

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061015\
 Data File : BG017608.D
 Acq On : 10 Jun 2015 19:35
 Operator : TP/IZ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG061015

Quant Time: Jun 11 04:20:19 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

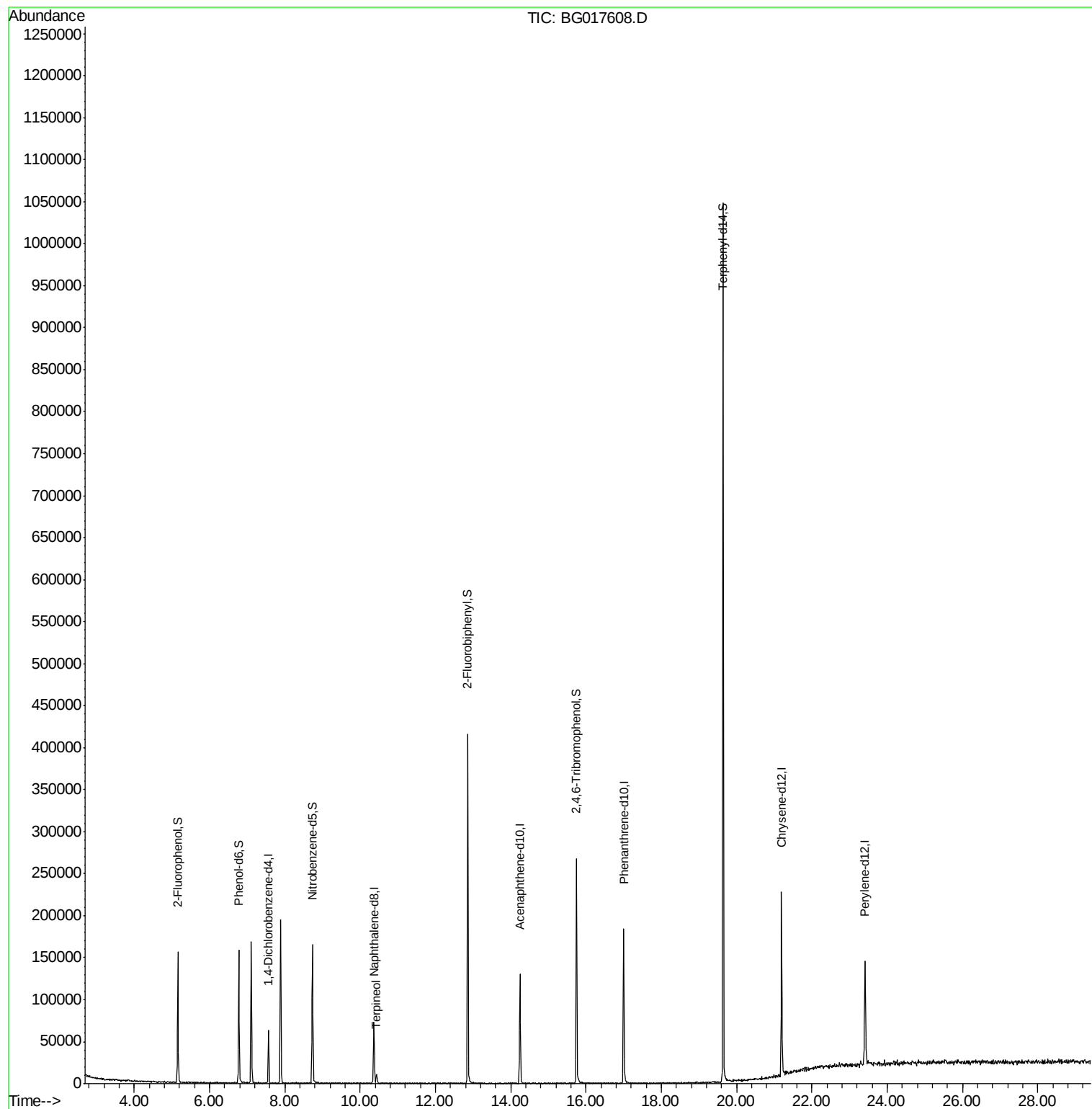
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	11572	20.00	ng	0.00
4) Naphthalene-d8	10.36	136	53363	20.00	ng	0.00
7) Acenaphthene-d10	14.25	164	40769	20.00	ng	0.00
10) Phenanthrene-d10	17.00	188	103577	20.00	ng	0.00
11) Chrysene-d12	21.20	240	103383	20.00	ng	0.00
13) Perylene-d12	23.42	264	99934	20.00	ng	0.00
System Monitoring Compounds						
2) 2-Fluorophenol	5.16	112	47048	80.56	ng	0.00
3) Phenol-d6	6.78	99	61247	83.80	ng	0.00
5) Nitrobenzene-d5	8.73	82	80621	83.06	ng	0.00
8) 2,4,6-Tribromophenol	15.75	330	37224	75.29	ng	0.00
9) 2-Fluorobiphenyl	12.86	172	182670	80.39	ng	0.00
12) Terphenyl-d14	19.64	244	422746	82.20	ng	0.00
Target Compounds						
6) Terpineol	10.43	59	3998	41.89	ng	Qvalue # 69

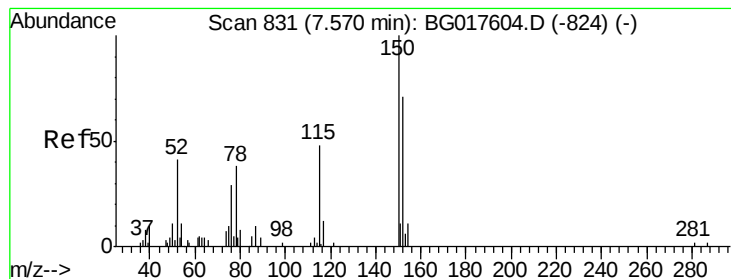
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.56 min Scan# 830

Delta R.T. -0.01 min

Lab File: BG017608.D

Acq: 10 Jun 2015 19:35

Instrument :

BNA_G

ClientSampleId :

ICVBG061015

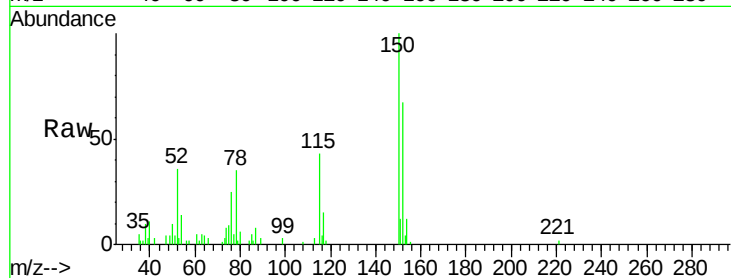
Tgt Ion:152 Resp: 11572

Ion Ratio Lower Upper

152 100

150 148.3 112.5 168.7

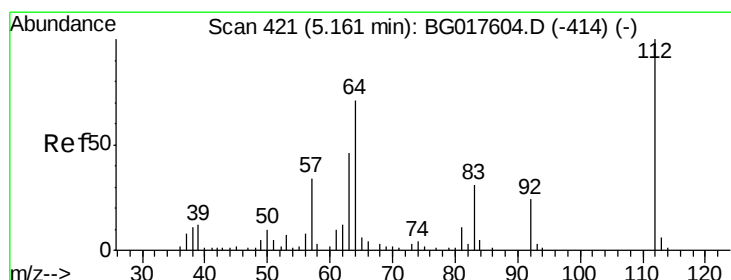
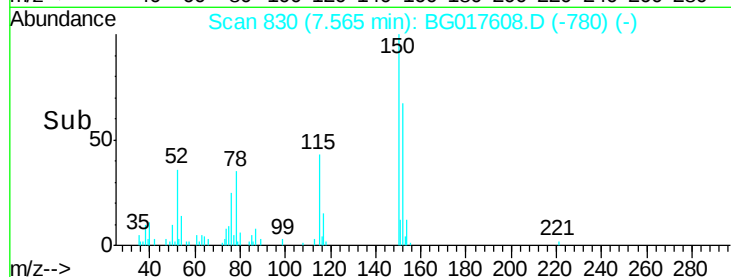
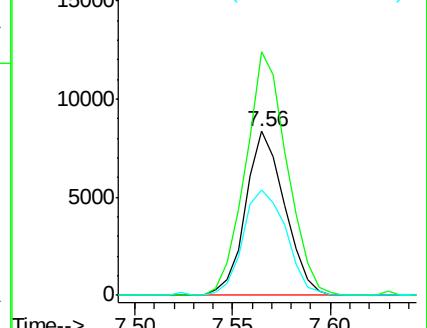
115 63.9 54.5 81.7



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: 80.56 ng

RT: 5.16 min Scan# 420

Delta R.T. -0.01 min

Lab File: BG017608.D

Acq: 10 Jun 2015 19:35

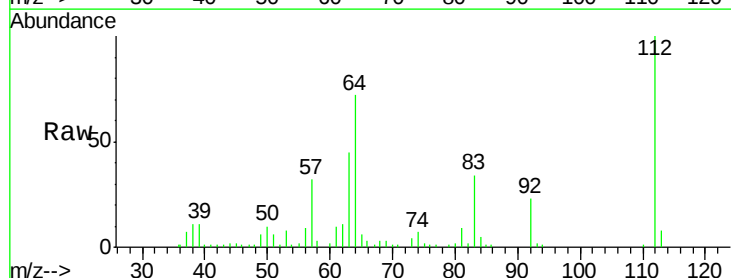
Tgt Ion:112 Resp: 47048

Ion Ratio Lower Upper

112 100

64 71.8 57.0 85.4

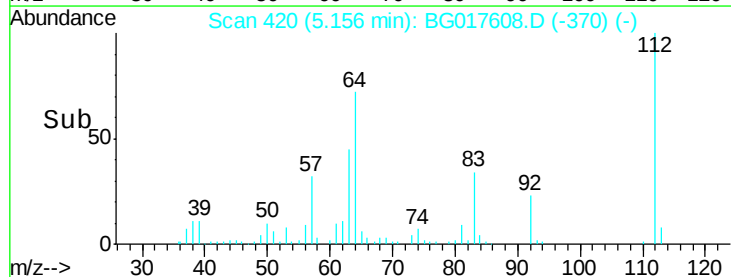
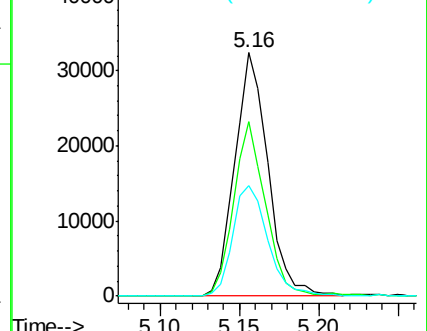
63 45.2 37.1 55.7

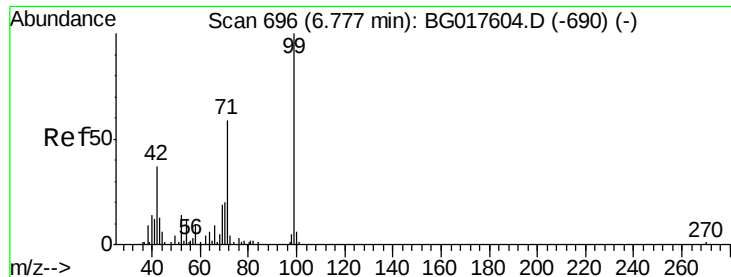


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#3

Phenol-d6

Concen: 83.80 ng

RT: 6.78 min Scan# 696

Delta R.T. 0.00 min

Lab File: BG017608.D

Acq: 10 Jun 2015 19:35

Instrument :

BNA_G

ClientSampleId :

ICVBG061015

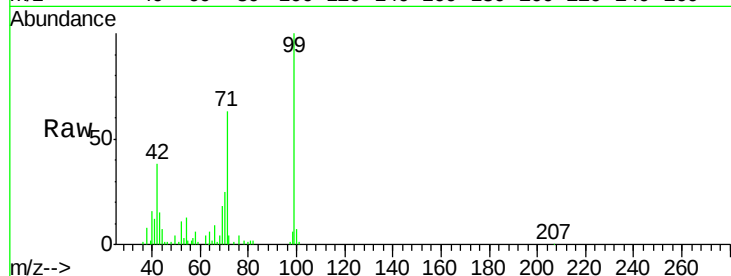
Tgt Ion: 99 Resp: 61247

Ion Ratio Lower Upper

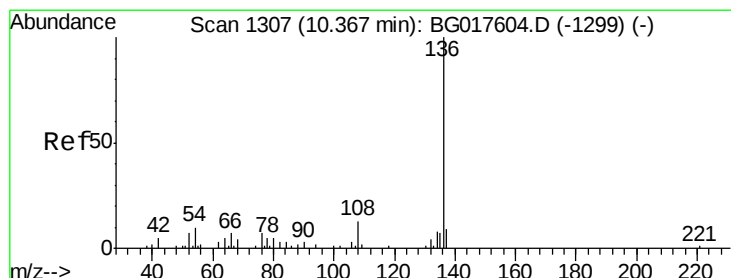
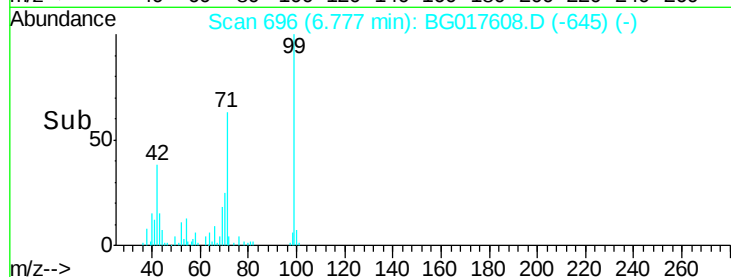
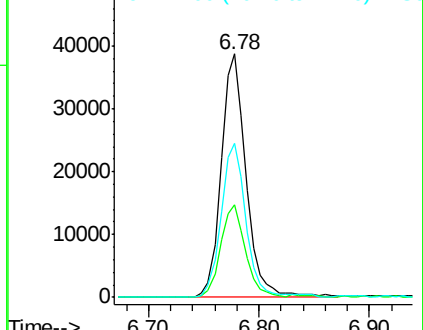
99 100

42 37.9 29.9 44.9

71 63.2 47.3 70.9



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: 10.36 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BG017608.D

Acq: 10 Jun 2015 19:35

Tgt Ion: 136 Resp: 53363

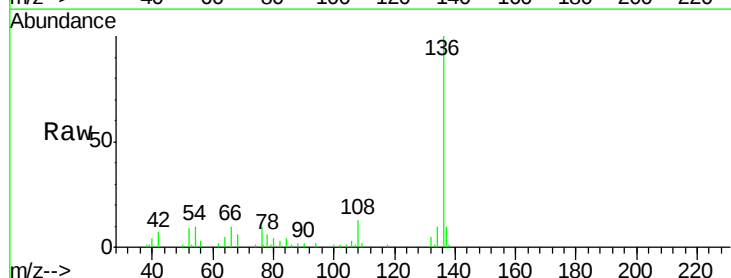
Ion Ratio Lower Upper

136 100

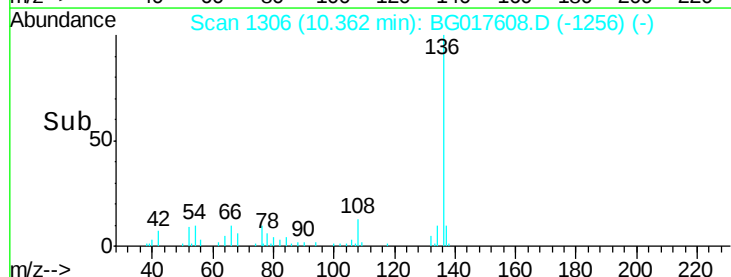
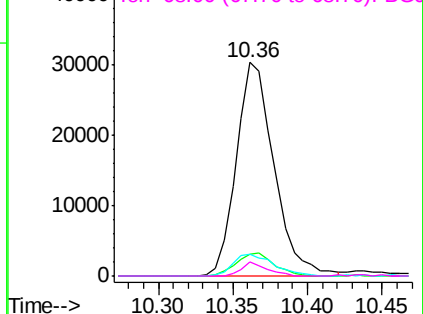
137 10.1 7.2 10.8

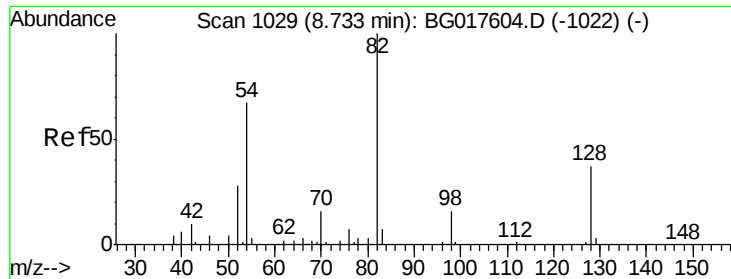
54 10.2 7.6 11.4

68 6.5 3.0 4.6#



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: 83.06 ng

RT: 8.73 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BG017608.D

Acq: 10 Jun 2015 19:35

Instrument :

BNA_G

ClientSampleId :

ICVBG061015

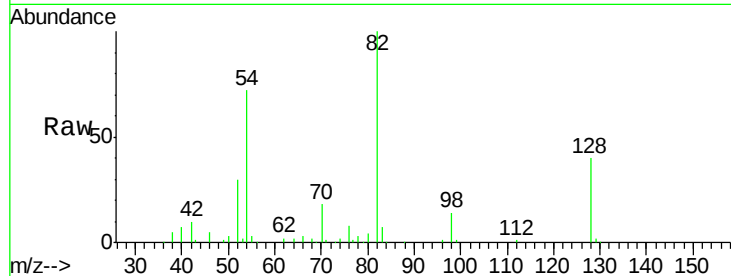
Tgt Ion: 82 Resp: 80621

Ion Ratio Lower Upper

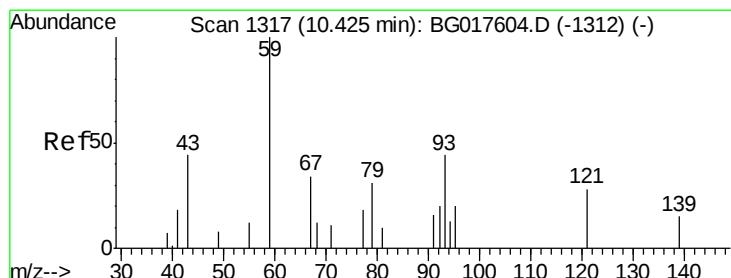
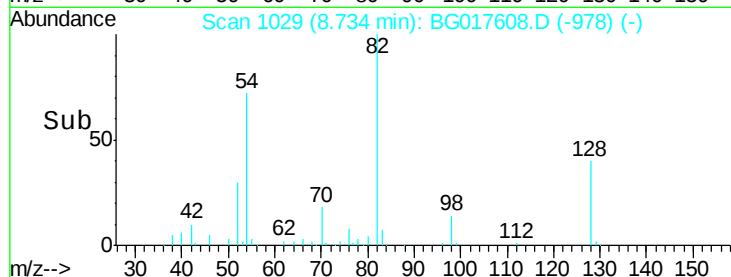
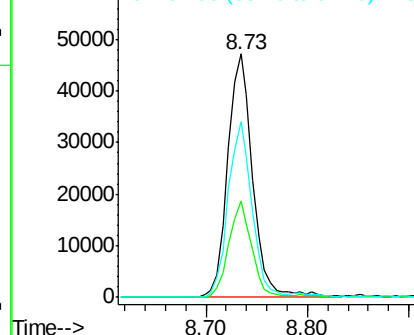
82 100

128 39.7 29.8 44.6

54 72.0 53.9 80.9



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: 41.89 ng

RT: 10.43 min Scan# 1318

Delta R.T. 0.01 min

Lab File: BG017608.D

Acq: 10 Jun 2015 19:35

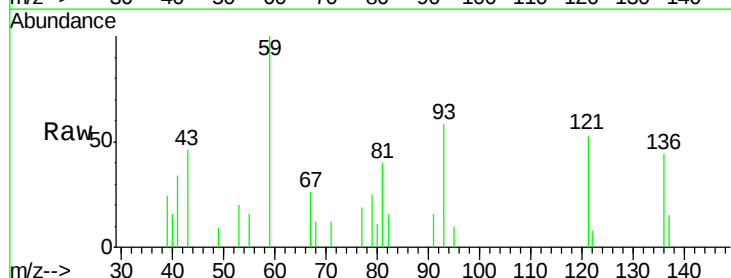
Tgt Ion: 59 Resp: 3998

Ion Ratio Lower Upper

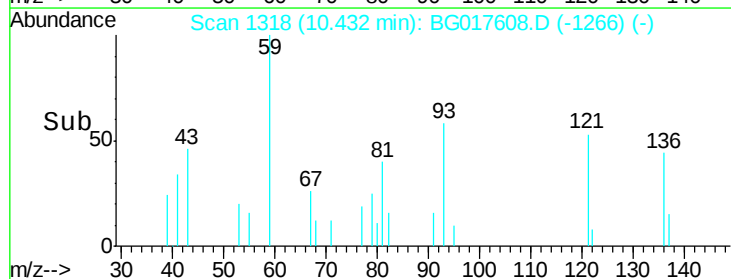
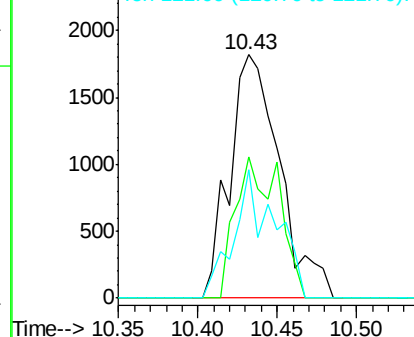
59 100

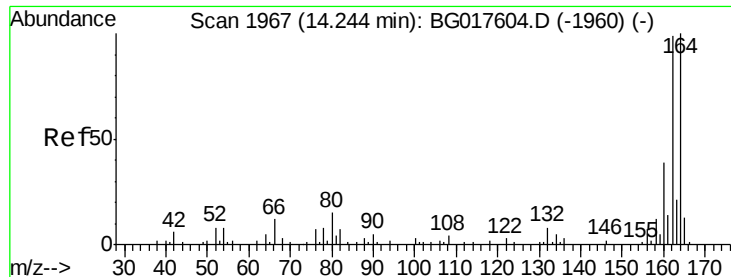
93 57.9 35.5 53.3#

121 52.9 22.6 34.0#



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: 14.25 min Scan# 1967

Delta R.T. 0.00 min

Lab File: BG017608.D

Acq: 10 Jun 2015 19:35

Instrument :

BNA_G

ClientSampleId :

ICVBG061015

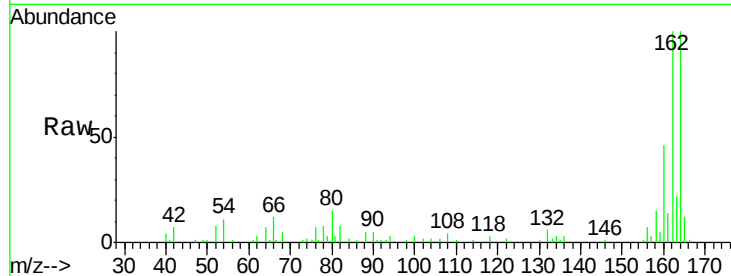
Tgt Ion:164 Resp: 40769

Ion Ratio Lower Upper

164 100

162 100.3 79.0 118.4

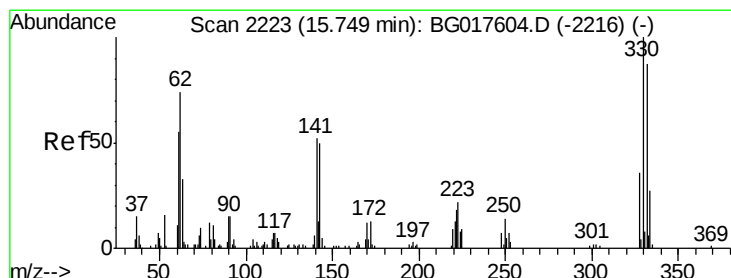
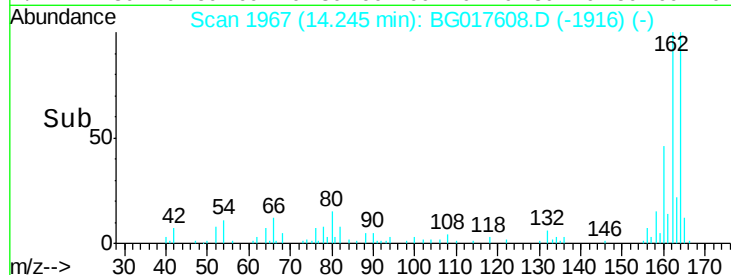
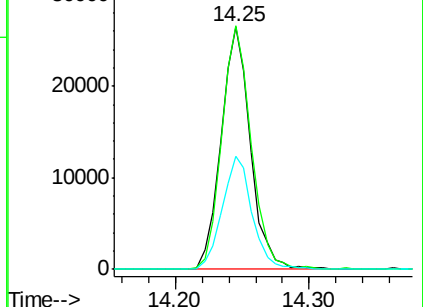
160 46.3 31.5 47.3



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: 75.29 ng

RT: 15.75 min Scan# 2223

Delta R.T. 0.00 min

Lab File: BG017608.D

Acq: 10 Jun 2015 19:35

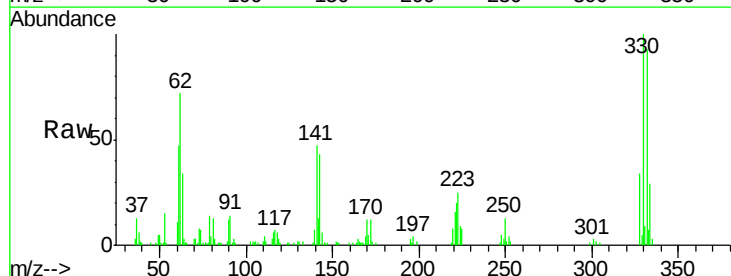
Tgt Ion:330 Resp: 37224

Ion Ratio Lower Upper

330 100

332 102.0 71.3 106.9

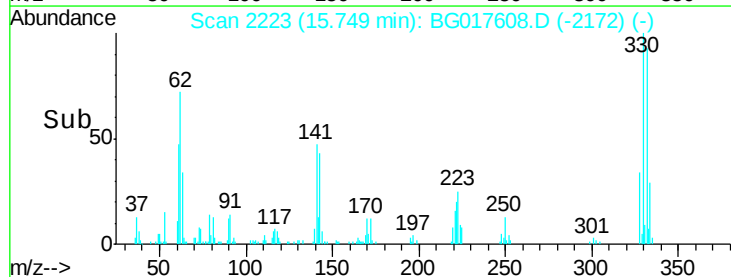
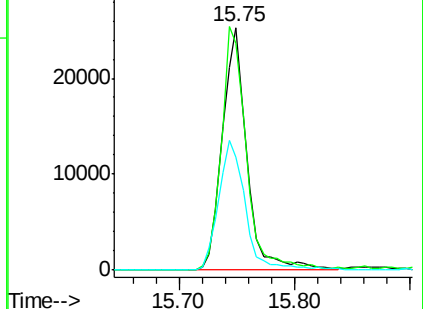
141 57.2 44.8 67.2

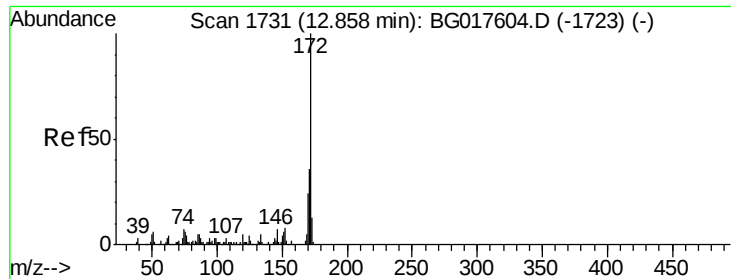


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#9

2-Fluorobiphenyl

Concen: 80.39 ng

RT: 12.86 min Scan# 1731

Delta R.T. 0.00 min

Lab File: BG017608.D

Acq: 10 Jun 2015 19:35

Instrument :

BNA_G

ClientSampleId :

ICVBG061015

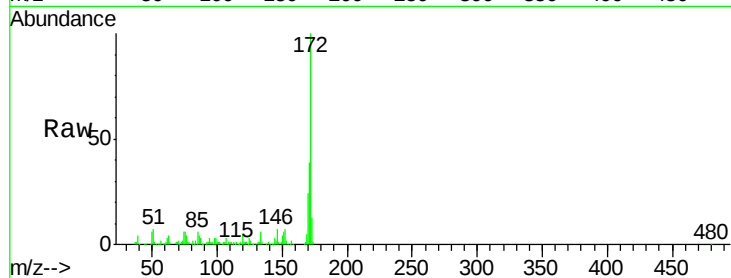
Tgt Ion:172 Resp: 182670

Ion Ratio Lower Upper

172 100

171 38.7 28.7 43.1

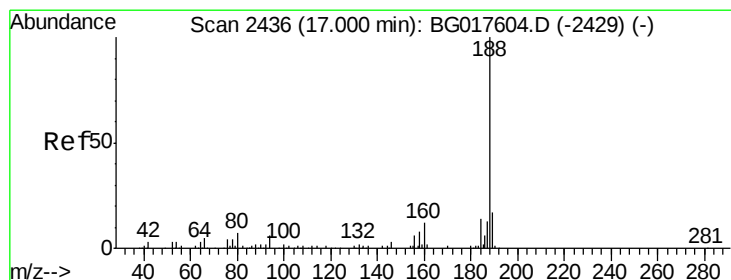
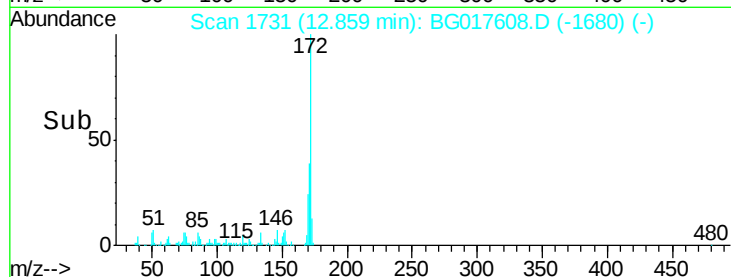
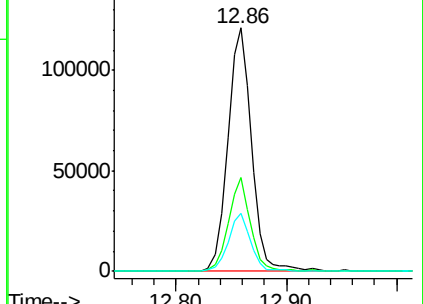
170 23.9 19.4 29.0



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# 2436

Delta R.T. 0.00 min

Lab File: BG017608.D

Acq: 10 Jun 2015 19:35

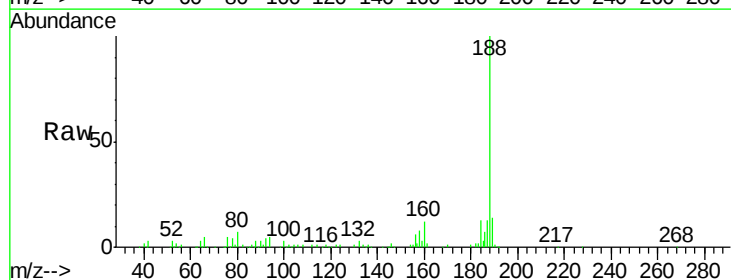
Tgt Ion:188 Resp: 103577

Ion Ratio Lower Upper

188 100

94 5.4 5.0 7.6

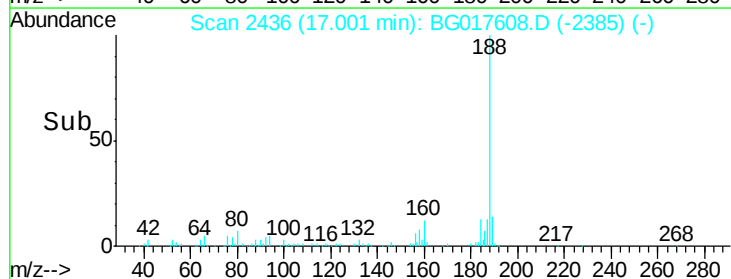
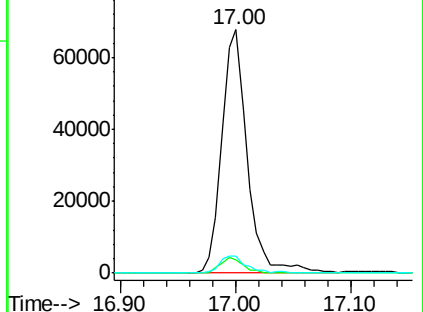
80 7.2 5.3 7.9

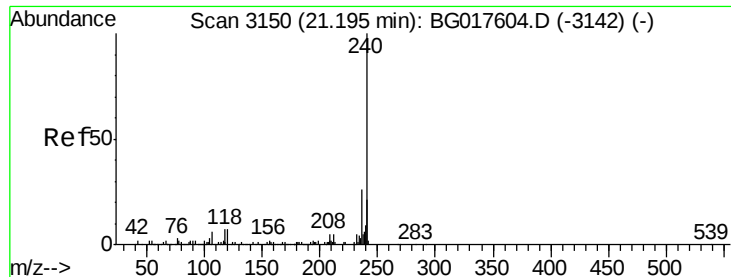


Abundance Ion 188.00 (187.70 to 188.70): E

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: BG017608.D

Acq: 10 Jun 2015 19:35

Instrument :

BNA_G

ClientSampleId :

ICVBG061015

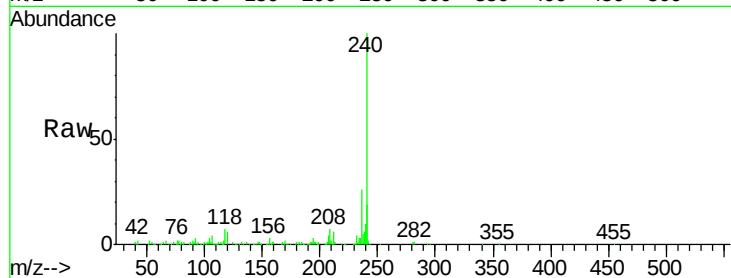
Tgt Ion:240 Resp: 103383

Ion Ratio Lower Upper

240 100

120 6.3 5.4 8.0

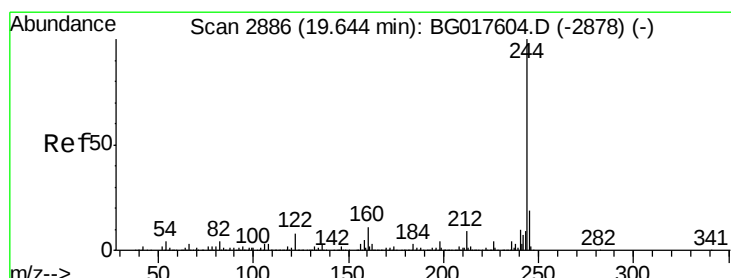
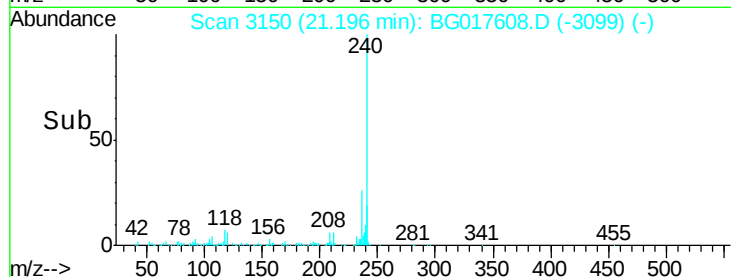
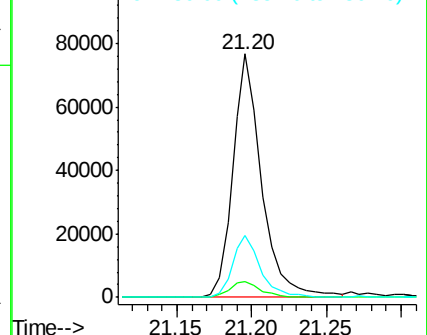
236 25.6 20.6 31.0



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: 82.20 ng

RT: 19.64 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG017608.D

Acq: 10 Jun 2015 19:35

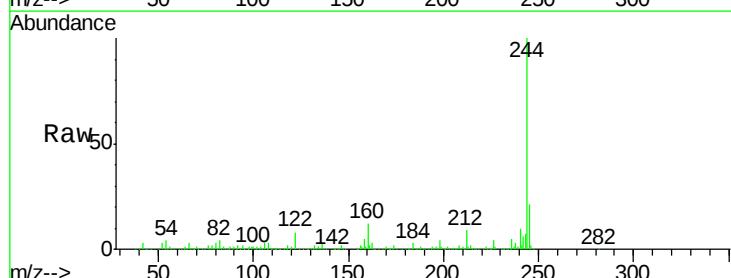
Tgt Ion:244 Resp: 422746

Ion Ratio Lower Upper

244 100

212 8.7 7.0 10.6

122 8.0 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

