

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050224\  
Data File : BF137820.D  
Acq On : 02 May 2024 17:50  
Operator : CG\JU  
Sample : P2323-07  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TP-3

Quant Time: May 02 18:41:22 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF043024.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed May 01 03:25:08 2024  
Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.057  | 152  | 148605   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.339  | 136  | 583080   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 10.098 | 164  | 329154   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.598 | 188  | 535028   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12            | 14.245 | 240  | 429852   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.815 | 264  | 468501   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.681  | 112  | 1167038  | 131.487 | ng    | 0.00     |
| 7) Phenol-d6                | 6.669  | 99   | 1046060  | 92.917  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.616  | 82   | 639867   | 63.756  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.892 | 330  | 319728   | 95.136  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.416  | 172  | 1327490  | 65.430  | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.186 | 244  | 1612754  | 62.876  | ng    | 0.00     |

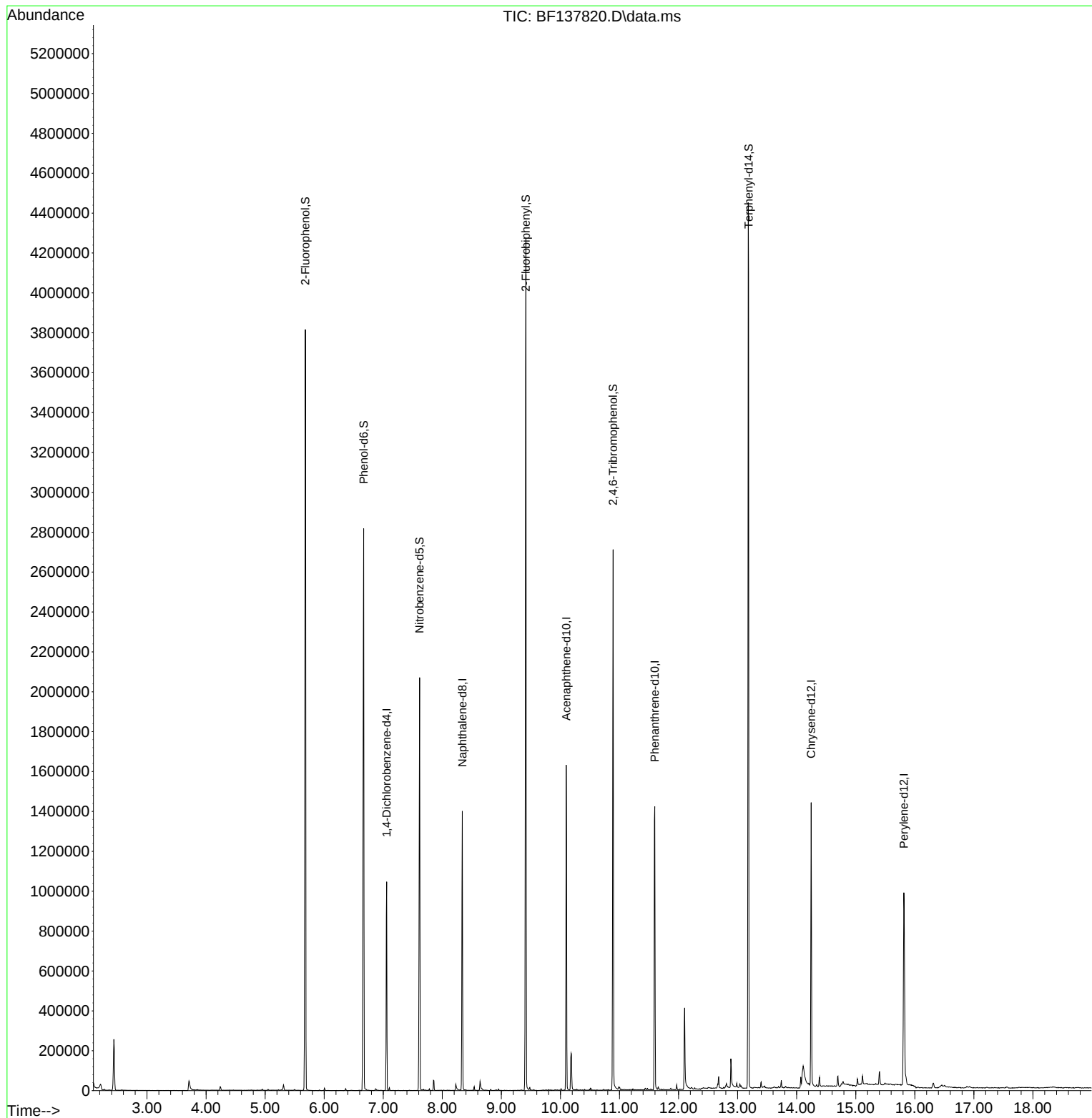
Target Compounds Qvalue

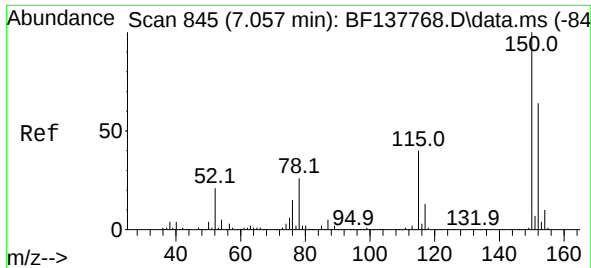
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 17 Sample Multiplier: 1

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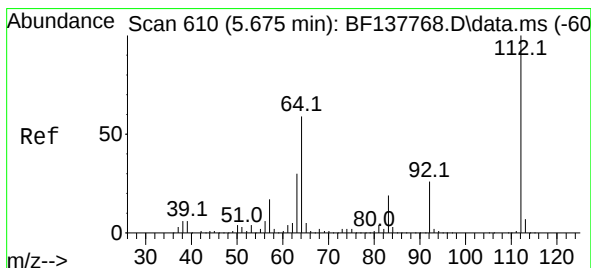
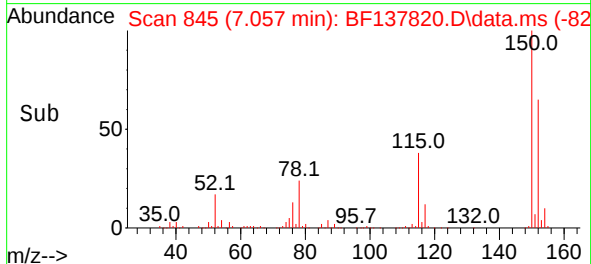
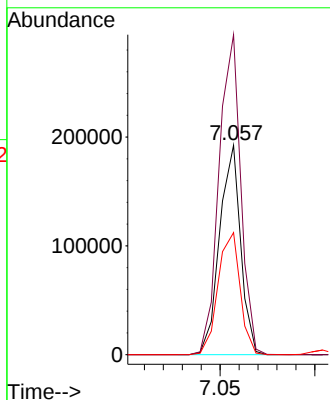
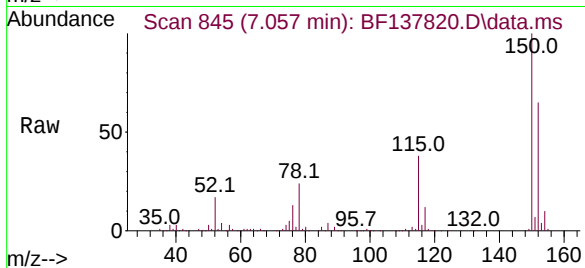




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.057 min Scan# 845  
Delta R.T. 0.000 min  
Lab File: BF137820.D  
Acq: 02 May 2024 17:50

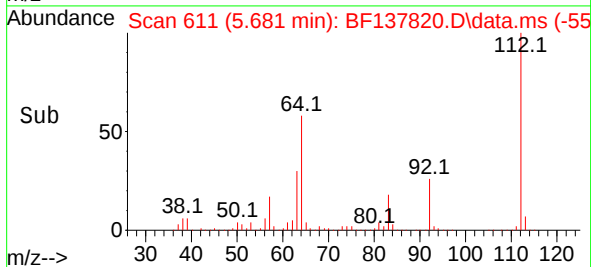
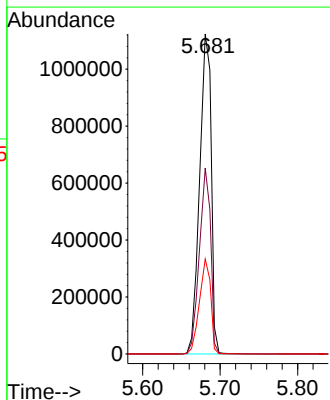
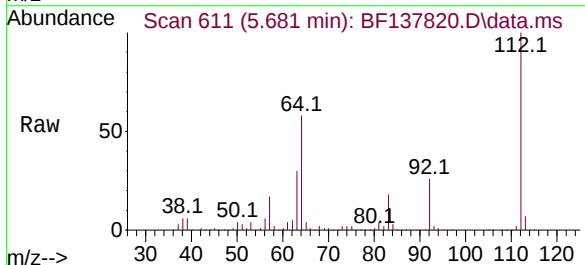
Instrument :  
BNA\_F  
ClientSampleId :  
TP-3

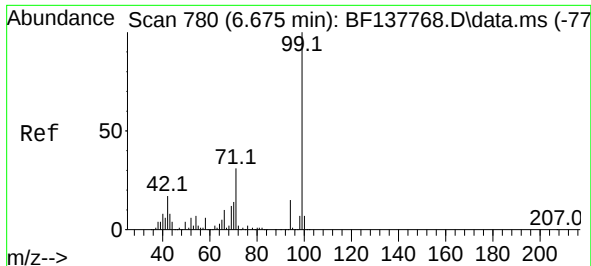
Tgt Ion:152 Resp: 148605  
Ion Ratio Lower Upper  
152 100  
150 152.8 124.1 186.1  
115 58.3 49.1 73.7



#5  
2-Fluorophenol  
Concen: 131.487 ng  
RT: 5.681 min Scan# 611  
Delta R.T. 0.006 min  
Lab File: BF137820.D  
Acq: 02 May 2024 17:50

Tgt Ion:112 Resp: 1167038  
Ion Ratio Lower Upper  
112 100  
64 58.1 47.3 70.9  
63 29.7 23.7 35.5

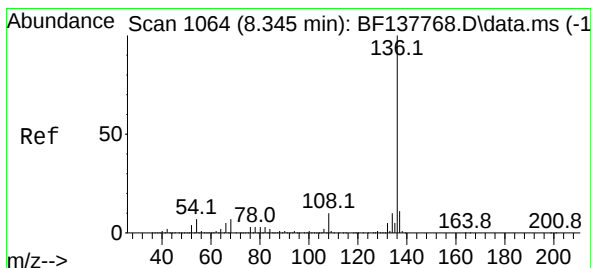
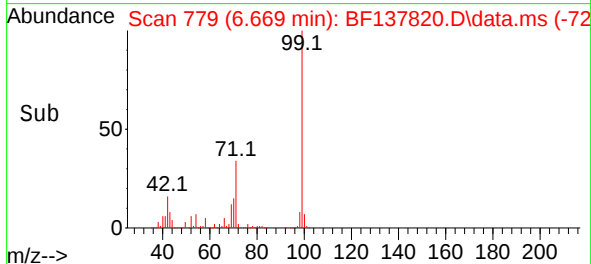
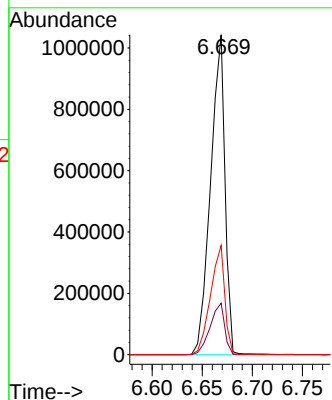
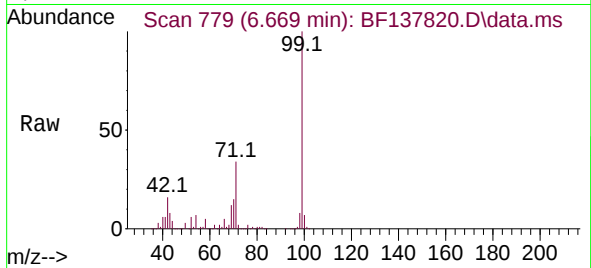




#7  
Phenol-d6  
Concen: 92.917 ng  
RT: 6.669 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF137820.D  
Acq: 02 May 2024 17:50

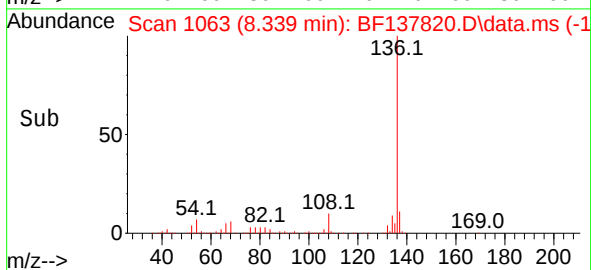
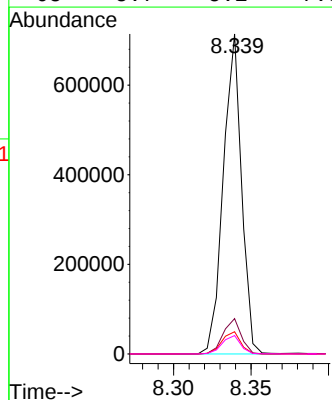
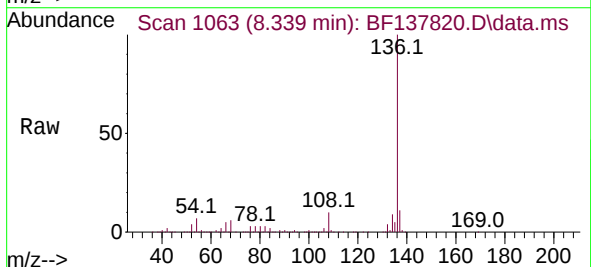
Instrument :  
BNA\_F  
ClientSampleId :  
TP-3

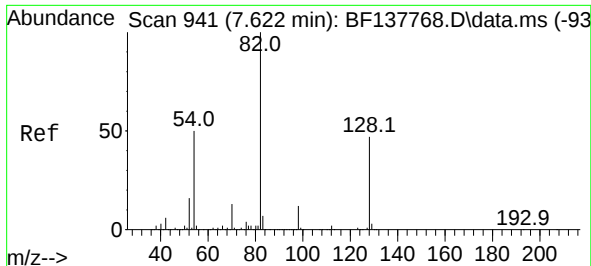
Tgt Ion: 99 Resp: 1046060  
Ion Ratio Lower Upper  
99 100  
42 16.1 13.2 19.8  
71 34.2 25.0 37.4



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.339 min Scan# 1063  
Delta R.T. -0.006 min  
Lab File: BF137820.D  
Acq: 02 May 2024 17:50

Tgt Ion: 136 Resp: 583080  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.8 13.2  
54 7.0 5.8 8.8  
68 5.7 5.2 7.8





#23

Nitrobenzene-d5

Concen: 63.756 ng

RT: 7.616 min Scan# 941

Delta R.T. -0.006 min

Lab File: BF137820.D

Acq: 02 May 2024 17:50

Instrument :

BNA\_F

ClientSampleId :

TP-3

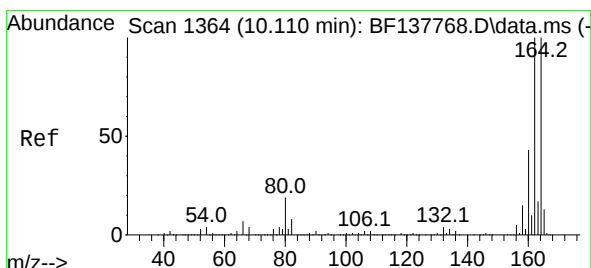
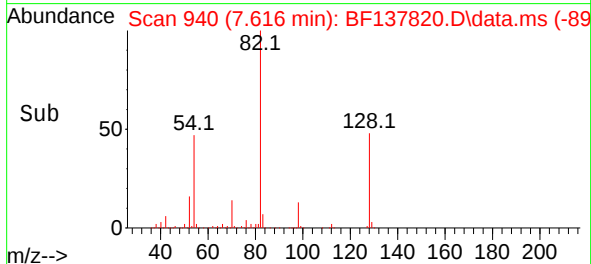
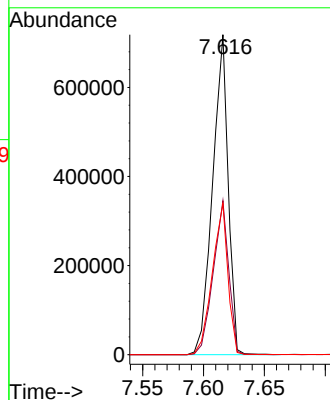
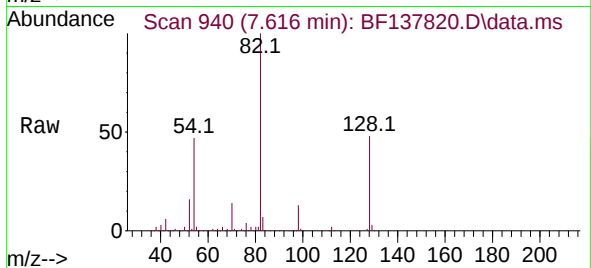
Tgt Ion: 82 Resp: 639867

Ion Ratio Lower Upper

82 100

128 48.1 37.5 56.3

54 47.3 39.8 59.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.098 min Scan# 1362

Delta R.T. -0.012 min

Lab File: BF137820.D

Acq: 02 May 2024 17:50

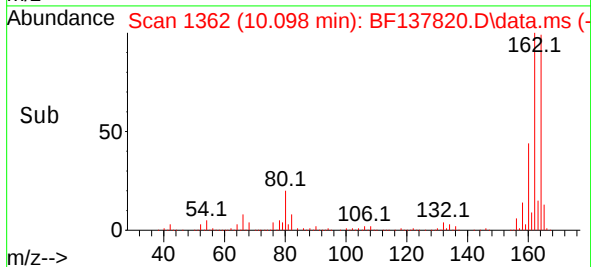
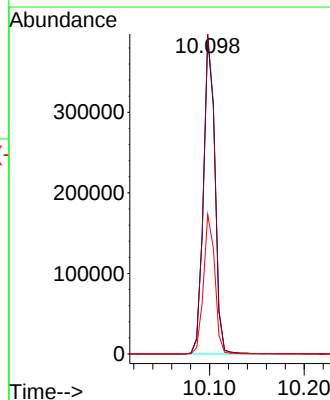
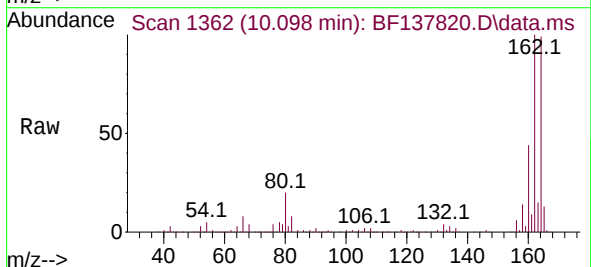
Tgt Ion:164 Resp: 329154

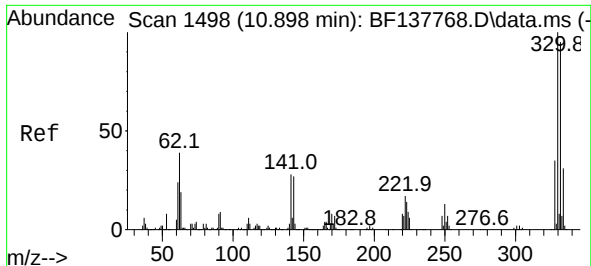
Ion Ratio Lower Upper

164 100

162 101.2 79.8 119.6

160 44.0 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 95.136 ng

RT: 10.892 min Scan# 1497

Delta R.T. -0.006 min

Lab File: BF137820.D

Acq: 02 May 2024 17:50

Instrument :

BNA\_F

ClientSampleId :

TP-3

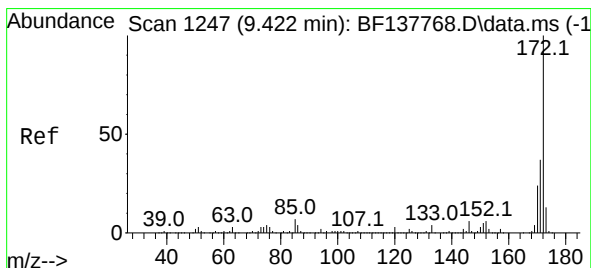
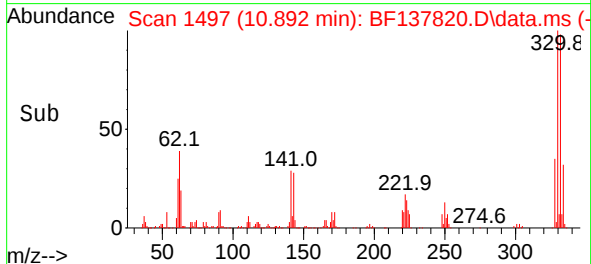
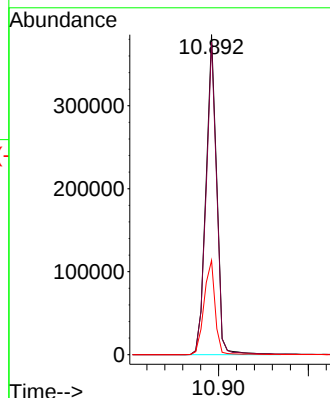
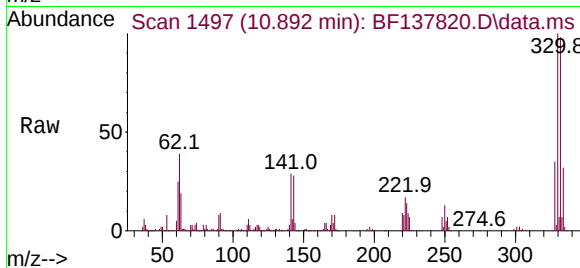
Tgt Ion:330 Resp: 319728

Ion Ratio Lower Upper

330 100

332 97.1 77.3 115.9

141 30.6 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 65.430 ng

RT: 9.416 min Scan# 1246

Delta R.T. -0.006 min

Lab File: BF137820.D

Acq: 02 May 2024 17:50

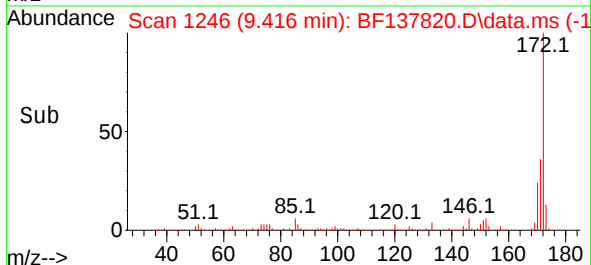
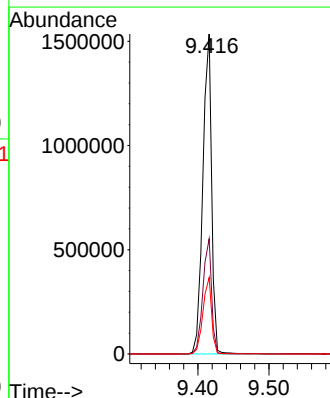
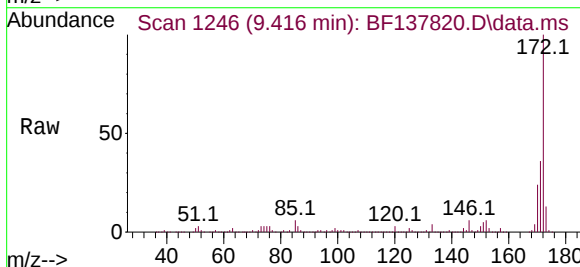
Tgt Ion:172 Resp: 1327490

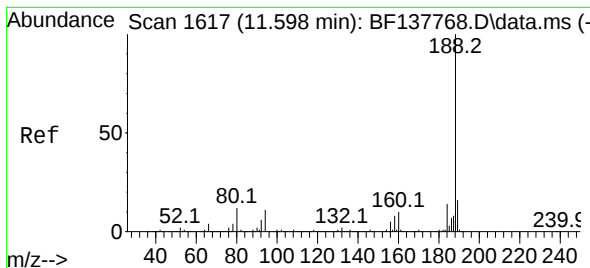
Ion Ratio Lower Upper

172 100

171 36.0 29.6 44.4

170 23.9 19.4 29.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.598 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF137820.D

Acq: 02 May 2024 17:50

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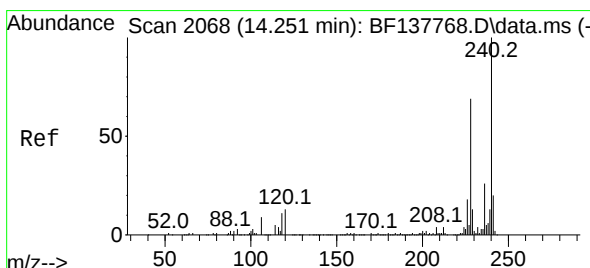
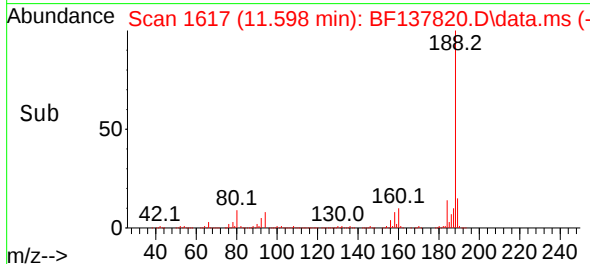
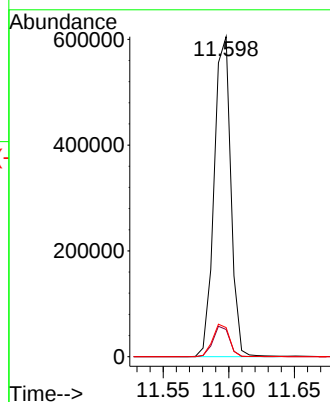
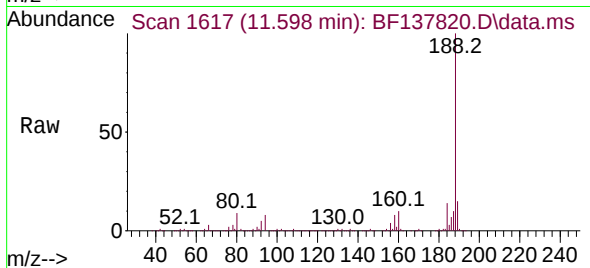
Tgt Ion:188 Resp: 535028

Ion Ratio Lower Upper

188 100

94 8.5 8.8 13.2#

80 9.1 9.6 14.4#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.245 min Scan# 2067

Delta R.T. -0.006 min

Lab File: BF137820.D

Acq: 02 May 2024 17:50

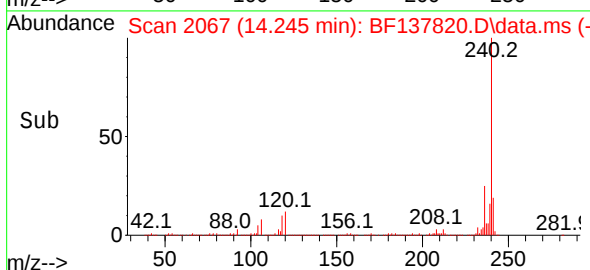
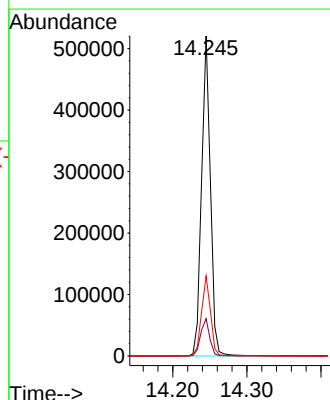
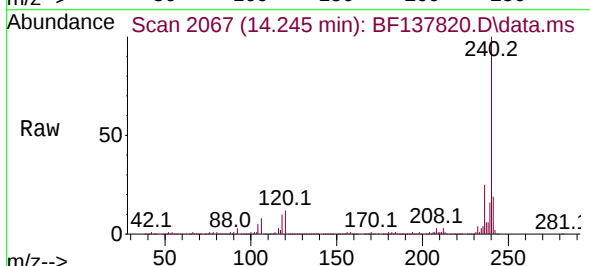
Tgt Ion:240 Resp: 429852

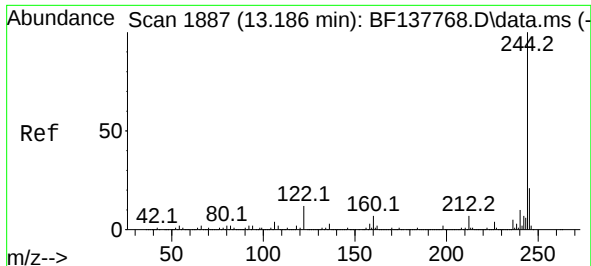
Ion Ratio Lower Upper

240 100

120 11.7 10.4 15.6

236 25.1 20.4 30.6

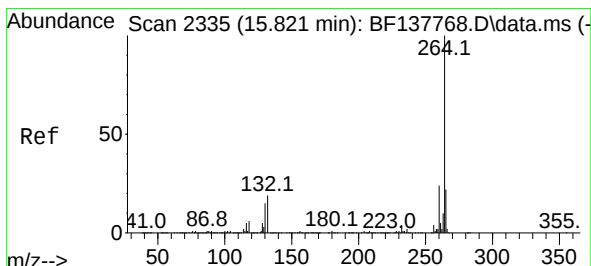
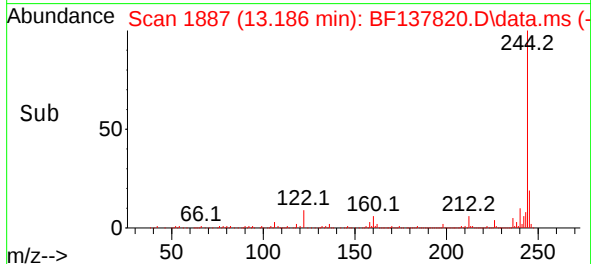
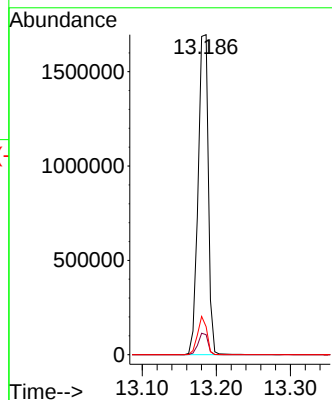
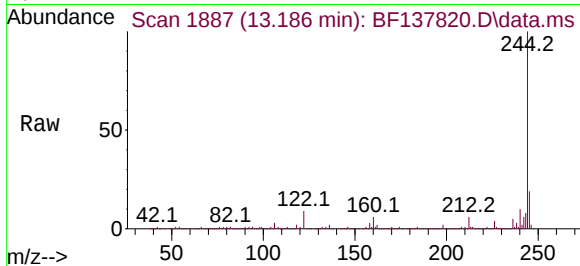




#79  
 Terphenyl-d14  
 Concen: 62.876 ng  
 RT: 13.186 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: BF137820.D  
 Acq: 02 May 2024 17:50

Instrument :  
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Tgt Ion:244 Resp: 1612754  
 Ion Ratio Lower Upper  
 244 100  
 212 6.3 5.5 8.3  
 122 8.8 9.4 14.2#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.815 min Scan# 2334  
 Delta R.T. -0.006 min  
 Lab File: BF137820.D  
 Acq: 02 May 2024 17:50

Tgt Ion:264 Resp: 468501  
 Ion Ratio Lower Upper  
 264 100  
 260 23.3 18.9 28.3  
 265 22.2 17.4 26.0

