

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102324\  
 Data File : BF139980.D  
 Acq On : 23 Oct 2024 22:46  
 Operator : RC/JU  
 Sample : P4468-05  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ETGI-345

Quant Time: Oct 24 01:13:40 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

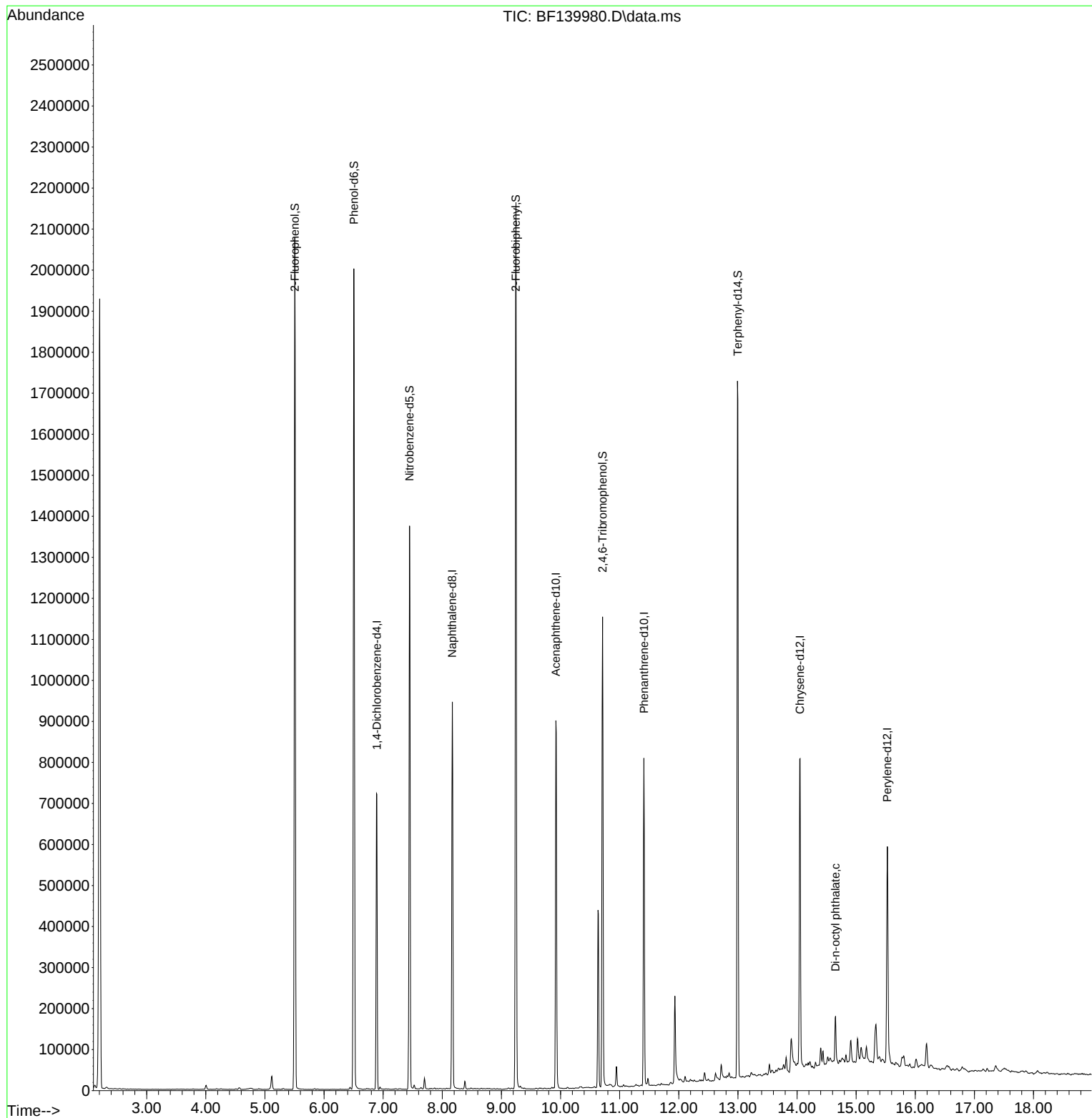
| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min)    |
|-----------------------------|--------|------|----------|--------|-------|-------------|
| -----                       |        |      |          |        |       |             |
| Internal Standards          |        |      |          |        |       |             |
| 1) 1,4-Dichlorobenzene-d4   | 6.893  | 152  | 152208   | 20.000 | ng    | 0.00        |
| 21) Naphthalene-d8          | 8.169  | 136  | 559714   | 20.000 | ng    | 0.00        |
| 39) Acenaphthene-d10        | 9.922  | 164  | 276594   | 20.000 | ng    | 0.00        |
| 64) Phenanthrene-d10        | 11.410 | 188  | 414075   | 20.000 | ng    | 0.00        |
| 76) Chrysene-d12            | 14.051 | 240  | 346194   | 20.000 | ng    | 0.00        |
| 86) Perylene-d12            | 15.527 | 264  | 313337   | 20.000 | ng    | 0.00        |
| System Monitoring Compounds |        |      |          |        |       |             |
| 5) 2-Fluorophenol           | 5.504  | 112  | 762596   | 78.434 | ng    | 0.00        |
| 7) Phenol-d6                | 6.504  | 99   | 945601   | 75.092 | ng    | 0.00        |
| 23) Nitrobenzene-d5         | 7.445  | 82   | 592820   | 58.702 | ng    | 0.00        |
| 42) 2,4,6-Tribromophenol    | 10.710 | 330  | 192300   | 74.328 | ng    | 0.00        |
| 45) 2-Fluorobiphenyl        | 9.245  | 172  | 964784   | 57.648 | ng    | 0.00        |
| 79) Terphenyl-d14           | 12.998 | 244  | 862511   | 40.597 | ng    | 0.00        |
| Target Compounds            |        |      |          |        |       |             |
| 85) Di-n-octyl phthalate    | 14.651 | 149  | 79787    | 4.304  | ng    | Qvalue # 97 |
| -----                       |        |      |          |        |       |             |

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

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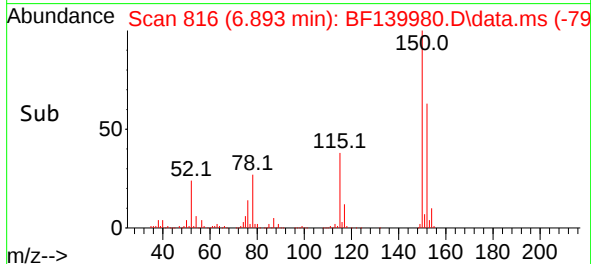
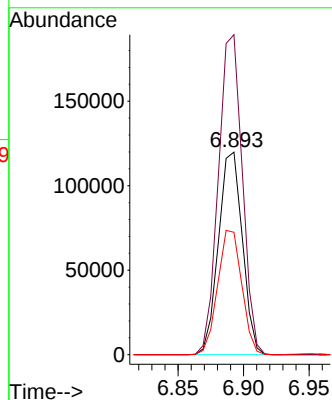
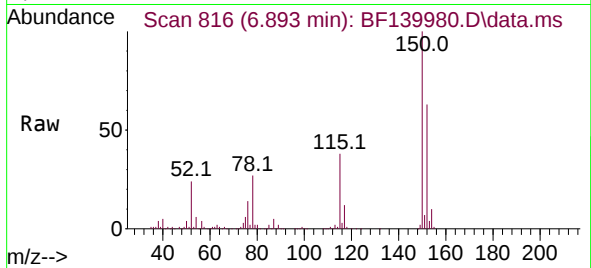




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.893 min Scan# 816  
Delta R.T. 0.001 min  
Lab File: BF139980.D  
Acq: 23 Oct 2024 22:46

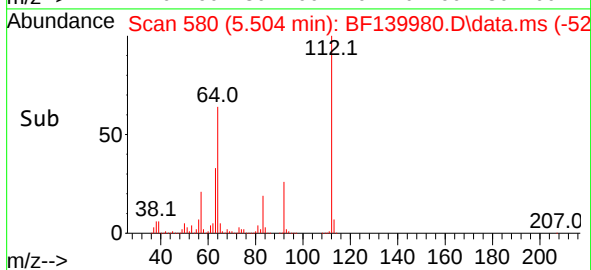
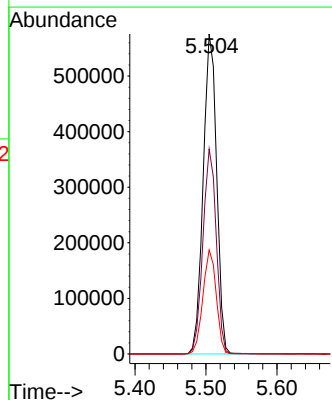
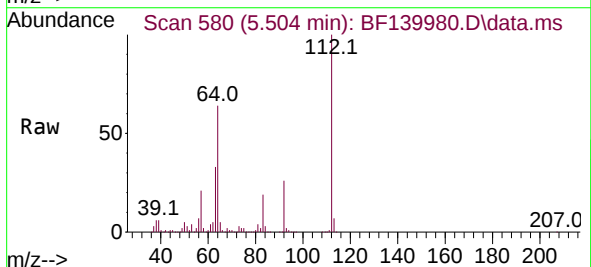
Instrument :  
BNA\_F  
ClientSampleId :  
ETGI-345

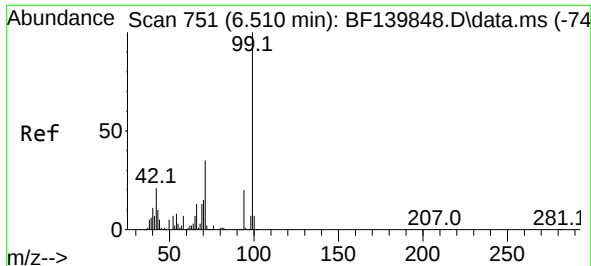
Tgt Ion:152 Resp: 152208  
Ion Ratio Lower Upper  
152 100  
150 157.9 130.2 195.2  
115 60.4 51.4 77.2



#5  
2-Fluorophenol  
Concen: 78.434 ng  
RT: 5.504 min Scan# 580  
Delta R.T. 0.006 min  
Lab File: BF139980.D  
Acq: 23 Oct 2024 22:46

Tgt Ion:112 Resp: 762596  
Ion Ratio Lower Upper  
112 100  
64 64.1 53.0 79.6  
63 32.5 27.0 40.4

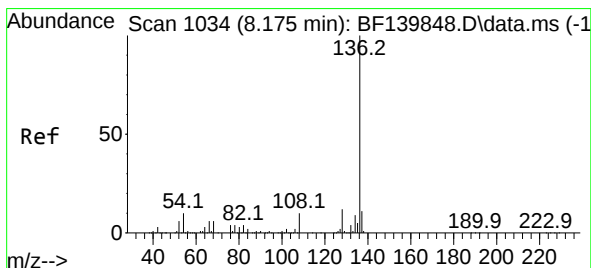
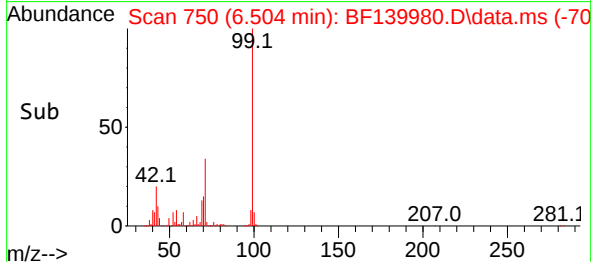
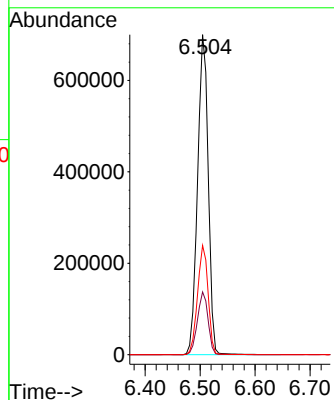
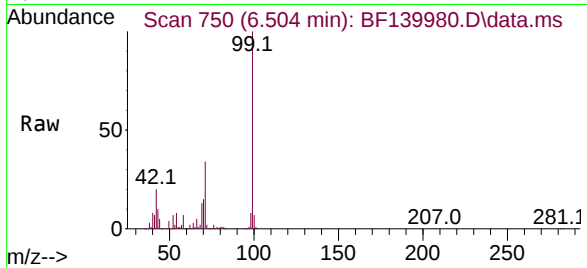




#7  
Phenol-d6  
Concen: 75.092 ng  
RT: 6.504 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF139980.D  
Acq: 23 Oct 2024 22:46

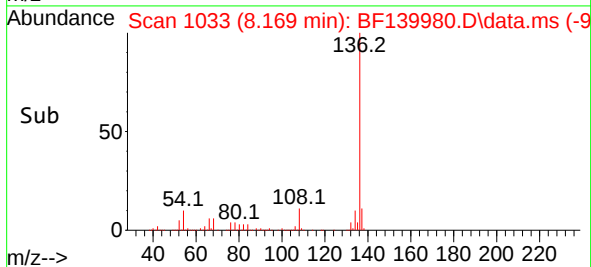
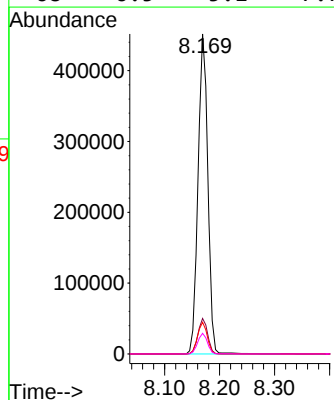
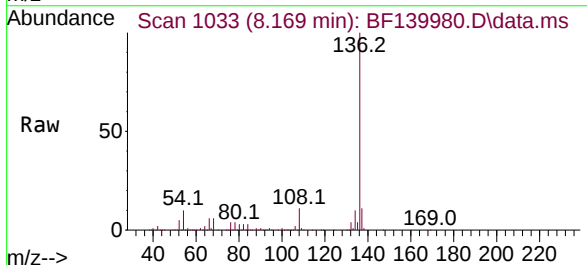
Instrument :  
BNA\_F  
ClientSampleId :  
ETGI-345

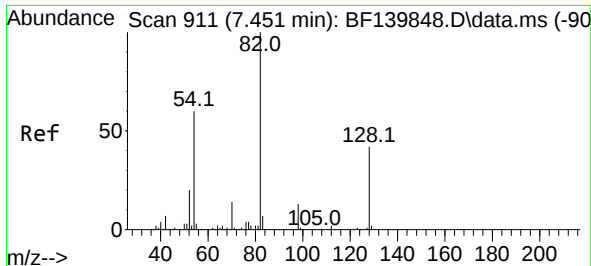
Tgt Ion: 99 Resp: 945601  
Ion Ratio Lower Upper  
99 100  
42 19.6 16.7 25.1  
71 34.2 27.7 41.5



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.169 min Scan# 1033  
Delta R.T. -0.006 min  
Lab File: BF139980.D  
Acq: 23 Oct 2024 22:46

Tgt Ion: 136 Resp: 559714  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.6 12.8  
54 9.9 8.4 12.6  
68 6.5 5.1 7.7





#23

Nitrobenzene-d5

Concen: 58.702 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF139980.D

Acq: 23 Oct 2024 22:46

Instrument :

BNA\_F

ClientSampleId :

ETGI-345

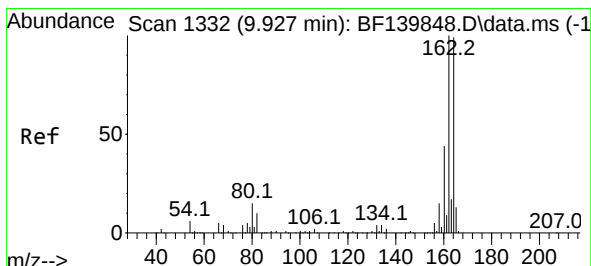
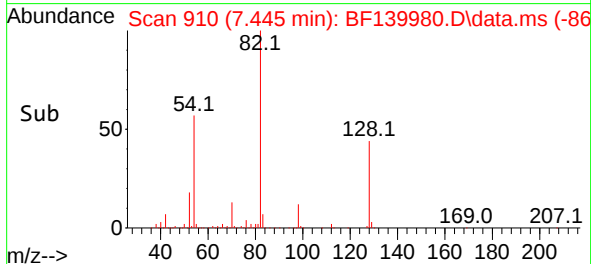
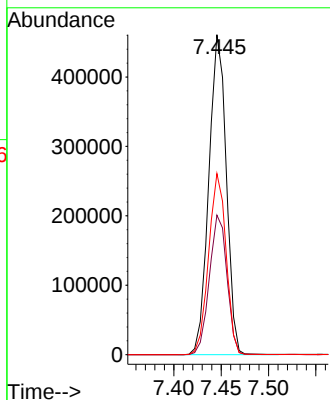
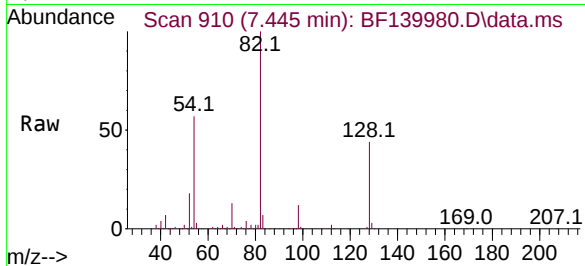
Tgt Ion: 82 Resp: 592820

Ion Ratio Lower Upper

82 100

128 43.6 33.4 50.0

54 56.6 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: BF139980.D

Acq: 23 Oct 2024 22:46

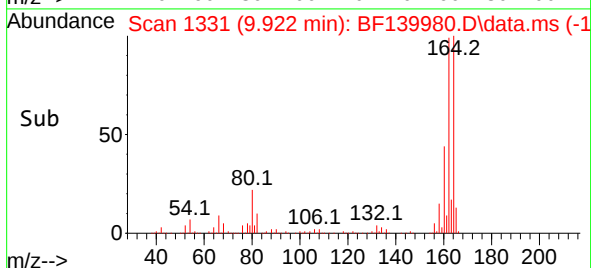
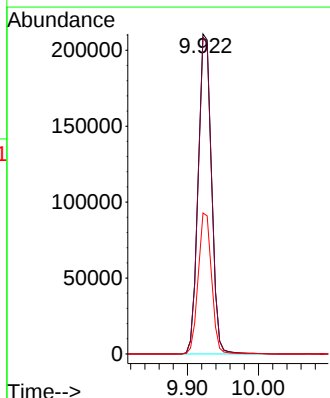
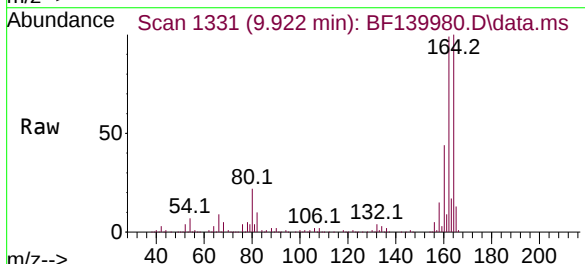
Tgt Ion: 164 Resp: 276594

Ion Ratio Lower Upper

164 100

162 99.0 81.0 121.4

160 44.0 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 74.328 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF139980.D

Acq: 23 Oct 2024 22:46

Instrument :

BNA\_F

ClientSampleId :

ETGI-345

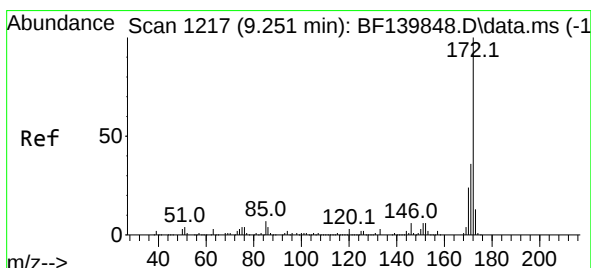
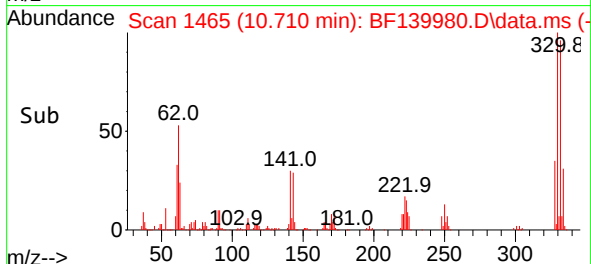
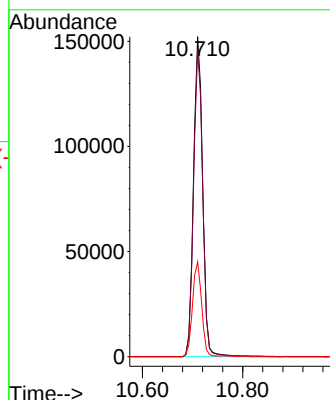
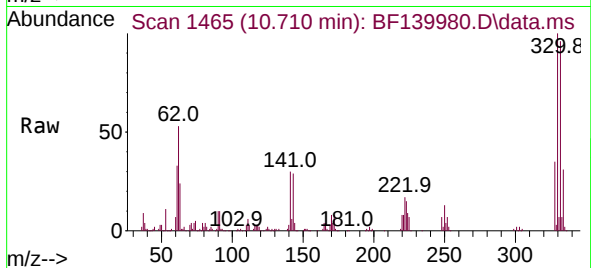
Tgt Ion:330 Resp: 192300

Ion Ratio Lower Upper

330 100

332 96.0 78.1 117.1

141 29.6 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 57.648 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139980.D

Acq: 23 Oct 2024 22:46

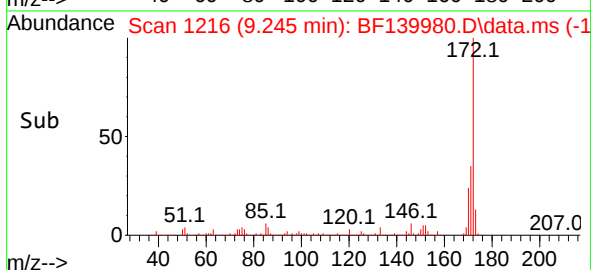
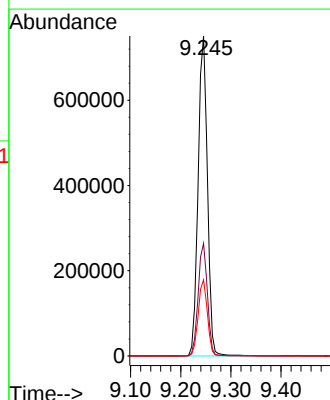
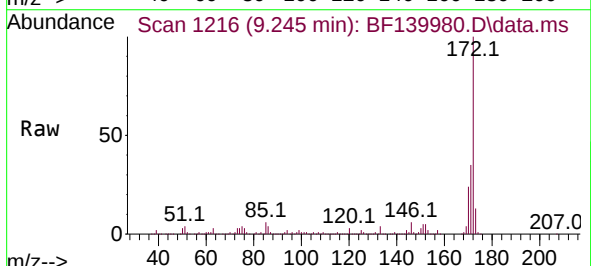
Tgt Ion:172 Resp: 964784

Ion Ratio Lower Upper

172 100

171 35.2 28.6 43.0

170 23.8 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139980.D

Acq: 23 Oct 2024 22:46

Instrument :

BNA\_F

ClientSampleId :

ETGI-345

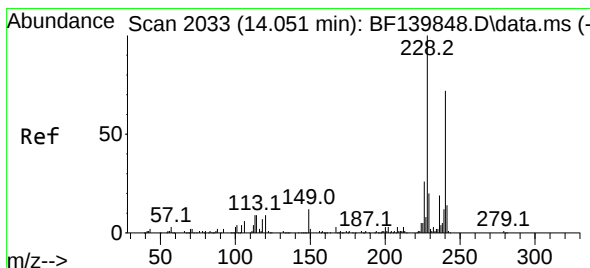
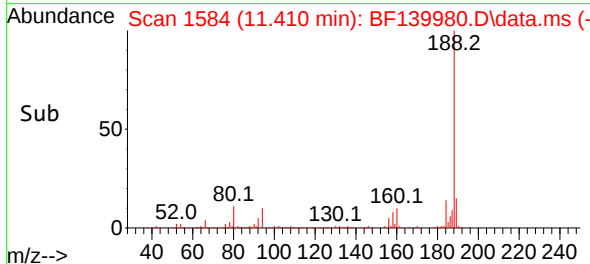
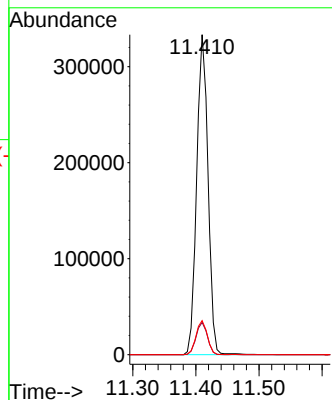
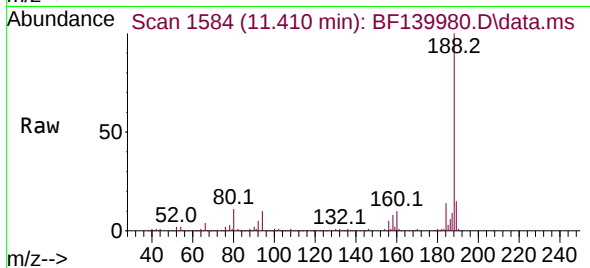
Tgt Ion:188 Resp: 414075

Ion Ratio Lower Upper

188 100

94 10.1 7.9 11.9

80 10.7 9.0 13.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF139980.D

Acq: 23 Oct 2024 22:46

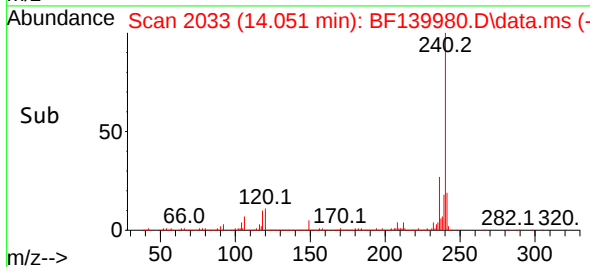
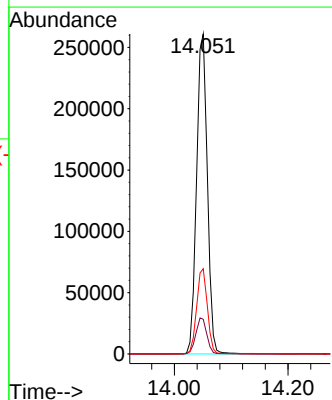
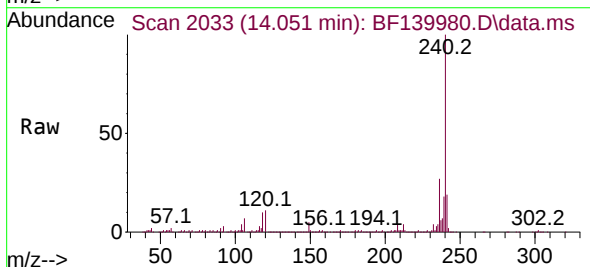
Tgt Ion:240 Resp: 346194

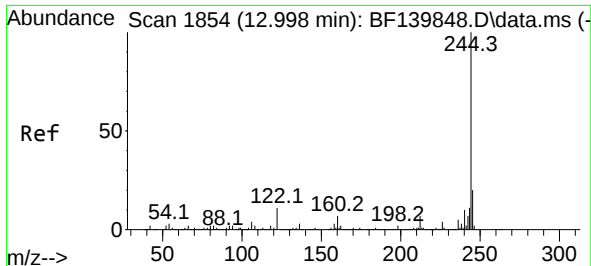
Ion Ratio Lower Upper

240 100

120 10.9 9.4 14.2

236 26.6 20.9 31.3

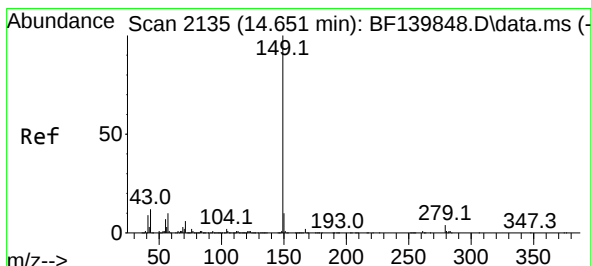
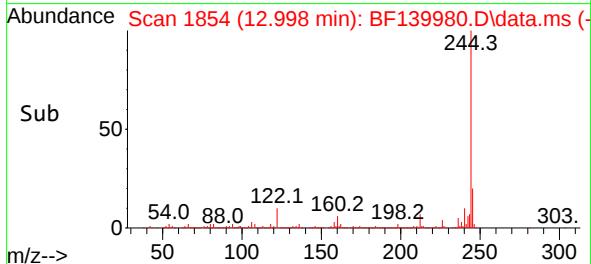
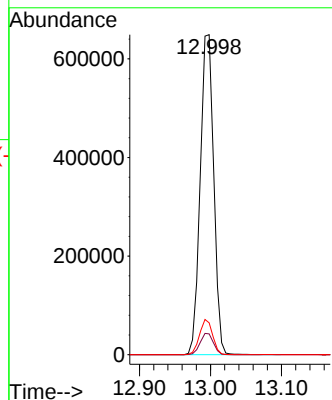
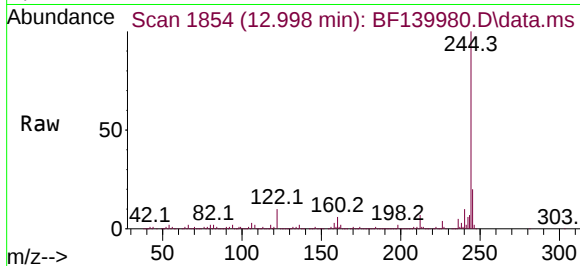




#79  
 Terphenyl-d14  
 Concen: 40.597 ng  
 RT: 12.998 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: BF139980.D  
 Acq: 23 Oct 2024 22:46

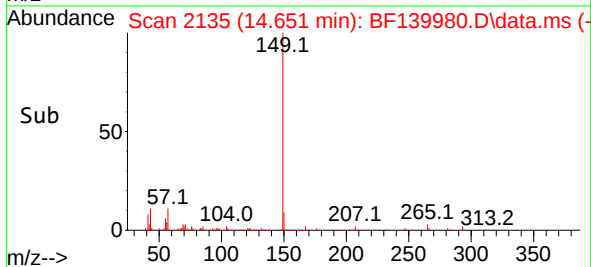
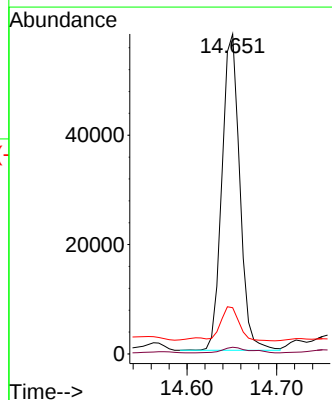
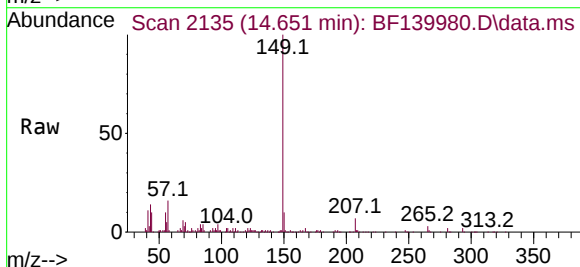
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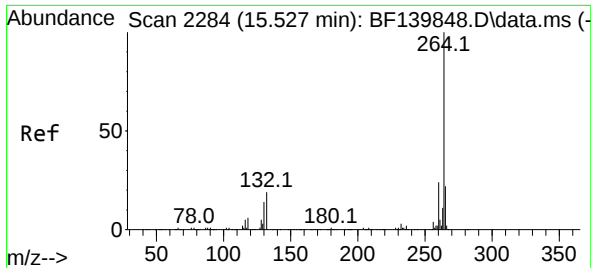
Tgt Ion:244 Resp: 862511  
 Ion Ratio Lower Upper  
 244 100  
 212 6.5 5.7 8.5  
 122 9.9 8.6 13.0



#85  
 Di-n-octyl phthalate  
 Concen: 4.304 ng  
 RT: 14.651 min Scan# 2135  
 Delta R.T. -0.000 min  
 Lab File: BF139980.D  
 Acq: 23 Oct 2024 22:46

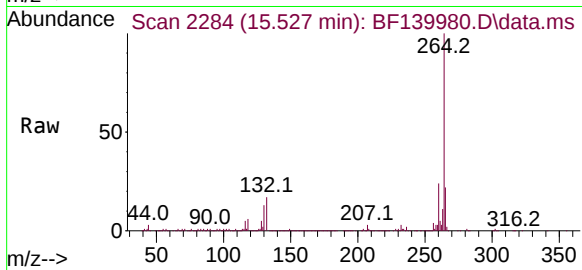
Tgt Ion:149 Resp: 79787  
 Ion Ratio Lower Upper  
 149 100  
 167 2.6 1.2 1.8#  
 43 11.0 9.8 14.6





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.527 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: BF139980.D  
 Acq: 23 Oct 2024 22:46

Instrument :  
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|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:264 | Resp: | 313337      |
| Ion         | Ratio | Lower Upper |
| 264         | 100   |             |
| 260         | 23.5  | 19.4 29.2   |
| 265         | 22.1  | 17.4 26.0   |

