

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032615\
 Data File : BG016142.D
 Acq On : 26 Mar 2015 16:20
 Operator : TP/IZ
 Sample : G1614-03
 Misc : LOD-SOIL-8PPM
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

Quant Time: Mar 27 02:39:49 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 03:23:37 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	47765	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	208176	20.00	ng	0.00
38) Acenaphthene-d10	14.41	164	130202	20.00	ng	0.00
63) Phenanthrene-d10	17.16	188	295353	20.00	ng	0.00
75) Chrysene-d12	21.32	240	328203	20.00	ng	0.00
86) Perylene-d12	23.61	264	311886	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	404005	141.56	ng	0.00
7) Phenol-d6	6.97	99	550921	138.68	ng	0.01
23) Nitrobenzene-d5	8.95	82	276951	82.49	ng	0.00
41) 2,4,6-Tribromophenol	15.90	330	215836	144.36	ng	0.00
44) 2-Fluorobiphenyl	13.04	172	705511	90.70	ng	0.00
78) Terphenyl-d14	19.78	244	1158487	88.90	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.30	88	8194	7.11 ng	90
3) Pyridine	3.69	79	21280	5.91 ng	95
4) n-Nitrosodimethylamine	3.61	42	6672	6.29 ng	# 96
6) Aniline	7.12	93	35171	6.21 ng	98
8) 2-Chlorophenol	7.36	128	25216	7.45 ng	95
9) Benzaldehyde	6.94	77	18834	11.35 ng	94
10) Phenol	6.99	94	32248	7.39 ng	98
11) bis(2-Chloroethyl)ether	7.22	93	23042	6.51 ng	98
12) 1,3-Dichlorobenzene	7.68	146	24835	6.79 ng	99
13) 1,4-Dichlorobenzene	7.83	146	24523	6.46 ng	98
14) 1,2-Dichlorobenzene	8.14	146	24396	6.80 ng	98
15) Benzyl Alcohol	8.03	79	17088	5.82 ng	97
16) 2,2'-oxybis(1-Chloropropan	8.33	45	23204	5.83 ng	99
17) 2-Methylphenol	8.23	107	20679	6.72 ng	98
18) Hexachloroethane	8.86	117	8504	6.25 ng	97
19) n-Nitroso-di-n-propylamine	8.59	70	16082	5.53 ng	94
20) 3+4-Methylphenols	8.56	107	27645	6.62 ng	94
22) Acetophenone	8.61	105	32156	6.87 ng	# 99
24) Nitrobenzene	8.99	77	24450	6.76 ng	98
25) Isophorone	9.50	82	45129	5.92 ng	98
26) 2-Nitrophenol	9.70	139	12228	6.24 ng	97
27) 2,4-Dimethylphenol	9.76	122	23271	7.09 ng	93
28) bis(2-Chloroethoxy)methane	9.99	93	29155	6.67 ng	96
29) 2,4-Dichlorophenol	10.23	162	21613	7.49 ng	98
30) 1,2,4-Trichlorobenzene	10.44	180	21139	6.80 ng	98
31) Naphthalene	10.63	128	75859	6.80 ng	100
32) Benzoic acid	9.81	122	7632	8.41 ng	97
33) 4-Chloroaniline	10.74	127	32039	6.56 ng	98
34) Hexachlorobutadiene	10.91	225	11244	6.65 ng	98
35) Caprolactam	11.48	113	9209	5.87 ng	92
36) 4-Chloro-3-methylphenol	11.86	107	23751	6.97 ng	96
37) 2-Methylnaphthalene	12.24	142	53648	6.74 ng	96
39) 1,2,4,5-Tetrachlorobenzene	12.60	216	23836	7.27 ng	99
40) Hexachlorocyclopentadiene	12.59	237	11967	6.24 ng	91

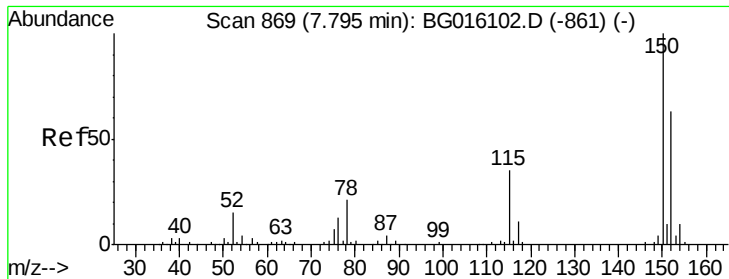
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032615\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.85	196	16217	6.92	ng	97
43) 2,4,5-Trichlorophenol	12.92	196	18353	7.18	ng	98
45) 1,1'-Biphenyl	13.25	154	69569	7.29	ng	98
46) 2-Chloronaphthalene	13.29	162	51695	6.94	ng	99
47) 2-Nitroaniline	13.49	65	13195	6.17	ng	99
48) Acenaphthylene	14.14	152	91762	6.74	ng	98
49) Dimethylphthalate	13.87	163	65047	7.12	ng	99
50) 2,6-Dinitrotoluene	13.99	165	15303	7.07	ng	96
51) Acenaphthene	14.48	154	54440	6.63	ng	98
52) 3-Nitroaniline	14.32	138	17667	6.66	ng	92
53) 2,4-Dinitrophenol	14.53	184	2372	7.03	ng	95
54) Dibenzofuran	14.81	168	85259	7.43	ng	97
55) 4-Nitrophenol	14.63	139	13008	6.06	ng	90
56) 2,4-Dinitrotoluene	14.77	165	19571	6.60	ng	95
57) Fluorene	15.46	166	71845	7.02	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.04	232	16205	7.12	ng	# 98
59) Diethylphthalate	15.24	149	66435	7.08	ng	99
60) 4-Chlorophenyl-phenylether	15.45	204	33002	7.33	ng	99
61) 4-Nitroaniline	15.48	138	19839	6.61	ng	98
62) Azobenzene	15.75	77	65341	6.76	ng	97
64) 4,6-Dinitro-2-methylphenol	15.54	198	6461	3.29	ng	92
65) n-Nitrosodiphenylamine	15.67	169	64226	6.82	ng	98
66) 4-Bromophenyl-phenylether	16.35	248	20805	6.86	ng	96
67) Hexachlorobenzene	16.46	284	23735	6.97	ng	96
68) Atrazine	16.62	200	20881	7.45	ng	98
69) Pentachlorophenol	16.81	266	9912	5.10	ng	98
70) Phenanthrene	17.19	178	118139	7.13	ng	96
71) Anthracene	17.29	178	115975	7.04	ng	99
72) Carbazole	17.56	167	115302	7.13	ng	96
73) Di-n-butylphthalate	18.12	149	128180	7.01	ng	98
74) Fluoranthene	19.21	202	135421	7.34	ng	97
76) Benzidine	19.40	184	57453	6.68	ng	100
77) Pyrene	19.57	202	142417	7.04	ng	97
79) Butylbenzylphthalate	20.46	149	54097	6.41	ng	97
80) Benzo(a)anthracene	21.31	228	130423	7.01	ng	96
81) 3,3'-Dichlorobenzidine	21.25	252	40852	6.31	ng	97
82) Chrysene	21.36	228	128065	7.51	ng	94
83) Bis(2-ethylhexyl)phthalate	21.24	149	73372	6.33	ng	# 97
84) Di-n-octyl phthalate	22.13	149	121301	6.21	ng	100
85) Indeno(1,2,3-cd)pyrene	25.94	276	140645	6.41	ng	98
87) Benzo(b)fluoranthene	22.91	252	122923	6.81	ng	100
88) Benzo(k)fluoranthene	22.96	252	124818	7.10	ng	98
89) Benzo(a)pyrene	23.51	252	119788	7.12	ng	99
90) Dibenzo(a,h)anthracene	25.96	278	116366	6.64	ng	97
91) Benzo(g,h,i)perylene	26.66	276	115545	6.65	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.79 min Scan# 869

Delta R.T. 0.01 min

Lab File: BG016142.D

Acq: 26 Mar 2015 16:20

Instrument :

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ClientSampleId :

LOD-SOIL2015-01

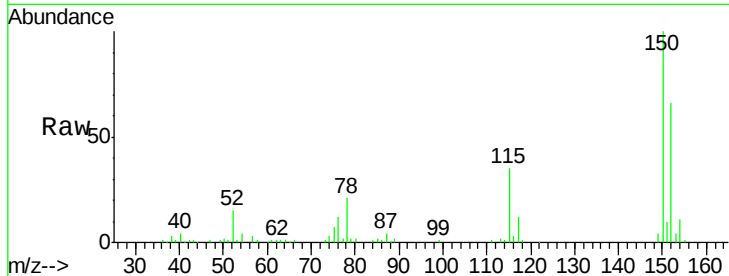
Tgt Ion:152 Resp: 47765

Ion Ratio Lower Upper

152 100

150 152.3 126.1 189.1

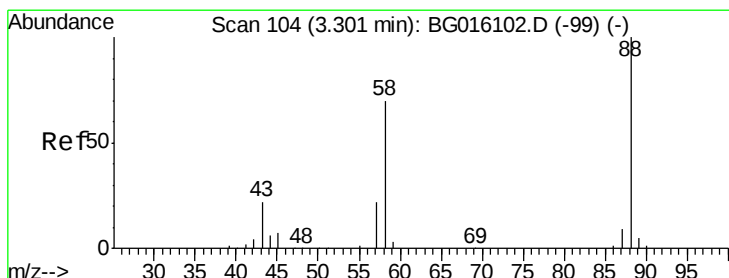
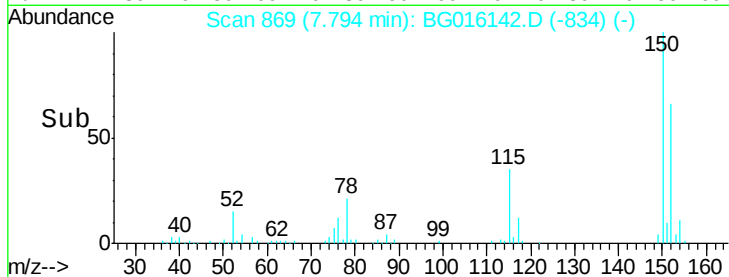
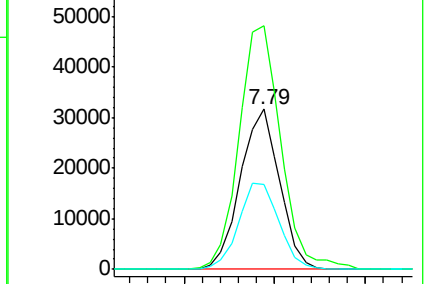
115 52.7 43.7 65.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 7.11 ng

RT: 3.30 min Scan# 104

Delta R.T. 0.01 min

Lab File: BG016142.D

Acq: 26 Mar 2015 16:20

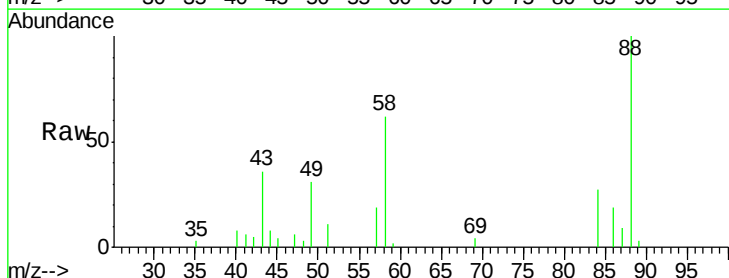
Tgt Ion: 88 Resp: 8194

Ion Ratio Lower Upper

88 100

58 59.0 54.2 81.4

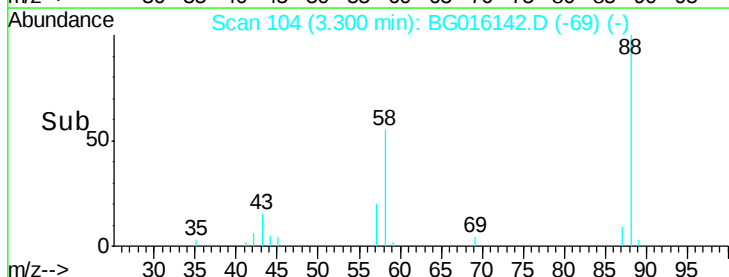
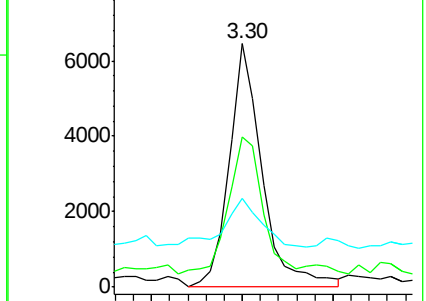
43 25.1 17.4 26.2

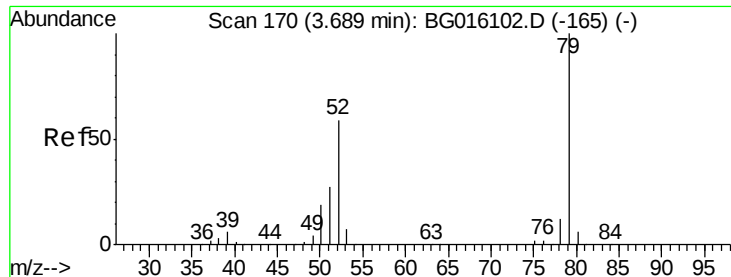


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 5.91 ng

RT: 3.69 min Scan# 171

Delta R.T. 0.01 min

Lab File: BG016142.D

Acq: 26 Mar 2015 16:20

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

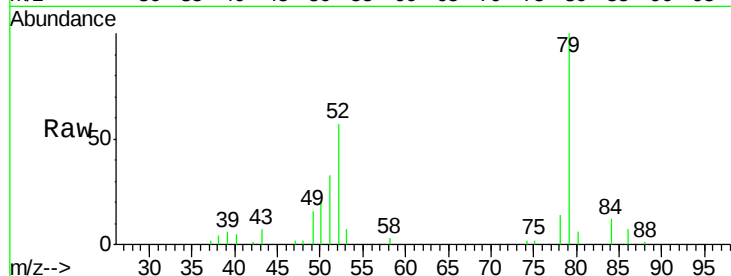
Tgt Ion: 79 Resp: 21280

Ion Ratio Lower Upper

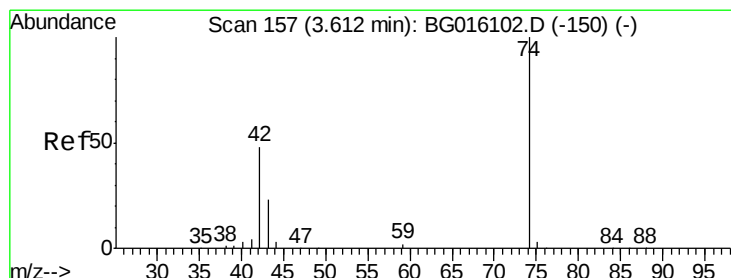
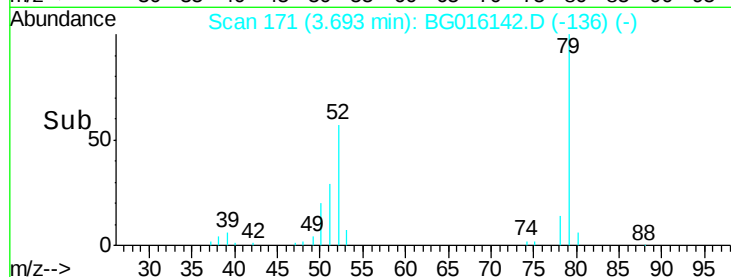
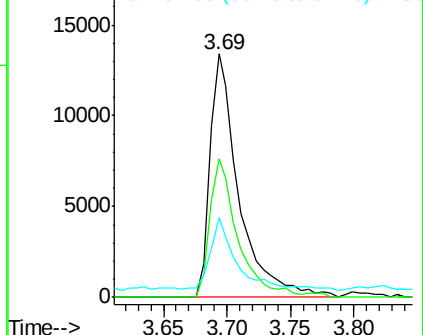
79 100

52 56.8 47.0 70.4

51 32.6 21.9 32.9



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 6.29 ng

RT: 3.61 min Scan# 157

Delta R.T. 0.01 min

Lab File: BG016142.D

Acq: 26 Mar 2015 16:20

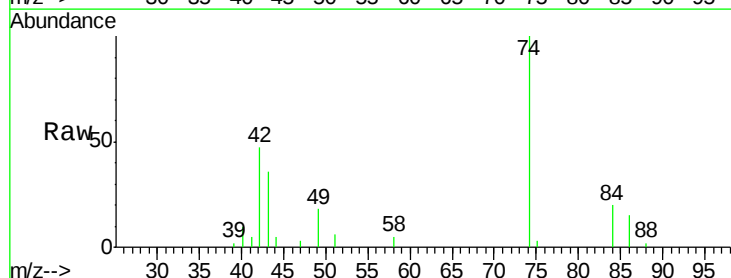
Tgt Ion: 42 Resp: 6672

Ion Ratio Lower Upper

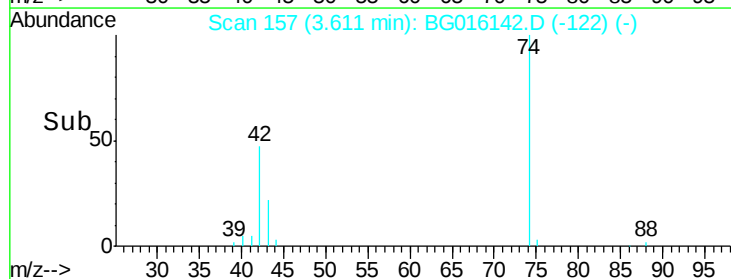
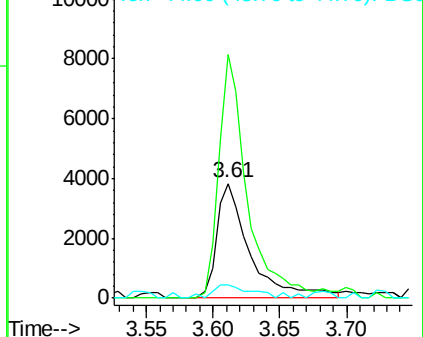
42 100

74 212.7 165.3 247.9

44 11.2 5.3 7.9#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 141.56 ng

RT: 5.38 min Scan# 458

Delta R.T. 0.01 min

Lab File: BG016142.D

Acq: 26 Mar 2015 16:20

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

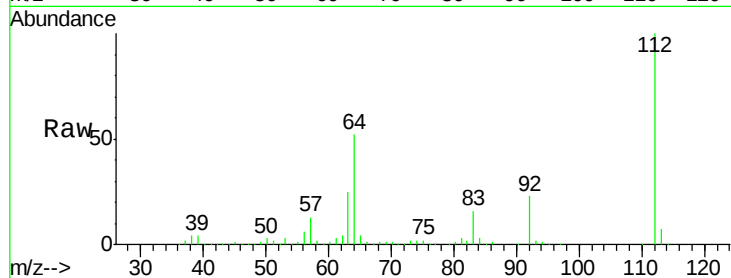
Tgt Ion: 112 Resp: 404005

Ion Ratio Lower Upper

112 100

64 51.9 42.6 64.0

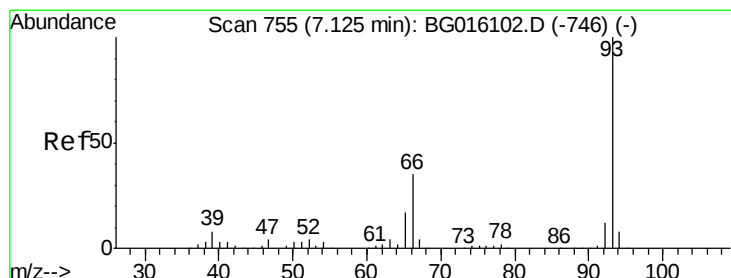
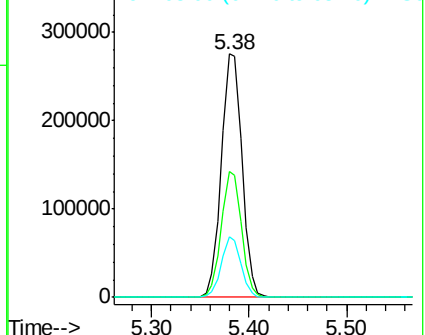
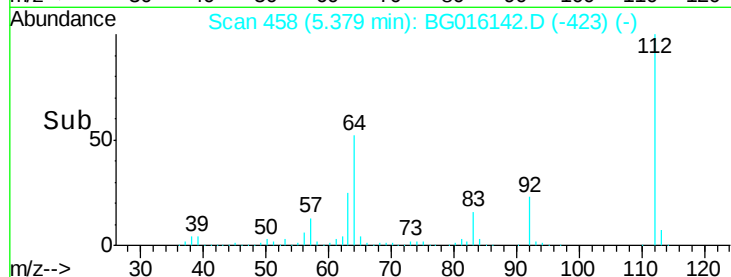
63 24.8 19.9 29.9



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 6.21 ng

RT: 7.12 min Scan# 755

Delta R.T. 0.01 min

Lab File: BG016142.D

Acq: 26 Mar 2015 16:20

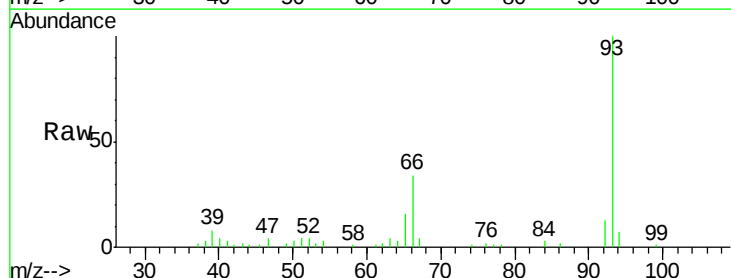
Tgt Ion: 93 Resp: 35171

Ion Ratio Lower Upper

93 100

66 33.7 27.8 41.6

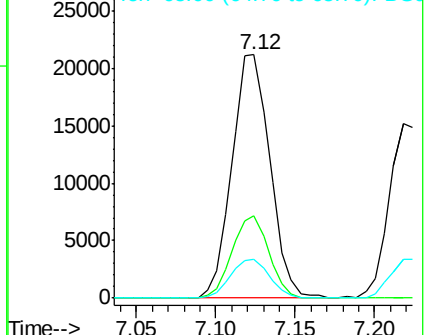
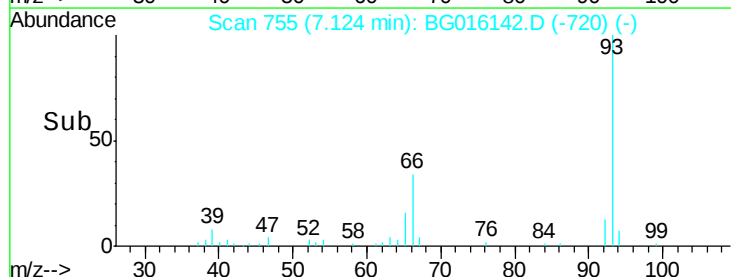
65 15.8 13.9 20.9

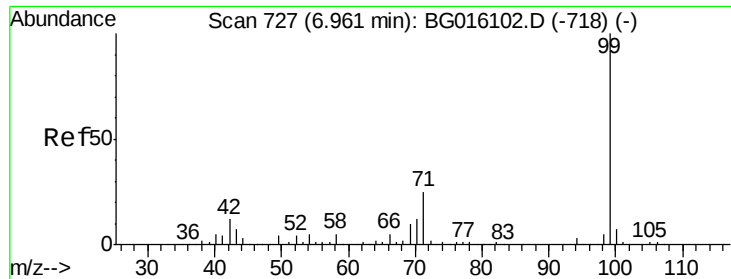


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 138.68 ng

RT: 6.97 min Scan# 728

Delta R.T. 0.01 min

Lab File: BG016142.D

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LOD-SOIL2015-01

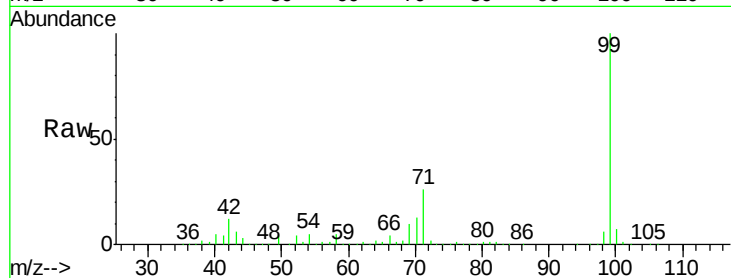
Tgt Ion: 99 Resp: 550921

Ion Ratio Lower Upper

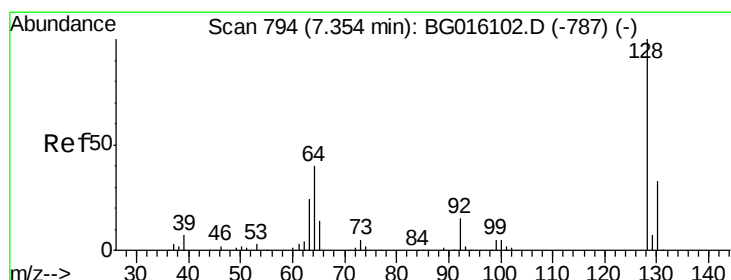
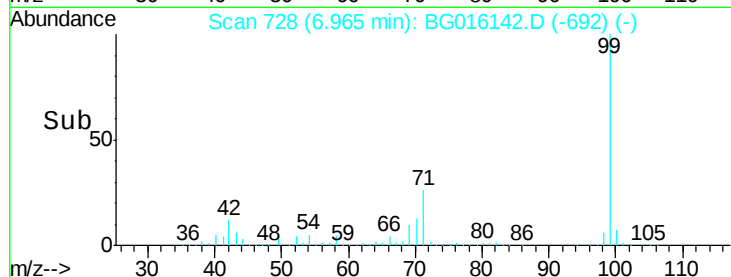
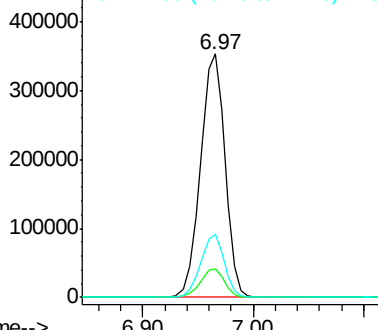
99 100

42 11.6 9.4 14.0

71 25.9 19.9 29.9



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: 7.45 ng

RT: 7.36 min Scan# 795

Delta R.T. 0.01 min

Lab File: BG016142.D

Acq: 26 Mar 2015 16:20

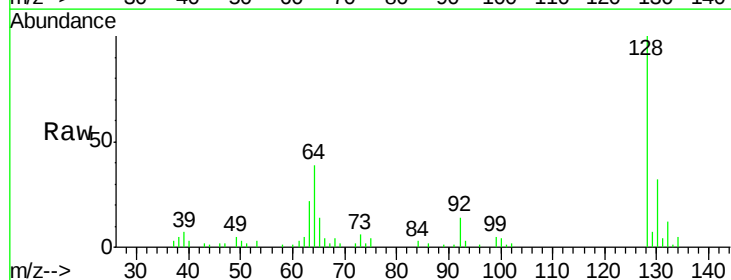
Tgt Ion: 128 Resp: 25216

Ion Ratio Lower Upper

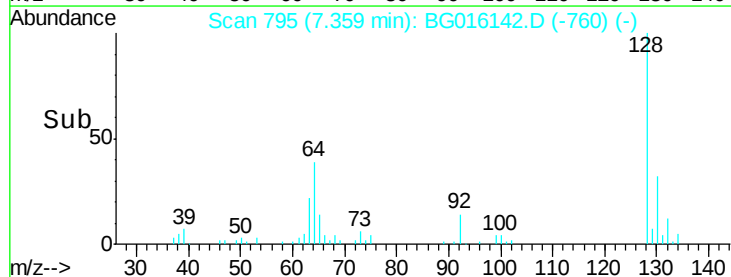
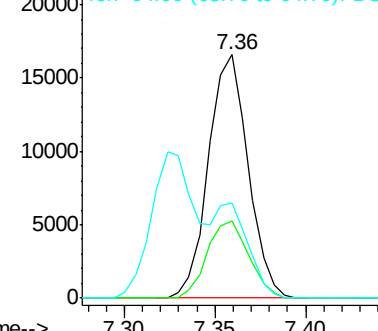
128 100

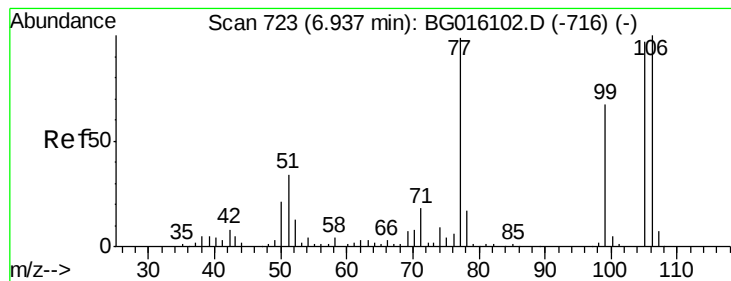
130 31.5 12.5 52.5

64 39.1 23.4 63.4



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: 11.35 ng

RT: 6.94 min Scan# 723

Delta R.T. 0.01 min

Lab File: BG016142.D

Acq: 26 Mar 2015 16:20

Instrument :

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LOD-SOIL2015-01

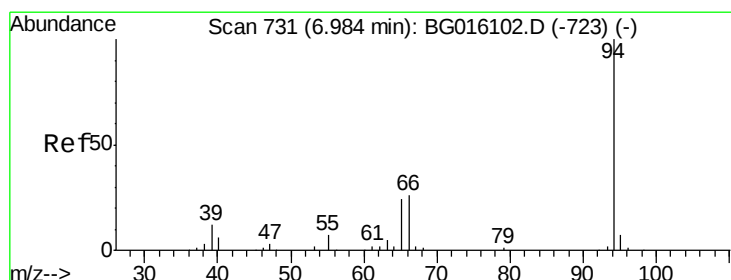
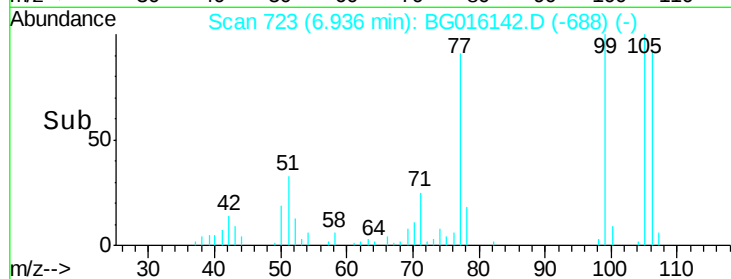
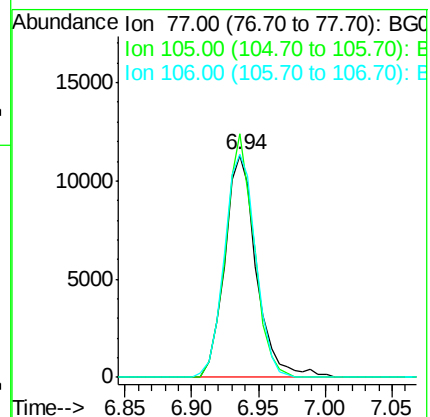
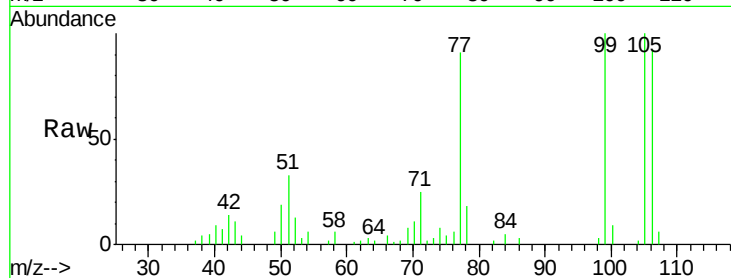
Tgt Ion: 77 Resp: 18834

Ion Ratio Lower Upper

77 100

105 109.5 78.1 118.1

106 100.6 81.0 121.0



#10

Phenol

Concen: 7.39 ng

RT: 6.99 min Scan# 732

Delta R.T. 0.01 min

Lab File: BG016142.D

Acq: 26 Mar 2015 16:20

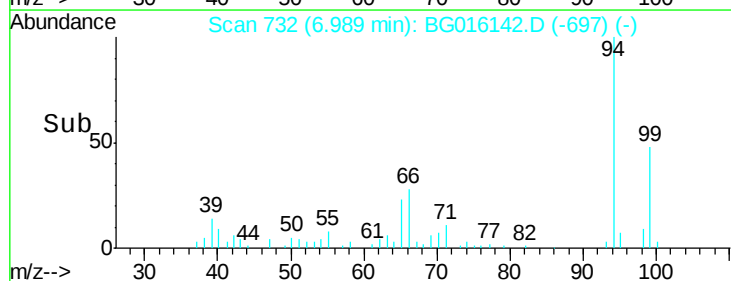
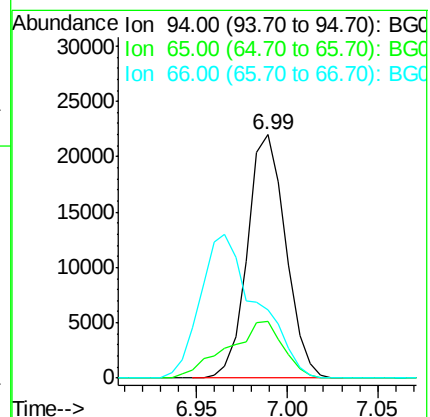
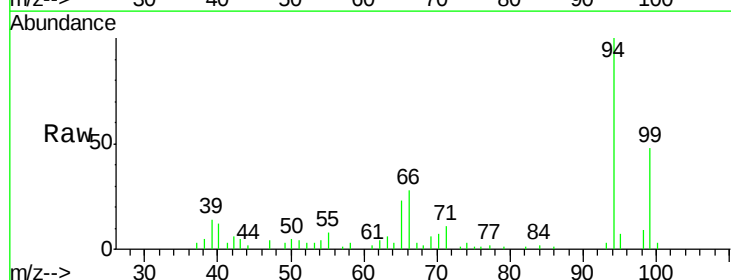
Tgt Ion: 94 Resp: 32248

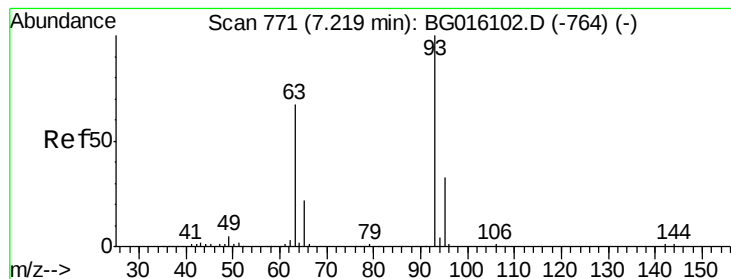
Ion Ratio Lower Upper

94 100

65 23.2 4.0 44.0

66 28.2 7.4 47.4





#11

bis(2-Chloroethyl)ether

Concen: 6.51 ng

RT: 7.22 min Scan# 771

Delta R.T. 0.01 min

Lab File: BG016142.D

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Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

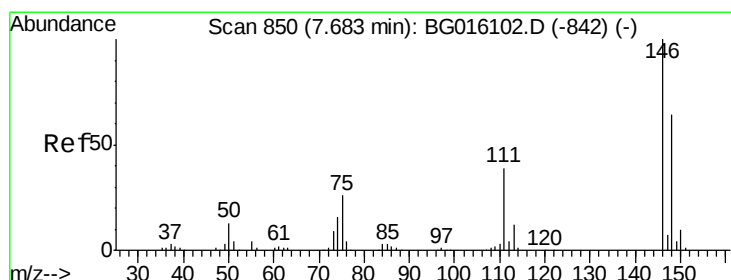
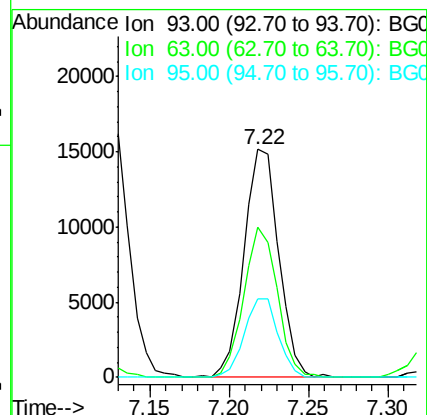
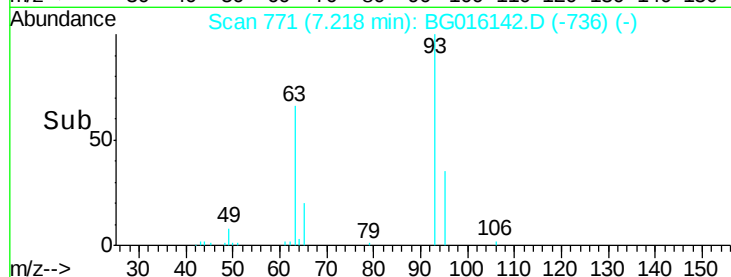
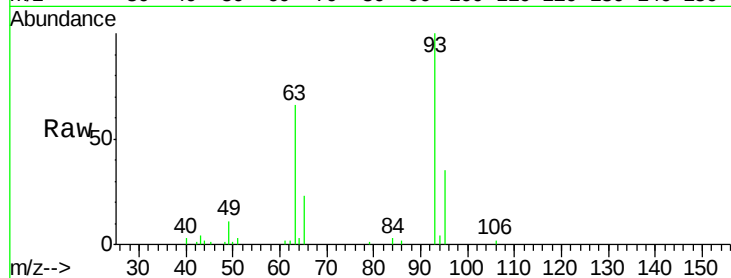
Tgt Ion: 93 Resp: 23042

Ion Ratio Lower Upper

93 100

63 65.6 46.5 86.5

95 34.5 12.5 52.5



#12

1,3-Dichlorobenzene

Concen: 6.79 ng

RT: 7.68 min Scan# 850

Delta R.T. 0.01 min

Lab File: BG016142.D

Acq: 26 Mar 2015 16:20

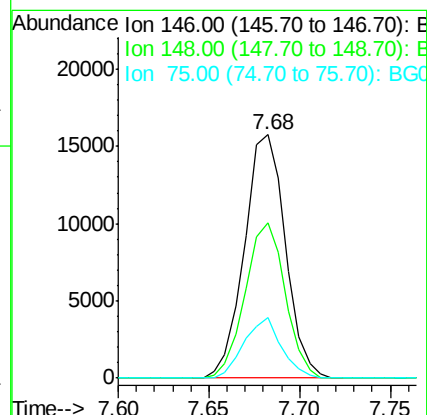
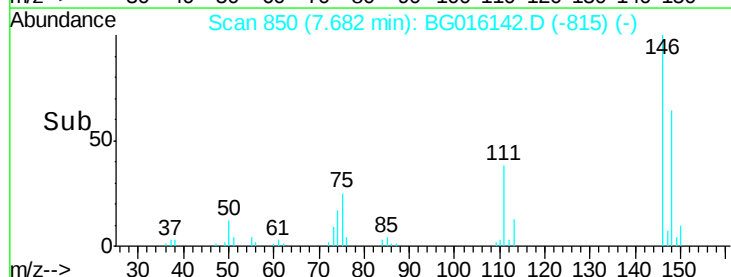
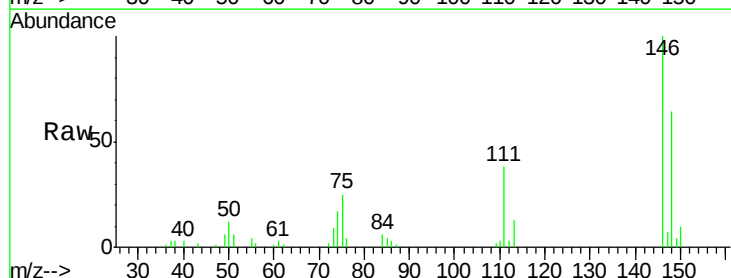
Tgt Ion: 146 Resp: 24835

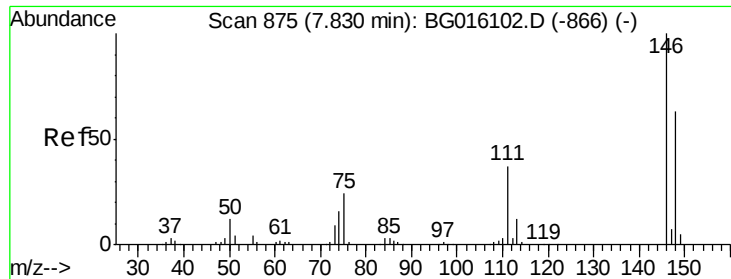
Ion Ratio Lower Upper

146 100

148 63.8 51.2 76.8

75 25.0 20.5 30.7

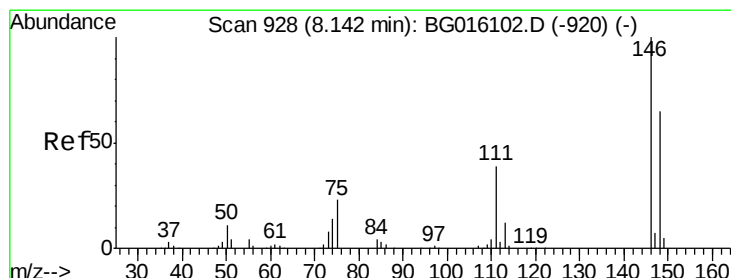
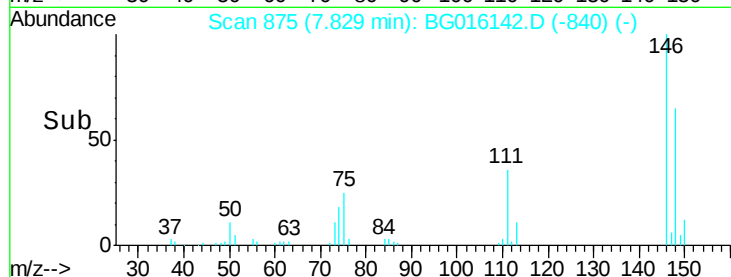
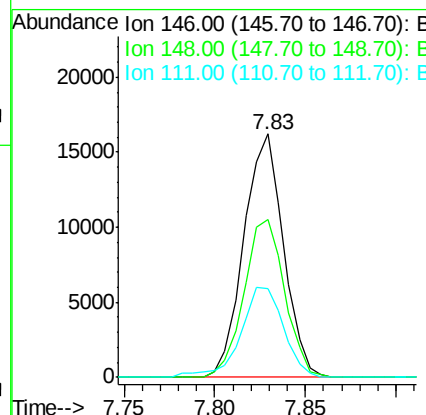
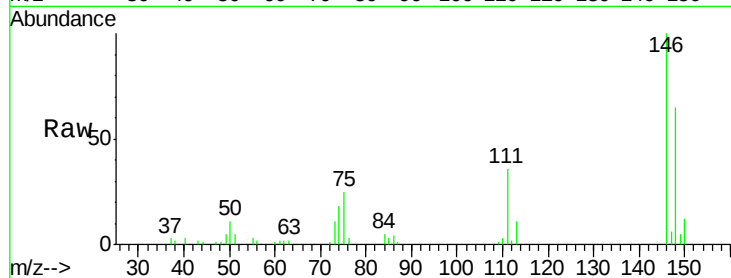




#13
 1,4-Dichlorobenzene
 Concen: 6.46 ng
 RT: 7.83 min Scan# 875
 Delta R.T. 0.01 min
 Lab File: BG016142.D
 Acq: 26 Mar 2015 16:20

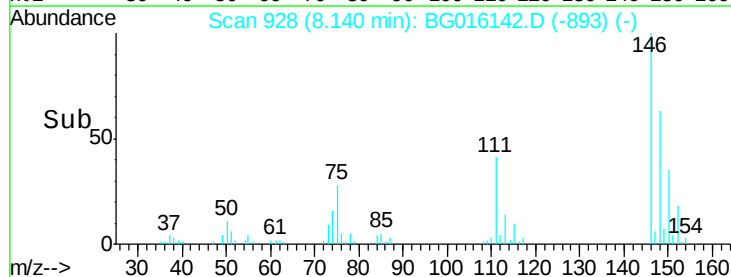
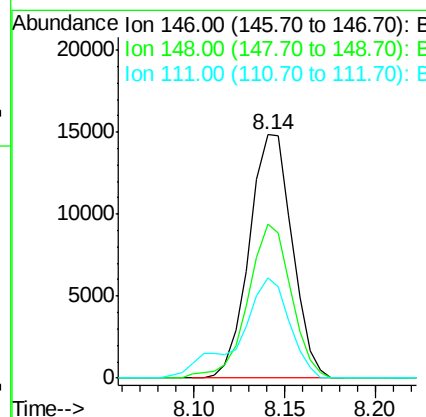
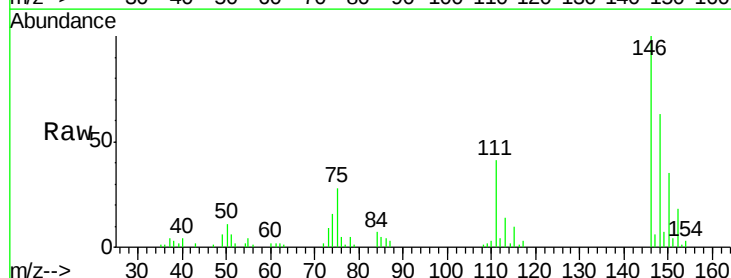
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

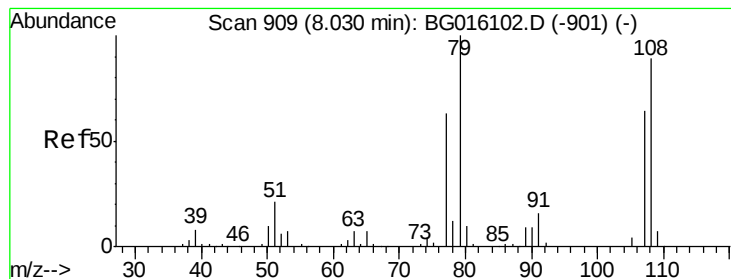
Tgt Ion:146 Resp: 24523
 Ion Ratio Lower Upper
 146 100
 148 64.9 50.3 75.5
 111 36.3 29.5 44.3



#14
 1,2-Dichlorobenzene
 Concen: 6.80 ng
 RT: 8.14 min Scan# 928
 Delta R.T. 0.01 min
 Lab File: BG016142.D
 Acq: 26 Mar 2015 16:20

Tgt Ion:146 Resp: 24396
 Ion Ratio Lower Upper
 146 100
 148 63.2 51.8 77.8
 111 41.0 31.4 47.2





#15

Benzyl Alcohol

Concen: 5.82 ng

RT: 8.03 min Scan# 909

Delta R.T. 0.01 min

Lab File: BG016142.D

Acq: 26 Mar 2015 16:20

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

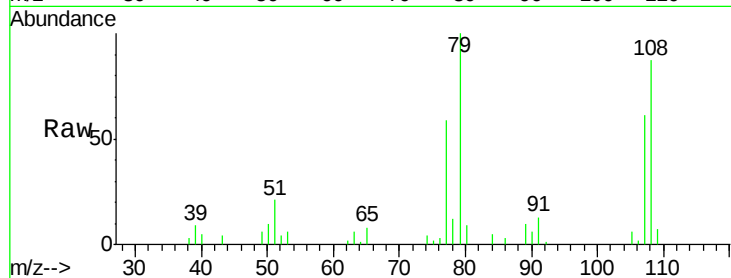
Tgt Ion: 79 Resp: 17088

Ion Ratio Lower Upper

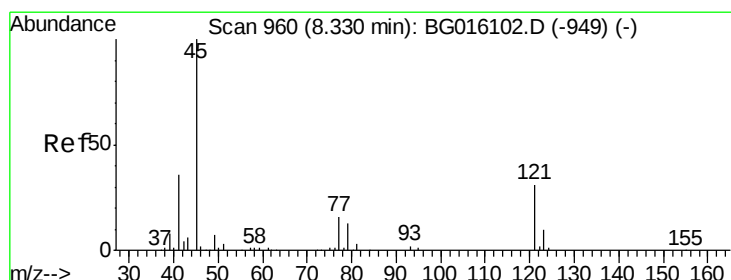
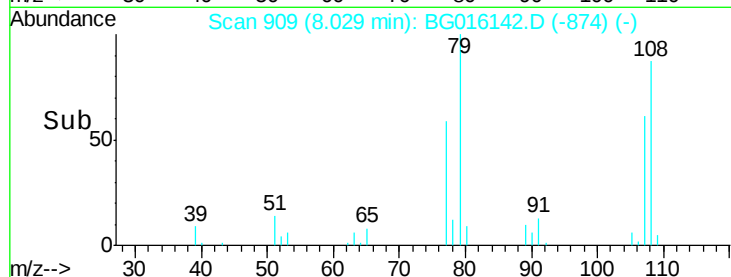
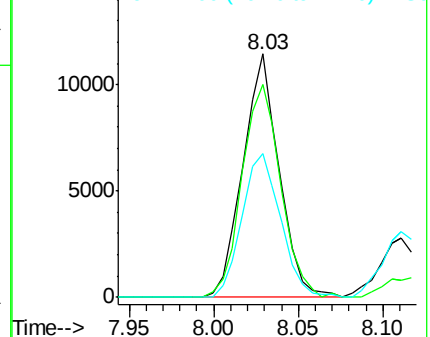
79 100

108 87.3 71.4 107.0

77 59.0 50.1 75.1



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: 5.83 ng

RT: 8.33 min Scan# 960

Delta R.T. 0.01 min

Lab File: BG016142.D

Acq: 26 Mar 2015 16:20

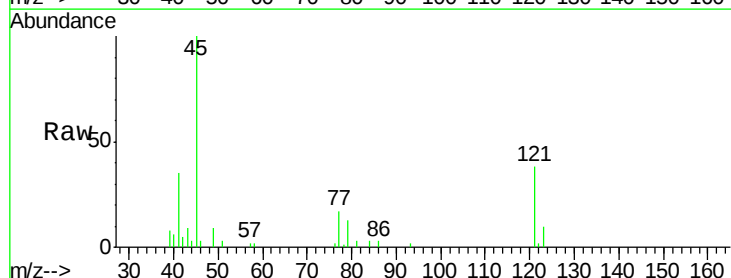
Tgt Ion: 45 Resp: 23204

Ion Ratio Lower Upper

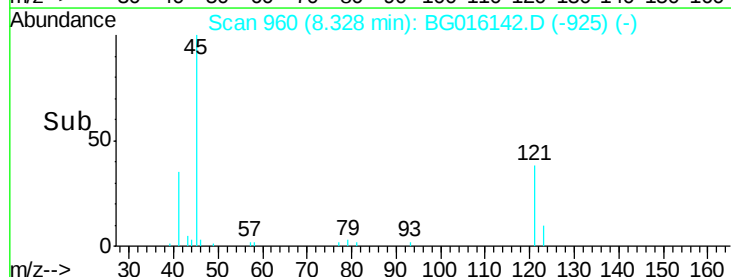
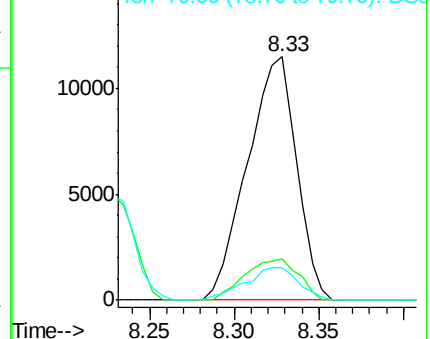
45 100

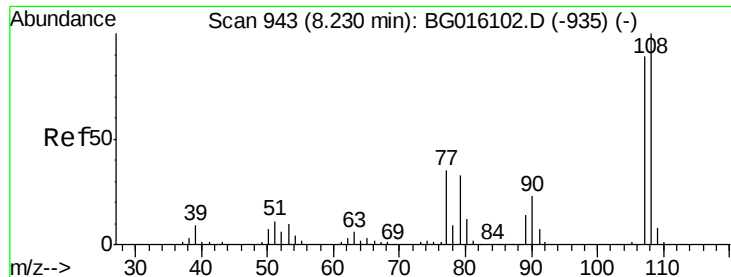
77 16.9 0.0 36.3

79 13.2 0.0 33.3



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

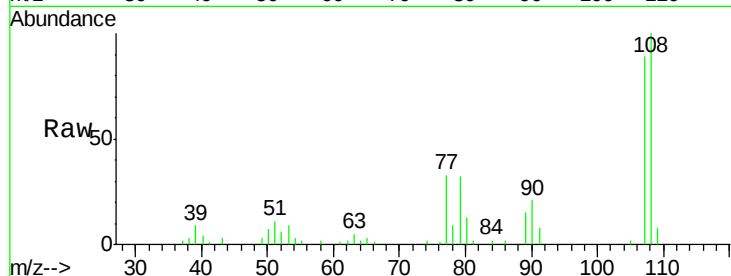




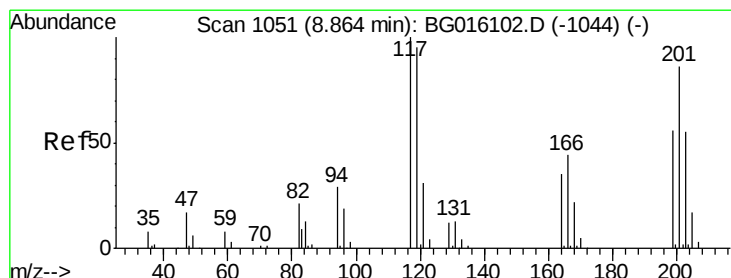
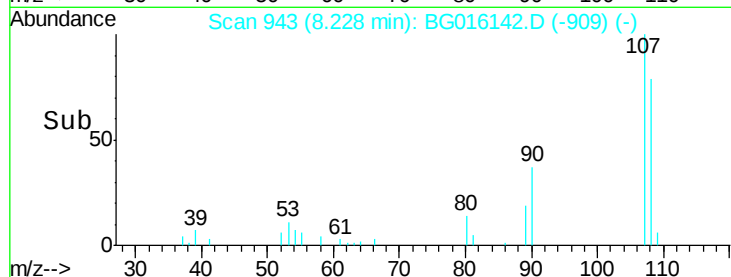
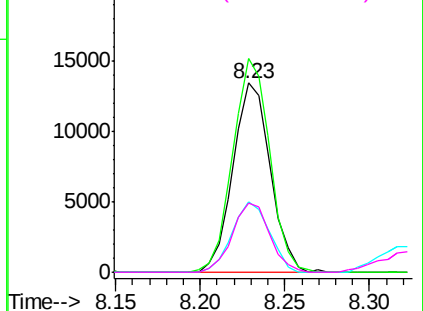
#17
2-Methylphenol
Concen: 6.72 ng
RT: 8.23 min Scan# 943
Delta R.T. -0.00 min
Lab File: BG016142.D
Acq: 26 Mar 2015 16:20

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:107 Resp: 20679
Ion Ratio Lower Upper
107 100
108 112.8 89.4 134.2
77 37.2 31.4 47.2
79 36.4 29.8 44.8

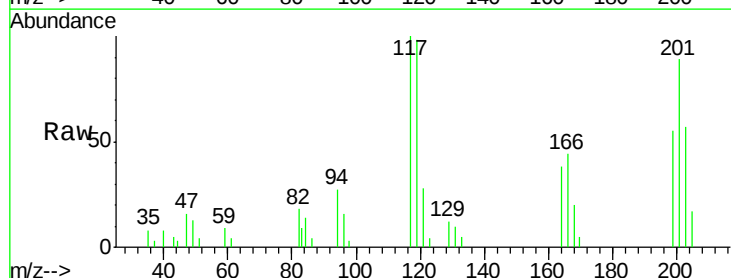


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

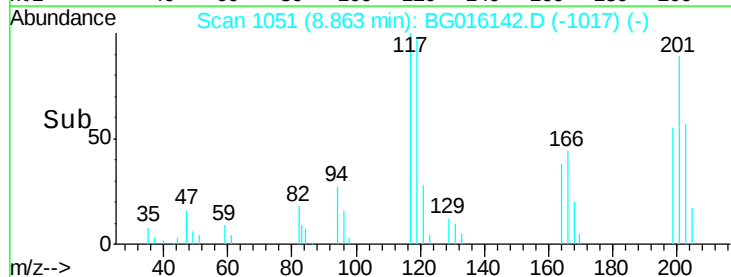
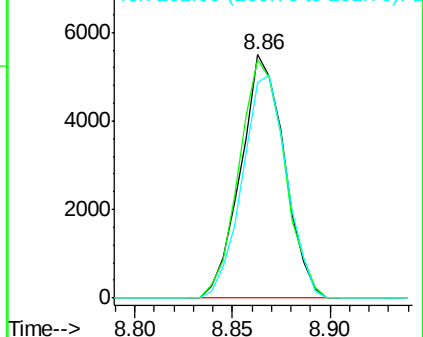


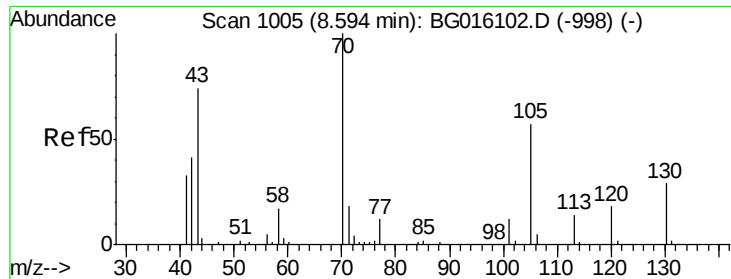
#18
Hexachloroethane
Concen: 6.25 ng
RT: 8.86 min Scan# 1051
Delta R.T. -0.00 min
Lab File: BG016142.D
Acq: 26 Mar 2015 16:20

Tgt Ion:117 Resp: 8504
Ion Ratio Lower Upper
117 100
119 97.8 76.4 114.6
201 88.6 68.6 102.8



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

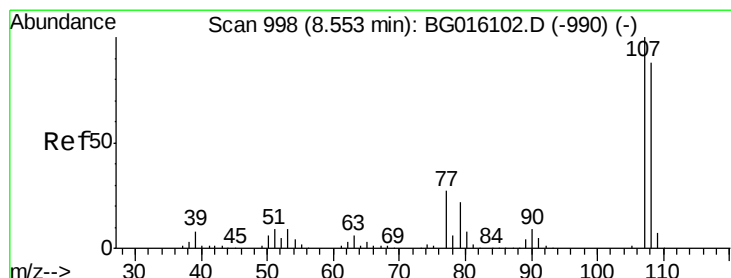
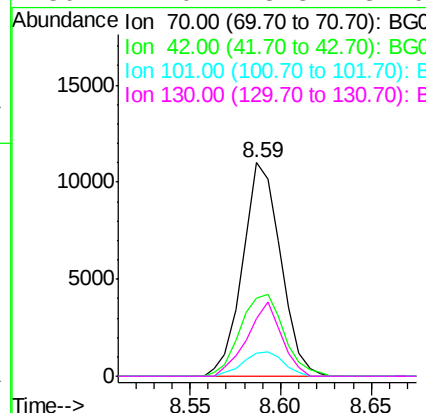
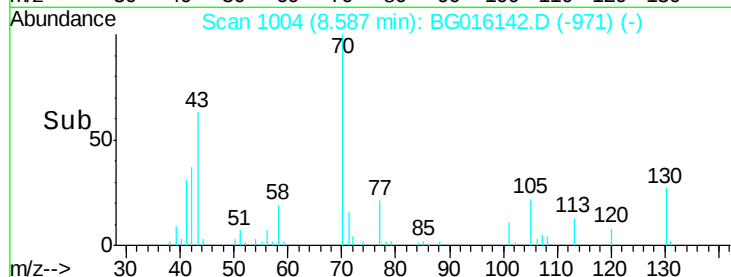
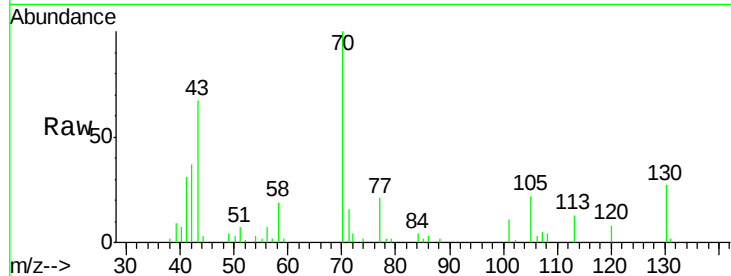




#19
n-Nitroso-di-n-propylamine
Concen: 5.53 ng
RT: 8.59 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BG016142.D
Acq: 26 Mar 2015 16:20

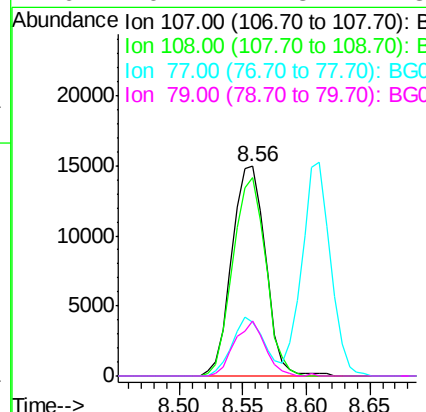
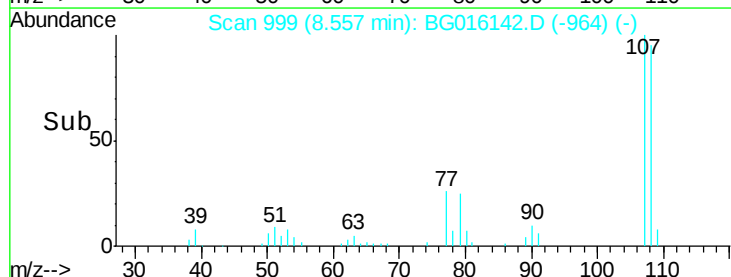
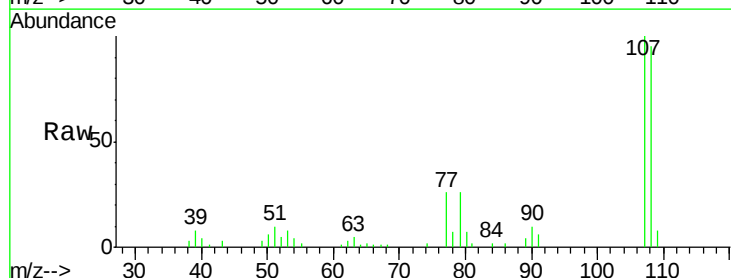
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

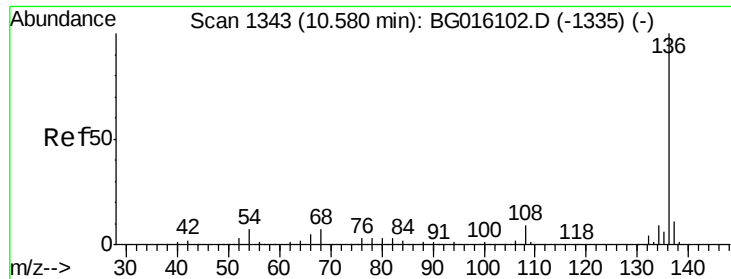
Tgt Ion:	70	Resp:	16082
Ion	Ratio	Lower	Upper
70	100		
42	36.5	33.4	50.2
101	10.8	9.6	14.4
130	27.0	23.3	34.9



#20
3+4-Methylphenols
Concen: 6.62 ng
RT: 8.56 min Scan# 999
Delta R.T. 0.01 min
Lab File: BG016142.D
Acq: 26 Mar 2015 16:20

Tgt Ion:	107	Resp:	27645
Ion	Ratio	Lower	Upper
107	100		
108	94.5	68.4	108.4
77	25.7	6.9	46.9
79	26.2	2.3	42.3

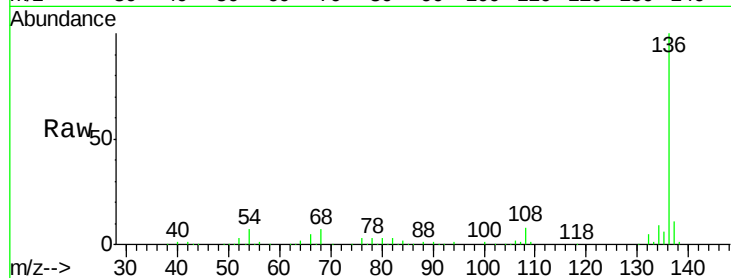




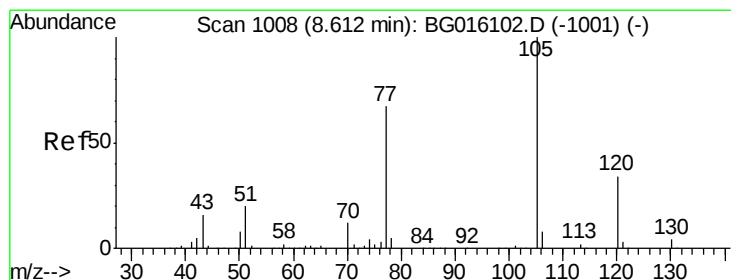
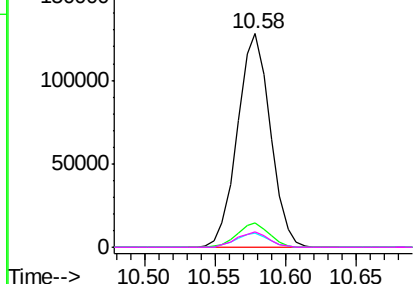
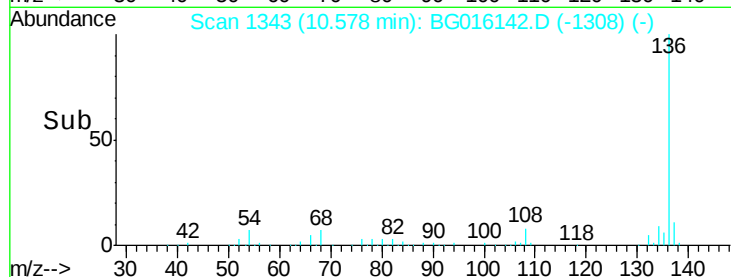
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.58 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BG016142.D
Acq: 26 Mar 2015 16:20

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:	136	Resp:	208176
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	6.8	5.5	8.3
68	7.4	6.0	9.0

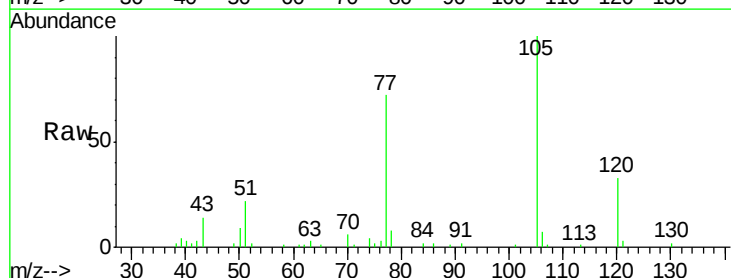


Abundance Ion 136.00 (135.70 to 136.70): E
200000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

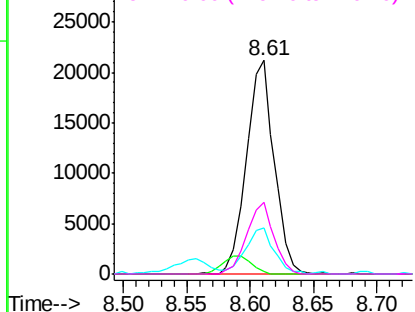
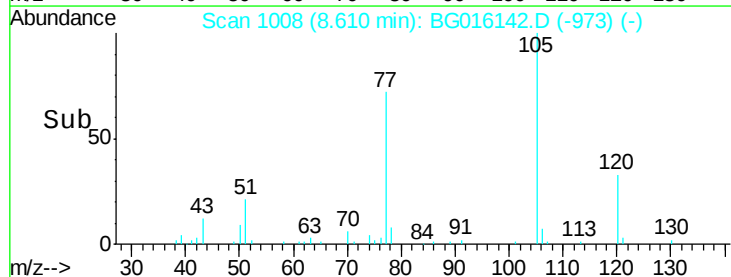


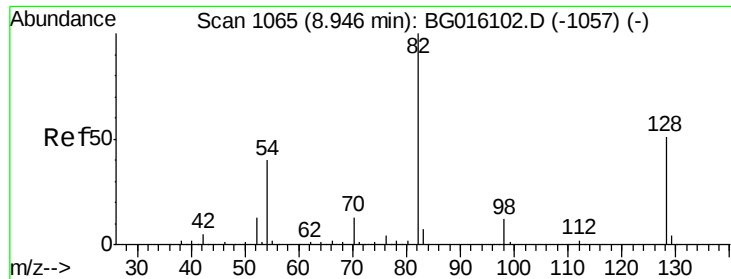
#22
Acetophenone
Concen: 6.87 ng
RT: 8.61 min Scan# 1008
Delta R.T. 0.01 min
Lab File: BG016142.D
Acq: 26 Mar 2015 16:20

Tgt Ion:	105	Resp:	32156
Ion	Ratio	Lower	Upper
105	100		
71	1.0	2.2	3.2#
51	21.5	17.9	26.9
120	33.4	27.0	40.4



Abundance Ion 105.00 (104.70 to 105.70): E
30000
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

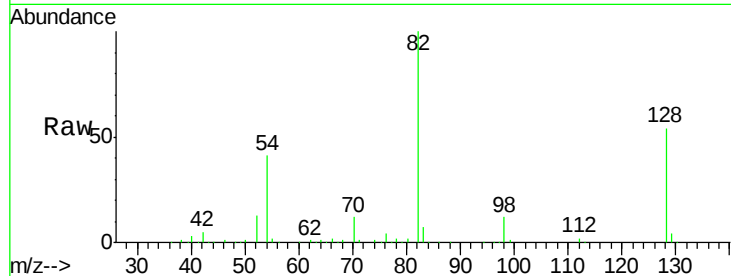




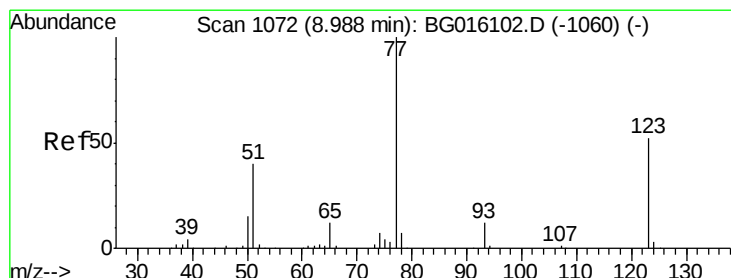
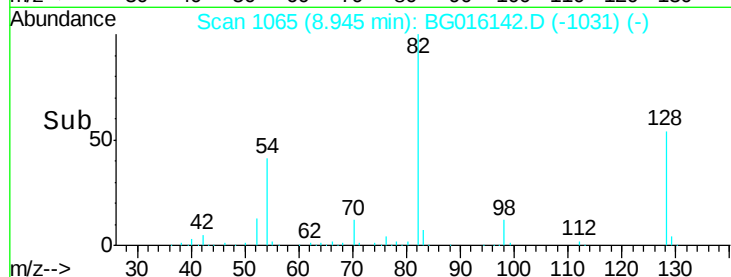
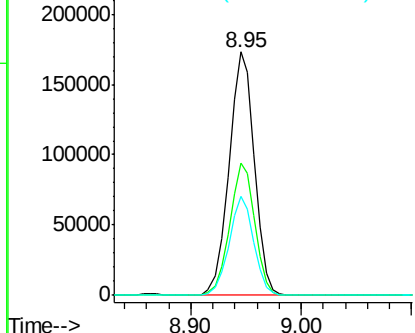
#23
 Nitrobenzene-d5
 Concen: 82.49 ng
 RT: 8.95 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: BG016142.D
 Acq: 26 Mar 2015 16:20

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

Tgt Ion: 82 Resp: 276951
 Ion Ratio Lower Upper
 82 100
 128 54.4 40.4 60.6
 54 40.5 32.1 48.1

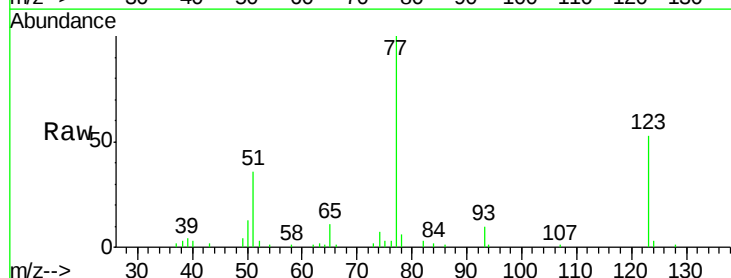


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

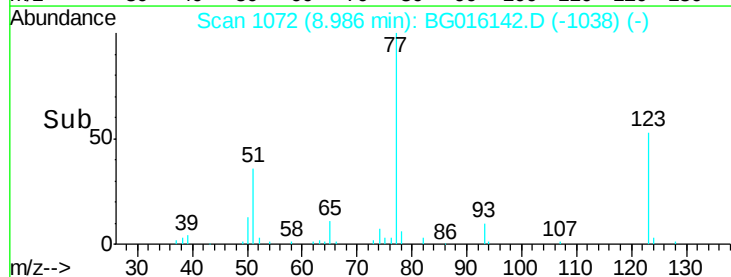
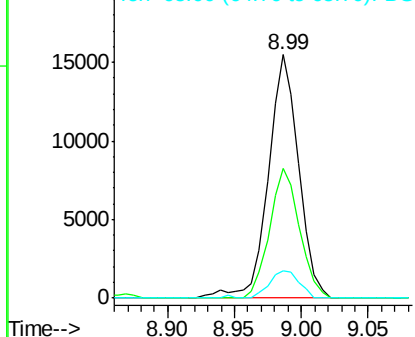


#24
 Nitrobenzene
 Concen: 6.76 ng
 RT: 8.99 min Scan# 1072
 Delta R.T. -0.00 min
 Lab File: BG016142.D
 Acq: 26 Mar 2015 16:20

Tgt Ion: 77 Resp: 24450
 Ion Ratio Lower Upper
 77 100
 123 53.2 41.4 62.0
 65 11.2 9.7 14.5



Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 5.92 ng

RT: 9.50 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BG016142.D

Acq: 26 Mar 2015 16:20

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

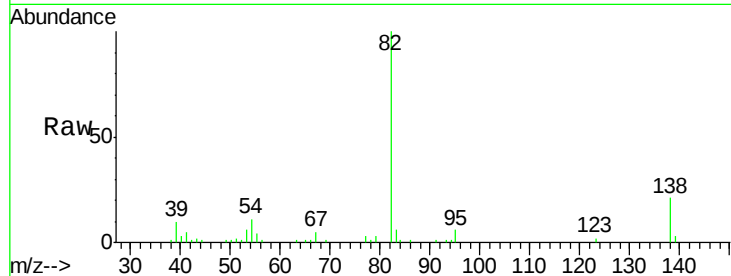
Tgt Ion: 82 Resp: 45129

Ion Ratio Lower Upper

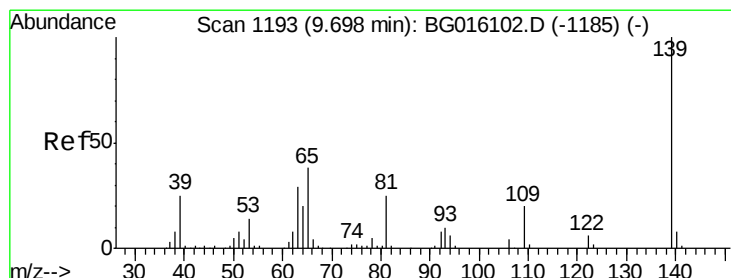
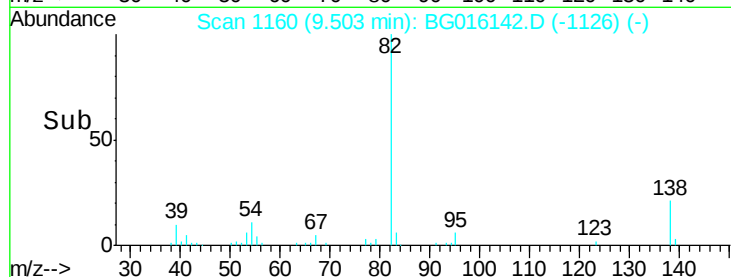
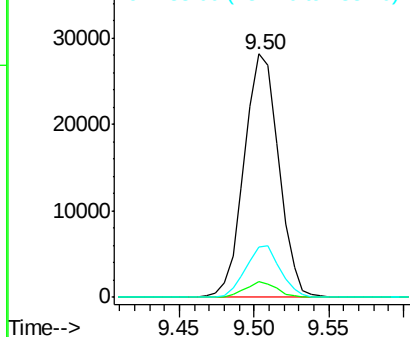
82 100

95 6.3 4.6 6.8

138 20.7 17.1 25.7



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: 6.24 ng

RT: 9.70 min Scan# 1193

Delta R.T. 0.01 min

Lab File: BG016142.D

Acq: 26 Mar 2015 16:20

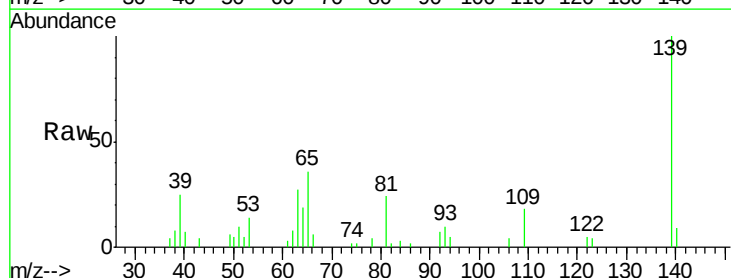
Tgt Ion: 139 Resp: 12228

Ion Ratio Lower Upper

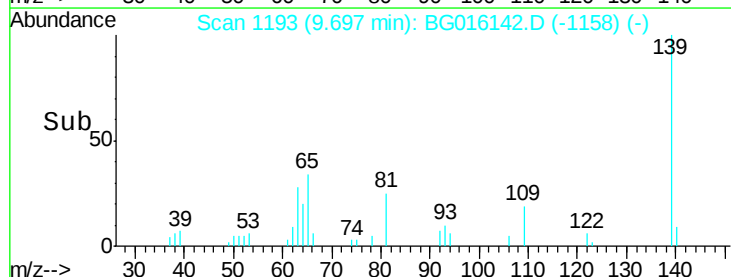
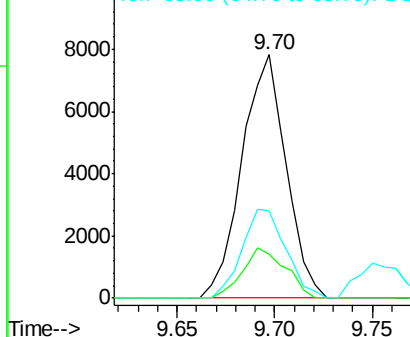
139 100

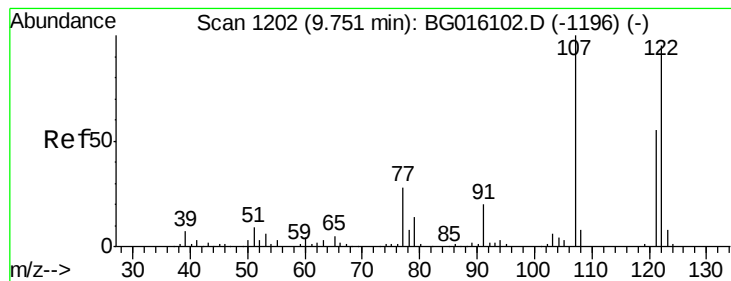
109 17.9 15.7 23.5

65 35.8 30.1 45.1



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: 7.09 ng

RT: 9.76 min Scan# 1203

Delta R.T. 0.01 min

Lab File: BG016142.D

Acq: 26 Mar 2015 16:20

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

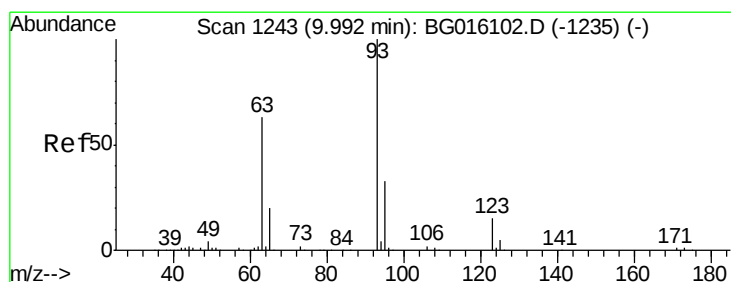
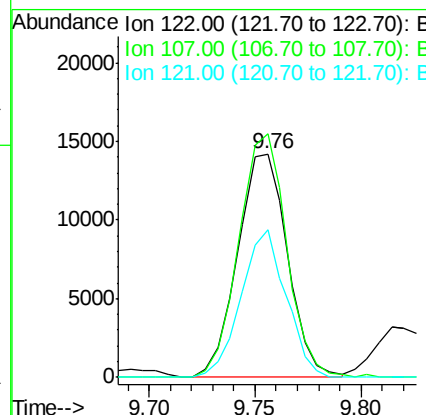
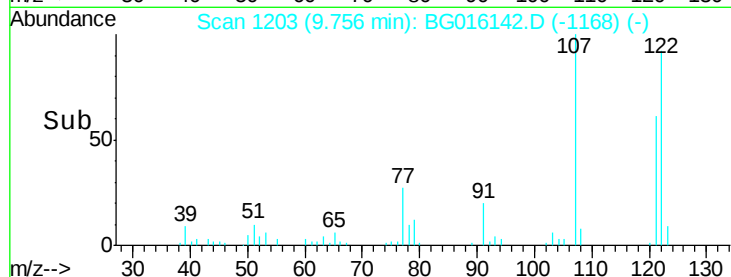
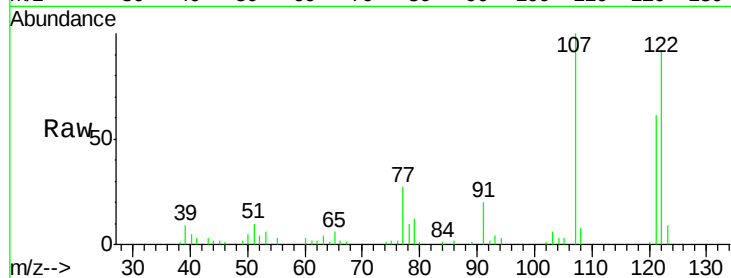
Tgt Ion: 122 Resp: 23271

Ion Ratio Lower Upper

122 100

107 109.0 83.6 125.4

121 66.0 45.6 68.4



#28

bis(2-Chloroethoxy)methane

Concen: 6.67 ng

RT: 9.99 min Scan# 1243

Delta R.T. -0.00 min

Lab File: BG016142.D

Acq: 26 Mar 2015 16:20

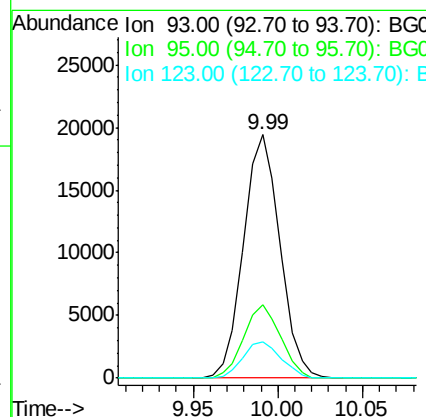
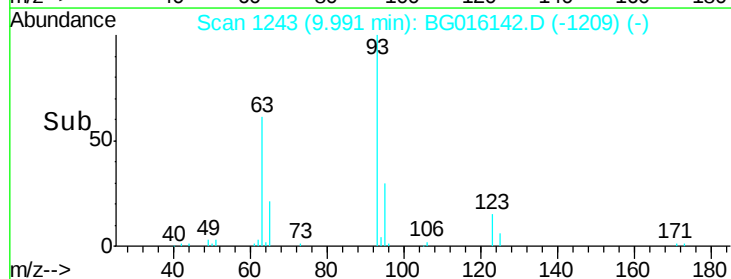
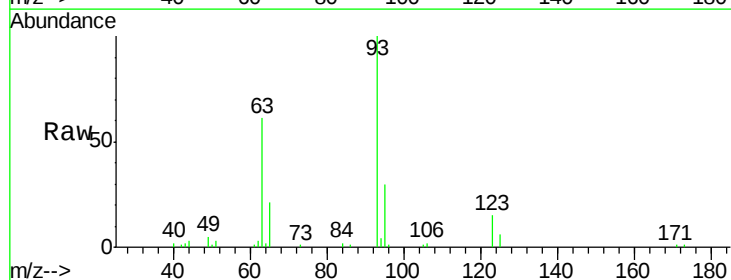
Tgt Ion: 93 Resp: 29155

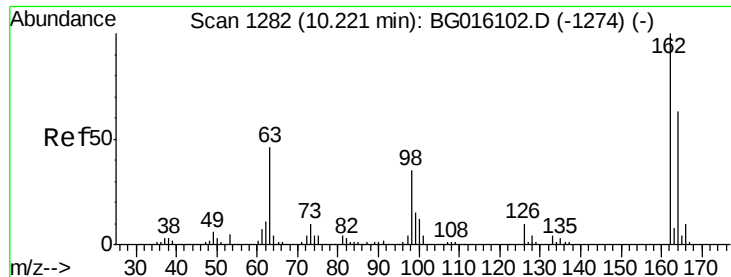
Ion Ratio Lower Upper

93 100

95 30.3 26.4 39.6

123 14.7 12.3 18.5

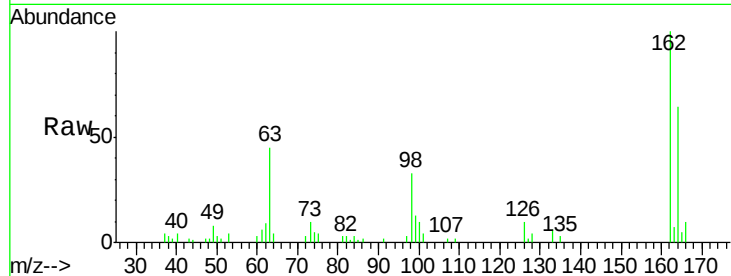




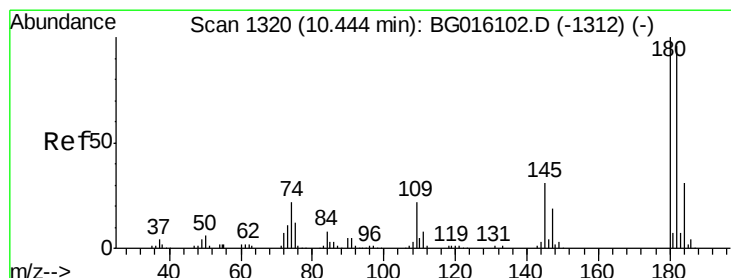
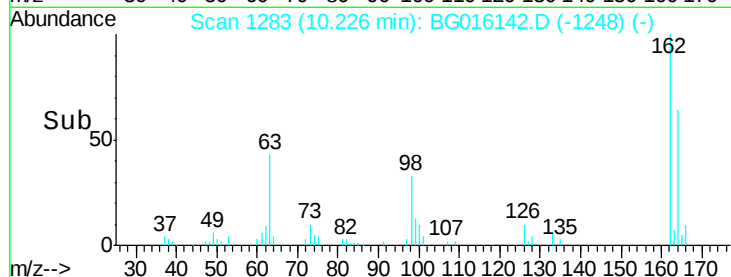
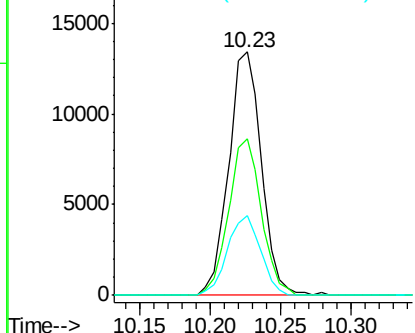
#29
 2,4-Dichlorophenol
 Concen: 7.49 ng
 RT: 10.23 min Scan# 1283
 Delta R.T. 0.01 min
 Lab File: BG016142.D
 Acq: 26 Mar 2015 16:20

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

Tgt Ion:162 Resp: 21613
 Ion Ratio Lower Upper
 162 100
 164 64.4 43.5 83.5
 98 32.7 14.8 54.8

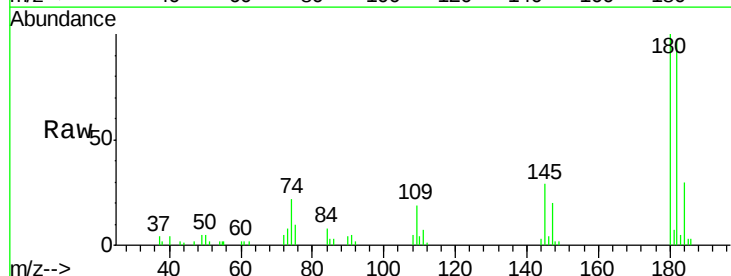


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

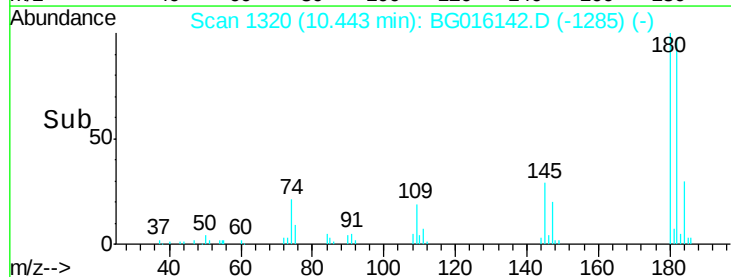
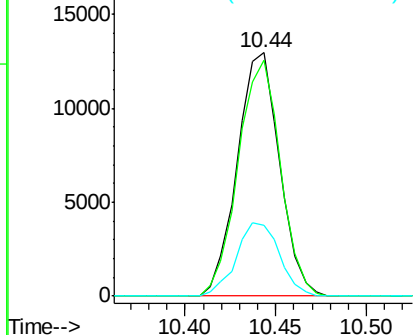


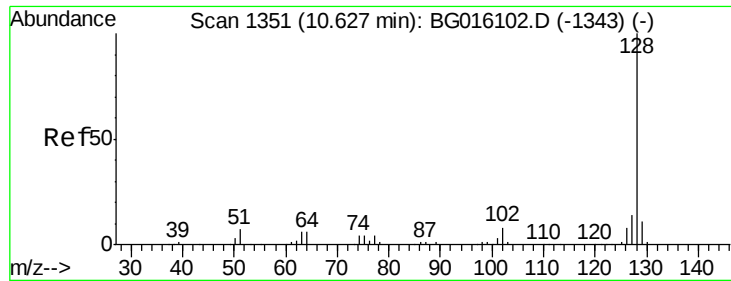
#30
 1,2,4-Trichlorobenzene
 Concen: 6.80 ng
 RT: 10.44 min Scan# 1320
 Delta R.T. 0.01 min
 Lab File: BG016142.D
 Acq: 26 Mar 2015 16:20

Tgt Ion:180 Resp: 21139
 Ion Ratio Lower Upper
 180 100
 182 96.8 76.8 115.2
 145 28.9 24.8 37.2



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

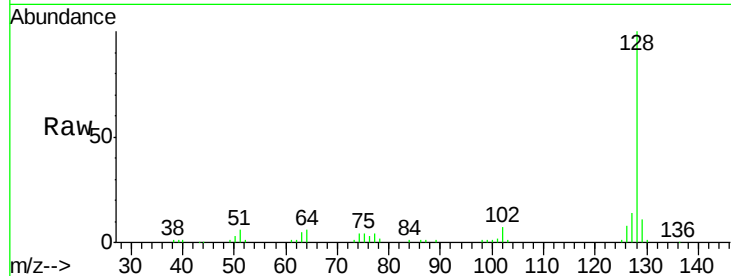




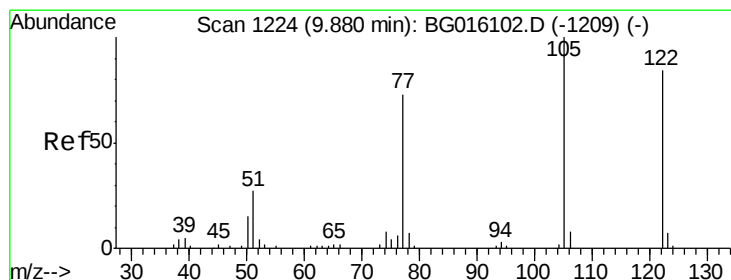
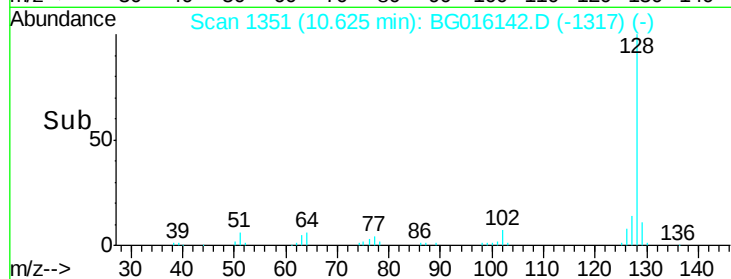
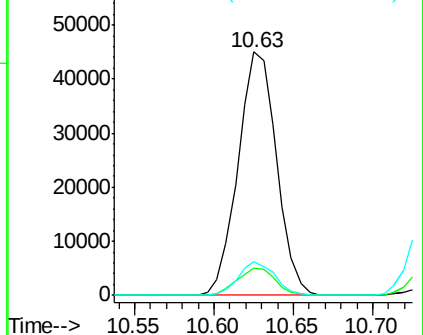
#31
Naphthalene
Concen: 6.80 ng
RT: 10.63 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BG016142.D
Acq: 26 Mar 2015 16:20

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:128 Resp: 75859
Ion Ratio Lower Upper
128 100
129 11.3 9.2 13.8
127 13.7 10.9 16.3

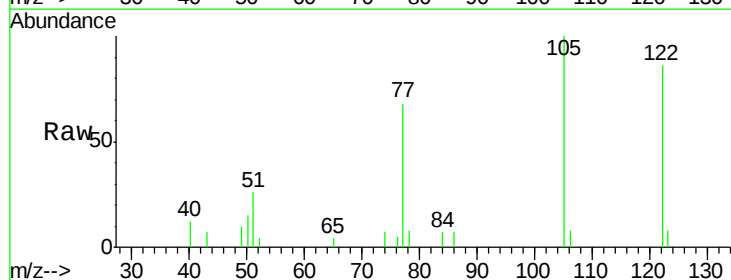


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

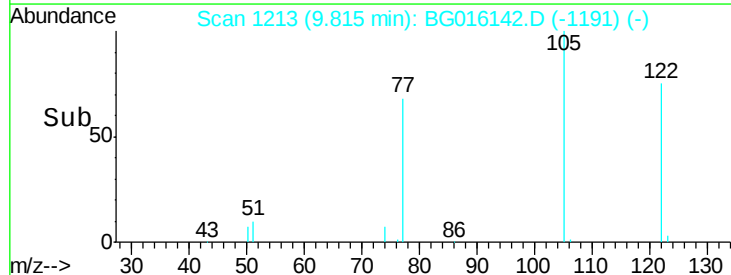
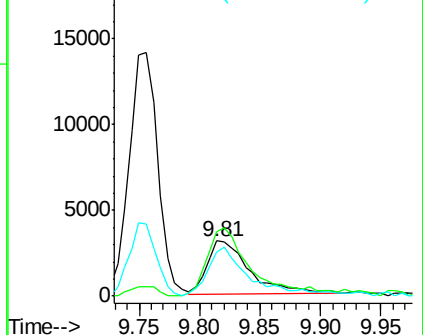


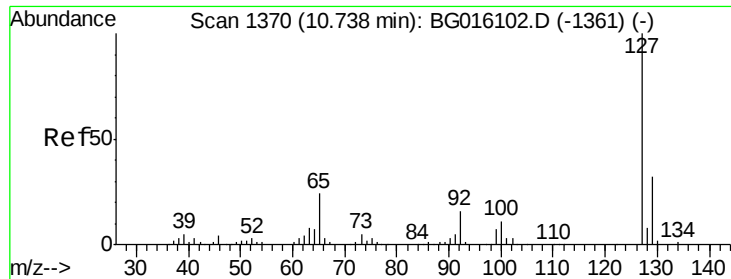
#32
Benzoic acid
Concen: 8.41 ng
RT: 9.81 min Scan# 1213
Delta R.T. -0.07 min
Lab File: BG016142.D
Acq: 26 Mar 2015 16:20

Tgt Ion:122 Resp: 7632
Ion Ratio Lower Upper
122 100
105 116.2 97.2 137.2
77 79.2 65.0 105.0



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): BG

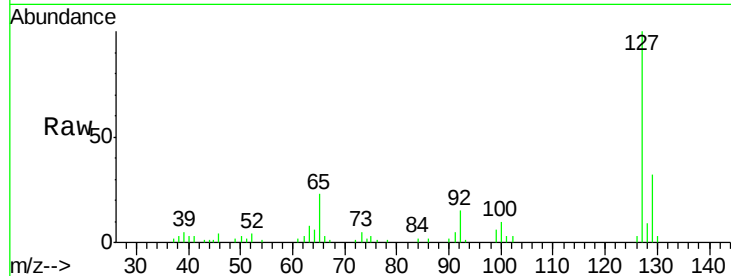




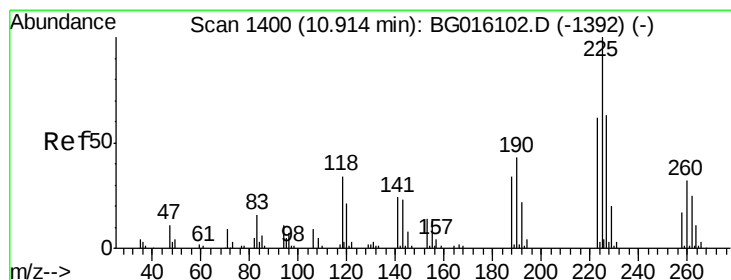
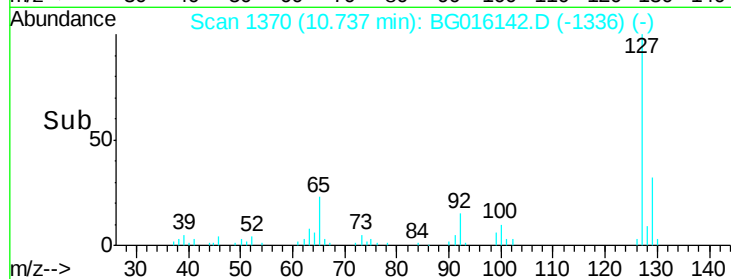
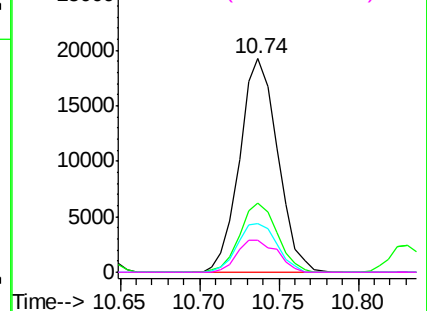
#33
4-Chloroaniline
Concen: 6.56 ng
RT: 10.74 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BG016142.D
Acq: 26 Mar 2015 16:20

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:	127	Resp:	32039
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.3	37.9
65	22.8	19.5	29.3
92	15.0	13.1	19.7

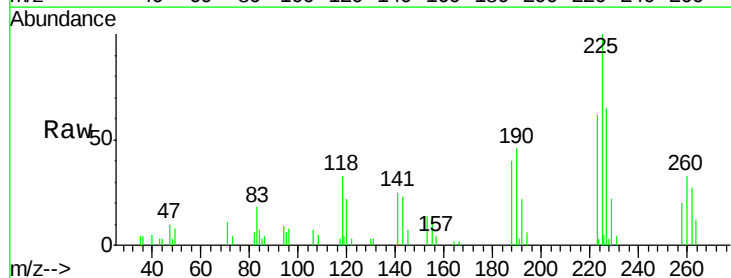


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

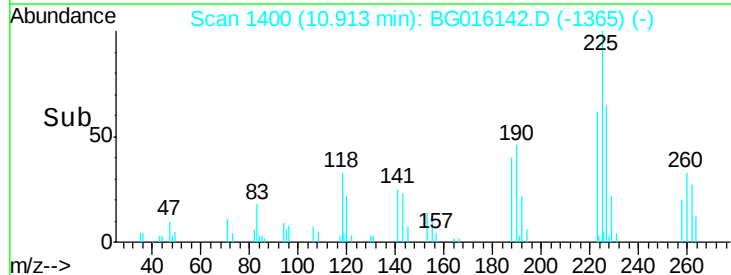
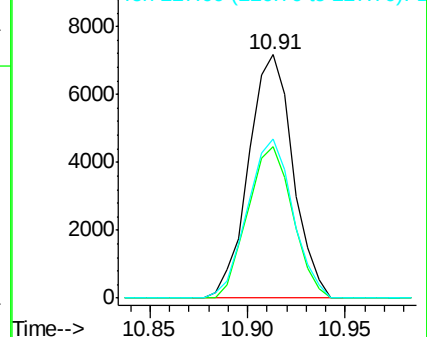


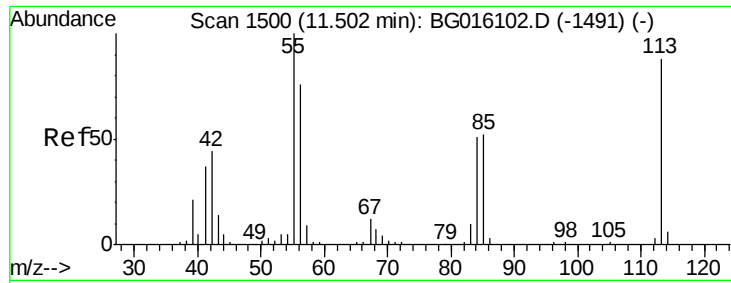
#34
Hexachlorobutadiene
Concen: 6.65 ng
RT: 10.91 min Scan# 1400
Delta R.T. 0.01 min
Lab File: BG016142.D
Acq: 26 Mar 2015 16:20

Tgt Ion:	225	Resp:	11244
Ion	Ratio	Lower	Upper
225	100		
223	62.1	49.5	74.3
227	65.4	50.4	75.6



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





#35

Caprolactam

Concen: 5.87 ng

RT: 11.48 min Scan# 1497

Delta R.T. -0.03 min

Lab File: BG016142.D

Acq: 26 Mar 2015 16:20

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

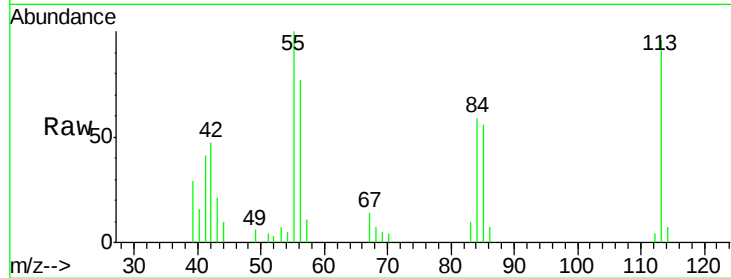
Tgt Ion:113 Resp: 9209

Ion Ratio Lower Upper

113 100

55 104.4 93.9 133.9

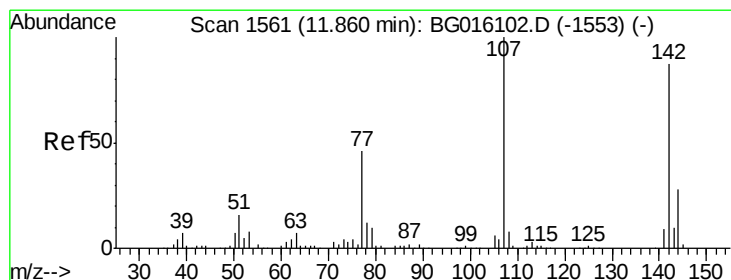
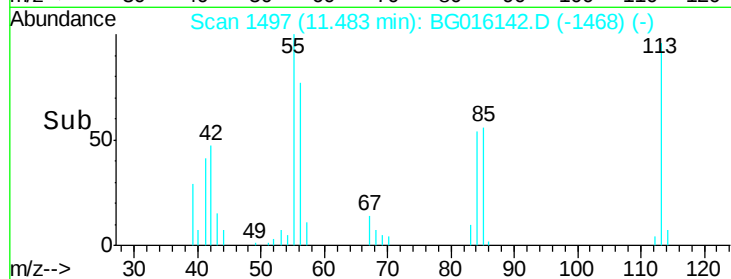
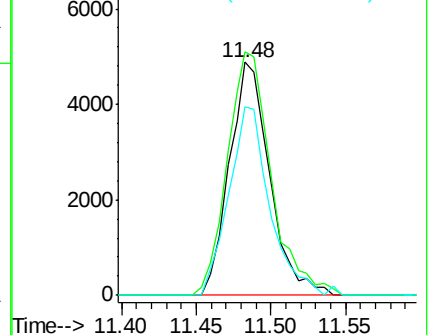
56 80.7 67.1 107.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 6.97 ng

RT: 11.86 min Scan# 1561

Delta R.T. -0.00 min

Lab File: BG016142.D

Acq: 26 Mar 2015 16:20

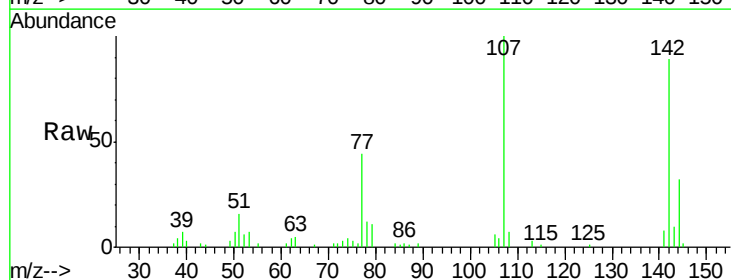
Tgt Ion:107 Resp: 23751

Ion Ratio Lower Upper

107 100

144 32.3 22.7 34.1

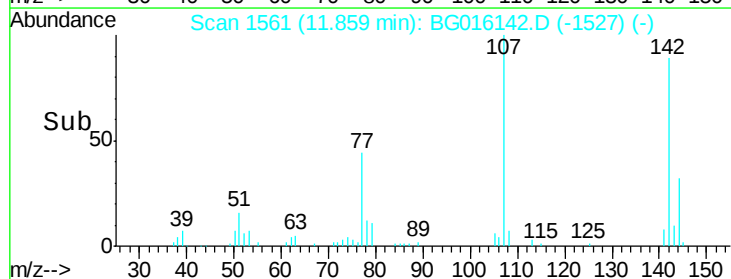
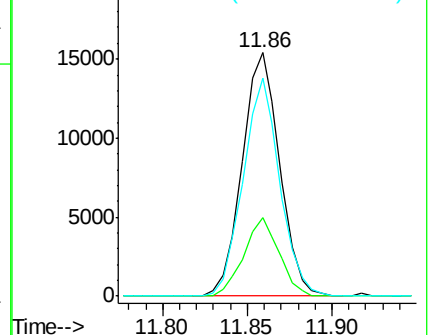
142 89.4 69.7 104.5

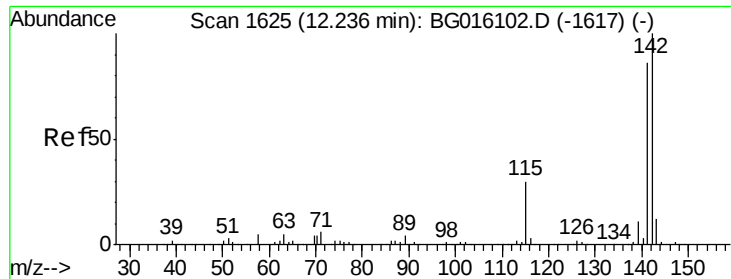


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

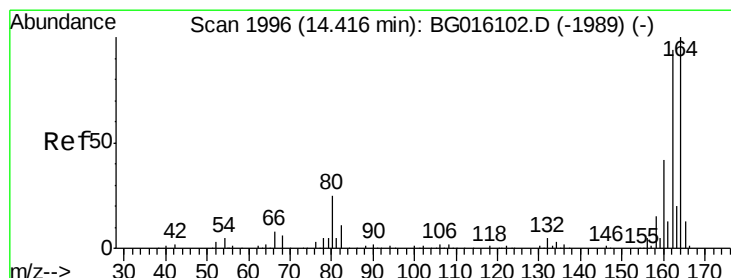
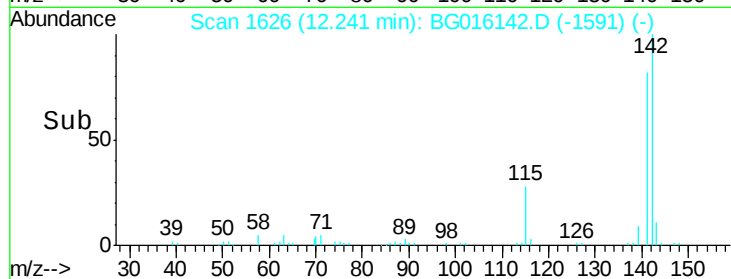
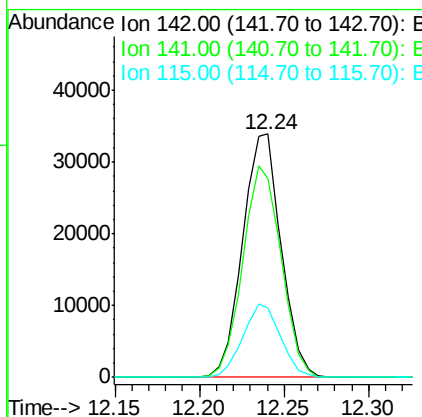
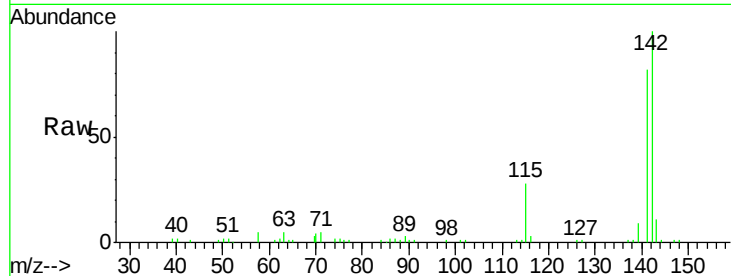




#37
2-Methylnaphthalene
Concen: 6.74 ng
RT: 12.24 min Scan# 1626
Delta R.T. 0.01 min
Lab File: BG016142.D
Acq: 26 Mar 2015 16:20

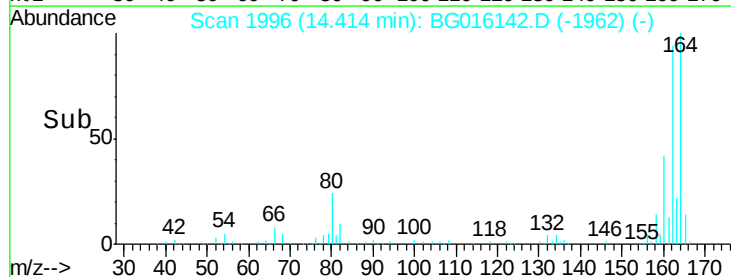
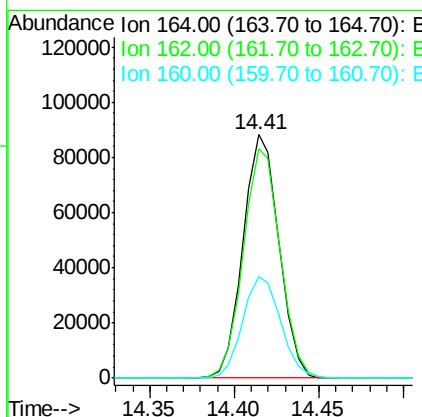
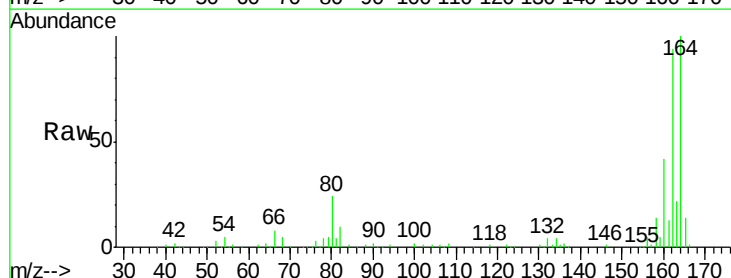
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

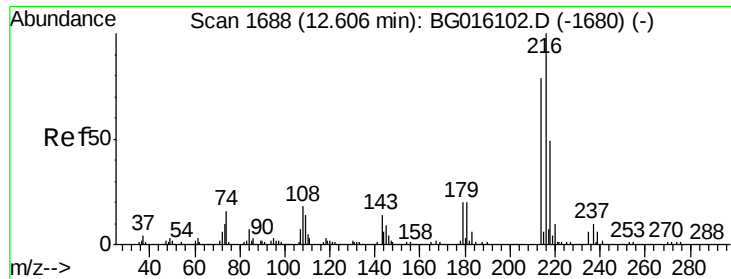
Tgt Ion:142 Resp: 53648
Ion Ratio Lower Upper
142 100
141 81.9 68.6 103.0
115 28.5 24.0 36.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.41 min Scan# 1996
Delta R.T. -0.00 min
Lab File: BG016142.D
Acq: 26 Mar 2015 16:20

Tgt Ion:164 Resp: 130202
Ion Ratio Lower Upper
164 100
162 94.1 75.2 112.8
160 41.7 33.9 50.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 7.27 ng

RT: 12.60 min Scan# 1688

Delta R.T. -0.00 min

Lab File: BG016142.D

Acq: 26 Mar 2015 16:20

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

Tgt Ion:216 Resp: 23836

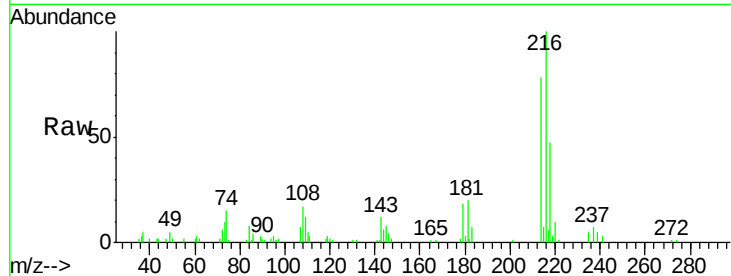
Ion Ratio Lower Upper

216 100

214 78.1 63.0 94.6

179 18.4 15.4 23.2

108 19.9 15.8 23.6

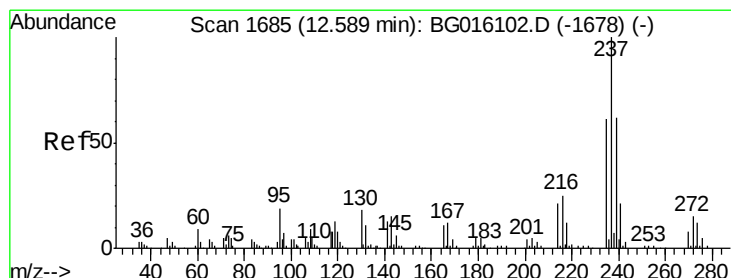
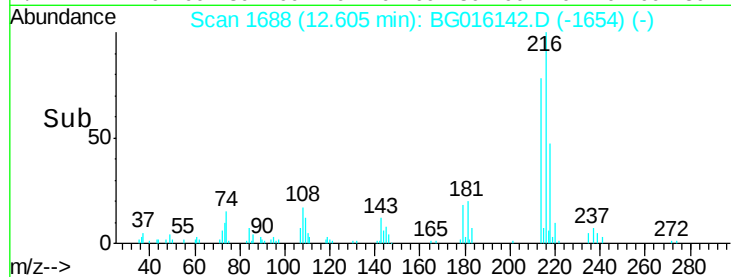
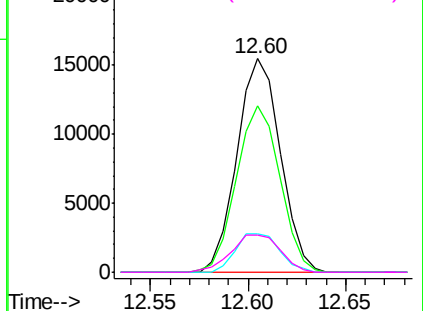


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 6.24 ng

RT: 12.59 min Scan# 1685

Delta R.T. 0.01 min

Lab File: BG016142.D

Acq: 26 Mar 2015 16:20

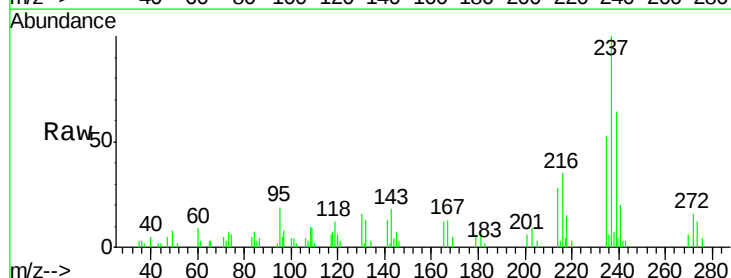
Tgt Ion:237 Resp: 11967

Ion Ratio Lower Upper

237 100

235 53.2 41.5 81.5

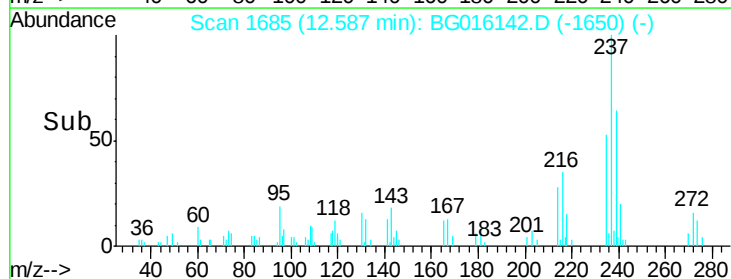
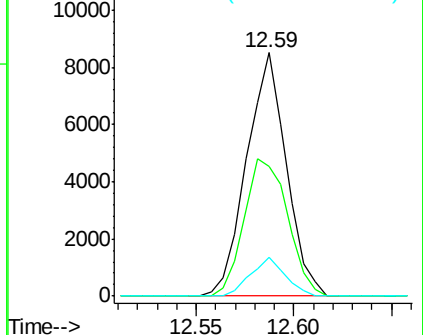
272 16.2 0.0 35.3

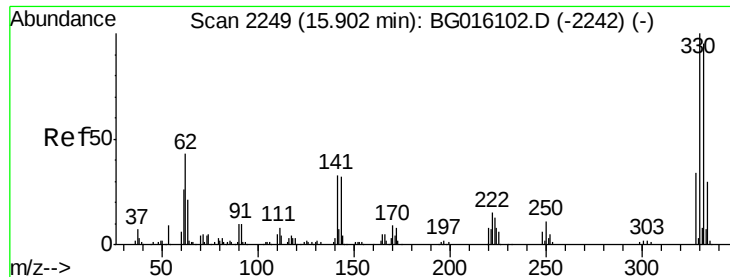


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

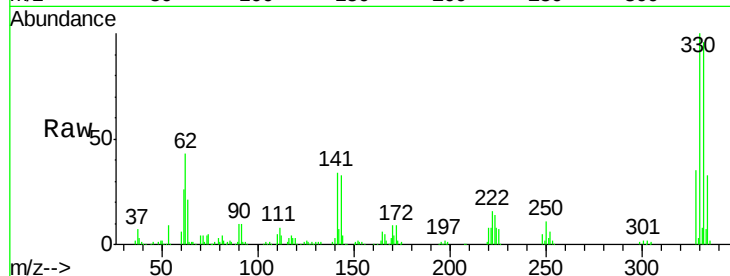




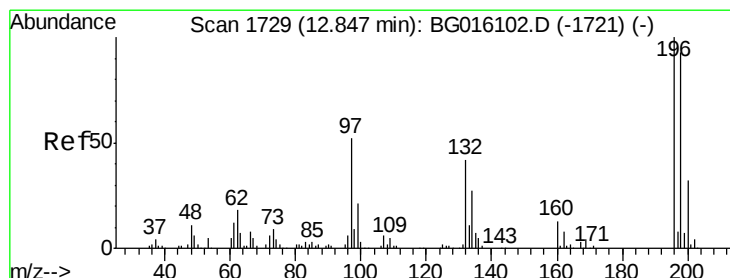
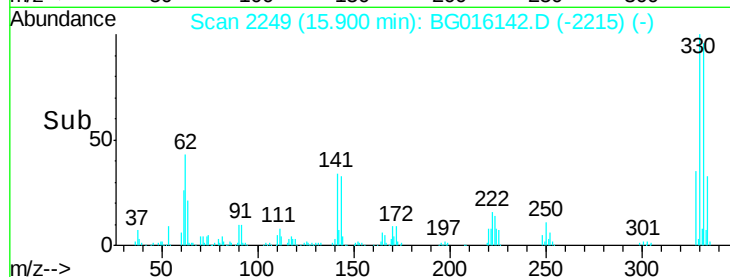
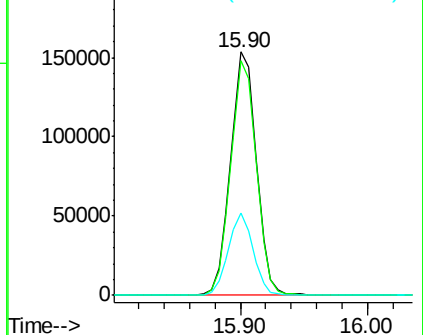
#41
 2,4,6-Tribromophenol
 Concen: 144.36 ng
 RT: 15.90 min Scan# 2249
 Delta R.T. -0.00 min
 Lab File: BG016142.D
 Acq: 26 Mar 2015 16:20

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

Tgt Ion:330 Resp: 215836
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.6 114.8
 141 32.6 26.2 39.4

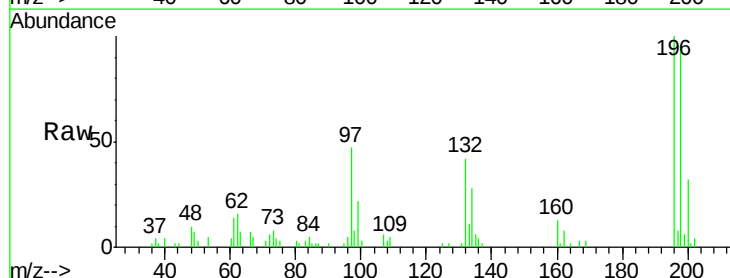


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

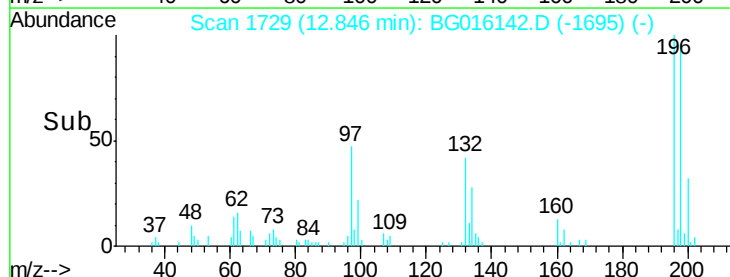
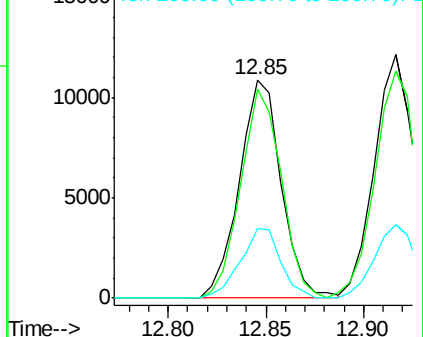


#42
 2,4,6-Trichlorophenol
 Concen: 6.92 ng
 RT: 12.85 min Scan# 1729
 Delta R.T. -0.00 min
 Lab File: BG016142.D
 Acq: 26 Mar 2015 16:20

Tgt Ion:196 Resp: 16217
 Ion Ratio Lower Upper
 196 100
 198 95.9 74.0 111.0
 200 31.9 25.7 38.5



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

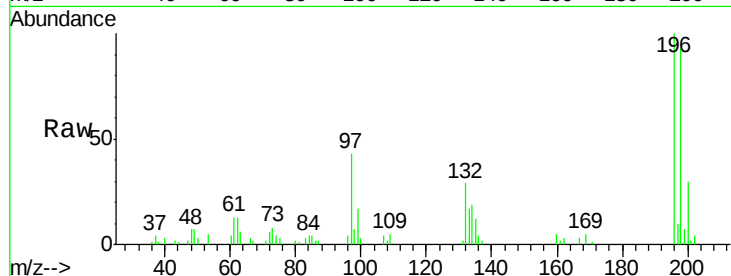




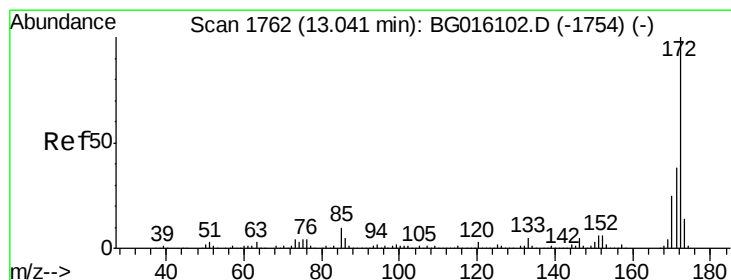
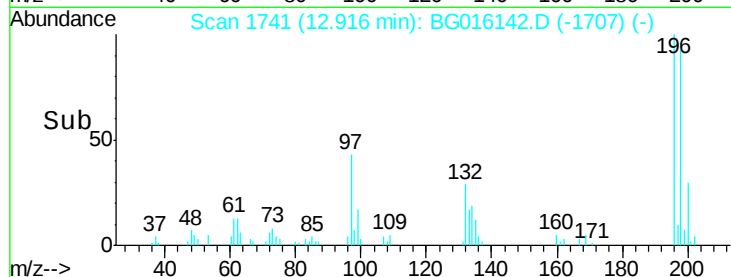
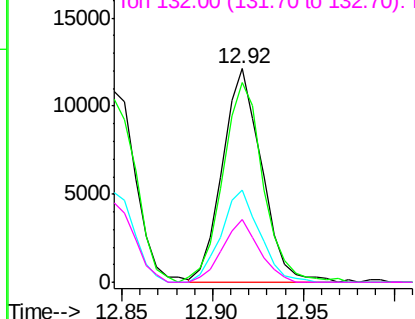
#43
2,4,5-Trichlorophenol
Concen: 7.18 ng
RT: 12.92 min Scan# 1741
Delta R.T. -0.00 min
Lab File: BG016142.D
Acq: 26 Mar 2015 16:20

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:196 Resp: 18353
Ion Ratio Lower Upper
196 100
198 93.5 76.2 114.4
97 43.4 36.2 54.4
132 29.3 23.6 35.4

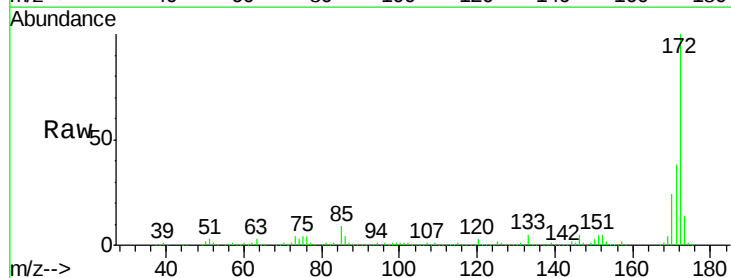


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BGC
Ion 132.00 (131.70 to 132.70): E

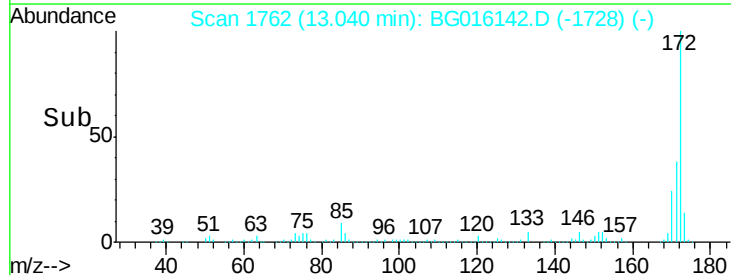
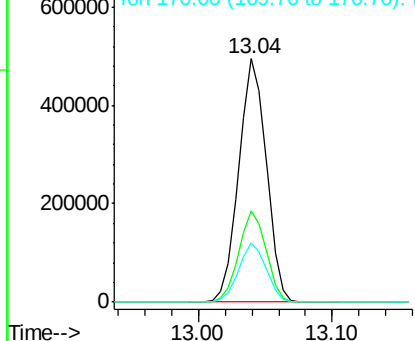


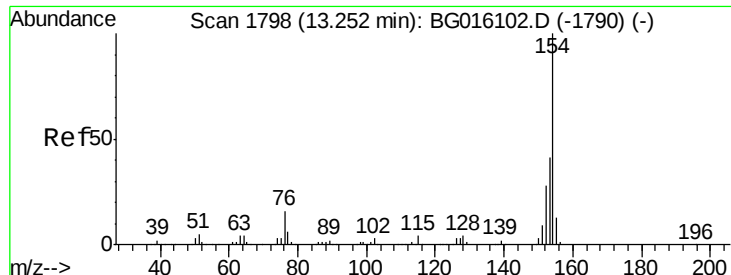
#44
2-Fluorobiphenyl
Concen: 90.70 ng
RT: 13.04 min Scan# 1762
Delta R.T. -0.00 min
Lab File: BG016142.D
Acq: 26 Mar 2015 16:20

Tgt Ion:172 Resp: 705511
Ion Ratio Lower Upper
172 100
171 37.7 30.3 45.5
170 24.5 19.8 29.8



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 7.29 ng

RT: 13.25 min Scan# 1798

Delta R.T. -0.00 min

Lab File: BG016142.D

Acq: 26 Mar 2015 16:20

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

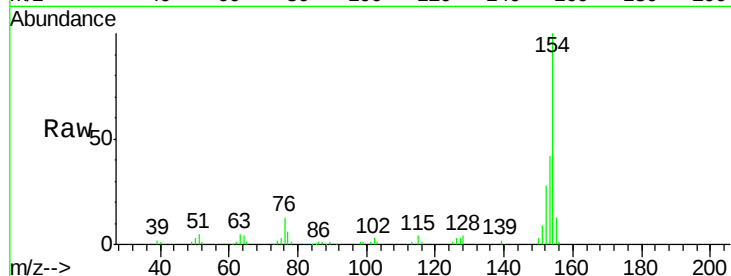
Tgt Ion:154 Resp: 69569

Ion Ratio Lower Upper

154 100

153 42.0 21.4 61.4

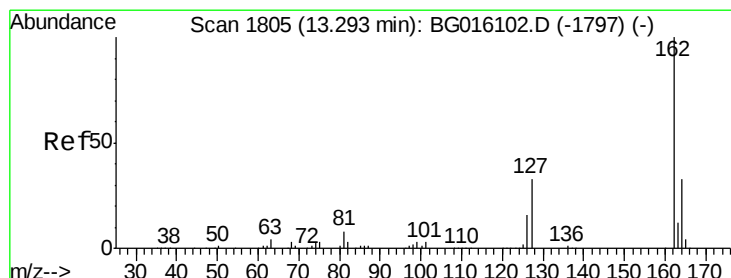
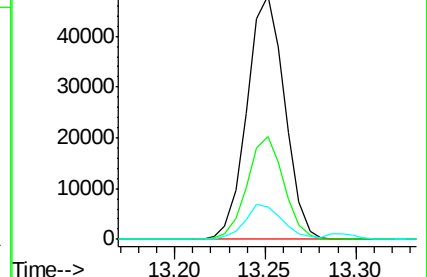
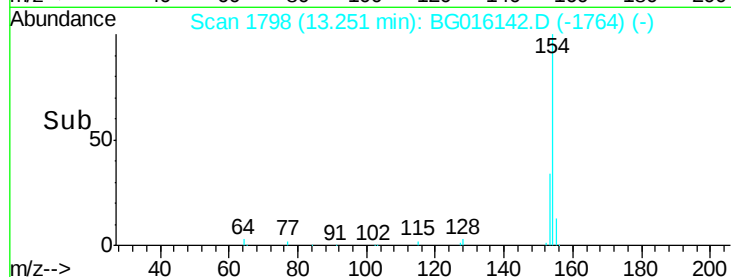
76 13.4 0.0 35.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): B



#46

2-Chloronaphthalene

Concen: 6.94 ng

RT: 13.29 min Scan# 1805

Delta R.T. -0.00 min

Lab File: BG016142.D

Acq: 26 Mar 2015 16:20

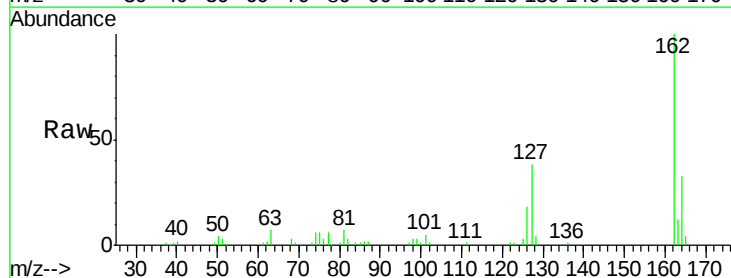
Tgt Ion:162 Resp: 51695

Ion Ratio Lower Upper

162 100

127 37.6 29.4 44.2

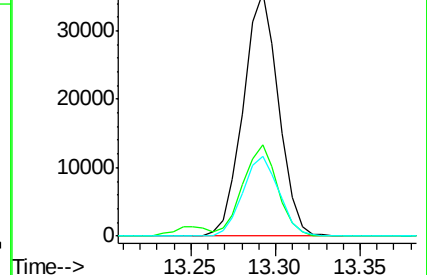
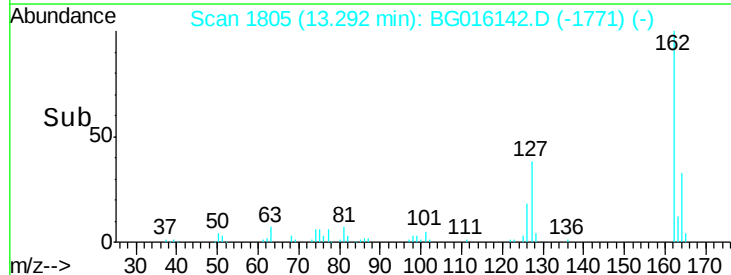
164 32.8 26.1 39.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

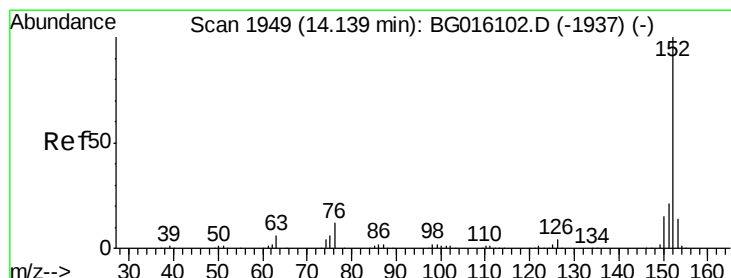
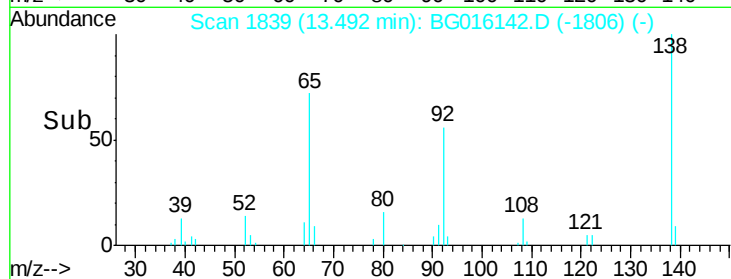
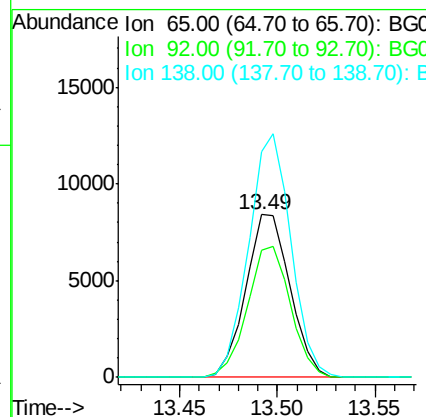
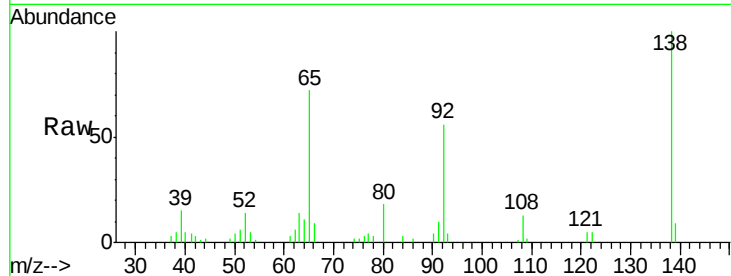




#47
2-Nitroaniline
Concen: 6.17 ng
RT: 13.49 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BG016142.D
Acq: 26 Mar 2015 16:20

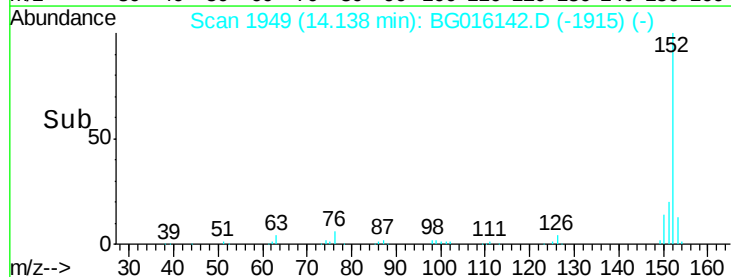
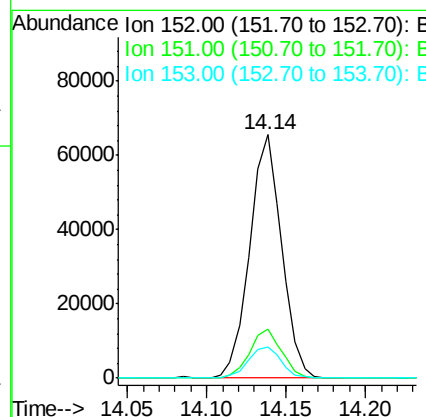
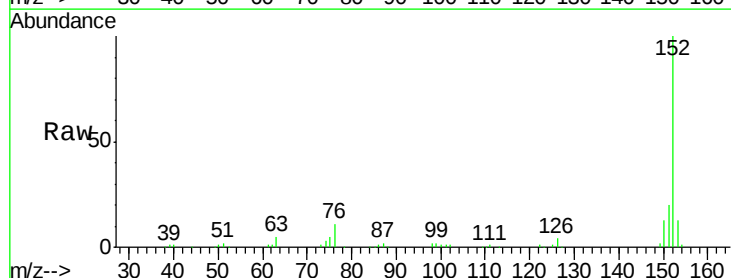
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

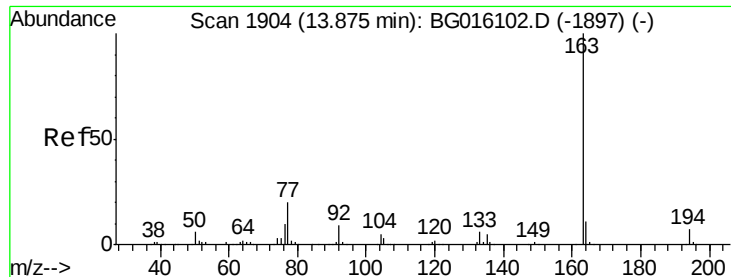
Tgt Ion: 65 Resp: 13195
Ion Ratio Lower Upper
65 100
92 78.6 64.2 96.4
138 139.3 110.4 165.6



#48
Acenaphthylene
Concen: 6.74 ng
RT: 14.14 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BG016142.D
Acq: 26 Mar 2015 16:20

Tgt Ion: 152 Resp: 91762
Ion Ratio Lower Upper
152 100
151 20.3 17.0 25.4
153 12.7 11.0 16.4

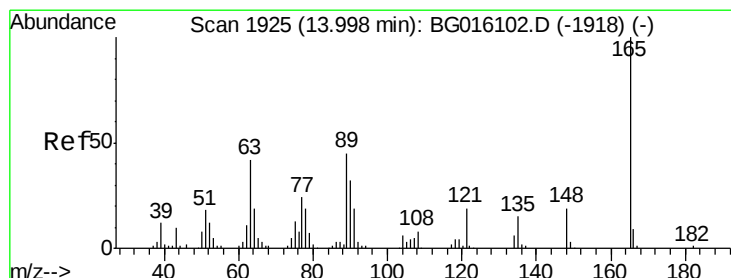
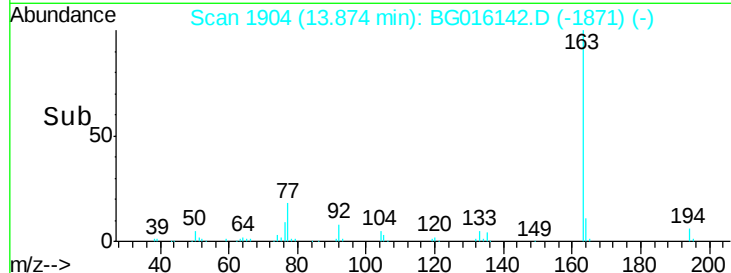
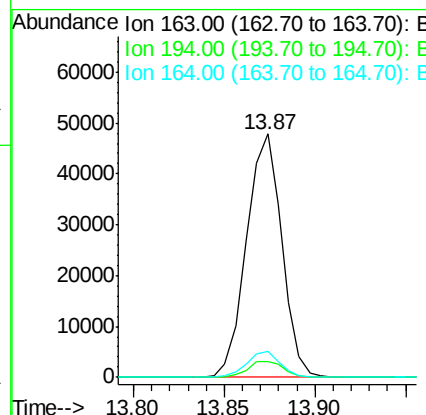
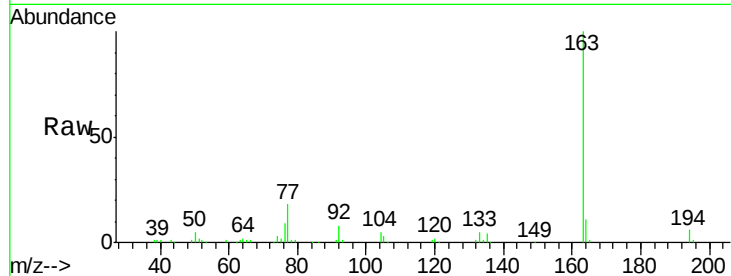




#49
Dimethylphthalate
Concen: 7.12 ng
RT: 13.87 min Scan# 1904
Delta R.T. -0.01 min
Lab File: BG016142.D
Acq: 26 Mar 2015 16:20

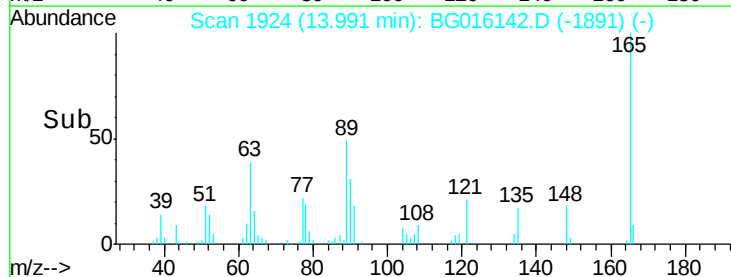
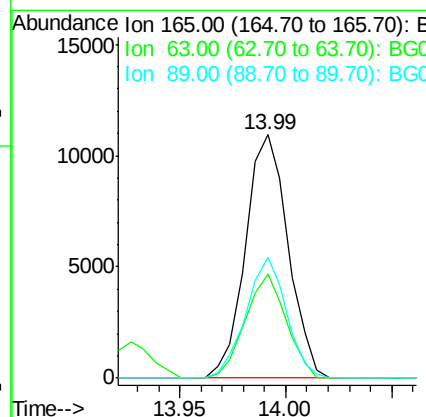
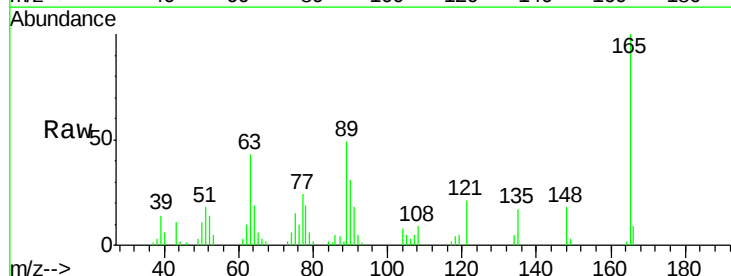
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

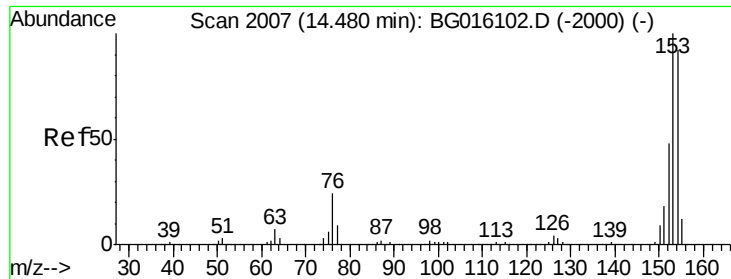
Tgt Ion:163 Resp: 65047
Ion Ratio Lower Upper
163 100
194 6.3 5.4 8.0
164 10.5 8.6 13.0



#50
2,6-Dinitrotoluene
Concen: 7.07 ng
RT: 13.99 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BG016142.D
Acq: 26 Mar 2015 16:20

Tgt Ion:165 Resp: 15303
Ion Ratio Lower Upper
165 100
63 42.6 33.8 50.6
89 49.5 35.8 53.8





#51

Acenaphthene

Concen: 6.63 ng

RT: 14.48 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BG016142.D

Acq: 26 Mar 2015 16:20

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

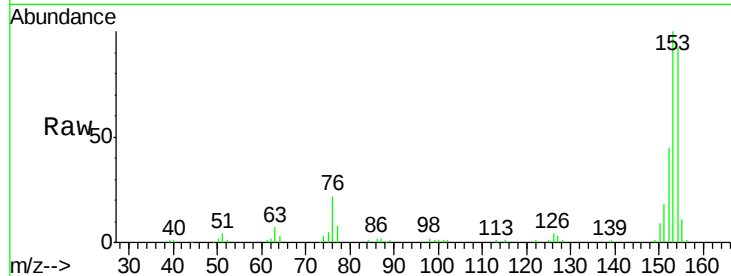
Tgt Ion:154 Resp: 54440

Ion Ratio Lower Upper

154 100

153 108.8 87.2 130.8

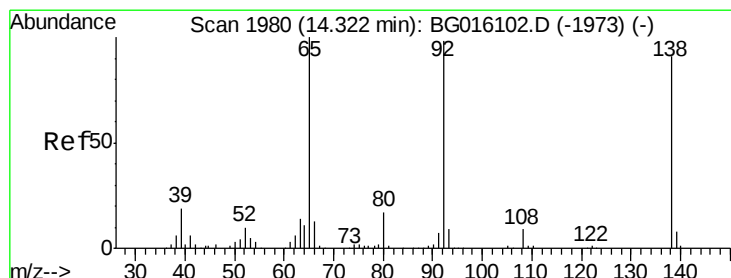
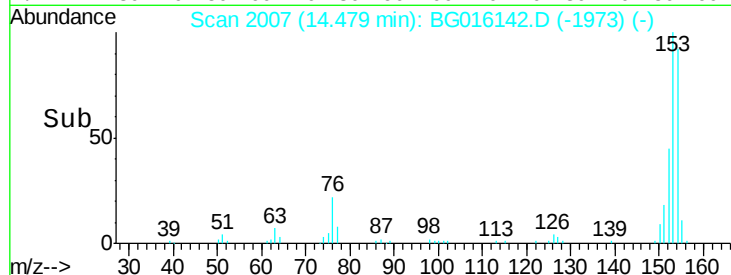
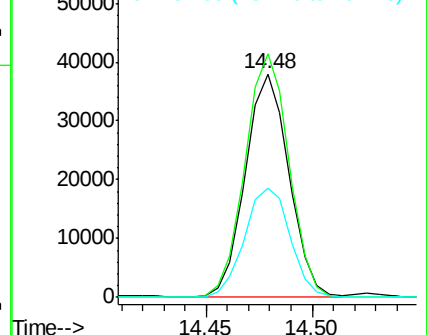
152 48.9 41.8 62.6



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: 6.66 ng

RT: 14.32 min Scan# 1980

Delta R.T. -0.01 min

Lab File: BG016142.D

Acq: 26 Mar 2015 16:20

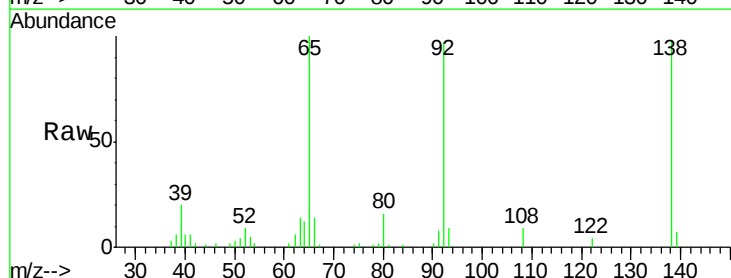
Tgt Ion:138 Resp: 17667

Ion Ratio Lower Upper

138 100

108 9.1 7.8 11.6

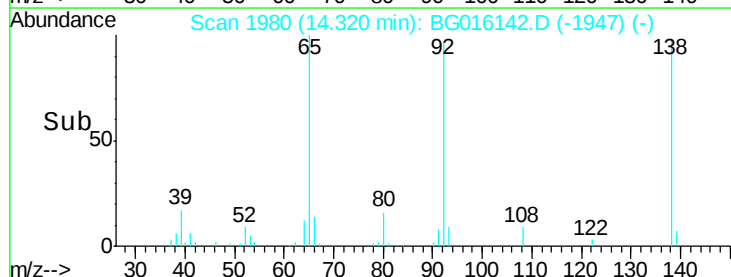
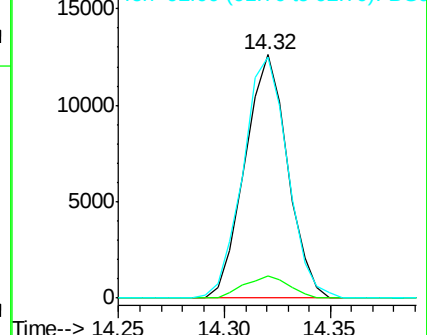
92 98.8 85.8 128.8

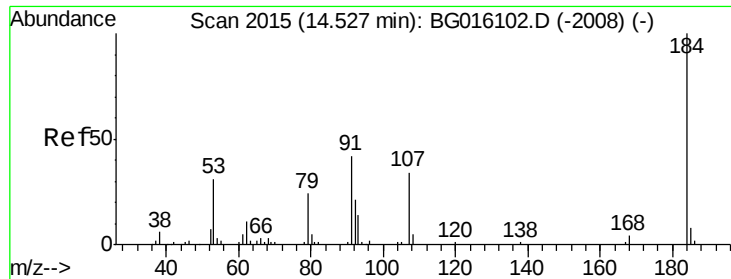


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

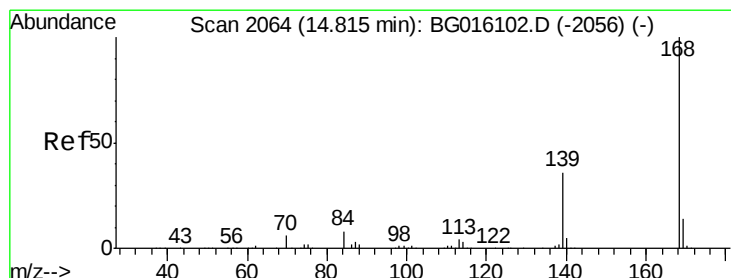
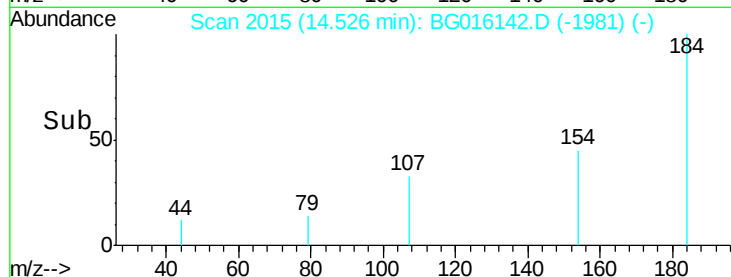
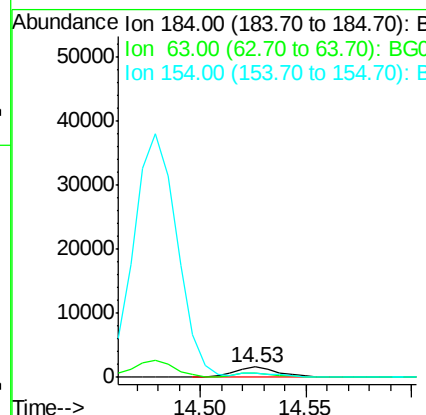
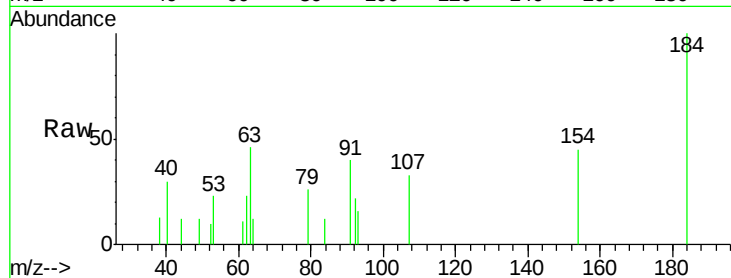




#53
 2,4-Dinitrophenol
 Concen: 7.03 ng
 RT: 14.53 min Scan# 2015
 Delta R.T. -0.00 min
 Lab File: BG016142.D
 Acq: 26 Mar 2015 16:20

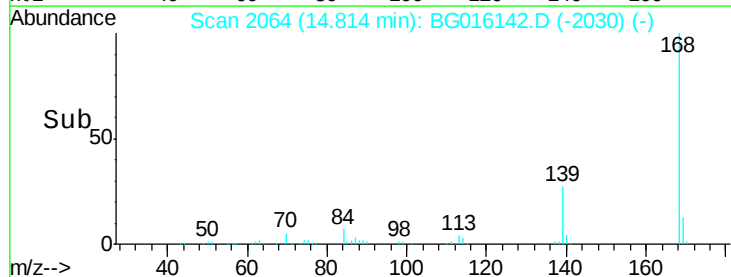
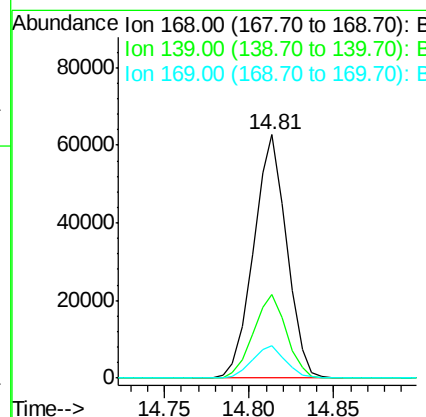
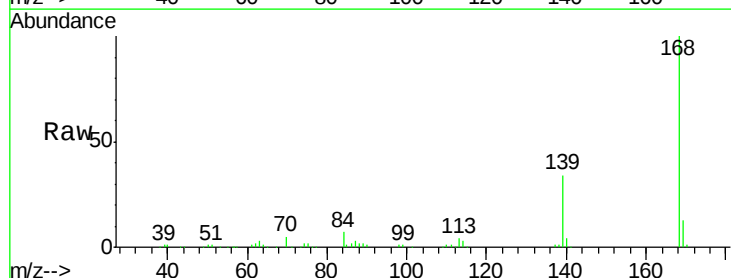
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

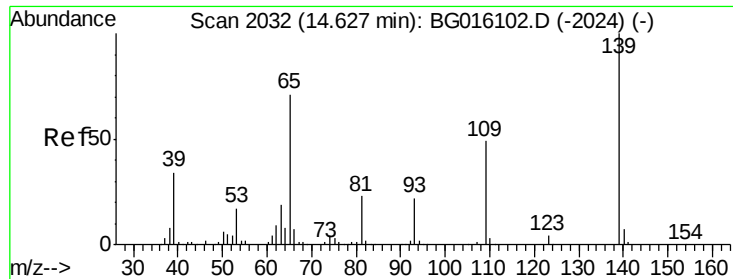
Tgt Ion:184 Resp: 2372
 Ion Ratio Lower Upper
 184 100
 63 45.9 36.5 54.7
 154 44.7 30.2 45.4



#54
 Dibenzofuran
 Concen: 7.43 ng
 RT: 14.81 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: BG016142.D
 Acq: 26 Mar 2015 16:20

Tgt Ion:168 Resp: 85259
 Ion Ratio Lower Upper
 168 100
 139 34.2 29.0 43.4
 169 13.4 11.1 16.7

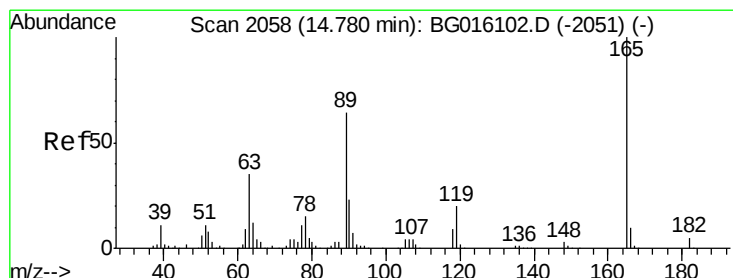
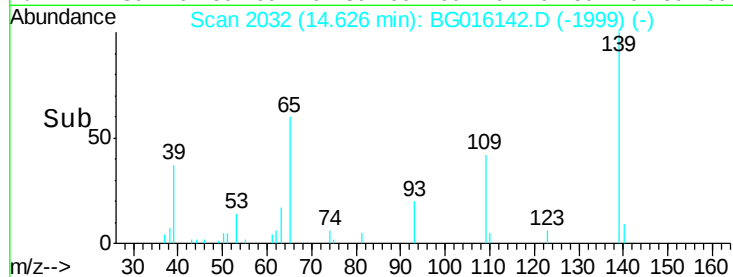
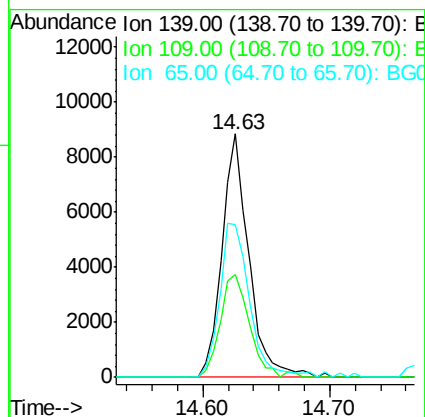
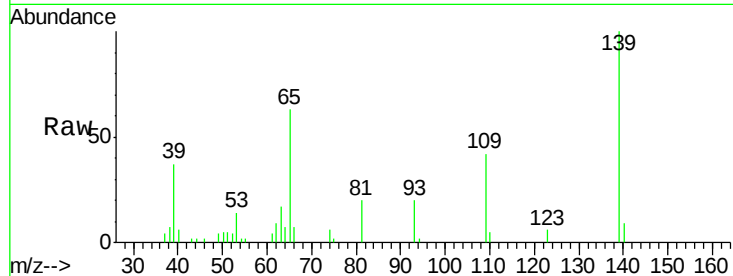




#55
4-Nitrophenol
Concen: 6.06 ng
RT: 14.63 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BG016142.D
Acq: 26 Mar 2015 16:20

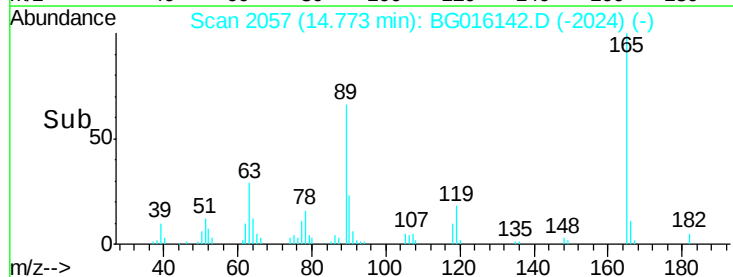
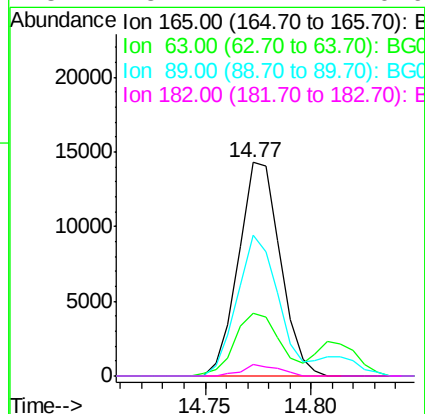
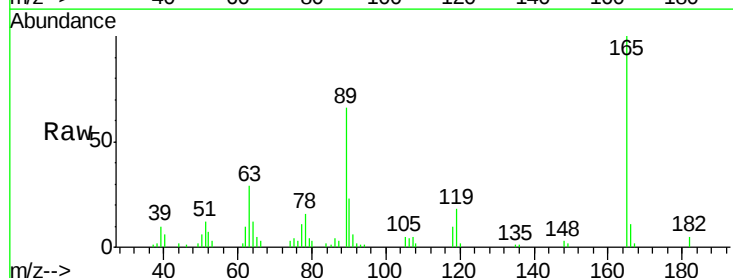
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

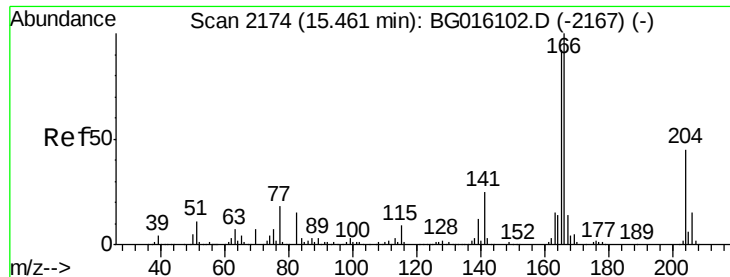
Tgt Ion:139 Resp: 13008
Ion Ratio Lower Upper
139 100
109 42.4 28.7 68.7
65 62.6 50.7 90.7



#56
2,4-Dinitrotoluene
Concen: 6.60 ng
RT: 14.77 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BG016142.D
Acq: 26 Mar 2015 16:20

Tgt Ion:165 Resp: 19571
Ion Ratio Lower Upper
165 100
63 29.1 27.8 41.6
89 66.1 51.2 76.8
182 5.2 4.4 6.6

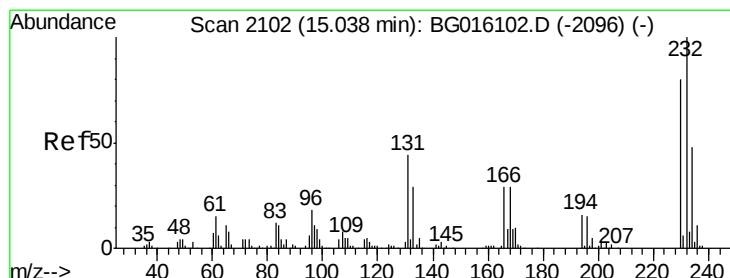
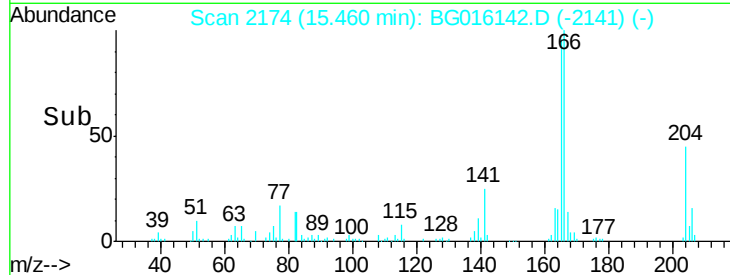
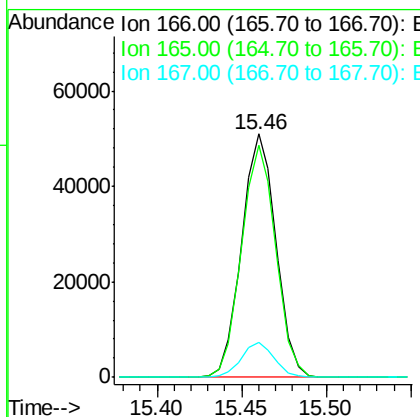
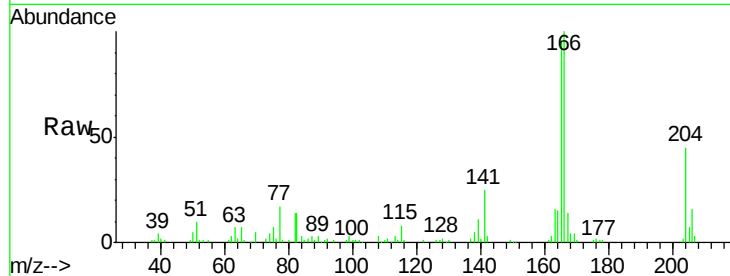




#57
 Fluorene
 Concen: 7.02 ng
 RT: 15.46 min Scan# 2174
 Delta R.T. -0.01 min
 Lab File: BG016142.D
 Acq: 26 Mar 2015 16:20

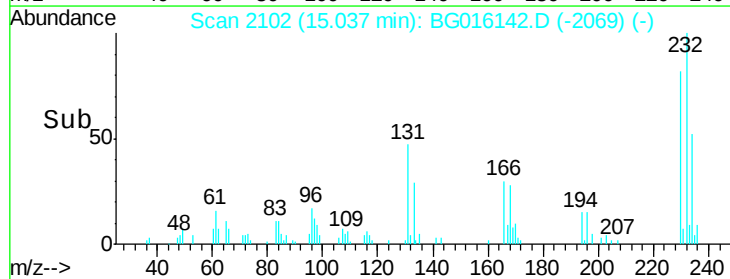
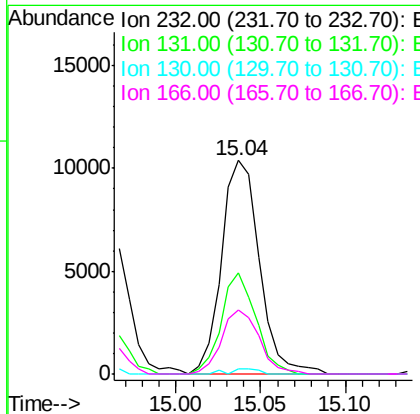
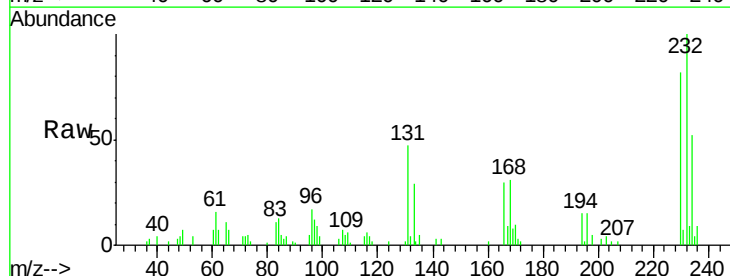
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

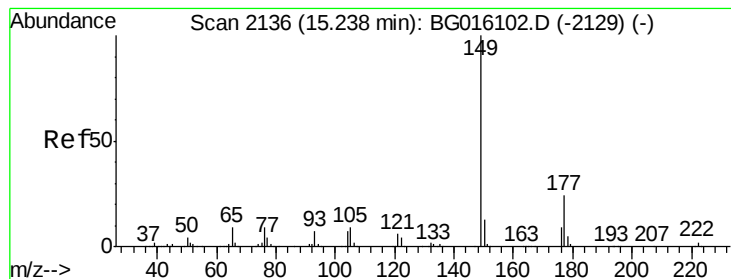
Tgt Ion:166 Resp: 71845
 Ion Ratio Lower Upper
 166 100
 165 95.6 73.9 110.9
 167 14.3 11.3 16.9



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 7.12 ng
 RT: 15.04 min Scan# 2102
 Delta R.T. -0.01 min
 Lab File: BG016142.D
 Acq: 26 Mar 2015 16:20

Tgt Ion:232 Resp: 16205
 Ion Ratio Lower Upper
 232 100
 131 43.0 36.0 54.0
 130 1.9 1.9 2.9#
 166 30.0 24.1 36.1





#59

Diethylphthalate

Concen: 7.08 ng

RT: 15.24 min Scan# 2136

Delta R.T. -0.01 min

Lab File: BG016142.D

Acq: 26 Mar 2015 16:20

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

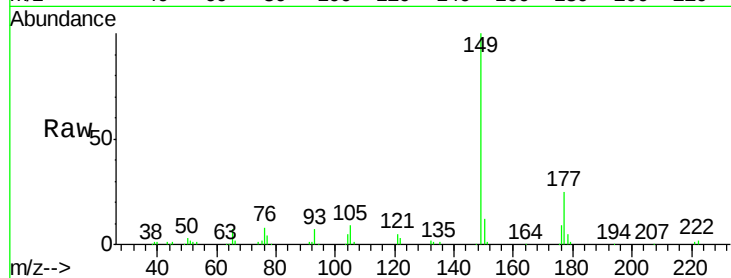
Tgt Ion:149 Resp: 66435

Ion Ratio Lower Upper

149 100

177 25.2 19.5 29.3

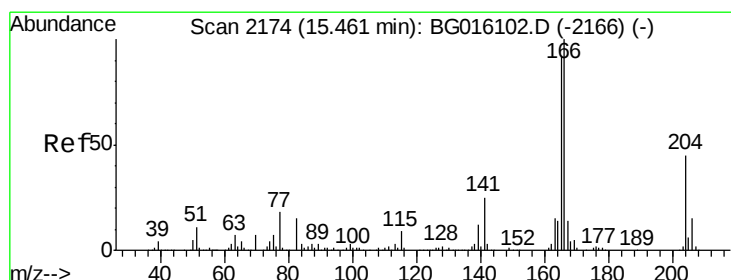
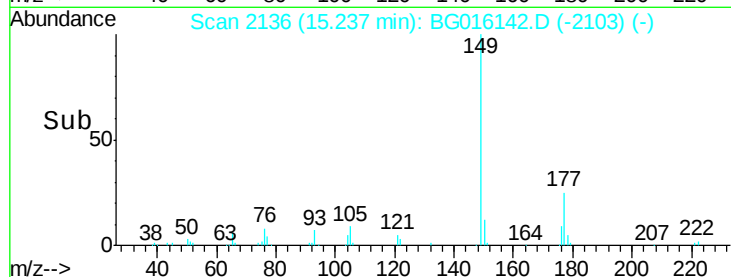
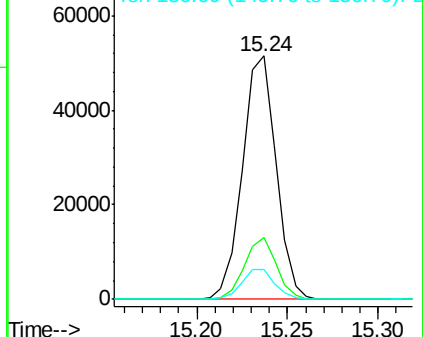
150 12.3 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 7.33 ng

RT: 15.45 min Scan# 2173

Delta R.T. -0.01 min

Lab File: BG016142.D

Acq: 26 Mar 2015 16:20

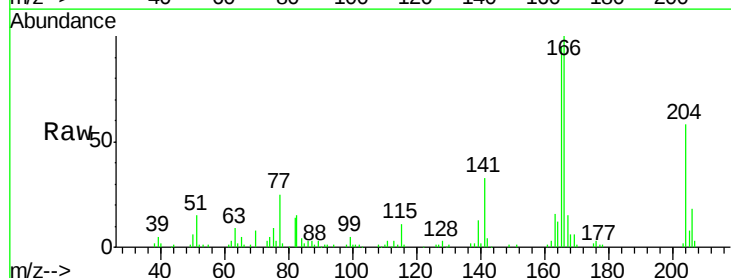
Tgt Ion:204 Resp: 33002

Ion Ratio Lower Upper

204 100

206 31.6 26.5 39.7

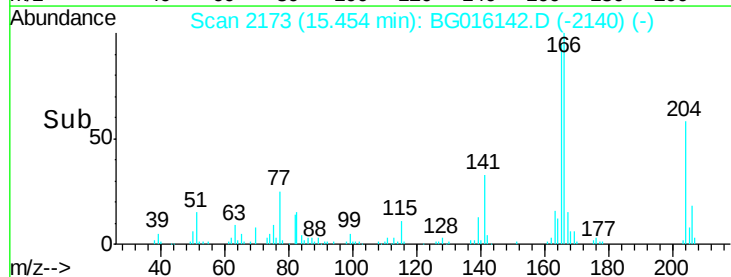
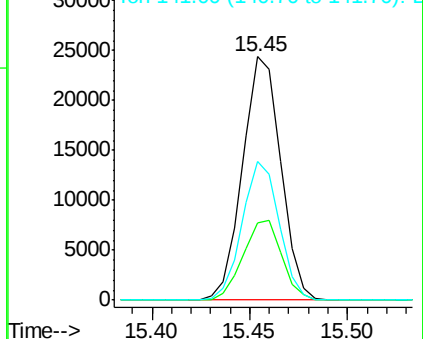
141 56.9 45.0 67.6

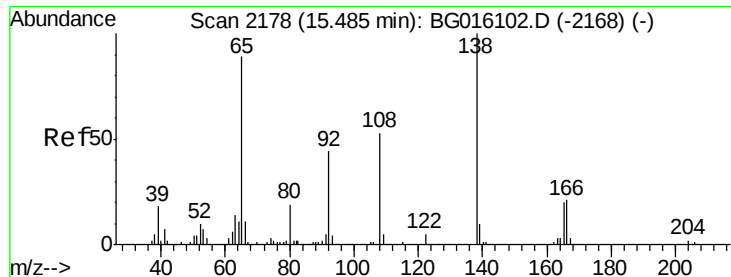


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

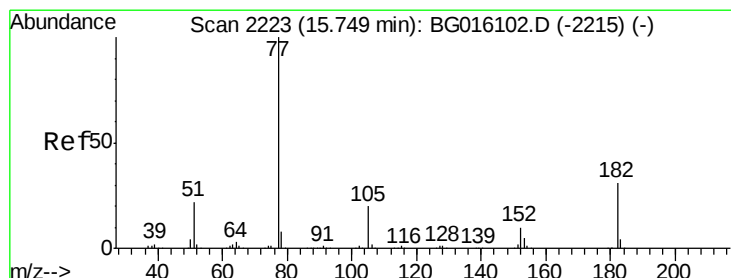
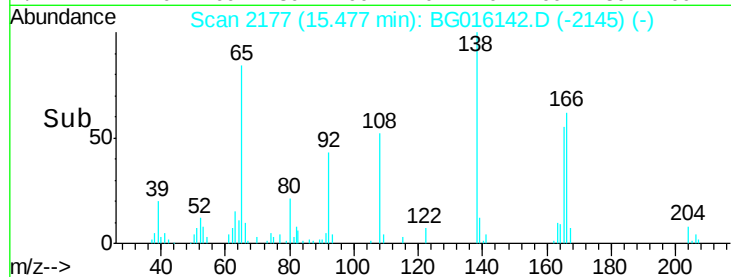
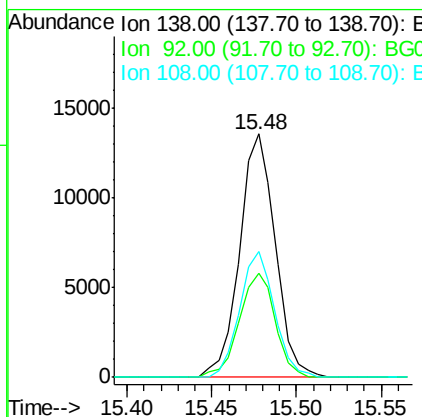
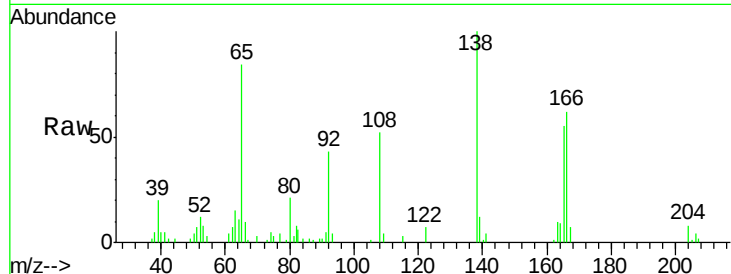




#61
4-Nitroaniline
Concen: 6.61 ng
RT: 15.48 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BG016142.D
Acq: 26 Mar 2015 16:20

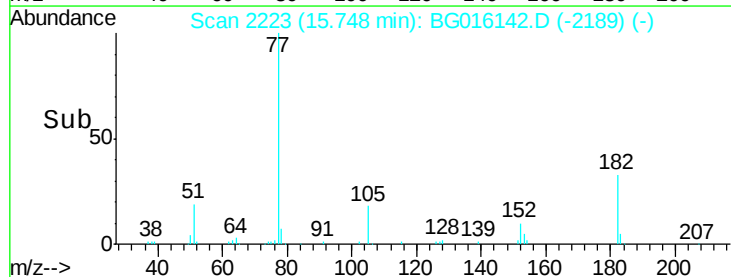
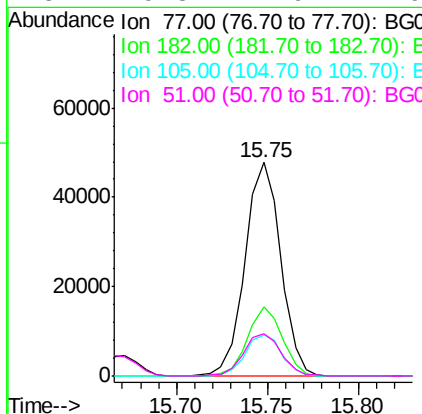
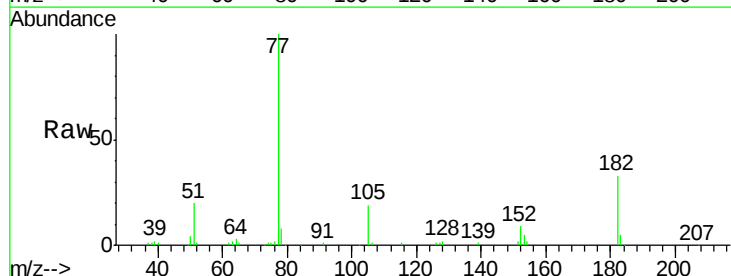
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

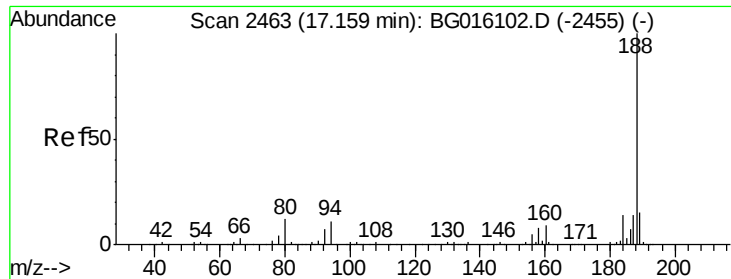
Tgt Ion: 138 Resp: 19839
Ion Ratio Lower Upper
138 100
92 43.0 24.2 64.2
108 51.9 32.7 72.7



#62
Azobenzene
Concen: 6.76 ng
RT: 15.75 min Scan# 2223
Delta R.T. -0.00 min
Lab File: BG016142.D
Acq: 26 Mar 2015 16:20

Tgt Ion: 77 Resp: 65341
Ion Ratio Lower Upper
77 100
182 32.5 10.9 50.9
105 19.2 0.0 40.0
51 19.8 1.9 41.9

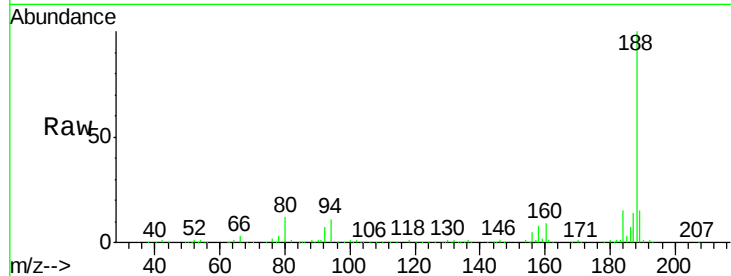




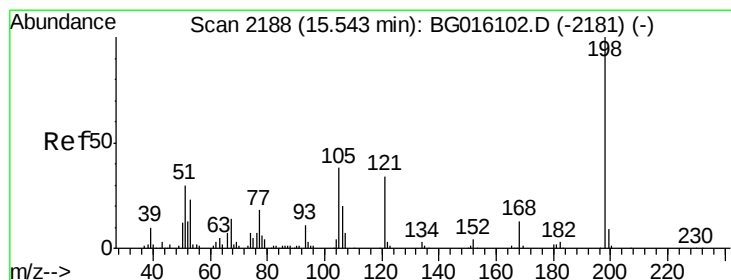
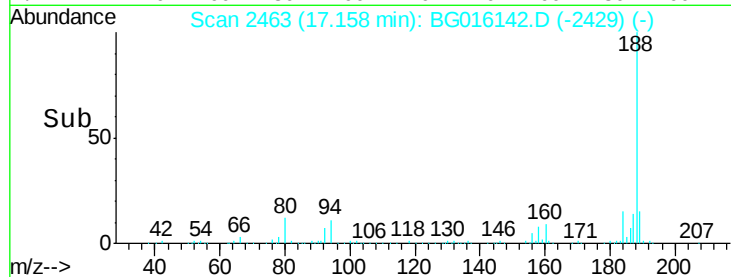
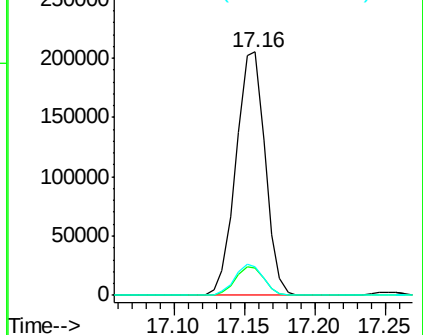
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.16 min Scan# 2463
 Delta R.T. -0.00 min
 Lab File: BG016142.D
 Acq: 26 Mar 2015 16:20

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

Tgt Ion:188 Resp: 295353
 Ion Ratio Lower Upper
 188 100
 94 11.1 9.1 13.7
 80 11.9 9.8 14.8

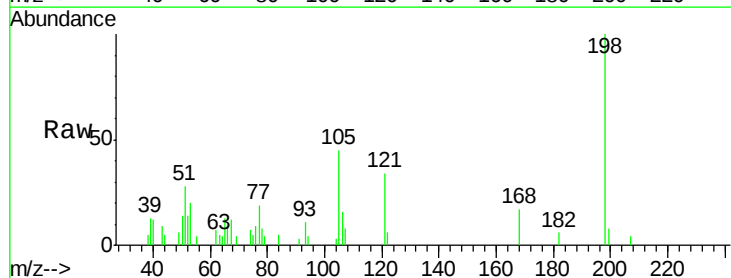


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

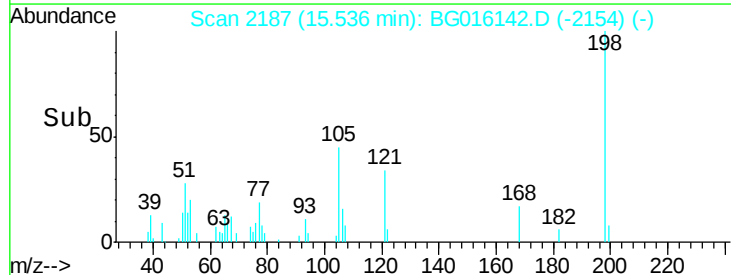
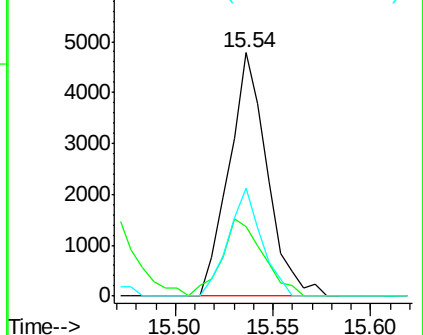


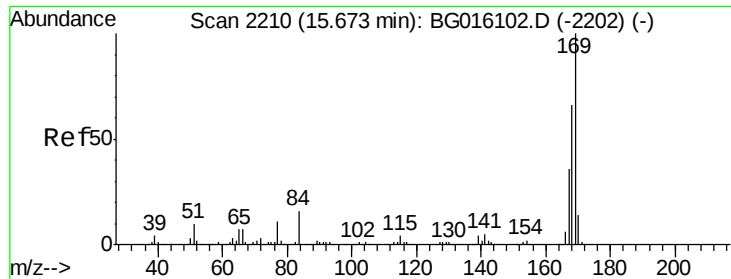
#64
 4,6-Dinitro-2-methylphenol
 Concen: 3.29 ng
 RT: 15.54 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BG016142.D
 Acq: 26 Mar 2015 16:20

Tgt Ion:198 Resp: 6461
 Ion Ratio Lower Upper
 198 100
 51 28.3 10.7 50.7
 105 44.6 18.3 58.3



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BGC
 Ion 105.00 (104.70 to 105.70): E

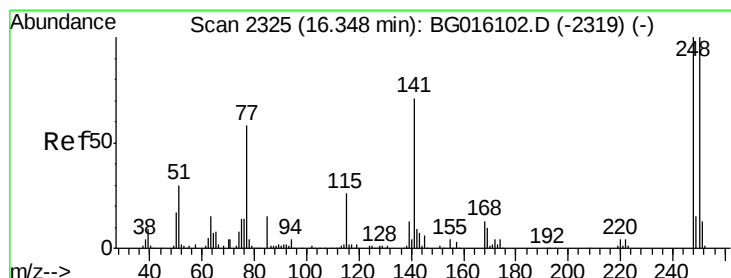
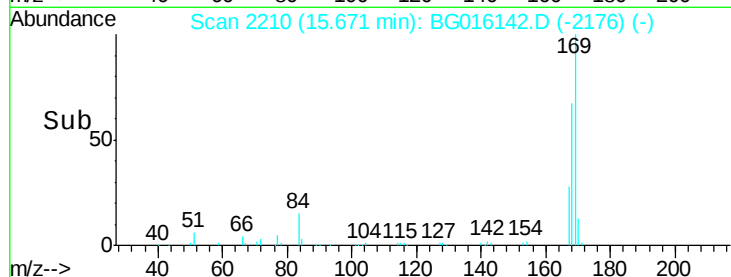
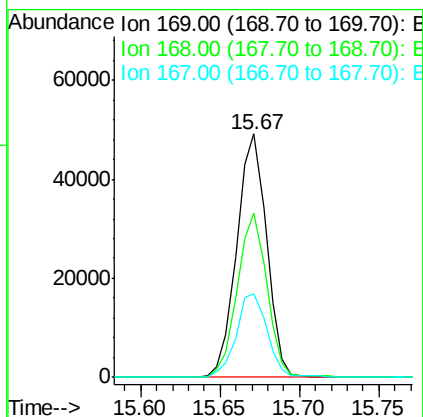
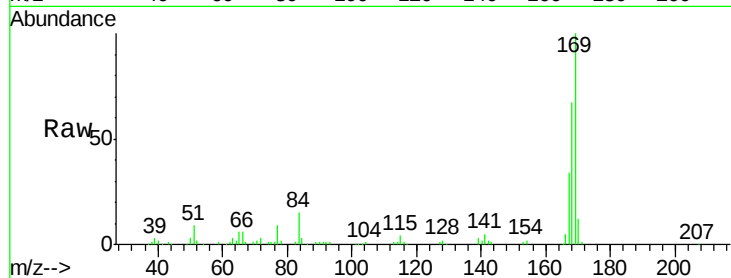




#65
n-Nitrosodiphenylamine
Concen: 6.82 ng
RT: 15.67 min Scan# 2210
Delta R.T. -0.00 min
Lab File: BG016142.D
Acq: 26 Mar 2015 16:20

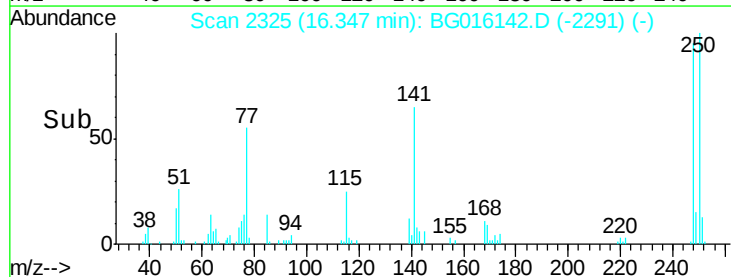
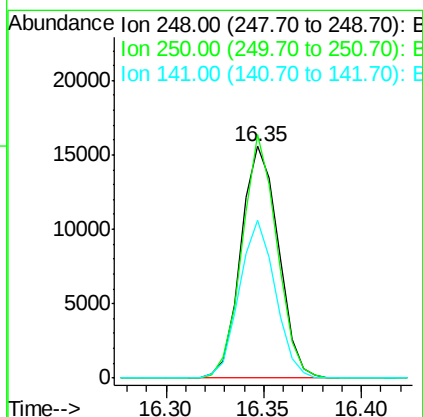
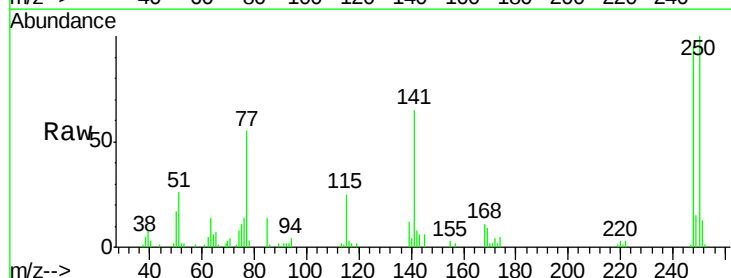
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

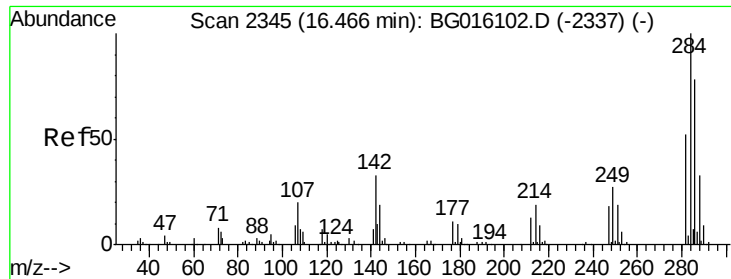
Tgt Ion:169 Resp: 64226
Ion Ratio Lower Upper
169 100
168 67.4 53.0 79.4
167 34.2 29.0 43.4



#66
4-Bromophenyl-phenylether
Concen: 6.86 ng
RT: 16.35 min Scan# 2325
Delta R.T. -0.00 min
Lab File: BG016142.D
Acq: 26 Mar 2015 16:20

Tgt Ion:248 Resp: 20805
Ion Ratio Lower Upper
248 100
250 104.9 80.2 120.2
141 67.9 57.0 85.4





#67

Hexachlorobenzene

Concen: 6.97 ng

RT: 16.46 min Scan# 2344

Delta R.T. -0.01 min

Lab File: BG016142.D

Acq: 26 Mar 2015 16:20

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

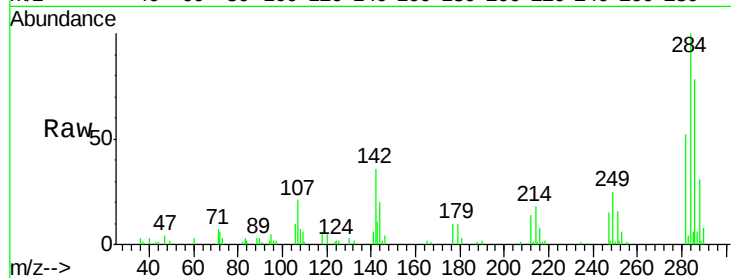
Tgt Ion:284 Resp: 23735

Ion Ratio Lower Upper

284 100

142 36.0 26.7 40.1

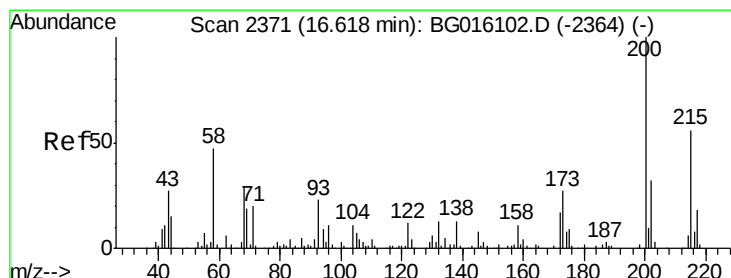
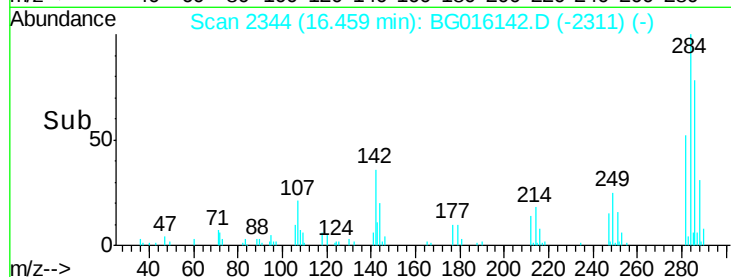
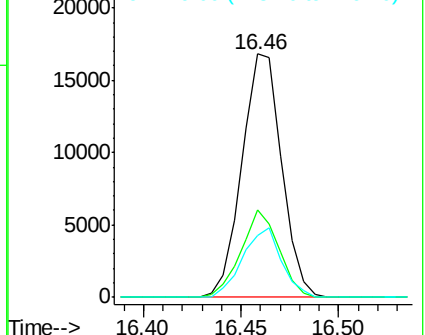
249 25.3 21.8 32.8



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 7.45 ng

RT: 16.62 min Scan# 2371

Delta R.T. -0.01 min

Lab File: BG016142.D

Acq: 26 Mar 2015 16:20

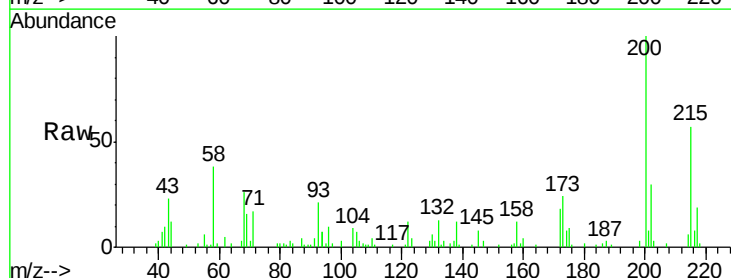
Tgt Ion:200 Resp: 20881

Ion Ratio Lower Upper

200 100

173 24.1 7.5 47.5

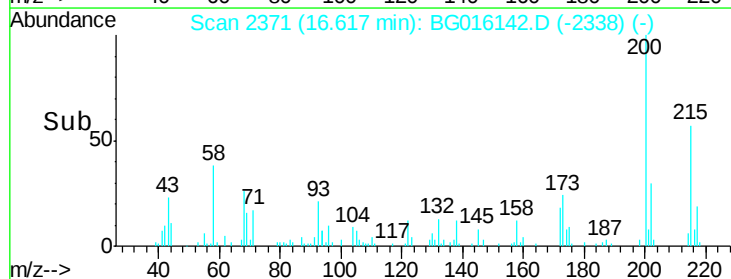
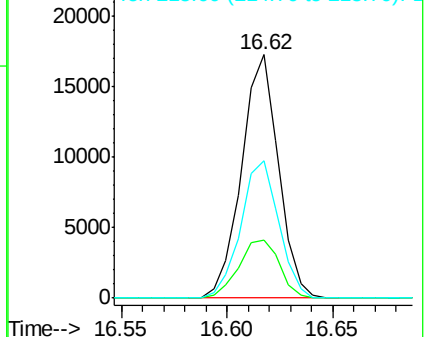
215 56.5 36.4 76.4

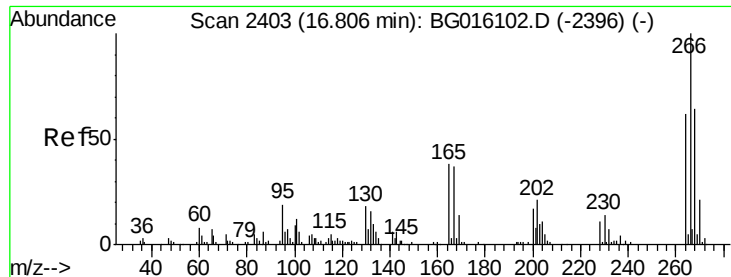


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

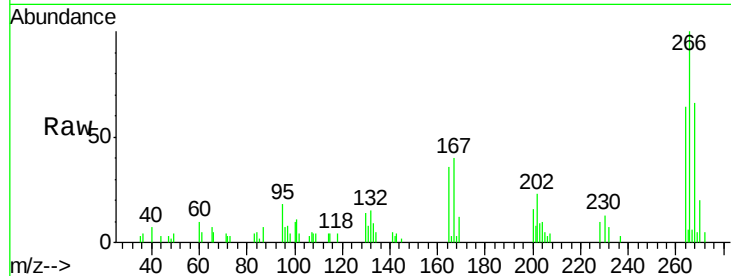




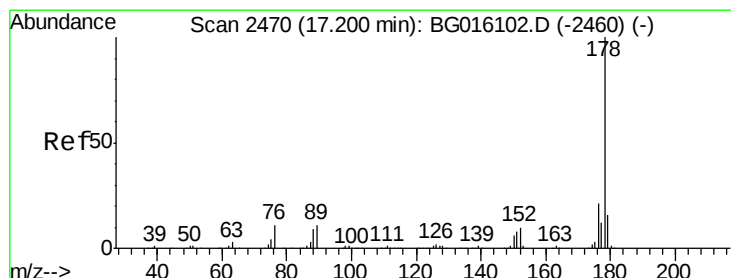
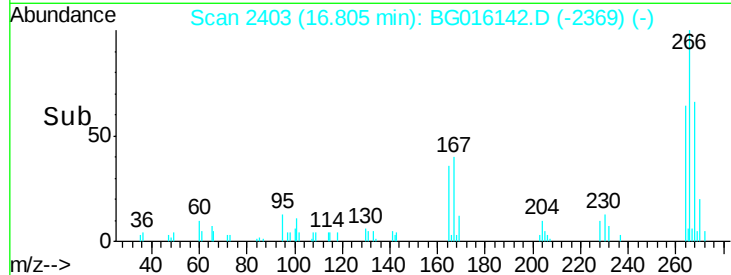
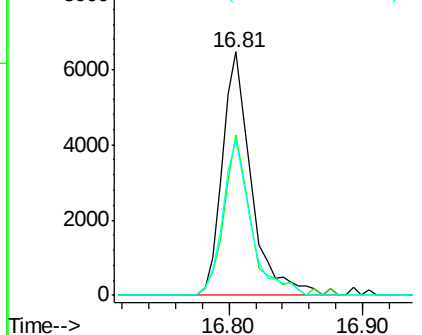
#69
 Pentachlorophenol
 Concen: 5.10 ng
 RT: 16.81 min Scan# 2403
 Delta R.T. -0.00 min
 Lab File: BG016142.D
 Acq: 26 Mar 2015 16:20

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

Tgt Ion:266 Resp: 9912
 Ion Ratio Lower Upper
 266 100
 268 65.8 51.5 77.3
 264 63.5 49.8 74.6

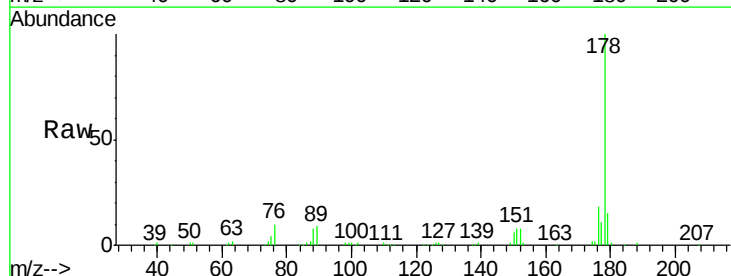


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

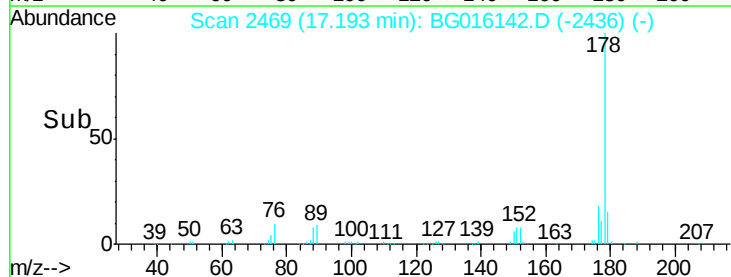
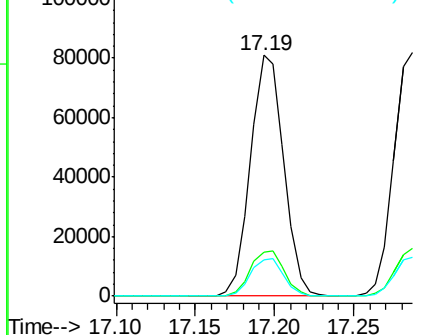


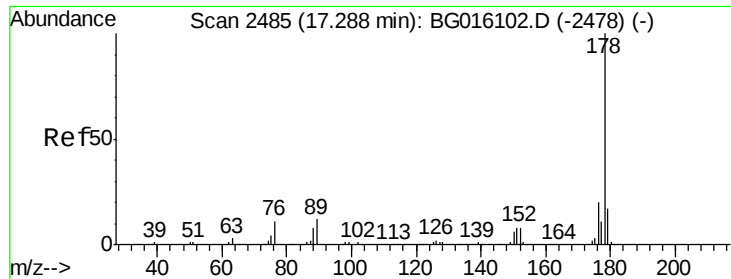
#70
 Phenanthrene
 Concen: 7.13 ng
 RT: 17.19 min Scan# 2469
 Delta R.T. -0.01 min
 Lab File: BG016142.D
 Acq: 26 Mar 2015 16:20

Tgt Ion:178 Resp: 118139
 Ion Ratio Lower Upper
 178 100
 176 18.3 16.5 24.7
 179 15.1 13.0 19.6



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

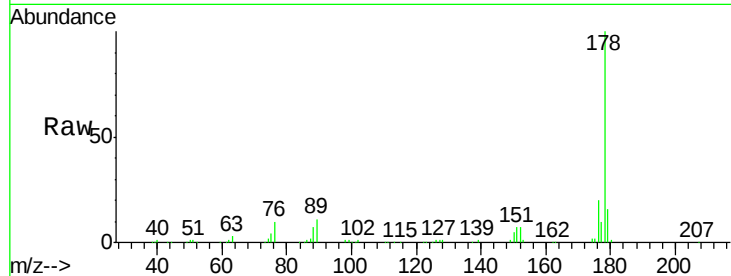




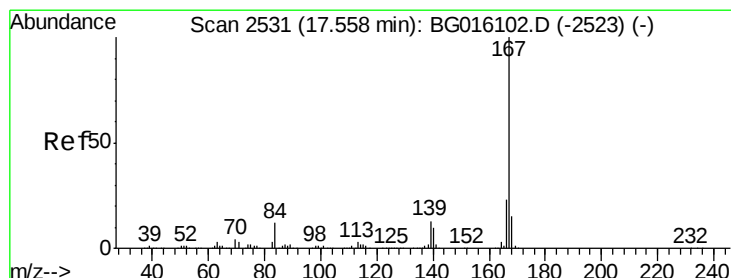
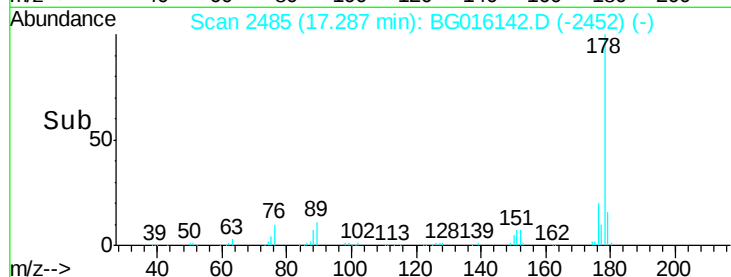
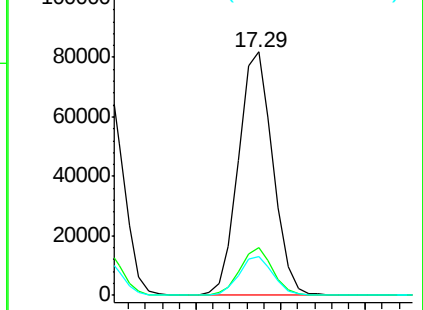
#71
 Anthracene
 Concen: 7.04 ng
 RT: 17.29 min Scan# 2485
 Delta R.T. -0.01 min
 Lab File: BG016142.D
 Acq: 26 Mar 2015 16:20

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

Tgt Ion:178 Resp: 115975
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.6 23.4
 179 15.9 13.3 19.9

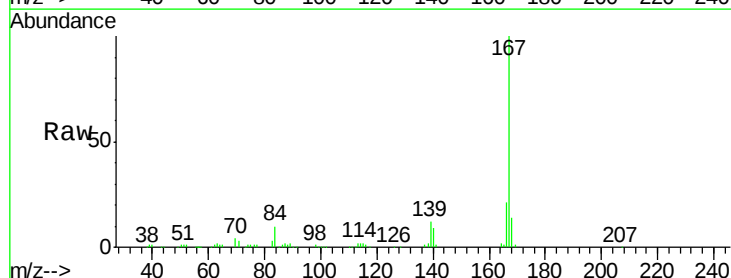


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

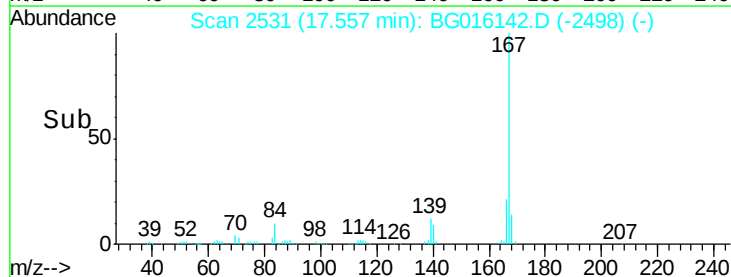
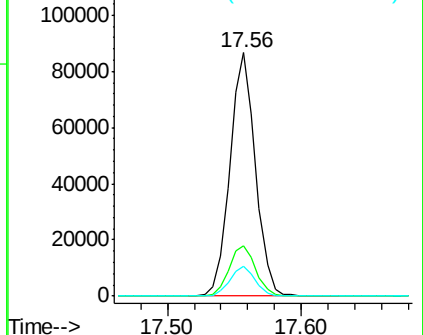


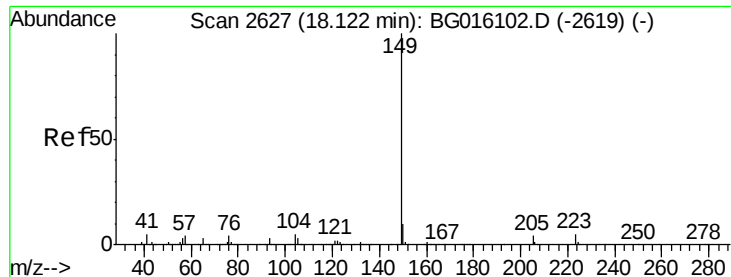
#72
 Carbazole
 Concen: 7.13 ng
 RT: 17.56 min Scan# 2531
 Delta R.T. -0.01 min
 Lab File: BG016142.D
 Acq: 26 Mar 2015 16:20

Tgt Ion:167 Resp: 115302
 Ion Ratio Lower Upper
 167 100
 166 20.8 18.2 27.2
 139 12.2 10.7 16.1



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

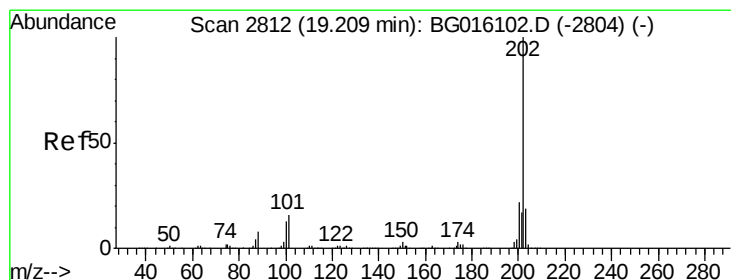
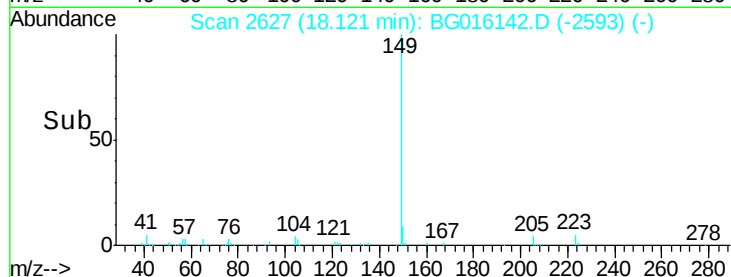
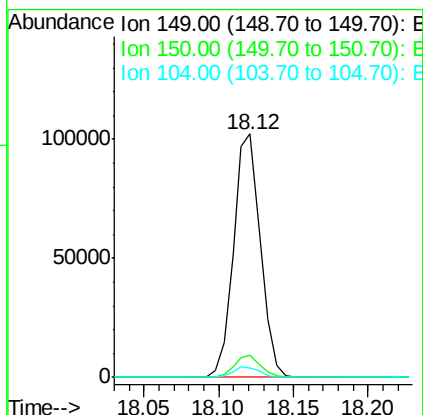
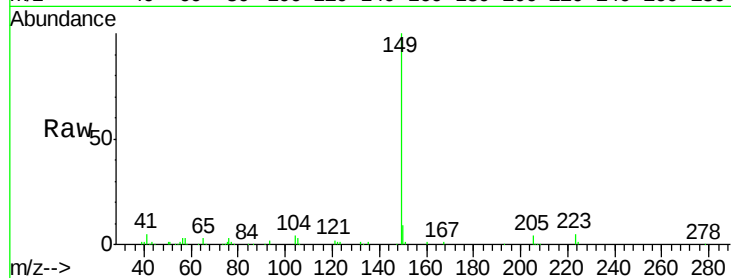




#73
Di-n-butylphthalate
Concen: 7.01 ng
RT: 18.12 min Scan# 2627
Delta R.T. -0.00 min
Lab File: BG016142.D
Acq: 26 Mar 2015 16:20

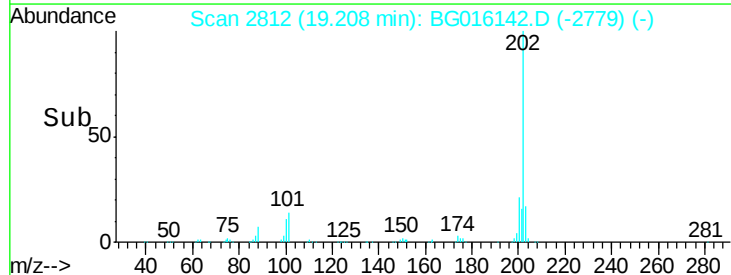
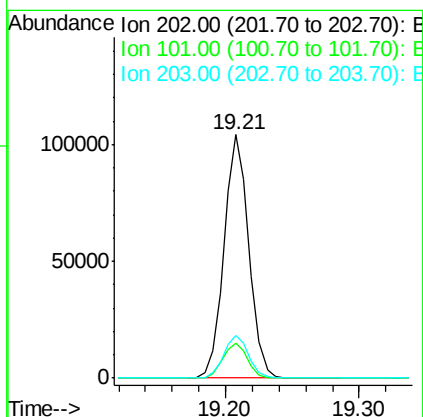
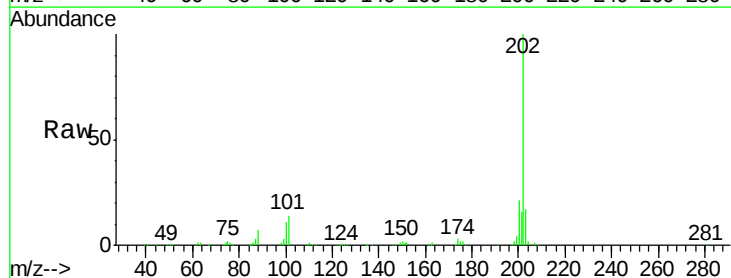
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

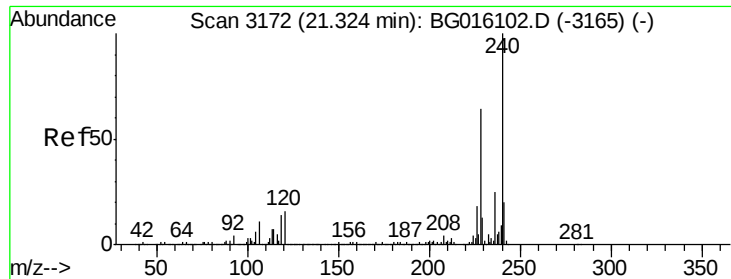
Tgt Ion:149 Resp: 128180
Ion Ratio Lower Upper
149 100
150 9.2 8.0 12.0
104 3.8 3.8 5.6



#74
Fluoranthene
Concen: 7.34 ng
RT: 19.21 min Scan# 2812
Delta R.T. -0.01 min
Lab File: BG016142.D
Acq: 26 Mar 2015 16:20

Tgt Ion:202 Resp: 135421
Ion Ratio Lower Upper
202 100
101 14.4 0.0 35.9
203 17.3 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.32 min Scan# 3172

Delta R.T. -0.01 min

Lab File: BG016142.D

Acq: 26 Mar 2015 16:20

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

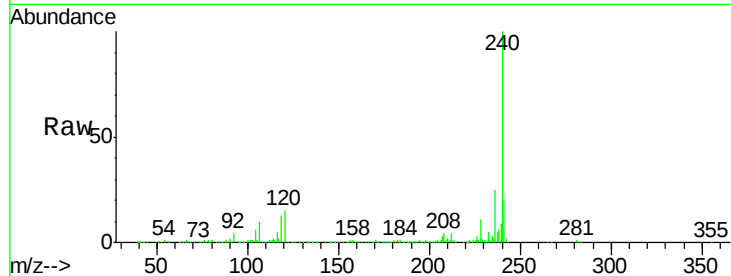
Tgt Ion:240 Resp: 328203

Ion Ratio Lower Upper

240 100

120 15.2 13.0 19.4

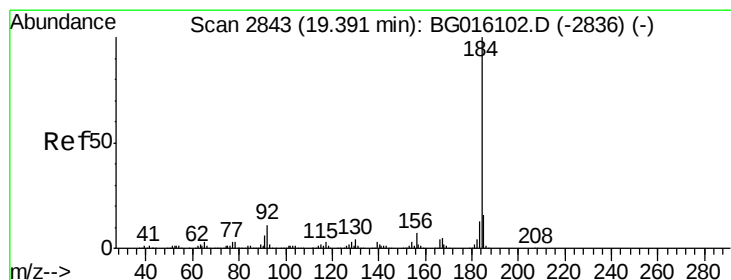
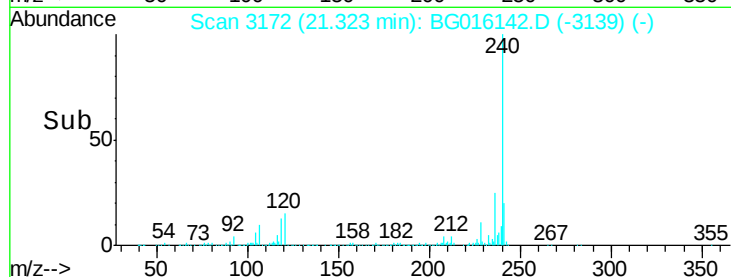
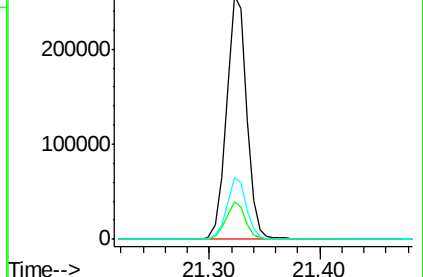
236 25.5 20.2 30.2



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: 6.68 ng

RT: 19.40 min Scan# 2844

Delta R.T. -0.00 min

Lab File: BG016142.D

Acq: 26 Mar 2015 16:20

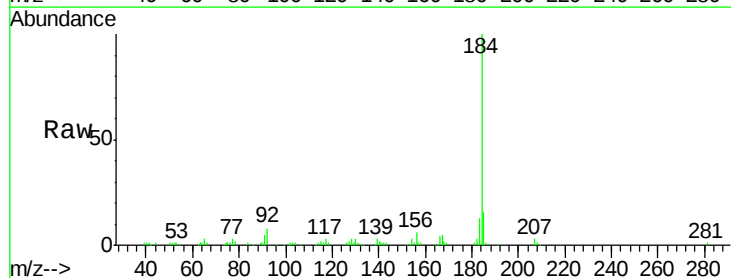
Tgt Ion:184 Resp: 57453

Ion Ratio Lower Upper

184 100

185 15.7 12.6 18.8

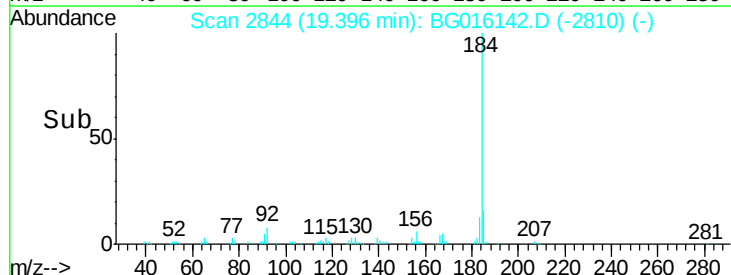
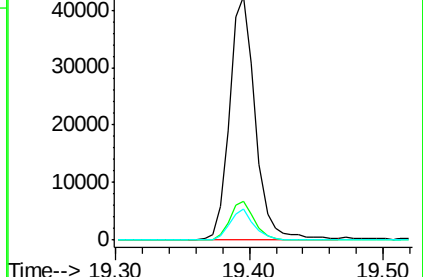
183 12.7 10.2 15.4

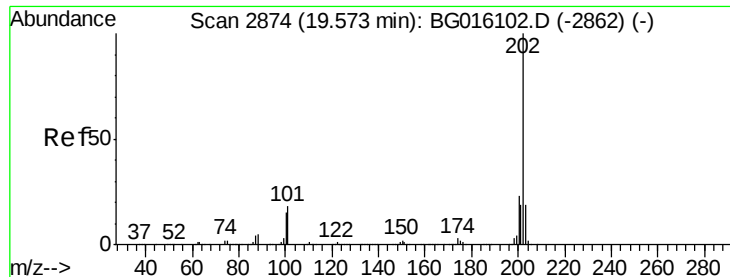


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 7.04 ng

RT: 19.57 min Scan# 2874

Delta R.T. -0.00 min

Lab File: BG016142.D

Acq: 26 Mar 2015 16:20

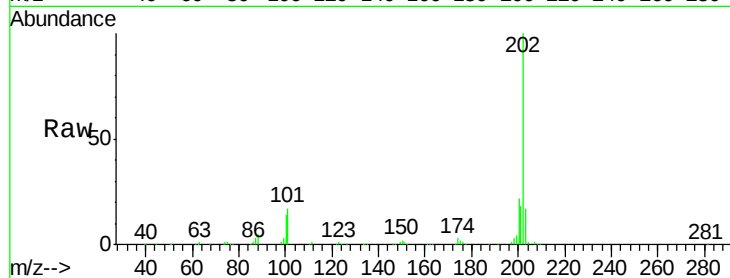
Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

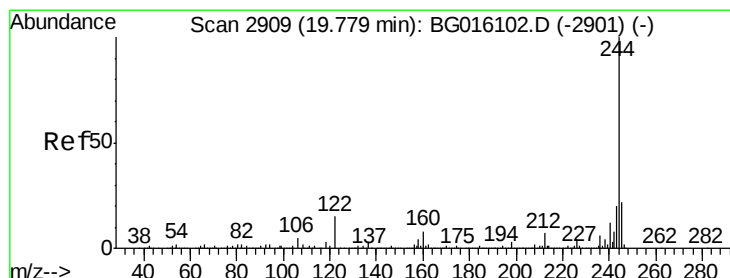
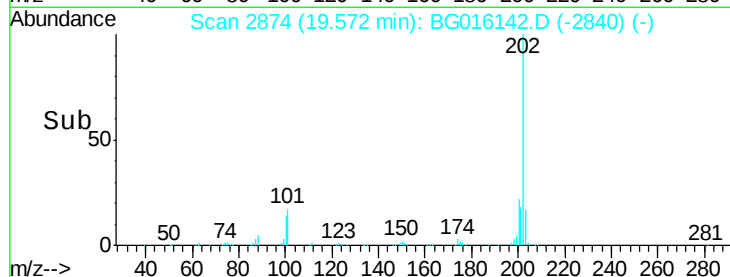
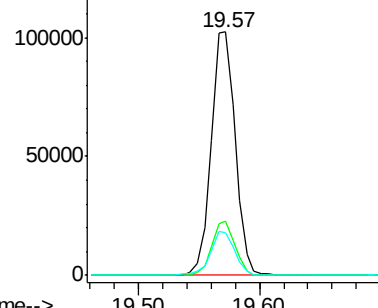
Tgt Ion:	202	Resp:	142417
Ion	Ratio	Lower	Upper
202	100		
200	22.3	18.4	27.6
203	17.3	15.4	23.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 88.90 ng

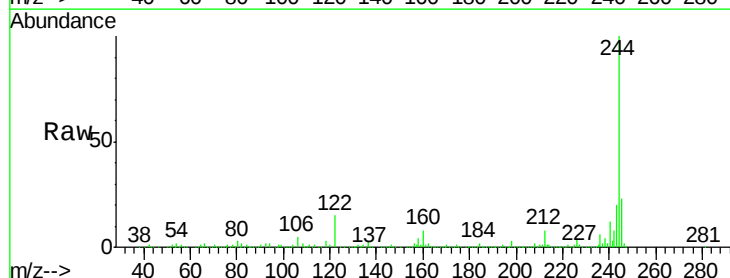
RT: 19.78 min Scan# 2909

Delta R.T. -0.00 min

Lab File: BG016142.D

Acq: 26 Mar 2015 16:20

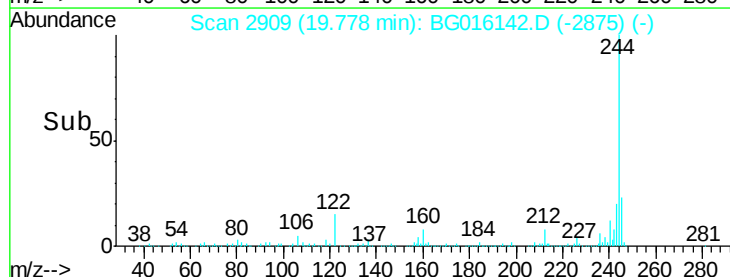
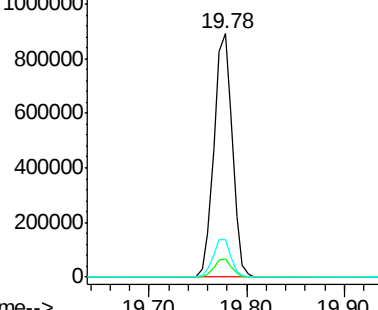
Tgt Ion:	244	Resp:	1158487
Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.9	8.9
122	15.3	12.2	18.2

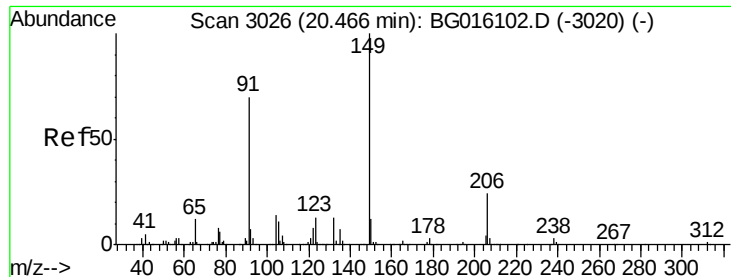


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 6.41 ng

RT: 20.46 min Scan# 3026

Delta R.T. -0.01 min

Lab File: BG016142.D

Acq: 26 Mar 2015 16:20

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

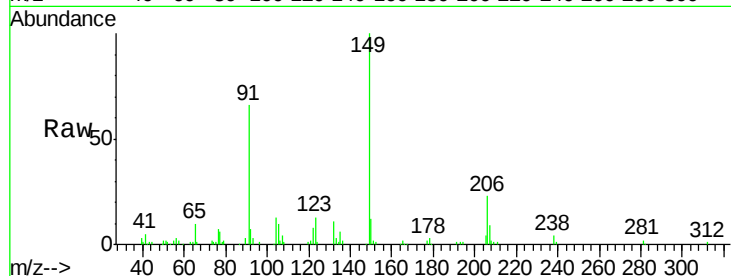
Tgt Ion:149 Resp: 54097

Ion Ratio Lower Upper

149 100

91 66.4 55.8 83.6

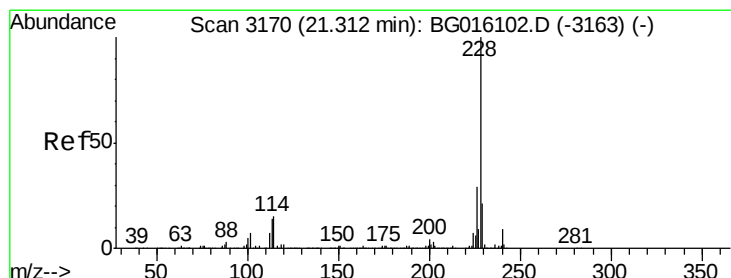
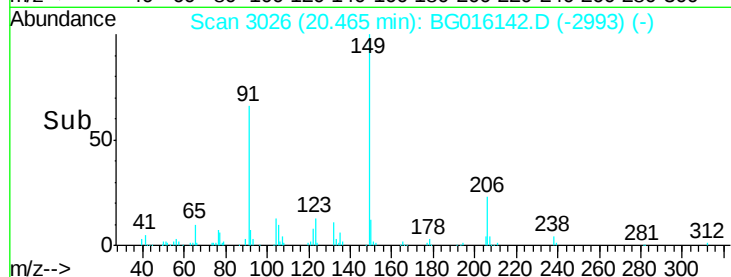
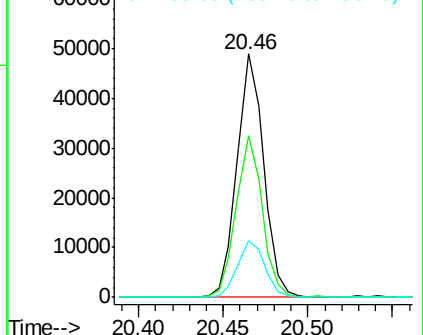
206 23.3 19.1 28.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 7.01 ng

RT: 21.31 min Scan# 3170

Delta R.T. -0.01 min

Lab File: BG016142.D

Acq: 26 Mar 2015 16:20

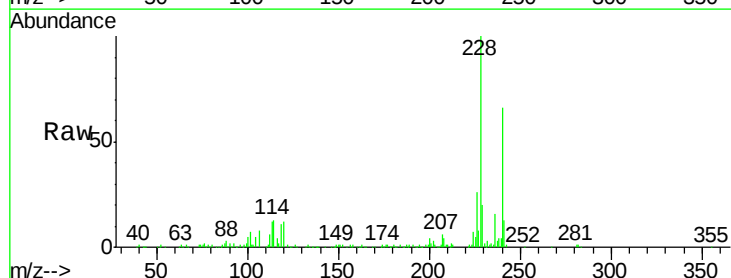
Tgt Ion:228 Resp: 130423

Ion Ratio Lower Upper

228 100

226 26.4 23.0 34.4

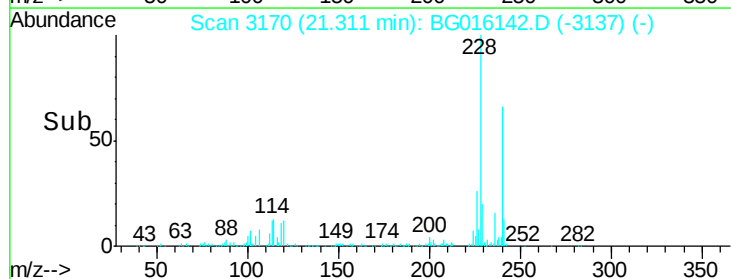
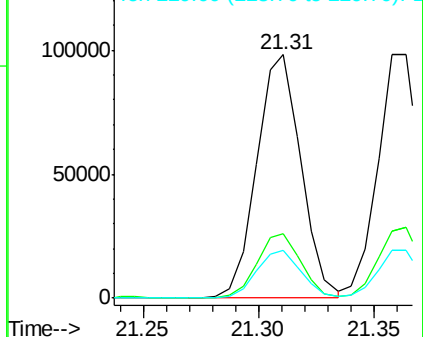
229 19.6 16.8 25.2

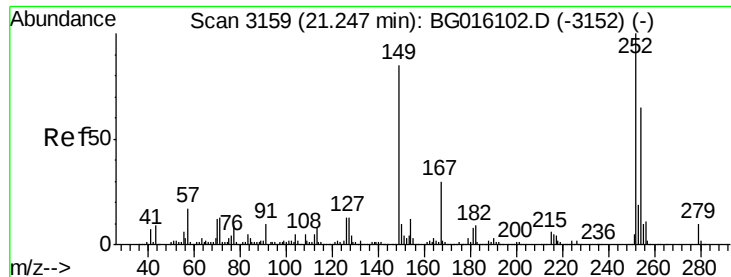


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

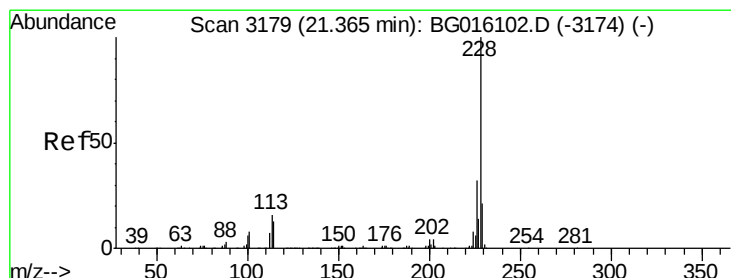
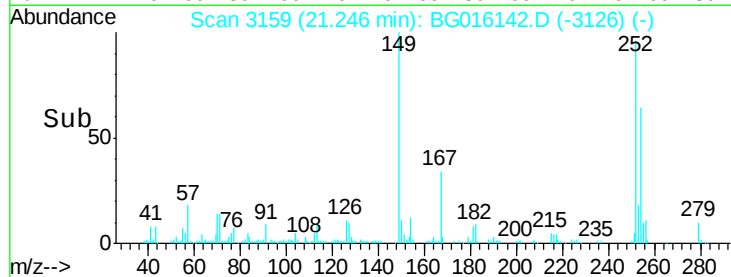
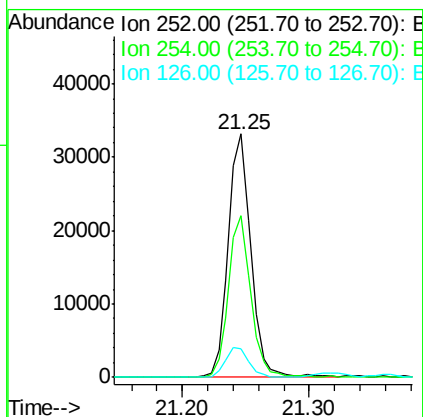
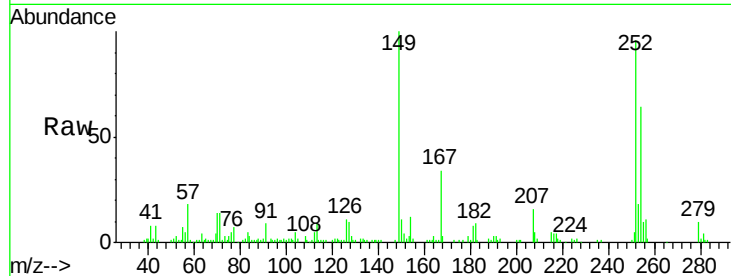




#81
 3,3'-Dichlorobenzidine
 Concen: 6.31 ng
 RT: 21.25 min Scan# 3159
 Delta R.T. -0.01 min
 Lab File: BG016142.D
 Acq: 26 Mar 2015 16:20

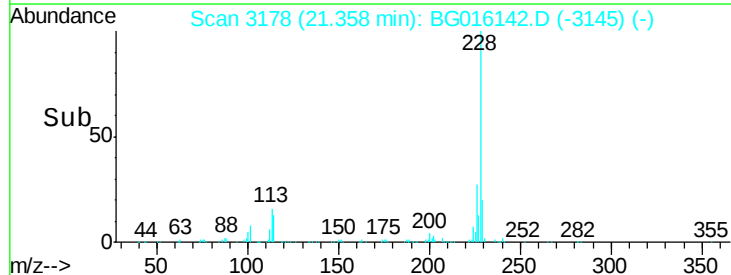
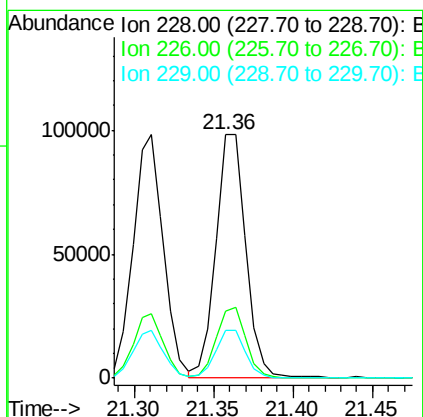
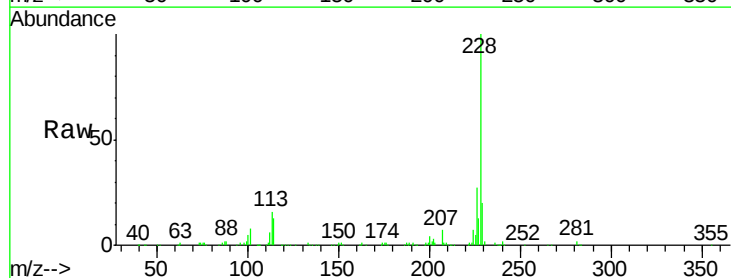
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

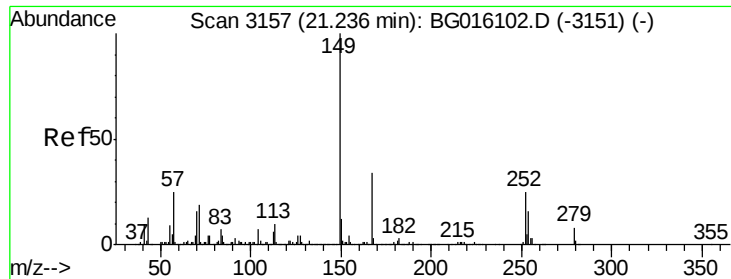
Tgt Ion:252 Resp: 40852
 Ion Ratio Lower Upper
 252 100
 254 66.6 51.7 77.5
 126 11.9 10.6 16.0



#82
 Chrysene
 Concen: 7.51 ng
 RT: 21.36 min Scan# 3178
 Delta R.T. -0.01 min
 Lab File: BG016142.D
 Acq: 26 Mar 2015 16:20

Tgt Ion:228 Resp: 128065
 Ion Ratio Lower Upper
 228 100
 226 27.4 25.7 38.5
 229 19.8 17.0 25.6

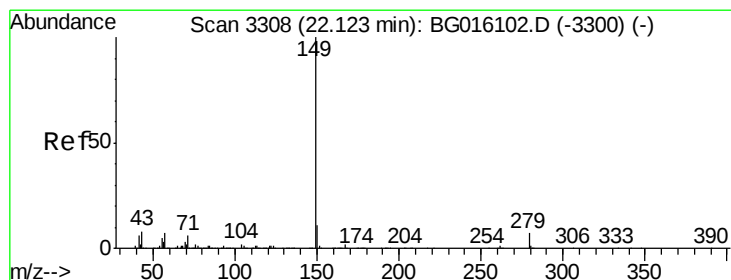
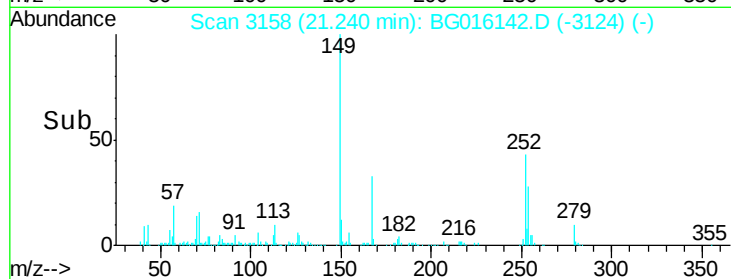
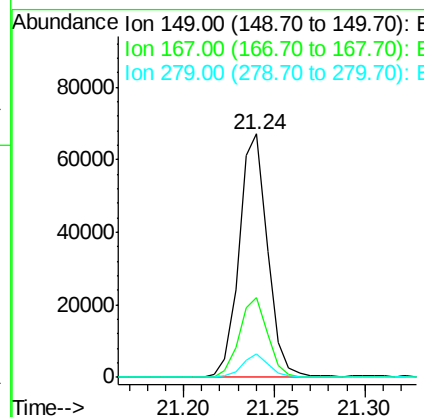
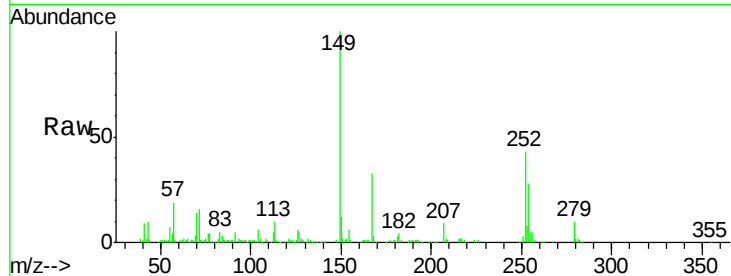




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 6.33 ng
 RT: 21.24 min Scan# 3158
 Delta R.T. -0.00 min
 Lab File: BG016142.D
 Acq: 26 Mar 2015 16:20

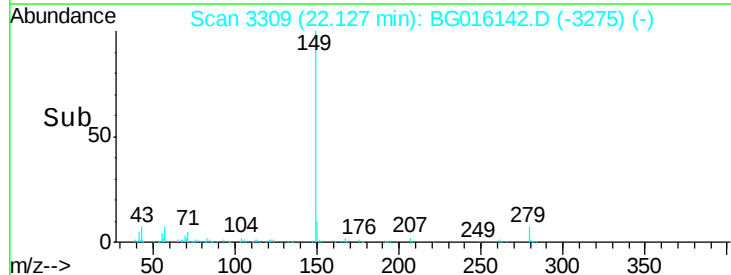
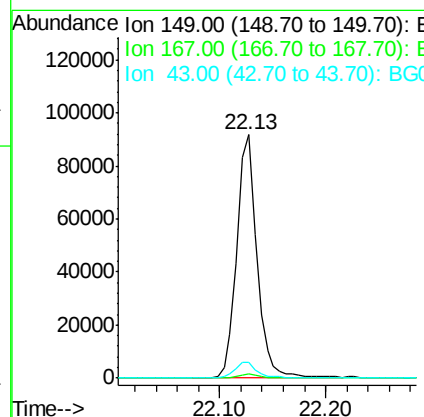
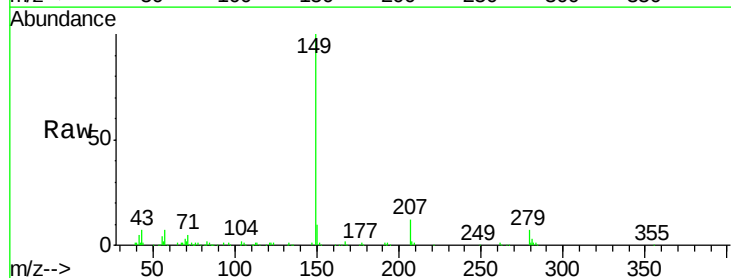
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

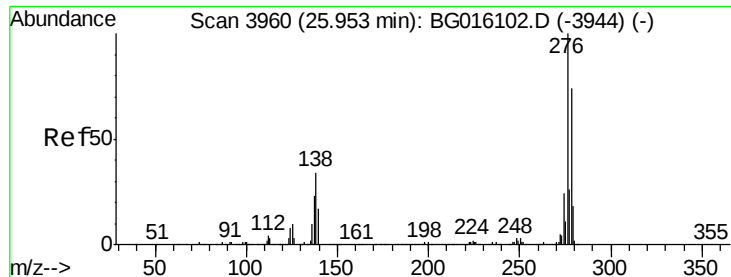
Tgt Ion:149 Resp: 73372
 Ion Ratio Lower Upper
 149 100
 167 32.5 27.1 40.7
 279 9.8 6.4 9.6#



#84
 Di-n-octyl phthalate
 Concen: 6.21 ng
 RT: 22.13 min Scan# 3309
 Delta R.T. -0.00 min
 Lab File: BG016142.D
 Acq: 26 Mar 2015 16:20

Tgt Ion:149 Resp: 121301
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.4 2.0
 43 7.5 6.1 9.1





#85

Indeno(1,2,3-cd)pyrene

Concen: 6.41 ng

RT: 25.94 min Scan# 3958

Delta R.T. -0.03 min

Lab File: BG016142.D

Acq: 26 Mar 2015 16:20

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

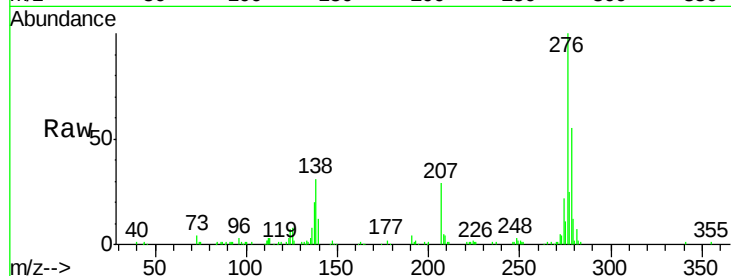
Tgt Ion:276 Resp: 140645

Ion Ratio Lower Upper

276 100

138 32.4 26.9 40.3

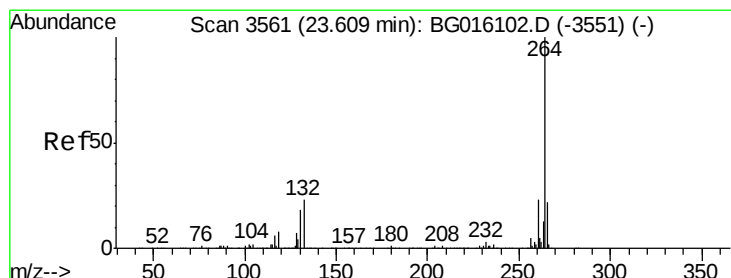
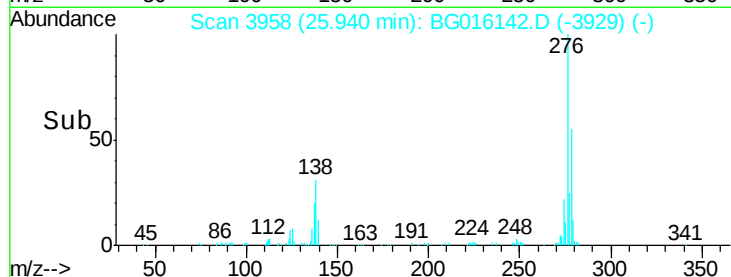
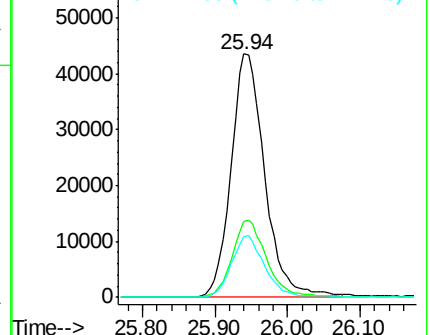
277 24.9 20.7 31.1



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: 23.61 min Scan# 3561

Delta R.T. -0.01 min

Lab File: BG016142.D

Acq: 26 Mar 2015 16:20

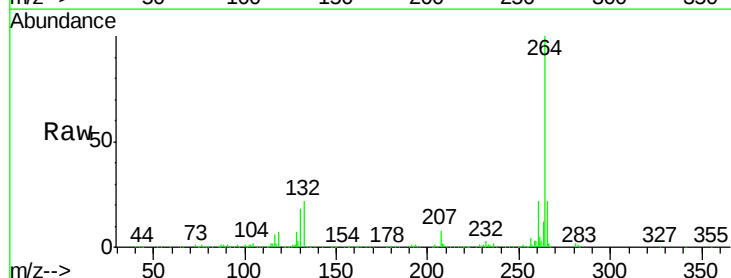
Tgt Ion:264 Resp: 311886

Ion Ratio Lower Upper

264 100

260 22.5 18.4 27.6

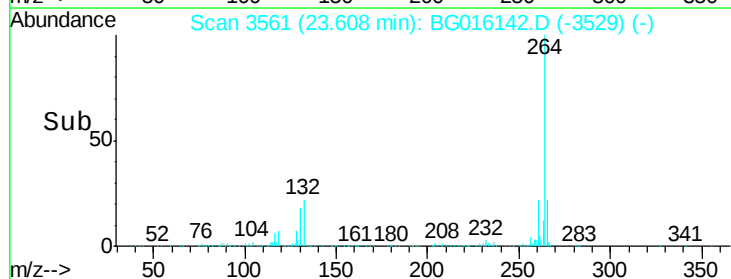
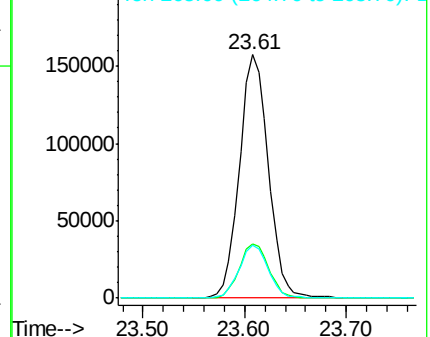
265 21.7 17.3 25.9

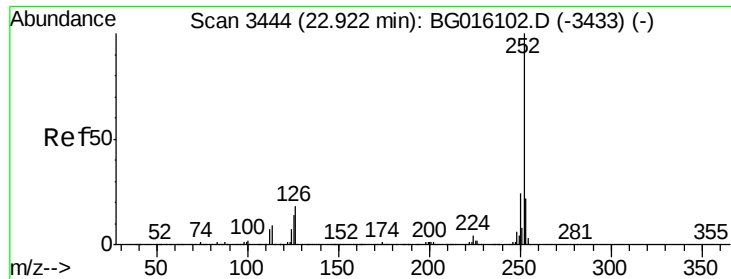


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

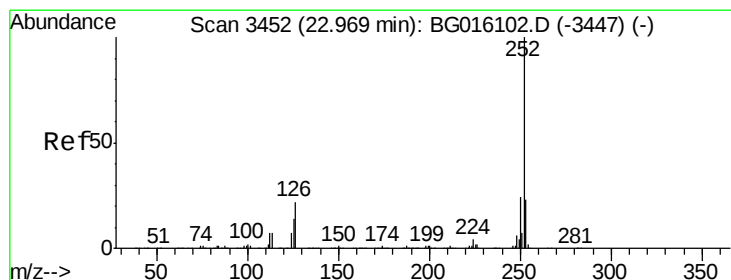
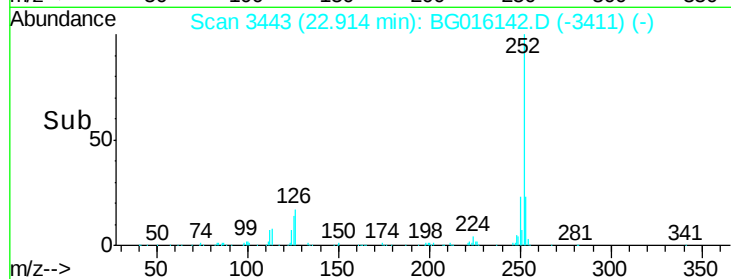
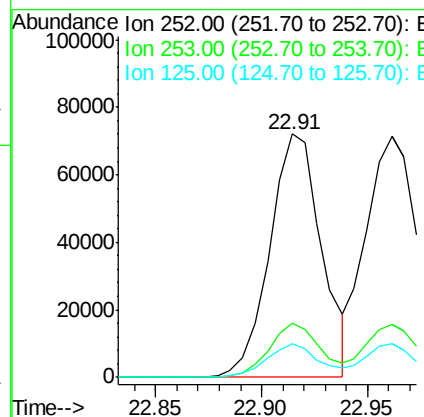
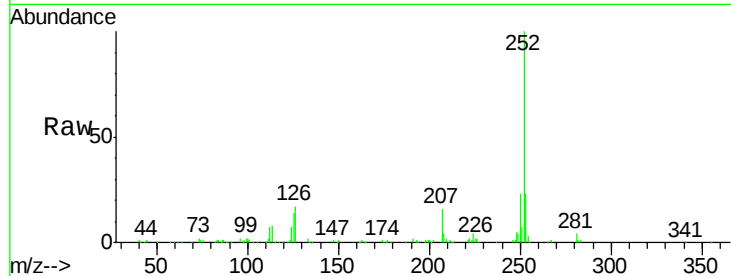




#87
Benzo(b)fluoranthene
Concen: 6.81 ng
RT: 22.91 min Scan# 3443
Delta R.T. -0.01 min
Lab File: BG016142.D
Acq: 26 Mar 2015 16:20

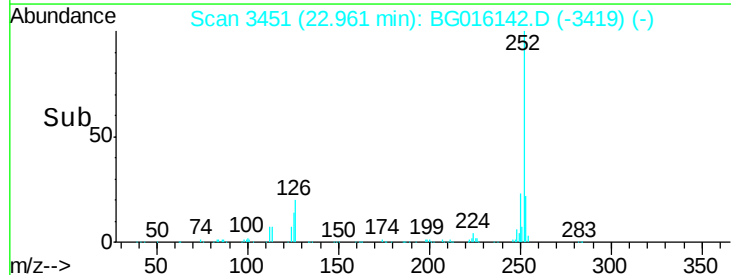
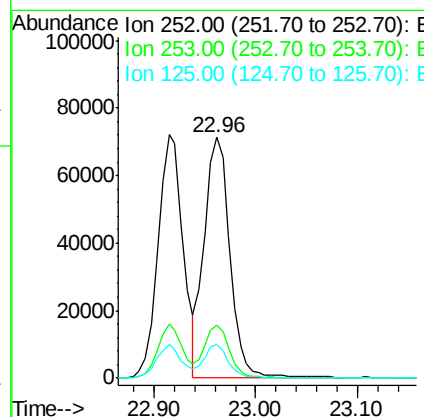
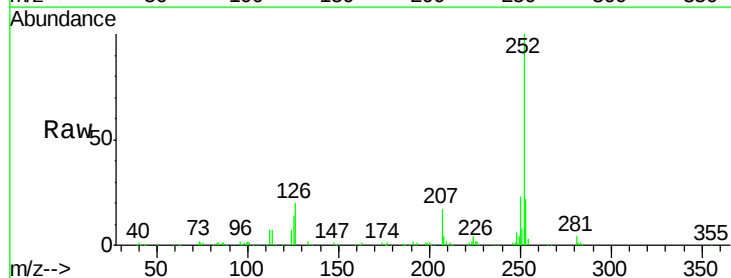
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

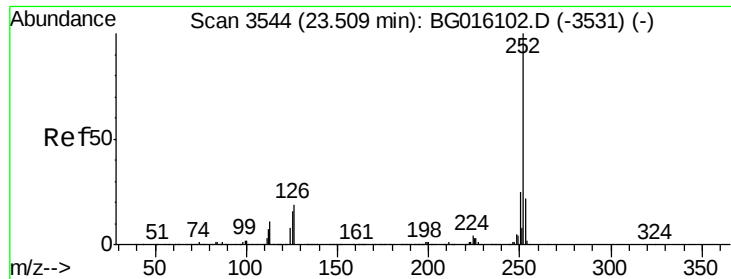
Tgt Ion:252 Resp: 122923
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 13.9 11.1 16.7



#88
Benzo(k)fluoranthene
Concen: 7.10 ng
RT: 22.96 min Scan# 3451
Delta R.T. -0.01 min
Lab File: BG016142.D
Acq: 26 Mar 2015 16:20

Tgt Ion:252 Resp: 124818
Ion Ratio Lower Upper
252 100
253 21.9 18.2 27.4
125 14.2 11.0 16.4





#89

Benzo(a)pyrene

Concen: 7.12 ng

RT: 23.51 min Scan# 3544

Delta R.T. -0.01 min

Lab File: BG016142.D

Acq: 26 Mar 2015 16:20

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

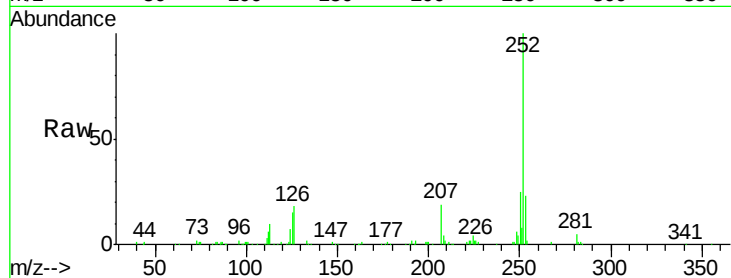
Tgt Ion:252 Resp: 119788

Ion Ratio Lower Upper

252 100

253 23.2 17.9 26.9

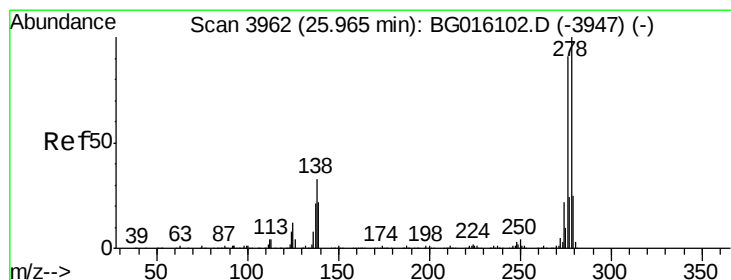
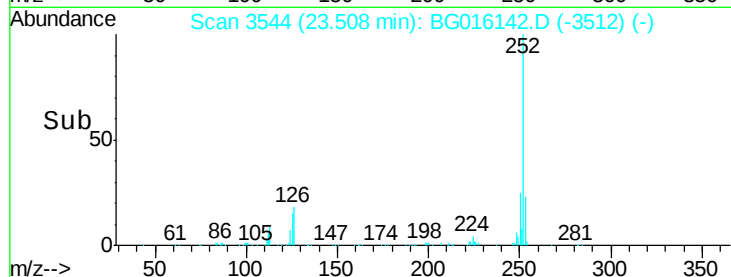
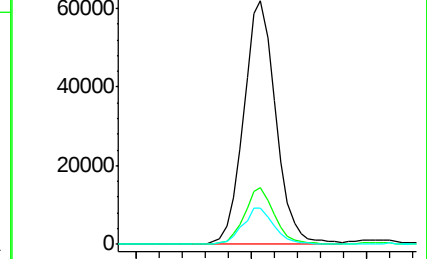
125 15.0 12.5 18.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 6.64 ng

RT: 25.96 min Scan# 3961

Delta R.T. -0.02 min

Lab File: BG016142.D

Acq: 26 Mar 2015 16:20

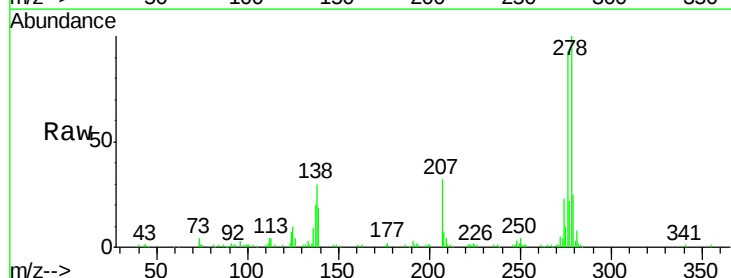
Tgt Ion:278 Resp: 116366

Ion Ratio Lower Upper

278 100

139 19.4 17.8 26.8

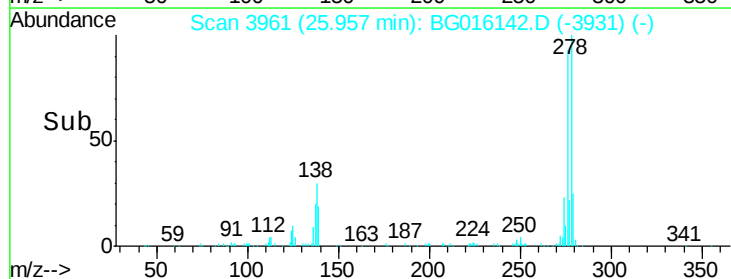
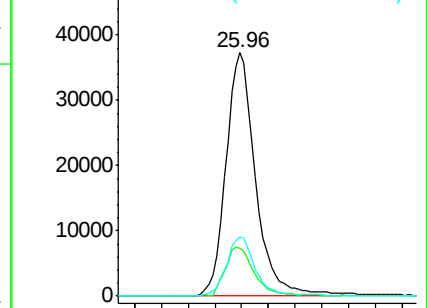
279 24.5 19.9 29.9

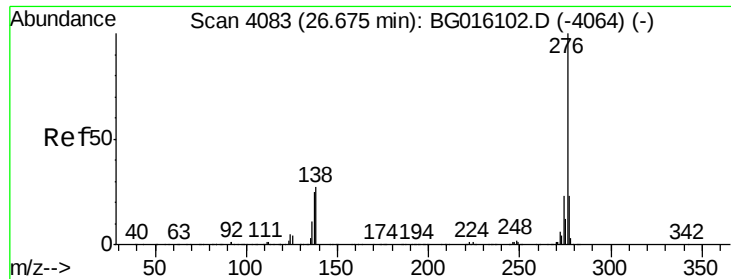


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(g,h,i)perylene
 Concen: 6.65 ng
 RT: 26.66 min Scan# 4081
 Delta R.T. -0.02 min
 Lab File: BG016142.D
 Acq: 26 Mar 2015 16:20

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.7	28.1
138	26.4	22.0	33.0

