

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG010515\
 Data File : BG015850.D
 Acq On : 5 Jan 2015 19:36
 Operator : TP/IZ
 Sample : G1001-03-S
 Misc : LOD-SOIL-8PPM
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

Quant Time: Jan 06 06:14:00 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG010515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 06 06:05:51 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	28832	20.00	ng	0.00
21) Naphthalene-d8	10.51	136	100243	20.00	ng	0.00
38) Acenaphthene-d10	14.36	164	82057	20.00	ng	0.00
63) Phenanthrene-d10	17.11	188	190350	20.00	ng	0.00
75) Chrysene-d12	21.29	240	305145	20.00	ng	0.00
86) Perylene-d12	23.56	264	282888	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	212741	63.46	ng	0.00
7) Phenol-d6	6.91	99	287849	61.65	ng	0.00
23) Nitrobenzene-d5	8.89	82	211423	41.38	ng	0.00
41) 2,4,6-Tribromophenol	15.86	330	190742	61.15	ng	0.00
44) 2-Fluorobiphenyl	12.99	172	456222	39.71	ng	0.00
78) Terphenyl-d14	19.74	244	1096949	40.17	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.25	88	4570	5.94	ng	# 70
3) Pyridine	3.65	79	11244	5.33	ng	# 87
4) n-Nitrosodimethylamine	3.57	42	6108	6.74	ng	# 90
6) Aniline	7.06	93	11910	3.77	ng	# 81
8) 2-Chlorophenol	7.30	128	11300	6.54	ng	85
9) Benzaldehyde	6.87	77	11574	7.36	ng	98
10) Phenol	6.94	94	15567	6.12	ng	93
11) bis(2-Chloroethyl)ether	7.16	93	12585	6.72	ng	89
12) 1,3-Dichlorobenzene	7.76	146	11934	5.76	ng	93
13) 1,4-Dichlorobenzene	7.76	146	11934	5.65	ng	98
14) 1,2-Dichlorobenzene	8.08	146	11935	5.95	ng	95
15) Benzyl Alcohol	7.98	79	13518	5.93	ng	# 83
16) 2,2'-oxybis(1-Chloropropan	8.26	45	7964	6.66	ng	78
17) 2-Methylphenol	8.18	107	10237	5.90	ng	95
18) Hexachloroethane	8.80	117	6062	6.21	ng	# 82
19) n-Nitroso-di-n-propylamine	8.53	70	10337	5.67	ng	# 77
20) 3+4-Methylphenols	8.50	107	13671	5.91	ng	91
22) Acetophenone	8.55	105	19439	6.61	ng	# 96
24) Nitrobenzene	8.92	77	18774	7.29	ng	98
25) Isophorone	9.44	82	29566	6.53	ng	98
26) 2-Nitrophenol	9.63	139	5806	5.89	ng	# 64
27) 2,4-Dimethylphenol	9.70	122	9909	6.01	ng	# 94
28) bis(2-Chloroethoxy)methane	9.93	93	15240	6.82	ng	# 87
29) 2,4-Dichlorophenol	10.16	162	10295	6.18	ng	78
30) 1,2,4-Trichlorobenzene	10.38	180	15277	7.00	ng	# 96
31) Naphthalene	10.56	128	32672	6.15	ng	# 92
32) Benzoic acid	9.84	122	430	0.57	ng	# 75
33) 4-Chloroaniline	10.68	127	10133	4.69	ng	# 92
34) Hexachlorobutadiene	10.85	225	12494	6.16	ng	# 82
35) Caprolactam	11.42	113	4781	6.52	ng	# 68
36) 4-Chloro-3-methylphenol	11.81	107	13950	6.42	ng	# 92
37) 2-Methylnaphthalene	12.18	142	25489	6.41	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.55	216	18780	6.15	ng	# 97
40) Hexachlorocyclopentadiene	12.53	237	9892	4.87	ng	85

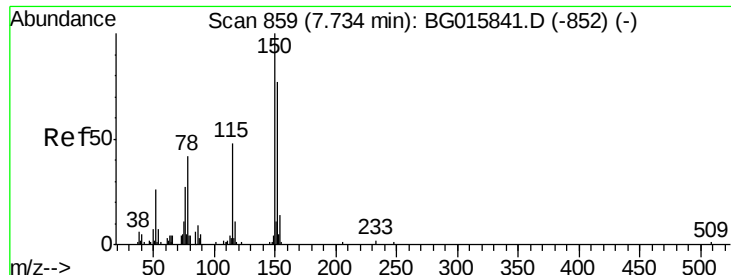
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG010515\
 Data File : BG015850.D
 Acq On : 5 Jan 2015 19:36
 Operator : TP/IZ
 Sample : G1001-03-S
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Quant Time: Jan 06 06:14:00 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG010515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 06 06:05:51 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.87	196	11103	5.93	ng	93
43) 2,4,5-Trichlorophenol	12.87	196	11103	5.41	ng	92
45) 1,1'-Biphenyl	13.20	154	36096	6.16	ng	93
46) 2-Chloronaphthalene	13.23	162	30328	6.50	ng	97
47) 2-Nitroaniline	13.45	65	9233	6.05	ng	# 86
48) Acenaphthylene	14.09	152	45498	5.70	ng	# 91
49) Dimethylphthalate	13.82	163	38057	6.29	ng	# 89
50) 2,6-Dinitrotoluene	13.94	165	8938	6.85	ng	# 90
51) Acenaphthene	14.43	154	29706	6.33	ng	83
52) 3-Nitroaniline	14.27	138	6460	5.20	ng	# 94
53) 2,4-Dinitrophenol	14.49	184	1610	2.22	ng	# 88
54) Dibenzofuran	14.76	168	45140	5.93	ng	# 84
55) 4-Nitrophenol	14.59	139	5213	5.10	ng	# 76
56) 2,4-Dinitrotoluene	14.73	165	12243	6.51	ng	# 90
57) Fluorene	15.41	166	38118	6.15	ng	90
58) 2,3,4,6-Tetrachlorophenol	14.99	232	12985	5.61	ng	# 94
59) Diethylphthalate	15.19	149	40409	6.04	ng	99
60) 4-Chlorophenyl-phenylether	15.41	204	26565	6.56	ng	95
61) 4-Nitroaniline	15.44	138	8170	5.60	ng	# 82
62) Azobenzene	15.70	77	42000	5.83	ng	95
64) 4,6-Dinitro-2-methylphenol	15.50	198	5889	4.50	ng	93
65) n-Nitrosodiphenylamine	15.63	169	33762	6.17	ng	93
66) 4-Bromophenyl-phenylether	16.31	248	18379	7.04	ng	90
67) Hexachlorobenzene	16.42	284	21355	7.22	ng	99
68) Atrazine	16.58	200	15712	6.42	ng	92
69) Pentachlorophenol	16.77	266	6515	3.73	ng	# 72
70) Phenanthrene	17.15	178	65437	6.46	ng	100
71) Anthracene	17.24	178	67156	6.67	ng	97
72) Carbazole	17.52	167	58989	6.11	ng	99
73) Di-n-butylphthalate	18.08	149	75356	6.63	ng	99
74) Fluoranthene	19.17	202	99355	6.48	ng	99
76) Benzidine	19.36	184	22633	3.20	ng	# 92
77) Pyrene	19.53	202	106481	6.53	ng	98
79) Butylbenzylphthalate	20.43	149	37794	6.18	ng	97
80) Benzo(a)anthracene	21.28	228	117960	6.51	ng	94
81) 3,3'-Dichlorobenzidine	21.21	252	28381	4.27	ng	# 83
82) Chrysene	21.33	228	108418	6.51	ng	99
83) Bis(2-ethylhexyl)phthalate	21.21	149	55757	6.27	ng	97
84) Di-n-octyl phthalate	22.09	149	90191	6.23	ng	100
85) Indeno(1,2,3-cd)pyrene	25.86	276	119083	6.05	ng	96
87) Benzo(b)fluoranthene	22.87	252	110838	6.28	ng	93
88) Benzo(k)fluoranthene	22.92	252	110493	6.50	ng	# 97
89) Benzo(a)pyrene	23.46	252	102259	6.43	ng	# 97
90) Dibenzo(a,h)anthracene	25.87	278	100552	6.43	ng	98
91) Benzo(g,h,i)perylene	26.56	276	102499	6.60	ng	# 97

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

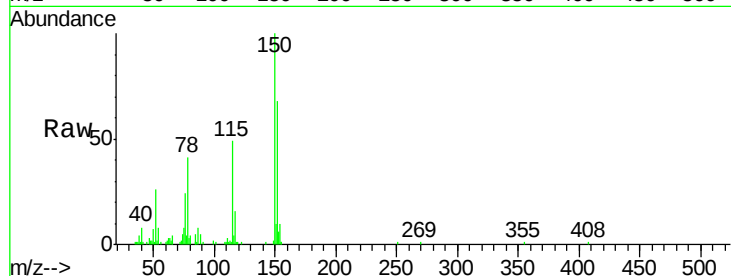


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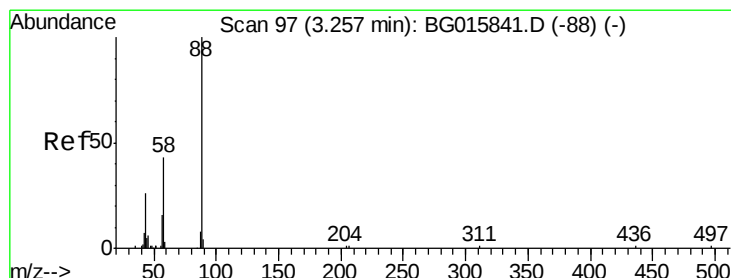
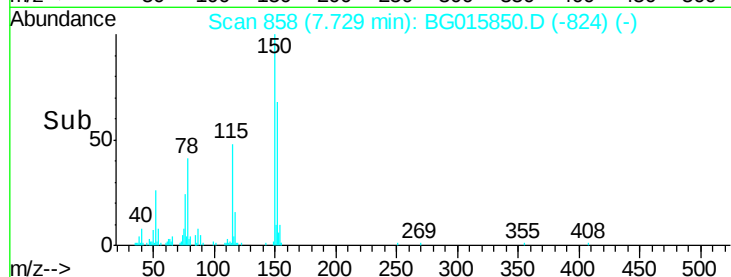
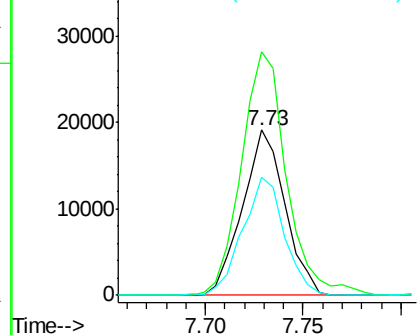
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.73 min Scan# 858
Delta R.T. -0.00 min
Lab File: BG015850.D
Acq: 5 Jan 2015 19:36

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:152 Resp: 28832
Ion Ratio Lower Upper
152 100
150 147.3 103.9 155.9
115 71.5 50.2 75.2



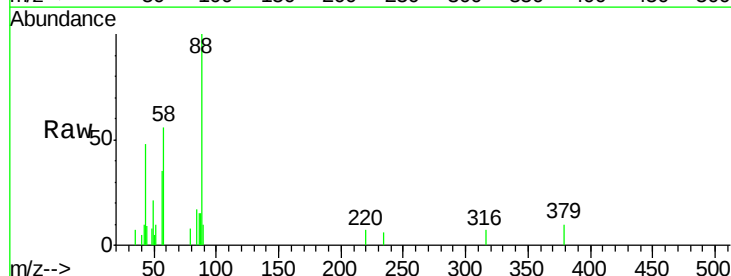
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



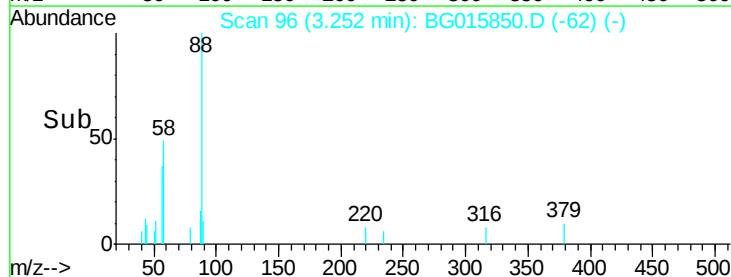
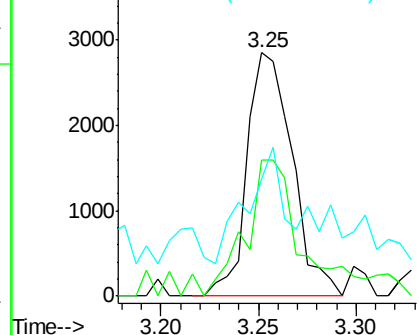
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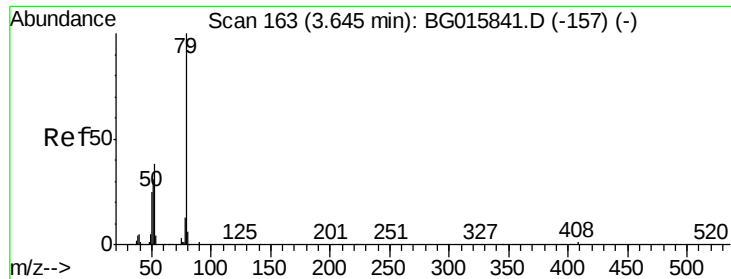
1,4-Dioxane
Concen: 5.94 ng
RT: 3.25 min Scan# 96
Delta R.T. -0.00 min
Lab File: BG015850.D
Acq: 5 Jan 2015 19:36

Tgt Ion: 88 Resp: 4570
Ion Ratio Lower Upper
88 100
58 68.3 37.9 56.9#
43 39.5 20.7 31.1#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 5.33 ng

RT: 3.65 min Scan# 163

Delta R.T. 0.00 min

Lab File: BG015850.D

Acq: 5 Jan 2015 19:36

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

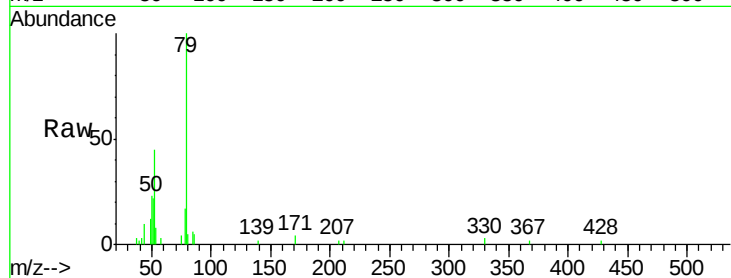
Tgt Ion: 79 Resp: 11244

Ion Ratio Lower Upper

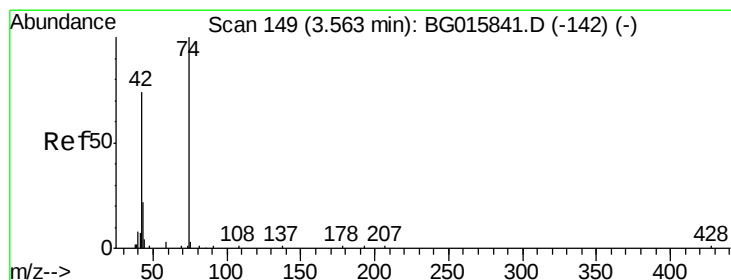
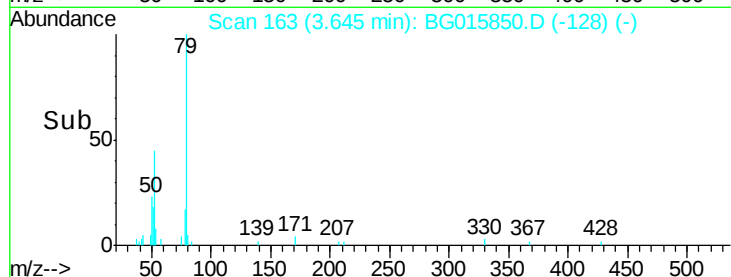
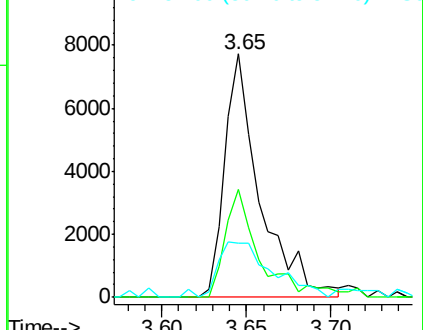
79 100

52 44.6 30.6 46.0

51 22.4 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: 6.74 ng

RT: 3.57 min Scan# 150

Delta R.T. 0.00 min

Lab File: BG015850.D

Acq: 5 Jan 2015 19:36

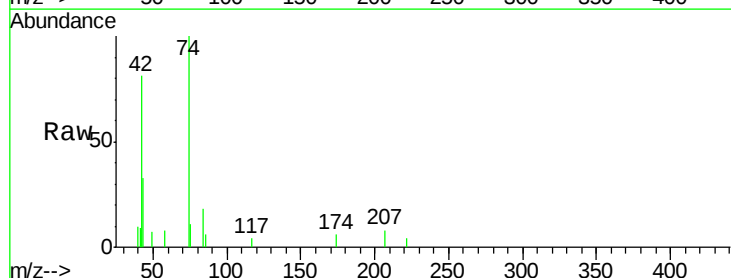
Tgt Ion: 42 Resp: 6108

Ion Ratio Lower Upper

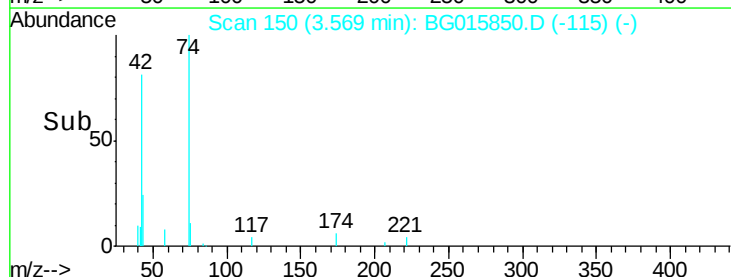
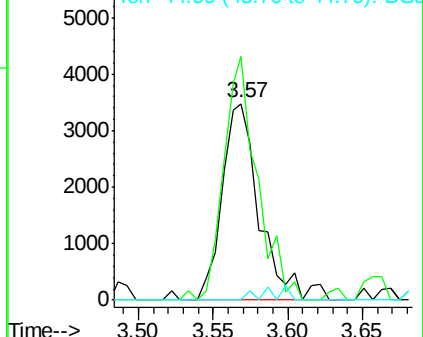
42 100

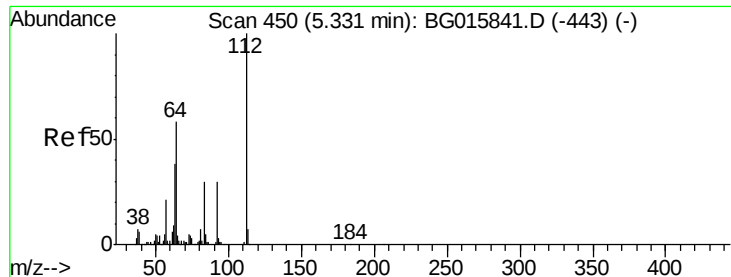
74 124.1 108.8 163.2

44 0.0 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: 63.46 ng

RT: 5.33 min Scan# 450

Delta R.T. 0.00 min

Lab File: BG015850.D

Acq: 5 Jan 2015 19:36

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

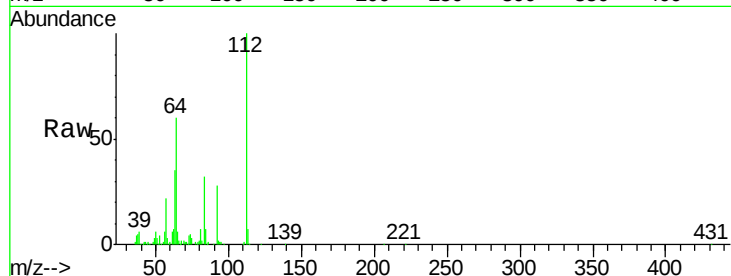
Tgt Ion: 112 Resp: 212741

Ion Ratio Lower Upper

112 100

64 59.6 46.8 70.2

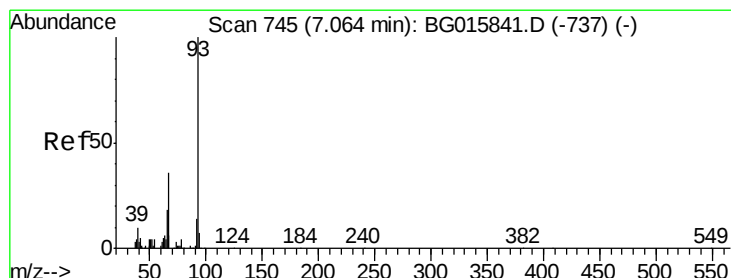
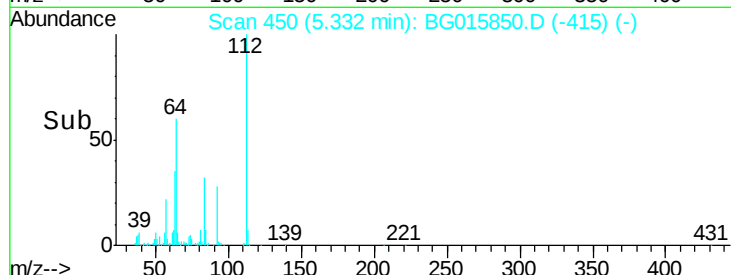
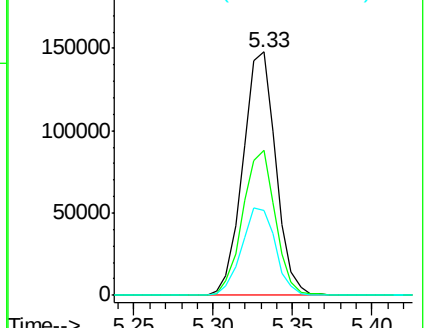
63 34.9 30.6 45.8



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: 3.77 ng

RT: 7.06 min Scan# 745

Delta R.T. 0.00 min

Lab File: BG015850.D

Acq: 5 Jan 2015 19:36

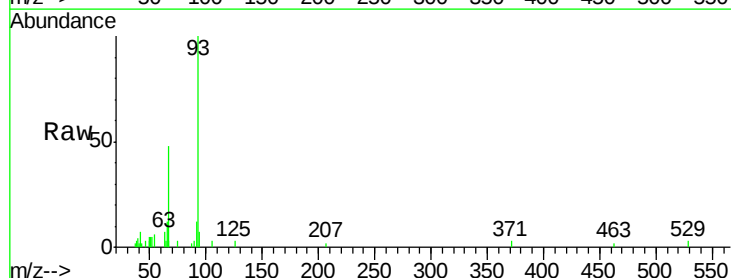
Tgt Ion: 93 Resp: 11910

Ion Ratio Lower Upper

93 100

66 48.1 28.7 43.1#

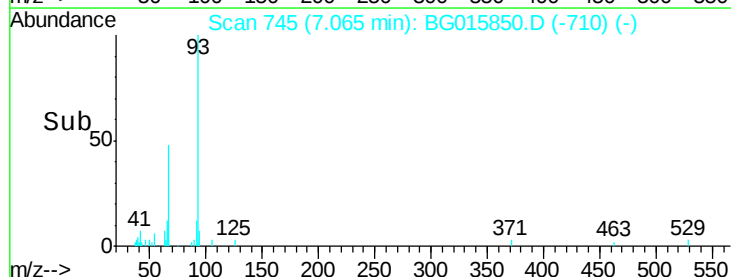
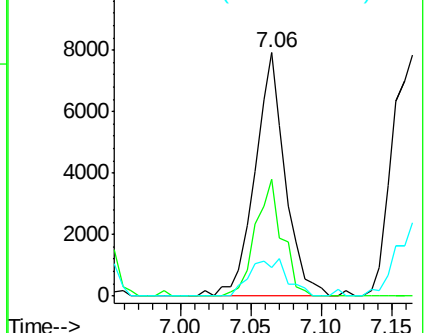
65 11.7 14.7 22.1#

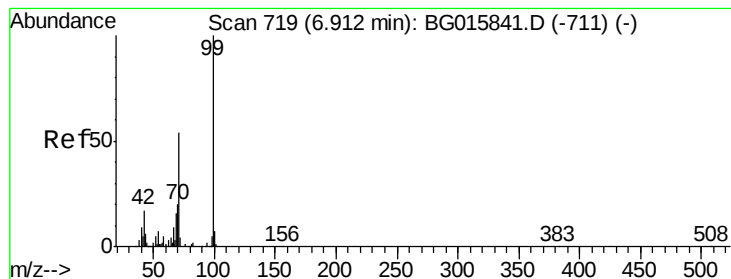


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 61.65 ng

RT: 6.91 min Scan# 719

Delta R.T. -0.00 min

Lab File: BG015850.D

Acq: 5 Jan 2015 19:36

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

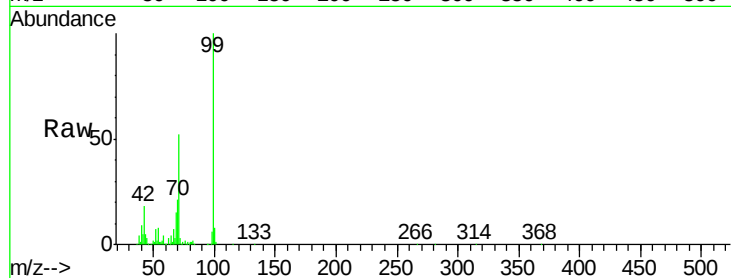
Tgt Ion: 99 Resp: 287849

Ion Ratio Lower Upper

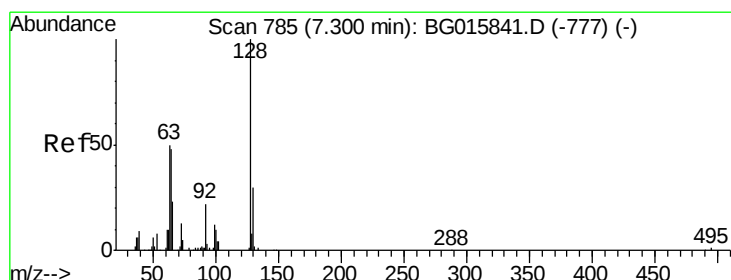
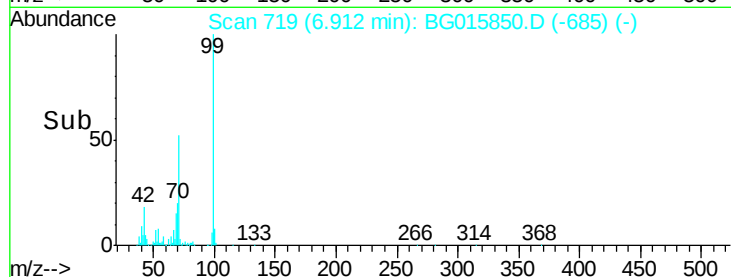
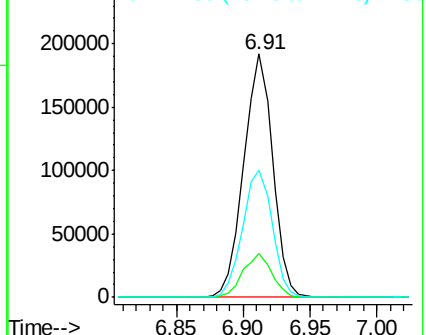
99 100

42 17.9 13.8 20.8

71 52.1 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: 6.54 ng

RT: 7.30 min Scan# 785

Delta R.T. 0.00 min

Lab File: BG015850.D

Acq: 5 Jan 2015 19:36

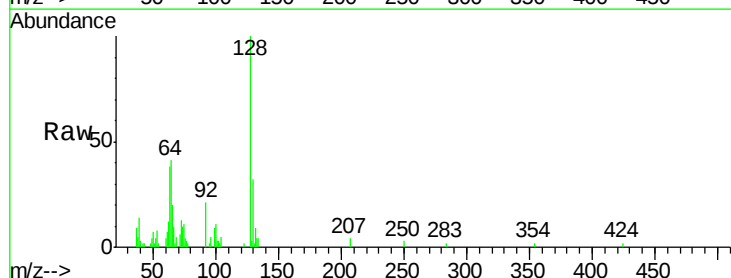
Tgt Ion: 128 Resp: 11300

Ion Ratio Lower Upper

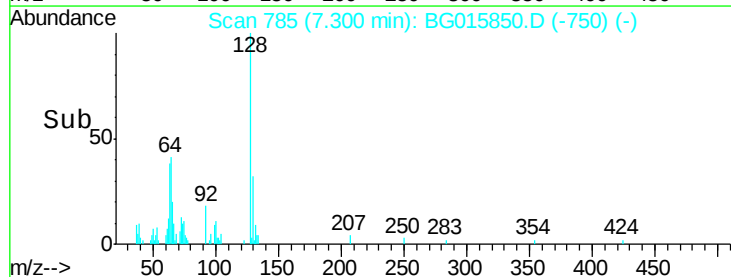
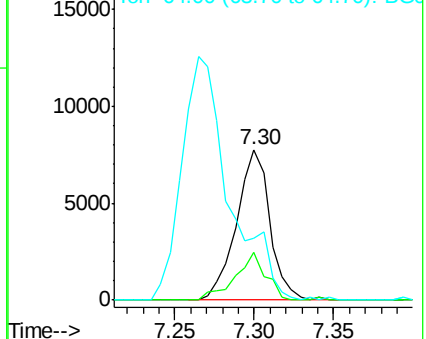
128 100

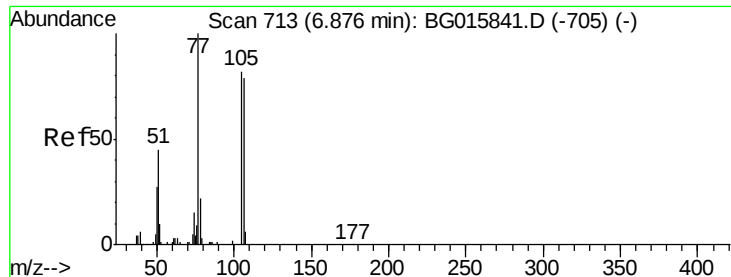
130 32.1 10.6 50.6

64 40.9 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: 7.36 ng

RT: 6.87 min Scan# 712

Delta R.T. -0.01 min

Lab File: BG015850.D

Acq: 5 Jan 2015 19:36

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

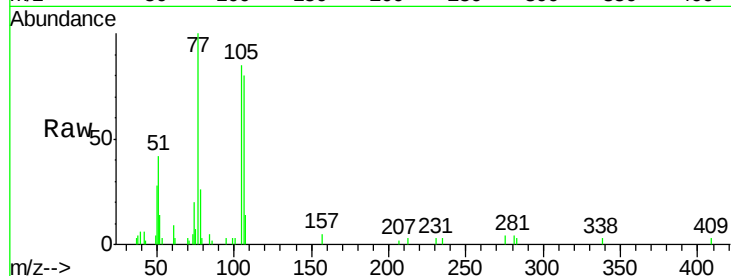
Tgt Ion: 77 Resp: 11574

Ion Ratio Lower Upper

77 100

105 85.0 62.4 102.4

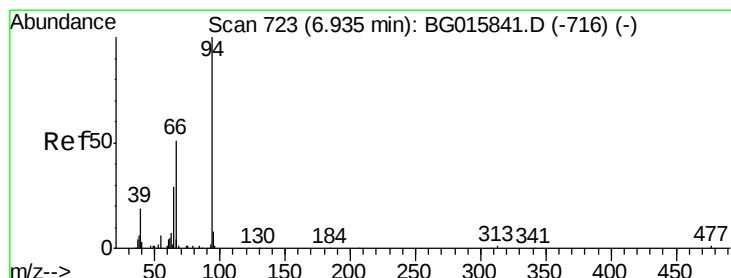
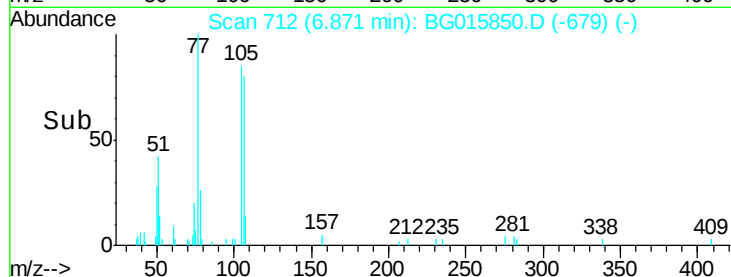
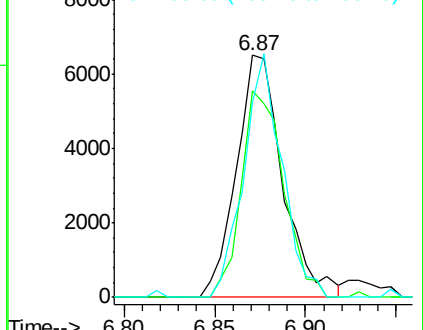
106 80.3 59.5 99.5



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: 6.12 ng

RT: 6.94 min Scan# 724

Delta R.T. 0.00 min

Lab File: BG015850.D

Acq: 5 Jan 2015 19:36

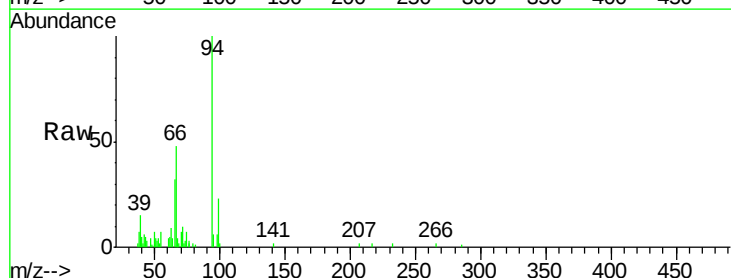
Tgt Ion: 94 Resp: 15567

Ion Ratio Lower Upper

94 100

65 32.0 9.7 49.7

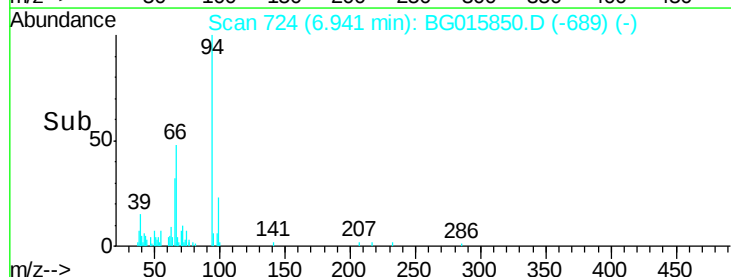
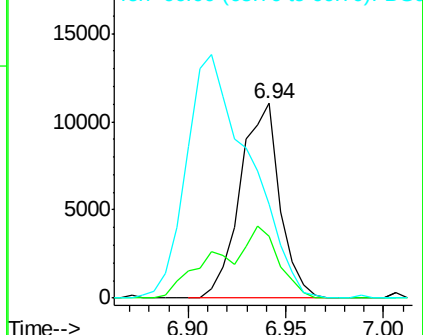
66 48.1 33.8 73.8

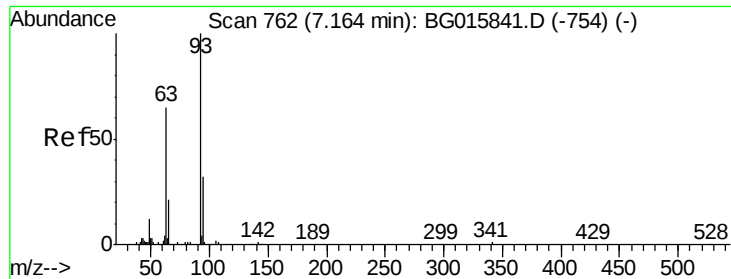


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

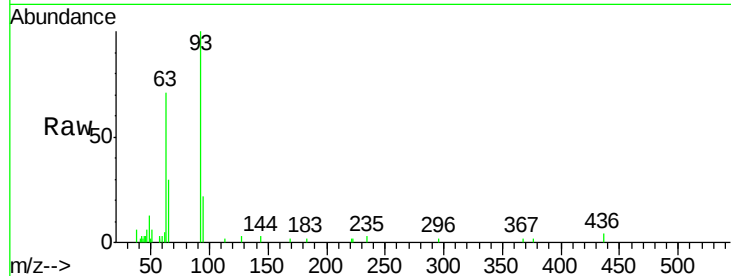




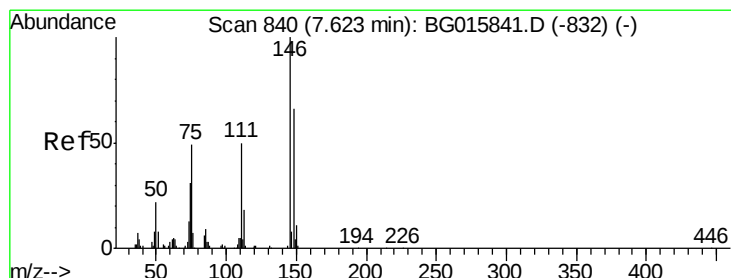
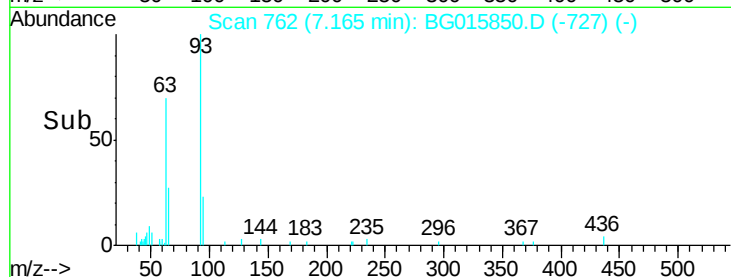
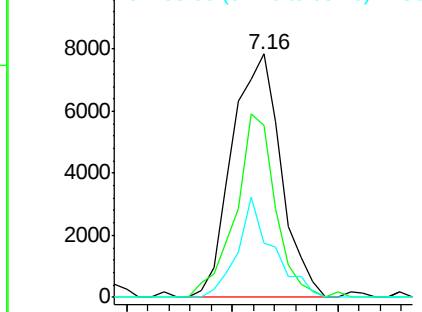
#11
bis(2-Chloroethyl)ether
Concen: 6.72 ng
RT: 7.16 min Scan# 762
Delta R.T. 0.00 min
Lab File: BG015850.D
Acq: 5 Jan 2015 19:36

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:	93	Resp:	12585
Ion	Ratio	Lower	Upper
93	100		
63	70.7	45.1	85.1
95	22.3	12.1	52.1

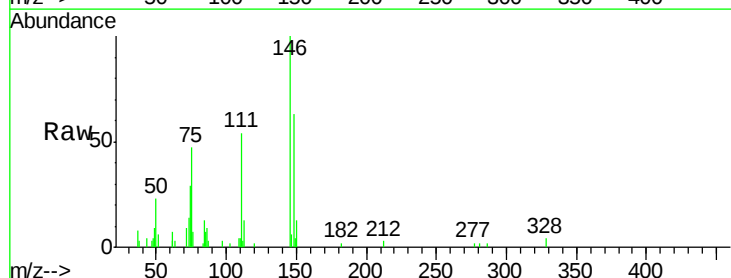


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

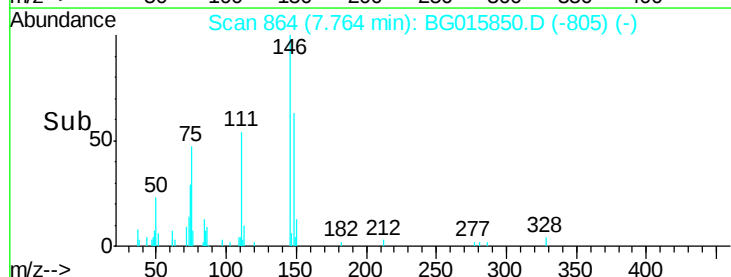
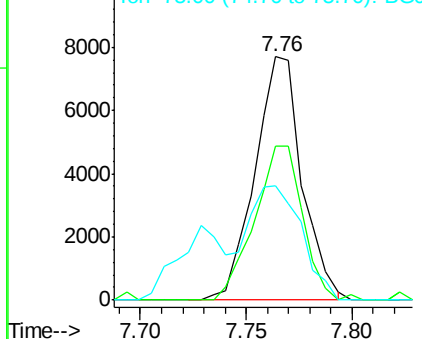


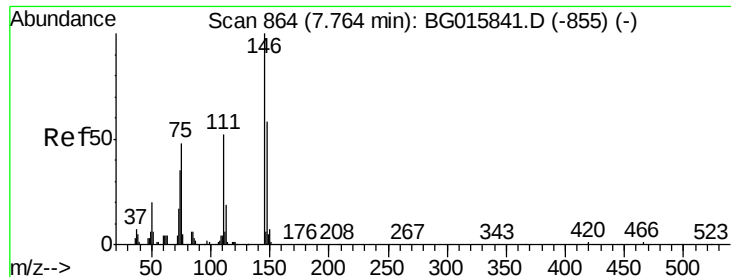
#12
1,3-Dichlorobenzene
Concen: 5.76 ng
RT: 7.76 min Scan# 864
Delta R.T. 0.14 min
Lab File: BG015850.D
Acq: 5 Jan 2015 19:36

Tgt Ion:	146	Resp:	11934
Ion	Ratio	Lower	Upper
146	100		
148	59.7	52.5	78.7
75	44.3	38.9	58.3



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC

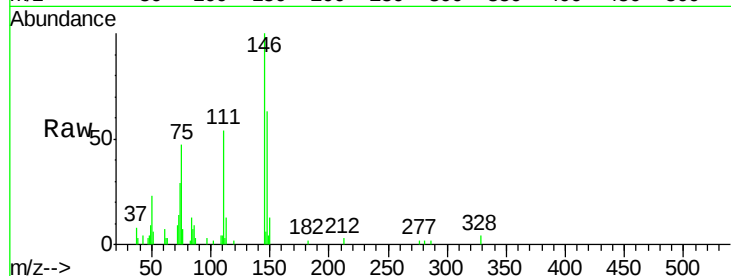




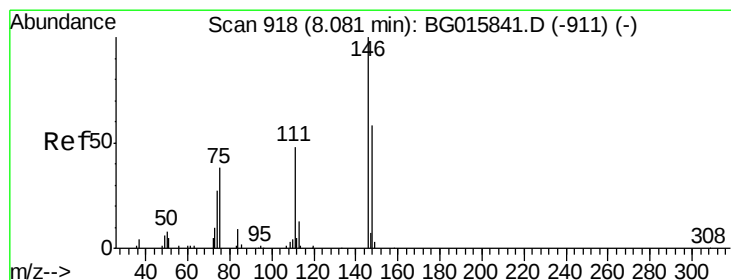
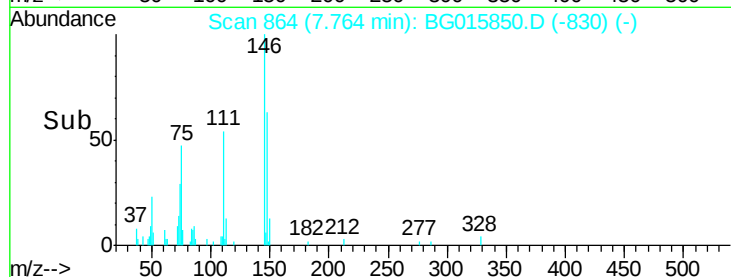
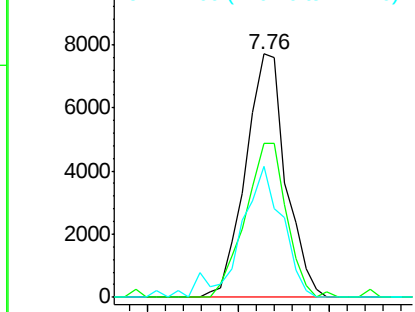
#13
 1,4-Dichlorobenzene
 Concen: 5.65 ng
 RT: 7.76 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: BG015850.D
 Acq: 5 Jan 2015 19:36

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

Tgt Ion:146 Resp: 11934
 Ion Ratio Lower Upper
 146 100
 148 59.7 46.5 69.7
 111 50.6 41.8 62.6

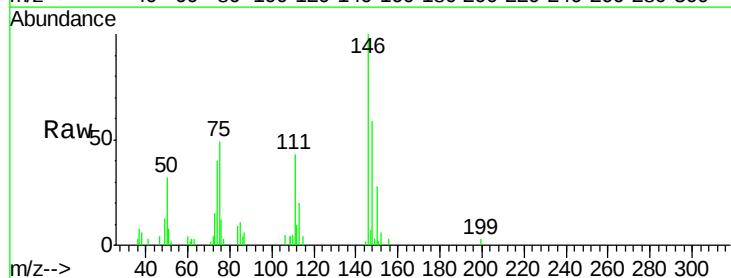


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

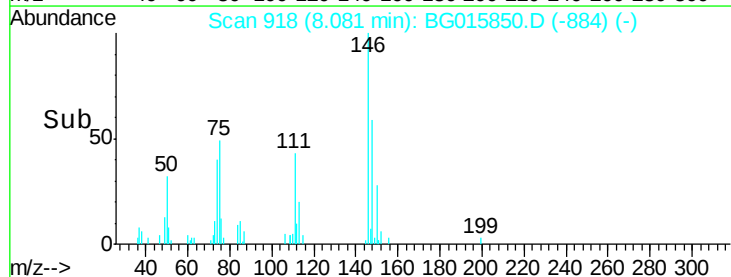
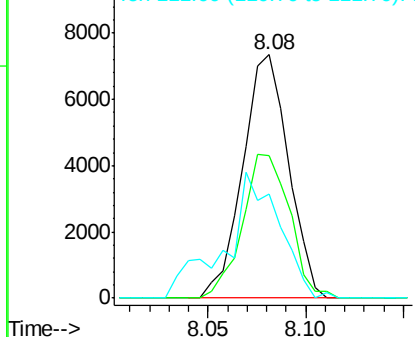


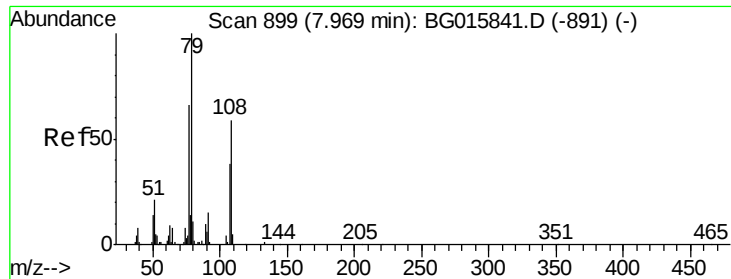
#14
 1,2-Dichlorobenzene
 Concen: 5.95 ng
 RT: 8.08 min Scan# 918
 Delta R.T. -0.00 min
 Lab File: BG015850.D
 Acq: 5 Jan 2015 19:36

Tgt Ion:146 Resp: 11935
 Ion Ratio Lower Upper
 146 100
 148 58.6 46.7 70.1
 111 42.9 39.6 59.4



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

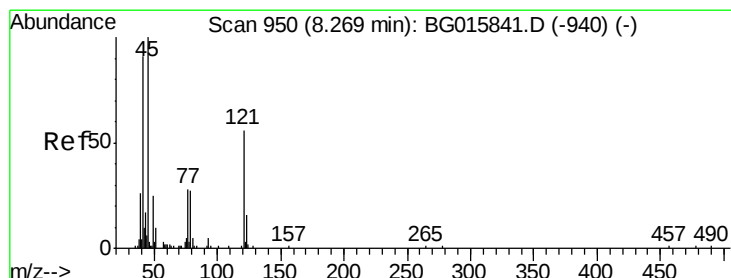
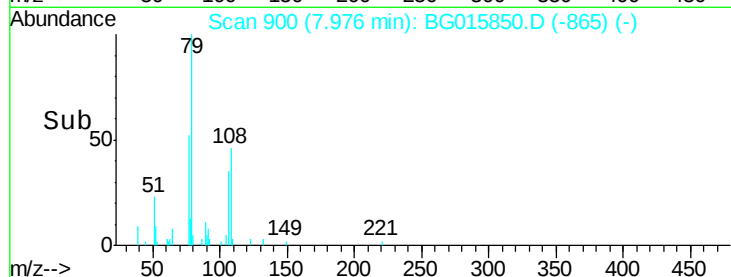
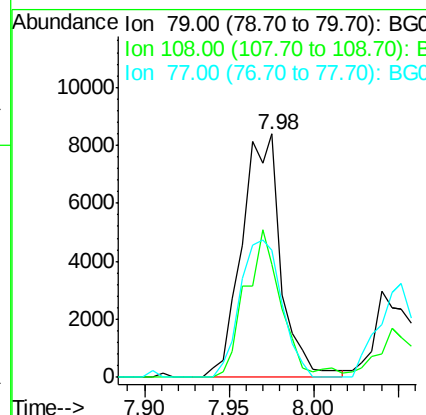
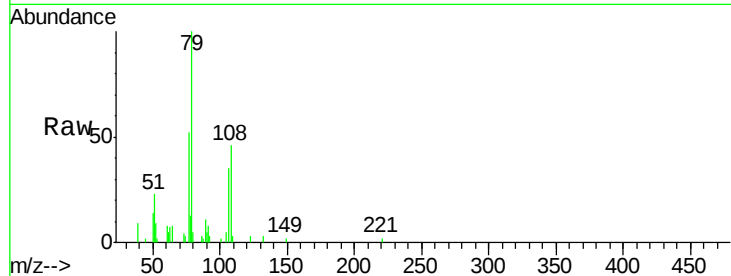




#15
Benzyl Alcohol
Concen: 5.93 ng
RT: 7.98 min Scan# 900
Delta R.T. 0.00 min
Lab File: BG015850.D
Acq: 5 Jan 2015 19:36

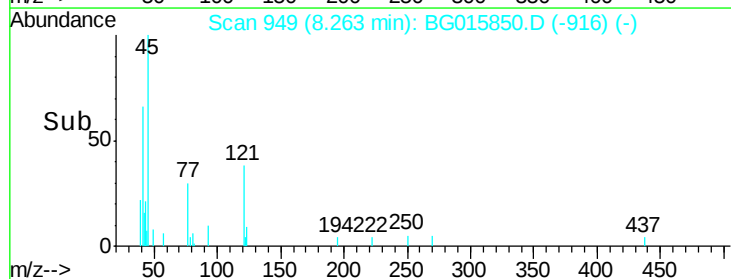
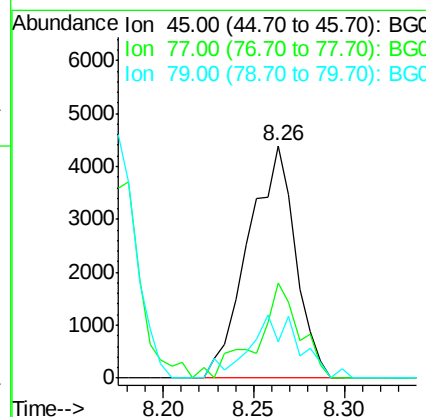
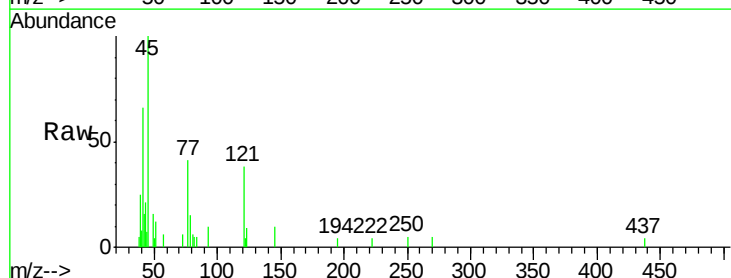
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

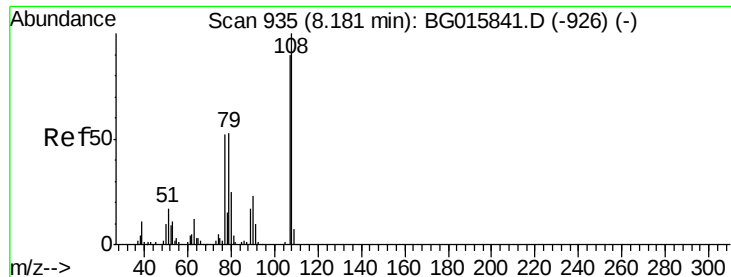
Tgt Ion: 79 Resp: 13518
Ion Ratio Lower Upper
79 100
108 46.3 47.0 70.4#
77 52.3 53.1 79.7#



#16
2,2'-oxybis(1-Chloropropane)
Concen: 6.66 ng
RT: 8.26 min Scan# 949
Delta R.T. -0.01 min
Lab File: BG015850.D
Acq: 5 Jan 2015 19:36

Tgt Ion: 45 Resp: 7964
Ion Ratio Lower Upper
45 100
77 40.8 9.7 49.7
79 15.4 7.8 47.8

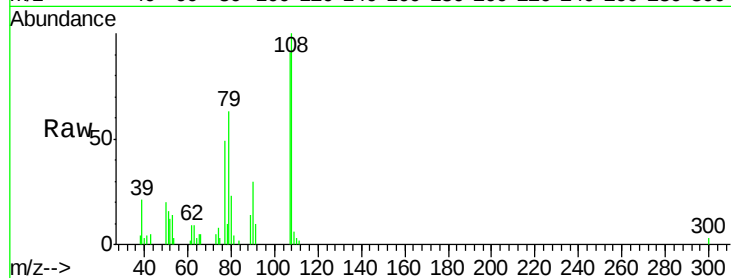




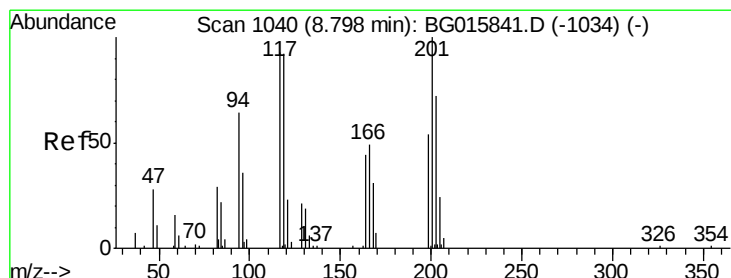
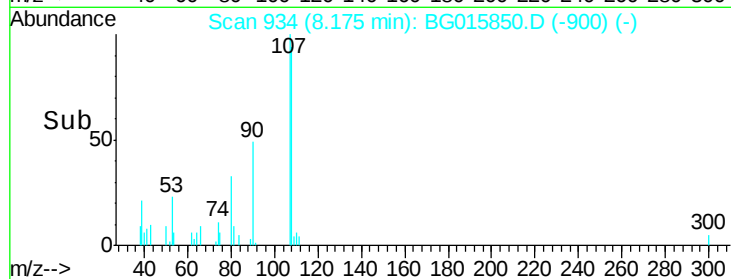
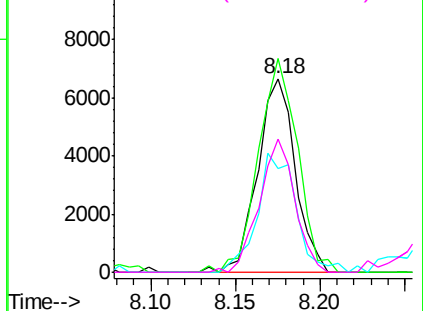
#17
2-Methylphenol
Concen: 5.90 ng
RT: 8.18 min Scan# 934
Delta R.T. -0.00 min
Lab File: BG015850.D
Acq: 5 Jan 2015 19:36

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:	107	Resp:	10237
Ion	Ratio	Lower	Upper
107	100		
108	110.3	88.9	133.3
77	53.8	46.6	69.8
79	69.1	47.6	71.4

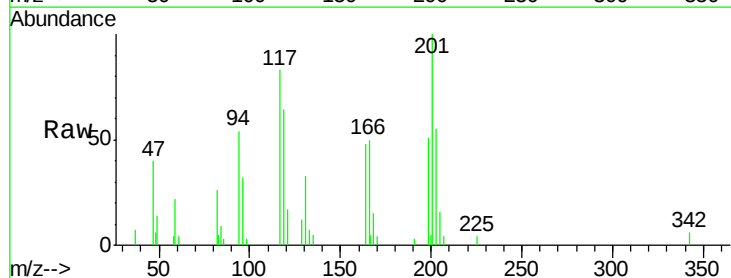


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

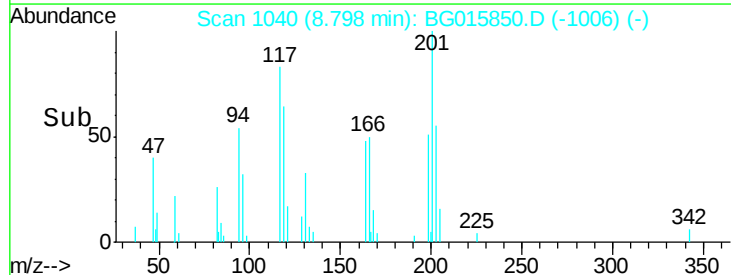
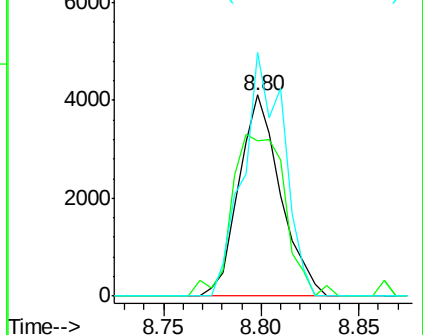


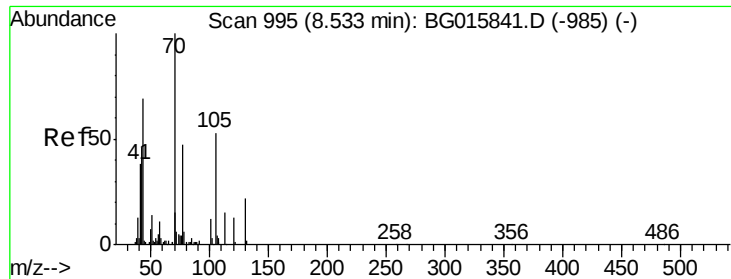
#18
Hexachloroethane
Concen: 6.21 ng
RT: 8.80 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BG015850.D
Acq: 5 Jan 2015 19:36

Tgt Ion:	117	Resp:	6062
Ion	Ratio	Lower	Upper
117	100		
119	77.4	79.5	119.3#
201	121.1	84.8	127.2



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

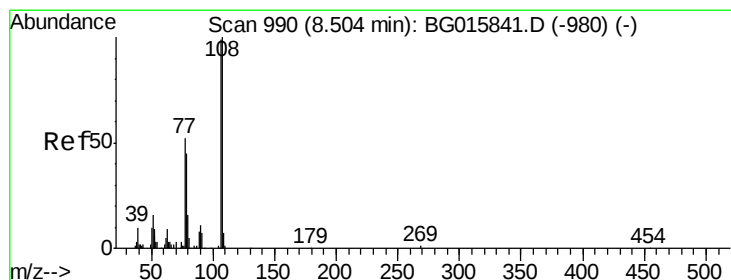
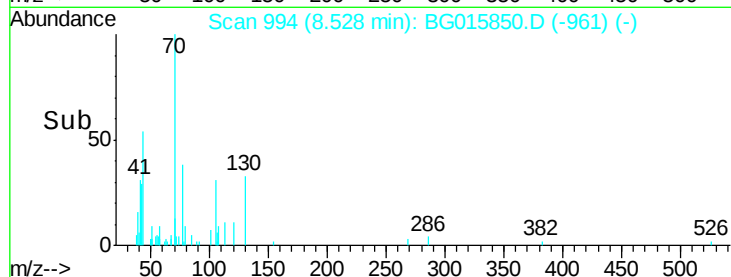
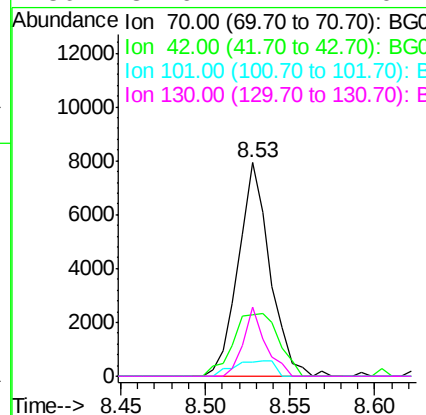
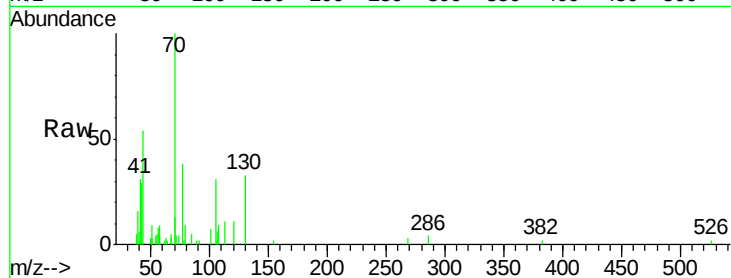




#19
n-Nitroso-di-n-propylamine
Concen: 5.67 ng
RT: 8.53 min Scan# 994
Delta R.T. -0.01 min
Lab File: BG015850.D
Acq: 5 Jan 2015 19:36

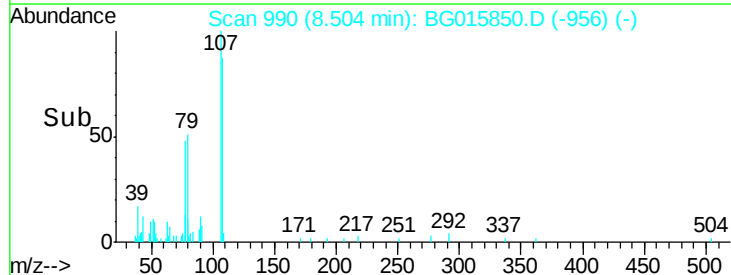
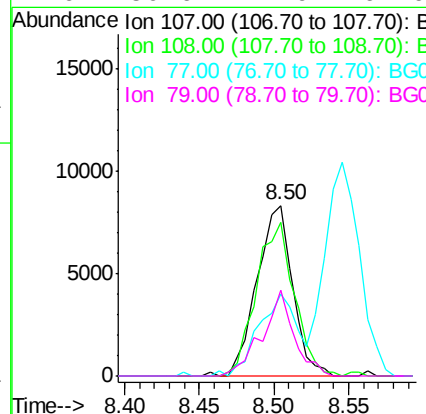
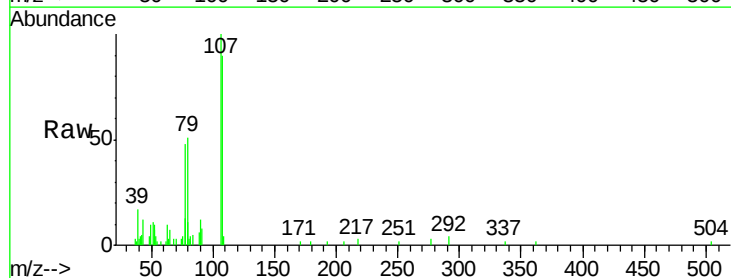
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

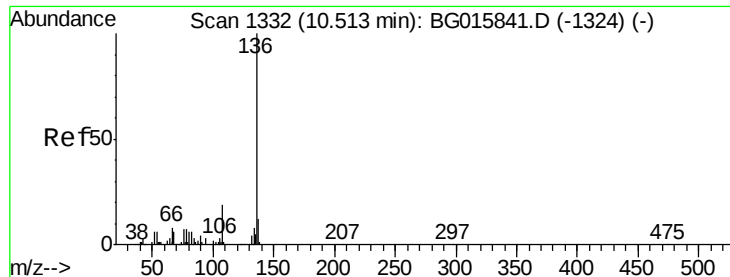
Tgt Ion:	70	Resp:	10337
Ion	Ratio	Lower	Upper
70	100		
42	29.0	36.6	54.8#
101	6.8	9.4	14.2#
130	32.6	17.4	26.2#



#20
3+4-Methylphenols
Concen: 5.91 ng
RT: 8.50 min Scan# 990
Delta R.T. -0.00 min
Lab File: BG015850.D
Acq: 5 Jan 2015 19:36

Tgt Ion:	107	Resp:	13671
Ion	Ratio	Lower	Upper
107	100		
108	89.9	80.9	120.9
77	48.1	32.1	72.1
79	50.6	24.9	64.9

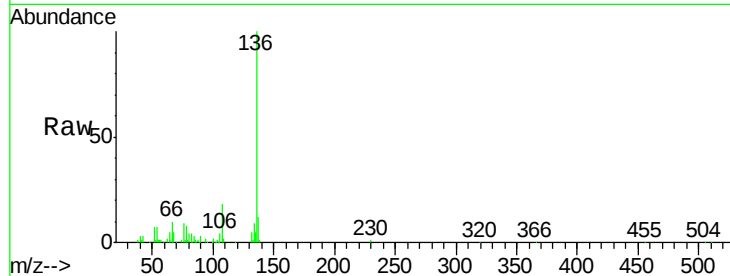




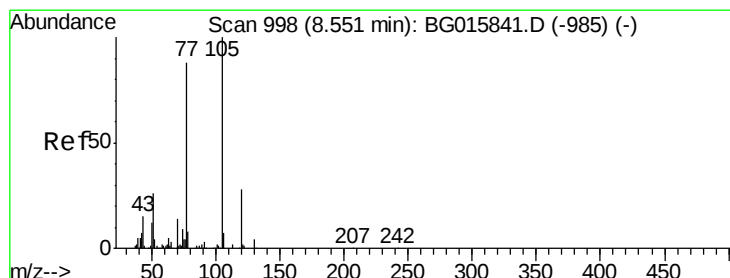
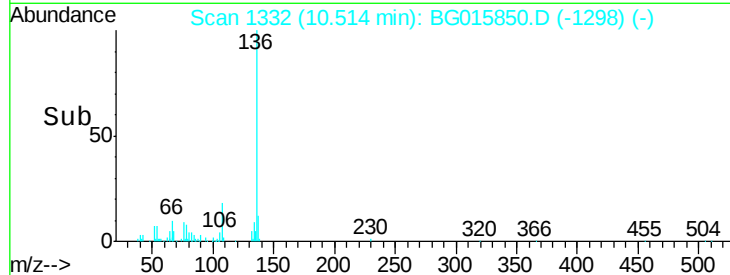
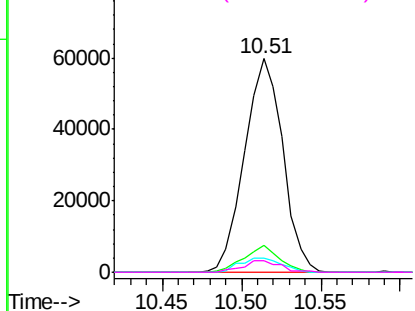
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.51 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BG015850.D
Acq: 5 Jan 2015 19:36

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:	136	Resp:	100243
Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.6	14.4
54	6.7	4.5	6.7
68	5.1	5.0	7.4

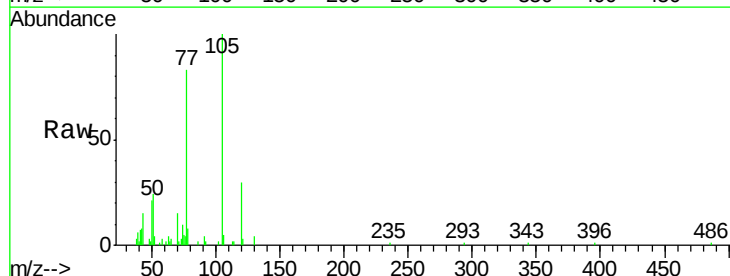


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

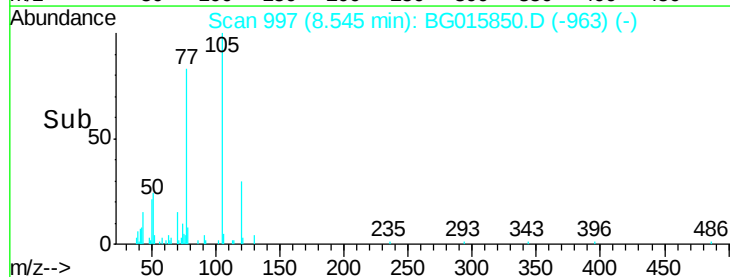
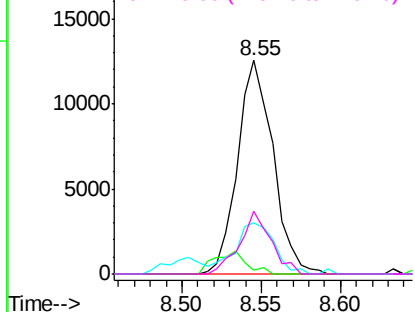


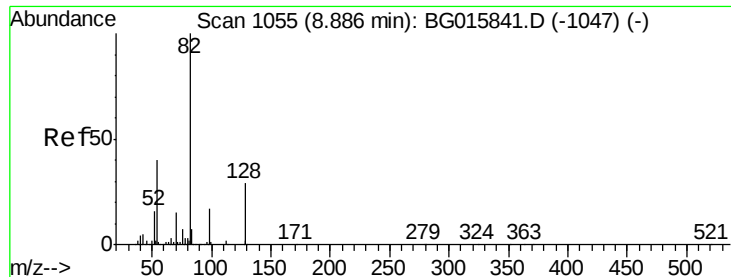
#22
Acetophenone
Concen: 6.61 ng
RT: 8.55 min Scan# 997
Delta R.T. -0.00 min
Lab File: BG015850.D
Acq: 5 Jan 2015 19:36

Tgt Ion:	105	Resp:	19439
Ion	Ratio	Lower	Upper
105	100		
71	1.8	0.9	1.3#
51	24.2	21.4	32.2
120	29.5	22.5	33.7



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

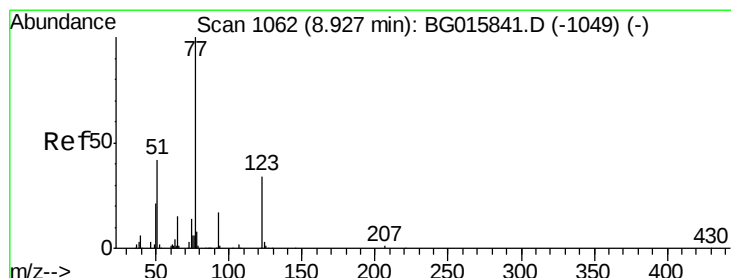
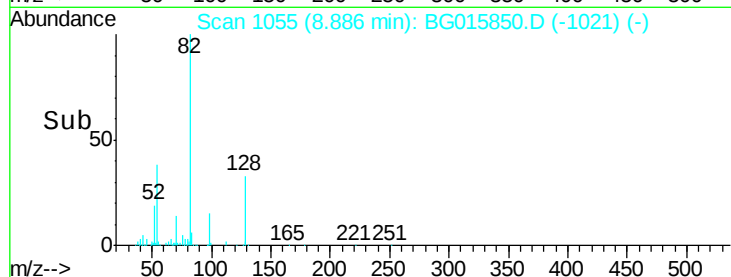
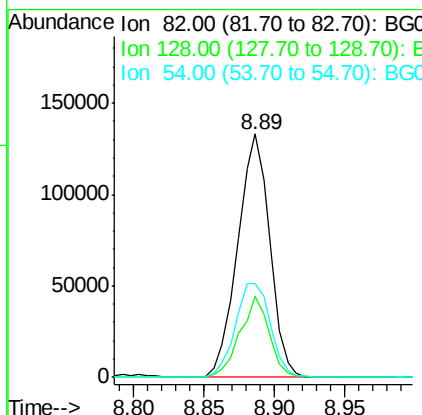
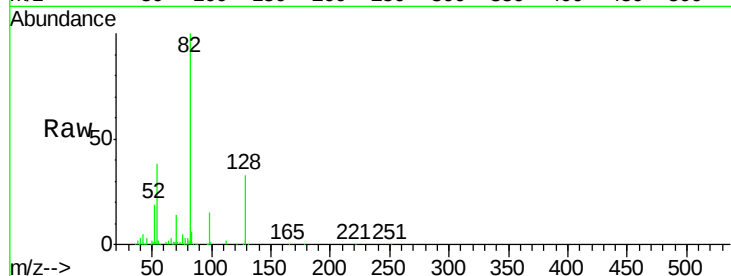




#23
 Nitrobenzene-d5
 Concen: 41.38 ng
 RT: 8.89 min Scan# 1055
 Delta R.T. -0.00 min
 Lab File: BG015850.D
 Acq: 5 Jan 2015 19:36

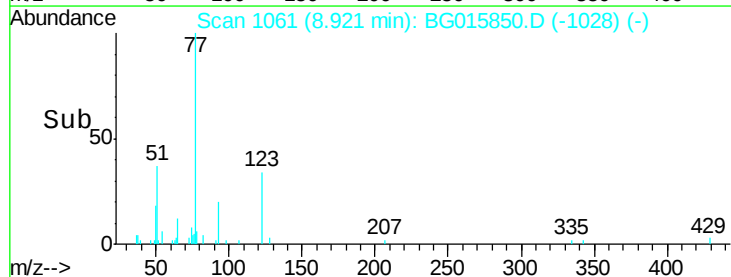
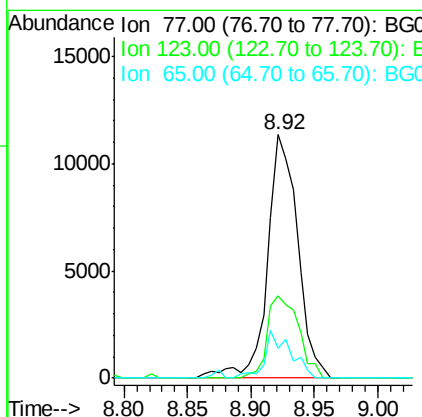
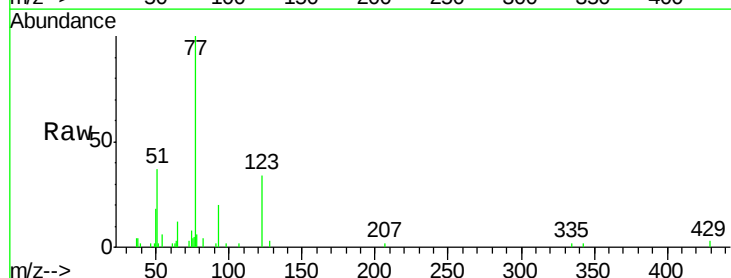
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

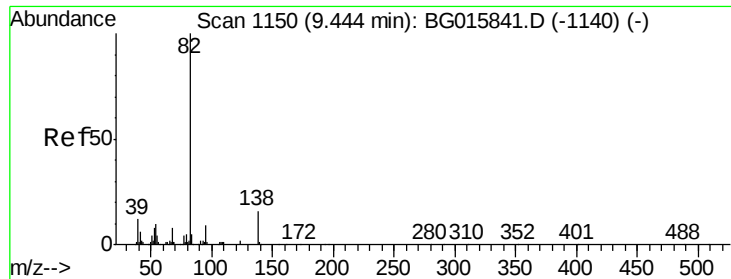
Tgt Ion: 82 Resp: 211423
 Ion Ratio Lower Upper
 82 100
 128 33.2 23.4 35.0
 54 38.4 32.3 48.5



#24
 Nitrobenzene
 Concen: 7.29 ng
 RT: 8.92 min Scan# 1061
 Delta R.T. -0.01 min
 Lab File: BG015850.D
 Acq: 5 Jan 2015 19:36

Tgt Ion: 77 Resp: 18774
 Ion Ratio Lower Upper
 77 100
 123 33.8 27.0 40.4
 65 12.2 12.0 18.0





#25

Isophorone

Concen: 6.53 ng

RT: 9.44 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BG015850.D

Acq: 5 Jan 2015 19:36

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

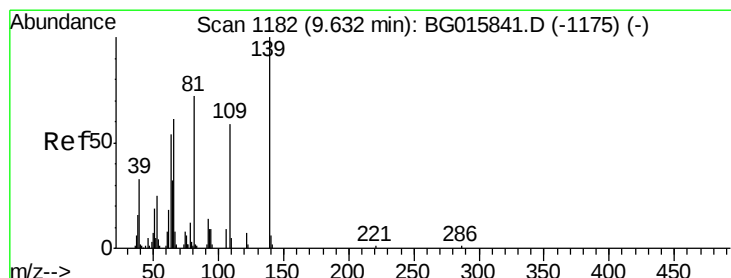
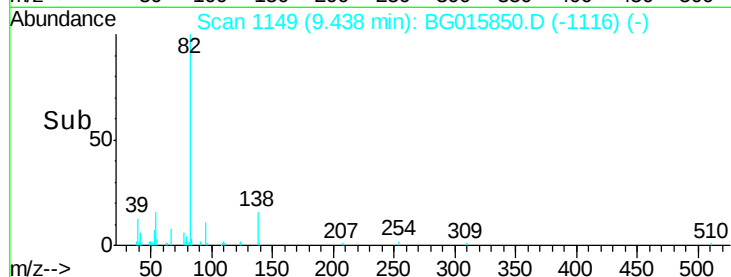
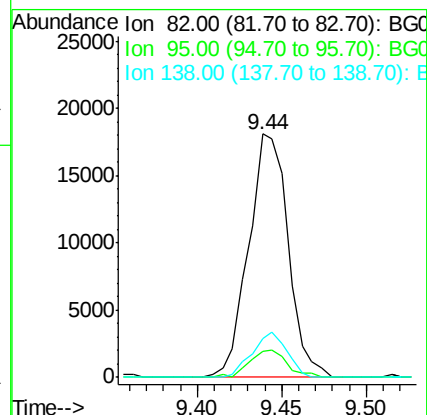
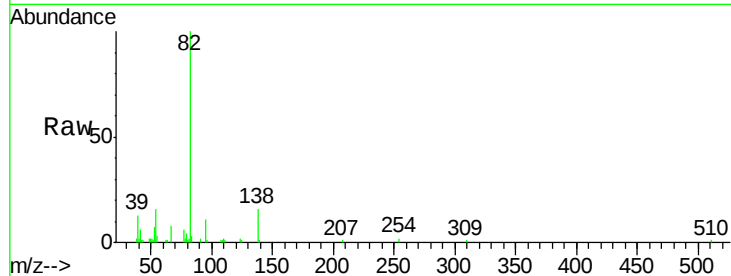
Tgt Ion: 82 Resp: 29566

Ion Ratio Lower Upper

82 100

95 10.8 7.5 11.3

138 16.2 12.6 18.8



#26

2-Nitrophenol

Concen: 5.89 ng

RT: 9.63 min Scan# 1182

Delta R.T. -0.00 min

Lab File: BG015850.D

Acq: 5 Jan 2015 19:36

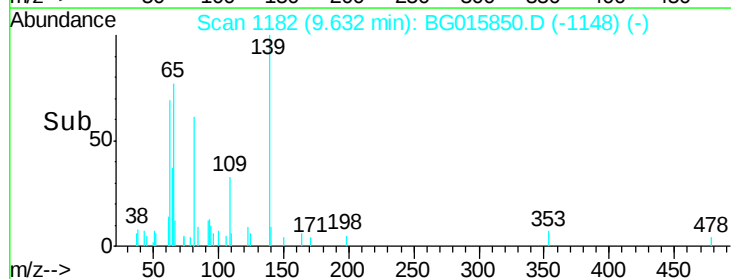
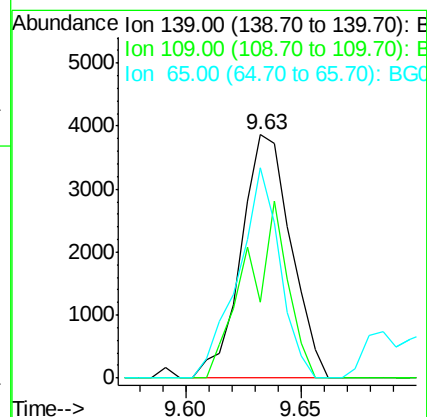
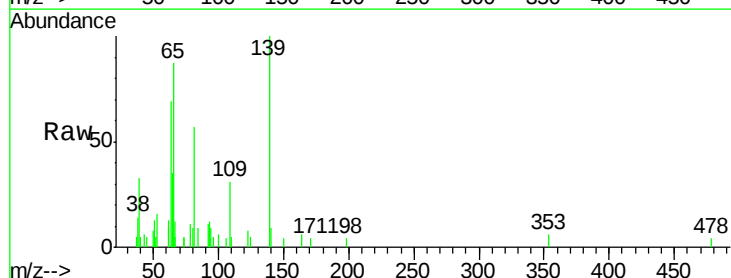
Tgt Ion: 139 Resp: 5806

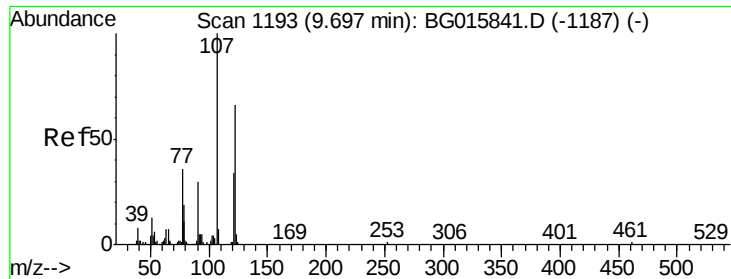
Ion Ratio Lower Upper

139 100

109 31.0 47.0 70.4#

65 86.5 48.5 72.7#

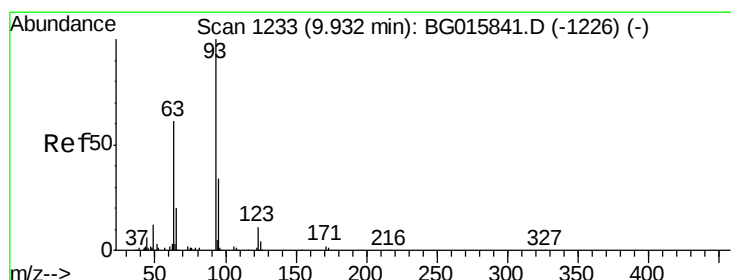
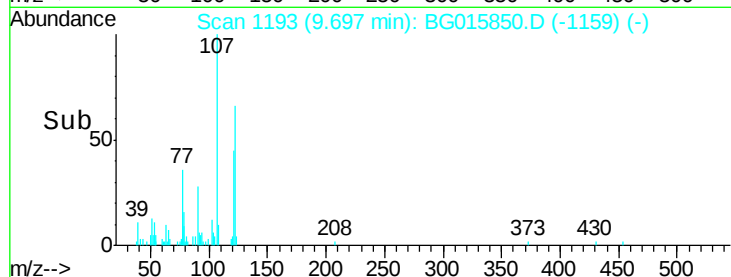
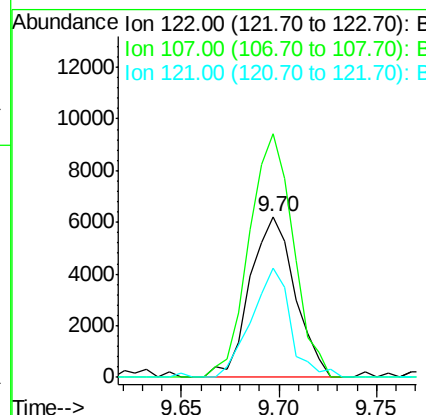
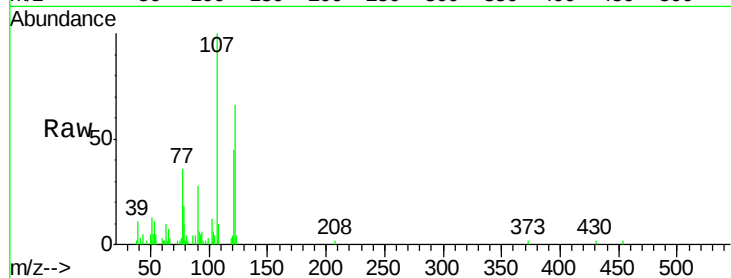




#27
 2,4-Dimethylphenol
 Concen: 6.01 ng
 RT: 9.70 min Scan# 1193
 Delta R.T. -0.00 min
 Lab File: BG015850.D
 Acq: 5 Jan 2015 19:36

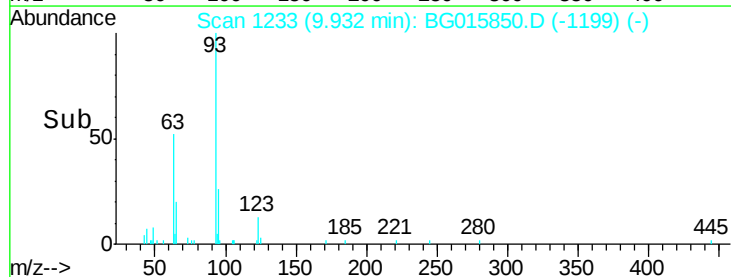
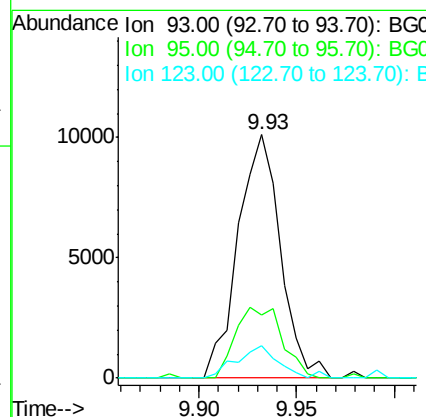
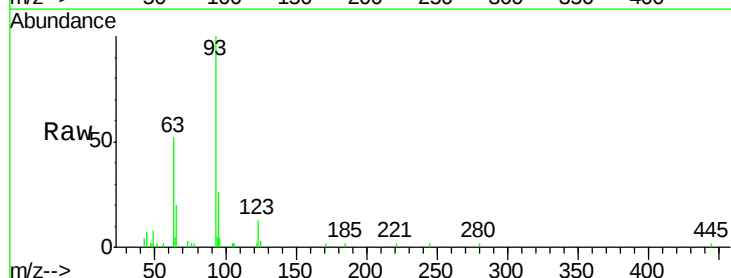
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

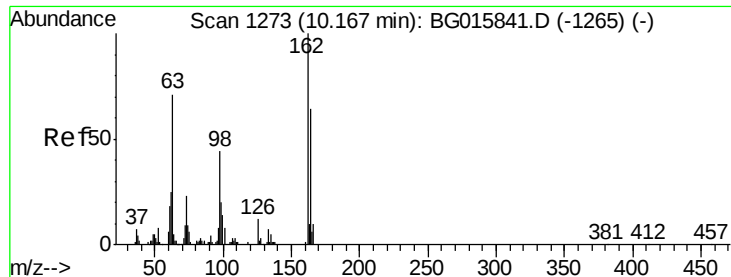
Tgt Ion: 122 Resp: 9909
 Ion Ratio Lower Upper
 122 100
 107 151.6 120.8 181.2
 121 68.3 41.2 61.8#



#28
 bis(2-Chloroethoxy)methane
 Concen: 6.82 ng
 RT: 9.93 min Scan# 1233
 Delta R.T. -0.00 min
 Lab File: BG015850.D
 Acq: 5 Jan 2015 19:36

Tgt Ion: 93 Resp: 15240
 Ion Ratio Lower Upper
 93 100
 95 25.7 27.5 41.3#
 123 13.4 9.1 13.7

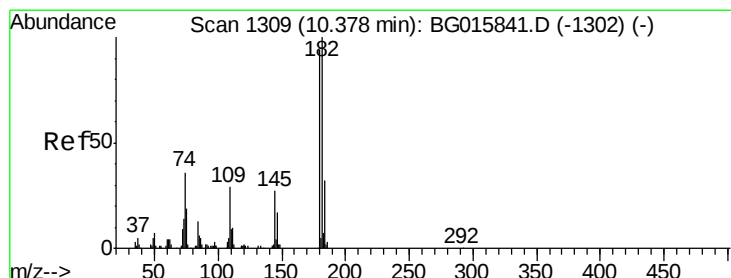
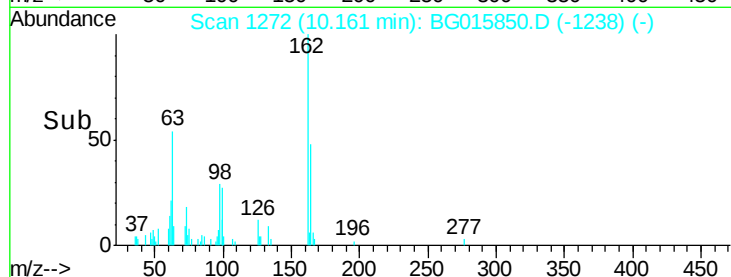
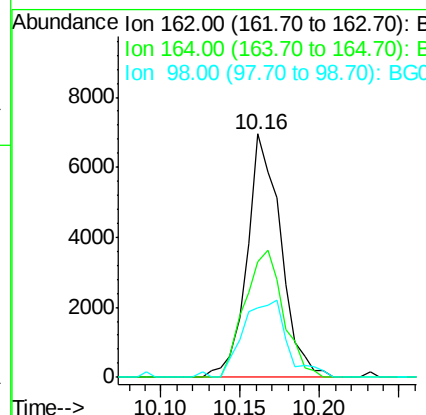
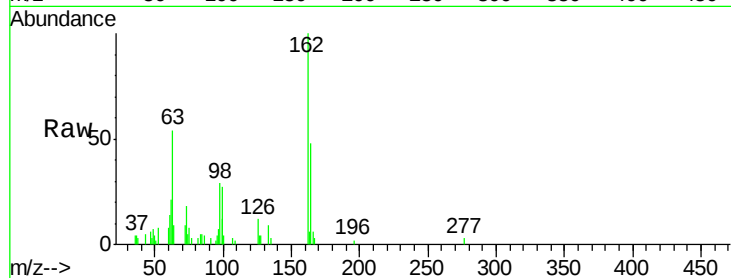




#29
 2,4-Dichlorophenol
 Concen: 6.18 ng
 RT: 10.16 min Scan# 1272
 Delta R.T. -0.00 min
 Lab File: BG015850.D
 Acq: 5 Jan 2015 19:36

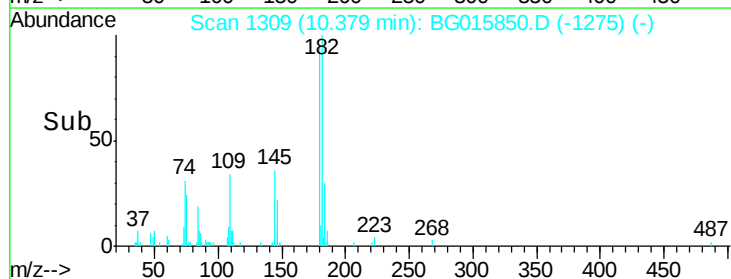
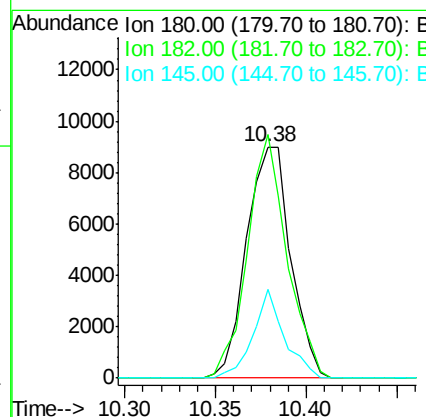
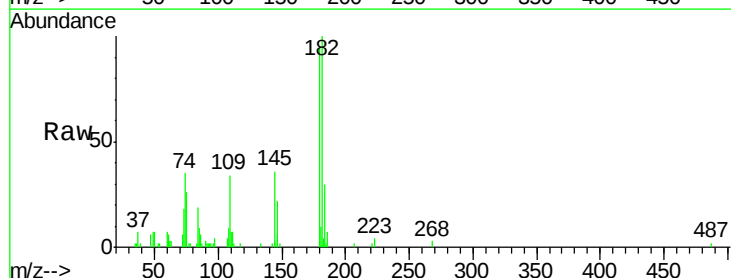
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

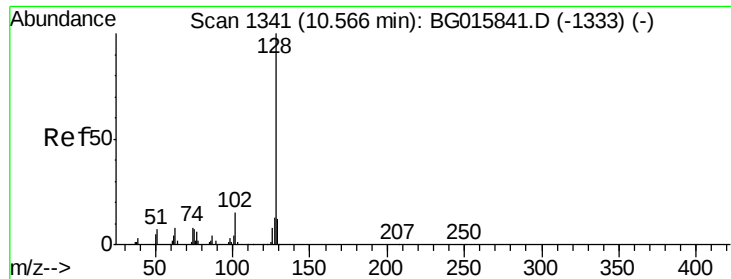
Tgt Ion	Ratio	Lower	Upper
162	100		
164	47.7	44.0	84.0
98	28.7	24.2	64.2



#30
 1,2,4-Trichlorobenzene
 Concen: 7.00 ng
 RT: 10.38 min Scan# 1309
 Delta R.T. -0.00 min
 Lab File: BG015850.D
 Acq: 5 Jan 2015 19:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	105.2	84.8	127.2
145	38.2	22.8	34.2

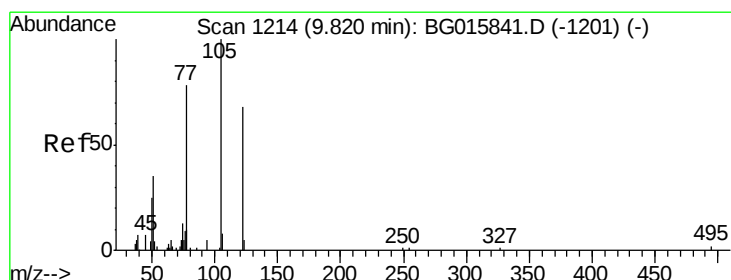
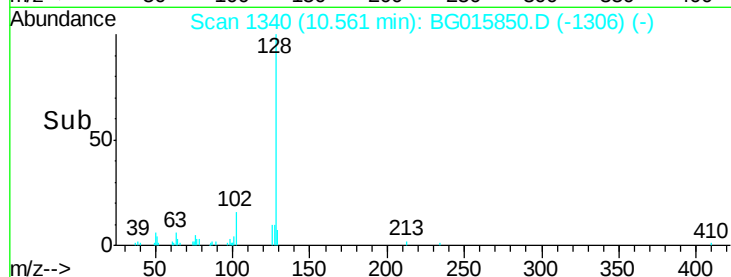
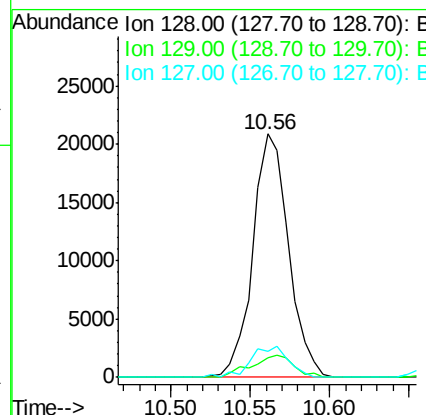
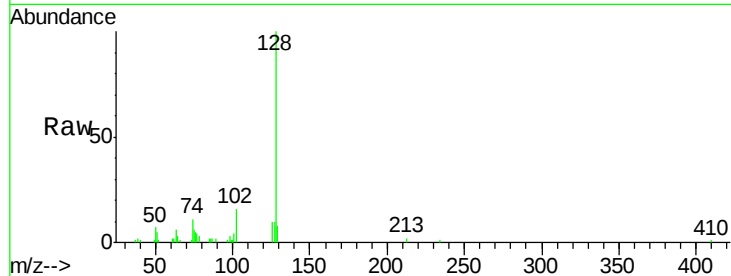




#31
Naphthalene
Concen: 6.15 ng
RT: 10.56 min Scan# 1340
Delta R.T. -0.00 min
Lab File: BG015850.D
Acq: 5 Jan 2015 19:36

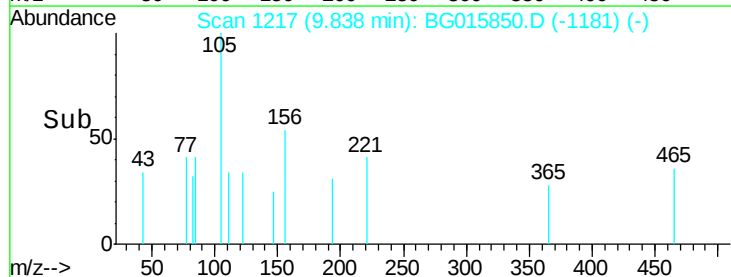
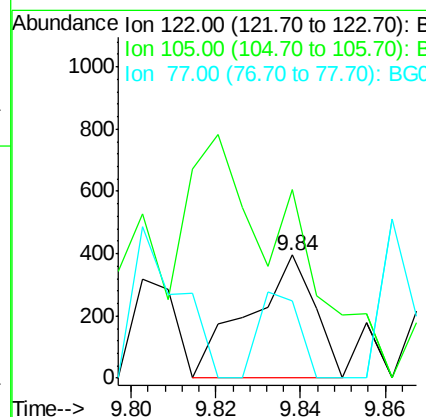
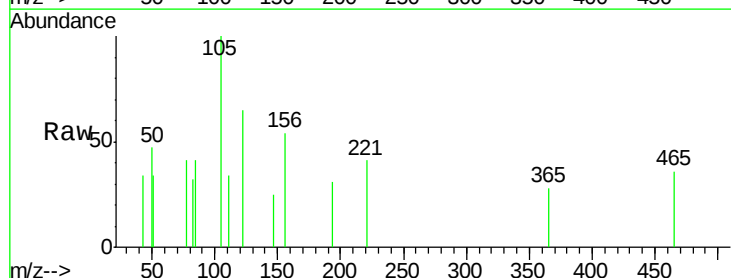
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

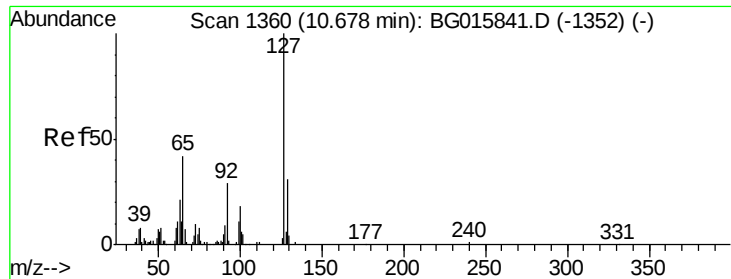
Tgt Ion:128 Resp: 32672
Ion Ratio Lower Upper
128 100
129 8.2 9.4 14.2#
127 10.4 10.6 15.8#



#32
Benzoic acid
Concen: 0.57 ng
RT: 9.84 min Scan# 1217
Delta R.T. 0.01 min
Lab File: BG015850.D
Acq: 5 Jan 2015 19:36

Tgt Ion:122 Resp: 430
Ion Ratio Lower Upper
122 100
105 153.0 123.7 163.7
77 62.9 92.4 132.4#

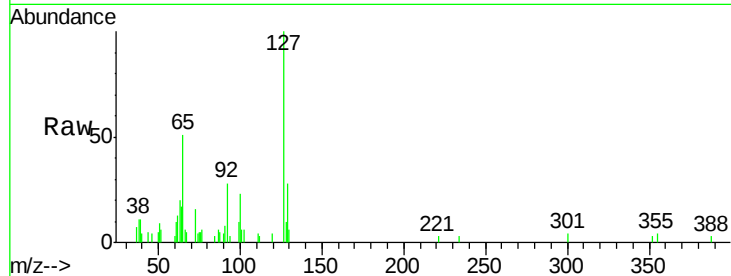




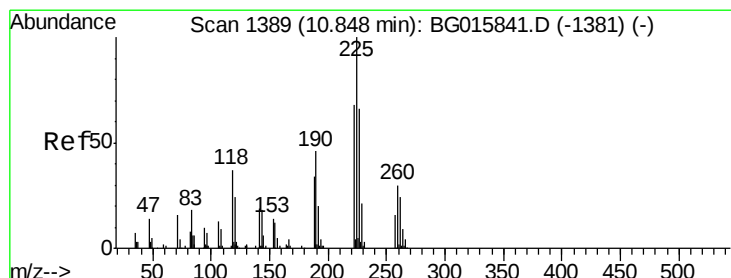
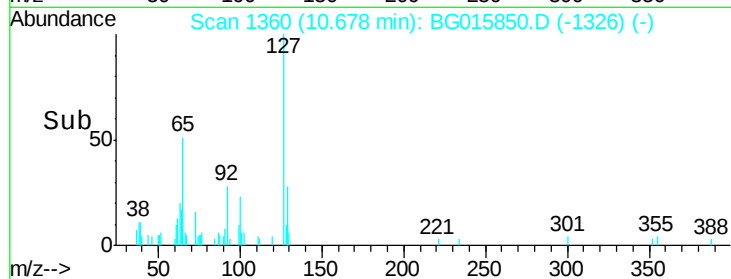
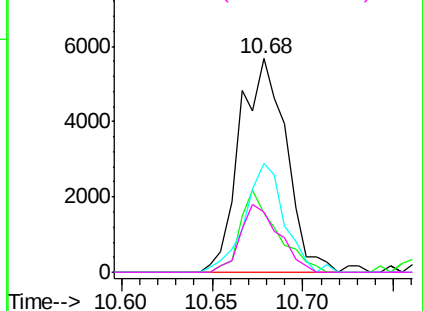
#33
4-Chloroaniline
Concen: 4.69 ng
RT: 10.68 min Scan# 1360
Delta R.T. -0.00 min
Lab File: BG015850.D
Acq: 5 Jan 2015 19:36

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion	Ratio	Lower	Upper
127	100		
129	27.7	25.0	37.6
65	50.9	33.3	49.9
92	28.0	22.8	34.2

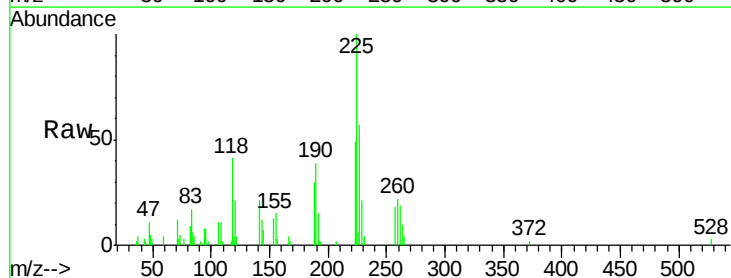


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

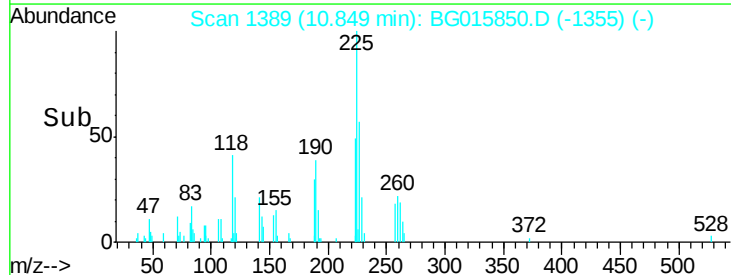
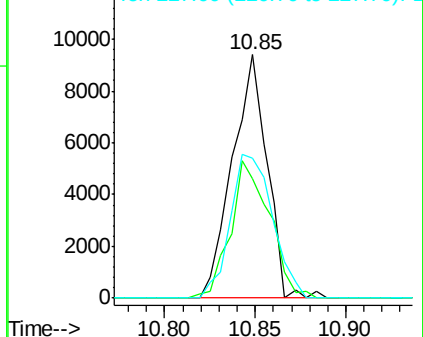


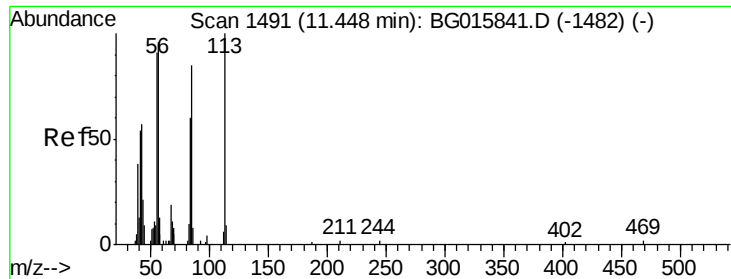
#34
Hexachlorobutadiene
Concen: 6.16 ng
RT: 10.85 min Scan# 1389
Delta R.T. -0.00 min
Lab File: BG015850.D
Acq: 5 Jan 2015 19:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	49.0	54.6	81.8
227	54.4	50.4	75.6



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 6.52 ng

RT: 11.42 min Scan# 1486

Delta R.T. -0.03 min

Lab File: BG015850.D

Acq: 5 Jan 2015 19:36

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

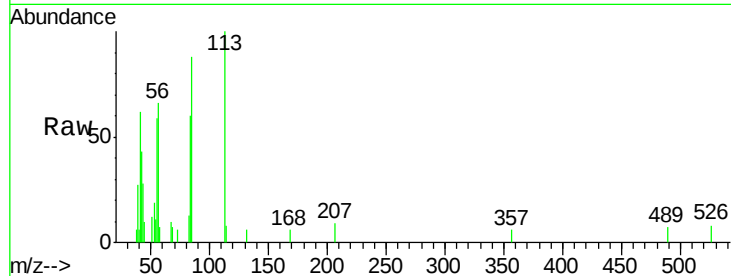
Tgt Ion:113 Resp: 4781

Ion Ratio Lower Upper

113 100

55 59.2 71.3 111.3#

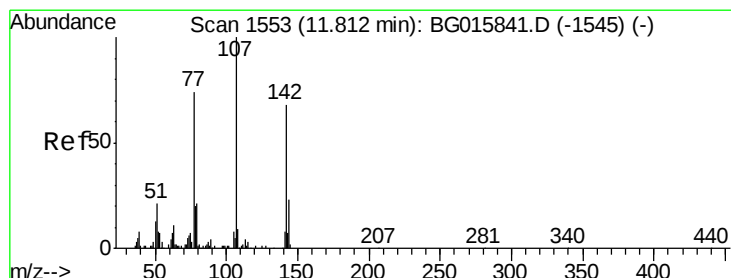
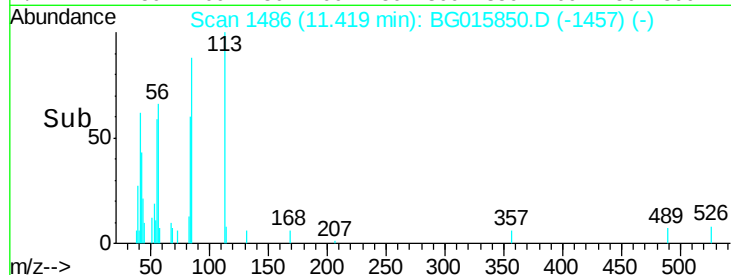
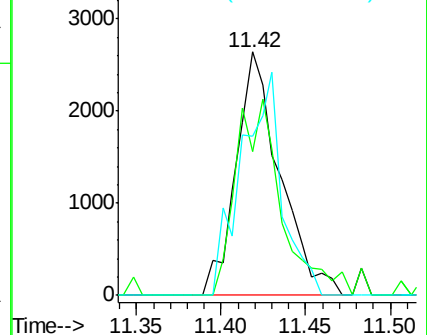
56 65.6 76.0 116.0#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 6.42 ng

RT: 11.81 min Scan# 1553

Delta R.T. -0.00 min

Lab File: BG015850.D

Acq: 5 Jan 2015 19:36

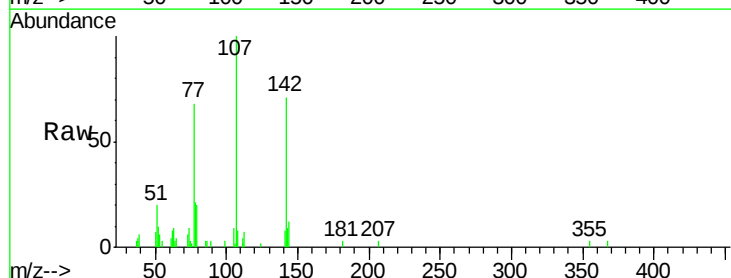
Tgt Ion:107 Resp: 13950

Ion Ratio Lower Upper

107 100

144 11.8 18.2 27.2#

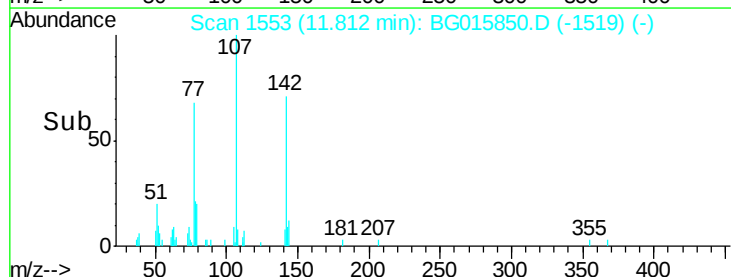
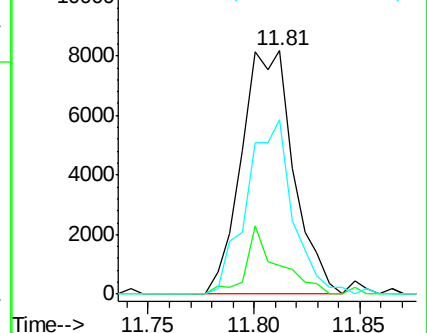
142 71.5 54.7 82.1

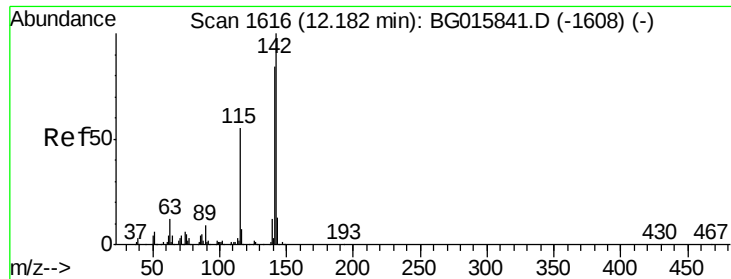


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

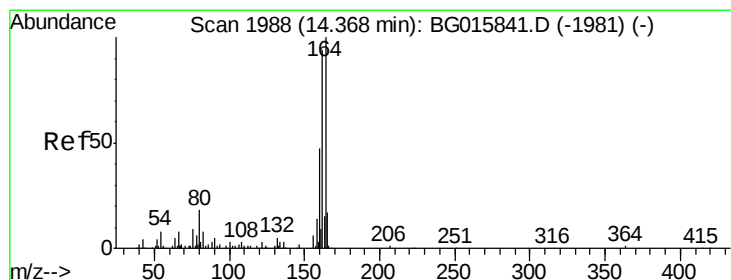
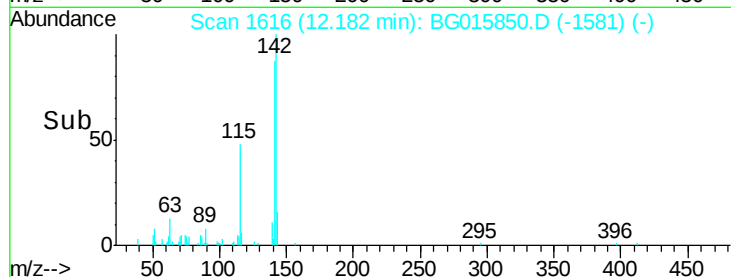
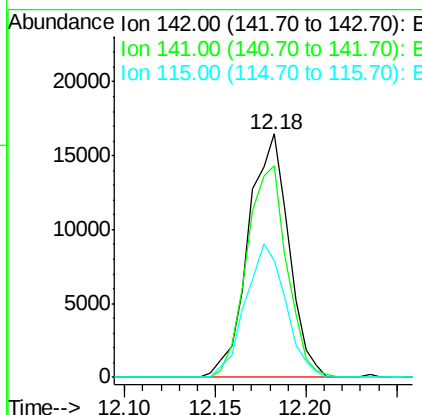
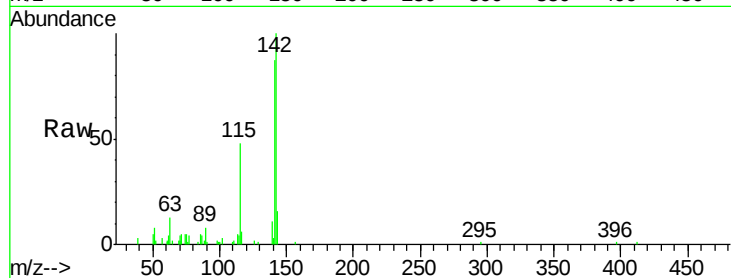




#37
 2-Methylnaphthalene
 Concen: 6.41 ng
 RT: 12.18 min Scan# 1616
 Delta R.T. 0.00 min
 Lab File: BG015850.D
 Acq: 5 Jan 2015 19:36

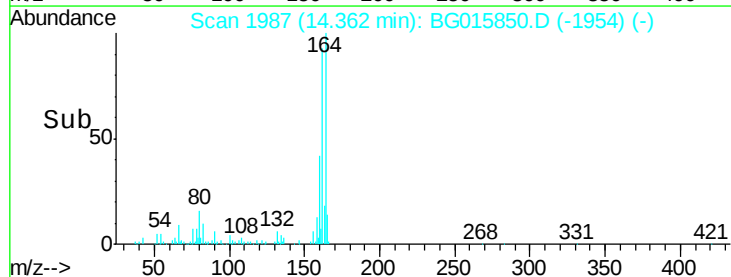
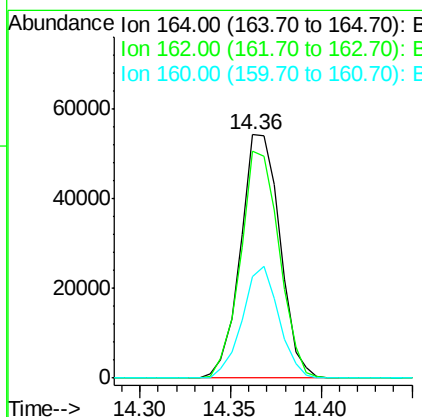
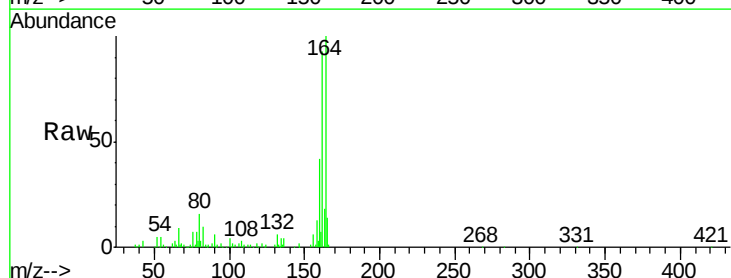
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

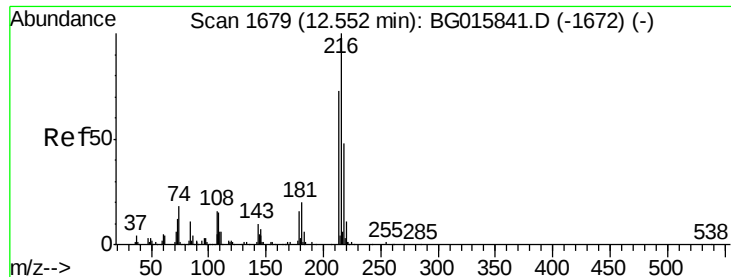
Tgt Ion:142 Resp: 25489
 Ion Ratio Lower Upper
 142 100
 141 86.9 67.3 100.9
 115 47.9 44.3 66.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.36 min Scan# 1987
 Delta R.T. -0.01 min
 Lab File: BG015850.D
 Acq: 5 Jan 2015 19:36

Tgt Ion:164 Resp: 82057
 Ion Ratio Lower Upper
 164 100
 162 93.0 75.5 113.3
 160 41.6 37.4 56.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 6.15 ng

RT: 12.55 min Scan# 1679

Delta R.T. -0.00 min

Lab File: BG015850.D

Acq: 5 Jan 2015 19:36

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

Tgt Ion:216 Resp: 18780

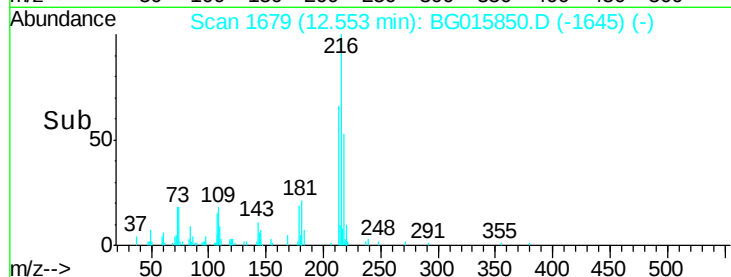
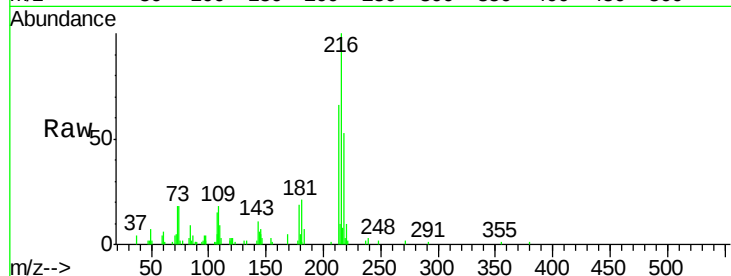
Ion Ratio Lower Upper

216 100

214 76.1 61.5 92.3

179 18.0 15.8 23.8

108 17.6 17.8 26.6#

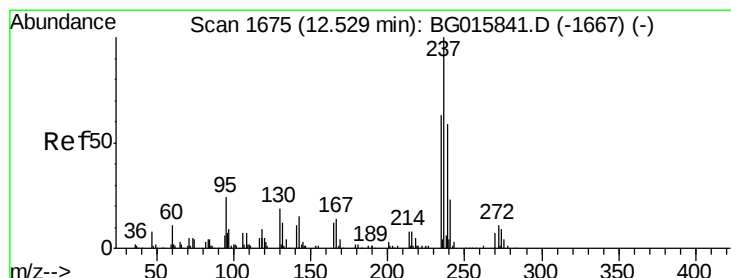
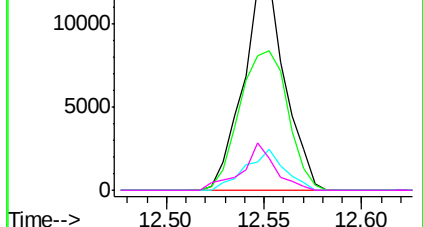


Abundance Ion 216.00 (215.70 to 216.70): E

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: 4.87 ng

RT: 12.53 min Scan# 1675

Delta R.T. -0.00 min

Lab File: BG015850.D

Acq: 5 Jan 2015 19:36

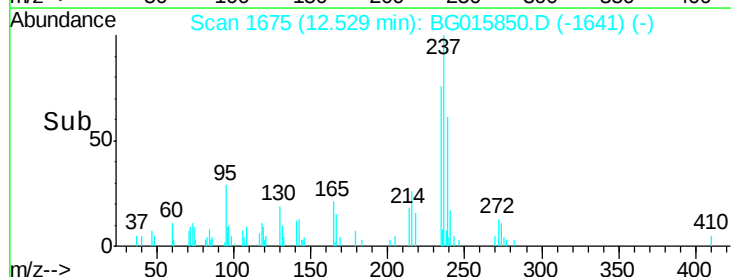
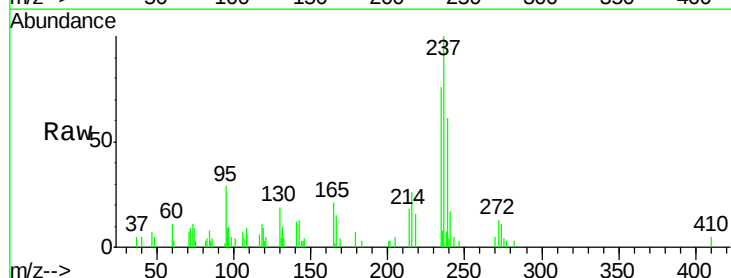
Tgt Ion:237 Resp: 9892

Ion Ratio Lower Upper

237 100

235 75.9 43.2 83.2

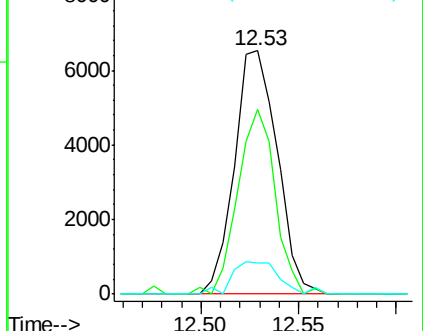
272 12.6 0.0 31.1

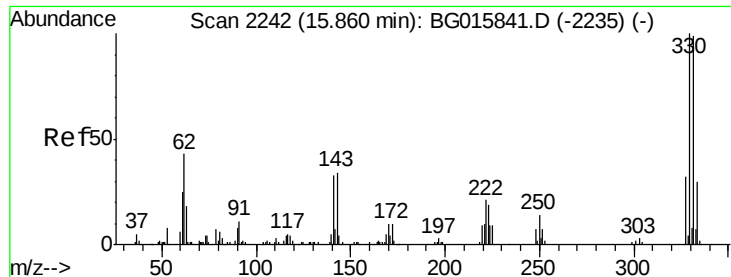


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

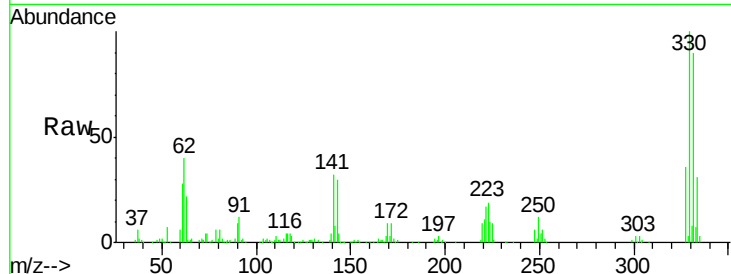




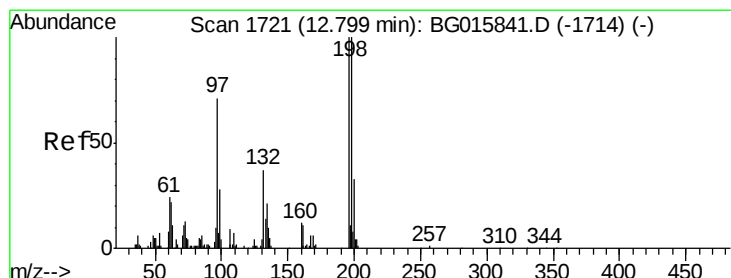
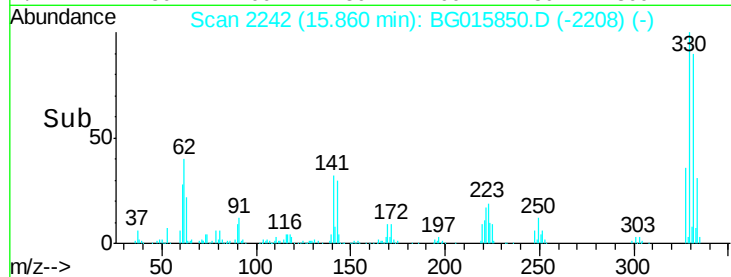
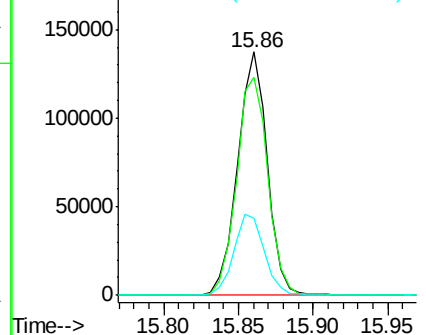
#41
 2,4,6-Tribromophenol
 Concen: 61.15 ng
 RT: 15.86 min Scan# 2242
 Delta R.T. -0.00 min
 Lab File: BG015850.D
 Acq: 5 Jan 2015 19:36

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

Tgt Ion:330 Resp: 190742
 Ion Ratio Lower Upper
 330 100
 332 94.6 73.8 110.8
 141 34.6 27.2 40.8

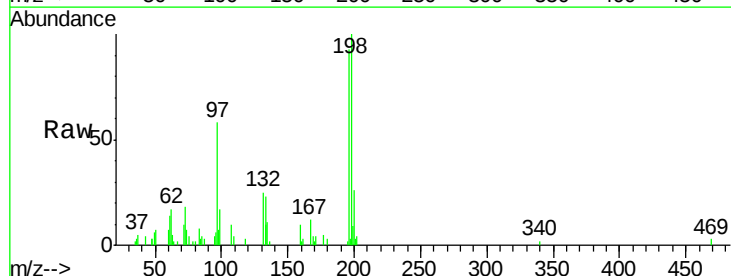


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

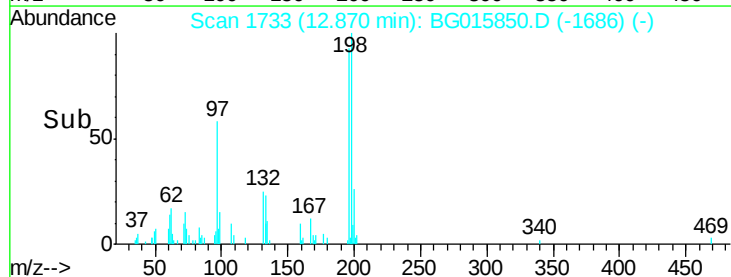
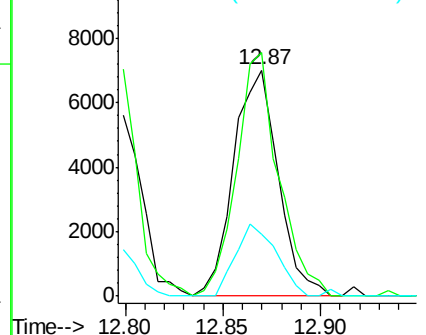


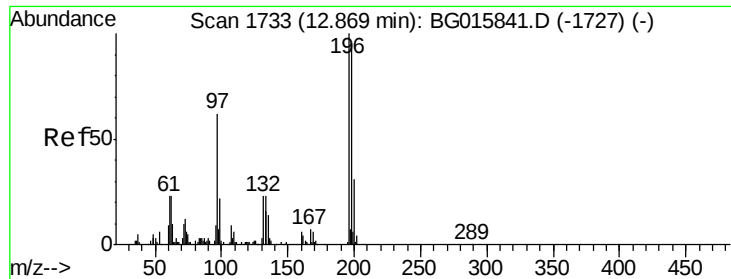
#42
 2,4,6-Trichlorophenol
 Concen: 5.93 ng
 RT: 12.87 min Scan# 1733
 Delta R.T. 0.07 min
 Lab File: BG015850.D
 Acq: 5 Jan 2015 19:36

Tgt Ion:196 Resp: 11103
 Ion Ratio Lower Upper
 196 100
 198 107.8 80.2 120.4
 200 31.1 26.7 40.1



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

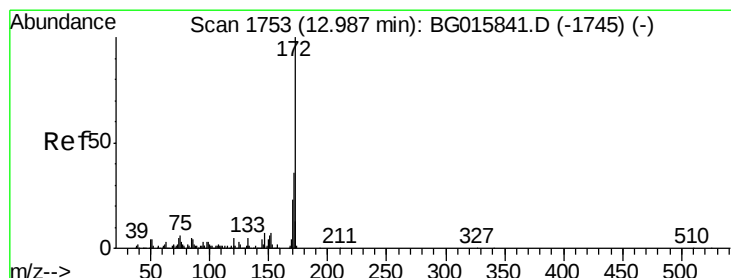
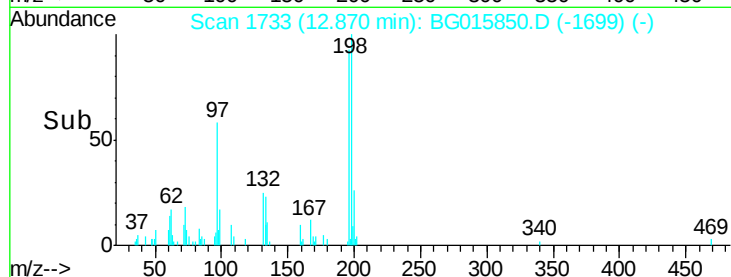
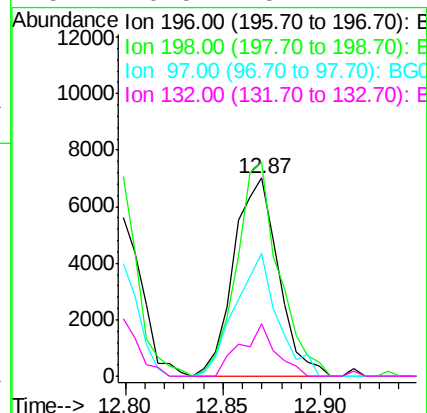
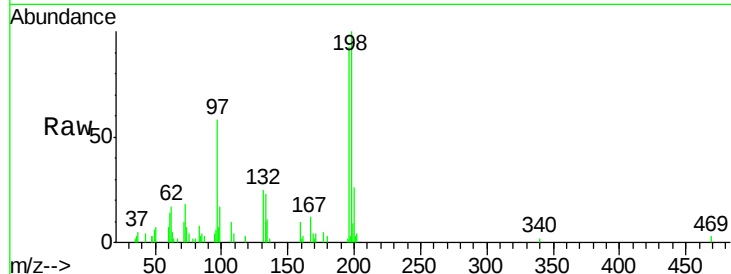




#43
2,4,5-Trichlorophenol
Concen: 5.41 ng
RT: 12.87 min Scan# 1733
Delta R.T. -0.00 min
Lab File: BG015850.D
Acq: 5 Jan 2015 19:36

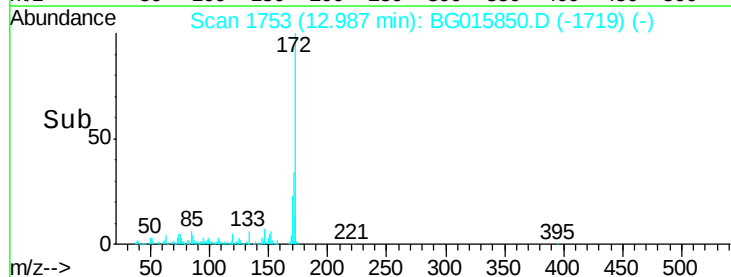
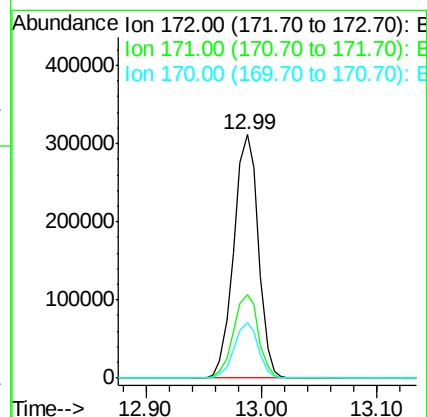
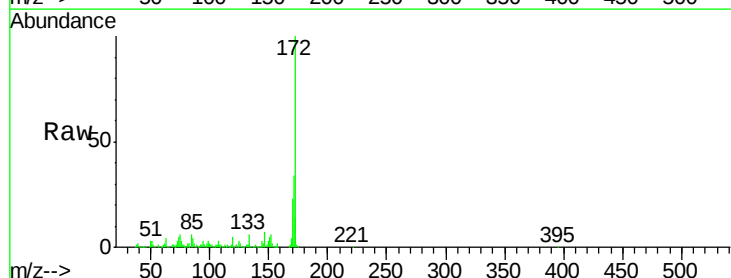
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

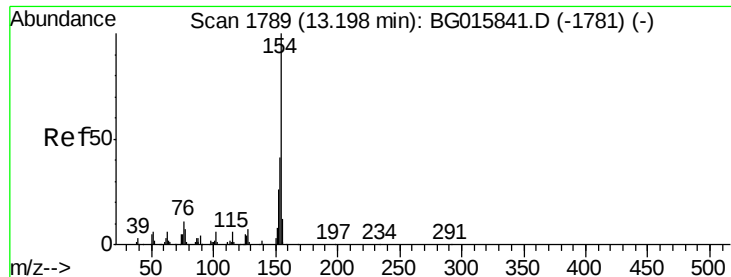
Tgt Ion:196 Resp: 11103
Ion Ratio Lower Upper
196 100
198 107.8 76.2 114.4
97 62.2 49.6 74.4
132 26.8 18.2 27.2



#44
2-Fluorobiphenyl
Concen: 39.71 ng
RT: 12.99 min Scan# 1753
Delta R.T. -0.00 min
Lab File: BG015850.D
Acq: 5 Jan 2015 19:36

Tgt Ion:172 Resp: 456222
Ion Ratio Lower Upper
172 100
171 34.3 28.6 43.0
170 22.8 18.2 27.4

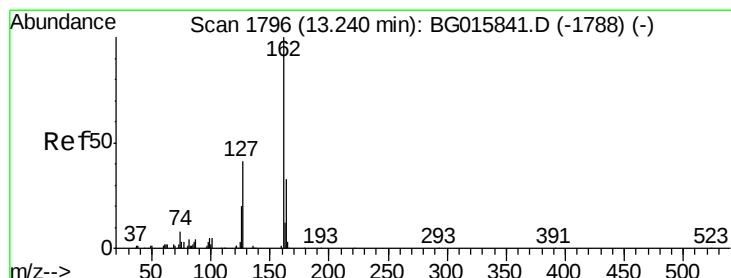
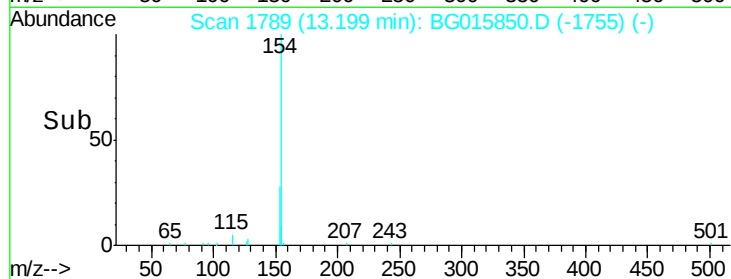
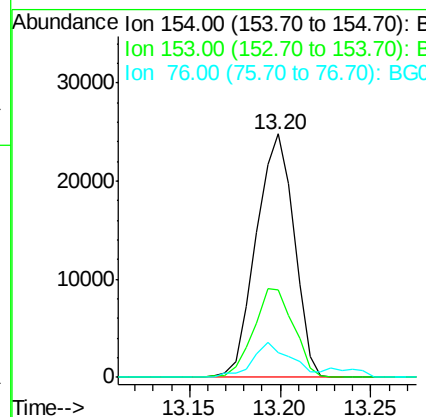
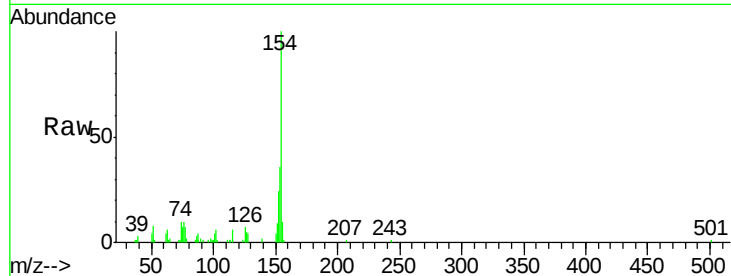




#45
 1,1'-Biphenyl
 Concen: 6.16 ng
 RT: 13.20 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: BG015850.D
 Acq: 5 Jan 2015 19:36

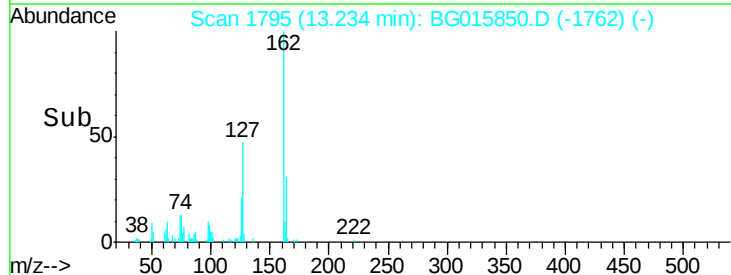
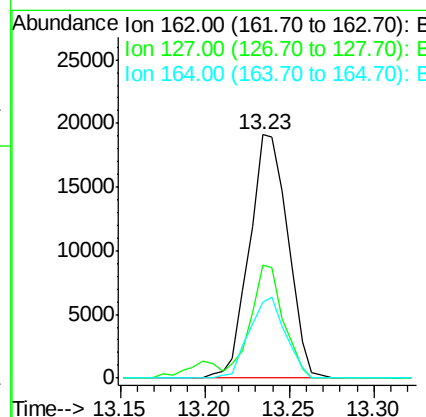
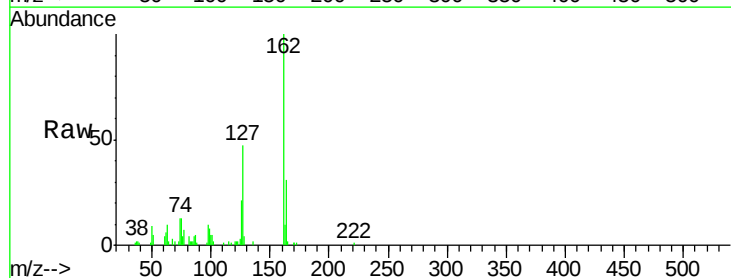
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

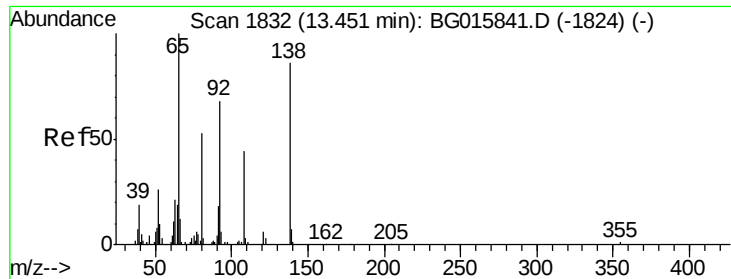
Tgt Ion	Ratio	Lower	Upper
154	100		
153	35.8	20.9	60.9
76	10.2	0.0	30.6



#46
 2-Chloronaphthalene
 Concen: 6.50 ng
 RT: 13.23 min Scan# 1795
 Delta R.T. -0.01 min
 Lab File: BG015850.D
 Acq: 5 Jan 2015 19:36

Tgt Ion	Ratio	Lower	Upper
162	100		
127	46.7	35.5	53.3
164	31.1	26.1	39.1

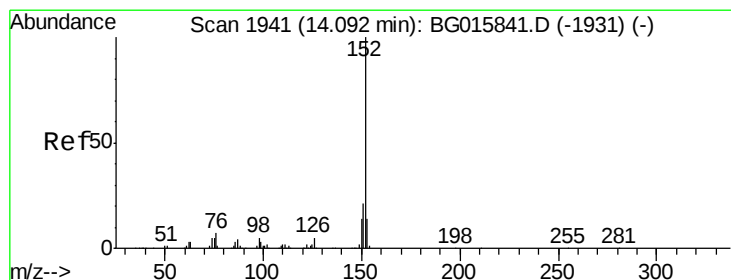
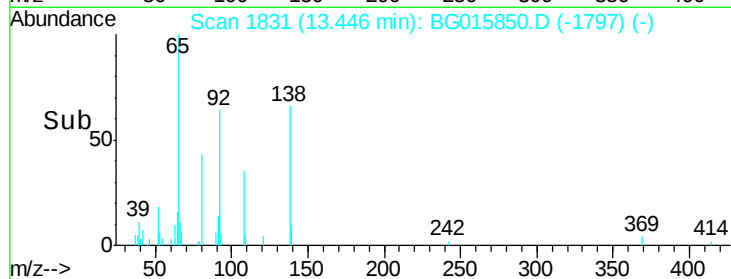
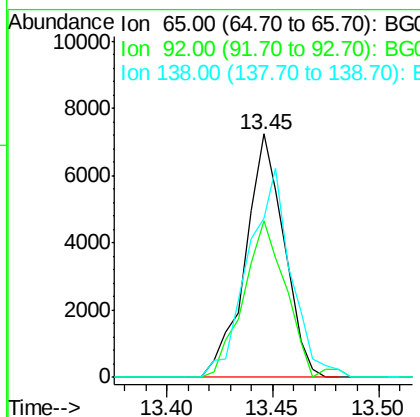
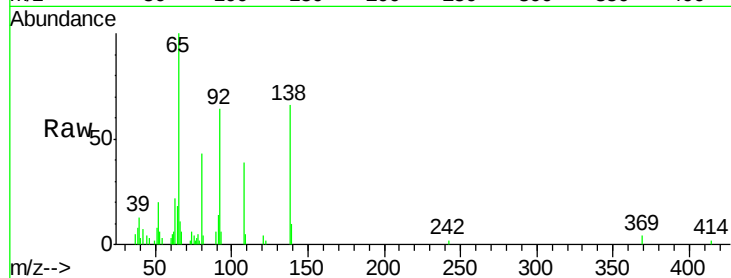




#47
2-Nitroaniline
Concen: 6.05 ng
RT: 13.45 min Scan# 1831
Delta R.T. -0.00 min
Lab File: BG015850.D
Acq: 5 Jan 2015 19:36

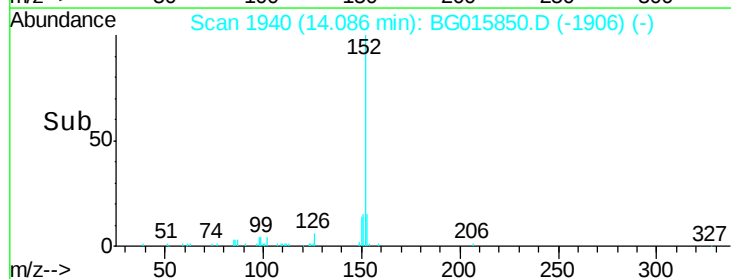
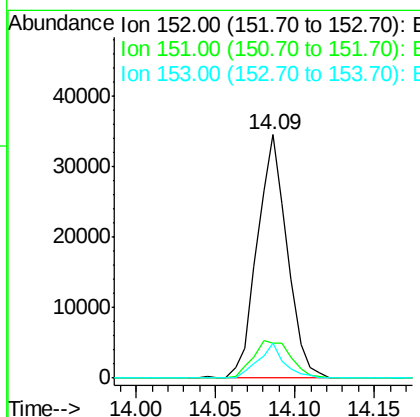
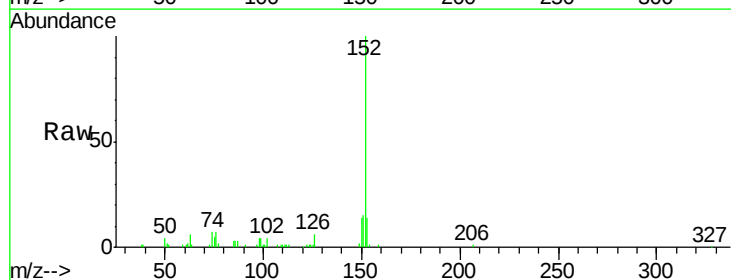
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

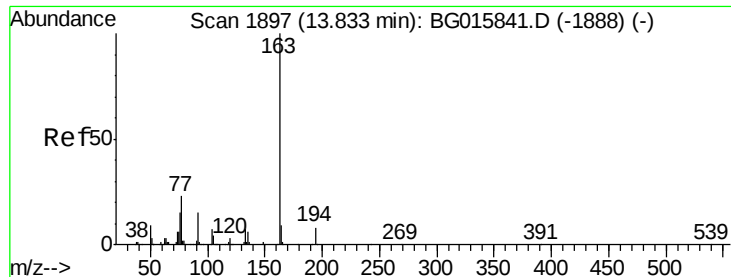
Tgt Ion: 65 Resp: 9233
Ion Ratio Lower Upper
65 100
92 64.3 54.6 81.8
138 65.6 68.4 102.6#



#48
Acenaphthylene
Concen: 5.70 ng
RT: 14.09 min Scan# 1940
Delta R.T. -0.00 min
Lab File: BG015850.D
Acq: 5 Jan 2015 19:36

Tgt Ion: 152 Resp: 45498
Ion Ratio Lower Upper
152 100
151 14.6 17.1 25.7#
153 14.4 11.3 16.9





#49

Dimethylphthalate

Concen: 6.29 ng

RT: 13.82 min Scan# 1895

Delta R.T. -0.01 min

Lab File: BG015850.D

Acq: 5 Jan 2015 19:36

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

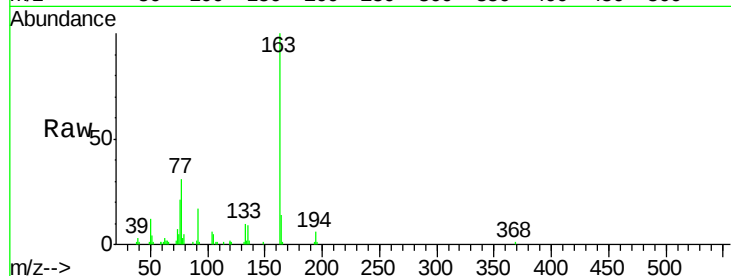
Tgt Ion:163 Resp: 38057

Ion Ratio Lower Upper

163 100

194 5.6 6.7 10.1#

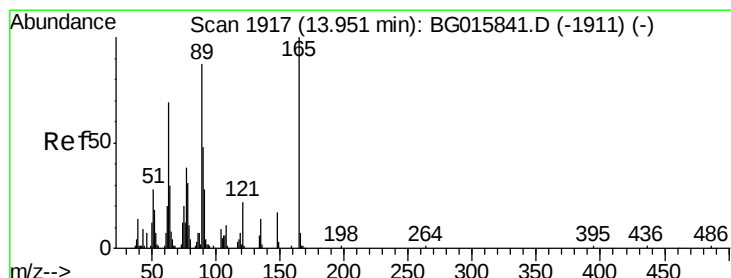
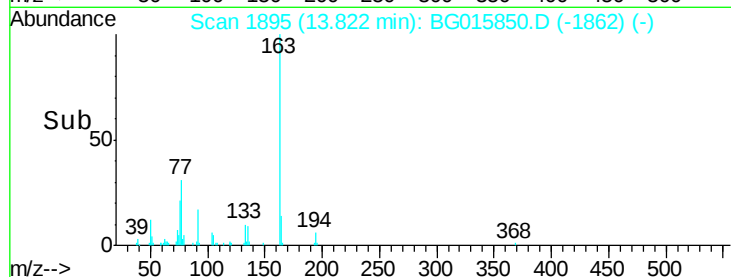
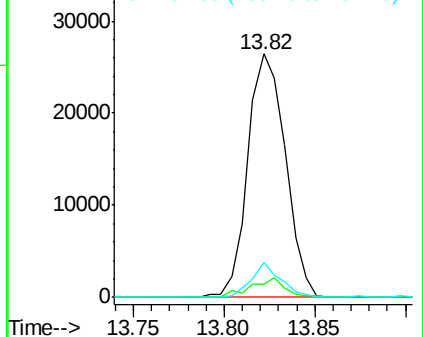
164 14.3 7.4 11.0#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 6.85 ng

RT: 13.94 min Scan# 1916

Delta R.T. -0.00 min

Lab File: BG015850.D

Acq: 5 Jan 2015 19:36

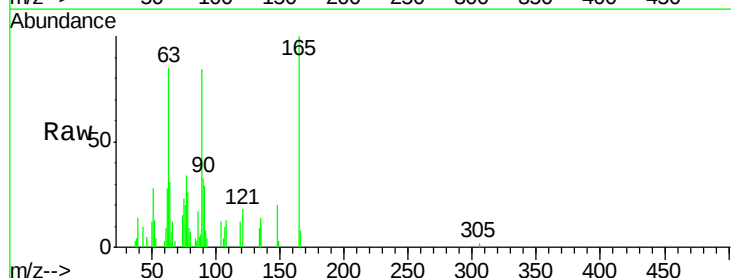
Tgt Ion:165 Resp: 8938

Ion Ratio Lower Upper

165 100

63 84.9 55.9 83.9#

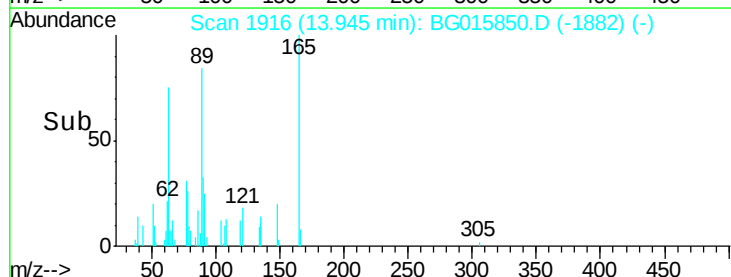
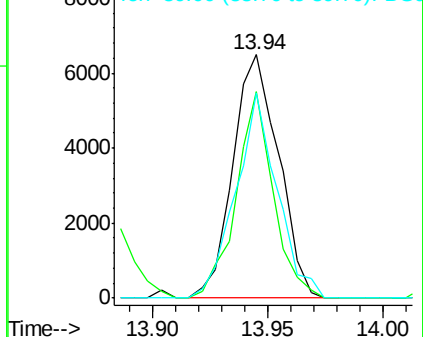
89 84.2 69.4 104.2

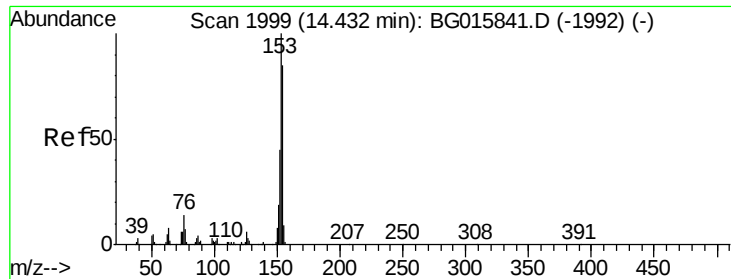


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 6.33 ng

RT: 14.43 min Scan# 1998

Delta R.T. -0.00 min

Lab File: BG015850.D

Acq: 5 Jan 2015 19:36

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

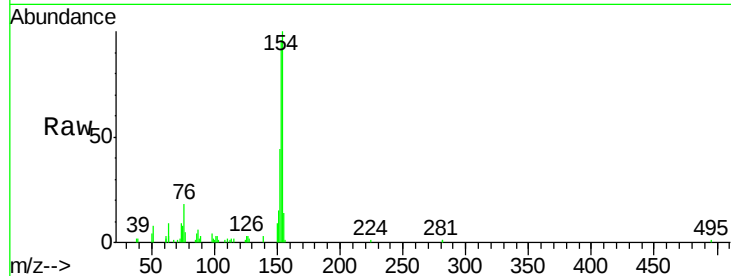
Tgt Ion:154 Resp: 29706

Ion Ratio Lower Upper

154 100

153 96.1 94.1 141.1

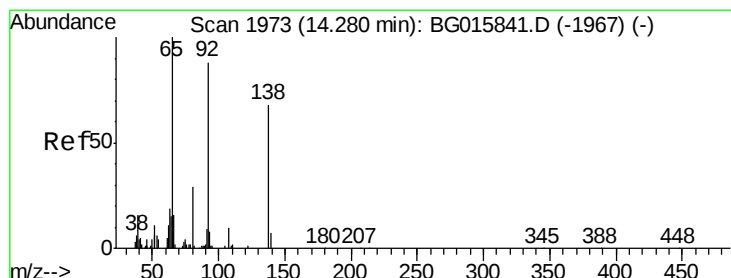
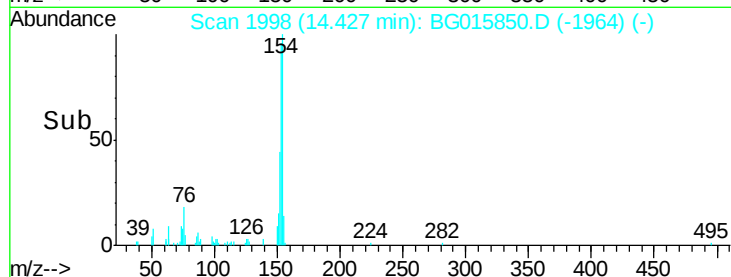
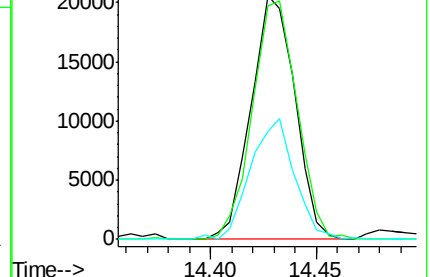
152 44.4 42.6 63.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 5.20 ng

RT: 14.27 min Scan# 1971

Delta R.T. -0.01 min

Lab File: BG015850.D

Acq: 5 Jan 2015 19:36

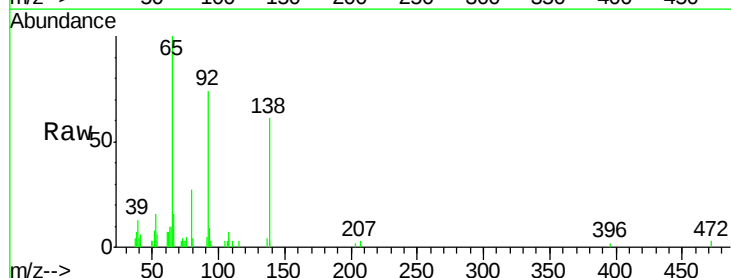
Tgt Ion:138 Resp: 6460

Ion Ratio Lower Upper

138 100

108 10.8 11.9 17.9#

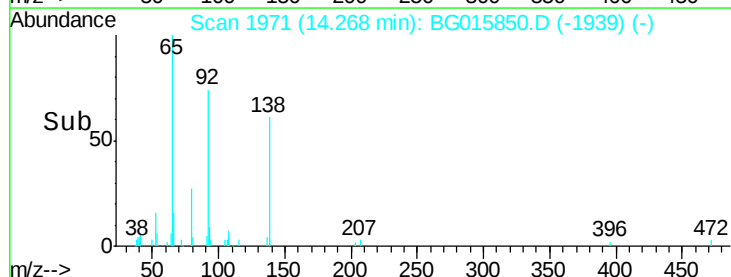
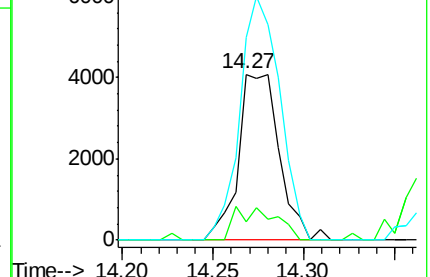
92 122.7 103.7 155.5

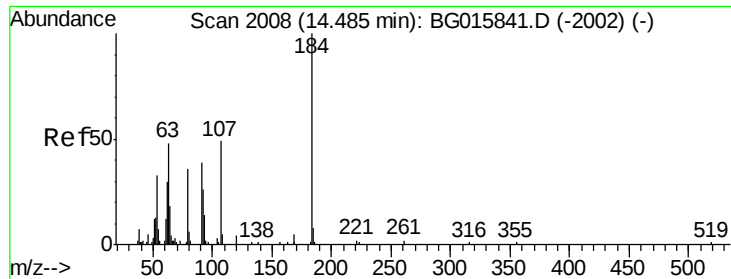


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

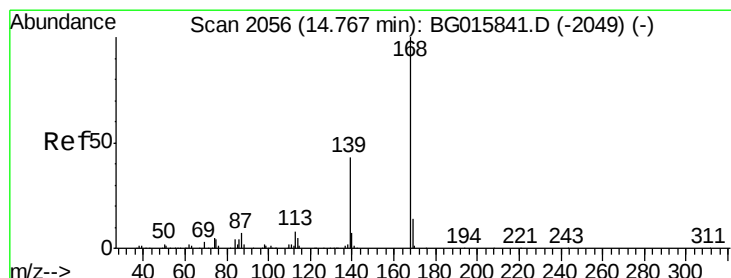
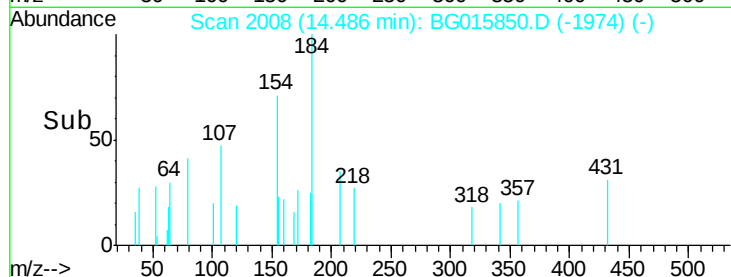
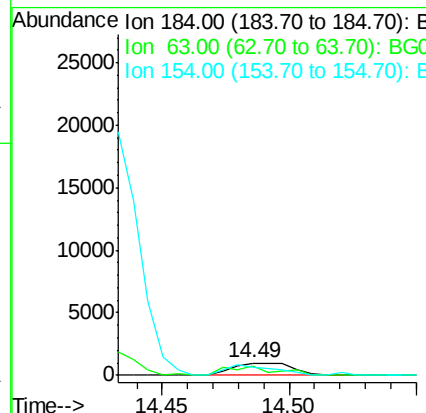
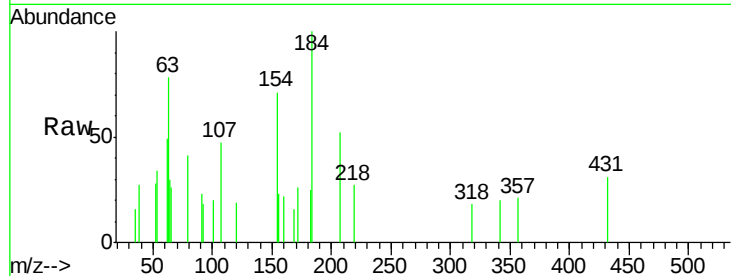




#53
2,4-Dinitrophenol
Concen: 2.22 ng
RT: 14.49 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BG015850.D
Acq: 5 Jan 2015 19:36

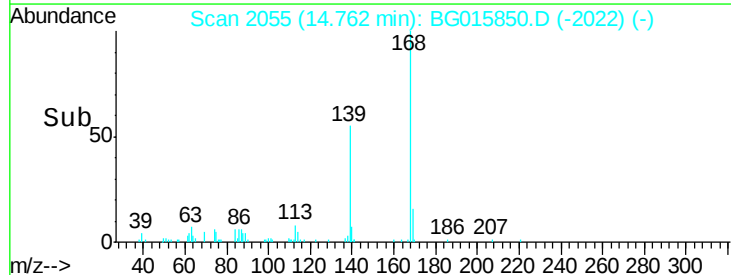
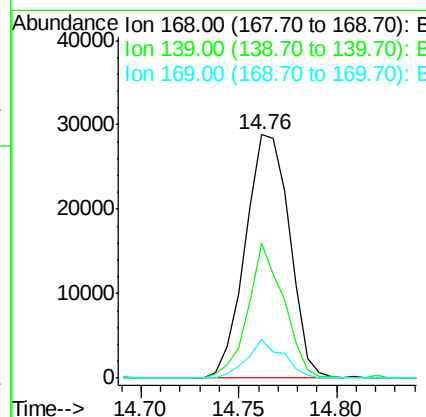
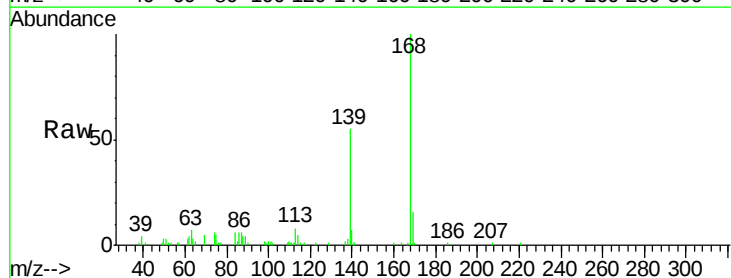
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

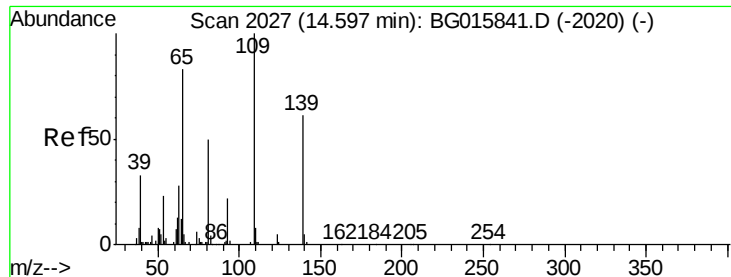
Tgt Ion:184 Resp: 1610
Ion Ratio Lower Upper
184 100
63 78.1 47.3 70.9#
154 70.7 56.9 85.3



#54
Dibenzofuran
Concen: 5.93 ng
RT: 14.76 min Scan# 2055
Delta R.T. -0.01 min
Lab File: BG015850.D
Acq: 5 Jan 2015 19:36

Tgt Ion:168 Resp: 45140
Ion Ratio Lower Upper
168 100
139 55.2 34.3 51.5#
169 15.9 10.9 16.3

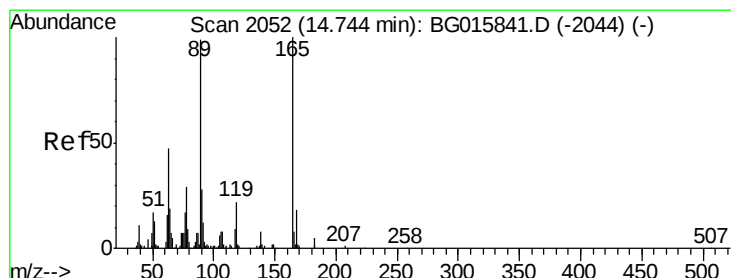
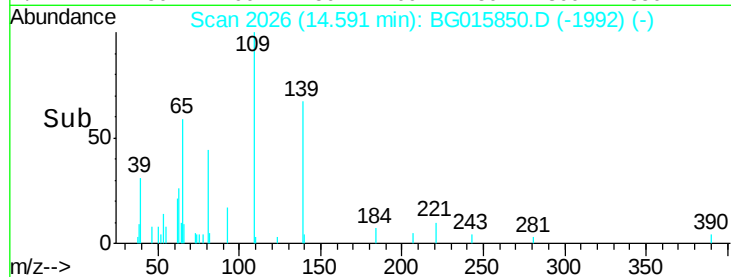
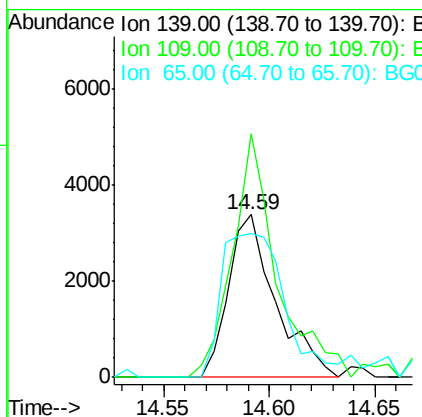
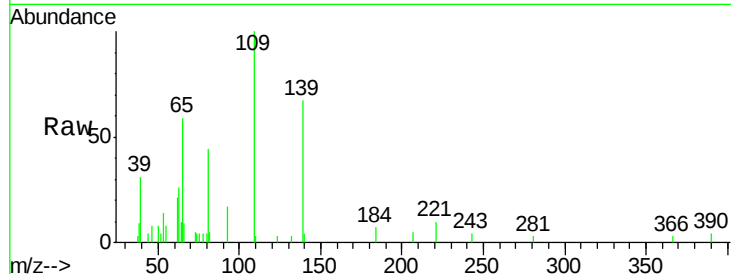




#55
4-Nitrophenol
Concen: 5.10 ng
RT: 14.59 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BG015850.D
Acq: 5 Jan 2015 19:36

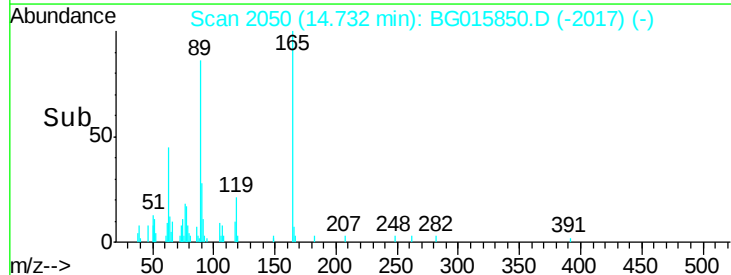
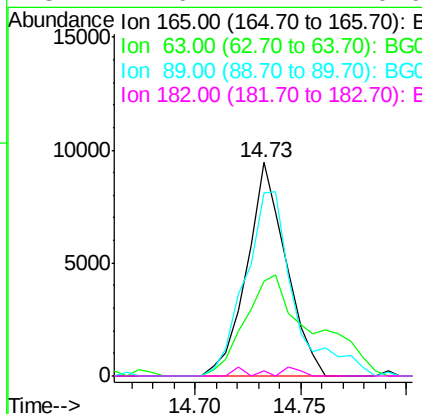
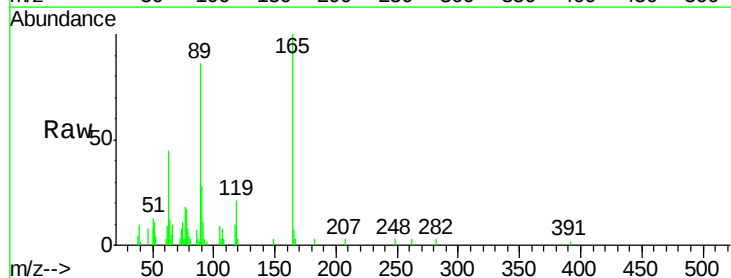
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

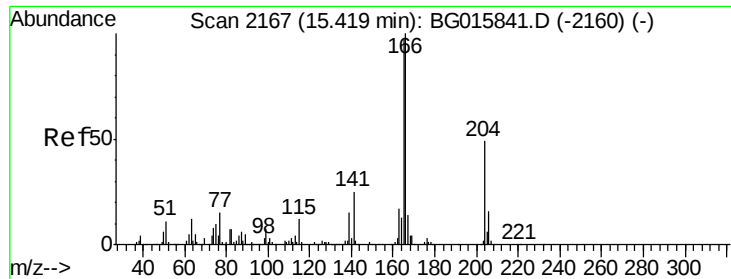
Tgt Ion:139 Resp: 5213
Ion Ratio Lower Upper
139 100
109 149.5 144.0 184.0
65 88.0 115.4 155.4#



#56
2,4-Dinitrotoluene
Concen: 6.51 ng
RT: 14.73 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BG015850.D
Acq: 5 Jan 2015 19:36

Tgt Ion:165 Resp: 12243
Ion Ratio Lower Upper
165 100
63 44.6 37.9 56.9
89 85.6 78.9 118.3
182 2.6 4.4 6.6#

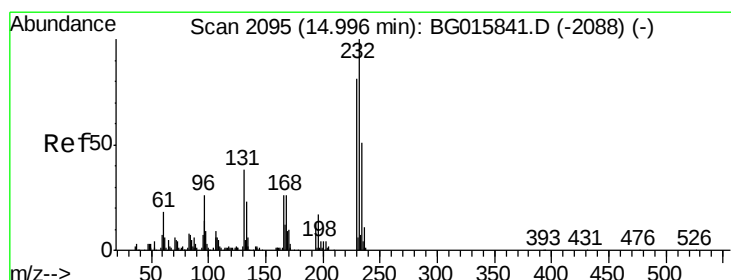
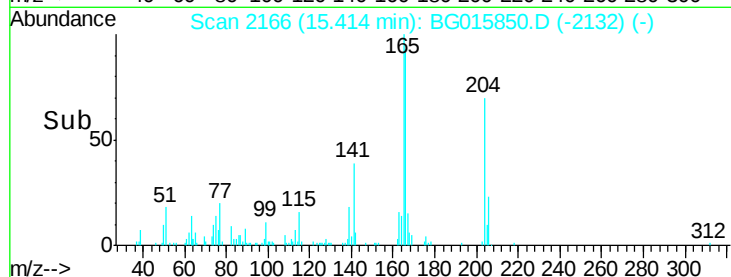
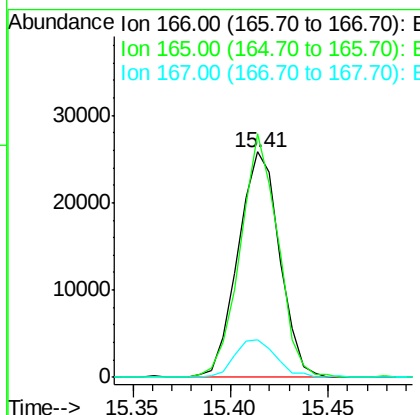
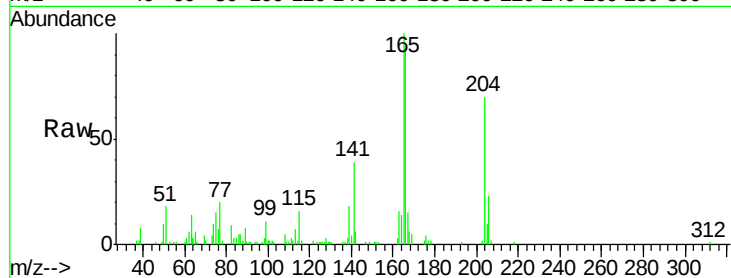




#57
 Fluorene
 Concen: 6.15 ng
 RT: 15.41 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: BG015850.D
 Acq: 5 Jan 2015 19:36

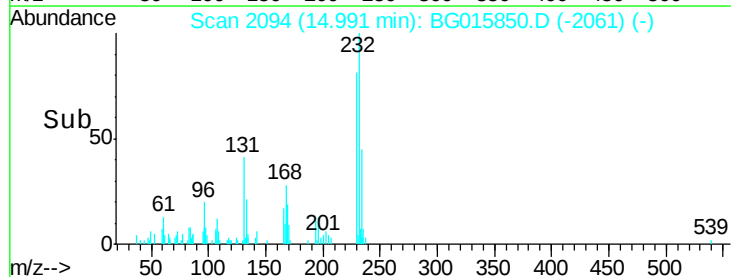
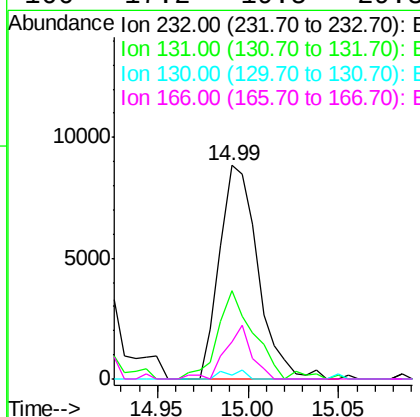
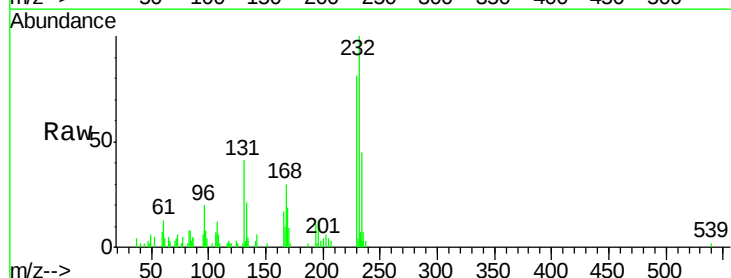
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

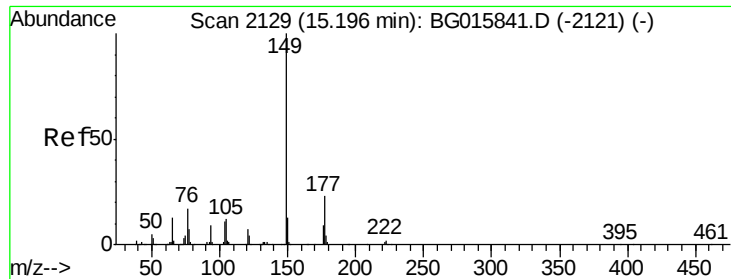
Tgt Ion:166 Resp: 38118
 Ion Ratio Lower Upper
 166 100
 165 108.0 77.7 116.5
 167 16.4 11.2 16.8



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 5.61 ng
 RT: 14.99 min Scan# 2094
 Delta R.T. -0.01 min
 Lab File: BG015850.D
 Acq: 5 Jan 2015 19:36

Tgt Ion:232 Resp: 12985
 Ion Ratio Lower Upper
 232 100
 131 39.9 31.3 46.9
 130 2.3 2.2 3.4
 166 17.2 19.5 29.3#

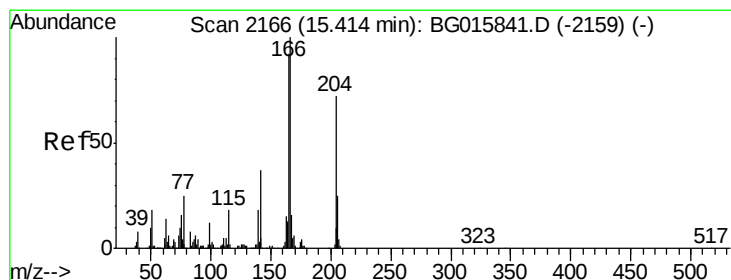
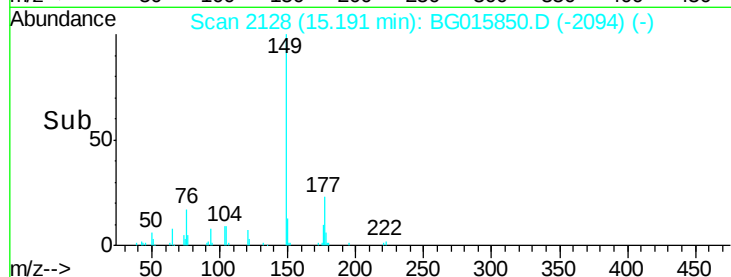
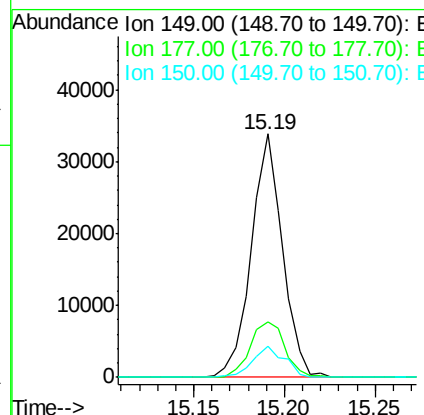
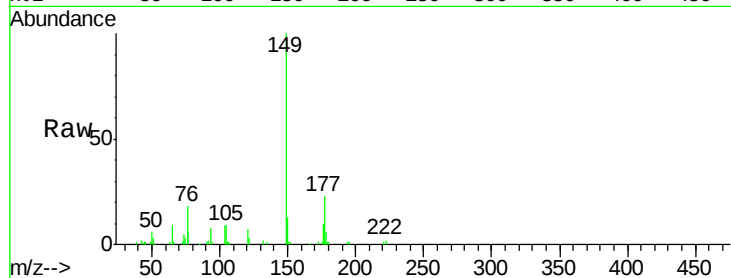




#59
Diethylphthalate
Concen: 6.04 ng
RT: 15.19 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BG015850.D
Acq: 5 Jan 2015 19:36

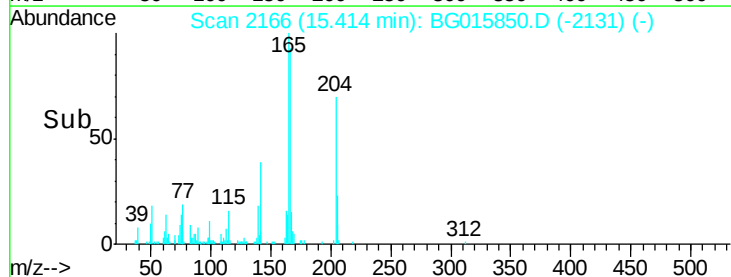
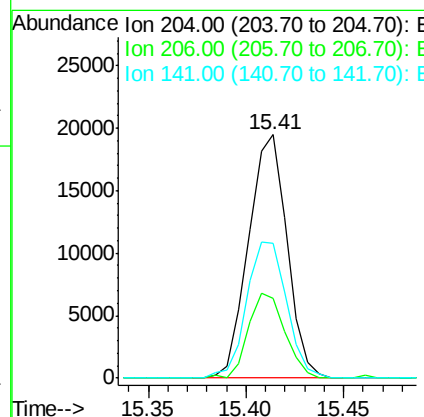
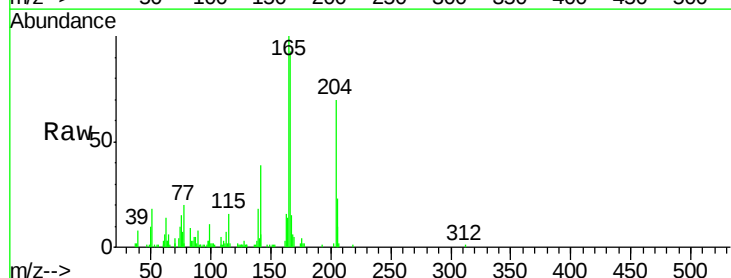
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

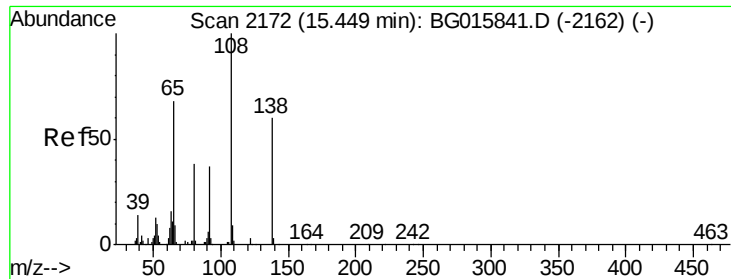
Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.9	18.2	27.4
150	12.9	10.0	15.0



#60
4-Chlorophenyl-phenylether
Concen: 6.56 ng
RT: 15.41 min Scan# 2166
Delta R.T. 0.00 min
Lab File: BG015850.D
Acq: 5 Jan 2015 19:36

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.8	28.2	42.4
141	55.5	41.1	61.7

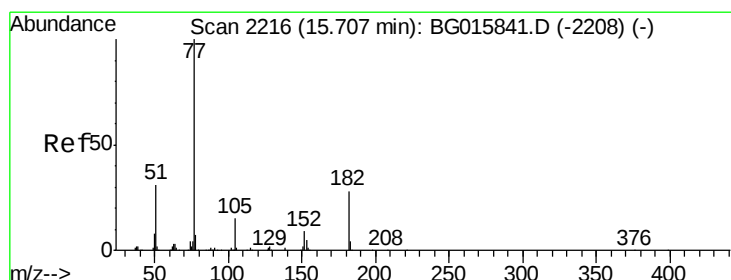
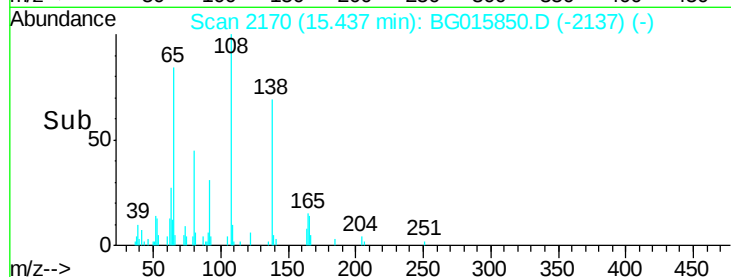
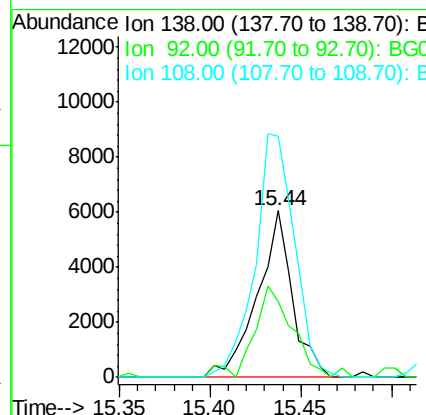
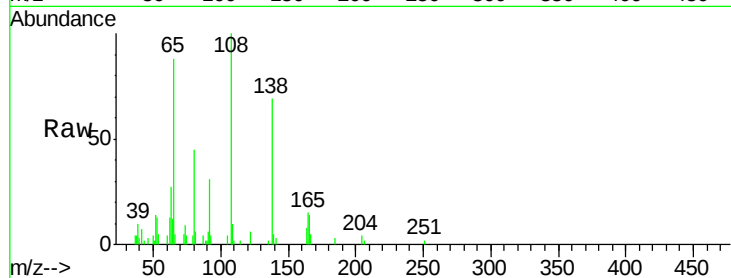




#61
4-Nitroaniline
Concen: 5.60 ng
RT: 15.44 min Scan# 2170
Delta R.T. -0.01 min
Lab File: BG015850.D
Acq: 5 Jan 2015 19:36

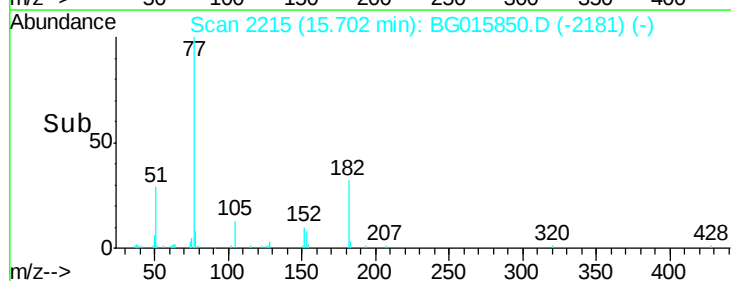
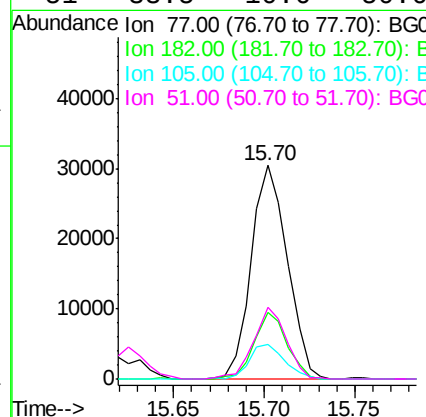
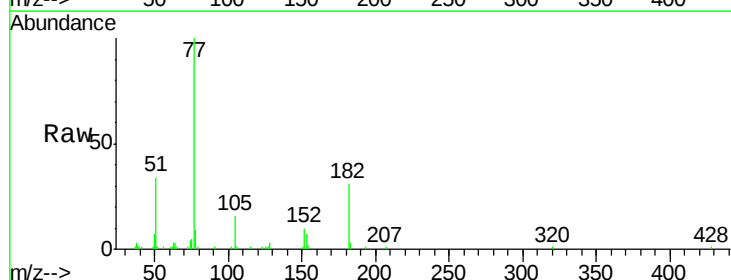
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

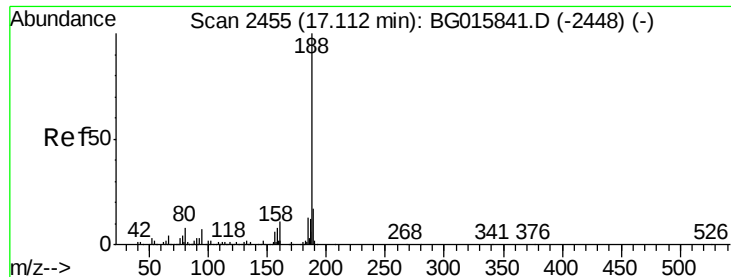
Tgt Ion: 138 Resp: 8170
Ion Ratio Lower Upper
138 100
92 45.4 42.2 82.2
108 144.6 147.2 187.2#



#62
Azobenzene
Concen: 5.83 ng
RT: 15.70 min Scan# 2215
Delta R.T. -0.00 min
Lab File: BG015850.D
Acq: 5 Jan 2015 19:36

Tgt Ion: 77 Resp: 42000
Ion Ratio Lower Upper
77 100
182 31.2 7.7 47.7
105 16.5 0.0 35.1
51 33.5 10.6 50.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.11 min Scan# 2455

Delta R.T. -0.00 min

Lab File: BG015850.D

Acq: 5 Jan 2015 19:36

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

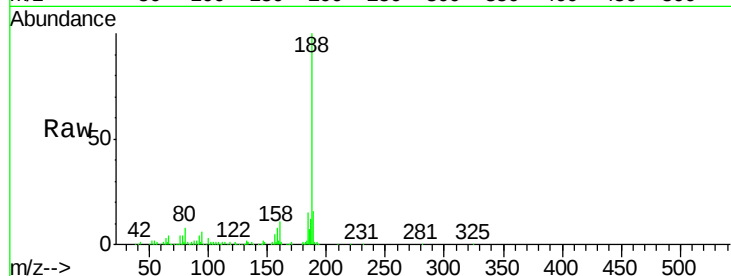
Tgt Ion:188 Resp: 190350

Ion Ratio Lower Upper

188 100

94 6.4 5.4 8.0

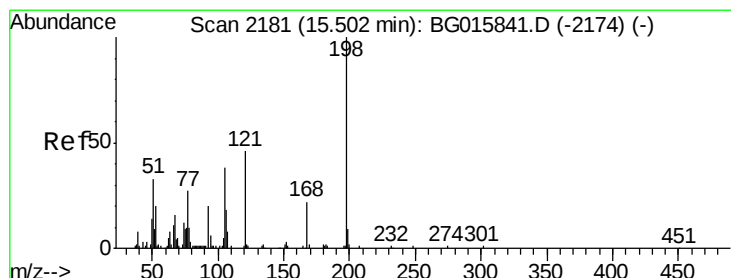
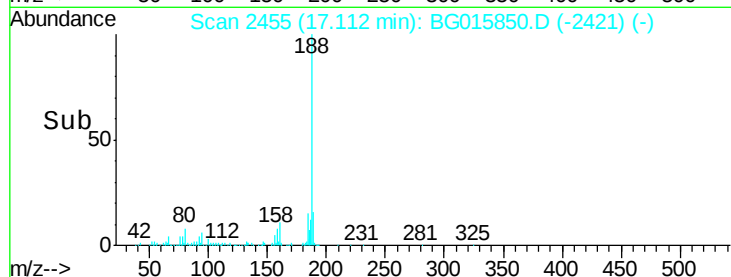
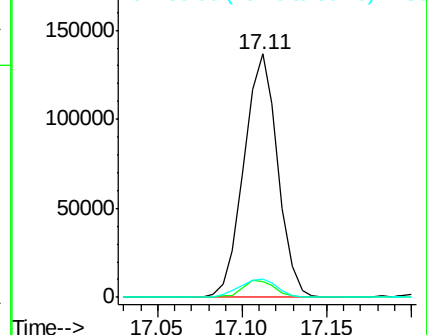
80 7.6 6.6 9.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 4.50 ng

RT: 15.50 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BG015850.D

Acq: 5 Jan 2015 19:36

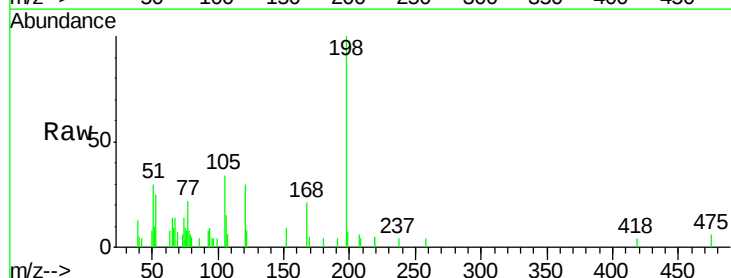
Tgt Ion:198 Resp: 5889

Ion Ratio Lower Upper

198 100

51 29.6 13.6 53.6

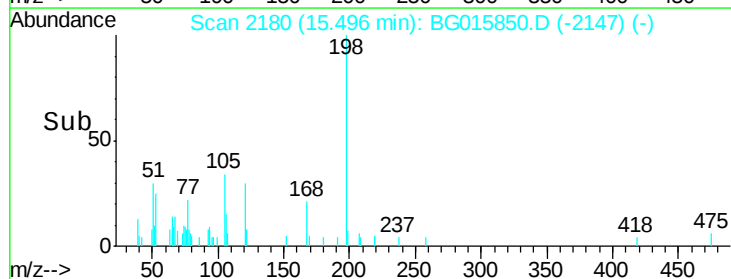
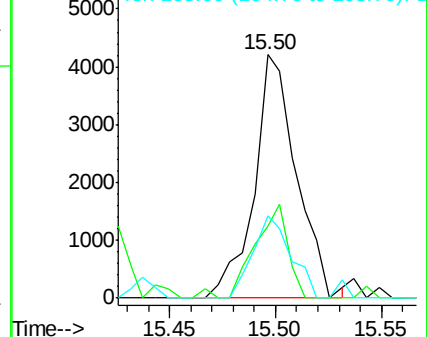
105 33.6 17.9 57.9

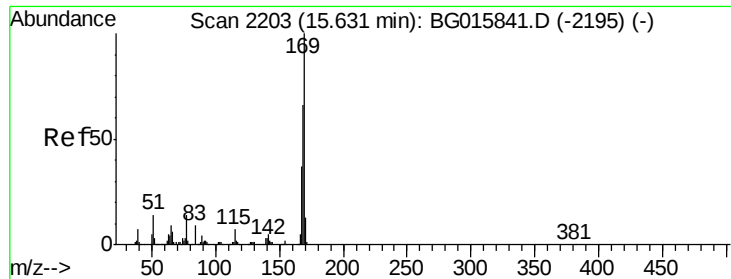


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 6.17 ng

RT: 15.63 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG015850.D

Acq: 5 Jan 2015 19:36

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

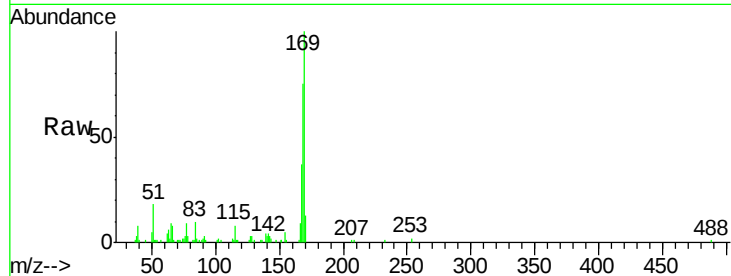
Tgt Ion:169 Resp: 33762

Ion Ratio Lower Upper

169 100

168 74.5 52.7 79.1

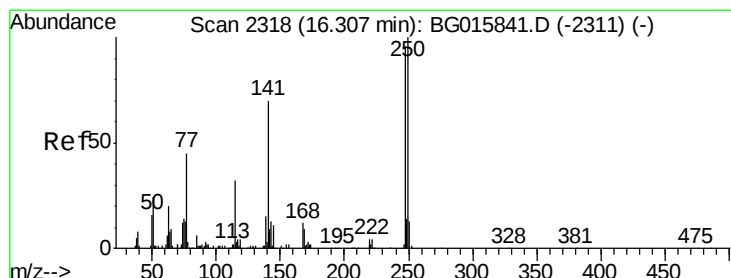
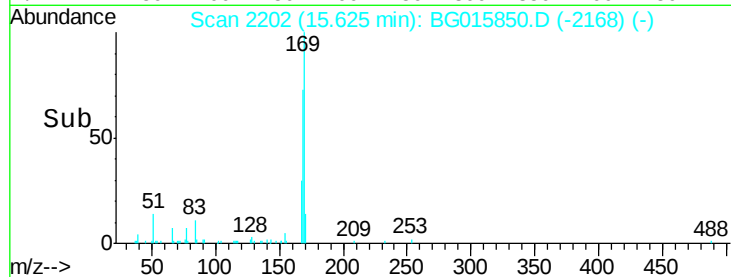
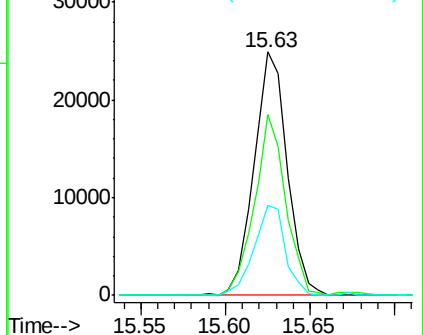
167 37.0 29.3 43.9



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 7.04 ng

RT: 16.31 min Scan# 2318

Delta R.T. 0.00 min

Lab File: BG015850.D

Acq: 5 Jan 2015 19:36

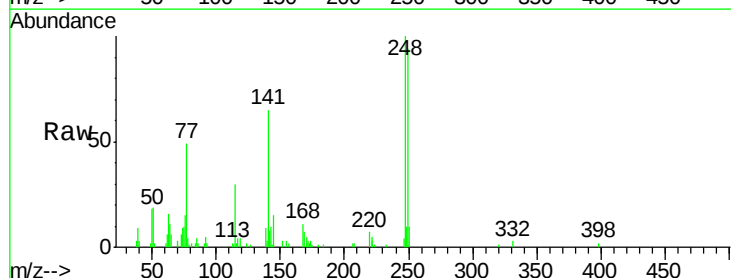
Tgt Ion:248 Resp: 18379

Ion Ratio Lower Upper

248 100

250 93.8 83.5 125.3

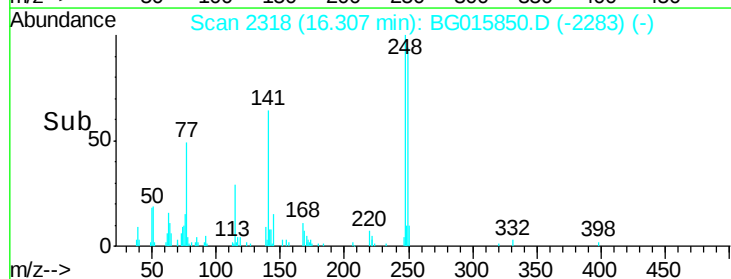
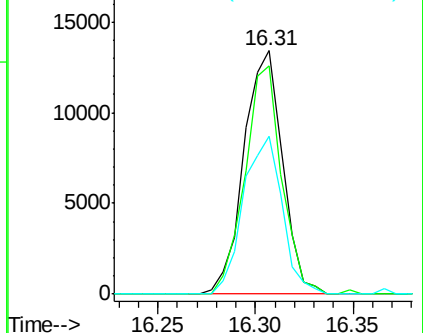
141 65.1 58.1 87.1

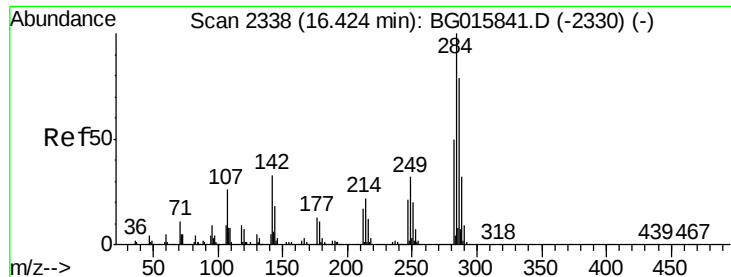


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

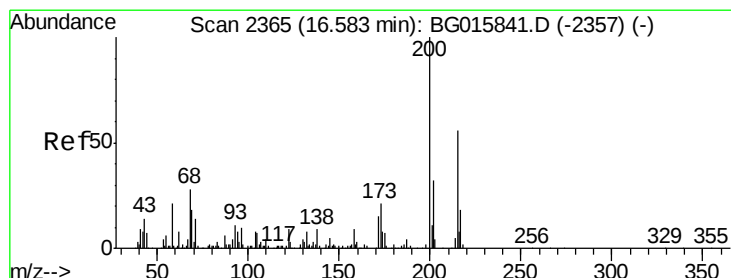
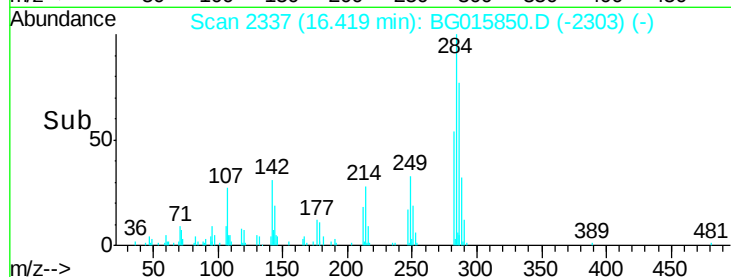
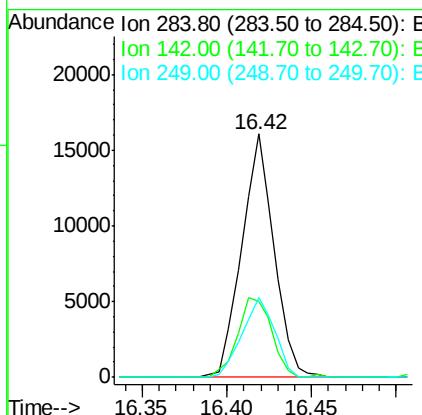
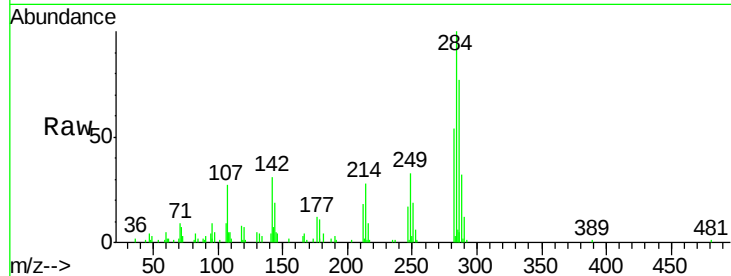




#67
Hexachlorobenzene
Concen: 7.22 ng
RT: 16.42 min Scan# 2337
Delta R.T. -0.00 min
Lab File: BG015850.D
Acq: 5 Jan 2015 19:36

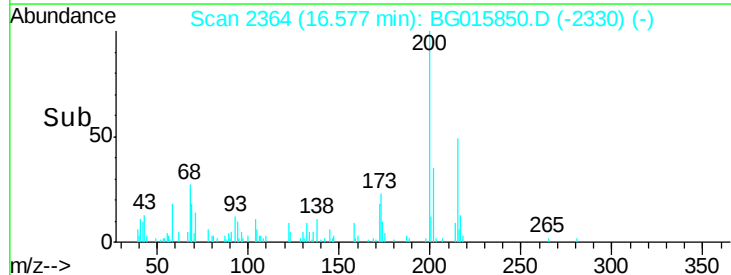
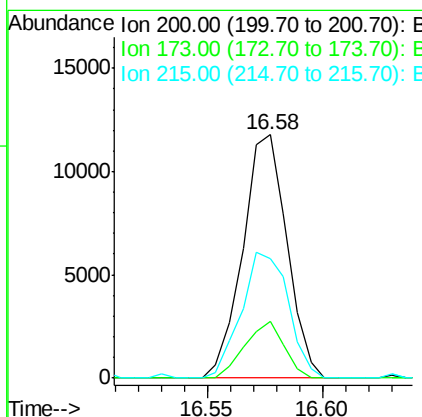
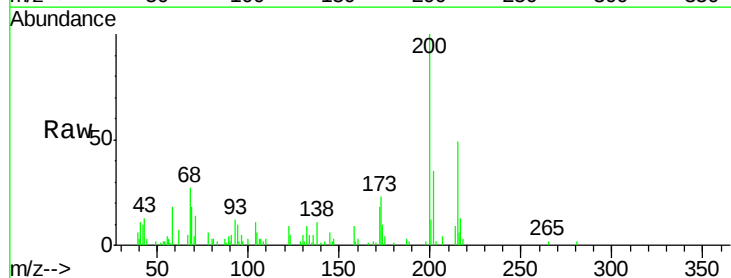
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

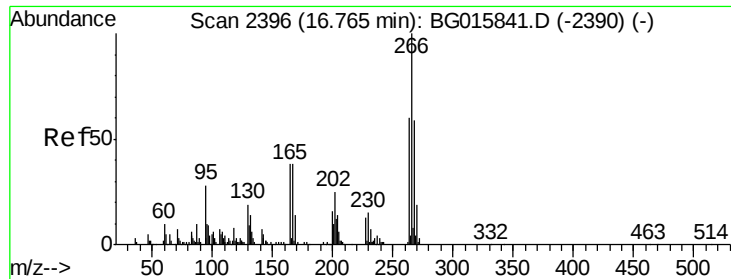
Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.4	26.1	39.1
249	32.8	26.0	39.0



#68
Atrazine
Concen: 6.42 ng
RT: 16.58 min Scan# 2364
Delta R.T. -0.00 min
Lab File: BG015850.D
Acq: 5 Jan 2015 19:36

Tgt Ion	Ratio	Lower	Upper
200	100		
173	23.1	1.1	41.1
215	49.2	35.6	75.6

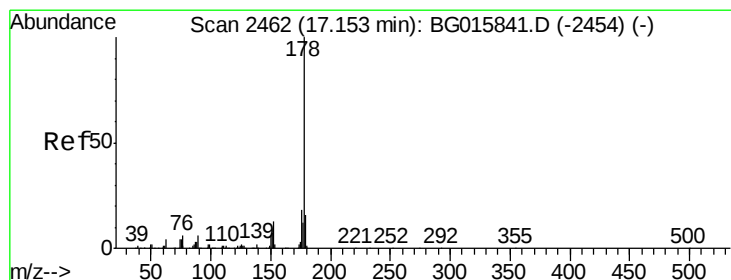
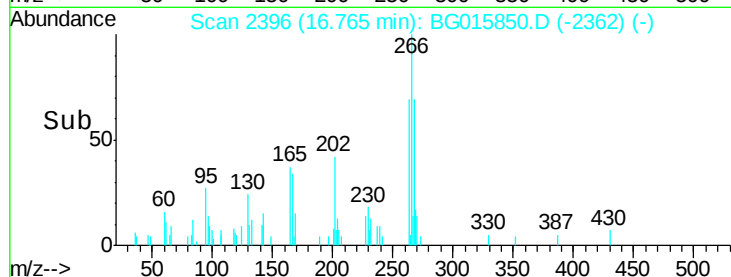
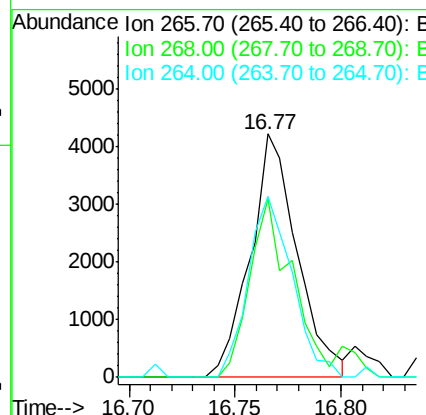
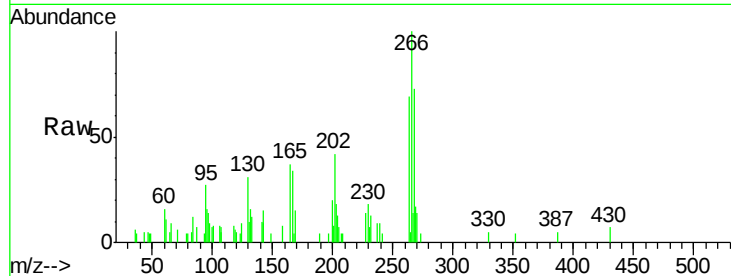




#69
 Pentachlorophenol
 Concen: 3.73 ng
 RT: 16.77 min Scan# 2396
 Delta R.T. -0.00 min
 Lab File: BG015850.D
 Acq: 5 Jan 2015 19:36

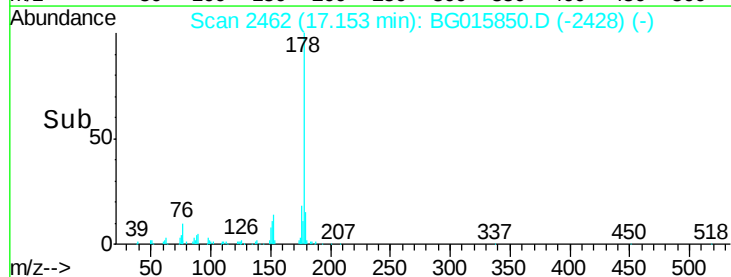
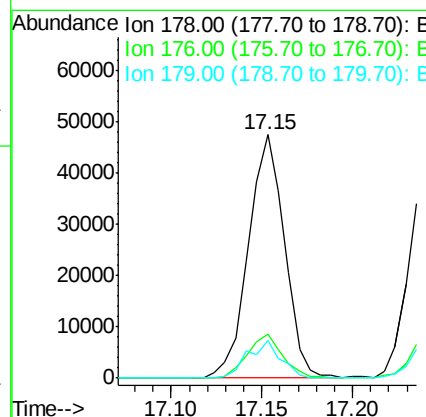
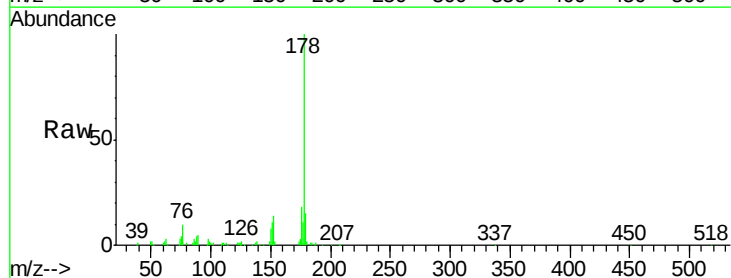
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

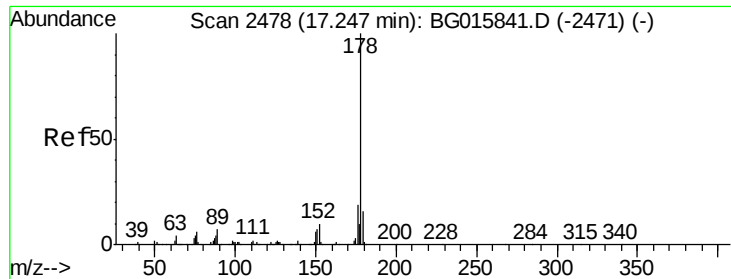
Tgt Ion:266 Resp: 6515
 Ion Ratio Lower Upper
 266 100
 268 90.5 50.2 75.2#
 264 74.4 48.2 72.2#



#70
 Phenanthrene
 Concen: 6.46 ng
 RT: 17.15 min Scan# 2462
 Delta R.T. -0.00 min
 Lab File: BG015850.D
 Acq: 5 Jan 2015 19:36

Tgt Ion:178 Resp: 65437
 Ion Ratio Lower Upper
 178 100
 176 18.2 14.5 21.7
 179 15.5 12.6 19.0

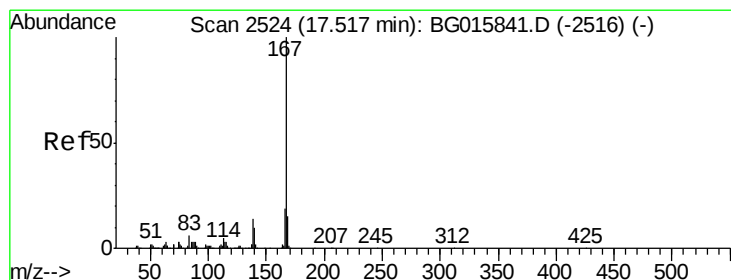
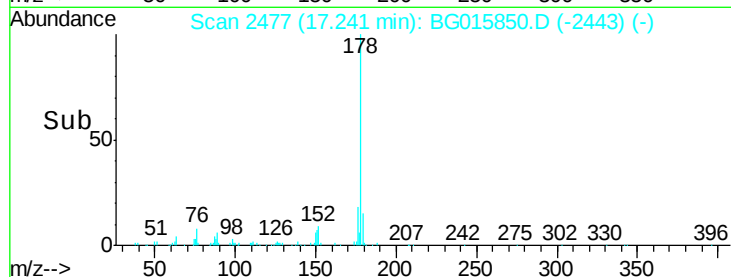
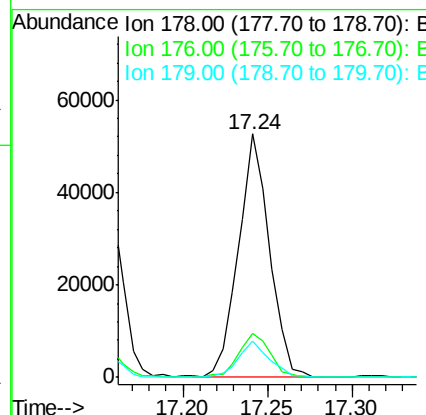
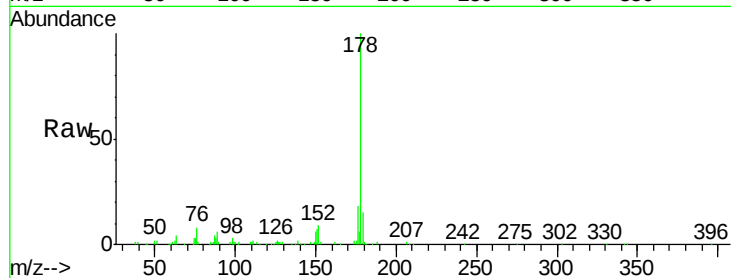




#71
 Anthracene
 Concen: 6.67 ng
 RT: 17.24 min Scan# 2477
 Delta R.T. -0.00 min
 Lab File: BG015850.D
 Acq: 5 Jan 2015 19:36

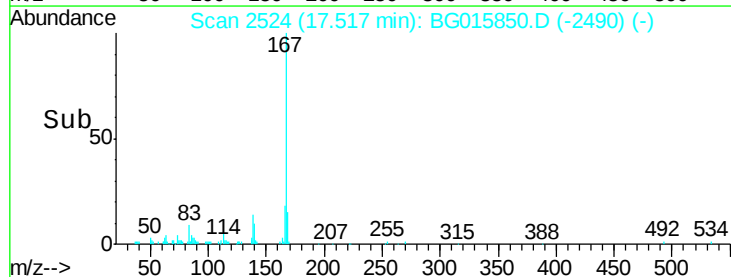
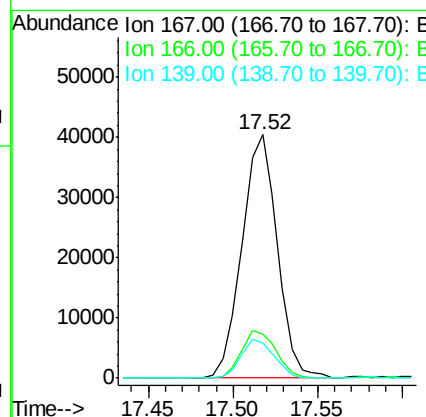
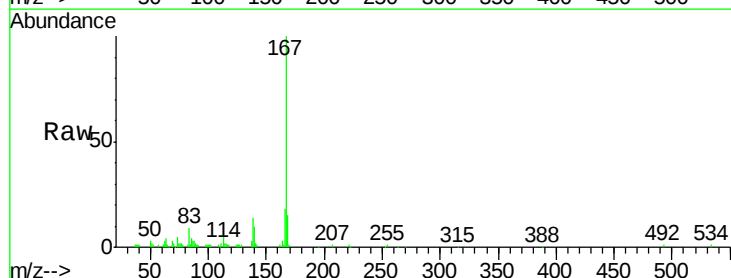
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

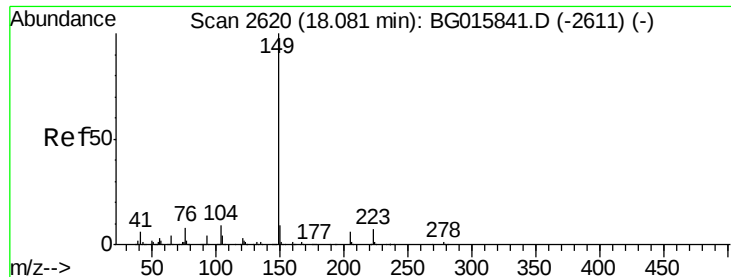
Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.6	23.4
179	14.9	12.6	18.8



#72
 Carbazole
 Concen: 6.11 ng
 RT: 17.52 min Scan# 2524
 Delta R.T. -0.00 min
 Lab File: BG015850.D
 Acq: 5 Jan 2015 19:36

Tgt Ion	Ratio	Lower	Upper
167	100		
166	18.2	15.0	22.4
139	14.2	11.0	16.4

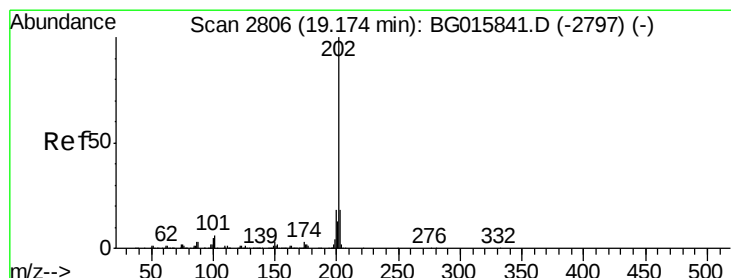
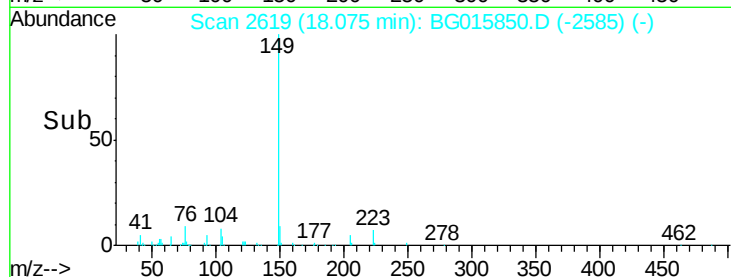
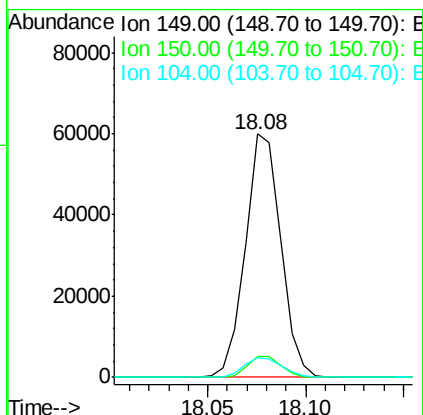
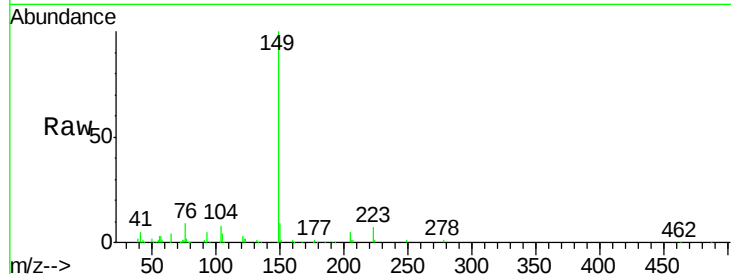




#73
Di-n-butylphthalate
Concen: 6.63 ng
RT: 18.08 min Scan# 2619
Delta R.T. -0.00 min
Lab File: BG015850.D
Acq: 5 Jan 2015 19:36

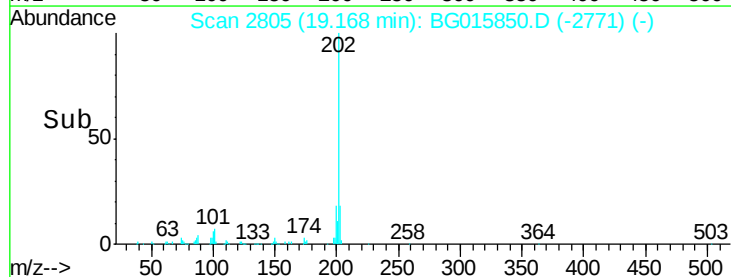
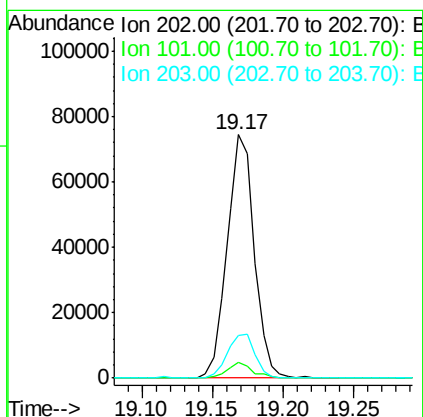
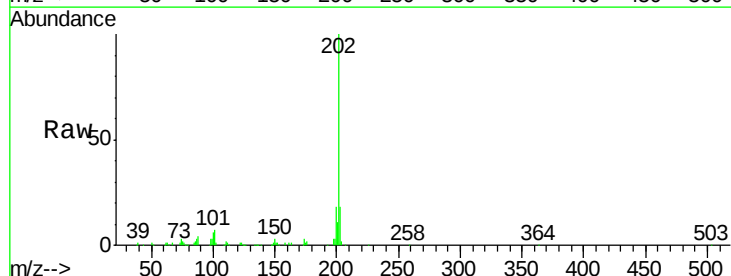
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

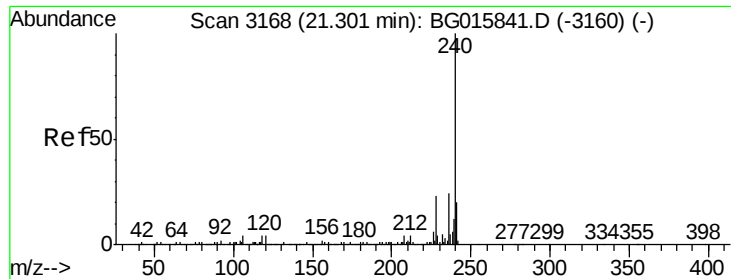
Tgt Ion:149 Resp: 75356
Ion Ratio Lower Upper
149 100
150 8.5 7.1 10.7
104 7.9 6.8 10.2



#74
Fluoranthene
Concen: 6.48 ng
RT: 19.17 min Scan# 2805
Delta R.T. -0.00 min
Lab File: BG015850.D
Acq: 5 Jan 2015 19:36

Tgt Ion:202 Resp: 99355
Ion Ratio Lower Upper
202 100
101 6.7 0.0 26.1
203 17.7 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: BG015850.D

Acq: 5 Jan 2015 19:36

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

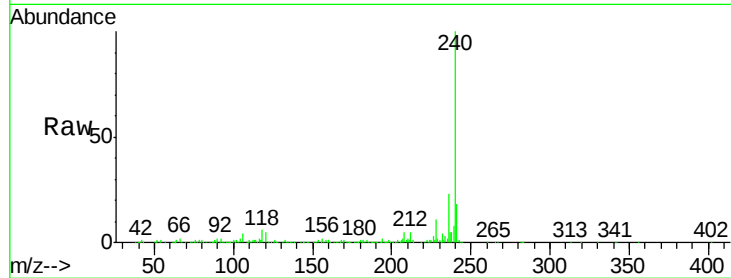
Tgt Ion:240 Resp: 305145

Ion Ratio Lower Upper

240 100

120 5.1 3.4 5.2

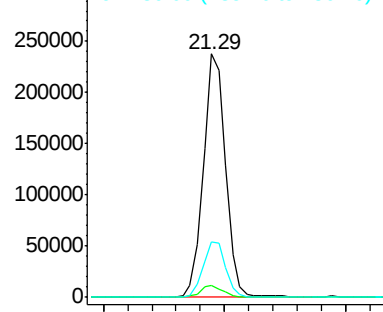
236 22.6 19.0 28.6



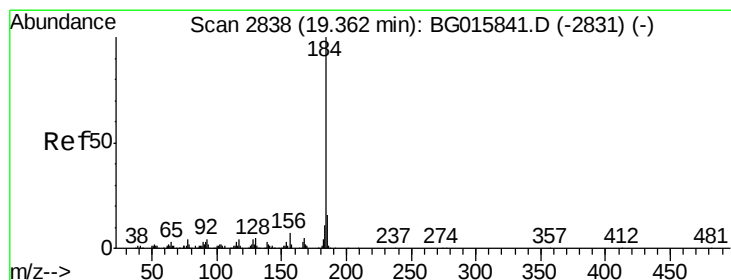
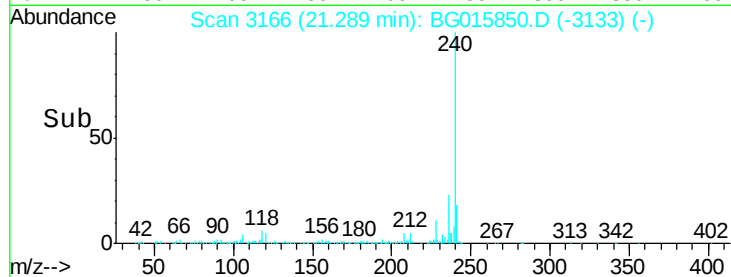
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 21.20 21.30 21.40



#76

Benzidine

Concen: 3.20 ng

RT: 19.36 min Scan# 2837

Delta R.T. -0.00 min

Lab File: BG015850.D

Acq: 5 Jan 2015 19:36

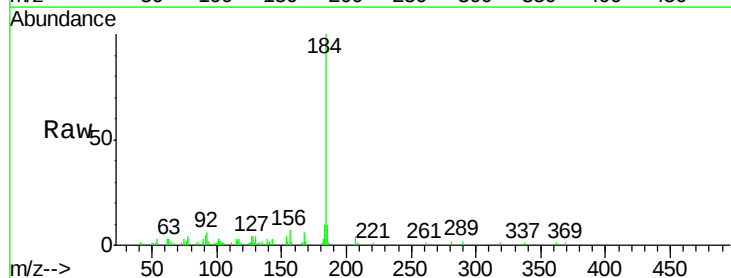
Tgt Ion:184 Resp: 22633

Ion Ratio Lower Upper

184 100

185 10.1 12.6 18.8#

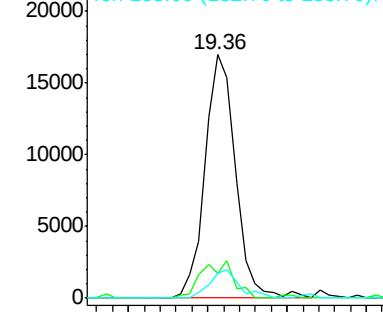
183 10.0 8.4 12.6



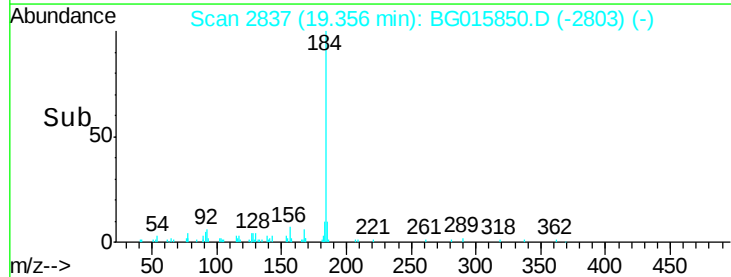
Abundance Ion 184.00 (183.70 to 184.70): E

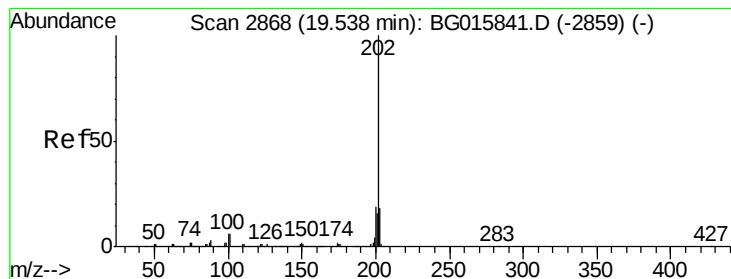
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time--> 19.30 19.35 19.40





#77

Pyrene

Concen: 6.53 ng

RT: 19.53 min Scan# 2867

Delta R.T. -0.00 min

Lab File: BG015850.D

Acq: 5 Jan 2015 19:36

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

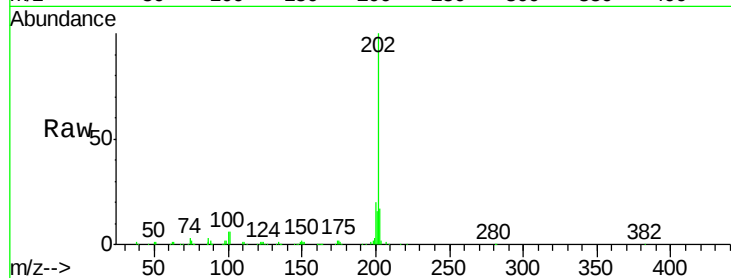
Tgt Ion:202 Resp: 106481

Ion Ratio Lower Upper

202 100

200 20.0 15.1 22.7

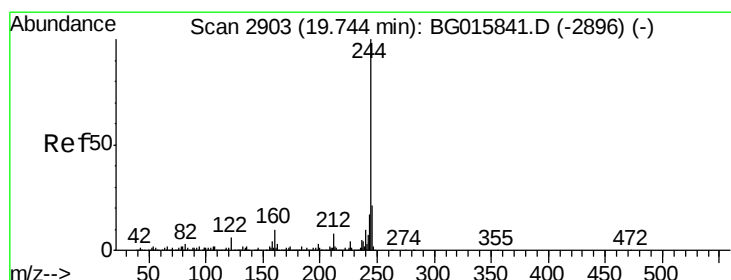
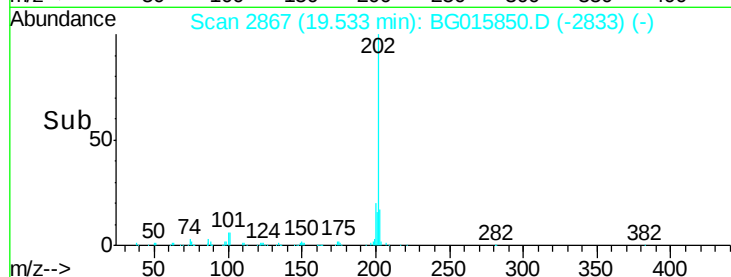
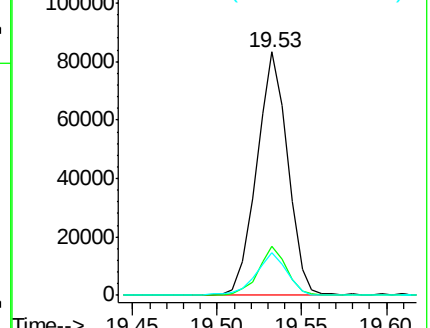
203 17.3 14.2 21.4



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: 40.17 ng

RT: 19.74 min Scan# 2902

Delta R.T. -0.00 min

Lab File: BG015850.D

Acq: 5 Jan 2015 19:36

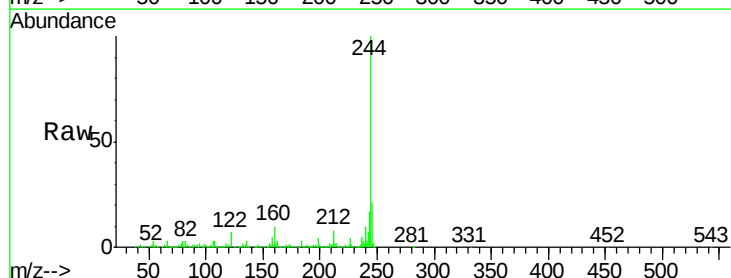
Tgt Ion:244 Resp: 1096949

Ion Ratio Lower Upper

244 100

212 8.5 6.6 9.8

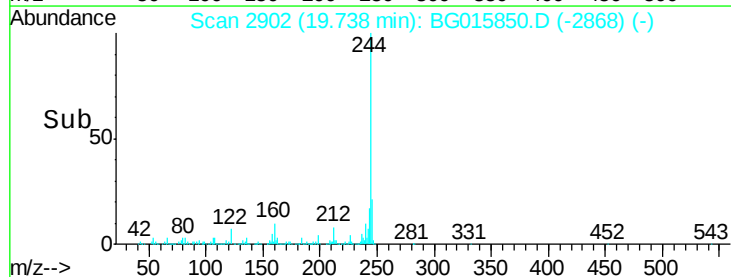
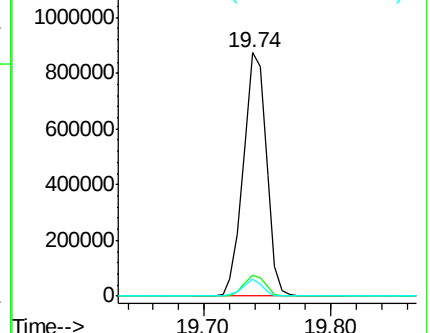
122 6.8 4.7 7.1

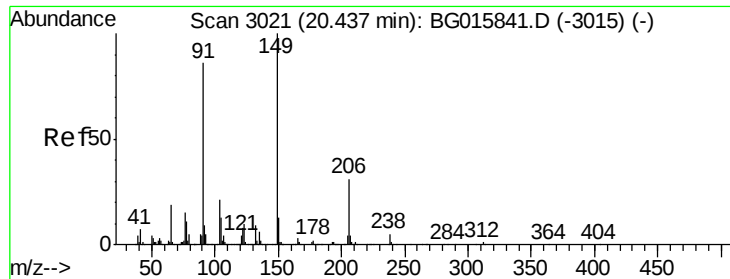


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

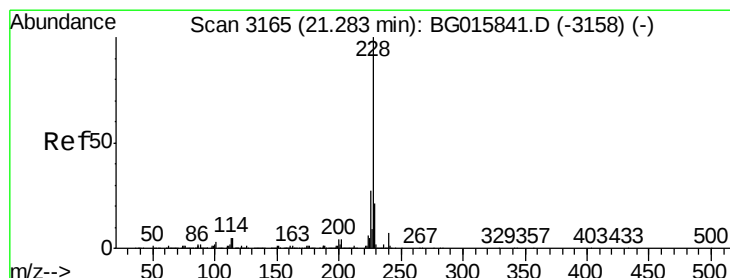
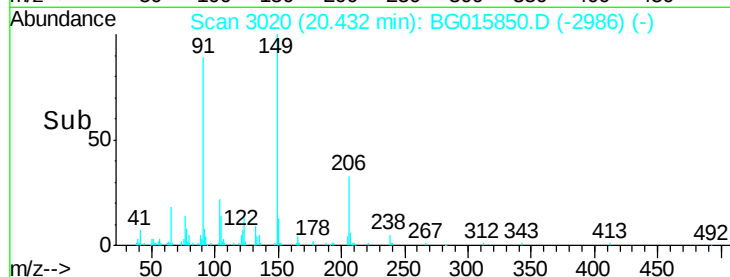
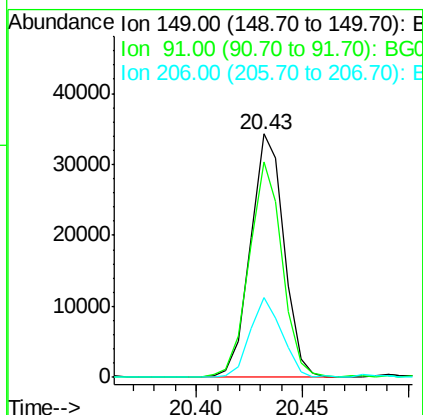
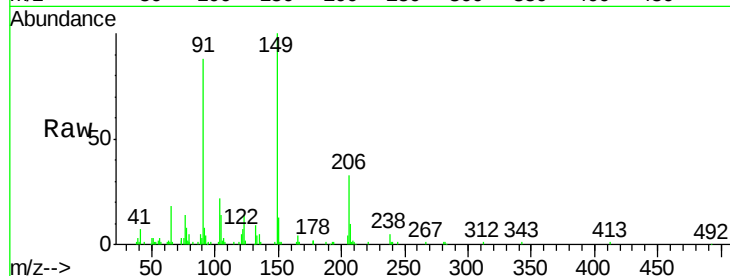




#79
Butylbenzylphthalate
Concen: 6.18 ng
RT: 20.43 min Scan# 3020
Delta R.T. -0.00 min
Lab File: BG015850.D
Acq: 5 Jan 2015 19:36

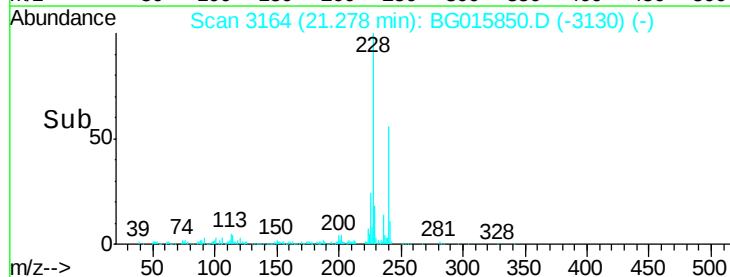
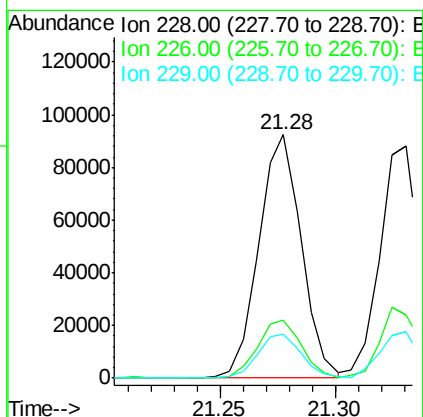
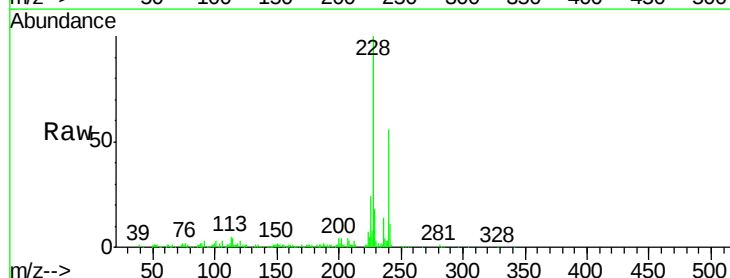
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

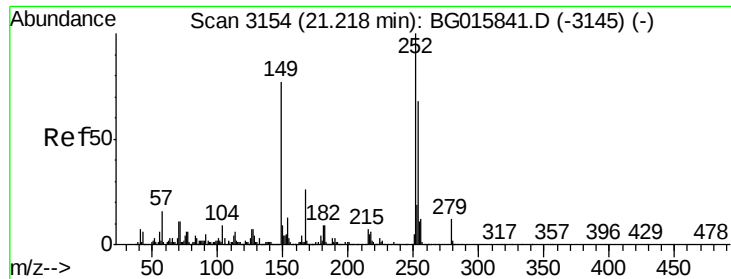
Tgt Ion:149 Resp: 37794
Ion Ratio Lower Upper
149 100
91 88.3 68.4 102.6
206 32.7 24.9 37.3



#80
Benzo(a)anthracene
Concen: 6.51 ng
RT: 21.28 min Scan# 3164
Delta R.T. -0.00 min
Lab File: BG015850.D
Acq: 5 Jan 2015 19:36

Tgt Ion:228 Resp: 117960
Ion Ratio Lower Upper
228 100
226 24.0 21.4 32.2
229 18.2 16.8 25.2

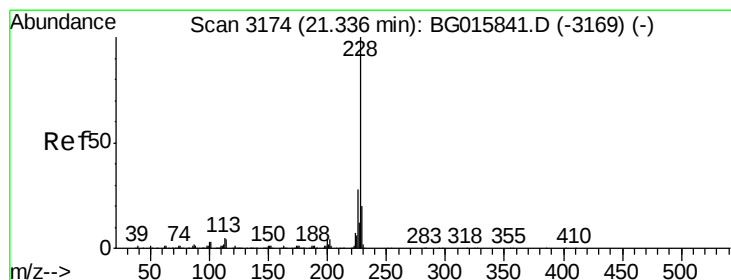
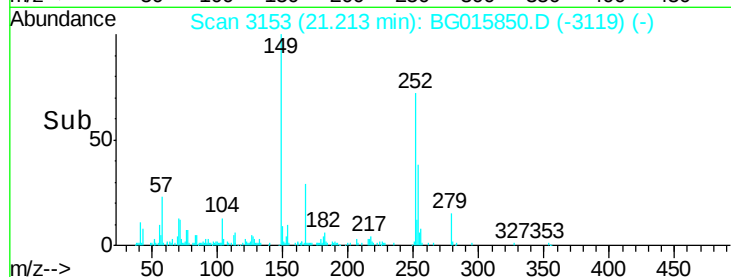
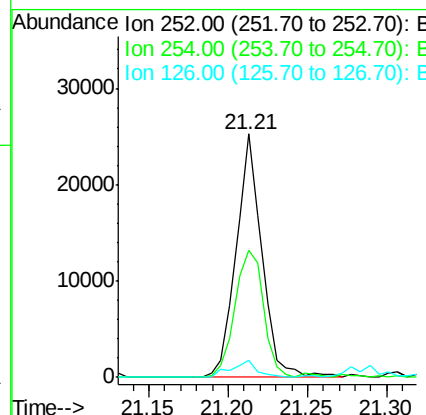
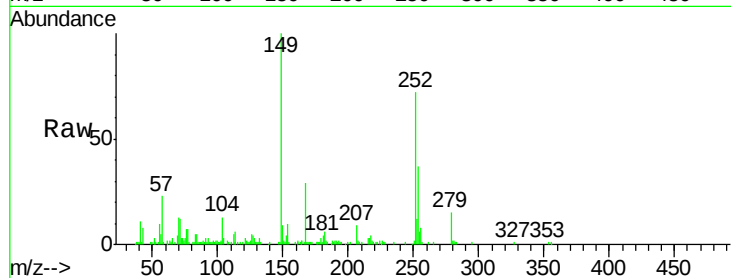




#81
 3,3'-Dichlorobenzidine
 Concen: 4.27 ng
 RT: 21.21 min Scan# 3153
 Delta R.T. -0.00 min
 Lab File: BG015850.D
 Acq: 5 Jan 2015 19:36

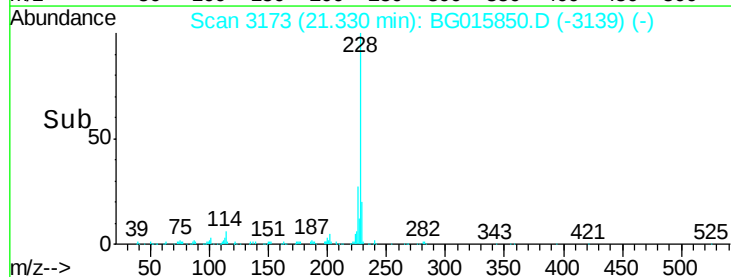
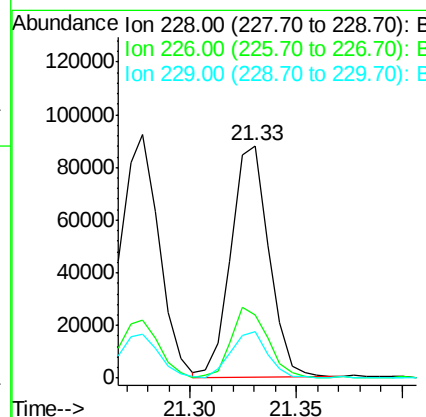
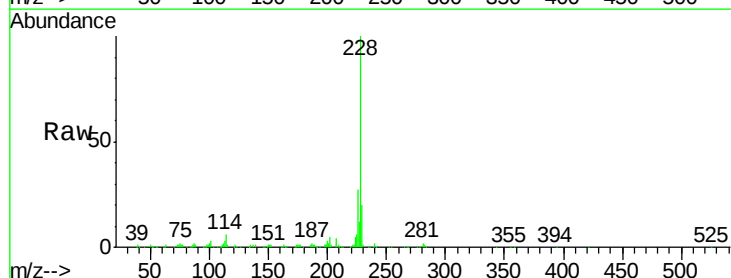
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

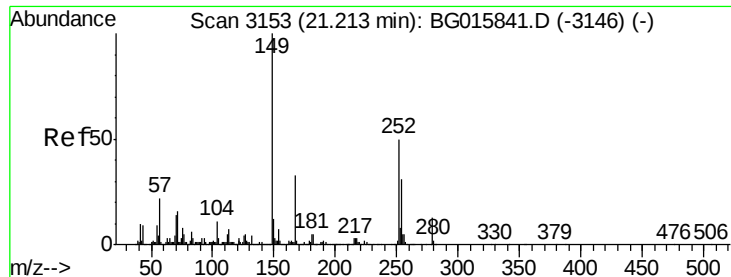
Tgt Ion:252 Resp: 28381
 Ion Ratio Lower Upper
 252 100
 254 52.1 54.0 81.0#
 126 6.8 5.8 8.8



#82
 Chrysene
 Concen: 6.51 ng
 RT: 21.33 min Scan# 3173
 Delta R.T. -0.00 min
 Lab File: BG015850.D
 Acq: 5 Jan 2015 19:36

Tgt Ion:228 Resp: 108418
 Ion Ratio Lower Upper
 228 100
 226 27.2 22.5 33.7
 229 20.1 15.8 23.6

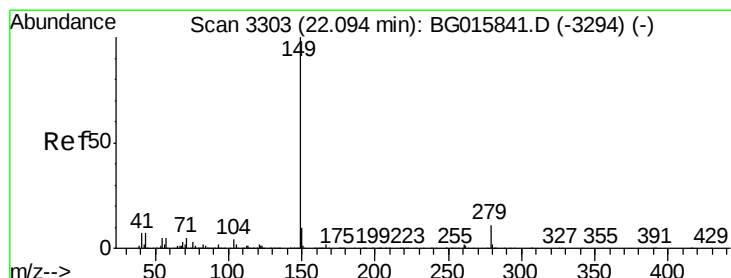
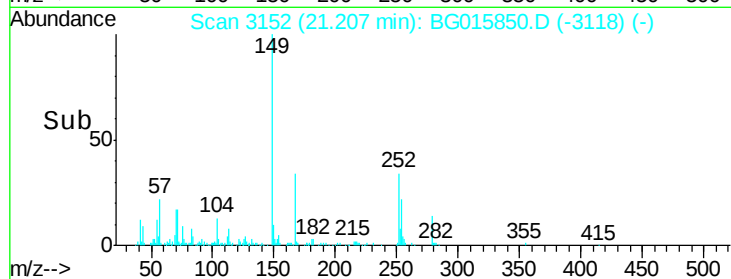
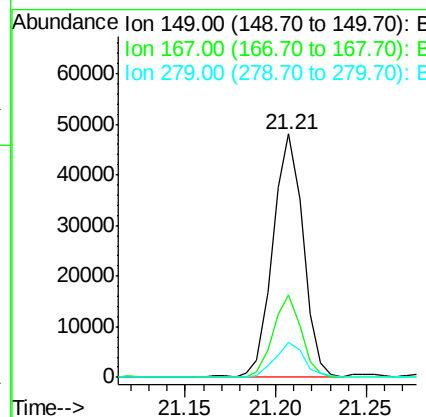
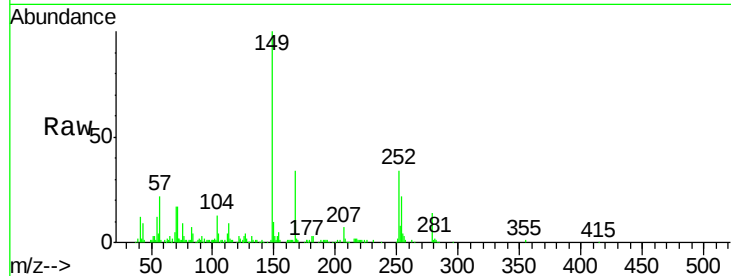




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 6.27 ng
 RT: 21.21 min Scan# 3152
 Delta R.T. -0.00 min
 Lab File: BG015850.D
 Acq: 5 Jan 2015 19:36

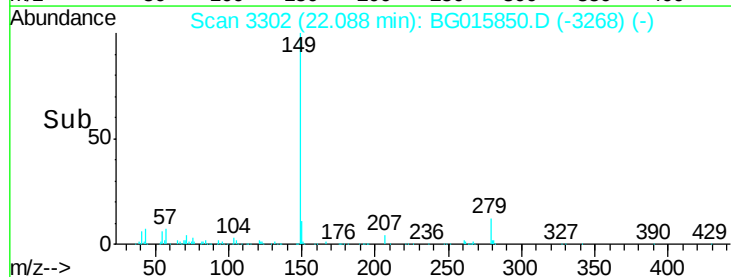
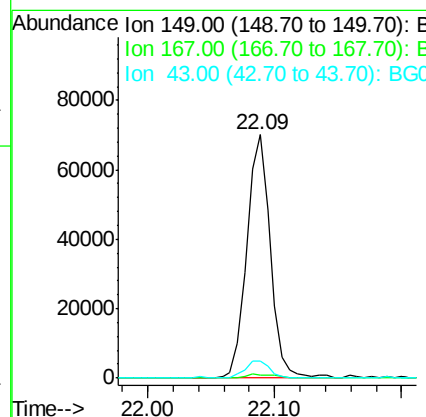
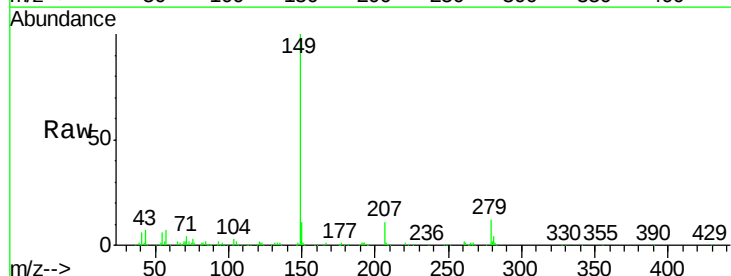
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

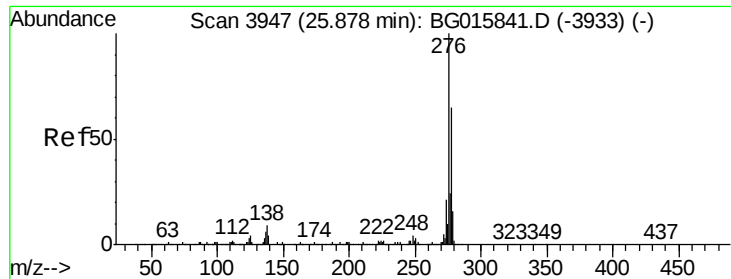
Tgt Ion:149 Resp: 55757
 Ion Ratio Lower Upper
 149 100
 167 34.0 26.2 39.2
 279 14.3 10.5 15.7



#84
 Di-n-octyl phthalate
 Concen: 6.23 ng
 RT: 22.09 min Scan# 3302
 Delta R.T. -0.00 min
 Lab File: BG015850.D
 Acq: 5 Jan 2015 19:36

Tgt Ion:149 Resp: 90191
 Ion Ratio Lower Upper
 149 100
 167 1.9 1.6 2.4
 43 7.4 5.9 8.9





#85

Indeno(1,2,3-cd)pyrene

Concen: 6.05 ng

RT: 25.86 min Scan# 3944

Delta R.T. -0.02 min

Lab File: BG015850.D

Acq: 5 Jan 2015 19:36

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

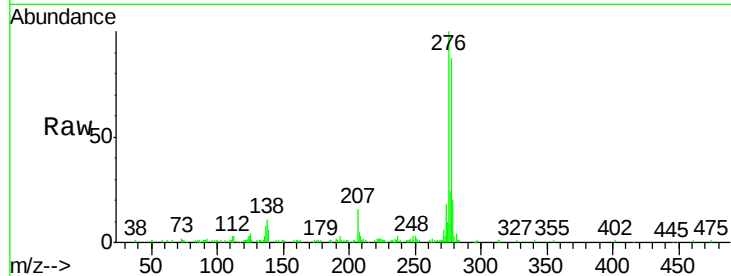
Tgt Ion:276 Resp: 119083

Ion Ratio Lower Upper

276 100

138 10.9 7.8 11.6

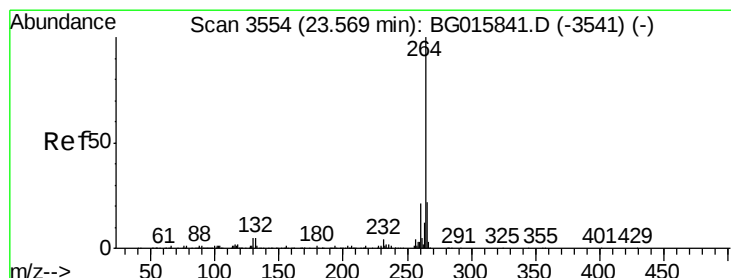
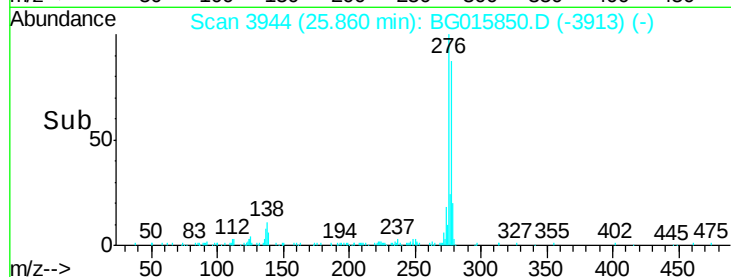
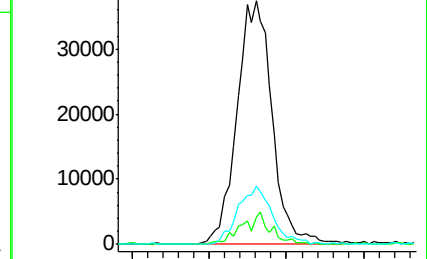
277 23.3 20.6 31.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.56 min Scan# 3552

Delta R.T. -0.00 min

Lab File: BG015850.D

Acq: 5 Jan 2015 19:36

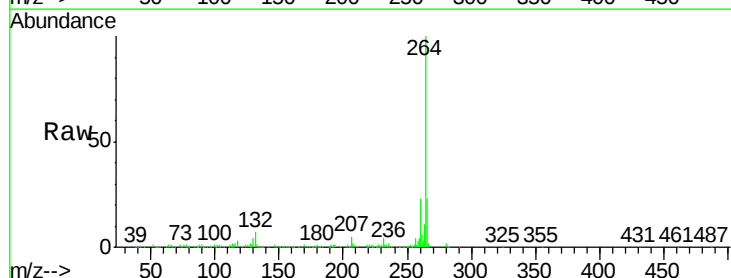
Tgt Ion:264 Resp: 282888

Ion Ratio Lower Upper

264 100

260 22.6 17.0 25.4

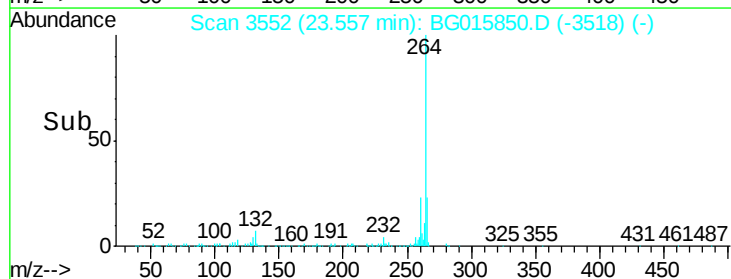
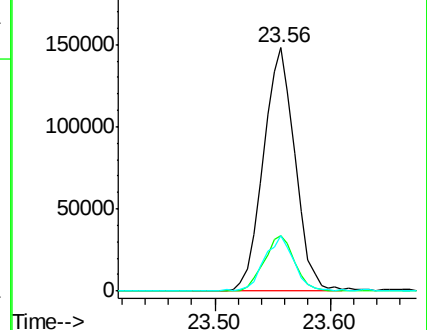
265 22.6 17.4 26.0

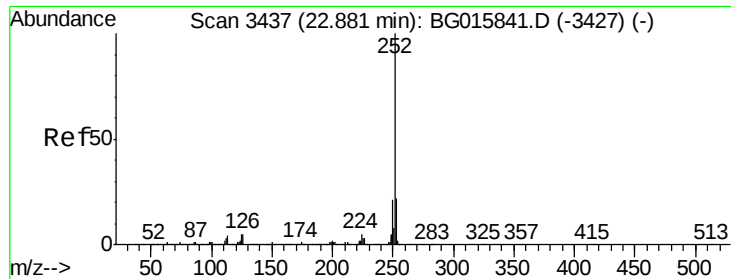


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 6.28 ng

RT: 22.87 min Scan# 3435

Delta R.T. -0.01 min

Lab File: BG015850.D

Acq: 5 Jan 2015 19:36

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

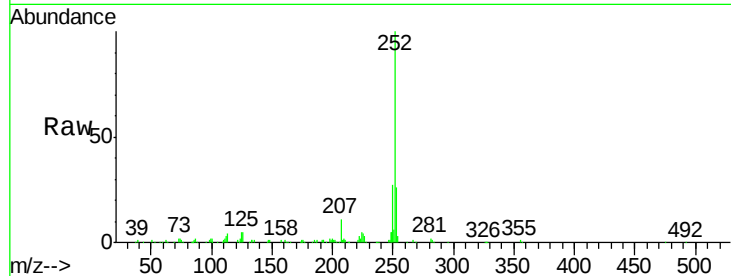
Tgt Ion:252 Resp: 110838

Ion Ratio Lower Upper

252 100

253 26.0 17.8 26.8

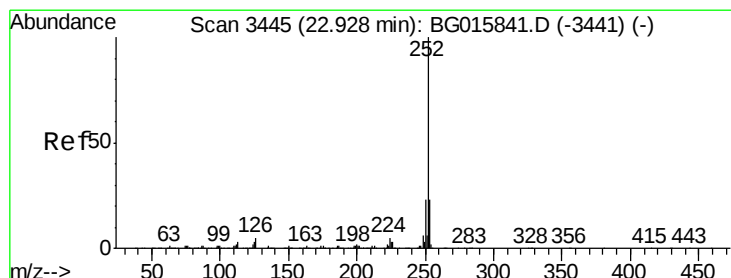
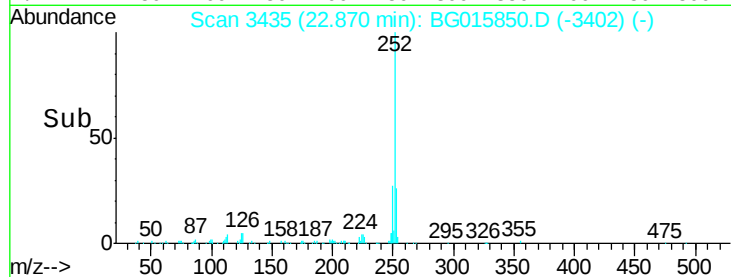
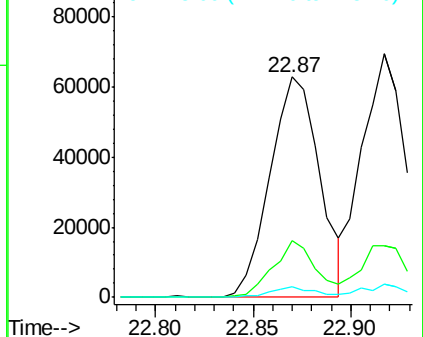
125 4.7 3.6 5.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 6.50 ng

RT: 22.92 min Scan# 3443

Delta R.T. -0.01 min

Lab File: BG015850.D

Acq: 5 Jan 2015 19:36

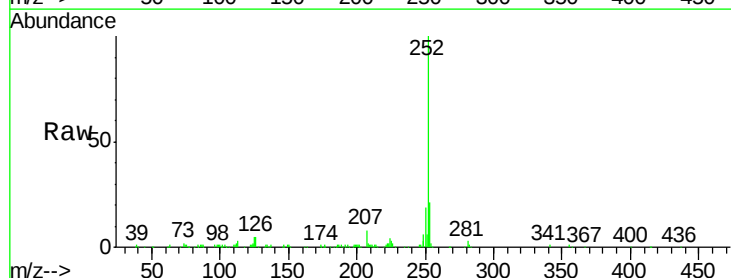
Tgt Ion:252 Resp: 110493

Ion Ratio Lower Upper

252 100

253 21.2 18.2 27.2

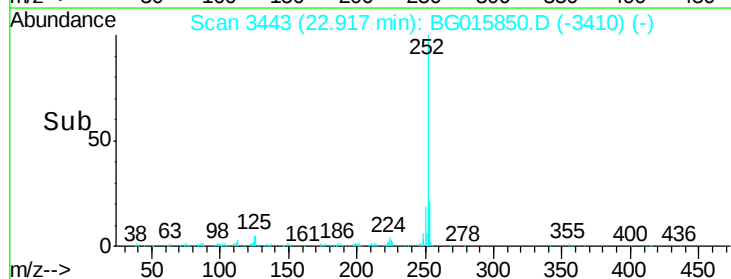
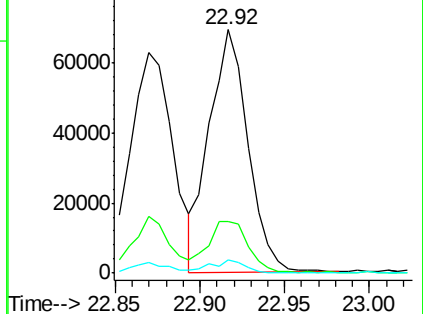
125 5.4 3.0 4.6#

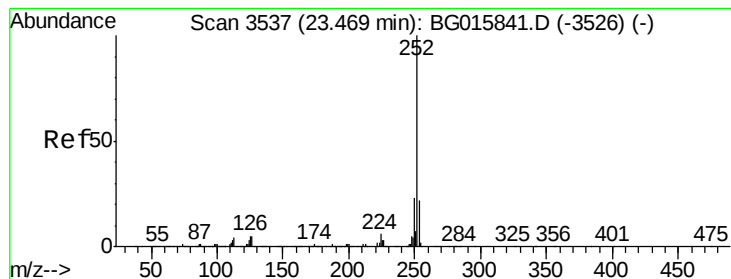


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 6.43 ng

RT: 23.46 min Scan# 3535

Delta R.T. -0.01 min

Lab File: BG015850.D

Acq: 5 Jan 2015 19:36

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

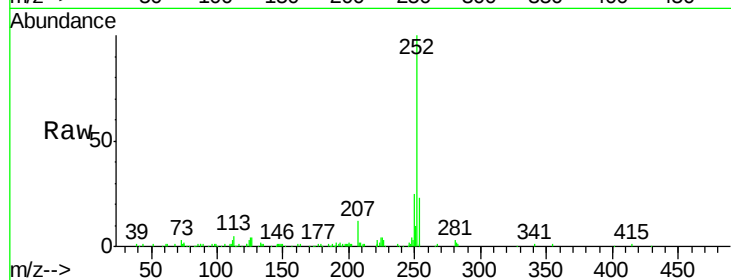
Tgt Ion:252 Resp: 102259

Ion Ratio Lower Upper

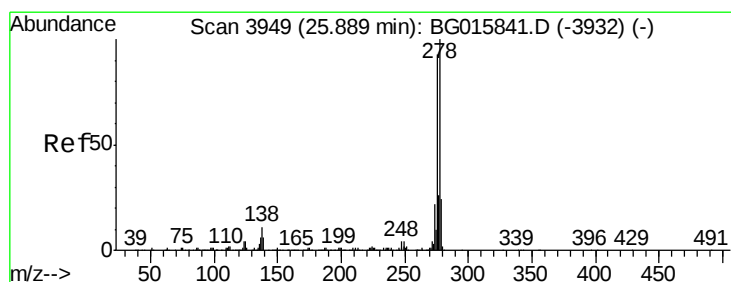
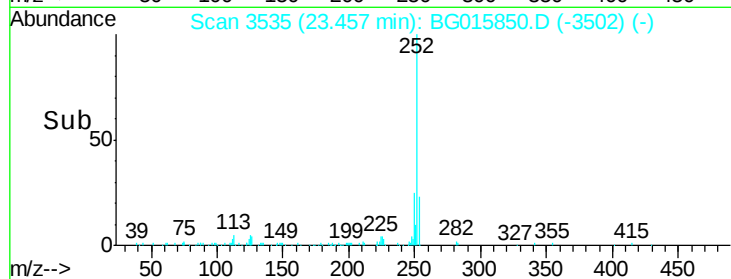
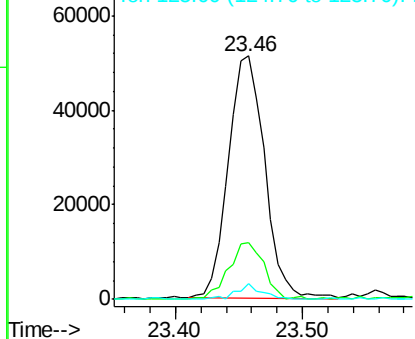
252 100

253 23.2 17.9 26.9

125 6.7 3.7 5.5#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 6.43 ng

RT: 25.87 min Scan# 3946

Delta R.T. -0.01 min

Lab File: BG015850.D

Acq: 5 Jan 2015 19:36

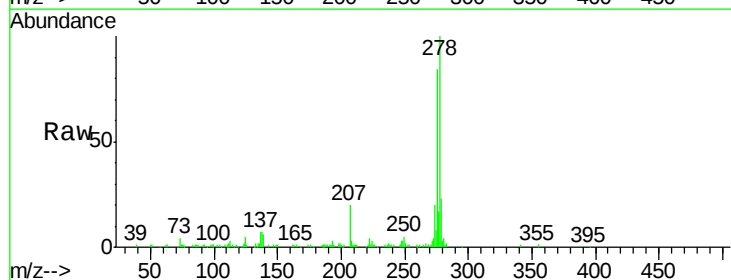
Tgt Ion:278 Resp: 100552

Ion Ratio Lower Upper

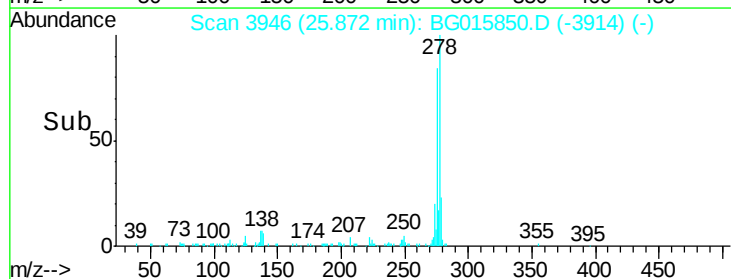
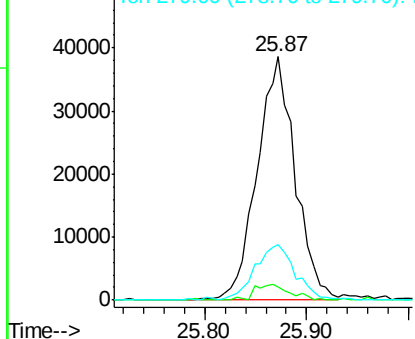
278 100

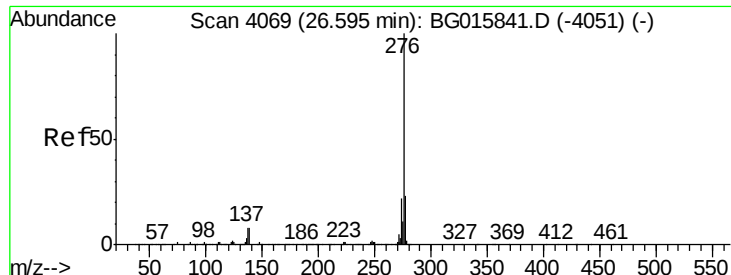
139 5.6 4.9 7.3

279 22.8 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: 6.60 ng

RT: 26.56 min Scan# 4063

Delta R.T. -0.03 min

Lab File: BG015850.D

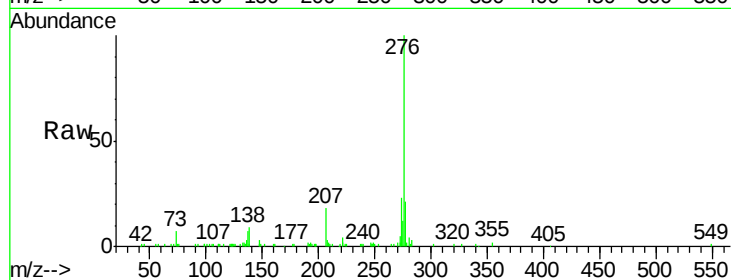
Acq: 5 Jan 2015 19:36

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01



Tgt Ion: 276 Resp: 102499

Ion Ratio Lower Upper

276 100

277 21.4 18.2 27.2

138 9.6 6.4 9.6#

