

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061615\
 Data File : BG017707.D
 Acq On : 17 Jun 2015 3:18
 Operator : TP/IZ
 Sample : SSTDICC010
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC010

Quant Time: Jun 17 06:56:38 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

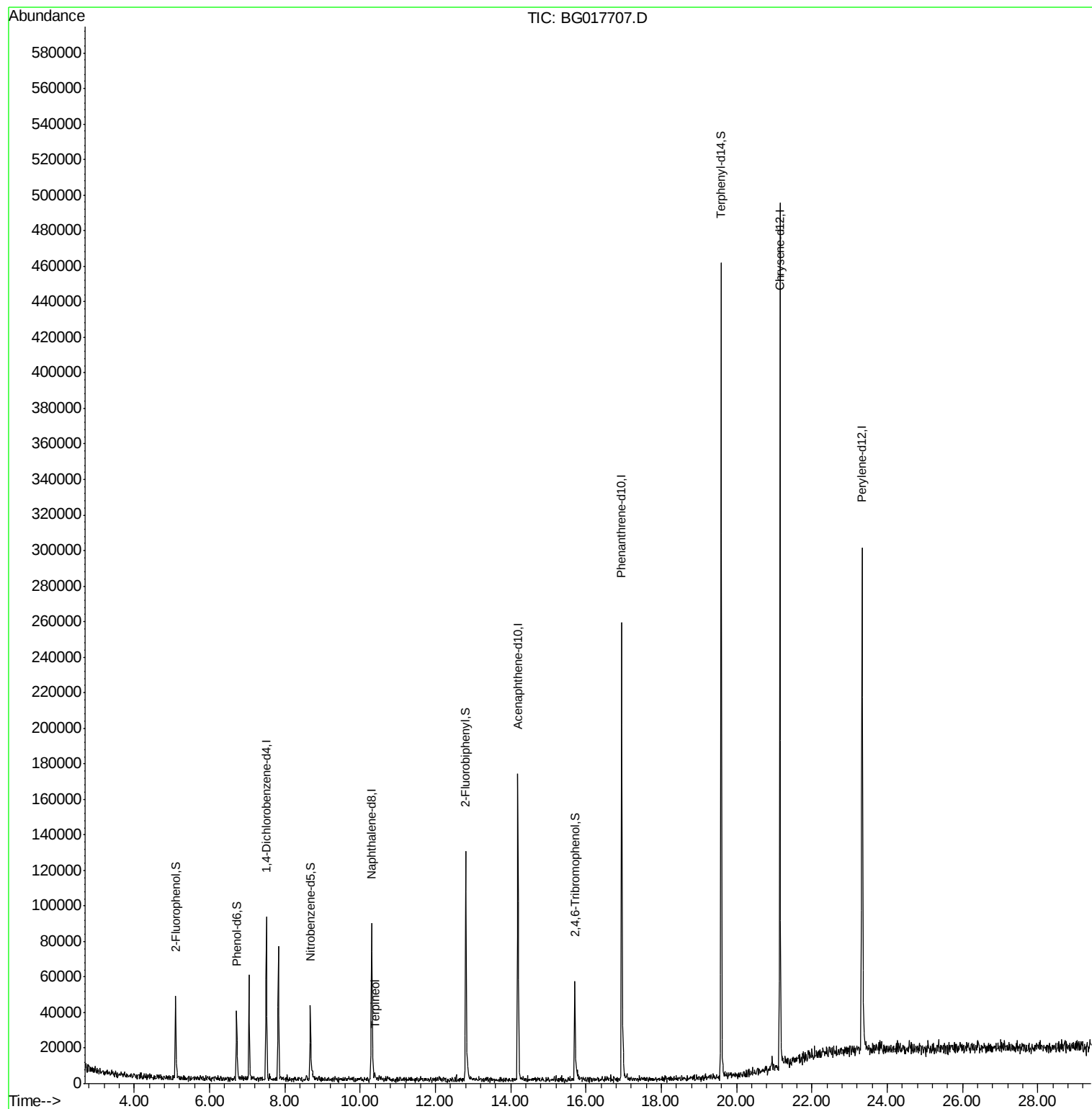
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	17710	20.00	ng	0.00
4) Naphthalene-d8	10.31	136	65364	20.00	ng	0.00
7) Acenaphthene-d10	14.19	164	55636	20.00	ng	0.00
10) Phenanthrene-d10	16.95	188	155901	20.00	ng	0.00
11) Chrysene-d12	21.15	240	250190	20.00	ng	0.00
13) Perylene-d12	23.33	264	219725	20.00	ng	0.00
System Monitoring Compounds						
2) 2-Fluorophenol	5.10	112	15903	18.05	ng	0.00
3) Phenol-d6	6.72	99	18604	16.91	ng	0.00
5) Nitrobenzene-d5	8.68	82	25825	21.33	ng	0.00
8) 2,4,6-Tribromophenol	15.70	330	12021	18.01	ng	0.00
9) 2-Fluorobiphenyl	12.80	172	64124	20.45	ng	0.00
12) Terphenyl-d14	19.59	244	210654	17.29	ng	0.00
Target Compounds						
6) Terpineol	10.38	59	330	3.14	ng	Qvalue # 5

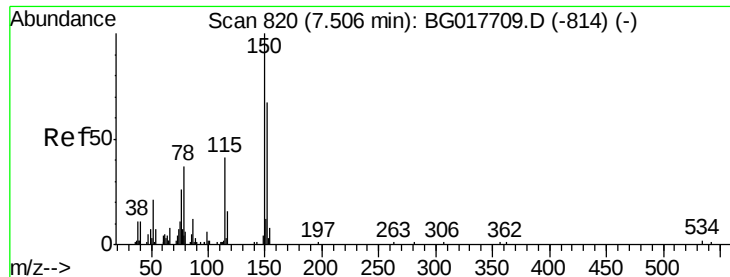
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.51 min Scan# 821

Delta R.T. 0.00 min

Lab File: BG017707.D

Acq: 17 Jun 2015 3:18

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

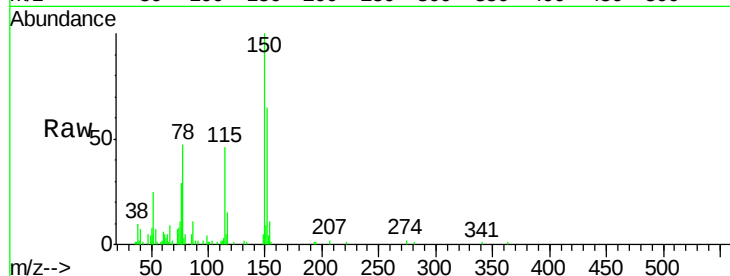
Tgt Ion:152 Resp: 17710

Ion Ratio Lower Upper

152 100

150 152.9 119.8 179.6

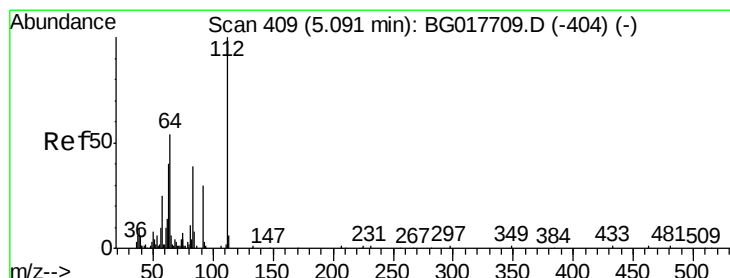
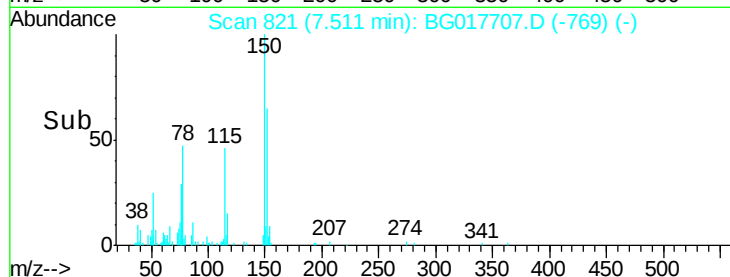
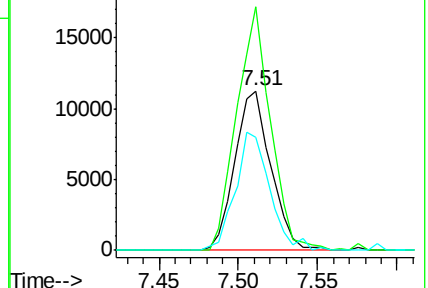
115 70.9 49.6 74.4



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: 18.05 ng

RT: 5.10 min Scan# 410

Delta R.T. 0.00 min

Lab File: BG017707.D

Acq: 17 Jun 2015 3:18

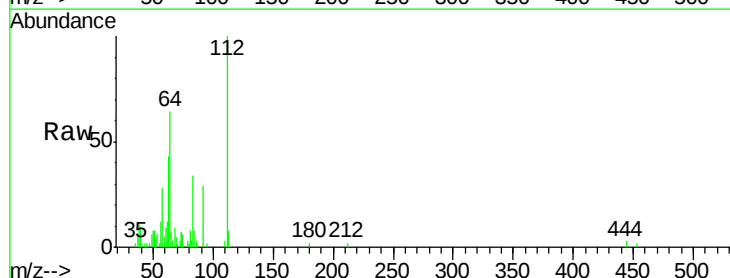
Tgt Ion:112 Resp: 15903

Ion Ratio Lower Upper

112 100

64 64.5 43.5 65.3

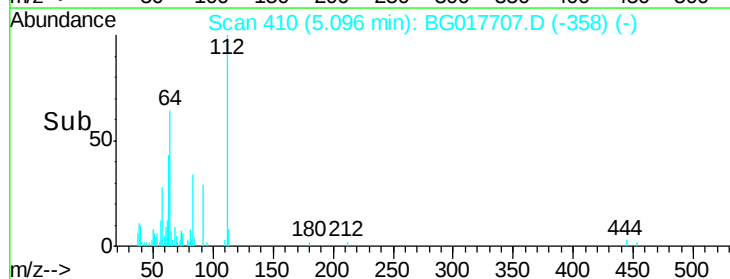
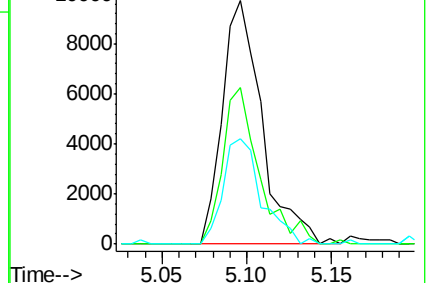
63 43.4 32.2 48.2

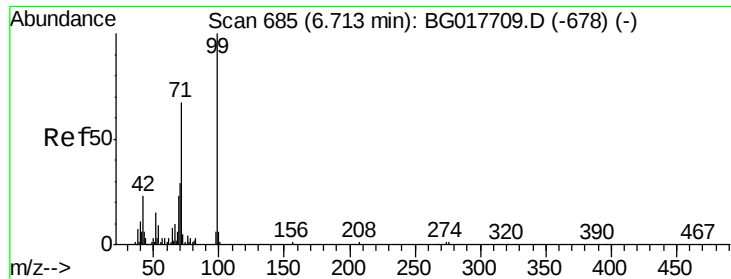


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#3

Phenol-d6

Concen: 16.91 ng

RT: 6.72 min Scan# 686

Delta R.T. 0.00 min

Lab File: BG017707.D

Acq: 17 Jun 2015 3:18

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

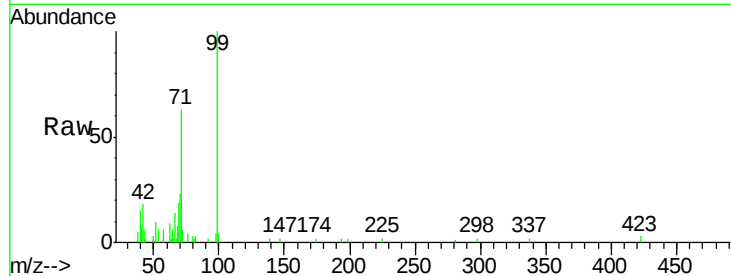
Tgt Ion: 99 Resp: 18604

Ion Ratio Lower Upper

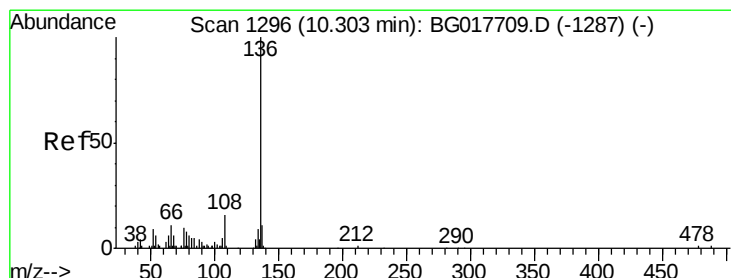
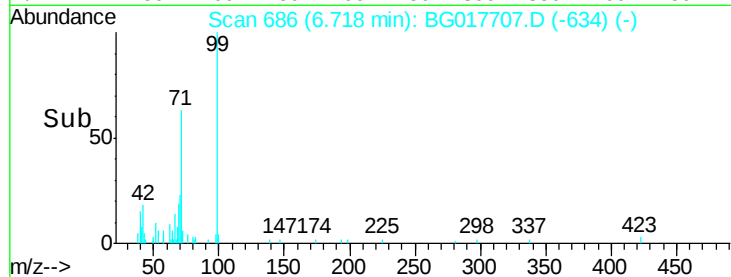
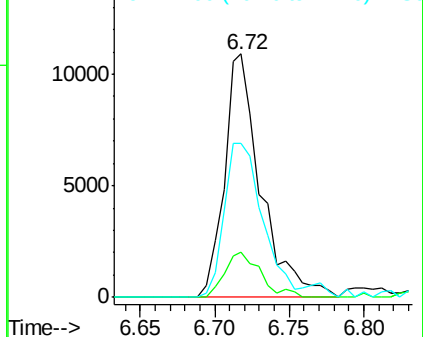
99 100

42 18.4 18.8 28.2#

71 63.1 53.8 80.8



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: 10.31 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BG017707.D

Acq: 17 Jun 2015 3:18

Tgt Ion: 136 Resp: 65364

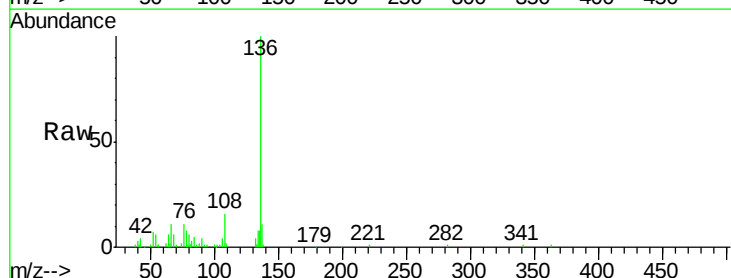
Ion Ratio Lower Upper

136 100

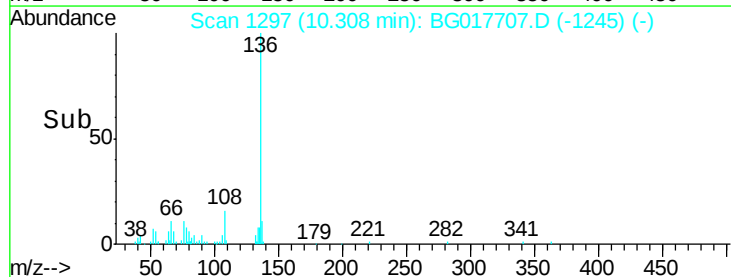
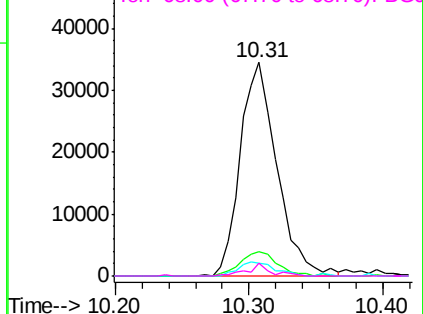
137 11.4 9.0 13.4

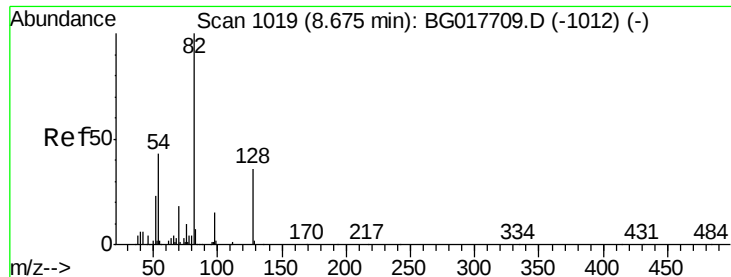
54 6.0 4.4 6.6

68 6.0 5.0 7.6



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: 21.33 ng

RT: 8.68 min Scan# 1020

Delta R.T. 0.00 min

Lab File: BG017707.D

Acq: 17 Jun 2015 3:18

Instrument :

BNA_G

ClientSampleId :

SSTDIC010

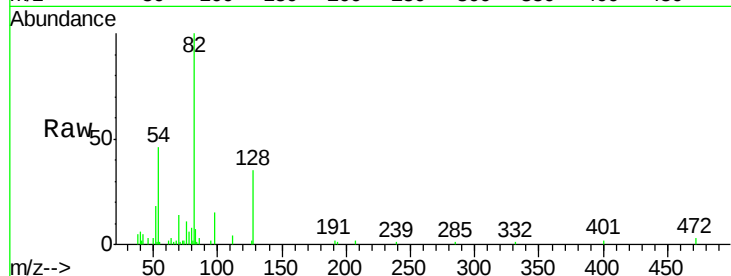
Tgt Ion: 82 Resp: 25825

Ion Ratio Lower Upper

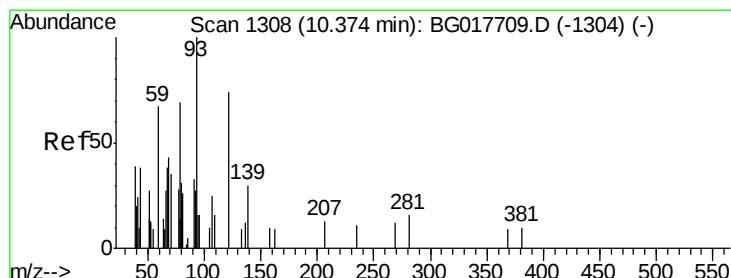
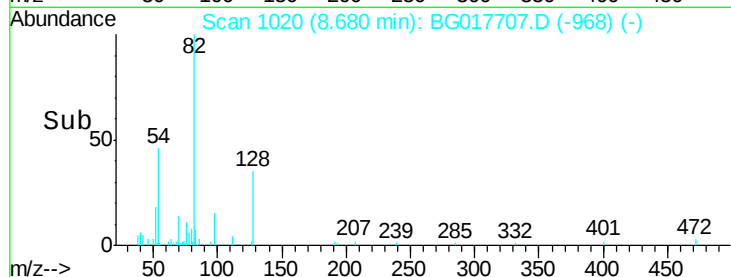
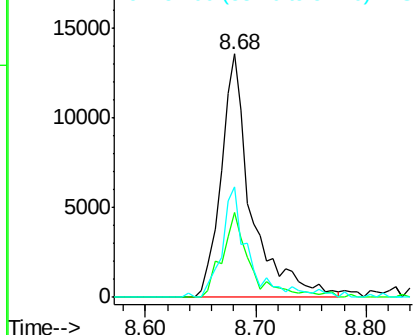
82 100

128 34.8 29.0 43.4

54 45.6 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: 3.14 ng

RT: 10.38 min Scan# 1310

Delta R.T. 0.01 min

Lab File: BG017707.D

Acq: 17 Jun 2015 3:18

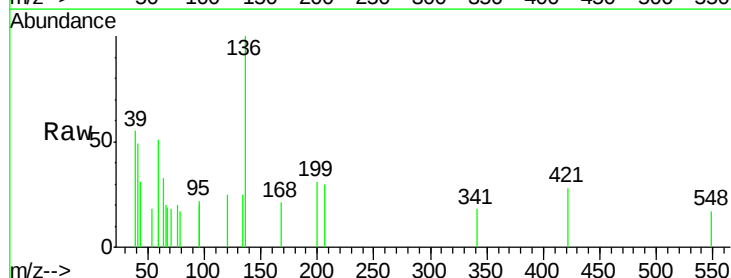
Tgt Ion: 59 Resp: 330

Ion Ratio Lower Upper

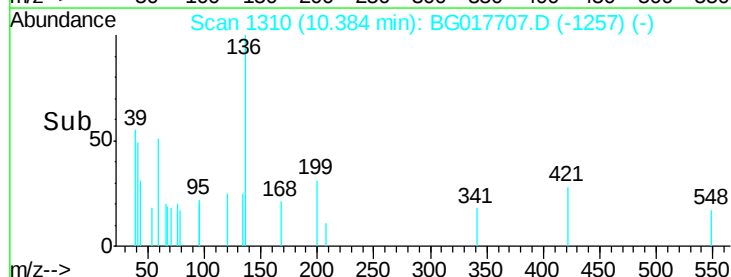
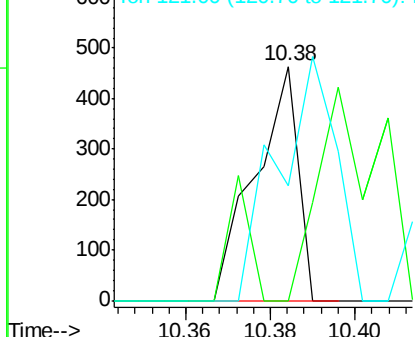
59 100

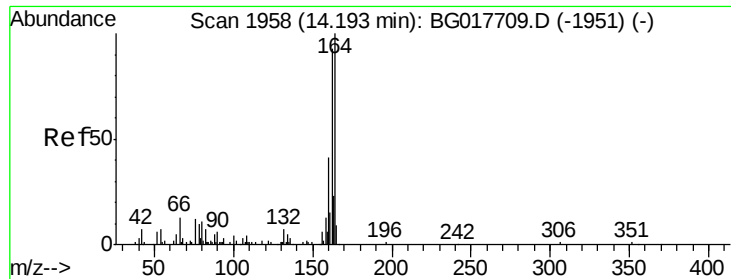
93 0.0 118.9 178.3#

121 48.9 104.3 156.5#



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: BG017707.D

Acq: 17 Jun 2015 3:18

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

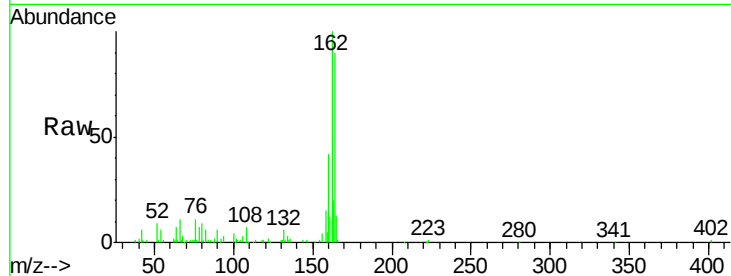
Tgt Ion:164 Resp: 55636

Ion Ratio Lower Upper

164 100

162 111.1 74.5 111.7

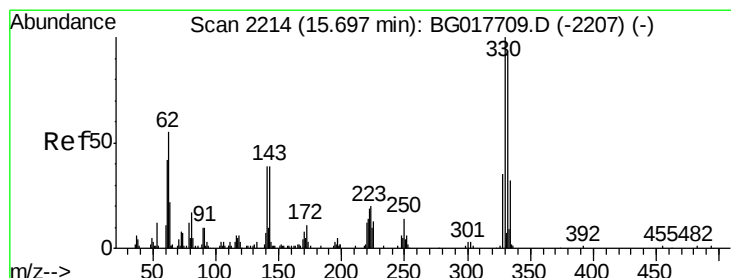
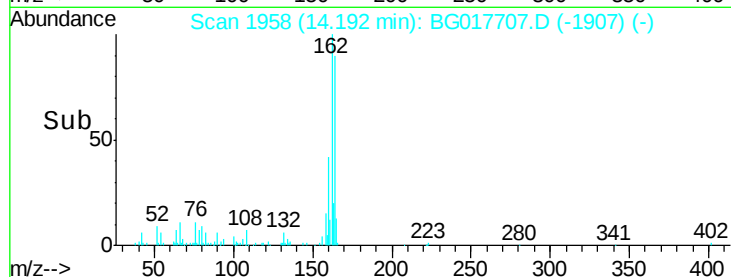
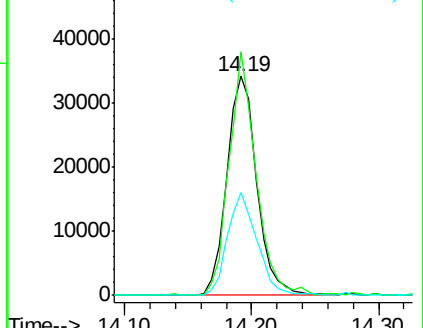
160 47.1 32.7 49.1



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: 18.01 ng

RT: 15.70 min Scan# 2215

Delta R.T. 0.00 min

Lab File: BG017707.D

Acq: 17 Jun 2015 3:18

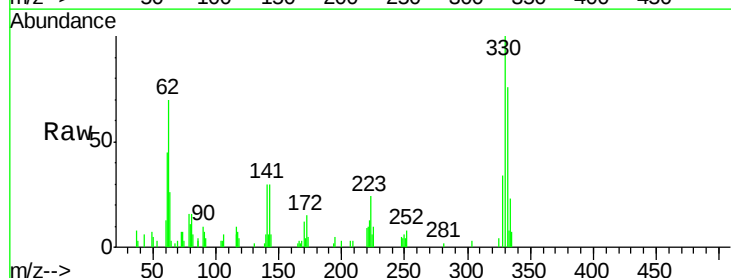
Tgt Ion:330 Resp: 12021

Ion Ratio Lower Upper

330 100

332 79.9 77.7 116.5

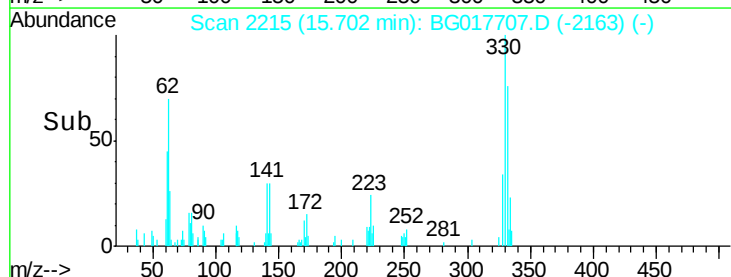
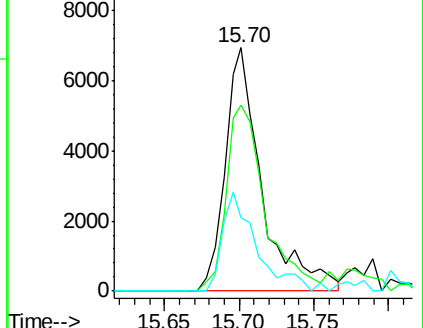
141 37.3 37.0 55.4

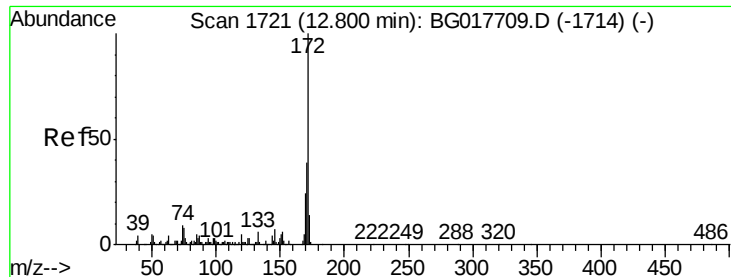


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#9

2-Fluorobiphenyl

Concen: 20.45 ng

RT: 12.80 min Scan# 1722

Delta R.T. 0.00 min

Lab File: BG017707.D

Acq: 17 Jun 2015 3:18

Instrument :

BNA_G

ClientSampleId :

SSTDIC010

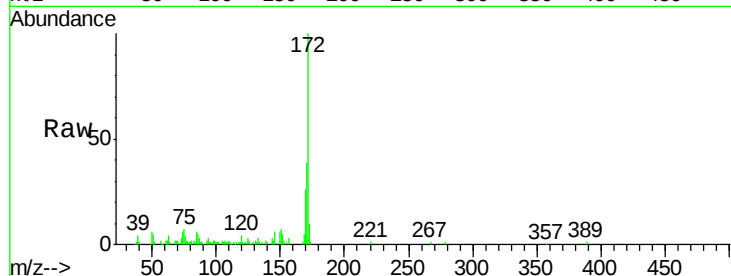
Tgt Ion:172 Resp: 64124

Ion Ratio Lower Upper

172 100

171 38.9 31.1 46.7

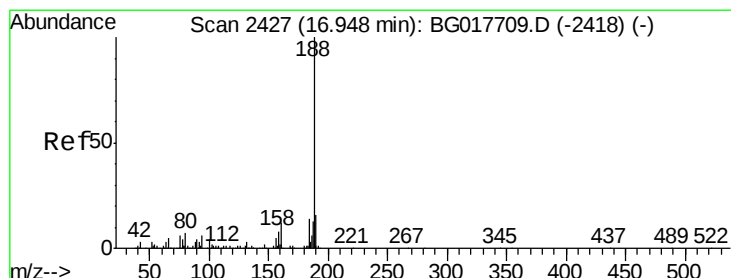
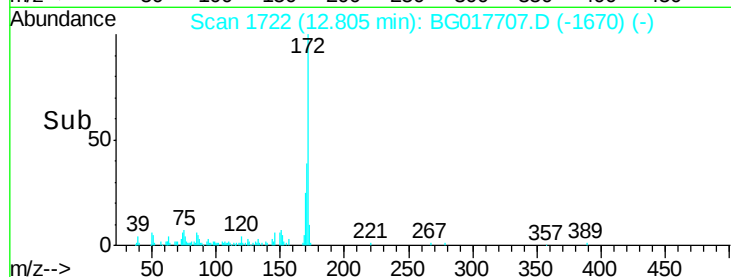
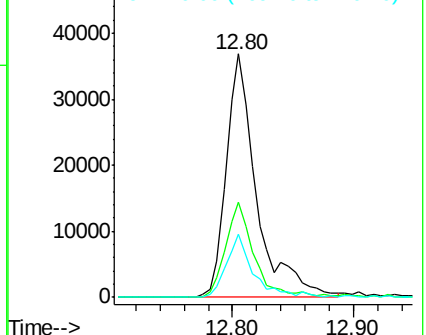
170 25.7 19.0 28.4



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: BG017707.D

Acq: 17 Jun 2015 3:18

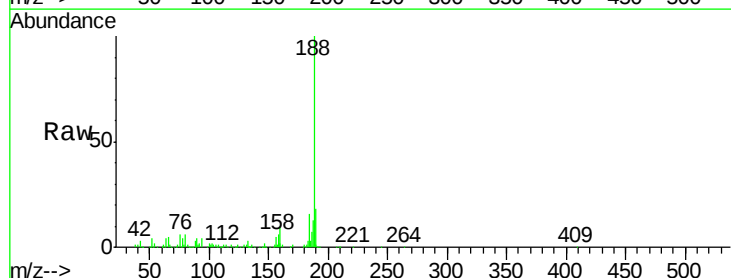
Tgt Ion:188 Resp: 155901

Ion Ratio Lower Upper

188 100

94 4.4 4.6 7.0#

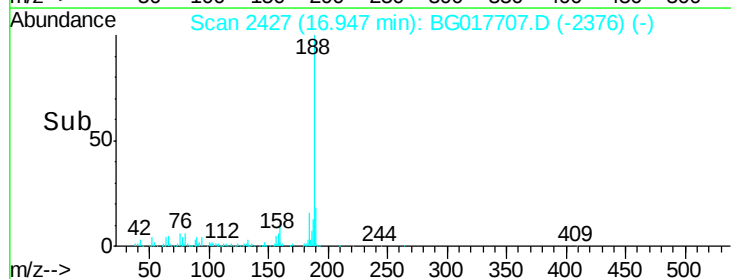
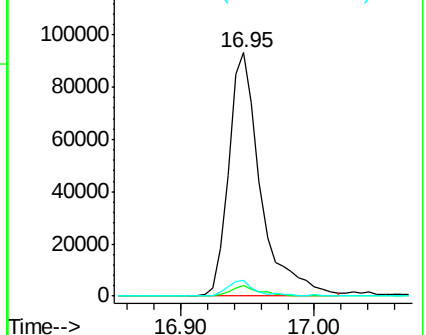
80 6.3 5.6 8.4

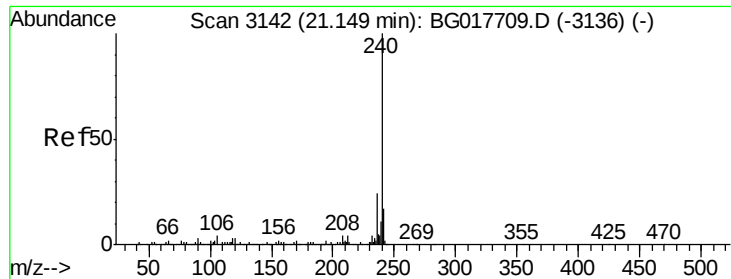


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

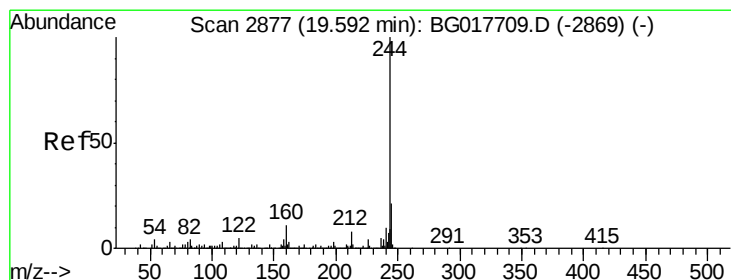
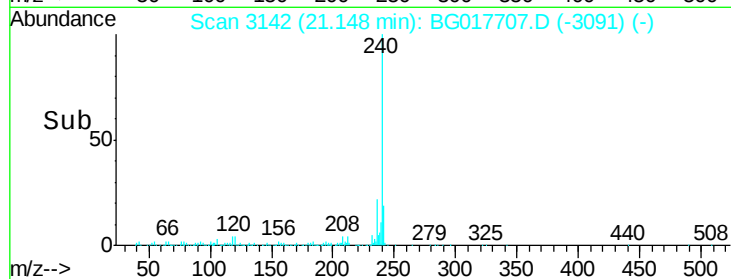
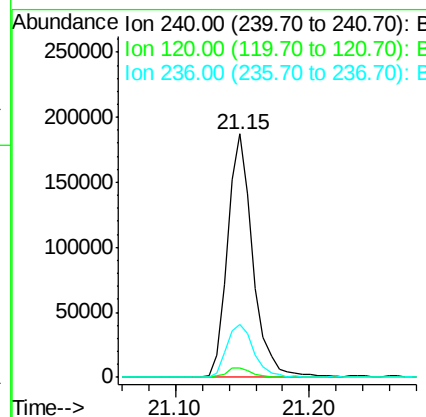
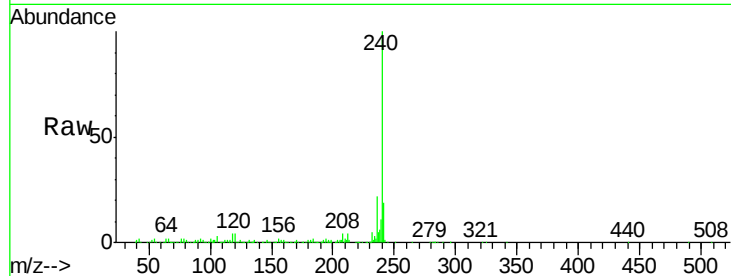




#11
Chrysene-d12
Concen: 20.00 ng
RT: 21.15 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG017707.D
Acq: 17 Jun 2015 3:18

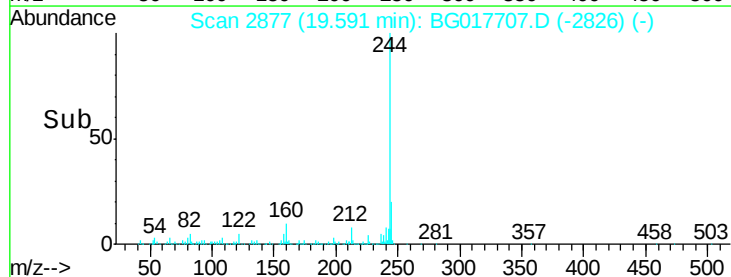
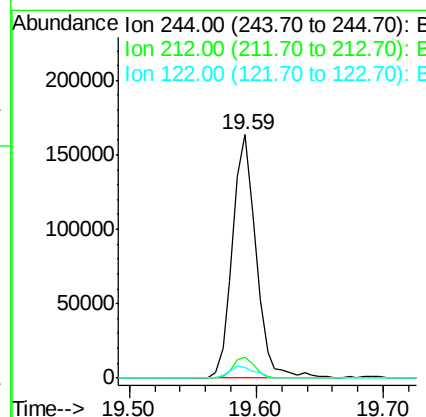
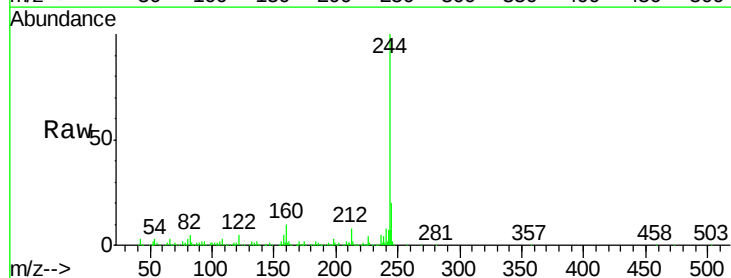
Instrument :
BNA_G
ClientSampleId :
SSTDICC010

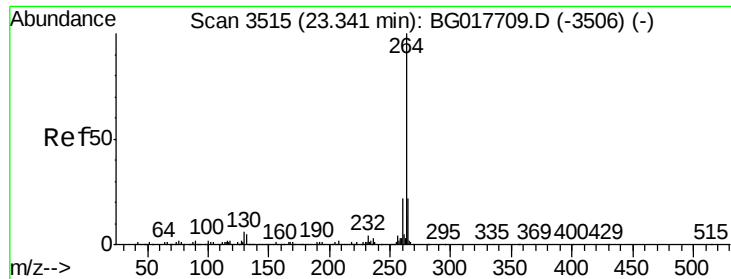
Tgt Ion:240 Resp: 250190
Ion Ratio Lower Upper
240 100
120 3.6 2.4 3.6#
236 21.7 19.5 29.3



#12
Terphenyl-d14
Concen: 17.29 ng
RT: 19.59 min Scan# 2877
Delta R.T. -0.00 min
Lab File: BG017707.D
Acq: 17 Jun 2015 3:18

Tgt Ion:244 Resp: 210654
Ion Ratio Lower Upper
244 100
212 8.5 6.7 10.1
122 4.6 4.3 6.5





#13
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.33 min Scan# 3514
 Delta R.T. -0.01 min
 Lab File: BG017707.D
 Acq: 17 Jun 2015 3:18

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC010

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.3	25.9
265	20.4	17.9	26.9

