

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102924\  
 Data File : BF140103.D  
 Acq On : 29 Oct 2024 11:01  
 Operator : RC/JU  
 Sample : P4495-12  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PT-TRIAZINE-SOIL

Quant Time: Oct 29 11:38:12 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF101824.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 18 15:07:50 2024  
 Response via : Initial Calibration

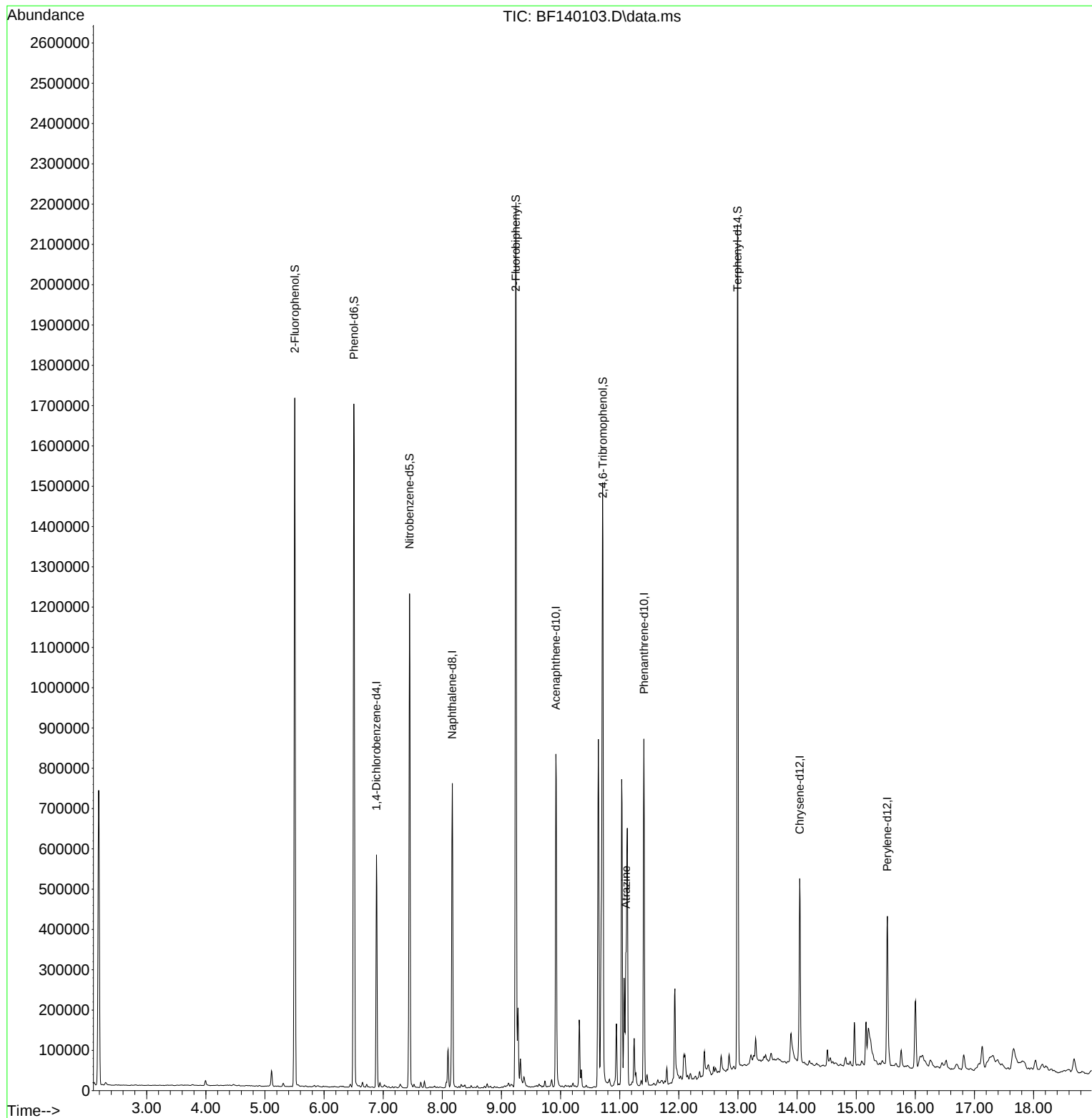
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min)  |
|-----------------------------|--------|------|----------|---------|-------|-----------|
| -----                       |        |      |          |         |       |           |
| Internal Standards          |        |      |          |         |       |           |
| 1) 1,4-Dichlorobenzene-d4   | 6.887  | 152  | 114288   | 20.000  | ng    | 0.00      |
| 21) Naphthalene-d8          | 8.169  | 136  | 452815   | 20.000  | ng    | 0.00      |
| 39) Acenaphthene-d10        | 9.922  | 164  | 254415   | 20.000  | ng    | 0.00      |
| 64) Phenanthrene-d10        | 11.410 | 188  | 445374   | 20.000  | ng    | 0.00      |
| 76) Chrysene-d12            | 14.045 | 240  | 216948   | 20.000  | ng    | 0.00      |
| 86) Perylene-d12            | 15.527 | 264  | 229298   | 20.000  | ng    | 0.00      |
| System Monitoring Compounds |        |      |          |         |       |           |
| 5) 2-Fluorophenol           | 5.504  | 112  | 616208   | 84.407  | ng    | 0.00      |
| 7) Phenol-d6                | 6.504  | 99   | 812212   | 85.900  | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 7.445  | 82   | 543679   | 66.545  | ng    | 0.00      |
| 42) 2,4,6-Tribromophenol    | 10.716 | 330  | 261270   | 109.790 | ng    | 0.00      |
| 45) 2-Fluorobiphenyl        | 9.245  | 172  | 1025555  | 66.621  | ng    | 0.00      |
| 79) Terphenyl-d14           | 12.992 | 244  | 1085704  | 81.546  | ng    | 0.00      |
| Target Compounds            |        |      |          |         |       |           |
| 69) Atrazine                | 11.104 | 200  | 54279    | 15.032  | ng    | Qvalue 99 |
| -----                       |        |      |          |         |       |           |

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

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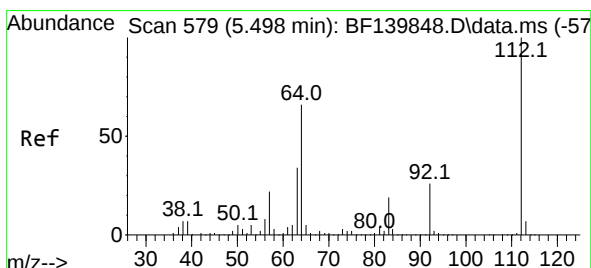
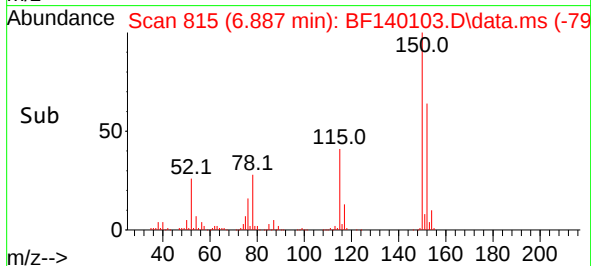
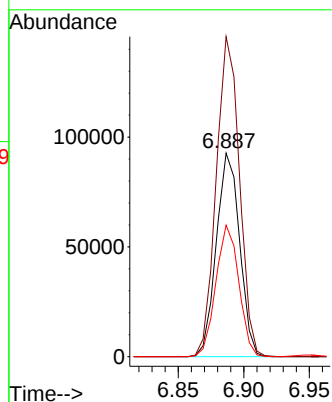
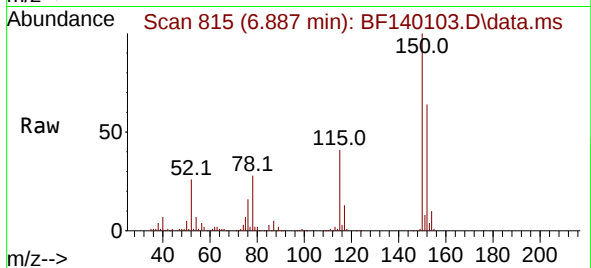




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.887 min Scan# 816  
Delta R.T. -0.005 min  
Lab File: BF140103.D  
Acq: 29 Oct 2024 11:01

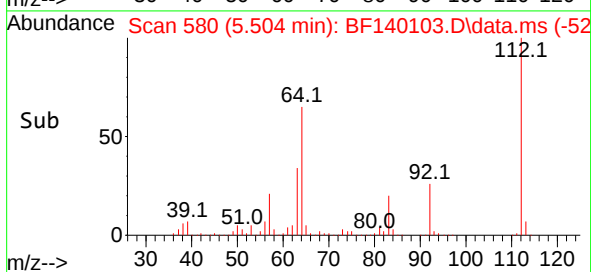
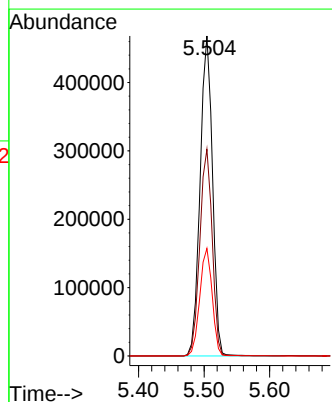
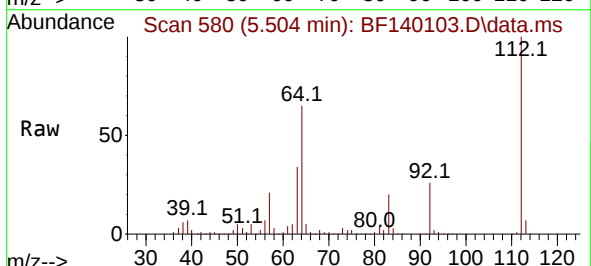
Instrument :  
BNA\_F  
ClientSampleId :  
PT-TRIAZINE-SOIL

Tgt Ion:152 Resp: 114288  
Ion Ratio Lower Upper  
152 100  
150 157.2 130.2 195.2  
115 64.6 51.4 77.2



#5  
2-Fluorophenol  
Concen: 84.407 ng  
RT: 5.504 min Scan# 580  
Delta R.T. 0.006 min  
Lab File: BF140103.D  
Acq: 29 Oct 2024 11:01

Tgt Ion:112 Resp: 616208  
Ion Ratio Lower Upper  
112 100  
64 64.6 53.0 79.6  
63 33.6 27.0 40.4

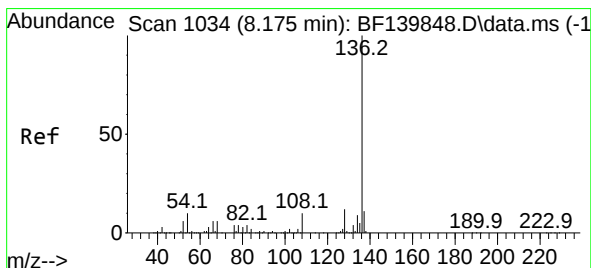
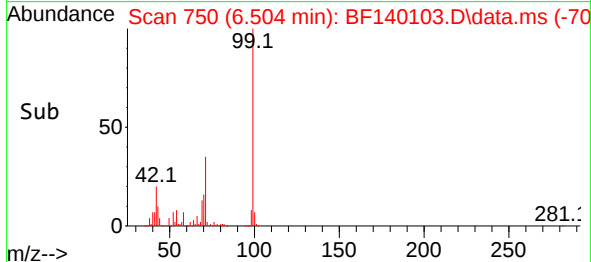
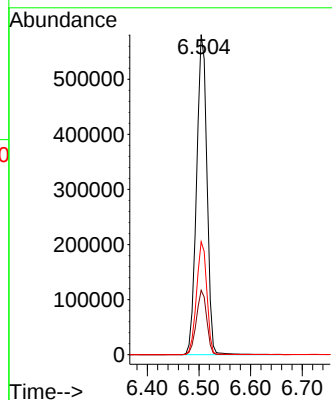
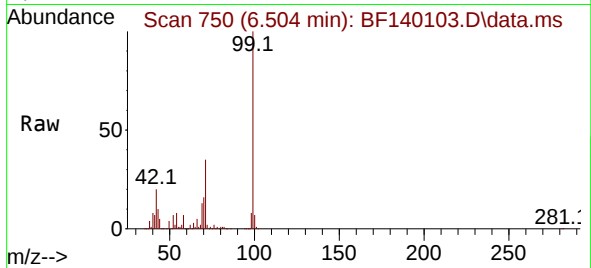




#7  
Phenol-d6  
Concen: 85.900 ng  
RT: 6.504 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF140103.D  
Acq: 29 Oct 2024 11:01

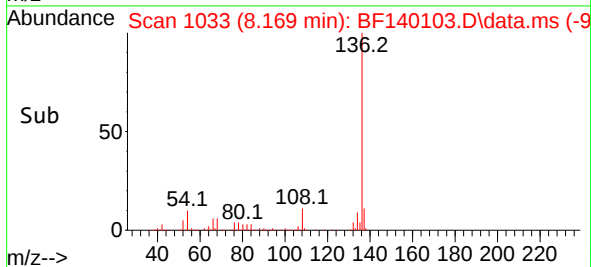
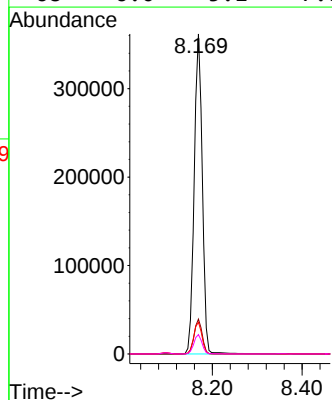
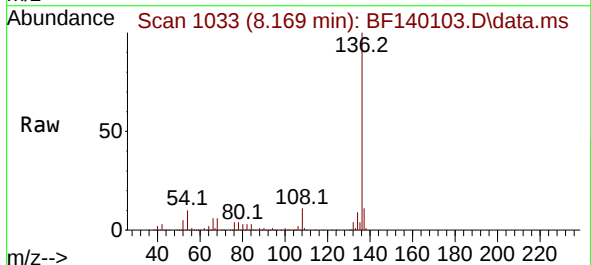
Instrument :  
BNA\_F  
ClientSampleId :  
PT-TRIAZINE-SOIL

Tgt Ion: 99 Resp: 812212  
Ion Ratio Lower Upper  
99 100  
42 20.1 16.7 25.1  
71 35.3 27.7 41.5



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.169 min Scan# 1033  
Delta R.T. -0.006 min  
Lab File: BF140103.D  
Acq: 29 Oct 2024 11:01

Tgt Ion: 136 Resp: 452815  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.6 12.8  
54 9.9 8.4 12.6  
68 6.0 5.1 7.7





#23

Nitrobenzene-d5

Concen: 66.545 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF140103.D

Acq: 29 Oct 2024 11:01

Instrument :

BNA\_F

ClientSampleId :

PT-TRIAZINE-SOIL

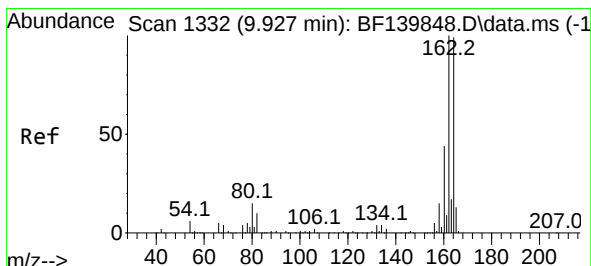
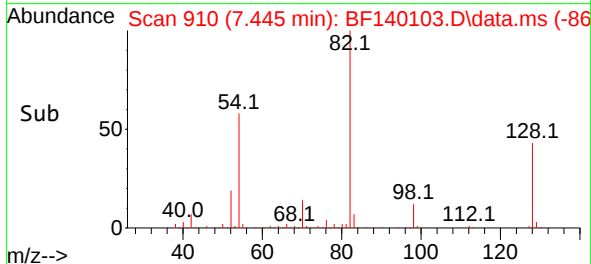
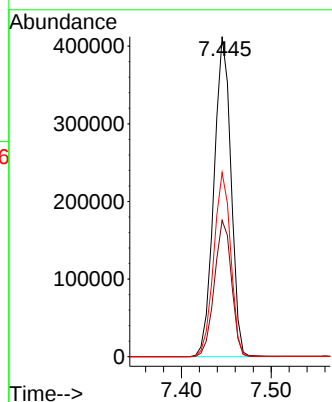
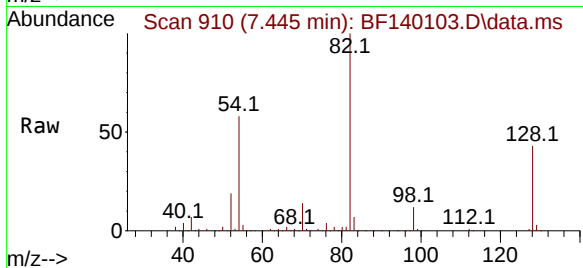
Tgt Ion: 82 Resp: 543679

Ion Ratio Lower Upper

82 100

128 42.6 33.4 50.0

54 57.5 47.8 71.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1331

Delta R.T. -0.005 min

Lab File: BF140103.D

Acq: 29 Oct 2024 11:01

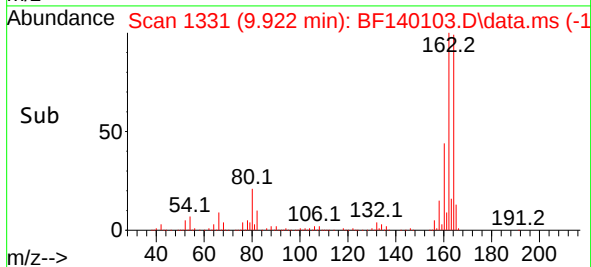
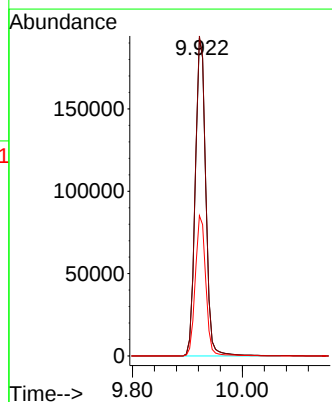
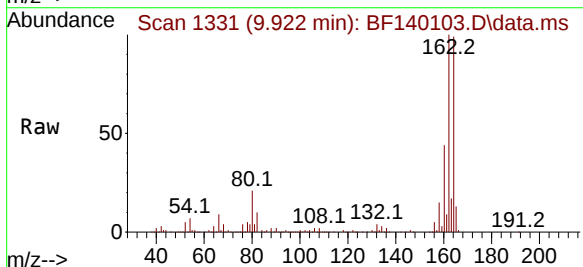
Tgt Ion:164 Resp: 254415

Ion Ratio Lower Upper

164 100

162 100.7 81.0 121.4

160 44.1 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 109.790 ng

RT: 10.716 min Scan# 1466

Delta R.T. 0.000 min

Lab File: BF140103.D

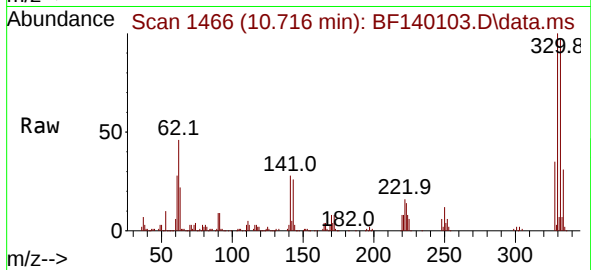
Acq: 29 Oct 2024 11:01

Instrument :

BNA\_F

ClientSampleId :

PT-TRIAZINE-SOIL



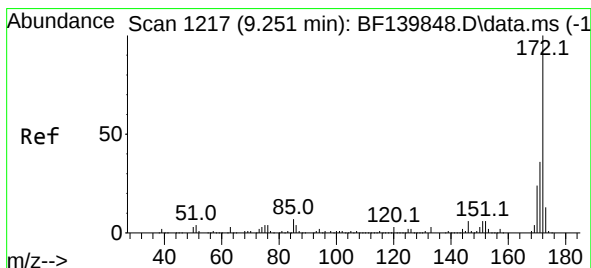
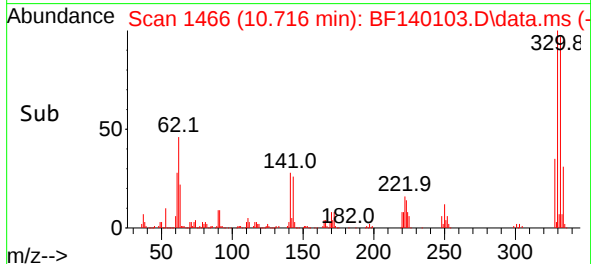
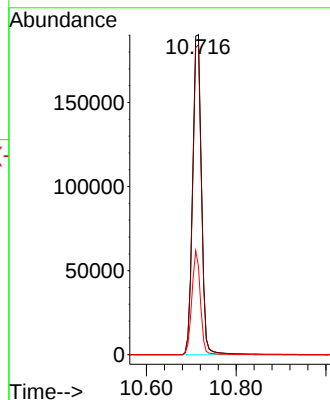
Tgt Ion:330 Resp: 261270

Ion Ratio Lower Upper

330 100

332 96.3 78.1 117.1

141 31.1 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 66.621 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF140103.D

Acq: 29 Oct 2024 11:01

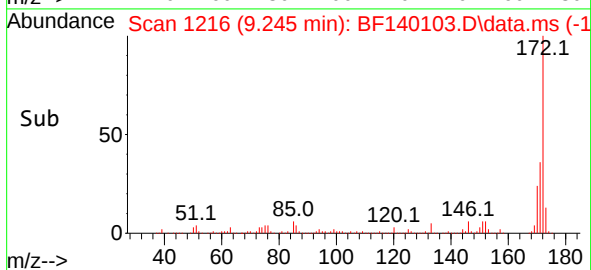
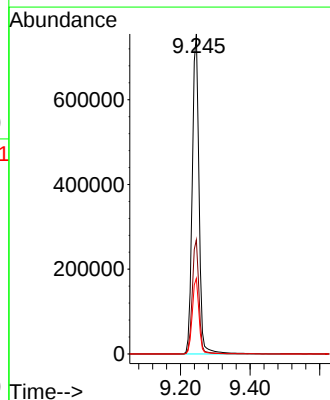
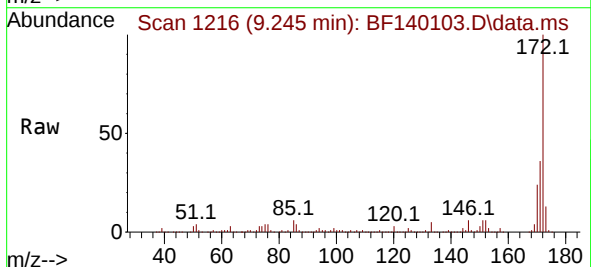
Tgt Ion:172 Resp: 1025555

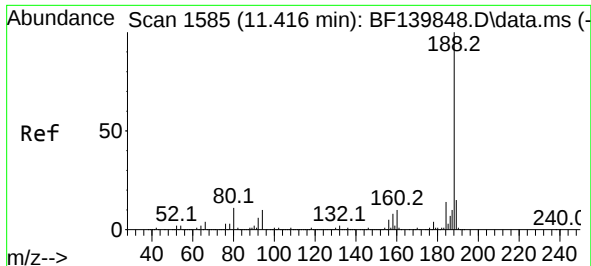
Ion Ratio Lower Upper

172 100

171 35.6 28.6 43.0

170 23.6 19.1 28.7

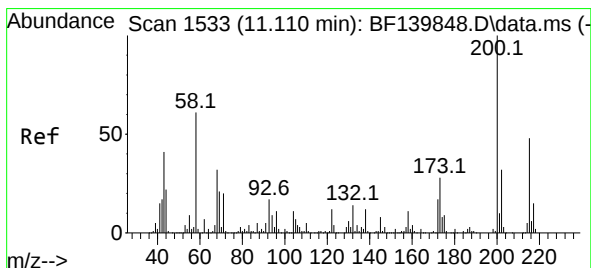
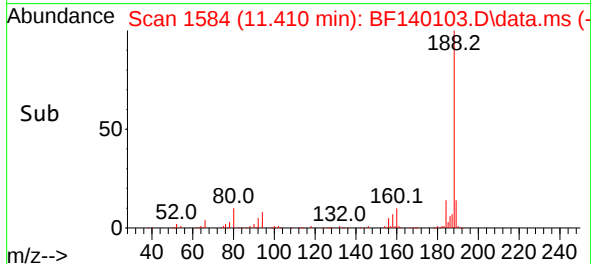
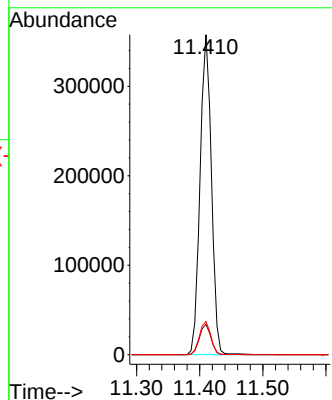
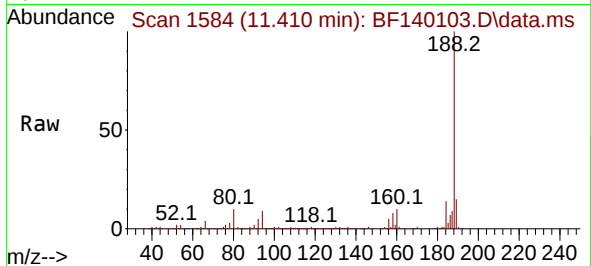




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.410 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF140103.D  
Acq: 29 Oct 2024 11:01

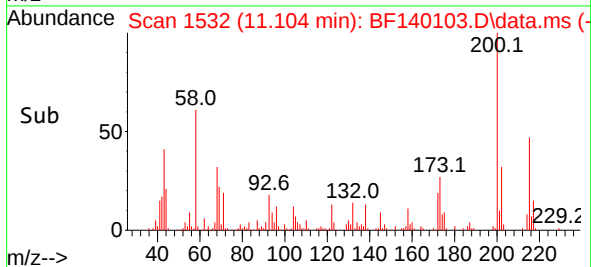
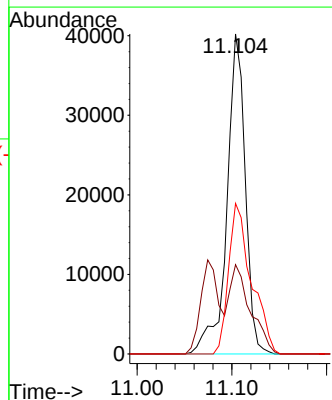
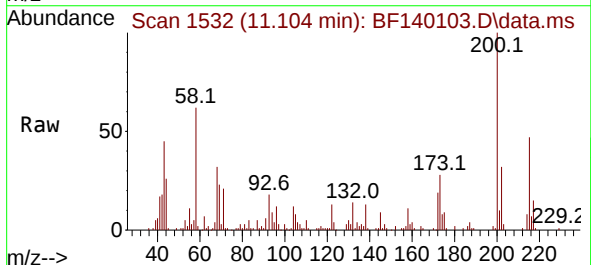
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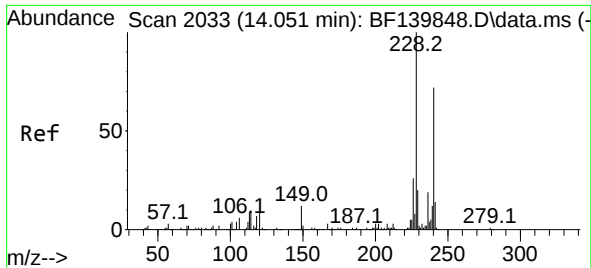
Tgt Ion:188 Resp: 445374  
Ion Ratio Lower Upper  
188 100  
94 9.4 7.9 11.9  
80 10.4 9.0 13.4



#69  
Atrazine  
Concen: 15.032 ng  
RT: 11.104 min Scan# 1532  
Delta R.T. -0.006 min  
Lab File: BF140103.D  
Acq: 29 Oct 2024 11:01

Tgt Ion:200 Resp: 54279  
Ion Ratio Lower Upper  
200 100  
173 27.9 7.7 47.7  
215 47.0 27.7 67.7

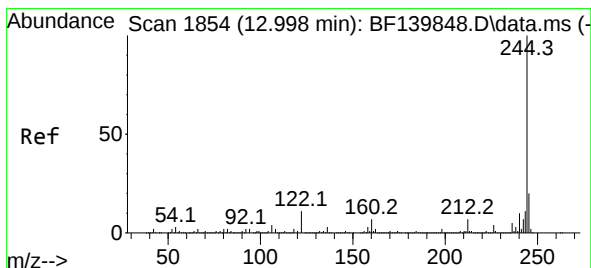
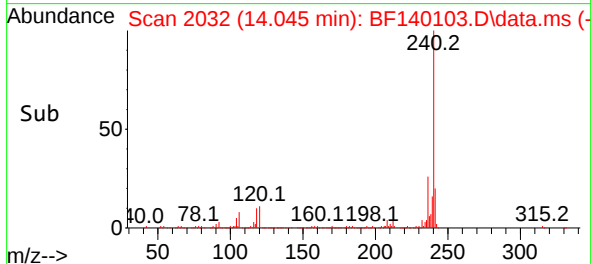
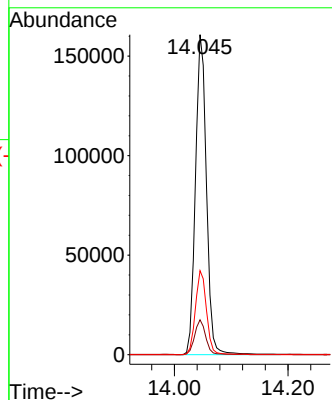
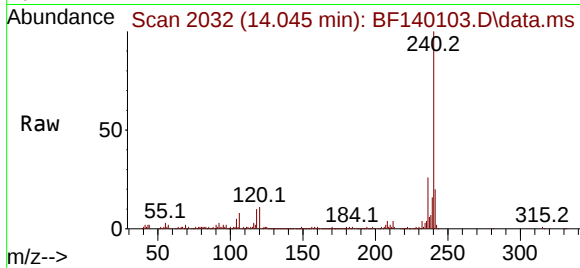




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.045 min Scan# 2032  
Delta R.T. -0.006 min  
Lab File: BF140103.D  
Acq: 29 Oct 2024 11:01

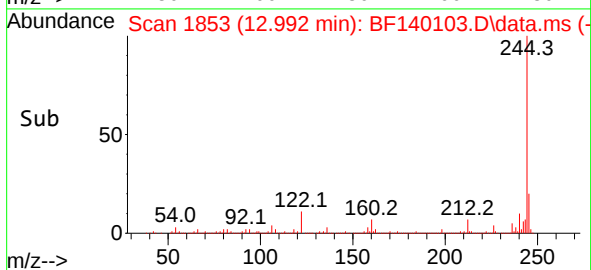
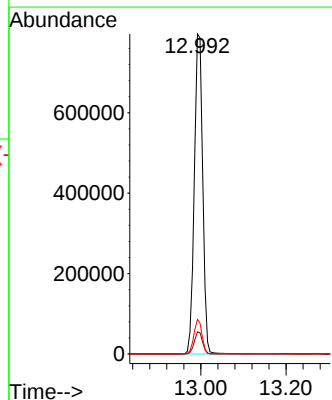
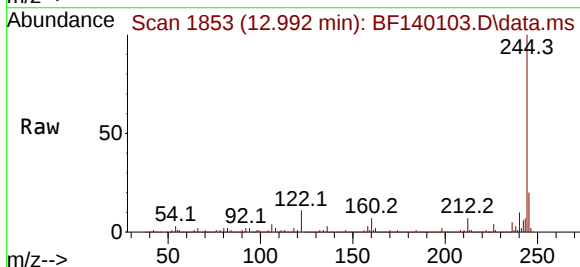
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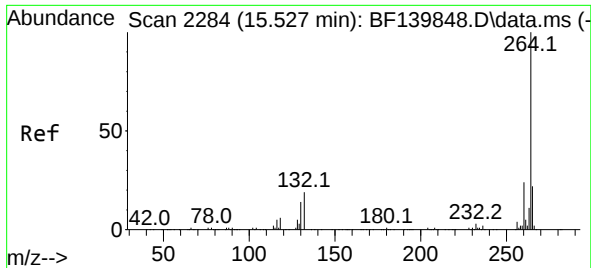
Tgt Ion:240 Resp: 216948  
Ion Ratio Lower Upper  
240 100  
120 10.9 9.4 14.2  
236 26.3 20.9 31.3



#79  
Terphenyl-d14  
Concen: 81.546 ng  
RT: 12.992 min Scan# 1853  
Delta R.T. -0.006 min  
Lab File: BF140103.D  
Acq: 29 Oct 2024 11:01

Tgt Ion:244 Resp: 1085704  
Ion Ratio Lower Upper  
244 100  
212 6.9 5.7 8.5  
122 10.8 8.6 13.0





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.527 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: BF140103.D  
 Acq: 29 Oct 2024 11:01

Instrument :  
 BNA\_F  
 ClientSampleId :  
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Tgt Ion:264 Resp: 229298  
 Ion Ratio Lower Upper  
 264 100  
 260 23.4 19.4 29.2  
 265 21.3 17.4 26.0

