

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101315\
 Data File : BG019168.D
 Acq On : 12 Oct 2015 21:44
 Operator : UM/NP
 Sample : G3707-03
 Misc : LOD 1PPM
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

Quant Time: Oct 13 03:52:23 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 13 03:45:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	16923	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	76035	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	56197	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	147247	20.00	ng	0.00
75) Chrysene-d12	21.67	240	172721	20.00	ng	-0.01
86) Perylene-d12	24.90	264	167355	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	98023	117.94	ng	0.00
7) Phenol-d6	7.20	99	150964	118.23	ng	0.00
23) Nitrobenzene-d5	9.19	82	103126	74.94	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	89864	117.35	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	265127	72.54	ng	0.00
78) Terphenyl-d14	20.02	244	485190	74.20	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	61	0.17	ng	# 1
3) Pyridine	3.94	79	68	0.06	ng	# 56
4) n-Nitrosodimethylamine	3.83	42	377	0.62	ng	# 1
6) Aniline	7.35	93	672	0.39	ng	# 68
8) 2-Chlorophenol	7.60	128	720	0.69	ng	# 92
9) Benzaldehyde	7.17	77	688	0.86	ng	# 87
10) Phenol	7.23	94	938	0.71	ng	# 35
11) bis(2-Chloroethyl)ether	7.45	93	715	0.71	ng	# 72
12) 1,3-Dichlorobenzene	7.93	146	693	0.61	ng	# 82
13) 1,4-Dichlorobenzene	8.06	146	702	0.60	ng	# 93
14) 1,2-Dichlorobenzene	8.39	146	774	0.69	ng	# 65
15) Benzyl Alcohol	8.27	79	555	0.49	ng	# 83
16) 2,2'-oxybis(1-Chloropropan	8.57	45	1478	0.69	ng	# 74
17) 2-Methylphenol	8.48	107	631	0.66	ng	# 63
18) Hexachloroethane	9.11	117	59	0.13	ng	# 75
19) n-Nitroso-di-n-propylamine	8.84	70	439	0.43	ng	# 85
20) 3+4-Methylphenols	8.81	107	936	0.68	ng	# 75
22) Acetophenone	8.85	105	1061	0.60	ng	# 73
24) Nitrobenzene	9.23	77	1010	0.69	ng	# 40
25) Isophorone	9.76	82	1631	0.58	ng	# 67
26) 2-Nitrophenol	9.95	139	293	0.47	ng	# 50
27) 2,4-Dimethylphenol	10.01	122	529	0.49	ng	# 59
28) bis(2-Chloroethoxy)methane	10.23	93	1039	0.70	ng	# 92
29) 2,4-Dichlorophenol	10.49	162	628	0.55	ng	# 85
30) 1,2,4-Trichlorobenzene	10.70	180	730	0.60	ng	# 80
31) Naphthalene	10.89	128	2592	0.71	ng	# 83
32) Benzoic acid	10.01	122	529	8.45	ng	# 1
33) 4-Chloroaniline	11.00	127	743	0.44	ng	# 66
34) Hexachlorobutadiene	11.18	225	586	0.70	ng	# 91
36) 4-Chloro-3-methylphenol	12.12	107	765	0.53	ng	# 56
37) 2-Methylnaphthalene	12.71	142	1698	0.60	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	1086	0.67	ng	# 87
40) Hexachlorocyclopentadiene	12.84	237	78	0.09	ng	# 27
42) 2,4,6-Trichlorophenol	13.10	196	631	0.56	ng	# 72

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Instrument :
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 ClientSampleId :
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Quant Time: Oct 13 03:52:23 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 13 03:45:00 2015
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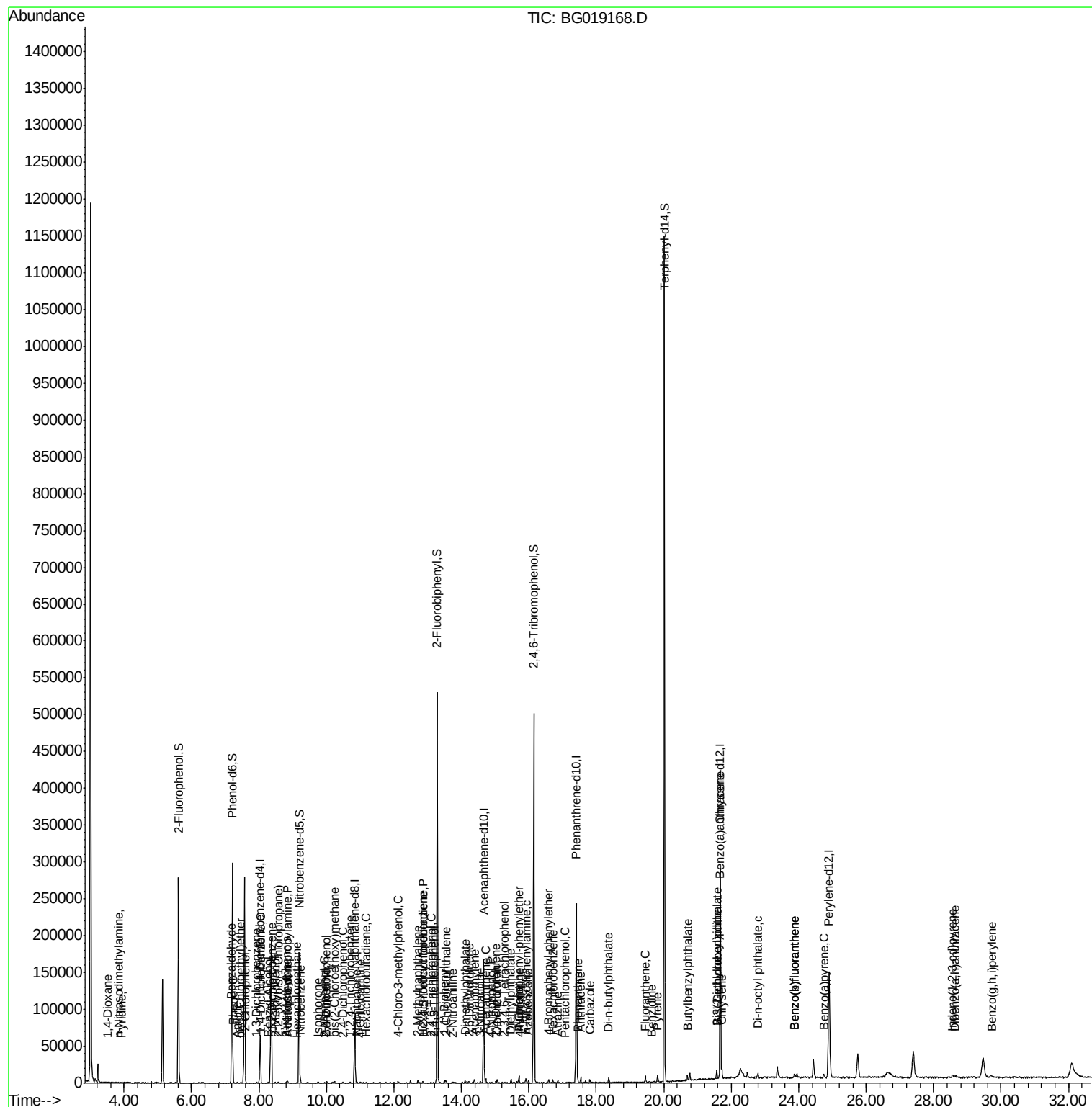
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.17	196	632	0.53	nq	# 62
45) 1,1'-Biphenyl	13.50	154	2883	0.71	nq	87
46) 2-Chloronaphthalene	13.54	162	2356	0.75	nq	# 86
47) 2-Nitroaniline	13.74	65	732	0.58	nq	# 77
48) Acenaphthylene	14.38	152	3851	0.70	nq	# 95
49) Dimethylphthalate	14.11	163	2831	0.64	nq	# 95
50) 2,6-Dinitrotoluene	14.23	165	426	0.45	nq	97
51) Acenaphthene	14.72	154	2079	0.62	nq	90
52) 3-Nitroaniline	14.57	138	505	0.48	nq	# 71
54) Dibenzofuran	15.06	168	3643	0.74	nq	94
55) 4-Nitrophenol	14.89	139	63	0.08	nq	# 1
56) 2,4-Dinitrotoluene	15.01	165	689	0.50	nq	# 81
57) Fluorene	15.70	166	2863	0.67	nq	95
58) 2,3,4,6-Tetrachlorophenol	15.29	232	526	0.46	nq	# 85
59) Diethylphthalate	15.48	149	3192	0.69	nq	# 90
60) 4-Chlorophenyl-phenylether	15.70	204	1669	0.77	nq	89
61) 4-Nitroaniline	15.73	138	357	0.31	nq	# 43
62) Azobenzene	15.99	77	2831	0.66	nq	95
65) n-Nitrosodiphenylamine	15.91	169	2557	0.63	nq	# 87
66) 4-Bromophenyl-phenylether	16.59	248	975	0.65	nq	# 85
67) Hexachlorobenzene	16.70	284	1139	0.65	nq	# 83
68) Atrazine	16.86	200	970	0.58	nq	82
69) Pentachlorophenol	17.07	266	55	0.06	nq	# 18
70) Phenanthrene	17.45	178	5211	0.69	nq	# 89
71) Anthracene	17.54	178	5166	0.68	nq	# 90
72) Carbazole	17.81	167	4255	0.60	nq	# 89
73) Di-n-butylphthalate	18.37	149	5531	0.64	nq	# 96
74) Fluoranthene	19.45	202	6006	0.62	nq	94
76) Benzidine	19.65	184	526	0.12	nq	# 66
77) Pyrene	19.82	202	6745	0.70	nq	95
79) Butylbenzylphthalate	20.70	149	2269	0.58	nq	# 93
80) Benzo(a)anthracene	21.66	228	6910	0.75	nq	97
81) 3,3'-Dichlorobenzidine	21.57	252	2013	0.59	nq	# 79
82) Chrysene	21.72	228	6023	0.69	nq	94
83) Bis(2-ethylhexyl)phthalate	21.57	149	3683	0.67	nq	# 94
84) Di-n-octyl phthalate	22.79	149	6081	0.64	nq	# 92
85) Indeno(1,2,3-cd)pyrene	28.55	276	2370	0.22	nq	# 82
87) Benzo(b)fluoranthene	23.88	252	6205	0.69	nq	97
88) Benzo(k)fluoranthene	23.88	252	6205	0.70	nq	96
89) Benzo(a)pyrene	24.75	252	5666	0.67	nq	94
90) Dibenzo(a,h)anthracene	28.65	278	5091	0.56	nq	# 77
91) Benzo(g,h,i)perylene	29.73	276	4643	0.55	nq	# 69

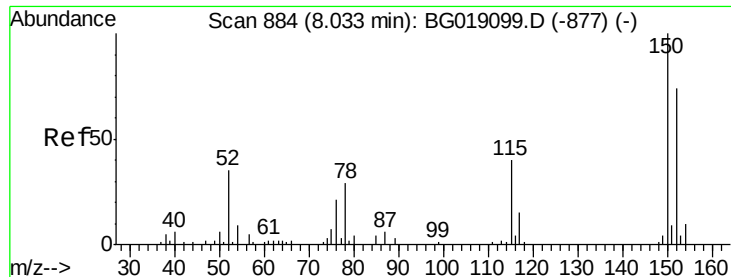
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.03 min Scan# 884

Delta R.T. -0.00 min

Lab File: BG019168.D

Acq: 12 Oct 2015 21:44

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

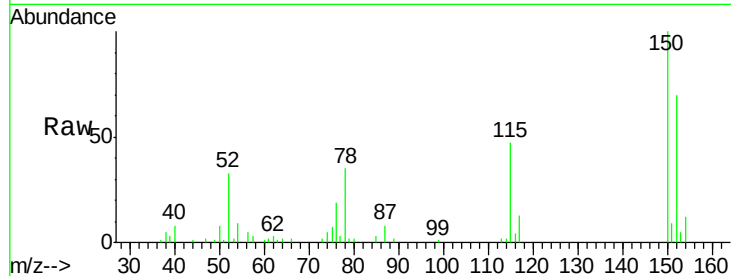
Tot Ion:152 Resp: 16923

Ion Ratio Lower Upper

152 100

150 142.1 108.2 162.2

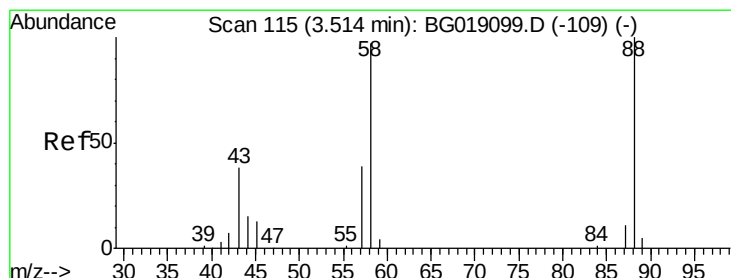
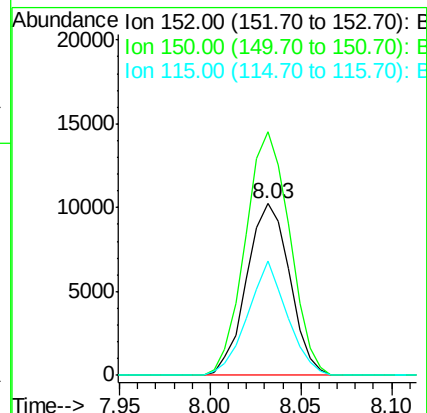
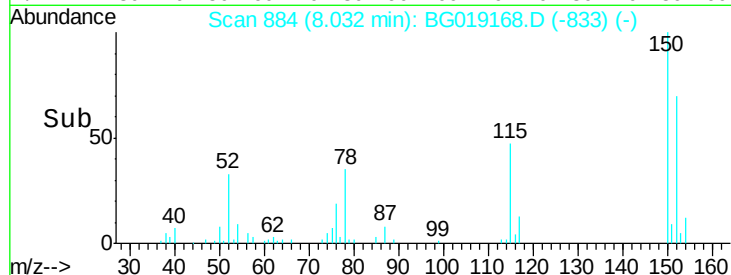
115 66.8 43.2 64.8#



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: 0.17 ng

RT: 3.51 min Scan# 114

Delta R.T. -0.01 min

Lab File: BG019168.D

Acq: 12 Oct 2015 21:44

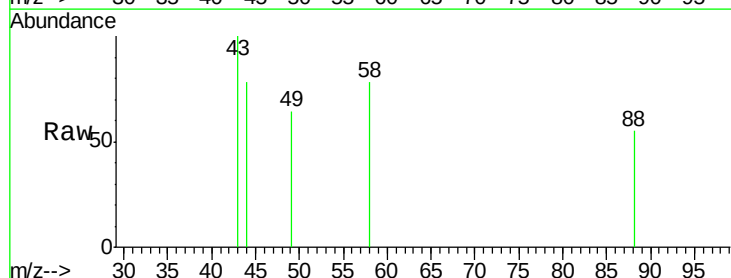
Tgt Ion: 88 Resp: 61

Ion Ratio Lower Upper

88 100

58 395.1 81.1 121.7#

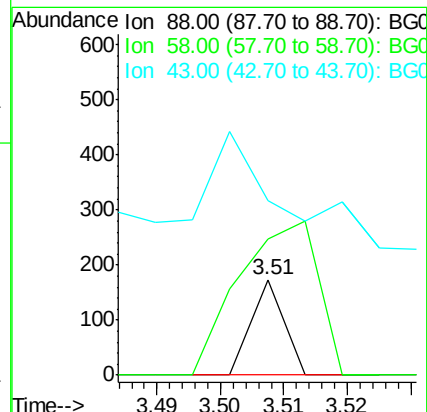
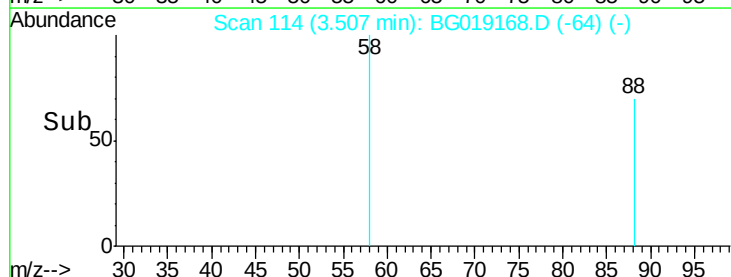
43 288.5 31.0 46.6#

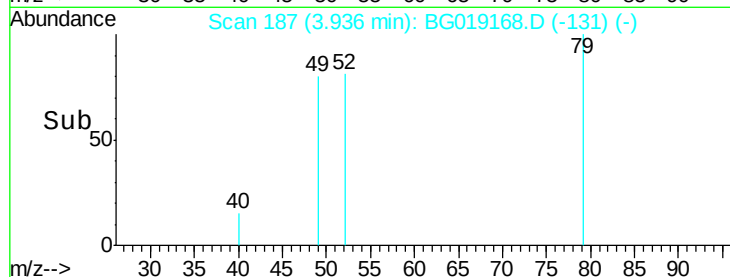
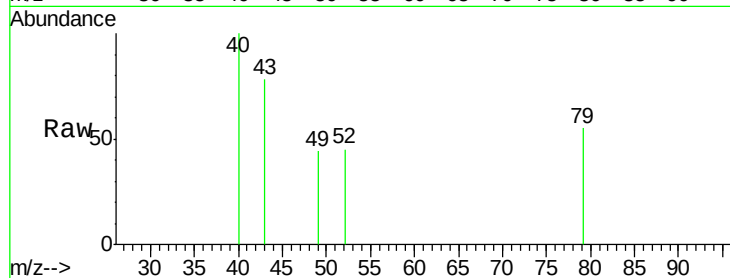
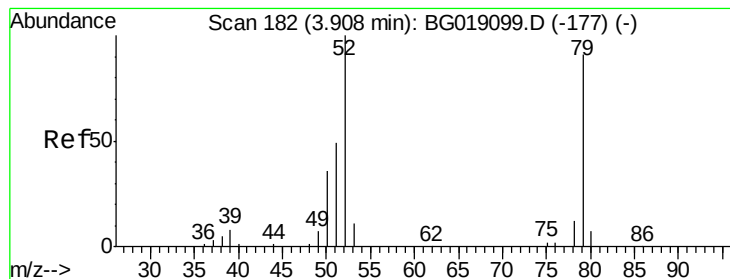


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 0.06 ng

RT: 3.94 min Scan# 187

Delta R.T. 0.03 min

Lab File: BG019168.D

Acq: 12 Oct 2015 21:44

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

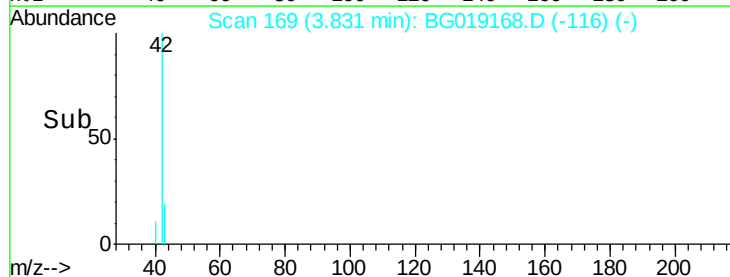
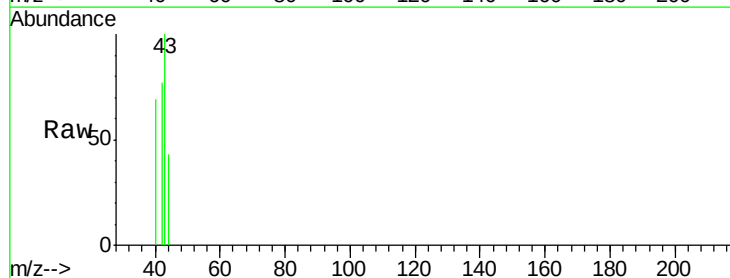
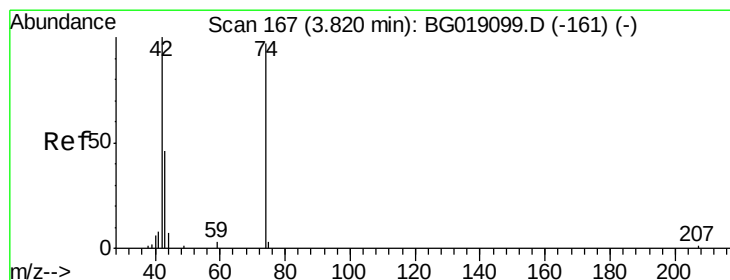
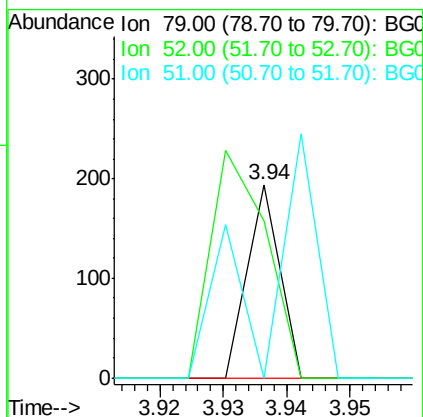
Tot Ion: 79 Resp: 68

Ion Ratio Lower Upper

79 100

52 81.4 88.3 132.5#

51 0.0 44.6 66.8#



#4

n-Nitrosodimethylamine

Concen: 0.62 ng

RT: 3.83 min Scan# 169

Delta R.T. 0.01 min

Lab File: BG019168.D

Acq: 12 Oct 2015 21:44

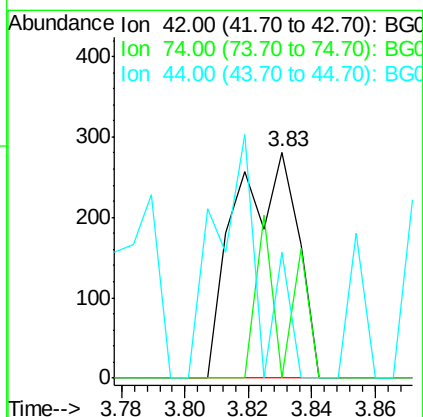
Tgt Ion: 42 Resp: 377

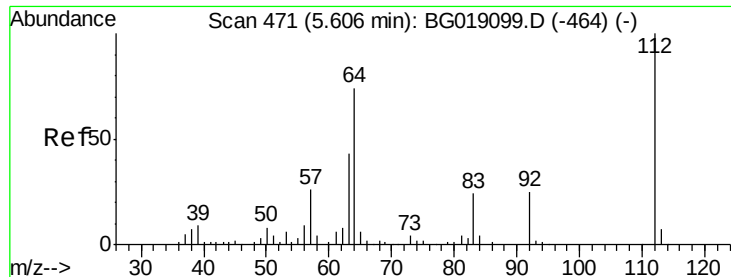
Ion Ratio Lower Upper

42 100

74 0.0 77.3 115.9#

44 55.9 7.2 10.8#





#5

2-Fluorophenol

Concen: 117.94 ng

RT: 5.61 min Scan# 472

Delta R.T. 0.00 min

Lab File: BG019168.D

Acq: 12 Oct 2015 21:44

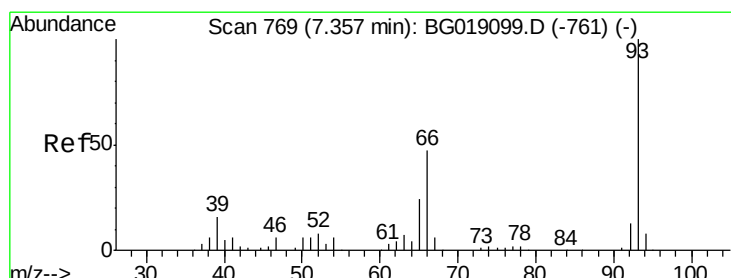
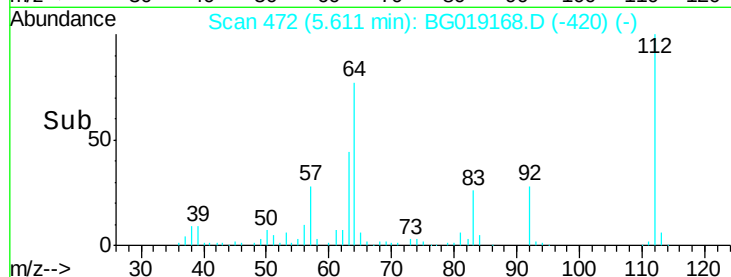
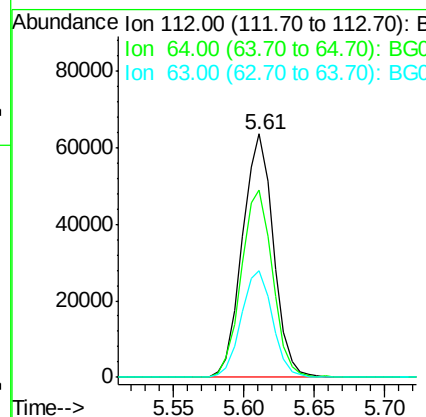
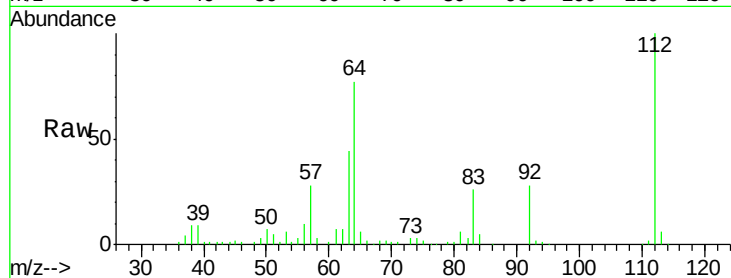
Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

Tot Ion:	112	Resp:	98023
Ion	Ratio	Lower	Upper
112	100		
64	76.9	59.0	88.4
63	43.9	34.7	52.1



#6

Aniline

Concen: 0.39 ng

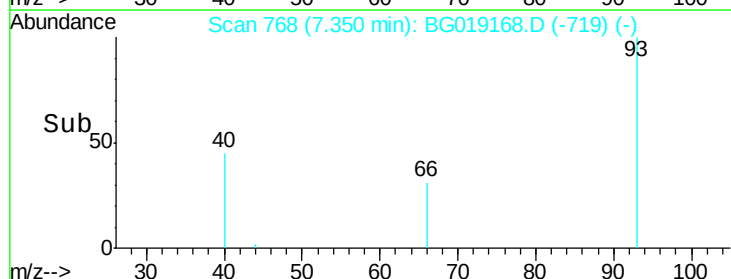
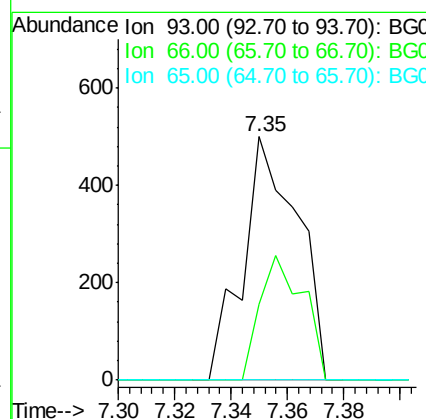
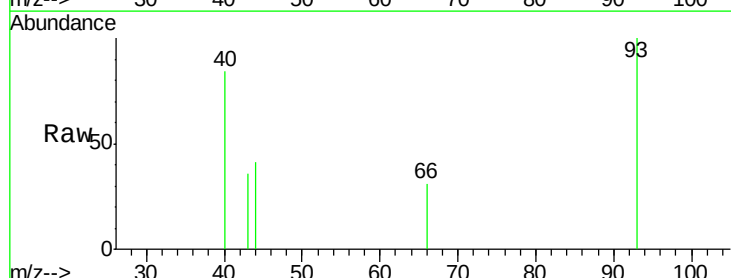
RT: 7.35 min Scan# 768

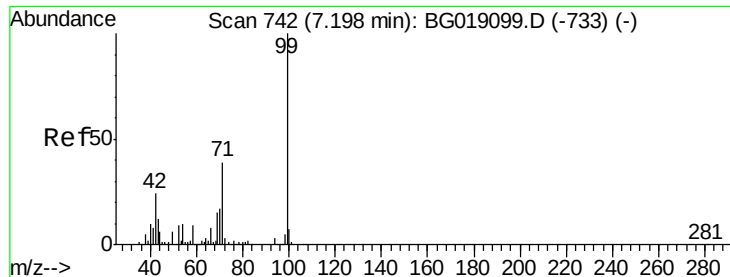
Delta R.T. -0.01 min

Lab File: BG019168.D

Acq: 12 Oct 2015 21:44

Tgt Ion:	93	Resp:	672
Ion	Ratio	Lower	Upper
93	100		
66	31.4	37.4	56.2#
65	0.0	19.6	29.4#





#7

Phenol-d6

Concen: 118.23 ng

RT: 7.20 min Scan# 743

Delta R.T. -0.00 min

Lab File: BG019168.D

Acq: 12 Oct 2015 21:44

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

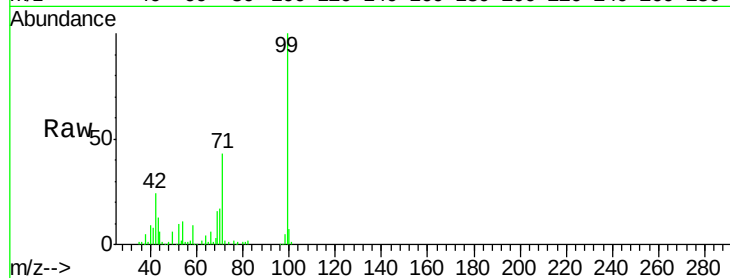
Tot Ion: 99 Resp: 150964

Ion Ratio Lower Upper

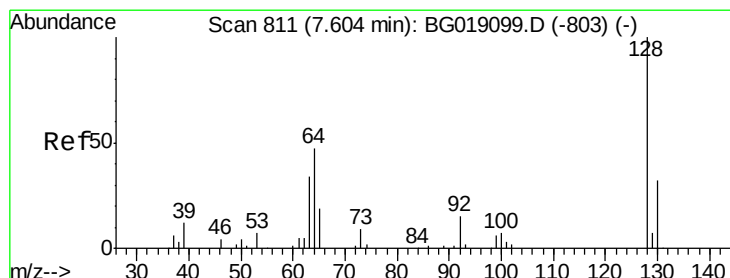
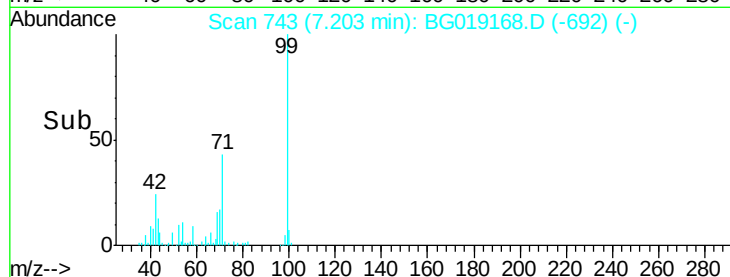
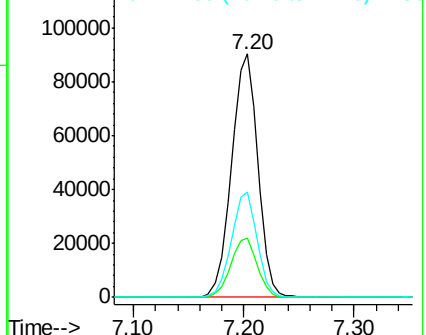
99 100

42 24.5 19.5 29.3

71 43.1 31.4 47.0



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: 0.69 ng

RT: 7.60 min Scan# 811

Delta R.T. -0.00 min

Lab File: BG019168.D

Acq: 12 Oct 2015 21:44

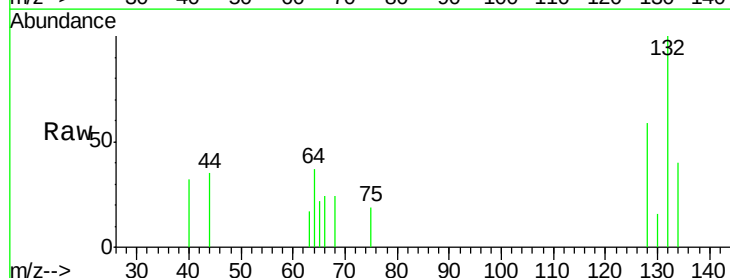
Tgt Ion: 128 Resp: 720

Ion Ratio Lower Upper

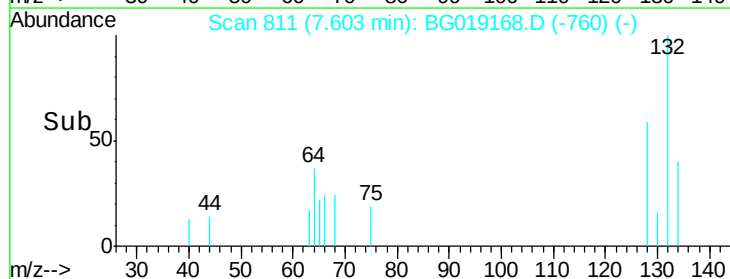
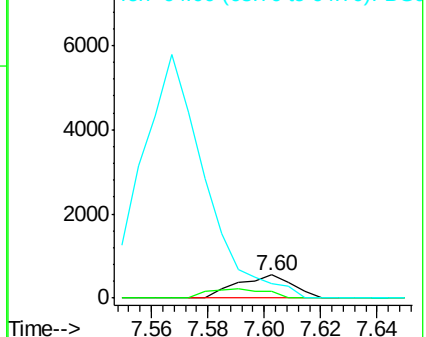
128 100

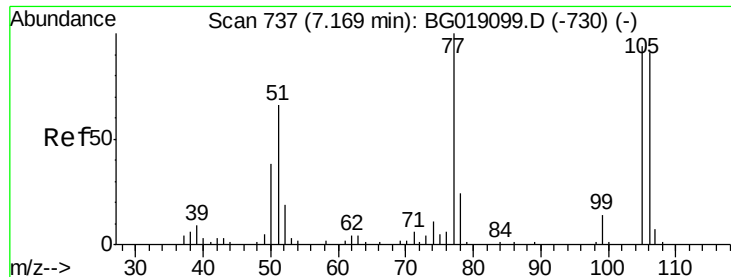
130 27.8 12.3 52.3

64 61.9 35.8 75.8



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: 0.86 ng

RT: 7.17 min Scan# 738

Delta R.T. 0.00 min

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LOD-SOIL2015-01

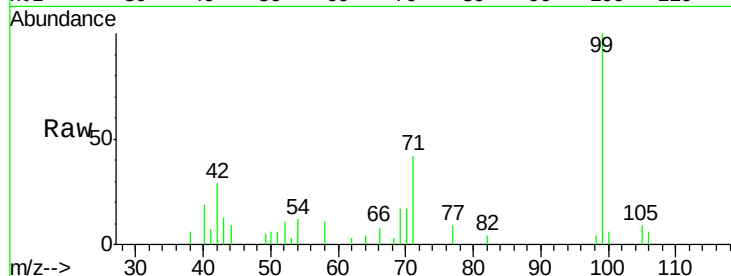
Tot Ion: 77 Resp: 688

Ion Ratio Lower Upper

77 100

105 96.1 73.7 113.7

106 68.7 71.0 111.0#



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC

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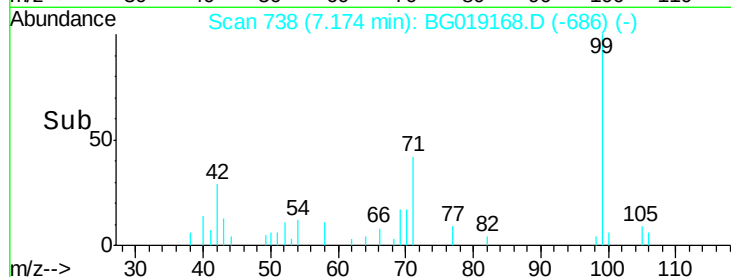
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7.17

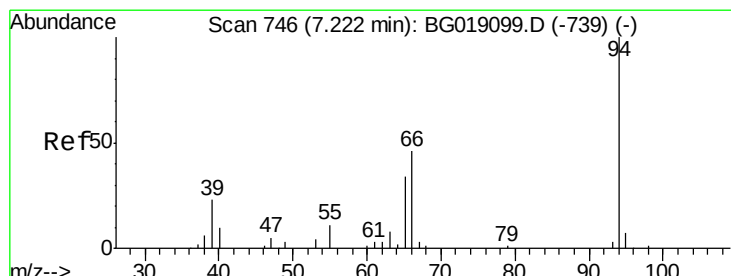
7.17

7.17

7.17



Time-->



#10

Phenol

Concen: 0.71 ng

RT: 7.23 min Scan# 748

Delta R.T. 0.00 min

Lab File: BG019168.D

Acq: 12 Oct 2015 21:44

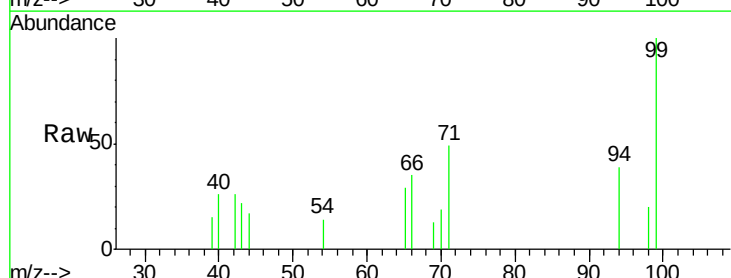
Tgt Ion: 94 Resp: 938

Ion Ratio Lower Upper

94 100

65 75.7 15.2 55.2#

66 90.0 28.7 68.7#



Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

7.23

7.23

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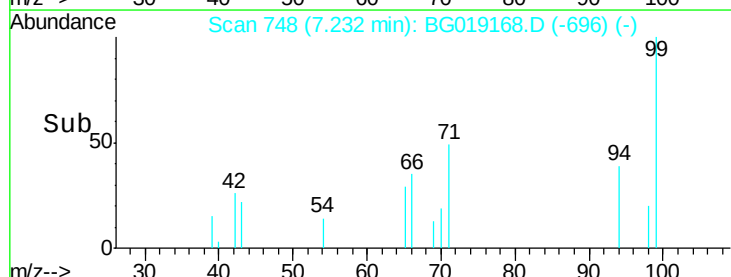
7.23

7.23

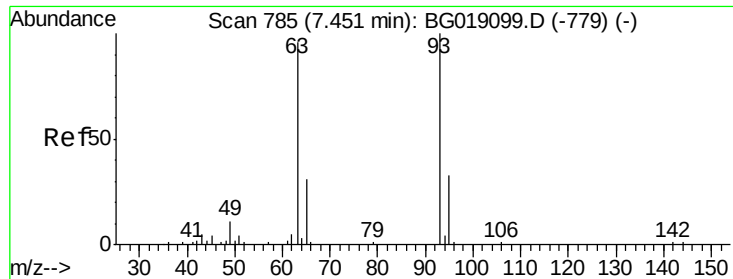
7.23

7.23

7.23



Time-->



#11

bis(2-Chloroethyl)ether

Concen: 0.71 ng

RT: 7.45 min Scan# 785

Delta R.T. -0.00 min

Lab File: BG019168.D

Acq: 12 Oct 2015 21:44

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

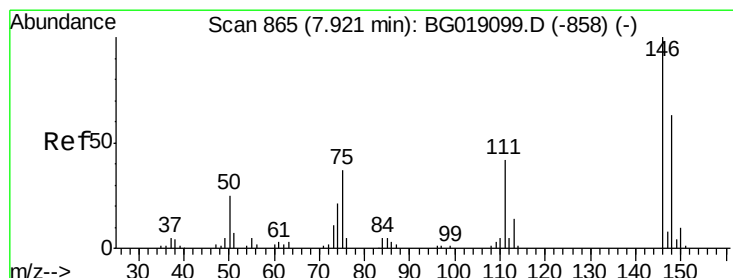
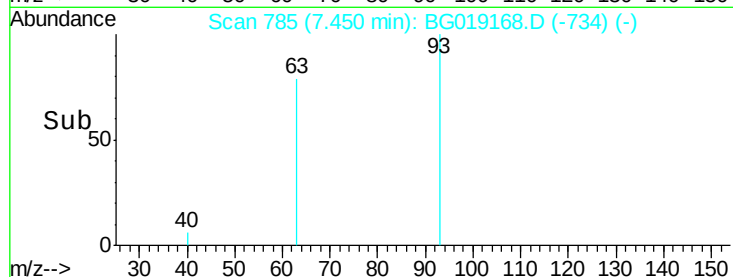
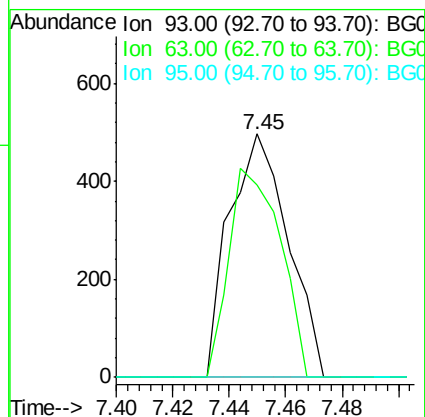
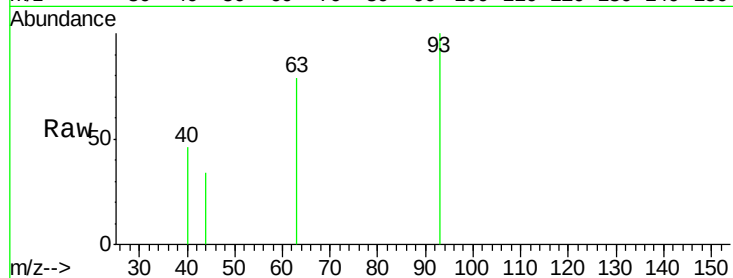
Tot Ion: 93 Resp: 715

Ion Ratio Lower Upper

93 100

63 78.9 75.3 115.3

95 0.0 12.9 52.9#



#12

1,3-Dichlorobenzene

Concen: 0.61 ng

RT: 7.93 min Scan# 866

Delta R.T. 0.00 min

Lab File: BG019168.D

Acq: 12 Oct 2015 21:44

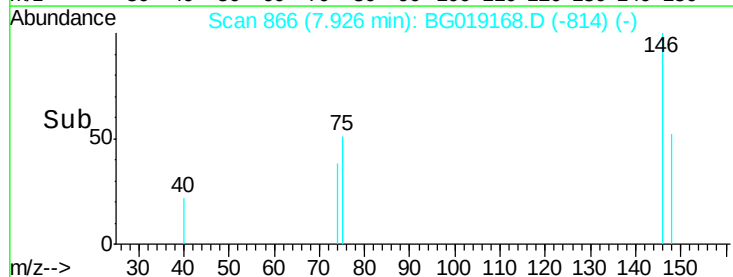
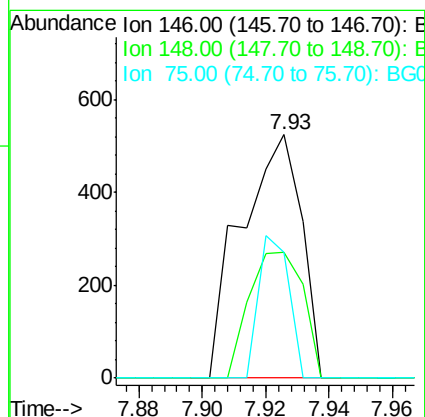
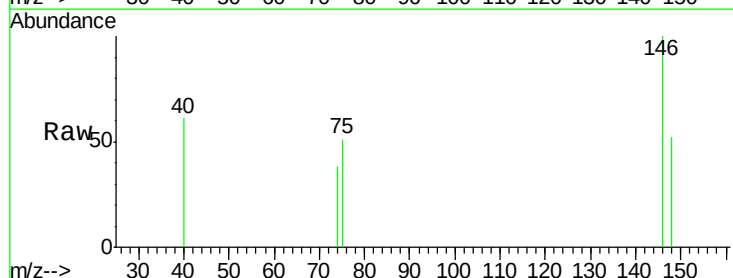
Tgt Ion: 146 Resp: 693

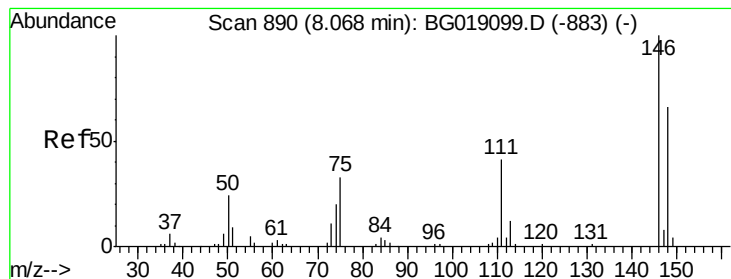
Ion Ratio Lower Upper

146 100

148 51.6 50.2 75.4

75 51.4 29.3 43.9#





#13

1,4-Dichlorobenzene

Concen: 0.60 ng

RT: 8.06 min Scan# 889

Delta R.T. -0.01 min

Lab File: BG019168.D

Acq: 12 Oct 2015 21:44

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

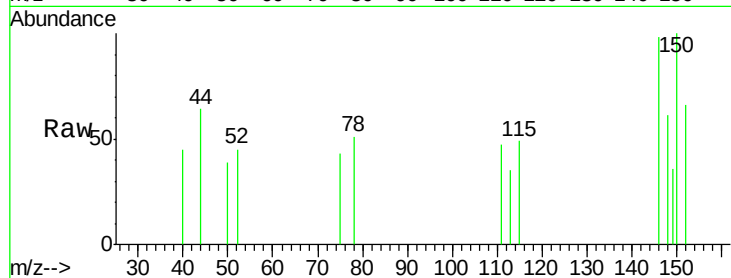
Tot Ion:146 Resp: 702

Ion Ratio Lower Upper

146 100

148 62.0 52.9 79.3

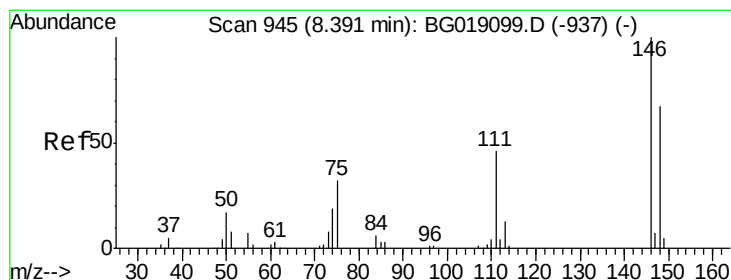
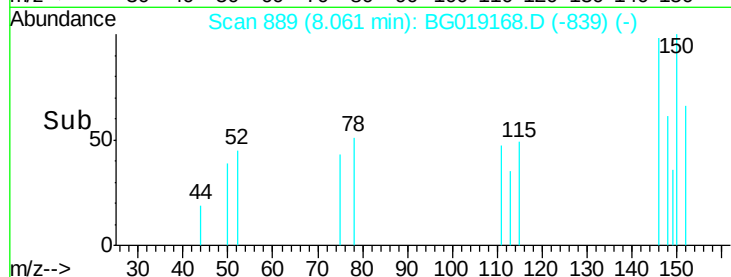
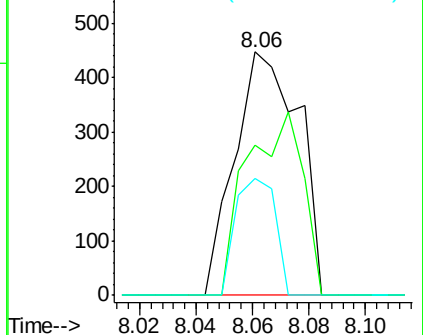
111 47.9 33.1 49.7



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 0.69 ng

RT: 8.39 min Scan# 945

Delta R.T. -0.00 min

Lab File: BG019168.D

Acq: 12 Oct 2015 21:44

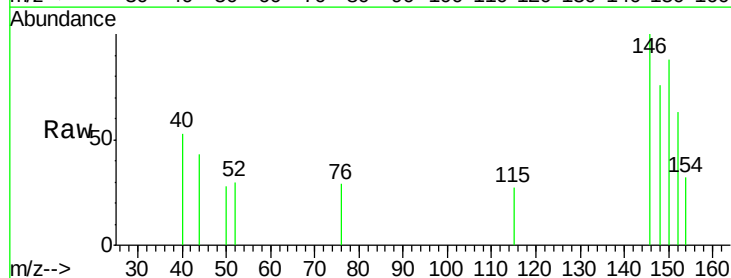
Tgt Ion:146 Resp: 774

Ion Ratio Lower Upper

146 100

148 75.8 53.6 80.4

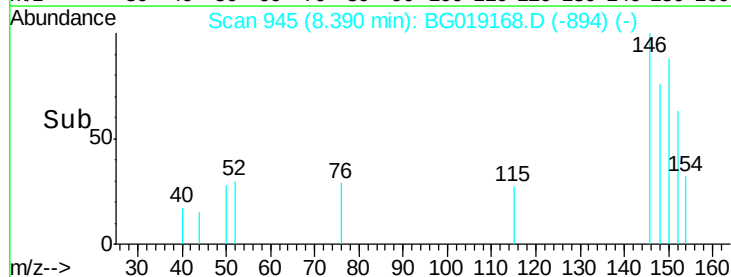
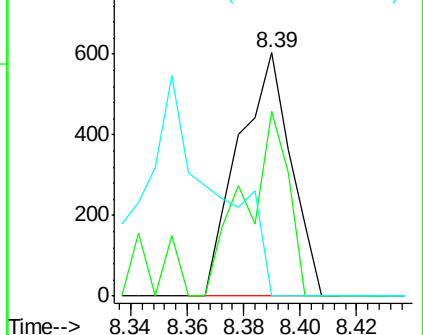
111 0.0 37.3 55.9#

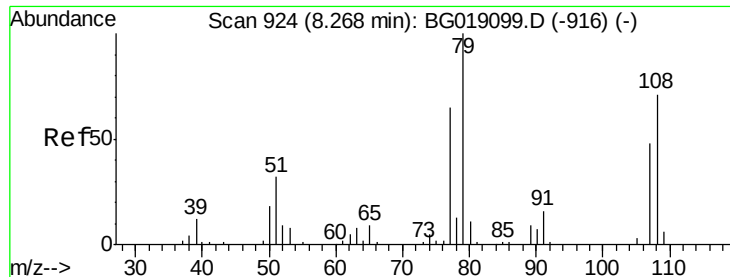


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 0.49 ng

RT: 8.27 min Scan# 925

Delta R.T. -0.00 min

Lab File: BG019168.D

Acq: 12 Oct 2015 21:44

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

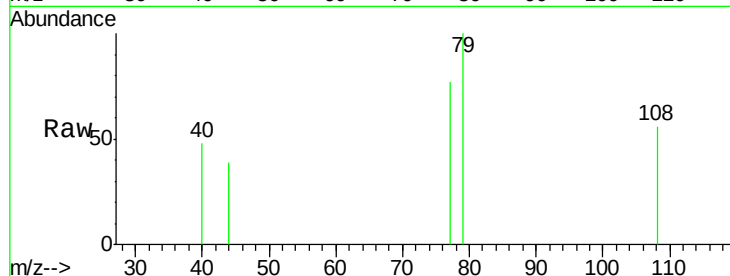
Tot Ion: 79 Resp: 555

Ion Ratio Lower Upper

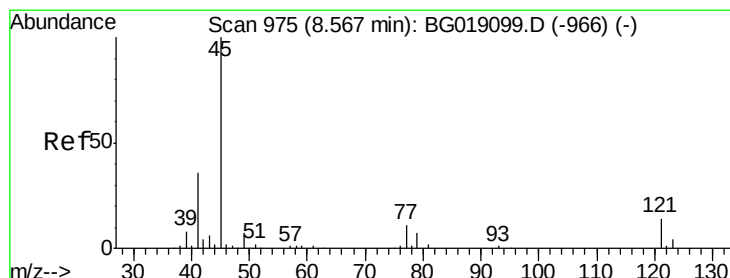
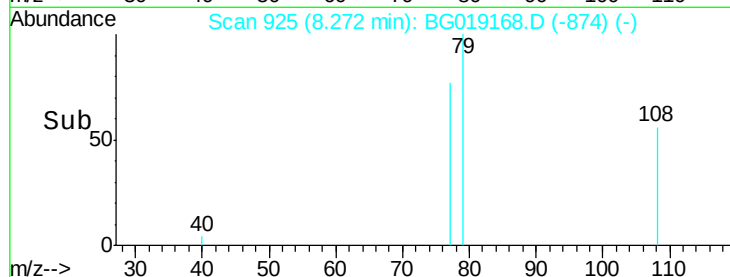
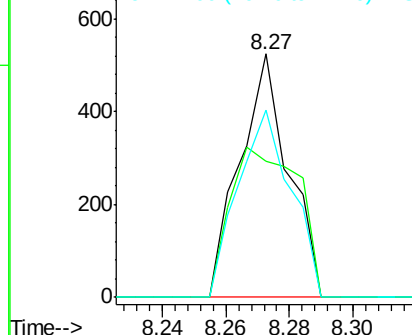
79 100

108 55.9 56.6 84.8#

77 76.7 51.6 77.4



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: 0.69 ng

RT: 8.57 min Scan# 975

Delta R.T. -0.00 min

Lab File: BG019168.D

Acq: 12 Oct 2015 21:44

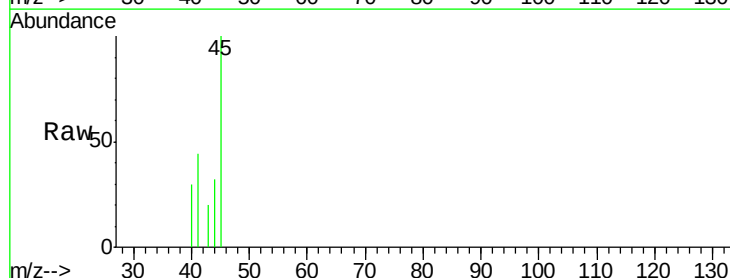
Tgt Ion: 45 Resp: 1478

Ion Ratio Lower Upper

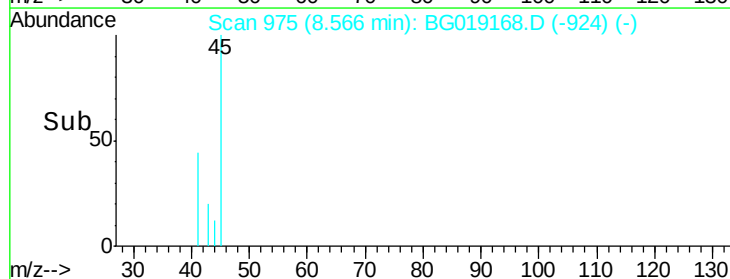
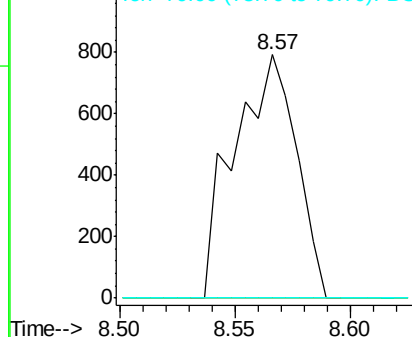
45 100

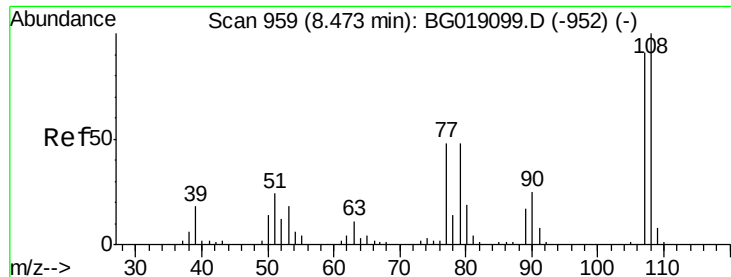
77 0.0 0.0 30.8

79 0.0 0.0 27.5



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

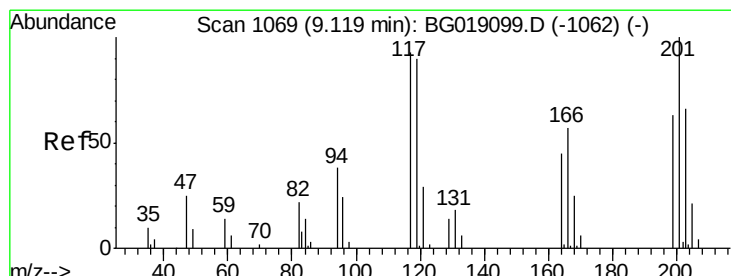
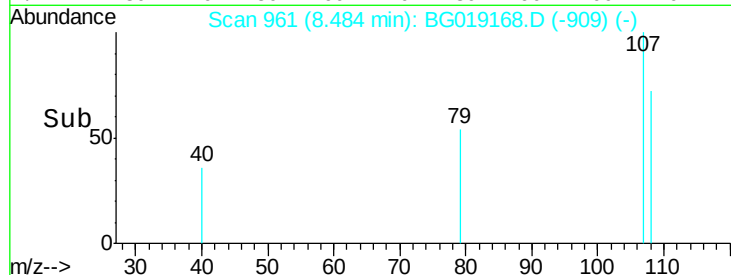
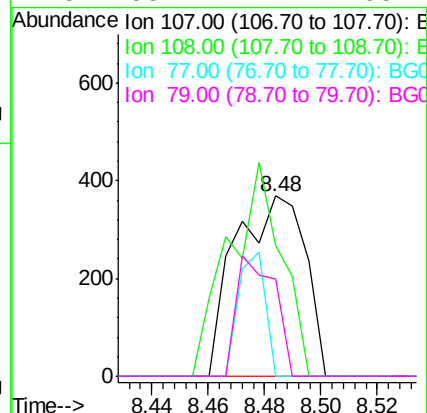
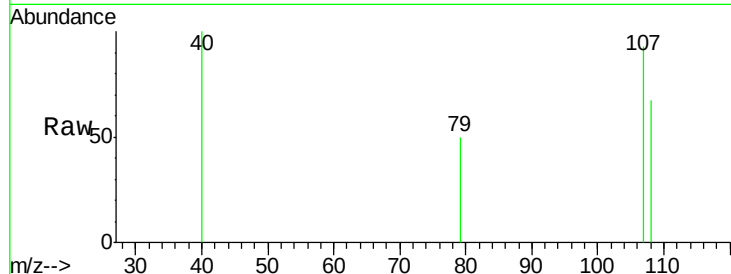




#17
2-Methylphenol
Concen: 0.66 ng
RT: 8.48 min Scan# 961
Delta R.T. 0.00 min
Lab File: BG019168.D
Acq: 12 Oct 2015 21:44

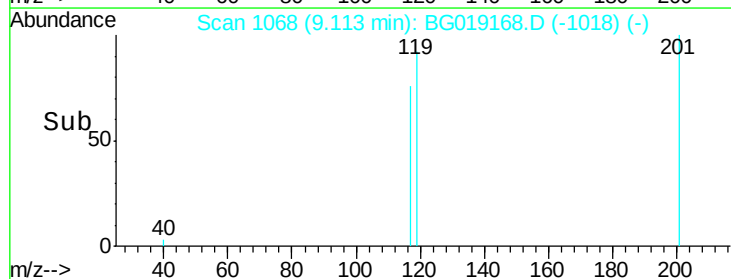
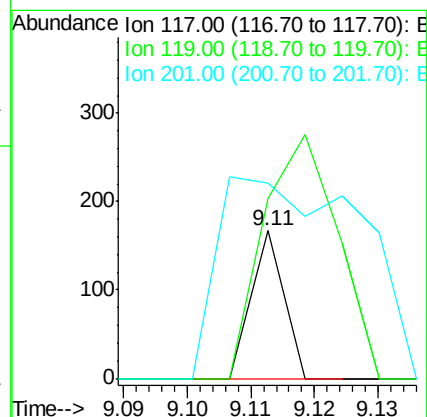
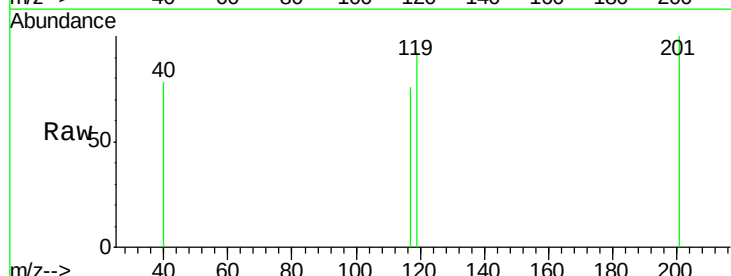
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

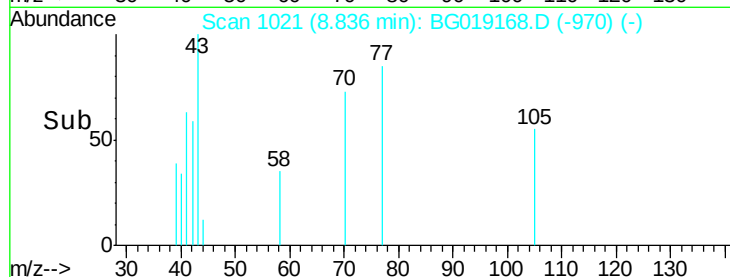
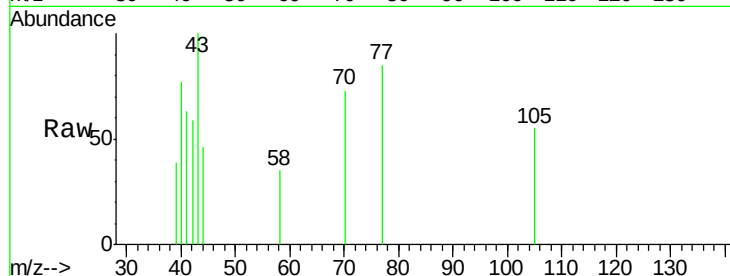
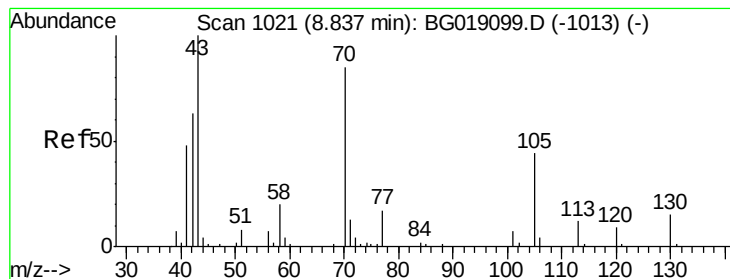
Tot Ion:107 Resp: 631
Ion Ratio Lower Upper
107 100
108 72.1 87.7 131.5#
77 0.0 42.2 63.2#
79 53.7 42.1 63.1



#18
Hexachloroethane
Concen: 0.13 ng
RT: 9.11 min Scan# 1068
Delta R.T. -0.01 min
Lab File: BG019168.D
Acq: 12 Oct 2015 21:44

Tgt Ion:117 Resp: 59
Ion Ratio Lower Upper
117 100
119 121.6 77.0 115.4#
201 132.3 85.6 128.4#





#19

n-Nitroso-di-n-propylamine

Concen: 0.43 ng

RT: 8.84 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BG019168.D

Acq: 12 Oct 2015 21:44

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

Tot Ion: 70 Resp: 439

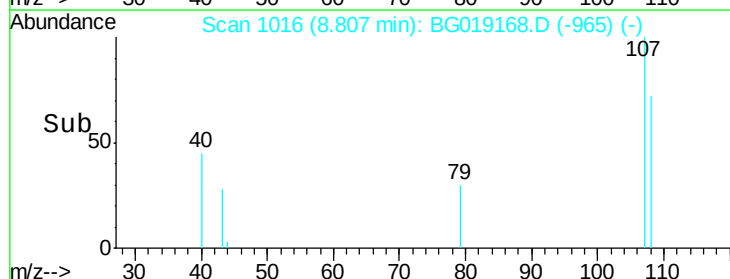
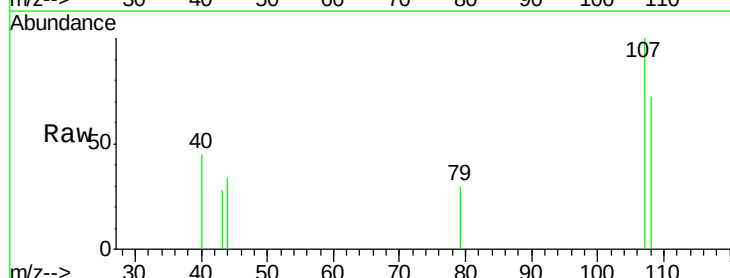
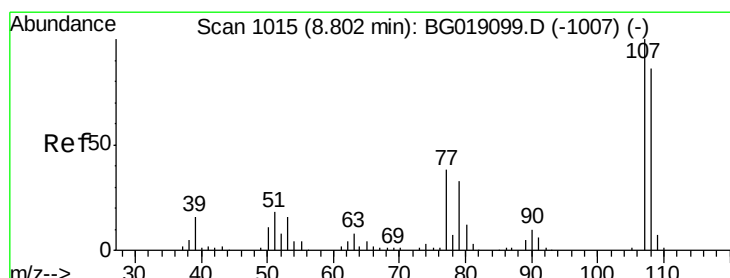
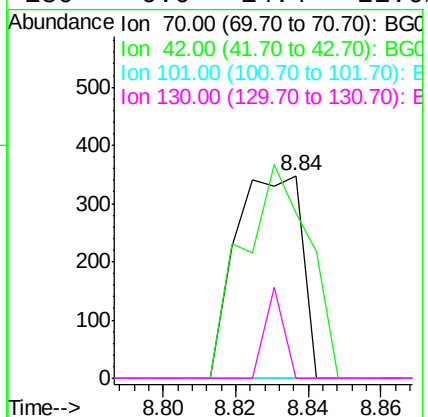
Ion Ratio Lower Upper

70 100

42 81.3 59.8 89.8

101 0.0 7.0 10.4#

130 0.0 14.4 21.6#



#20

3+4-Methylphenols

Concen: 0.68 ng

RT: 8.81 min Scan# 1016

Delta R.T. -0.00 min

Lab File: BG019168.D

Acq: 12 Oct 2015 21:44

Tgt Ion: 107 Resp: 936

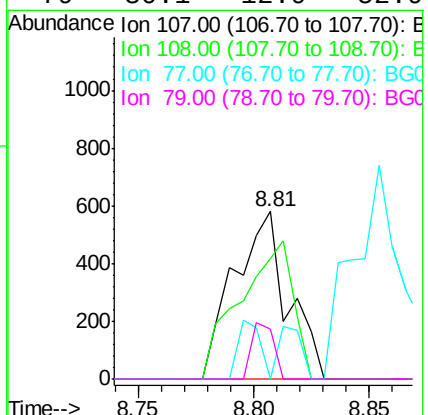
Ion Ratio Lower Upper

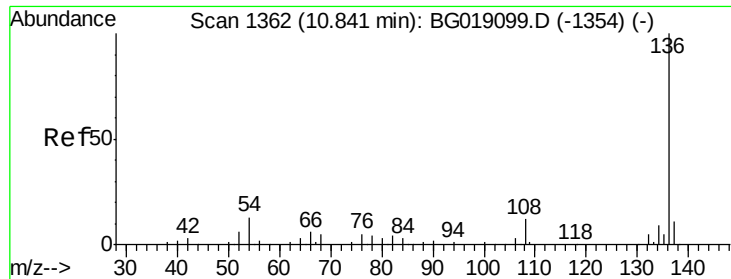
107 100

108 71.8 66.2 106.2

77 0.0 17.8 57.8#

79 30.1 12.9 52.9

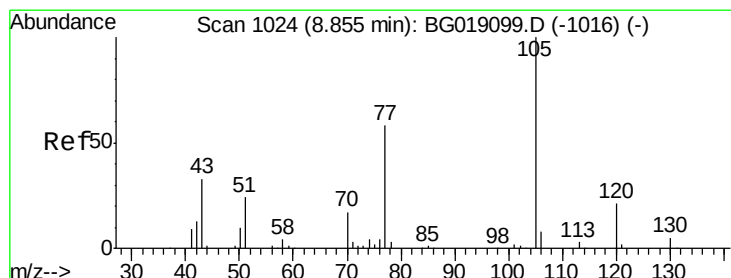
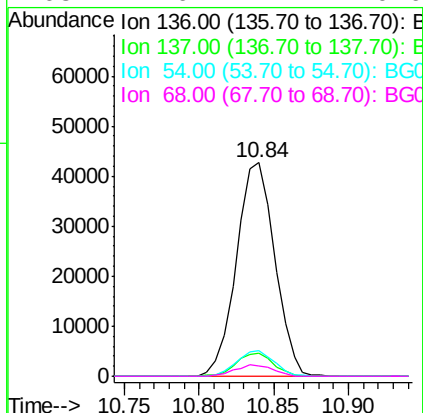
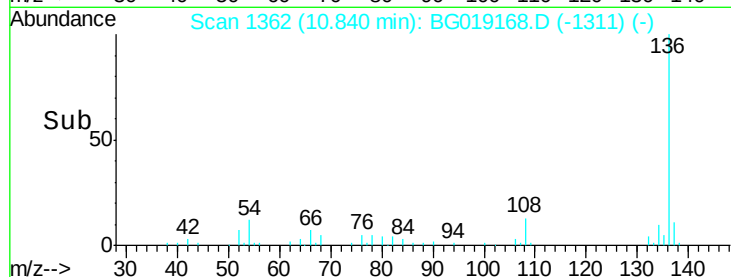
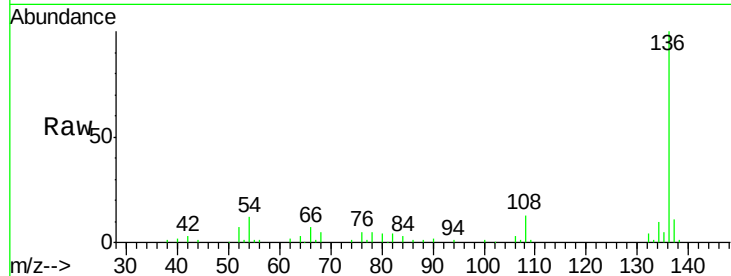




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.84 min Scan# 1362
Delta R.T. -0.00 min
Lab File: BG019168.D
Acq: 12 Oct 2015 21:44

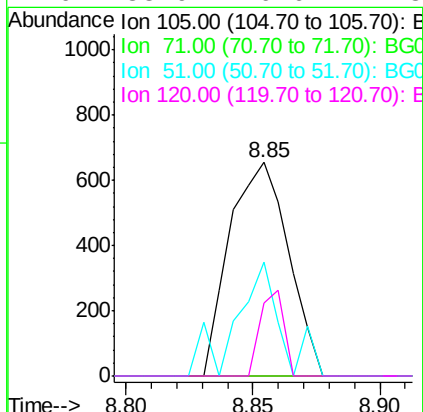
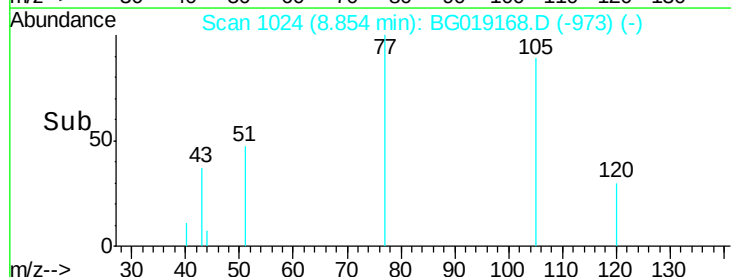
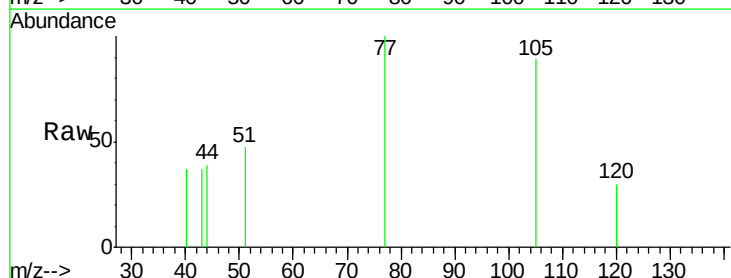
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

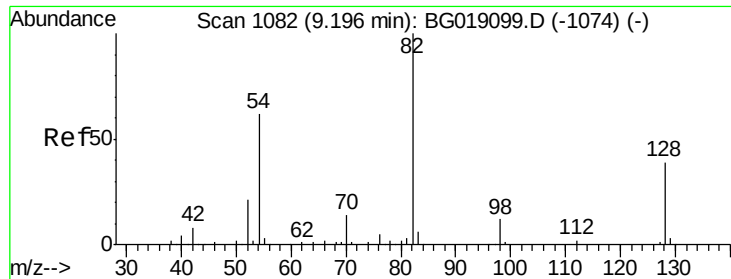
Tot Ion:136	Resp:	76035
Ion Ratio	Lower	Upper
136	100	
137	10.6	9.0 13.4
54	12.3	10.1 15.1
68	4.6	4.4 6.6



#22
Acetophenone
Concen: 0.60 ng
RT: 8.85 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BG019168.D
Acq: 12 Oct 2015 21:44

Tgt Ion:105	Resp:	1061
Ion Ratio	Lower	Upper
105	100	
71	0.0	2.2 3.2#
51	53.1	29.2 43.8#
120	33.9	16.6 24.8#

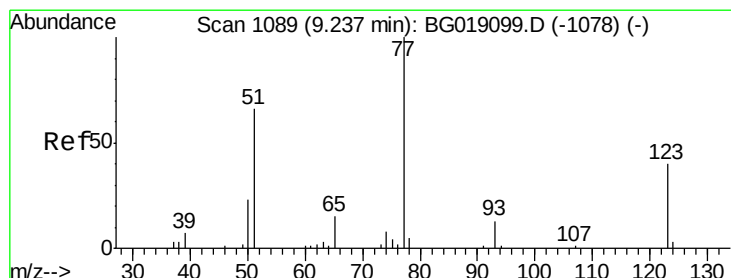
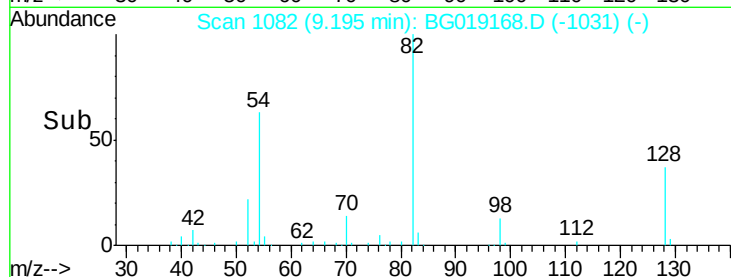
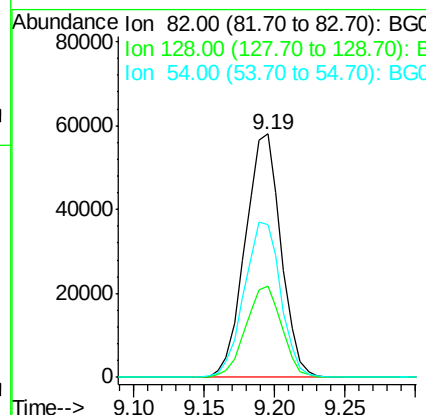
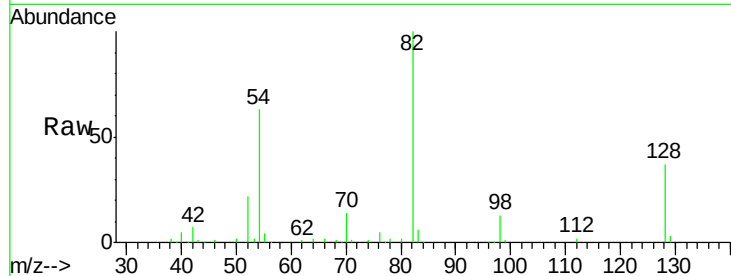




#23
Nitrobenzene-d5
Concen: 74.94 ng
RT: 9.19 min Scan# 1082
Delta R.T. -0.00 min
Lab File: BG019168.D
Acq: 12 Oct 2015 21:44

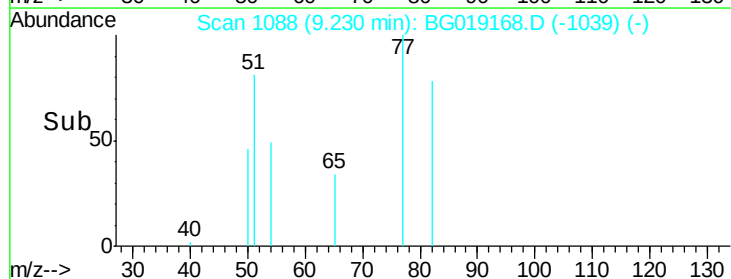
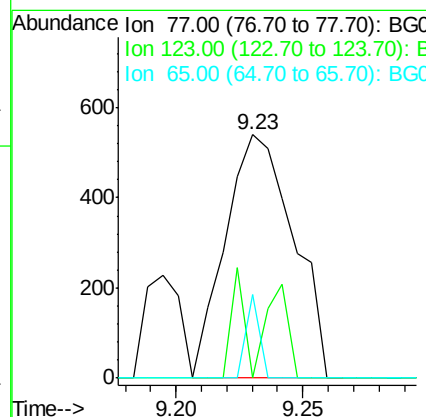
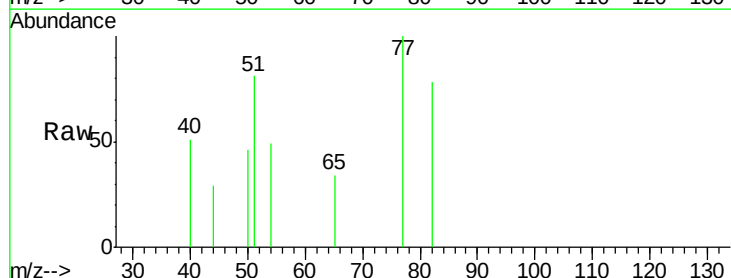
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

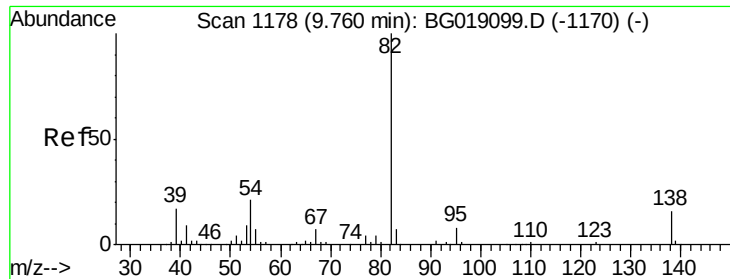
Tot Ion	82	Resp	103126
Ion Ratio	100		
Lower	31.4		
Upper	47.2		
54	62.7	50.0	75.0



#24
Nitrobenzene
Concen: 0.69 ng
RT: 9.23 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BG019168.D
Acq: 12 Oct 2015 21:44

Tgt Ion	77	Resp	1010
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower	31.8		
Upper	47.6#		
123	0.0	11.8	17.6#
65	34.4		





#25

Isophorone

Concen: 0.58 ng

RT: 9.76 min Scan# 1178

Delta R.T. -0.01 min

Lab File: BG019168.D

Acq: 12 Oct 2015 21:44

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

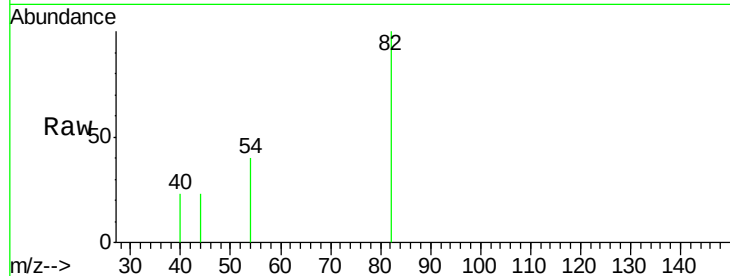
Tot Ion: 82 Resp: 1631

Ion Ratio Lower Upper

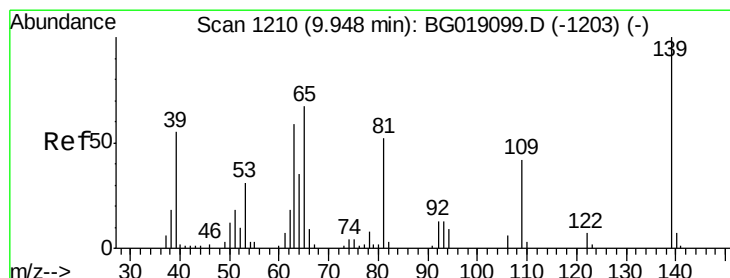
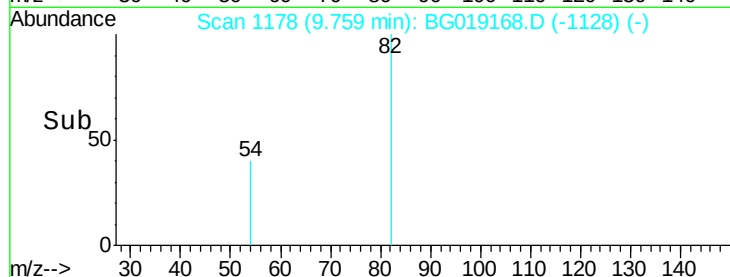
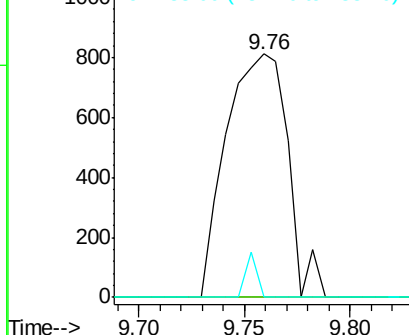
82 100

95 0.0 6.7 10.1#

138 0.0 12.6 19.0#



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: 0.47 ng

RT: 9.95 min Scan# 1210

Delta R.T. -0.00 min

Lab File: BG019168.D

Acq: 12 Oct 2015 21:44

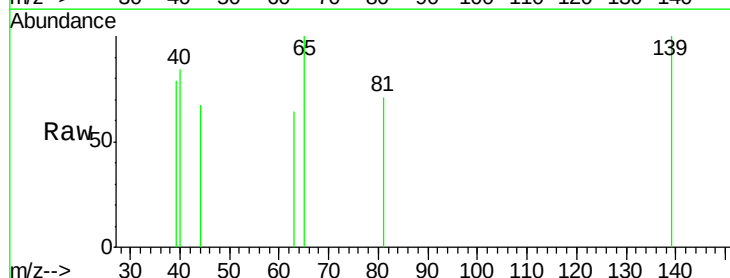
Tgt Ion: 139 Resp: 293

Ion Ratio Lower Upper

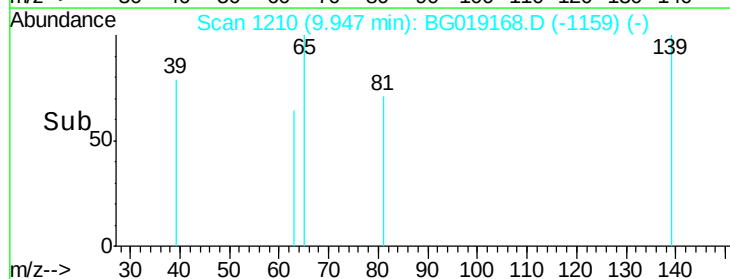
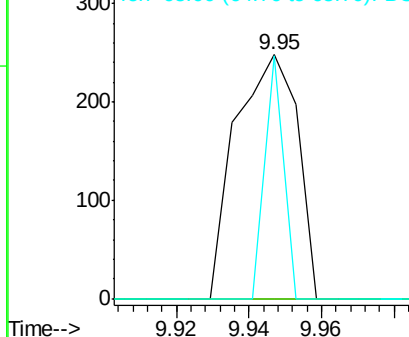
139 100

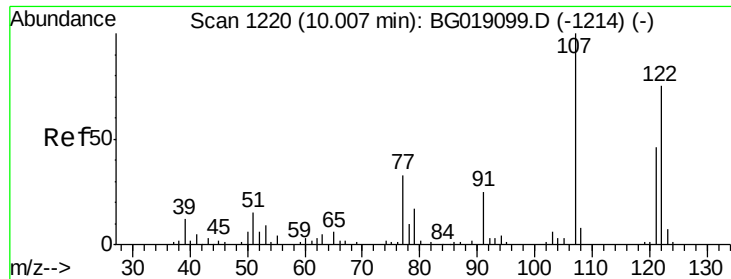
109 0.0 33.3 49.9#

65 99.6 53.6 80.4#



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

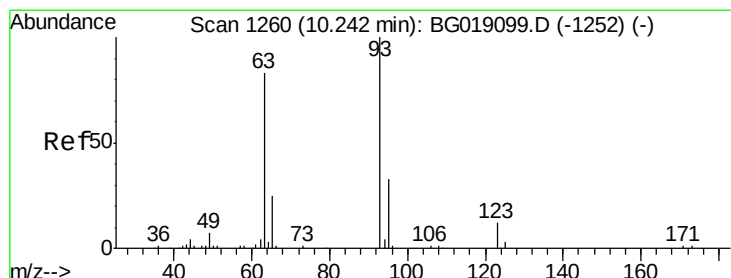
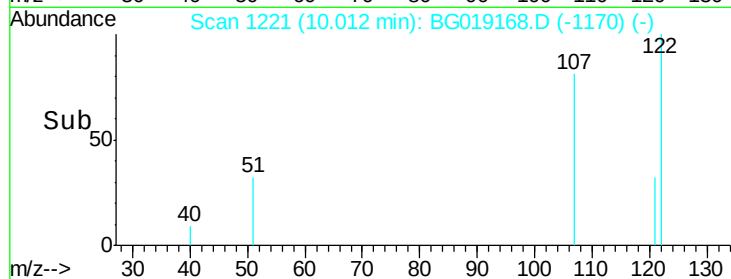
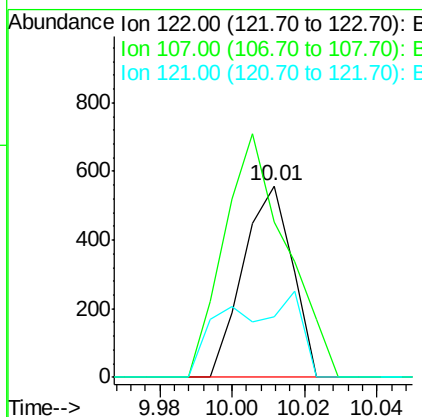
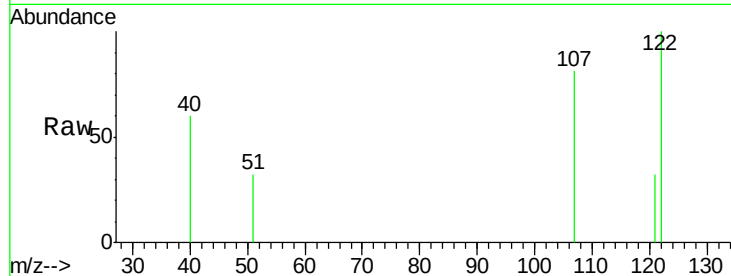




#27
 2,4-Dimethylphenol
 Concen: 0.49 ng
 RT: 10.01 min Scan# 1221
 Delta R.T. -0.00 min
 Lab File: BG019168.D
 Acq: 12 Oct 2015 21:44

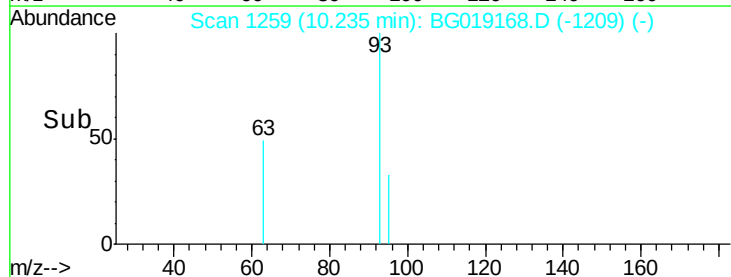
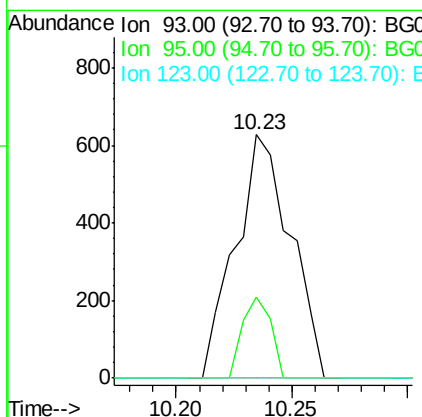
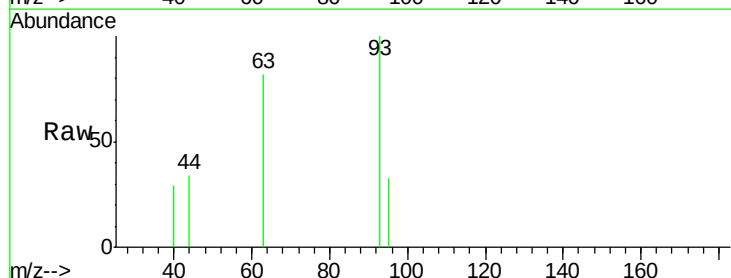
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

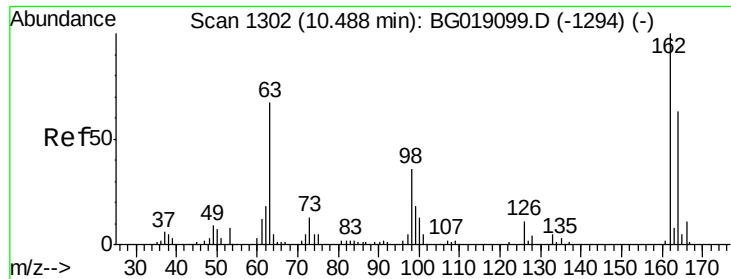
Tot Ion:122 Resp: 529
 Ion Ratio Lower Upper
 122 100
 107 81.1 105.1 157.7#
 121 31.6 48.7 73.1#



#28
 bis(2-Chloroethoxy)methane
 Concen: 0.70 ng
 RT: 10.23 min Scan# 1259
 Delta R.T. -0.01 min
 Lab File: BG019168.D
 Acq: 12 Oct 2015 21:44

Tgt Ion: 93 Resp: 1039
 Ion Ratio Lower Upper
 93 100
 95 33.3 26.5 39.7
 123 0.0 9.4 14.2#

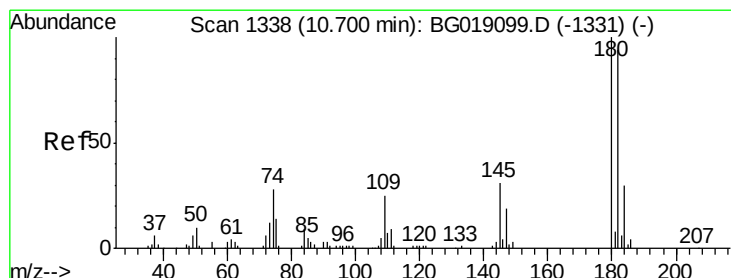
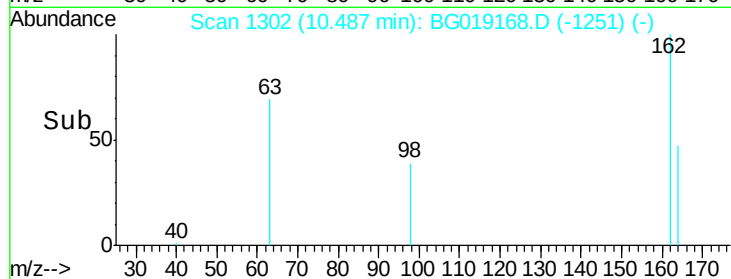
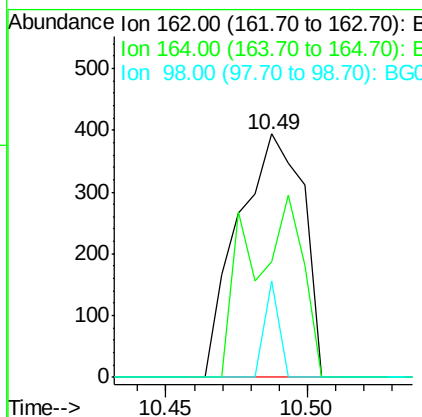
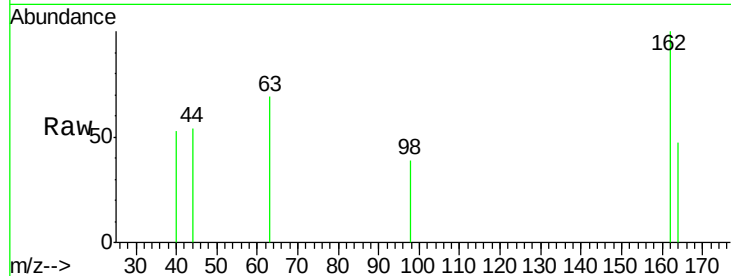




#29
 2,4-Dichlorophenol
 Concen: 0.55 ng
 RT: 10.49 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: BG019168.D
 Acq: 12 Oct 2015 21:44

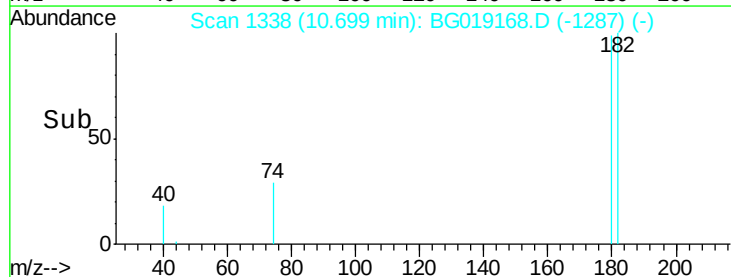
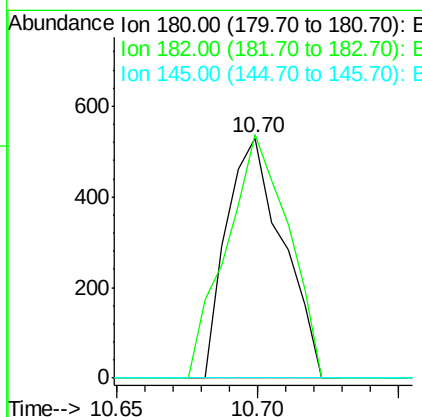
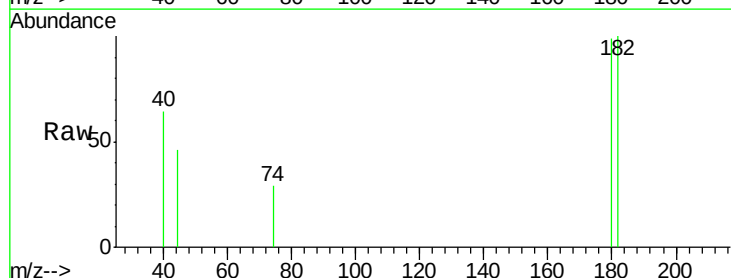
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

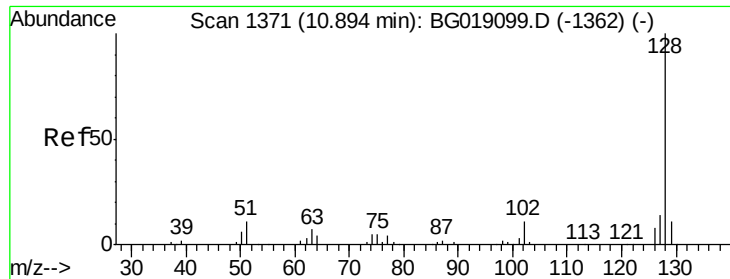
Tot Ion:162 Resp: 628
 Ion Ratio Lower Upper
 162 100
 164 47.5 42.8 82.8
 98 39.3 16.1 56.1



#30
 1,2,4-Trichlorobenzene
 Concen: 0.60 ng
 RT: 10.70 min Scan# 1338
 Delta R.T. -0.00 min
 Lab File: BG019168.D
 Acq: 12 Oct 2015 21:44

Tgt Ion:180 Resp: 730
 Ion Ratio Lower Upper
 180 100
 182 101.3 75.3 112.9
 145 0.0 24.9 37.3#

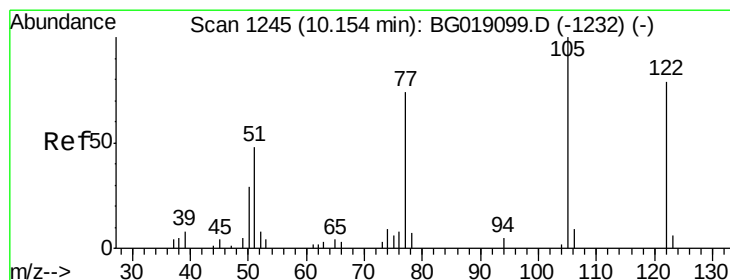
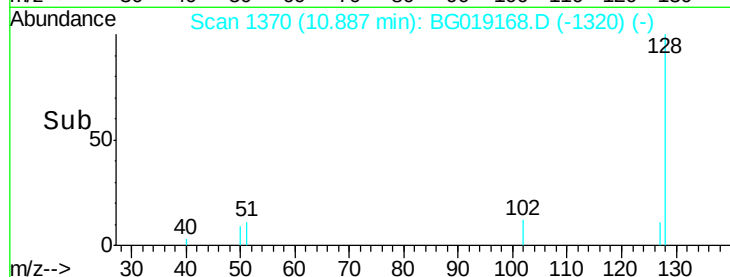
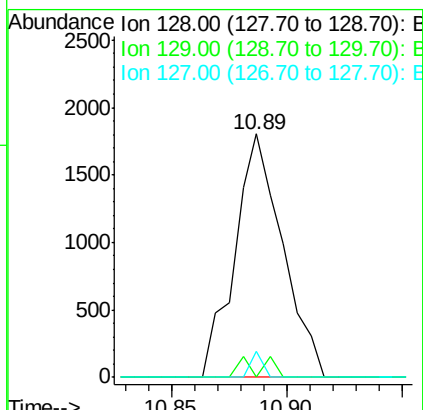
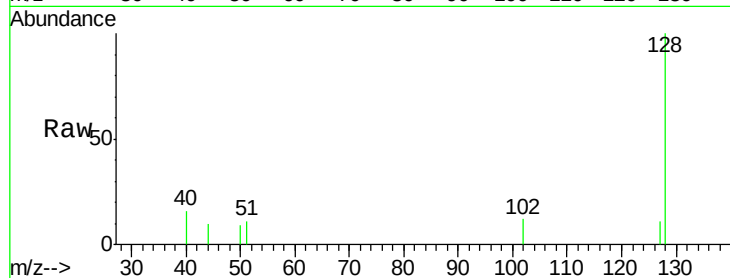




#31
Naphthalene
Concen: 0.71 ng
RT: 10.89 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BG019168.D
Acq: 12 Oct 2015 21:44

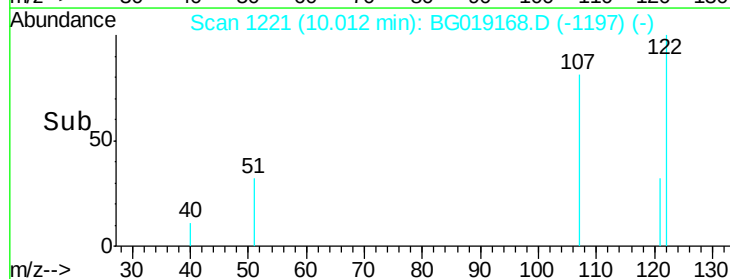
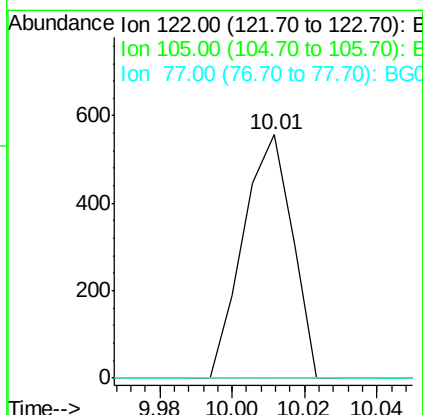
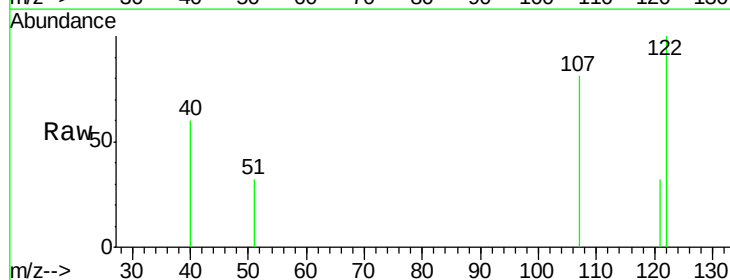
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

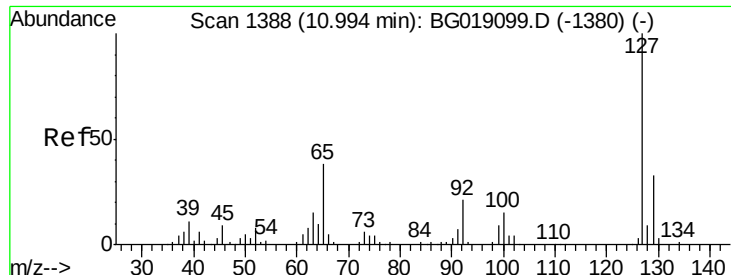
Tot Ion:128 Resp: 2592
Ion Ratio Lower Upper
128 100
129 0.0 8.6 12.8#
127 10.8 11.4 17.0#



#32
Benzoic acid
Concen: 8.45 ng
RT: 10.01 min Scan# 1221
Delta R.T. -0.16 min
Lab File: BG019168.D
Acq: 12 Oct 2015 21:44

Tgt Ion:122 Resp: 529
Ion Ratio Lower Upper
122 100
105 0.0 107.0 147.0#
77 0.0 73.4 113.4#

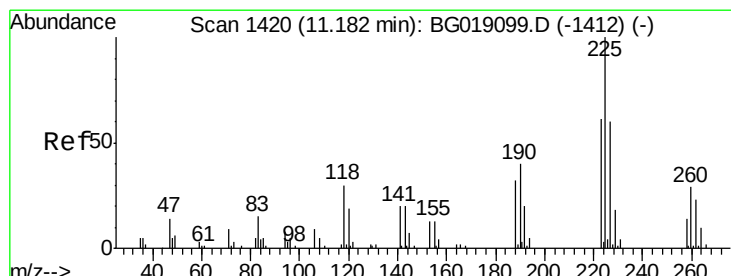
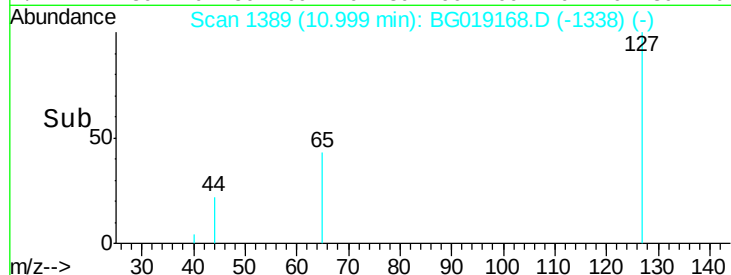
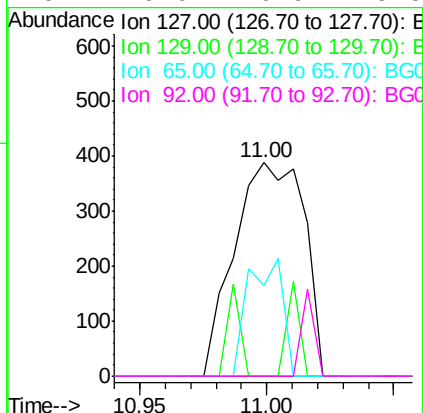
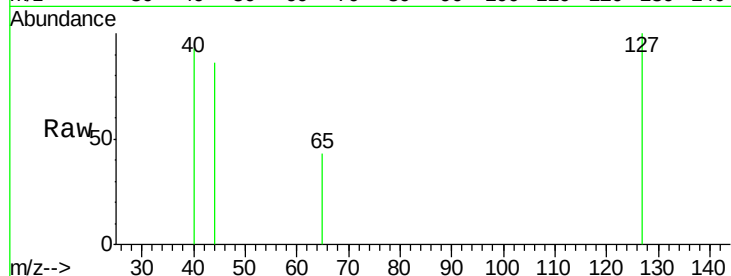




#33
4-Chloroaniline
Concen: 0.44 ng
RT: 11.00 min Scan# 1389
Delta R.T. -0.00 min
Lab File: BG019168.D
Acq: 12 Oct 2015 21:44

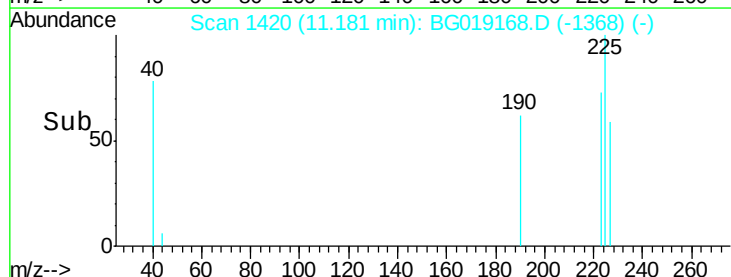
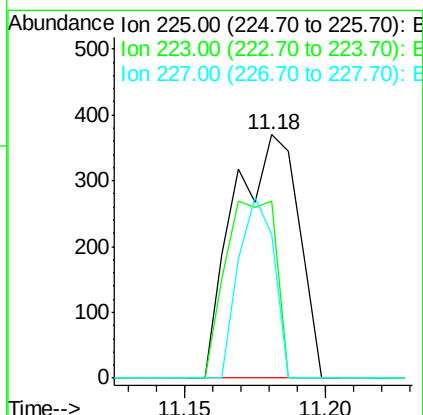
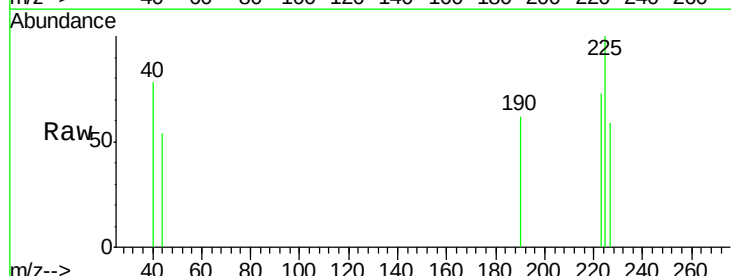
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

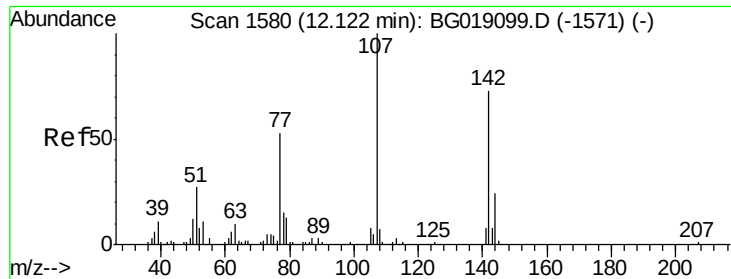
Tot Ion:127 Resp: 743
Ion Ratio Lower Upper
127 100
129 0.0 26.2 39.2#
65 42.8 30.4 45.6
92 0.0 16.9 25.3#



#34
Hexachlorobutadiene
Concen: 0.70 ng
RT: 11.18 min Scan# 1420
Delta R.T. 0.00 min
Lab File: BG019168.D
Acq: 12 Oct 2015 21:44

Tgt Ion:225 Resp: 586
Ion Ratio Lower Upper
225 100
223 72.7 48.6 72.8
227 58.9 48.1 72.1

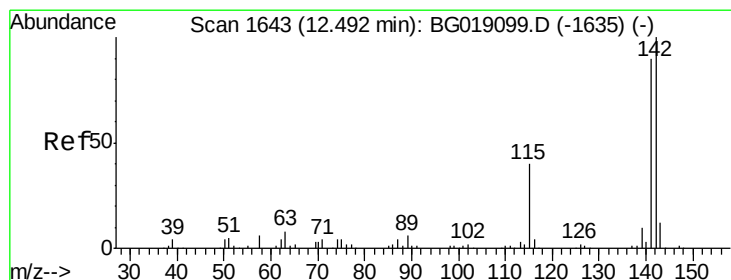
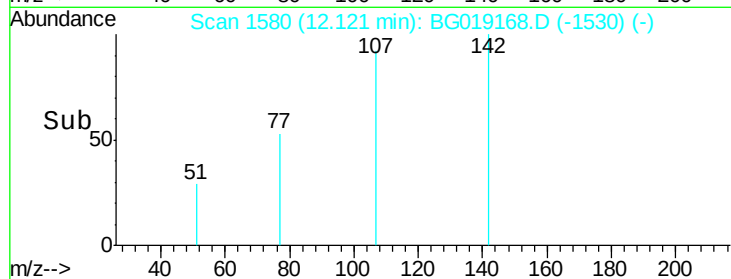
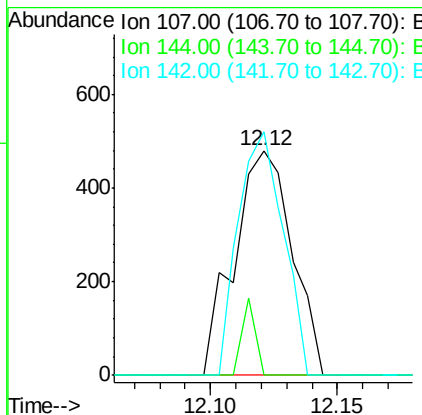
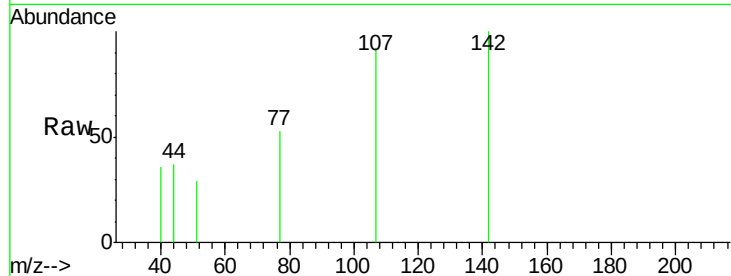




#36
 4-Chloro-3-methylphenol
 Concen: 0.53 ng
 RT: 12.12 min Scan# 1580
 Delta R.T. -0.01 min
 Lab File: BG019168.D
 Acq: 12 Oct 2015 21:44

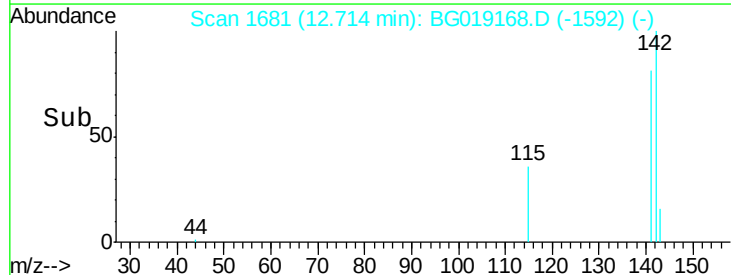
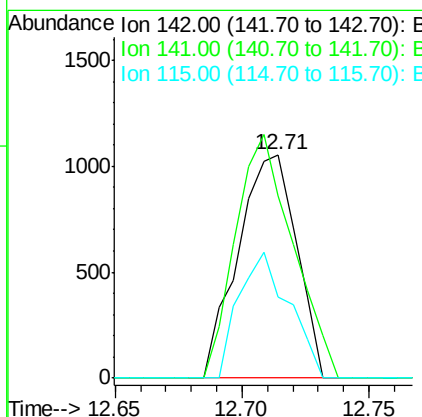
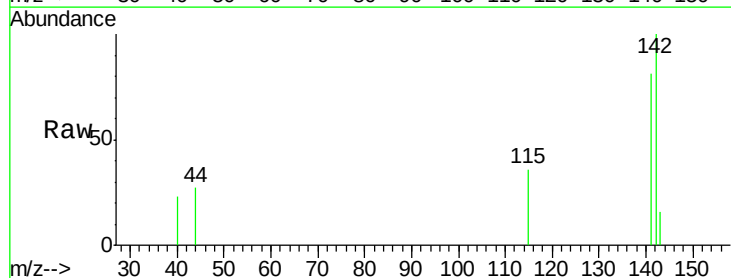
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

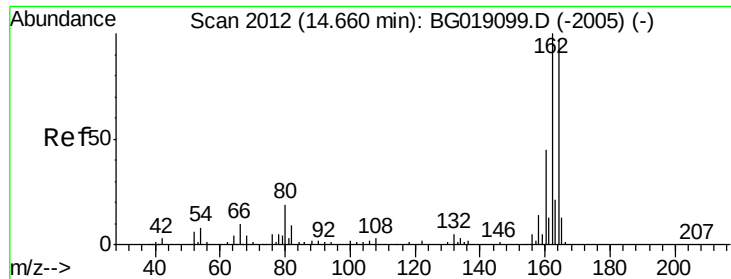
Tot Ion	Ratio	Lower	Upper
107	100		
144	0.0	19.0	28.6#
142	108.3	58.5	87.7#



#37
 2-Methylnaphthalene
 Concen: 0.60 ng
 RT: 12.71 min Scan# 1681
 Delta R.T. 0.22 min
 Lab File: BG019168.D
 Acq: 12 Oct 2015 21:44

Tgt Ion	Ratio	Lower	Upper
142	100		
141	81.3	72.1	108.1
115	36.1	31.8	47.8





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.66 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BG019168.D

Acq: 12 Oct 2015 21:44

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

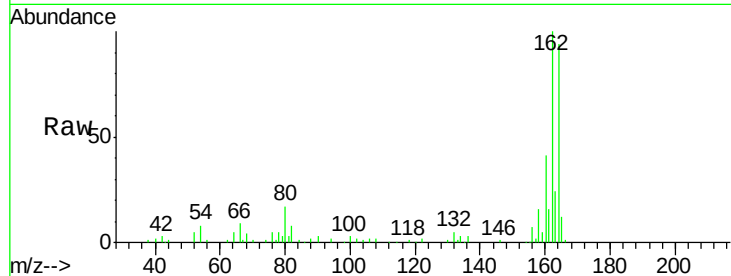
Tot Ion:164 Resp: 56197

Ion Ratio Lower Upper

164 100

162 106.8 82.6 124.0

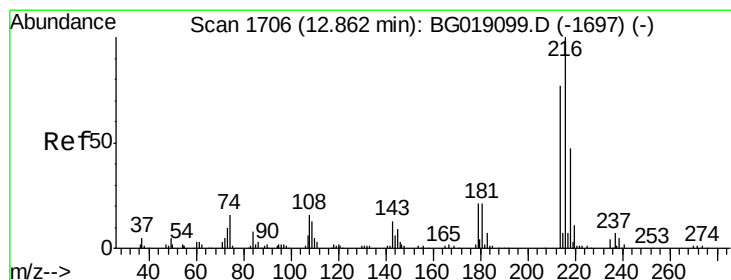
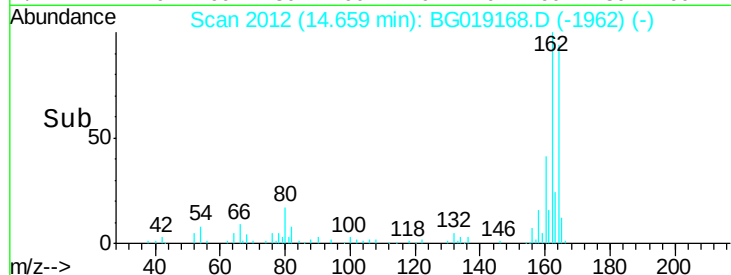
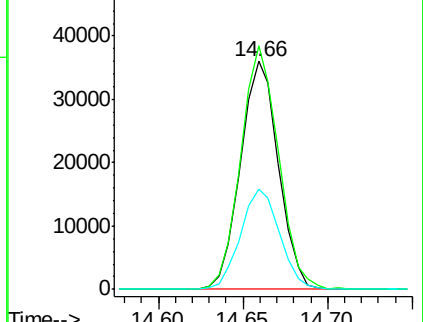
160 44.2 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 0.67 ng

RT: 12.86 min Scan# 1705

Delta R.T. -0.01 min

Lab File: BG019168.D

Acq: 12 Oct 2015 21:44

Tgt Ion:216 Resp: 1086

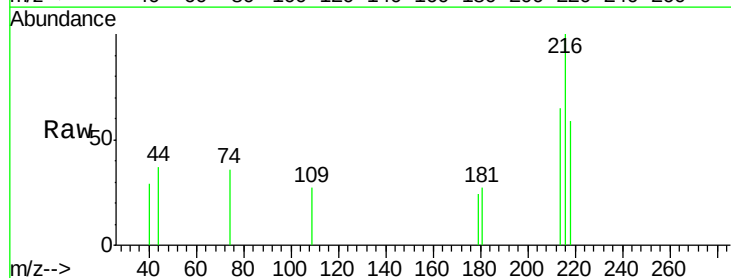
Ion Ratio Lower Upper

216 100

214 73.6 64.0 96.0

179 17.4 16.9 25.3

108 0.0 14.7 22.1#

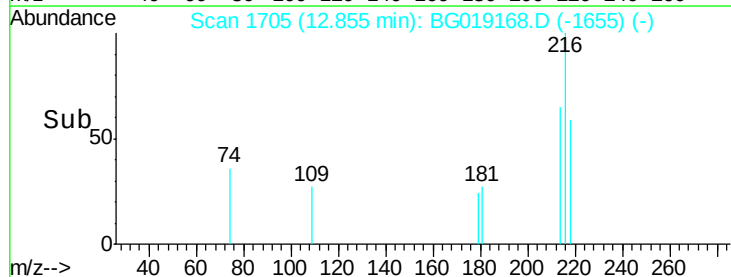
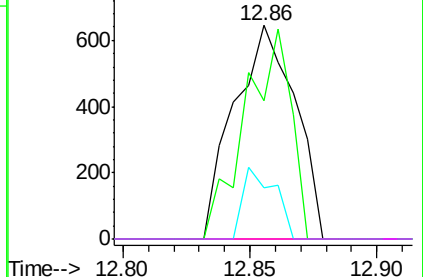


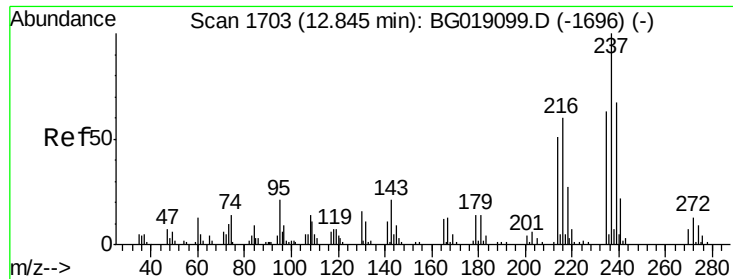
Abundance Ion 216.00 (215.70 to 216.70): E

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: 0.09 ng

RT: 12.84 min Scan# 1703

Delta R.T. -0.00 min

Lab File: BG019168.D

Acq: 12 Oct 2015 21:44

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

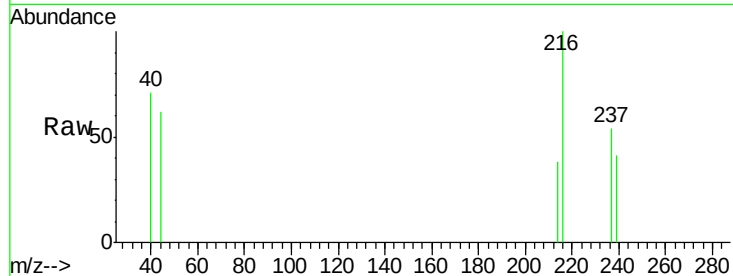
Tot Ion:237 Resp: 78

Ion Ratio Lower Upper

237 100

235 0.0 43.2 83.2#

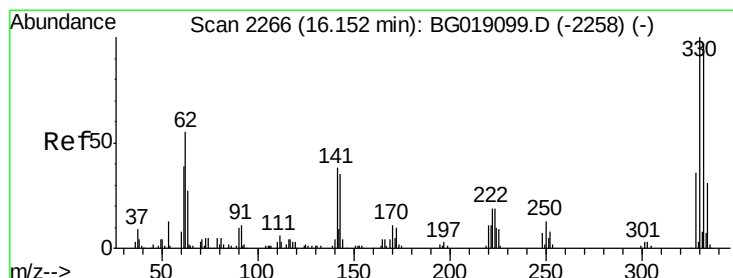
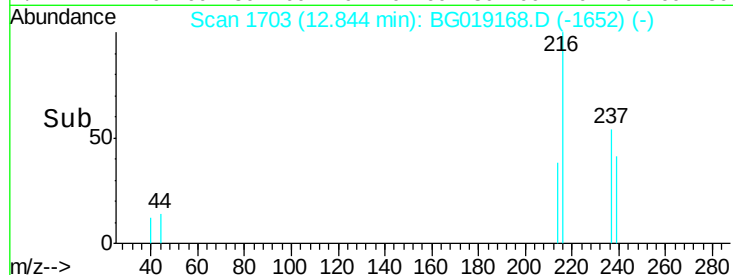
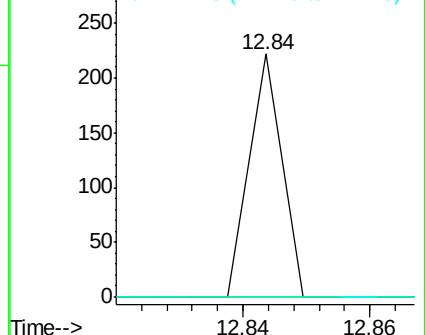
272 0.0 0.0 33.2



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: 117.35 ng

RT: 16.15 min Scan# 2266

Delta R.T. -0.00 min

Lab File: BG019168.D

Acq: 12 Oct 2015 21:44

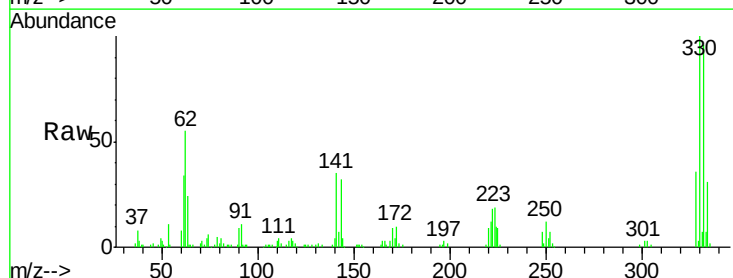
Tgt Ion:330 Resp: 89864

Ion Ratio Lower Upper

330 100

332 96.8 77.3 115.9

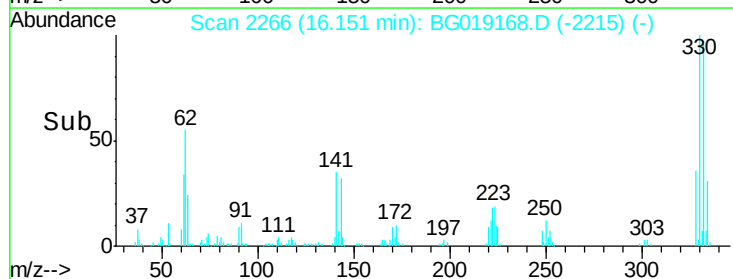
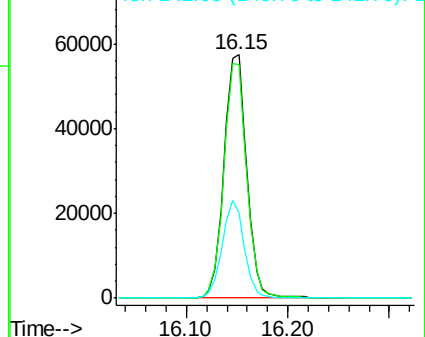
141 38.5 30.7 46.1

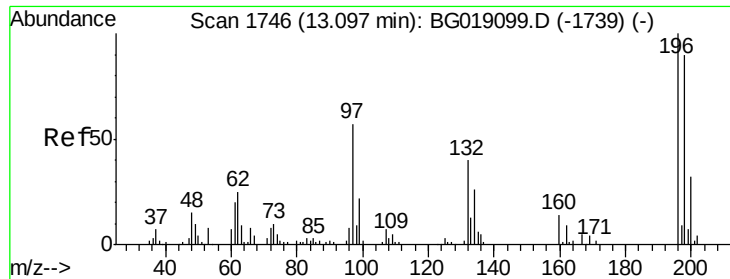


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

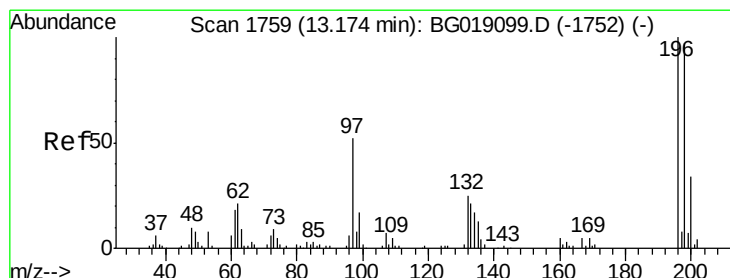
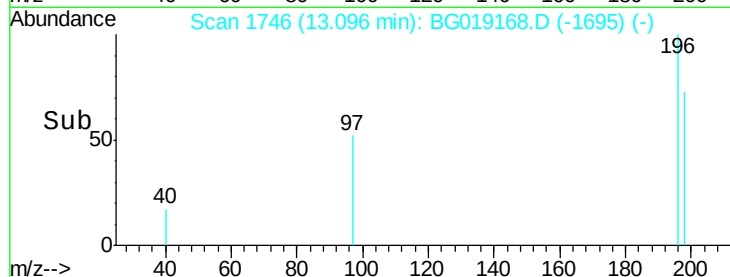
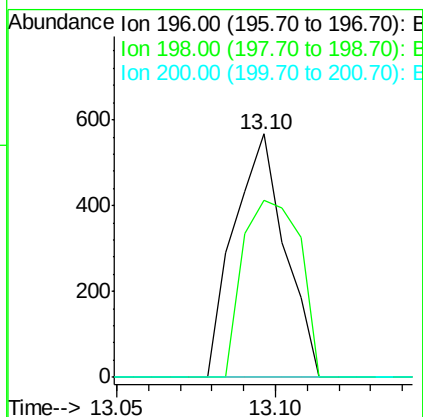
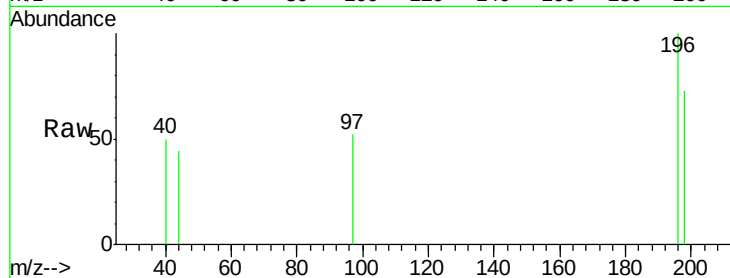




#42
 2,4,6-Trichlorophenol
 Concen: 0.56 ng
 RT: 13.10 min Scan# 1746
 Delta R.T. -0.00 min
 Lab File: BG019168.D
 Acq: 12 Oct 2015 21:44

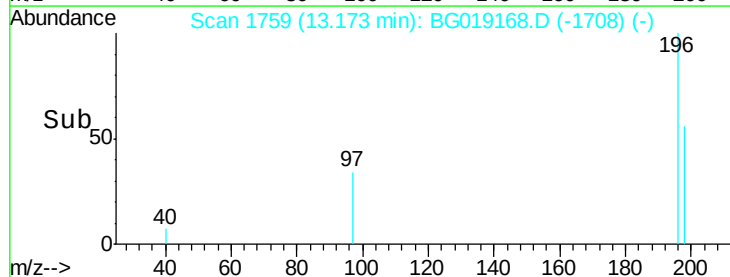
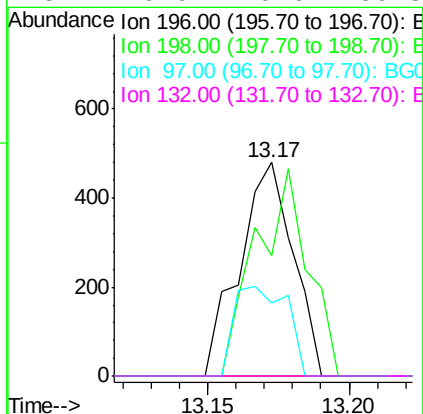
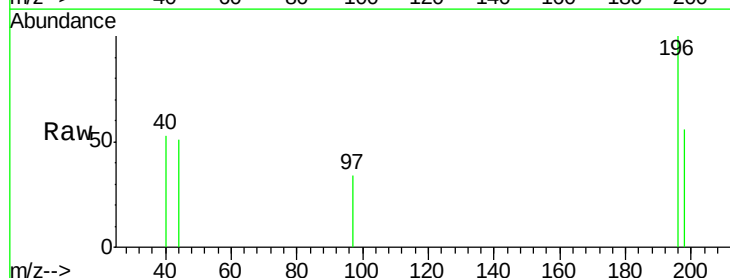
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

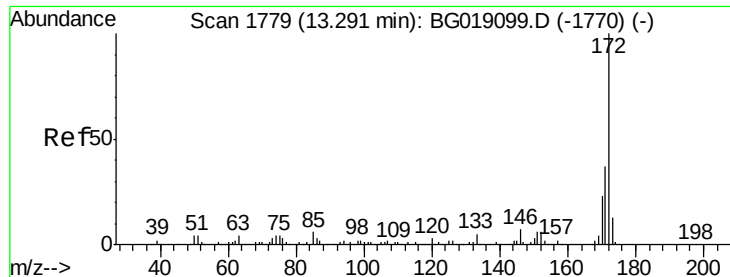
Tot Ion:196 Resp: 631
 Ion Ratio Lower Upper
 196 100
 198 72.8 72.0 108.0
 200 0.0 25.5 38.3#



#43
 2,4,5-Trichlorophenol
 Concen: 0.53 ng
 RT: 13.17 min Scan# 1759
 Delta R.T. -0.00 min
 Lab File: BG019168.D
 Acq: 12 Oct 2015 21:44

Tgt Ion:196 Resp: 632
 Ion Ratio Lower Upper
 196 100
 198 56.5 77.7 116.5#
 97 34.4 41.4 62.2#
 132 0.0 20.6 30.8#

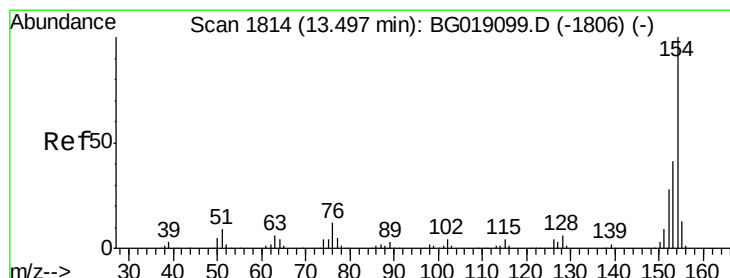
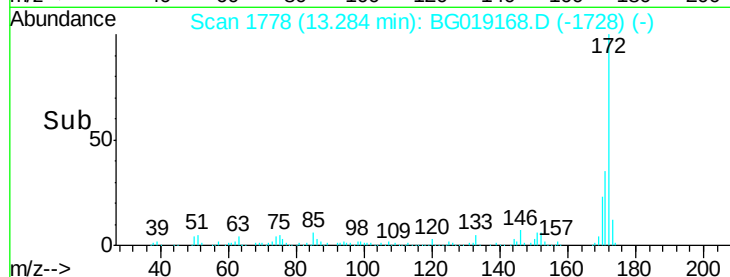
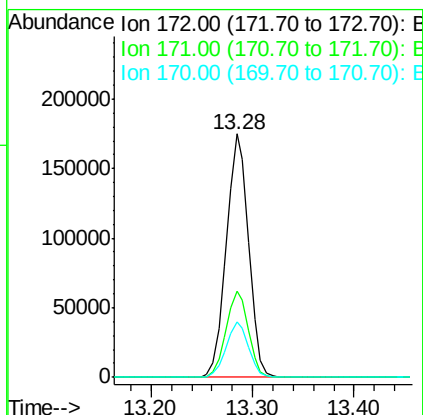
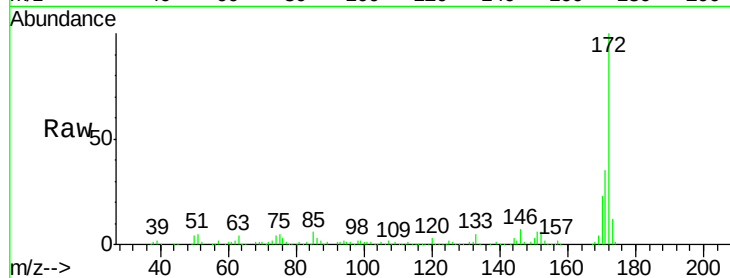




#44
2-Fluorobiphenyl
Concen: 72.54 ng
RT: 13.28 min Scan# 1778
Delta R.T. -0.01 min
Lab File: BG019168.D
Acq: 12 Oct 2015 21:44

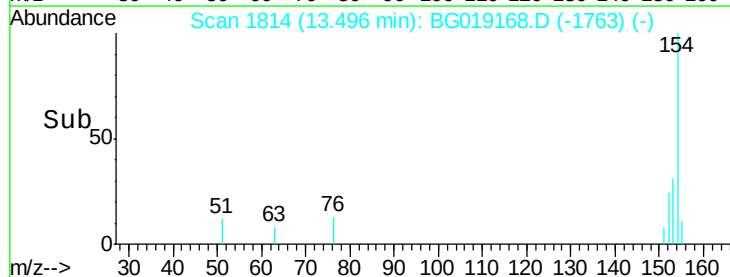
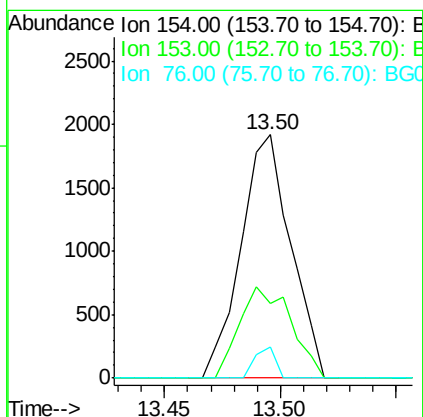
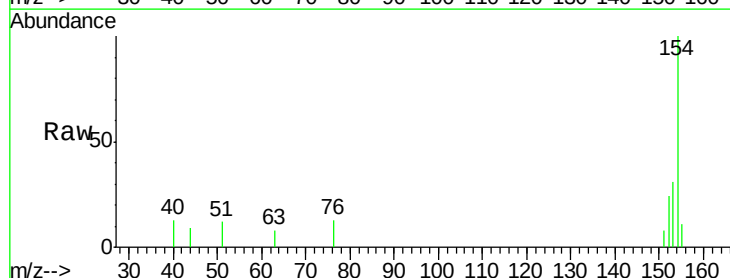
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

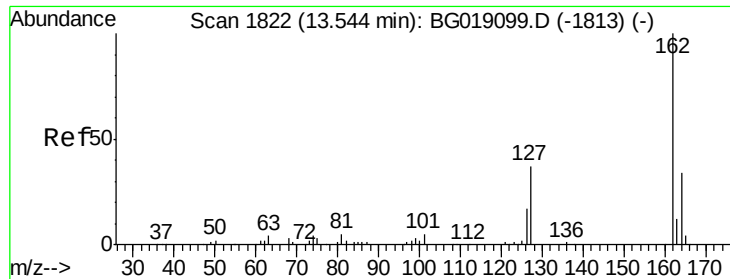
Tot Ion:172 Resp: 265127
Ion Ratio Lower Upper
172 100
171 35.4 29.9 44.9
170 22.6 18.6 27.8



#45
1,1'-Biphenyl
Concen: 0.71 ng
RT: 13.50 min Scan# 1814
Delta R.T. -0.00 min
Lab File: BG019168.D
Acq: 12 Oct 2015 21:44

Tgt Ion:154 Resp: 2883
Ion Ratio Lower Upper
154 100
153 30.6 20.6 60.6
76 12.6 0.0 32.2

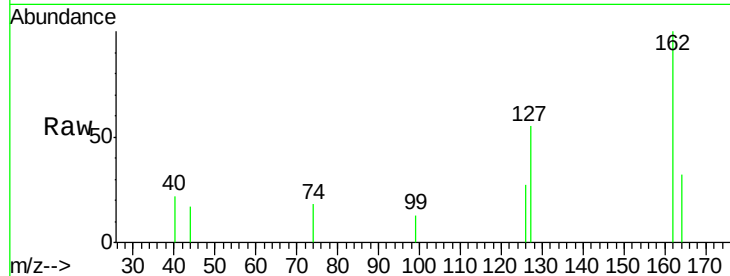




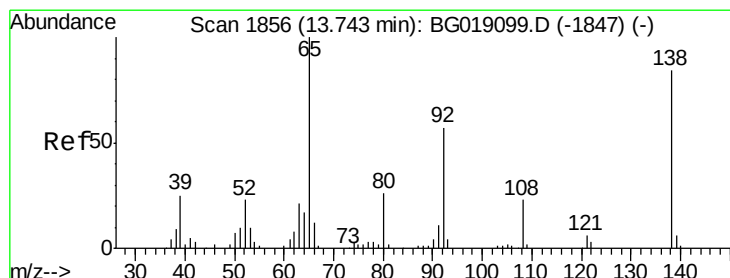
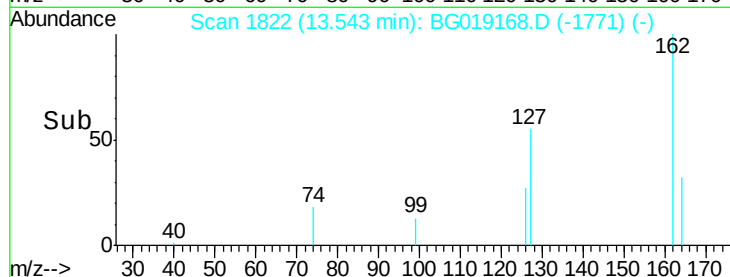
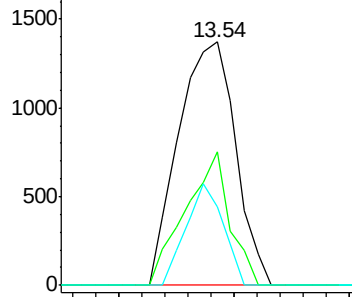
#46
2-Chloronaphthalene
Concen: 0.75 ng
RT: 13.54 min Scan# 1822
Delta R.T. -0.00 min
Lab File: BG019168.D
Acq: 12 Oct 2015 21:44

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tot Ion:162 Resp: 2356
Ion Ratio Lower Upper
162 100
127 54.7 32.2 48.4#
164 32.2 27.3 40.9

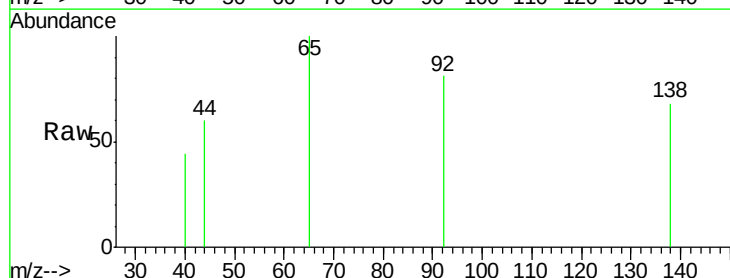


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

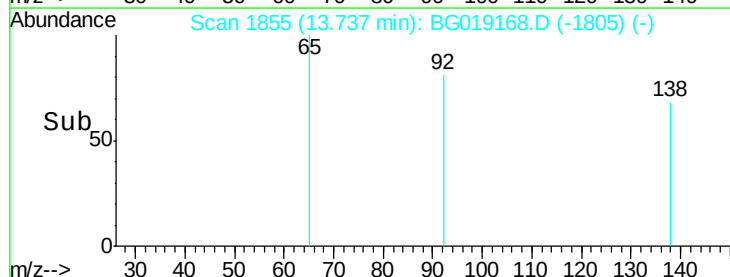
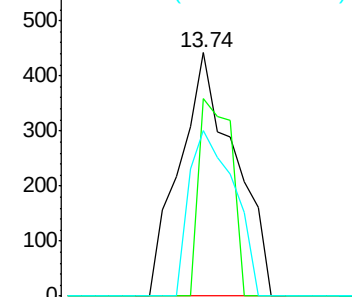


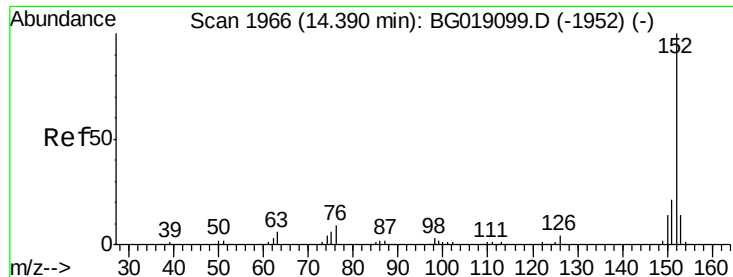
#47
2-Nitroaniline
Concen: 0.58 ng
RT: 13.74 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BG019168.D
Acq: 12 Oct 2015 21:44

Tgt Ion: 65 Resp: 732
Ion Ratio Lower Upper
65 100
92 81.2 45.8 68.8#
138 67.9 66.9 100.3



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 0.70 ng

RT: 14.38 min Scan# 1965

Delta R.T. -0.01 min

Lab File: BG019168.D

Acq: 12 Oct 2015 21:44

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

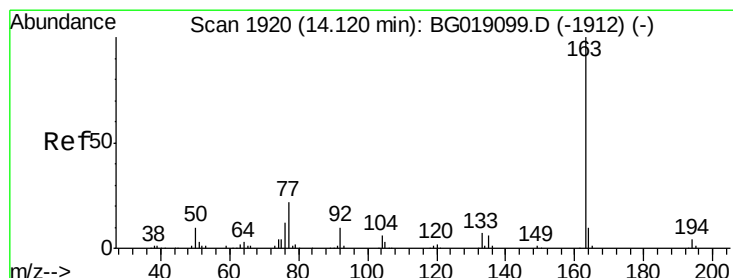
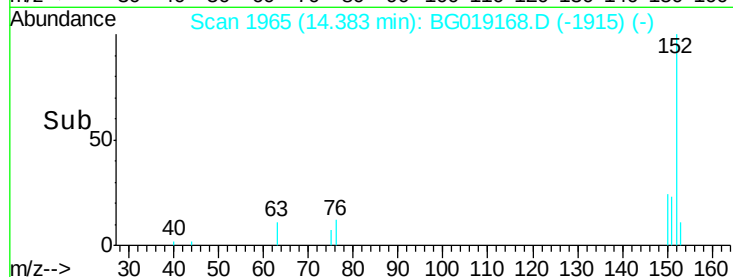
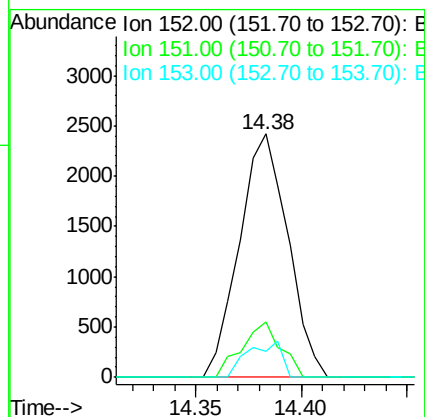
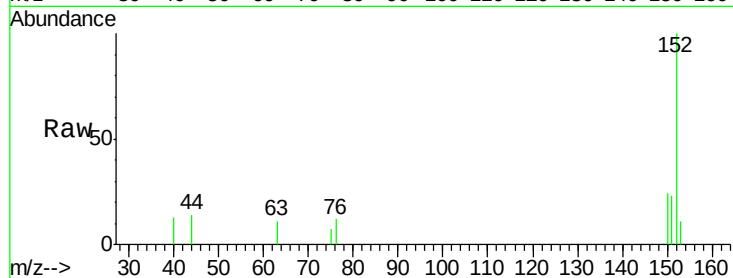
Tot Ion:152 Resp: 3851

Ion Ratio Lower Upper

152 100

151 23.0 16.8 25.2

153 10.9 11.0 16.4#



#49

Dimethylphthalate

Concen: 0.64 ng

RT: 14.11 min Scan# 1919

Delta R.T. -0.01 min

Lab File: BG019168.D

Acq: 12 Oct 2015 21:44

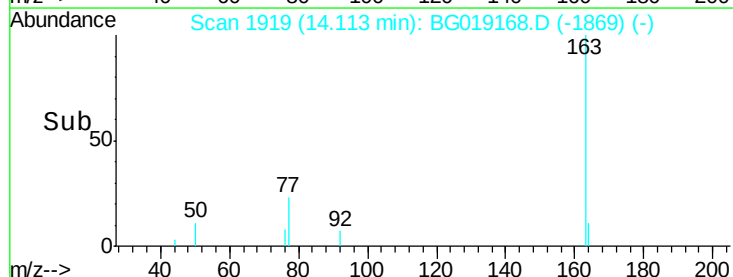
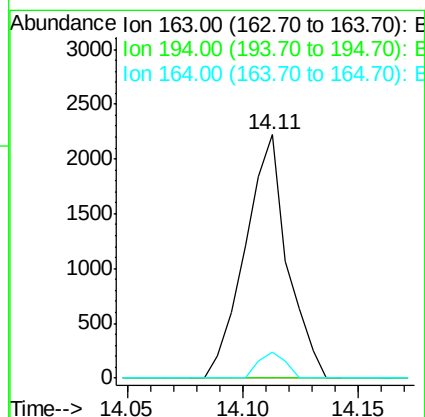
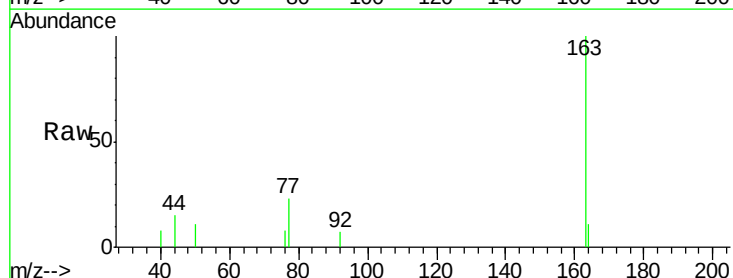
Tgt Ion:163 Resp: 2831

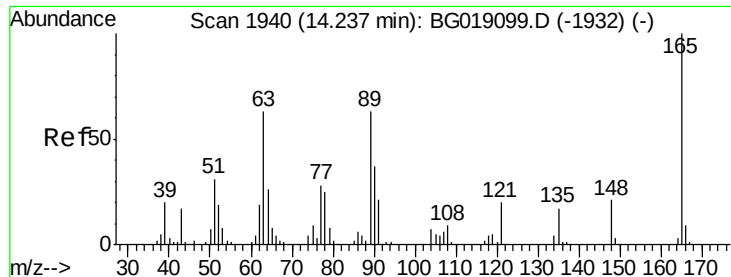
Ion Ratio Lower Upper

163 100

194 0.0 3.2 4.8#

164 10.8 8.1 12.1

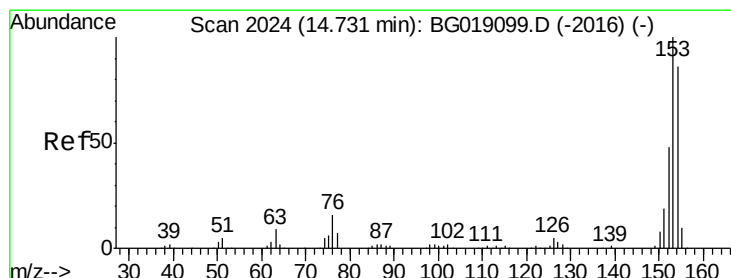
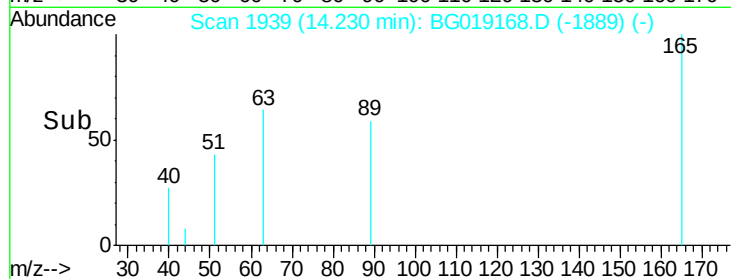
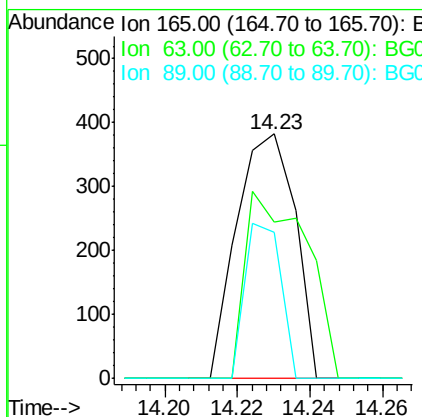
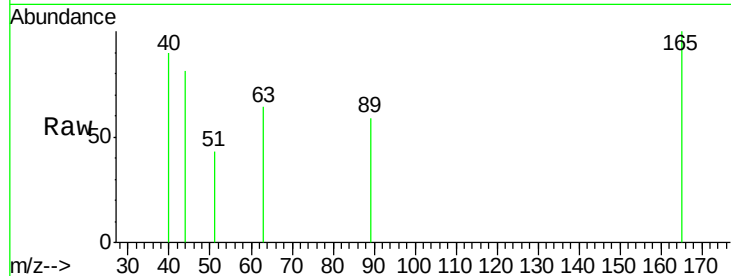




#50
2,6-Dinitrotoluene
Concen: 0.45 ng
RT: 14.23 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BG019168.D
Acq: 12 Oct 2015 21:44

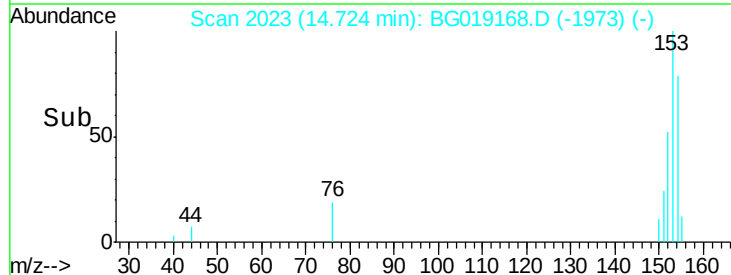
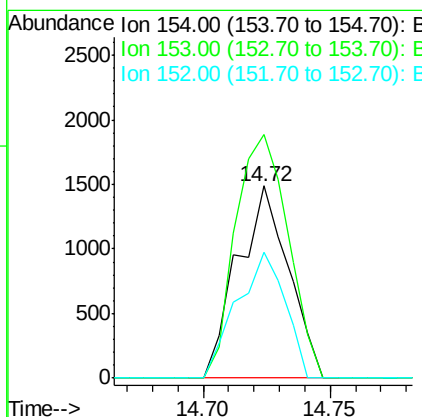
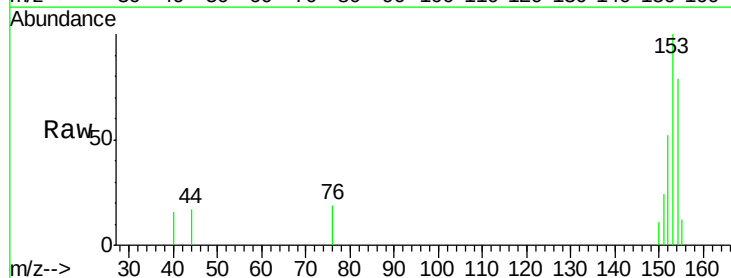
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

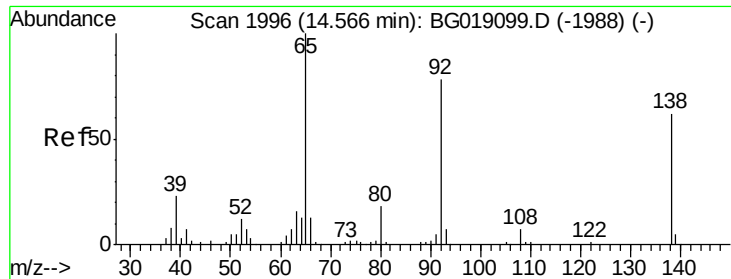
Tot Ion:165 Resp: 426
Ion Ratio Lower Upper
165 100
63 64.1 52.6 78.8
89 59.4 50.6 76.0



#51
Acenaphthene
Concen: 0.62 ng
RT: 14.72 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BG019168.D
Acq: 12 Oct 2015 21:44

Tgt Ion:154 Resp: 2079
Ion Ratio Lower Upper
154 100
153 126.7 93.4 140.2
152 65.6 44.9 67.3

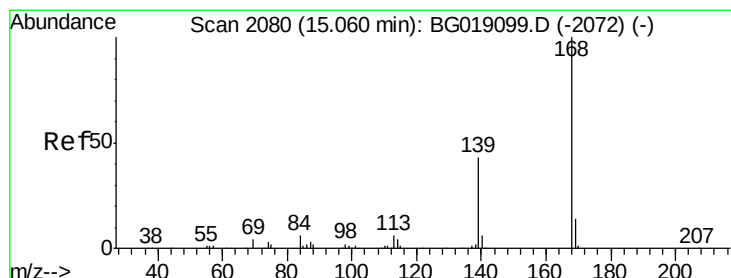
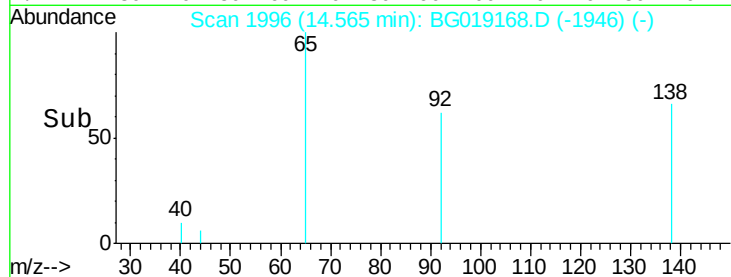
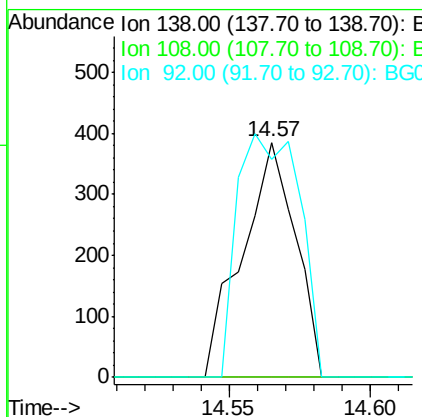
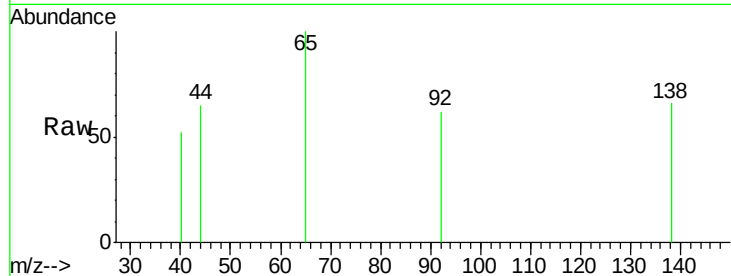




#52
 3-Nitroaniline
 Concen: 0.48 ng
 RT: 14.57 min Scan# 1996
 Delta R.T. -0.01 min
 Lab File: BG019168.D
 Acq: 12 Oct 2015 21:44

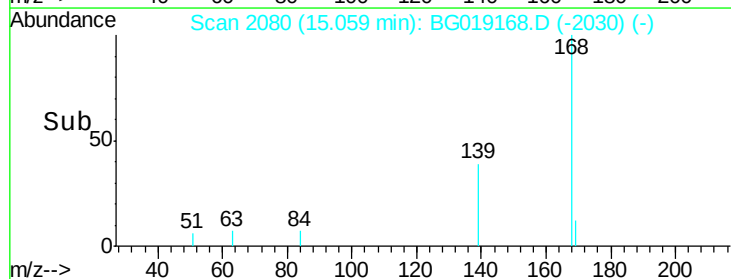
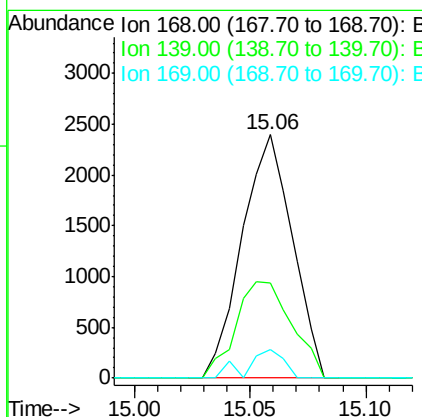
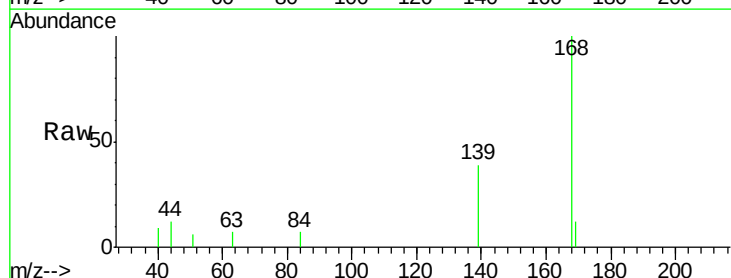
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

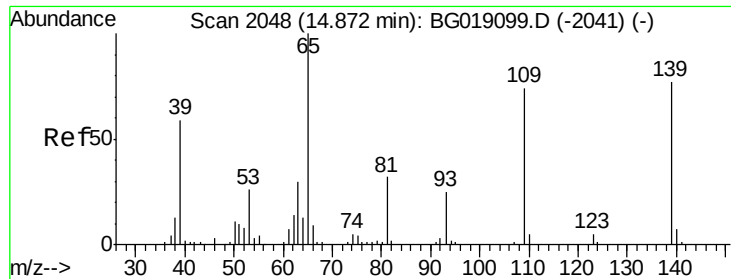
Tot Ion:138 Resp: 505
 Ion Ratio Lower Upper
 138 100
 108 0.0 8.6 13.0#
 92 93.0 101.4 152.0#



#54
 Dibenzofuran
 Concen: 0.74 ng
 RT: 15.06 min Scan# 2080
 Delta R.T. -0.01 min
 Lab File: BG019168.D
 Acq: 12 Oct 2015 21:44

Tgt Ion:168 Resp: 3643
 Ion Ratio Lower Upper
 168 100
 139 39.3 34.2 51.4
 169 11.7 11.4 17.0





#55

4-Nitrophenol

Concen: 0.08 ng

RT: 14.89 min Scan# 2051

Delta R.T. 0.00 min

Lab File: BG019168.D

Acq: 12 Oct 2015 21:44

Instrument :

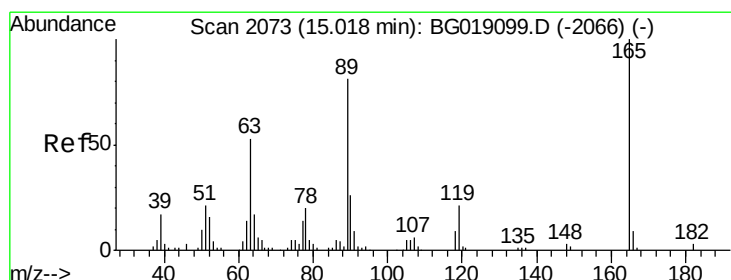
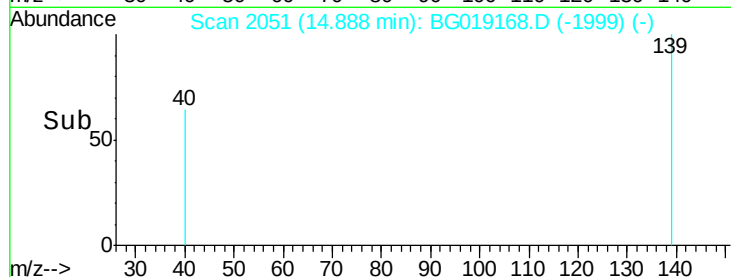
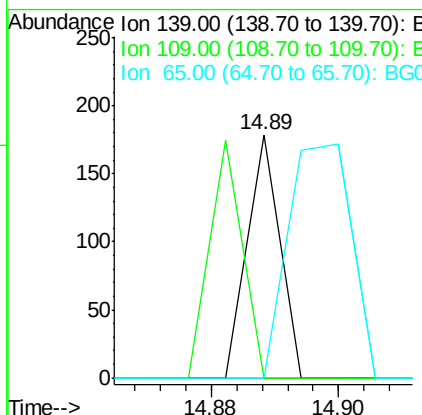
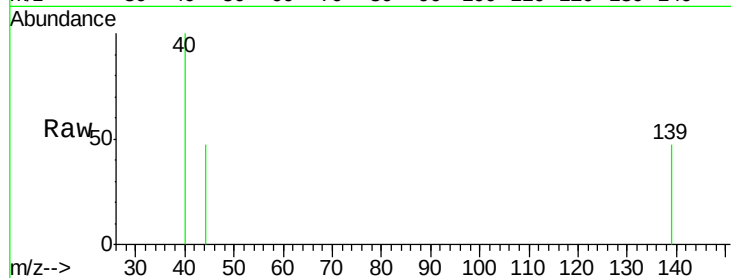
BNA_G

ClientSampleId :

LOD-SOIL2015-01

Tot Ion:139 Resp: 63

Ion	Ratio	Lower	Upper
139	100		
109	0.0	76.8	116.8#
65	0.0	110.0	150.0#



#56

2,4-Dinitrotoluene

Concen: 0.50 ng

RT: 15.01 min Scan# 2072

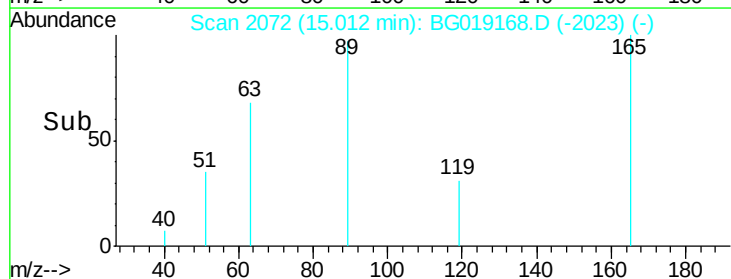
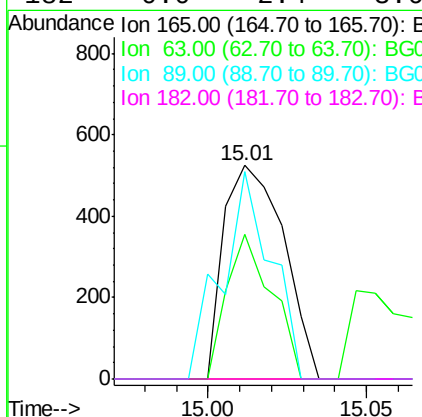
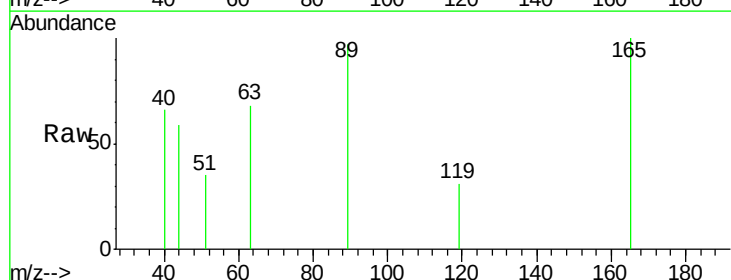
Delta R.T. -0.01 min

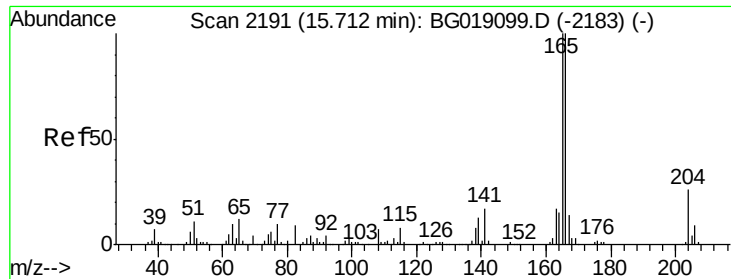
Lab File: BG019168.D

Acq: 12 Oct 2015 21:44

Tgt Ion:165 Resp: 689

Ion	Ratio	Lower	Upper
165	100		
63	67.6	42.2	63.2#
89	97.0	64.8	97.2
182	0.0	2.4	3.6#

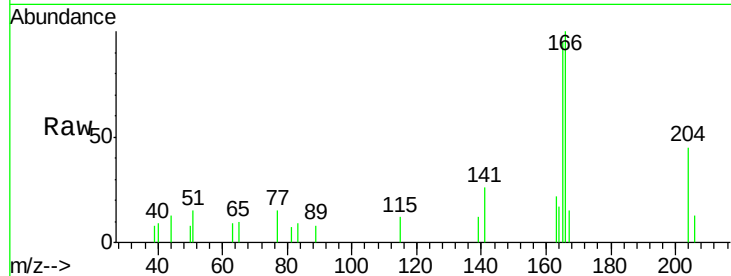




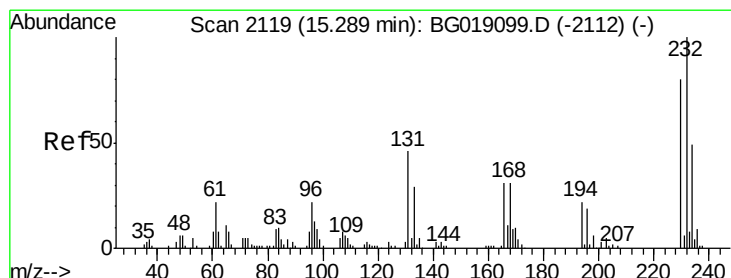
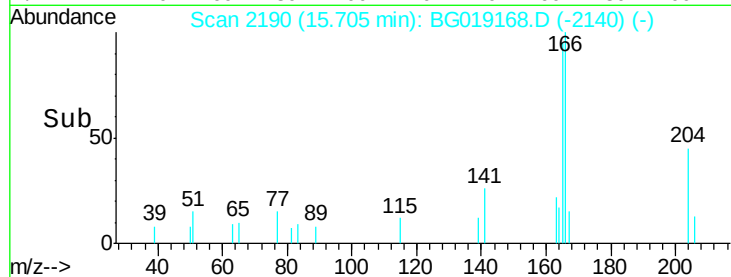
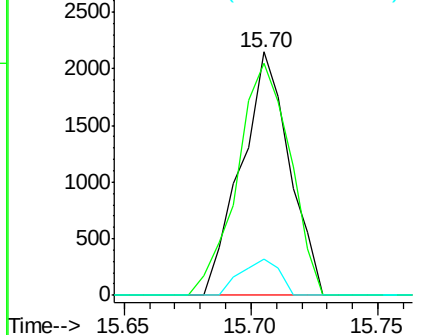
#57
 Fluorene
 Concen: 0.67 ng
 RT: 15.70 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG019168.D
 Acq: 12 Oct 2015 21:44

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

Tot Ion:166 Resp: 2863
 Ion Ratio Lower Upper
 166 100
 165 95.2 80.2 120.2
 167 14.7 11.4 17.0

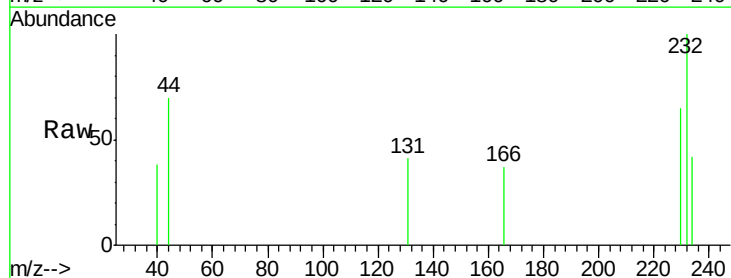


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

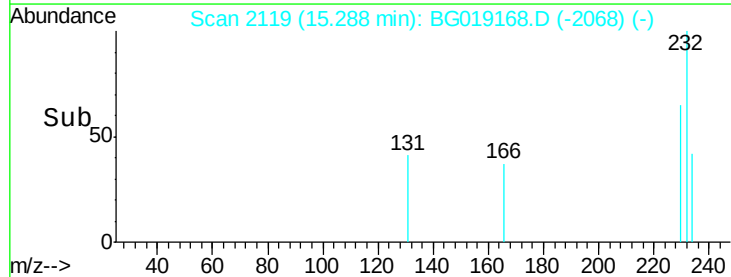
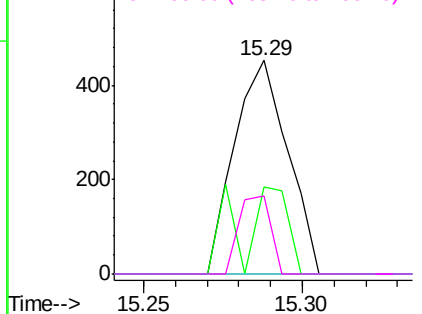


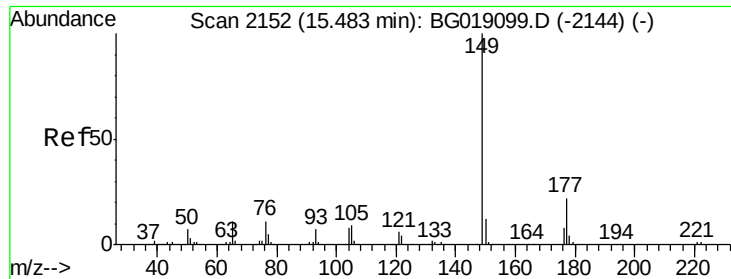
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 0.46 ng
 RT: 15.29 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: BG019168.D
 Acq: 12 Oct 2015 21:44

Tgt Ion:232 Resp: 526
 Ion Ratio Lower Upper
 232 100
 131 36.9 36.5 54.7
 130 0.0 2.3 3.5#
 166 21.7 25.7 38.5#



Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

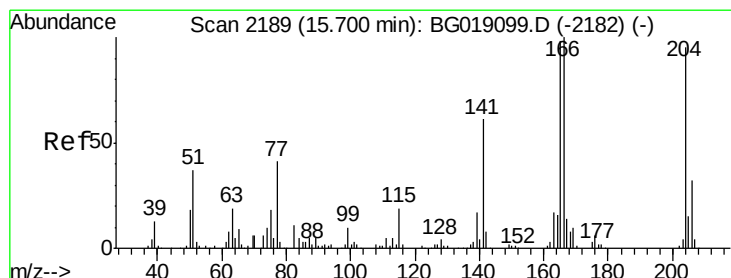
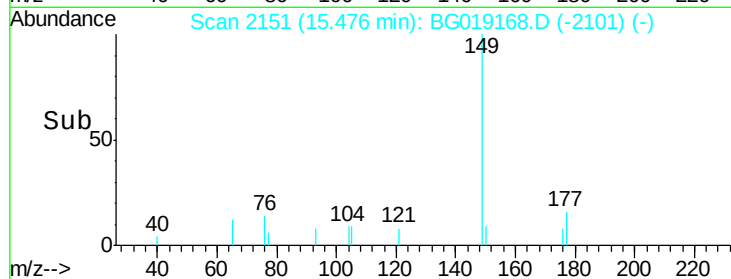
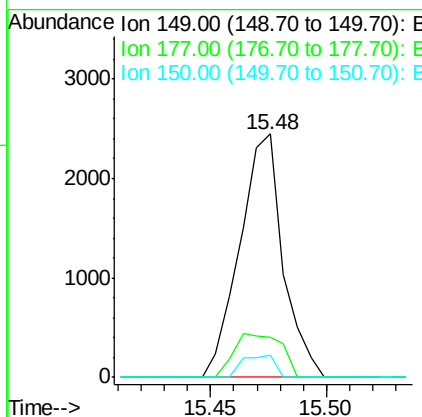
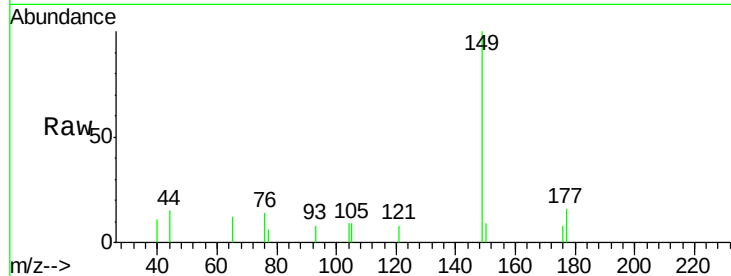




#59
Diethylphthalate
Concen: 0.69 ng
RT: 15.48 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BG019168.D
Acq: 12 Oct 2015 21:44

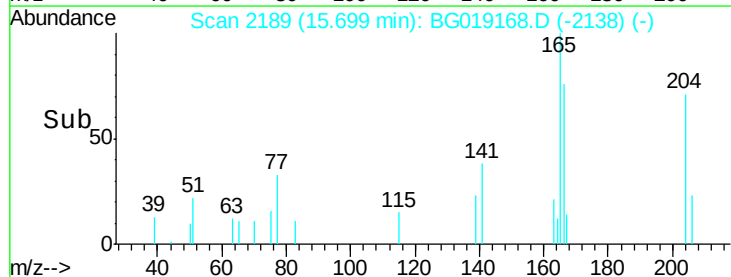
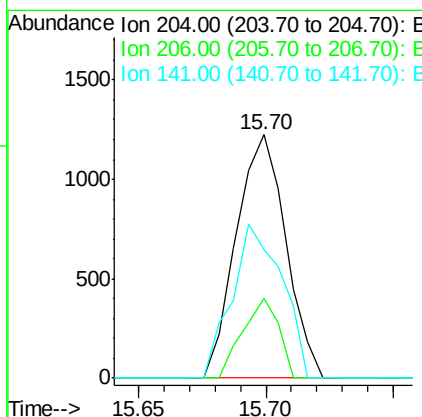
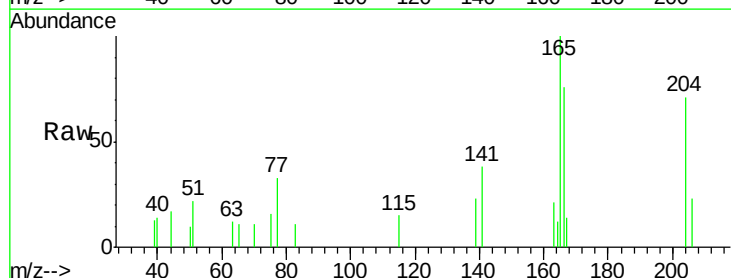
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

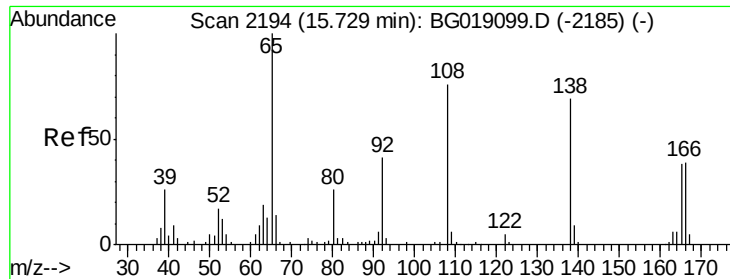
Tot Ion:149 Resp: 3192
Ion Ratio Lower Upper
149 100
177 16.3 17.7 26.5#
150 9.1 9.4 14.2#



#60
4-Chlorophenyl-phenylether
Concen: 0.77 ng
RT: 15.70 min Scan# 2189
Delta R.T. -0.00 min
Lab File: BG019168.D
Acq: 12 Oct 2015 21:44

Tgt Ion:204 Resp: 1669
Ion Ratio Lower Upper
204 100
206 32.9 27.0 40.4
141 52.9 51.9 77.9

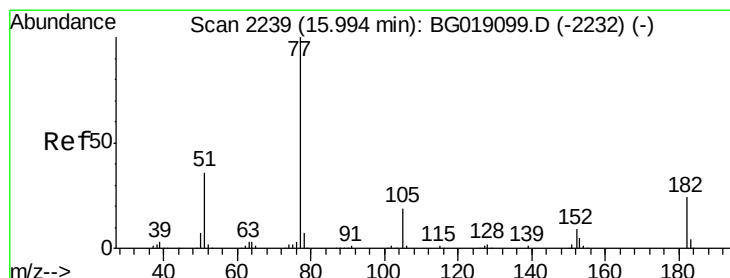
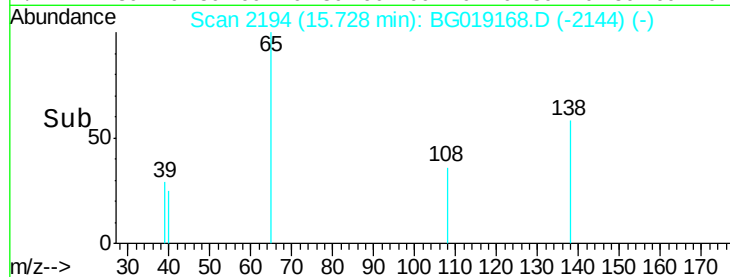
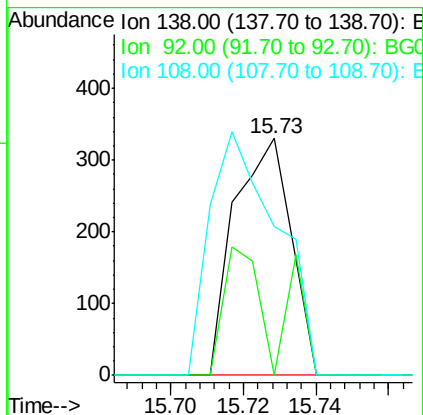
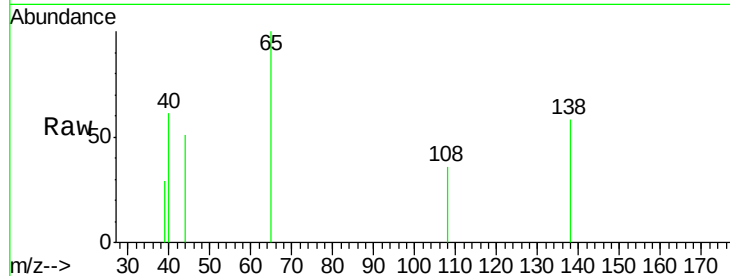




#61
4-Nitroaniline
Concen: 0.31 ng
RT: 15.73 min Scan# 2194
Delta R.T. -0.01 min
Lab File: BG019168.D
Acq: 12 Oct 2015 21:44

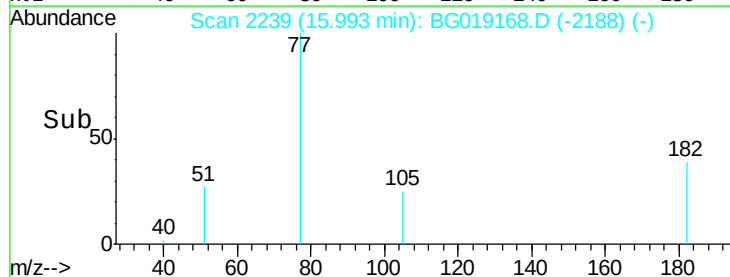
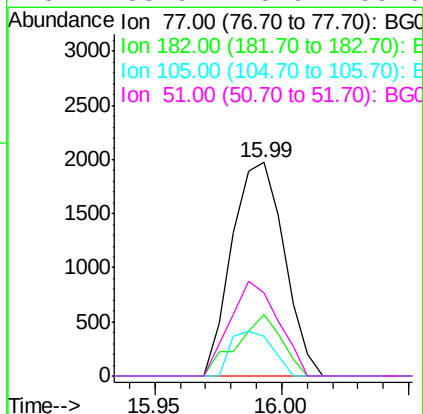
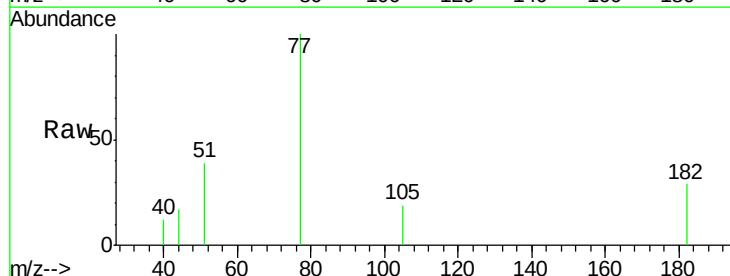
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

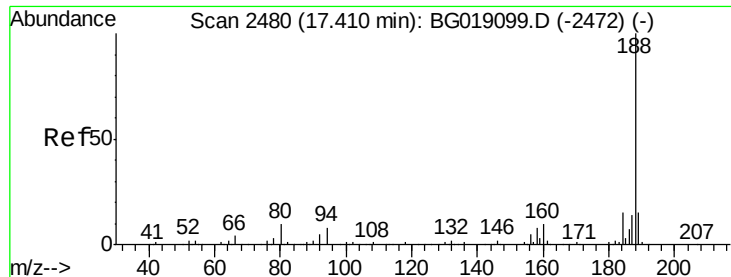
Tot Ion:138 Resp: 357
Ion Ratio Lower Upper
138 100
92 0.0 39.0 79.0#
108 62.7 90.8 130.8#



#62
Azobenzene
Concen: 0.66 ng
RT: 15.99 min Scan# 2239
Delta R.T. -0.00 min
Lab File: BG019168.D
Acq: 12 Oct 2015 21:44

Tgt Ion: 77 Resp: 2831
Ion Ratio Lower Upper
77 100
182 29.0 4.4 44.4
105 18.7 0.0 39.1
51 38.9 15.9 55.9

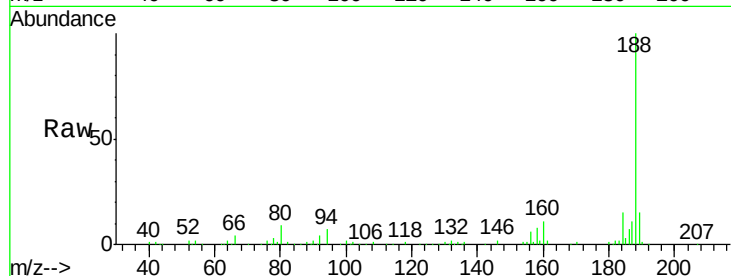




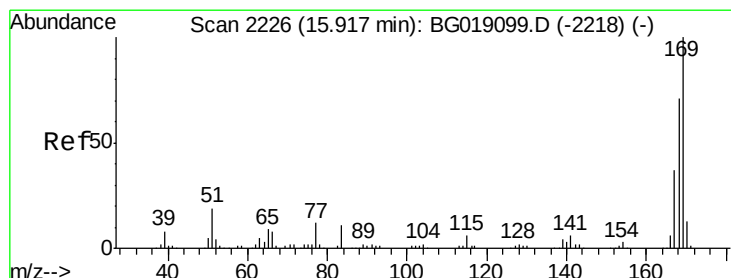
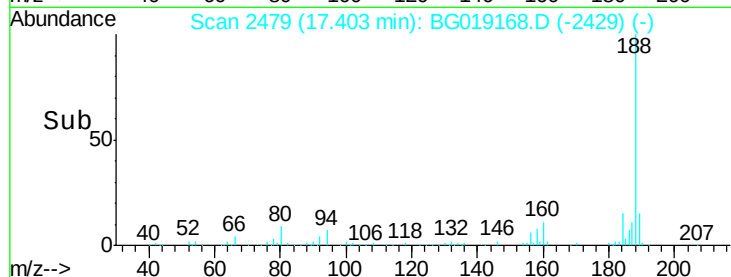
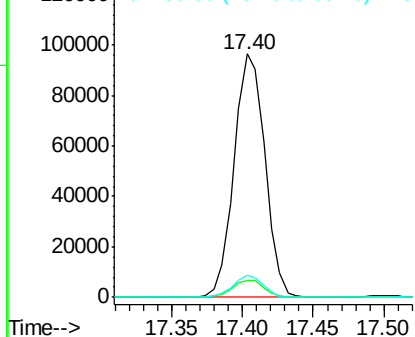
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.40 min Scan# 2479
Delta R.T. -0.01 min
Lab File: BG019168.D
Acq: 12 Oct 2015 21:44

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tot Ion:188 Resp: 147247
Ion Ratio Lower Upper
188 100
94 7.0 6.4 9.6
80 9.3 7.6 11.4

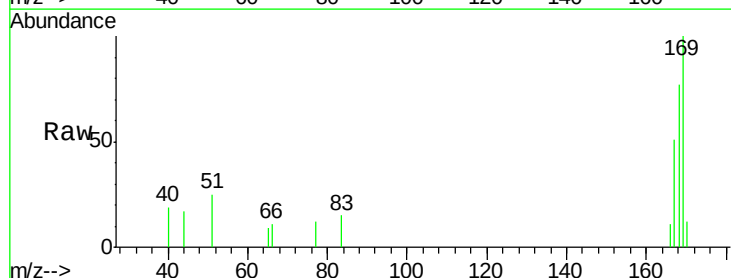


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

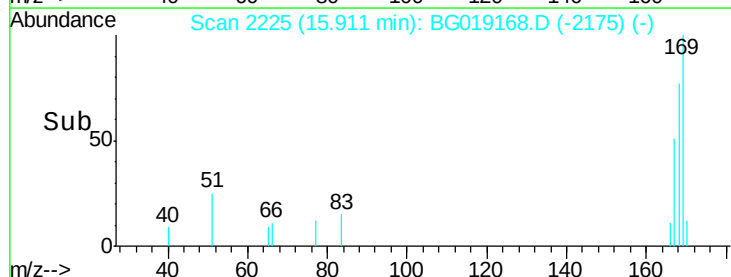
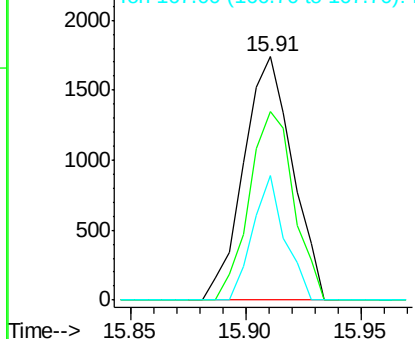


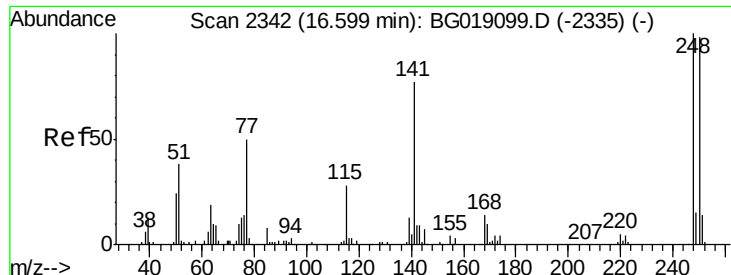
#65
n-Nitrosodiphenylamine
Concen: 0.63 ng
RT: 15.91 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BG019168.D
Acq: 12 Oct 2015 21:44

Tgt Ion:169 Resp: 2557
Ion Ratio Lower Upper
169 100
168 77.4 56.6 84.8
167 51.1 30.0 45.0#



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





#66

4-Bromophenyl-phenylether

Concen: 0.65 ng

RT: 16.59 min Scan# 2340

Delta R.T. -0.01 min

Lab File: BG019168.D

Acq: 12 Oct 2015 21:44

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

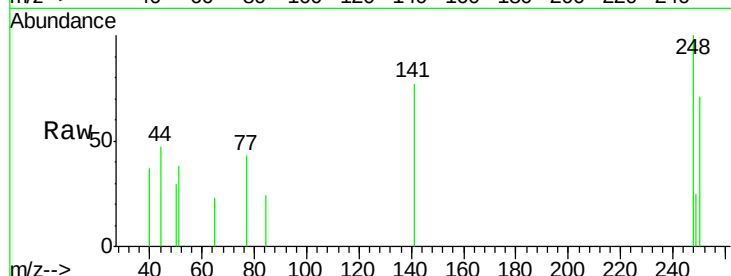
Tot Ion:248 Resp: 975

Ion Ratio Lower Upper

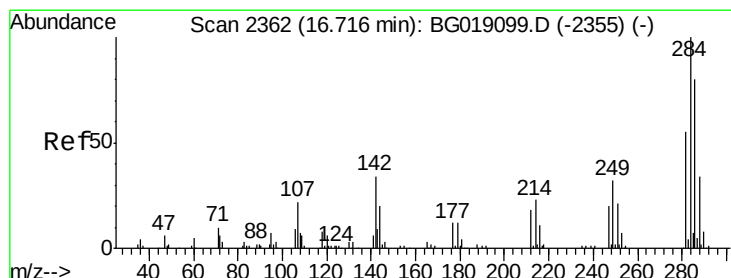
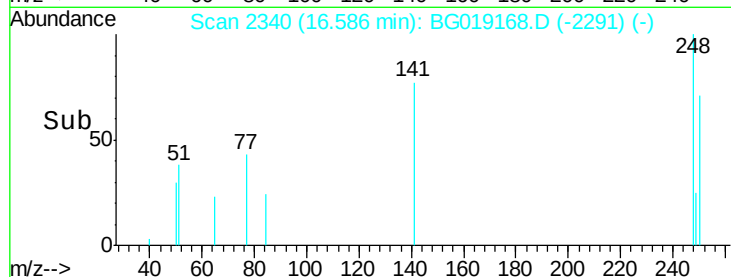
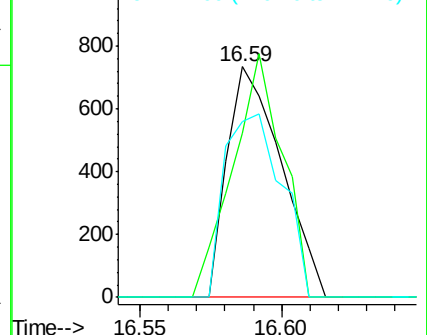
248 100

250 71.2 78.4 117.6#

141 76.5 61.7 92.5



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



#67

Hexachlorobenzene

Concen: 0.65 ng

RT: 16.70 min Scan# 2360

Delta R.T. -0.01 min

Lab File: BG019168.D

Acq: 12 Oct 2015 21:44

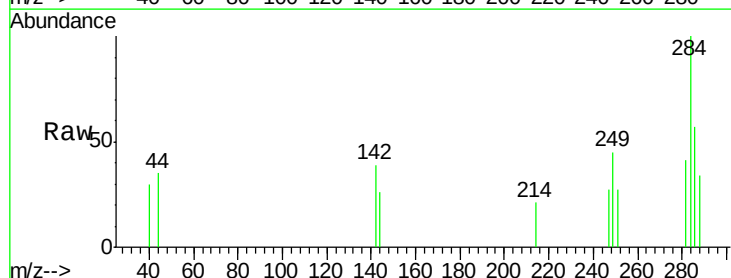
Tgt Ion:284 Resp: 1139

Ion Ratio Lower Upper

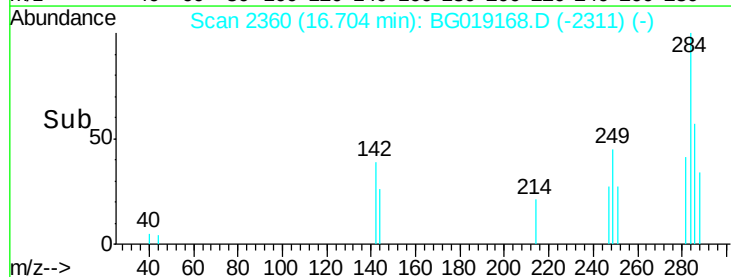
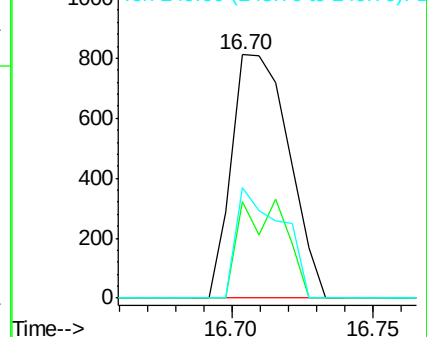
284 100

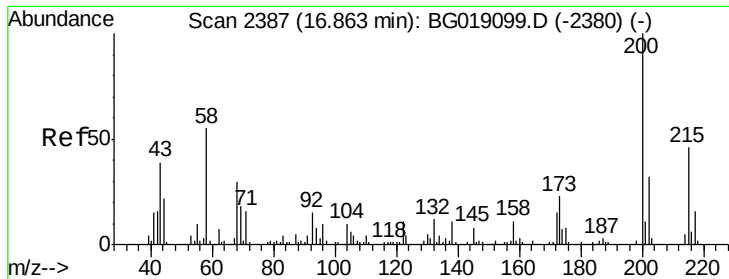
142 39.4 27.0 40.4

249 45.2 25.4 38.2#



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

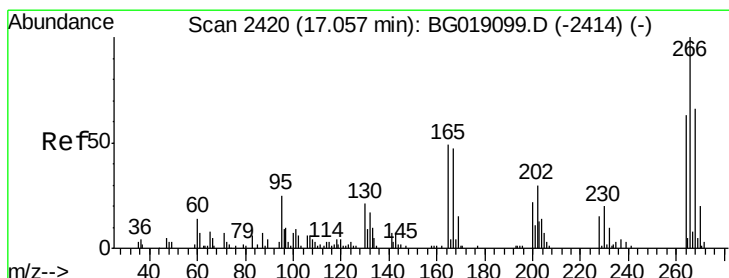
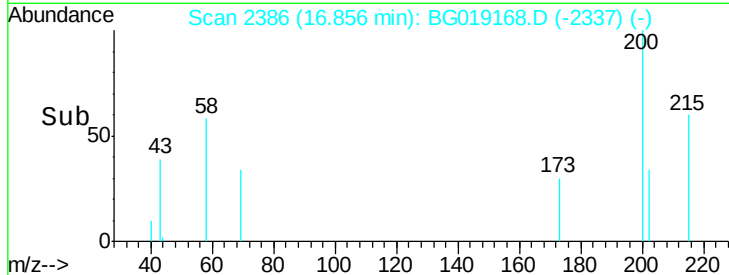
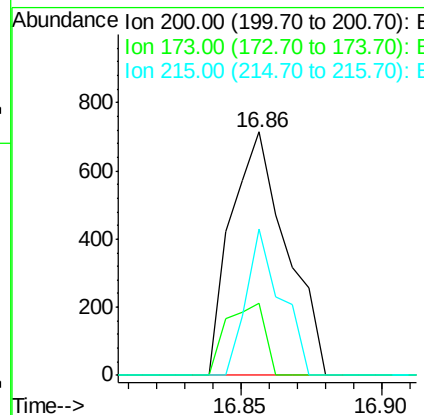
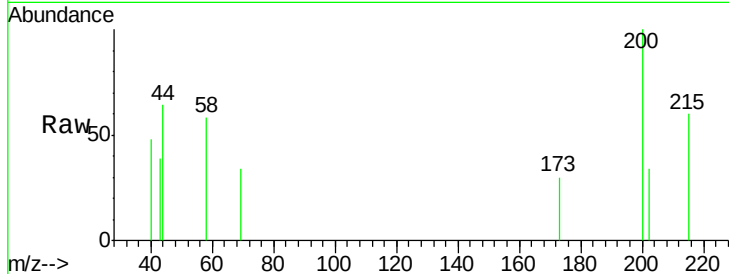




#68
Atrazine
Concen: 0.58 ng
RT: 16.86 min Scan# 2386
Delta R.T. -0.01 min
Lab File: BG019168.D
Acq: 12 Oct 2015 21:44

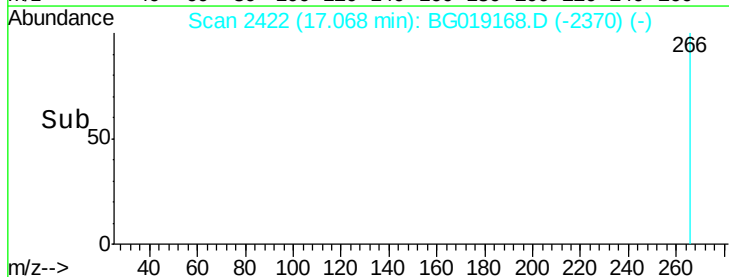
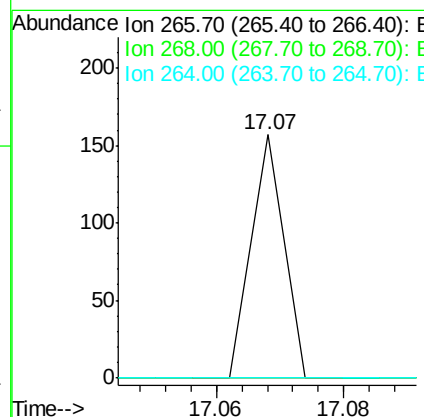
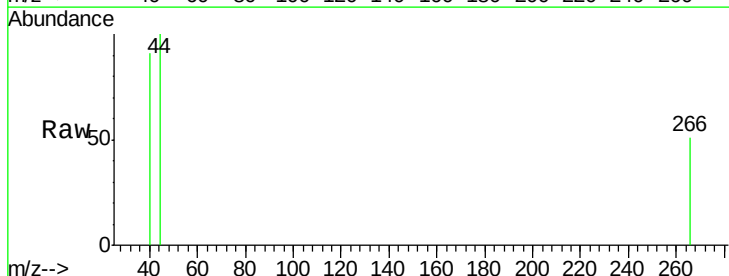
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

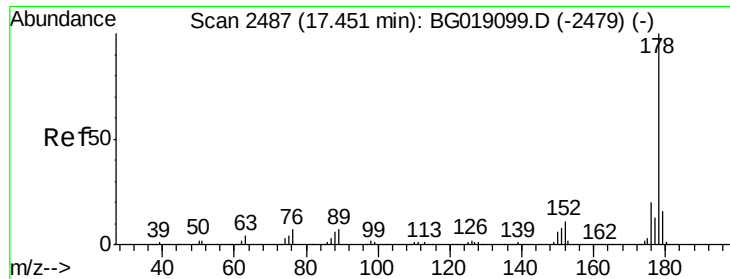
Tot Ion:200 Resp: 970
Ion Ratio Lower Upper
200 100
173 29.7 3.3 43.3
215 59.9 26.4 66.4



#69
Pentachlorophenol
Concen: 0.06 ng
RT: 17.07 min Scan# 2422
Delta R.T. 0.00 min
Lab File: BG019168.D
Acq: 12 Oct 2015 21:44

Tgt Ion:266 Resp: 55
Ion Ratio Lower Upper
266 100
268 0.0 53.0 79.4#
264 0.0 50.1 75.1#





#70

Phenanthrene

Concen: 0.69 ng

RT: 17.45 min Scan# 2487

Delta R.T. -0.00 min

Lab File: BG019168.D

Acq: 12 Oct 2015 21:44

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

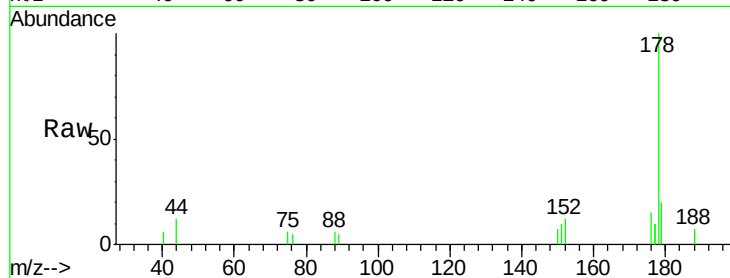
Tot Ion:178 Resp: 5211

Ion Ratio Lower Upper

178 100

176 15.2 16.3 24.5#

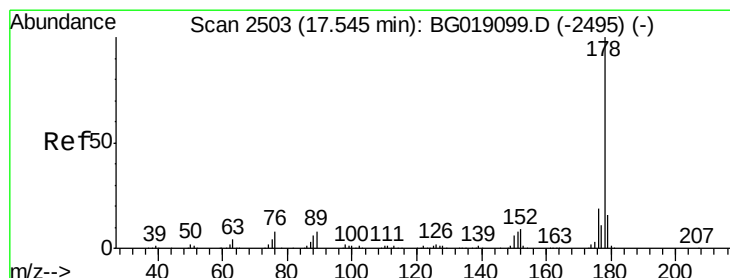
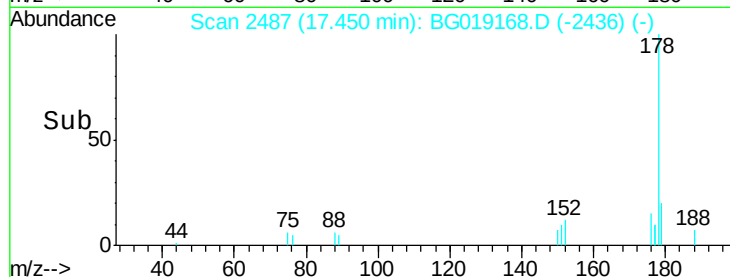
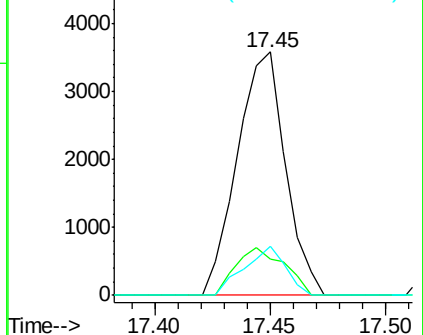
179 20.3 12.8 19.2#



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: 0.68 ng

RT: 17.54 min Scan# 2502

Delta R.T. -0.01 min

Lab File: BG019168.D

Acq: 12 Oct 2015 21:44

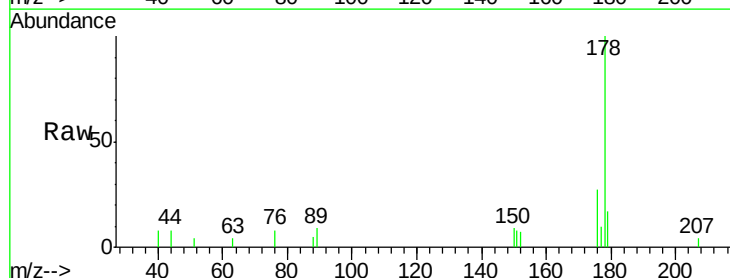
Tgt Ion:178 Resp: 5166

Ion Ratio Lower Upper

178 100

176 27.0 15.5 23.3#

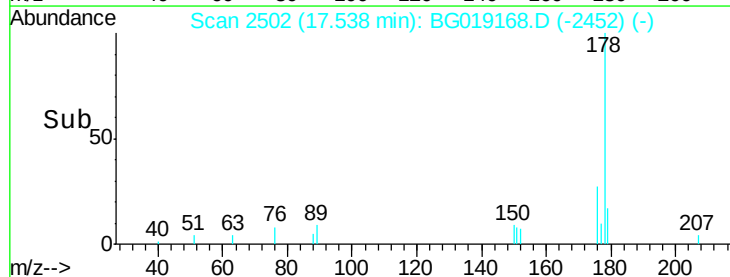
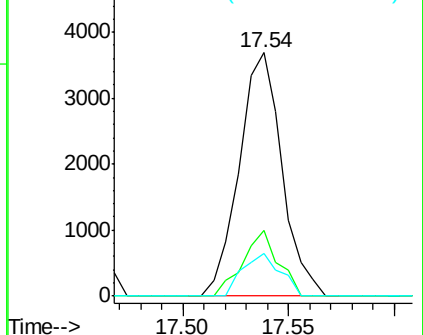
179 17.3 12.9 19.3

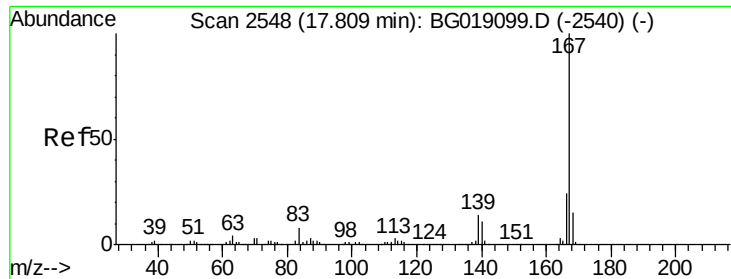


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 0.60 ng

RT: 17.81 min Scan# 2548

Delta R.T. -0.01 min

Lab File: BG019168.D

Acq: 12 Oct 2015 21:44

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

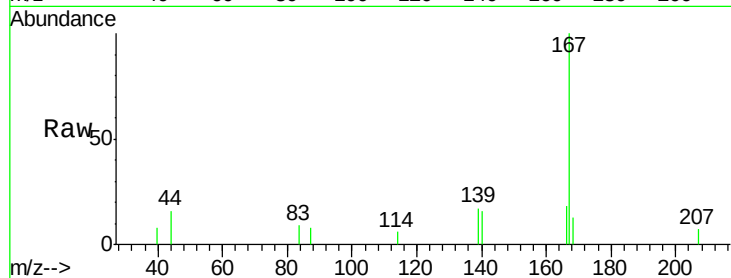
Tot Ion:167 Resp: 4255

Ion Ratio Lower Upper

167 100

166 17.9 19.1 28.7#

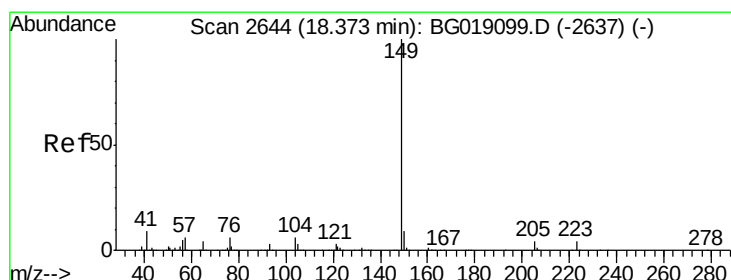
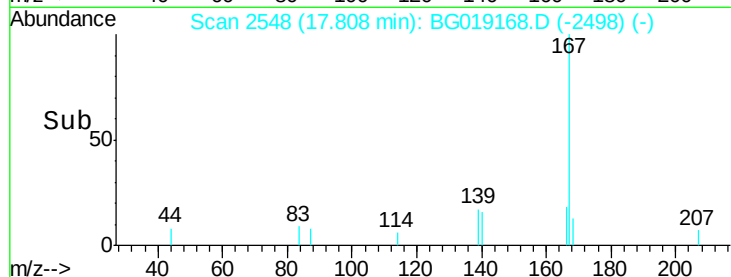
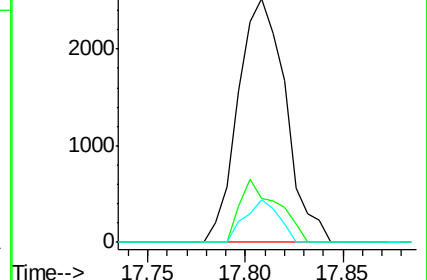
139 17.5 11.2 16.8#



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: 0.64 ng

RT: 18.37 min Scan# 2643

Delta R.T. -0.01 min

Lab File: BG019168.D

Acq: 12 Oct 2015 21:44

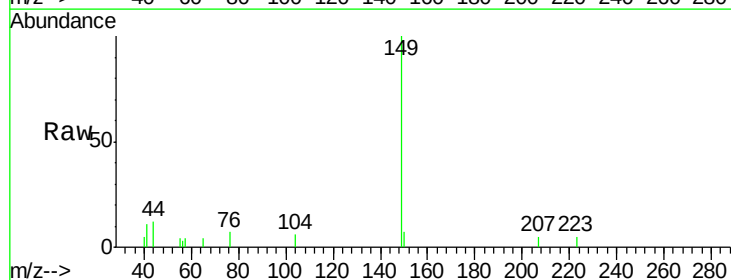
Tgt Ion:149 Resp: 5531

Ion Ratio Lower Upper

149 100

150 6.9 7.5 11.3#

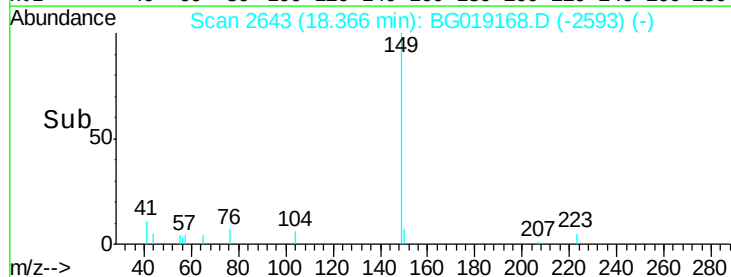
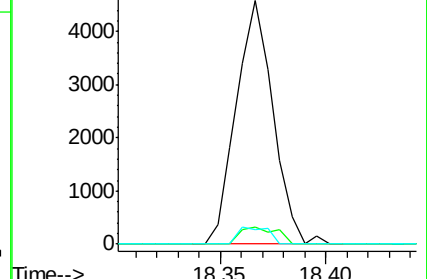
104 6.0 5.0 7.6

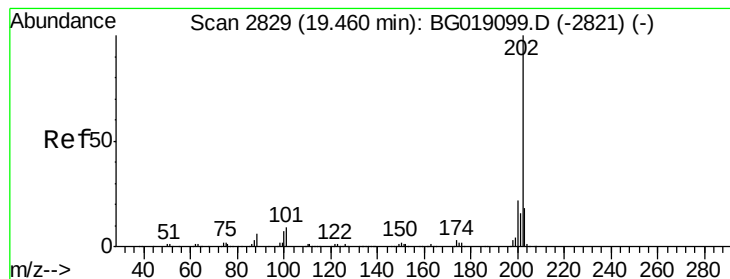


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 0.62 ng

RT: 19.45 min Scan# 2828

Delta R.T. -0.01 min

Lab File: BG019168.D

Acq: 12 Oct 2015 21:44

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

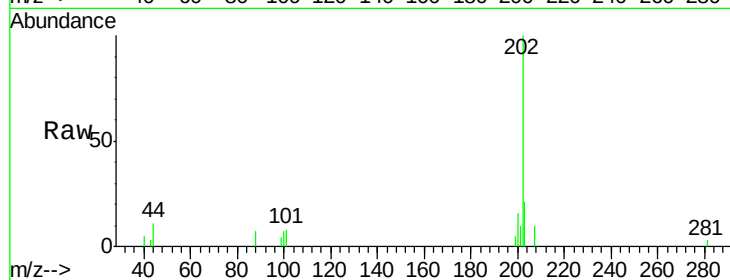
Tot Ion:202 Resp: 6006

Ion Ratio Lower Upper

202 100

101 7.8 0.0 28.9

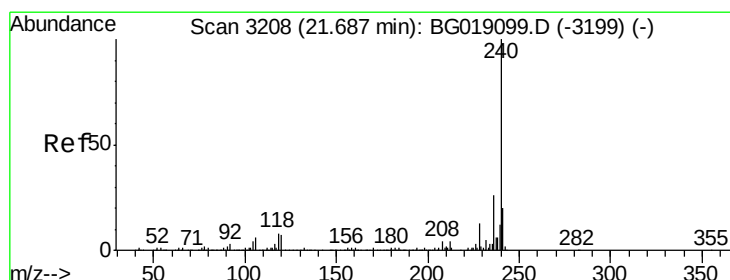
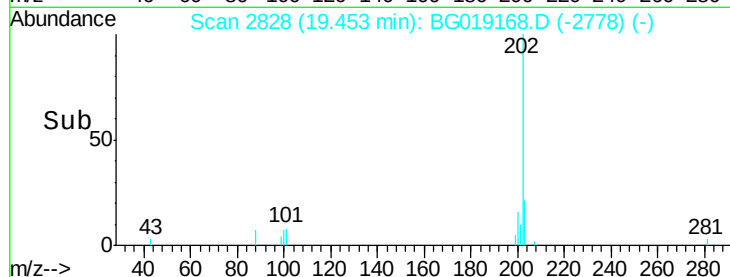
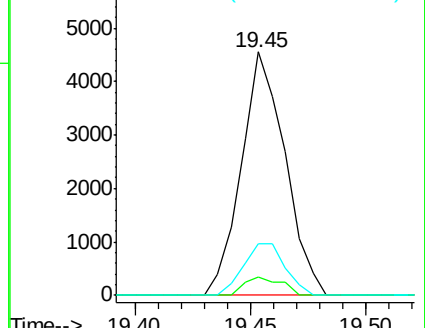
203 21.3 0.0 38.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.67 min Scan# 3206

Delta R.T. -0.01 min

Lab File: BG019168.D

Acq: 12 Oct 2015 21:44

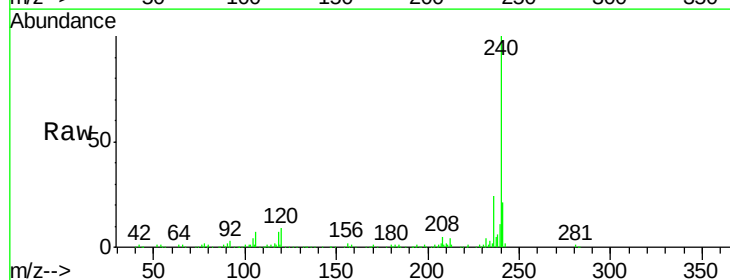
Tgt Ion:240 Resp: 172721

Ion Ratio Lower Upper

240 100

120 8.5 5.8 8.6

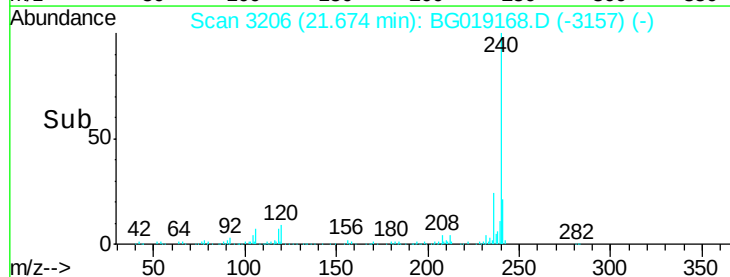
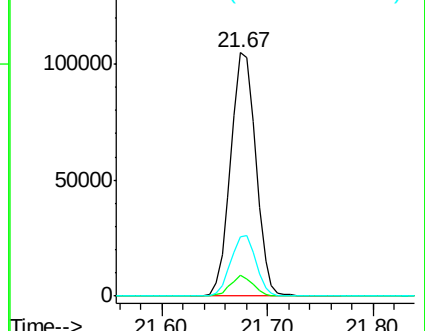
236 24.4 21.2 31.8

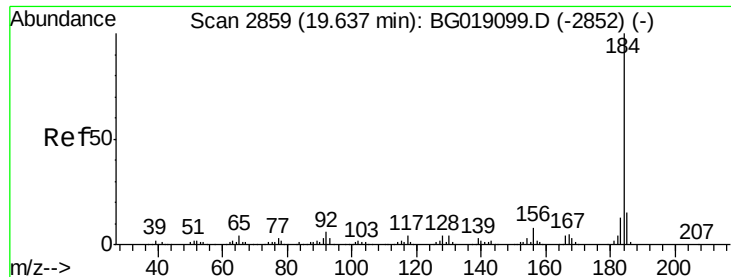


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 0.12 ng

RT: 19.65 min Scan# 2861

Delta R.T. 0.01 min

Lab File: BG019168.D

Acq: 12 Oct 2015 21:44

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

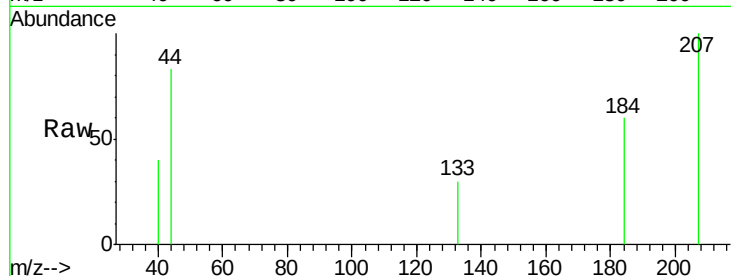
Tot Ion:184 Resp: 526

Ion Ratio Lower Upper

184 100

185 0.0 11.9 17.9#

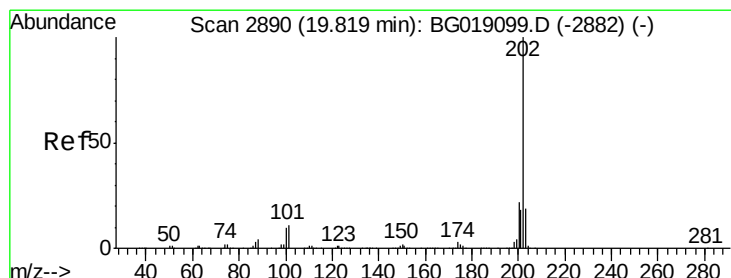
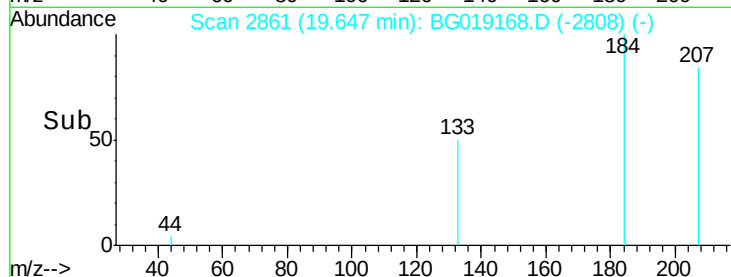
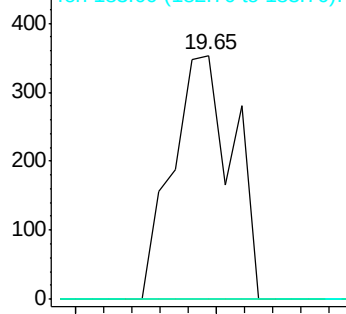
183 0.0 10.1 15.1#



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: 0.70 ng

RT: 19.82 min Scan# 2890

Delta R.T. -0.01 min

Lab File: BG019168.D

Acq: 12 Oct 2015 21:44

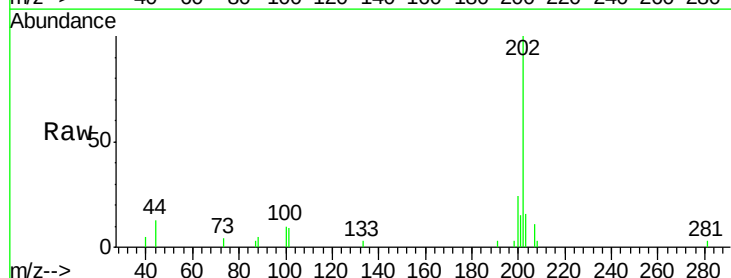
Tgt Ion:202 Resp: 6745

Ion Ratio Lower Upper

202 100

200 23.6 17.4 26.2

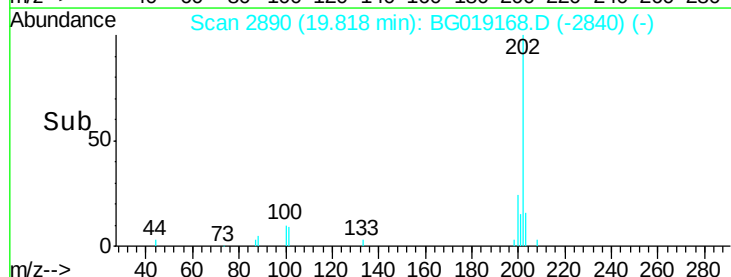
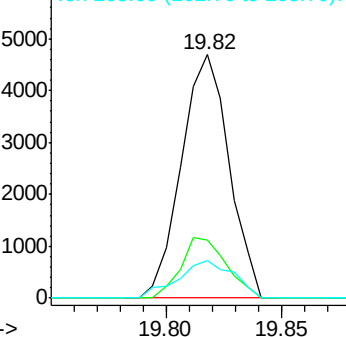
203 15.6 14.8 22.2

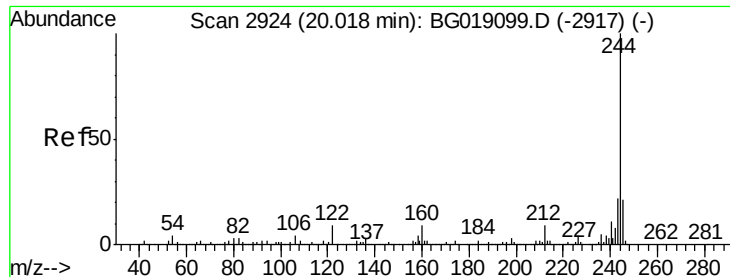


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 74.20 ng

RT: 20.02 min Scan# 2924

Delta R.T. -0.01 min

Lab File: BG019168.D

Acq: 12 Oct 2015 21:44

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

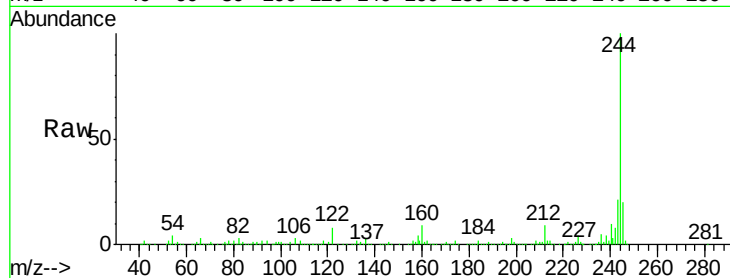
Tot Ion:244 Resp: 485190

Ion Ratio Lower Upper

244 100

212 8.9 6.8 10.2

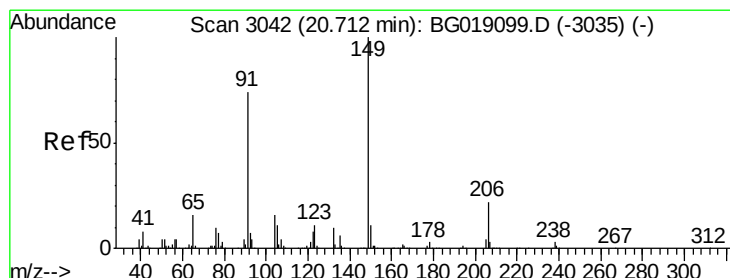
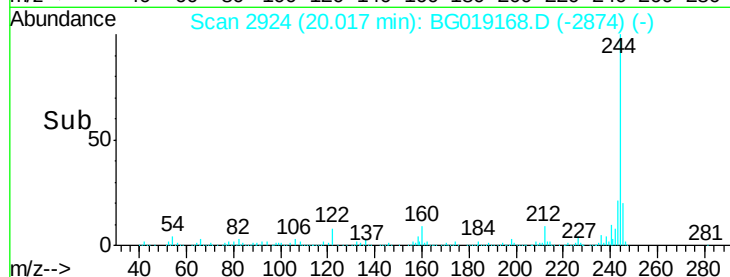
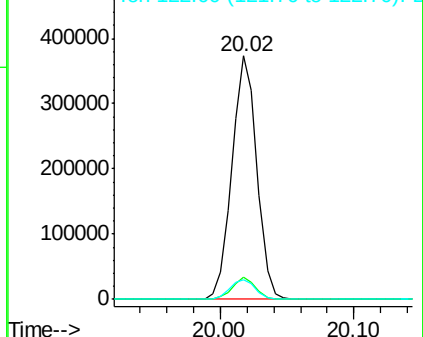
122 8.1 7.4 11.2



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: 0.58 ng

RT: 20.70 min Scan# 3041

Delta R.T. -0.01 min

Lab File: BG019168.D

Acq: 12 Oct 2015 21:44

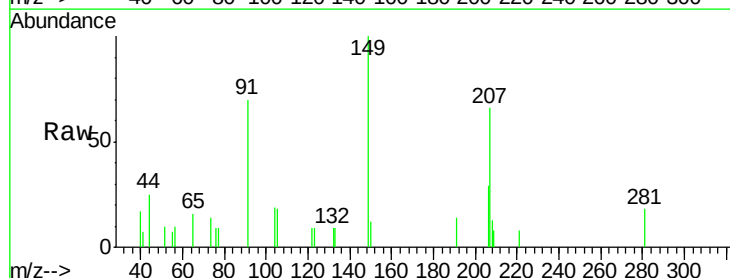
Tgt Ion:149 Resp: 2269

Ion Ratio Lower Upper

149 100

91 69.8 59.2 88.8

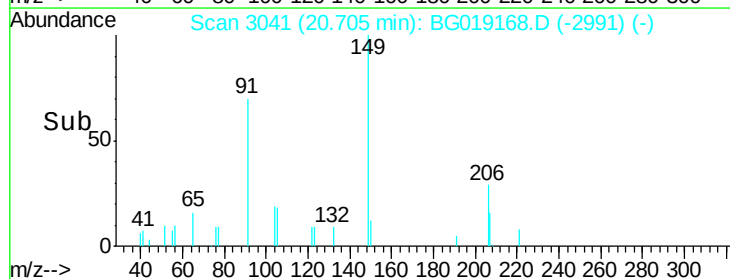
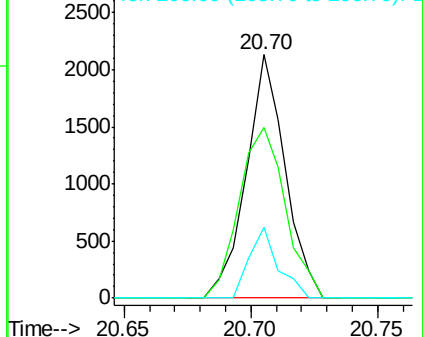
206 28.8 17.5 26.3#

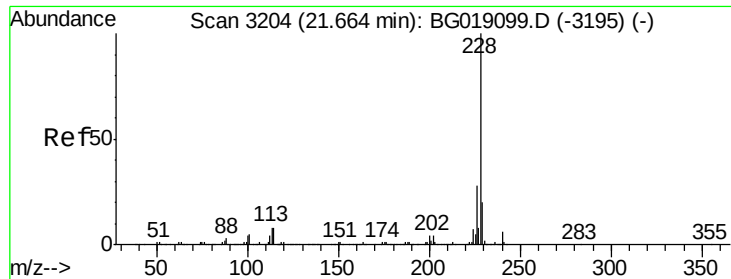


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

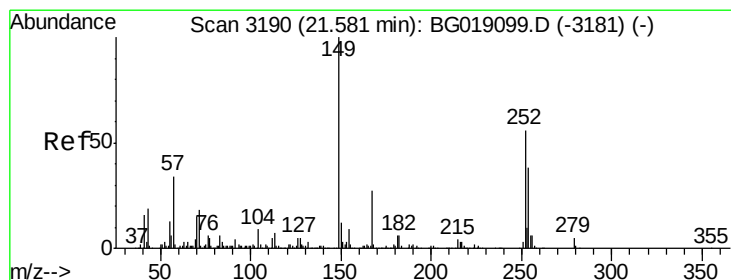
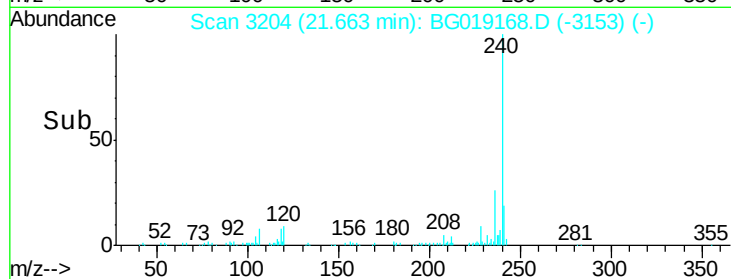
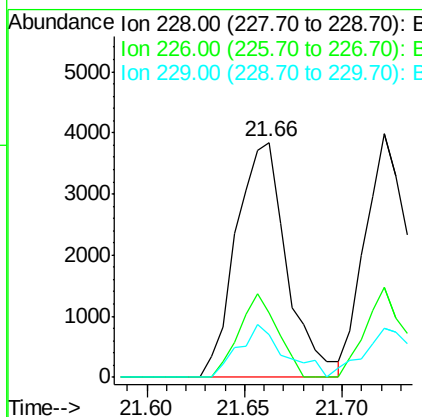
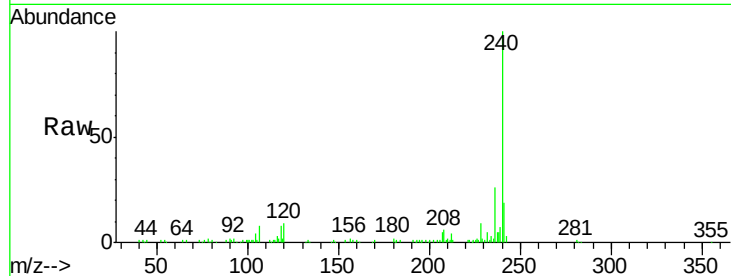




#80
Benzo(a)anthracene
Concen: 0.75 ng
RT: 21.66 min Scan# 3204
Delta R.T. -0.00 min
Lab File: BG019168.D
Acq: 12 Oct 2015 21:44

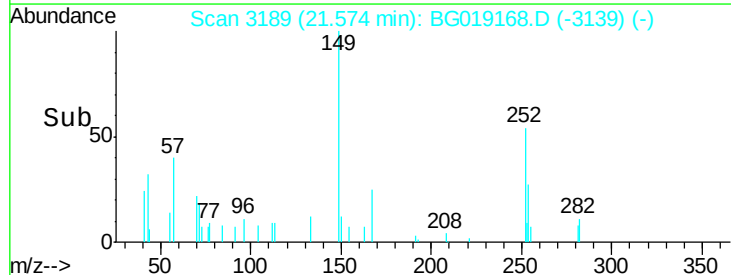
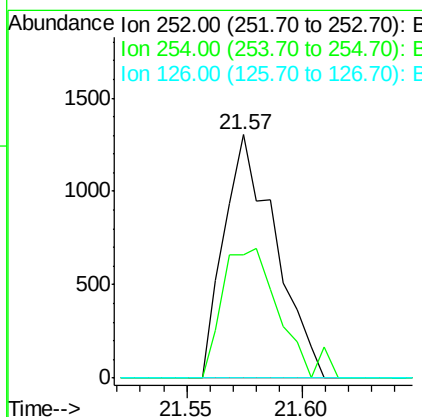
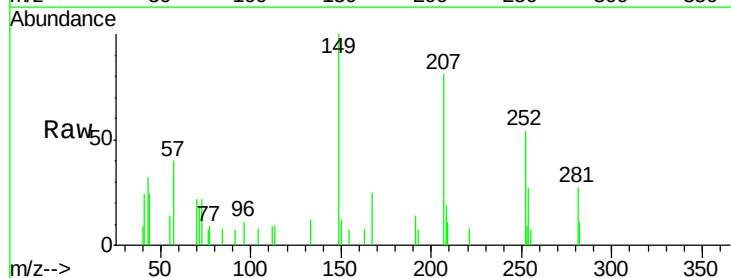
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

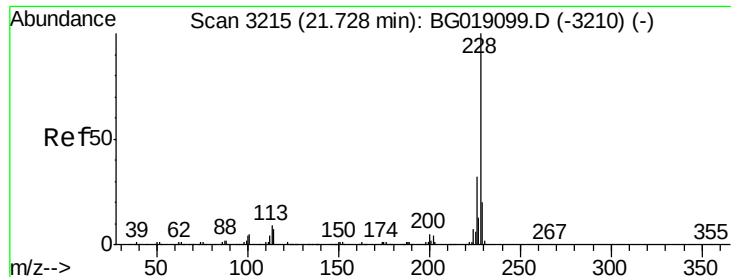
Tot Ion:228 Resp: 6910
Ion Ratio Lower Upper
228 100
226 27.3 22.4 33.6
229 18.2 16.2 24.2



#81
3,3'-Dichlorobenzidine
Concen: 0.59 ng
RT: 21.57 min Scan# 3189
Delta R.T. -0.01 min
Lab File: BG019168.D
Acq: 12 Oct 2015 21:44

Tgt Ion:252 Resp: 2013
Ion Ratio Lower Upper
252 100
254 50.8 53.9 80.9#
126 0.0 7.0 10.6#

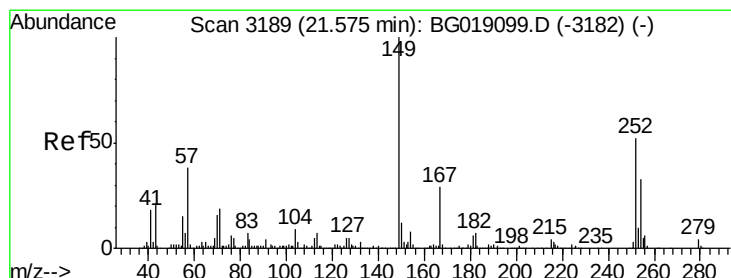
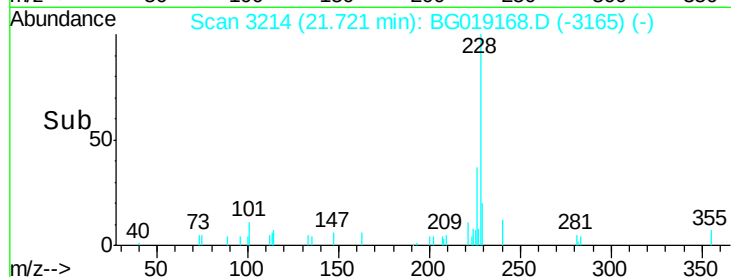
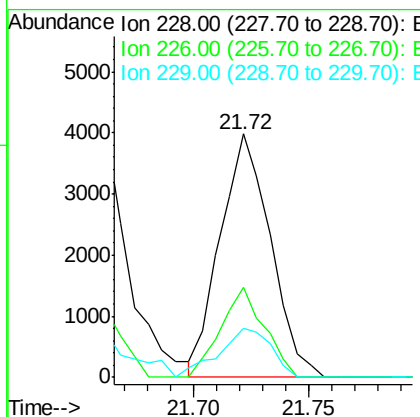
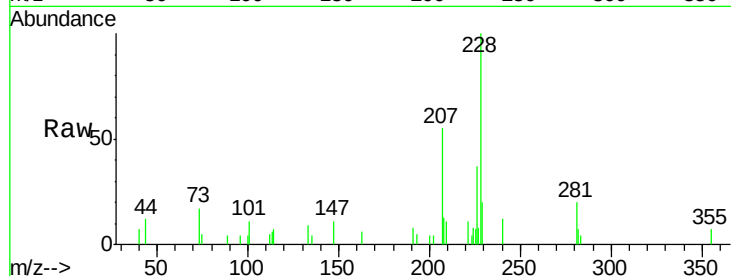




#82
Chrysene
Concen: 0.69 ng
RT: 21.72 min Scan# 3214
Delta R.T. -0.01 min
Lab File: BG019168.D
Acq: 12 Oct 2015 21:44

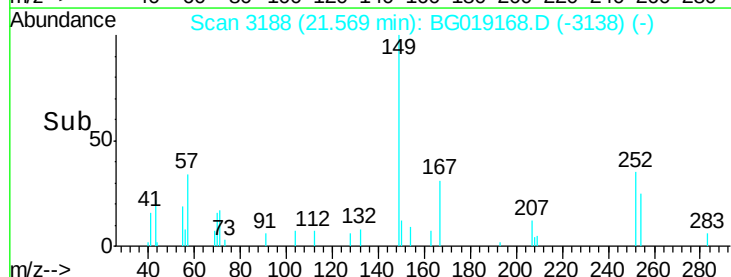
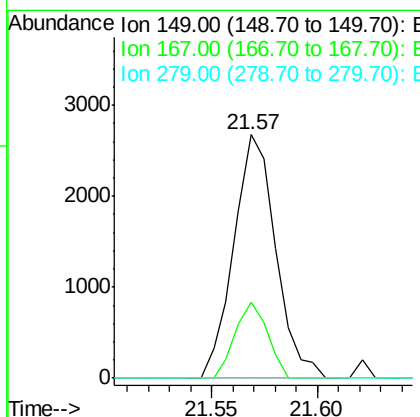
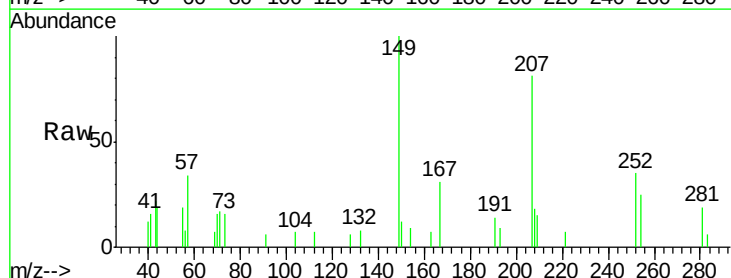
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

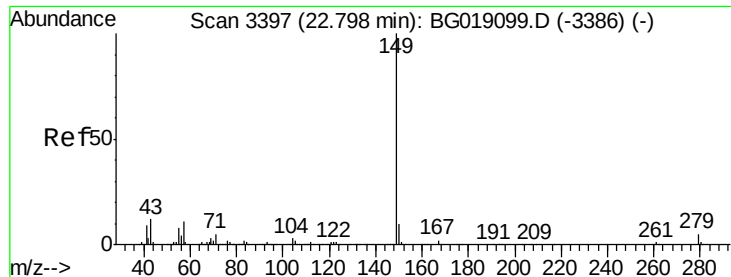
Tot Ion:228 Resp: 6023
Ion Ratio Lower Upper
228 100
226 37.0 25.2 37.8
229 20.2 16.3 24.5



#83
Bis(2-ethylhexyl)phthalate
Concen: 0.67 ng
RT: 21.57 min Scan# 3188
Delta R.T. -0.01 min
Lab File: BG019168.D
Acq: 12 Oct 2015 21:44

Tgt Ion:149 Resp: 3683
Ion Ratio Lower Upper
149 100
167 31.3 22.8 34.2
279 0.0 3.6 5.4#

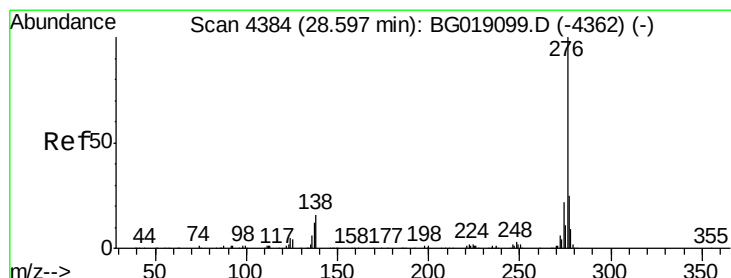
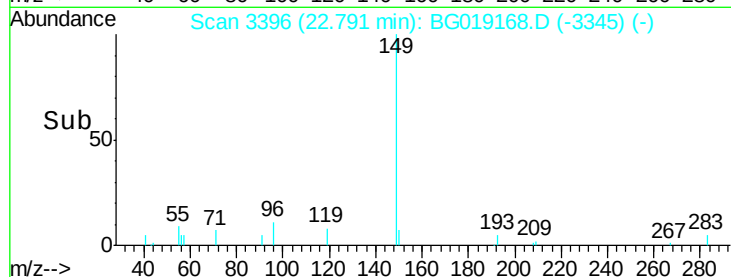
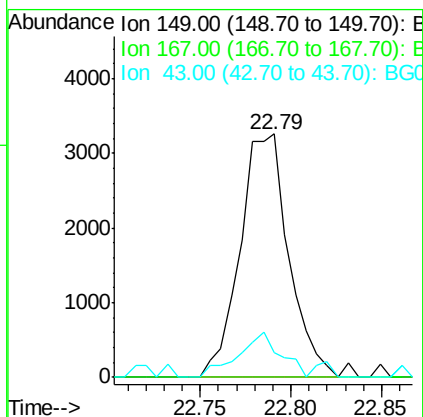
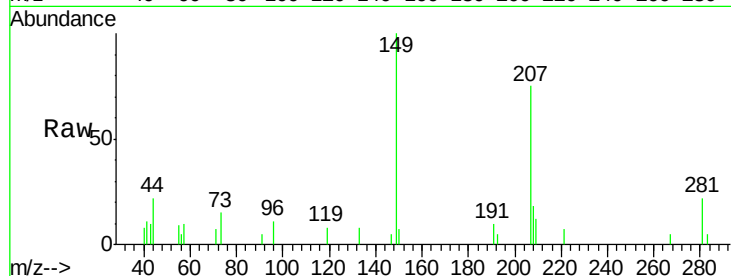




#84
Di-n-octyl phthalate
Concen: 0.64 ng
RT: 22.79 min Scan# 3396
Delta R.T. -0.00 min
Lab File: BG019168.D
Acq: 12 Oct 2015 21:44

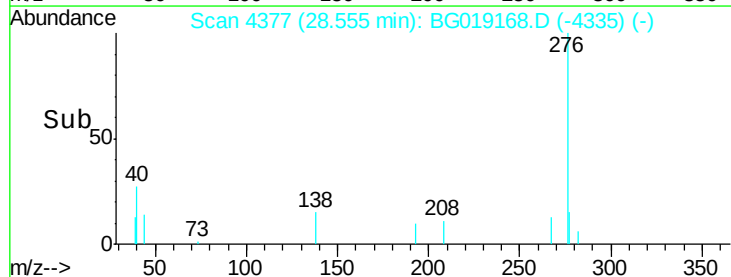
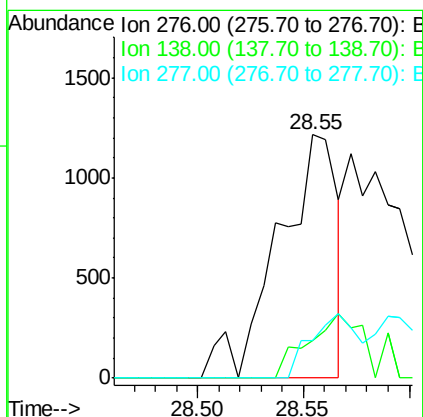
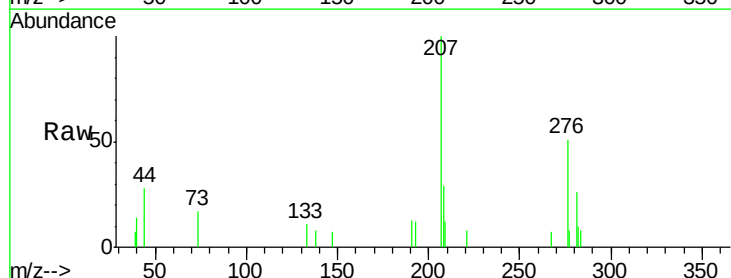
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

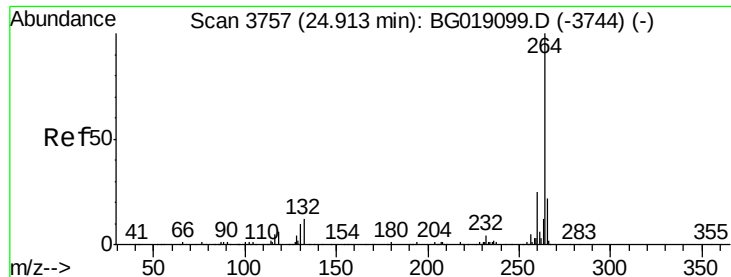
Tot Ion:149 Resp: 6081
Ion Ratio Lower Upper
149 100
167 0.0 1.3 1.9#
43 16.0 10.1 15.1#



#85
Indeno(1,2,3-cd)pyrene
Concen: 0.22 ng
RT: 28.55 min Scan# 4377
Delta R.T. -0.05 min
Lab File: BG019168.D
Acq: 12 Oct 2015 21:44

Tgt Ion:276 Resp: 2370
Ion Ratio Lower Upper
276 100
138 26.8 10.2 15.4#
277 20.7 20.2 30.4

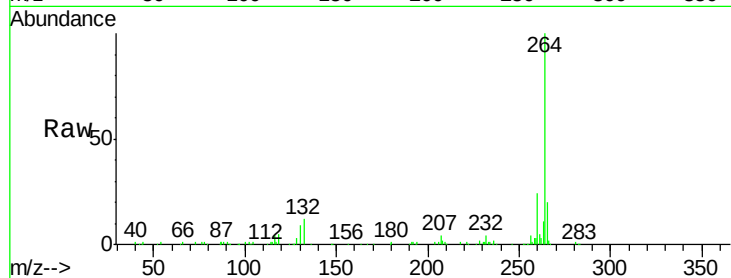




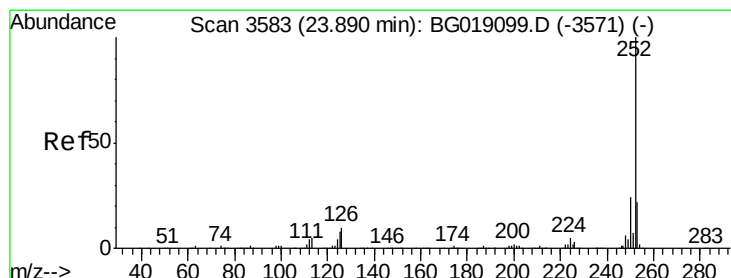
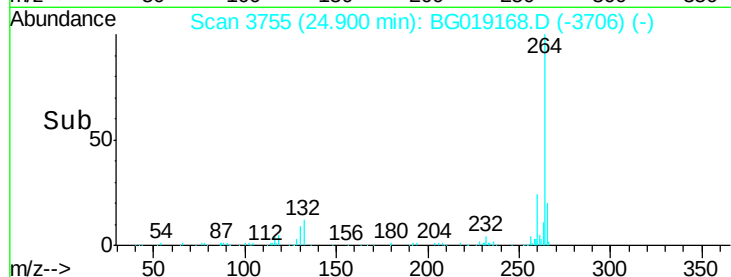
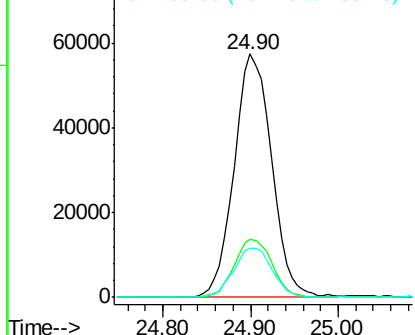
#86
Pervlene-d12
Concen: 20.00 ng
RT: 24.90 min Scan# 3755
Delta R.T. -0.01 min
Lab File: BG019168.D
Acq: 12 Oct 2015 21:44

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tot Ion:264 Resp: 167355
Ion Ratio Lower Upper
264 100
260 23.6 20.1 30.1
265 20.4 17.2 25.8

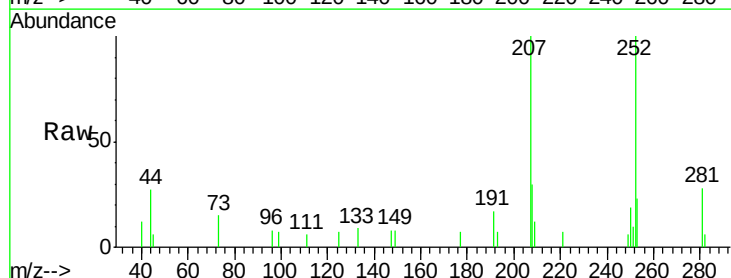


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

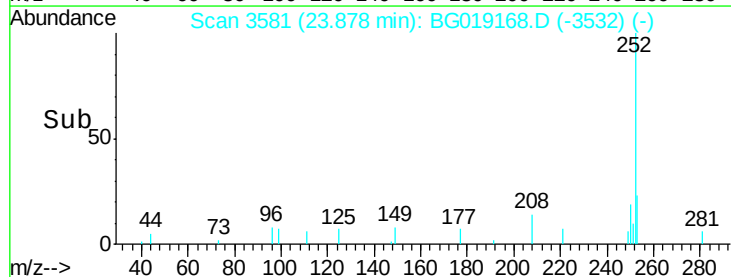
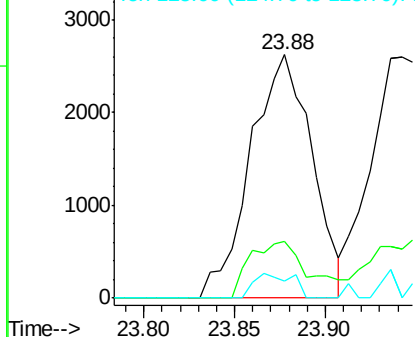


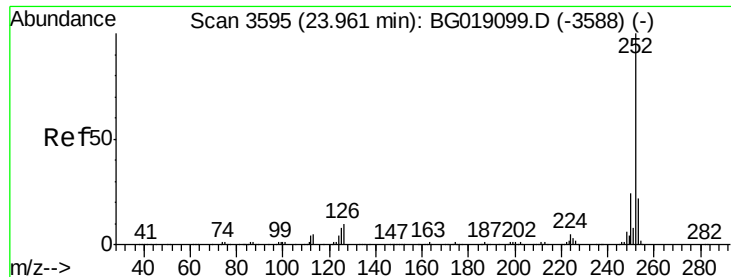
#87
Benzo(b)fluoranthene
Concen: 0.69 ng
RT: 23.88 min Scan# 3581
Delta R.T. -0.01 min
Lab File: BG019168.D
Acq: 12 Oct 2015 21:44

Tgt Ion:252 Resp: 6205
Ion Ratio Lower Upper
252 100
253 23.5 17.5 26.3
125 7.0 6.6 9.8



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

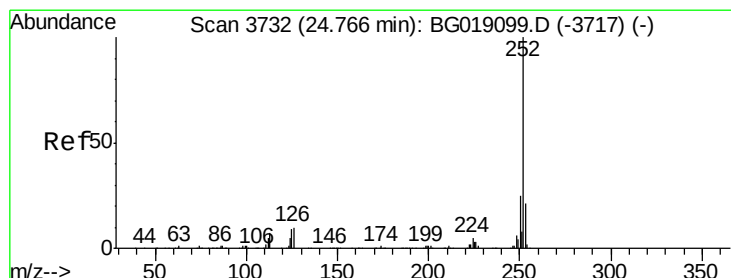
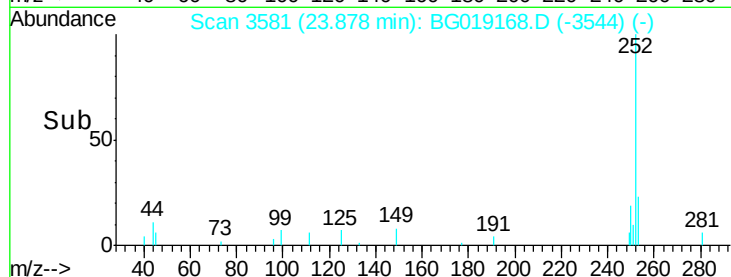
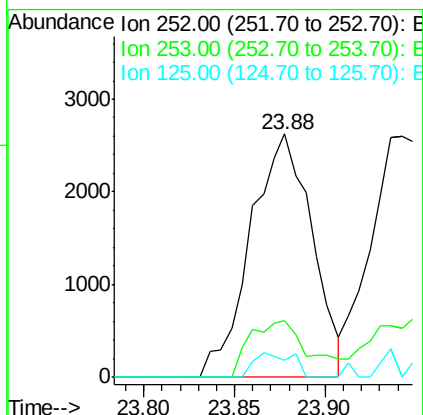
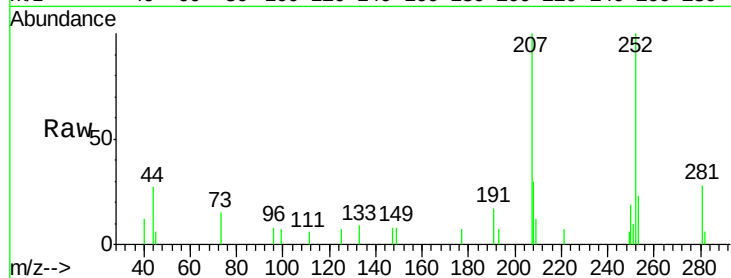




#88
Benzo(k)fluoranthene
Concen: 0.70 ng
RT: 23.88 min Scan# 3581
Delta R.T. -0.08 min
Lab File: BG019168.D
Acq: 12 Oct 2015 21:44

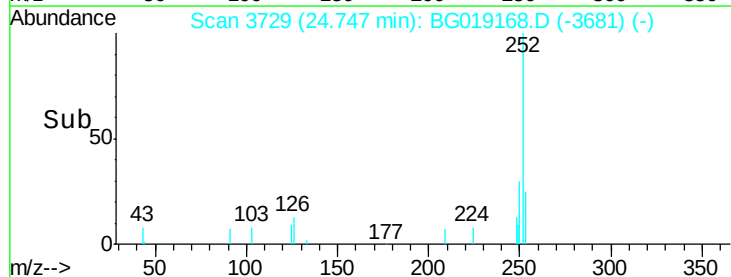
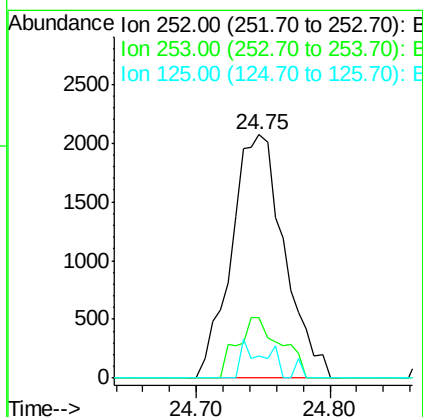
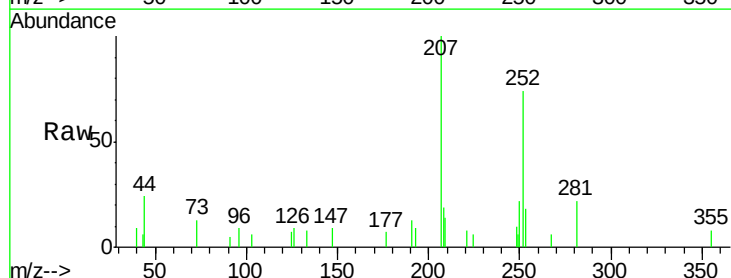
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

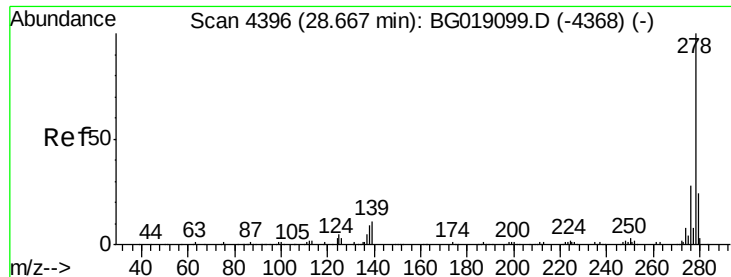
Tot Ion:252 Resp: 6205
Ion Ratio Lower Upper
252 100
253 23.5 17.0 25.4
125 7.0 6.4 9.6



#89
Benzo(a)pyrene
Concen: 0.67 ng
RT: 24.75 min Scan# 3729
Delta R.T. -0.02 min
Lab File: BG019168.D
Acq: 12 Oct 2015 21:44

Tgt Ion:252 Resp: 5666
Ion Ratio Lower Upper
252 100
253 24.9 17.0 25.4
125 9.4 7.2 10.8





#90

Dibenzo(a,h)anthracene

Concen: 0.56 ng

RT: 28.65 min Scan# 4393

Delta R.T. -0.02 min

Lab File: BG019168.D

Acq: 12 Oct 2015 21:44

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

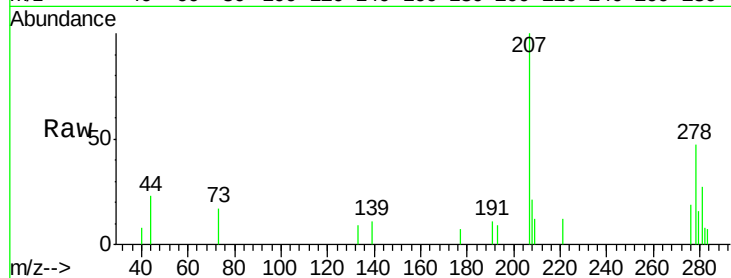
Tot Ion:278 Resp: 5091

Ion Ratio Lower Upper

278 100

139 22.9 8.6 12.8#

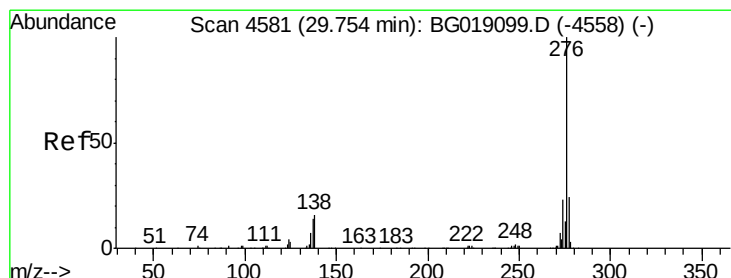
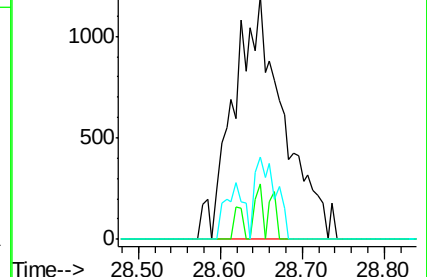
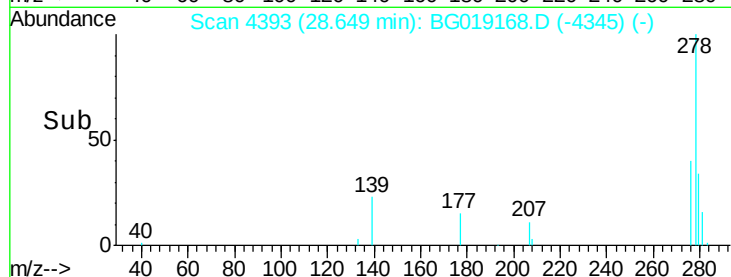
279 33.6 19.5 29.3#



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: 0.55 ng

RT: 29.73 min Scan# 4577

Delta R.T. -0.04 min

Lab File: BG019168.D

Acq: 12 Oct 2015 21:44

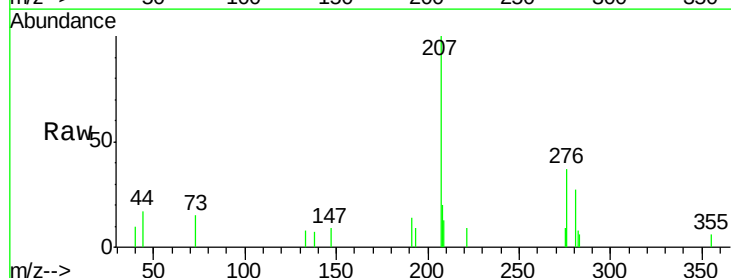
Tgt Ion:276 Resp: 4643

Ion Ratio Lower Upper

276 100

277 0.0 19.5 29.3#

138 18.2 13.0 19.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

