

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061515\
 Data File : BG017704.D
 Acq On : 16 Jun 2015 1:19
 Operator : TP/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Jun 16 09:08:07 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\625-TERPINEOL-BG061015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 16 08:41:48 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	16869	20.00	ng	-0.05
4) Naphthalene-d8	10.31	136	61853	20.00	ng	-0.05
7) Acenaphthene-d10	14.20	164	46947	20.00	ng	-0.04
10) Phenanthrene-d10	16.96	188	140668	20.00	ng	-0.04
11) Chrysene-d12	21.16	240	209206	20.00	ng	-0.03
13) Perylene-d12	23.36	264	210960	20.00	ng	-0.05
System Monitoring Compounds						
2) 2-Fluorophenol	5.11	112	113919	133.82	ng	-0.05
3) Phenol-d6	6.73	99	153398	143.99	ng	-0.05
5) Nitrobenzene-d5	8.69	82	115984	103.09	ng	-0.05
8) 2,4,6-Tribromophenol	15.71	330	105164	184.70	ng	-0.04
9) 2-Fluorobiphenyl	12.82	172	279532	106.83	ng	-0.04
12) Terphenyl-d14	19.60	244	784972	75.43	ng	-0.04

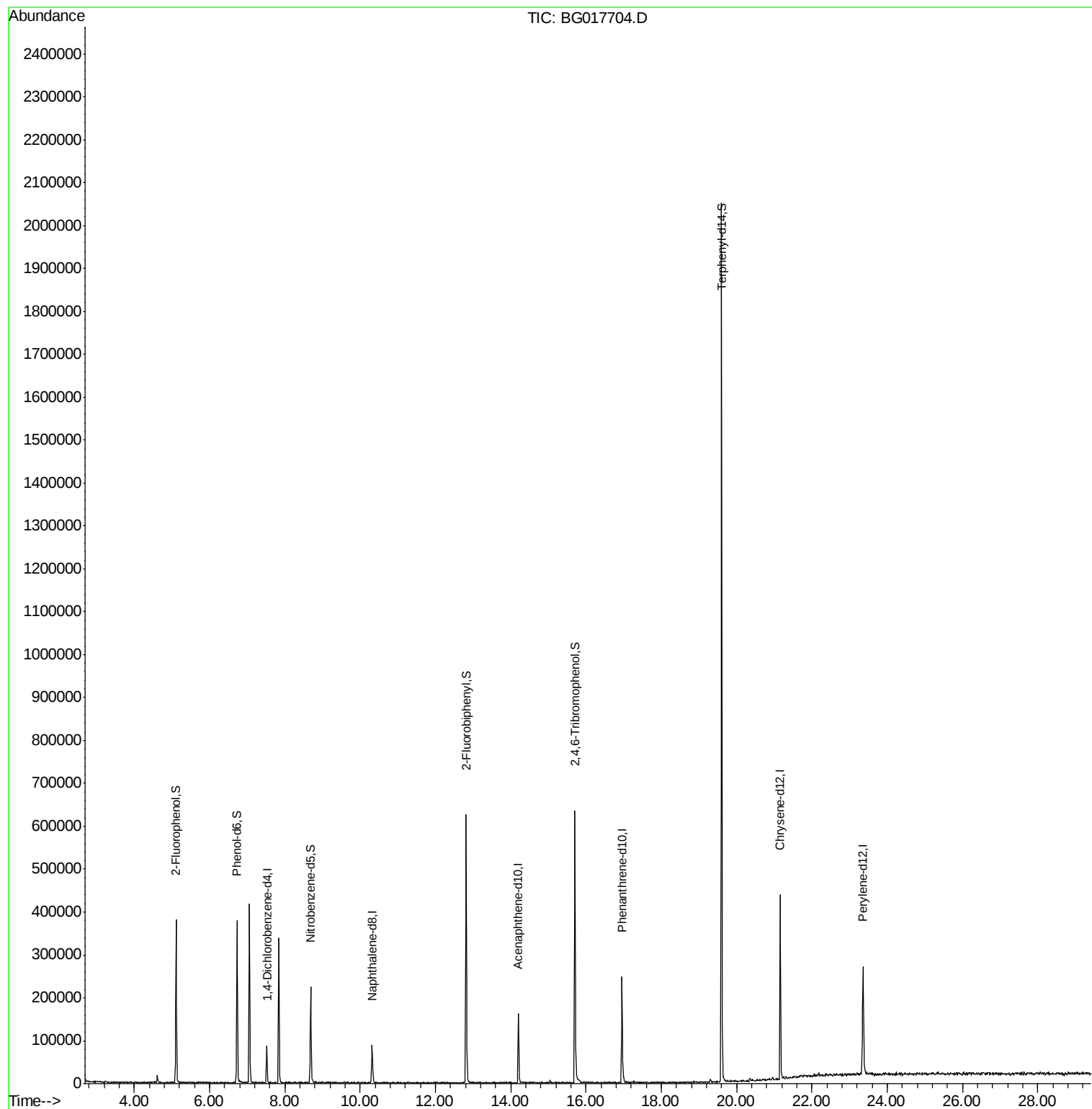
Target Compounds	Qvalue
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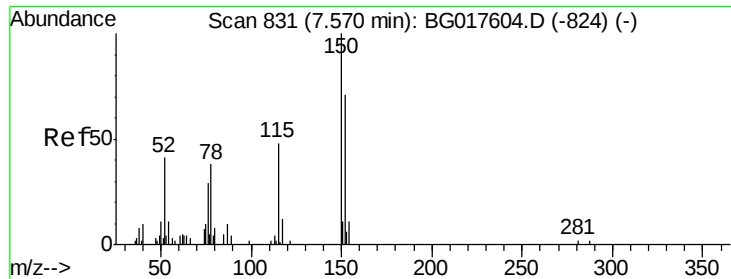
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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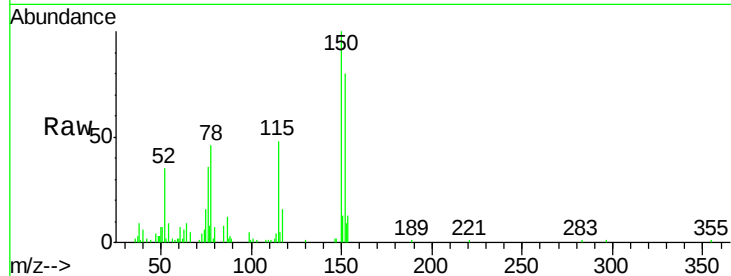


#1

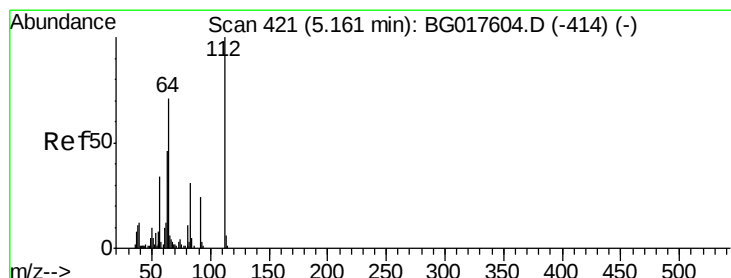
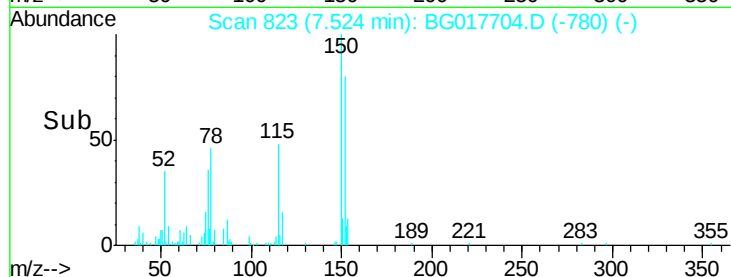
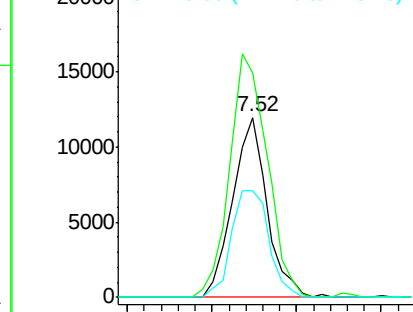
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.52 min Scan# 823
Delta R.T. -0.05 min
Lab File: BG017704.D
Acq: 16 Jun 2015 1:19

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:152 Resp: 16869
Ion Ratio Lower Upper
152 100
150 124.6 112.5 168.7
115 59.6 54.5 81.7



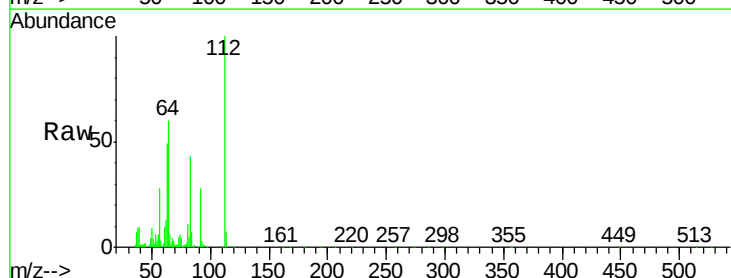
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



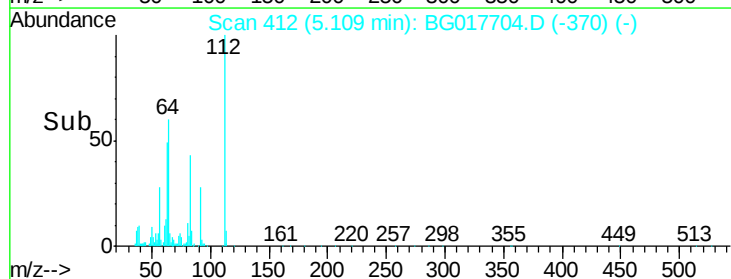
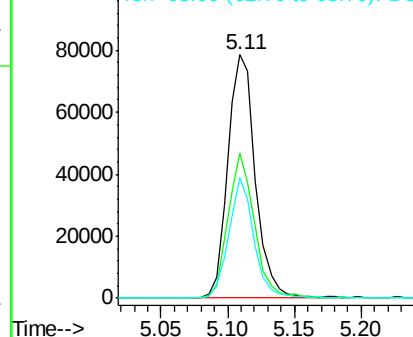
#2

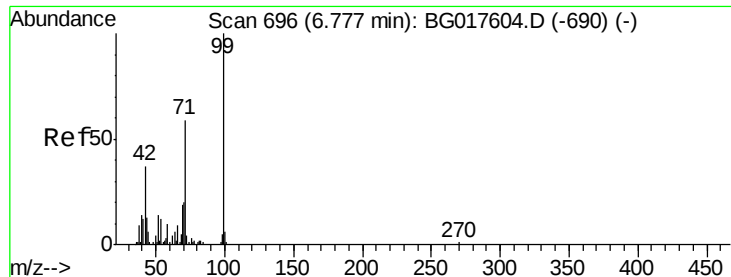
2-Fluorophenol
Concen: 133.82 ng
RT: 5.11 min Scan# 412
Delta R.T. -0.05 min
Lab File: BG017704.D
Acq: 16 Jun 2015 1:19

Tgt Ion:112 Resp: 113919
Ion Ratio Lower Upper
112 100
64 59.6 57.0 85.4
63 49.4 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: 143.99 ng

RT: 6.73 min Scan# 688

Delta R.T. -0.05 min

Lab File: BG017704.D

Acq: 16 Jun 2015 1:19

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

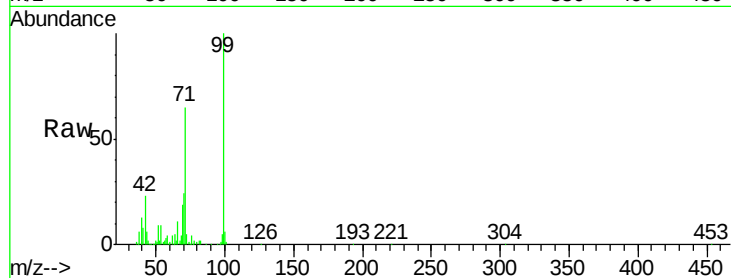
Tgt Ion: 99 Resp: 153398

Ion Ratio Lower Upper

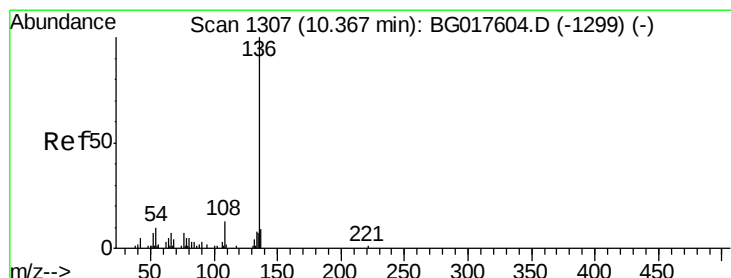
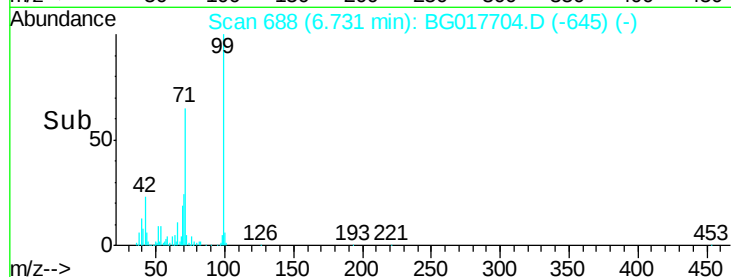
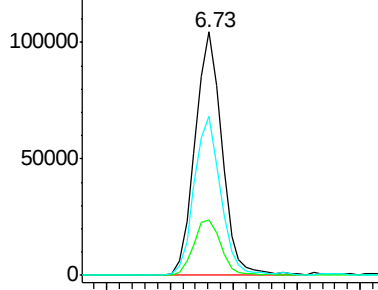
99 100

42 22.6 29.9 44.9#

71 65.1 47.3 70.9



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# 1298

Delta R.T. -0.05 min

Lab File: BG017704.D

Acq: 16 Jun 2015 1:19

Tgt Ion: 136 Resp: 61853

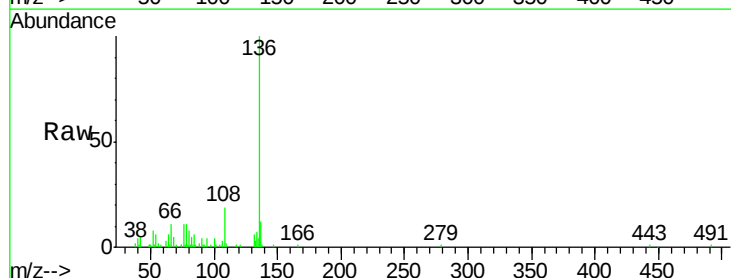
Ion Ratio Lower Upper

136 100

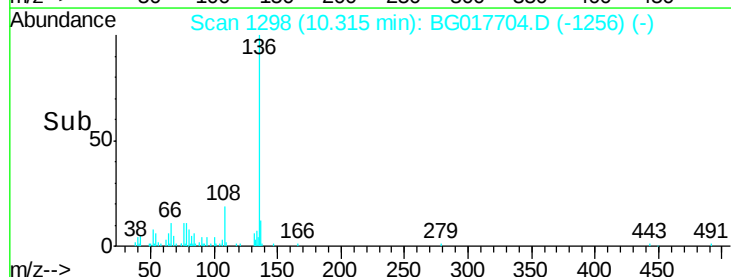
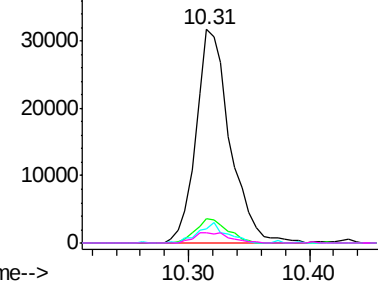
137 11.6 7.2 10.8#

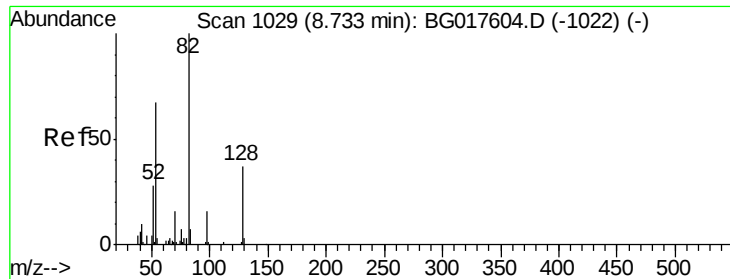
54 6.5 7.6 11.4#

68 5.1 3.0 4.6#



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: 103.09 ng

RT: 8.69 min Scan# 1021

Delta R.T. -0.05 min

Lab File: BG017704.D

Acq: 16 Jun 2015 1:19

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

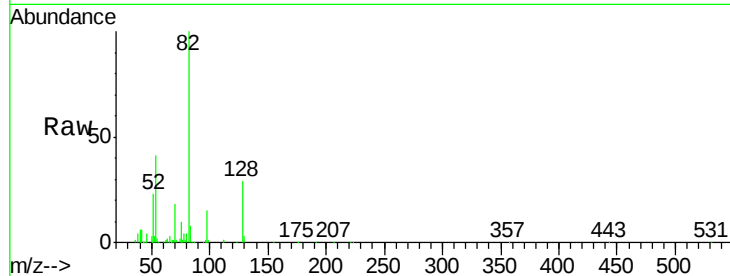
Tgt Ion: 82 Resp: 115984

Ion Ratio Lower Upper

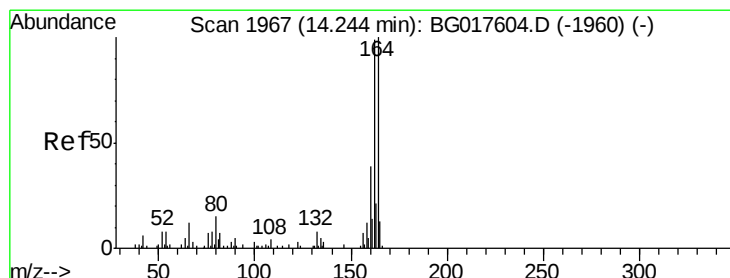
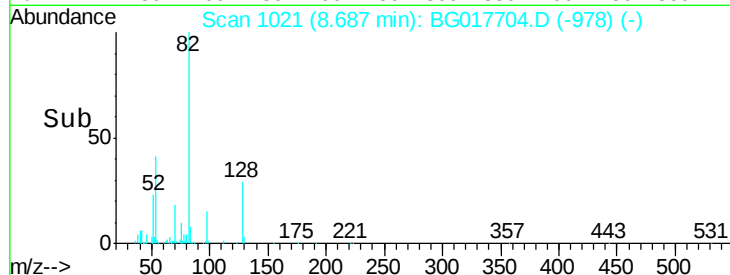
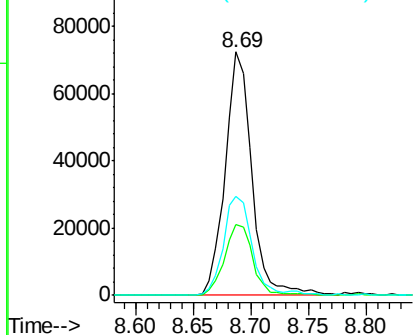
82 100

128 29.1 29.8 44.6#

54 40.9 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



#7

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.20 min Scan# 1960

Delta R.T. -0.04 min

Lab File: BG017704.D

Acq: 16 Jun 2015 1:19

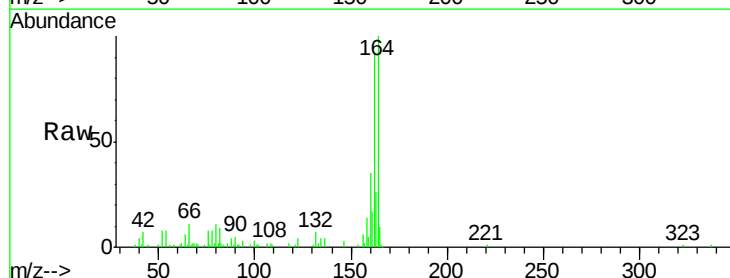
Tgt Ion: 164 Resp: 46947

Ion Ratio Lower Upper

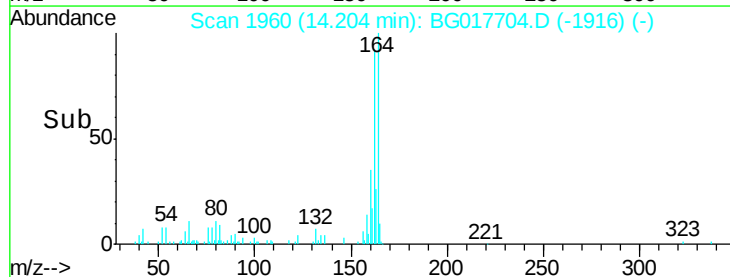
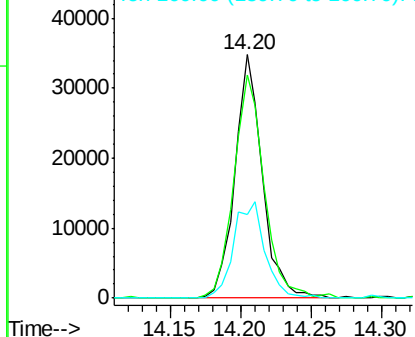
164 100

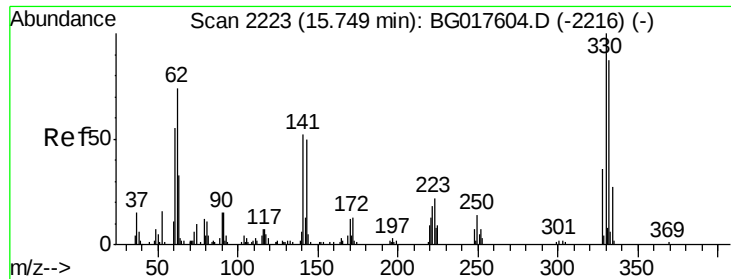
162 91.9 79.0 118.4

160 34.5 31.5 47.3



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC





#8

2,4,6-Tribromophenol

Concen: 184.70 ng

RT: 15.71 min Scan# 2216

Delta R.T. -0.04 min

Lab File: BG017704.D

Acq: 16 Jun 2015 1:19

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

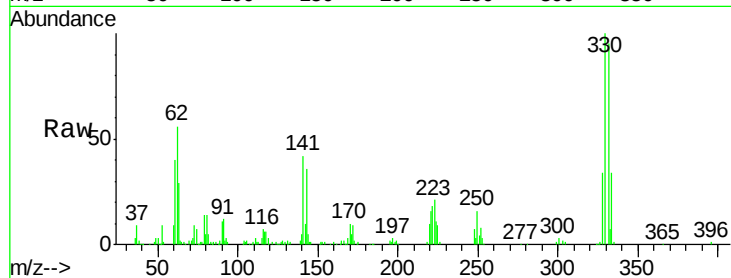
Tgt Ion:330 Resp: 105164

Ion Ratio Lower Upper

330 100

332 95.4 71.3 106.9

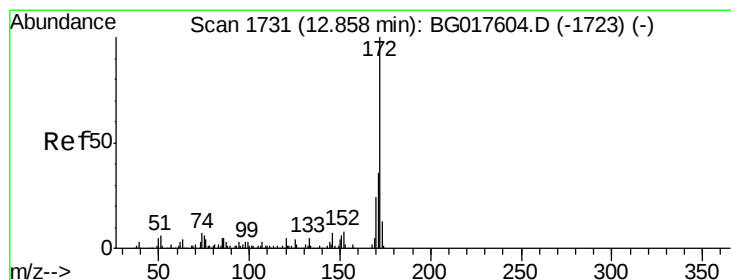
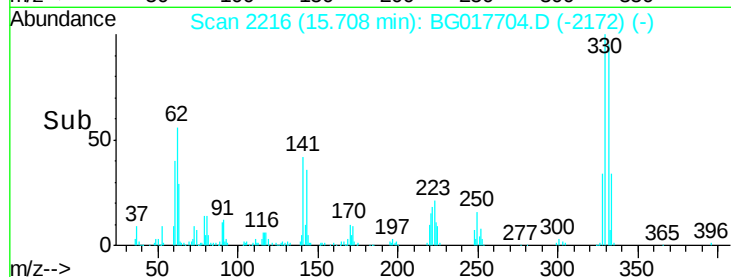
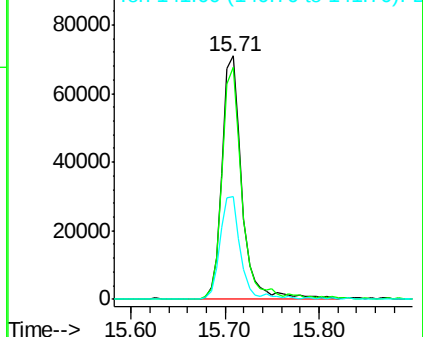
141 41.7 44.8 67.2#



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: 106.83 ng

RT: 12.82 min Scan# 1724

Delta R.T. -0.04 min

Lab File: BG017704.D

Acq: 16 Jun 2015 1:19

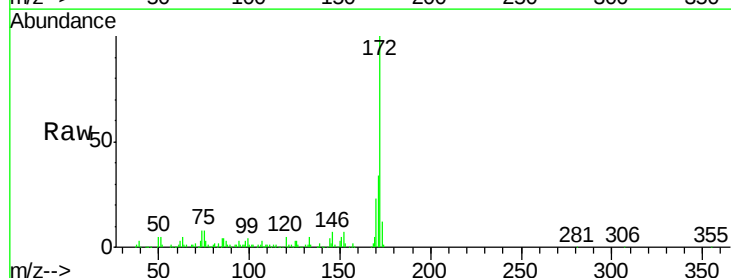
Tgt Ion:172 Resp: 279532

Ion Ratio Lower Upper

172 100

171 34.0 28.7 43.1

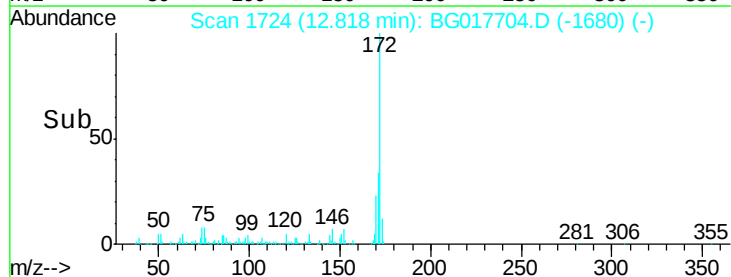
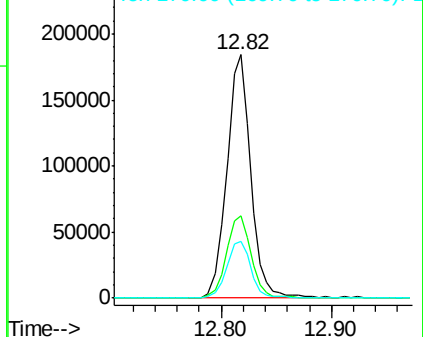
170 23.2 19.4 29.0

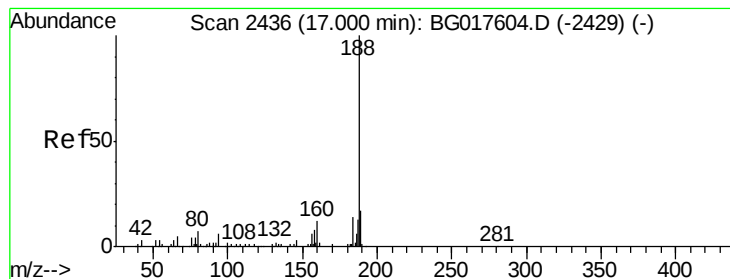


Abundance Ion 172.00 (171.70 to 172.70): E

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: 16.96 min Scan# 2429

Delta R.T. -0.04 min

Lab File: BG017704.D

Acq: 16 Jun 2015 1:19

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

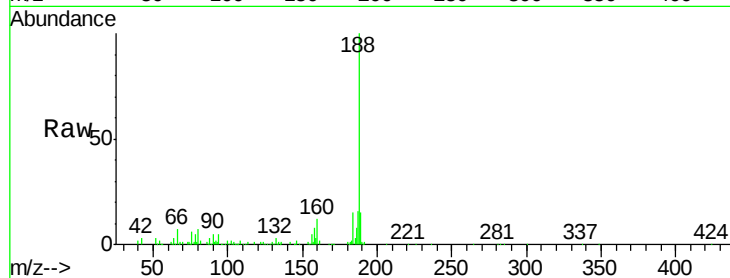
Tgt Ion:188 Resp: 140668

Ion Ratio Lower Upper

188 100

94 5.2 5.0 7.6

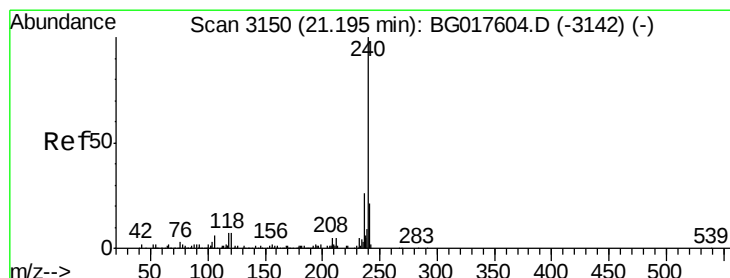
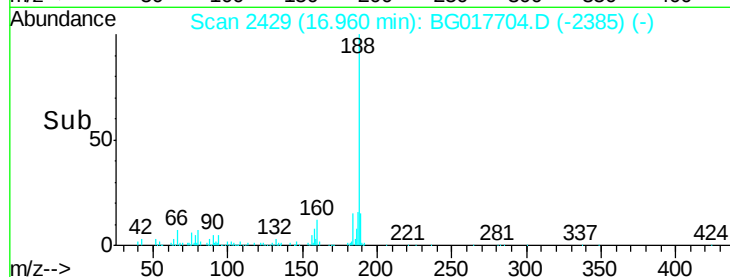
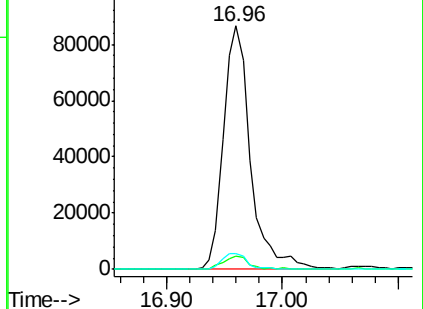
80 6.5 5.3 7.9



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: 21.16 min Scan# 3144

Delta R.T. -0.03 min

Lab File: BG017704.D

Acq: 16 Jun 2015 1:19

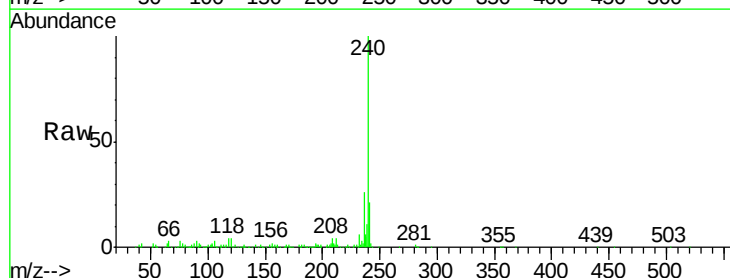
Tgt Ion:240 Resp: 209206

Ion Ratio Lower Upper

240 100

120 3.8 5.4 8.0#

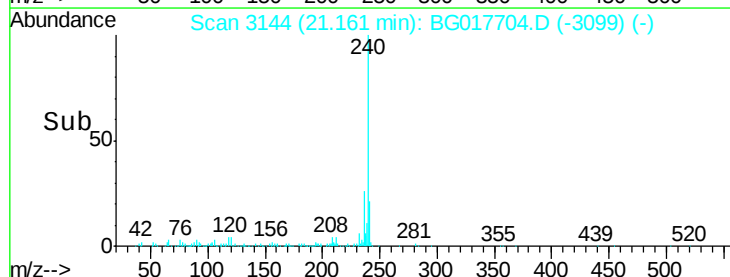
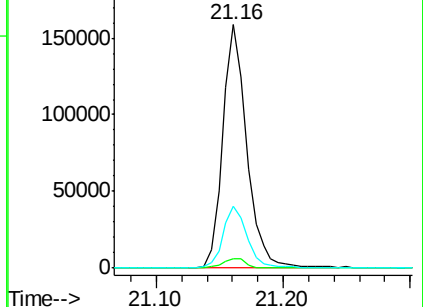
236 25.6 20.6 31.0

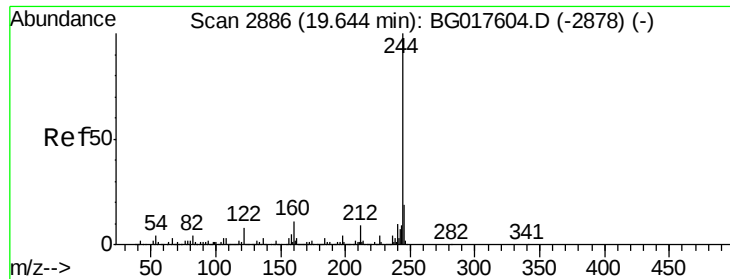


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#12

Terphenyl-d14

Concen: 75.43 ng

RT: 19.60 min Scan# 2879

Delta R.T. -0.04 min

Lab File: BG017704.D

Acq: 16 Jun 2015 1:19

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

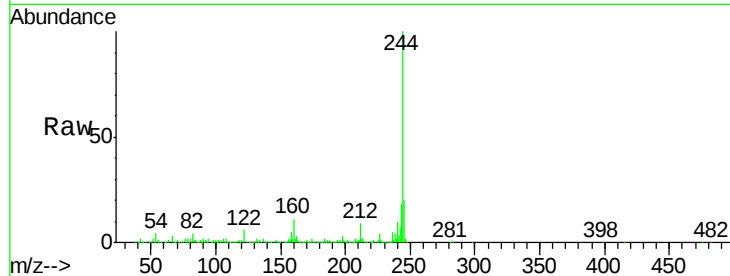
Tgt Ion:244 Resp: 784972

Ion Ratio Lower Upper

244 100

212 8.5 7.0 10.6

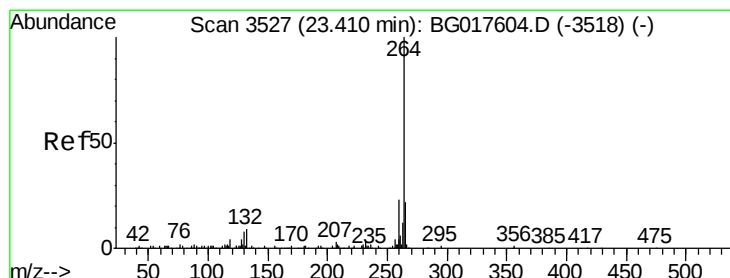
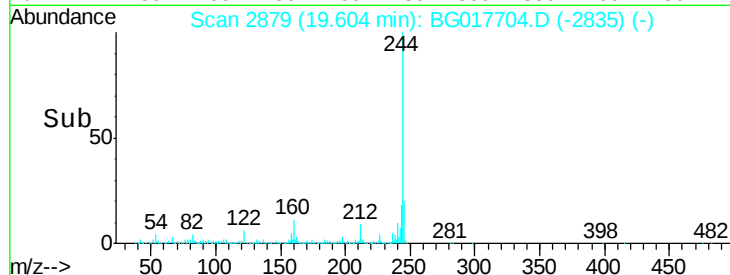
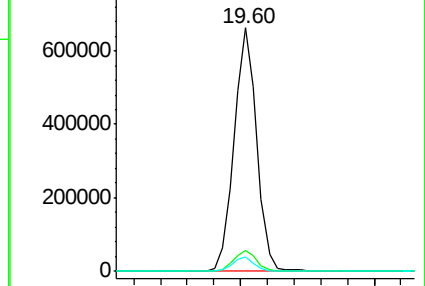
122 5.8 6.0 9.0#



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: 23.36 min Scan# 3518

Delta R.T. -0.05 min

Lab File: BG017704.D

Acq: 16 Jun 2015 1:19

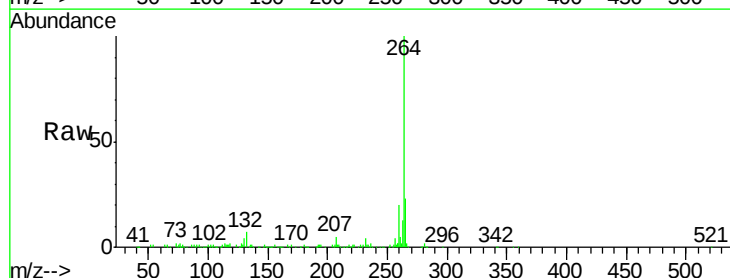
Tgt Ion:264 Resp: 210960

Ion Ratio Lower Upper

264 100

260 20.0 18.6 27.8

265 22.7 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

