

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101315\
 Data File : BG019172.D
 Acq On : 13 Oct 2015 00:16
 Operator : UM/NP
 Sample : G3707-04
 Misc : LOO 20PPM
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL2015-02

Quant Time: Oct 13 03:54:59 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	17469	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	79606	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	58184	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	150970	20.00	ng	0.00
75) Chrysene-d12	21.68	240	177509	20.00	ng	0.00
86) Perylene-d12	24.91	264	172601	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	102003	118.89	ng	0.00
7) Phenol-d6	7.20	99	159248	120.82	ng	0.00
23) Nitrobenzene-d5	9.19	82	110508	76.70	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	92557	116.74	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	272543	72.02	ng	0.00
78) Terphenyl-d14	20.02	244	490824	73.04	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	4137	11.47	ng	# 86
3) Pyridine	3.91	79	11290	10.23	ng	91
4) n-Nitrosodimethylamine	3.81	42	8562	13.69	ng	88
6) Aniline	7.36	93	16799	9.41	ng	# 94
8) 2-Chlorophenol	7.60	128	16211	15.06	ng	100
9) Benzaldehyde	7.17	77	13959	16.81	ng	98
10) Phenol	7.23	94	21845	15.92	ng	98
11) bis(2-Chloroethyl)ether	7.45	93	14435	13.92	ng	98
12) 1,3-Dichlorobenzene	7.92	146	15968	13.59	ng	99
13) 1,4-Dichlorobenzene	8.07	146	16981	14.12	ng	99
14) 1,2-Dichlorobenzene	8.39	146	16515	14.19	ng	96
15) Benzyl Alcohol	8.27	79	17337	14.72	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.57	45	33420	15.05	ng	98
17) 2-Methylphenol	8.47	107	15236	15.54	ng	99
18) Hexachloroethane	9.12	117	6027	13.15	ng	97
19) n-Nitroso-di-n-propylamine	8.83	70	13712	13.11	ng	# 91
20) 3+4-Methylphenols	8.80	107	21058	14.92	ng	95
22) Acetophenone	8.85	105	25925	13.93	ng	# 96
24) Nitrobenzene	9.23	77	22300	14.59	ng	95
25) Isophorone	9.75	82	38011	12.97	ng	98
26) 2-Nitrophenol	9.95	139	8870	13.61	ng	91
27) 2,4-Dimethylphenol	10.01	122	15348	13.48	ng	87
28) bis(2-Chloroethoxy)methane	10.24	93	21486	13.74	ng	96
29) 2,4-Dichlorophenol	10.48	162	18553	15.54	ng	96
30) 1,2,4-Trichlorobenzene	10.70	180	18387	14.35	ng	93
31) Naphthalene	10.89	128	54610	14.25	ng	99
32) Benzoic acid	10.10	122	6198	15.13	ng	89
33) 4-Chloroaniline	10.99	127	16376	9.20	ng	97
34) Hexachlorobutadiene	11.17	225	13290	15.12	ng	97
35) Caprolactam	11.75	113	5872	13.35	ng	93
36) 4-Chloro-3-methylphenol	12.12	107	23958	15.79	ng	98
37) 2-Methylnaphthalene	12.49	142	44529	14.96	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	24043	14.38	ng	95
40) Hexachlorocyclopentadiene	12.84	237	11813	13.58	ng	98

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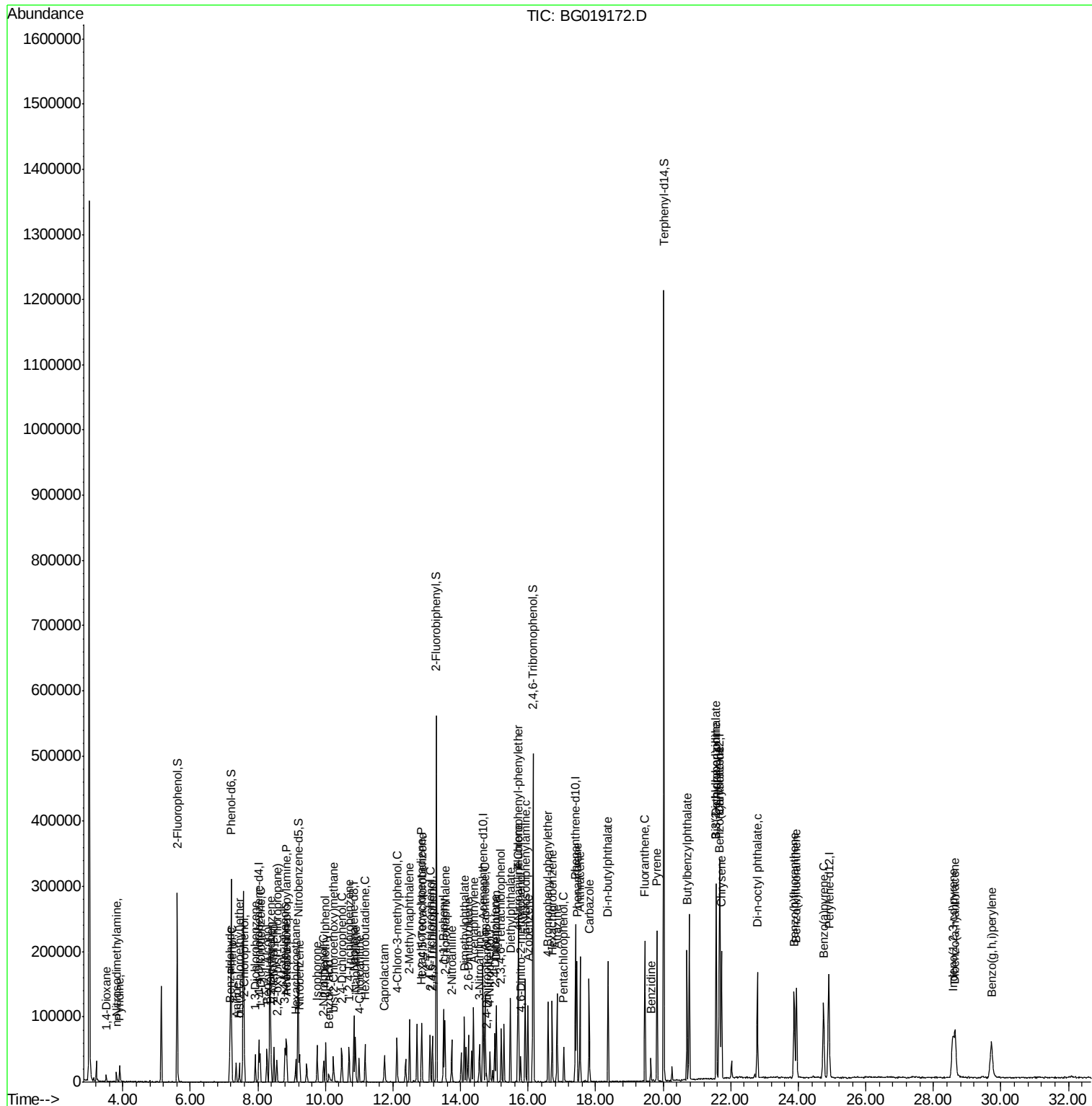
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	16556	14.22	ng	97
43) 2,4,5-Trichlorophenol	13.17	196	18592	15.03	ng	90
45) 1,1'-Biphenyl	13.50	154	57732	13.66	ng	96
46) 2-Chloronaphthalene	13.54	162	46514	14.31	ng	99
47) 2-Nitroaniline	13.74	65	18891	14.47	ng	94
48) Acenaphthylene	14.38	152	80255	14.00	ng	98
49) Dimethylphthalate	14.11	163	63495	13.82	ng	99
50) 2,6-Dinitrotoluene	14.23	165	13909	14.17	ng	99
51) Acenaphthene	14.72	154	48078	13.94	ng	98
52) 3-Nitroaniline	14.56	138	12061	11.13	ng	# 92
53) 2,4-Dinitrophenol	14.77	184	3173	9.48	ng	88
54) Dibenzofuran	15.06	168	77198	15.15	ng	96
55) 4-Nitrophenol	14.87	139	10551	12.87	ng	# 89
56) 2,4-Dinitrotoluene	15.02	165	20430	14.31	ng	# 95
57) Fluorene	15.70	166	65722	14.87	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.21	232	16837	14.38	ng	95
59) Diethylphthalate	15.48	149	68621	14.38	ng	99
60) 4-Chlorophenyl-phenylether	15.70	204	33395	14.83	ng	96
61) 4-Nitroaniline	15.72	138	15950	13.55	ng	95
62) Azobenzene	15.99	77	67468	15.24	ng	96
64) 4,6-Dinitro-2-methylphenol	15.78	198	8382	10.17	ng	91
65) n-Nitrosodiphenylamine	15.91	169	58568	14.04	ng	97
66) 4-Bromophenyl-phenylether	16.59	248	22887	14.92	ng	94
67) Hexachlorobenzene	16.72	284	26413	14.66	ng	91
68) Atrazine	16.86	200	24922	14.50	ng	93
69) Pentachlorophenol	17.06	266	11008	11.72	ng	93
70) Phenanthrene	17.45	178	111746	14.38	ng	98
71) Anthracene	17.54	178	114572	14.74	ng	100
72) Carbazole	17.81	167	101263	13.92	ng	95
73) Di-n-butylphthalate	18.37	149	126095	14.15	ng	99
74) Fluoranthene	19.46	202	139120	13.92	ng	99
76) Benzidine	19.64	184	20875	4.58	ng	97
77) Pyrene	19.82	202	142140	14.30	ng	99
79) Butylbenzylphthalate	20.70	149	52101	12.86	ng	97
80) Benzo(a)anthracene	21.66	228	133949	14.08	ng	97
81) 3,3'-Dichlorobenzidine	21.57	252	37277	10.59	ng	97
82) Chrysene	21.72	228	122979	13.62	ng	97
83) Bis(2-ethylhexyl)phthalate	21.57	149	75113	13.35	ng	97
84) Di-n-octyl phthalate	22.78	149	129451	13.32	ng	99
85) Indeno(1,2,3-cd)pyrene	28.58	276	146019	13.29	ng	# 95
87) Benzo(b)fluoranthene	23.88	252	136254	14.68	ng	98
88) Benzo(k)fluoranthene	23.94	252	131161	14.32	ng	99
89) Benzo(a)pyrene	24.75	252	129953	14.82	ng	97
90) Dibenzo(a,h)anthracene	28.64	278	131549	13.97	ng	98
91) Benzo(g,h,i)perylene	29.72	276	119683	13.67	ng	96

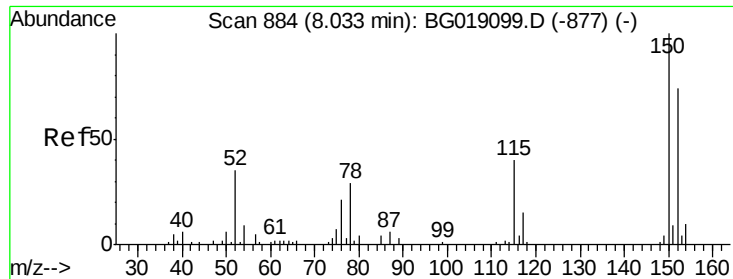
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Operator  : UM/NP  
Sample    : G3707-04  
Misc      : L00 20PPM  
ALS Vial  : 8   Sample Multiplier: 1
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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: BG019172.D

Acq: 13 Oct 2015 00:16

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL2015-02

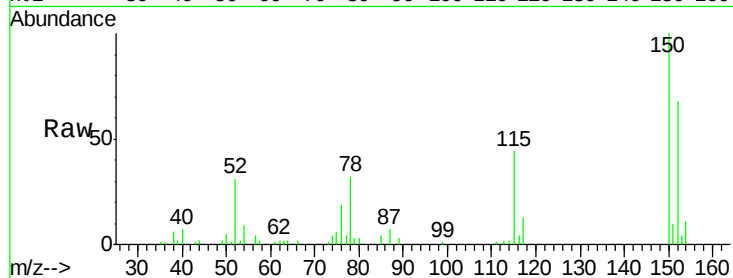
Tot Ion:152 Resp: 17469

Ion Ratio Lower Upper

152 100

150 148.1 108.2 162.2

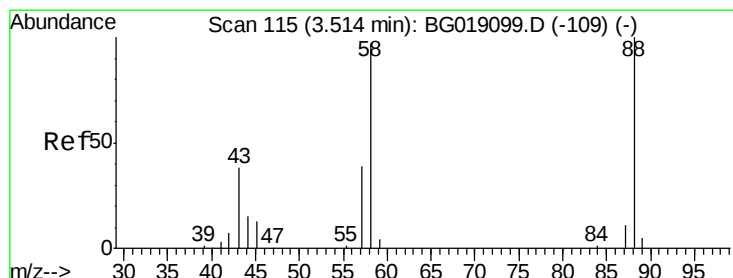
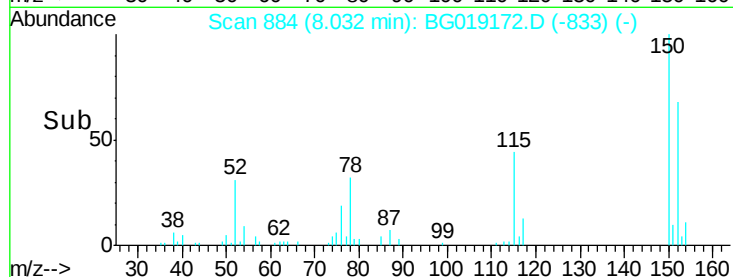
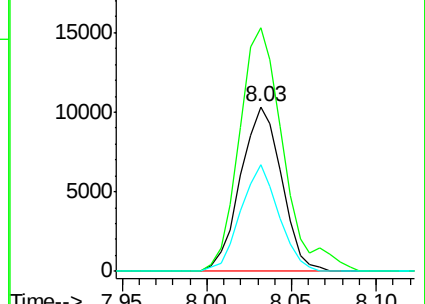
115 65.1 43.2 64.8#



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: 11.47 ng

RT: 3.51 min Scan# 114

Delta R.T. -0.01 min

Lab File: BG019172.D

Acq: 13 Oct 2015 00:16

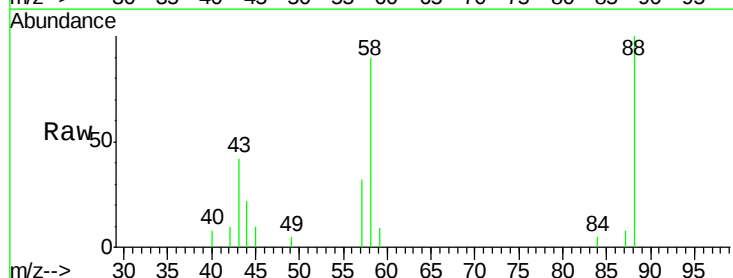
Tgt Ion: 88 Resp: 4137

Ion Ratio Lower Upper

88 100

58 112.6 81.1 121.7

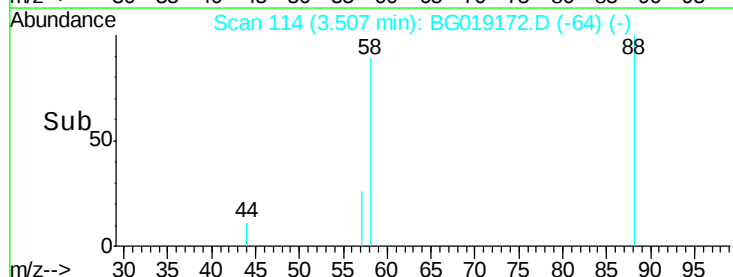
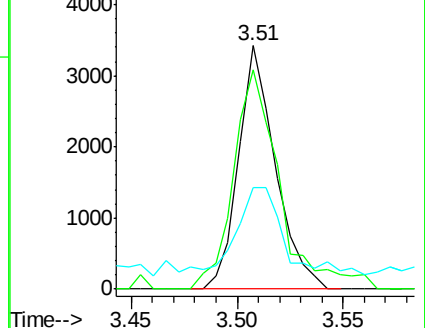
43 52.4 31.0 46.6#

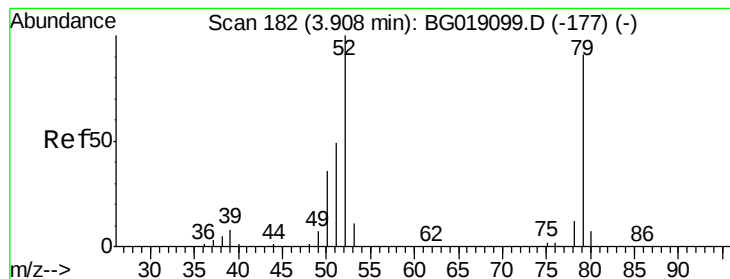


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 10.23 ng

RT: 3.91 min Scan# 182

Delta R.T. -0.00 min

Lab File: BG019172.D

Acq: 13 Oct 2015 00:16

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL2015-02

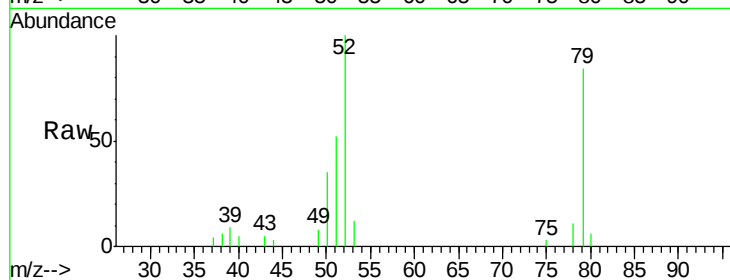
Tot Ion: 79 Resp: 11290

Ion Ratio Lower Upper

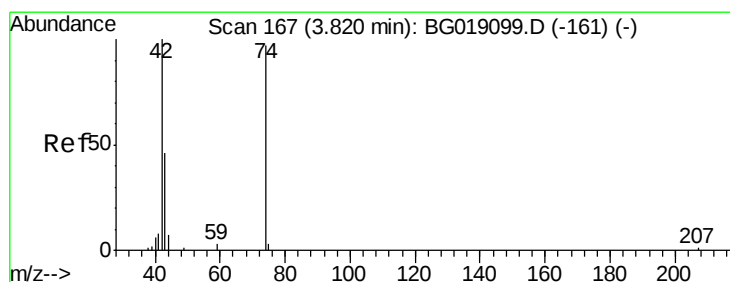
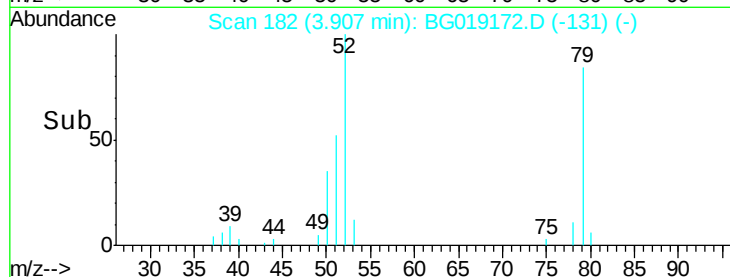
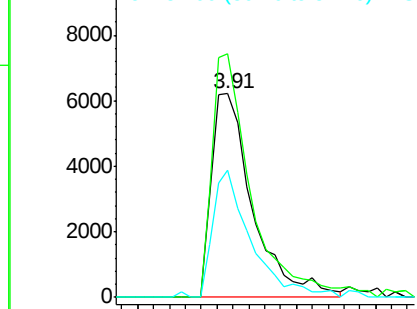
79 100

52 119.5 88.3 132.5

51 62.4 44.6 66.8



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



#4

n-Nitrosodimethylamine

Concen: 13.69 ng

RT: 3.81 min Scan# 166

Delta R.T. -0.01 min

Lab File: BG019172.D

Acq: 13 Oct 2015 00:16

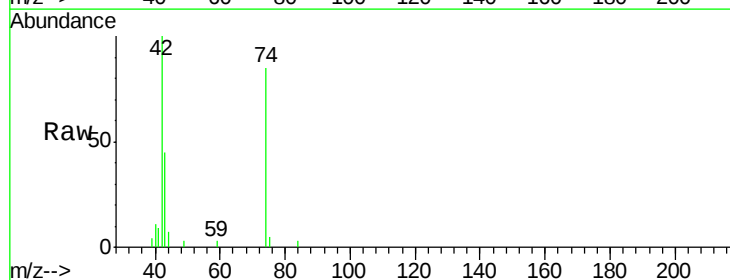
Tgt Ion: 42 Resp: 8562

Ion Ratio Lower Upper

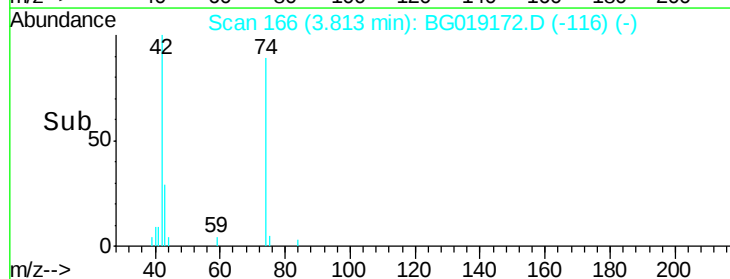
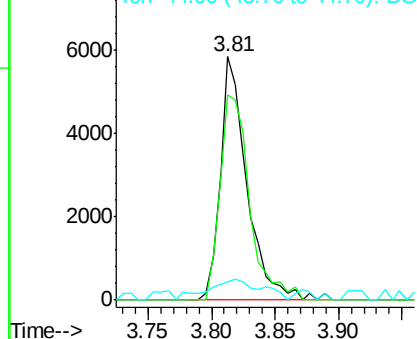
42 100

74 84.5 77.3 115.9

44 7.4 7.2 10.8



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





#5

2-Fluorophenol

Concen: 118.89 ng

RT: 5.61 min Scan# 472

Delta R.T. 0.00 min

Lab File: BG019172.D

Acq: 13 Oct 2015 00:16

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL2015-02

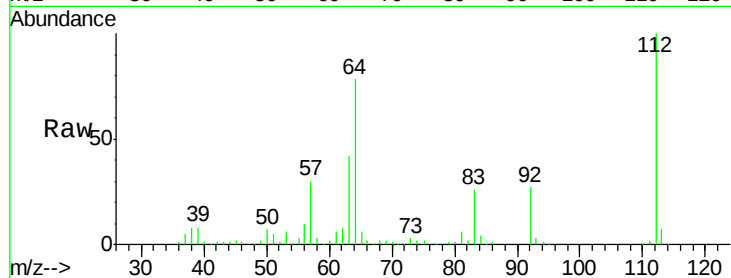
Tot Ion:112 Resp: 102003

Ion Ratio Lower Upper

112 100

64 78.3 59.0 88.4

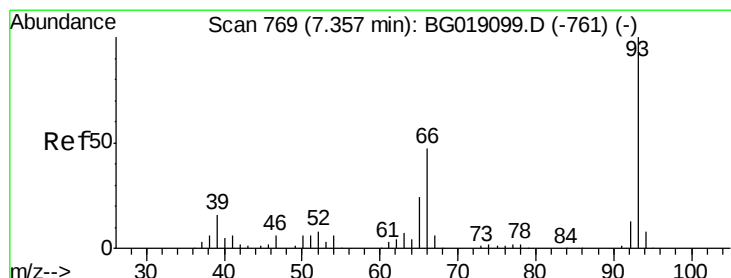
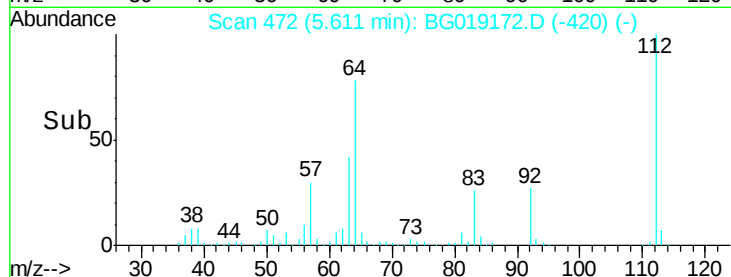
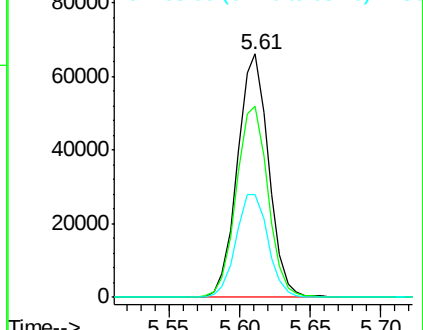
63 42.4 34.7 52.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 9.41 ng

RT: 7.36 min Scan# 769

Delta R.T. -0.01 min

Lab File: BG019172.D

Acq: 13 Oct 2015 00:16

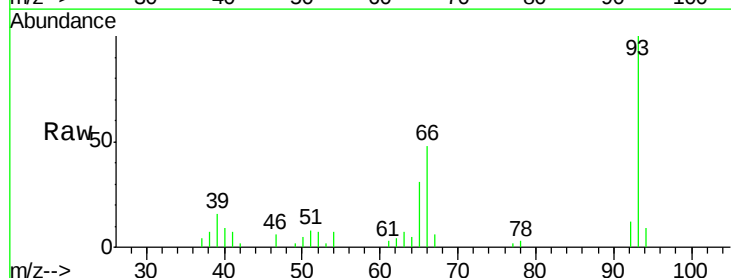
Tgt Ion: 93 Resp: 16799

Ion Ratio Lower Upper

93 100

66 48.2 37.4 56.2

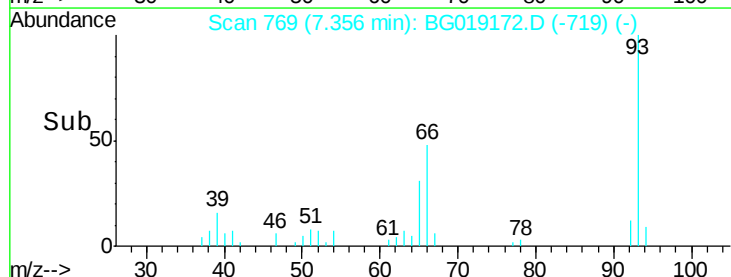
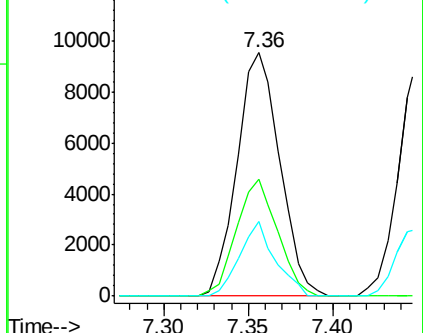
65 30.5 19.6 29.4#



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 120.82 ng

RT: 7.20 min Scan# 743

Delta R.T. -0.00 min

Lab File: BG019172.D

Acq: 13 Oct 2015 00:16

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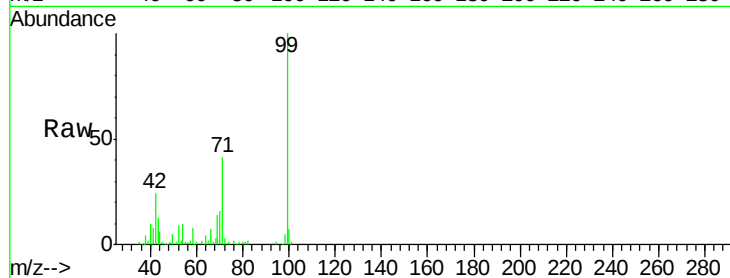
Tot Ion: 99 Resp: 159248

Ion Ratio Lower Upper

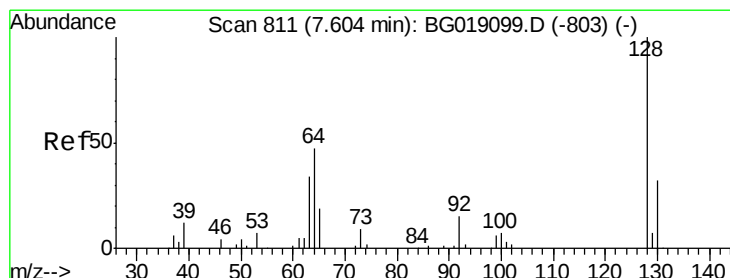
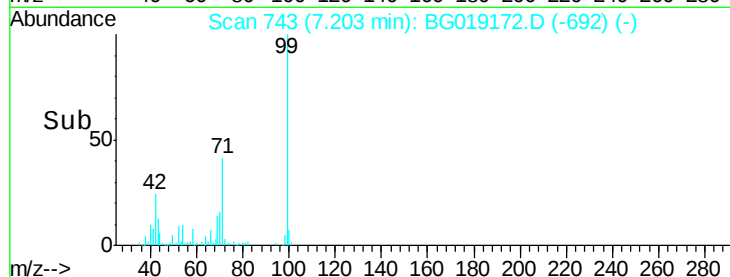
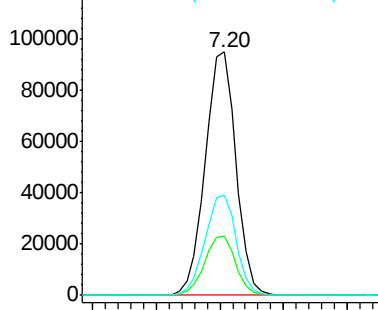
99 100

42 24.2 19.5 29.3

71 41.4 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: 15.06 ng

RT: 7.60 min Scan# 810

Delta R.T. -0.01 min

Lab File: BG019172.D

Acq: 13 Oct 2015 00:16

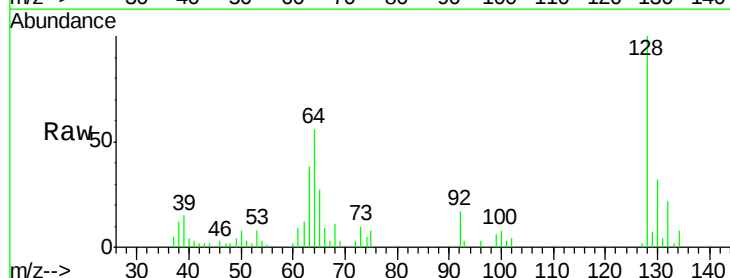
Tgt Ion: 128 Resp: 16211

Ion Ratio Lower Upper

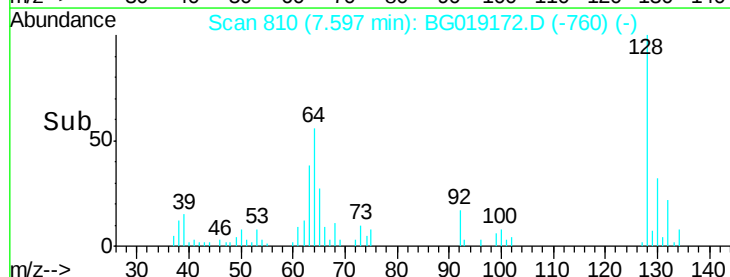
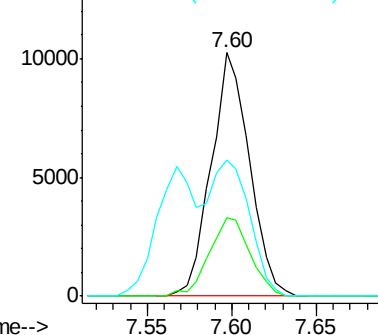
128 100

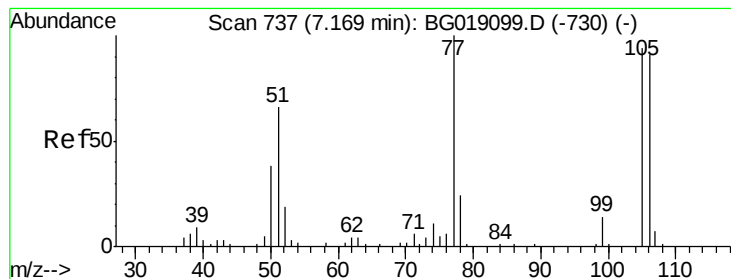
130 32.3 12.3 52.3

64 55.9 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: 16.81 ng

RT: 7.17 min Scan# 737

Delta R.T. -0.00 min

Lab File: BG019172.D

Acq: 13 Oct 2015 00:16

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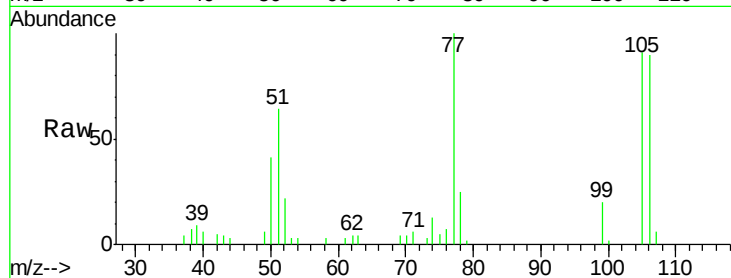
Tot Ion: 77 Resp: 13959

Ion Ratio Lower Upper

77 100

105 90.9 73.7 113.7

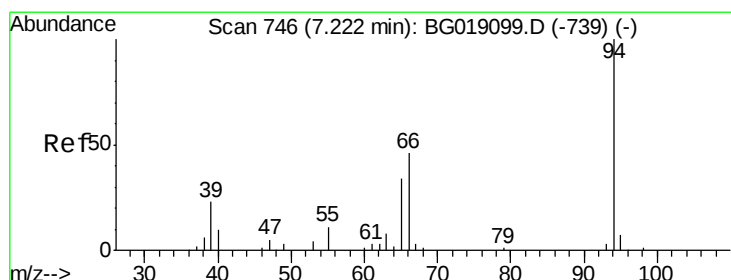
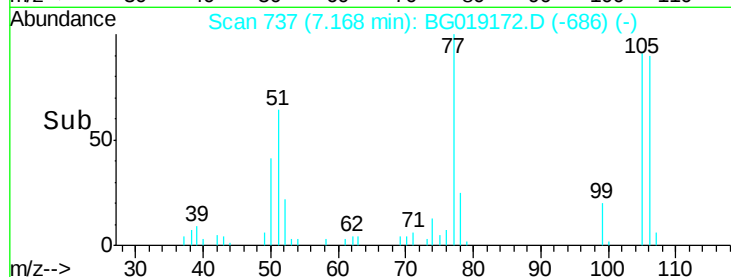
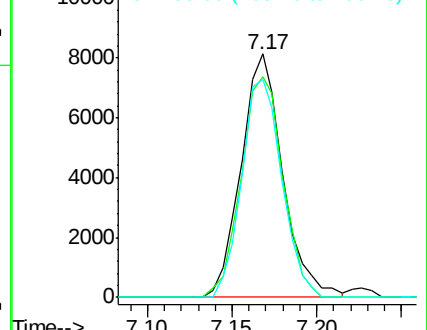
106 89.7 71.0 111.0



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



#10

Phenol

Concen: 15.92 ng

RT: 7.23 min Scan# 747

Delta R.T. -0.00 min

Lab File: BG019172.D

Acq: 13 Oct 2015 00:16

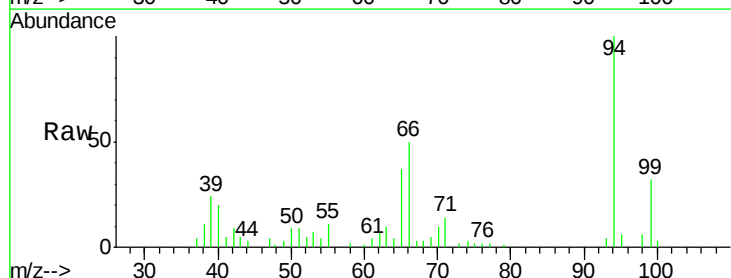
Tgt Ion: 94 Resp: 21845

Ion Ratio Lower Upper

94 100

65 36.6 15.2 55.2

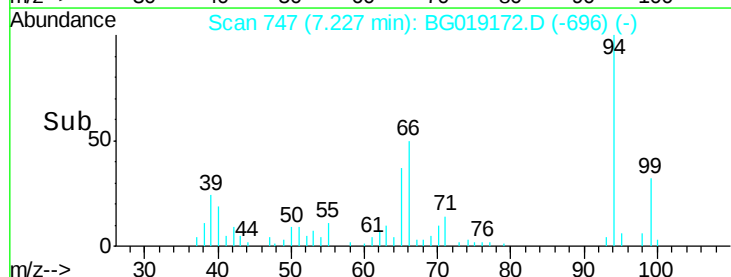
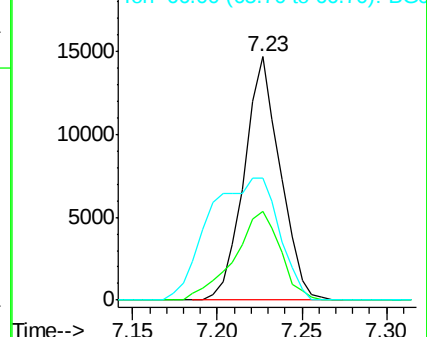
66 50.3 28.7 68.7



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

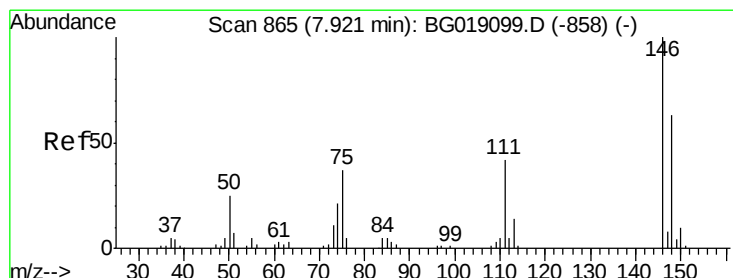
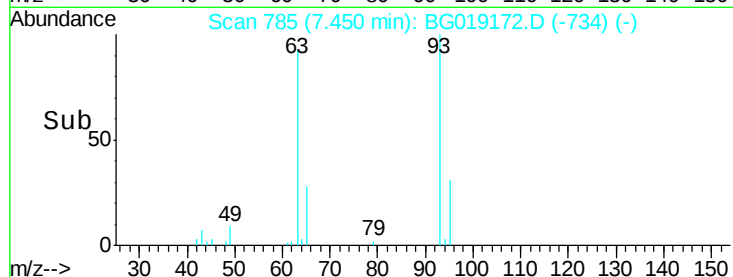
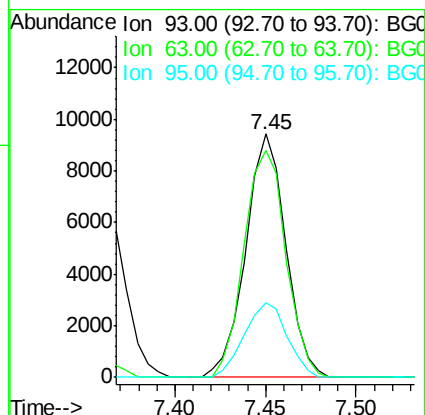
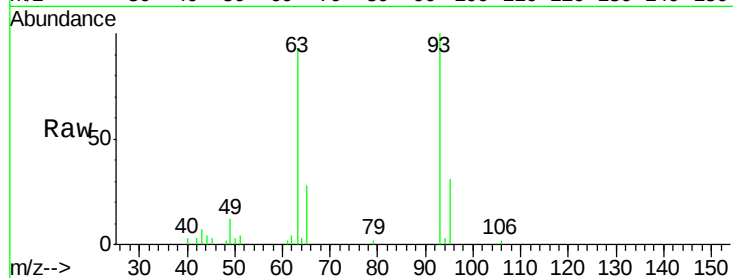




#11
bis(2-Chloroethyl)ether
Concen: 13.92 ng
RT: 7.45 min Scan# 785
Delta R.T. -0.00 min
Lab File: BG019172.D
Acq: 13 Oct 2015 00:16

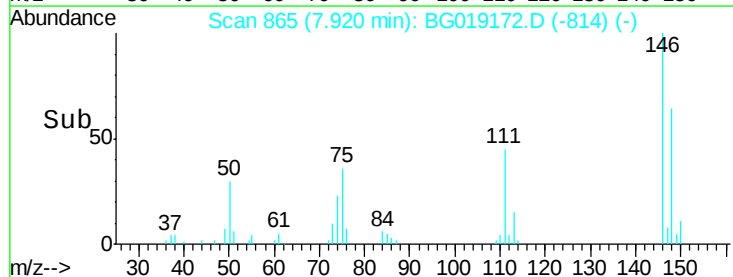
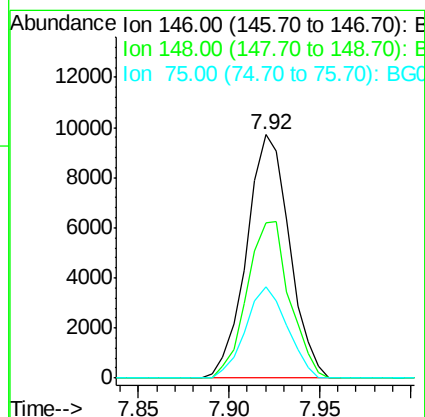
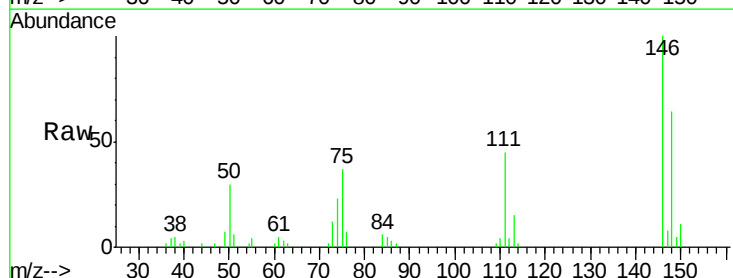
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL2015-02

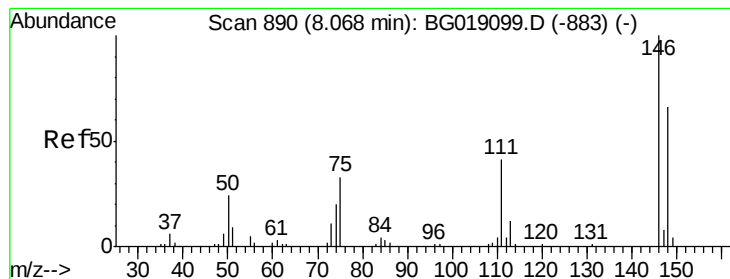
Tot Ion: 93 Resp: 14435
Ion Ratio Lower Upper
93 100
63 93.3 75.3 115.3
95 30.8 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 13.59 ng
RT: 7.92 min Scan# 865
Delta R.T. -0.00 min
Lab File: BG019172.D
Acq: 13 Oct 2015 00:16

Tgt Ion: 146 Resp: 15968
Ion Ratio Lower Upper
146 100
148 63.5 50.2 75.4
75 37.3 29.3 43.9





#13

1,4-Dichlorobenzene

Concen: 14.12 ng

RT: 8.07 min Scan# 890

Delta R.T. -0.00 min

Lab File: BG019172.D

Acq: 13 Oct 2015 00:16

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL2015-02

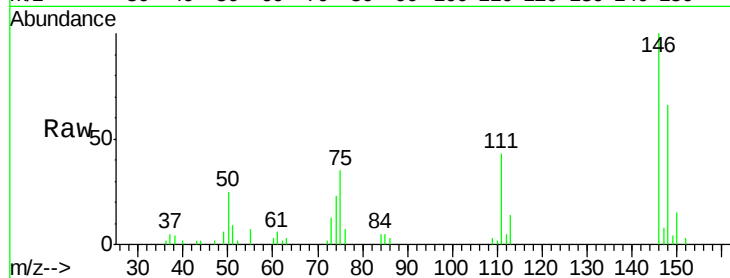
Tot Ion:146 Resp: 16981

Ion Ratio Lower Upper

146 100

148 66.4 52.9 79.3

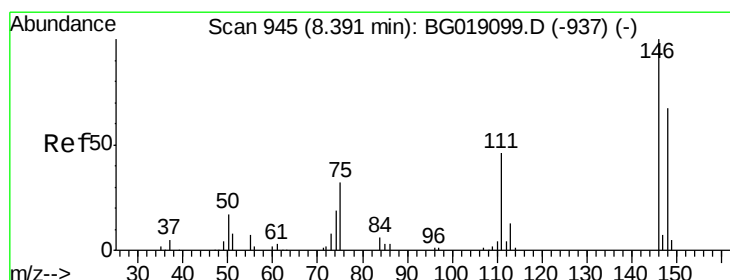
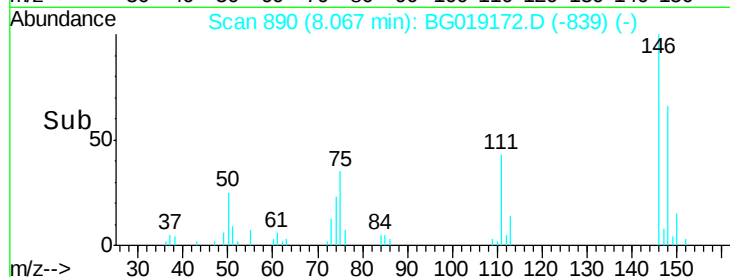
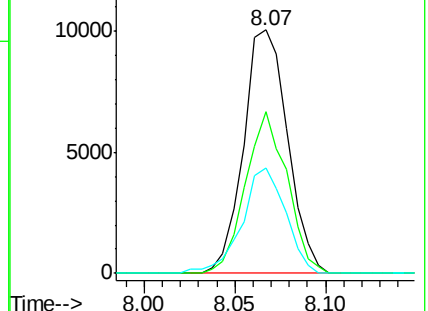
111 43.5 33.1 49.7



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: 14.19 ng

RT: 8.39 min Scan# 945

Delta R.T. -0.00 min

Lab File: BG019172.D

Acq: 13 Oct 2015 00:16

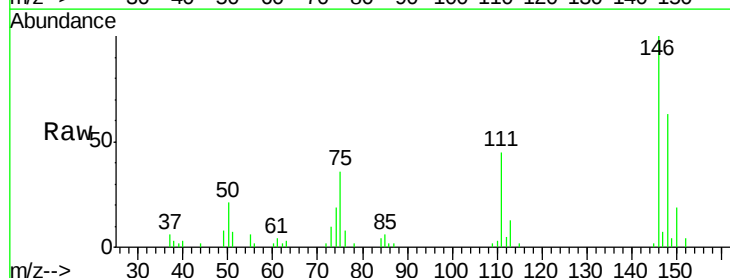
Tgt Ion:146 Resp: 16515

Ion Ratio Lower Upper

146 100

148 63.1 53.6 80.4

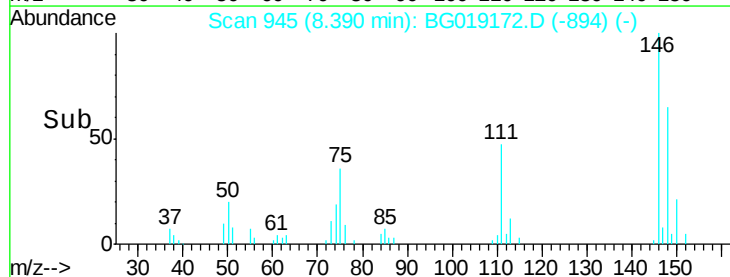
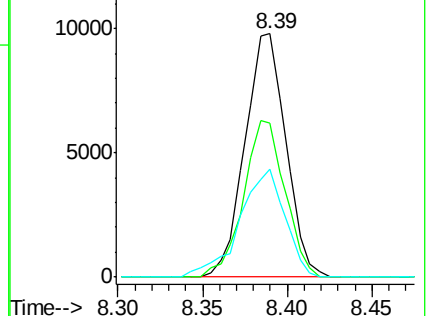
111 44.6 37.3 55.9

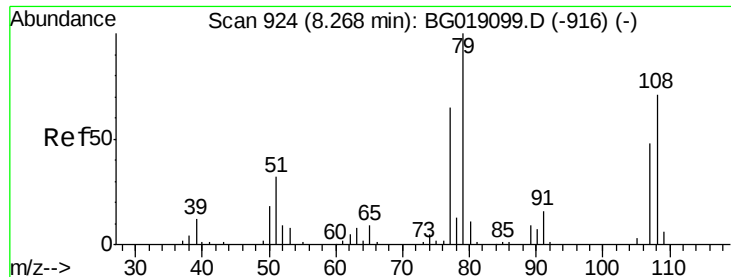


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 14.72 ng

RT: 8.27 min Scan# 924

Delta R.T. -0.01 min

Lab File: BG019172.D

Acq: 13 Oct 2015 00:16

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL2015-02

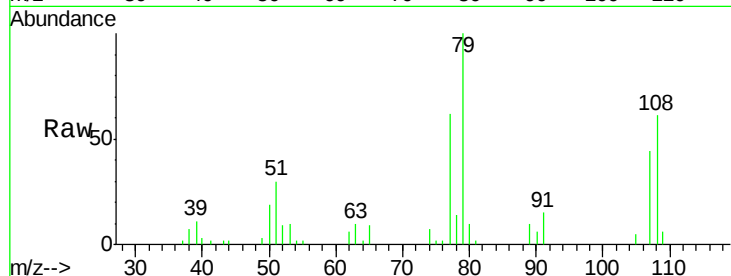
Tot Ion: 79 Resp: 17337

Ion Ratio Lower Upper

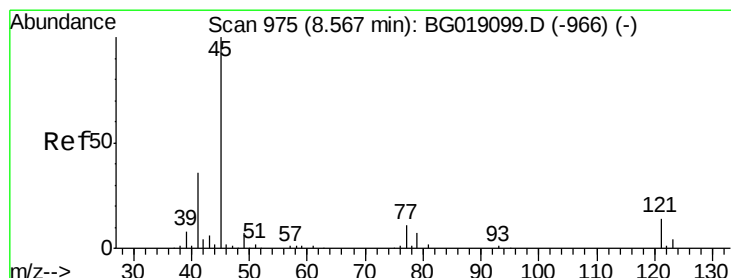
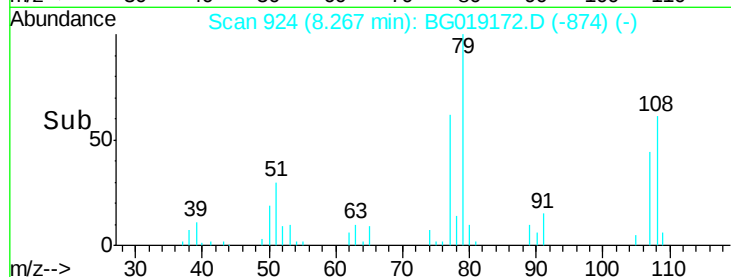
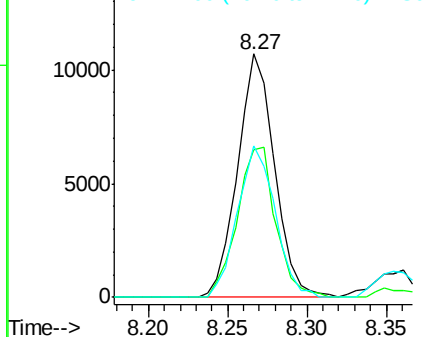
79 100

108 60.6 56.6 84.8

77 62.3 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: 15.05 ng

RT: 8.57 min Scan# 975

Delta R.T. -0.00 min

Lab File: BG019172.D

Acq: 13 Oct 2015 00:16

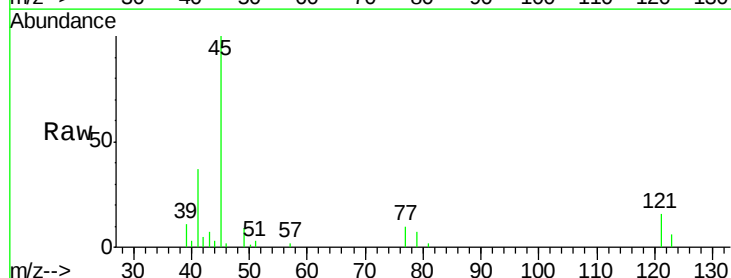
Tgt Ion: 45 Resp: 33420

Ion Ratio Lower Upper

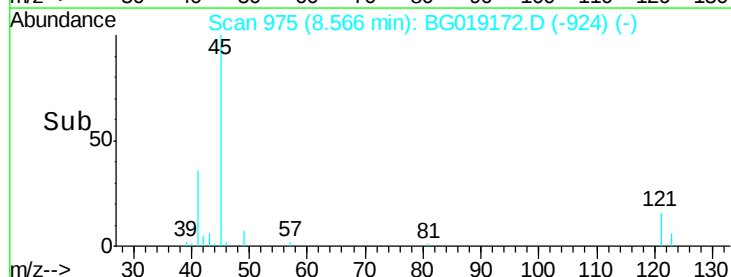
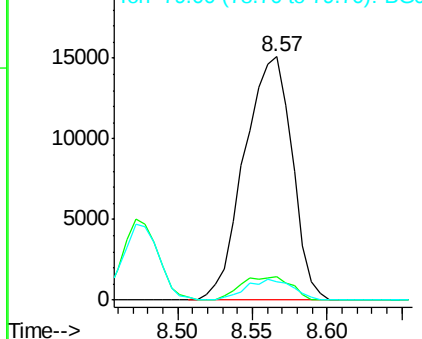
45 100

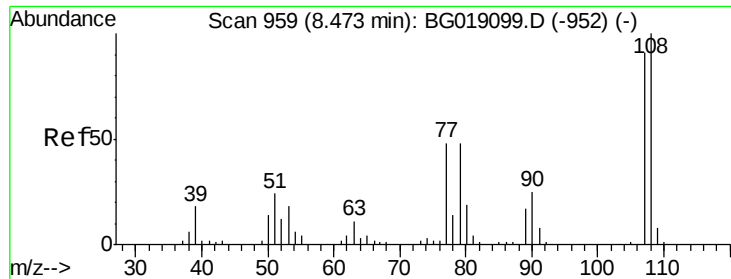
77 9.6 0.0 30.8

79 7.4 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

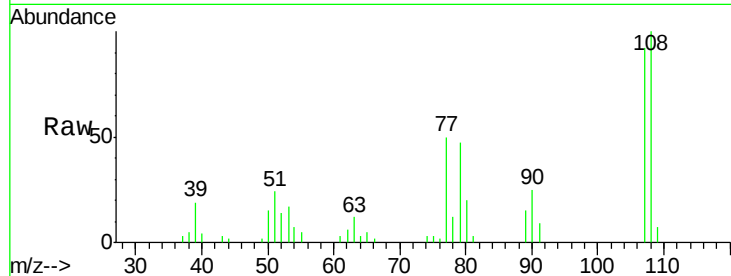




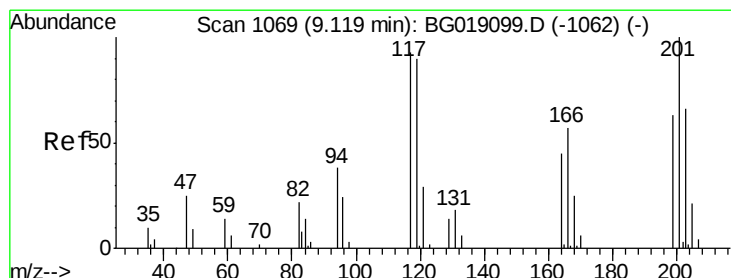
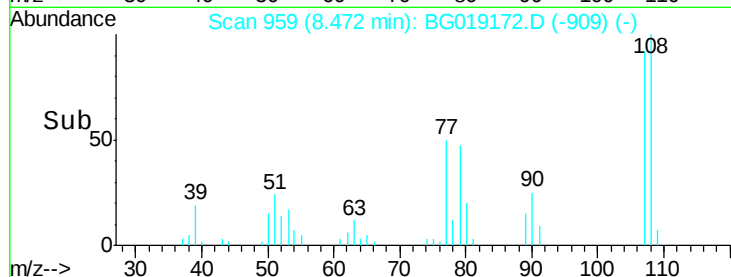
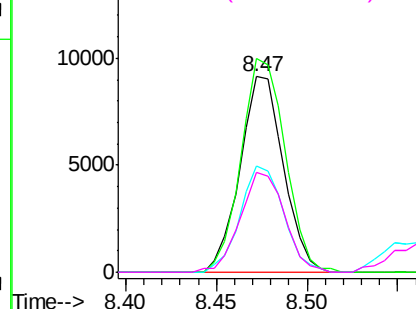
#17
2-Methylphenol
Concen: 15.54 ng
RT: 8.47 min Scan# 959
Delta R.T. -0.01 min
Lab File: BG019172.D
Acq: 13 Oct 2015 00:16

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL2015-02

Tot Ion:107 Resp: 15236
Ion Ratio Lower Upper
107 100
108 109.2 87.7 131.5
77 54.6 42.2 63.2
79 51.2 42.1 63.1

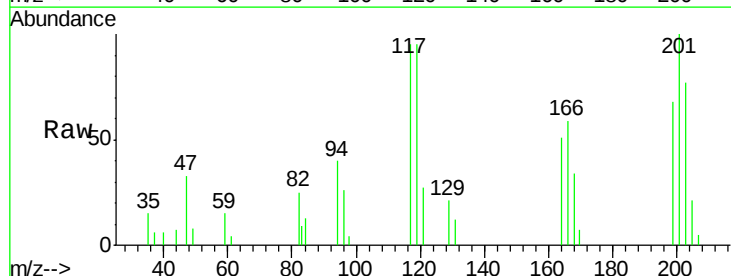


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

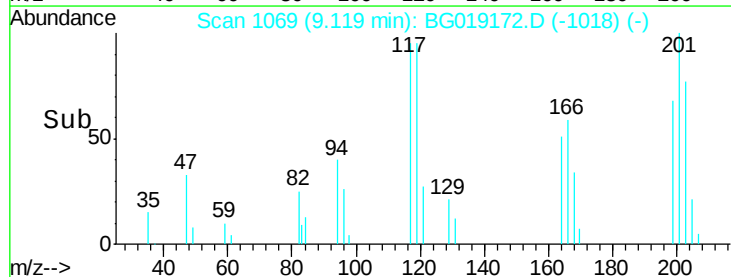
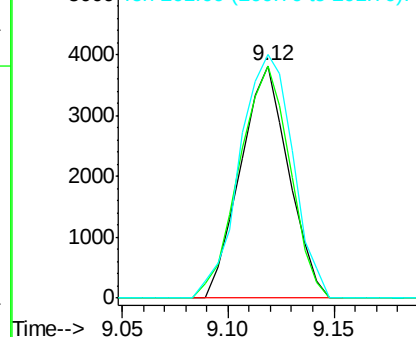


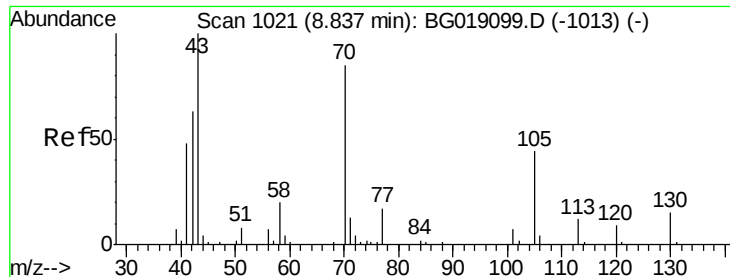
#18
Hexachloroethane
Concen: 13.15 ng
RT: 9.12 min Scan# 1069
Delta R.T. -0.00 min
Lab File: BG019172.D
Acq: 13 Oct 2015 00:16

Tgt Ion:117 Resp: 6027
Ion Ratio Lower Upper
117 100
119 100.0 77.0 115.4
201 104.9 85.6 128.4



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

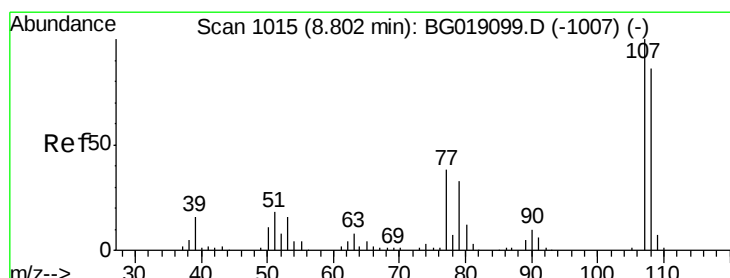
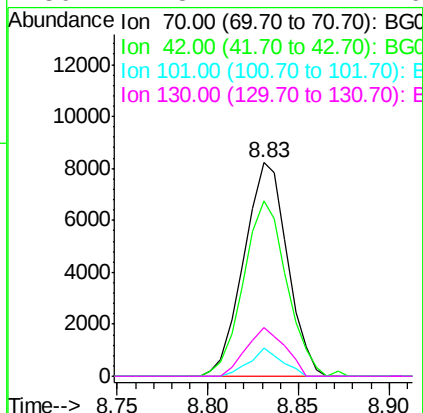
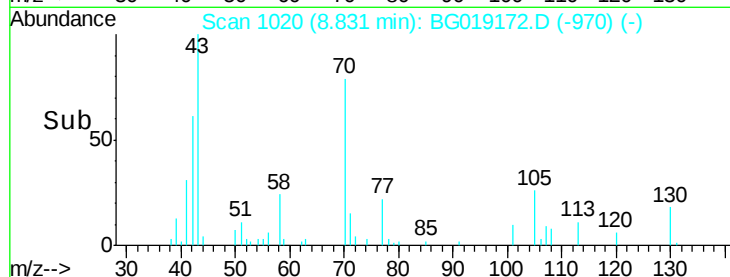
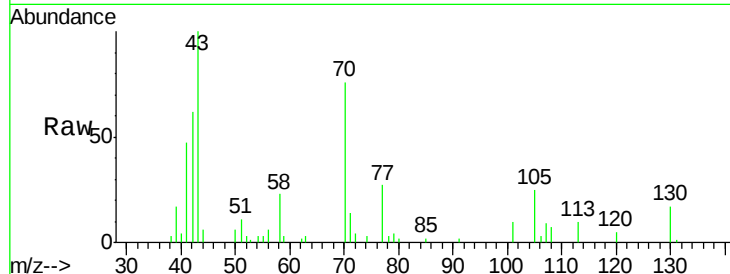




#19
n-Nitroso-di-n-propylamine
Concen: 13.11 ng
RT: 8.83 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BG019172.D
Acq: 13 Oct 2015 00:16

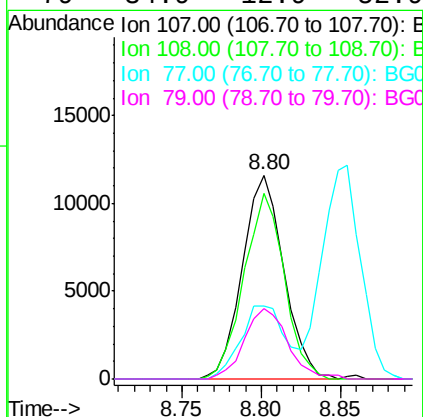
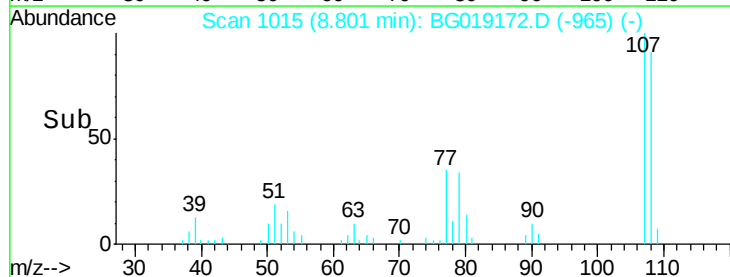
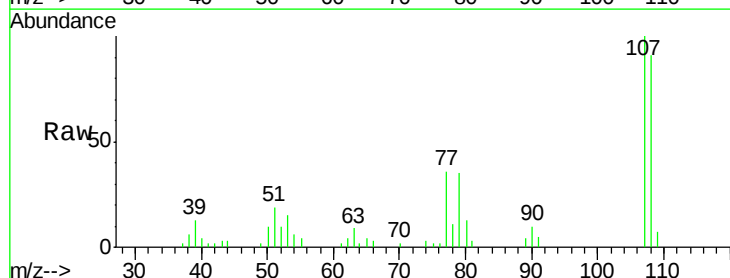
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL2015-02

Tot Ion: 70 Resp: 13712
Ion Ratio Lower Upper
70 100
42 82.0 59.8 89.8
101 13.0 7.0 10.4#
130 22.8 14.4 21.6#



#20
3+4-Methylphenols
Concen: 14.92 ng
RT: 8.80 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BG019172.D
Acq: 13 Oct 2015 00:16

Tgt Ion: 107 Resp: 21058
Ion Ratio Lower Upper
107 100
108 91.1 66.2 106.2
77 35.5 17.8 57.8
79 34.9 12.9 52.9

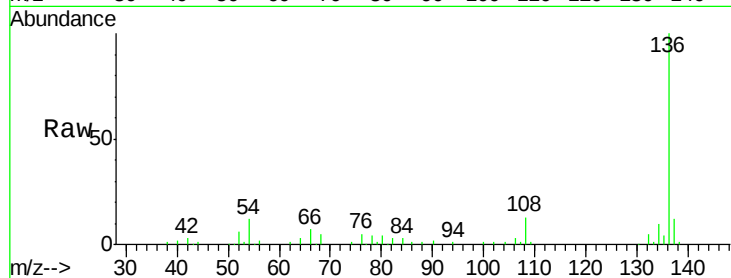




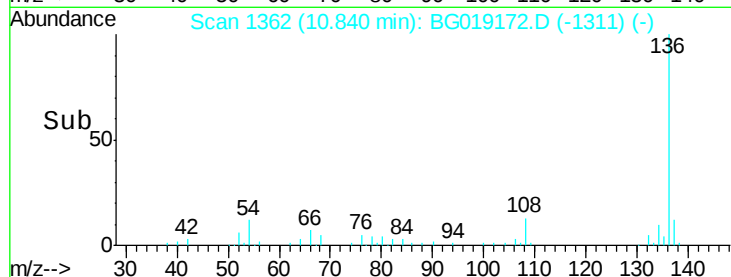
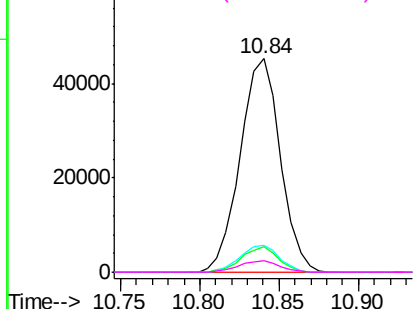
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.84 min Scan# 1362
Delta R.T. -0.00 min
Lab File: BG019172.D
Acq: 13 Oct 2015 00:16

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL2015-02

Tot Ion:136	Resp:	79606
Ion	Ratio	Lower Upper
136	100	
137	12.0	9.0 13.4
54	12.5	10.1 15.1
68	5.5	4.4 6.6

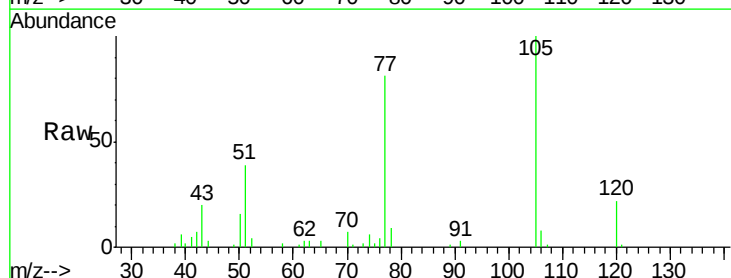


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

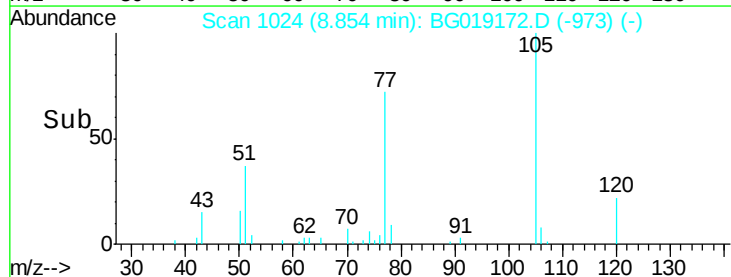
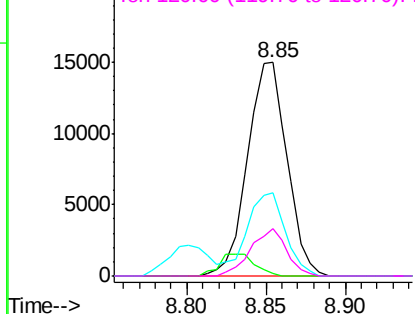


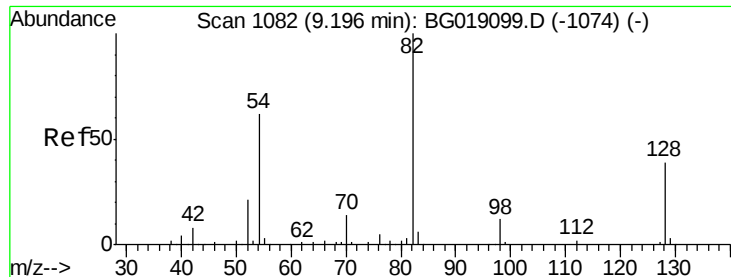
#22
Acetophenone
Concen: 13.93 ng
RT: 8.85 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BG019172.D
Acq: 13 Oct 2015 00:16

Tgt Ion:105	Resp:	25925
Ion	Ratio	Lower Upper
105	100	
71	1.1	2.2 3.2#
51	39.2	29.2 43.8
120	21.9	16.6 24.8



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

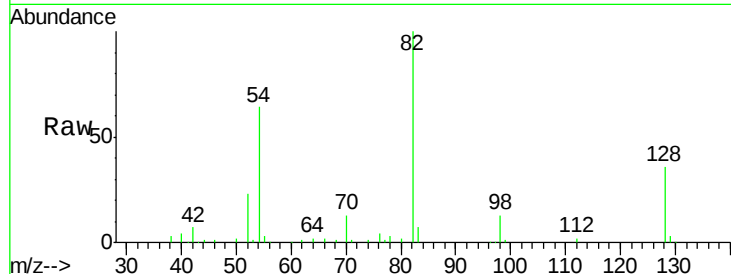




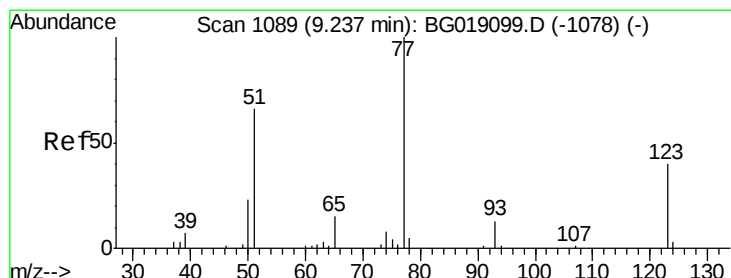
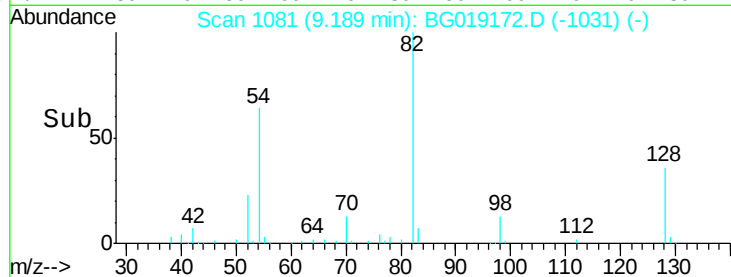
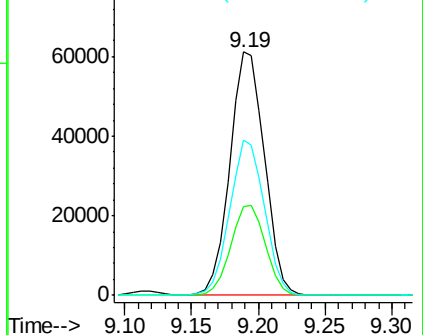
#23
Nitrobenzene-d5
Concen: 76.70 ng
RT: 9.19 min Scan# 1081
Delta R.T. -0.01 min
Lab File: BG019172.D
Acq: 13 Oct 2015 00:16

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL2015-02

Tot Ion	82	Resp	110508
Ion Ratio	100		
Lower	31.4		
Upper	47.2		
54	63.9	50.0	75.0

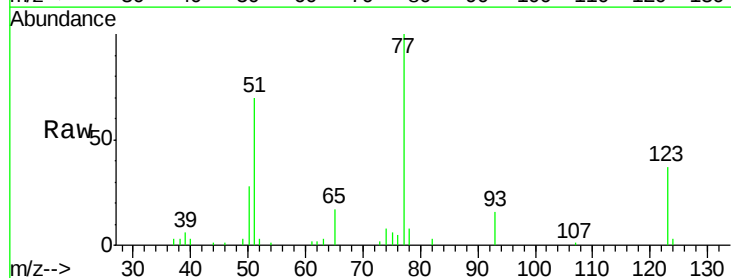


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

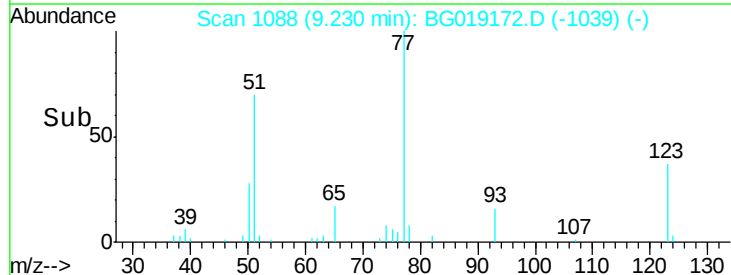
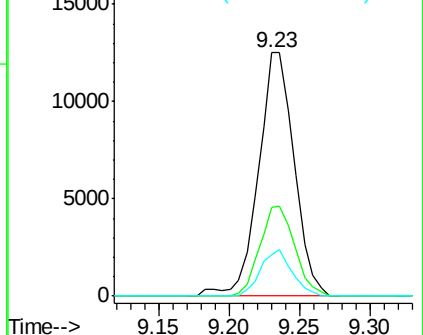


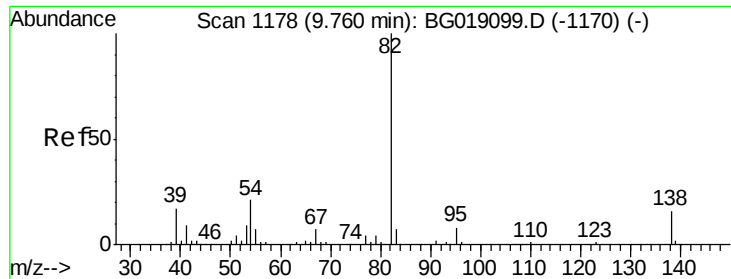
#24
Nitrobenzene
Concen: 14.59 ng
RT: 9.23 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BG019172.D
Acq: 13 Oct 2015 00:16

Tgt Ion	77	Resp	22300
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower	31.8		
Upper	47.6		
123	36.6	11.8	17.6
65	16.8		



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





#25

Isophorone

Concen: 12.97 ng

RT: 9.75 min Scan# 1177

Delta R.T. -0.01 min

Lab File: BG019172.D

Acq: 13 Oct 2015 00:16

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL2015-02

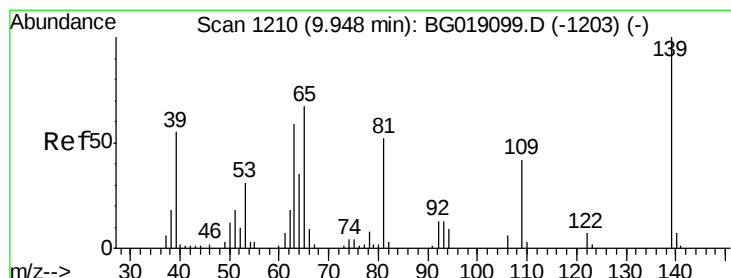
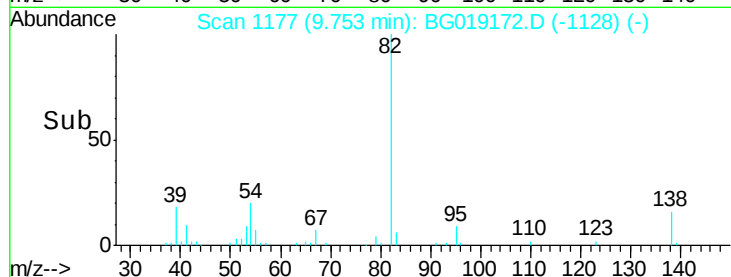
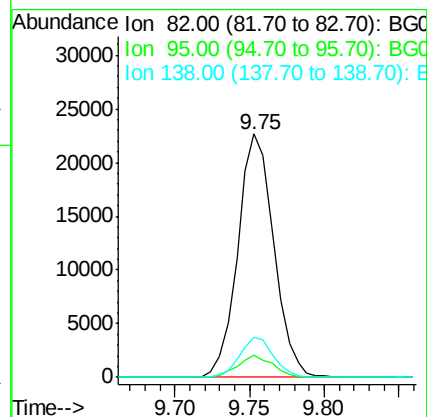
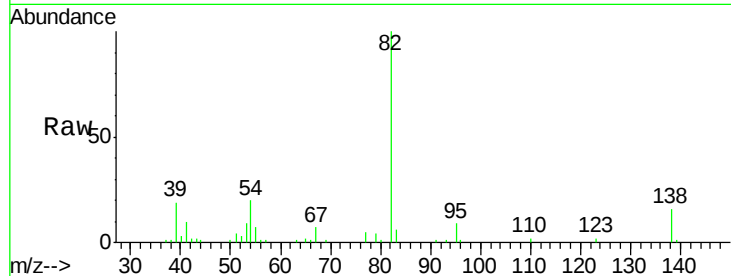
Tot Ion: 82 Resp: 38011

Ion Ratio Lower Upper

82 100

95 8.9 6.7 10.1

138 16.5 12.6 19.0



#26

2-Nitrophenol

Concen: 13.61 ng

RT: 9.95 min Scan# 1210

Delta R.T. -0.00 min

Lab File: BG019172.D

Acq: 13 Oct 2015 00:16

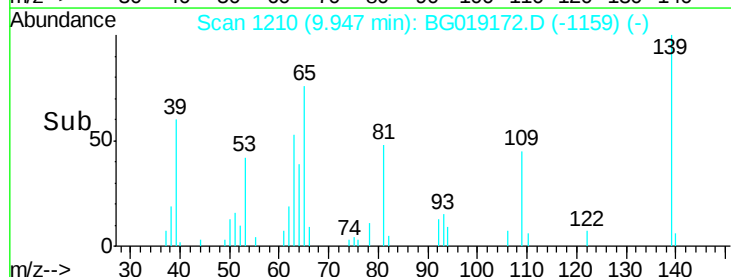
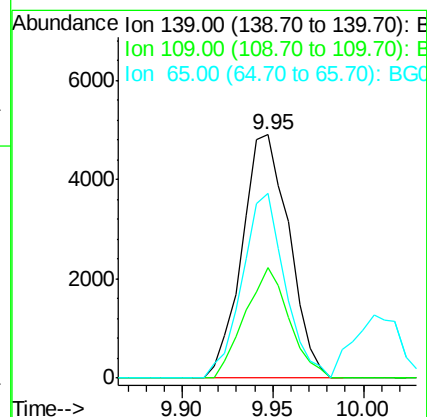
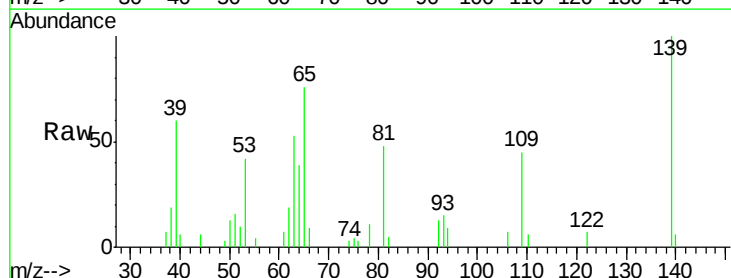
Tgt Ion: 139 Resp: 8870

Ion Ratio Lower Upper

139 100

109 45.3 33.3 49.9

65 75.9 53.6 80.4

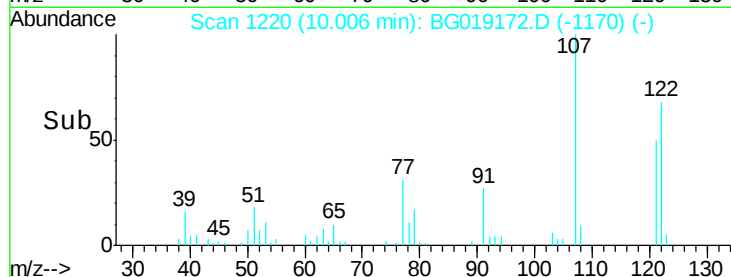
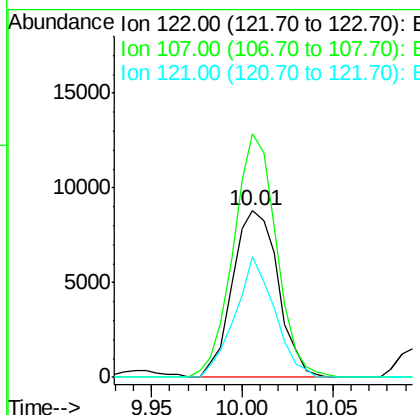
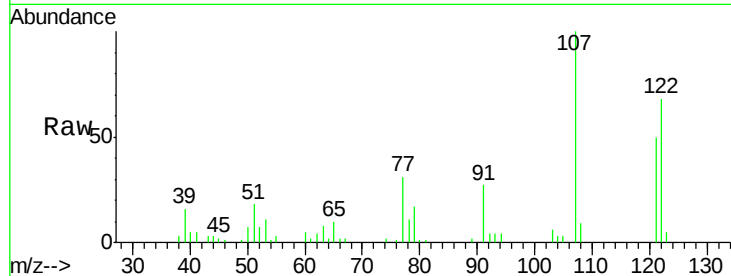




#27
 2,4-Dimethylphenol
 Concen: 13.48 ng
 RT: 10.01 min Scan# 1220
 Delta R.T. -0.01 min
 Lab File: BG019172.D
 Acq: 13 Oct 2015 00:16

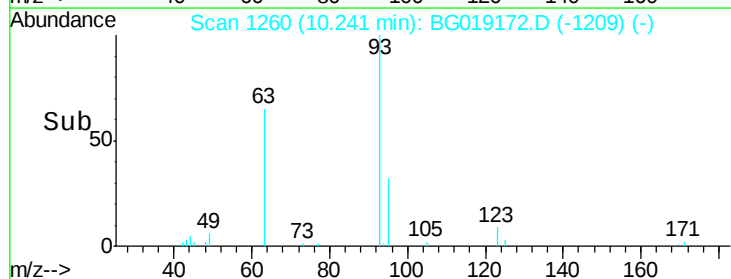
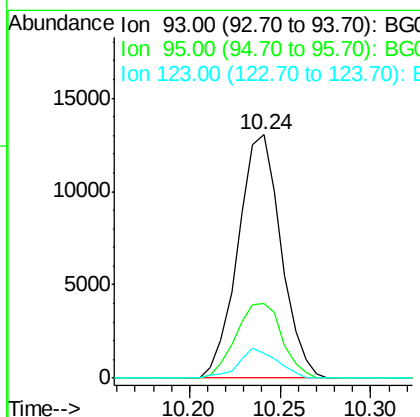
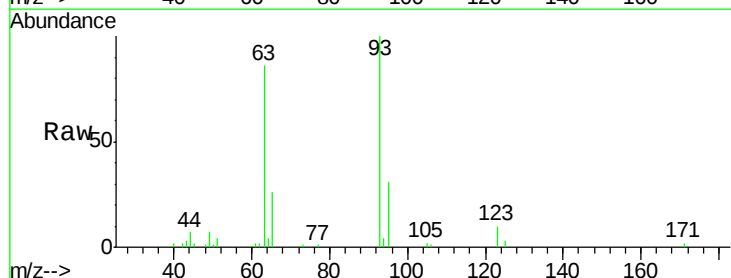
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL2015-02

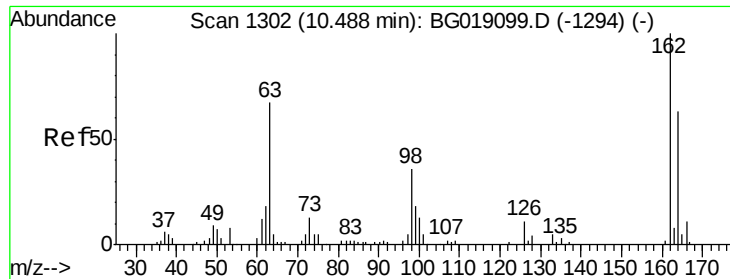
Tot Ion:122 Resp: 15348
 Ion Ratio Lower Upper
 122 100
 107 146.1 105.1 157.7
 121 72.5 48.7 73.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 13.74 ng
 RT: 10.24 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: BG019172.D
 Acq: 13 Oct 2015 00:16

Tgt Ion: 93 Resp: 21486
 Ion Ratio Lower Upper
 93 100
 95 30.9 26.5 39.7
 123 10.0 9.4 14.2

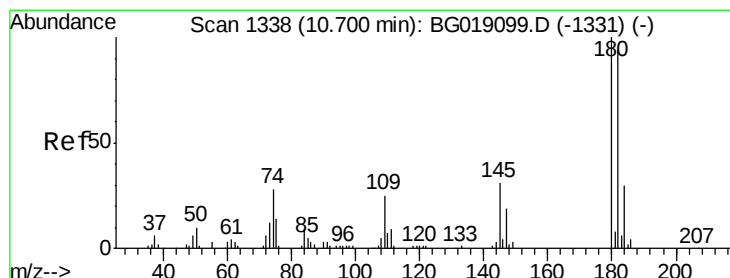
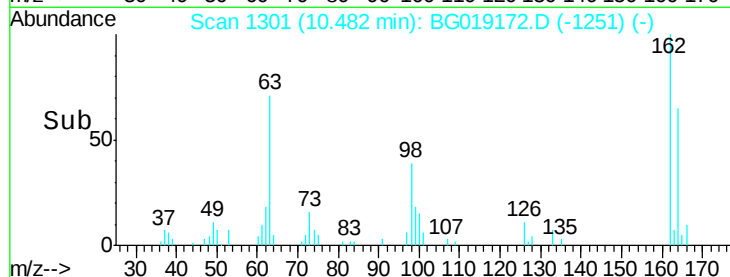
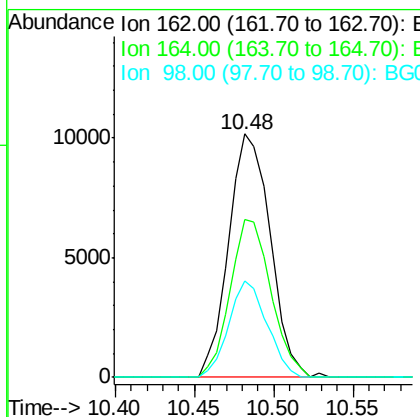
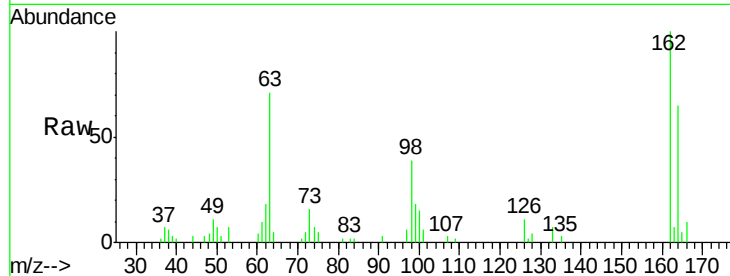




#29
2,4-Dichlorophenol
Concen: 15.54 ng
RT: 10.48 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BG019172.D
Acq: 13 Oct 2015 00:16

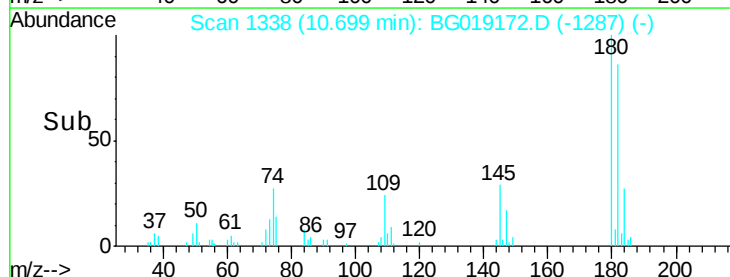
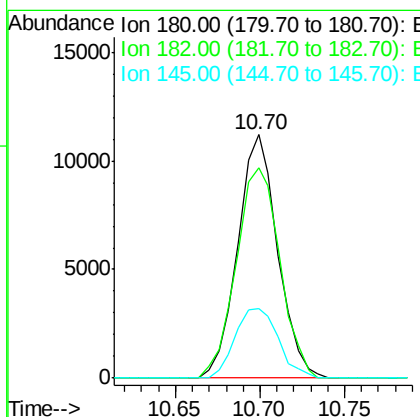
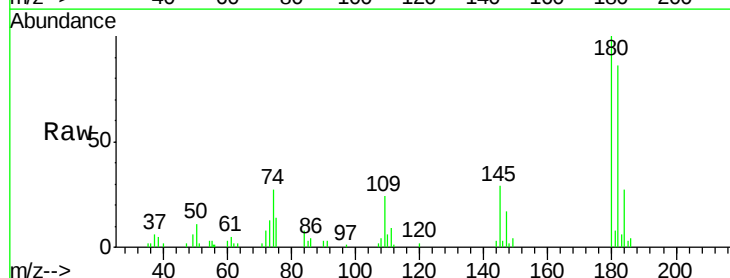
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL2015-02

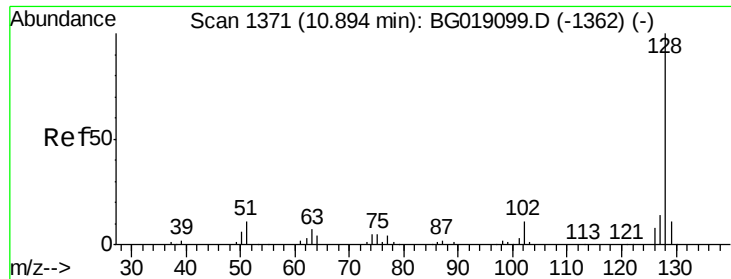
Tot Ion:162 Resp: 18553
Ion Ratio Lower Upper
162 100
164 65.1 42.8 82.8
98 39.5 16.1 56.1



#30
1,2,4-Trichlorobenzene
Concen: 14.35 ng
RT: 10.70 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BG019172.D
Acq: 13 Oct 2015 00:16

Tgt Ion:180 Resp: 18387
Ion Ratio Lower Upper
180 100
182 86.4 75.3 112.9
145 28.5 24.9 37.3

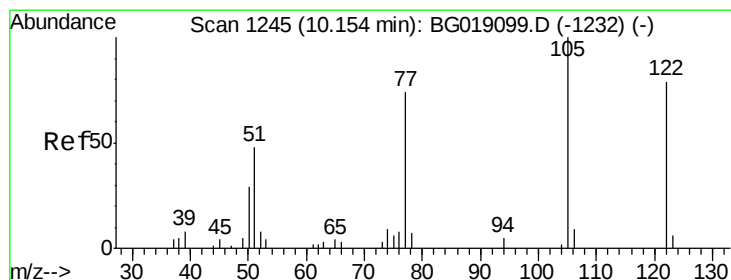
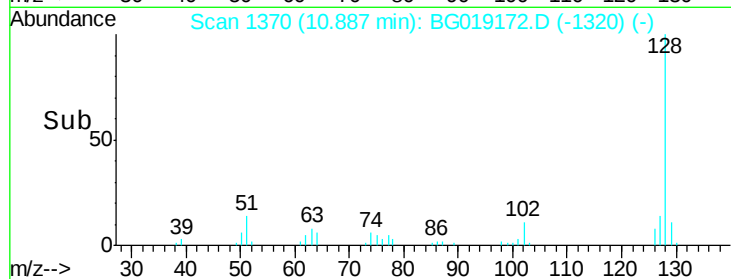
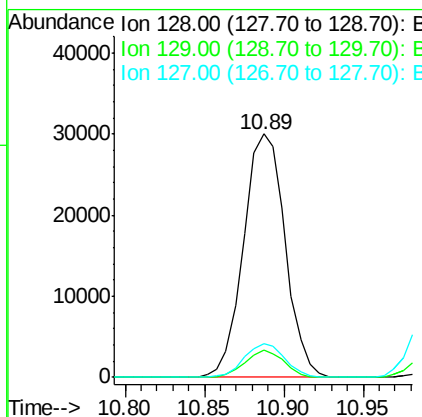
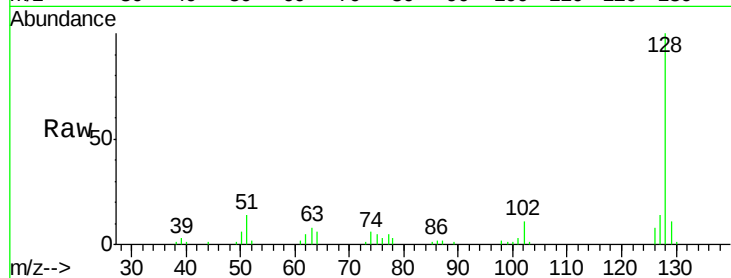




#31
Naphthalene
Concen: 14.25 ng
RT: 10.89 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BG019172.D
Acq: 13 Oct 2015 00:16

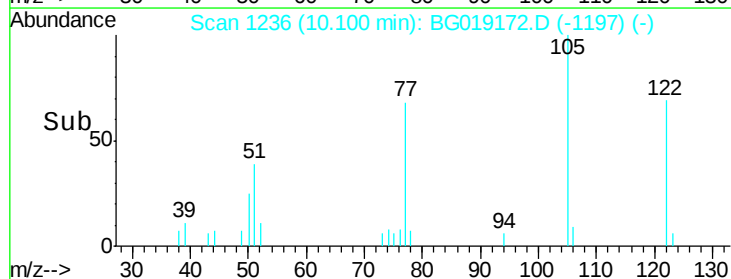
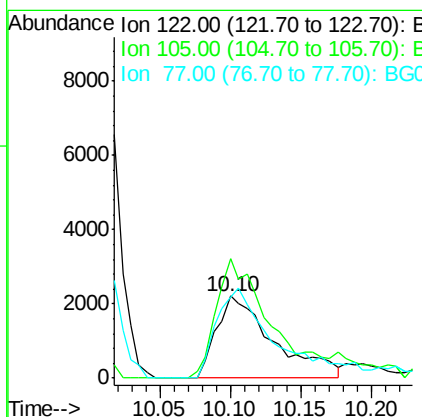
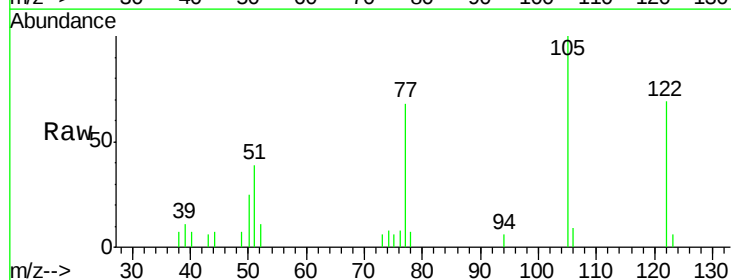
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL2015-02

Tot Ion:128 Resp: 54610
Ion Ratio Lower Upper
128 100
129 11.2 8.6 12.8
127 13.8 11.4 17.0



#32
Benzoic acid
Concen: 15.13 ng
RT: 10.10 min Scan# 1236
Delta R.T. -0.07 min
Lab File: BG019172.D
Acq: 13 Oct 2015 00:16

Tgt Ion:122 Resp: 6198
Ion Ratio Lower Upper
122 100
105 144.9 107.0 147.0
77 98.1 73.4 113.4

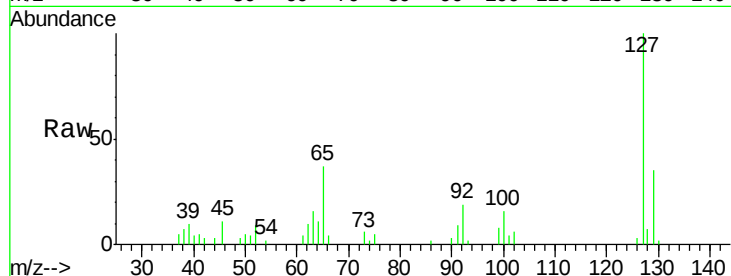




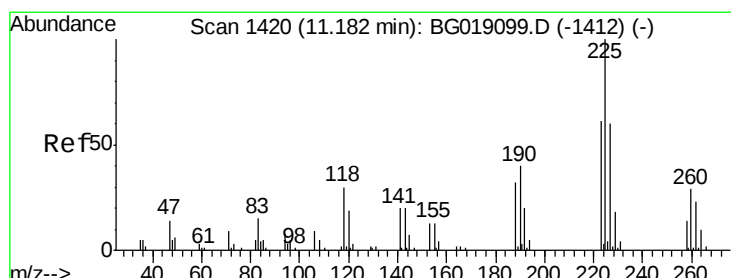
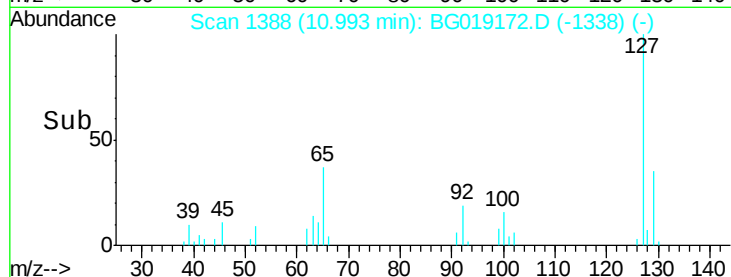
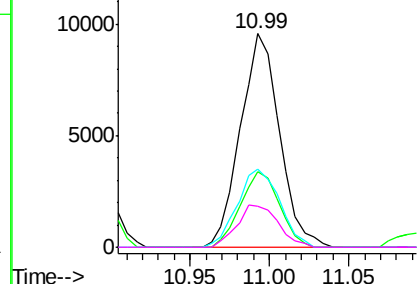
#33
4-Chloroaniline
Concen: 9.20 ng
RT: 10.99 min Scan# 1388
Delta R.T. -0.01 min
Lab File: BG019172.D
Acq: 13 Oct 2015 00:16

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL2015-02

Tot Ion:127	Resp:	16376
Ion	Ratio	Lower Upper
127	100	
129	35.2	26.2 39.2
65	36.9	30.4 45.6
92	19.1	16.9 25.3

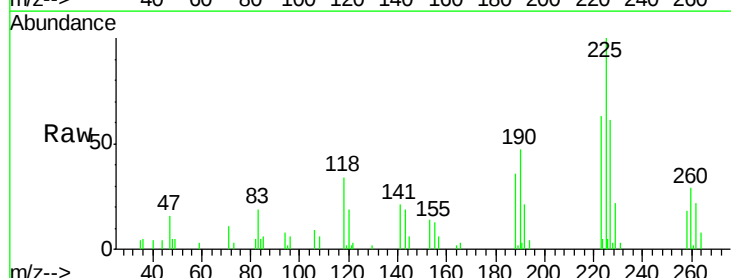


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

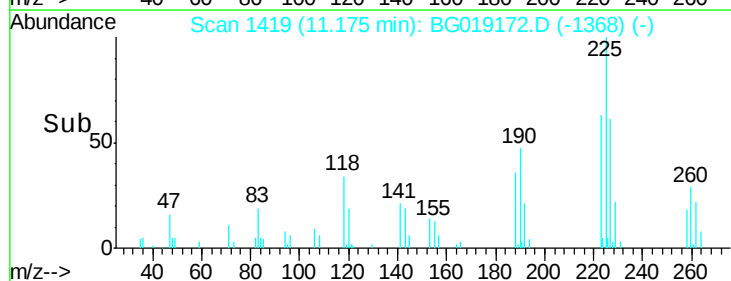
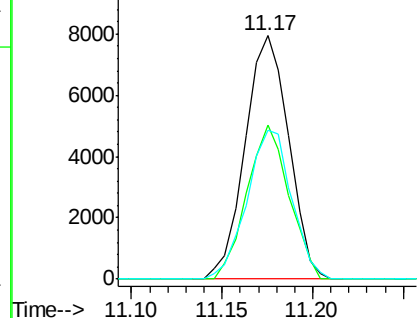


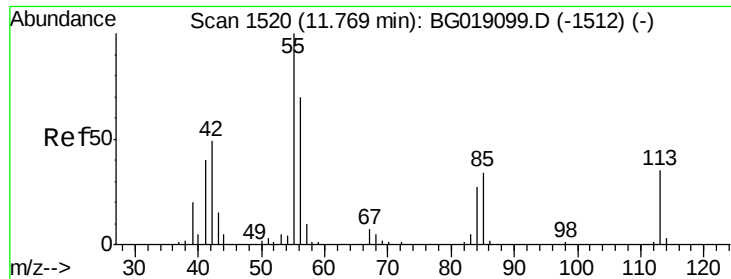
#34
Hexachlorobutadiene
Concen: 15.12 ng
RT: 11.17 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BG019172.D
Acq: 13 Oct 2015 00:16

Tgt Ion:225	Resp:	13290
Ion	Ratio	Lower Upper
225	100	
223	63.4	48.6 72.8
227	61.2	48.1 72.1



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





#35

Caprolactam

Concen: 13.35 ng

RT: 11.75 min Scan# 1517

Delta R.T. -0.04 min

Lab File: BG019172.D

Acq: 13 Oct 2015 00:16

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL2015-02

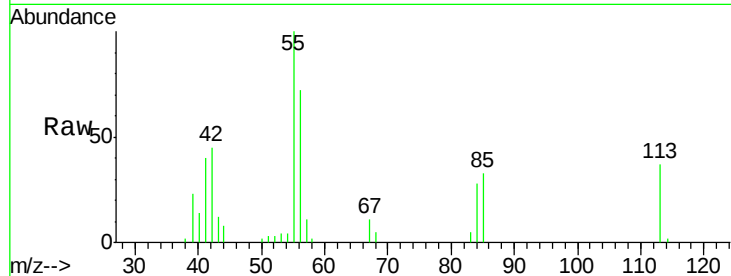
Tot Ion:113 Resp: 5872

Ion Ratio Lower Upper

113 100

55 267.3 263.4 303.4

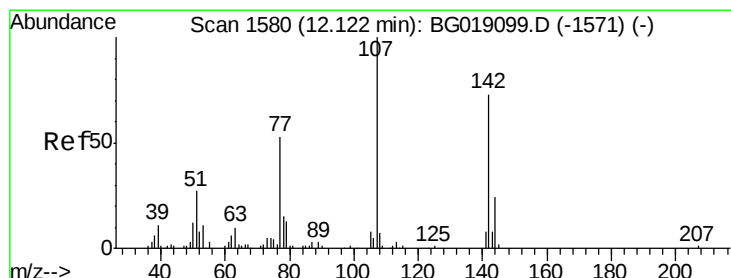
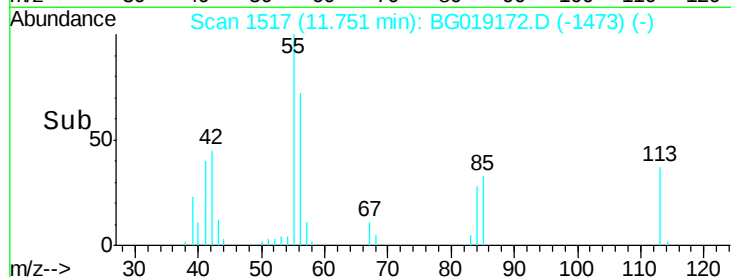
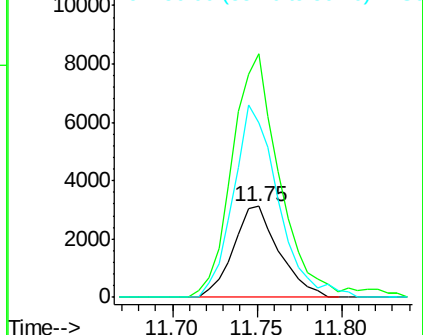
56 192.2 179.0 219.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG019172.D (-1473) (-)

Ion 56.00 (55.70 to 56.70): BG019172.D (-1473) (-)



#36

4-Chloro-3-methylphenol

Concen: 15.79 ng

RT: 12.12 min Scan# 1579

Delta R.T. -0.01 min

Lab File: BG019172.D

Acq: 13 Oct 2015 00:16

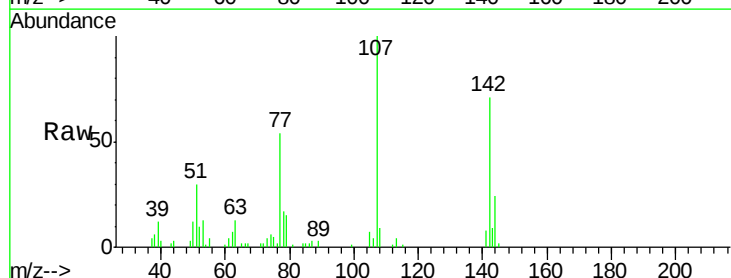
Tgt Ion:107 Resp: 23958

Ion Ratio Lower Upper

107 100

144 24.1 19.0 28.6

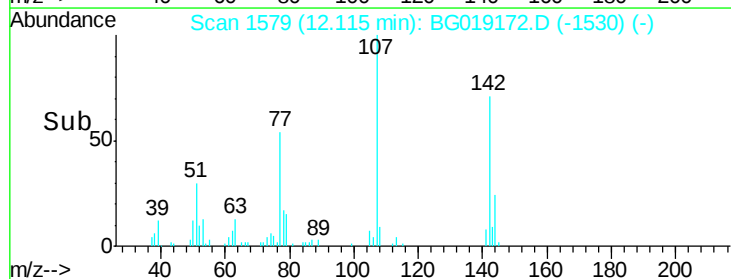
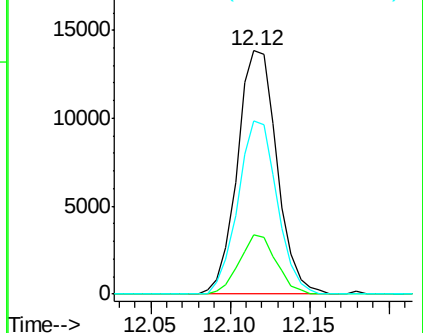
142 71.3 58.5 87.7

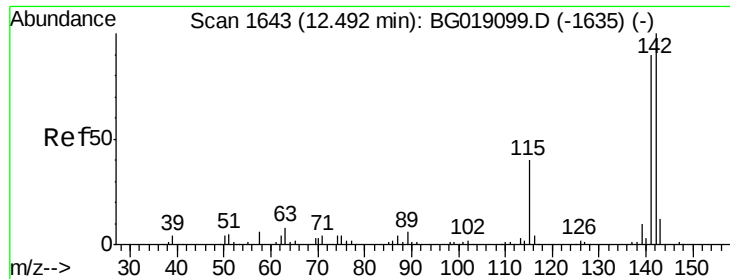


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

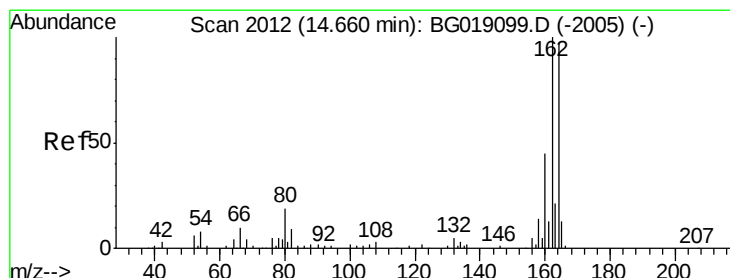
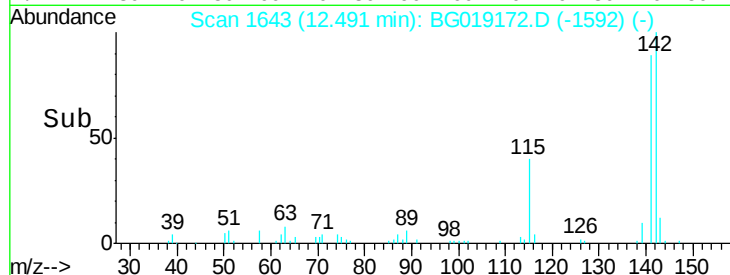
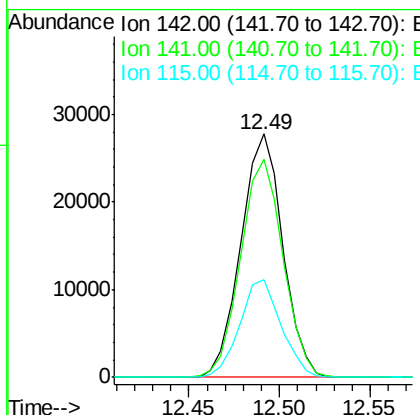
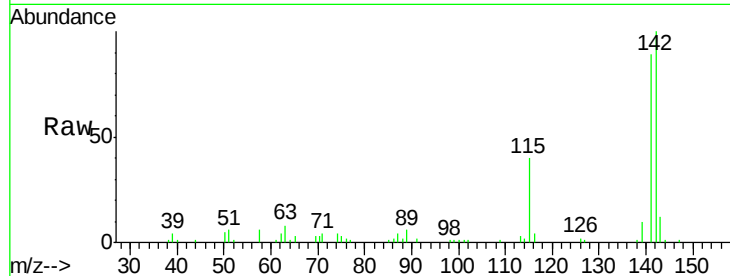




#37
 2-Methylnaphthalene
 Concen: 14.96 ng
 RT: 12.49 min Scan# 1643
 Delta R.T. -0.00 min
 Lab File: BG019172.D
 Acq: 13 Oct 2015 00:16

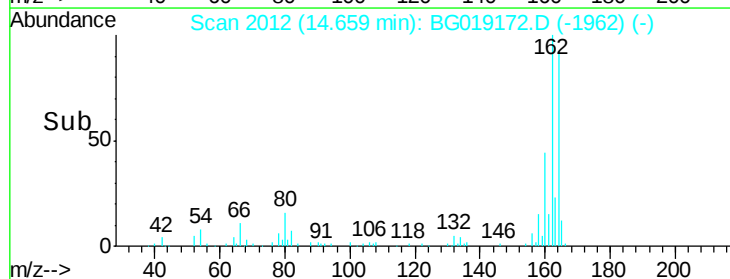
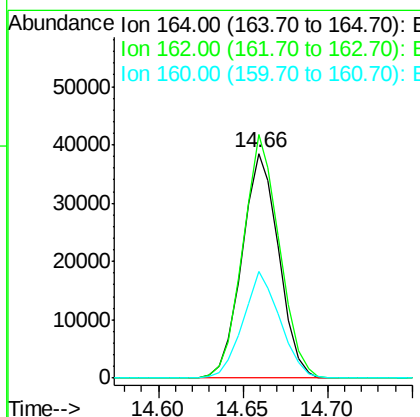
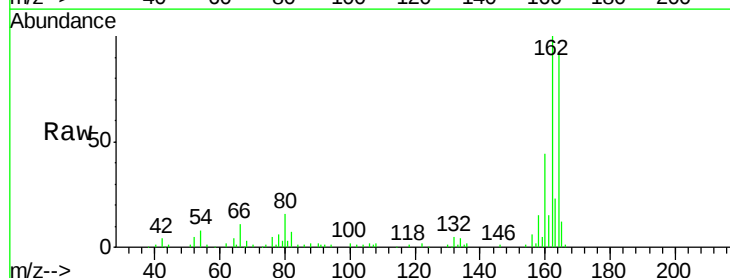
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL2015-02

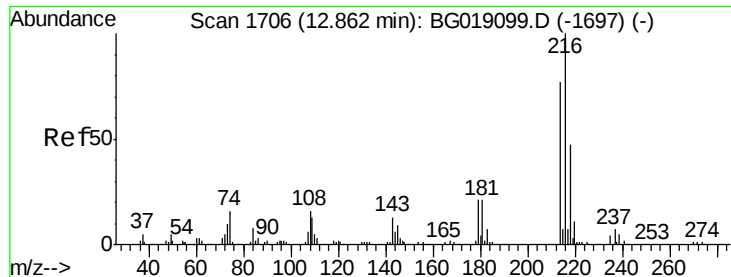
Tot Ion:142 Resp: 44529
 Ion Ratio Lower Upper
 142 100
 141 89.4 72.1 108.1
 115 40.1 31.8 47.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.66 min Scan# 2012
 Delta R.T. -0.01 min
 Lab File: BG019172.D
 Acq: 13 Oct 2015 00:16

Tgt Ion:164 Resp: 58184
 Ion Ratio Lower Upper
 164 100
 162 108.2 82.6 124.0
 160 47.4 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 14.38 ng

RT: 12.86 min Scan# 1705

Delta R.T. -0.01 min

Lab File: BG019172.D

Acq: 13 Oct 2015 00:16

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL2015-02

Tot Ion:216 Resp: 24043

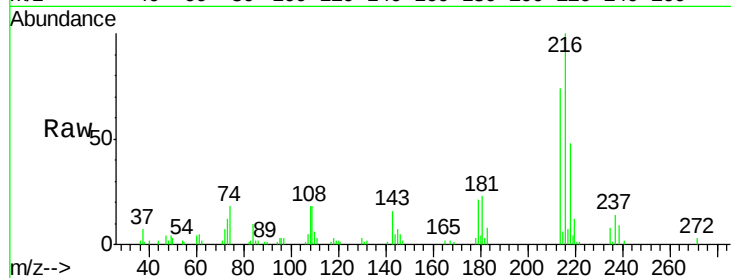
Ion Ratio Lower Upper

216 100

214 74.4 64.0 96.0

179 20.2 16.9 25.3

108 19.7 14.7 22.1

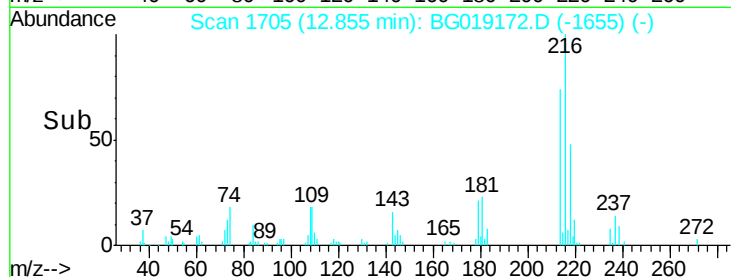


Abundance Ion 216.00 (215.70 to 216.70): E

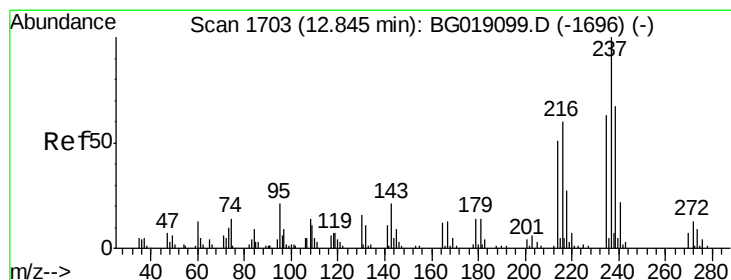
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 13.58 ng

RT: 12.84 min Scan# 1702

Delta R.T. -0.01 min

Lab File: BG019172.D

Acq: 13 Oct 2015 00:16

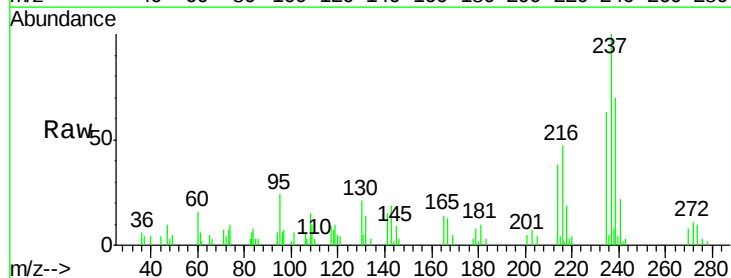
Tgt Ion:237 Resp: 11813

Ion Ratio Lower Upper

237 100

235 62.6 43.2 83.2

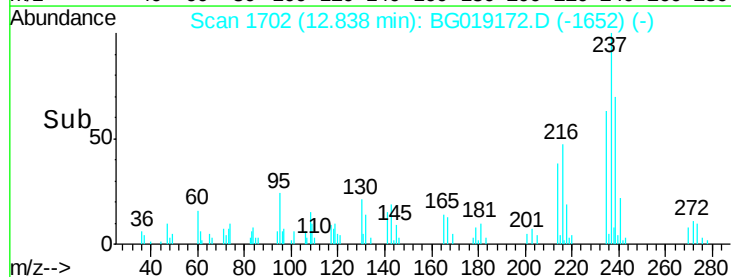
272 10.9 0.0 33.2



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



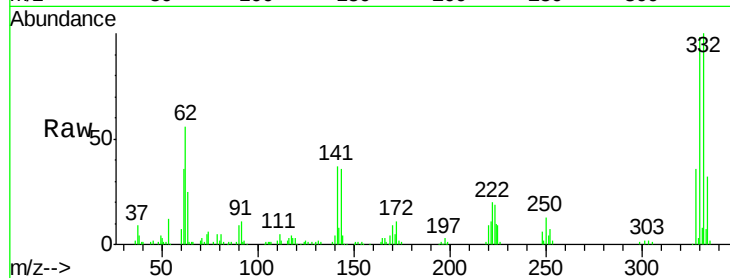
Time-->



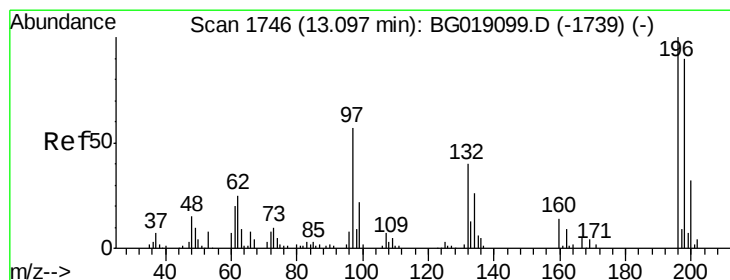
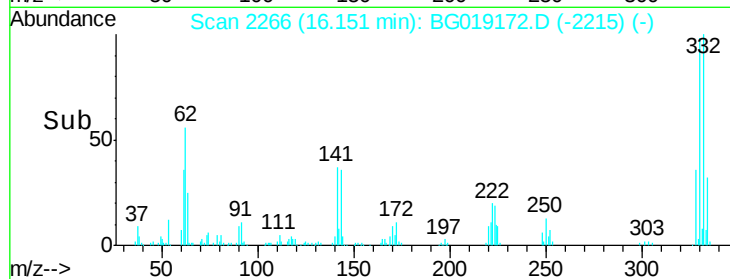
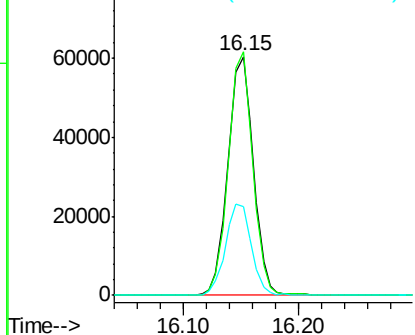
#41
 2,4,6-Tribromophenol
 Concen: 116.74 ng
 RT: 16.15 min Scan# 2266
 Delta R.T. -0.00 min
 Lab File: BG019172.D
 Acq: 13 Oct 2015 00:16

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL2015-02

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.2	77.3	115.9
141	38.6	30.7	46.1

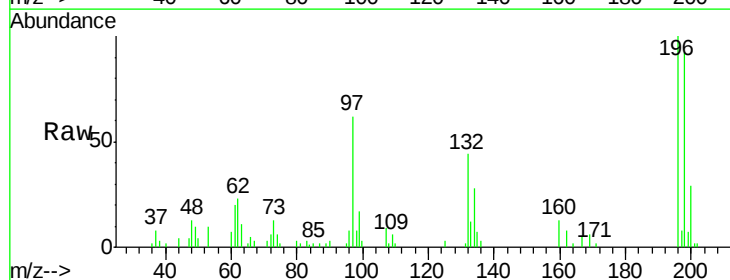


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

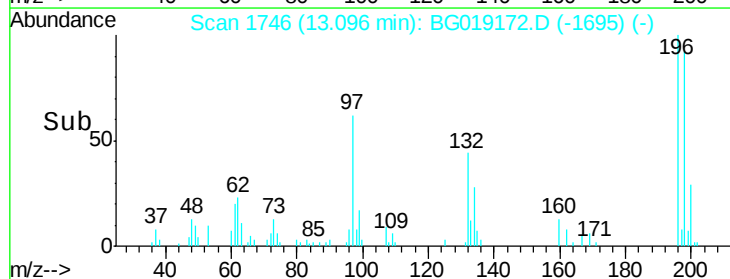
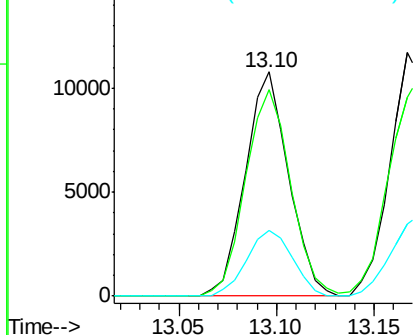


#42
 2,4,6-Trichlorophenol
 Concen: 14.22 ng
 RT: 13.10 min Scan# 1746
 Delta R.T. -0.00 min
 Lab File: BG019172.D
 Acq: 13 Oct 2015 00:16

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.2	72.0	108.0
200	29.4	25.5	38.3



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

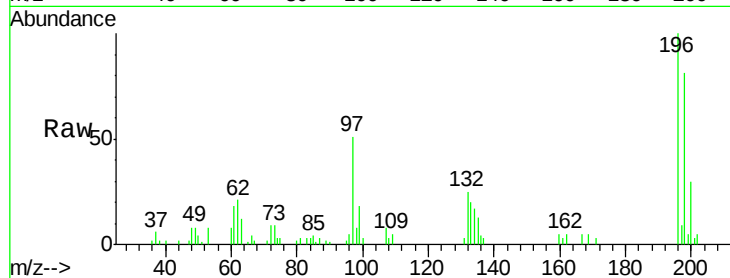




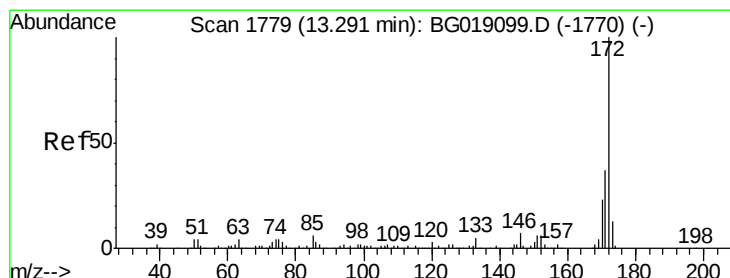
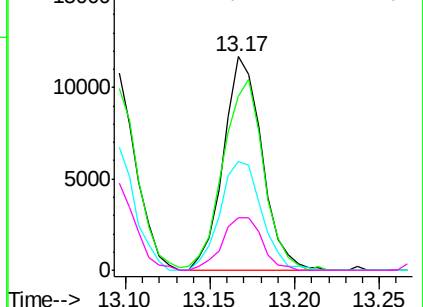
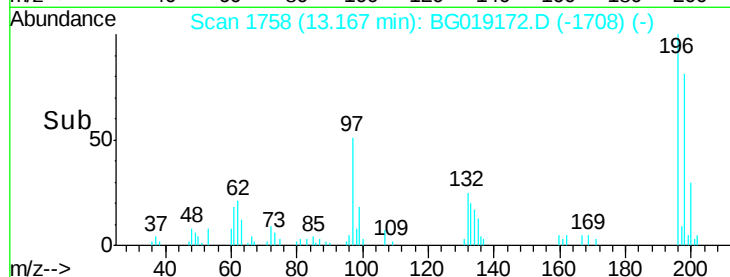
#43
 2,4,5-Trichlorophenol
 Concen: 15.03 ng
 RT: 13.17 min Scan# 1758
 Delta R.T. -0.01 min
 Lab File: BG019172.D
 Acq: 13 Oct 2015 00:16

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL2015-02

Tot Ion	Ratio	Lower	Upper
196	100		
198	81.5	77.7	116.5
97	50.8	41.4	62.2
132	24.8	20.6	30.8

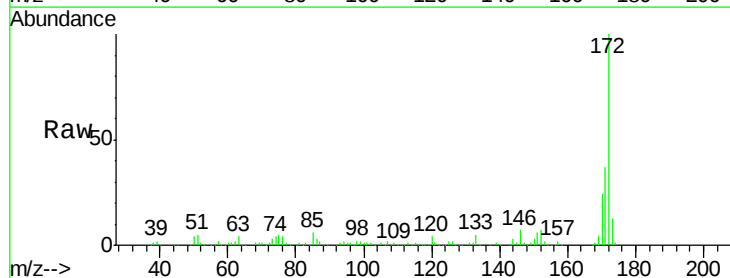


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

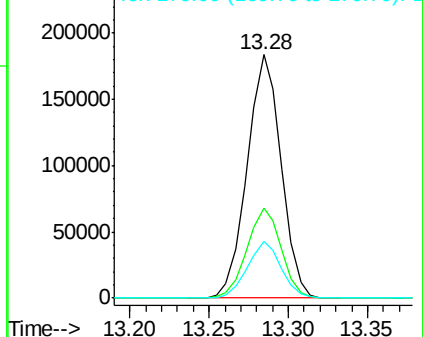
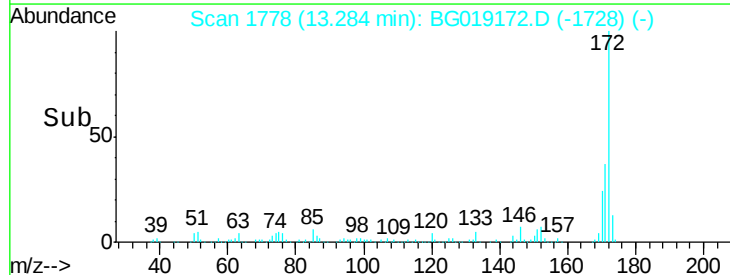


#44
 2-Fluorobiphenyl
 Concen: 72.02 ng
 RT: 13.28 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: BG019172.D
 Acq: 13 Oct 2015 00:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.9	44.9
170	23.6	18.6	27.8



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

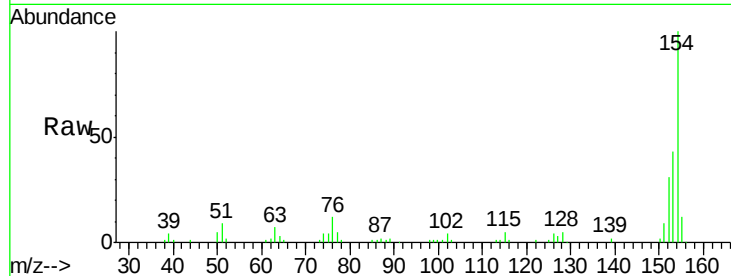




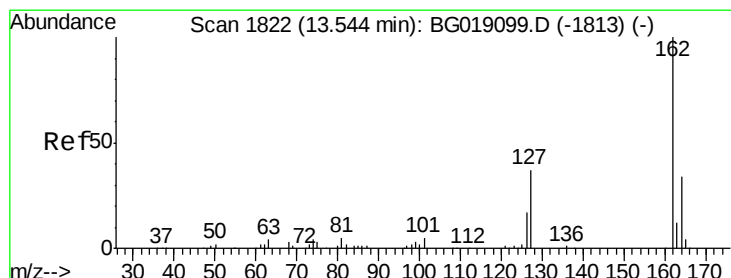
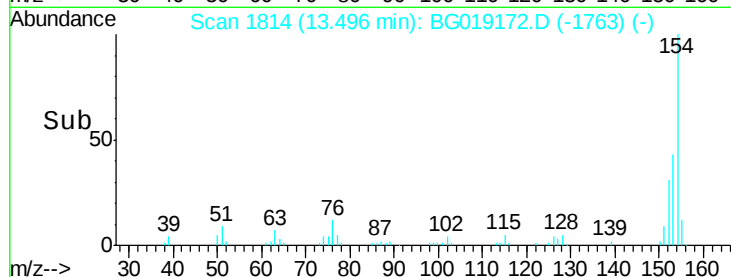
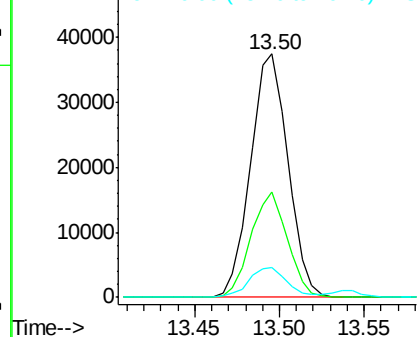
#45
 1,1'-Biphenyl
 Concen: 13.66 ng
 RT: 13.50 min Scan# 1814
 Delta R.T. -0.00 min
 Lab File: BG019172.D
 Acq: 13 Oct 2015 00:16

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL2015-02

Tot Ion	Ratio	Lower	Upper
154	100		
153	43.4	20.6	60.6
76	12.1	0.0	32.2

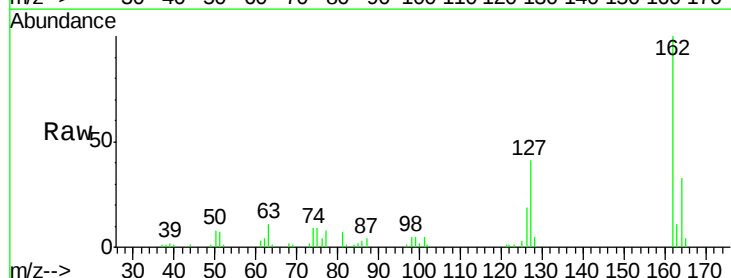


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

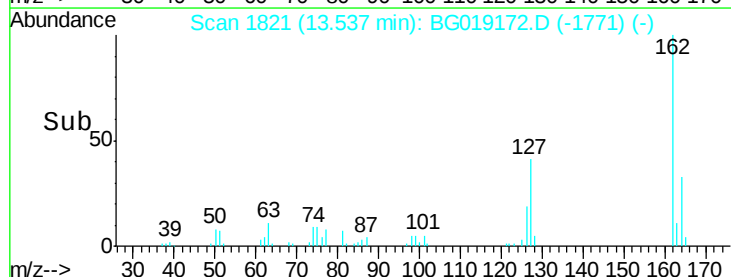
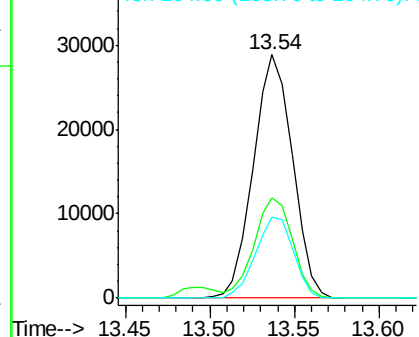


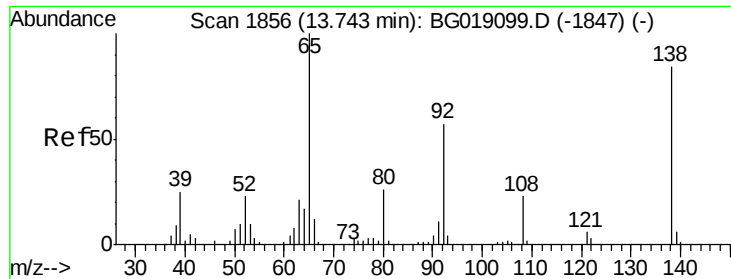
#46
 2-Chloronaphthalene
 Concen: 14.31 ng
 RT: 13.54 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: BG019172.D
 Acq: 13 Oct 2015 00:16

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.3	32.2	48.4
164	33.5	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

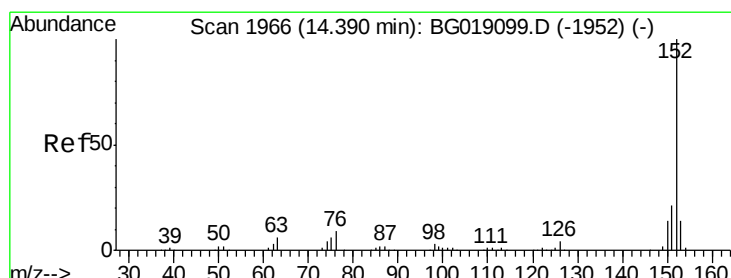
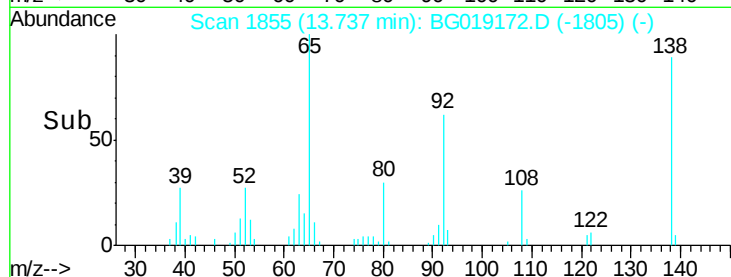
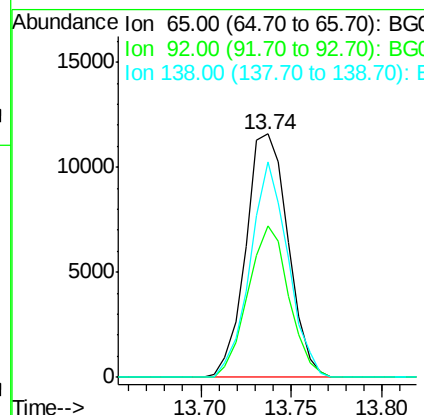
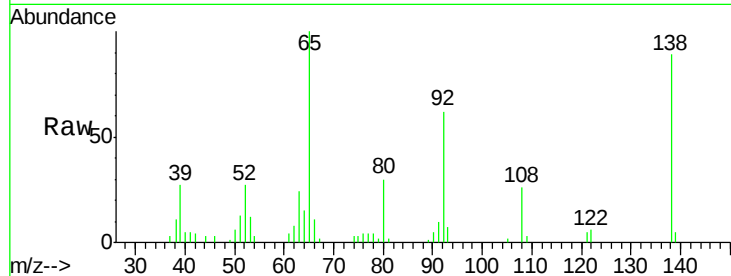




#47
2-Nitroaniline
Concen: 14.47 ng
RT: 13.74 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BG019172.D
Acq: 13 Oct 2015 00:16

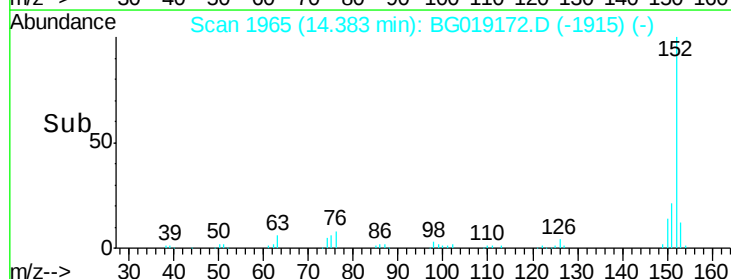
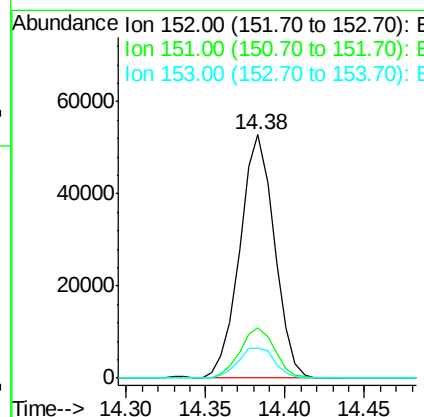
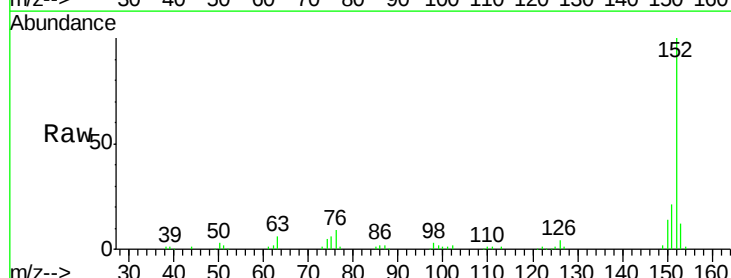
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL2015-02

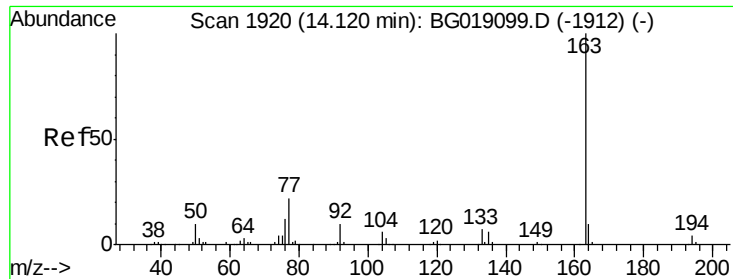
Tot Ion: 65 Resp: 18891
Ion Ratio Lower Upper
65 100
92 61.9 45.8 68.8
138 88.6 66.9 100.3



#48
Acenaphthylene
Concen: 14.00 ng
RT: 14.38 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BG019172.D
Acq: 13 Oct 2015 00:16

Tgt Ion: 152 Resp: 80255
Ion Ratio Lower Upper
152 100
151 20.8 16.8 25.2
153 12.3 11.0 16.4





#49

Dimethylphthalate

Concen: 13.82 ng

RT: 14.11 min Scan# 1919

Delta R.T. -0.01 min

Lab File: BG019172.D

Acq: 13 Oct 2015 00:16

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL2015-02

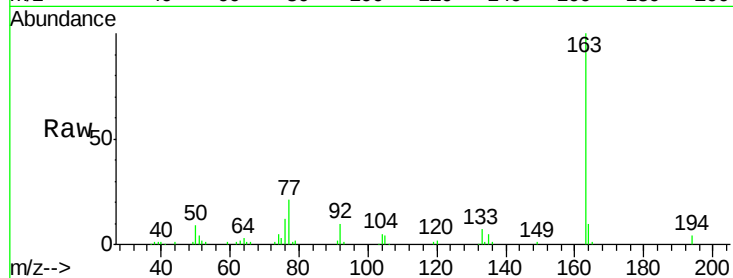
Tot Ion:163 Resp: 63495

Ion Ratio Lower Upper

163 100

194 3.6 3.2 4.8

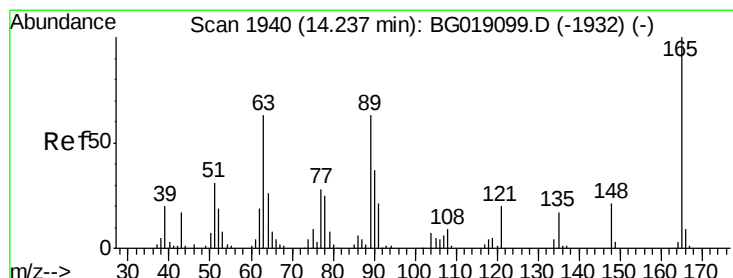
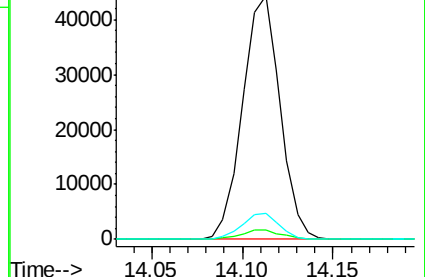
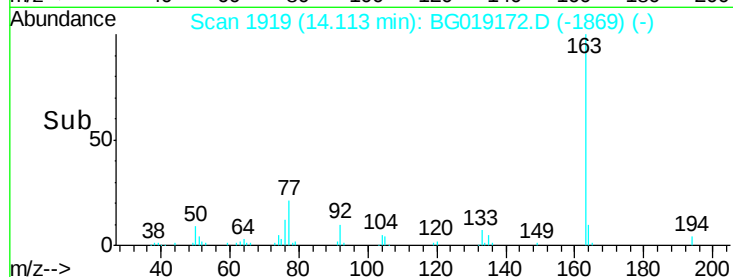
164 10.5 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 14.17 ng

RT: 14.23 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BG019172.D

Acq: 13 Oct 2015 00:16

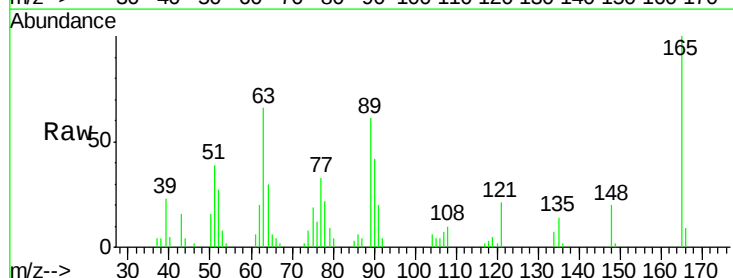
Tgt Ion:165 Resp: 13909

Ion Ratio Lower Upper

165 100

63 65.8 52.6 78.8

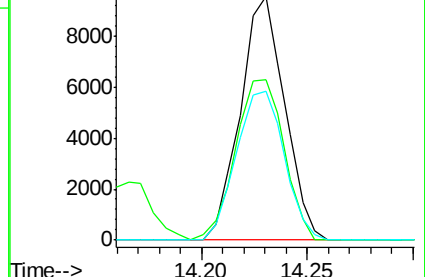
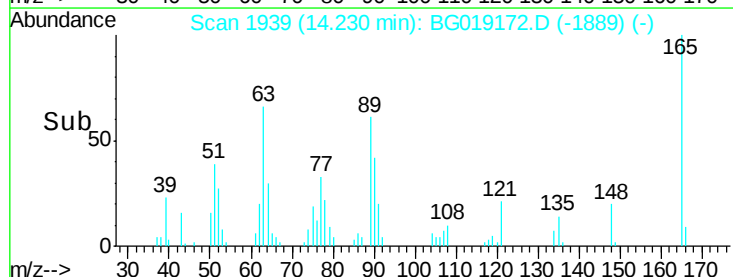
89 61.2 50.6 76.0



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 13.94 ng

RT: 14.72 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BG019172.D

Acq: 13 Oct 2015 00:16

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL2015-02

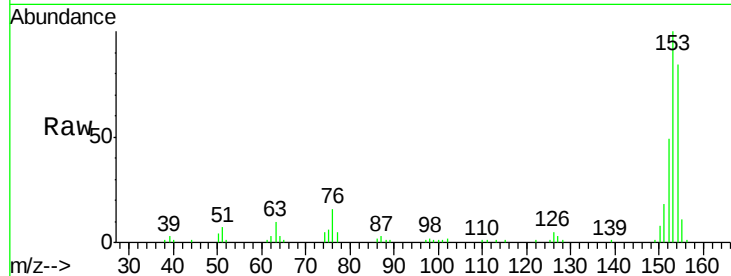
Tot Ion:154 Resp: 48078

Ion Ratio Lower Upper

154 100

153 118.9 93.4 140.2

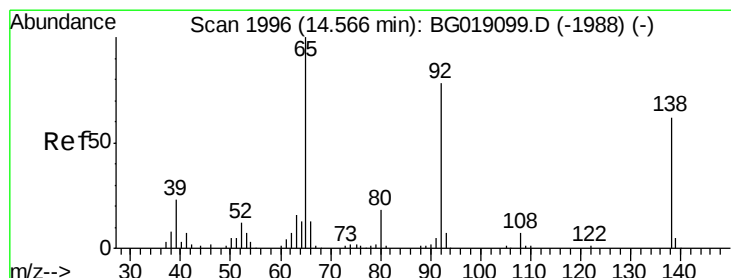
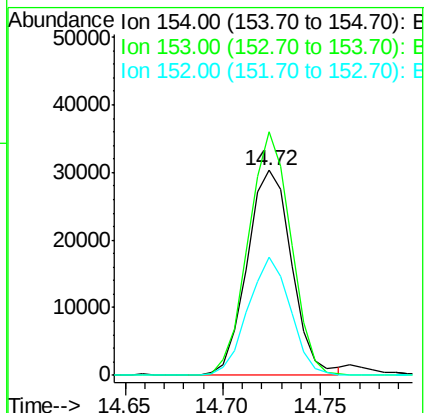
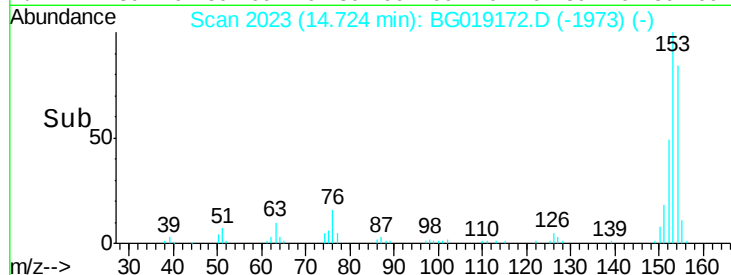
152 57.9 44.9 67.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 11.13 ng

RT: 14.56 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BG019172.D

Acq: 13 Oct 2015 00:16

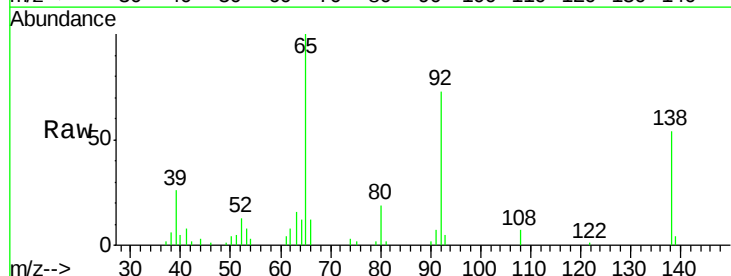
Tgt Ion:138 Resp: 12061

Ion Ratio Lower Upper

138 100

108 13.4 8.6 13.0#

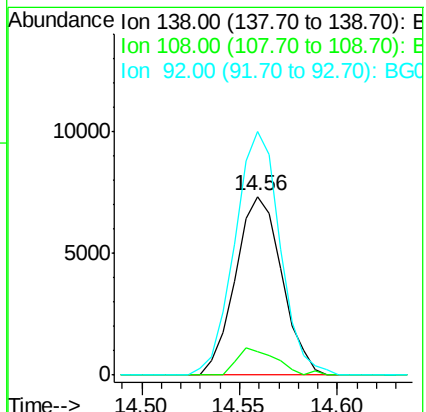
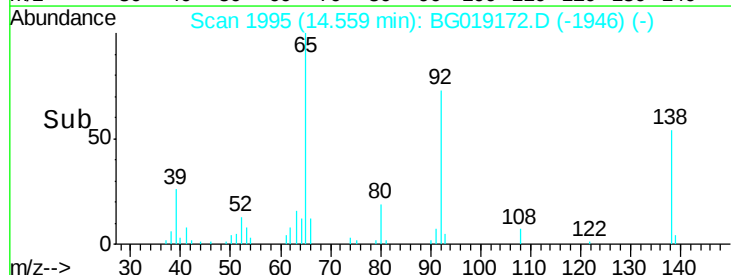
92 136.2 101.4 152.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

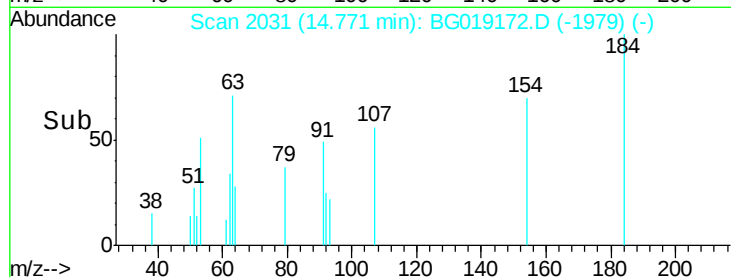
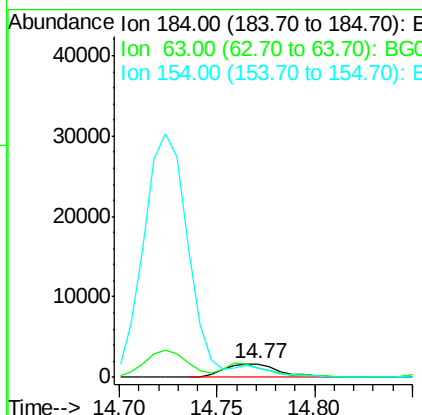
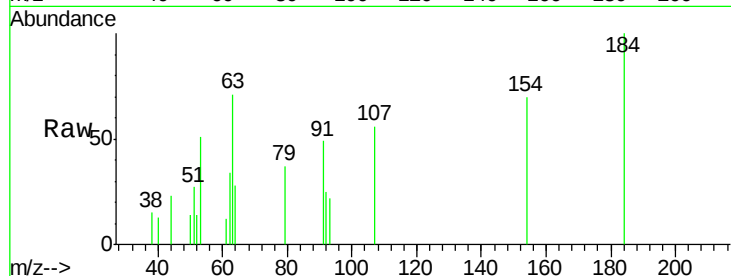




#53
2,4-Dinitrophenol
Concen: 9.48 ng
RT: 14.77 min Scan# 2031
Delta R.T. 0.00 min
Lab File: BG019172.D
Acq: 13 Oct 2015 00:16

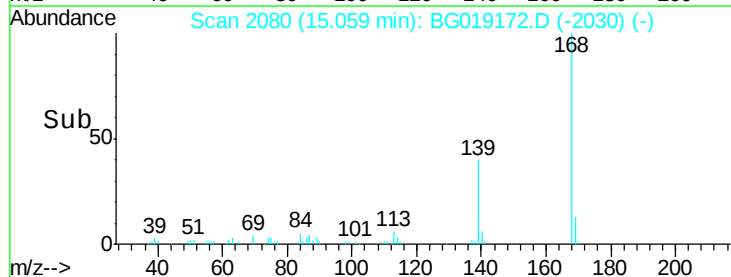
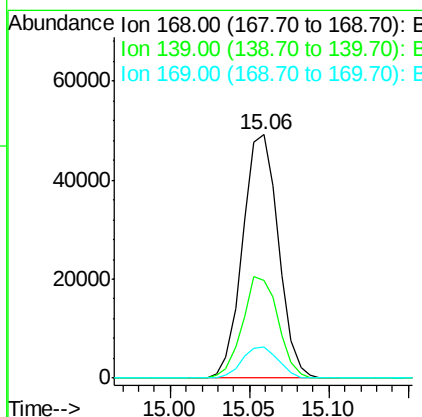
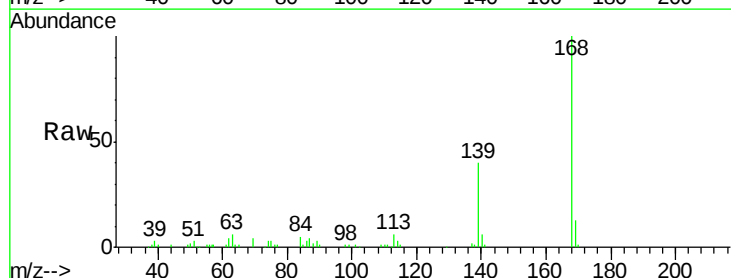
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL2015-02

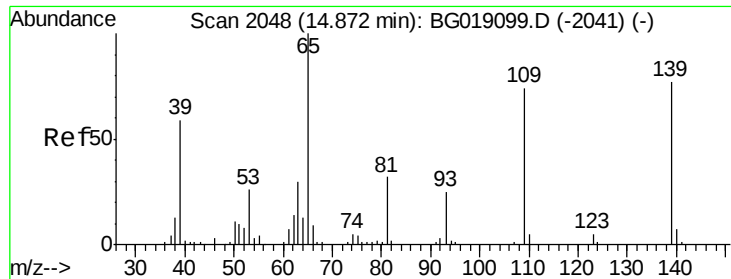
Tot Ion:184 Resp: 3173
Ion Ratio Lower Upper
184 100
63 70.9 67.5 101.3
154 69.5 62.4 93.6



#54
Dibenzofuran
Concen: 15.15 ng
RT: 15.06 min Scan# 2080
Delta R.T. -0.01 min
Lab File: BG019172.D
Acq: 13 Oct 2015 00:16

Tgt Ion:168 Resp: 77198
Ion Ratio Lower Upper
168 100
139 40.1 34.2 51.4
169 12.9 11.4 17.0





#55

4-Nitrophenol

Concen: 12.87 ng

RT: 14.87 min Scan# 2048

Delta R.T. -0.01 min

Lab File: BG019172.D

Acq: 13 Oct 2015 00:16

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL2015-02

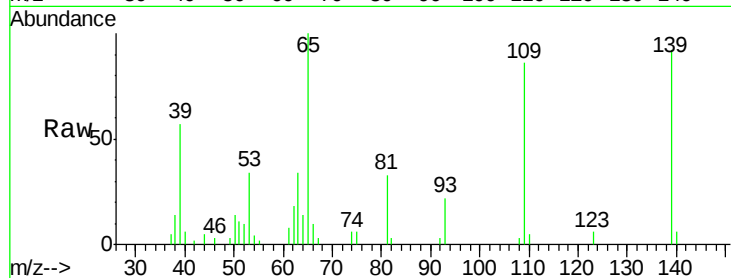
Tot Ion:139 Resp: 10551

Ion Ratio Lower Upper

139 100

109 94.3 76.8 116.8

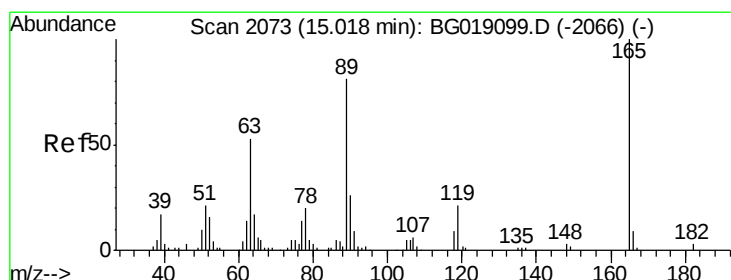
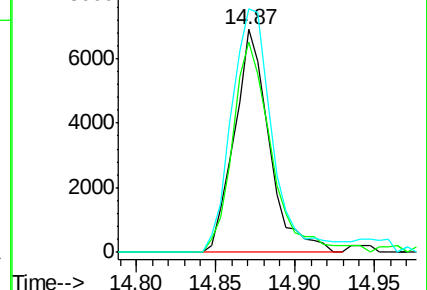
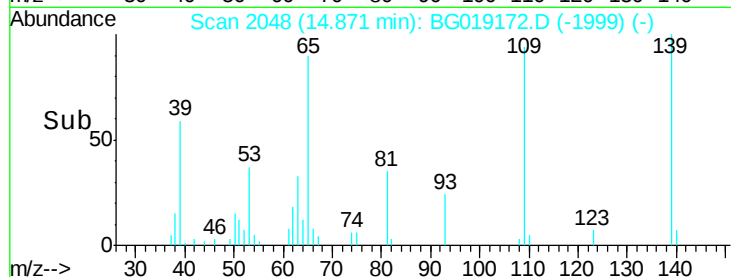
65 109.2 110.0 150.0#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 14.31 ng

RT: 15.02 min Scan# 2073

Delta R.T. -0.01 min

Lab File: BG019172.D

Acq: 13 Oct 2015 00:16

Tgt Ion:165 Resp: 20430

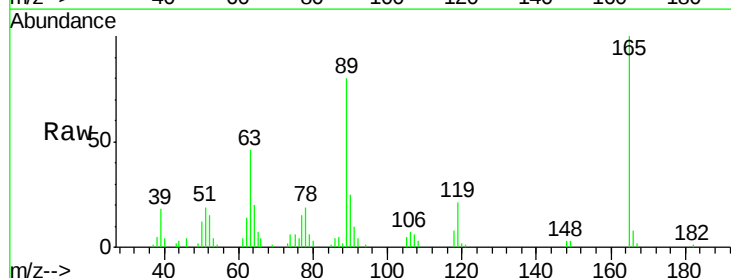
Ion Ratio Lower Upper

165 100

63 45.5 42.2 63.2

89 79.6 64.8 97.2

182 1.5 2.4 3.6#

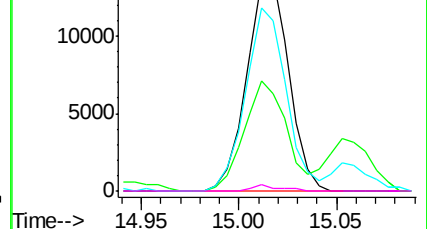
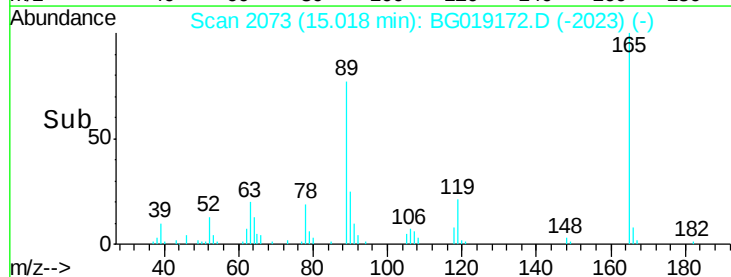


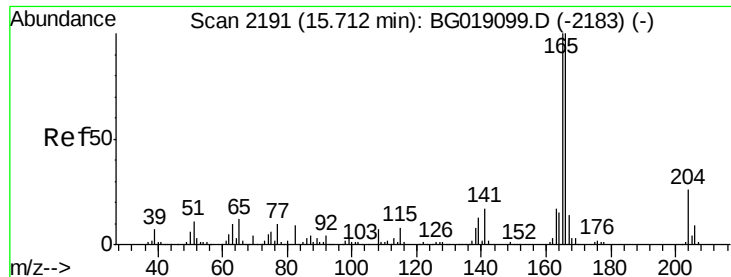
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E

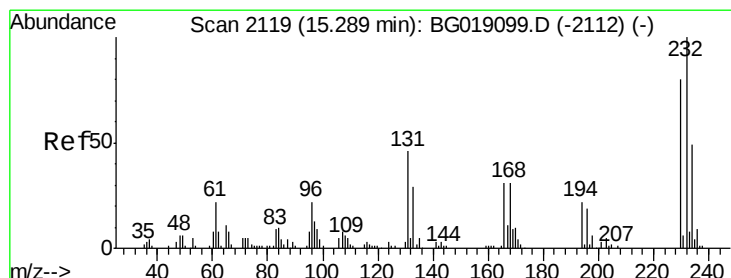
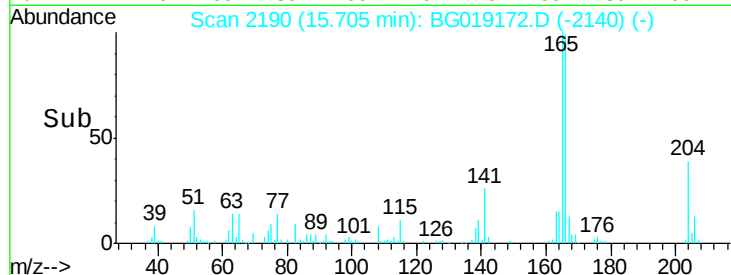
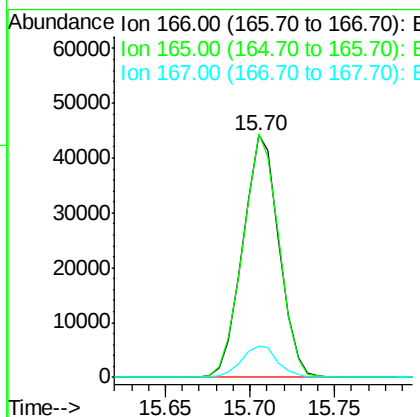
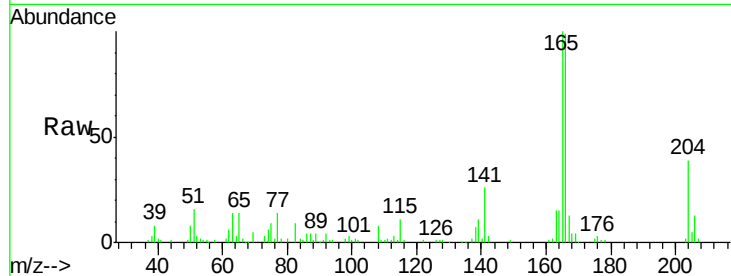




#57
 Fluorene
 Concen: 14.87 ng
 RT: 15.70 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG019172.D
 Acq: 13 Oct 2015 00:16

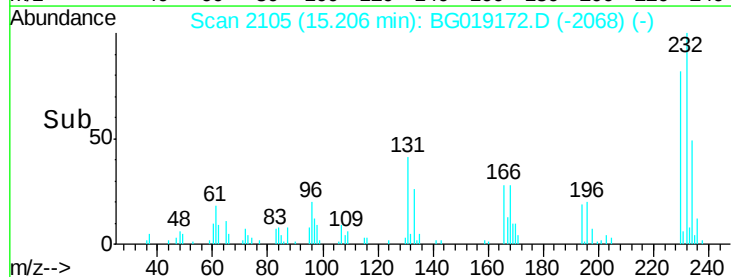
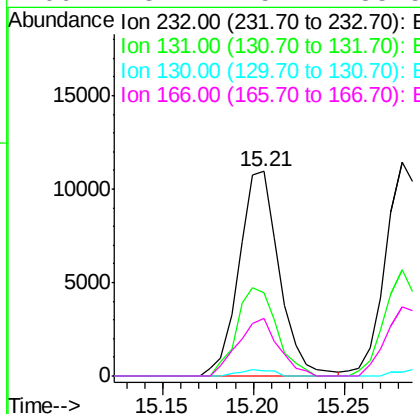
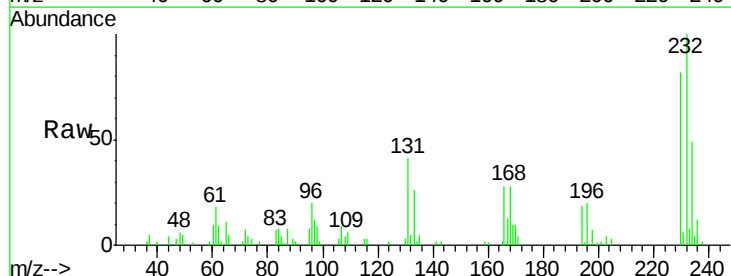
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL2015-02

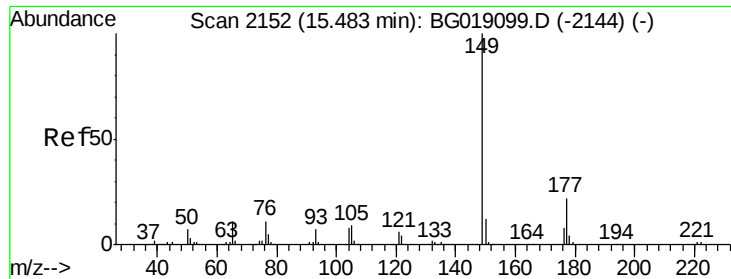
Tot Ion:166 Resp: 65722
 Ion Ratio Lower Upper
 166 100
 165 100.7 80.2 120.2
 167 12.9 11.4 17.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 14.38 ng
 RT: 15.21 min Scan# 2105
 Delta R.T. -0.08 min
 Lab File: BG019172.D
 Acq: 13 Oct 2015 00:16

Tgt Ion:232 Resp: 16837
 Ion Ratio Lower Upper
 232 100
 131 43.2 36.5 54.7
 130 2.7 2.3 3.5
 166 28.1 25.7 38.5

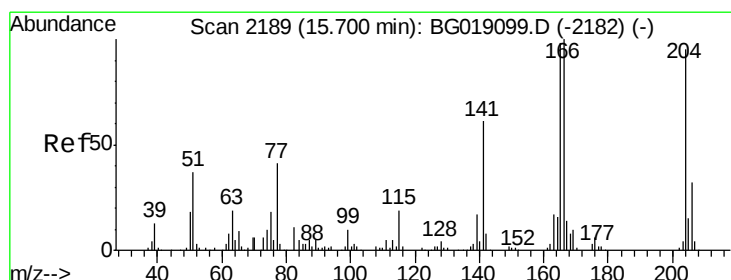
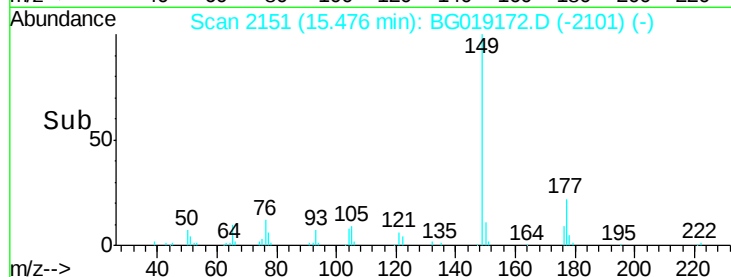
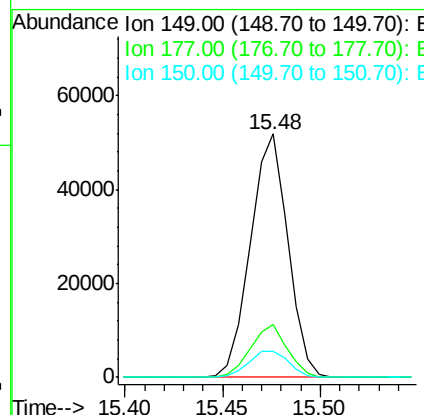
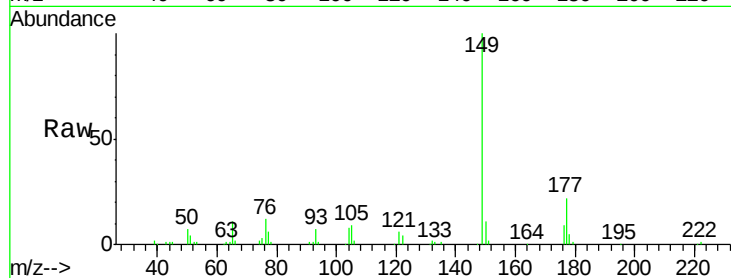




#59
Diethylphthalate
Concen: 14.38 ng
RT: 15.48 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BG019172.D
Acq: 13 Oct 2015 00:16

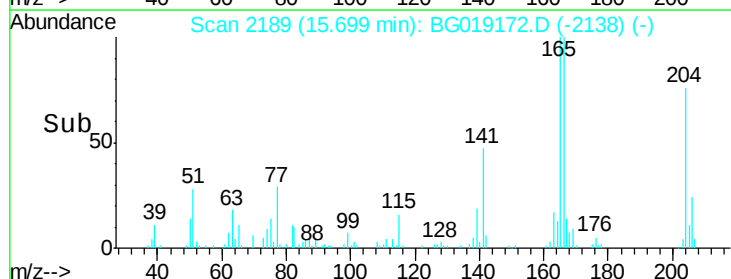
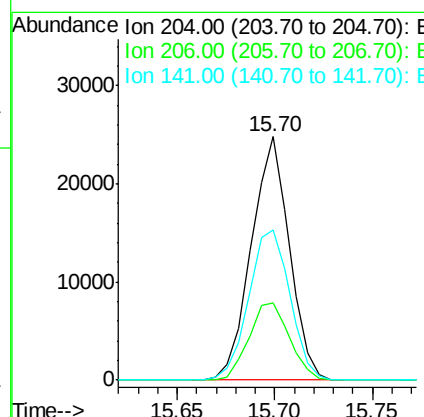
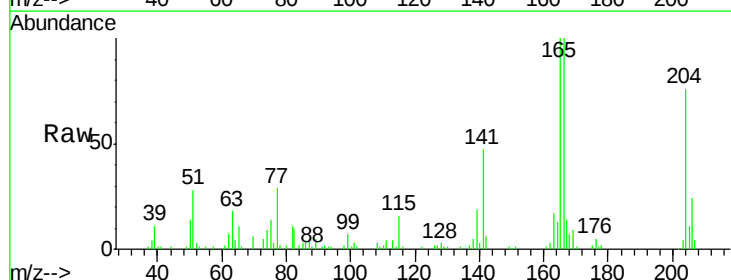
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL2015-02

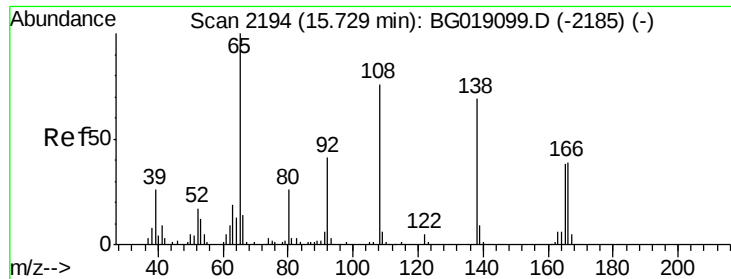
Tot Ion:149 Resp: 68621
Ion Ratio Lower Upper
149 100
177 21.9 17.7 26.5
150 10.8 9.4 14.2



#60
4-Chlorophenyl-phenylether
Concen: 14.83 ng
RT: 15.70 min Scan# 2189
Delta R.T. -0.00 min
Lab File: BG019172.D
Acq: 13 Oct 2015 00:16

Tgt Ion:204 Resp: 33395
Ion Ratio Lower Upper
204 100
206 31.6 27.0 40.4
141 61.6 51.9 77.9

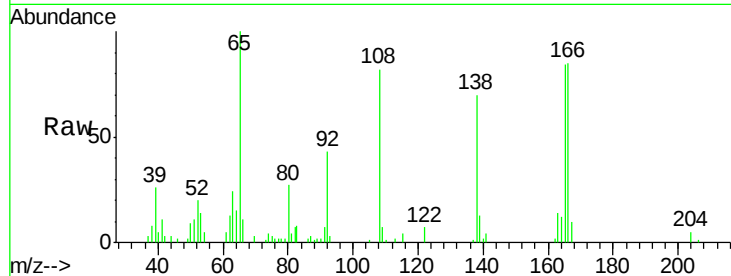




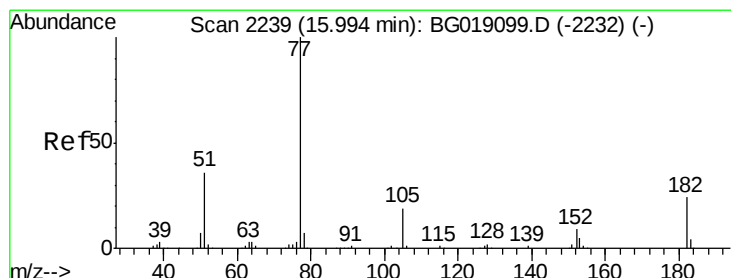
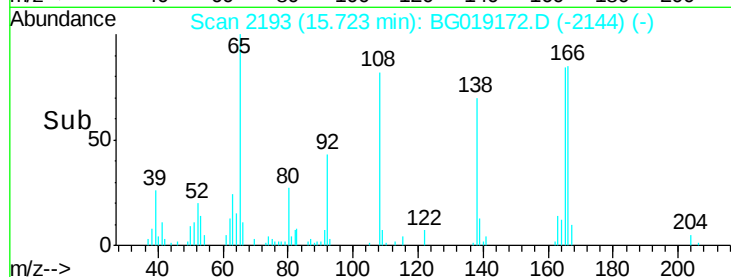
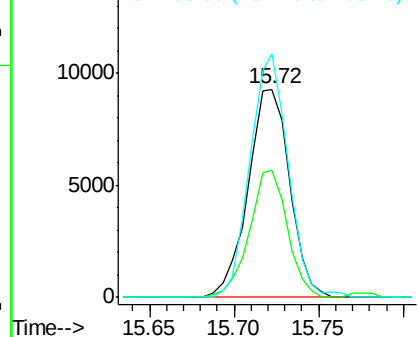
#61
4-Nitroaniline
Concen: 13.55 ng
RT: 15.72 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BG019172.D
Acq: 13 Oct 2015 00:16

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL2015-02

Tot Ion:138 Resp: 15950
Ion Ratio Lower Upper
138 100
92 61.0 39.0 79.0
108 116.9 90.8 130.8

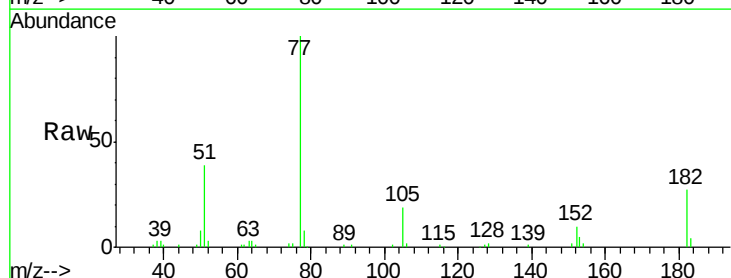


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BGC
Ion 108.00 (107.70 to 108.70): E

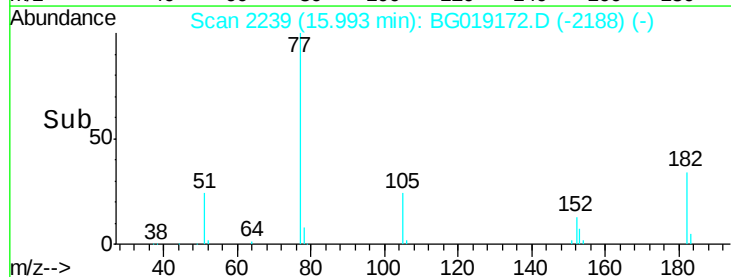
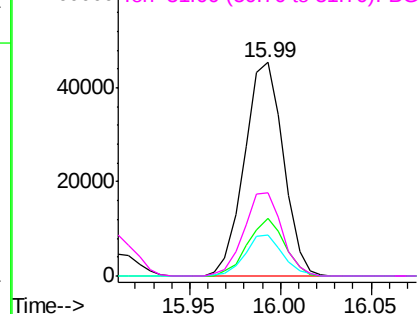


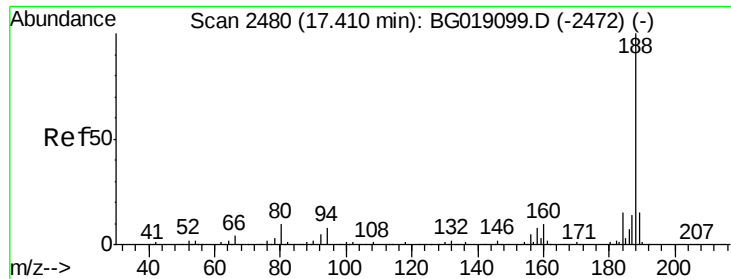
#62
Azobenzene
Concen: 15.24 ng
RT: 15.99 min Scan# 2239
Delta R.T. -0.00 min
Lab File: BG019172.D
Acq: 13 Oct 2015 00:16

Tgt Ion: 77 Resp: 67468
Ion Ratio Lower Upper
77 100
182 26.8 4.4 44.4
105 19.3 0.0 39.1
51 39.1 15.9 55.9



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BGC

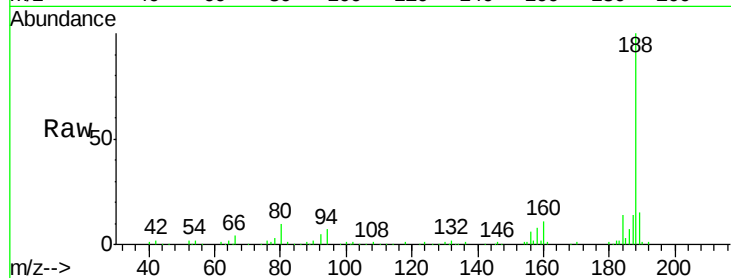




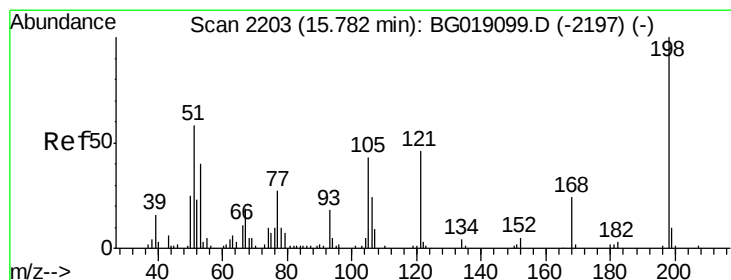
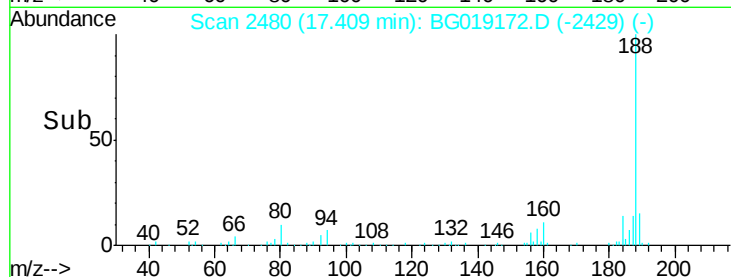
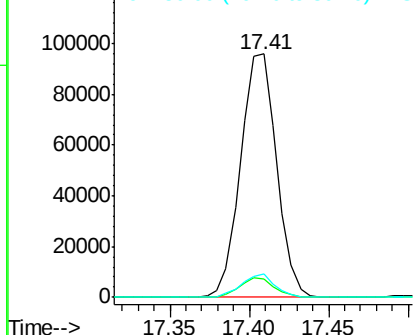
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.41 min Scan# 2480
Delta R.T. -0.00 min
Lab File: BG019172.D
Acq: 13 Oct 2015 00:16

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL2015-02

Tot Ion:188 Resp: 150970
Ion Ratio Lower Upper
188 100
94 7.4 6.4 9.6
80 9.6 7.6 11.4

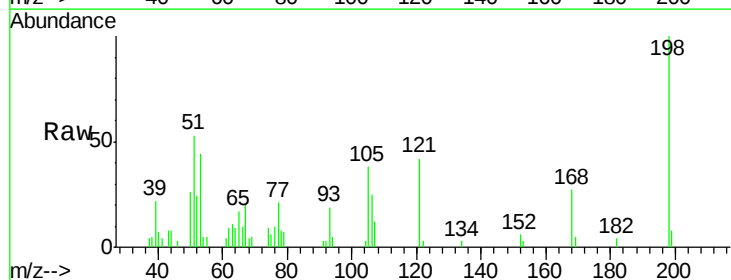


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

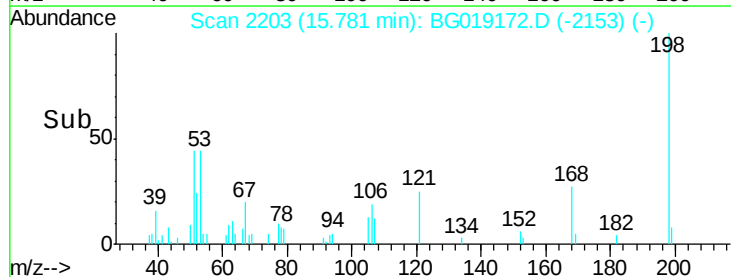
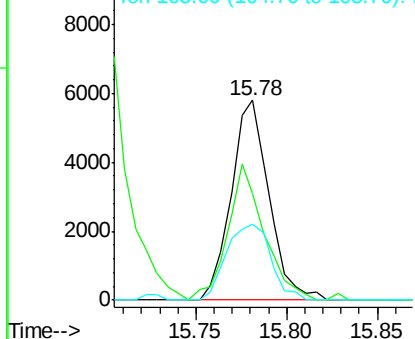


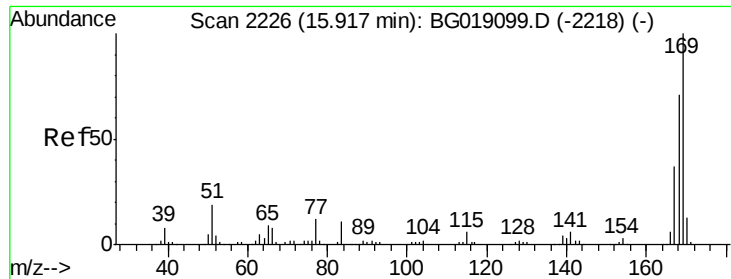
#64
4,6-Dinitro-2-methylphenol
Concen: 10.17 ng
RT: 15.78 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BG019172.D
Acq: 13 Oct 2015 00:16

Tgt Ion:198 Resp: 8382
Ion Ratio Lower Upper
198 100
51 53.1 40.1 80.1
105 38.2 23.4 63.4



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

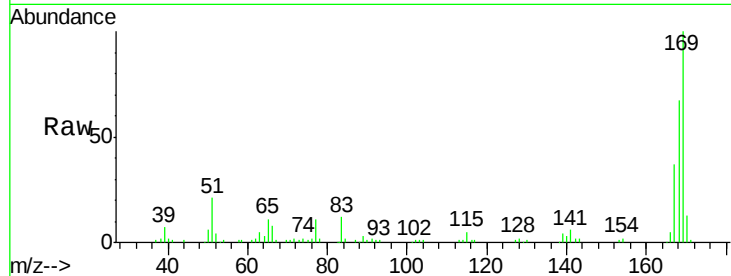




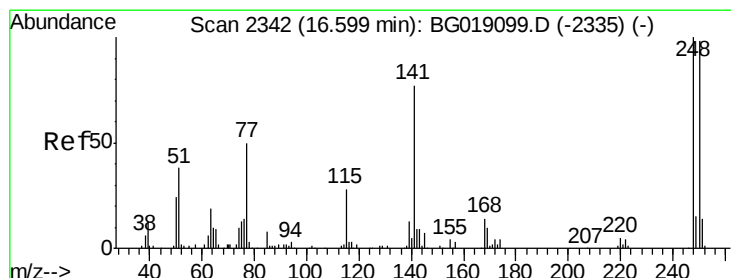
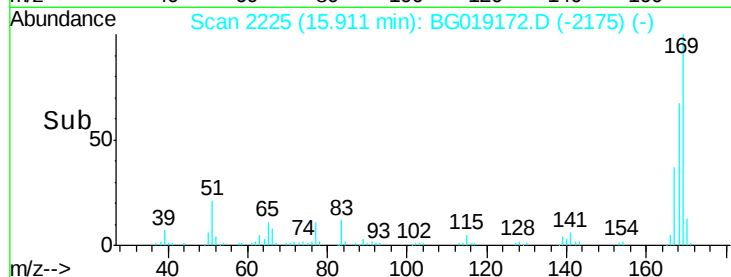
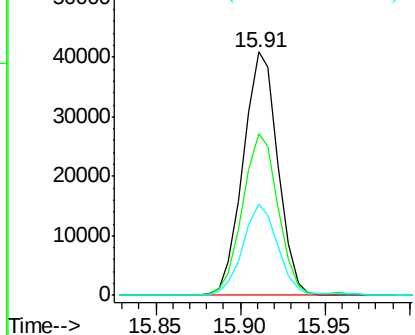
#65
n-Nitrosodiphenylamine
Concen: 14.04 ng
RT: 15.91 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BG019172.D
Acq: 13 Oct 2015 00:16

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL2015-02

Tot Ion:169 Resp: 58568
Ion Ratio Lower Upper
169 100
168 66.7 56.6 84.8
167 37.4 30.0 45.0

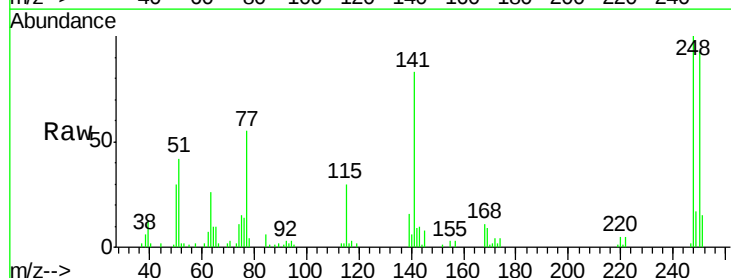


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

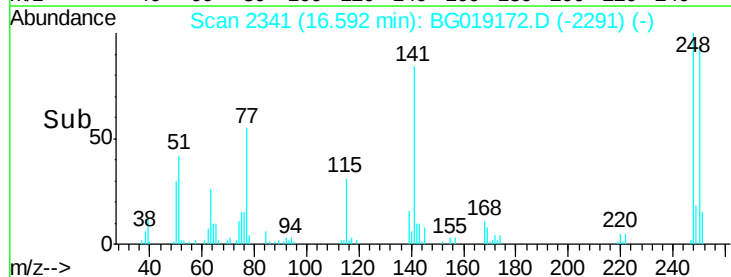
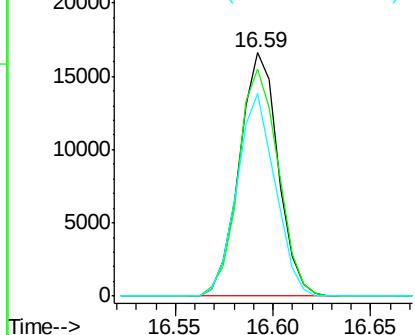


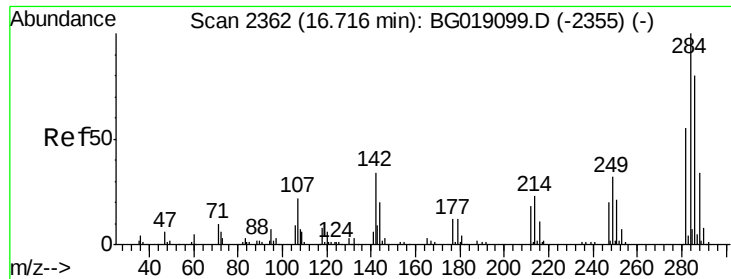
#66
4-Bromophenyl-phenylether
Concen: 14.92 ng
RT: 16.59 min Scan# 2341
Delta R.T. -0.01 min
Lab File: BG019172.D
Acq: 13 Oct 2015 00:16

Tgt Ion:248 Resp: 22887
Ion Ratio Lower Upper
248 100
250 93.2 78.4 117.6
141 83.4 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: 14.66 ng

RT: 16.72 min Scan# 2362

Delta R.T. -0.00 min

Lab File: BG019172.D

Acq: 13 Oct 2015 00:16

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL2015-02

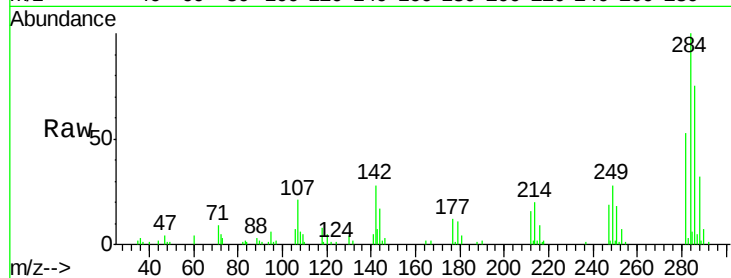
Tot Ion:284 Resp: 26413

Ion	Ratio	Lower	Upper
284	100		
142	27.6	27.0	40.4
249	27.9	25.4	38.2

284 100

142 27.6 27.0 40.4

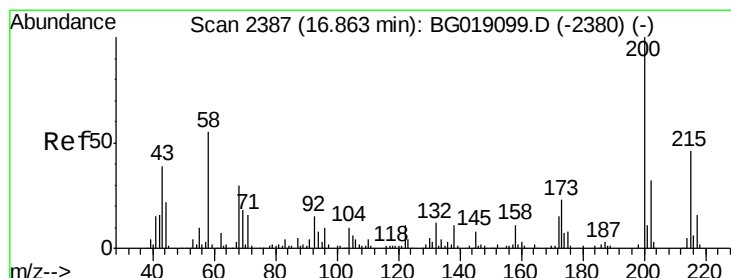
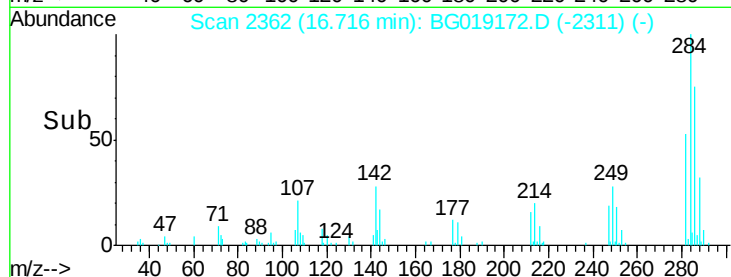
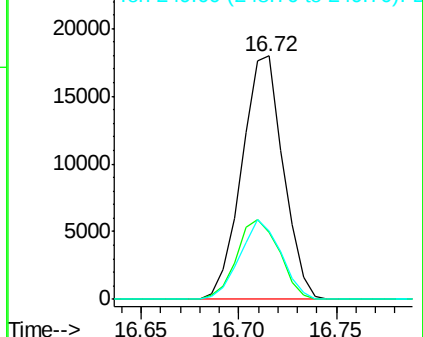
249 27.9 25.4 38.2



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: 14.50 ng

RT: 16.86 min Scan# 2386

Delta R.T. -0.01 min

Lab File: BG019172.D

Acq: 13 Oct 2015 00:16

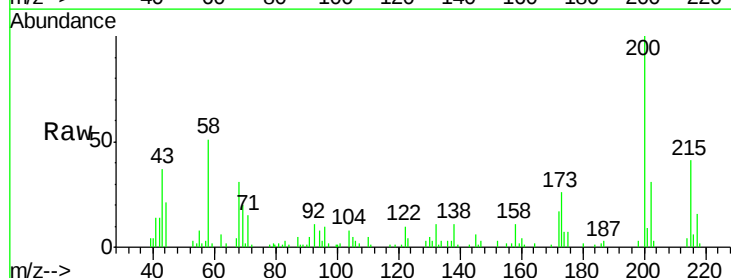
Tgt Ion:200 Resp: 24922

Ion	Ratio	Lower	Upper
200	100		
173	25.5	3.3	43.3
215	40.6	26.4	66.4

200 100

173 25.5 3.3 43.3

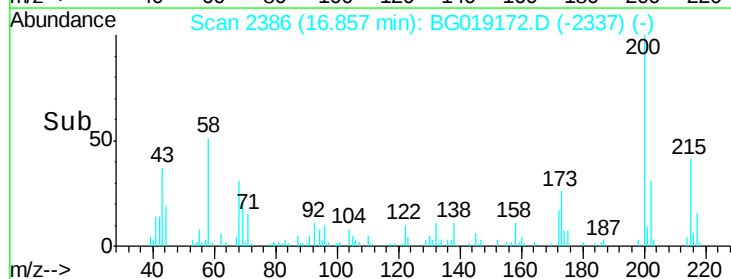
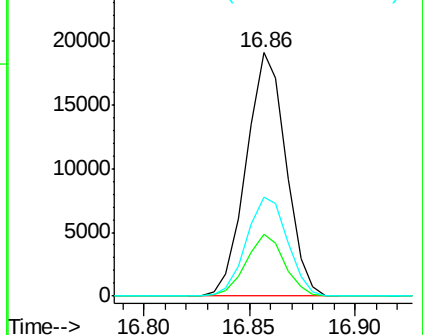
215 40.6 26.4 66.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

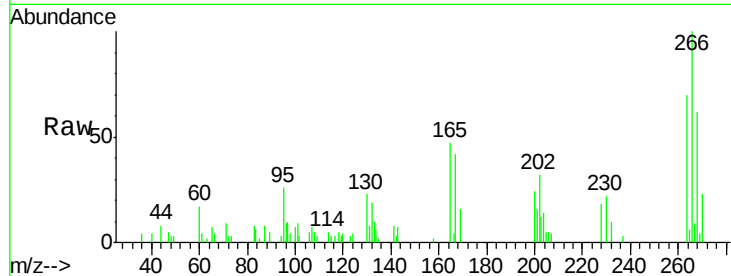




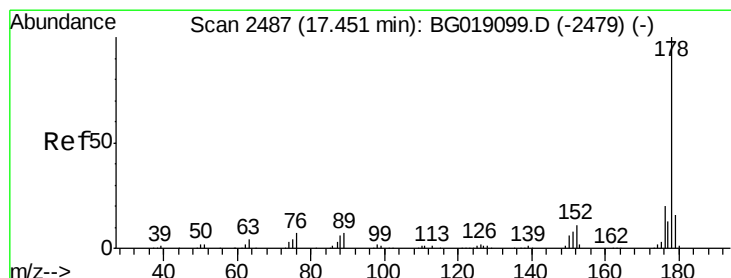
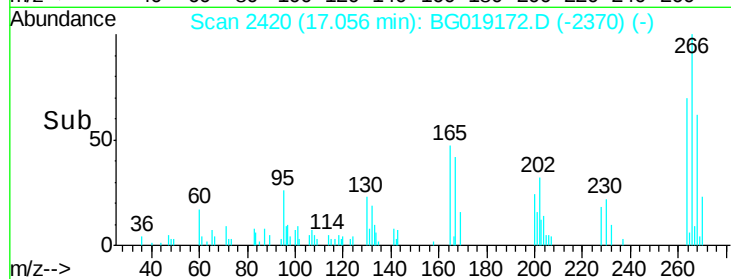
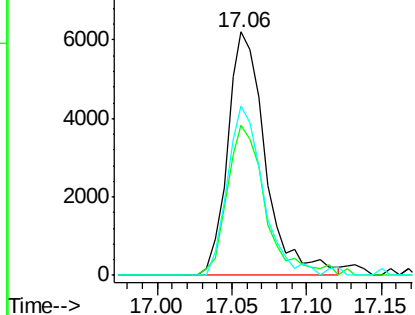
#69
 Pentachlorophenol
 Concen: 11.72 ng
 RT: 17.06 min Scan# 2420
 Delta R.T. -0.01 min
 Lab File: BG019172.D
 Acq: 13 Oct 2015 00:16

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL2015-02

Tot Ion:266 Resp: 11008
 Ion Ratio Lower Upper
 266 100
 268 61.8 53.0 79.4
 264 69.6 50.1 75.1

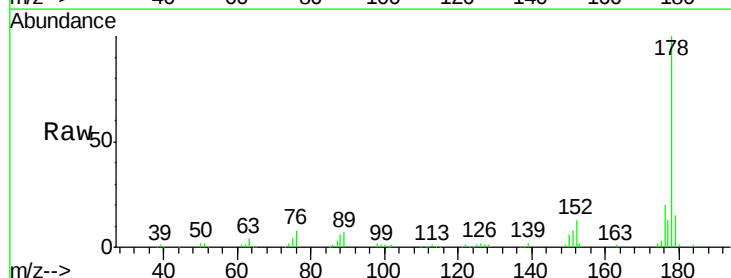


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

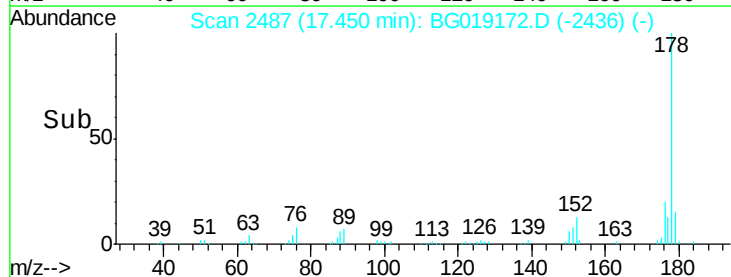
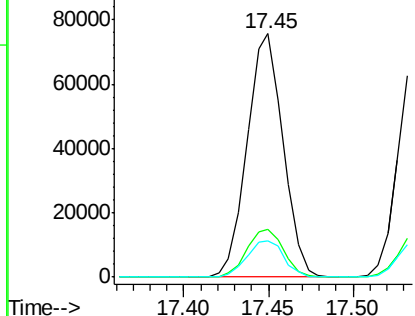


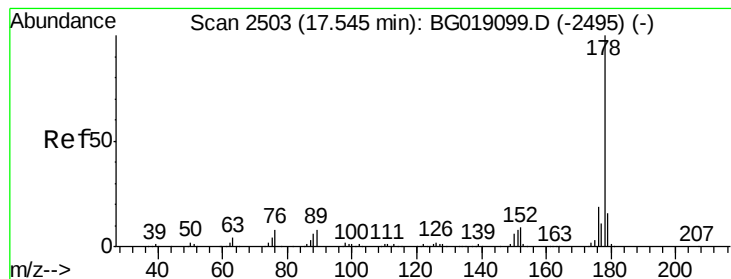
#70
 Phenanthrene
 Concen: 14.38 ng
 RT: 17.45 min Scan# 2487
 Delta R.T. -0.00 min
 Lab File: BG019172.D
 Acq: 13 Oct 2015 00:16

Tgt Ion:178 Resp: 111746
 Ion Ratio Lower Upper
 178 100
 176 19.5 16.3 24.5
 179 14.9 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: 14.74 ng

RT: 17.54 min Scan# 2502

Delta R.T. -0.01 min

Lab File: BG019172.D

Acq: 13 Oct 2015 00:16

Instrument :

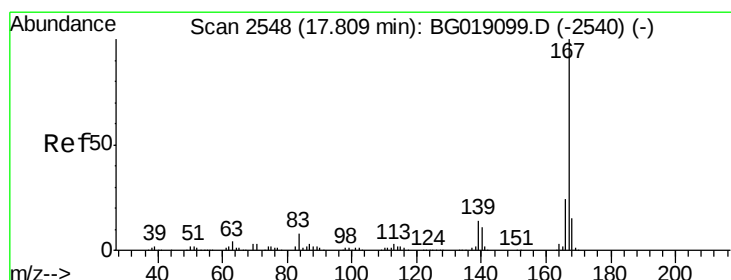
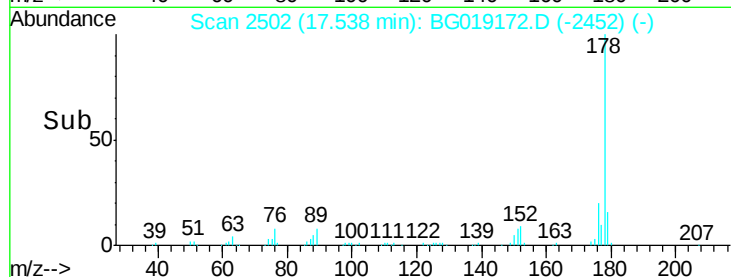
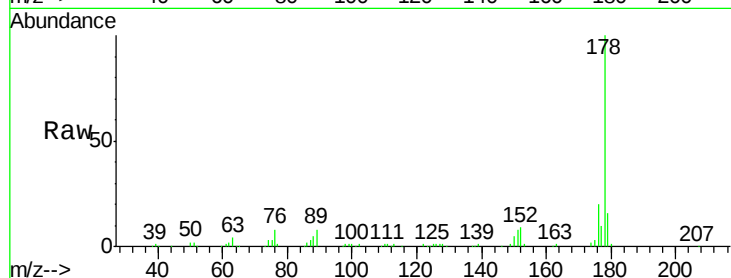
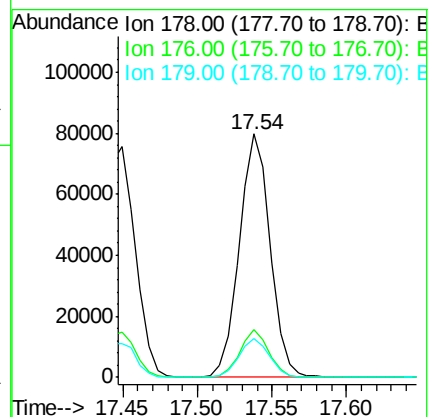
BNA_G

ClientSampleId :

LOQ-SOIL2015-02

Tot Ion:178 Resp: 114572

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.5	23.3
179	15.9	12.9	19.3



#72

Carbazole

Concen: 13.92 ng

RT: 17.81 min Scan# 2548

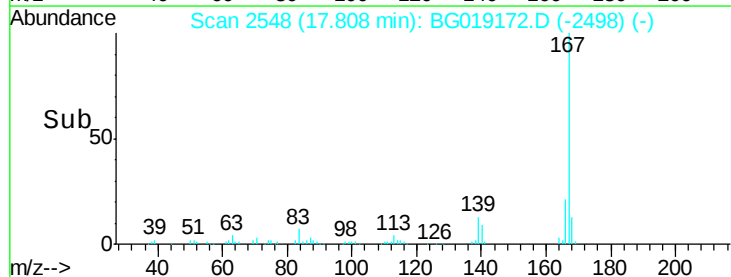
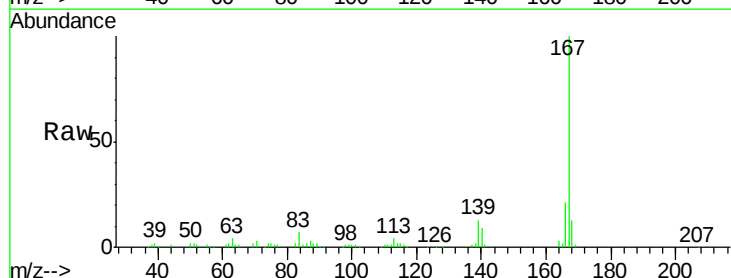
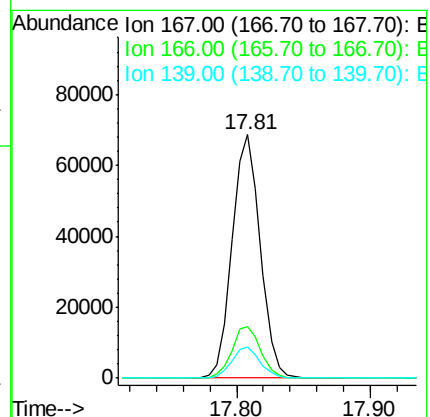
Delta R.T. -0.01 min

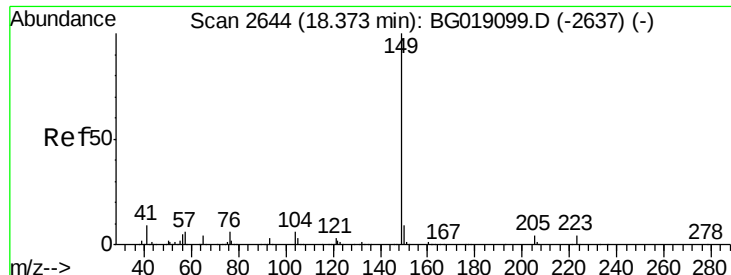
Lab File: BG019172.D

Acq: 13 Oct 2015 00:16

Tgt Ion:167 Resp: 101263

Ion	Ratio	Lower	Upper
167	100		
166	21.2	19.1	28.7
139	12.8	11.2	16.8

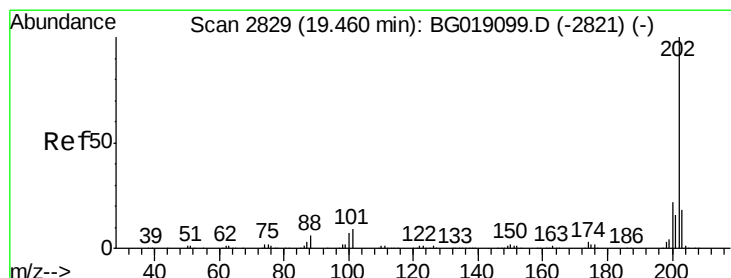
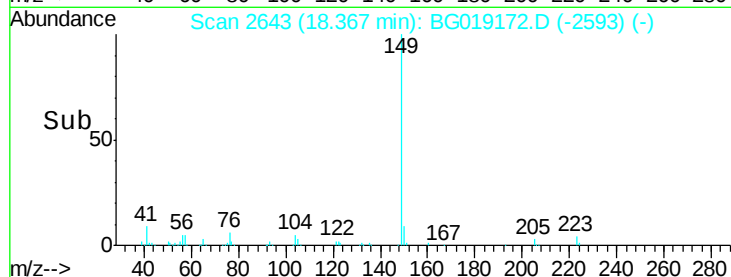
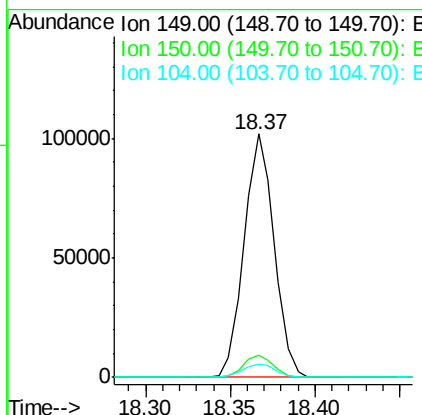
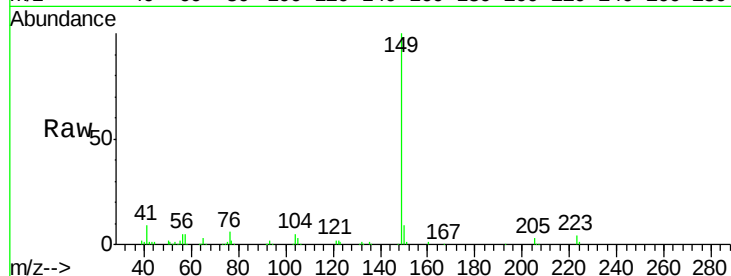




#73
Di-n-butylphthalate
Concen: 14.15 ng
RT: 18.37 min Scan# 2643
Delta R.T. -0.01 min
Lab File: BG019172.D
Acq: 13 Oct 2015 00:16

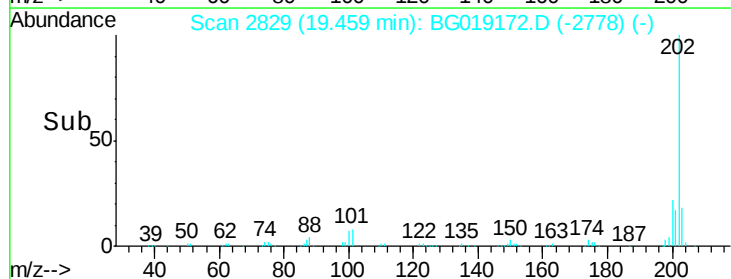
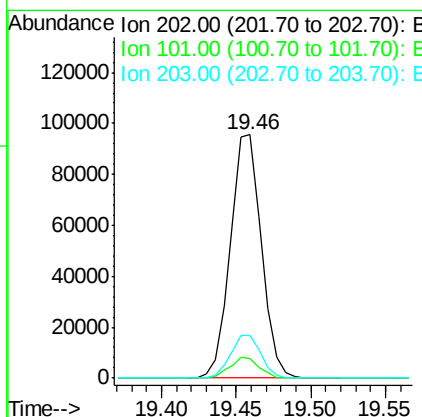
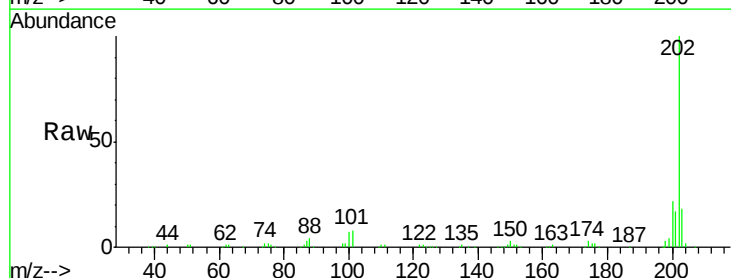
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL2015-02

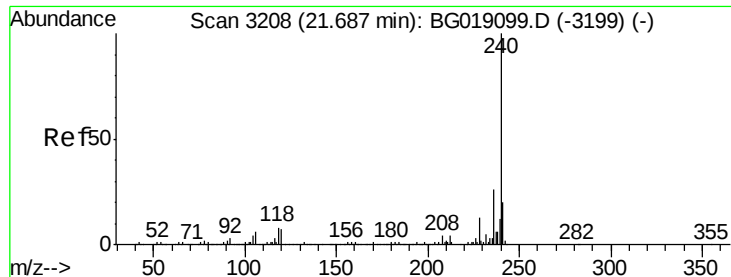
Tot Ion:149 Resp: 126095
Ion Ratio Lower Upper
149 100
150 9.2 7.5 11.3
104 5.5 5.0 7.6



#74
Fluoranthene
Concen: 13.92 ng
RT: 19.46 min Scan# 2829
Delta R.T. -0.00 min
Lab File: BG019172.D
Acq: 13 Oct 2015 00:16

Tgt Ion:202 Resp: 139120
Ion Ratio Lower Upper
202 100
101 8.0 0.0 28.9
203 17.8 0.0 38.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.68 min Scan# 3207

Delta R.T. -0.01 min

Lab File: BG019172.D

Acq: 13 Oct 2015 00:16

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL2015-02

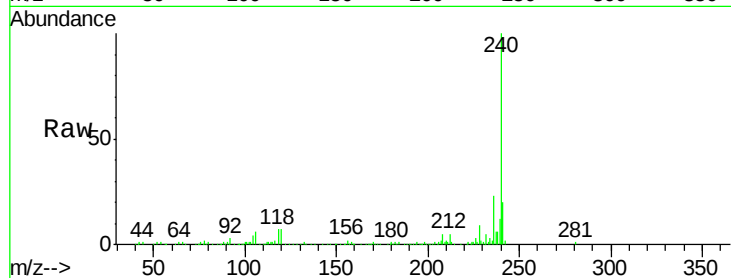
Tot Ion:240 Resp: 177509

Ion Ratio Lower Upper

240 100

120 7.3 5.8 8.6

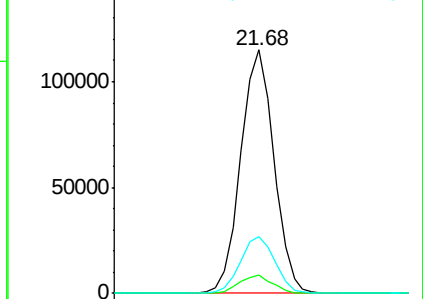
236 23.5 21.2 31.8



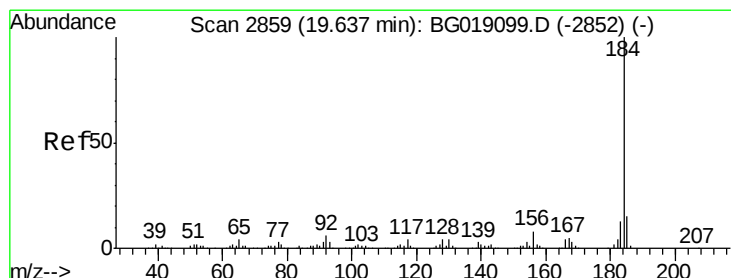
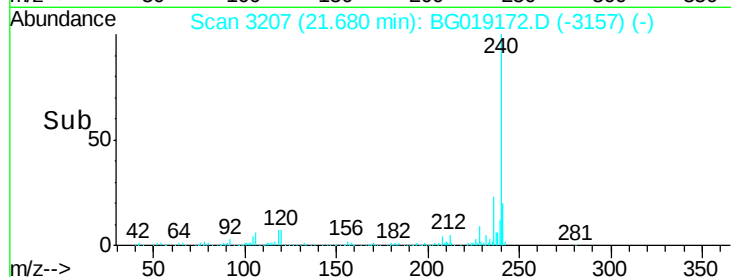
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#76

Benzidine

Concen: 4.58 ng

RT: 19.64 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG019172.D

Acq: 13 Oct 2015 00:16

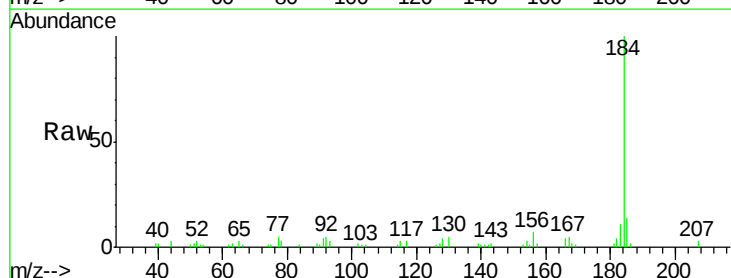
Tgt Ion:184 Resp: 20875

Ion Ratio Lower Upper

184 100

185 13.6 11.9 17.9

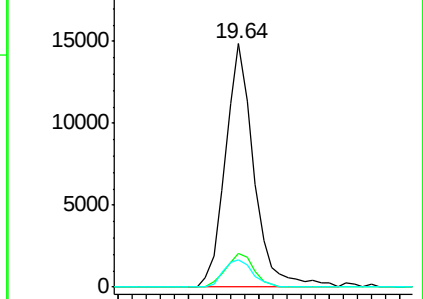
183 11.2 10.1 15.1



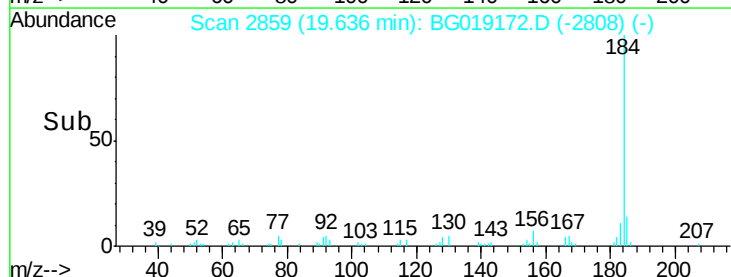
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->

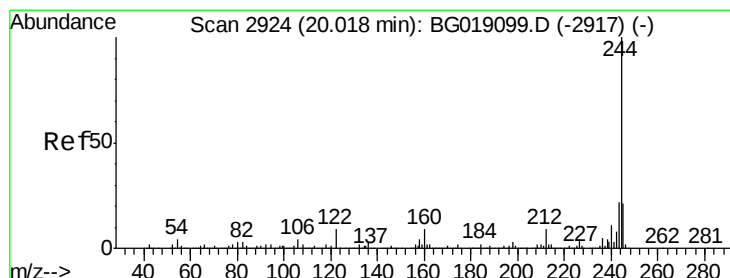
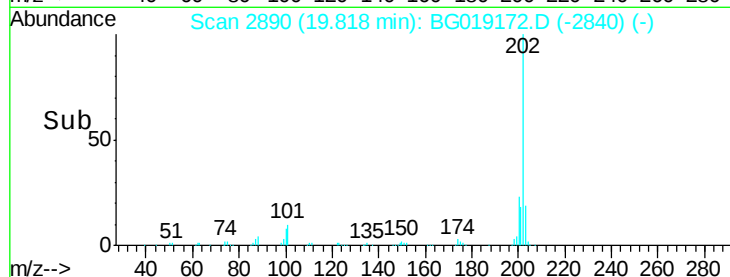
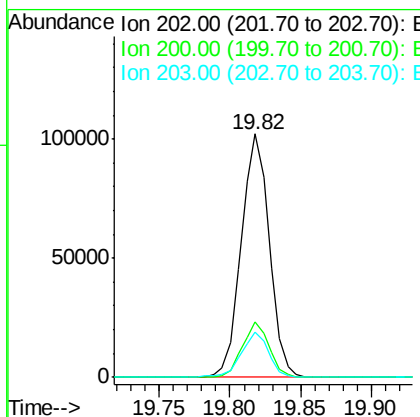
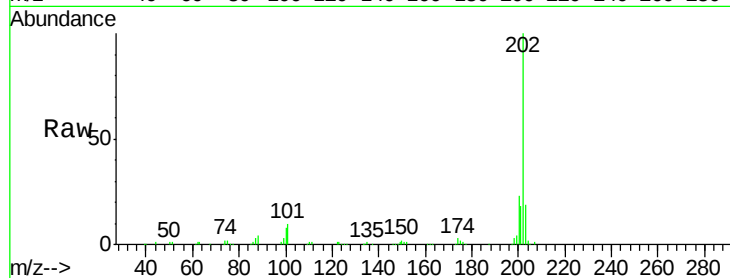




#77
Pvrene
Concen: 14.30 ng
RT: 19.82 min Scan# 2890
Delta R.T. -0.01 min
Lab File: BG019172.D
Acq: 13 Oct 2015 00:16

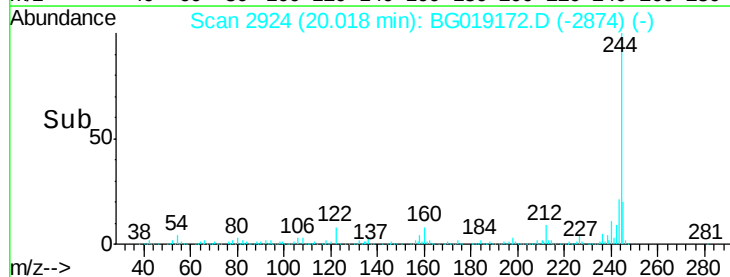
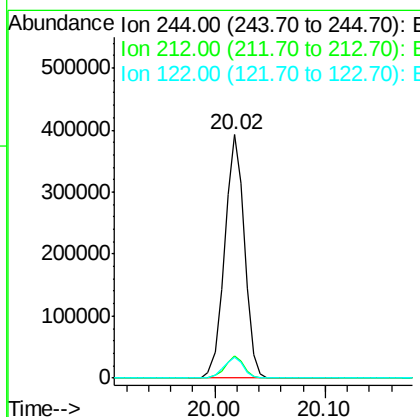
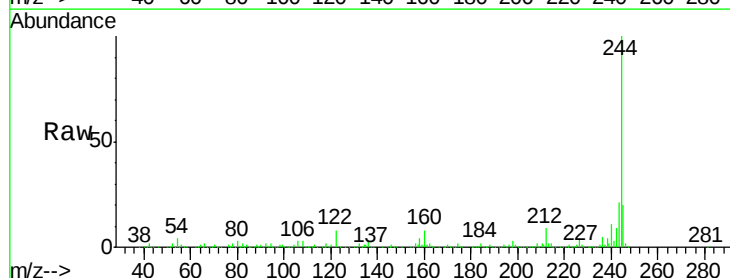
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL2015-02

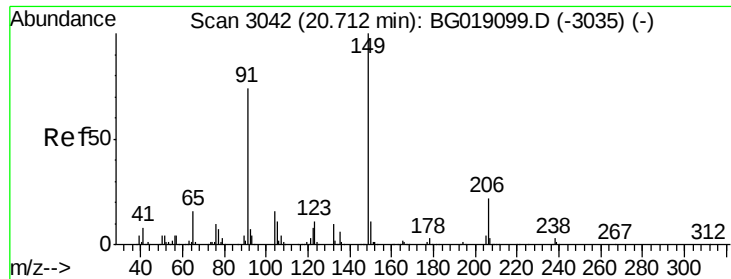
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.7	17.4	26.2
203	18.5	14.8	22.2



#78
Terphenyl-d14
Concen: 73.04 ng
RT: 20.02 min Scan# 2924
Delta R.T. -0.01 min
Lab File: BG019172.D
Acq: 13 Oct 2015 00:16

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.0	6.8	10.2
122	8.3	7.4	11.2

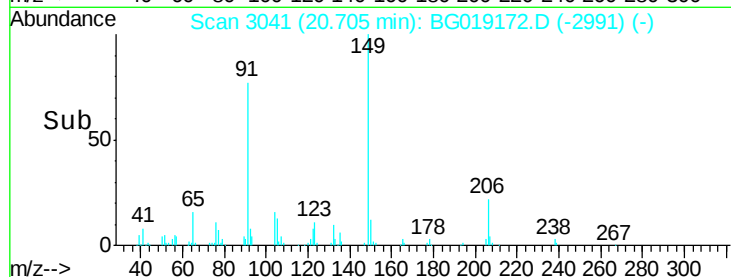
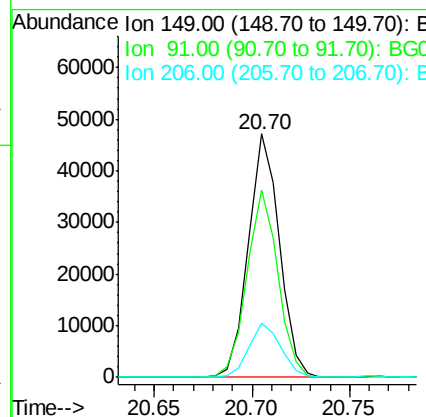
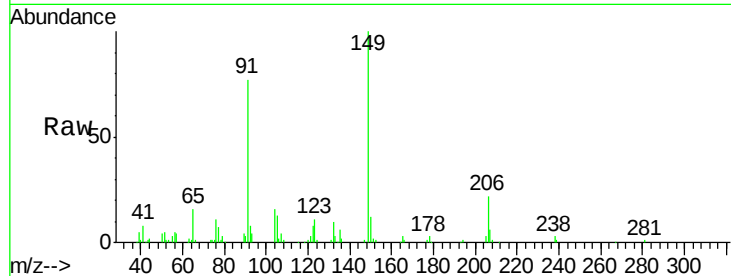




#79
Butylbenzylphthalate
Concen: 12.86 ng
RT: 20.70 min Scan# 3041
Delta R.T. -0.01 min
Lab File: BG019172.D
Acq: 13 Oct 2015 00:16

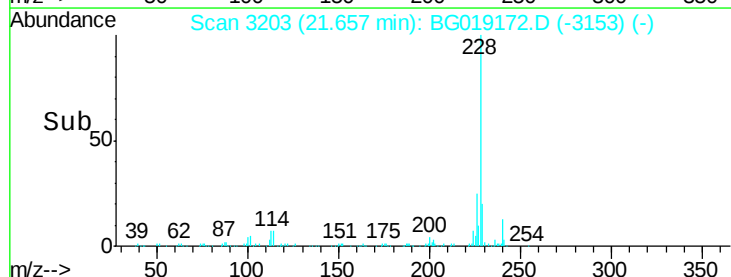
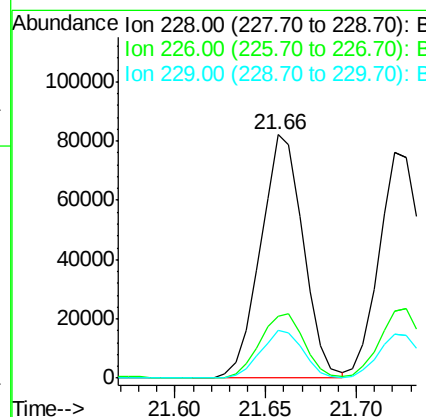
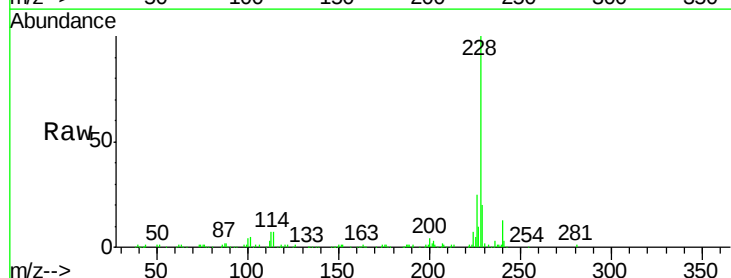
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL2015-02

Tot Ion:149 Resp: 52101
Ion Ratio Lower Upper
149 100
91 77.0 59.2 88.8
206 22.5 17.5 26.3



#80
Benzo(a)anthracene
Concen: 14.08 ng
RT: 21.66 min Scan# 3203
Delta R.T. -0.01 min
Lab File: BG019172.D
Acq: 13 Oct 2015 00:16

Tgt Ion:228 Resp: 133949
Ion Ratio Lower Upper
228 100
226 25.4 22.4 33.6
229 19.6 16.2 24.2

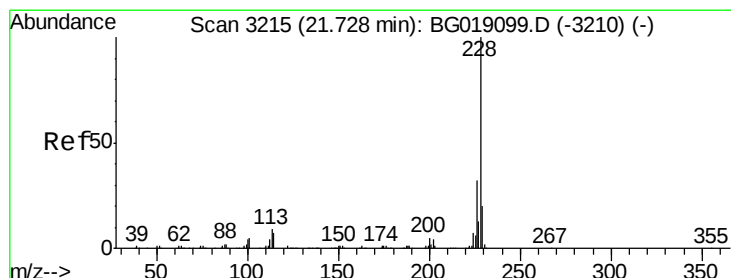
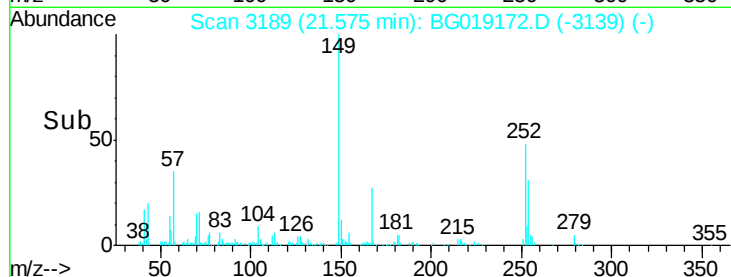
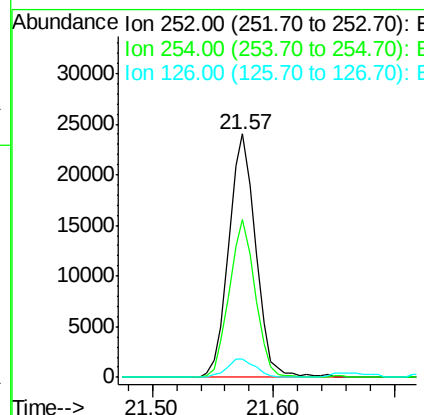
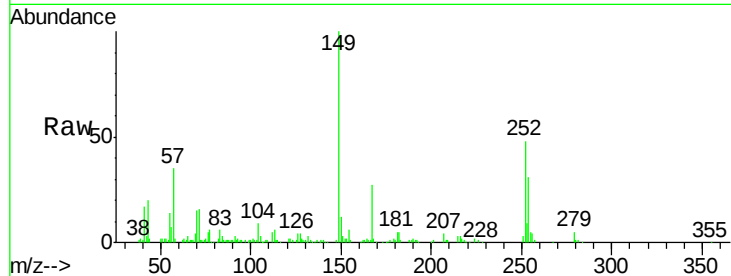




#81
 3,3'-Dichlorobenzidine
 Concen: 10.59 ng
 RT: 21.57 min Scan# 3189
 Delta R.T. -0.01 min
 Lab File: BG019172.D
 Acq: 13 Oct 2015 00:16

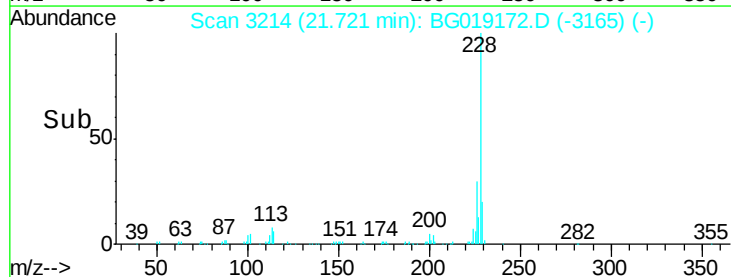
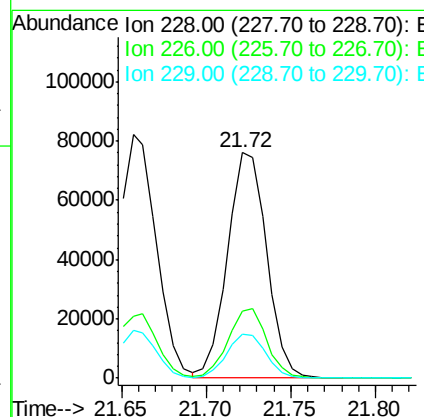
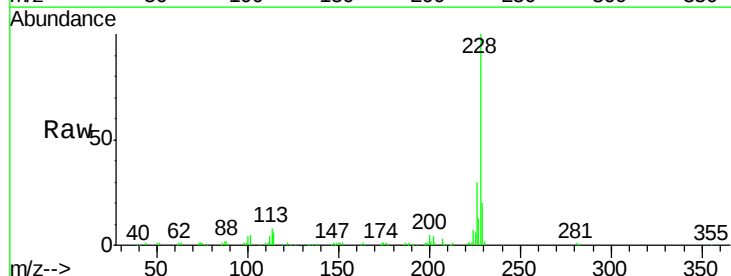
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL2015-02

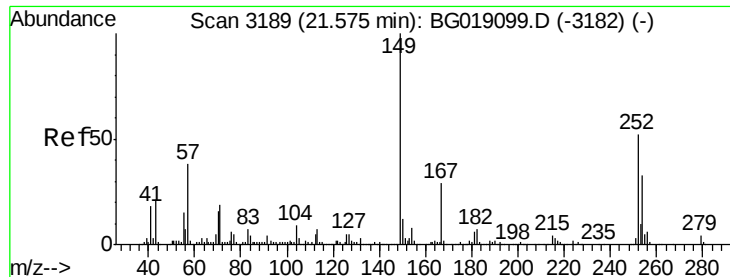
Tot Ion:252 Resp: 37277
 Ion Ratio Lower Upper
 252 100
 254 65.0 53.9 80.9
 126 7.6 7.0 10.6



#82
 Chrysene
 Concen: 13.62 ng
 RT: 21.72 min Scan# 3214
 Delta R.T. -0.01 min
 Lab File: BG019172.D
 Acq: 13 Oct 2015 00:16

Tgt Ion:228 Resp: 122979
 Ion Ratio Lower Upper
 228 100
 226 29.8 25.2 37.8
 229 19.5 16.3 24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 13.35 ng

RT: 21.57 min Scan# 3188

Delta R.T. -0.01 min

Lab File: BG019172.D

Acq: 13 Oct 2015 00:16

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL2015-02

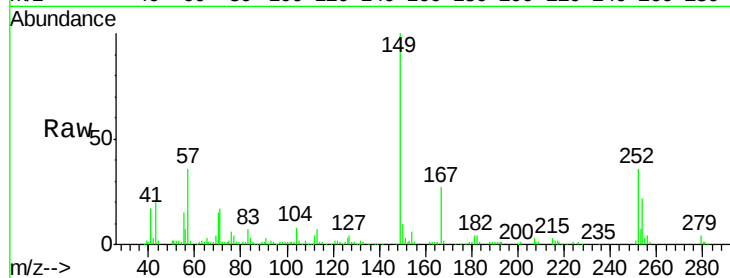
Tot Ion:149 Resp: 75113

Ion Ratio Lower Upper

149 100

167 27.0 22.8 34.2

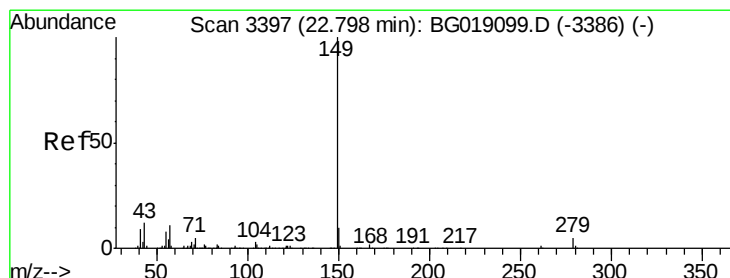
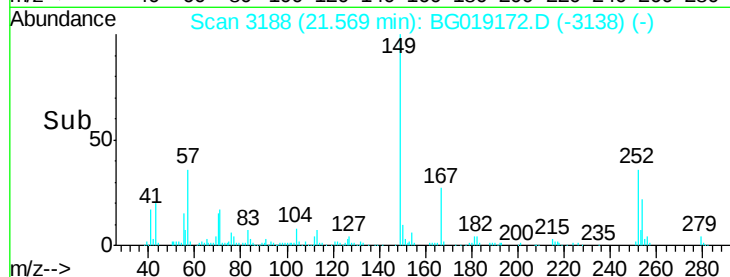
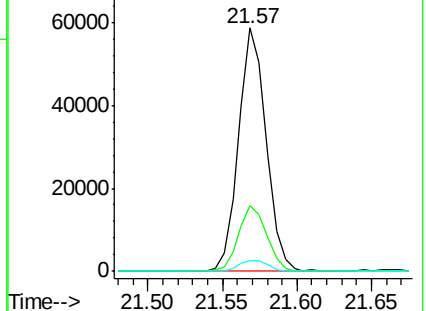
279 4.2 3.6 5.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 13.32 ng

RT: 22.78 min Scan# 3395

Delta R.T. -0.01 min

Lab File: BG019172.D

Acq: 13 Oct 2015 00:16

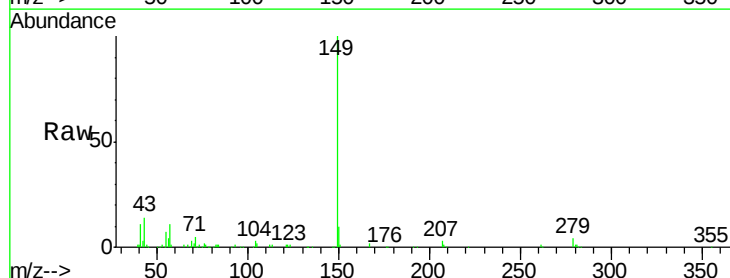
Tgt Ion:149 Resp: 129451

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

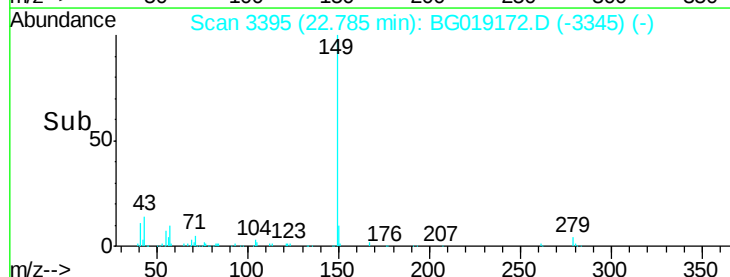
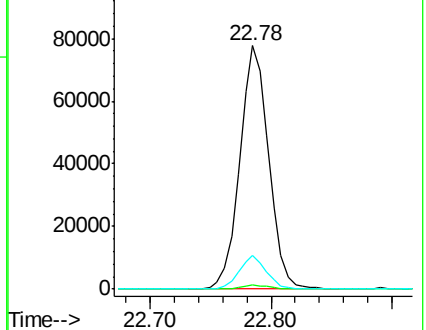
43 13.0 10.1 15.1

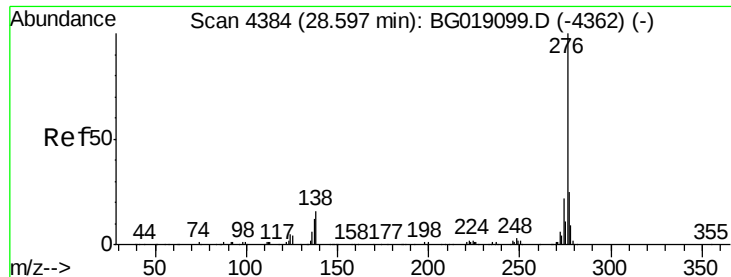


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

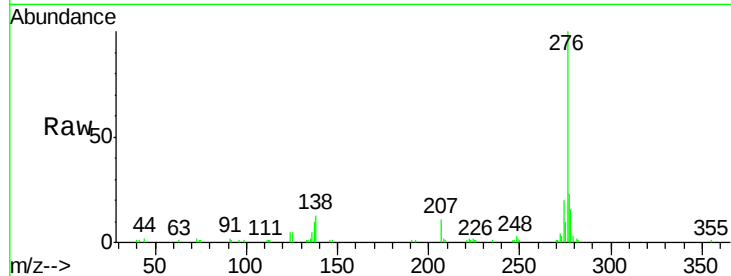




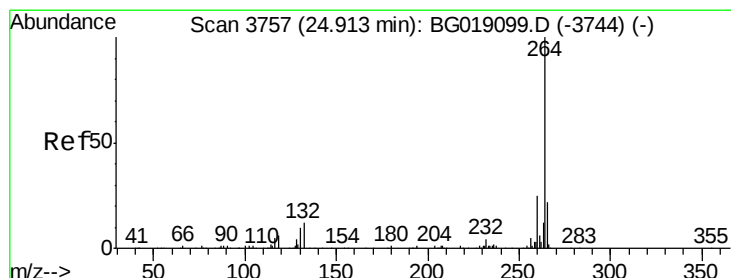
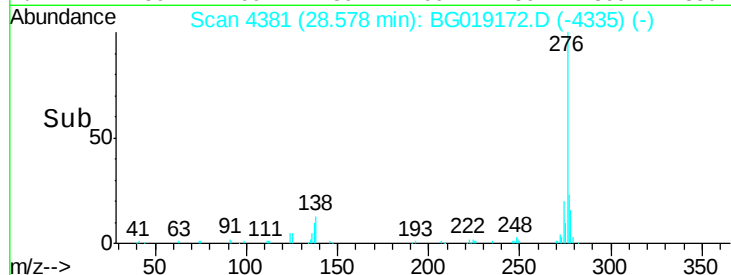
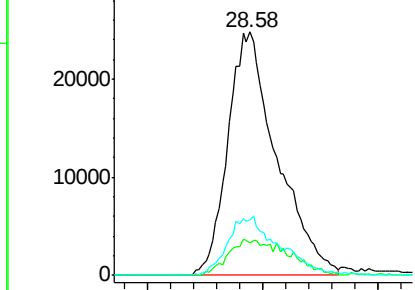
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 13.29 ng
 RT: 28.58 min Scan# 4381
 Delta R.T. -0.03 min
 Lab File: BG019172.D
 Acq: 13 Oct 2015 00:16

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL2015-02

Tot Ion:276 Resp: 146019
 Ion Ratio Lower Upper
 276 100
 138 6.8 10.2 15.4#
 277 25.2 20.2 30.4

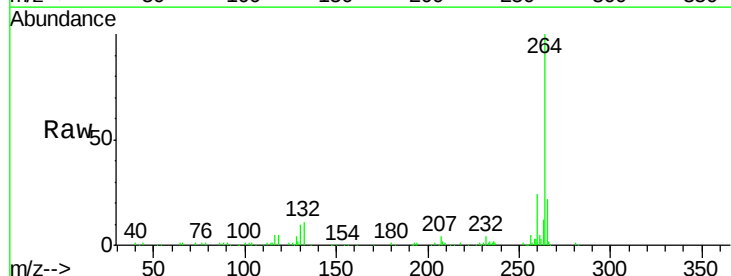


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

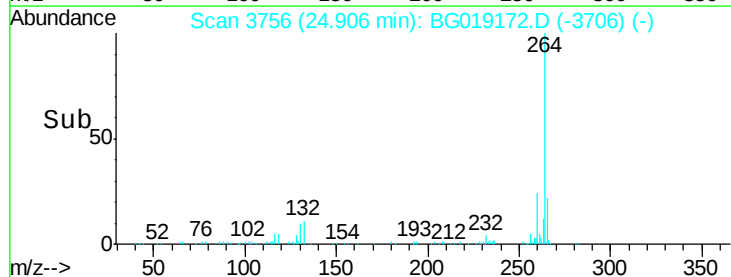
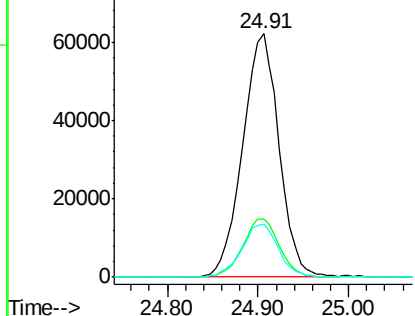


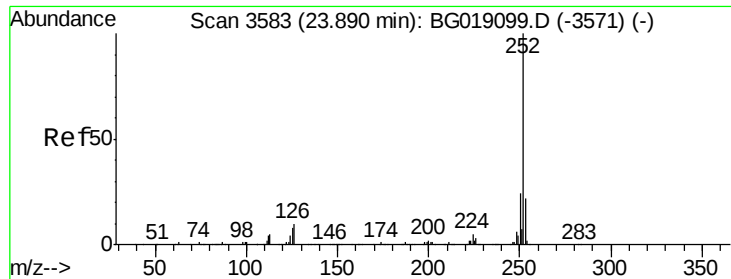
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.91 min Scan# 3756
 Delta R.T. -0.01 min
 Lab File: BG019172.D
 Acq: 13 Oct 2015 00:16

Tgt Ion:264 Resp: 172601
 Ion Ratio Lower Upper
 264 100
 260 24.0 20.1 30.1
 265 21.7 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: 14.68 ng

RT: 23.88 min Scan# 3581

Delta R.T. -0.01 min

Lab File: BG019172.D

Acq: 13 Oct 2015 00:16

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL2015-02

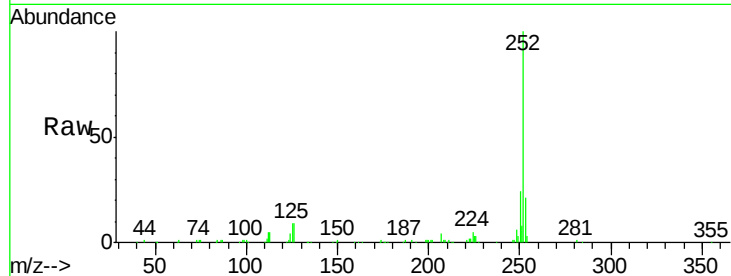
Tot Ion:252 Resp: 136254

Ion Ratio Lower Upper

252 100

253 21.1 17.5 26.3

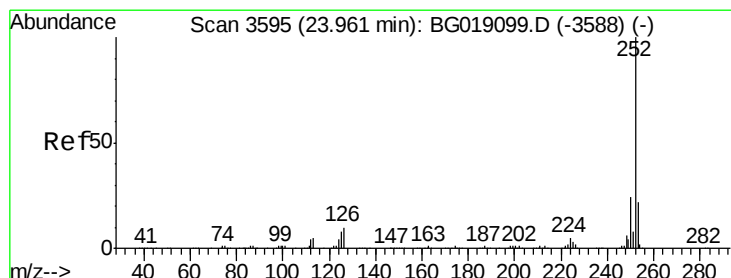
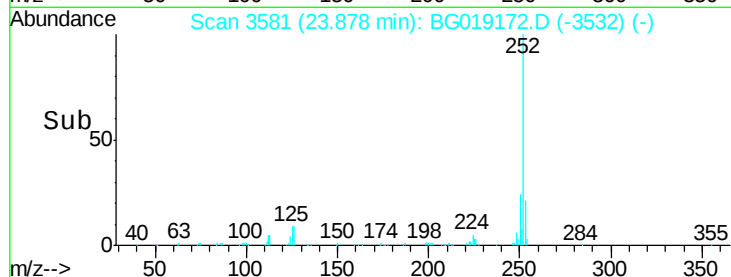
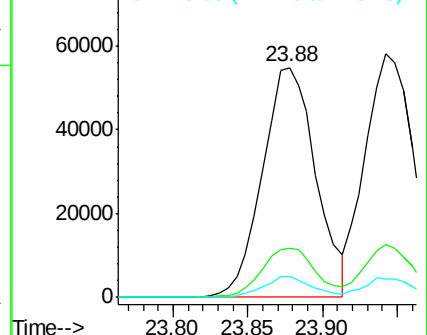
125 8.8 6.6 9.8



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: 14.32 ng

RT: 23.94 min Scan# 3592

Delta R.T. -0.02 min

Lab File: BG019172.D

Acq: 13 Oct 2015 00:16

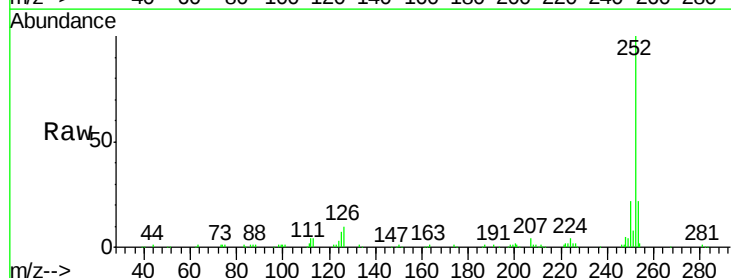
Tgt Ion:252 Resp: 131161

Ion Ratio Lower Upper

252 100

253 21.6 17.0 25.4

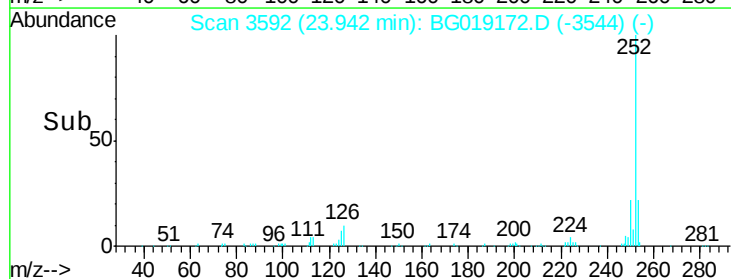
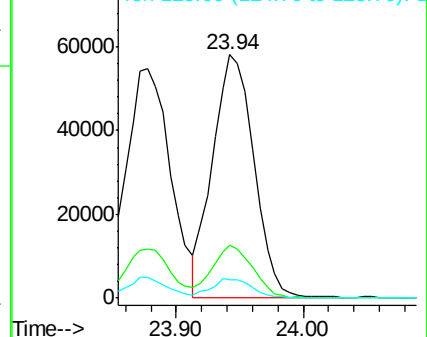
125 7.5 6.4 9.6

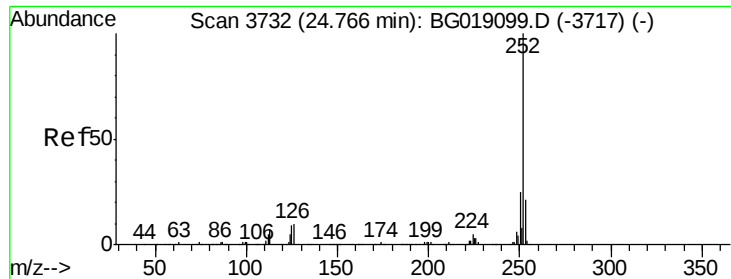


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

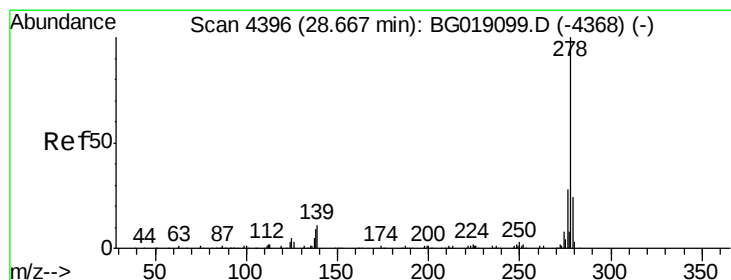
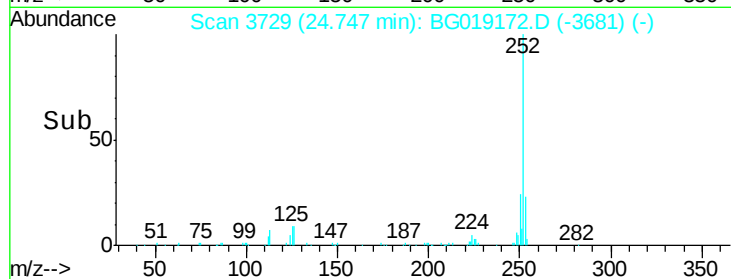
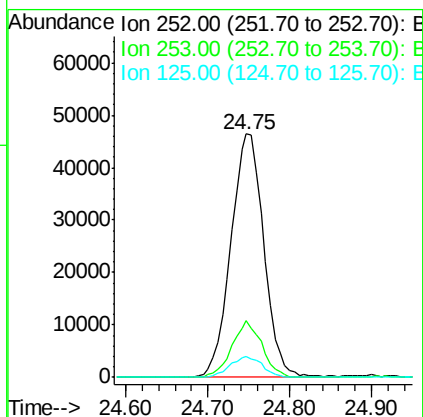
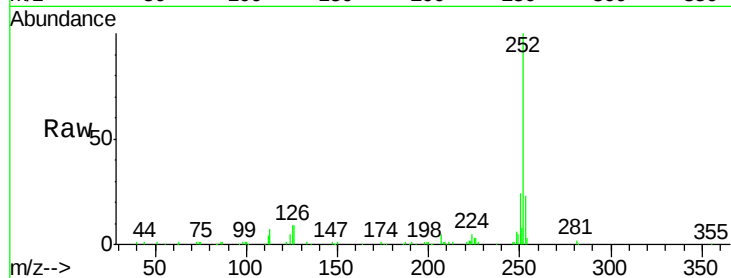




#89
Benzo(a)pyrene
Concen: 14.82 ng
RT: 24.75 min Scan# 3729
Delta R.T. -0.02 min
Lab File: BG019172.D
Acq: 13 Oct 2015 00:16

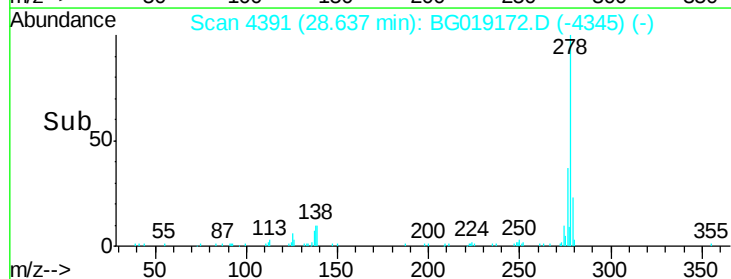
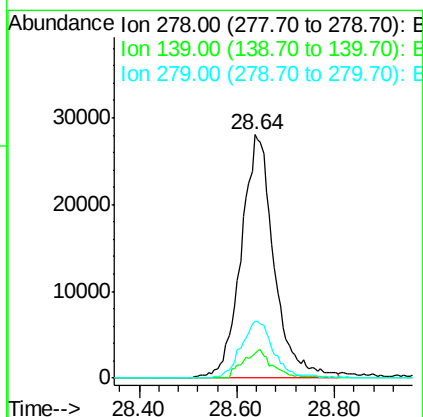
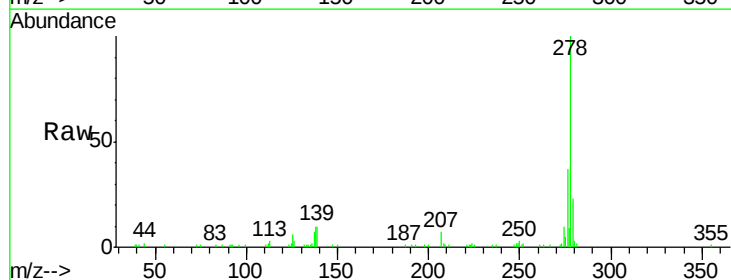
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL2015-02

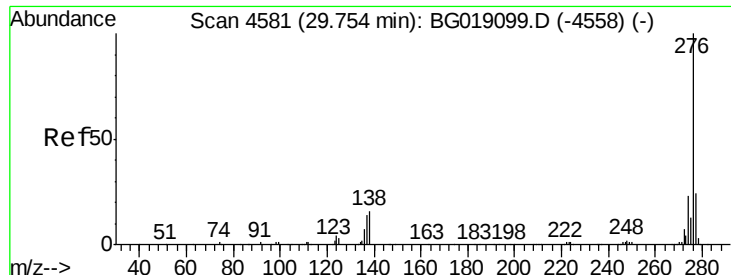
Tot Ion:252 Resp: 129953
Ion Ratio Lower Upper
252 100
253 23.3 17.0 25.4
125 8.8 7.2 10.8



#90
Dibenzo(a,h)anthracene
Concen: 13.97 ng
RT: 28.64 min Scan# 4391
Delta R.T. -0.03 min
Lab File: BG019172.D
Acq: 13 Oct 2015 00:16

Tgt Ion:278 Resp: 131549
Ion Ratio Lower Upper
278 100
139 10.0 8.6 12.8
279 23.3 19.5 29.3





#91

Benzo(a,h,i)perylene

Concen: 13.67 ng

RT: 29.72 min Scan# 4575

Delta R.T. -0.05 min

Lab File: BG019172.D

Acq: 13 Oct 2015 00:16

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL2015-02

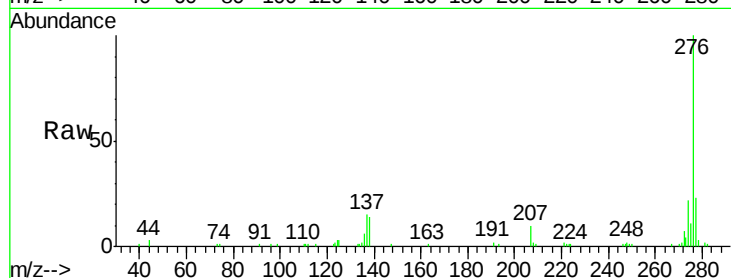
Tot Ion: 276 Resp: 119683

Ion Ratio Lower Upper

276 100

277 23.2 19.5 29.3

138 13.8 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

