

Data Path : Z:\HPCHEM1\BNA\_G\Data\BG040915\  
 Data File : BG016297.D  
 Acq On : 9 Apr 2015 19:42  
 Operator : TP/IZ  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 ICVBG040915

Quant Time: Apr 10 02:20:38 2015  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\625-TERPINEOL-BG040915.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Apr 09 19:35:19 2015  
 Response via : Initial Calibration

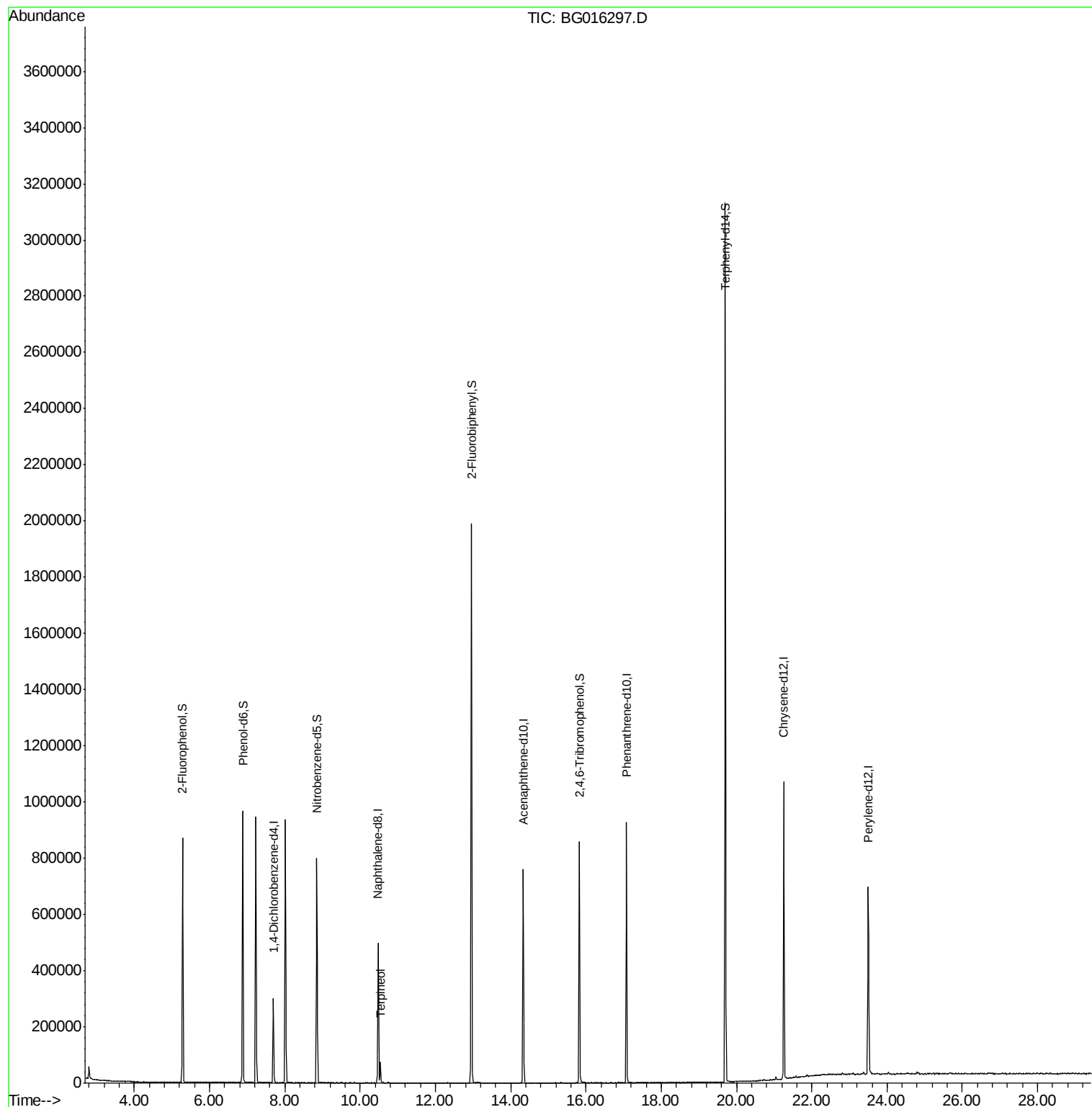
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min)       |
|-----------------------------|-------|------|----------|-------|-------|----------------|
| 1) 1,4-Dichlorobenzene-d4   | 7.70  | 152  | 80428    | 20.00 | ng    | 0.00           |
| 4) Naphthalene-d8           | 10.48 | 136  | 413406   | 20.00 | ng    | 0.00           |
| 7) Acenaphthene-d10         | 14.34 | 164  | 248827   | 20.00 | ng    | 0.00           |
| 10) Phenanthrene-d10        | 17.08 | 188  | 494464   | 20.00 | ng    | 0.00           |
| 11) Chrysene-d12            | 21.26 | 240  | 403413   | 20.00 | ng    | 0.00           |
| 13) Perylene-d12            | 23.51 | 264  | 380790   | 20.00 | ng    | 0.00           |
| System Monitoring Compounds |       |      |          |       |       |                |
| 2) 2-Fluorophenol           | 5.29  | 112  | 412129   | 79.93 | ng    | 0.00           |
| 3) Phenol-d6                | 6.89  | 99   | 639328   | 80.41 | ng    | 0.00           |
| 5) Nitrobenzene-d5          | 8.85  | 82   | 470411   | 79.80 | ng    | 0.00           |
| 8) 2,4,6-Tribromophenol     | 15.83 | 330  | 119959   | 80.46 | ng    | 0.00           |
| 9) 2-Fluorobiphenyl         | 12.96 | 172  | 992479   | 77.52 | ng    | 0.00           |
| 12) Terphenyl-d14           | 19.71 | 244  | 1148733  | 78.40 | ng    | 0.00           |
| Target Compounds            |       |      |          |       |       |                |
| 6) Terpineol                | 10.54 | 59   | 18715    | 39.07 | ng    | Qvalue<br># 70 |

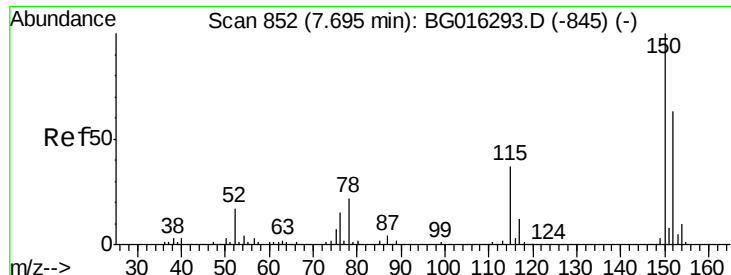
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 09 19:35:19 2015  
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.70 min Scan# 852

Delta R.T. 0.00 min

Lab File: BG016297.D

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Instrument :

BNA\_G

ClientSampleId :

ICVBG040915

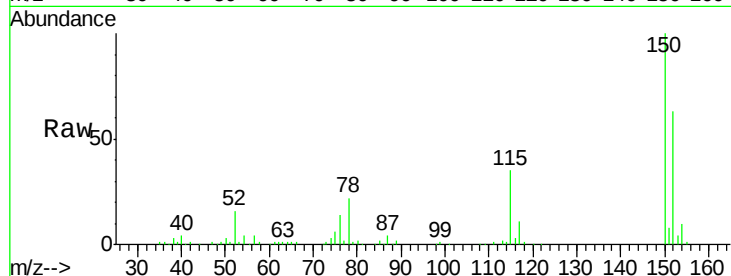
Tgt Ion:152 Resp: 80428

Ion Ratio Lower Upper

152 100

150 159.8 139.4 209.0

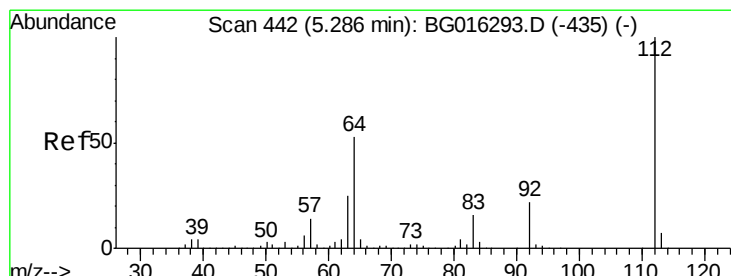
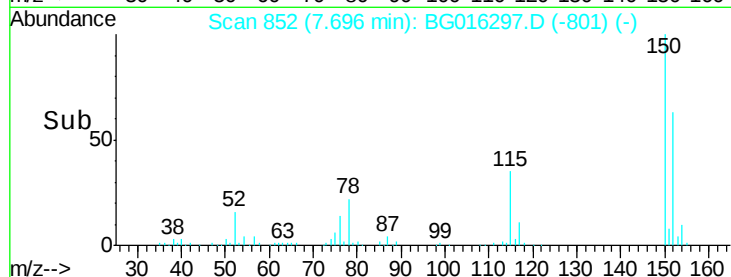
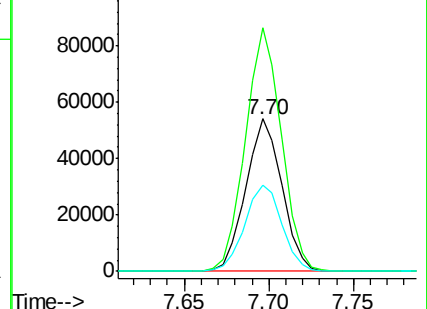
115 56.5 44.6 67.0



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



#2

2-Fluorophenol

Concen: 79.93 ng

RT: 5.29 min Scan# 442

Delta R.T. 0.00 min

Lab File: BG016297.D

Acq: 9 Apr 2015 19:42

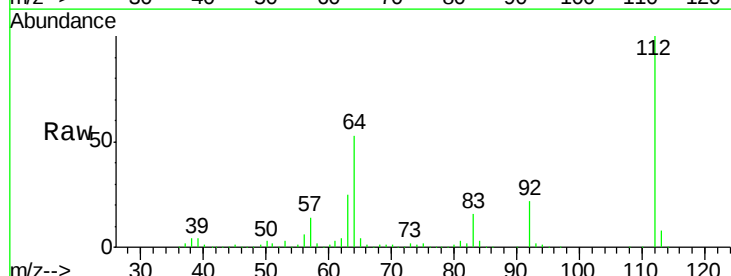
Tgt Ion:112 Resp: 412129

Ion Ratio Lower Upper

112 100

64 52.5 38.3 57.5

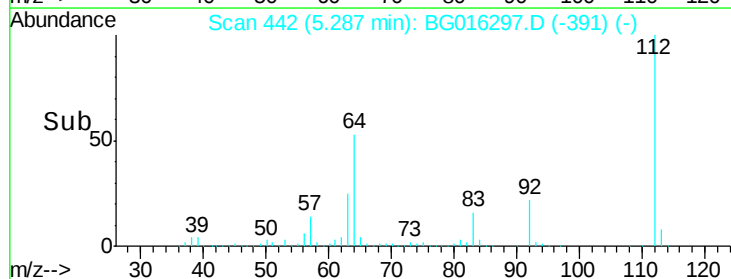
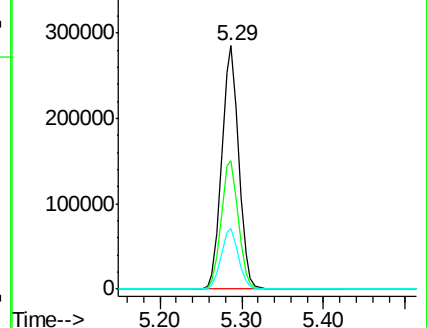
63 24.7 24.2 36.4

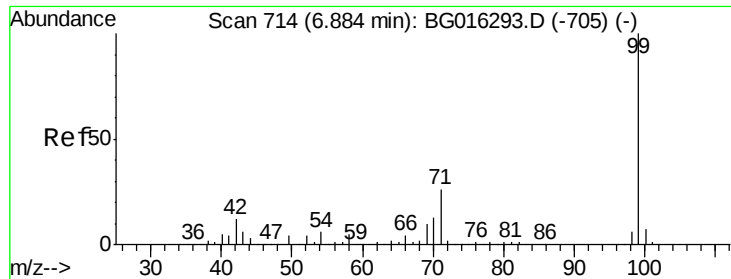


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#3

Phenol-d6

Concen: 80.41 ng

RT: 6.89 min Scan# 714

Delta R.T. 0.00 min

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Instrument :

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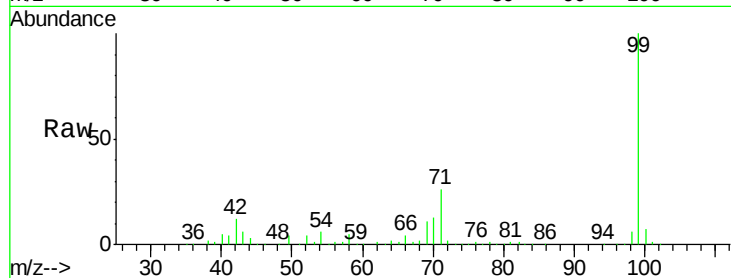
Tgt Ion: 99 Resp: 639328

Ion Ratio Lower Upper

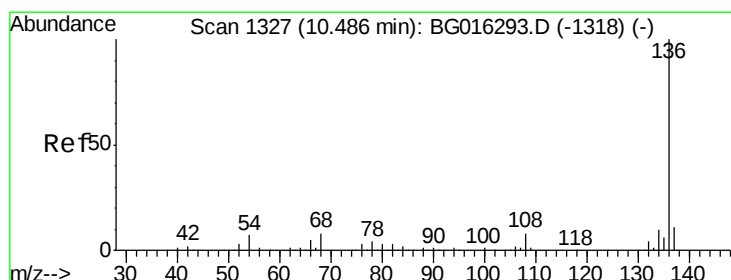
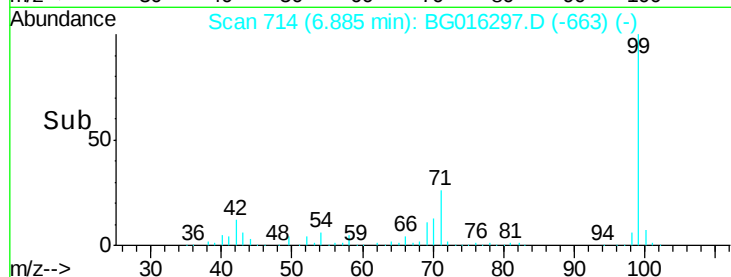
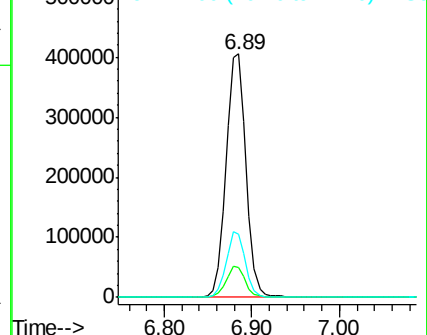
99 100

42 12.5 16.5 24.7#

71 26.0 40.0 60.0#



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



#4

Naphthalene-d8

Concen: 20.00 ng

RT: 10.48 min Scan# 1326

Delta R.T. -0.00 min

Lab File: BG016297.D

Acq: 9 Apr 2015 19:42

Tgt Ion: 136 Resp: 413406

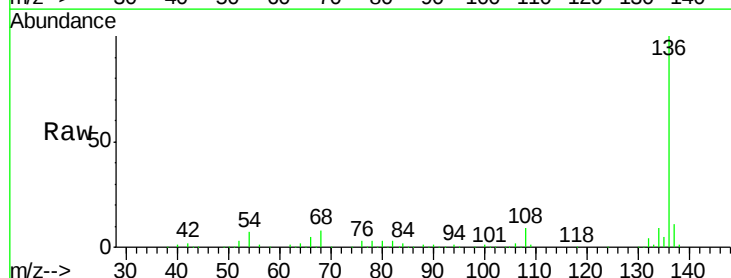
Ion Ratio Lower Upper

136 100

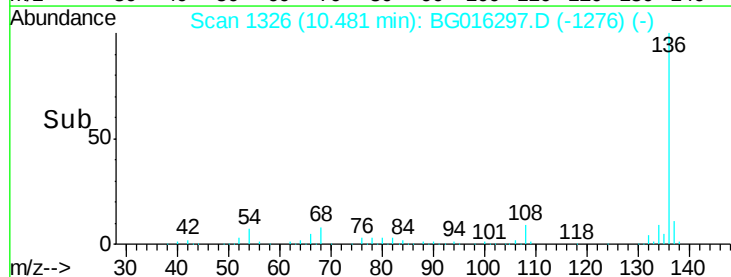
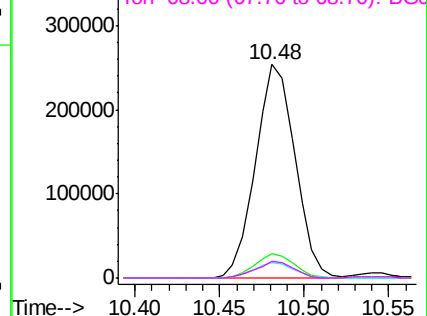
137 11.2 9.7 14.5

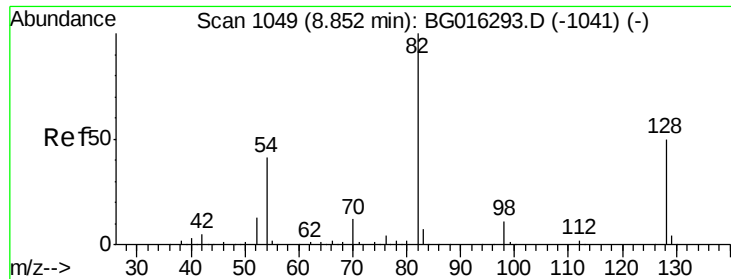
54 7.4 3.2 4.8#

68 7.7 1.6 2.4#



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





#5

Nitrobenzene-d5

Concen: 79.80 ng

RT: 8.85 min Scan# 1049

Delta R.T. 0.00 min

Lab File: BG016297.D

Acq: 9 Apr 2015 19:42

Instrument :

BNA\_G

ClientSampleId :

ICVBG040915

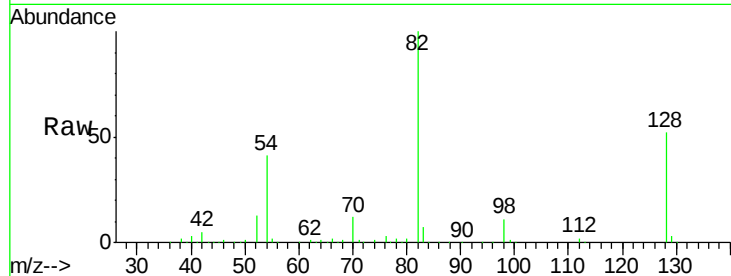
Tgt Ion: 82 Resp: 470411

Ion Ratio Lower Upper

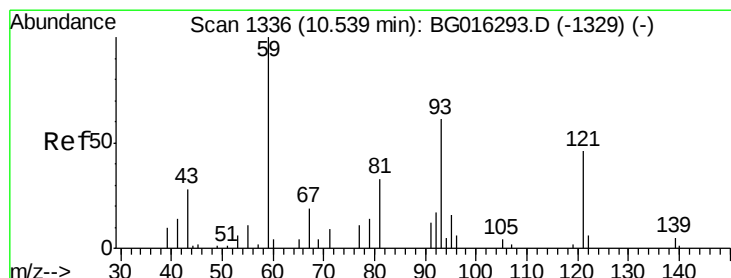
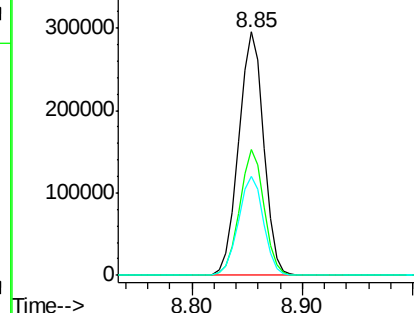
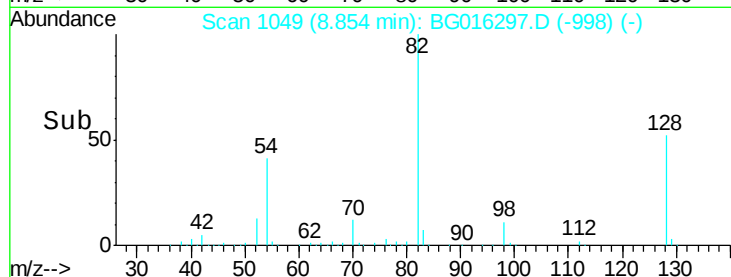
82 100

128 51.5 37.5 56.3

54 40.6 41.0 61.4#



Abundance Ion 82.00 (81.70 to 82.70): BGC  
Ion 128.00 (127.70 to 128.70): BGC  
Ion 54.00 (53.70 to 54.70): BGC



#6

Terpineol

Concen: 39.07 ng

RT: 10.54 min Scan# 1336

Delta R.T. 0.00 min

Lab File: BG016297.D

Acq: 9 Apr 2015 19:42

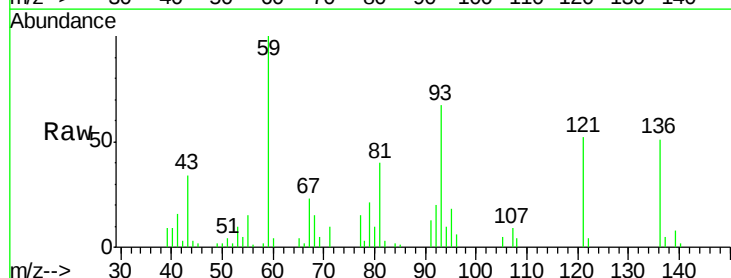
Tgt Ion: 59 Resp: 18715

Ion Ratio Lower Upper

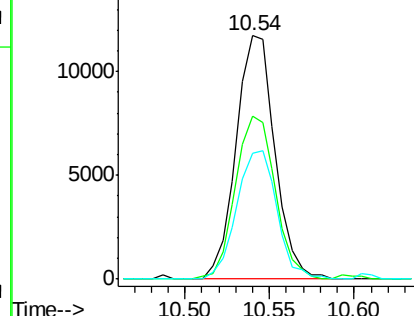
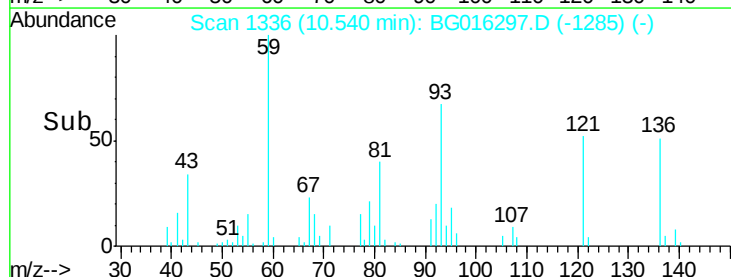
59 100

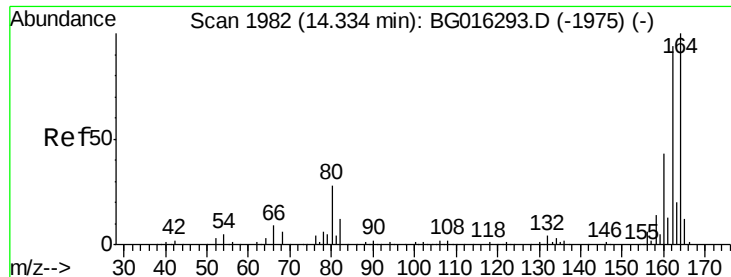
93 66.7 66.9 100.3#

121 51.7 72.0 108.0#



Abundance Ion 59.00 (58.70 to 59.70): BGC  
Ion 93.00 (92.70 to 93.70): BGC  
Ion 121.00 (120.70 to 121.70): BGC





#7

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.34 min Scan# 1982

Delta R.T. 0.00 min

Lab File: BG016297.D

Acq: 9 Apr 2015 19:42

Instrument :

BNA\_G

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ICVBG040915

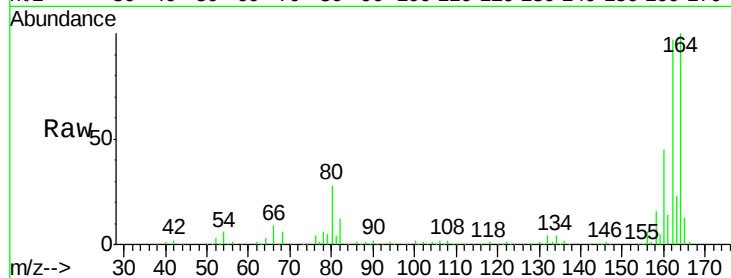
Tgt Ion:164 Resp: 248827

Ion Ratio Lower Upper

164 100

162 97.4 72.8 109.2

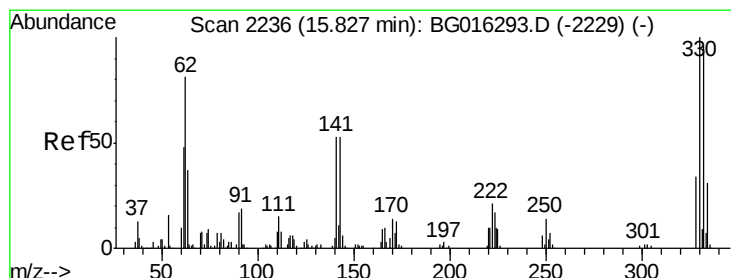
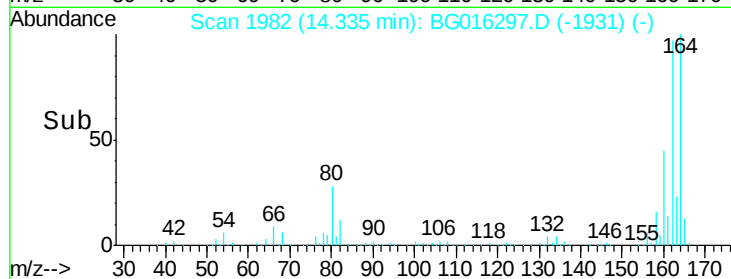
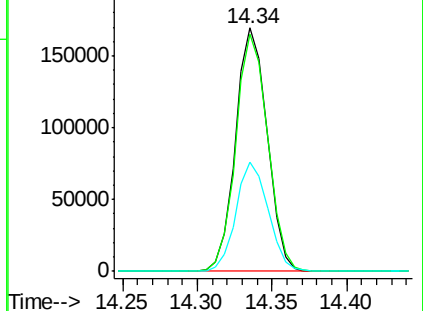
160 45.1 31.9 47.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#8

2,4,6-Tribromophenol

Concen: 80.46 ng

RT: 15.83 min Scan# 2236

Delta R.T. 0.00 min

Lab File: BG016297.D

Acq: 9 Apr 2015 19:42

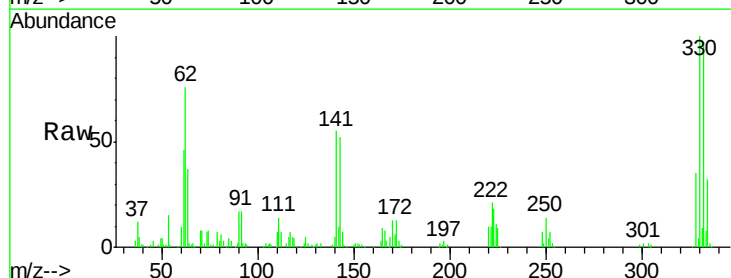
Tgt Ion:330 Resp: 119959

Ion Ratio Lower Upper

330 100

332 96.0 79.6 119.4

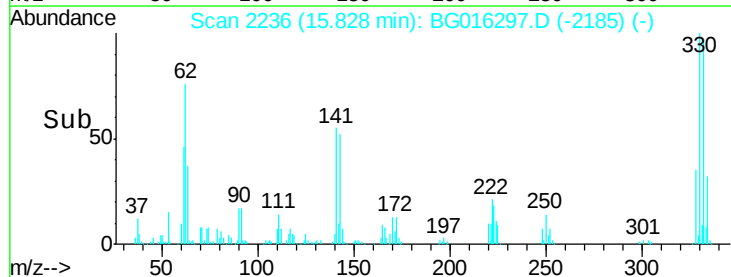
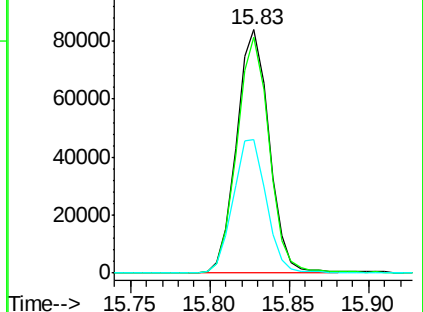
141 55.9 27.3 40.9#

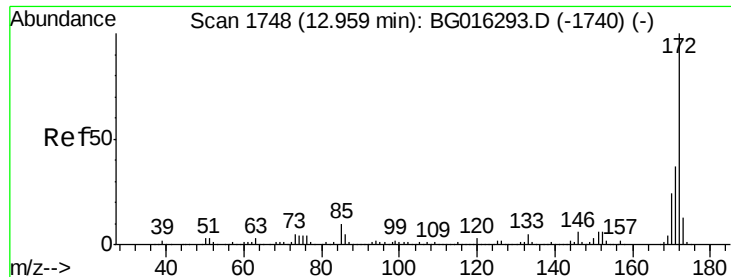


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

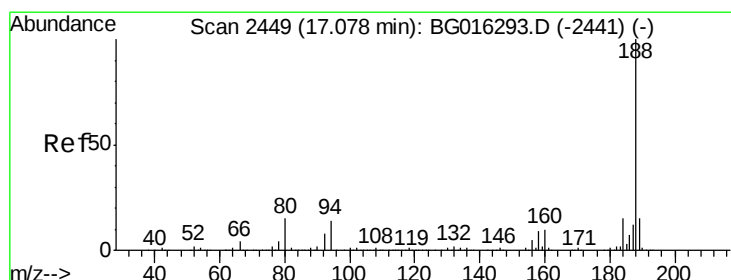
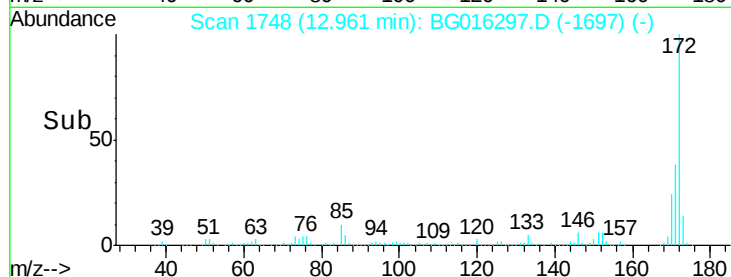
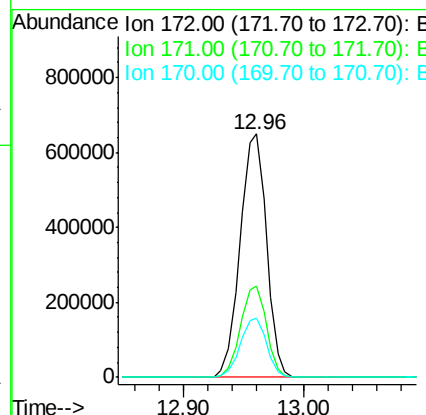
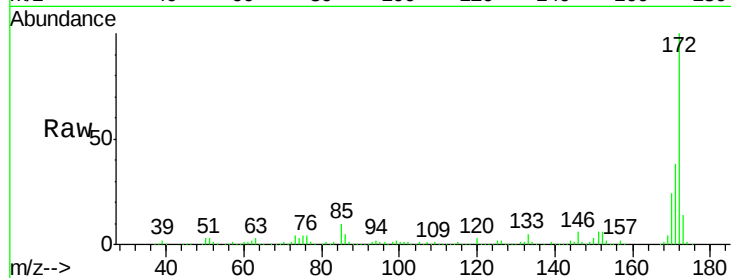




#9  
 2-Fluorobiphenyl  
 Concen: 77.52 ng  
 RT: 12.96 min Scan# 1748  
 Delta R.T. 0.00 min  
 Lab File: BG016297.D  
 Acq: 9 Apr 2015 19:42

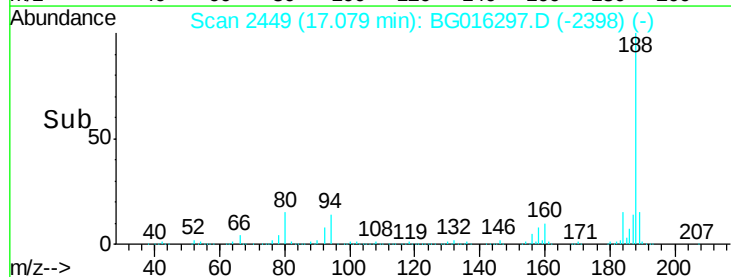
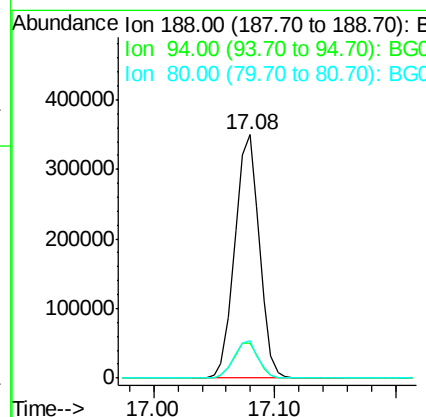
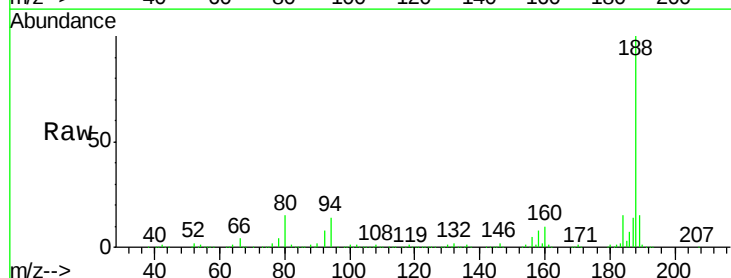
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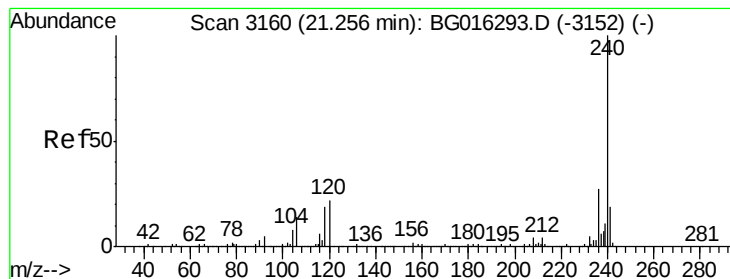
Tgt Ion:172 Resp: 992479  
 Ion Ratio Lower Upper  
 172 100  
 171 37.6 31.1 46.7  
 170 24.4 19.8 29.8



#10  
 Phenanthrene-d10  
 Concen: 20.00 ng  
 RT: 17.08 min Scan# 2449  
 Delta R.T. 0.00 min  
 Lab File: BG016297.D  
 Acq: 9 Apr 2015 19:42

Tgt Ion:188 Resp: 494464  
 Ion Ratio Lower Upper  
 188 100  
 94 14.3 4.0 6.0#  
 80 15.2 3.4 5.2#





#11

Chrysene-d12

Concen: 20.00 ng

RT: 21.26 min Scan# 3160

Delta R.T. 0.00 min

Lab File: BG016297.D

Acq: 9 Apr 2015 19:42

Instrument :

BNA\_G

ClientSampleId :

ICVBG040915

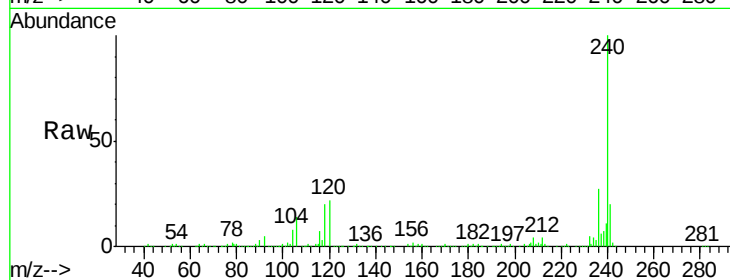
Tgt Ion:240 Resp: 403413

Ion Ratio Lower Upper

240 100

120 22.2 4.9 7.3#

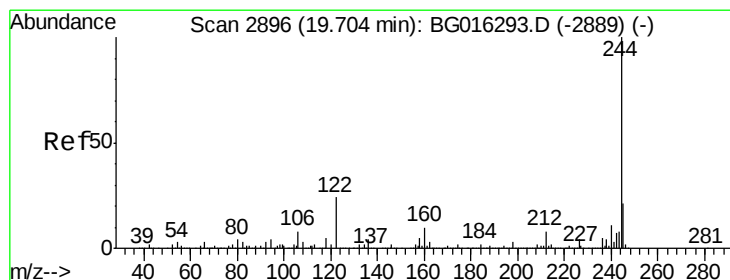
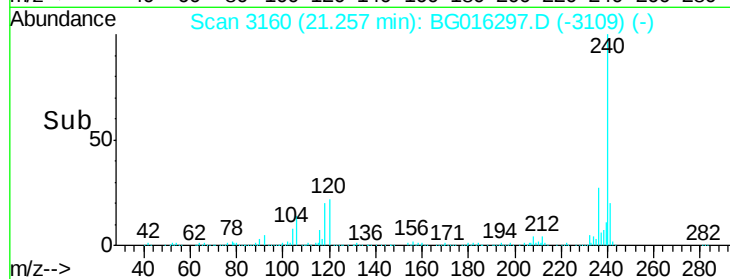
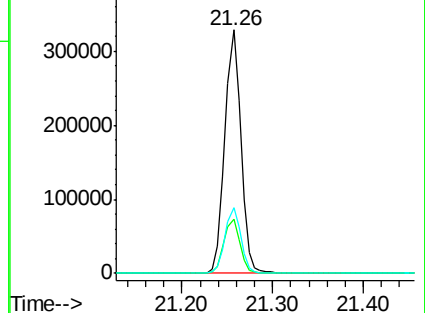
236 27.0 18.8 28.2



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: 78.40 ng

RT: 19.71 min Scan# 2896

Delta R.T. 0.01 min

Lab File: BG016297.D

Acq: 9 Apr 2015 19:42

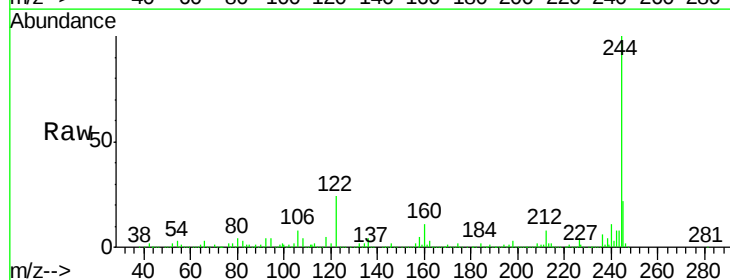
Tgt Ion:244 Resp: 1148733

Ion Ratio Lower Upper

244 100

212 8.2 5.7 8.5

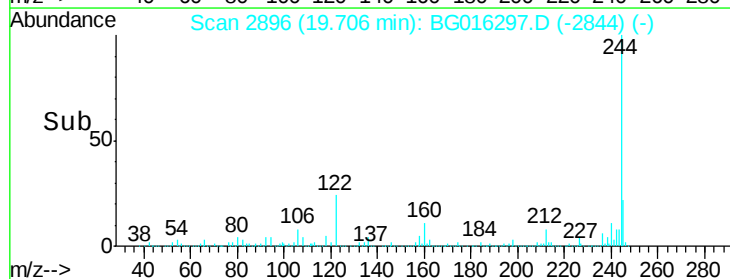
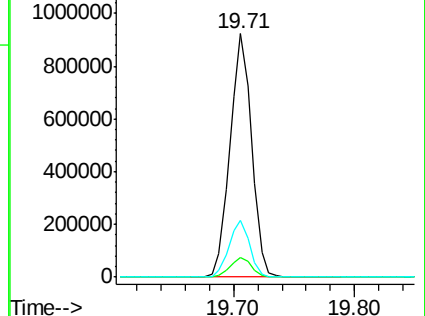
122 23.5 5.4 8.2#

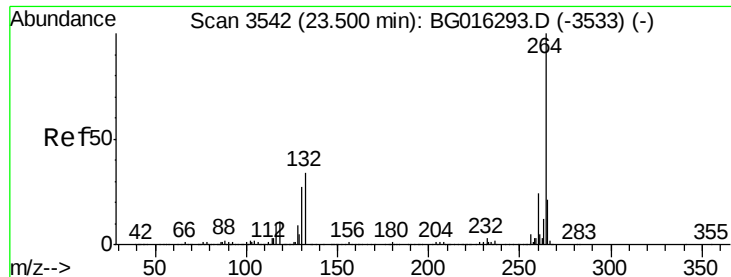


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.51 min Scan# 3543  
Delta R.T. 0.01 min  
Lab File: BG016297.D  
Acq: 9 Apr 2015 19:42

Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG040915

Tgt Ion: 264 Resp: 380790  
Ion Ratio Lower Upper  
264 100  
260 24.9 17.5 26.3  
265 21.8 17.0 25.4

