

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061615\
 Data File : BG017710.D
 Acq On : 17 Jun 2015 5:01
 Operator : TP/IZ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050

Quant Time: Jun 17 06:57:09 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\625-TERPINEOL-BG061615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 17 06:53:20 2015
 Response via : Initial Calibration

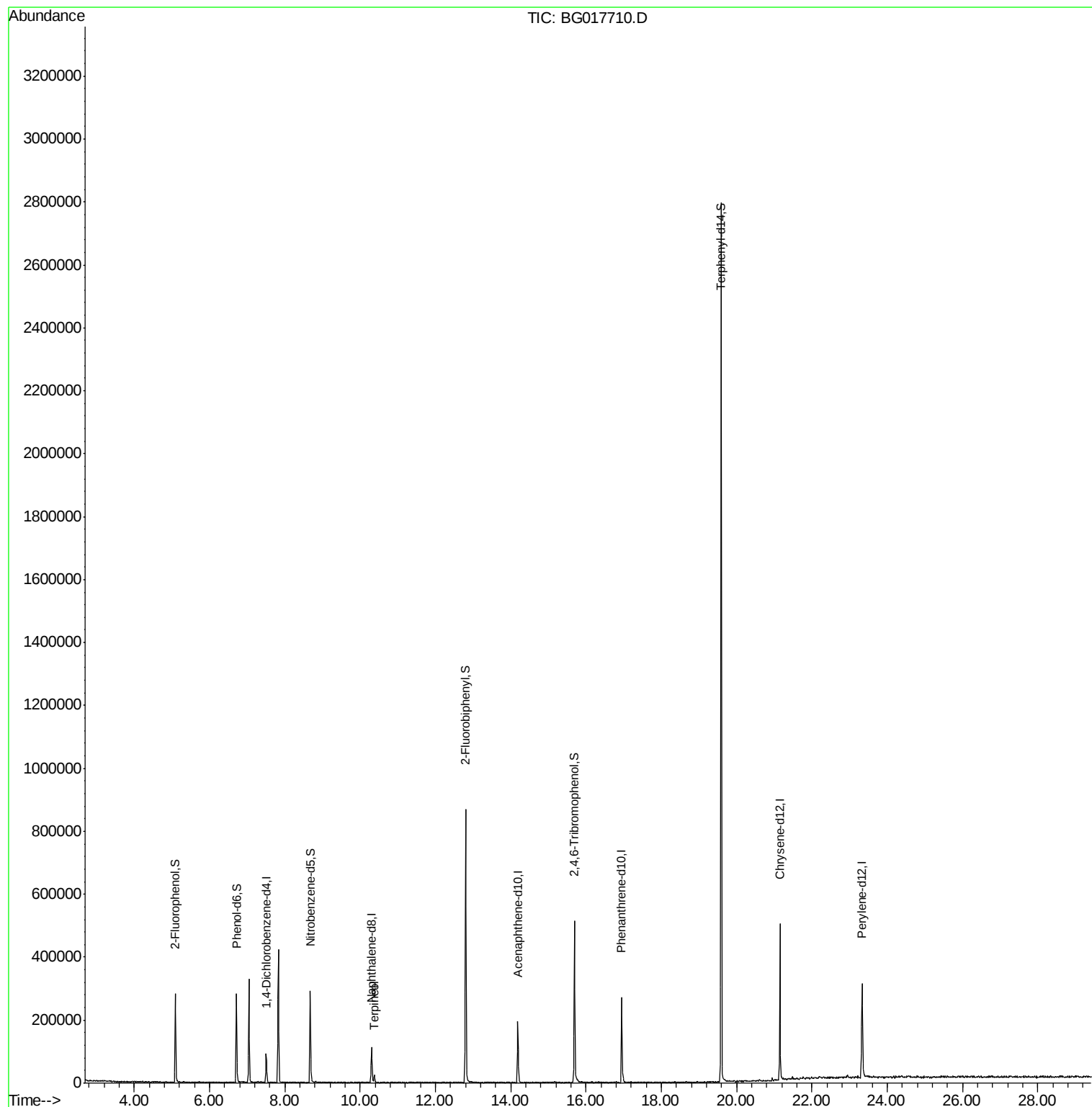
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	17490	20.00	ng	0.00
4) Naphthalene-d8	10.31	136	75740	20.00	ng	0.00
7) Acenaphthene-d10	14.19	164	58646	20.00	ng	0.00
10) Phenanthrene-d10	16.95	188	165880	20.00	ng	0.00
11) Chrysene-d12	21.15	240	257193	20.00	ng	0.00
13) Perylene-d12	23.33	264	218085	20.00	ng	0.00
System Monitoring Compounds						
2) 2-Fluorophenol	5.09	112	88474	101.70	ng	0.00
3) Phenol-d6	6.71	99	114027	104.93	ng	0.00
5) Nitrobenzene-d5	8.68	82	156530	111.57	ng	0.00
8) 2,4,6-Tribromophenol	15.70	330	77768	110.55	ng	0.00
9) 2-Fluorobiphenyl	12.81	172	378199	114.44	ng	0.00
12) Terphenyl-d14	19.59	244	1154103	92.17	ng	0.00
Target Compounds						
6) Terpineol	10.38	59	3819	31.33	ng	Qvalue # 71

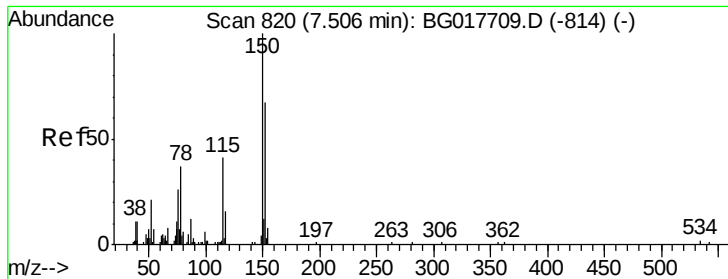
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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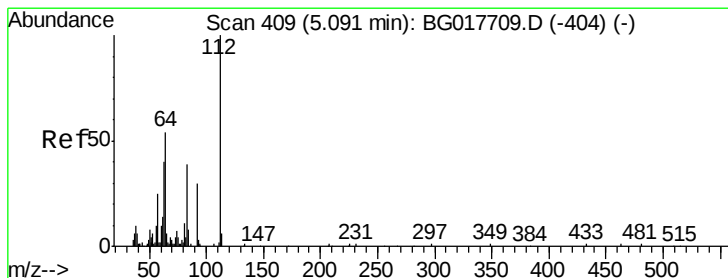
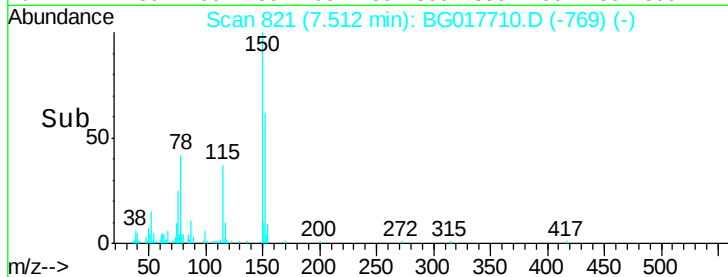
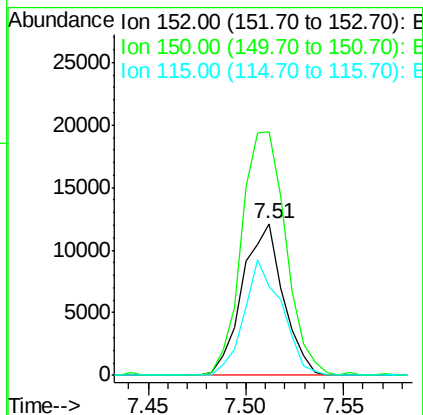
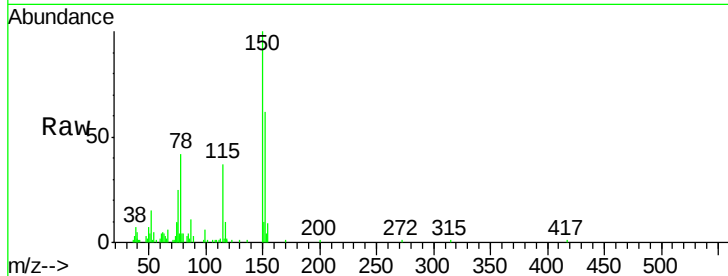


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.51 min Scan# 821
Delta R.T. 0.01 min
Lab File: BG017710.D
Acq: 17 Jun 2015 5:01

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

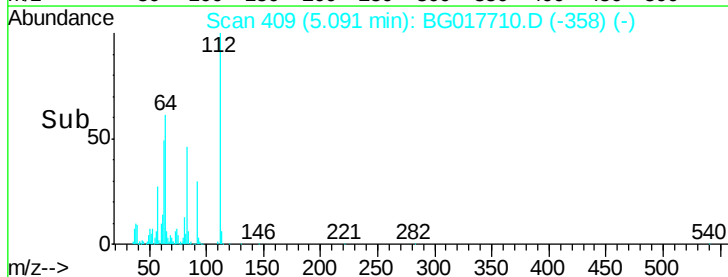
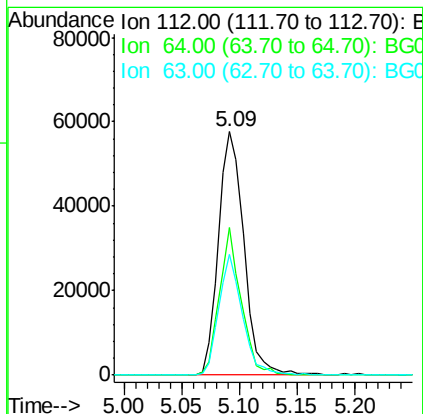
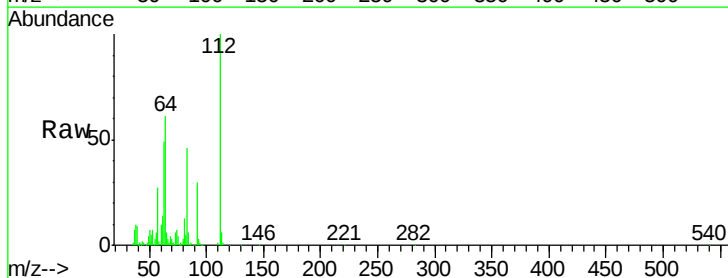
Tgt Ion	Resp	Lower	Upper
152	17490		
150	151.0	119.8	179.6
115	55.3	49.6	74.4

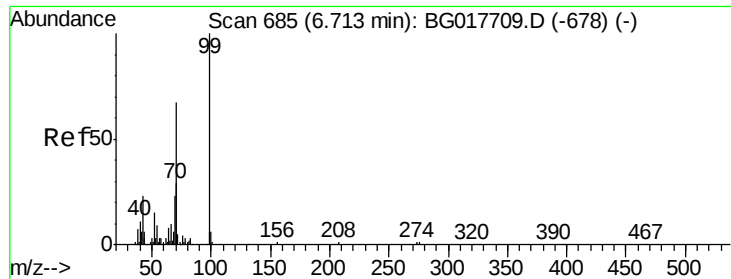


#2

2-Fluorophenol
Concen: 101.70 ng
RT: 5.09 min Scan# 409
Delta R.T. -0.00 min
Lab File: BG017710.D
Acq: 17 Jun 2015 5:01

Tgt Ion	Resp	Lower	Upper
112	88474		
64	60.9	43.5	65.3
63	49.5	32.2	48.2#





#3

Phenol-d6

Concen: 104.93 ng

RT: 6.71 min Scan# 685

Delta R.T. -0.00 min

Lab File: BG017710.D

Acq: 17 Jun 2015 5:01

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

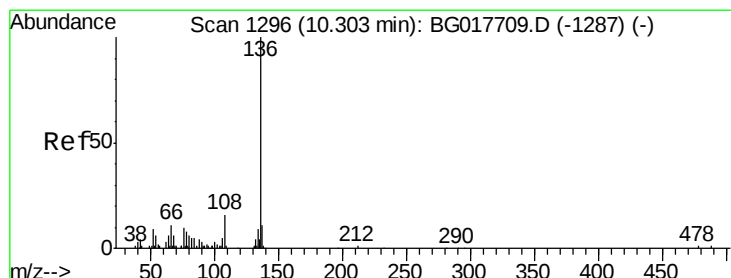
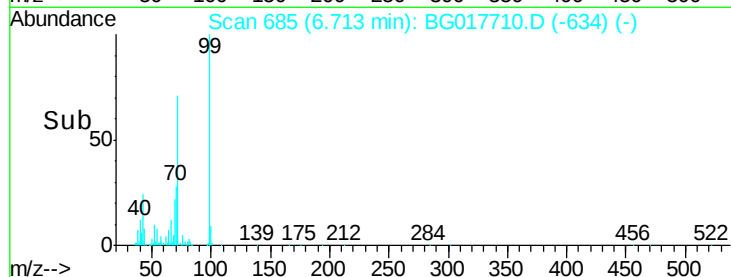
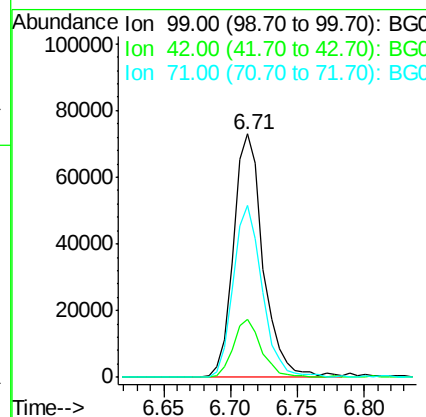
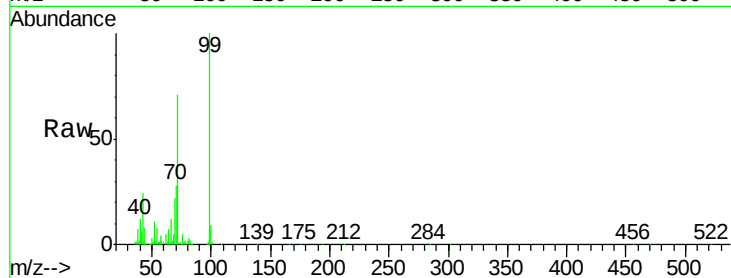
Tgt Ion: 99 Resp: 114027

Ion Ratio Lower Upper

99 100

42 23.7 18.8 28.2

71 70.8 53.8 80.8



#4

Naphthalene-d8

Concen: 20.00 ng

RT: 10.31 min Scan# 1297

Delta R.T. 0.01 min

Lab File: BG017710.D

Acq: 17 Jun 2015 5:01

Tgt Ion: 136 Resp: 75740

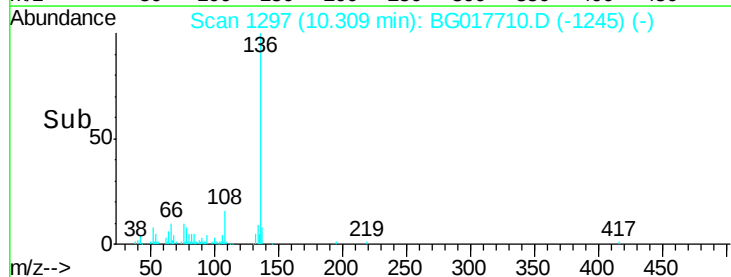
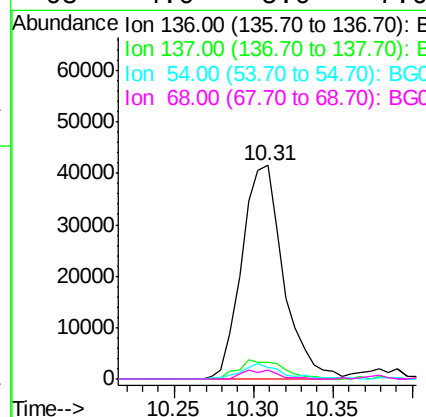
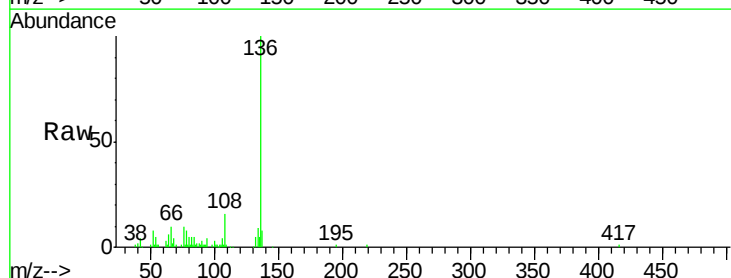
Ion Ratio Lower Upper

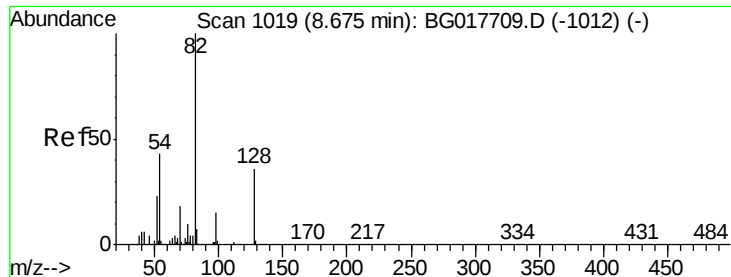
136 100

137 8.1 9.0 13.4#

54 5.4 4.4 6.6

68 4.0 5.0 7.6#





#5

Nitrobenzene-d5

Concen: 111.57 ng

RT: 8.68 min Scan# 1019

Delta R.T. -0.00 min

Lab File: BG017710.D

Acq: 17 Jun 2015 5:01

Instrument :

BNA_G

ClientSampleId :

SSTDIC050

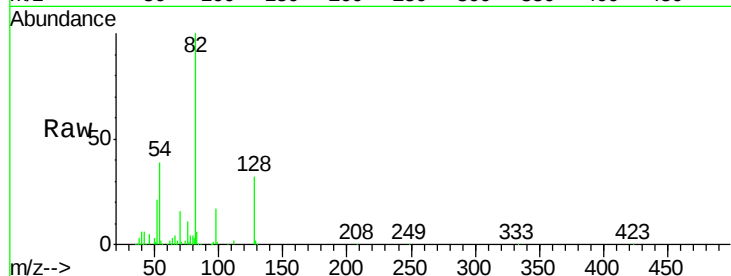
Tgt Ion: 82 Resp: 156530

Ion Ratio Lower Upper

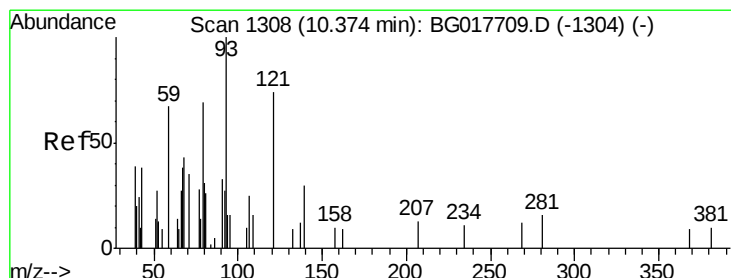
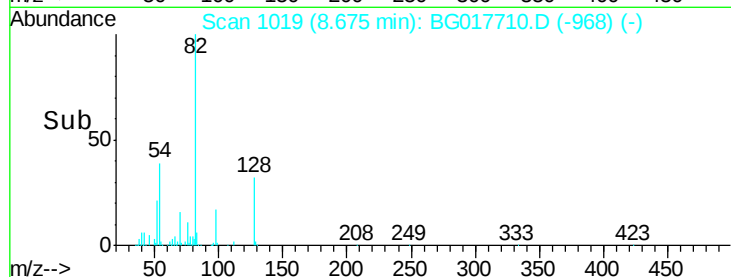
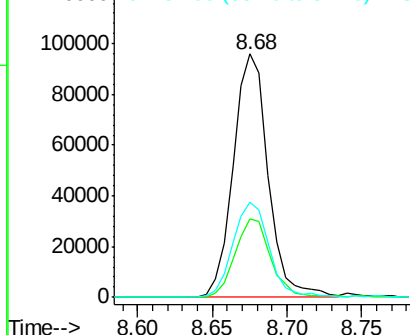
82 100

128 32.4 29.0 43.4

54 39.2 34.5 51.7



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: 31.33 ng

RT: 10.38 min Scan# 1309

Delta R.T. 0.01 min

Lab File: BG017710.D

Acq: 17 Jun 2015 5:01

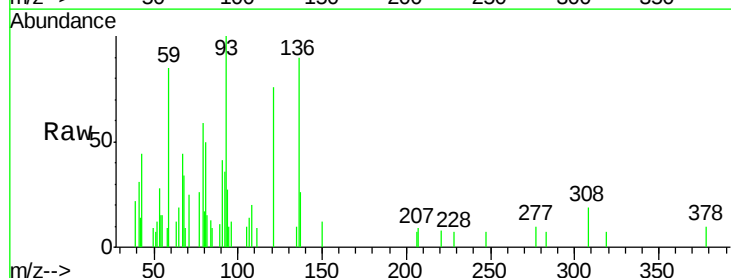
Tgt Ion: 59 Resp: 3819

Ion Ratio Lower Upper

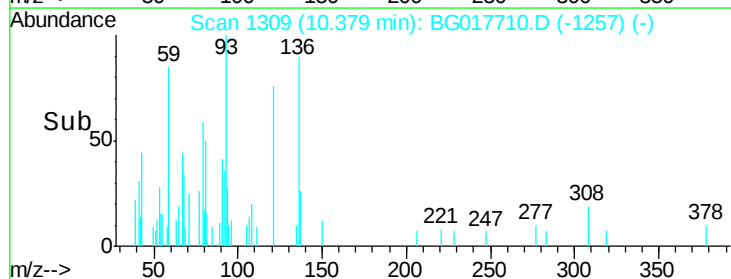
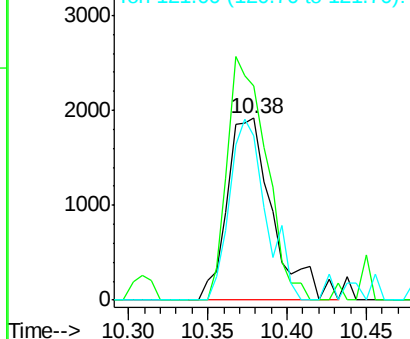
59 100

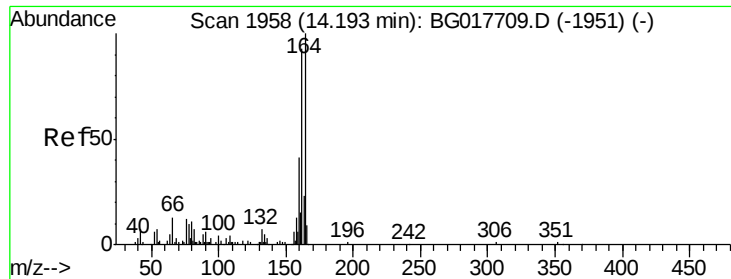
93 118.2 118.9 178.3#

121 90.3 104.3 156.5#



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: 14.19 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BG017710.D

Acq: 17 Jun 2015 5:01

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

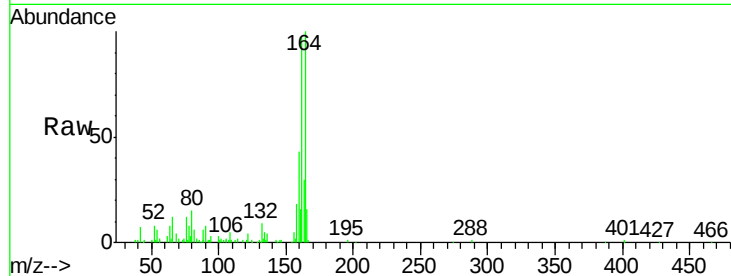
Tgt Ion:164 Resp: 58646

Ion Ratio Lower Upper

164 100

162 97.3 74.5 111.7

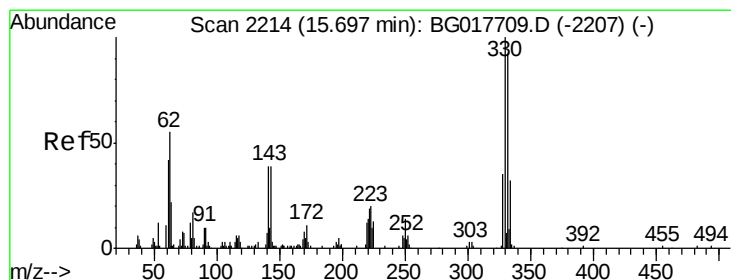
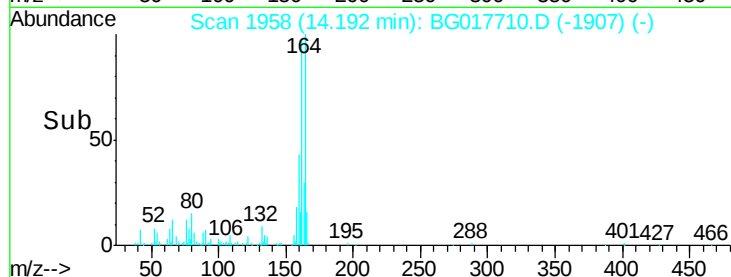
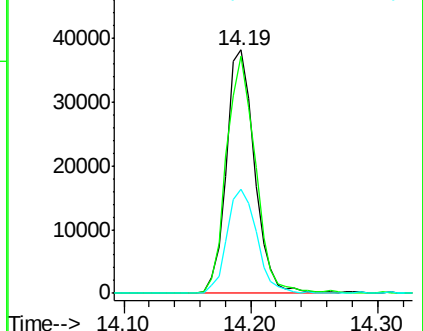
160 42.7 32.7 49.1



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: 110.55 ng

RT: 15.70 min Scan# 2214

Delta R.T. -0.00 min

Lab File: BG017710.D

Acq: 17 Jun 2015 5:01

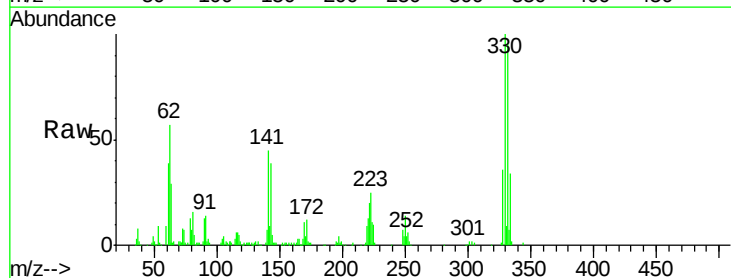
Tgt Ion:330 Resp: 77768

Ion Ratio Lower Upper

330 100

332 95.1 77.7 116.5

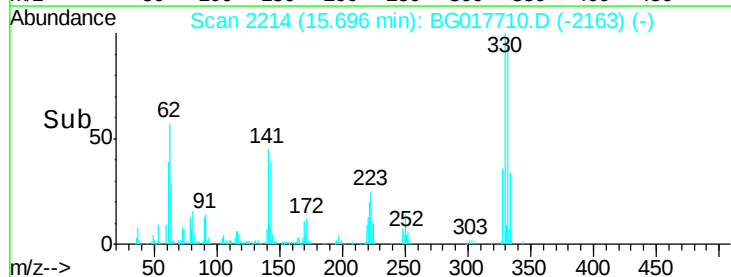
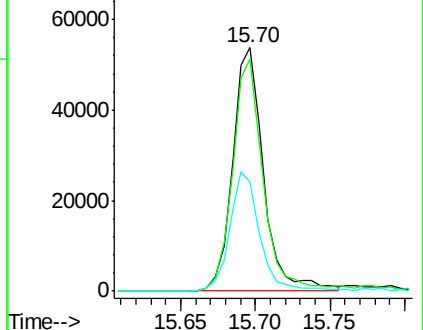
141 47.7 37.0 55.4

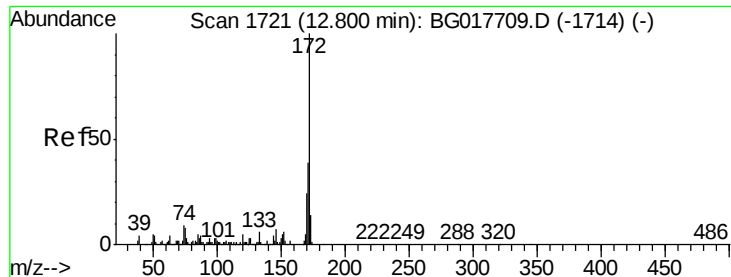


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#9

2-Fluorobiphenyl

Concen: 114.44 ng

RT: 12.81 min Scan# 1722

Delta R.T. 0.01 min

Lab File: BG017710.D

Acq: 17 Jun 2015 5:01

Instrument :

BNA_G

ClientSampleId :

SSTDIC050

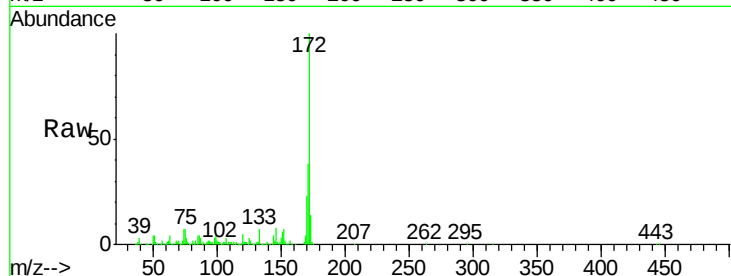
Tgt Ion:172 Resp: 378199

Ion Ratio Lower Upper

172 100

171 37.8 31.1 46.7

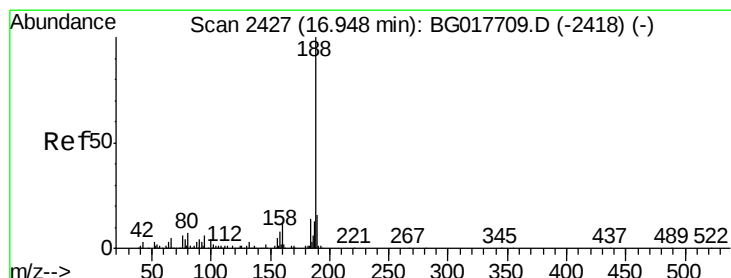
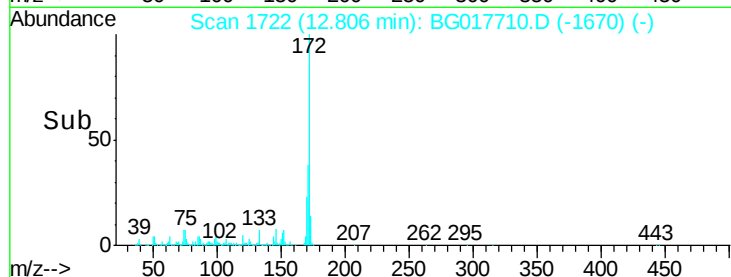
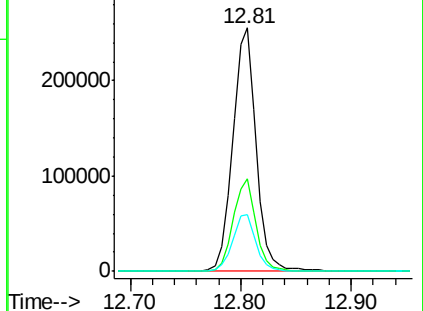
170 23.3 19.0 28.4



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: 16.95 min Scan# 2427

Delta R.T. -0.00 min

Lab File: BG017710.D

Acq: 17 Jun 2015 5:01

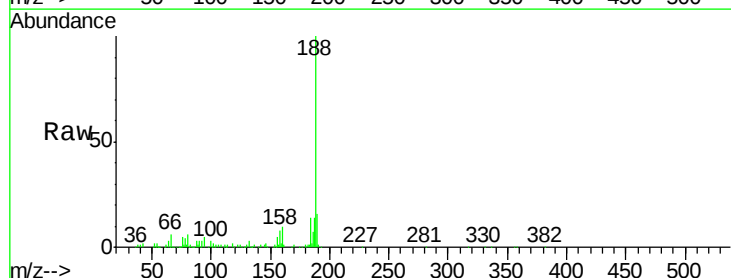
Tgt Ion:188 Resp: 165880

Ion Ratio Lower Upper

188 100

94 4.5 4.6 7.0#

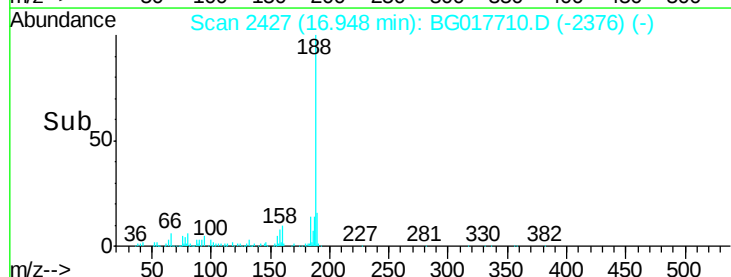
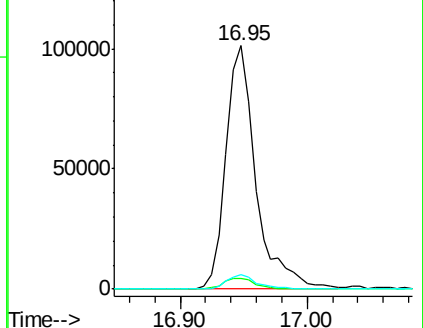
80 5.8 5.6 8.4

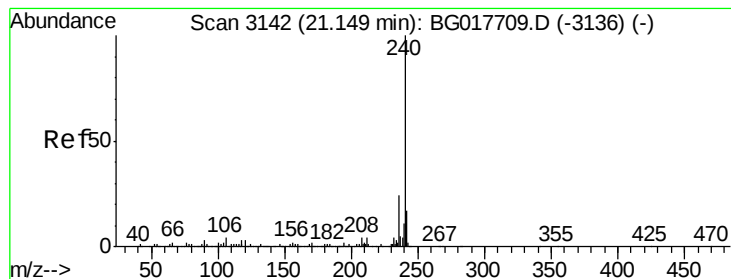


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.15 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG017710.D

Acq: 17 Jun 2015 5:01

Instrument :

BNA_G

ClientSampleId :

SSTDIC050

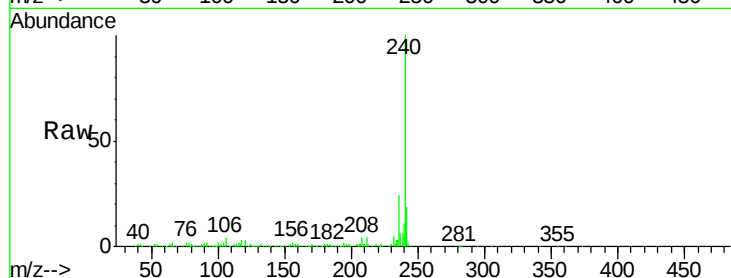
Tgt Ion:240 Resp: 257193

Ion Ratio Lower Upper

240 100

120 2.8 2.4 3.6

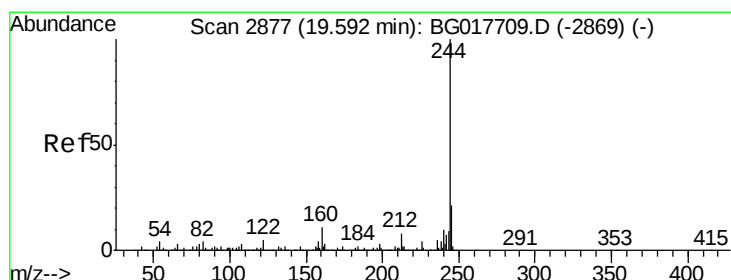
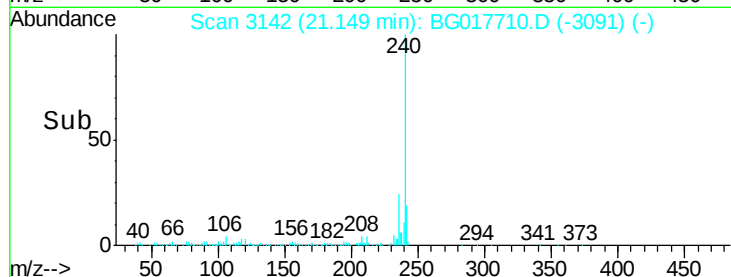
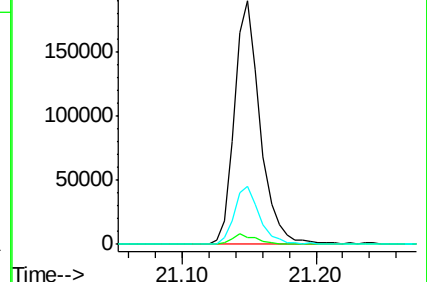
236 23.8 19.5 29.3



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: 92.17 ng

RT: 19.59 min Scan# 2877

Delta R.T. -0.00 min

Lab File: BG017710.D

Acq: 17 Jun 2015 5:01

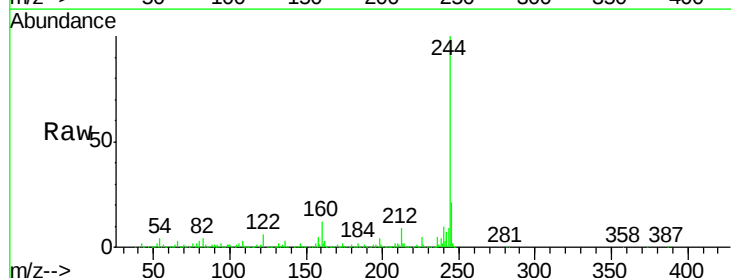
Tgt Ion:244 Resp: 1154103

Ion Ratio Lower Upper

244 100

212 9.0 6.7 10.1

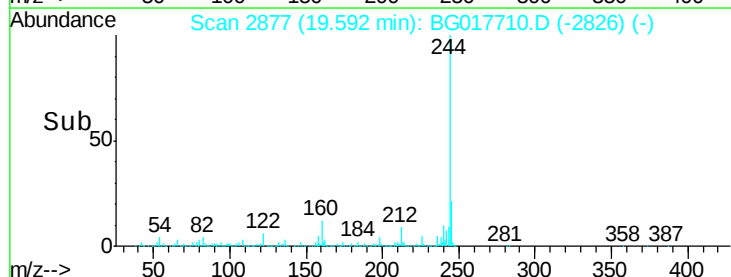
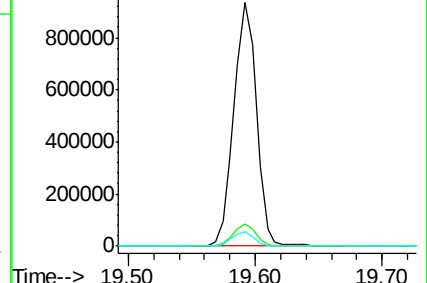
122 6.2 4.3 6.5

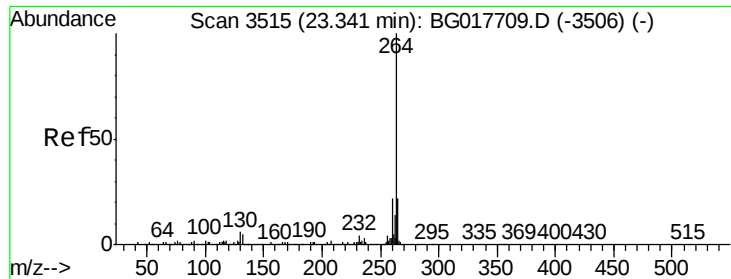


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.33 min Scan# 3514
Delta R.T. -0.01 min
Lab File: BG017710.D
Acq: 17 Jun 2015 5:01

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	17.3	25.9
265	23.2	17.9	26.9

