11:03  
 Operator : CG\JU  
 Sample : P2513-15  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-17

Quant Time: May 20 11:32:05 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   | 7.040  | 152  | 129800   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.322  | 136  | 499471   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 10.081 | 164  | 288165   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.575 | 188  | 501975   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.221 | 240  | 325536   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.786 | 264  | 333201   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.675  | 112  | 847388   | 110.895 | ng    | 0.01     |
| 7) Phenol-d6                | 6.657  | 99   | 935634   | 99.398  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.604  | 82   | 688419   | 81.113  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.875 | 330  | 382286   | 131.570 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.398  | 172  | 1512998  | 80.877  | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.163 | 244  | 1798965  | 81.445  | ng    | 0.00     |

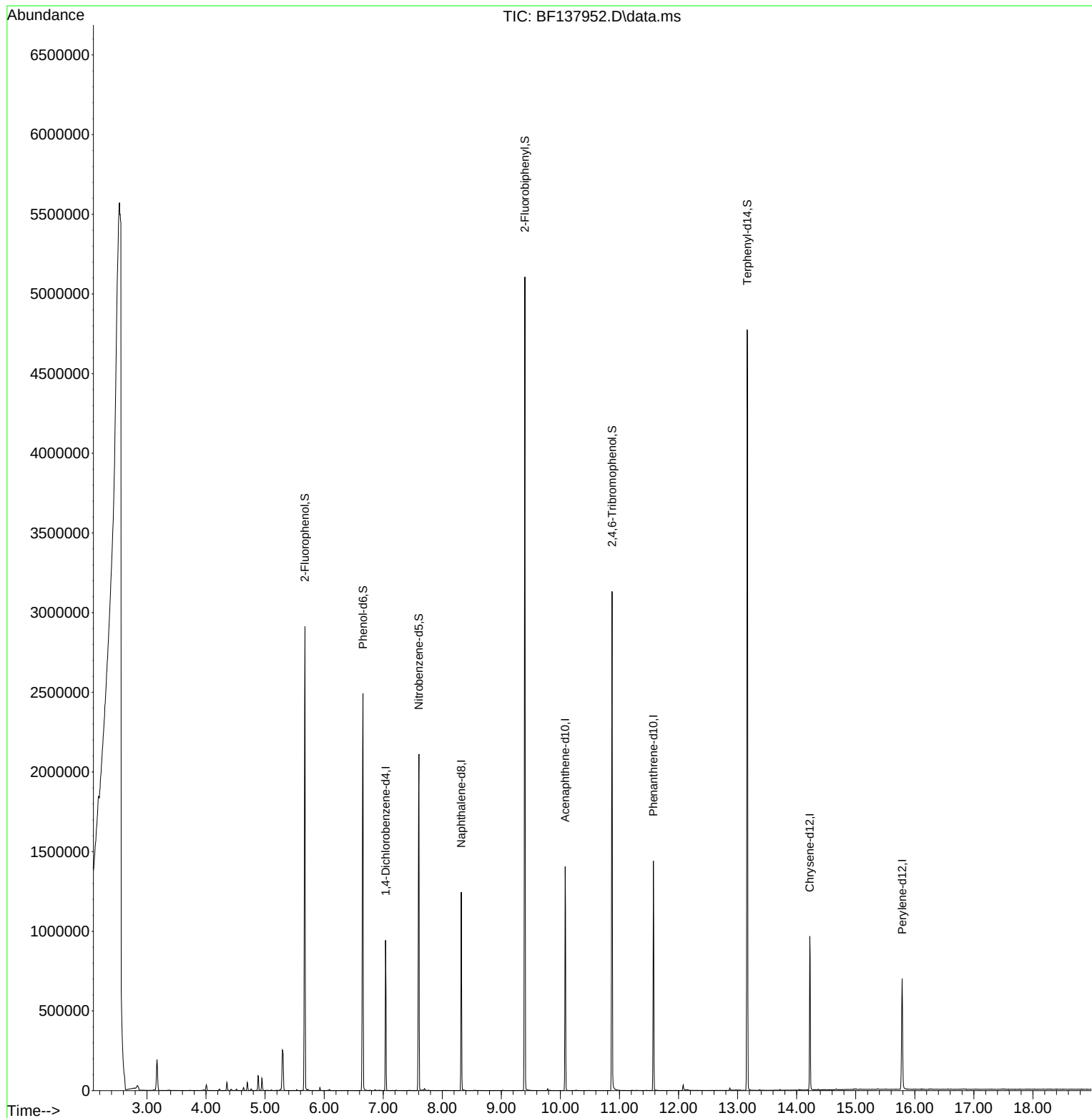
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

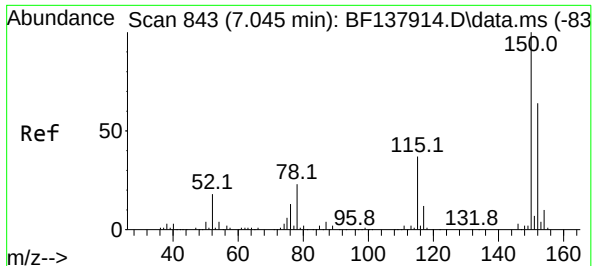
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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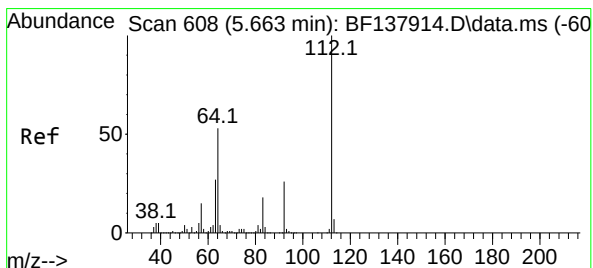
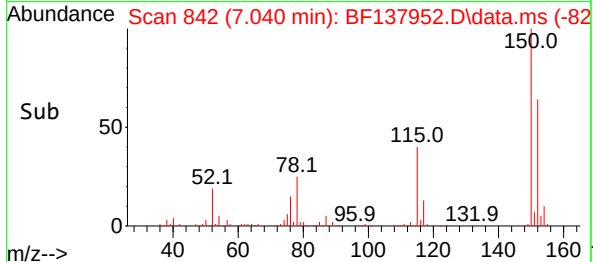
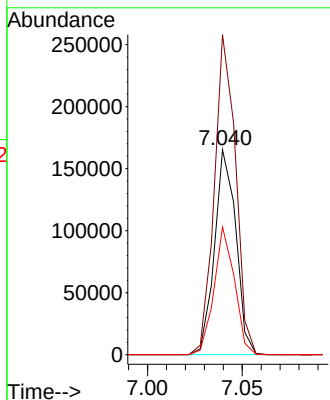
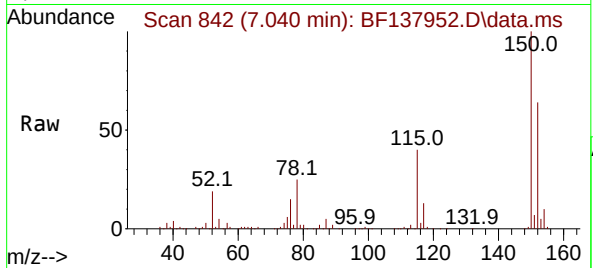




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.040 min Scan# 84  
 Delta R.T. -0.005 min  
 Lab File: BF137952.D  
 Acq: 20 May 2024 11:03

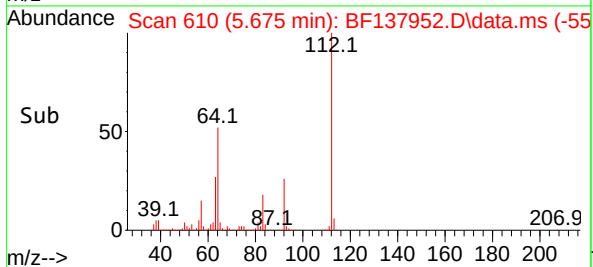
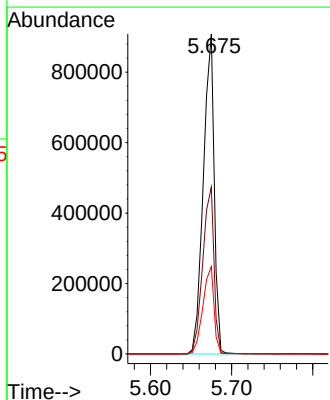
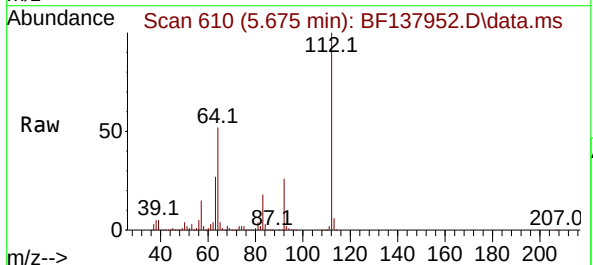
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-17

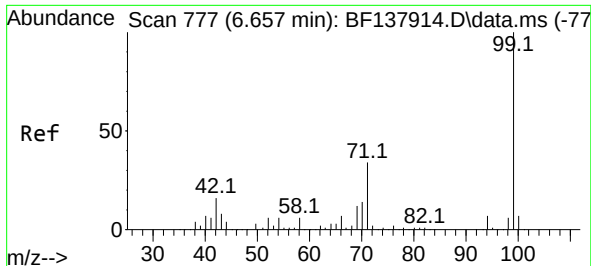
Tgt Ion:152 Resp: 129800  
 Ion Ratio Lower Upper  
 152 100  
 150 156.1 125.7 188.5  
 115 62.3 47.0 70.6



#5  
 2-Fluorophenol  
 Concen: 110.895 ng  
 RT: 5.675 min Scan# 610  
 Delta R.T. 0.012 min  
 Lab File: BF137952.D  
 Acq: 20 May 2024 11:03

Tgt Ion:112 Resp: 847388  
 Ion Ratio Lower Upper  
 112 100  
 64 52.1 42.4 63.6  
 63 27.3 21.4 32.2

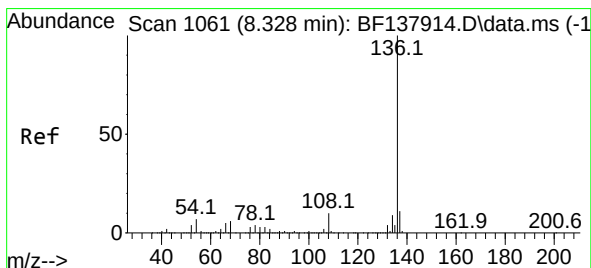
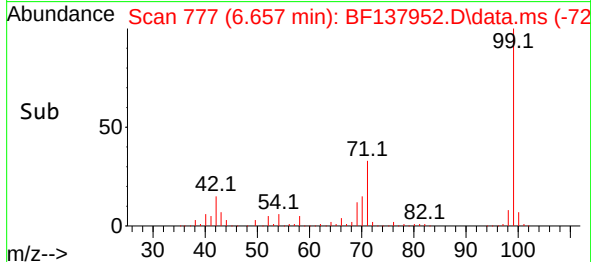
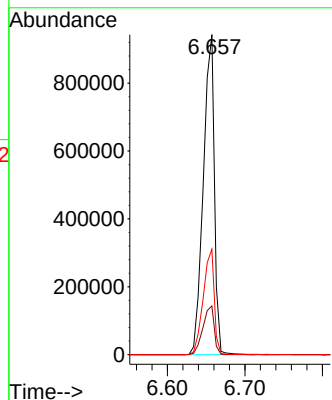
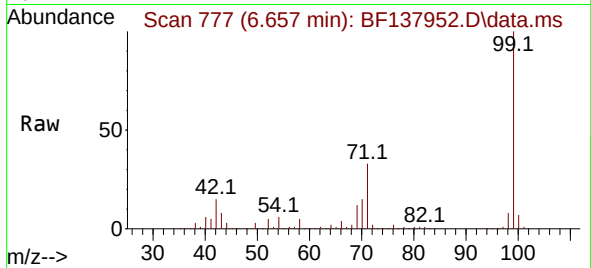




#7  
Phenol-d6  
Concen: 99.398 ng  
RT: 6.657 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BF137952.D  
Acq: 20 May 2024 11:03

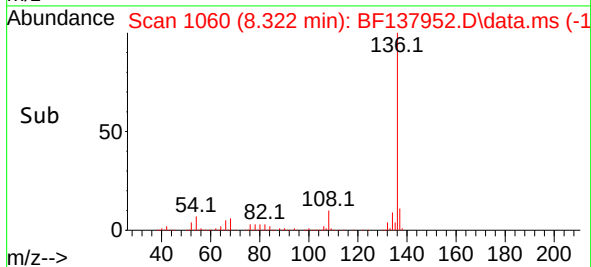
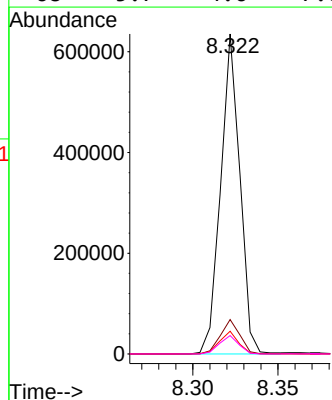
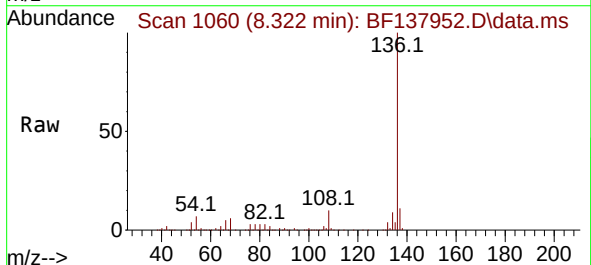
Instrument :  
BNA\_F  
ClientSampleId :  
TP-17

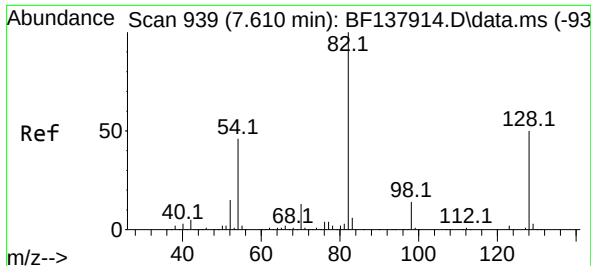
Tgt Ion: 99 Resp: 935634  
Ion Ratio Lower Upper  
99 100  
42 15.3 12.6 18.8  
71 33.0 27.1 40.7



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.322 min Scan# 1060  
Delta R.T. -0.006 min  
Lab File: BF137952.D  
Acq: 20 May 2024 11:03

Tgt Ion: 136 Resp: 499471  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.7 13.1  
54 7.1 5.4 8.2  
68 5.7 4.6 7.0





#23

Nitrobenzene-d5

Concen: 81.113 ng

RT: 7.604 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF137952.D

Acq: 20 May 2024 11:03

Instrument :

BNA\_F

ClientSampleId :

TP-17

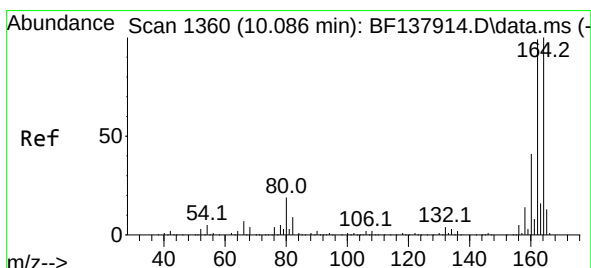
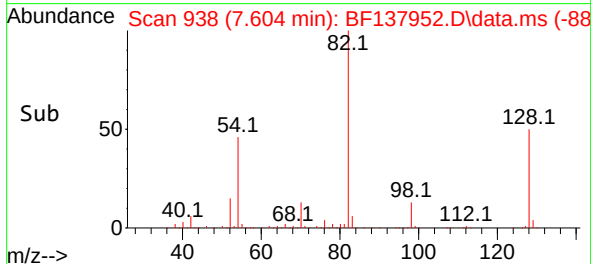
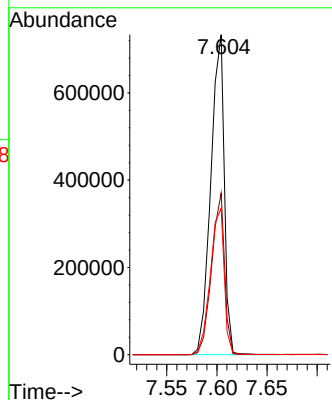
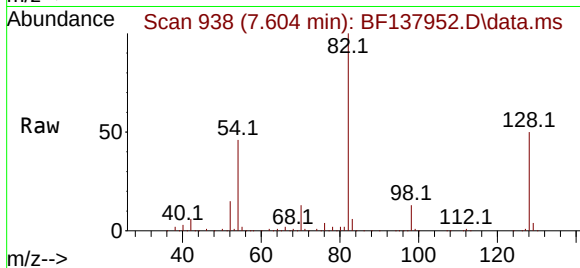
Tgt Ion: 82 Resp: 688419

Ion Ratio Lower Upper

82 100

128 50.5 40.3 60.5

54 45.7 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: BF137952.D

Acq: 20 May 2024 11:03

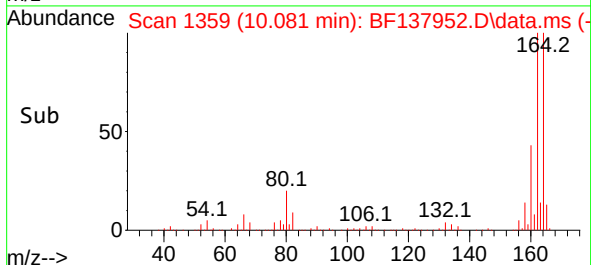
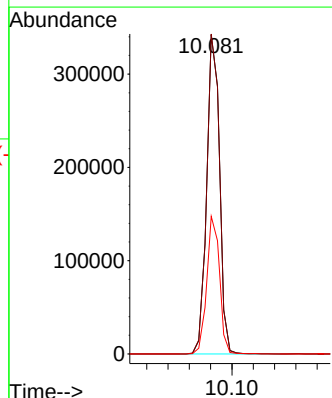
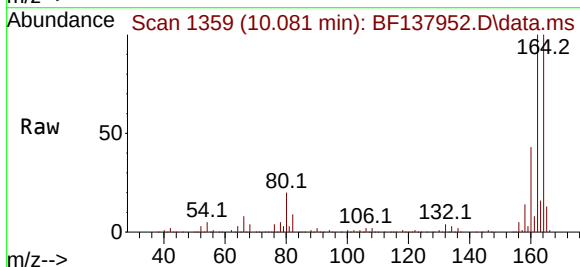
Tgt Ion:164 Resp: 288165

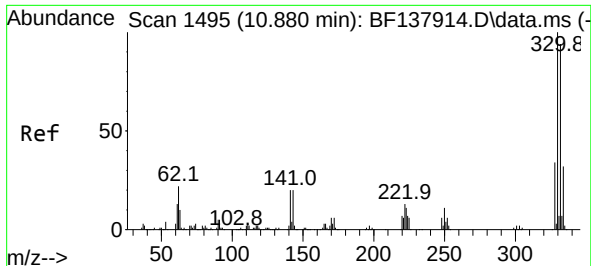
Ion Ratio Lower Upper

164 100

162 100.2 79.4 119.2

160 43.1 33.1 49.7





#42

2,4,6-Tribromophenol

Concen: 131.570 ng

RT: 10.875 min Scan# 1494

Delta R.T. -0.006 min

Lab File: BF137952.D

Acq: 20 May 2024 11:03

Instrument :

BNA\_F

ClientSampleId :

TP-17

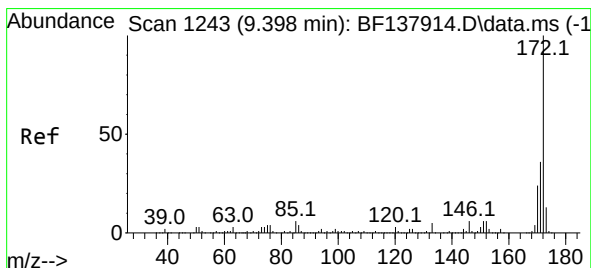
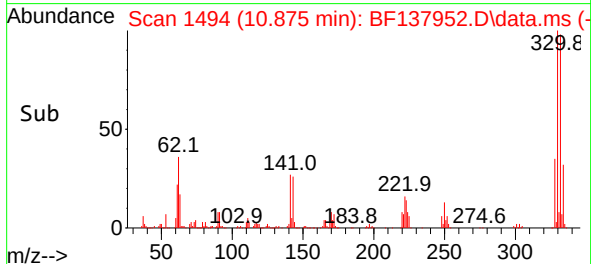
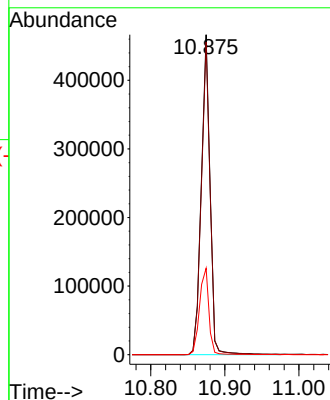
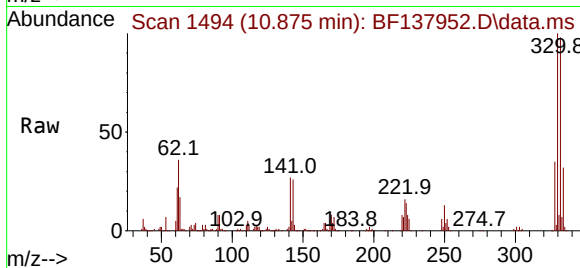
Tgt Ion:330 Resp: 382286

Ion Ratio Lower Upper

330 100

332 97.9 75.8 113.8

141 28.9 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 80.877 ng

RT: 9.398 min Scan# 1243

Delta R.T. 0.000 min

Lab File: BF137952.D

Acq: 20 May 2024 11:03

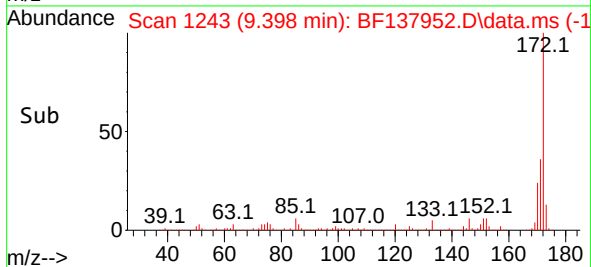
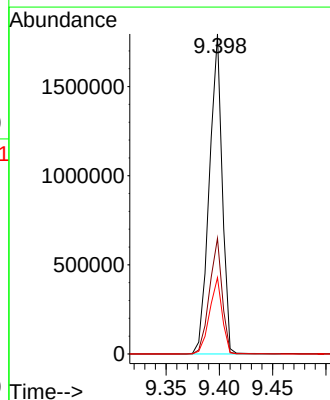
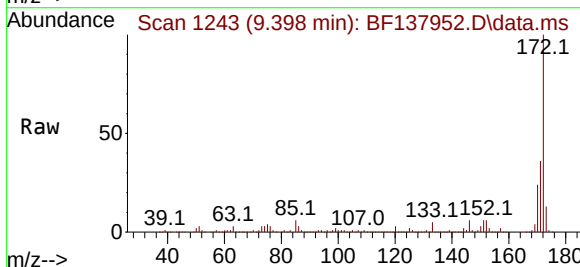
Tgt Ion:172 Resp: 1512998

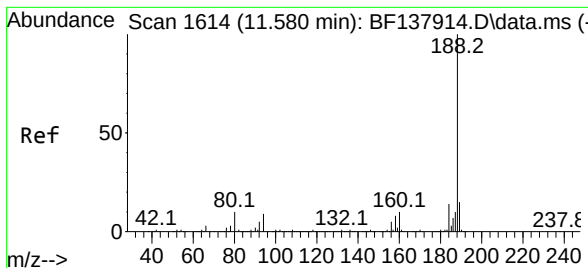
Ion Ratio Lower Upper

172 100

171 36.1 28.9 43.3

170 23.9 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.575 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137952.D

Acq: 20 May 2024 11:03

Instrument :

BNA\_F

ClientSampleId :

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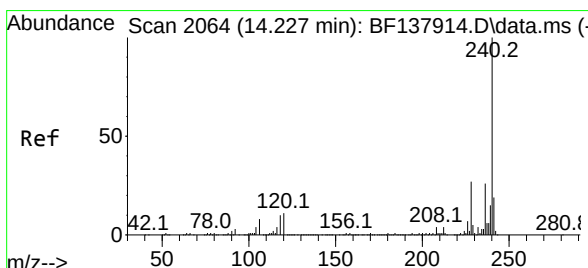
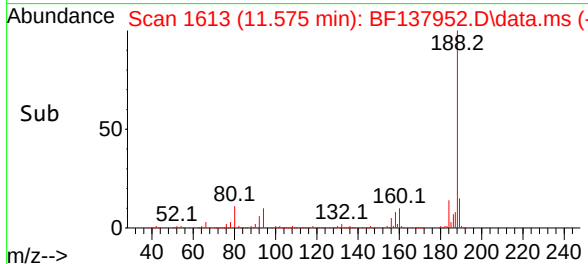
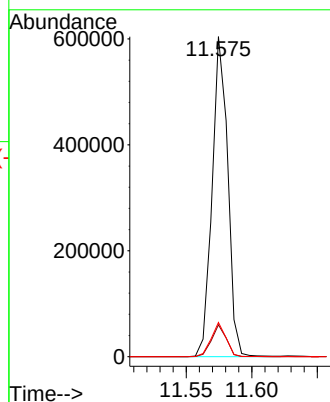
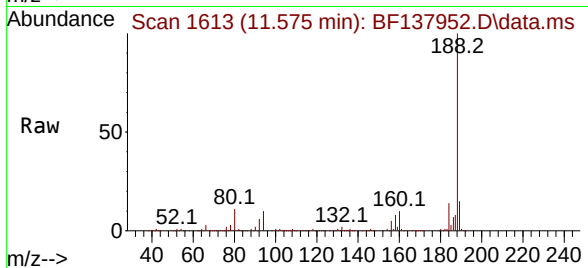
Tgt Ion:188 Resp: 501975

Ion Ratio Lower Upper

188 100

94 9.9 7.0 10.4

80 10.7 7.7 11.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.221 min Scan# 2063

Delta R.T. -0.006 min

Lab File: BF137952.D

Acq: 20 May 2024 11:03

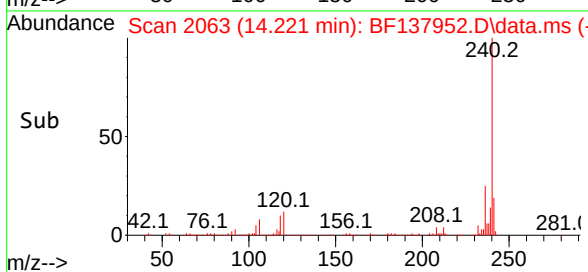
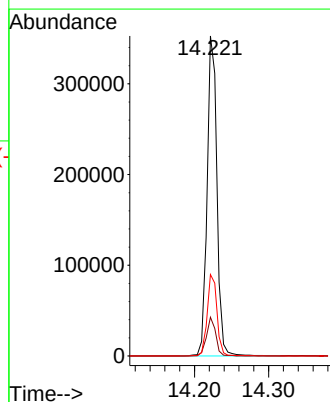
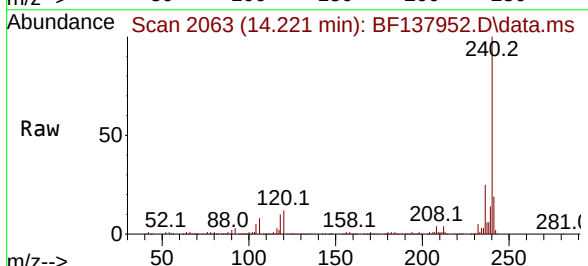
Tgt Ion:240 Resp: 325536

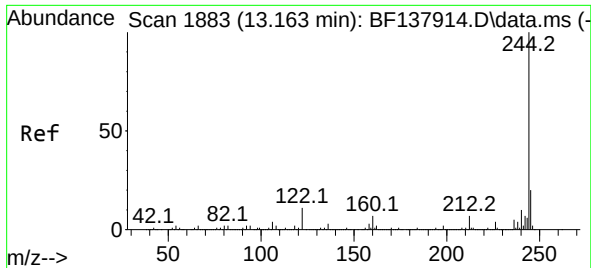
Ion Ratio Lower Upper

240 100

120 12.1 8.9 13.3

236 25.4 21.0 31.4

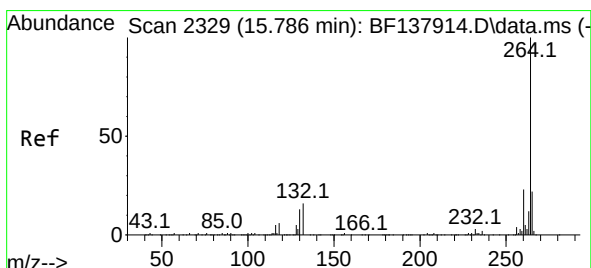
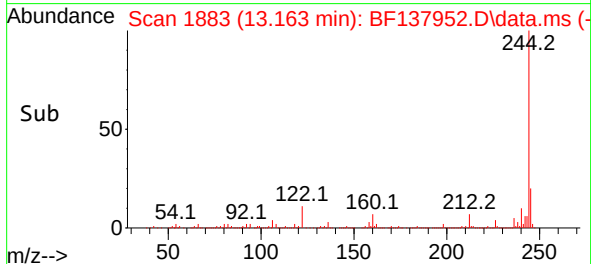
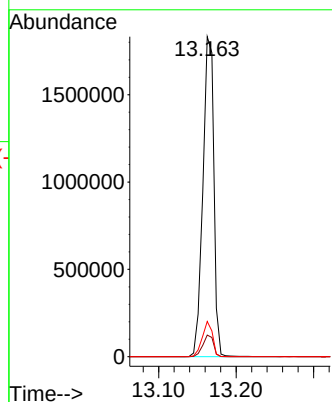
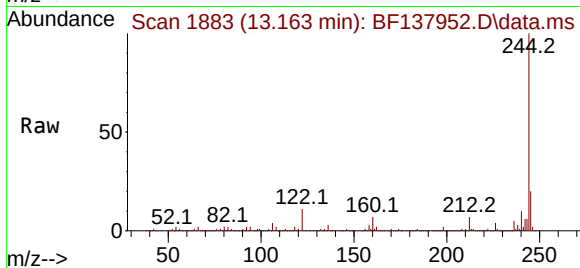




#79  
 Terphenyl-d14  
 Concen: 81.445 ng  
 RT: 13.163 min Scan# 1883  
 Delta R.T. 0.000 min  
 Lab File: BF137952.D  
 Acq: 20 May 2024 11:03

Instrument :  
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 TP-17

Tgt Ion:244 Resp: 1798965  
 Ion Ratio Lower Upper  
 244 100  
 212 6.8 5.6 8.4  
 122 11.0 8.8 13.2



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.786 min Scan# 2329  
 Delta R.T. 0.000 min  
 Lab File: BF137952.D  
 Acq: 20 May 2024 11:03

Tgt Ion:264 Resp: 333201  
 Ion Ratio Lower Upper  
 264 100  
 260 23.8 18.3 27.5  
 265 20.7 17.6 26.4

