

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101315\
 Data File : BG019170.D
 Acq On : 12 Oct 2015 23:00
 Operator : UM/NP
 Sample : G3707-03
 Misc : LOD 5PPM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

Quant Time: Oct 13 03:53:37 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	17253	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	78588	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	57154	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	147791	20.00	ng	0.00
75) Chrysene-d12	21.68	240	180115	20.00	ng	-0.01
86) Perylene-d12	24.91	264	176868	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	108840	128.44	ng	0.00
7) Phenol-d6	7.20	99	166010	127.53	ng	0.00
23) Nitrobenzene-d5	9.19	82	113174	79.57	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	96738	124.21	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	282893	76.11	ng	0.00
78) Terphenyl-d14	20.02	244	528192	77.46	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.51	88	1093	3.07	ng	# 67
3) Pyridine	3.91	79	2564	2.35	ng	82
4) n-Nitrosodimethylamine	3.81	42	2371	3.84	ng	# 86
6) Aniline	7.36	93	3707	2.10	ng	98
8) 2-Chlorophenol	7.60	128	4450	4.19	ng	95
9) Benzaldehyde	7.17	77	4153	5.06	ng	91
10) Phenol	7.23	94	5958	4.40	ng	90
11) bis(2-Chloroethyl)ether	7.45	93	4099	4.00	ng	88
12) 1,3-Dichlorobenzene	7.92	146	4156	3.58	ng	95
13) 1,4-Dichlorobenzene	7.92	146	4156	3.50	ng	99
14) 1,2-Dichlorobenzene	8.39	146	4455	3.88	ng	96
15) Benzyl Alcohol	8.27	79	4222	3.63	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.56	45	9080	4.14	ng	97
17) 2-Methylphenol	8.48	107	4103	4.24	ng	93
18) Hexachloroethane	9.11	117	1658	3.66	ng	# 88
19) n-Nitroso-di-n-propylamine	8.83	70	3615	3.50	ng	# 97
20) 3+4-Methylphenols	8.80	107	5479	3.93	ng	93
22) Acetophenone	8.85	105	6830	3.72	ng	# 93
24) Nitrobenzene	9.23	77	5881	3.90	ng	94
25) Isophorone	9.75	82	9632	3.33	ng	98
26) 2-Nitrophenol	9.94	139	2206	3.43	ng	90
27) 2,4-Dimethylphenol	10.01	122	3963	3.52	ng	# 92
28) bis(2-Chloroethoxy)methane	10.24	93	5404	3.50	ng	98
29) 2,4-Dichlorophenol	10.48	162	4586	3.89	ng	91
30) 1,2,4-Trichlorobenzene	10.70	180	4853	3.84	ng	98
31) Naphthalene	10.89	128	15000	3.97	ng	96
32) Benzoic acid	10.13	122	311	8.17	ng	# 68
33) 4-Chloroaniline	10.99	127	4155	2.36	ng	98
34) Hexachlorobutadiene	11.17	225	3766	4.34	ng	96
35) Caprolactam	11.75	113	1271	2.93	ng	# 74
36) 4-Chloro-3-methylphenol	12.12	107	5559	3.71	ng	91
37) 2-Methylnaphthalene	12.49	142	11497	3.91	ng	96
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	6310	3.84	ng	97
40) Hexachlorocyclopentadiene	12.84	237	2148	2.51	ng	97

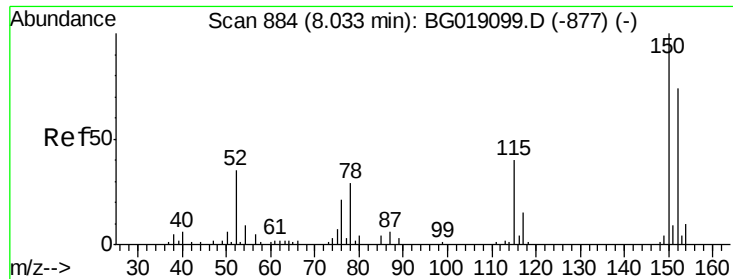
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101315\
 Data File : BG019170.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	4320	3.78	nq	88
43) 2,4,5-Trichlorophenol	13.17	196	4608	3.79	nq	91
45) 1,1'-Biphenyl	13.49	154	15686	3.78	nq	95
46) 2-Chloronaphthalene	13.53	162	12463	3.90	nq	97
47) 2-Nitroaniline	13.74	65	4631	3.61	nq	98
48) Acenaphthylene	14.38	152	19999	3.55	nq	98
49) Dimethylphthalate	14.11	163	16216	3.59	nq	98
50) 2,6-Dinitrotoluene	14.23	165	3312	3.43	nq	94
51) Acenaphthene	14.72	154	11746	3.47	nq	98
52) 3-Nitroaniline	14.56	138	3348	3.15	nq	# 94
53) 2,4-Dinitrophenol	14.75	184	111	1.56	nq	# 9
54) Dibenzofuran	15.06	168	20671	4.13	nq	95
55) 4-Nitrophenol	14.87	139	2108	2.62	nq	94
56) 2,4-Dinitrotoluene	15.01	165	5008	3.57	nq	# 89
57) Fluorene	15.71	166	16939	3.90	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.28	232	4374	3.80	nq	# 95
59) Diethylphthalate	15.47	149	17606	3.75	nq	99
60) 4-Chlorophenyl-phenylether	15.70	204	9290	4.20	nq	96
61) 4-Nitroaniline	15.72	138	3374	2.92	nq	92
62) Azobenzene	15.99	77	16828	3.87	nq	94
64) 4,6-Dinitro-2-methylphenol	15.78	198	1404	1.74	nq	# 71
65) n-Nitrosodiphenylamine	15.91	169	14599	3.57	nq	98
66) 4-Bromophenyl-phenylether	16.59	248	5981	3.98	nq	92
67) Hexachlorobenzene	16.72	284	6846	3.88	nq	# 90
68) Atrazine	16.86	200	6252	3.72	nq	93
69) Pentachlorophenol	17.06	266	1933	2.10	nq	# 85
70) Phenanthrene	17.45	178	29968	3.94	nq	96
71) Anthracene	17.45	178	29968	3.94	nq	97
72) Carbazole	17.81	167	25120	3.53	nq	96
73) Di-n-butylphthalate	18.37	149	31783	3.64	nq	98
74) Fluoranthene	19.46	202	36343	3.71	nq	98
76) Benzidine	19.64	184	3451	0.75	nq	# 89
77) Pyrene	19.82	202	38109	3.78	nq	96
79) Butylbenzylphthalate	20.71	149	14388	3.50	nq	92
80) Benzo(a)anthracene	21.66	228	37185	3.85	nq	98
81) 3,3'-Dichlorobenzidine	21.58	252	11279	3.16	nq	89
82) Chrysene	21.72	228	34293	3.74	nq	99
83) Bis(2-ethylhexyl)phthalate	21.57	149	19620	3.44	nq	97
84) Di-n-octyl phthalate	22.79	149	32792	3.33	nq	100
85) Indeno(1,2,3-cd)pyrene	28.56	276	38617	3.46	nq	# 85
87) Benzo(b)fluoranthene	23.94	252	35295	3.71	nq	97
88) Benzo(k)fluoranthene	23.94	252	35295	3.76	nq	96
89) Benzo(a)pyrene	24.75	252	33671	3.75	nq	99
90) Dibenzo(a,h)anthracene	28.65	278	33178	3.44	nq	# 89
91) Benzo(g,h,i)perylene	29.73	276	30068	3.35	nq	# 87

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.03 min Scan# 883

Delta R.T. -0.00 min

Lab File: BG019170.D

Acq: 12 Oct 2015 23:00

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

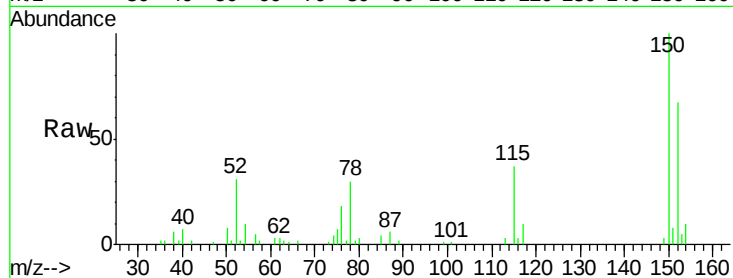
Tot Ion:152 Resp: 17253

Ion Ratio Lower Upper

152 100

150 149.0 108.2 162.2

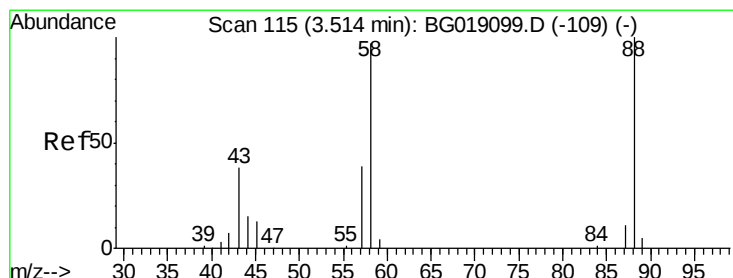
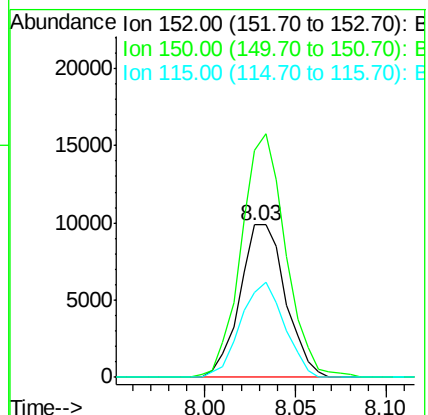
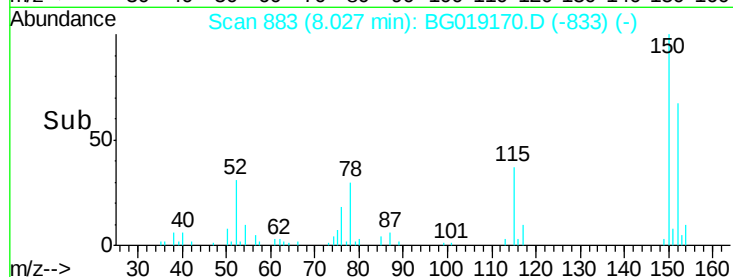
115 55.7 43.2 64.8



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: 3.07 ng

RT: 3.51 min Scan# 114

Delta R.T. -0.00 min

Lab File: BG019170.D

Acq: 12 Oct 2015 23:00

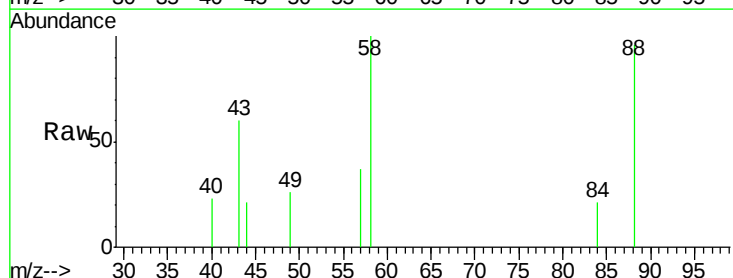
Tgt Ion: 88 Resp: 1093

Ion Ratio Lower Upper

88 100

58 131.6 81.1 121.7#

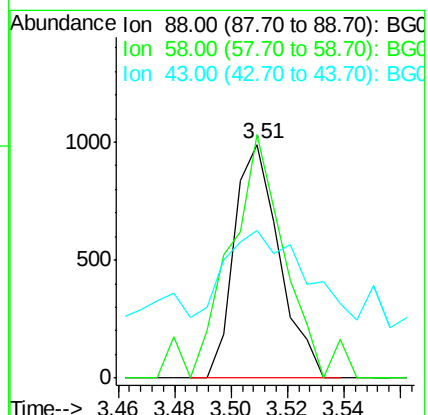
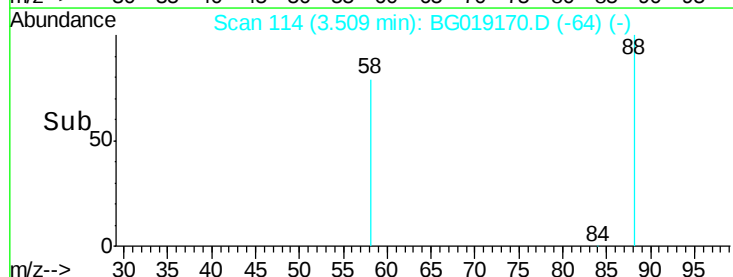
43 64.3 31.0 46.6#

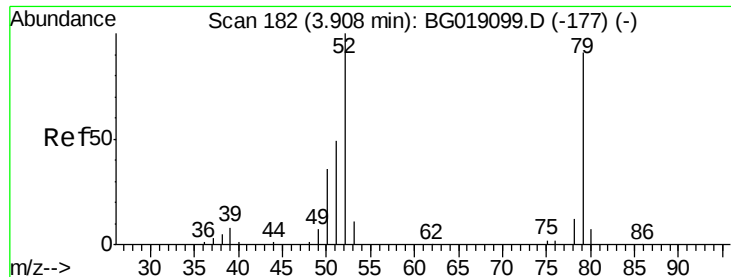


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC



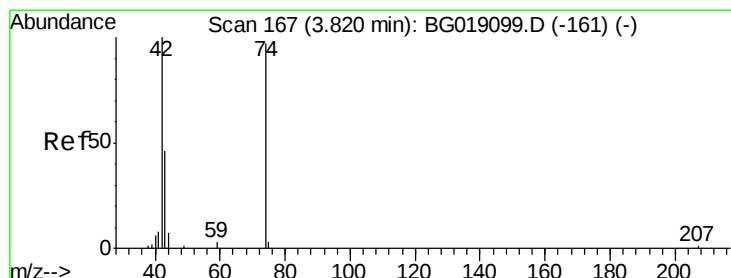
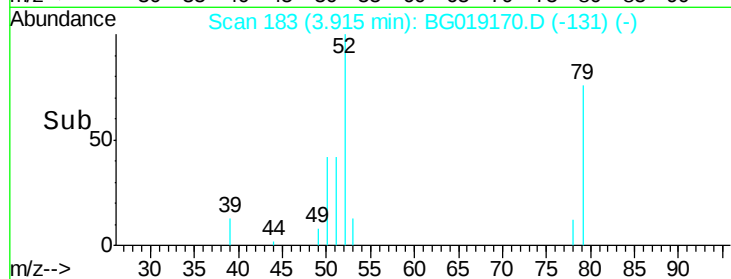
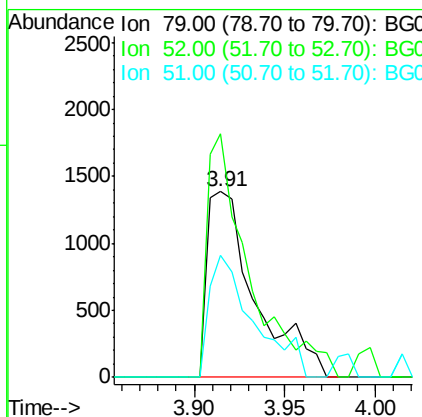
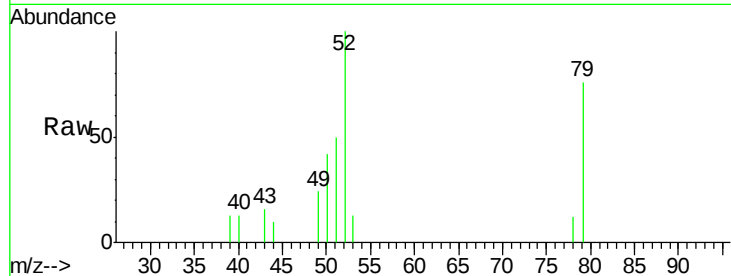


#3
 Pvridine
 Concen: 2.35 ng
 RT: 3.91 min Scan# 183
 Delta R.T. 0.01 min
 Lab File: BG019170.D
 Acq: 12 Oct 2015 23:00

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

Tot Ion: 79 Resp: 2564

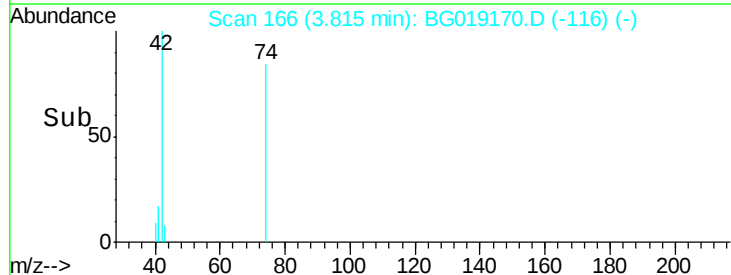
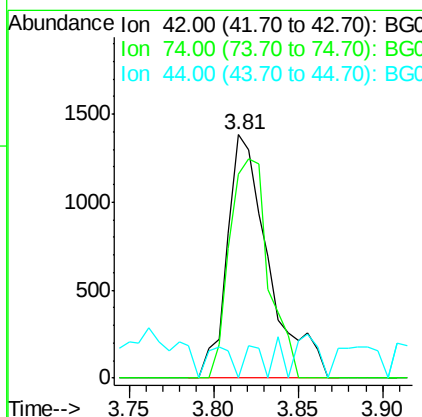
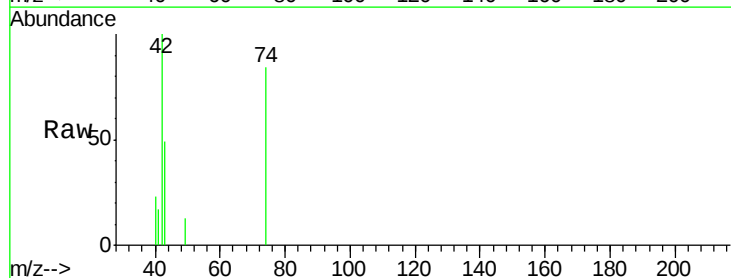
Ion	Ratio	Lower	Upper
79	100		
52	131.4	88.3	132.5
51	65.6	44.6	66.8

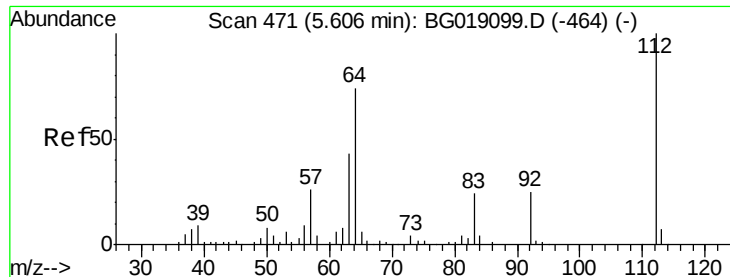


#4
 n-Nitrosodimethylamine
 Concen: 3.84 ng
 RT: 3.81 min Scan# 166
 Delta R.T. -0.00 min
 Lab File: BG019170.D
 Acq: 12 Oct 2015 23:00

Tgt Ion: 42 Resp: 2371

Ion	Ratio	Lower	Upper
42	100		
74	83.9	77.3	115.9
44	0.0	7.2	10.8#





#5

2-Fluorophenol

Concen: 128.44 ng

RT: 5.61 min Scan# 471

Delta R.T. 0.00 min

Lab File: BG019170.D

Acq: 12 Oct 2015 23:00

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

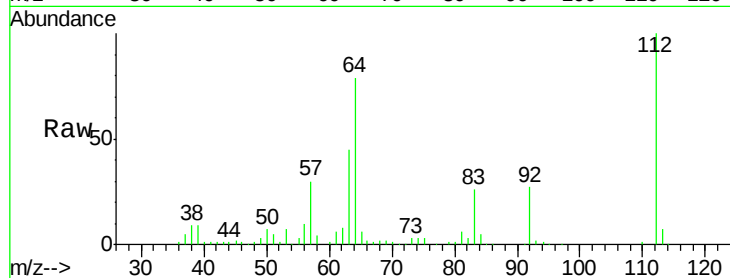
Tot Ion:112 Resp: 108840

Ion Ratio Lower Upper

112 100

64 78.8 59.0 88.4

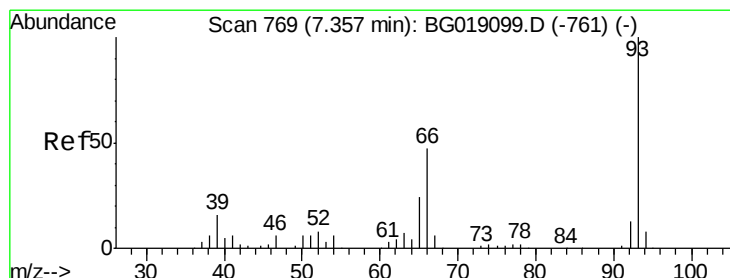
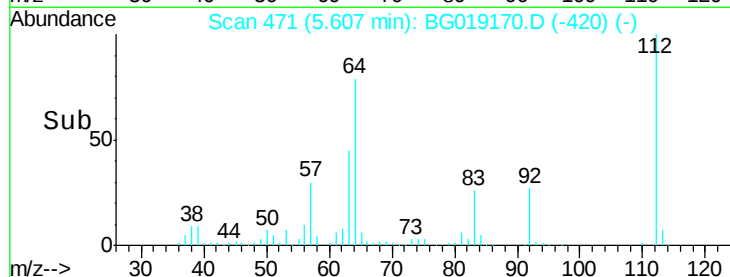
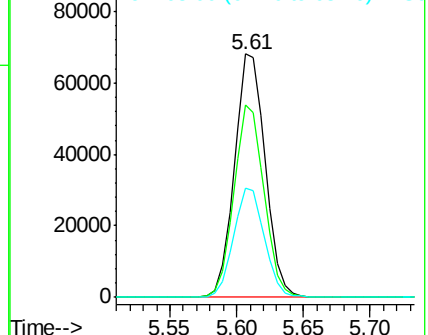
63 44.9 34.7 52.1



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: 2.10 ng

RT: 7.36 min Scan# 769

Delta R.T. -0.00 min

Lab File: BG019170.D

Acq: 12 Oct 2015 23:00

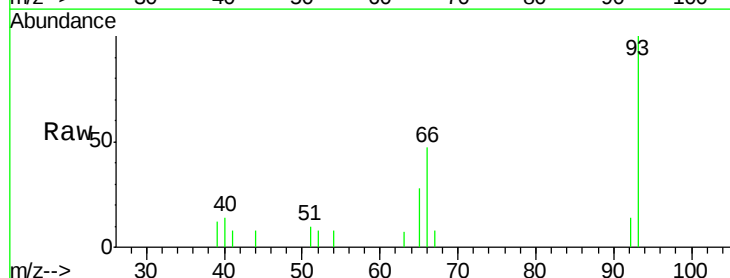
Tgt Ion: 93 Resp: 3707

Ion Ratio Lower Upper

93 100

66 46.9 37.4 56.2

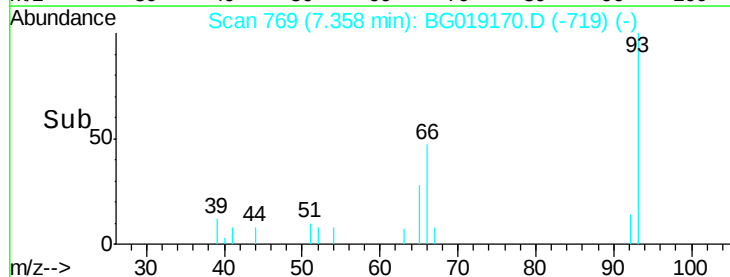
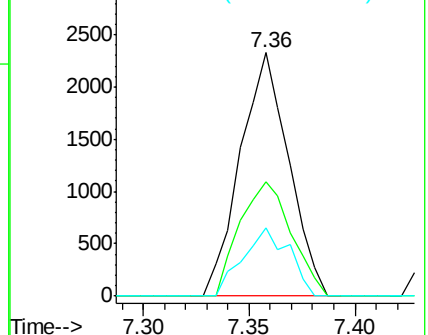
65 27.8 19.6 29.4

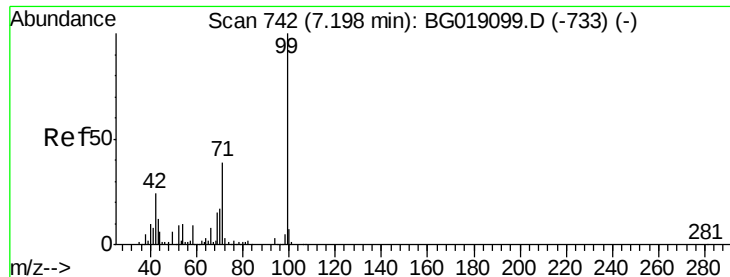


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 127.53 ng

RT: 7.20 min Scan# 743

Delta R.T. 0.00 min

Lab File: BG019170.D

Acq: 12 Oct 2015 23:00

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LOD-SOIL2015-01

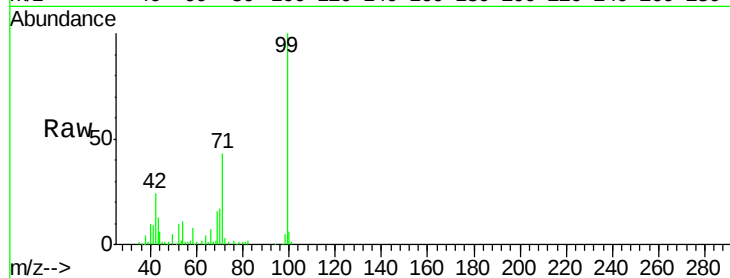
Tot Ion: 99 Resp: 166010

Ion Ratio Lower Upper

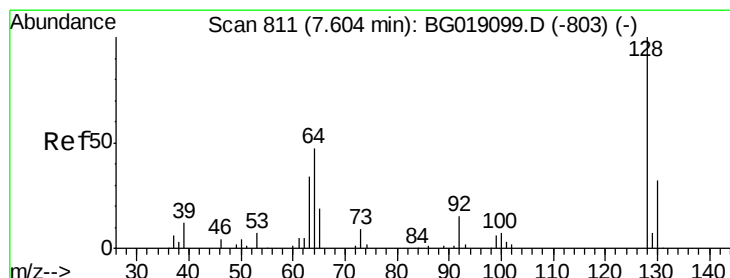
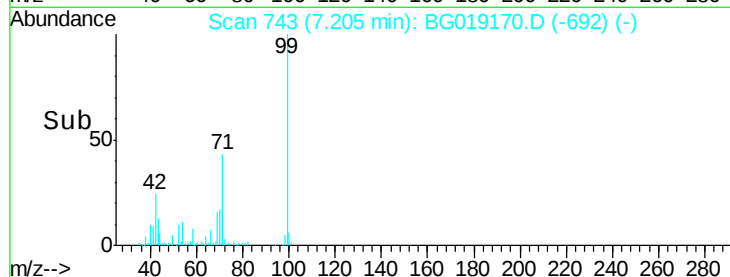
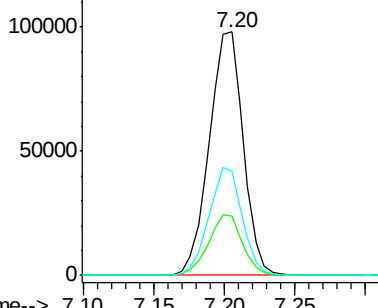
99 100

42 24.2 19.5 29.3

71 42.7 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: 4.19 ng

RT: 7.60 min Scan# 810

Delta R.T. -0.00 min

Lab File: BG019170.D

Acq: 12 Oct 2015 23:00

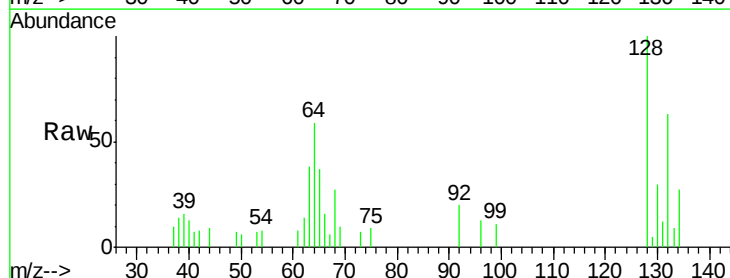
Tgt Ion: 128 Resp: 4450

Ion Ratio Lower Upper

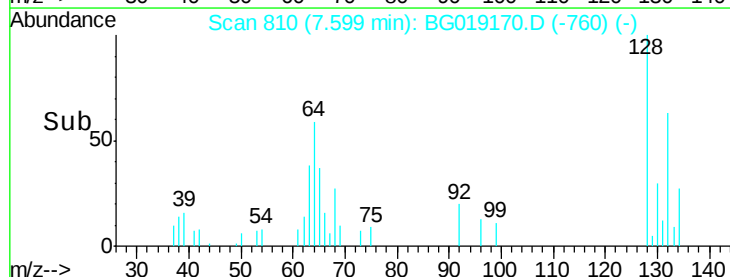
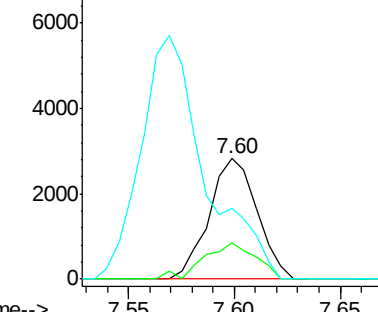
128 100

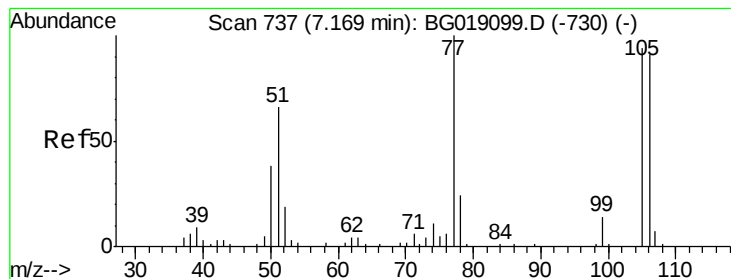
130 30.0 12.3 52.3

64 59.3 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: 5.06 ng

RT: 7.17 min Scan# 737

Delta R.T. 0.00 min

Lab File: BG019170.D

Acq: 12 Oct 2015 23:00

Instrument :

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LOD-SOIL2015-01

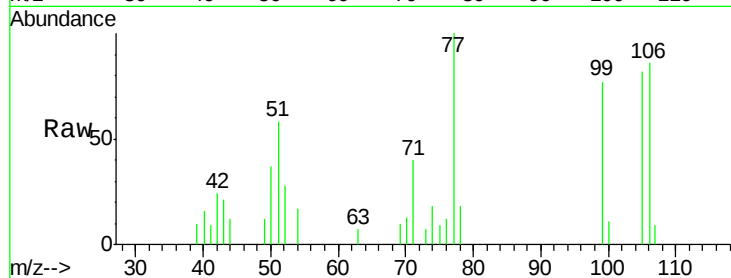
Tot Ion: 77 Resp: 4153

Ion Ratio Lower Upper

77 100

105 82.2 73.7 113.7

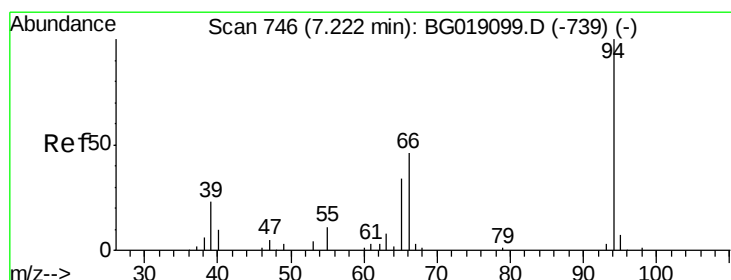
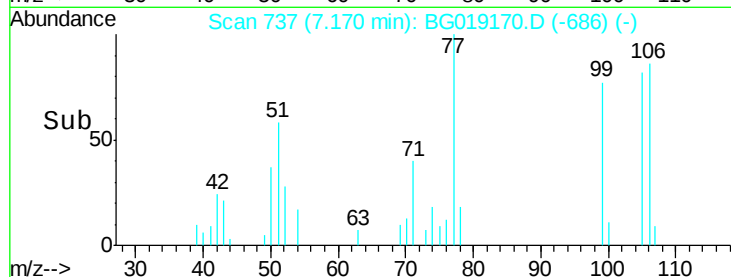
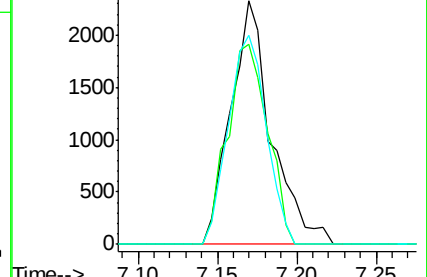
106 85.6 71.0 111.0



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: 4.40 ng

RT: 7.23 min Scan# 747

Delta R.T. 0.00 min

Lab File: BG019170.D

Acq: 12 Oct 2015 23:00

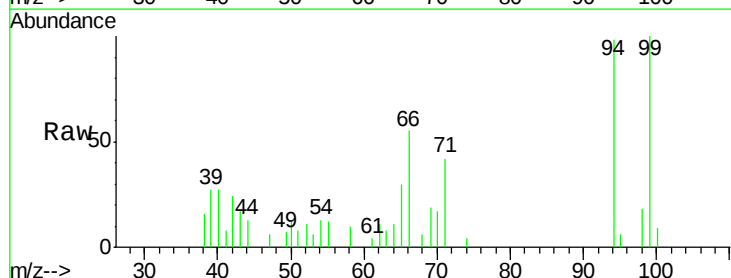
Tgt Ion: 94 Resp: 5958

Ion Ratio Lower Upper

94 100

65 31.0 15.2 55.2

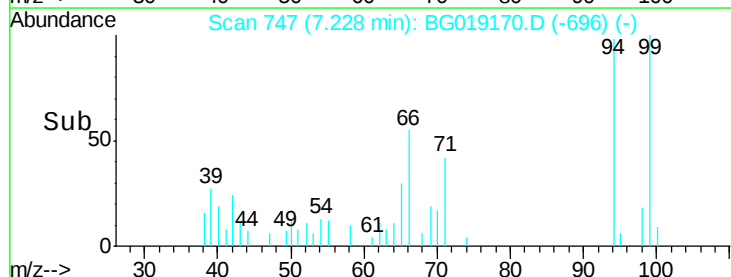
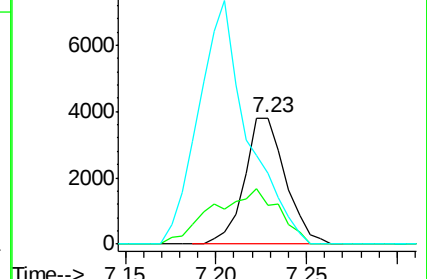
66 56.4 28.7 68.7

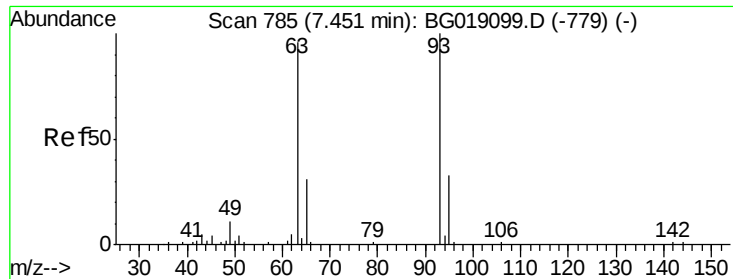


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

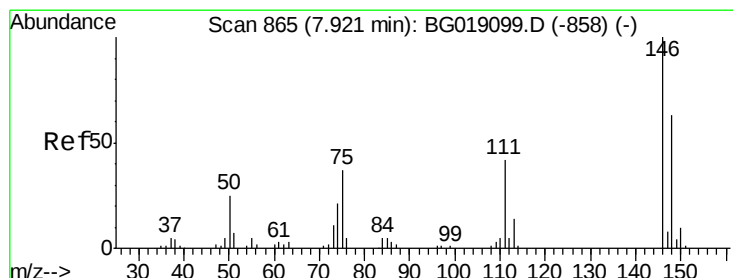
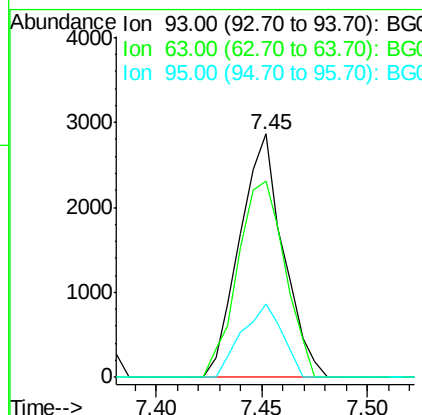
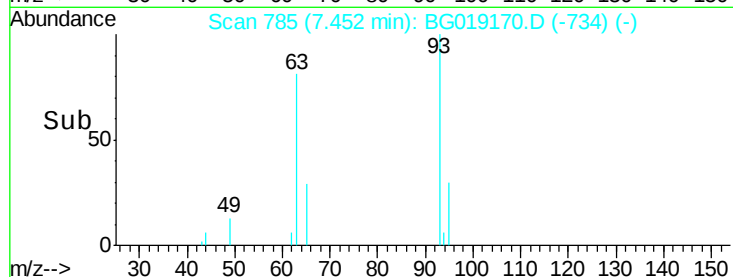
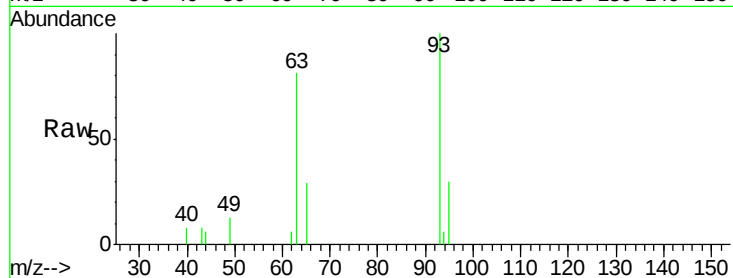




#11
bis(2-Chloroethyl)ether
Concen: 4.00 ng
RT: 7.45 min Scan# 785
Delta R.T. 0.00 min
Lab File: BG019170.D
Acq: 12 Oct 2015 23:00

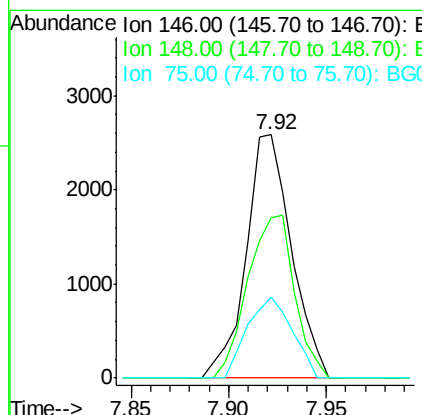
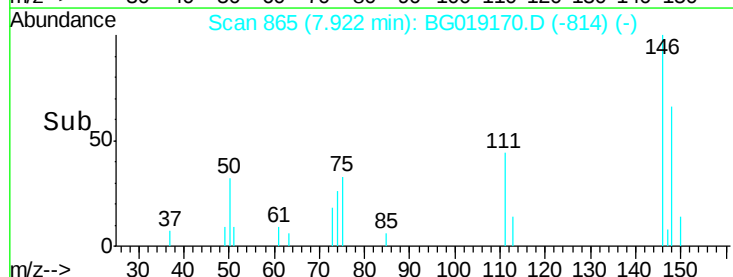
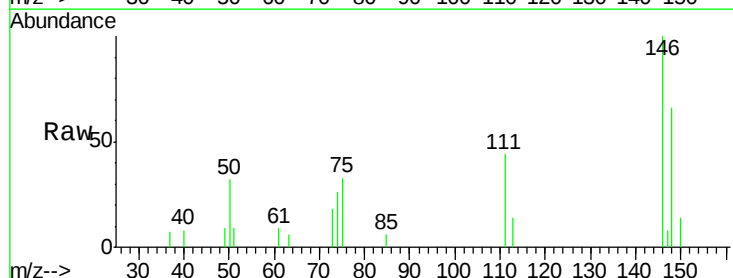
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

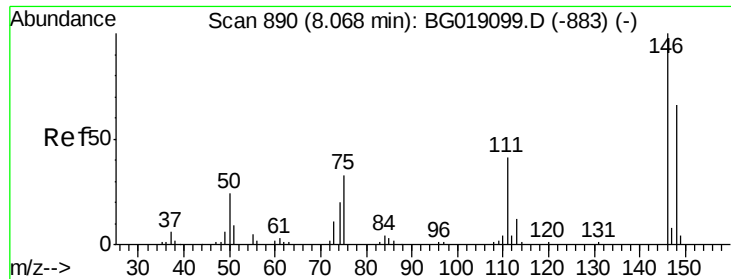
Tot Ion: 93 Resp: 4099
Ion Ratio Lower Upper
93 100
63 80.8 75.3 115.3
95 30.3 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 3.58 ng
RT: 7.92 min Scan# 865
Delta R.T. 0.00 min
Lab File: BG019170.D
Acq: 12 Oct 2015 23:00

Tgt Ion: 146 Resp: 4156
Ion Ratio Lower Upper
146 100
148 66.1 50.2 75.4
75 33.2 29.3 43.9

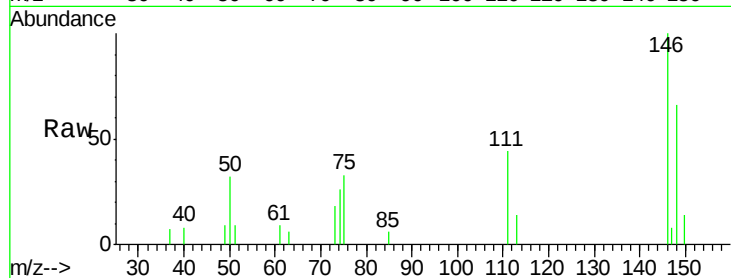




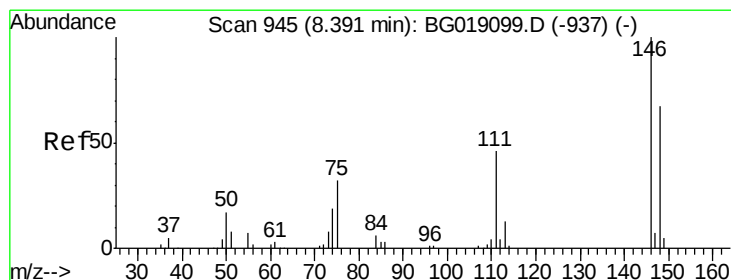
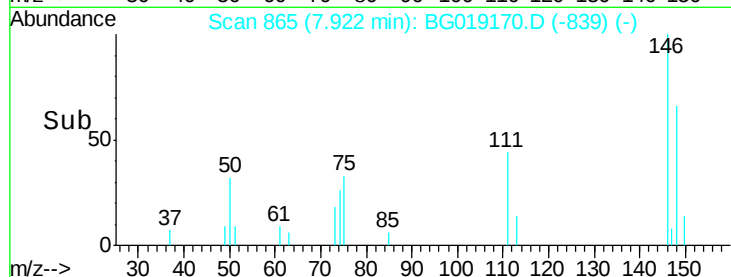
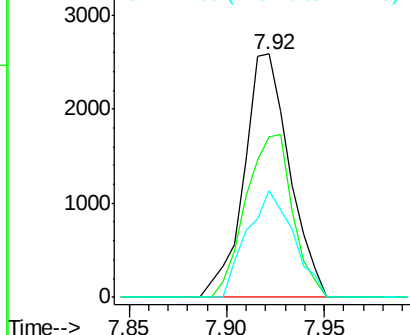
#13
 1,4-Dichlorobenzene
 Concen: 3.50 ng
 RT: 7.92 min Scan# 865
 Delta R.T. -0.15 min
 Lab File: BG019170.D
 Acq: 12 Oct 2015 23:00

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

Tot Ion:146 Resp: 4156
 Ion Ratio Lower Upper
 146 100
 148 66.1 52.9 79.3
 111 43.6 33.1 49.7

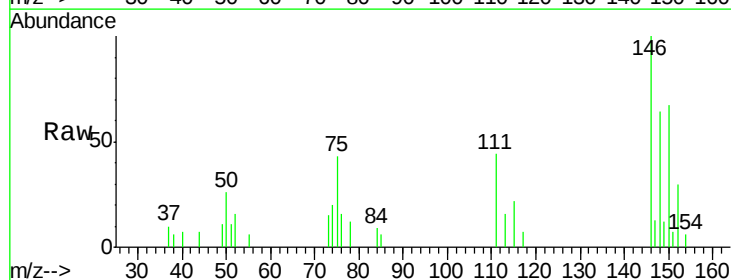


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

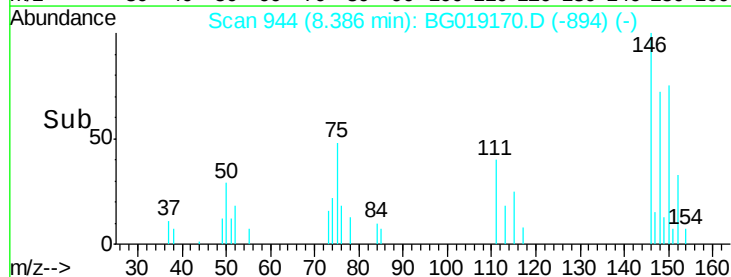
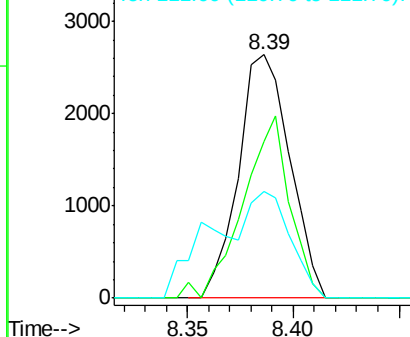


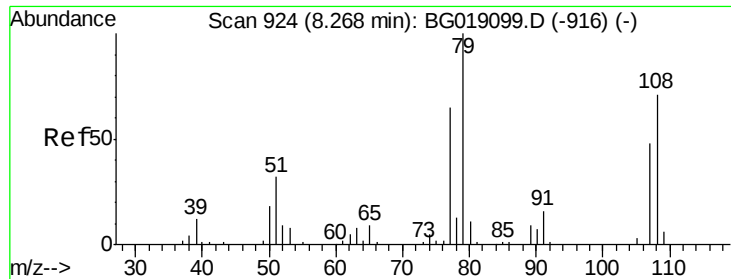
#14
 1,2-Dichlorobenzene
 Concen: 3.88 ng
 RT: 8.39 min Scan# 944
 Delta R.T. -0.00 min
 Lab File: BG019170.D
 Acq: 12 Oct 2015 23:00

Tgt Ion:146 Resp: 4455
 Ion Ratio Lower Upper
 146 100
 148 64.3 53.6 80.4
 111 43.8 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: 3.63 ng

RT: 8.27 min Scan# 924

Delta R.T. -0.01 min

Lab File: BG019170.D

Acq: 12 Oct 2015 23:00

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

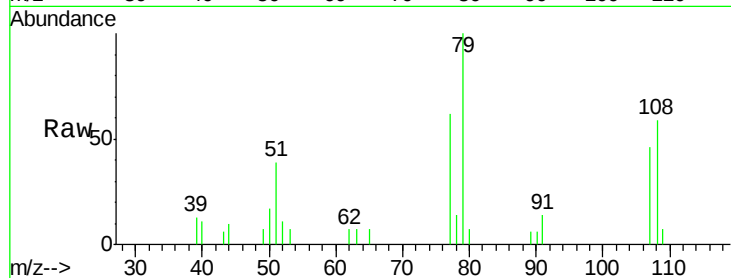
Tot Ion: 79 Resp: 4222

Ion Ratio Lower Upper

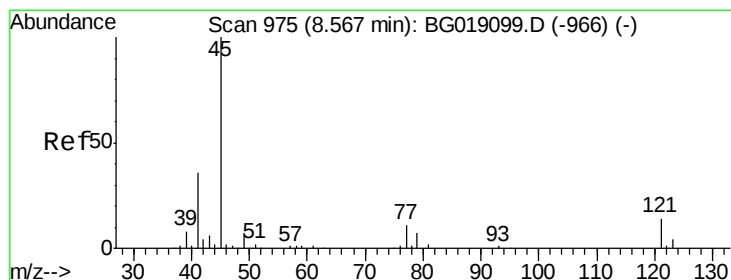
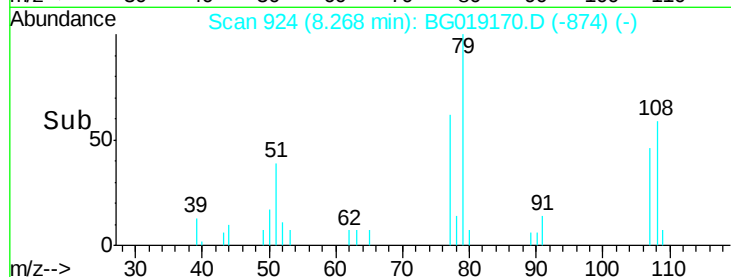
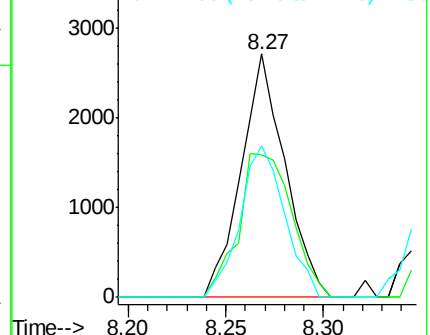
79 100

108 58.6 56.6 84.8

77 62.1 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: 4.14 ng

RT: 8.56 min Scan# 974

Delta R.T. -0.00 min

Lab File: BG019170.D

Acq: 12 Oct 2015 23:00

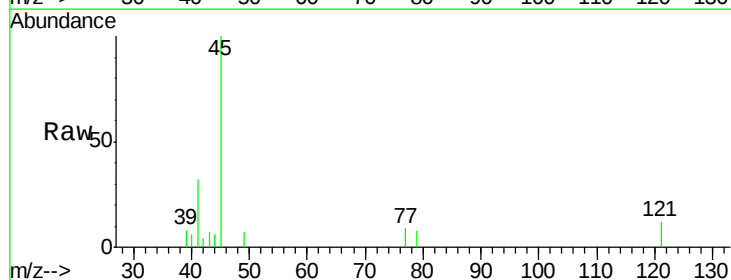
Tgt Ion: 45 Resp: 9080

Ion Ratio Lower Upper

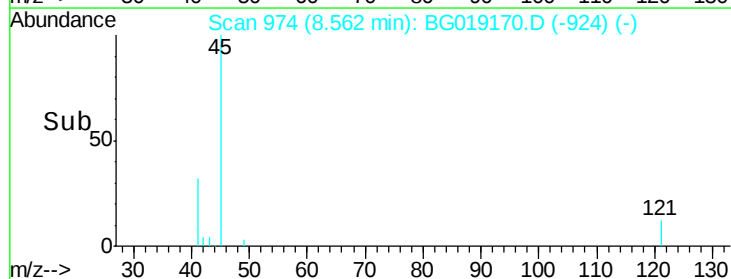
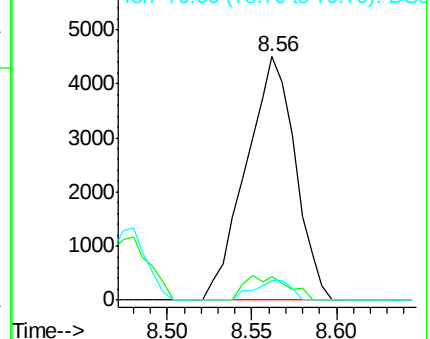
45 100

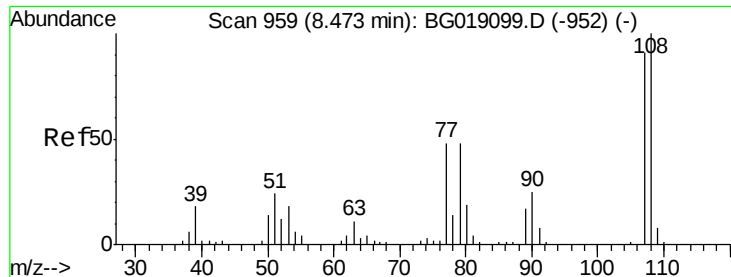
77 9.4 0.0 30.8

79 8.2 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

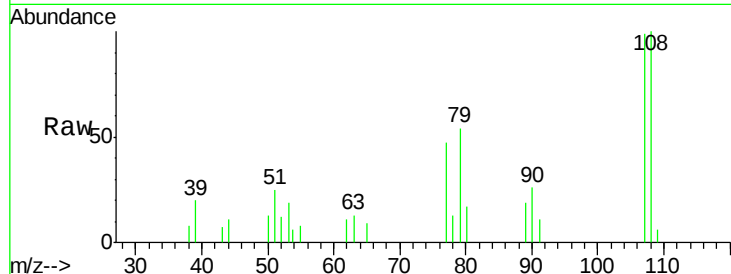




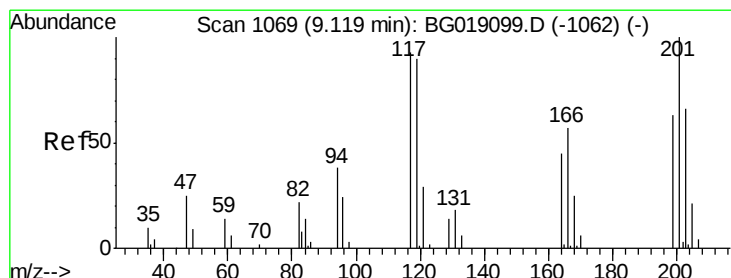
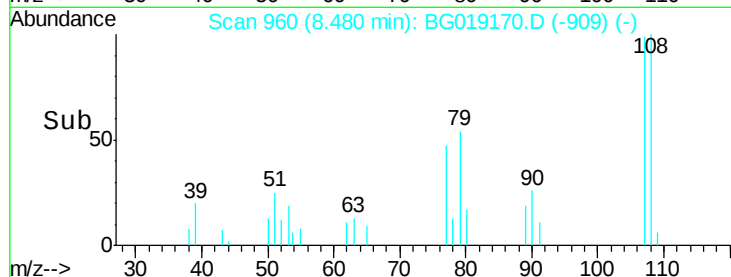
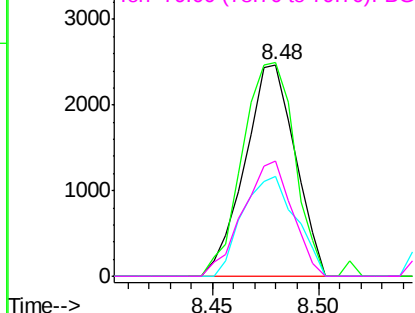
#17
2-Methylphenol
Concen: 4.24 ng
RT: 8.48 min Scan# 960
Delta R.T. 0.00 min
Lab File: BG019170.D
Acq: 12 Oct 2015 23:00

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tot Ion:107 Resp: 4103
Ion Ratio Lower Upper
107 100
108 101.0 87.7 131.5
77 47.5 42.2 63.2
79 54.3 42.1 63.1

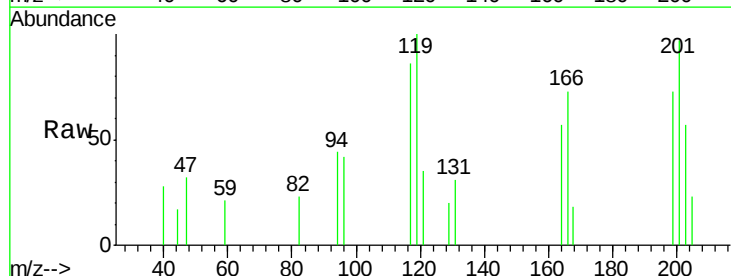


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

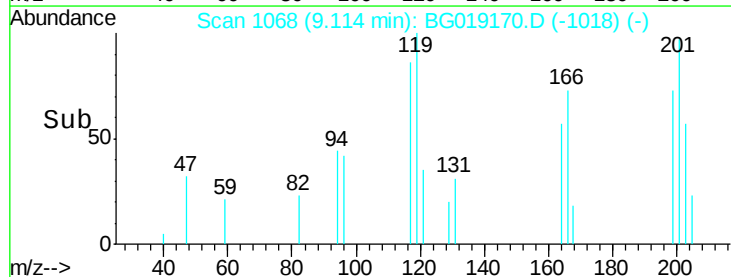
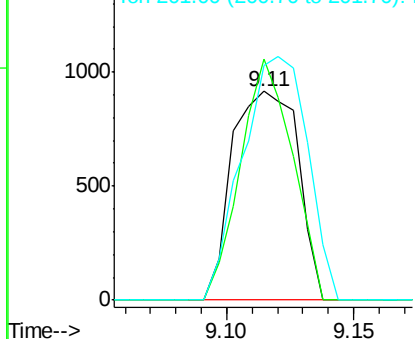


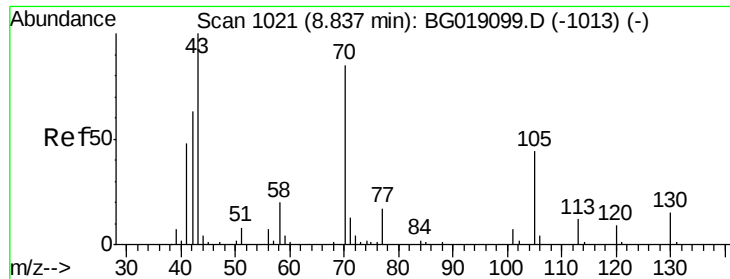
#18
Hexachloroethane
Concen: 3.66 ng
RT: 9.11 min Scan# 1068
Delta R.T. -0.00 min
Lab File: BG019170.D
Acq: 12 Oct 2015 23:00

Tgt Ion:117 Resp: 1658
Ion Ratio Lower Upper
117 100
119 115.6 77.0 115.4#
201 112.4 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

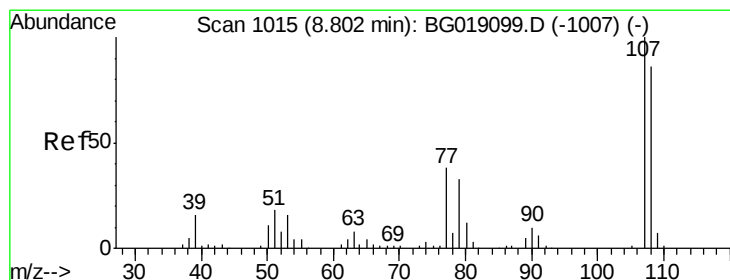
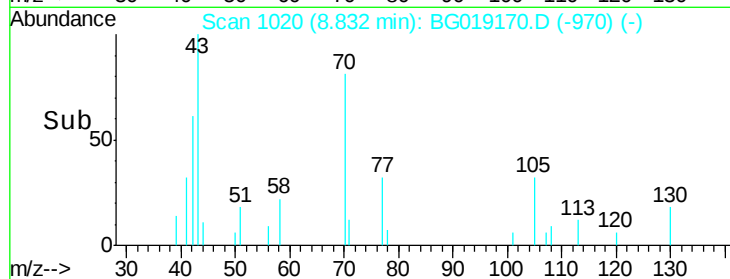
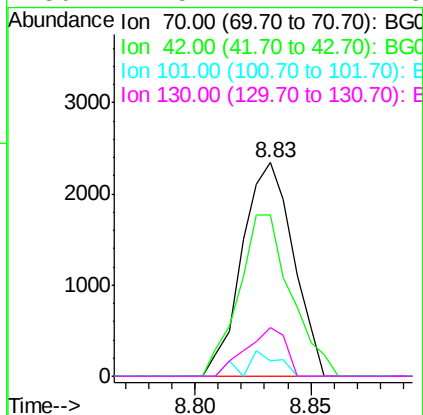
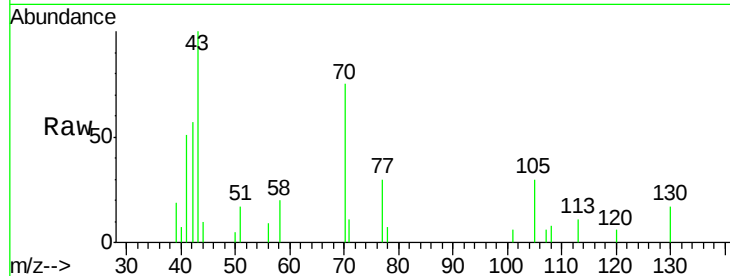




#19
n-Nitroso-di-n-propylamine
Concen: 3.50 ng
RT: 8.83 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BG019170.D
Acq: 12 Oct 2015 23:00

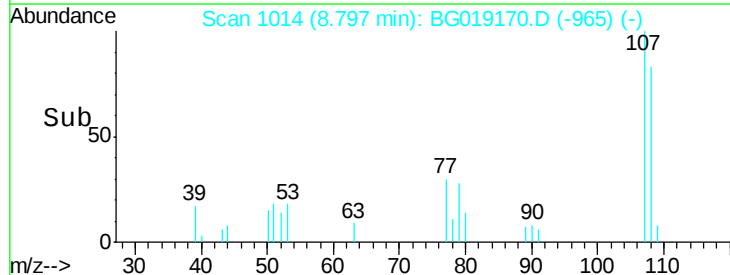
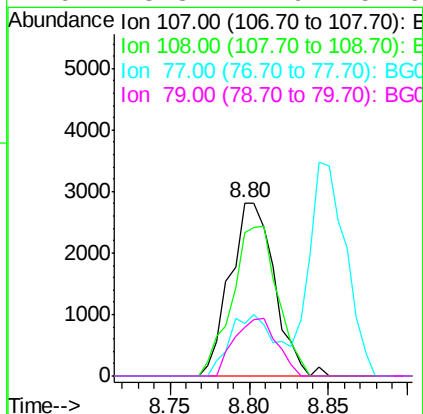
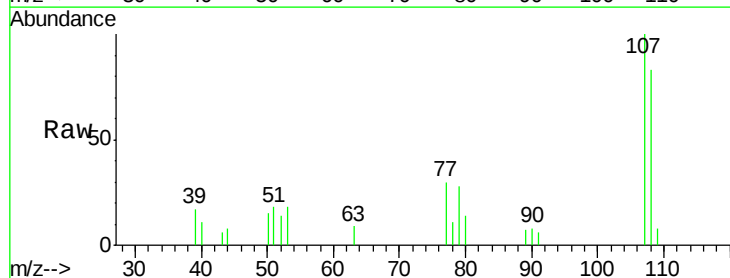
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

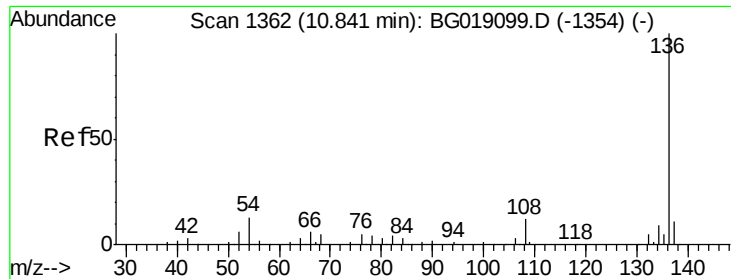
Tot Ion: 70 Resp: 3615
Ion Ratio Lower Upper
70 100
42 75.7 59.8 89.8
101 7.5 7.0 10.4
130 22.5 14.4 21.6#



#20
3+4-Methylphenols
Concen: 3.93 ng
RT: 8.80 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BG019170.D
Acq: 12 Oct 2015 23:00

Tgt Ion: 107 Resp: 5479
Ion Ratio Lower Upper
107 100
108 82.7 66.2 106.2
77 30.3 17.8 57.8
79 28.3 12.9 52.9

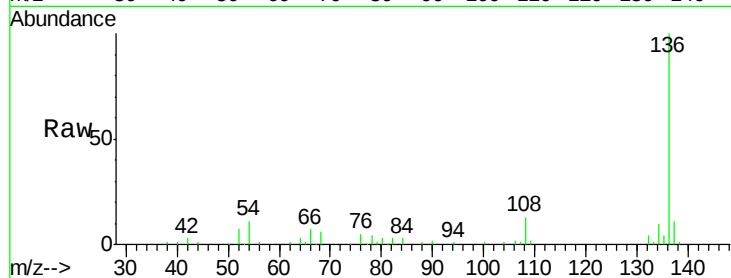




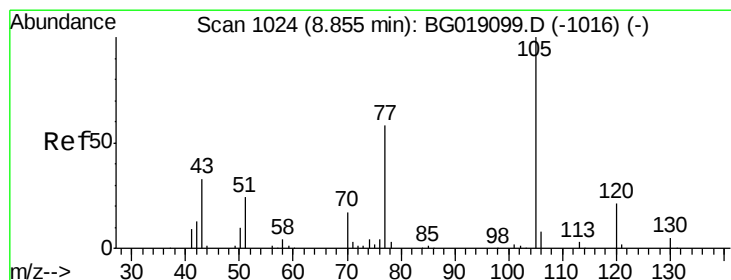
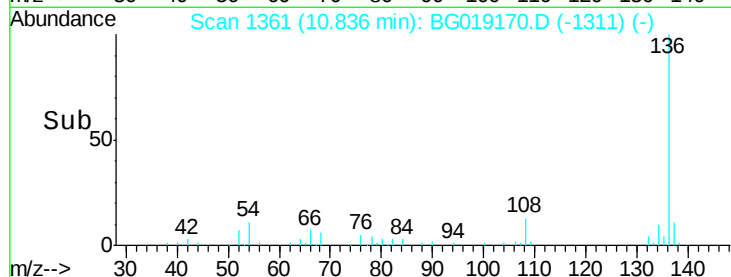
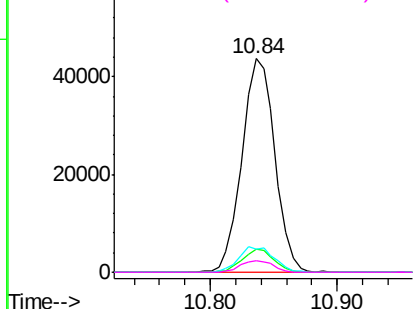
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.84 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BG019170.D
Acq: 12 Oct 2015 23:00

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tot Ion:136	Resp:	78588
Ion	Ratio	Lower Upper
136	100	
137	10.6	9.0 13.4
54	11.0	10.1 15.1
68	5.5	4.4 6.6

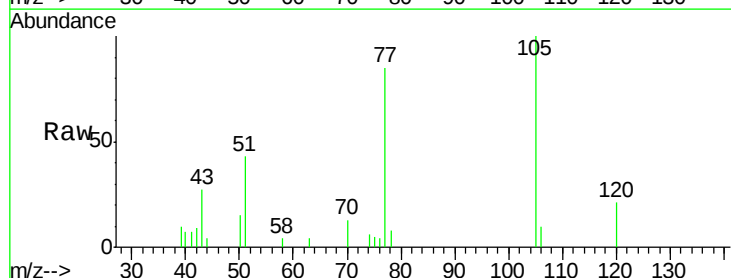


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

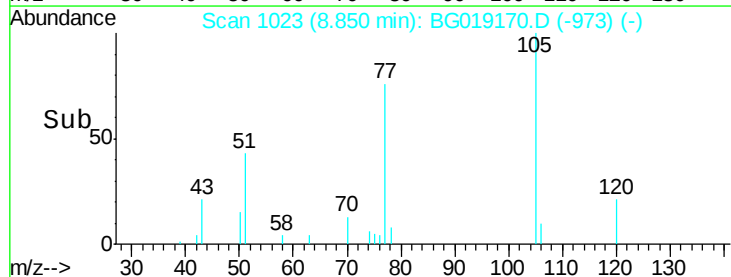
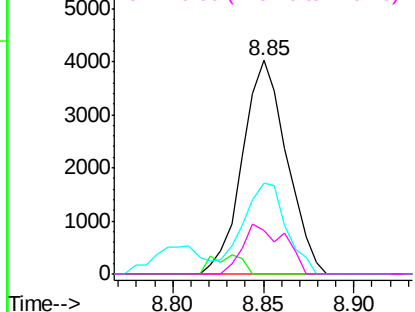


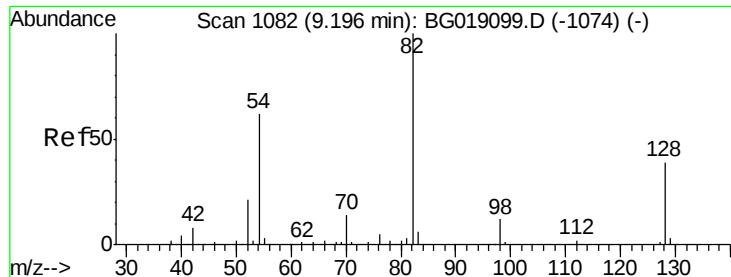
#22
Acetophenone
Concen: 3.72 ng
RT: 8.85 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BG019170.D
Acq: 12 Oct 2015 23:00

Tgt Ion:105	Resp:	6830
Ion	Ratio	Lower Upper
105	100	
71	0.0	2.2 3.2#
51	42.6	29.2 43.8
120	20.6	16.6 24.8



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

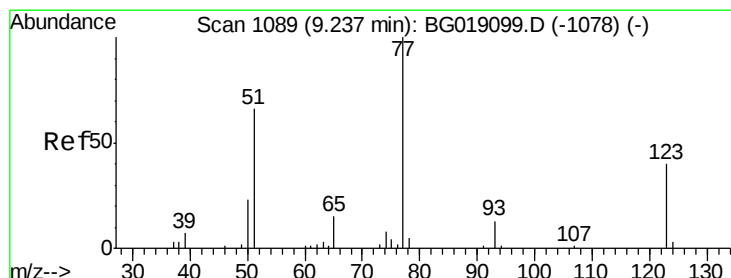
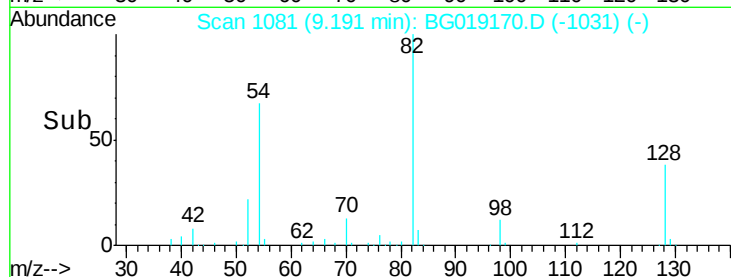
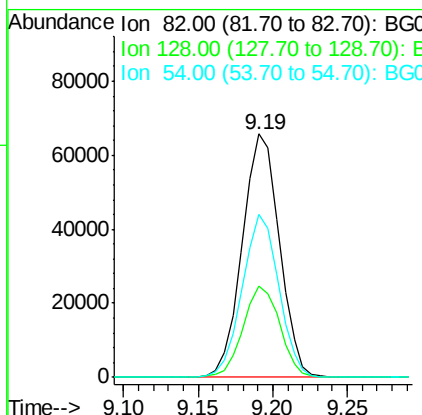
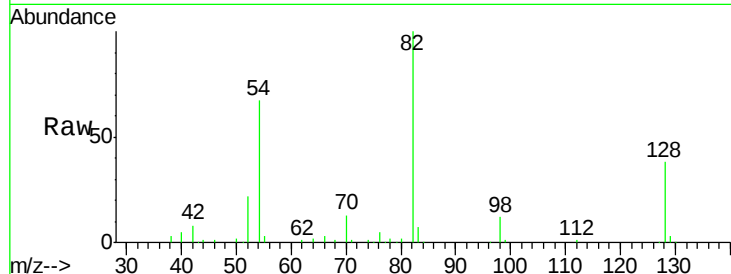




#23
Nitrobenzene-d5
Concen: 79.57 ng
RT: 9.19 min Scan# 1081
Delta R.T. -0.00 min
Lab File: BG019170.D
Acq: 12 Oct 2015 23:00

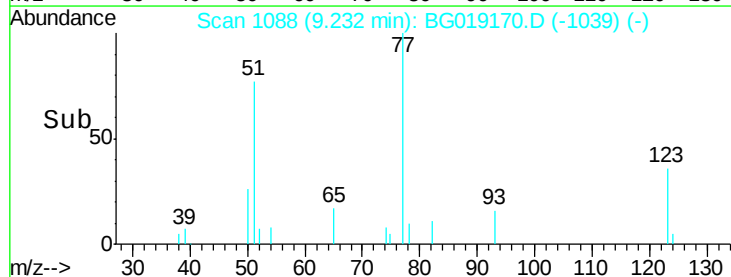
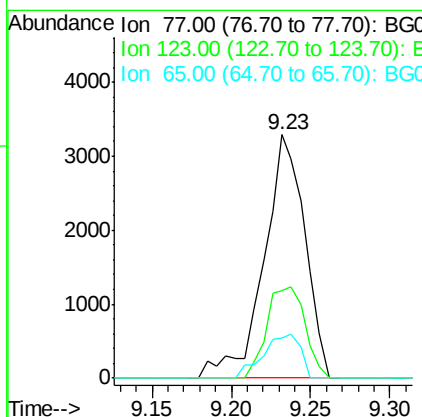
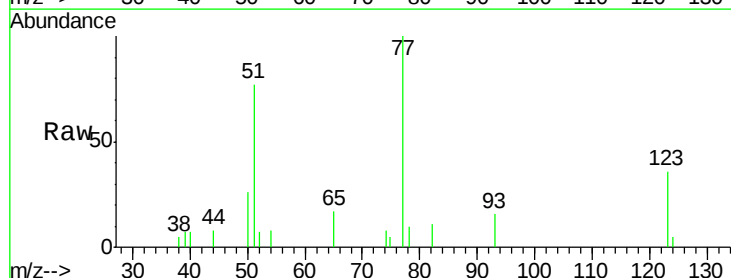
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

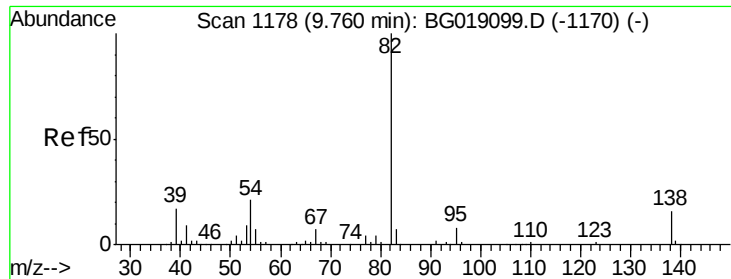
Tot Ion: 82 Resp: 113174
Ion Ratio Lower Upper
82 100
128 37.6 31.4 47.2
54 66.8 50.0 75.0



#24
Nitrobenzene
Concen: 3.90 ng
RT: 9.23 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BG019170.D
Acq: 12 Oct 2015 23:00

Tgt Ion: 77 Resp: 5881
Ion Ratio Lower Upper
77 100
123 35.7 31.8 47.6
65 16.6 11.8 17.6

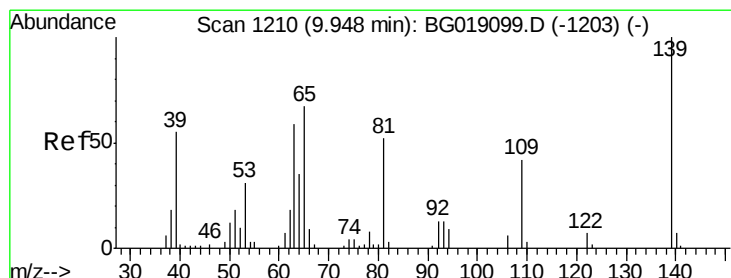
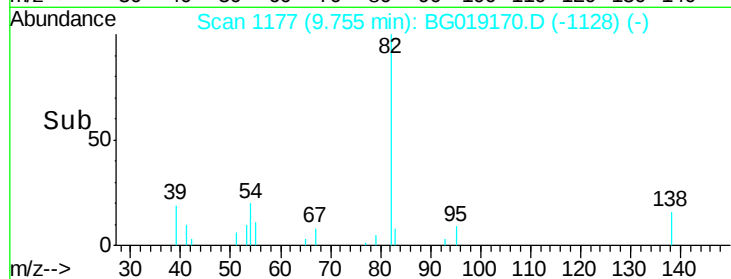
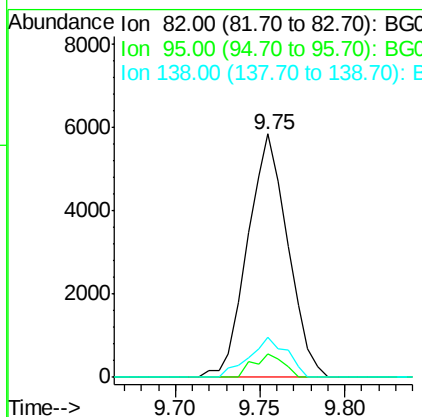
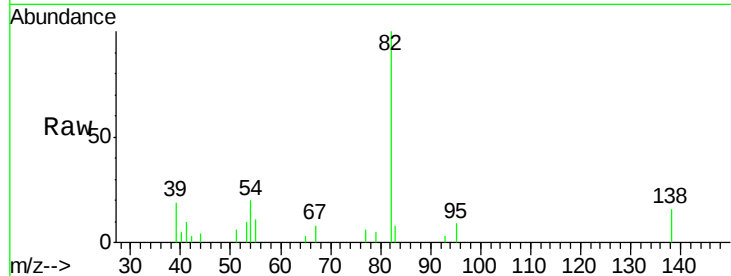




#25
Isophorone
Concen: 3.33 ng
RT: 9.75 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BG019170.D
Acq: 12 Oct 2015 23:00

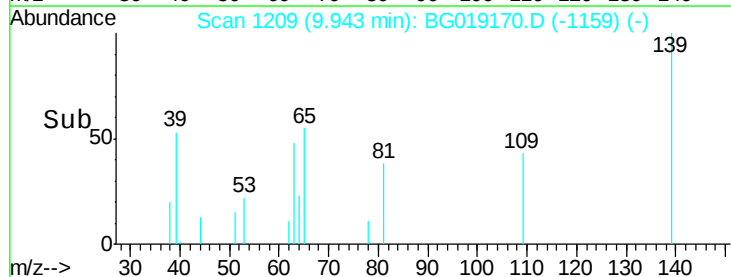
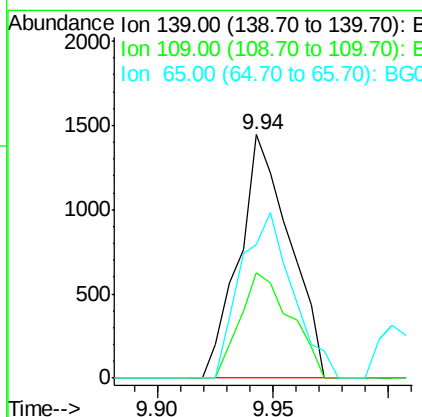
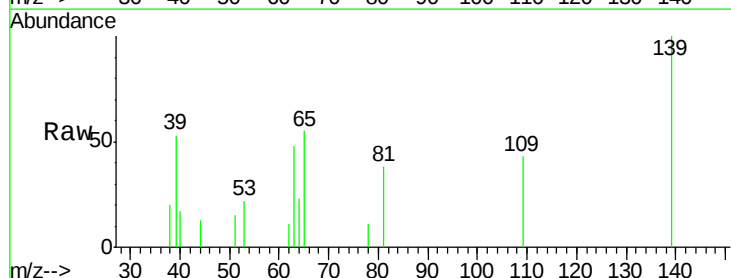
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

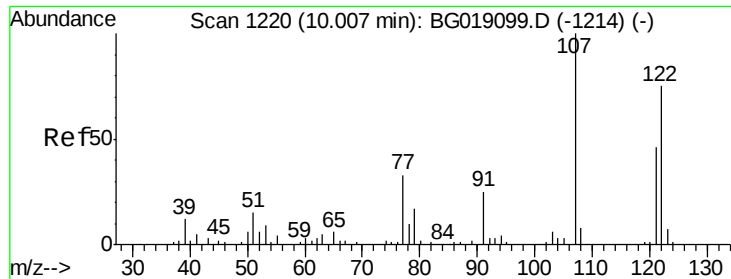
Tot Ion: 82 Resp: 9632
Ion Ratio Lower Upper
82 100
95 9.5 6.7 10.1
138 16.5 12.6 19.0



#26
2-Nitrophenol
Concen: 3.43 ng
RT: 9.94 min Scan# 1209
Delta R.T. -0.00 min
Lab File: BG019170.D
Acq: 12 Oct 2015 23:00

Tgt Ion: 139 Resp: 2206
Ion Ratio Lower Upper
139 100
109 43.3 33.3 49.9
65 54.7 53.6 80.4

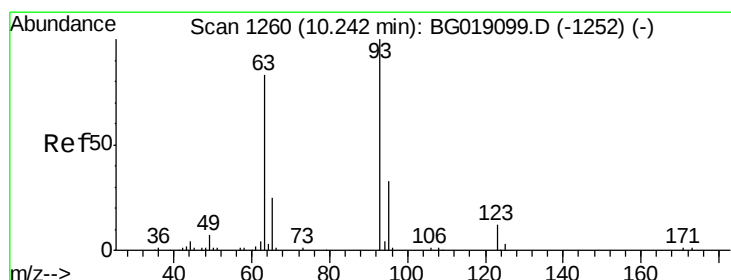
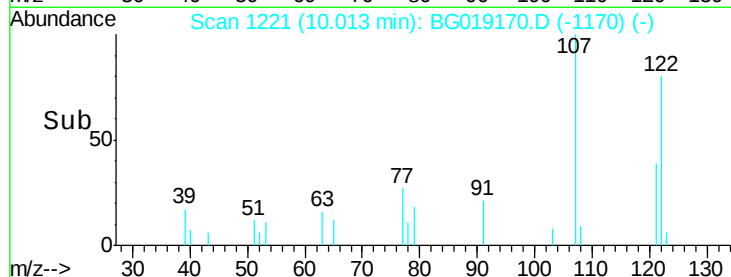
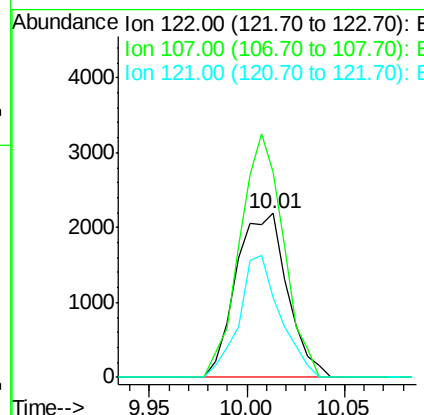
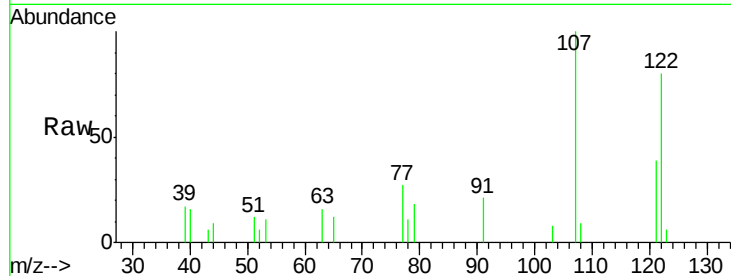




#27
 2,4-Dimethylphenol
 Concen: 3.52 ng
 RT: 10.01 min Scan# 1221
 Delta R.T. 0.00 min
 Lab File: BG019170.D
 Acq: 12 Oct 2015 23:00

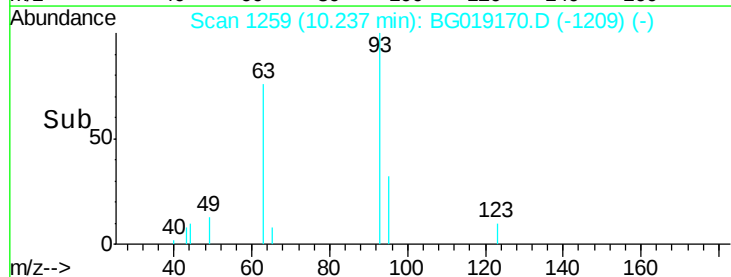
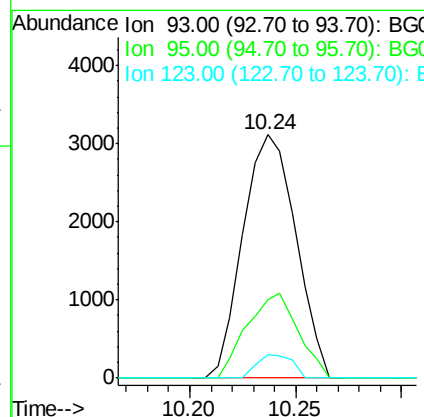
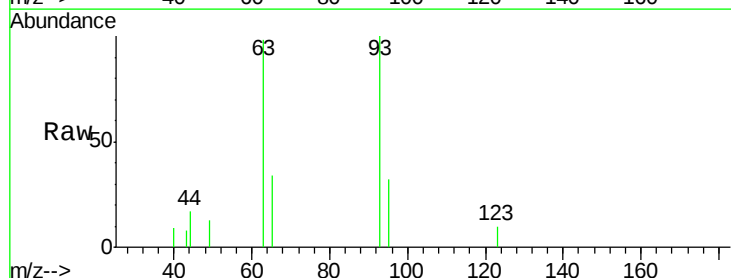
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

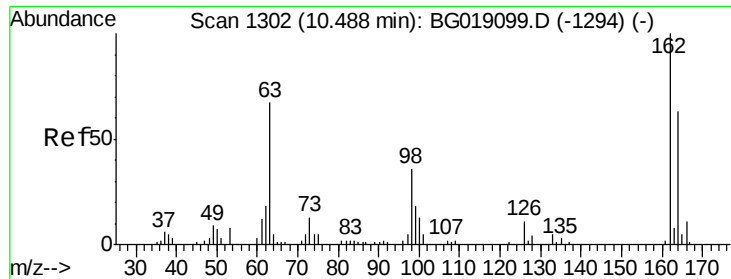
Tot Ion:122 Resp: 3963
 Ion Ratio Lower Upper
 122 100
 107 125.7 105.1 157.7
 121 48.5 48.7 73.1#



#28
 bis(2-Chloroethoxy)methane
 Concen: 3.50 ng
 RT: 10.24 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: BG019170.D
 Acq: 12 Oct 2015 23:00

Tgt Ion: 93 Resp: 5404
 Ion Ratio Lower Upper
 93 100
 95 32.4 26.5 39.7
 123 9.7 9.4 14.2

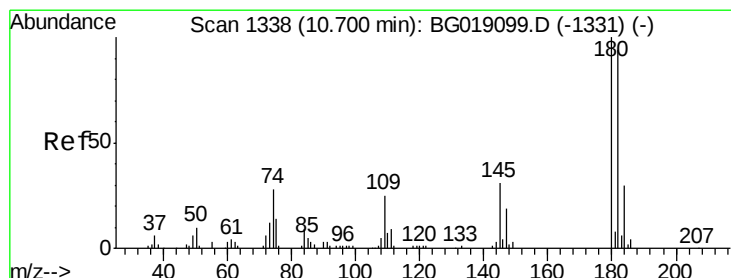
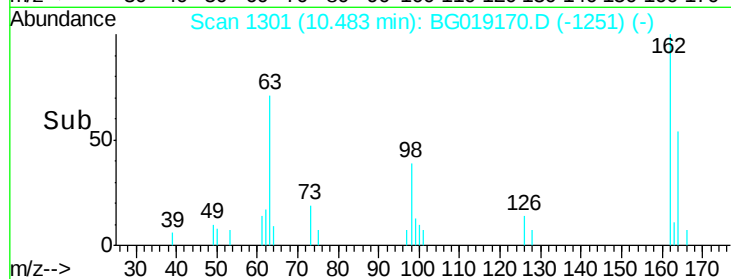
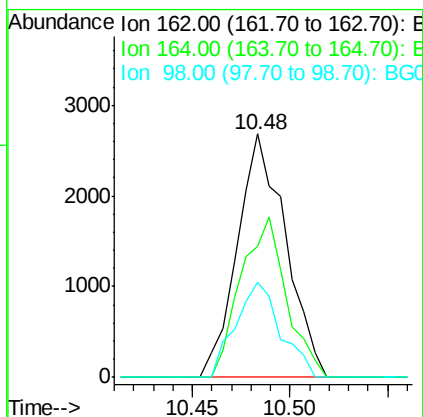
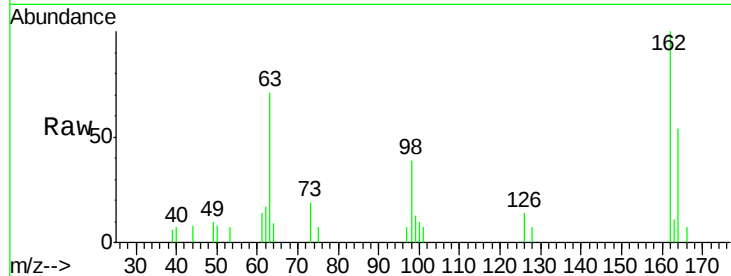




#29
2,4-Dichlorophenol
Concen: 3.89 ng
RT: 10.48 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BG019170.D
Acq: 12 Oct 2015 23:00

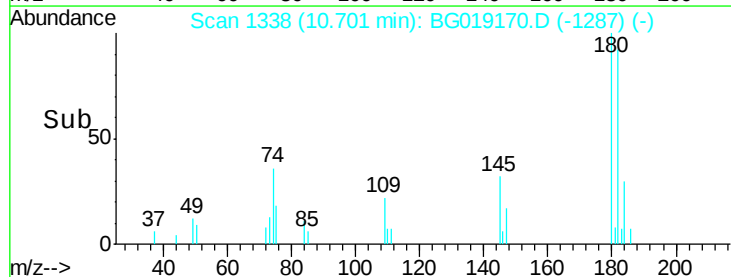
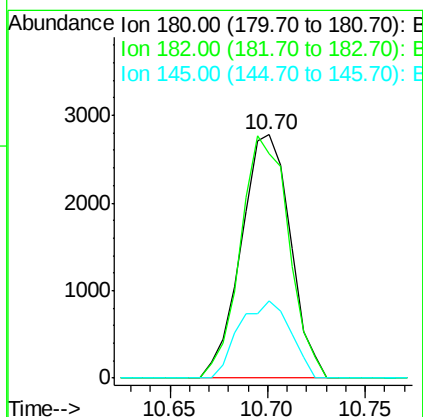
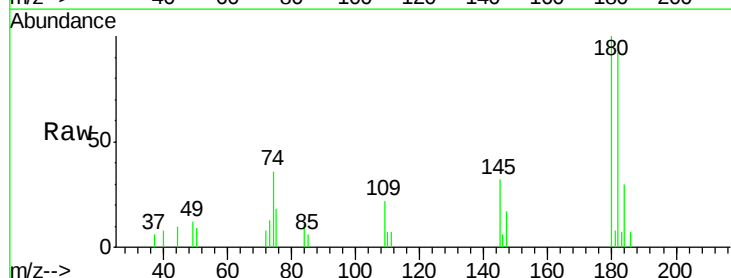
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

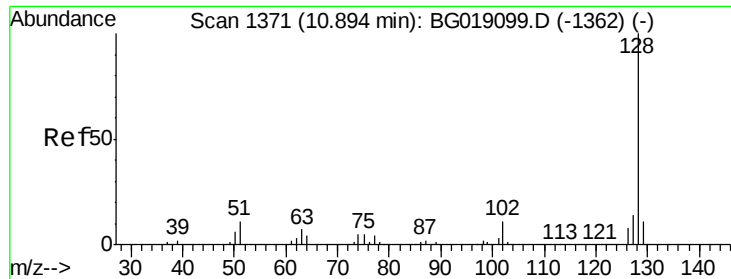
Tot Ion:162 Resp: 4586
Ion Ratio Lower Upper
162 100
164 53.8 42.8 82.8
98 38.9 16.1 56.1



#30
1,2,4-Trichlorobenzene
Concen: 3.84 ng
RT: 10.70 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BG019170.D
Acq: 12 Oct 2015 23:00

Tgt Ion:180 Resp: 4853
Ion Ratio Lower Upper
180 100
182 92.4 75.3 112.9
145 31.8 24.9 37.3

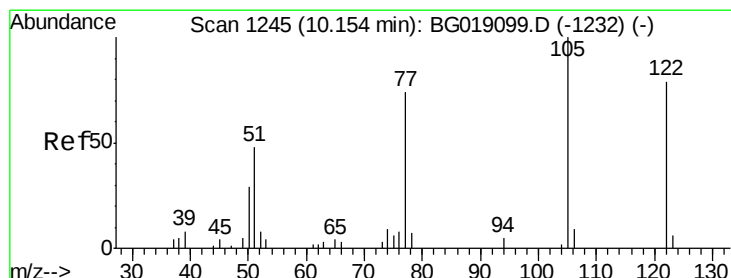
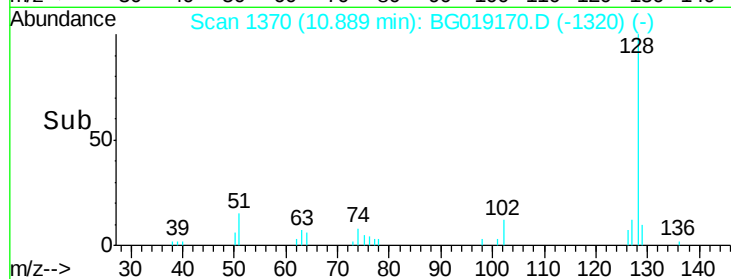
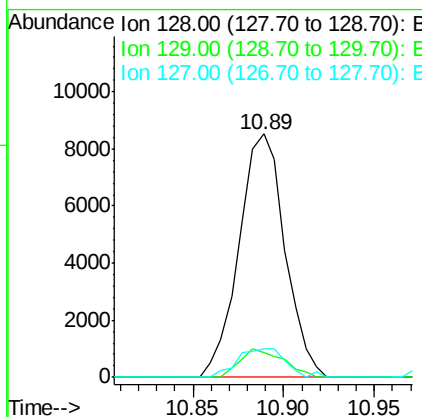
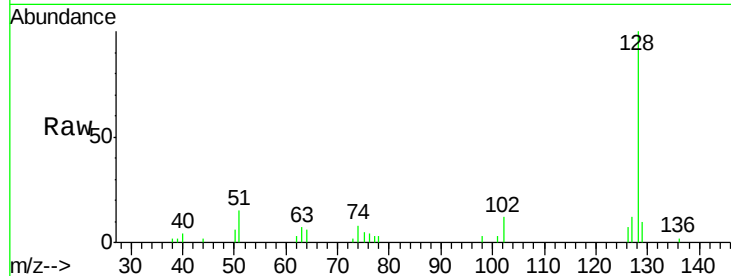




#31
Naphthalene
Concen: 3.97 ng
RT: 10.89 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BG019170.D
Acq: 12 Oct 2015 23:00

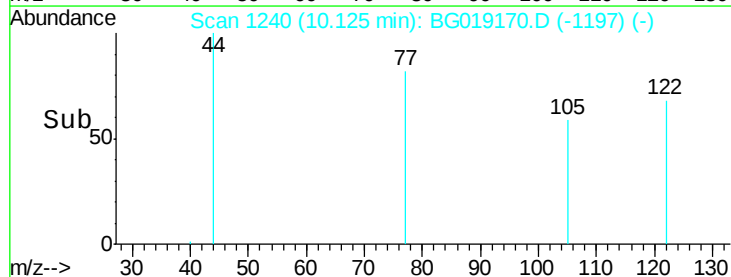
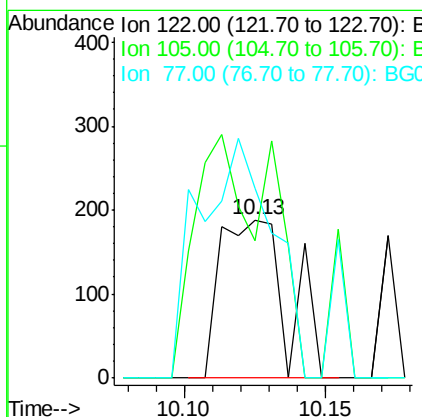
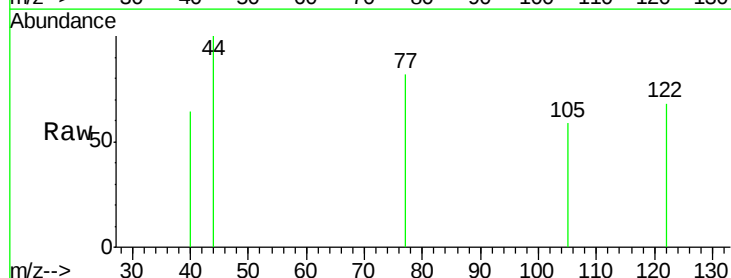
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

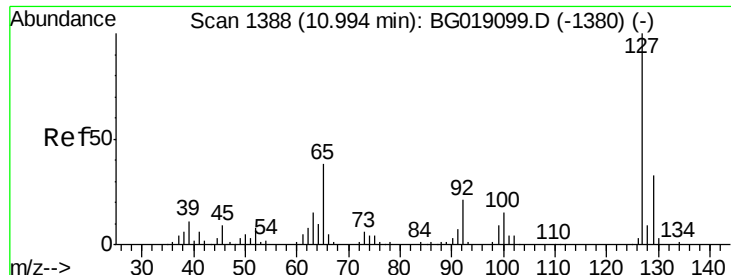
Tot Ion:128 Resp: 15000
Ion Ratio Lower Upper
128 100
129 10.1 8.6 12.8
127 11.6 11.4 17.0



#32
Benzoic acid
Concen: 8.17 ng
RT: 10.13 min Scan# 1240
Delta R.T. -0.05 min
Lab File: BG019170.D
Acq: 12 Oct 2015 23:00

Tgt Ion:122 Resp: 311
Ion Ratio Lower Upper
122 100
105 86.7 107.0 147.0#
77 120.2 73.4 113.4#

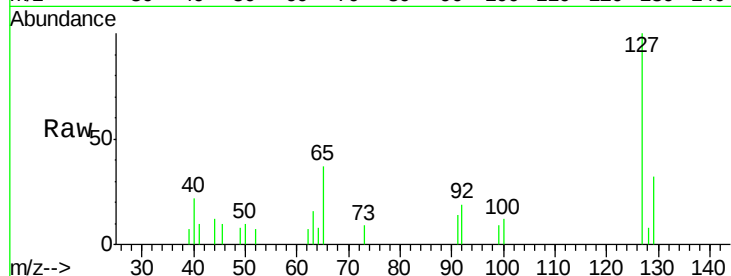




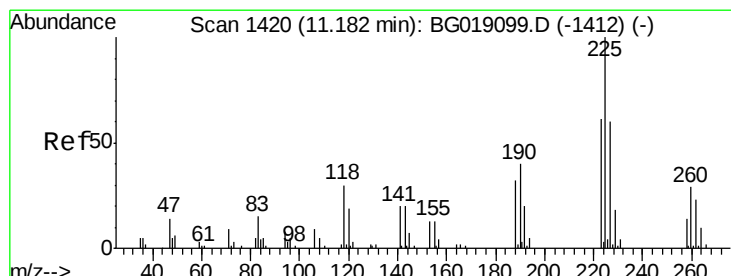
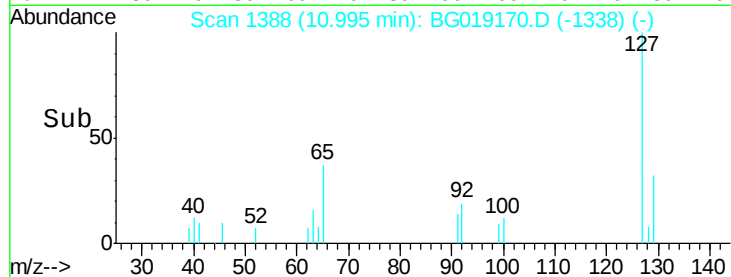
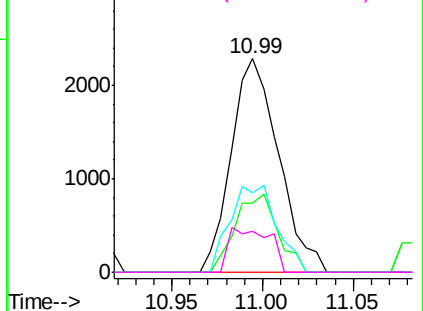
#33
4-Chloroaniline
Concen: 2.36 ng
RT: 10.99 min Scan# 1388
Delta R.T. -0.00 min
Lab File: BG019170.D
Acq: 12 Oct 2015 23:00

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tot Ion:127	Resp:	4155
Ion	Ratio	Lower Upper
127	100	
129	32.2	26.2 39.2
65	37.0	30.4 45.6
92	19.3	16.9 25.3

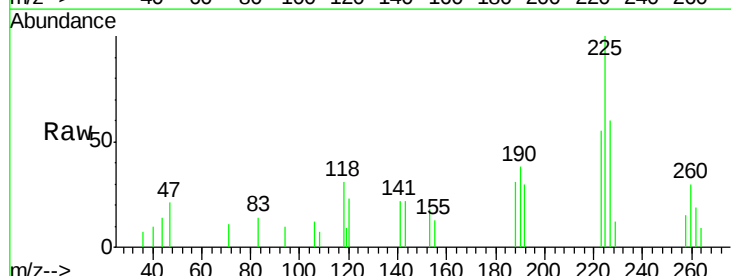


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

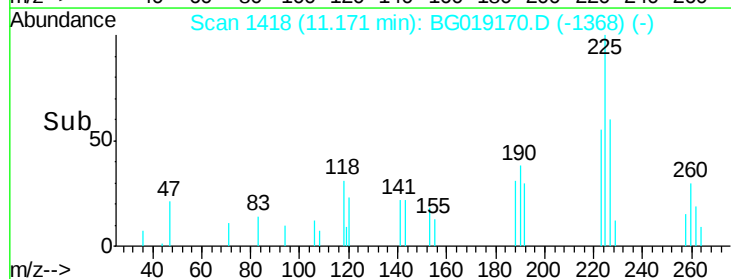
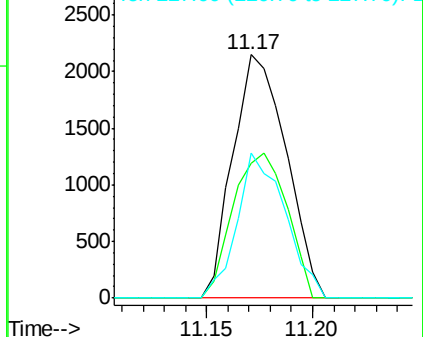


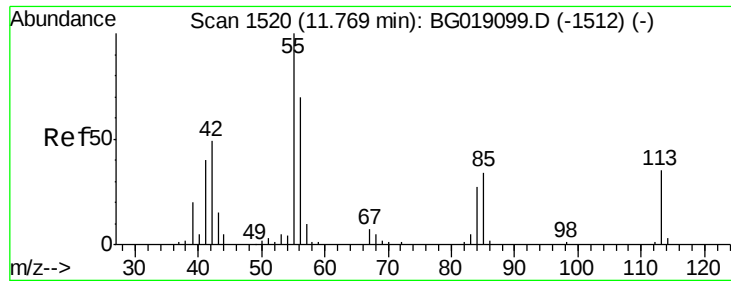
#34
Hexachlorobutadiene
Concen: 4.34 ng
RT: 11.17 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BG019170.D
Acq: 12 Oct 2015 23:00

Tgt Ion:225	Resp:	3766
Ion	Ratio	Lower Upper
225	100	
223	55.3	48.6 72.8
227	59.6	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: 2.93 ng

RT: 11.75 min Scan# 1516

Delta R.T. -0.05 min

Lab File: BG019170.D

Acq: 12 Oct 2015 23:00

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

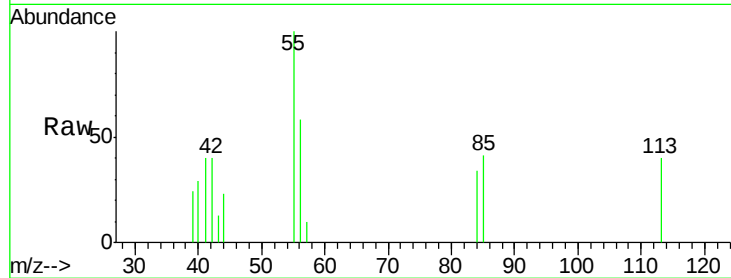
Tot Ion:113 Resp: 1271

Ion Ratio Lower Upper

113 100

55 247.0 263.4 303.4#

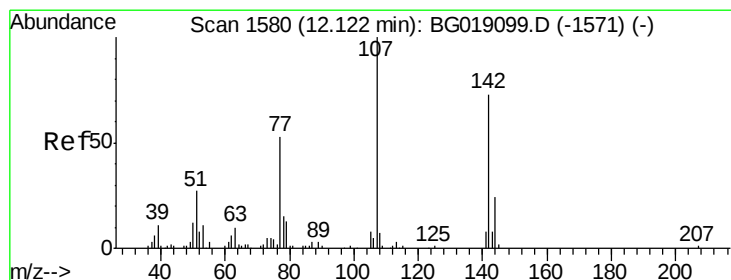
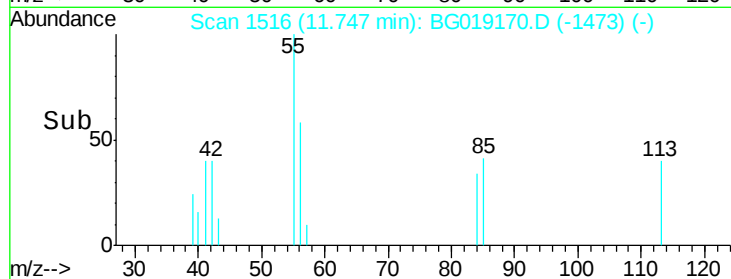
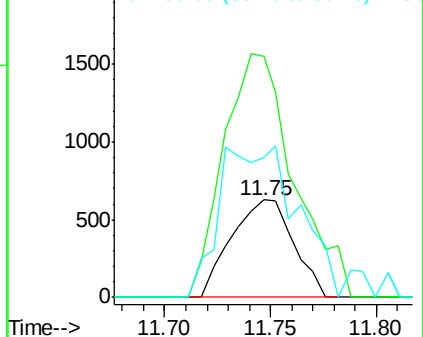
56 144.2 179.0 219.0#



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: 3.71 ng

RT: 12.12 min Scan# 1579

Delta R.T. -0.01 min

Lab File: BG019170.D

Acq: 12 Oct 2015 23:00

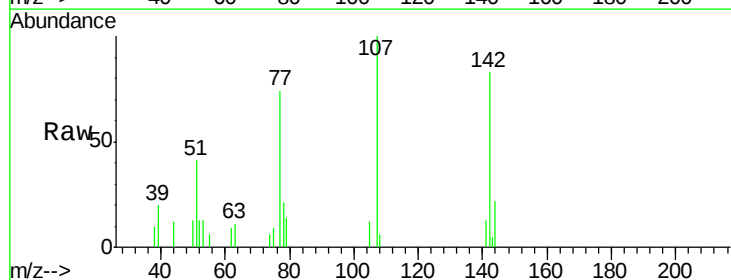
Tgt Ion:107 Resp: 5559

Ion Ratio Lower Upper

107 100

144 22.5 19.0 28.6

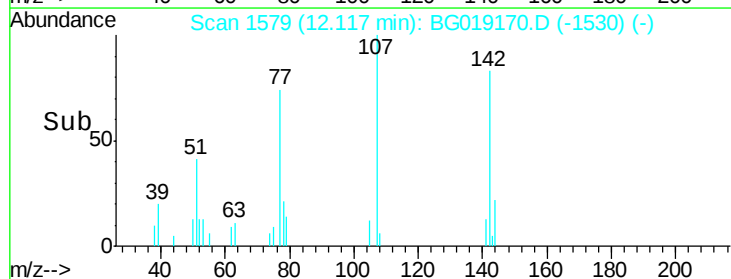
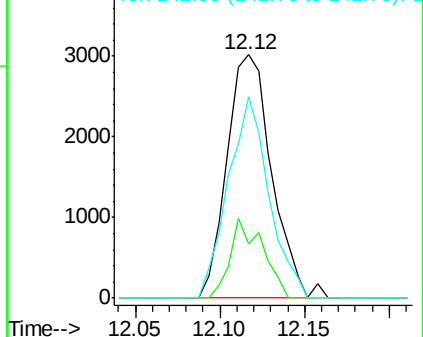
142 82.6 58.5 87.7

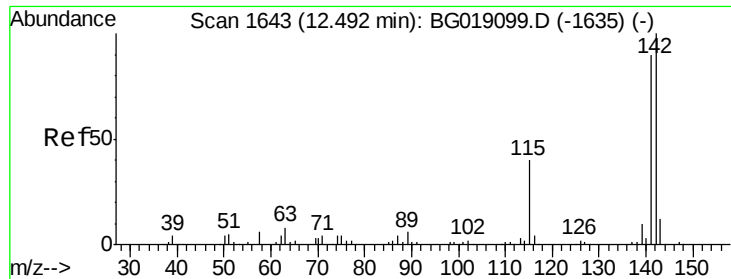


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

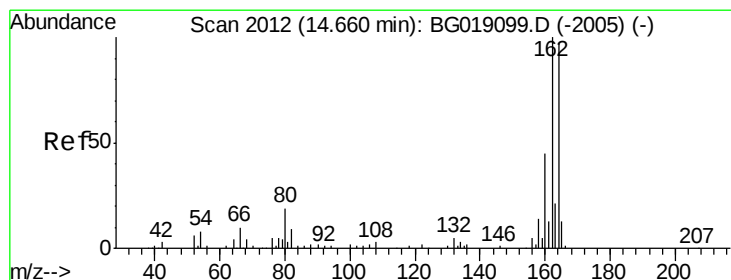
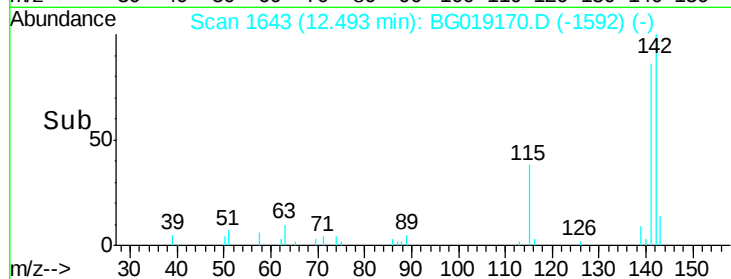
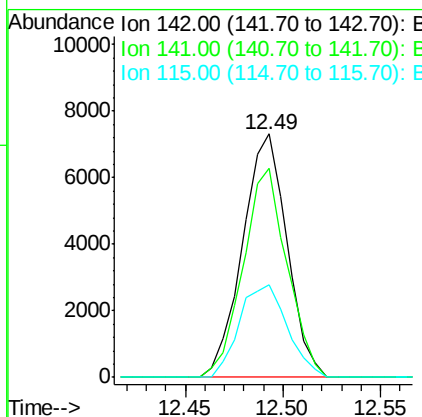
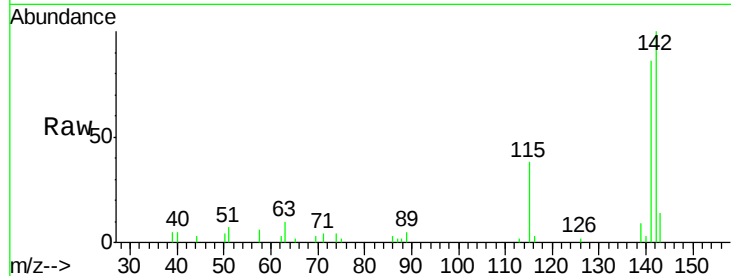




#37
2-Methylnaphthalene
Concen: 3.91 ng
RT: 12.49 min Scan# 1643
Delta R.T. 0.00 min
Lab File: BG019170.D
Acq: 12 Oct 2015 23:00

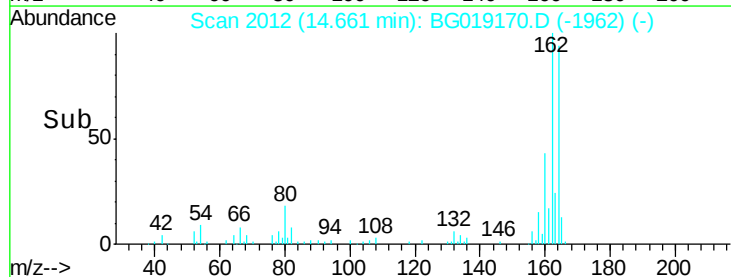
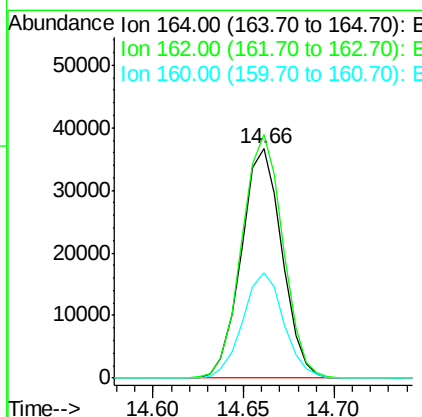
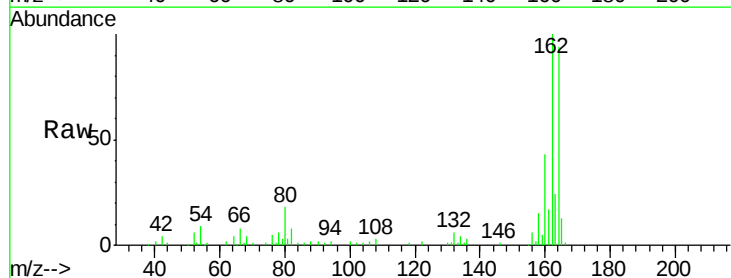
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

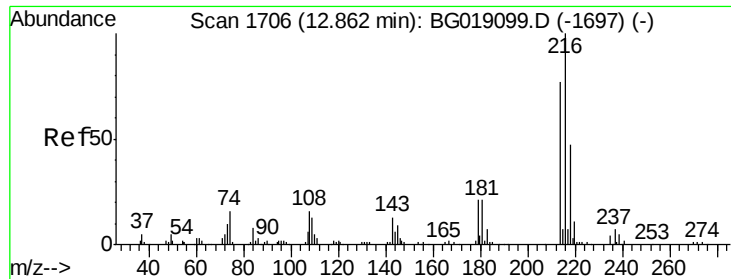
Tot Ion:142 Resp: 11497
Ion Ratio Lower Upper
142 100
141 85.9 72.1 108.1
115 38.1 31.8 47.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.66 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BG019170.D
Acq: 12 Oct 2015 23:00

Tgt Ion:164 Resp: 57154
Ion Ratio Lower Upper
164 100
162 106.2 82.6 124.0
160 45.9 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 3.84 ng

RT: 12.86 min Scan# 1705

Delta R.T. -0.00 min

Lab File: BG019170.D

Acq: 12 Oct 2015 23:00

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

Tot Ion:216 Resp: 6310

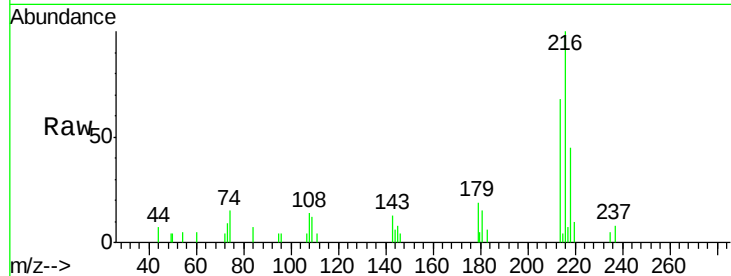
Ion Ratio Lower Upper

216 100

214 77.6 64.0 96.0

179 19.4 16.9 25.3

108 16.9 14.7 22.1

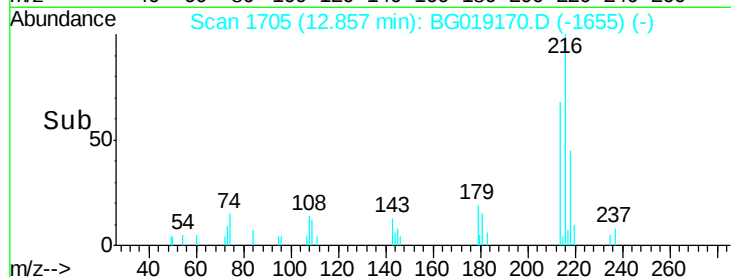


Abundance Ion 216.00 (215.70 to 216.70): E

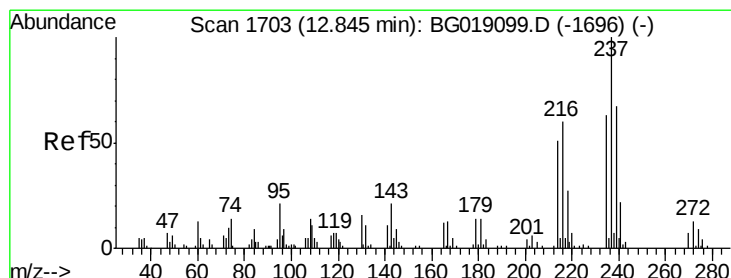
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 2.51 ng

RT: 12.84 min Scan# 1702

Delta R.T. -0.01 min

Lab File: BG019170.D

Acq: 12 Oct 2015 23:00

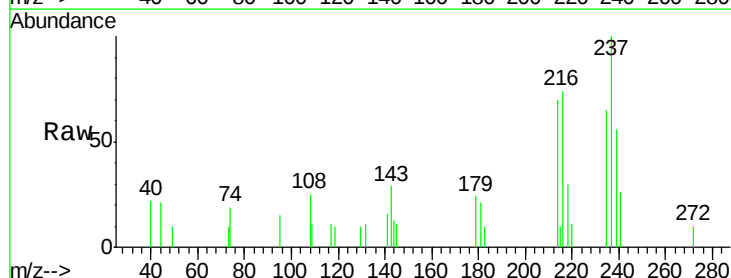
Tgt Ion:237 Resp: 2148

Ion Ratio Lower Upper

237 100

235 64.8 43.2 83.2

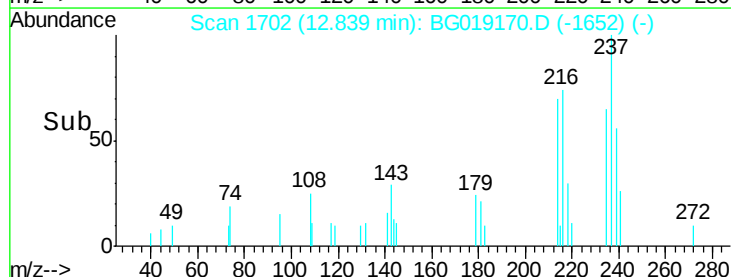
272 10.5 0.0 33.2



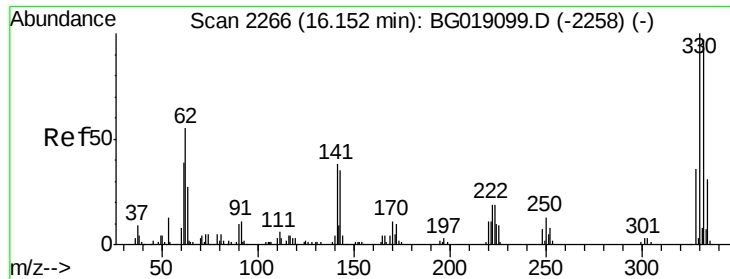
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



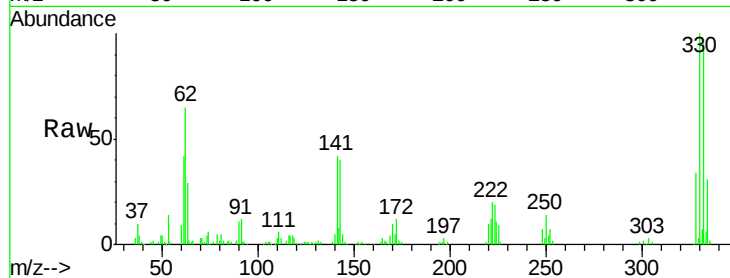
Time-->



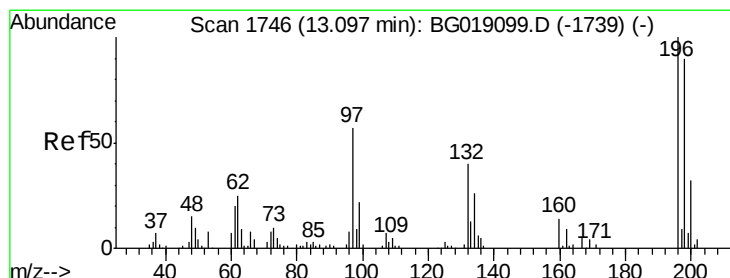
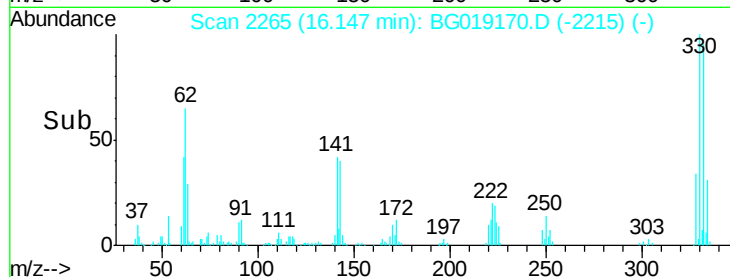
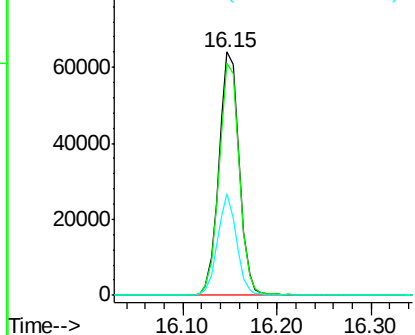
#41
 2,4,6-Tribromophenol
 Concen: 124.21 ng
 RT: 16.15 min Scan# 2265
 Delta R.T. -0.00 min
 Lab File: BG019170.D
 Acq: 12 Oct 2015 23:00

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

Tot Ion:330 Resp: 96738
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.3 115.9
 141 39.2 30.7 46.1

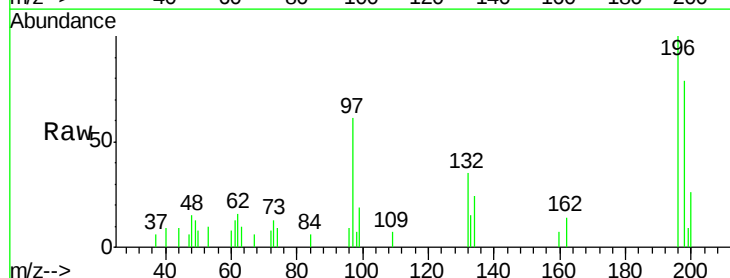


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

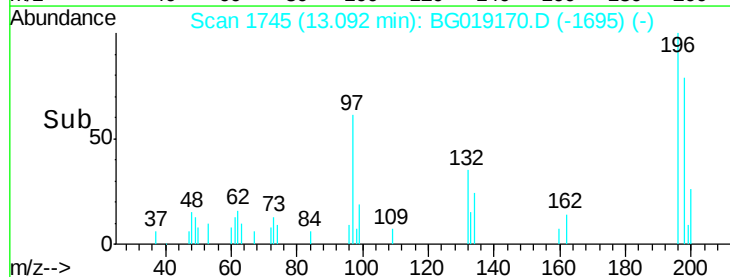
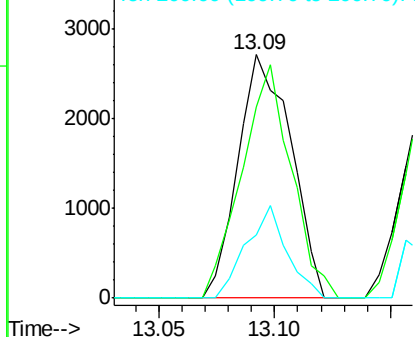


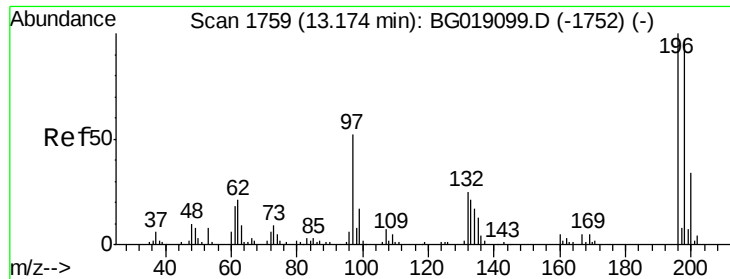
#42
 2,4,6-Trichlorophenol
 Concen: 3.78 ng
 RT: 13.09 min Scan# 1745
 Delta R.T. -0.00 min
 Lab File: BG019170.D
 Acq: 12 Oct 2015 23:00

Tgt Ion:196 Resp: 4320
 Ion Ratio Lower Upper
 196 100
 198 78.8 72.0 108.0
 200 25.8 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

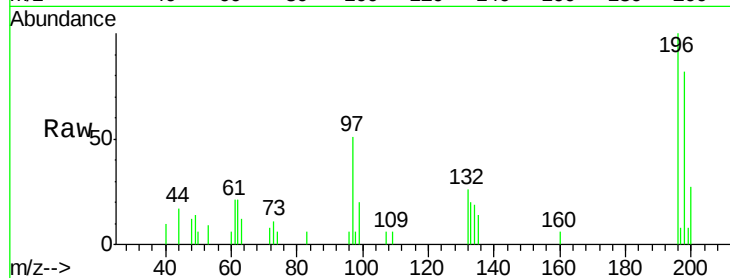




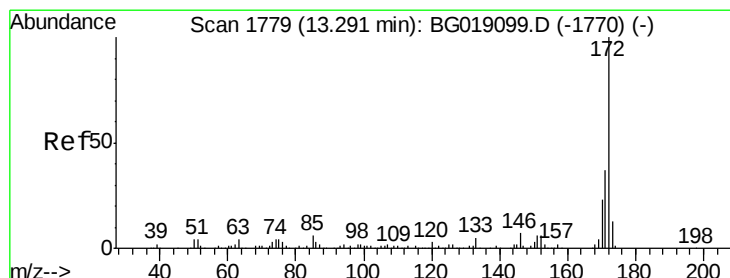
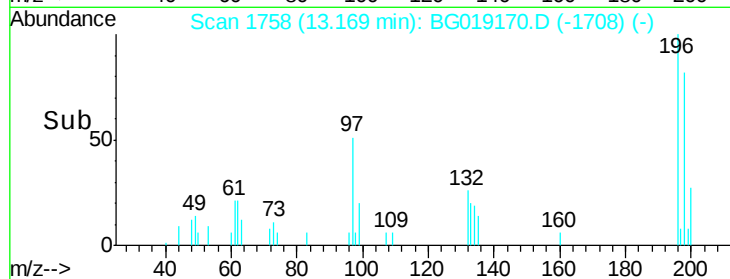
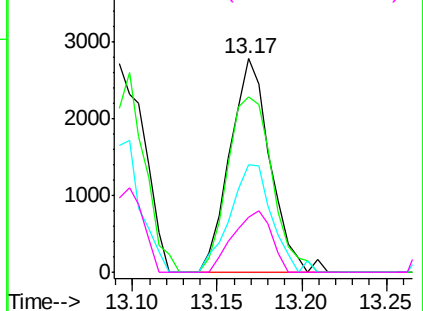
#43
 2,4,5-Trichlorophenol
 Concen: 3.79 ng
 RT: 13.17 min Scan# 1758
 Delta R.T. -0.01 min
 Lab File: BG019170.D
 Acq: 12 Oct 2015 23:00

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

Tot Ion:196 Resp: 4608
 Ion Ratio Lower Upper
 196 100
 198 82.1 77.7 116.5
 97 50.6 41.4 62.2
 132 25.9 20.6 30.8

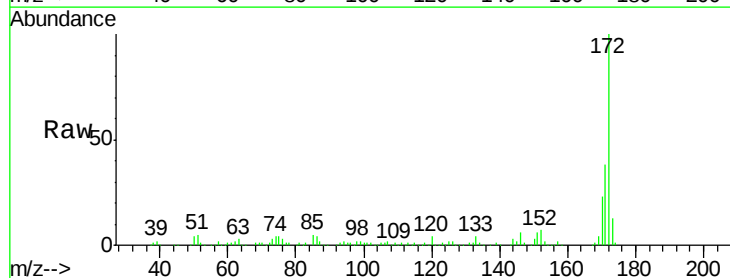


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

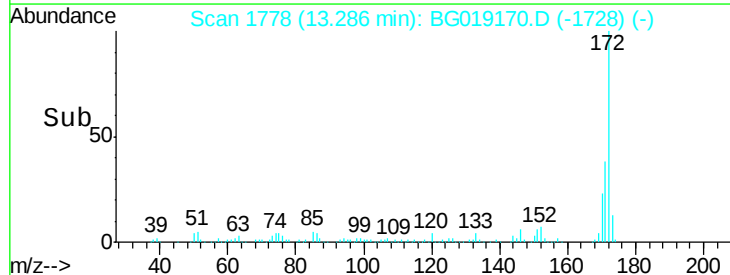
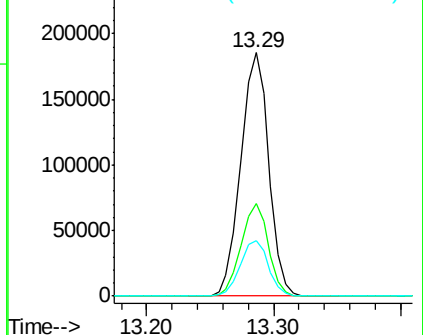


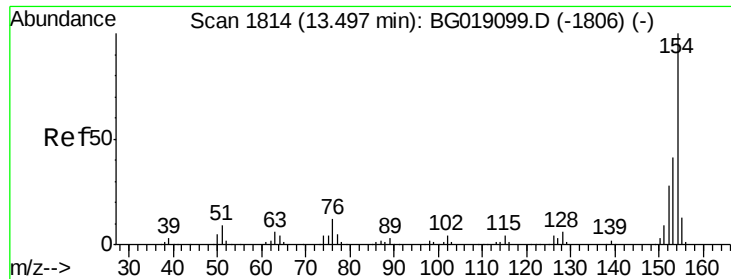
#44
 2-Fluorobiphenyl
 Concen: 76.11 ng
 RT: 13.29 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: BG019170.D
 Acq: 12 Oct 2015 23:00

Tgt Ion:172 Resp: 282893
 Ion Ratio Lower Upper
 172 100
 171 38.0 29.9 44.9
 170 22.5 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

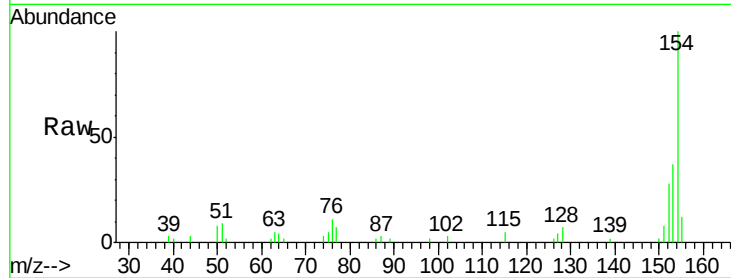




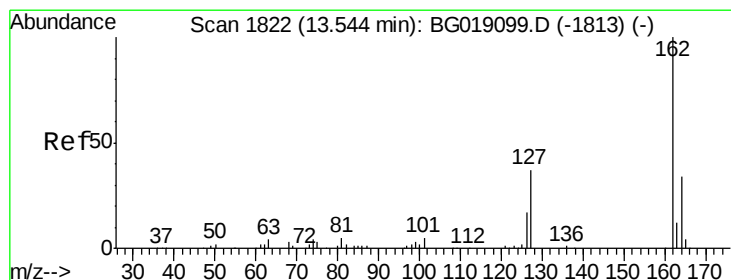
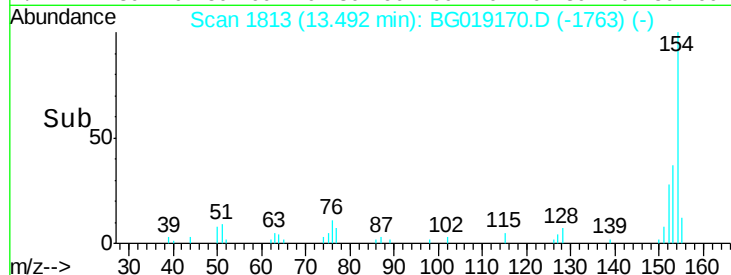
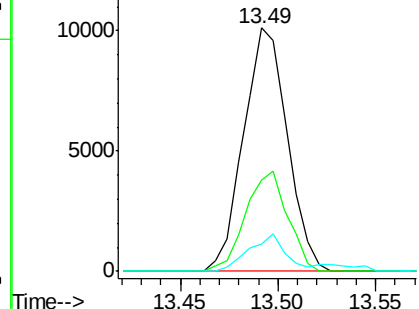
#45
 1,1'-Biphenyl
 Concen: 3.78 ng
 RT: 13.49 min Scan# 1813
 Delta R.T. -0.01 min
 Lab File: BG019170.D
 Acq: 12 Oct 2015 23:00

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

Tot Ion	Ratio	Lower	Upper
154	100		
153	37.4	20.6	60.6
76	11.1	0.0	32.2

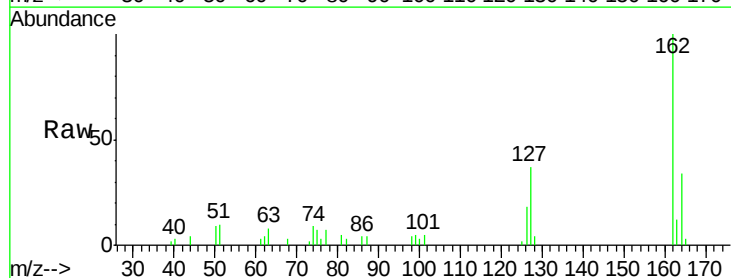


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

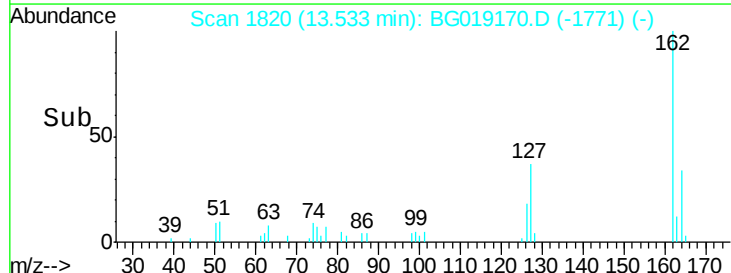
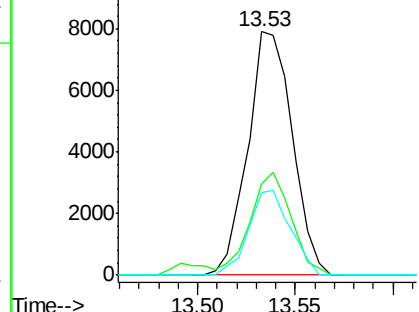


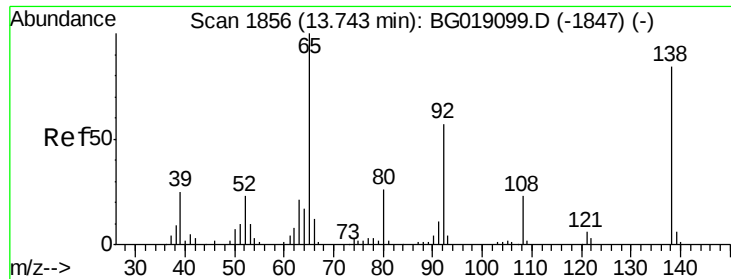
#46
 2-Chloronaphthalene
 Concen: 3.90 ng
 RT: 13.53 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BG019170.D
 Acq: 12 Oct 2015 23:00

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.4	32.2	48.4
164	33.9	27.3	40.9



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





#47

2-Nitroaniline

Concen: 3.61 ng

RT: 13.74 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BG019170.D

Acq: 12 Oct 2015 23:00

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

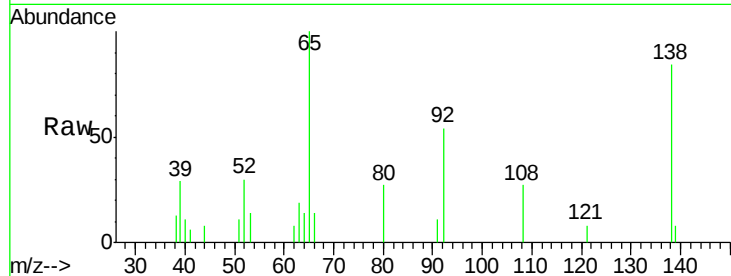
Tot Ion: 65 Resp: 4631

Ion Ratio Lower Upper

65 100

92 54.0 45.8 68.8

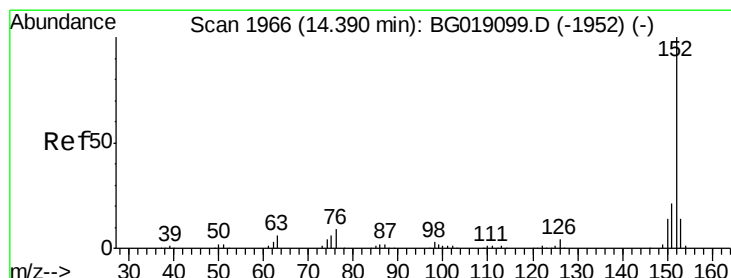
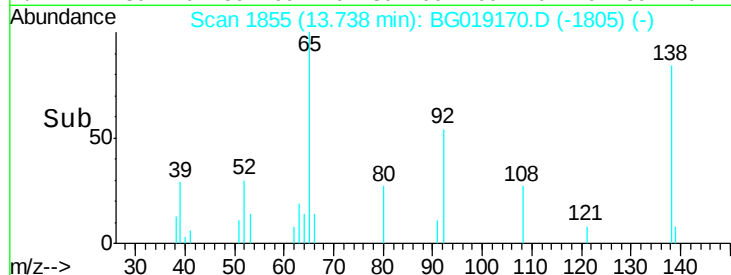
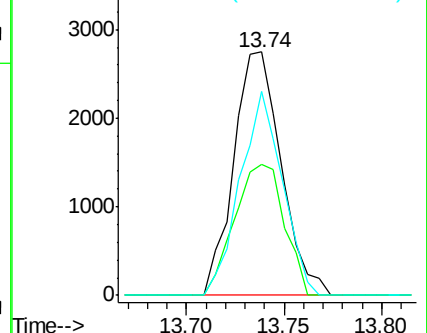
138 83.9 66.9 100.3



Abundance Ion 65.00 (64.70 to 65.70): BG019170.D (-1805) (-)

Ion 92.00 (91.70 to 92.70): BG019170.D (-1805) (-)

Ion 138.00 (137.70 to 138.70): BG019170.D (-1805) (-)



#48

Acenaphthylene

Concen: 3.55 ng

RT: 14.38 min Scan# 1964

Delta R.T. -0.01 min

Lab File: BG019170.D

Acq: 12 Oct 2015 23:00

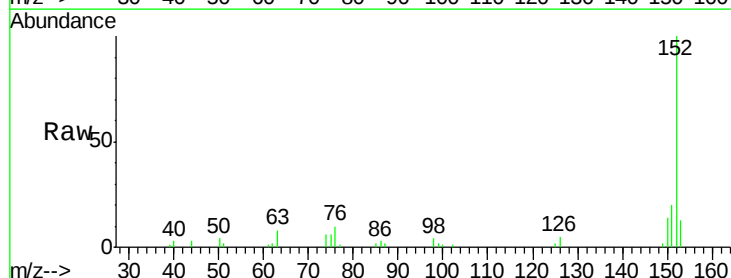
Tgt Ion: 152 Resp: 19999

Ion Ratio Lower Upper

152 100

151 20.3 16.8 25.2

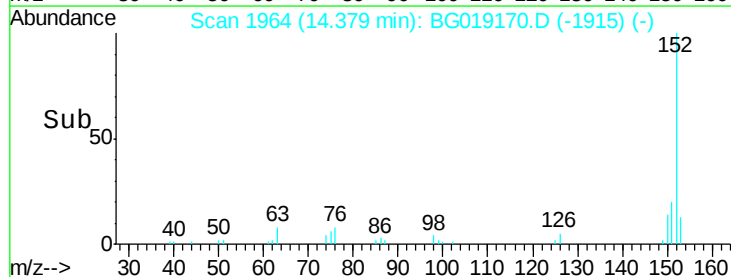
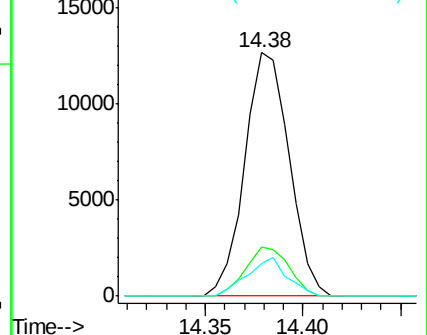
153 13.1 11.0 16.4

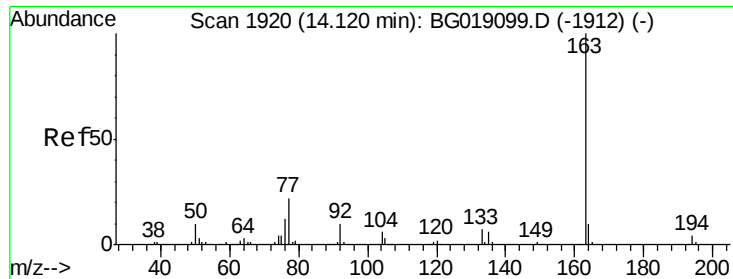


Abundance Ion 152.00 (151.70 to 152.70): BG019170.D (-1915) (-)

Ion 151.00 (150.70 to 151.70): BG019170.D (-1915) (-)

Ion 153.00 (152.70 to 153.70): BG019170.D (-1915) (-)





#49

Dimethylphthalate

Concen: 3.59 ng

RT: 14.11 min Scan# 1918

Delta R.T. -0.01 min

Lab File: BG019170.D

Acq: 12 Oct 2015 23:00

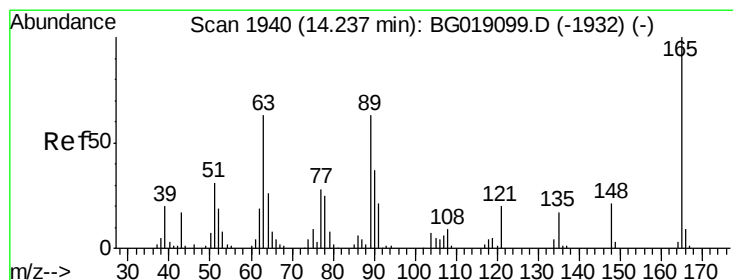
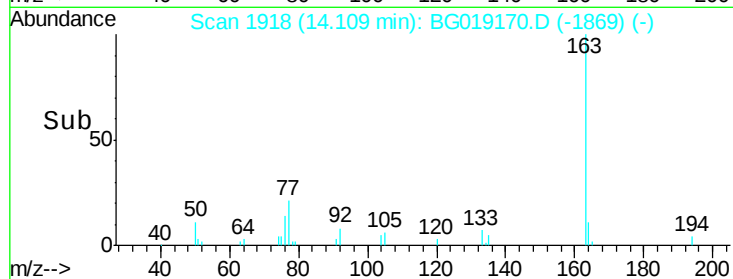
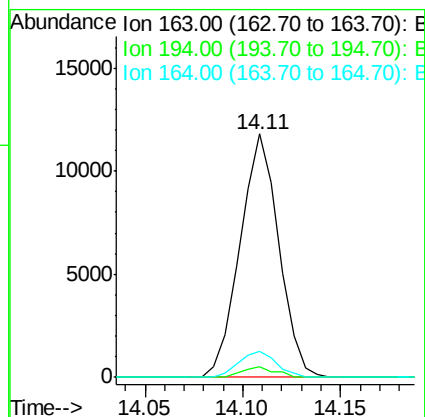
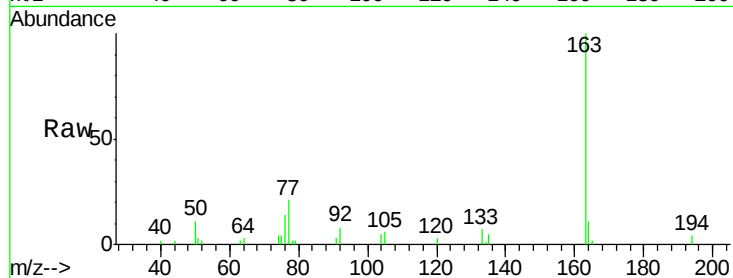
Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

Tot Ion:163	Resp:	16216
Ion Ratio	Lower	Upper
163	100	
194	4.4	3.2 4.8
164	10.9	8.1 12.1



#50

2,6-Dinitrotoluene

Concen: 3.43 ng

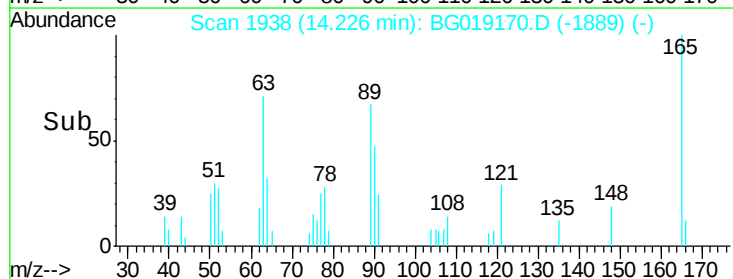
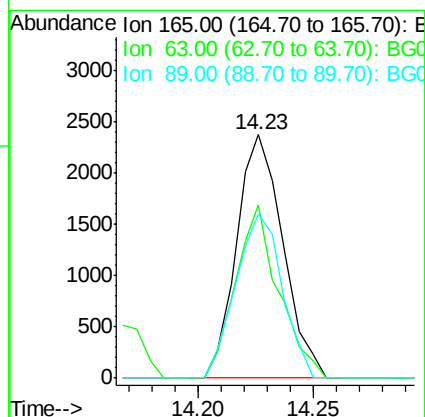
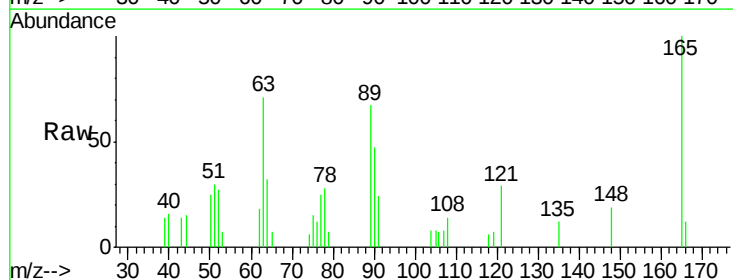
RT: 14.23 min Scan# 1938

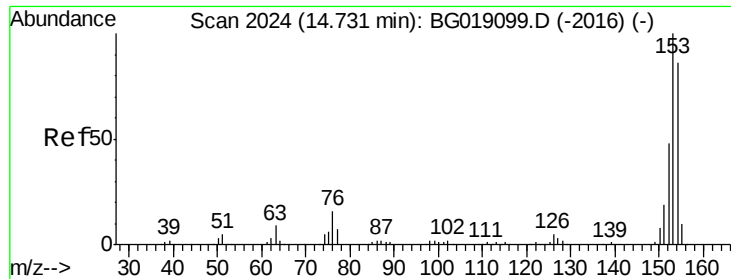
Delta R.T. -0.01 min

Lab File: BG019170.D

Acq: 12 Oct 2015 23:00

Tgt Ion:165	Resp:	3312
Ion Ratio	Lower	Upper
165	100	
63	71.0	52.6 78.8
89	67.5	50.6 76.0





#51

Acenaphthene

Concen: 3.47 ng

RT: 14.72 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BG019170.D

Acq: 12 Oct 2015 23:00

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

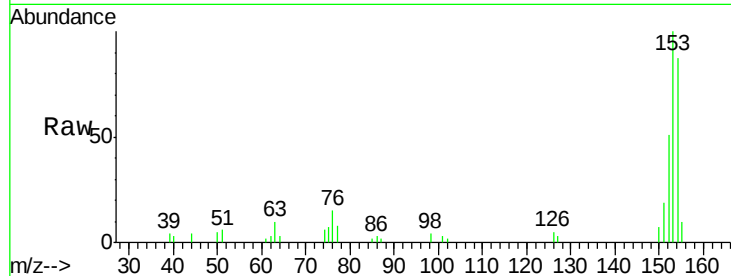
Tot Ion:154 Resp: 11746

Ion Ratio Lower Upper

154 100

153 114.7 93.4 140.2

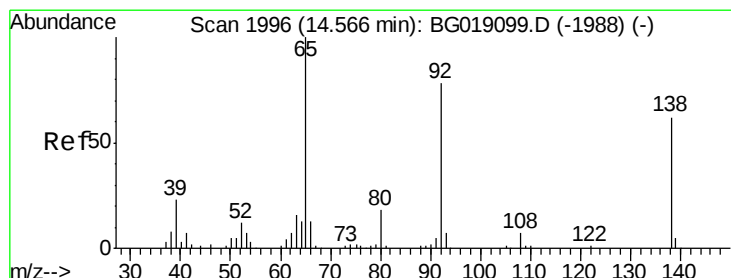
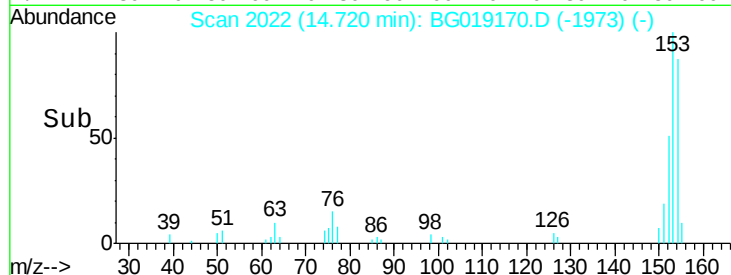
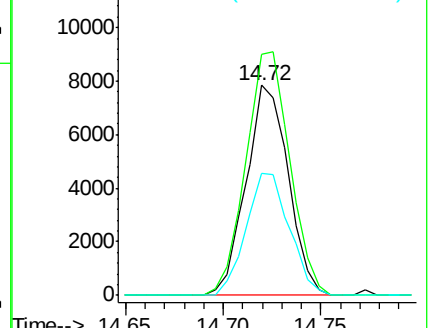
152 58.1 44.9 67.3



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: 3.15 ng

RT: 14.56 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BG019170.D

Acq: 12 Oct 2015 23:00

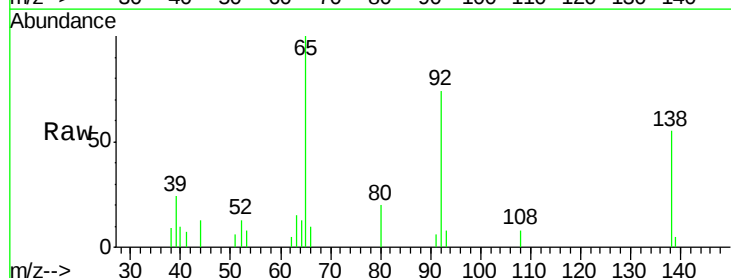
Tgt Ion:138 Resp: 3348

Ion Ratio Lower Upper

138 100

108 14.1 8.6 13.0#

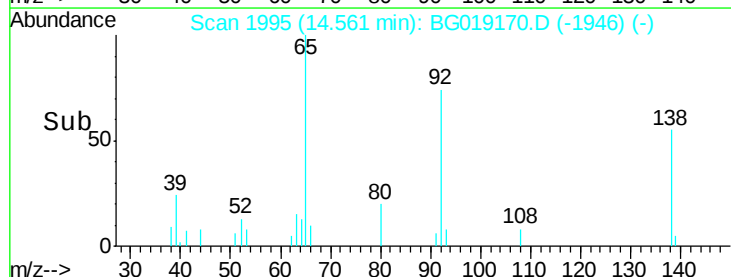
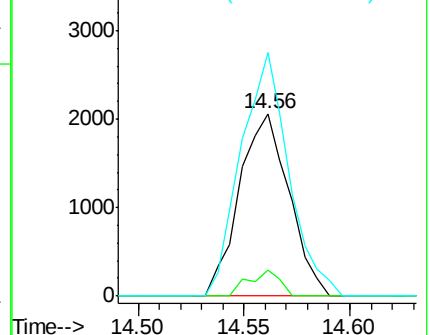
92 133.4 101.4 152.0

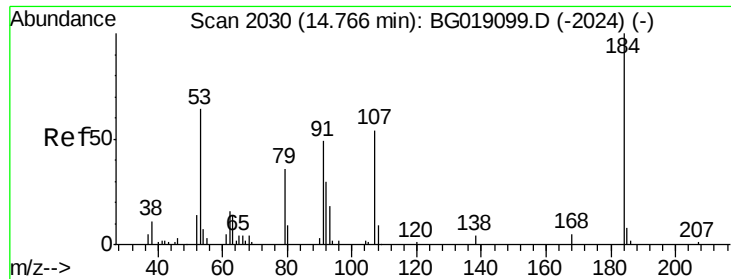


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

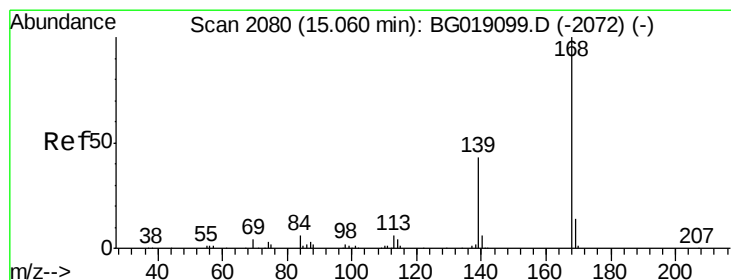
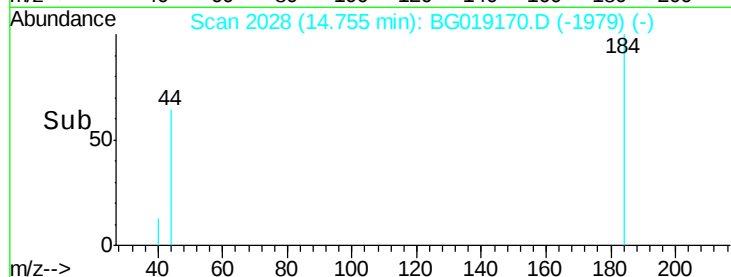
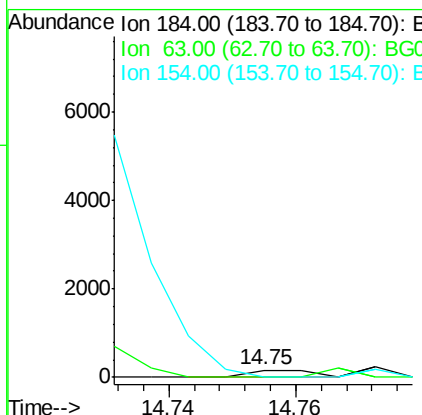
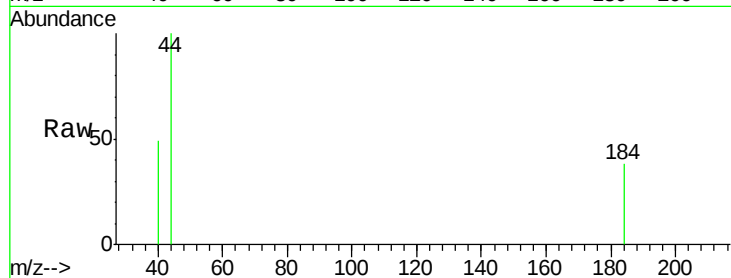




#53
2,4-Dinitrophenol
Concen: 1.56 ng
RT: 14.75 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BG019170.D
Acq: 12 Oct 2015 23:00

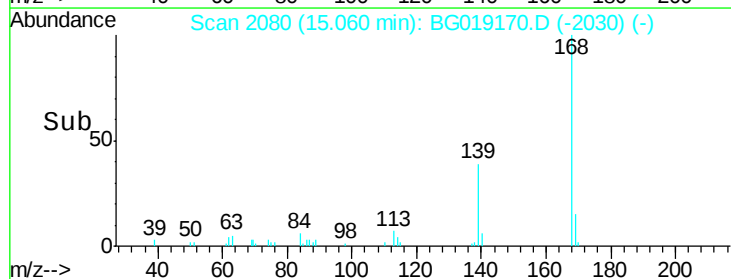
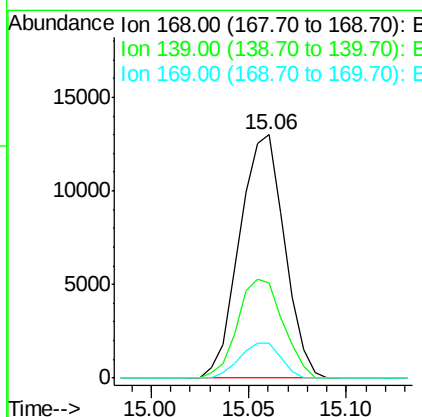
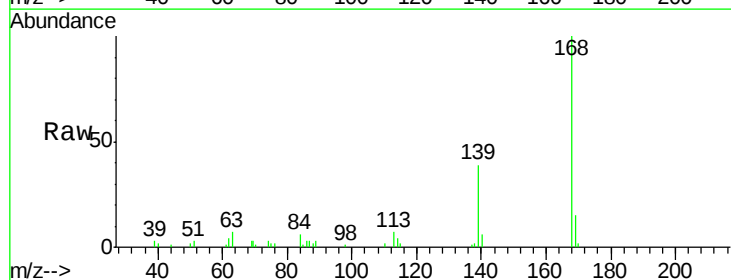
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

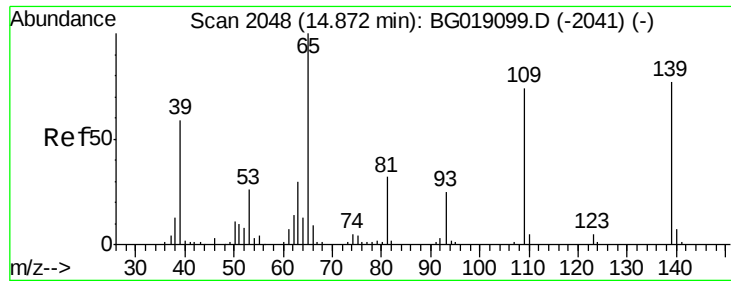
Tot Ion:184 Resp: 111
Ion Ratio Lower Upper
184 100
63 0.0 67.5 101.3#
154 0.0 62.4 93.6#



#54
Dibenzofuran
Concen: 4.13 ng
RT: 15.06 min Scan# 2080
Delta R.T. -0.01 min
Lab File: BG019170.D
Acq: 12 Oct 2015 23:00

Tgt Ion:168 Resp: 20671
Ion Ratio Lower Upper
168 100
139 39.0 34.2 51.4
169 14.5 11.4 17.0

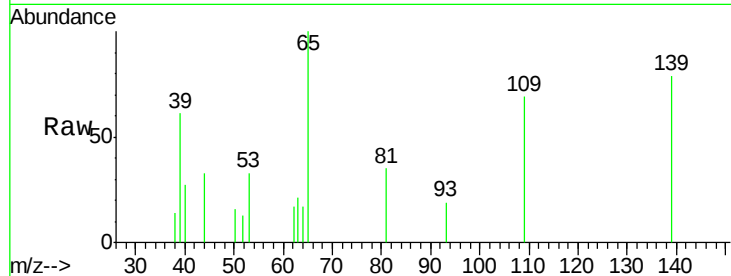




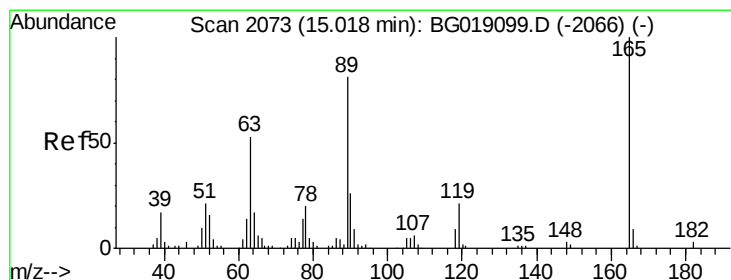
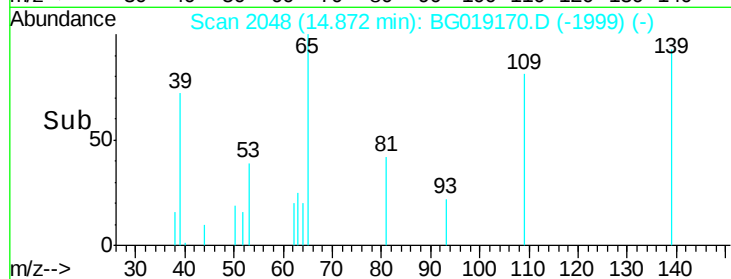
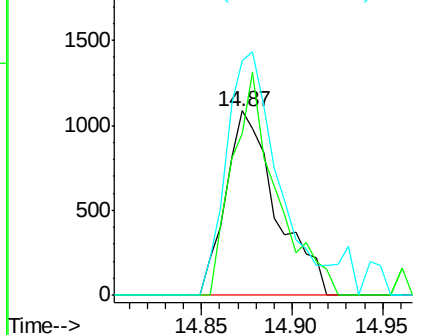
#55
4-Nitrophenol
Concen: 2.62 ng
RT: 14.87 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BG019170.D
Acq: 12 Oct 2015 23:00

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tot Ion:139 Resp: 2108
Ion Ratio Lower Upper
139 100
109 87.3 76.8 116.8
65 127.0 110.0 150.0

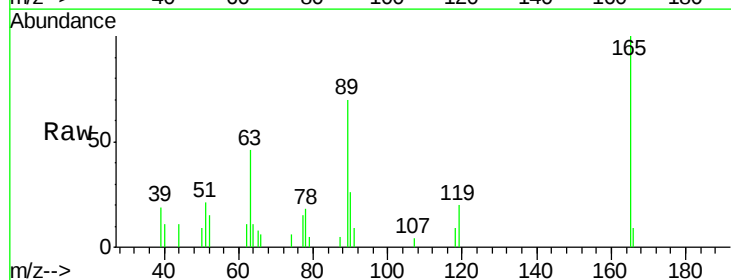


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

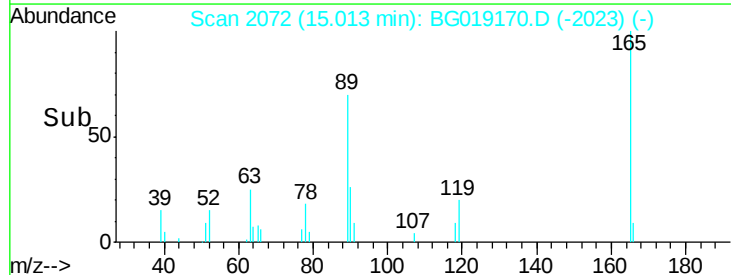
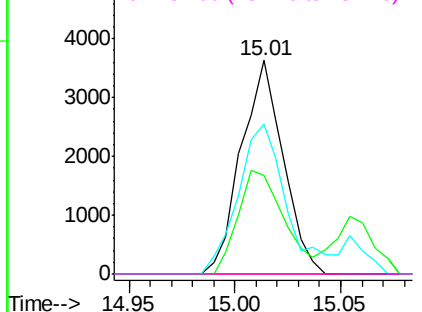


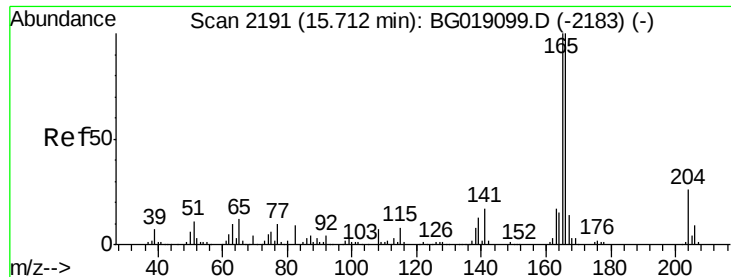
#56
2,4-Dinitrotoluene
Concen: 3.57 ng
RT: 15.01 min Scan# 2072
Delta R.T. -0.01 min
Lab File: BG019170.D
Acq: 12 Oct 2015 23:00

Tgt Ion:165 Resp: 5008
Ion Ratio Lower Upper
165 100
63 46.1 42.2 63.2
89 69.9 64.8 97.2
182 0.0 2.4 3.6#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

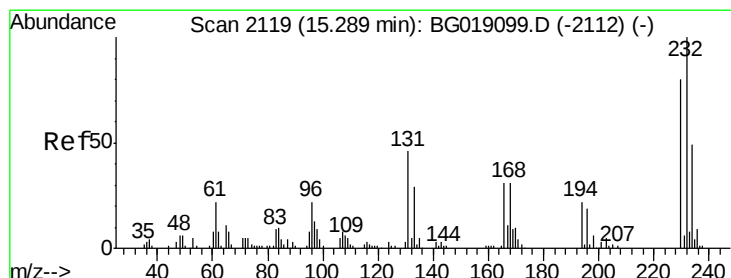
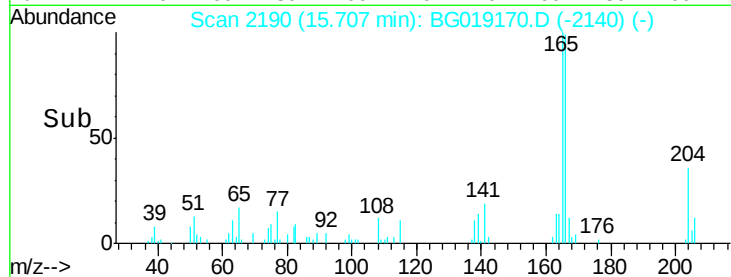
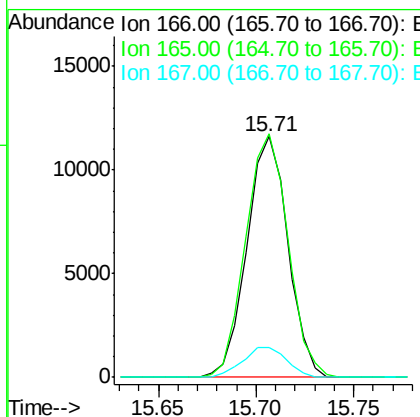
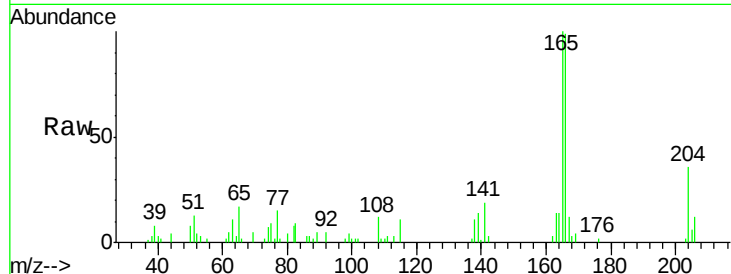




#57
 Fluorene
 Concen: 3.90 ng
 RT: 15.71 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG019170.D
 Acq: 12 Oct 2015 23:00

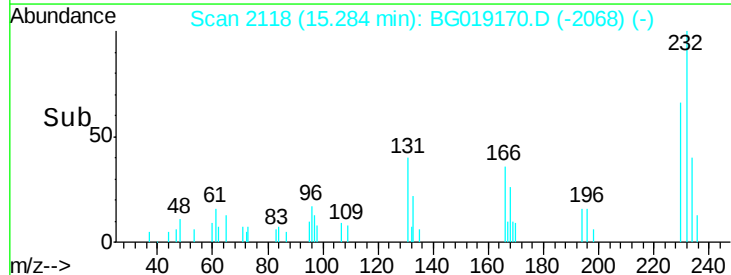
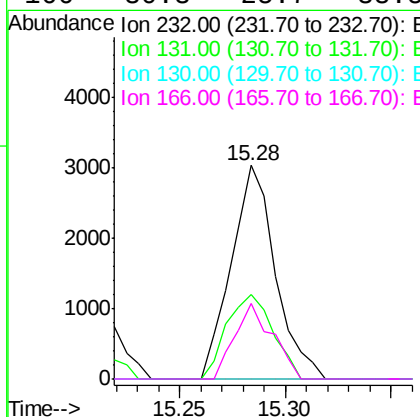
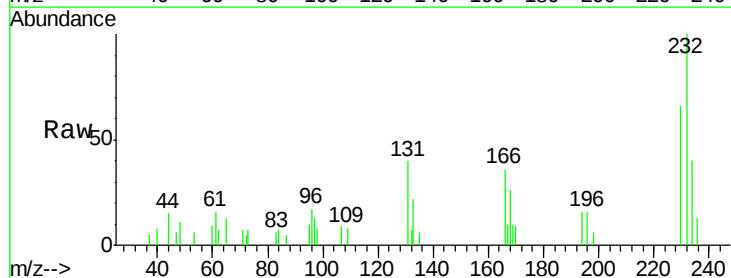
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

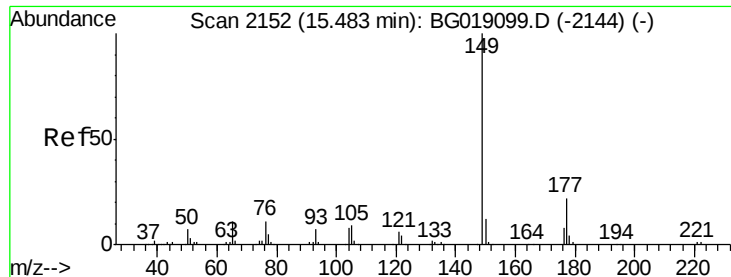
Tot Ion:166 Resp: 16939
 Ion Ratio Lower Upper
 166 100
 165 101.1 80.2 120.2
 167 12.3 11.4 17.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 3.80 ng
 RT: 15.28 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: BG019170.D
 Acq: 12 Oct 2015 23:00

Tgt Ion:232 Resp: 4374
 Ion Ratio Lower Upper
 232 100
 131 41.6 36.5 54.7
 130 0.0 2.3 3.5#
 166 30.3 25.7 38.5

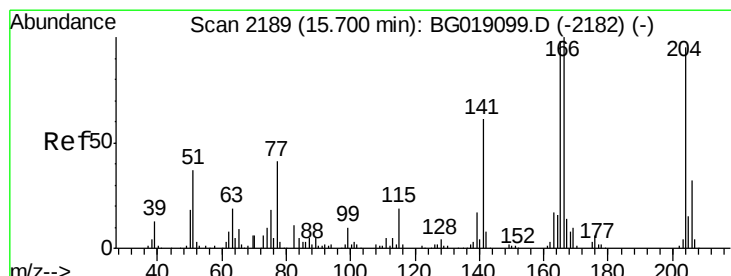
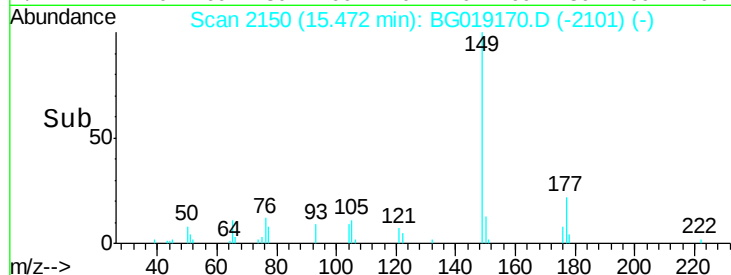
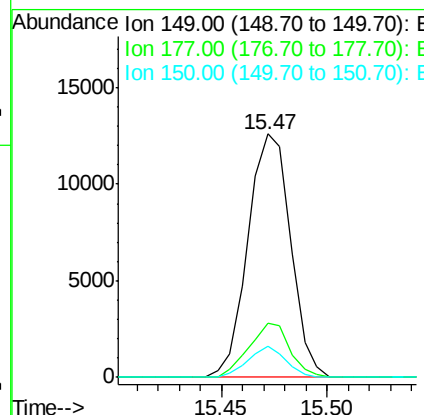
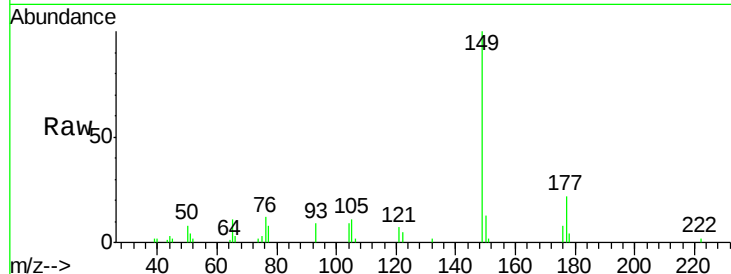




#59
Diethylphthalate
Concen: 3.75 ng
RT: 15.47 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BG019170.D
Acq: 12 Oct 2015 23:00

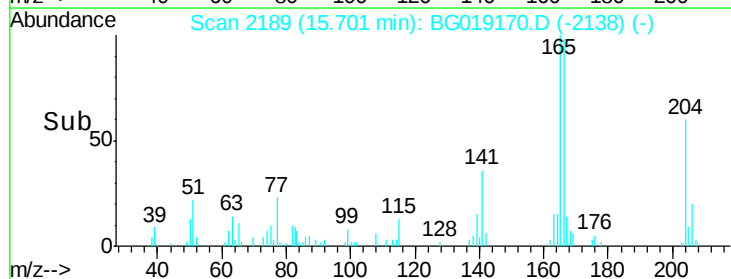
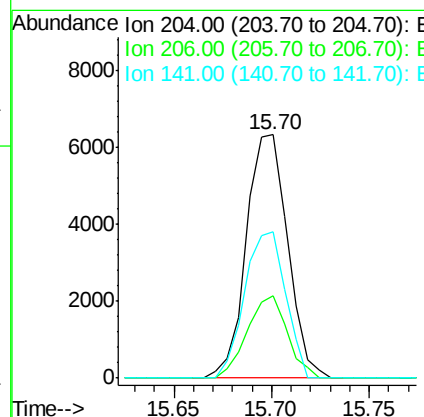
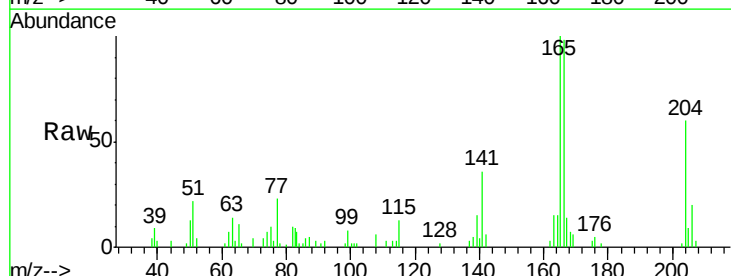
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

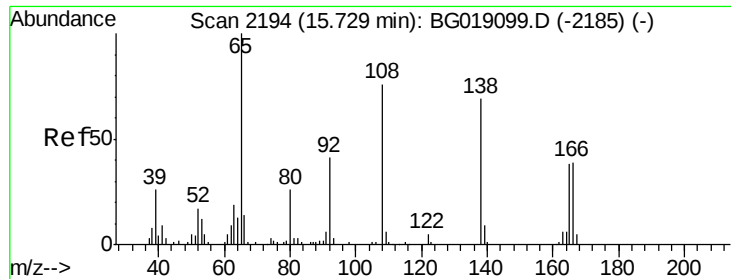
Tot Ion:149 Resp: 17606
Ion Ratio Lower Upper
149 100
177 22.1 17.7 26.5
150 12.6 9.4 14.2



#60
4-Chlorophenyl-phenylether
Concen: 4.20 ng
RT: 15.70 min Scan# 2189
Delta R.T. 0.00 min
Lab File: BG019170.D
Acq: 12 Oct 2015 23:00

Tgt Ion:204 Resp: 9290
Ion Ratio Lower Upper
204 100
206 33.9 27.0 40.4
141 59.9 51.9 77.9

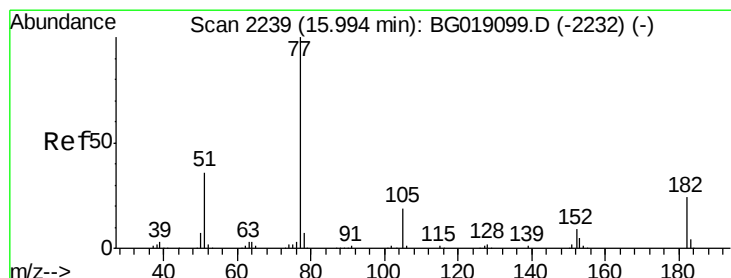
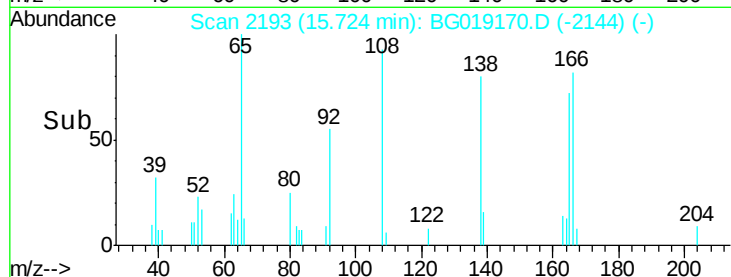
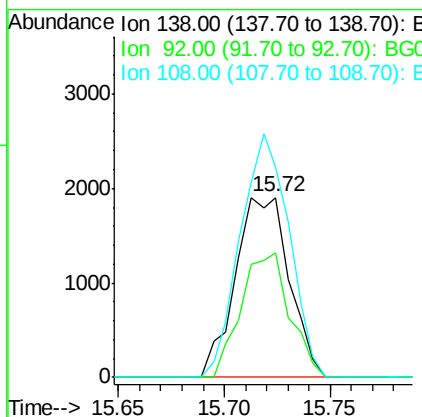
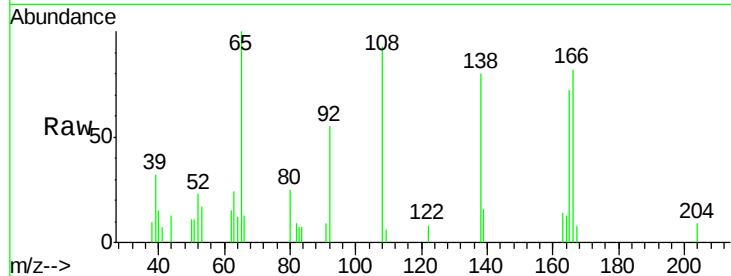




#61
 4-Nitroaniline
 Concen: 2.92 ng
 RT: 15.72 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG019170.D
 Acq: 12 Oct 2015 23:00

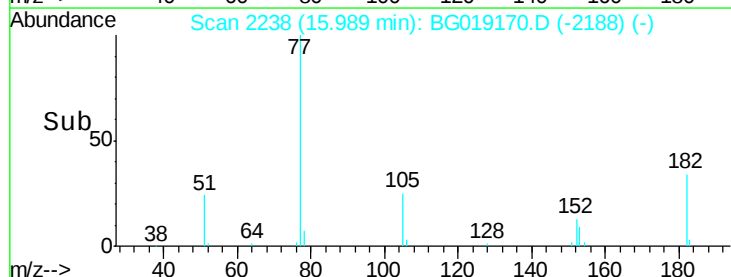
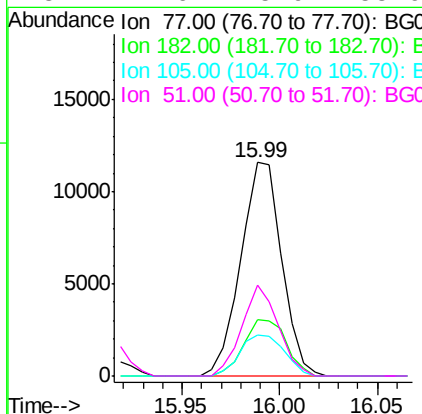
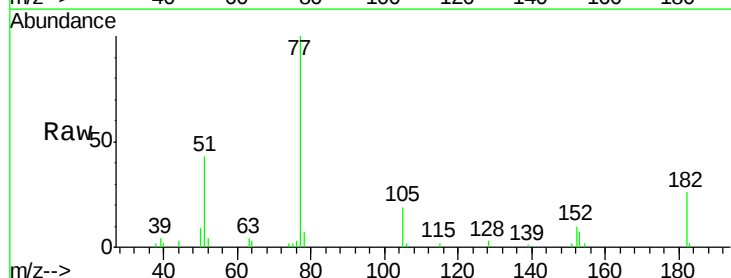
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

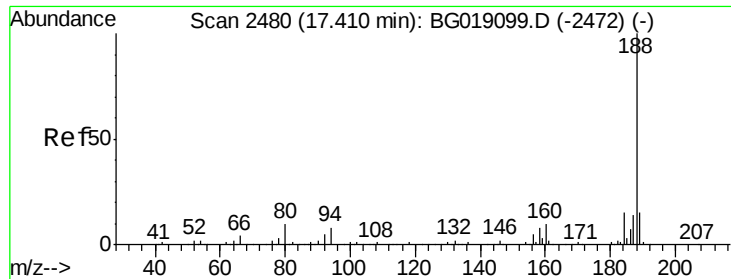
Tot Ion:138 Resp: 3374
 Ion Ratio Lower Upper
 138 100
 92 69.0 39.0 79.0
 108 116.4 90.8 130.8



#62
 Azobenzene
 Concen: 3.87 ng
 RT: 15.99 min Scan# 2238
 Delta R.T. -0.00 min
 Lab File: BG019170.D
 Acq: 12 Oct 2015 23:00

Tgt Ion: 77 Resp: 16828
 Ion Ratio Lower Upper
 77 100
 182 26.1 4.4 44.4
 105 19.4 0.0 39.1
 51 42.6 15.9 55.9

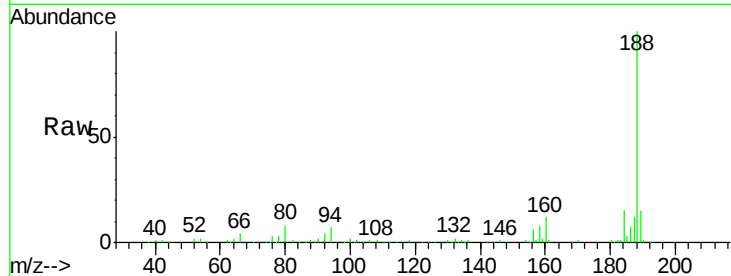




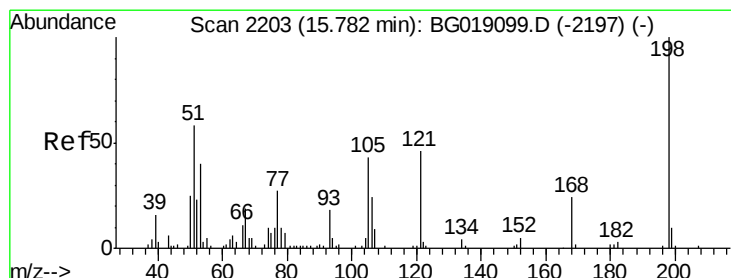
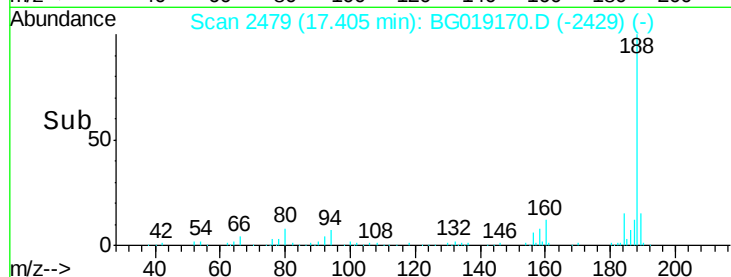
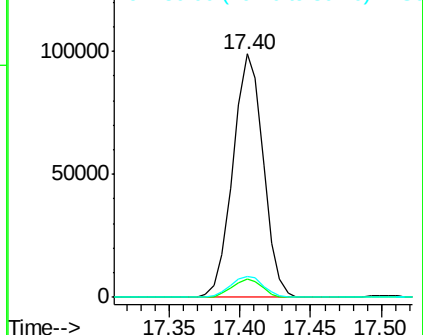
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.40 min Scan# 2479
Delta R.T. -0.01 min
Lab File: BG019170.D
Acq: 12 Oct 2015 23:00

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tot Ion:188 Resp: 147791
Ion Ratio Lower Upper
188 100
94 7.4 6.4 9.6
80 8.4 7.6 11.4

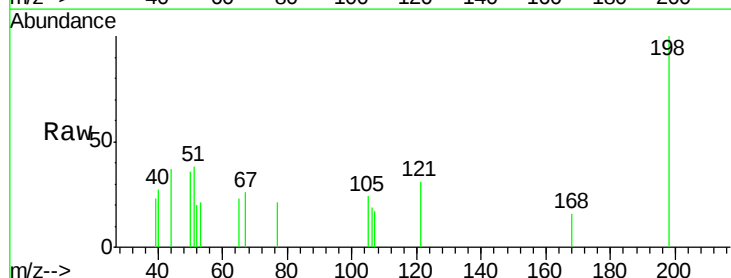


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

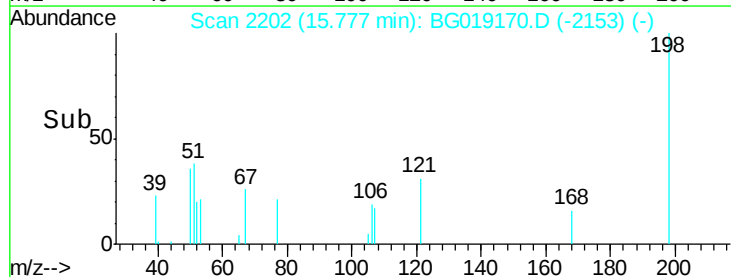
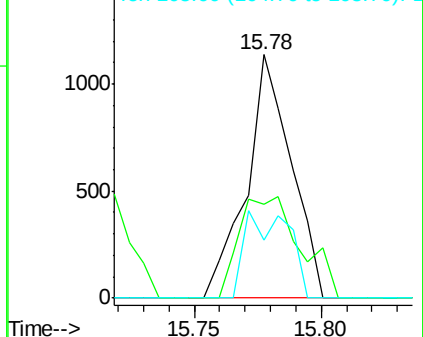


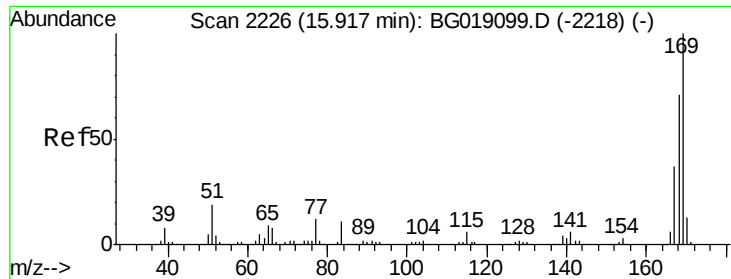
#64
4,6-Dinitro-2-methylphenol
Concen: 1.74 ng
RT: 15.78 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BG019170.D
Acq: 12 Oct 2015 23:00

Tgt Ion:198 Resp: 1404
Ion Ratio Lower Upper
198 100
51 38.5 40.1 80.1#
105 24.1 23.4 63.4



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

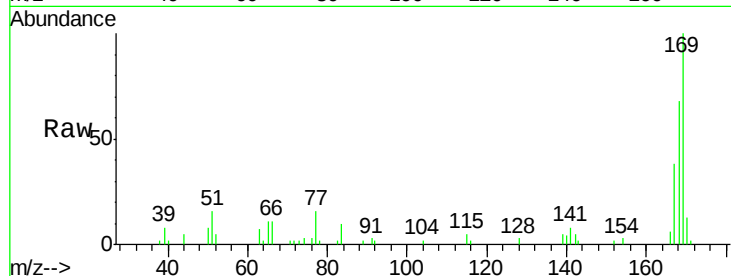




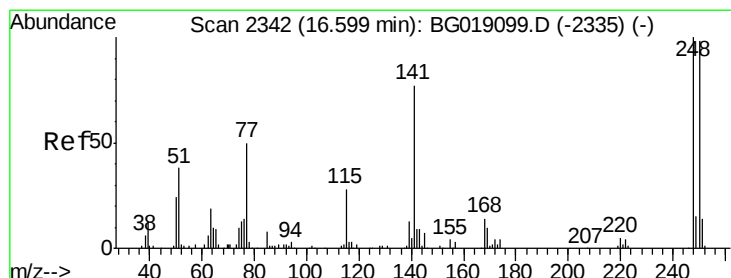
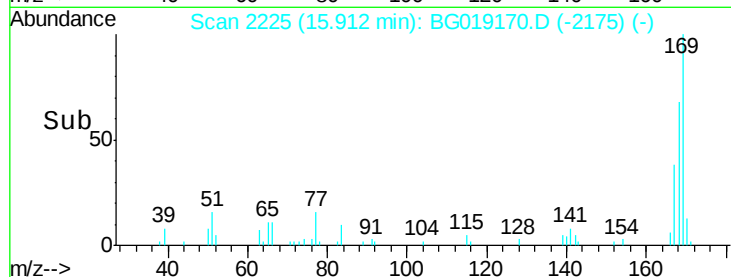
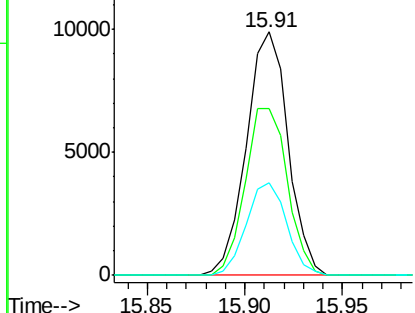
#65
 n-Nitrosodiphenylamine
 Concen: 3.57 ng
 RT: 15.91 min Scan# 2225
 Delta R.T. -0.01 min
 Lab File: BG019170.D
 Acq: 12 Oct 2015 23:00

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

Tot Ion	Ratio	Lower	Upper
169	100		
168	68.3	56.6	84.8
167	38.0	30.0	45.0

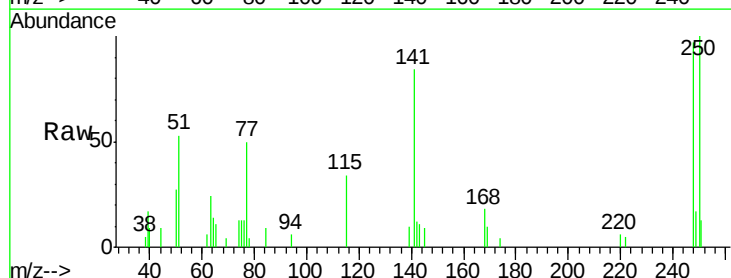


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

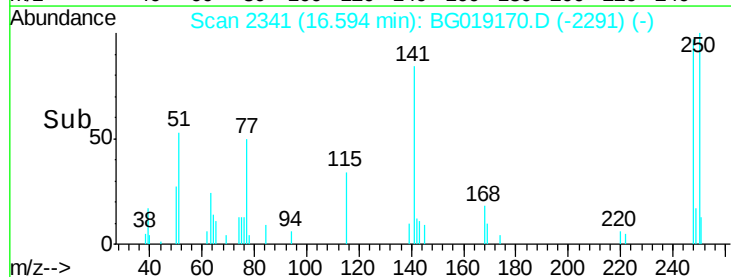
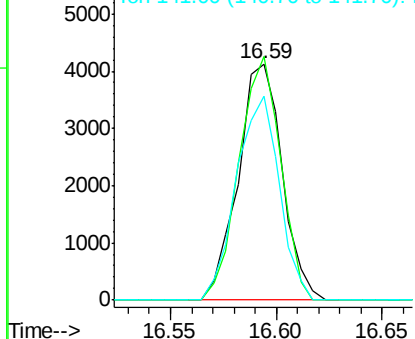


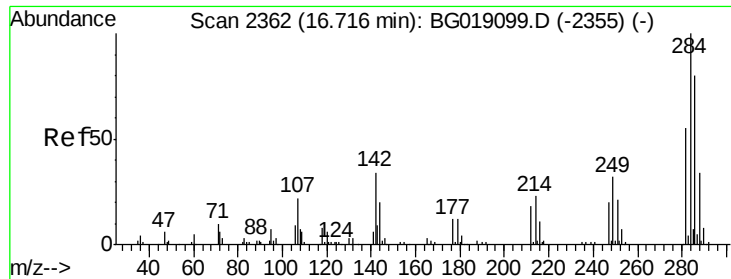
#66
 4-Bromophenyl-phenylether
 Concen: 3.98 ng
 RT: 16.59 min Scan# 2341
 Delta R.T. -0.00 min
 Lab File: BG019170.D
 Acq: 12 Oct 2015 23:00

Tgt Ion	Ratio	Lower	Upper
248	100		
250	103.2	78.4	117.6
141	86.5	61.7	92.5



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





#67

Hexachlorobenzene

Concen: 3.88 ng

RT: 16.72 min Scan# 2362

Delta R.T. 0.00 min

Lab File: BG019170.D

Acq: 12 Oct 2015 23:00

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

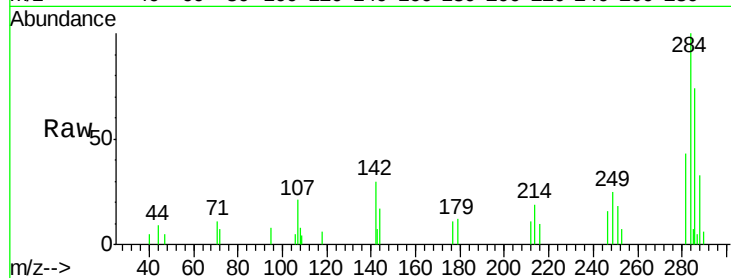
Tot Ion:284 Resp: 6846

Ion Ratio Lower Upper

284 100

142 29.7 27.0 40.4

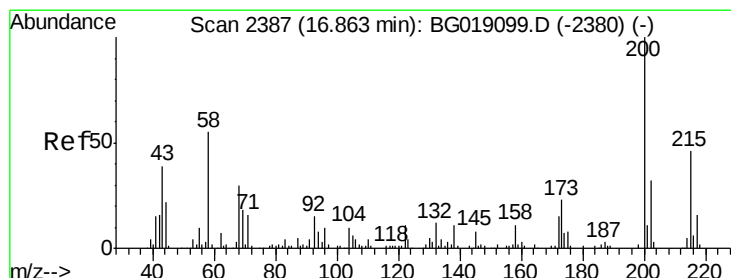
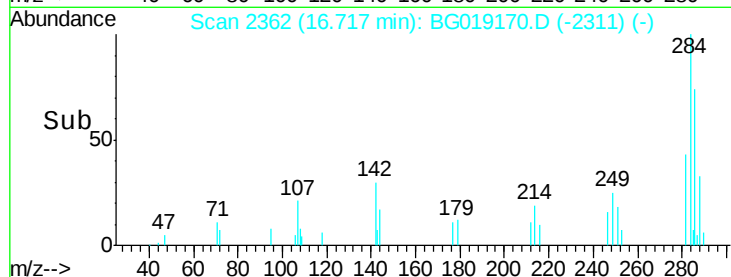
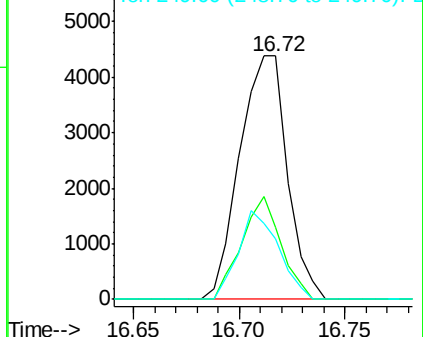
249 25.1 25.4 38.2#



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: 3.72 ng

RT: 16.86 min Scan# 2386

Delta R.T. -0.01 min

Lab File: BG019170.D

Acq: 12 Oct 2015 23:00

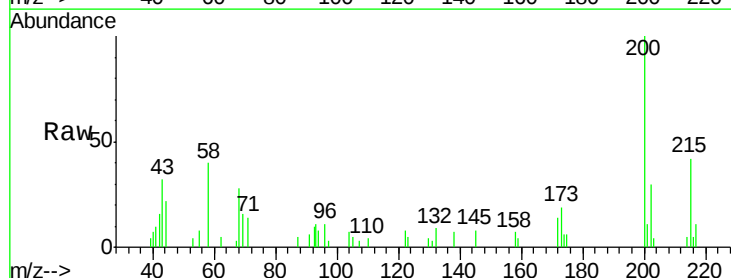
Tgt Ion:200 Resp: 6252

Ion Ratio Lower Upper

200 100

173 19.5 3.3 43.3

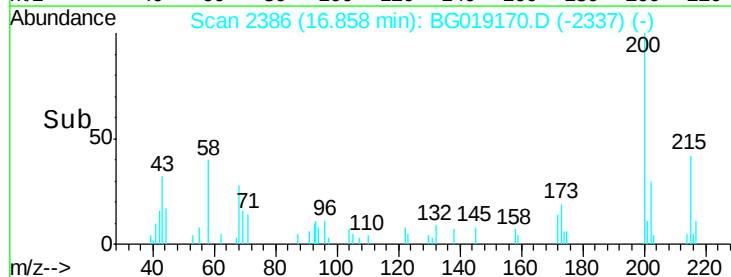
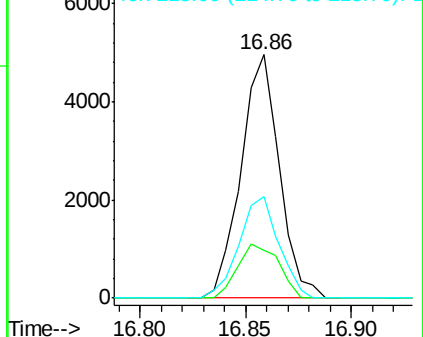
215 41.5 26.4 66.4

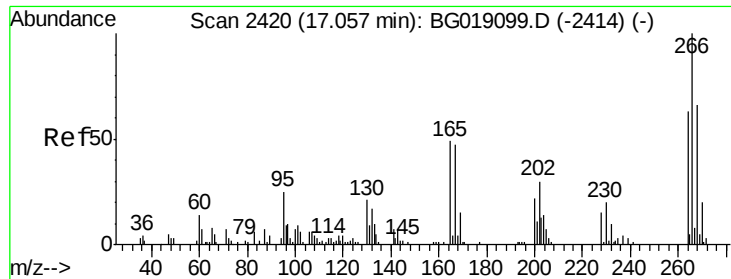


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

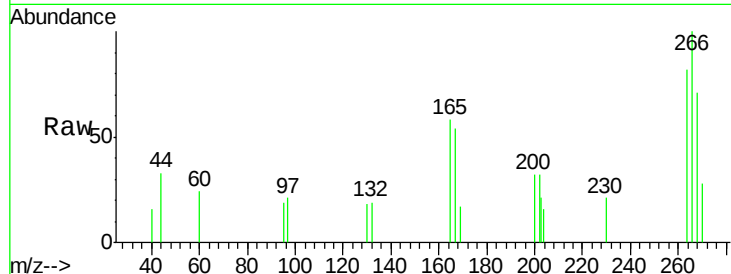




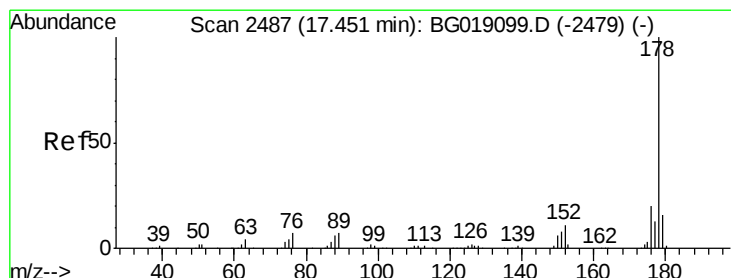
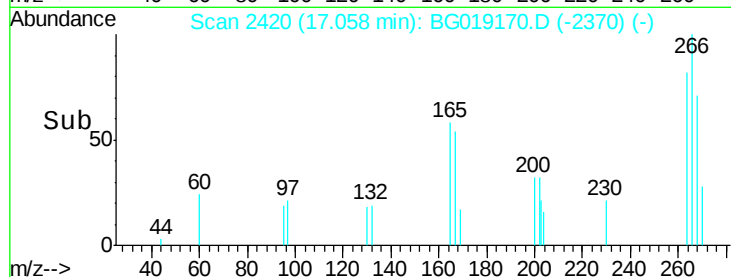
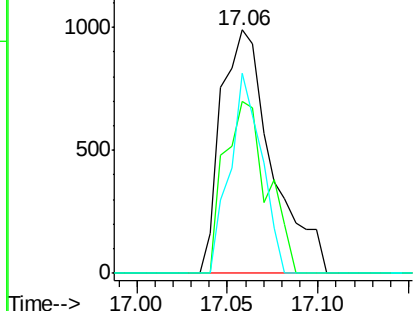
#69
 Pentachlorophenol
 Concen: 2.10 ng
 RT: 17.06 min Scan# 2420
 Delta R.T. -0.00 min
 Lab File: BG019170.D
 Acq: 12 Oct 2015 23:00

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

Tot Ion:266 Resp: 1933
 Ion Ratio Lower Upper
 266 100
 268 70.7 53.0 79.4
 264 82.4 50.1 75.1#

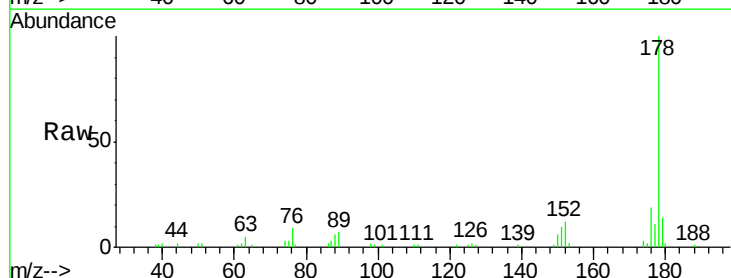


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

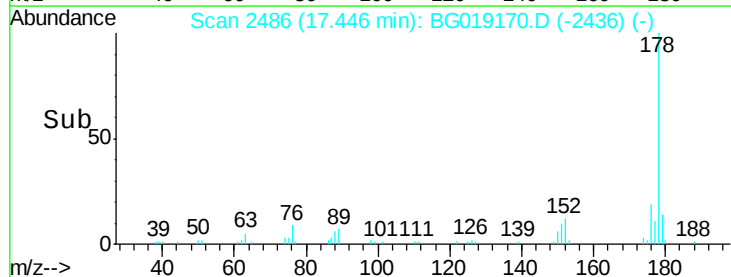
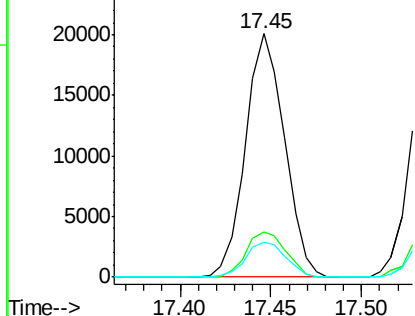


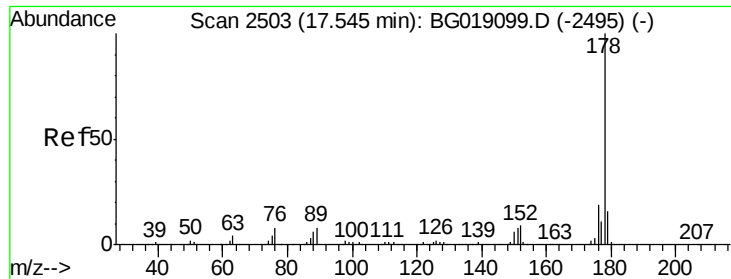
#70
 Phenanthrene
 Concen: 3.94 ng
 RT: 17.45 min Scan# 2486
 Delta R.T. -0.00 min
 Lab File: BG019170.D
 Acq: 12 Oct 2015 23:00

Tgt Ion:178 Resp: 29968
 Ion Ratio Lower Upper
 178 100
 176 18.7 16.3 24.5
 179 14.5 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

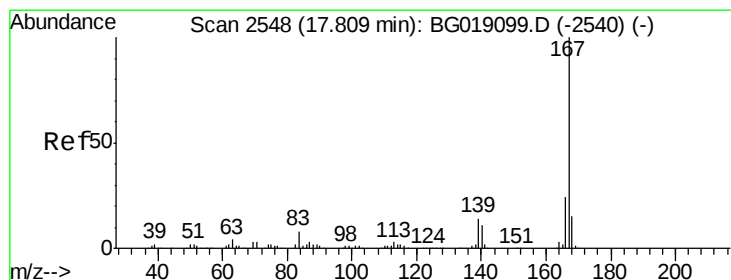
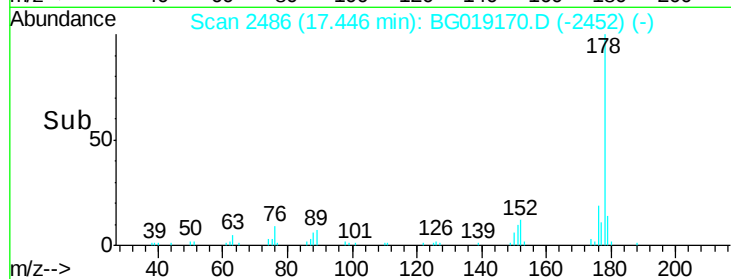
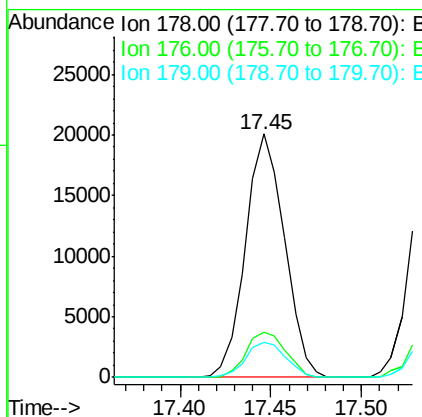
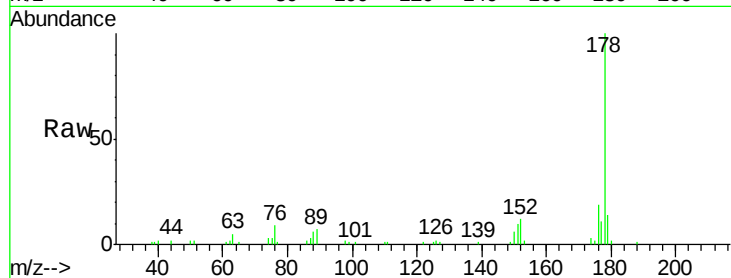




#71
 Anthracene
 Concen: 3.94 ng
 RT: 17.45 min Scan# 2486
 Delta R.T. -0.10 min
 Lab File: BG019170.D
 Acq: 12 Oct 2015 23:00

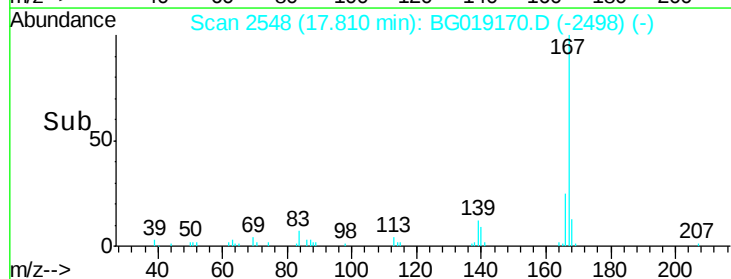
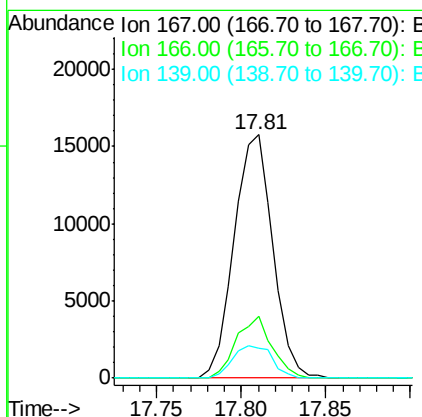
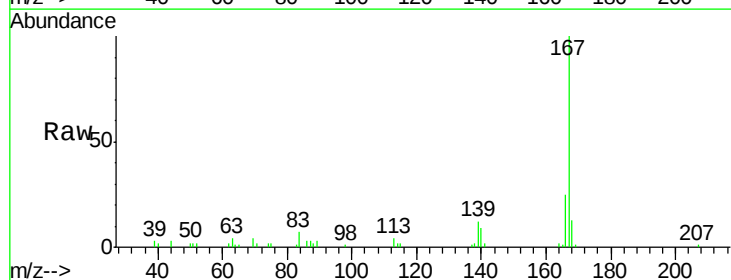
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

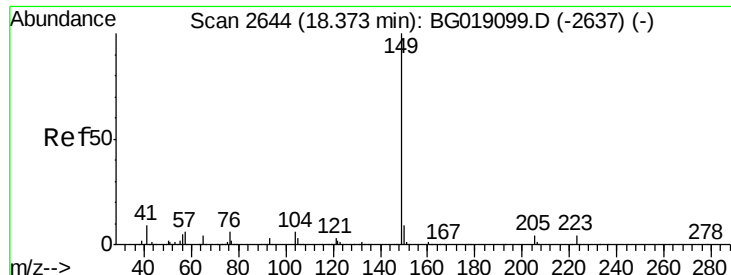
Tot Ion:178 Resp: 29968
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.5 23.3
 179 14.5 12.9 19.3



#72
 Carbazole
 Concen: 3.53 ng
 RT: 17.81 min Scan# 2548
 Delta R.T. -0.01 min
 Lab File: BG019170.D
 Acq: 12 Oct 2015 23:00

Tgt Ion:167 Resp: 25120
 Ion Ratio Lower Upper
 167 100
 166 25.3 19.1 28.7
 139 12.1 11.2 16.8

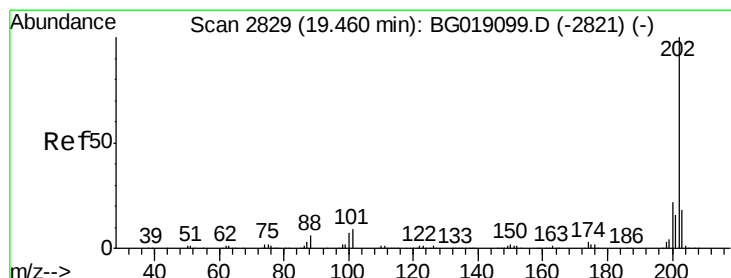
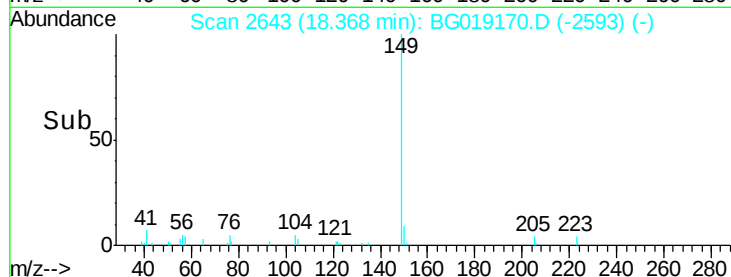
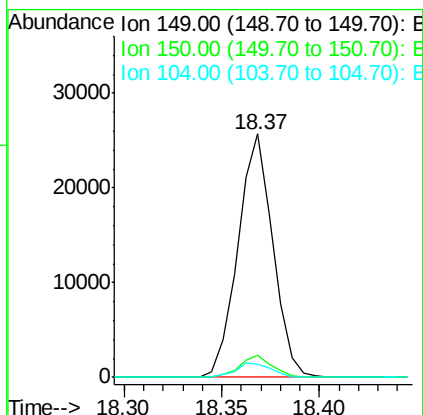
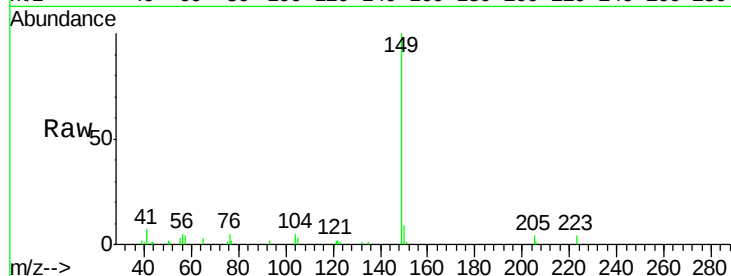




#73
Di-n-butylphthalate
Concen: 3.64 ng
RT: 18.37 min Scan# 2643
Delta R.T. -0.00 min
Lab File: BG019170.D
Acq: 12 Oct 2015 23:00

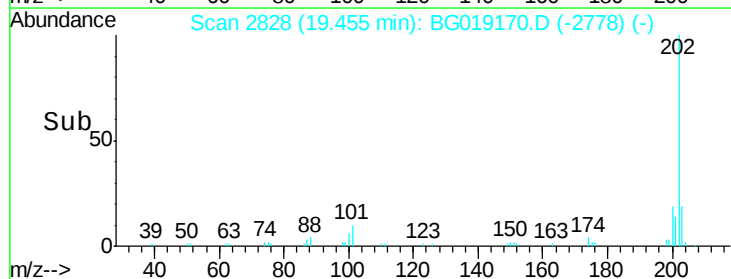
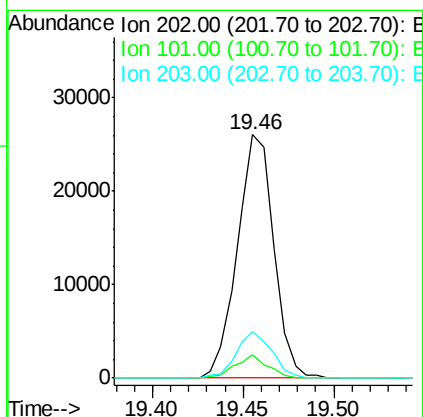
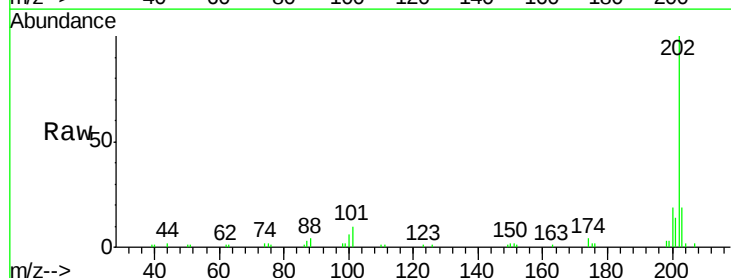
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

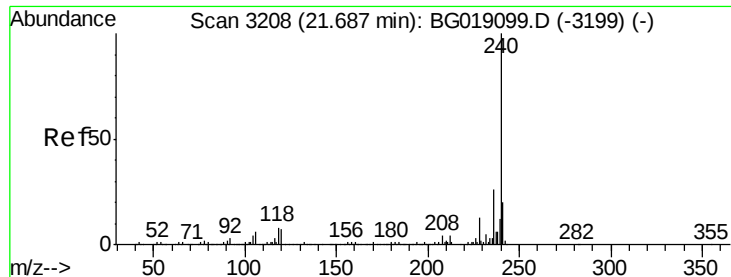
Tot Ion:149 Resp: 31783
Ion Ratio Lower Upper
149 100
150 9.0 7.5 11.3
104 5.4 5.0 7.6



#74
Fluoranthene
Concen: 3.71 ng
RT: 19.46 min Scan# 2828
Delta R.T. -0.00 min
Lab File: BG019170.D
Acq: 12 Oct 2015 23:00

Tgt Ion:202 Resp: 36343
Ion Ratio Lower Upper
202 100
101 9.7 0.0 28.9
203 19.0 0.0 38.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.68 min Scan# 3206

Delta R.T. -0.01 min

Lab File: BG019170.D

Acq: 12 Oct 2015 23:00

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

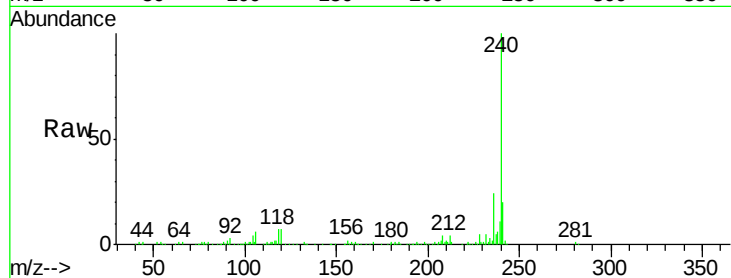
Tot Ion:240 Resp: 180115

Ion Ratio Lower Upper

240 100

120 6.8 5.8 8.6

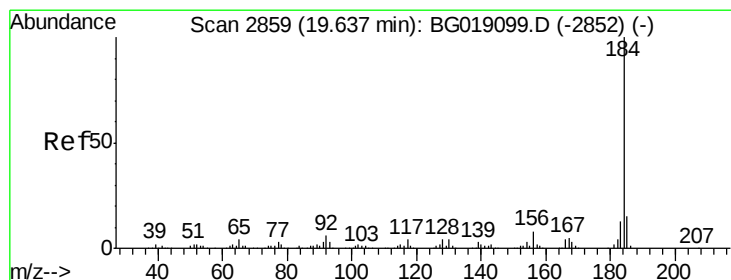
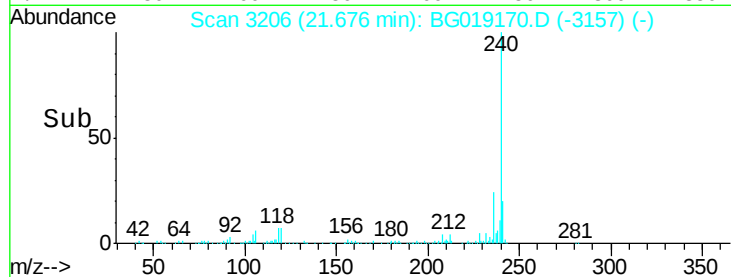
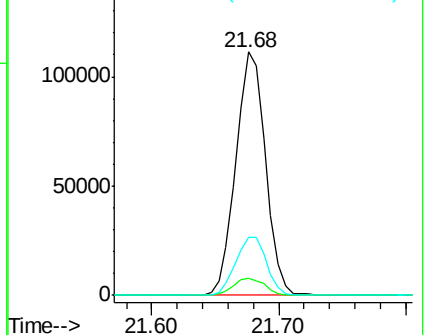
236 23.9 21.2 31.8



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: 0.75 ng

RT: 19.64 min Scan# 2859

Delta R.T. 0.00 min

Lab File: BG019170.D

Acq: 12 Oct 2015 23:00

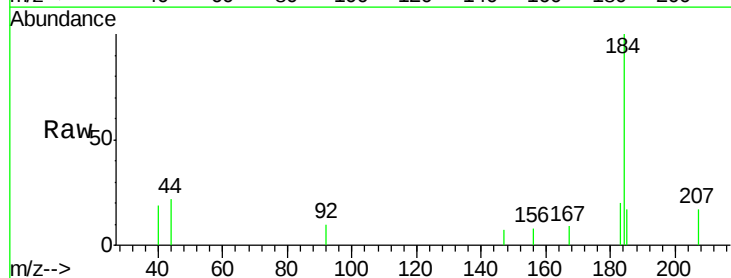
Tgt Ion:184 Resp: 3451

Ion Ratio Lower Upper

184 100

185 16.8 11.9 17.9

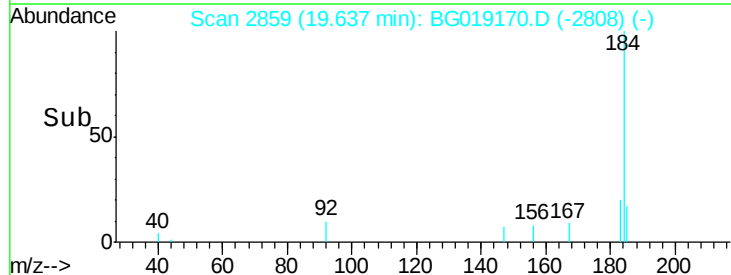
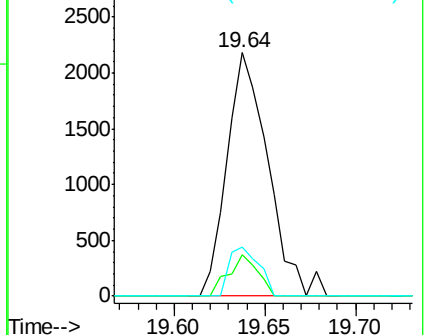
183 20.3 10.1 15.1#

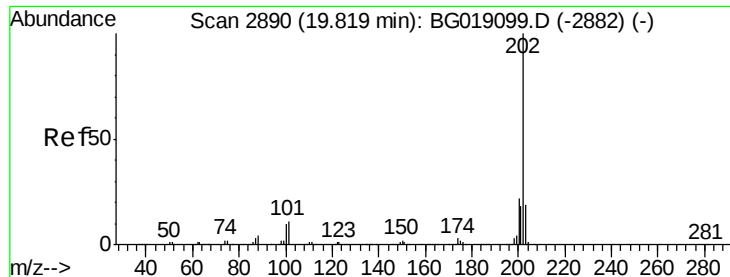


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

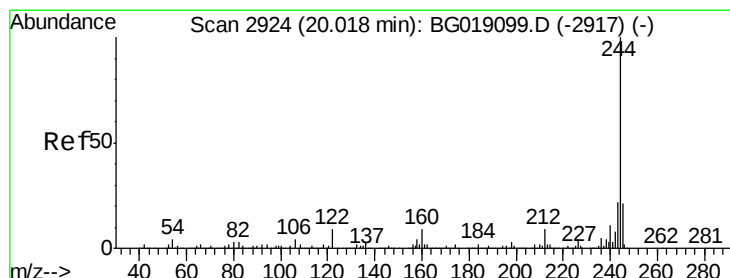
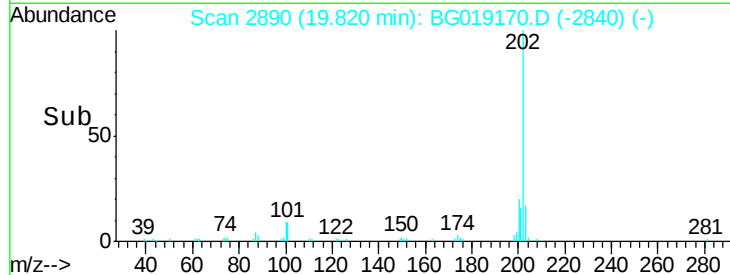
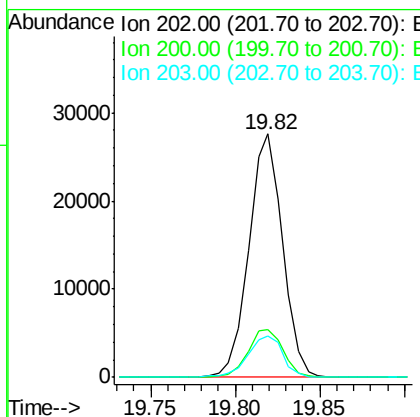
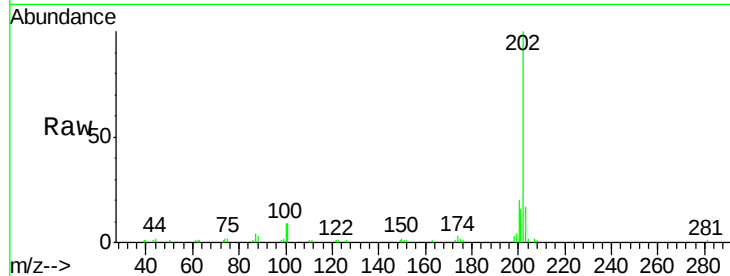




#77
Pvrene
Concen: 3.78 ng
RT: 19.82 min Scan# 2890
Delta R.T. -0.00 min
Lab File: BG019170.D
Acq: 12 Oct 2015 23:00

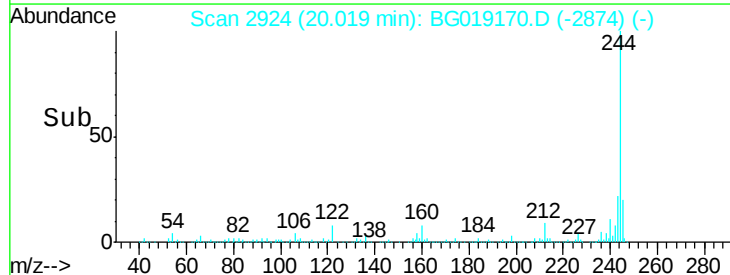
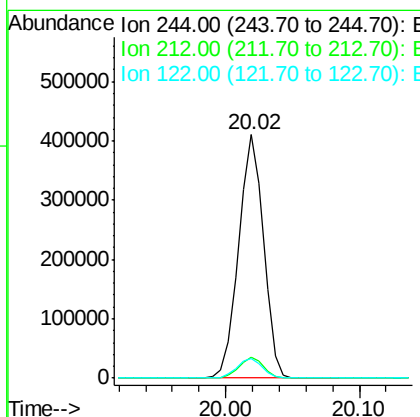
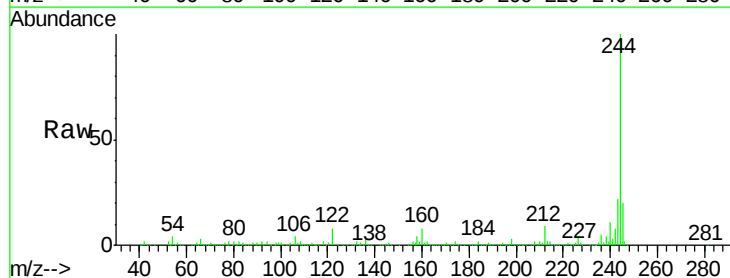
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

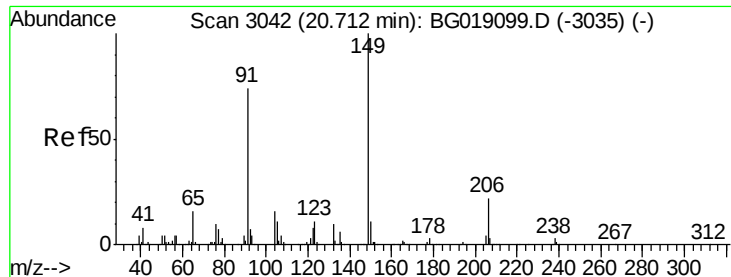
Tot Ion:202 Resp: 38109
Ion Ratio Lower Upper
202 100
200 19.9 17.4 26.2
203 17.0 14.8 22.2



#78
Terphenyl-d14
Concen: 77.46 ng
RT: 20.02 min Scan# 2924
Delta R.T. -0.00 min
Lab File: BG019170.D
Acq: 12 Oct 2015 23:00

Tgt Ion:244 Resp: 528192
Ion Ratio Lower Upper
244 100
212 8.6 6.8 10.2
122 8.1 7.4 11.2

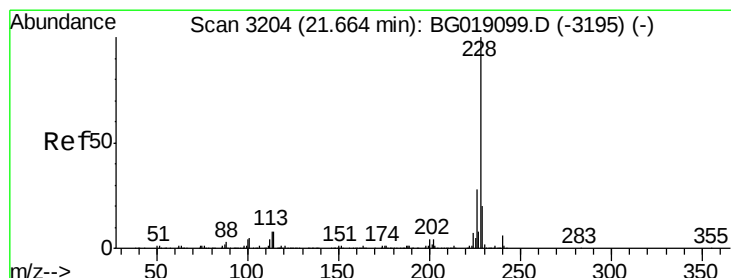
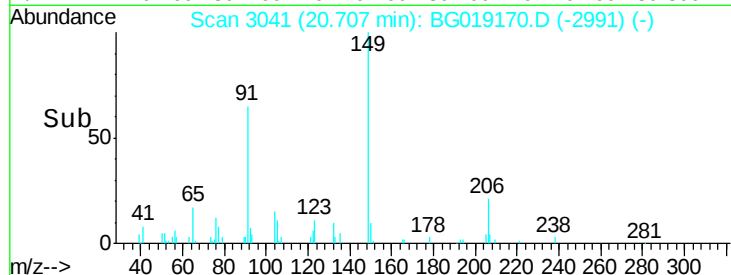
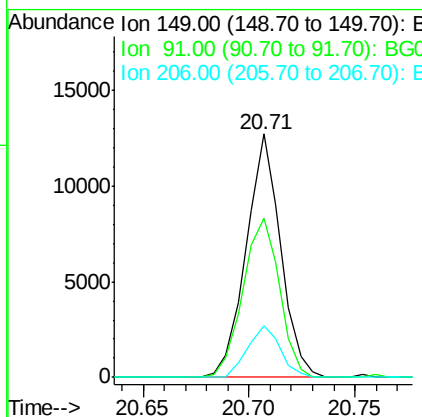
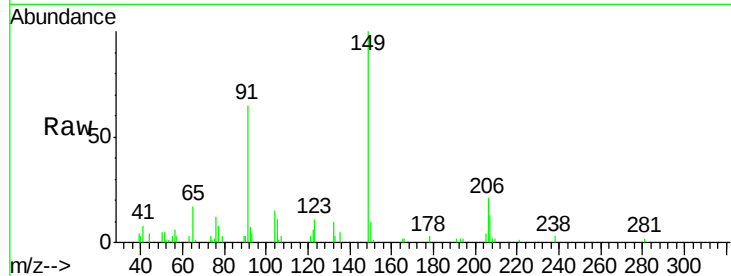




#79
Butylbenzylphthalate
Concen: 3.50 ng
RT: 20.71 min Scan# 3041
Delta R.T. -0.01 min
Lab File: BG019170.D
Acq: 12 Oct 2015 23:00

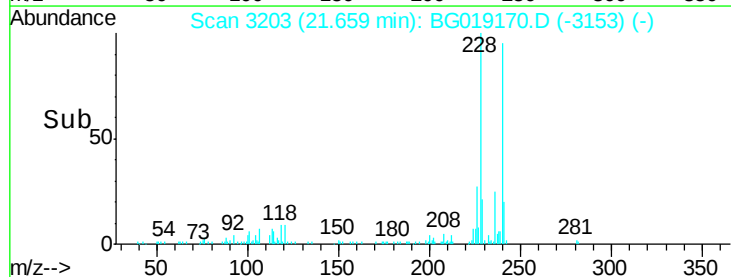
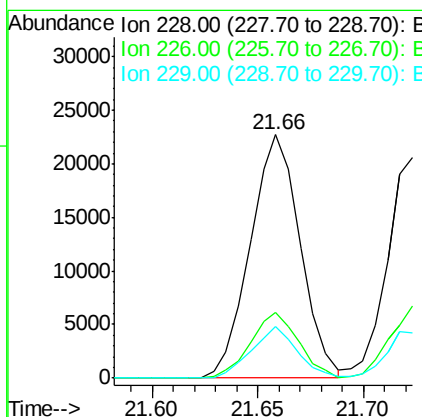
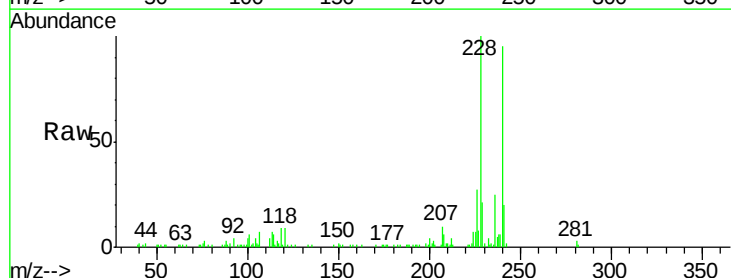
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

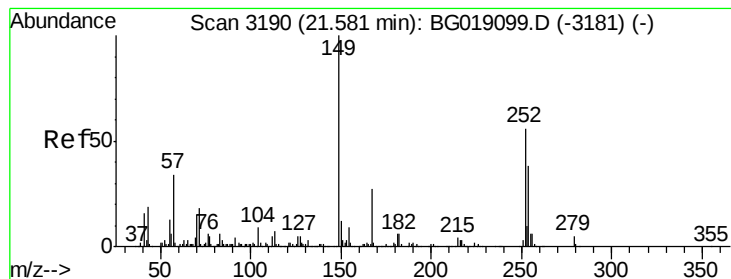
Tot Ion:149 Resp: 14388
Ion Ratio Lower Upper
149 100
91 65.3 59.2 88.8
206 21.1 17.5 26.3



#80
Benzo(a)anthracene
Concen: 3.85 ng
RT: 21.66 min Scan# 3203
Delta R.T. -0.00 min
Lab File: BG019170.D
Acq: 12 Oct 2015 23:00

Tgt Ion:228 Resp: 37185
Ion Ratio Lower Upper
228 100
226 27.1 22.4 33.6
229 21.1 16.2 24.2

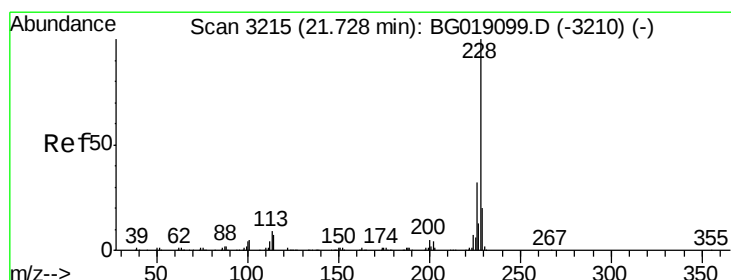
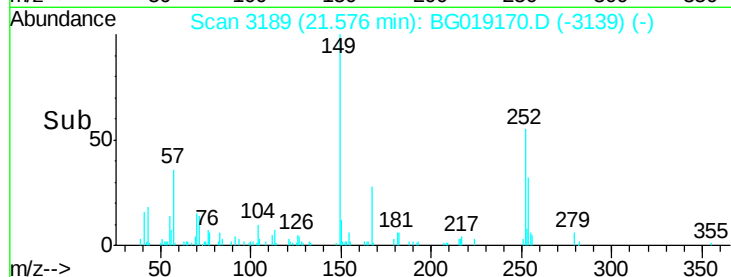
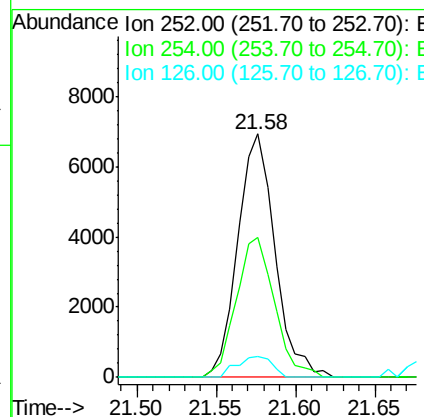
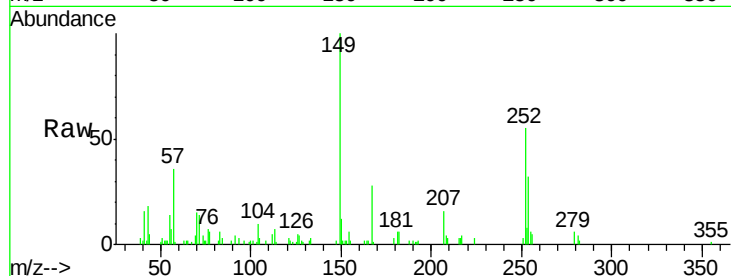




#81
 3,3'-Dichlorobenzidine
 Concen: 3.16 ng
 RT: 21.58 min Scan# 3189
 Delta R.T. -0.00 min
 Lab File: BG019170.D
 Acq: 12 Oct 2015 23:00

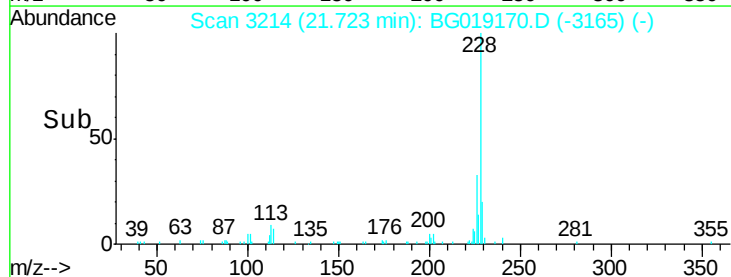
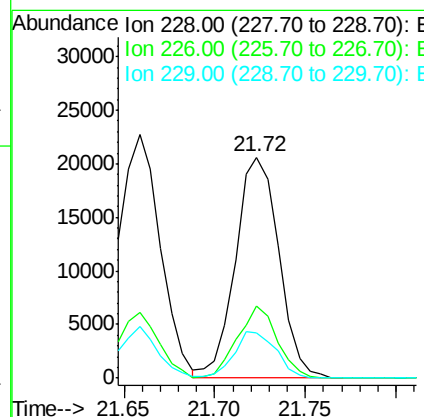
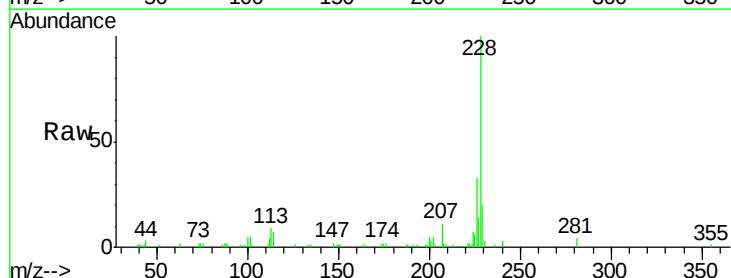
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

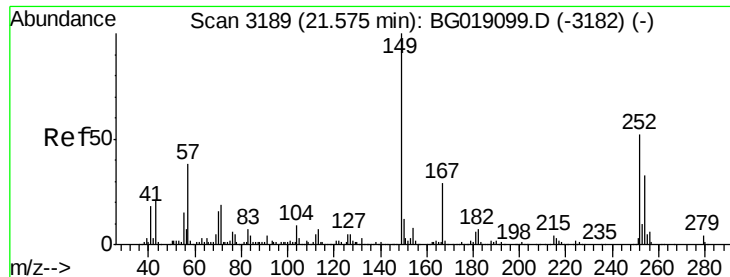
Tot Ion:252 Resp: 11279
 Ion Ratio Lower Upper
 252 100
 254 57.6 53.9 80.9
 126 8.8 7.0 10.6



#82
 Chrysene
 Concen: 3.74 ng
 RT: 21.72 min Scan# 3214
 Delta R.T. -0.01 min
 Lab File: BG019170.D
 Acq: 12 Oct 2015 23:00

Tgt Ion:228 Resp: 34293
 Ion Ratio Lower Upper
 228 100
 226 32.7 25.2 37.8
 229 20.3 16.3 24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 3.44 ng

RT: 21.57 min Scan# 3188

Delta R.T. -0.00 min

Lab File: BG019170.D

Acq: 12 Oct 2015 23:00

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

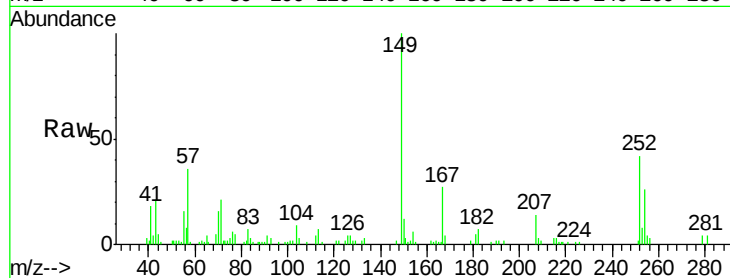
Tot Ion:149 Resp: 19620

Ion Ratio Lower Upper

149 100

167 26.9 22.8 34.2

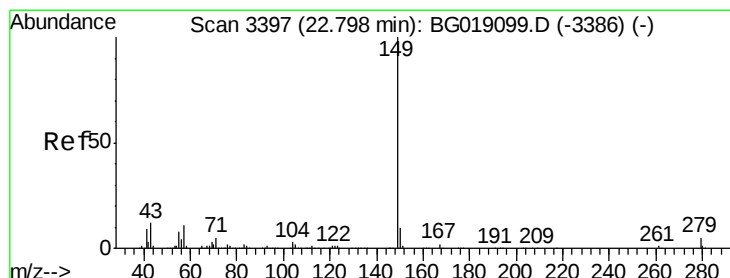
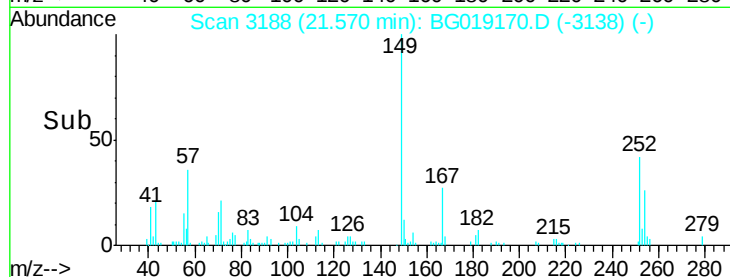
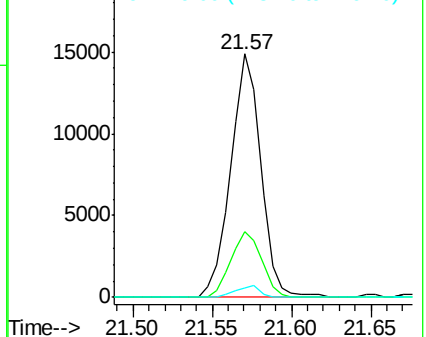
279 4.1 3.6 5.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 3.33 ng

RT: 22.79 min Scan# 3395

Delta R.T. -0.00 min

Lab File: BG019170.D

Acq: 12 Oct 2015 23:00

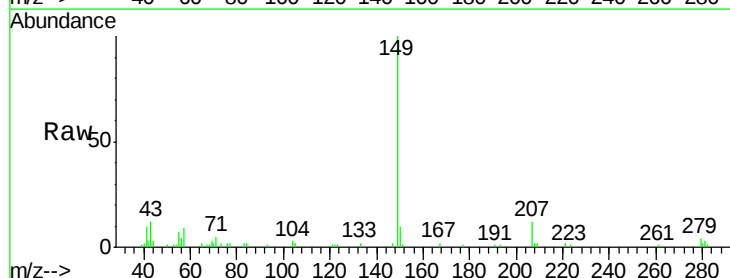
Tgt Ion:149 Resp: 32792

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

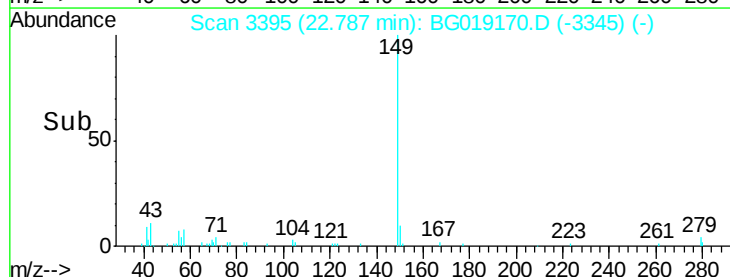
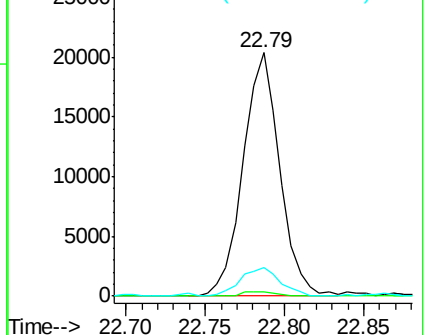
43 12.6 10.1 15.1

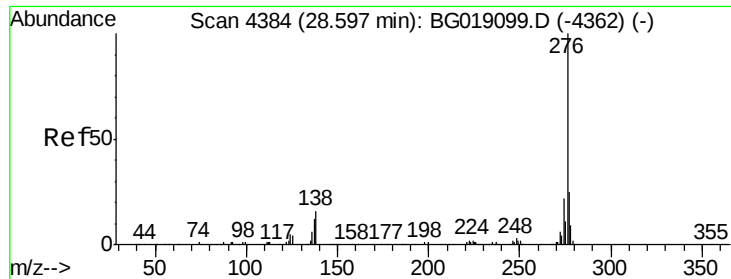


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG





#85

Indeno(1,2,3-cd)pyrene

Concen: 3.46 ng

RT: 28.56 min Scan# 4378

Delta R.T. -0.05 min

Lab File: BG019170.D

Acq: 12 Oct 2015 23:00

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

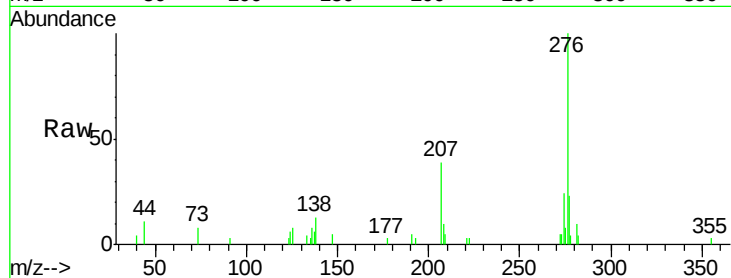
Tot Ion:276 Resp: 38617

Ion Ratio Lower Upper

276 100

138 7.2 10.2 15.4#

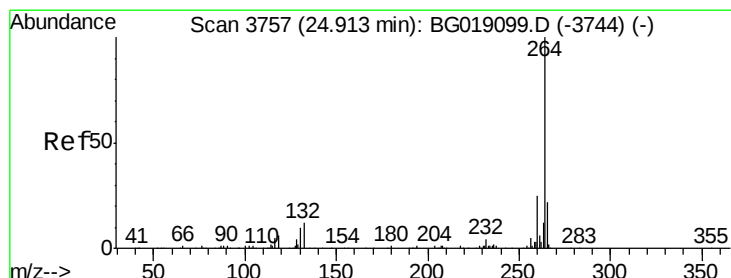
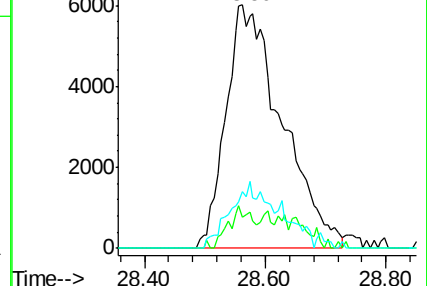
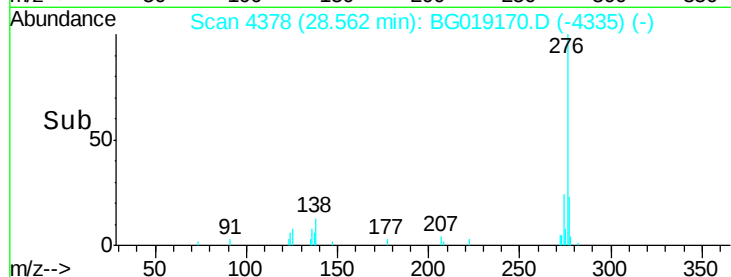
277 17.4 20.2 30.4#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 24.91 min Scan# 3756

Delta R.T. -0.00 min

Lab File: BG019170.D

Acq: 12 Oct 2015 23:00

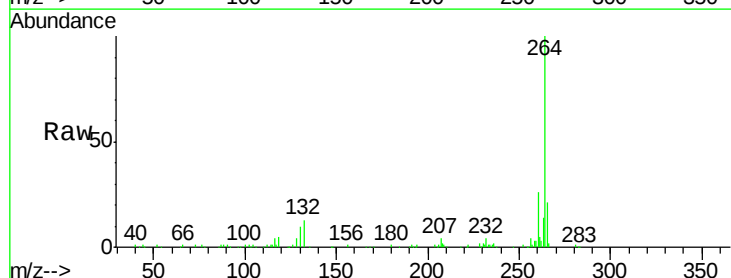
Tgt Ion:264 Resp: 176868

Ion Ratio Lower Upper

264 100

260 26.0 20.1 30.1

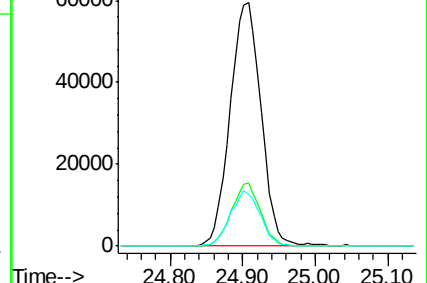
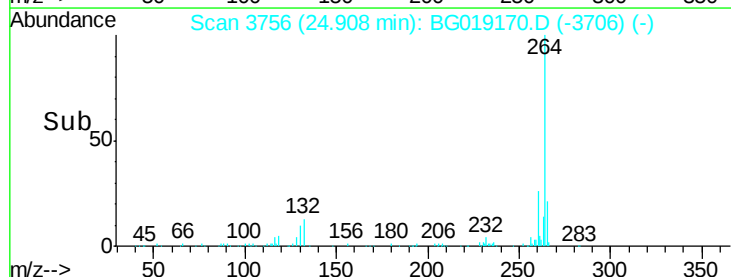
265 21.1 17.2 25.8

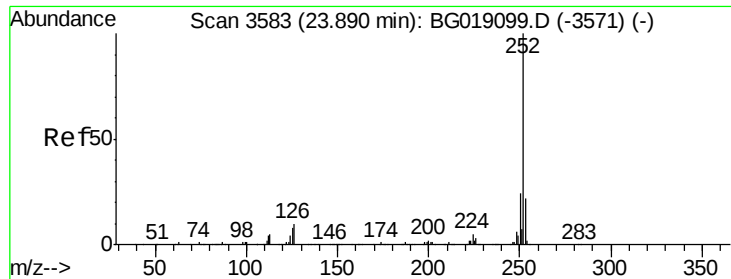


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 3.71 ng

RT: 23.94 min Scan# 3591

Delta R.T. 0.05 min

Lab File: BG019170.D

Acq: 12 Oct 2015 23:00

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

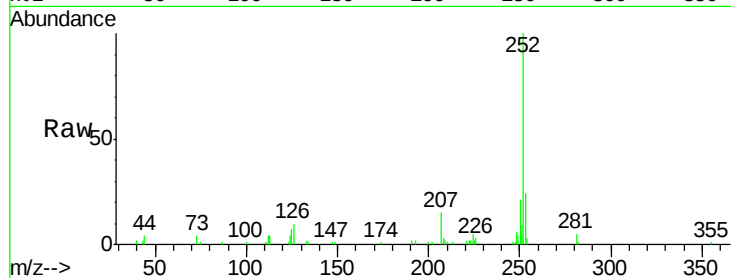
Tot Ion:252 Resp: 35295

Ion Ratio Lower Upper

252 100

253 23.8 17.5 26.3

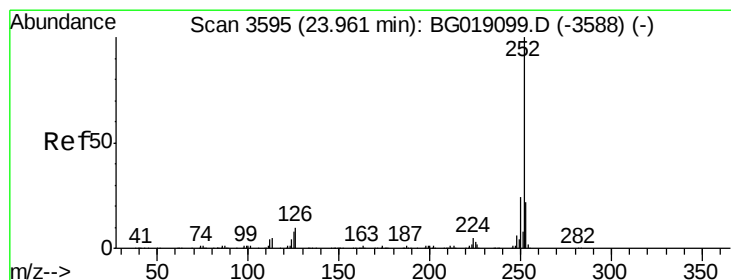
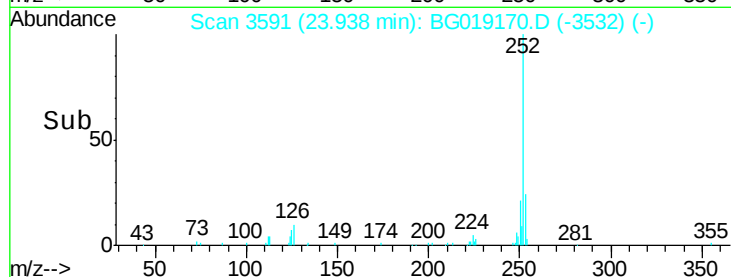
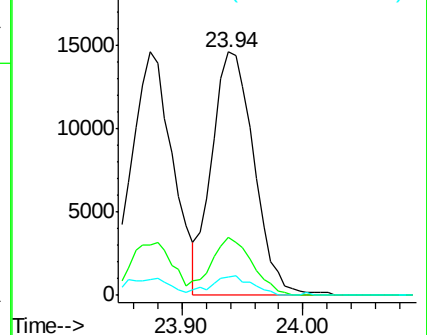
125 7.5 6.6 9.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 3.76 ng

RT: 23.94 min Scan# 3591

Delta R.T. -0.02 min

Lab File: BG019170.D

Acq: 12 Oct 2015 23:00

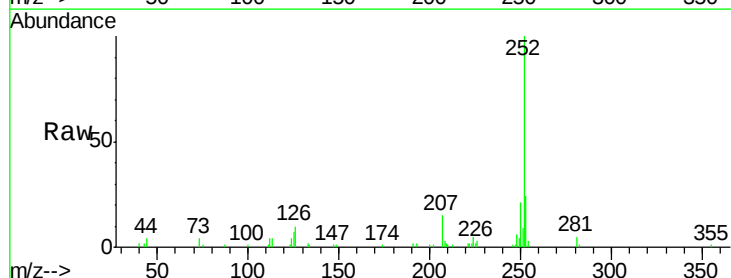
Tgt Ion:252 Resp: 35295

Ion Ratio Lower Upper

252 100

253 23.8 17.0 25.4

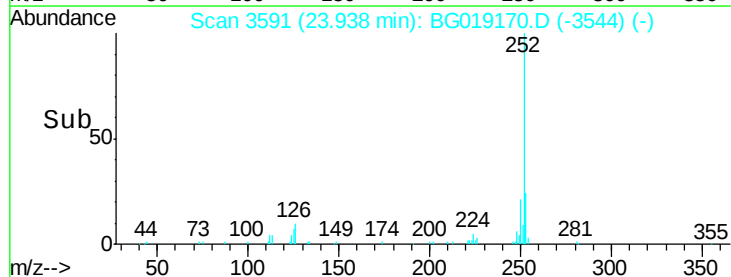
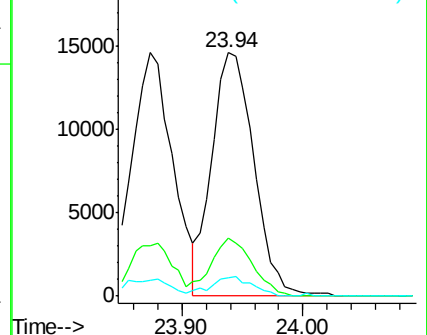
125 7.5 6.4 9.6

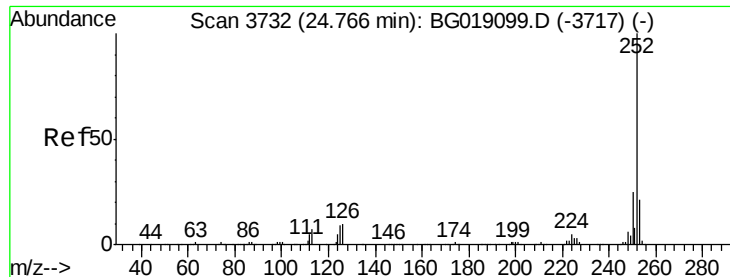


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 3.75 ng

RT: 24.75 min Scan# 3729

Delta R.T. -0.02 min

Lab File: BG019170.D

Acq: 12 Oct 2015 23:00

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

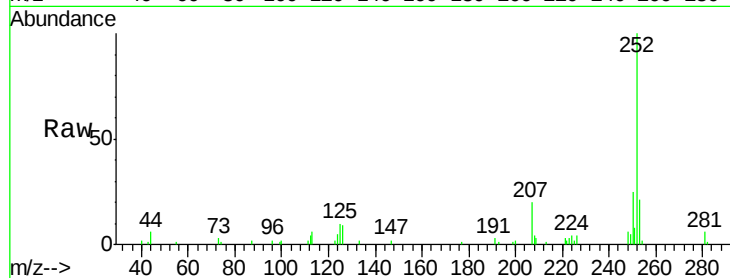
Tot Ion:252 Resp: 33671

Ion Ratio Lower Upper

252 100

253 21.0 17.0 25.4

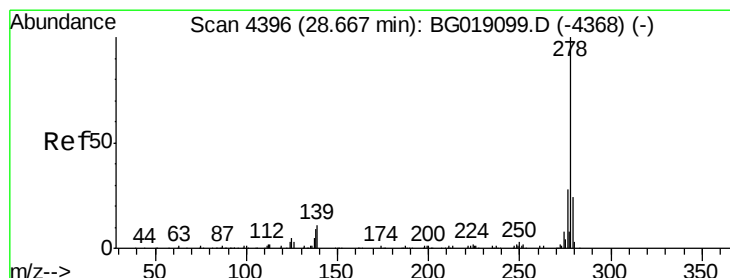
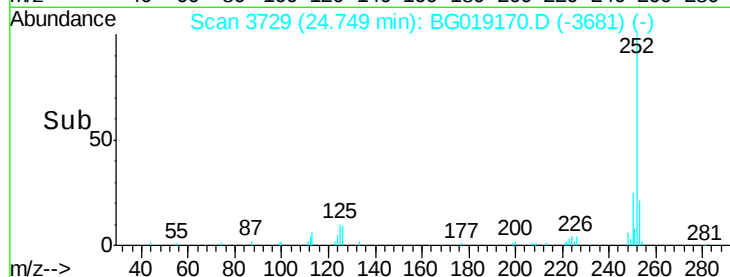
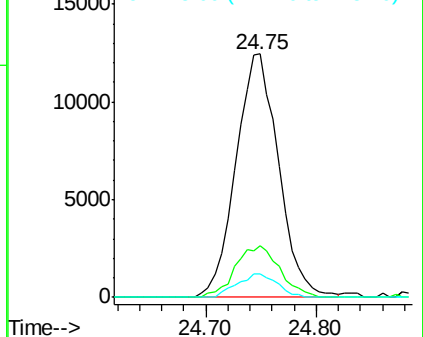
125 9.7 7.2 10.8



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: 3.44 ng

RT: 28.65 min Scan# 4393

Delta R.T. -0.02 min

Lab File: BG019170.D

Acq: 12 Oct 2015 23:00

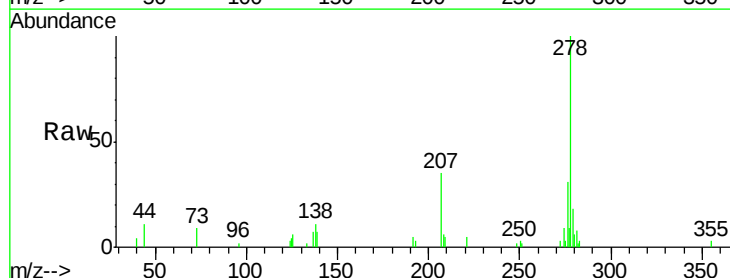
Tgt Ion:278 Resp: 33178

Ion Ratio Lower Upper

278 100

139 6.9 8.6 12.8#

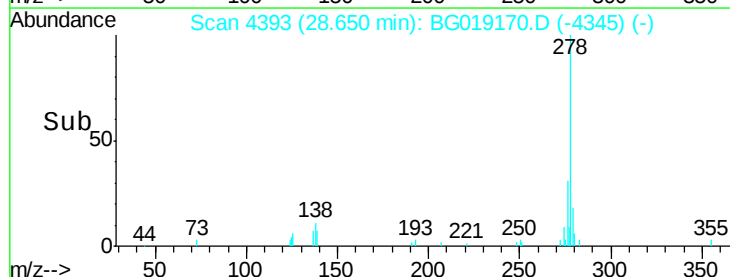
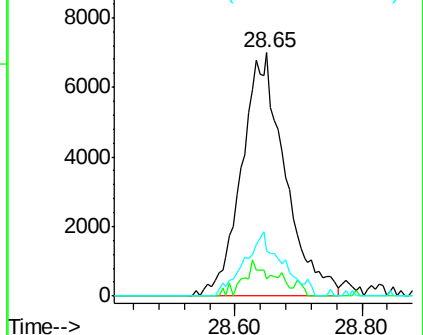
279 18.4 19.5 29.3#

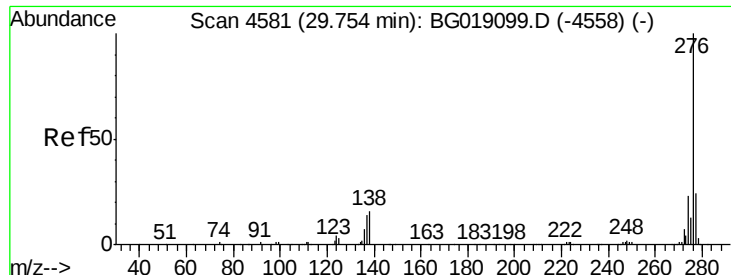


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 3.35 ng

RT: 29.73 min Scan# 4576

Delta R.T. -0.04 min

Lab File: BG019170.D

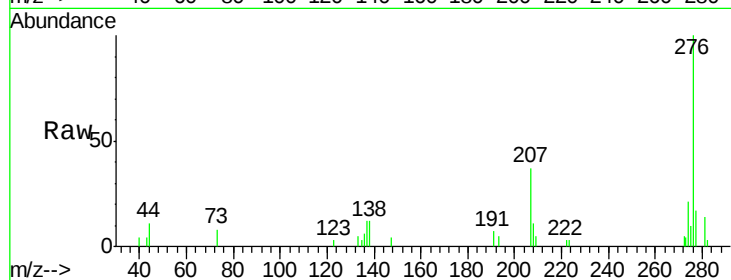
Acq: 12 Oct 2015 23:00

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01



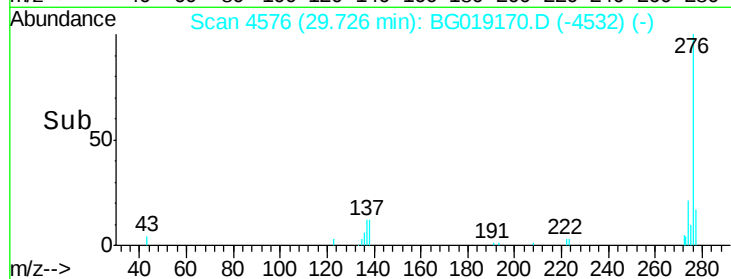
Tot Ion:276 Resp: 30068

Ion Ratio Lower Upper

276 100

277 17.2 19.5 29.3#

138 11.8 13.0 19.6#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

