

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071618\
 Data File : BG035665.D
 Acq On : 16 Jul 2018 12:04
 Operator : JU/SJ
 Sample : J3542-04MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LS-SOIL-1MSD

Quant Time: Jul 16 12:59:55 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 12 14:43:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	53484	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	199831	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	145374	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	382925	20.00	ng	0.00
75) Chrysene-d12	21.69	240	398630	20.00	ng	0.00
86) Perylene-d12	24.91	264	392624	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	437651	135.85	ng	0.00
7) Phenol-d6	7.22	99	590639	122.89	ng	0.00
23) Nitrobenzene-d5	9.22	82	464902	97.19	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	313989	163.87	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	1007099	92.81	ng	0.00
78) Terphenyl-d14	20.02	244	1766107	97.66	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.56	88	50020	30.507	ng	# 73
3) Pyridine	3.96	79	120996	28.267	ng	# 71
4) n-Nitrosodimethylamine	3.86	42	63071	34.317	ng	# 87
6) Aniline	7.39	93	114405	18.364	ng	96
8) 2-Chlorophenol	7.63	128	149077	45.500	ng	97
9) Benzaldehyde	7.19	77	90179	30.578	ng	96
10) Phenol	7.25	94	195077	40.173	ng	95
11) bis(2-Chloroethyl)ether	7.48	93	160469	42.197	ng	91
12) 1,3-Dichlorobenzene	8.42	146	163389	41.296	ng	96
13) 1,4-Dichlorobenzene	8.09	146	172385	42.881	ng	94
14) 1,2-Dichlorobenzene	8.42	146	163391	42.308	ng	98
15) Benzyl Alcohol	8.29	79	188937	43.288	ng	89
16) 2,2'-oxybis(1-Chloropropan	8.58	45	183791	57.647	ng	73
17) 2-Methylphenol	8.50	107	148965	45.120	ng	# 92
18) Hexachloroethane	9.14	117	63198	41.116	ng	92
19) n-Nitroso-di-n-propylamine	8.86	70	156385	38.638	ng	# 85
20) 3+4-Methylphenols	8.83	107	207722	45.353	ng	93
22) Acetophenone	8.88	105	276924	44.563	ng	# 92
24) Nitrobenzene	9.26	77	224298	46.624	ng	91
25) Isophorone	9.78	82	441000	49.663	ng	98
26) 2-Nitrophenol	9.97	139	88562	51.834	ng	# 89
27) 2,4-Dimethylphenol	10.03	122	162314	56.123	ng	92
28) bis(2-Chloroethoxy)methane	10.26	93	234096	47.843	ng	95
29) 2,4-Dichlorophenol	10.51	162	181711	55.041	ng	89
30) 1,2,4-Trichlorobenzene	10.72	180	188485	46.560	ng	95
31) Naphthalene	10.91	128	497359	47.780	ng	98
32) Benzoic acid	10.18	122	85458	43.894	ng	94
33) 4-Chloroaniline	11.04	127	13072	2.881	ng	# 86
34) Hexachlorobutadiene	11.19	225	145813	46.191	ng	97
35) Caprolactam	11.79	113	29482	20.810	ng	# 69
36) 4-Chloro-3-methylphenol	12.14	107	223033	50.401	ng	95
37) 2-Methylnaphthalene	12.51	142	376514	48.550	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	252503	46.019	ng	98
40) Hexachlorocyclopentadiene	12.86	237	334451	116.227	ng	95

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071618\
 Data File : BG035665.D
 Acq On : 16 Jul 2018 12:04
 Operator : JU/SJ
 Sample : J3542-04MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LS-SOIL-1MSD

Quant Time: Jul 16 12:59:55 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 12 14:43:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	169988	52.976	ng	99
43) 2,4,5-Trichlorophenol	13.19	196	186592	51.981	ng	95
45) 1,1'-Biphenyl	13.52	154	530230	47.045	ng	99
46) 2-Chloronaphthalene	13.56	162	413924	47.215	ng	98
47) 2-Nitroaniline	13.76	65	156170	50.388	ng	97
48) Acenaphthylene	14.40	152	687859	46.839	ng	95
49) Dimethylphthalate	14.13	163	586316	46.033	ng	99
50) 2,6-Dinitrotoluene	14.25	165	133901	51.625	ng	96
51) Acenaphthene	14.74	154	405742	44.352	ng	99
52) 3-Nitroaniline	14.58	138	48193	18.179	ng #	92
53) 2,4-Dinitrophenol	14.79	184	150241	109.957	ng #	69
54) Dibenzofuran	15.08	168	677845	46.590	ng	95
55) 4-Nitrophenol	14.90	139	173957	92.143	ng	89
56) 2,4-Dinitrotoluene	15.04	165	196229	52.735	ng	93
57) Fluorene	15.72	166	561736	46.066	ng	96
58) 2,3,4,6-Tetrachlorophenol	15.30	232	182161	52.927	ng	96
59) Diethylphthalate	15.49	149	588381	44.925	ng	98
60) 4-Chlorophenyl-phenylether	15.71	204	326609	45.571	ng	98
61) 4-Nitroaniline	15.75	138	129584	46.730	ng #	79
62) Azobenzene	16.01	77	602465	46.636	ng	96
64) 4,6-Dinitro-2-methylphenol	15.81	198	108216	50.767	ng	83
65) n-Nitrosodiphenylamine	15.93	169	504984	46.331	ng	99
66) 4-Bromophenyl-phenylether	16.61	248	220856	49.713	ng	93
67) Hexachlorobenzene	16.73	284	224582	49.089	ng	98
68) Atrazine	16.88	200	229560	51.154	ng	96
69) Pentachlorophenol	17.08	266	250369	89.847	ng	98
70) Phenanthrene	17.46	178	906568	47.446	ng	98
71) Anthracene	17.56	178	927743	48.763	ng	98
72) Carbazole	17.82	167	843796	46.700	ng	98
73) Di-n-butylphthalate	18.37	149	969126	45.389	ng #	98
74) Fluoranthene	19.47	202	1174467	45.633	ng	96
76) Benzidine	19.65	184	68052	6.493	ng	98
77) Pyrene	19.83	202	1167538	46.320	ng	95
79) Butylbenzylphthalate	20.71	149	439827	48.795	ng	98
80) Benzo(a)anthracene	21.67	228	1181155	47.548	ng	98
81) 3,3'-Dichlorobenzidine	21.58	252	231505	26.727	ng #	95
82) Chrysene	21.73	228	1098099	47.702	ng	97
83) Bis(2-ethylhexyl)phthalate	21.57	149	591601	48.277	ng	100
84) Di-n-octyl phthalate	22.78	149	1005552	49.008	ng #	94
85) Indeno(1,2,3-cd)pyrene	28.59	276	1286409	50.474	ng #	94
87) Benzo(b)fluoranthene	23.89	252	1109873	46.509	ng #	96
88) Benzo(k)fluoranthene	23.96	252	1090762	46.754	ng #	96
89) Benzo(a)pyrene	24.76	252	1083682	48.813	ng #	96
90) Dibenzo(a,h)anthracene	28.64	278	1057651	48.526	ng	96
91) Benzo(g,h,i)perylene	29.74	276	1058359	49.623	ng #	93

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

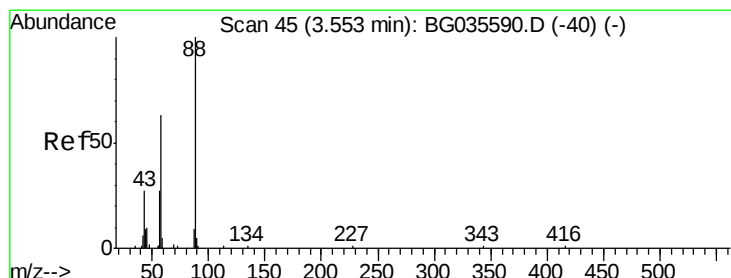
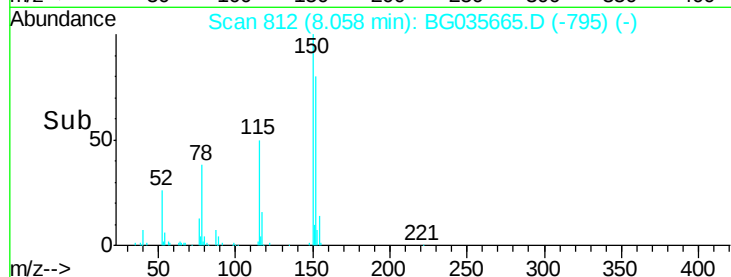
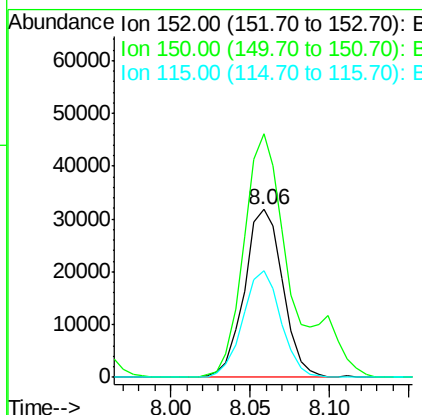
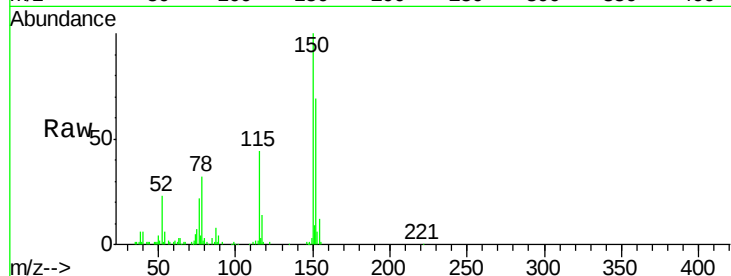


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.00 min
Lab File: BG035665.D
Acq: 16 Jul 2018 12:04

Instrument :
BNA_G
ClientSampleId :
LS-SOIL-1MSD

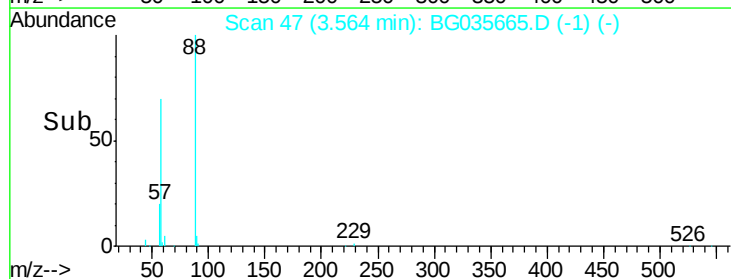
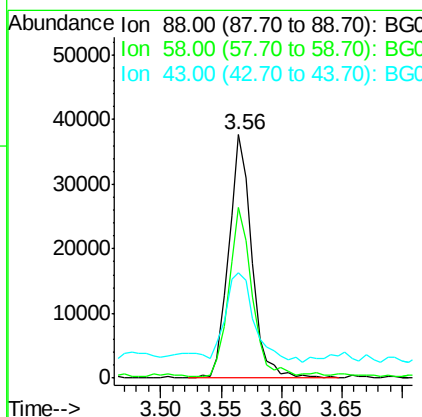
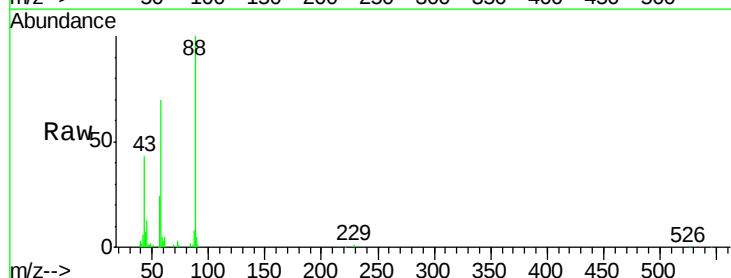
Tgt Ion:152 Resp: 53484
Ion Ratio Lower Upper
152 100
150 145.3 126.6 189.8
115 63.7 53.0 79.4

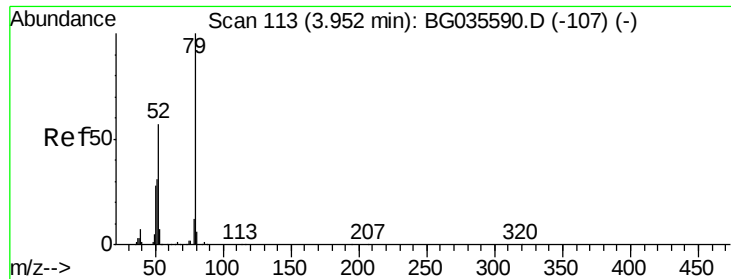


#2

1,4-Dioxane
Concen: 30.507 ng
RT: 3.56 min Scan# 47
Delta R.T. 0.01 min
Lab File: BG035665.D
Acq: 16 Jul 2018 12:04

Tgt Ion: 88 Resp: 50020
Ion Ratio Lower Upper
88 100
58 70.4 79.6 119.4#
43 46.3 27.4 41.0#





#3

Pyridine

Concen: 28.267 ng

RT: 3.96 min Scan# 115

Delta R.T. 0.01 min

Lab File: BG035665.D

Acq: 16 Jul 2018 12:04

Instrument :

BNA_G

ClientSampleId :

LS-SOIL-1MSD

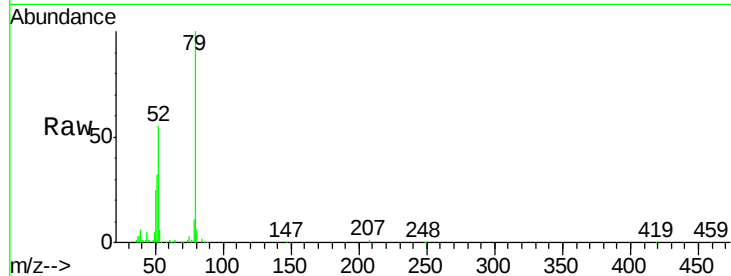
Tgt Ion: 79 Resp: 120996

Ion Ratio Lower Upper

79 100

52 54.8 69.9 104.9#

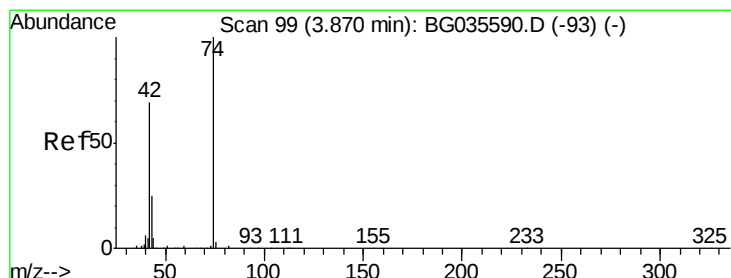
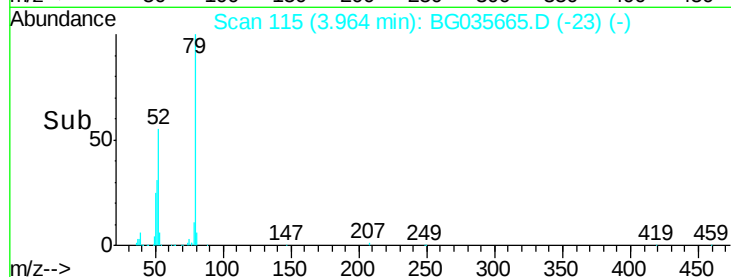
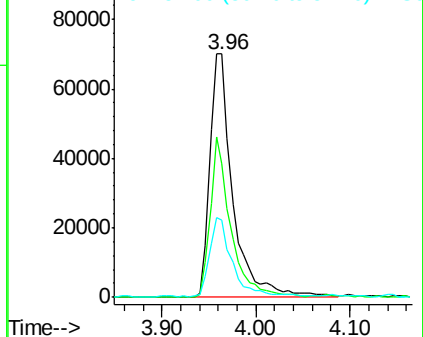
51 31.7 34.0 51.0#



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 34.317 ng

RT: 3.86 min Scan# 98

Delta R.T. -0.01 min

Lab File: BG035665.D

Acq: 16 Jul 2018 12:04

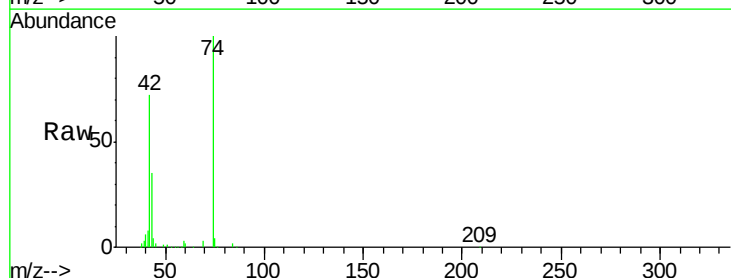
Tgt Ion: 42 Resp: 63071

Ion Ratio Lower Upper

42 100

74 138.6 102.5 153.7

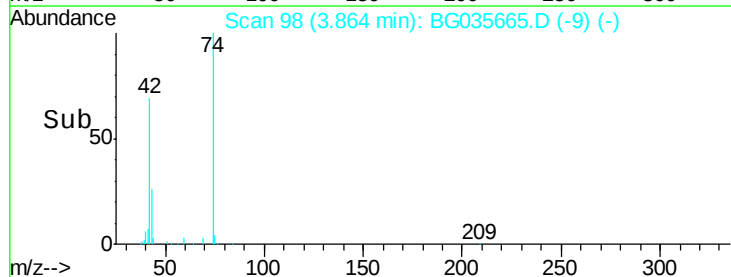
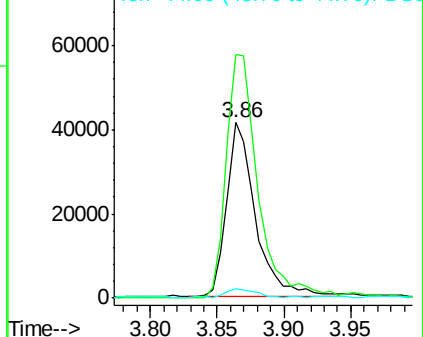
44 5.6 18.9 28.3#

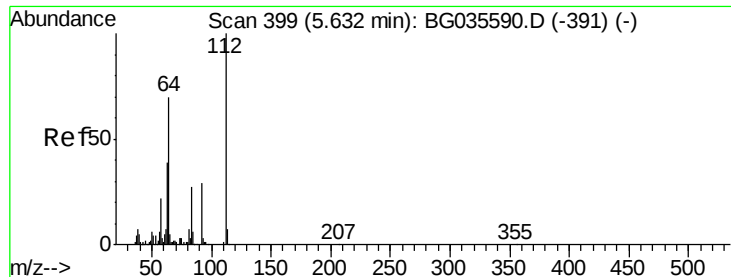


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 135.854 ng

RT: 5.64 min Scan# 400

Delta R.T. 0.01 min

Lab File: BG035665.D

Acq: 16 Jul 2018 12:04

Instrument :

BNA_G

ClientSampleId :

LS-SOIL-1MSD

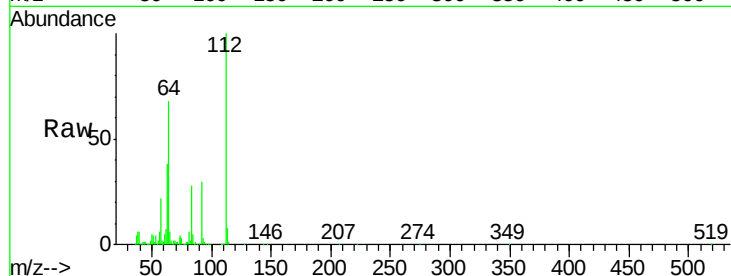
Tgt Ion: 112 Resp: 437651

Ion Ratio Lower Upper

112 100

64 68.3 56.3 84.5

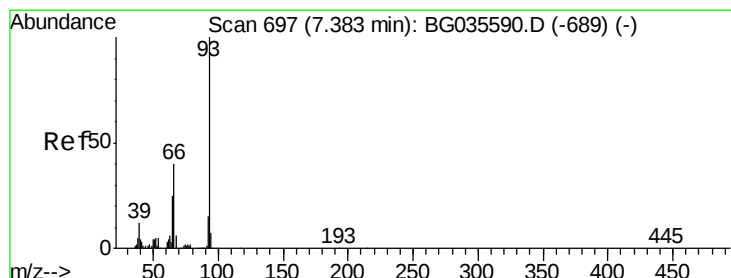
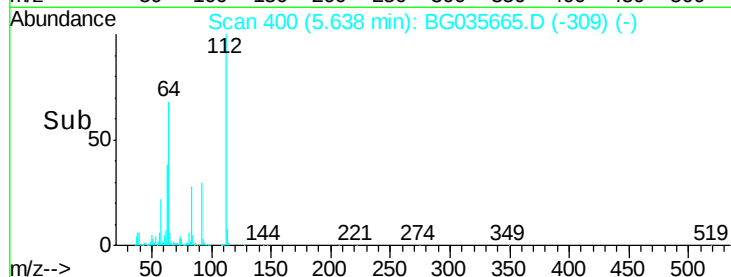
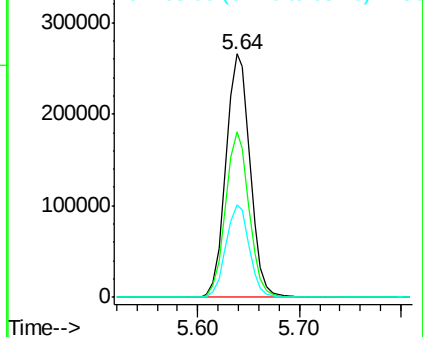
63 38.1 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 18.364 ng

RT: 7.39 min Scan# 698

Delta R.T. 0.01 min

Lab File: BG035665.D

Acq: 16 Jul 2018 12:04

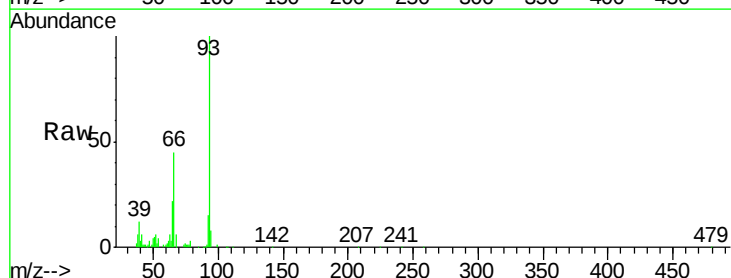
Tgt Ion: 93 Resp: 114405

Ion Ratio Lower Upper

93 100

66 44.8 33.7 50.5

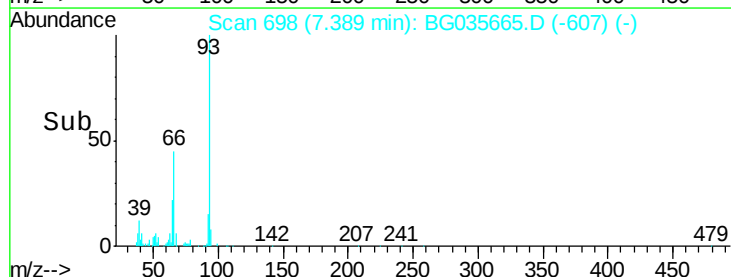
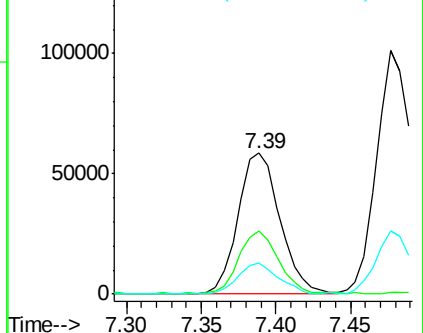
65 22.3 16.1 24.1

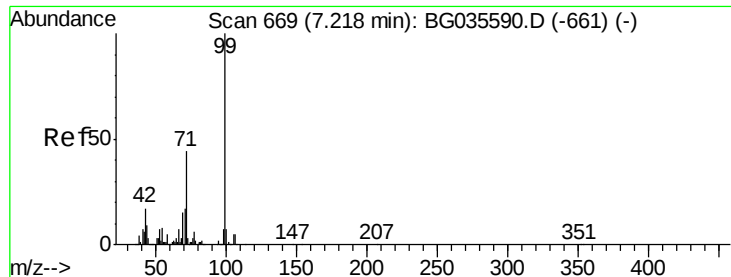


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 122.886 ng

RT: 7.22 min Scan# 670

Delta R.T. 0.01 min

Lab File: BG035665.D

Acq: 16 Jul 2018 12:04

Instrument :

BNA_G

ClientSampleId :

LS-SOIL-1MSD

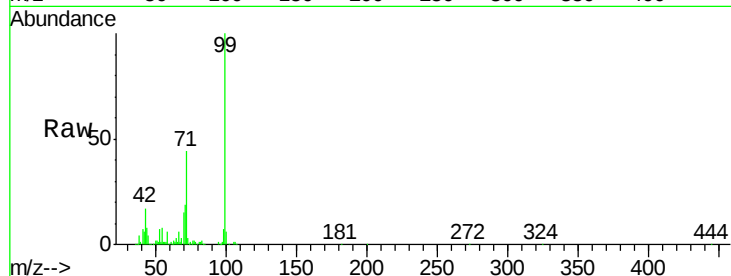
Tgt Ion: 99 Resp: 590639

Ion Ratio Lower Upper

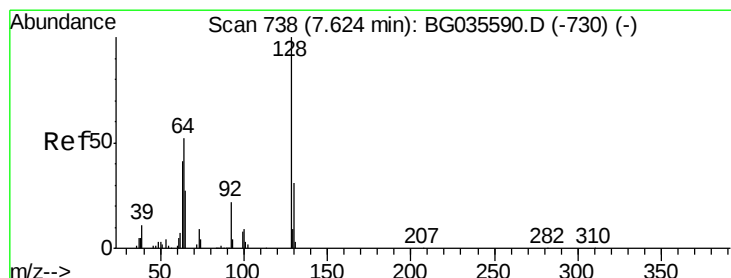
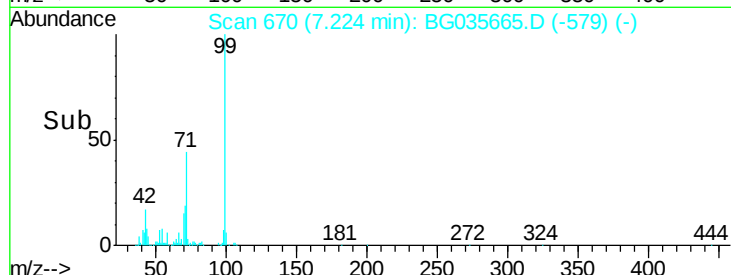
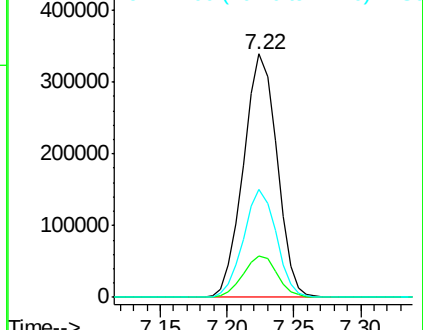
99 100

42 16.9 14.1 21.1

71 44.1 26.1 39.1#



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: 45.500 ng

RT: 7.63 min Scan# 739

Delta R.T. 0.01 min

Lab File: BG035665.D

Acq: 16 Jul 2018 12:04

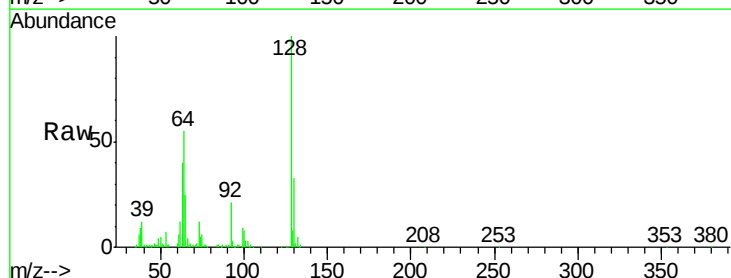
Tgt Ion: 128 Resp: 149077

Ion Ratio Lower Upper

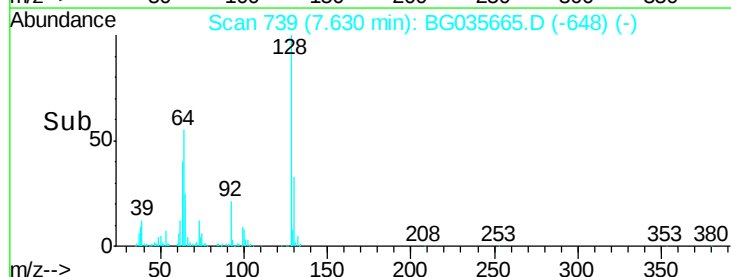
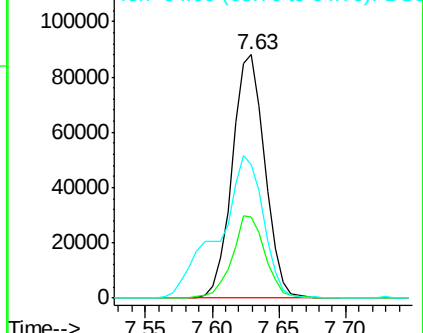
128 100

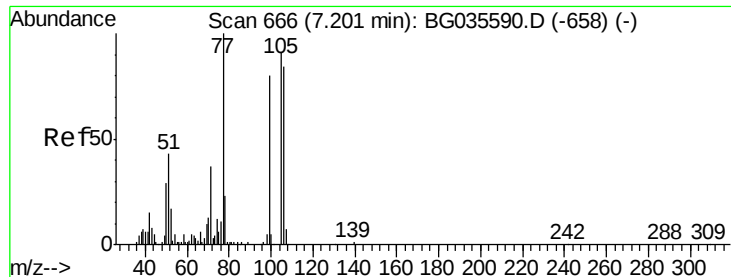
130 33.1 14.0 54.0

64 54.9 37.7 77.7



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: 30.578 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.01 min

Lab File: BG035665.D

Acq: 16 Jul 2018 12:04

Instrument :

BNA_G

ClientSampleId :

LS-SOIL-1MSD

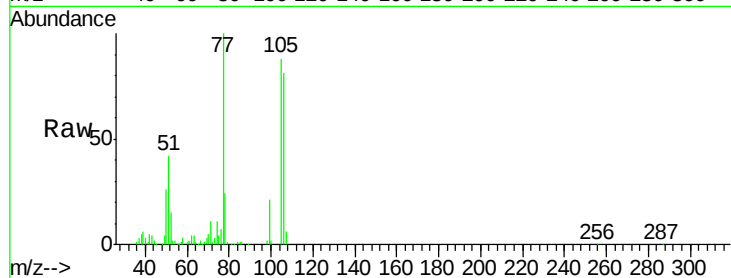
Tgt Ion: 77 Resp: 90179

Ion Ratio Lower Upper

77 100

105 87.6 71.3 111.3

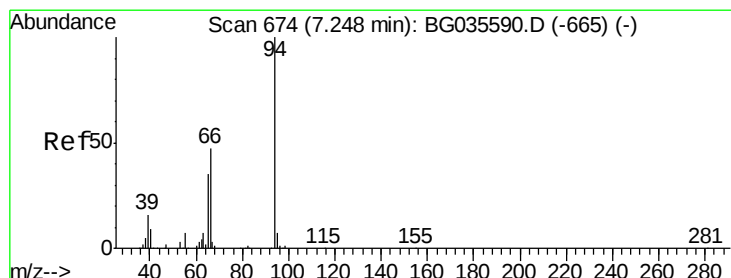
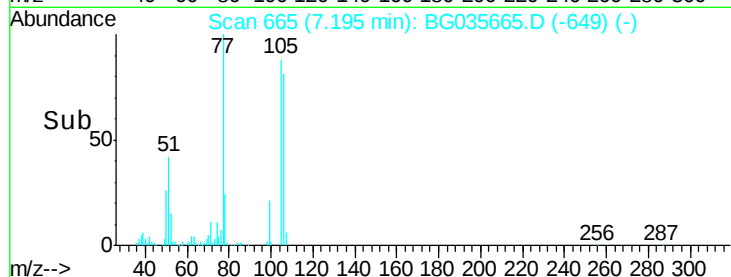
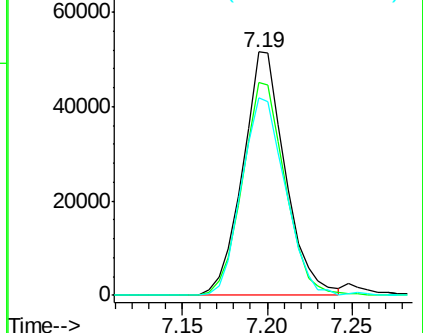
106 81.2 64.2 104.2



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: 40.173 ng

RT: 7.25 min Scan# 675

Delta R.T. 0.01 min

Lab File: BG035665.D

Acq: 16 Jul 2018 12:04

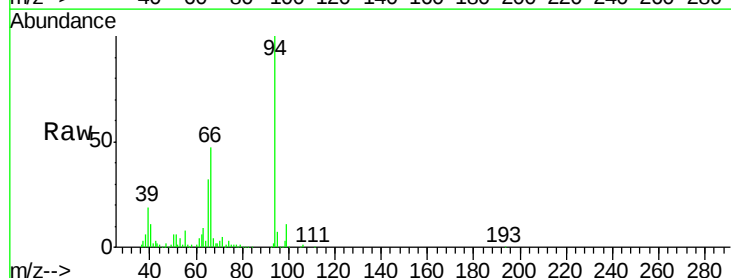
Tgt Ion: 94 Resp: 195077

Ion Ratio Lower Upper

94 100

65 32.5 11.9 51.9

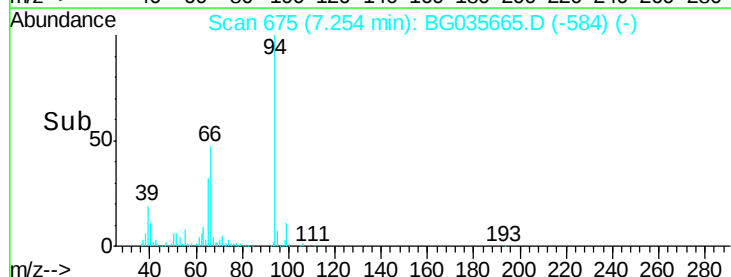
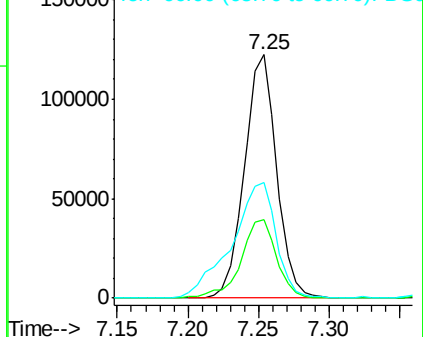
66 47.2 22.2 62.2

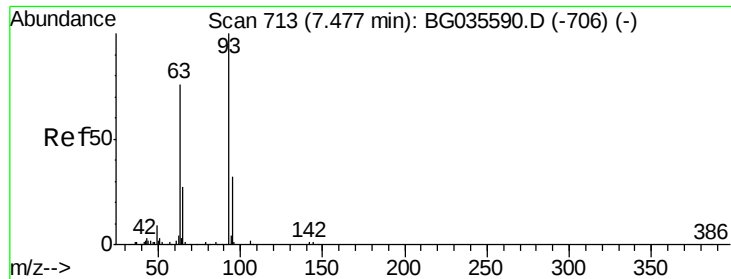


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

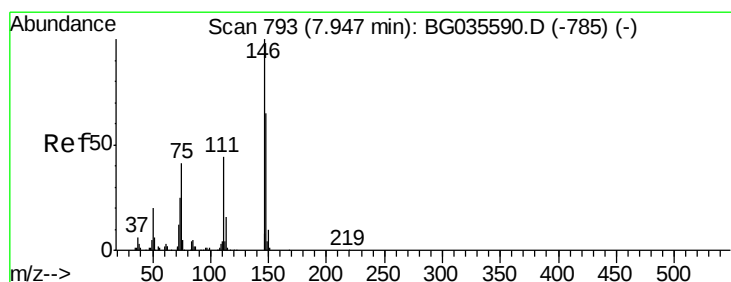
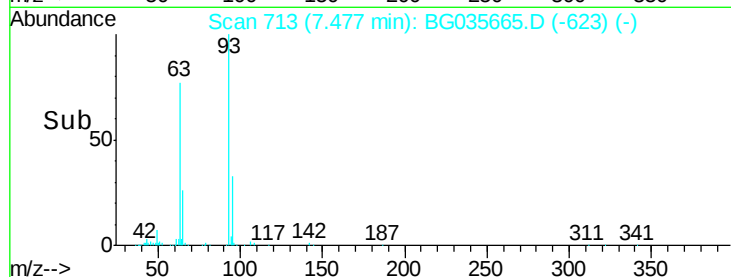
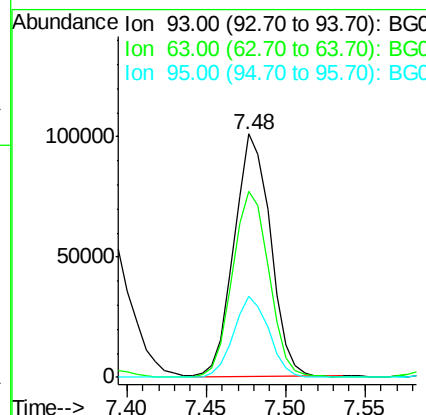
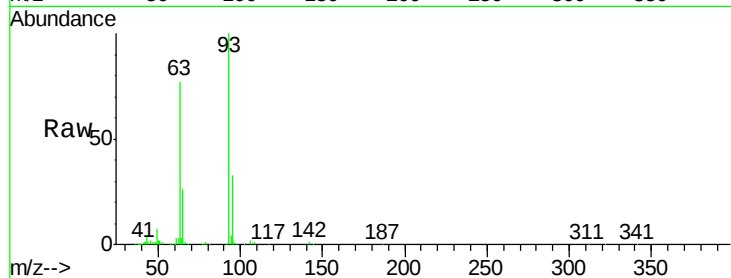




#11
bis(2-Chloroethyl)ether
Concen: 42.197 ng
RT: 7.48 min Scan# 713
Delta R.T. -0.00 min
Lab File: BG035665.D
Acq: 16 Jul 2018 12:04

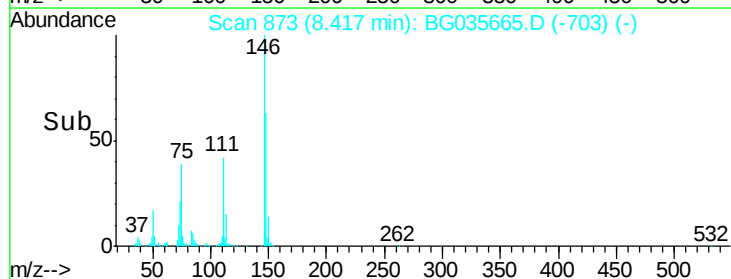
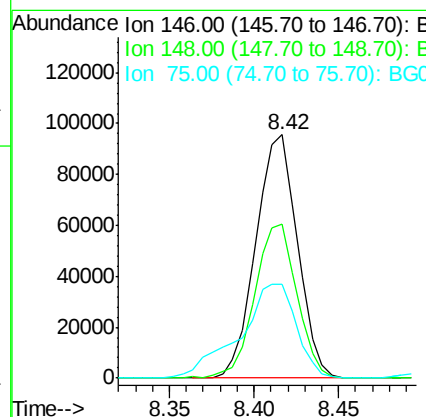
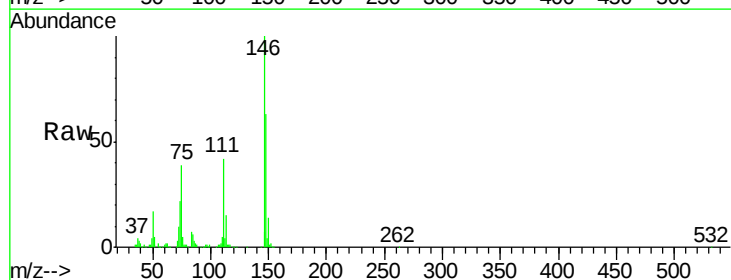
Instrument :
BNA_G
ClientSampleId :
LS-SOIL-1MSD

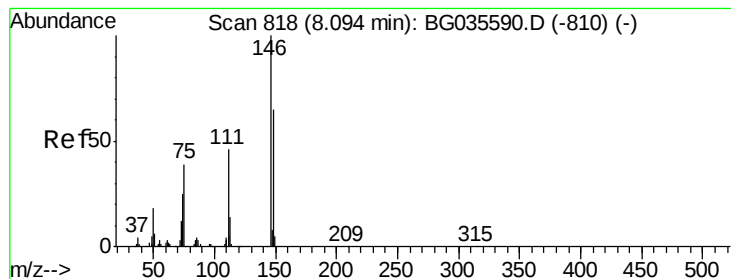
Tgt Ion: 93 Resp: 160469
Ion Ratio Lower Upper
93 100
63 76.6 67.1 107.1
95 33.2 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 41.296 ng
RT: 8.42 min Scan# 873
Delta R.T. 0.47 min
Lab File: BG035665.D
Acq: 16 Jul 2018 12:04

Tgt Ion: 146 Resp: 163389
Ion Ratio Lower Upper
146 100
148 63.1 51.4 77.2
75 38.5 26.6 39.8





#13

1,4-Dichlorobenzene

Concen: 42.881 ng

RT: 8.09 min Scan# 818

Delta R.T. -0.00 min

Lab File: BG035665.D

Acq: 16 Jul 2018 12:04

Instrument :

BNA_G

ClientSampleId :

LS-SOIL-1MSD

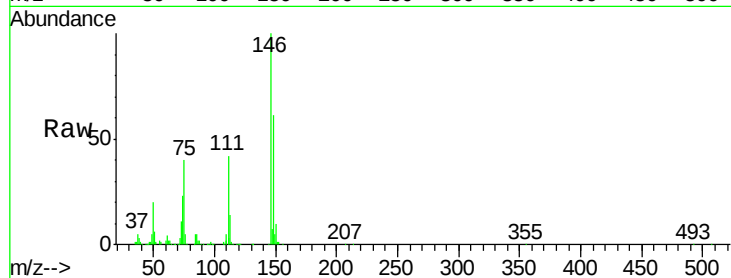
Tgt Ion:146 Resp: 172385

Ion Ratio Lower Upper

146 100

148 60.5 53.7 80.5

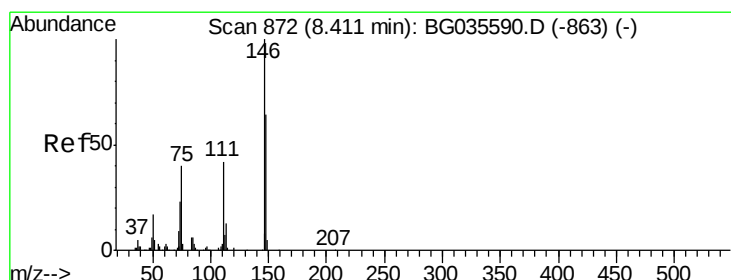
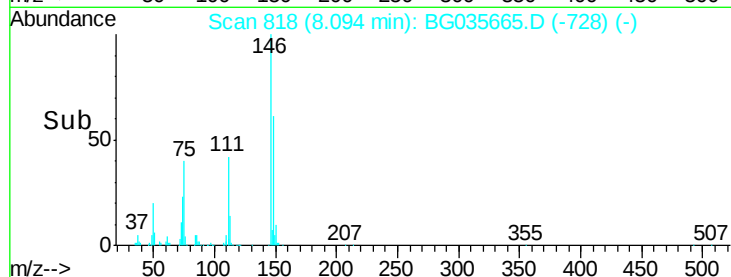
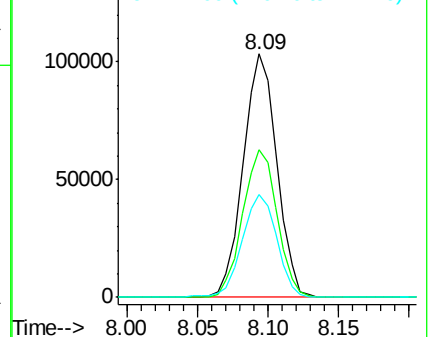
111 42.3 35.2 52.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.308 ng

RT: 8.42 min Scan# 873

Delta R.T. 0.01 min

Lab File: BG035665.D

Acq: 16 Jul 2018 12:04

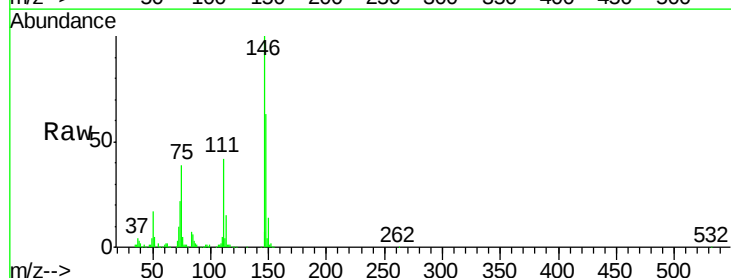
Tgt Ion:146 Resp: 163391

Ion Ratio Lower Upper

146 100

148 63.1 49.3 73.9

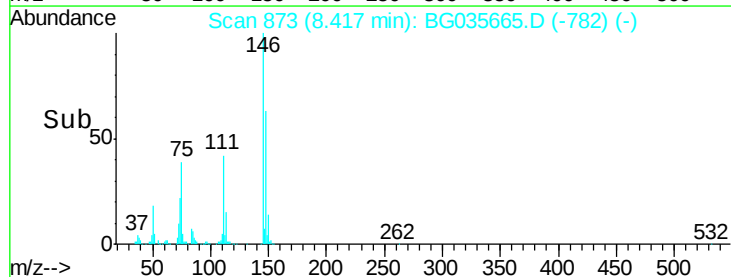
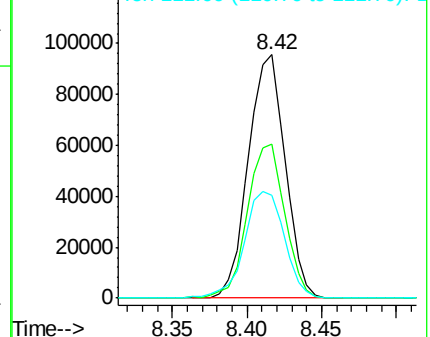
111 42.1 34.3 51.5

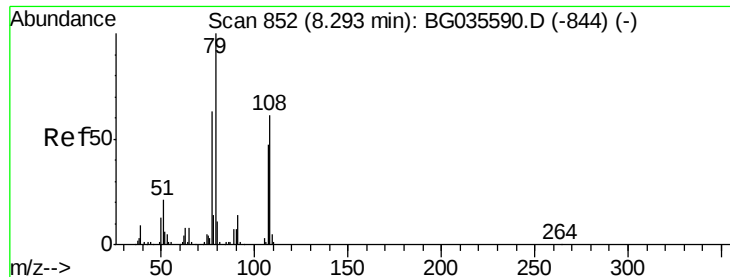


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

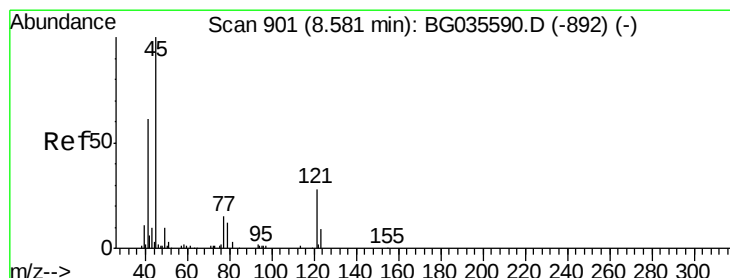
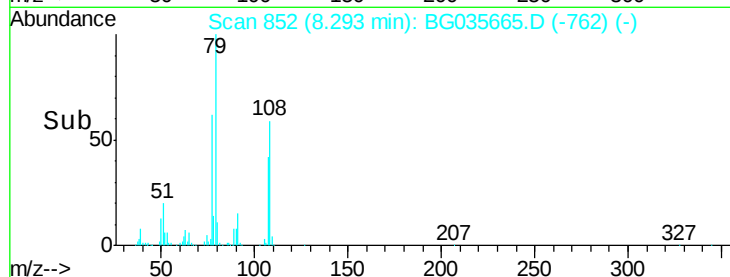
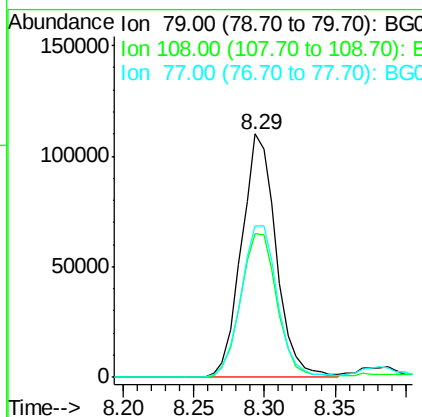
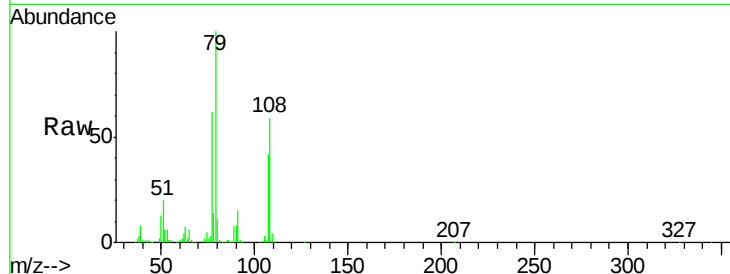




#15
Benzyl Alcohol
Concen: 43.288 ng
RT: 8.29 min Scan# 852
Delta R.T. -0.00 min
Lab File: BG035665.D
Acq: 16 Jul 2018 12:04

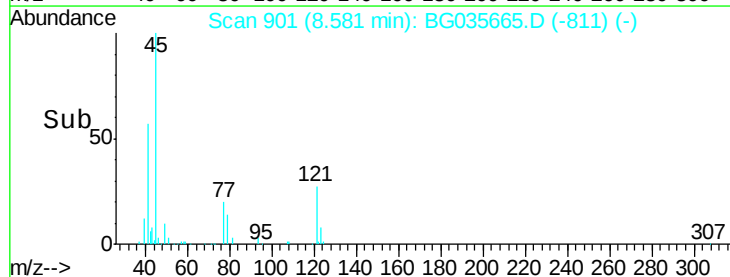
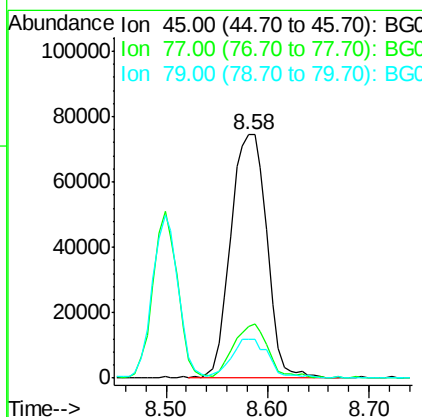
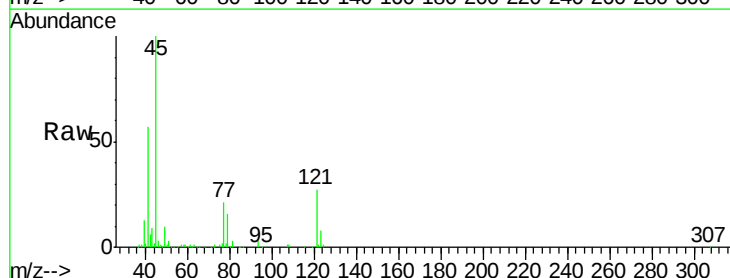
Instrument :
BNA_G
ClientSampleId :
LS-SOIL-1MSD

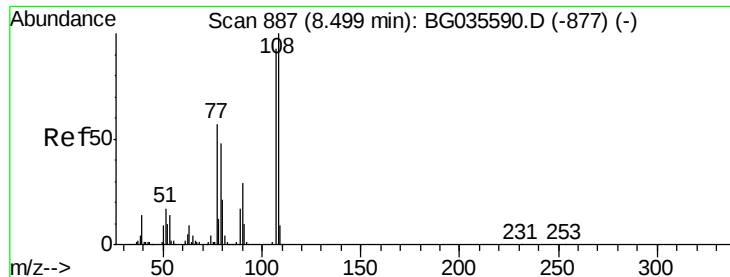
Tgt Ion: 79 Resp: 188937
Ion Ratio Lower Upper
79 100
108 59.3 57.2 85.8
77 62.2 46.1 69.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 57.647 ng
RT: 8.58 min Scan# 901
Delta R.T. -0.00 min
Lab File: BG035665.D
Acq: 16 Jul 2018 12:04

Tgt Ion: 45 Resp: 183791
Ion Ratio Lower Upper
45 100
77 21.3 0.0 30.2
79 15.8 0.0 27.9

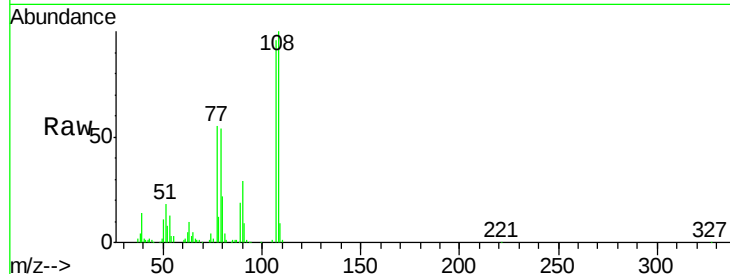




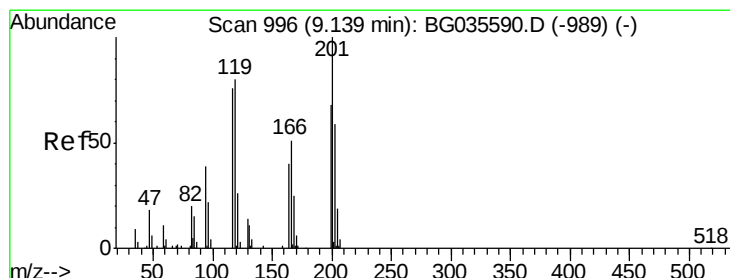
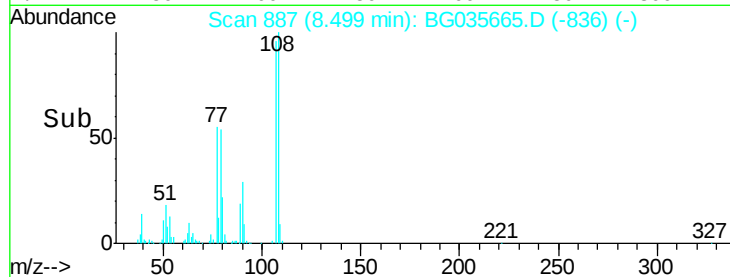
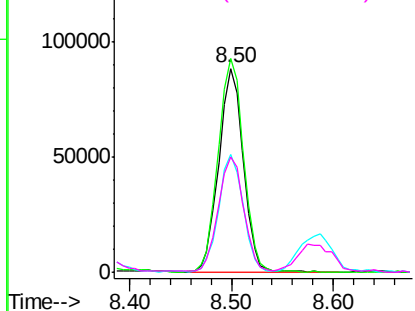
#17
2-Methylphenol
Concen: 45.120 ng
RT: 8.50 min Scan# 887
Delta R.T. -0.00 min
Lab File: BG035665.D
Acq: 16 Jul 2018 12:04

Instrument :
BNA_G
ClientSampleId :
LS-SOIL-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	148965		
108	104.6	83.9	125.9	
77	57.7	37.2	55.8#	
79	56.3	36.2	54.2#	

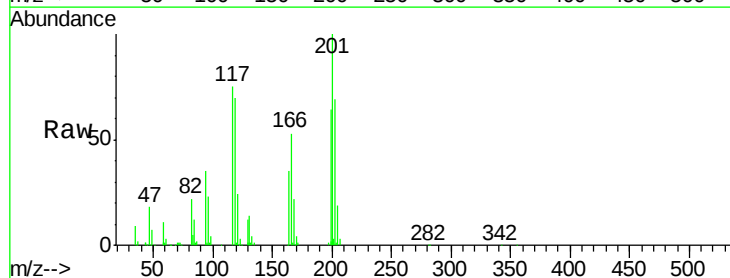


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

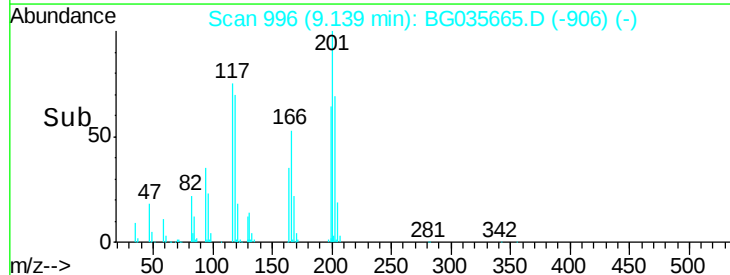
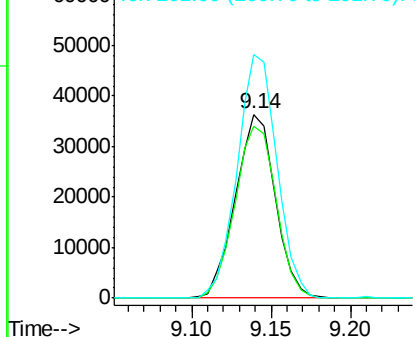


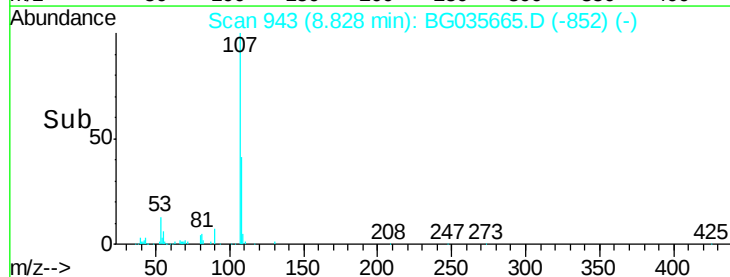
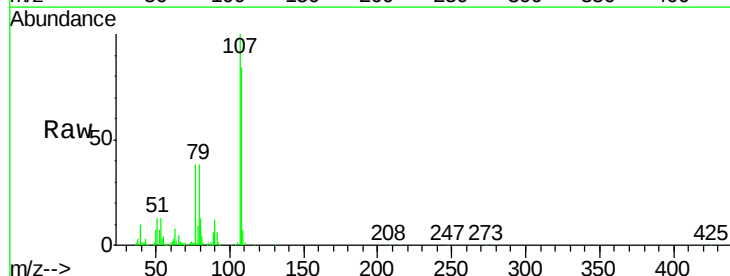
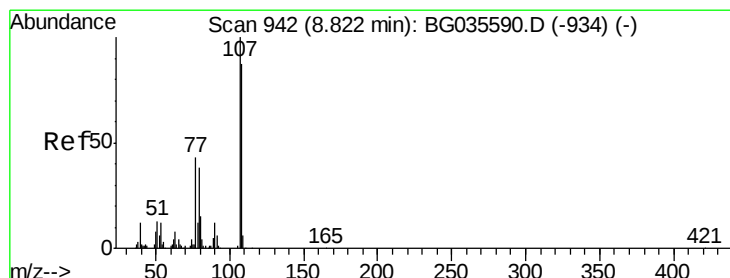
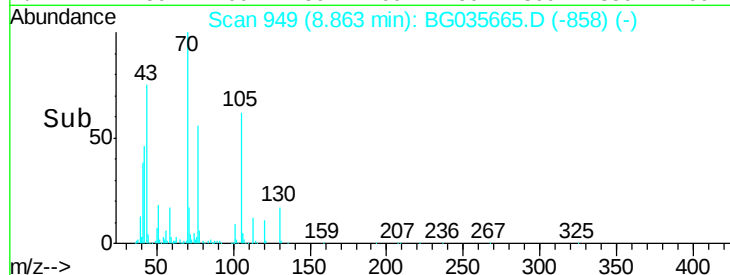
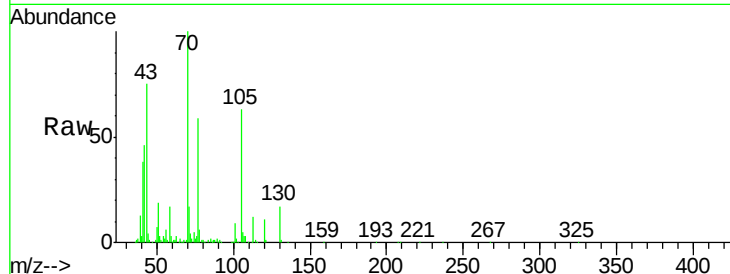
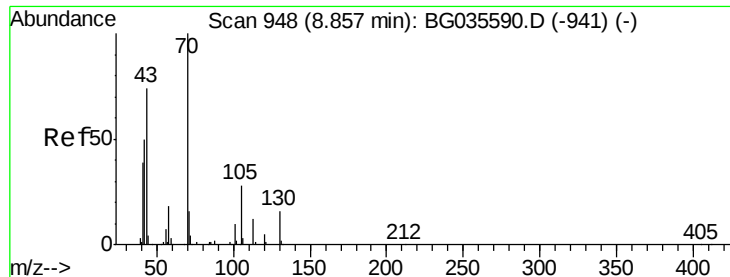
#18
Hexachloroethane
Concen: 41.116 ng
RT: 9.14 min Scan# 996
Delta R.T. -0.00 min
Lab File: BG035665.D
Acq: 16 Jul 2018 12:04

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	63198		
119	93.3	76.7	115.1	
201	132.5	95.7	143.5	



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

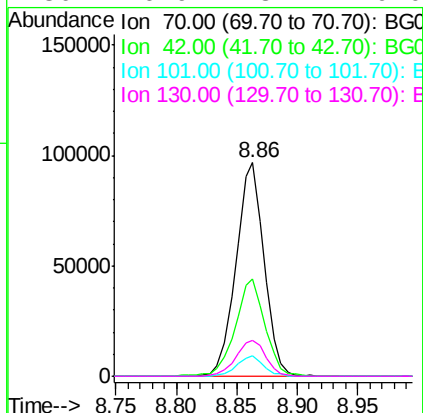




#19
n-Nitroso-di-n-propylamine
Concen: 38.638 ng
RT: 8.86 min Scan# 949
Delta R.T. 0.01 min
Lab File: BG035665.D
Acq: 16 Jul 2018 12:04

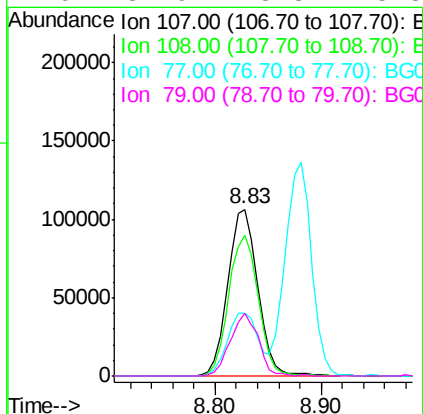
Instrument :
BNA_G
ClientSampleId :
LS-SOIL-1MSD

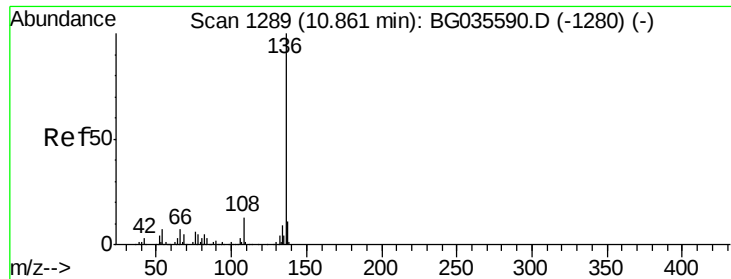
Tgt Ion: 70 Resp: 156385
Ion Ratio Lower Upper
70 100
42 45.8 49.1 73.7#
101 9.4 8.5 12.7
130 16.9 13.4 20.0



#20
3+4-Methylphenols
Concen: 45.353 ng
RT: 8.83 min Scan# 943
Delta R.T. 0.01 min
Lab File: BG035665.D
Acq: 16 Jul 2018 12:04

Tgt Ion: 107 Resp: 207722
Ion Ratio Lower Upper
107 100
108 84.3 61.6 101.6
77 38.0 13.9 53.9
79 37.9 8.8 48.8

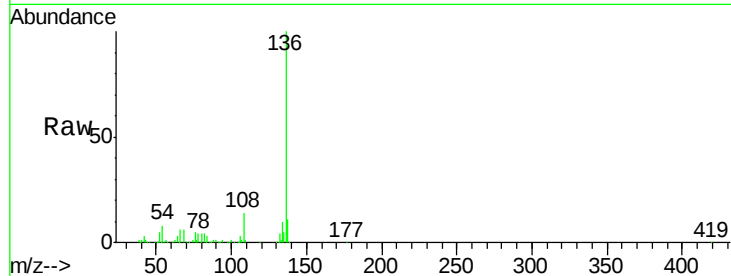




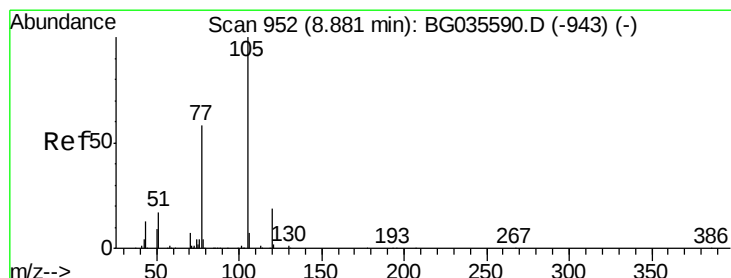
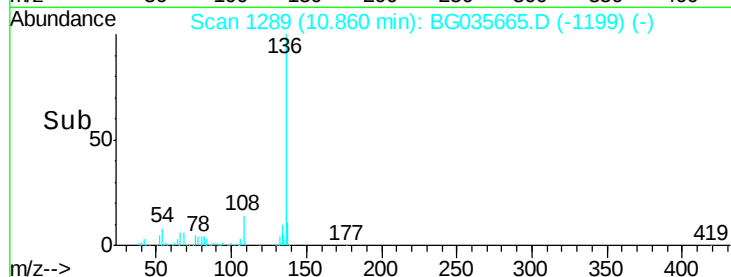
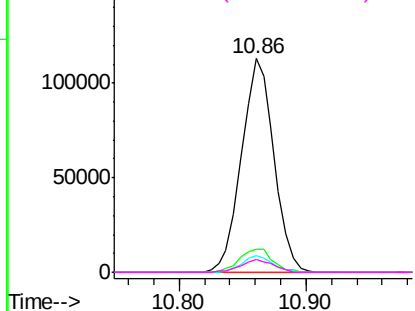
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BG035665.D
Acq: 16 Jul 2018 12:04

Instrument :
BNA_G
ClientSampleId :
LS-SOIL-1MSD

Tgt Ion:	136	Resp:	199831
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	7.5	10.3	15.5#
68	5.7	4.5	6.7

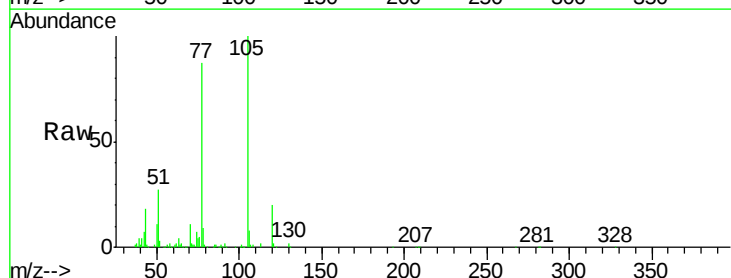


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

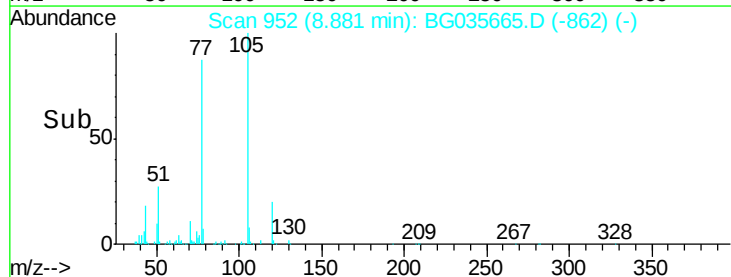
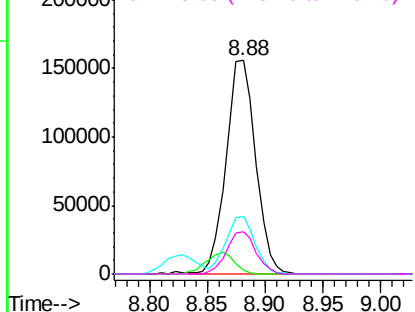


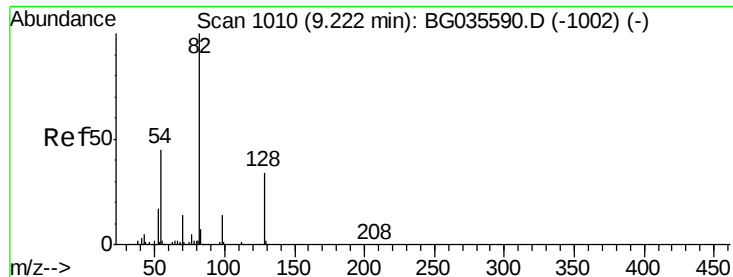
#22
Acetophenone
Concen: 44.563 ng
RT: 8.88 min Scan# 952
Delta R.T. -0.00 min
Lab File: BG035665.D
Acq: 16 Jul 2018 12:04

Tgt Ion:	105	Resp:	276924
Ion	Ratio	Lower	Upper
105	100		
71	1.5	3.0	4.4#
51	26.8	26.1	39.1
120	19.8	17.4	26.2



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

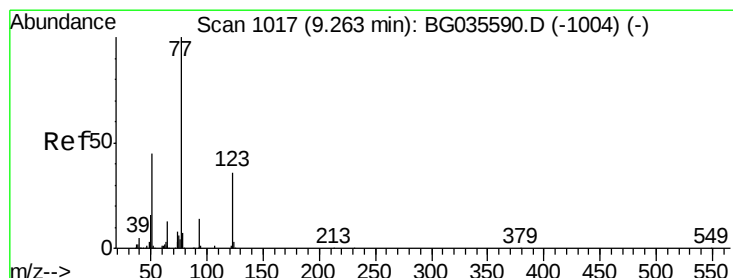
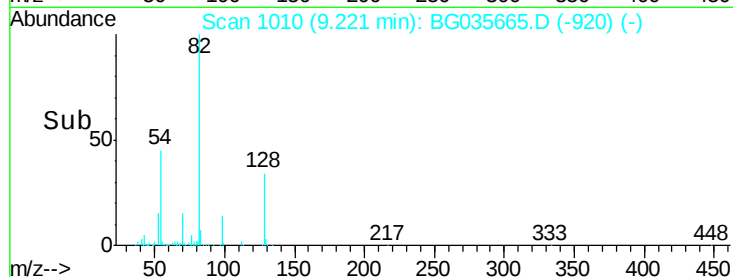
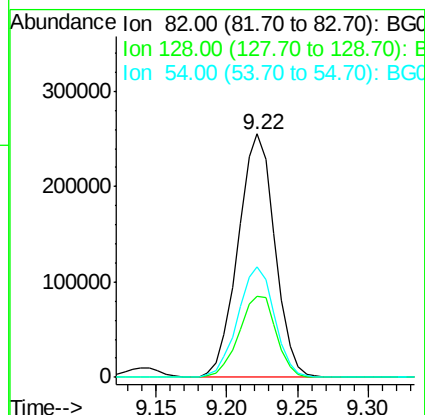
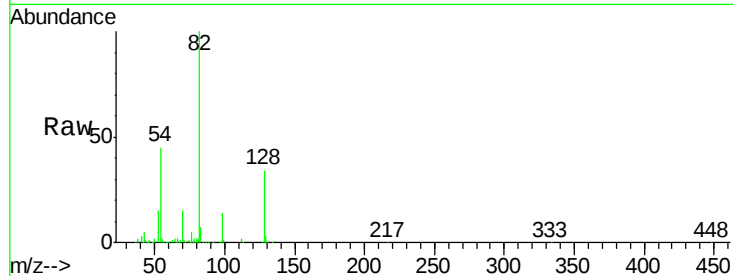




#23
 Nitrobenzene-d5
 Concen: 97.188 ng
 RT: 9.22 min Scan# 1010
 Delta R.T. -0.00 min
 Lab File: BG035665.D
 Acq: 16 Jul 2018 12:04

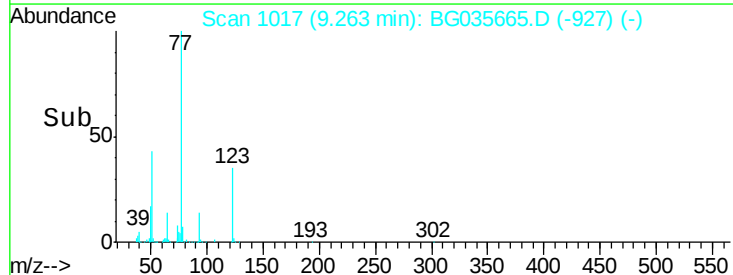
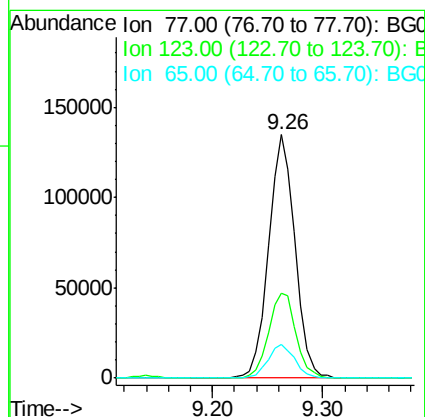
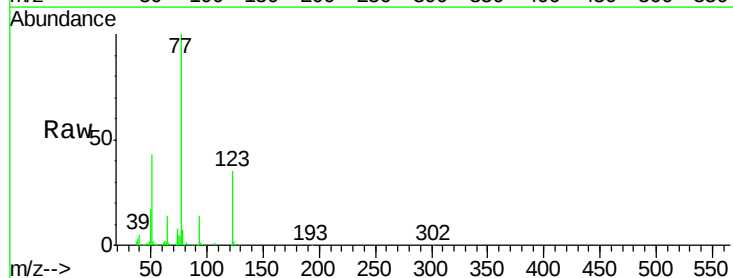
Instrument :
 BNA_G
 ClientSampleId :
 LS-SOIL-1MSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	33.5	29.7	44.5
54	45.4	43.1	64.7



#24
 Nitrobenzene
 Concen: 46.624 ng
 RT: 9.26 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: BG035665.D
 Acq: 16 Jul 2018 12:04

Tgt Ion	Ratio	Lower	Upper
77	100		
123	34.7	33.0	49.6
65	13.7	13.0	19.6





#25

Isophorone

Concen: 49.663 ng

RT: 9.78 min Scan# 1105

Delta R.T. -0.00 min

Lab File: BG035665.D

Acq: 16 Jul 2018 12:04

Instrument :

BNA_G

ClientSampleId :

LS-SOIL-1MSD

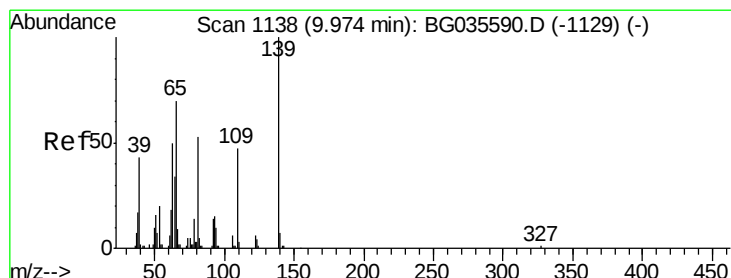
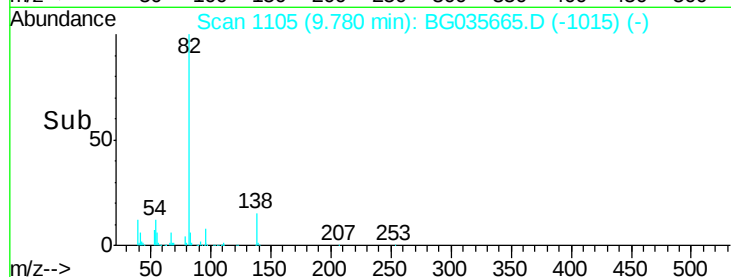
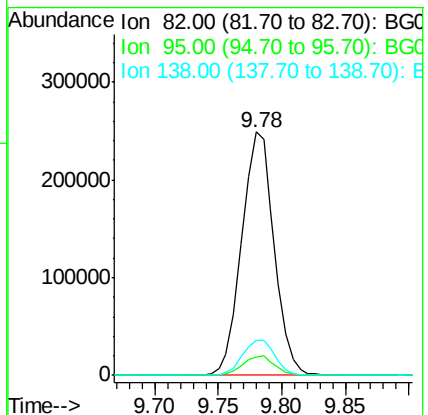
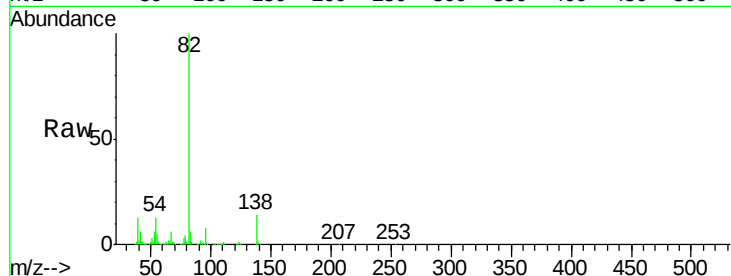
Tgt Ion: 82 Resp: 441000

Ion Ratio Lower Upper

82 100

95 7.5 6.2 9.2

138 14.2 12.1 18.1



#26

2-Nitrophenol

Concen: 51.834 ng

RT: 9.97 min Scan# 1138

Delta R.T. -0.00 min

Lab File: BG035665.D

Acq: 16 Jul 2018 12:04

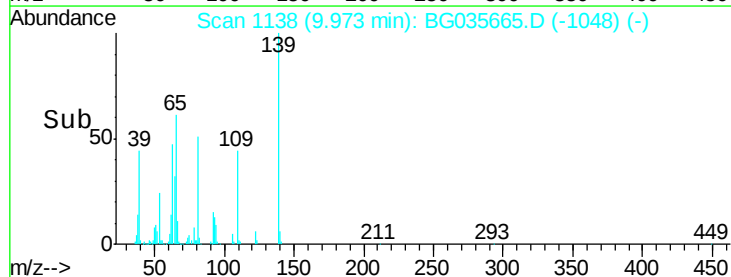
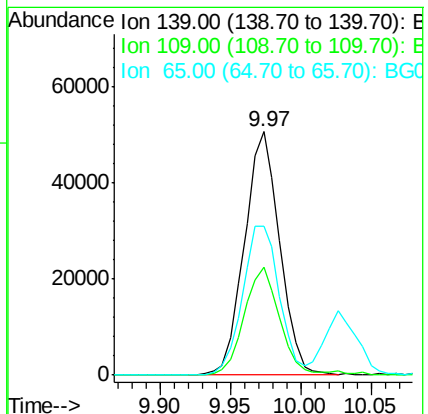
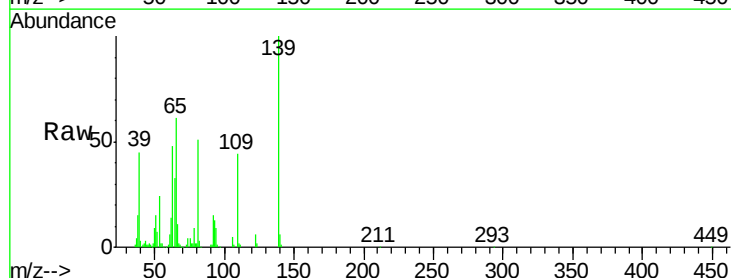
Tgt Ion: 139 Resp: 88562

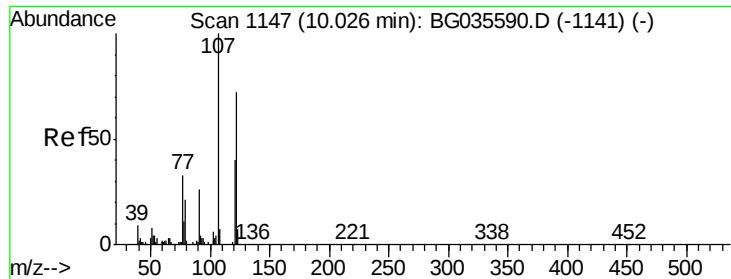
Ion Ratio Lower Upper

139 100

109 44.5 24.2 36.2#

65 61.2 47.4 71.0

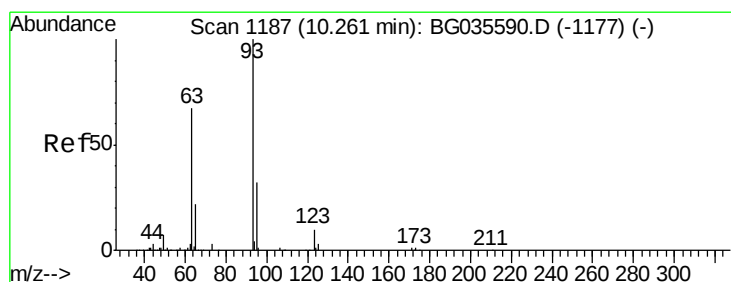
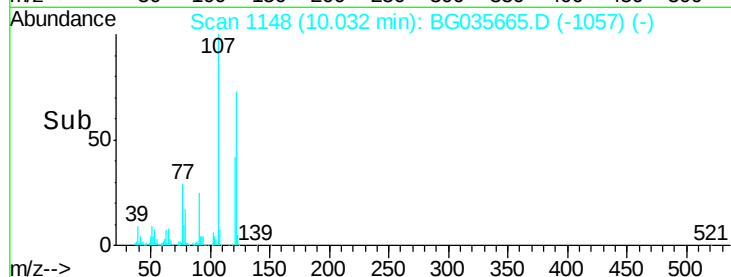
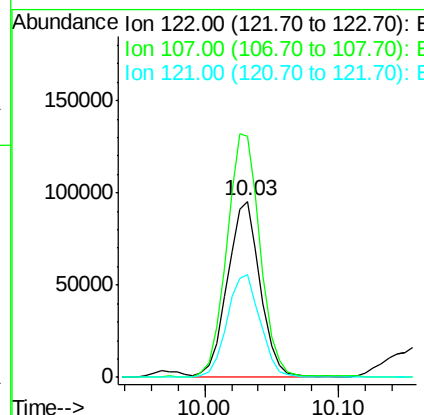
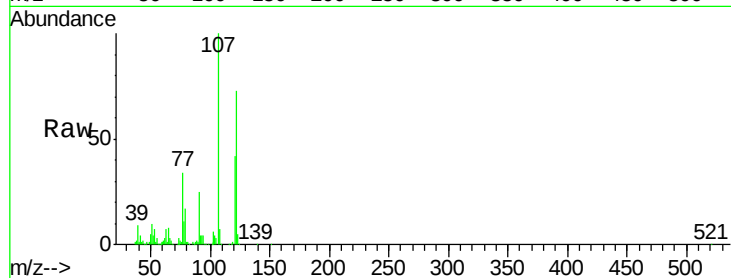




#27
 2,4-Dimethylphenol
 Concen: 56.123 ng
 RT: 10.03 min Scan# 1148
 Delta R.T. 0.01 min
 Lab File: BG035665.D
 Acq: 16 Jul 2018 12:04

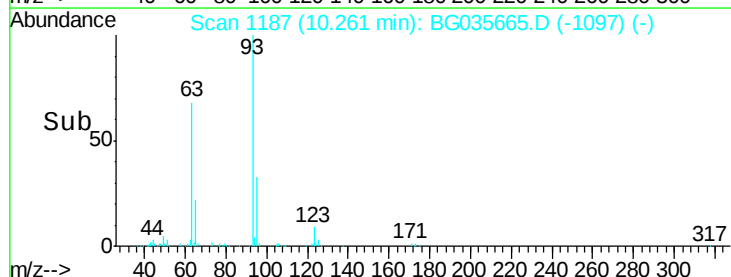
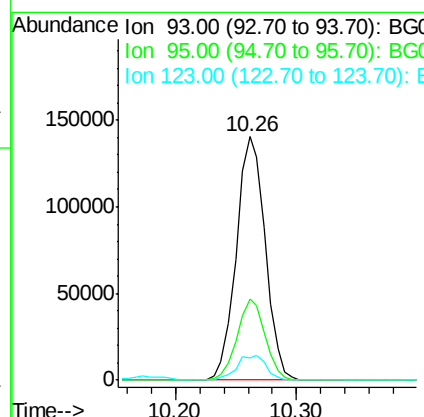
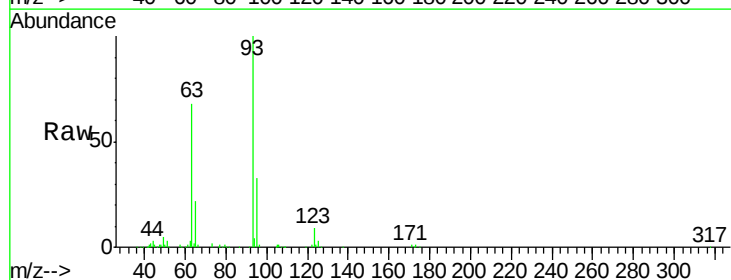
Instrument :
 BNA_G
 ClientSampleId :
 LS-SOIL-1MSD

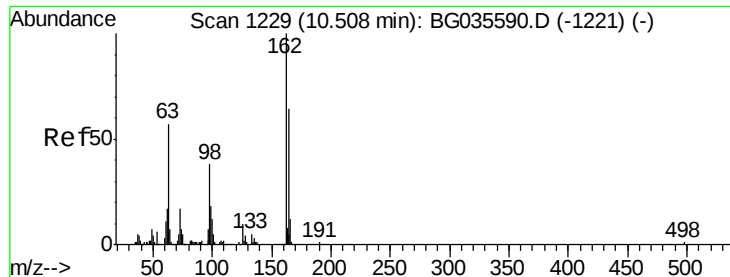
Tgt Ion:122 Resp: 162314
 Ion Ratio Lower Upper
 122 100
 107 136.9 100.2 150.2
 121 58.0 44.4 66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 47.843 ng
 RT: 10.26 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BG035665.D
 Acq: 16 Jul 2018 12:04

Tgt Ion: 93 Resp: 234096
 Ion Ratio Lower Upper
 93 100
 95 33.1 24.3 36.5
 123 9.3 8.4 12.6

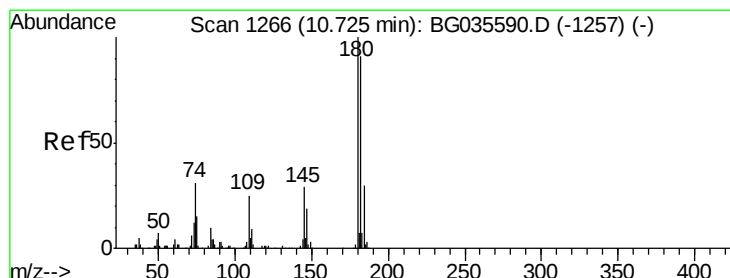
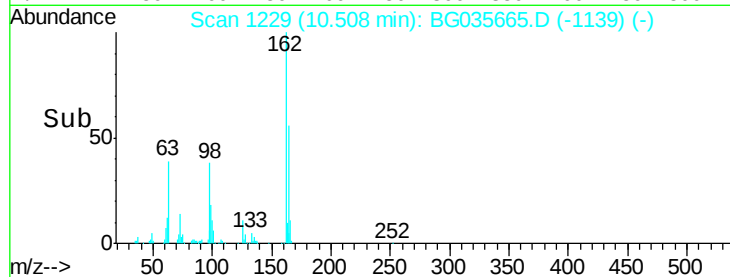
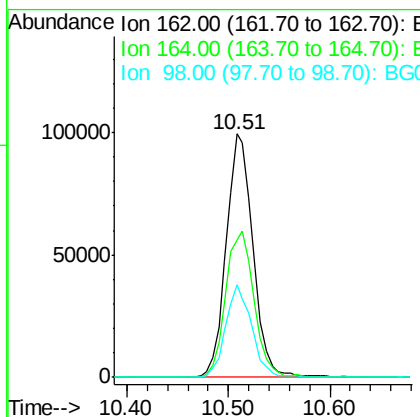
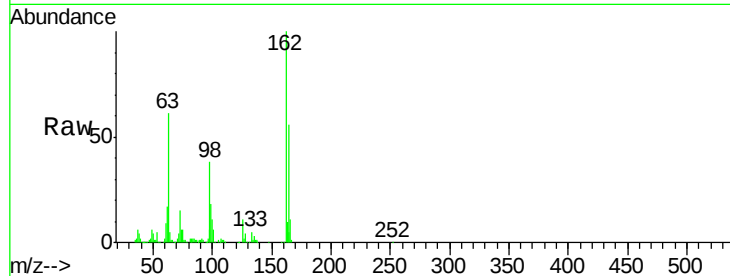




#29
 2,4-Dichlorophenol
 Concen: 55.041 ng
 RT: 10.51 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: BG035665.D
 Acq: 16 Jul 2018 12:04

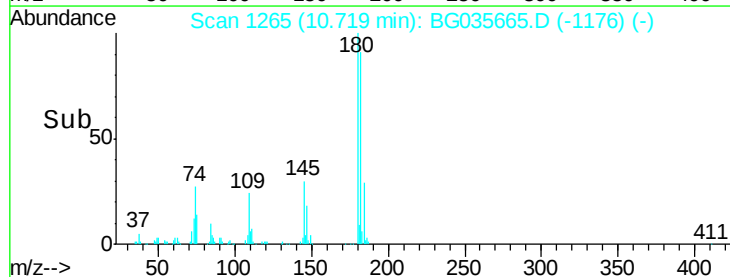
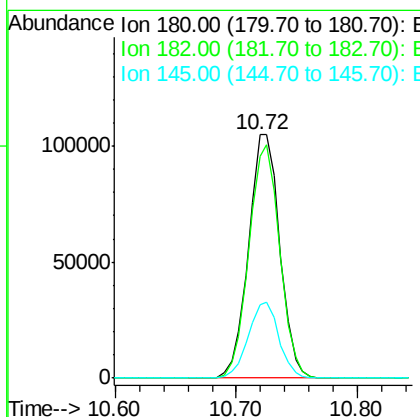
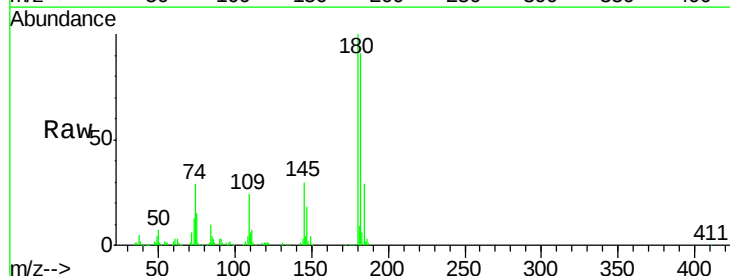
Instrument :
 BNA_G
 ClientSampleId :
 LS-SOIL-1MSD

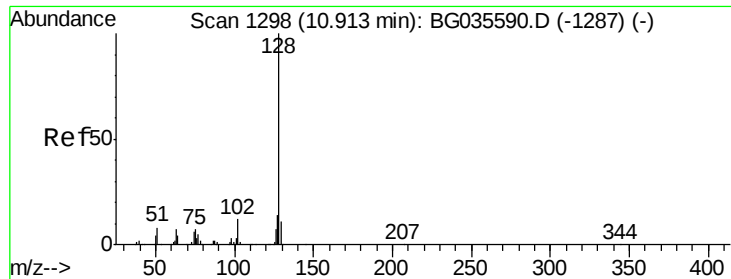
Tgt Ion	Ratio	Lower	Upper
162	100		
164	56.4	48.0	88.0
98	37.9	21.1	61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 46.560 ng
 RT: 10.72 min Scan# 1265
 Delta R.T. -0.01 min
 Lab File: BG035665.D
 Acq: 16 Jul 2018 12:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.0	77.5	116.3
145	29.9	23.4	35.2

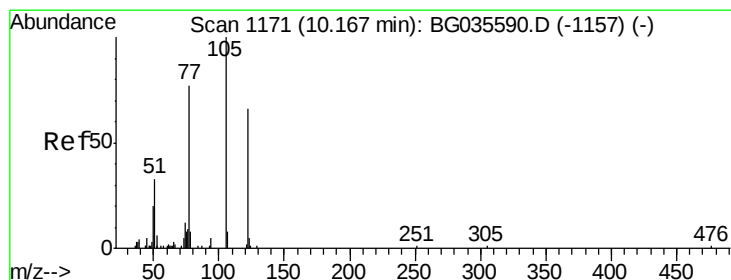
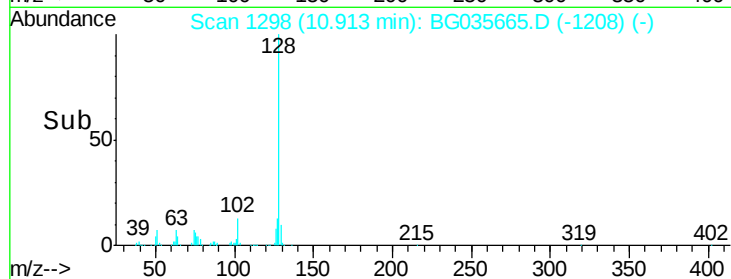
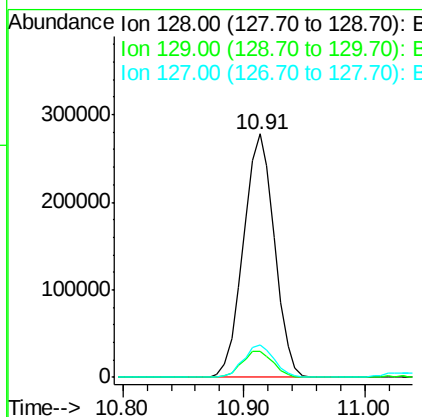
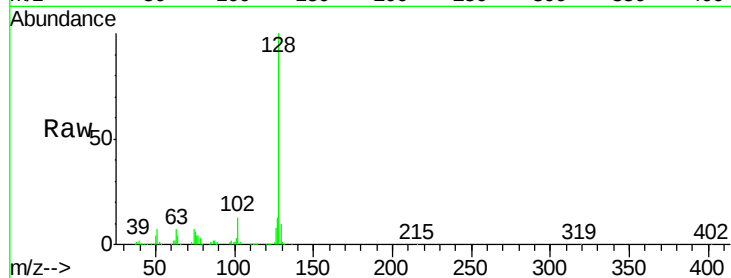




#31
Naphthalene
Concen: 47.780 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG035665.D
Acq: 16 Jul 2018 12:04

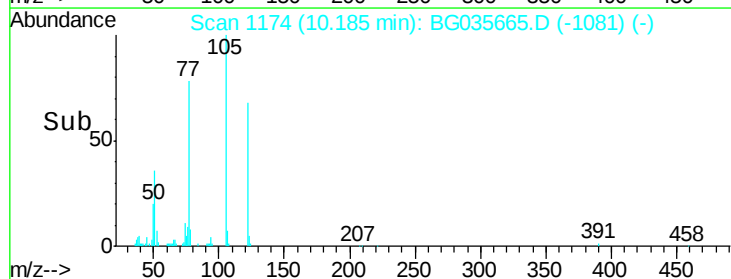
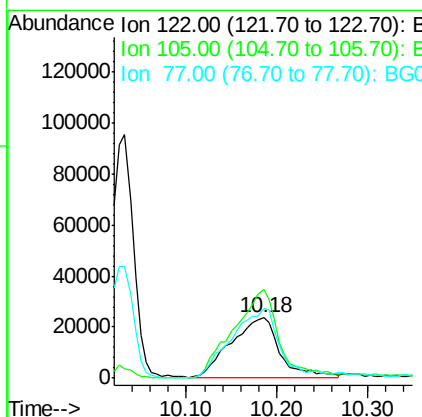
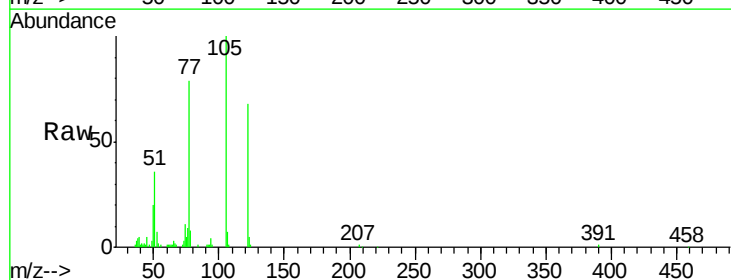
Instrument :
BNA_G
ClientSampleId :
LS-SOIL-1MSD

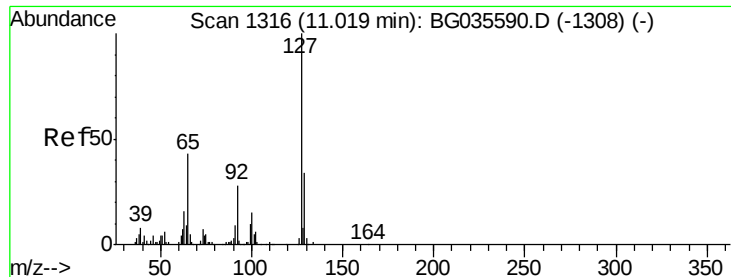
Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.6	12.8
127	13.4	11.6	17.4



#32
Benzoic acid
Concen: 43.894 ng
RT: 10.18 min Scan# 1174
Delta R.T. 0.02 min
Lab File: BG035665.D
Acq: 16 Jul 2018 12:04

Tgt Ion	Ratio	Lower	Upper
122	100		
105	146.9	123.5	163.5
77	115.6	85.7	125.7

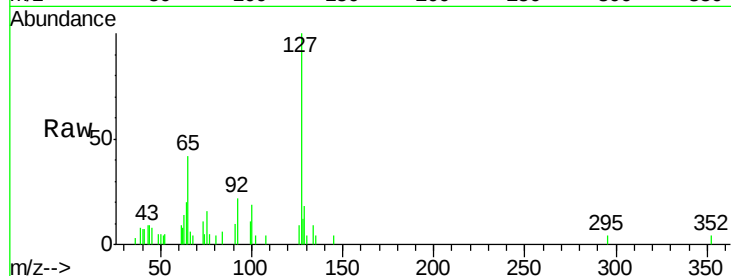




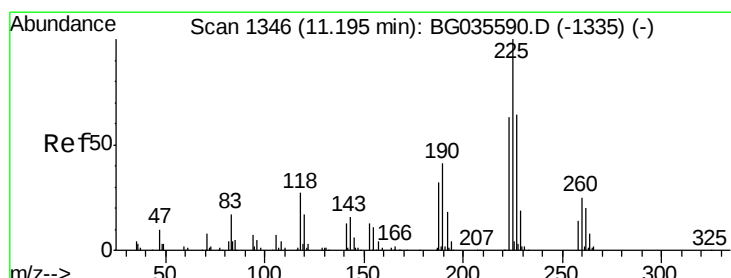
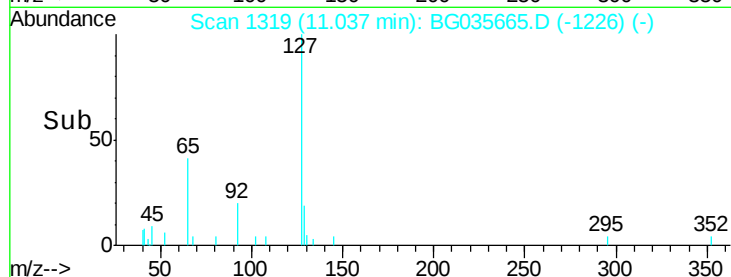
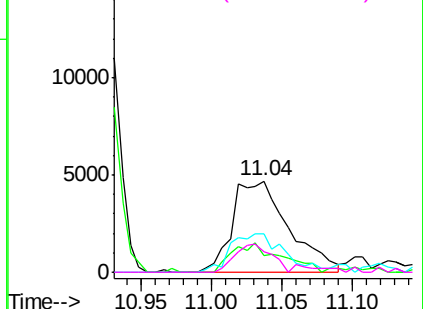
#33
4-Chloroaniline
Concen: 2.881 ng
RT: 11.04 min Scan# 1319
Delta R.T. 0.02 min
Lab File: BG035665.D
Acq: 16 Jul 2018 12:04

Instrument :
BNA_G
ClientSampleId :
LS-SOIL-1MSD

Tgt Ion:127 Resp: 13072
Ion Ratio Lower Upper
127 100
129 18.2 24.0 36.0#
65 42.0 27.0 40.4#
92 22.1 16.6 25.0

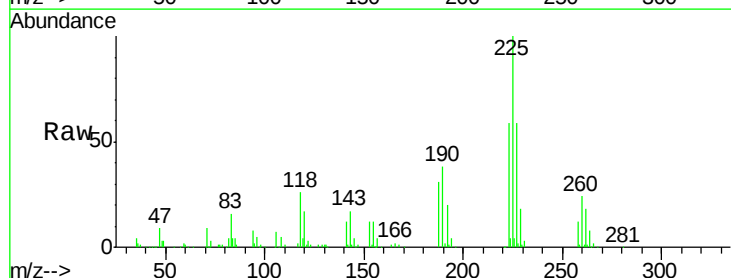


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

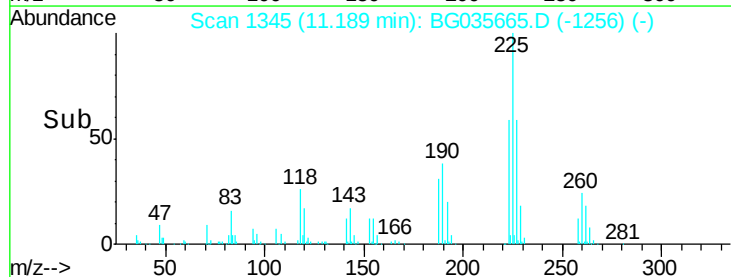
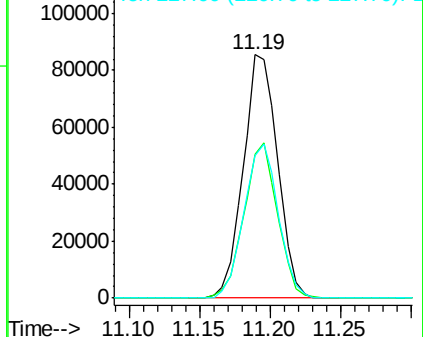


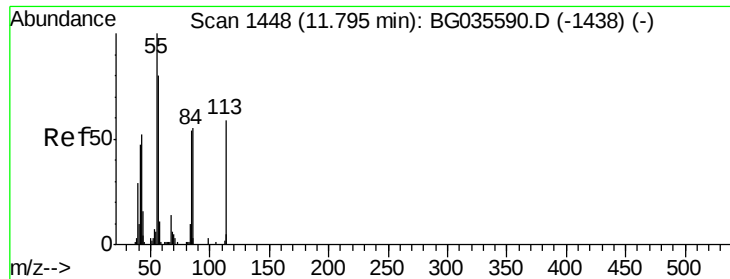
#34
Hexachlorobutadiene
Concen: 46.191 ng
RT: 11.19 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BG035665.D
Acq: 16 Jul 2018 12:04

Tgt Ion:225 Resp: 145813
Ion Ratio Lower Upper
225 100
223 59.1 49.7 74.5
227 58.6 48.1 72.1



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

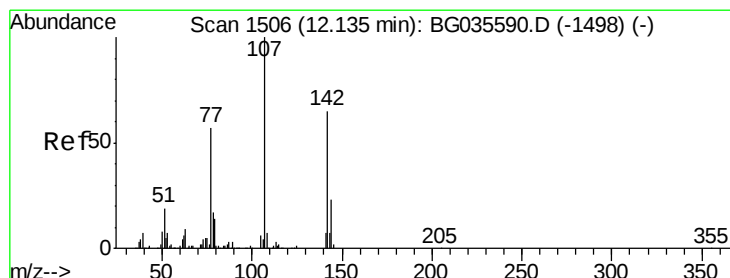
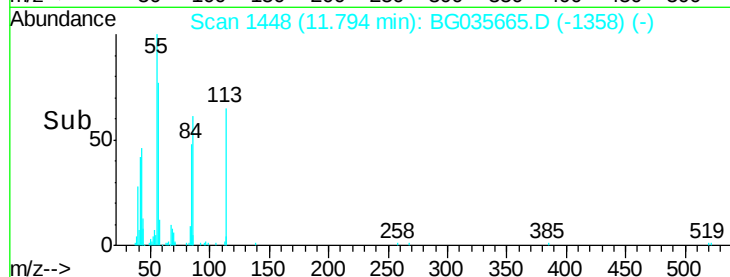
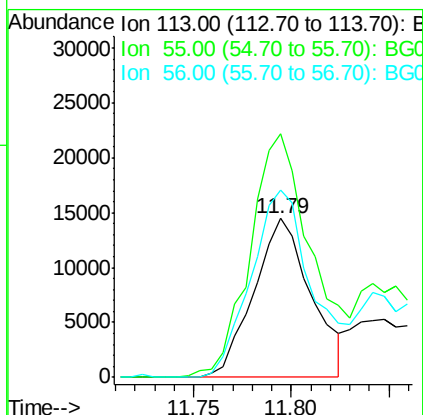
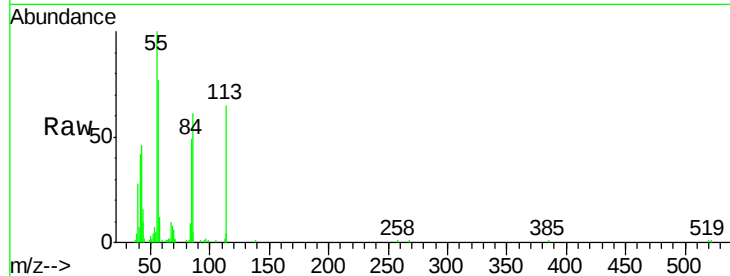




#35
 Caprolactam
 Concen: 20.810 ng
 RT: 11.79 min Scan# 1448
 Delta R.T. -0.00 min
 Lab File: BG035665.D
 Acq: 16 Jul 2018 12:04

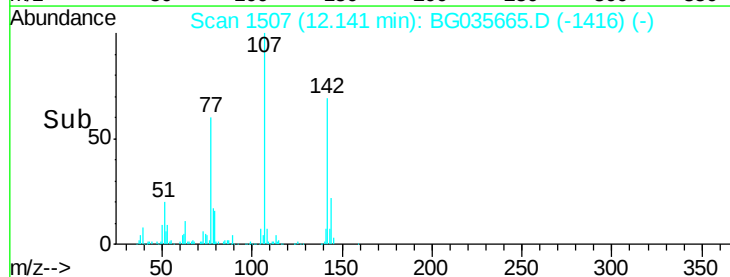
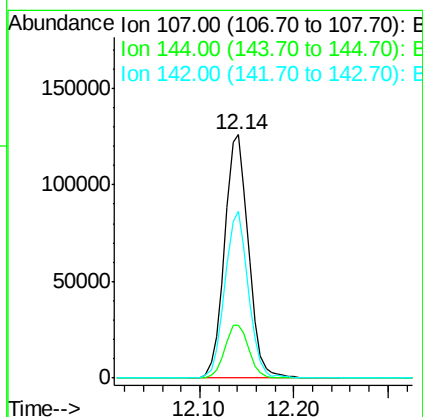
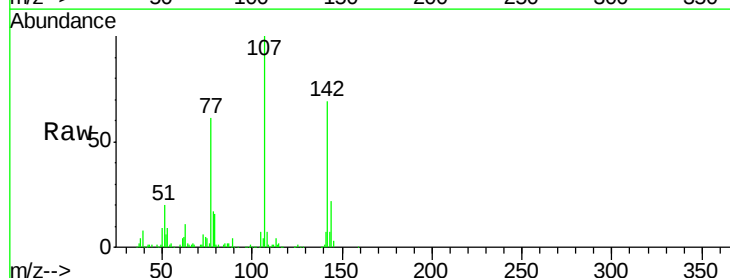
Instrument :
 BNA_G
 ClientSampleId :
 LS-SOIL-1MSD

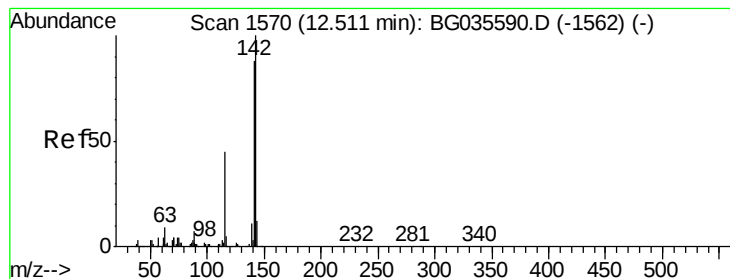
Tgt Ion:113 Resp: 29482
 Ion Ratio Lower Upper
 113 100
 55 153.2 186.9 226.9#
 56 117.9 130.9 170.9#



#36
 4-Chloro-3-methylphenol
 Concen: 50.401 ng
 RT: 12.14 min Scan# 1507
 Delta R.T. 0.01 min
 Lab File: BG035665.D
 Acq: 16 Jul 2018 12:04

Tgt Ion:107 Resp: 223033
 Ion Ratio Lower Upper
 107 100
 144 21.6 18.2 27.4
 142 68.5 59.0 88.4





#37

2-Methylnaphthalene

Concen: 48.550 ng

RT: 12.51 min Scan# 1570

Delta R.T. -0.00 min

Lab File: BG035665.D

Acq: 16 Jul 2018 12:04

Instrument :

BNA_G

ClientSampleId :

LS-SOIL-1MSD

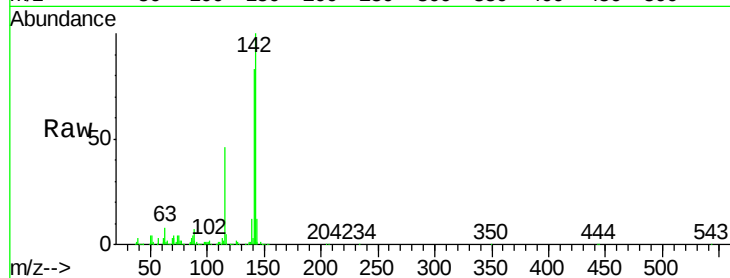
Tgt Ion:142 Resp: 376514

Ion Ratio Lower Upper

142 100

141 82.8 67.1 100.7

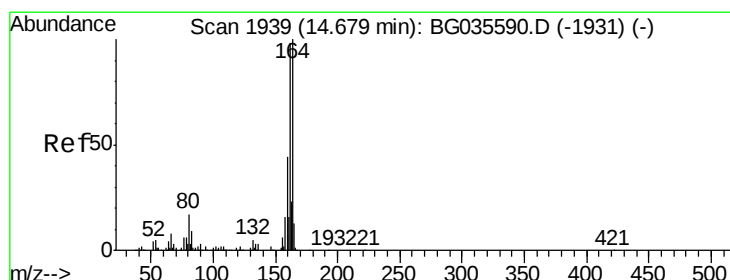
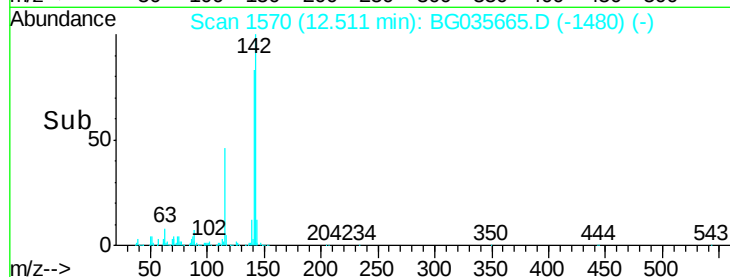
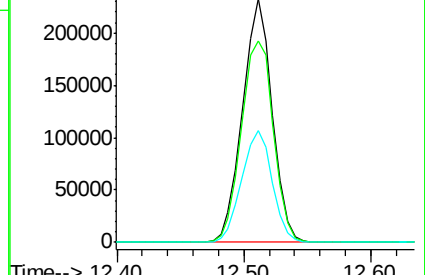
115 46.0 30.7 46.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1939

Delta R.T. -0.00 min

Lab File: BG035665.D

Acq: 16 Jul 2018 12:04

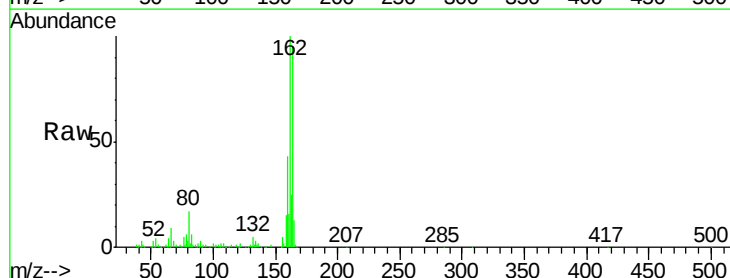
Tgt Ion:164 Resp: 145374

Ion Ratio Lower Upper

164 100

162 105.3 78.8 118.2

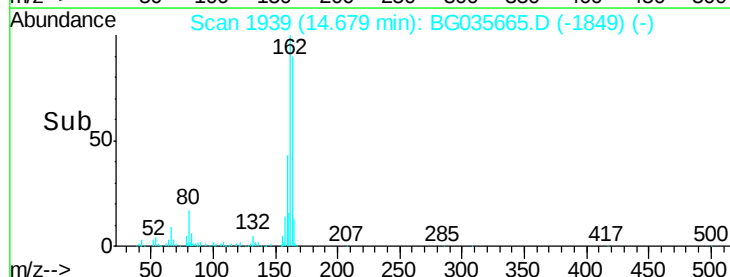
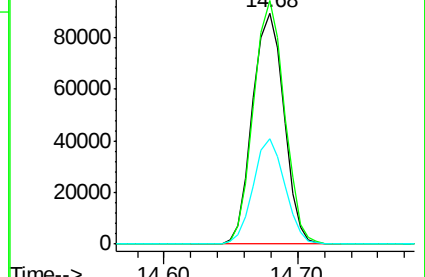
160 45.4 35.4 53.0

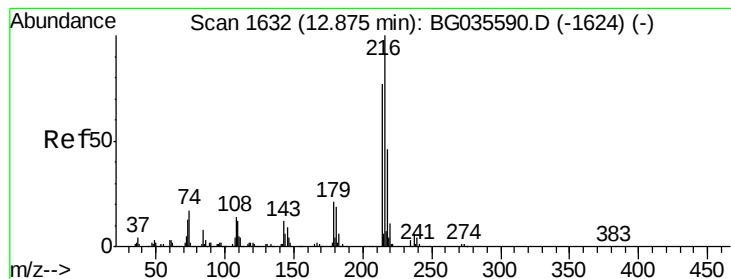


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 46.019 ng

RT: 12.88 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BG035665.D

Acq: 16 Jul 2018 12:04

Instrument :

BNA_G

ClientSampleId :

LS-SOIL-1MSD

Tgt Ion:216 Resp: 252503

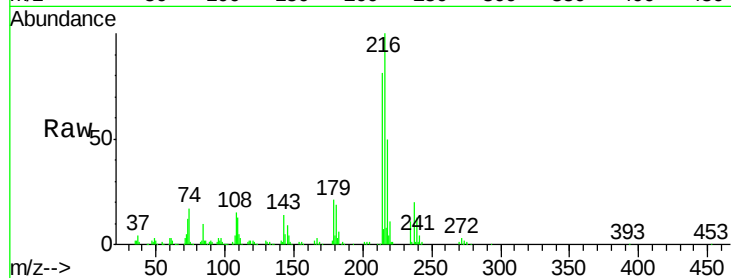
Ion Ratio Lower Upper

216 100

214 80.0 63.0 94.4

179 20.6 17.0 25.6

108 17.7 12.8 19.2

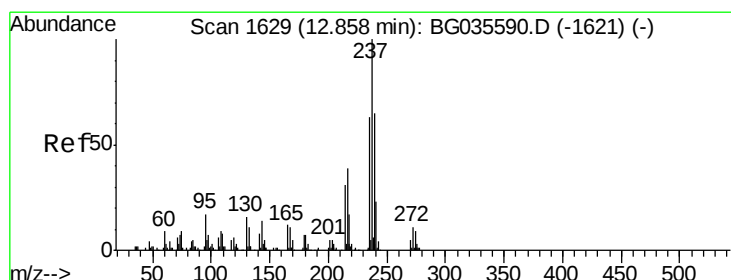
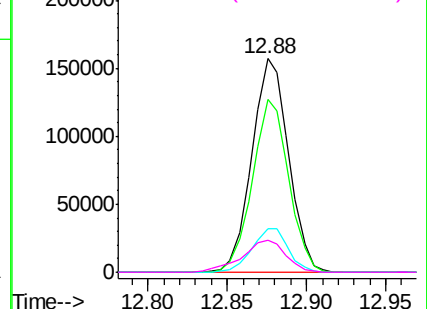
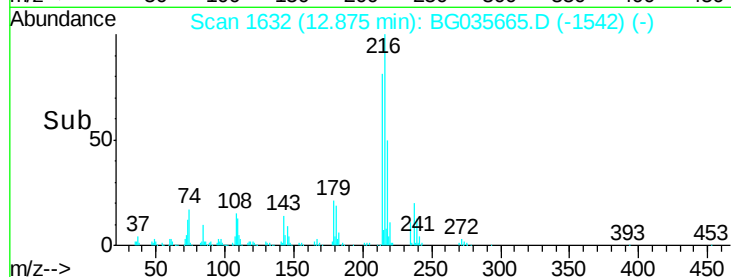


Abundance Ion 216.00 (215.70 to 216.70): E

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: 116.227 ng

RT: 12.86 min Scan# 1629

Delta R.T. -0.00 min

Lab File: BG035665.D

Acq: 16 Jul 2018 12:04

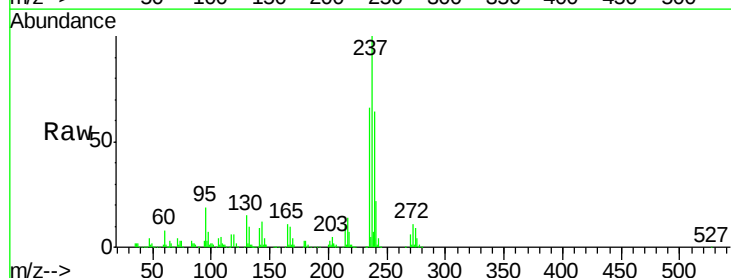
Tgt Ion:237 Resp: 334451

Ion Ratio Lower Upper

237 100

235 66.1 50.4 90.4

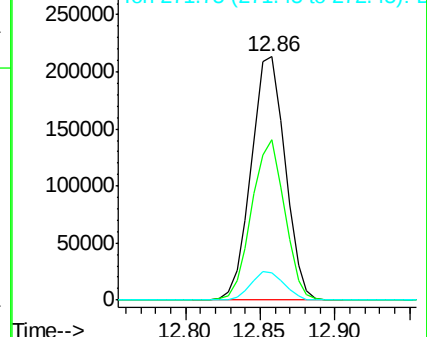
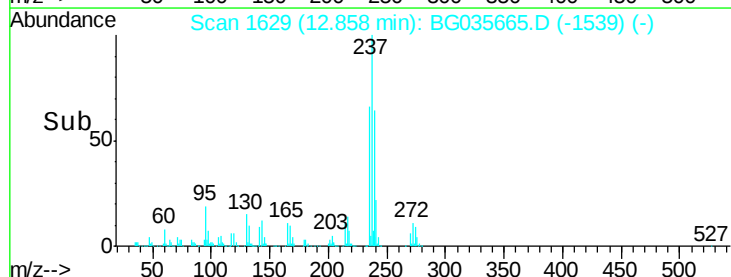
272 11.4 0.0 31.8

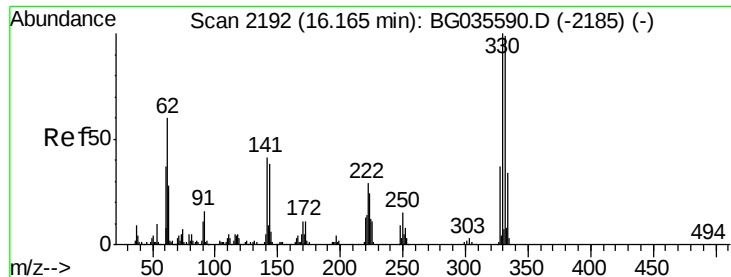


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 163.867 ng

RT: 16.17 min Scan# 2193

Delta R.T. 0.01 min

Lab File: BG035665.D

Acq: 16 Jul 2018 12:04

Instrument :

BNA_G

ClientSampleId :

LS-SOIL-1MSD

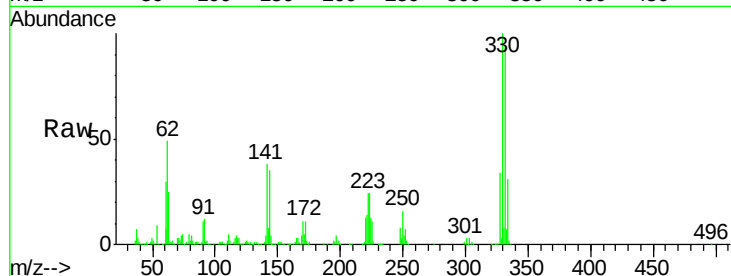
Tgt Ion:330 Resp: 313989

Ion Ratio Lower Upper

330 100

332 94.5 77.0 115.6

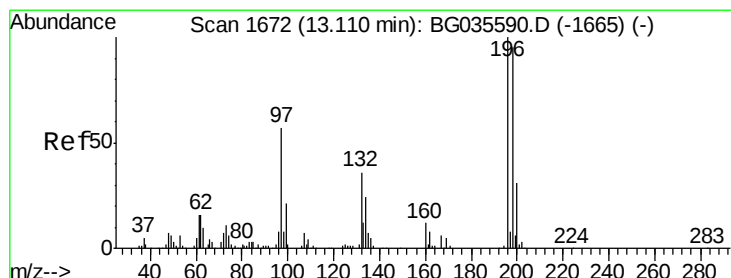
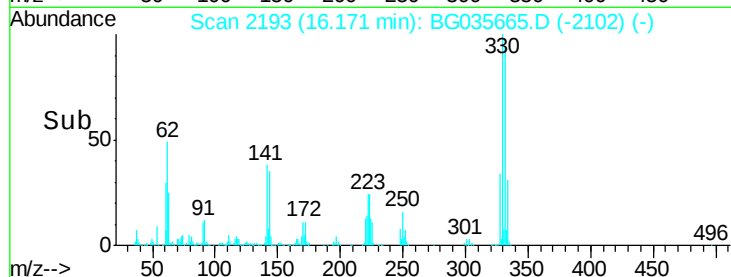
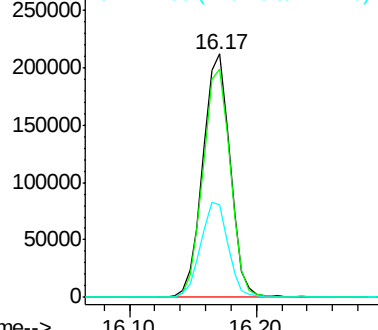
141 39.2 25.2 37.8#



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: 52.976 ng

RT: 13.12 min Scan# 1673

Delta R.T. 0.01 min

Lab File: BG035665.D

Acq: 16 Jul 2018 12:04

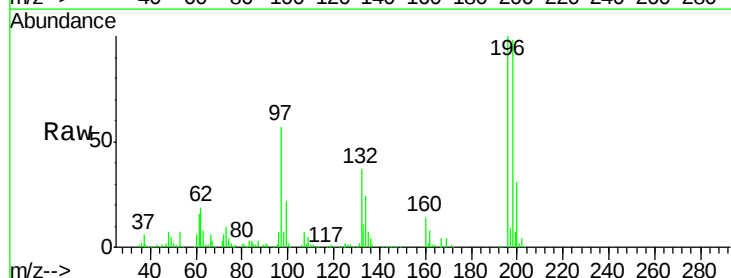
Tgt Ion:196 Resp: 169988

Ion Ratio Lower Upper

196 100

198 98.4 78.2 117.2

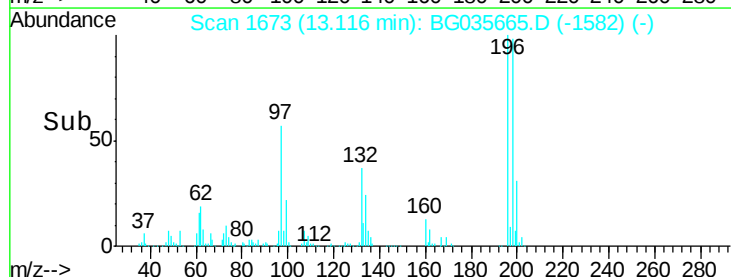
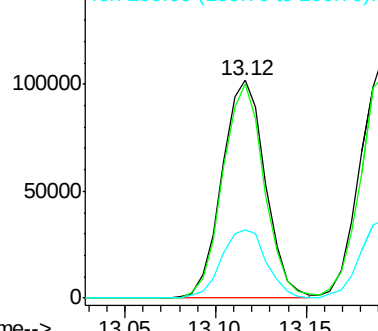
200 31.5 24.6 36.8

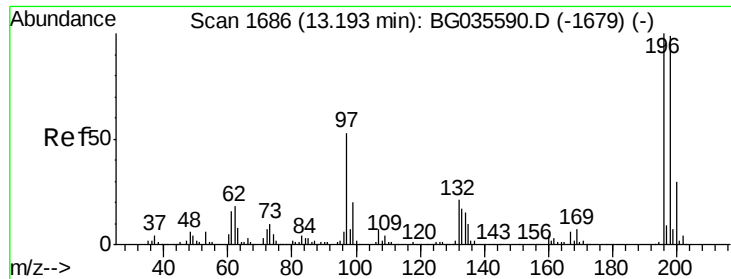


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

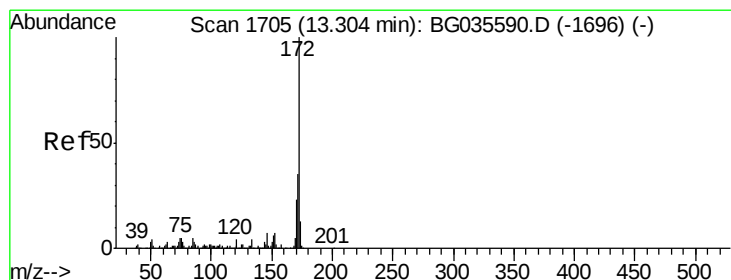
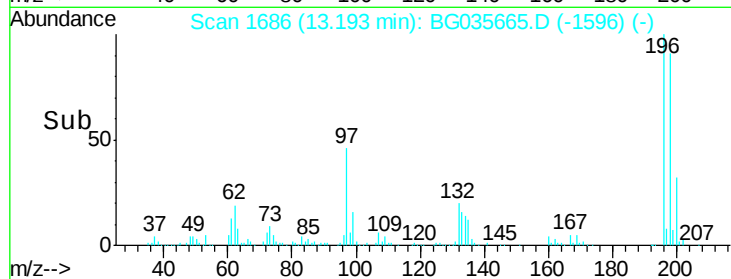
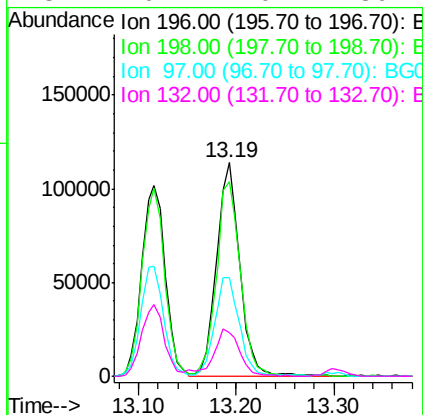
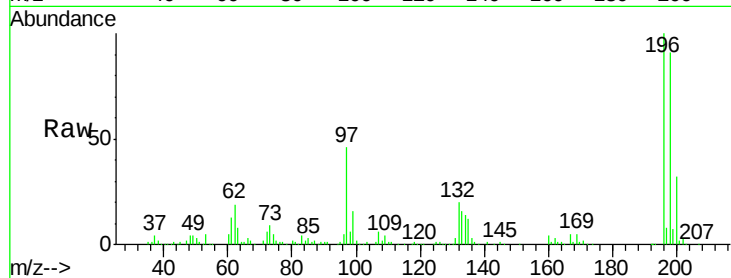




#43
 2,4,5-Trichlorophenol
 Concen: 51.981 ng
 RT: 13.19 min Scan# 1686
 Delta R.T. -0.00 min
 Lab File: BG035665.D
 Acq: 16 Jul 2018 12:04

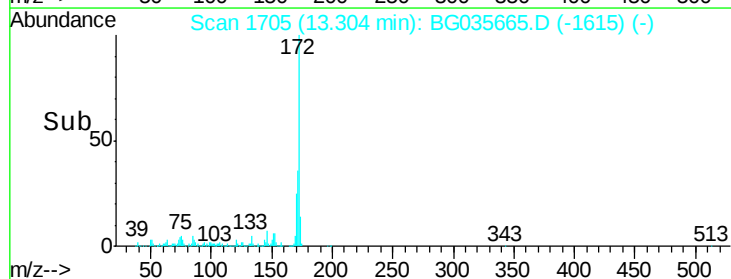
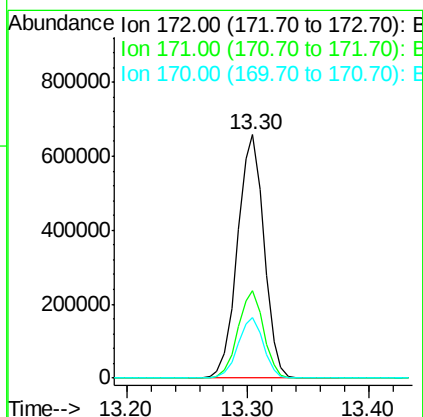
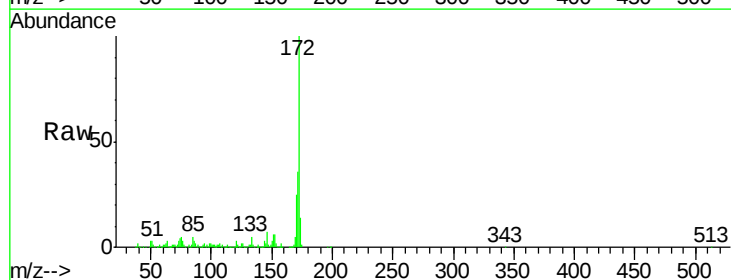
Instrument :
 BNA_G
 ClientSampleId :
 LS-SOIL-1MSD

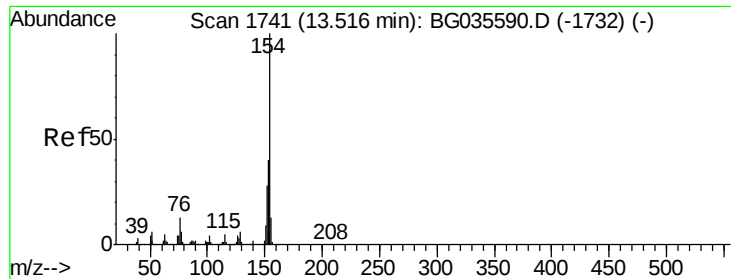
Tgt Ion:196 Resp: 186592
 Ion Ratio Lower Upper
 196 100
 198 91.0 76.2 114.4
 97 46.4 38.7 58.1
 132 20.4 20.2 30.2



#44
 2-Fluorobiphenyl
 Concen: 92.812 ng
 RT: 13.30 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG035665.D
 Acq: 16 Jul 2018 12:04

Tgt Ion:172 Resp: 1007099
 Ion Ratio Lower Upper
 172 100
 171 35.9 30.0 45.0
 170 24.9 19.5 29.3

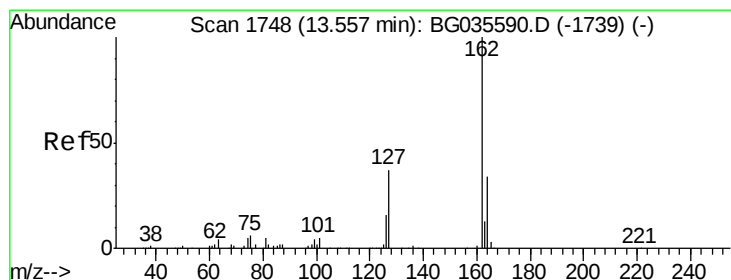
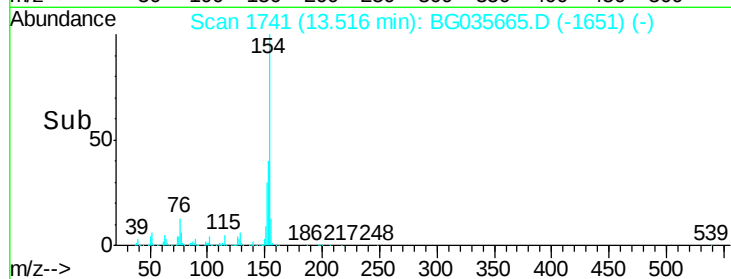
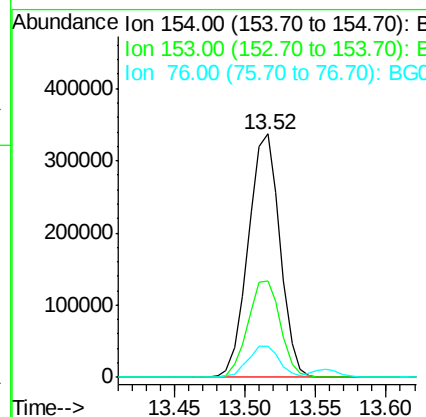
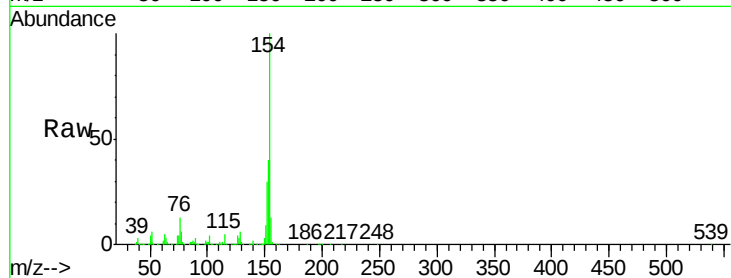




#45
 1,1'-Biphenyl
 Concen: 47.045 ng
 RT: 13.52 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG035665.D
 Acq: 16 Jul 2018 12:04

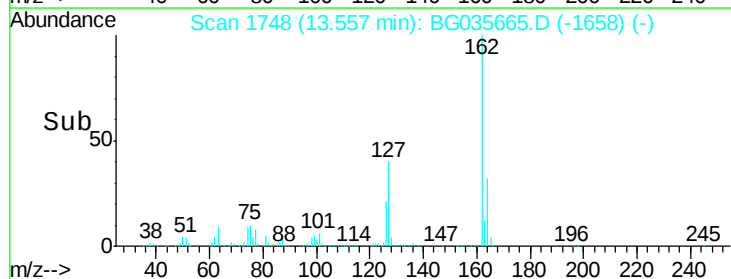
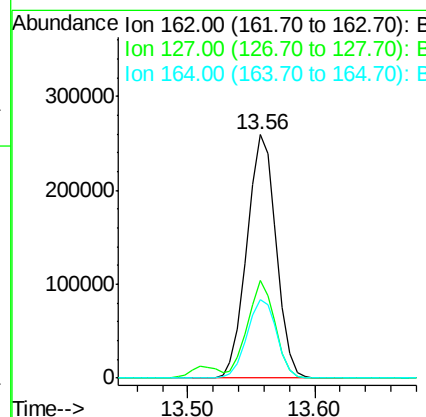
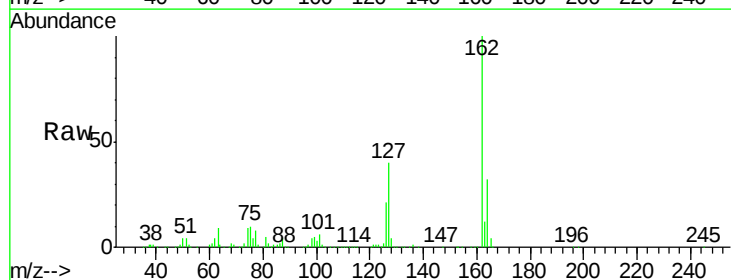
Instrument :
 BNA_G
 ClientSampleId :
 LS-SOIL-1MSD

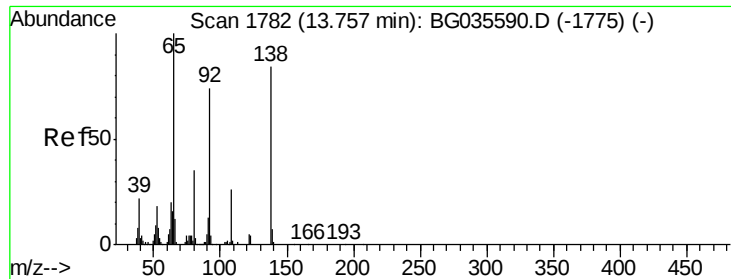
Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.5	19.8	59.8
76	12.7	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 47.215 ng
 RT: 13.56 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: BG035665.D
 Acq: 16 Jul 2018 12:04

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.2	30.7	46.1
164	32.4	26.0	39.0

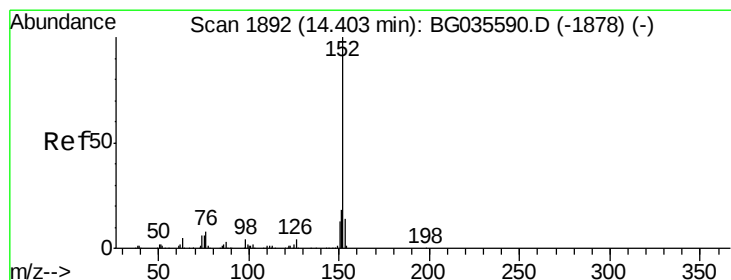
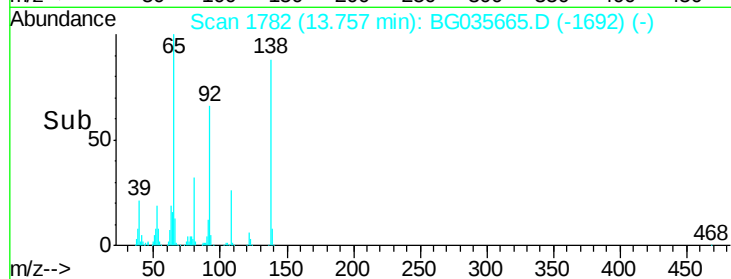
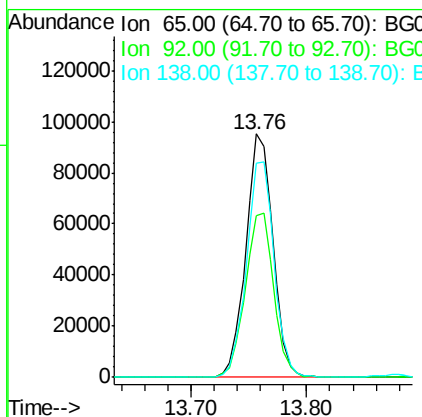
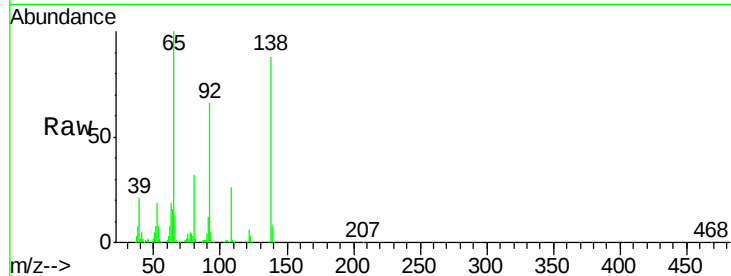




#47
2-Nitroaniline
Concen: 50.388 ng
RT: 13.76 min Scan# 1782
Delta R.T. -0.00 min
Lab File: BG035665.D
Acq: 16 Jul 2018 12:04

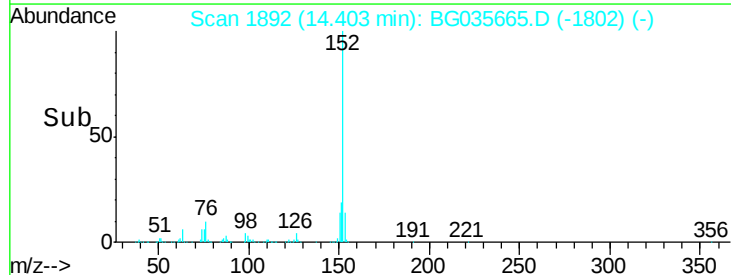
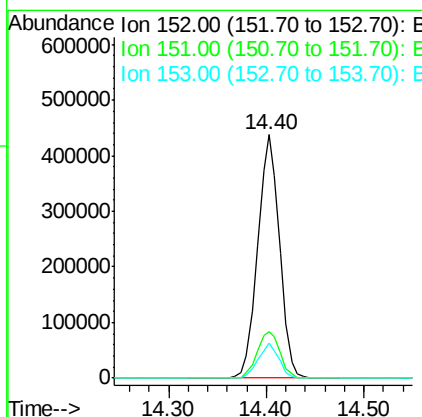
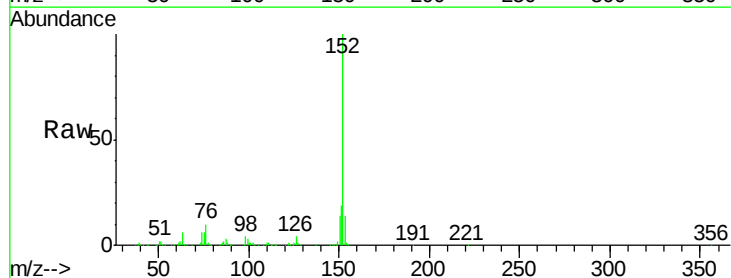
Instrument :
BNA_G
ClientSampleId :
LS-SOIL-1MSD

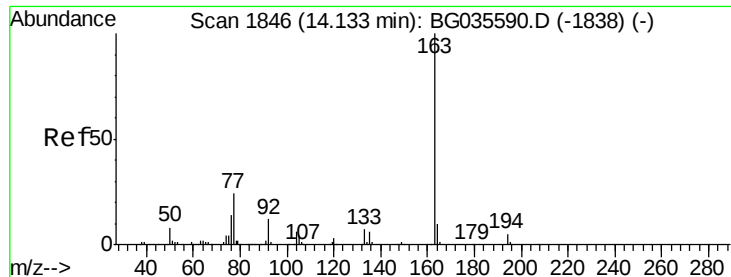
Tgt Ion: 65 Resp: 156170
Ion Ratio Lower Upper
65 100
92 66.4 54.6 82.0
138 88.1 72.9 109.3



#48
Acenaphthylene
Concen: 46.839 ng
RT: 14.40 min Scan# 1892
Delta R.T. -0.00 min
Lab File: BG035665.D
Acq: 16 Jul 2018 12:04

Tgt Ion: 152 Resp: 687859
Ion Ratio Lower Upper
152 100
151 18.9 17.2 25.8
153 14.4 10.2 15.4

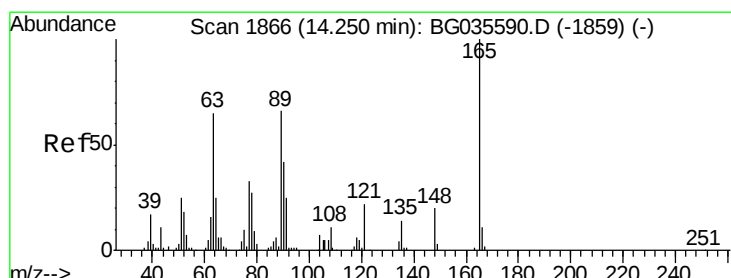
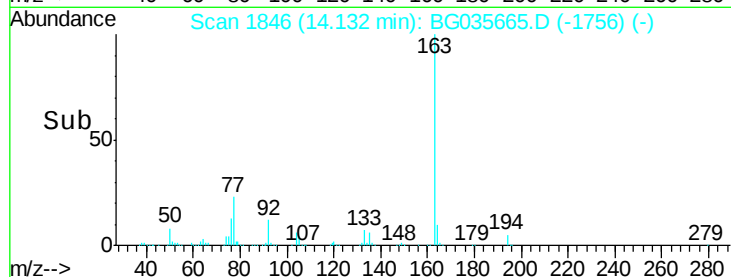
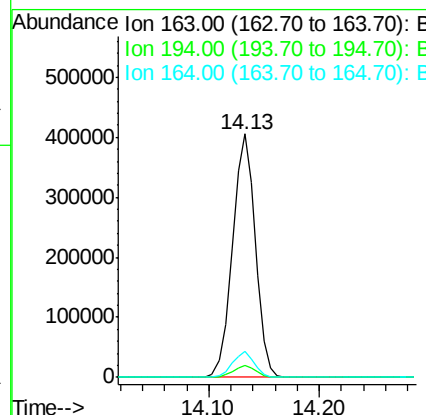
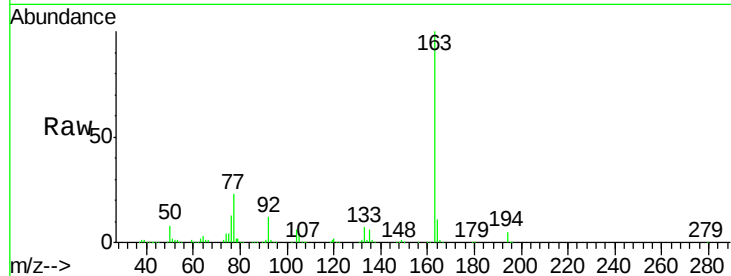




#49
Dimethylphthalate
Concen: 46.033 ng
RT: 14.13 min Scan# 1846
Delta R.T. -0.00 min
Lab File: BG035665.D
Acq: 16 Jul 2018 12:04

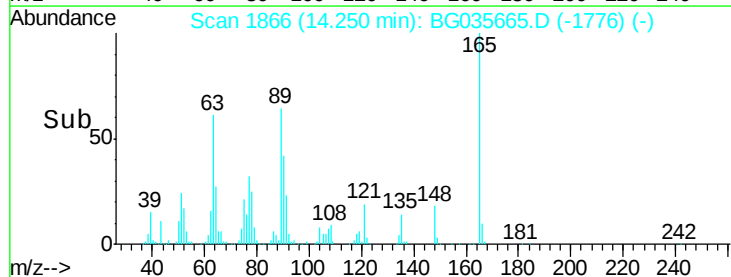
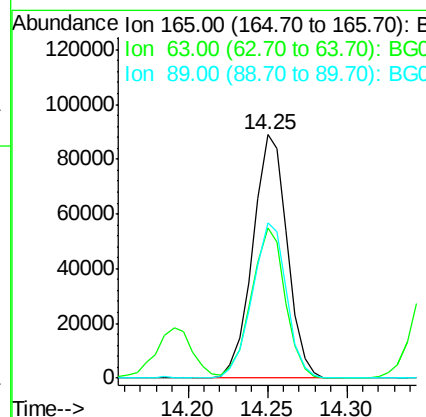
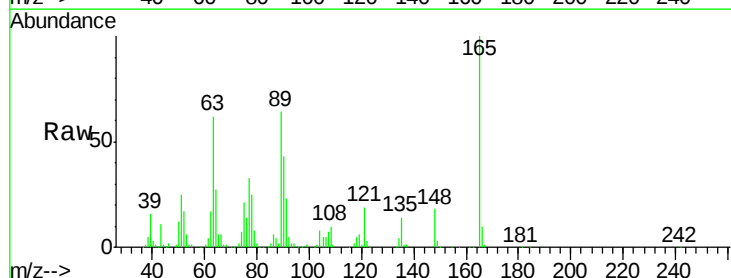
Instrument :
BNA_G
ClientSampleId :
LS-SOIL-1MSD

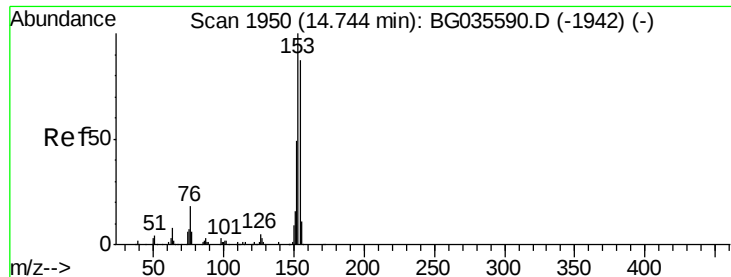
Tgt Ion:163 Resp: 586316
Ion Ratio Lower Upper
163 100
194 4.9 3.4 5.2
164 10.5 8.2 12.4



#50
2,6-Dinitrotoluene
Concen: 51.625 ng
RT: 14.25 min Scan# 1866
Delta R.T. -0.00 min
Lab File: BG035665.D
Acq: 16 Jul 2018 12:04

Tgt Ion:165 Resp: 133901
Ion Ratio Lower Upper
165 100
63 61.6 52.7 79.1
89 63.8 49.2 73.8





#51

Acenaphthene

Concen: 44.352 ng

RT: 14.74 min Scan# 1950

Delta R.T. -0.00 min

Lab File: BG035665.D

Acq: 16 Jul 2018 12:04

Instrument :

BNA_G

ClientSampleId :

LS-SOIL-1MSD

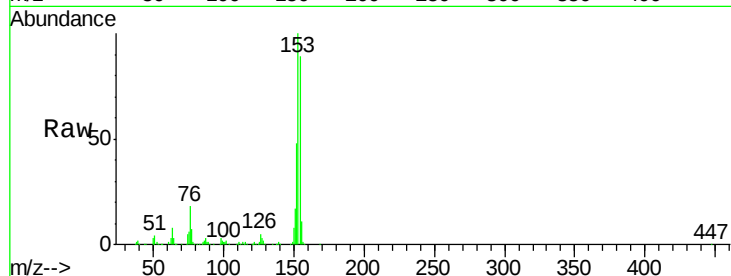
Tgt Ion:154 Resp: 405742

Ion Ratio Lower Upper

154 100

153 112.7 90.4 135.6

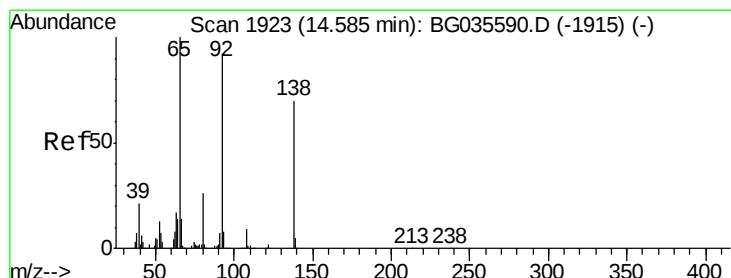
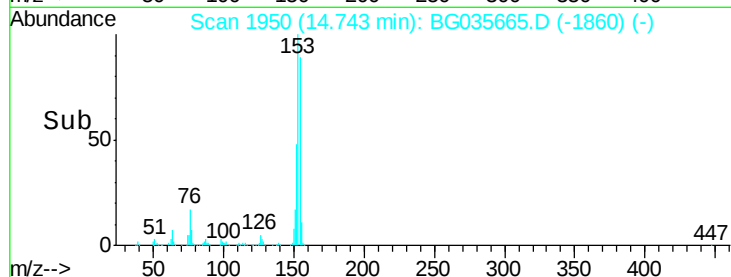
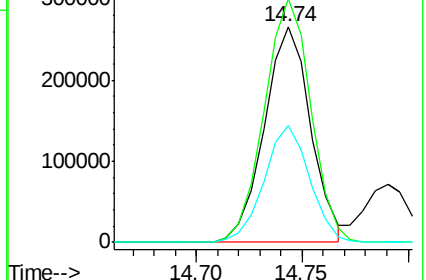
152 54.1 41.6 62.4



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: 18.179 ng

RT: 14.58 min Scan# 1923

Delta R.T. -0.00 min

Lab File: BG035665.D

Acq: 16 Jul 2018 12:04

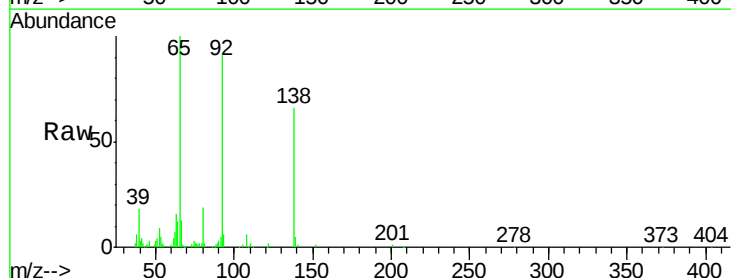
Tgt Ion:138 Resp: 48193

Ion Ratio Lower Upper

138 100

108 8.6 17.5 26.3#

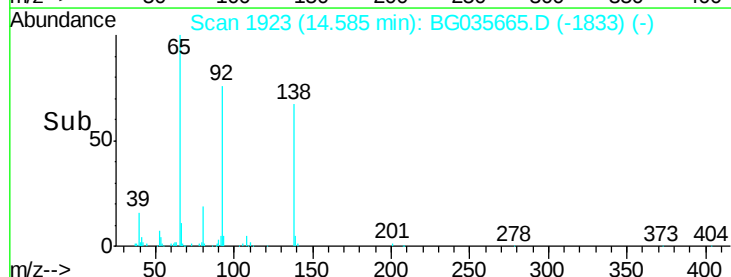
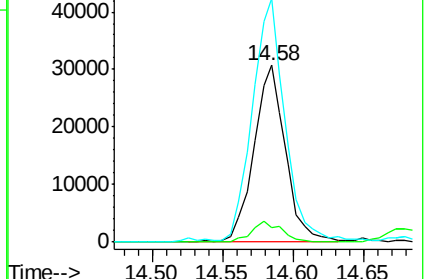
92 138.0 105.8 158.8

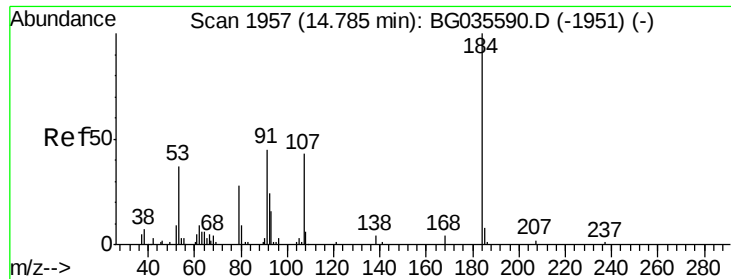


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

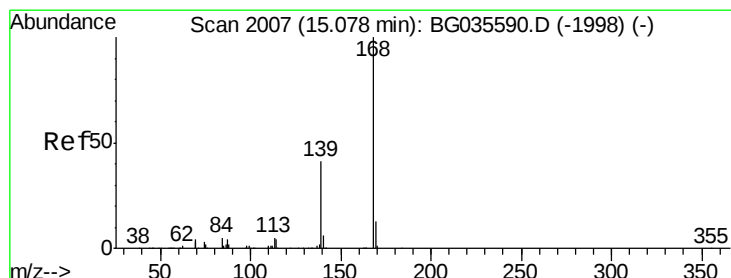
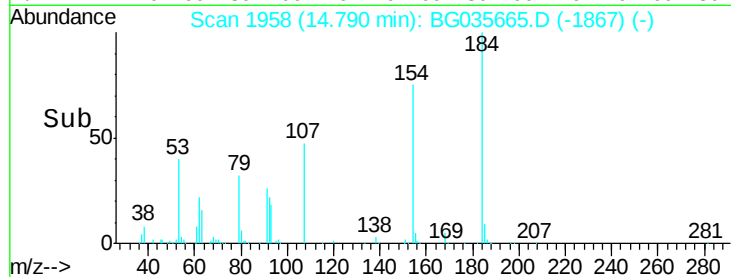
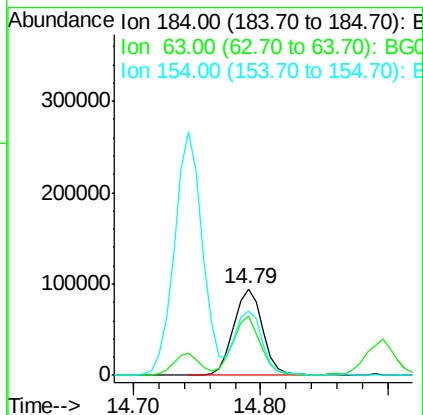
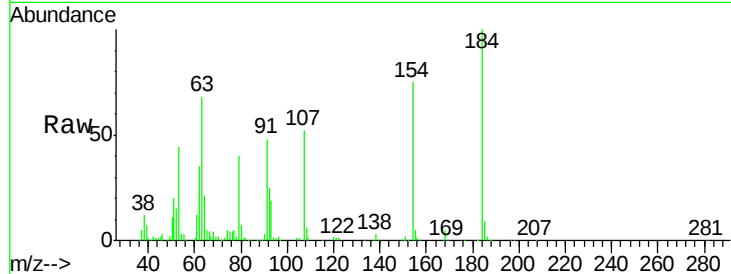




#53
2,4-Dinitrophenol
Concen: 109.957 ng
RT: 14.79 min Scan# 1958
Delta R.T. 0.01 min
Lab File: BG035665.D
Acq: 16 Jul 2018 12:04

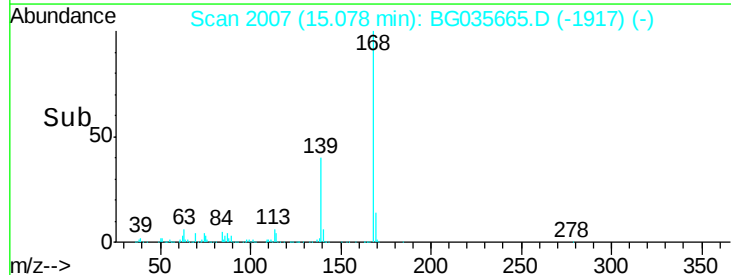
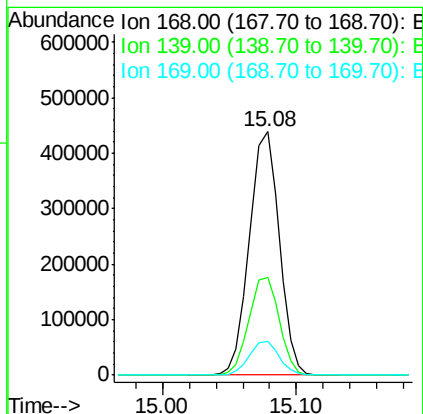
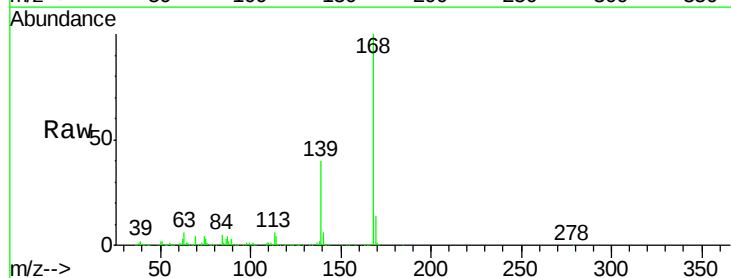
Instrument :
BNA_G
ClientSampleId :
LS-SOIL-1MSD

Tgt Ion:184 Resp: 150241
Ion Ratio Lower Upper
184 100
63 68.5 59.8 89.8
154 74.8 101.8 152.8#



#54
Dibenzofuran
Concen: 46.590 ng
RT: 15.08 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BG035665.D
Acq: 16 Jul 2018 12:04

Tgt Ion:168 Resp: 677845
Ion Ratio Lower Upper
168 100
139 40.1 28.6 43.0
169 13.7 11.2 16.8

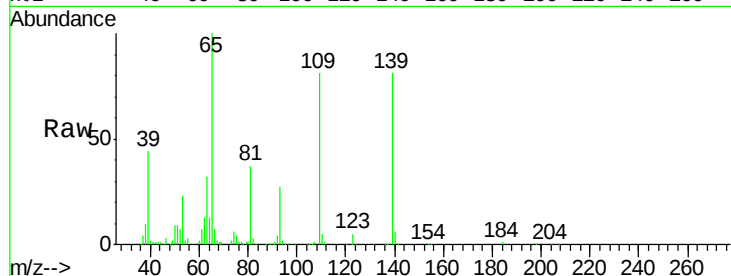




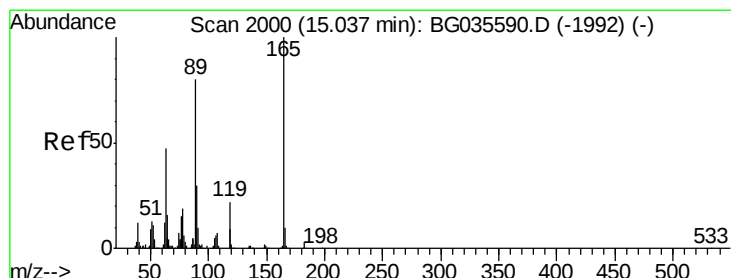
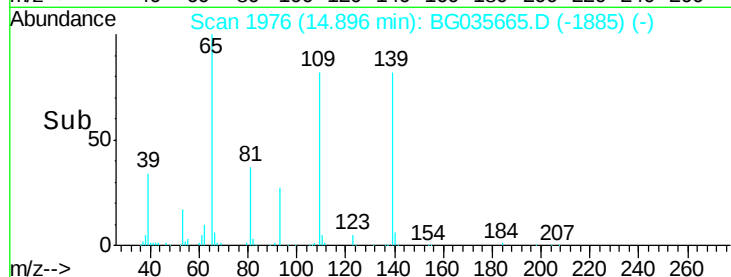
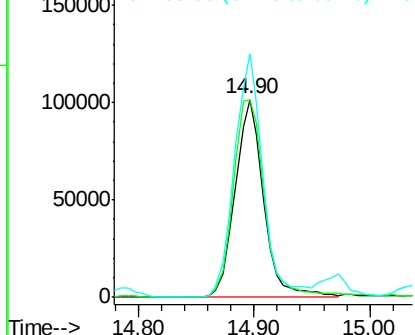
#55
4-Nitrophenol
Concen: 92.143 ng
RT: 14.90 min Scan# 1976
Delta R.T. 0.01 min
Lab File: BG035665.D
Acq: 16 Jul 2018 12:04

Instrument :
BNA_G
ClientSampleId :
LS-SOIL-1MSD

Tgt Ion:139 Resp: 173957
Ion Ratio Lower Upper
139 100
109 100.0 62.2 102.2
65 123.2 97.2 137.2



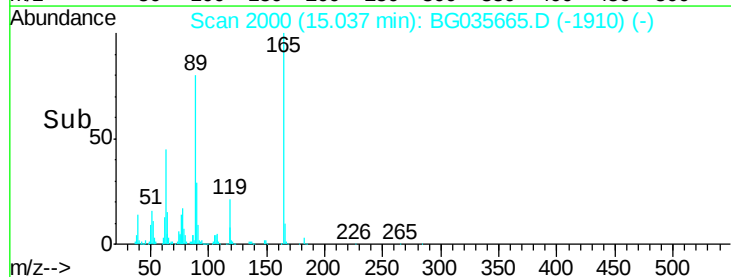
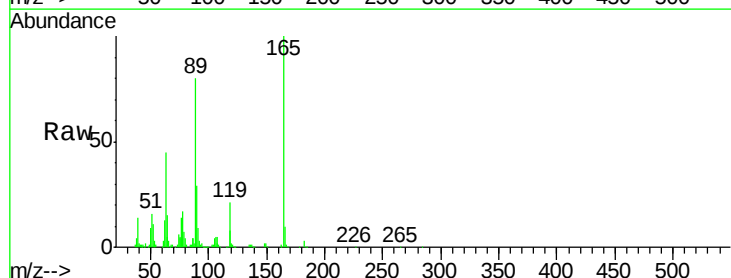
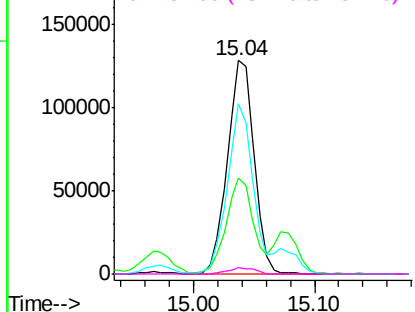
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

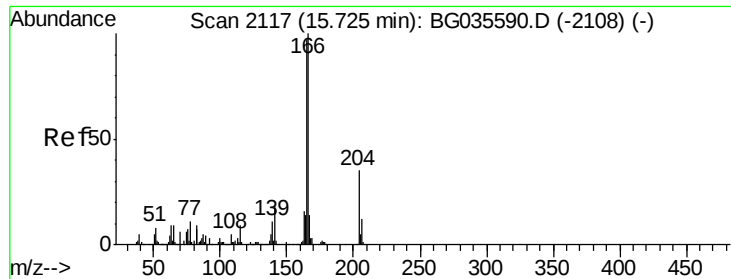


#56
2,4-Dinitrotoluene
Concen: 52.735 ng
RT: 15.04 min Scan# 2000
Delta R.T. -0.00 min
Lab File: BG035665.D
Acq: 16 Jul 2018 12:04

Tgt Ion:165 Resp: 196229
Ion Ratio Lower Upper
165 100
63 44.8 42.0 63.0
89 79.5 66.9 100.3
182 3.1 2.6 3.8

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





#57

Fluorene

Concen: 46.066 ng

RT: 15.72 min Scan# 2117

Delta R.T. -0.00 min

Lab File: BG035665.D

Acq: 16 Jul 2018 12:04

Instrument :

BNA_G

ClientSampleId :

LS-SOIL-1MSD

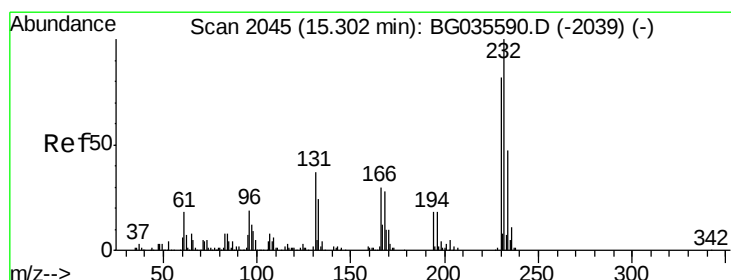
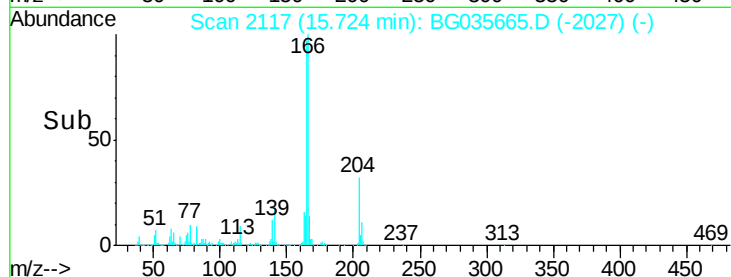
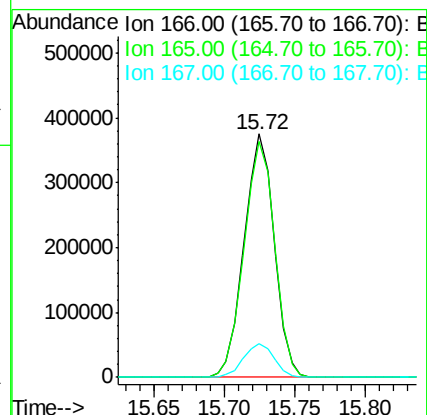
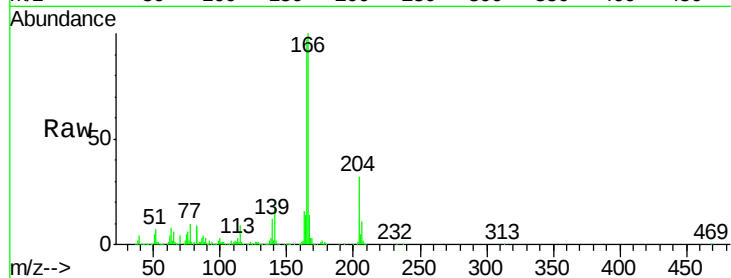
Tgt Ion:166 Resp: 561736

Ion Ratio Lower Upper

166 100

165 97.0 80.6 121.0

167 13.9 10.4 15.6



#58

2,3,4,6-Tetrachlorophenol

Concen: 52.927 ng

RT: 15.30 min Scan# 2045

Delta R.T. -0.00 min

Lab File: BG035665.D

Acq: 16 Jul 2018 12:04

Tgt Ion:232 Resp: 182161

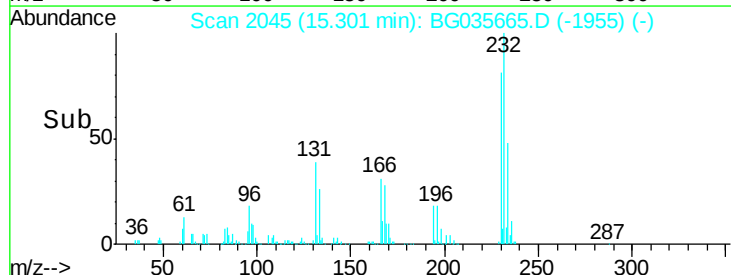
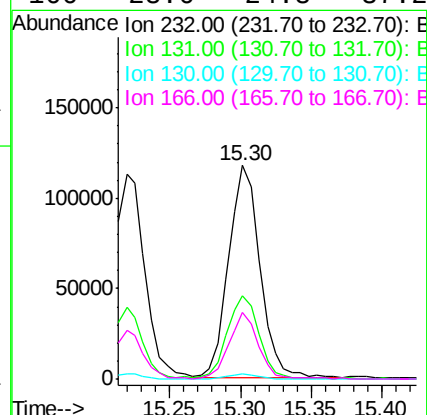
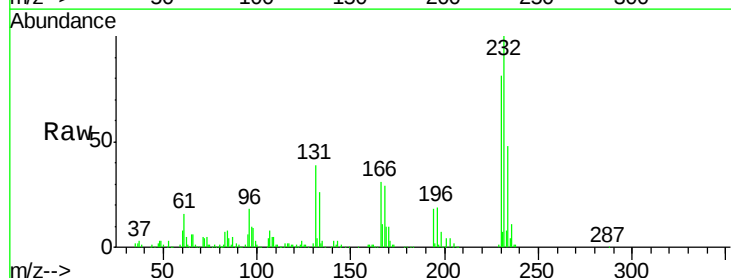
Ion Ratio Lower Upper

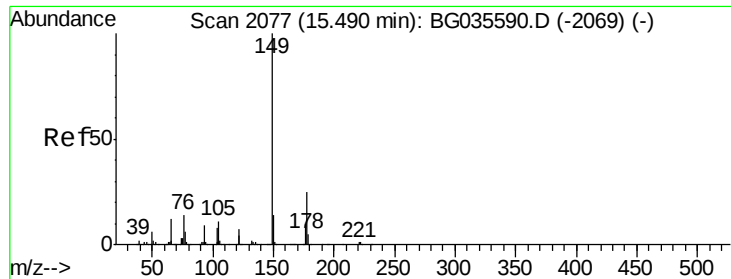
232 100

131 39.1 33.5 50.3

130 2.5 2.2 3.2

166 28.6 24.8 37.2

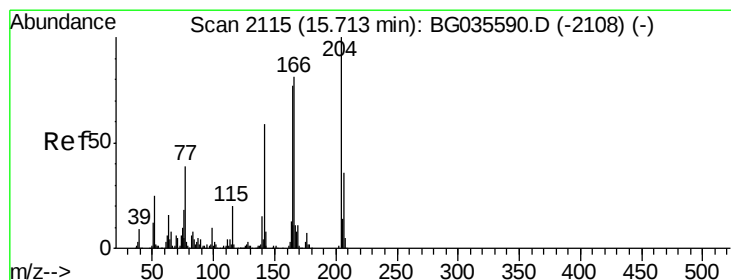
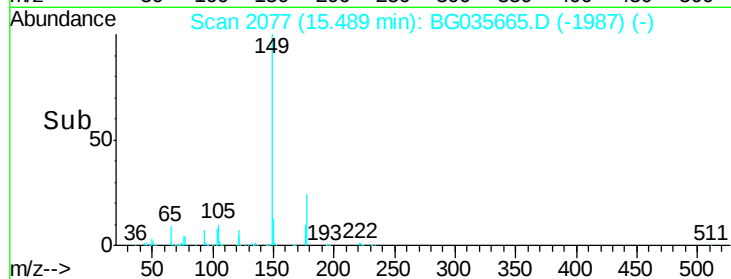
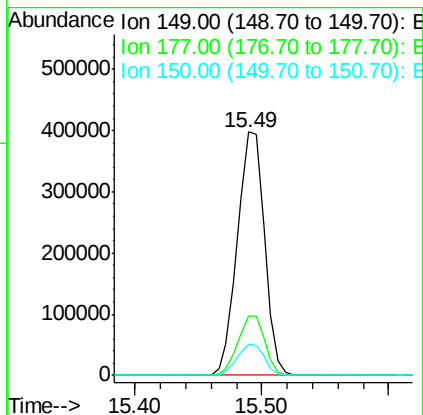
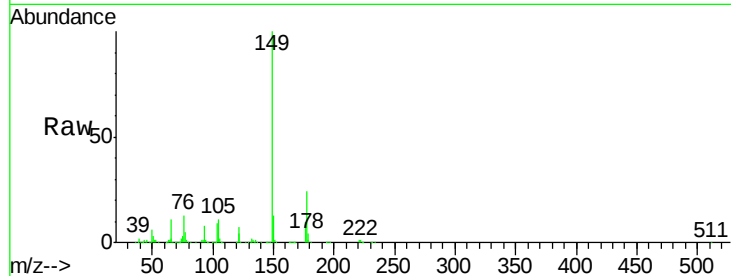




#59
Diethylphthalate
Concen: 44.925 ng
RT: 15.49 min Scan# 2077
Delta R.T. -0.00 min
Lab File: BG035665.D
Acq: 16 Jul 2018 12:04

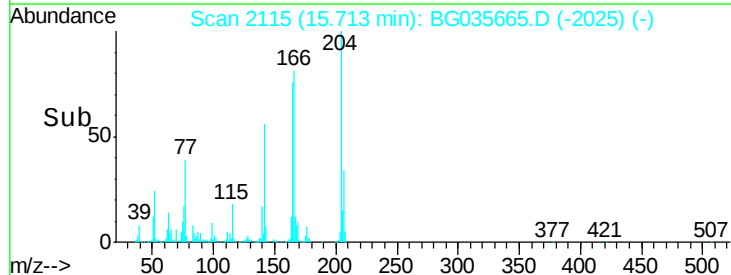
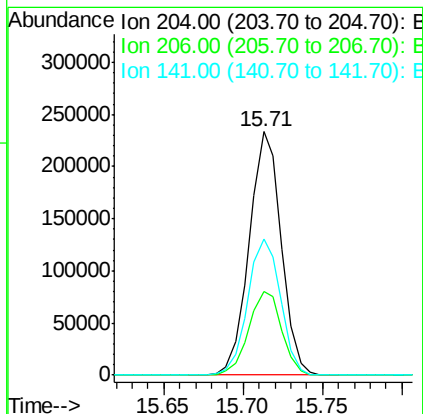
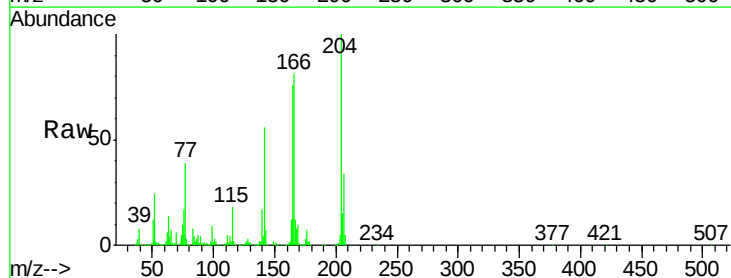
Instrument :
BNA_G
ClientSampleId :
LS-SOIL-1MSD

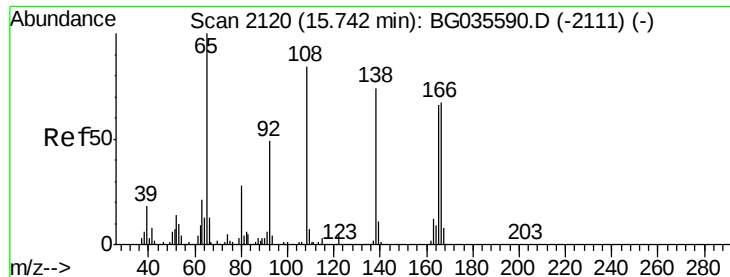
Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.4	18.5	27.7
150	12.7	10.2	15.2



#60
4-Chlorophenyl-phenylether
Concen: 45.571 ng
RT: 15.71 min Scan# 2115
Delta R.T. -0.00 min
Lab File: BG035665.D
Acq: 16 Jul 2018 12:04

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.2	26.2	39.2
141	55.8	45.8	68.6

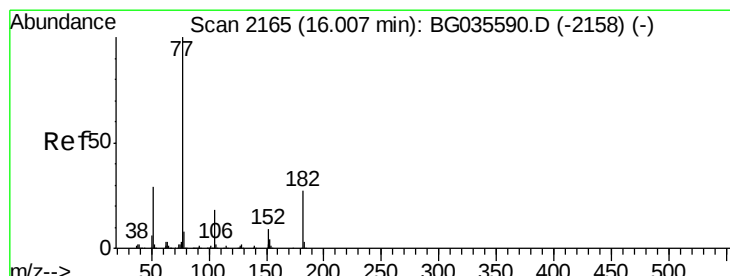
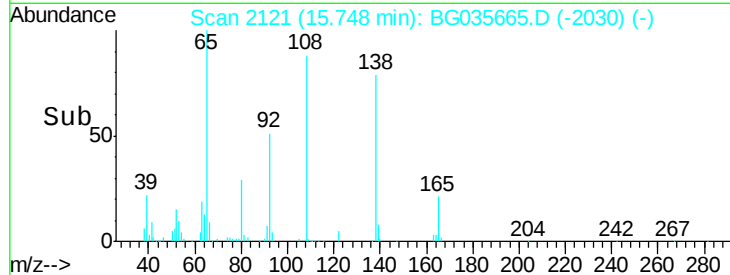
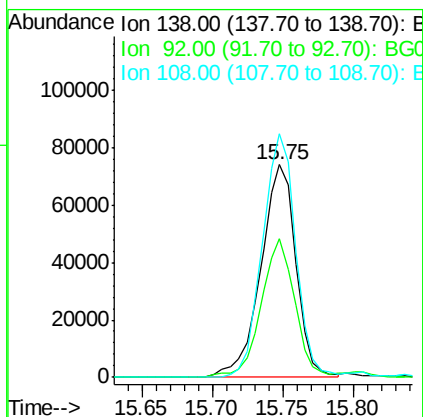
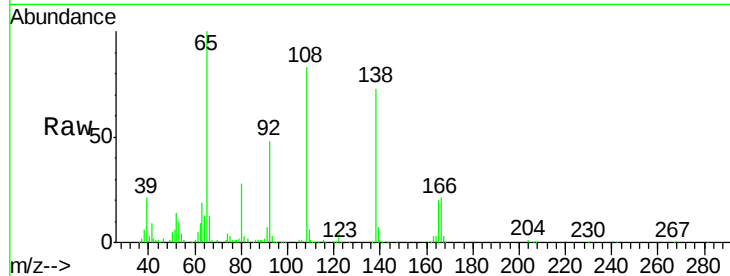




#61
4-Nitroaniline
Concen: 46.730 ng
RT: 15.75 min Scan# 2121
Delta R.T. 0.01 min
Lab File: BG035665.D
Acq: 16 Jul 2018 12:04

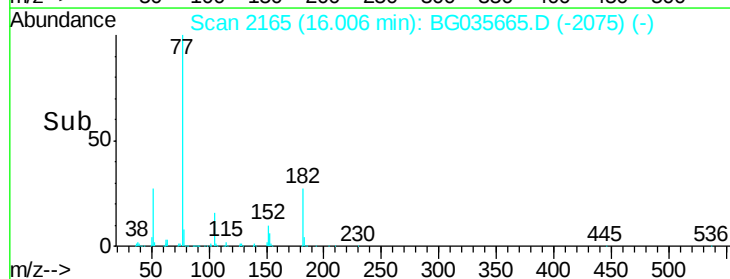
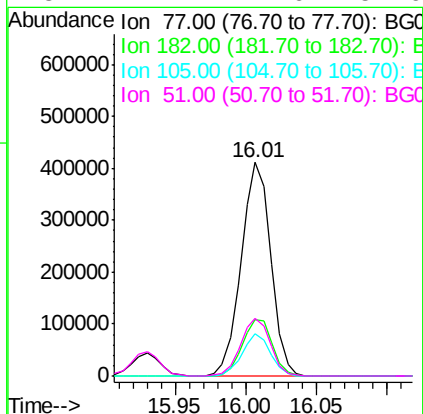
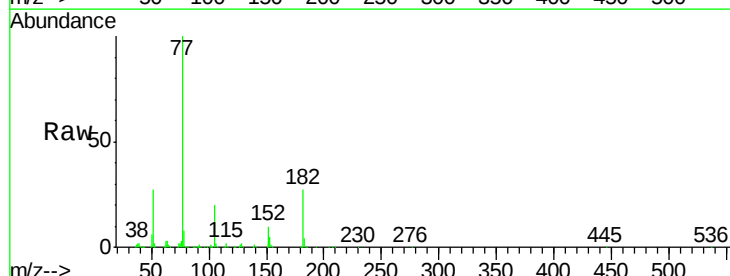
Instrument :
BNA_G
ClientSampleId :
LS-SOIL-1MSD

Tgt Ion:138 Resp: 129584
Ion Ratio Lower Upper
138 100
92 65.3 40.1 80.1
108 114.4 65.4 105.4#



#62
Azobenzene
Concen: 46.636 ng
RT: 16.01 min Scan# 2165
Delta R.T. -0.00 min
Lab File: BG035665.D
Acq: 16 Jul 2018 12:04

Tgt Ion: 77 Resp: 602465
Ion Ratio Lower Upper
77 100
182 26.6 7.4 47.4
105 20.0 0.3 40.3
51 27.2 11.6 51.6

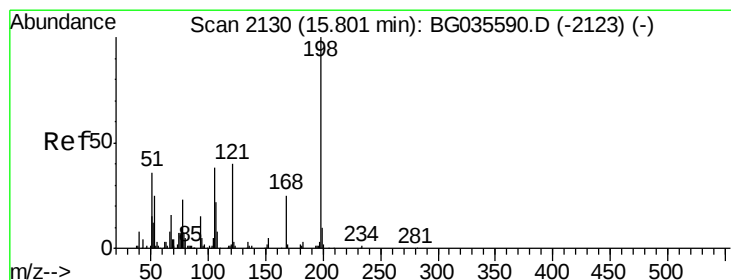
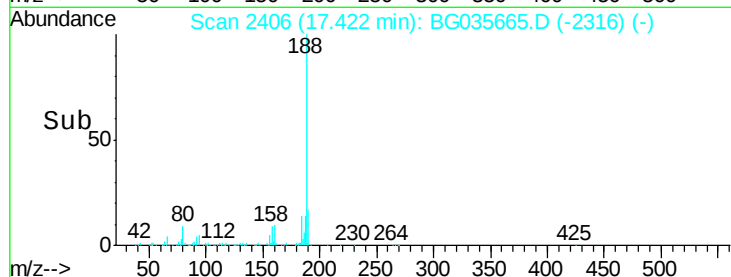
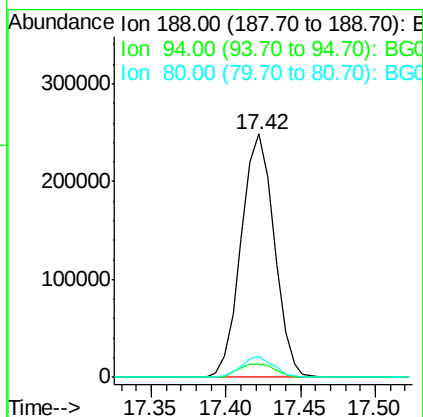
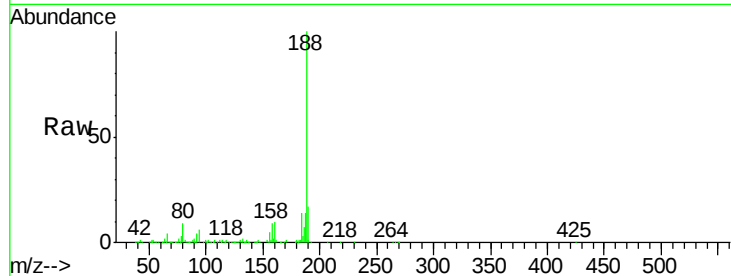




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2406
Delta R.T. -0.00 min
Lab File: BG035665.D
Acq: 16 Jul 2018 12:04

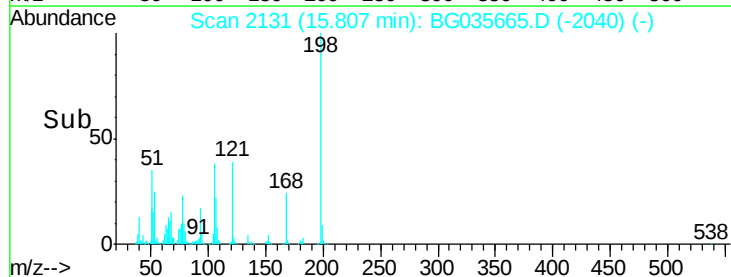
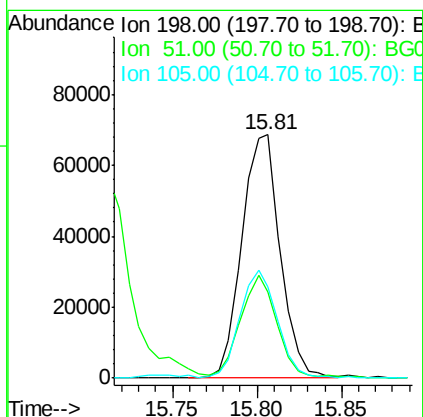
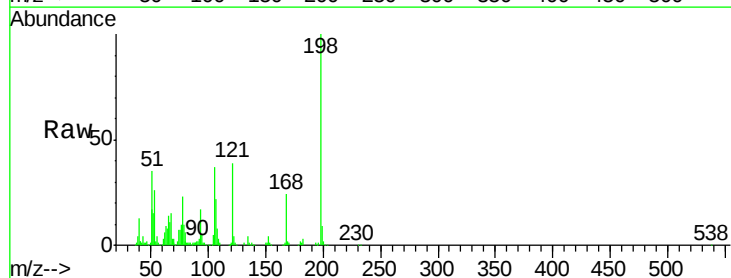
Instrument :
BNA_G
ClientSampleId :
LS-SOIL-1MSD

Tgt Ion:188 Resp: 382925
Ion Ratio Lower Upper
188 100
94 5.6 6.9 10.3#
80 8.5 7.7 11.5



#64
4,6-Dinitro-2-methylphenol
Concen: 50.767 ng
RT: 15.81 min Scan# 2131
Delta R.T. 0.01 min
Lab File: BG035665.D
Acq: 16 Jul 2018 12:04

Tgt Ion:198 Resp: 108216
Ion Ratio Lower Upper
198 100
51 35.2 30.6 70.6
105 37.4 23.8 63.8

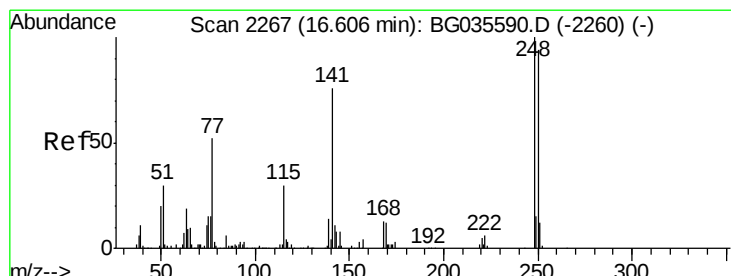
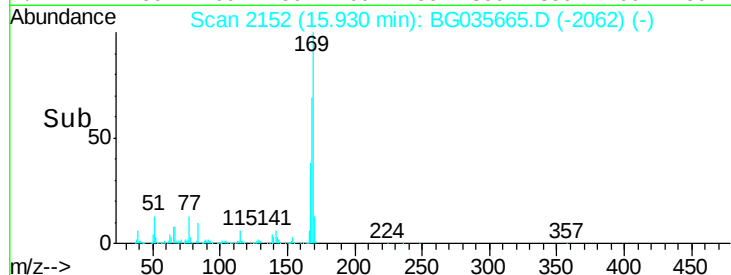
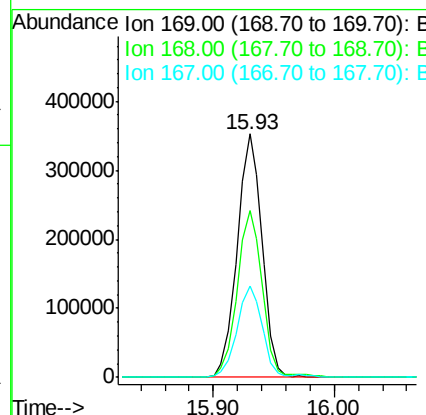
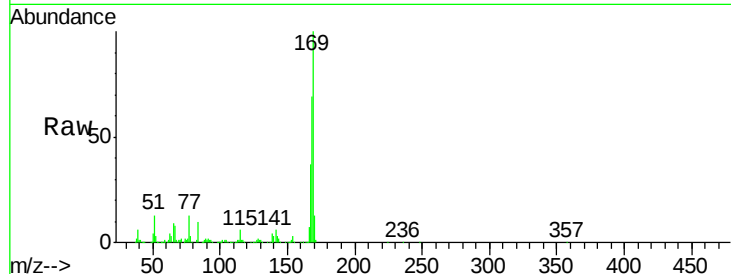




#65
 n-Nitrosodiphenylamine
 Concen: 46.331 ng
 RT: 15.93 min Scan# 2152
 Delta R.T. -0.00 min
 Lab File: BG035665.D
 Acq: 16 Jul 2018 12:04

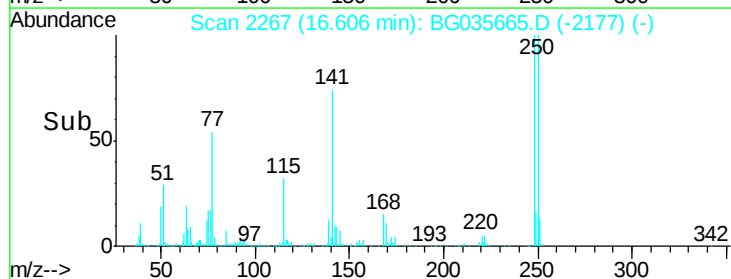
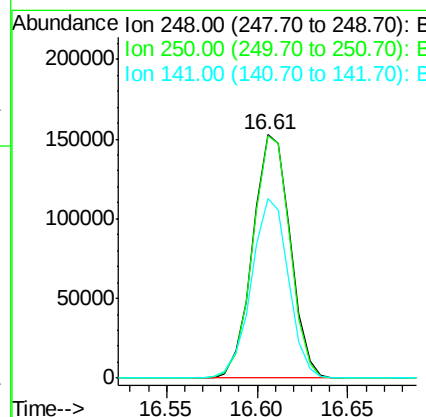
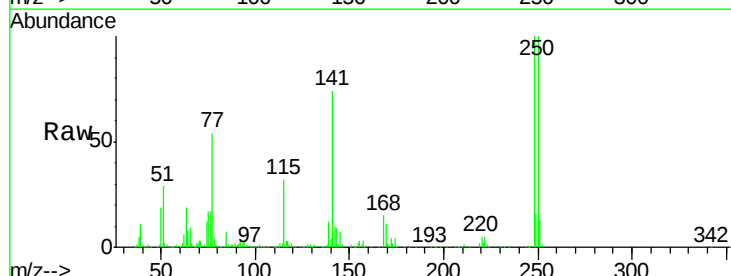
Instrument :
 BNA_G
 ClientSampleId :
 LS-SOIL-1MSD

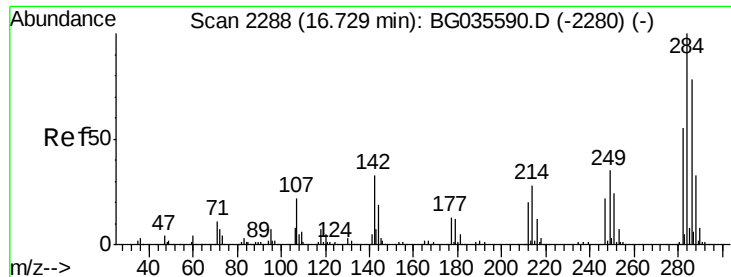
Tgt Ion	Resp	Lower	Upper
169	100		
168	68.8	55.7	83.5
167	37.5	30.1	45.1



#66
 4-Bromophenyl-phenylether
 Concen: 49.713 ng
 RT: 16.61 min Scan# 2267
 Delta R.T. -0.00 min
 Lab File: BG035665.D
 Acq: 16 Jul 2018 12:04

Tgt Ion	Resp	Lower	Upper
248	100		
250	99.8	77.1	115.7
141	73.9	50.8	76.2

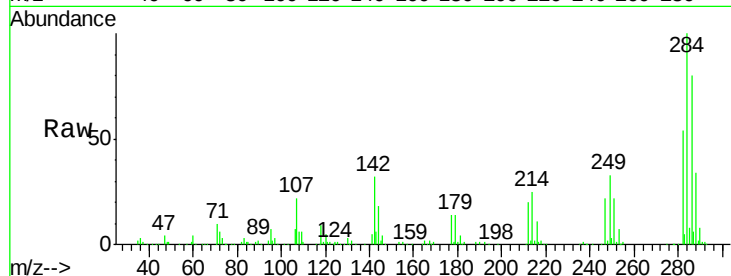




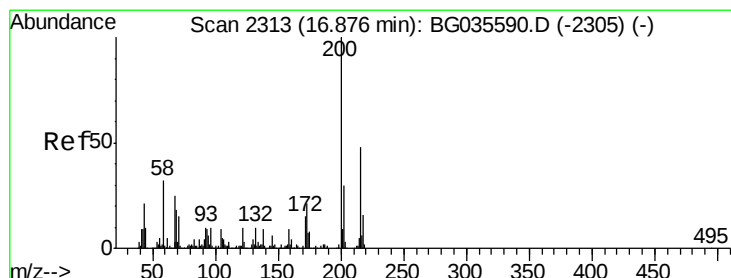
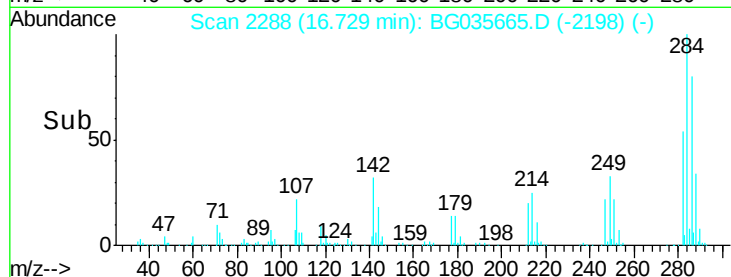
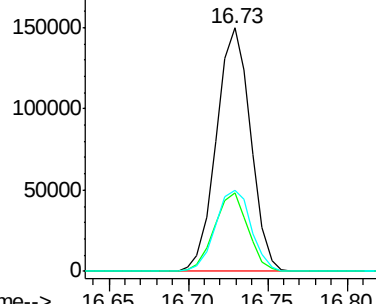
#67
Hexachlorobenzene
Concen: 49.089 ng
RT: 16.73 min Scan# 2288
Delta R.T. -0.00 min
Lab File: BG035665.D
Acq: 16 Jul 2018 12:04

Instrument :
BNA_G
ClientSampleId :
LS-SOIL-1MSD

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.2	26.8	40.2
249	33.5	26.3	39.5

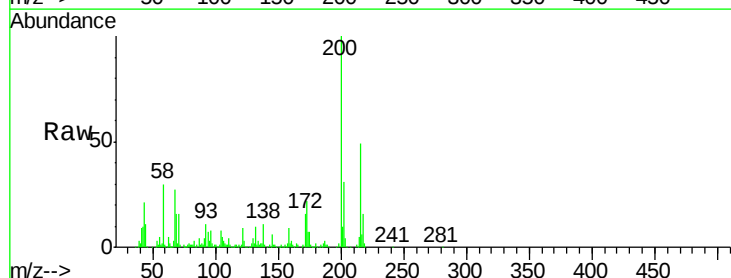


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

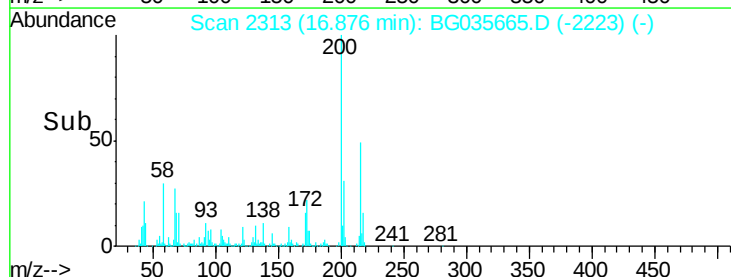
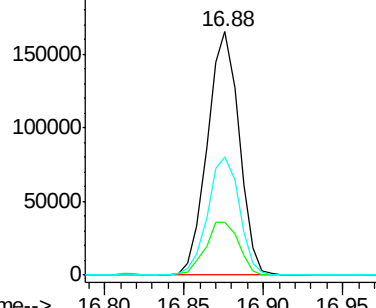


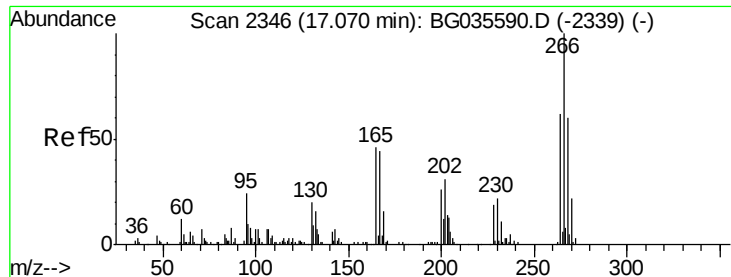
#68
Atrazine
Concen: 51.154 ng
RT: 16.88 min Scan# 2313
Delta R.T. -0.00 min
Lab File: BG035665.D
Acq: 16 Jul 2018 12:04

Tgt Ion	Ratio	Lower	Upper
200	100		
173	21.6	5.2	45.2
215	48.6	30.4	70.4



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

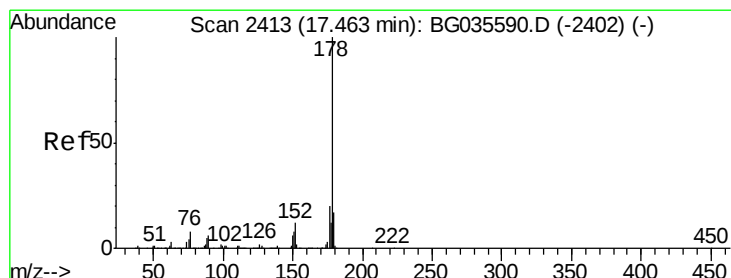
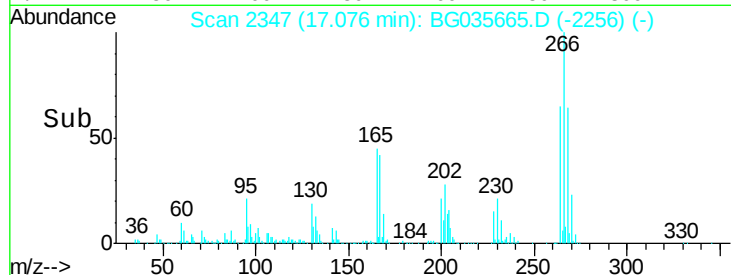
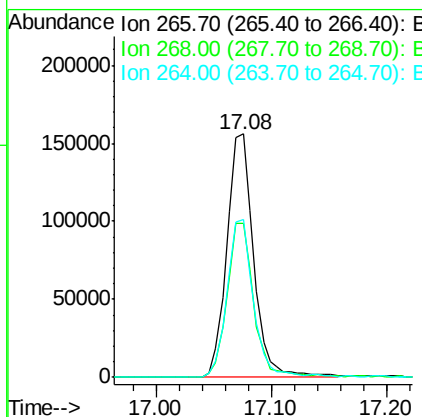
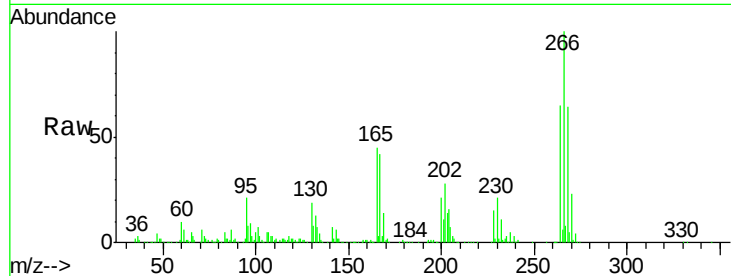




#69
 Pentachlorophenol
 Concen: 89.847 ng
 RT: 17.08 min Scan# 2347
 Delta R.T. 0.01 min
 Lab File: BG035665.D
 Acq: 16 Jul 2018 12:04

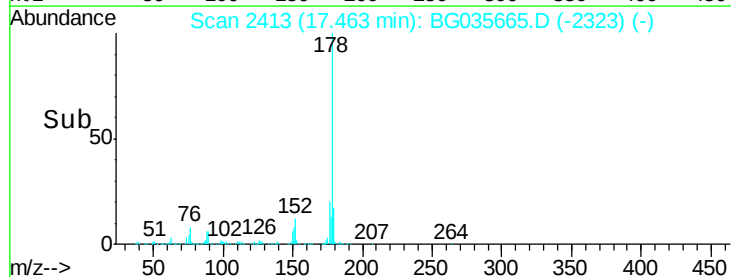
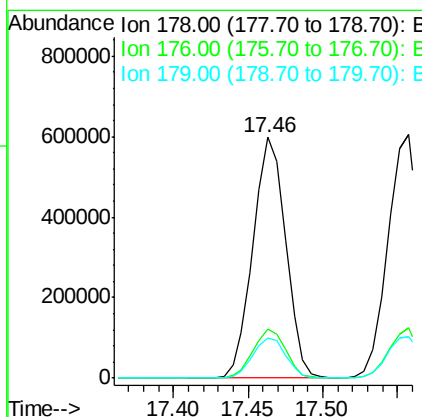
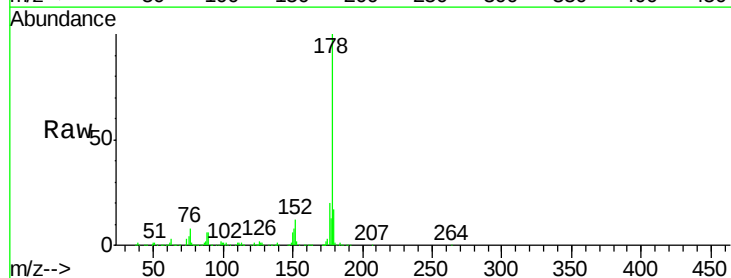
Instrument :
 BNA_G
 ClientSampleId :
 LS-SOIL-1MSD

Tgt Ion: 266 Resp: 250369
 Ion Ratio Lower Upper
 266 100
 268 63.5 51.1 76.7
 264 64.8 49.6 74.4



#70
 Phenanthrene
 Concen: 47.446 ng
 RT: 17.46 min Scan# 2413
 Delta R.T. -0.00 min
 Lab File: BG035665.D
 Acq: 16 Jul 2018 12:04

Tgt Ion: 178 Resp: 906568
 Ion Ratio Lower Upper
 178 100
 176 20.5 15.7 23.5
 179 16.7 12.5 18.7

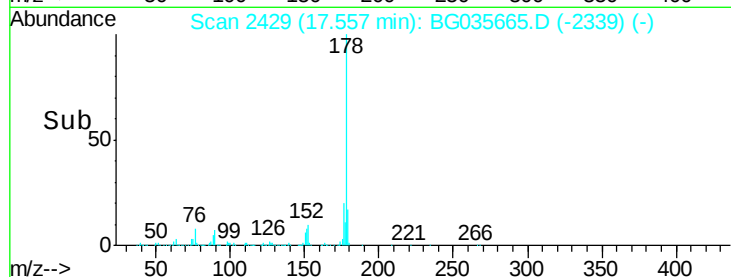
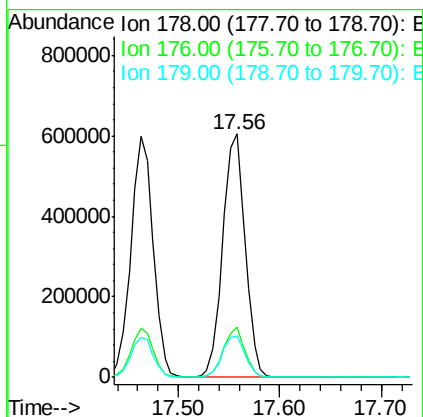
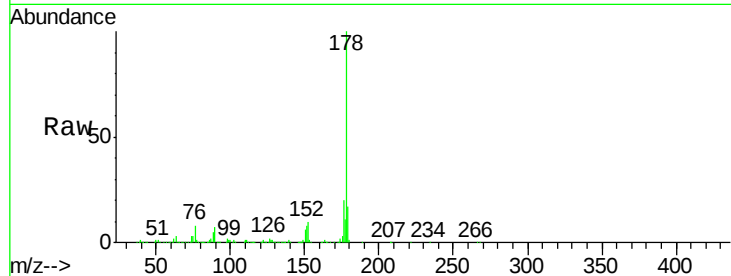




#71
 Anthracene
 Concen: 48.763 ng
 RT: 17.56 min Scan# 2429
 Delta R.T. -0.00 min
 Lab File: BG035665.D
 Acq: 16 Jul 2018 12:04

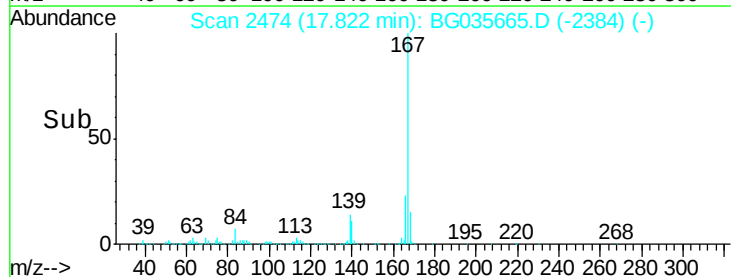
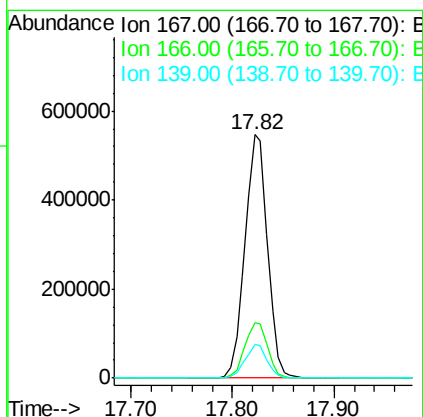
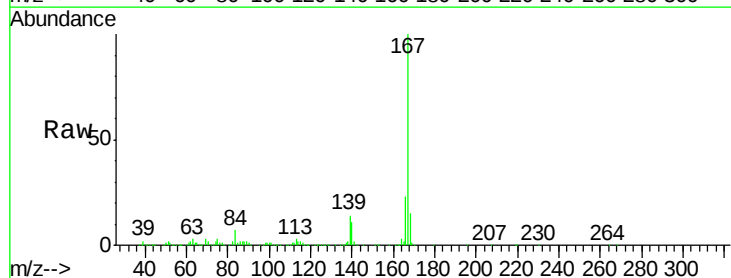
Instrument :
 BNA_G
 ClientSampleId :
 LS-SOIL-1MSD

Tgt Ion:178 Resp: 927743
 Ion Ratio Lower Upper
 178 100
 176 20.4 16.0 24.0
 179 17.0 12.5 18.7



#72
 Carbazole
 Concen: 46.700 ng
 RT: 17.82 min Scan# 2474
 Delta R.T. -0.00 min
 Lab File: BG035665.D
 Acq: 16 Jul 2018 12:04

Tgt Ion:167 Resp: 843796
 Ion Ratio Lower Upper
 167 100
 166 22.8 18.2 27.4
 139 14.1 9.4 14.2





#73

Di-n-butylphthalate

Concen: 45.389 ng

RT: 18.37 min Scan# 2568

Delta R.T. -0.00 min

Lab File: BG035665.D

Acq: 16 Jul 2018 12:04

Instrument :

BNA_G

ClientSampleId :

LS-SOIL-1MSD

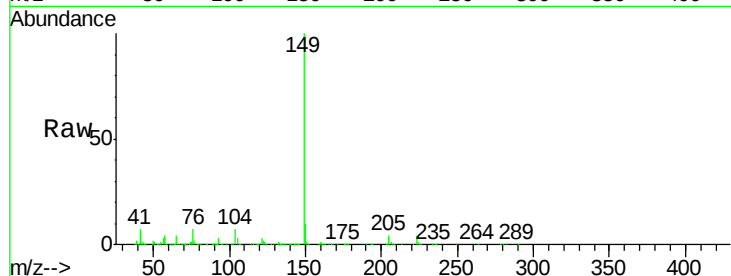
Tgt Ion:149 Resp: 969126

Ion Ratio Lower Upper

149 100

150 10.1 7.8 11.6

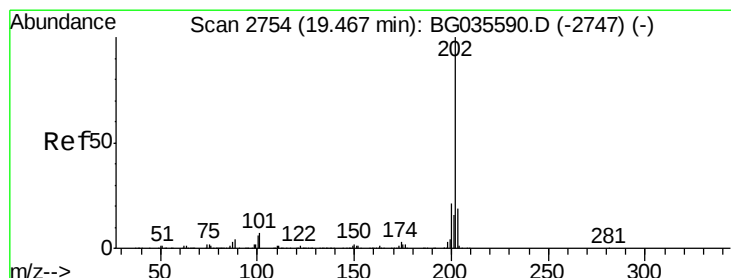
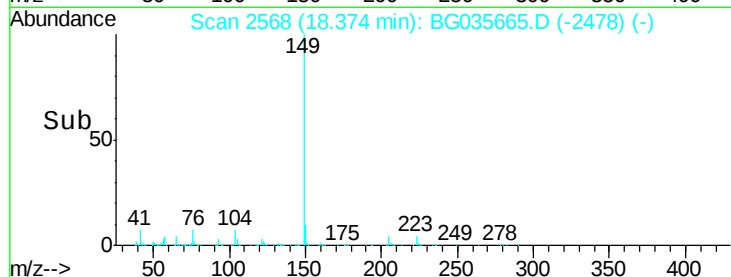
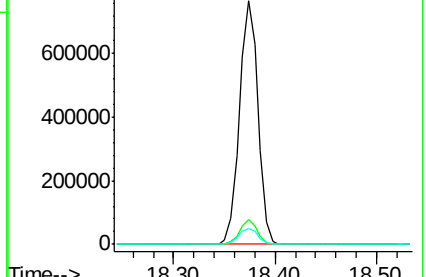
104 6.6 3.9 5.9#



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: 45.633 ng

RT: 19.47 min Scan# 2754

Delta R.T. -0.00 min

Lab File: BG035665.D

Acq: 16 Jul 2018 12:04

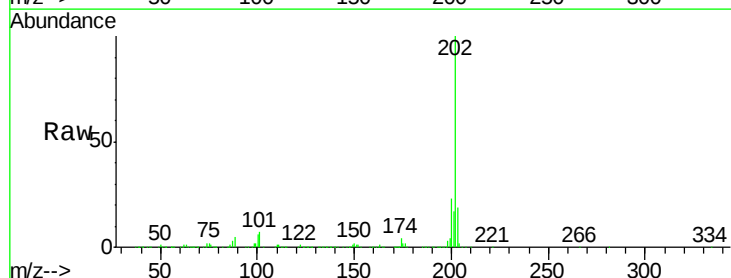
Tgt Ion:202 Resp: 1174467

Ion Ratio Lower Upper

202 100

101 7.1 0.0 28.9

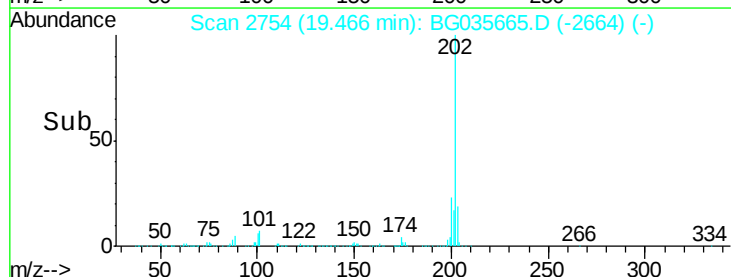
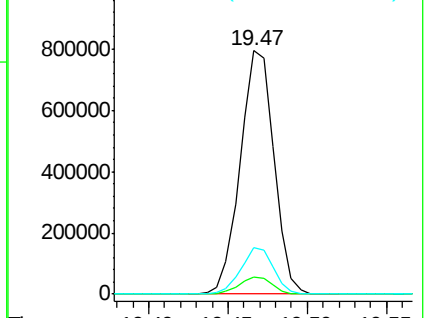
203 18.9 0.0 37.5

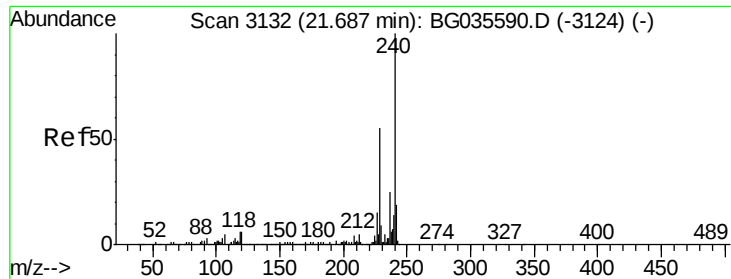


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3133

Delta R.T. 0.01 min

Lab File: BG035665.D

Acq: 16 Jul 2018 12:04

Instrument :

BNA_G

ClientSampleId :

LS-SOIL-1MSD

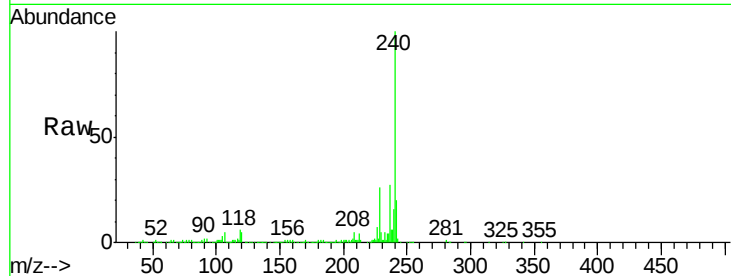
Tgt Ion:240 Resp: 398630

Ion Ratio Lower Upper

240 100

120 5.4 6.8 10.2#

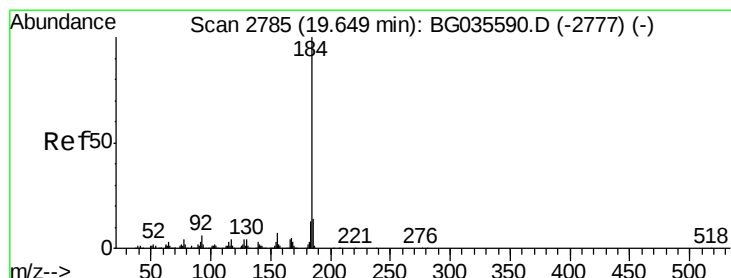
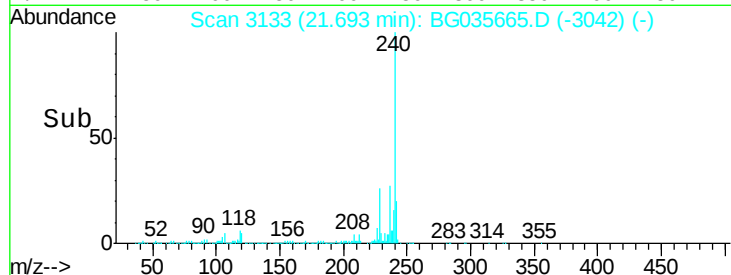
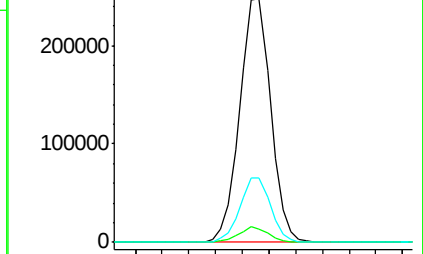
236 26.6 20.9 31.3



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: 6.493 ng

RT: 19.65 min Scan# 2785

Delta R.T. -0.00 min

Lab File: BG035665.D

Acq: 16 Jul 2018 12:04

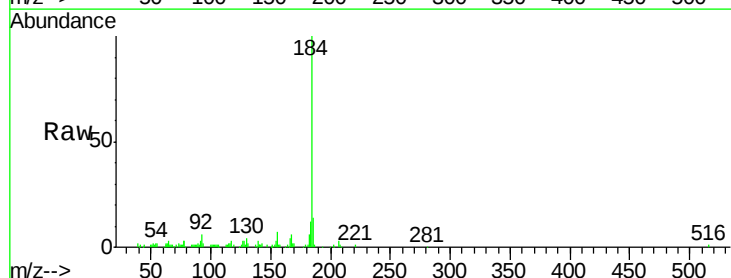
Tgt Ion:184 Resp: 68052

Ion Ratio Lower Upper

184 100

185 14.1 11.1 16.7

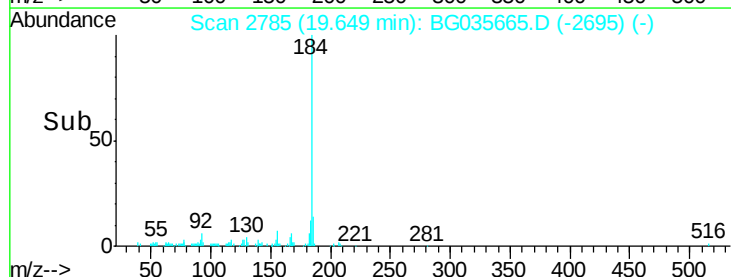
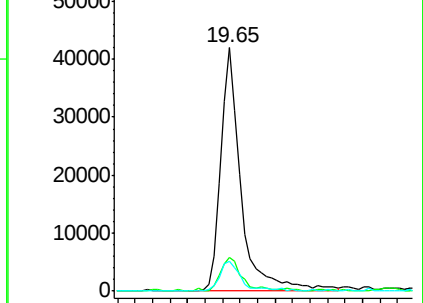
183 12.2 10.6 16.0

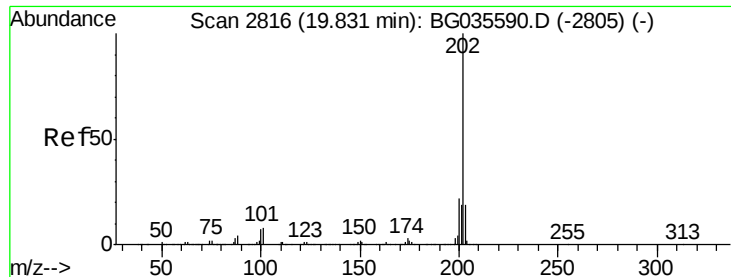


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 46.320 ng

RT: 19.83 min Scan# 2816

Delta R.T. -0.00 min

Lab File: BG035665.D

Acq: 16 Jul 2018 12:04

Instrument :

BNA_G

ClientSampleId :

LS-SOIL-1MSD

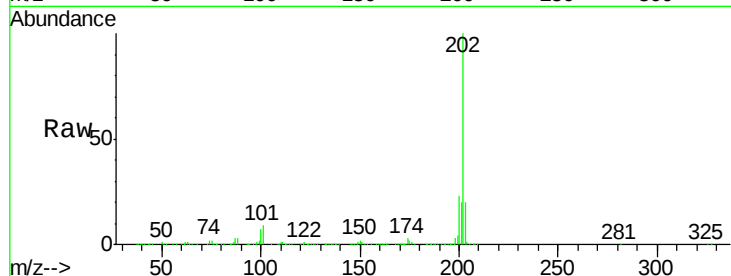
Tgt Ion:202 Resp: 1167538

Ion Ratio Lower Upper

202 100

200 23.0 16.9 25.3

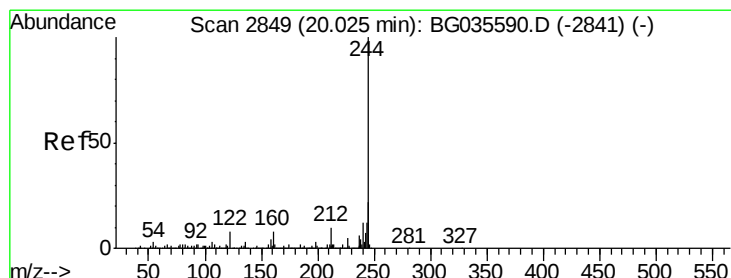
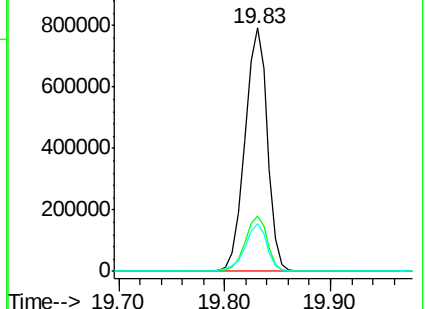
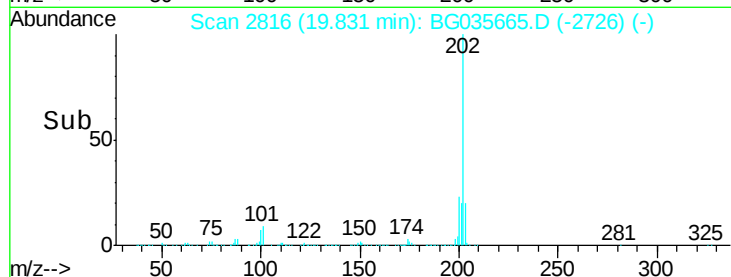
203 19.7 13.9 20.9



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: 97.660 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG035665.D

Acq: 16 Jul 2018 12:04

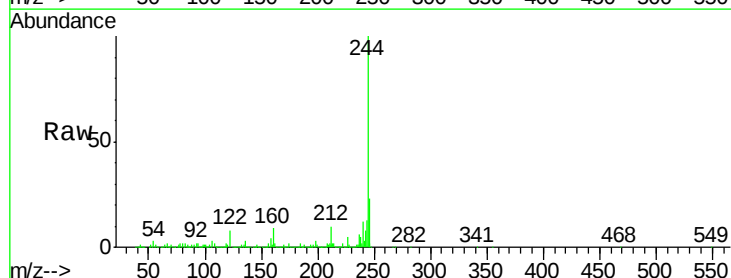
Tgt Ion:244 Resp: 1766107

Ion Ratio Lower Upper

244 100

212 10.3 5.8 8.8#

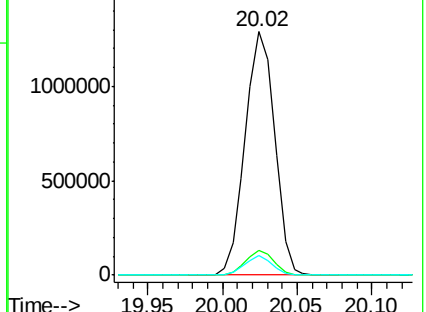
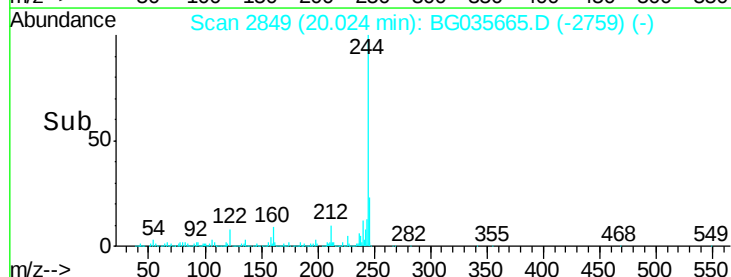
122 8.0 7.0 10.4

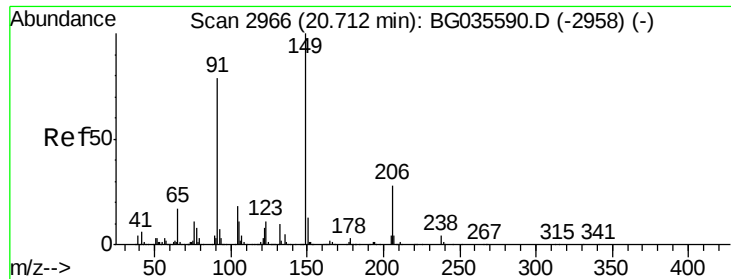


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 48.795 ng

RT: 20.71 min Scan# 2966

Delta R.T. -0.00 min

Lab File: BG035665.D

Acq: 16 Jul 2018 12:04

Instrument :

BNA_G

ClientSampleId :

LS-SOIL-1MSD

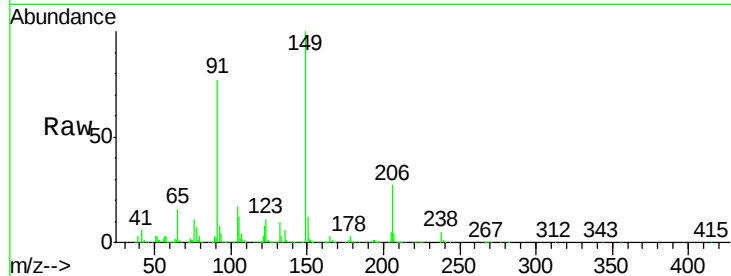
Tgt Ion:149 Resp: 439827

Ion Ratio Lower Upper

149 100

91 77.4 62.2 93.2

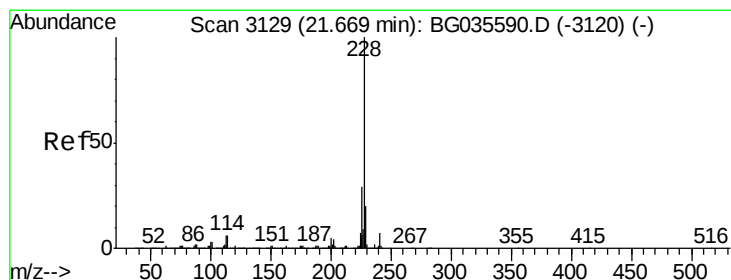
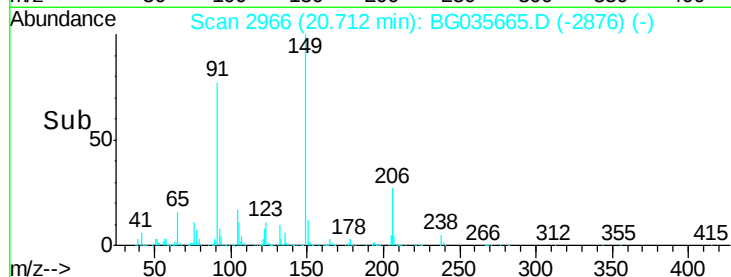
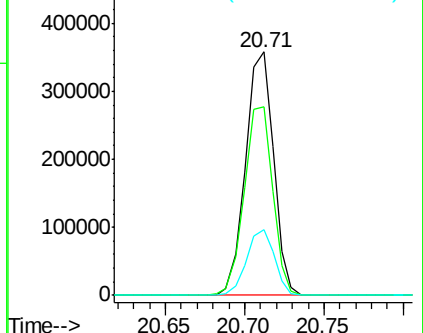
206 26.9 18.6 27.8



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: 47.548 ng

RT: 21.67 min Scan# 3129

Delta R.T. -0.00 min

Lab File: BG035665.D

Acq: 16 Jul 2018 12:04

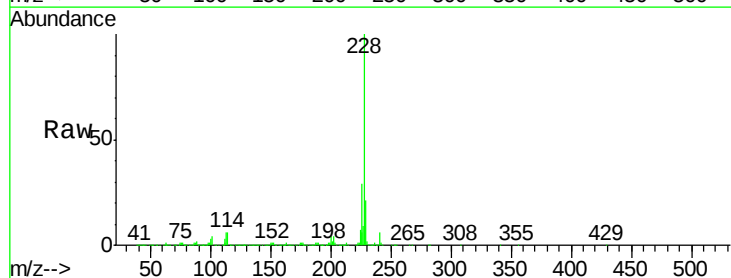
Tgt Ion:228 Resp: 1181155

Ion Ratio Lower Upper

228 100

226 29.1 22.7 34.1

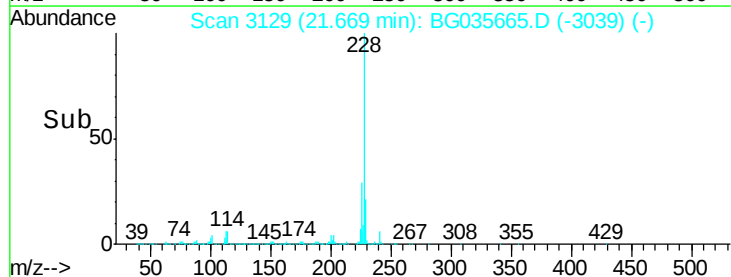
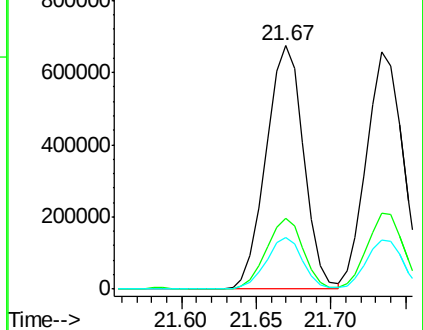
229 21.0 16.2 24.2

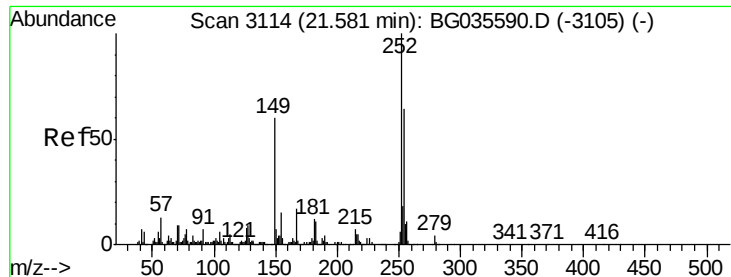


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

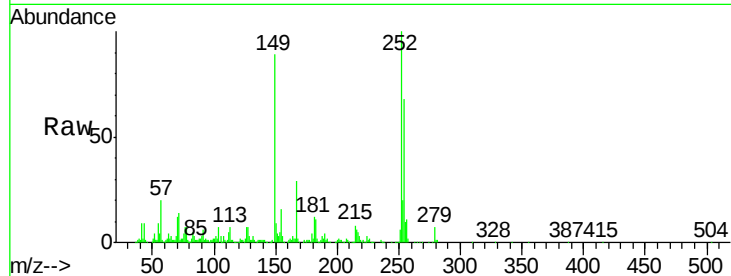




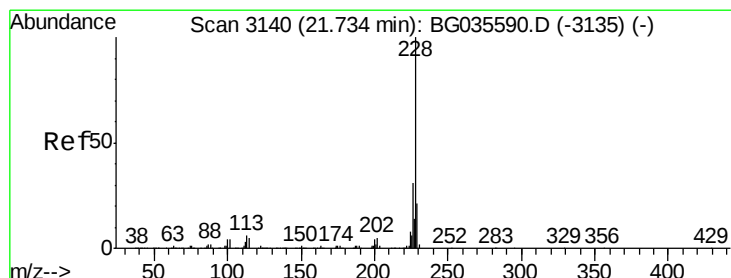
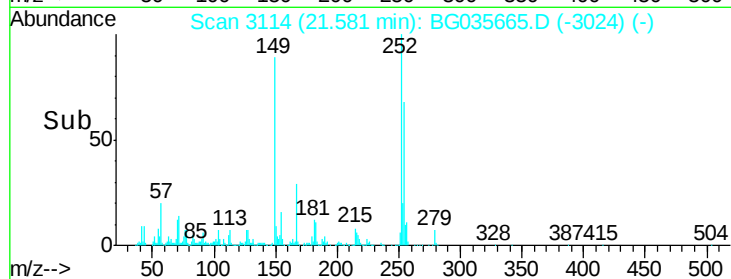
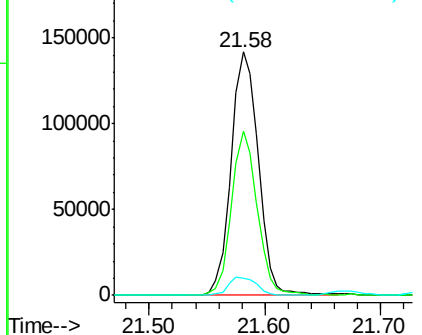
#81
 3,3'-Dichlorobenzidine
 Concen: 26.727 ng
 RT: 21.58 min Scan# 3114
 Delta R.T. -0.00 min
 Lab File: BG035665.D
 Acq: 16 Jul 2018 12:04

Instrument :
 BNA_G
 ClientSampleId :
 LS-SOIL-1MSD

Tgt Ion: 252 Resp: 231505
 Ion Ratio Lower Upper
 252 100
 254 67.6 50.8 76.2
 126 7.2 7.4 11.2#

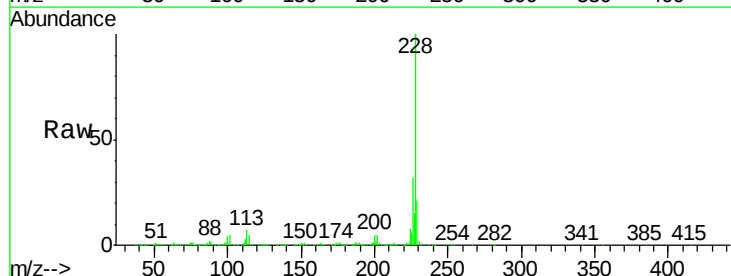


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

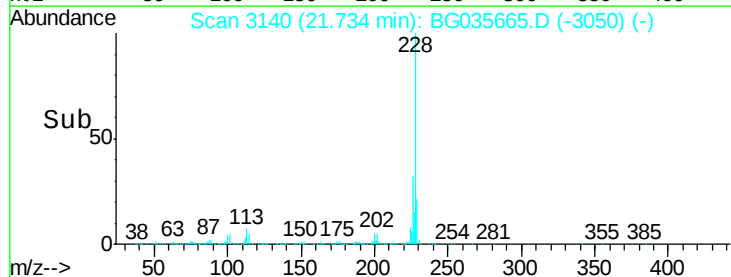
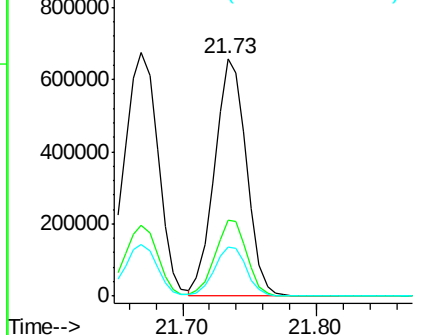


#82
 Chrysene
 Concen: 47.702 ng
 RT: 21.73 min Scan# 3140
 Delta R.T. -0.00 min
 Lab File: BG035665.D
 Acq: 16 Jul 2018 12:04

Tgt Ion: 228 Resp: 1098099
 Ion Ratio Lower Upper
 228 100
 226 31.9 24.9 37.3
 229 20.8 15.0 22.4



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

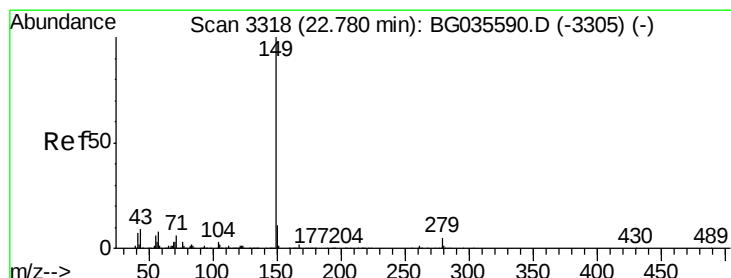
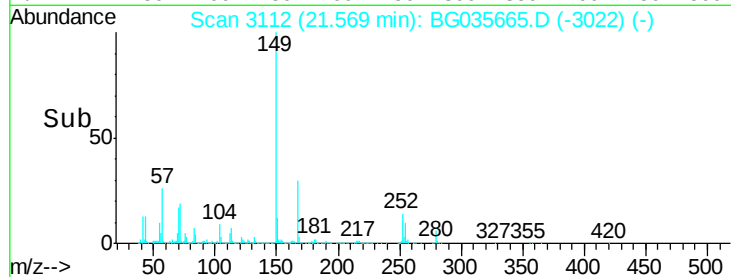
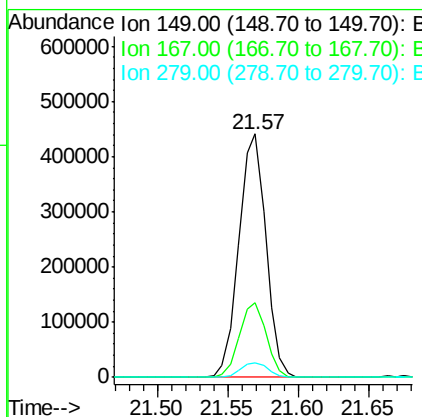
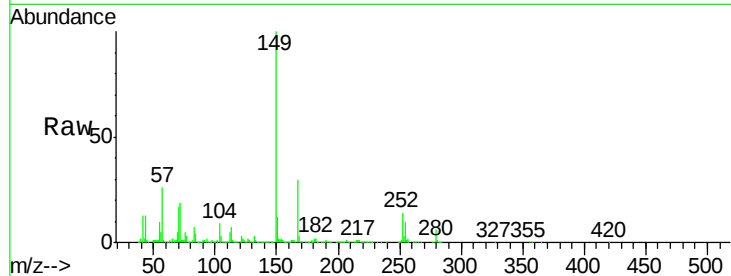




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.277 ng
 RT: 21.57 min Scan# 3112
 Delta R.T. -0.00 min
 Lab File: BG035665.D
 Acq: 16 Jul 2018 12:04

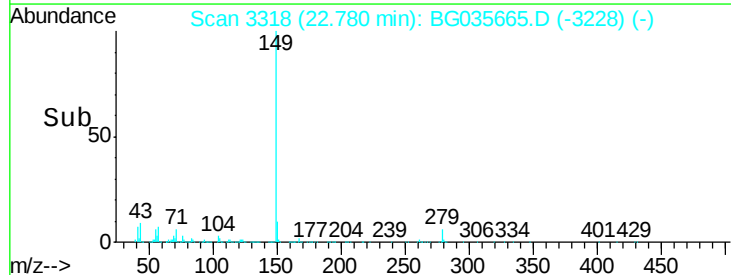
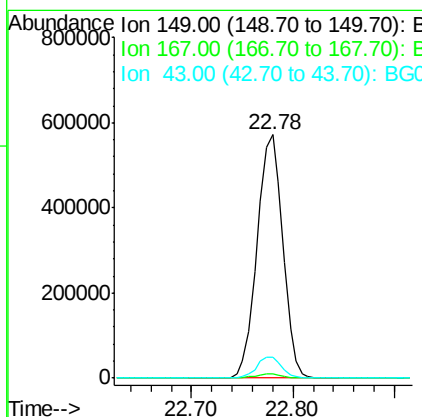
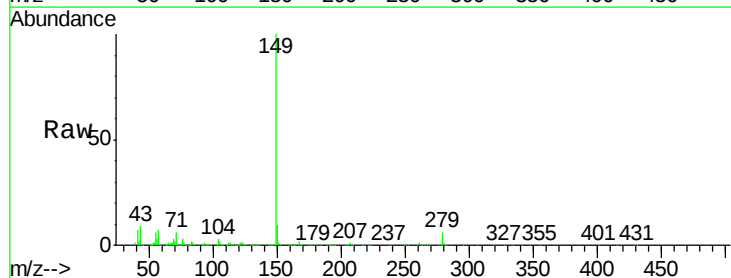
Instrument :
 BNA_G
 ClientSampleId :
 LS-SOIL-1MSD

Tgt Ion:149 Resp: 591601
 Ion Ratio Lower Upper
 149 100
 167 30.5 24.3 36.5
 279 5.8 4.0 6.0



#84
 Di-n-octyl phthalate
 Concen: 49.008 ng
 RT: 22.78 min Scan# 3318
 Delta R.T. -0.00 min
 Lab File: BG035665.D
 Acq: 16 Jul 2018 12:04

Tgt Ion:149 Resp: 1005552
 Ion Ratio Lower Upper
 149 100
 167 1.9 1.4 2.0
 43 8.5 8.9 13.3#





#85

Indeno(1,2,3-cd)pyrene

Concen: 50.474 ng

RT: 28.59 min Scan# 4307

Delta R.T. 0.01 min

Lab File: BG035665.D

Acq: 16 Jul 2018 12:04

Instrument :

BNA_G

ClientSampleId :

LS-SOIL-1MSD

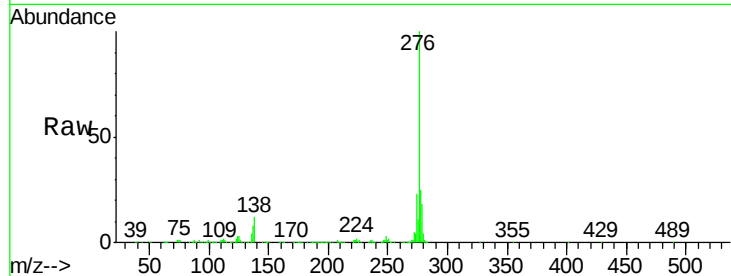
Tgt Ion:276 Resp: 1286409

Ion Ratio Lower Upper

276 100

138 14.6 16.0 24.0#

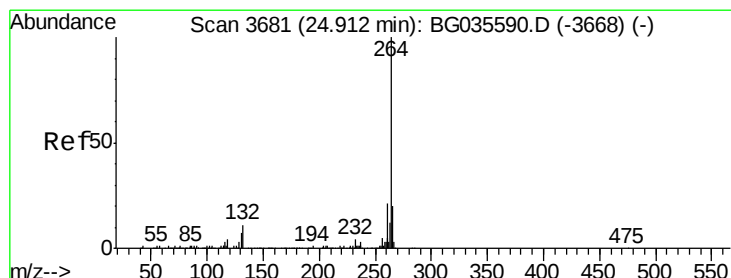
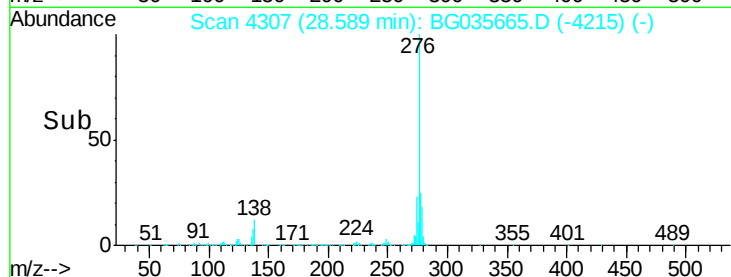
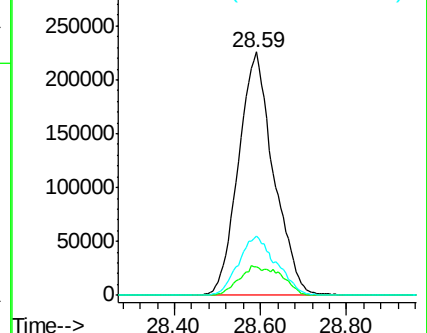
277 26.1 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.91 min Scan# 3681

Delta R.T. -0.00 min

Lab File: BG035665.D

Acq: 16 Jul 2018 12:04

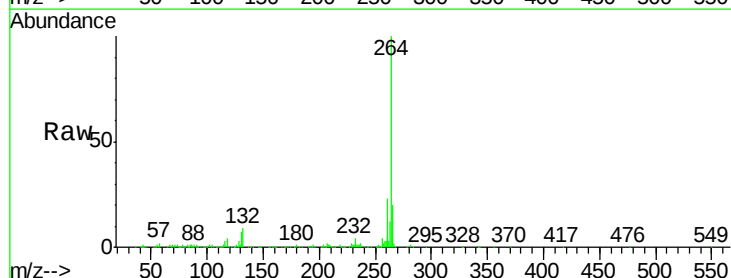
Tgt Ion:264 Resp: 392624

Ion Ratio Lower Upper

264 100

260 23.0 17.4 26.0

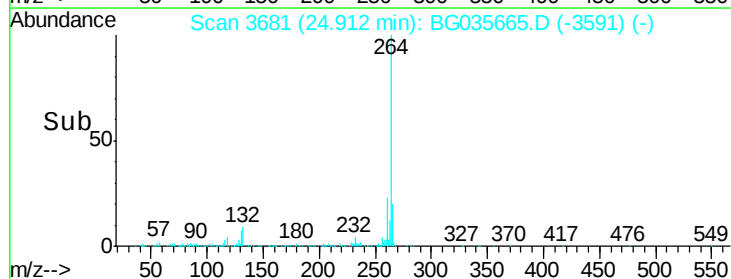
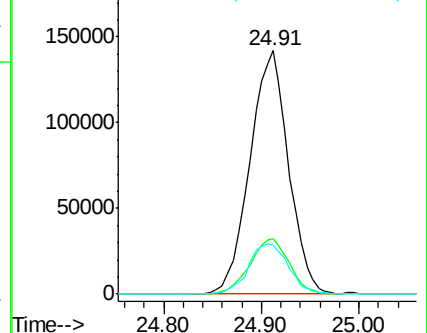
265 20.2 17.7 26.5

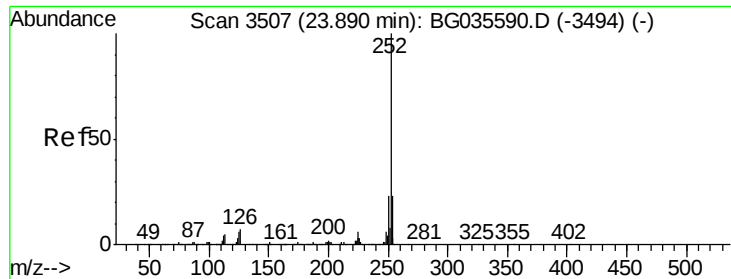


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

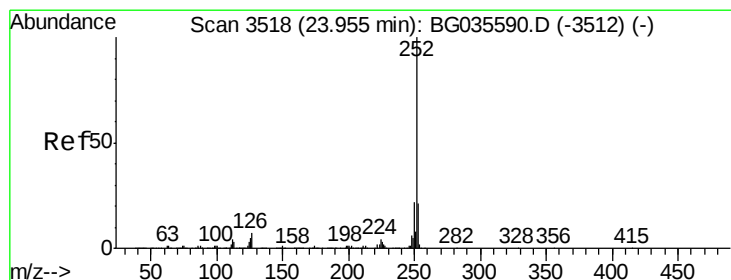
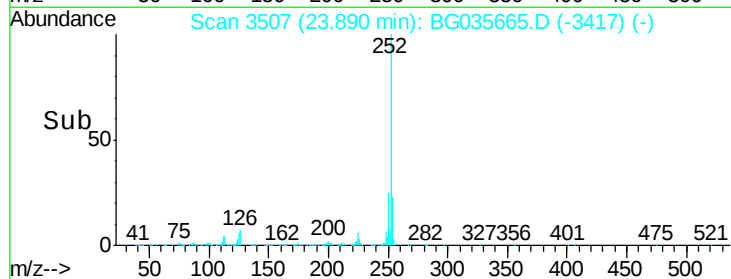
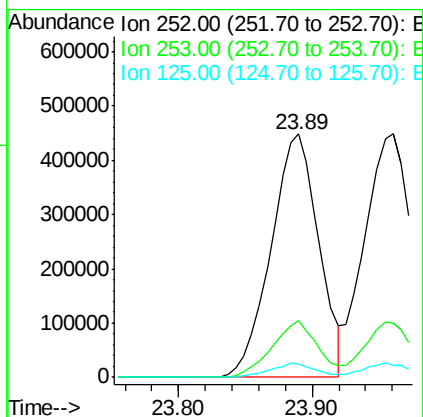
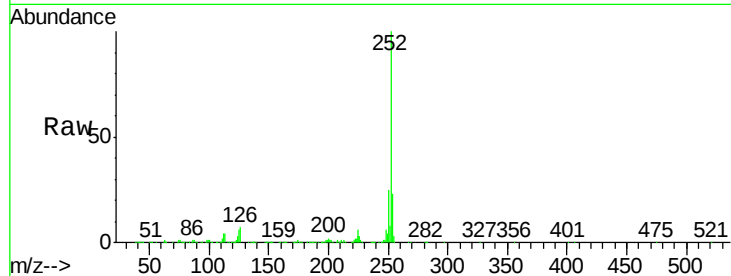




#87
Benzo(b)fluoranthene
Concen: 46.509 ng
RT: 23.89 min Scan# 3507
Delta R.T. -0.00 min
Lab File: BG035665.D
Acq: 16 Jul 2018 12:04

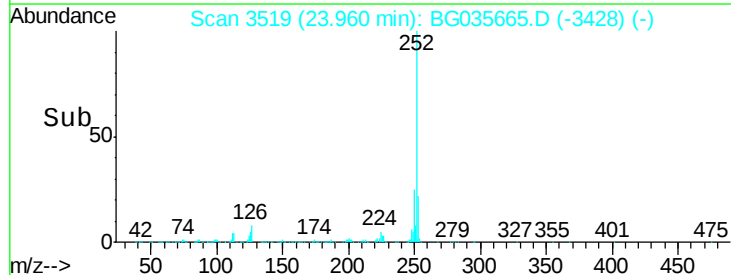
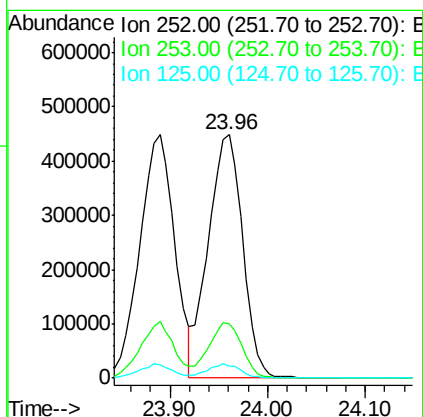
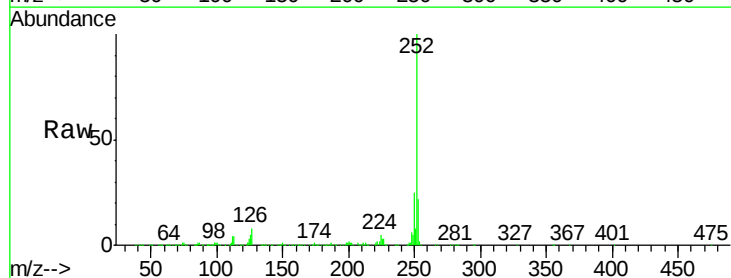
Instrument :
BNA_G
ClientSampleId :
LS-SOIL-1MSD

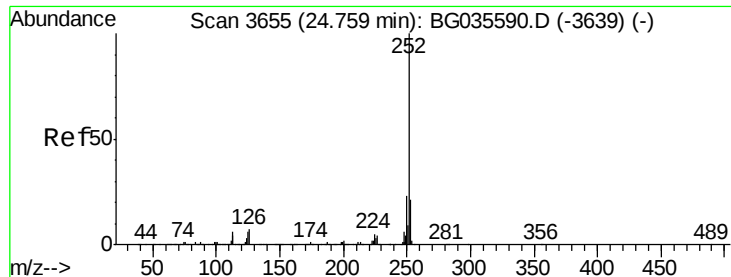
Tgt Ion:252 Resp: 1109873
Ion Ratio Lower Upper
252 100
253 23.5 18.2 27.4
125 5.7 7.2 10.8#



#88
Benzo(k)fluoranthene
Concen: 46.754 ng
RT: 23.96 min Scan# 3519
Delta R.T. 0.01 min
Lab File: BG035665.D
Acq: 16 Jul 2018 12:04

Tgt Ion:252 Resp: 1090762
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.2
125 4.9 6.6 9.8#





#89

Benzo(a)pyrene

Concen: 48.813 ng

RT: 24.76 min Scan# 3655

Delta R.T. -0.00 min

Lab File: BG035665.D

Acq: 16 Jul 2018 12:04

Instrument :

BNA_G

ClientSampleId :

LS-SOIL-1MSD

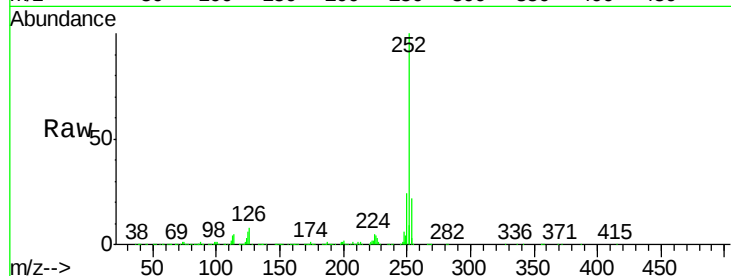
Tgt Ion:252 Resp: 1083682

Ion Ratio Lower Upper

252 100

253 21.9 18.3 27.5

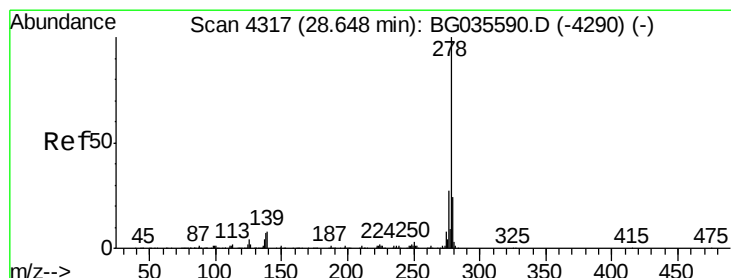
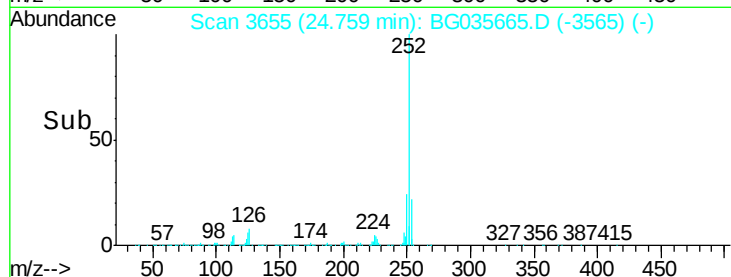
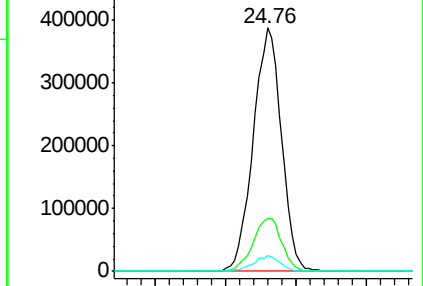
125 6.4 7.3 10.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 48.526 ng

RT: 28.64 min Scan# 4316

Delta R.T. -0.01 min

Lab File: BG035665.D

Acq: 16 Jul 2018 12:04

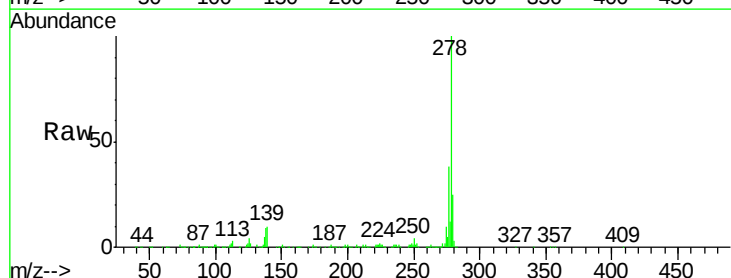
Tgt Ion:278 Resp: 1057651

Ion Ratio Lower Upper

278 100

139 10.0 9.8 14.6

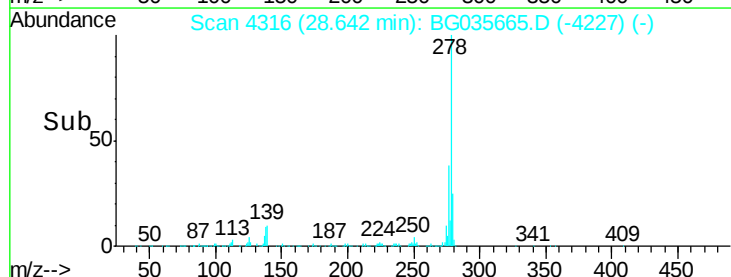
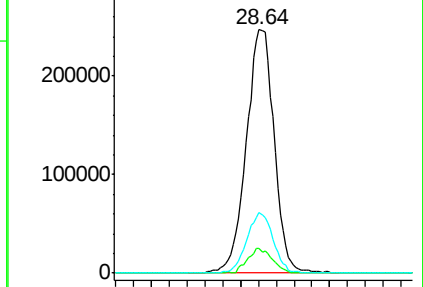
279 24.9 18.4 27.6

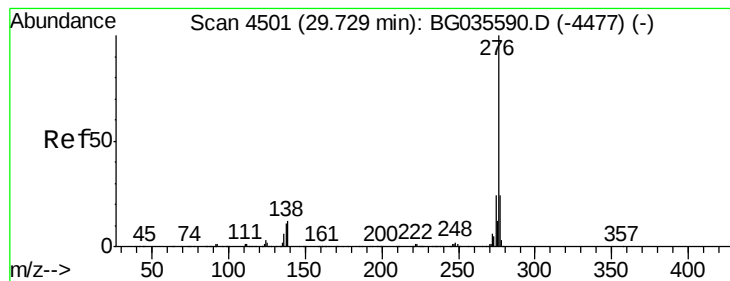


Abundance Ion 278.00 (277.70 to 278.70): E

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: 49.623 ng

RT: 29.74 min Scan# 4503

Delta R.T. 0.01 min

Lab File: BG035665.D

Acq: 16 Jul 2018 12:04

Instrument :

BNA_G

ClientSampleId :

LS-SOIL-1MSD

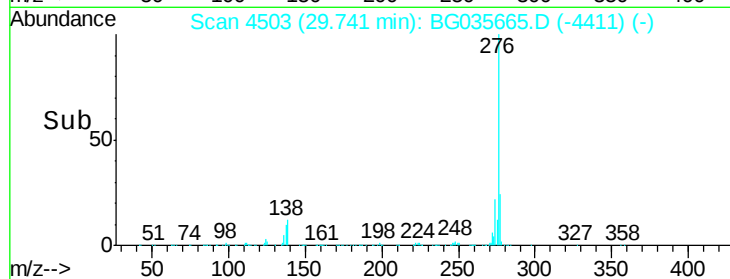
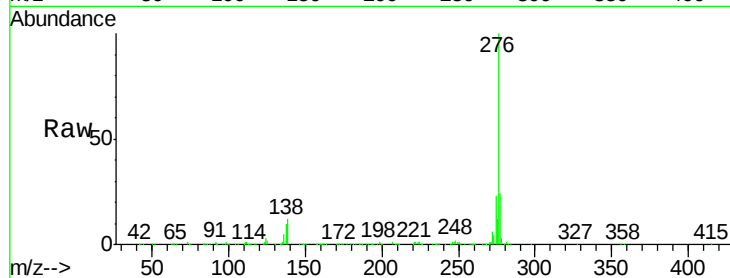
Tgt Ion:276 Resp: 1058359

Ion Ratio Lower Upper

276 100

277 23.8 18.3 27.5

138 11.8 13.9 20.9#



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

