

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062215\
 Data File : BG017750.D
 Acq On : 22 Jun 2015 18:03
 Operator : TP/IZ
 Sample : G2653-03
 Misc : LOD-SVOC-SOIL-8PPM
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

Quant Time: Jun 23 12:48:48 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG061815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 19 06:05:07 2015
 Response via : Initial Calibration

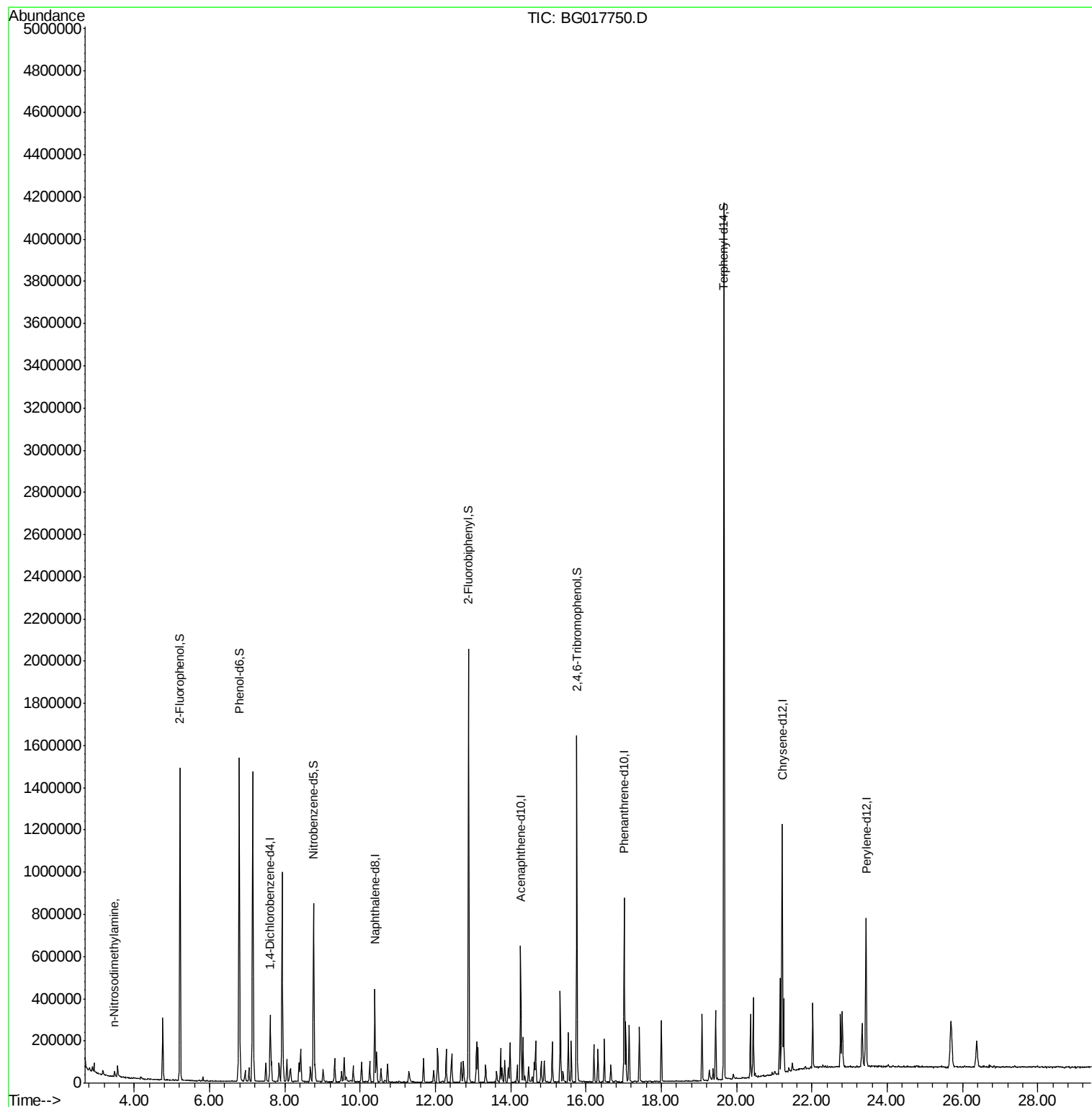
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	73505	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	332594	20.00	ng	-0.01
38) Acenaphthene-d10	14.26	164	199332	20.00	ng	-0.01
63) Phenanthrene-d10	17.01	188	439486	20.00	ng	-0.02
75) Chrysene-d12	21.21	240	477351	20.00	ng	-0.02
86) Perylene-d12	23.44	264	437740	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	541654	129.32	ng	-0.01
7) Phenol-d6	6.79	99	745274	126.59	ng	-0.01
23) Nitrobenzene-d5	8.76	82	454839	78.66	ng	-0.01
41) 2,4,6-Tribromophenol	15.76	330	209137	113.15	ng	-0.01
44) 2-Fluorobiphenyl	12.88	172	912684	74.36	ng	-0.02
78) Terphenyl-d14	19.66	244	1489707	70.91	ng	-0.02
Target Compounds						
4) n-Nitrosodimethylamine	3.48	42	13197	5.72	ng	Qvalue # 90

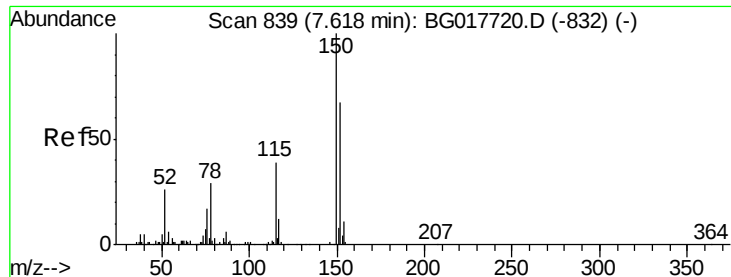
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 19 06:05:07 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.61 min Scan# 838

Delta R.T. -0.01 min

Lab File: BG017750.D

Acq: 22 Jun 2015 18:03

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

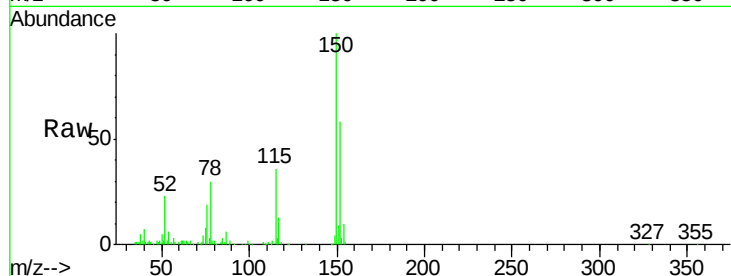
Tgt Ion:152 Resp: 73505

Ion Ratio Lower Upper

152 100

150 171.2 119.1 178.7

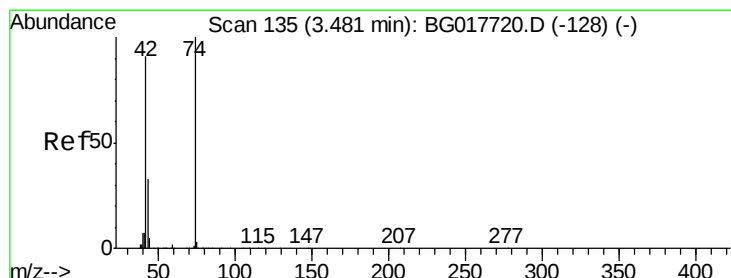
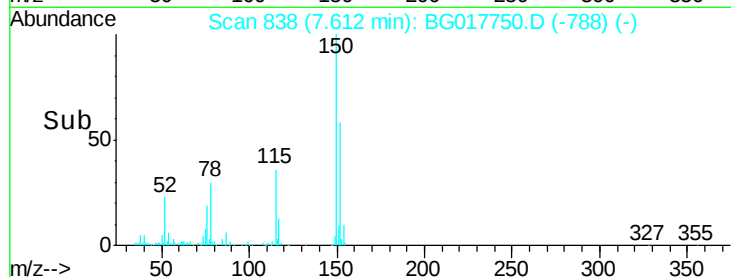
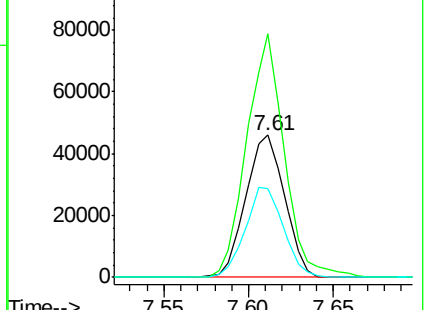
115 62.0 47.0 70.4



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



#4

n-Nitrosodimethylamine

Concen: 5.72 ng

RT: 3.48 min Scan# 134

Delta R.T. -0.01 min

Lab File: BG017750.D

Acq: 22 Jun 2015 18:03

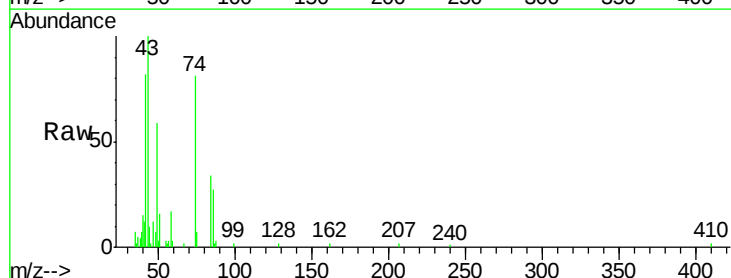
Tgt Ion: 42 Resp: 13197

Ion Ratio Lower Upper

42 100

74 98.9 87.4 131.2

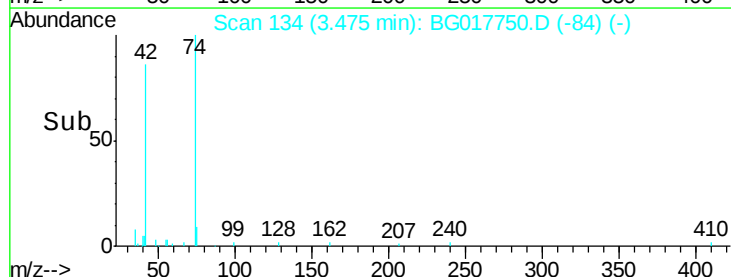
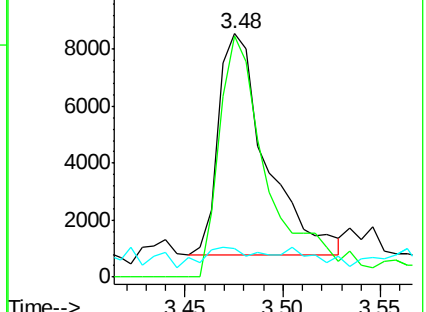
44 11.9 6.4 9.6#

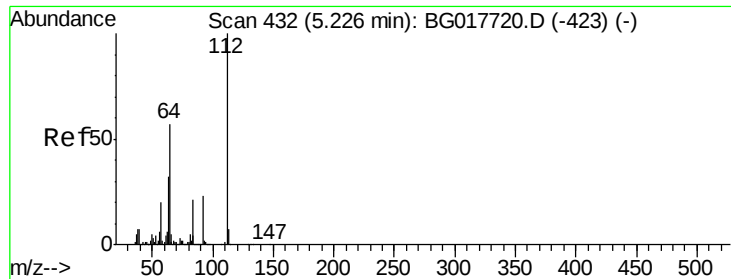


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 129.32 ng

RT: 5.21 min Scan# 430

Delta R.T. -0.01 min

Lab File: BG017750.D

Acq: 22 Jun 2015 18:03

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

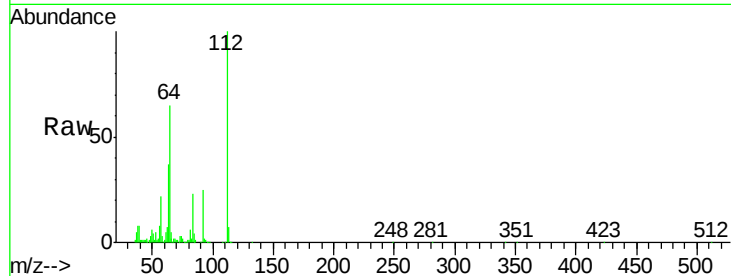
Tgt Ion: 112 Resp: 541654

Ion Ratio Lower Upper

112 100

64 65.4 45.4 68.0

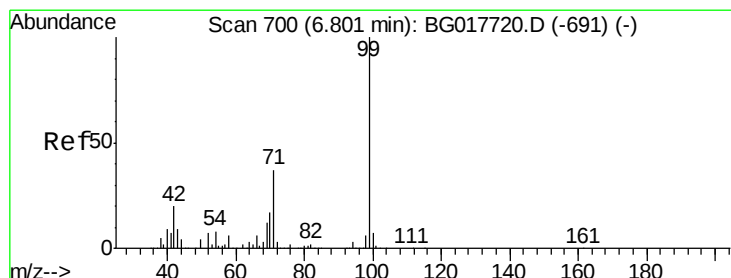
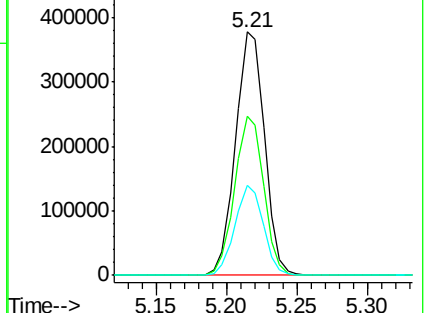
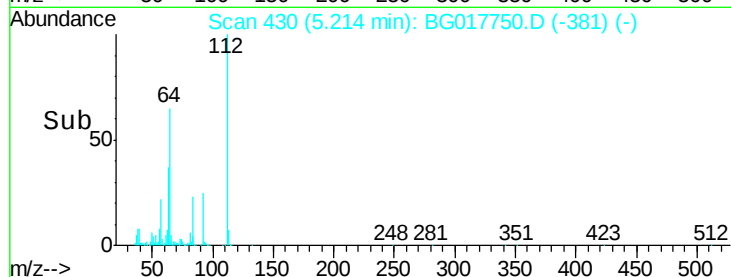
63 37.0 25.3 37.9



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 126.59 ng

RT: 6.79 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG017750.D

Acq: 22 Jun 2015 18:03

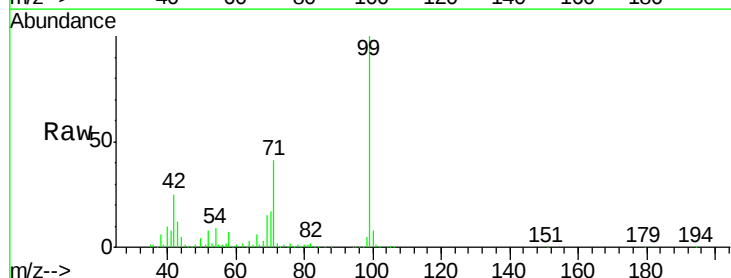
Tgt Ion: 99 Resp: 745274

Ion Ratio Lower Upper

99 100

42 24.6 16.2 24.4#

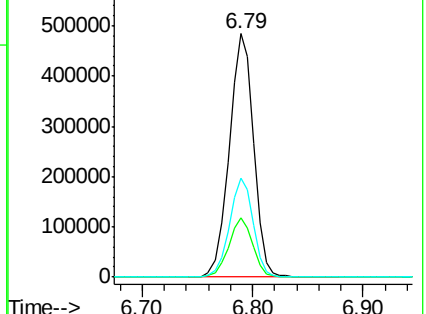
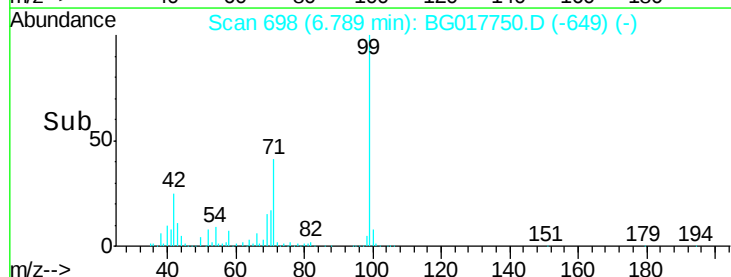
71 40.6 29.5 44.3

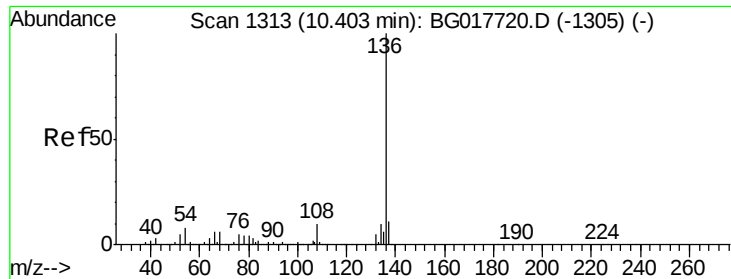


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC

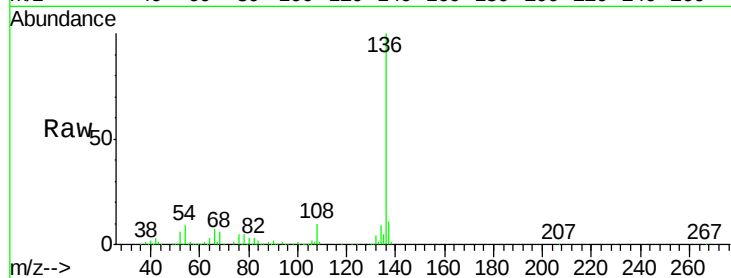




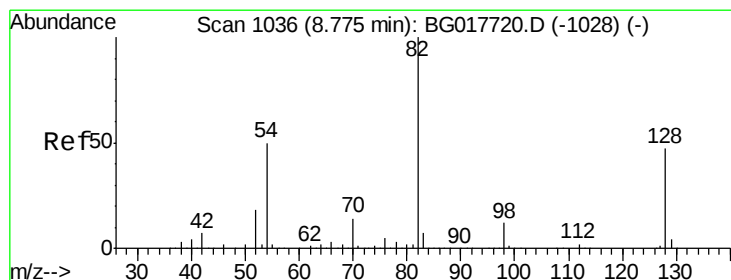
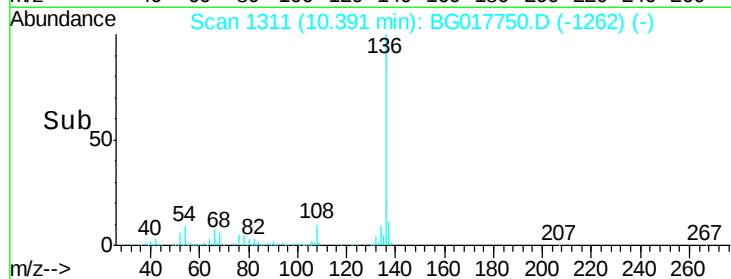
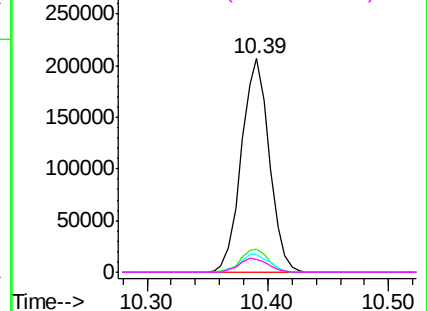
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.39 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BG017750.D
Acq: 22 Jun 2015 18:03

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:	136	Resp:	332594
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	8.6	6.6	9.8
68	5.7	5.1	7.7

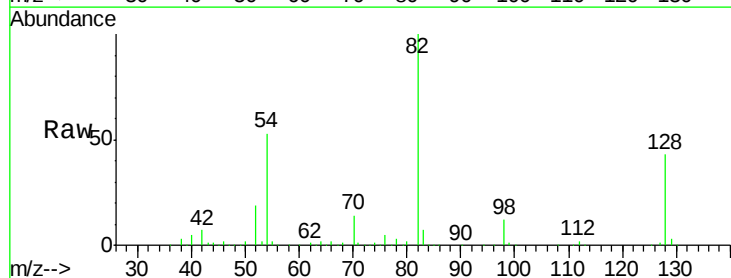


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

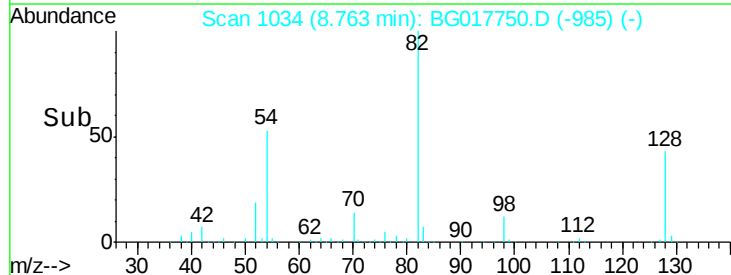
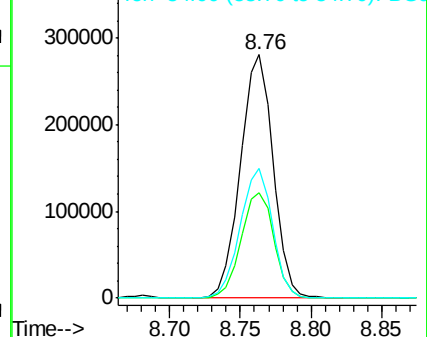


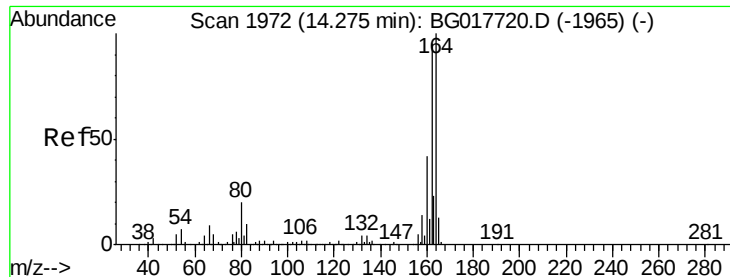
#23
Nitrobenzene-d5
Concen: 78.66 ng
RT: 8.76 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG017750.D
Acq: 22 Jun 2015 18:03

Tgt Ion:	82	Resp:	454839
Ion	Ratio	Lower	Upper
82	100		
128	43.4	37.8	56.6
54	53.3	39.9	59.9



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.26 min Scan# 1970

Delta R.T. -0.01 min

Lab File: BG017750.D

Acq: 22 Jun 2015 18:03

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

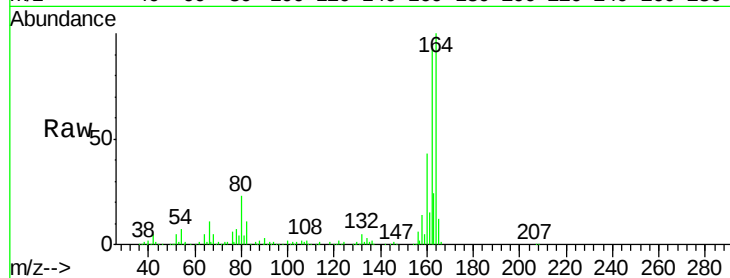
Tgt Ion:164 Resp: 199332

Ion Ratio Lower Upper

164 100

162 94.3 76.3 114.5

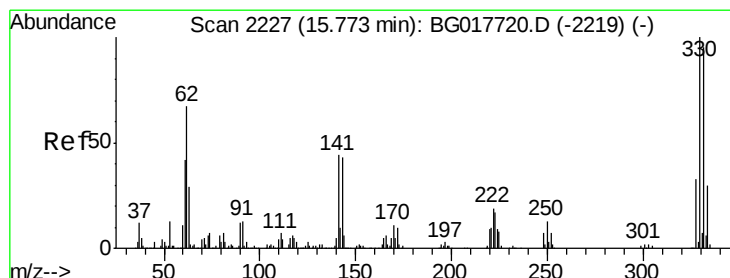
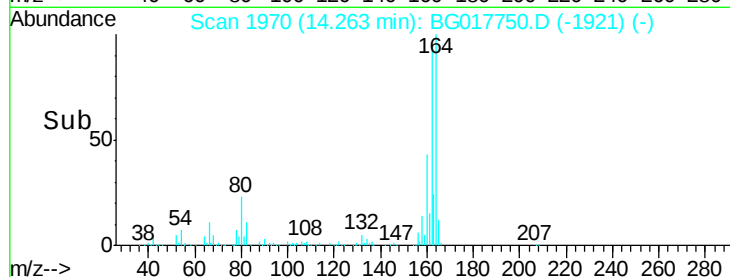
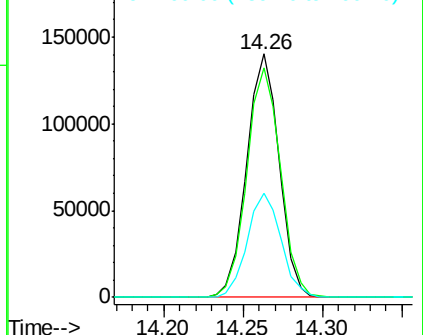
160 42.6 33.7 50.5



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



#41

2,4,6-Tribromophenol

Concen: 113.15 ng

RT: 15.76 min Scan# 2225

Delta R.T. -0.01 min

Lab File: BG017750.D

Acq: 22 Jun 2015 18:03

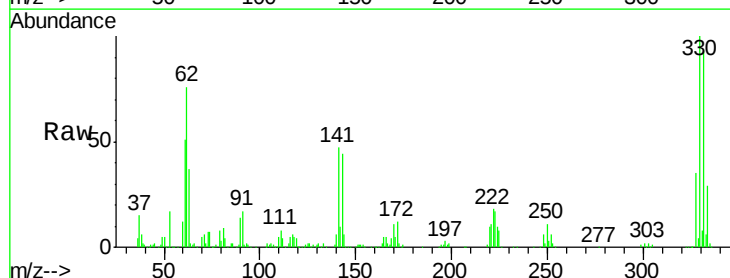
Tgt Ion:330 Resp: 209137

Ion Ratio Lower Upper

330 100

332 94.9 76.8 115.2

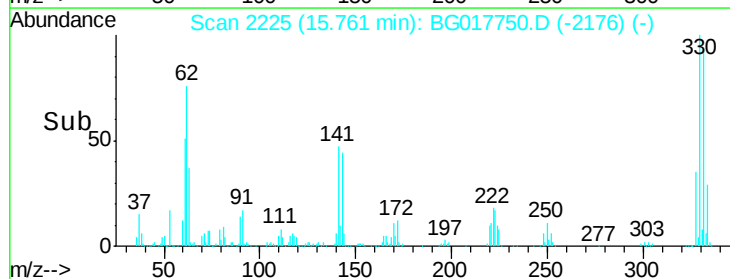
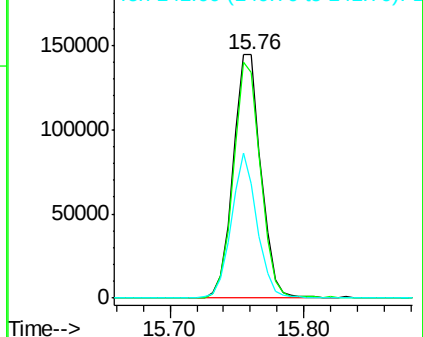
141 54.9 38.0 57.0

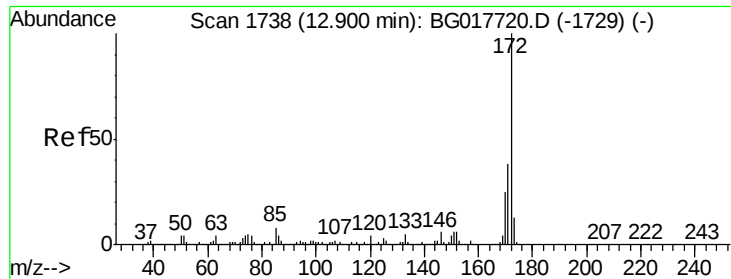


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

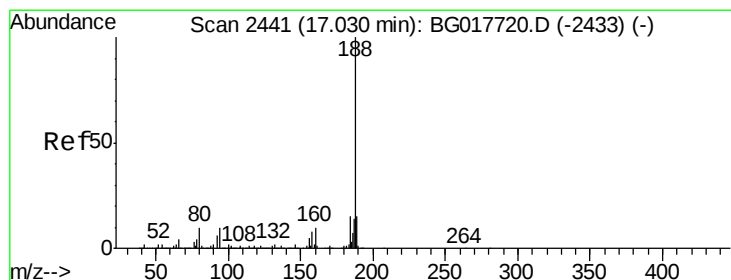
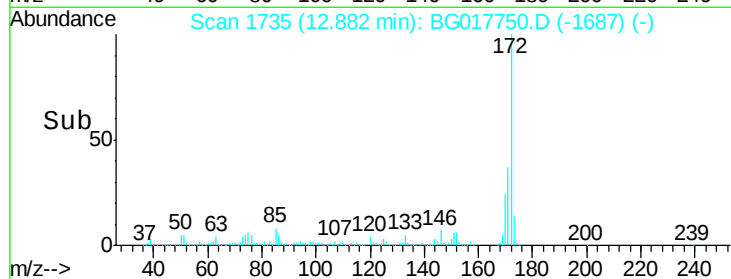
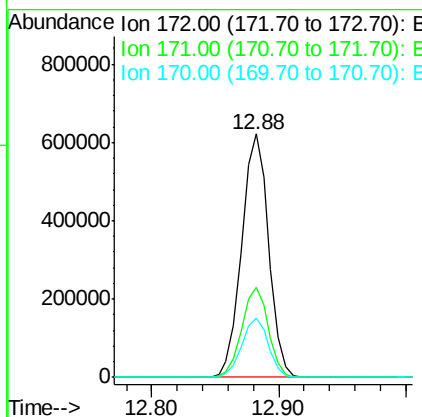
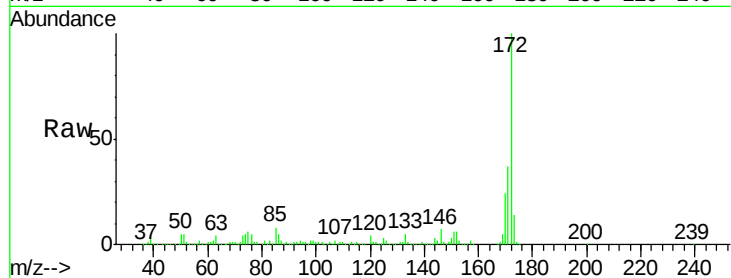




#44
 2-Fluorobiphenyl
 Concen: 74.36 ng
 RT: 12.88 min Scan# 1735
 Delta R.T. -0.02 min
 Lab File: BG017750.D
 Acq: 22 Jun 2015 18:03

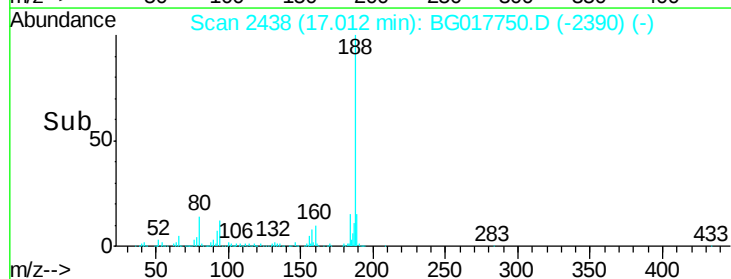
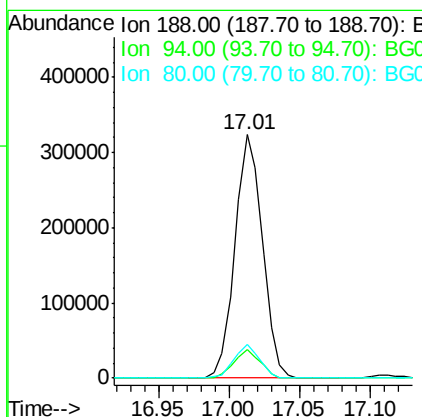
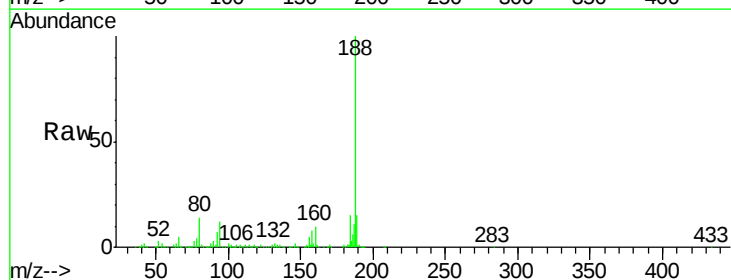
Instrument :
 BNA_G
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 LOD-SOIL2015-01

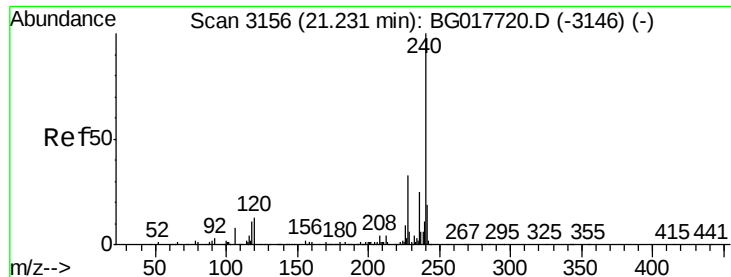
Tgt Ion:172 Resp: 912684
 Ion Ratio Lower Upper
 172 100
 171 37.2 30.7 46.1
 170 24.4 19.7 29.5



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.01 min Scan# 2438
 Delta R.T. -0.02 min
 Lab File: BG017750.D
 Acq: 22 Jun 2015 18:03

Tgt Ion:188 Resp: 439486
 Ion Ratio Lower Upper
 188 100
 94 11.7 8.2 12.2
 80 13.7 8.2 12.4#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.21 min Scan# 3153

Delta R.T. -0.02 min

Lab File: BG017750.D

Acq: 22 Jun 2015 18:03

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

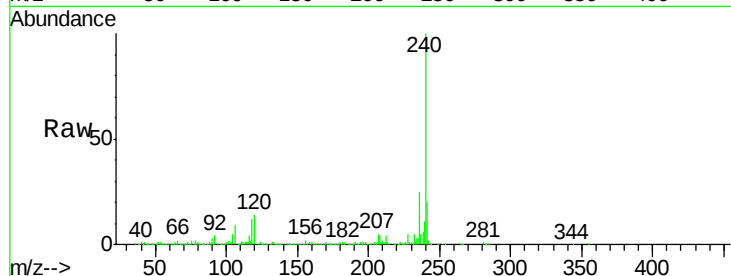
Tgt Ion:240 Resp: 477351

Ion Ratio Lower Upper

240 100

120 14.3 10.8 16.2

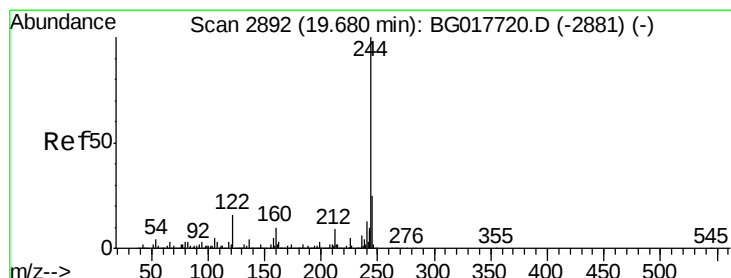
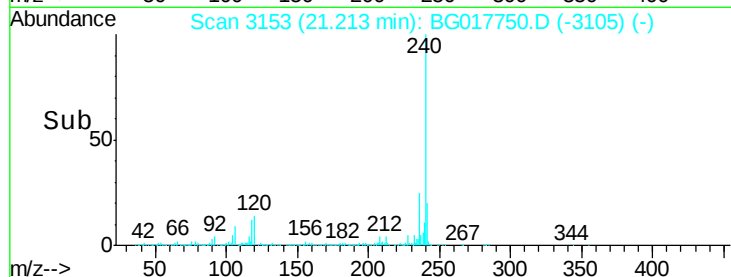
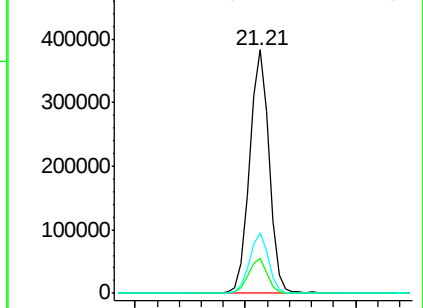
236 24.7 20.0 30.0



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



#78

Terphenyl-d14

Concen: 70.91 ng

RT: 19.66 min Scan# 2889

Delta R.T. -0.02 min

Lab File: BG017750.D

Acq: 22 Jun 2015 18:03

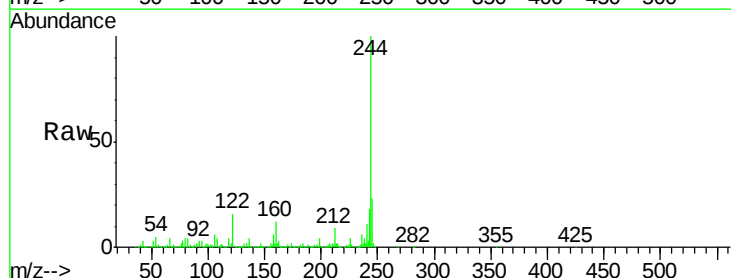
Tgt Ion:244 Resp: 1489707

Ion Ratio Lower Upper

244 100

212 9.3 7.2 10.8

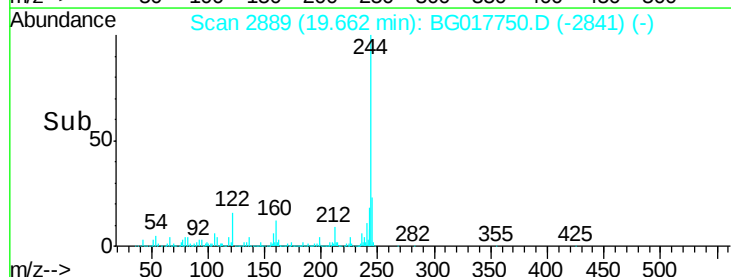
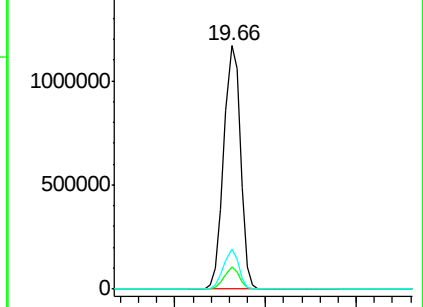
122 16.5 12.8 19.2

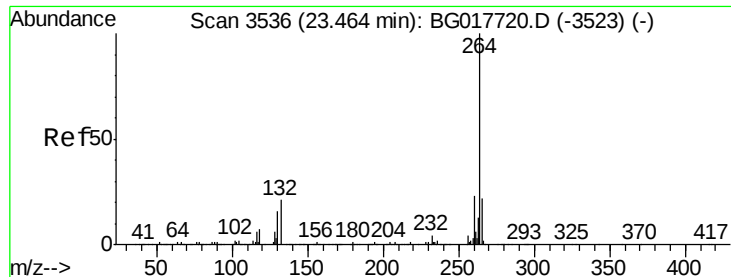


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Perylene-d12

Concen: 20.00 ng

RT: 23.44 min Scan# 3532

Delta R.T. -0.02 min

Lab File: BG017750.D

Acq: 22 Jun 2015 18:03

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

Tgt Ion: 264 Resp: 437740

Ion Ratio Lower Upper

264 100

260 23.4 18.6 27.8

265 22.6 18.2 27.2

