

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG060515\  
 Data File : BG017480.D  
 Acq On : 5 Jun 2015 19:07  
 Operator : TP/IZ  
 Sample : G2505-01  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BE-1

Quant Time: Jun 06 00:01:35 2015  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG060315.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 05 22:50:24 2015  
 Response via : Initial Calibration

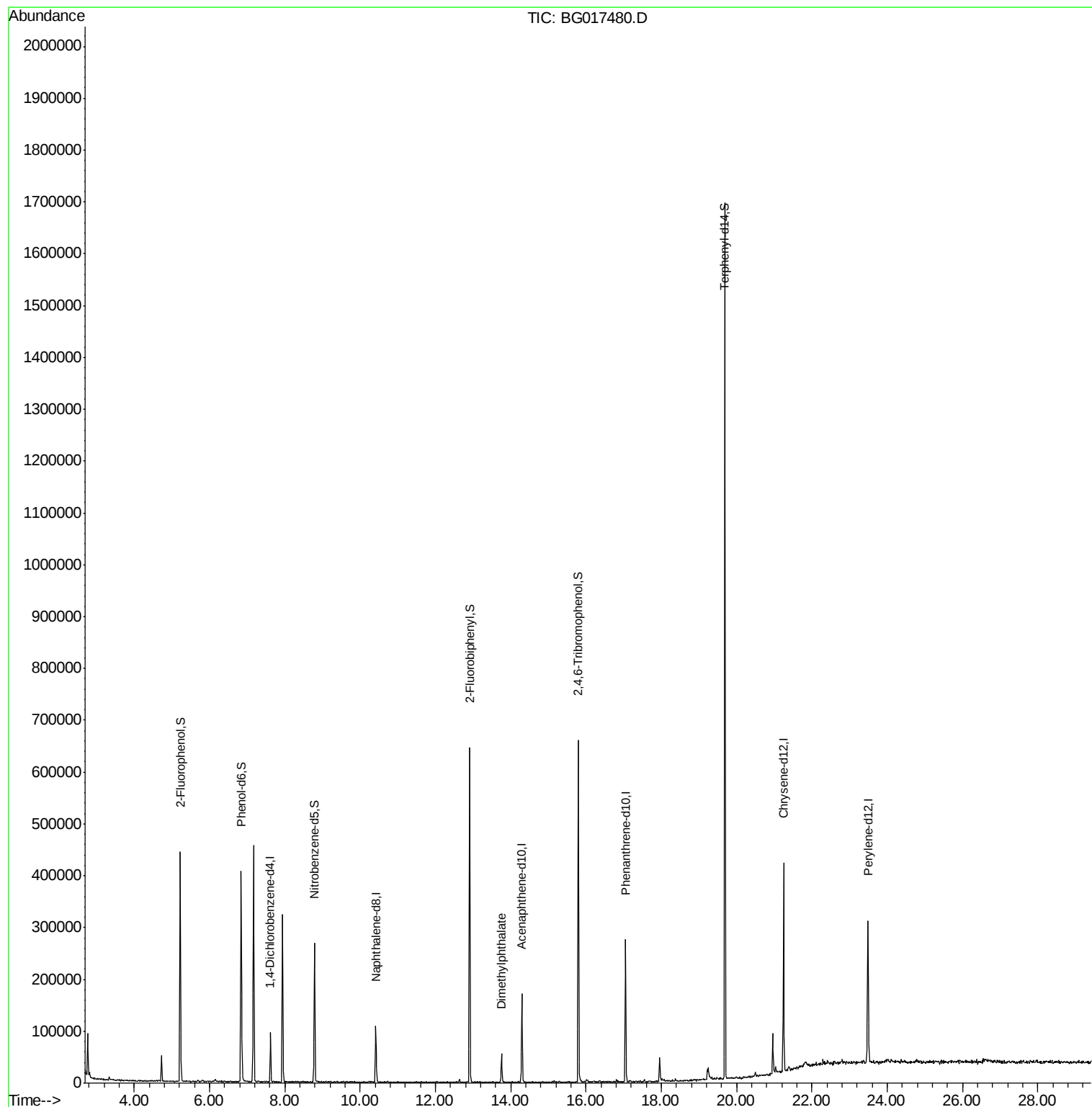
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)       |
|-----------------------------|-------|------|----------|--------|-------|----------------|
| 1) 1,4-Dichlorobenzene-d4   | 7.62  | 152  | 21945    | 20.00  | ng    | 0.00           |
| 21) Naphthalene-d8          | 10.42 | 136  | 82510    | 20.00  | ng    | 0.00           |
| 38) Acenaphthene-d10        | 14.29 | 164  | 55194    | 20.00  | ng    | 0.00           |
| 63) Phenanthrene-d10        | 17.05 | 188  | 139102   | 20.00  | ng    | 0.00           |
| 75) Chrysene-d12            | 21.25 | 240  | 189075   | 20.00  | ng    | 0.00           |
| 86) Perylene-d12            | 23.49 | 264  | 185569   | 20.00  | ng    | 0.00           |
| System Monitoring Compounds |       |      |          |        |       |                |
| 5) 2-Fluorophenol           | 5.22  | 112  | 149277   | 119.84 | ng    | 0.00           |
| 7) Phenol-d6                | 6.84  | 99   | 188469   | 111.06 | ng    | 0.00           |
| 23) Nitrobenzene-d5         | 8.79  | 82   | 130509   | 78.96  | ng    | 0.00           |
| 41) 2,4,6-Tribromophenol    | 15.80 | 330  | 98561    | 128.57 | ng    | 0.00           |
| 44) 2-Fluorobiphenyl        | 12.91 | 172  | 282176   | 77.12  | ng    | 0.00           |
| 78) Terphenyl-d14           | 19.69 | 244  | 633055   | 69.20  | ng    | 0.00           |
| Target Compounds            |       |      |          |        |       |                |
| 49) Dimethylphthalate       | 13.76 | 163  | 32189    | 6.70   | ng    | Qvalue<br># 94 |

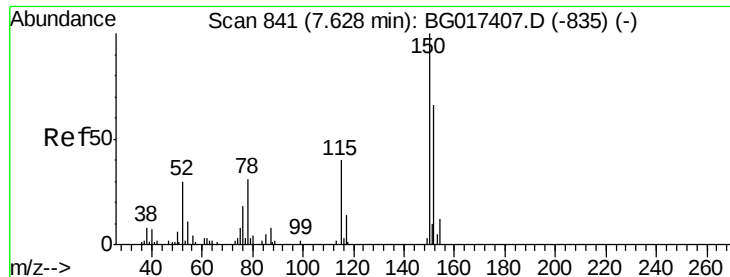
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG060515\  
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Misc :  
ALS Vial : 9 Sample Multiplier: 1

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BNA\_G  
ClientSampleId :  
BE-1

Quant Time: Jun 06 00:01:35 2015  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG060315.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Jun 05 22:50:24 2015  
Response via : Initial Calibration



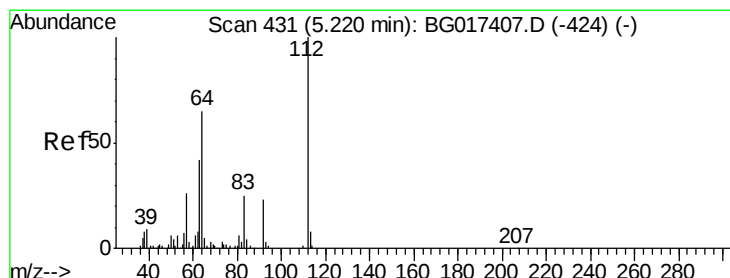
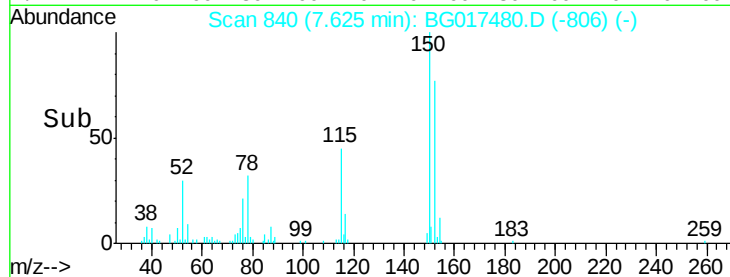
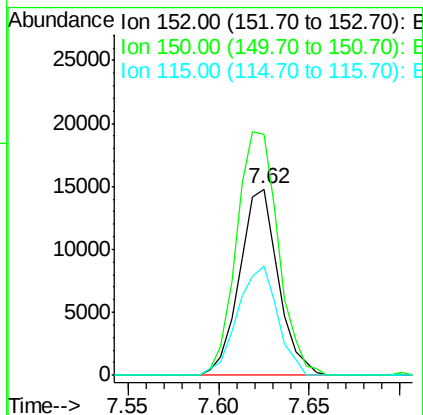
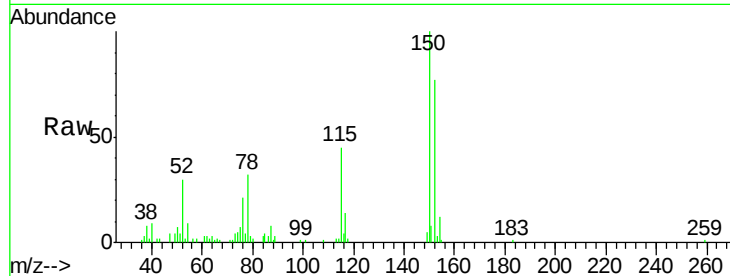


#1

1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.62 min Scan# 840  
Delta R.T. 0.00 min  
Lab File: BG017480.D  
Acq: 5 Jun 2015 19:07

Instrument :  
BNA\_G  
ClientSampleId :  
BE-1

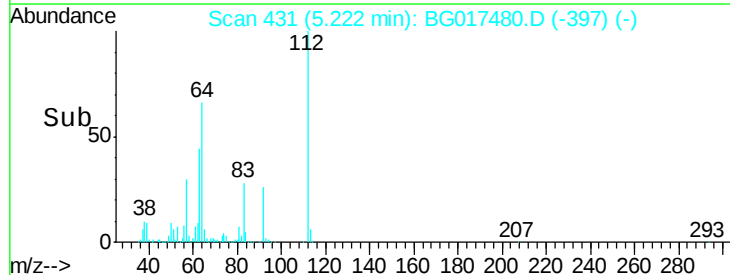
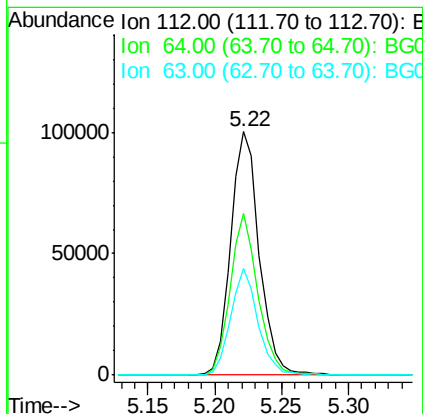
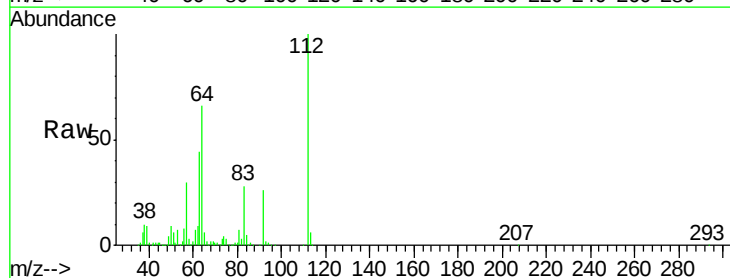
Tgt Ion:152 Resp: 21945  
Ion Ratio Lower Upper  
152 100  
150 129.3 121.7 182.5  
115 58.8 48.6 73.0



#5

2-Fluorophenol  
Concen: 119.84 ng  
RT: 5.22 min Scan# 431  
Delta R.T. 0.00 min  
Lab File: BG017480.D  
Acq: 5 Jun 2015 19:07

Tgt Ion:112 Resp: 149277  
Ion Ratio Lower Upper  
112 100  
64 66.2 51.6 77.4  
63 43.6 33.3 49.9





#7

Phenol-d6

Concen: 111.06 ng

RT: 6.84 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG017480.D

Acq: 5 Jun 2015 19:07

Instrument :

BNA\_G

ClientSampleId :

BE-1

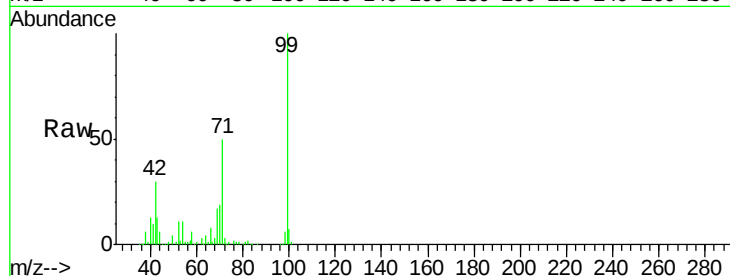
Tgt Ion: 99 Resp: 188469

Ion Ratio Lower Upper

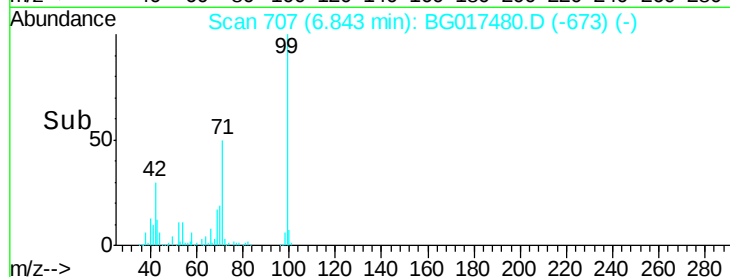
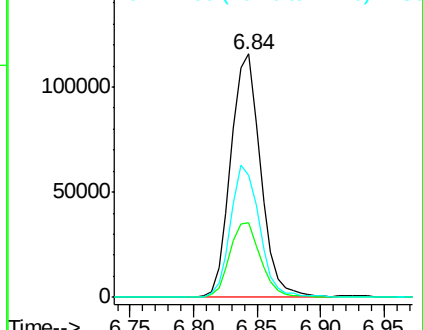
99 100

42 30.4 21.0 31.6

71 49.9 37.2 55.8



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: 20.00 ng

RT: 10.42 min Scan# 1316

Delta R.T. 0.00 min

Lab File: BG017480.D

Acq: 5 Jun 2015 19:07

Tgt Ion: 136 Resp: 82510

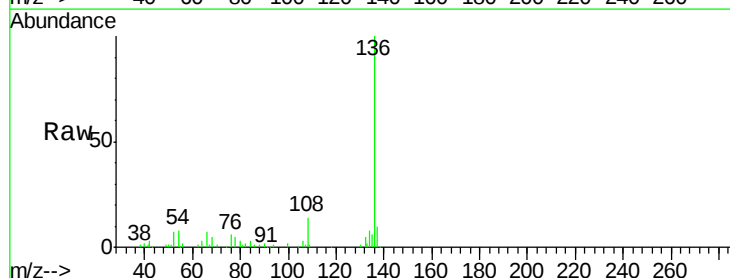
Ion Ratio Lower Upper

136 100

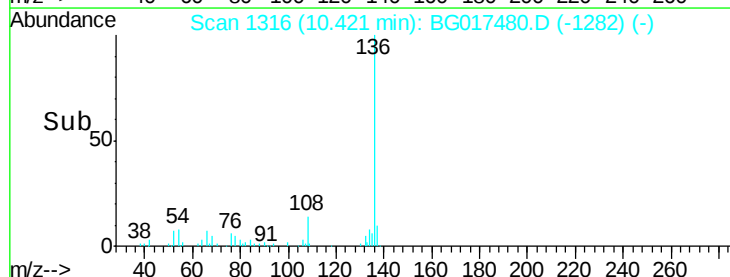
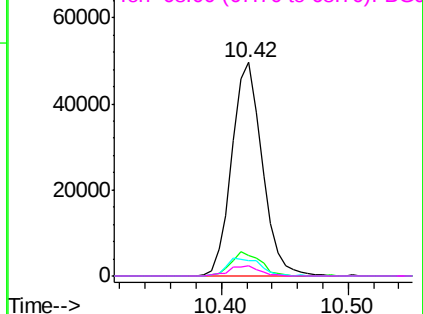
137 9.7 7.9 11.9

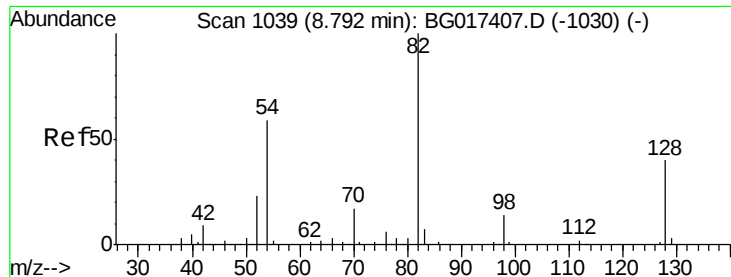
54 7.5 7.2 10.8

68 4.9 4.5 6.7



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

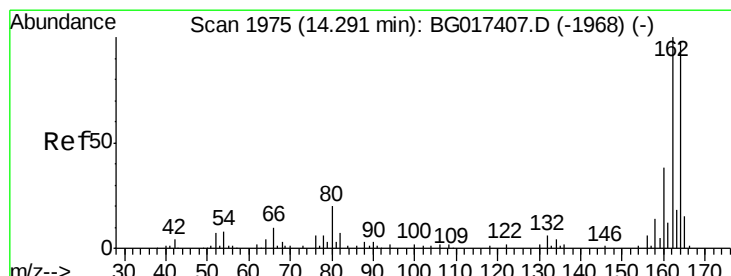
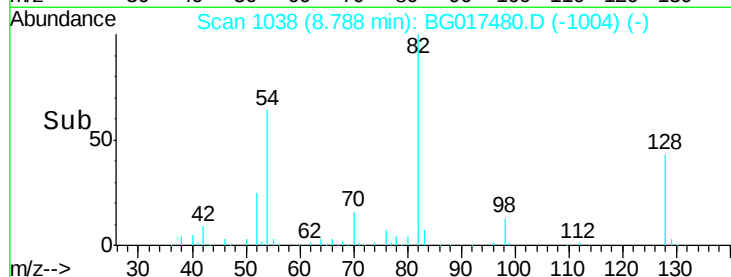
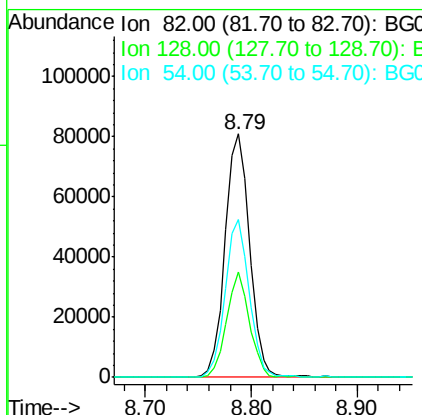
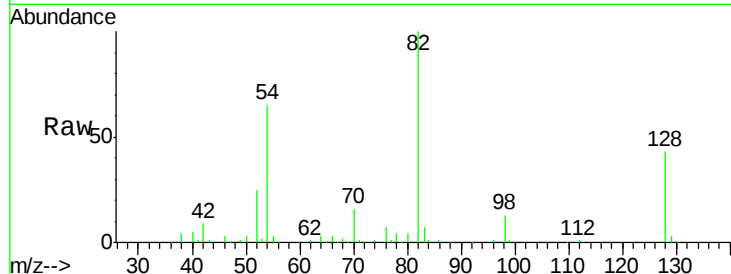




#23  
 Nitrobenzene-d5  
 Concen: 78.96 ng  
 RT: 8.79 min Scan# 1038  
 Delta R.T. 0.00 min  
 Lab File: BG017480.D  
 Acq: 5 Jun 2015 19:07

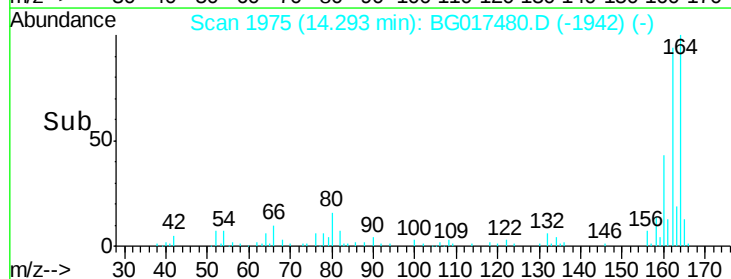
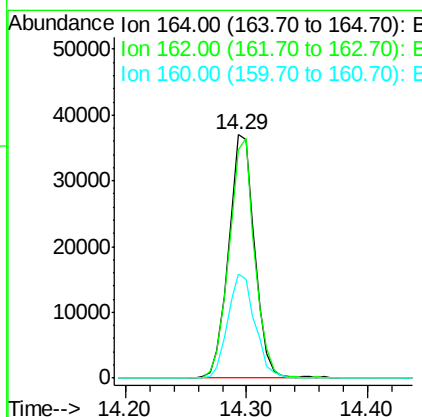
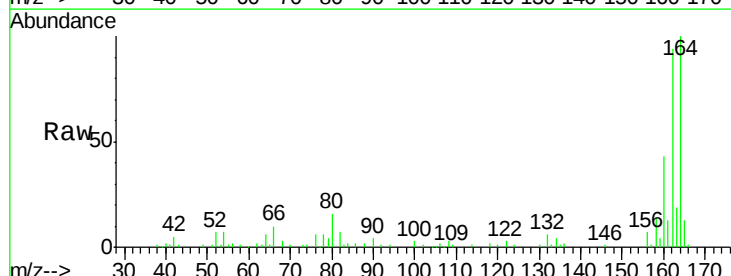
Instrument :  
 BNA\_G  
 ClientSampled :  
 BE-1

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 43.3  | 32.2  | 48.4  |
| 54      | 64.7  | 47.4  | 71.2  |



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 14.29 min Scan# 1975  
 Delta R.T. -0.00 min  
 Lab File: BG017480.D  
 Acq: 5 Jun 2015 19:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 93.8  | 81.8  | 122.6 |
| 160     | 42.5  | 31.0  | 46.4  |

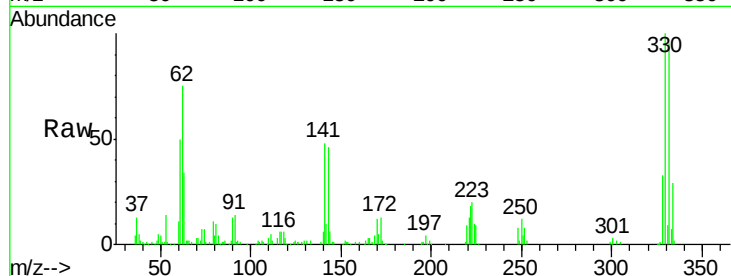




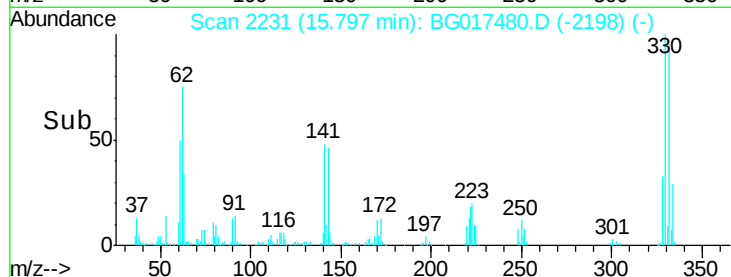
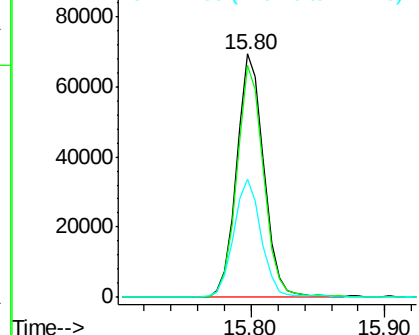
#41  
 2,4,6-Tribromophenol  
 Concen: 128.57 ng  
 RT: 15.80 min Scan# 2231  
 Delta R.T. -0.00 min  
 Lab File: BG017480.D  
 Acq: 5 Jun 2015 19:07

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BE-1

Tgt Ion:330 Resp: 98561  
 Ion Ratio Lower Upper  
 330 100  
 332 93.9 75.9 113.9  
 141 49.3 40.2 60.4

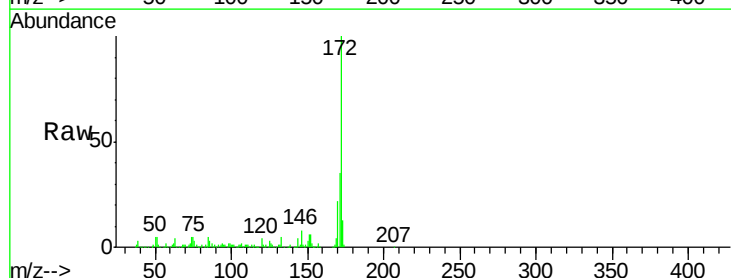


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

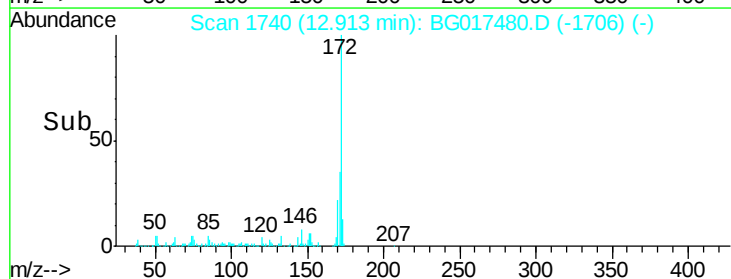
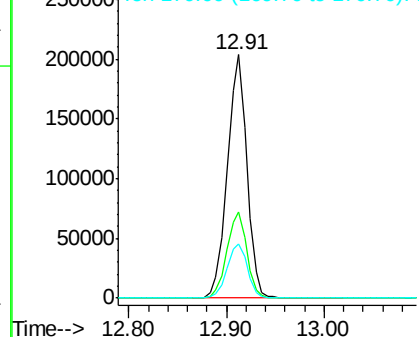


#44  
 2-Fluorobiphenyl  
 Concen: 77.12 ng  
 RT: 12.91 min Scan# 1740  
 Delta R.T. 0.00 min  
 Lab File: BG017480.D  
 Acq: 5 Jun 2015 19:07

Tgt Ion:172 Resp: 282176  
 Ion Ratio Lower Upper  
 172 100  
 171 35.2 29.0 43.6  
 170 22.4 18.9 28.3



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





#49

Dimethylphthalate

Concen: 6.70 ng

RT: 13.76 min Scan# 1884

Delta R.T. -0.00 min

Lab File: BG017480.D

Acq: 5 Jun 2015 19:07

Instrument :

BNA\_G

ClientSampleId :

BE-1

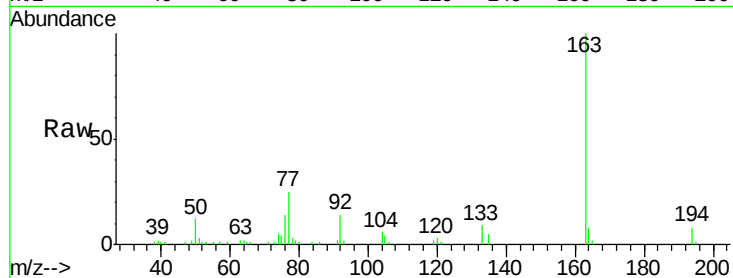
Tgt Ion:163 Resp: 32189

Ion Ratio Lower Upper

163 100

194 8.1 4.9 7.3#

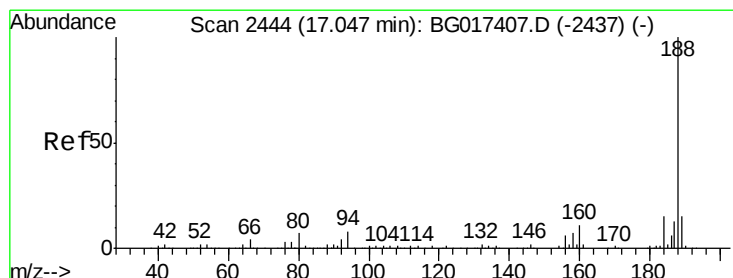
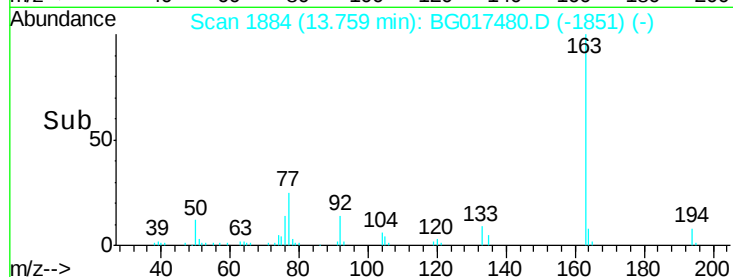
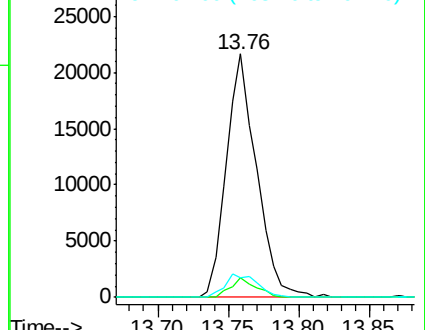
164 7.9 8.2 12.2#



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.05 min Scan# 2444

Delta R.T. 0.00 min

Lab File: BG017480.D

Acq: 5 Jun 2015 19:07

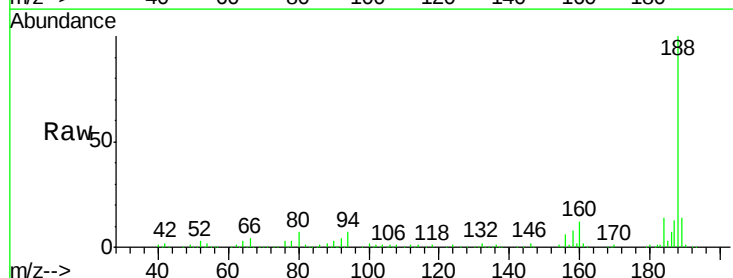
Tgt Ion:188 Resp: 139102

Ion Ratio Lower Upper

188 100

94 7.1 6.3 9.5

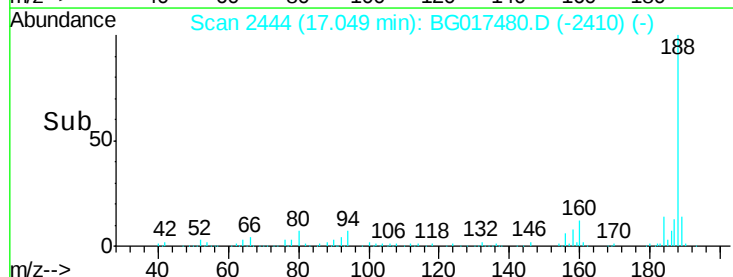
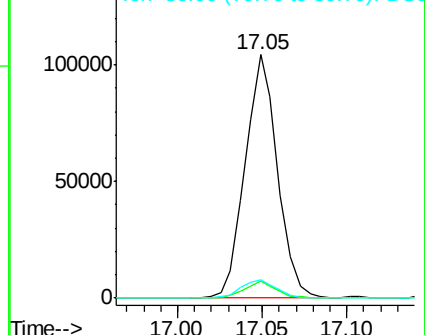
80 7.4 5.2 7.8

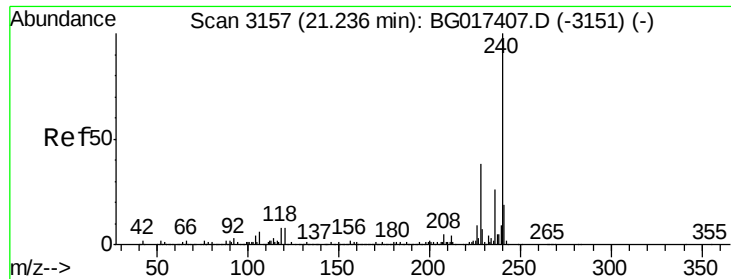


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0

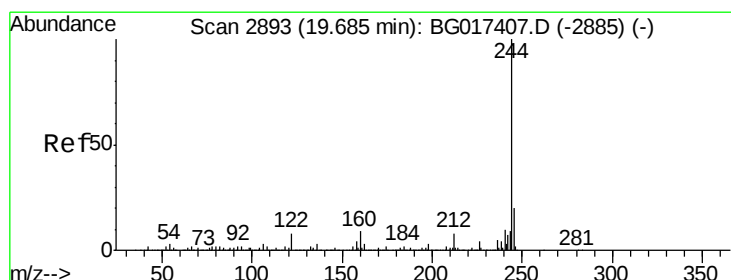
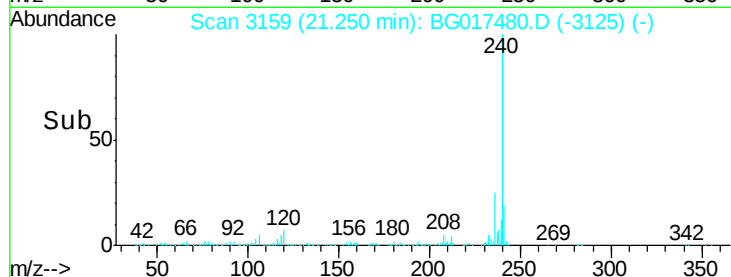
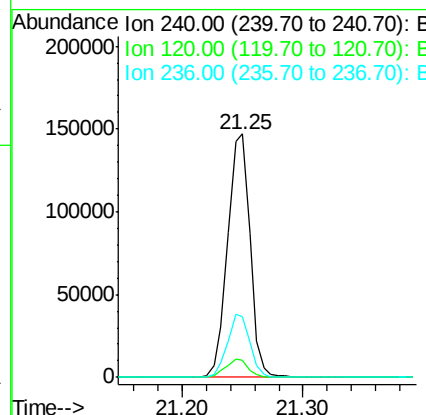
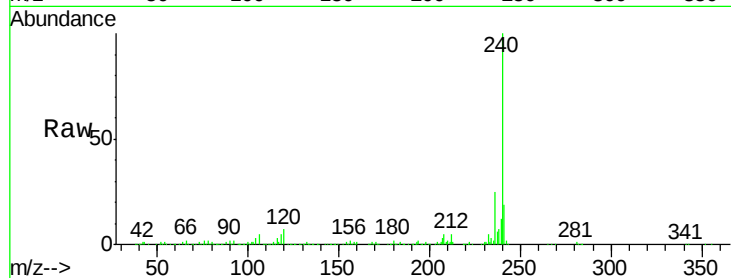




#75  
 Chrysene-d12  
 Concen: 20.00 ng  
 RT: 21.25 min Scan# 3159  
 Delta R.T. 0.00 min  
 Lab File: BG017480.D  
 Acq: 5 Jun 2015 19:07

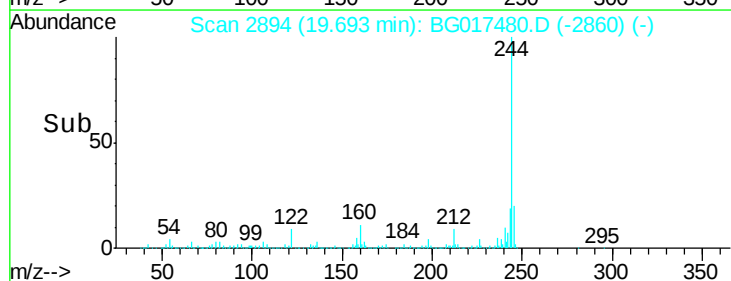
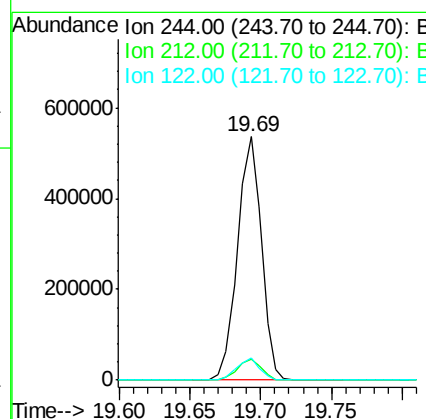
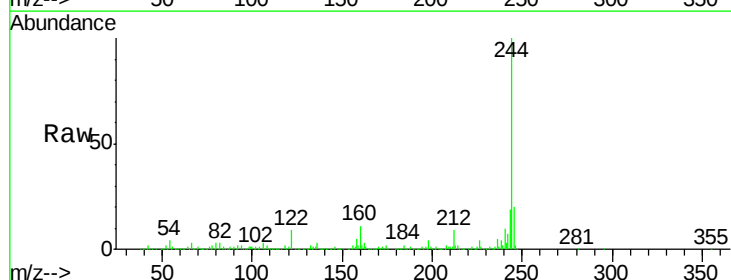
Instrument :  
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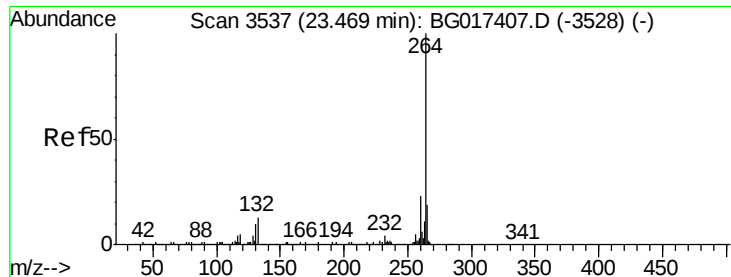
Tgt Ion:240 Resp: 189075  
 Ion Ratio Lower Upper  
 240 100  
 120 6.8 6.5 9.7  
 236 24.9 20.8 31.2



#78  
 Terphenyl-d14  
 Concen: 69.20 ng  
 RT: 19.69 min Scan# 2894  
 Delta R.T. 0.00 min  
 Lab File: BG017480.D  
 Acq: 5 Jun 2015 19:07

Tgt Ion:244 Resp: 633055  
 Ion Ratio Lower Upper  
 244 100  
 212 8.7 6.4 9.6  
 122 9.1 6.6 10.0

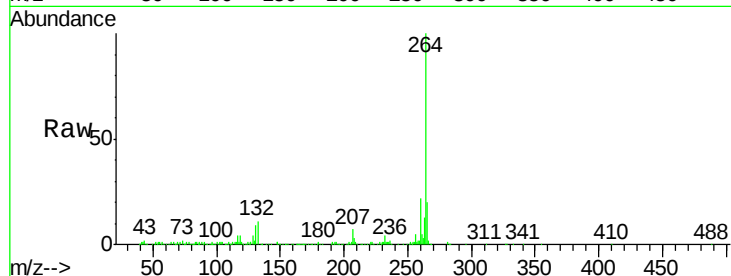




#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 23.49 min Scan# 3541  
Delta R.T. 0.01 min  
Lab File: BG017480.D  
Acq: 5 Jun 2015 19:07

Instrument :  
BNA\_G  
ClientSampleId :  
BE-1

Tgt Ion: 264 Resp: 185569  
Ion Ratio Lower Upper  
264 100  
260 21.8 18.2 27.4  
265 20.5 15.8 23.6



Abundance Ion 264.00 (263.70 to 264.70): E  
Ion 260.00 (259.70 to 260.70): E  
Ion 265.00 (264.70 to 265.70): E

