

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050924\  
 Data File : BF137872.D  
 Acq On : 09 May 2024 19:30  
 Operator : CG\JU  
 Sample : P2414-02  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 1011UMR-SS004-0212-01

Quant Time: May 10 01:14:51 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   | 7.051  | 152  | 172842   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.333  | 136  | 698332   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10        | 10.092 | 164  | 403642   | 20.000  | ng    | -0.02    |
| 64) Phenanthrene-d10        | 11.592 | 188  | 683703   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12            | 14.239 | 240  | 341016   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12            | 15.809 | 264  | 238937   | 20.000  | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.687  | 112  | 1185560  | 114.843 | ng    | 0.01     |
| 7) Phenol-d6                | 6.663  | 99   | 1376557  | 105.128 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.610  | 82   | 983674   | 81.837  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.886 | 330  | 536799   | 130.250 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.410  | 172  | 2071090  | 83.244  | ng    | -0.01    |
| 79) Terphenyl-d14           | 13.180 | 244  | 2217129  | 108.957 | ng    | 0.00     |

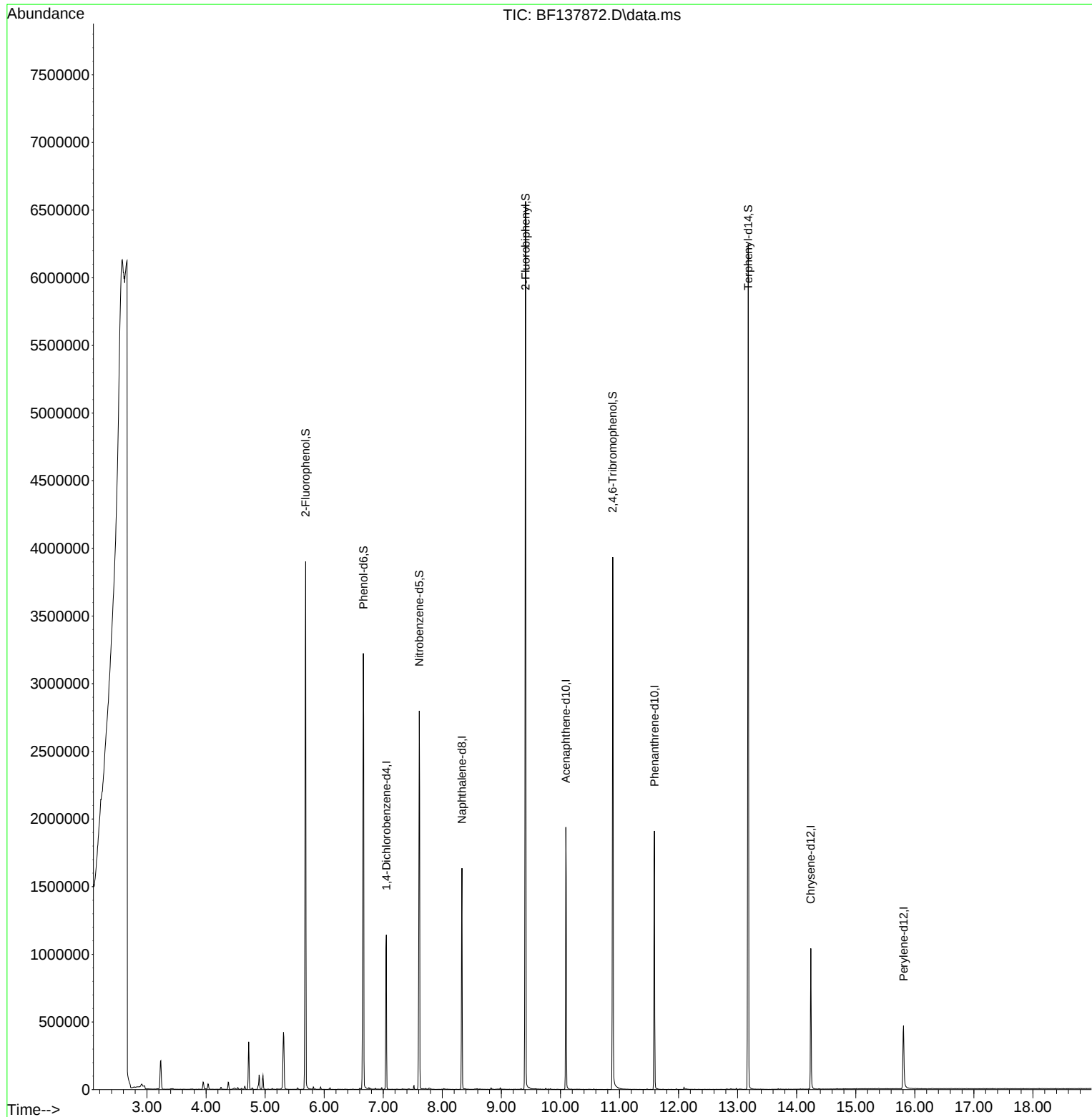
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

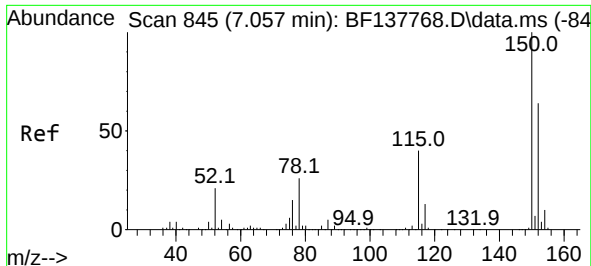
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed May 01 03:25:08 2024  
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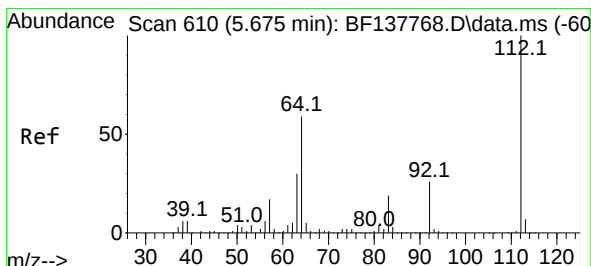
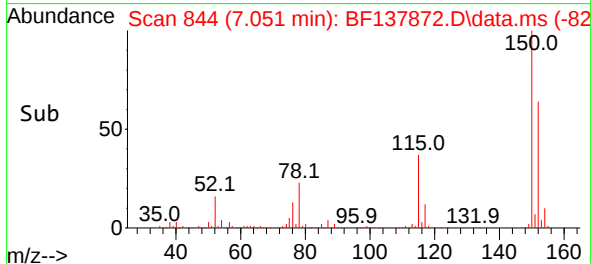
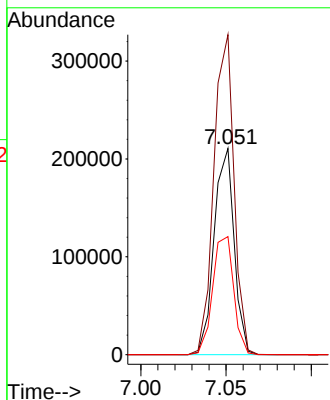
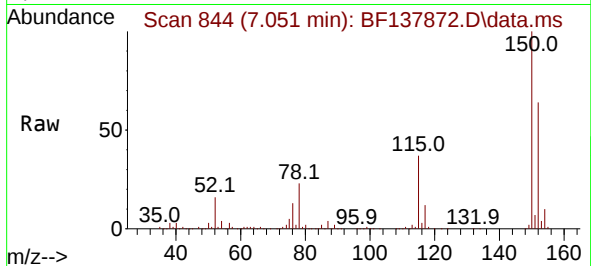




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.051 min Scan# 84  
Delta R.T. -0.006 min  
Lab File: BF137872.D  
Acq: 09 May 2024 19:30

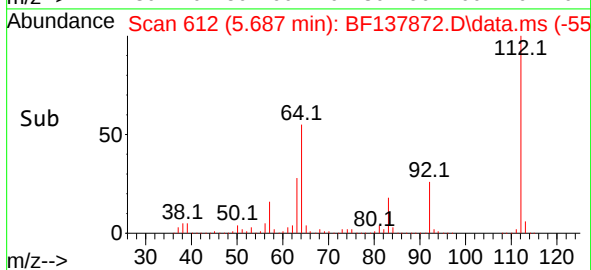
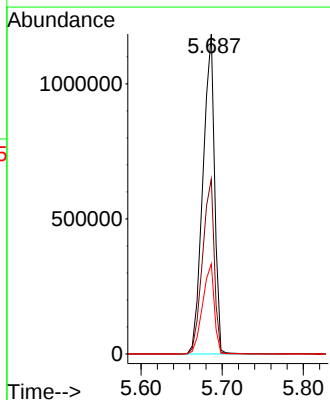
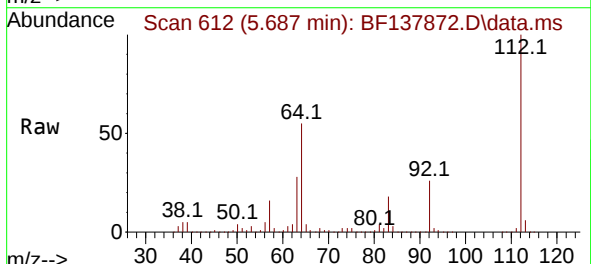
Instrument :  
BNA\_F  
ClientSampleId :  
1011UMR-SS004-0212-01

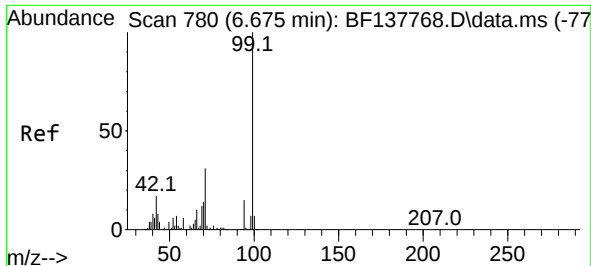
Tgt Ion:152 Resp: 172842  
Ion Ratio Lower Upper  
152 100  
150 155.2 124.1 186.1  
115 57.3 49.1 73.7



#5  
2-Fluorophenol  
Concen: 114.843 ng  
RT: 5.687 min Scan# 612  
Delta R.T. 0.012 min  
Lab File: BF137872.D  
Acq: 09 May 2024 19:30

Tgt Ion:112 Resp: 1185560  
Ion Ratio Lower Upper  
112 100  
64 54.6 47.3 70.9  
63 28.2 23.7 35.5





#7

Phenol-d6

Concen: 105.128 ng

RT: 6.663 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF137872.D

Acq: 09 May 2024 19:30

Instrument :

BNA\_F

ClientSampleId :

1011UMR-SS004-0212-01

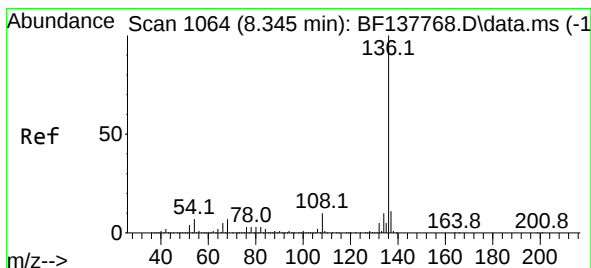
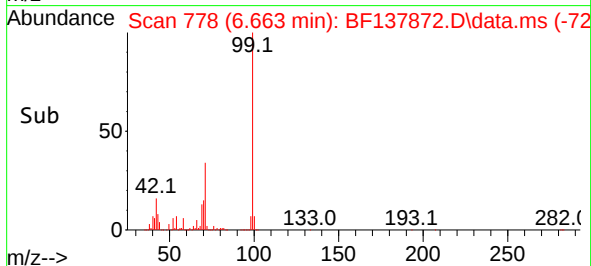
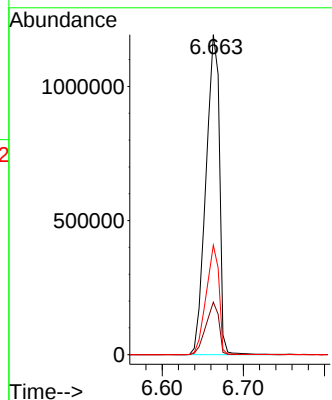
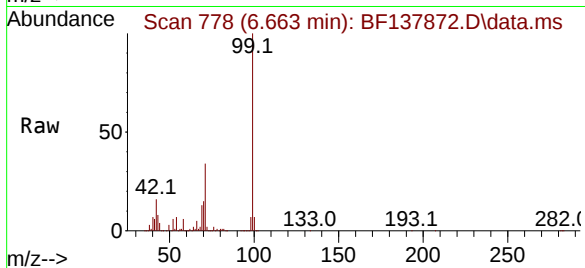
Tgt Ion: 99 Resp: 1376557

Ion Ratio Lower Upper

99 100

42 16.4 13.2 19.8

71 34.2 25.0 37.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.333 min Scan# 1062

Delta R.T. -0.012 min

Lab File: BF137872.D

Acq: 09 May 2024 19:30

Tgt Ion: 136 Resp: 698332

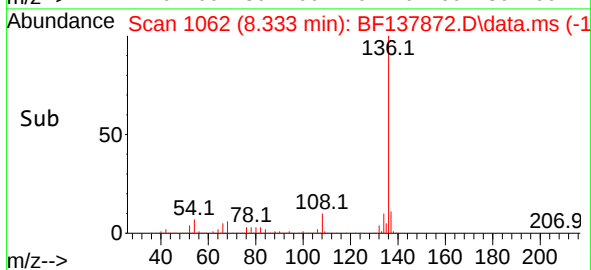
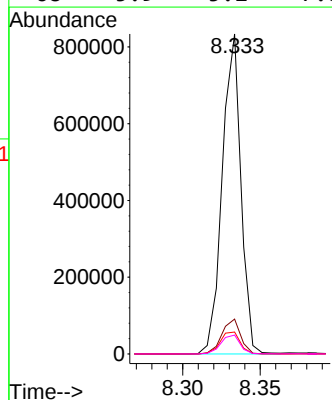
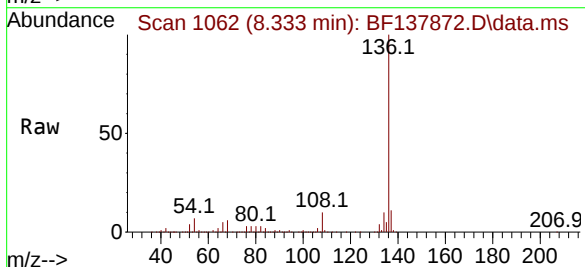
Ion Ratio Lower Upper

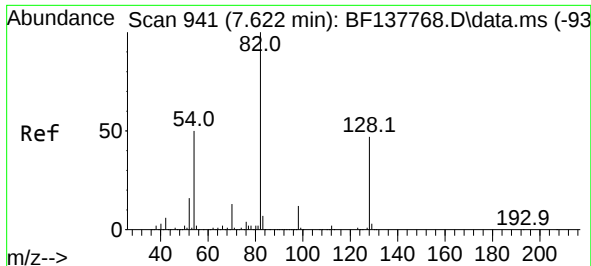
136 100

137 10.9 8.8 13.2

54 6.9 5.8 8.8

68 5.9 5.2 7.8





#23

Nitrobenzene-d5

Concen: 81.837 ng

RT: 7.610 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF137872.D

Acq: 09 May 2024 19:30

Instrument :

BNA\_F

ClientSampleId :

1011UMR-SS004-0212-01

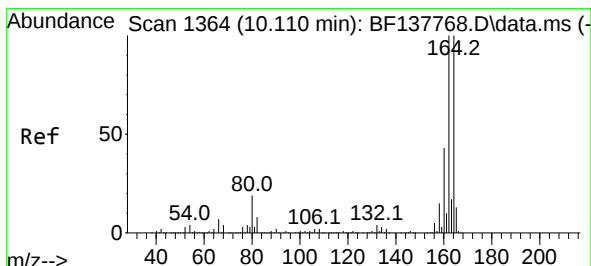
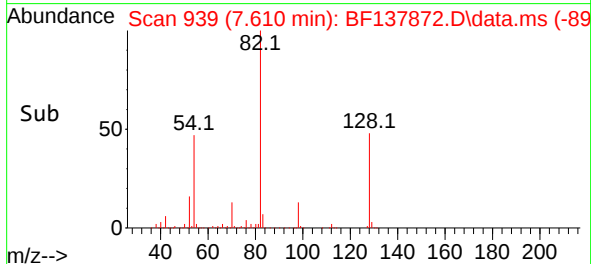
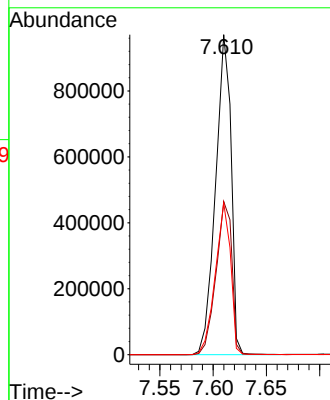
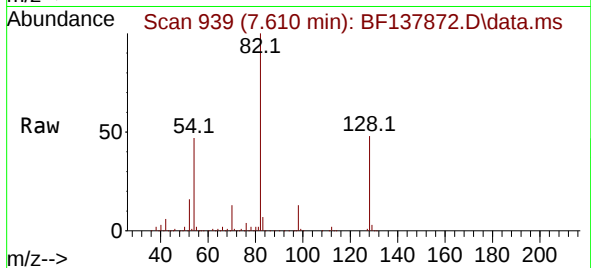
Tgt Ion: 82 Resp: 983674

Ion Ratio Lower Upper

82 100

128 47.9 37.5 56.3

54 47.4 39.8 59.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.092 min Scan# 1361

Delta R.T. -0.018 min

Lab File: BF137872.D

Acq: 09 May 2024 19:30

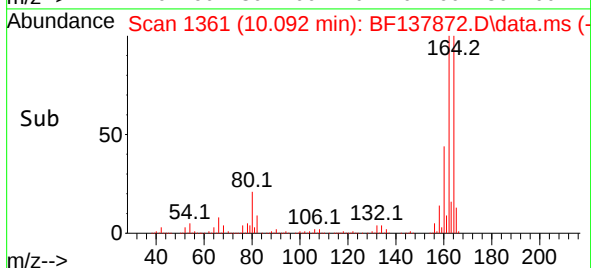
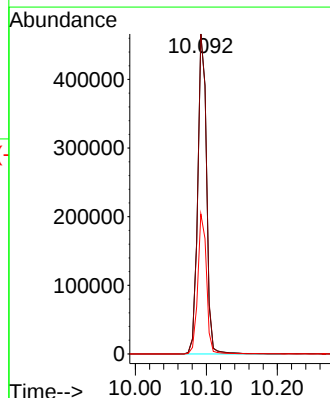
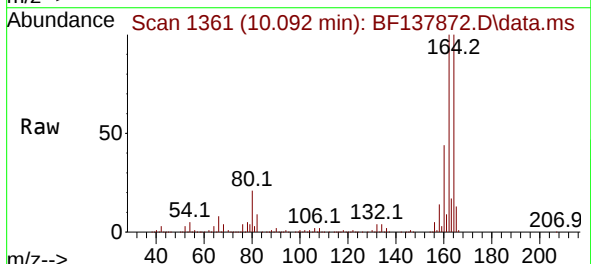
Tgt Ion:164 Resp: 403642

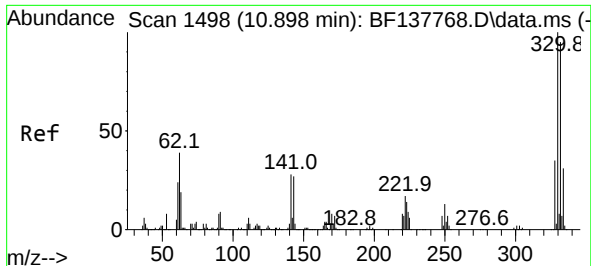
Ion Ratio Lower Upper

164 100

162 99.9 79.8 119.6

160 43.8 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 130.250 ng

RT: 10.886 min Scan# 1496

Delta R.T. -0.012 min

Lab File: BF137872.D

Acq: 09 May 2024 19:30

Instrument :

BNA\_F

ClientSampleId :

1011UMR-SS004-0212-01

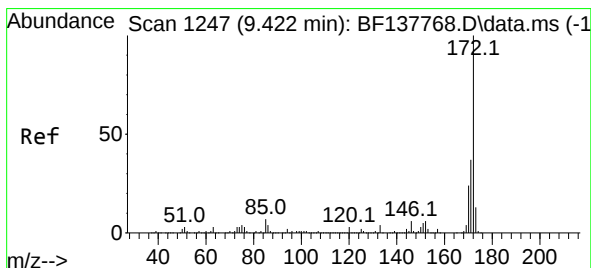
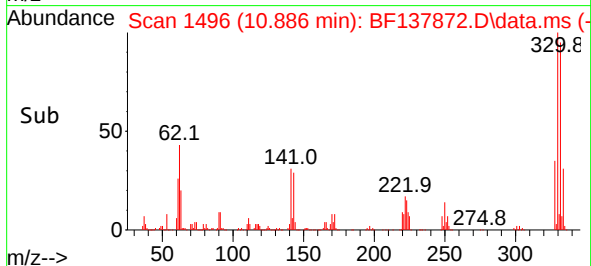
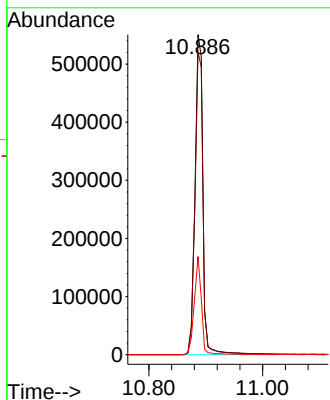
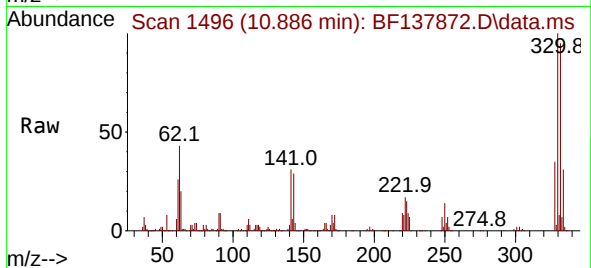
Tgt Ion:330 Resp: 536799

Ion Ratio Lower Upper

330 100

332 96.0 77.3 115.9

141 28.1 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 83.244 ng

RT: 9.410 min Scan# 1245

Delta R.T. -0.012 min

Lab File: BF137872.D

Acq: 09 May 2024 19:30

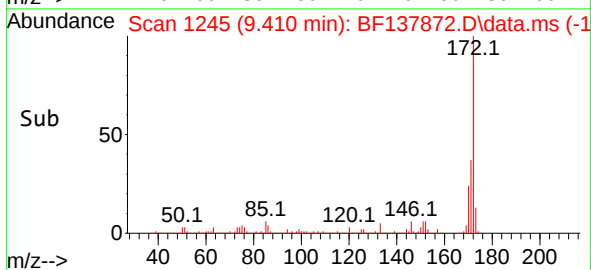
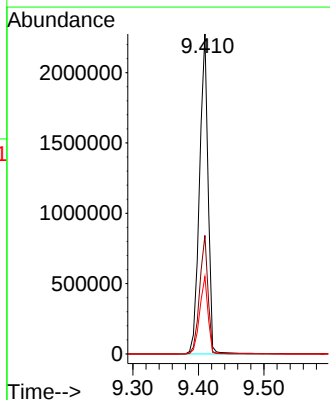
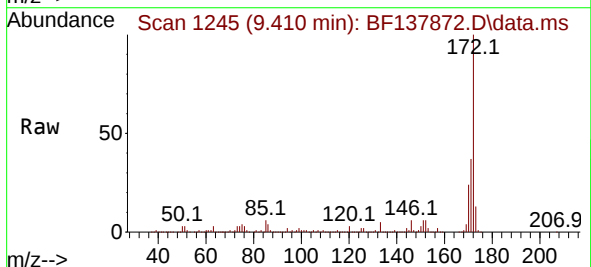
Tgt Ion:172 Resp: 2071090

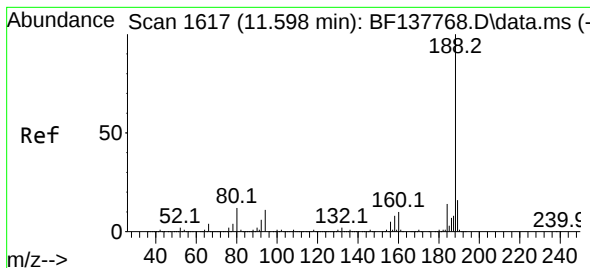
Ion Ratio Lower Upper

172 100

171 37.1 29.6 44.4

170 24.2 19.4 29.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.592 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137872.D

Acq: 09 May 2024 19:30

Instrument :

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ClientSampleId :

1011UMR-SS004-0212-01

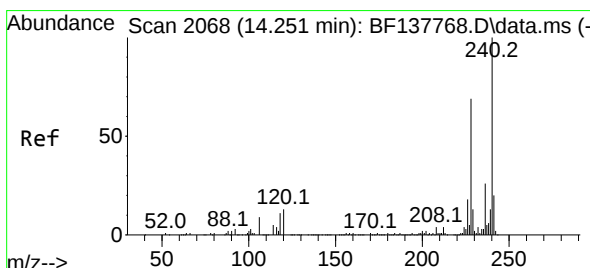
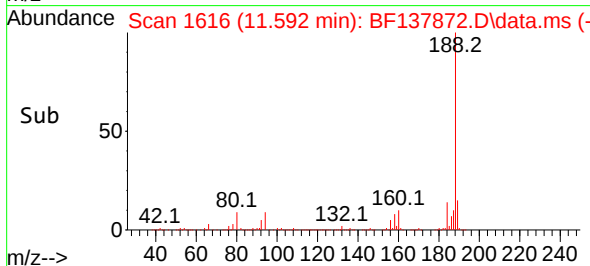
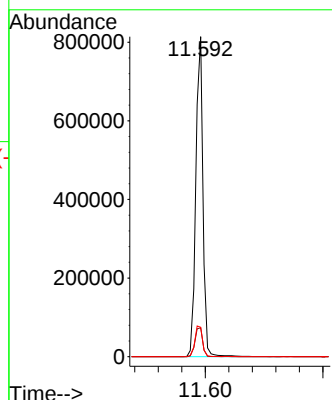
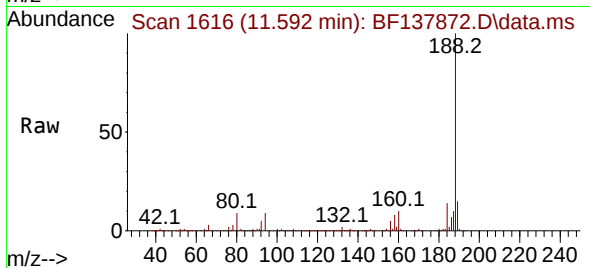
Tgt Ion:188 Resp: 683703

Ion Ratio Lower Upper

188 100

94 9.1 8.8 13.2

80 9.2 9.6 14.4#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.239 min Scan# 2066

Delta R.T. -0.012 min

Lab File: BF137872.D

Acq: 09 May 2024 19:30

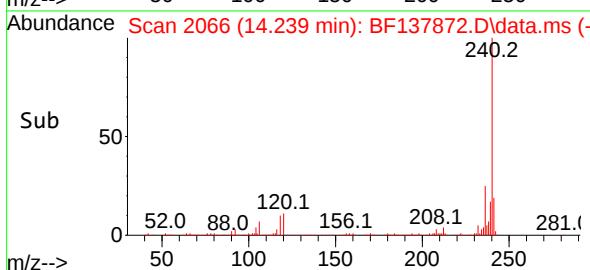
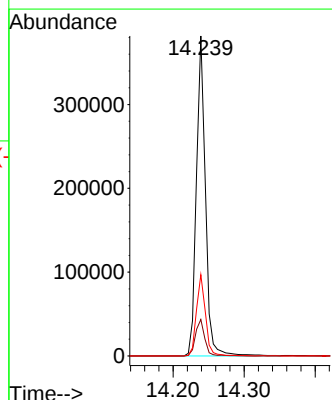
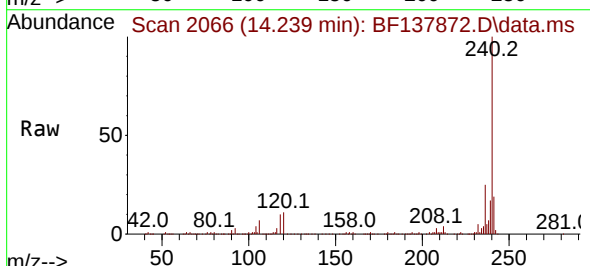
Tgt Ion:240 Resp: 341016

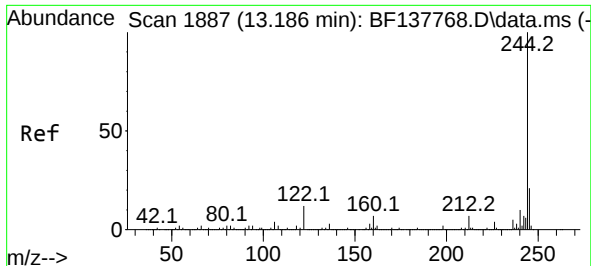
Ion Ratio Lower Upper

240 100

120 11.4 10.4 15.6

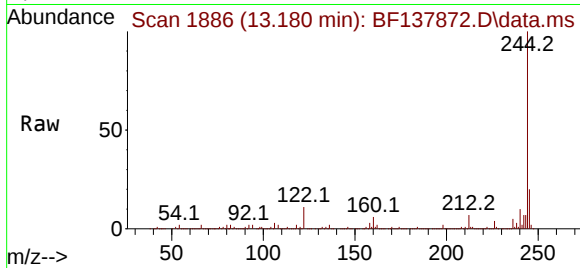
236 25.4 20.4 30.6



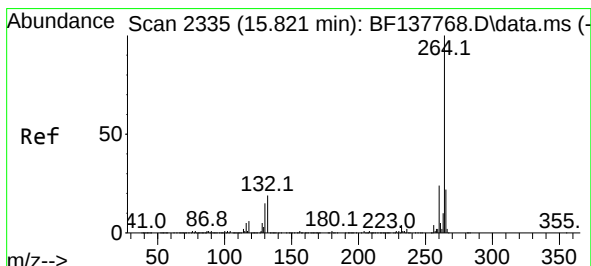
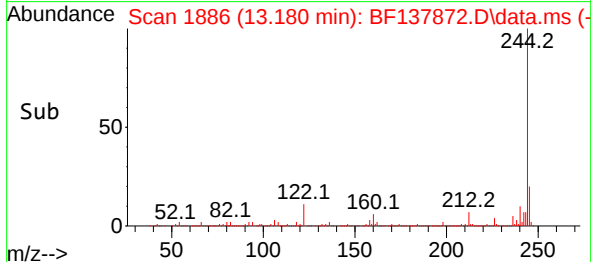
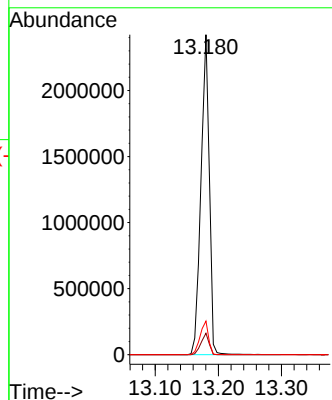


#79  
 Terphenyl-d14  
 Concen: 108.957 ng  
 RT: 13.180 min Scan# 1886  
 Delta R.T. -0.006 min  
 Lab File: BF137872.D  
 Acq: 09 May 2024 19:30

Instrument :  
 BNA\_F  
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 1011UMR-SS004-0212-01



Tgt Ion:244 Resp: 2217129  
 Ion Ratio Lower Upper  
 244 100  
 212 6.7 5.5 8.3  
 122 10.5 9.4 14.2



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.809 min Scan# 2333  
 Delta R.T. -0.012 min  
 Lab File: BF137872.D  
 Acq: 09 May 2024 19:30

Tgt Ion:264 Resp: 238937  
 Ion Ratio Lower Upper  
 264 100  
 260 24.6 18.9 28.3  
 265 21.7 17.4 26.0

