

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031219\  
 Data File : BG039876.D  
 Acq On : 12 Mar 2019 16:15  
 Operator : JU/SJ  
 Sample : K1845-01  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 ETGI-294

Quant Time: Mar 13 06:40:47 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 13 05:34:05 2019  
 Response via : Initial Calibration

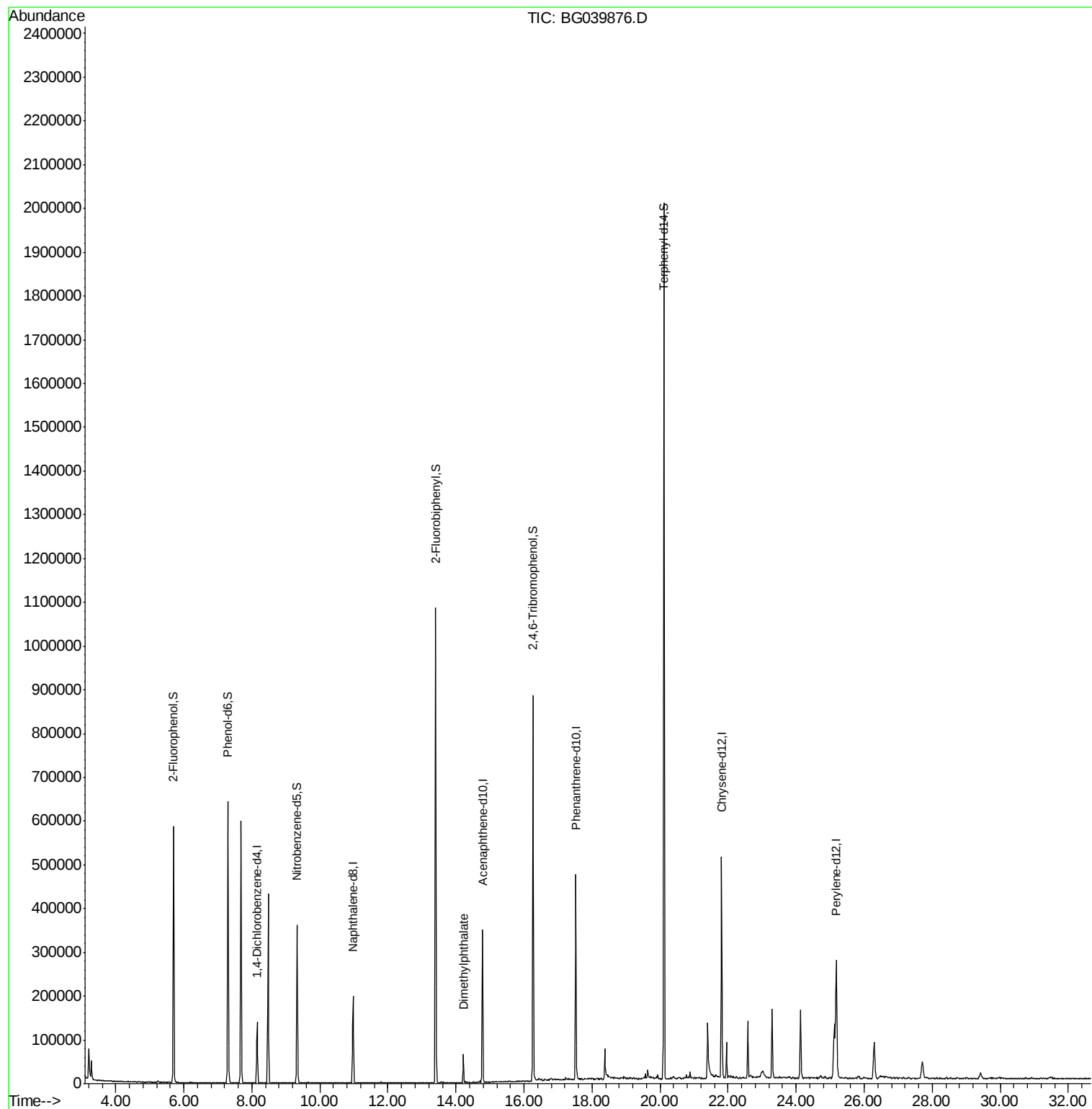
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)      |
|-----------------------------|-------|------|----------|--------|-------|---------------|
| 1) 1,4-Dichlorobenzene-d4   | 8.15  | 152  | 39307    | 20.00  | ng    | 0.00          |
| 21) Naphthalene-d8          | 10.97 | 136  | 168053   | 20.00  | ng    | 0.00          |
| 39) Acenaphthene-d10        | 14.78 | 164  | 120852   | 20.00  | ng    | 0.00          |
| 64) Phenanthrene-d10        | 17.52 | 188  | 300001   | 20.00  | ng    | 0.00          |
| 76) Chrysene-d12            | 21.81 | 240  | 312202   | 20.00  | ng    | 0.00          |
| 87) Perylene-d12            | 25.18 | 264  | 304591   | 20.00  | ng    | 0.00          |
| System Monitoring Compounds |       |      |          |        |       |               |
| 5) 2-Fluorophenol           | 5.70  | 112  | 250403   | 108.68 | ng    | 0.00          |
| 7) Phenol-d6                | 7.30  | 99   | 368135   | 107.16 | ng    | 0.00          |
| 23) Nitrobenzene-d5         | 9.33  | 82   | 215885   | 69.48  | ng    | 0.00          |
| 42) 2,4,6-Tribromophenol    | 16.26 | 330  | 154520   | 109.70 | ng    | 0.00          |
| 45) 2-Fluorobiphenyl        | 13.40 | 172  | 572653   | 67.47  | ng    | 0.00          |
| 79) Terphenyl-d14           | 20.12 | 244  | 940978   | 66.36  | ng    | 0.00          |
| Target Compounds            |       |      |          |        |       |               |
| 50) Dimethylphthalate       | 14.22 | 163  | 46256    | 4.577  | ng    | Qvalue<br>100 |

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

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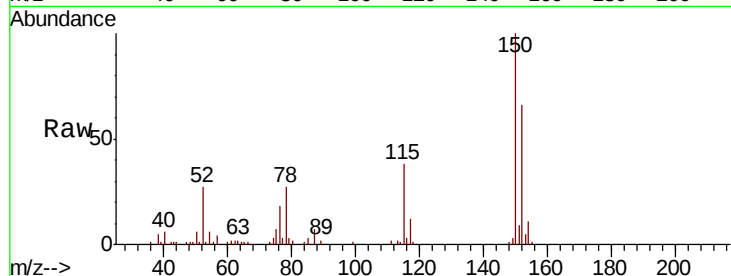


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.15 min Scan# 862  
Delta R.T. 0.00 min  
Lab File: BG039876.D  
Acq: 12 Mar 2019 16:15

Instrument :  
BNA\_G  
ClientSampleId :  
ETGI-294

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 151.0 | 123.7 | 185.5 |
| 115     | 58.0  | 45.9  | 68.9  |

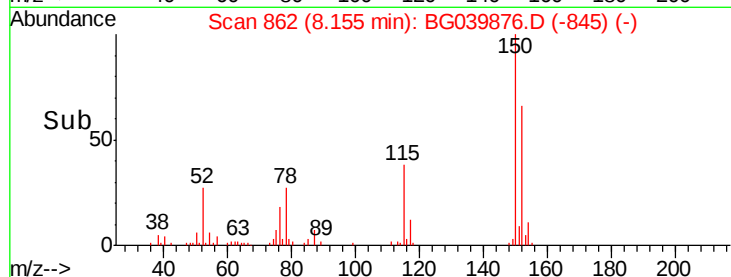
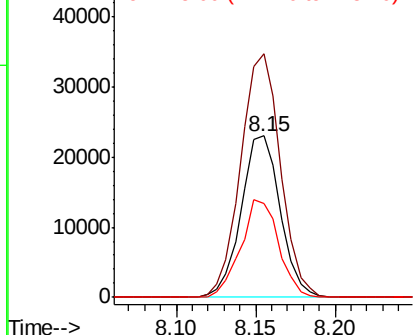


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

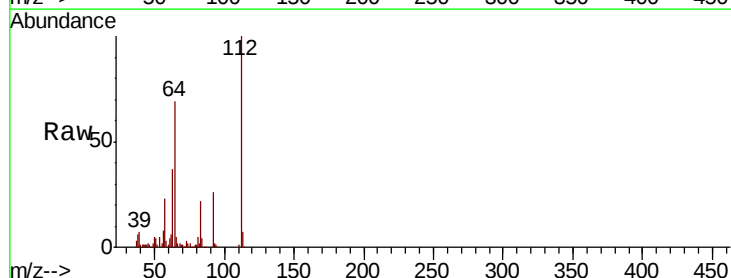
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol  
Concen: 108.680 ng  
RT: 5.70 min Scan# 444  
Delta R.T. 0.00 min  
Lab File: BG039876.D  
Acq: 12 Mar 2019 16:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 69.2  | 57.8  | 86.8  |
| 63      | 37.0  | 29.8  | 44.6  |

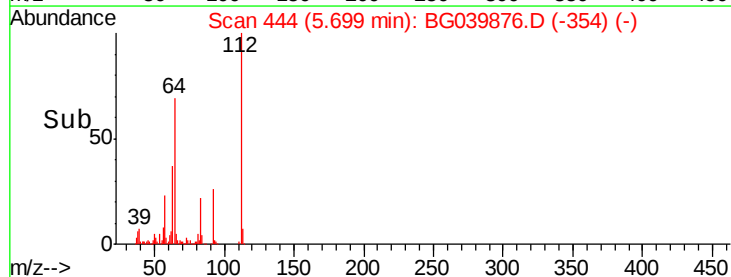
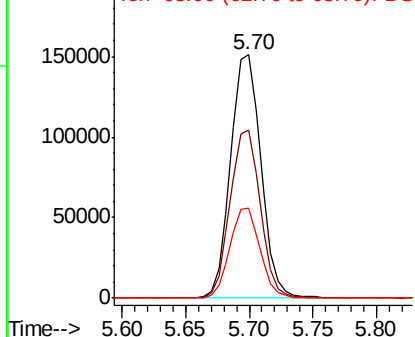


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 107.158 ng

RT: 7.30 min Scan# 716

Delta R.T. 0.00 min

Lab File: BG039876.D

Acq: 12 Mar 2019 16:15

Instrument :

BNA\_G

ClientSampleId :

ETGI-294

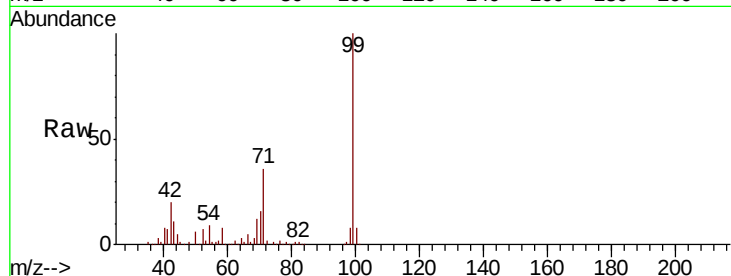
Tot Ion: 99 Resp: 368135

Ion Ratio Lower Upper

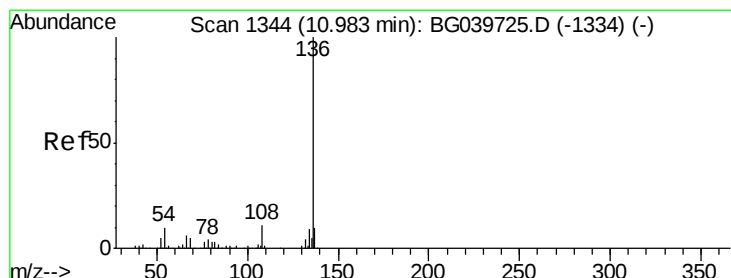
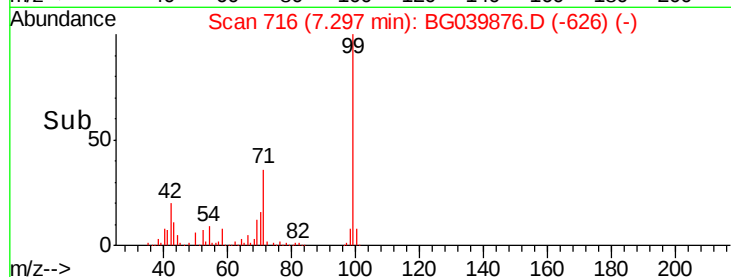
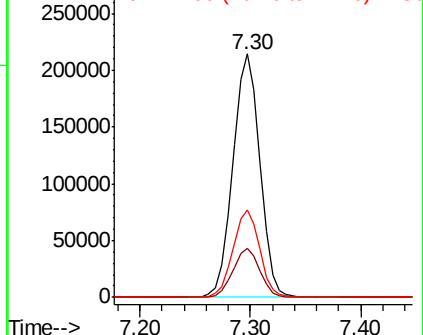
99 100

42 20.3 18.2 27.2

71 36.1 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BGC  
Ion 42.00 (41.70 to 42.70): BGC  
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.97 min Scan# 1342

Delta R.T. 0.00 min

Lab File: BG039876.D

Acq: 12 Mar 2019 16:15

Tgt Ion: 136 Resp: 168053

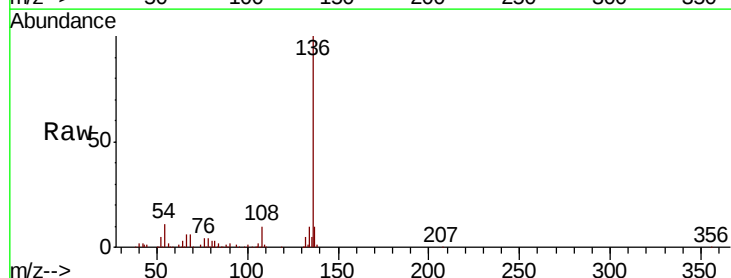
Ion Ratio Lower Upper

136 100

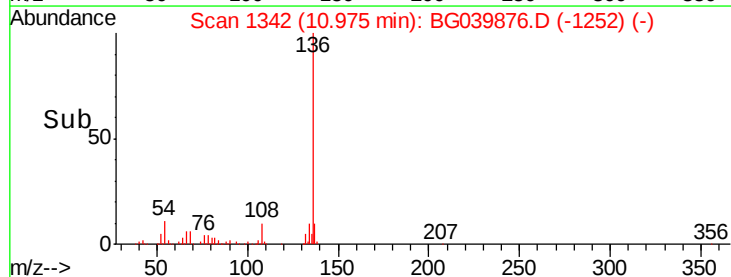
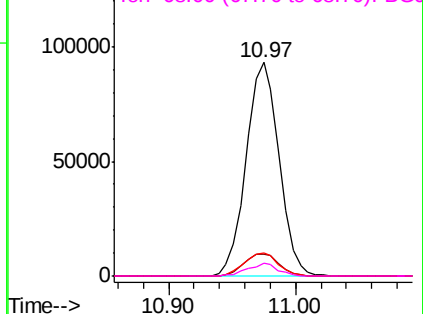
137 10.4 9.1 13.7

54 11.0 9.4 14.2

68 6.2 4.2 6.4



Abundance Ion 136.00 (135.70 to 136.70): BGC  
Ion 137.00 (136.70 to 137.70): BGC  
Ion 54.00 (53.70 to 54.70): BGC  
Ion 68.00 (67.70 to 68.70): BGC

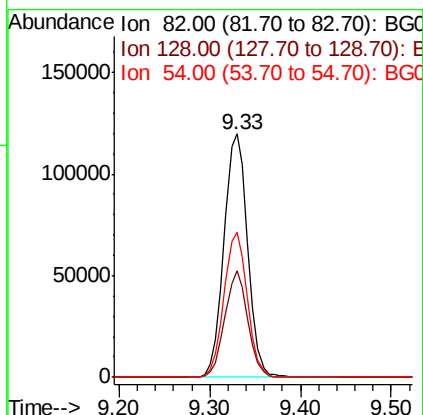
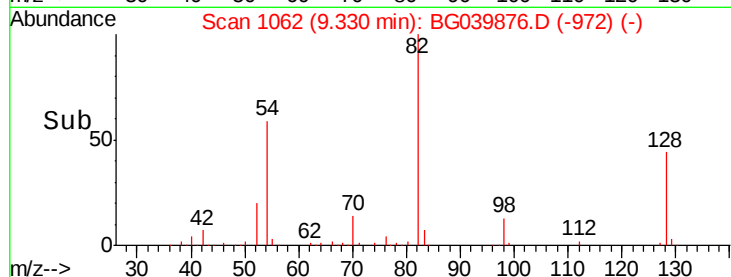
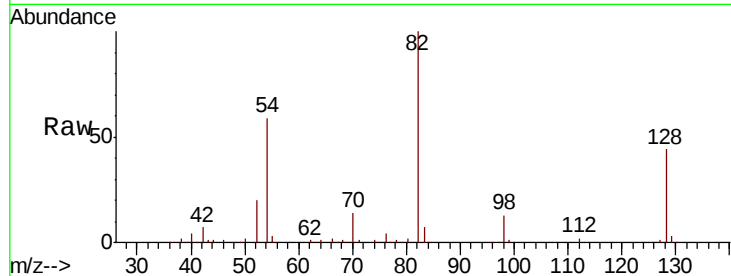




#23  
Nitrobenzene-d5  
Concen: 69.478 ng  
RT: 9.33 min Scan# 1062  
Delta R.T. 0.00 min  
Lab File: BG039876.D  
Acq: 12 Mar 2019 16:15

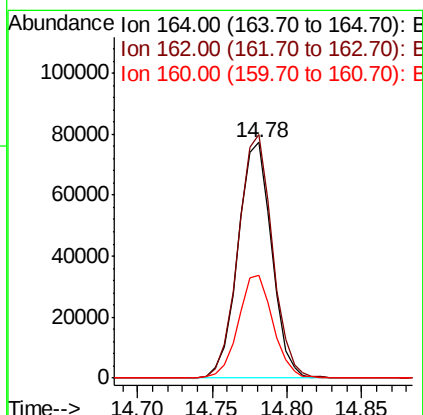
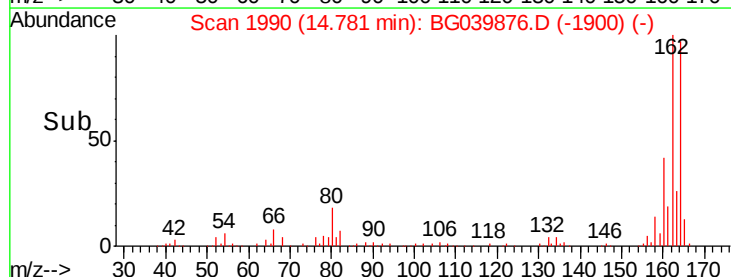
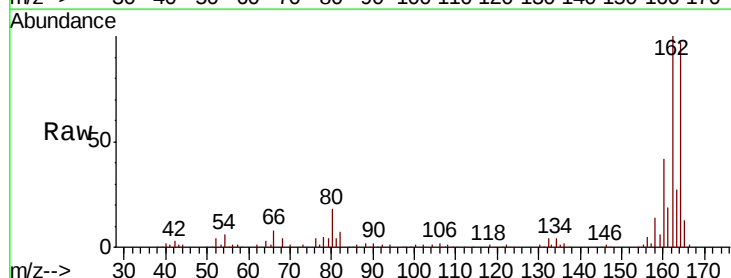
Instrument :  
BNA\_G  
ClientSampleId :  
ETGI-294

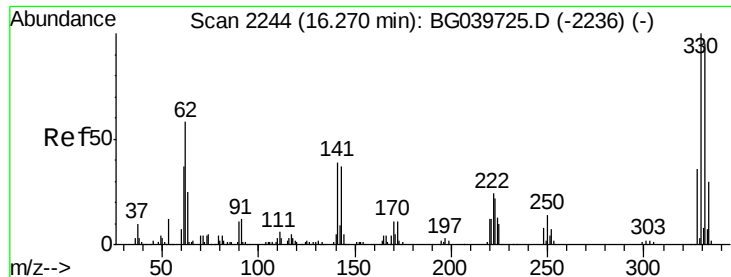
Tot Ion: 82 Resp: 215885  
Ion Ratio Lower Upper  
82 100  
128 44.0 31.3 46.9  
54 59.4 50.9 76.3



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.78 min Scan# 1990  
Delta R.T. 0.00 min  
Lab File: BG039876.D  
Acq: 12 Mar 2019 16:15

Tgt Ion:164 Resp: 120852  
Ion Ratio Lower Upper  
164 100  
162 103.4 81.6 122.4  
160 43.6 34.2 51.2

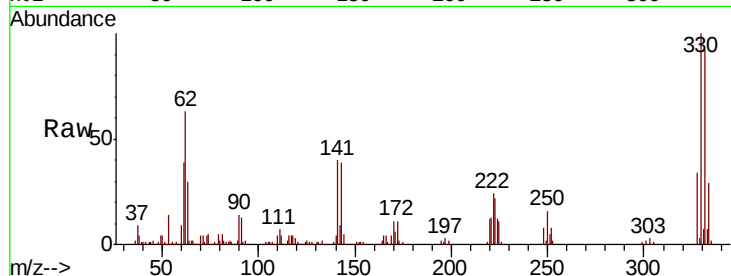




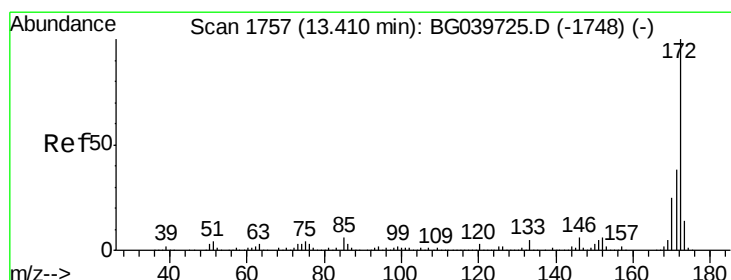
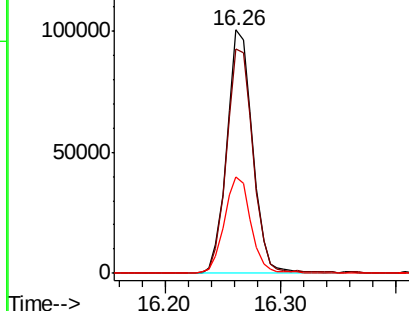
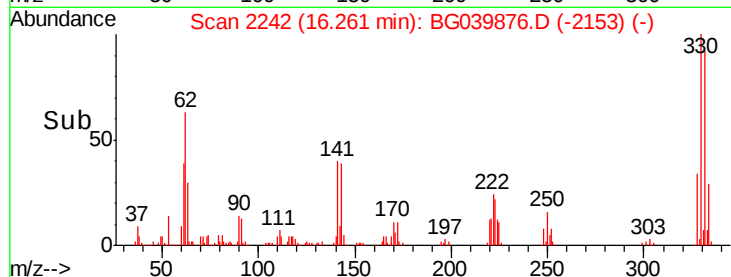
#42  
 2,4,6-Tribromophenol  
 Concen: 109.696 ng  
 RT: 16.26 min Scan# 2242  
 Delta R.T. -0.01 min  
 Lab File: BG039876.D  
 Acq: 12 Mar 2019 16:15

Instrument :  
 BNA\_G  
 ClientSampled :  
 ETGI-294

Tot Ion:330 Resp: 154520  
 Ion Ratio Lower Upper  
 330 100  
 332 95.2 75.7 113.5  
 141 41.2 35.6 53.4

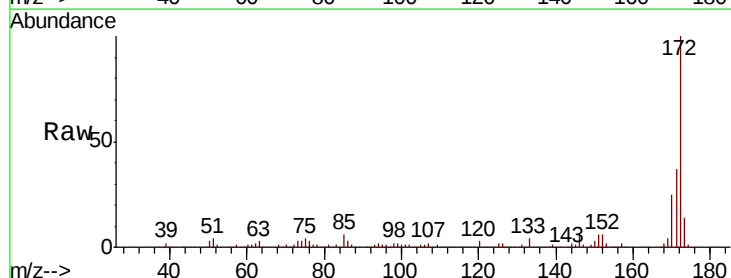


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

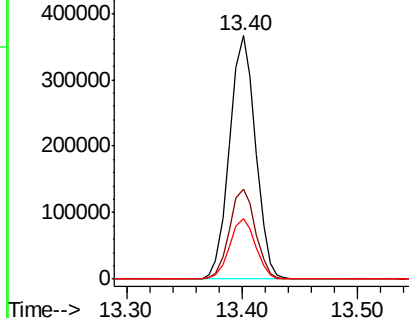
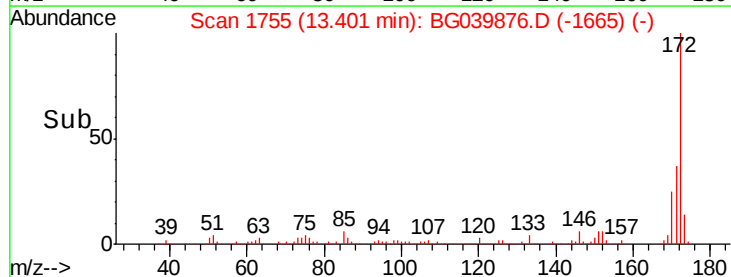


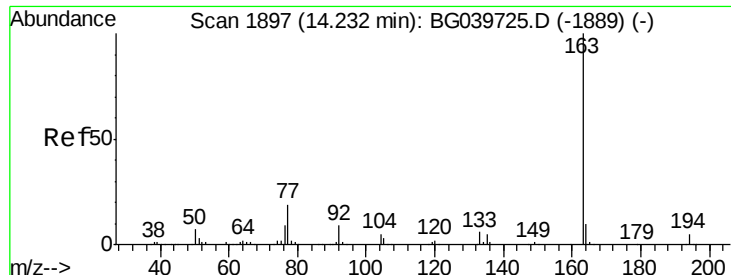
#45  
 2-Fluorobiphenyl  
 Concen: 67.468 ng  
 RT: 13.40 min Scan# 1755  
 Delta R.T. 0.00 min  
 Lab File: BG039876.D  
 Acq: 12 Mar 2019 16:15

Tgt Ion:172 Resp: 572653  
 Ion Ratio Lower Upper  
 172 100  
 171 36.9 30.8 46.2  
 170 24.7 20.2 30.4



Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 4.577 ng

RT: 14.22 min Scan# 1894

Delta R.T. -0.01 min

Lab File: BG039876.D

Acq: 12 Mar 2019 16:15

Instrument :

BNA\_G

ClientSampleId :

ETGI-294

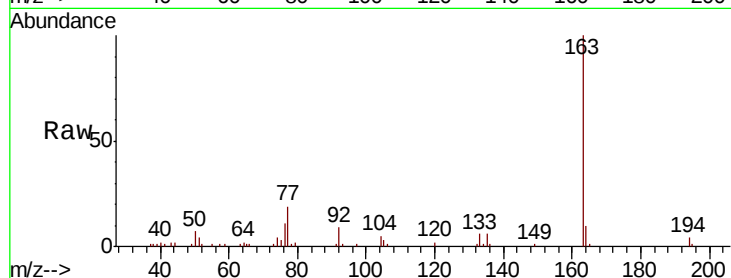
Tot Ion:163 Resp: 46256

Ion Ratio Lower Upper

163 100

194 4.2 3.6 5.4

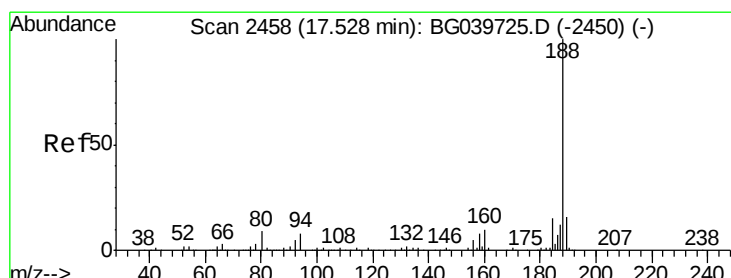
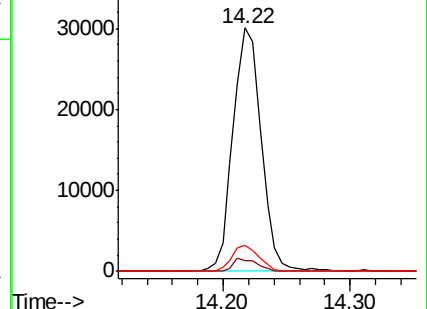
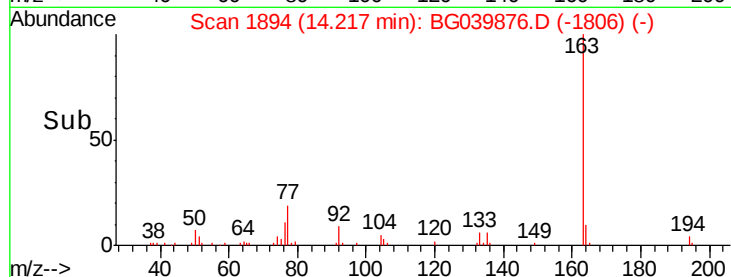
164 10.4 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.52 min Scan# 2457

Delta R.T. 0.00 min

Lab File: BG039876.D

Acq: 12 Mar 2019 16:15

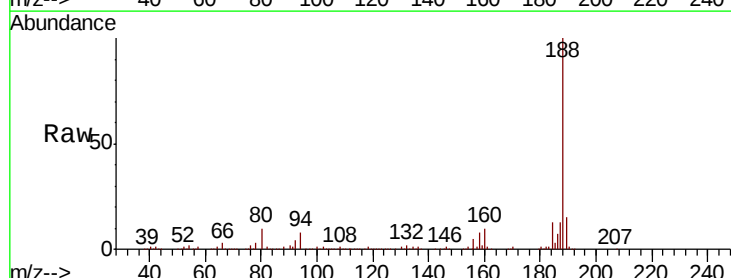
Tgt Ion:188 Resp: 300001

Ion Ratio Lower Upper

188 100

94 7.7 6.9 10.3

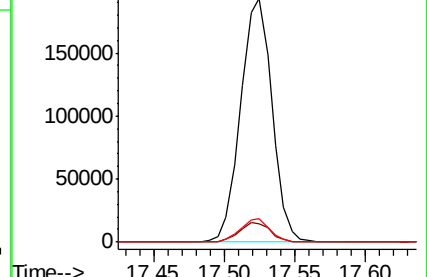
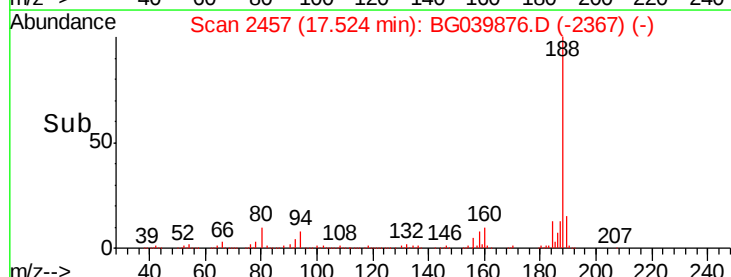
80 9.7 8.1 12.1

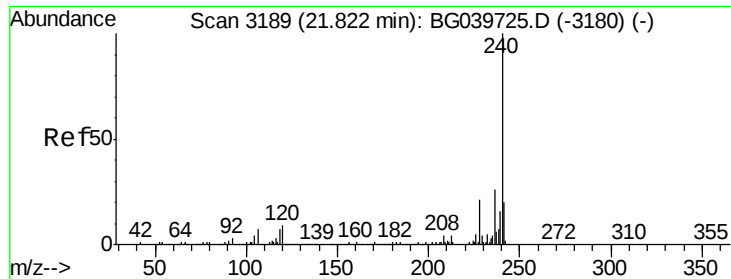


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

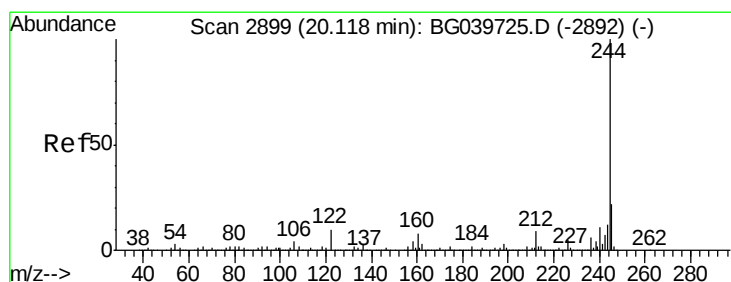
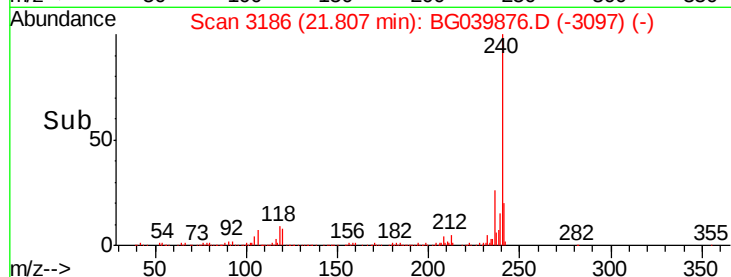
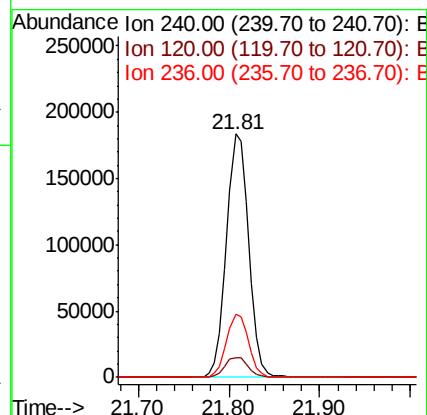
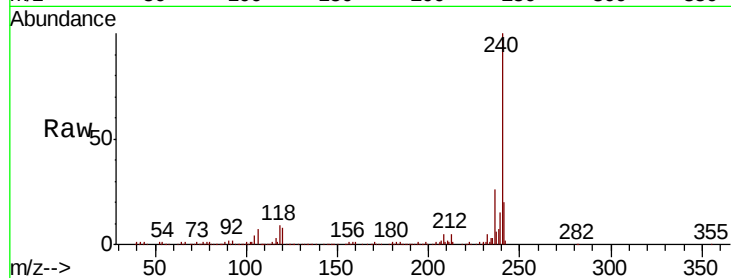




#76  
 Chrvsene-d12  
 Concen: 20.000 ng  
 RT: 21.81 min Scan# 3186  
 Delta R.T. -0.01 min  
 Lab File: BG039876.D  
 Acq: 12 Mar 2019 16:15

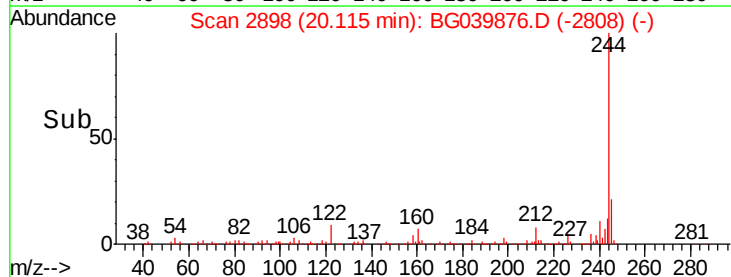
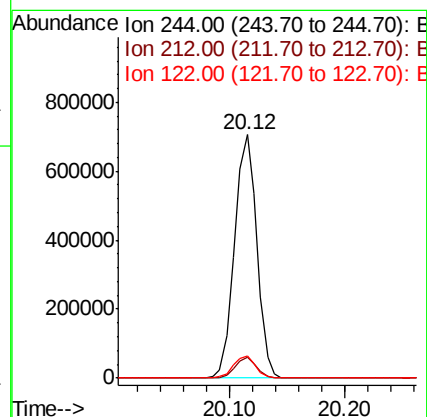
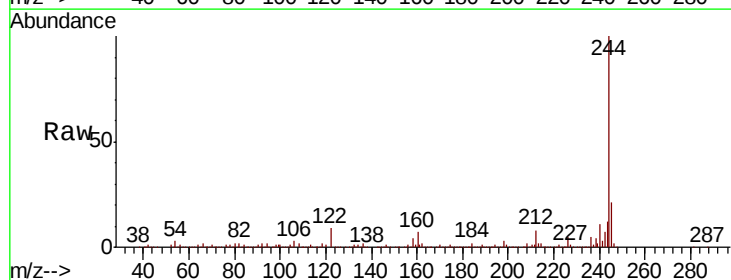
Instrument :  
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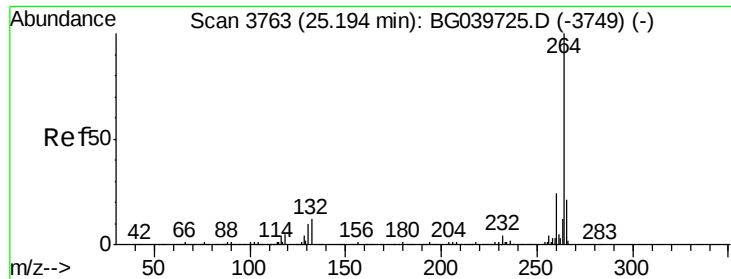
Tot Ion:240 Resp: 312202  
 Ion Ratio Lower Upper  
 240 100  
 120 8.1 7.0 10.6  
 236 25.8 21.0 31.4



#79  
 Terphenyl-d14  
 Concen: 66.362 ng  
 RT: 20.12 min Scan# 2898  
 Delta R.T. 0.00 min  
 Lab File: BG039876.D  
 Acq: 12 Mar 2019 16:15

Tgt Ion:244 Resp: 940978  
 Ion Ratio Lower Upper  
 244 100  
 212 8.3 7.3 10.9  
 122 8.9 8.4 12.6





#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 25.18 min Scan# 3760  
Delta R.T. -0.01 min  
Lab File: BG039876.D  
Acq: 12 Mar 2019 16:15

Instrument :  
BNA\_G  
ClientSampleId :  
ETGI-294

Tot Ion: 264 Resp: 304591  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.4  | 18.2  | 27.4  |
| 265 | 21.4  | 18.5  | 27.7  |

