

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061615\
 Data File : BG017713.D
 Acq On : 17 Jun 2015 6:45
 Operator : TP/IZ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG061615

Quant Time: Jun 17 08:16:39 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 07:04:19 2015
 Response via : Initial Calibration

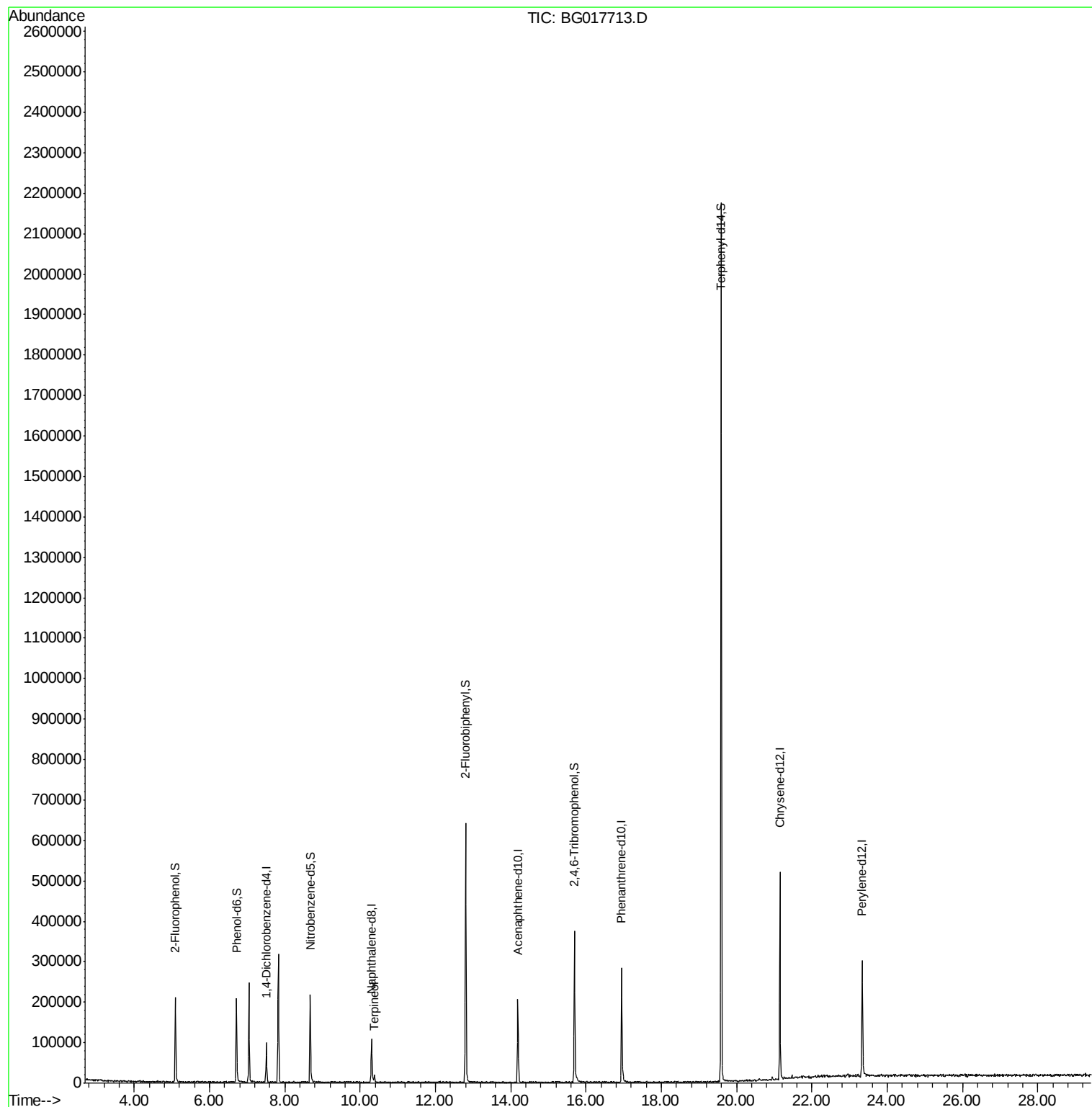
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	19005	20.00	ng	0.00
4) Naphthalene-d8	10.30	136	73857	20.00	ng	0.00
7) Acenaphthene-d10	14.19	164	61388	20.00	ng	0.00
10) Phenanthrene-d10	16.95	188	169120	20.00	ng	0.00
11) Chrysene-d12	21.15	240	258938	20.00	ng	0.00
13) Perylene-d12	23.34	264	217704	20.00	ng	0.00
System Monitoring Compounds						
2) 2-Fluorophenol	5.09	112	66150	74.88	ng	0.00
3) Phenol-d6	6.71	99	84876	76.59	ng	0.00
5) Nitrobenzene-d5	8.67	82	119158	82.37	ng	0.00
8) 2,4,6-Tribromophenol	15.70	330	59792	78.71	ng	0.00
9) 2-Fluorobiphenyl	12.81	172	290065	76.80	ng	0.00
12) Terphenyl-d14	19.59	244	889357	78.91	ng	0.00
Target Compounds						
6) Terpineol	10.37	59	2528	39.10	ng	Qvalue # 46

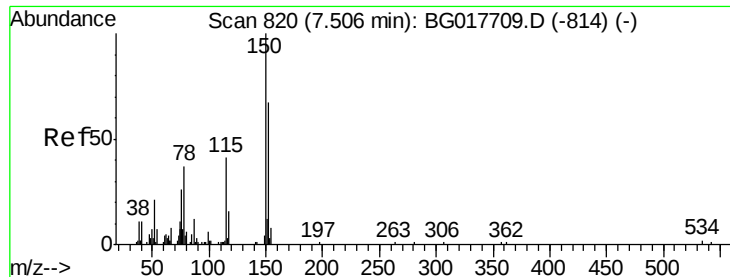
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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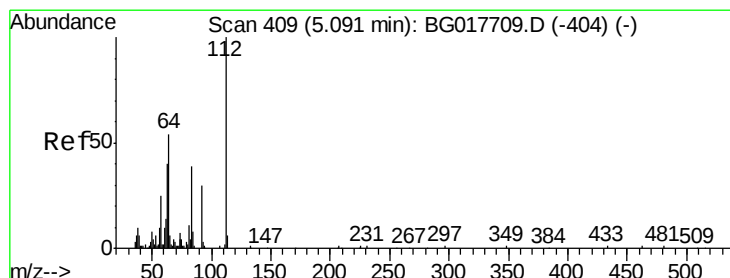
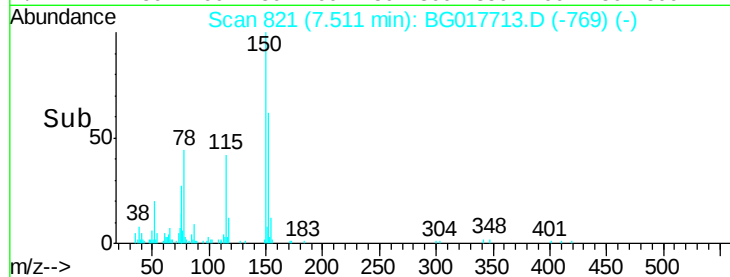
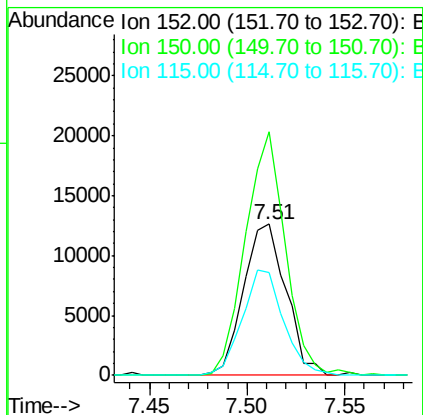
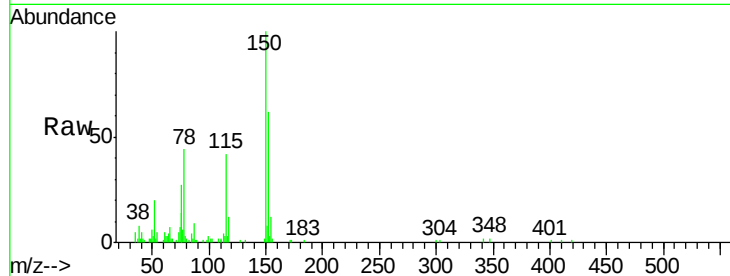


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.51 min Scan# 821
Delta R.T. 0.00 min
Lab File: BG017713.D
Acq: 17 Jun 2015 6:45

Instrument :
BNA_G
ClientSampleId :
ICVBG061615

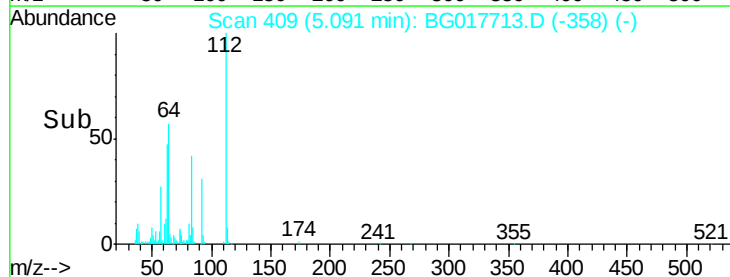
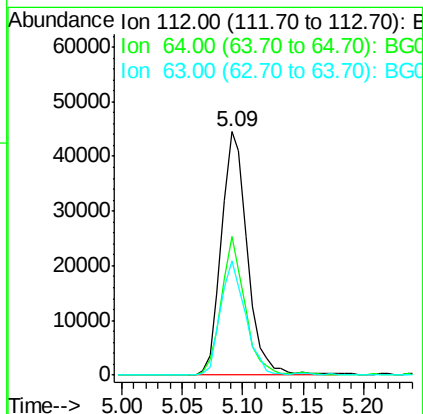
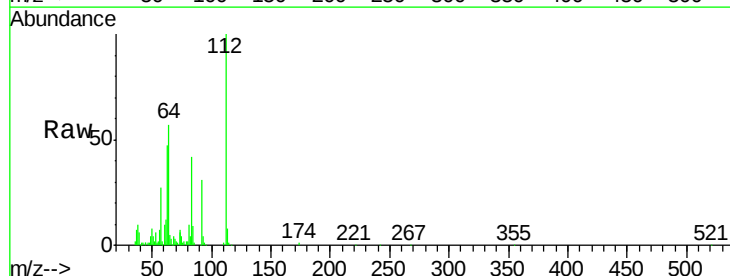
Tgt Ion	Ratio	Lower	Upper
152	100		
150	161.2	119.8	179.6
115	72.5	49.6	74.4

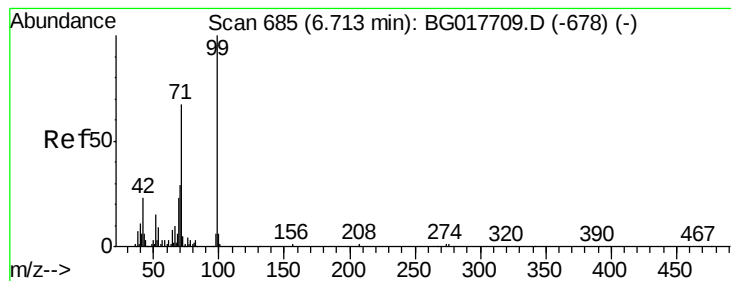


#2

2-Fluorophenol
Concen: 74.88 ng
RT: 5.09 min Scan# 409
Delta R.T. -0.00 min
Lab File: BG017713.D
Acq: 17 Jun 2015 6:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.0	43.5	65.3
63	46.7	32.2	48.2





#3

Phenol-d6

Concen: 76.59 ng

RT: 6.71 min Scan# 685

Delta R.T. -0.00 min

Lab File: BG017713.D

Acq: 17 Jun 2015 6:45

Instrument :

BNA_G

ClientSampleId :

ICVBG061615

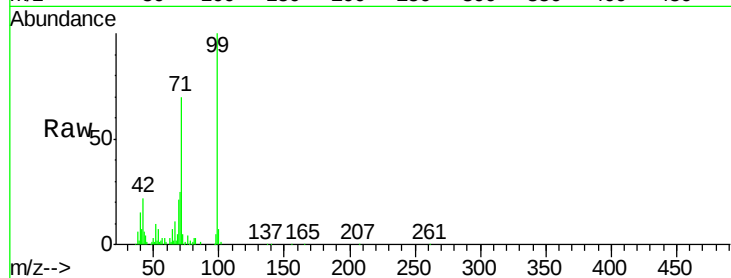
Tgt Ion: 99 Resp: 84876

Ion Ratio Lower Upper

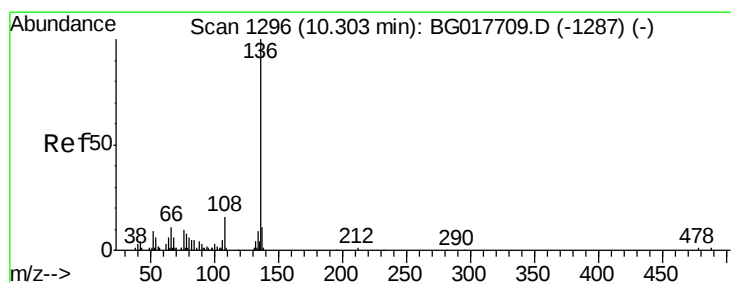
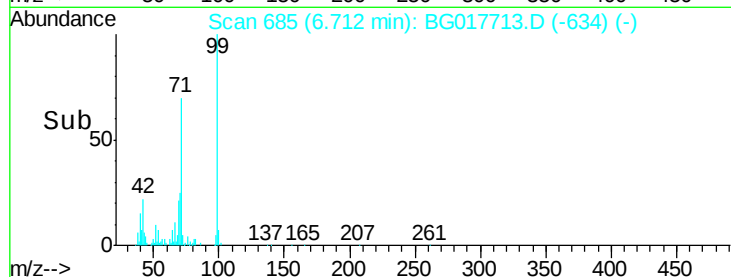
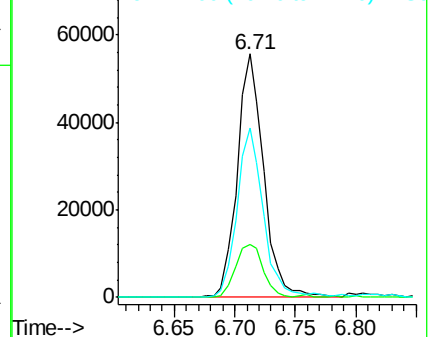
99 100

42 21.9 18.8 28.2

71 69.7 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: BG017713.D

Acq: 17 Jun 2015 6:45

Tgt Ion: 136 Resp: 73857

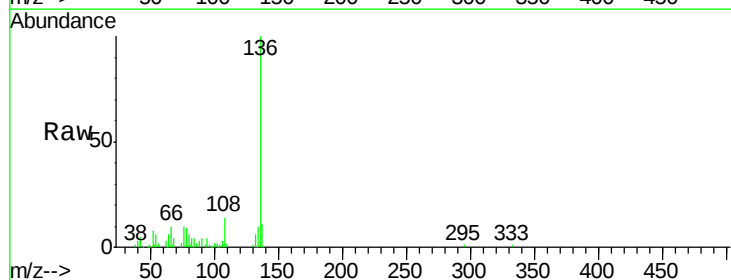
Ion Ratio Lower Upper

136 100

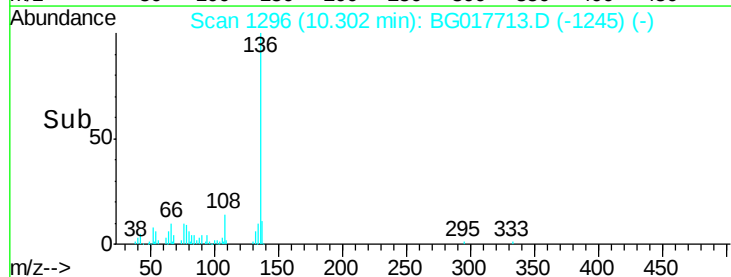
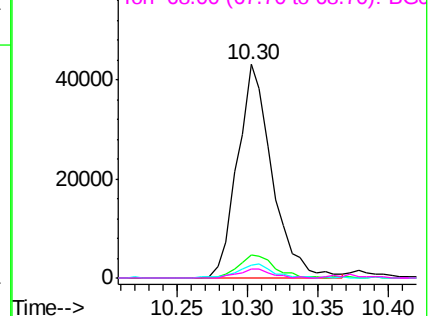
137 10.8 9.0 13.4

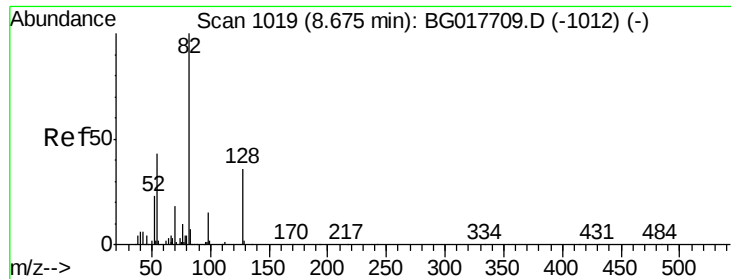
54 5.9 4.4 6.6

68 4.3 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: 82.37 ng

RT: 8.67 min Scan# 1019

Delta R.T. -0.00 min

Lab File: BG017713.D

Acq: 17 Jun 2015 6:45

Instrument :

BNA_G

ClientSampleId :

ICVBG061615

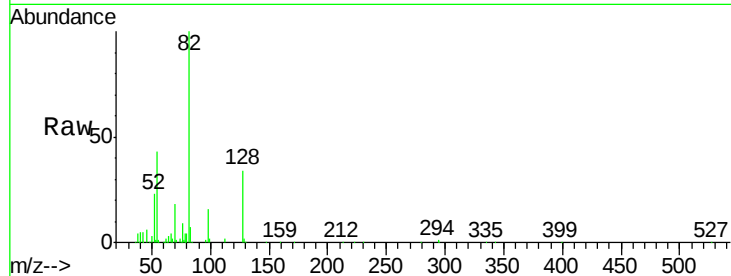
Tgt Ion: 82 Resp: 119158

Ion Ratio Lower Upper

82 100

128 33.9 29.0 43.4

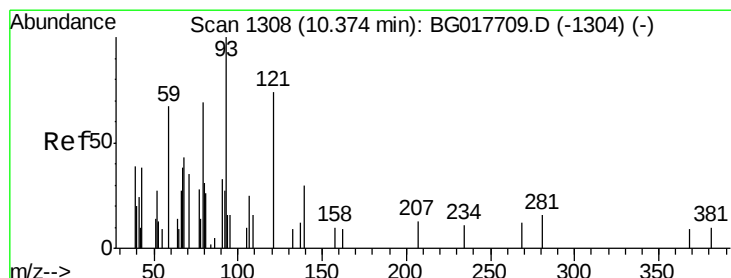
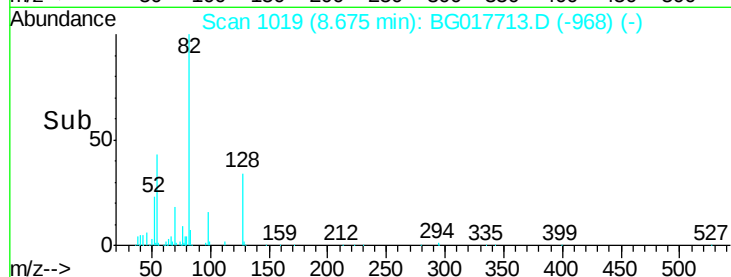
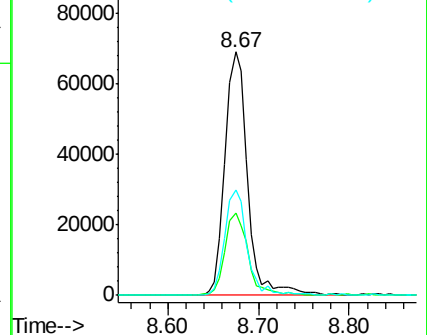
54 43.1 34.5 51.7



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: 39.10 ng

RT: 10.37 min Scan# 1308

Delta R.T. -0.00 min

Lab File: BG017713.D

Acq: 17 Jun 2015 6:45

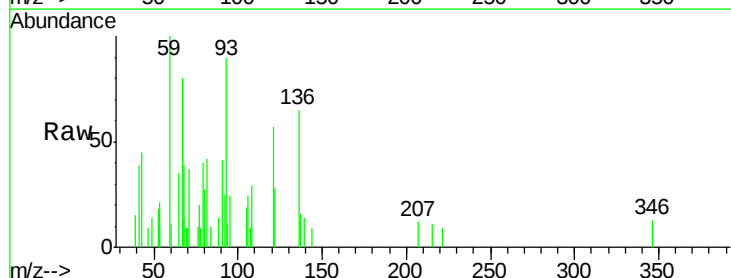
Tgt Ion: 59 Resp: 2528

Ion Ratio Lower Upper

59 100

93 90.1 118.9 178.3#

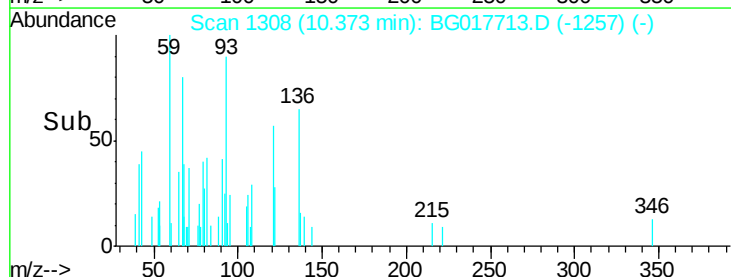
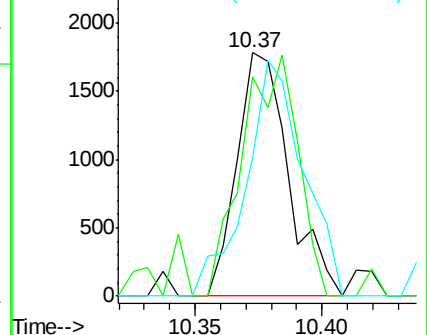
121 56.8 104.3 156.5#

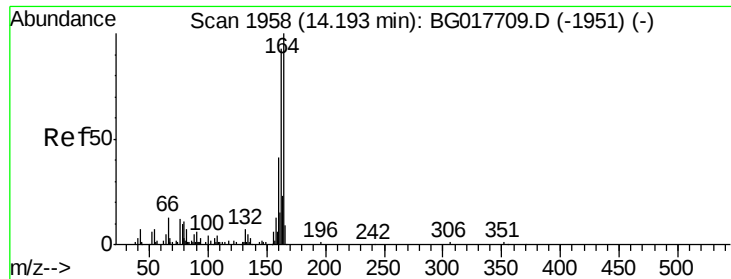


Abundance Ion 59.00 (58.70 to 59.70): BGC

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: BG017713.D

Acq: 17 Jun 2015 6:45

Instrument :

BNA_G

ClientSampleId :

ICVBG061615

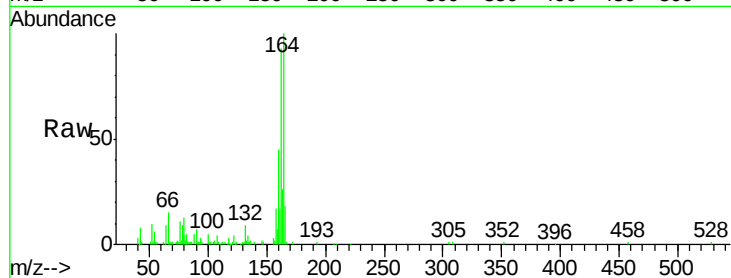
Tgt Ion:164 Resp: 61388

Ion Ratio Lower Upper

164 100

162 93.0 74.5 111.7

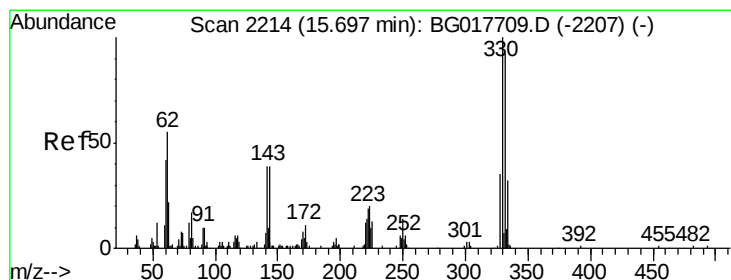
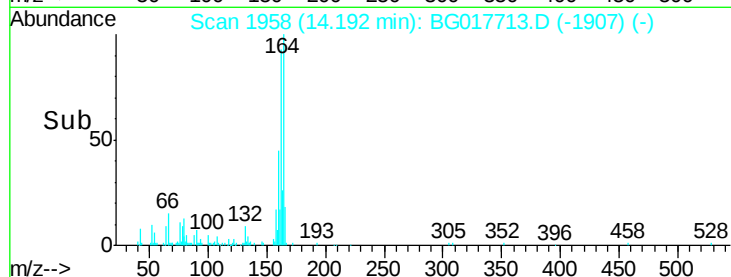
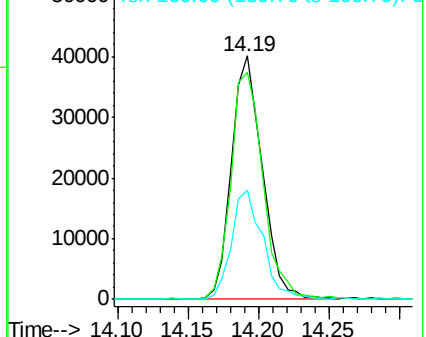
160 44.6 32.7 49.1



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: 78.71 ng

RT: 15.70 min Scan# 2214

Delta R.T. -0.00 min

Lab File: BG017713.D

Acq: 17 Jun 2015 6:45

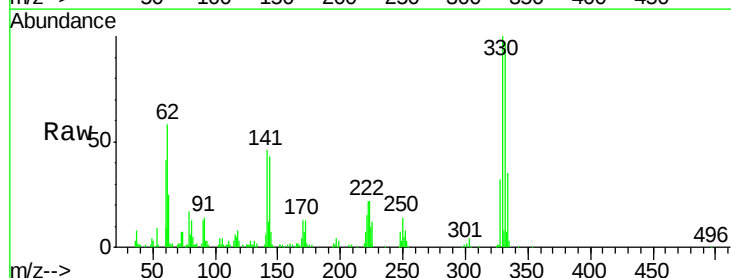
Tgt Ion:330 Resp: 59792

Ion Ratio Lower Upper

330 100

332 94.4 77.7 116.5

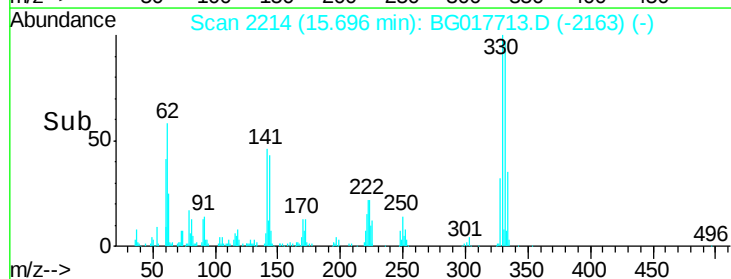
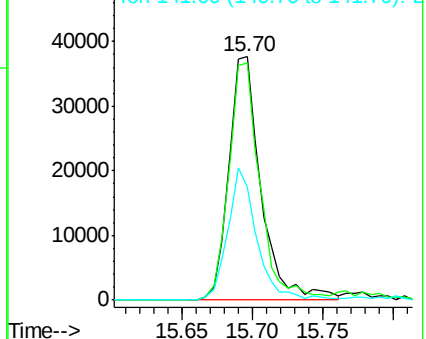
141 48.9 37.0 55.4

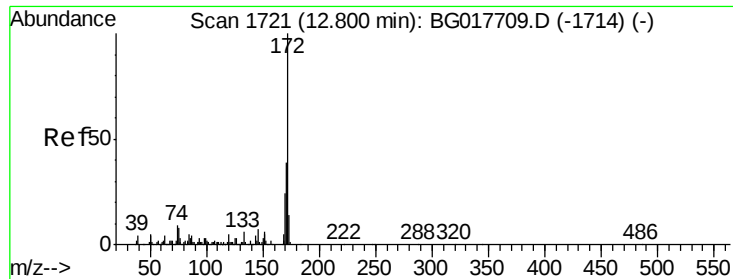


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#9

2-Fluorobiphenyl

Concen: 76.80 ng

RT: 12.81 min Scan# 1722

Delta R.T. 0.00 min

Lab File: BG017713.D

Acq: 17 Jun 2015 6:45

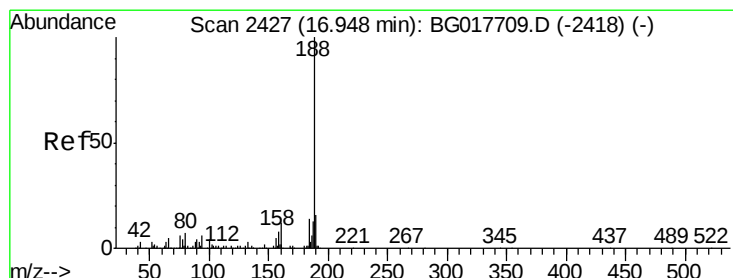
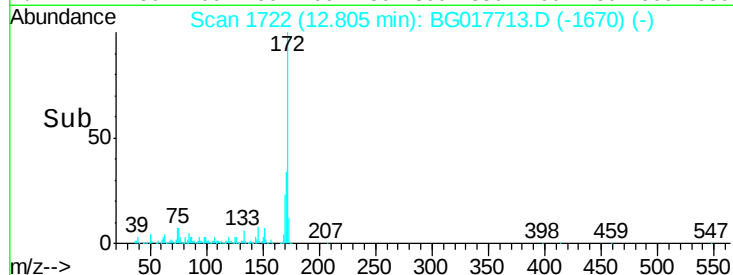
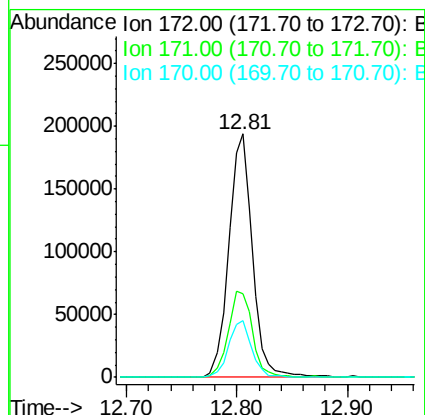
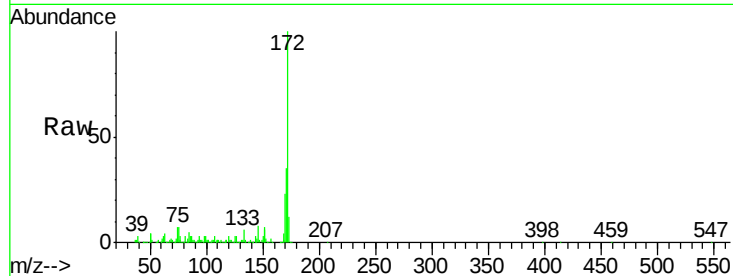
Instrument :

BNA_G

ClientSampleId :

ICVBG061615

Tgt Ion:	172	Resp:	290065
Ion	Ratio	Lower	Upper
172	100		
171	34.5	31.1	46.7
170	23.3	19.0	28.4



#10

Phenanthrene-d10

Concen: 20.00 ng

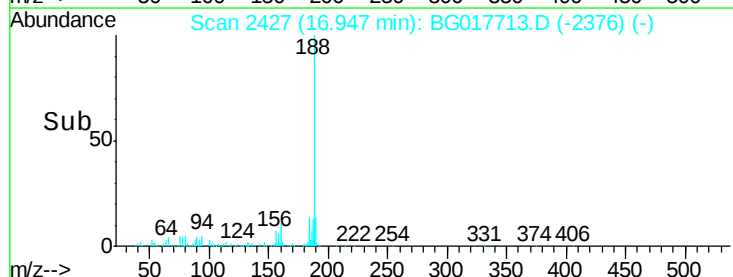
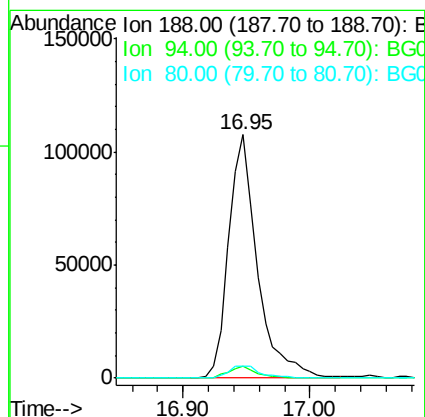
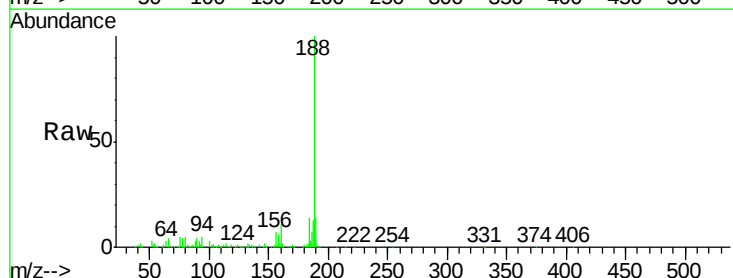
RT: 16.95 min Scan# 2427

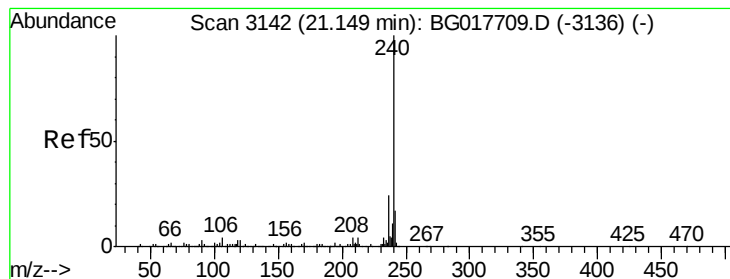
Delta R.T. -0.00 min

Lab File: BG017713.D

Acq: 17 Jun 2015 6:45

Tgt Ion:	188	Resp:	169120
Ion	Ratio	Lower	Upper
188	100		
94	4.8	4.6	7.0
80	4.7	5.6	8.4#





#11

Chrysene-d12

Concen: 20.00 ng

RT: 21.15 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG017713.D

Acq: 17 Jun 2015 6:45

Instrument :

BNA_G

ClientSampleId :

ICVBG061615

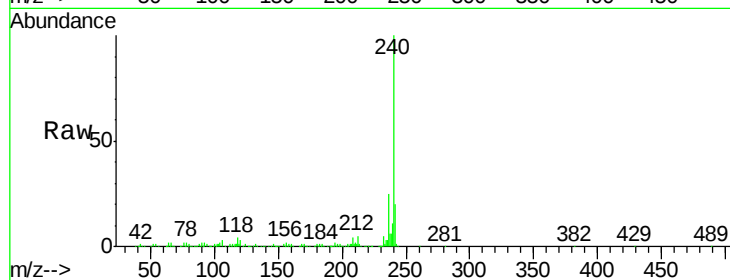
Tgt Ion:240 Resp: 258938

Ion Ratio Lower Upper

240 100

120 3.3 2.4 3.6

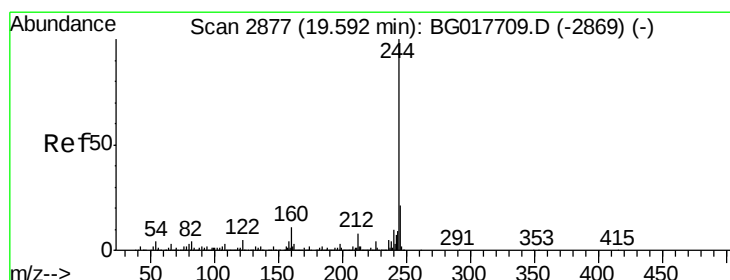
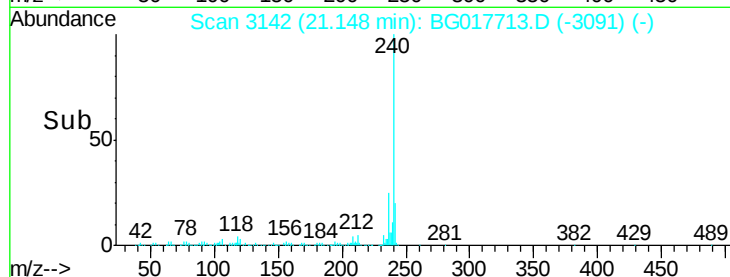
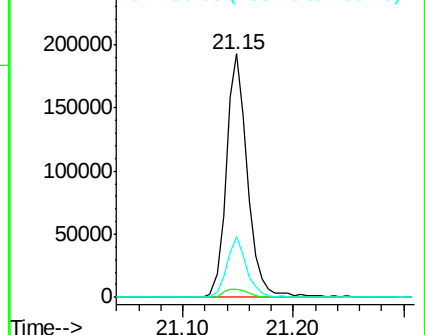
236 25.1 19.5 29.3



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: 78.91 ng

RT: 19.59 min Scan# 2877

Delta R.T. -0.00 min

Lab File: BG017713.D

Acq: 17 Jun 2015 6:45

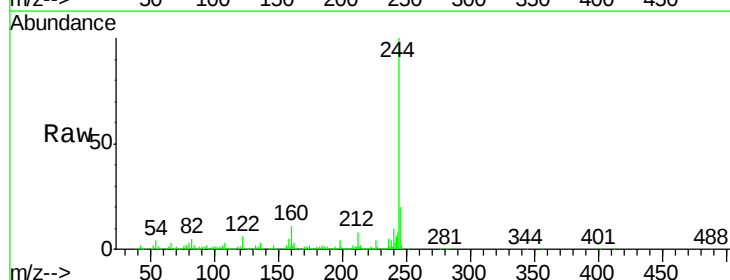
Tgt Ion:244 Resp: 889357

Ion Ratio Lower Upper

244 100

212 8.4 6.7 10.1

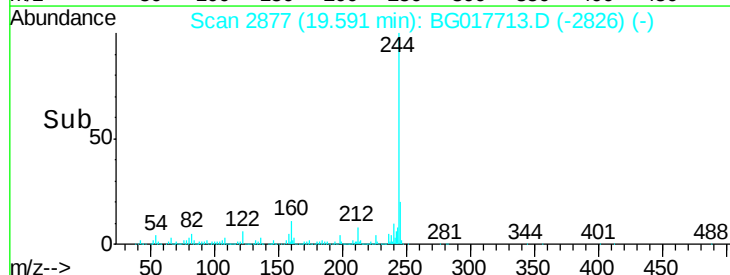
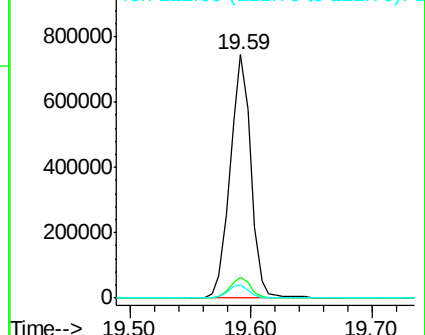
122 5.7 4.3 6.5

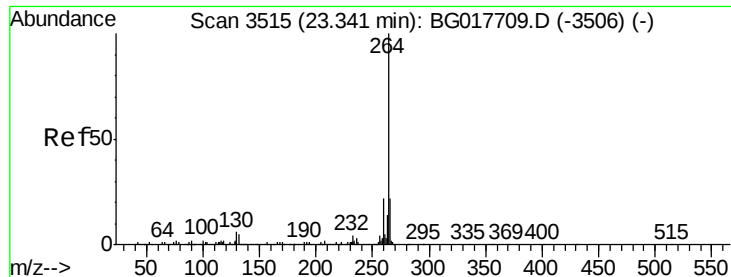


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG017713.D
Acq: 17 Jun 2015 6:45

Instrument :
BNA_G
ClientSampleId :
ICVBG061615

Tgt Ion: 264 Resp: 217704

Ion	Ratio	Lower	Upper
264	100		
260	25.7	17.3	25.9
265	20.8	17.9	26.9

