

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062215\
 Data File : BG017748.D
 Acq On : 22 Jun 2015 16:52
 Operator : TP/IZ
 Sample : G2653-03
 Misc : LOD-SVOC-SOIL-2PPM
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

Quant Time: Jun 23 02:14:44 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

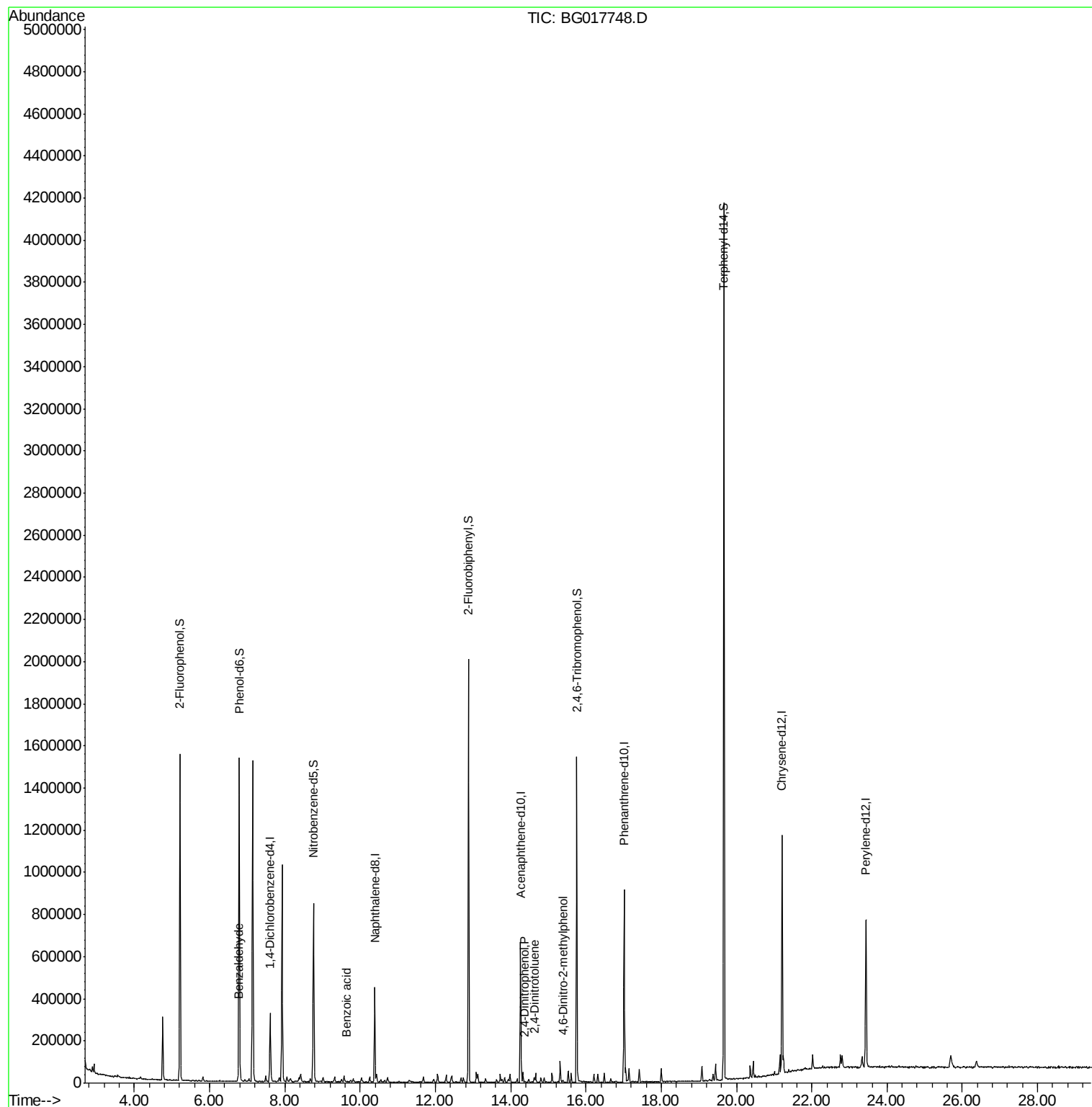
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	78961	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	340690	20.00	ng	0.00
38) Acenaphthene-d10	14.27	164	200860	20.00	ng	0.00
63) Phenanthrene-d10	17.01	188	456029	20.00	ng	-0.02
75) Chrysene-d12	21.22	240	485621	20.00	ng	-0.02
86) Perylene-d12	23.44	264	452611	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	562742	125.07	ng	0.00
7) Phenol-d6	6.79	99	763154	120.67	ng	0.00
23) Nitrobenzene-d5	8.76	82	467301	78.90	ng	-0.02
41) 2,4,6-Tribromophenol	15.76	330	204023	109.54	ng	-0.02
44) 2-Fluorobiphenyl	12.88	172	936132	75.69	ng	-0.02
78) Terphenyl-d14	19.66	244	1504279	70.39	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.76	77	9135	2.49	ng	# 63
32) Benzoic acid	9.65	122	392	7.88	ng	# 53
53) 2,4-Dinitrophenol	14.37	184	750	7.65	ng	# 67
56) 2,4-Dinitrotoluene	14.63	165	5120	3.98	ng	# 94
64) 4,6-Dinitro-2-methylphenol	15.39	198	1668	7.76	ng	86

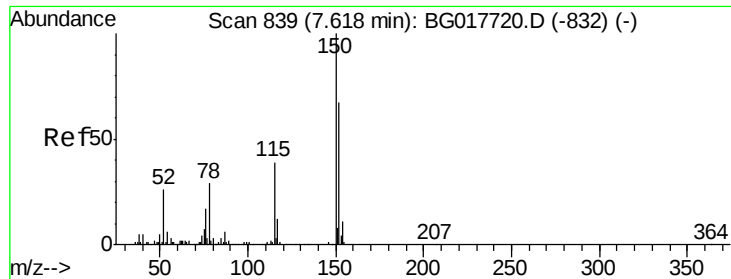
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062215\
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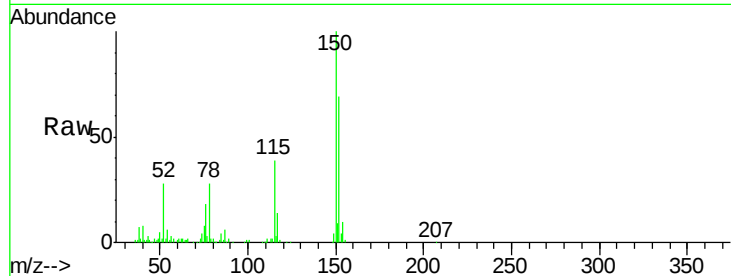


#1

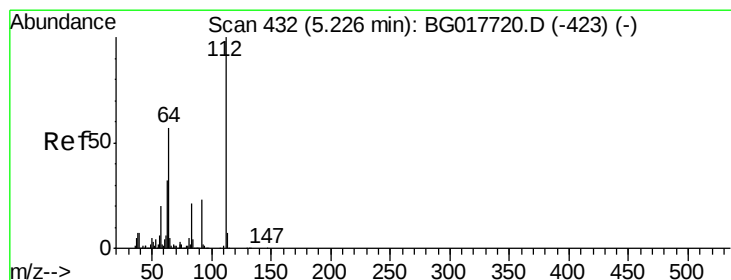
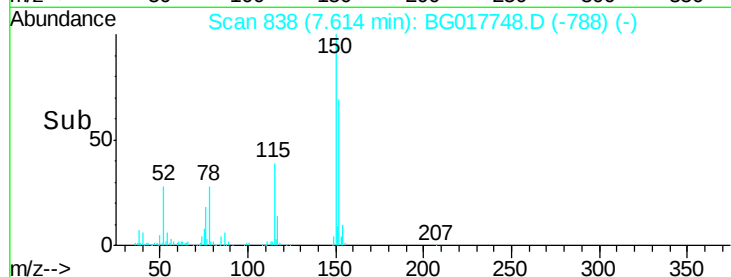
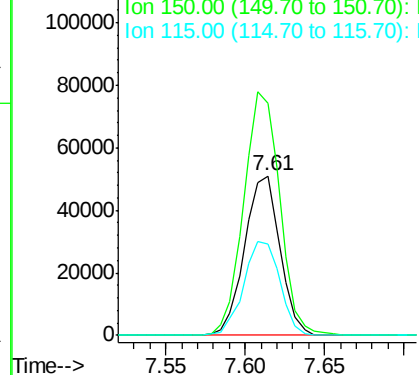
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.61 min Scan# 838
Delta R.T. -0.00 min
Lab File: BG017748.D
Acq: 22 Jun 2015 16:52

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:152 Resp: 78961
Ion Ratio Lower Upper
152 100
150 145.2 119.1 178.7
115 57.0 47.0 70.4



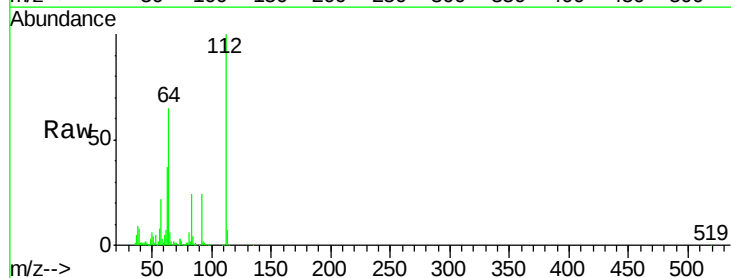
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



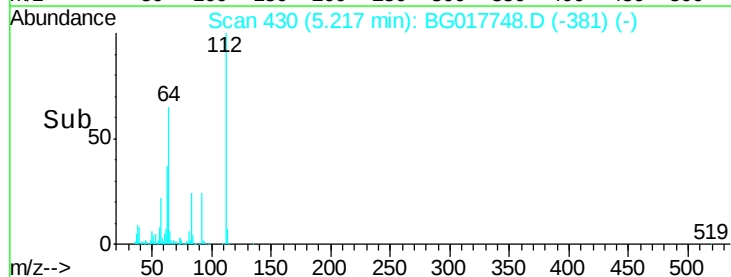
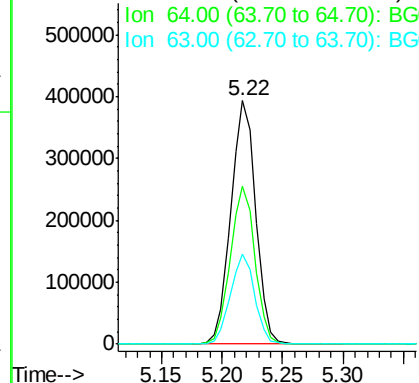
#5

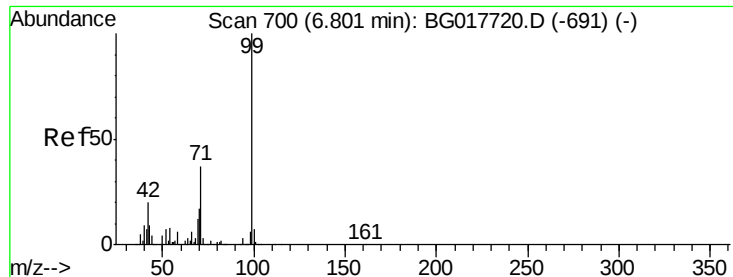
2-Fluorophenol
Concen: 125.07 ng
RT: 5.22 min Scan# 430
Delta R.T. -0.01 min
Lab File: BG017748.D
Acq: 22 Jun 2015 16:52

Tgt Ion:112 Resp: 562742
Ion Ratio Lower Upper
112 100
64 64.8 45.4 68.0
63 36.8 25.3 37.9



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





#7

Phenol-d6

Concen: 120.67 ng

RT: 6.79 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG017748.D

Acq: 22 Jun 2015 16:52

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

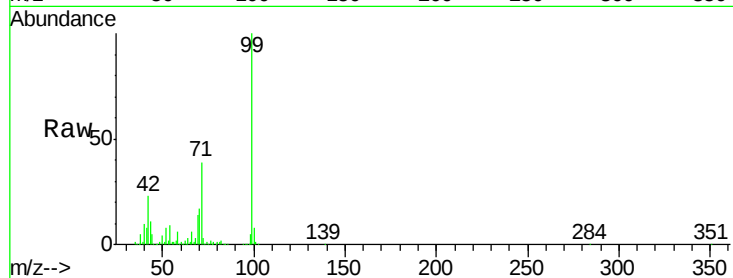
Tgt Ion: 99 Resp: 763154

Ion Ratio Lower Upper

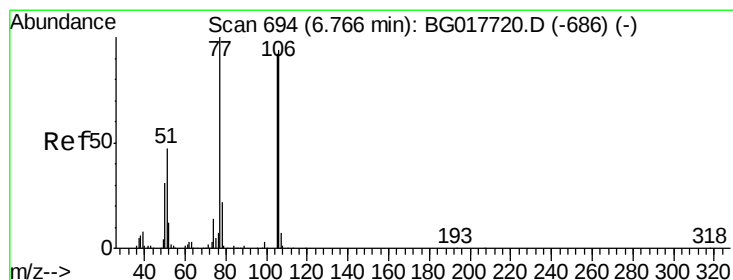
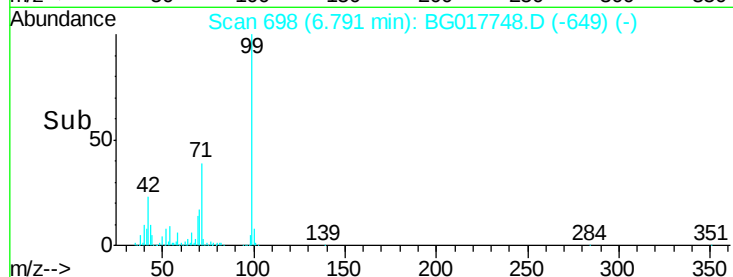
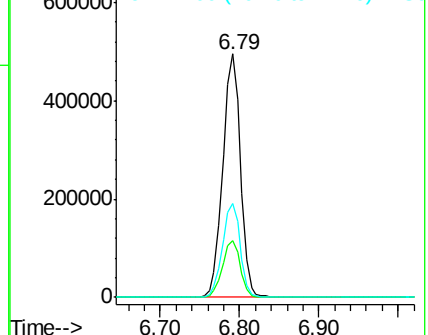
99 100

42 23.3 16.2 24.4

71 38.8 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



#9

Benzaldehyde

Concen: 2.49 ng

RT: 6.76 min Scan# 693

Delta R.T. -0.00 min

Lab File: BG017748.D

Acq: 22 Jun 2015 16:52

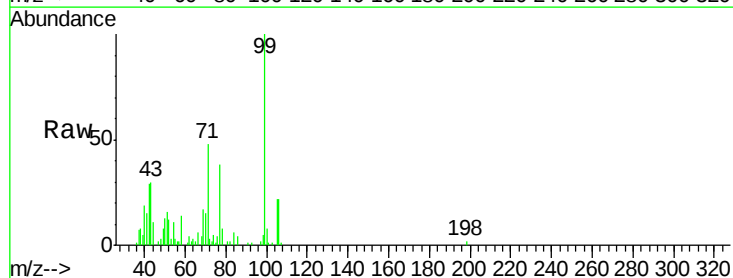
Tgt Ion: 77 Resp: 9135

Ion Ratio Lower Upper

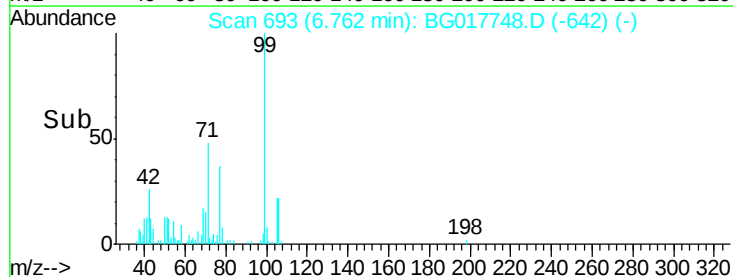
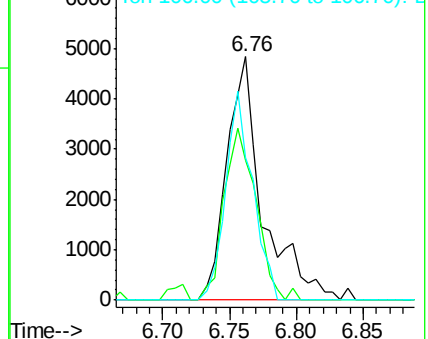
77 100

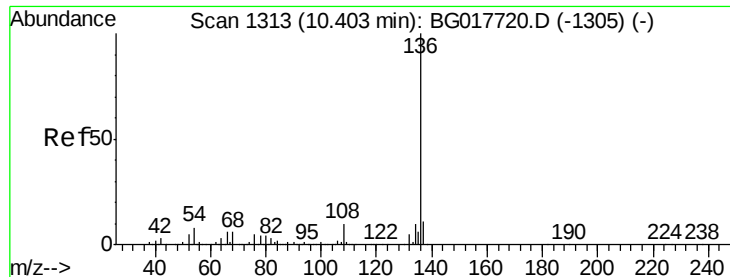
105 57.4 71.8 111.8#

106 58.4 74.5 114.5#



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC

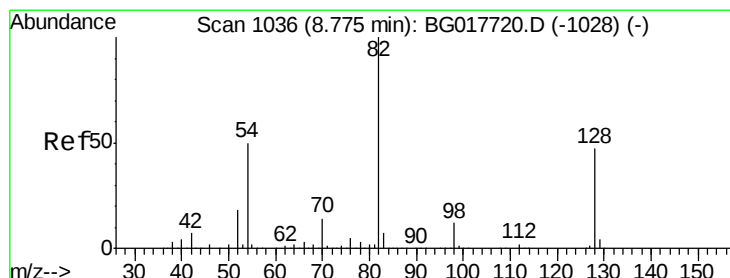
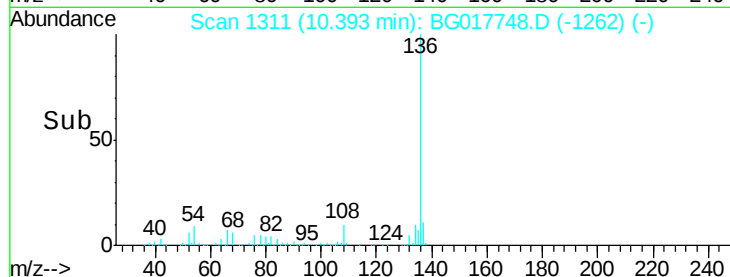
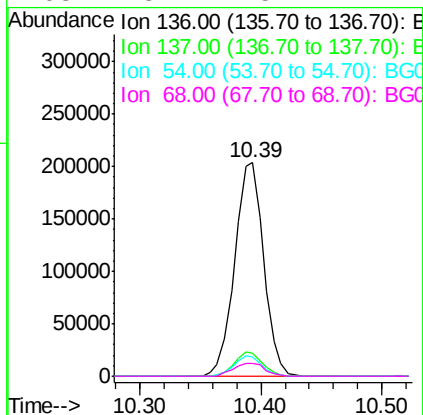
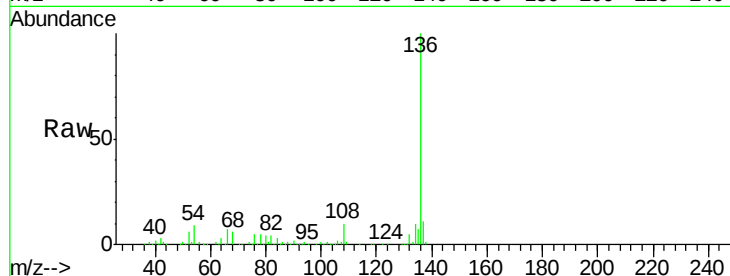




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.39 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BG017748.D
Acq: 22 Jun 2015 16:52

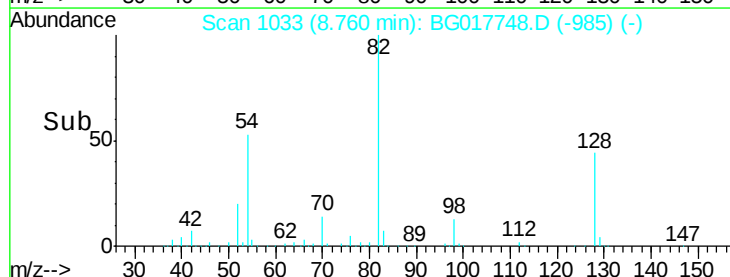
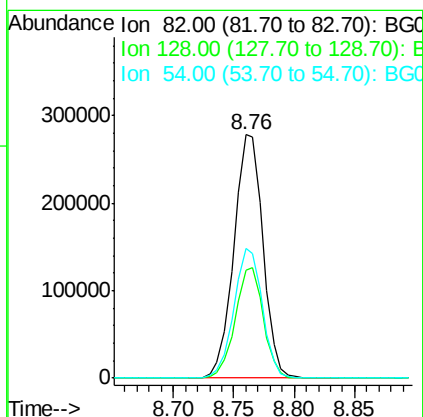
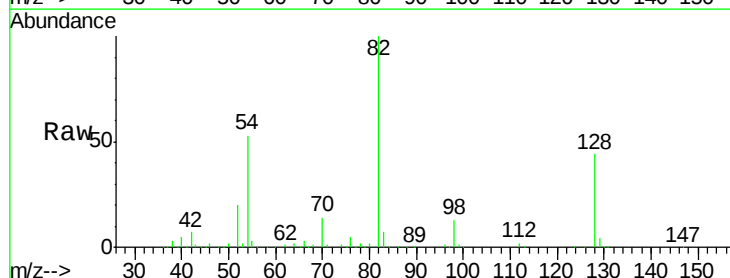
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

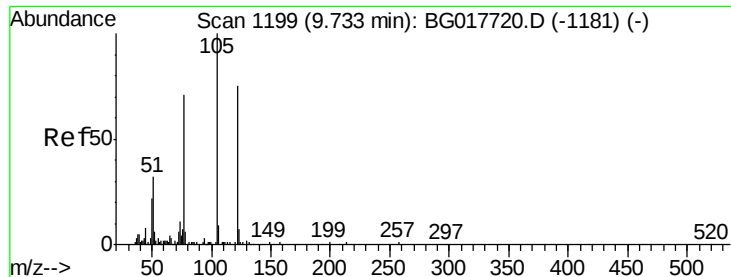
Tgt Ion:	136	Resp:	340690
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	9.1	6.6	9.8
68	5.7	5.1	7.7



#23
Nitrobenzene-d5
Concen: 78.90 ng
RT: 8.76 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BG017748.D
Acq: 22 Jun 2015 16:52

Tgt Ion:	82	Resp:	467301
Ion	Ratio	Lower	Upper
82	100		
128	44.2	37.8	56.6
54	53.4	39.9	59.9

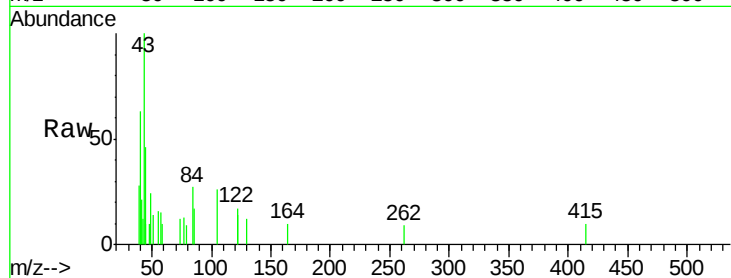




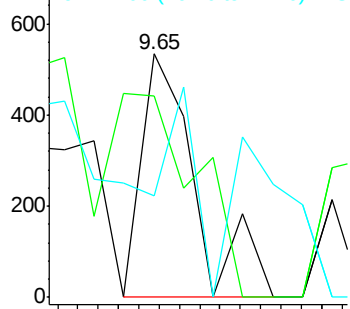
#32
Benzoic acid
Concen: 7.88 ng
RT: 9.65 min Scan# 1184
Delta R.T. -0.09 min
Lab File: BG017748.D
Acq: 22 Jun 2015 16:52

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

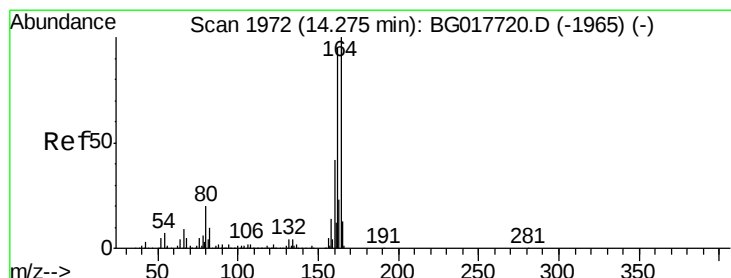
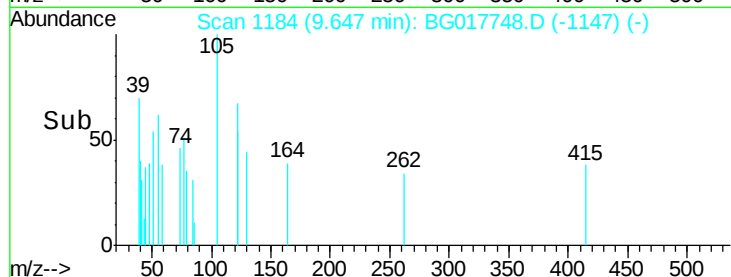
Tgt Ion:122 Resp: 392
Ion Ratio Lower Upper
122 100
105 83.0 111.3 151.3#
77 41.9 75.2 115.2#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): B

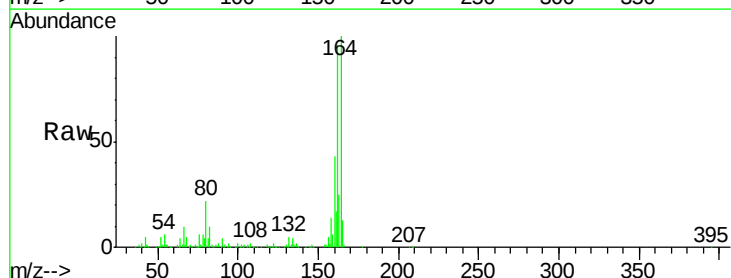


Time-->

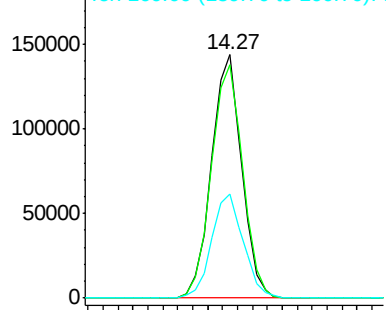


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.27 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG017748.D
Acq: 22 Jun 2015 16:52

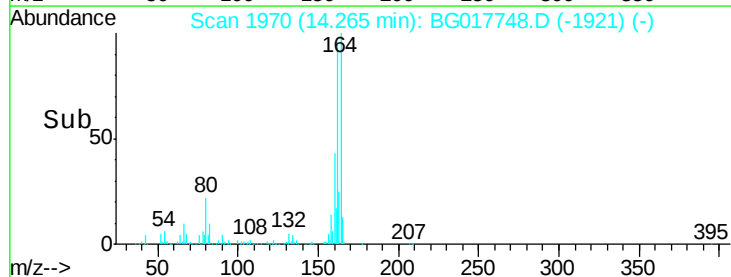
Tgt Ion:164 Resp: 200860
Ion Ratio Lower Upper
164 100
162 96.0 76.3 114.5
160 42.8 33.7 50.5

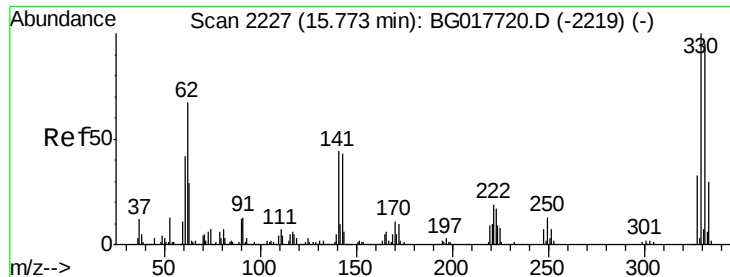


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



Time-->

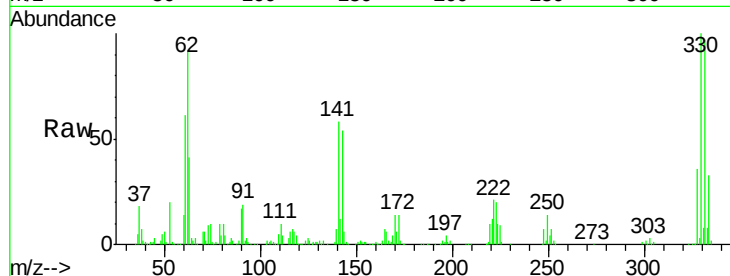




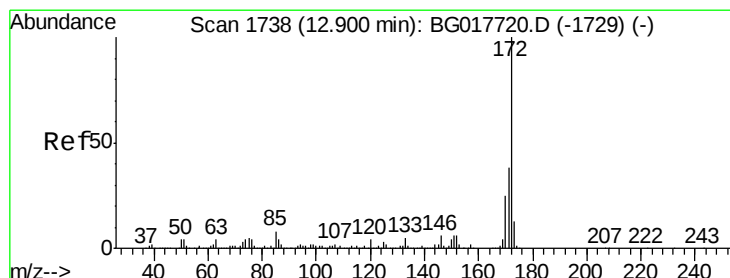
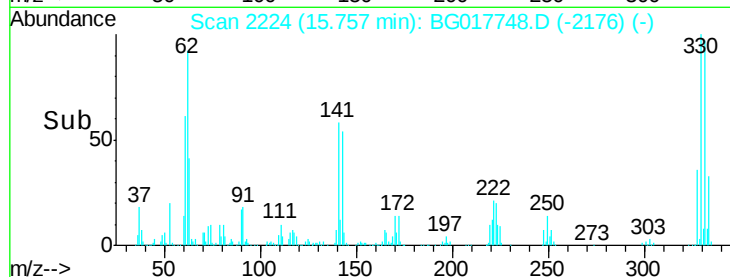
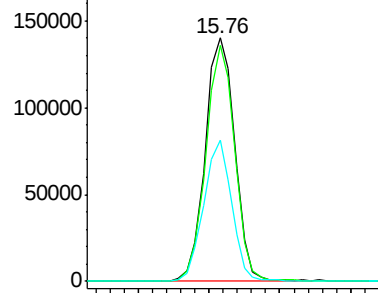
#41
 2,4,6-Tribromophenol
 Concen: 109.54 ng
 RT: 15.76 min Scan# 2224
 Delta R.T. -0.02 min
 Lab File: BG017748.D
 Acq: 22 Jun 2015 16:52

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

Tgt Ion:330 Resp: 204023
 Ion Ratio Lower Upper
 330 100
 332 95.2 76.8 115.2
 141 55.1 38.0 57.0

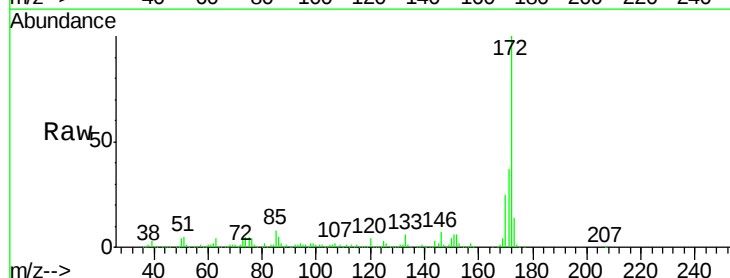


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

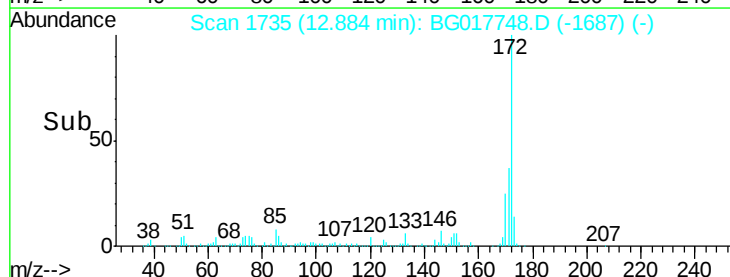
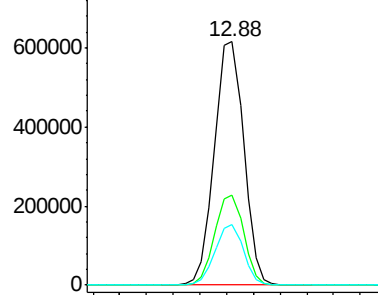


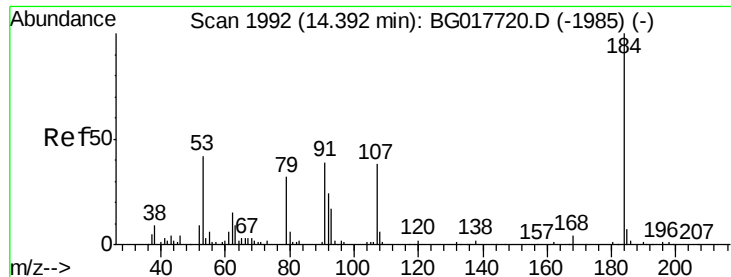
#44
 2-Fluorobiphenyl
 Concen: 75.69 ng
 RT: 12.88 min Scan# 1735
 Delta R.T. -0.02 min
 Lab File: BG017748.D
 Acq: 22 Jun 2015 16:52

Tgt Ion:172 Resp: 936132
 Ion Ratio Lower Upper
 172 100
 171 36.8 30.7 46.1
 170 24.8 19.7 29.5



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





#53

2,4-Dinitrophenol

Concen: 7.65 ng

RT: 14.37 min Scan# 1988

Delta R.T. -0.02 min

Lab File: BG017748.D

Acq: 22 Jun 2015 16:52

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

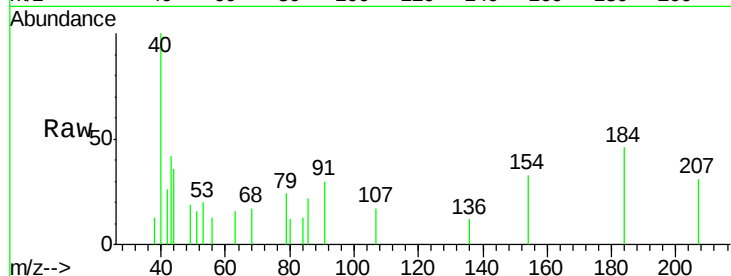
Tgt Ion:184 Resp: 750

Ion Ratio Lower Upper

184 100

63 35.4 47.8 71.6#

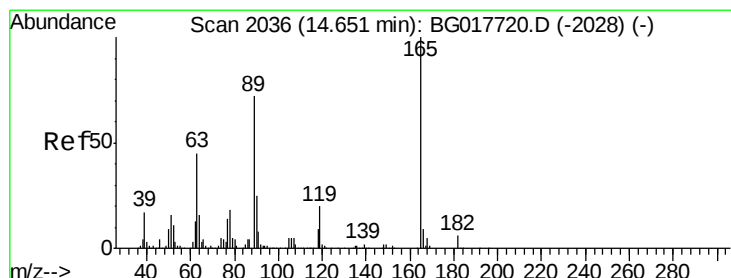
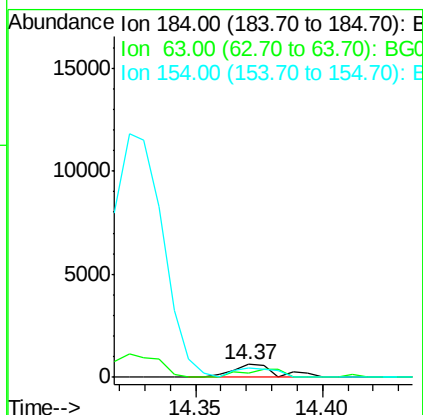
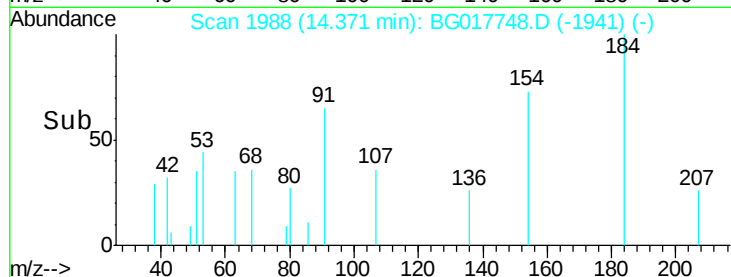
154 72.7 39.3 58.9#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E



#56

2,4-Dinitrotoluene

Concen: 3.98 ng

RT: 14.63 min Scan# 2032

Delta R.T. -0.02 min

Lab File: BG017748.D

Acq: 22 Jun 2015 16:52

Tgt Ion:165 Resp: 5120

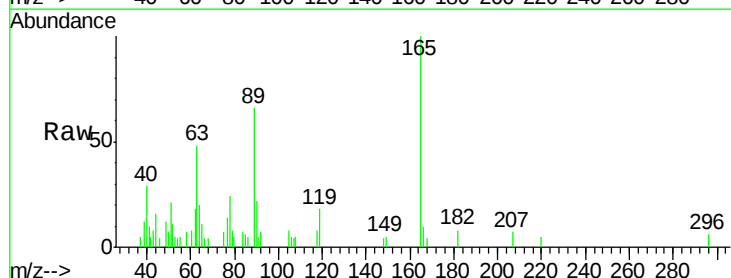
Ion Ratio Lower Upper

165 100

63 47.6 36.2 54.4

89 66.2 57.9 86.9

182 8.1 4.7 7.1#

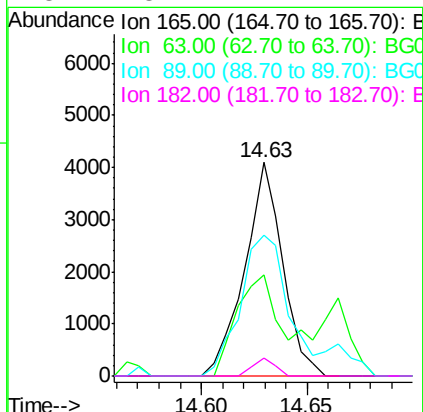
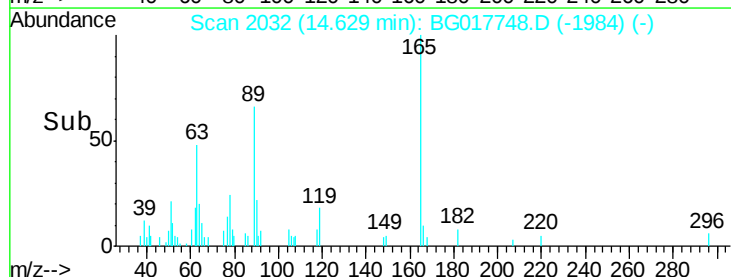


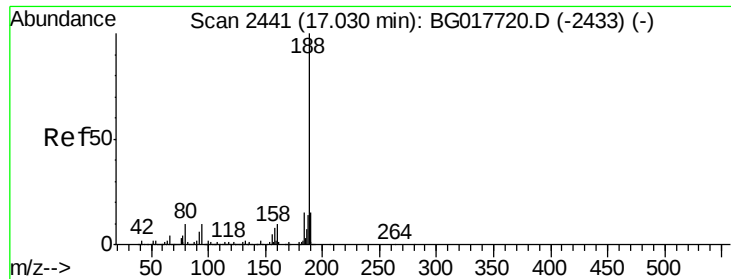
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E

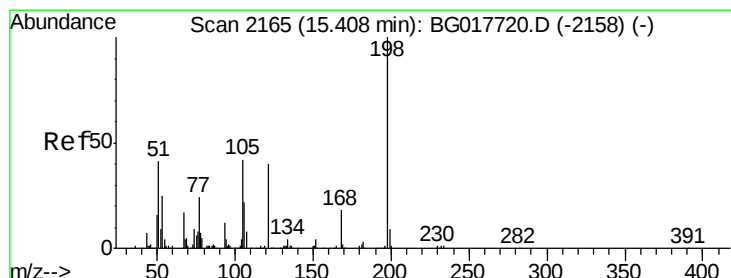
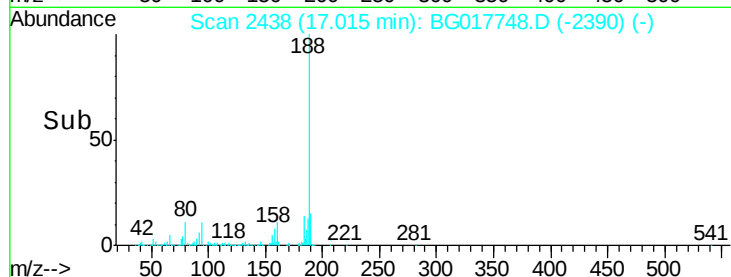
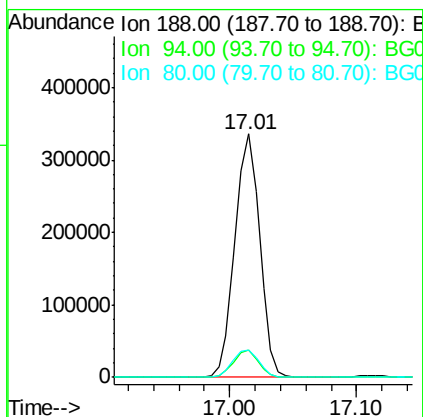
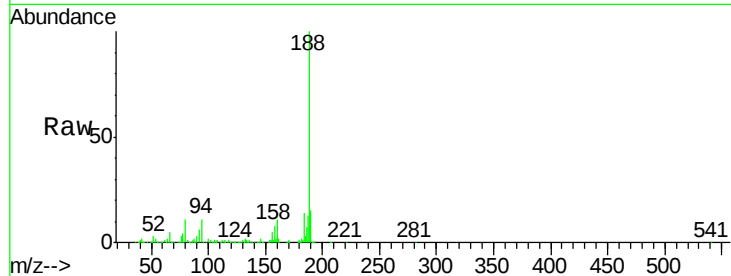




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.01 min Scan# 2438
Delta R.T. -0.02 min
Lab File: BG017748.D
Acq: 22 Jun 2015 16:52

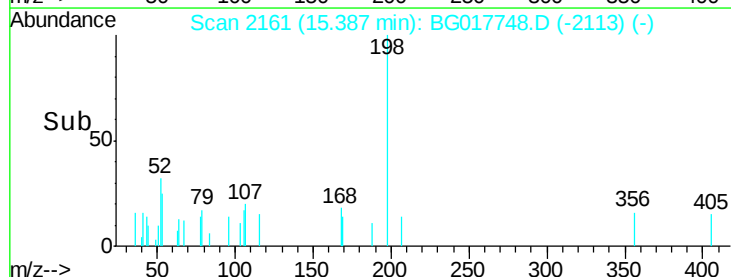
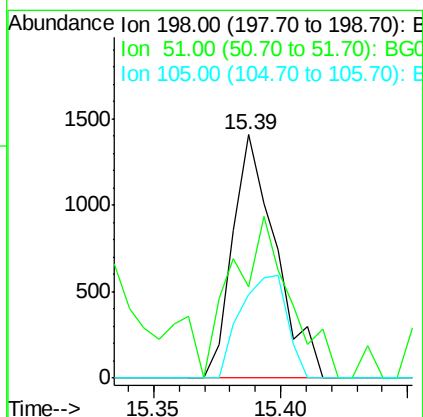
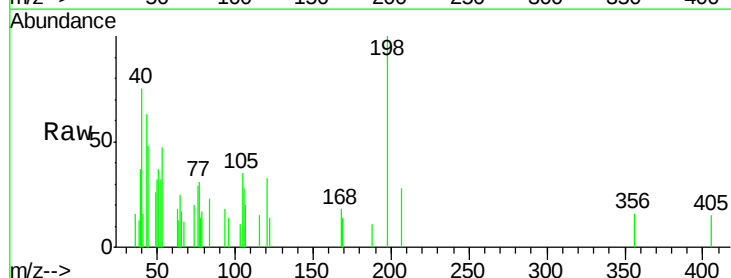
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

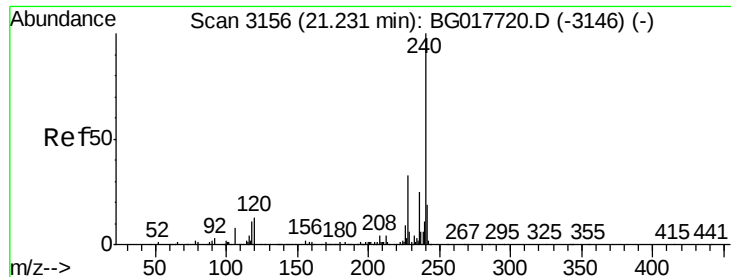
Tgt Ion:188 Resp: 456029
Ion Ratio Lower Upper
188 100
94 11.1 8.2 12.2
80 11.4 8.2 12.4



#64
4,6-Dinitro-2-methylphenol
Concen: 7.76 ng
RT: 15.39 min Scan# 2161
Delta R.T. -0.02 min
Lab File: BG017748.D
Acq: 22 Jun 2015 16:52

Tgt Ion:198 Resp: 1668
Ion Ratio Lower Upper
198 100
51 37.4 27.0 67.0
105 34.6 23.3 63.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.22 min Scan# 3153

Delta R.T. -0.02 min

Lab File: BG017748.D

Acq: 22 Jun 2015 16:52

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

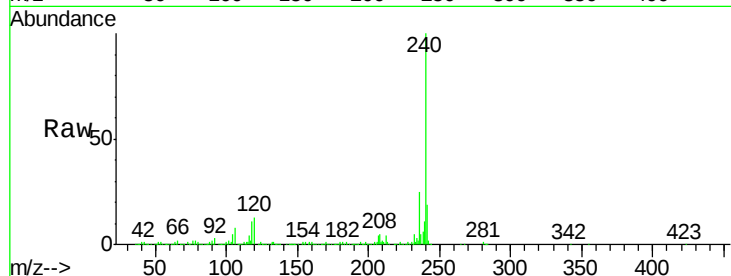
Tgt Ion:240 Resp: 485621

Ion Ratio Lower Upper

240 100

120 12.6 10.8 16.2

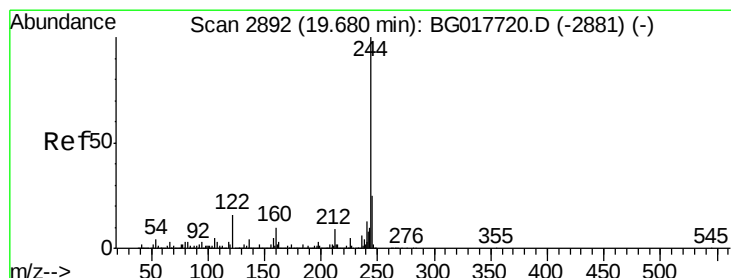
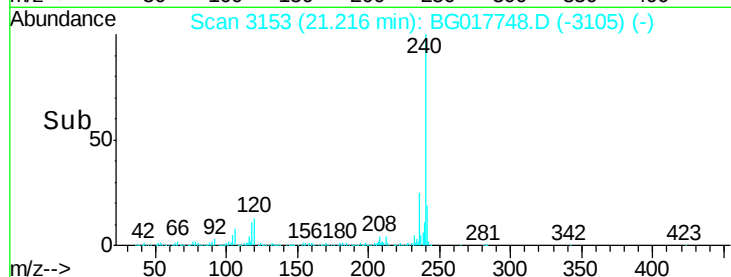
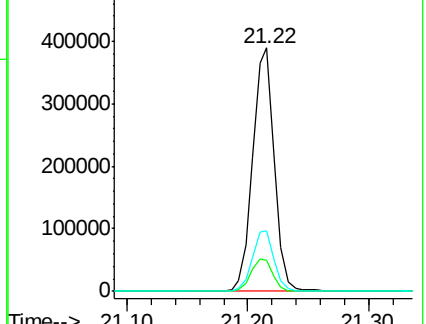
236 24.7 20.0 30.0



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: 70.39 ng

RT: 19.66 min Scan# 2889

Delta R.T. -0.02 min

Lab File: BG017748.D

Acq: 22 Jun 2015 16:52

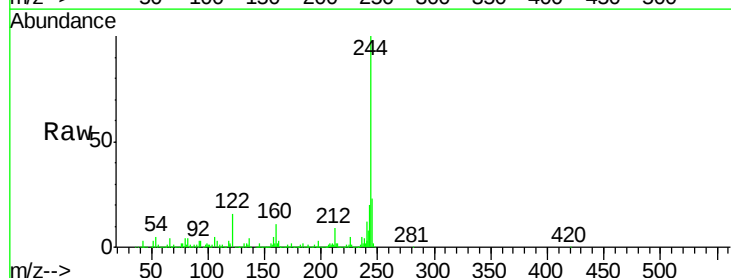
Tgt Ion:244 Resp: 1504279

Ion Ratio Lower Upper

244 100

212 8.9 7.2 10.8

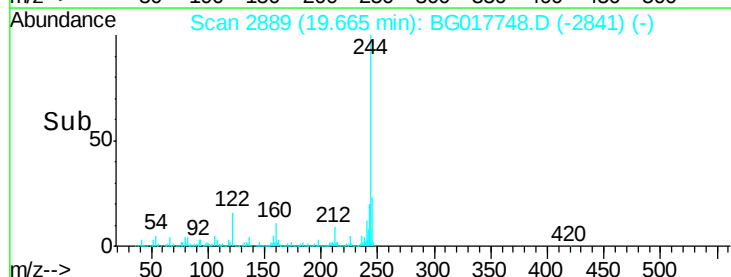
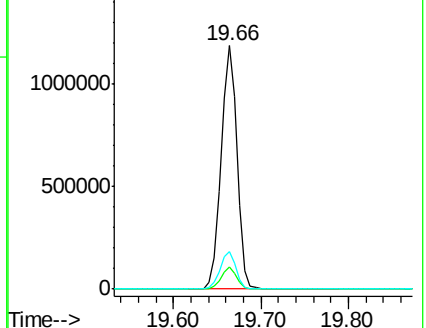
122 15.6 12.8 19.2

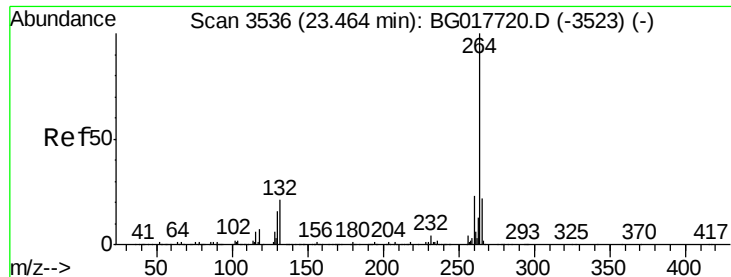


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG017748.D
Acq: 22 Jun 2015 16:52

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.6	27.8
265	21.6	18.2	27.2

