

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101315\
 Data File : BG019169.D
 Acq On : 12 Oct 2015 22:22
 Operator : UM/NP
 Sample : G3707-03
 Misc : LOD 2PPM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

Quant Time: Oct 13 03:52:55 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	16917	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	75084	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	53452	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	142208	20.00	ng	0.00
75) Chrysene-d12	21.68	240	168394	20.00	ng	-0.01
86) Perylene-d12	24.90	264	165813	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	115726	139.28	ng	0.00
7) Phenol-d6	7.20	99	175756	137.70	ng	0.00
23) Nitrobenzene-d5	9.19	82	120430	88.62	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	106053	145.60	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	301053	86.60	ng	0.00
78) Terphenyl-d14	20.02	244	559201	87.72	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.51	88	412	1.18	ng	# 71
3) Pyridine	3.92	79	842	0.79	ng	# 76
4) n-Nitrosodimethylamine	3.82	42	910	1.50	ng	# 66
6) Aniline	7.36	93	1549	0.90	ng	# 80
8) 2-Chlorophenol	7.60	128	1911	1.83	ng	# 77
9) Benzaldehyde	7.17	77	1876	2.33	ng	90
10) Phenol	7.23	94	2671	2.01	ng	89
11) bis(2-Chloroethyl)ether	7.45	93	1488	1.48	ng	90
12) 1,3-Dichlorobenzene	8.06	146	1870	1.64	ng	87
13) 1,4-Dichlorobenzene	7.92	146	1738	1.49	ng	94
14) 1,2-Dichlorobenzene	8.39	146	1878	1.67	ng	# 86
15) Benzyl Alcohol	8.27	79	1721	1.51	ng	89
16) 2,2'-oxybis(1-Chloropropan	8.56	45	3480	1.62	ng	74
17) 2-Methylphenol	8.48	107	1657	1.75	ng	# 82
18) Hexachloroethane	9.11	117	589	1.33	ng	# 76
19) n-Nitroso-di-n-propylamine	8.83	70	1487	1.47	ng	# 78
20) 3+4-Methylphenols	8.80	107	2002	1.46	ng	84
22) Acetophenone	8.86	105	2691	1.53	ng	# 90
24) Nitrobenzene	9.24	77	2318	1.61	ng	99
25) Isophorone	9.76	82	3785	1.37	ng	# 86
26) 2-Nitrophenol	9.95	139	907	1.48	ng	# 53
27) 2,4-Dimethylphenol	10.00	122	1431	1.33	ng	87
28) bis(2-Chloroethoxy)methane	10.24	93	2191	1.49	ng	# 80
29) 2,4-Dichlorophenol	10.50	162	1844	1.64	ng	92
30) 1,2,4-Trichlorobenzene	10.70	180	1909	1.58	ng	95
31) Naphthalene	10.89	128	5998	1.66	ng	99
32) Benzoic acid	10.00	122	1431	9.59	ng	# 11
33) 4-Chloroaniline	10.99	127	1810	1.08	ng	# 90
34) Hexachlorobutadiene	11.17	225	1402	1.69	ng	90
35) Caprolactam	11.75	113	218	0.53	ng	# 88
36) 4-Chloro-3-methylphenol	12.12	107	2074	1.45	ng	# 91
37) 2-Methylnaphthalene	12.49	142	4554	1.62	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	2614	1.70	ng	98
40) Hexachlorocyclopentadiene	12.84	237	562	0.70	ng	82

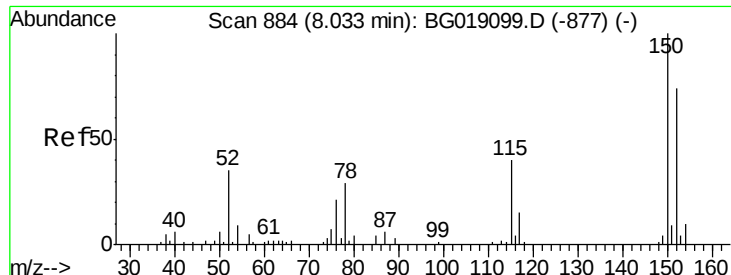
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101315\
 Data File : BG019169.D
 Acq On : 12 Oct 2015 22:22
 Operator : UM/NP
 Sample : G3707-03
 Misc : LOD 2PPM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Quant Time: Oct 13 03:52:55 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)
42) 2,4,6-Trichlorophenol	13.09	196	1574	1.47	nq	# 83
43) 2,4,5-Trichlorophenol	13.17	196	1677	1.48	nq	88
45) 1,1'-Biphenyl	13.49	154	6104	1.57	nq	94
46) 2-Chloronaphthalene	13.53	162	4948	1.66	nq	# 93
47) 2-Nitroaniline	13.74	65	1786	1.49	nq	93
48) Acenaphthylene	14.38	152	8646	1.64	nq	96
49) Dimethylphthalate	14.11	163	6668	1.58	nq	# 93
50) 2,6-Dinitrotoluene	14.23	165	1338	1.48	nq	98
51) Acenaphthene	14.72	154	5278	1.67	nq	93
52) 3-Nitroaniline	14.57	138	1194	1.20	nq	# 79
54) Dibenzofuran	15.05	168	8468	1.81	nq	# 92
55) 4-Nitrophenol	14.88	139	568	0.75	nq	91
56) 2,4-Dinitrotoluene	15.01	165	1789	1.36	nq	# 98
57) Fluorene	15.71	166	6952	1.71	nq	# 93
58) 2,3,4,6-Tetrachlorophenol	15.28	232	1584	1.47	nq	# 94
59) Diethylphthalate	15.47	149	6764	1.54	nq	# 95
60) 4-Chlorophenyl-phenylether	15.70	204	3726	1.80	nq	# 85
61) 4-Nitroaniline	15.72	138	1303	1.20	nq	97
62) Azobenzene	15.99	77	7317	1.80	nq	96
64) 4,6-Dinitro-2-methylphenol	15.78	198	280	0.36	nq	# 70
65) n-Nitrosodiphenylamine	15.91	169	6270	1.60	nq	# 86
66) 4-Bromophenyl-phenylether	16.59	248	2376	1.64	nq	# 79
67) Hexachlorobenzene	16.71	284	2800	1.65	nq	96
68) Atrazine	16.85	200	2379	1.47	nq	99
69) Pentachlorophenol	17.06	266	561	0.63	nq	# 86
70) Phenanthrene	17.45	178	12755	1.74	nq	98
71) Anthracene	17.53	178	11901	1.63	nq	94
72) Carbazole	17.81	167	10206	1.49	nq	98
73) Di-n-butylphthalate	18.37	149	13145	1.57	nq	99
74) Fluoranthene	19.46	202	15032	1.60	nq	96
76) Benzidine	19.64	184	1291	0.30	nq	# 66
77) Pyrene	19.81	202	15839	1.68	nq	94
79) Butylbenzylphthalate	20.71	149	5258	1.37	nq	# 91
80) Benzo(a)anthracene	21.66	228	15142	1.68	nq	95
81) 3,3'-Dichlorobenzidine	21.58	252	4497	1.35	nq	97
82) Chrysene	21.72	228	13880	1.62	nq	96
83) Bis(2-ethylhexyl)phthalate	21.57	149	7665	1.44	nq	99
84) Di-n-octyl phthalate	22.78	149	13008	1.41	nq	97
85) Indeno(1,2,3-cd)pyrene	28.57	276	12022	1.15	nq	# 89
87) Benzo(b)fluoranthene	23.88	252	14228	1.60	nq	93
88) Benzo(k)fluoranthene	23.88	252	14228	1.62	nq	94
89) Benzo(a)pyrene	24.75	252	13831	1.64	nq	# 96
90) Dibenzo(a,h)anthracene	28.66	278	13063	1.44	nq	98
91) Benzo(g,h,i)perylene	29.71	276	11902	1.42	nq	# 95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.03 min Scan# 884

Delta R.T. 0.00 min

Lab File: BG019169.D

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Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

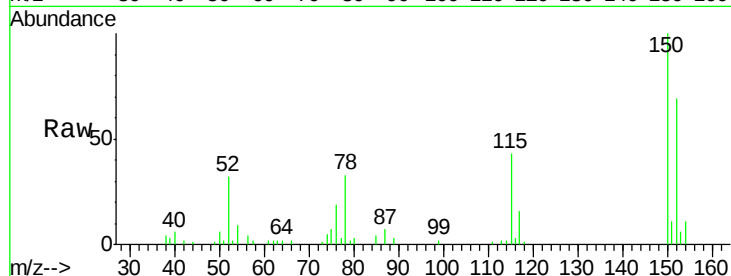
Tot Ion:152 Resp: 16917

Ion Ratio Lower Upper

152 100

150 145.9 108.2 162.2

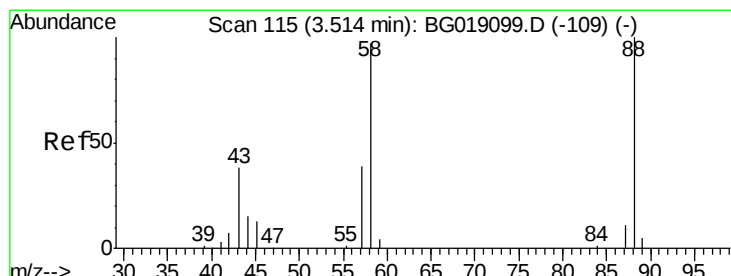
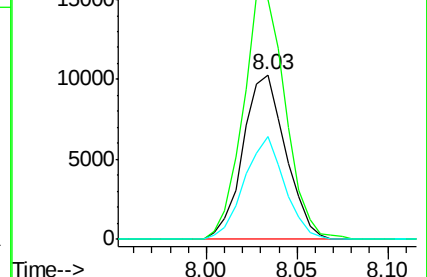
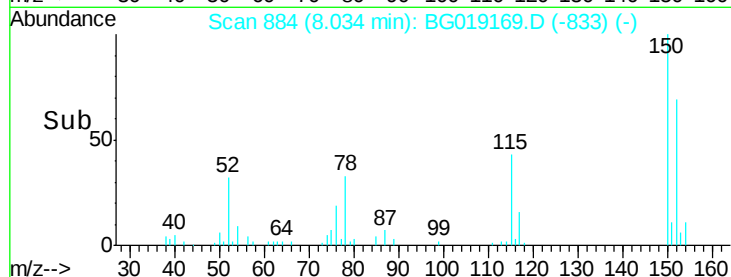
115 62.1 43.2 64.8



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: 1.18 ng

RT: 3.51 min Scan# 114

Delta R.T. -0.00 min

Lab File: BG019169.D

Acq: 12 Oct 2015 22:22

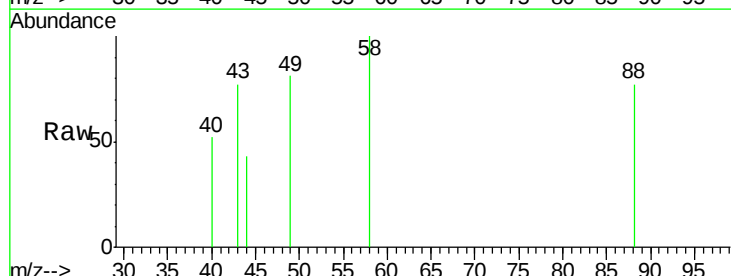
Tgt Ion: 88 Resp: 412

Ion Ratio Lower Upper

88 100

58 116.0 81.1 121.7

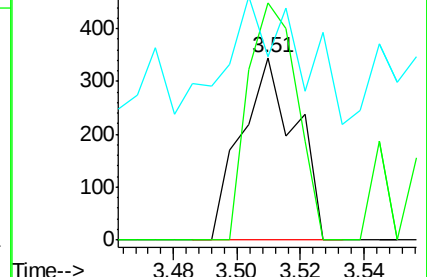
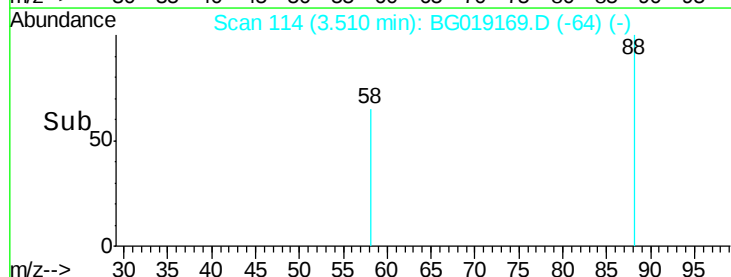
43 80.3 31.0 46.6#

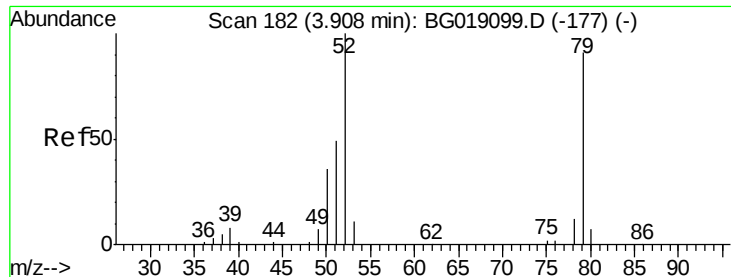


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 0.79 ng

RT: 3.92 min Scan# 184

Delta R.T. 0.01 min

Lab File: BG019169.D

Acq: 12 Oct 2015 22:22

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

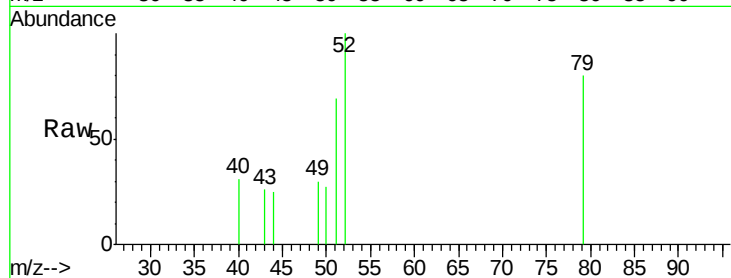
Tot Ion: 79 Resp: 842

Ion Ratio Lower Upper

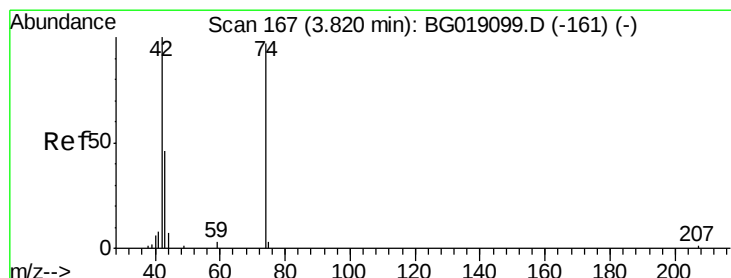
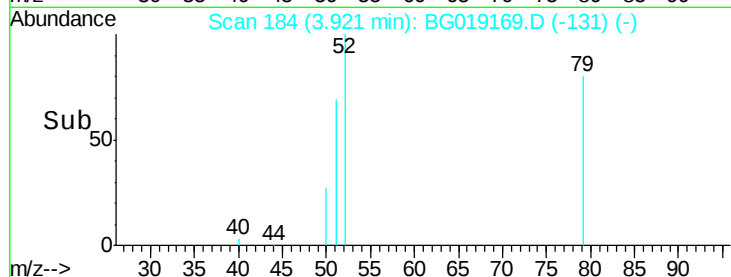
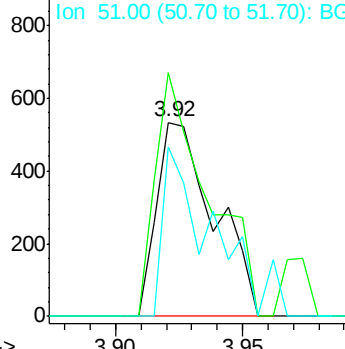
79 100

52 125.5 88.3 132.5

51 87.1 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: 1.50 ng

RT: 3.82 min Scan# 166

Delta R.T. -0.00 min

Lab File: BG019169.D

Acq: 12 Oct 2015 22:22

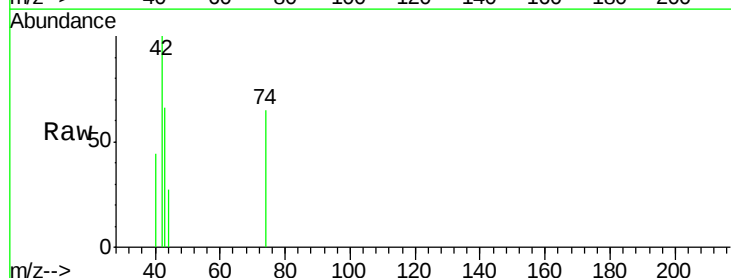
Tgt Ion: 42 Resp: 910

Ion Ratio Lower Upper

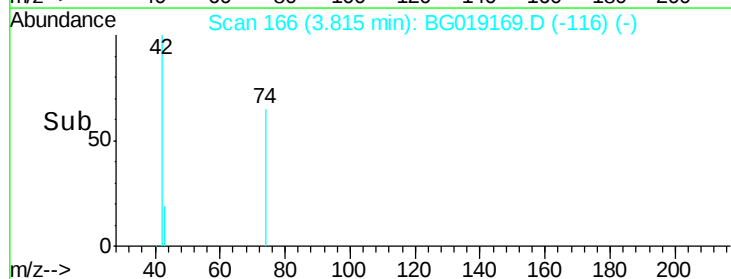
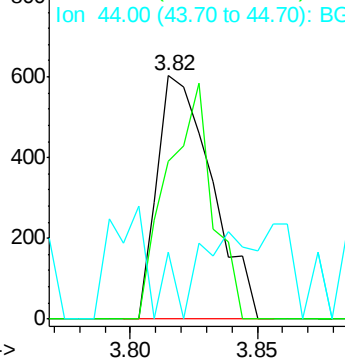
42 100

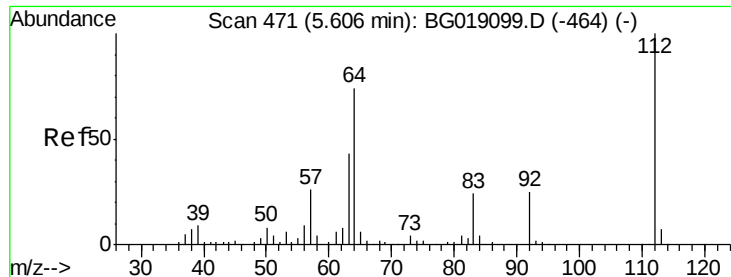
74 64.8 77.3 115.9#

44 27.4 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: 139.28 ng

RT: 5.61 min Scan# 472

Delta R.T. 0.01 min

Lab File: BG019169.D

Acq: 12 Oct 2015 22:22

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

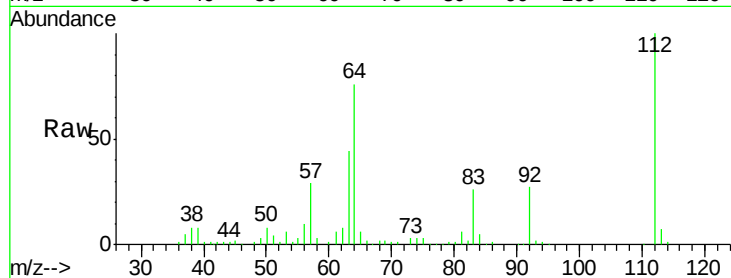
Tot Ion:112 Resp: 115726

Ion Ratio Lower Upper

112 100

64 75.9 59.0 88.4

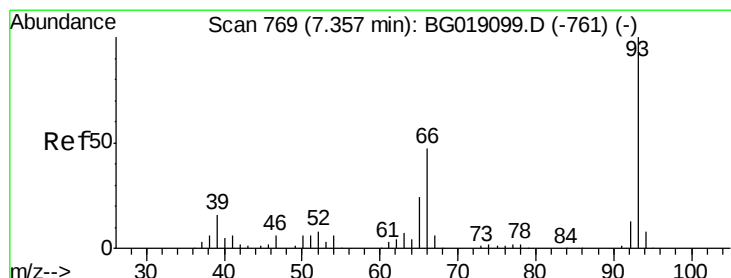
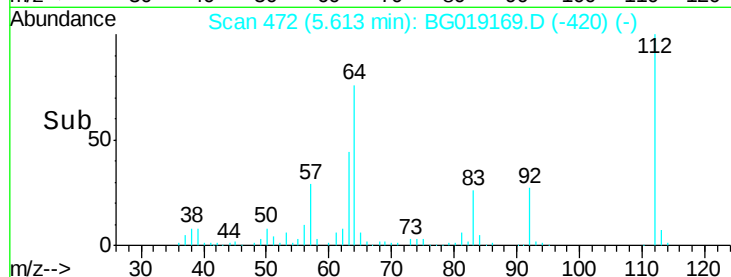
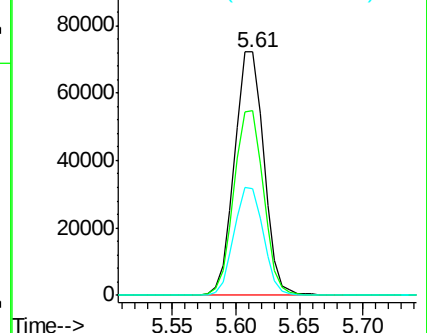
63 43.7 34.7 52.1



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: 0.90 ng

RT: 7.36 min Scan# 770

Delta R.T. 0.00 min

Lab File: BG019169.D

Acq: 12 Oct 2015 22:22

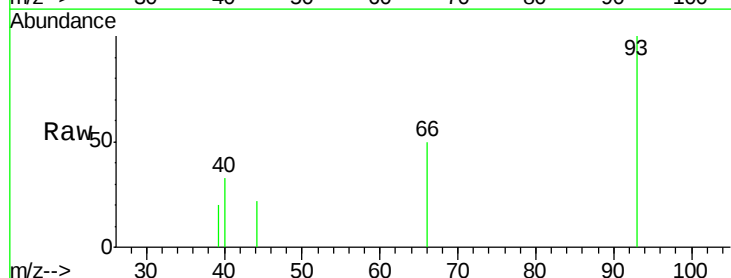
Tgt Ion: 93 Resp: 1549

Ion Ratio Lower Upper

93 100

66 49.9 37.4 56.2

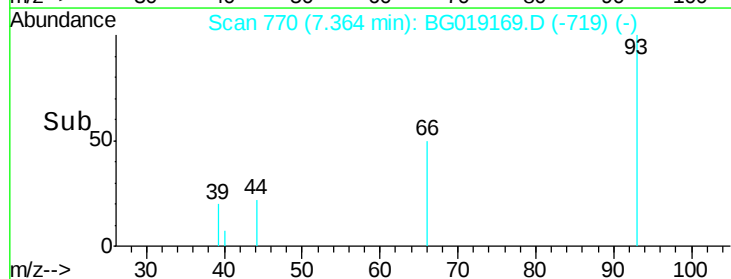
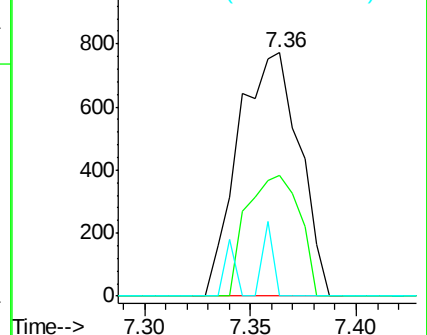
65 0.0 19.6 29.4#

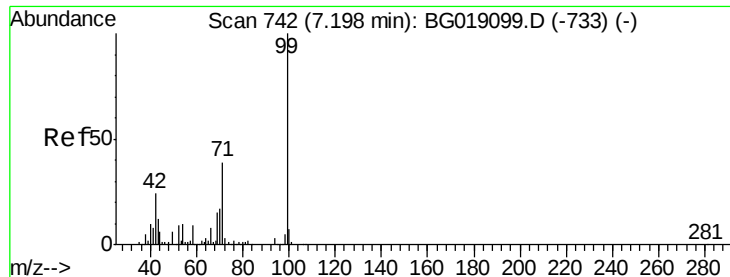


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 137.70 ng

RT: 7.20 min Scan# 742

Delta R.T. -0.00 min

Lab File: BG019169.D

Acq: 12 Oct 2015 22:22

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

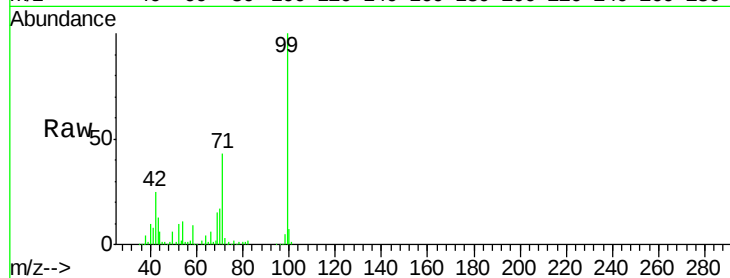
Tot Ion: 99 Resp: 175756

Ion Ratio Lower Upper

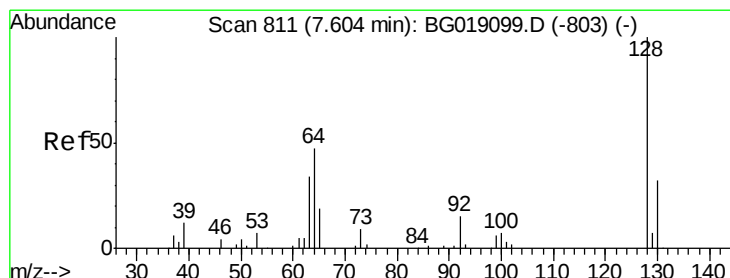
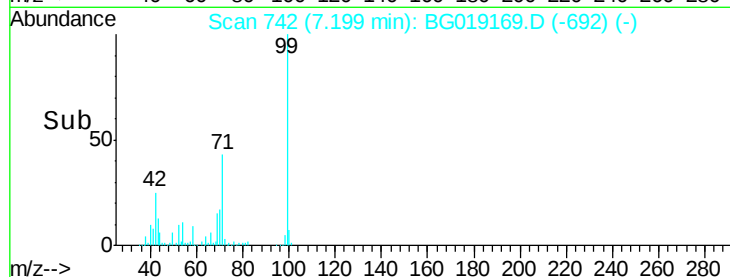
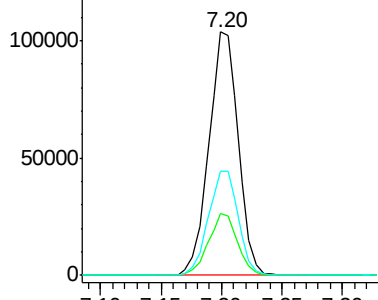
99 100

42 25.4 19.5 29.3

71 42.8 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: 1.83 ng

RT: 7.60 min Scan# 810

Delta R.T. -0.00 min

Lab File: BG019169.D

Acq: 12 Oct 2015 22:22

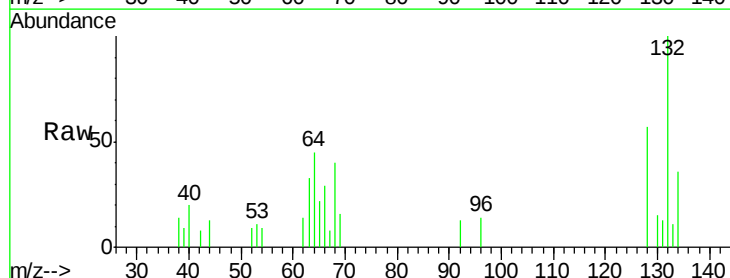
Tgt Ion:128 Resp: 1911

Ion Ratio Lower Upper

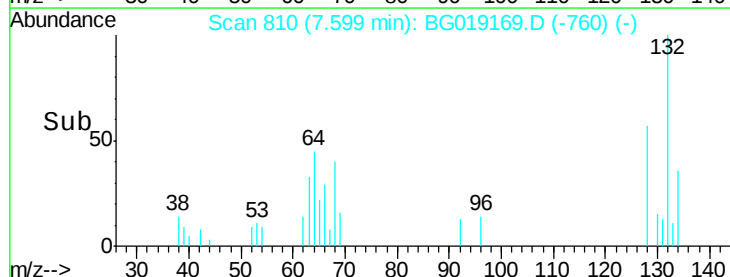
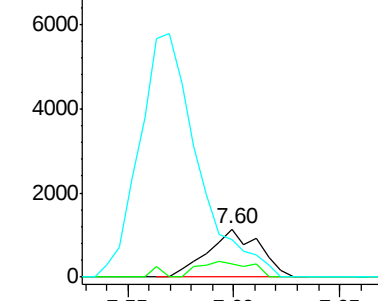
128 100

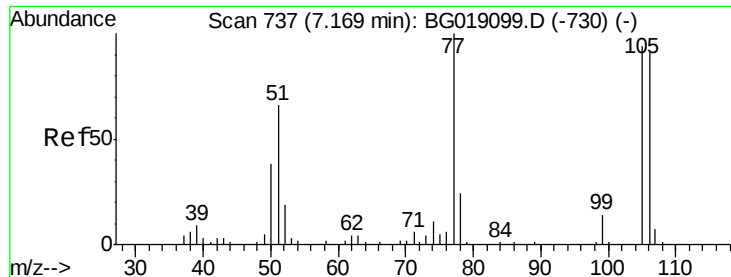
130 26.9 12.3 52.3

64 78.5 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

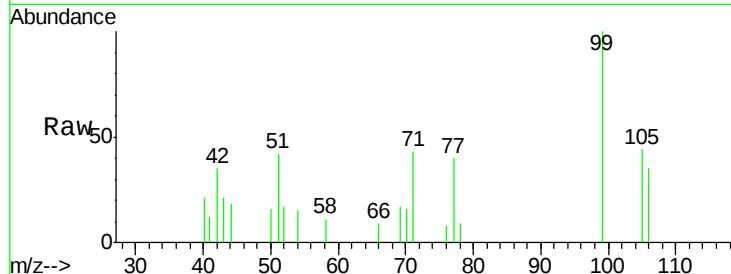




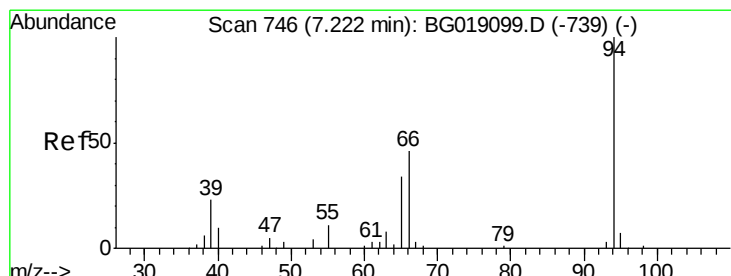
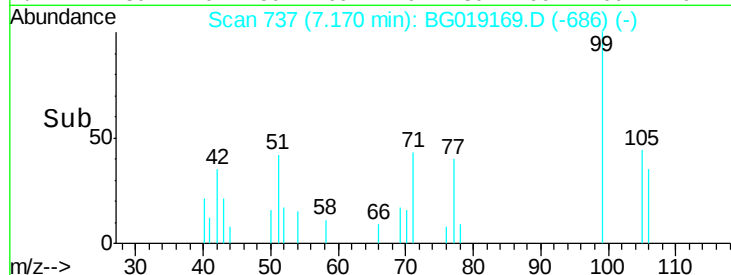
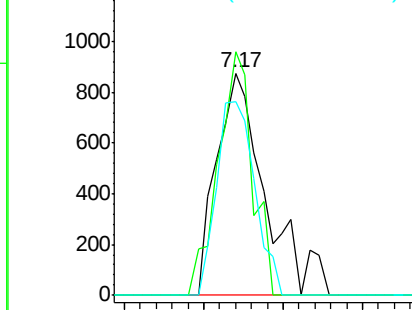
#9
Benzaldehyde
Concen: 2.33 ng
RT: 7.17 min Scan# 737
Delta R.T. 0.00 min
Lab File: BG019169.D
Acq: 12 Oct 2015 22:22

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tot Ion: 77 Resp: 1876
Ion Ratio Lower Upper
77 100
105 109.7 73.7 113.7
106 87.5 71.0 111.0

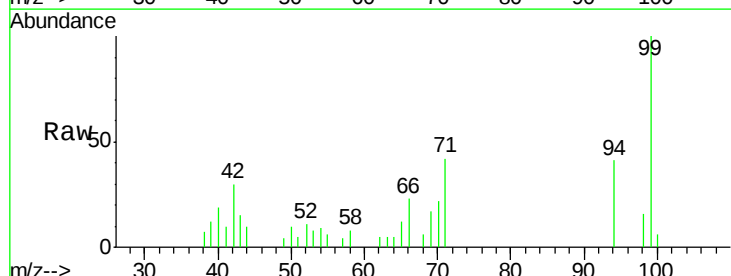


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC

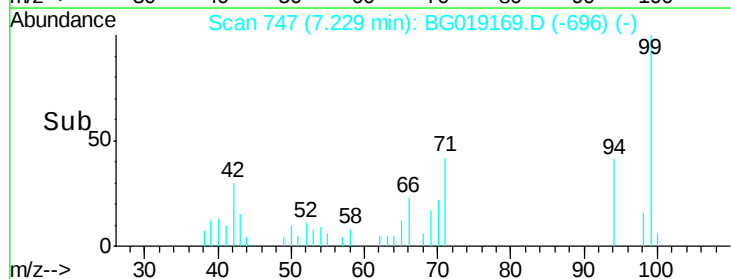
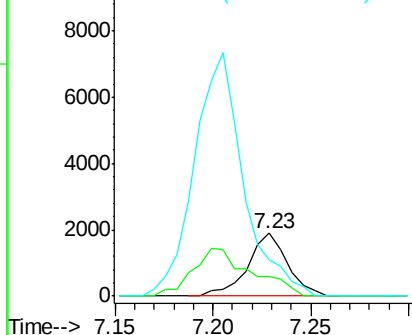


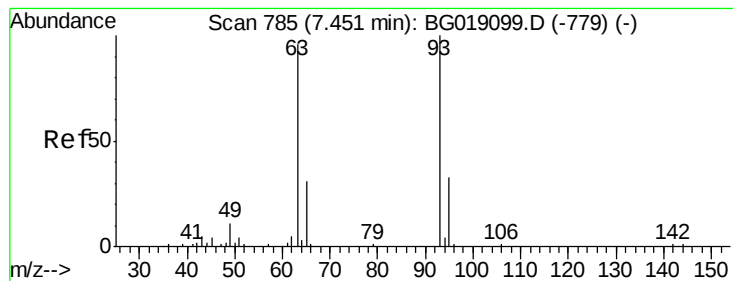
#10
Phenol
Concen: 2.01 ng
RT: 7.23 min Scan# 747
Delta R.T. 0.00 min
Lab File: BG019169.D
Acq: 12 Oct 2015 22:22

Tgt Ion: 94 Resp: 2671
Ion Ratio Lower Upper
94 100
65 30.3 15.2 55.2
66 57.3 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: 1.48 ng

RT: 7.45 min Scan# 785

Delta R.T. 0.00 min

Lab File: BG019169.D

Acq: 12 Oct 2015 22:22

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

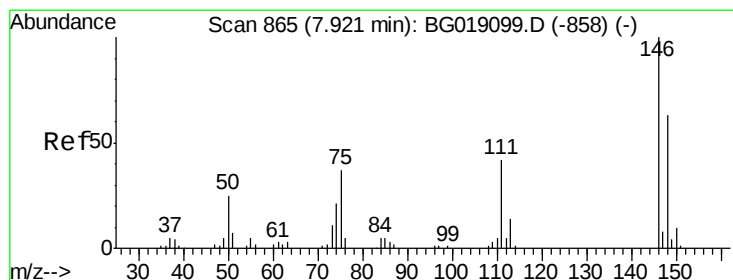
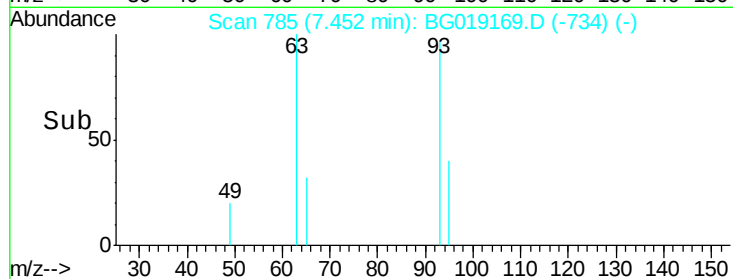
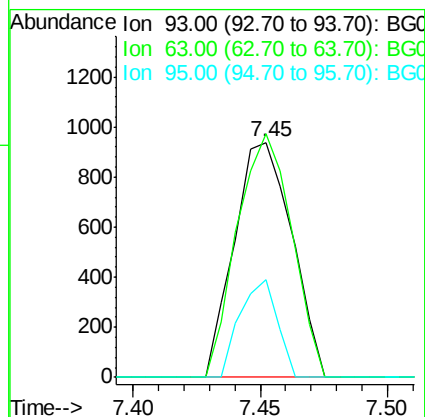
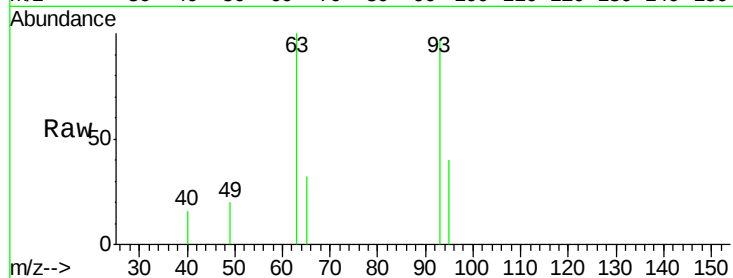
Tot Ion: 93 Resp: 1488

Ion Ratio Lower Upper

93 100

63 103.6 75.3 115.3

95 41.4 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 1.64 ng

RT: 8.06 min Scan# 889

Delta R.T. 0.14 min

Lab File: BG019169.D

Acq: 12 Oct 2015 22:22

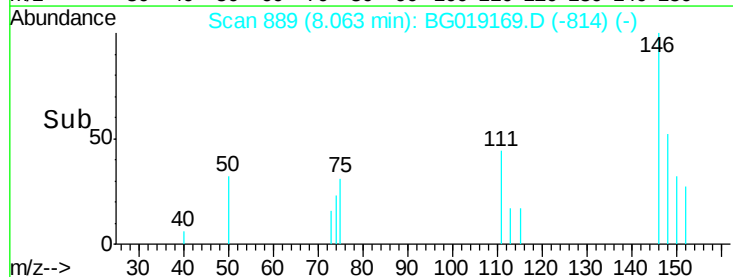
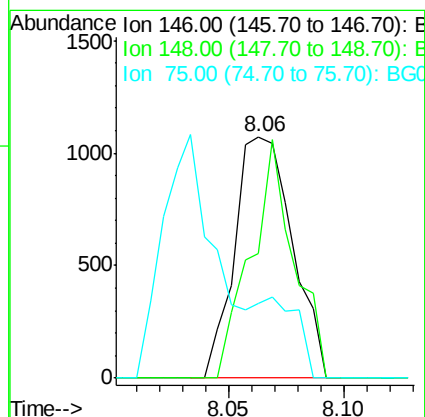
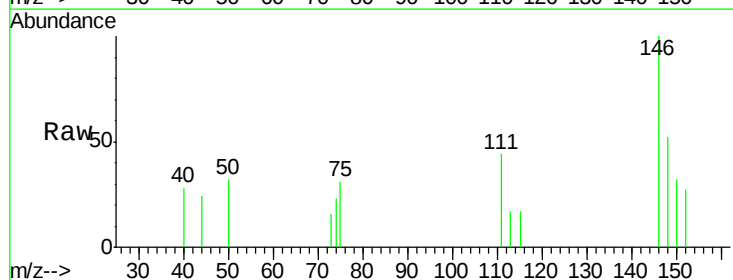
Tgt Ion: 146 Resp: 1870

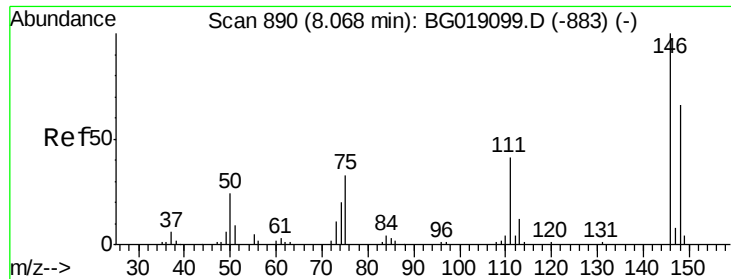
Ion Ratio Lower Upper

146 100

148 51.5 50.2 75.4

75 30.8 29.3 43.9

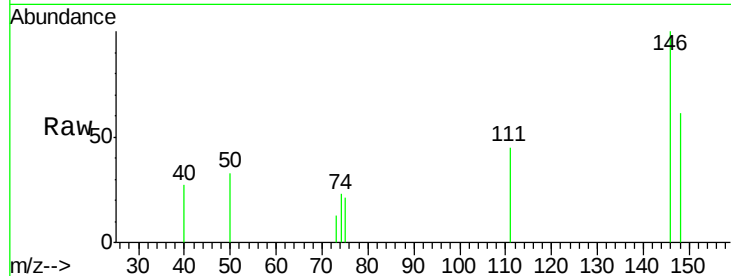




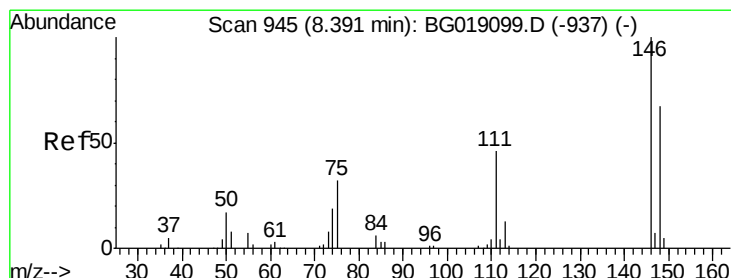
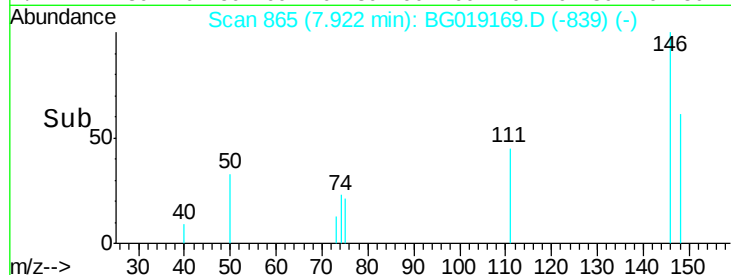
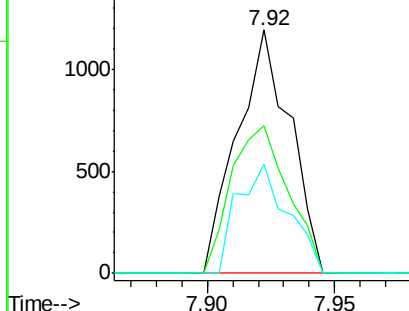
#13
 1,4-Dichlorobenzene
 Concen: 1.49 ng
 RT: 7.92 min Scan# 865
 Delta R.T. -0.15 min
 Lab File: BG019169.D
 Acq: 12 Oct 2015 22:22

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

Tot Ion:146 Resp: 1738
 Ion Ratio Lower Upper
 146 100
 148 60.7 52.9 79.3
 111 44.8 33.1 49.7

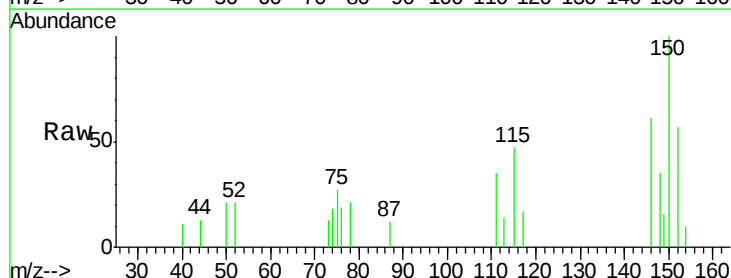


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

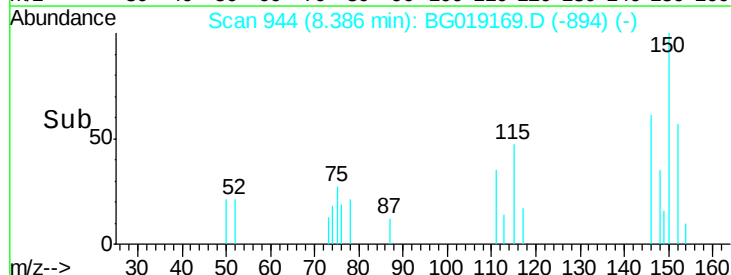
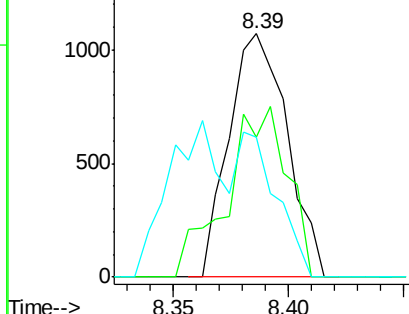


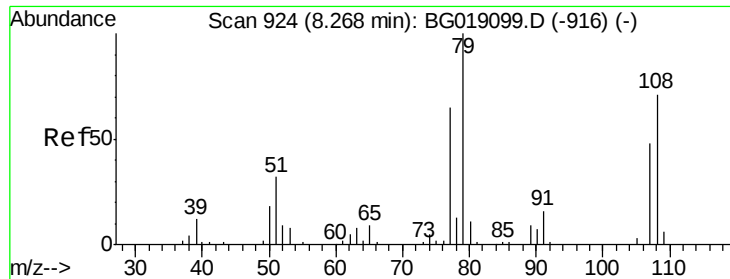
#14
 1,2-Dichlorobenzene
 Concen: 1.67 ng
 RT: 8.39 min Scan# 944
 Delta R.T. -0.00 min
 Lab File: BG019169.D
 Acq: 12 Oct 2015 22:22

Tgt Ion:146 Resp: 1878
 Ion Ratio Lower Upper
 146 100
 148 57.4 53.6 80.4
 111 57.4 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

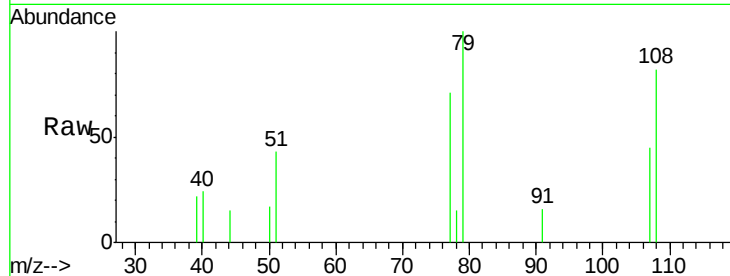




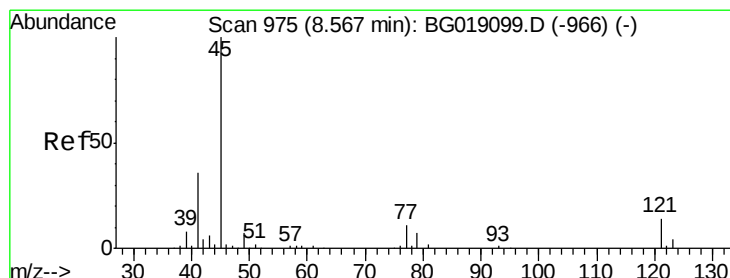
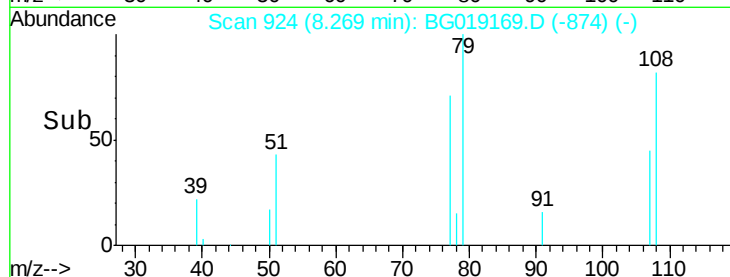
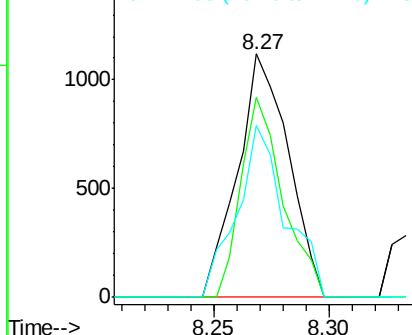
#15
Benzyl Alcohol
Concen: 1.51 ng
RT: 8.27 min Scan# 924
Delta R.T. -0.00 min
Lab File: BG019169.D
Acq: 12 Oct 2015 22:22

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tot Ion: 79 Resp: 1721
Ion Ratio Lower Upper
79 100
108 82.2 56.6 84.8
77 70.7 51.6 77.4

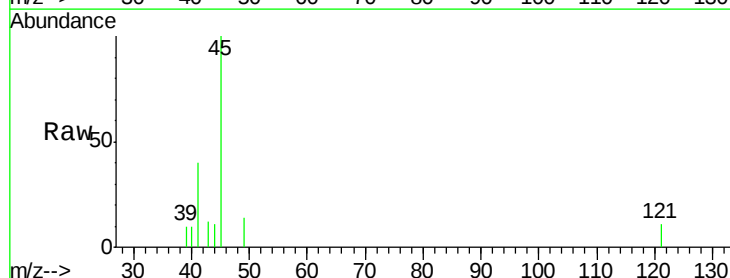


Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

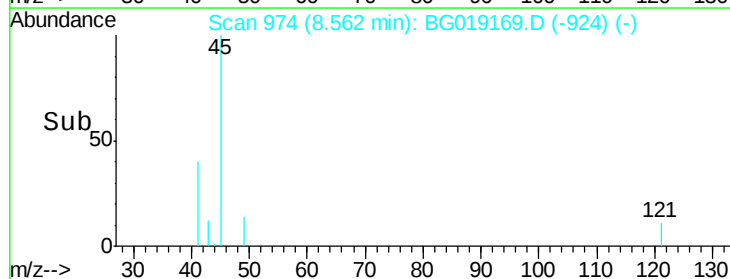
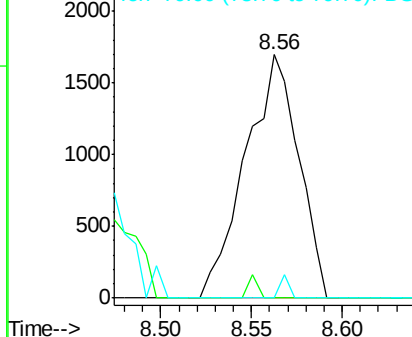


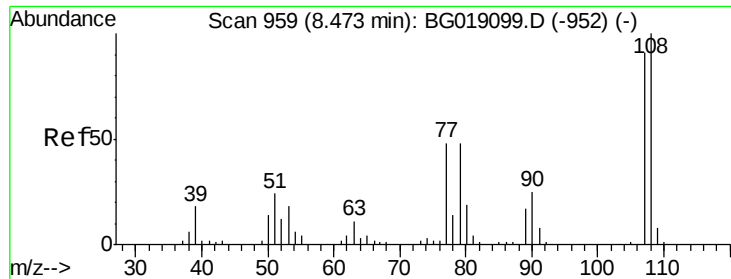
#16
2,2'-oxybis(1-chloropropane)
Concen: 1.62 ng
RT: 8.56 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG019169.D
Acq: 12 Oct 2015 22:22

Tgt Ion: 45 Resp: 3480
Ion Ratio Lower Upper
45 100
77 0.0 0.0 30.8
79 0.0 0.0 27.5



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

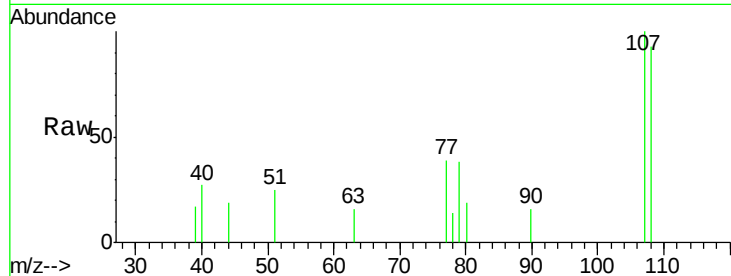




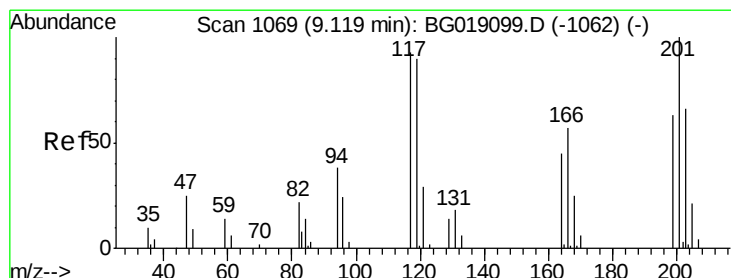
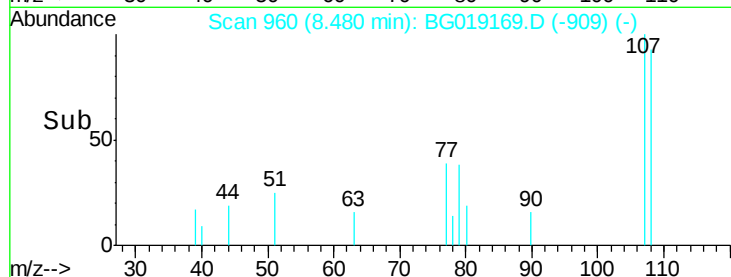
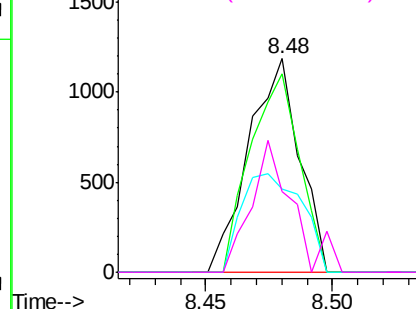
#17
2-Methylphenol
Concen: 1.75 ng
RT: 8.48 min Scan# 960
Delta R.T. 0.00 min
Lab File: BG019169.D
Acq: 12 Oct 2015 22:22

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tot Ion:107 Resp: 1657
Ion Ratio Lower Upper
107 100
108 93.0 87.7 131.5
77 38.9 42.2 63.2#
79 37.8 42.1 63.1#

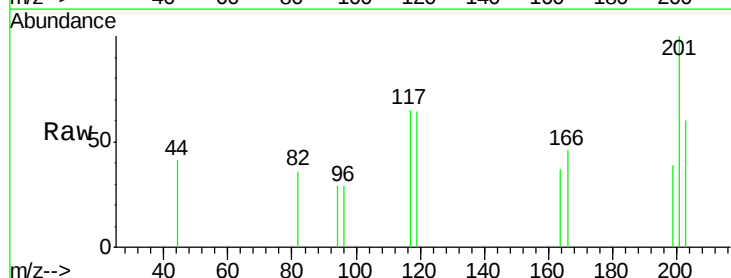


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

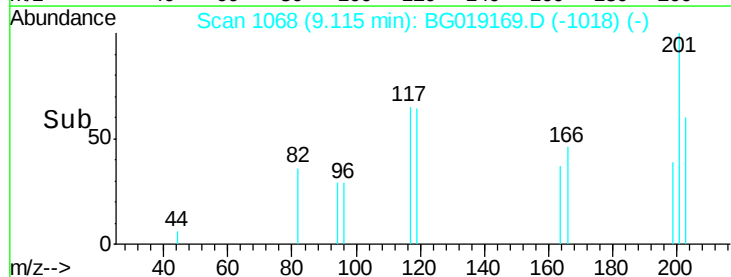
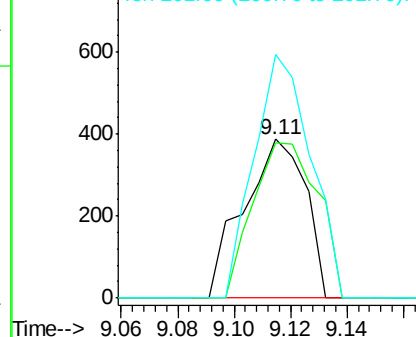


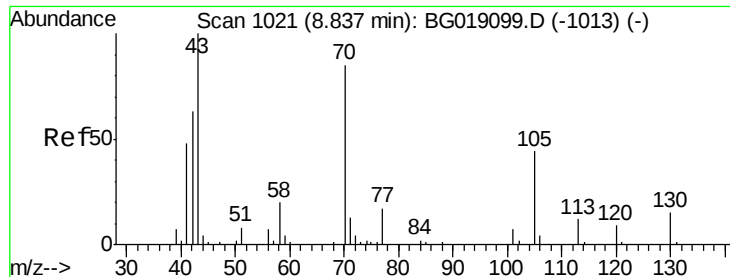
#18
Hexachloroethane
Concen: 1.33 ng
RT: 9.11 min Scan# 1068
Delta R.T. -0.00 min
Lab File: BG019169.D
Acq: 12 Oct 2015 22:22

Tgt Ion:117 Resp: 589
Ion Ratio Lower Upper
117 100
119 97.9 77.0 115.4
201 153.1 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

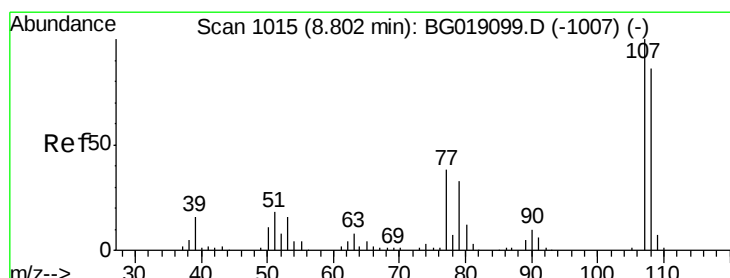
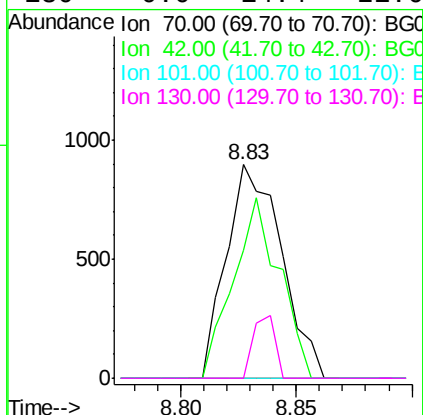
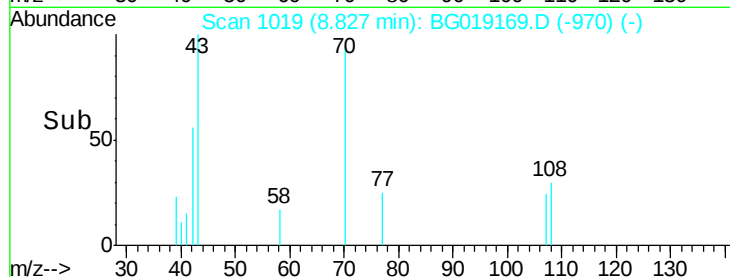
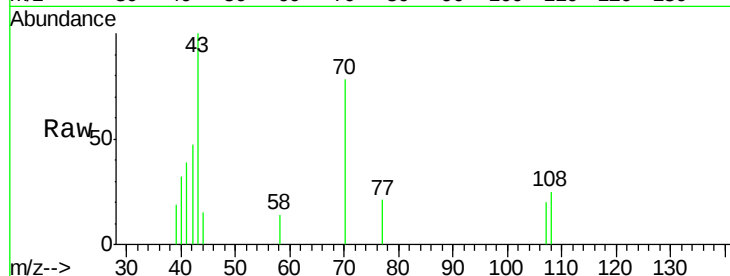




#19
n-Nitroso-di-n-propylamine
Concen: 1.47 ng
RT: 8.83 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG019169.D
Acq: 12 Oct 2015 22:22

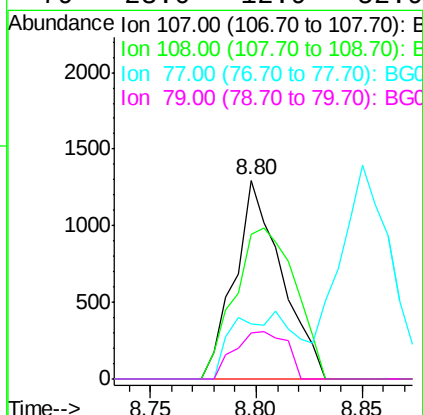
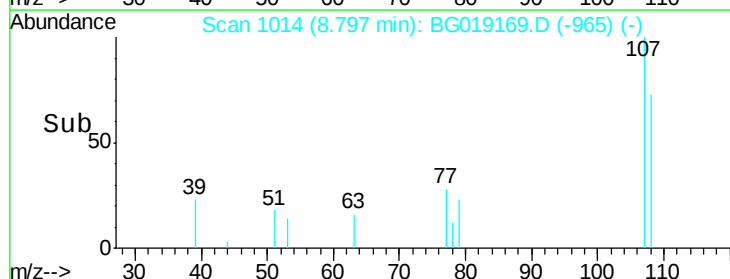
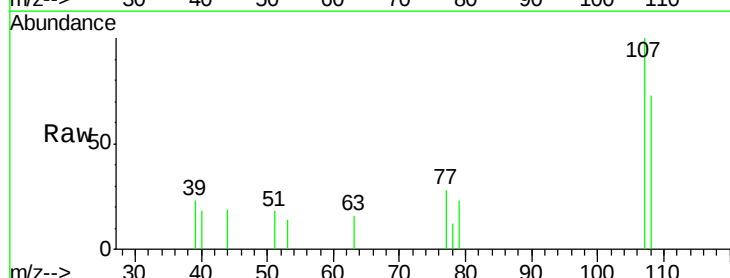
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

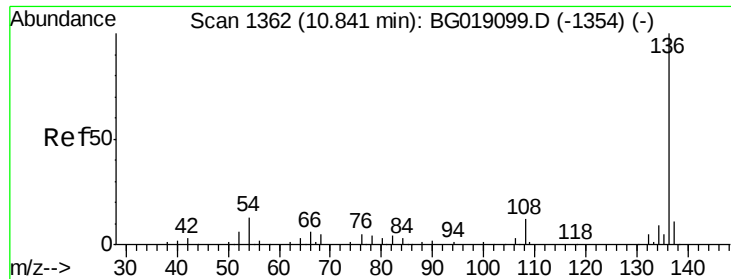
Tot Ion: 70 Resp: 1487
Ion Ratio Lower Upper
70 100
42 60.0 59.8 89.8
101 0.0 7.0 10.4#
130 0.0 14.4 21.6#



#20
3+4-Methylphenols
Concen: 1.46 ng
RT: 8.80 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BG019169.D
Acq: 12 Oct 2015 22:22

Tgt Ion: 107 Resp: 2002
Ion Ratio Lower Upper
107 100
108 72.5 66.2 106.2
77 27.9 17.8 57.8
79 23.0 12.9 52.9

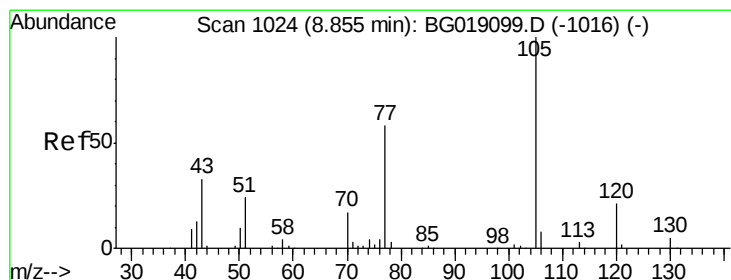
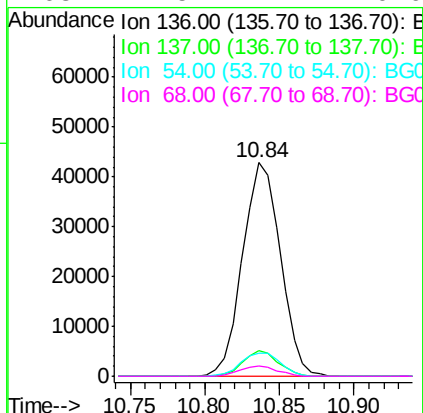
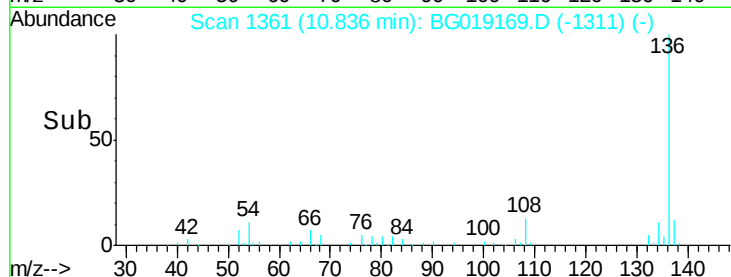
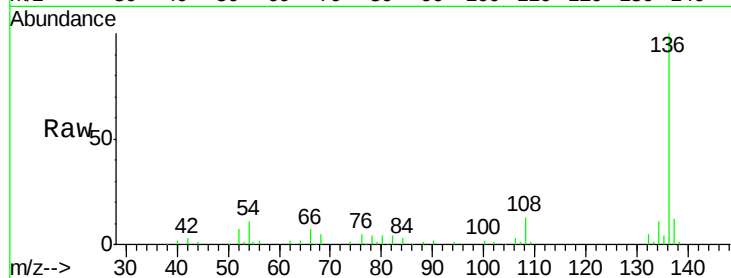




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.84 min Scan# 1361
Delta R.T. -0.00 min
Lab File: BG019169.D
Acq: 12 Oct 2015 22:22

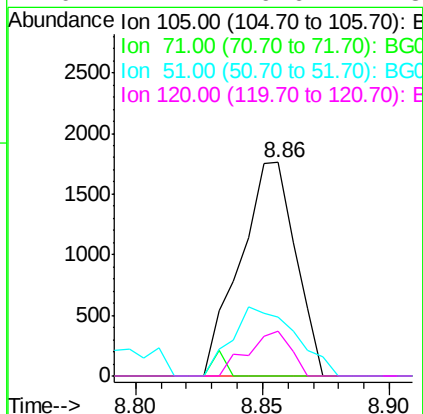
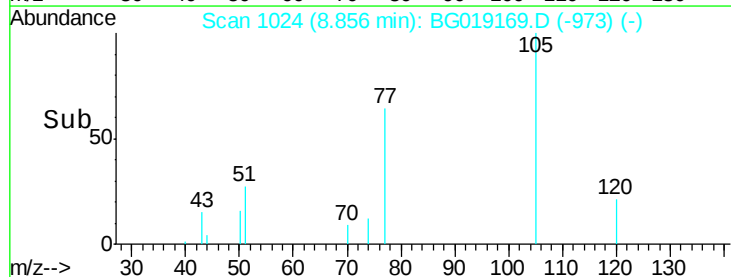
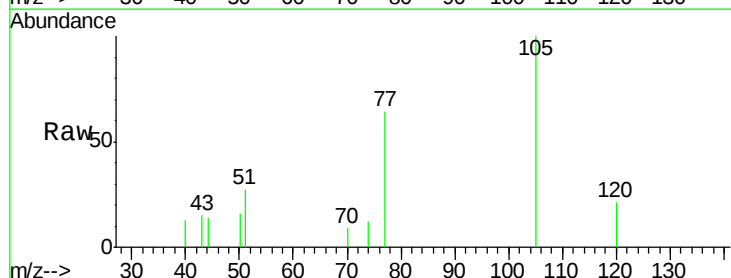
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

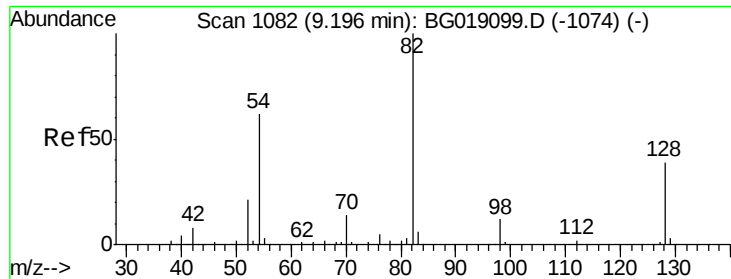
Tot Ion:136	Resp:	75084
Ion	Ratio	Lower Upper
136	100	
137	11.9	9.0 13.4
54	10.6	10.1 15.1
68	4.5	4.4 6.6



#22
Acetophenone
Concen: 1.53 ng
RT: 8.86 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BG019169.D
Acq: 12 Oct 2015 22:22

Tgt Ion:105	Resp:	2691
Ion	Ratio	Lower Upper
105	100	
71	0.0	2.2 3.2#
51	27.3	29.2 43.8#
120	21.1	16.6 24.8

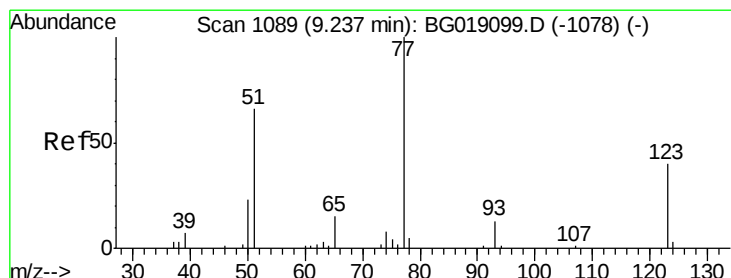
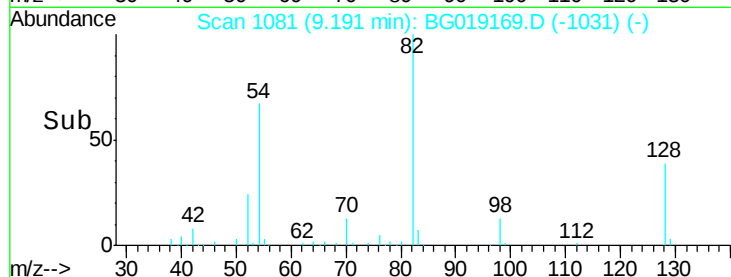
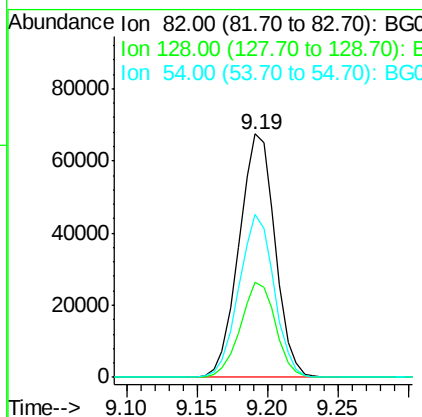
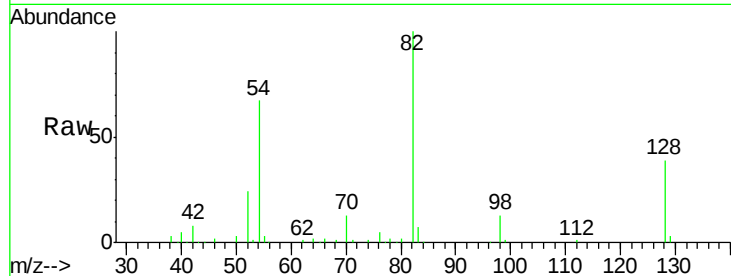




#23
 Nitrobenzene-d5
 Concen: 88.62 ng
 RT: 9.19 min Scan# 1081
 Delta R.T. -0.00 min
 Lab File: BG019169.D
 Acq: 12 Oct 2015 22:22

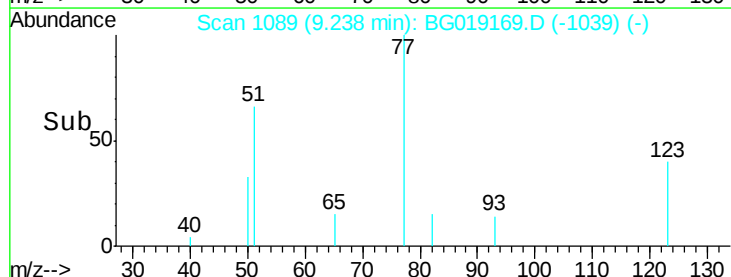
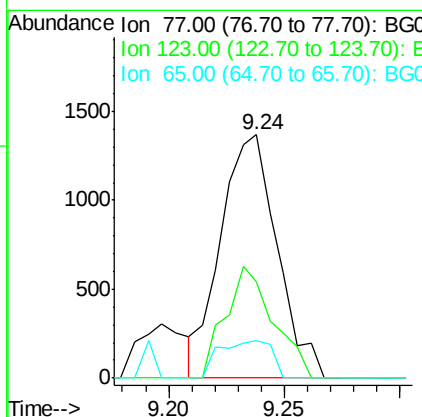
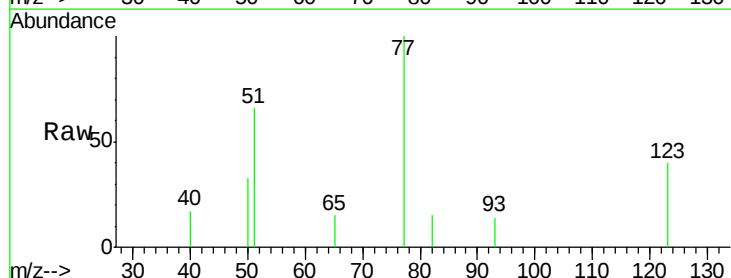
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

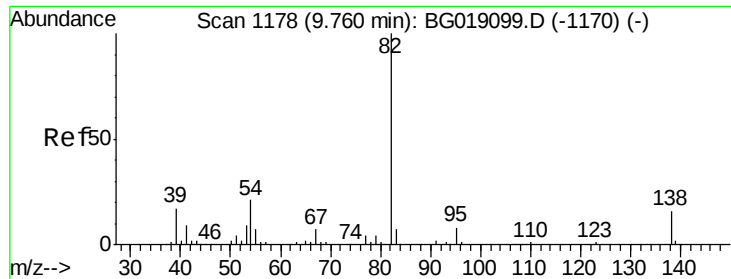
Tot Ion: 82 Resp: 120430
 Ion Ratio Lower Upper
 82 100
 128 39.0 31.4 47.2
 54 66.7 50.0 75.0



#24
 Nitrobenzene
 Concen: 1.61 ng
 RT: 9.24 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: BG019169.D
 Acq: 12 Oct 2015 22:22

Tgt Ion: 77 Resp: 2318
 Ion Ratio Lower Upper
 77 100
 123 39.6 31.8 47.6
 65 15.4 11.8 17.6

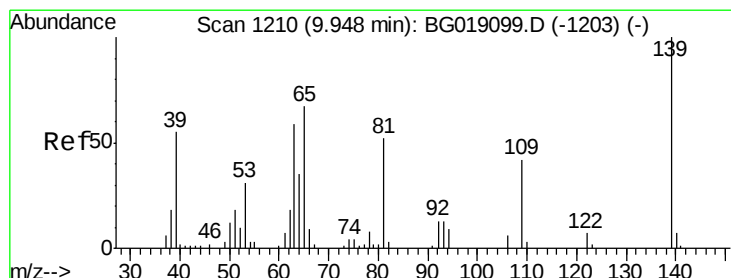
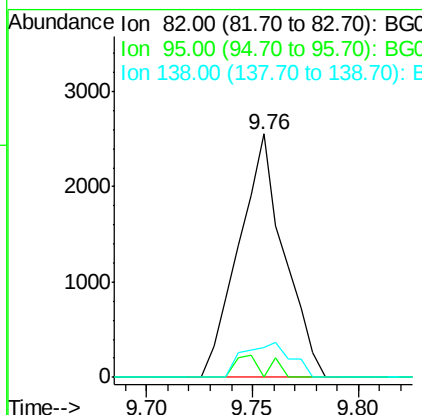
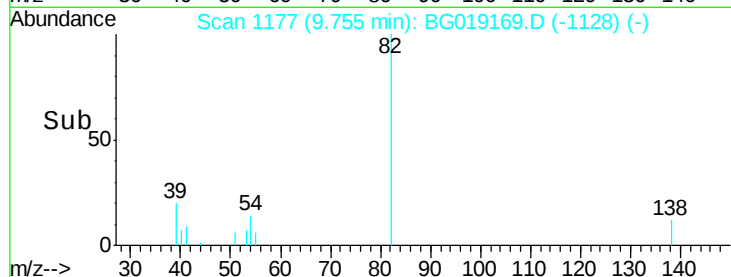
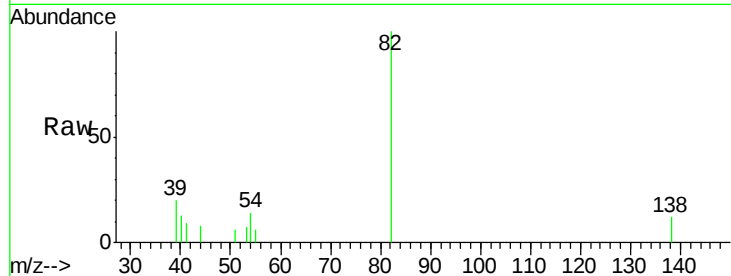




#25
Isophorone
Concen: 1.37 ng
RT: 9.76 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BG019169.D
Acq: 12 Oct 2015 22:22

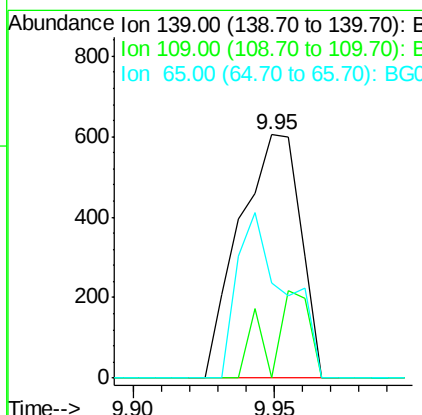
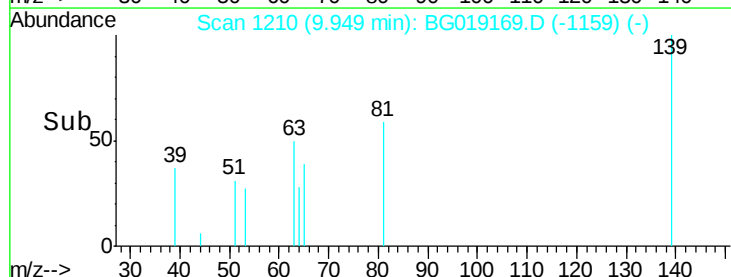
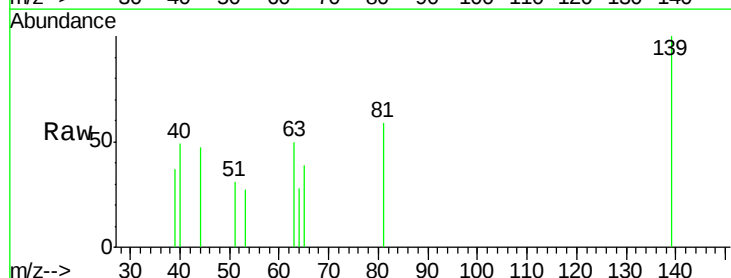
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

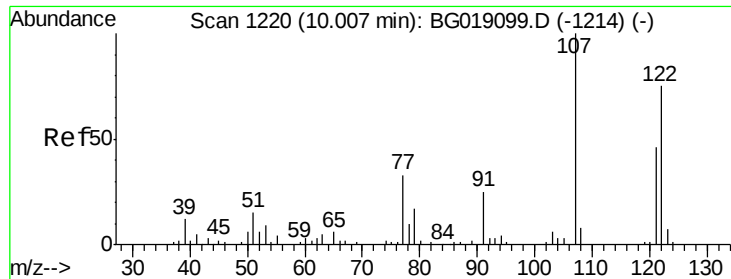
Tot Ion: 82 Resp: 3785
Ion Ratio Lower Upper
82 100
95 0.0 6.7 10.1#
138 12.2 12.6 19.0#



#26
2-Nitrophenol
Concen: 1.48 ng
RT: 9.95 min Scan# 1210
Delta R.T. 0.00 min
Lab File: BG019169.D
Acq: 12 Oct 2015 22:22

Tgt Ion: 139 Resp: 907
Ion Ratio Lower Upper
139 100
109 0.0 33.3 49.9#
65 39.2 53.6 80.4#

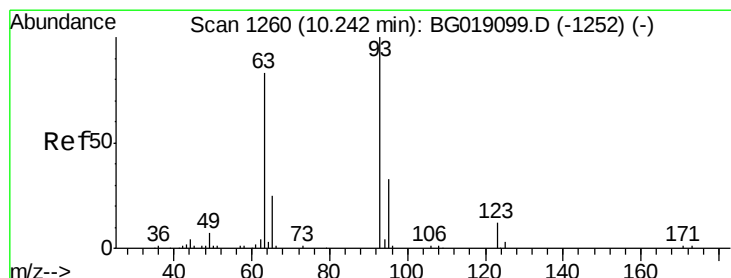
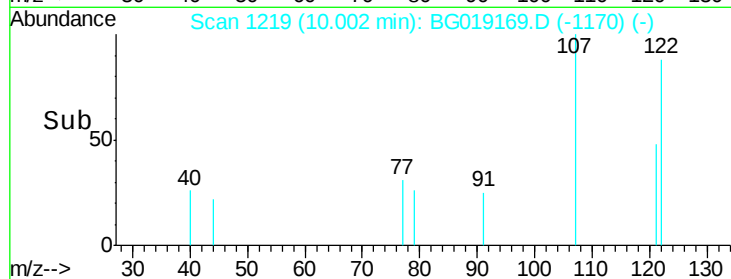
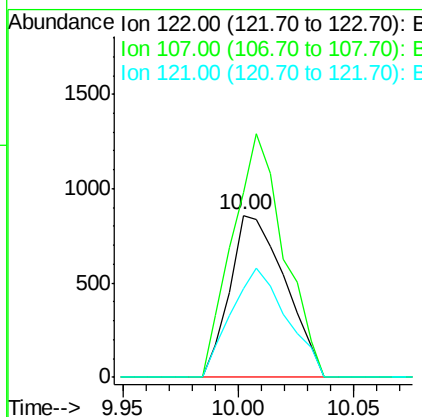
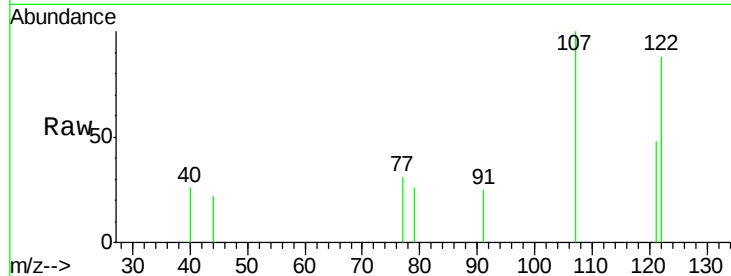




#27
 2,4-Dimethylphenol
 Concen: 1.33 ng
 RT: 10.00 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BG019169.D
 Acq: 12 Oct 2015 22:22

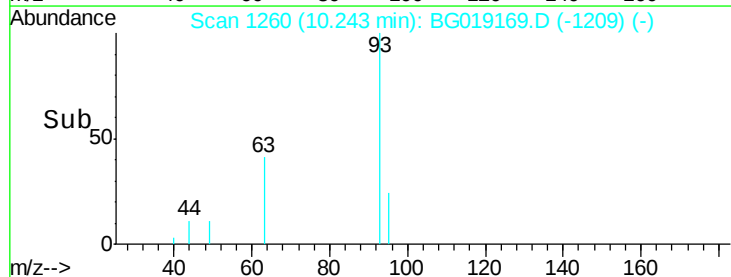
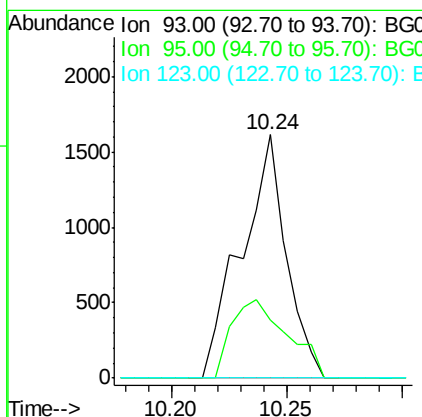
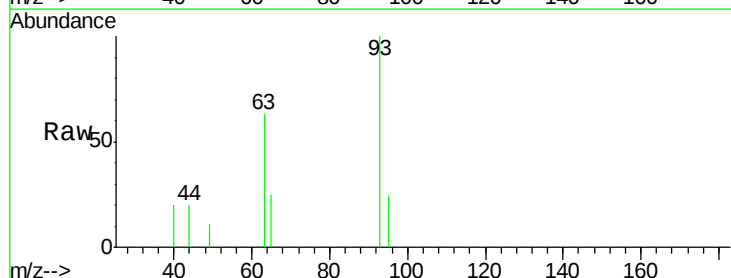
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

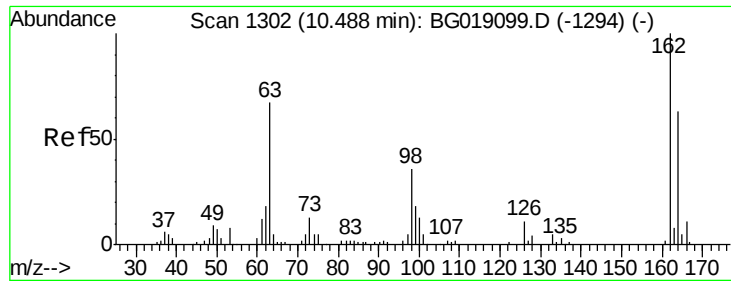
Tot Ion:122 Resp: 1431
 Ion Ratio Lower Upper
 122 100
 107 114.0 105.1 157.7
 121 54.6 48.7 73.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 1.49 ng
 RT: 10.24 min Scan# 1260
 Delta R.T. 0.00 min
 Lab File: BG019169.D
 Acq: 12 Oct 2015 22:22

Tgt Ion: 93 Resp: 2191
 Ion Ratio Lower Upper
 93 100
 95 24.0 26.5 39.7#
 123 0.0 9.4 14.2#





#29

2,4-Dichlorophenol

Concen: 1.64 ng

RT: 10.50 min Scan# 1303

Delta R.T. 0.01 min

Lab File: BG019169.D

Acq: 12 Oct 2015 22:22

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

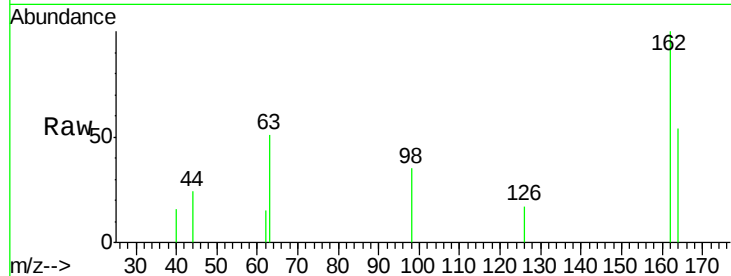
Tot Ion:162 Resp: 1844

Ion Ratio Lower Upper

162 100

164 54.4 42.8 82.8

98 34.8 16.1 56.1

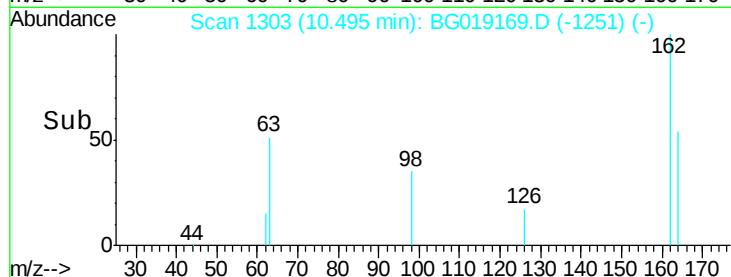


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B

Time-->

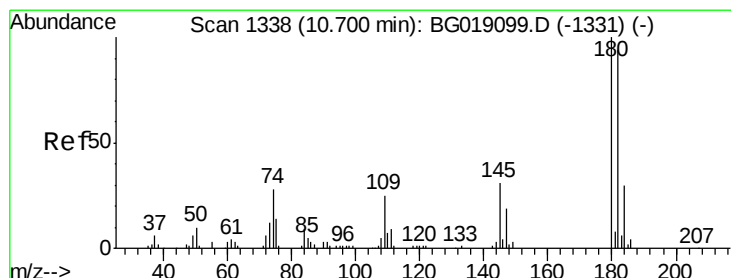


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B

Time-->



#30

1,2,4-Trichlorobenzene

Concen: 1.58 ng

RT: 10.70 min Scan# 1338

Delta R.T. 0.00 min

Lab File: BG019169.D

Acq: 12 Oct 2015 22:22

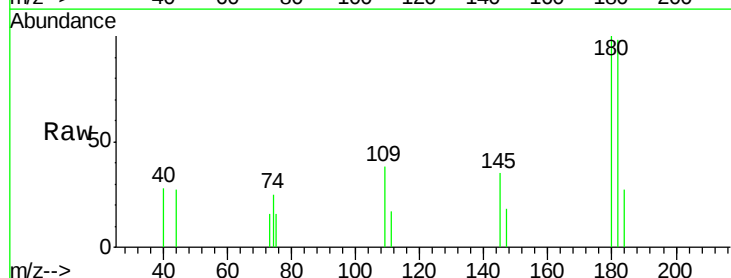
Tgt Ion:180 Resp: 1909

Ion Ratio Lower Upper

180 100

182 98.3 75.3 112.9

145 34.9 24.9 37.3

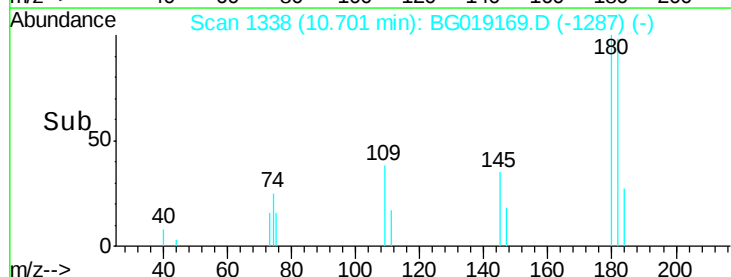


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

Time-->

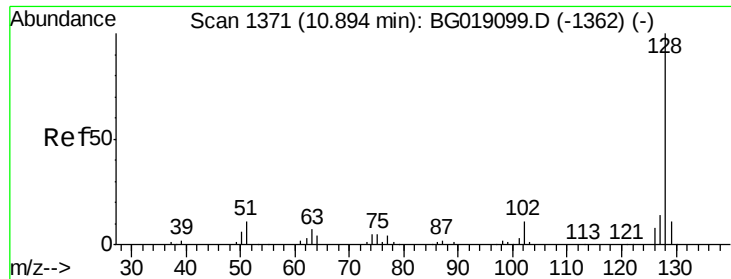


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

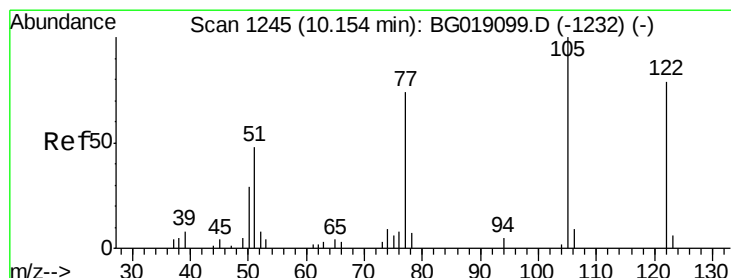
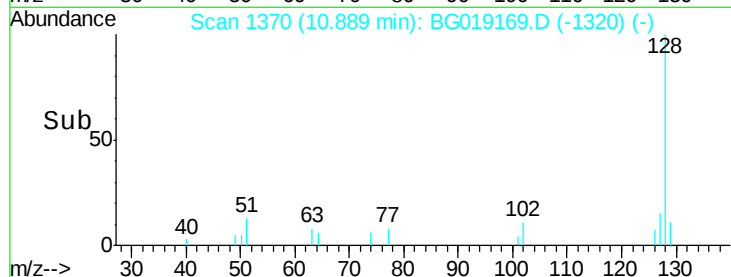
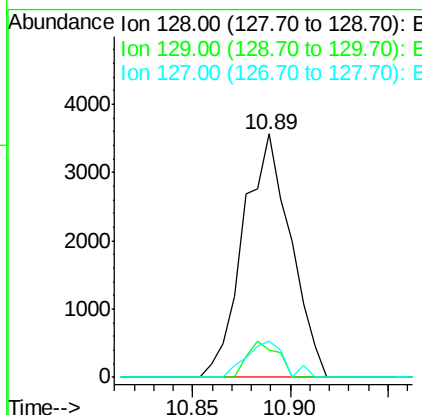
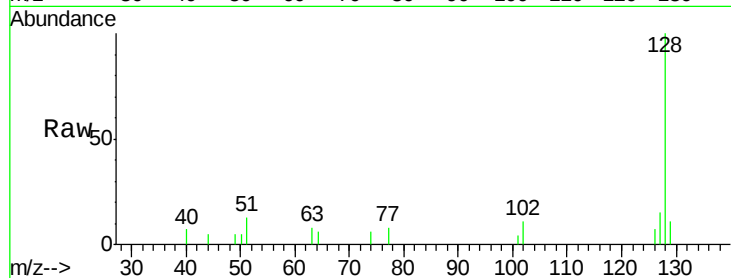
Time-->



#31
Naphthalene
Concen: 1.66 ng
RT: 10.89 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BG019169.D
Acq: 12 Oct 2015 22:22

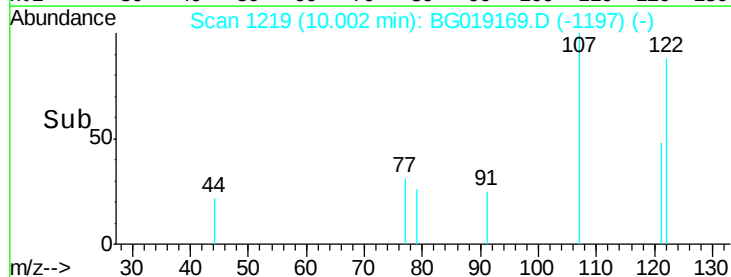
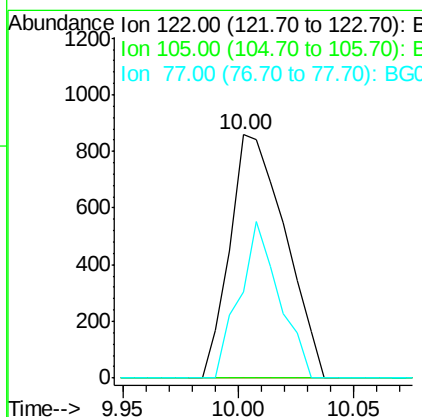
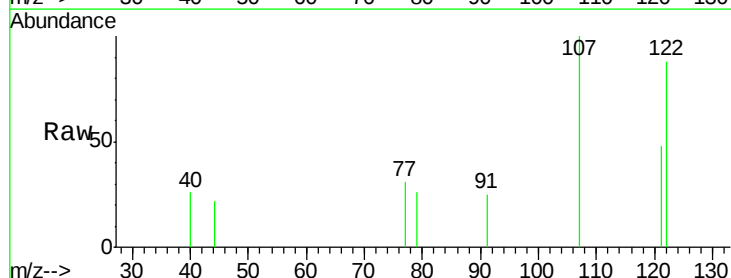
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

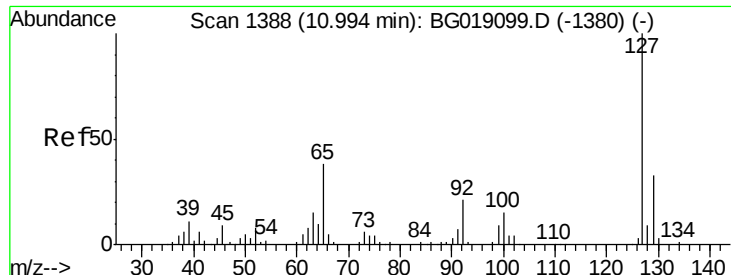
Tot Ion:128 Resp: 5998
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 14.8 11.4 17.0



#32
Benzoic acid
Concen: 9.59 ng
RT: 10.00 min Scan# 1219
Delta R.T. -0.17 min
Lab File: BG019169.D
Acq: 12 Oct 2015 22:22

Tgt Ion:122 Resp: 1431
Ion Ratio Lower Upper
122 100
105 0.0 107.0 147.0#
77 35.6 73.4 113.4#

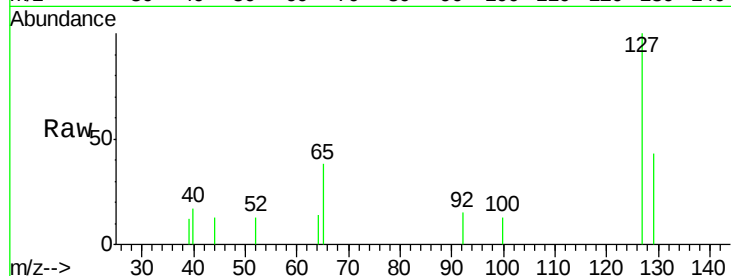




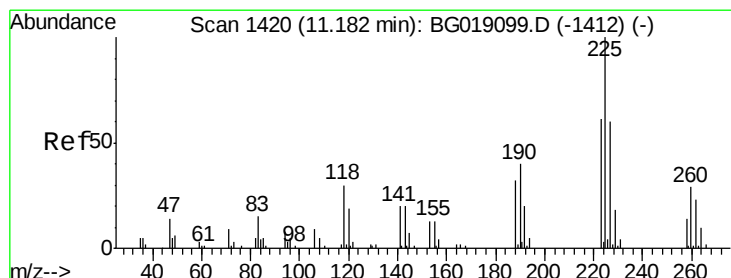
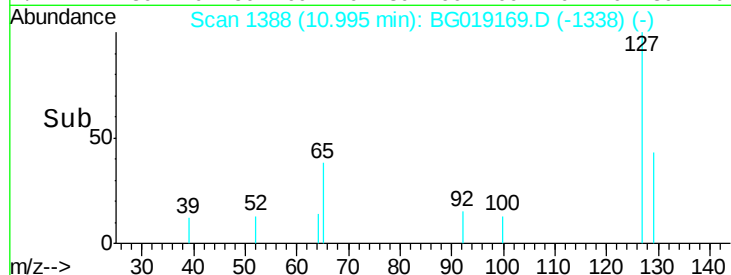
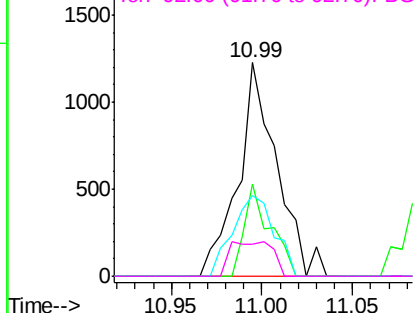
#33
4-Chloroaniline
Concen: 1.08 ng
RT: 10.99 min Scan# 1388
Delta R.T. -0.00 min
Lab File: BG019169.D
Acq: 12 Oct 2015 22:22

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tot Ion:127 Resp: 1810
Ion Ratio Lower Upper
127 100
129 43.1 26.2 39.2#
65 37.8 30.4 45.6
92 14.9 16.9 25.3#

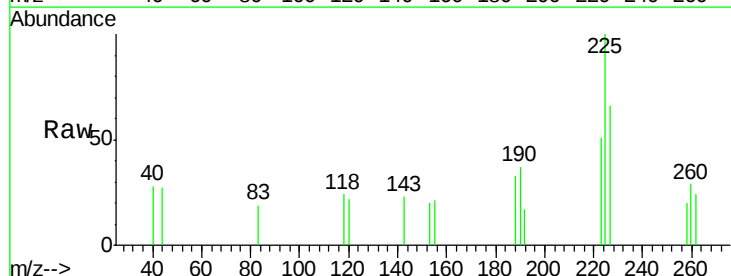


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

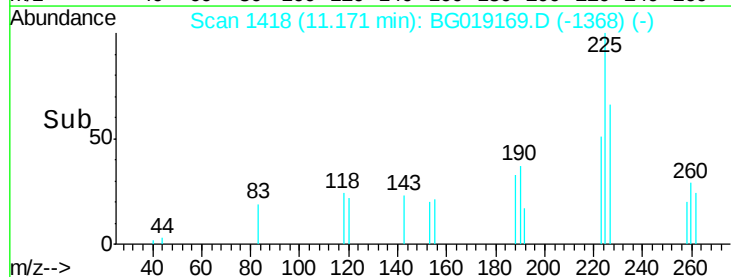
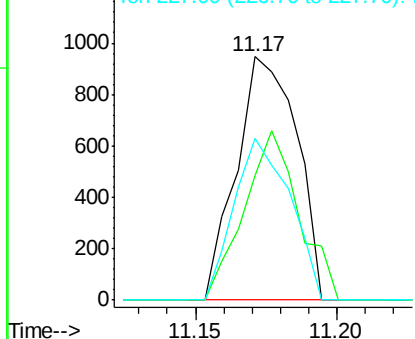


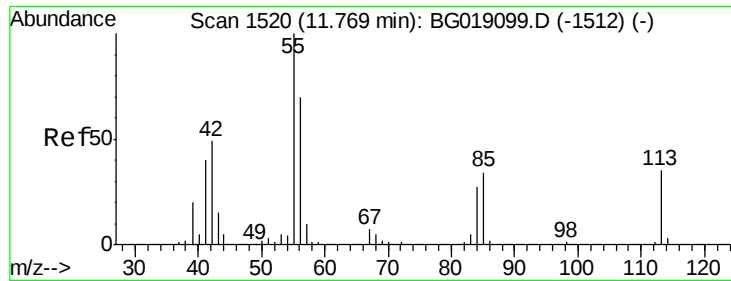
#34
Hexachlorobutadiene
Concen: 1.69 ng
RT: 11.17 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BG019169.D
Acq: 12 Oct 2015 22:22

Tgt Ion:225 Resp: 1402
Ion Ratio Lower Upper
225 100
223 51.3 48.6 72.8
227 66.2 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: 0.53 ng

RT: 11.75 min Scan# 1516

Delta R.T. -0.05 min

Lab File: BG019169.D

Acq: 12 Oct 2015 22:22

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

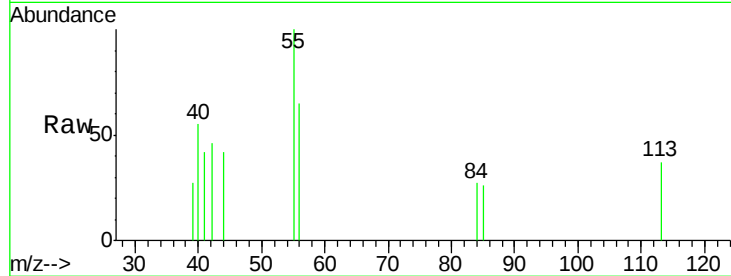
Tot Ion:113 Resp: 218

Ion Ratio Lower Upper

113 100

55 268.1 263.4 303.4

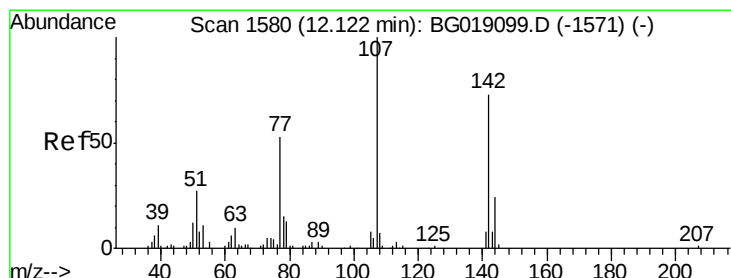
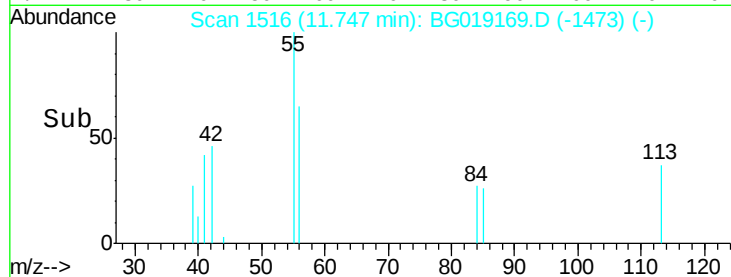
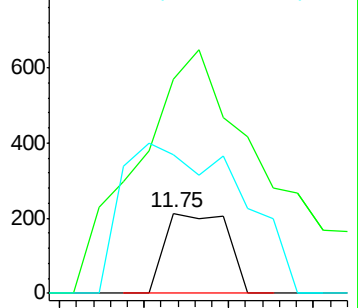
56 173.7 179.0 219.0#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 1.45 ng

RT: 12.12 min Scan# 1579

Delta R.T. -0.01 min

Lab File: BG019169.D

Acq: 12 Oct 2015 22:22

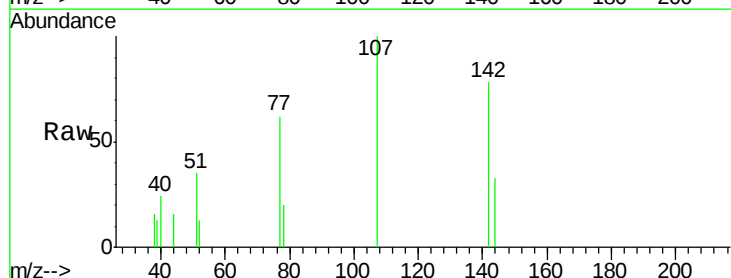
Tgt Ion:107 Resp: 2074

Ion Ratio Lower Upper

107 100

144 33.2 19.0 28.6#

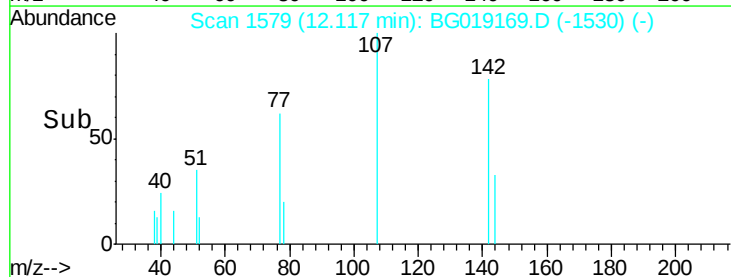
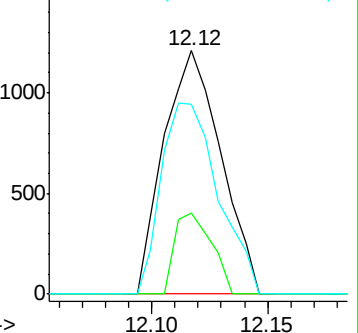
142 78.0 58.5 87.7

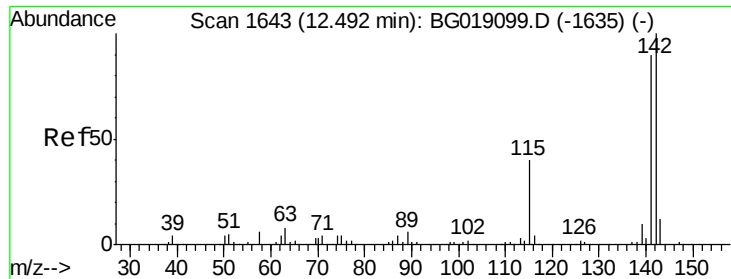


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

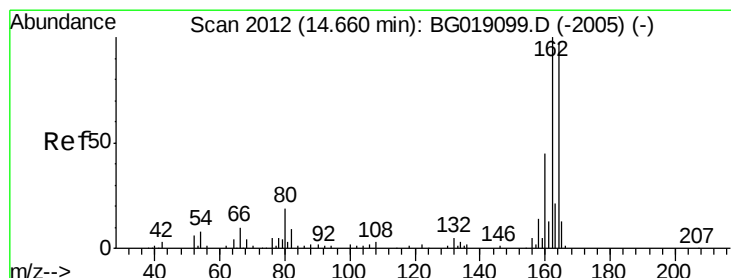
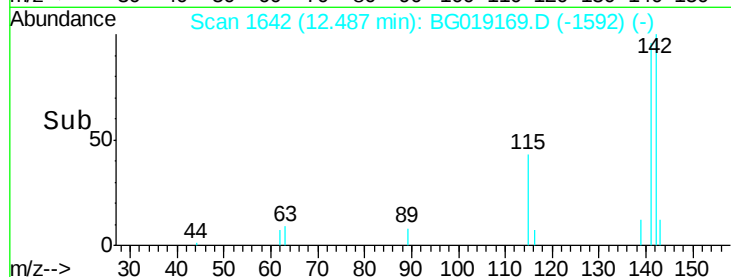
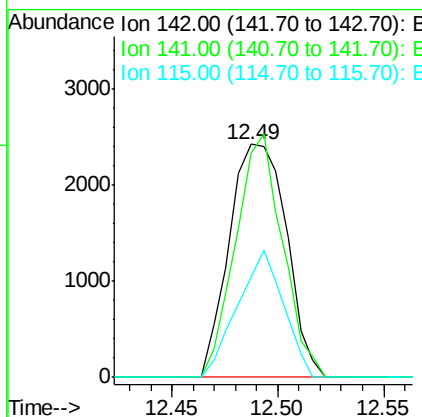
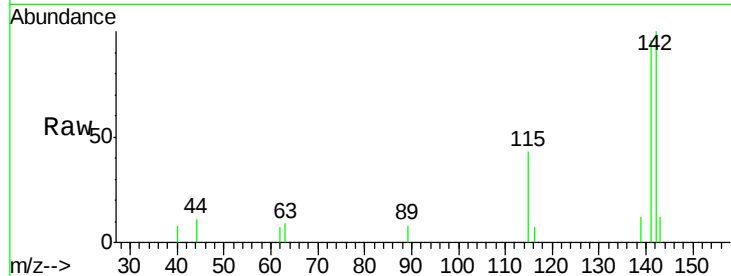




#37
2-Methylnaphthalene
Concen: 1.62 ng
RT: 12.49 min Scan# 1642
Delta R.T. -0.00 min
Lab File: BG019169.D
Acq: 12 Oct 2015 22:22

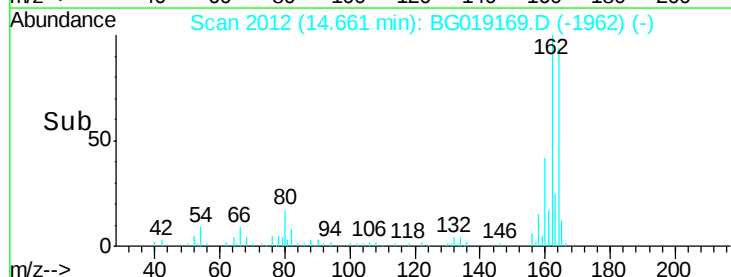
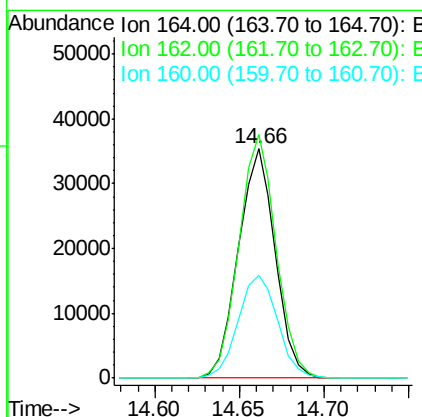
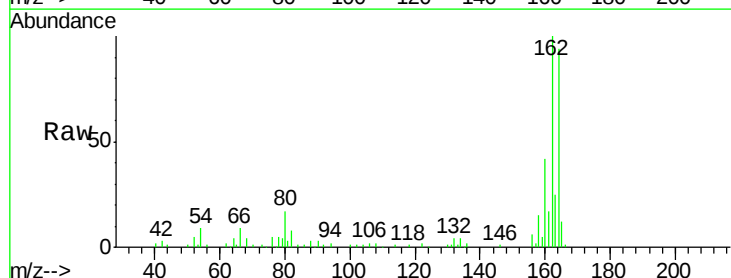
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

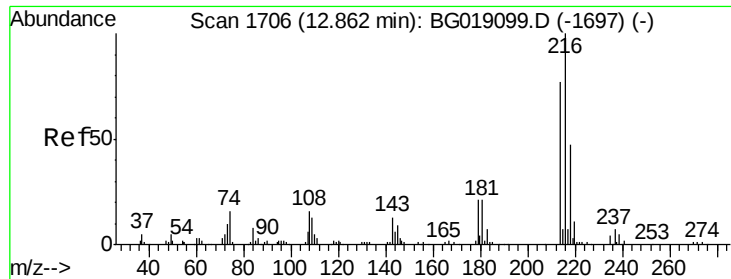
Tot Ion:142 Resp: 4554
Ion Ratio Lower Upper
142 100
141 96.3 72.1 108.1
115 43.0 31.8 47.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.66 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BG019169.D
Acq: 12 Oct 2015 22:22

Tgt Ion:164 Resp: 53452
Ion Ratio Lower Upper
164 100
162 106.1 82.6 124.0
160 44.6 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 1.70 ng

RT: 12.86 min Scan# 1705

Delta R.T. -0.00 min

Lab File: BG019169.D

Acq: 12 Oct 2015 22:22

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

Tot Ion:216 Resp: 2614

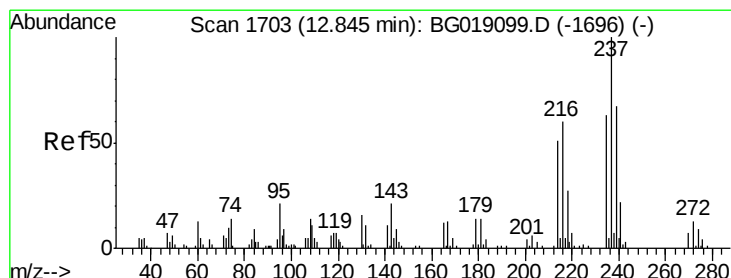
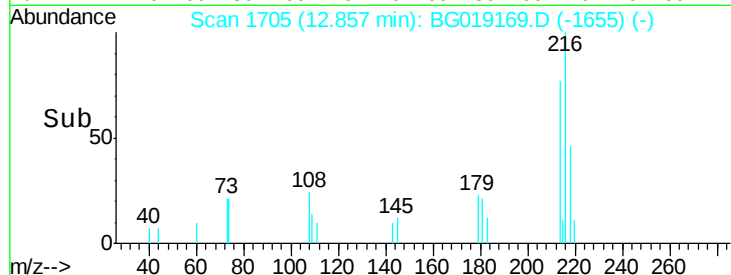
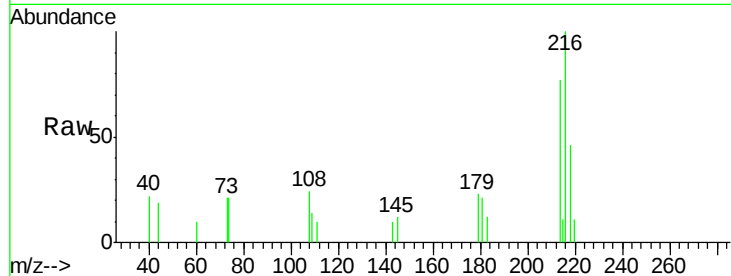
Ion	Ratio	Lower	Upper
216	100		
214	80.0	64.0	96.0
179	17.8	16.9	25.3
108	15.8	14.7	22.1

Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 0.70 ng

RT: 12.84 min Scan# 1702

Delta R.T. -0.00 min

Lab File: BG019169.D

Acq: 12 Oct 2015 22:22

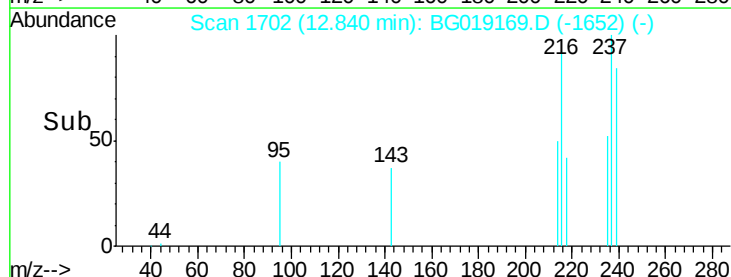
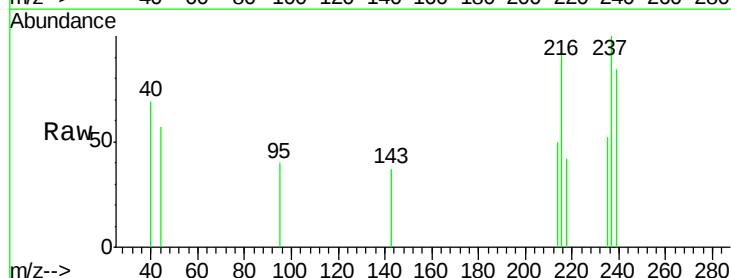
Tgt Ion:237 Resp: 562

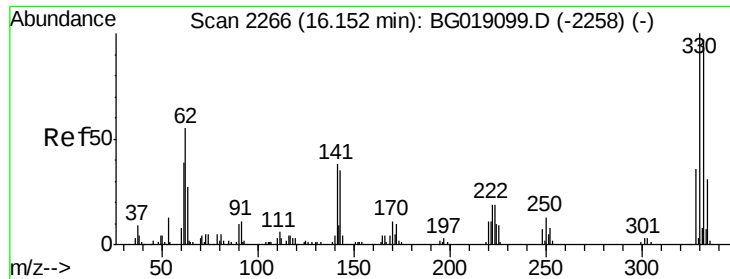
Ion	Ratio	Lower	Upper
237	100		
235	51.7	43.2	83.2
272	0.0	0.0	33.2

Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

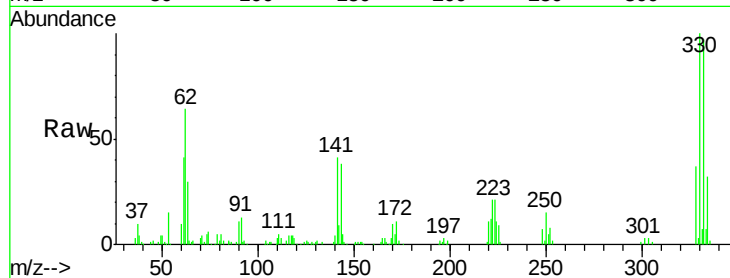




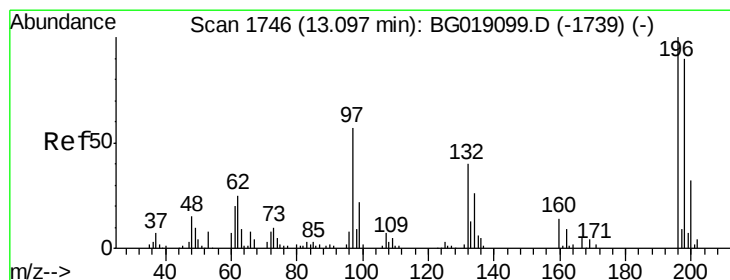
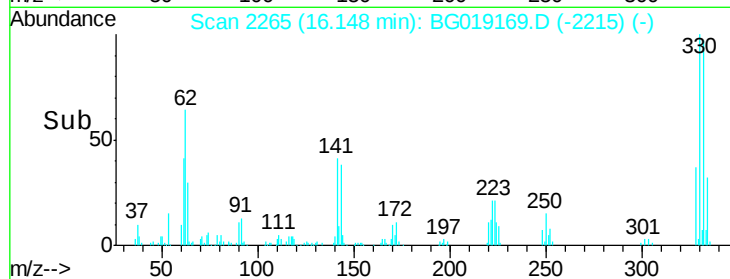
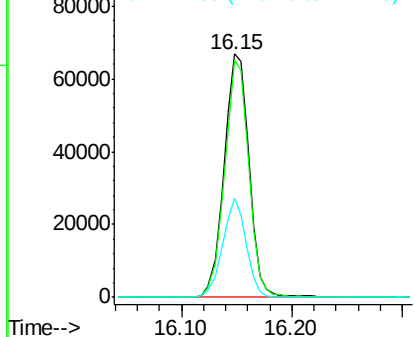
#41
 2,4,6-Tribromophenol
 Concen: 145.60 ng
 RT: 16.15 min Scan# 2265
 Delta R.T. -0.00 min
 Lab File: BG019169.D
 Acq: 12 Oct 2015 22:22

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

Tot Ion:330 Resp: 106053
 Ion Ratio Lower Upper
 330 100
 332 94.2 77.3 115.9
 141 38.0 30.7 46.1

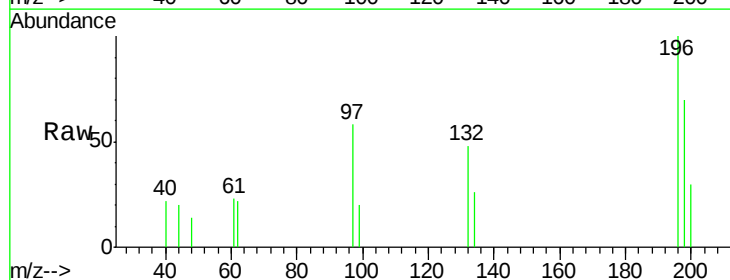


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

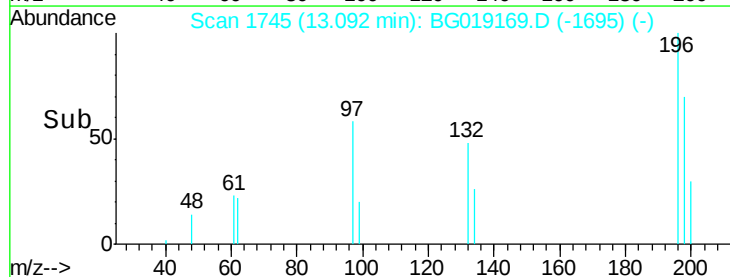
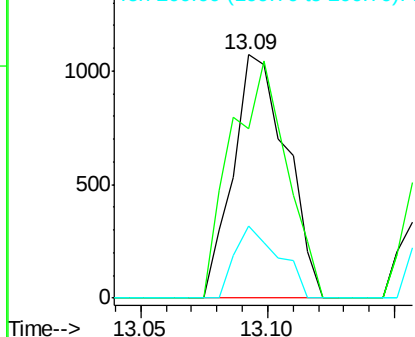


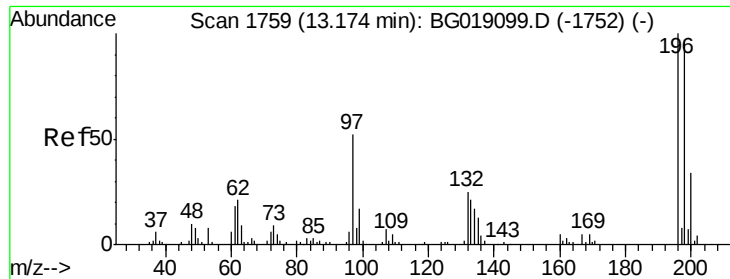
#42
 2,4,6-Trichlorophenol
 Concen: 1.47 ng
 RT: 13.09 min Scan# 1745
 Delta R.T. -0.00 min
 Lab File: BG019169.D
 Acq: 12 Oct 2015 22:22

Tgt Ion:196 Resp: 1574
 Ion Ratio Lower Upper
 196 100
 198 69.8 72.0 108.0#
 200 29.6 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

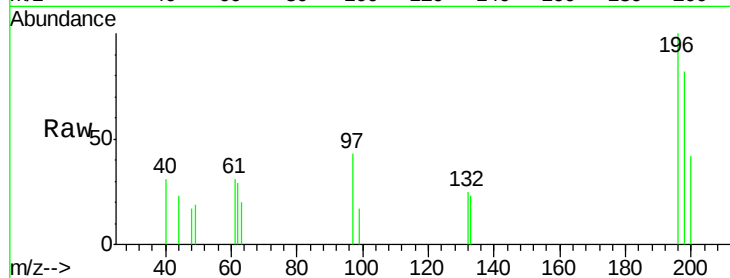




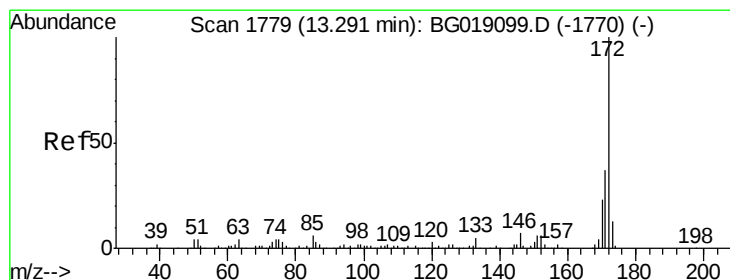
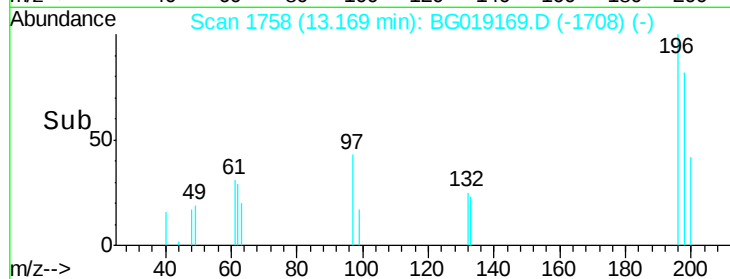
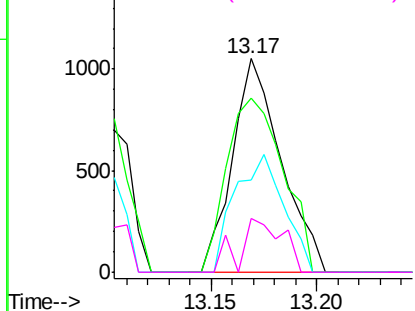
#43
 2,4,5-Trichlorophenol
 Concen: 1.48 ng
 RT: 13.17 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: BG019169.D
 Acq: 12 Oct 2015 22:22

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

Tot Ion:196 Resp: 1677
 Ion Ratio Lower Upper
 196 100
 198 81.5 77.7 116.5
 97 43.3 41.4 62.2
 132 25.4 20.6 30.8

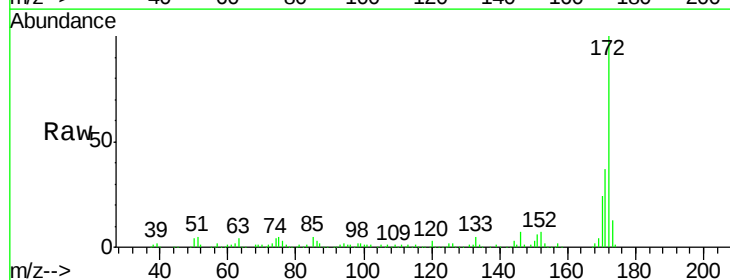


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

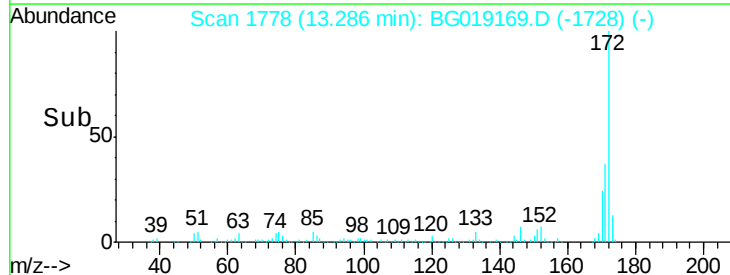
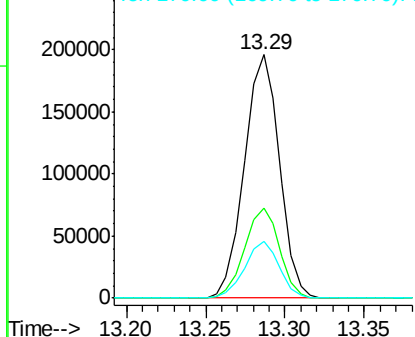


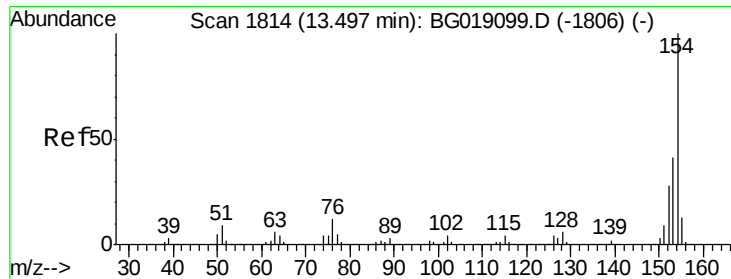
#44
 2-Fluorobiphenyl
 Concen: 86.60 ng
 RT: 13.29 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: BG019169.D
 Acq: 12 Oct 2015 22:22

Tgt Ion:172 Resp: 301053
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.9 44.9
 170 23.5 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

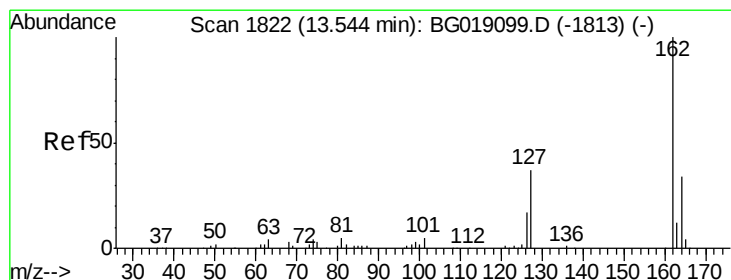
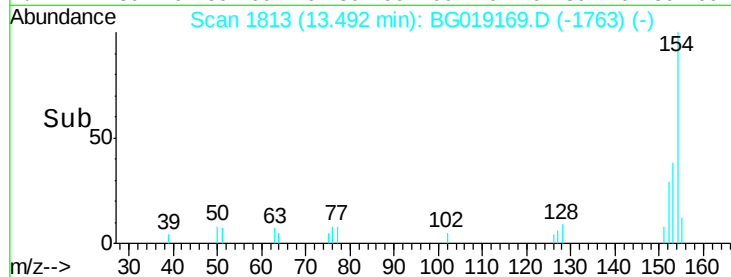
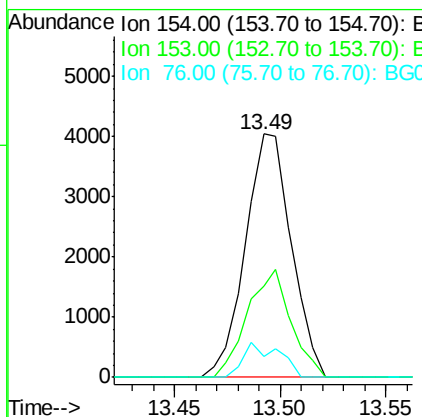
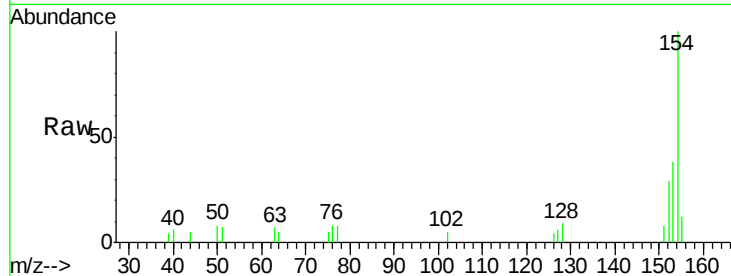




#45
 1,1'-Biphenyl
 Concen: 1.57 ng
 RT: 13.49 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: BG019169.D
 Acq: 12 Oct 2015 22:22

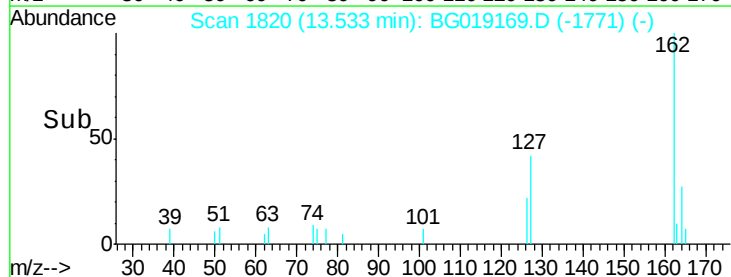
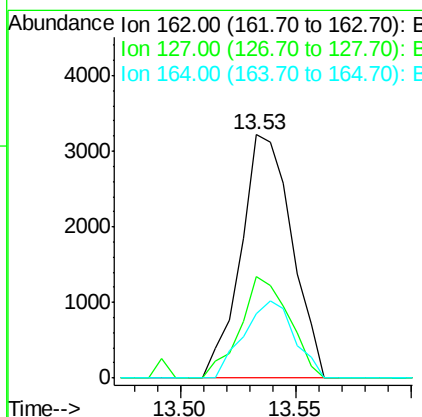
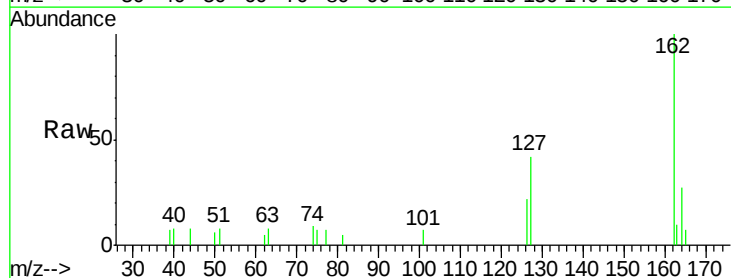
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

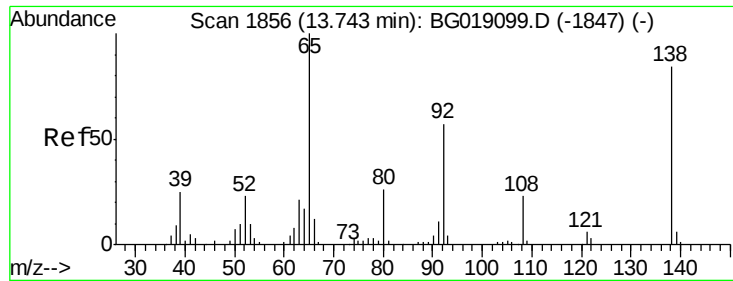
Tot Ion	Ratio	Lower	Upper
154	100		
153	37.6	20.6	60.6
76	8.4	0.0	32.2



#46
 2-Chloronaphthalene
 Concen: 1.66 ng
 RT: 13.53 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BG019169.D
 Acq: 12 Oct 2015 22:22

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.9	32.2	48.4
164	26.5	27.3	40.9#

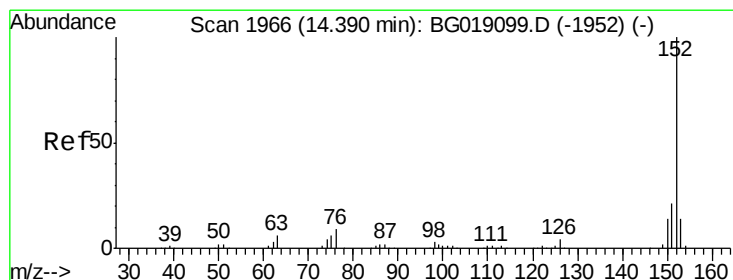
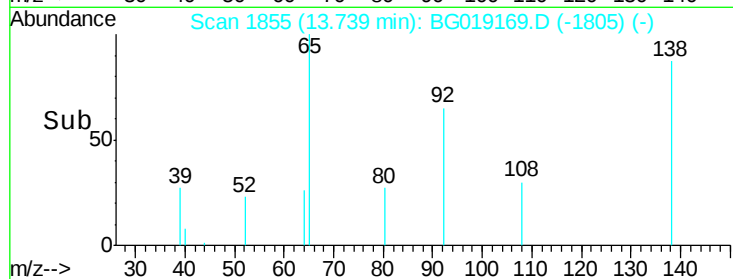
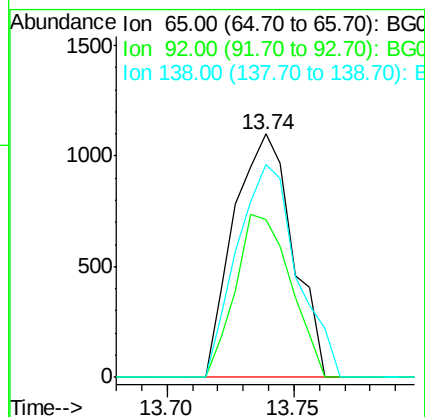
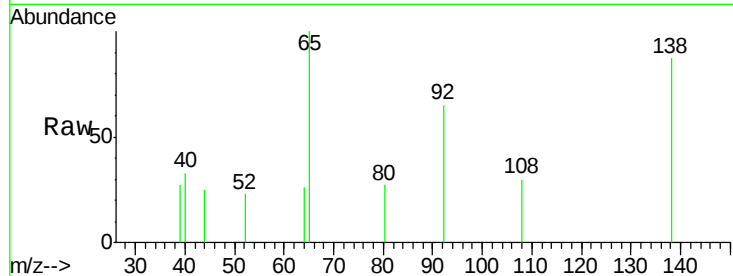




#47
2-Nitroaniline
Concen: 1.49 ng
RT: 13.74 min Scan# 1855
Delta R.T. -0.00 min
Lab File: BG019169.D
Acq: 12 Oct 2015 22:22

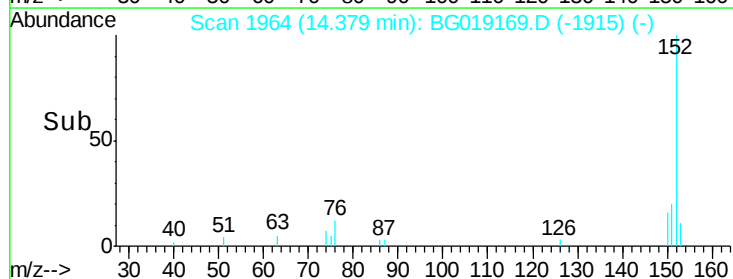
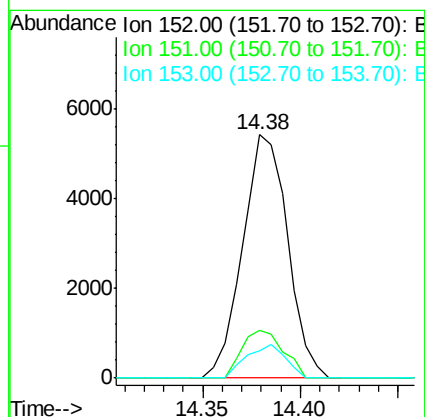
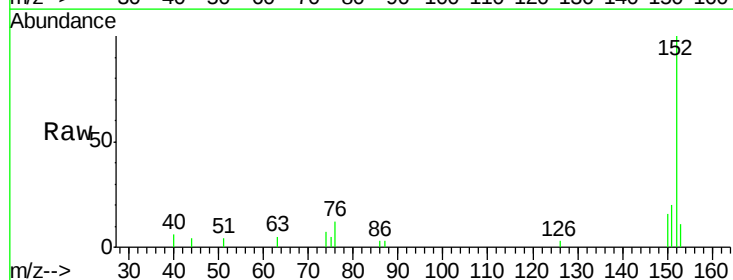
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

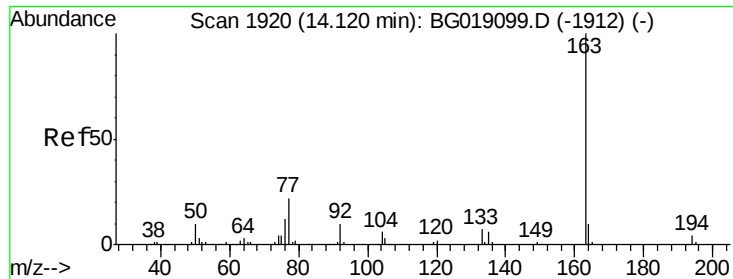
Tot Ion: 65 Resp: 1786
Ion Ratio Lower Upper
65 100
92 64.6 45.8 68.8
138 87.5 66.9 100.3



#48
Acenaphthylene
Concen: 1.64 ng
RT: 14.38 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BG019169.D
Acq: 12 Oct 2015 22:22

Tgt Ion: 152 Resp: 8646
Ion Ratio Lower Upper
152 100
151 19.6 16.8 25.2
153 11.3 11.0 16.4





#49

Dimethylphthalate

Concen: 1.58 ng

RT: 14.11 min Scan# 1918

Delta R.T. -0.01 min

Lab File: BG019169.D

Acq: 12 Oct 2015 22:22

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

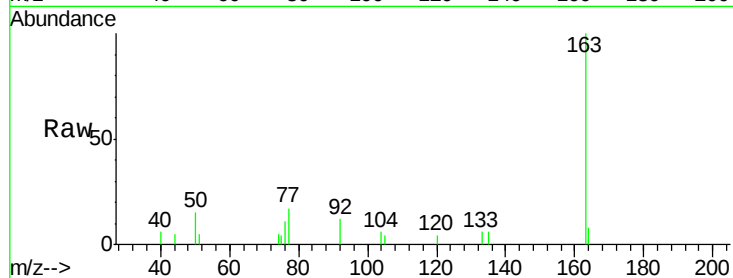
Tot Ion:163 Resp: 6668

Ion Ratio Lower Upper

163 100

194 0.0 3.2 4.8#

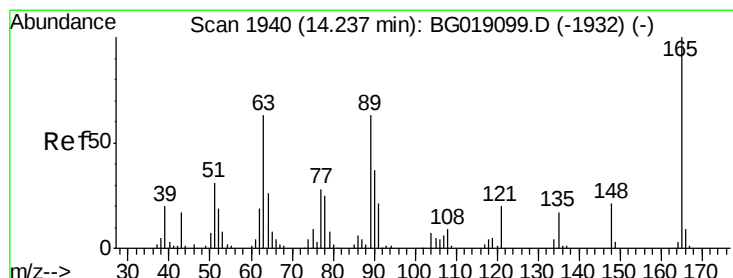
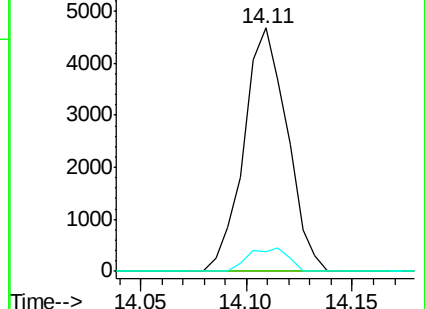
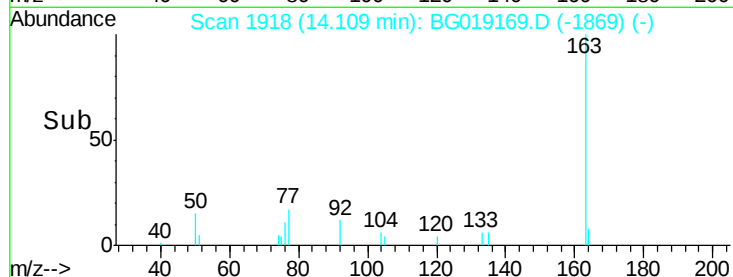
164 8.2 8.1 12.1



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: 1.48 ng

RT: 14.23 min Scan# 1939

Delta R.T. -0.00 min

Lab File: BG019169.D

Acq: 12 Oct 2015 22:22

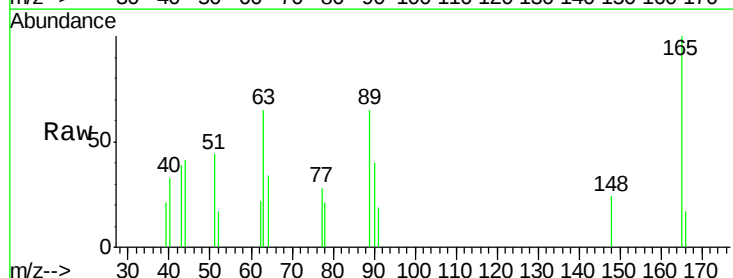
Tgt Ion:165 Resp: 1338

Ion Ratio Lower Upper

165 100

63 65.2 52.6 78.8

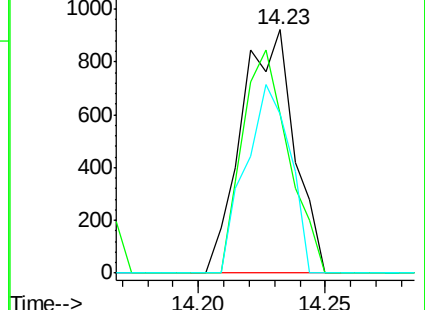
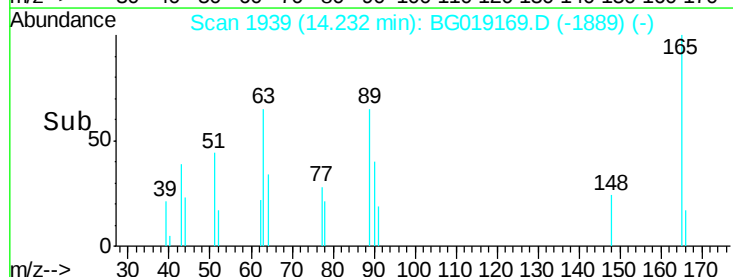
89 65.3 50.6 76.0

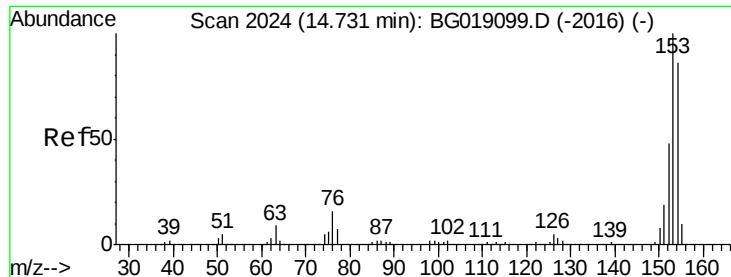


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG





#51

Acenaphthene

Concen: 1.67 ng

RT: 14.72 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BG019169.D

Acq: 12 Oct 2015 22:22

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

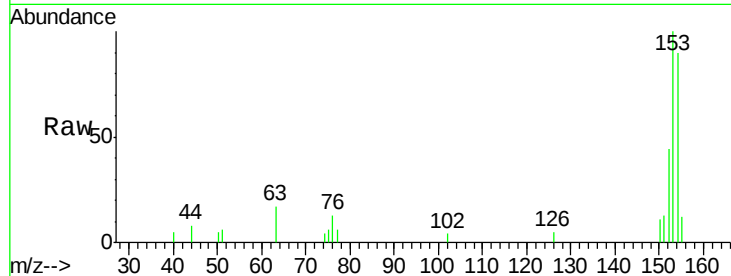
Tot Ion:154 Resp: 5278

Ion Ratio Lower Upper

154 100

153 110.9 93.4 140.2

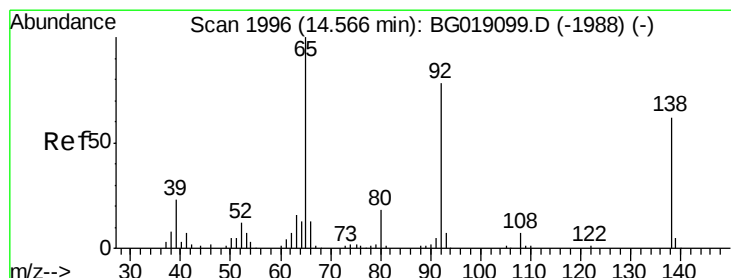
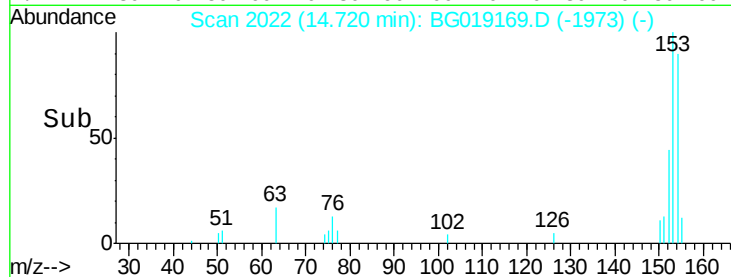
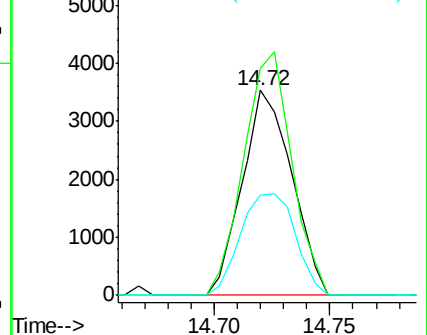
152 49.1 44.9 67.3



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: 1.20 ng

RT: 14.57 min Scan# 1996

Delta R.T. -0.00 min

Lab File: BG019169.D

Acq: 12 Oct 2015 22:22

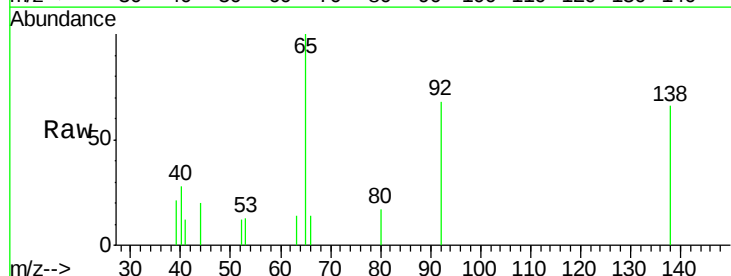
Tgt Ion:138 Resp: 1194

Ion Ratio Lower Upper

138 100

108 0.0 8.6 13.0#

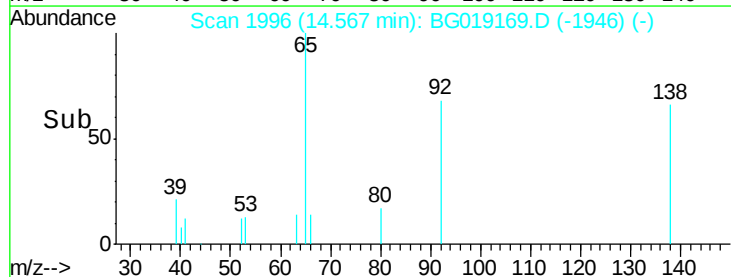
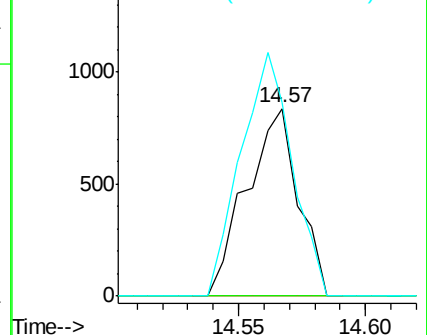
92 103.6 101.4 152.0

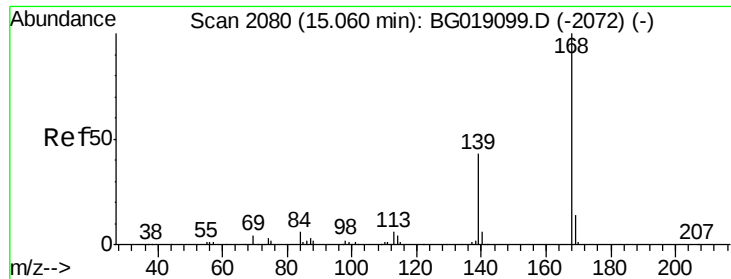


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

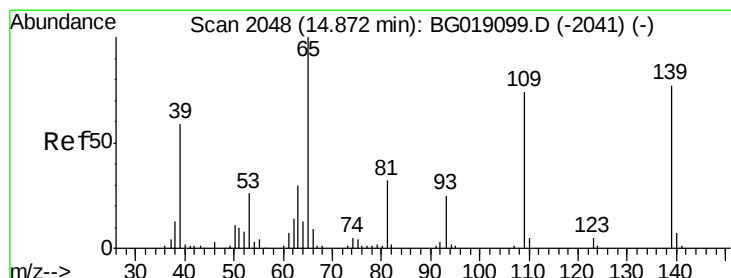
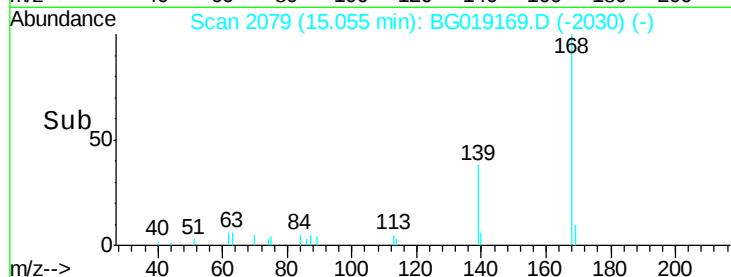
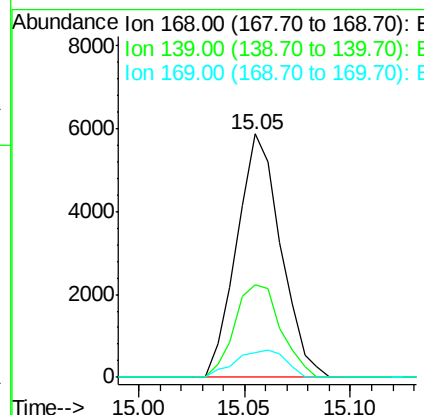
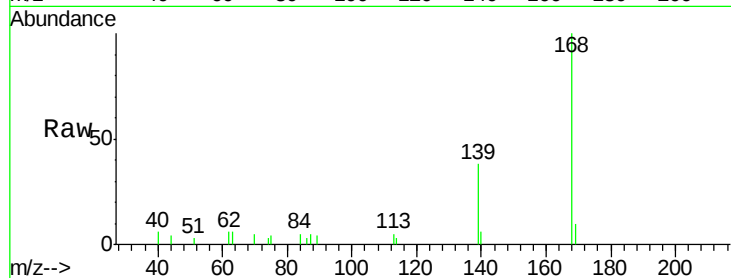




#54
Dibenzenofuran
Concen: 1.81 ng
RT: 15.05 min Scan# 2079
Delta R.T. -0.01 min
Lab File: BG019169.D
Acq: 12 Oct 2015 22:22

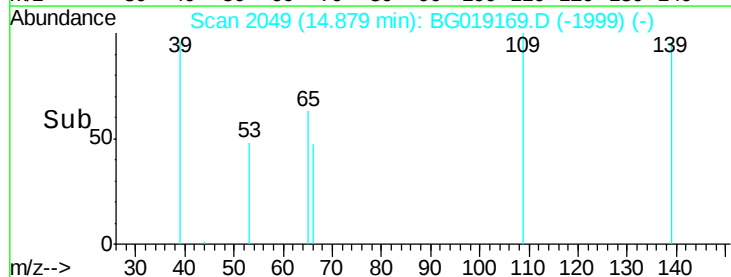
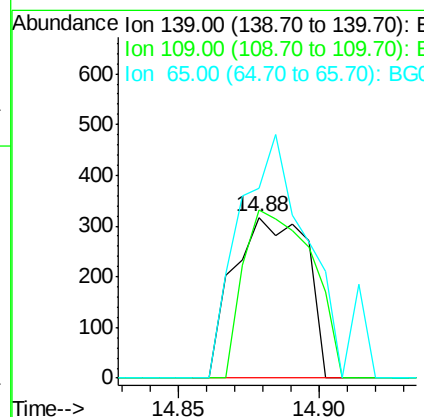
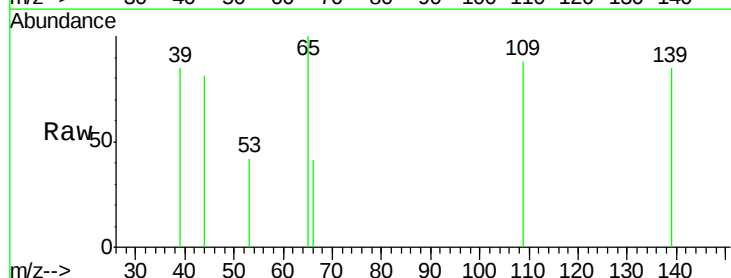
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

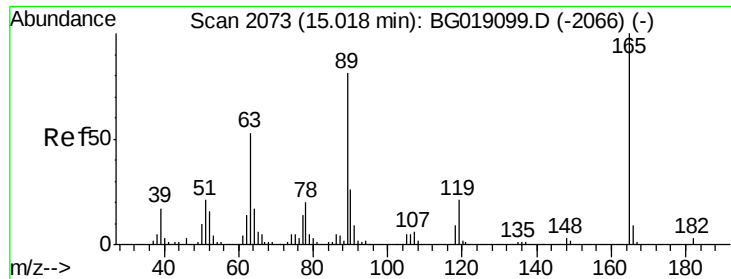
Tot Ion:168 Resp: 8468
Ion Ratio Lower Upper
168 100
139 37.9 34.2 51.4
169 10.2 11.4 17.0#



#55
4-Nitrophenol
Concen: 0.75 ng
RT: 14.88 min Scan# 2049
Delta R.T. -0.00 min
Lab File: BG019169.D
Acq: 12 Oct 2015 22:22

Tgt Ion:139 Resp: 568
Ion Ratio Lower Upper
139 100
109 104.4 76.8 116.8
65 118.3 110.0 150.0

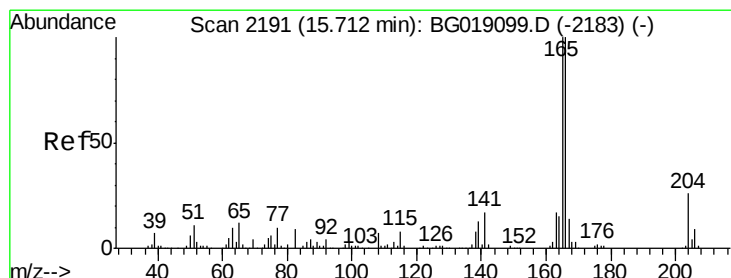
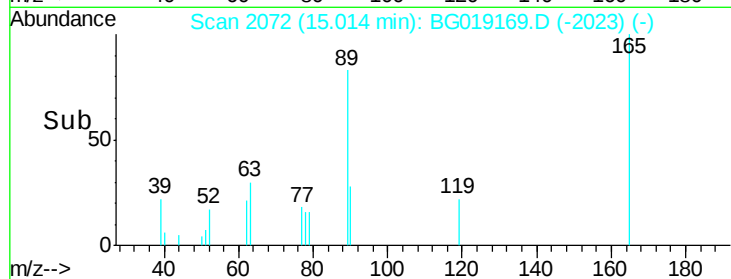
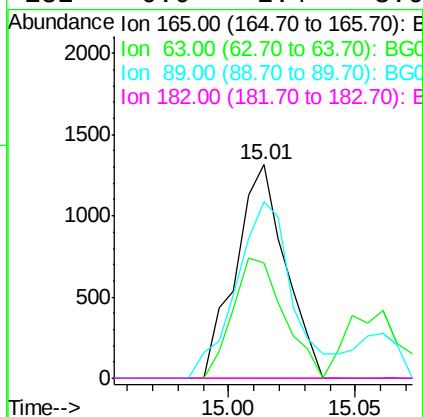
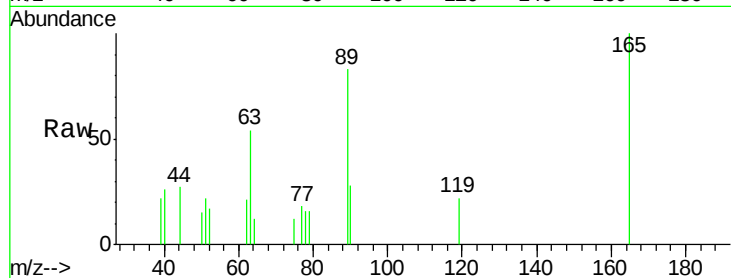




#56
2,4-Dinitrotoluene
Concen: 1.36 ng
RT: 15.01 min Scan# 2072
Delta R.T. -0.01 min
Lab File: BG019169.D
Acq: 12 Oct 2015 22:22

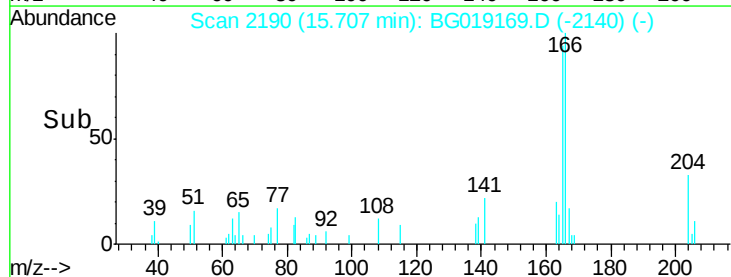
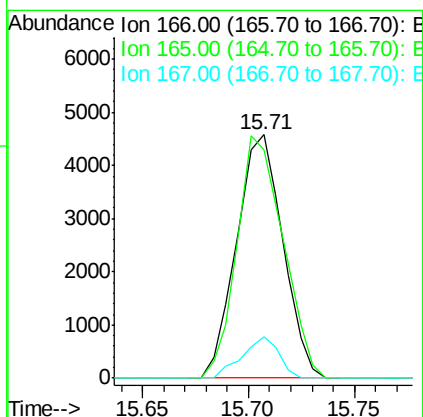
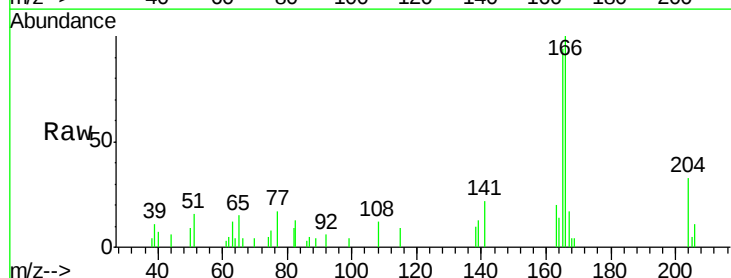
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

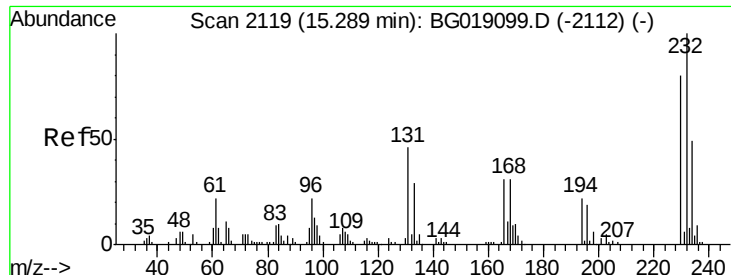
Tot Ion:165 Resp: 1789
Ion Ratio Lower Upper
165 100
63 53.8 42.2 63.2
89 82.8 64.8 97.2
182 0.0 2.4 3.6#



#57
Fluorene
Concen: 1.71 ng
RT: 15.71 min Scan# 2190
Delta R.T. -0.00 min
Lab File: BG019169.D
Acq: 12 Oct 2015 22:22

Tgt Ion:166 Resp: 6952
Ion Ratio Lower Upper
166 100
165 93.6 80.2 120.2
167 17.1 11.4 17.0#

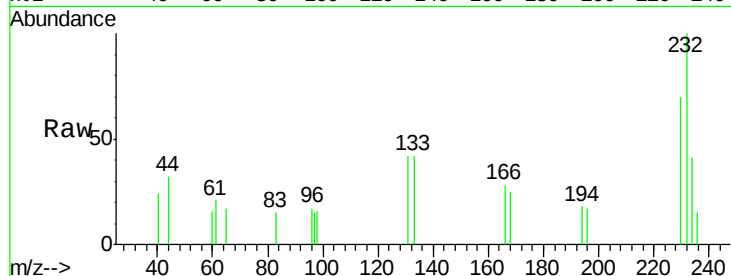




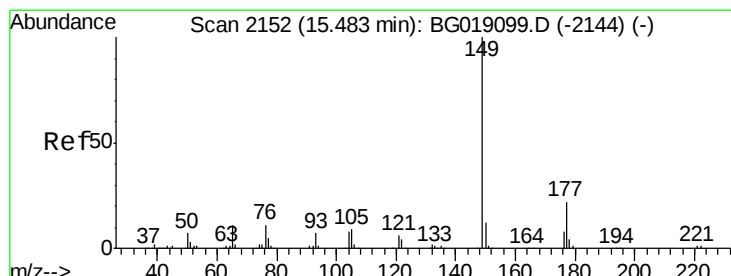
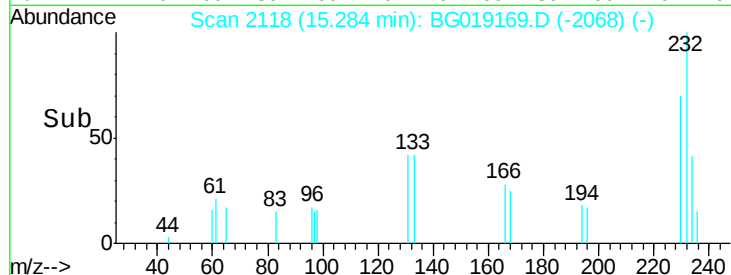
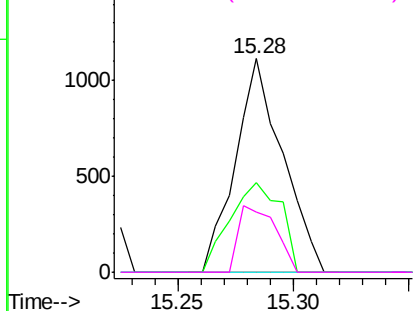
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 1.47 ng
 RT: 15.28 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: BG019169.D
 Acq: 12 Oct 2015 22:22

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

Tot Ion:232 Resp: 1584
 Ion Ratio Lower Upper
 232 100
 131 45.2 36.5 54.7
 130 0.0 2.3 3.5#
 166 24.6 25.7 38.5#

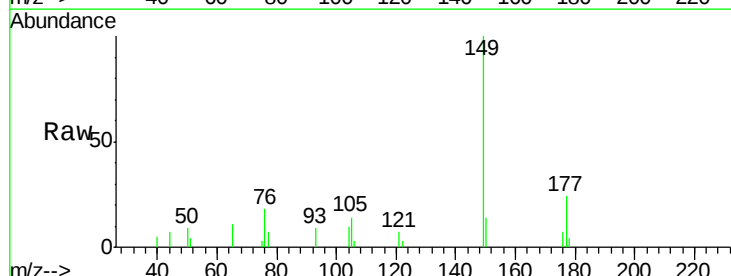


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

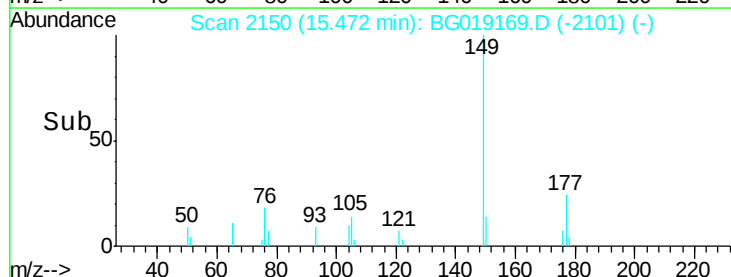
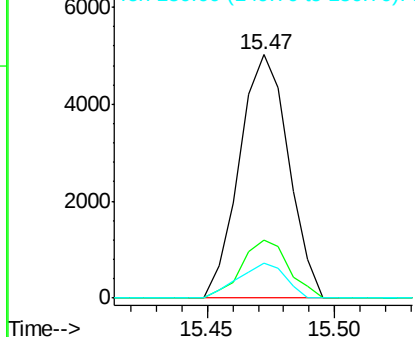


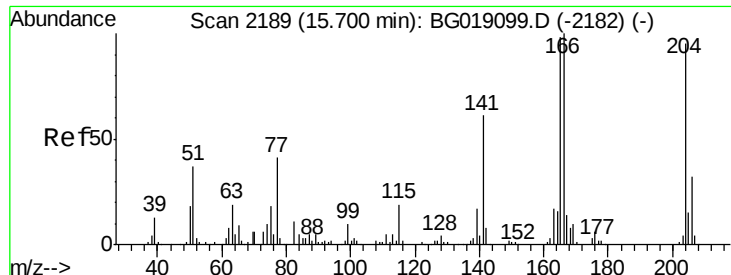
#59
 Diethylphthalate
 Concen: 1.54 ng
 RT: 15.47 min Scan# 2150
 Delta R.T. -0.01 min
 Lab File: BG019169.D
 Acq: 12 Oct 2015 22:22

Tgt Ion:149 Resp: 6764
 Ion Ratio Lower Upper
 149 100
 177 23.8 17.7 26.5
 150 14.3 9.4 14.2#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

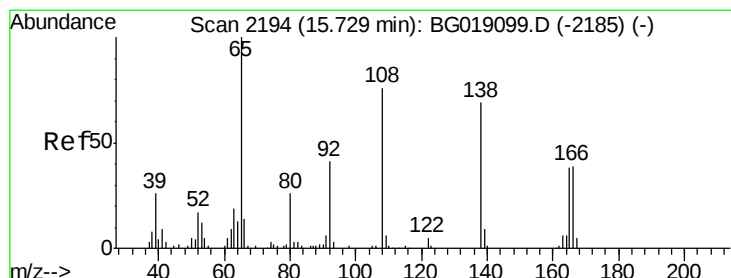
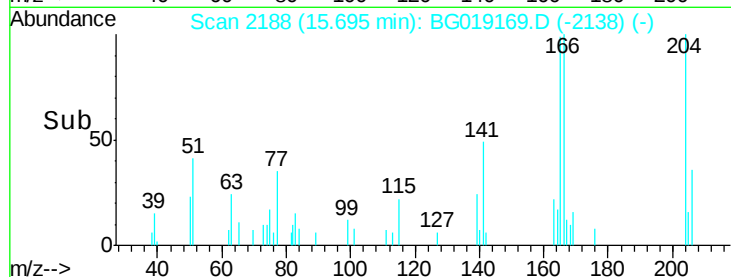
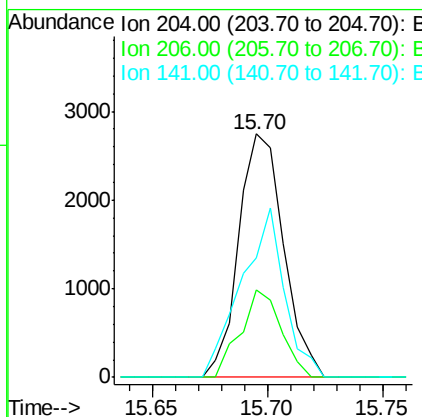
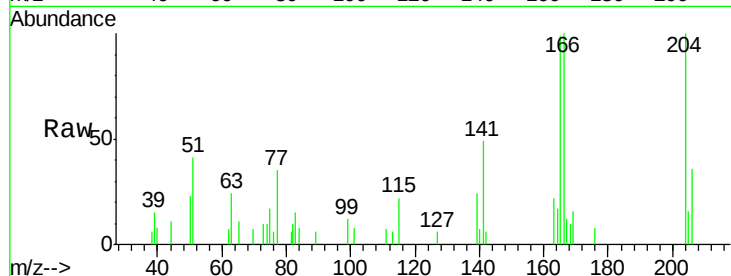




#60
4-Chlorophenyl-phenylether
Concen: 1.80 ng
RT: 15.70 min Scan# 2188
Delta R.T. -0.00 min
Lab File: BG019169.D
Acq: 12 Oct 2015 22:22

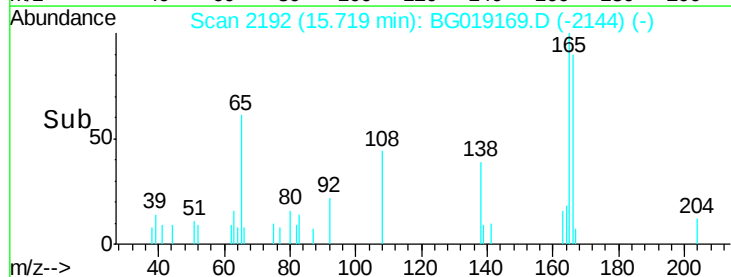
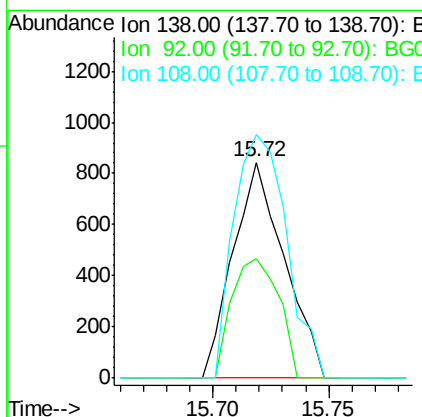
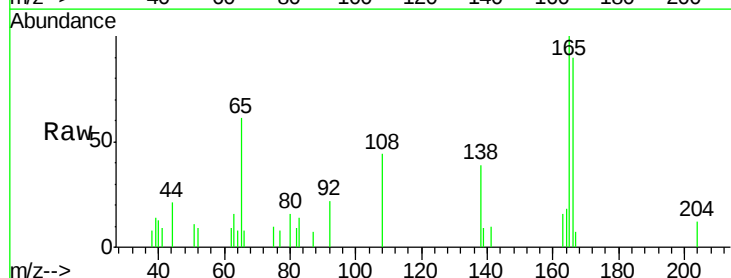
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

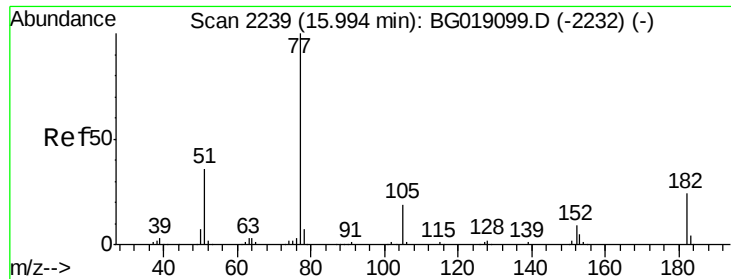
Tot Ion:204 Resp: 3726
Ion Ratio Lower Upper
204 100
206 36.0 27.0 40.4
141 48.8 51.9 77.9#



#61
4-Nitroaniline
Concen: 1.20 ng
RT: 15.72 min Scan# 2192
Delta R.T. -0.02 min
Lab File: BG019169.D
Acq: 12 Oct 2015 22:22

Tgt Ion:138 Resp: 1303
Ion Ratio Lower Upper
138 100
92 55.5 39.0 79.0
108 112.9 90.8 130.8

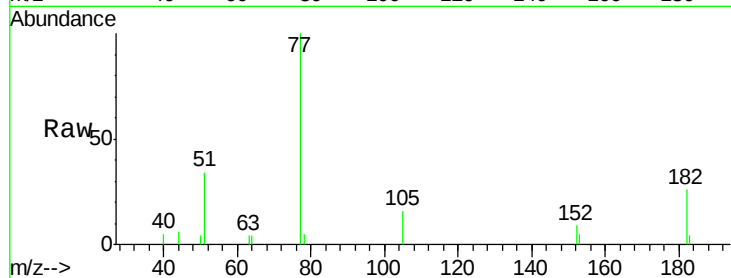




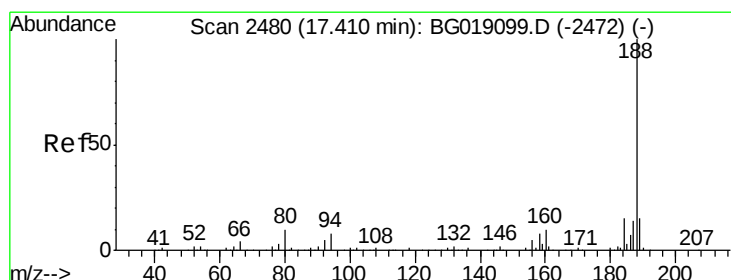
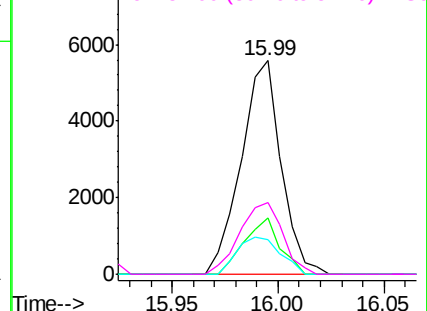
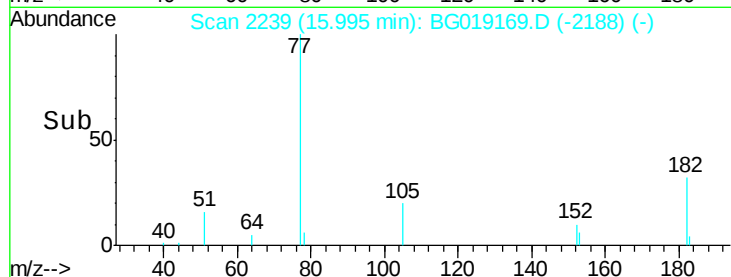
#62
Azobenzene
Concen: 1.80 ng
RT: 15.99 min Scan# 2239
Delta R.T. 0.00 min
Lab File: BG019169.D
Acq: 12 Oct 2015 22:22

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tot Ion: 77 Resp: 7317
Ion Ratio Lower Upper
77 100
182 26.5 4.4 44.4
105 16.4 0.0 39.1
51 33.8 15.9 55.9

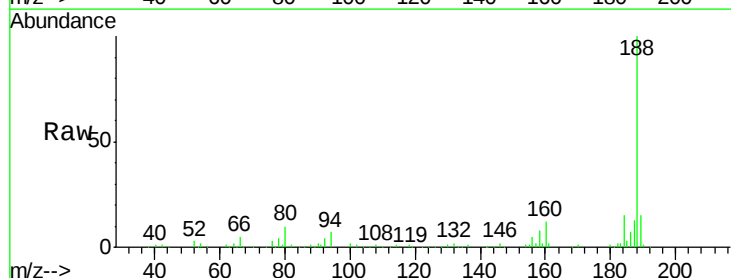


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

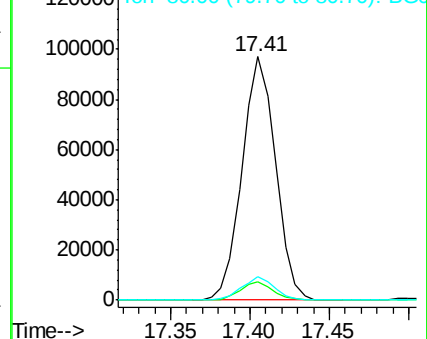
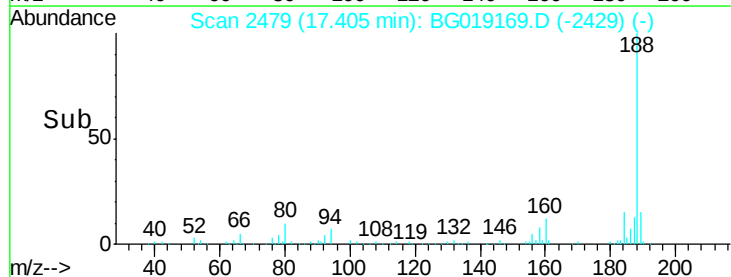


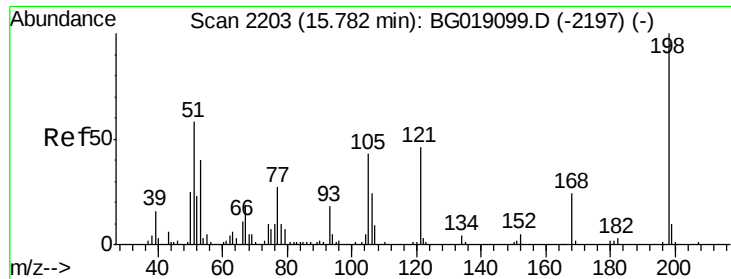
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.41 min Scan# 2479
Delta R.T. -0.00 min
Lab File: BG019169.D
Acq: 12 Oct 2015 22:22

Tgt Ion: 188 Resp: 142208
Ion Ratio Lower Upper
188 100
94 7.4 6.4 9.6
80 9.8 7.6 11.4



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

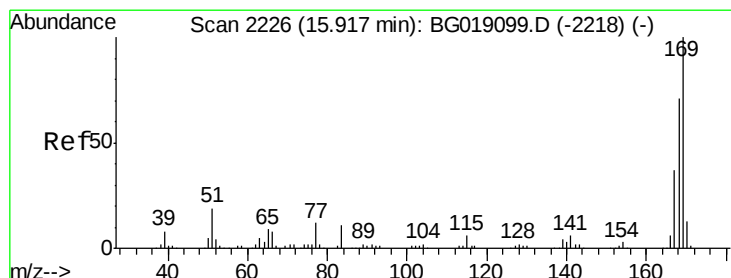
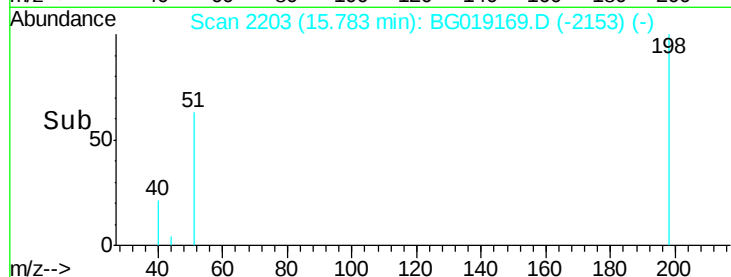
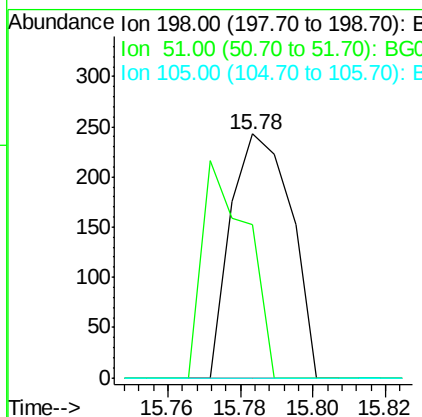
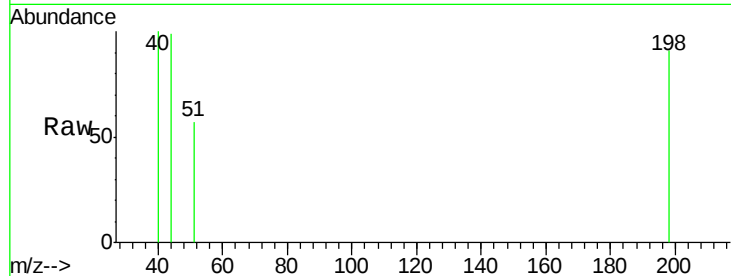




#64
 4,6-Dinitro-2-methylphenol
 Concen: 0.36 ng
 RT: 15.78 min Scan# 2203
 Delta R.T. -0.00 min
 Lab File: BG019169.D
 Acq: 12 Oct 2015 22:22

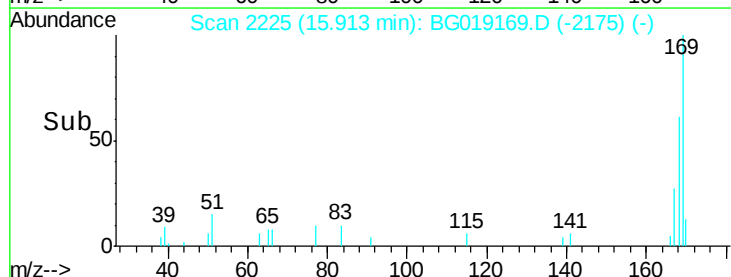
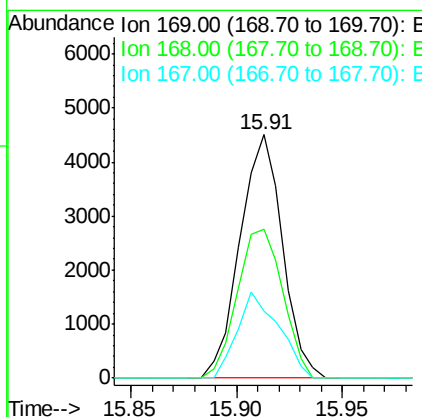
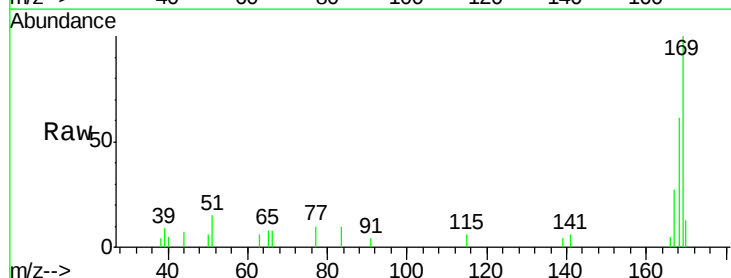
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

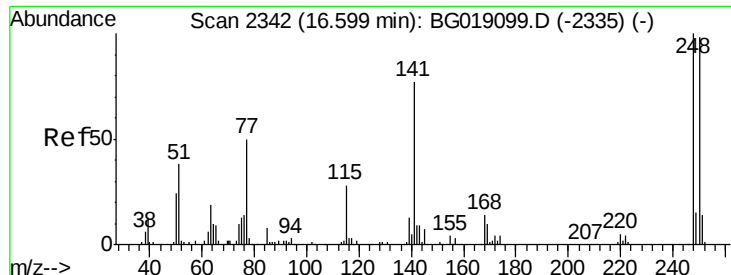
Tot Ion:198 Resp: 280
 Ion Ratio Lower Upper
 198 100
 51 62.6 40.1 80.1
 105 0.0 23.4 63.4#



#65
 n-Nitrosodiphenylamine
 Concen: 1.60 ng
 RT: 15.91 min Scan# 2225
 Delta R.T. -0.00 min
 Lab File: BG019169.D
 Acq: 12 Oct 2015 22:22

Tgt Ion:169 Resp: 6270
 Ion Ratio Lower Upper
 169 100
 168 61.0 56.6 84.8
 167 27.3 30.0 45.0#





#66

4-Bromophenyl-phenylether

Concen: 1.64 ng

RT: 16.59 min Scan# 2341

Delta R.T. -0.00 min

Lab File: BG019169.D

Acq: 12 Oct 2015 22:22

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

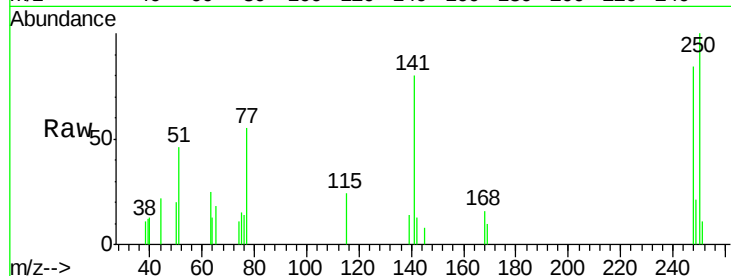
Tot Ion:248 Resp: 2376

Ion Ratio Lower Upper

248 100

250 118.4 78.4 117.6#

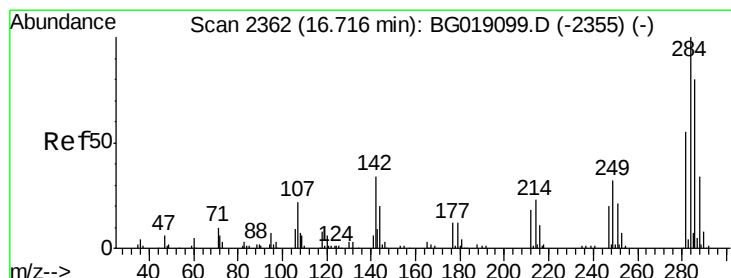
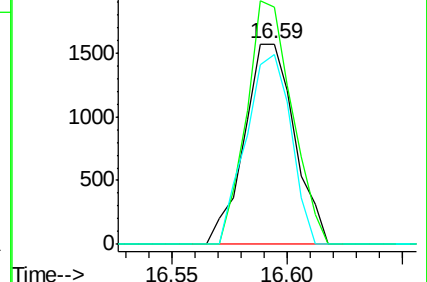
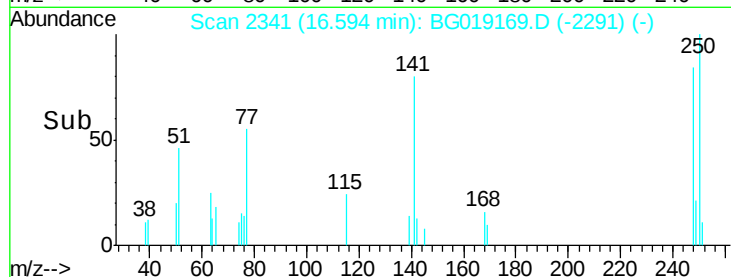
141 95.1 61.7 92.5#



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: 1.65 ng

RT: 16.71 min Scan# 2361

Delta R.T. -0.00 min

Lab File: BG019169.D

Acq: 12 Oct 2015 22:22

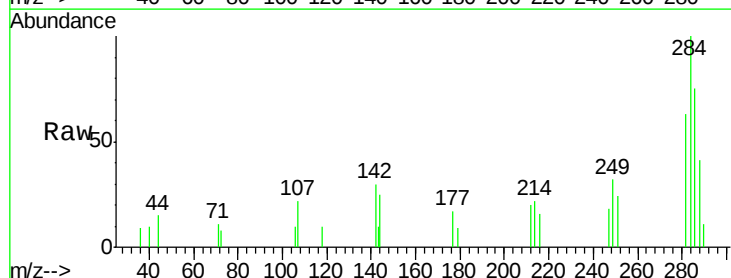
Tgt Ion:284 Resp: 2800

Ion Ratio Lower Upper

284 100

142 29.8 27.0 40.4

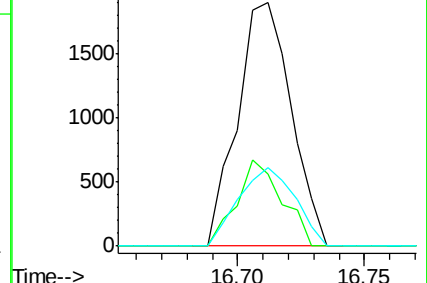
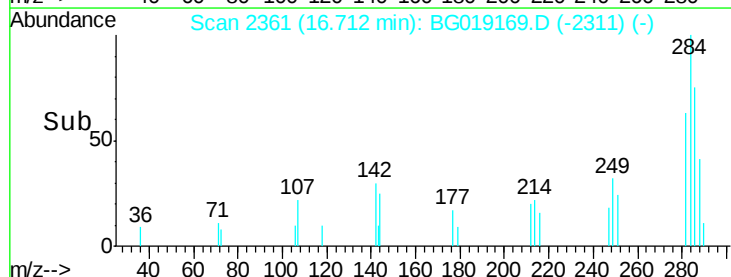
249 32.2 25.4 38.2

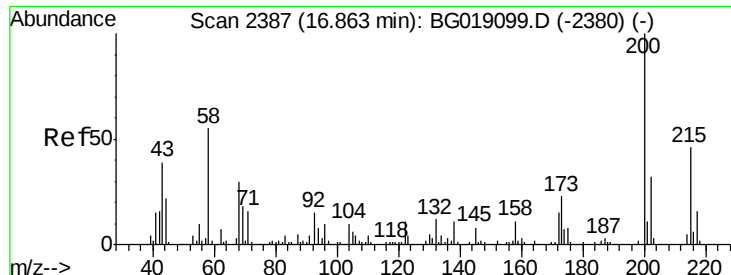


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#68

Atrazine

Concen: 1.47 ng

RT: 16.85 min Scan# 2385

Delta R.T. -0.02 min

Lab File: BG019169.D

Acq: 12 Oct 2015 22:22

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

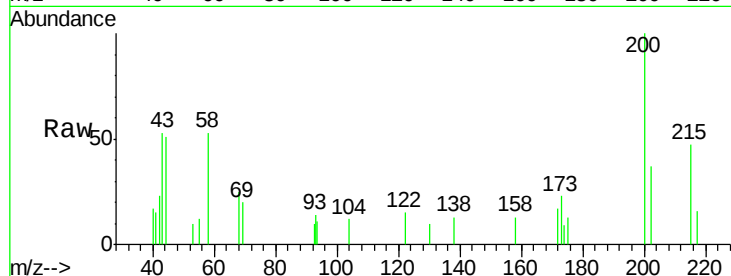
Tot Ion:200 Resp: 2379

Ion Ratio Lower Upper

200 100

173 22.8 3.3 43.3

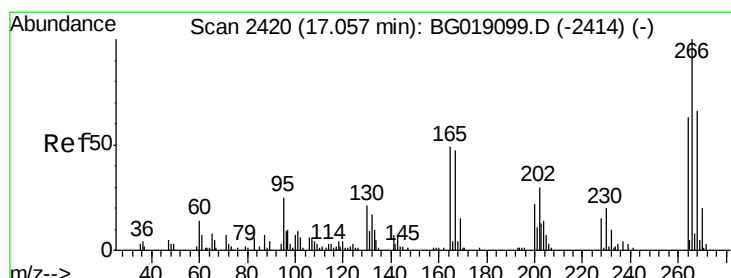
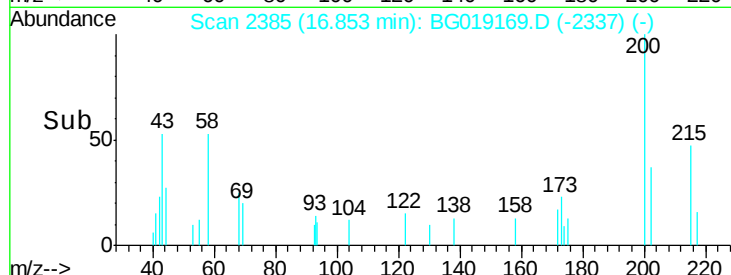
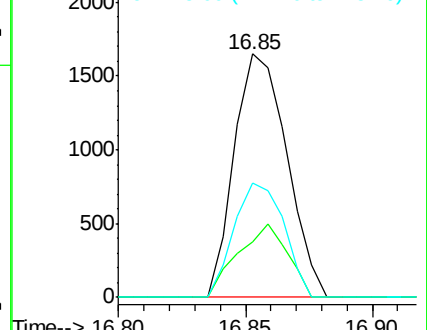
215 47.0 26.4 66.4



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: 0.63 ng

RT: 17.06 min Scan# 2421

Delta R.T. 0.00 min

Lab File: BG019169.D

Acq: 12 Oct 2015 22:22

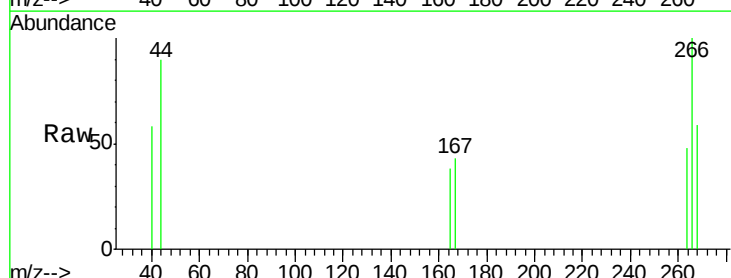
Tgt Ion:266 Resp: 561

Ion Ratio Lower Upper

266 100

268 58.5 53.0 79.4

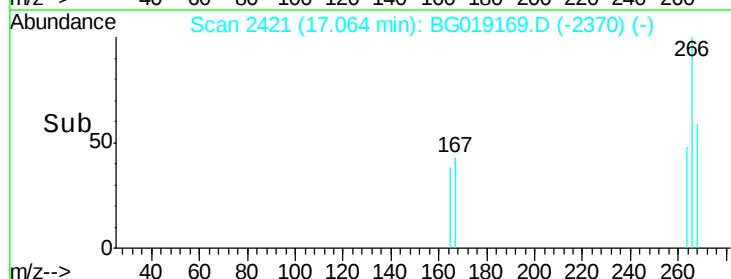
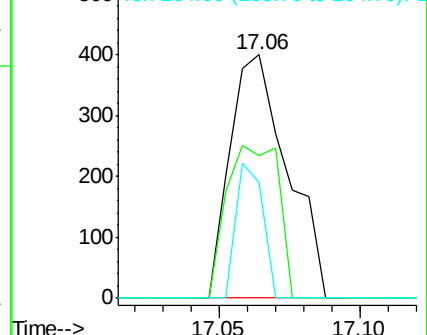
264 47.5 50.1 75.1#

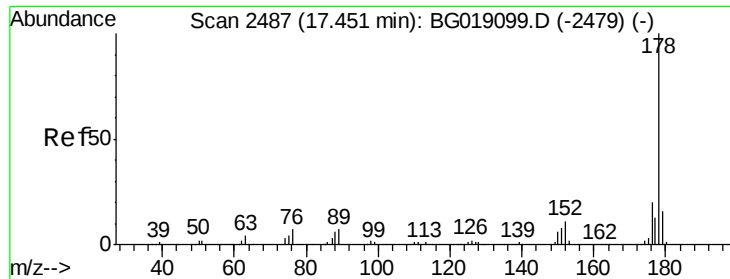


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 1.74 ng

RT: 17.45 min Scan# 2486

Delta R.T. -0.00 min

Lab File: BG019169.D

Acq: 12 Oct 2015 22:22

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

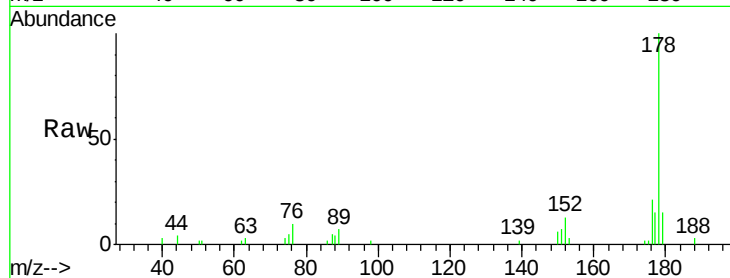
Tot Ion:178 Resp: 12755

Ion Ratio Lower Upper

178 100

176 21.5 16.3 24.5

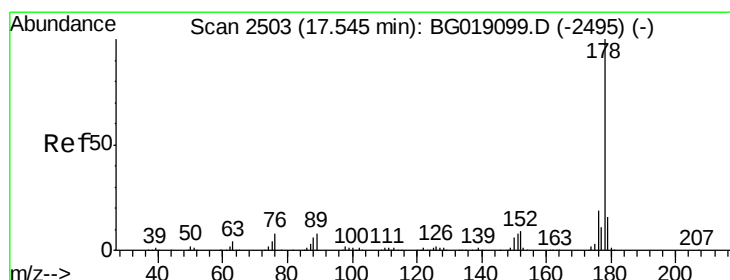
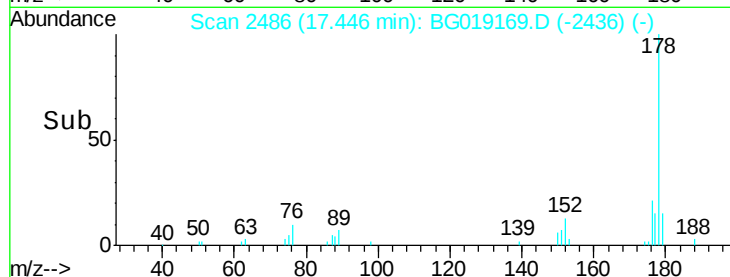
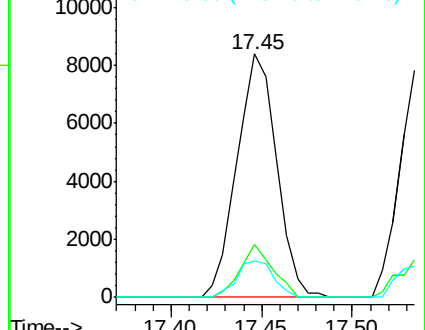
179 15.0 12.8 19.2



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: 1.63 ng

RT: 17.53 min Scan# 2501

Delta R.T. -0.01 min

Lab File: BG019169.D

Acq: 12 Oct 2015 22:22

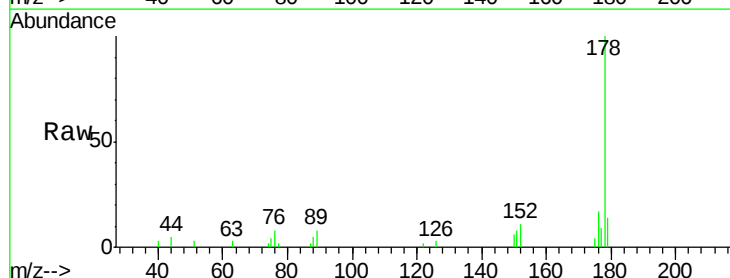
Tgt Ion:178 Resp: 11901

Ion Ratio Lower Upper

178 100

176 16.7 15.5 23.3

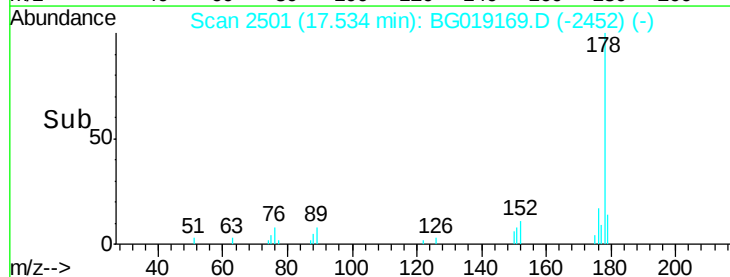
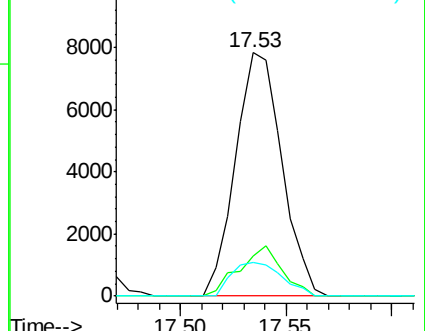
179 13.6 12.9 19.3

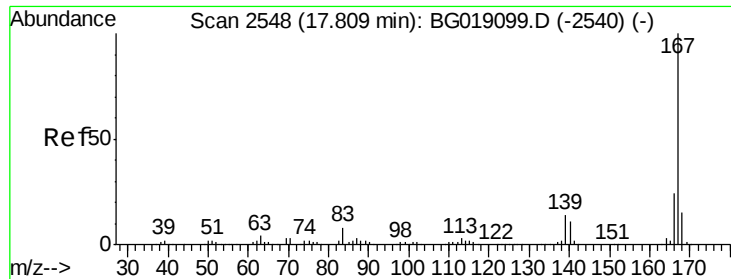


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

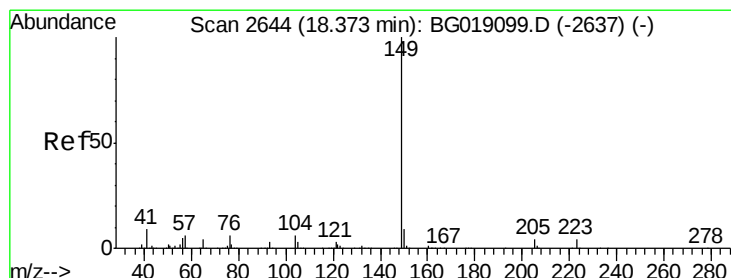
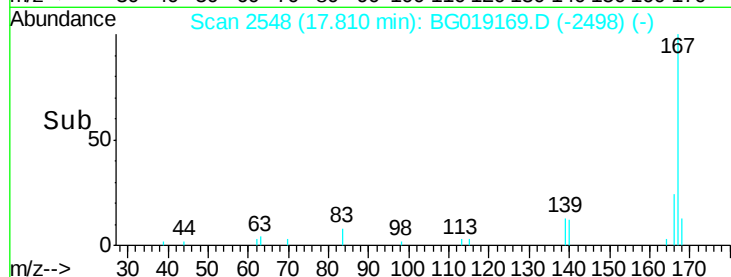
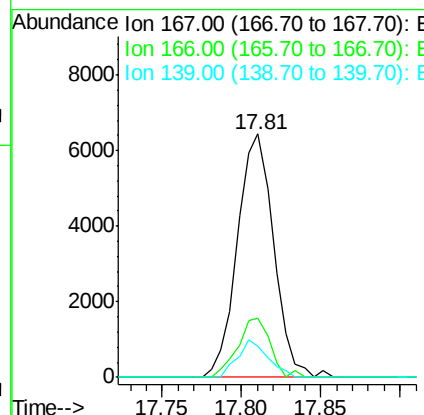
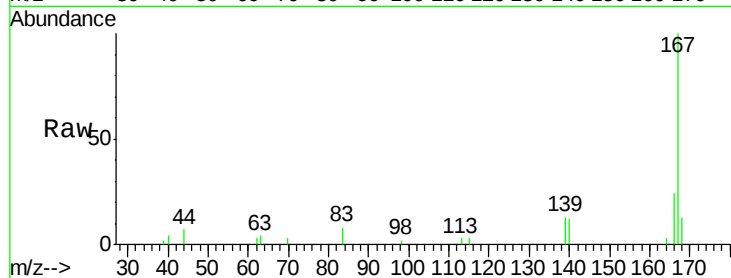




#72
 Carbazole
 Concen: 1.49 ng
 RT: 17.81 min Scan# 2548
 Delta R.T. -0.00 min
 Lab File: BG019169.D
 Acq: 12 Oct 2015 22:22

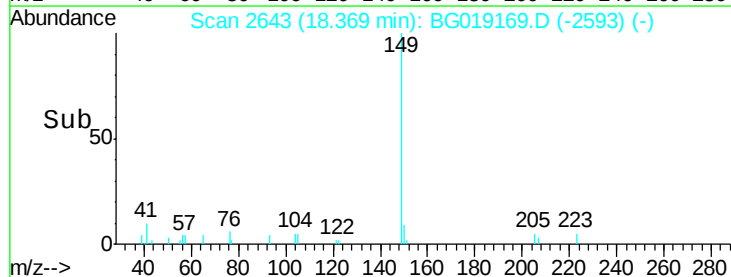
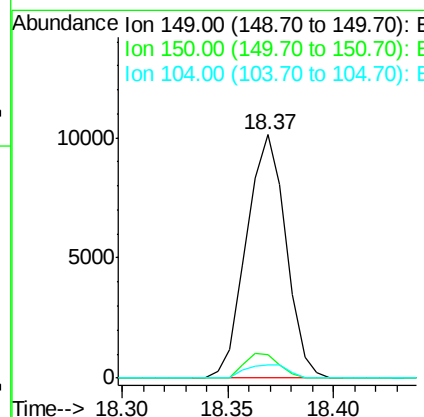
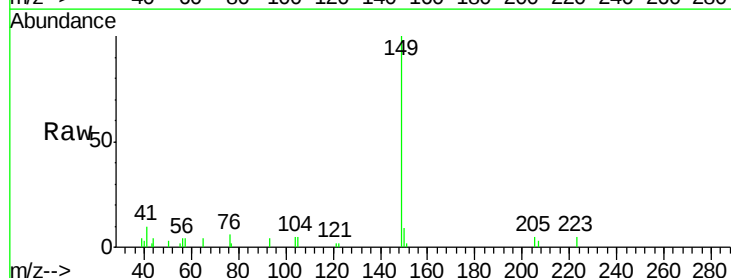
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

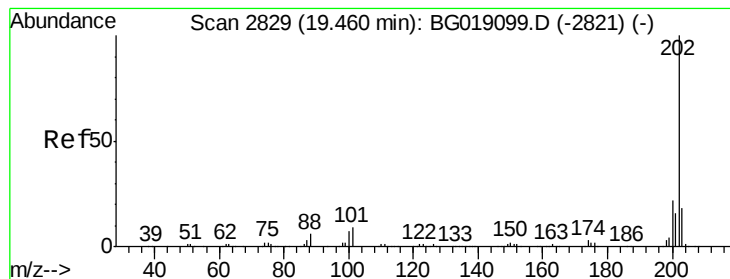
Tot Ion:167 Resp: 10206
 Ion Ratio Lower Upper
 167 100
 166 24.3 19.1 28.7
 139 12.5 11.2 16.8



#73
 Di-n-butylphthalate
 Concen: 1.57 ng
 RT: 18.37 min Scan# 2643
 Delta R.T. -0.00 min
 Lab File: BG019169.D
 Acq: 12 Oct 2015 22:22

Tgt Ion:149 Resp: 13145
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.5 11.3
 104 5.4 5.0 7.6





#74

Fluoranthene

Concen: 1.60 ng

RT: 19.46 min Scan# 2828

Delta R.T. -0.00 min

Lab File: BG019169.D

Acq: 12 Oct 2015 22:22

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

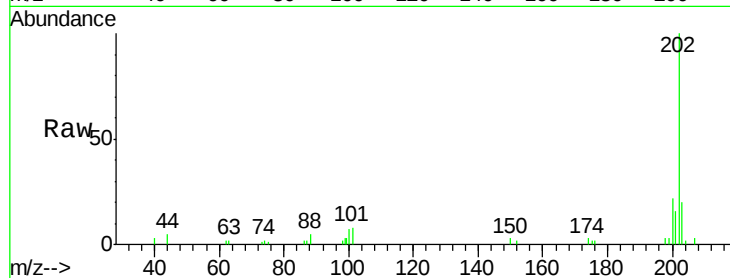
Tot Ion:202 Resp: 15032

Ion Ratio Lower Upper

202 100

101 8.1 0.0 28.9

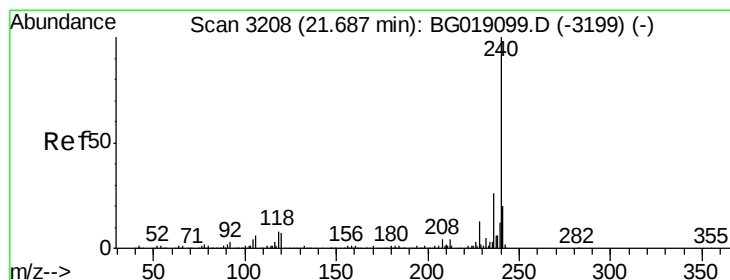
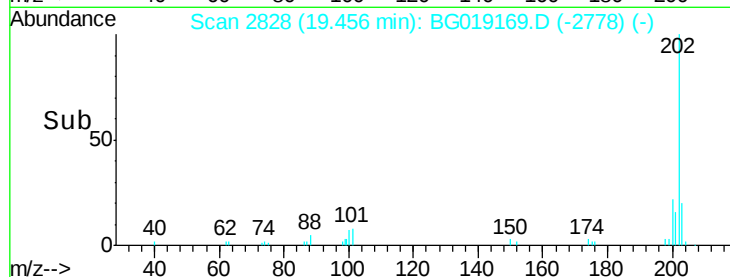
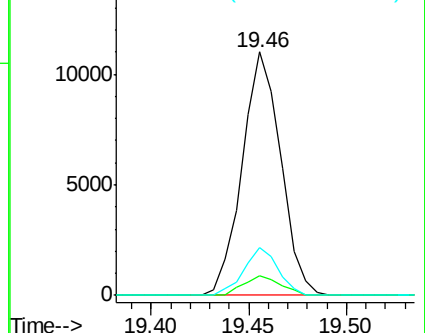
203 19.8 0.0 38.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.68 min Scan# 3206

Delta R.T. -0.01 min

Lab File: BG019169.D

Acq: 12 Oct 2015 22:22

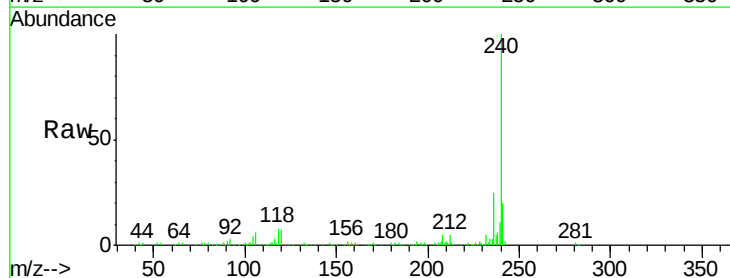
Tgt Ion:240 Resp: 168394

Ion Ratio Lower Upper

240 100

120 7.2 5.8 8.6

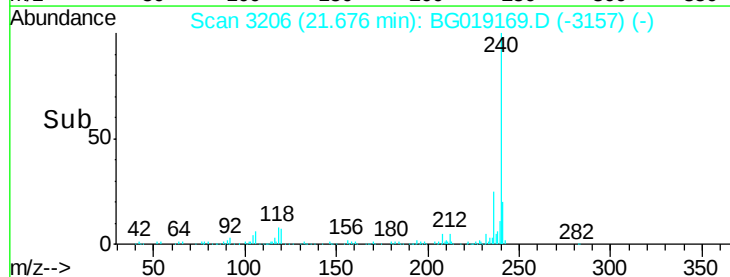
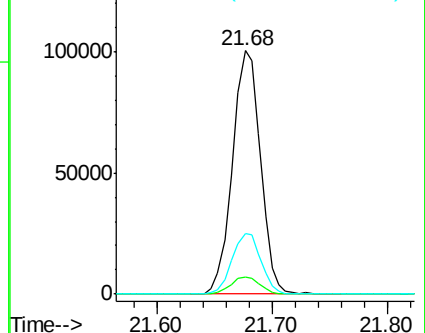
236 25.1 21.2 31.8

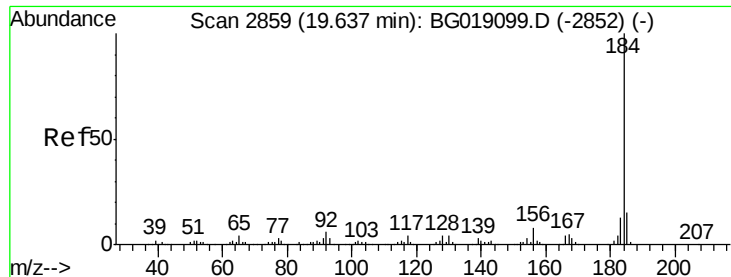


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 0.30 ng

RT: 19.64 min Scan# 2859

Delta R.T. 0.00 min

Lab File: BG019169.D

Acq: 12 Oct 2015 22:22

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

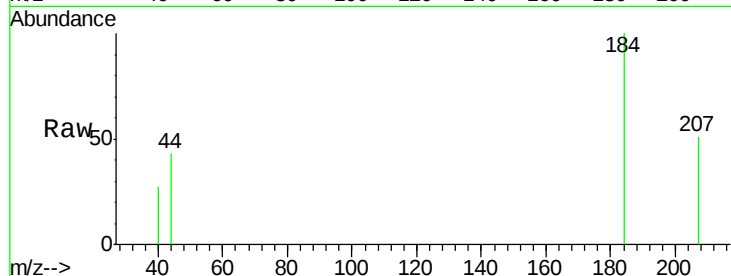
Tot Ion:184 Resp: 1291

Ion Ratio Lower Upper

184 100

185 0.0 11.9 17.9#

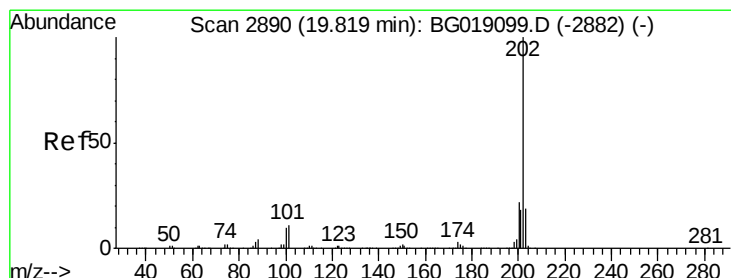
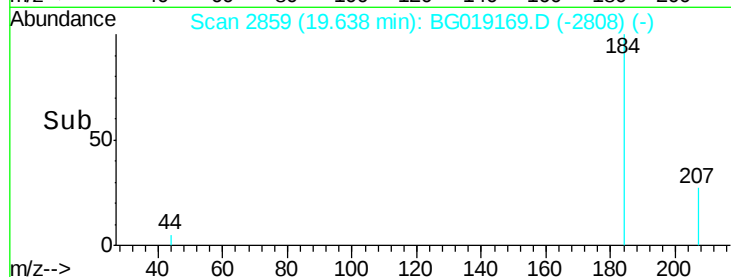
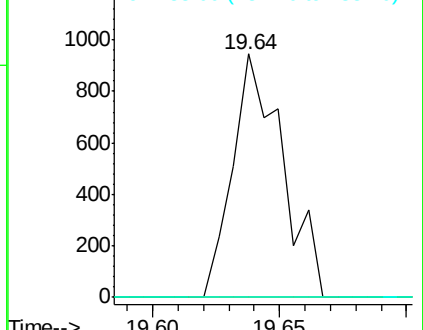
183 0.0 10.1 15.1#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 1.68 ng

RT: 19.81 min Scan# 2889

Delta R.T. -0.01 min

Lab File: BG019169.D

Acq: 12 Oct 2015 22:22

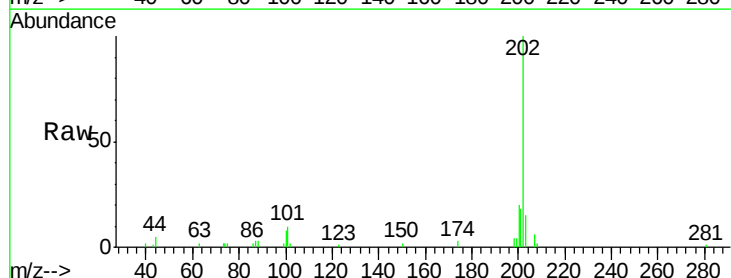
Tgt Ion:202 Resp: 15839

Ion Ratio Lower Upper

202 100

200 19.6 17.4 26.2

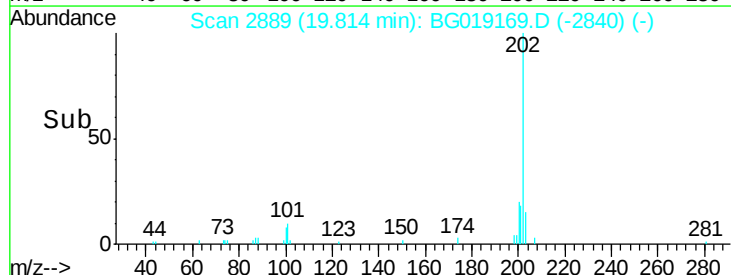
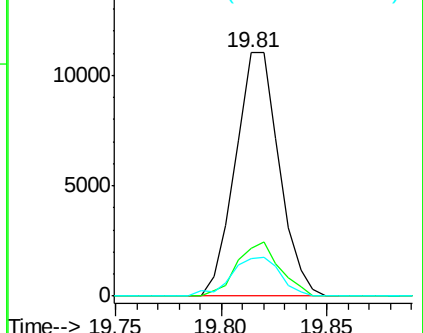
203 15.5 14.8 22.2

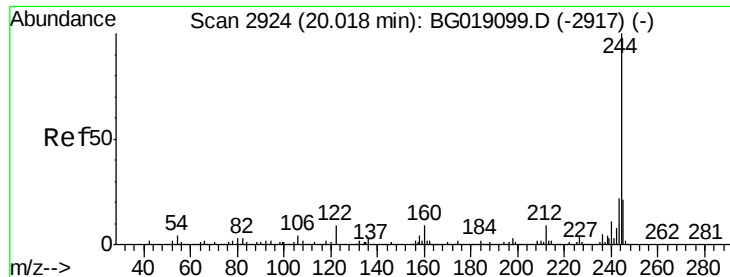


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 87.72 ng

RT: 20.02 min Scan# 2924

Delta R.T. -0.00 min

Lab File: BG019169.D

Acq: 12 Oct 2015 22:22

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

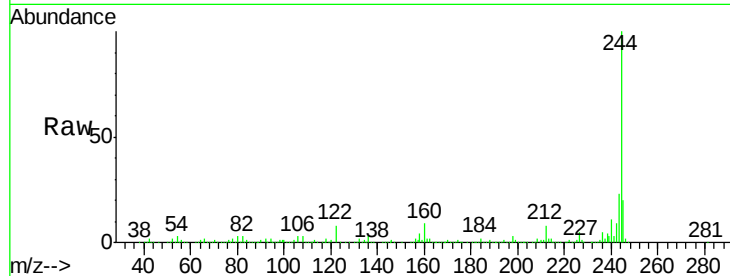
Tot Ion:244 Resp: 559201

Ion Ratio Lower Upper

244 100

212 8.4 6.8 10.2

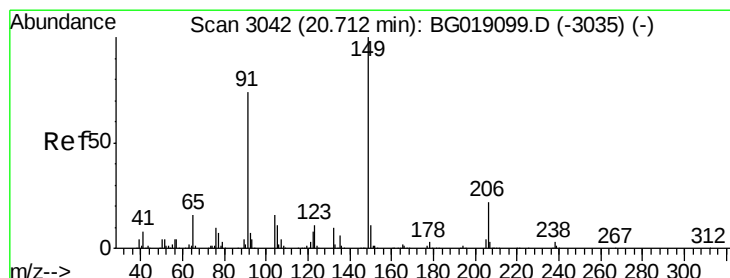
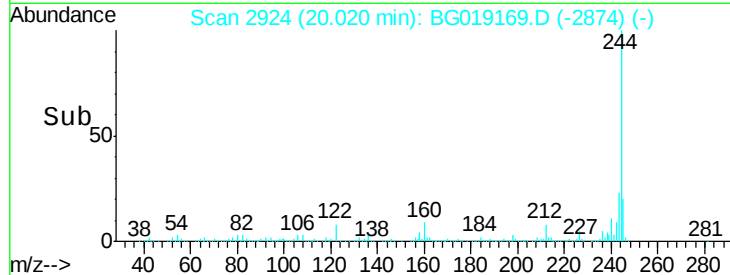
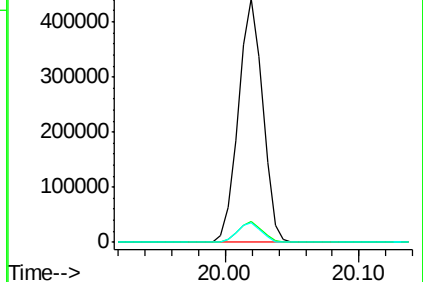
122 8.2 7.4 11.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 1.37 ng

RT: 20.71 min Scan# 3041

Delta R.T. -0.00 min

Lab File: BG019169.D

Acq: 12 Oct 2015 22:22

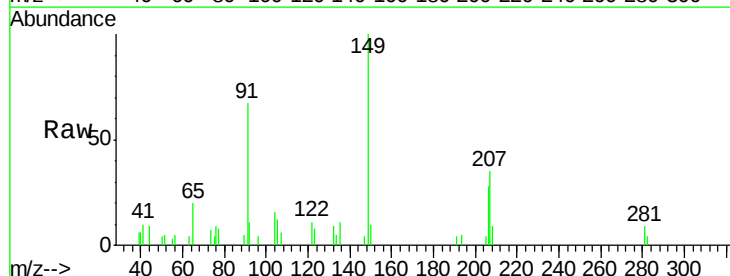
Tgt Ion:149 Resp: 5258

Ion Ratio Lower Upper

149 100

91 66.9 59.2 88.8

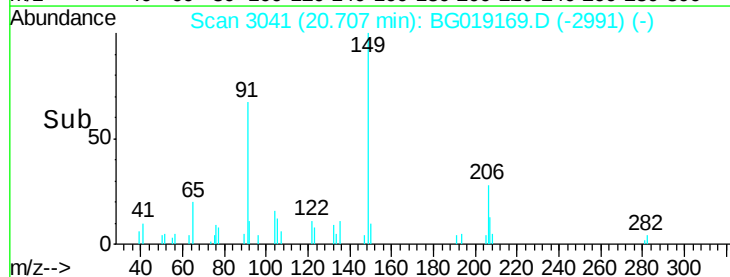
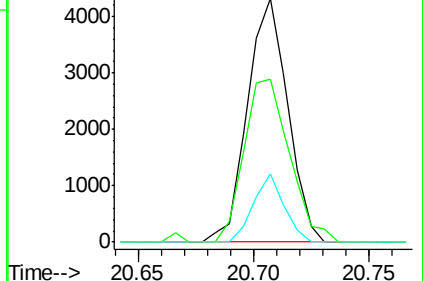
206 27.9 17.5 26.3#

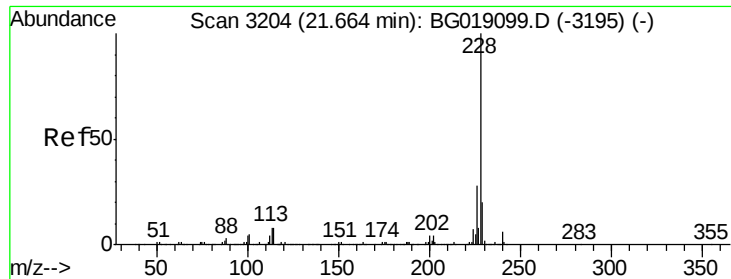


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

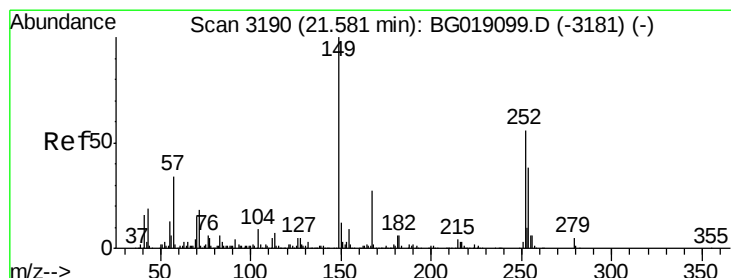
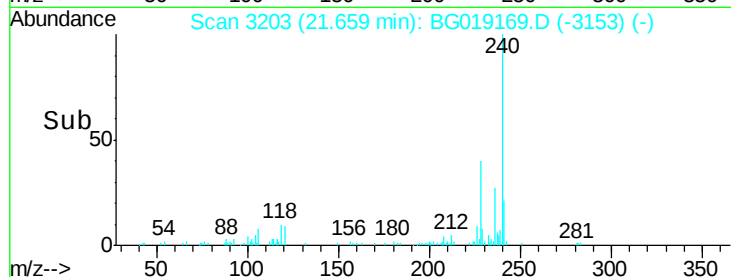
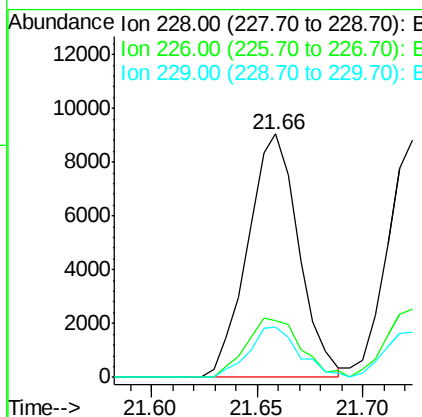
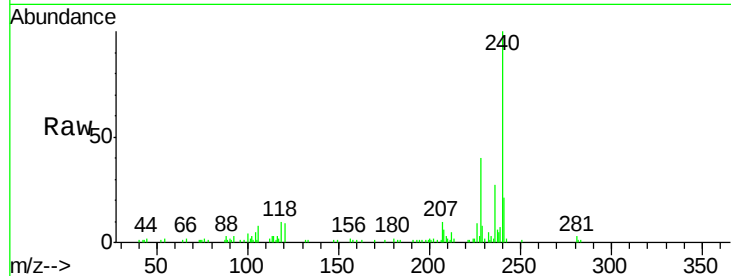




#80
Benzo(a)anthracene
Concen: 1.68 ng
RT: 21.66 min Scan# 3203
Delta R.T. -0.00 min
Lab File: BG019169.D
Acq: 12 Oct 2015 22:22

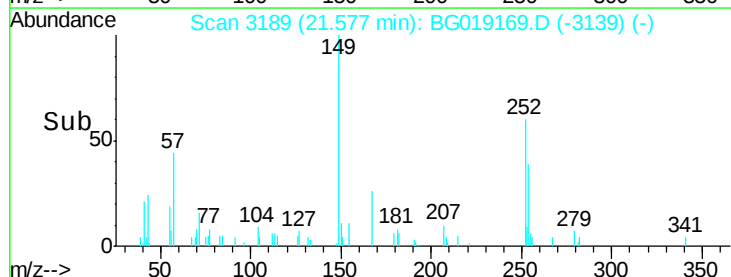
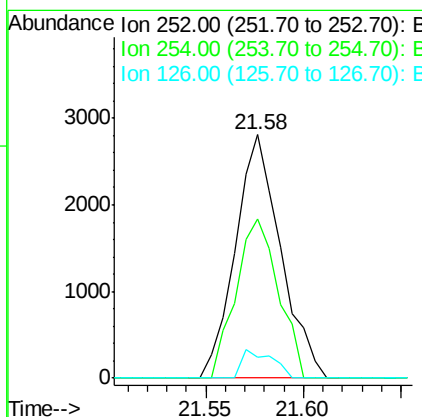
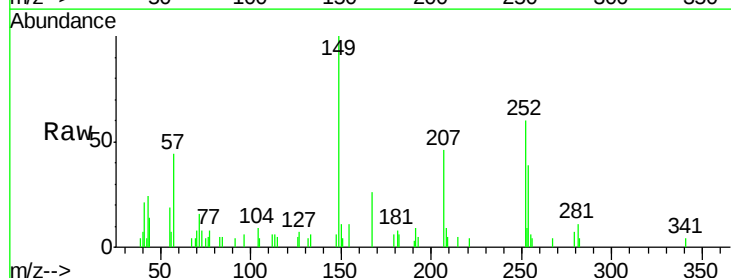
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

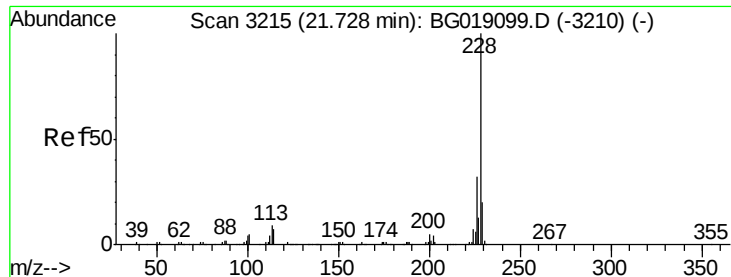
Tot Ion:228 Resp: 15142
Ion Ratio Lower Upper
228 100
226 23.6 22.4 33.6
229 20.6 16.2 24.2



#81
3,3'-Dichlorobenzidine
Concen: 1.35 ng
RT: 21.58 min Scan# 3189
Delta R.T. -0.00 min
Lab File: BG019169.D
Acq: 12 Oct 2015 22:22

Tgt Ion:252 Resp: 4497
Ion Ratio Lower Upper
252 100
254 65.1 53.9 80.9
126 8.6 7.0 10.6

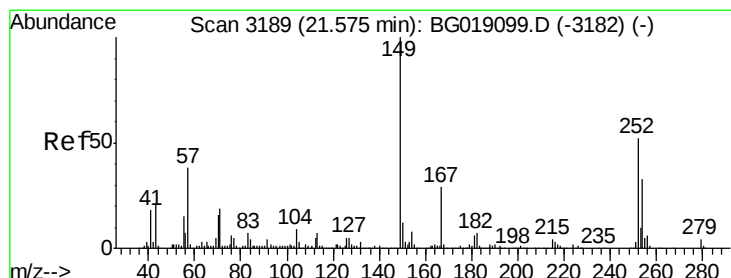
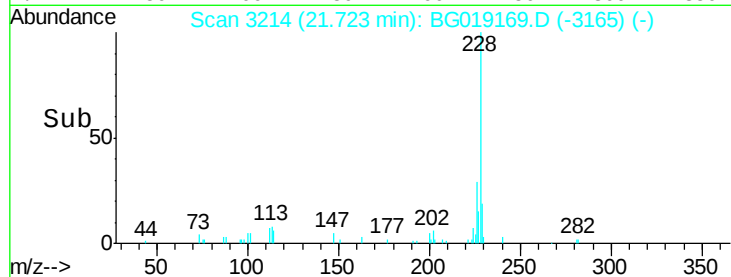
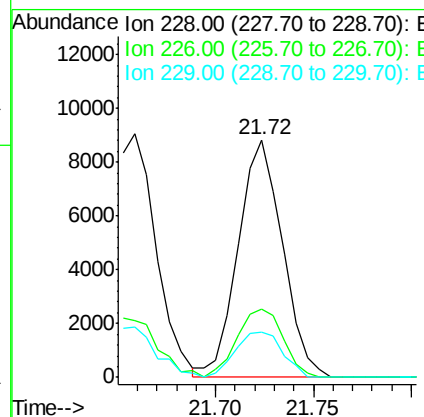
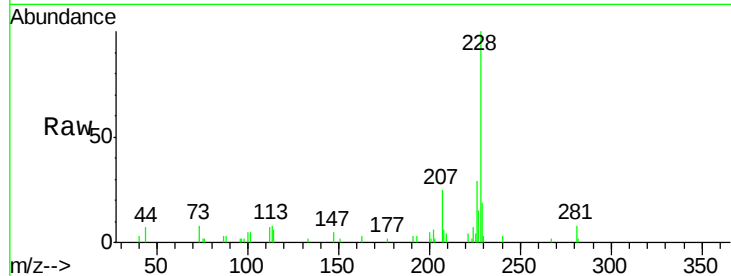




#82
 Chrysene
 Concen: 1.62 ng
 RT: 21.72 min Scan# 3214
 Delta R.T. -0.01 min
 Lab File: BG019169.D
 Acq: 12 Oct 2015 22:22

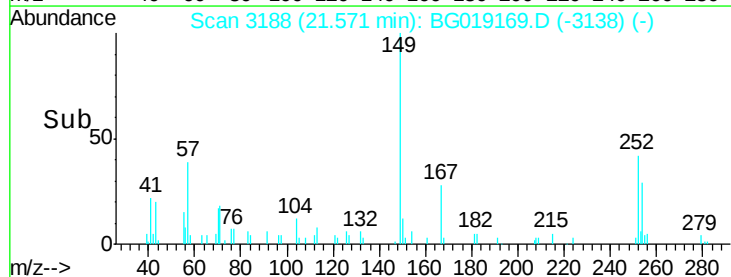
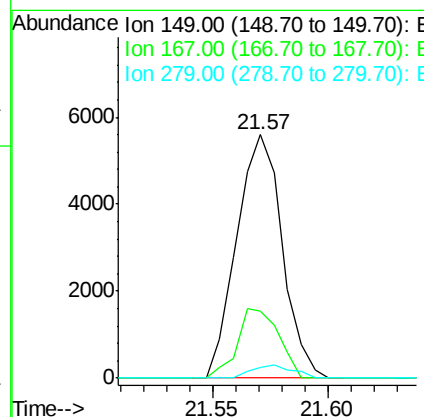
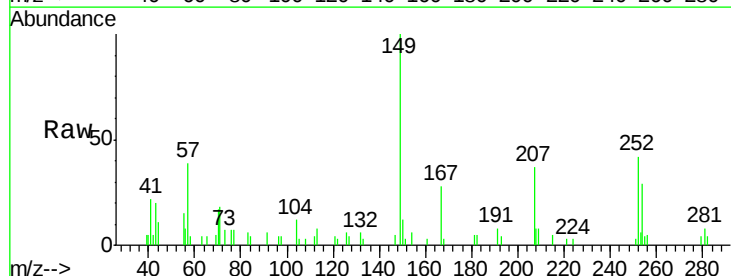
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

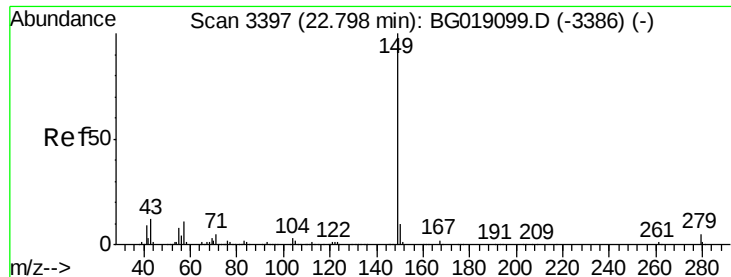
Tot Ion	Ratio	Lower	Upper
228	100		
226	29.0	25.2	37.8
229	19.0	16.3	24.5



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 1.44 ng
 RT: 21.57 min Scan# 3188
 Delta R.T. -0.00 min
 Lab File: BG019169.D
 Acq: 12 Oct 2015 22:22

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.8	34.2
279	4.4	3.6	5.4

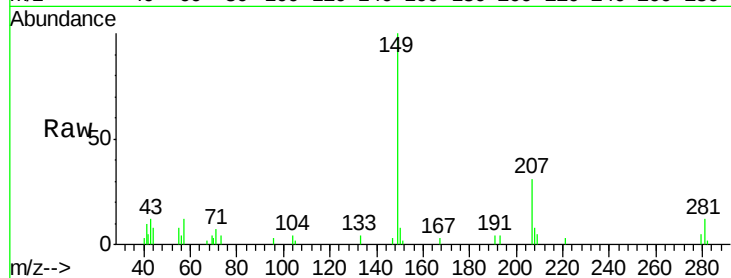




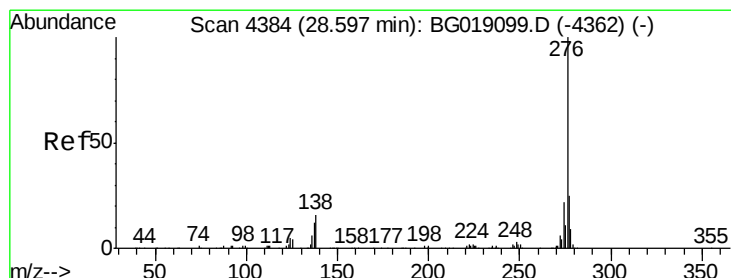
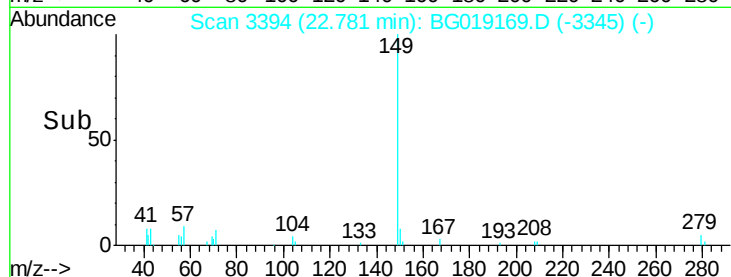
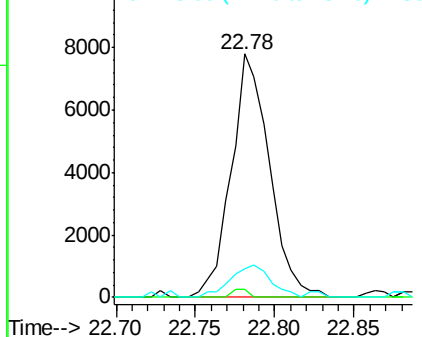
#84
Di-n-octyl phthalate
Concen: 1.41 ng
RT: 22.78 min Scan# 3394
Delta R.T. -0.01 min
Lab File: BG019169.D
Acq: 12 Oct 2015 22:22

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tot Ion:149 Resp: 13008
Ion Ratio Lower Upper
149 100
167 1.4 1.3 1.9
43 13.9 10.1 15.1

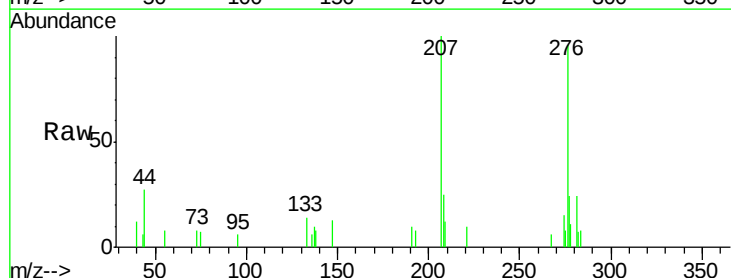


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

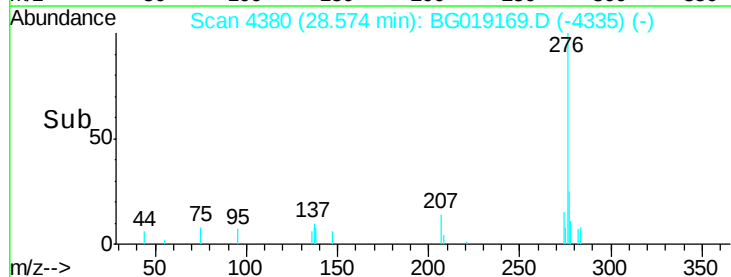
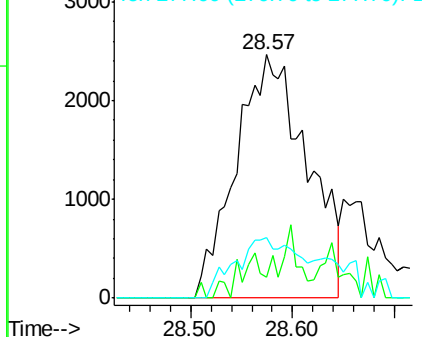


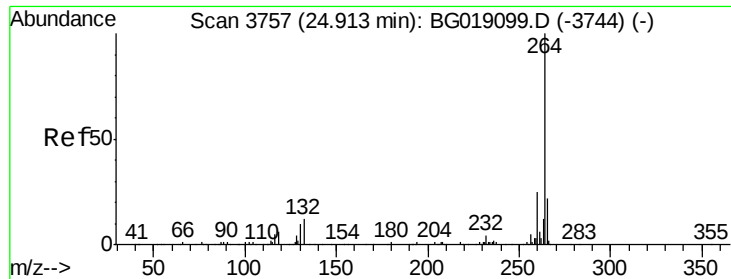
#85
Indeno(1,2,3-cd)pyrene
Concen: 1.15 ng
RT: 28.57 min Scan# 4380
Delta R.T. -0.03 min
Lab File: BG019169.D
Acq: 12 Oct 2015 22:22

Tgt Ion:276 Resp: 12022
Ion Ratio Lower Upper
276 100
138 6.3 10.2 15.4#
277 21.2 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

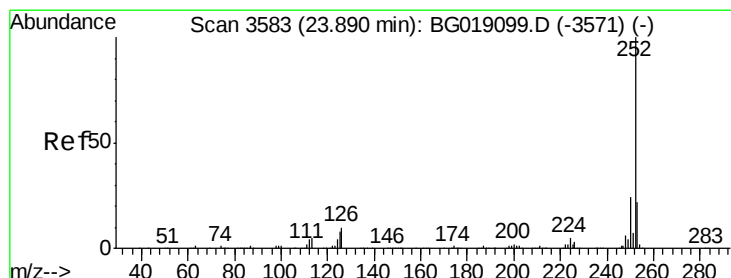
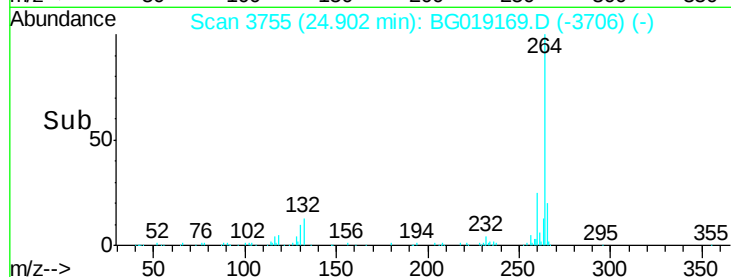
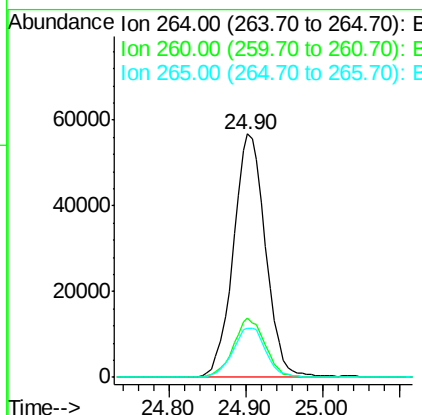
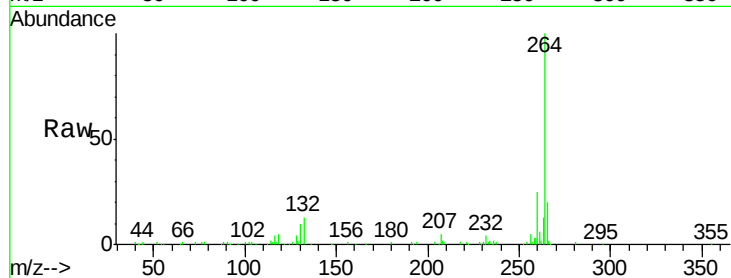




#86
Pervlene-d12
Concen: 20.00 ng
RT: 24.90 min Scan# 3755
Delta R.T. -0.01 min
Lab File: BG019169.D
Acq: 12 Oct 2015 22:22

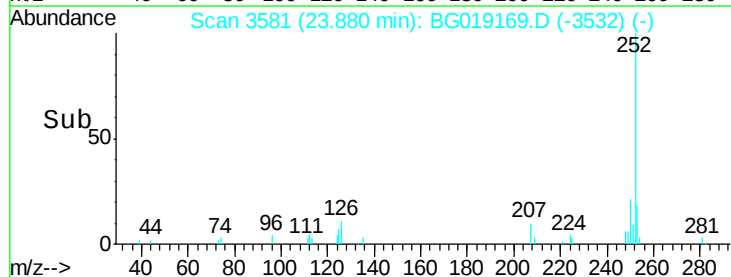
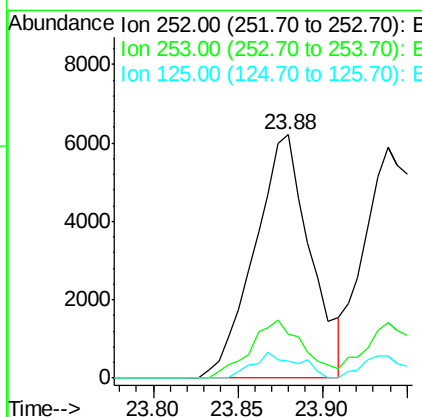
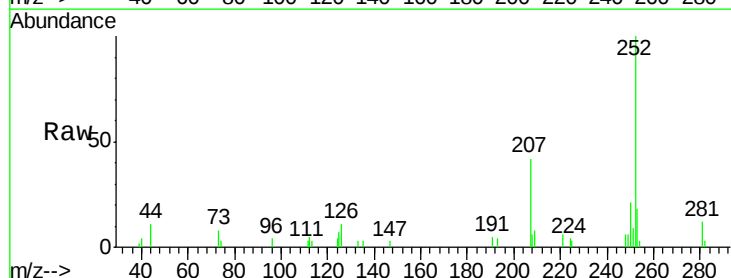
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

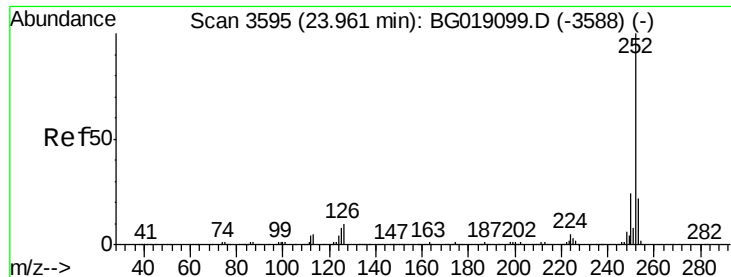
Tot Ion:264 Resp: 165813
Ion Ratio Lower Upper
264 100
260 24.6 20.1 30.1
265 20.3 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 1.60 ng
RT: 23.88 min Scan# 3581
Delta R.T. -0.01 min
Lab File: BG019169.D
Acq: 12 Oct 2015 22:22

Tgt Ion:252 Resp: 14228
Ion Ratio Lower Upper
252 100
253 17.9 17.5 26.3
125 7.2 6.6 9.8

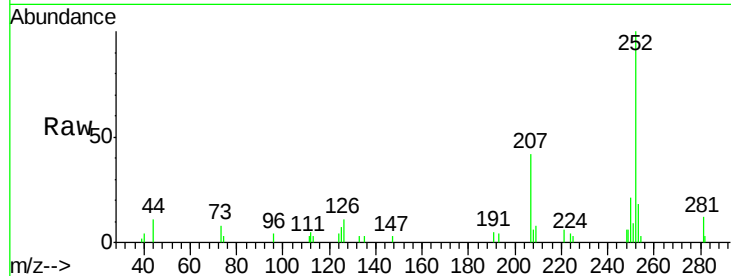




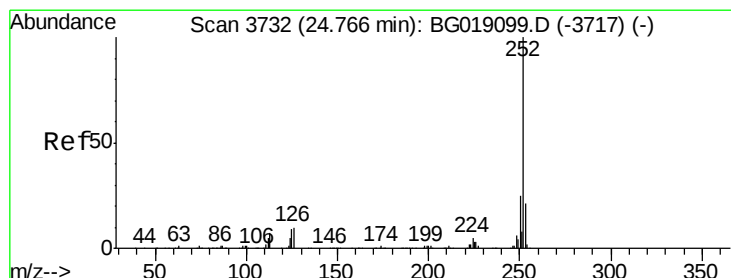
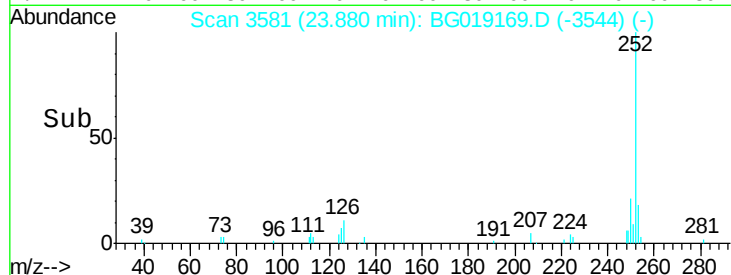
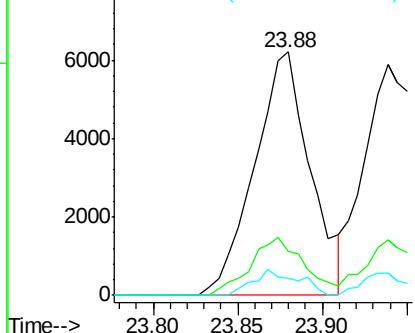
#88
Benzo(k)fluoranthene
Concen: 1.62 ng
RT: 23.88 min Scan# 3581
Delta R.T. -0.08 min
Lab File: BG019169.D
Acq: 12 Oct 2015 22:22

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tot Ion:252 Resp: 14228
Ion Ratio Lower Upper
252 100
253 17.9 17.0 25.4
125 7.2 6.4 9.6

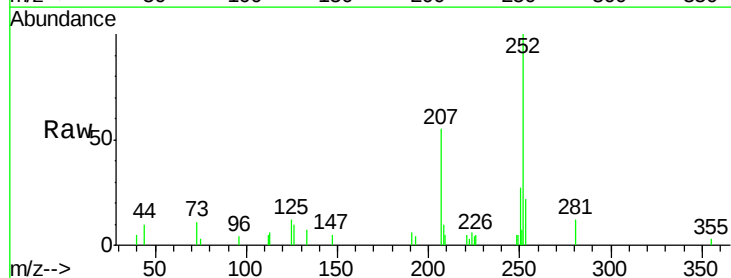


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

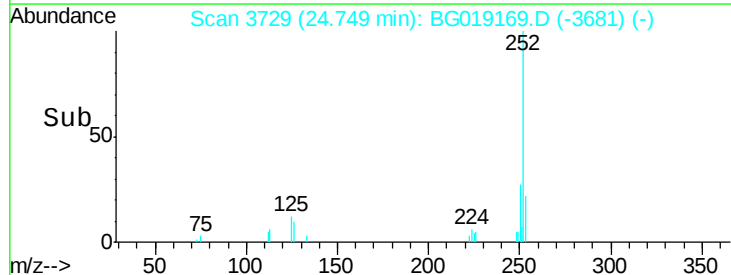
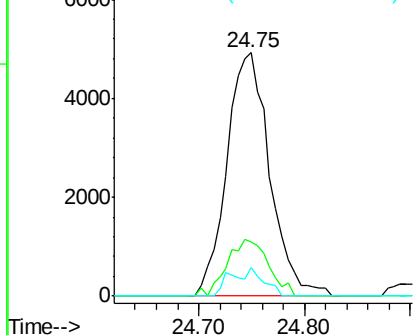


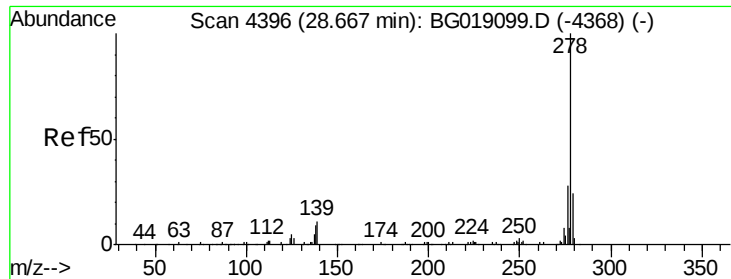
#89
Benzo(a)pyrene
Concen: 1.64 ng
RT: 24.75 min Scan# 3729
Delta R.T. -0.02 min
Lab File: BG019169.D
Acq: 12 Oct 2015 22:22

Tgt Ion:252 Resp: 13831
Ion Ratio Lower Upper
252 100
253 22.3 17.0 25.4
125 11.6 7.2 10.8#



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





#90

Dibenzo(a,h)anthracene

Concen: 1.44 ng

RT: 28.66 min Scan# 4394

Delta R.T. -0.01 min

Lab File: BG019169.D

Acq: 12 Oct 2015 22:22

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

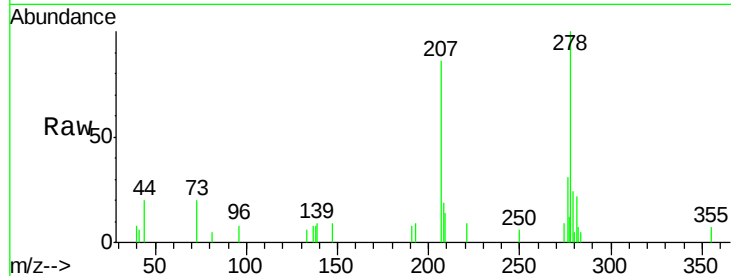
Tot Ion:278 Resp: 13063

Ion Ratio Lower Upper

278 100

139 9.1 8.6 12.8

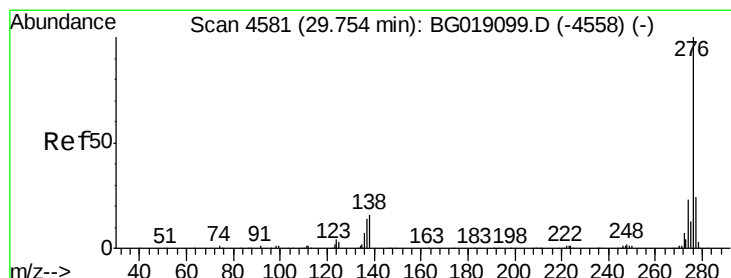
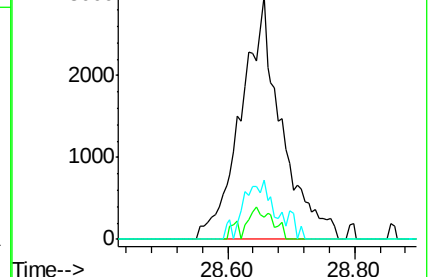
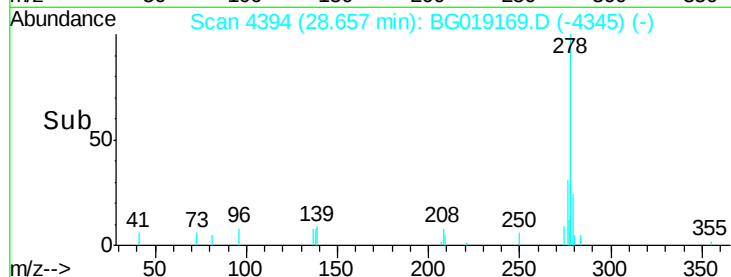
279 24.2 19.5 29.3



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 1.42 ng

RT: 29.71 min Scan# 4573

Delta R.T. -0.06 min

Lab File: BG019169.D

Acq: 12 Oct 2015 22:22

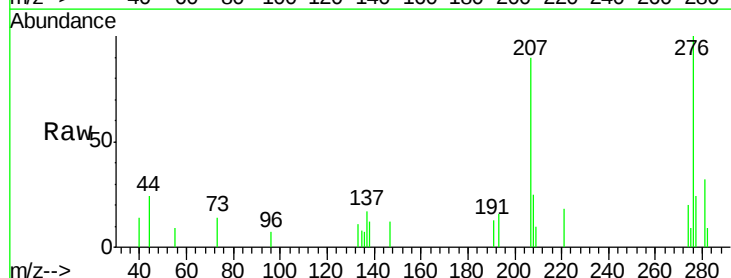
Tgt Ion:276 Resp: 11902

Ion Ratio Lower Upper

276 100

277 23.9 19.5 29.3

138 11.9 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

