

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061615\
 Data File : BG017712.D
 Acq On : 17 Jun 2015 6:11
 Operator : TP/IZ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC080

Quant Time: Jun 17 06:57:29 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

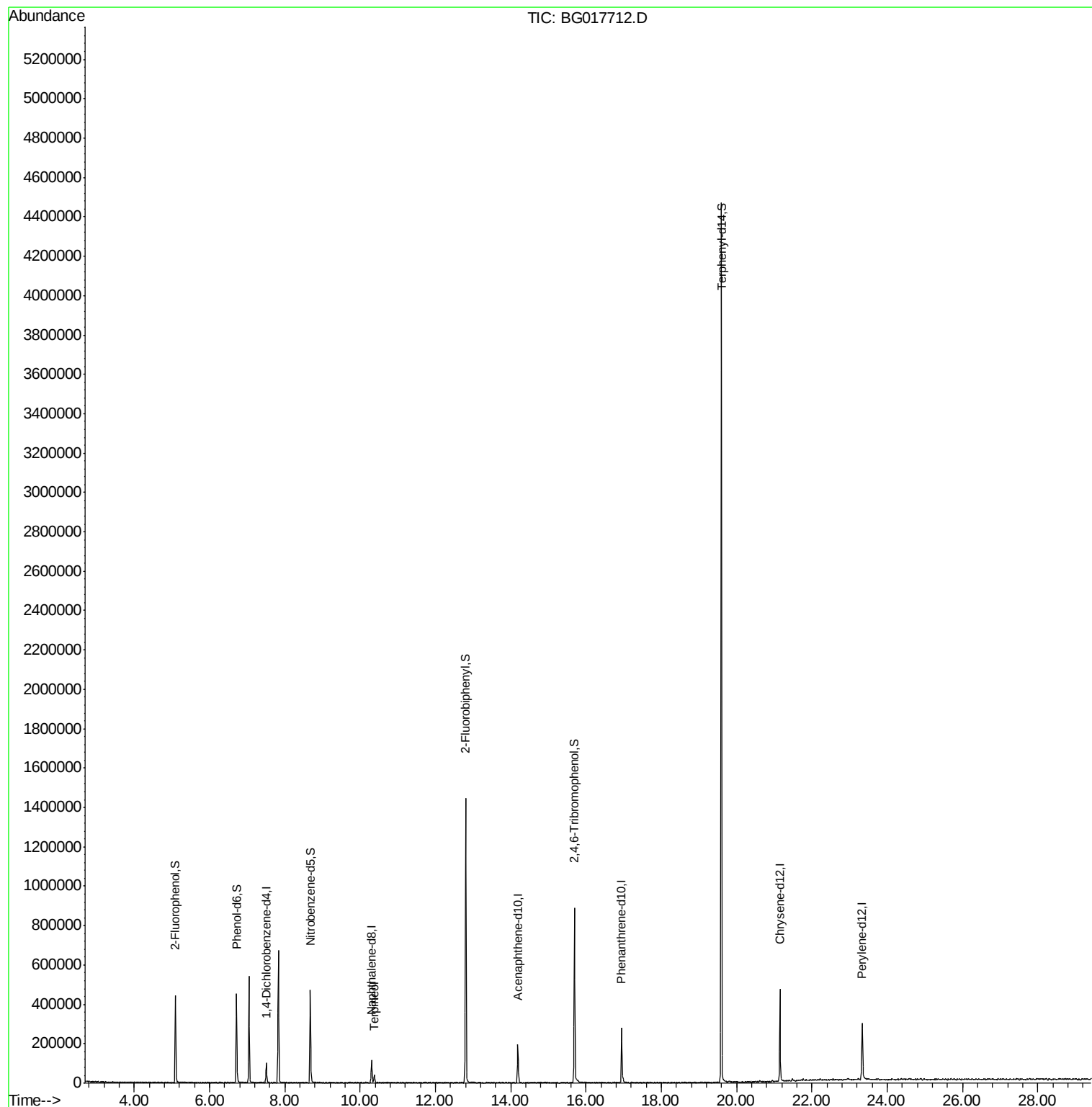
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	19225	20.00	ng	0.00
4) Naphthalene-d8	10.30	136	73771	20.00	ng	0.00
7) Acenaphthene-d10	14.19	164	61469	20.00	ng	0.00
10) Phenanthrene-d10	16.95	188	164870	20.00	ng	0.00
11) Chrysene-d12	21.15	240	248402	20.00	ng	0.00
13) Perylene-d12	23.34	264	215103	20.00	ng	0.00
System Monitoring Compounds						
2) 2-Fluorophenol	5.09	112	143392	149.96	ng	0.00
3) Phenol-d6	6.72	99	188714	157.98	ng	0.00
5) Nitrobenzene-d5	8.68	82	251482	184.04	ng	0.00
8) 2,4,6-Tribromophenol	15.70	330	135812	184.20	ng	0.00
9) 2-Fluorobiphenyl	12.80	172	612121	176.72	ng	0.00
12) Terphenyl-d14	19.60	244	1772223	146.55	ng	0.00
Target Compounds						
6) Terpineol	10.37	59	6006	50.59	ng	Qvalue # 57

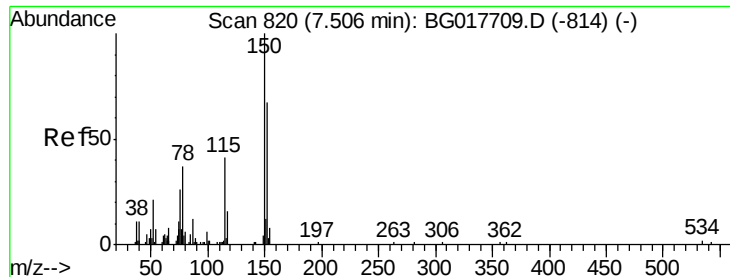
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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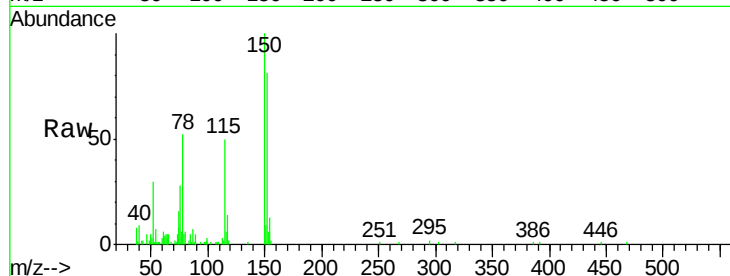


#1

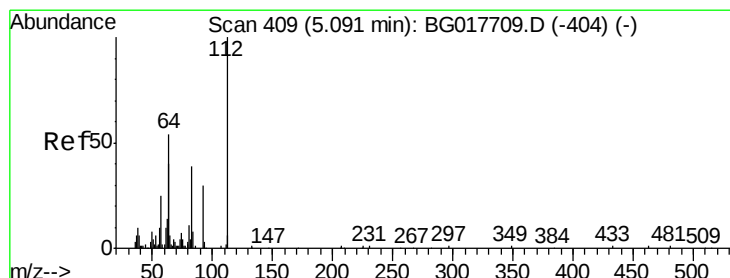
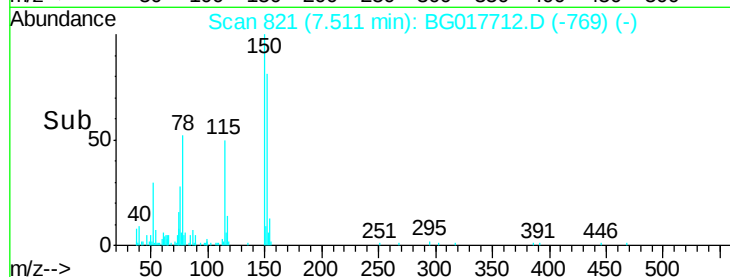
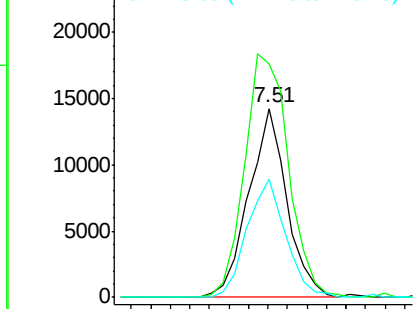
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.51 min Scan# 821
Delta R.T. 0.00 min
Lab File: BG017712.D
Acq: 17 Jun 2015 6:11

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion	Ratio	Lower	Upper
152	100		
150	123.6	119.8	179.6
115	62.4	49.6	74.4



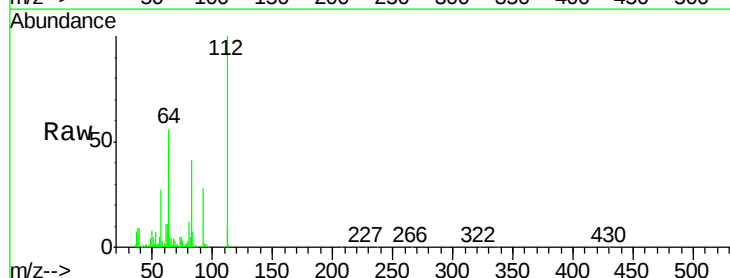
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



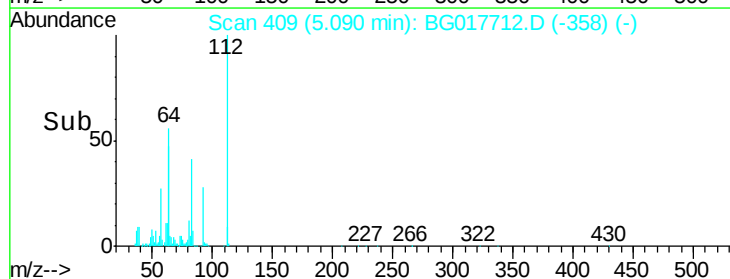
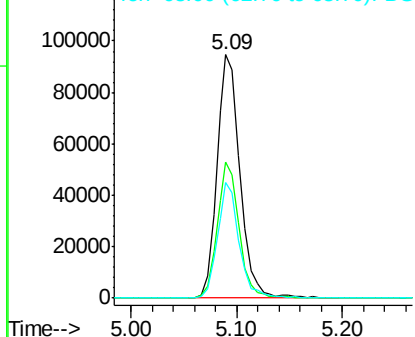
#2

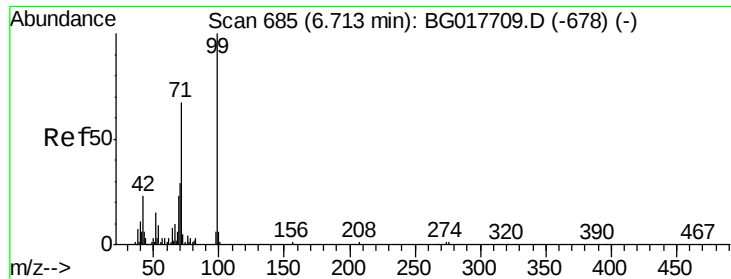
2-Fluorophenol
Concen: 149.96 ng
RT: 5.09 min Scan# 409
Delta R.T. -0.00 min
Lab File: BG017712.D
Acq: 17 Jun 2015 6:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.0	43.5	65.3
63	47.4	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: 157.98 ng

RT: 6.72 min Scan# 686

Delta R.T. 0.00 min

Lab File: BG017712.D

Acq: 17 Jun 2015 6:11

Instrument :

BNA_G

ClientSampleId :

SSTDIC080

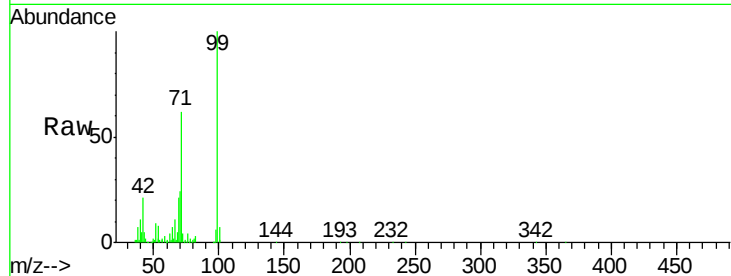
Tgt Ion: 99 Resp: 188714

Ion Ratio Lower Upper

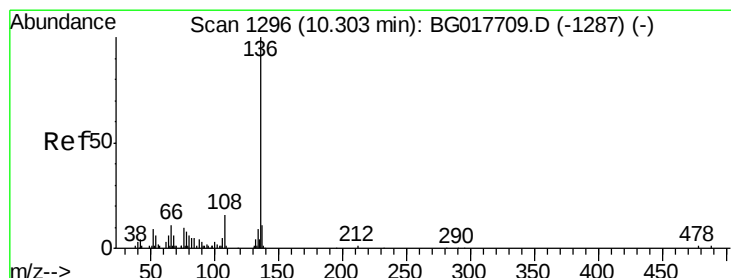
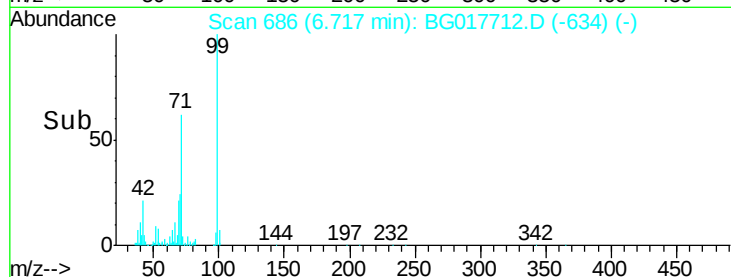
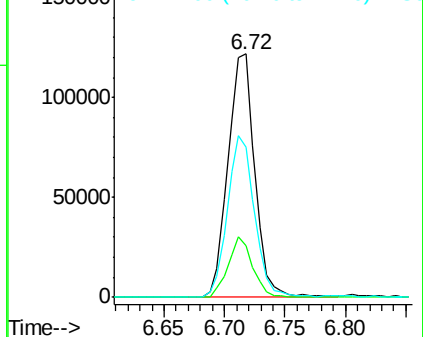
99 100

42 21.3 18.8 28.2

71 61.8 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: 10.30 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BG017712.D

Acq: 17 Jun 2015 6:11

Tgt Ion: 136 Resp: 73771

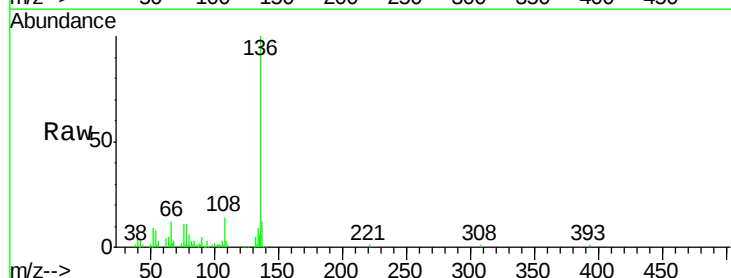
Ion Ratio Lower Upper

136 100

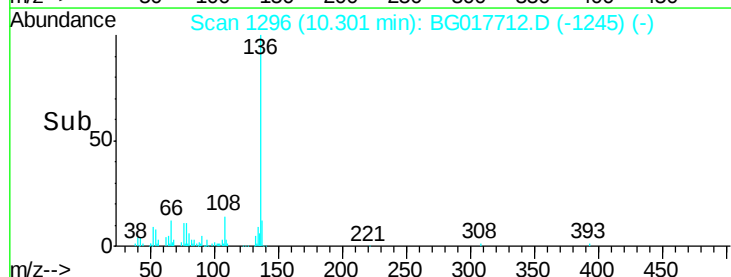
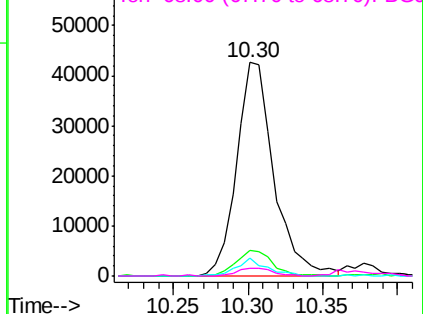
137 12.3 9.0 13.4

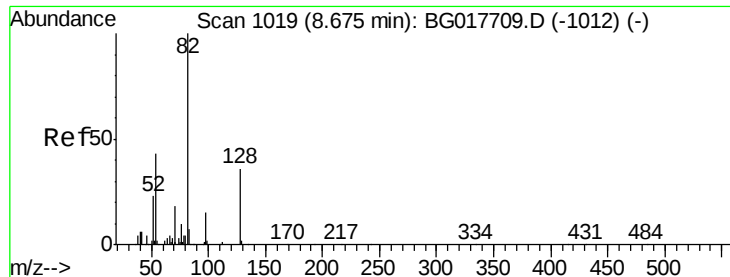
54 8.5 4.4 6.6#

68 3.3 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: 184.04 ng

RT: 8.68 min Scan# 1020

Delta R.T. 0.00 min

Lab File: BG017712.D

Acq: 17 Jun 2015 6:11

Instrument :

BNA_G

ClientSampleId :

SSTDIC080

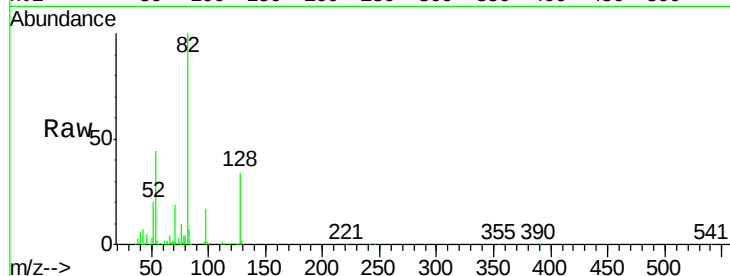
Tgt Ion: 82 Resp: 251482

Ion Ratio Lower Upper

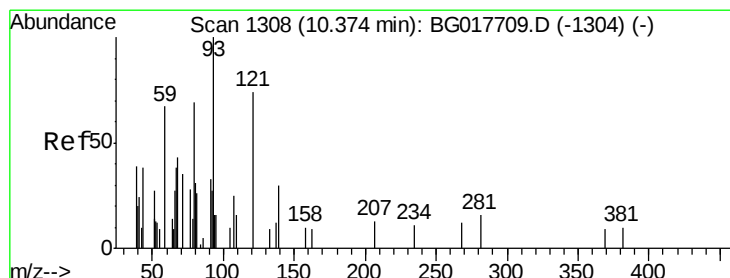
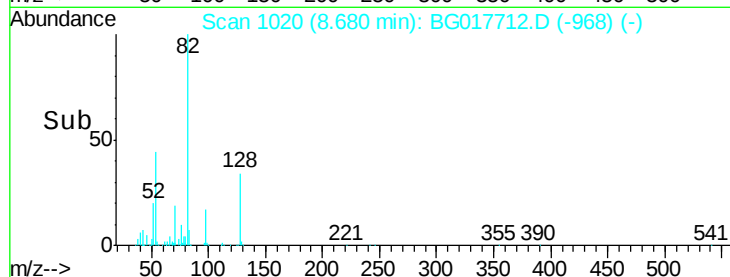
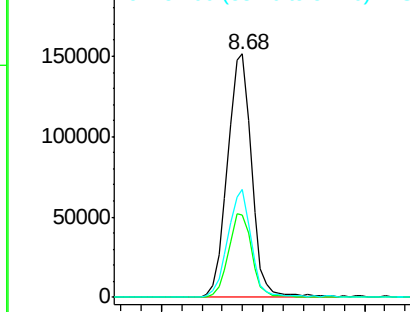
82 100

128 33.7 29.0 43.4

54 44.4 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: 50.59 ng

RT: 10.37 min Scan# 1308

Delta R.T. -0.00 min

Lab File: BG017712.D

Acq: 17 Jun 2015 6:11

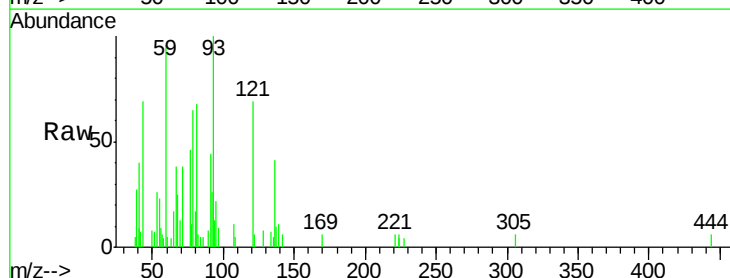
Tgt Ion: 59 Resp: 6006

Ion Ratio Lower Upper

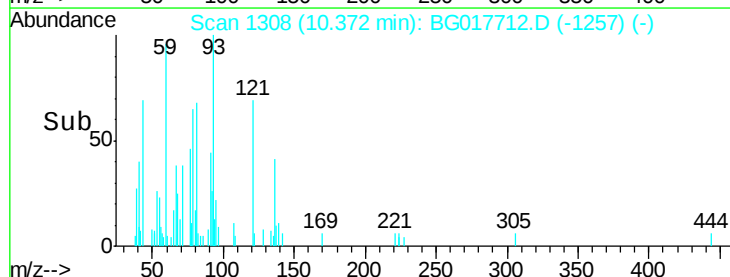
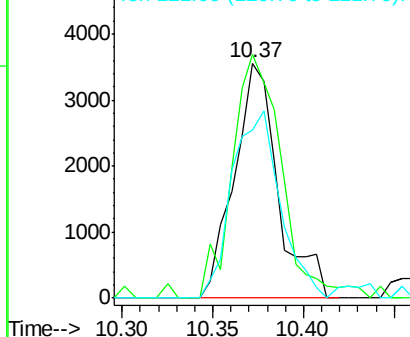
59 100

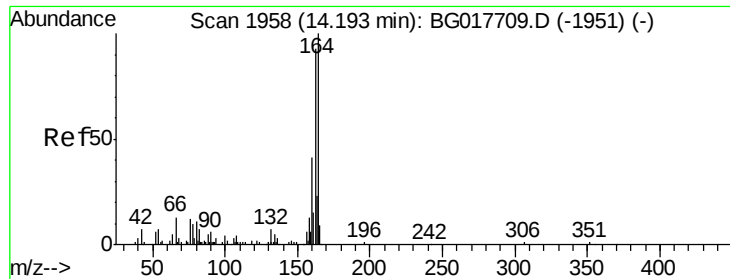
93 103.7 118.9 178.3#

121 71.5 104.3 156.5#



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: BG017712.D

Acq: 17 Jun 2015 6:11

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

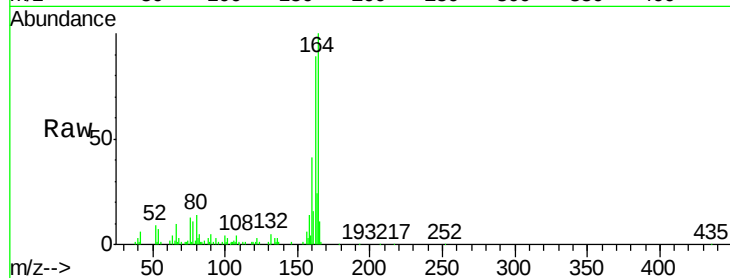
Tgt Ion:164 Resp: 61469

Ion Ratio Lower Upper

164 100

162 89.1 74.5 111.7

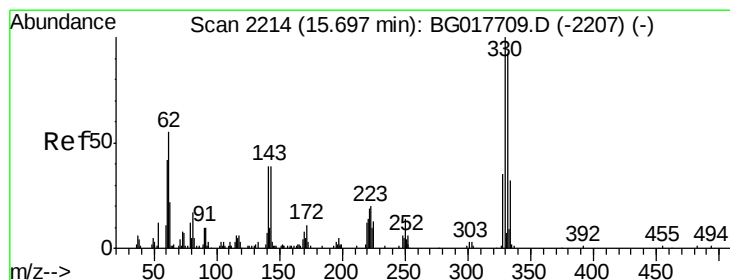
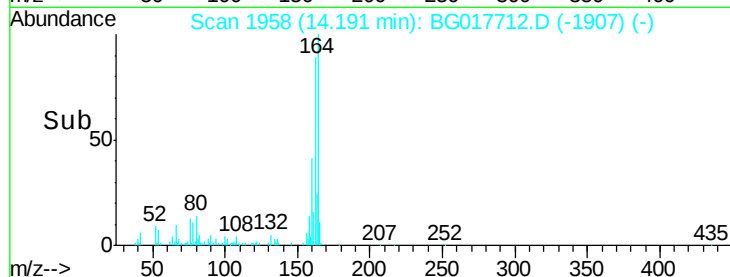
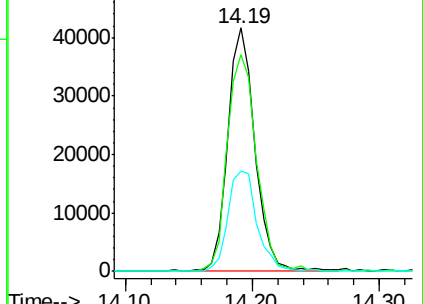
160 41.0 32.7 49.1



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: 184.20 ng

RT: 15.70 min Scan# 2214

Delta R.T. -0.00 min

Lab File: BG017712.D

Acq: 17 Jun 2015 6:11

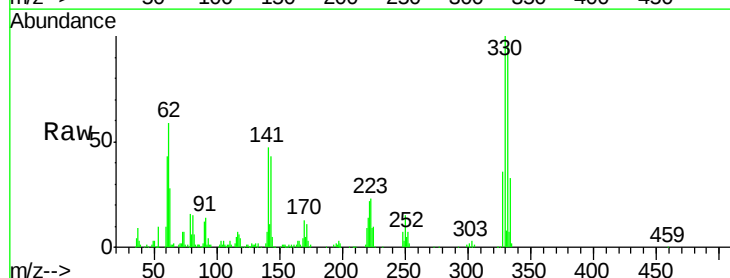
Tgt Ion:330 Resp: 135812

Ion Ratio Lower Upper

330 100

332 96.9 77.7 116.5

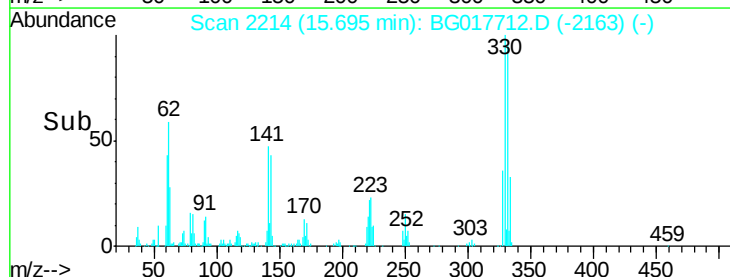
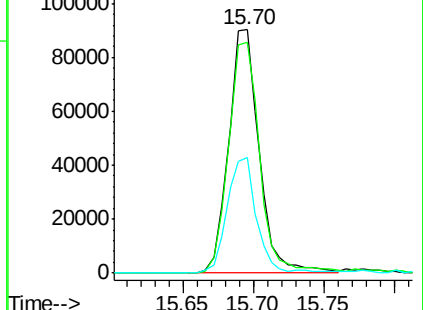
141 45.0 37.0 55.4

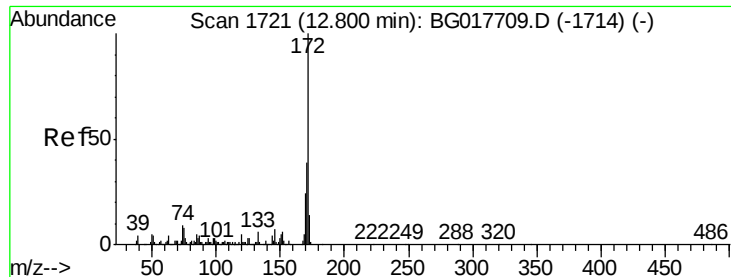


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#9

2-Fluorobiphenyl

Concen: 176.72 ng

RT: 12.80 min Scan# 1722

Delta R.T. 0.00 min

Lab File: BG017712.D

Acq: 17 Jun 2015 6:11

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

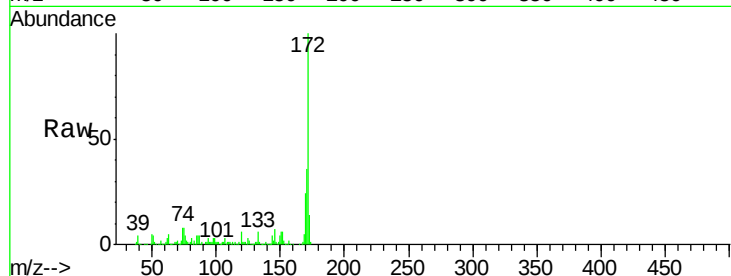
Tgt Ion:172 Resp: 612121

Ion Ratio Lower Upper

172 100

171 35.6 31.1 46.7

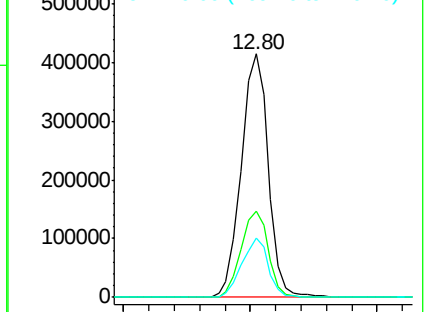
170 24.5 19.0 28.4



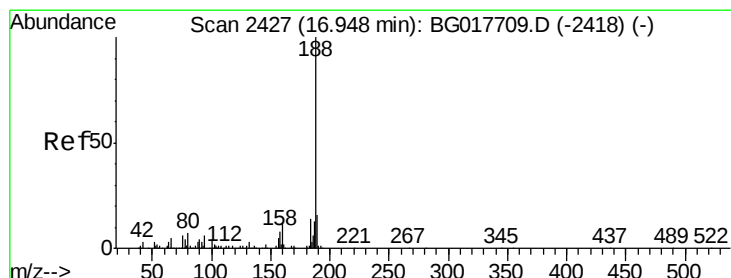
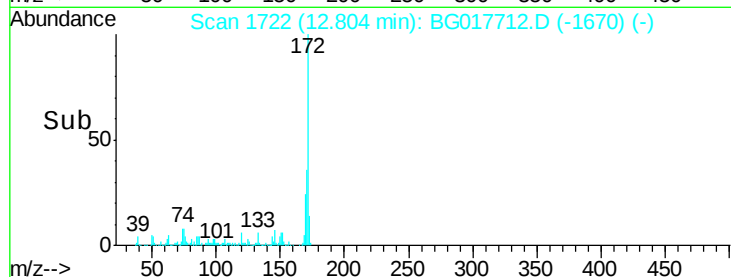
Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



Time--> 12.70 12.80 12.90



#10

Phenanthrene-d10

Concen: 20.00 ng

RT: 16.95 min Scan# 2427

Delta R.T. -0.00 min

Lab File: BG017712.D

Acq: 17 Jun 2015 6:11

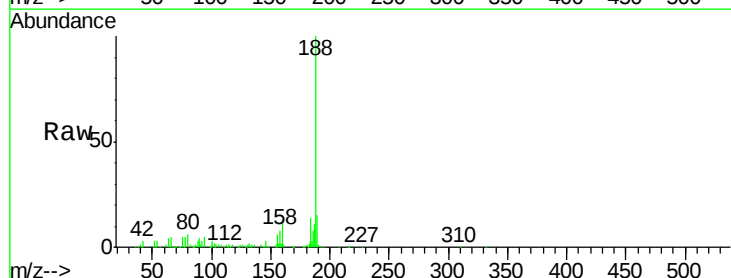
Tgt Ion:188 Resp: 164870

Ion Ratio Lower Upper

188 100

94 4.6 4.6 7.0#

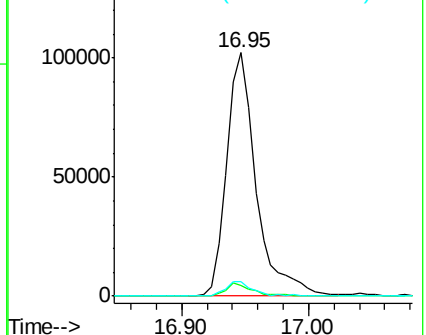
80 5.9 5.6 8.4



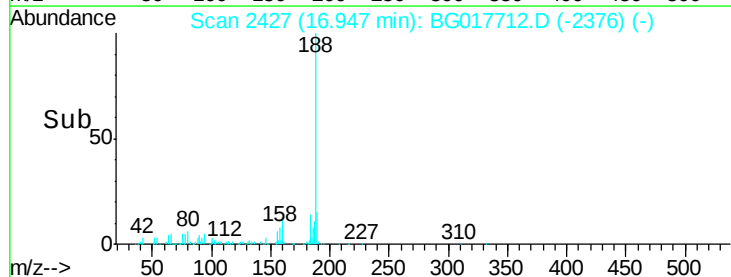
Abundance Ion 188.00 (187.70 to 188.70): E

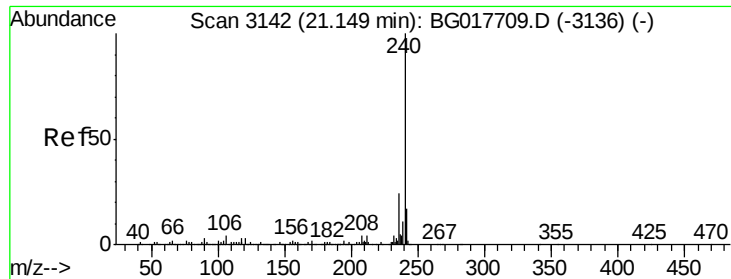
Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time--> 16.90 17.00





#11

Chrysene-d12

Concen: 20.00 ng

RT: 21.15 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG017712.D

Acq: 17 Jun 2015 6:11

Instrument :

BNA_G

ClientSampleId :

SSTDIC080

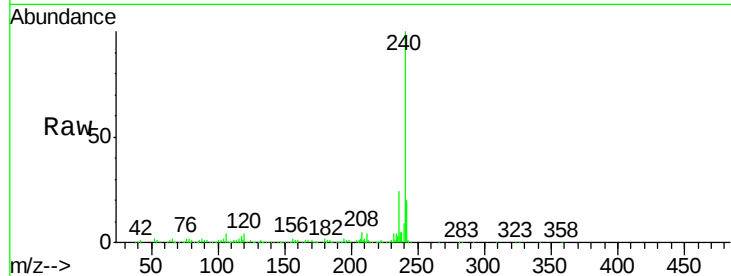
Tgt Ion:240 Resp: 248402

Ion Ratio Lower Upper

240 100

120 4.3 2.4 3.6#

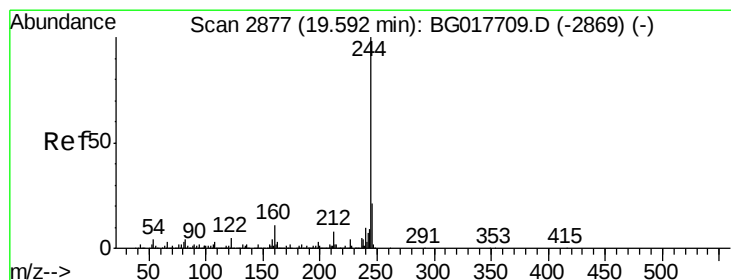
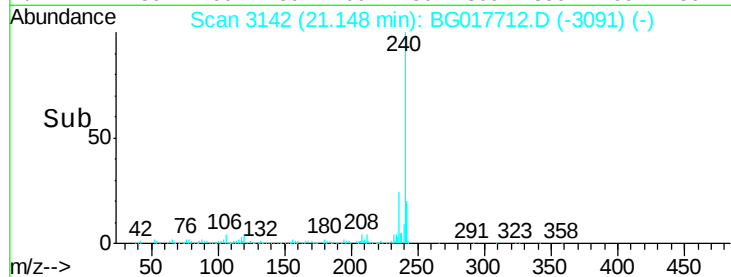
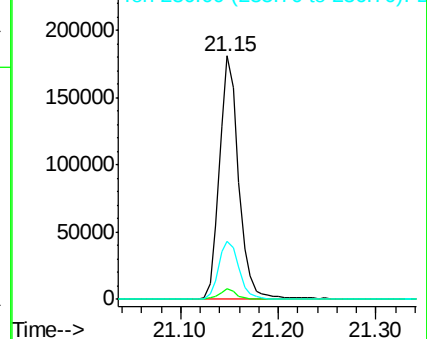
236 23.9 19.5 29.3



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: 146.55 ng

RT: 19.60 min Scan# 2878

Delta R.T. 0.00 min

Lab File: BG017712.D

Acq: 17 Jun 2015 6:11

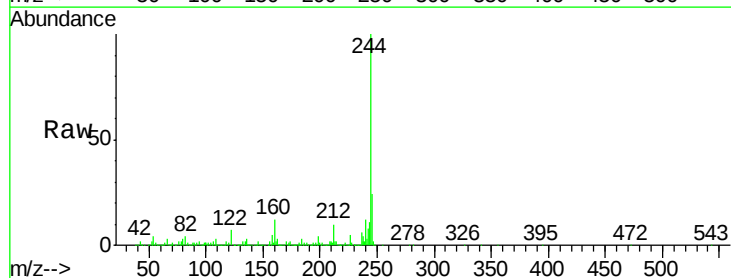
Tgt Ion:244 Resp: 1772223

Ion Ratio Lower Upper

244 100

212 10.0 6.7 10.1

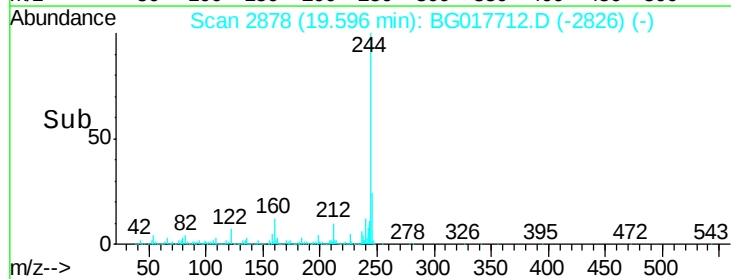
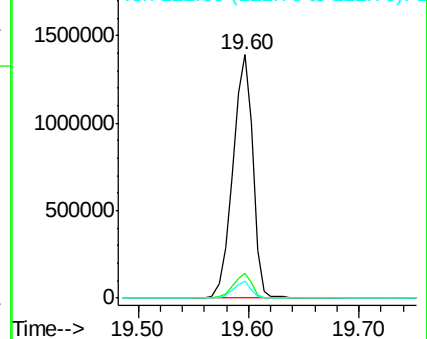
122 6.9 4.3 6.5#

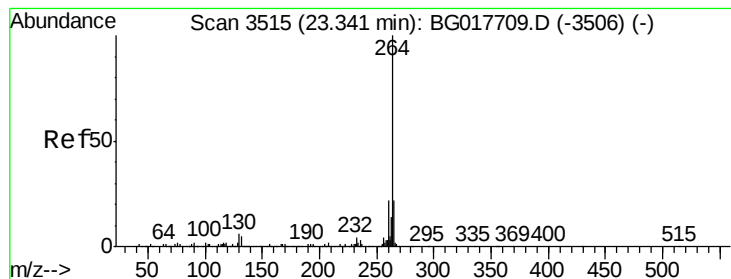


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.34 min Scan# 3515
Delta R.T. -0.00 min
Lab File: BG017712.D
Acq: 17 Jun 2015 6:11

Instrument :
BNA_G
ClientSampleId :
SSTDIC080

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.3	25.9
265	21.7	17.9	26.9

