

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG051115\  
 Data File : BG017067.D  
 Acq On : 12 May 2015 1:34  
 Operator : TP/IZ  
 Sample : G2143-01  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MW-16R

Quant Time: May 12 05:10:49 2015  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG050515.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue May 12 04:56:17 2015  
 Response via : Initial Calibration

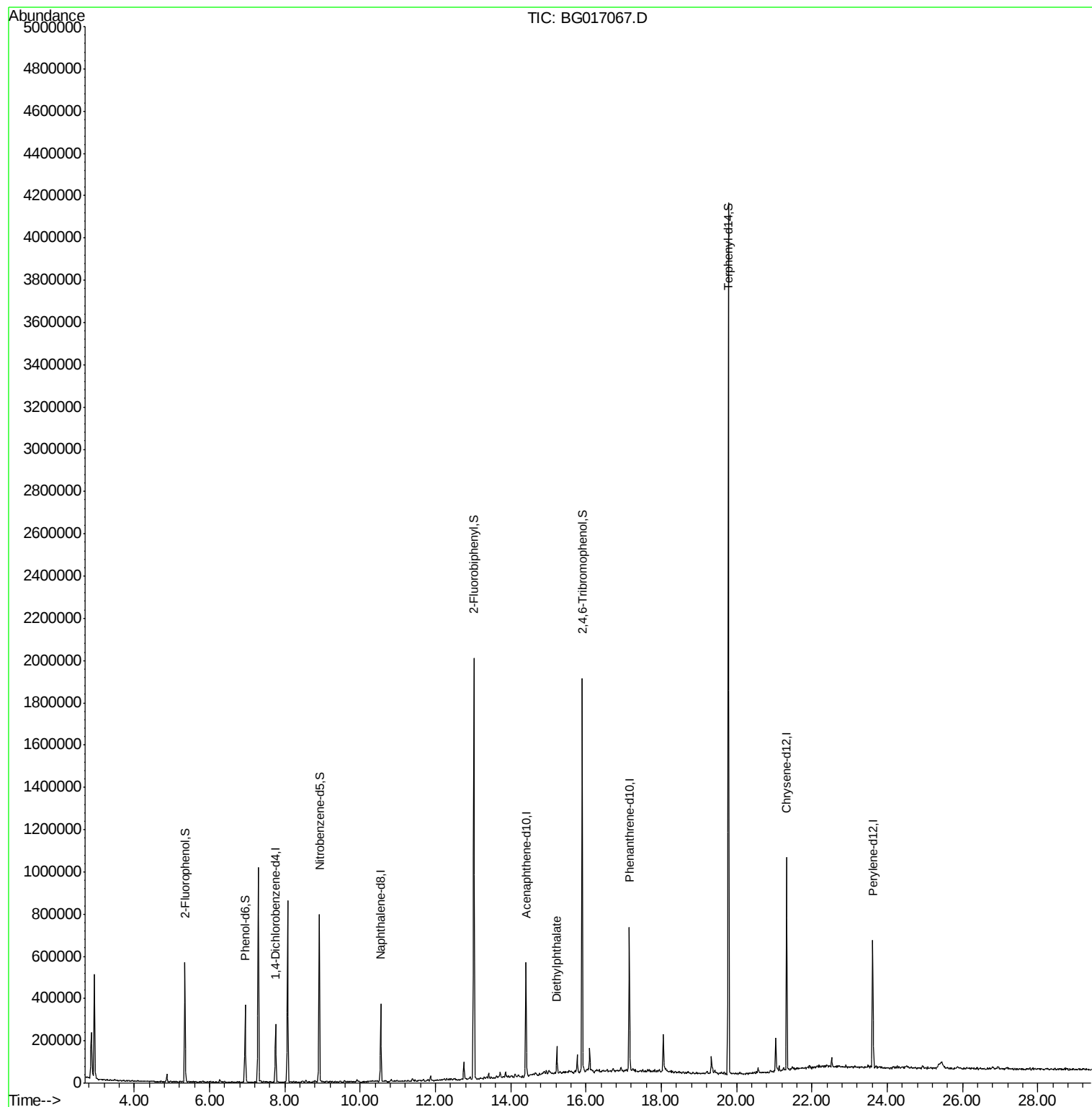
| Internal Standards          | R.T.  | QIon | Response | Conc      | Units | Dev(Min)    |
|-----------------------------|-------|------|----------|-----------|-------|-------------|
| 1) 1,4-Dichlorobenzene-d4   | 7.75  | 152  | 63589    | 20.00     | ng    | 0.00        |
| 21) Naphthalene-d8          | 10.55 | 136  | 260924   | 20.00     | ng    | 0.00        |
| 38) Acenaphthene-d10        | 14.40 | 164  | 166837   | 20.00     | ng    | 0.00        |
| 63) Phenanthrene-d10        | 17.15 | 188  | 366325   | 20.00     | ng    | 0.00        |
| 75) Chrysene-d12            | 21.33 | 240  | 423959   | 20.00     | ng    | 0.00        |
| 86) Perylene-d12            | 23.62 | 264  | 406099   | 20.00     | ng    | 0.00        |
| System Monitoring Compounds |       |      |          |           |       |             |
| 5) 2-Fluorophenol           | 5.34  | 112  | 197295   | 54.02     | ng    | 0.00        |
| 7) Phenol-d6                | 6.95  | 99   | 164876   | 31.60     | ng    | 0.00        |
| 23) Nitrobenzene-d5         | 8.92  | 82   | 414274   | 77.56     | ng    | 0.00        |
| 41) 2,4,6-Tribromophenol    | 15.90 | 330  | 263495   | 157.32    | ng    | 0.00        |
| 44) 2-Fluorobiphenyl        | 13.02 | 172  | 882154   | 79.79     | ng    | 0.00        |
| 78) Terphenyl-d14           | 19.78 | 244  | 1548115  | 85.60     | ng    | 0.00        |
| Target Compounds            |       |      |          |           |       |             |
| 32) Benzoic acid            | 9.88  | 122  | 57       | Below Cal |       | Qvalue # 39 |
| 59) Diethylphthalate        | 15.23 | 149  | 62060    | 4.72 ng   |       | 98          |

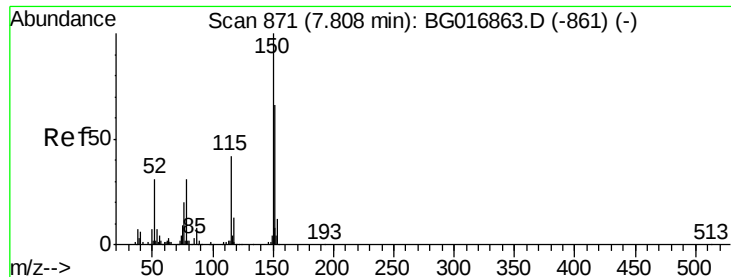
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG051115\  
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Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
MW-16R

Quant Time: May 12 05:10:49 2015  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG050515.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue May 12 04:56:17 2015  
Response via : Initial Calibration



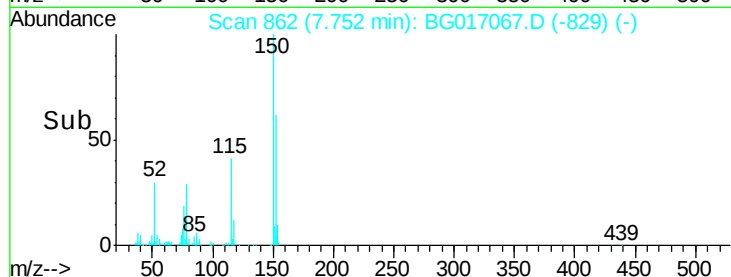
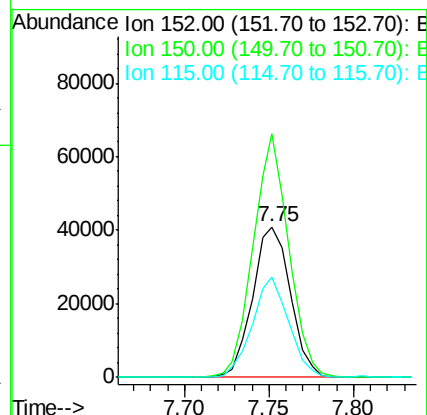
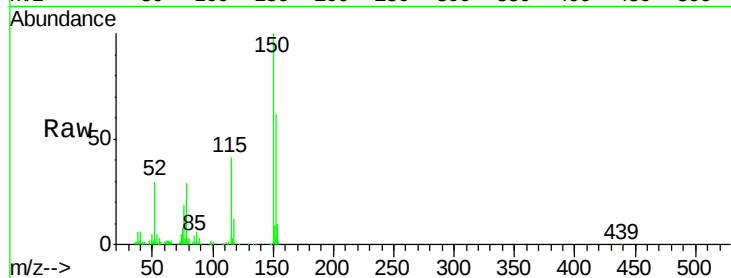


#1

1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.75 min Scan# 862  
Delta R.T. -0.00 min  
Lab File: BG017067.D  
Acq: 12 May 2015 1:34

Instrument :  
BNA\_G  
ClientSampled :  
MW-16R

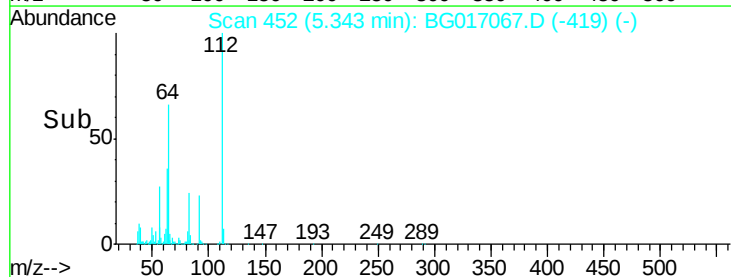
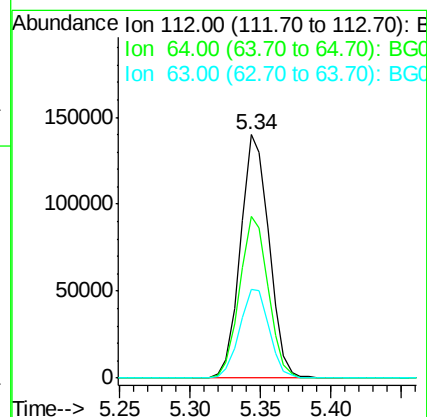
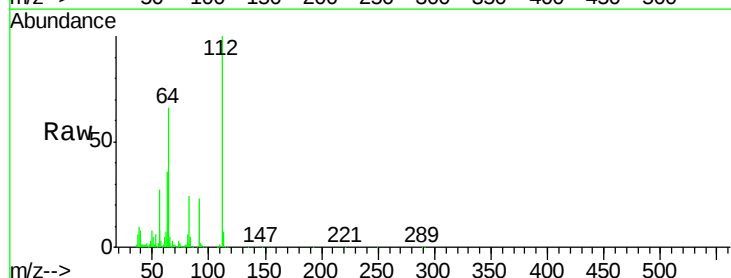
Tgt Ion:152 Resp: 63589  
Ion Ratio Lower Upper  
152 100  
150 161.7 121.0 181.4  
115 66.2 50.5 75.7

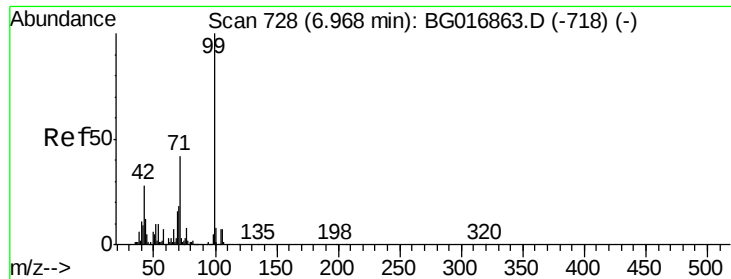


#5

2-Fluorophenol  
Concen: 54.02 ng  
RT: 5.34 min Scan# 452  
Delta R.T. -0.00 min  
Lab File: BG017067.D  
Acq: 12 May 2015 1:34

Tgt Ion:112 Resp: 197295  
Ion Ratio Lower Upper  
112 100  
64 66.2 51.4 77.2  
63 36.3 28.1 42.1





#7

Phenol-d6

Concen: 31.60 ng

RT: 6.95 min Scan# 725

Delta R.T. 0.00 min

Lab File: BG017067.D

Acq: 12 May 2015 1:34

Instrument :

BNA\_G

ClientSampled :

MW-16R

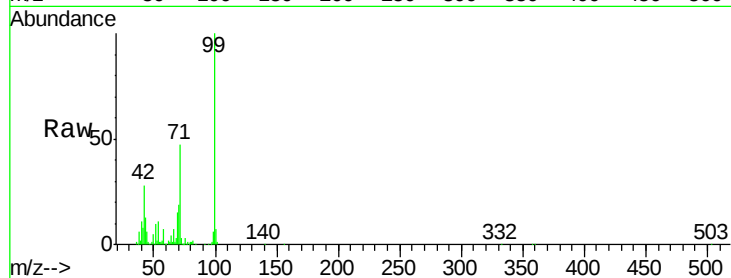
Tgt Ion: 99 Resp: 164876

Ion Ratio Lower Upper

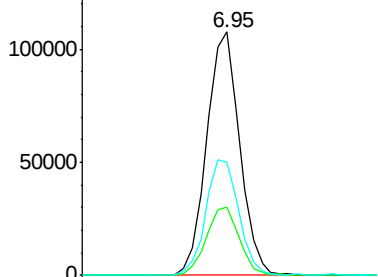
99 100

42 28.0 22.1 33.1

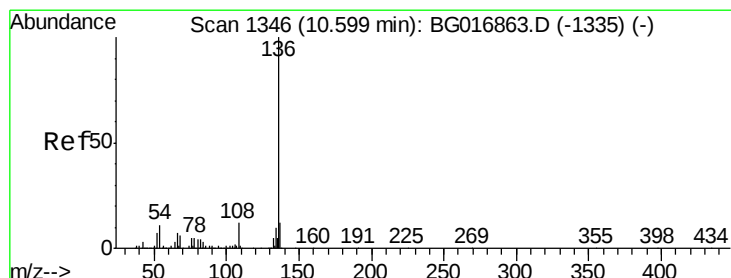
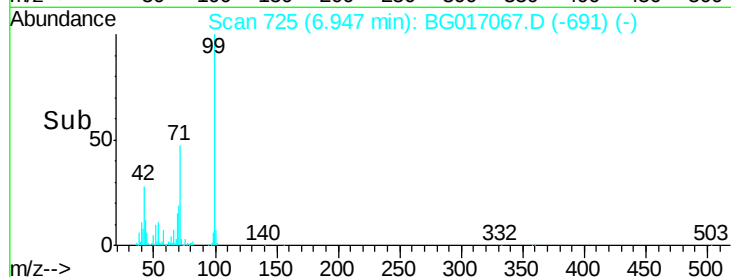
71 46.6 33.4 50.0



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



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.55 min Scan# 1338

Delta R.T. 0.00 min

Lab File: BG017067.D

Acq: 12 May 2015 1:34

Tgt Ion: 136 Resp: 260924

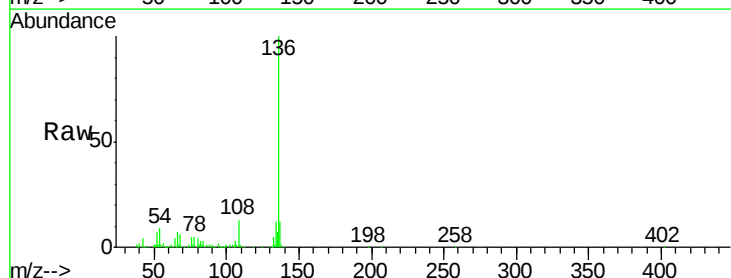
Ion Ratio Lower Upper

136 100

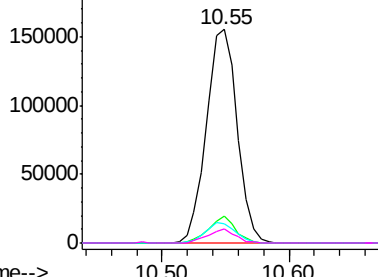
137 12.5 9.8 14.8

54 9.3 8.7 13.1

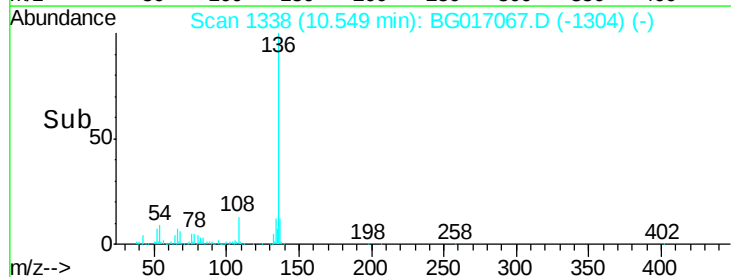
68 6.4 5.0 7.4

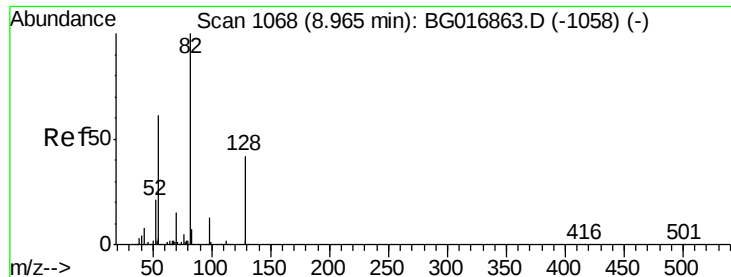


Abundance Ion 136.00 (135.70 to 136.70): BGC  
Ion 137.00 (136.70 to 137.70): BGC  
Ion 54.00 (53.70 to 54.70): BGC  
Ion 68.00 (67.70 to 68.70): BGC



Time-->

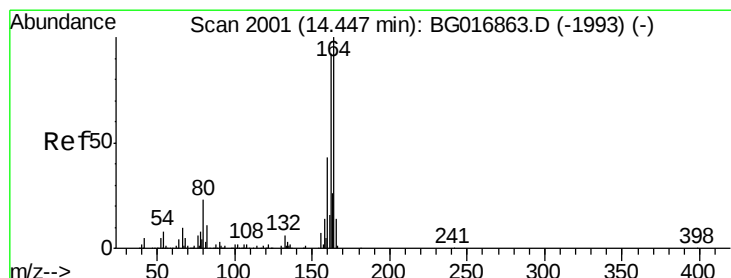
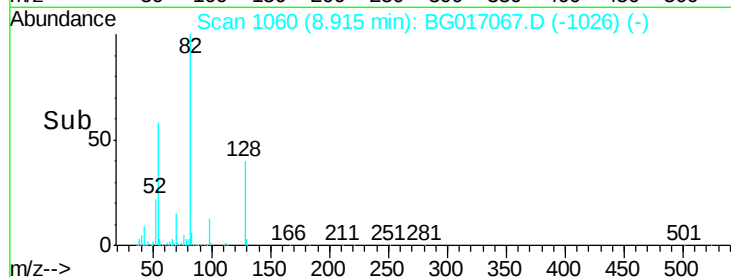
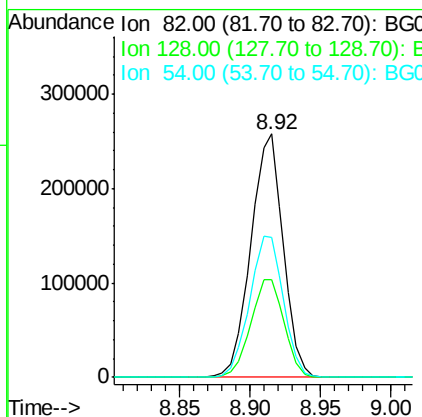
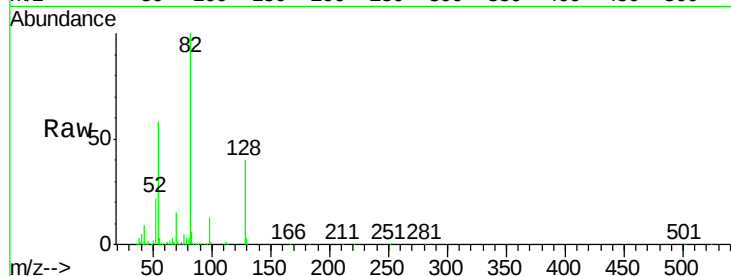




#23  
 Nitrobenzene-d5  
 Concen: 77.56 ng  
 RT: 8.92 min Scan# 1060  
 Delta R.T. 0.00 min  
 Lab File: BG017067.D  
 Acq: 12 May 2015 1:34

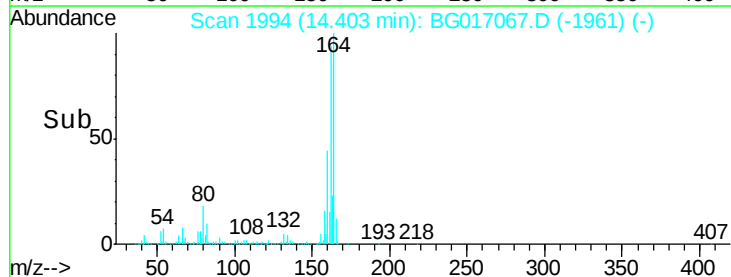
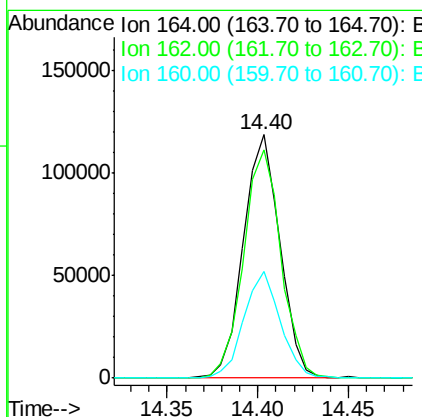
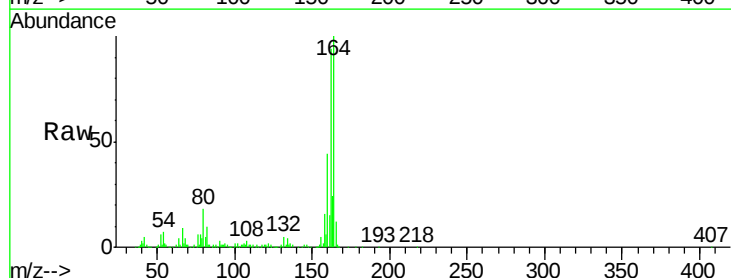
Instrument :  
 BNA\_G  
 ClientSampleId :  
 MW-16R

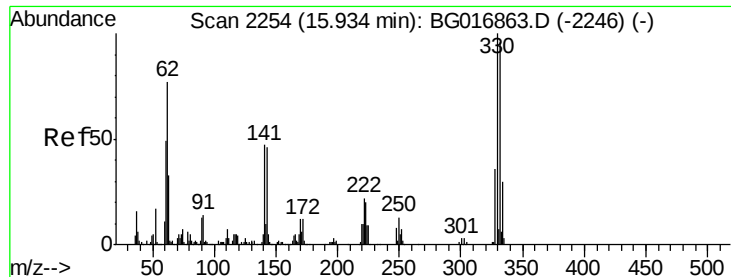
Tgt Ion: 82 Resp: 414274  
 Ion Ratio Lower Upper  
 82 100  
 128 40.2 33.2 49.8  
 54 57.5 48.6 72.8



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 14.40 min Scan# 1994  
 Delta R.T. -0.00 min  
 Lab File: BG017067.D  
 Acq: 12 May 2015 1:34

Tgt Ion: 164 Resp: 166837  
 Ion Ratio Lower Upper  
 164 100  
 162 93.8 74.0 111.0  
 160 43.8 34.7 52.1

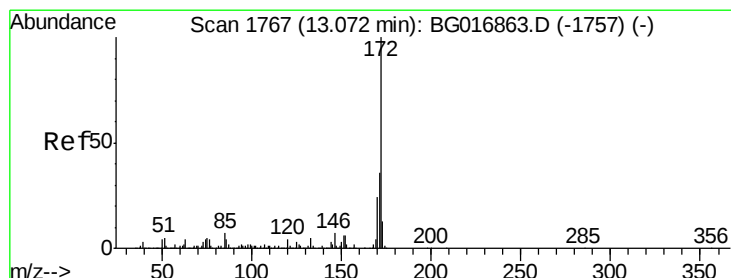
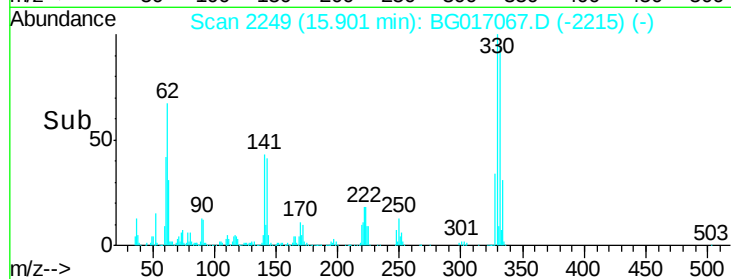
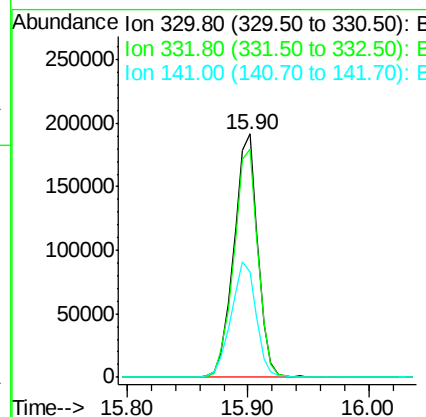
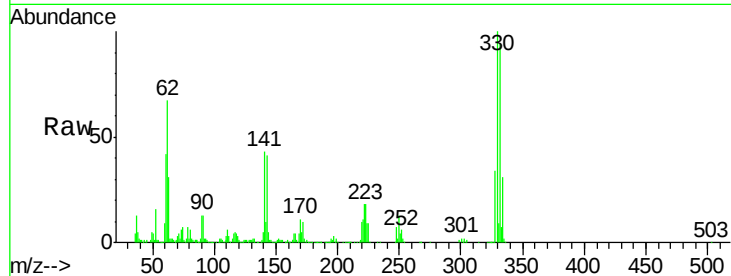




#41  
 2,4,6-Tribromophenol  
 Concen: 157.32 ng  
 RT: 15.90 min Scan# 2249  
 Delta R.T. 0.00 min  
 Lab File: BG017067.D  
 Acq: 12 May 2015 1:34

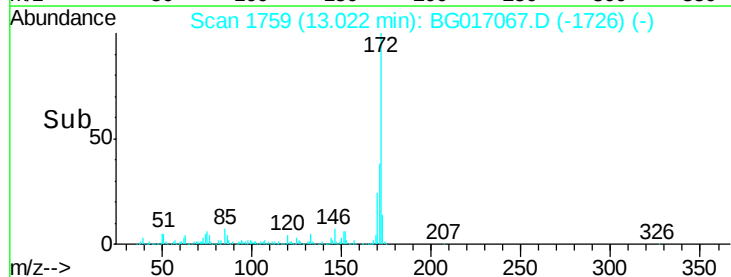
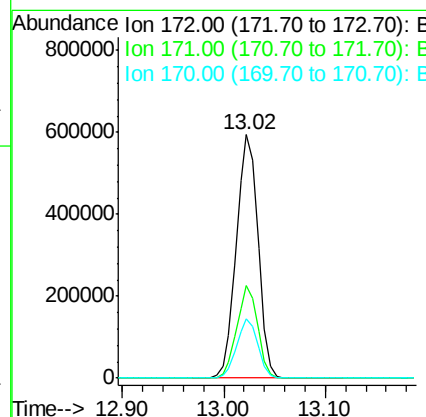
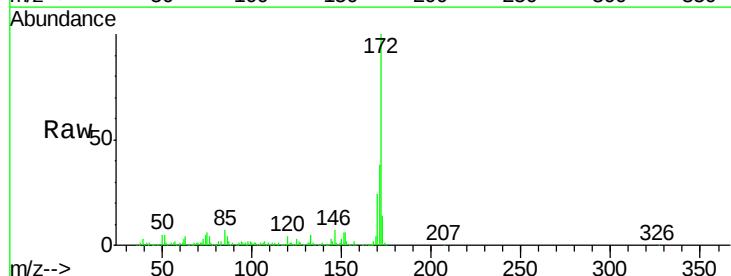
Instrument :  
 BNA\_G  
 ClientSampleId :  
 MW-16R

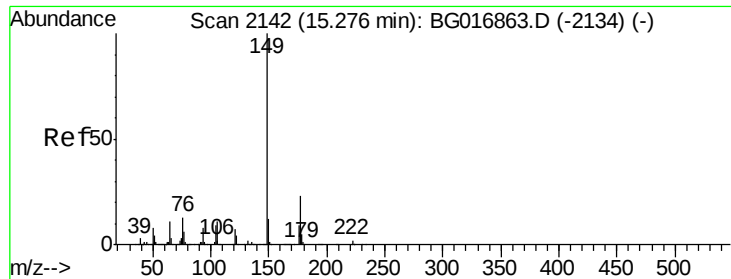
Tgt Ion: 330 Resp: 263495  
 Ion Ratio Lower Upper  
 330 100  
 332 95.2 0.0 0.0#  
 141 49.6 0.0 0.0#



#44  
 2-Fluorobiphenyl  
 Concen: 79.79 ng  
 RT: 13.02 min Scan# 1759  
 Delta R.T. -0.00 min  
 Lab File: BG017067.D  
 Acq: 12 May 2015 1:34

Tgt Ion: 172 Resp: 882154  
 Ion Ratio Lower Upper  
 172 100  
 171 38.0 29.0 43.4  
 170 24.3 19.0 28.4

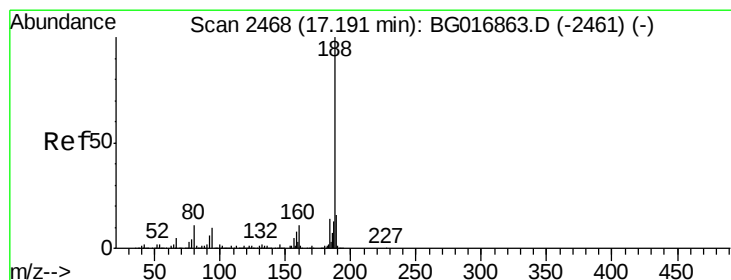
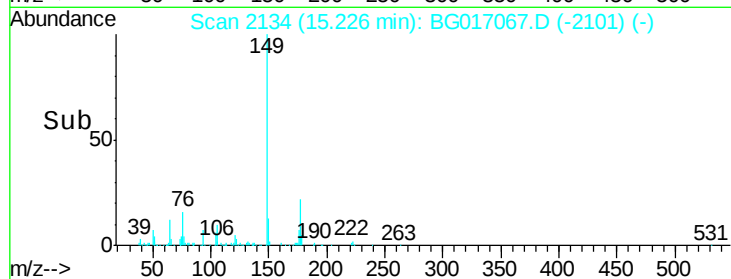
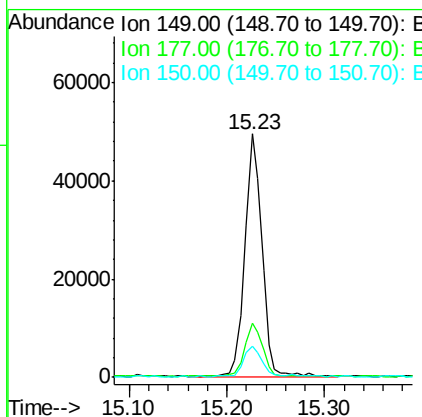
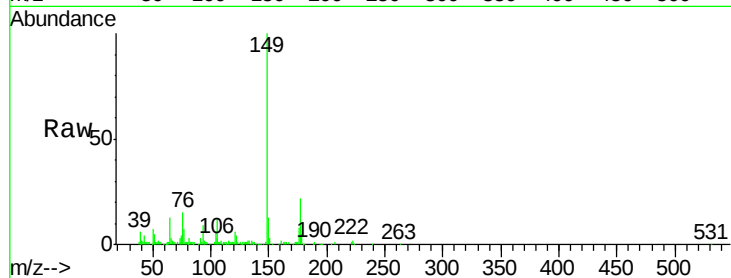




#59  
Diethylphthalate  
Concen: 4.72 ng  
RT: 15.23 min Scan# 2134  
Delta R.T. -0.00 min  
Lab File: BG017067.D  
Acq: 12 May 2015 1:34

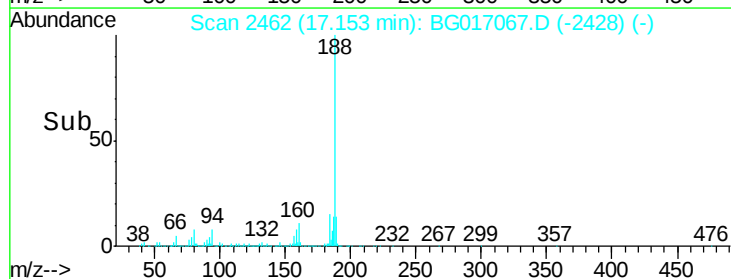
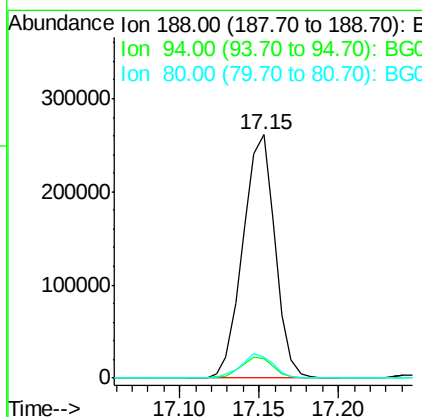
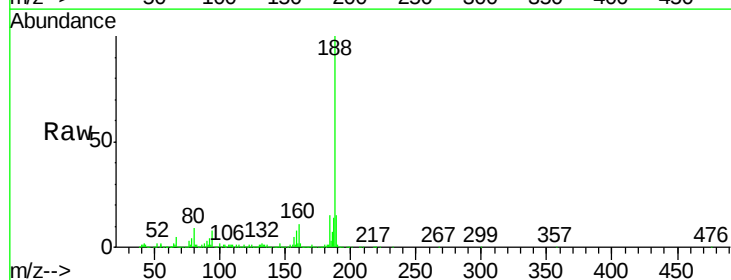
Instrument :  
BNA\_G  
ClientSampleId :  
MW-16R

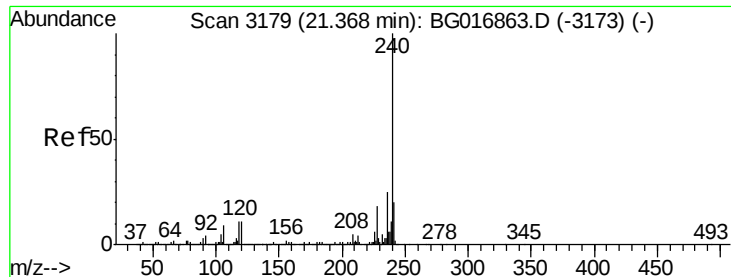
Tgt Ion:149 Resp: 62060  
Ion Ratio Lower Upper  
149 100  
177 22.0 18.6 27.8  
150 13.0 9.8 14.8



#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.15 min Scan# 2462  
Delta R.T. 0.00 min  
Lab File: BG017067.D  
Acq: 12 May 2015 1:34

Tgt Ion:188 Resp: 366325  
Ion Ratio Lower Upper  
188 100  
94 8.2 8.2 12.4#  
80 8.5 8.8 13.2#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.33 min Scan# 3173

Delta R.T. -0.00 min

Lab File: BG017067.D

Acq: 12 May 2015 1:34

Instrument :

BNA\_G

ClientSampleId :

MW-16R

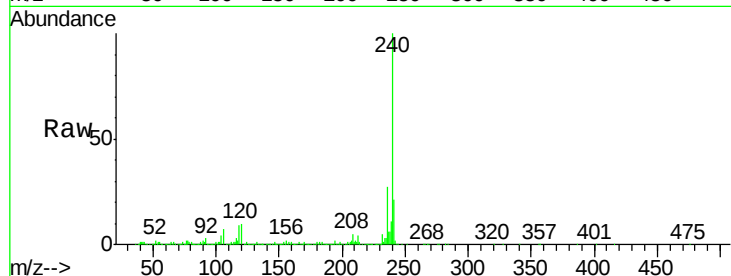
Tgt Ion:240 Resp: 423959

Ion Ratio Lower Upper

240 100

120 10.0 9.1 13.7

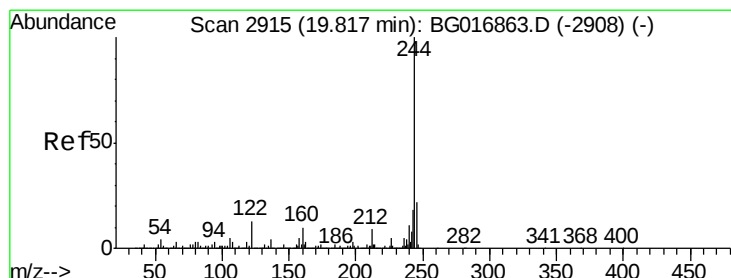
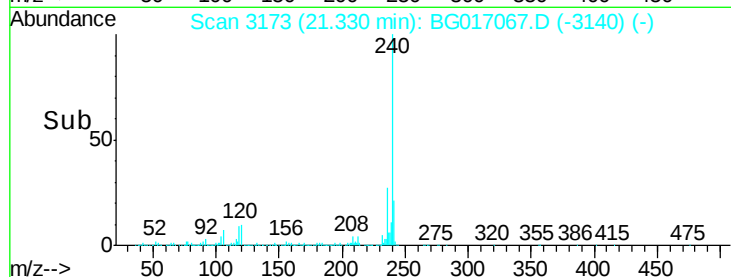
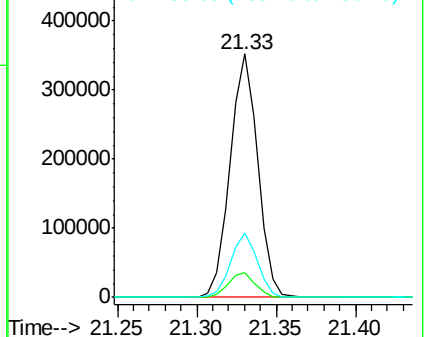
236 26.6 20.2 30.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 85.60 ng

RT: 19.78 min Scan# 2909

Delta R.T. -0.00 min

Lab File: BG017067.D

Acq: 12 May 2015 1:34

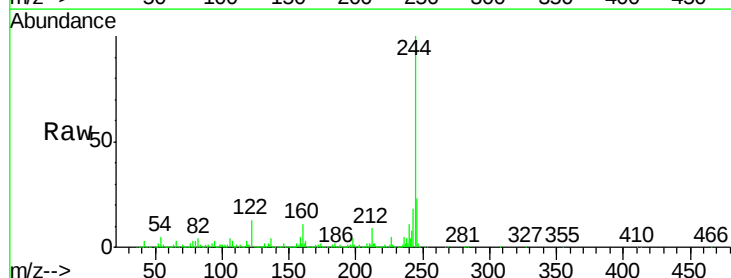
Tgt Ion:244 Resp: 1548115

Ion Ratio Lower Upper

244 100

212 9.4 7.0 10.6

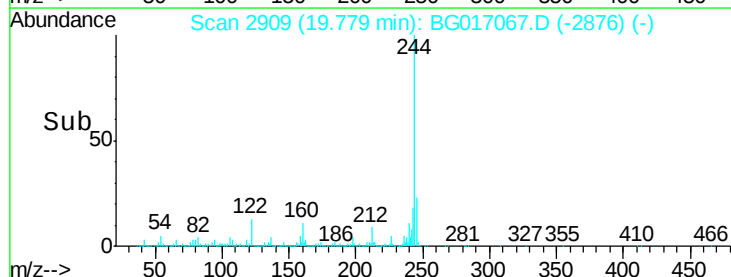
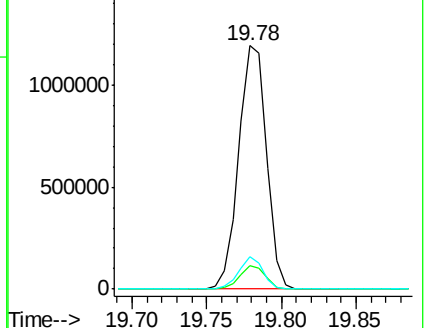
122 13.4 10.4 15.6

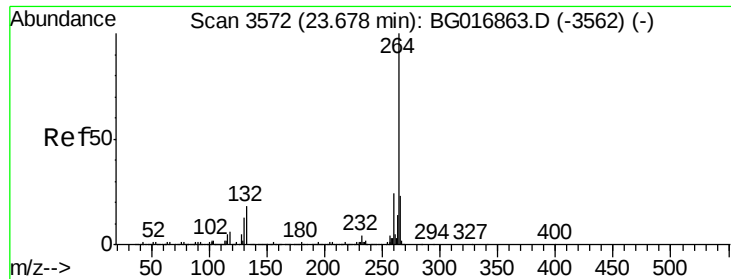


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Perylene-d12

Concen: 20.00 ng

RT: 23.62 min Scan# 3562

Delta R.T. -0.00 min

Lab File: BG017067.D

Acq: 12 May 2015 1:34

Instrument :

BNA\_G

ClientSampleId :

MW-16R

Tgt Ion:264 Resp: 406099

Ion Ratio Lower Upper

264 100

260 23.8 19.5 29.3

265 21.7 18.5 27.7

