

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032615\
 Data File : BG016141.D
 Acq On : 26 Mar 2015 15:46
 Operator : TP/IZ
 Sample : G1614-03
 Misc : LOD-SOIL-5PPM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

Quant Time: Mar 27 02:38:48 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 03:23:37 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	47124	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	198997	20.00	ng	0.00
38) Acenaphthene-d10	14.41	164	124913	20.00	ng	0.00
63) Phenanthrene-d10	17.16	188	287120	20.00	ng	0.00
75) Chrysene-d12	21.33	240	321057	20.00	ng	0.00
86) Perylene-d12	23.61	264	302835	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	366268	130.08	ng	0.01
7) Phenol-d6	6.96	99	495865	126.52	ng	0.01
23) Nitrobenzene-d5	8.94	82	248544	77.44	ng	0.00
41) 2,4,6-Tribromophenol	15.90	330	194662	135.71	ng	0.00
44) 2-Fluorobiphenyl	13.04	172	633345	84.87	ng	0.00
78) Terphenyl-d14	19.78	244	1070185	83.95	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.30	88	5525	4.86	ng	# 84
3) Pyridine	3.70	79	11878	3.34	ng	95
4) n-Nitrosodimethylamine	3.62	42	4143	3.96	ng	# 92
6) Aniline	7.12	93	19491	3.49	ng	98
8) 2-Chlorophenol	7.36	128	13938	4.17	ng	95
9) Benzaldehyde	6.94	77	10769	6.58	ng	97
10) Phenol	6.99	94	18449	4.28	ng	96
11) bis(2-Chloroethyl)ether	7.22	93	12980	3.72	ng	97
12) 1,3-Dichlorobenzene	7.68	146	13500	3.74	ng	93
13) 1,4-Dichlorobenzene	7.83	146	14235	3.80	ng	98
14) 1,2-Dichlorobenzene	8.14	146	13797	3.90	ng	91
15) Benzyl Alcohol	8.03	79	9404	3.25	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.32	45	13158	3.35	ng	92
17) 2-Methylphenol	8.23	107	11327	3.73	ng	89
18) Hexachloroethane	8.86	117	5059	3.77	ng	95
19) n-Nitroso-di-n-propylamine	8.59	70	9068	3.16	ng	99
20) 3+4-Methylphenols	8.56	107	14955	3.63	ng	97
22) Acetophenone	8.61	105	17350	3.88	ng	# 95
24) Nitrobenzene	8.99	77	13565	3.93	ng	98
25) Isophorone	9.50	82	23894	3.28	ng	98
26) 2-Nitrophenol	9.69	139	6252	3.34	ng	96
27) 2,4-Dimethylphenol	9.76	122	12526	3.99	ng	97
28) bis(2-Chloroethoxy)methane	9.99	93	15934	3.81	ng	98
29) 2,4-Dichlorophenol	10.23	162	11145	4.04	ng	96
30) 1,2,4-Trichlorobenzene	10.44	180	12009	4.04	ng	96
31) Naphthalene	10.62	128	41061	3.85	ng	97
32) Benzoic acid	9.82	122	2954	6.55	ng	90
33) 4-Chloroaniline	10.74	127	18141	3.89	ng	94
34) Hexachlorobutadiene	10.91	225	6544	4.05	ng	98
35) Caprolactam	11.48	113	4842	3.23	ng	92
36) 4-Chloro-3-methylphenol	11.86	107	12390	3.81	ng	96
37) 2-Methylnaphthalene	12.23	142	28885	3.79	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.60	216	12667	4.03	ng	97
40) Hexachlorocyclopentadiene	12.59	237	5988	3.26	ng	98

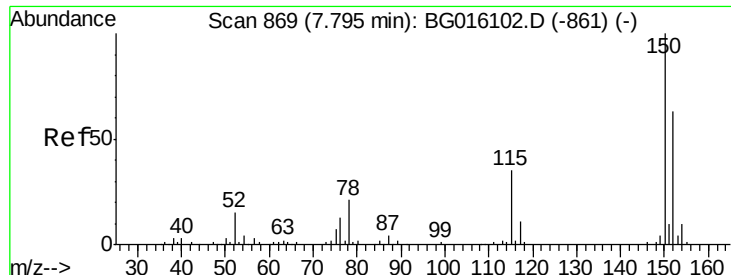
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032615\
 Data File : BG016141.D
 Acq On : 26 Mar 2015 15:46
 Operator : TP/IZ
 Sample : G1614-03
 Misc : LOD-SOIL-5PPM
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 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 03:23:37 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.85	196	8651	3.85	ng	100
43) 2,4,5-Trichlorophenol	12.92	196	9401	3.84	ng	98
45) 1,1'-Biphenyl	13.25	154	37658	4.11	ng	99
46) 2-Chloronaphthalene	13.29	162	27946	3.91	ng	98
47) 2-Nitroaniline	13.50	65	6973	3.40	ng	98
48) Acenaphthylene	14.14	152	49226	3.77	ng	96
49) Dimethylphthalate	13.87	163	34803	3.97	ng	100
50) 2,6-Dinitrotoluene	13.99	165	7595	3.66	ng	# 91
51) Acenaphthene	14.48	154	30285	3.85	ng	98
52) 3-Nitroaniline	14.32	138	9264	3.64	ng	99
53) 2,4-Dinitrophenol	14.53	184	554	5.77	ng	# 45
54) Dibenzofuran	14.81	168	45902	4.17	ng	99
55) 4-Nitrophenol	14.63	139	6492	3.15	ng	98
56) 2,4-Dinitrotoluene	14.78	165	9980	3.51	ng	# 89
57) Fluorene	15.46	166	39374	4.01	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.04	232	8790	4.02	ng	# 94
59) Diethylphthalate	15.24	149	35145	3.90	ng	99
60) 4-Chlorophenyl-phenylether	15.46	204	18363	4.25	ng	95
61) 4-Nitroaniline	15.48	138	10501	3.65	ng	94
62) Azobenzene	15.75	77	34319	3.70	ng	98
65) n-Nitrosodiphenylamine	15.67	169	34072	3.72	ng	98
66) 4-Bromophenyl-phenylether	16.35	248	10858	3.69	ng	96
67) Hexachlorobenzene	16.46	284	12574	3.80	ng	98
68) Atrazine	16.62	200	11276	4.14	ng	96
69) Pentachlorophenol	16.80	266	4102	2.17	ng	95
70) Phenanthrene	17.20	178	65182	4.05	ng	97
71) Anthracene	17.29	178	63908	3.99	ng	98
72) Carbazole	17.56	167	62374	3.97	ng	98
73) Di-n-butylphthalate	18.12	149	65917	3.71	ng	98
74) Fluoranthene	19.21	202	73440	4.09	ng	97
76) Benzidine	19.40	184	31559	3.75	ng	99
77) Pyrene	19.57	202	76878	3.88	ng	95
79) Butylbenzylphthalate	20.47	149	27750	3.36	ng	95
80) Benzo(a)anthracene	21.31	228	72599	3.99	ng	98
81) 3,3'-Dichlorobenzidine	21.25	252	22510	3.56	ng	99
82) Chrysene	21.36	228	70608	4.23	ng	97
83) Bis(2-ethylhexyl)phthalate	21.24	149	38984	3.44	ng	98
84) Di-n-octyl phthalate	22.13	149	64863	3.39	ng	100
85) Indeno(1,2,3-cd)pyrene	25.95	276	75350	3.51	ng	97
87) Benzo(b)fluoranthene	22.92	252	68758	3.92	ng	99
88) Benzo(k)fluoranthene	22.97	252	65603	3.84	ng	96
89) Benzo(a)pyrene	23.51	252	64185	3.93	ng	99
90) Dibenzo(a,h)anthracene	25.97	278	63255	3.71	ng	96
91) Benzo(g,h,i)perylene	26.67	276	61935	3.67	ng	96

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

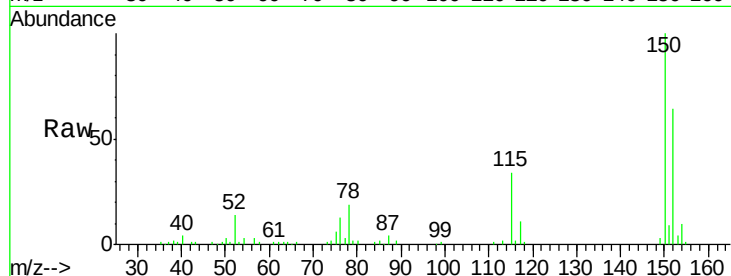


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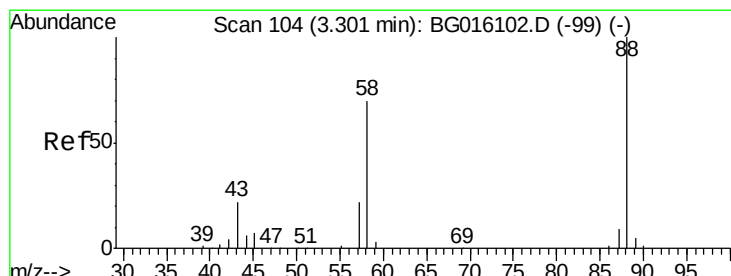
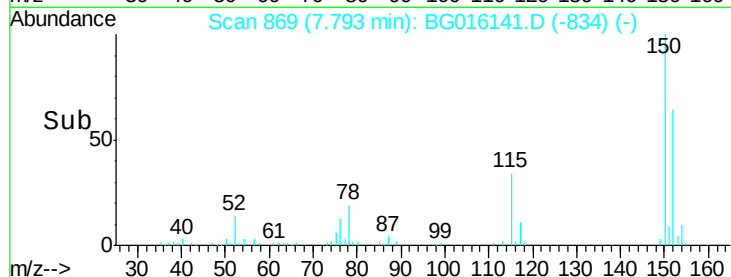
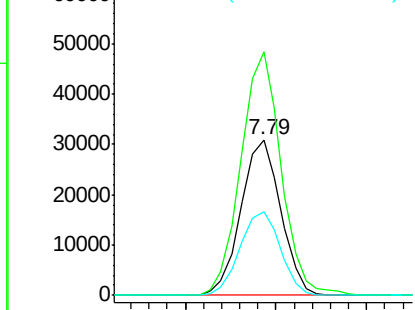
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.79 min Scan# 869
Delta R.T. 0.00 min
Lab File: BG016141.D
Acq: 26 Mar 2015 15:46

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:152 Resp: 47124
Ion Ratio Lower Upper
152 100
150 156.3 126.1 189.1
115 53.5 43.7 65.5



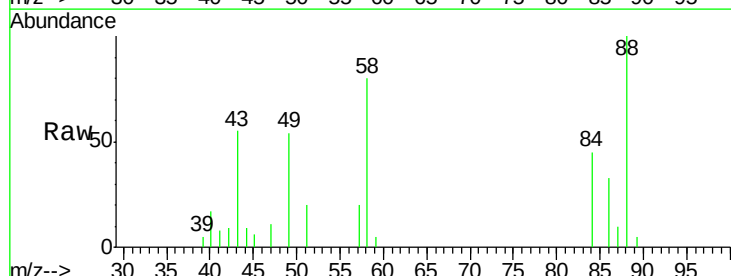
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



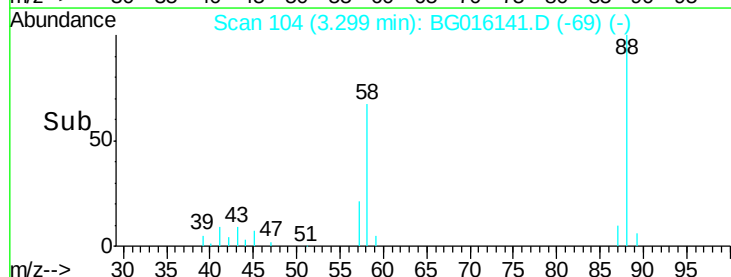
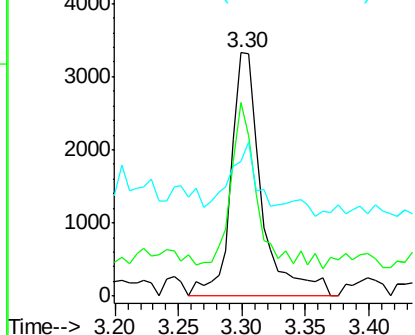
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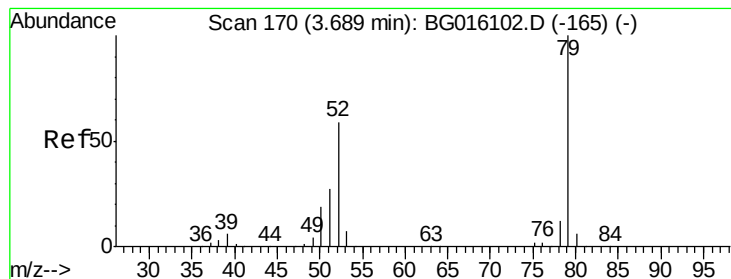
1,4-Dioxane
Concen: 4.86 ng
RT: 3.30 min Scan# 104
Delta R.T. 0.00 min
Lab File: BG016141.D
Acq: 26 Mar 2015 15:46

Tgt Ion: 88 Resp: 5525
Ion Ratio Lower Upper
88 100
58 51.1 54.2 81.4#
43 20.5 17.4 26.2



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 3.34 ng

RT: 3.70 min Scan# 172

Delta R.T. 0.01 min

Lab File: BG016141.D

Acq: 26 Mar 2015 15:46

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

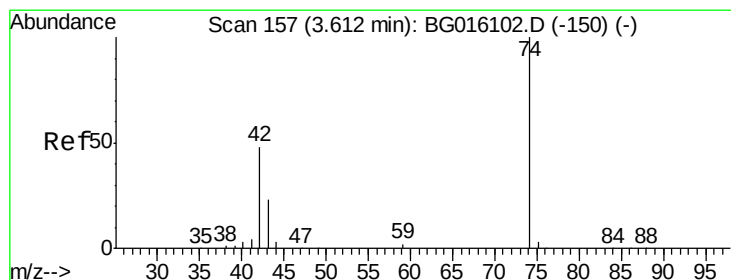
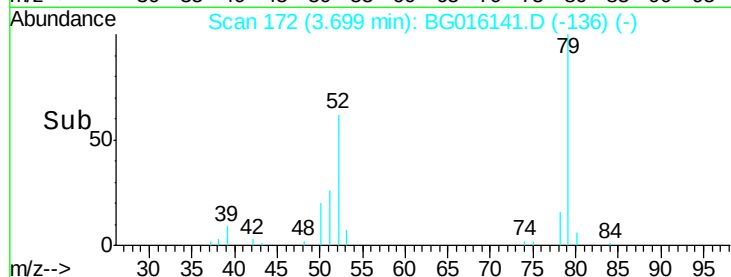
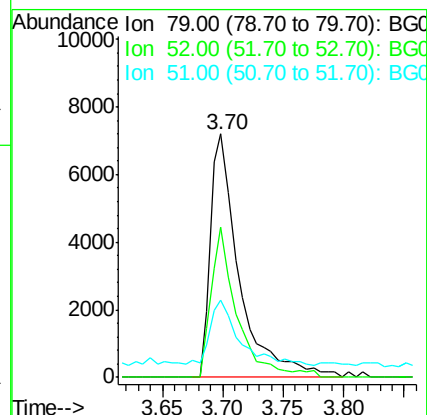
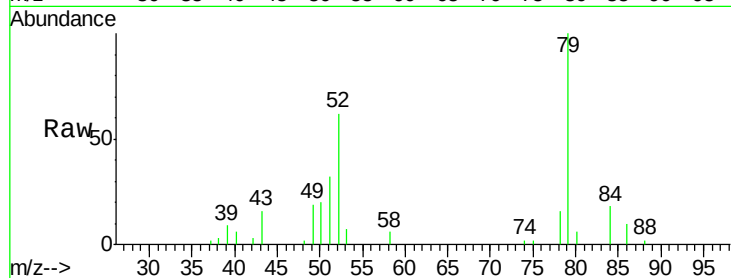
Tgt Ion: 79 Resp: 11878

Ion Ratio Lower Upper

79 100

52 61.7 47.0 70.4

51 31.6 21.9 32.9



#4

n-Nitrosodimethylamine

Concen: 3.96 ng

RT: 3.62 min Scan# 158

Delta R.T. 0.01 min

Lab File: BG016141.D

Acq: 26 Mar 2015 15:46

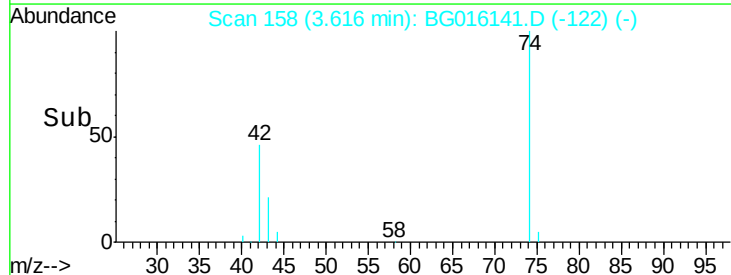
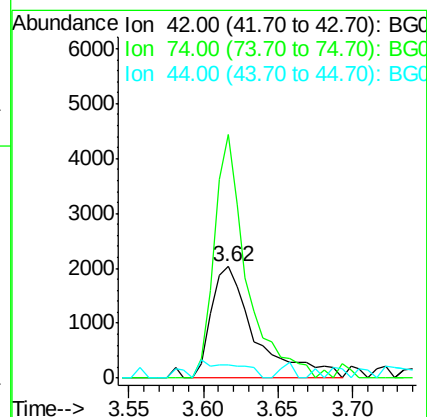
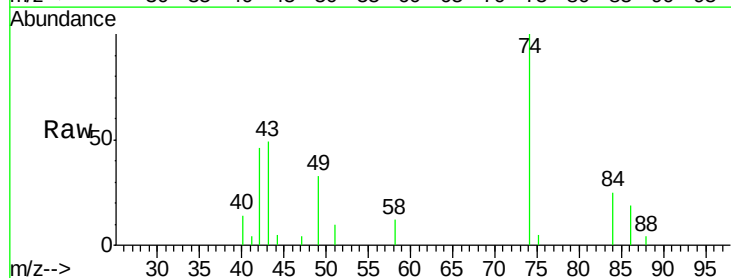
Tgt Ion: 42 Resp: 4143

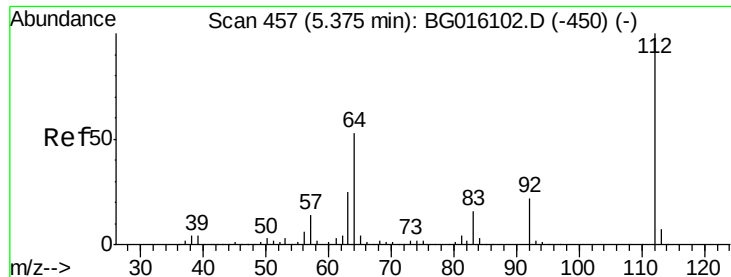
Ion Ratio Lower Upper

42 100

74 218.6 165.3 247.9

44 11.8 5.3 7.9#





#5

2-Fluorophenol

Concen: 130.08 ng

RT: 5.38 min Scan# 459

Delta R.T. 0.01 min

Lab File: BG016141.D

Acq: 26 Mar 2015 15:46

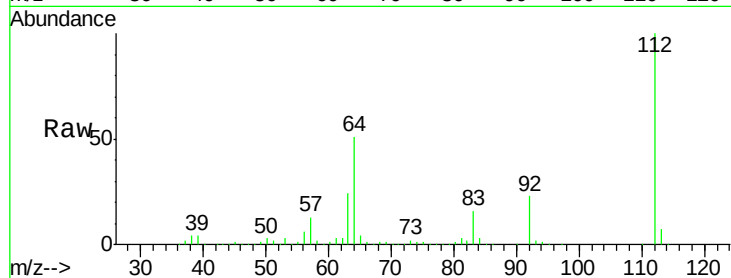
Instrument :

BNA_G

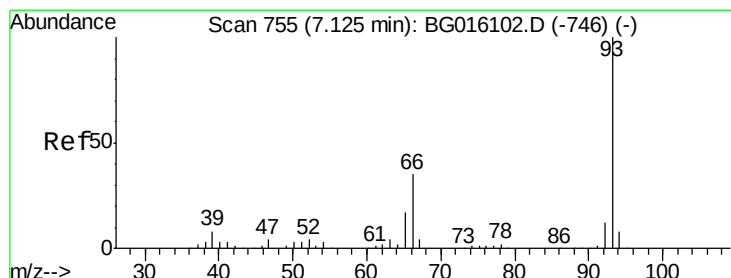
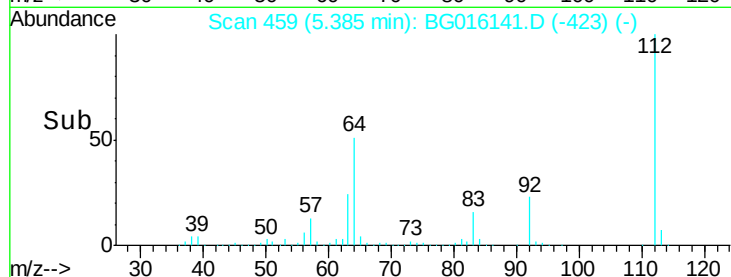
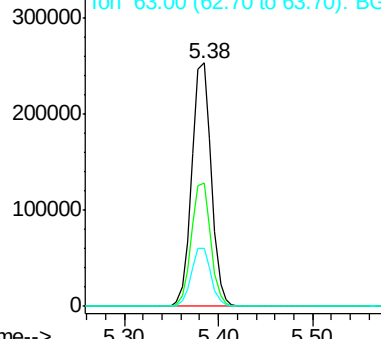
ClientSampleId :

LOD-SOIL2015-01

Tgt Ion:	112	Resp:	366268
Ion	Ratio	Lower	Upper
112	100		
64	50.6	42.6	64.0
63	24.1	19.9	29.9



Abundance Ion 112.00 (111.70 to 112.70): BGC



#6

Aniline

Concen: 3.49 ng

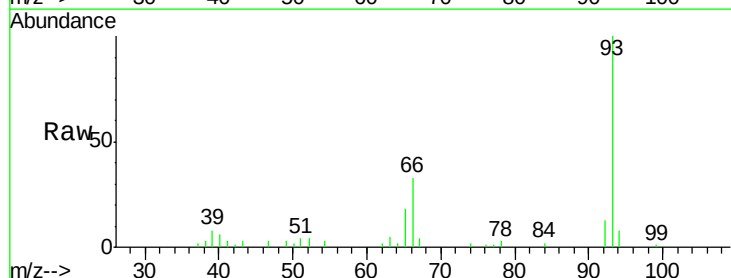
RT: 7.12 min Scan# 755

Delta R.T. 0.00 min

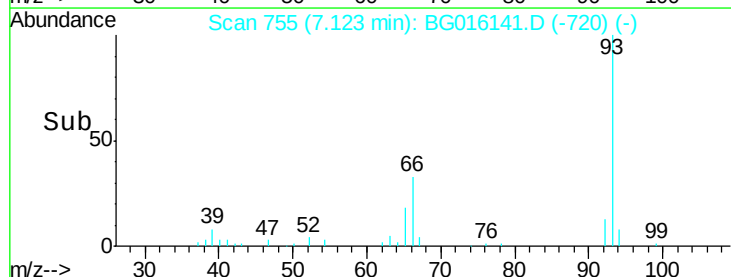
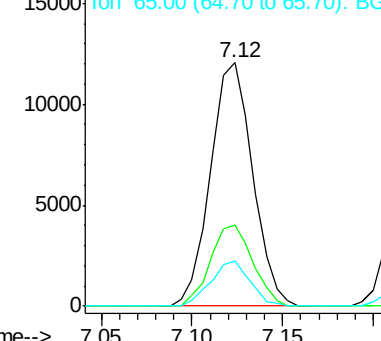
Lab File: BG016141.D

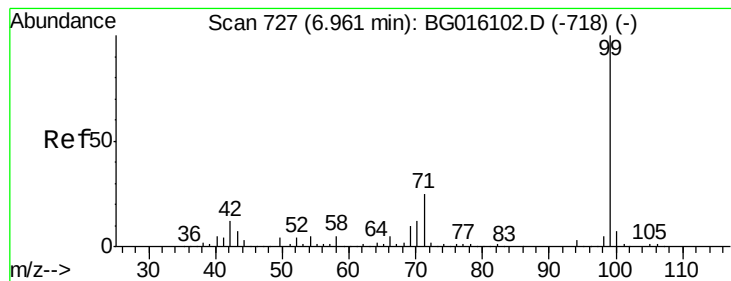
Acq: 26 Mar 2015 15:46

Tgt Ion:	93	Resp:	19491
Ion	Ratio	Lower	Upper
93	100		
66	33.4	27.8	41.6
65	18.4	13.9	20.9



Abundance Ion 93.00 (92.70 to 93.70): BGC





#7

Phenol-d6

Concen: 126.52 ng

RT: 6.96 min Scan# 728

Delta R.T. 0.01 min

Lab File: BG016141.D

Acq: 26 Mar 2015 15:46

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

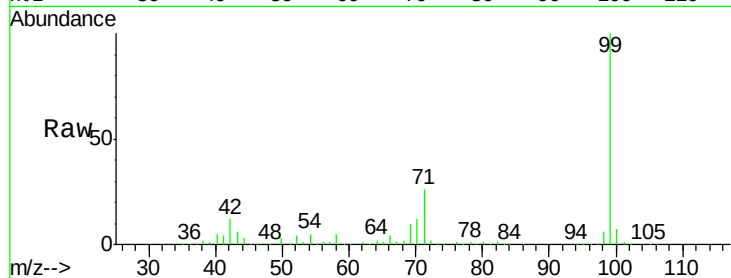
Tgt Ion: 99 Resp: 495865

Ion Ratio Lower Upper

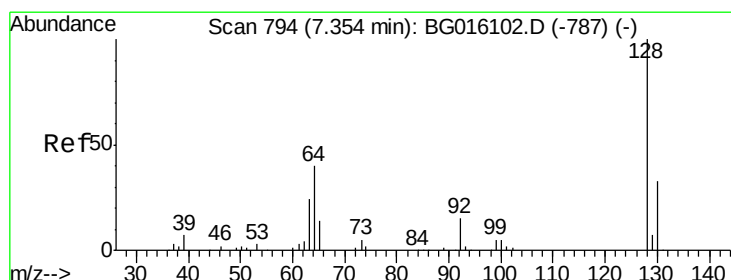
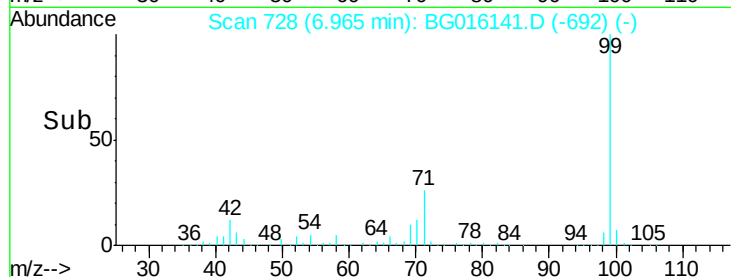
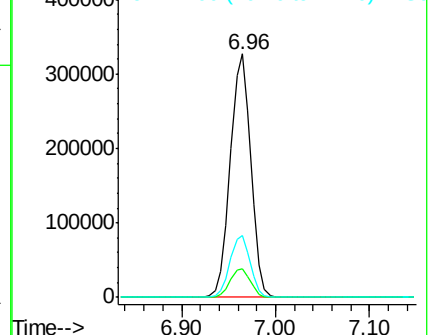
99 100

42 11.9 9.4 14.0

71 25.6 19.9 29.9



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 4.17 ng

RT: 7.36 min Scan# 795

Delta R.T. 0.00 min

Lab File: BG016141.D

Acq: 26 Mar 2015 15:46

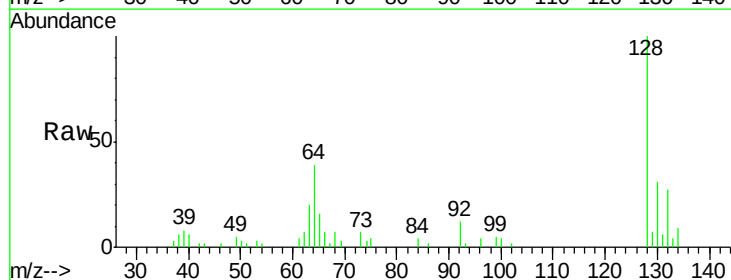
Tgt Ion: 128 Resp: 13938

Ion Ratio Lower Upper

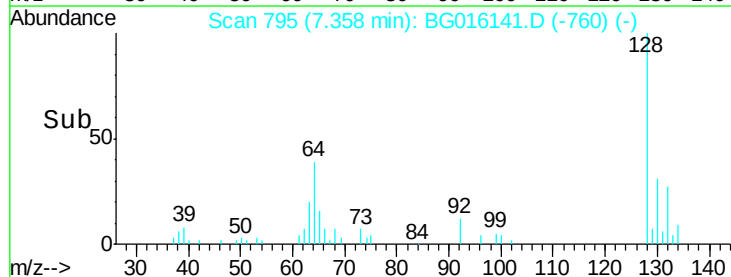
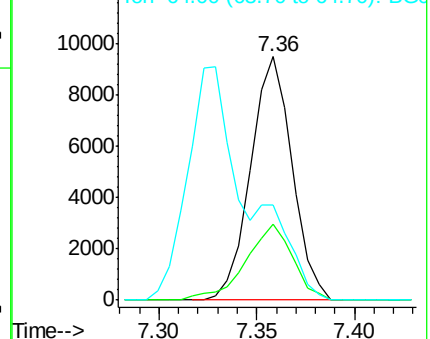
128 100

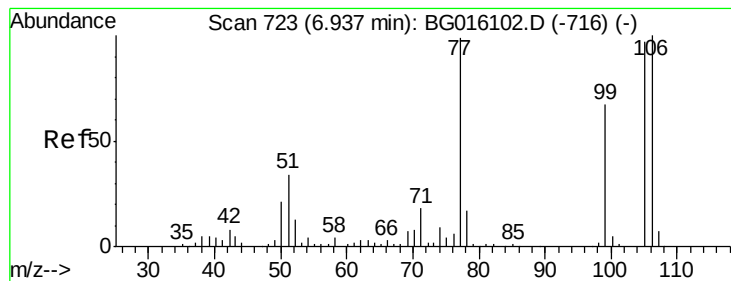
130 31.1 12.5 52.5

64 38.9 23.4 63.4



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 6.58 ng

RT: 6.94 min Scan# 723

Delta R.T. 0.00 min

Lab File: BG016141.D

Acq: 26 Mar 2015 15:46

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

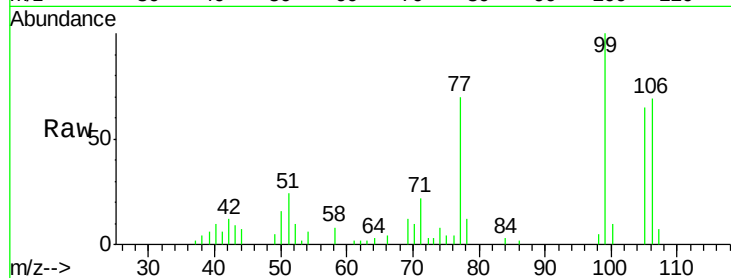
Tgt Ion: 77 Resp: 10769

Ion Ratio Lower Upper

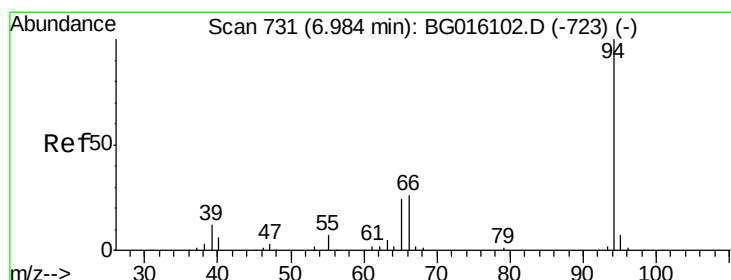
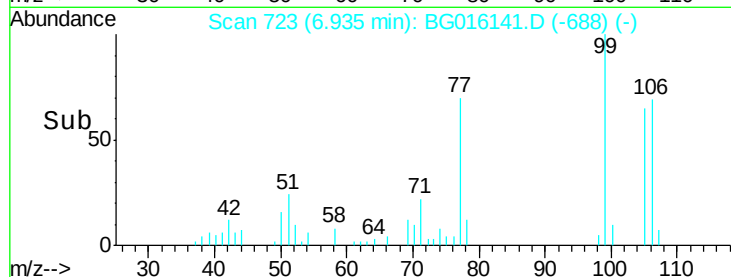
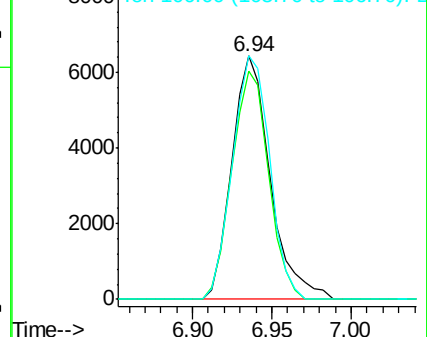
77 100

105 93.5 78.1 118.1

106 100.0 81.0 121.0



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: 4.28 ng

RT: 6.99 min Scan# 732

Delta R.T. 0.00 min

Lab File: BG016141.D

Acq: 26 Mar 2015 15:46

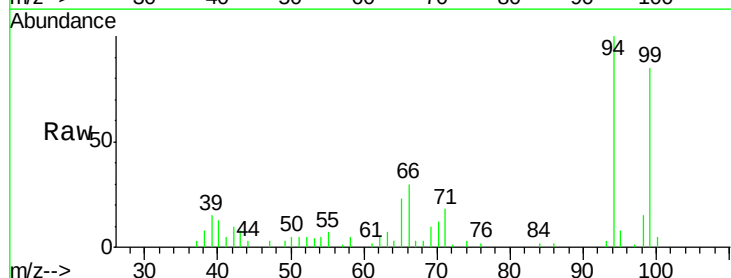
Tgt Ion: 94 Resp: 18449

Ion Ratio Lower Upper

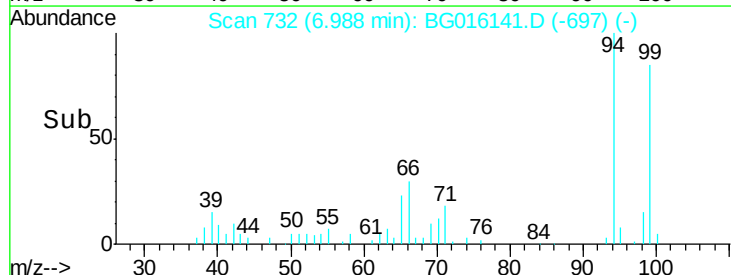
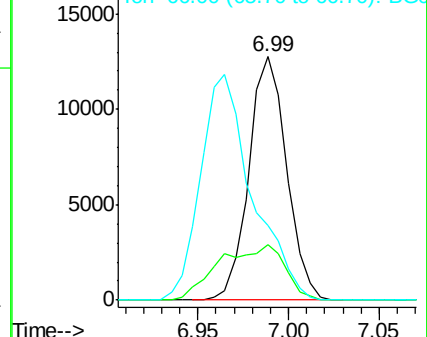
94 100

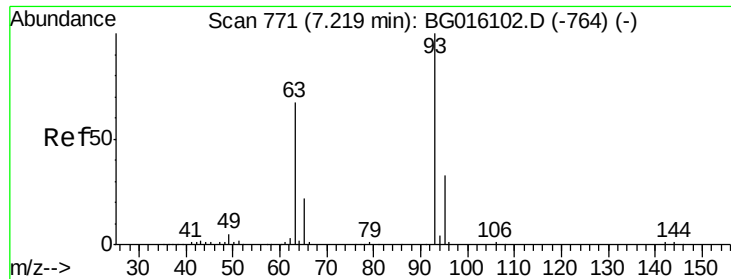
65 22.6 4.0 44.0

66 30.5 7.4 47.4



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: 3.72 ng

RT: 7.22 min Scan# 771

Delta R.T. 0.00 min

Lab File: BG016141.D

Acq: 26 Mar 2015 15:46

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

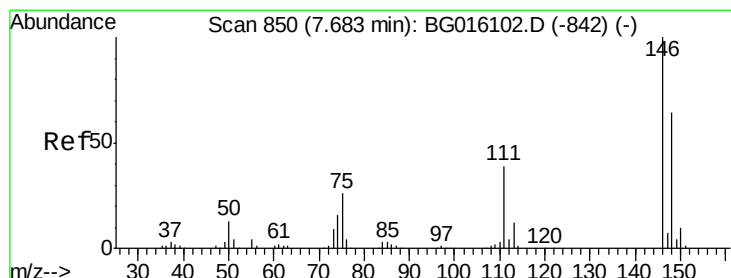
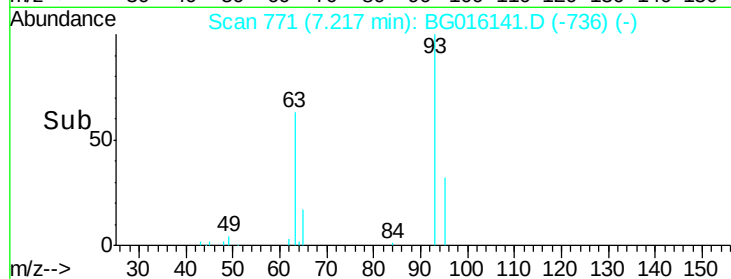
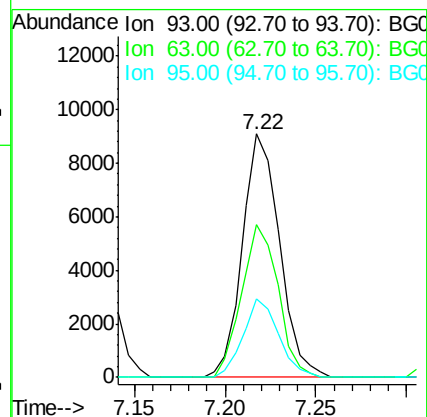
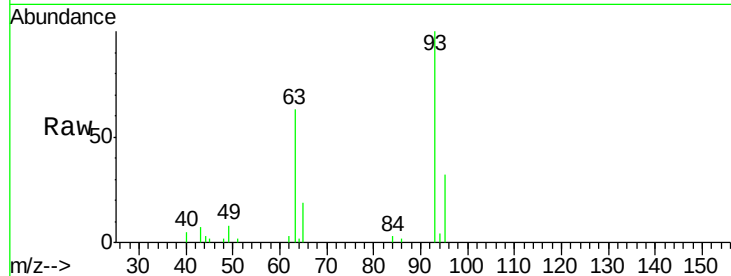
Tgt Ion: 93 Resp: 12980

Ion Ratio Lower Upper

93 100

63 62.9 46.5 86.5

95 32.1 12.5 52.5



#12

1,3-Dichlorobenzene

Concen: 3.74 ng

RT: 7.68 min Scan# 850

Delta R.T. 0.00 min

Lab File: BG016141.D

Acq: 26 Mar 2015 15:46

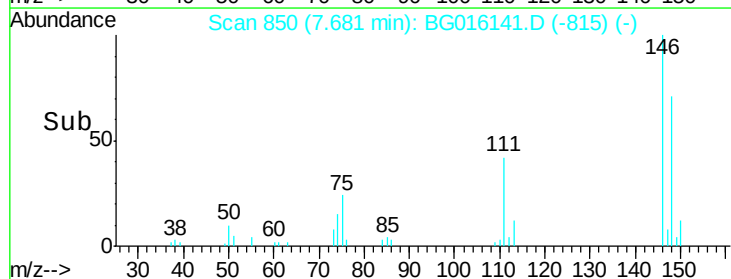
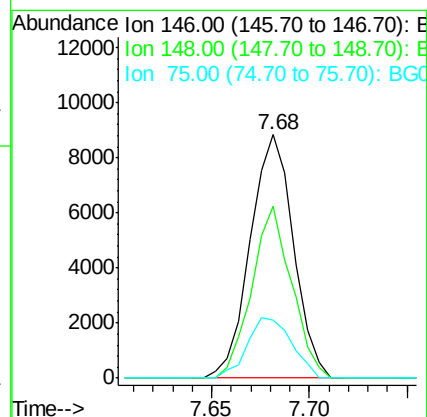
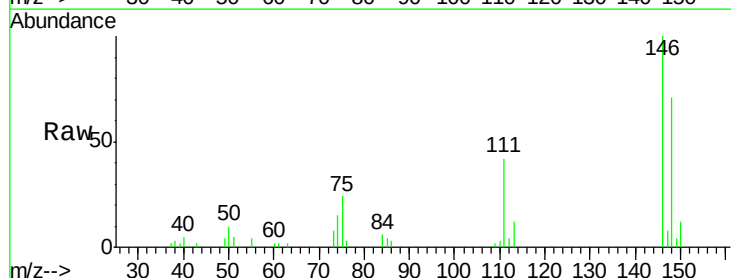
Tgt Ion: 146 Resp: 13500

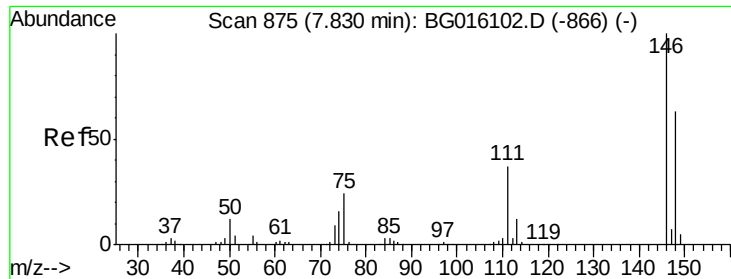
Ion Ratio Lower Upper

146 100

148 70.5 51.2 76.8

75 23.8 20.5 30.7

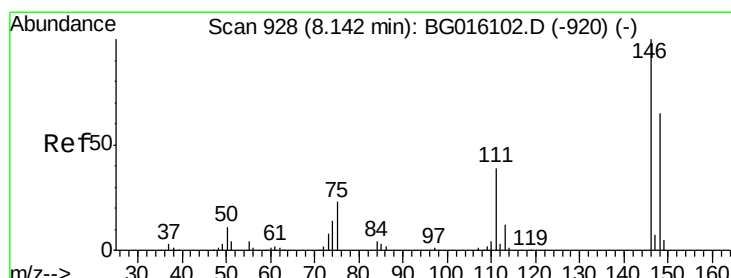
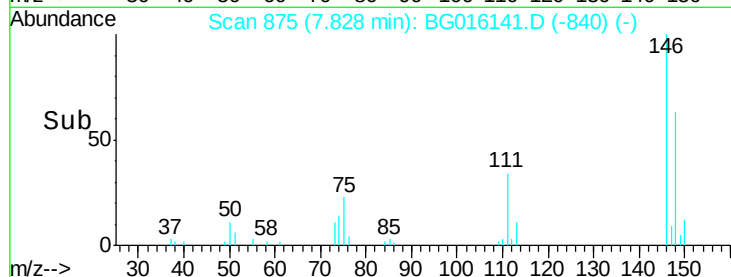
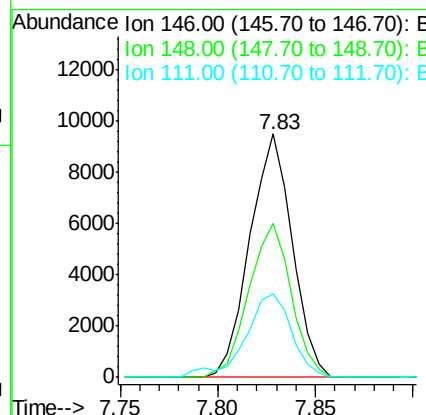
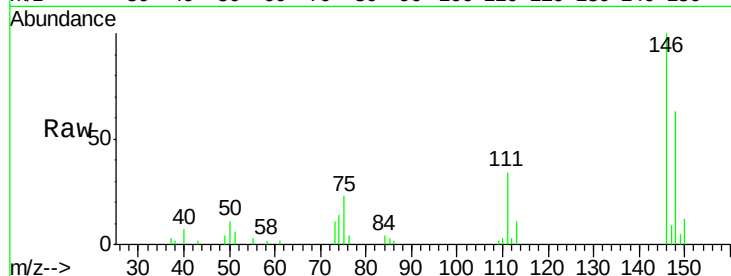




#13
 1,4-Dichlorobenzene
 Concen: 3.80 ng
 RT: 7.83 min Scan# 875
 Delta R.T. 0.00 min
 Lab File: BG016141.D
 Acq: 26 Mar 2015 15:46

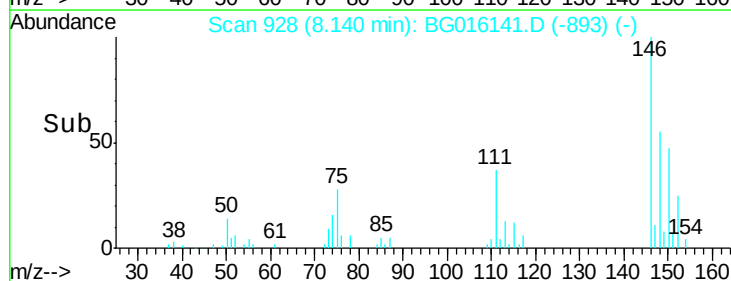
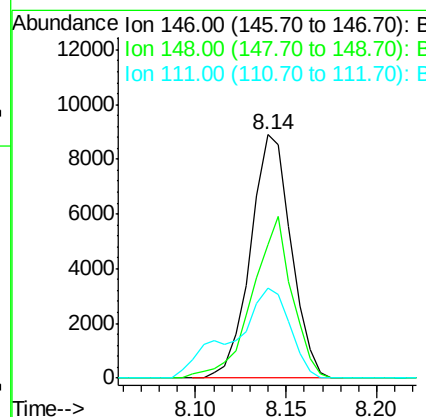
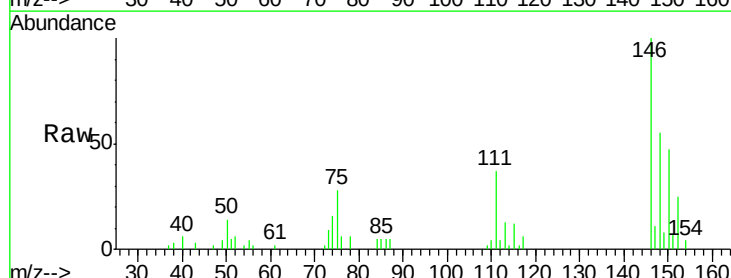
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

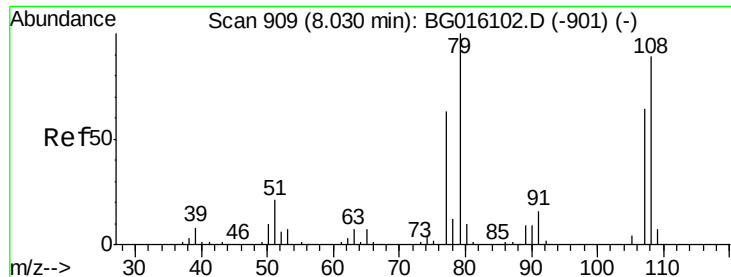
Tgt Ion:146 Resp: 14235
 Ion Ratio Lower Upper
 146 100
 148 63.1 50.3 75.5
 111 34.4 29.5 44.3



#14
 1,2-Dichlorobenzene
 Concen: 3.90 ng
 RT: 8.14 min Scan# 928
 Delta R.T. 0.00 min
 Lab File: BG016141.D
 Acq: 26 Mar 2015 15:46

Tgt Ion:146 Resp: 13797
 Ion Ratio Lower Upper
 146 100
 148 54.8 51.8 77.8
 111 37.2 31.4 47.2





#15

Benzyl Alcohol

Concen: 3.25 ng

RT: 8.03 min Scan# 909

Delta R.T. 0.00 min

Lab File: BG016141.D

Acq: 26 Mar 2015 15:46

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

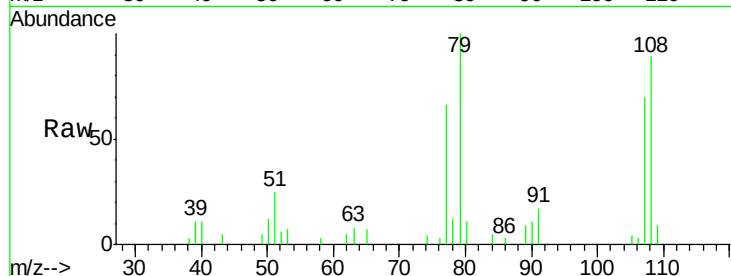
Tgt Ion: 79 Resp: 9404

Ion Ratio Lower Upper

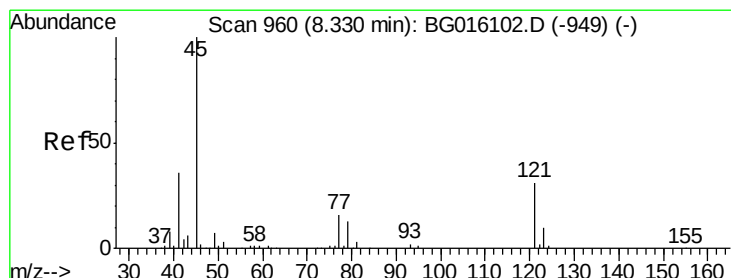
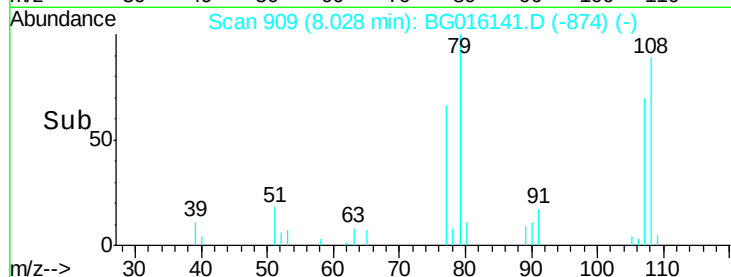
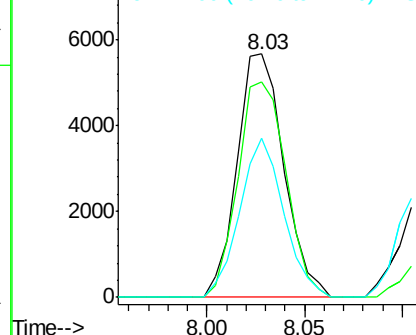
79 100

108 88.7 71.4 107.0

77 65.6 50.1 75.1



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 3.35 ng

RT: 8.32 min Scan# 959

Delta R.T. -0.00 min

Lab File: BG016141.D

Acq: 26 Mar 2015 15:46

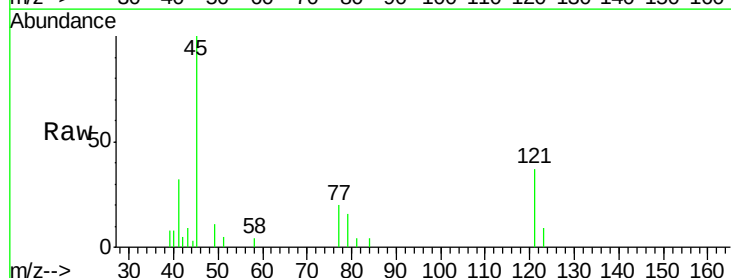
Tgt Ion: 45 Resp: 13158

Ion Ratio Lower Upper

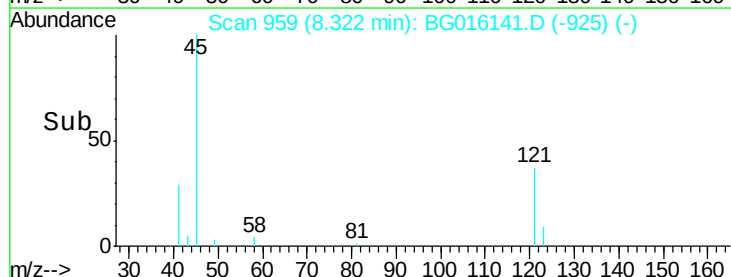
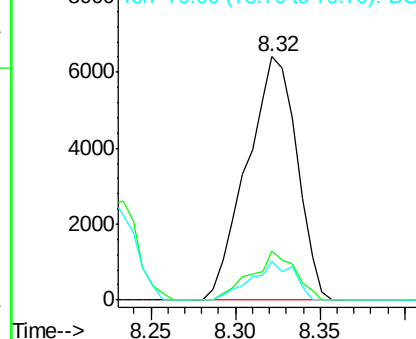
45 100

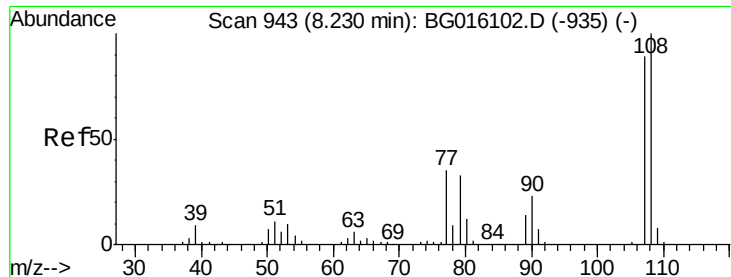
77 20.2 0.0 36.3

79 15.8 0.0 33.3



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

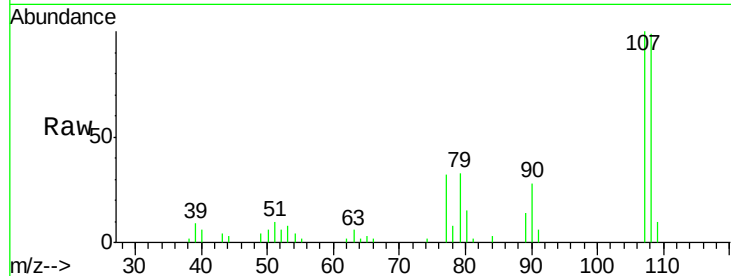




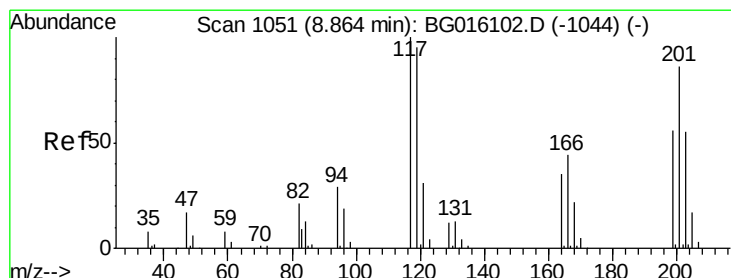
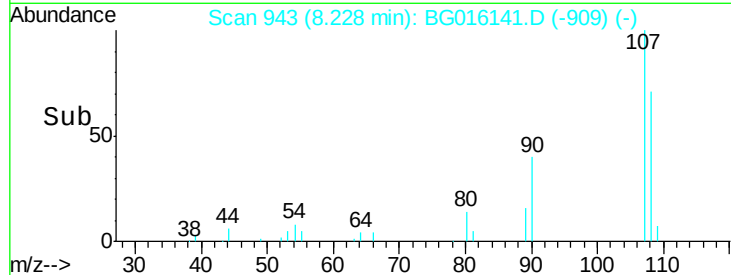
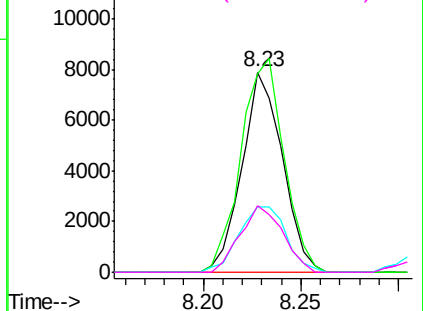
#17
2-Methylphenol
Concen: 3.73 ng
RT: 8.23 min Scan# 943
Delta R.T. -0.00 min
Lab File: BG016141.D
Acq: 26 Mar 2015 15:46

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:	107	Resp:	11327
Ion	Ratio	Lower	Upper
107	100		
108	99.3	89.4	134.2
77	32.5	31.4	47.2
79	33.0	29.8	44.8

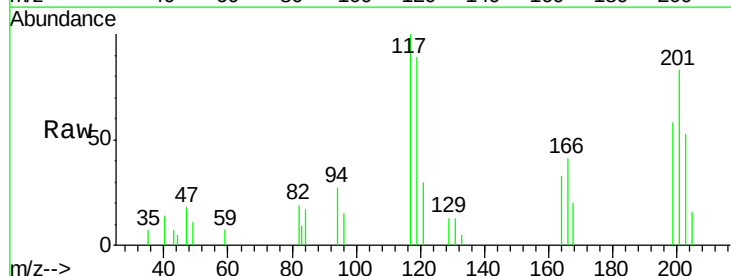


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

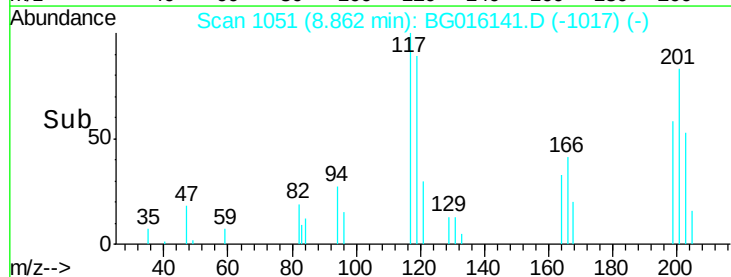
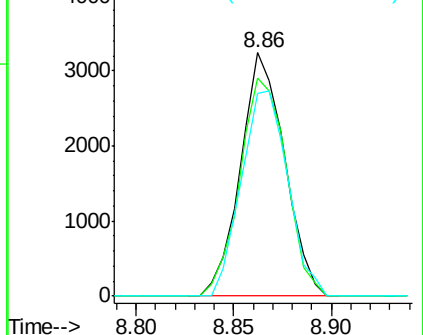


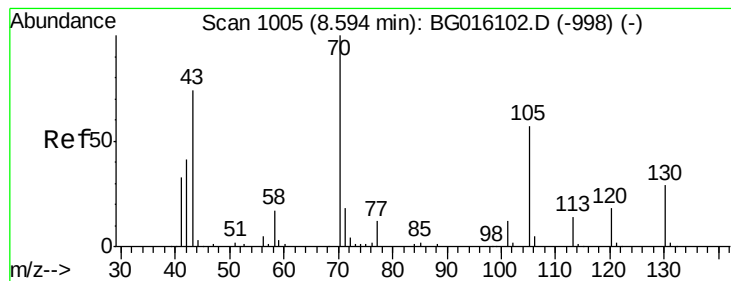
#18
Hexachloroethane
Concen: 3.77 ng
RT: 8.86 min Scan# 1051
Delta R.T. -0.00 min
Lab File: BG016141.D
Acq: 26 Mar 2015 15:46

Tgt Ion:	117	Resp:	5059
Ion	Ratio	Lower	Upper
117	100		
119	89.4	76.4	114.6
201	83.3	68.6	102.8



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





#19

n-Nitroso-di-n-propylamine

Concen: 3.16 ng

RT: 8.59 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BG016141.D

Acq: 26 Mar 2015 15:46

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

Tgt Ion: 70 Resp: 9068

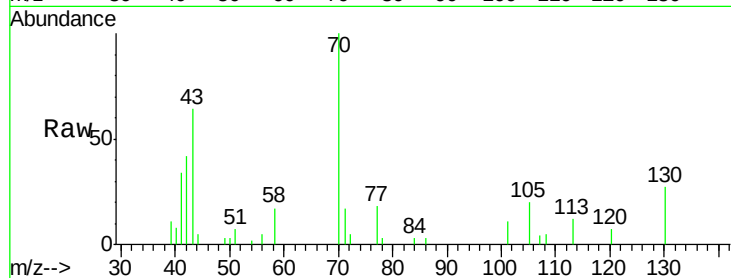
Ion Ratio Lower Upper

70 100

42 41.8 33.4 50.2

101 11.4 9.6 14.4

130 27.4 23.3 34.9

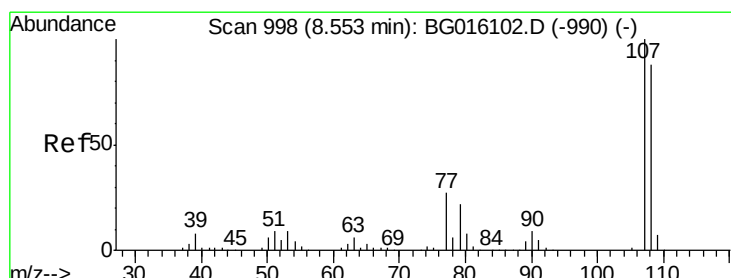
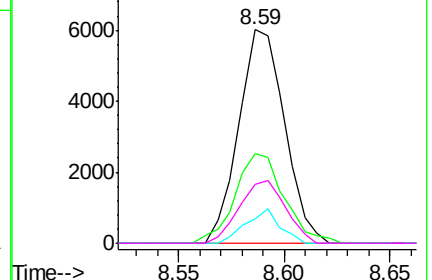
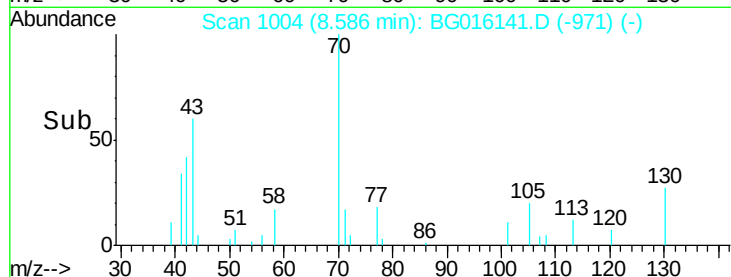


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 3.63 ng

RT: 8.56 min Scan# 999

Delta R.T. 0.00 min

Lab File: BG016141.D

Acq: 26 Mar 2015 15:46

Tgt Ion: 107 Resp: 14955

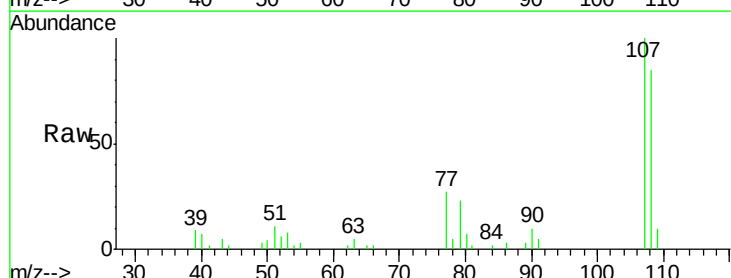
Ion Ratio Lower Upper

107 100

108 84.8 68.4 108.4

77 26.9 6.9 46.9

79 22.8 2.3 42.3

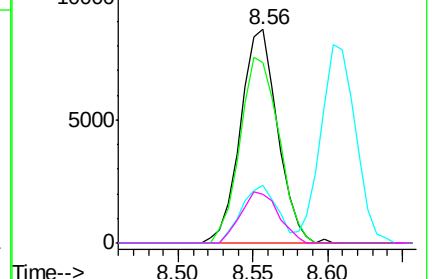
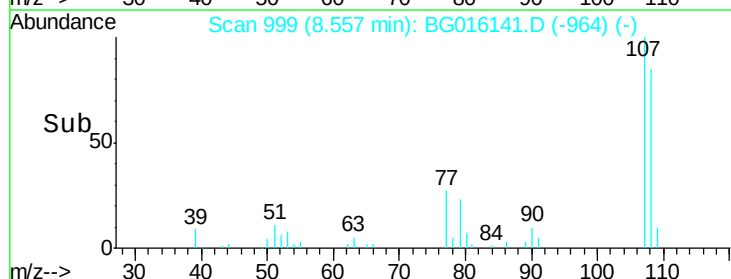


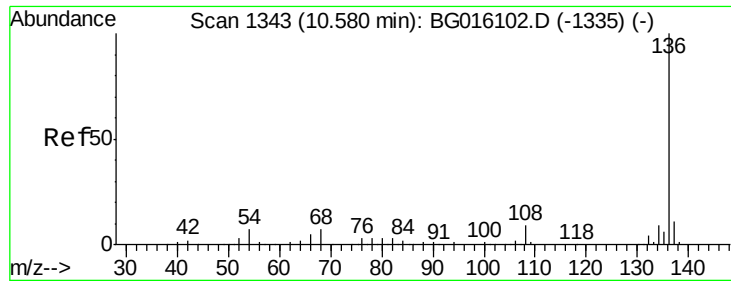
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

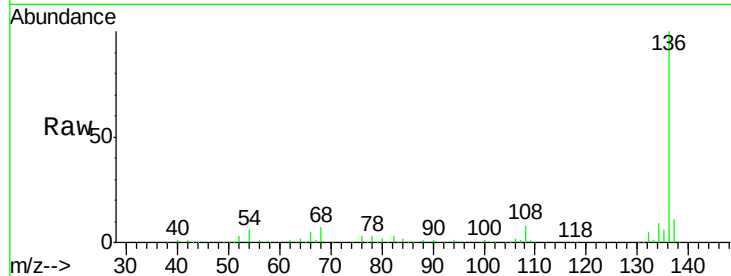




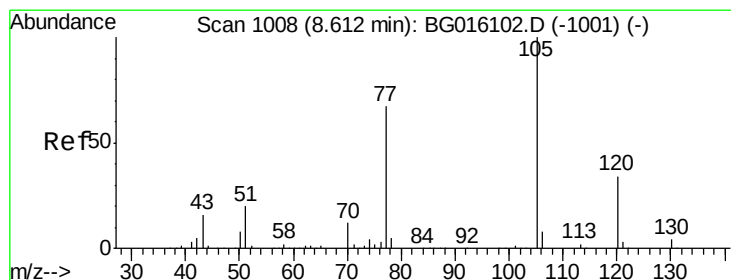
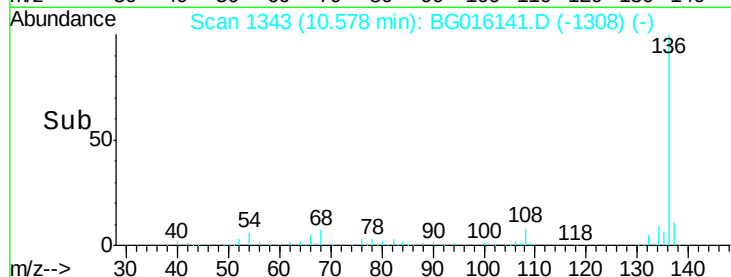
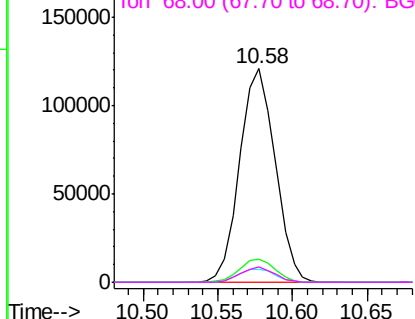
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.58 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BG016141.D
Acq: 26 Mar 2015 15:46

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:	136	Resp:	198997
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.4
54	6.1	5.5	8.3
68	7.0	6.0	9.0

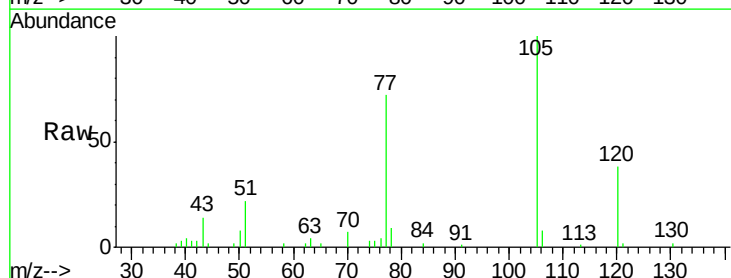


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

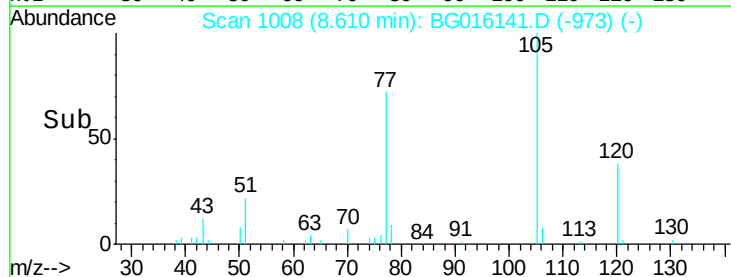
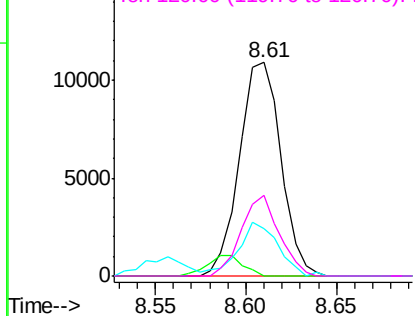


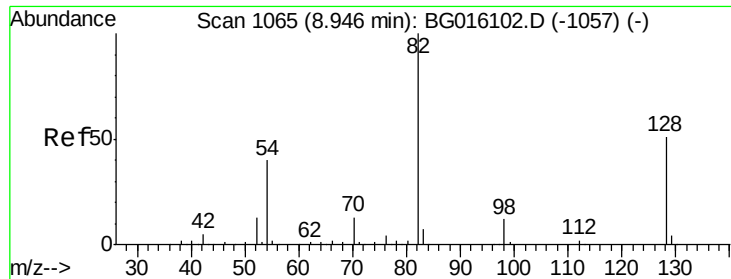
#22
Acetophenone
Concen: 3.88 ng
RT: 8.61 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BG016141.D
Acq: 26 Mar 2015 15:46

Tgt Ion:	105	Resp:	17350
Ion	Ratio	Lower	Upper
105	100		
71	0.0	2.2	3.2#
51	22.1	17.9	26.9
120	37.9	27.0	40.4



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

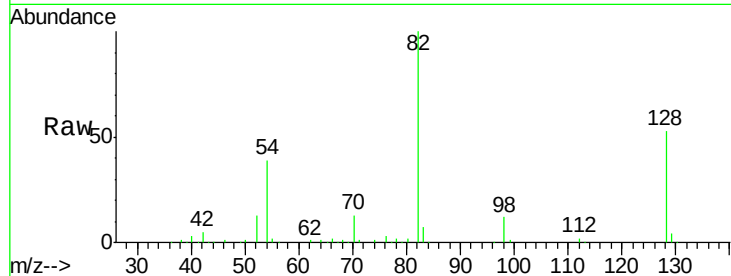




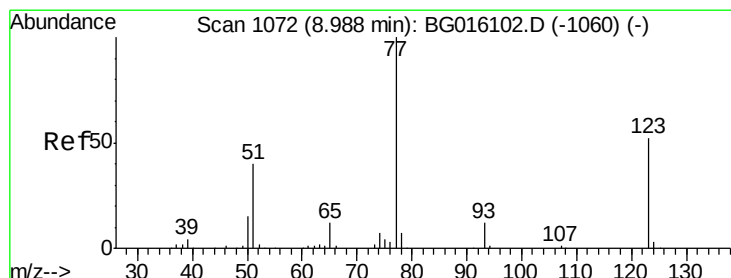
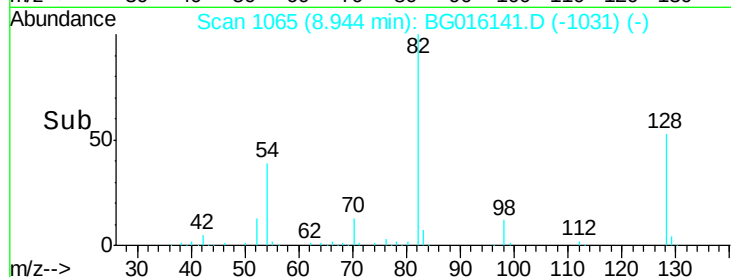
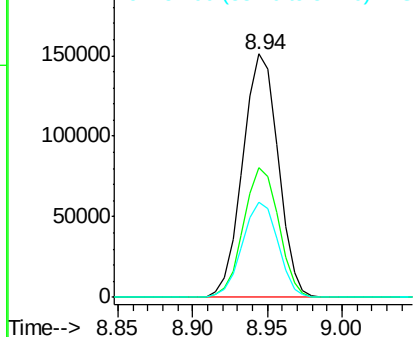
#23
 Nitrobenzene-d5
 Concen: 77.44 ng
 RT: 8.94 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: BG016141.D
 Acq: 26 Mar 2015 15:46

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

Tgt Ion: 82 Resp: 248544
 Ion Ratio Lower Upper
 82 100
 128 53.1 40.4 60.6
 54 39.1 32.1 48.1

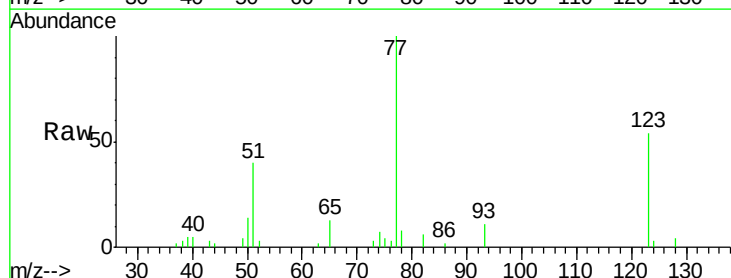


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

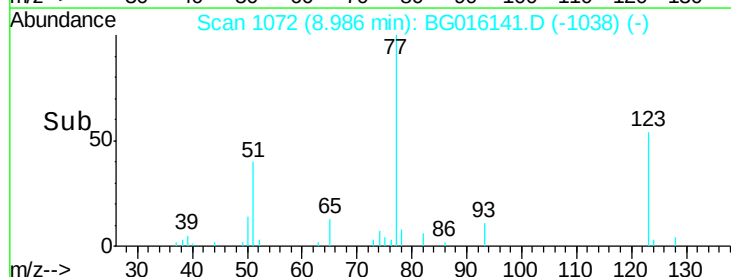
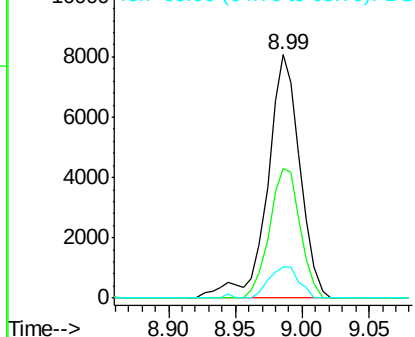


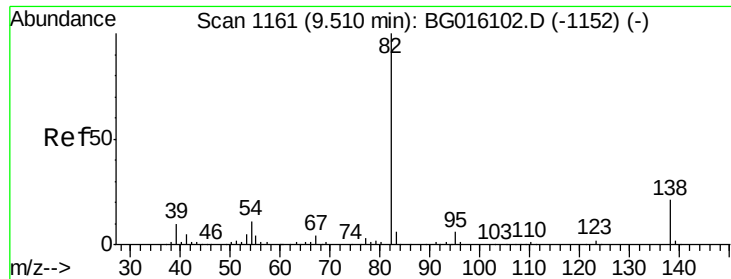
#24
 Nitrobenzene
 Concen: 3.93 ng
 RT: 8.99 min Scan# 1072
 Delta R.T. -0.00 min
 Lab File: BG016141.D
 Acq: 26 Mar 2015 15:46

Tgt Ion: 77 Resp: 13565
 Ion Ratio Lower Upper
 77 100
 123 53.5 41.4 62.0
 65 12.8 9.7 14.5



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





#25

Isophorone

Concen: 3.28 ng

RT: 9.50 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BG016141.D

Acq: 26 Mar 2015 15:46

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

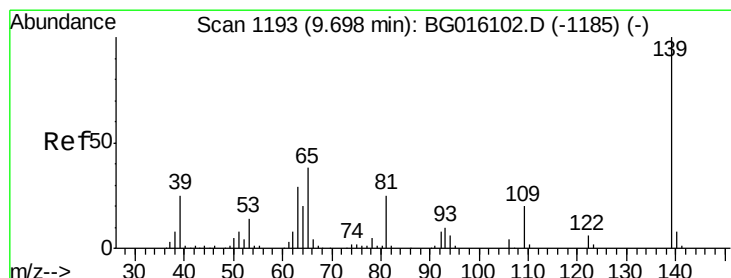
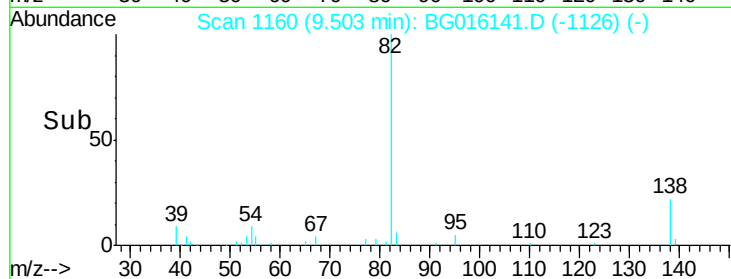
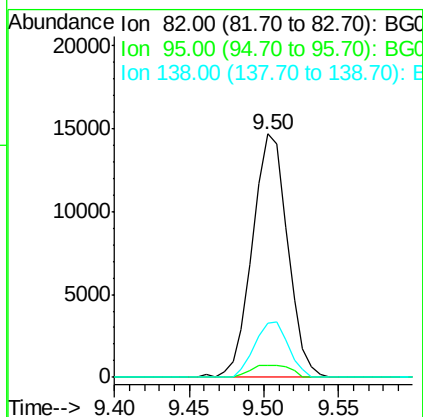
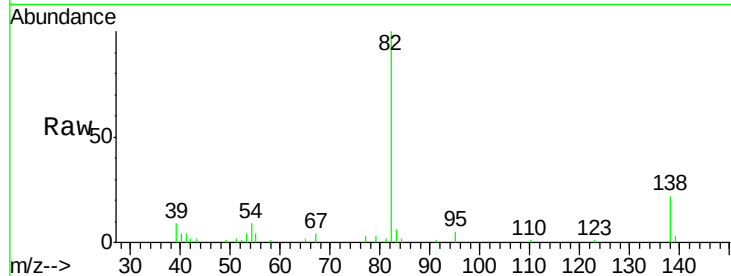
Tgt Ion: 82 Resp: 23894

Ion Ratio Lower Upper

82 100

95 5.0 4.6 6.8

138 22.3 17.1 25.7



#26

2-Nitrophenol

Concen: 3.34 ng

RT: 9.69 min Scan# 1192

Delta R.T. -0.00 min

Lab File: BG016141.D

Acq: 26 Mar 2015 15:46

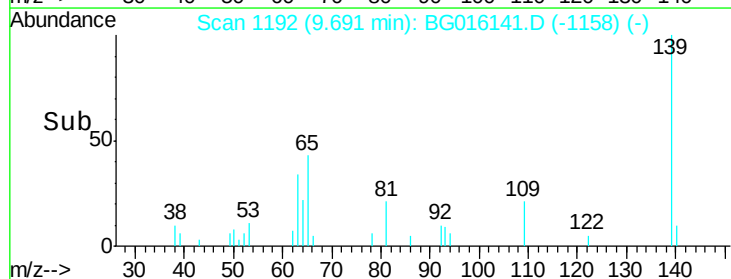
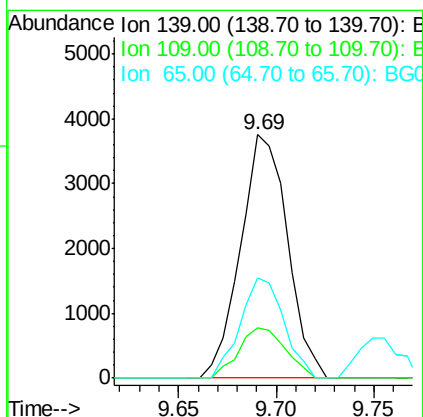
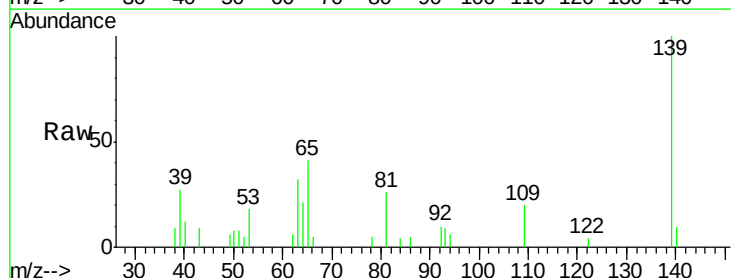
Tgt Ion: 139 Resp: 6252

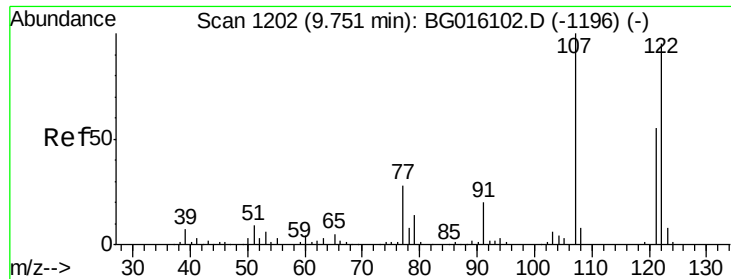
Ion Ratio Lower Upper

139 100

109 20.5 15.7 23.5

65 41.0 30.1 45.1

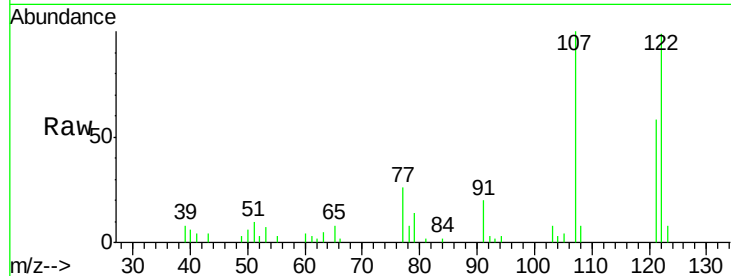




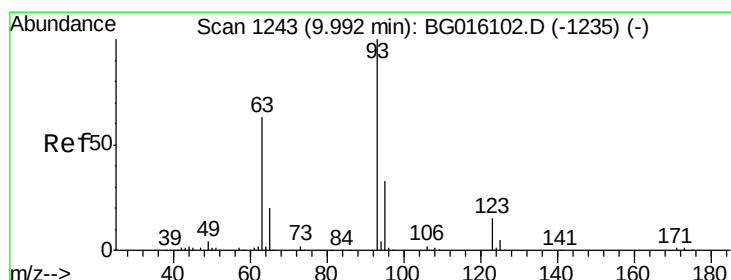
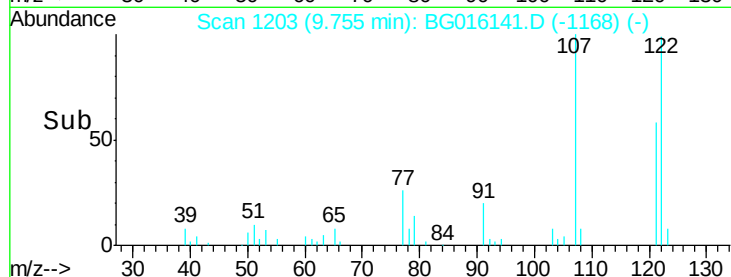
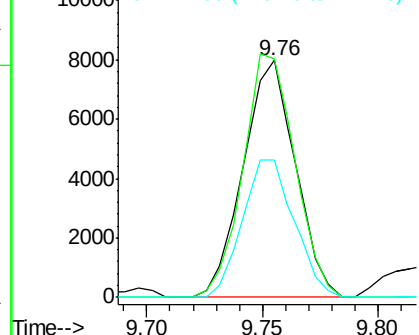
#27
 2,4-Dimethylphenol
 Concen: 3.99 ng
 RT: 9.76 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BG016141.D
 Acq: 26 Mar 2015 15:46

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

Tgt Ion: 122 Resp: 12526
 Ion Ratio Lower Upper
 122 100
 107 100.8 83.6 125.4
 121 58.1 45.6 68.4

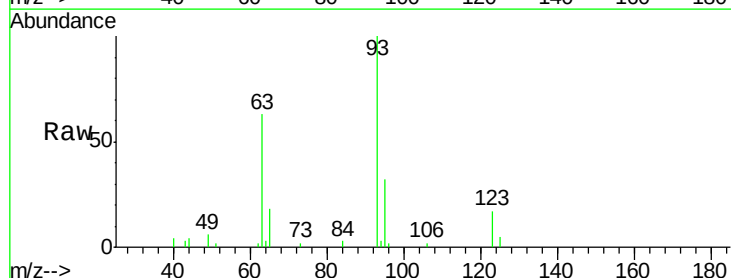


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

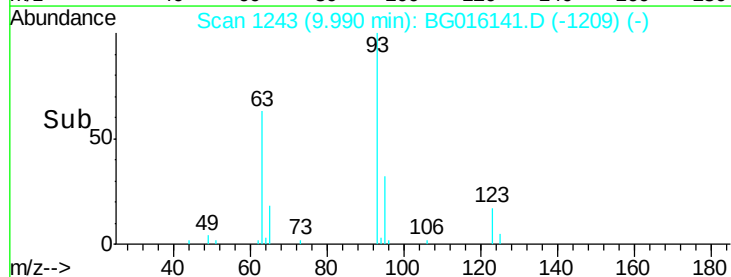
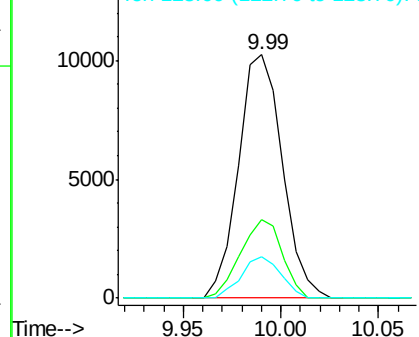


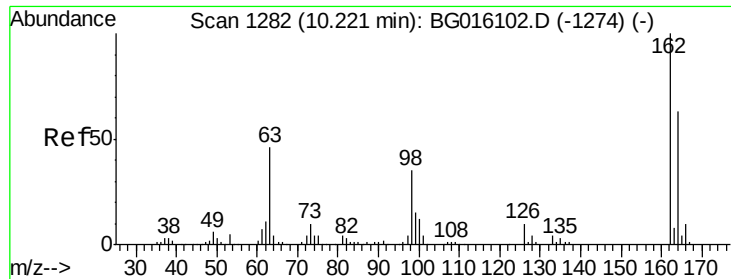
#28
 bis(2-Chloroethoxy)methane
 Concen: 3.81 ng
 RT: 9.99 min Scan# 1243
 Delta R.T. -0.00 min
 Lab File: BG016141.D
 Acq: 26 Mar 2015 15:46

Tgt Ion: 93 Resp: 15934
 Ion Ratio Lower Upper
 93 100
 95 32.1 26.4 39.6
 123 16.8 12.3 18.5



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E

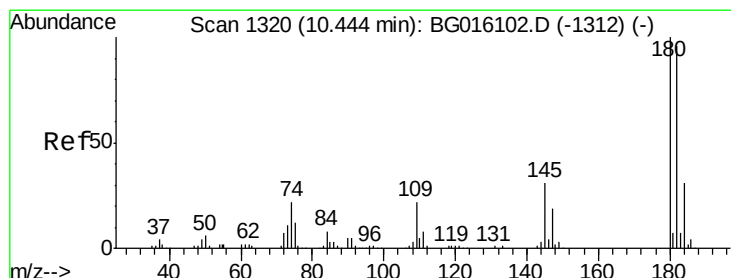
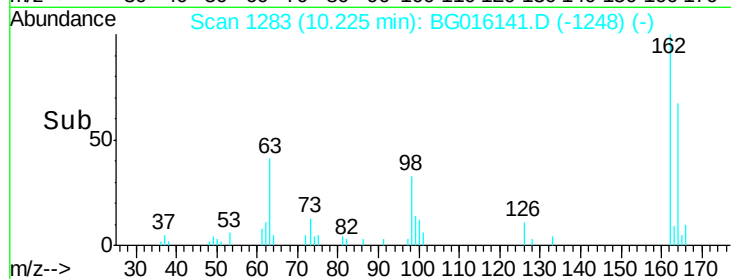
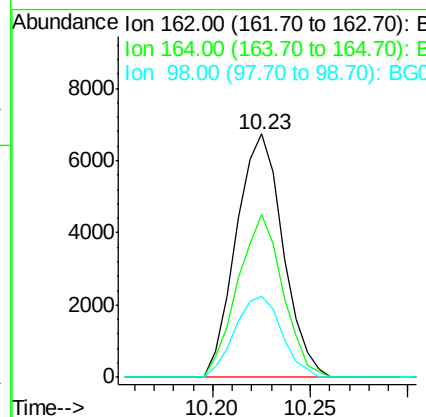
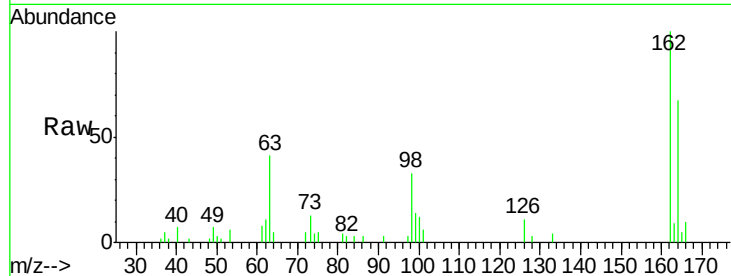




#29
2,4-Dichlorophenol
Concen: 4.04 ng
RT: 10.23 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BG016141.D
Acq: 26 Mar 2015 15:46

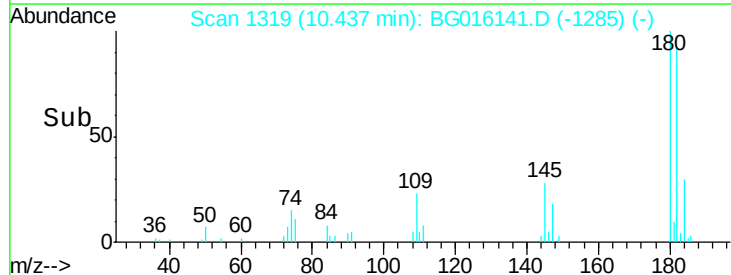
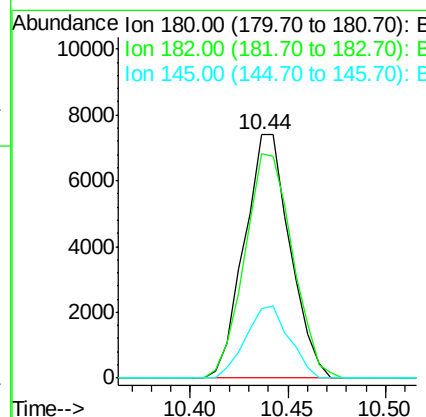
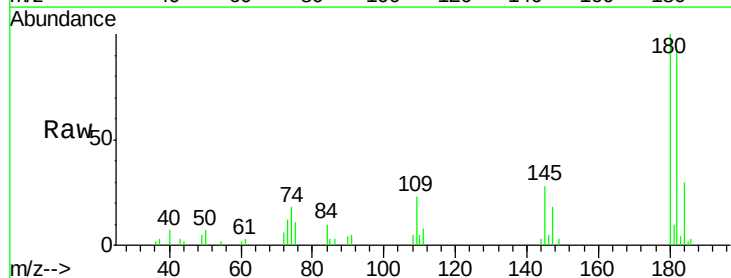
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

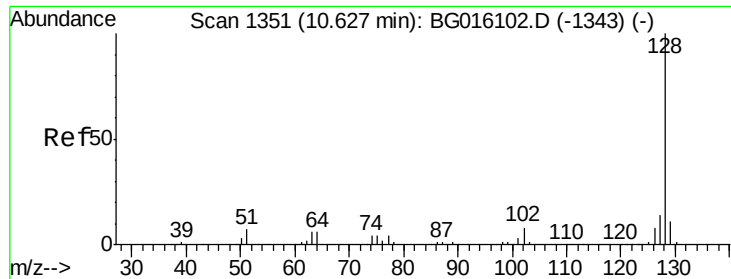
Tgt Ion:162 Resp: 11145
Ion Ratio Lower Upper
162 100
164 67.1 43.5 83.5
98 33.4 14.8 54.8



#30
1,2,4-Trichlorobenzene
Concen: 4.04 ng
RT: 10.44 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BG016141.D
Acq: 26 Mar 2015 15:46

Tgt Ion:180 Resp: 12009
Ion Ratio Lower Upper
180 100
182 92.4 76.8 115.2
145 28.3 24.8 37.2

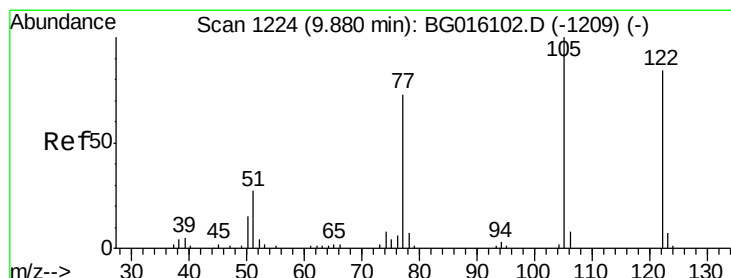
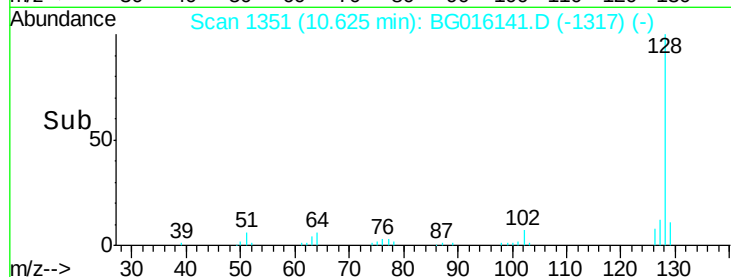
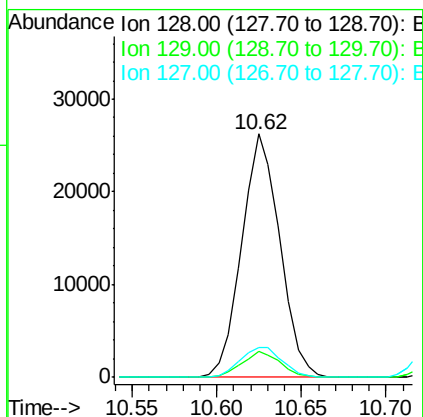
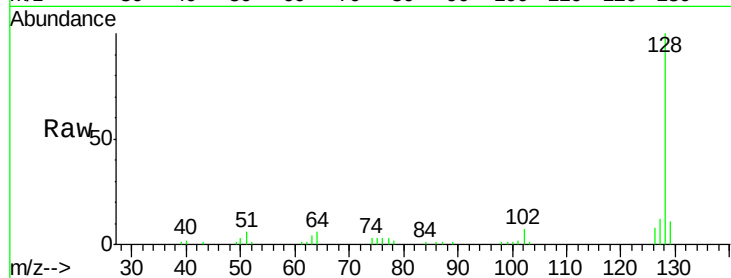




#31
Naphthalene
Concen: 3.85 ng
RT: 10.62 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BG016141.D
Acq: 26 Mar 2015 15:46

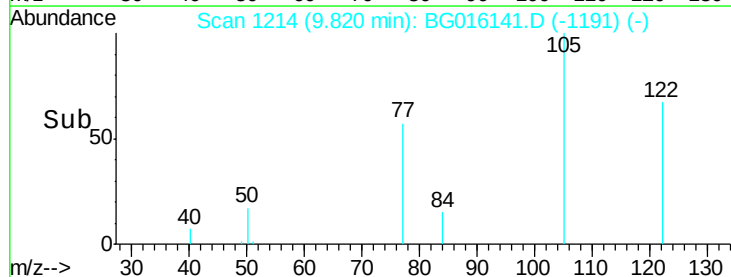
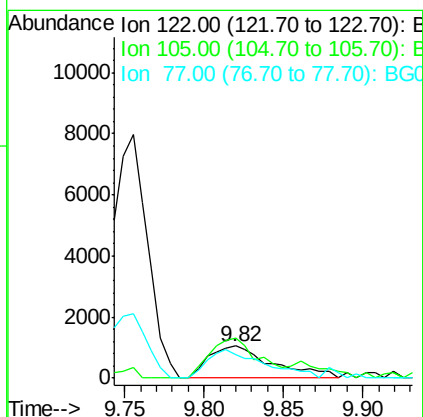
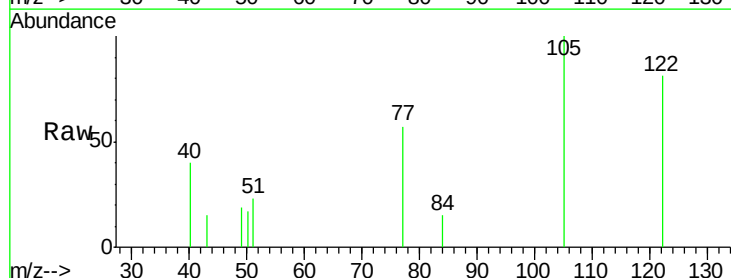
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

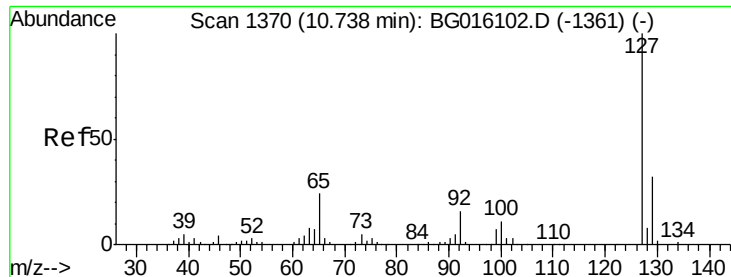
Tgt Ion:128 Resp: 41061
Ion Ratio Lower Upper
128 100
129 10.7 9.2 13.8
127 12.2 10.9 16.3



#32
Benzoic acid
Concen: 6.55 ng
RT: 9.82 min Scan# 1214
Delta R.T. -0.07 min
Lab File: BG016141.D
Acq: 26 Mar 2015 15:46

Tgt Ion:122 Resp: 2954
Ion Ratio Lower Upper
122 100
105 123.8 97.2 137.2
77 71.1 65.0 105.0

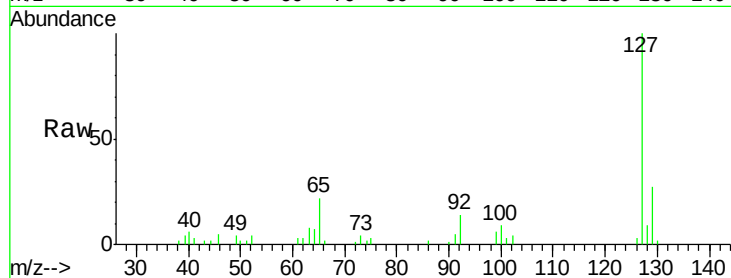




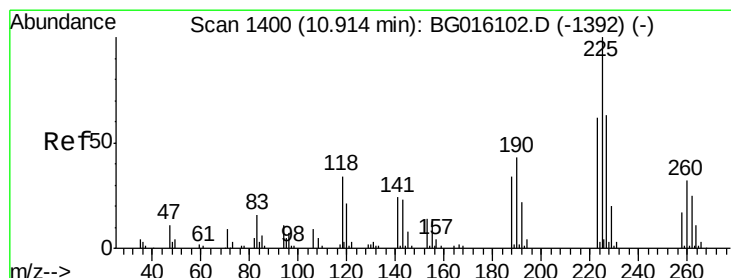
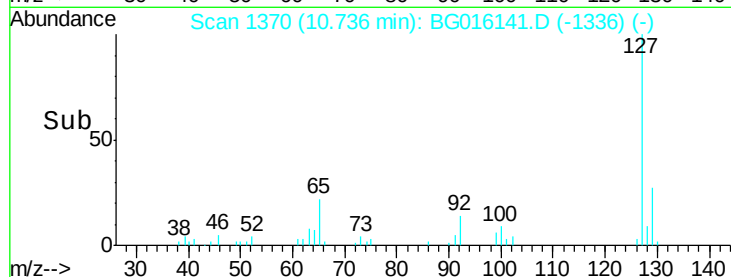
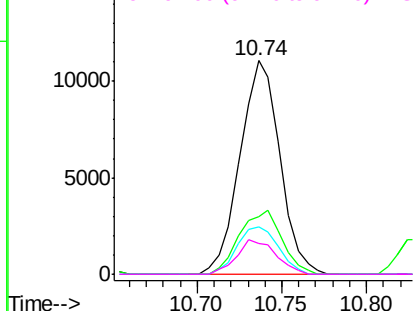
#33
4-Chloroaniline
Concen: 3.89 ng
RT: 10.74 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BG016141.D
Acq: 26 Mar 2015 15:46

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:	127	Resp:	18141
Ion	Ratio	Lower	Upper
127	100		
129	27.1	25.3	37.9
65	22.1	19.5	29.3
92	14.3	13.1	19.7

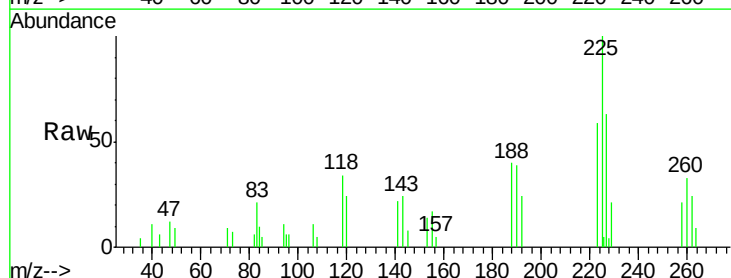


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

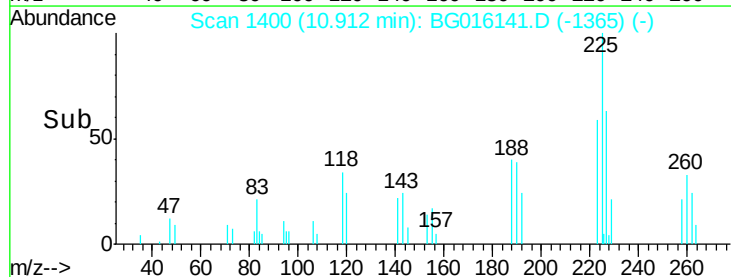
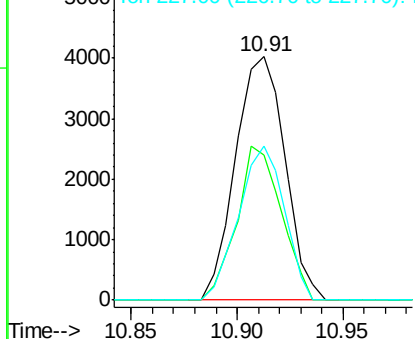


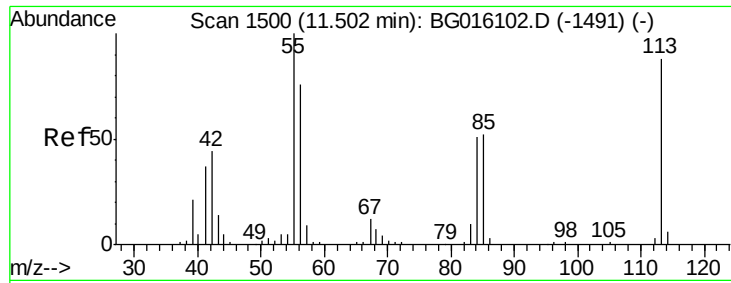
#34
Hexachlorobutadiene
Concen: 4.05 ng
RT: 10.91 min Scan# 1400
Delta R.T. 0.00 min
Lab File: BG016141.D
Acq: 26 Mar 2015 15:46

Tgt Ion:	225	Resp:	6544
Ion	Ratio	Lower	Upper
225	100		
223	59.4	49.5	74.3
227	63.2	50.4	75.6



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





#35

Caprolactam

Concen: 3.23 ng

RT: 11.48 min Scan# 1497

Delta R.T. -0.03 min

Lab File: BG016141.D

Acq: 26 Mar 2015 15:46

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

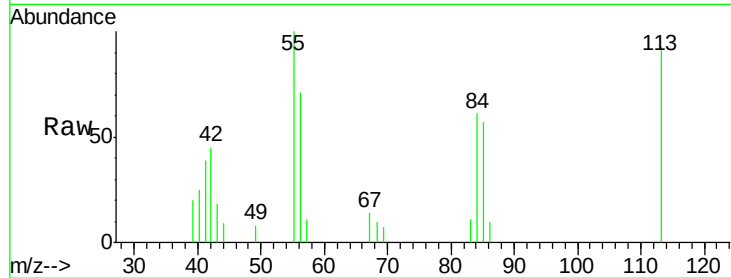
Tgt Ion:113 Resp: 4842

Ion Ratio Lower Upper

113 100

55 107.9 93.9 133.9

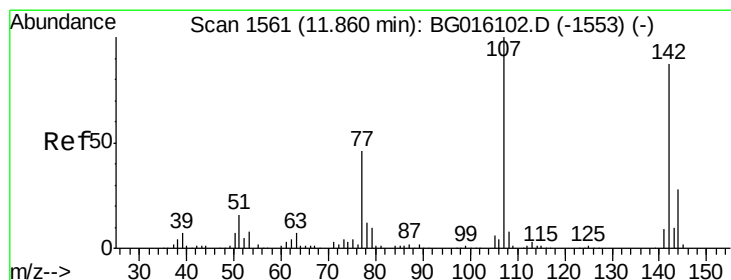
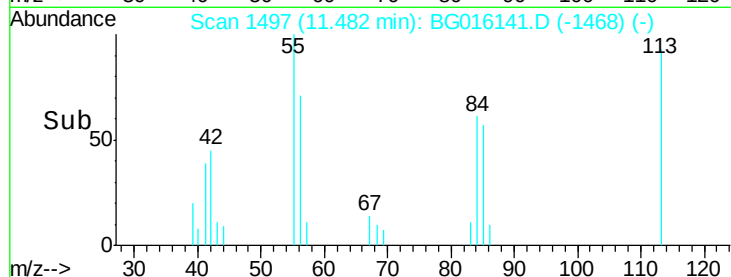
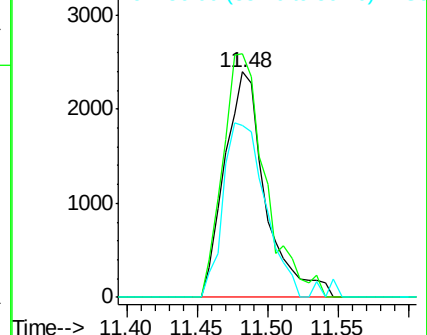
56 76.3 67.1 107.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 3.81 ng

RT: 11.86 min Scan# 1561

Delta R.T. -0.00 min

Lab File: BG016141.D

Acq: 26 Mar 2015 15:46

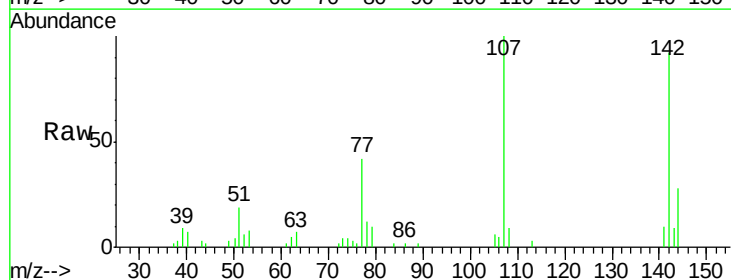
Tgt Ion:107 Resp: 12390

Ion Ratio Lower Upper

107 100

144 28.1 22.7 34.1

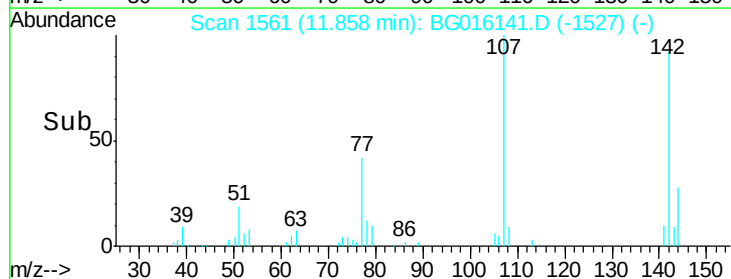
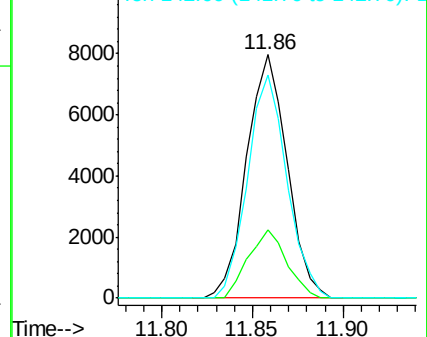
142 91.9 69.7 104.5

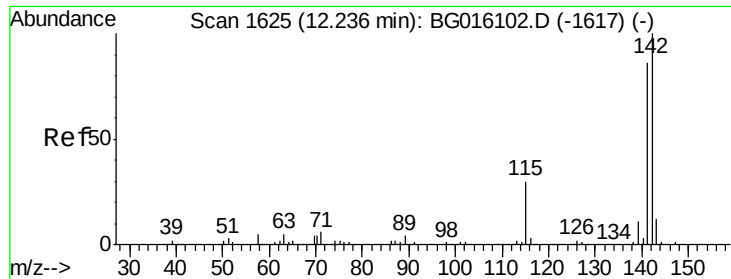


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

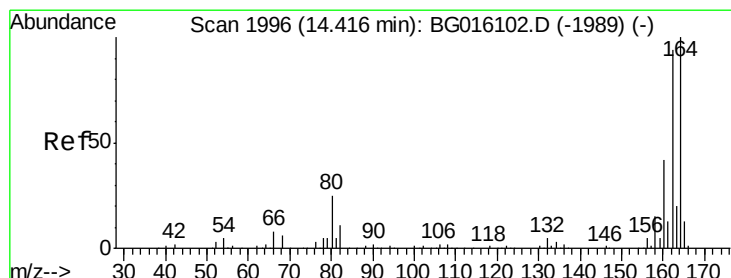
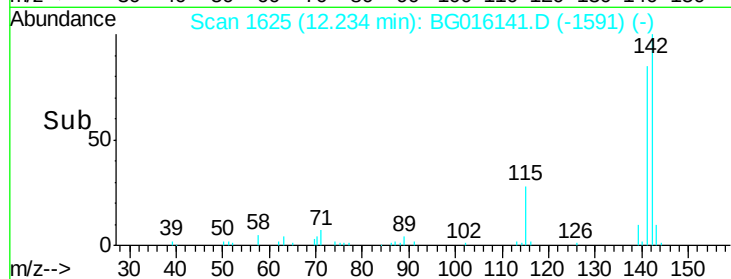
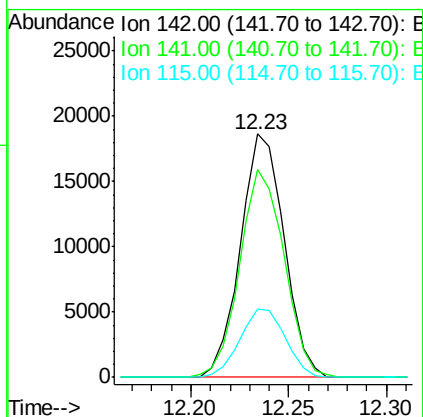
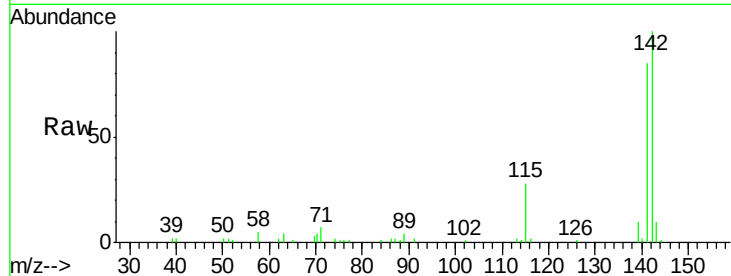




#37
2-Methylnaphthalene
Concen: 3.79 ng
RT: 12.23 min Scan# 1625
Delta R.T. -0.00 min
Lab File: BG016141.D
Acq: 26 Mar 2015 15:46

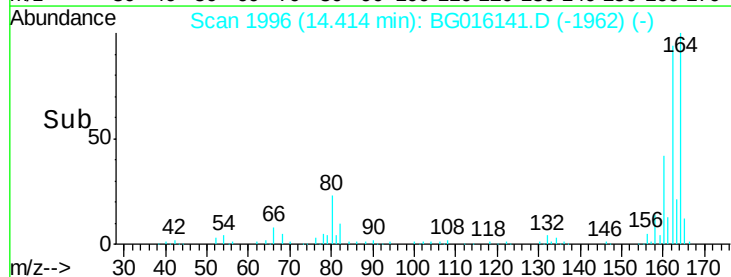
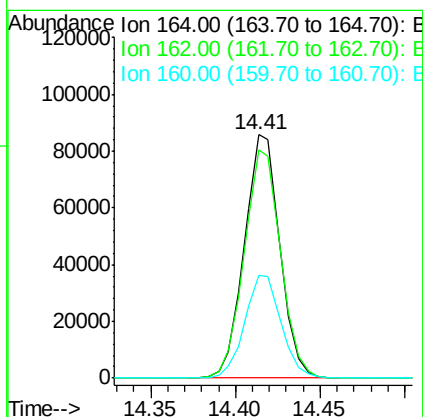
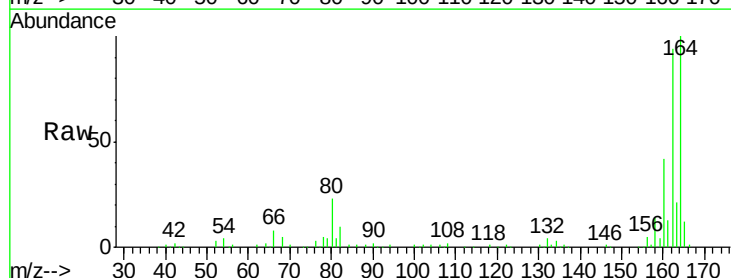
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

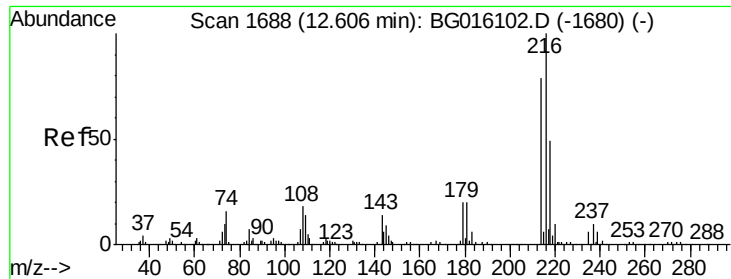
Tgt Ion:142 Resp: 28885
Ion Ratio Lower Upper
142 100
141 85.2 68.6 103.0
115 27.8 24.0 36.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.41 min Scan# 1996
Delta R.T. -0.00 min
Lab File: BG016141.D
Acq: 26 Mar 2015 15:46

Tgt Ion:164 Resp: 124913
Ion Ratio Lower Upper
164 100
162 93.8 75.2 112.8
160 42.3 33.9 50.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 4.03 ng

RT: 12.60 min Scan# 1688

Delta R.T. -0.00 min

Lab File: BG016141.D

Acq: 26 Mar 2015 15:46

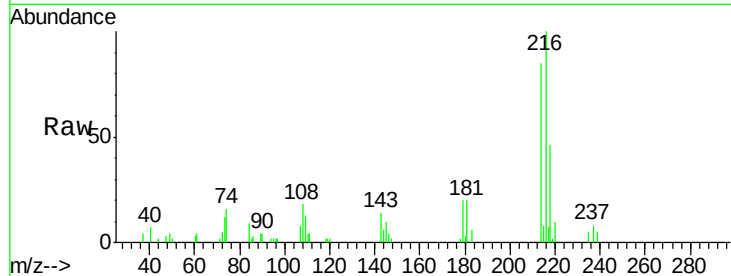
Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

Tgt Ion:	216	Resp:	12667
Ion	Ratio	Lower	Upper
216	100		
214	81.1	63.0	94.6
179	19.6	15.4	23.2
108	17.9	15.8	23.6

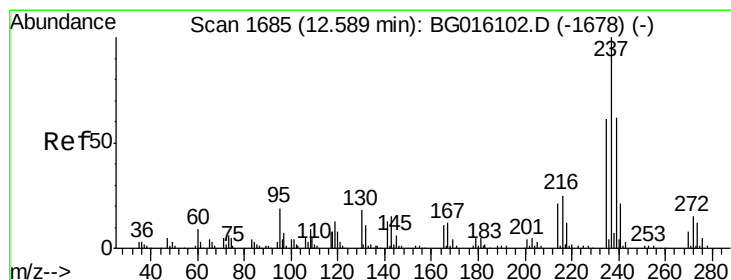
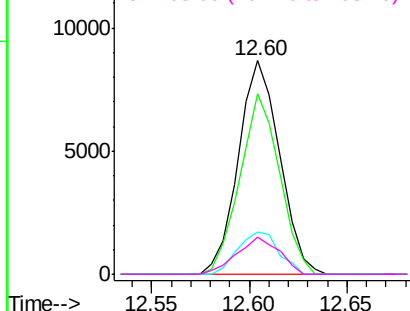
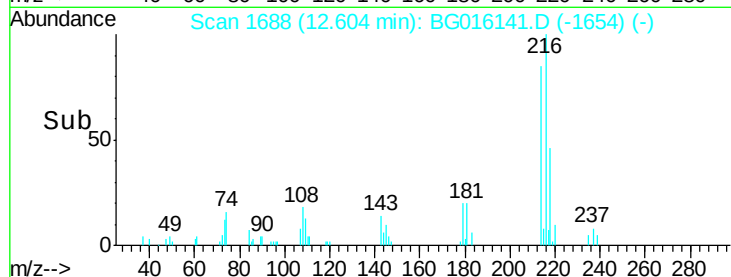


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 3.26 ng

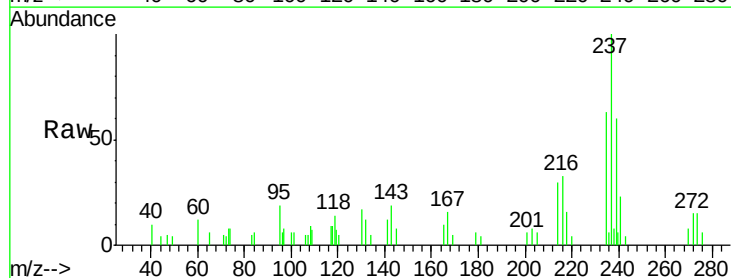
RT: 12.59 min Scan# 1685

Delta R.T. 0.00 min

Lab File: BG016141.D

Acq: 26 Mar 2015 15:46

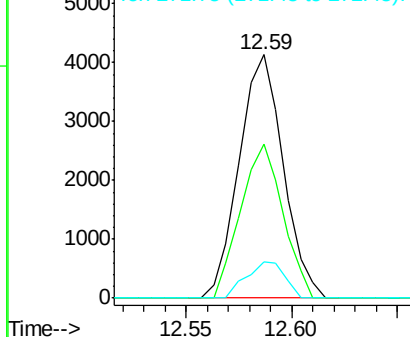
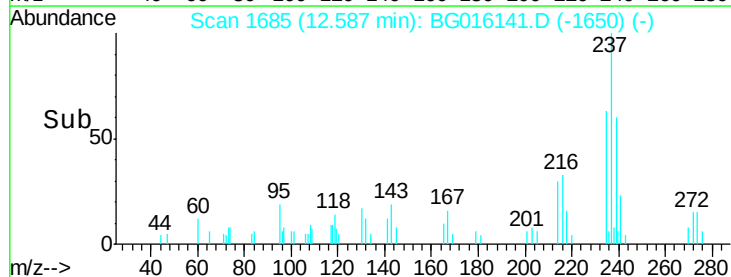
Tgt Ion:	237	Resp:	5988
Ion	Ratio	Lower	Upper
237	100		
235	63.1	41.5	81.5
272	15.1	0.0	35.3

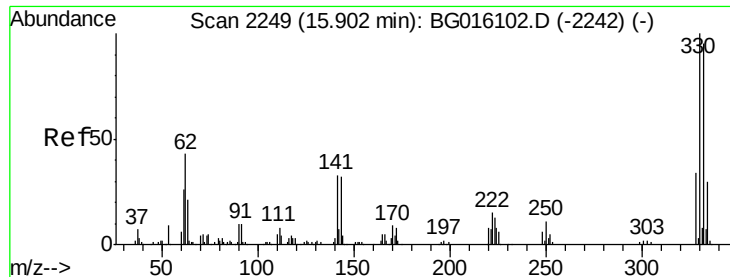


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

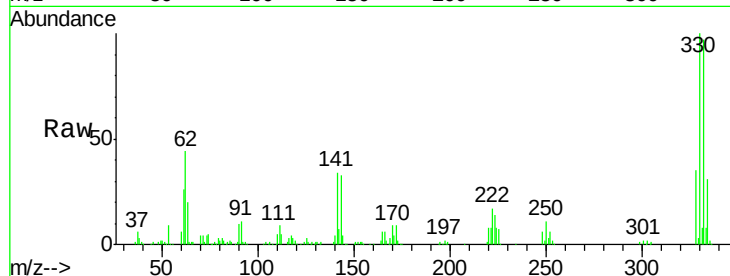




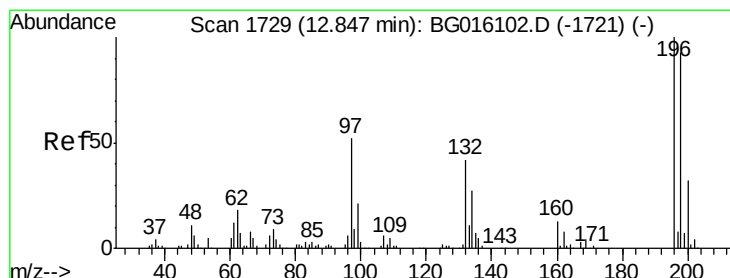
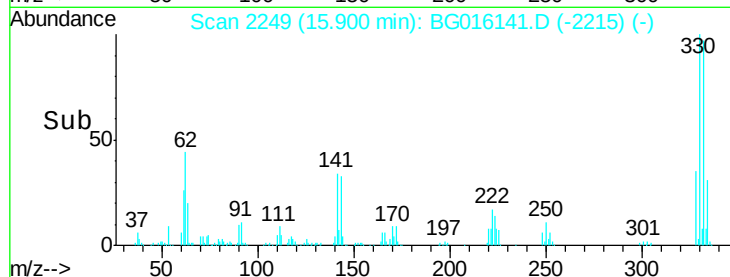
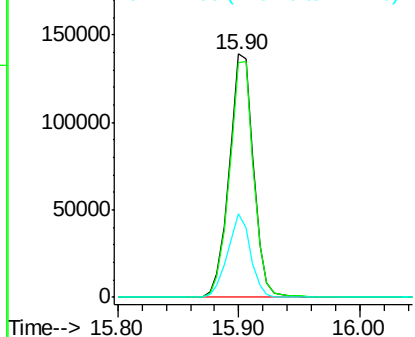
#41
 2,4,6-Tribromophenol
 Concen: 135.71 ng
 RT: 15.90 min Scan# 2249
 Delta R.T. -0.00 min
 Lab File: BG016141.D
 Acq: 26 Mar 2015 15:46

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

Tgt Ion:330 Resp: 194662
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.6 114.8
 141 32.5 26.2 39.4

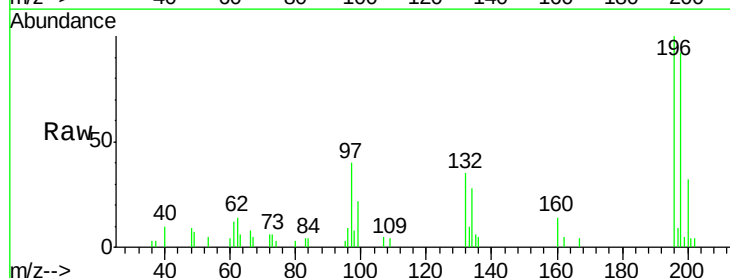


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

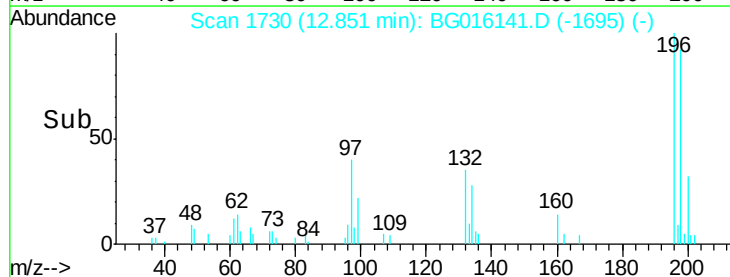
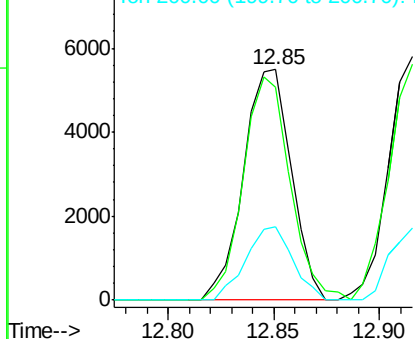


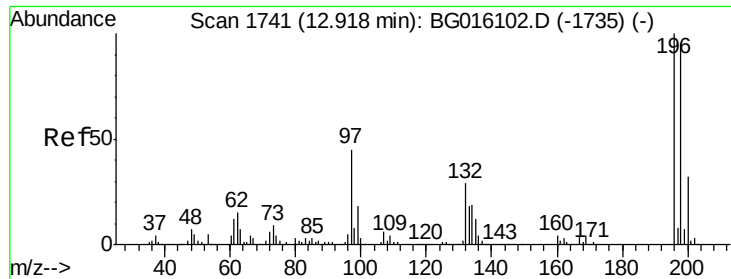
#42
 2,4,6-Trichlorophenol
 Concen: 3.85 ng
 RT: 12.85 min Scan# 1730
 Delta R.T. 0.00 min
 Lab File: BG016141.D
 Acq: 26 Mar 2015 15:46

Tgt Ion:196 Resp: 8651
 Ion Ratio Lower Upper
 196 100
 198 92.4 74.0 111.0
 200 31.9 25.7 38.5



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

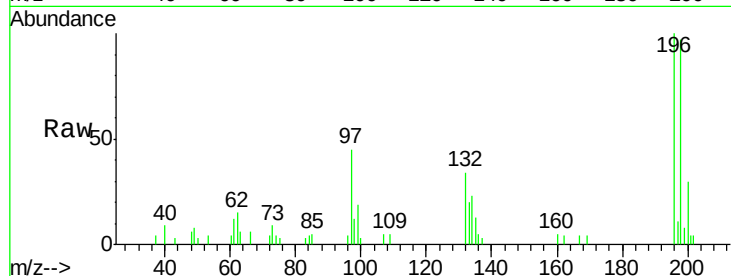




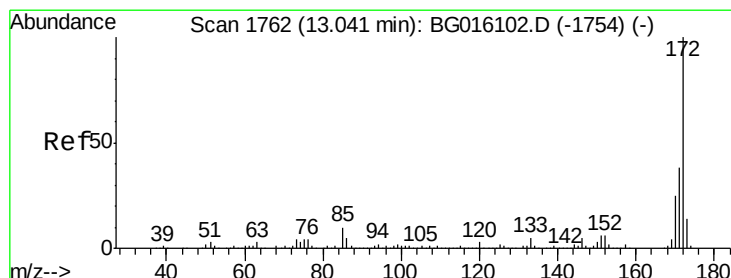
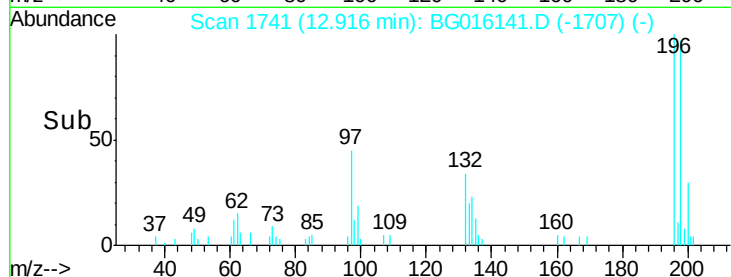
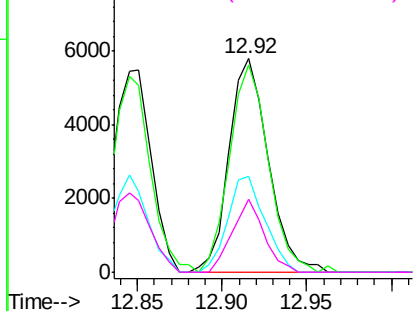
#43
 2,4,5-Trichlorophenol
 Concen: 3.84 ng
 RT: 12.92 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG016141.D
 Acq: 26 Mar 2015 15:46

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

Tgt Ion:196 Resp: 9401
 Ion Ratio Lower Upper
 196 100
 198 96.8 76.2 114.4
 97 45.2 36.2 54.4
 132 34.2 23.6 35.4

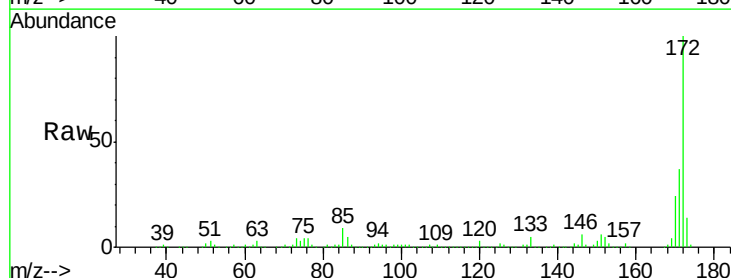


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

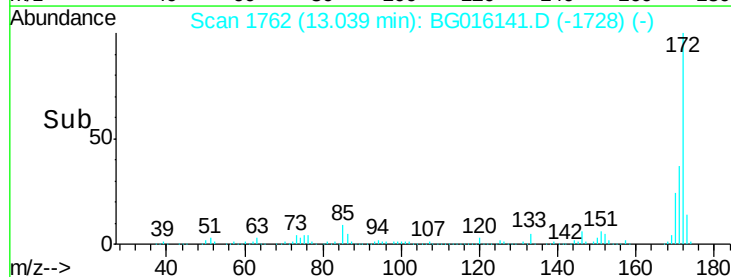
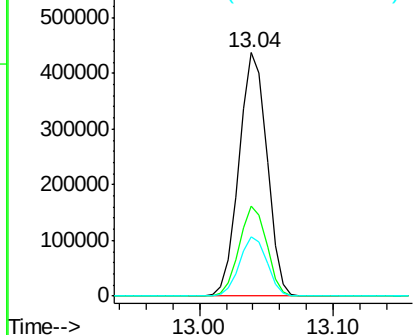


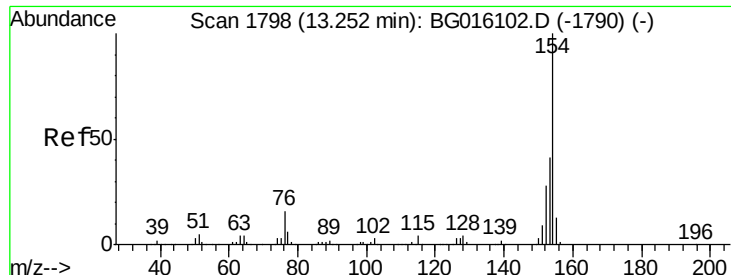
#44
 2-Fluorobiphenyl
 Concen: 84.87 ng
 RT: 13.04 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: BG016141.D
 Acq: 26 Mar 2015 15:46

Tgt Ion:172 Resp: 633345
 Ion Ratio Lower Upper
 172 100
 171 37.0 30.3 45.5
 170 24.4 19.8 29.8



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

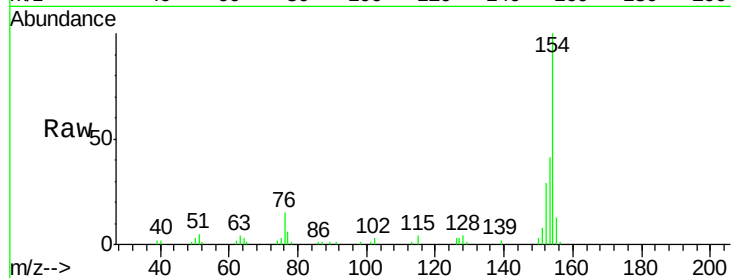




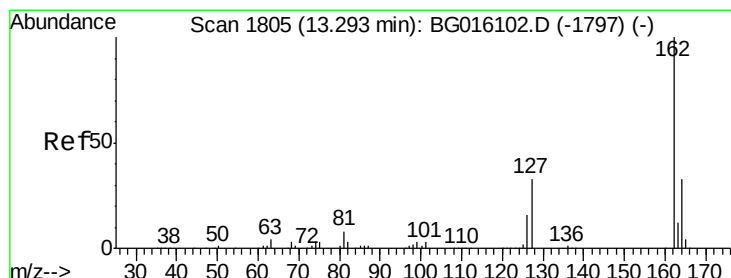
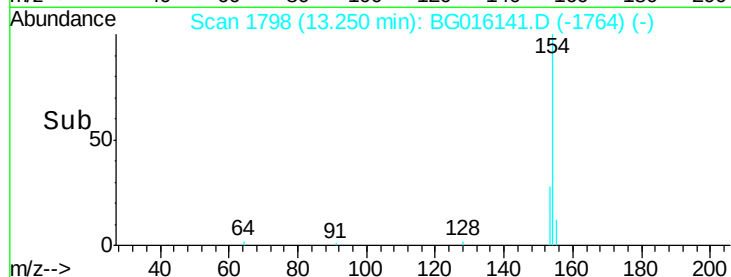
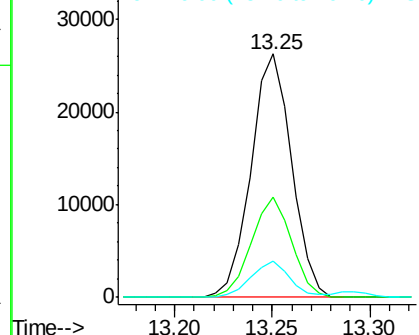
#45
1,1'-Biphenyl
Concen: 4.11 ng
RT: 13.25 min Scan# 1798
Delta R.T. -0.00 min
Lab File: BG016141.D
Acq: 26 Mar 2015 15:46

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.4	61.4
76	14.8	0.0	35.5

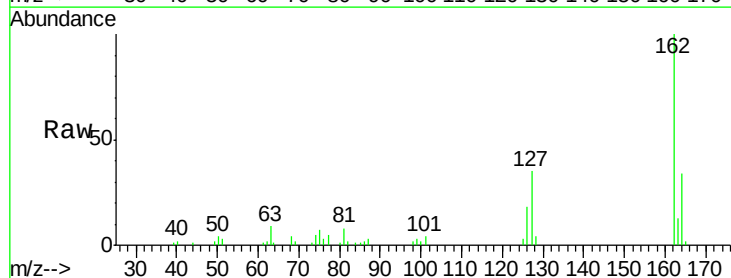


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): B

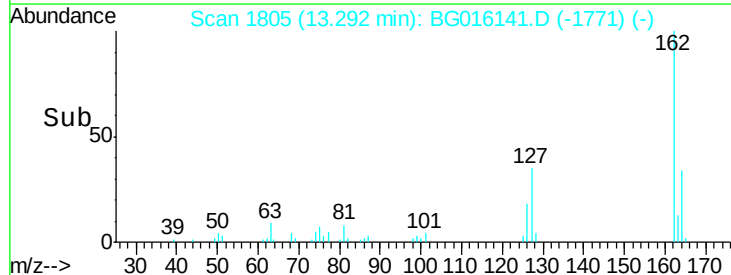
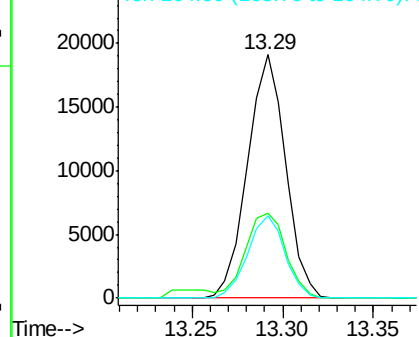


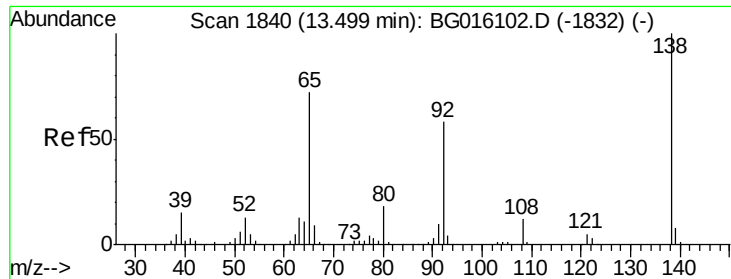
#46
2-Chloronaphthalene
Concen: 3.91 ng
RT: 13.29 min Scan# 1805
Delta R.T. -0.00 min
Lab File: BG016141.D
Acq: 26 Mar 2015 15:46

Tgt Ion	Ratio	Lower	Upper
162	100		
127	35.1	29.4	44.2
164	33.7	26.1	39.1



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

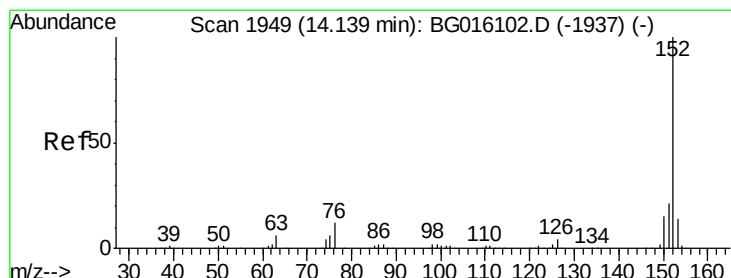
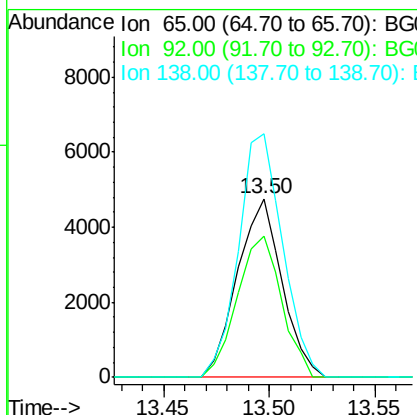
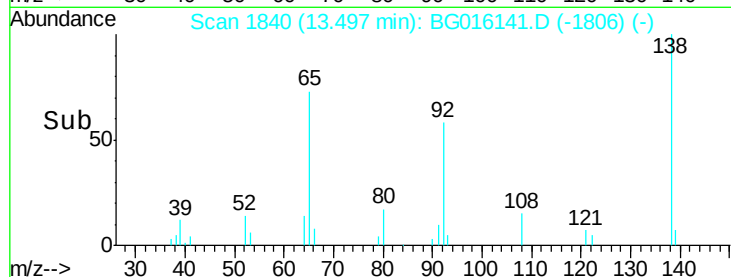
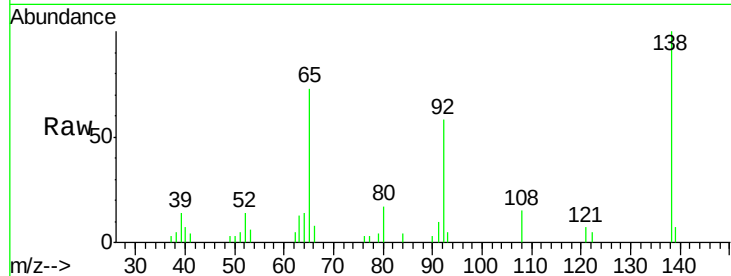




#47
 2-Nitroaniline
 Concen: 3.40 ng
 RT: 13.50 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BG016141.D
 Acq: 26 Mar 2015 15:46

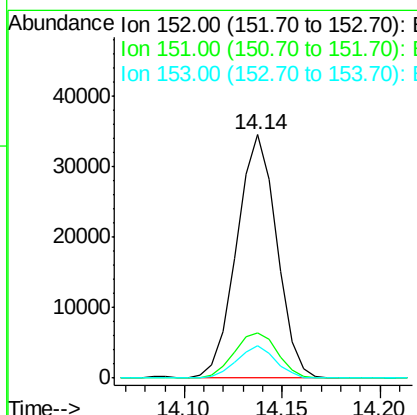
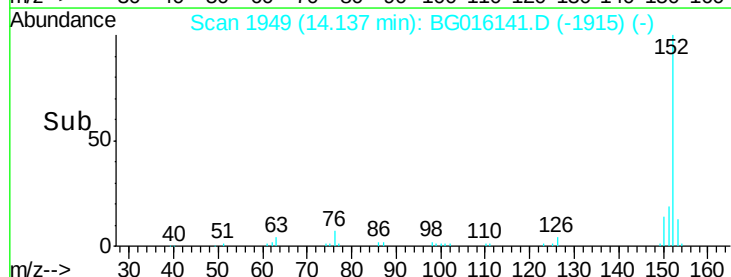
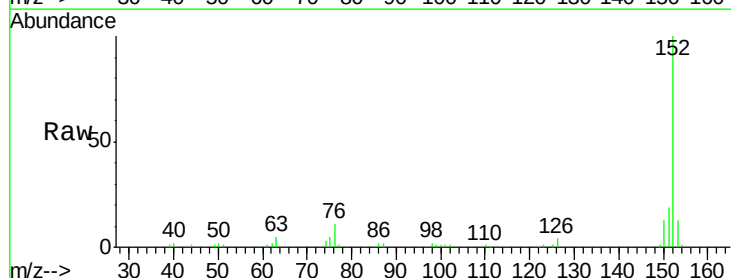
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

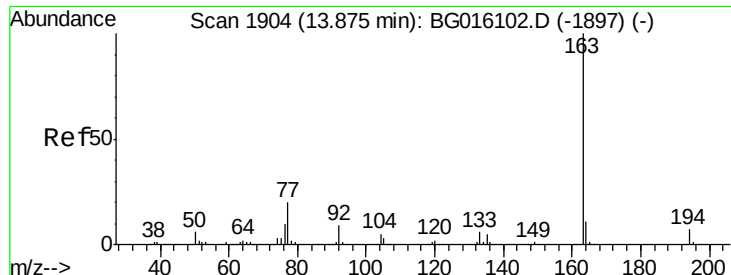
Tgt Ion: 65 Resp: 6973
 Ion Ratio Lower Upper
 65 100
 92 78.9 64.2 96.4
 138 136.1 110.4 165.6



#48
 Acenaphthylene
 Concen: 3.77 ng
 RT: 14.14 min Scan# 1949
 Delta R.T. -0.00 min
 Lab File: BG016141.D
 Acq: 26 Mar 2015 15:46

Tgt Ion: 152 Resp: 49226
 Ion Ratio Lower Upper
 152 100
 151 18.8 17.0 25.4
 153 13.1 11.0 16.4





#49

Dimethylphthalate

Concen: 3.97 ng

RT: 13.87 min Scan# 1904

Delta R.T. -0.01 min

Lab File: BG016141.D

Acq: 26 Mar 2015 15:46

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

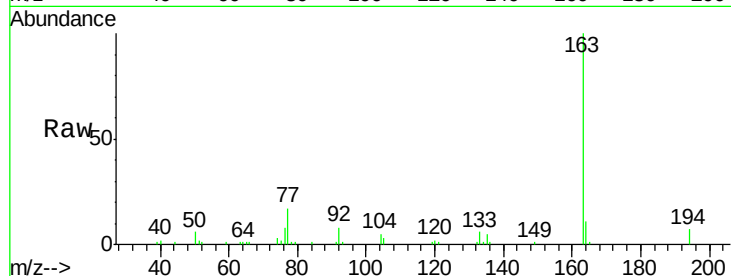
Tgt Ion:163 Resp: 34803

Ion Ratio Lower Upper

163 100

194 6.5 5.4 8.0

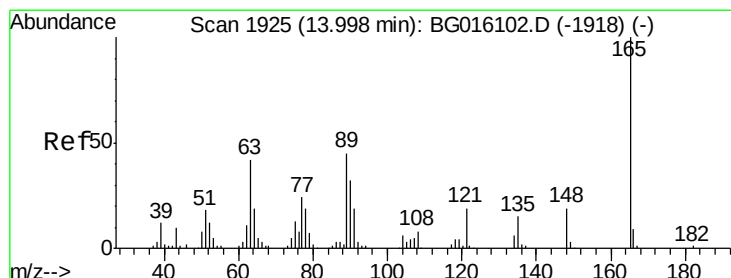
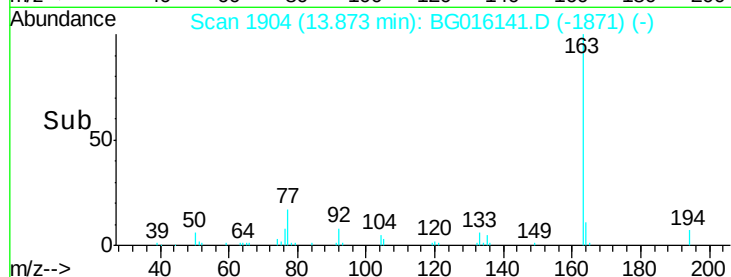
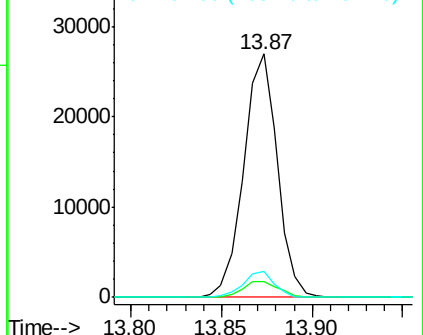
164 10.6 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 3.66 ng

RT: 13.99 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BG016141.D

Acq: 26 Mar 2015 15:46

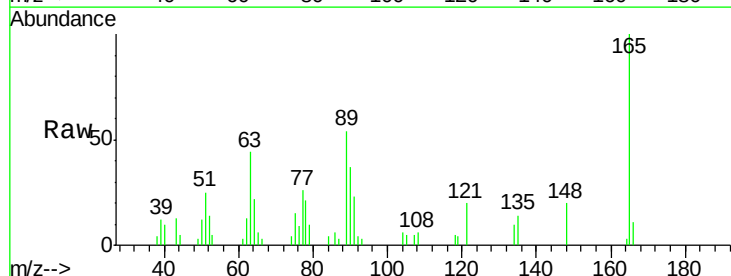
Tgt Ion:165 Resp: 7595

Ion Ratio Lower Upper

165 100

63 44.4 33.8 50.6

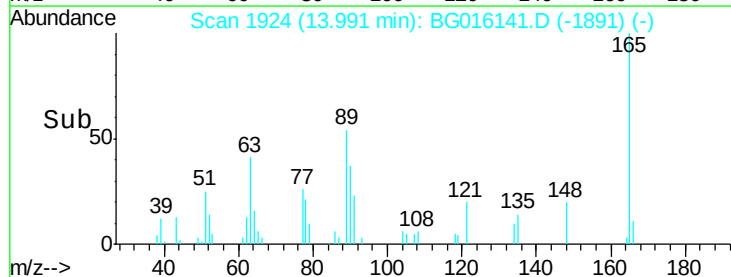
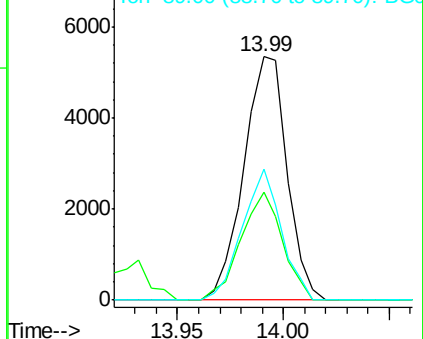
89 54.0 35.8 53.8#

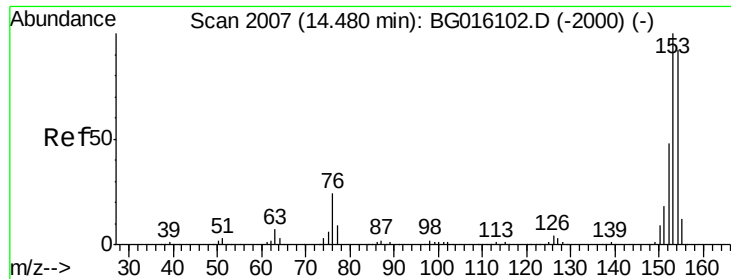


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 3.85 ng

RT: 14.48 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BG016141.D

Acq: 26 Mar 2015 15:46

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

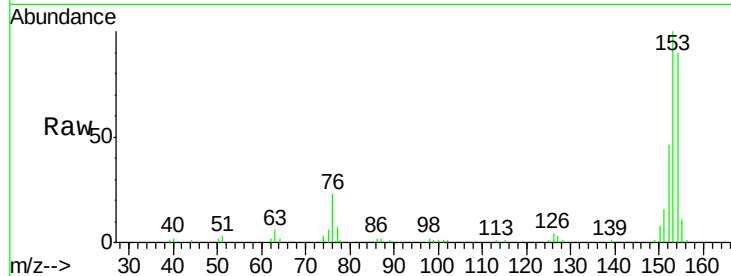
Tgt Ion:154 Resp: 30285

Ion Ratio Lower Upper

154 100

153 110.9 87.2 130.8

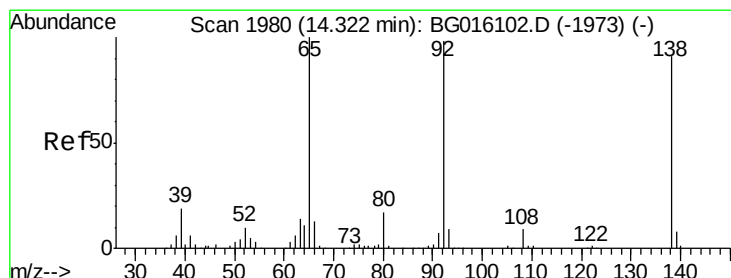
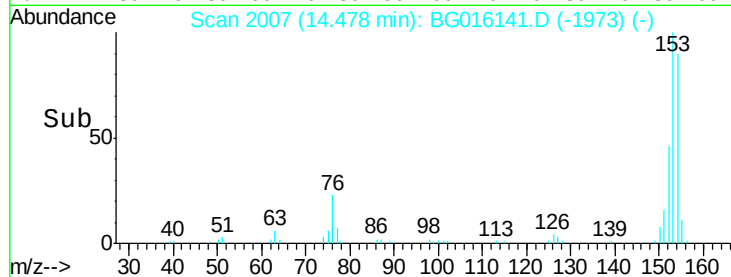
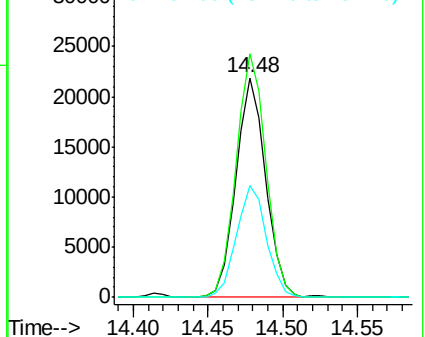
152 50.9 41.8 62.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 3.64 ng

RT: 14.32 min Scan# 1980

Delta R.T. -0.01 min

Lab File: BG016141.D

Acq: 26 Mar 2015 15:46

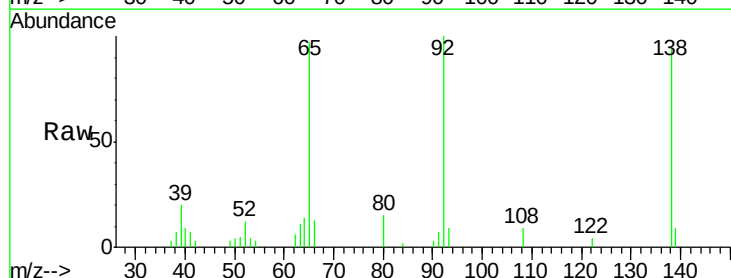
Tgt Ion:138 Resp: 9264

Ion Ratio Lower Upper

138 100

108 9.8 7.8 11.6

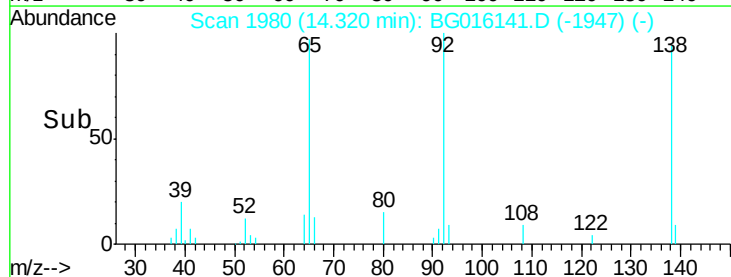
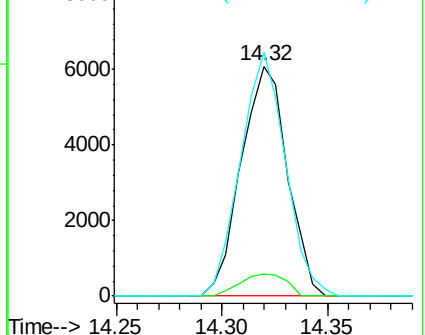
92 105.8 85.8 128.8

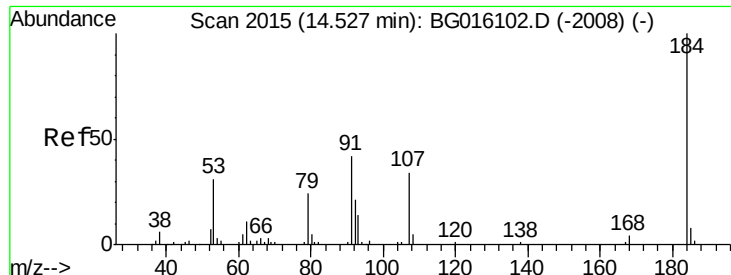


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

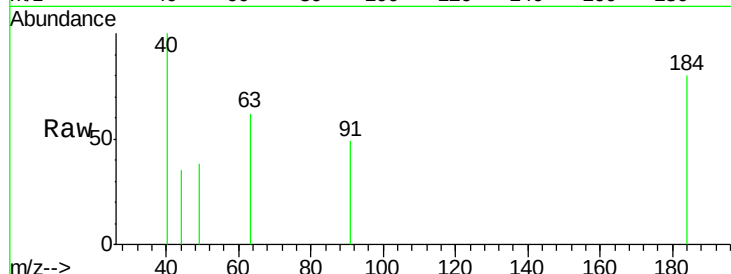




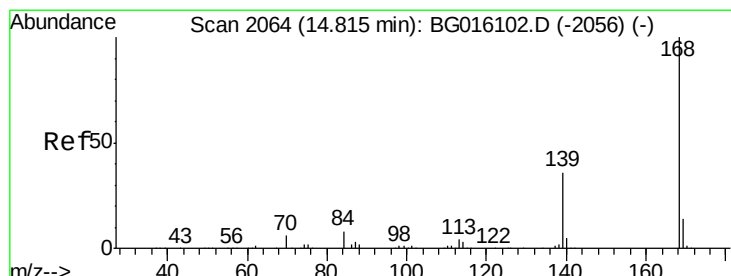
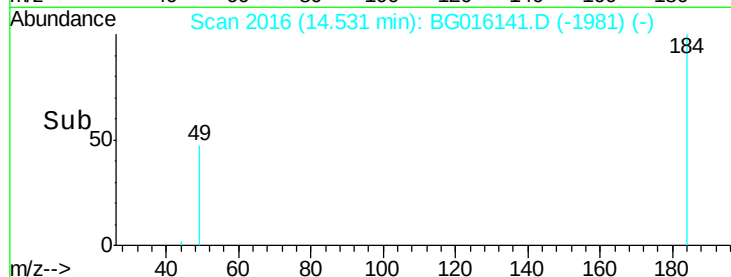
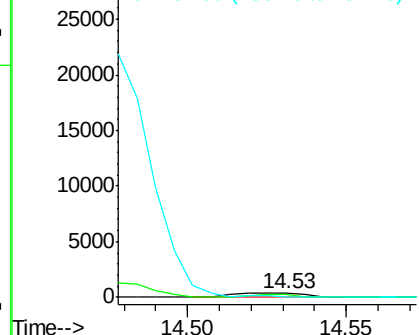
#53
2,4-Dinitrophenol
Concen: 5.77 ng
RT: 14.53 min Scan# 2016
Delta R.T. 0.00 min
Lab File: BG016141.D
Acq: 26 Mar 2015 15:46

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:184 Resp: 554
Ion Ratio Lower Upper
184 100
63 77.1 36.5 54.7#
154 0.0 30.2 45.4#

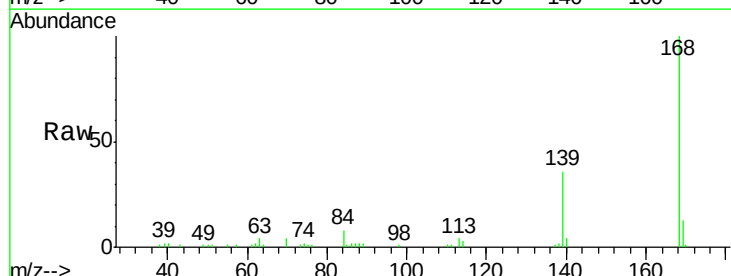


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

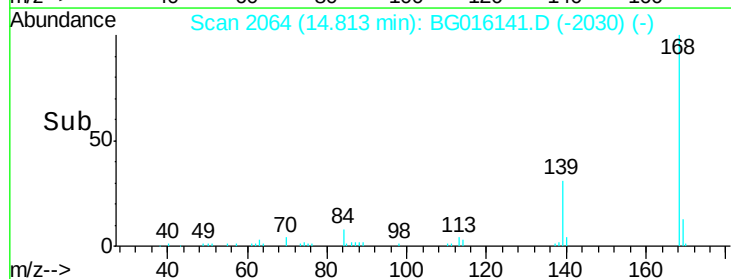
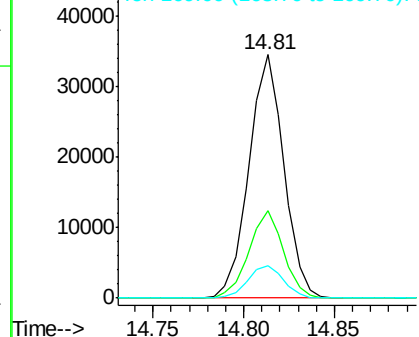


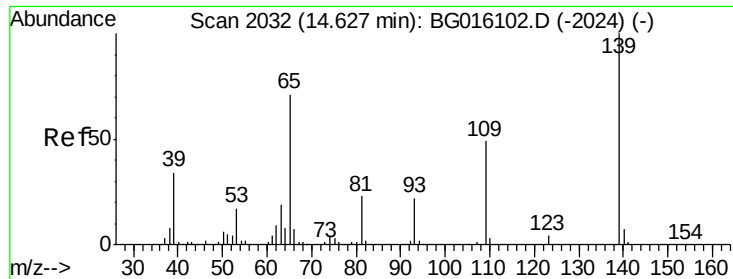
#54
Dibenzofuran
Concen: 4.17 ng
RT: 14.81 min Scan# 2064
Delta R.T. -0.00 min
Lab File: BG016141.D
Acq: 26 Mar 2015 15:46

Tgt Ion:168 Resp: 45902
Ion Ratio Lower Upper
168 100
139 35.7 29.0 43.4
169 13.1 11.1 16.7



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

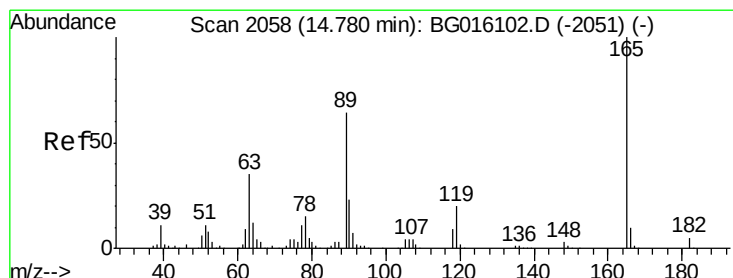
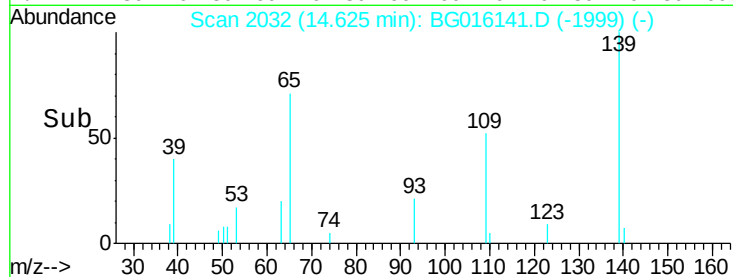
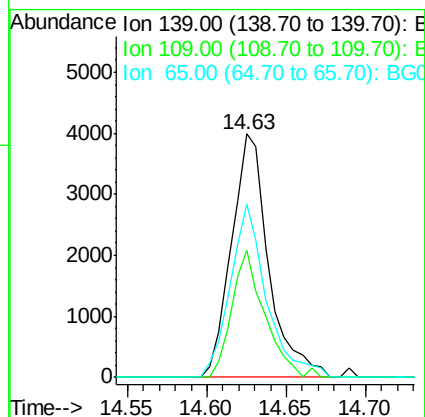
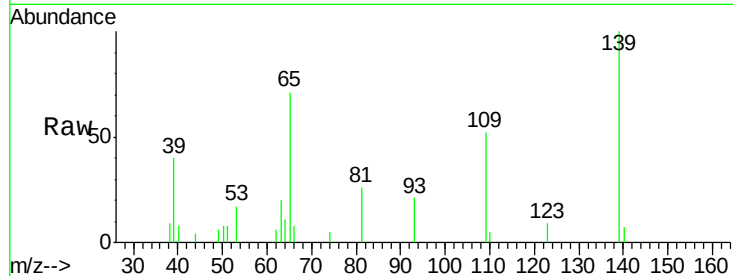




#55
4-Nitrophenol
Concen: 3.15 ng
RT: 14.63 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BG016141.D
Acq: 26 Mar 2015 15:46

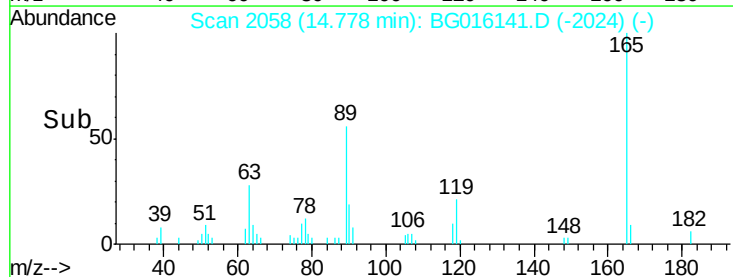
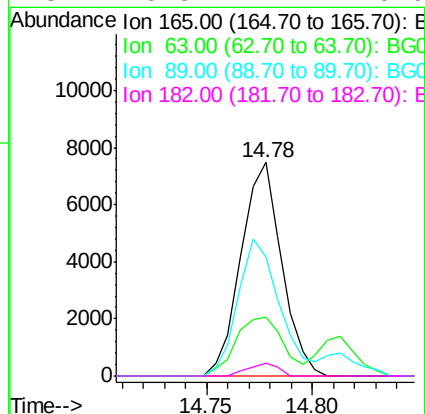
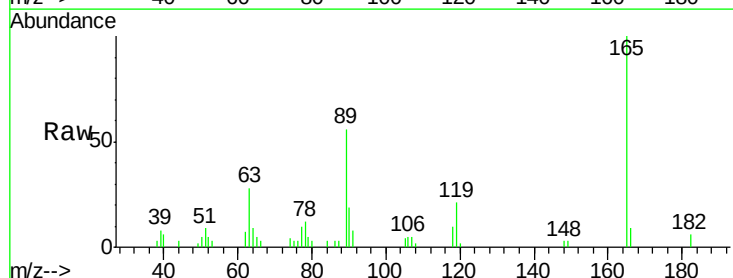
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

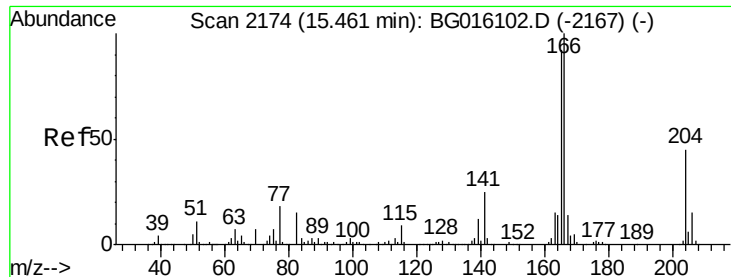
Tgt Ion:139 Resp: 6492
Ion Ratio Lower Upper
139 100
109 52.2 28.7 68.7
65 71.0 50.7 90.7



#56
2,4-Dinitrotoluene
Concen: 3.51 ng
RT: 14.78 min Scan# 2058
Delta R.T. -0.00 min
Lab File: BG016141.D
Acq: 26 Mar 2015 15:46

Tgt Ion:165 Resp: 9980
Ion Ratio Lower Upper
165 100
63 27.6 27.8 41.6#
89 55.8 51.2 76.8
182 6.3 4.4 6.6

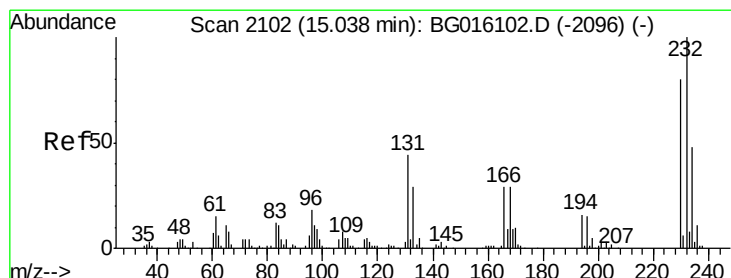
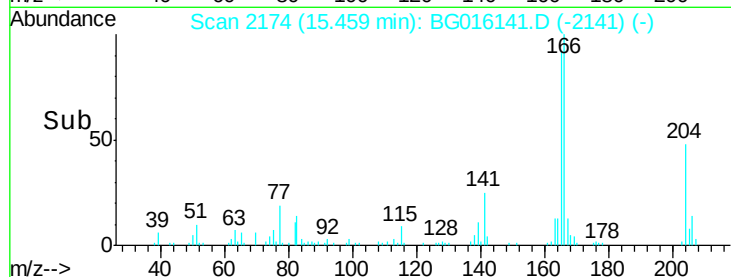
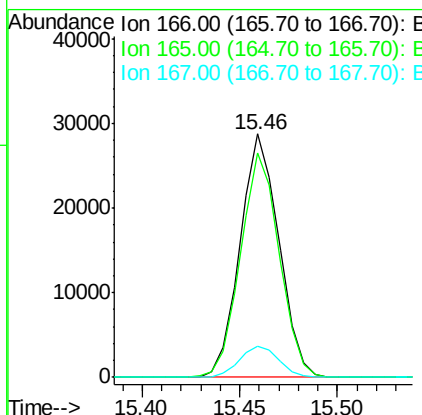
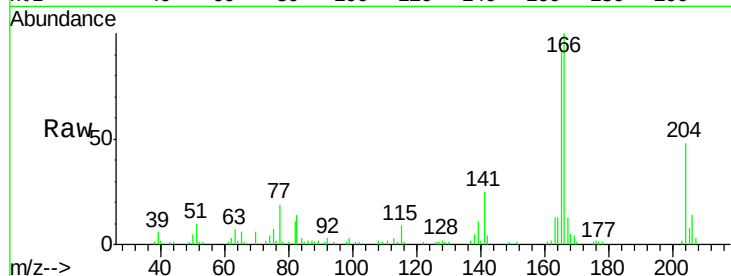




#57
 Fluorene
 Concen: 4.01 ng
 RT: 15.46 min Scan# 2174
 Delta R.T. -0.01 min
 Lab File: BG016141.D
 Acq: 26 Mar 2015 15:46

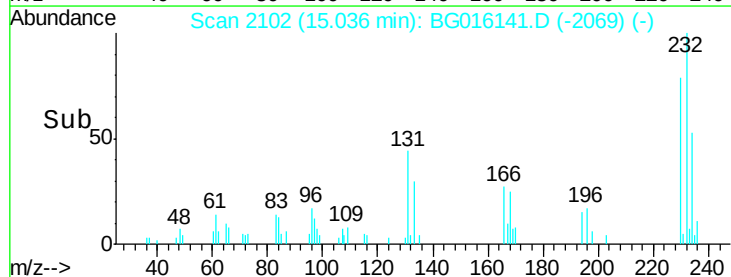
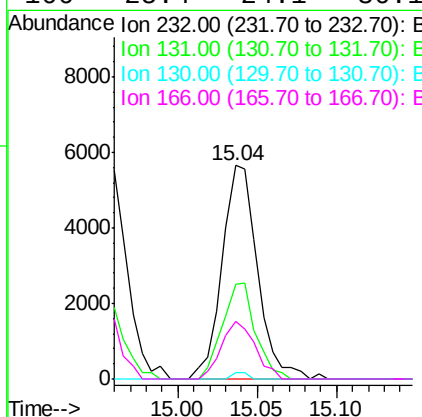
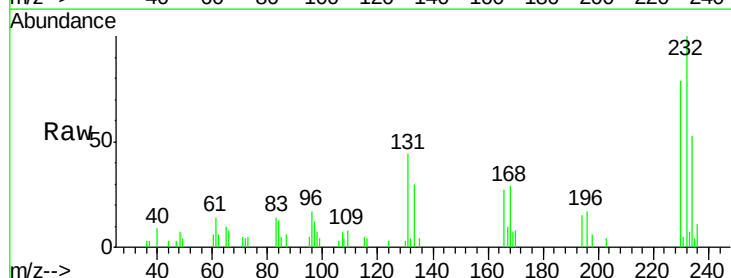
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

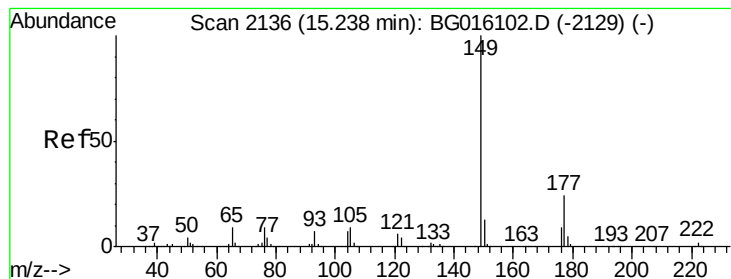
Tgt Ion:166 Resp: 39374
 Ion Ratio Lower Upper
 166 100
 165 92.1 73.9 110.9
 167 12.8 11.3 16.9



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 4.02 ng
 RT: 15.04 min Scan# 2102
 Delta R.T. -0.01 min
 Lab File: BG016141.D
 Acq: 26 Mar 2015 15:46

Tgt Ion:232 Resp: 8790
 Ion Ratio Lower Upper
 232 100
 131 41.6 36.0 54.0
 130 1.4 1.9 2.9#
 166 25.4 24.1 36.1





#59

Diethylphthalate

Concen: 3.90 ng

RT: 15.24 min Scan# 2136

Delta R.T. -0.01 min

Lab File: BG016141.D

Acq: 26 Mar 2015 15:46

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

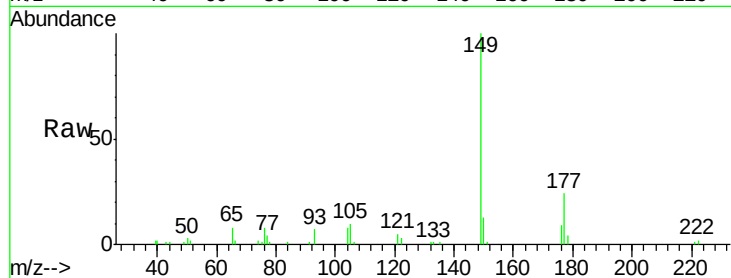
Tgt Ion:149 Resp: 35145

Ion Ratio Lower Upper

149 100

177 23.6 19.5 29.3

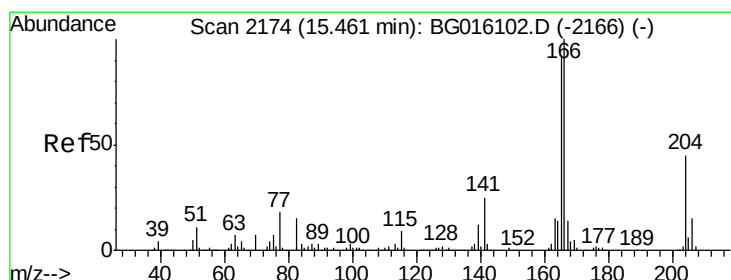
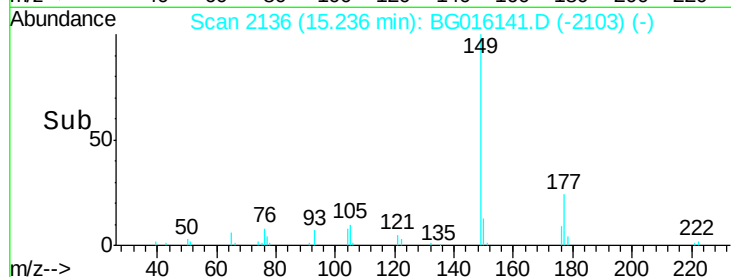
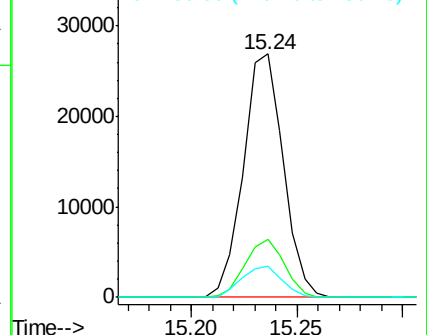
150 12.5 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 4.25 ng

RT: 15.46 min Scan# 2174

Delta R.T. -0.00 min

Lab File: BG016141.D

Acq: 26 Mar 2015 15:46

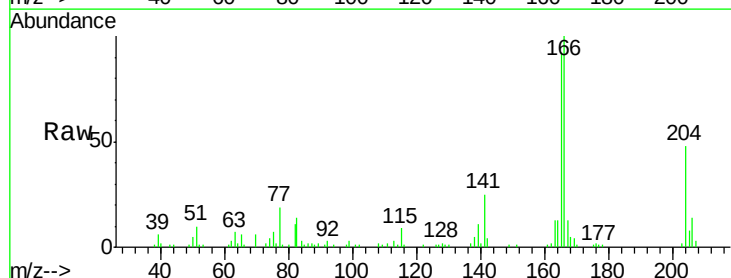
Tgt Ion:204 Resp: 18363

Ion Ratio Lower Upper

204 100

206 29.9 26.5 39.7

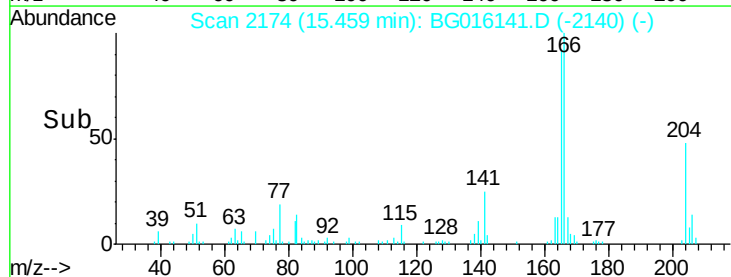
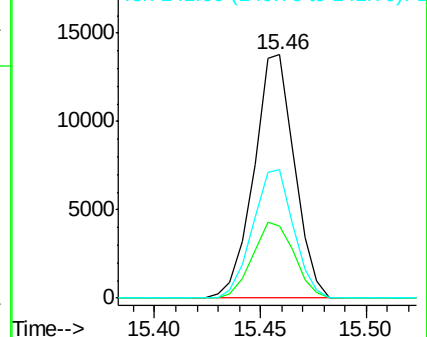
141 52.5 45.0 67.6

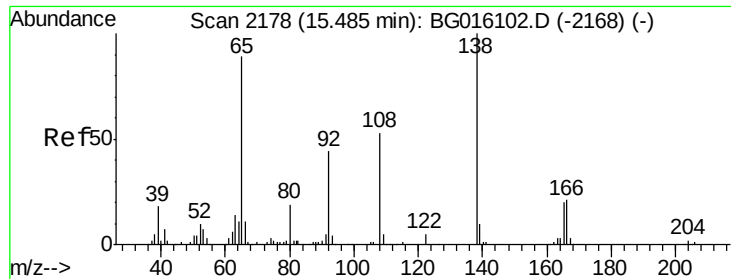


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

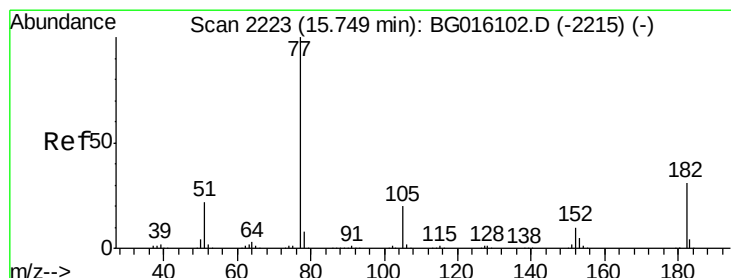
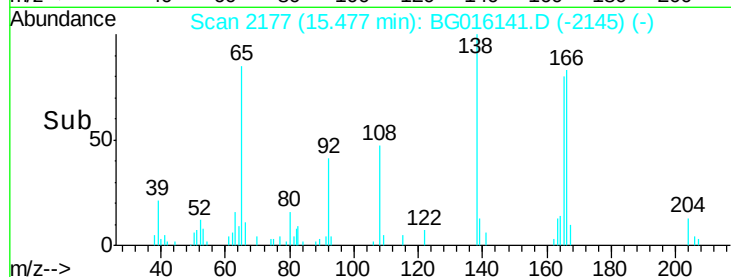
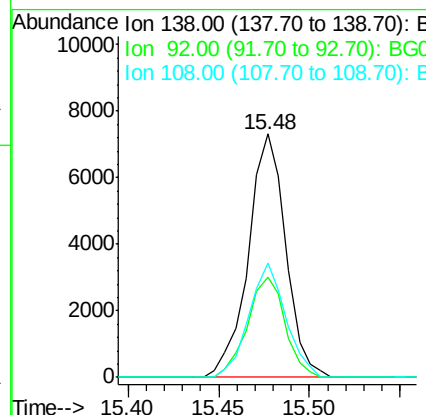
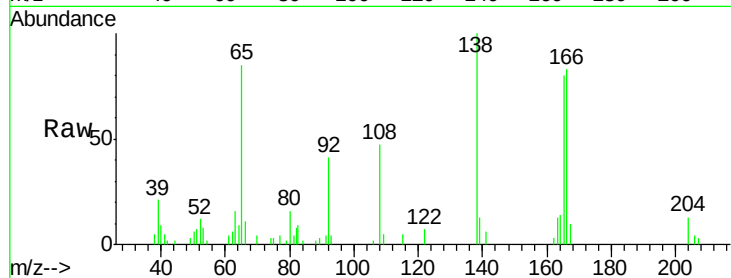




#61
4-Nitroaniline
Concen: 3.65 ng
RT: 15.48 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BG016141.D
Acq: 26 Mar 2015 15:46

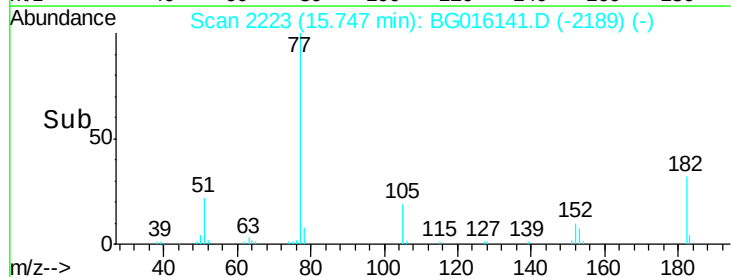
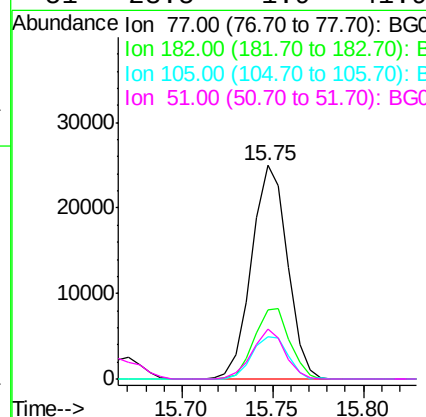
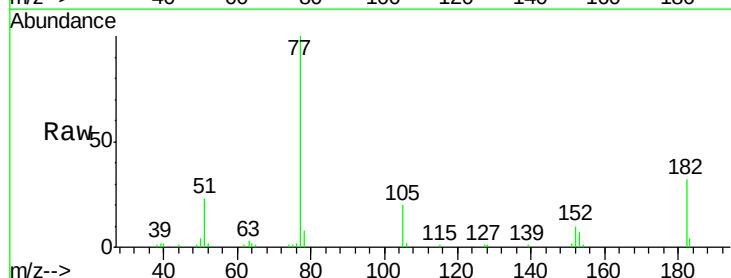
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

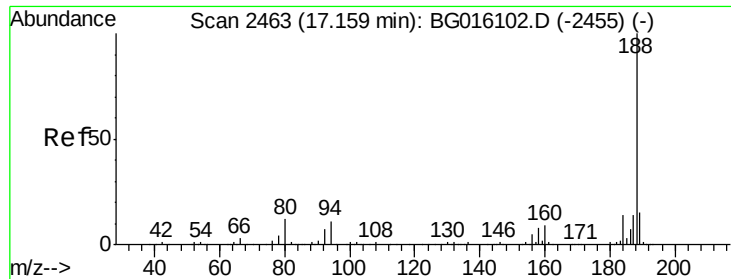
Tgt Ion: 138 Resp: 10501
Ion Ratio Lower Upper
138 100
92 41.3 24.2 64.2
108 47.1 32.7 72.7



#62
Azobenzene
Concen: 3.70 ng
RT: 15.75 min Scan# 2223
Delta R.T. -0.00 min
Lab File: BG016141.D
Acq: 26 Mar 2015 15:46

Tgt Ion: 77 Resp: 34319
Ion Ratio Lower Upper
77 100
182 32.2 10.9 50.9
105 19.9 0.0 40.0
51 23.5 1.9 41.9

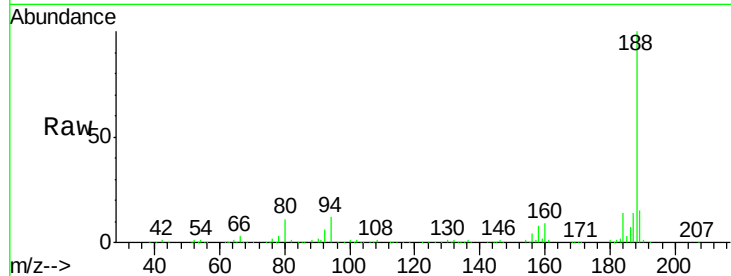




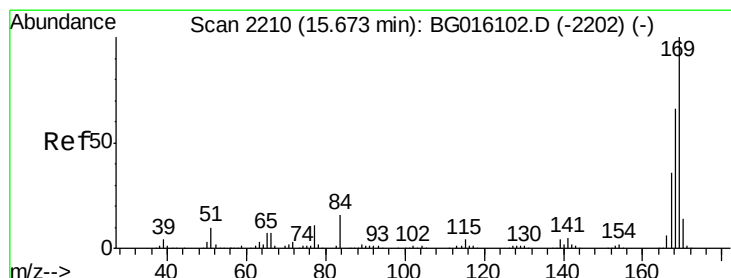
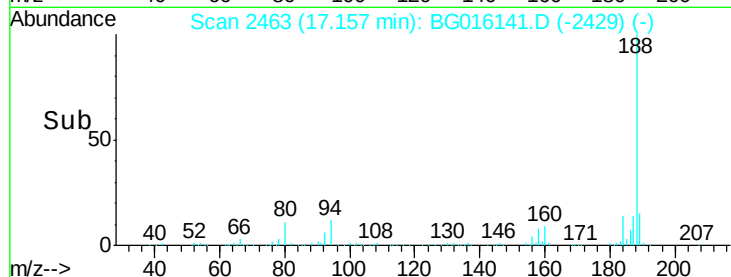
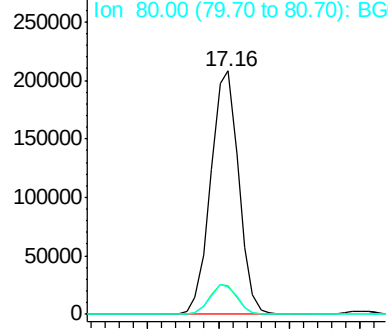
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.16 min Scan# 2463
 Delta R.T. -0.00 min
 Lab File: BG016141.D
 Acq: 26 Mar 2015 15:46

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

Tgt Ion:188 Resp: 287120
 Ion Ratio Lower Upper
 188 100
 94 11.8 9.1 13.7
 80 11.3 9.8 14.8

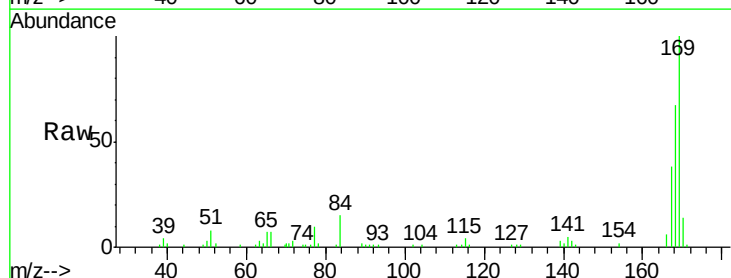


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

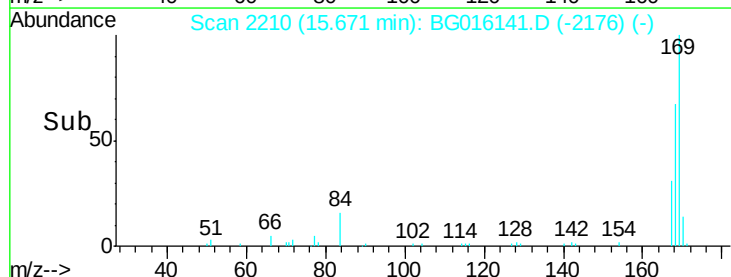
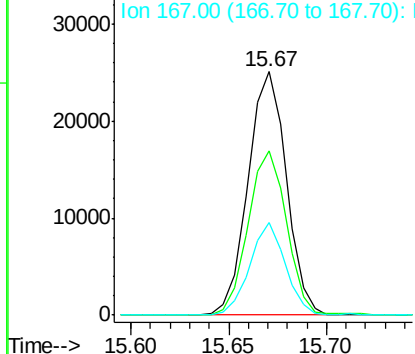


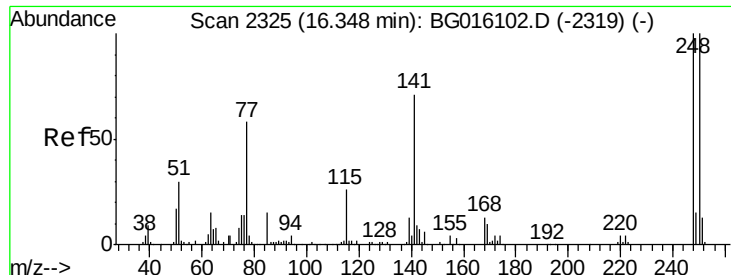
#65
 n-Nitrosodiphenylamine
 Concen: 3.72 ng
 RT: 15.67 min Scan# 2210
 Delta R.T. -0.00 min
 Lab File: BG016141.D
 Acq: 26 Mar 2015 15:46

Tgt Ion:169 Resp: 34072
 Ion Ratio Lower Upper
 169 100
 168 67.3 53.0 79.4
 167 38.0 29.0 43.4



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

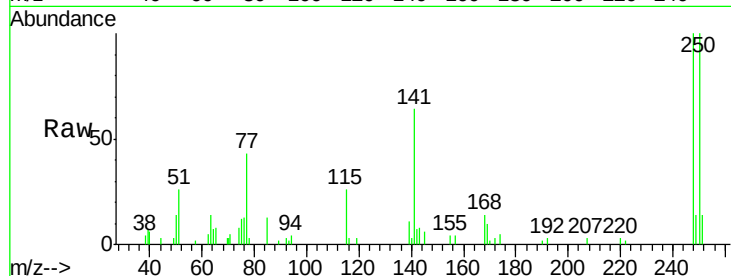




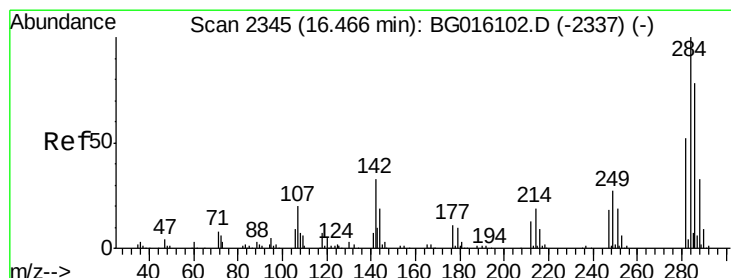
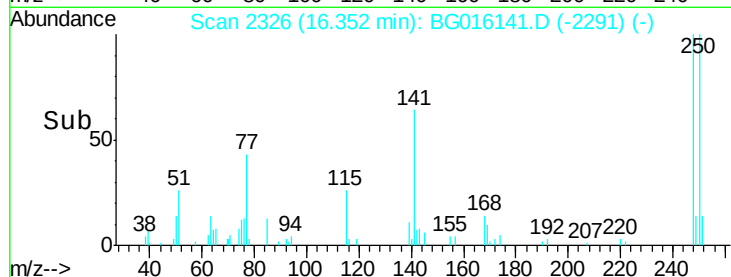
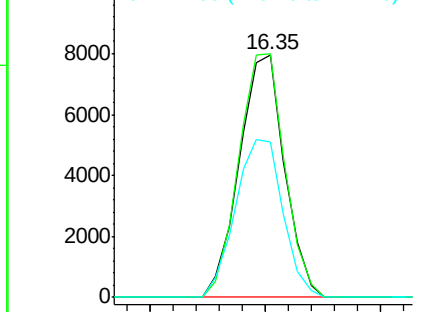
#66
4-Bromophenyl-phenylether
Concen: 3.69 ng
RT: 16.35 min Scan# 2326
Delta R.T. 0.00 min
Lab File: BG016141.D
Acq: 26 Mar 2015 15:46

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:248 Resp: 10858
Ion Ratio Lower Upper
248 100
250 100.5 80.2 120.2
141 64.0 57.0 85.4

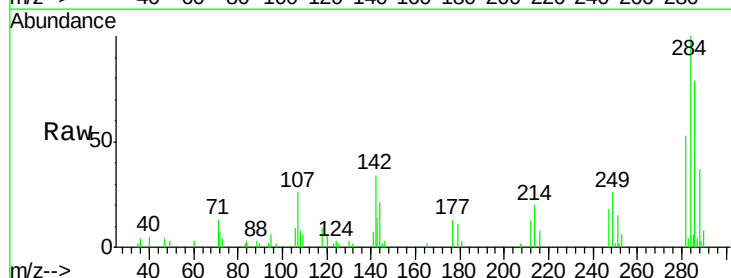


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

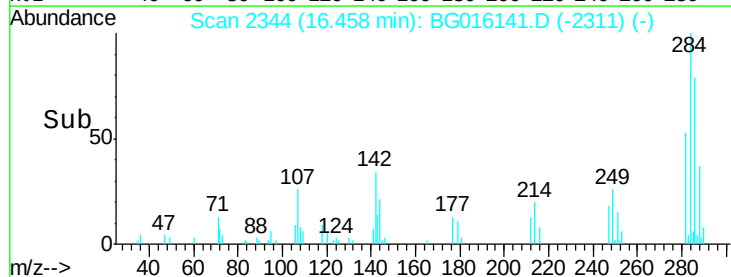
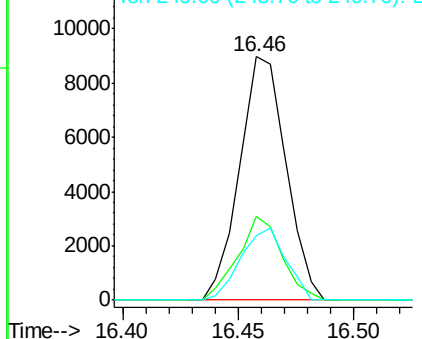


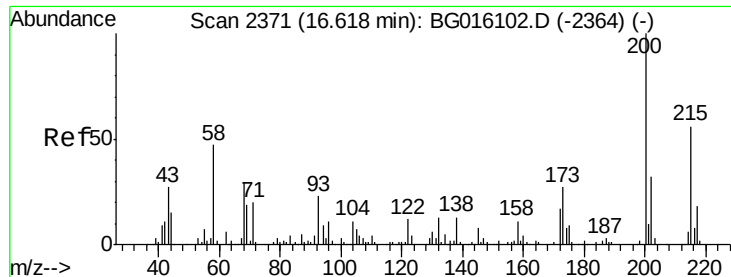
#67
Hexachlorobenzene
Concen: 3.80 ng
RT: 16.46 min Scan# 2344
Delta R.T. -0.01 min
Lab File: BG016141.D
Acq: 26 Mar 2015 15:46

Tgt Ion:284 Resp: 12574
Ion Ratio Lower Upper
284 100
142 34.3 26.7 40.1
249 26.4 21.8 32.8



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

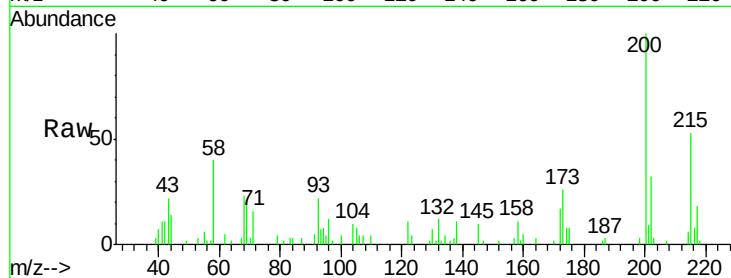




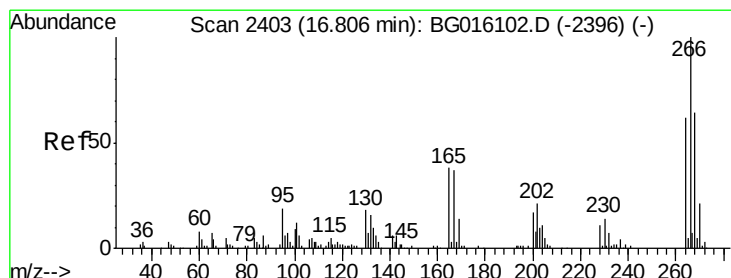
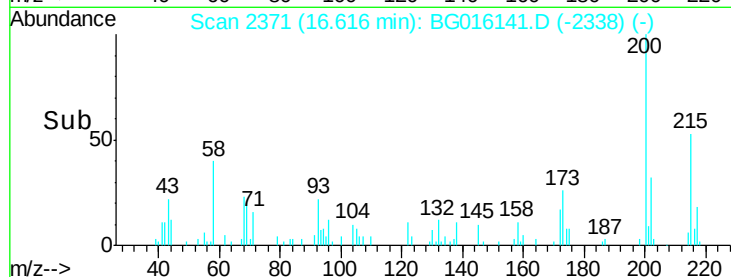
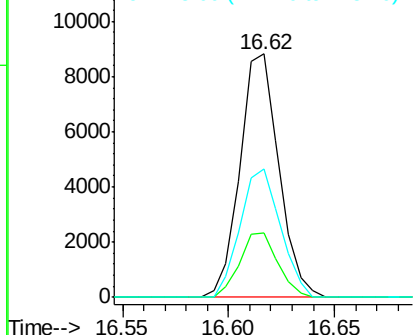
#68
 Atrazine
 Concen: 4.14 ng
 RT: 16.62 min Scan# 2371
 Delta R.T. -0.01 min
 Lab File: BG016141.D
 Acq: 26 Mar 2015 15:46

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

Tgt Ion:200 Resp: 11276
 Ion Ratio Lower Upper
 200 100
 173 26.4 7.5 47.5
 215 52.9 36.4 76.4

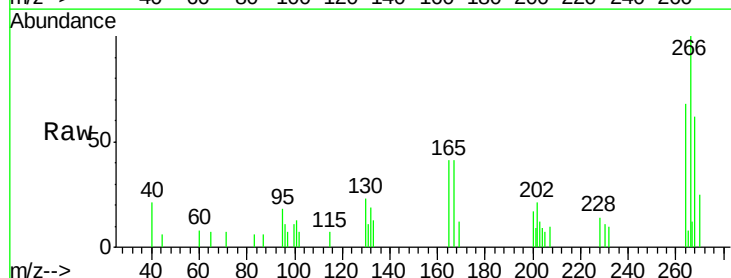


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

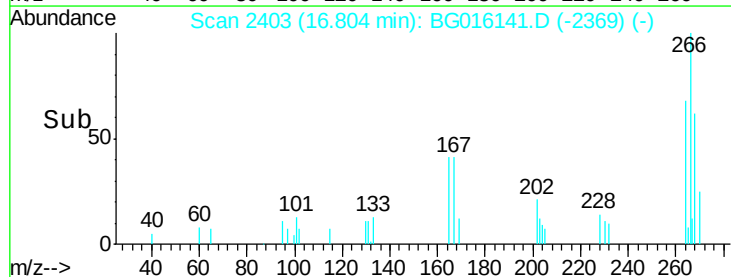
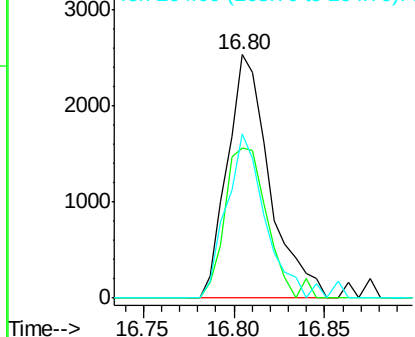


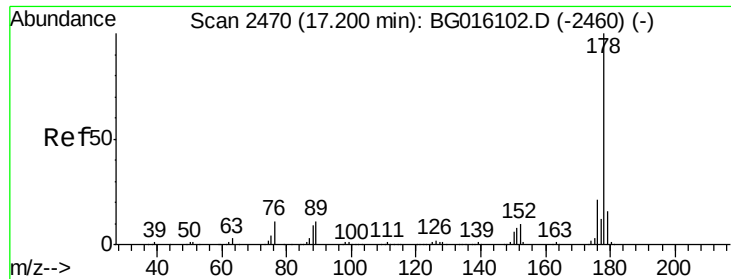
#69
 Pentachlorophenol
 Concen: 2.17 ng
 RT: 16.80 min Scan# 2403
 Delta R.T. -0.00 min
 Lab File: BG016141.D
 Acq: 26 Mar 2015 15:46

Tgt Ion:266 Resp: 4102
 Ion Ratio Lower Upper
 266 100
 268 61.6 51.5 77.3
 264 67.7 49.8 74.6



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





#70

Phenanthrene

Concen: 4.05 ng

RT: 17.20 min Scan# 2470

Delta R.T. -0.00 min

Lab File: BG016141.D

Acq: 26 Mar 2015 15:46

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

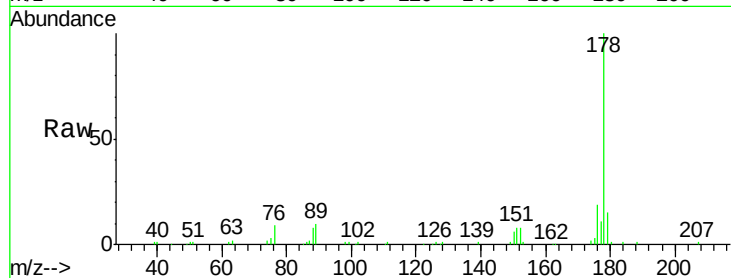
Tgt Ion:178 Resp: 65182

Ion Ratio Lower Upper

178 100

176 19.4 16.5 24.7

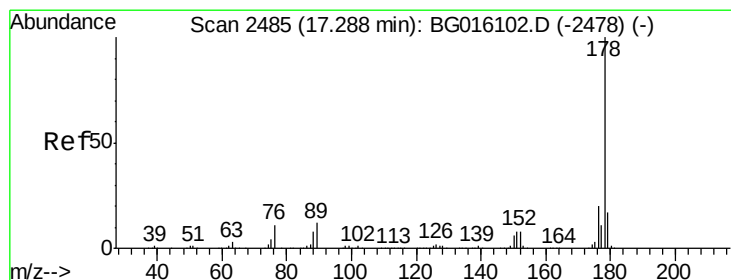
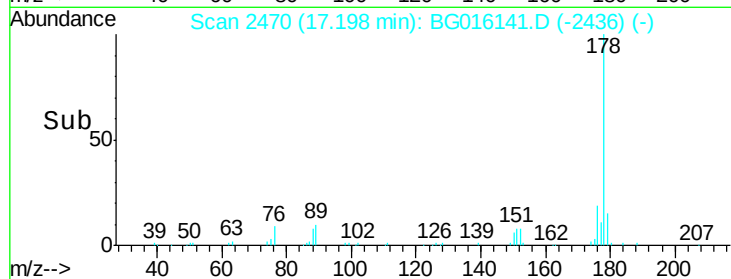
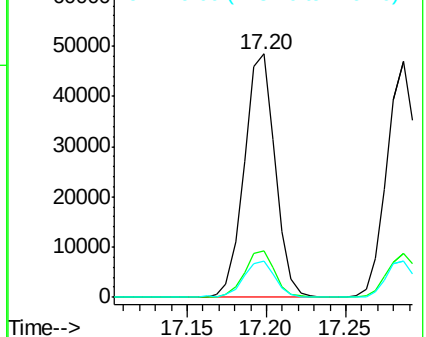
179 14.8 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 3.99 ng

RT: 17.29 min Scan# 2485

Delta R.T. -0.01 min

Lab File: BG016141.D

Acq: 26 Mar 2015 15:46

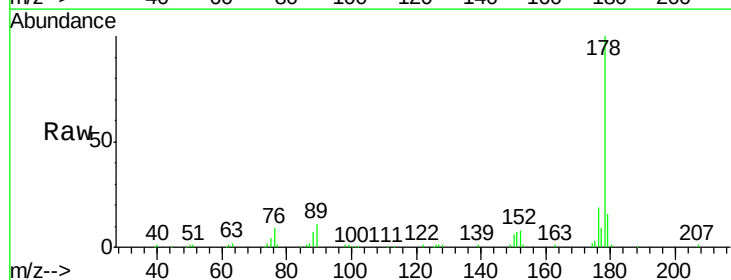
Tgt Ion:178 Resp: 63908

Ion Ratio Lower Upper

178 100

176 18.7 15.6 23.4

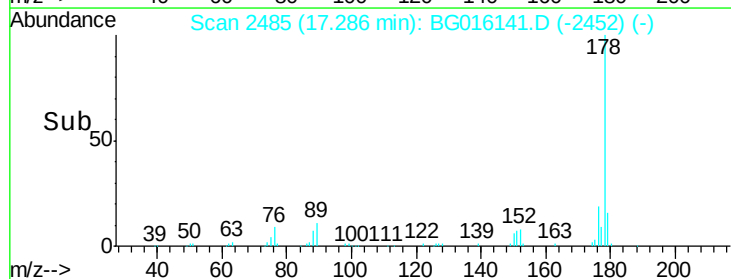
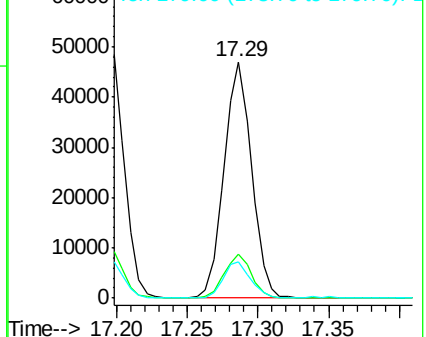
179 15.5 13.3 19.9

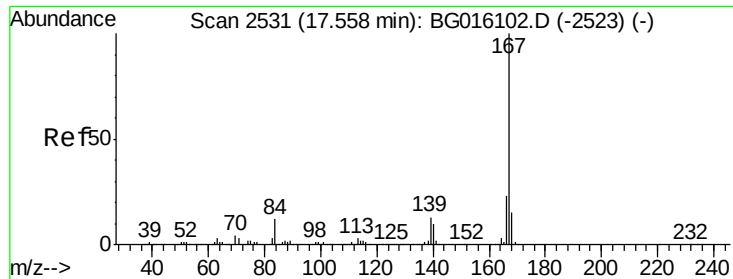


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 3.97 ng

RT: 17.56 min Scan# 2531

Delta R.T. -0.01 min

Lab File: BG016141.D

Acq: 26 Mar 2015 15:46

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

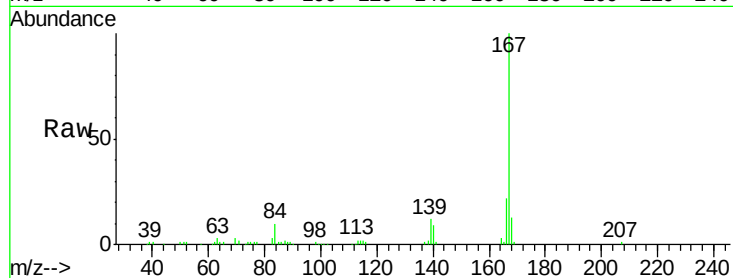
Tgt Ion:167 Resp: 62374

Ion Ratio Lower Upper

167 100

166 22.2 18.2 27.2

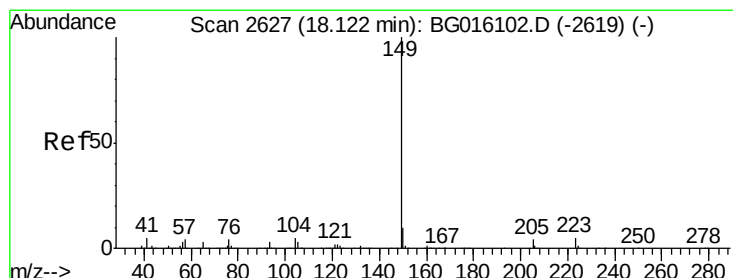
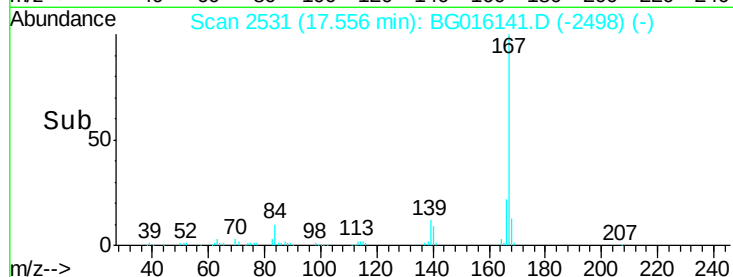
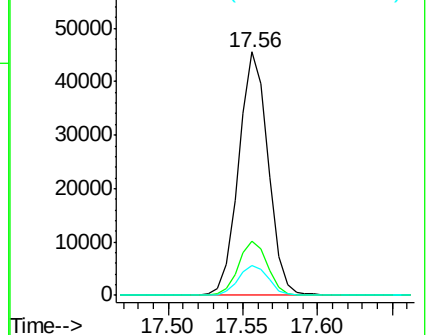
139 12.2 10.7 16.1



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 3.71 ng

RT: 18.12 min Scan# 2627

Delta R.T. -0.00 min

Lab File: BG016141.D

Acq: 26 Mar 2015 15:46

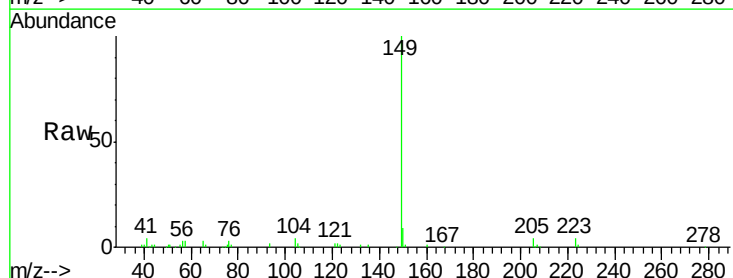
Tgt Ion:149 Resp: 65917

Ion Ratio Lower Upper

149 100

150 9.2 8.0 12.0

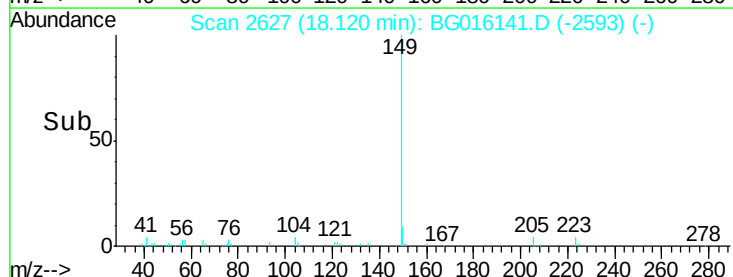
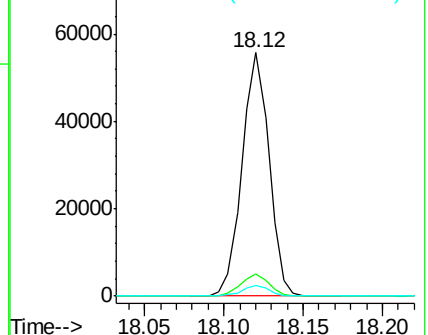
104 4.3 3.8 5.6

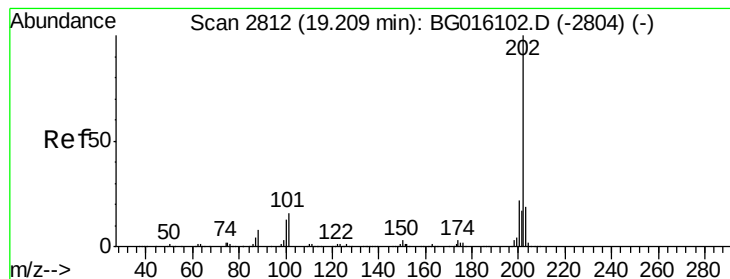


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 4.09 ng

RT: 19.21 min Scan# 2812

Delta R.T. -0.01 min

Lab File: BG016141.D

Acq: 26 Mar 2015 15:46

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

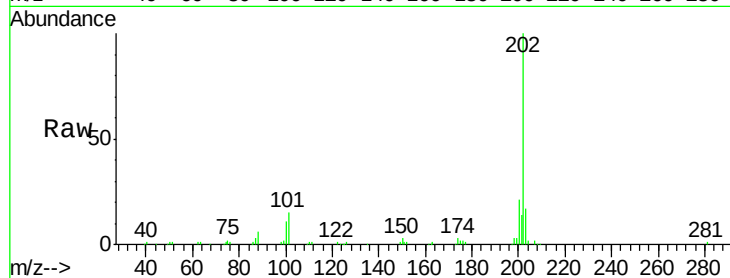
Tgt Ion:202 Resp: 73440

Ion Ratio Lower Upper

202 100

101 14.7 0.0 35.9

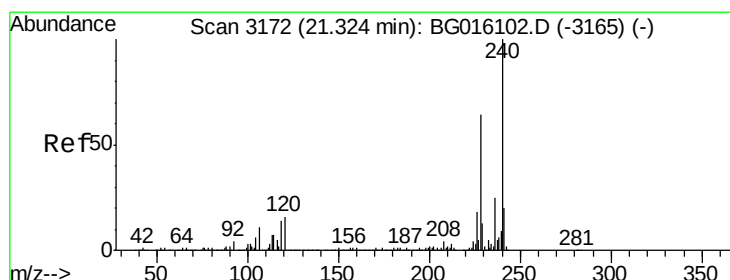
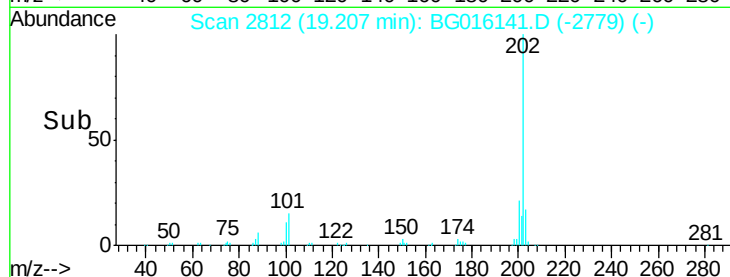
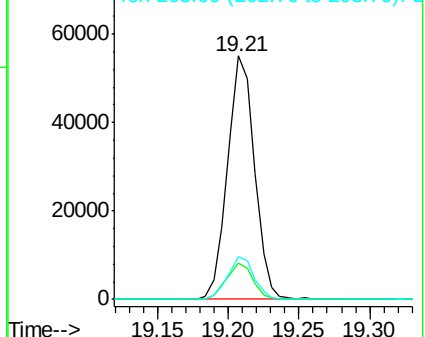
203 17.5 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.33 min Scan# 3173

Delta R.T. -0.00 min

Lab File: BG016141.D

Acq: 26 Mar 2015 15:46

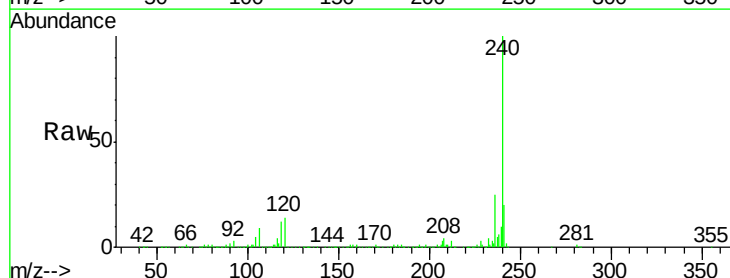
Tgt Ion:240 Resp: 321057

Ion Ratio Lower Upper

240 100

120 13.9 13.0 19.4

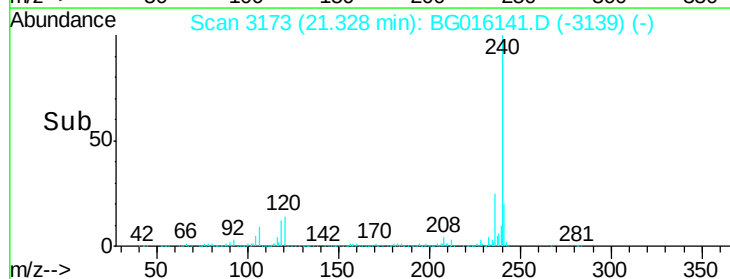
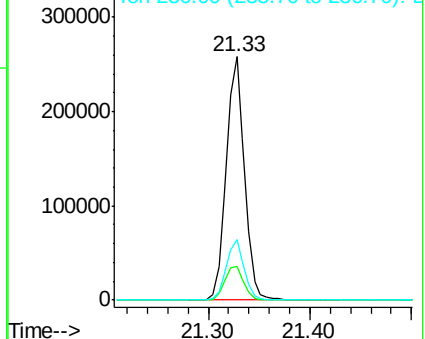
236 24.8 20.2 30.2

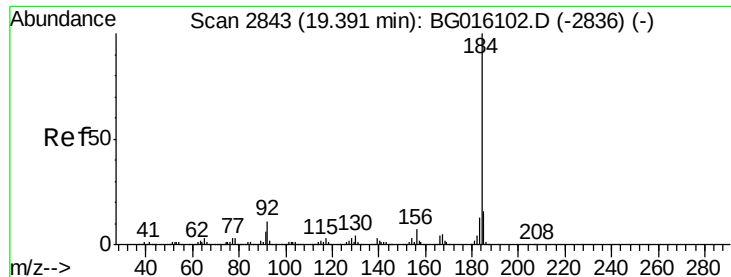


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 3.75 ng

RT: 19.40 min Scan# 2844

Delta R.T. -0.00 min

Lab File: BG016141.D

Acq: 26 Mar 2015 15:46

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

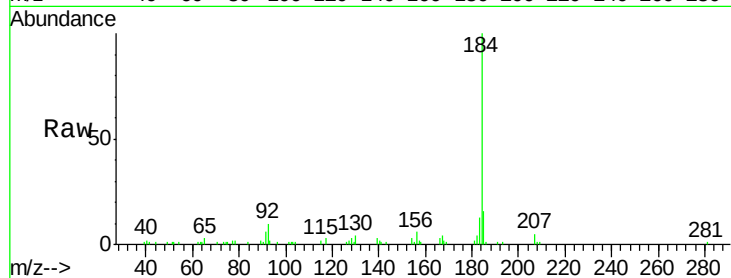
Tgt Ion:184 Resp: 31559

Ion Ratio Lower Upper

184 100

185 16.0 12.6 18.8

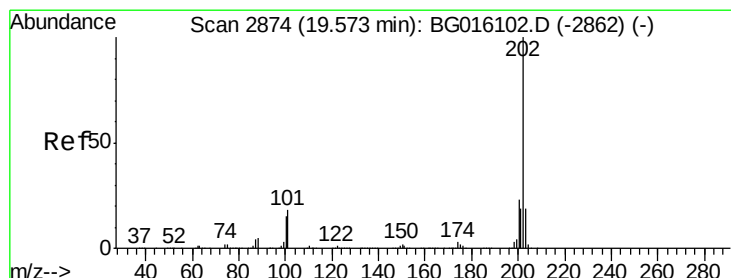
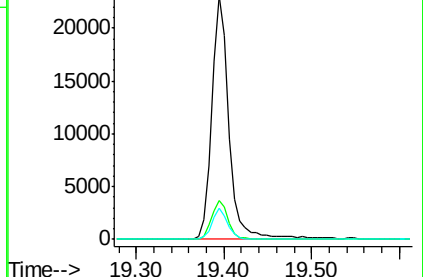
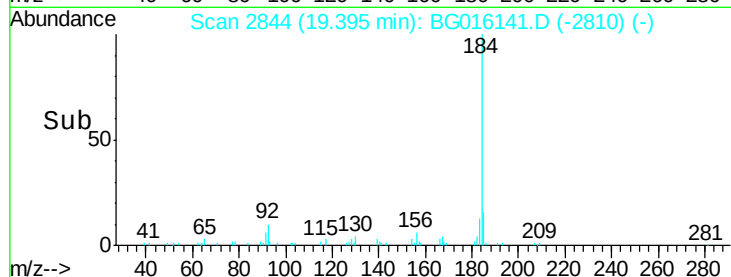
183 12.5 10.2 15.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 3.88 ng

RT: 19.57 min Scan# 2874

Delta R.T. -0.00 min

Lab File: BG016141.D

Acq: 26 Mar 2015 15:46

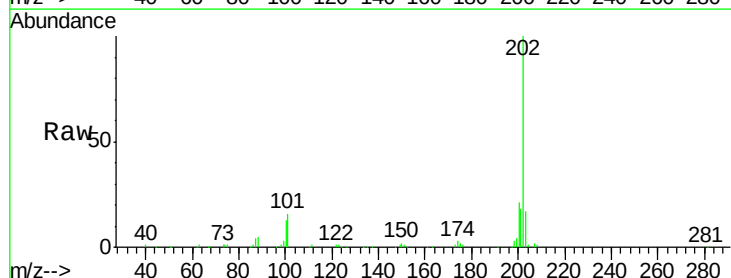
Tgt Ion:202 Resp: 76878

Ion Ratio Lower Upper

202 100

200 20.9 18.4 27.6

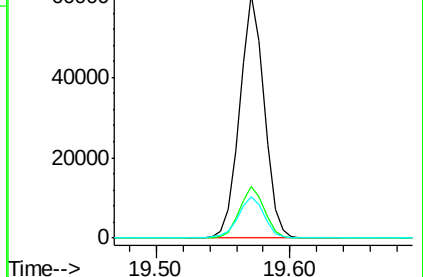
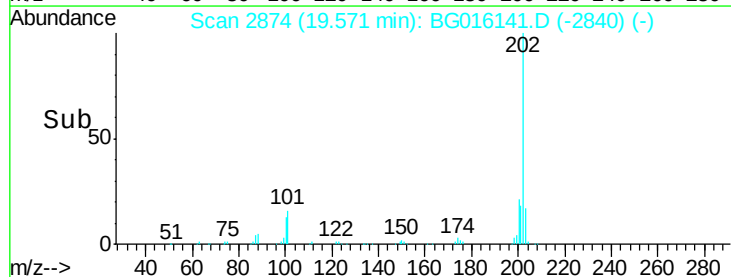
203 16.7 15.4 23.0

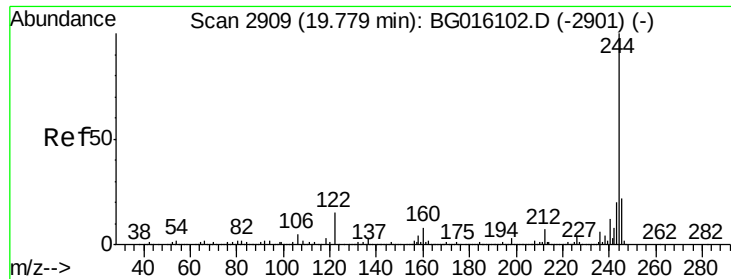


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 83.95 ng

RT: 19.78 min Scan# 2909

Delta R.T. -0.00 min

Lab File: BG016141.D

Acq: 26 Mar 2015 15:46

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

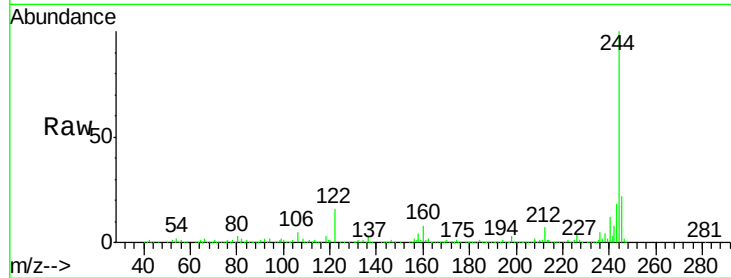
Tgt Ion:244 Resp: 1070185

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

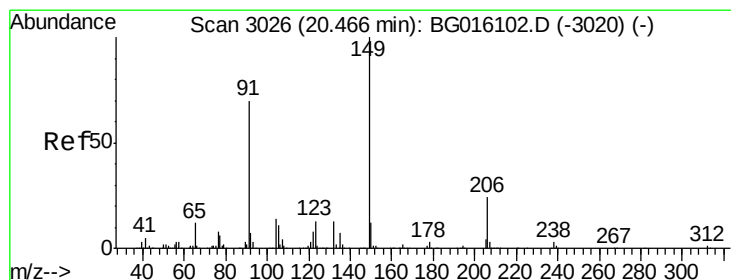
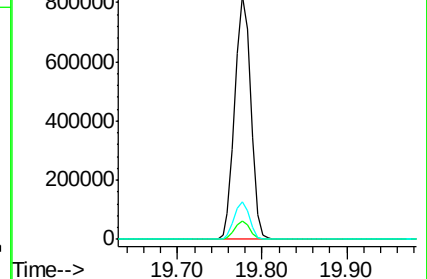
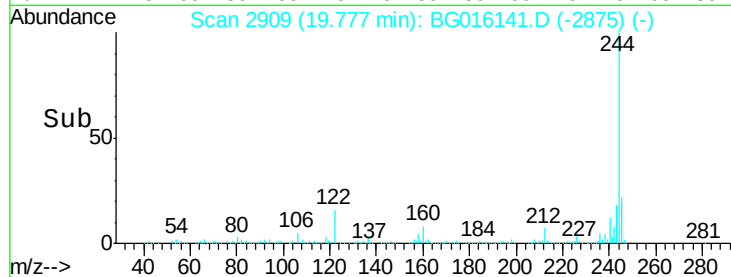
122 15.7 12.2 18.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 3.36 ng

RT: 20.47 min Scan# 3027

Delta R.T. -0.00 min

Lab File: BG016141.D

Acq: 26 Mar 2015 15:46

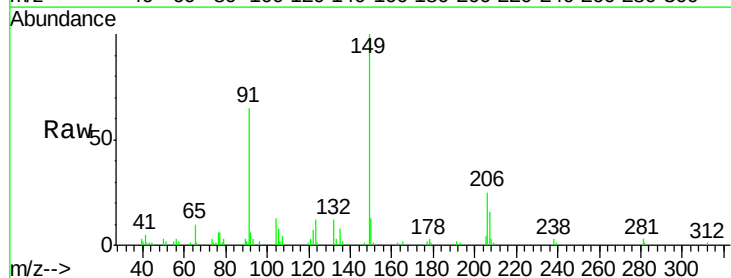
Tgt Ion:149 Resp: 27750

Ion Ratio Lower Upper

149 100

91 65.3 55.8 83.6

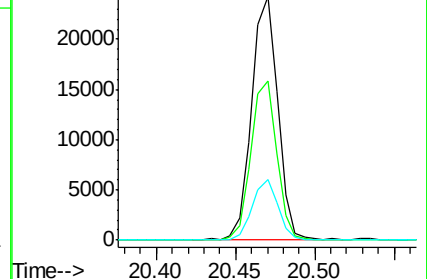
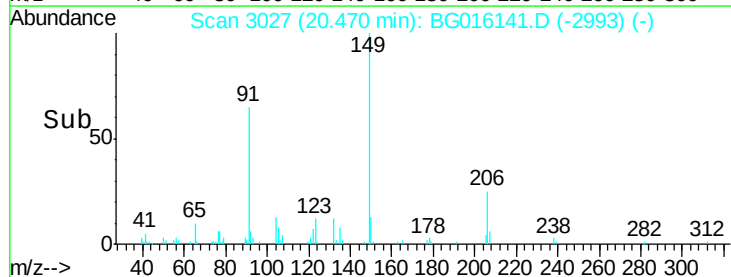
206 24.9 19.1 28.7

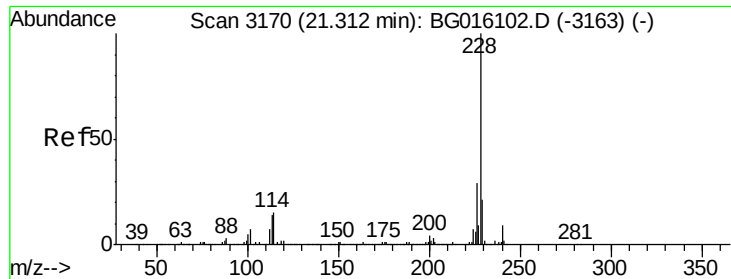


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

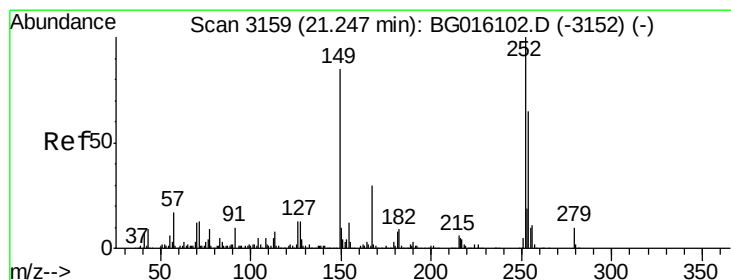
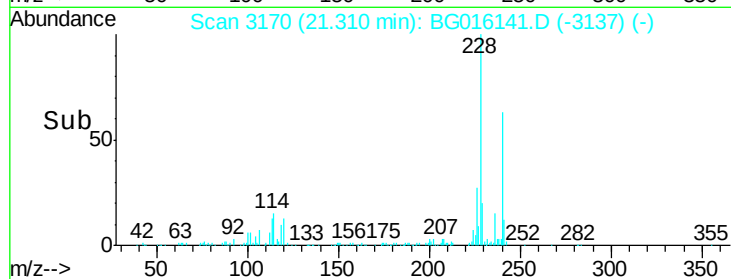
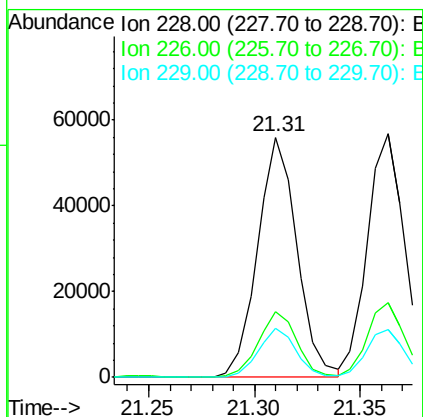
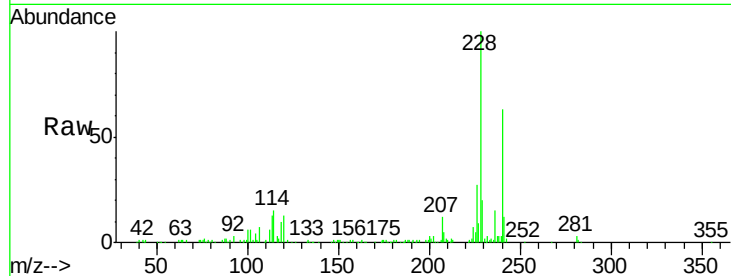




#80
Benzo(a)anthracene
Concen: 3.99 ng
RT: 21.31 min Scan# 3170
Delta R.T. -0.01 min
Lab File: BG016141.D
Acq: 26 Mar 2015 15:46

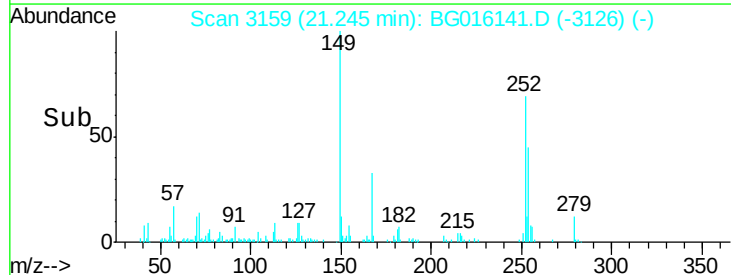
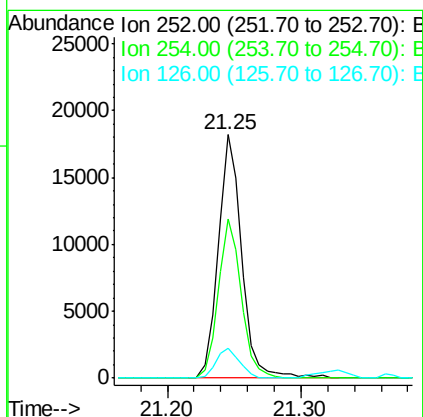
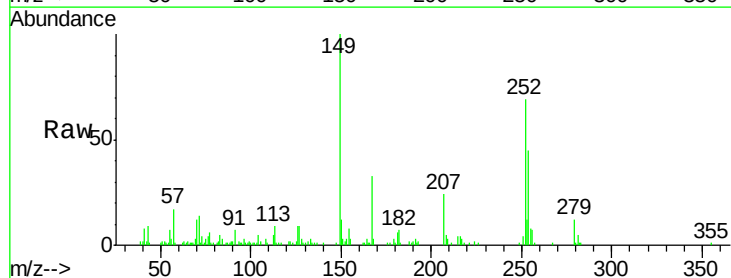
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

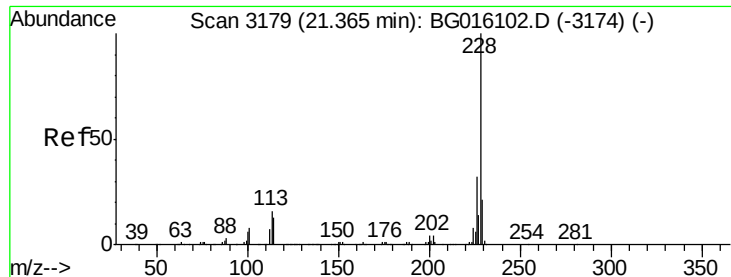
Tgt Ion:228 Resp: 72599
Ion Ratio Lower Upper
228 100
226 27.2 23.0 34.4
229 20.5 16.8 25.2



#81
3,3'-Dichlorobenzidine
Concen: 3.56 ng
RT: 21.25 min Scan# 3159
Delta R.T. -0.01 min
Lab File: BG016141.D
Acq: 26 Mar 2015 15:46

Tgt Ion:252 Resp: 22510
Ion Ratio Lower Upper
252 100
254 65.3 51.7 77.5
126 12.3 10.6 16.0





#82

Chrysene

Concen: 4.23 ng

RT: 21.36 min Scan# 3179

Delta R.T. -0.00 min

Lab File: BG016141.D

Acq: 26 Mar 2015 15:46

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

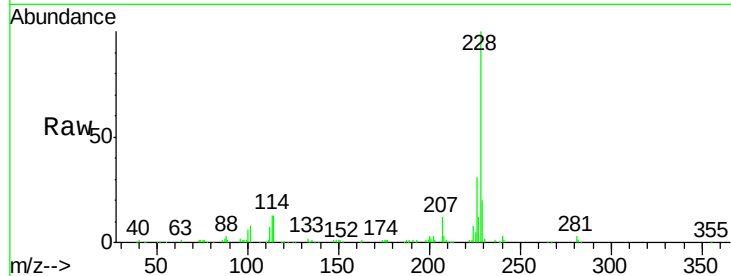
Tgt Ion:228 Resp: 70608

Ion Ratio Lower Upper

228 100

226 30.7 25.7 38.5

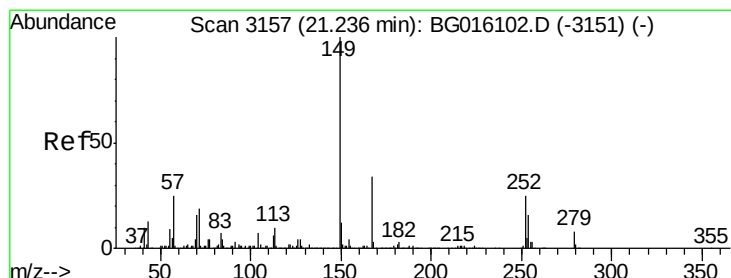
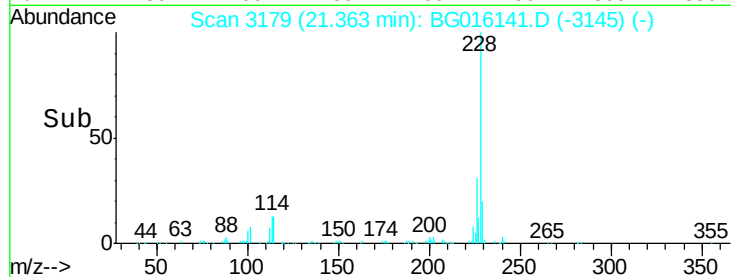
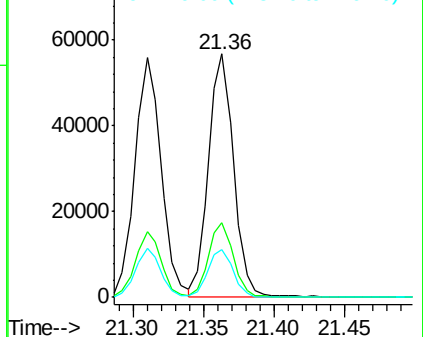
229 19.7 17.0 25.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 3.44 ng

RT: 21.24 min Scan# 3158

Delta R.T. -0.00 min

Lab File: BG016141.D

Acq: 26 Mar 2015 15:46

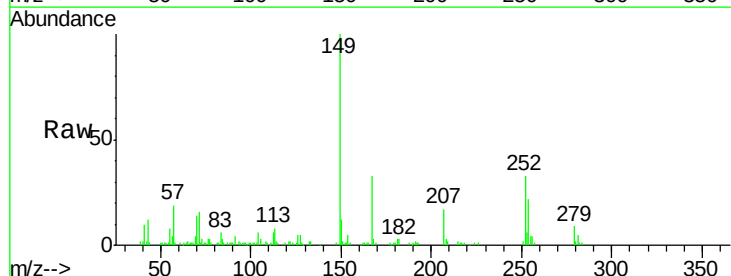
Tgt Ion:149 Resp: 38984

Ion Ratio Lower Upper

149 100

167 33.2 27.1 40.7

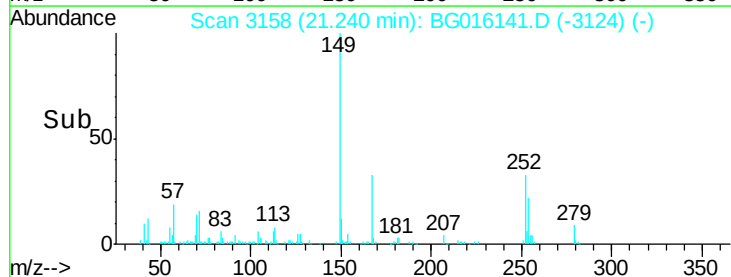
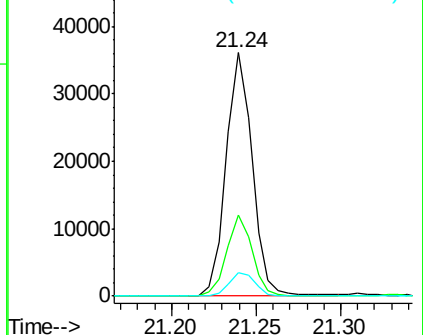
279 9.5 6.4 9.6

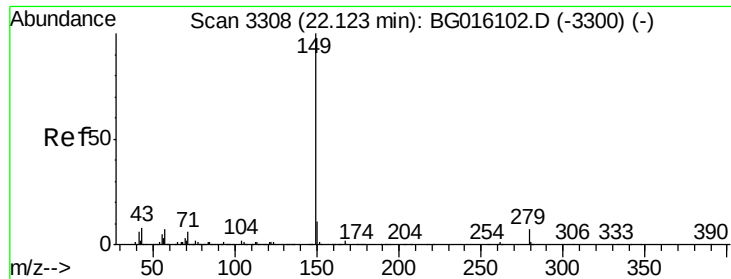


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

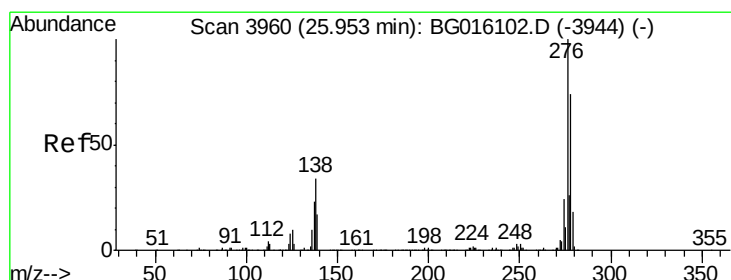
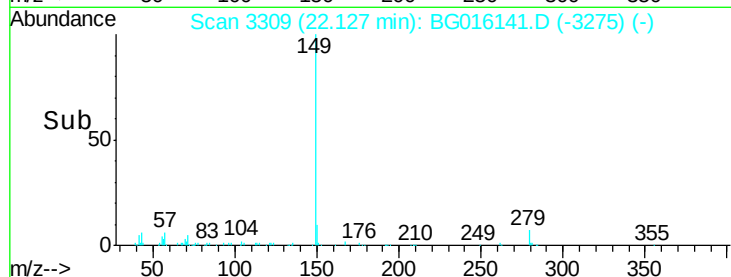
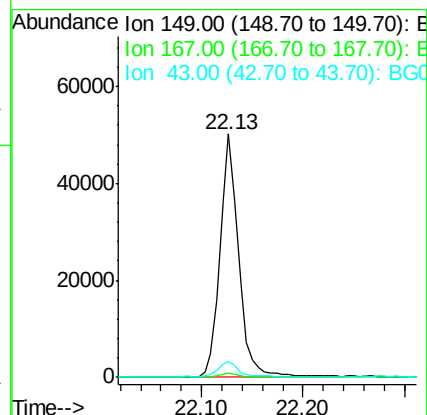
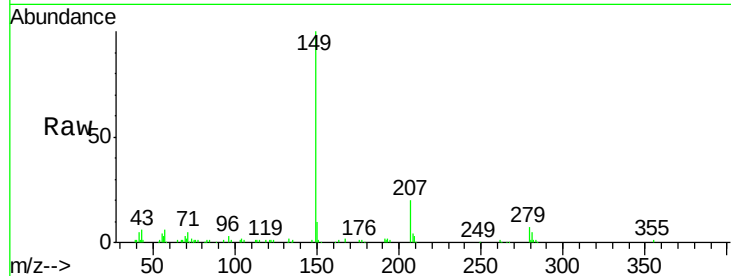




#84
Di-n-octyl phthalate
Concen: 3.39 ng
RT: 22.13 min Scan# 3309
Delta R.T. -0.00 min
Lab File: BG016141.D
Acq: 26 Mar 2015 15:46

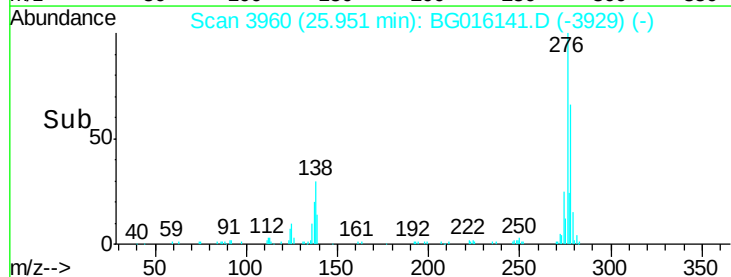
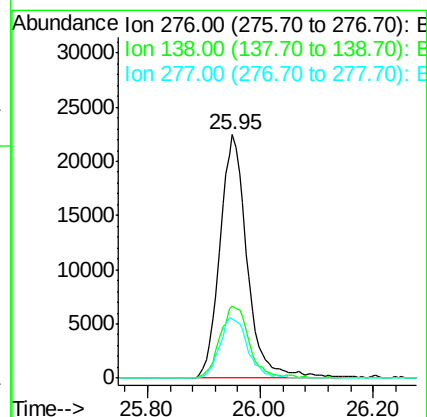
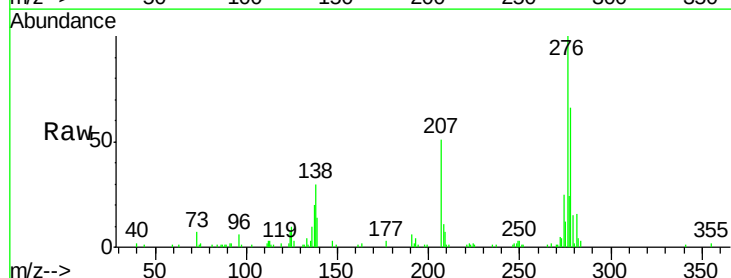
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

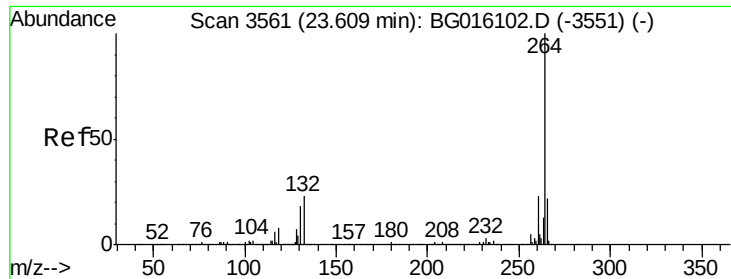
Tgt Ion:149 Resp: 64863
Ion Ratio Lower Upper
149 100
167 1.5 1.4 2.0
43 7.7 6.1 9.1



#85
Indeno(1,2,3-cd)pyrene
Concen: 3.51 ng
RT: 25.95 min Scan# 3960
Delta R.T. -0.02 min
Lab File: BG016141.D
Acq: 26 Mar 2015 15:46

Tgt Ion:276 Resp: 75350
Ion Ratio Lower Upper
276 100
138 31.2 26.9 40.3
277 25.0 20.7 31.1

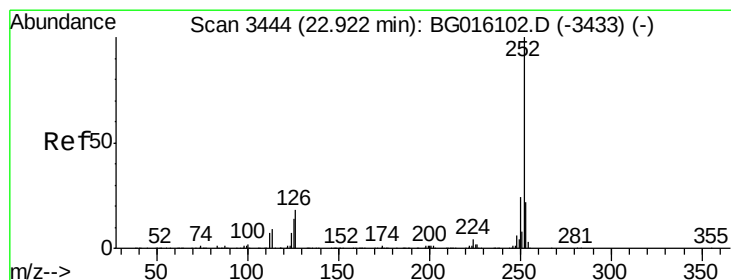
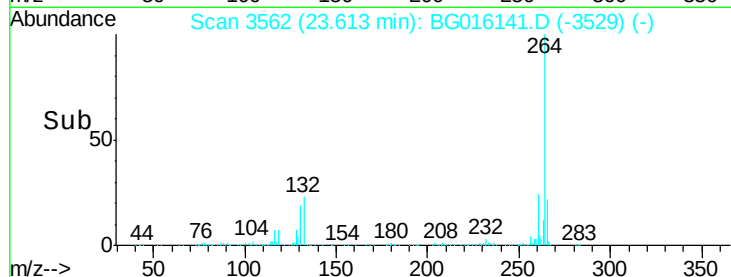
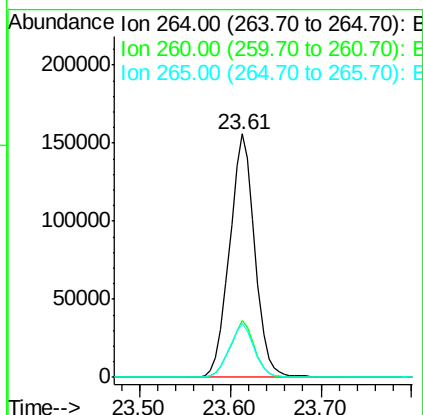
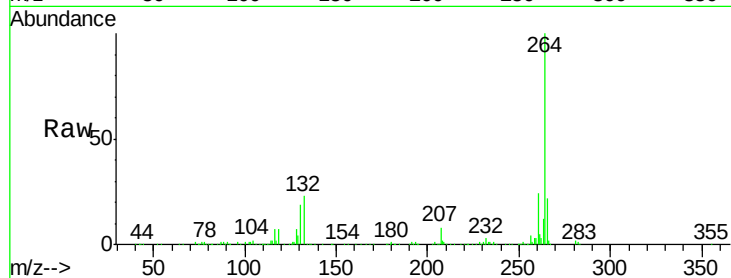




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.61 min Scan# 3562
Delta R.T. -0.01 min
Lab File: BG016141.D
Acq: 26 Mar 2015 15:46

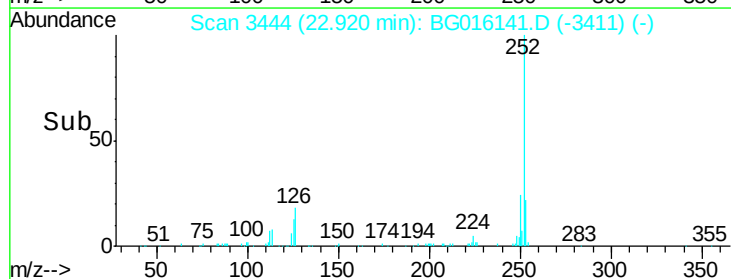
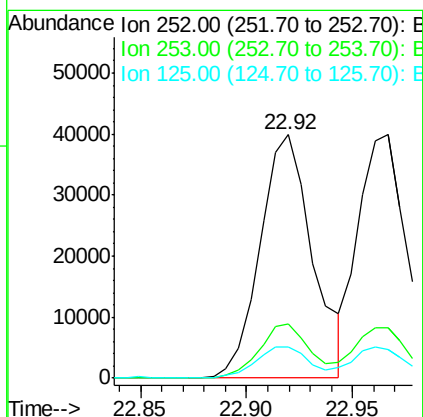
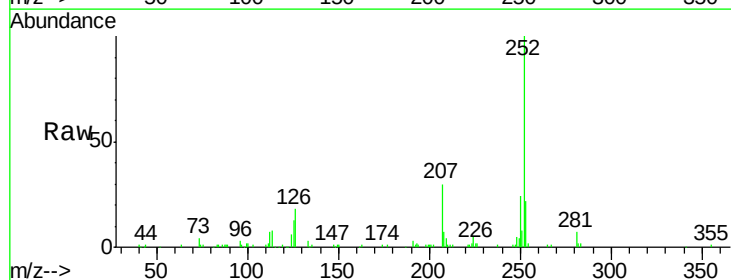
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

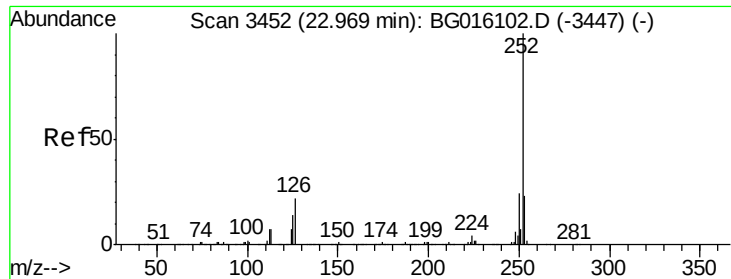
Tgt Ion:264 Resp: 302835
Ion Ratio Lower Upper
264 100
260 23.5 18.4 27.6
265 22.1 17.3 25.9



#87
Benzo(b)fluoranthene
Concen: 3.92 ng
RT: 22.92 min Scan# 3444
Delta R.T. -0.01 min
Lab File: BG016141.D
Acq: 26 Mar 2015 15:46

Tgt Ion:252 Resp: 68758
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 12.9 11.1 16.7





#88

Benzo(k)fluoranthene

Concen: 3.84 ng

RT: 22.97 min Scan# 3452

Delta R.T. -0.01 min

Lab File: BG016141.D

Acq: 26 Mar 2015 15:46

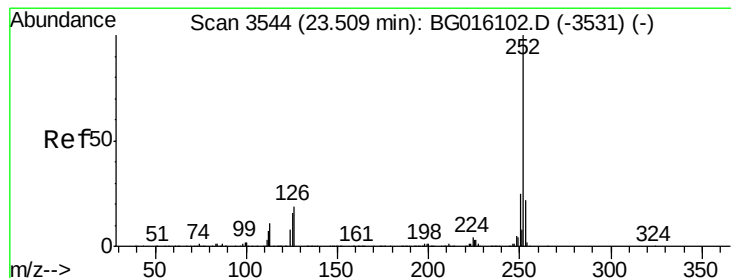
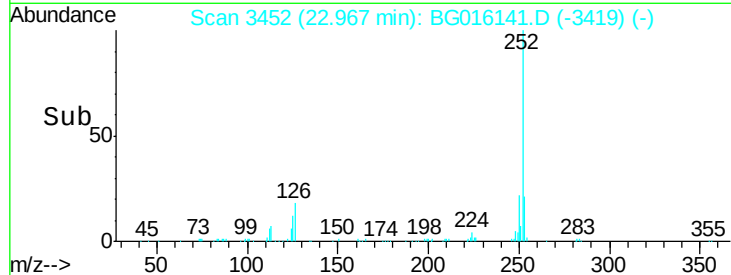
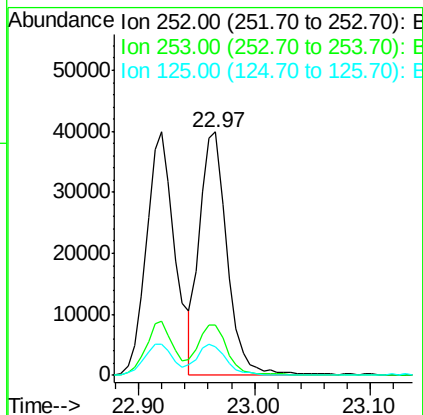
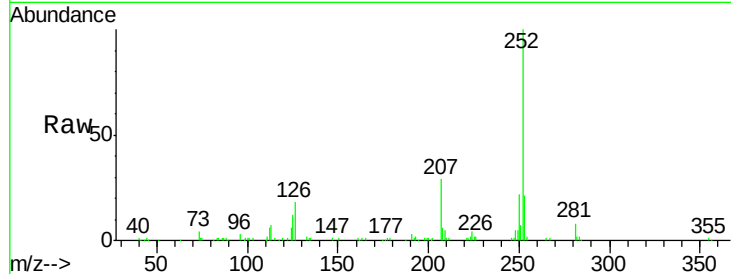
Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

Tgt Ion:	252	Resp:	65603
Ion Ratio	Lower	Upper	
252	100		
253	20.9	18.2	27.4
125	11.6	11.0	16.4



#89

Benzo(a)pyrene

Concen: 3.93 ng

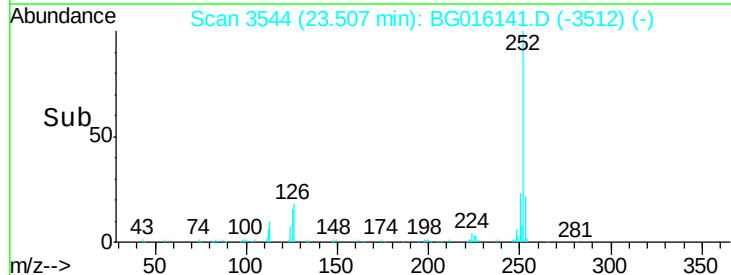
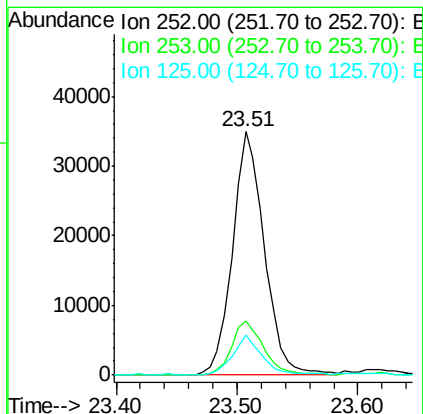
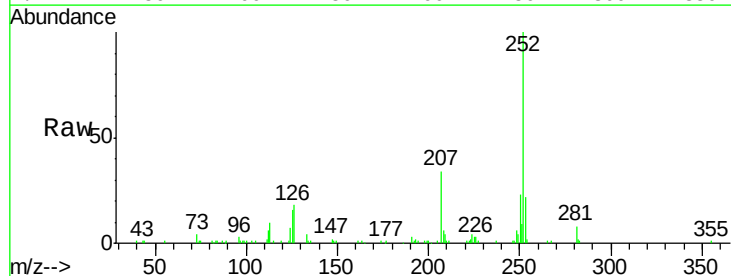
RT: 23.51 min Scan# 3544

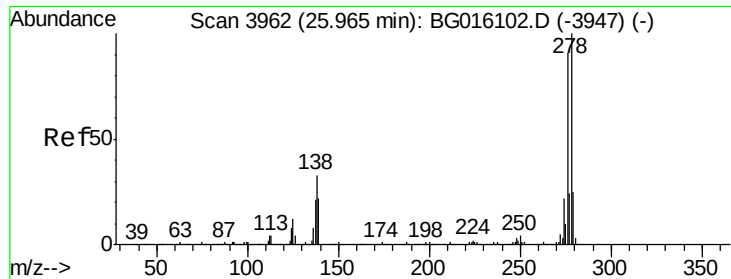
Delta R.T. -0.01 min

Lab File: BG016141.D

Acq: 26 Mar 2015 15:46

Tgt Ion:	252	Resp:	64185
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.9	26.9
125	16.4	12.5	18.7





#90

Dibenzo(a,h)anthracene

Concen: 3.71 ng

RT: 25.97 min Scan# 3963

Delta R.T. -0.01 min

Lab File: BG016141.D

Acq: 26 Mar 2015 15:46

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

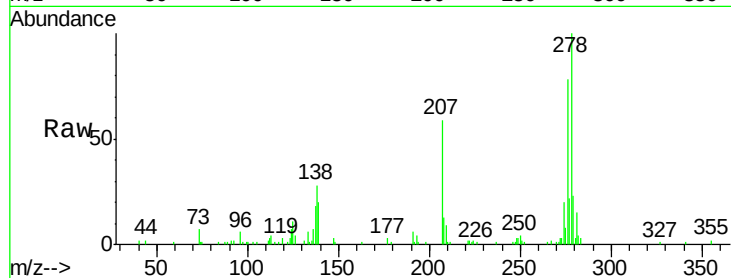
Tgt Ion:278 Resp: 63255

Ion Ratio Lower Upper

278 100

139 20.1 17.8 26.8

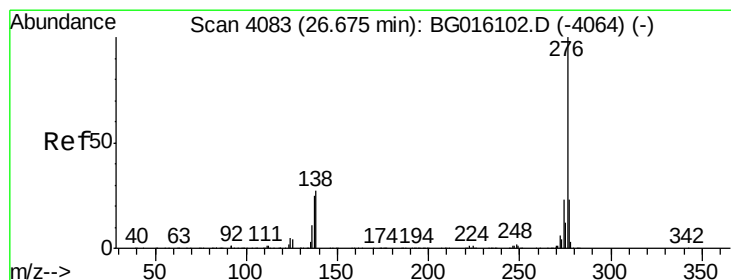
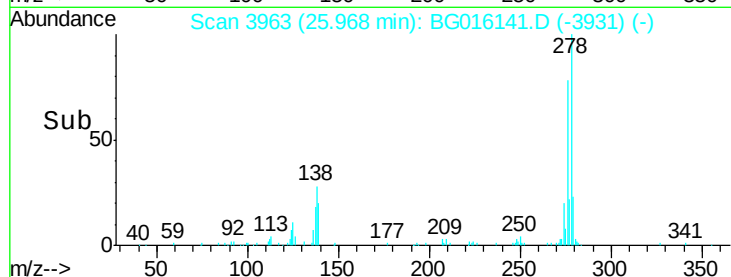
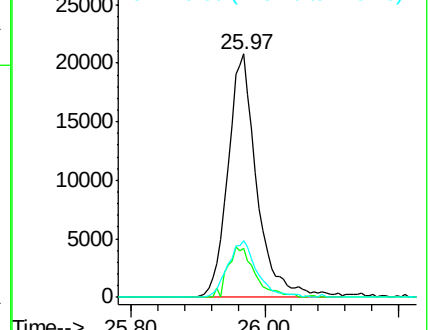
279 23.4 19.9 29.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 3.67 ng

RT: 26.67 min Scan# 4082

Delta R.T. -0.02 min

Lab File: BG016141.D

Acq: 26 Mar 2015 15:46

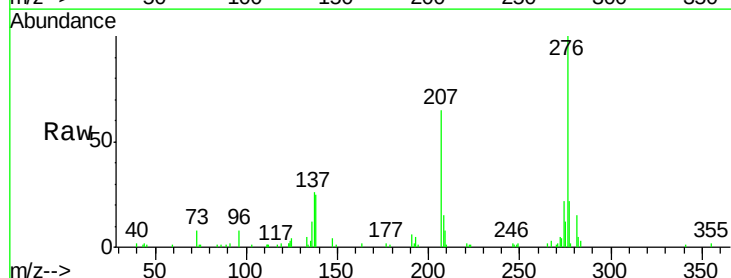
Tgt Ion:276 Resp: 61935

Ion Ratio Lower Upper

276 100

277 21.9 18.7 28.1

138 25.3 22.0 33.0



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

