

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG010615\
 Data File : BG015861.D
 Acq On : 6 Jan 2015 15:14
 Operator : TP/IZ
 Sample : G1001-03
 Misc : LOD-SOIL-8PPM
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

Quant Time: Jan 07 00:39:19 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG010515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 07 00:25:26 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	26549	20.00	ng	0.00
21) Naphthalene-d8	10.52	136	93937	20.00	ng	0.00
38) Acenaphthene-d10	14.36	164	73811	20.00	ng	0.00
63) Phenanthrene-d10	17.11	188	181653	20.00	ng	0.00
75) Chrysene-d12	21.29	240	296121	20.00	ng	0.00
86) Perylene-d12	23.56	264	282157	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	192944	62.50	ng	0.00
7) Phenol-d6	6.91	99	271889	63.24	ng	0.00
23) Nitrobenzene-d5	8.88	82	190738	39.84	ng	0.00
41) 2,4,6-Tribromophenol	15.86	330	174930	62.35	ng	0.00
44) 2-Fluorobiphenyl	12.99	172	414085	40.07	ng	0.00
78) Terphenyl-d14	19.74	244	1063707	40.14	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.25	88	4160	5.88	ng	# 84
3) Pyridine	3.64	79	9160	4.72	ng	# 68
4) n-Nitrosodimethylamine	3.57	42	5494	6.59	ng	# 59
6) Aniline	7.07	93	11657	4.01	ng	# 93
8) 2-Chlorophenol	7.30	128	9942	6.25	ng	75
9) Benzaldehyde	6.87	77	11566	7.99	ng	84
10) Phenol	6.93	94	14526	6.21	ng	81
11) bis(2-Chloroethyl)ether	7.16	93	11787	6.83	ng	88
12) 1,3-Dichlorobenzene	7.61	146	10875	5.70	ng	94
13) 1,4-Dichlorobenzene	7.76	146	11142	5.72	ng	89
14) 1,2-Dichlorobenzene	8.08	146	11336	6.14	ng	88
15) Benzyl Alcohol	7.97	79	12716	6.06	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.27	45	7215	6.55	ng	90
17) 2-Methylphenol	8.17	107	10076	6.31	ng	95
18) Hexachloroethane	8.80	117	5752	6.40	ng	# 88
19) n-Nitroso-di-n-propylamine	8.53	70	9265	5.52	ng	# 94
20) 3+4-Methylphenols	8.50	107	12539	5.89	ng	# 81
22) Acetophenone	8.54	105	17237	6.26	ng	# 88
24) Nitrobenzene	8.92	77	17416	7.22	ng	# 80
25) Isophorone	9.44	82	26983	6.36	ng	96
26) 2-Nitrophenol	9.63	139	5991	6.48	ng	# 88
27) 2,4-Dimethylphenol	9.69	122	9388	6.07	ng	92
28) bis(2-Chloroethoxy)methane	9.93	93	13598	6.49	ng	# 93
29) 2,4-Dichlorophenol	10.16	162	10026	6.42	ng	94
30) 1,2,4-Trichlorobenzene	10.38	180	12659	6.19	ng	91
31) Naphthalene	10.56	128	32043	6.44	ng	# 94
32) Benzoic acid	9.69	122	9388	17.73	ng	# 6
33) 4-Chloroaniline	10.67	127	8124	4.01	ng	# 86
34) Hexachlorobutadiene	10.85	225	12111	6.37	ng	95
36) 4-Chloro-3-methylphenol	11.80	107	12989	6.38	ng	# 75
37) 2-Methylnaphthalene	12.18	142	22792	6.12	ng	93
39) 1,2,4,5-Tetrachlorobenzene	12.55	216	18399	6.70	ng	94
40) Hexachlorocyclopentadiene	12.53	237	8741	6.95	ng	85
42) 2,4,6-Trichlorophenol	12.87	196	9526	5.65	ng	98

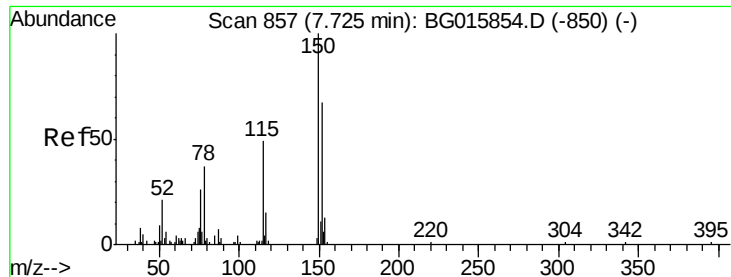
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG010615\
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 Acq On : 6 Jan 2015 15:14
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 QLast Update : Wed Jan 07 00:25:26 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	12.87	196	9526	5.16	ng	94
45) 1,1'-Biphenyl	13.20	154	32999	6.26	ng	91
46) 2-Chloronaphthalene	13.24	162	25493	6.07	ng	96
47) 2-Nitroaniline	13.45	65	8698	6.33	ng	# 87
48) Acenaphthylene	14.09	152	43236	6.02	ng	95
49) Dimethylphthalate	13.82	163	34273	6.29	ng	# 93
50) 2,6-Dinitrotoluene	13.94	165	7229	6.16	ng	94
51) Acenaphthene	14.43	154	25394	6.02	ng	97
52) 3-Nitroaniline	14.27	138	4692	4.20	ng	# 69
53) 2,4-Dinitrophenol	14.50	184	1595	11.61	ng	# 55
54) Dibenzofuran	14.76	168	42414	6.20	ng	95
55) 4-Nitrophenol	14.59	139	4940	5.37	ng	# 67
56) 2,4-Dinitrotoluene	14.73	165	10916	6.45	ng	87
57) Fluorene	15.41	166	36457	6.54	ng	89
58) 2,3,4,6-Tetrachlorophenol	14.99	232	11795	5.67	ng	# 94
59) Diethylphthalate	15.19	149	36832	6.12	ng	# 95
60) 4-Chlorophenyl-phenylether	15.41	204	23434	6.43	ng	# 87
61) 4-Nitroaniline	15.44	138	7594	5.78	ng	92
62) Azobenzene	15.70	77	41339	6.38	ng	92
64) 4,6-Dinitro-2-methylphenol	15.50	198	5668	7.47	ng	87
65) n-Nitrosodiphenylamine	15.63	169	31817	6.09	ng	90
66) 4-Bromophenyl-phenylether	16.30	248	16300	6.54	ng	95
67) Hexachlorobenzene	16.42	284	18963	6.72	ng	94
68) Atrazine	16.57	200	14412	6.18	ng	84
69) Pentachlorophenol	16.77	266	6430	6.49	ng	# 82
70) Phenanthrene	17.15	178	60366	6.24	ng	97
71) Anthracene	17.24	178	64453	6.71	ng	96
72) Carbazole	17.51	167	57440	6.24	ng	96
73) Di-n-butylphthalate	18.08	149	69201	6.38	ng	97
74) Fluoranthene	19.17	202	93909	6.42	ng	95
76) Benzidine	19.36	184	18686	2.73	ng	98
77) Pyrene	19.54	202	98904	6.25	ng	98
79) Butylbenzylphthalate	20.43	149	36850	6.21	ng	93
80) Benzo(a)anthracene	21.27	228	117478	6.68	ng	94
81) 3,3'-Dichlorobenzidine	21.22	252	28100	4.35	ng	86
82) Chrysene	21.33	228	106831	6.61	ng	98
83) Bis(2-ethylhexyl)phthalate	21.21	149	54433	6.31	ng	96
84) Di-n-octyl phthalate	22.09	149	86654	6.17	ng	98
85) Indeno(1,2,3-cd)pyrene	25.86	276	117008	6.13	ng	96
87) Benzo(b)fluoranthene	22.87	252	112100	6.36	ng	98
88) Benzo(k)fluoranthene	22.92	252	103729	6.12	ng	97
89) Benzo(a)pyrene	23.45	252	103058	6.50	ng	97
90) Dibenzo(a,h)anthracene	25.87	278	98552	6.32	ng	95
91) Benzo(g,h,i)perylene	26.57	276	100936	6.51	ng	98

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

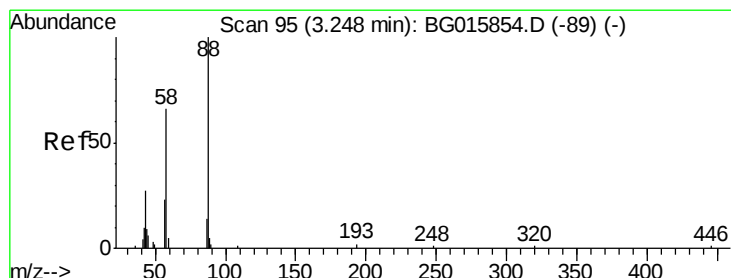
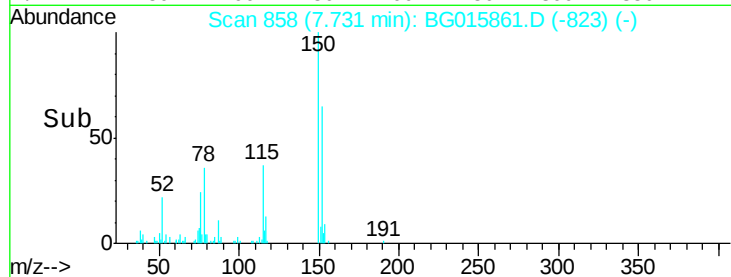
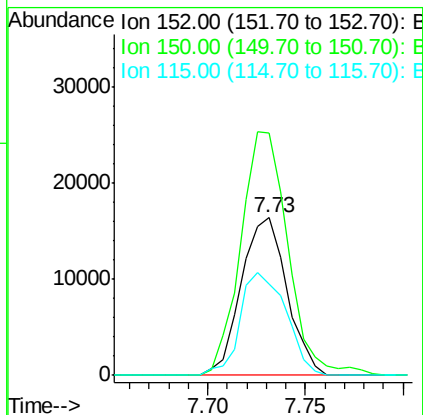
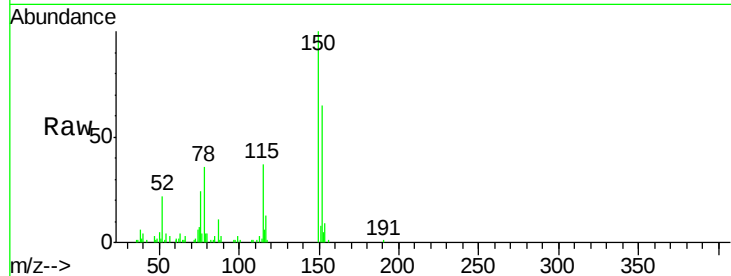


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.73 min Scan# 858
Delta R.T. 0.01 min
Lab File: BG015861.D
Acq: 6 Jan 2015 15:14

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

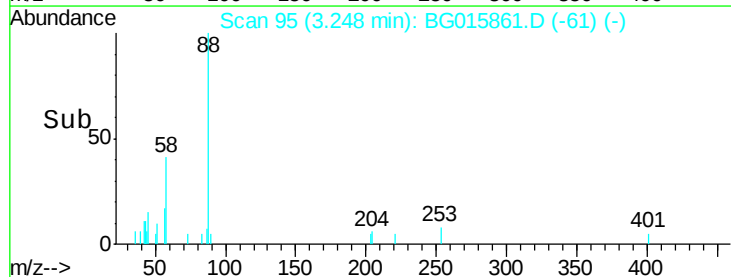
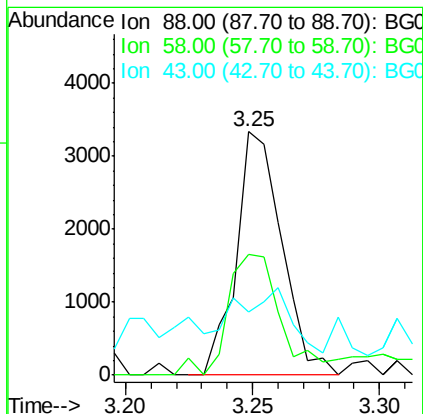
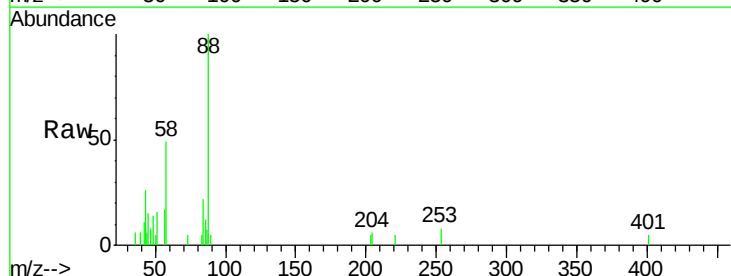
Tgt Ion:152 Resp: 26549
Ion Ratio Lower Upper
152 100
150 153.9 120.5 180.7
115 57.5 54.0 81.0

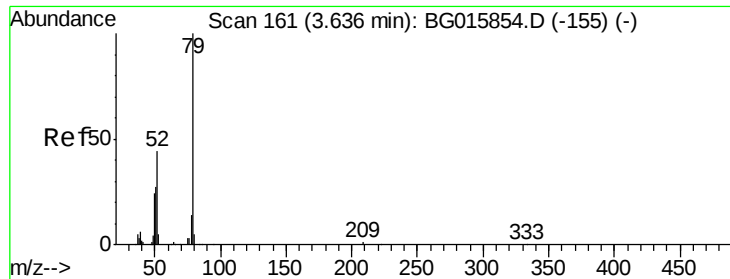


#2

1,4-Dioxane
Concen: 5.88 ng
RT: 3.25 min Scan# 95
Delta R.T. 0.00 min
Lab File: BG015861.D
Acq: 6 Jan 2015 15:14

Tgt Ion: 88 Resp: 4160
Ion Ratio Lower Upper
88 100
58 59.6 37.9 56.9#
43 32.1 20.7 31.1#





#3

Pyridine

Concen: 4.72 ng

RT: 3.64 min Scan# 162

Delta R.T. 0.01 min

Lab File: BG015861.D

Acq: 6 Jan 2015 15:14

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

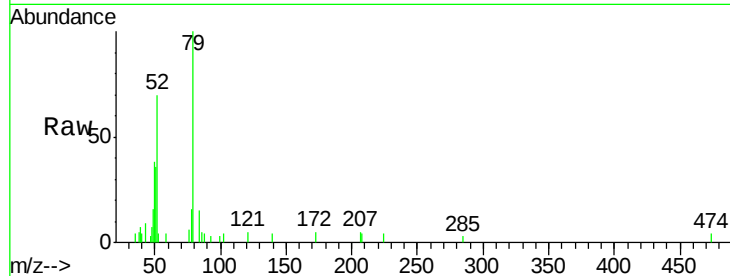
Tgt Ion: 79 Resp: 9160

Ion Ratio Lower Upper

79 100

52 69.5 30.6 46.0#

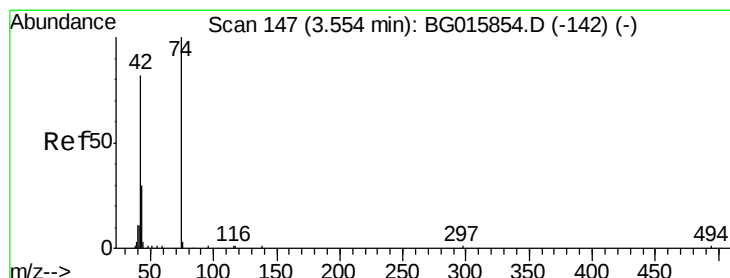
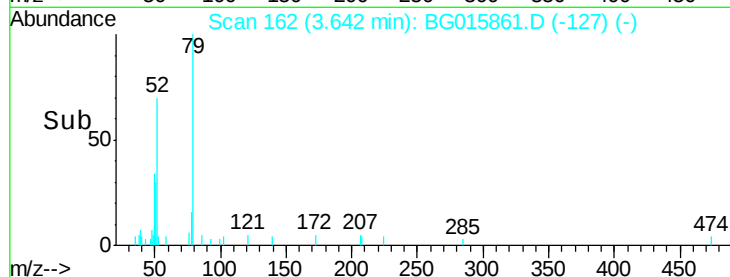
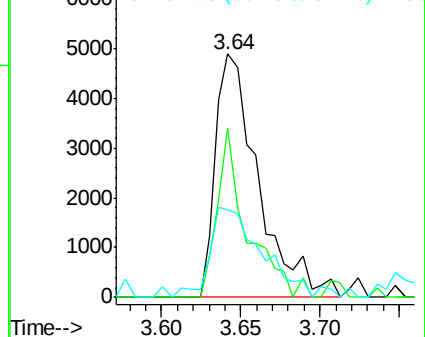
51 35.9 24.9 37.3



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 6.59 ng

RT: 3.57 min Scan# 149

Delta R.T. 0.01 min

Lab File: BG015861.D

Acq: 6 Jan 2015 15:14

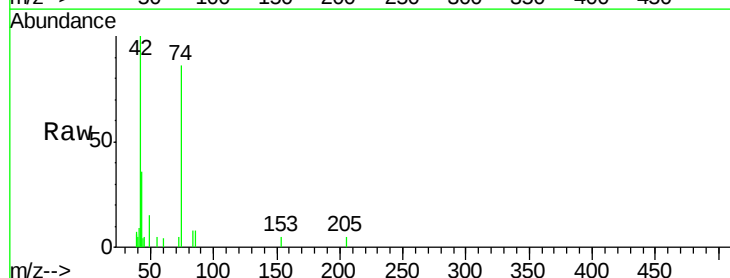
Tgt Ion: 42 Resp: 5494

Ion Ratio Lower Upper

42 100

74 85.7 108.8 163.2#

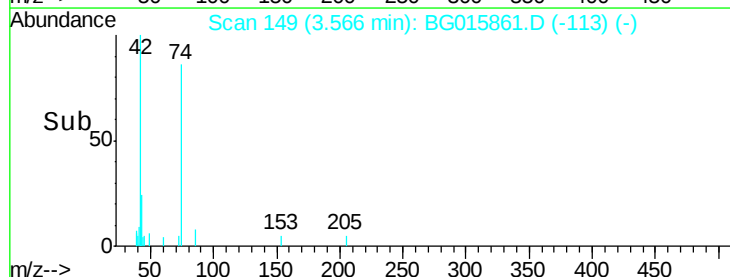
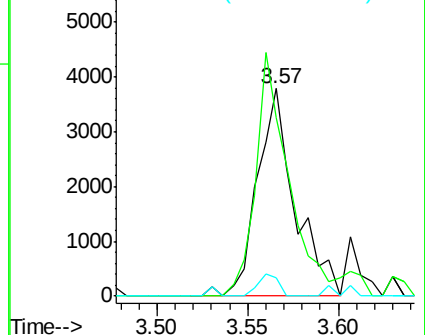
44 8.8 4.4 6.6#

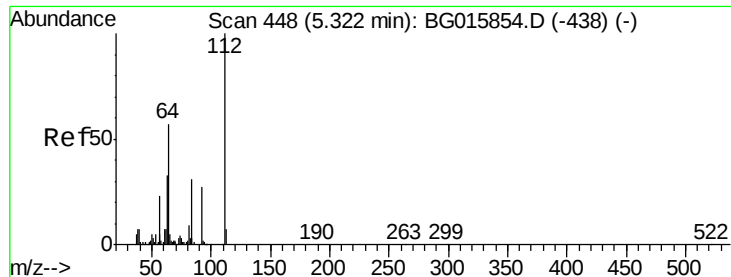


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 62.50 ng

RT: 5.33 min Scan# 449

Delta R.T. 0.01 min

Lab File: BG015861.D

Acq: 6 Jan 2015 15:14

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

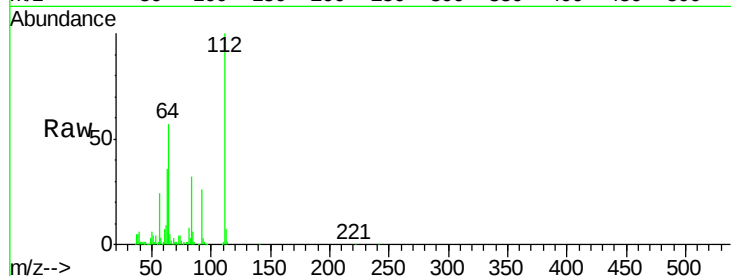
Tgt Ion:112 Resp: 192944

Ion Ratio Lower Upper

112 100

64 57.4 46.8 70.2

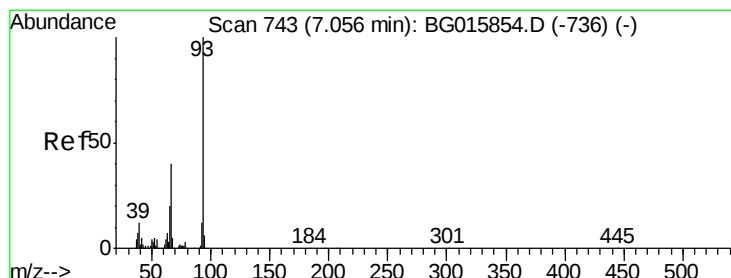
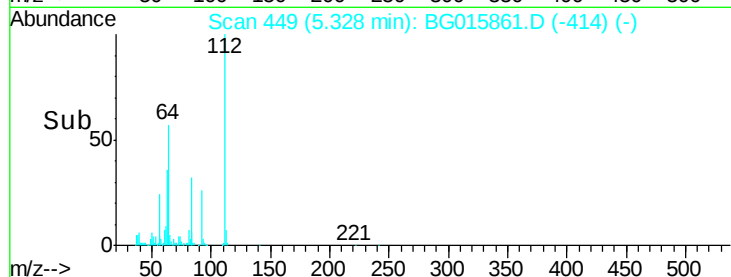
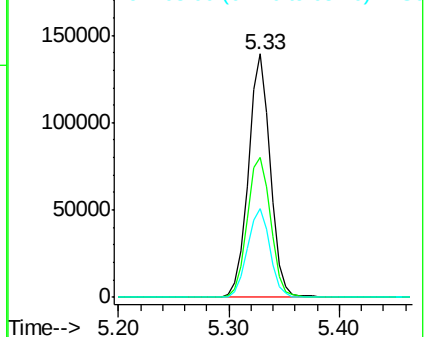
63 36.2 30.6 45.8



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



#6

Aniline

Concen: 4.01 ng

RT: 7.07 min Scan# 745

Delta R.T. 0.01 min

Lab File: BG015861.D

Acq: 6 Jan 2015 15:14

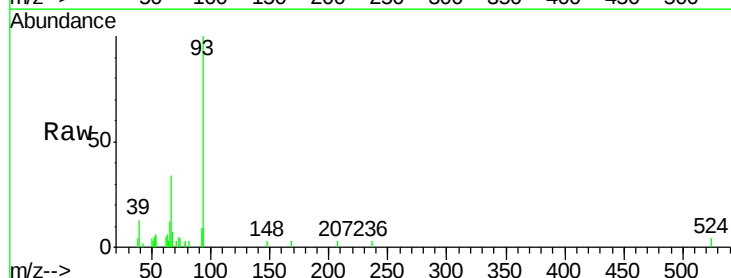
Tgt Ion: 93 Resp: 11657

Ion Ratio Lower Upper

93 100

66 33.7 28.7 43.1

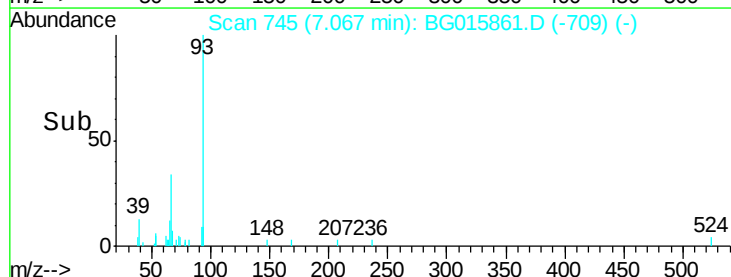
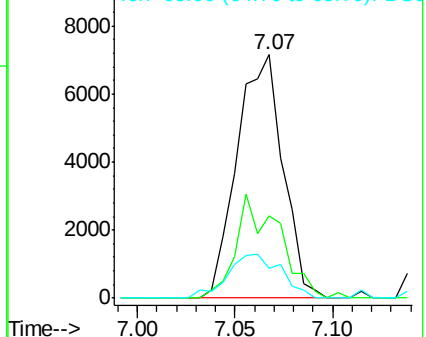
65 12.3 14.7 22.1#

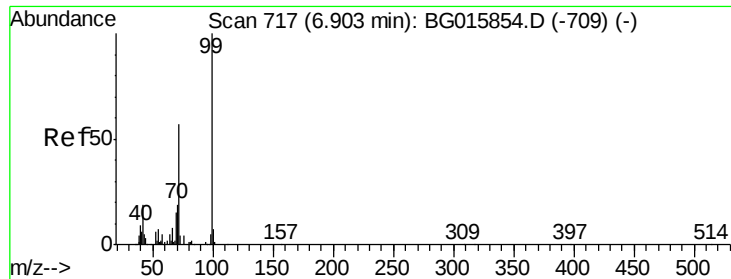


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 63.24 ng

RT: 6.91 min Scan# 718

Delta R.T. 0.01 min

Lab File: BG015861.D

Acq: 6 Jan 2015 15:14

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

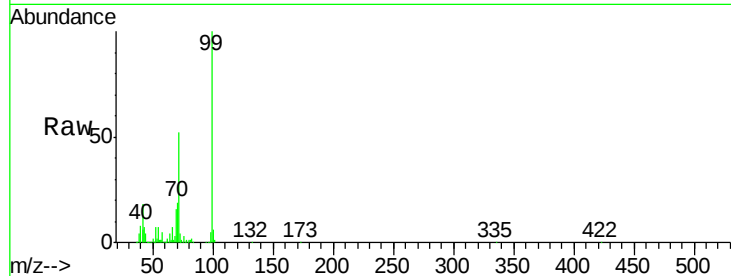
Tgt Ion: 99 Resp: 271889

Ion Ratio Lower Upper

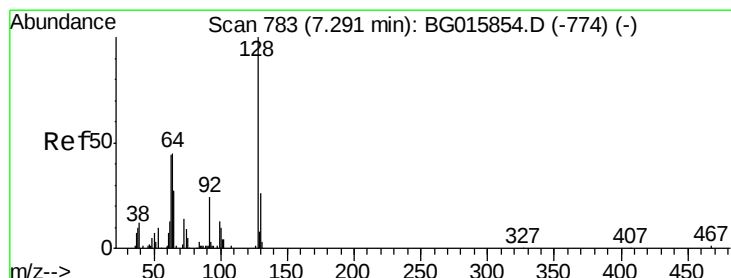
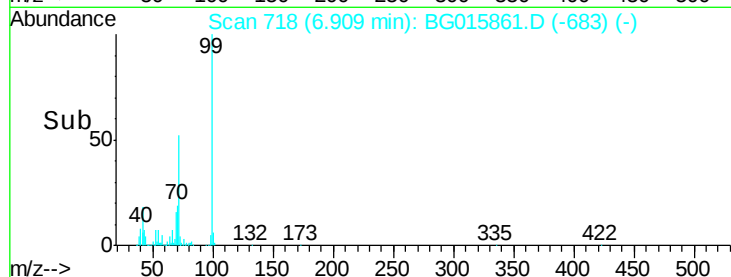
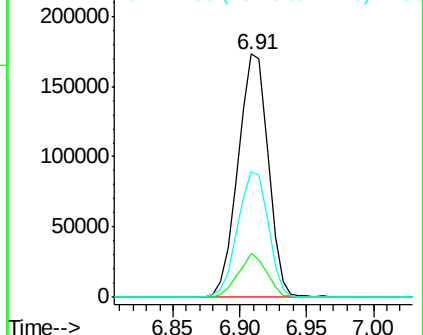
99 100

42 18.0 13.8 20.8

71 51.7 42.8 64.2



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



#8

2-Chlorophenol

Concen: 6.25 ng

RT: 7.30 min Scan# 784

Delta R.T. 0.01 min

Lab File: BG015861.D

Acq: 6 Jan 2015 15:14

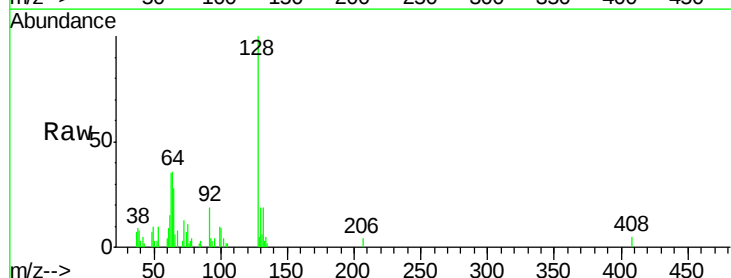
Tgt Ion: 128 Resp: 9942

Ion Ratio Lower Upper

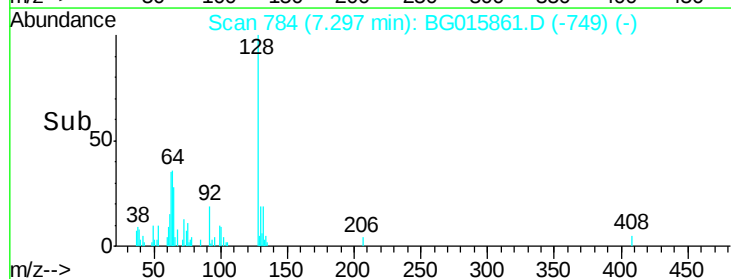
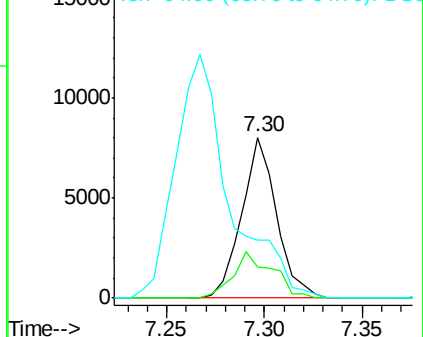
128 100

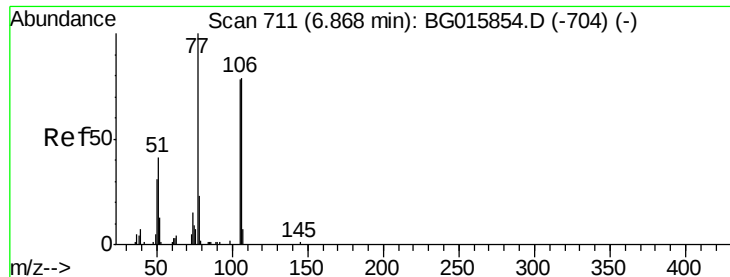
130 19.0 10.6 50.6

64 36.4 36.4 76.4



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 7.99 ng

RT: 6.87 min Scan# 712

Delta R.T. 0.01 min

Lab File: BG015861.D

Acq: 6 Jan 2015 15:14

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

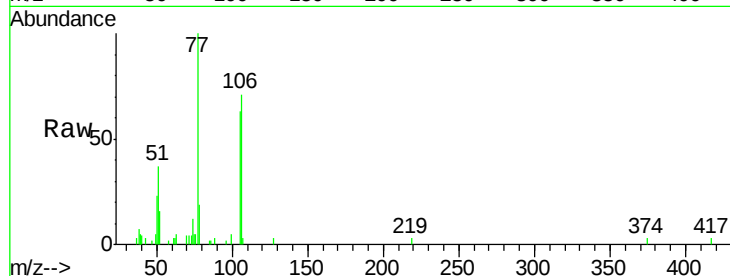
Tgt Ion: 77 Resp: 11566

Ion Ratio Lower Upper

77 100

105 62.9 62.4 102.4

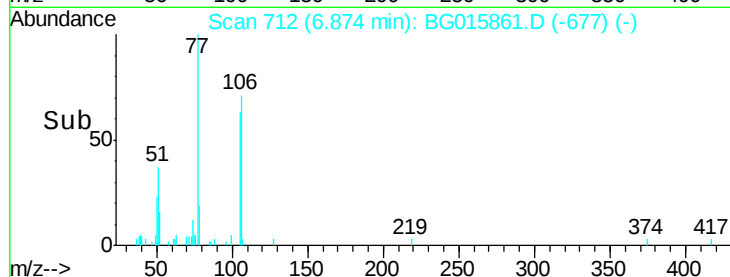
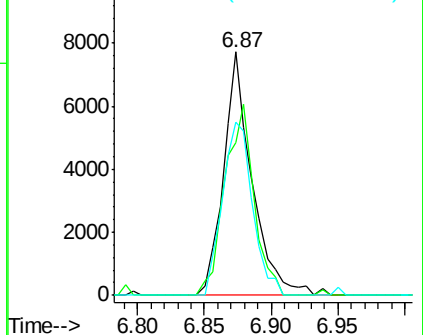
106 71.0 59.5 99.5



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



#10

Phenol

Concen: 6.21 ng

RT: 6.93 min Scan# 722

Delta R.T. 0.01 min

Lab File: BG015861.D

Acq: 6 Jan 2015 15:14

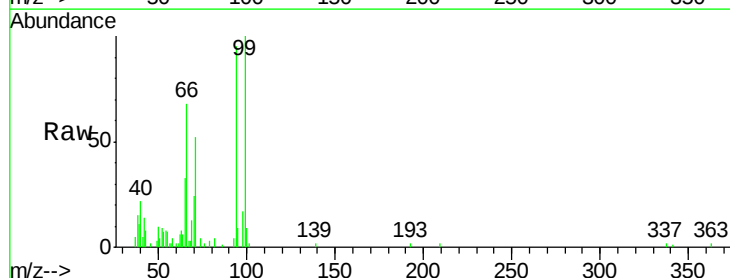
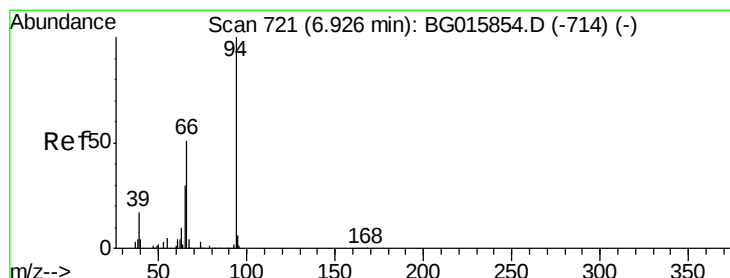
Tgt Ion: 94 Resp: 14526

Ion Ratio Lower Upper

94 100

65 34.4 9.7 49.7

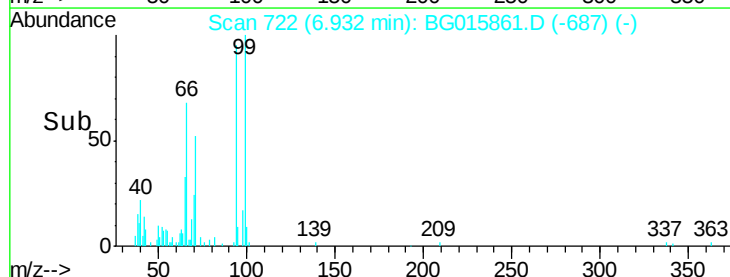
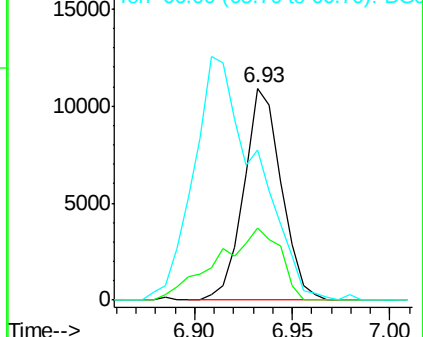
66 71.1 33.8 73.8

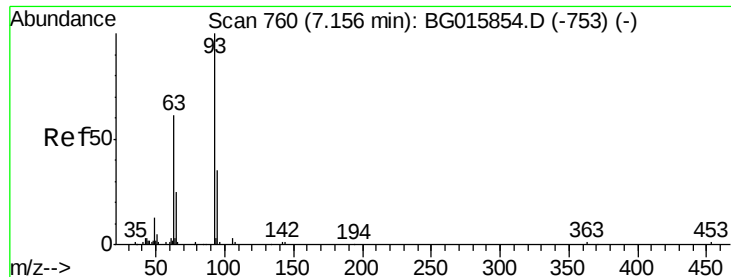


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

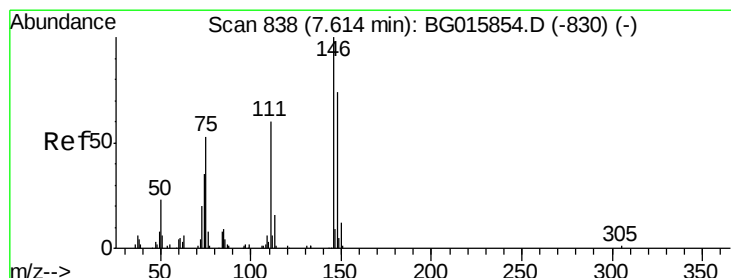
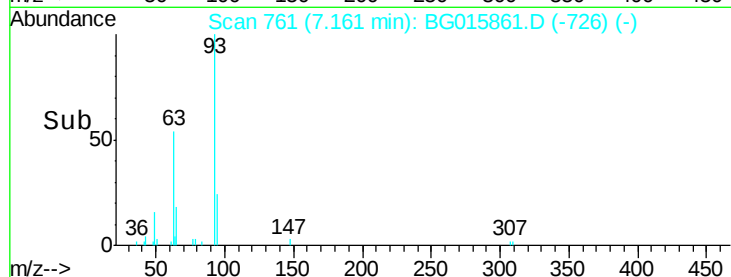
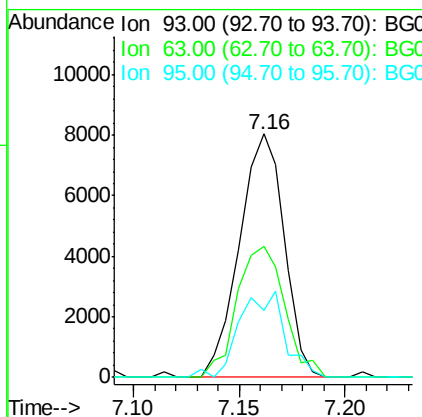
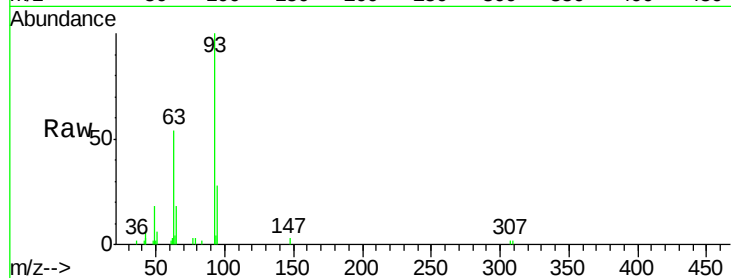




#11
 bis(2-Chloroethyl)ether
 Concen: 6.83 ng
 RT: 7.16 min Scan# 761
 Delta R.T. 0.01 min
 Lab File: BG015861.D
 Acq: 6 Jan 2015 15:14

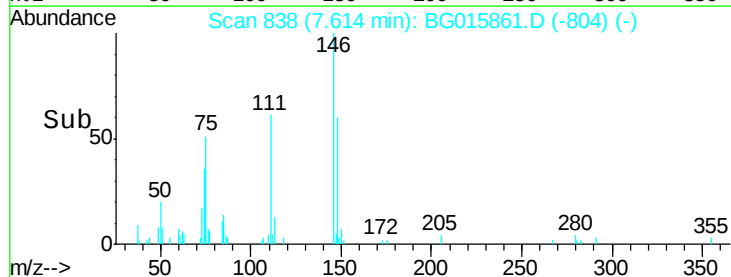
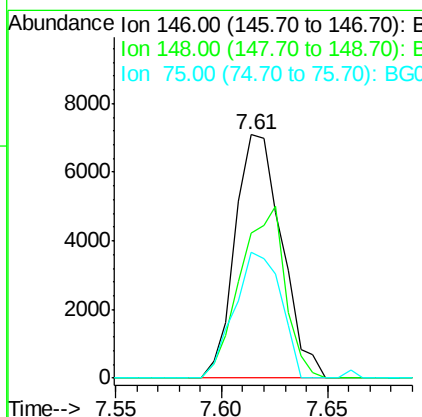
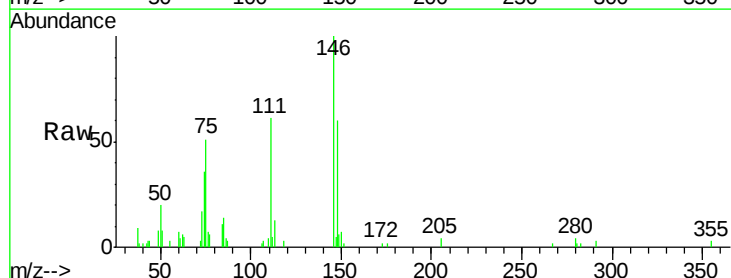
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

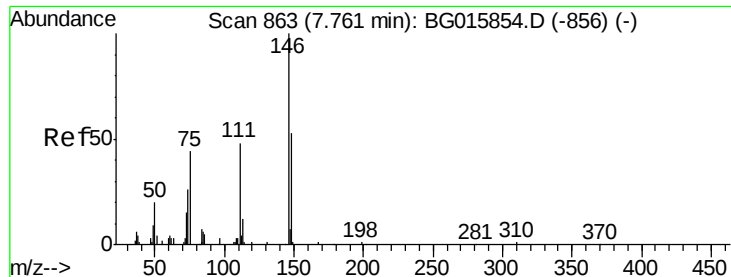
Tgt Ion: 93 Resp: 11787
 Ion Ratio Lower Upper
 93 100
 63 53.9 45.1 85.1
 95 27.6 12.1 52.1



#12
 1,3-Dichlorobenzene
 Concen: 5.70 ng
 RT: 7.61 min Scan# 838
 Delta R.T. 0.00 min
 Lab File: BG015861.D
 Acq: 6 Jan 2015 15:14

Tgt Ion: 146 Resp: 10875
 Ion Ratio Lower Upper
 146 100
 148 59.8 52.5 78.7
 75 51.5 38.9 58.3

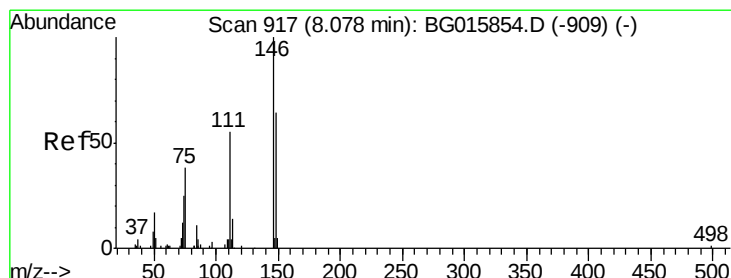
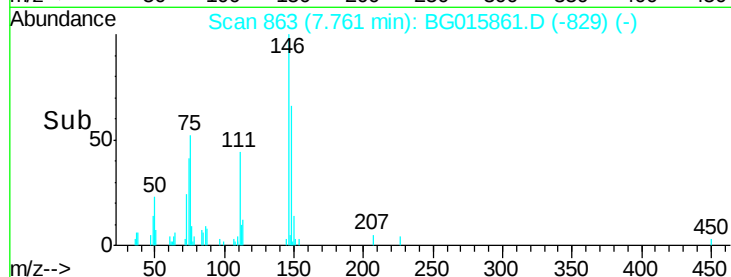
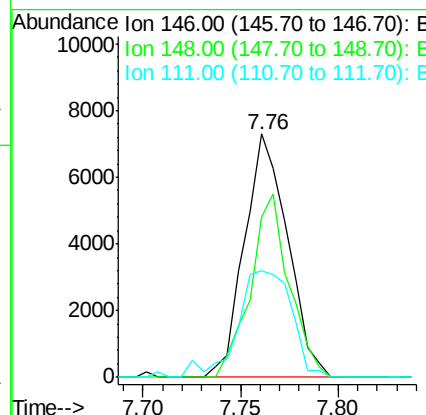
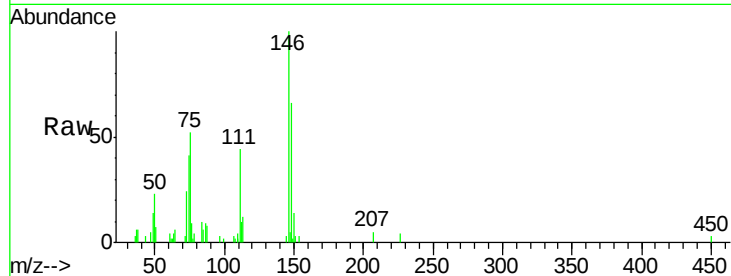




#13
 1,4-Dichlorobenzene
 Concen: 5.72 ng
 RT: 7.76 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: BG015861.D
 Acq: 6 Jan 2015 15:14

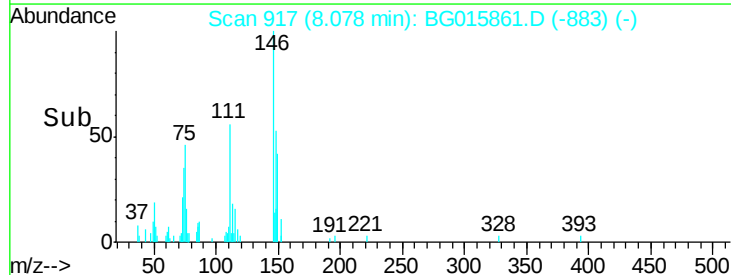
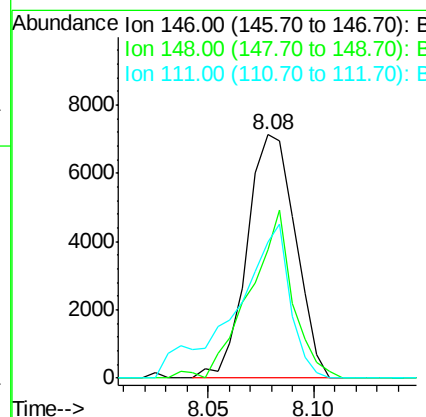
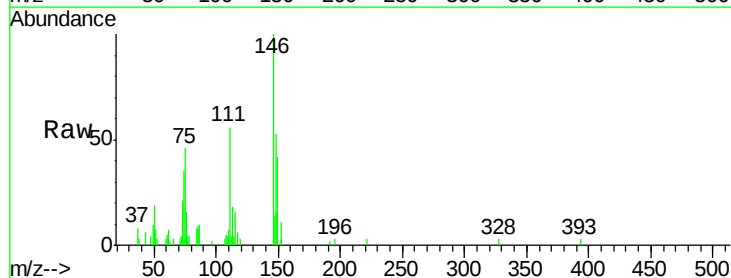
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

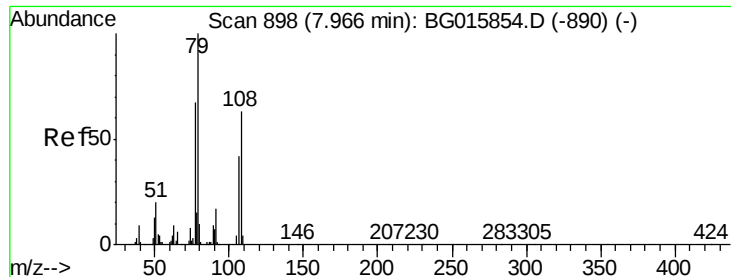
Tgt Ion:146 Resp: 11142
 Ion Ratio Lower Upper
 146 100
 148 66.1 46.5 69.7
 111 43.9 41.8 62.6



#14
 1,2-Dichlorobenzene
 Concen: 6.14 ng
 RT: 8.08 min Scan# 917
 Delta R.T. 0.00 min
 Lab File: BG015861.D
 Acq: 6 Jan 2015 15:14

Tgt Ion:146 Resp: 11336
 Ion Ratio Lower Upper
 146 100
 148 69.1 46.7 70.1
 111 55.8 39.6 59.4





#15

Benzyl Alcohol

Concen: 6.06 ng

RT: 7.97 min Scan# 898

Delta R.T. 0.00 min

Lab File: BG015861.D

Acq: 6 Jan 2015 15:14

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

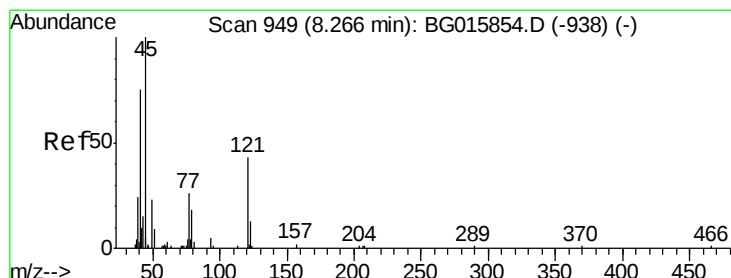
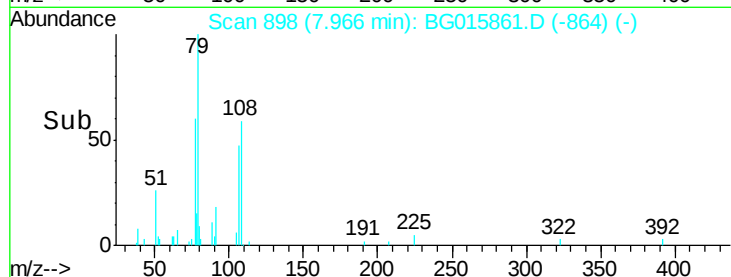
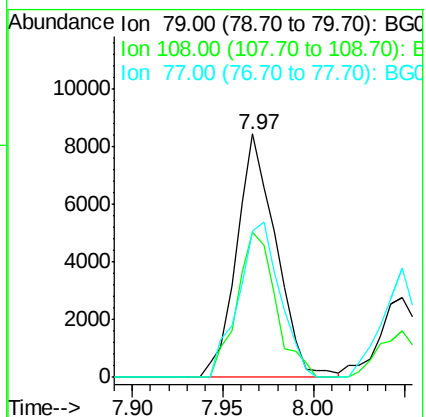
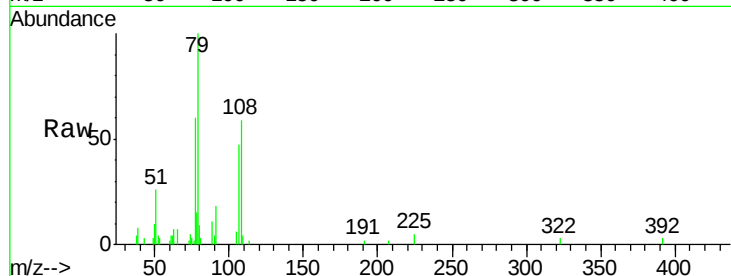
Tgt Ion: 79 Resp: 12716

Ion Ratio Lower Upper

79 100

108 59.4 47.0 70.4

77 59.9 53.1 79.7



#16

2,2'-oxybis(1-chloropropane)

Concen: 6.55 ng

RT: 8.27 min Scan# 949

Delta R.T. 0.00 min

Lab File: BG015861.D

Acq: 6 Jan 2015 15:14

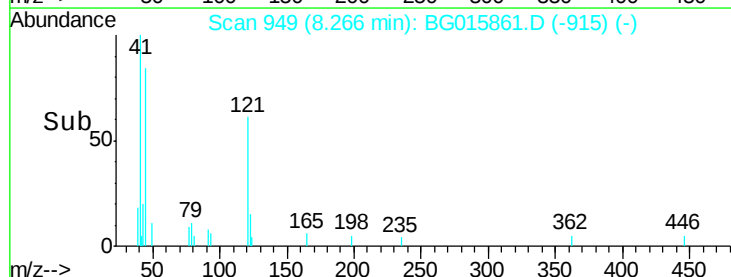
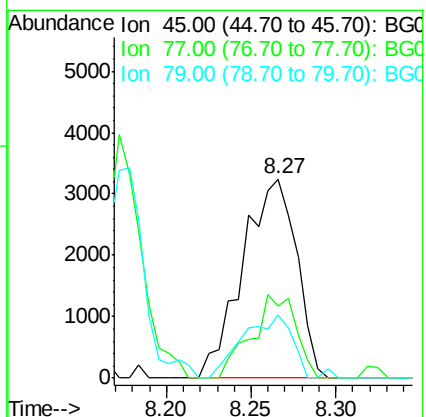
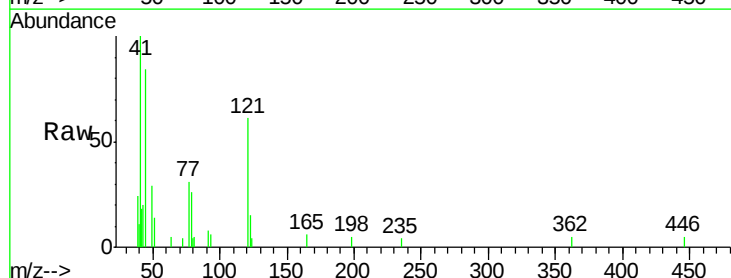
Tgt Ion: 45 Resp: 7215

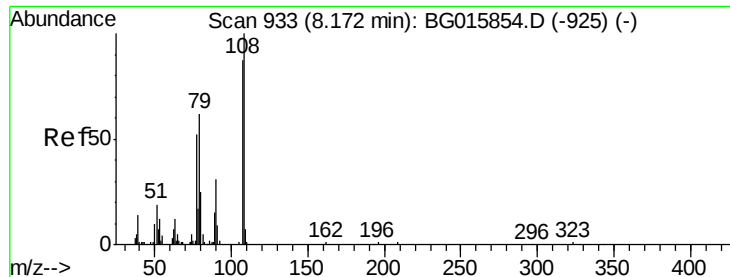
Ion Ratio Lower Upper

45 100

77 36.4 9.7 49.7

79 31.5 7.8 47.8

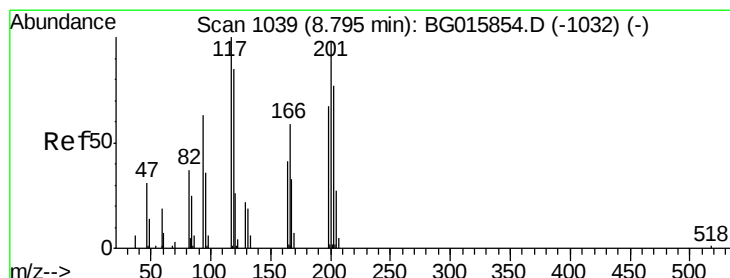
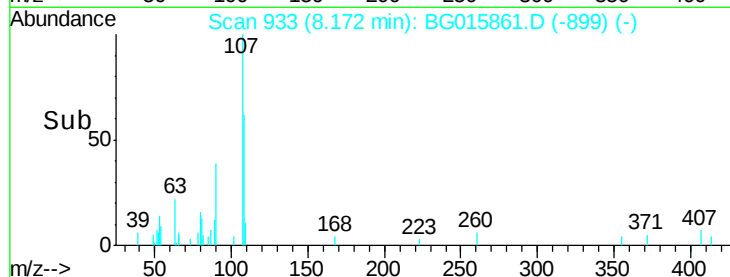
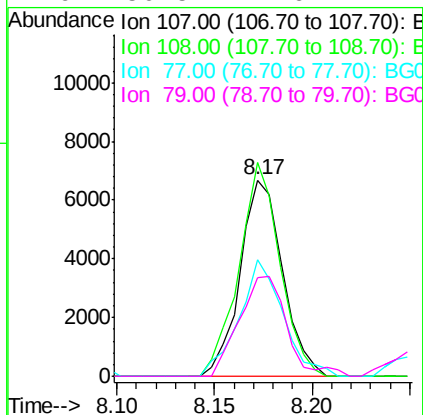
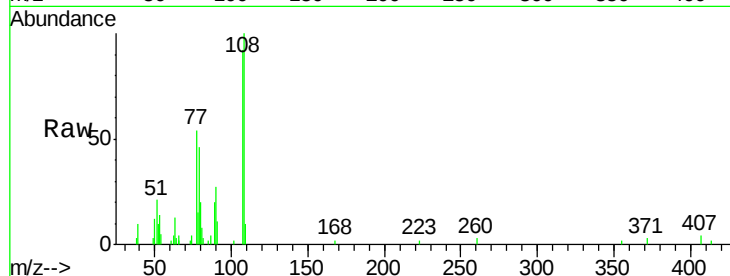




#17
2-Methylphenol
Concen: 6.31 ng
RT: 8.17 min Scan# 933
Delta R.T. 0.00 min
Lab File: BG015861.D
Acq: 6 Jan 2015 15:14

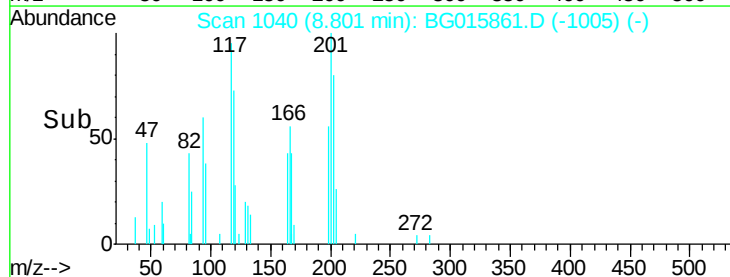
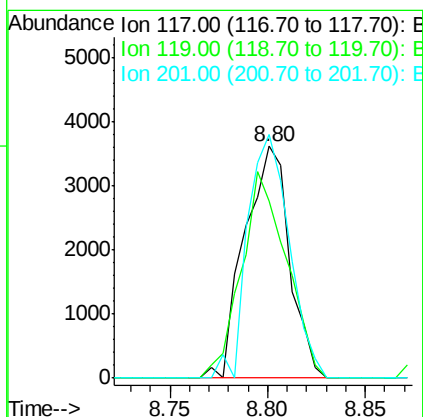
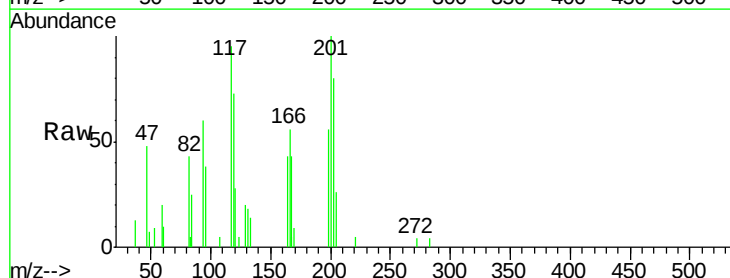
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

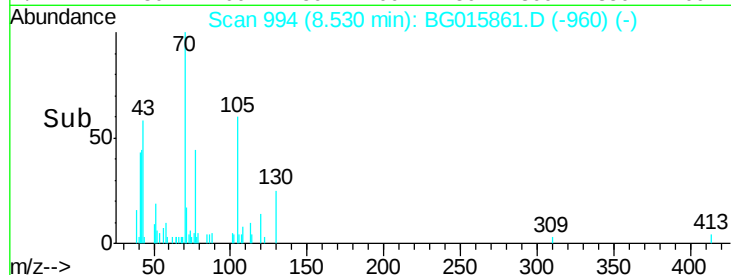
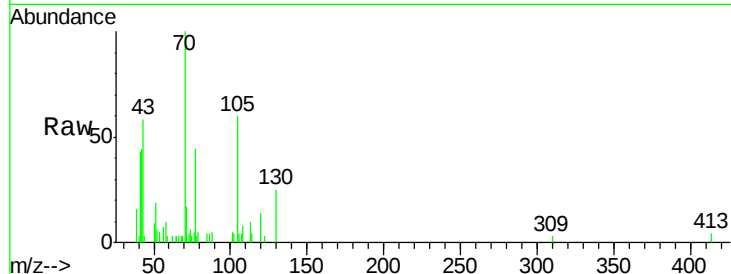
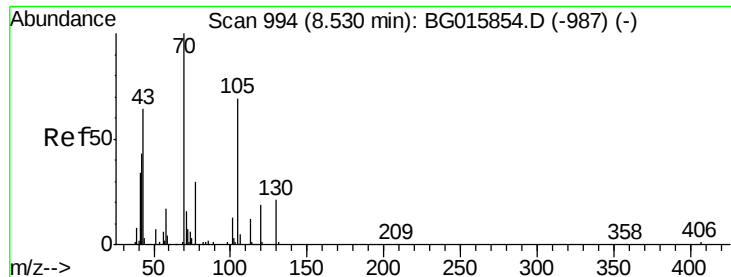
Tgt Ion:	107	Resp:	10076
Ion	Ratio	Lower	Upper
107	100		
108	108.8	88.9	133.3
77	59.3	46.6	69.8
79	50.5	47.6	71.4



#18
Hexachloroethane
Concen: 6.40 ng
RT: 8.80 min Scan# 1040
Delta R.T. 0.01 min
Lab File: BG015861.D
Acq: 6 Jan 2015 15:14

Tgt Ion:	117	Resp:	5752
Ion	Ratio	Lower	Upper
117	100		
119	76.6	79.5	119.3#
201	105.0	84.8	127.2

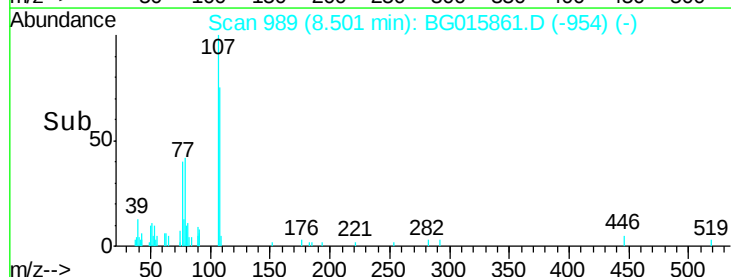
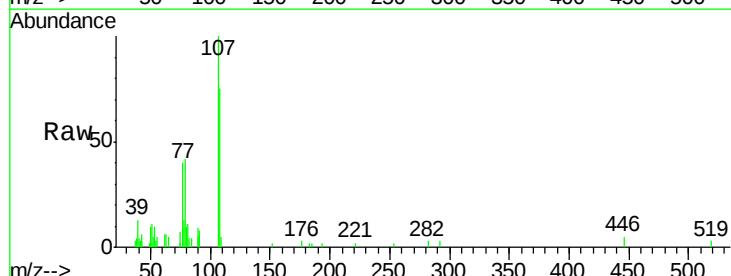
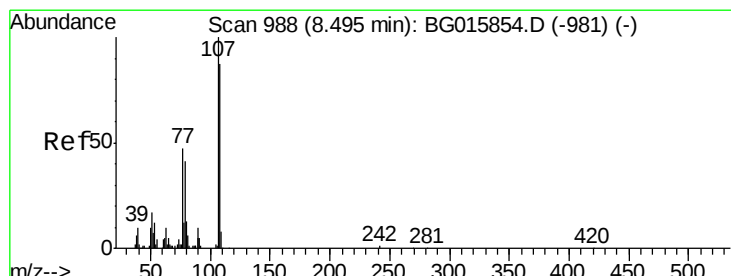
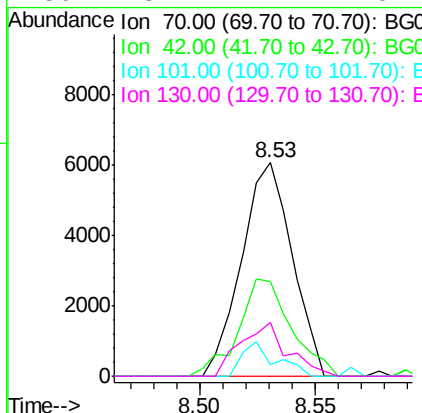




#19
n-Nitroso-di-n-propylamine
Concen: 5.52 ng
RT: 8.53 min Scan# 994
Delta R.T. 0.00 min
Lab File: BG015861.D
Acq: 6 Jan 2015 15:14

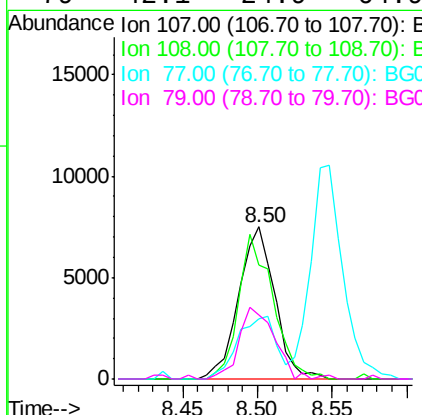
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

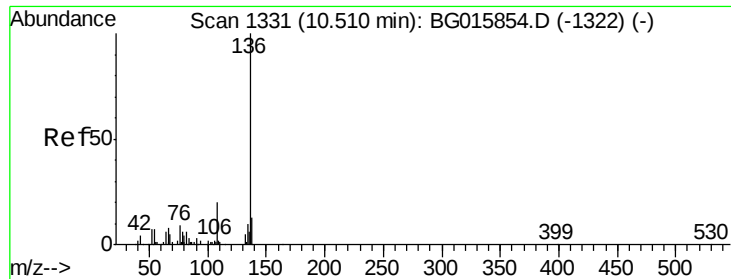
Tgt Ion: 70 Resp: 9265
Ion Ratio Lower Upper
70 100
42 44.1 36.6 54.8
101 5.5 9.4 14.2#
130 25.1 17.4 26.2



#20
3+4-Methylphenols
Concen: 5.89 ng
RT: 8.50 min Scan# 989
Delta R.T. 0.01 min
Lab File: BG015861.D
Acq: 6 Jan 2015 15:14

Tgt Ion: 107 Resp: 12539
Ion Ratio Lower Upper
107 100
108 75.3 80.9 120.9#
77 39.5 32.1 72.1
79 42.1 24.9 64.9

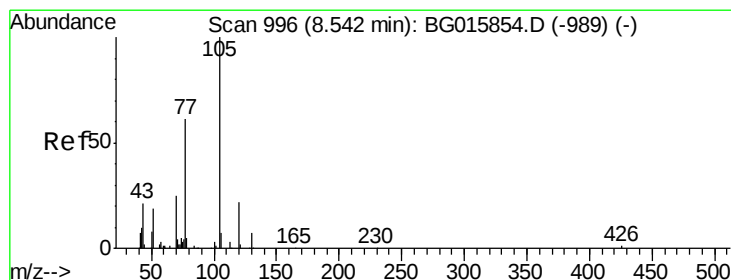
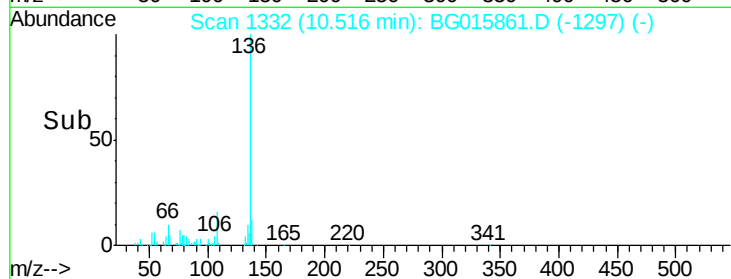
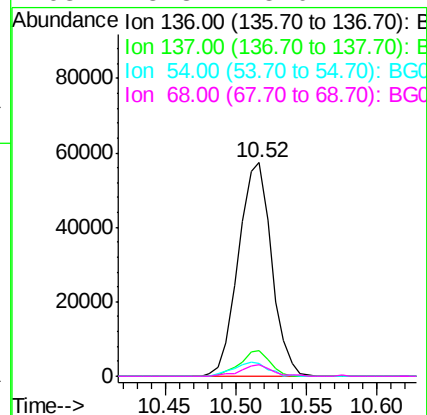
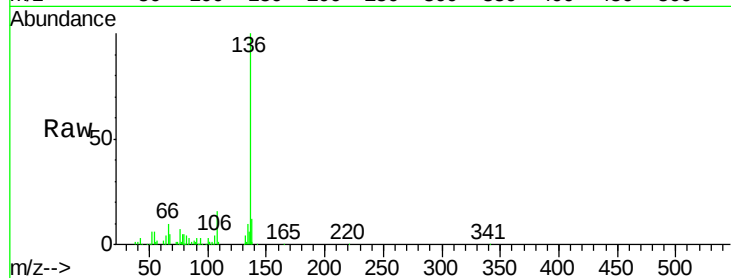




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.52 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BG015861.D
Acq: 6 Jan 2015 15:14

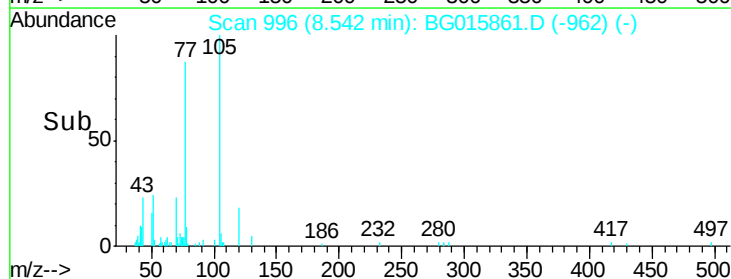
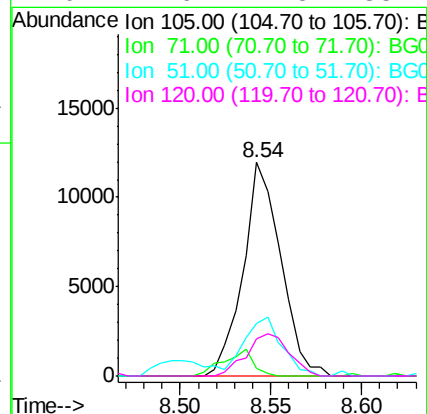
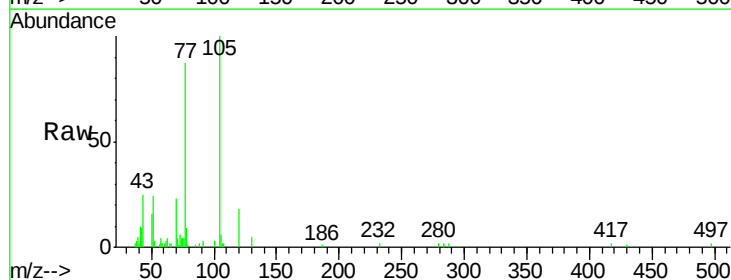
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

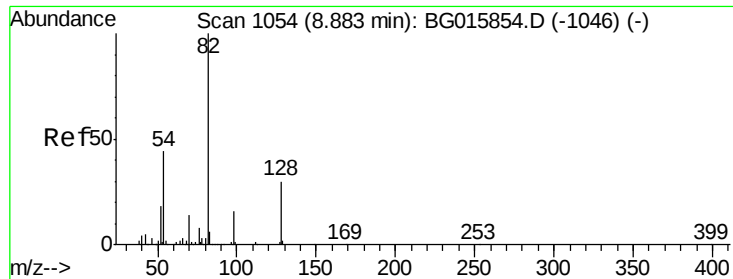
Tgt Ion:136	Resp:	93937
Ion Ratio	Lower	Upper
136	100	
137	12.0	9.6 14.4
54	6.3	4.5 6.7
68	5.3	5.0 7.4



#22
Acetophenone
Concen: 6.26 ng
RT: 8.54 min Scan# 996
Delta R.T. 0.00 min
Lab File: BG015861.D
Acq: 6 Jan 2015 15:14

Tgt Ion:105	Resp:	17237
Ion Ratio	Lower	Upper
105	100	
71	3.6	0.9 1.3#
51	24.4	21.4 32.2
120	17.6	22.5 33.7#

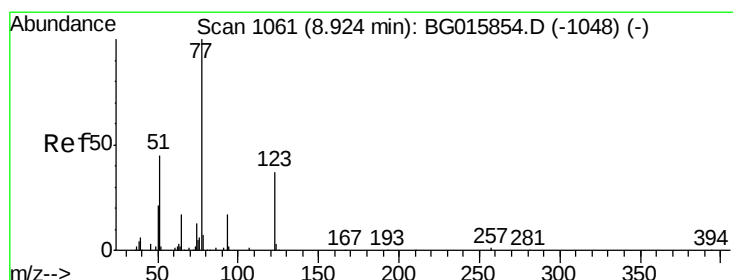
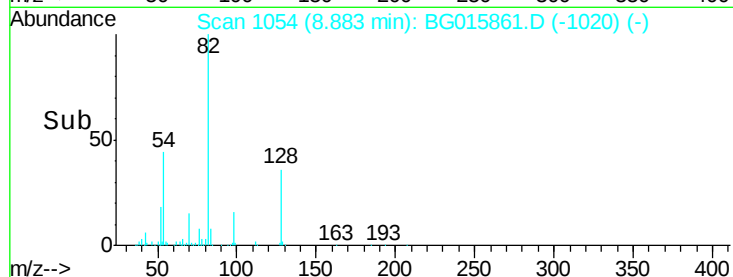
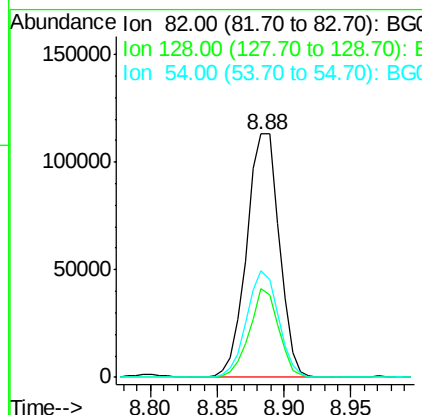
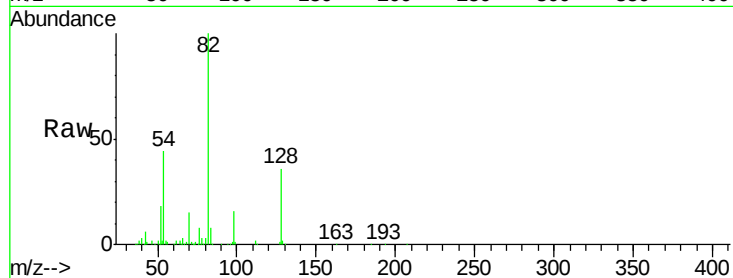




#23
 Nitrobenzene-d5
 Concen: 39.84 ng
 RT: 8.88 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: BG015861.D
 Acq: 6 Jan 2015 15:14

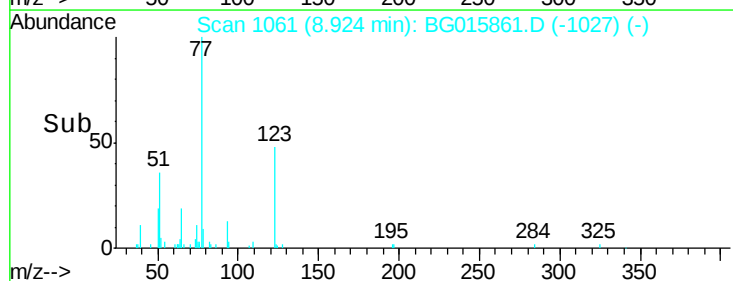
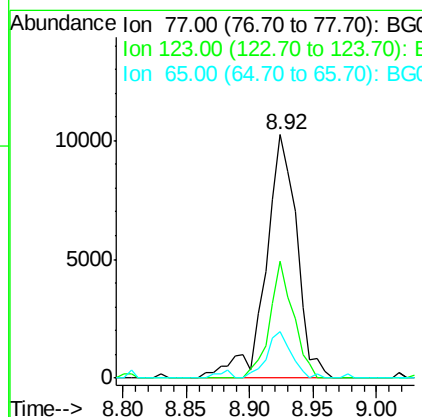
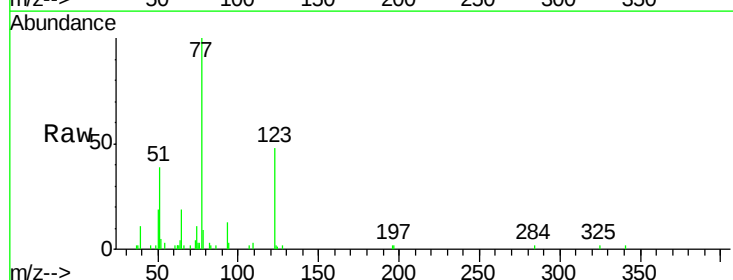
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

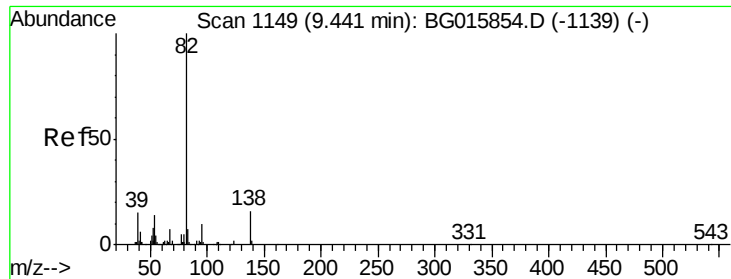
Tgt Ion: 82 Resp: 190738
 Ion Ratio Lower Upper
 82 100
 128 36.2 23.4 35.0#
 54 43.6 32.3 48.5



#24
 Nitrobenzene
 Concen: 7.22 ng
 RT: 8.92 min Scan# 1061
 Delta R.T. 0.00 min
 Lab File: BG015861.D
 Acq: 6 Jan 2015 15:14

Tgt Ion: 77 Resp: 17416
 Ion Ratio Lower Upper
 77 100
 123 48.1 27.0 40.4#
 65 18.9 12.0 18.0#

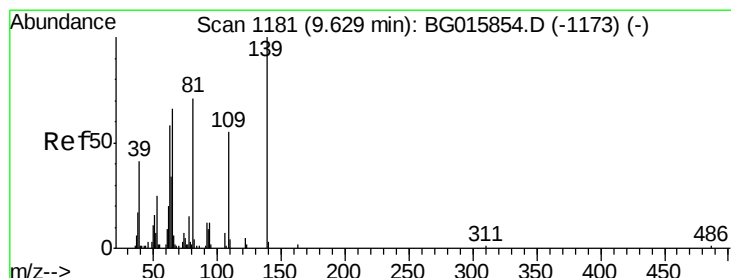
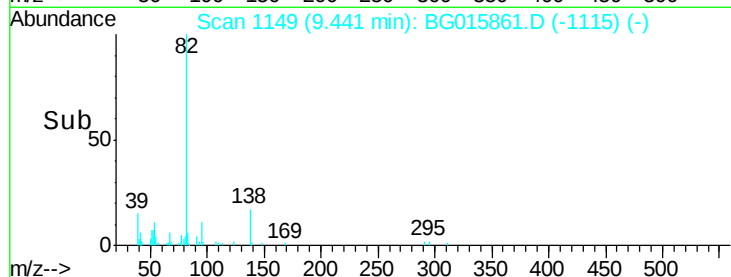
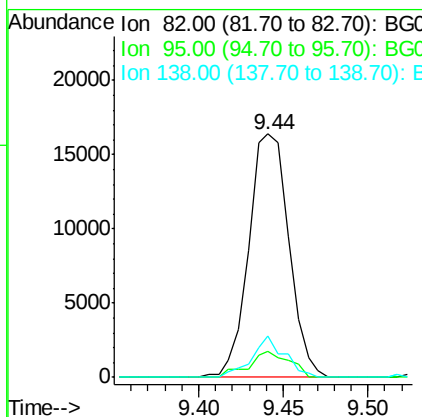
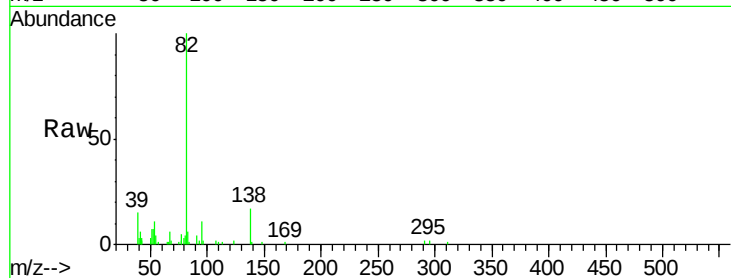




#25
Isophorone
Concen: 6.36 ng
RT: 9.44 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BG015861.D
Acq: 6 Jan 2015 15:14

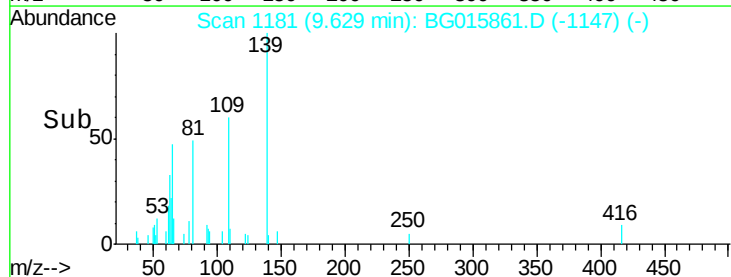
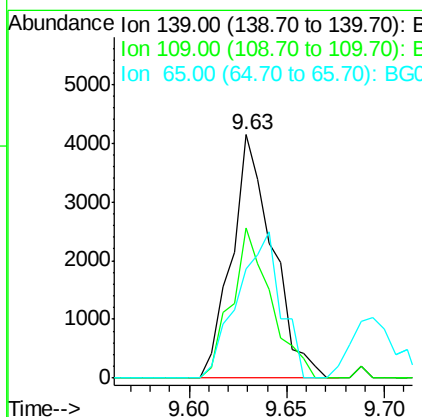
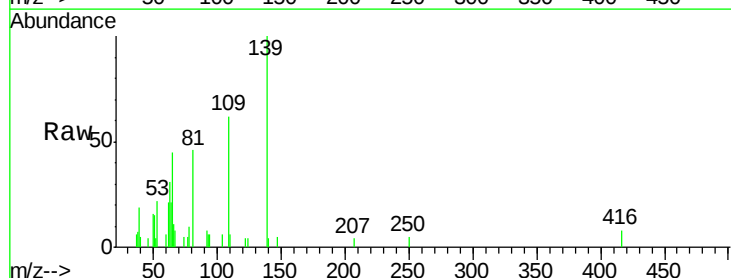
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

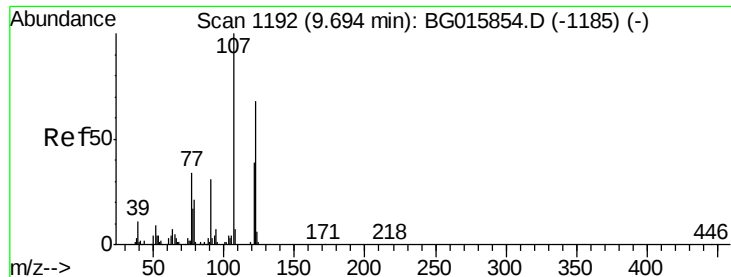
Tgt Ion: 82 Resp: 26983
Ion Ratio Lower Upper
82 100
95 10.9 7.5 11.3
138 17.1 12.6 18.8



#26
2-Nitrophenol
Concen: 6.48 ng
RT: 9.63 min Scan# 1181
Delta R.T. 0.00 min
Lab File: BG015861.D
Acq: 6 Jan 2015 15:14

Tgt Ion: 139 Resp: 5991
Ion Ratio Lower Upper
139 100
109 61.8 47.0 70.4
65 44.9 48.5 72.7#

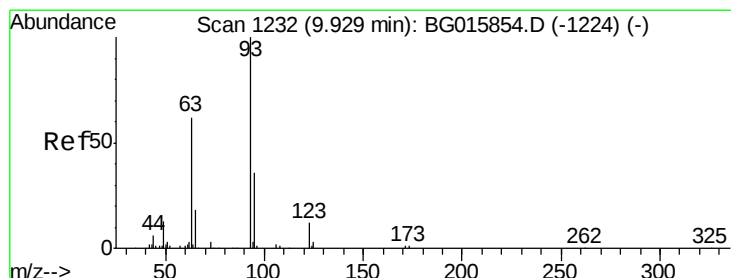
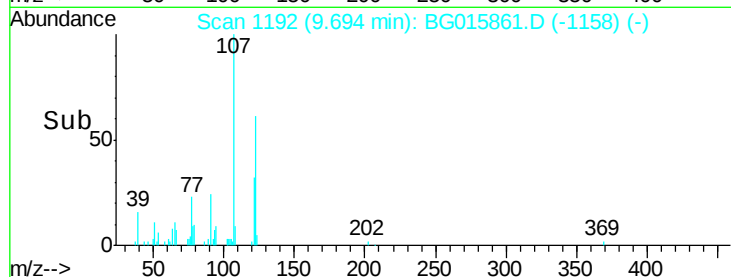
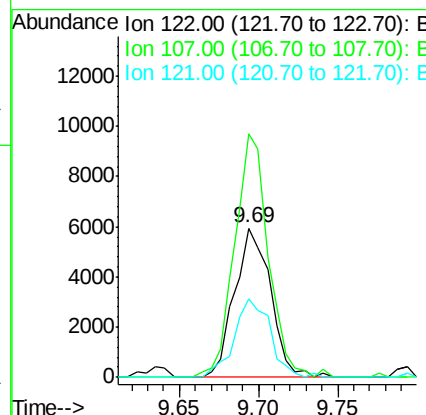
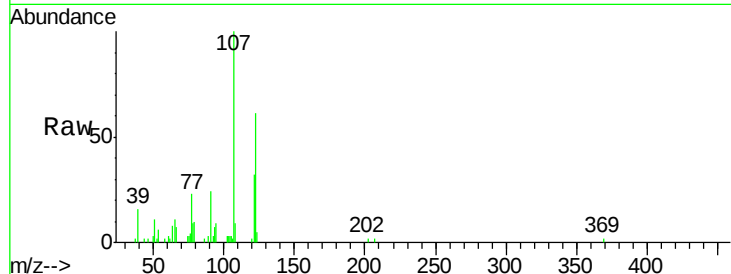




#27
 2,4-Dimethylphenol
 Concen: 6.07 ng
 RT: 9.69 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: BG015861.D
 Acq: 6 Jan 2015 15:14

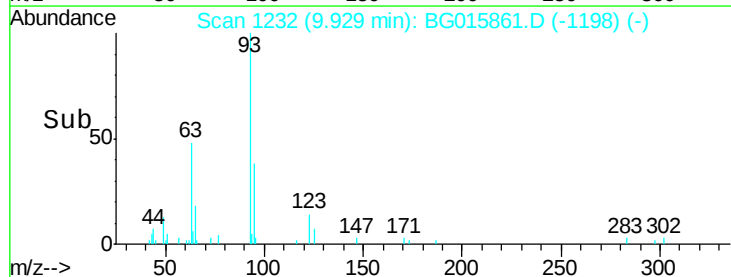
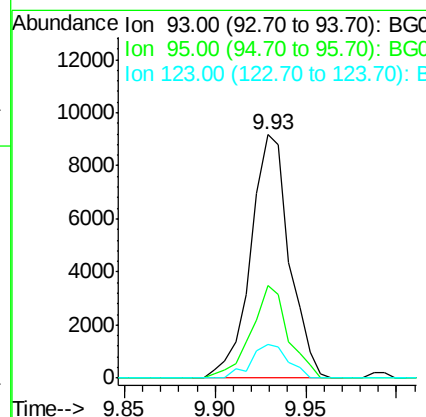
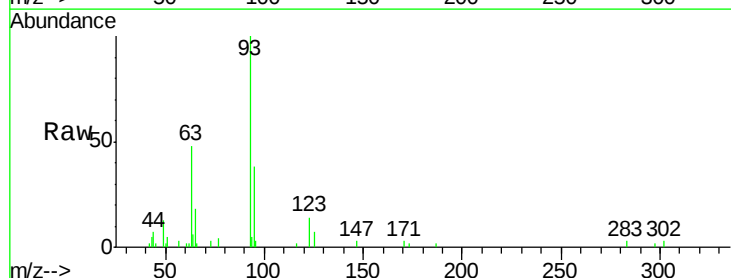
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

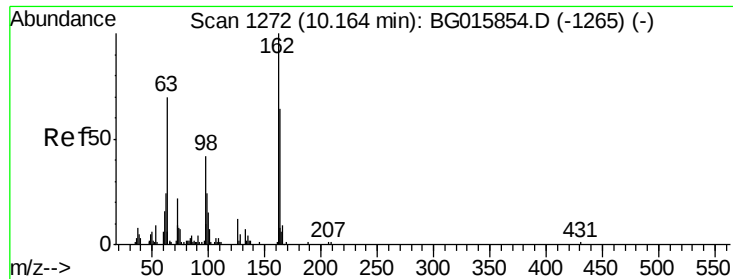
Tgt Ion: 122 Resp: 9388
 Ion Ratio Lower Upper
 122 100
 107 163.4 120.8 181.2
 121 52.4 41.2 61.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 6.49 ng
 RT: 9.93 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: BG015861.D
 Acq: 6 Jan 2015 15:14

Tgt Ion: 93 Resp: 13598
 Ion Ratio Lower Upper
 93 100
 95 38.2 27.5 41.3
 123 13.9 9.1 13.7#

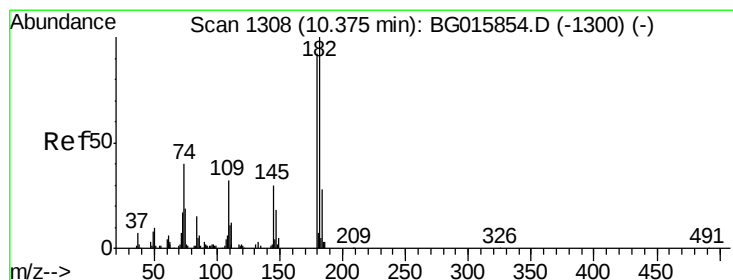
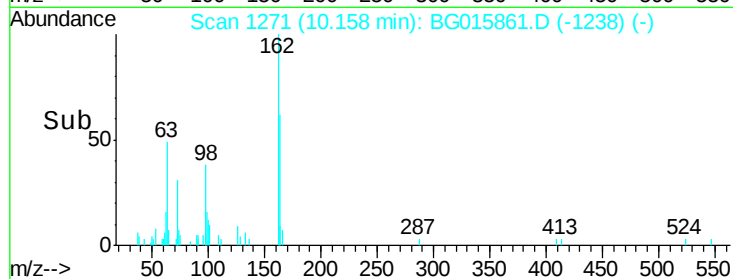
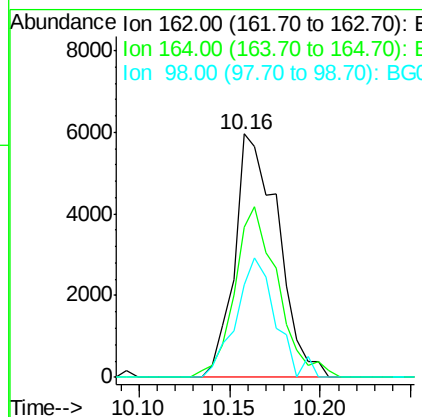
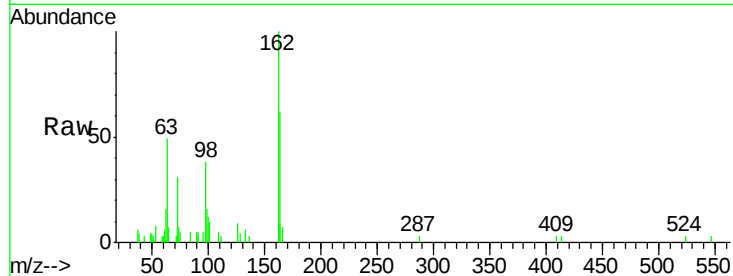




#29
2,4-Dichlorophenol
Concen: 6.42 ng
RT: 10.16 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BG015861.D
Acq: 6 Jan 2015 15:14

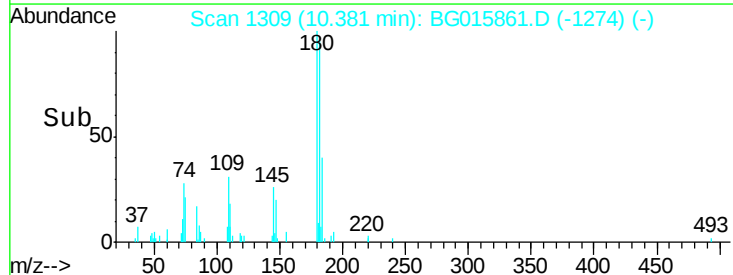
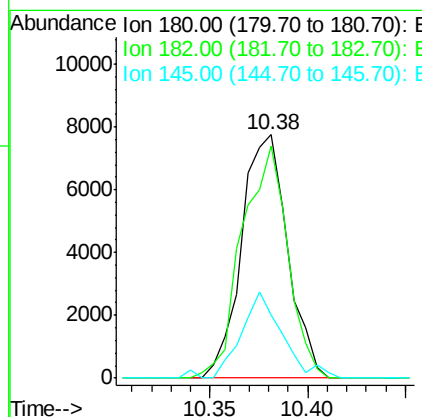
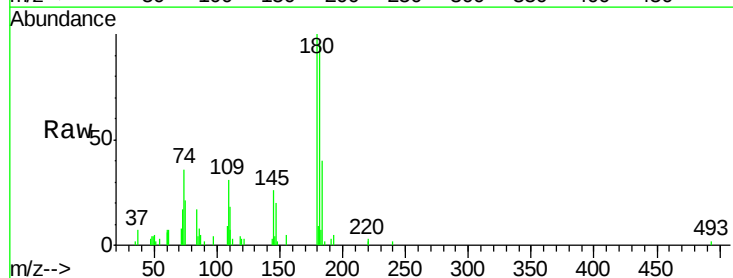
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

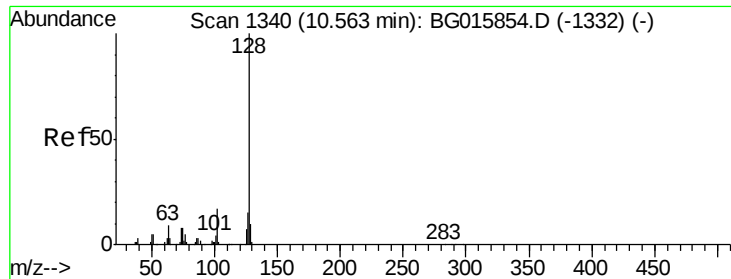
Tgt Ion:162 Resp: 10026
Ion Ratio Lower Upper
162 100
164 61.5 44.0 84.0
98 37.9 24.2 64.2



#30
1,2,4-Trichlorobenzene
Concen: 6.19 ng
RT: 10.38 min Scan# 1309
Delta R.T. 0.01 min
Lab File: BG015861.D
Acq: 6 Jan 2015 15:14

Tgt Ion:180 Resp: 12659
Ion Ratio Lower Upper
180 100
182 95.3 84.8 127.2
145 29.5 22.8 34.2

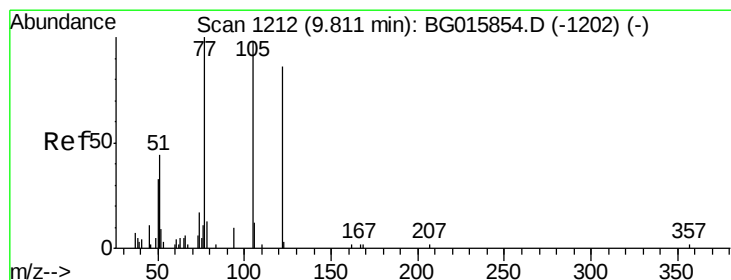
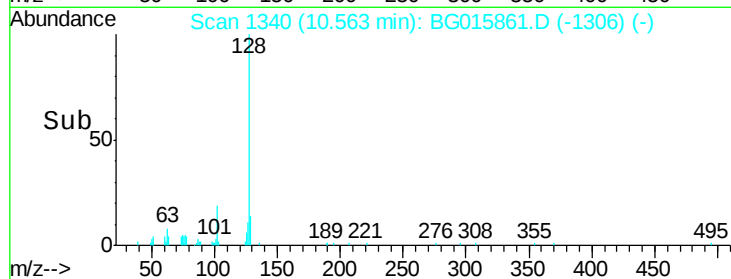
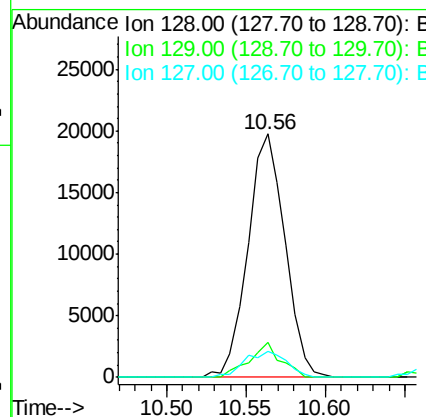
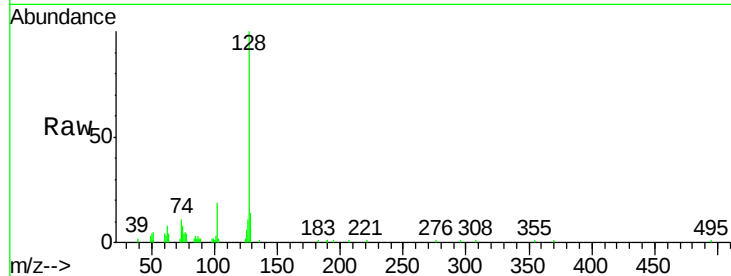




#31
Naphthalene
Concen: 6.44 ng
RT: 10.56 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BG015861.D
Acq: 6 Jan 2015 15:14

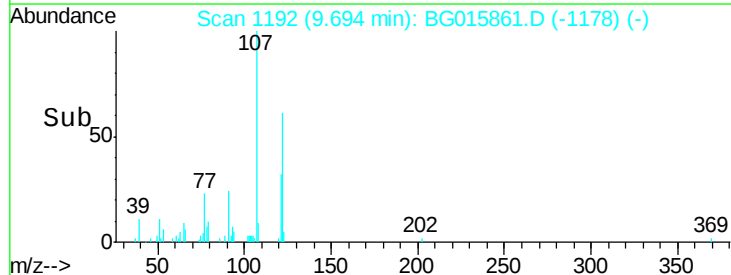
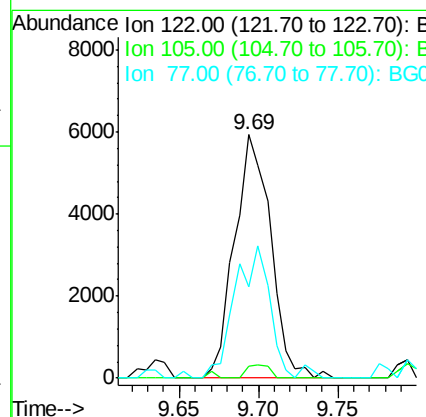
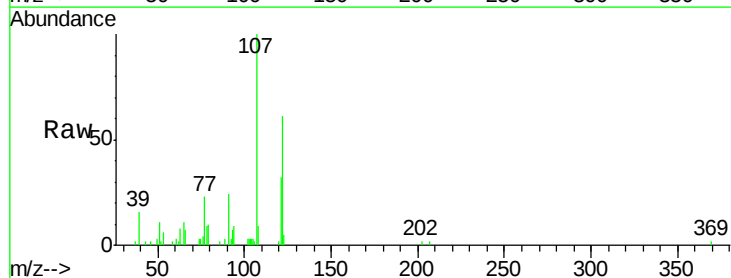
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

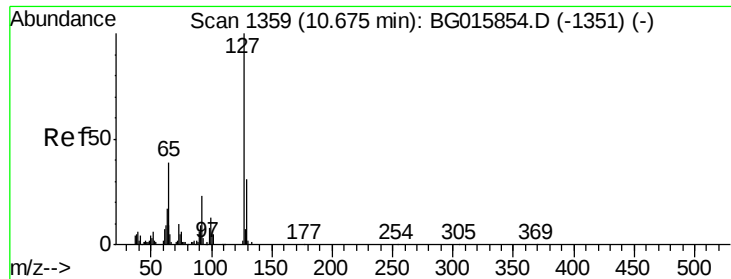
Tgt Ion:128 Resp: 32043
Ion Ratio Lower Upper
128 100
129 14.4 9.4 14.2#
127 10.7 10.6 15.8



#32
Benzoic acid
Concen: 17.73 ng
RT: 9.69 min Scan# 1192
Delta R.T. -0.12 min
Lab File: BG015861.D
Acq: 6 Jan 2015 15:14

Tgt Ion:122 Resp: 9388
Ion Ratio Lower Upper
122 100
105 4.7 123.7 163.7#
77 37.4 92.4 132.4#

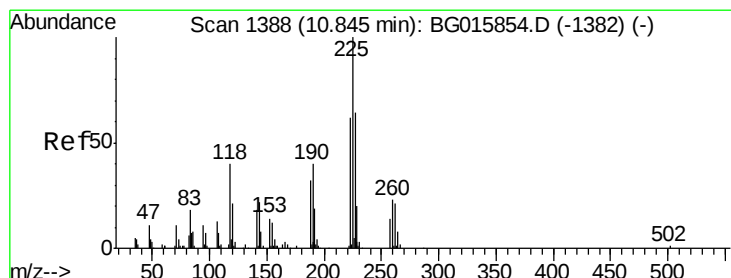
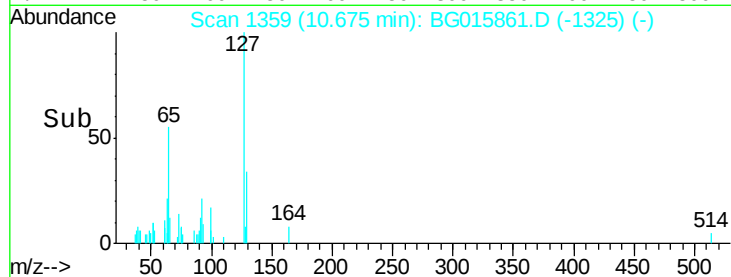
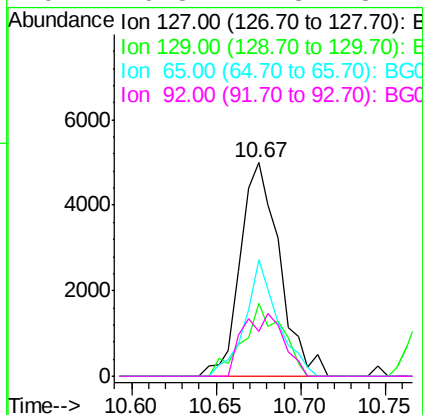
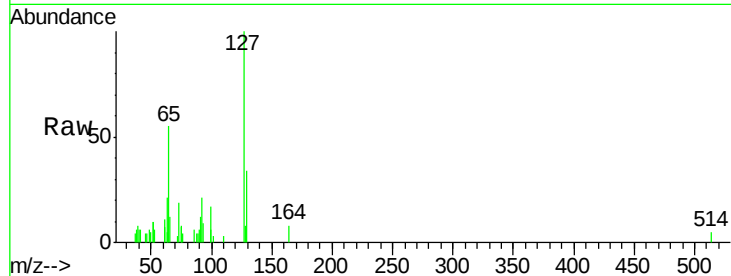




#33
4-Chloroaniline
Concen: 4.01 ng
RT: 10.67 min Scan# 1359
Delta R.T. 0.00 min
Lab File: BG015861.D
Acq: 6 Jan 2015 15:14

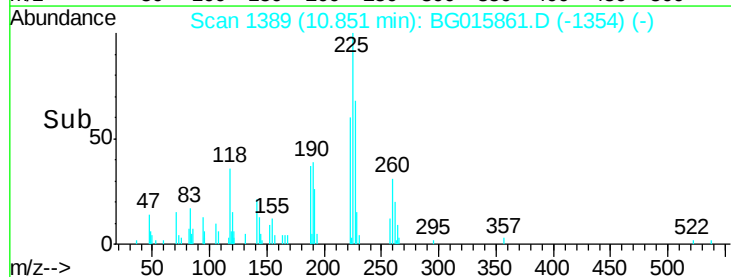
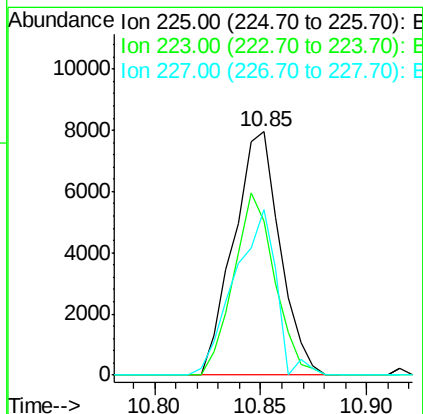
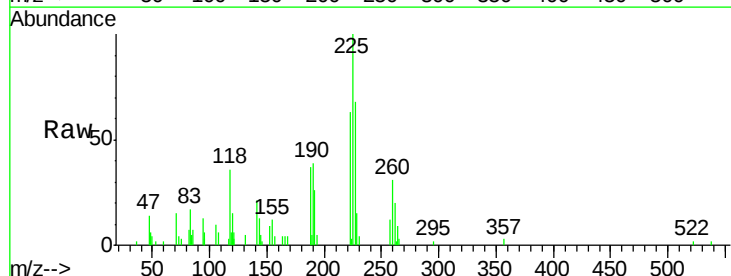
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

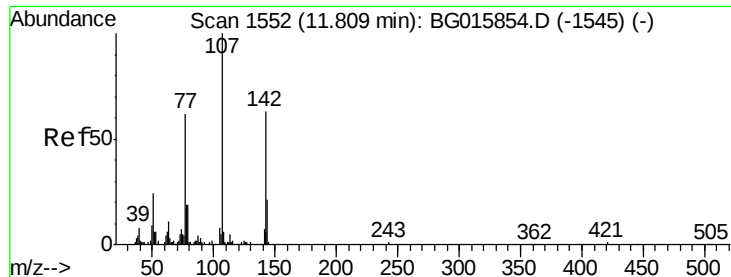
Tgt Ion:	127	Resp:	8124
Ion	Ratio	Lower	Upper
127	100		
129	34.0	25.0	37.6
65	54.6	33.3	49.9#
92	20.8	22.8	34.2#



#34
Hexachlorobutadiene
Concen: 6.37 ng
RT: 10.85 min Scan# 1389
Delta R.T. 0.01 min
Lab File: BG015861.D
Acq: 6 Jan 2015 15:14

Tgt Ion:	225	Resp:	12111
Ion	Ratio	Lower	Upper
225	100		
223	66.0	54.6	81.8
227	68.1	50.4	75.6

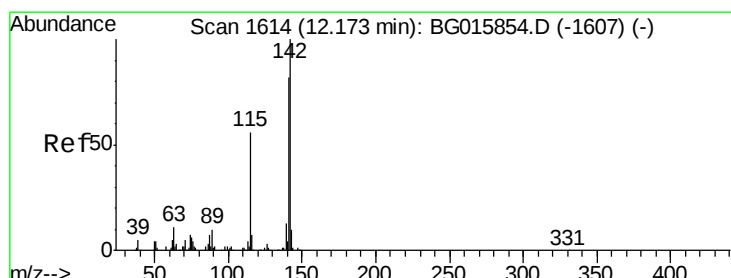
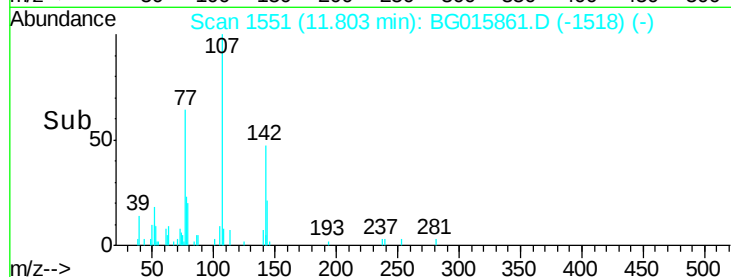
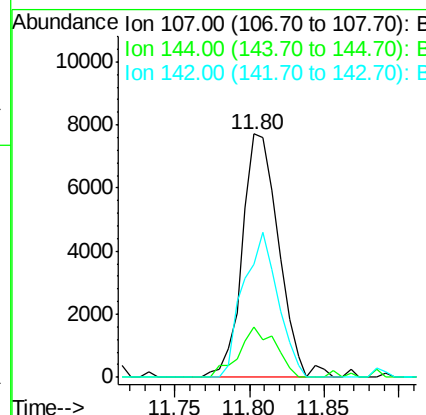
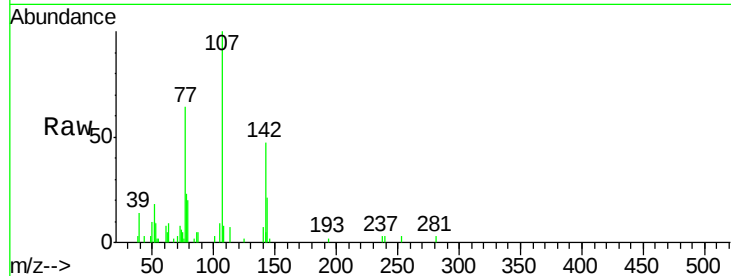




#36
4-Chloro-3-methylphenol
Concen: 6.38 ng
RT: 11.80 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BG015861.D
Acq: 6 Jan 2015 15:14

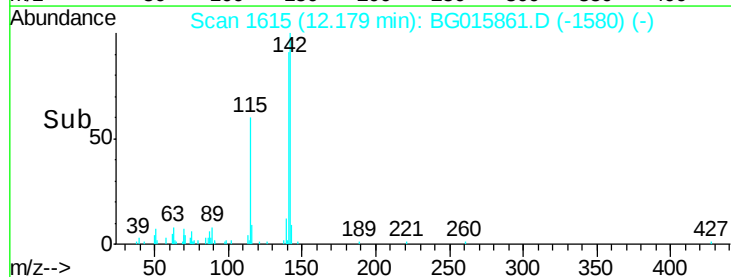
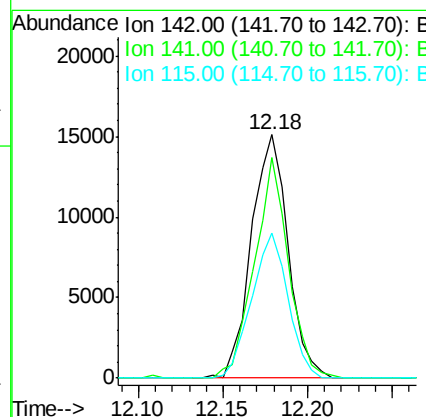
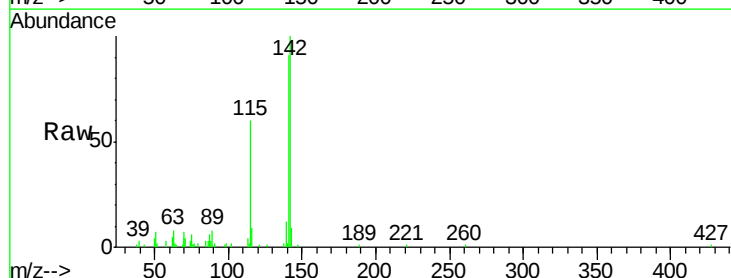
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

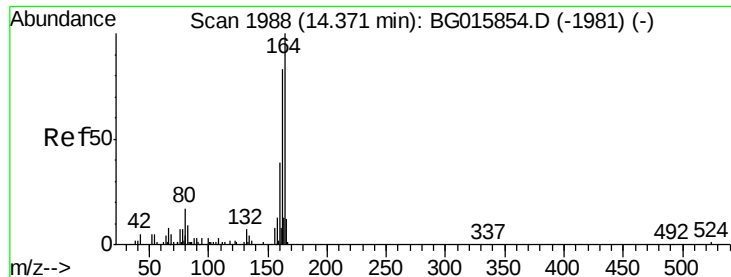
Tgt Ion:107 Resp: 12989
Ion Ratio Lower Upper
107 100
144 19.0 18.2 27.2
142 43.1 54.7 82.1#



#37
2-Methylnaphthalene
Concen: 6.12 ng
RT: 12.18 min Scan# 1615
Delta R.T. 0.01 min
Lab File: BG015861.D
Acq: 6 Jan 2015 15:14

Tgt Ion:142 Resp: 22792
Ion Ratio Lower Upper
142 100
141 90.7 67.3 100.9
115 59.7 44.3 66.5





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.36 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BG015861.D

Acq: 6 Jan 2015 15:14

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

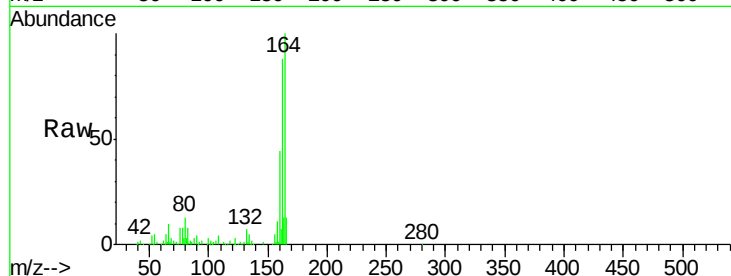
Tgt Ion:164 Resp: 73811

Ion Ratio Lower Upper

164 100

162 87.9 75.5 113.3

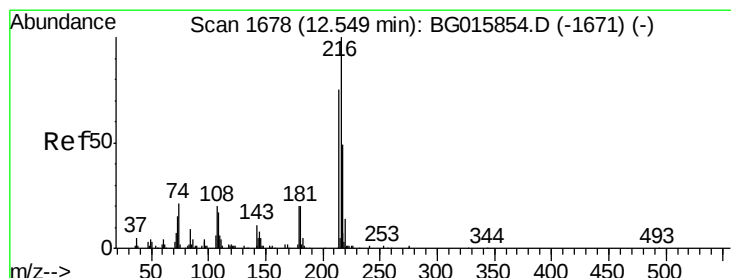
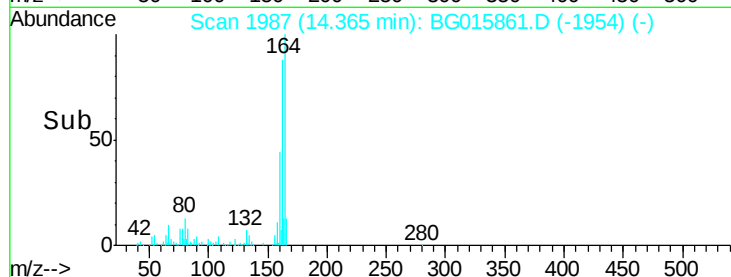
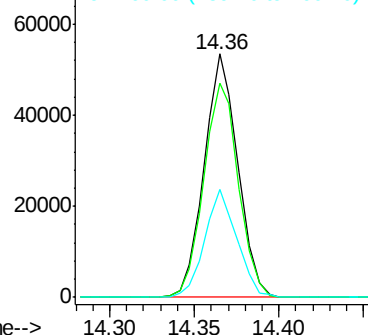
160 44.3 37.4 56.0



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



#39

1,2,4,5-Tetrachlorobenzene

Concen: 6.70 ng

RT: 12.55 min Scan# 1678

Delta R.T. 0.00 min

Lab File: BG015861.D

Acq: 6 Jan 2015 15:14

Tgt Ion:216 Resp: 18399

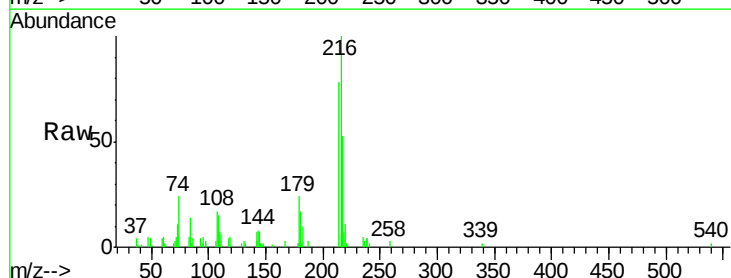
Ion Ratio Lower Upper

216 100

214 72.0 61.5 92.3

179 17.8 15.8 23.8

108 18.9 17.8 26.6

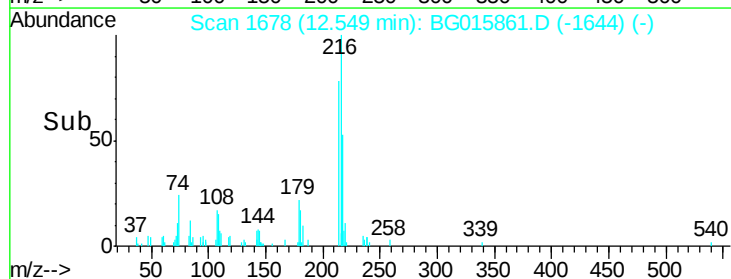
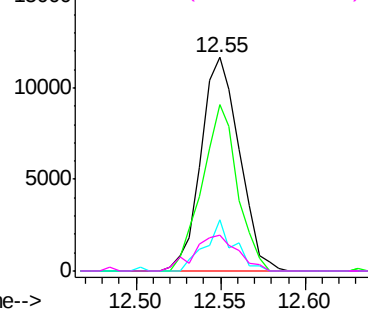


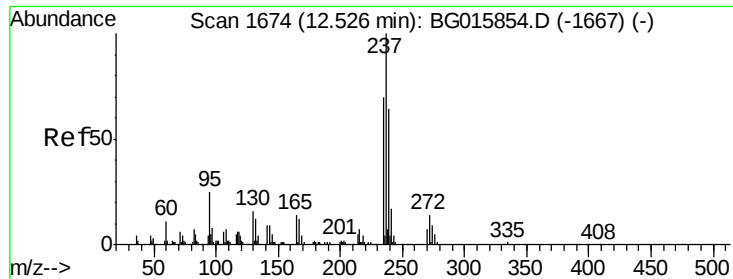
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

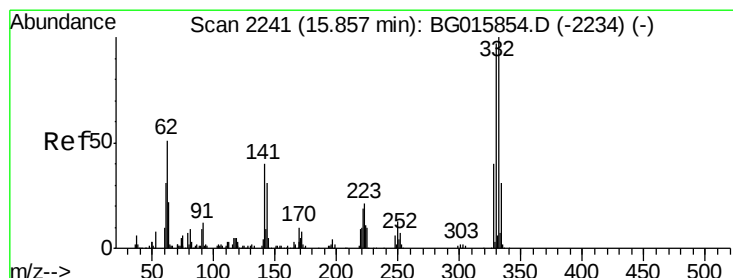
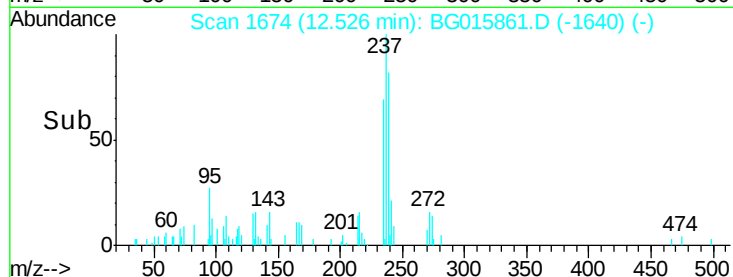
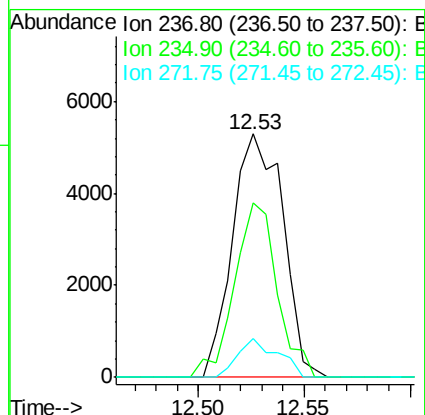
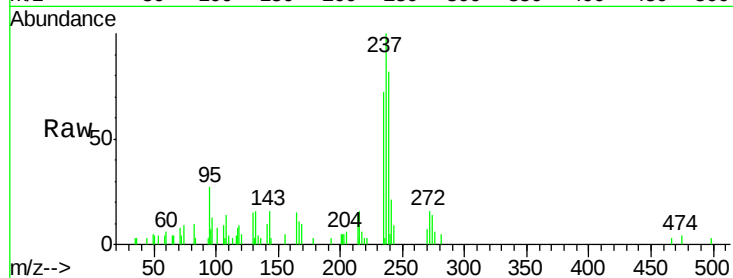




#40
Hexachlorocyclopentadiene
Concen: 6.95 ng
RT: 12.53 min Scan# 1674
Delta R.T. 0.00 min
Lab File: BG015861.D
Acq: 6 Jan 2015 15:14

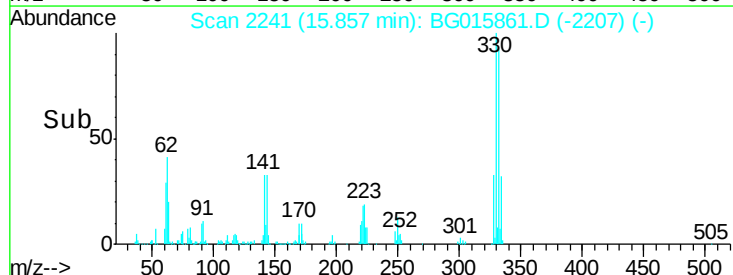
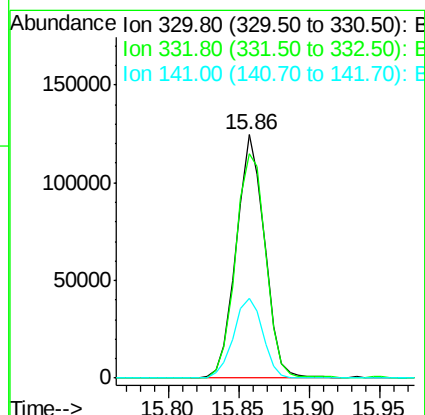
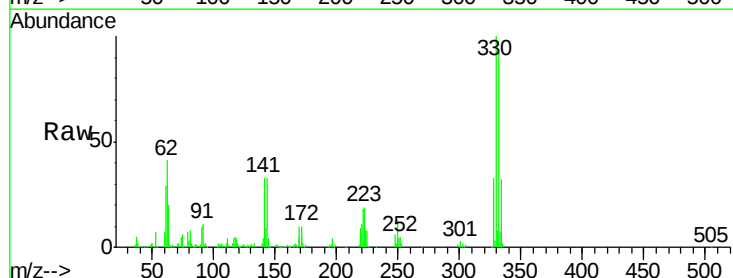
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

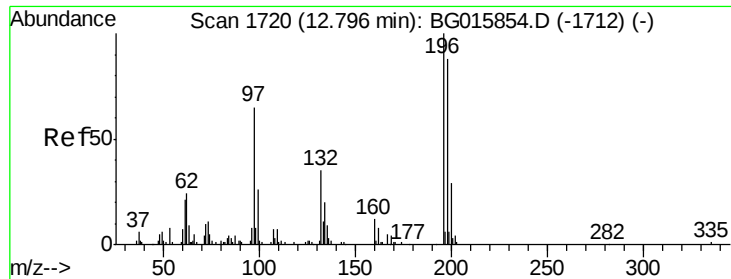
Tgt Ion: 237 Resp: 8741
Ion Ratio Lower Upper
237 100
235 75.2 43.2 83.2
272 15.8 0.0 31.1



#41
2,4,6-Tribromophenol
Concen: 62.35 ng
RT: 15.86 min Scan# 2241
Delta R.T. 0.00 min
Lab File: BG015861.D
Acq: 6 Jan 2015 15:14

Tgt Ion: 330 Resp: 174930
Ion Ratio Lower Upper
330 100
332 98.0 73.8 110.8
141 33.9 27.2 40.8

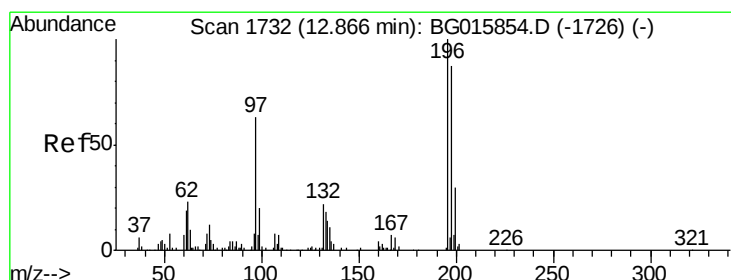
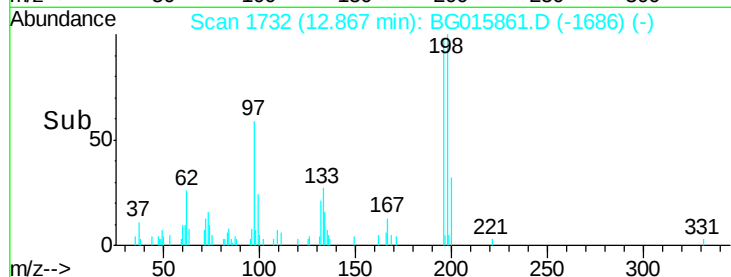
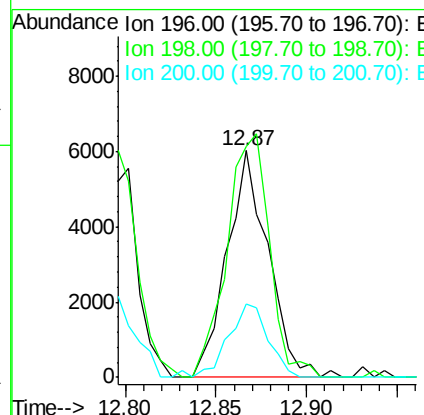
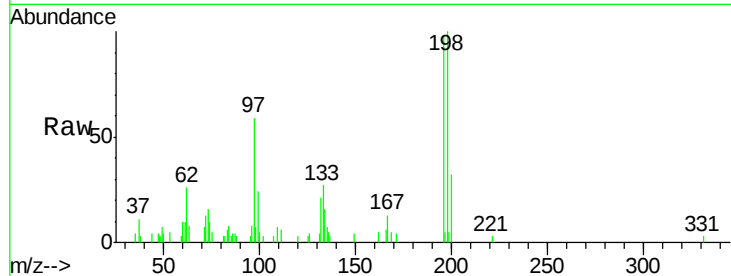




#42
 2,4,6-Trichlorophenol
 Concen: 5.65 ng
 RT: 12.87 min Scan# 1732
 Delta R.T. 0.07 min
 Lab File: BG015861.D
 Acq: 6 Jan 2015 15:14

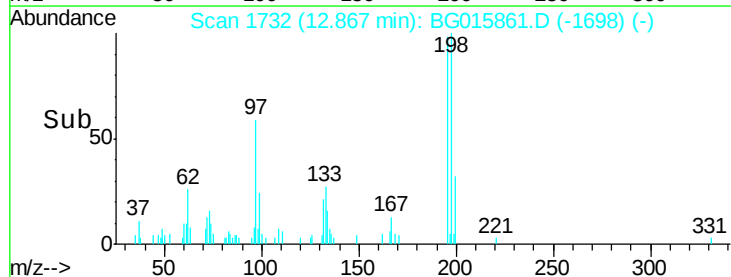
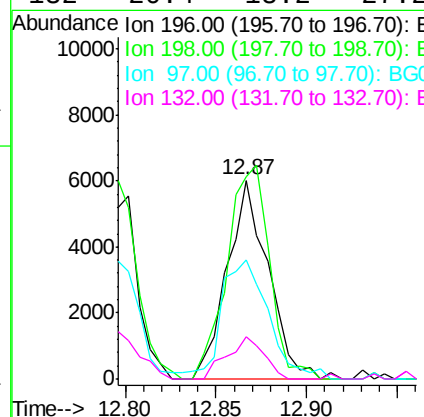
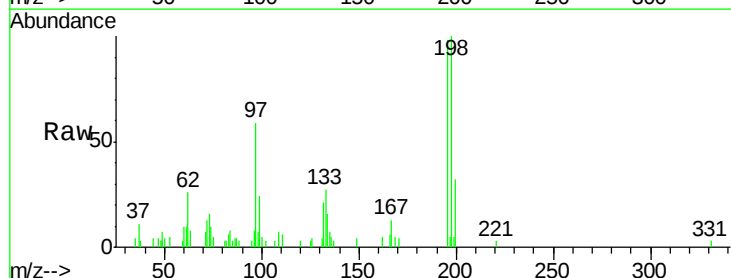
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

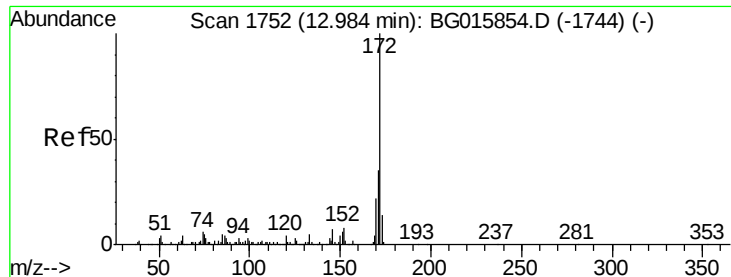
Tgt Ion:196 Resp: 9526
 Ion Ratio Lower Upper
 196 100
 198 100.9 80.2 120.4
 200 30.9 26.7 40.1



#43
 2,4,5-Trichlorophenol
 Concen: 5.16 ng
 RT: 12.87 min Scan# 1732
 Delta R.T. 0.00 min
 Lab File: BG015861.D
 Acq: 6 Jan 2015 15:14

Tgt Ion:196 Resp: 9526
 Ion Ratio Lower Upper
 196 100
 198 100.9 76.2 114.4
 97 56.8 49.6 74.4
 132 20.4 18.2 27.2





#44

2-Fluorobiphenyl

Concen: 40.07 ng

RT: 12.99 min Scan# 1753

Delta R.T. 0.01 min

Lab File: BG015861.D

Acq: 6 Jan 2015 15:14

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

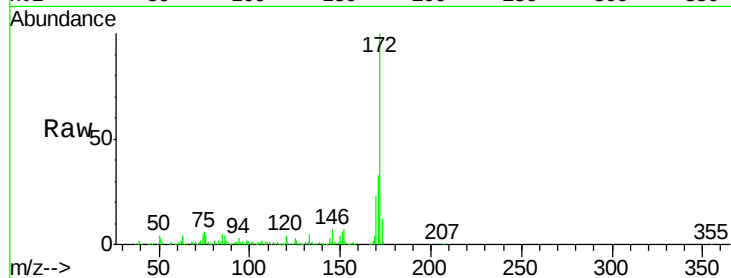
Tgt Ion:172 Resp: 414085

Ion Ratio Lower Upper

172 100

171 32.8 28.6 43.0

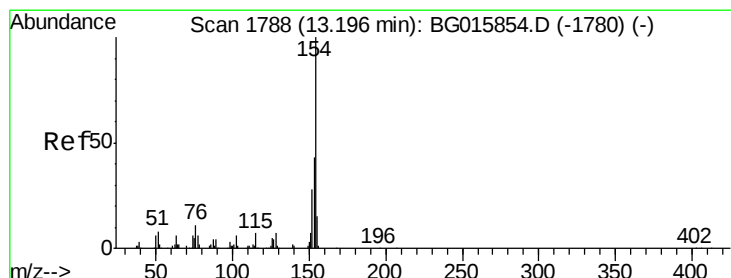
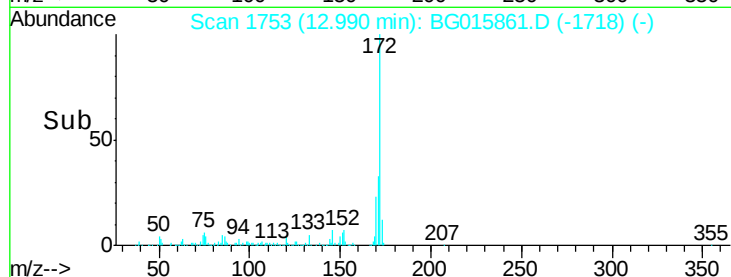
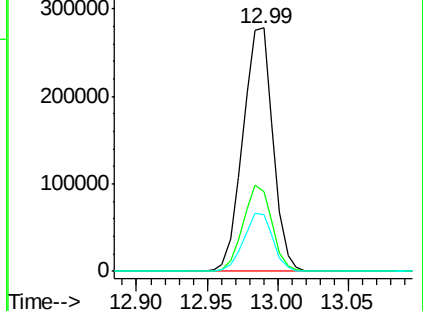
170 23.4 18.2 27.4



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



#45

1,1'-Biphenyl

Concen: 6.26 ng

RT: 13.20 min Scan# 1788

Delta R.T. 0.00 min

Lab File: BG015861.D

Acq: 6 Jan 2015 15:14

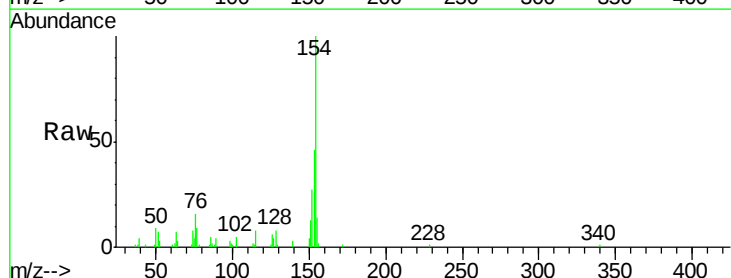
Tgt Ion:154 Resp: 32999

Ion Ratio Lower Upper

154 100

153 46.2 20.9 60.9

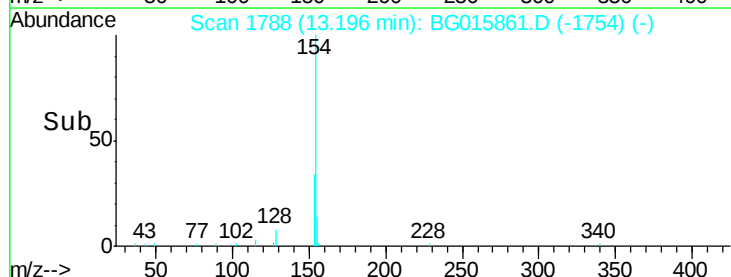
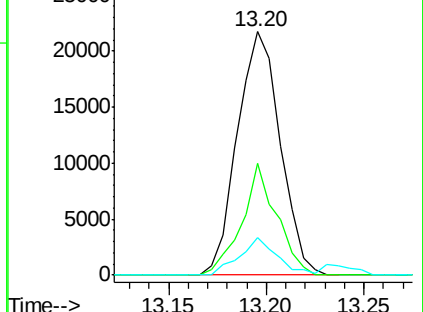
76 15.6 0.0 30.6

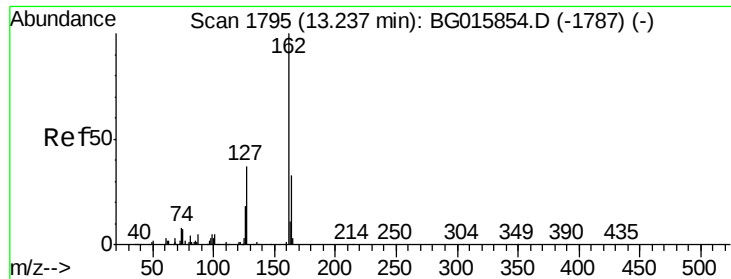


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC

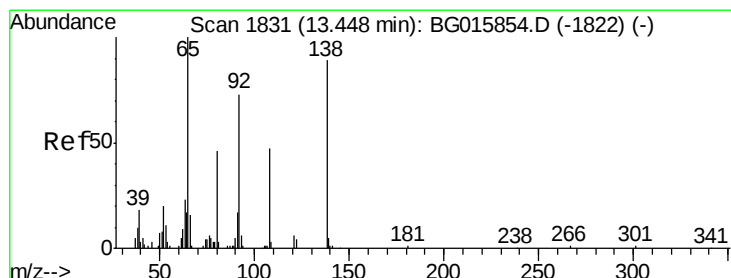
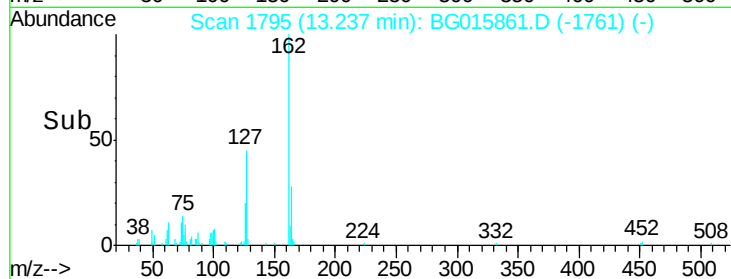
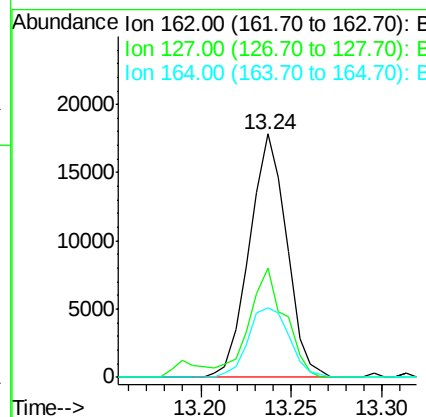
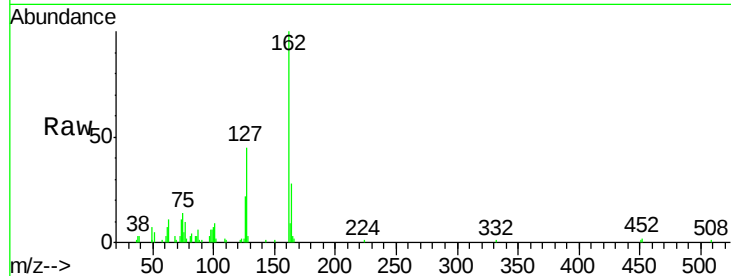




#46
2-Chloronaphthalene
Concen: 6.07 ng
RT: 13.24 min Scan# 1795
Delta R.T. 0.00 min
Lab File: BG015861.D
Acq: 6 Jan 2015 15:14

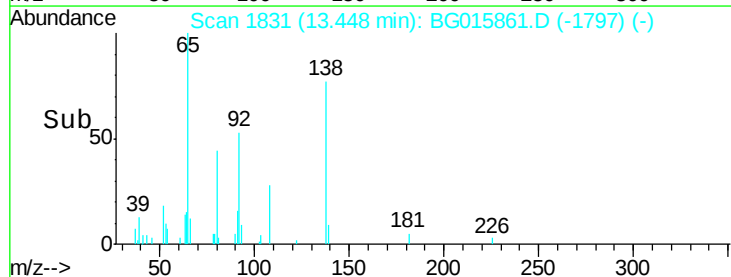
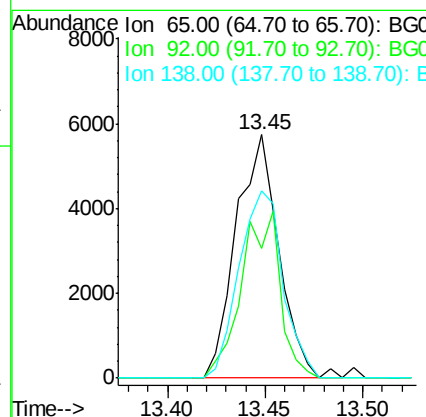
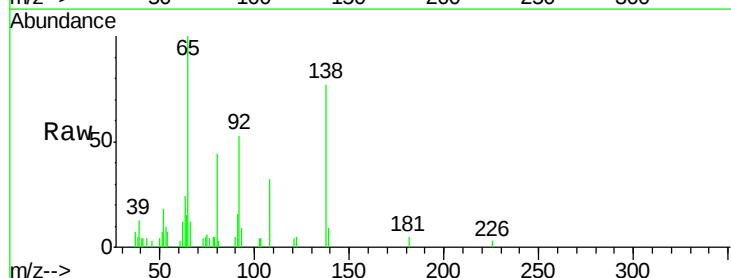
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

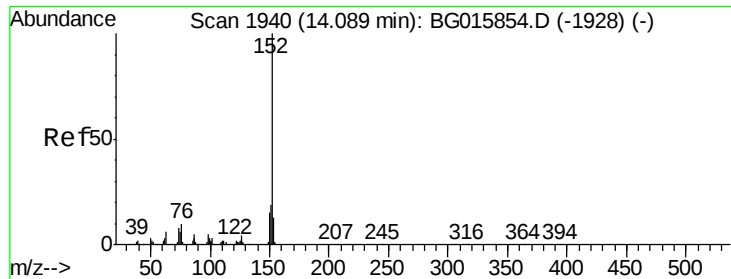
Tgt Ion: 162 Resp: 25493
Ion Ratio Lower Upper
162 100
127 45.0 35.5 53.3
164 28.5 26.1 39.1



#47
2-Nitroaniline
Concen: 6.33 ng
RT: 13.45 min Scan# 1831
Delta R.T. 0.00 min
Lab File: BG015861.D
Acq: 6 Jan 2015 15:14

Tgt Ion: 65 Resp: 8698
Ion Ratio Lower Upper
65 100
92 53.1 54.6 81.8#
138 77.0 68.4 102.6





#48

Acenaphthylene

Concen: 6.02 ng

RT: 14.09 min Scan# 1940

Delta R.T. 0.00 min

Lab File: BG015861.D

Acq: 6 Jan 2015 15:14

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

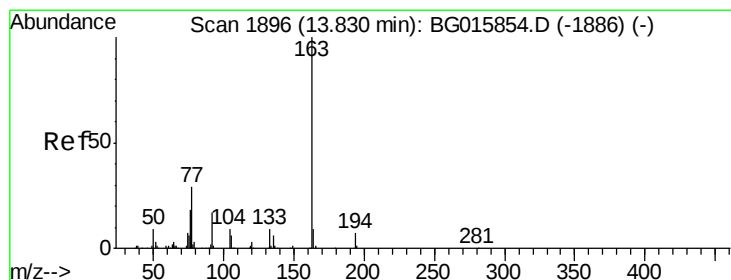
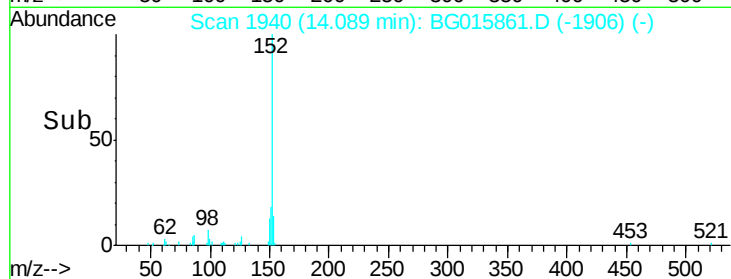
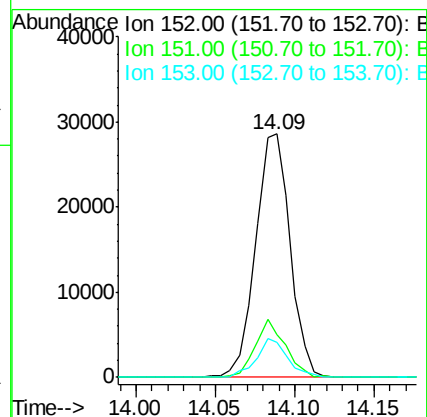
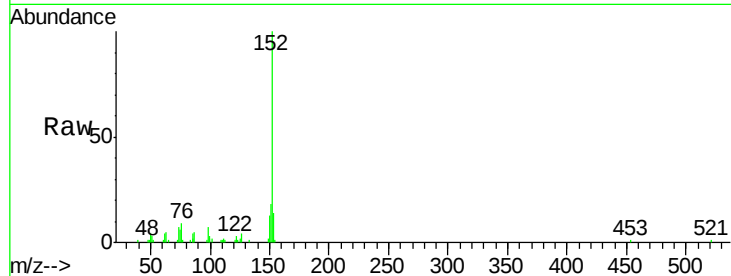
Tgt Ion:152 Resp: 43236

Ion Ratio Lower Upper

152 100

151 17.7 17.1 25.7

153 14.3 11.3 16.9



#49

Dimethylphthalate

Concen: 6.29 ng

RT: 13.82 min Scan# 1895

Delta R.T. -0.01 min

Lab File: BG015861.D

Acq: 6 Jan 2015 15:14

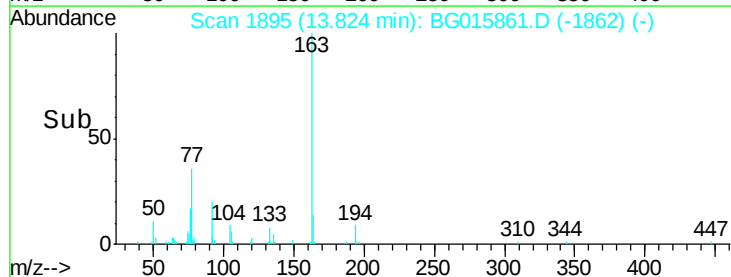
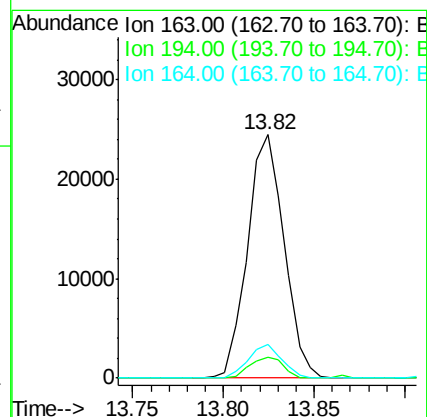
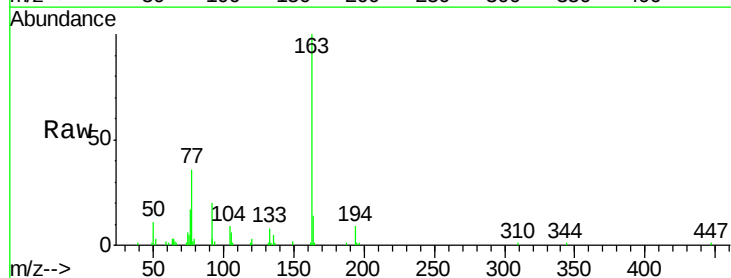
Tgt Ion:163 Resp: 34273

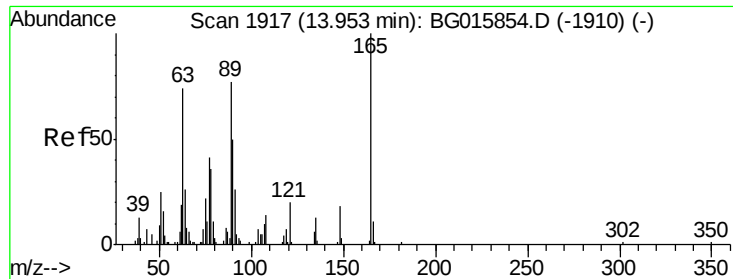
Ion Ratio Lower Upper

163 100

194 8.5 6.7 10.1

164 13.8 7.4 11.0#

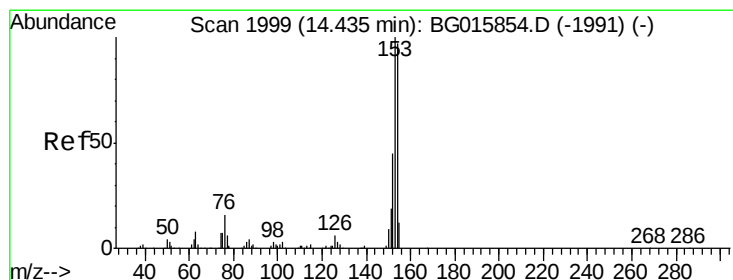
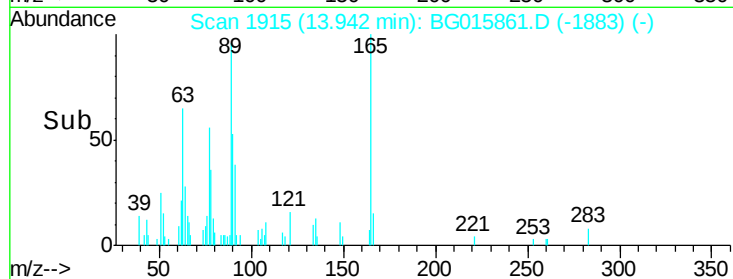
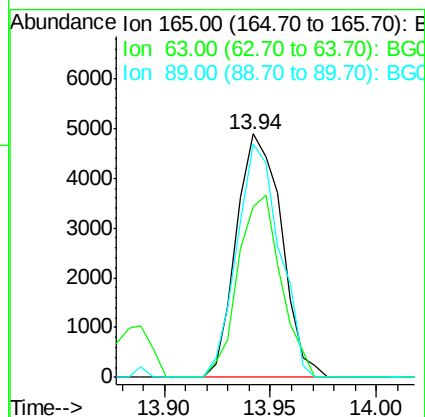
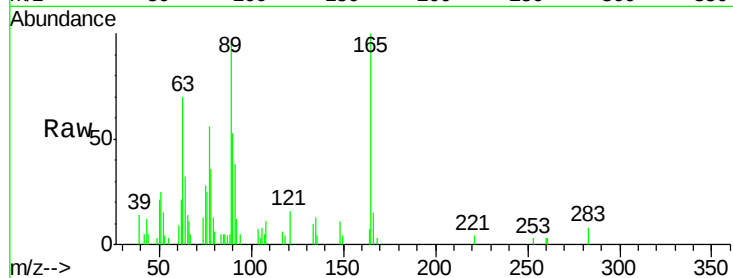




#50
2,6-Dinitrotoluene
Concen: 6.16 ng
RT: 13.94 min Scan# 1915
Delta R.T. -0.01 min
Lab File: BG015861.D
Acq: 6 Jan 2015 15:14

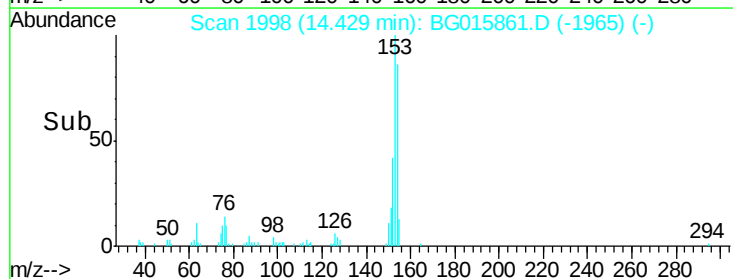
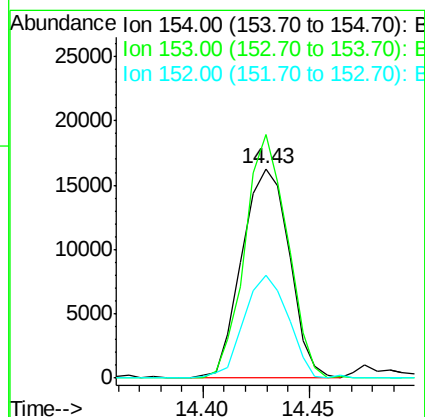
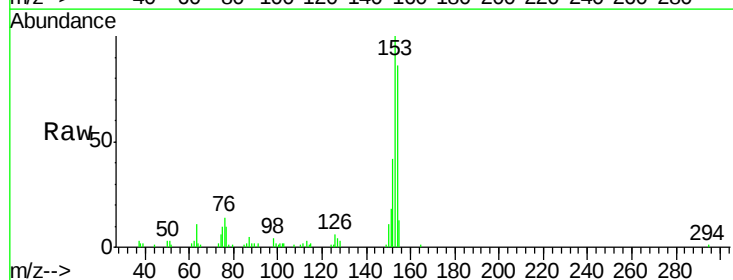
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

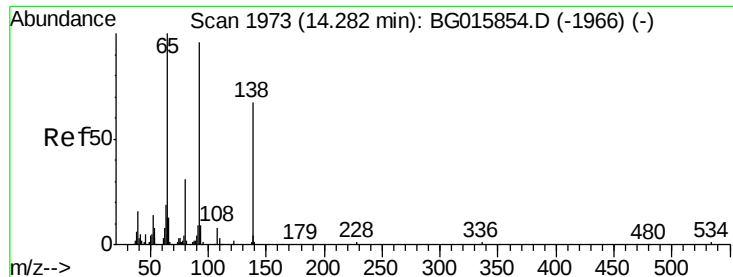
Tgt Ion:165 Resp: 7229
Ion Ratio Lower Upper
165 100
63 70.3 55.9 83.9
89 95.8 69.4 104.2



#51
Acenaphthene
Concen: 6.02 ng
RT: 14.43 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BG015861.D
Acq: 6 Jan 2015 15:14

Tgt Ion:154 Resp: 25394
Ion Ratio Lower Upper
154 100
153 116.3 94.1 141.1
152 49.1 42.6 63.8





#52

3-Nitroaniline

Concen: 4.20 ng

RT: 14.27 min Scan# 1971

Delta R.T. -0.01 min

Lab File: BG015861.D

Acq: 6 Jan 2015 15:14

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

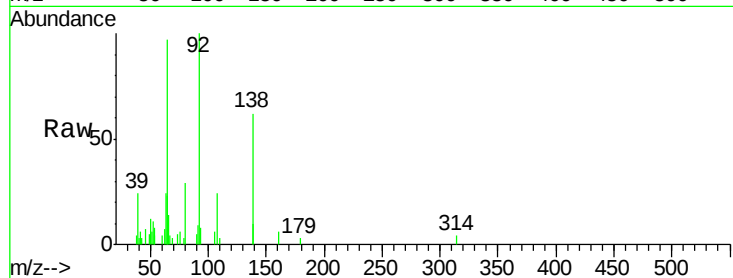
Tgt Ion:138 Resp: 4692

Ion Ratio Lower Upper

138 100

108 39.3 11.9 17.9#

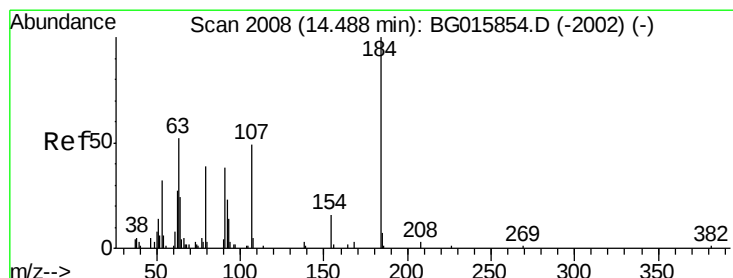
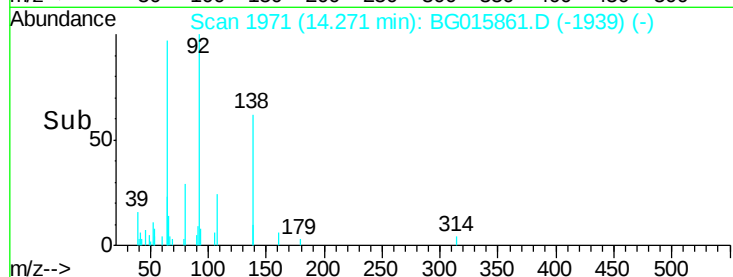
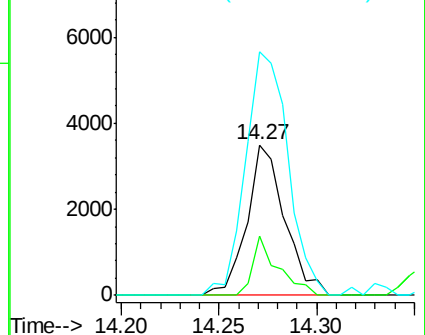
92 162.1 103.7 155.5#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#53

2,4-Dinitrophenol

Concen: 11.61 ng

RT: 14.50 min Scan# 2010

Delta R.T. 0.01 min

Lab File: BG015861.D

Acq: 6 Jan 2015 15:14

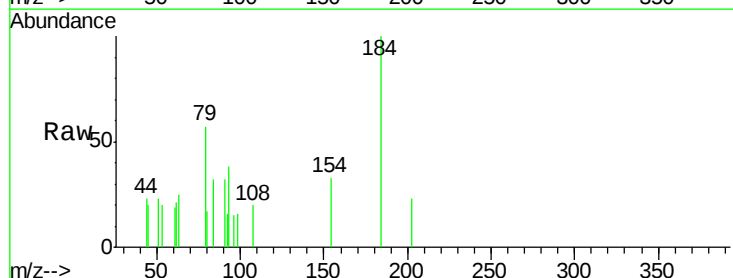
Tgt Ion:184 Resp: 1595

Ion Ratio Lower Upper

184 100

63 25.3 47.3 70.9#

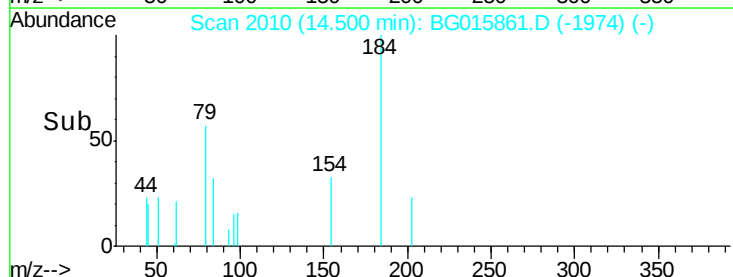
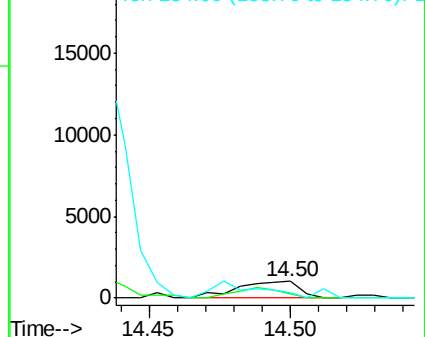
154 33.3 56.9 85.3#

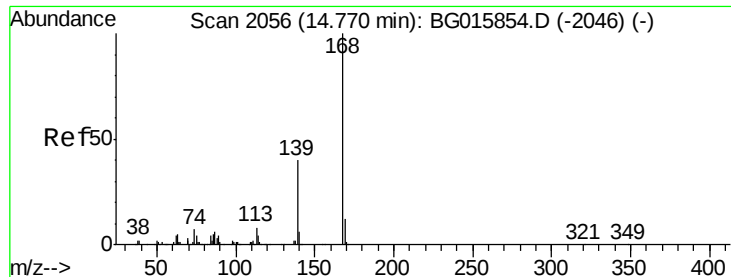


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 6.20 ng

RT: 14.76 min Scan# 2055

Delta R.T. -0.01 min

Lab File: BG015861.D

Acq: 6 Jan 2015 15:14

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

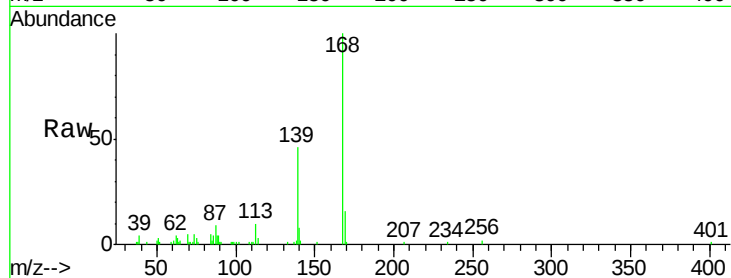
Tgt Ion:168 Resp: 42414

Ion Ratio Lower Upper

168 100

139 46.2 34.3 51.5

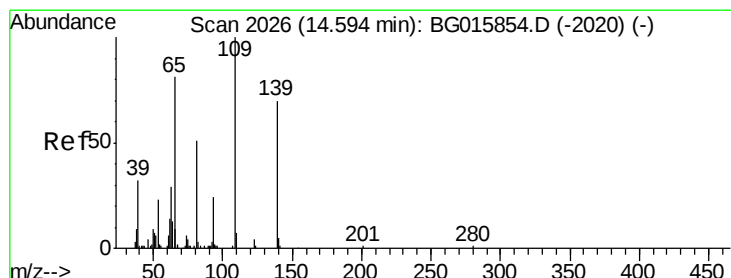
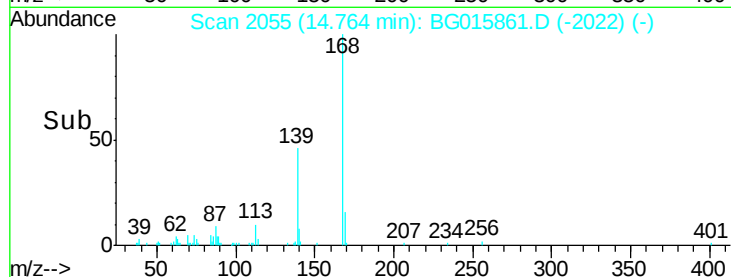
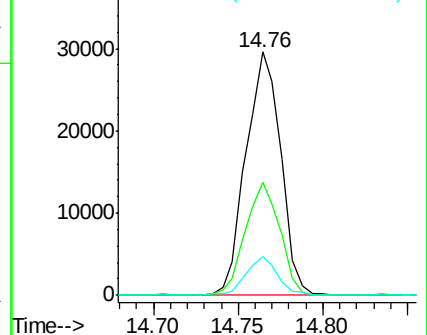
169 16.1 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 5.37 ng

RT: 14.59 min Scan# 2026

Delta R.T. 0.00 min

Lab File: BG015861.D

Acq: 6 Jan 2015 15:14

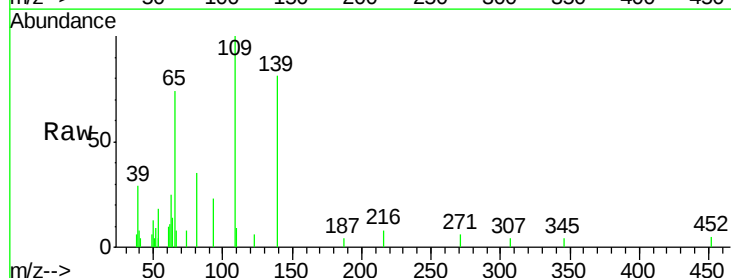
Tgt Ion:139 Resp: 4940

Ion Ratio Lower Upper

139 100

109 124.2 144.0 184.0#

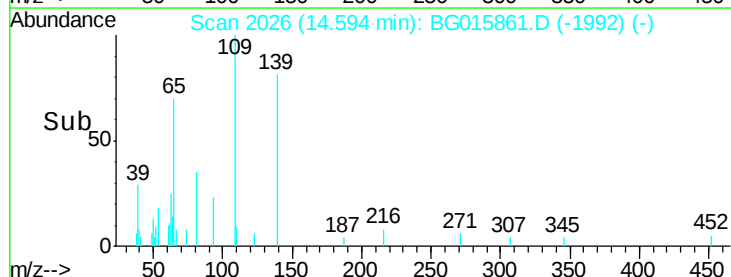
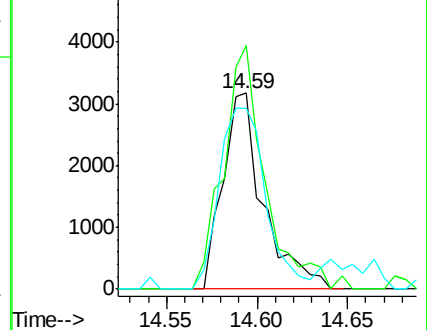
65 92.3 115.4 155.4#

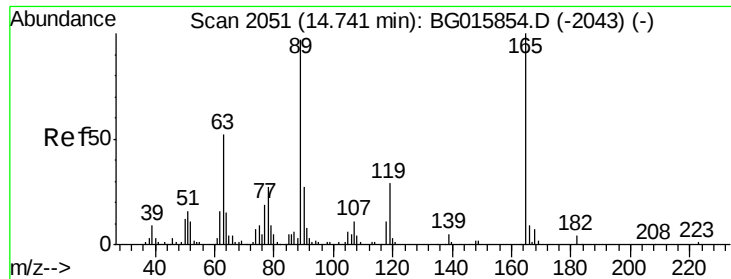


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

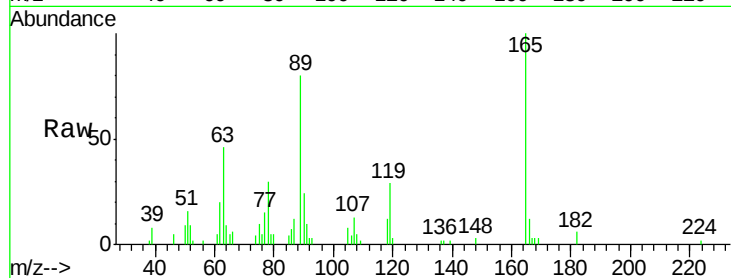




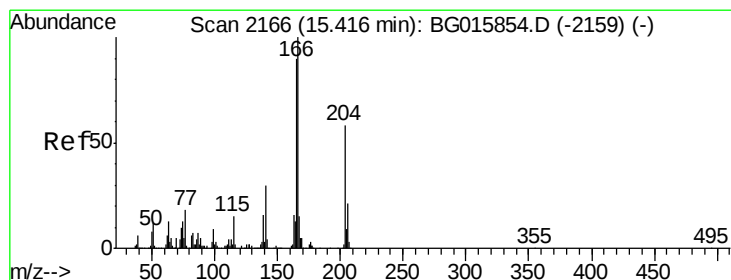
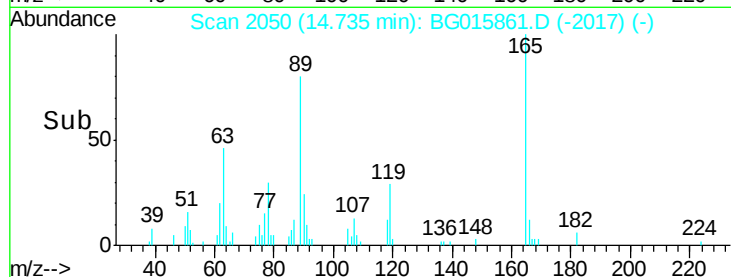
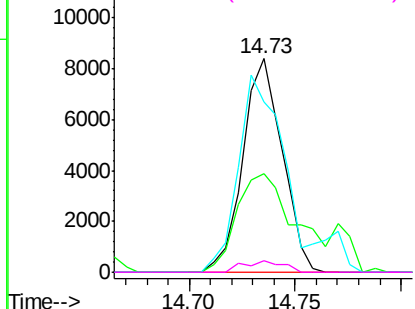
#56
2,4-Dinitrotoluene
Concen: 6.45 ng
RT: 14.73 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BG015861.D
Acq: 6 Jan 2015 15:14

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:165 Resp: 10916
Ion Ratio Lower Upper
165 100
63 46.0 37.9 56.9
89 79.6 78.9 118.3
182 5.6 4.4 6.6

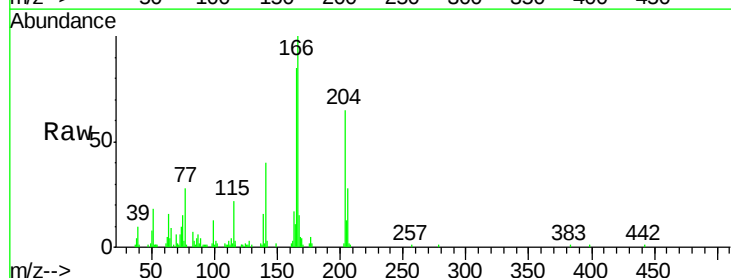


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

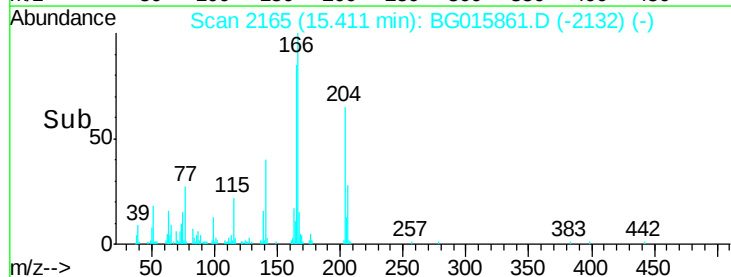
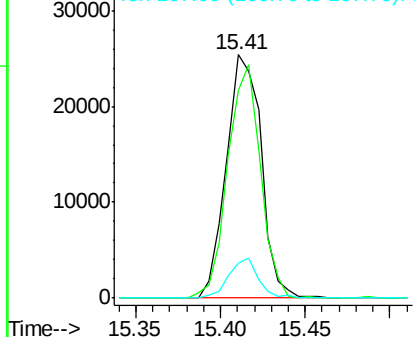


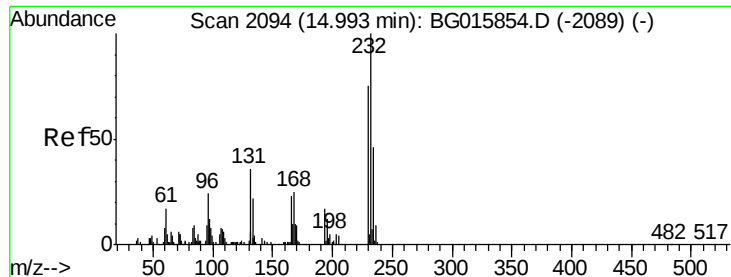
#57
Fluorene
Concen: 6.54 ng
RT: 15.41 min Scan# 2165
Delta R.T. -0.01 min
Lab File: BG015861.D
Acq: 6 Jan 2015 15:14

Tgt Ion:166 Resp: 36457
Ion Ratio Lower Upper
166 100
165 85.4 77.7 116.5
167 14.6 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

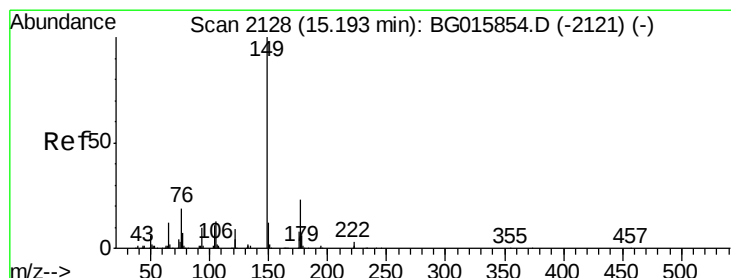
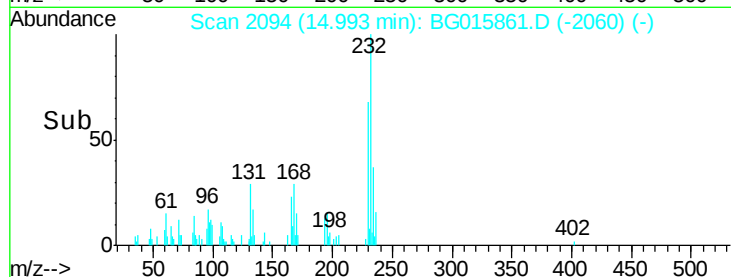
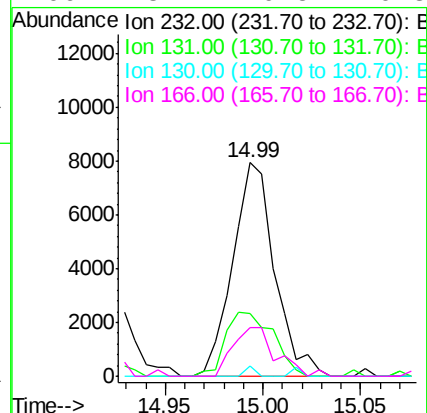
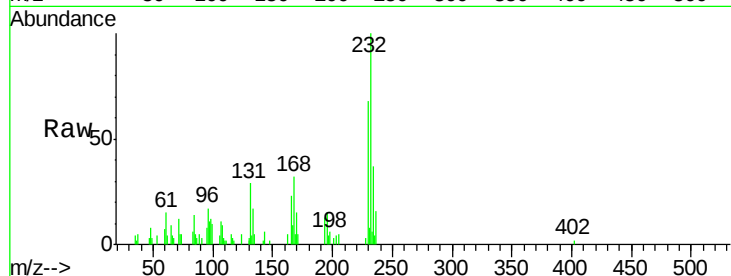




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 5.67 ng
 RT: 14.99 min Scan# 2094
 Delta R.T. 0.00 min
 Lab File: BG015861.D
 Acq: 6 Jan 2015 15:14

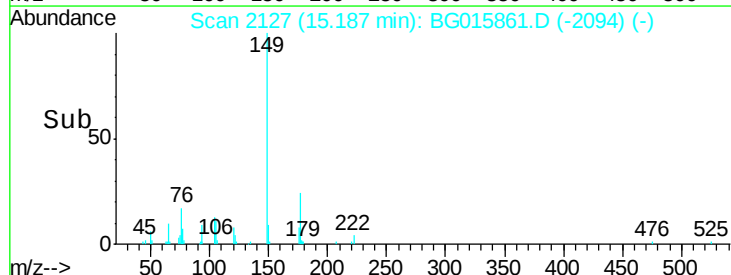
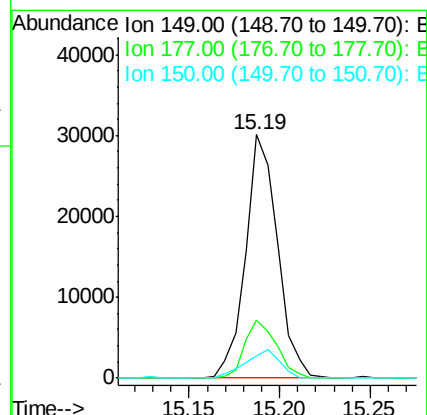
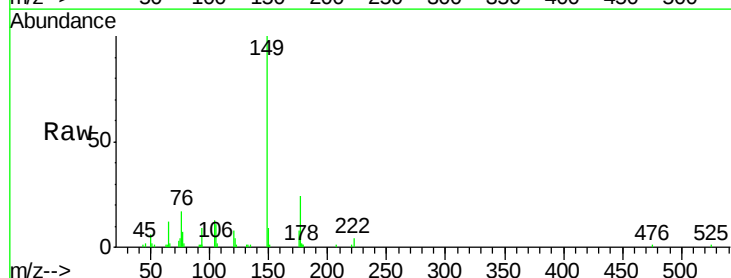
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

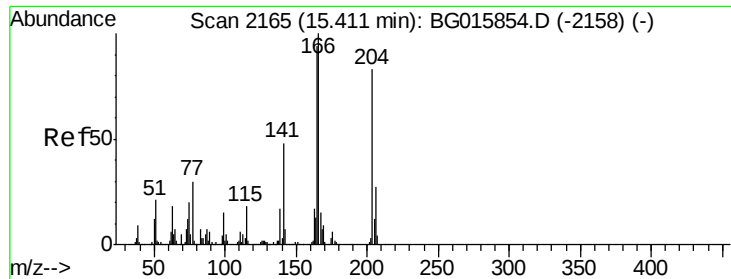
Tgt Ion:	232	Resp:	11795
Ion	Ratio	Lower	Upper
232	100		
131	34.0	31.3	46.9
130	1.2	2.2	3.4#
166	23.4	19.5	29.3



#59
 Diethylphthalate
 Concen: 6.12 ng
 RT: 15.19 min Scan# 2127
 Delta R.T. -0.01 min
 Lab File: BG015861.D
 Acq: 6 Jan 2015 15:14

Tgt Ion:	149	Resp:	36832
Ion	Ratio	Lower	Upper
149	100		
177	24.0	18.2	27.4
150	9.2	10.0	15.0#

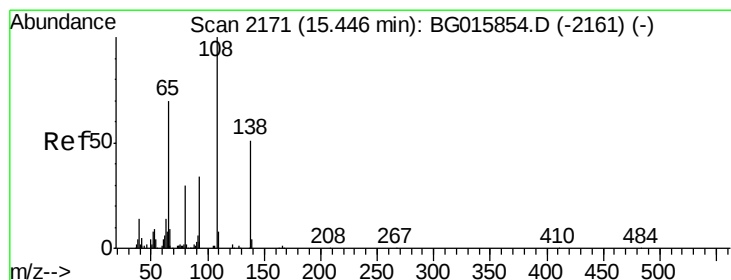
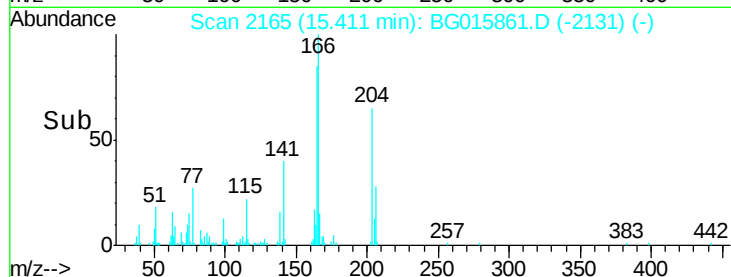
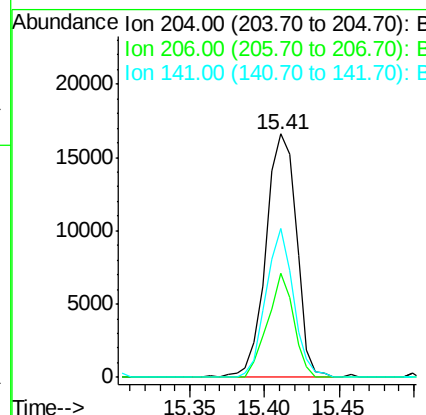
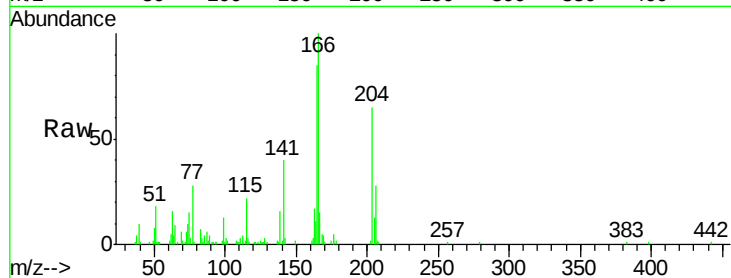




#60
 4-Chlorophenyl-phenylether
 Concen: 6.43 ng
 RT: 15.41 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: BG015861.D
 Acq: 6 Jan 2015 15:14

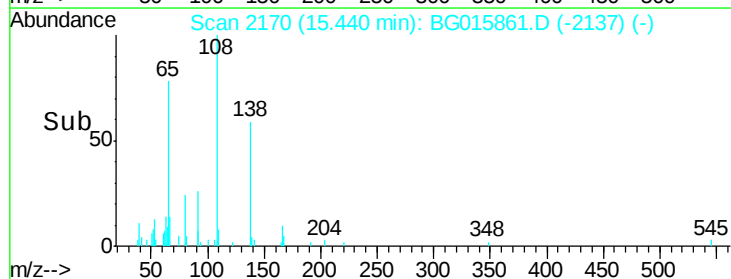
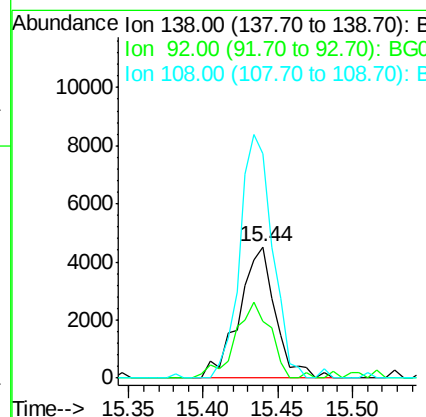
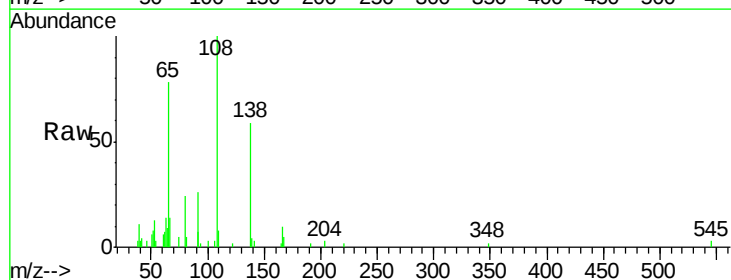
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

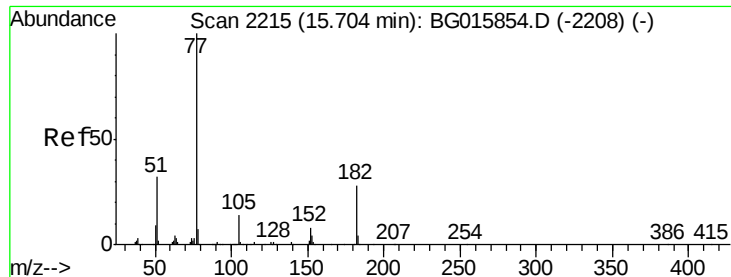
Tgt Ion: 204 Resp: 23434
 Ion Ratio Lower Upper
 204 100
 206 42.6 28.2 42.4#
 141 61.1 41.1 61.7



#61
 4-Nitroaniline
 Concen: 5.78 ng
 RT: 15.44 min Scan# 2170
 Delta R.T. -0.01 min
 Lab File: BG015861.D
 Acq: 6 Jan 2015 15:14

Tgt Ion: 138 Resp: 7594
 Ion Ratio Lower Upper
 138 100
 92 43.5 42.2 82.2
 108 170.3 147.2 187.2





#62

Azobenzene

Concen: 6.38 ng

RT: 15.70 min Scan# 2214

Delta R.T. -0.01 min

Lab File: BG015861.D

Acq: 6 Jan 2015 15:14

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

Tgt Ion: 77 Resp: 41339

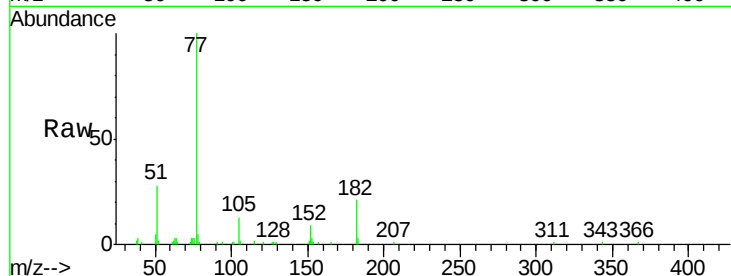
Ion Ratio Lower Upper

77 100

182 20.6 7.7 47.7

105 12.8 0.0 35.1

51 27.9 10.6 50.6

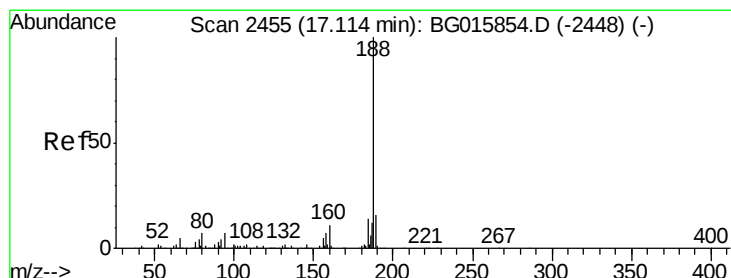
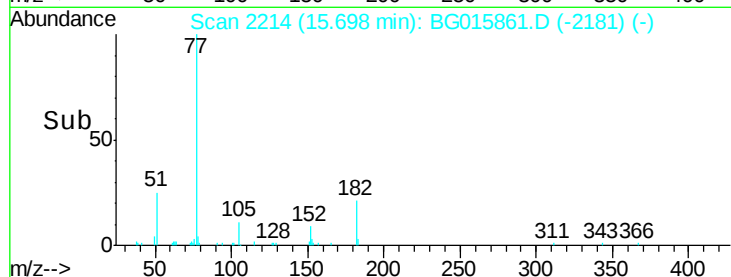
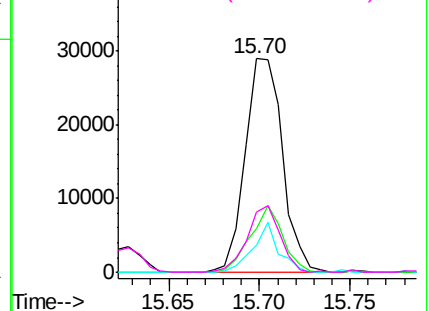


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.11 min Scan# 2454

Delta R.T. -0.01 min

Lab File: BG015861.D

Acq: 6 Jan 2015 15:14

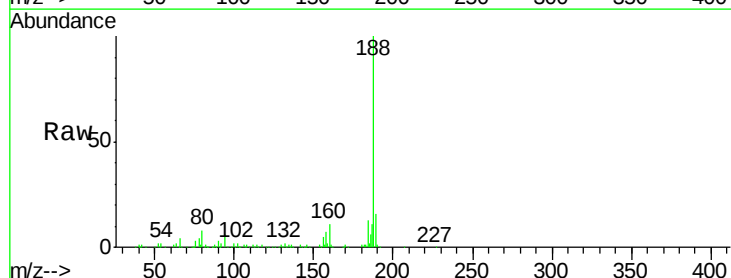
Tgt Ion: 188 Resp: 181653

Ion Ratio Lower Upper

188 100

94 5.7 5.4 8.0

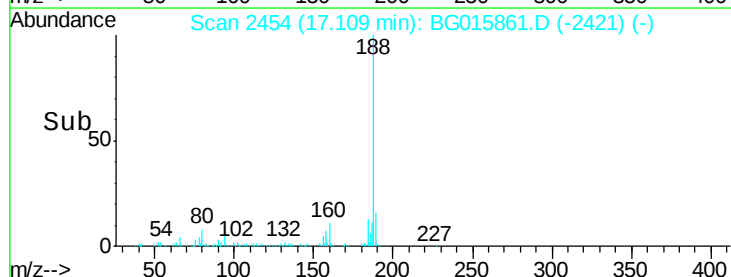
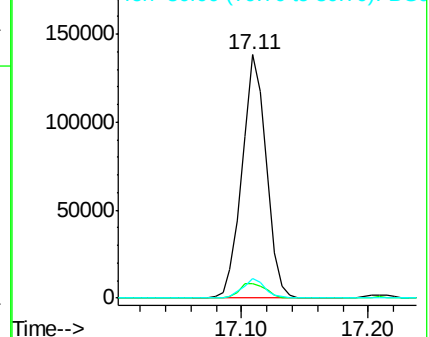
80 7.8 6.6 9.8

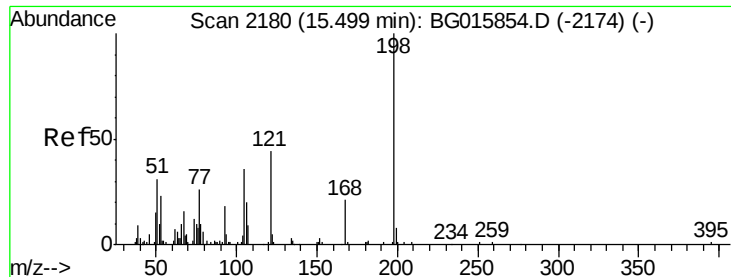


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

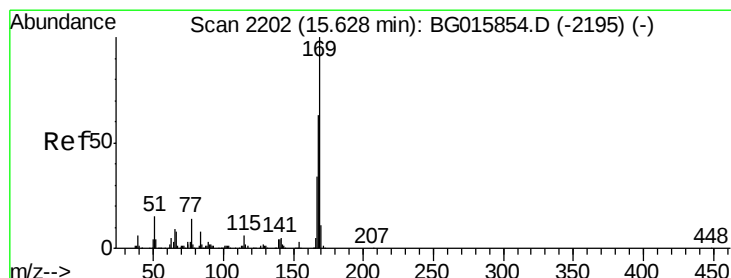
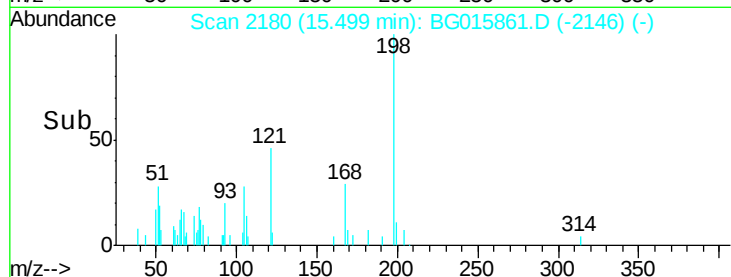
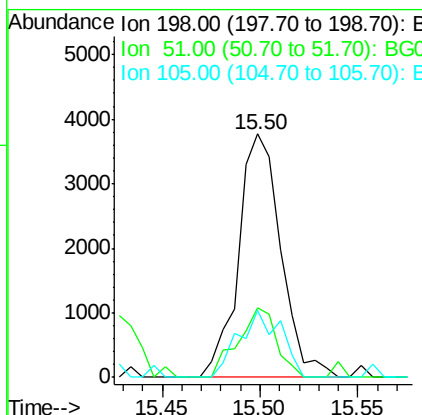
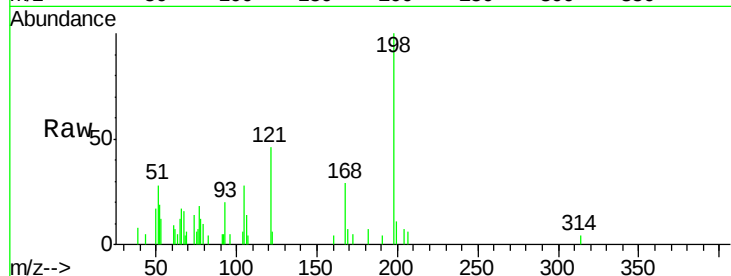




#64
4,6-Dinitro-2-methylphenol
Concen: 7.47 ng
RT: 15.50 min Scan# 2180
Delta R.T. 0.00 min
Lab File: BG015861.D
Acq: 6 Jan 2015 15:14

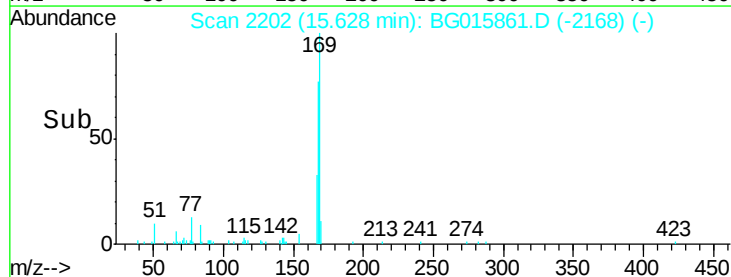
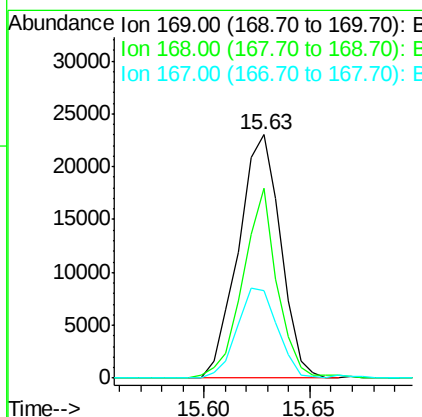
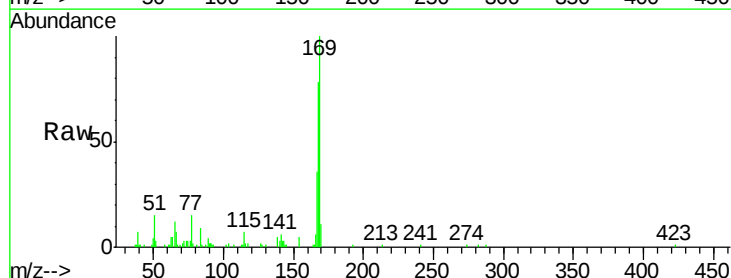
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

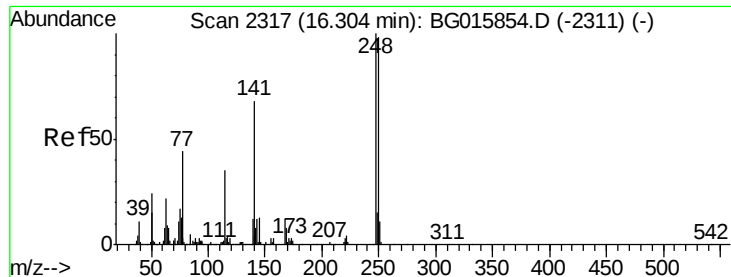
Tgt Ion:198 Resp: 5668
Ion Ratio Lower Upper
198 100
51 28.4 13.6 53.6
105 27.7 17.9 57.9



#65
n-Nitrosodiphenylamine
Concen: 6.09 ng
RT: 15.63 min Scan# 2202
Delta R.T. 0.00 min
Lab File: BG015861.D
Acq: 6 Jan 2015 15:14

Tgt Ion:169 Resp: 31817
Ion Ratio Lower Upper
169 100
168 78.1 52.7 79.1
167 36.0 29.3 43.9

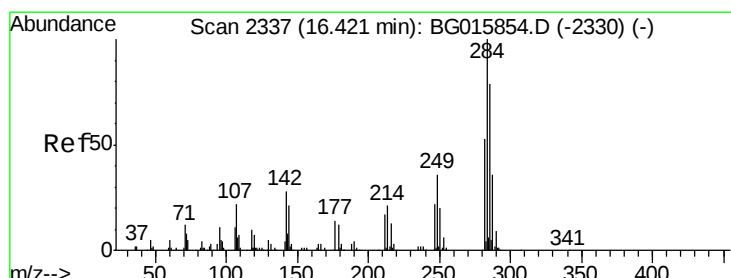
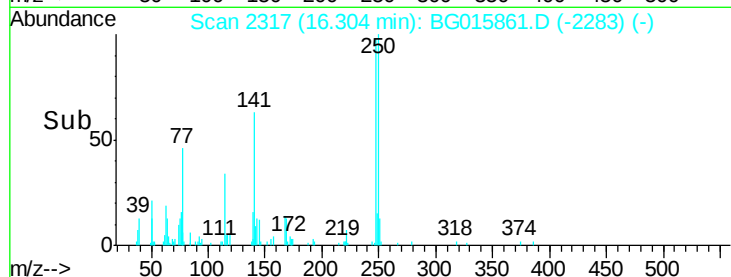
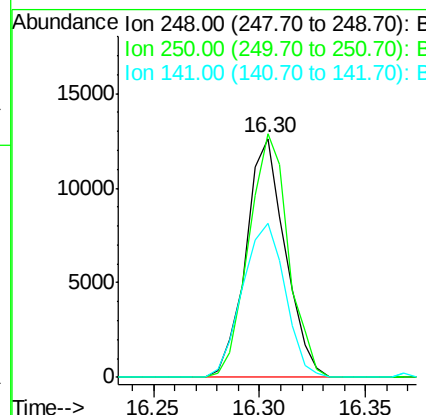
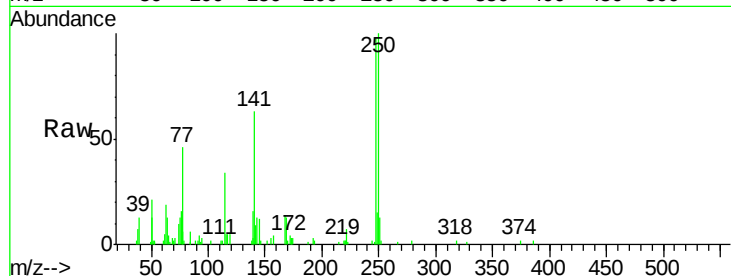




#66
4-Bromophenyl-phenylether
Concen: 6.54 ng
RT: 16.30 min Scan# 2317
Delta R.T. 0.00 min
Lab File: BG015861.D
Acq: 6 Jan 2015 15:14

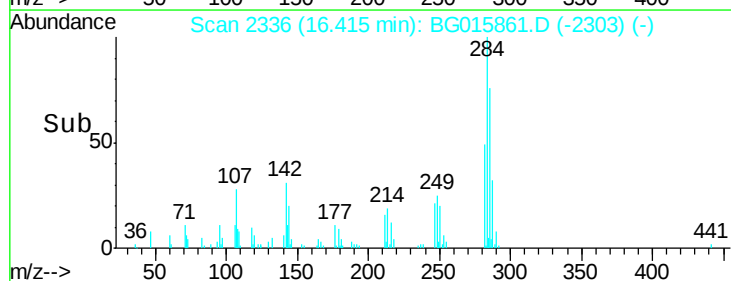
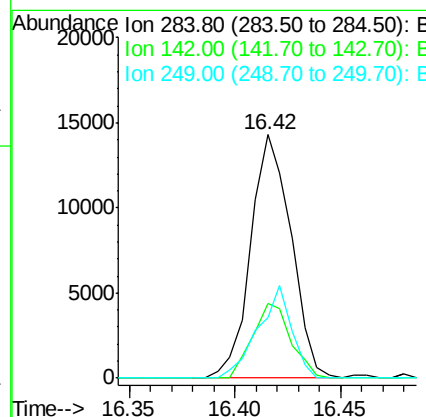
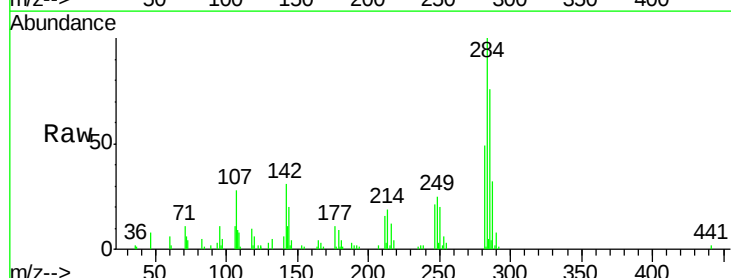
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

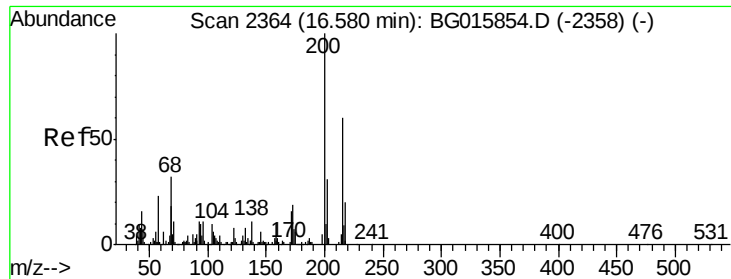
Tgt Ion:248 Resp: 16300
Ion Ratio Lower Upper
248 100
250 102.1 83.5 125.3
141 64.7 58.1 87.1



#67
Hexachlorobenzene
Concen: 6.72 ng
RT: 16.42 min Scan# 2336
Delta R.T. -0.01 min
Lab File: BG015861.D
Acq: 6 Jan 2015 15:14

Tgt Ion:284 Resp: 18963
Ion Ratio Lower Upper
284 100
142 30.9 26.1 39.1
249 27.9 26.0 39.0

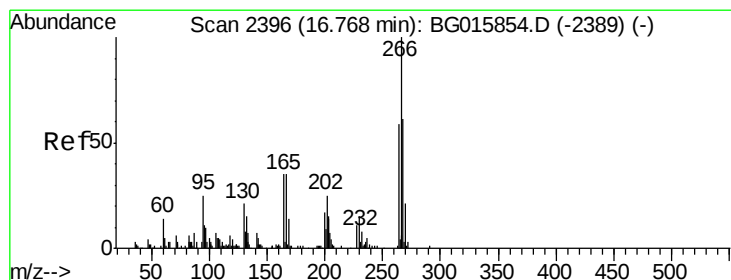
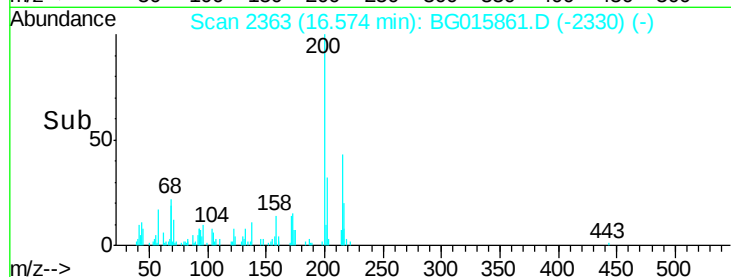
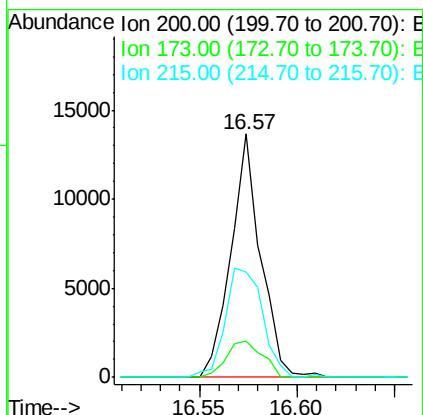
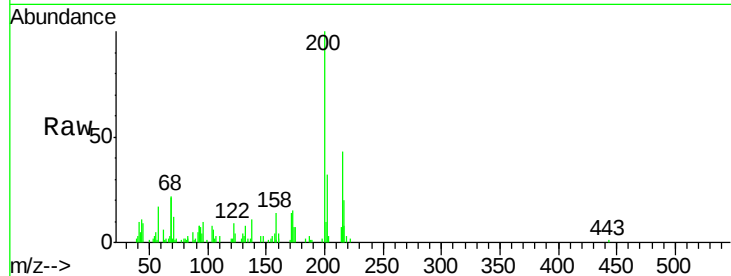




#68
Atrazine
Concen: 6.18 ng
RT: 16.57 min Scan# 2363
Delta R.T. -0.01 min
Lab File: BG015861.D
Acq: 6 Jan 2015 15:14

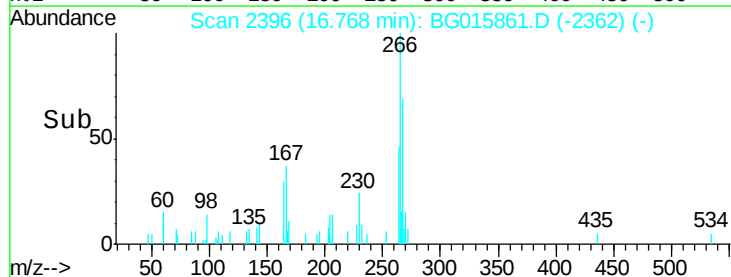
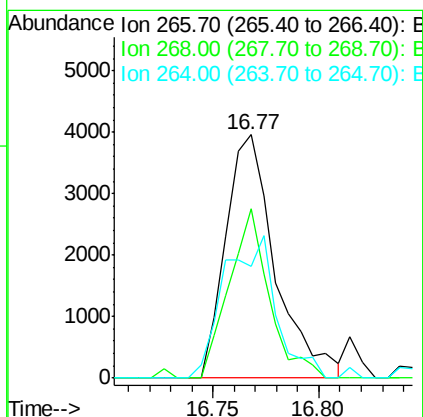
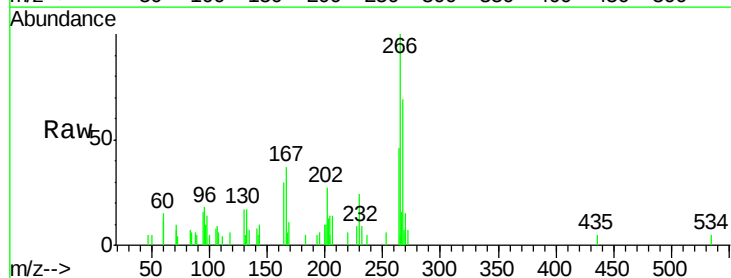
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

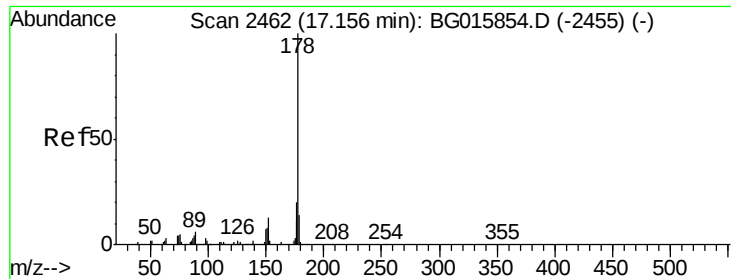
Tgt Ion:200 Resp: 14412
Ion Ratio Lower Upper
200 100
173 14.9 1.1 41.1
215 43.1 35.6 75.6



#69
Pentachlorophenol
Concen: 6.49 ng
RT: 16.77 min Scan# 2396
Delta R.T. 0.00 min
Lab File: BG015861.D
Acq: 6 Jan 2015 15:14

Tgt Ion:266 Resp: 6430
Ion Ratio Lower Upper
266 100
268 76.6 50.2 75.2#
264 45.9 48.2 72.2#





#70

Phenanthrene

Concen: 6.24 ng

RT: 17.15 min Scan# 2461

Delta R.T. -0.01 min

Lab File: BG015861.D

Acq: 6 Jan 2015 15:14

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

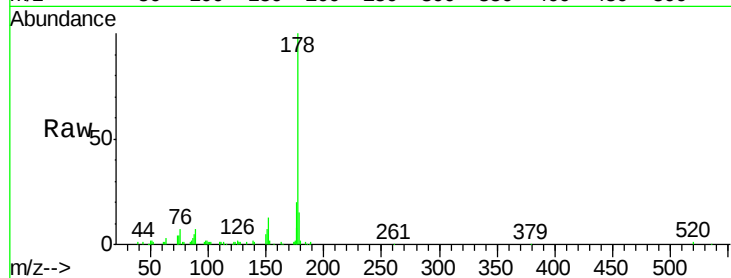
Tgt Ion:178 Resp: 60366

Ion Ratio Lower Upper

178 100

176 20.0 14.5 21.7

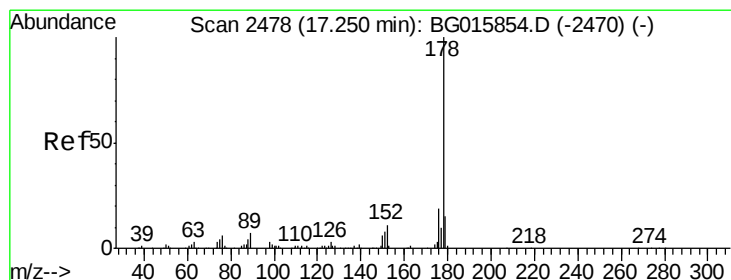
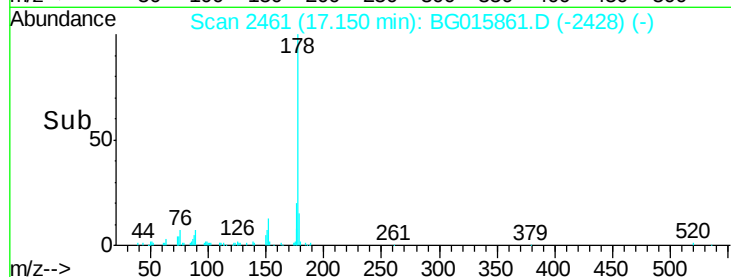
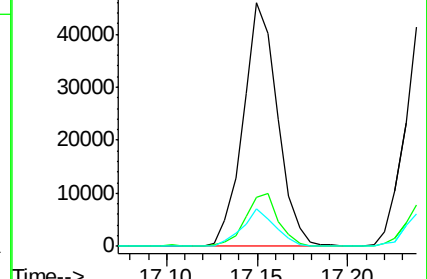
179 15.5 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 6.71 ng

RT: 17.24 min Scan# 2477

Delta R.T. -0.01 min

Lab File: BG015861.D

Acq: 6 Jan 2015 15:14

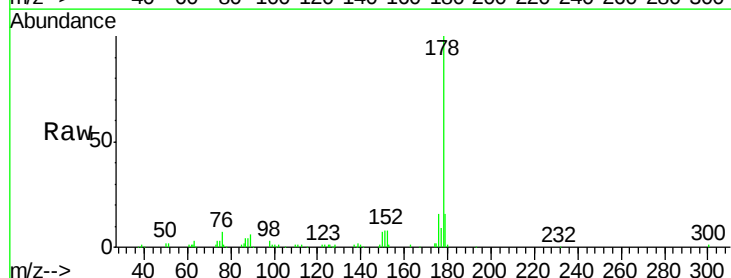
Tgt Ion:178 Resp: 64453

Ion Ratio Lower Upper

178 100

176 16.4 15.6 23.4

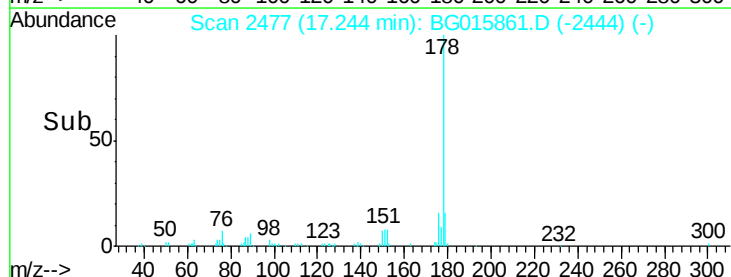
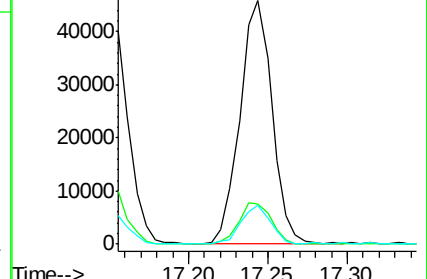
179 16.2 12.6 18.8

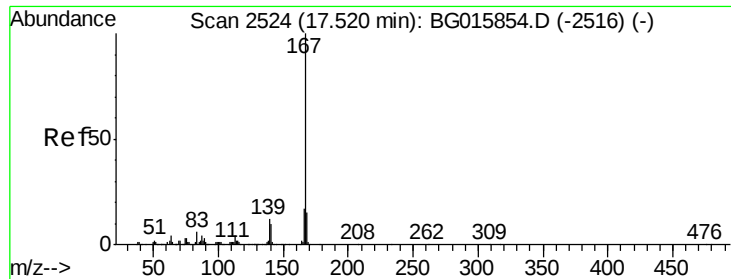


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 6.24 ng

RT: 17.51 min Scan# 2523

Delta R.T. -0.01 min

Lab File: BG015861.D

Acq: 6 Jan 2015 15:14

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

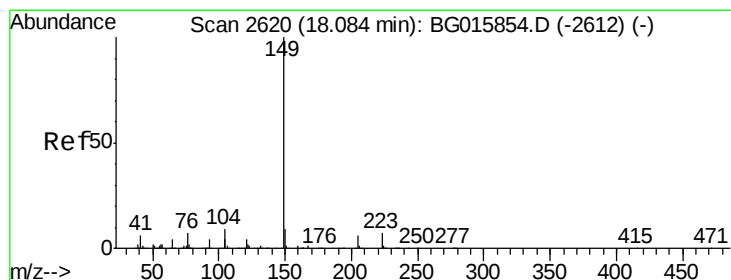
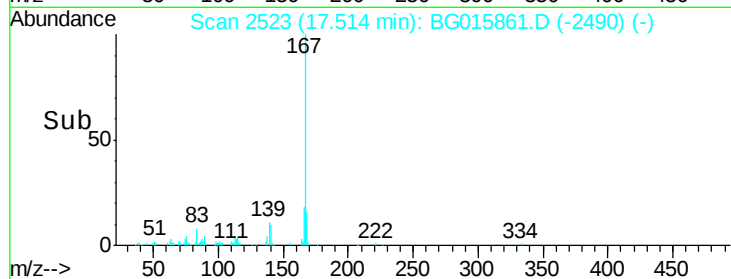
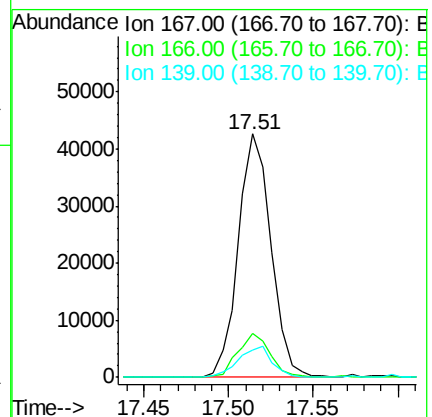
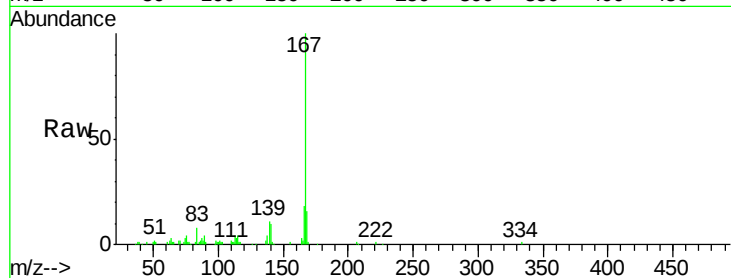
Tgt Ion:167 Resp: 57440

Ion Ratio Lower Upper

167 100

166 17.9 15.0 22.4

139 11.2 11.0 16.4



#73

Di-n-butylphthalate

Concen: 6.38 ng

RT: 18.08 min Scan# 2619

Delta R.T. -0.01 min

Lab File: BG015861.D

Acq: 6 Jan 2015 15:14

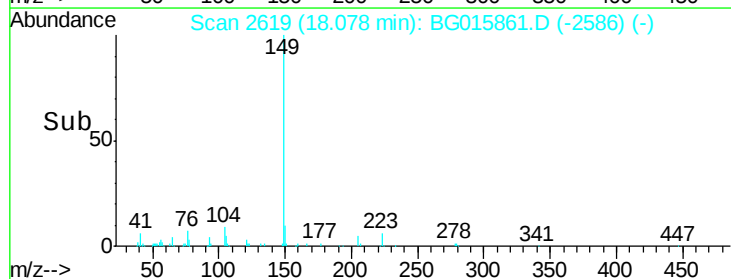
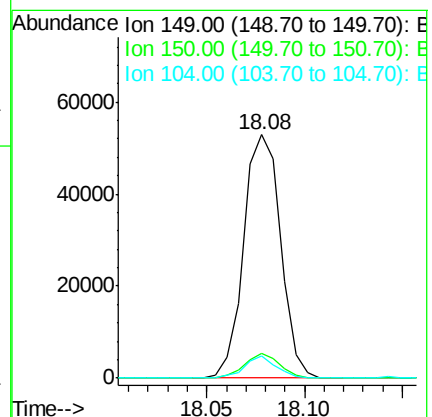
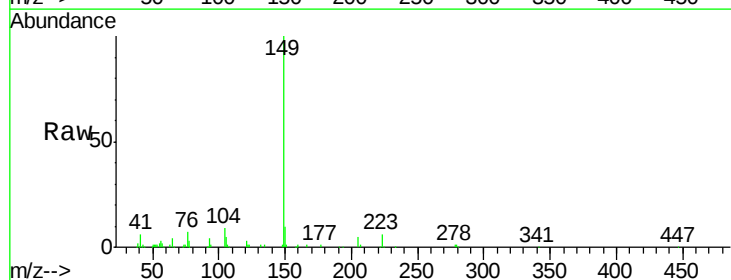
Tgt Ion:149 Resp: 69201

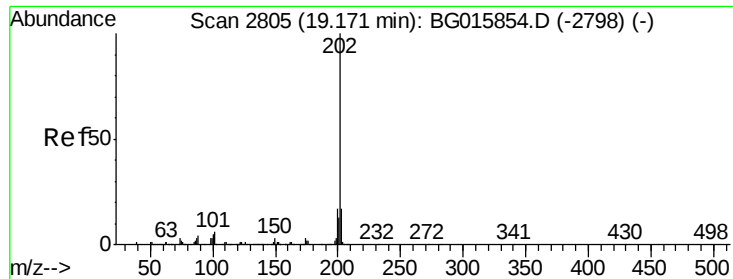
Ion Ratio Lower Upper

149 100

150 10.4 7.1 10.7

104 8.9 6.8 10.2

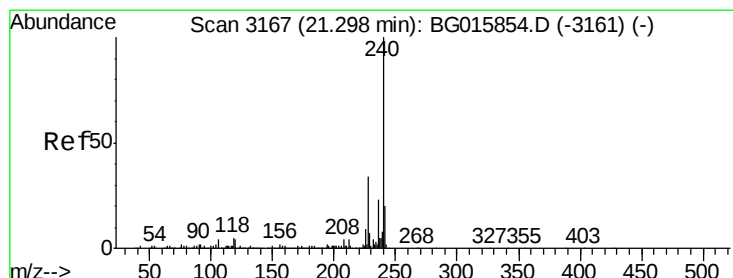
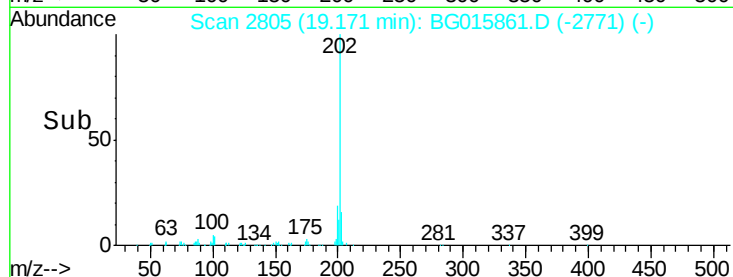
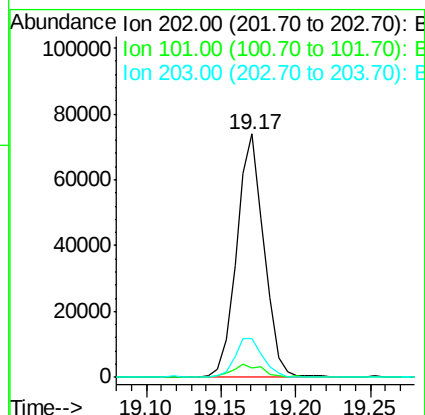
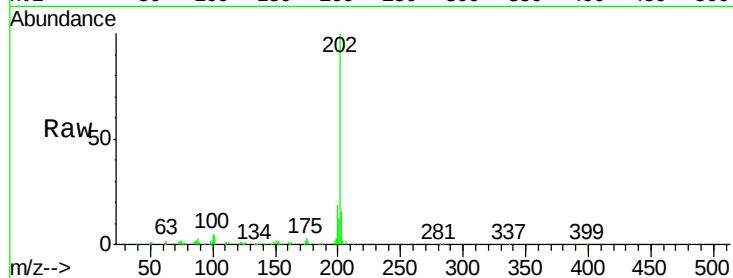




#74
 Fluoranthene
 Concen: 6.42 ng
 RT: 19.17 min Scan# 2805
 Delta R.T. 0.00 min
 Lab File: BG015861.D
 Acq: 6 Jan 2015 15:14

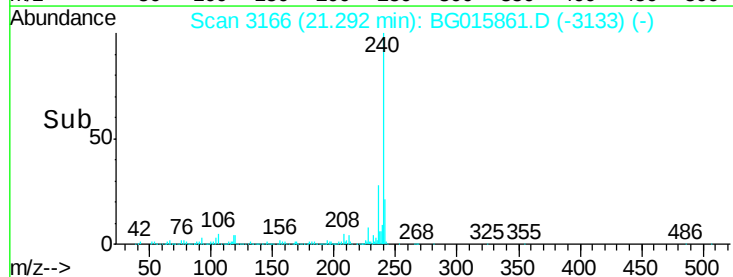
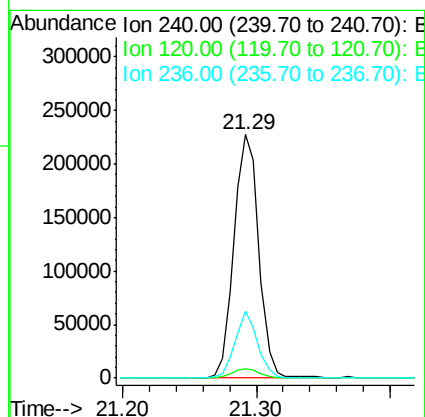
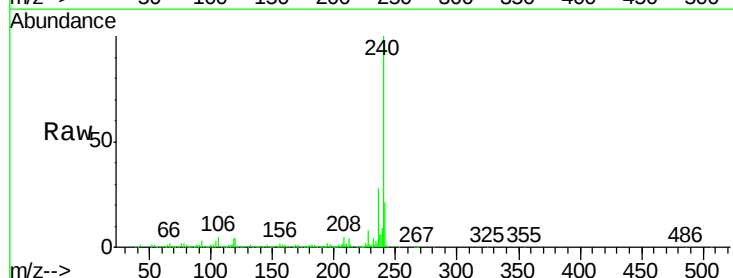
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

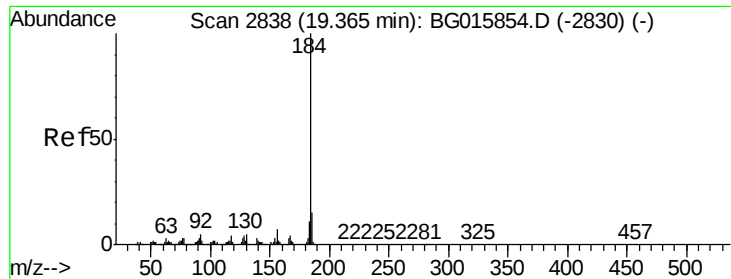
Tgt Ion:	202	Resp:	93909
Ion	Ratio	Lower	Upper
202	100		
101	3.9	0.0	26.1
203	16.0	0.0	38.0



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.29 min Scan# 3166
 Delta R.T. -0.01 min
 Lab File: BG015861.D
 Acq: 6 Jan 2015 15:14

Tgt Ion:	240	Resp:	296121
Ion	Ratio	Lower	Upper
240	100		
120	3.7	3.4	5.2
236	27.5	19.0	28.6





#76

Benzidine

Concen: 2.73 ng

RT: 19.36 min Scan# 2837

Delta R.T. -0.01 min

Lab File: BG015861.D

Acq: 6 Jan 2015 15:14

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

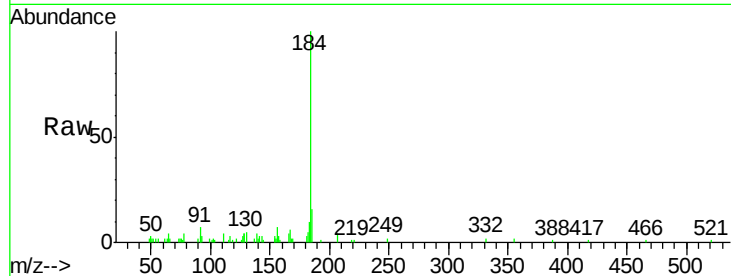
Tgt Ion:184 Resp: 18686

Ion Ratio Lower Upper

184 100

185 16.1 12.6 18.8

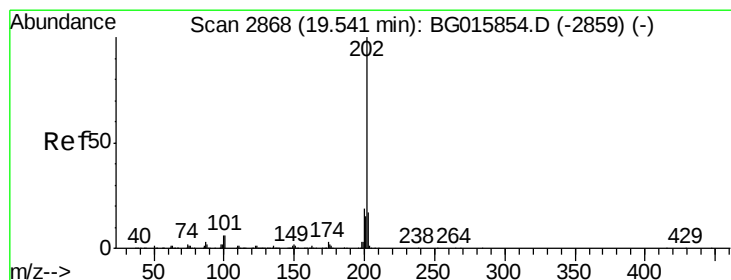
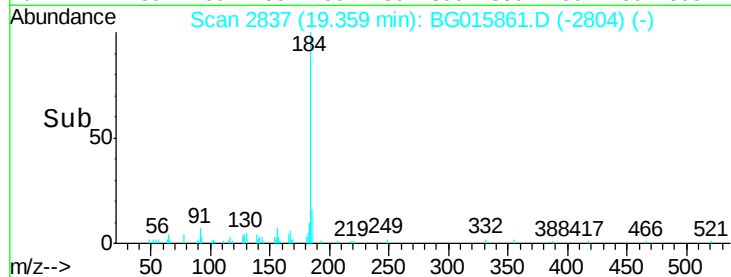
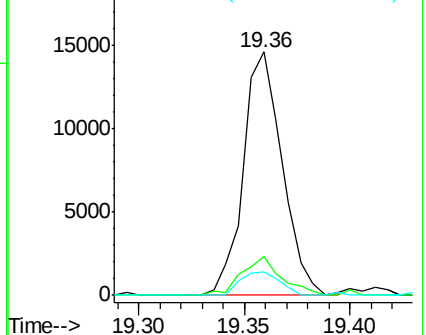
183 9.6 8.4 12.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 6.25 ng

RT: 19.54 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BG015861.D

Acq: 6 Jan 2015 15:14

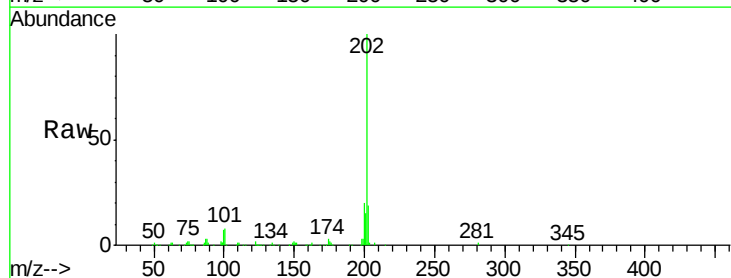
Tgt Ion:202 Resp: 98904

Ion Ratio Lower Upper

202 100

200 20.0 15.1 22.7

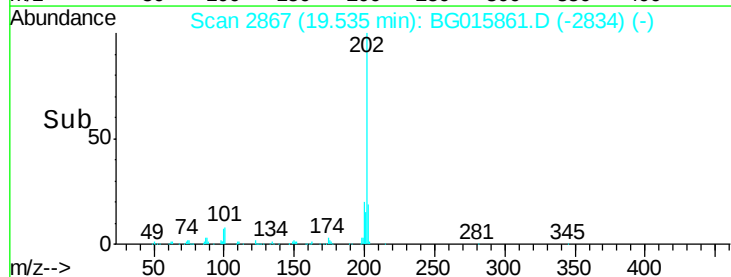
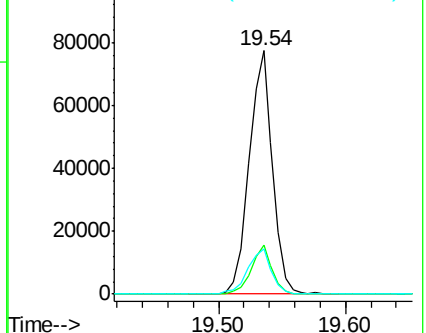
203 18.6 14.2 21.4

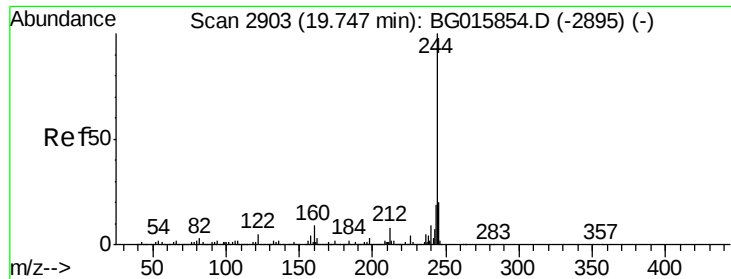


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 40.14 ng

RT: 19.74 min Scan# 2902

Delta R.T. -0.01 min

Lab File: BG015861.D

Acq: 6 Jan 2015 15:14

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

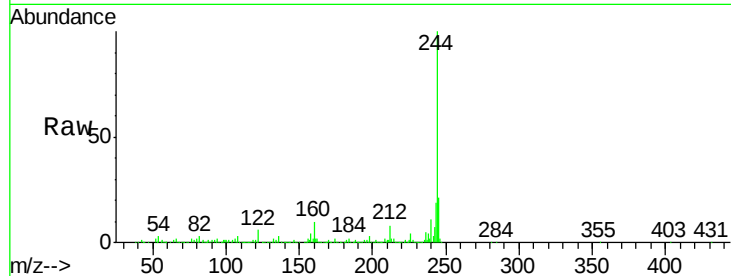
Tgt Ion:244 Resp: 1063707

Ion Ratio Lower Upper

244 100

212 7.9 6.6 9.8

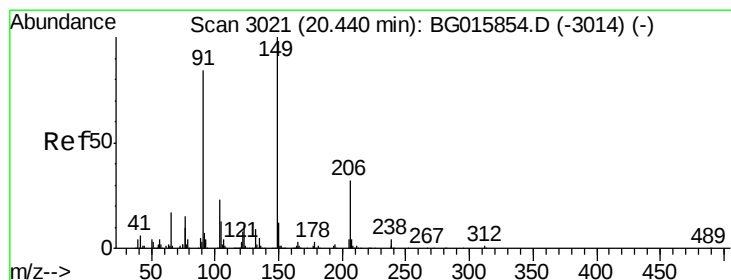
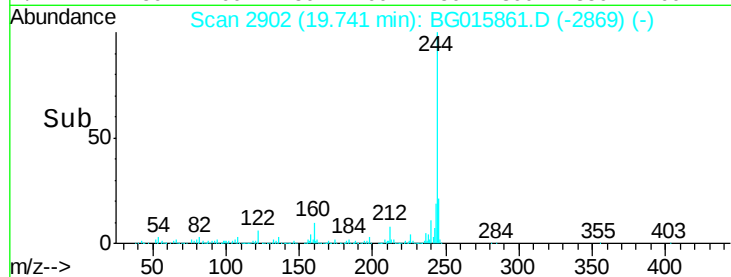
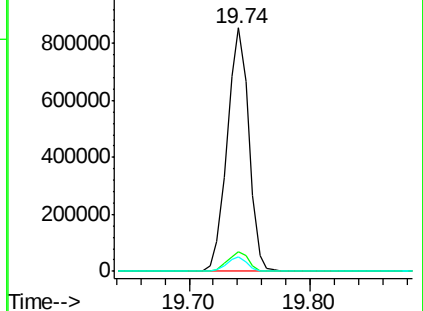
122 6.2 4.7 7.1



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



#79

Butylbenzylphthalate

Concen: 6.21 ng

RT: 20.43 min Scan# 3020

Delta R.T. -0.01 min

Lab File: BG015861.D

Acq: 6 Jan 2015 15:14

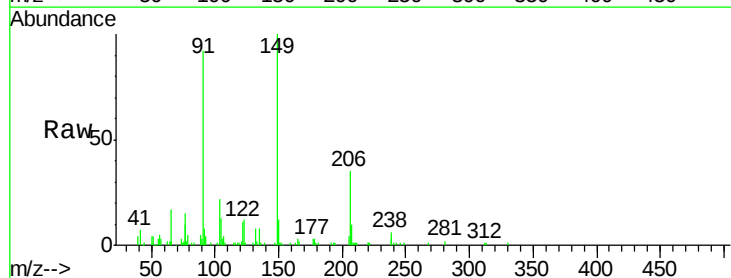
Tgt Ion:149 Resp: 36850

Ion Ratio Lower Upper

149 100

91 91.8 68.4 102.6

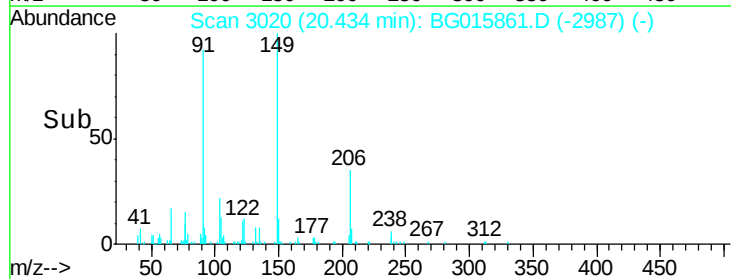
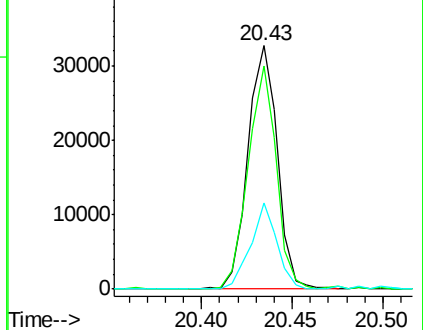
206 35.2 24.9 37.3

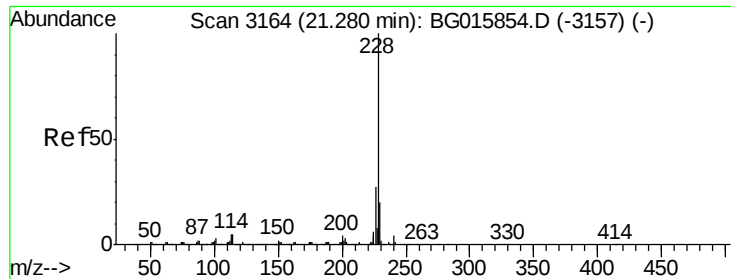


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 6.68 ng

RT: 21.27 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG015861.D

Acq: 6 Jan 2015 15:14

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

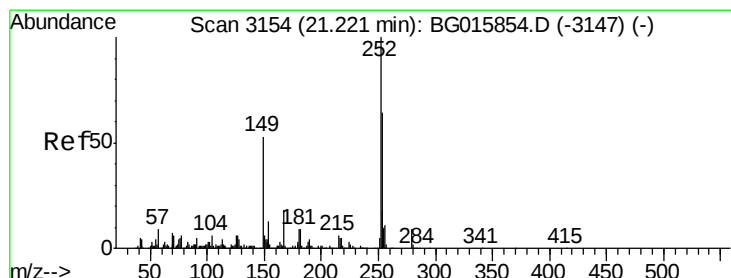
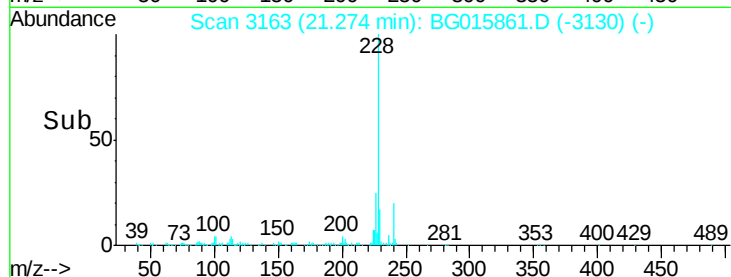
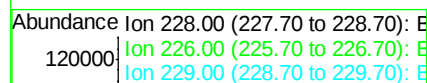
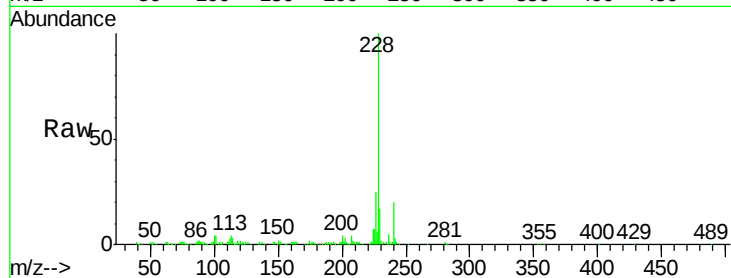
Tgt Ion:228 Resp: 117478

Ion Ratio Lower Upper

228 100

226 25.2 21.4 32.2

229 16.8 16.8 25.2



#81

3,3'-Dichlorobenzidine

Concen: 4.35 ng

RT: 21.22 min Scan# 3153

Delta R.T. -0.01 min

Lab File: BG015861.D

Acq: 6 Jan 2015 15:14

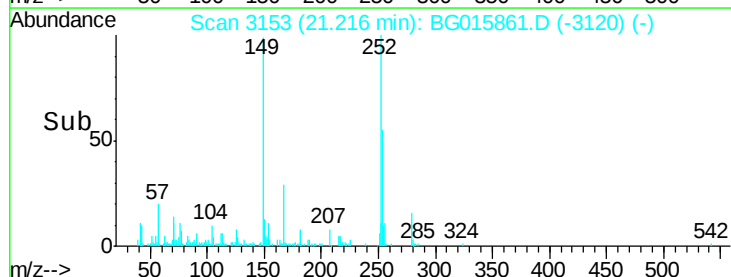
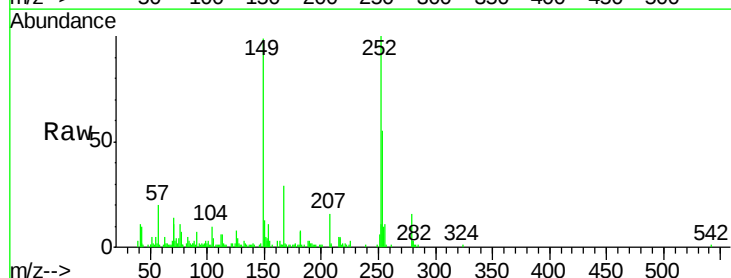
Tgt Ion:252 Resp: 28100

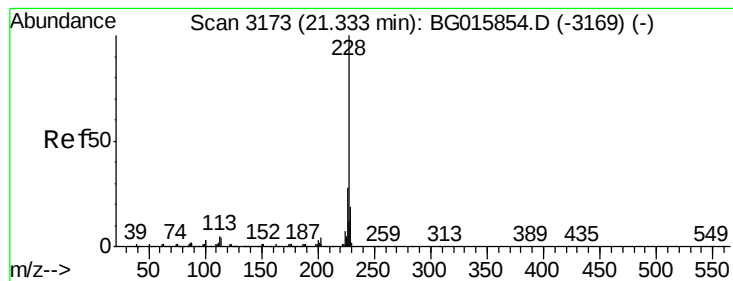
Ion Ratio Lower Upper

252 100

254 54.9 54.0 81.0

126 7.7 5.8 8.8





#82

Chrysene

Concen: 6.61 ng

RT: 21.33 min Scan# 3172

Delta R.T. -0.01 min

Lab File: BG015861.D

Acq: 6 Jan 2015 15:14

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

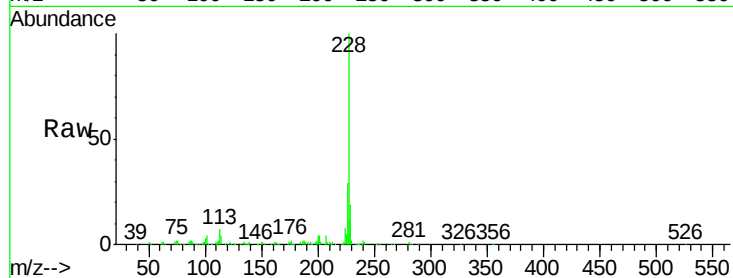
Tgt Ion:228 Resp: 106831

Ion Ratio Lower Upper

228 100

226 29.2 22.5 33.7

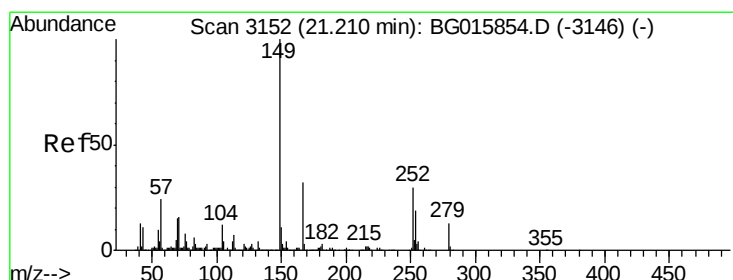
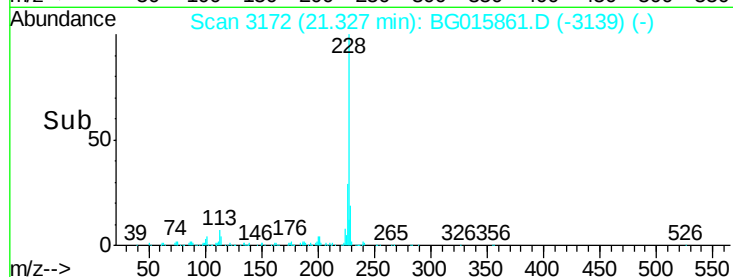
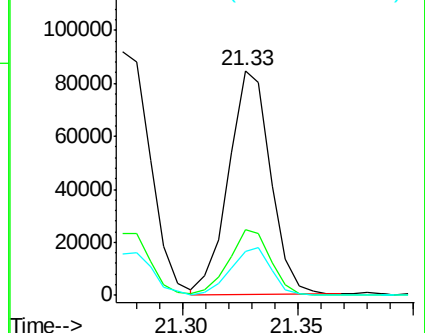
229 19.3 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 6.31 ng

RT: 21.21 min Scan# 3152

Delta R.T. 0.00 min

Lab File: BG015861.D

Acq: 6 Jan 2015 15:14

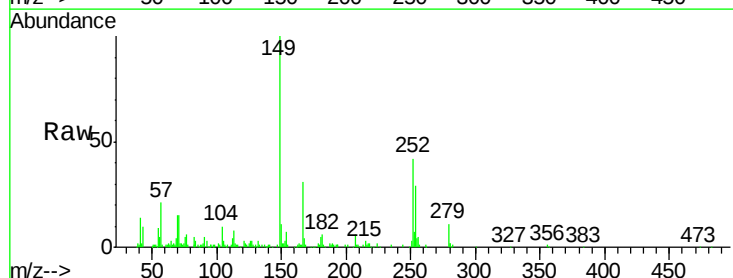
Tgt Ion:149 Resp: 54433

Ion Ratio Lower Upper

149 100

167 30.8 26.2 39.2

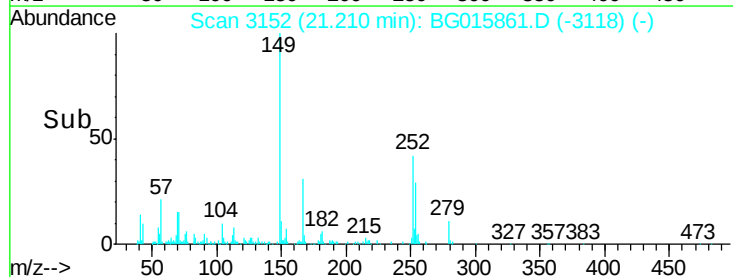
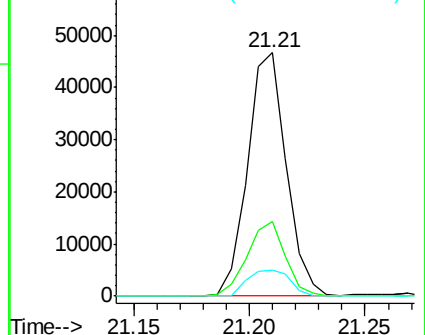
279 10.6 10.5 15.7

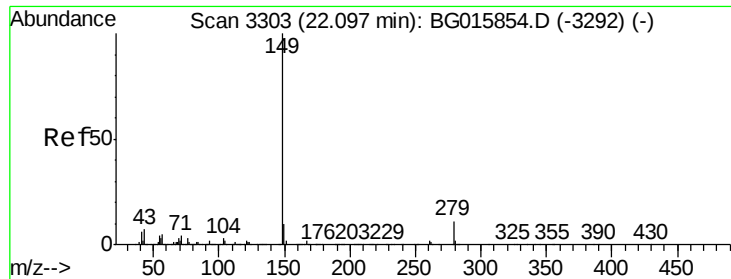


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

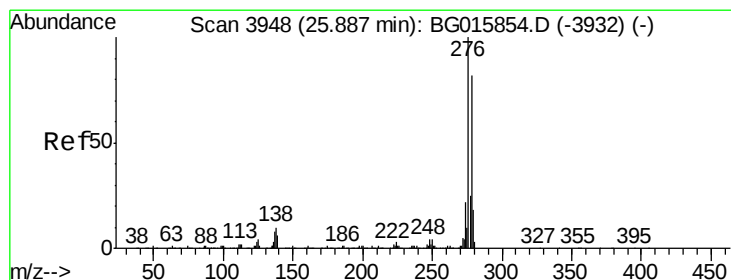
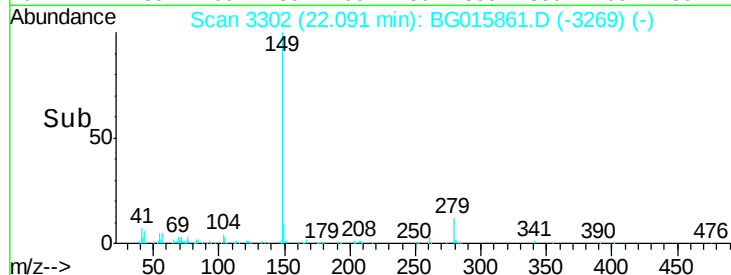
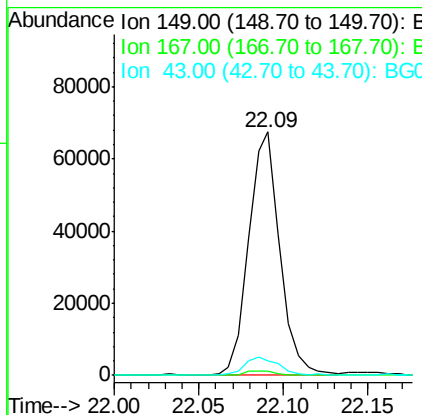
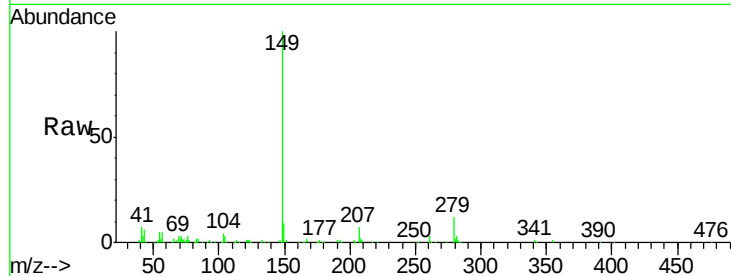




#84
Di-n-octyl phthalate
Concen: 6.17 ng
RT: 22.09 min Scan# 3302
Delta R.T. -0.01 min
Lab File: BG015861.D
Acq: 6 Jan 2015 15:14

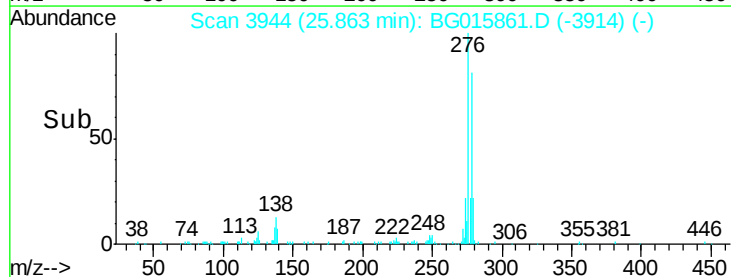
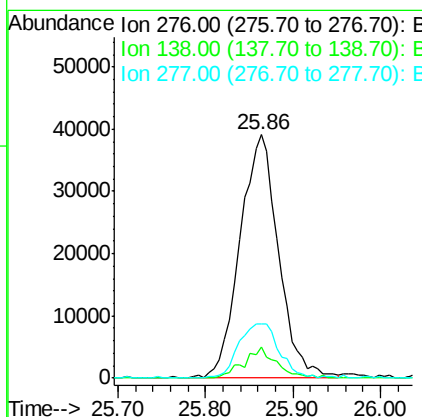
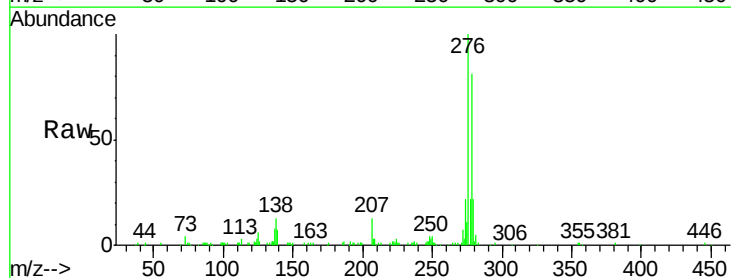
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

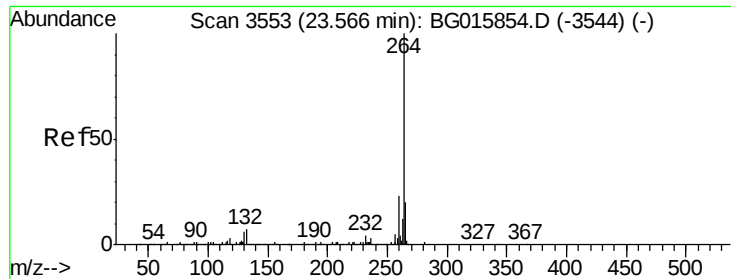
Tgt Ion:149 Resp: 86654
Ion Ratio Lower Upper
149 100
167 1.9 1.6 2.4
43 8.3 5.9 8.9



#85
Indeno(1,2,3-cd)pyrene
Concen: 6.13 ng
RT: 25.86 min Scan# 3944
Delta R.T. -0.02 min
Lab File: BG015861.D
Acq: 6 Jan 2015 15:14

Tgt Ion:276 Resp: 117008
Ion Ratio Lower Upper
276 100
138 10.6 7.8 11.6
277 23.4 20.6 31.0

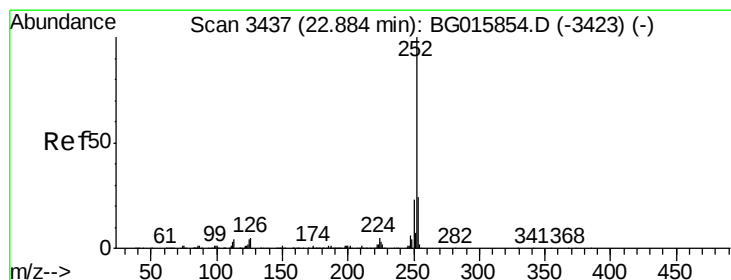
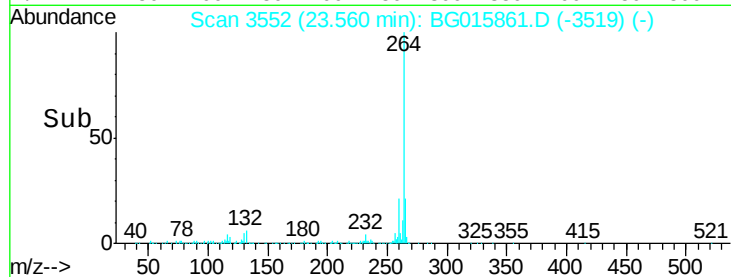
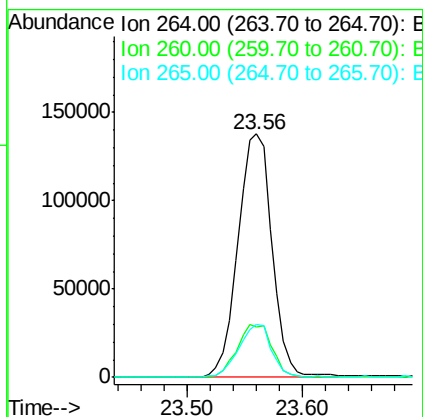
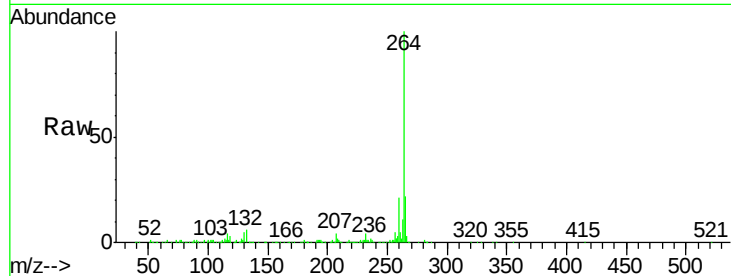




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.56 min Scan# 3552
Delta R.T. -0.01 min
Lab File: BG015861.D
Acq: 6 Jan 2015 15:14

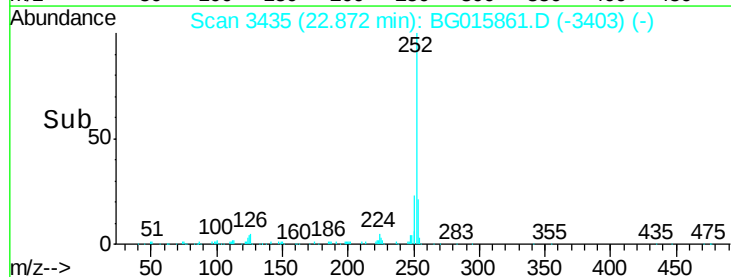
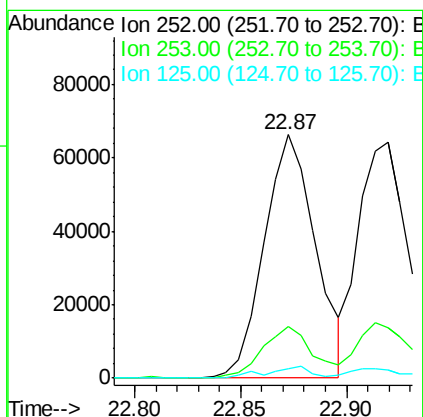
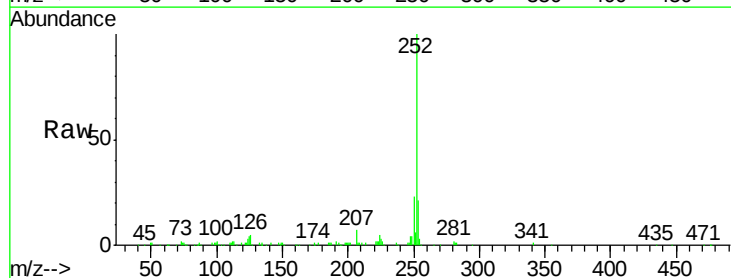
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

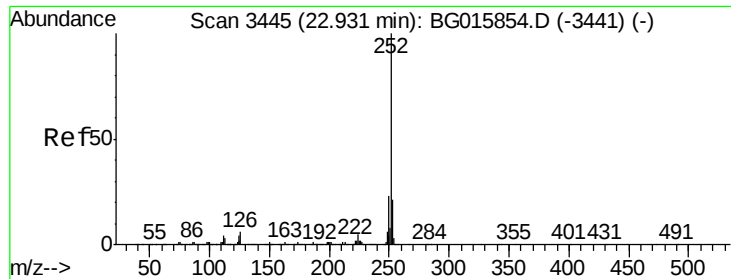
Tgt Ion:264 Resp: 282157
Ion Ratio Lower Upper
264 100
260 20.9 17.0 25.4
265 21.7 17.4 26.0



#87
Benzo(b)fluoranthene
Concen: 6.36 ng
RT: 22.87 min Scan# 3435
Delta R.T. -0.01 min
Lab File: BG015861.D
Acq: 6 Jan 2015 15:14

Tgt Ion:252 Resp: 112100
Ion Ratio Lower Upper
252 100
253 21.2 17.8 26.8
125 3.9 3.6 5.4





#88

Benzo(k)fluoranthene

Concen: 6.12 ng

RT: 22.92 min Scan# 3443

Delta R.T. -0.01 min

Lab File: BG015861.D

Acq: 6 Jan 2015 15:14

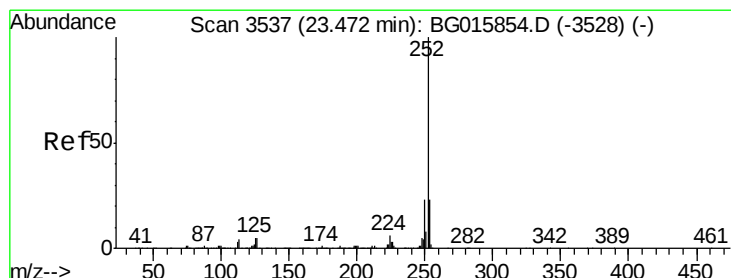
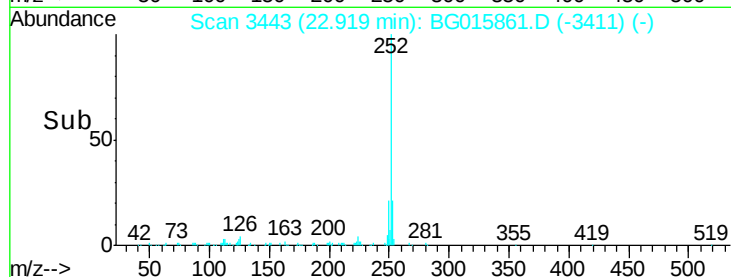
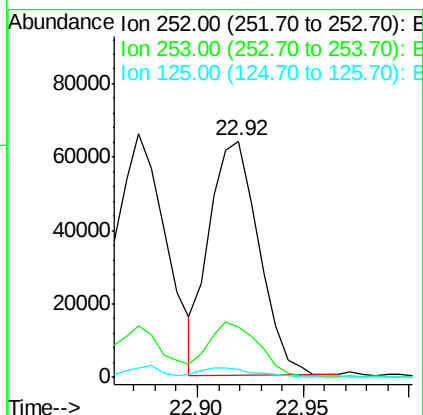
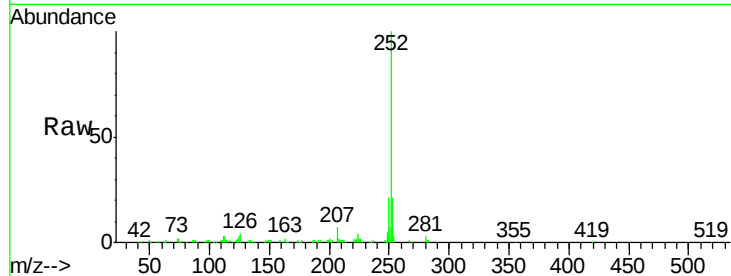
Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

Tgt Ion:	252	Resp:	103729
Ion Ratio	Lower	Upper	
252	100		
253	21.2	18.2	27.2
125	3.5	3.0	4.6



#89

Benzo(a)pyrene

Concen: 6.50 ng

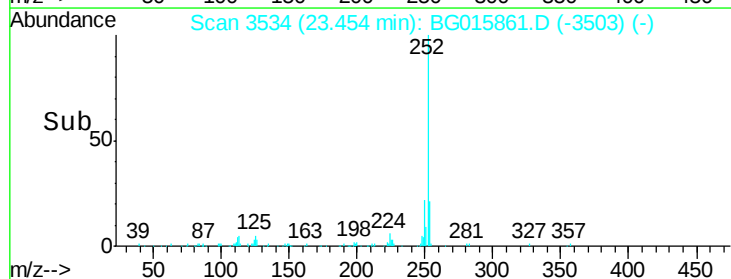
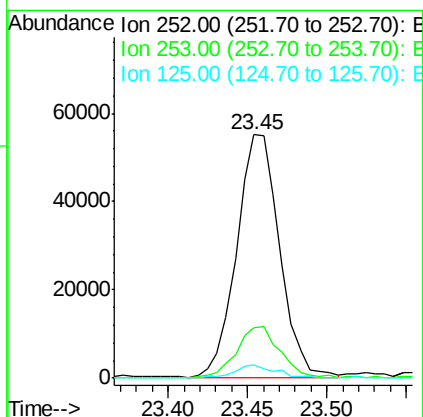
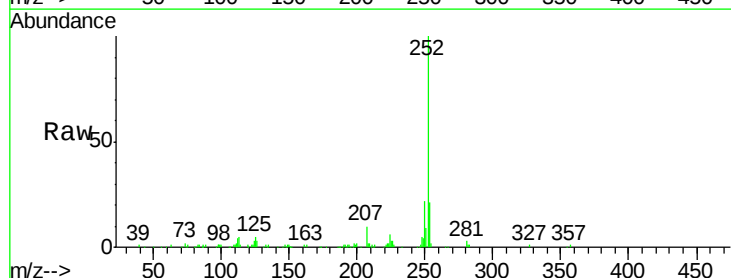
RT: 23.45 min Scan# 3534

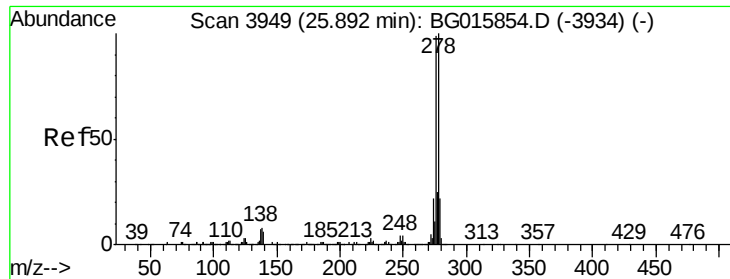
Delta R.T. -0.02 min

Lab File: BG015861.D

Acq: 6 Jan 2015 15:14

Tgt Ion:	252	Resp:	103058
Ion Ratio	Lower	Upper	
252	100		
253	20.9	17.9	26.9
125	5.3	3.7	5.5





#90

Dibenzo(a,h)anthracene

Concen: 6.32 ng

RT: 25.87 min Scan# 3945

Delta R.T. -0.02 min

Lab File: BG015861.D

Acq: 6 Jan 2015 15:14

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

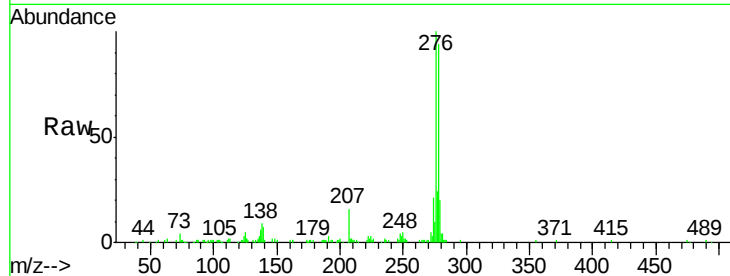
Tgt Ion:278 Resp: 98552

Ion Ratio Lower Upper

278 100

139 7.3 4.9 7.3

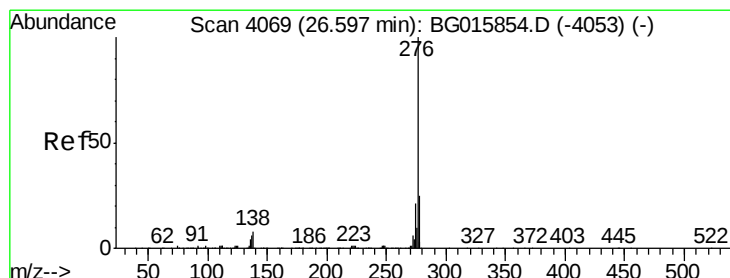
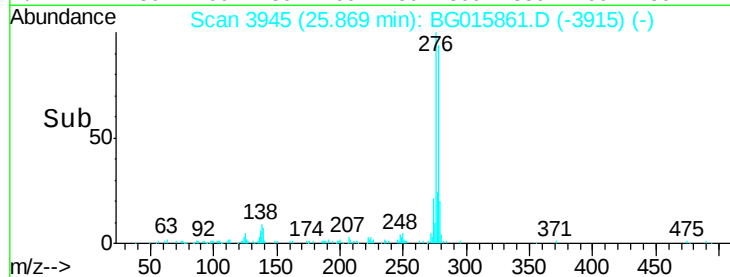
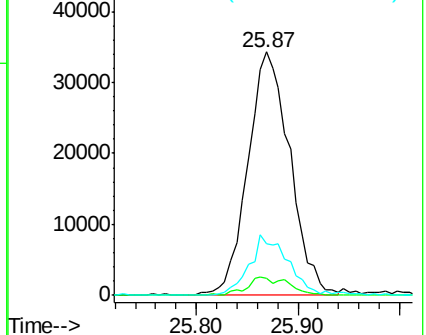
279 21.0 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 6.51 ng

RT: 26.57 min Scan# 4064

Delta R.T. -0.03 min

Lab File: BG015861.D

Acq: 6 Jan 2015 15:14

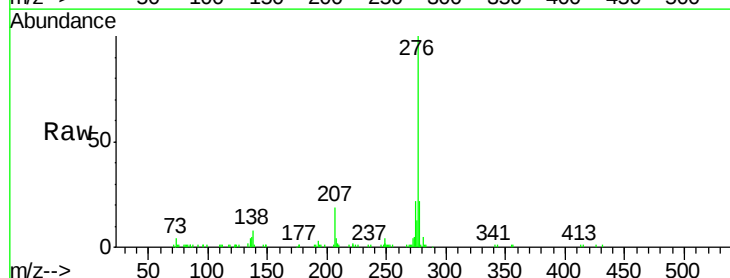
Tgt Ion:276 Resp: 100936

Ion Ratio Lower Upper

276 100

277 21.7 18.2 27.2

138 8.0 6.4 9.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

