

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG061115\  
 Data File : BG017618.D  
 Acq On : 11 Jun 2015 20:28  
 Operator : TP/IZ  
 Sample : G2522-19  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MW-9

Quant Time: Jun 12 01:38:41 2015  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG060315.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 12 01:16:03 2015  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.53  | 152  | 21173    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.32 | 136  | 75926    | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 14.21 | 164  | 62342    | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 16.96 | 188  | 166576   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 21.16 | 240  | 205770   | 20.00  | ng    | -0.01    |
| 86) Perylene-d12            | 23.35 | 264  | 178211   | 20.00  | ng    | -0.02    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.12  | 112  | 84083    | 69.96  | ng    | 0.00     |
| 7) Phenol-d6                | 6.74  | 99   | 68069    | 41.58  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.70  | 82   | 182758   | 120.16 | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 15.71 | 330  | 155296   | 179.35 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 12.82 | 172  | 474644   | 114.85 | ng    | 0.00     |
| 78) Terphenyl-d14           | 19.60 | 244  | 1096411  | 110.13 | ng    | 0.00     |

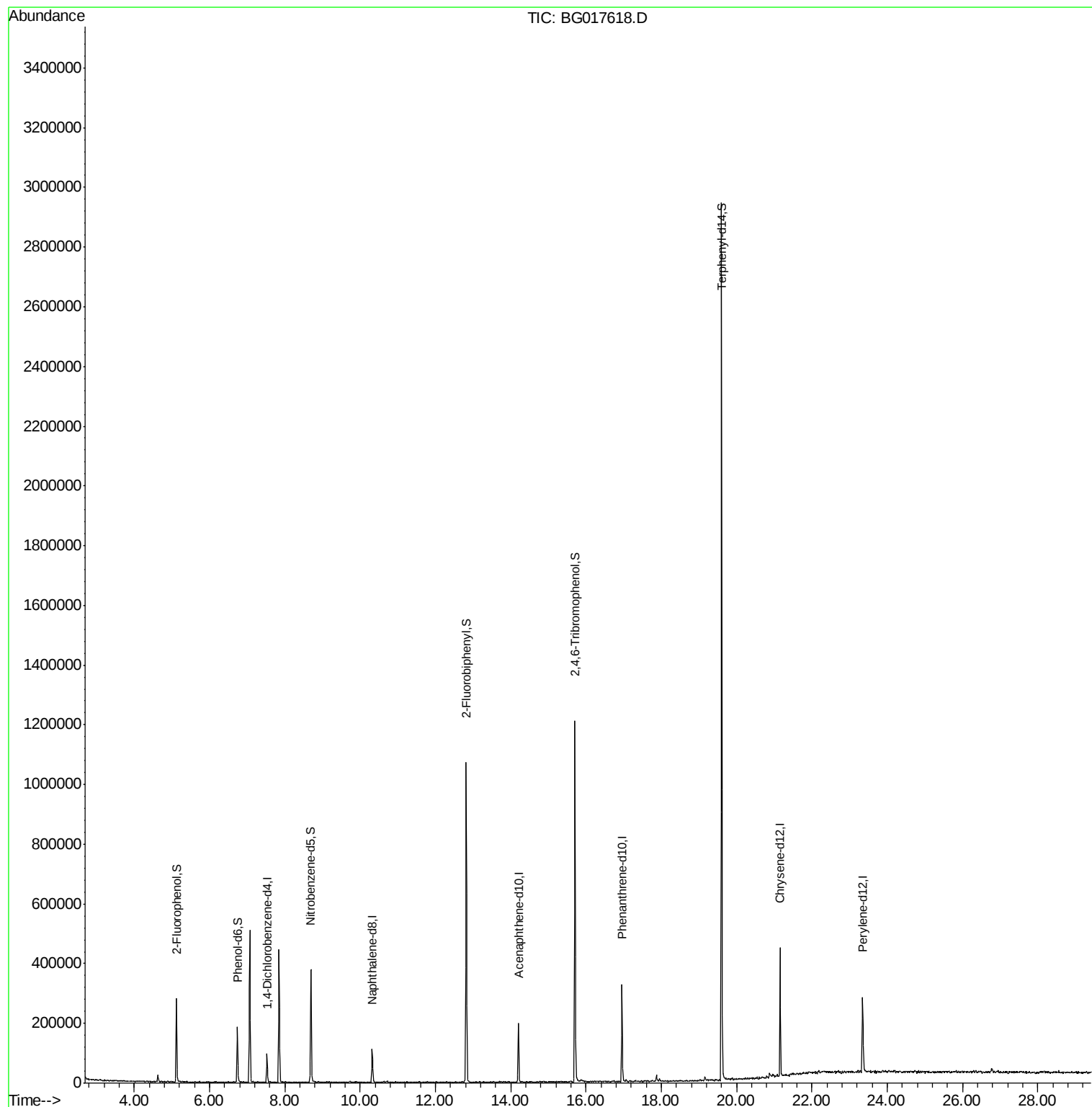
| Target Compounds | Qvalue |
|------------------|--------|
|------------------|--------|

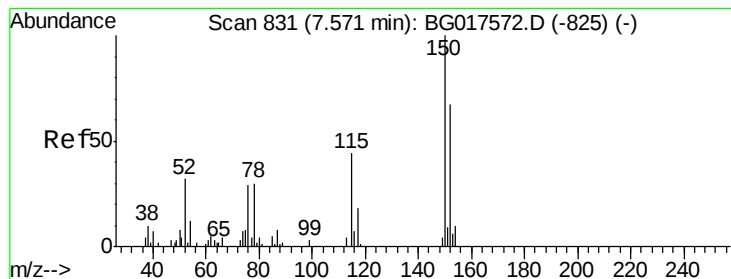
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 18 Sample Multiplier: 1

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Quant Time: Jun 12 01:38:41 2015  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG060315.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Jun 12 01:16:03 2015  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.53 min Scan# 824

Delta R.T. 0.00 min

Lab File: BG017618.D

Acq: 11 Jun 2015 20:28

Instrument :

BNA\_G

ClientSampled :

MW-9

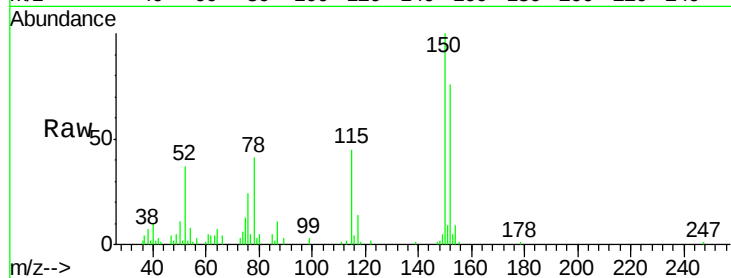
Tgt Ion:152 Resp: 21173

Ion Ratio Lower Upper

152 100

150 131.0 121.7 182.5

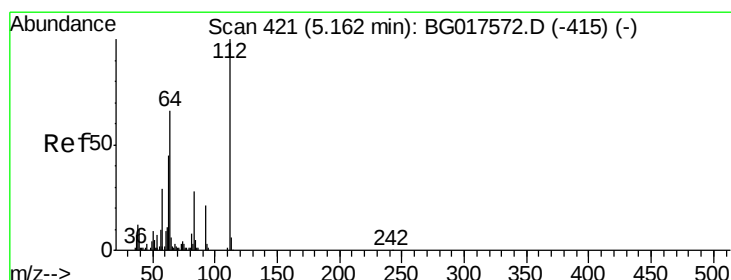
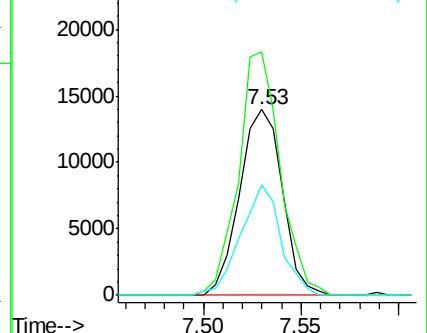
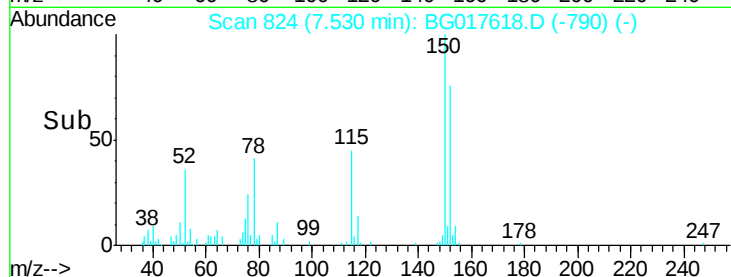
115 59.6 48.6 73.0



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: 69.96 ng

RT: 5.12 min Scan# 414

Delta R.T. 0.01 min

Lab File: BG017618.D

Acq: 11 Jun 2015 20:28

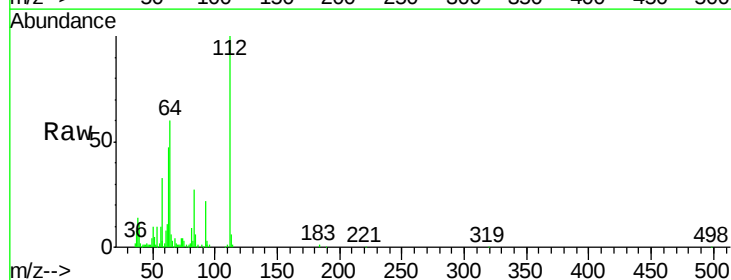
Tgt Ion:112 Resp: 84083

Ion Ratio Lower Upper

112 100

64 59.7 51.6 77.4

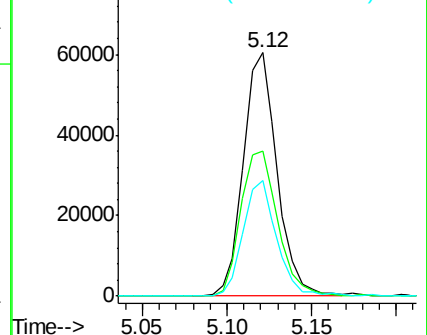
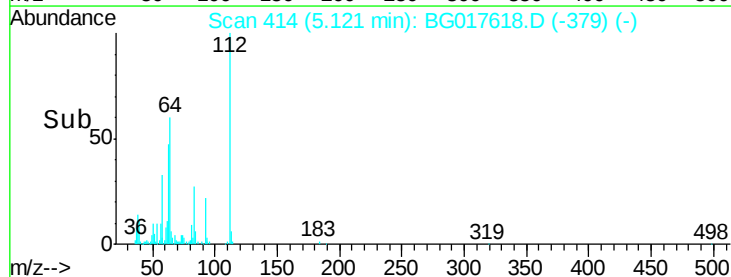
63 47.5 33.3 49.9

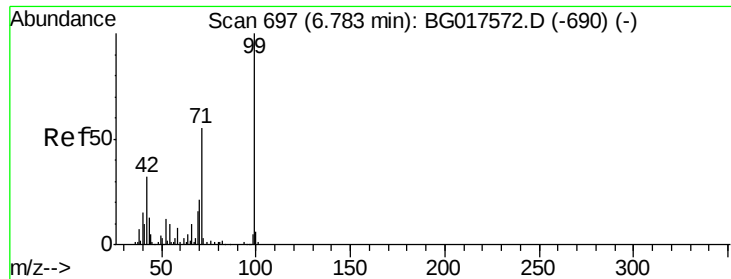


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 41.58 ng

RT: 6.74 min Scan# 689

Delta R.T. 0.00 min

Lab File: BG017618.D

Acq: 11 Jun 2015 20:28

Instrument :

BNA\_G

ClientSampleId :

MW-9

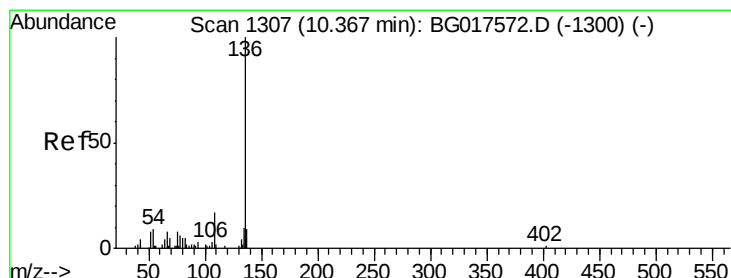
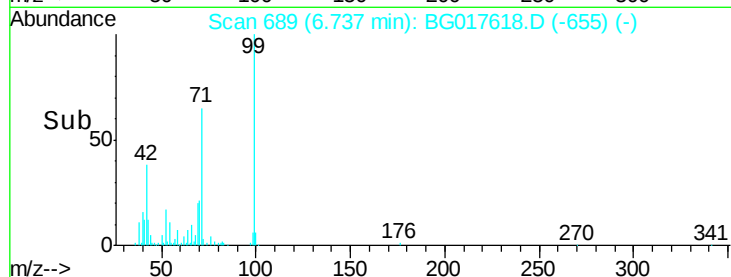
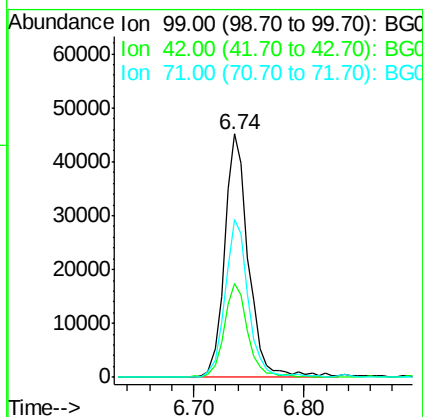
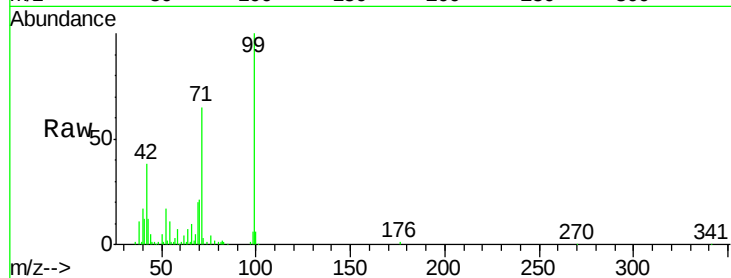
Tgt Ion: 99 Resp: 68069

Ion Ratio Lower Upper

99 100

42 38.3 21.0 31.6#

71 64.8 37.2 55.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.32 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BG017618.D

Acq: 11 Jun 2015 20:28

Tgt Ion: 136 Resp: 75926

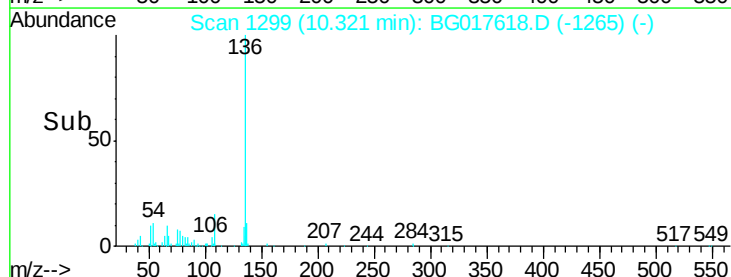
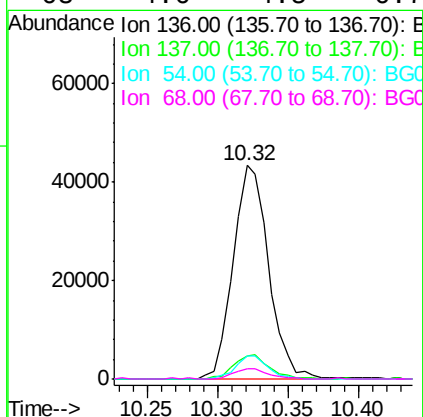
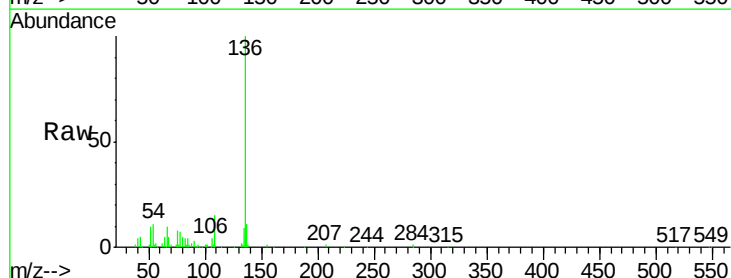
Ion Ratio Lower Upper

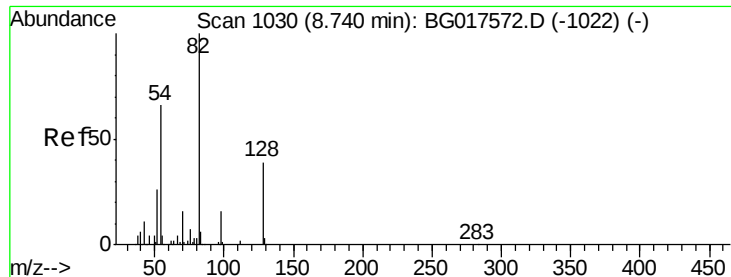
136 100

137 10.8 7.9 11.9

54 11.5 7.2 10.8#

68 4.6 4.5 6.7

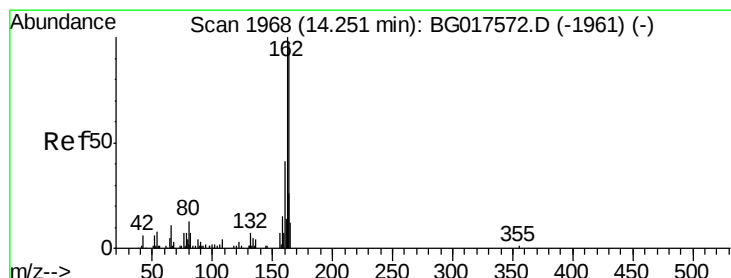
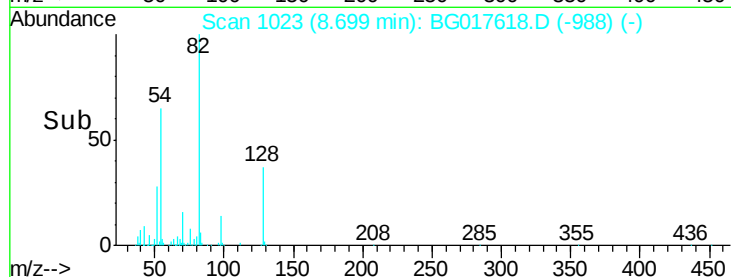
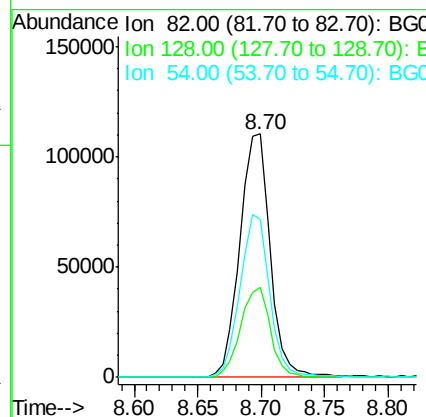
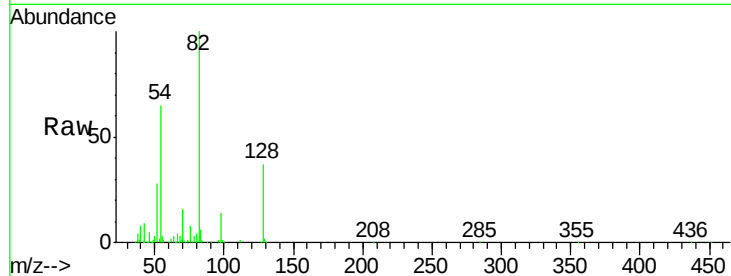




#23  
 Nitrobenzene-d5  
 Concen: 120.16 ng  
 RT: 8.70 min Scan# 1023  
 Delta R.T. 0.01 min  
 Lab File: BG017618.D  
 Acq: 11 Jun 2015 20:28

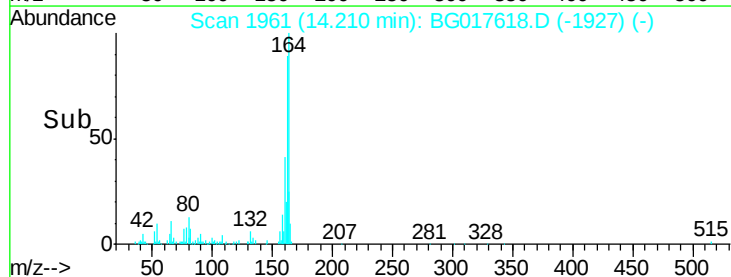
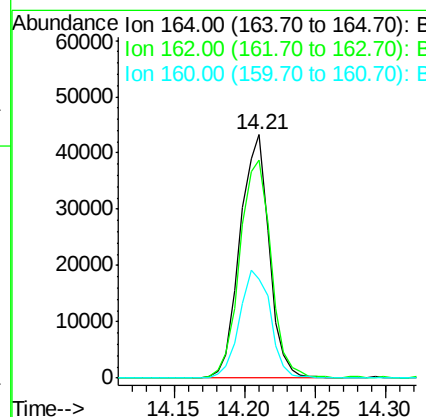
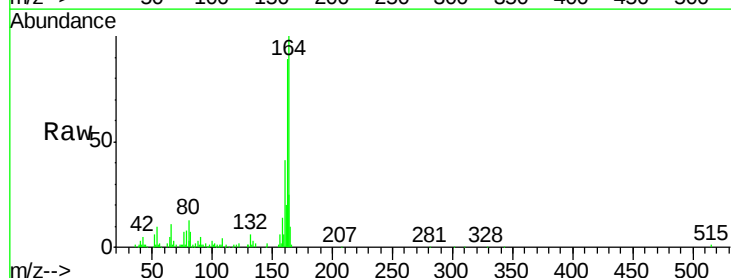
Instrument :  
 BNA\_G  
 ClientSampleId :  
 MW-9

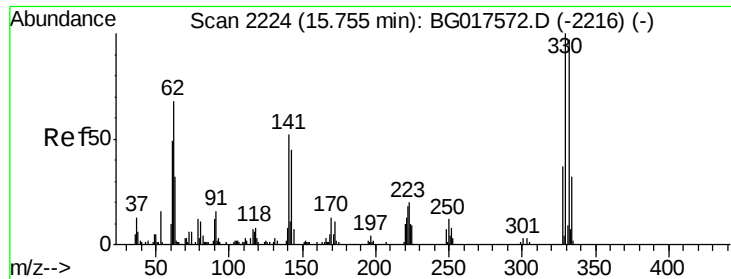
Tgt Ion: 82 Resp: 182758  
 Ion Ratio Lower Upper  
 82 100  
 128 36.9 32.2 48.4  
 54 65.0 47.4 71.2



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 14.21 min Scan# 1961  
 Delta R.T. 0.00 min  
 Lab File: BG017618.D  
 Acq: 11 Jun 2015 20:28

Tgt Ion: 164 Resp: 62342  
 Ion Ratio Lower Upper  
 164 100  
 162 89.5 81.8 122.6  
 160 40.9 31.0 46.4

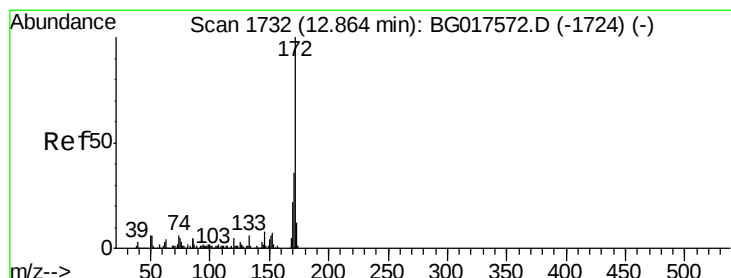
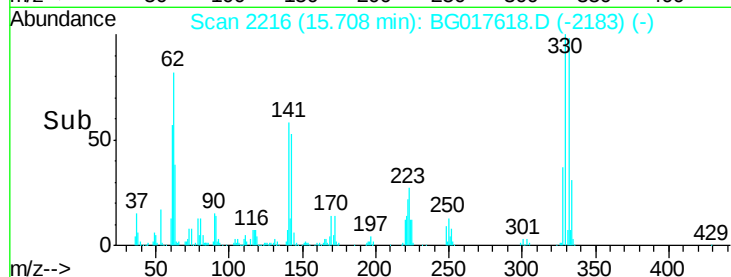
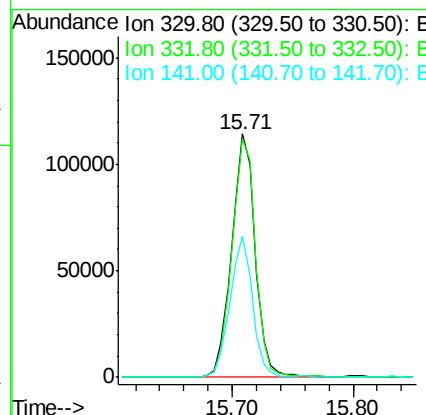
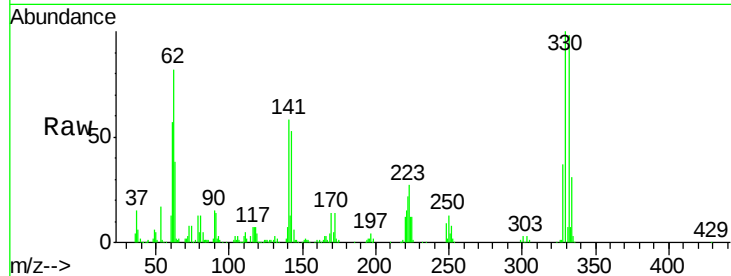




#41  
 2,4,6-Tribromophenol  
 Concen: 179.35 ng  
 RT: 15.71 min Scan# 2216  
 Delta R.T. -0.01 min  
 Lab File: BG017618.D  
 Acq: 11 Jun 2015 20:28

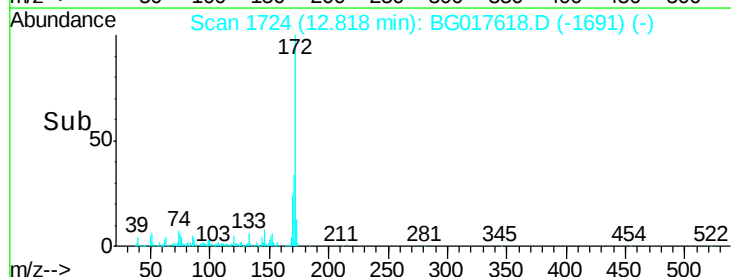
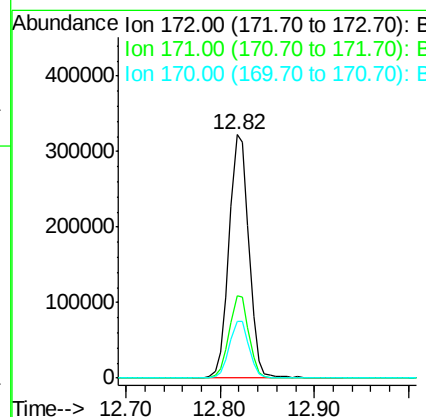
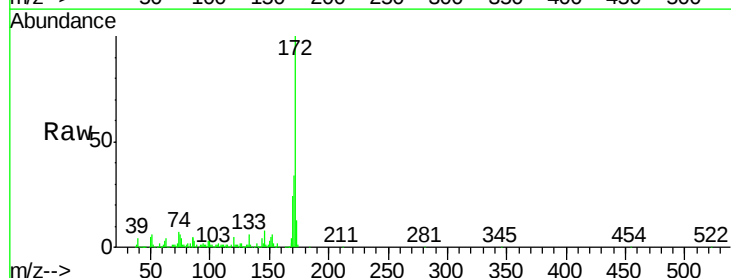
Instrument :  
 BNA\_G  
 ClientSampleId :  
 MW-9

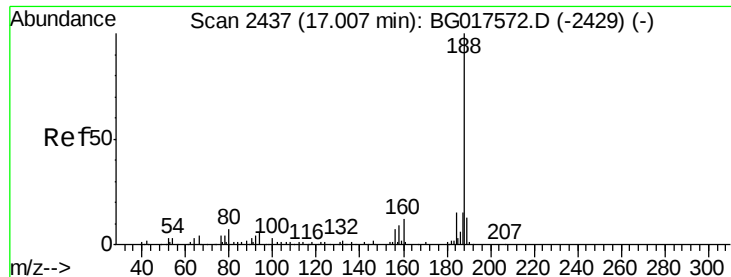
Tgt Ion:330 Resp: 155296  
 Ion Ratio Lower Upper  
 330 100  
 332 97.9 75.9 113.9  
 141 55.5 40.2 60.4



#44  
 2-Fluorobiphenyl  
 Concen: 114.85 ng  
 RT: 12.82 min Scan# 1724  
 Delta R.T. -0.01 min  
 Lab File: BG017618.D  
 Acq: 11 Jun 2015 20:28

Tgt Ion:172 Resp: 474644  
 Ion Ratio Lower Upper  
 172 100  
 171 34.1 29.0 43.6  
 170 23.5 18.9 28.3

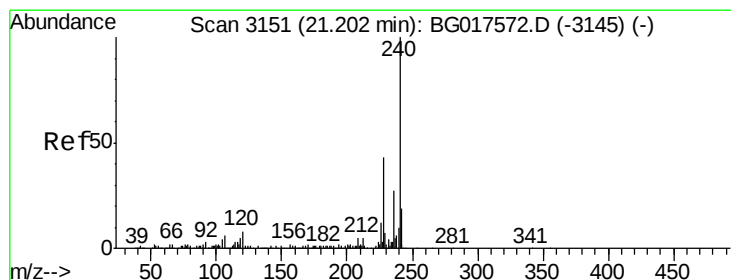
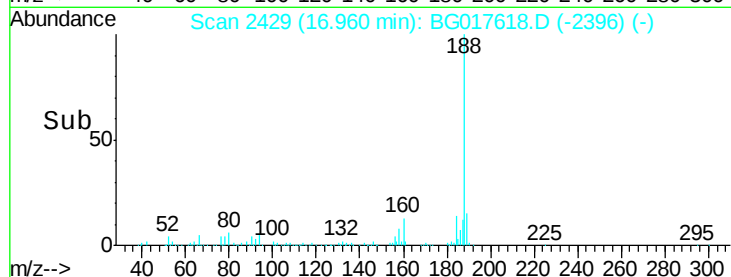
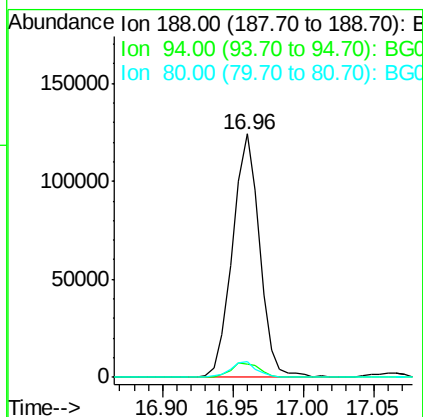
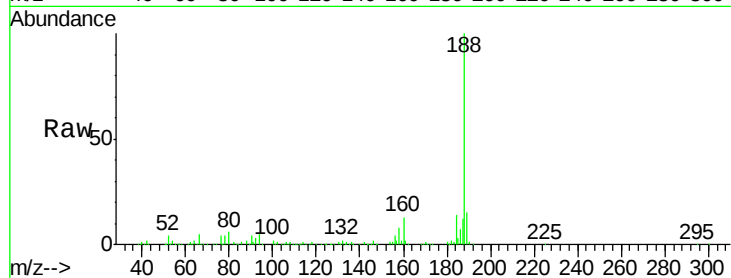




#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 16.96 min Scan# 2429  
Delta R.T. -0.01 min  
Lab File: BG017618.D  
Acq: 11 Jun 2015 20:28

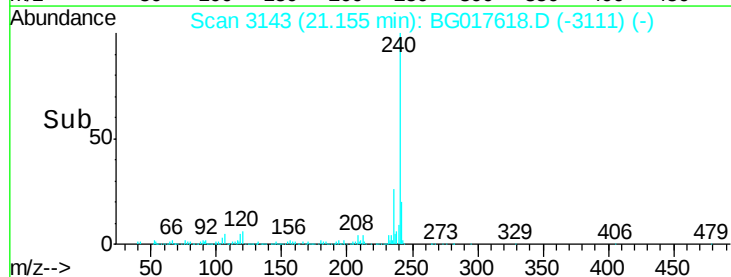
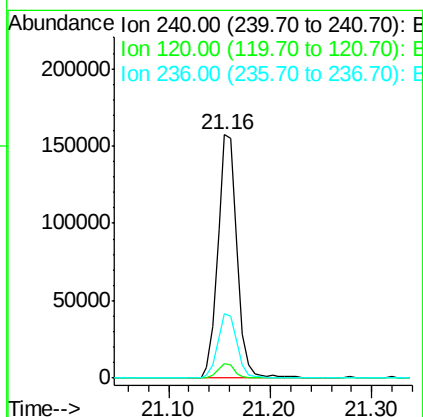
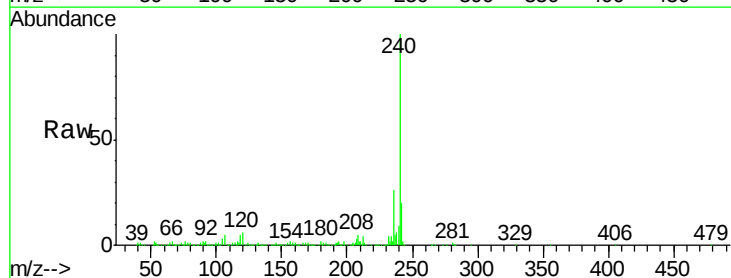
Instrument :  
BNA\_G  
ClientSampleId :  
MW-9

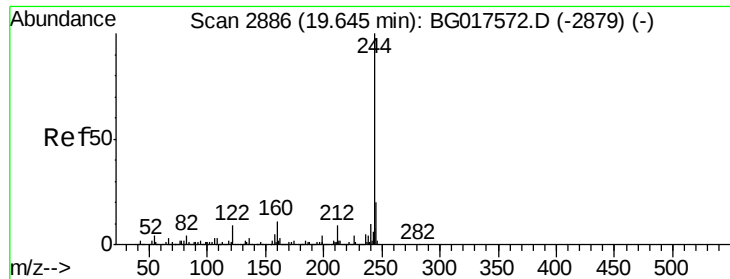
Tgt Ion:188 Resp: 166576  
Ion Ratio Lower Upper  
188 100  
94 5.3 6.3 9.5#  
80 6.5 5.2 7.8



#75  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.16 min Scan# 3143  
Delta R.T. -0.01 min  
Lab File: BG017618.D  
Acq: 11 Jun 2015 20:28

Tgt Ion:240 Resp: 205770  
Ion Ratio Lower Upper  
240 100  
120 6.1 6.5 9.7#  
236 26.4 20.8 31.2





#78

Terphenyl-d14

Concen: 110.13 ng

RT: 19.60 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG017618.D

Acq: 11 Jun 2015 20:28

Instrument :

BNA\_G

ClientSampleId :

MW-9

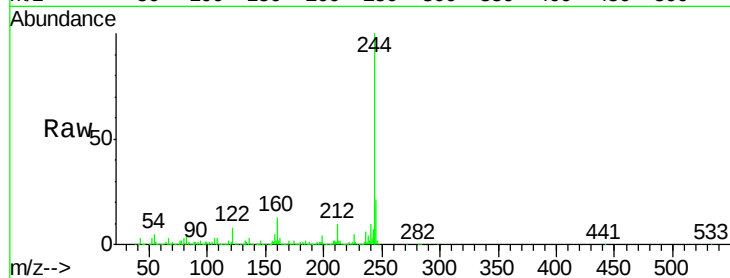
Tgt Ion:244 Resp: 1096411

Ion Ratio Lower Upper

244 100

212 9.6 6.4 9.6

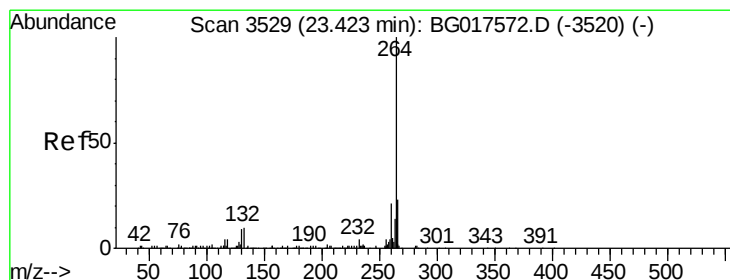
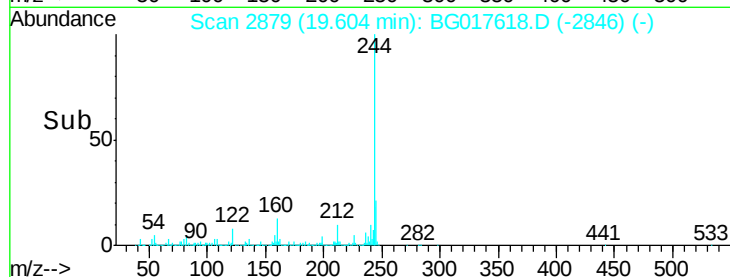
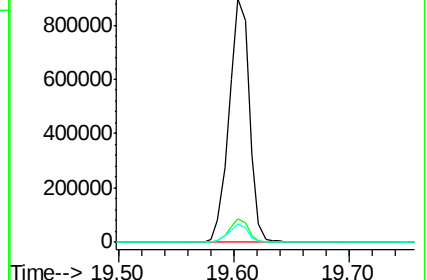
122 7.7 6.6 10.0



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: 23.35 min Scan# 3517

Delta R.T. -0.02 min

Lab File: BG017618.D

Acq: 11 Jun 2015 20:28

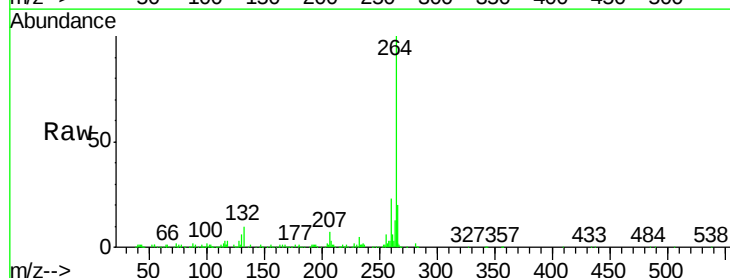
Tgt Ion:264 Resp: 178211

Ion Ratio Lower Upper

264 100

260 23.0 18.2 27.4

265 20.3 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

