

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG061015\  
 Data File : BG017609.D  
 Acq On : 10 Jun 2015 20:11  
 Operator : TP/IZ  
 Sample : G2486-01  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 STORM-WATER

Quant Time: Jun 11 04:24:53 2015  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\625-TERPINEOL-BG040915.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 11 04:12:20 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.57  | 152  | 12864    | 20.00 | ng    | 0.00     |
| 4) Naphthalene-d8         | 10.36 | 136  | 56991    | 20.00 | ng    | 0.00     |
| 7) Acenaphthene-d10       | 14.25 | 164  | 43424    | 20.00 | ng    | 0.00     |
| 10) Phenanthrene-d10      | 17.00 | 188  | 103193   | 20.00 | ng    | 0.00     |
| 11) Chrysene-d12          | 21.20 | 240  | 111730   | 20.00 | ng    | 0.00     |
| 13) Perylene-d12          | 23.41 | 264  | 107705   | 20.00 | ng    | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 2) 2-Fluorophenol           | 5.16  | 112  | 27445    | 42.28  | ng    | 0.00     |
| 3) Phenol-d6                | 6.78  | 99   | 21987    | 27.06  | ng    | 0.00     |
| 5) Nitrobenzene-d5          | 8.73  | 82   | 117451   | 113.30 | ng    | 0.00     |
| 8) 2,4,6-Tribromophenol     | 15.74 | 330  | 42922    | 81.50  | ng    | 0.00     |
| 9) 2-Fluorobiphenyl         | 12.86 | 172  | 281146   | 116.16 | ng    | 0.00     |
| 12) Terphenyl-d14           | 19.64 | 244  | 575732   | 103.58 | ng    | 0.00     |

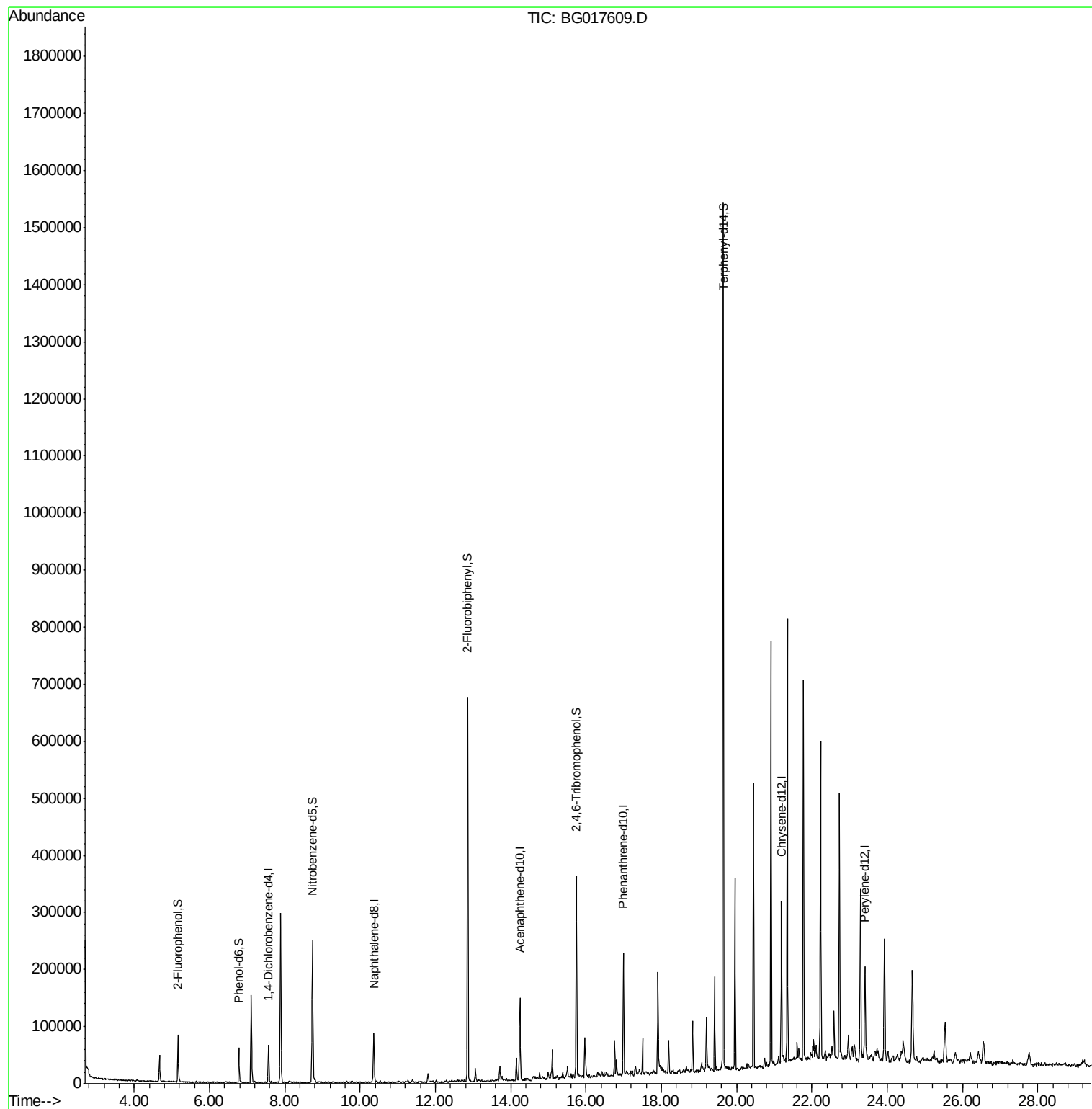
| Target Compounds | Qvalue |
|------------------|--------|
|------------------|--------|

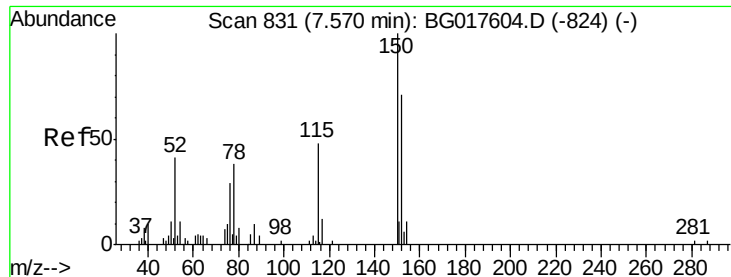
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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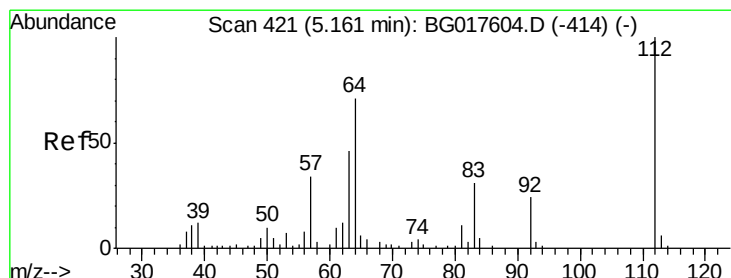
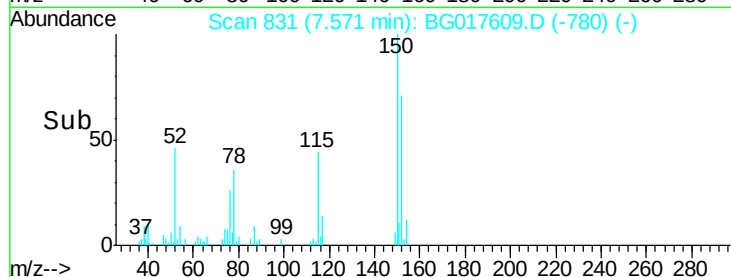
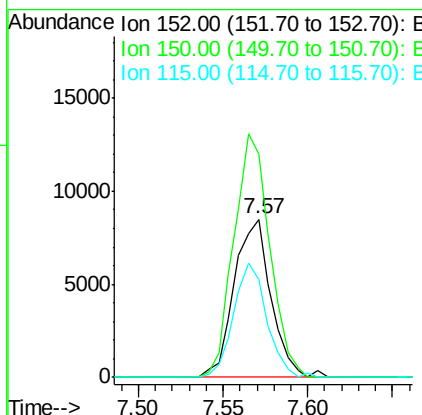
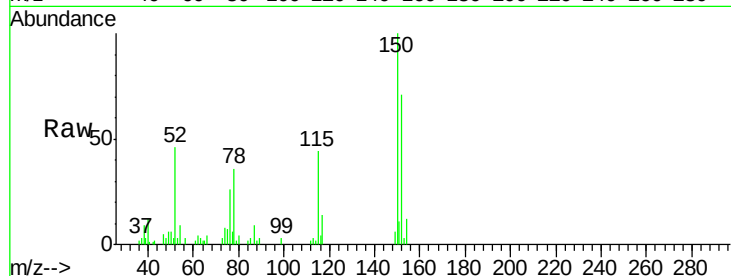


#1

1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.57 min Scan# 831  
Delta R.T. 0.00 min  
Lab File: BG017609.D  
Acq: 10 Jun 2015 20:11

Instrument :  
BNA\_G  
ClientSampleId :  
STORM-WATER

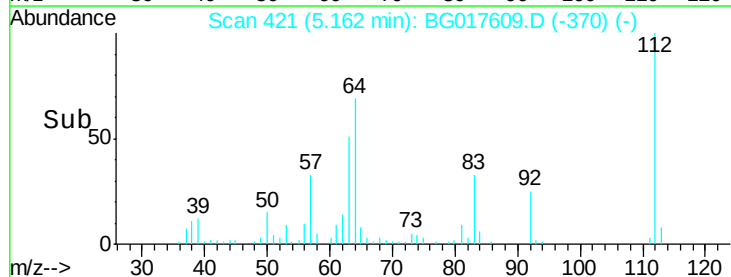
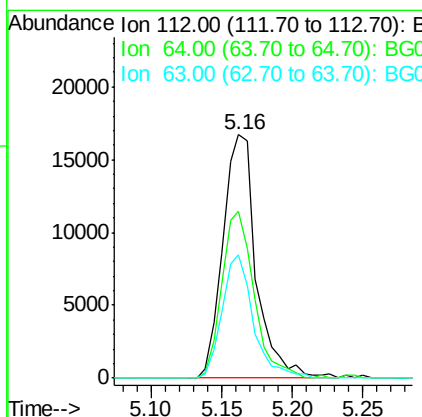
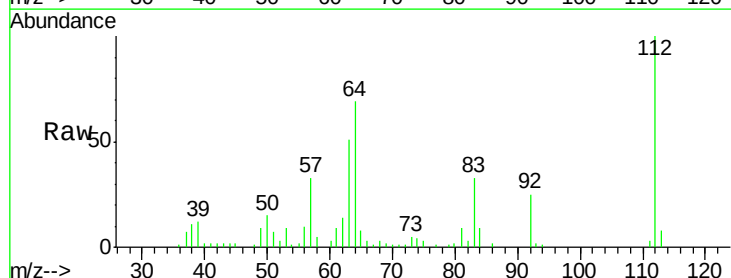
Tgt Ion:152 Resp: 12864  
Ion Ratio Lower Upper  
152 100  
150 141.1 112.5 168.7  
115 61.4 54.5 81.7

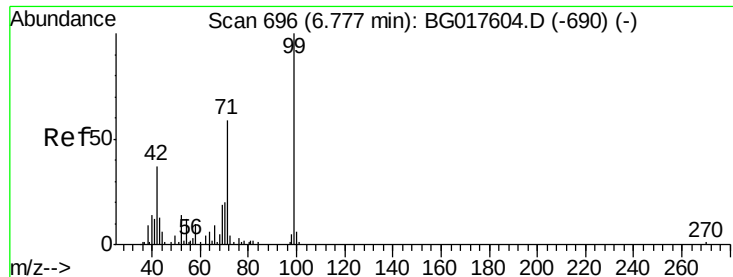


#2

2-Fluorophenol  
Concen: 42.28 ng  
RT: 5.16 min Scan# 421  
Delta R.T. 0.00 min  
Lab File: BG017609.D  
Acq: 10 Jun 2015 20:11

Tgt Ion:112 Resp: 27445  
Ion Ratio Lower Upper  
112 100  
64 68.8 57.0 85.4  
63 50.5 37.1 55.7





#3

Phenol-d6

Concen: 27.06 ng

RT: 6.78 min Scan# 696

Delta R.T. 0.00 min

Lab File: BG017609.D

Acq: 10 Jun 2015 20:11

Instrument :

BNA\_G

ClientSampleId :

STORM-WATER

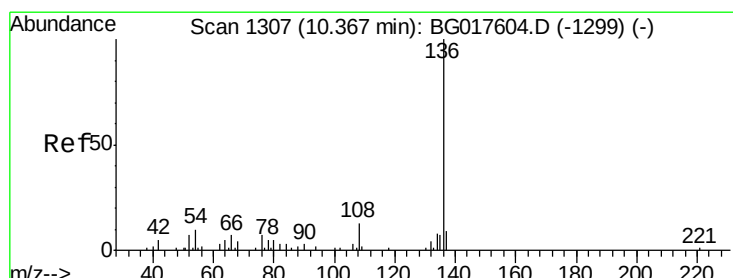
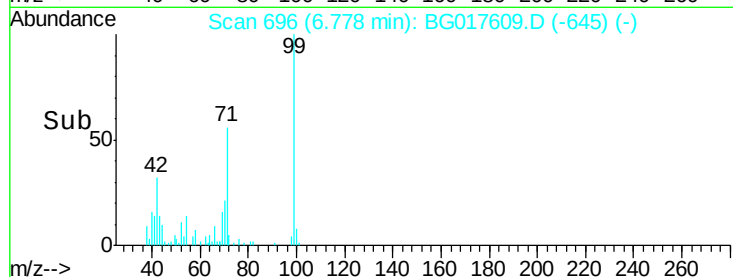
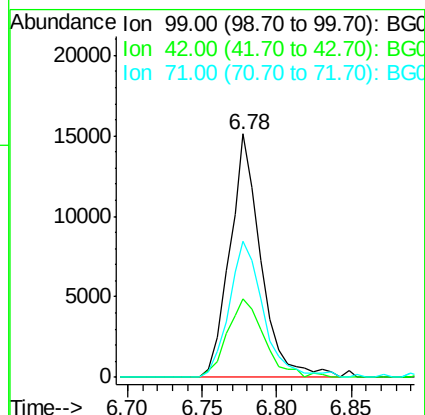
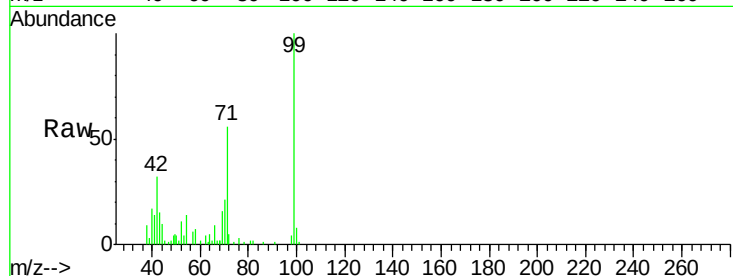
Tgt Ion: 99 Resp: 21987

Ion Ratio Lower Upper

99 100

42 32.4 29.9 44.9

71 56.0 47.3 70.9



#4

Naphthalene-d8

Concen: 20.00 ng

RT: 10.36 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BG017609.D

Acq: 10 Jun 2015 20:11

Tgt Ion: 136 Resp: 56991

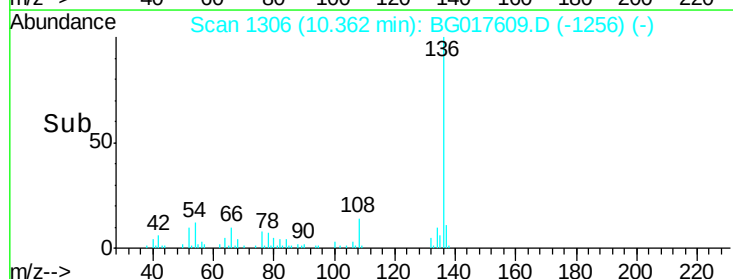
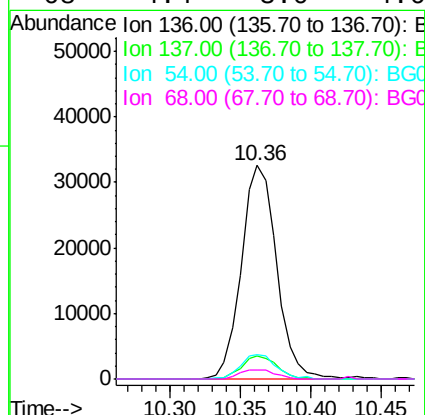
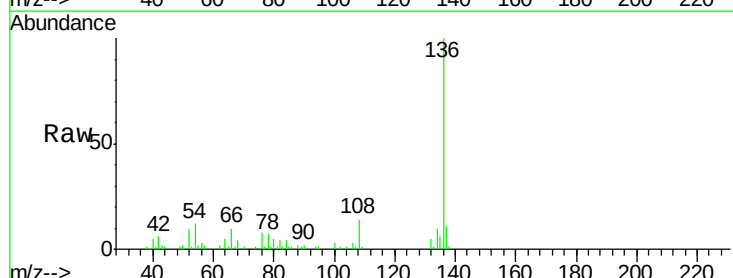
Ion Ratio Lower Upper

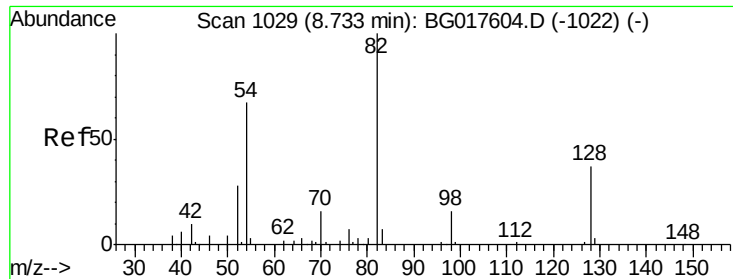
136 100

137 10.8 7.2 10.8

54 11.5 7.6 11.4#

68 4.4 3.0 4.6





#5

Nitrobenzene-d5

Concen: 113.30 ng

RT: 8.73 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BG017609.D

Acq: 10 Jun 2015 20:11

Instrument :

BNA\_G

ClientSampleId :

STORM-WATER

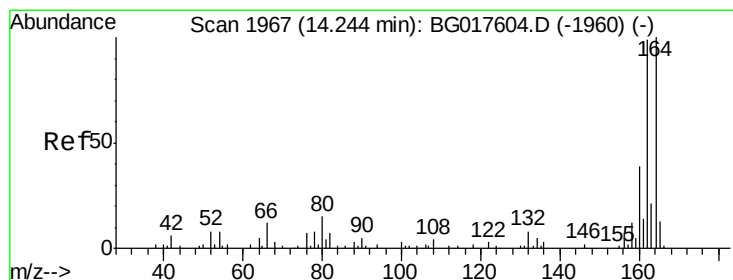
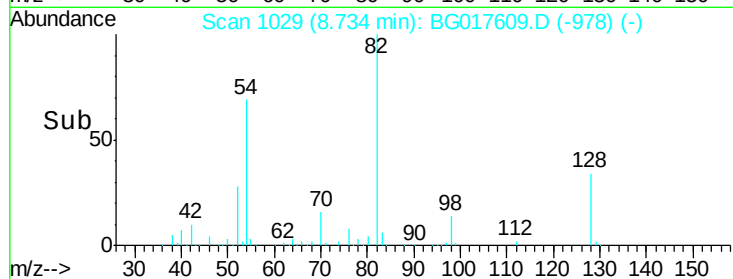
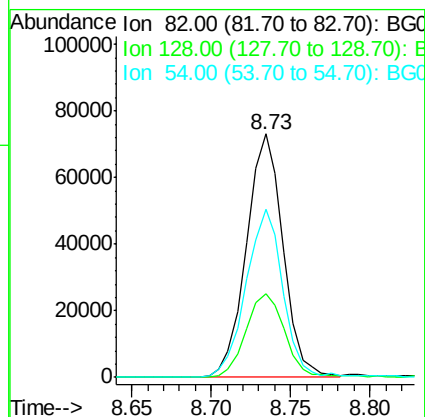
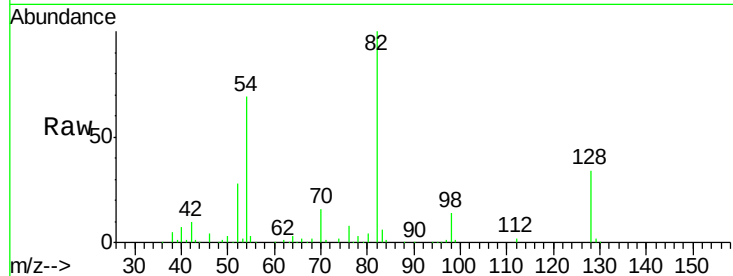
Tgt Ion: 82 Resp: 117451

Ion Ratio Lower Upper

82 100

128 34.3 29.8 44.6

54 69.1 53.9 80.9



#7

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.25 min Scan# 1967

Delta R.T. 0.00 min

Lab File: BG017609.D

Acq: 10 Jun 2015 20:11

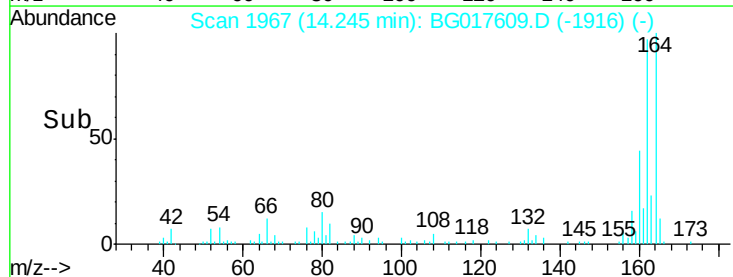
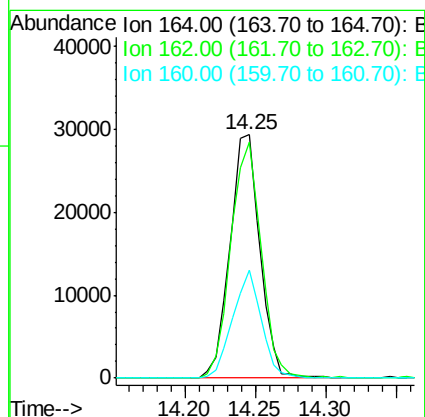
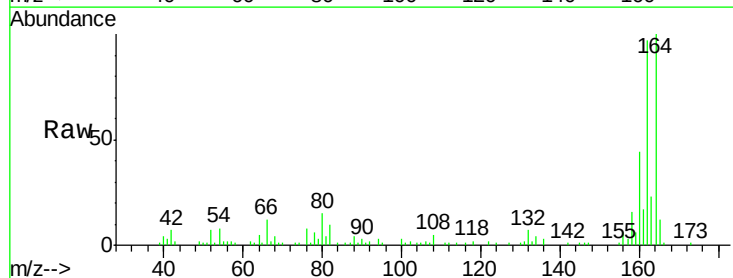
Tgt Ion: 164 Resp: 43424

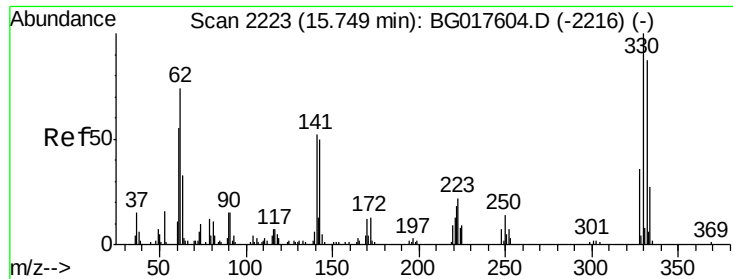
Ion Ratio Lower Upper

164 100

162 97.1 79.0 118.4

160 44.2 31.5 47.3





#8

2,4,6-Tribromophenol

Concen: 81.50 ng

RT: 15.74 min Scan# 2222

Delta R.T. -0.01 min

Lab File: BG017609.D

Acq: 10 Jun 2015 20:11

Instrument :

BNA\_G

ClientSampleId :

STORM-WATER

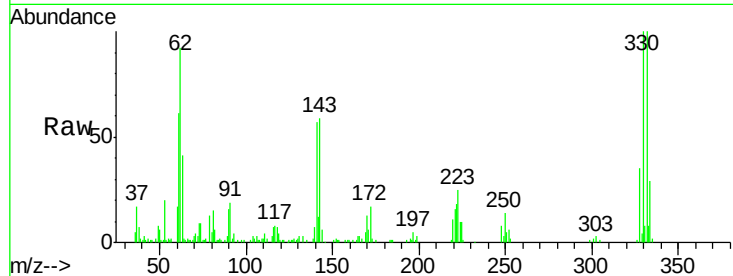
Tgt Ion:330 Resp: 42922

Ion Ratio Lower Upper

330 100

332 100.8 71.3 106.9

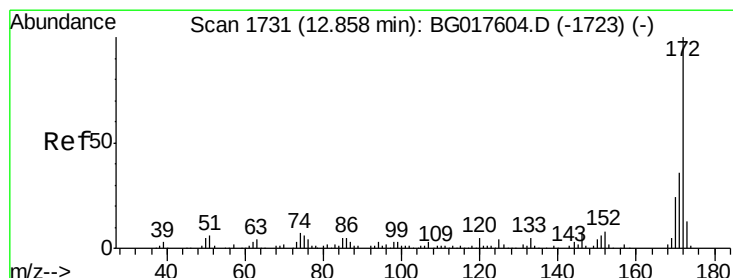
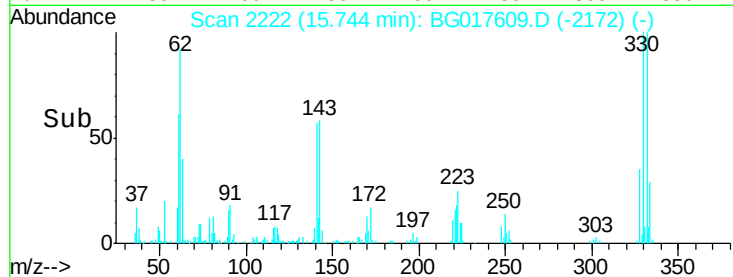
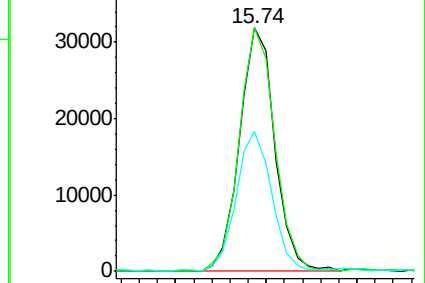
141 58.2 44.8 67.2



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



#9

2-Fluorobiphenyl

Concen: 116.16 ng

RT: 12.86 min Scan# 1731

Delta R.T. 0.00 min

Lab File: BG017609.D

Acq: 10 Jun 2015 20:11

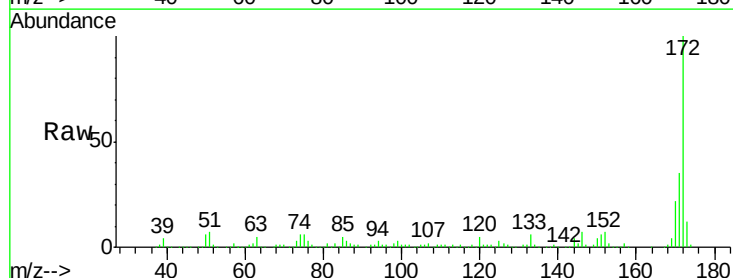
Tgt Ion:172 Resp: 281146

Ion Ratio Lower Upper

172 100

171 35.0 28.7 43.1

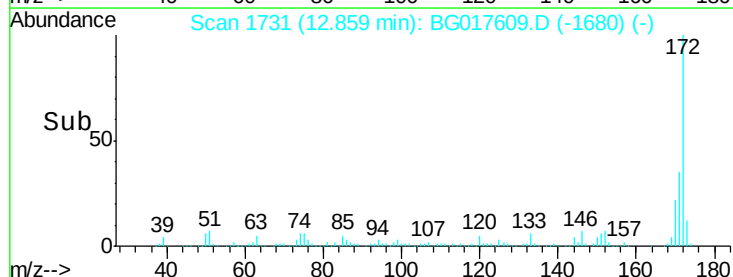
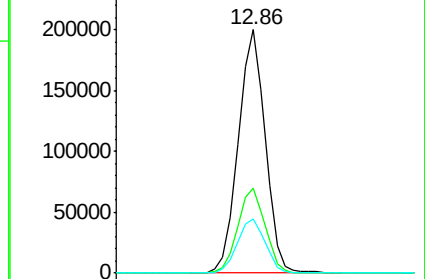
170 22.5 19.4 29.0

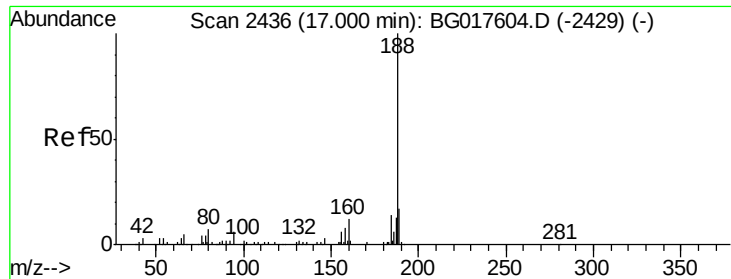


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#10

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.00 min Scan# 2435

Delta R.T. -0.00 min

Lab File: BG017609.D

Acq: 10 Jun 2015 20:11

Instrument :

BNA\_G

ClientSampleId :

STORM-WATER

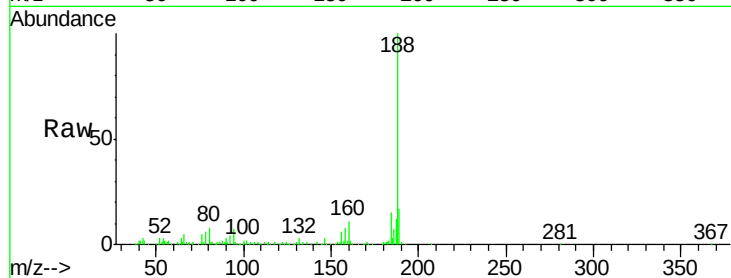
Tgt Ion:188 Resp: 103193

Ion Ratio Lower Upper

188 100

94 6.9 5.0 7.6

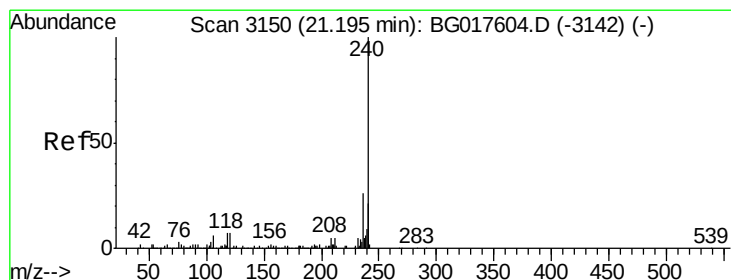
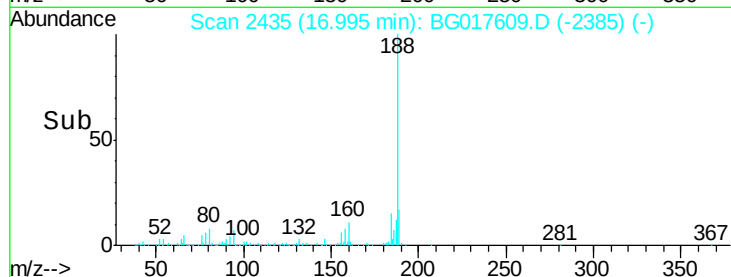
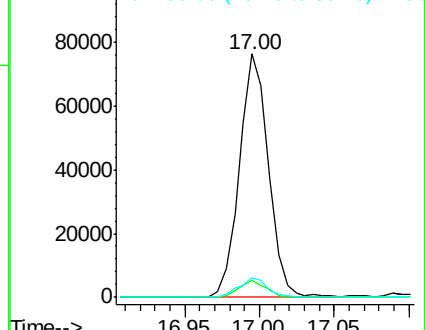
80 8.1 5.3 7.9#



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



#11

Chrysene-d12

Concen: 20.00 ng

RT: 21.20 min Scan# 3150

Delta R.T. 0.00 min

Lab File: BG017609.D

Acq: 10 Jun 2015 20:11

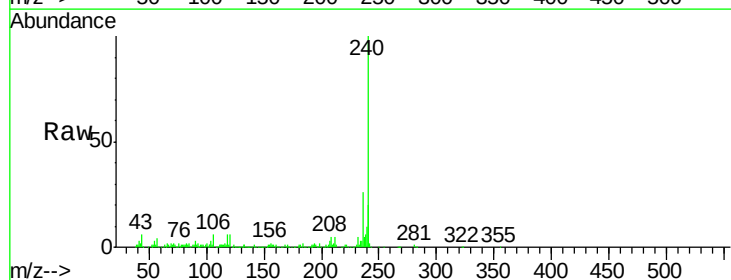
Tgt Ion:240 Resp: 111730

Ion Ratio Lower Upper

240 100

120 5.8 5.4 8.0

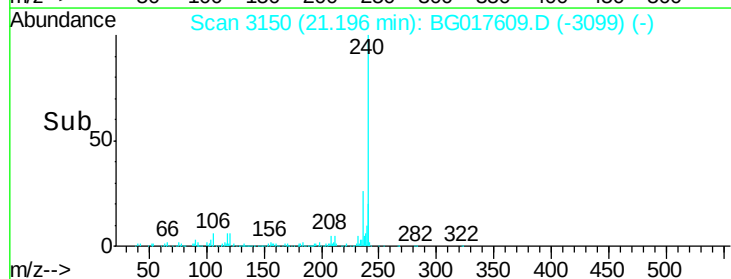
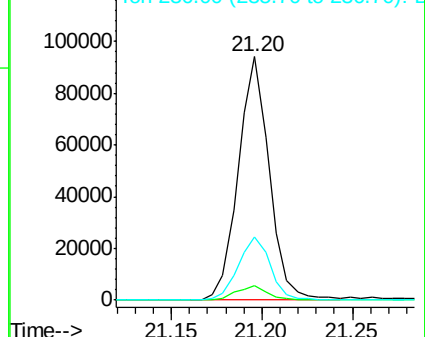
236 25.9 20.6 31.0

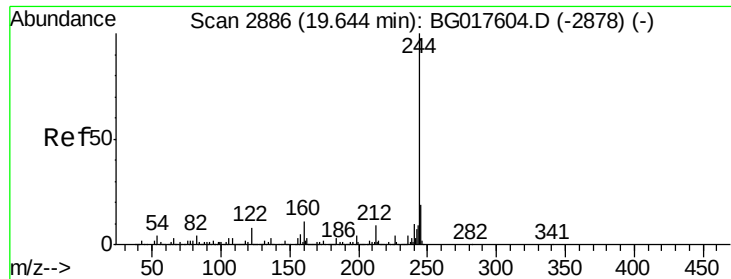


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#12

Terphenyl-d14

Concen: 103.58 ng

RT: 19.64 min Scan# 2886

Delta R.T. 0.00 min

Lab File: BG017609.D

Acq: 10 Jun 2015 20:11

Instrument :

BNA\_G

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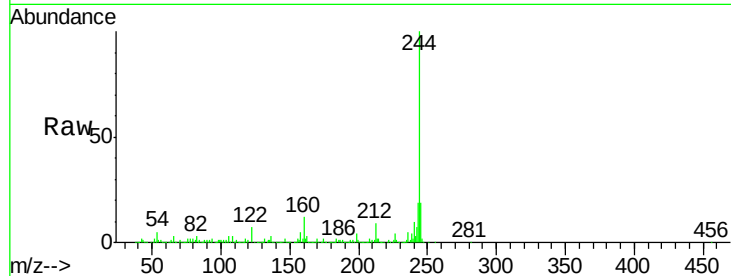
Tgt Ion:244 Resp: 575732

Ion Ratio Lower Upper

244 100

212 8.8 7.0 10.6

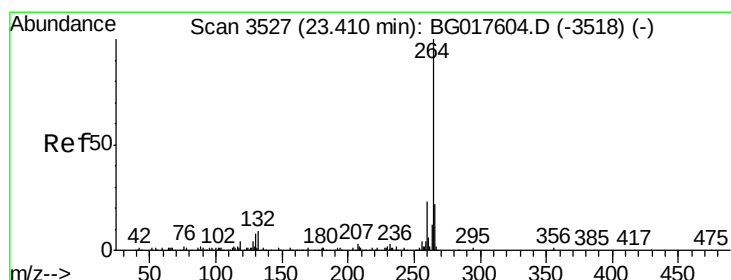
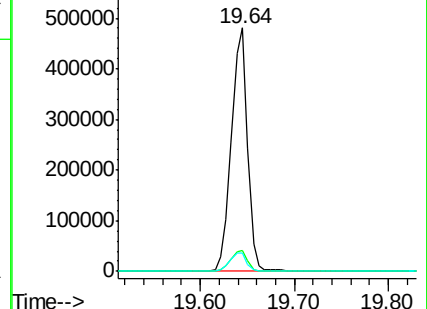
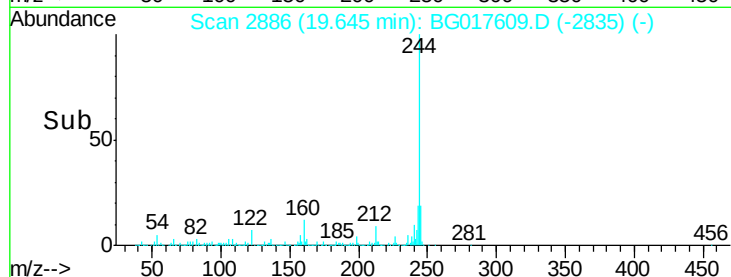
122 7.3 6.0 9.0



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



#13

Perylene-d12

Concen: 20.00 ng

RT: 23.41 min Scan# 3527

Delta R.T. 0.00 min

Lab File: BG017609.D

Acq: 10 Jun 2015 20:11

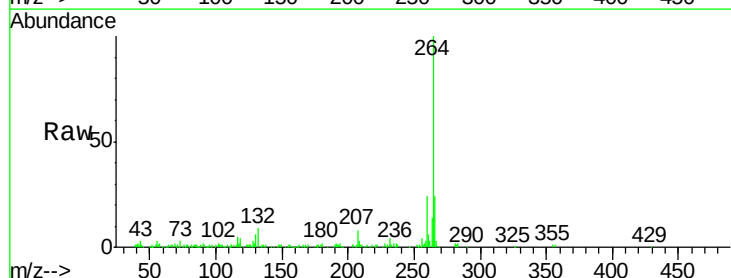
Tgt Ion:264 Resp: 107705

Ion Ratio Lower Upper

264 100

260 23.5 18.6 27.8

265 23.8 17.6 26.4



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

