

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061015\
 Data File : BG017607.D
 Acq On : 10 Jun 2015 19:00
 Operator : TP/IZ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC080

Quant Time: Jun 11 04:04:52 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 04:02:50 2015
 Response via : Initial Calibration

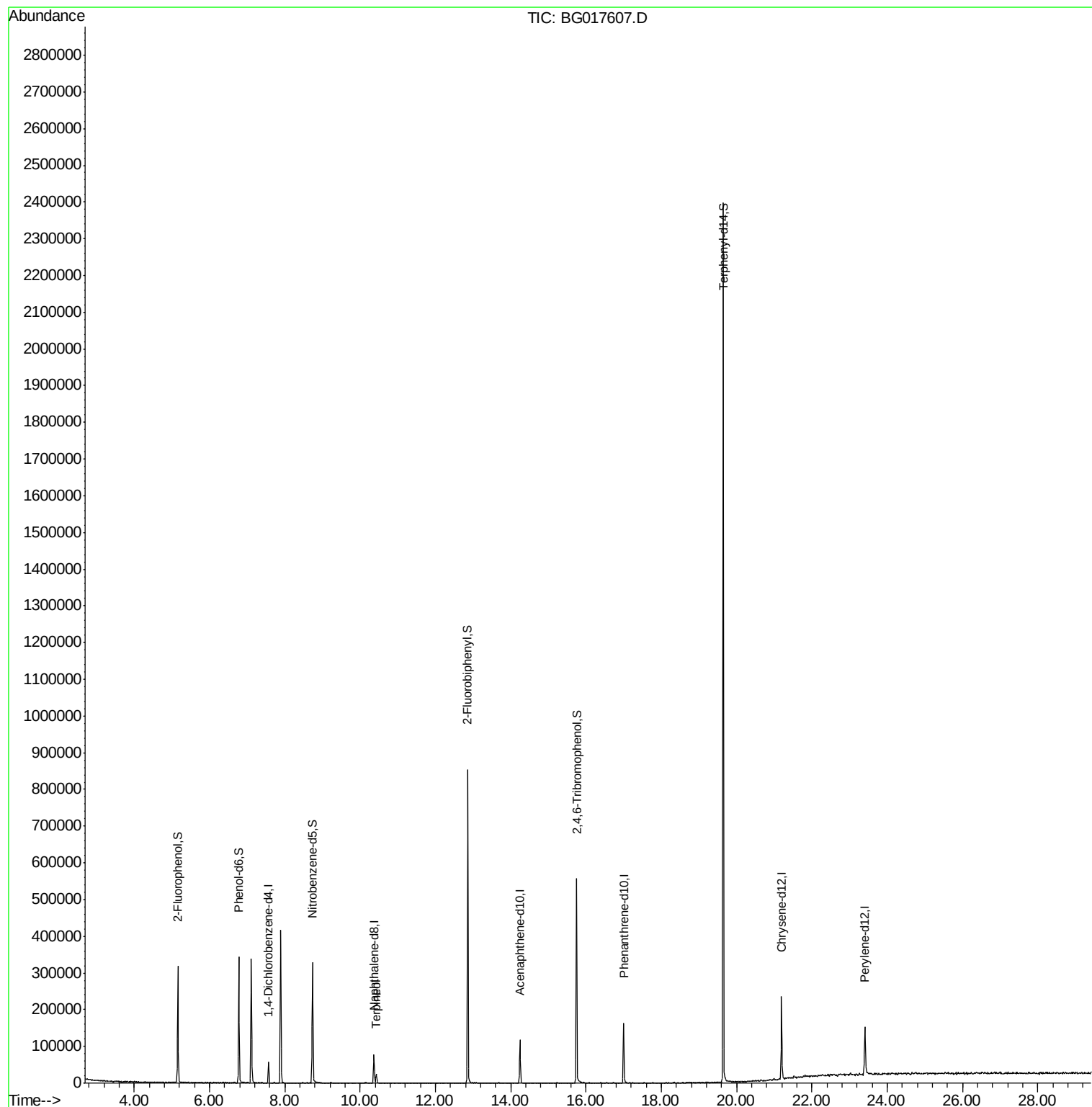
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	12059	20.00	ng	0.00
4) Naphthalene-d8	10.36	136	53125	20.00	ng	0.00
7) Acenaphthene-d10	14.24	164	37997	20.00	ng	0.00
10) Phenanthrene-d10	17.00	188	95273	20.00	ng	0.00
11) Chrysene-d12	21.20	240	105705	20.00	ng	0.00
13) Perylene-d12	23.41	264	99597	20.00	ng	0.00
System Monitoring Compounds						
2) 2-Fluorophenol	5.16	112	100396	133.30	ng	0.00
3) Phenol-d6	6.78	99	123662	108.94	ng	0.00
5) Nitrobenzene-d5	8.73	82	160939	203.75	ng	0.00
8) 2,4,6-Tribromophenol	15.75	330	80357	304.71	ng	0.00
9) 2-Fluorobiphenyl	12.86	172	352815	178.25	ng	0.00
12) Terphenyl-d14	19.64	244	910456	223.68	ng	0.00
Target Compounds						
6) Terpineol	10.43	59	7596	115.17	ng	Qvalue # 78

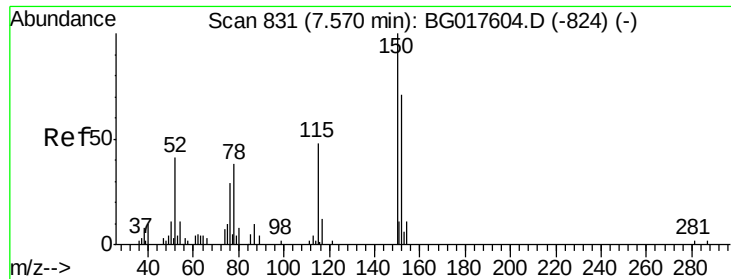
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG017607.D

Acq: 10 Jun 2015 19:00

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

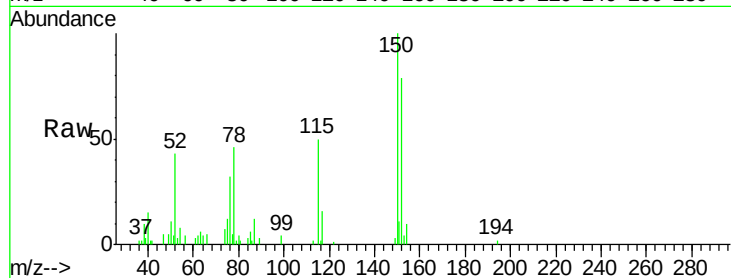
Tgt Ion:152 Resp: 12059

Ion Ratio Lower Upper

152 100

150 126.8 112.5 168.7

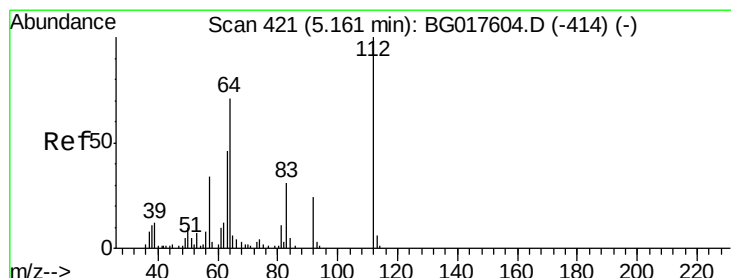
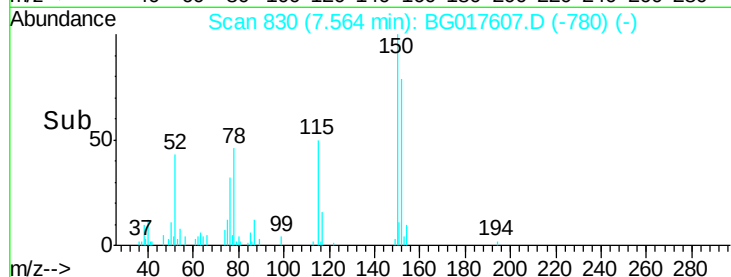
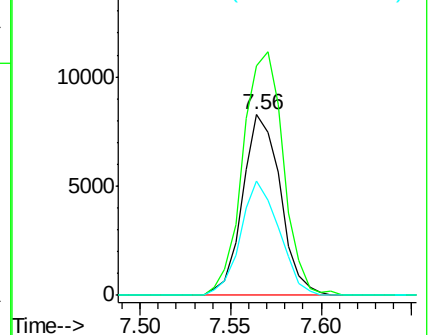
115 63.5 54.5 81.7



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: 133.30 ng

RT: 5.16 min Scan# 420

Delta R.T. -0.01 min

Lab File: BG017607.D

Acq: 10 Jun 2015 19:00

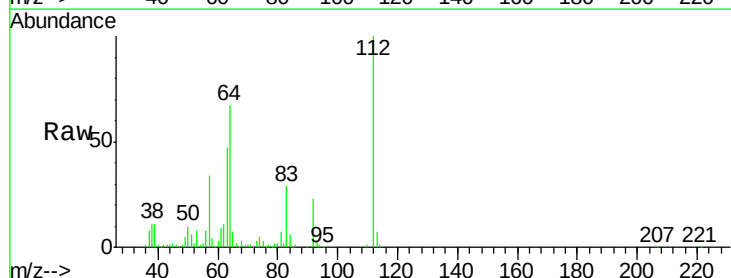
Tgt Ion:112 Resp: 100396

Ion Ratio Lower Upper

112 100

64 67.2 57.0 85.4

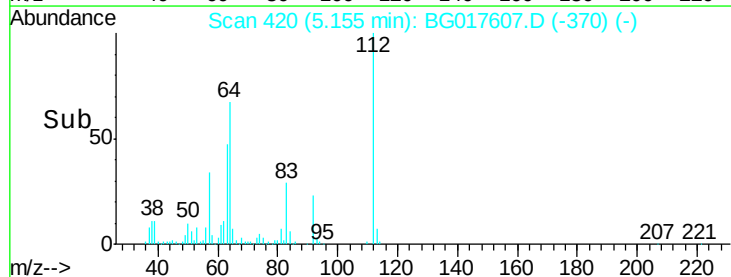
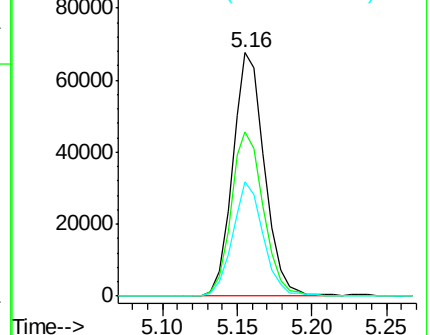
63 46.9 37.1 55.7

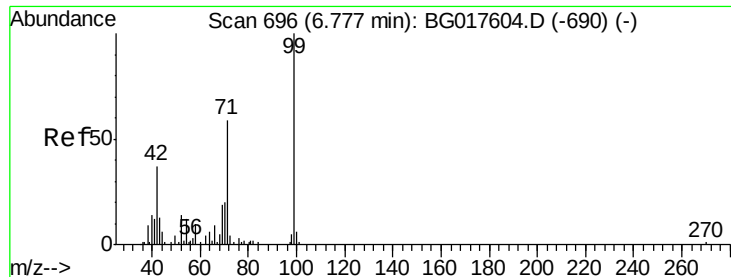


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#3

Phenol-d6

Concen: 108.94 ng

RT: 6.78 min Scan# 696

Delta R.T. 0.00 min

Lab File: BG017607.D

Acq: 10 Jun 2015 19:00

Instrument :

BNA_G

ClientSampled :

SSTDICC080

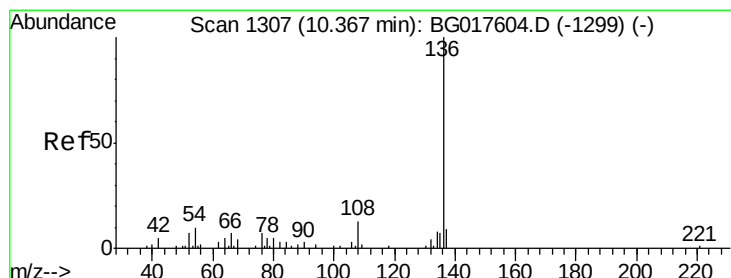
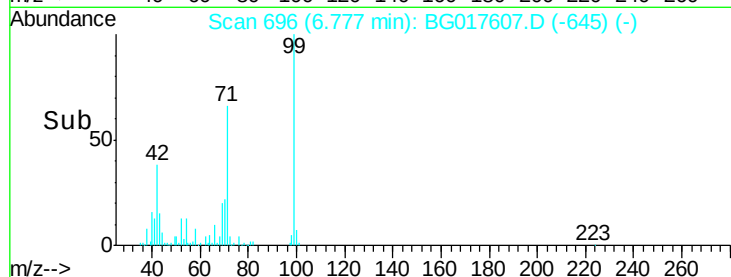
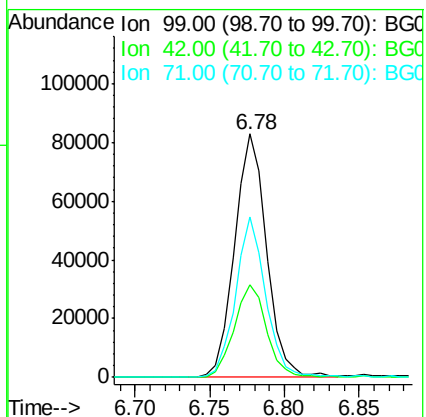
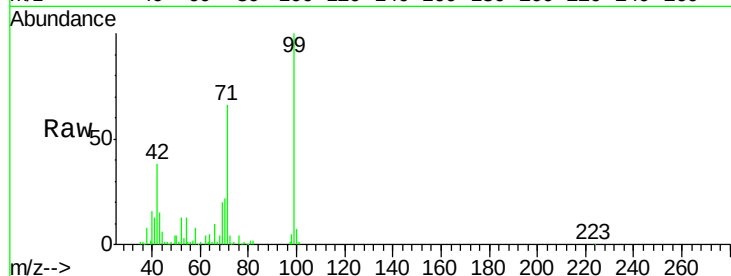
Tgt Ion: 99 Resp: 123662

Ion Ratio Lower Upper

99 100

42 38.1 29.9 44.9

71 65.9 47.3 70.9



#4

Naphthalene-d8

Concen: 20.00 ng

RT: 10.36 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BG017607.D

Acq: 10 Jun 2015 19:00

Tgt Ion: 136 Resp: 53125

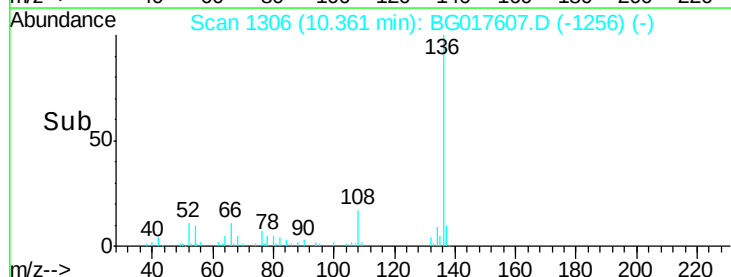
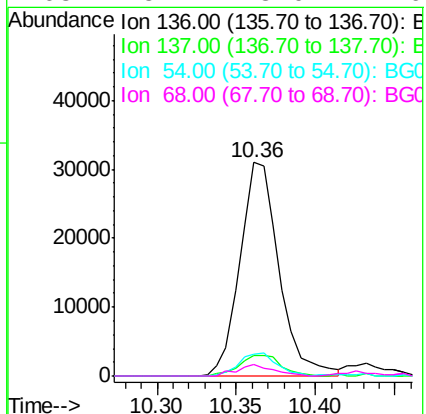
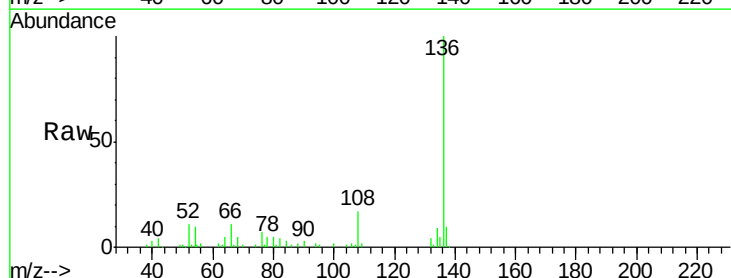
Ion Ratio Lower Upper

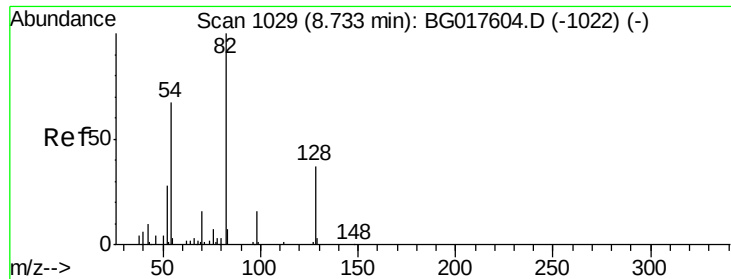
136 100

137 9.9 7.2 10.8

54 10.9 7.6 11.4

68 5.2 3.0 4.6#





#5

Nitrobenzene-d5

Concen: 203.75 ng

RT: 8.73 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BG017607.D

Acq: 10 Jun 2015 19:00

Instrument :

BNA_G

ClientSampleId :

SSTDIC080

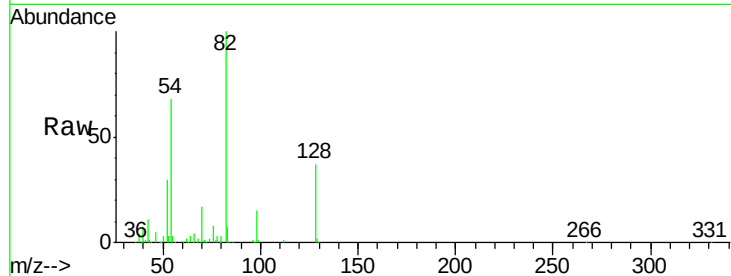
Tgt Ion: 82 Resp: 160939

Ion Ratio Lower Upper

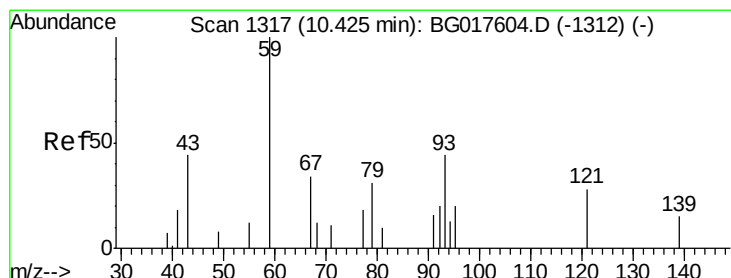
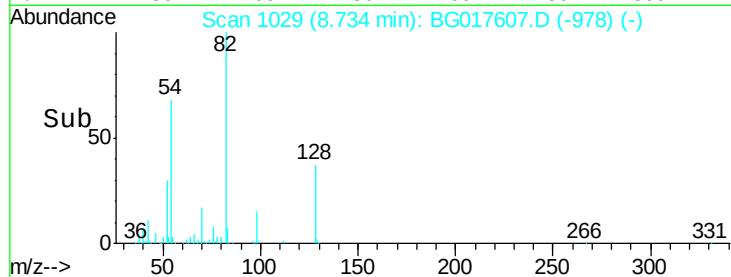
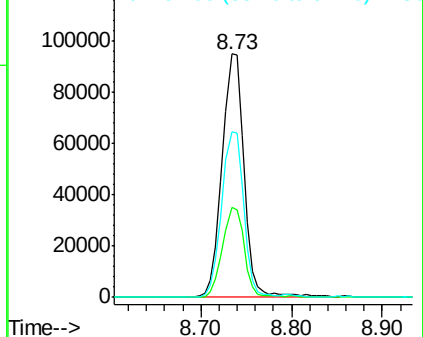
82 100

128 36.8 29.8 44.6

54 68.1 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: 115.17 ng

RT: 10.43 min Scan# 1317

Delta R.T. 0.00 min

Lab File: BG017607.D

Acq: 10 Jun 2015 19:00

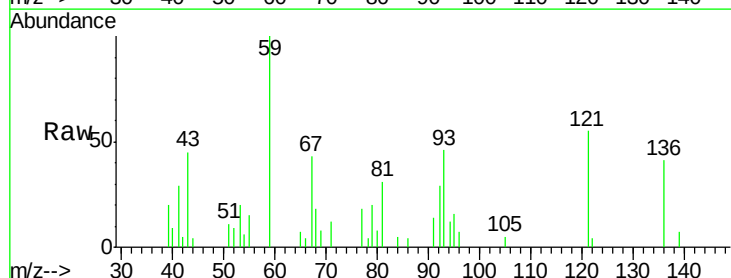
Tgt Ion: 59 Resp: 7596

Ion Ratio Lower Upper

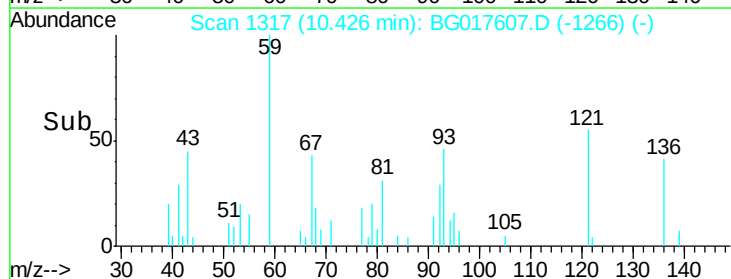
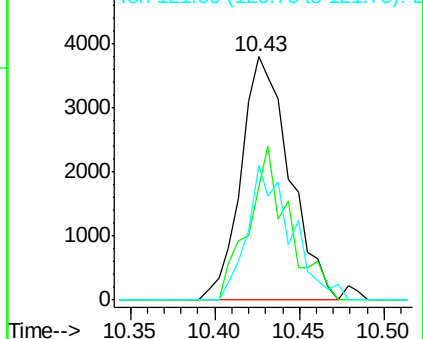
59 100

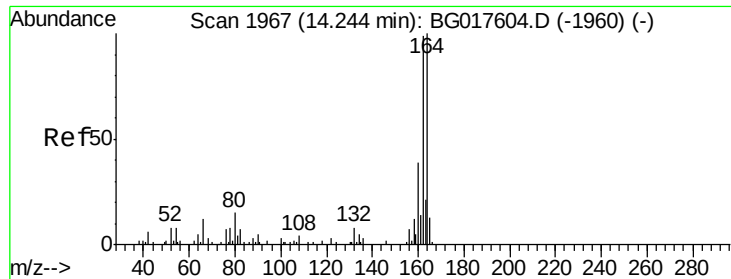
93 46.2 35.5 53.3

121 55.3 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: 14.24 min Scan# 1967

Delta R.T. 0.00 min

Lab File: BG017607.D

Acq: 10 Jun 2015 19:00

Instrument :

BNA_G

ClientSampleId :

SSTDIC080

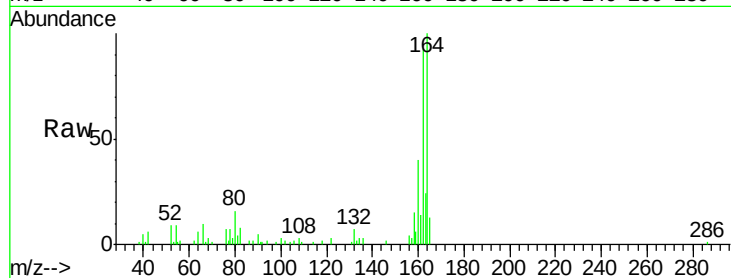
Tgt Ion:164 Resp: 37997

Ion Ratio Lower Upper

164 100

162 93.3 79.0 118.4

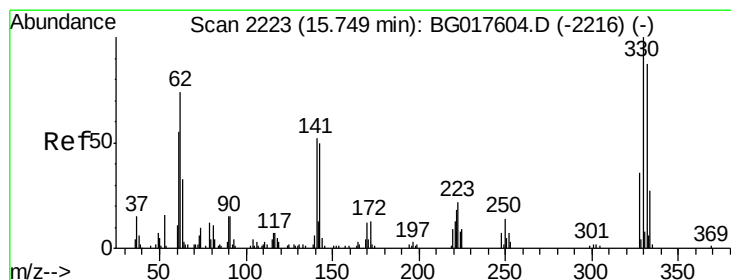
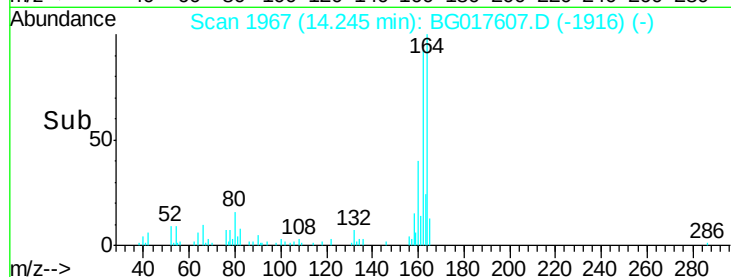
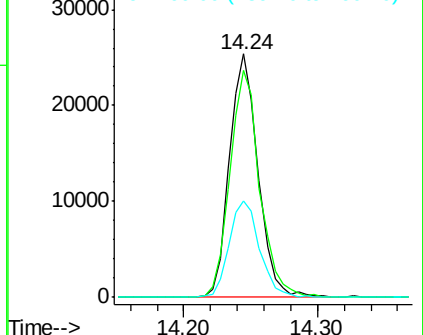
160 39.7 31.5 47.3



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: 304.71 ng

RT: 15.75 min Scan# 2223

Delta R.T. 0.00 min

Lab File: BG017607.D

Acq: 10 Jun 2015 19:00

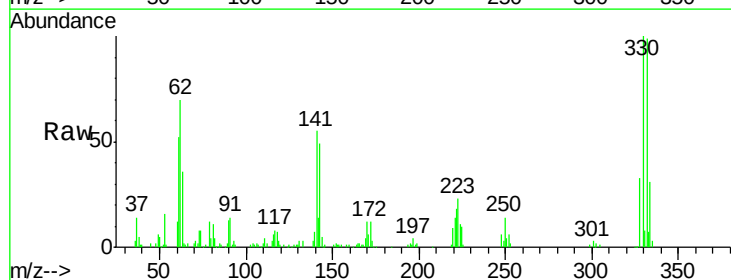
Tgt Ion:330 Resp: 80357

Ion Ratio Lower Upper

330 100

332 94.4 71.3 106.9

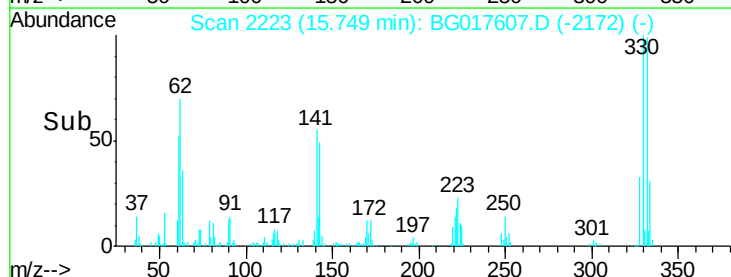
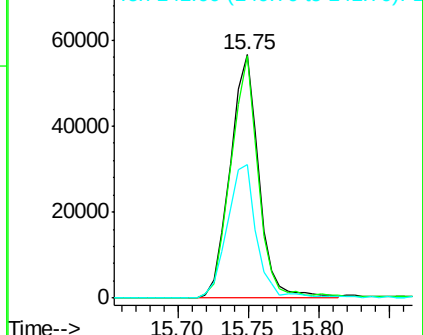
141 55.7 44.8 67.2

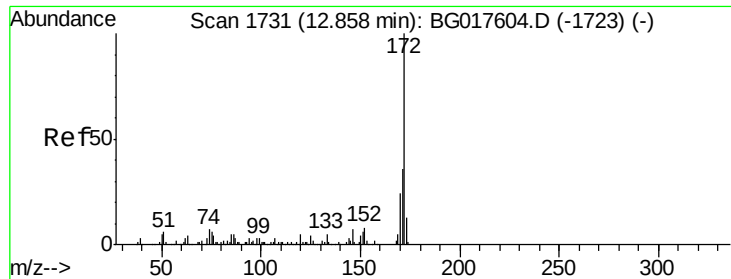


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#9

2-Fluorobiphenyl

Concen: 178.25 ng

RT: 12.86 min Scan# 1731

Delta R.T. 0.00 min

Lab File: BG017607.D

Acq: 10 Jun 2015 19:00

Instrument :

BNA_G

ClientSampleId :

SSTDIC080

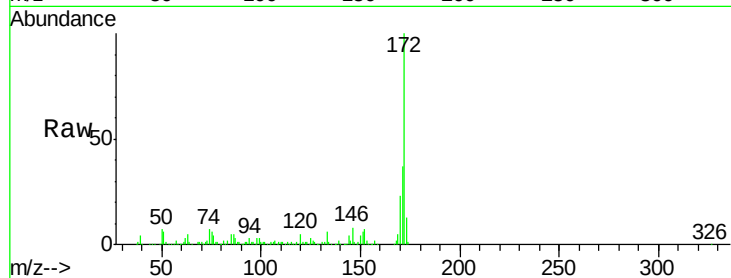
Tgt Ion:172 Resp: 352815

Ion Ratio Lower Upper

172 100

171 37.2 28.7 43.1

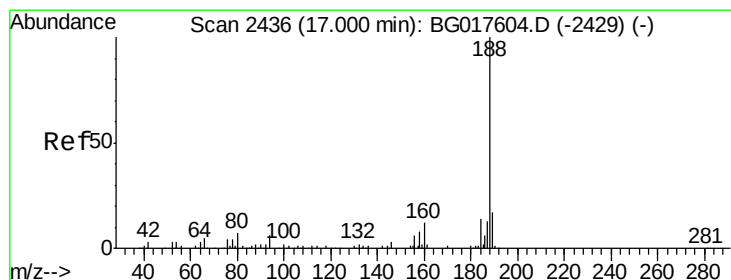
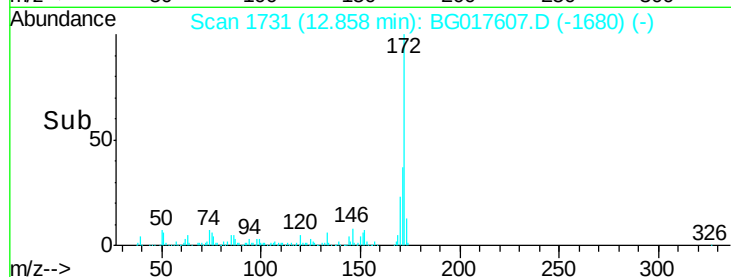
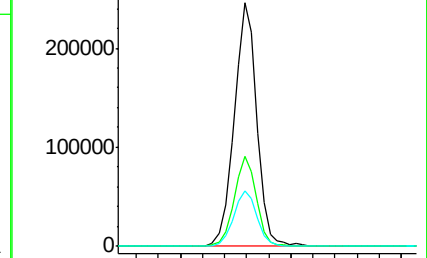
170 23.0 19.4 29.0



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: BG017607.D

Acq: 10 Jun 2015 19:00

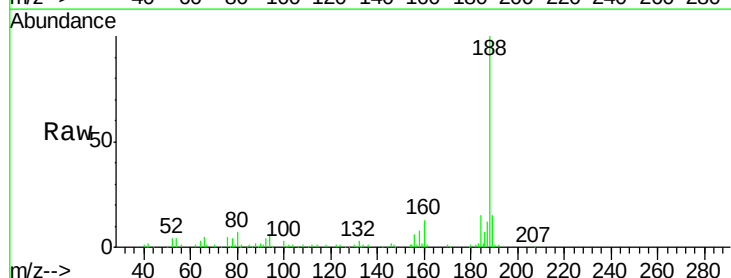
Tgt Ion:188 Resp: 95273

Ion Ratio Lower Upper

188 100

94 6.0 5.0 7.6

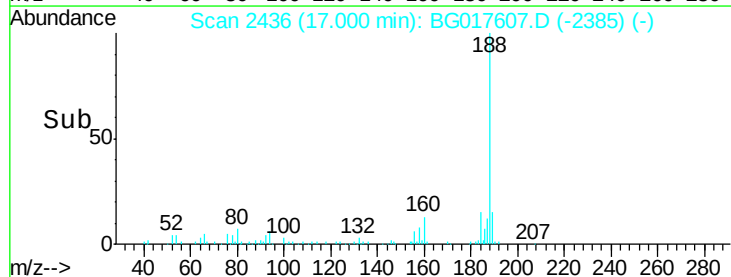
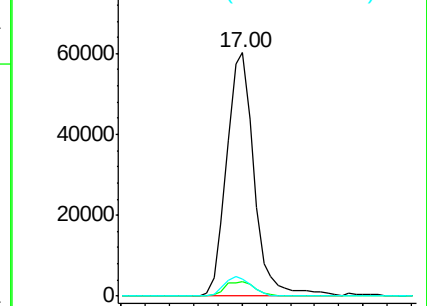
80 7.1 5.3 7.9

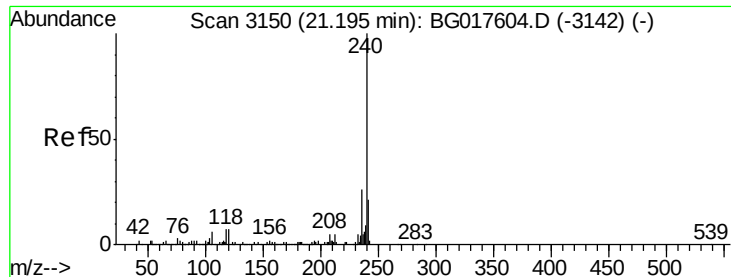


Abundance Ion 188.00 (187.70 to 188.70): E

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: BG017607.D

Acq: 10 Jun 2015 19:00

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

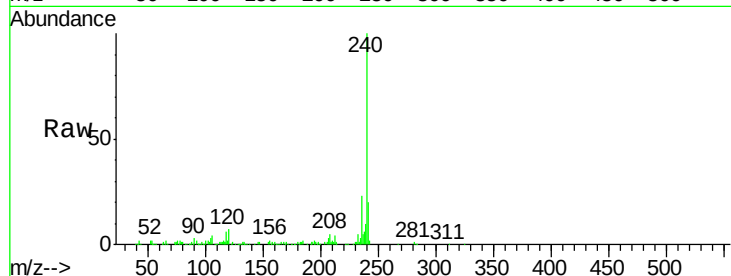
Tgt Ion:240 Resp: 105705

Ion Ratio Lower Upper

240 100

120 6.7 5.4 8.0

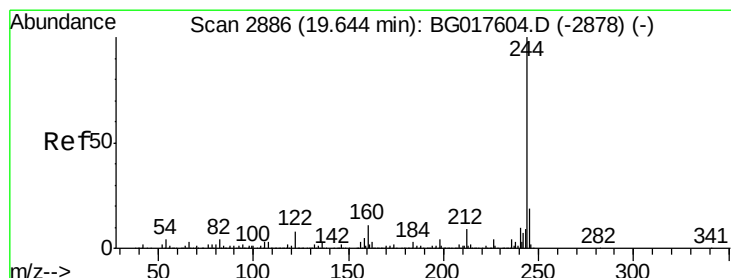
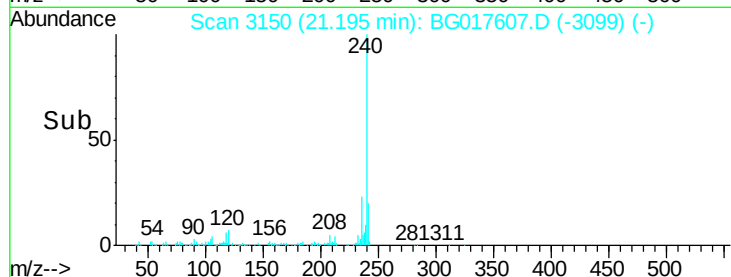
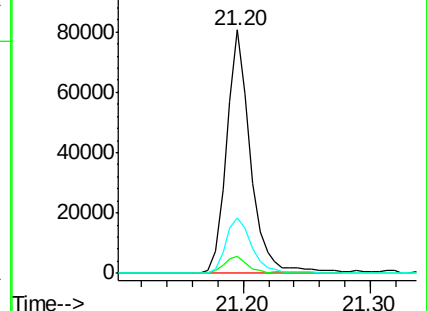
236 22.6 20.6 31.0



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: 223.68 ng

RT: 19.64 min Scan# 2886

Delta R.T. 0.00 min

Lab File: BG017607.D

Acq: 10 Jun 2015 19:00

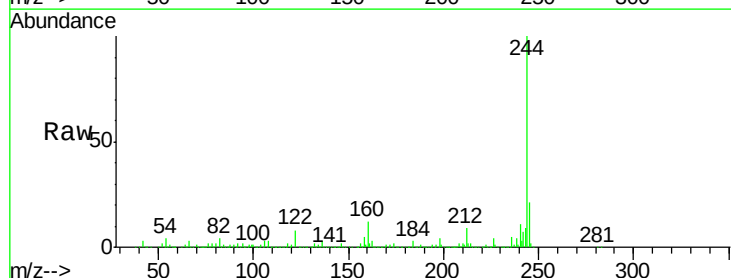
Tgt Ion:244 Resp: 910456

Ion Ratio Lower Upper

244 100

212 9.2 7.0 10.6

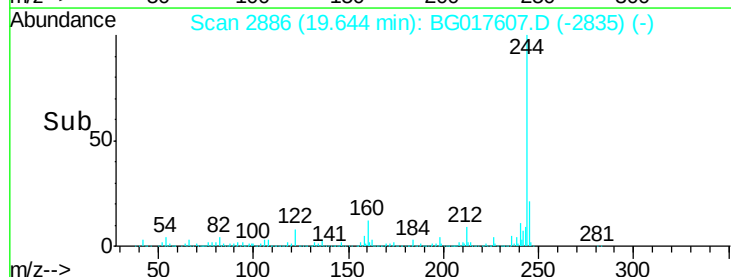
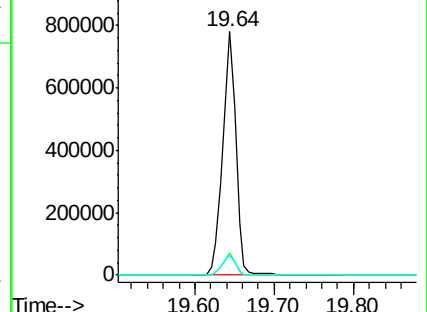
122 8.1 6.0 9.0

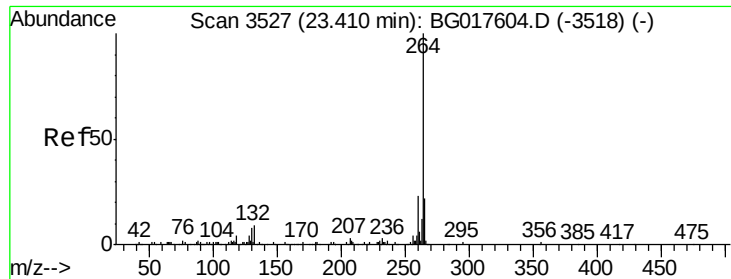


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#13
Perylene-d12
Concen: 20.00 ng
RT: 23.41 min Scan# 3527
Delta R.T. 0.00 min
Lab File: BG017607.D
Acq: 10 Jun 2015 19:00

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion: 264 Resp: 99597

Ion	Ratio	Lower	Upper
264	100		
260	20.7	18.6	27.8
265	20.8	17.6	26.4

