

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG010515\
 Data File : BG015849.D
 Acq On : 5 Jan 2015 19:01
 Operator : TP/IZ
 Sample : G1001-03-S
 Misc : LOD-SOIL-5PPM
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

Quant Time: Jan 06 06:13:20 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	29346	20.00	ng	0.00
21) Naphthalene-d8	10.51	136	104413	20.00	ng	0.00
38) Acenaphthene-d10	14.37	164	76146	20.00	ng	0.00
63) Phenanthrene-d10	17.11	188	192112	20.00	ng	0.00
75) Chrysene-d12	21.29	240	291079	20.00	ng	0.00
86) Perylene-d12	23.56	264	276423	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	196994	57.73	ng	0.00
7) Phenol-d6	6.91	99	270631	56.95	ng	0.00
23) Nitrobenzene-d5	8.88	82	194674	36.58	ng	0.00
41) 2,4,6-Tribromophenol	15.86	330	170678	58.97	ng	0.00
44) 2-Fluorobiphenyl	12.98	172	417131	39.13	ng	0.00
78) Terphenyl-d14	19.74	244	981210	37.67	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.25	88	2665	3.41	ng	# 93
3) Pyridine	3.65	79	6255	2.92	ng	95
4) n-Nitrosodimethylamine	3.57	42	3372	3.66	ng	# 72
6) Aniline	7.06	93	7140	2.22	ng	# 79
8) 2-Chlorophenol	7.29	128	6086	3.46	ng	98
9) Benzaldehyde	6.87	77	7846	4.90	ng	87
10) Phenol	6.93	94	8655	3.35	ng	# 74
11) bis(2-Chloroethyl)ether	7.16	93	6864	3.60	ng	86
12) 1,3-Dichlorobenzene	7.62	146	6774	3.21	ng	96
13) 1,4-Dichlorobenzene	7.77	146	6798	3.16	ng	# 84
14) 1,2-Dichlorobenzene	8.07	146	6602	3.23	ng	89
15) Benzyl Alcohol	7.97	79	7675	3.31	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.27	45	4702	3.86	ng	92
17) 2-Methylphenol	8.17	107	6242	3.54	ng	# 87
18) Hexachloroethane	8.80	117	3075	3.10	ng	91
19) n-Nitroso-di-n-propylamine	8.53	70	6252	3.37	ng	# 91
20) 3+4-Methylphenols	8.50	107	8240	3.50	ng	# 83
22) Acetophenone	8.55	105	11134	3.64	ng	# 91
24) Nitrobenzene	8.92	77	11819	4.41	ng	# 81
25) Isophorone	9.44	82	16212	3.44	ng	96
26) 2-Nitrophenol	9.63	139	3452	3.36	ng	94
27) 2,4-Dimethylphenol	9.69	122	6264	3.65	ng	# 70
28) bis(2-Chloroethoxy)methane	9.93	93	9058	3.89	ng	# 90
29) 2,4-Dichlorophenol	10.16	162	6889	3.97	ng	# 81
30) 1,2,4-Trichlorobenzene	10.38	180	7688	3.38	ng	# 89
31) Naphthalene	10.56	128	19820	3.58	ng	# 96
32) Benzoic acid	9.93	122	239	0.30	ng	# 18
33) 4-Chloroaniline	10.68	127	5860	2.60	ng	# 92
34) Hexachlorobutadiene	10.85	225	7577	3.58	ng	# 87
35) Caprolactam	11.42	113	2407	3.15	ng	# 82
36) 4-Chloro-3-methylphenol	11.80	107	7656	3.39	ng	# 77
37) 2-Methylnaphthalene	12.17	142	14645	3.54	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.55	216	10398	3.67	ng	# 90
40) Hexachlorocyclopentadiene	12.53	237	4719	2.50	ng	78

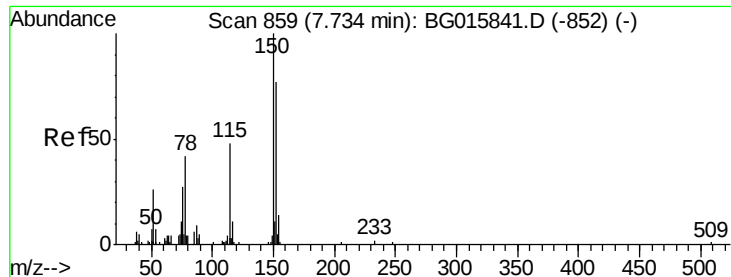
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG010515\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.79	196	6548	3.77	ng	# 63
43) 2,4,5-Trichlorophenol	12.87	196	6201	3.26	ng	# 77
45) 1,1'-Biphenyl	13.20	154	20475	3.77	ng	97
46) 2-Chloronaphthalene	13.24	162	15980	3.69	ng	93
47) 2-Nitroaniline	13.44	65	5039	3.56	ng	# 75
48) Acenaphthylene	14.09	152	27028	3.65	ng	# 91
49) Dimethylphthalate	13.82	163	20490	3.65	ng	# 82
50) 2,6-Dinitrotoluene	13.94	165	4267	3.52	ng	90
51) Acenaphthene	14.43	154	16125	3.70	ng	89
52) 3-Nitroaniline	14.27	138	3524	3.06	ng	# 68
53) 2,4-Dinitrophenol	14.49	184	260	0.39	ng	# 49
54) Dibenzofuran	14.76	168	27155	3.85	ng	97
55) 4-Nitrophenol	14.59	139	2225	2.34	ng	# 85
56) 2,4-Dinitrotoluene	14.73	165	5989	3.43	ng	# 76
57) Fluorene	15.42	166	22450	3.90	ng	84
58) 2,3,4,6-Tetrachlorophenol	14.99	232	6610	3.08	ng	# 94
59) Diethylphthalate	15.19	149	23761	3.83	ng	# 91
60) 4-Chlorophenyl-phenylether	15.41	204	14225	3.79	ng	# 87
61) 4-Nitroaniline	15.43	138	3784	2.79	ng	# 68
62) Azobenzene	15.71	77	22607	3.38	ng	96
64) 4,6-Dinitro-2-methylphenol	15.50	198	2553	1.93	ng	# 80
65) n-Nitrosodiphenylamine	15.63	169	18814	3.41	ng	94
66) 4-Bromophenyl-phenylether	16.30	248	9963	3.78	ng	88
67) Hexachlorobenzene	16.42	284	10680	3.58	ng	95
68) Atrazine	16.57	200	7825	3.17	ng	86
69) Pentachlorophenol	16.77	266	2928	1.66	ng	# 50
70) Phenanthrene	17.15	178	37286	3.65	ng	98
71) Anthracene	17.24	178	36418	3.59	ng	97
72) Carbazole	17.51	167	31588	3.24	ng	99
73) Di-n-butylphthalate	18.08	149	39910	3.48	ng	# 95
74) Fluoranthene	19.17	202	52704	3.41	ng	95
76) Benzidine	19.36	184	9940	1.47	ng	# 92
77) Pyrene	19.54	202	56331	3.62	ng	99
79) Butylbenzylphthalate	20.43	149	19092	3.27	ng	95
80) Benzo(a)anthracene	21.27	228	63765	3.69	ng	97
81) 3,3'-Dichlorobenzidine	21.21	252	16243	2.56	ng	# 95
82) Chrysene	21.33	228	58918	3.71	ng	94
83) Bis(2-ethylhexyl)phthalate	21.20	149	29503	3.48	ng	91
84) Di-n-octyl phthalate	22.09	149	50882	3.69	ng	# 99
85) Indeno(1,2,3-cd)pyrene	25.85	276	68641	3.66	ng	99
87) Benzo(b)fluoranthene	22.87	252	63291	3.67	ng	99
88) Benzo(k)fluoranthene	22.87	252	63291	3.81	ng	100
89) Benzo(a)pyrene	23.45	252	57918	3.73	ng	96
90) Dibenzo(a,h)anthracene	25.87	278	55879	3.66	ng	# 95
91) Benzo(g,h,i)perylene	26.57	276	58117	3.83	ng	95

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

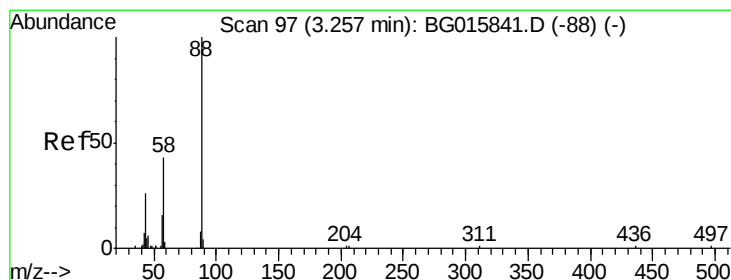
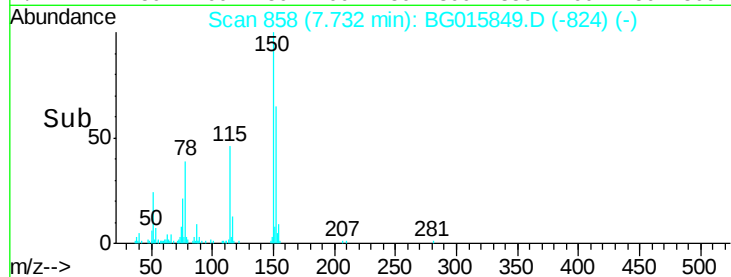
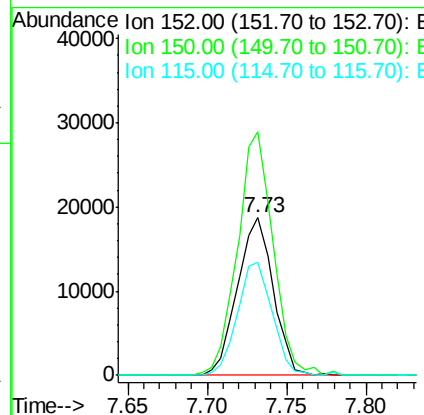
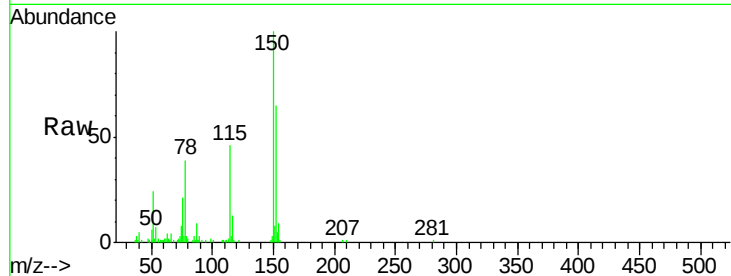


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.73 min Scan# 858
Delta R.T. 0.00 min
Lab File: BG015849.D
Acq: 5 Jan 2015 19:01

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

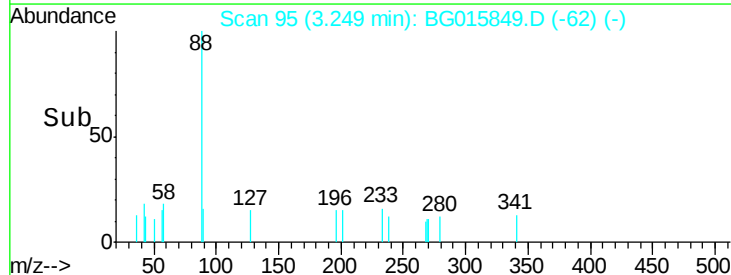
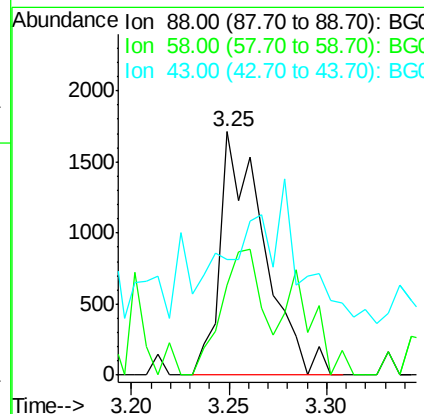
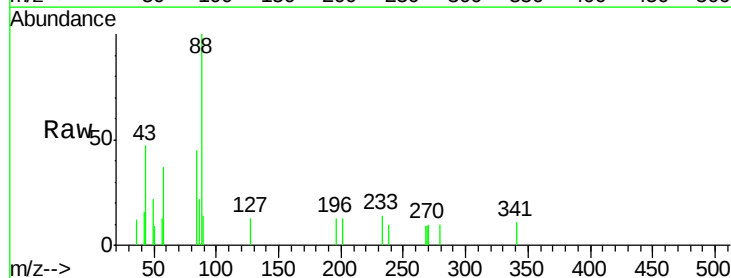
Tgt Ion:152 Resp: 29346
Ion Ratio Lower Upper
152 100
150 154.4 103.9 155.9
115 71.4 50.2 75.2

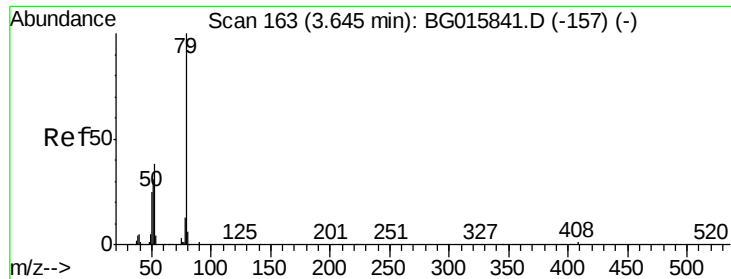


#2

1,4-Dioxane
Concen: 3.41 ng
RT: 3.25 min Scan# 95
Delta R.T. -0.00 min
Lab File: BG015849.D
Acq: 5 Jan 2015 19:01

Tgt Ion: 88 Resp: 2665
Ion Ratio Lower Upper
88 100
58 48.1 37.9 56.9
43 16.2 20.7 31.1#





#3

Pyridine

Concen: 2.92 ng

RT: 3.65 min Scan# 163

Delta R.T. 0.01 min

Lab File: BG015849.D

Acq: 5 Jan 2015 19:01

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

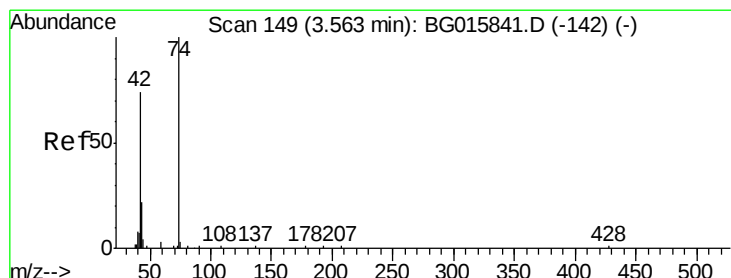
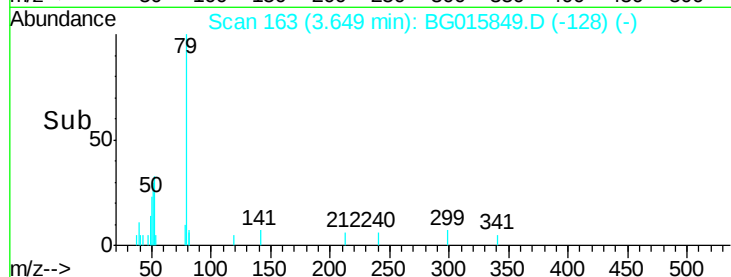
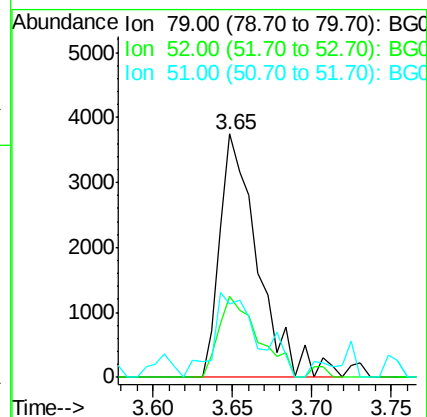
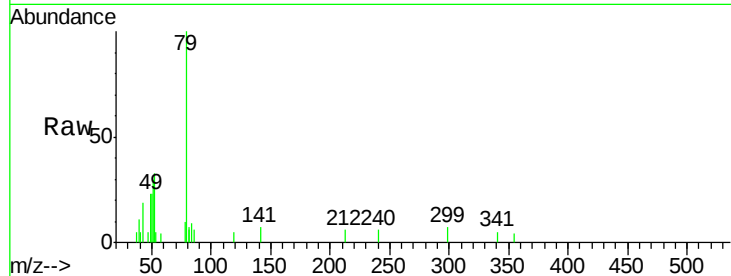
Tgt Ion: 79 Resp: 6255

Ion Ratio Lower Upper

79 100

52 33.3 30.6 46.0

51 30.1 24.9 37.3



#4

n-Nitrosodimethylamine

Concen: 3.66 ng

RT: 3.57 min Scan# 149

Delta R.T. 0.00 min

Lab File: BG015849.D

Acq: 5 Jan 2015 19:01

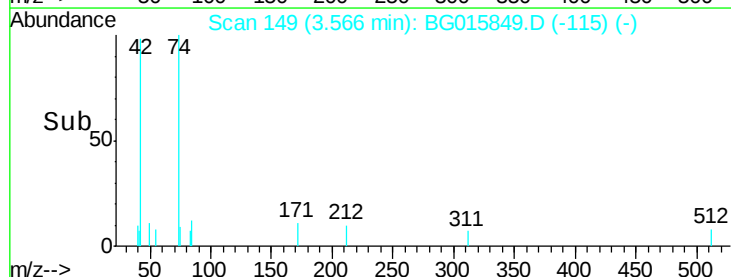
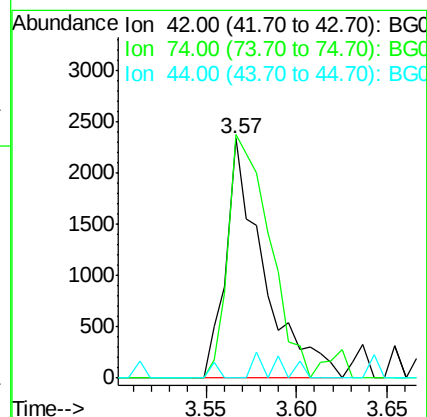
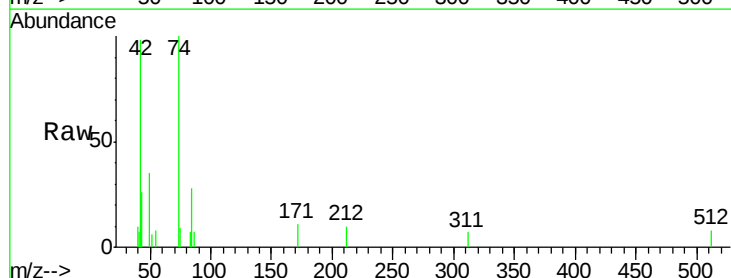
Tgt Ion: 42 Resp: 3372

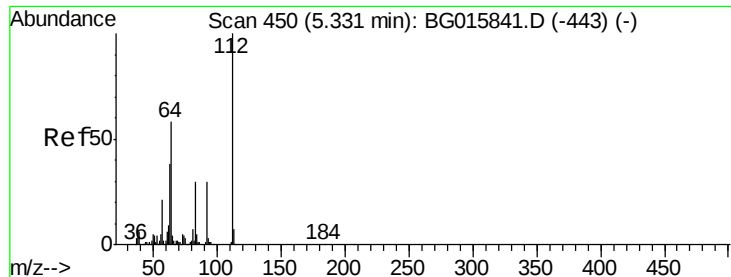
Ion Ratio Lower Upper

42 100

74 101.7 108.8 163.2#

44 0.0 4.4 6.6#





#5

2-Fluorophenol

Concen: 57.73 ng

RT: 5.33 min Scan# 450

Delta R.T. 0.01 min

Lab File: BG015849.D

Acq: 5 Jan 2015 19:01

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

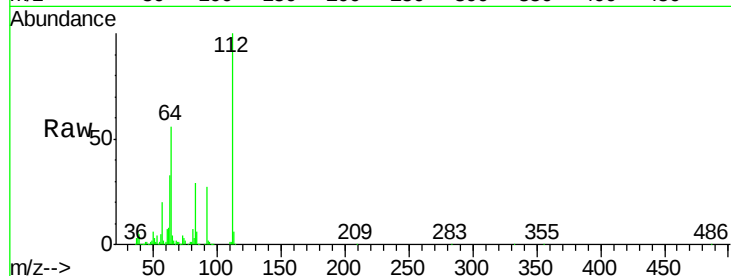
Tgt Ion: 112 Resp: 196994

Ion Ratio Lower Upper

112 100

64 55.8 46.8 70.2

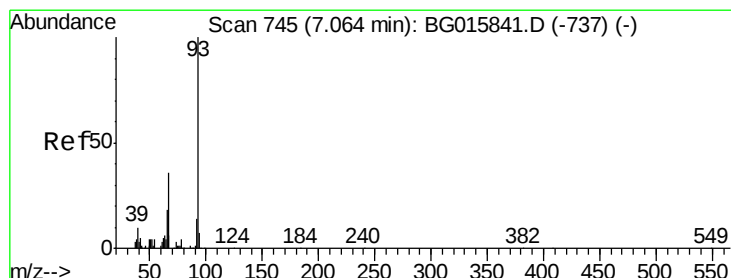
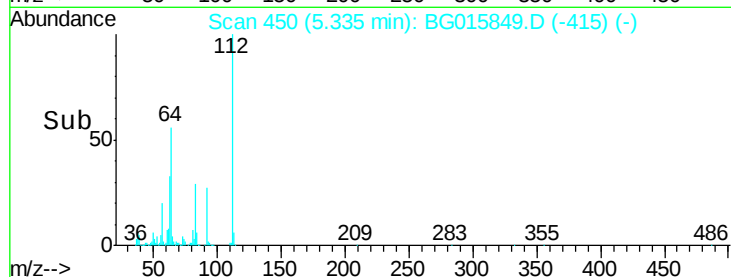
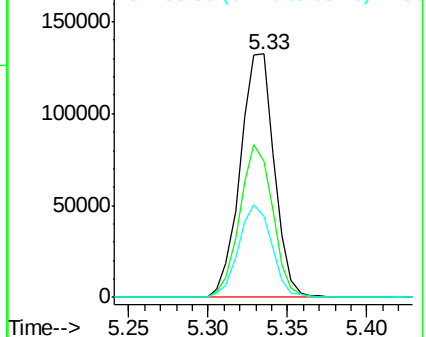
63 33.4 30.6 45.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 2.22 ng

RT: 7.06 min Scan# 744

Delta R.T. 0.00 min

Lab File: BG015849.D

Acq: 5 Jan 2015 19:01

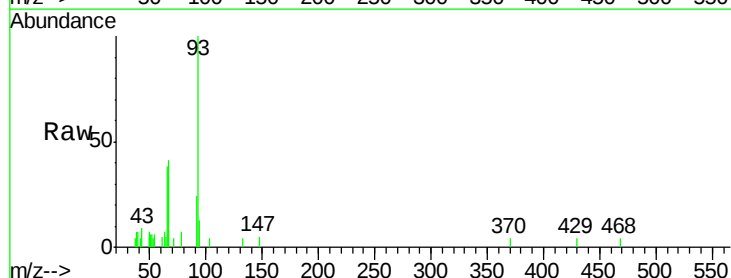
Tgt Ion: 93 Resp: 7140

Ion Ratio Lower Upper

93 100

66 41.3 28.7 43.1

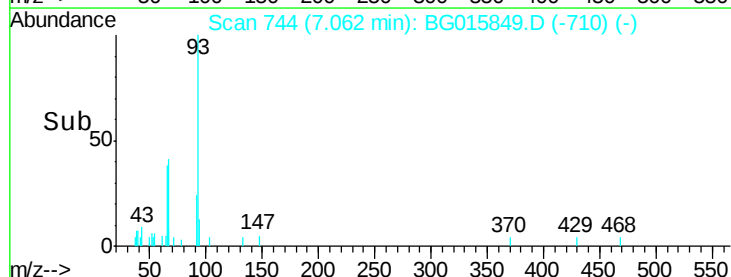
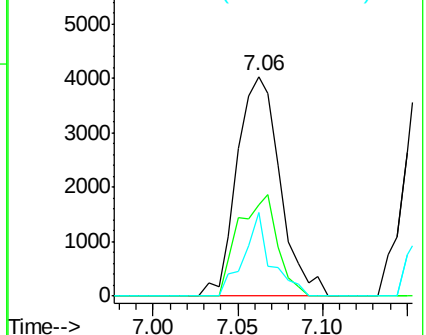
65 37.9 14.7 22.1#

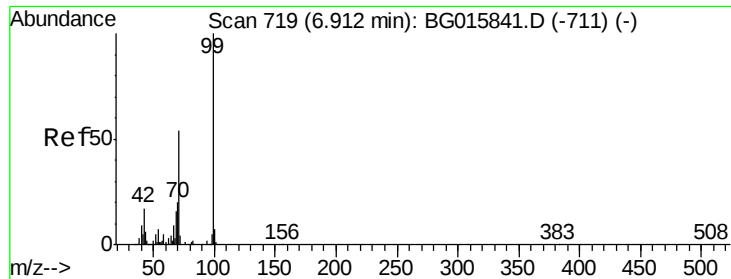


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 56.95 ng

RT: 6.91 min Scan# 718

Delta R.T. -0.00 min

Lab File: BG015849.D

Acq: 5 Jan 2015 19:01

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

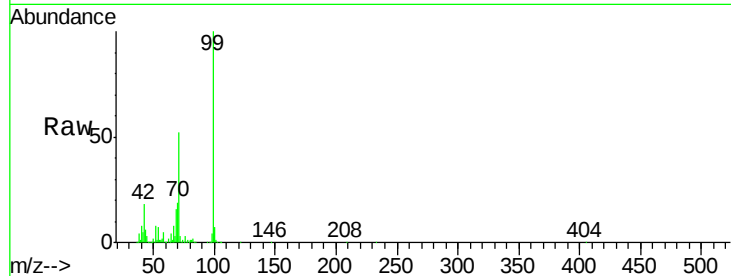
Tgt Ion: 99 Resp: 270631

Ion Ratio Lower Upper

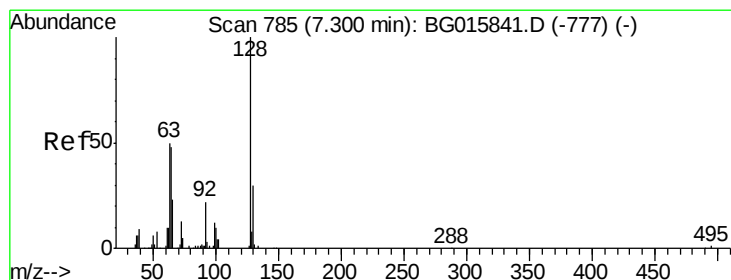
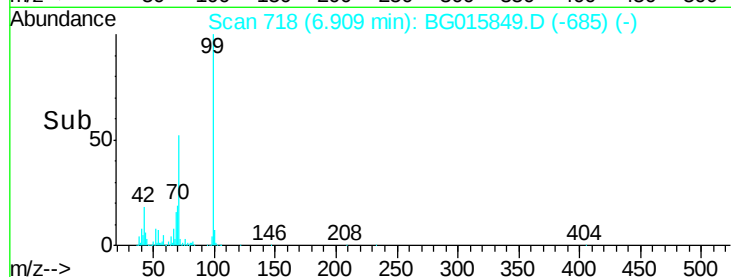
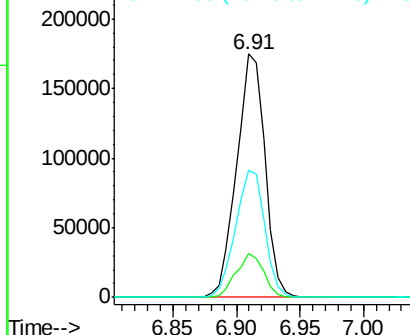
99 100

42 17.8 13.8 20.8

71 52.0 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: 3.46 ng

RT: 7.29 min Scan# 783

Delta R.T. -0.00 min

Lab File: BG015849.D

Acq: 5 Jan 2015 19:01

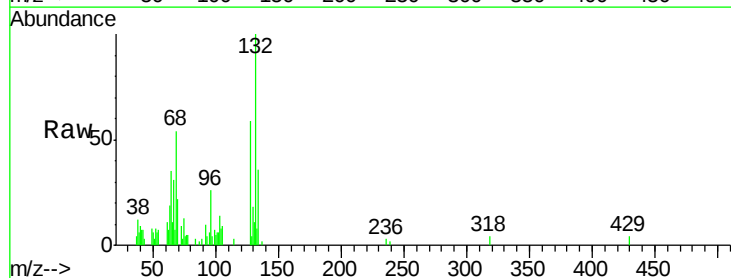
Tgt Ion: 128 Resp: 6086

Ion Ratio Lower Upper

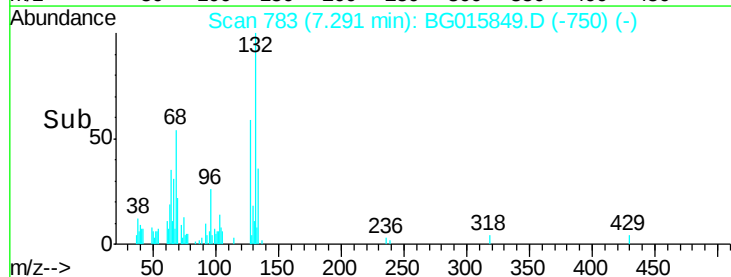
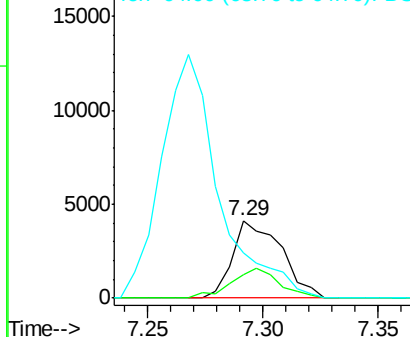
128 100

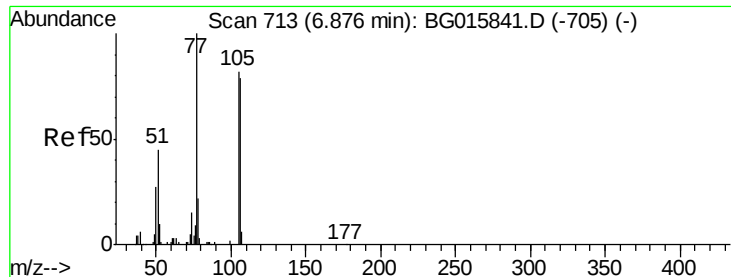
130 30.4 10.6 50.6

64 58.8 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: 4.90 ng

RT: 6.87 min Scan# 712

Delta R.T. -0.00 min

Lab File: BG015849.D

Acq: 5 Jan 2015 19:01

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

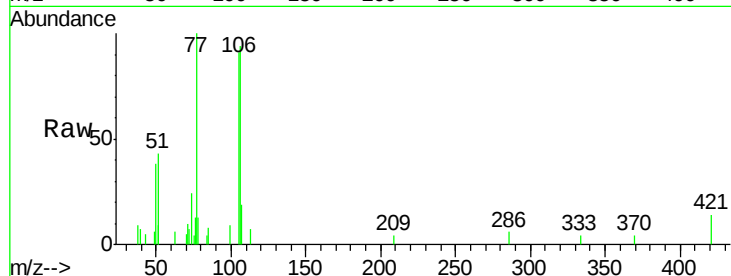
Tgt Ion: 77 Resp: 7846

Ion Ratio Lower Upper

77 100

105 91.4 62.4 102.4

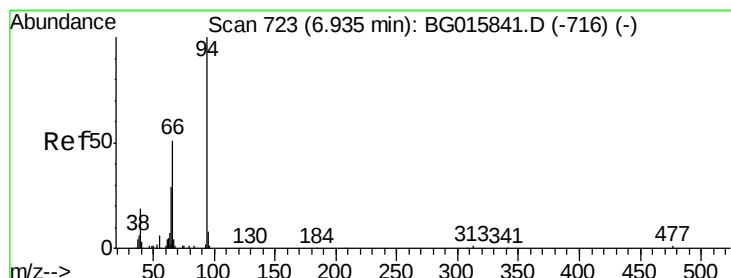
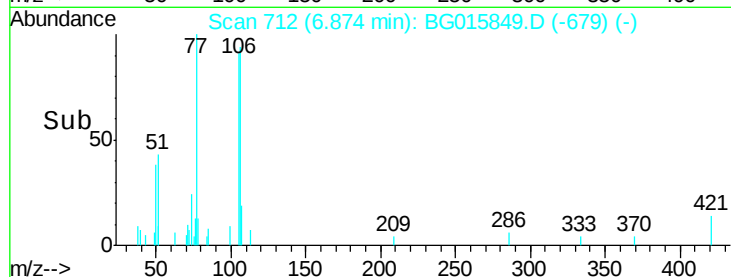
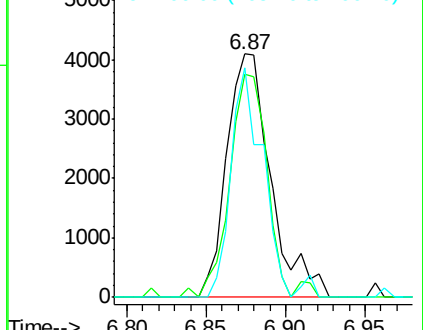
106 94.3 59.5 99.5



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: 3.35 ng

RT: 6.93 min Scan# 722

Delta R.T. -0.00 min

Lab File: BG015849.D

Acq: 5 Jan 2015 19:01

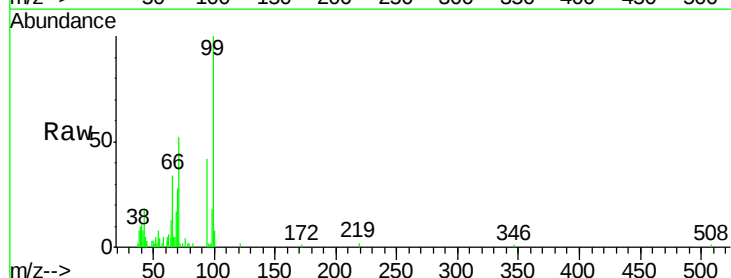
Tgt Ion: 94 Resp: 8655

Ion Ratio Lower Upper

94 100

65 32.2 9.7 49.7

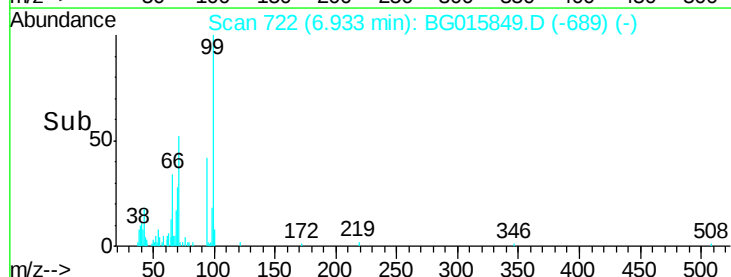
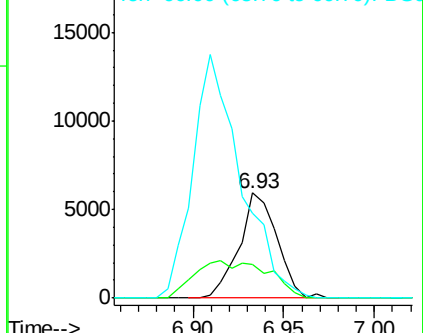
66 81.3 33.8 73.8#

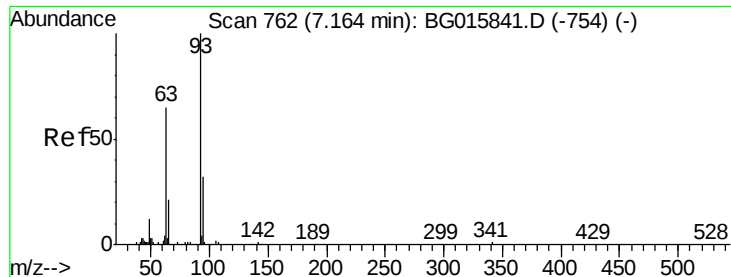


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

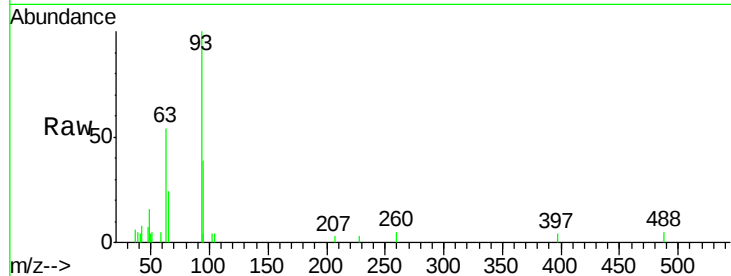




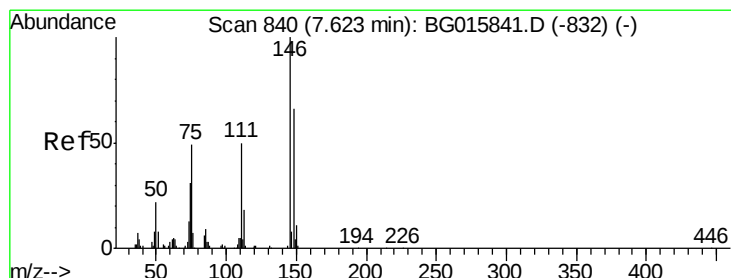
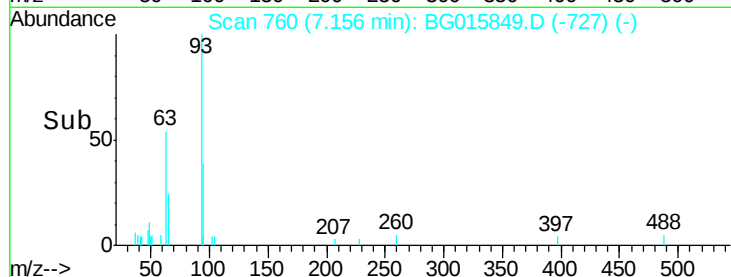
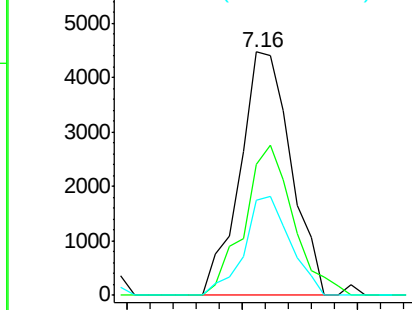
#11
bis(2-Chloroethyl)ether
Concen: 3.60 ng
RT: 7.16 min Scan# 760
Delta R.T. -0.00 min
Lab File: BG015849.D
Acq: 5 Jan 2015 19:01

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion: 93 Resp: 6864
Ion Ratio Lower Upper
93 100
63 53.8 45.1 85.1
95 39.0 12.1 52.1

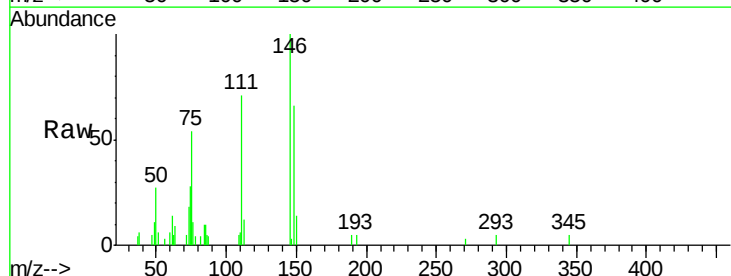


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

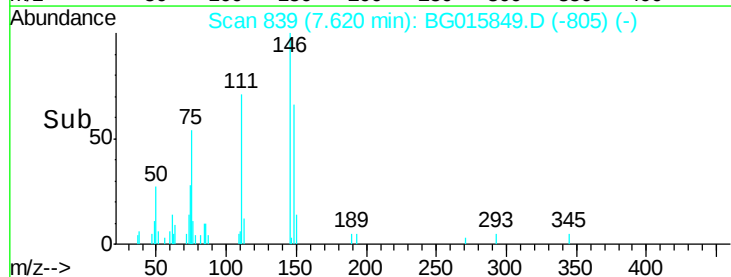
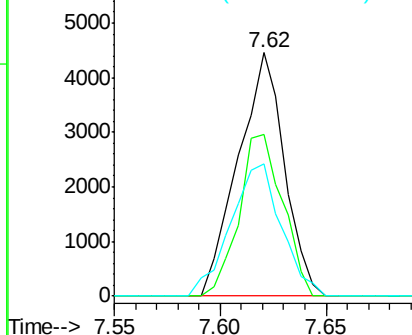


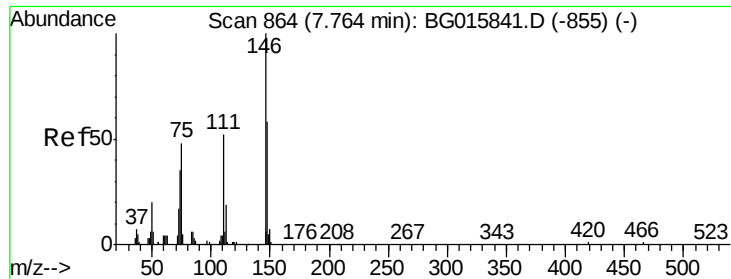
#12
1,3-Dichlorobenzene
Concen: 3.21 ng
RT: 7.62 min Scan# 839
Delta R.T. 0.00 min
Lab File: BG015849.D
Acq: 5 Jan 2015 19:01

Tgt Ion: 146 Resp: 6774
Ion Ratio Lower Upper
146 100
148 66.4 52.5 78.7
75 54.4 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

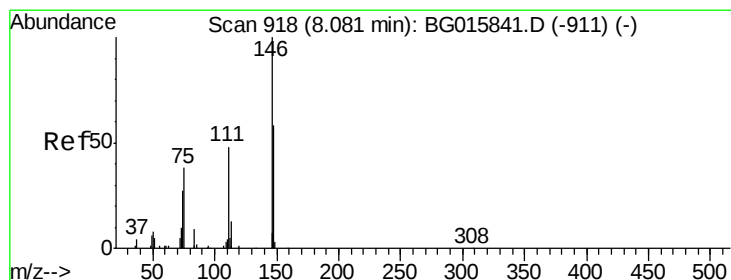
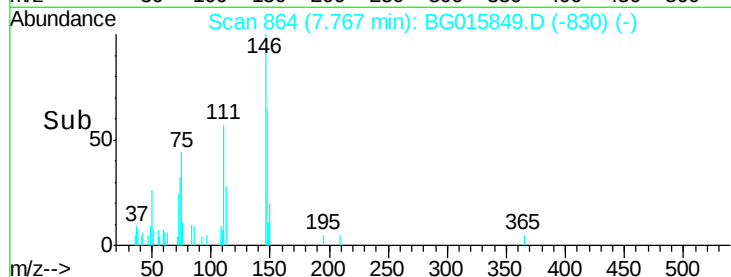
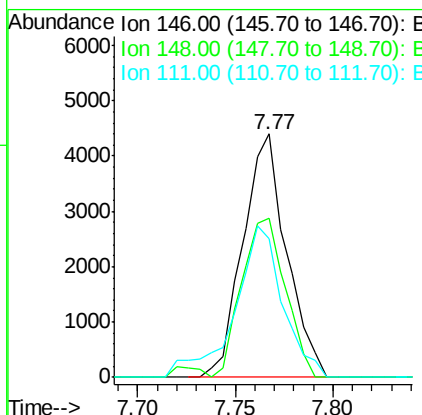
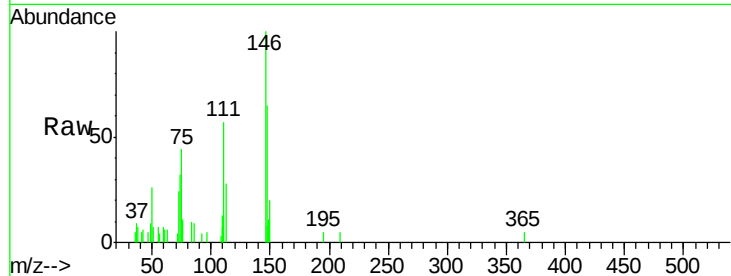




#13
 1,4-Dichlorobenzene
 Concen: 3.16 ng
 RT: 7.77 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: BG015849.D
 Acq: 5 Jan 2015 19:01

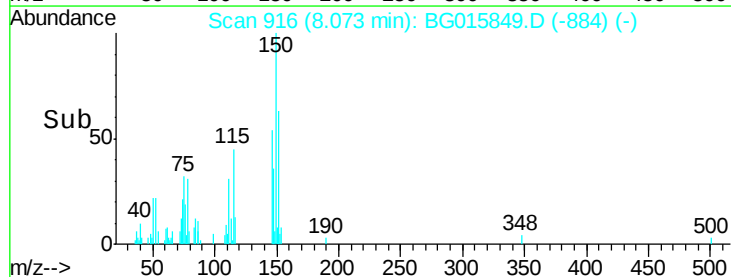
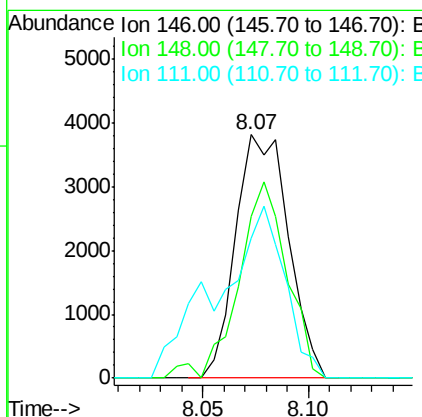
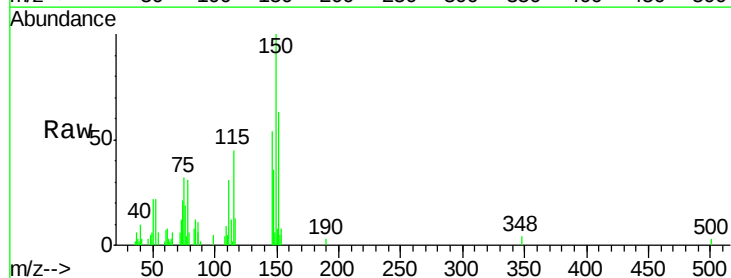
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

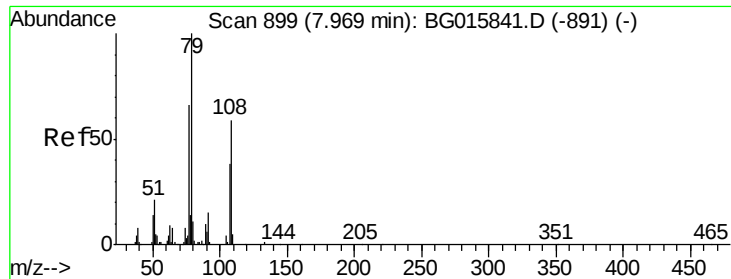
Tgt Ion:146 Resp: 6798
 Ion Ratio Lower Upper
 146 100
 148 76.6 46.5 69.7#
 111 57.2 41.8 62.6



#14
 1,2-Dichlorobenzene
 Concen: 3.23 ng
 RT: 8.07 min Scan# 916
 Delta R.T. -0.01 min
 Lab File: BG015849.D
 Acq: 5 Jan 2015 19:01

Tgt Ion:146 Resp: 6602
 Ion Ratio Lower Upper
 146 100
 148 66.2 46.7 70.1
 111 57.5 39.6 59.4





#15

Benzyl Alcohol

Concen: 3.31 ng

RT: 7.97 min Scan# 899

Delta R.T. 0.00 min

Lab File: BG015849.D

Acq: 5 Jan 2015 19:01

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

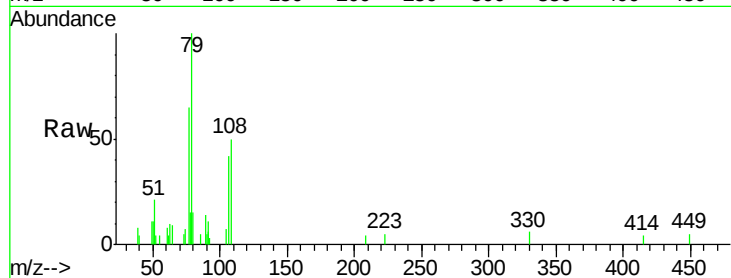
Tgt Ion: 79 Resp: 7675

Ion Ratio Lower Upper

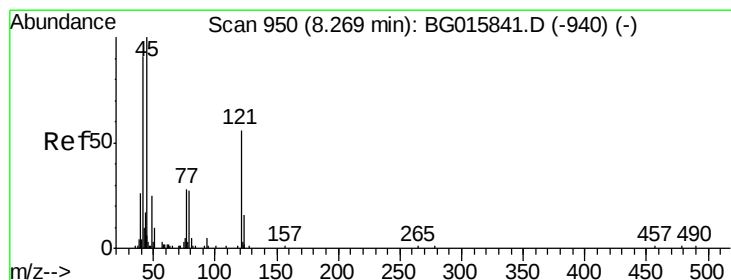
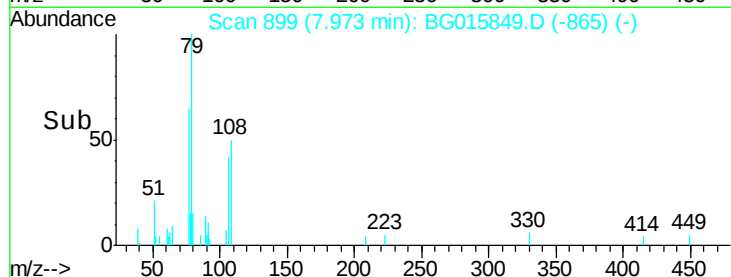
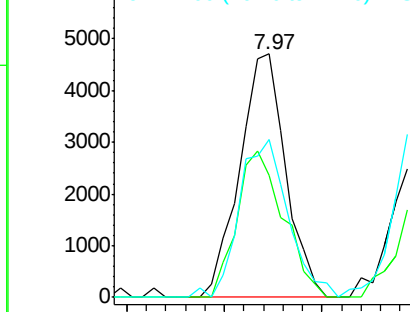
79 100

108 50.1 47.0 70.4

77 64.7 53.1 79.7



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 3.86 ng

RT: 8.27 min Scan# 949

Delta R.T. -0.00 min

Lab File: BG015849.D

Acq: 5 Jan 2015 19:01

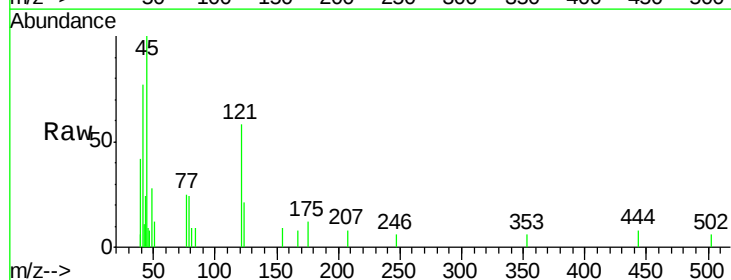
Tgt Ion: 45 Resp: 4702

Ion Ratio Lower Upper

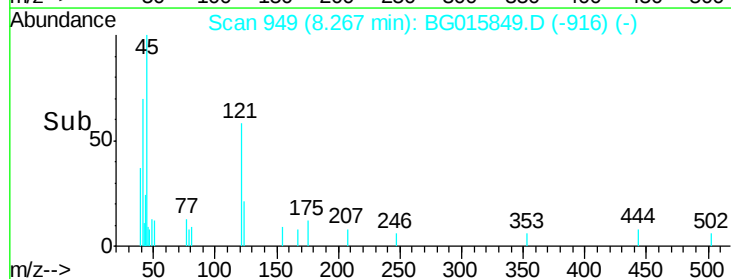
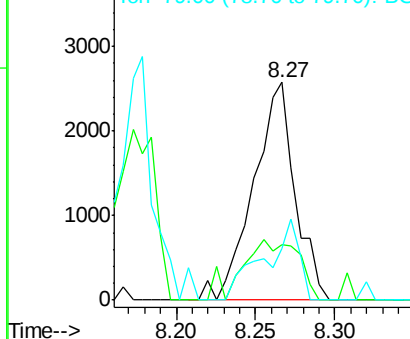
45 100

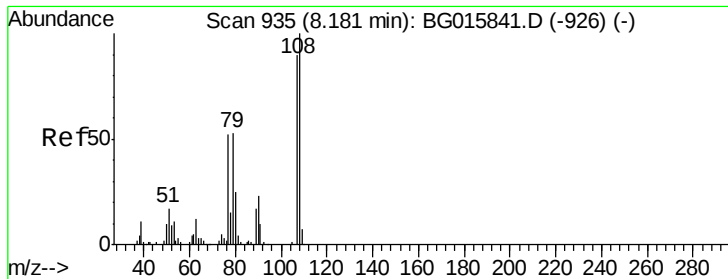
77 25.4 9.7 49.7

79 23.8 7.8 47.8



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

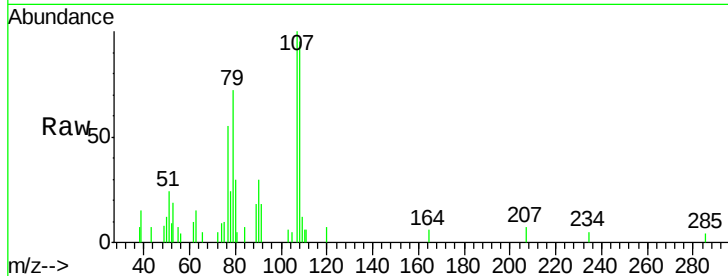




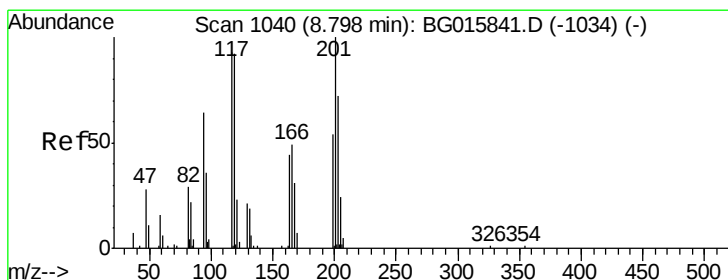
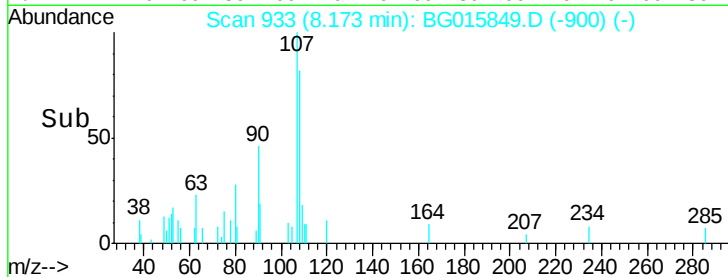
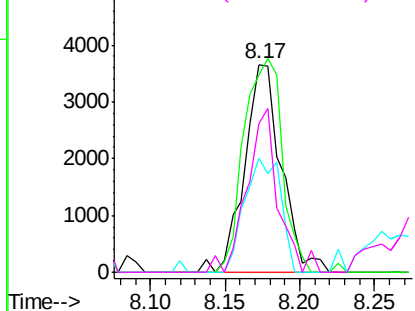
#17
2-Methylphenol
Concen: 3.54 ng
RT: 8.17 min Scan# 933
Delta R.T. -0.00 min
Lab File: BG015849.D
Acq: 5 Jan 2015 19:01

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:107 Resp: 6242
Ion Ratio Lower Upper
107 100
108 95.2 88.9 133.3
77 55.1 46.6 69.8
79 71.8 47.6 71.4#

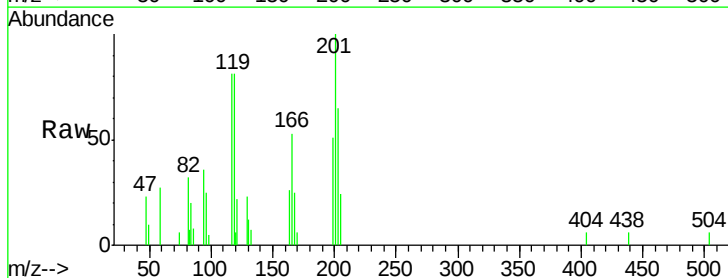


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

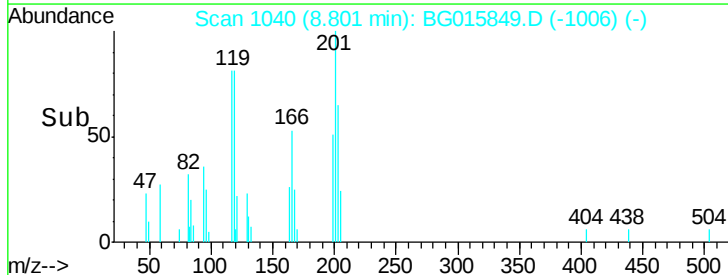
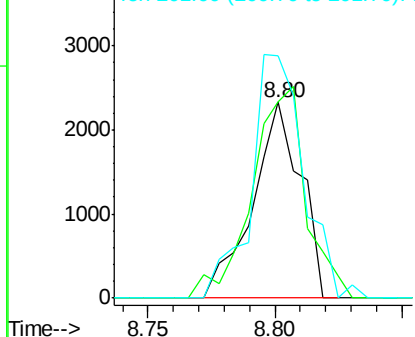


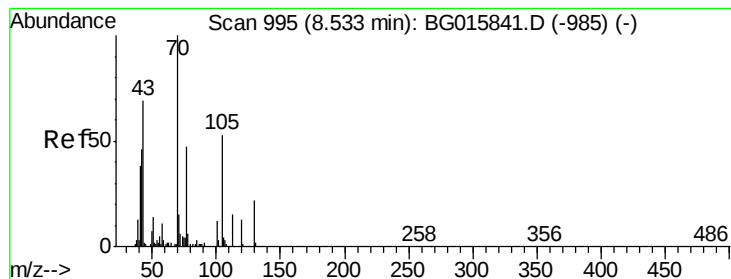
#18
Hexachloroethane
Concen: 3.10 ng
RT: 8.80 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BG015849.D
Acq: 5 Jan 2015 19:01

Tgt Ion:117 Resp: 3075
Ion Ratio Lower Upper
117 100
119 100.2 79.5 119.3
201 123.8 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: 3.37 ng

RT: 8.53 min Scan# 993

Delta R.T. -0.01 min

Lab File: BG015849.D

Acq: 5 Jan 2015 19:01

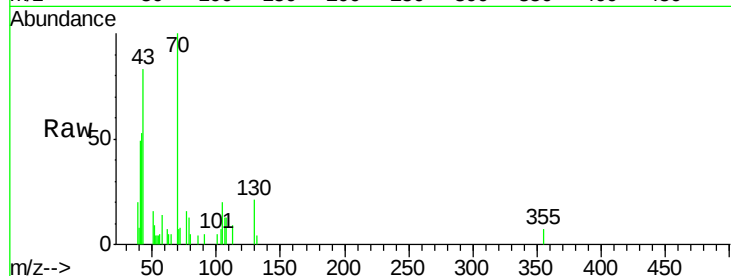
Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

Tgt Ion:	70	Resp:	6252
Ion	Ratio	Lower	Upper
70	100		
42	53.1	36.6	54.8
101	5.2	9.4	14.2#
130	21.1	17.4	26.2



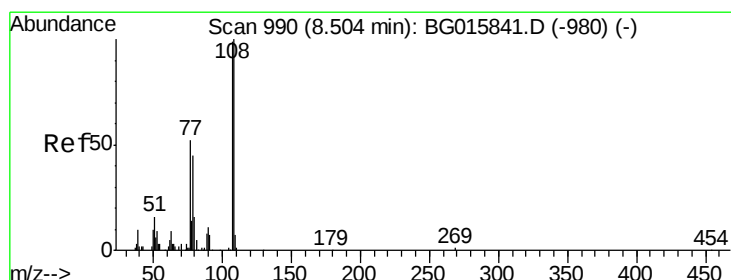
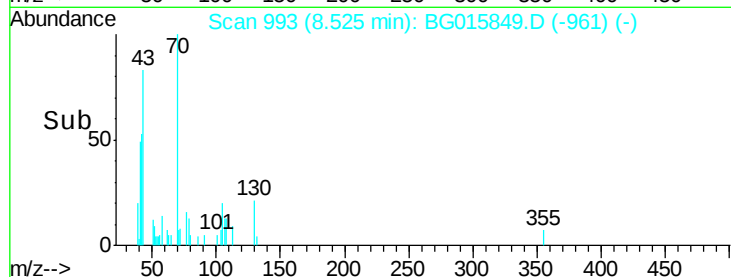
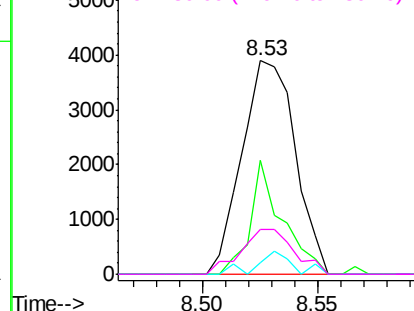
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 3.50 ng

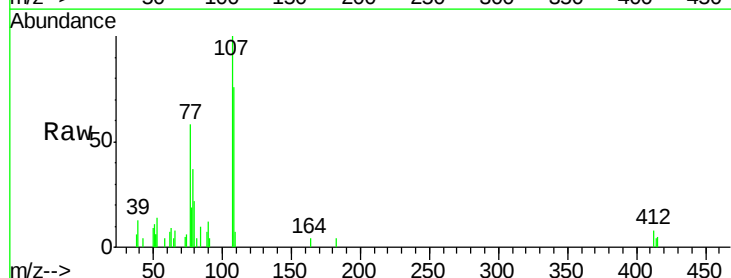
RT: 8.50 min Scan# 989

Delta R.T. -0.00 min

Lab File: BG015849.D

Acq: 5 Jan 2015 19:01

Tgt Ion:	107	Resp:	8240
Ion	Ratio	Lower	Upper
107	100		
108	76.5	80.9	120.9#
77	57.5	32.1	72.1
79	36.9	24.9	64.9



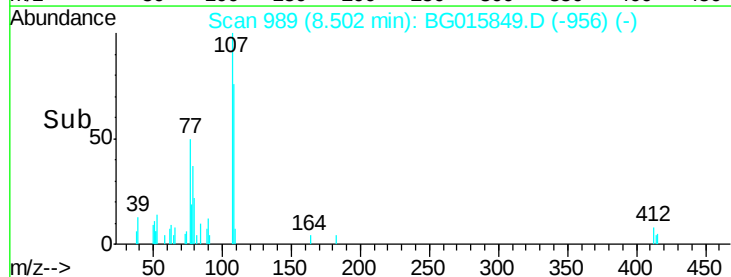
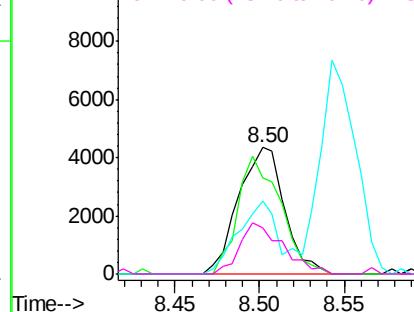
Abundance

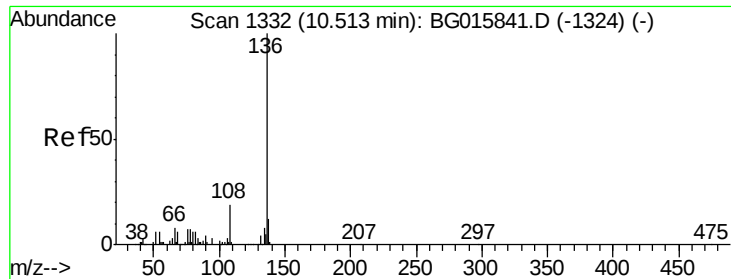
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

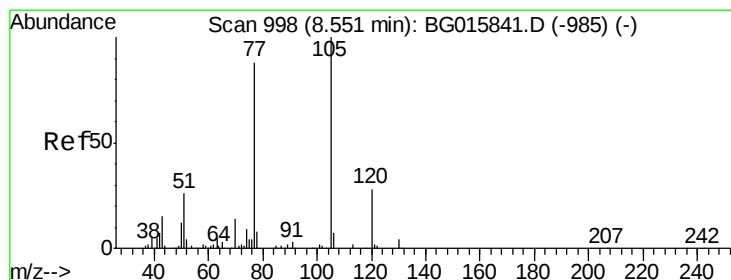
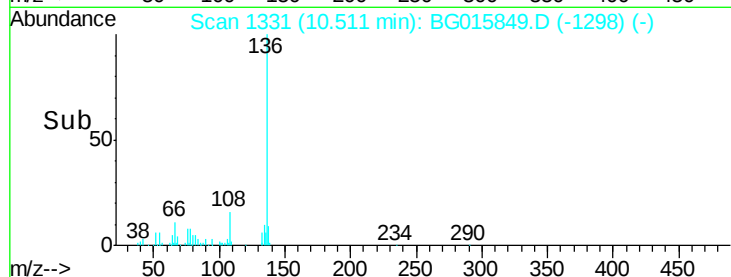
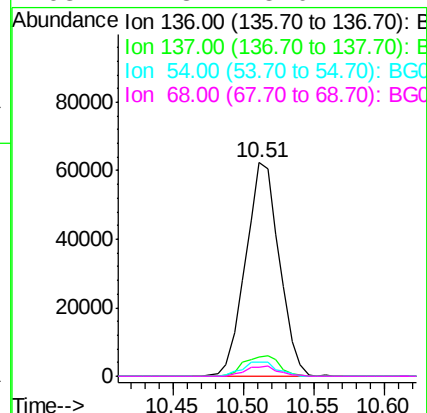
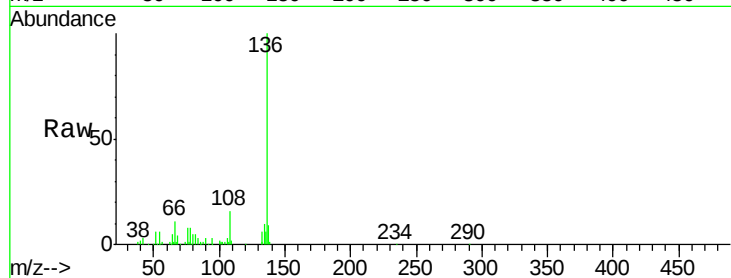




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.51 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BG015849.D
Acq: 5 Jan 2015 19:01

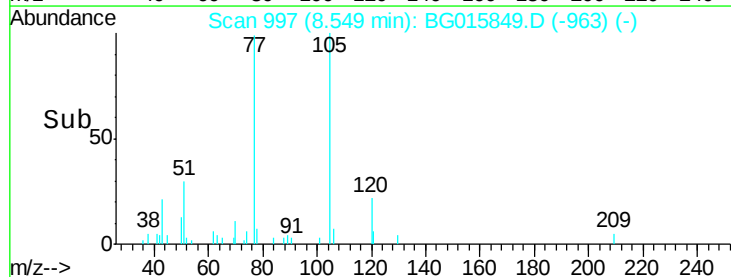
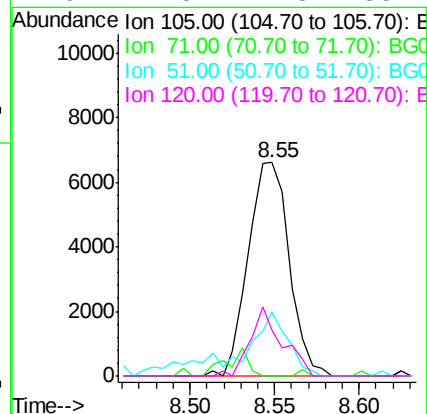
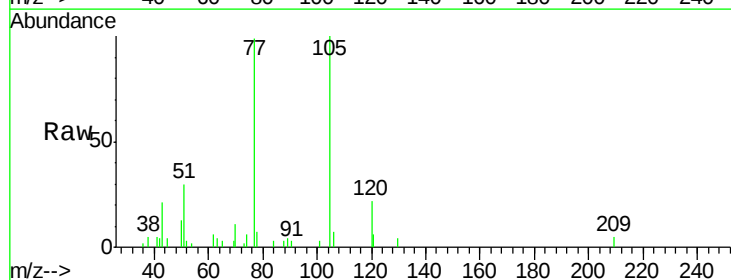
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

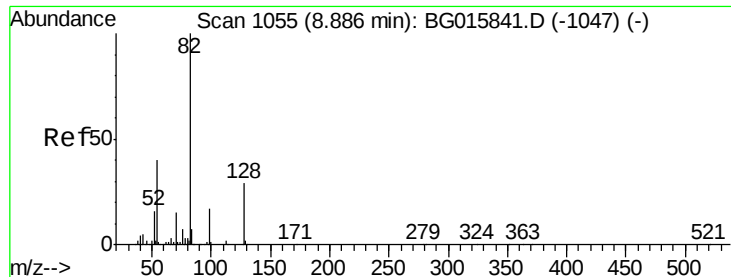
Tgt Ion:	136	Resp:	104413
Ion	Ratio	Lower	Upper
136	100		
137	9.2	9.6	14.4#
54	6.5	4.5	6.7
68	4.3	5.0	7.4#



#22
Acetophenone
Concen: 3.64 ng
RT: 8.55 min Scan# 997
Delta R.T. 0.00 min
Lab File: BG015849.D
Acq: 5 Jan 2015 19:01

Tgt Ion:	105	Resp:	11134
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.9	1.3#
51	29.9	21.4	32.2
120	21.8	22.5	33.7#

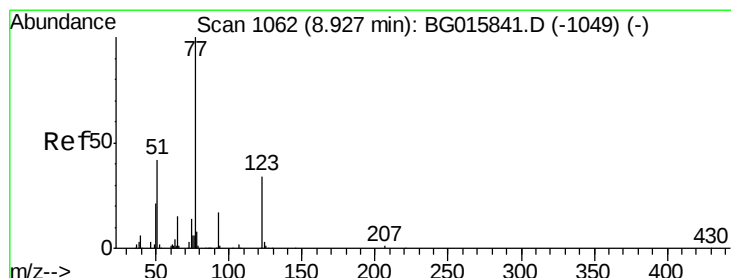
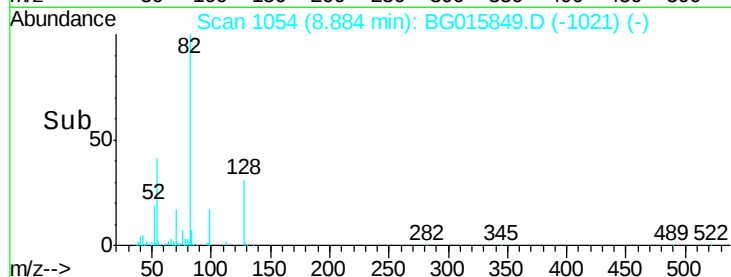
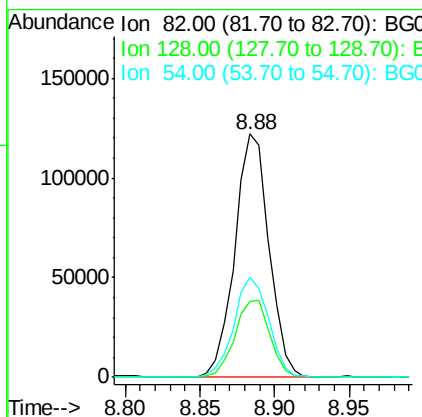
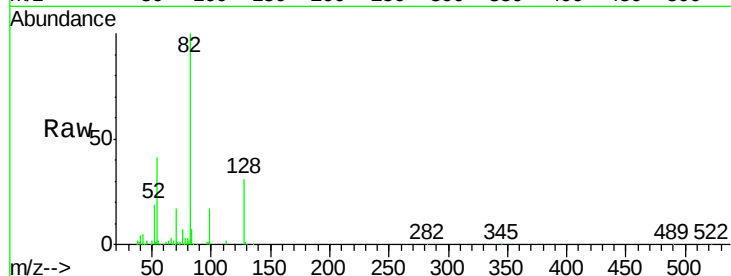




#23
 Nitrobenzene-d5
 Concen: 36.58 ng
 RT: 8.88 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: BG015849.D
 Acq: 5 Jan 2015 19:01

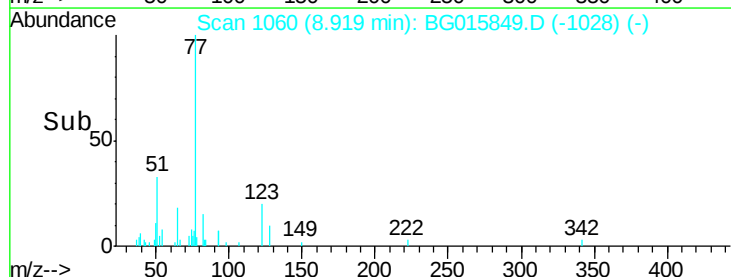
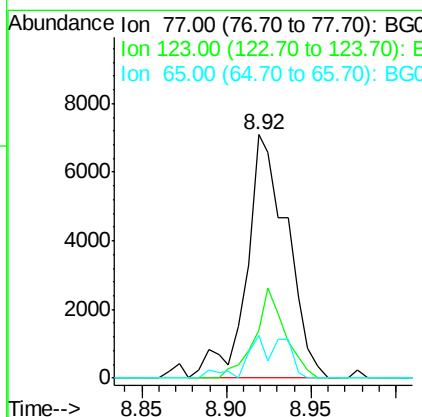
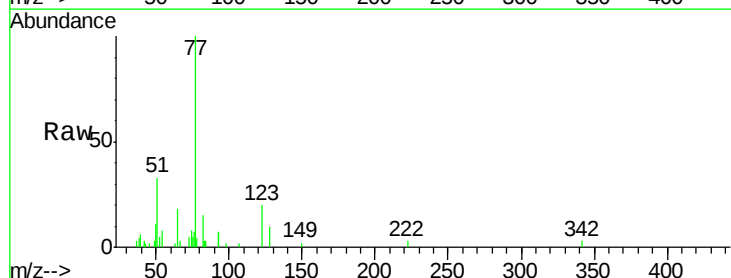
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

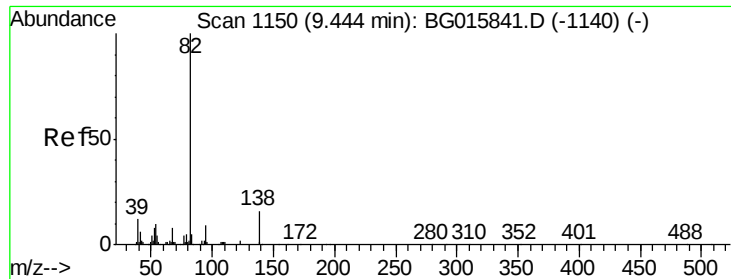
Tgt Ion: 82 Resp: 194674
 Ion Ratio Lower Upper
 82 100
 128 31.2 23.4 35.0
 54 41.2 32.3 48.5



#24
 Nitrobenzene
 Concen: 4.41 ng
 RT: 8.92 min Scan# 1060
 Delta R.T. -0.01 min
 Lab File: BG015849.D
 Acq: 5 Jan 2015 19:01

Tgt Ion: 77 Resp: 11819
 Ion Ratio Lower Upper
 77 100
 123 19.8 27.0 40.4#
 65 17.7 12.0 18.0





#25

Isophorone

Concen: 3.44 ng

RT: 9.44 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BG015849.D

Acq: 5 Jan 2015 19:01

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

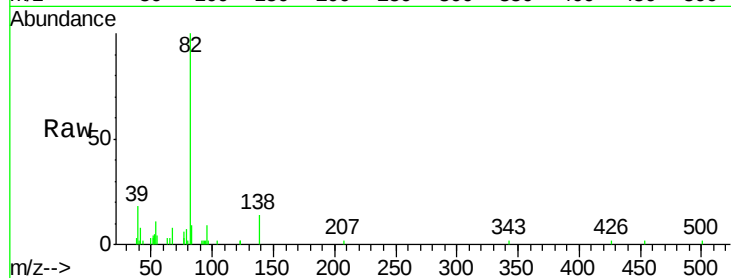
Tgt Ion: 82 Resp: 16212

Ion Ratio Lower Upper

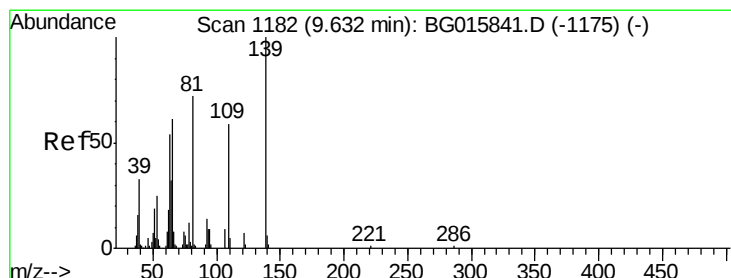
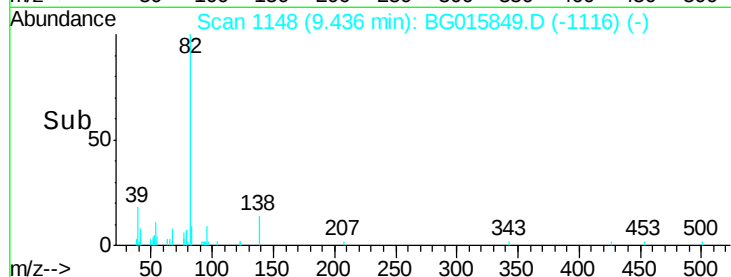
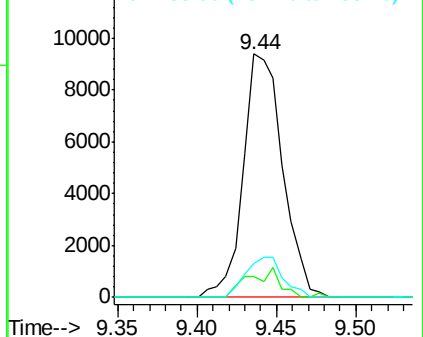
82 100

95 8.7 7.5 11.3

138 13.6 12.6 18.8



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 3.36 ng

RT: 9.63 min Scan# 1181

Delta R.T. -0.00 min

Lab File: BG015849.D

Acq: 5 Jan 2015 19:01

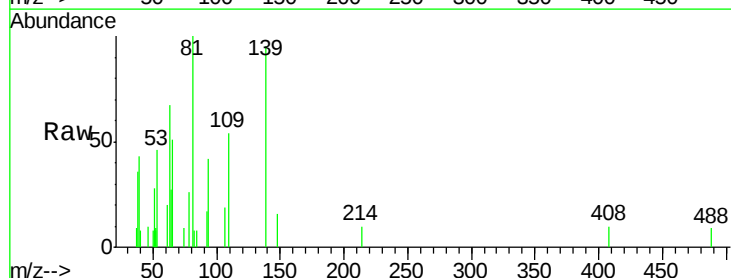
Tgt Ion: 139 Resp: 3452

Ion Ratio Lower Upper

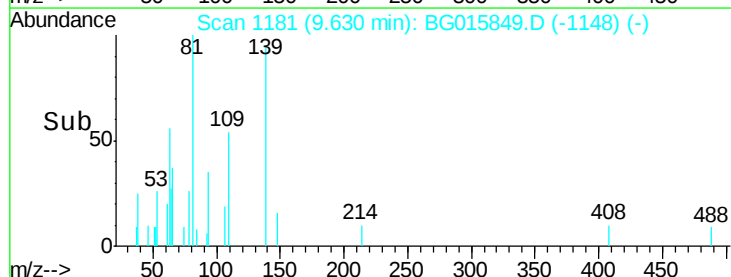
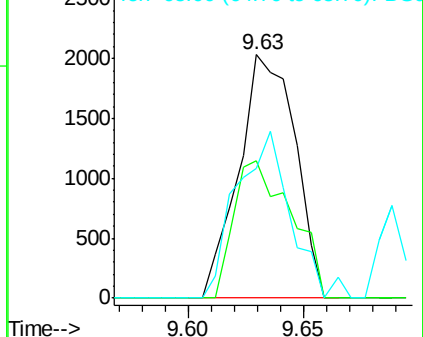
139 100

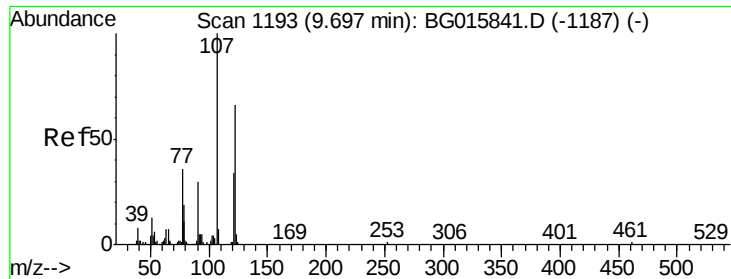
109 56.5 47.0 70.4

65 53.3 48.5 72.7



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#27

2,4-Dimethylphenol

Concen: 3.65 ng

RT: 9.69 min Scan# 1192

Delta R.T. -0.00 min

Lab File: BG015849.D

Acq: 5 Jan 2015 19:01

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

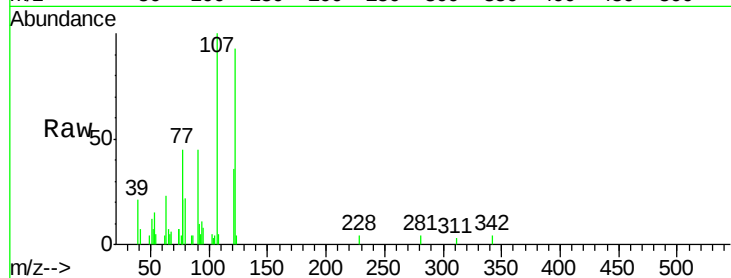
Tgt Ion:122 Resp: 6264

Ion Ratio Lower Upper

122 100

107 107.0 120.8 181.2#

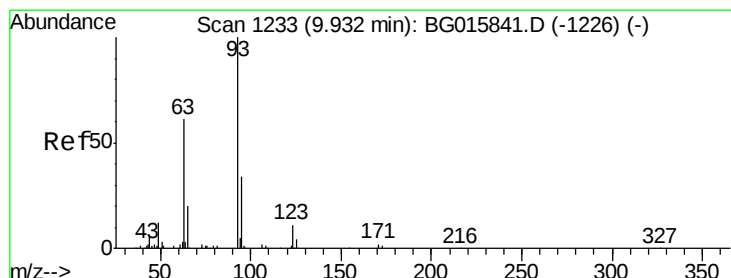
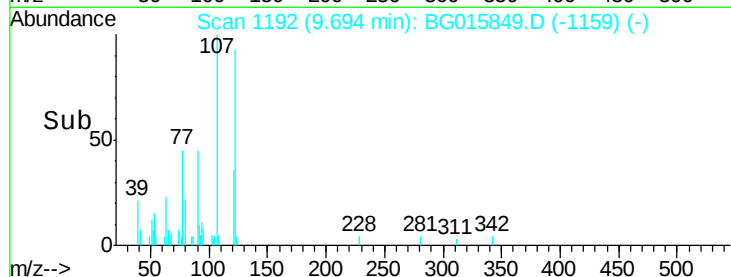
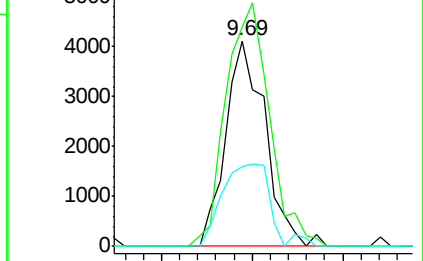
121 39.0 41.2 61.8#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 3.89 ng

RT: 9.93 min Scan# 1232

Delta R.T. -0.00 min

Lab File: BG015849.D

Acq: 5 Jan 2015 19:01

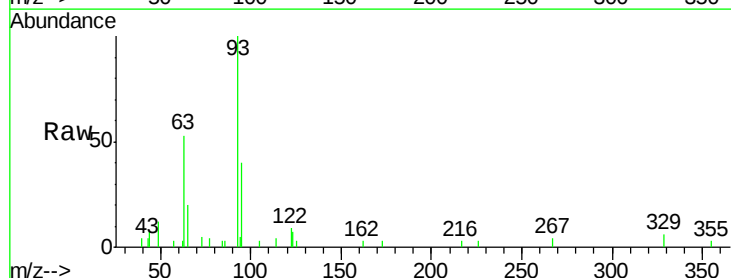
Tgt Ion: 93 Resp: 9058

Ion Ratio Lower Upper

93 100

95 39.8 27.5 41.3

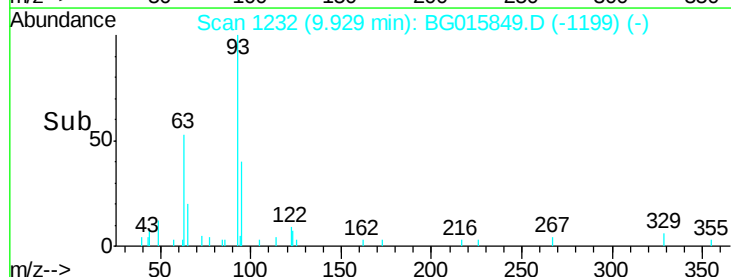
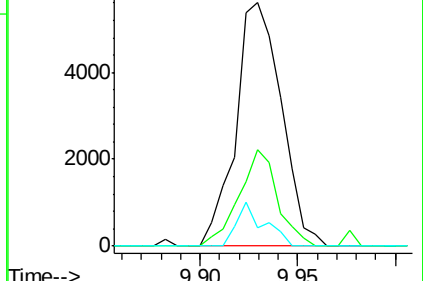
123 7.4 9.1 13.7#

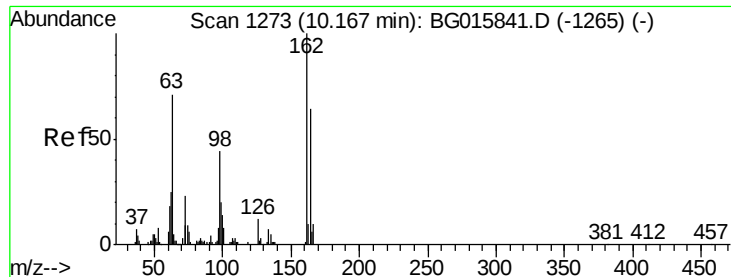


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

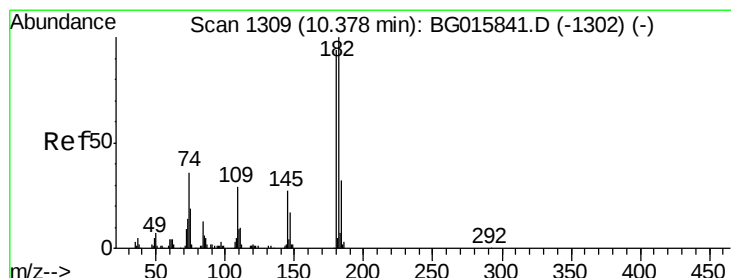
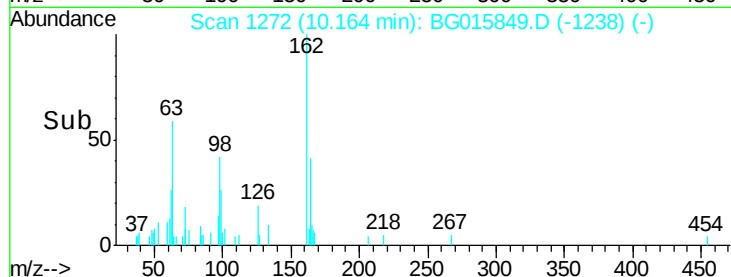
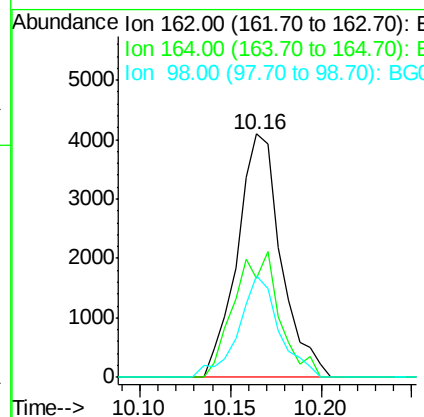
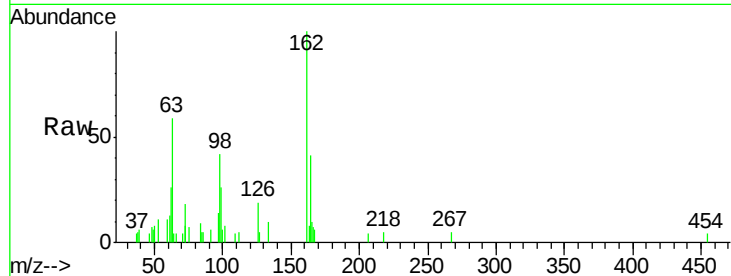




#29
 2,4-Dichlorophenol
 Concen: 3.97 ng
 RT: 10.16 min Scan# 1272
 Delta R.T. 0.00 min
 Lab File: BG015849.D
 Acq: 5 Jan 2015 19:01

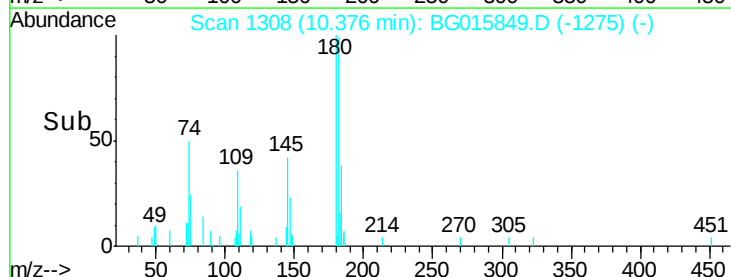
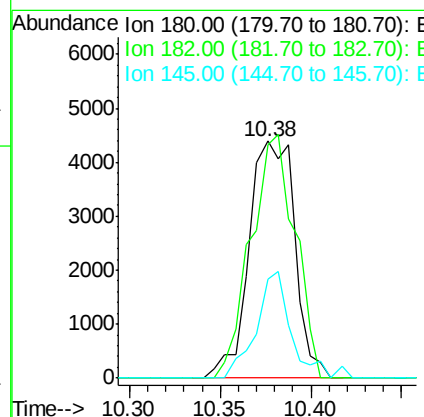
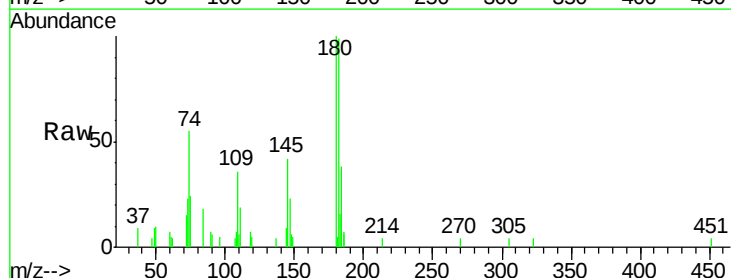
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

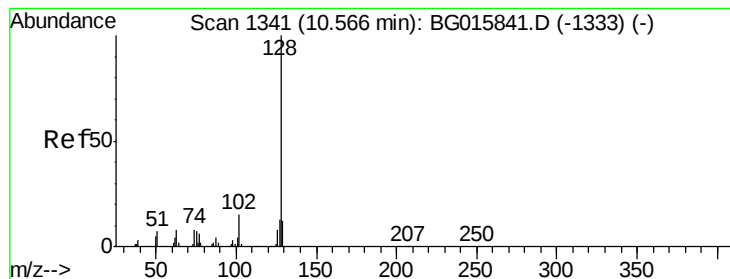
Tgt Ion:162 Resp: 6889
 Ion Ratio Lower Upper
 162 100
 164 40.8 44.0 84.0#
 98 41.7 24.2 64.2



#30
 1,2,4-Trichlorobenzene
 Concen: 3.38 ng
 RT: 10.38 min Scan# 1308
 Delta R.T. -0.00 min
 Lab File: BG015849.D
 Acq: 5 Jan 2015 19:01

Tgt Ion:180 Resp: 7688
 Ion Ratio Lower Upper
 180 100
 182 98.8 84.8 127.2
 145 41.8 22.8 34.2#





#31

Naphthalene

Concen: 3.58 ng

RT: 10.56 min Scan# 1340

Delta R.T. 0.00 min

Lab File: BG015849.D

Acq: 5 Jan 2015 19:01

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

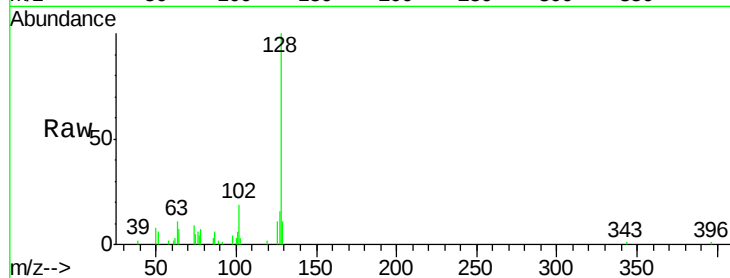
Tgt Ion:128 Resp: 19820

Ion Ratio Lower Upper

128 100

129 11.3 9.4 14.2

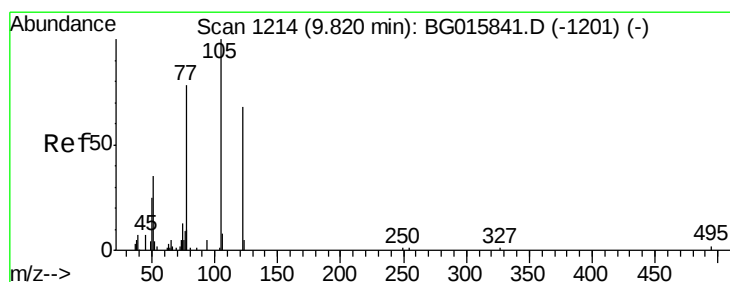
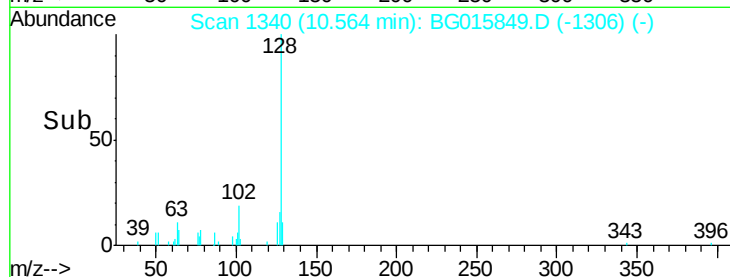
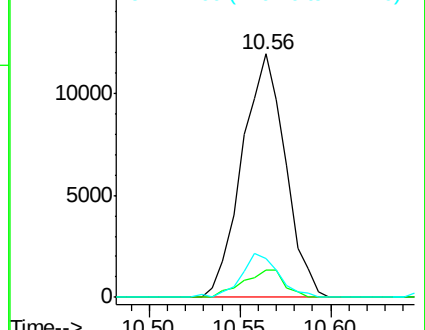
127 16.0 10.6 15.8#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 0.30 ng

RT: 9.93 min Scan# 1232

Delta R.T. 0.10 min

Lab File: BG015849.D

Acq: 5 Jan 2015 19:01

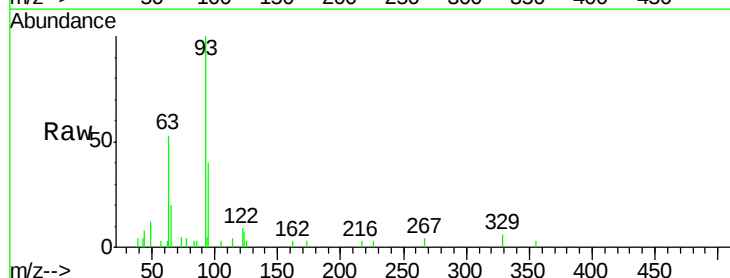
Tgt Ion:122 Resp: 239

Ion Ratio Lower Upper

122 100

105 30.3 123.7 163.7#

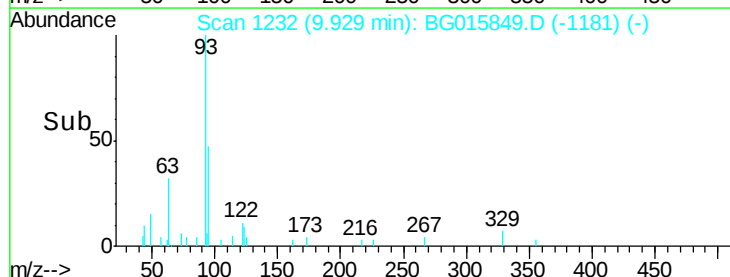
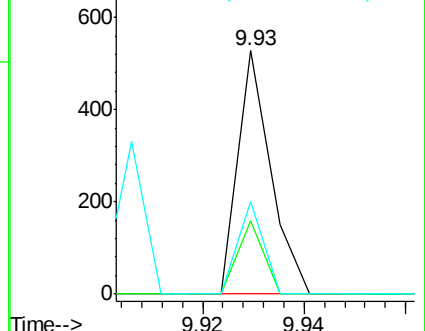
77 38.1 92.4 132.4#

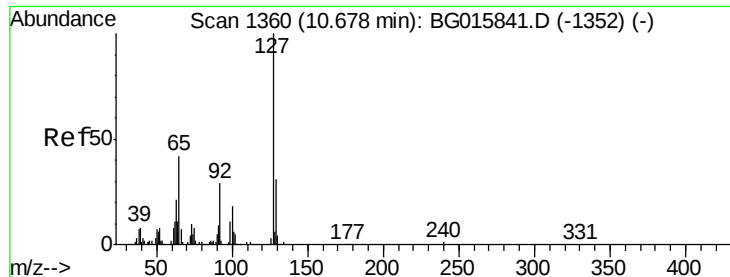


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGO

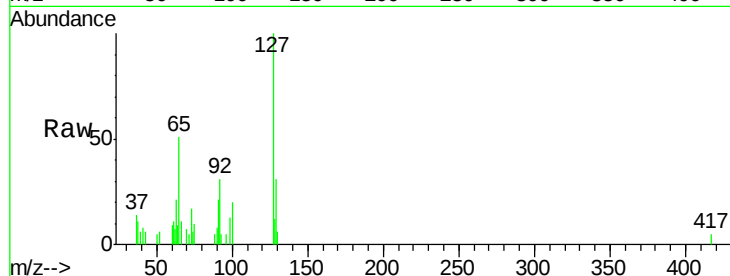




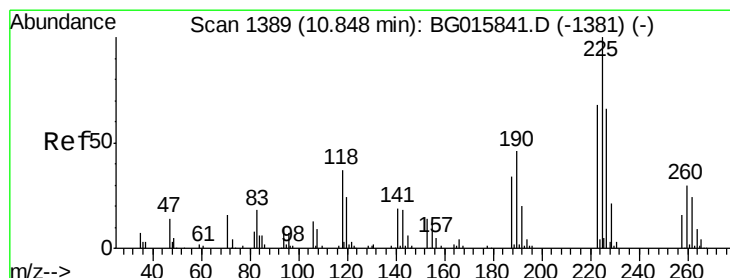
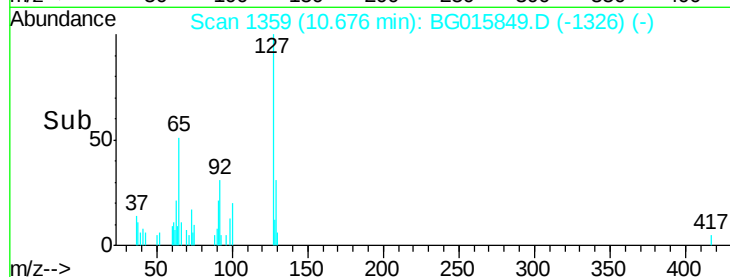
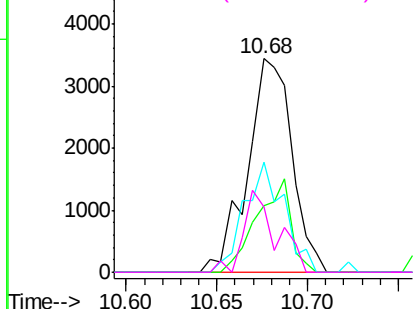
#33
 4-Chloroaniline
 Concen: 2.60 ng
 RT: 10.68 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: BG015849.D
 Acq: 5 Jan 2015 19:01

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

Tgt Ion:	127	Resp:	5860
Ion	Ratio	Lower	Upper
127	100		
129	31.4	25.0	37.6
65	51.3	33.3	49.9#
92	30.7	22.8	34.2

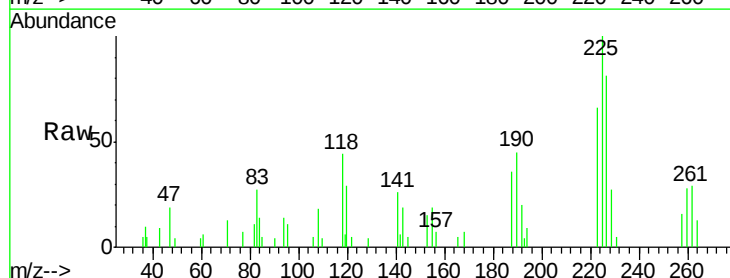


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BG
 Ion 92.00 (91.70 to 92.70): BG

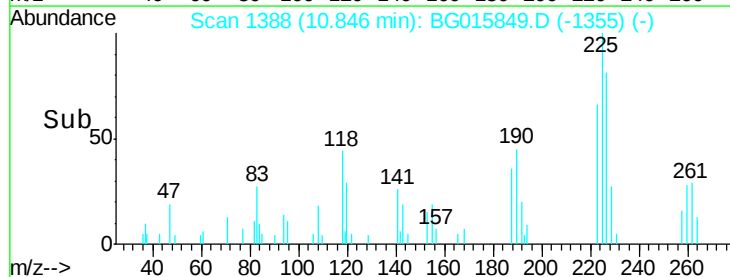
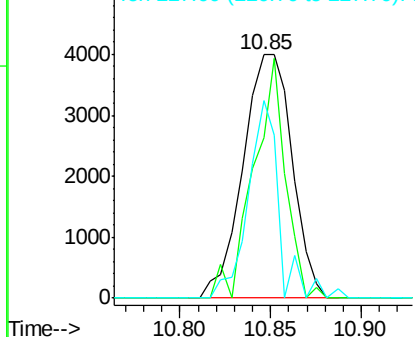


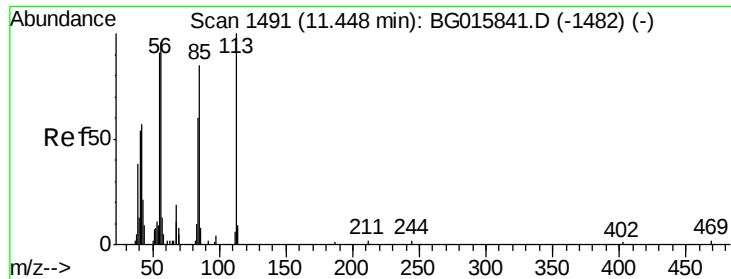
#34
 Hexachlorobutadiene
 Concen: 3.58 ng
 RT: 10.85 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: BG015849.D
 Acq: 5 Jan 2015 19:01

Tgt Ion:	225	Resp:	7577
Ion	Ratio	Lower	Upper
225	100		
223	66.0	54.6	81.8
227	81.0	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: 3.15 ng

RT: 11.42 min Scan# 1485

Delta R.T. -0.03 min

Lab File: BG015849.D

Acq: 5 Jan 2015 19:01

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

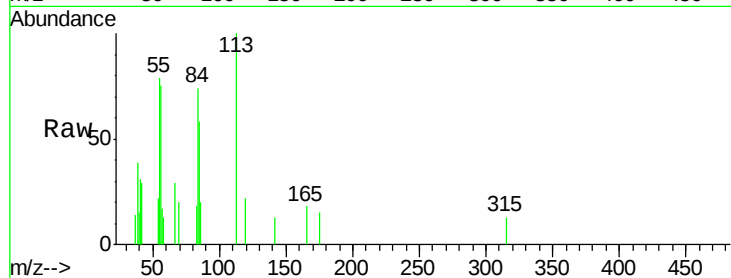
Tgt Ion:113 Resp: 2407

Ion Ratio Lower Upper

113 100

55 78.6 71.3 111.3

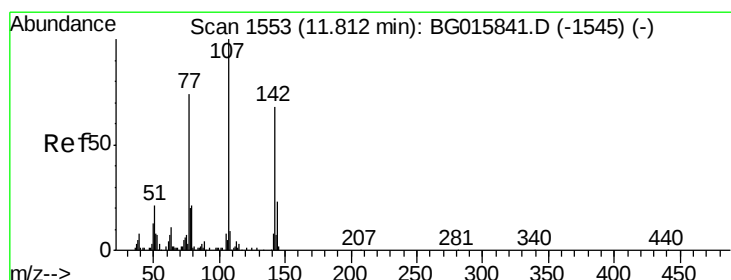
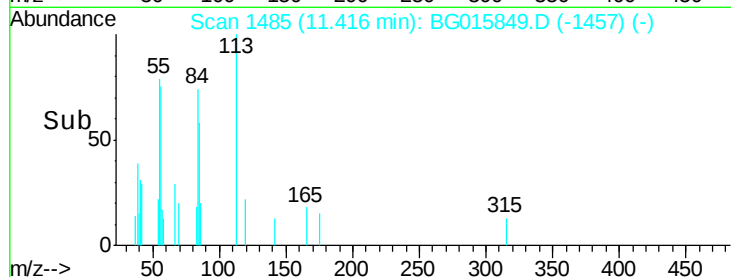
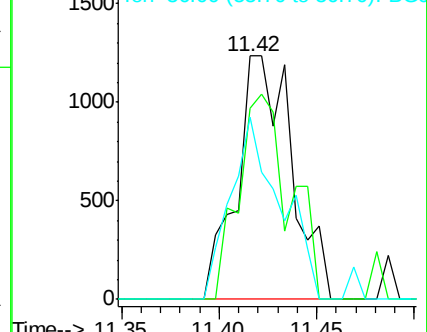
56 74.9 76.0 116.0#



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: 3.39 ng

RT: 11.80 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BG015849.D

Acq: 5 Jan 2015 19:01

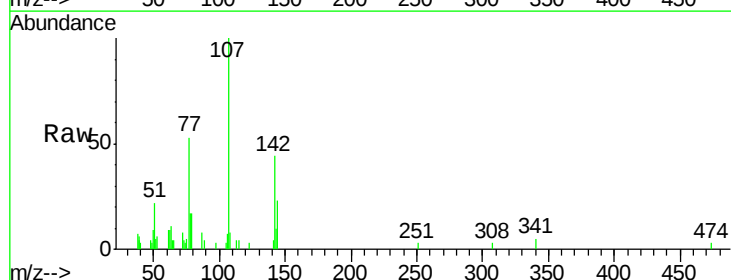
Tgt Ion:107 Resp: 7656

Ion Ratio Lower Upper

107 100

144 23.0 18.2 27.2

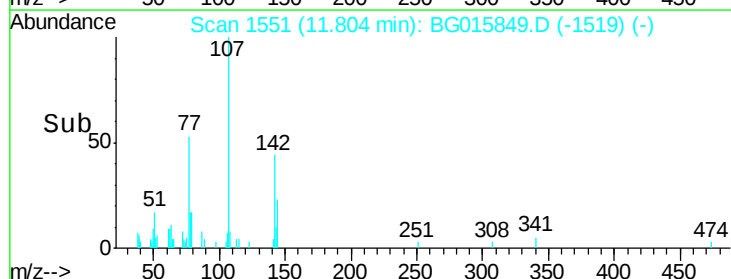
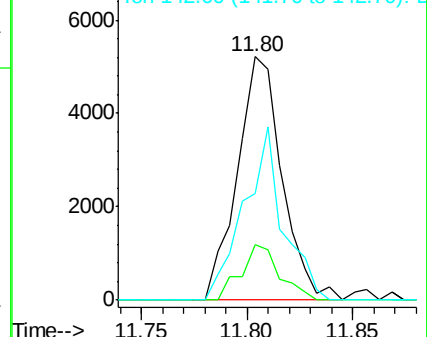
142 43.6 54.7 82.1#

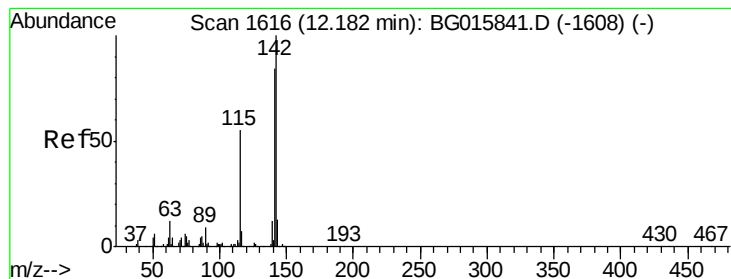


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 3.54 ng

RT: 12.17 min Scan# 1614

Delta R.T. -0.00 min

Lab File: BG015849.D

Acq: 5 Jan 2015 19:01

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

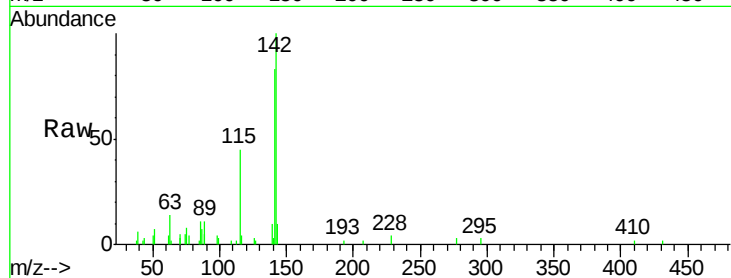
Tgt Ion:142 Resp: 14645

Ion Ratio Lower Upper

142 100

141 82.8 67.3 100.9

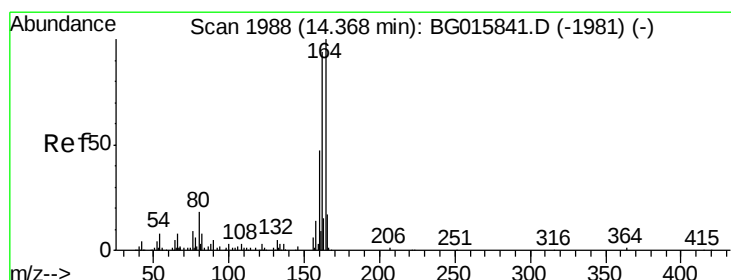
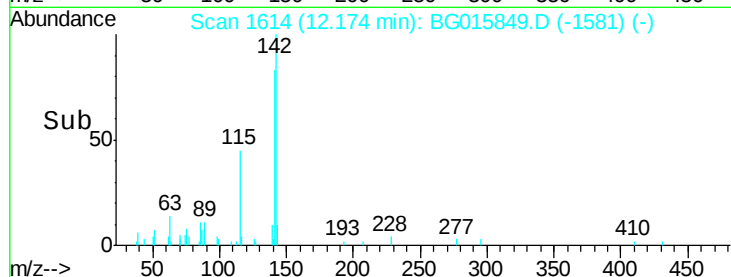
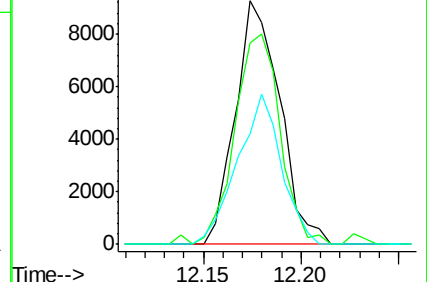
115 45.4 44.3 66.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.37 min Scan# 1987

Delta R.T. -0.00 min

Lab File: BG015849.D

Acq: 5 Jan 2015 19:01

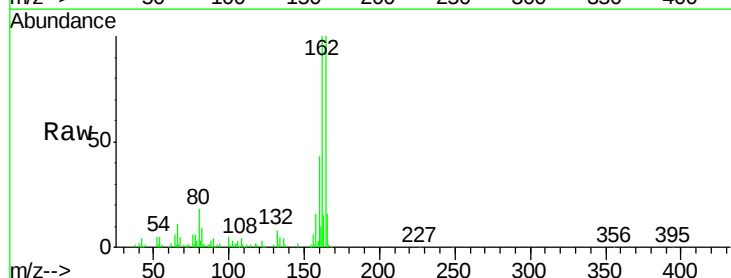
Tgt Ion:164 Resp: 76146

Ion Ratio Lower Upper

164 100

162 100.1 75.5 113.3

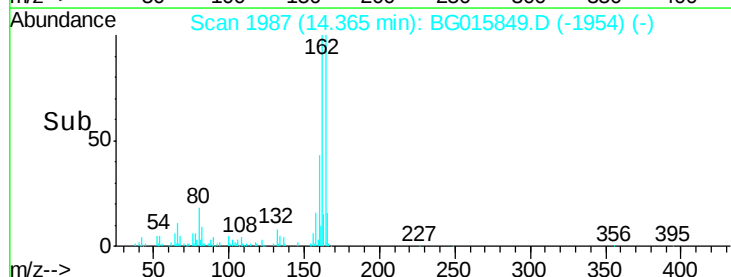
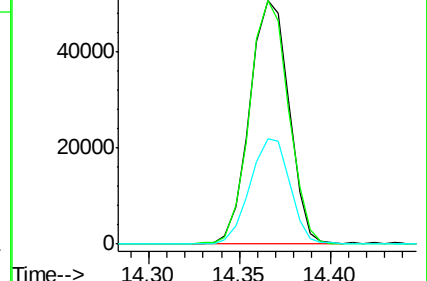
160 43.4 37.4 56.0

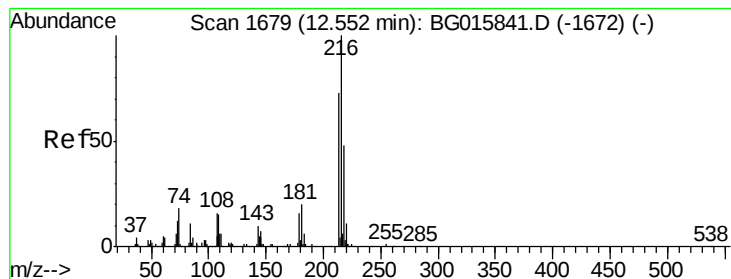


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 3.67 ng

RT: 12.55 min Scan# 1678

Delta R.T. -0.00 min

Lab File: BG015849.D

Acq: 5 Jan 2015 19:01

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

Tgt Ion:216 Resp: 10398

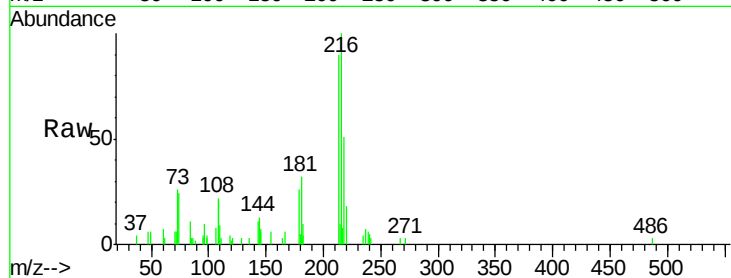
Ion Ratio Lower Upper

216 100

214 86.2 61.5 92.3

179 21.8 15.8 23.8

108 17.6 17.8 26.6#

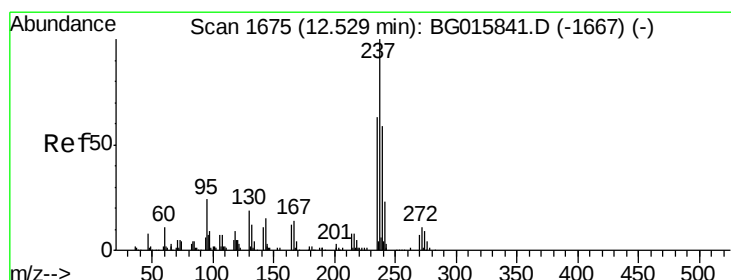
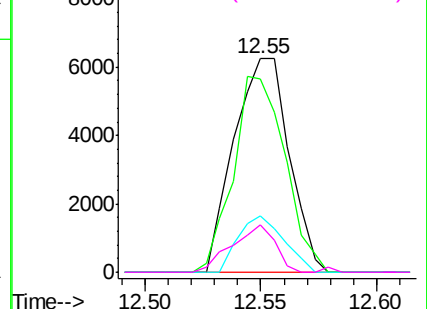
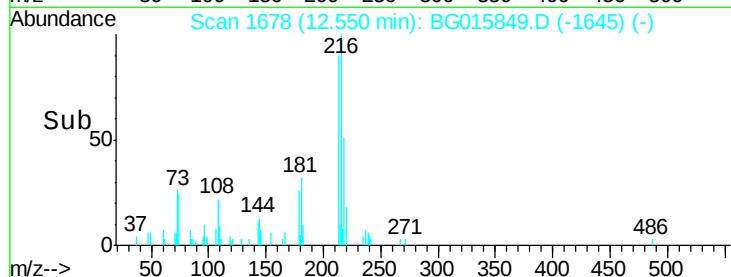


Abundance Ion 216.00 (215.70 to 216.70): E

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: 2.50 ng

RT: 12.53 min Scan# 1675

Delta R.T. 0.00 min

Lab File: BG015849.D

Acq: 5 Jan 2015 19:01

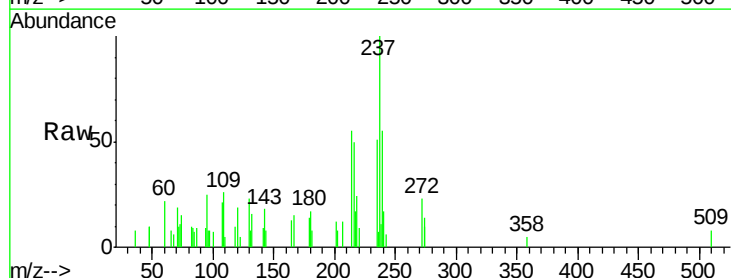
Tgt Ion:237 Resp: 4719

Ion Ratio Lower Upper

237 100

235 46.5 43.2 83.2

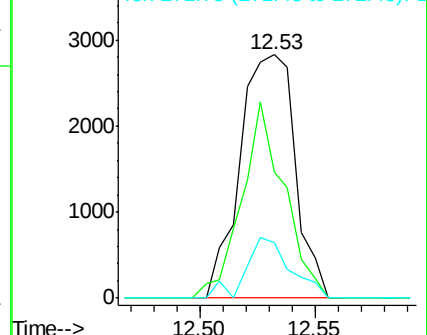
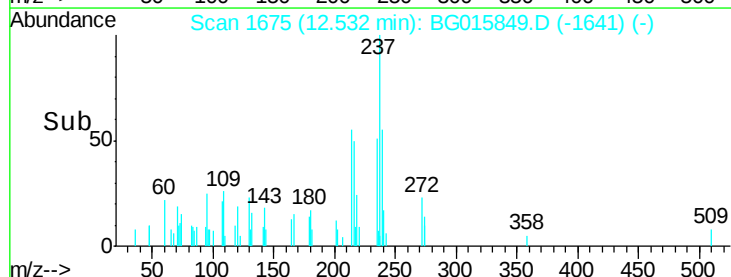
272 20.4 0.0 31.1

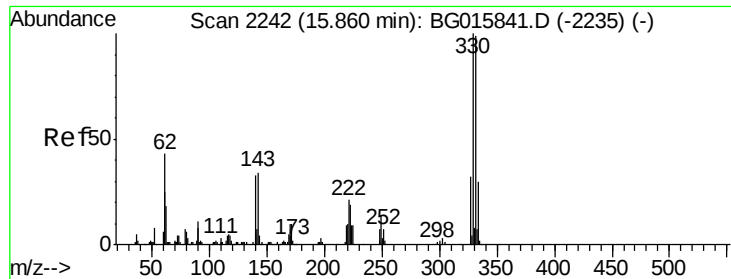


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

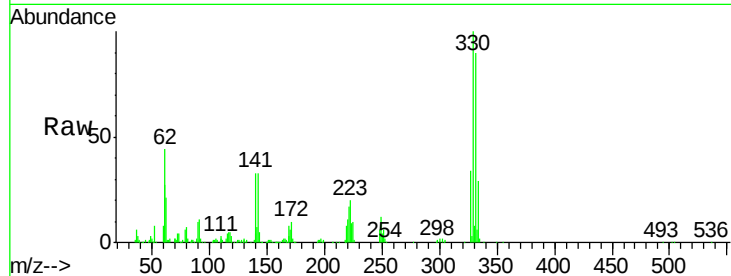




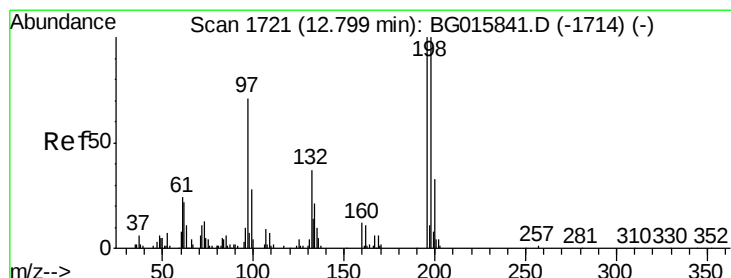
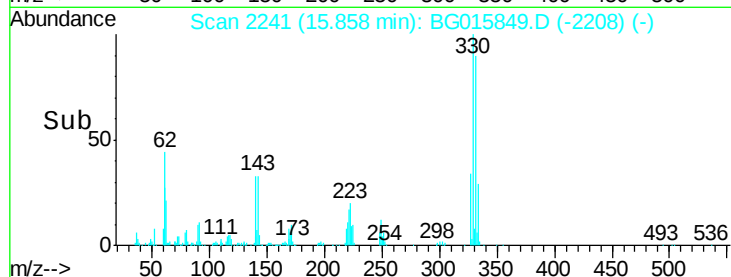
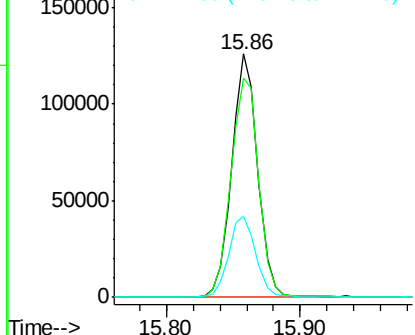
#41
 2,4,6-Tribromophenol
 Concen: 58.97 ng
 RT: 15.86 min Scan# 2241
 Delta R.T. -0.00 min
 Lab File: BG015849.D
 Acq: 5 Jan 2015 19:01

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

Tgt Ion:330 Resp: 170678
 Ion Ratio Lower Upper
 330 100
 332 97.1 73.8 110.8
 141 35.0 27.2 40.8

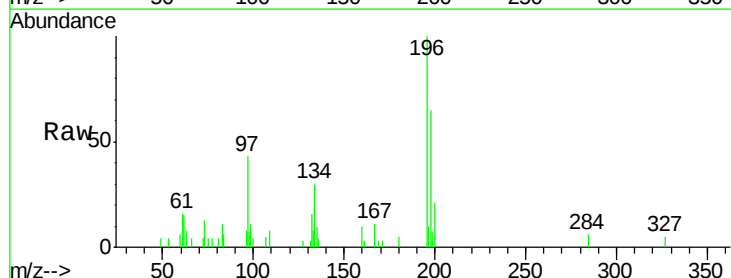


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

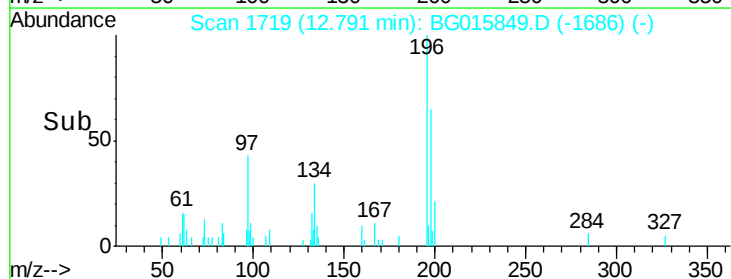
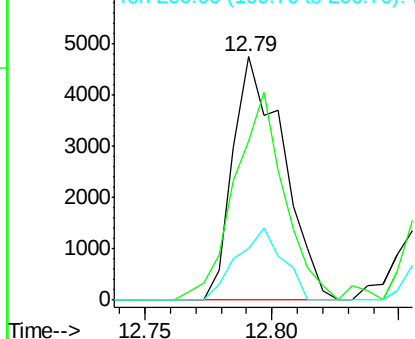


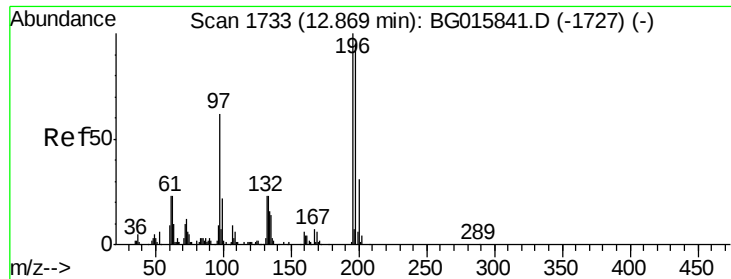
#42
 2,4,6-Trichlorophenol
 Concen: 3.77 ng
 RT: 12.79 min Scan# 1719
 Delta R.T. -0.00 min
 Lab File: BG015849.D
 Acq: 5 Jan 2015 19:01

Tgt Ion:196 Resp: 6548
 Ion Ratio Lower Upper
 196 100
 198 59.1 80.2 120.4#
 200 19.1 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

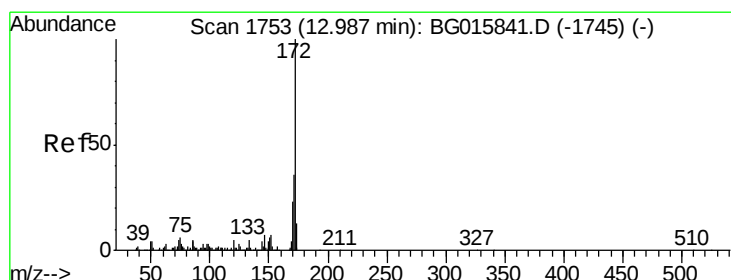
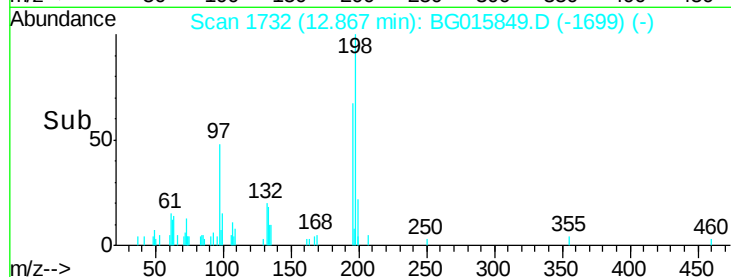
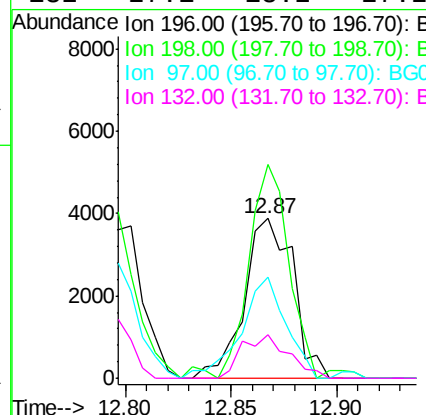
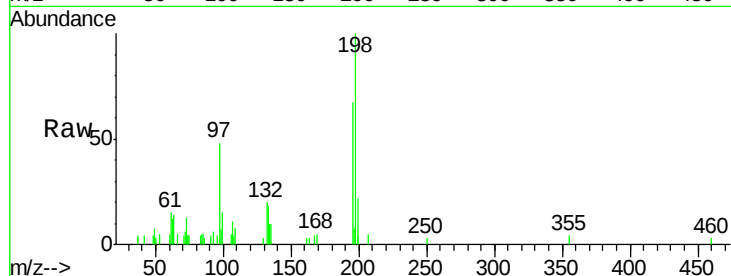




#43
 2,4,5-Trichlorophenol
 Concen: 3.26 ng
 RT: 12.87 min Scan# 1732
 Delta R.T. -0.00 min
 Lab File: BG015849.D
 Acq: 5 Jan 2015 19:01

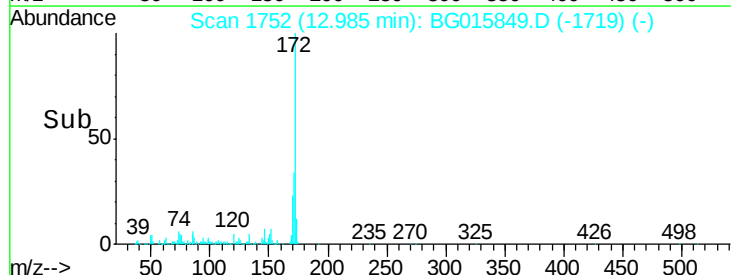
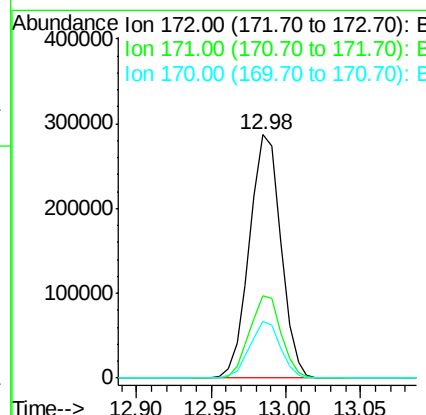
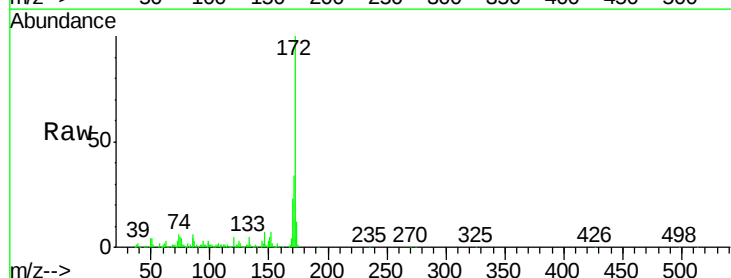
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

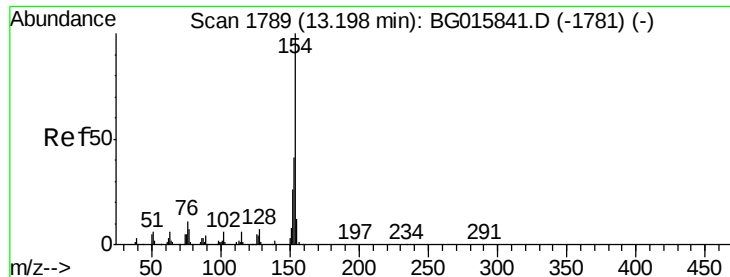
Tgt Ion	Ratio	Lower	Upper
196	100		
198	133.9	76.2	114.4
97	63.7	49.6	74.4
132	27.1	18.2	27.2



#44
 2-Fluorobiphenyl
 Concen: 39.13 ng
 RT: 12.98 min Scan# 1752
 Delta R.T. -0.00 min
 Lab File: BG015849.D
 Acq: 5 Jan 2015 19:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.0	28.6	43.0
170	23.1	18.2	27.4

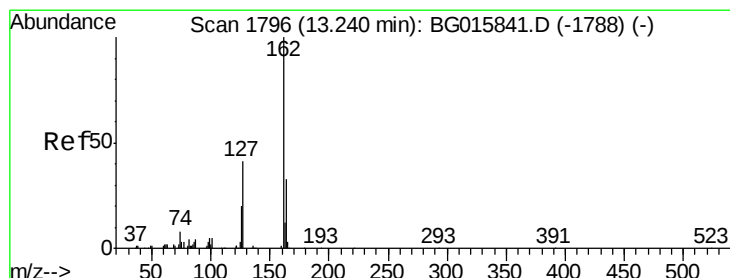
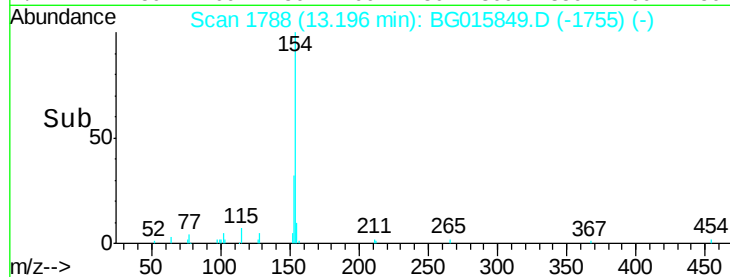
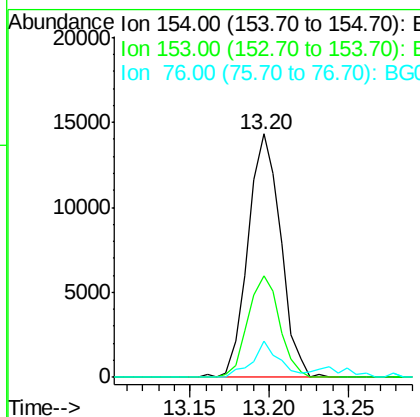
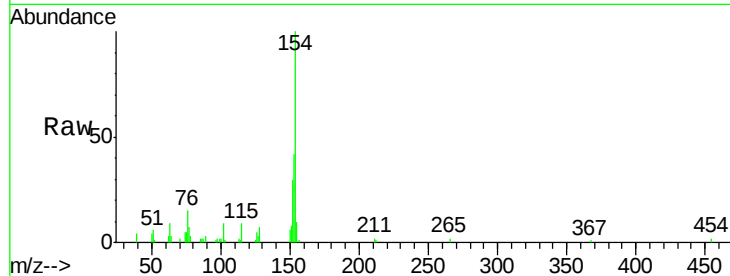




#45
 1,1'-Biphenyl
 Concen: 3.77 ng
 RT: 13.20 min Scan# 1788
 Delta R.T. -0.00 min
 Lab File: BG015849.D
 Acq: 5 Jan 2015 19:01

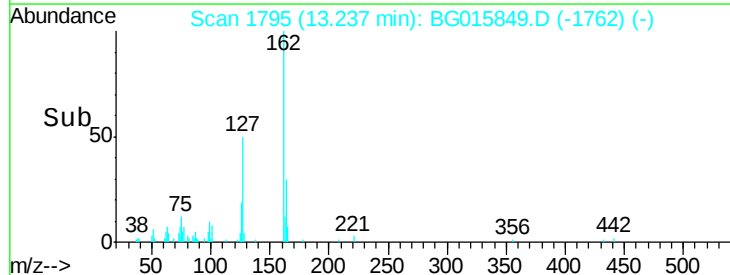
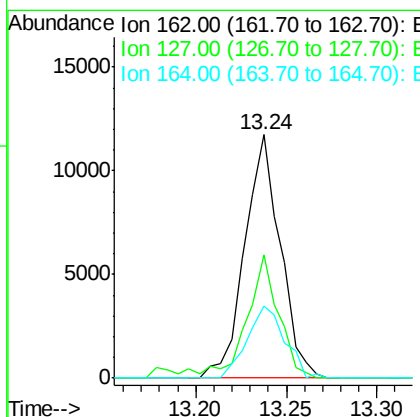
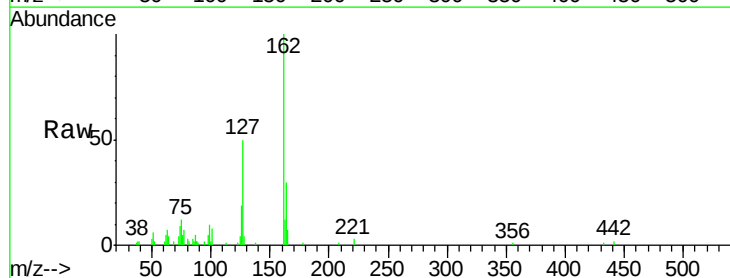
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

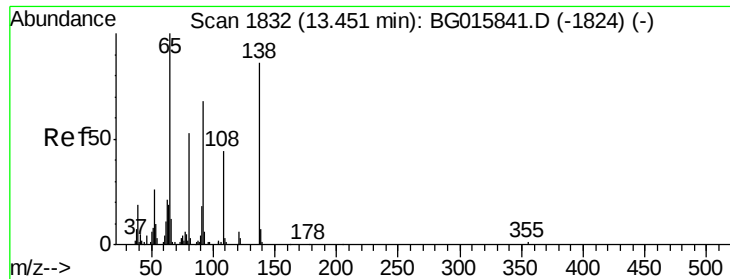
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.7	20.9	60.9
76	14.7	0.0	30.6



#46
 2-Chloronaphthalene
 Concen: 3.69 ng
 RT: 13.24 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: BG015849.D
 Acq: 5 Jan 2015 19:01

Tgt Ion	Ratio	Lower	Upper
162	100		
127	50.4	35.5	53.3
164	29.8	26.1	39.1

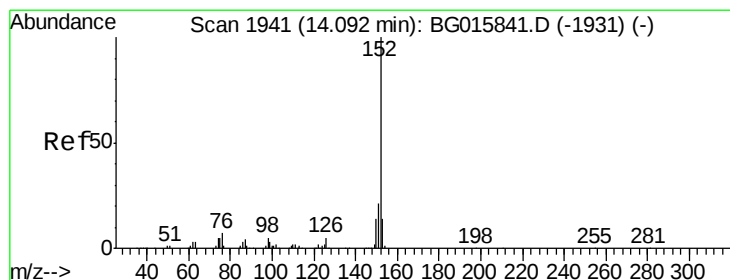
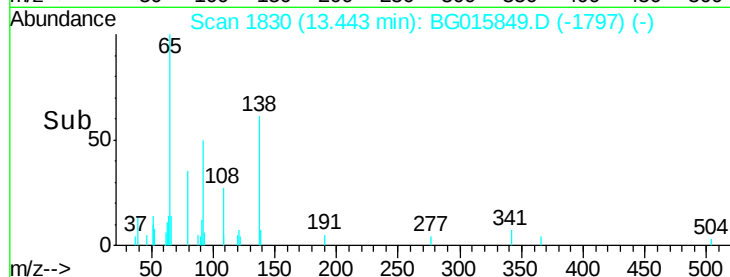
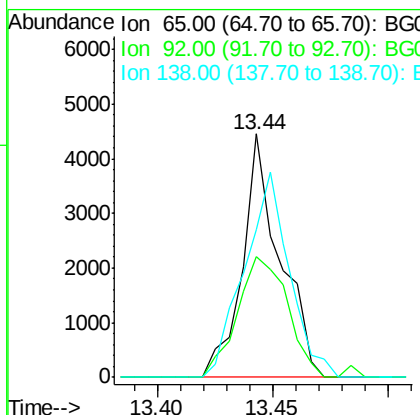
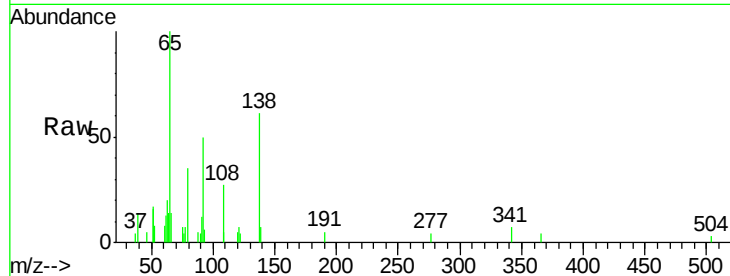




#47
2-Nitroaniline
Concen: 3.56 ng
RT: 13.44 min Scan# 1830
Delta R.T. -0.00 min
Lab File: BG015849.D
Acq: 5 Jan 2015 19:01

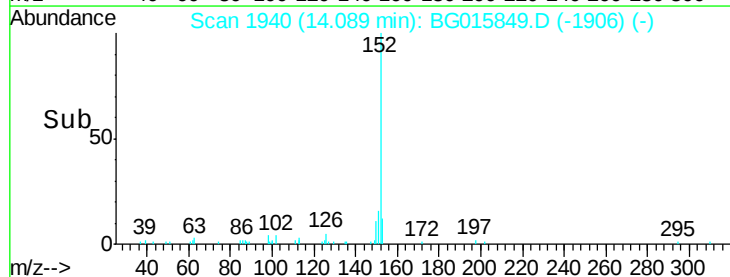
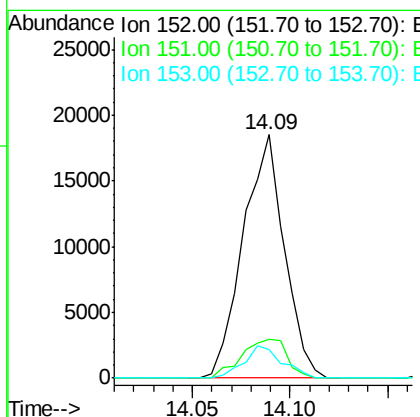
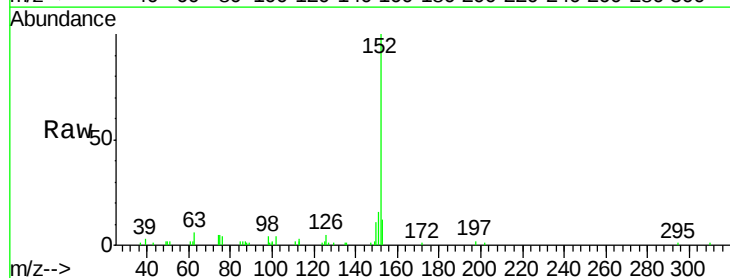
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

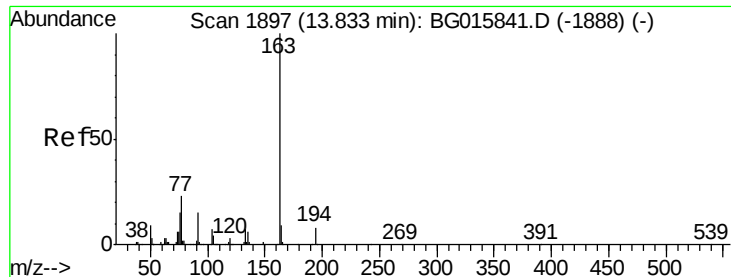
Tgt Ion: 65 Resp: 5039
Ion Ratio Lower Upper
65 100
92 49.6 54.6 81.8#
138 60.6 68.4 102.6#



#48
Acenaphthylene
Concen: 3.65 ng
RT: 14.09 min Scan# 1940
Delta R.T. 0.00 min
Lab File: BG015849.D
Acq: 5 Jan 2015 19:01

Tgt Ion: 152 Resp: 27028
Ion Ratio Lower Upper
152 100
151 16.1 17.1 25.7#
153 12.0 11.3 16.9





#49

Dimethylphthalate

Concen: 3.65 ng

RT: 13.82 min Scan# 1895

Delta R.T. -0.00 min

Lab File: BG015849.D

Acq: 5 Jan 2015 19:01

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

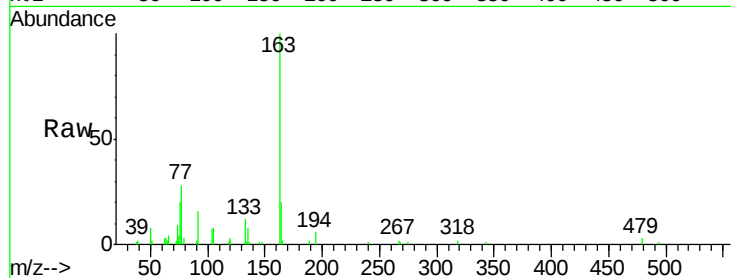
Tgt Ion:163 Resp: 20490

Ion Ratio Lower Upper

163 100

194 6.3 6.7 10.1#

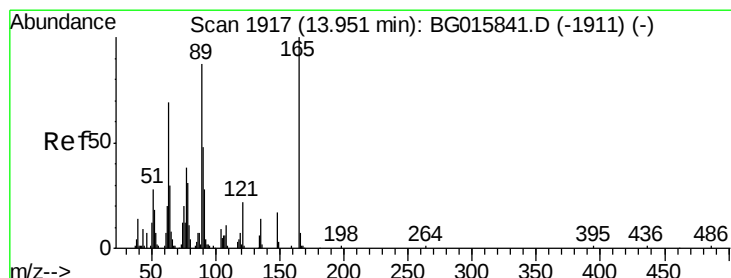
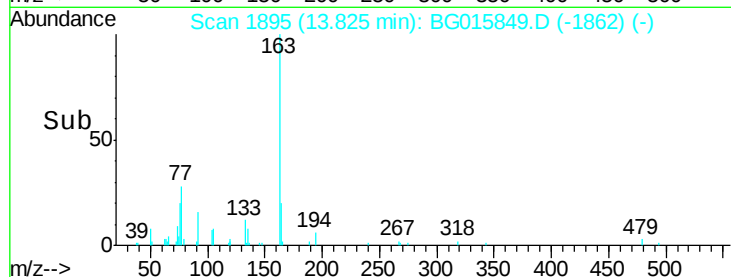
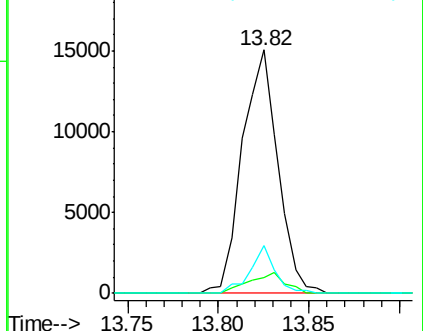
164 19.6 7.4 11.0#



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: 3.52 ng

RT: 13.94 min Scan# 1915

Delta R.T. -0.00 min

Lab File: BG015849.D

Acq: 5 Jan 2015 19:01

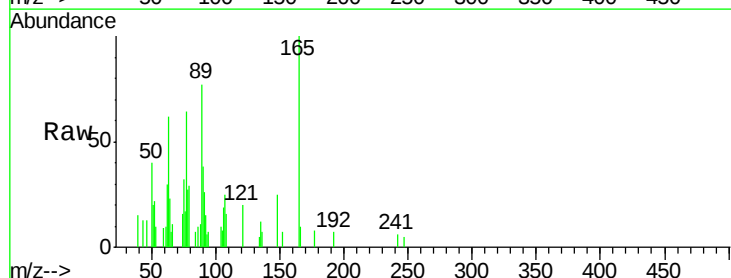
Tgt Ion:165 Resp: 4267

Ion Ratio Lower Upper

165 100

63 61.9 55.9 83.9

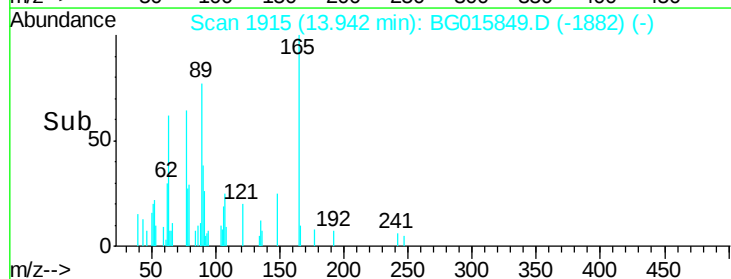
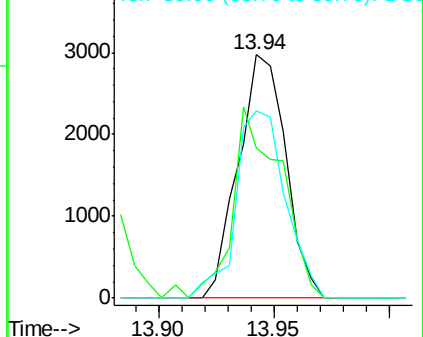
89 76.9 69.4 104.2

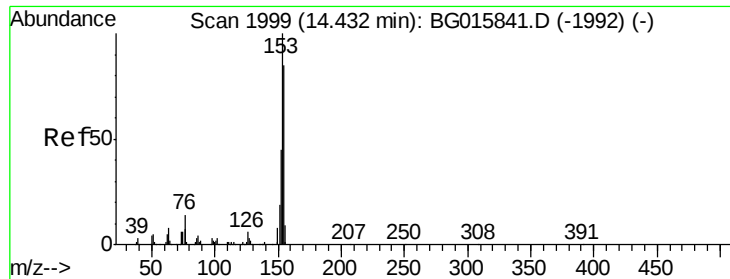


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 3.70 ng

RT: 14.43 min Scan# 1998

Delta R.T. 0.00 min

Lab File: BG015849.D

Acq: 5 Jan 2015 19:01

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

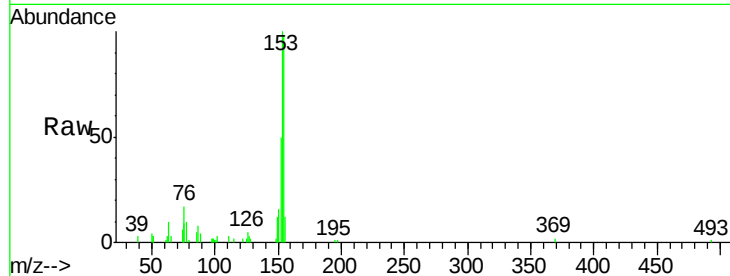
Tgt Ion:154 Resp: 16125

Ion Ratio Lower Upper

154 100

153 101.6 94.1 141.1

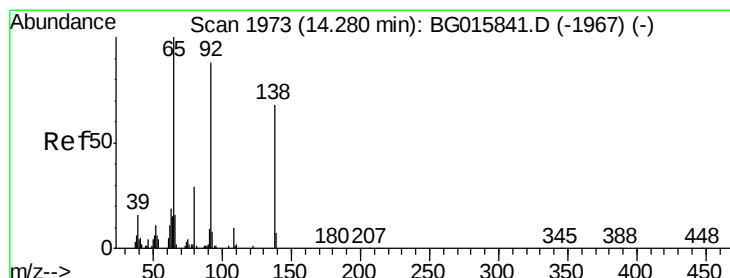
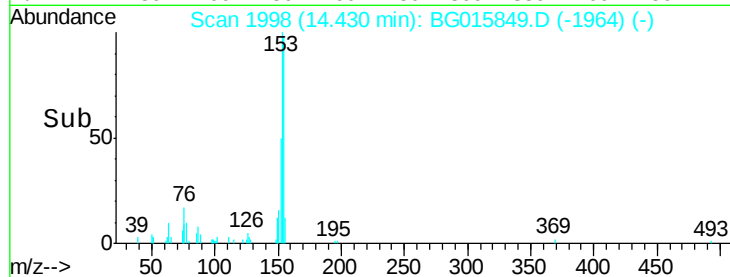
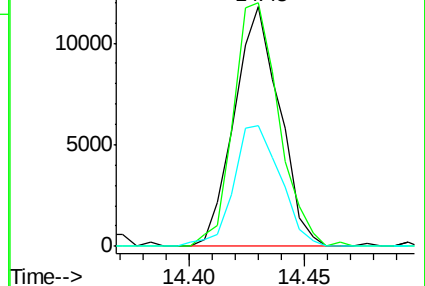
152 50.5 42.6 63.8



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: 3.06 ng

RT: 14.27 min Scan# 1971

Delta R.T. -0.01 min

Lab File: BG015849.D

Acq: 5 Jan 2015 19:01

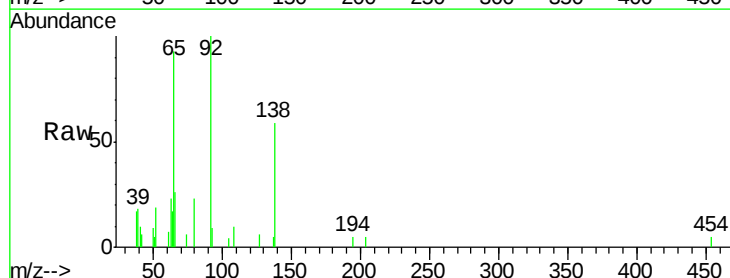
Tgt Ion:138 Resp: 3524

Ion Ratio Lower Upper

138 100

108 17.1 11.9 17.9

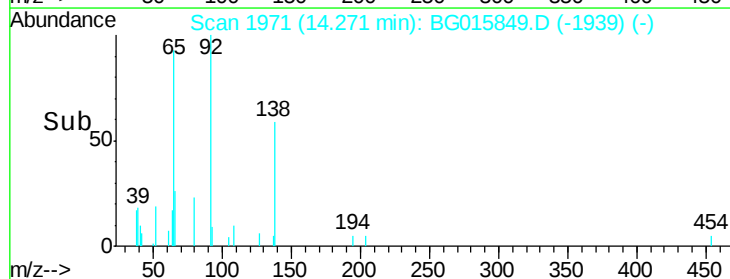
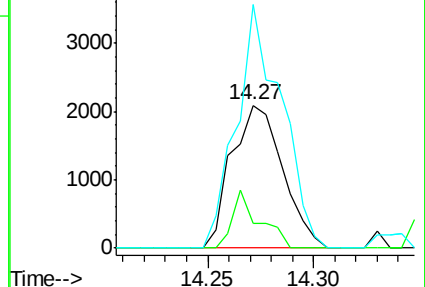
92 170.5 103.7 155.5#

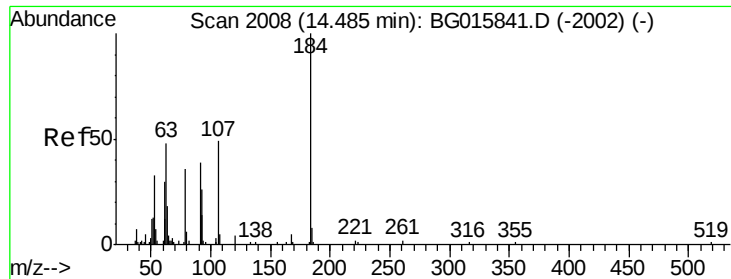


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

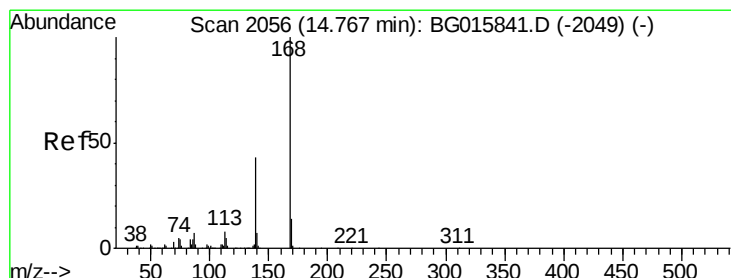
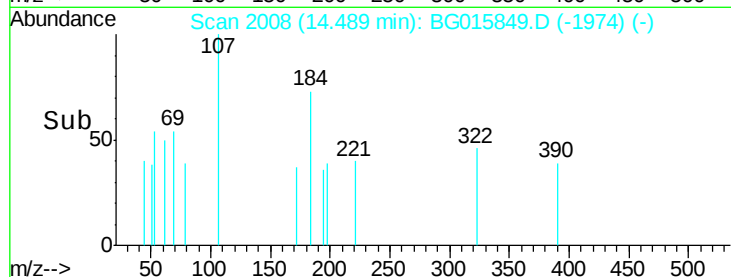
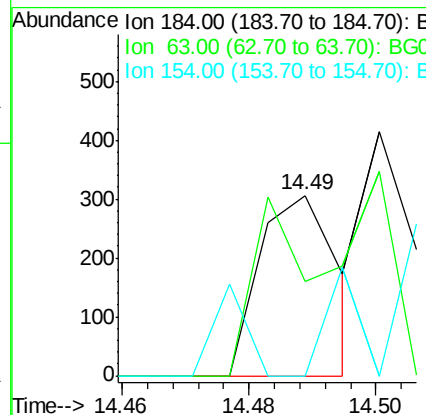
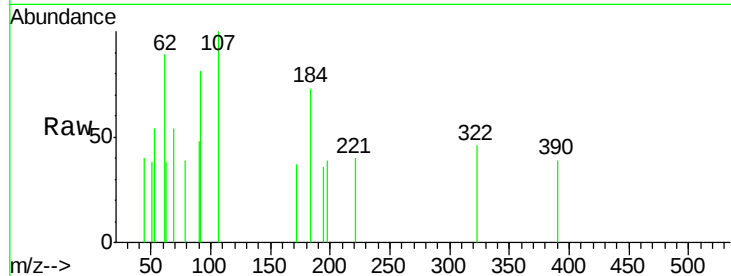




#53
2,4-Dinitrophenol
Concen: 0.39 ng
RT: 14.49 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BG015849.D
Acq: 5 Jan 2015 19:01

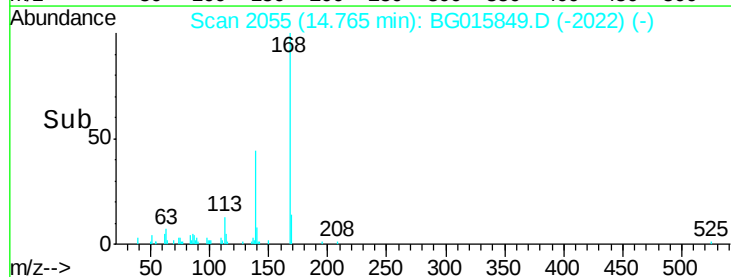
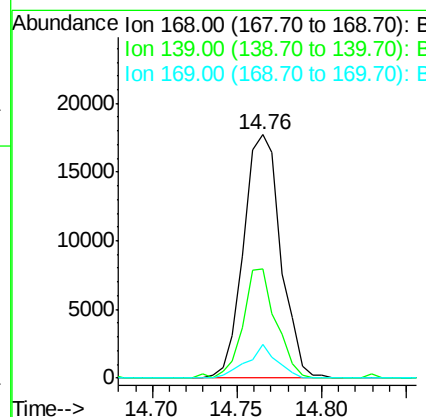
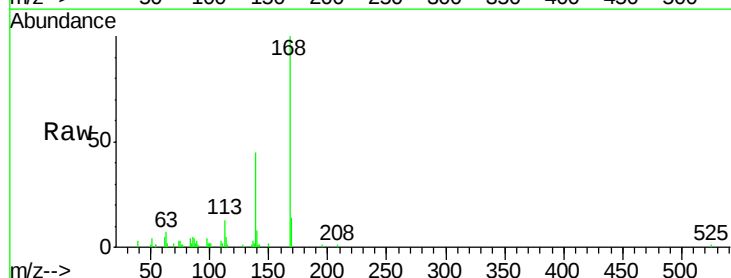
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

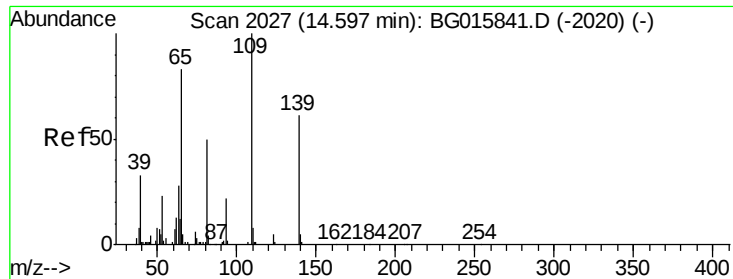
Tgt Ion:184 Resp: 260
Ion Ratio Lower Upper
184 100
63 52.3 47.3 70.9
154 0.0 56.9 85.3#



#54
Dibenzofuran
Concen: 3.85 ng
RT: 14.76 min Scan# 2055
Delta R.T. -0.00 min
Lab File: BG015849.D
Acq: 5 Jan 2015 19:01

Tgt Ion:168 Resp: 27155
Ion Ratio Lower Upper
168 100
139 44.8 34.3 51.5
169 14.1 10.9 16.3

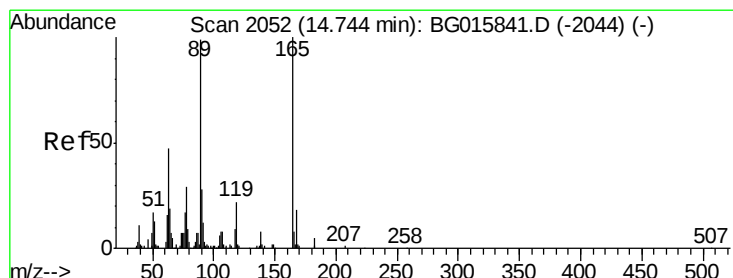
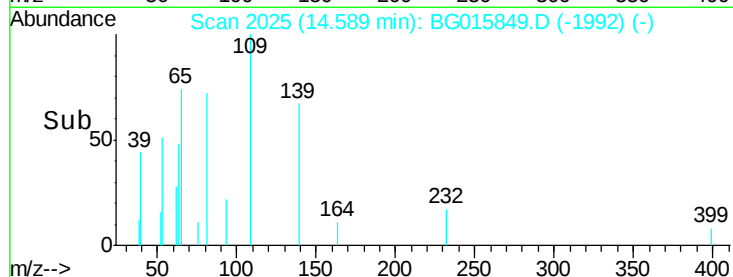
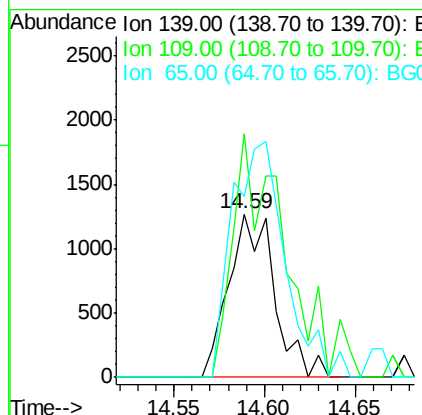
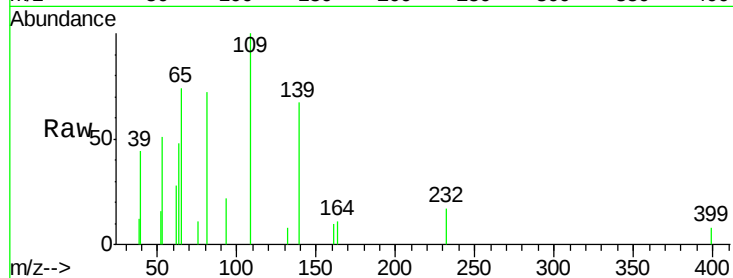




#55
4-Nitrophenol
Concen: 2.34 ng
RT: 14.59 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BG015849.D
Acq: 5 Jan 2015 19:01

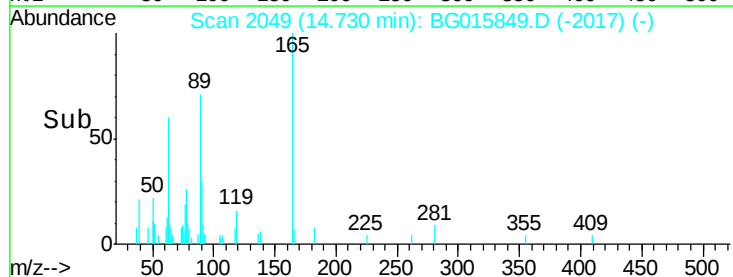
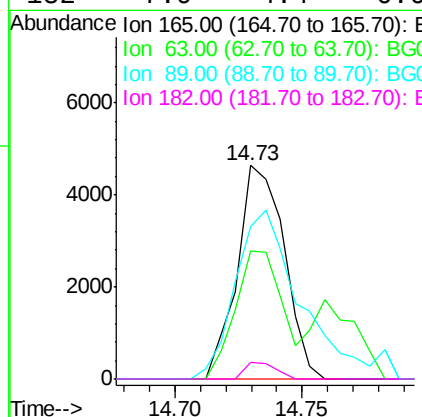
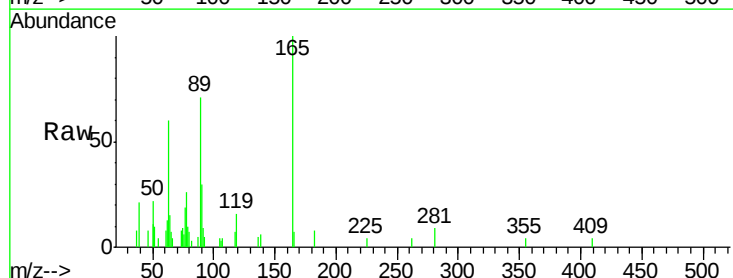
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

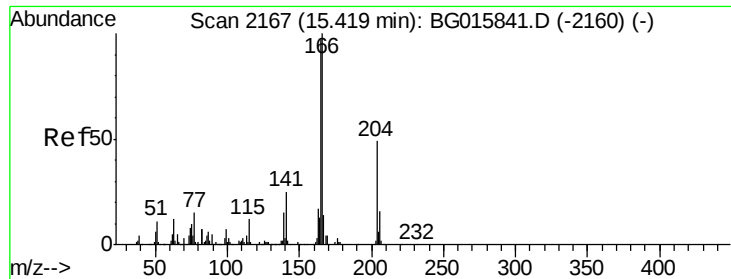
Tgt Ion:139 Resp: 2225
Ion Ratio Lower Upper
139 100
109 149.2 144.0 184.0
65 110.5 115.4 155.4#



#56
2,4-Dinitrotoluene
Concen: 3.43 ng
RT: 14.73 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BG015849.D
Acq: 5 Jan 2015 19:01

Tgt Ion:165 Resp: 5989
Ion Ratio Lower Upper
165 100
63 60.1 37.9 56.9#
89 71.3 78.9 118.3#
182 7.9 4.4 6.6#

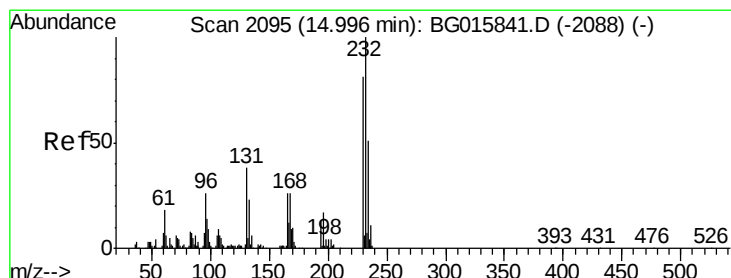
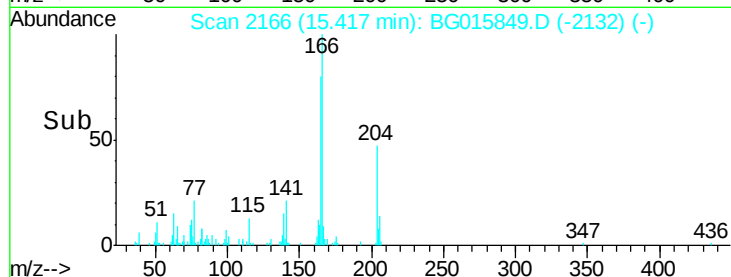
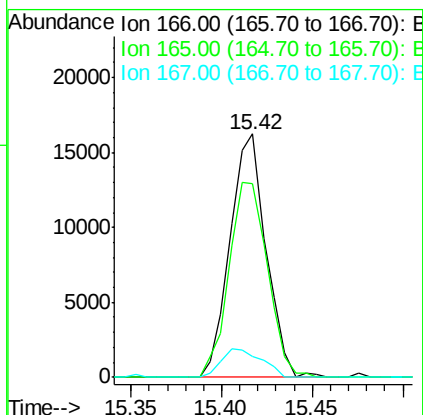
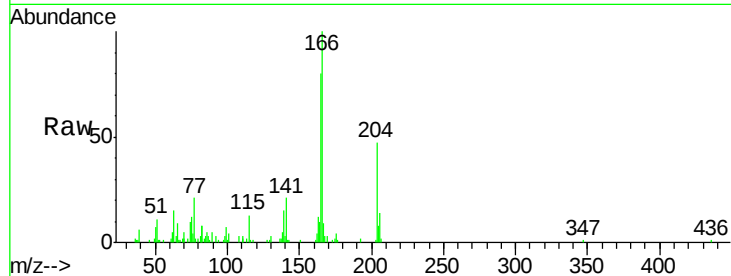




#57
 Fluorene
 Concen: 3.90 ng
 RT: 15.42 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: BG015849.D
 Acq: 5 Jan 2015 19:01

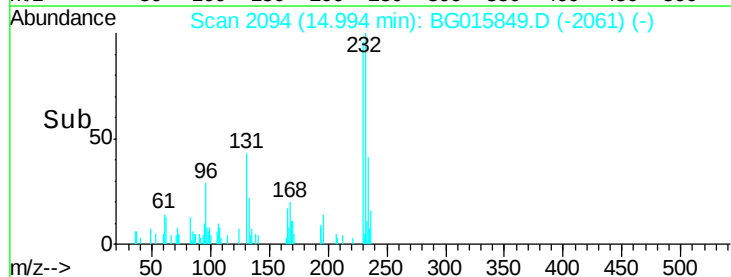
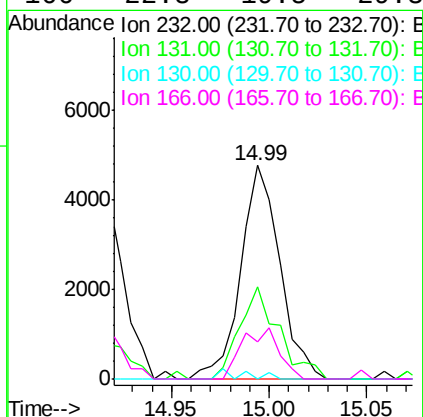
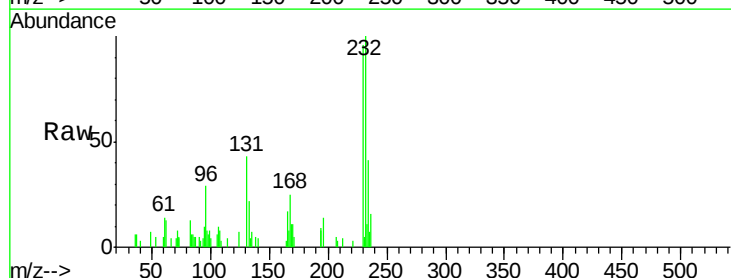
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

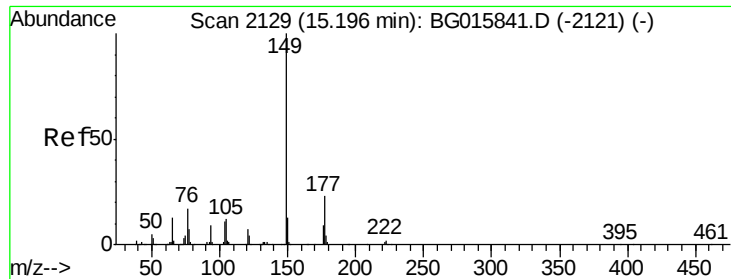
Tgt Ion:166 Resp: 22450
 Ion Ratio Lower Upper
 166 100
 165 79.7 77.7 116.5
 167 11.7 11.2 16.8



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 3.08 ng
 RT: 14.99 min Scan# 2094
 Delta R.T. -0.00 min
 Lab File: BG015849.D
 Acq: 5 Jan 2015 19:01

Tgt Ion:232 Resp: 6610
 Ion Ratio Lower Upper
 232 100
 131 43.4 31.3 46.9
 130 0.0 2.2 3.4#
 166 22.8 19.5 29.3

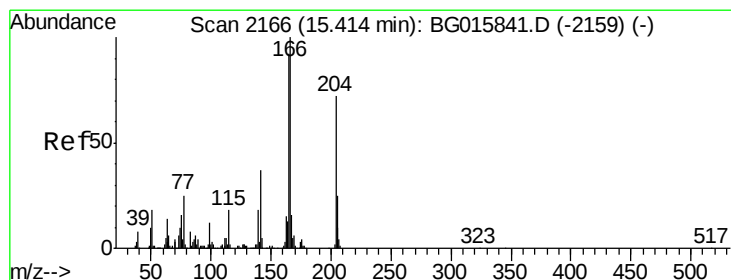
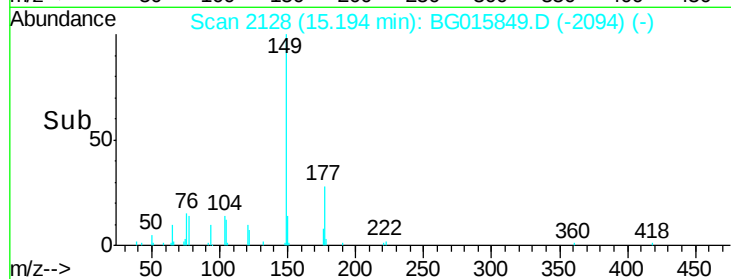
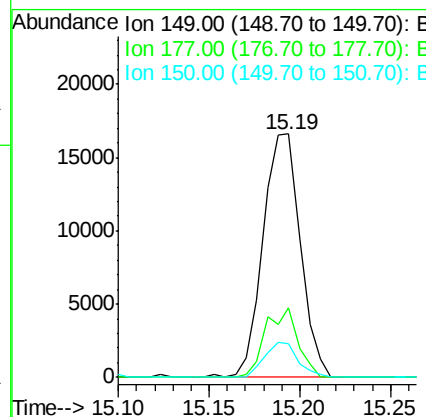
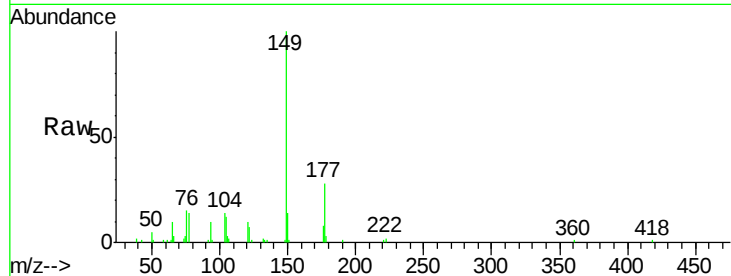




#59
Diethylphthalate
Concen: 3.83 ng
RT: 15.19 min Scan# 2128
Delta R.T. 0.00 min
Lab File: BG015849.D
Acq: 5 Jan 2015 19:01

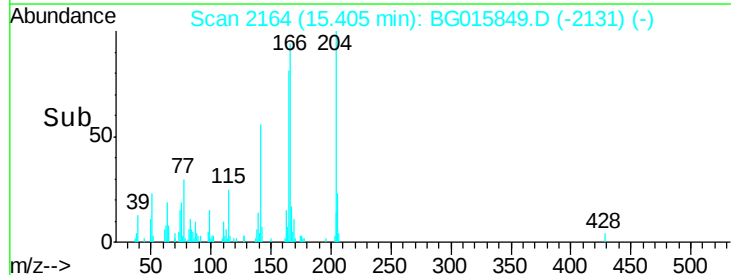
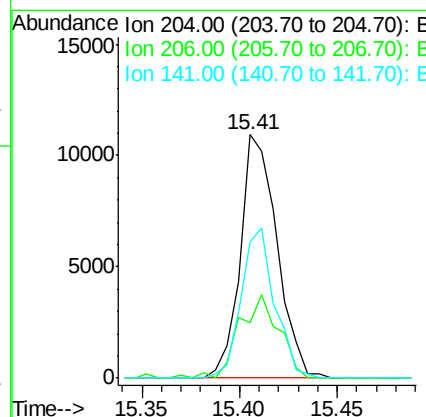
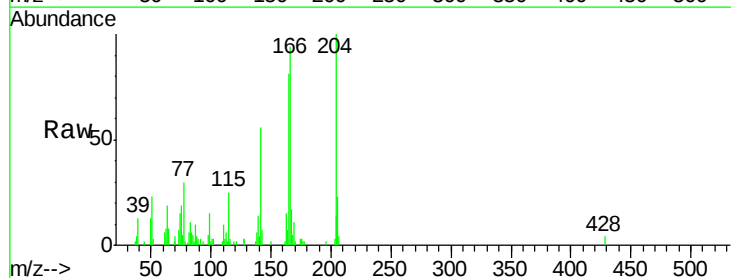
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

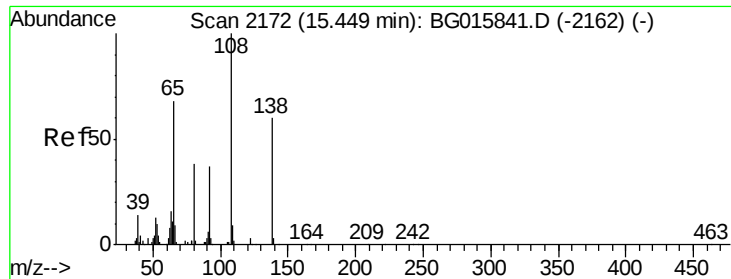
Tgt Ion:149 Resp: 23761
Ion Ratio Lower Upper
149 100
177 28.3 18.2 27.4#
150 13.9 10.0 15.0



#60
4-Chlorophenyl-phenylether
Concen: 3.79 ng
RT: 15.41 min Scan# 2164
Delta R.T. -0.00 min
Lab File: BG015849.D
Acq: 5 Jan 2015 19:01

Tgt Ion:204 Resp: 14225
Ion Ratio Lower Upper
204 100
206 23.0 28.2 42.4#
141 56.0 41.1 61.7

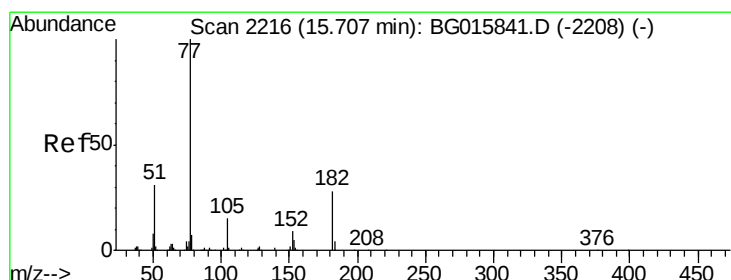
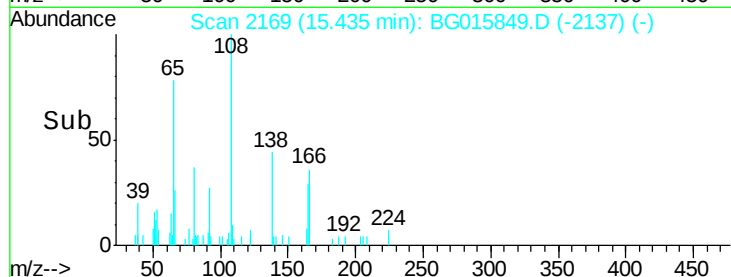
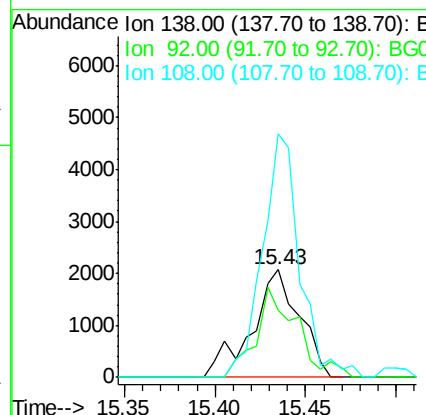
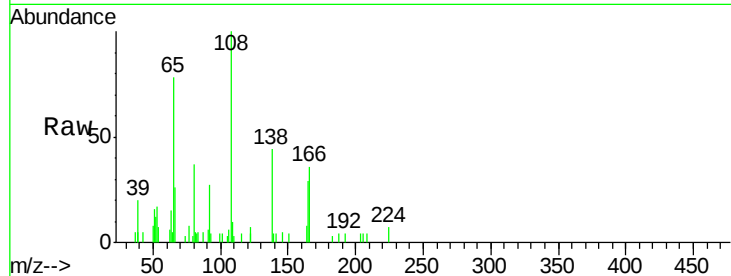




#61
4-Nitroaniline
Concen: 2.79 ng
RT: 15.43 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BG015849.D
Acq: 5 Jan 2015 19:01

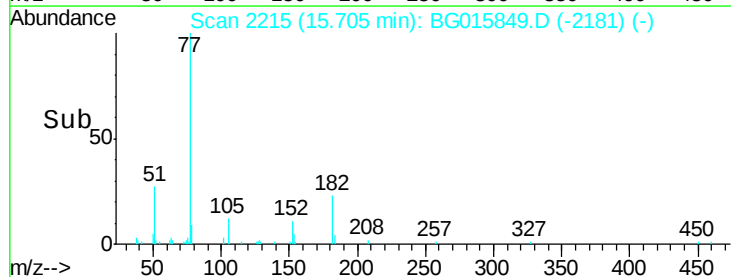
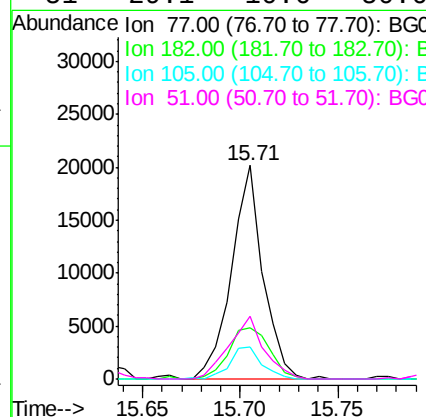
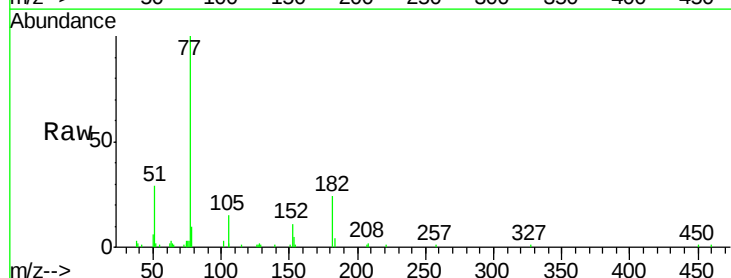
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

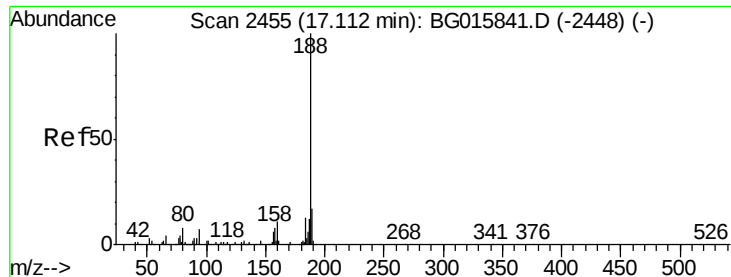
Tgt Ion:138 Resp: 3784
Ion Ratio Lower Upper
138 100
92 61.9 42.2 82.2
108 226.7 147.2 187.2#



#62
Azobenzene
Concen: 3.38 ng
RT: 15.71 min Scan# 2215
Delta R.T. 0.00 min
Lab File: BG015849.D
Acq: 5 Jan 2015 19:01

Tgt Ion: 77 Resp: 22607
Ion Ratio Lower Upper
77 100
182 23.7 7.7 47.7
105 14.8 0.0 35.1
51 29.1 10.6 50.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.11 min Scan# 2454

Delta R.T. -0.00 min

Lab File: BG015849.D

Acq: 5 Jan 2015 19:01

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

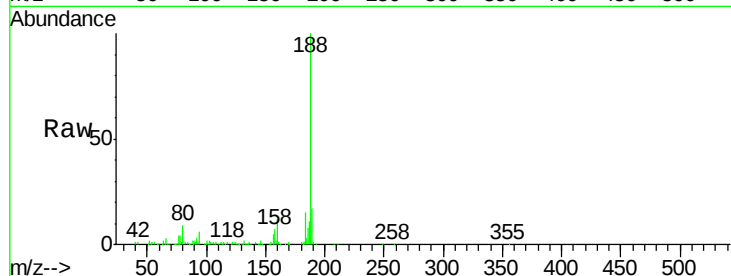
Tgt Ion:188 Resp: 192112

Ion Ratio Lower Upper

188 100

94 6.2 5.4 8.0

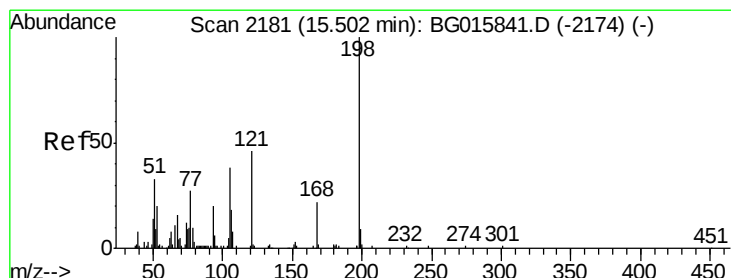
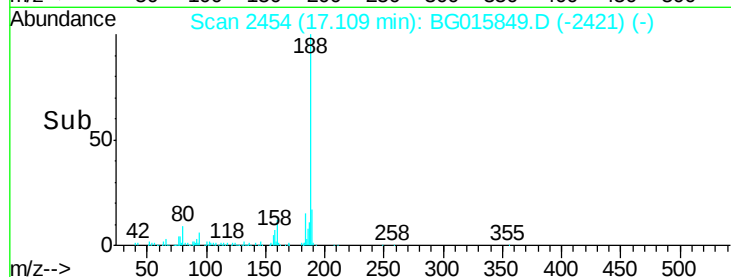
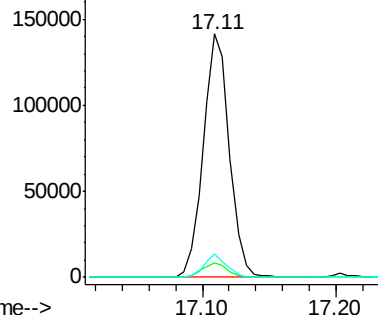
80 9.5 6.6 9.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG015849.D (-2448) (-)

Ion 80.00 (79.70 to 80.70): BG015849.D (-2448) (-)



#64

4,6-Dinitro-2-methylphenol

Concen: 1.93 ng

RT: 15.50 min Scan# 2180

Delta R.T. -0.00 min

Lab File: BG015849.D

Acq: 5 Jan 2015 19:01

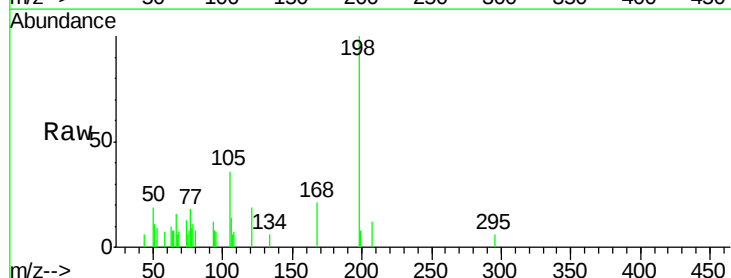
Tgt Ion:198 Resp: 2553

Ion Ratio Lower Upper

198 100

51 11.4 13.6 53.6#

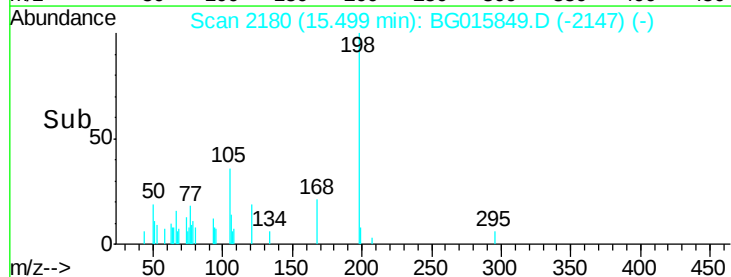
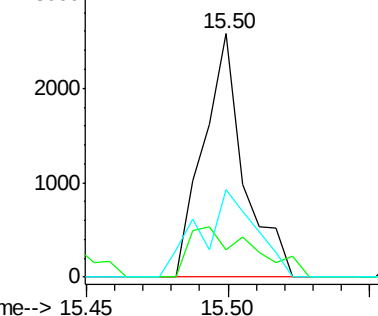
105 35.7 17.9 57.9

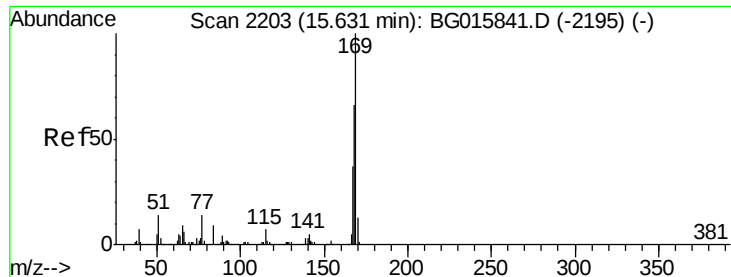


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG015849.D (-2174) (-)

Ion 105.00 (104.70 to 105.70): BG015849.D (-2174) (-)





#65

n-Nitrosodiphenylamine

Concen: 3.41 ng

RT: 15.63 min Scan# 2202

Delta R.T. 0.00 min

Lab File: BG015849.D

Acq: 5 Jan 2015 19:01

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

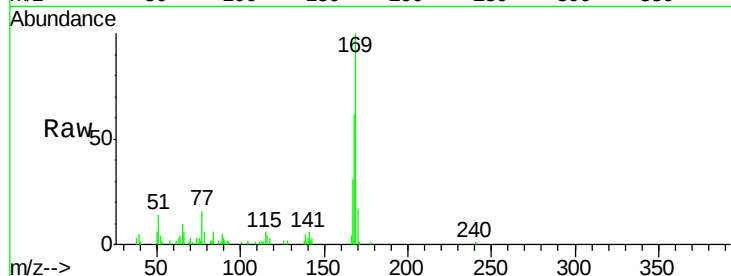
Tgt Ion:169 Resp: 18814

Ion Ratio Lower Upper

169 100

168 62.3 52.7 79.1

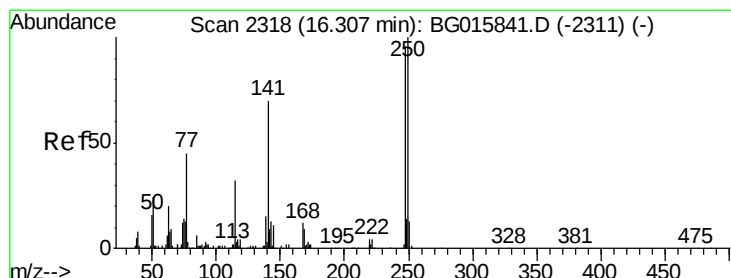
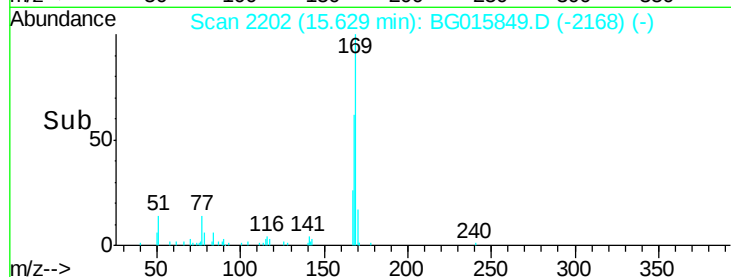
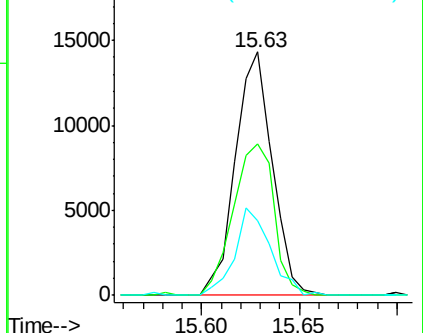
167 30.8 29.3 43.9



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: 3.78 ng

RT: 16.30 min Scan# 2317

Delta R.T. 0.00 min

Lab File: BG015849.D

Acq: 5 Jan 2015 19:01

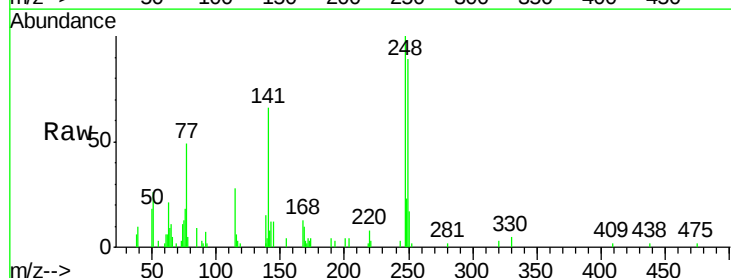
Tgt Ion:248 Resp: 9963

Ion Ratio Lower Upper

248 100

250 89.0 83.5 125.3

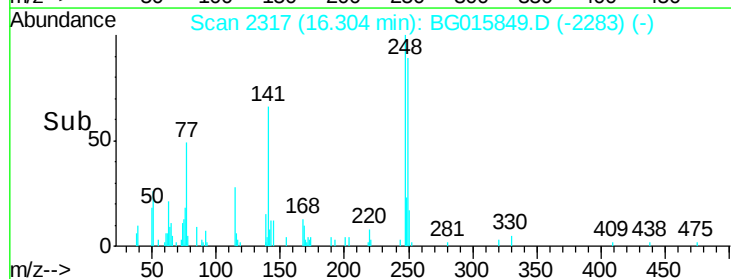
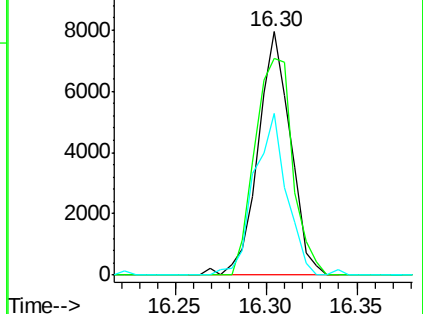
141 66.5 58.1 87.1

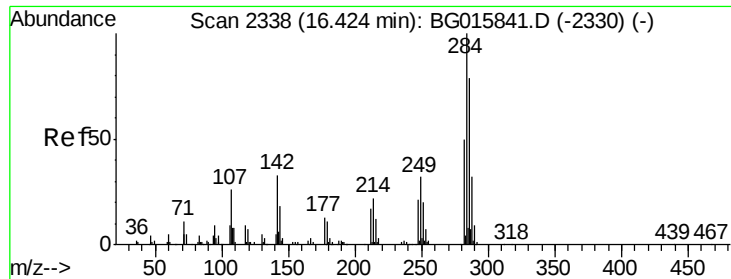


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

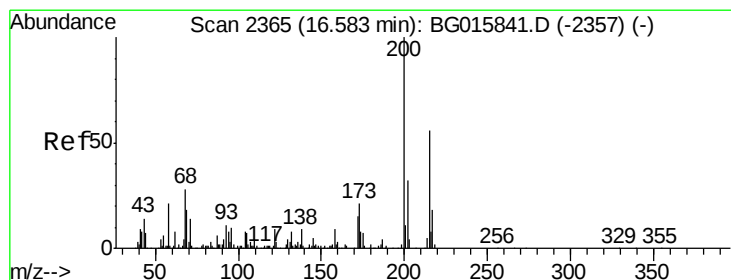
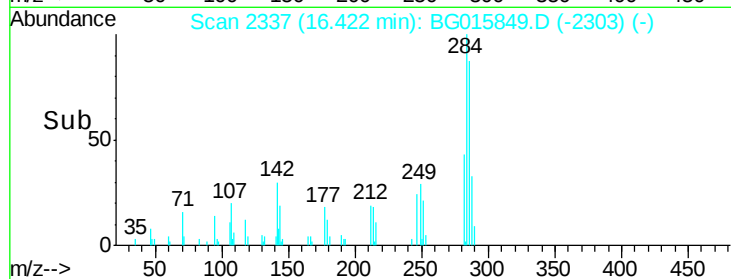
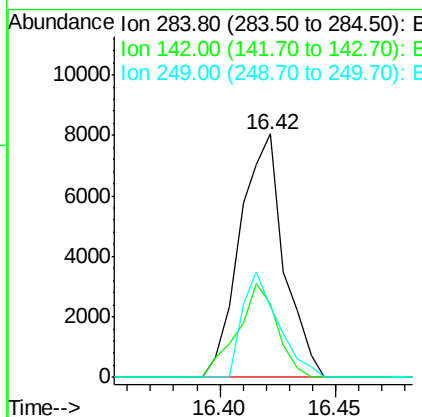
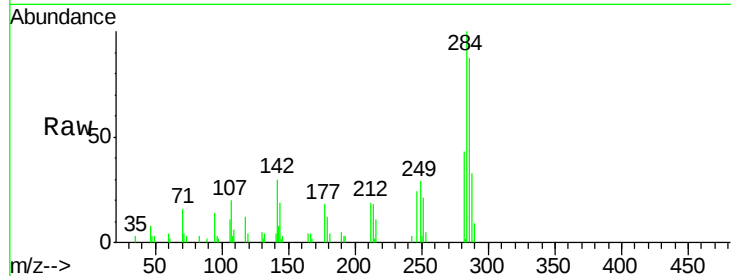




#67
Hexachlorobenzene
Concen: 3.58 ng
RT: 16.42 min Scan# 2337
Delta R.T. 0.00 min
Lab File: BG015849.D
Acq: 5 Jan 2015 19:01

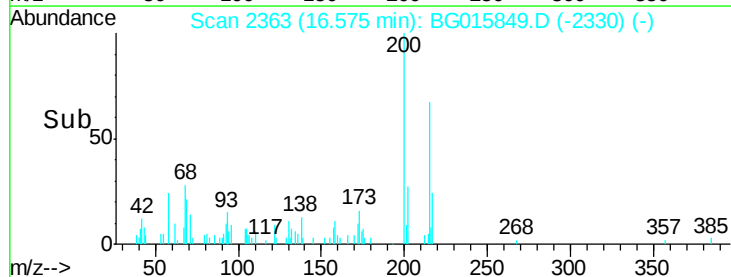
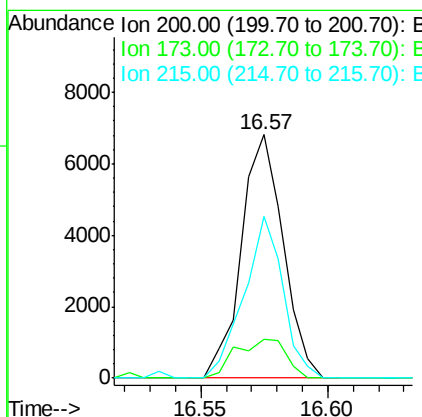
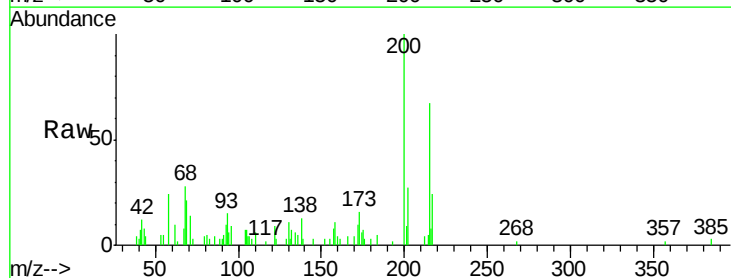
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

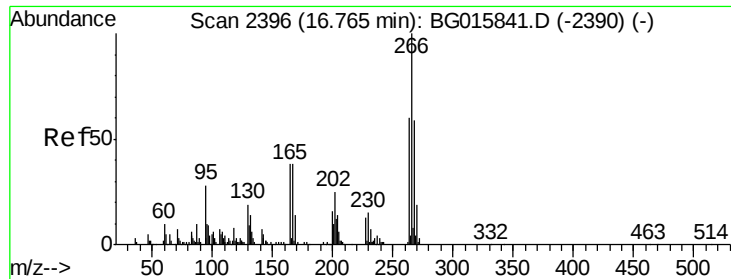
Tgt Ion:284 Resp: 10680
Ion Ratio Lower Upper
284 100
142 37.6 26.1 39.1
249 32.7 26.0 39.0



#68
Atrazine
Concen: 3.17 ng
RT: 16.57 min Scan# 2363
Delta R.T. -0.00 min
Lab File: BG015849.D
Acq: 5 Jan 2015 19:01

Tgt Ion:200 Resp: 7825
Ion Ratio Lower Upper
200 100
173 16.2 1.1 41.1
215 66.5 35.6 75.6





#69

Pentachlorophenol

Concen: 1.66 ng

RT: 16.77 min Scan# 2396

Delta R.T. 0.00 min

Lab File: BG015849.D

Acq: 5 Jan 2015 19:01

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

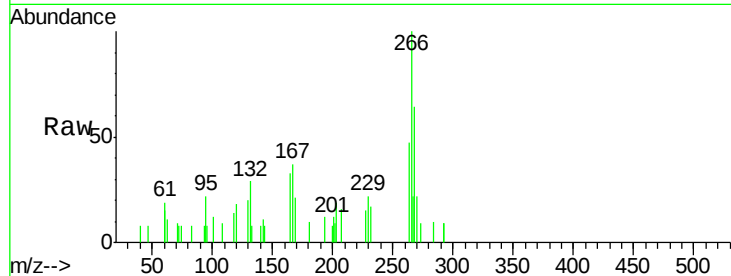
Tgt Ion:266 Resp: 2928

Ion Ratio Lower Upper

266 100

268 0.0 50.2 75.2#

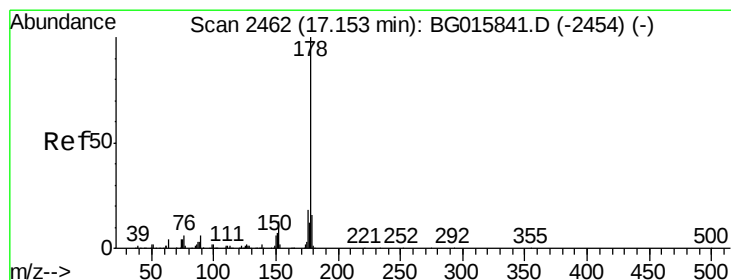
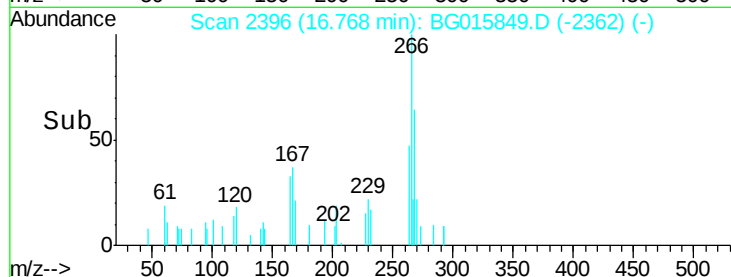
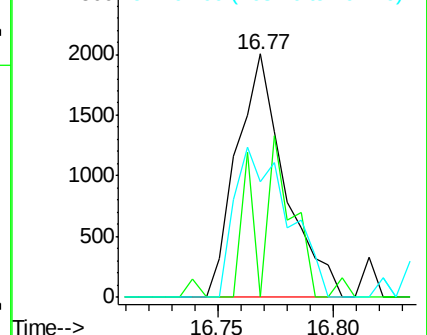
264 47.4 48.2 72.2#



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 3.65 ng

RT: 17.15 min Scan# 2461

Delta R.T. -0.00 min

Lab File: BG015849.D

Acq: 5 Jan 2015 19:01

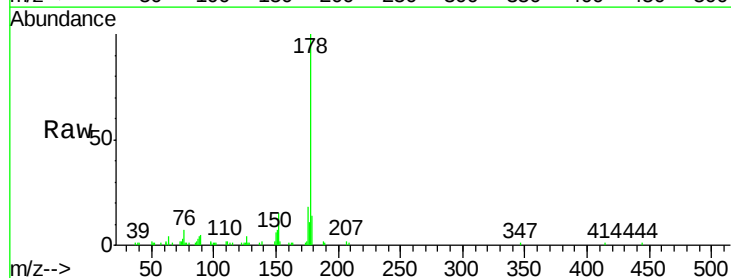
Tgt Ion:178 Resp: 37286

Ion Ratio Lower Upper

178 100

176 18.0 14.5 21.7

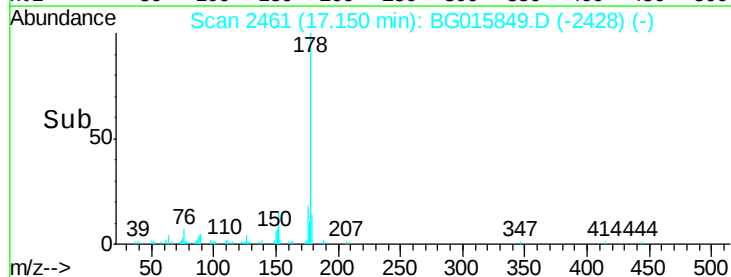
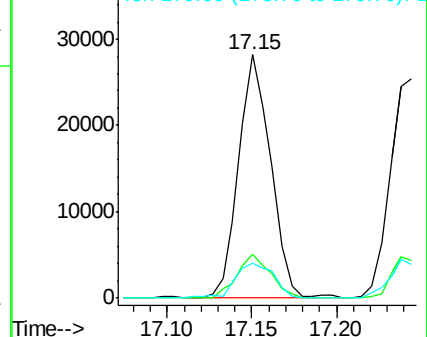
179 14.3 12.6 19.0

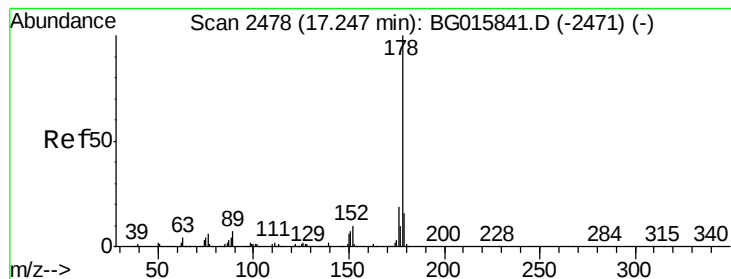


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 3.59 ng

RT: 17.24 min Scan# 2477

Delta R.T. 0.00 min

Lab File: BG015849.D

Acq: 5 Jan 2015 19:01

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

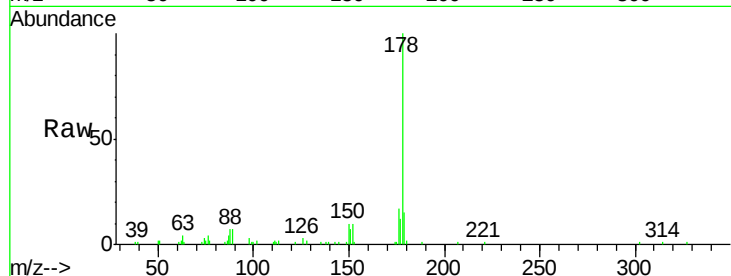
Tgt Ion:178 Resp: 36418

Ion Ratio Lower Upper

178 100

176 17.1 15.6 23.4

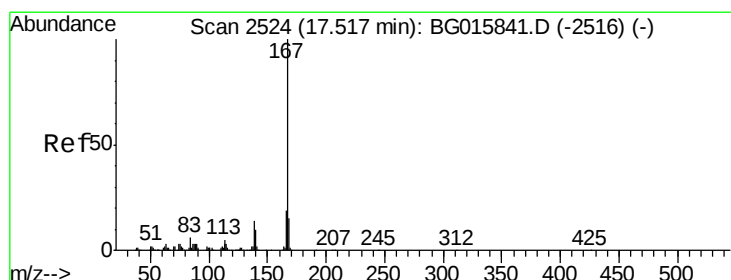
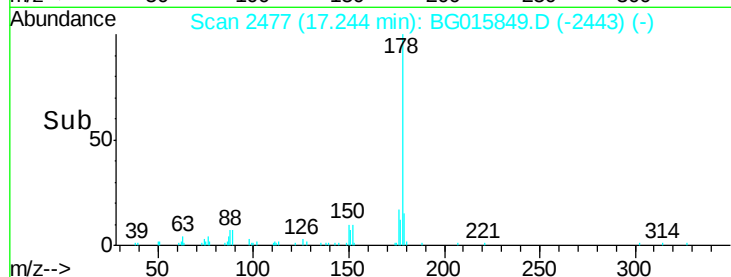
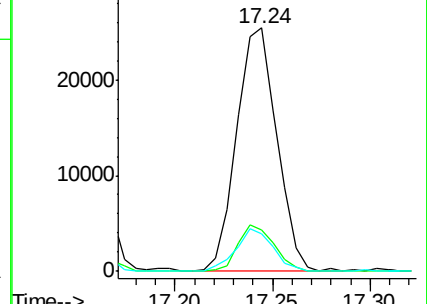
179 15.5 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 3.24 ng

RT: 17.51 min Scan# 2523

Delta R.T. -0.00 min

Lab File: BG015849.D

Acq: 5 Jan 2015 19:01

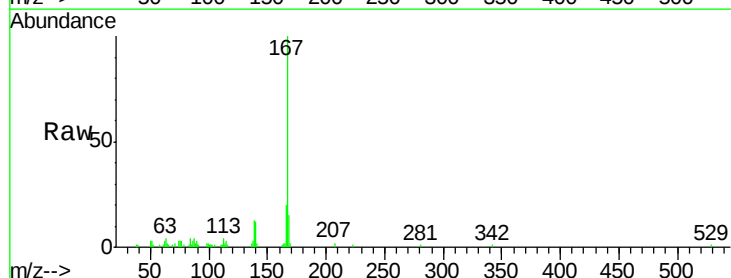
Tgt Ion:167 Resp: 31588

Ion Ratio Lower Upper

167 100

166 19.6 15.0 22.4

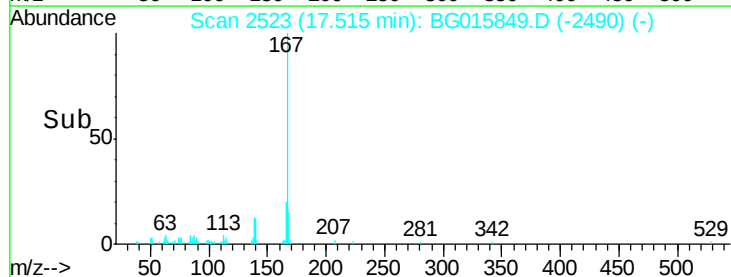
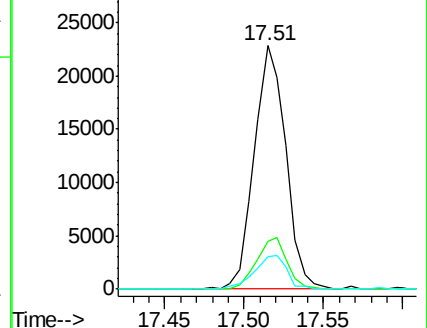
139 13.5 11.0 16.4

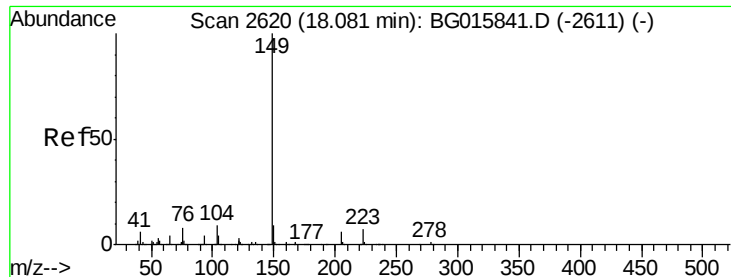


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

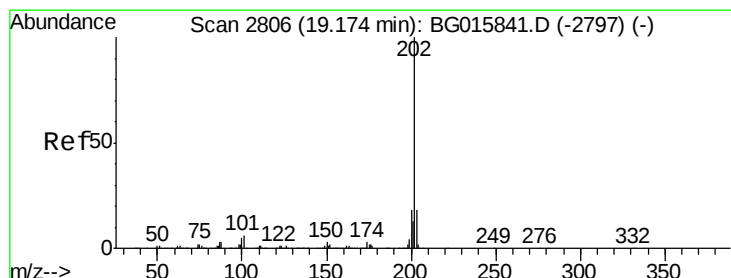
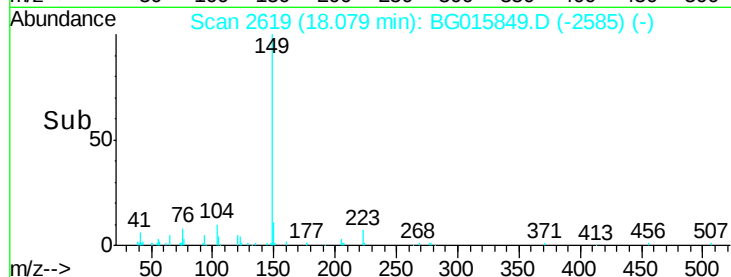
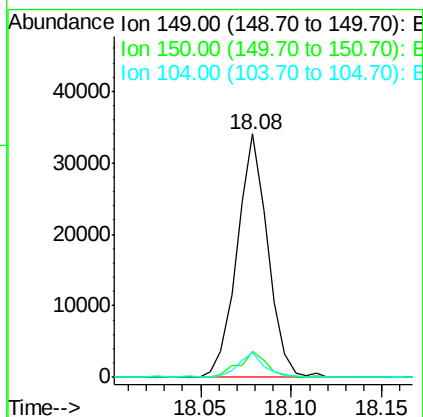
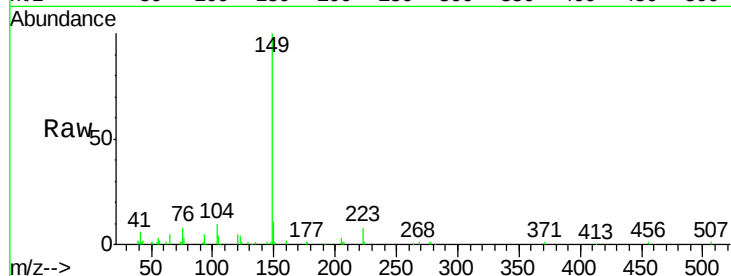




#73
Di-n-butylphthalate
Concen: 3.48 ng
RT: 18.08 min Scan# 2619
Delta R.T. 0.00 min
Lab File: BG015849.D
Acq: 5 Jan 2015 19:01

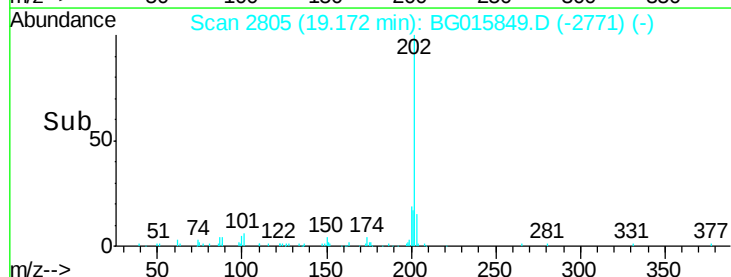
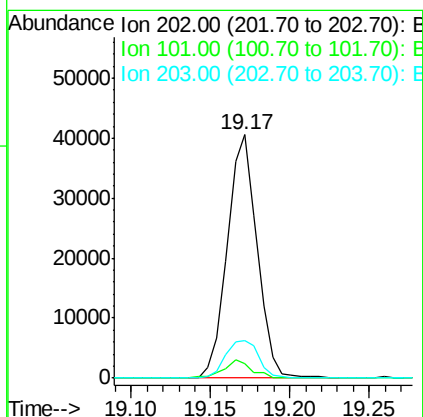
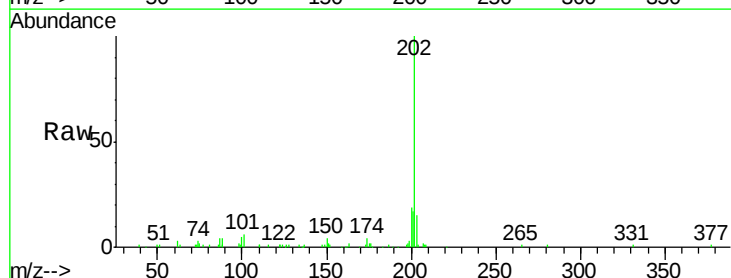
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

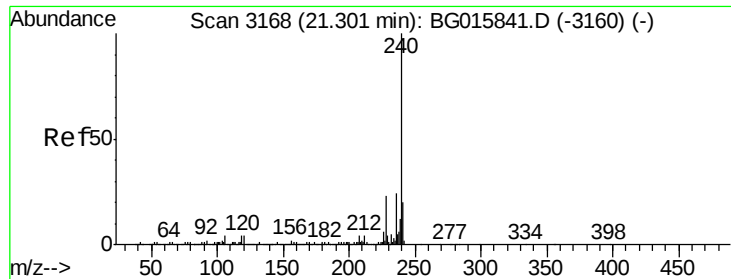
Tgt Ion:149 Resp: 39910
Ion Ratio Lower Upper
149 100
150 10.8 7.1 10.7#
104 10.0 6.8 10.2



#74
Fluoranthene
Concen: 3.41 ng
RT: 19.17 min Scan# 2805
Delta R.T. 0.00 min
Lab File: BG015849.D
Acq: 5 Jan 2015 19:01

Tgt Ion:202 Resp: 52704
Ion Ratio Lower Upper
202 100
101 6.2 0.0 26.1
203 15.3 0.0 38.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.29 min Scan# 3166

Delta R.T. -0.00 min

Lab File: BG015849.D

Acq: 5 Jan 2015 19:01

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

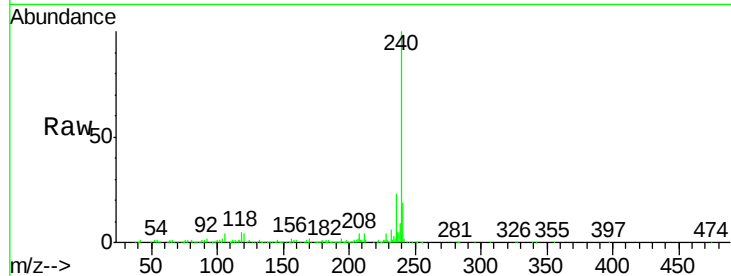
Tgt Ion:240 Resp: 291079

Ion Ratio Lower Upper

240 100

120 3.8 3.4 5.2

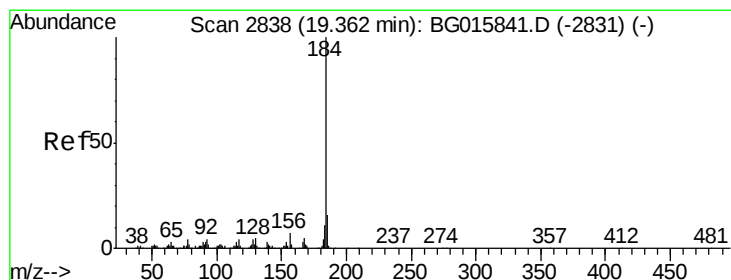
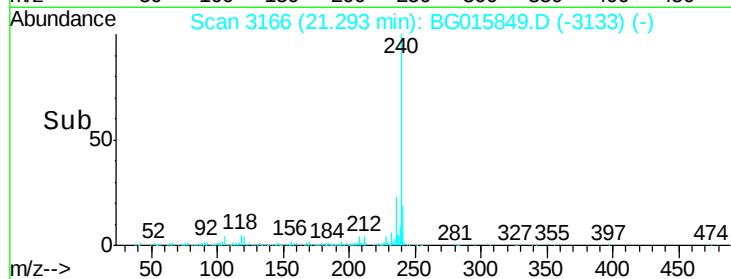
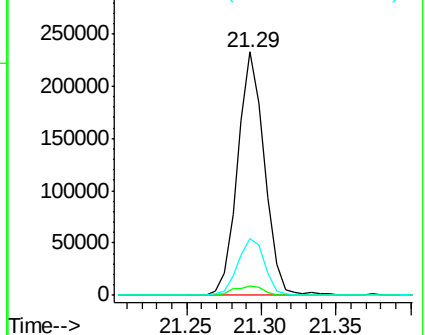
236 23.5 19.0 28.6



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



#76

Benzidine

Concen: 1.47 ng

RT: 19.36 min Scan# 2837

Delta R.T. 0.00 min

Lab File: BG015849.D

Acq: 5 Jan 2015 19:01

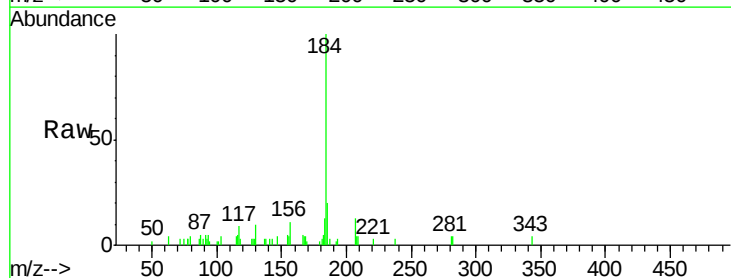
Tgt Ion:184 Resp: 9940

Ion Ratio Lower Upper

184 100

185 19.7 12.6 18.8#

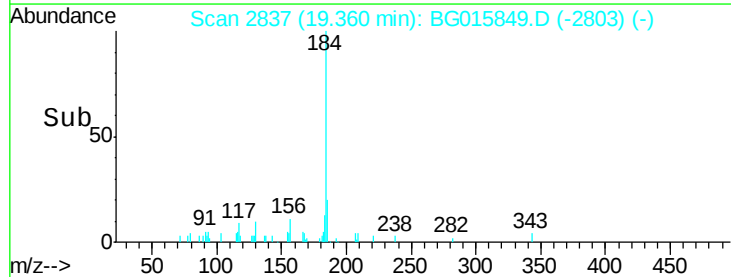
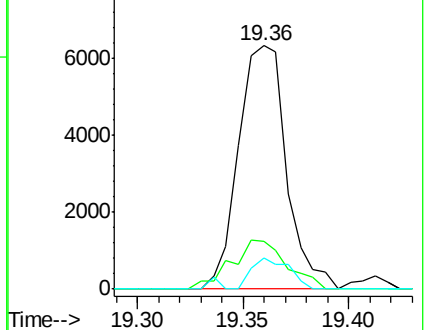
183 12.6 8.4 12.6

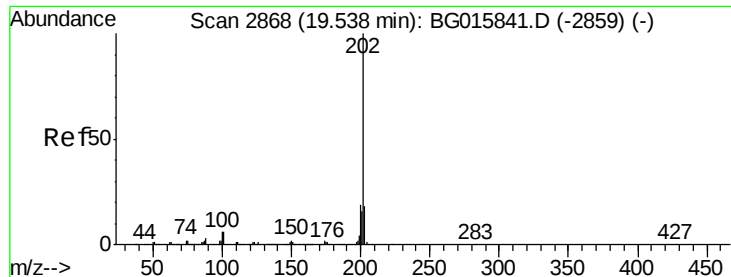


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 3.62 ng

RT: 19.54 min Scan# 2867

Delta R.T. 0.00 min

Lab File: BG015849.D

Acq: 5 Jan 2015 19:01

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

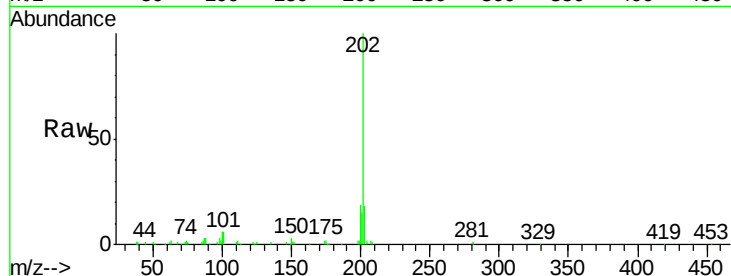
Tgt Ion:202 Resp: 56331

Ion Ratio Lower Upper

202 100

200 19.4 15.1 22.7

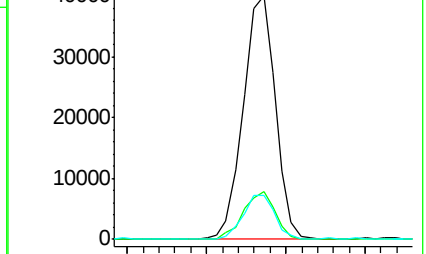
203 18.2 14.2 21.4



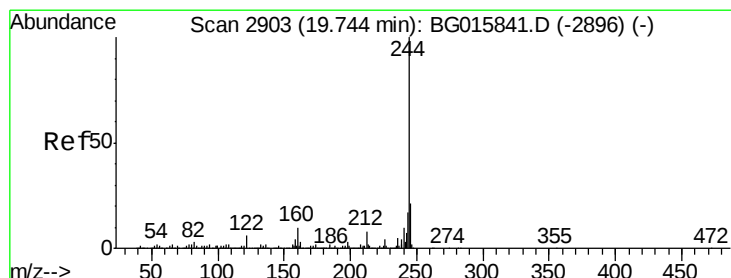
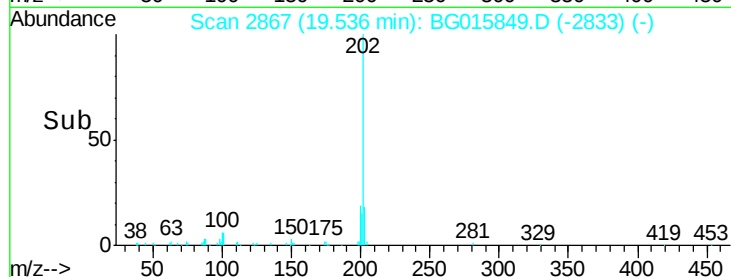
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time--> 19.45 19.50 19.55 19.60



#78

Terphenyl-d14

Concen: 37.67 ng

RT: 19.74 min Scan# 2902

Delta R.T. 0.00 min

Lab File: BG015849.D

Acq: 5 Jan 2015 19:01

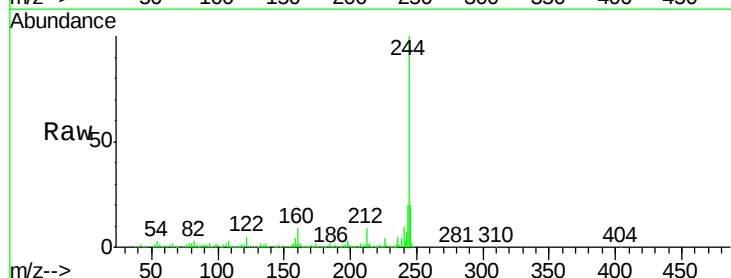
Tgt Ion:244 Resp: 981210

Ion Ratio Lower Upper

244 100

212 8.6 6.6 9.8

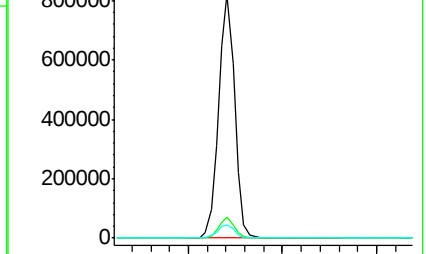
122 5.5 4.7 7.1



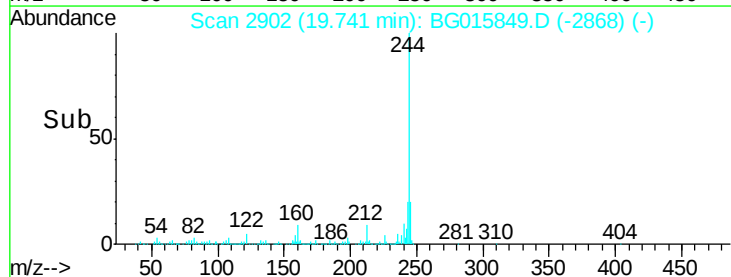
Abundance Ion 244.00 (243.70 to 244.70): E

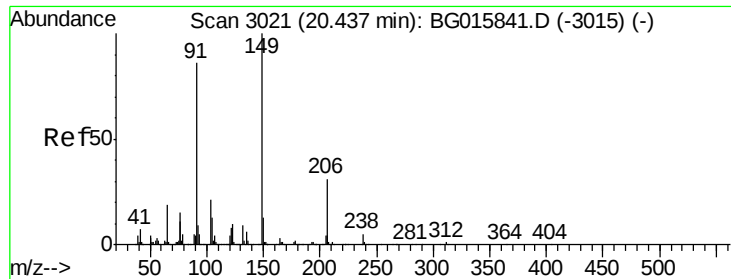
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 19.70 19.80 19.90

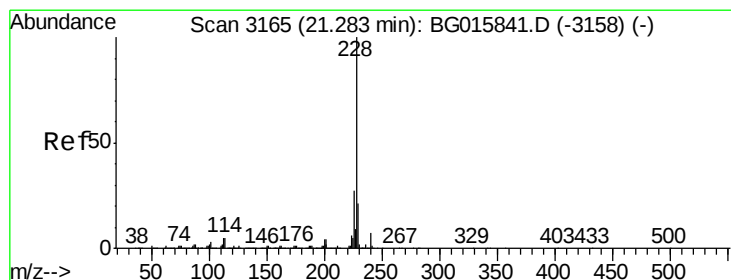
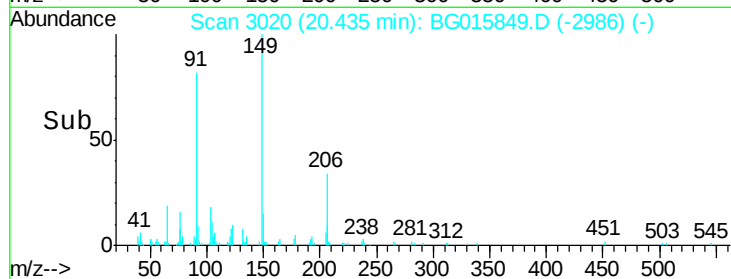
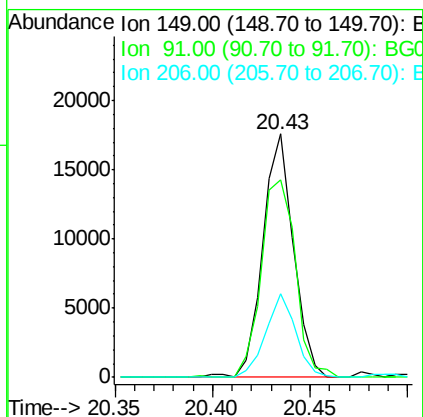
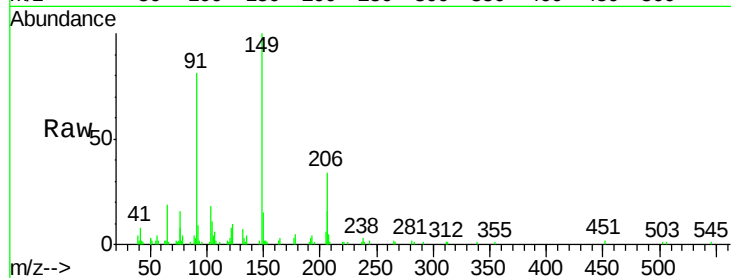




#79
Butylbenzylphthalate
Concen: 3.27 ng
RT: 20.43 min Scan# 3020
Delta R.T. 0.00 min
Lab File: BG015849.D
Acq: 5 Jan 2015 19:01

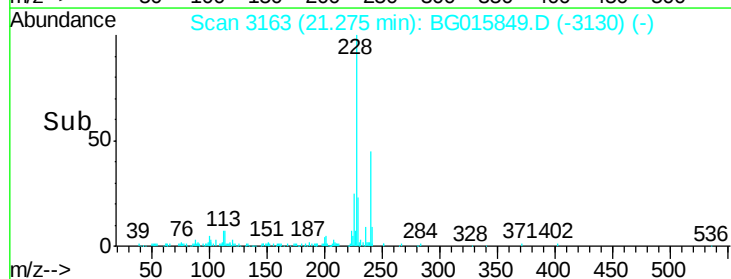
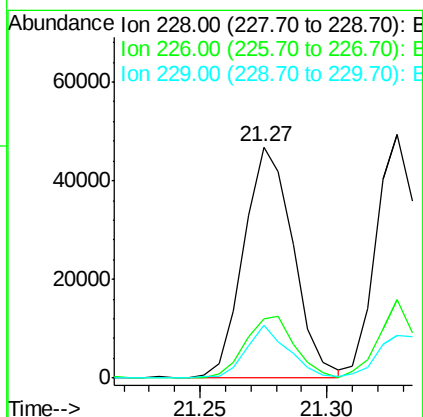
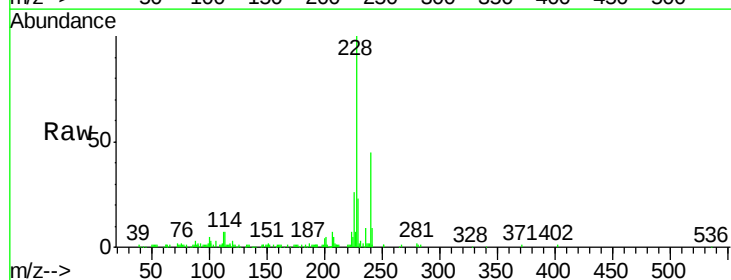
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

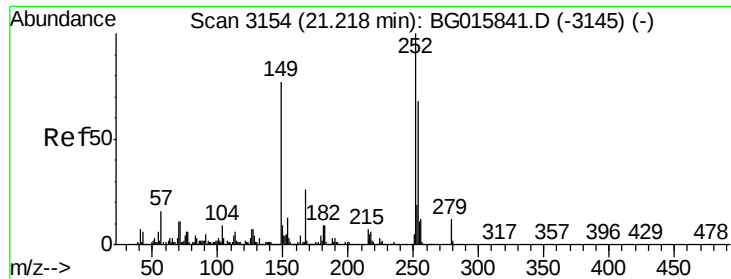
Tgt Ion:149 Resp: 19092
Ion Ratio Lower Upper
149 100
91 81.2 68.4 102.6
206 34.1 24.9 37.3



#80
Benzo(a)anthracene
Concen: 3.69 ng
RT: 21.27 min Scan# 3163
Delta R.T. -0.00 min
Lab File: BG015849.D
Acq: 5 Jan 2015 19:01

Tgt Ion:228 Resp: 63765
Ion Ratio Lower Upper
228 100
226 25.6 21.4 32.2
229 22.8 16.8 25.2





#81

3,3'-Dichlorobenzidine

Concen: 2.56 ng

RT: 21.21 min Scan# 3152

Delta R.T. -0.00 min

Lab File: BG015849.D

Acq: 5 Jan 2015 19:01

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

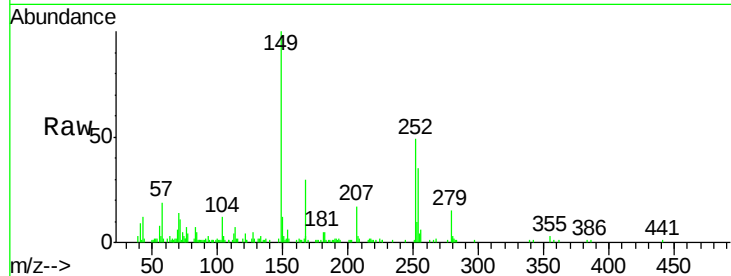
Tgt Ion:252 Resp: 16243

Ion Ratio Lower Upper

252 100

254 71.2 54.0 81.0

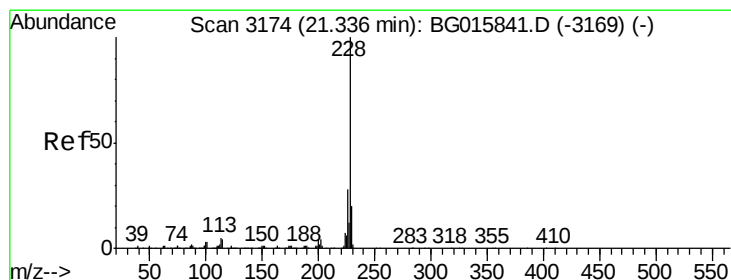
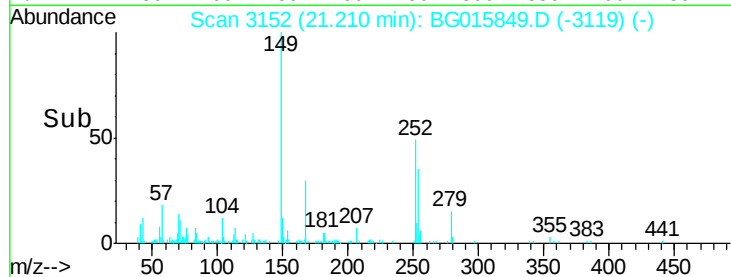
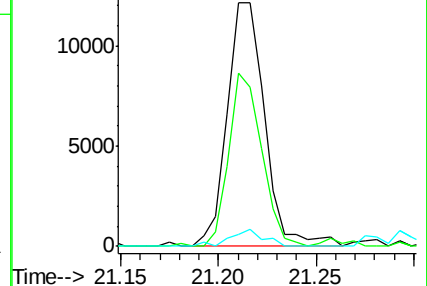
126 5.0 5.8 8.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 3.71 ng

RT: 21.33 min Scan# 3172

Delta R.T. -0.00 min

Lab File: BG015849.D

Acq: 5 Jan 2015 19:01

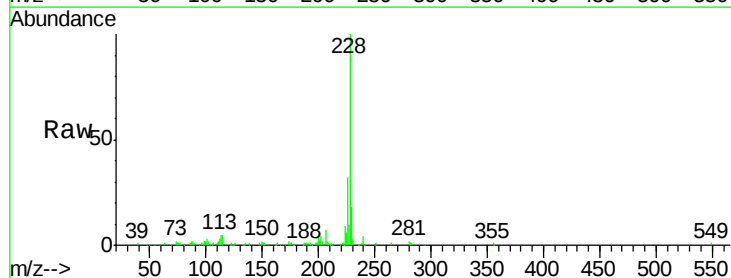
Tgt Ion:228 Resp: 58918

Ion Ratio Lower Upper

228 100

226 32.1 22.5 33.7

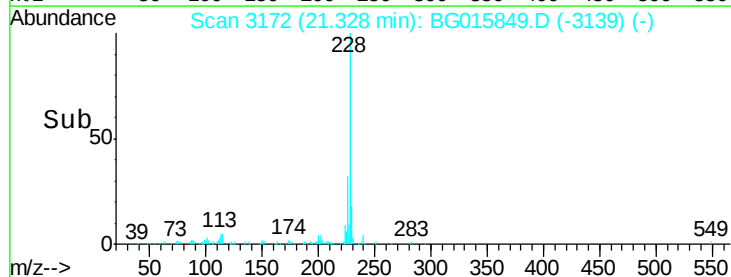
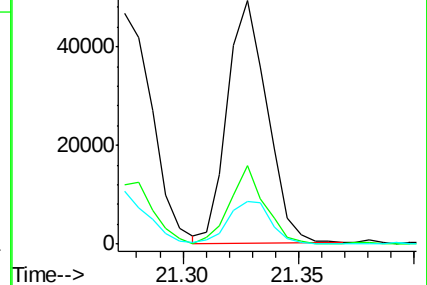
229 17.7 15.8 23.6

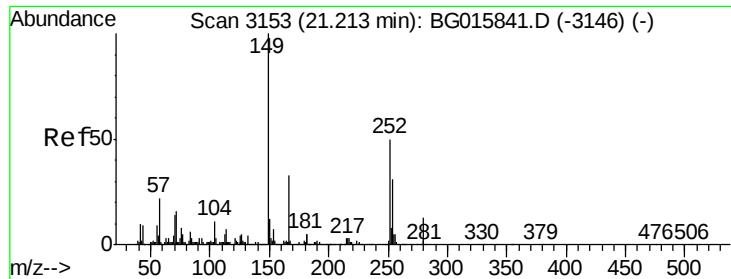


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

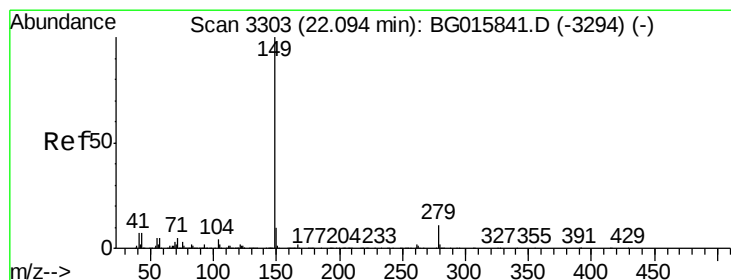
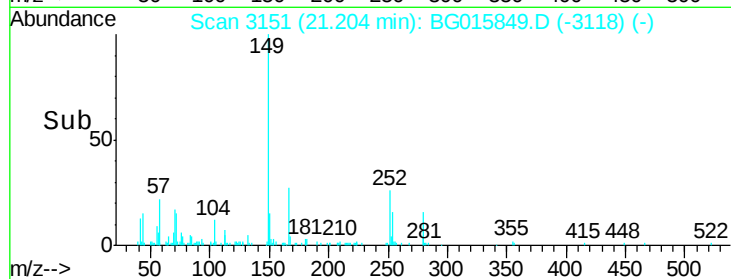
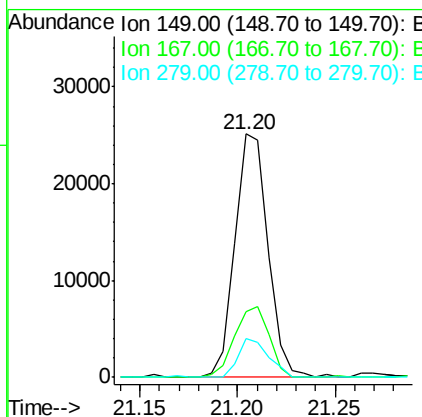
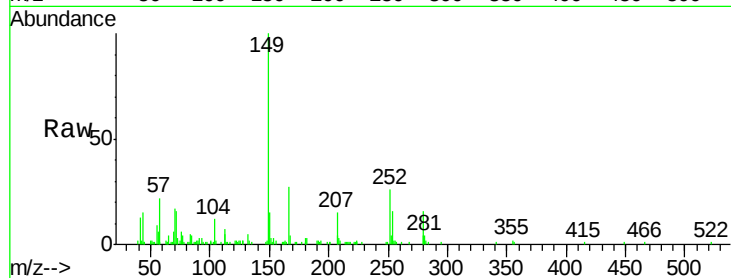




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.48 ng
 RT: 21.20 min Scan# 3151
 Delta R.T. -0.00 min
 Lab File: BG015849.D
 Acq: 5 Jan 2015 19:01

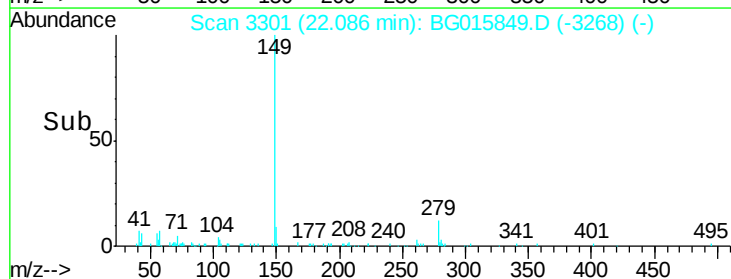
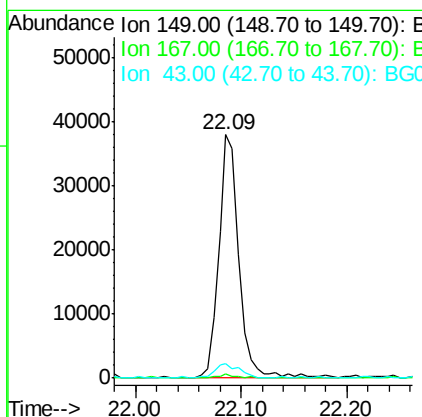
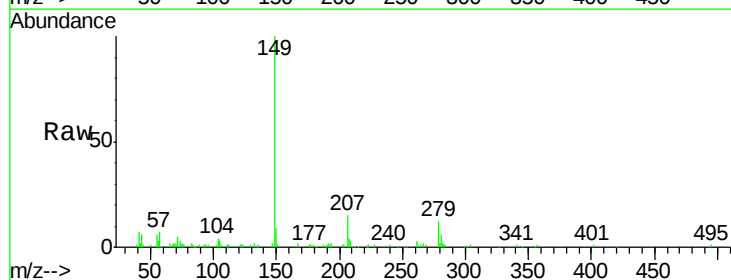
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

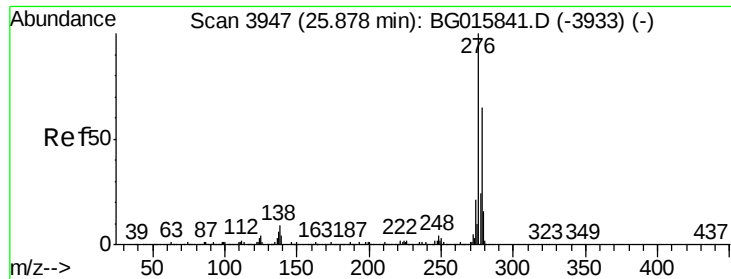
Tgt Ion:149 Resp: 29503
 Ion Ratio Lower Upper
 149 100
 167 27.0 26.2 39.2
 279 15.7 10.5 15.7



#84
 Di-n-octyl phthalate
 Concen: 3.69 ng
 RT: 22.09 min Scan# 3301
 Delta R.T. -0.00 min
 Lab File: BG015849.D
 Acq: 5 Jan 2015 19:01

Tgt Ion:149 Resp: 50882
 Ion Ratio Lower Upper
 149 100
 167 1.2 1.6 2.4#
 43 7.2 5.9 8.9

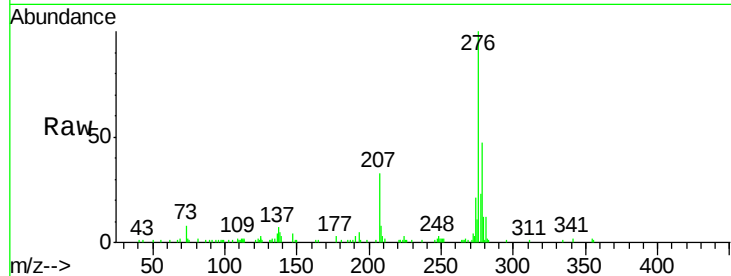




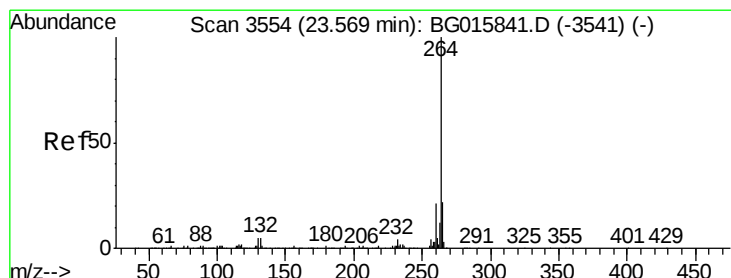
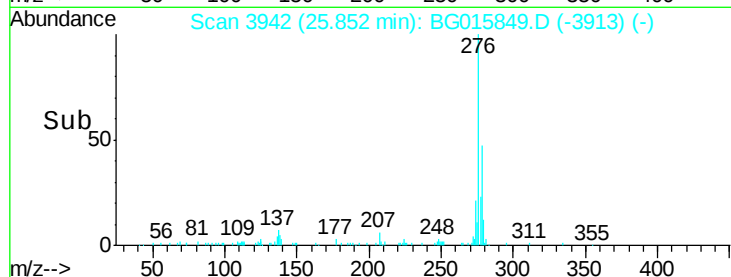
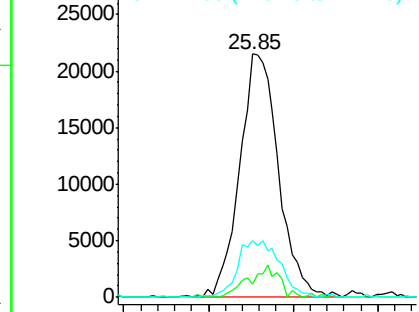
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 3.66 ng
 RT: 25.85 min Scan# 3942
 Delta R.T. -0.03 min
 Lab File: BG015849.D
 Acq: 5 Jan 2015 19:01

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

Tgt Ion:276 Resp: 68641
 Ion Ratio Lower Upper
 276 100
 138 10.2 7.8 11.6
 277 25.1 20.6 31.0

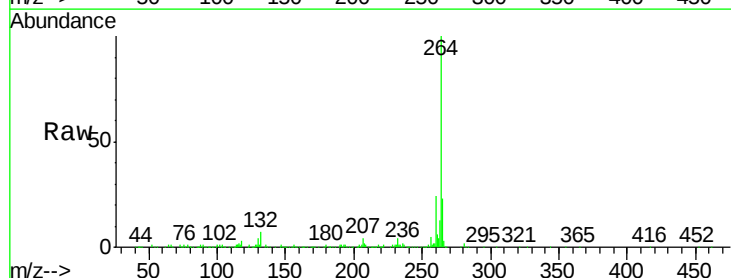


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

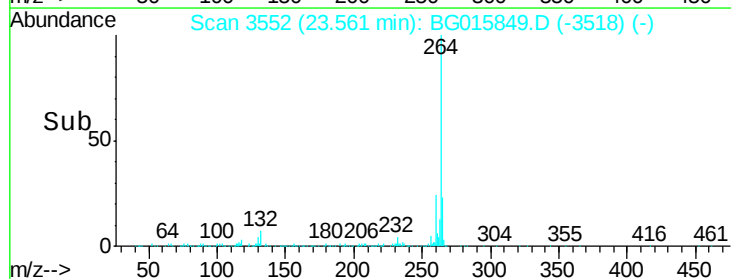
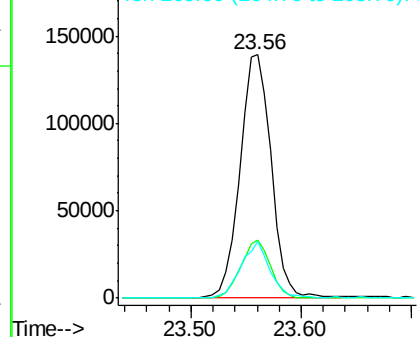


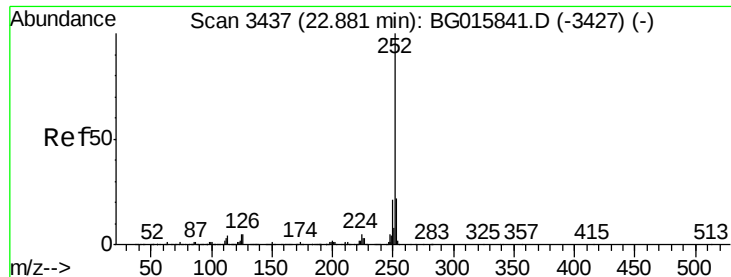
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.56 min Scan# 3552
 Delta R.T. 0.00 min
 Lab File: BG015849.D
 Acq: 5 Jan 2015 19:01

Tgt Ion:264 Resp: 276423
 Ion Ratio Lower Upper
 264 100
 260 23.8 17.0 25.4
 265 23.3 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: 3.67 ng

RT: 22.87 min Scan# 3435

Delta R.T. -0.00 min

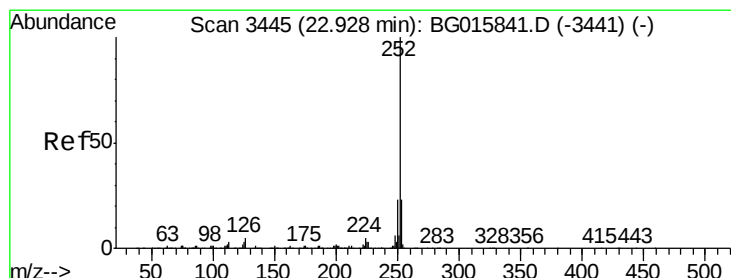
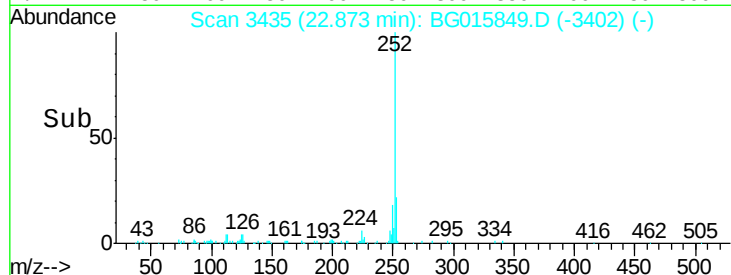
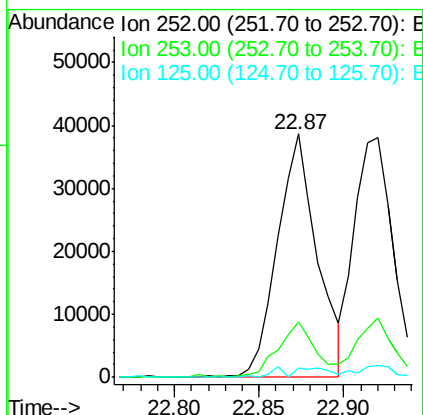
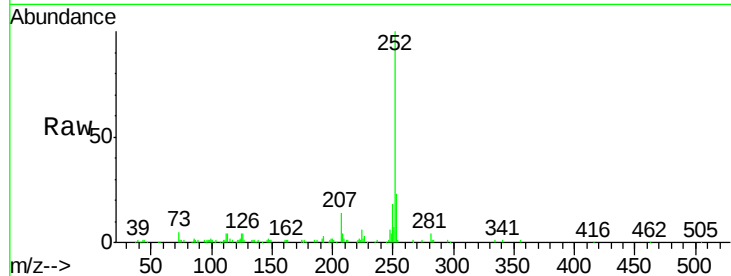
Lab File: BG015849.D

Acq: 5 Jan 2015 19:01

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:252 Resp: 63291

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.8
125	3.8	3.6	5.4



#88

Benzo(k)fluoranthene

Concen: 3.81 ng

RT: 22.87 min Scan# 3435

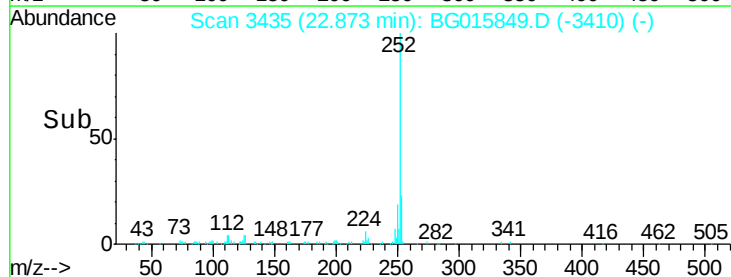
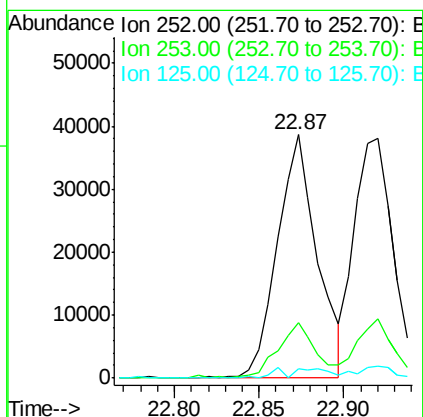
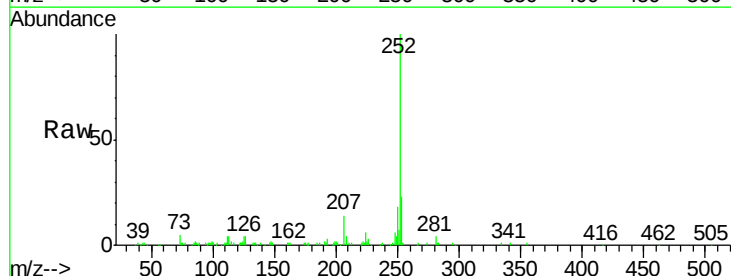
Delta R.T. -0.05 min

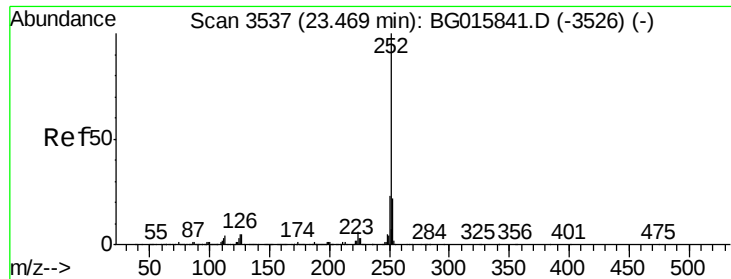
Lab File: BG015849.D

Acq: 5 Jan 2015 19:01

Tgt Ion:252 Resp: 63291

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.2
125	3.8	3.0	4.6





#89

Benzo(a)pyrene

Concen: 3.73 ng

RT: 23.45 min Scan# 3534

Delta R.T. -0.01 min

Lab File: BG015849.D

Acq: 5 Jan 2015 19:01

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

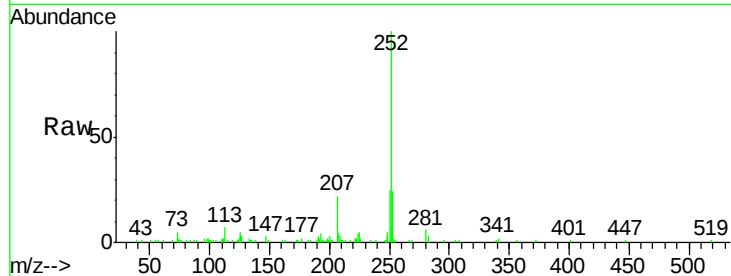
Tgt Ion:252 Resp: 57918

Ion Ratio Lower Upper

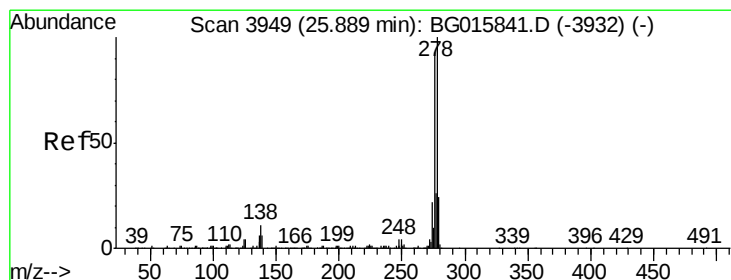
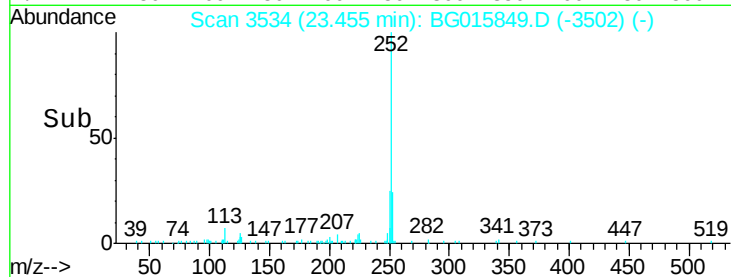
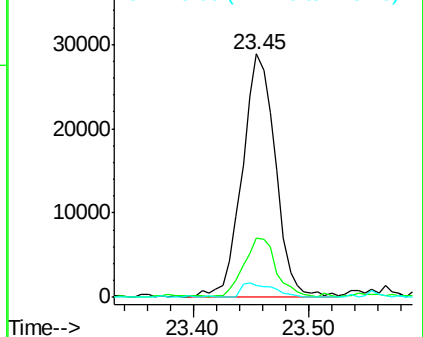
252 100

253 24.4 17.9 26.9

125 4.8 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: 3.66 ng

RT: 25.87 min Scan# 3945

Delta R.T. -0.02 min

Lab File: BG015849.D

Acq: 5 Jan 2015 19:01

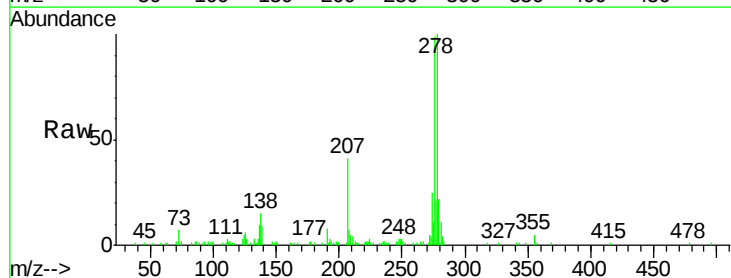
Tgt Ion:278 Resp: 55879

Ion Ratio Lower Upper

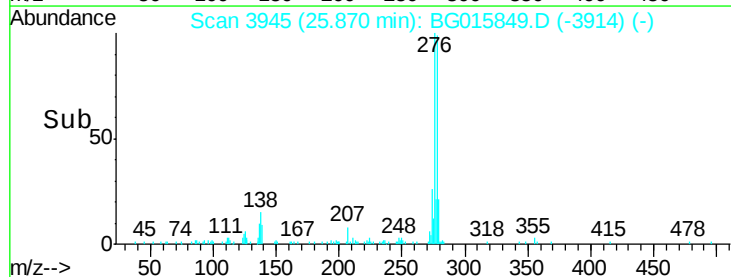
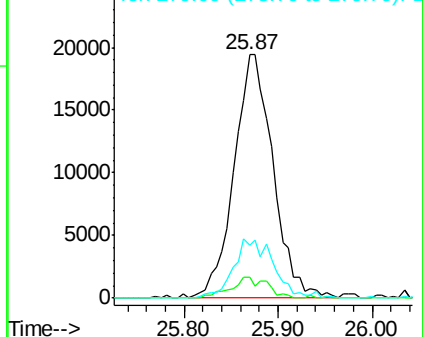
278 100

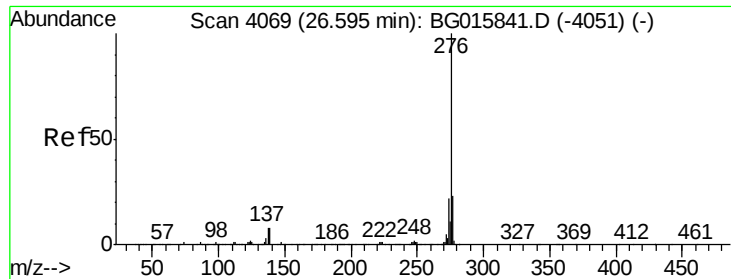
139 8.5 4.9 7.3#

279 21.8 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: 3.83 ng
 RT: 26.57 min Scan# 4064
 Delta R.T. -0.02 min
 Lab File: BG015849.D
 Acq: 5 Jan 2015 19:01

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

Tgt Ion: 276 Resp: 58117
 Ion Ratio Lower Upper
 276 100
 277 19.9 18.2 27.2
 138 9.4 6.4 9.6

