

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG120717\
 Data File : BG031408.D
 Acq On : 7 Dec 2017 21:03
 Operator : SJ/JU
 Sample : I6765-12MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-SB006BMSD

Quant Time: Dec 08 02:52:31 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 17:58:37 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	45684	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	221046	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	169016	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	459783	20.00	ng	0.00
75) Chrysene-d12	21.77	240	490699	20.00	ng	0.00
86) Perylene-d12	25.06	264	491419	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.68	112	293006	109.98	ng	0.00
7) Phenol-d6	7.29	99	412353	114.89	ng	0.00
23) Nitrobenzene-d5	9.29	82	243533	65.28	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	225222	82.37	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	736890	62.65	ng	0.00
78) Terphenyl-d14	20.08	244	1390544	62.57	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	26726	24.720	ng	87
3) Pyridine	3.94	79	76357	24.328	ng	94
4) n-Nitrosodimethylamine	3.86	42	45131	30.339	ng	# 87
6) Aniline	7.45	93	117604	24.897	ng	93
8) 2-Chlorophenol	7.69	128	107513	36.568	ng	88
9) Benzaldehyde	7.27	77	36004	14.335	ng	88
10) Phenol	7.32	94	159341	42.749	ng	95
11) bis(2-Chloroethyl)ether	7.54	93	98564	33.118	ng	91
12) 1,3-Dichlorobenzene	8.01	146	108976	31.592	ng	97
13) 1,4-Dichlorobenzene	8.16	146	109574	31.347	ng	94
14) 1,2-Dichlorobenzene	8.48	146	105242	31.369	ng	95
15) Benzyl Alcohol	8.36	79	94418	32.795	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.65	45	150934	45.914	ng	92
17) 2-Methylphenol	8.58	107	96857	37.316	ng	98
18) Hexachloroethane	9.21	117	38027	31.257	ng	91
19) n-Nitroso-di-n-propylamine	8.92	70	85434	31.306	ng	# 96
20) 3+4-Methylphenols	8.90	107	135193	36.629	ng	90
22) Acetophenone	8.95	105	160456	29.154	ng	# 91
24) Nitrobenzene	9.34	77	124465	32.663	ng	# 90
25) Isophorone	9.86	82	251993	34.637	ng	# 94
26) 2-Nitrophenol	10.05	139	66902	33.683	ng	93
27) 2,4-Dimethylphenol	10.11	122	114550	38.847	ng	93
28) bis(2-Chloroethoxy)methane	10.33	93	149936	32.722	ng	96
29) 2,4-Dichlorophenol	10.60	162	130126	36.749	ng	93
30) 1,2,4-Trichlorobenzene	10.80	180	128535	30.405	ng	98
31) Naphthalene	10.99	128	341758	31.451	ng	99
32) Benzoic acid	10.24	122	4025	7.107	ng	# 73
33) 4-Chloroaniline	11.11	127	113826	23.929	ng	94
34) Hexachlorobutadiene	11.27	225	82131	28.014	ng	96
35) Caprolactam	11.87	113	54253	37.507	ng	# 73
36) 4-Chloro-3-methylphenol	12.22	107	144457	37.484	ng	# 89
37) 2-Methylnaphthalene	12.59	142	279629	33.335	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	169218	25.226	ng	97
40) Hexachlorocyclopentadiene	12.92	237	113794	50.414	ng	90

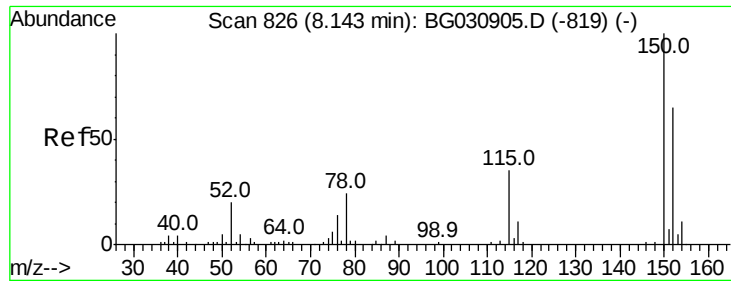
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG120717\
 Data File : BG031408.D
 Acq On : 7 Dec 2017 21:03
 Operator : SJ/JU
 Sample : I6765-12MSD
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Quant Time: Dec 08 02:52:31 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 17:58:37 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.19	196	126702	33.040	nq	99
43) 2,4,5-Trichlorophenol	13.28	196	137582	32.791	nq	# 95
45) 1,1'-Biphenyl	13.58	154	376373	26.854	nq	96
46) 2-Chloronaphthalene	13.63	162	313256	30.978	nq	95
47) 2-Nitroaniline	13.83	65	99621	33.238	nq	# 79
48) Acenaphthylene	14.47	152	499825	30.200	nq	98
49) Dimethylphthalate	14.19	163	516942	35.374	nq	99
50) 2,6-Dinitrotoluene	14.32	165	105981	35.185	nq	# 77
51) Acenaphthene	14.81	154	306797	29.681	nq	99
52) 3-Nitroaniline	14.66	138	83981	26.258	nq	# 81
53) 2,4-Dinitrophenol	14.89	184	37200	26.668	nq	# 45
54) Dibenzofuran	15.14	168	528927	32.126	nq	99
55) 4-Nitrophenol	14.99	139	154292	67.723	nq	# 81
56) 2,4-Dinitrotoluene	15.12	165	152146	34.939	nq	# 77
57) Fluorene	15.79	166	425862	31.860	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.38	232	142531	35.643	nq	# 90
59) Diethylphthalate	15.55	149	485096	32.679	nq	96
60) 4-Chlorophenyl-phenylether	15.77	204	250860	31.075	nq	92
61) 4-Nitroaniline	15.82	138	116384	34.365	nq	91
62) Azobenzene	16.07	77	380526	33.612	nq	94
64) 4,6-Dinitro-2-methylphenol	15.88	198	72719	23.794	nq	78
65) n-Nitrosodiphenylamine	15.99	169	415418	29.816	nq	99
66) 4-Bromophenyl-phenylether	16.67	248	166242	28.548	nq	98
67) Hexachlorobenzene	16.80	284	162673	26.290	nq	96
68) Atrazine	16.94	200	179493	31.224	nq	98
69) Pentachlorophenol	17.15	266	154990	45.314	nq	98
70) Phenanthrene	17.53	178	741155	30.960	nq	99
71) Anthracene	17.62	178	751101	31.312	nq	99
72) Carbazole	17.89	167	718551	31.970	nq	99
73) Di-n-butylphthalate	18.43	149	810341	29.364	nq	100
74) Fluoranthene	19.53	202	941731	31.069	nq	98
76) Benzidine	19.71	184	490080	31.092	nq	98
77) Pyrene	19.90	202	953681	32.752	nq	99
79) Butylbenzylphthalate	20.76	149	368268	31.720	nq	89
80) Benzo(a)anthracene	21.74	228	932970	30.609	nq	98
81) 3,3'-Dichlorobenzidine	21.65	252	237622	19.313	nq	96
82) Chrysene	21.81	228	885816	31.417	nq	98
83) Bis(2-ethylhexyl)phthalate	21.62	149	533024	31.806	nq	99
84) Di-n-octyl phthalate	22.85	149	896720	32.875	nq	# 95
85) Indeno(1,2,3-cd)pyrene	28.85	276	962099	28.068	nq	98
87) Benzo(b)fluoranthene	24.01	252	910742	30.638	nq	98
88) Benzo(k)fluoranthene	24.08	252	886485	30.087	nq	99
89) Benzo(a)pyrene	24.91	252	867744	30.728	nq	98
90) Dibenzo(a,h)anthracene	28.89	278	816668	28.294	nq	98
91) Benzo(g,h,i)perylene	30.03	276	791394	28.250	nq	99

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

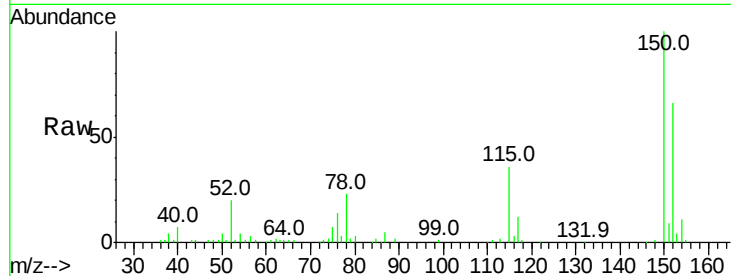


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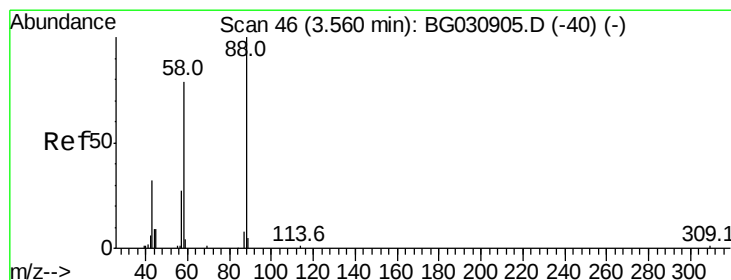
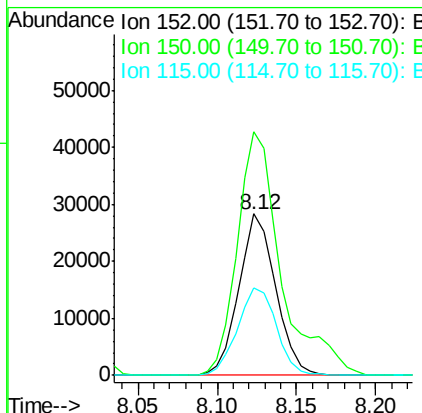
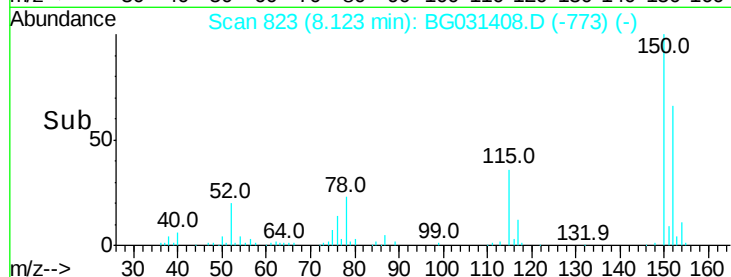
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 823
Delta R.T. -0.01 min
Lab File: BG031408.D
Acq: 7 Dec 2017 21:03

Instrument :
BNA_G
ClientSampleId :
SOIL-SB006BMSD

Tot Ion:152 Resp: 45684
Ion Ratio Lower Upper
152 100
150 151.1 126.6 189.8
115 54.1 53.0 79.4



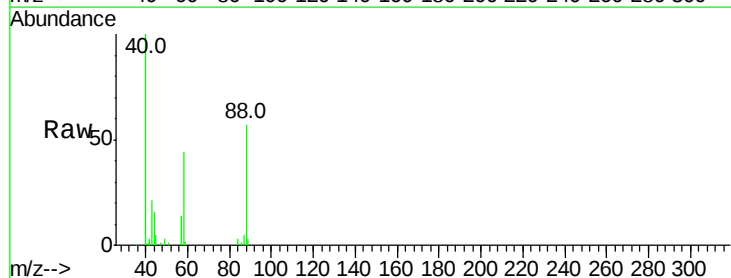
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



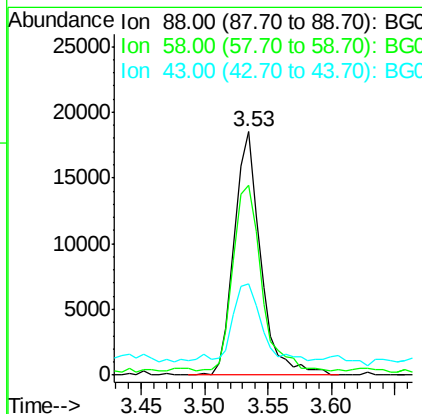
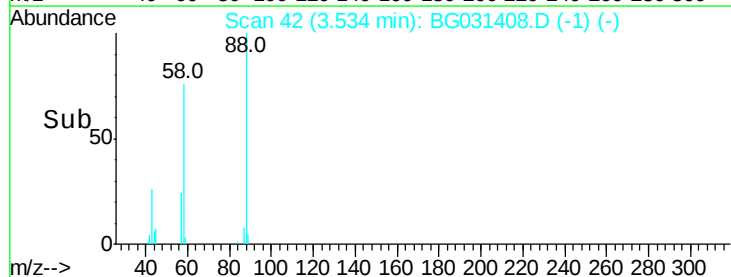
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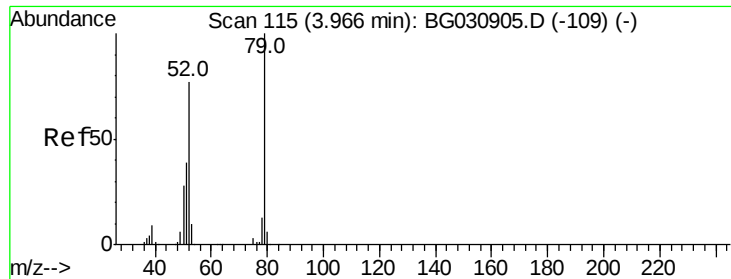
1,4-Dioxane
Concen: 24.720 ng
RT: 3.53 min Scan# 42
Delta R.T. -0.01 min
Lab File: BG031408.D
Acq: 7 Dec 2017 21:03

Tgt Ion: 88 Resp: 26726
Ion Ratio Lower Upper
88 100
58 82.9 79.6 119.4
43 36.0 27.4 41.0



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





#3

Pvridine

Concen: 24.328 ng

RT: 3.94 min Scan# 111

Delta R.T. -0.01 min

Lab File: BG031408.D

Acq: 7 Dec 2017 21:03

Instrument :

BNA_G

ClientSampleId :

SOIL-SB006BMSD

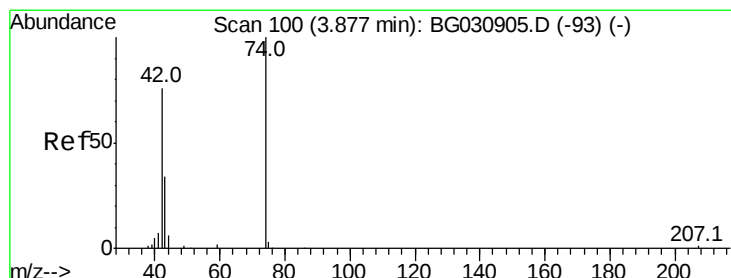
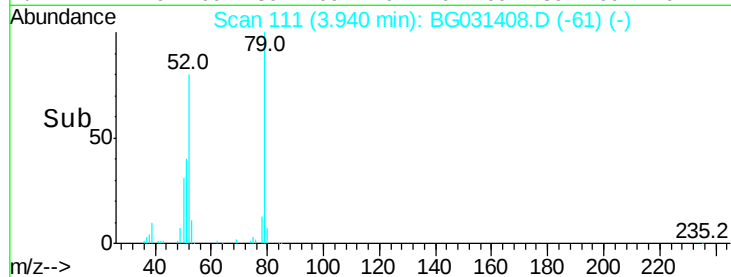
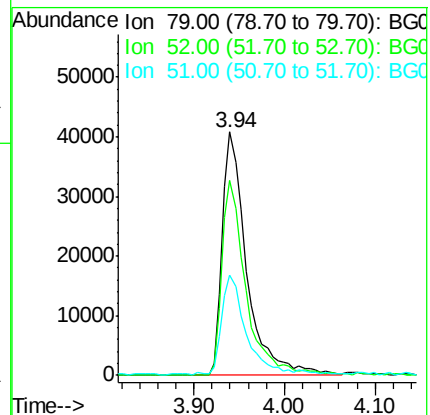
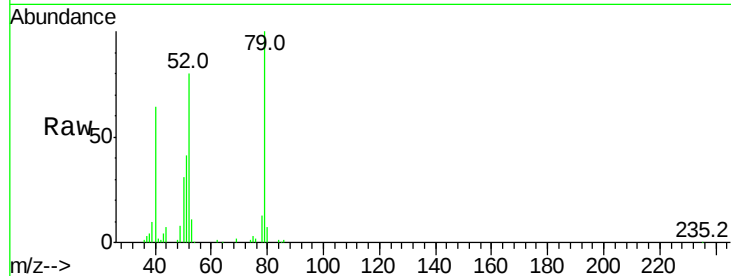
Tot Ion: 79 Resp: 76357

Ion Ratio Lower Upper

79 100

52 79.9 69.9 104.9

51 41.0 34.0 51.0



#4

n-Nitrosodimethylamine

Concen: 30.339 ng

RT: 3.86 min Scan# 97

Delta R.T. -0.01 min

Lab File: BG031408.D

Acq: 7 Dec 2017 21:03

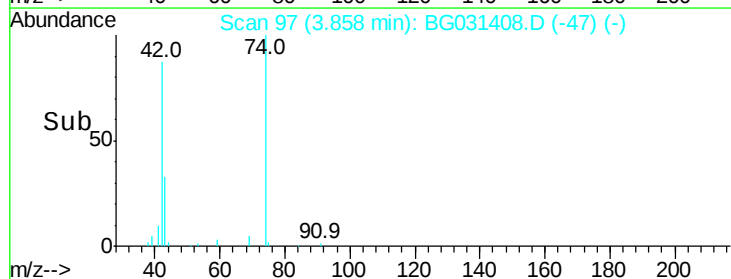
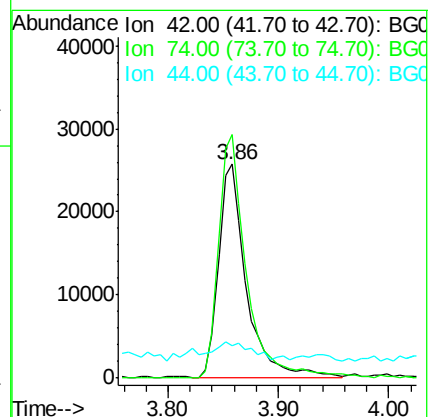
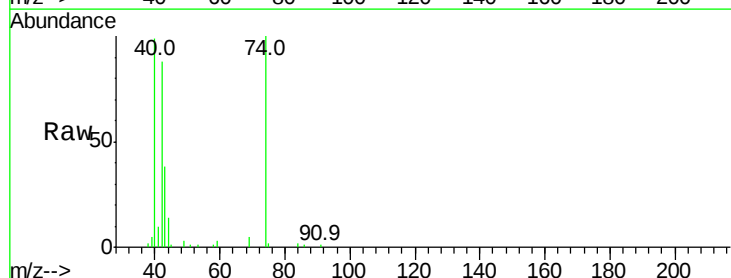
Tgt Ion: 42 Resp: 45131

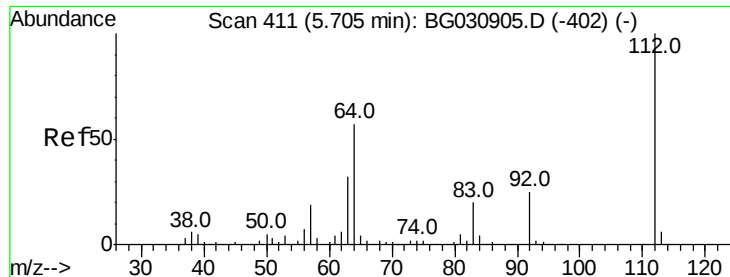
Ion Ratio Lower Upper

42 100

74 113.8 102.5 153.7

44 15.4 18.9 28.3#





#5

2-Fluorophenol

Concen: 109.980 ng

RT: 5.68 min Scan# 408

Delta R.T. 0.00 min

Lab File: BG031408.D

Acq: 7 Dec 2017 21:03

Instrument :

BNA_G

ClientSampleId :

SOIL-SB006BMSD

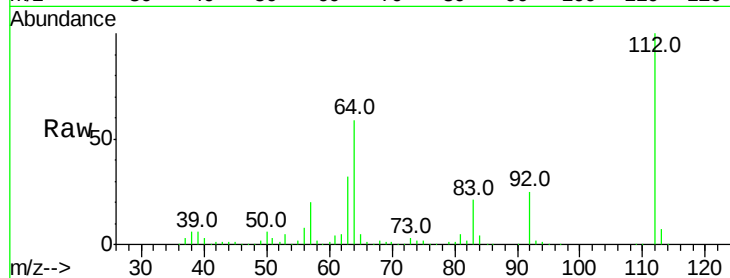
Tot Ion:112 Resp: 293006

Ion Ratio Lower Upper

112 100

64 59.4 56.3 84.5

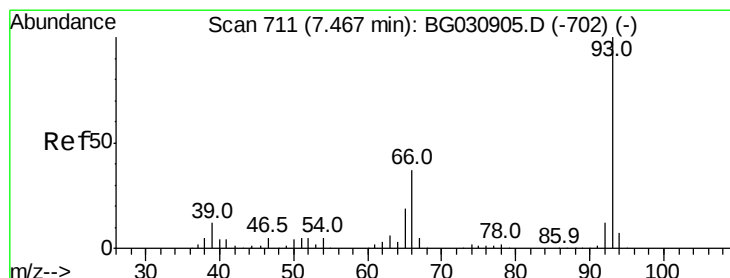
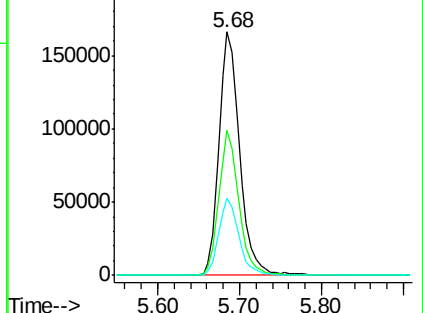
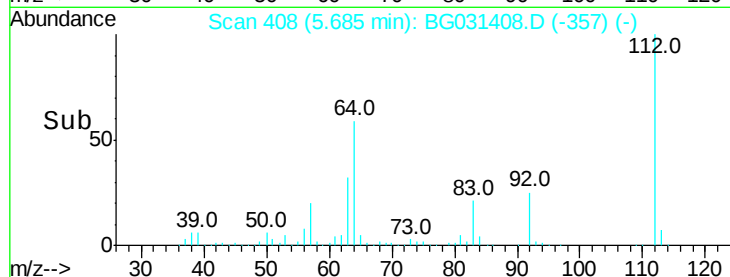
63 31.8 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 24.897 ng

RT: 7.45 min Scan# 708

Delta R.T. 0.00 min

Lab File: BG031408.D

Acq: 7 Dec 2017 21:03

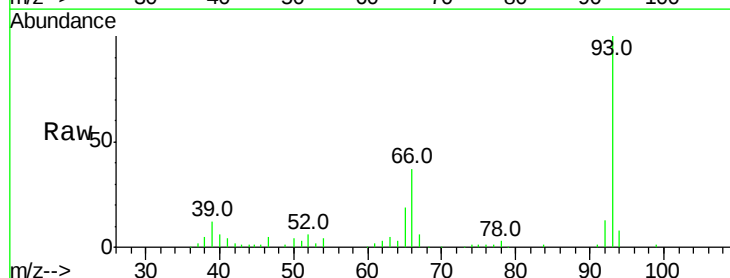
Tgt Ion: 93 Resp: 117604

Ion Ratio Lower Upper

93 100

66 36.6 33.7 50.5

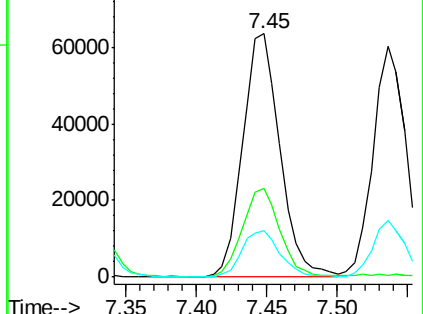
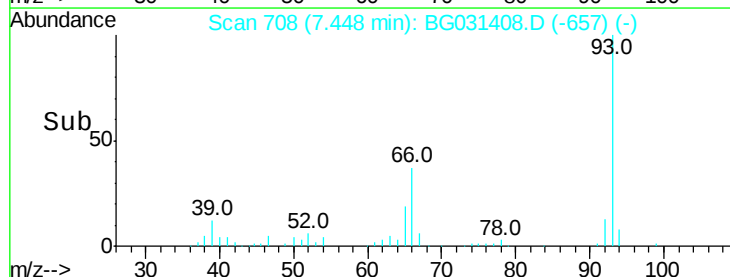
65 18.9 16.1 24.1

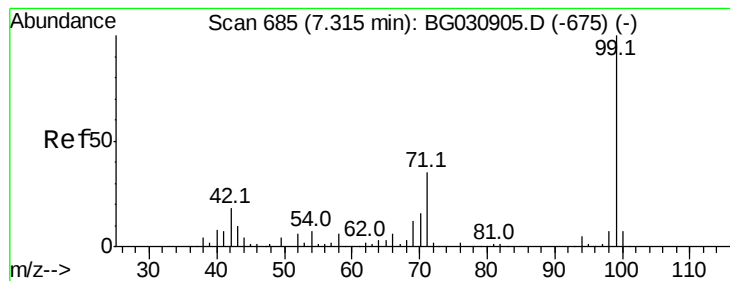


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 114.887 ng

RT: 7.29 min Scan# 682

Delta R.T. 0.00 min

Lab File: BG031408.D

Acq: 7 Dec 2017 21:03

Instrument :

BNA_G

ClientSampleId :

SOIL-SB006BMSD

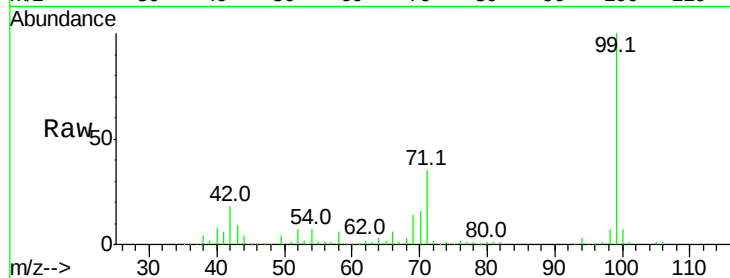
Tot Ion: 99 Resp: 412353

Ion Ratio Lower Upper

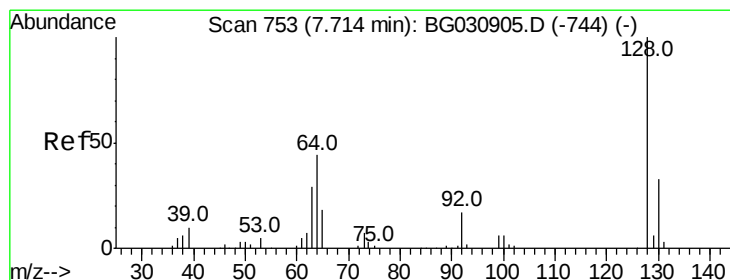
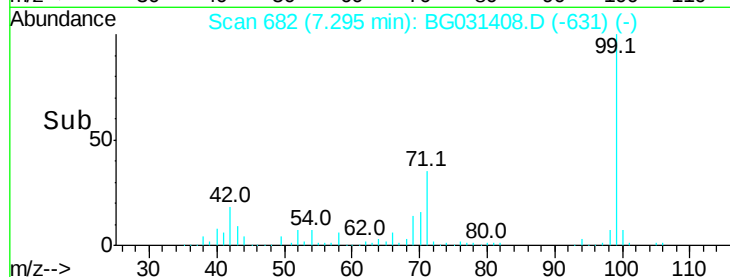
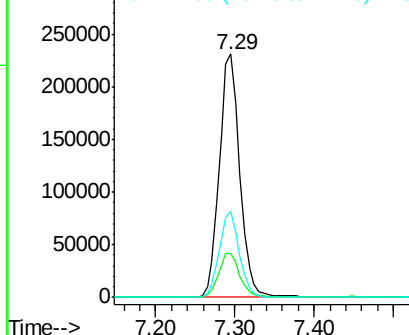
99 100

42 18.2 14.1 21.1

71 35.3 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: 36.568 ng

RT: 7.69 min Scan# 750

Delta R.T. 0.00 min

Lab File: BG031408.D

Acq: 7 Dec 2017 21:03

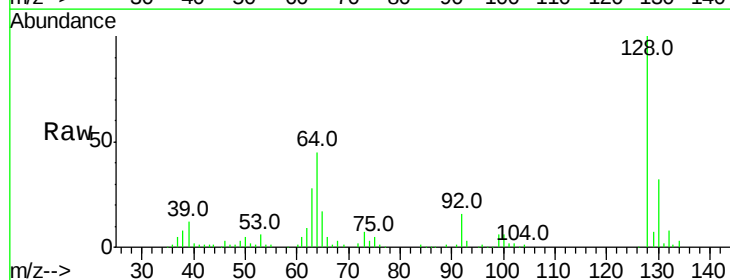
Tgt Ion: 128 Resp: 107513

Ion Ratio Lower Upper

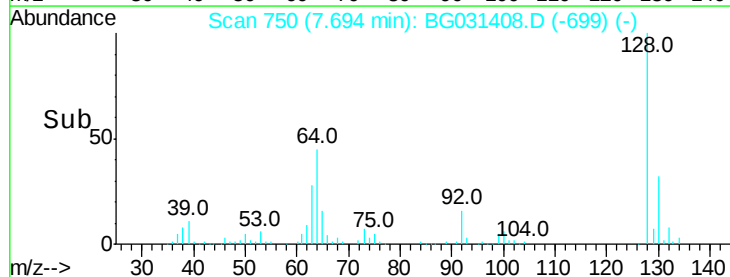
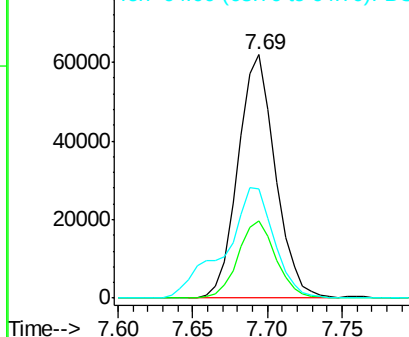
128 100

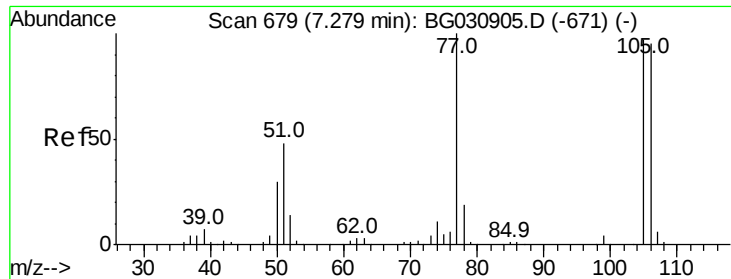
130 31.9 14.0 54.0

64 44.9 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: 14.335 ng

RT: 7.27 min Scan# 677

Delta R.T. 0.00 min

Lab File: BG031408.D

Acq: 7 Dec 2017 21:03

Instrument :

BNA_G

ClientSampleId :

SOIL-SB006BMSD

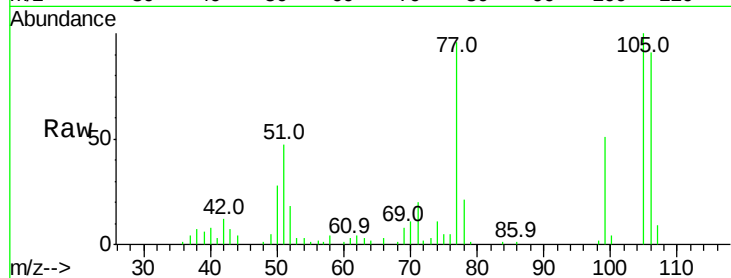
Tot Ion: 77 Resp: 36004

Ion Ratio Lower Upper

77 100

105 103.9 71.3 111.3

106 94.5 64.2 104.2

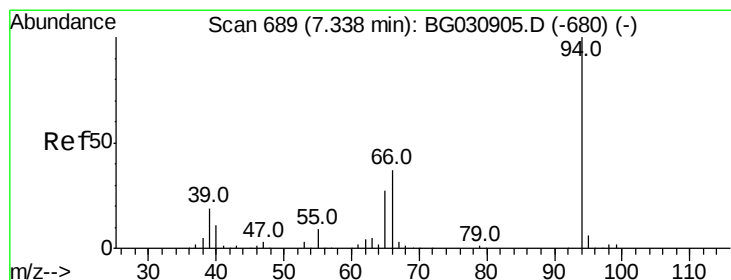
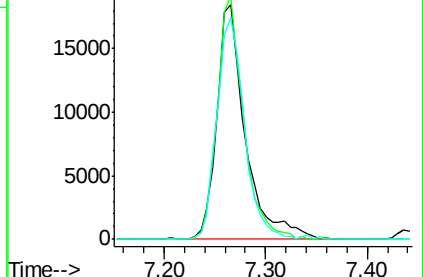
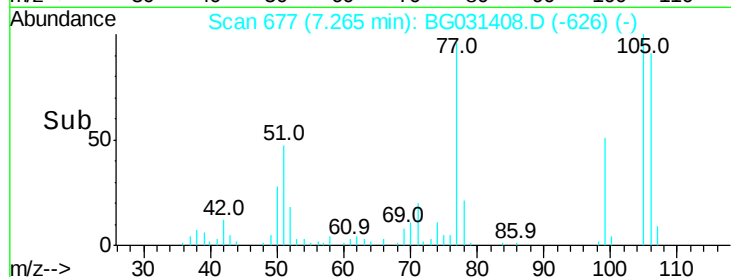


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC

7.27



#10

Phenol

Concen: 42.749 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG031408.D

Acq: 7 Dec 2017 21:03

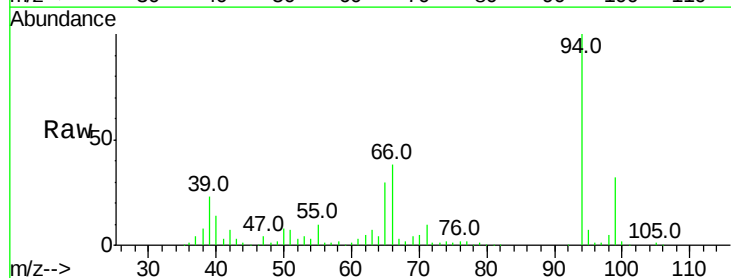
Tgt Ion: 94 Resp: 159341

Ion Ratio Lower Upper

94 100

65 30.5 11.9 51.9

66 37.9 22.2 62.2

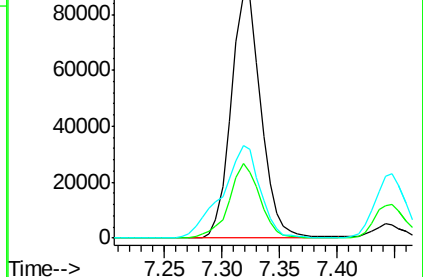
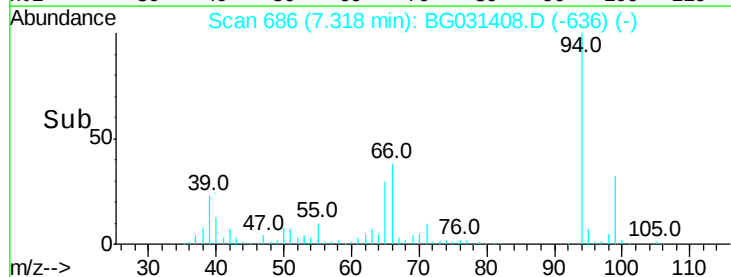


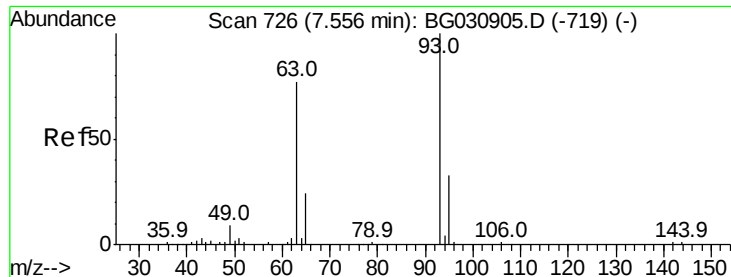
Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

7.32





#11

bis(2-Chloroethyl)ether

Concen: 33.118 ng

RT: 7.54 min Scan# 723

Delta R.T. -0.01 min

Lab File: BG031408.D

Acq: 7 Dec 2017 21:03

Instrument :

BNA_G

ClientSampleId :

SOIL-SB006BMSD

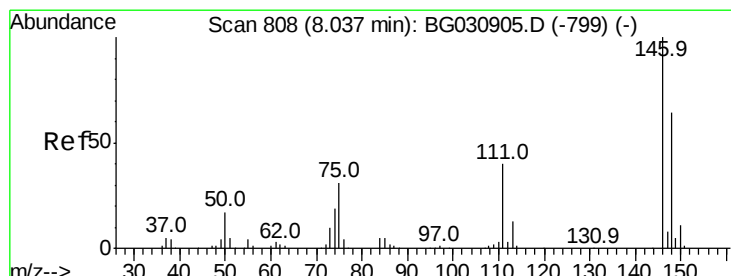
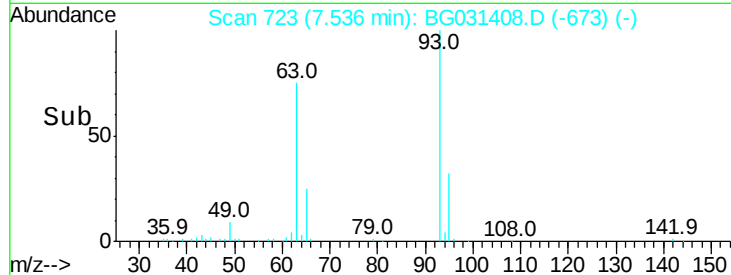
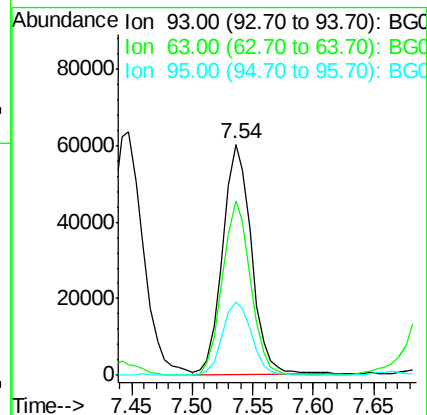
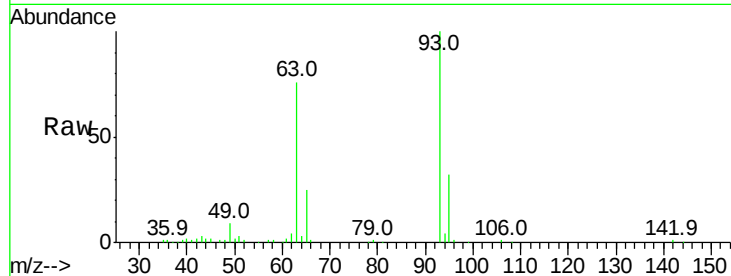
Tot Ion: 93 Resp: 98564

Ion Ratio Lower Upper

93 100

63 75.6 67.1 107.1

95 32.0 11.5 51.5



#12

1,3-Dichlorobenzene

Concen: 31.592 ng

RT: 8.01 min Scan# 804

Delta R.T. -0.01 min

Lab File: BG031408.D

Acq: 7 Dec 2017 21:03

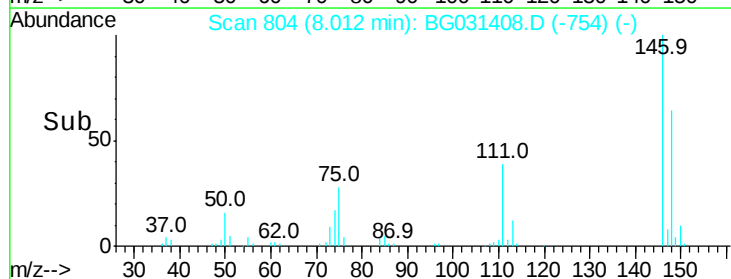
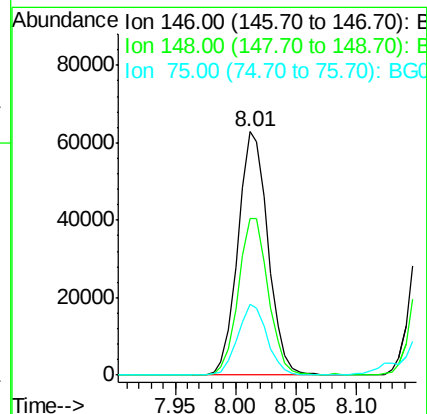
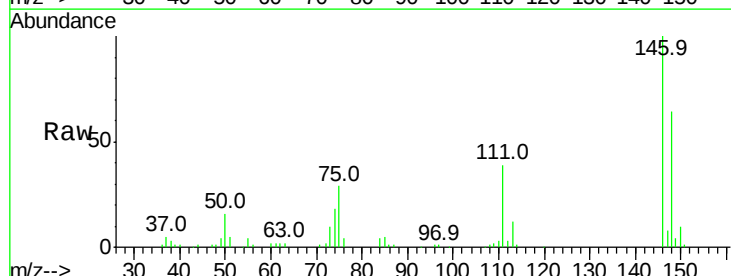
Tgt Ion: 146 Resp: 108976

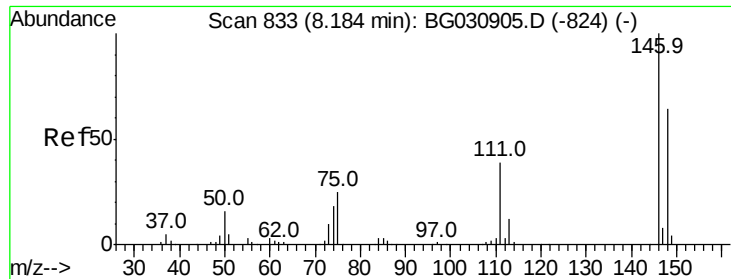
Ion Ratio Lower Upper

146 100

148 64.1 51.4 77.2

75 28.8 26.6 39.8

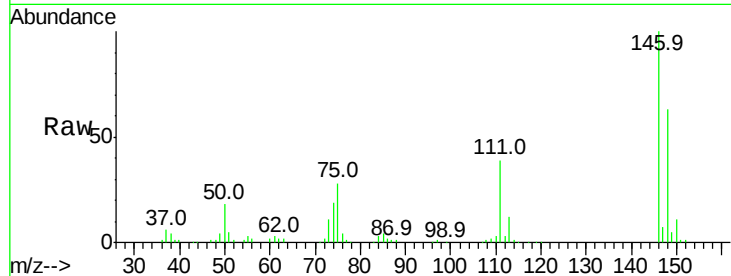




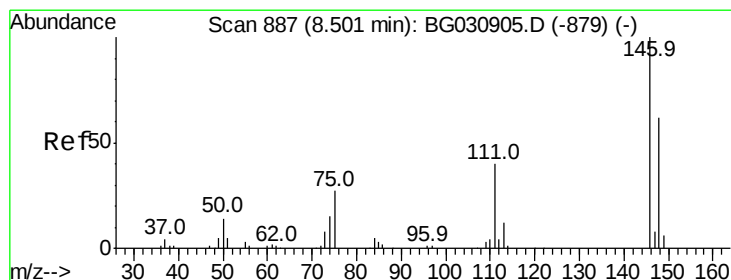
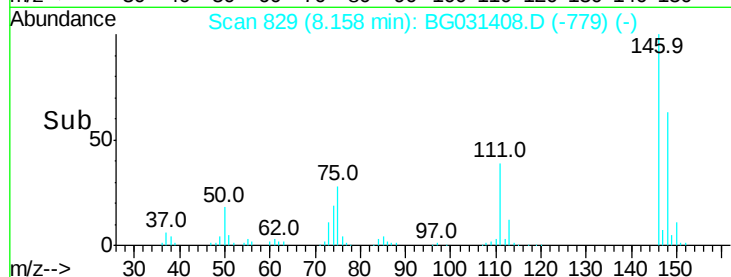
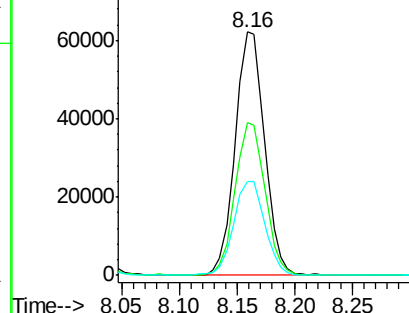
#13
 1,4-Dichlorobenzene
 Concen: 31.347 ng
 RT: 8.16 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BG031408.D
 Acq: 7 Dec 2017 21:03

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-SB006BMSD

Tot Ion:146 Resp: 109574
 Ion Ratio Lower Upper
 146 100
 148 62.9 53.7 80.5
 111 38.8 35.2 52.8

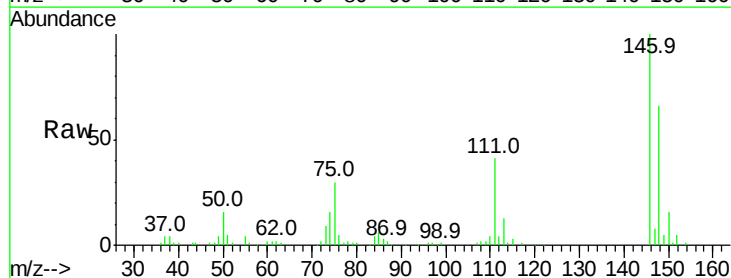


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

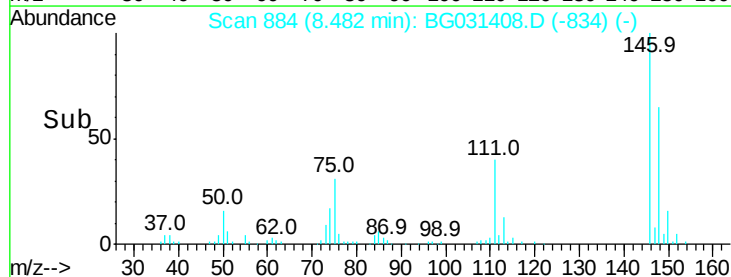
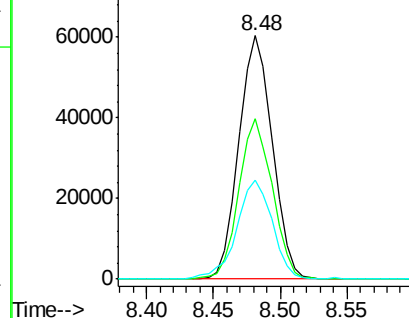


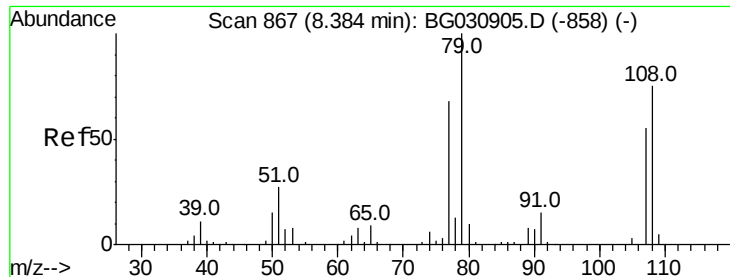
#14
 1,2-Dichlorobenzene
 Concen: 31.369 ng
 RT: 8.48 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BG031408.D
 Acq: 7 Dec 2017 21:03

Tgt Ion:146 Resp: 105242
 Ion Ratio Lower Upper
 146 100
 148 66.0 49.3 73.9
 111 40.6 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: 32.795 ng

RT: 8.36 min Scan# 864

Delta R.T. -0.01 min

Lab File: BG031408.D

Acq: 7 Dec 2017 21:03

Instrument :

BNA_G

ClientSampleId :

SOIL-SB006BMSD

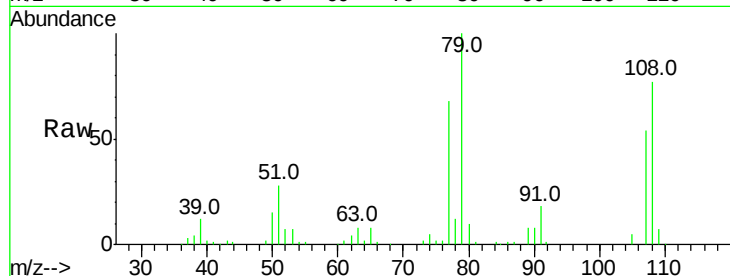
Tot Ion: 79 Resp: 94418

Ion Ratio Lower Upper

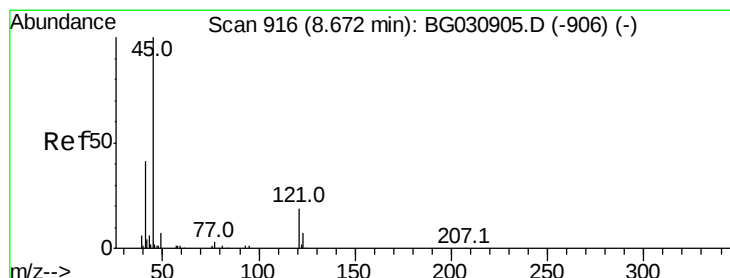
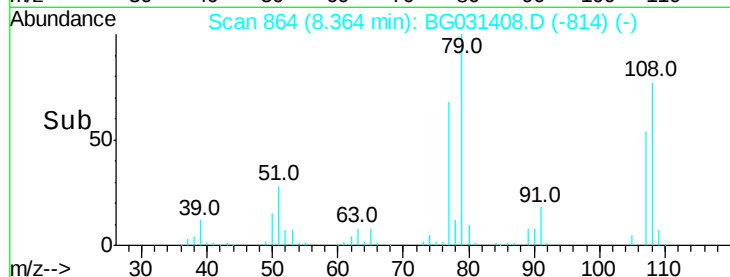
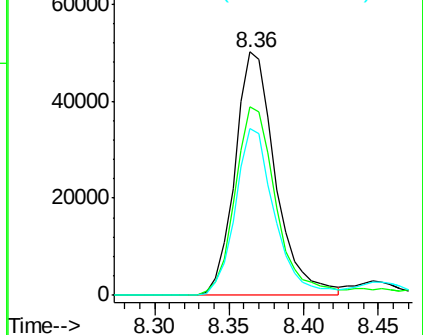
79 100

108 77.5 57.2 85.8

77 68.3 46.1 69.1



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.914 ng

RT: 8.65 min Scan# 912

Delta R.T. -0.01 min

Lab File: BG031408.D

Acq: 7 Dec 2017 21:03

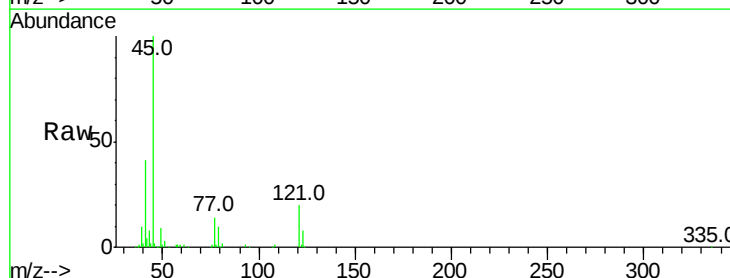
Tgt Ion: 45 Resp: 150934

Ion Ratio Lower Upper

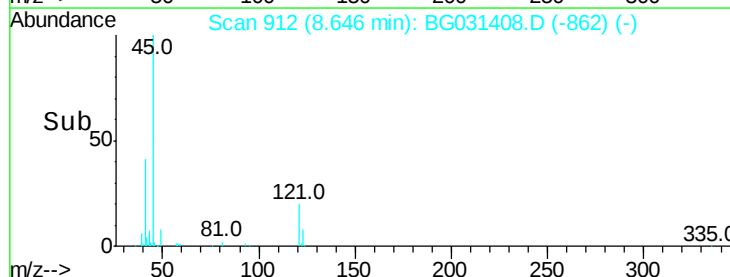
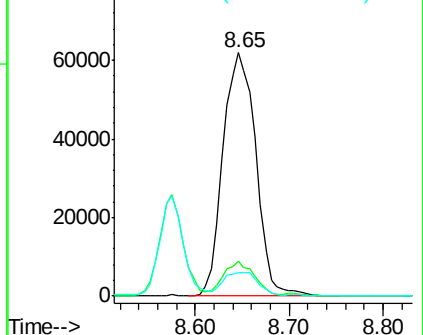
45 100

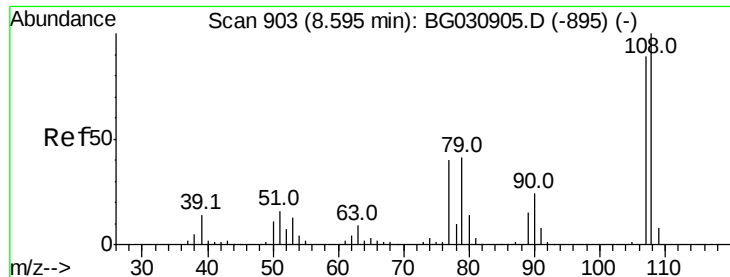
77 14.3 0.0 30.2

79 9.7 0.0 27.9



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

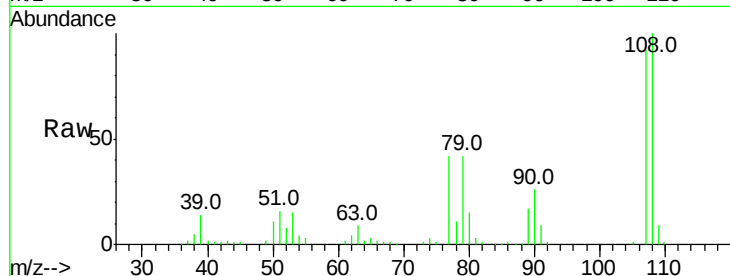




#17
2-Methylphenol
Concen: 37.316 ng
RT: 8.58 min Scan# 900
Delta R.T. 0.00 min
Lab File: BG031408.D
Acq: 7 Dec 2017 21:03

Instrument :
BNA_G
ClientSampleId :
SOIL-SB006BMSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	108.9	83.9	125.9
77	46.2	37.2	55.8
79	45.7	36.2	54.2



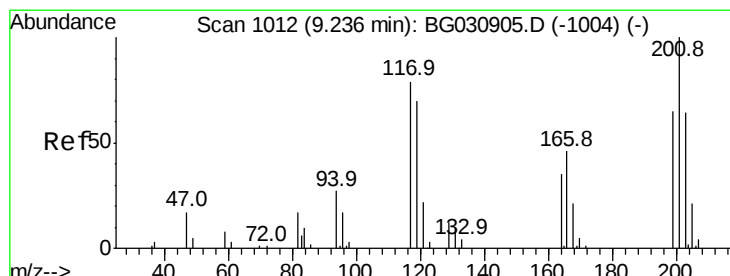
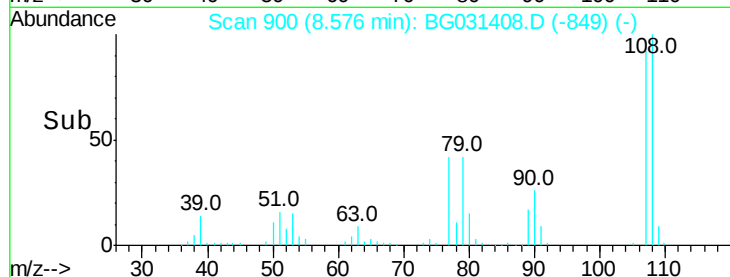
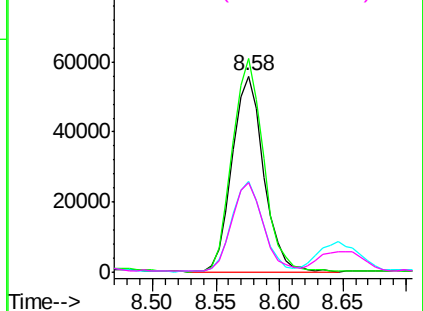
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

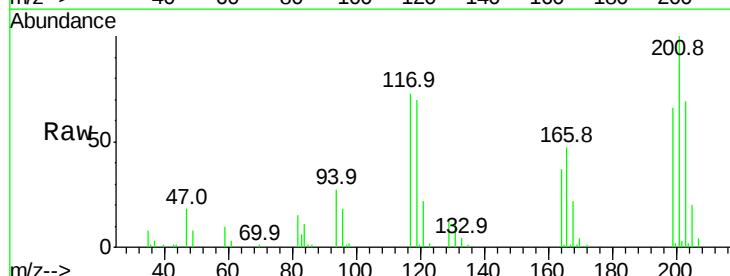
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 31.257 ng
RT: 9.21 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BG031408.D
Acq: 7 Dec 2017 21:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.3	76.7	115.1
201	136.7	95.7	143.5

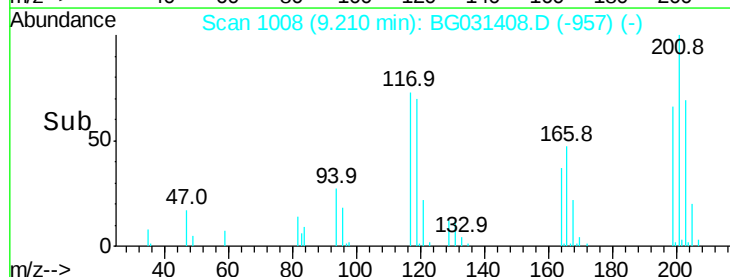
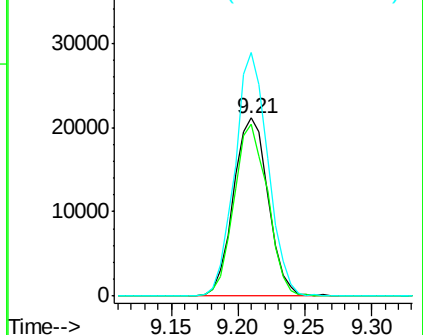


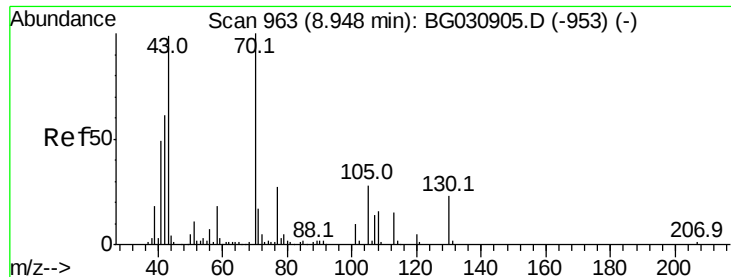
Abundance

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: 31.306 ng

RT: 8.92 min Scan# 959

Delta R.T. -0.01 min

Lab File: BG031408.D

Acq: 7 Dec 2017 21:03

Instrument :

BNA_G

ClientSampleId :

SOIL-SB006BMSD

Tot Ion: 70 Resp: 85434

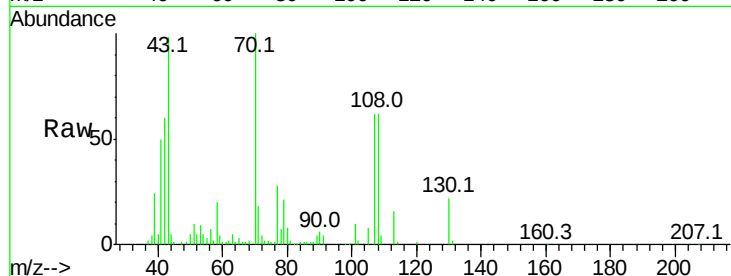
Ion Ratio Lower Upper

70 100

42 60.2 49.1 73.7

101 10.4 8.5 12.7

130 22.2 13.4 20.0#

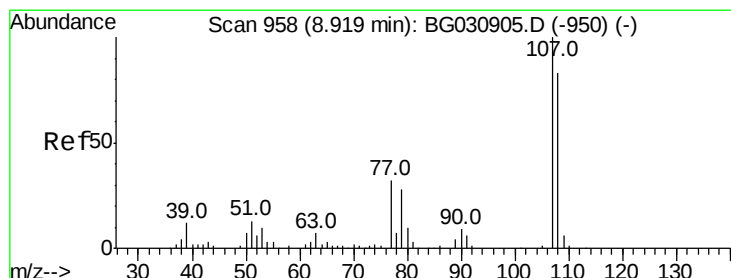
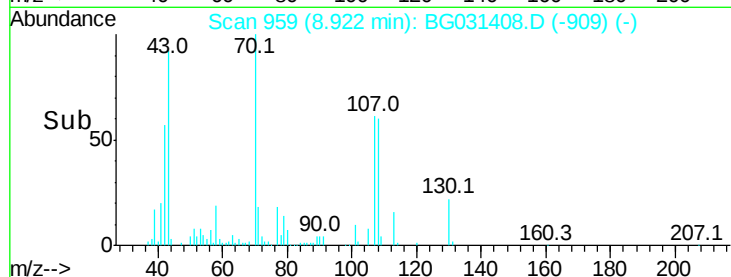
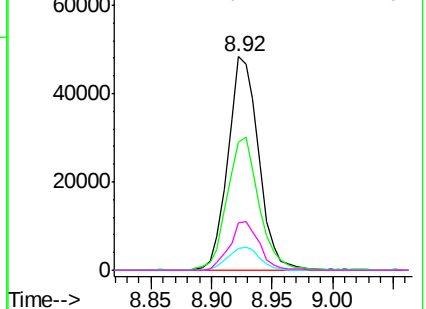


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 36.629 ng

RT: 8.90 min Scan# 956

Delta R.T. 0.00 min

Lab File: BG031408.D

Acq: 7 Dec 2017 21:03

Tgt Ion:107 Resp: 135193

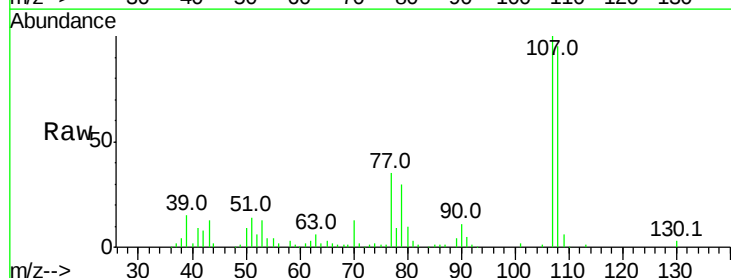
Ion Ratio Lower Upper

107 100

108 95.2 61.6 101.6

77 35.3 13.9 53.9

79 30.3 8.8 48.8

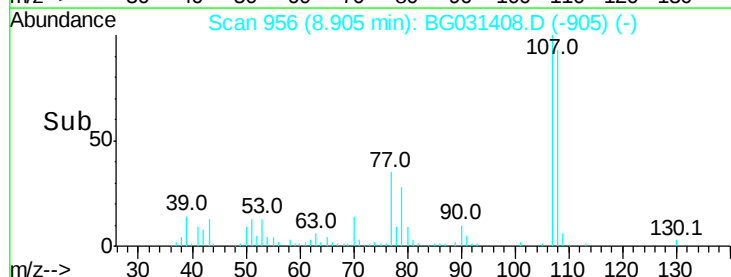
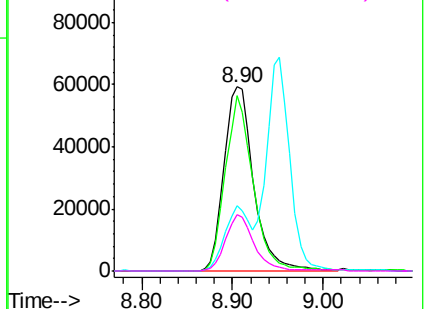


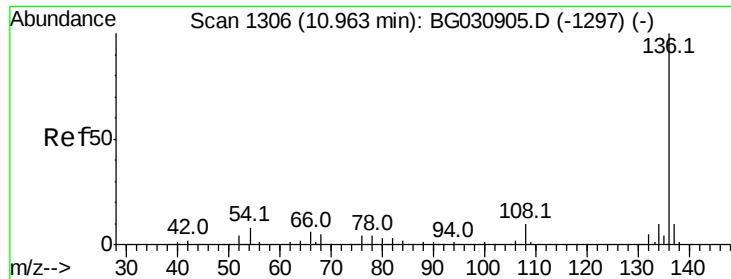
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

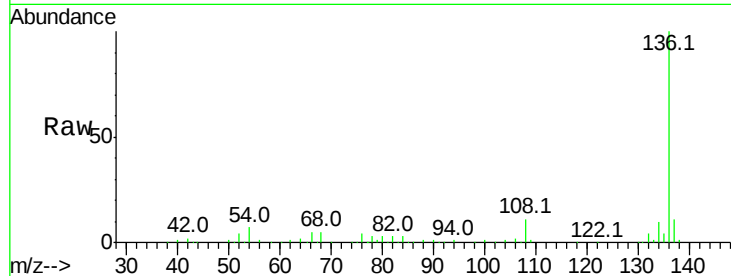




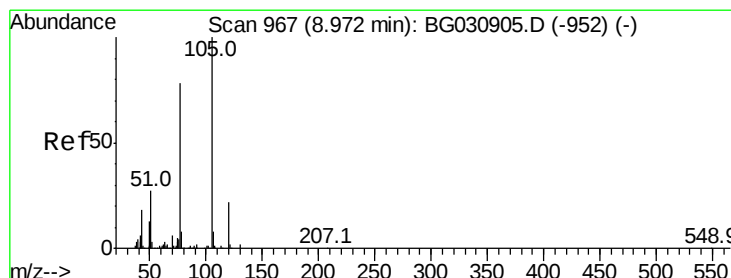
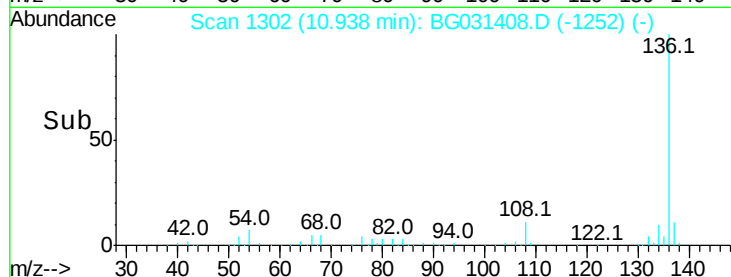
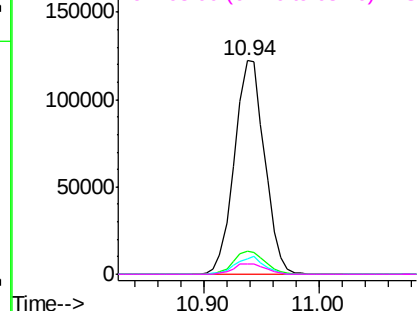
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BG031408.D
Acq: 7 Dec 2017 21:03

Instrument :
BNA_G
ClientSampleId :
SOIL-SB006BMDS

Tot Ion:136	Resp:	221046
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.2 13.8
54	7.3	10.3 15.5#
68	4.9	4.5 6.7

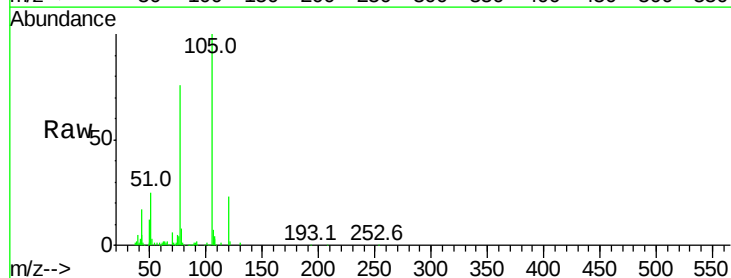


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

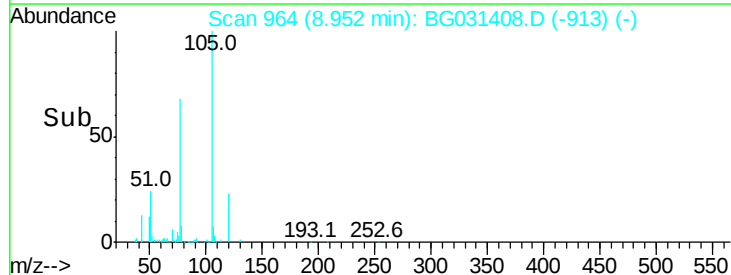
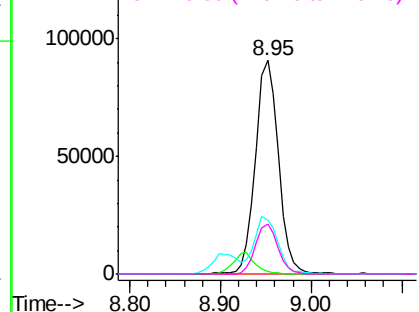


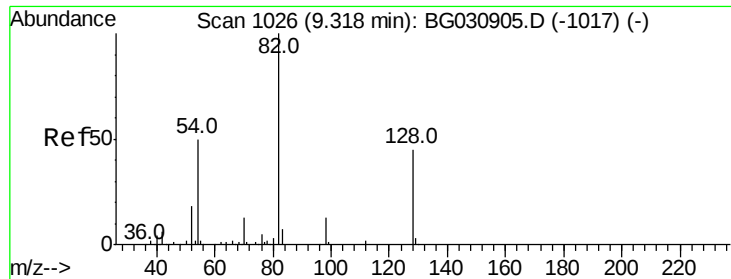
#22
Acetophenone
Concen: 29.154 ng
RT: 8.95 min Scan# 964
Delta R.T. 0.00 min
Lab File: BG031408.D
Acq: 7 Dec 2017 21:03

Tgt Ion:105	Resp:	160456
Ion Ratio	Lower	Upper
105	100	
71	1.0	3.0 4.4#
51	25.5	26.1 39.1#
120	23.4	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

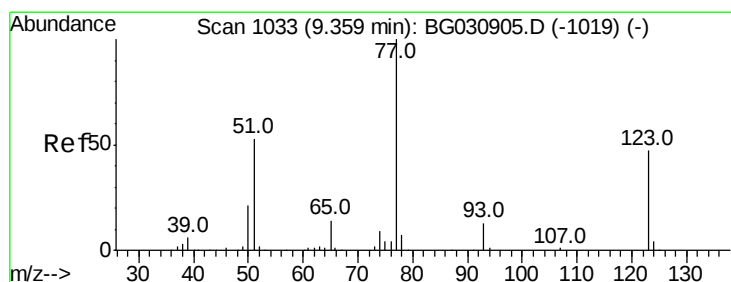
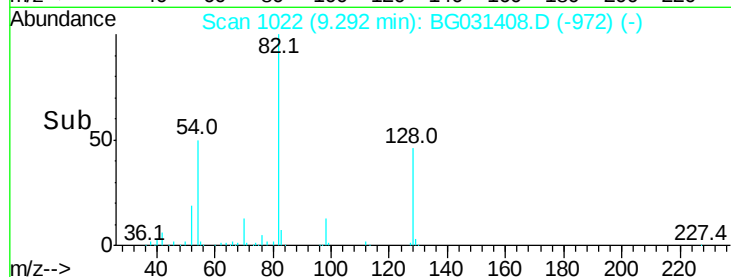
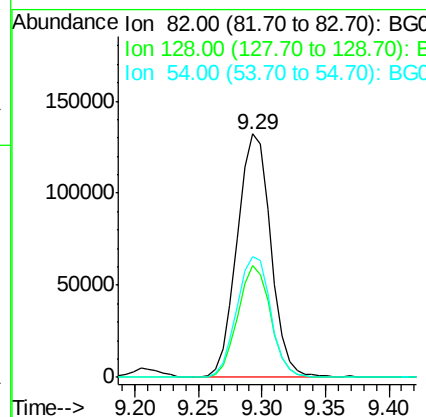
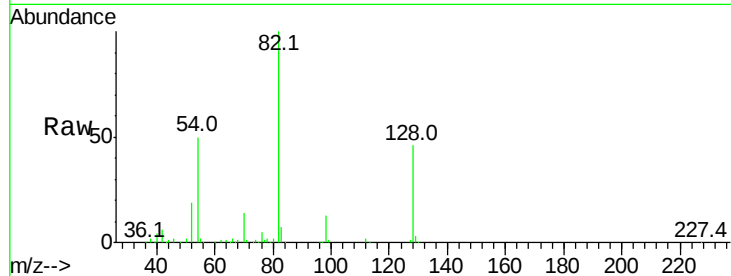




#23
Nitrobenzene-d5
Concen: 65.284 ng
RT: 9.29 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BG031408.D
Acq: 7 Dec 2017 21:03

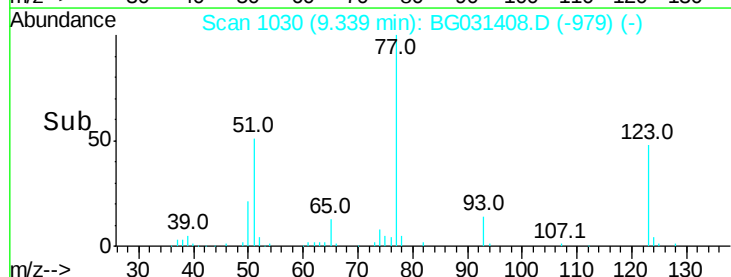
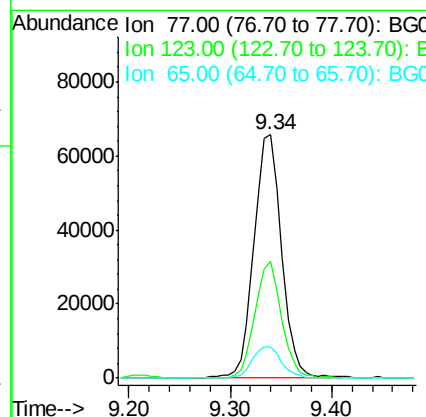
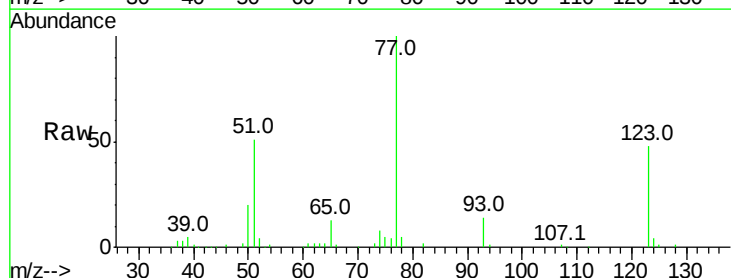
Instrument :
BNA_G
ClientSampleId :
SOIL-SB006BMDS

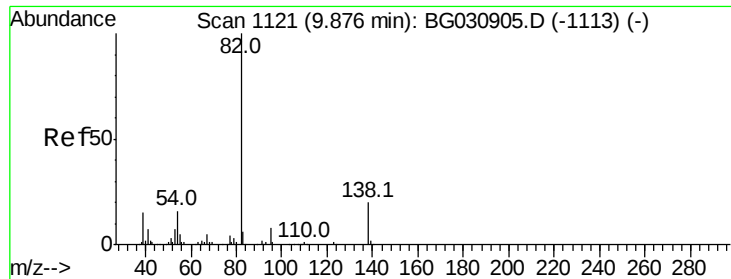
Tot Ion: 82 Resp: 243533
Ion Ratio Lower Upper
82 100
128 45.8 29.7 44.5#
54 49.5 43.1 64.7



#24
Nitrobenzene
Concen: 32.663 ng
RT: 9.34 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BG031408.D
Acq: 7 Dec 2017 21:03

Tgt Ion: 77 Resp: 124465
Ion Ratio Lower Upper
77 100
123 48.2 33.0 49.6
65 13.0 13.0 19.6#





#25

Isophorone

Concen: 34.637 ng

RT: 9.86 min Scan# 1118

Delta R.T. -0.01 min

Lab File: BG031408.D

Acq: 7 Dec 2017 21:03

Instrument :

BNA_G

ClientSampleId :

SOIL-SB006BMDS

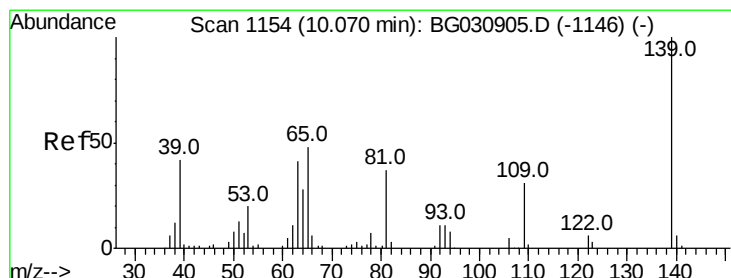
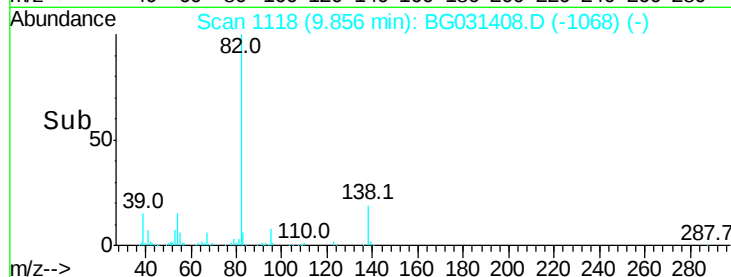
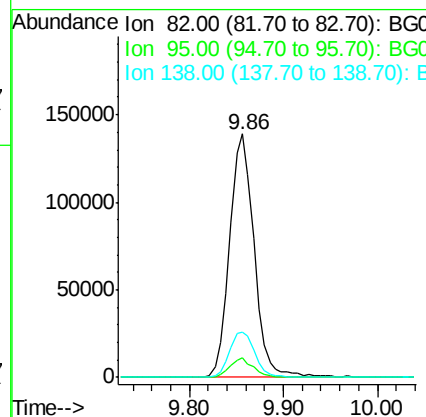
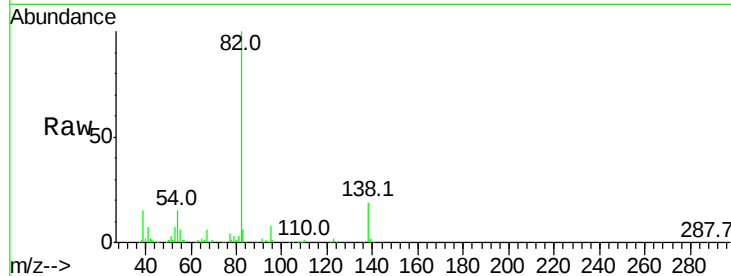
Tot Ion: 82 Resp: 251993

Ion Ratio Lower Upper

82 100

95 7.9 6.2 9.2

138 18.6 12.1 18.1#



#26

2-Nitrophenol

Concen: 33.683 ng

RT: 10.05 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BG031408.D

Acq: 7 Dec 2017 21:03

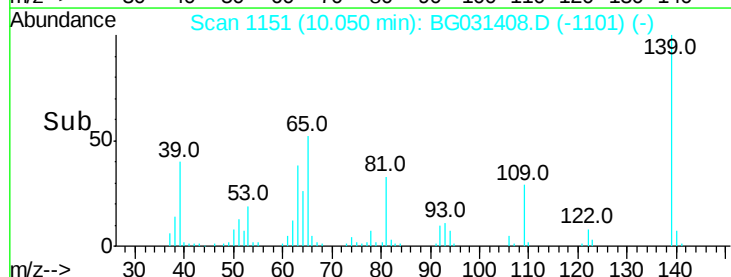
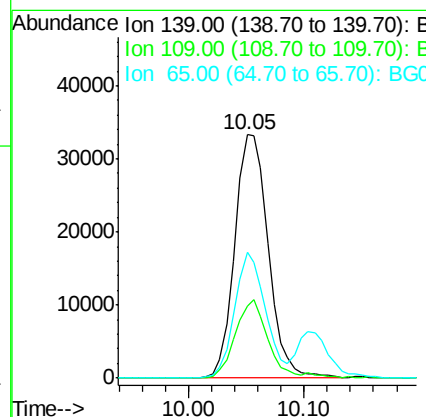
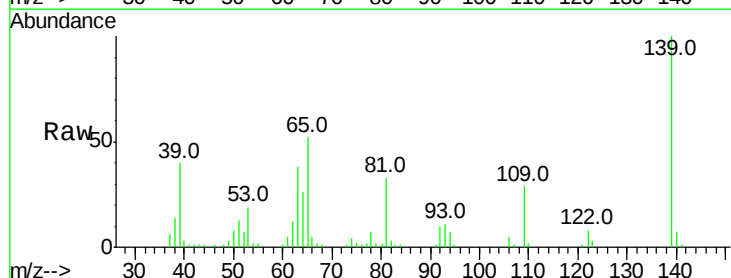
Tgt Ion: 139 Resp: 66902

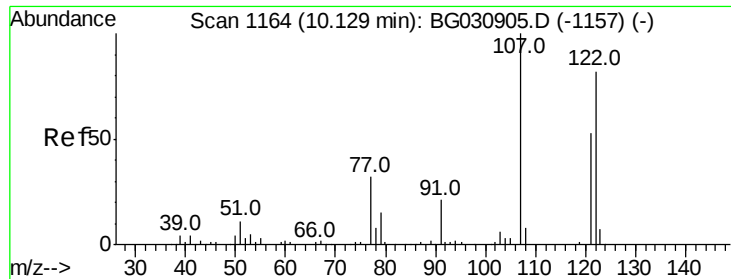
Ion Ratio Lower Upper

139 100

109 29.4 24.2 36.2

65 51.8 47.4 71.0

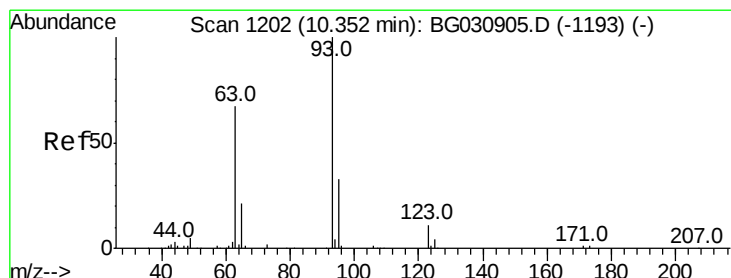
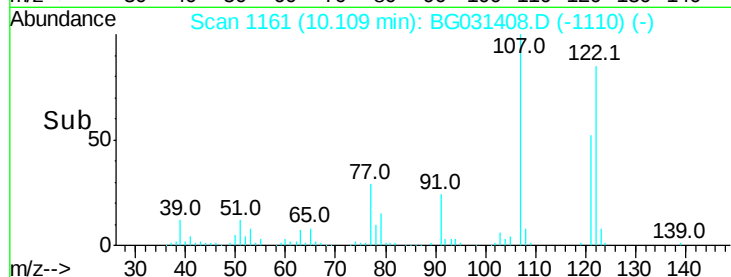
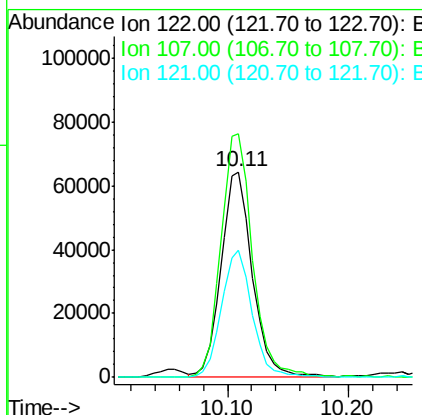
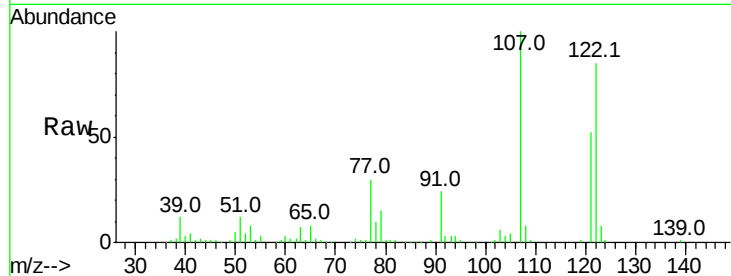




#27
 2,4-Dimethylphenol
 Concen: 38.847 ng
 RT: 10.11 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: BG031408.D
 Acq: 7 Dec 2017 21:03

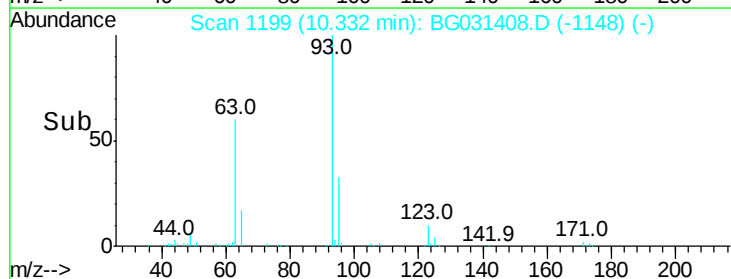
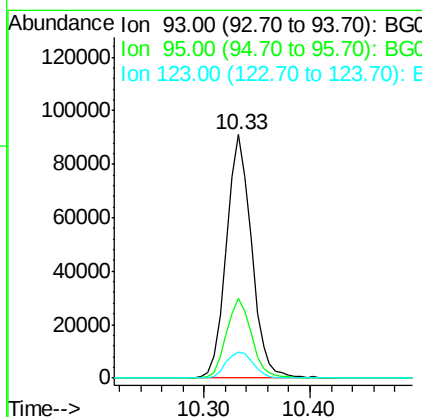
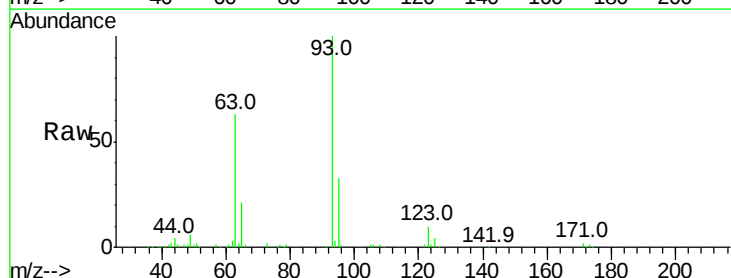
Instrument :
 BNA_G
 ClientSampleId :
 SOIL-SB006BMSD

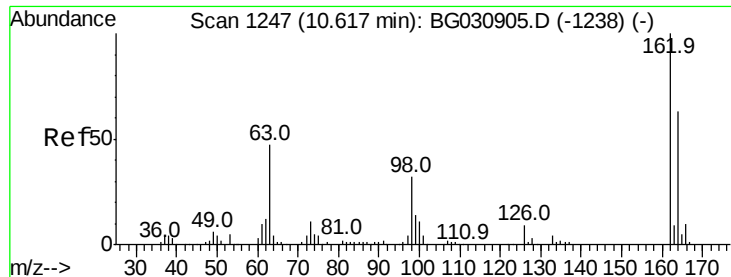
Tot Ion:122 Resp: 114550
 Ion Ratio Lower Upper
 122 100
 107 118.3 100.2 150.2
 121 61.8 44.4 66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 32.722 ng
 RT: 10.33 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BG031408.D
 Acq: 7 Dec 2017 21:03

Tgt Ion: 93 Resp: 149936
 Ion Ratio Lower Upper
 93 100
 95 33.0 24.3 36.5
 123 10.4 8.4 12.6

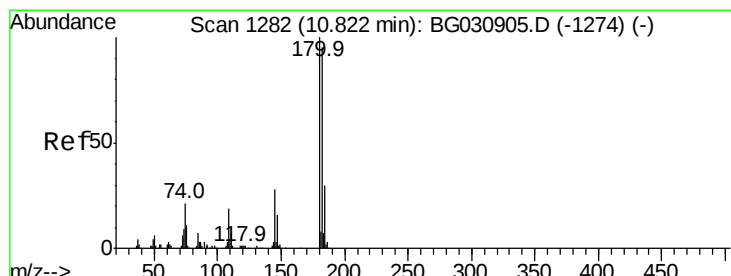
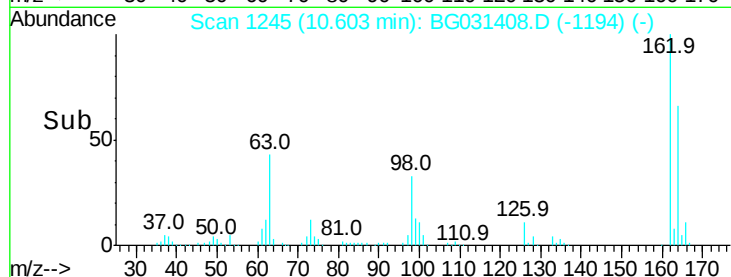
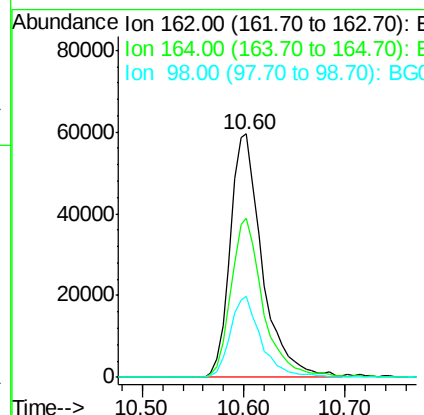
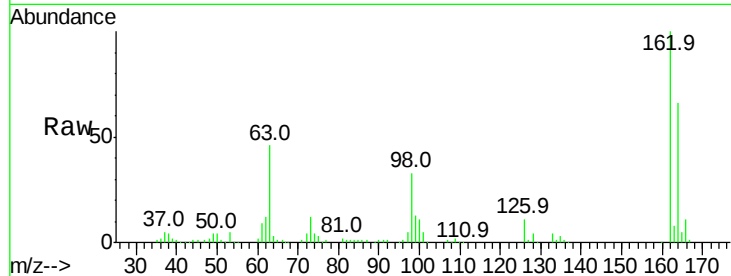




#29
 2,4-Dichlorophenol
 Concen: 36.749 ng
 RT: 10.60 min Scan# 1245
 Delta R.T. 0.00 min
 Lab File: BG031408.D
 Acq: 7 Dec 2017 21:03

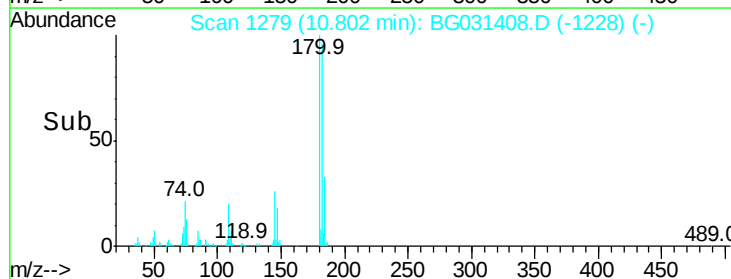
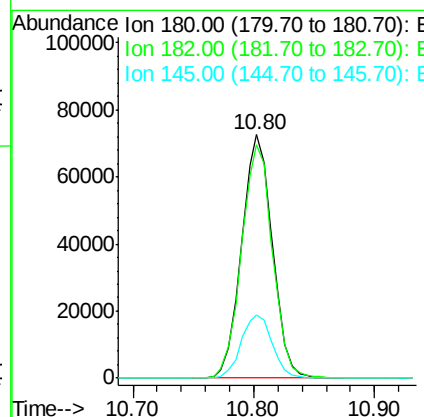
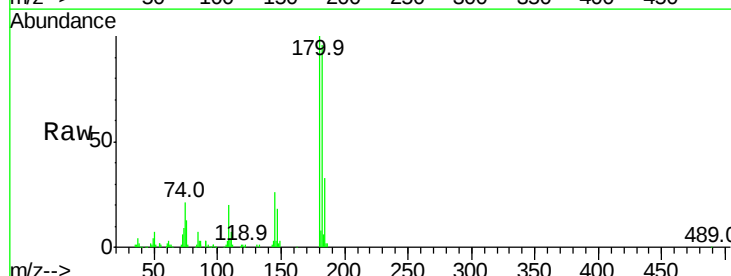
Instrument :
 BNA_G
 ClientSampleId :
 SOIL-SB006BMSD

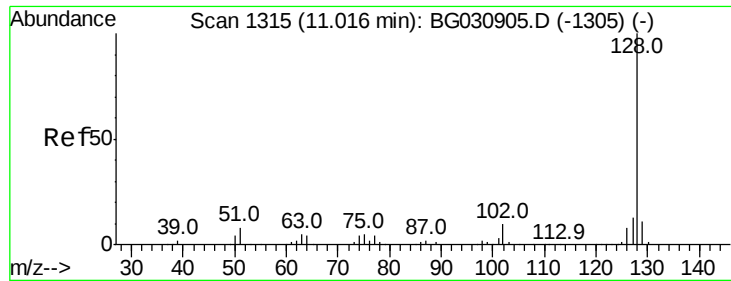
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.5	48.0	88.0
98	33.3	21.1	61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 30.405 ng
 RT: 10.80 min Scan# 1279
 Delta R.T. 0.00 min
 Lab File: BG031408.D
 Acq: 7 Dec 2017 21:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	77.5	116.3
145	25.8	23.4	35.2

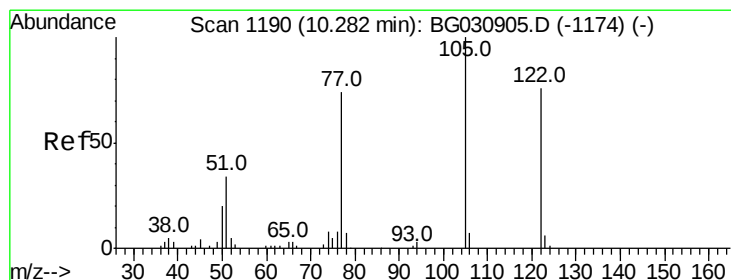
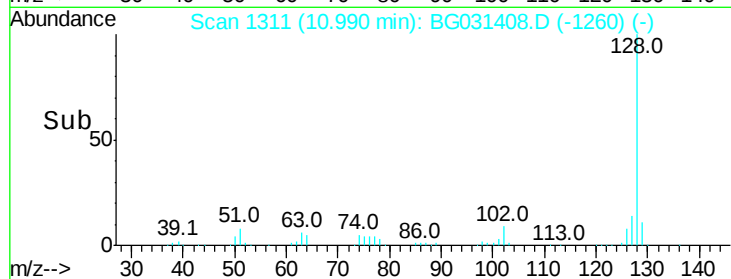
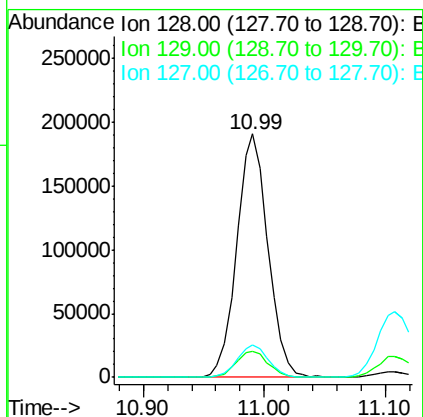
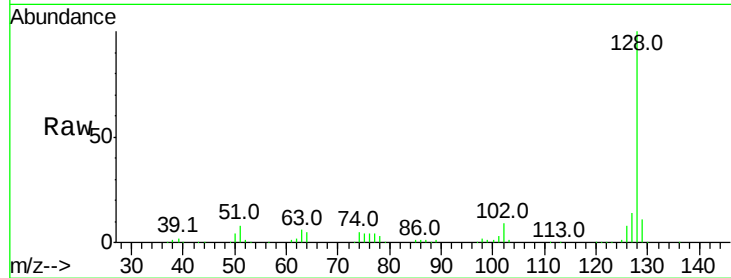




#31
Naphthalene
Concen: 31.451 ng
RT: 10.99 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BG031408.D
Acq: 7 Dec 2017 21:03

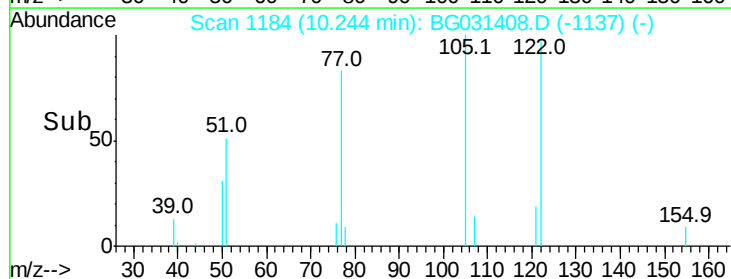
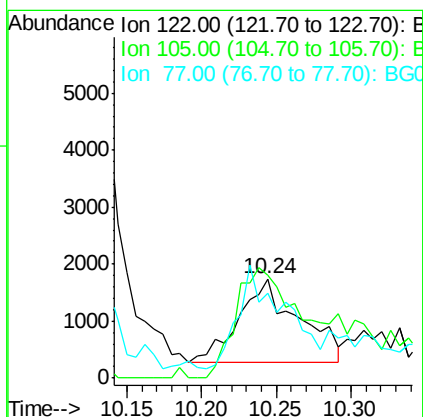
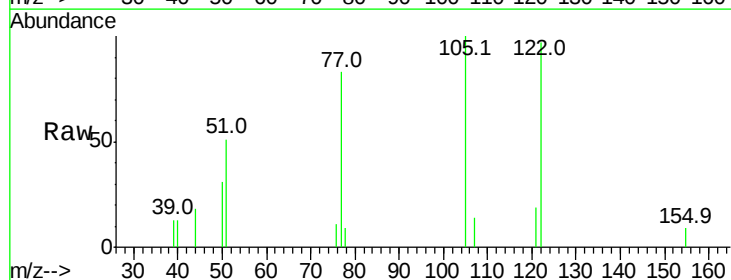
Instrument :
BNA_G
ClientSampleId :
SOIL-SB006BMSD

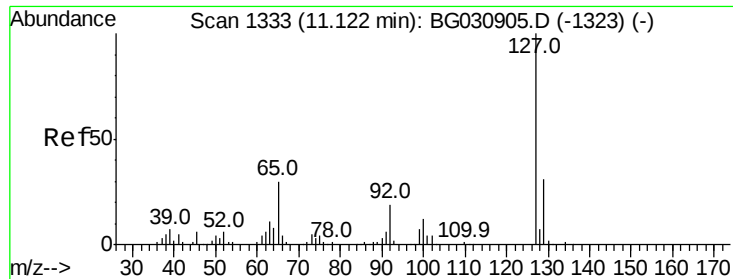
Tot Ion:128 Resp: 341758
Ion Ratio Lower Upper
128 100
129 10.6 8.6 12.8
127 13.5 11.6 17.4



#32
Benzoic acid
Concen: 7.107 ng
RT: 10.24 min Scan# 1184
Delta R.T. -0.02 min
Lab File: BG031408.D
Acq: 7 Dec 2017 21:03

Tgt Ion:122 Resp: 4025
Ion Ratio Lower Upper
122 100
105 102.9 123.5 163.5#
77 85.9 85.7 125.7

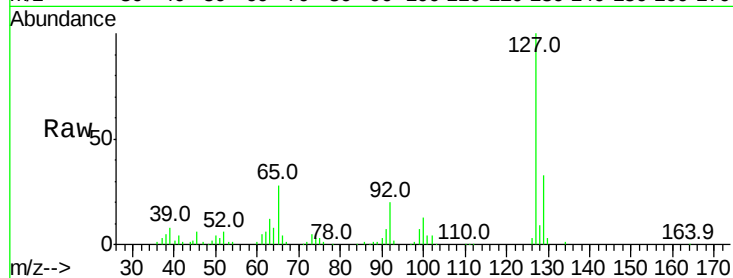




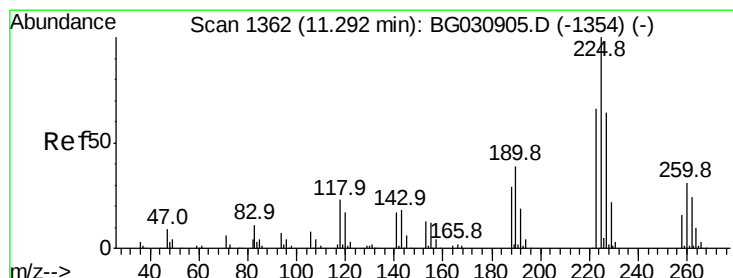
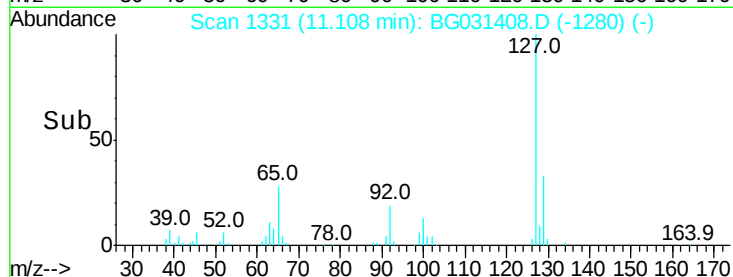
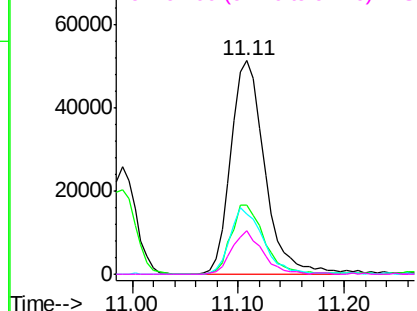
#33
4-Chloroaniline
Concen: 23.929 ng
RT: 11.11 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BG031408.D
Acq: 7 Dec 2017 21:03

Instrument :
BNA_G
ClientSampleId :
SOIL-SB006BMDS

Tot Ion:127 Resp: 113826
Ion Ratio Lower Upper
127 100
129 32.5 24.0 36.0
65 28.4 27.0 40.4
92 20.2 16.6 25.0

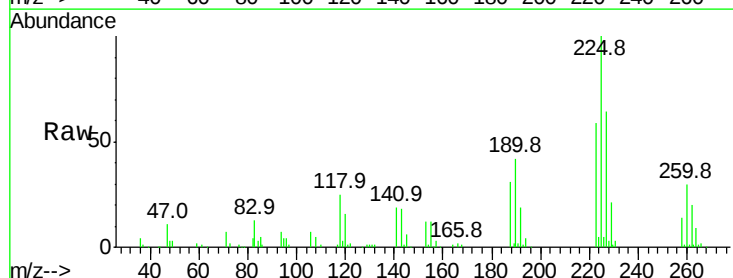


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

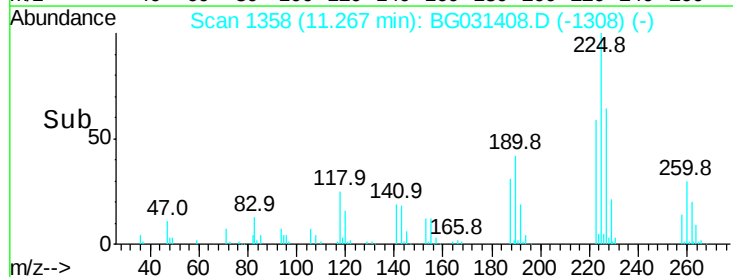
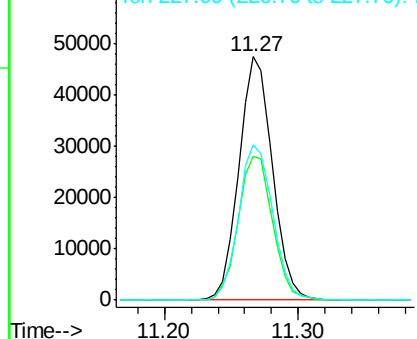


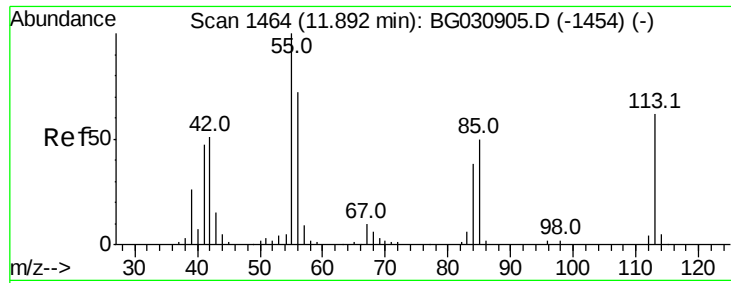
#34
Hexachlorobutadiene
Concen: 28.014 ng
RT: 11.27 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BG031408.D
Acq: 7 Dec 2017 21:03

Tgt Ion:225 Resp: 82131
Ion Ratio Lower Upper
225 100
223 59.3 49.7 74.5
227 64.0 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: 37.507 ng

RT: 11.87 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BG031408.D

Acq: 7 Dec 2017 21:03

Instrument :

BNA_G

ClientSampleId :

SOIL-SB006BMSD

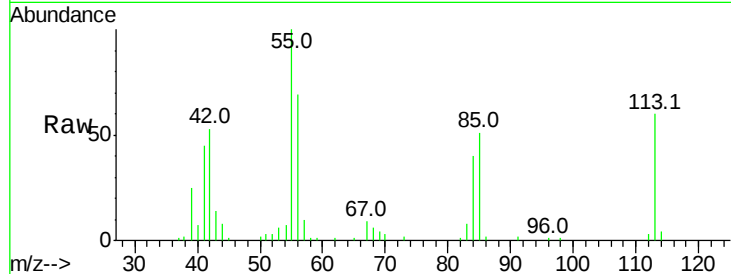
Tot Ion:113 Resp: 54253

Ion Ratio Lower Upper

113 100

55 166.3 186.9 226.9#

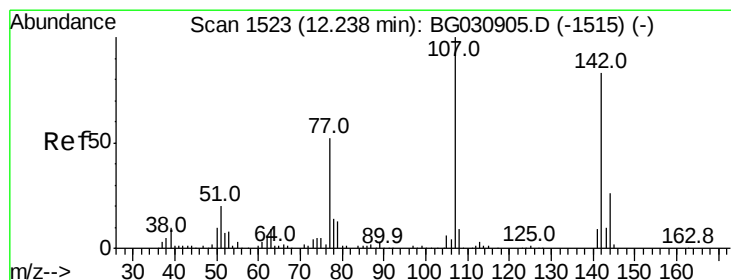
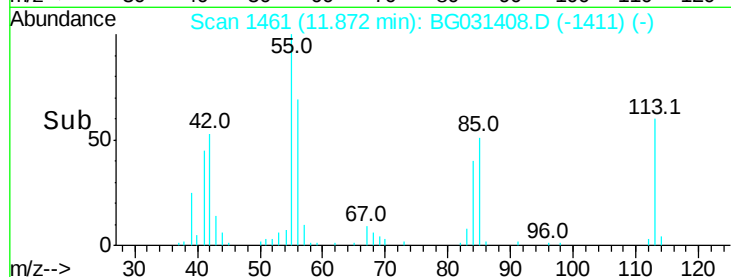
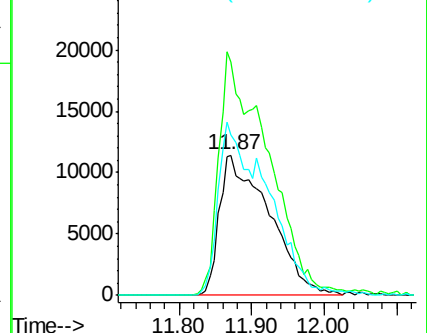
56 114.4 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 37.484 ng

RT: 12.22 min Scan# 1521

Delta R.T. -0.01 min

Lab File: BG031408.D

Acq: 7 Dec 2017 21:03

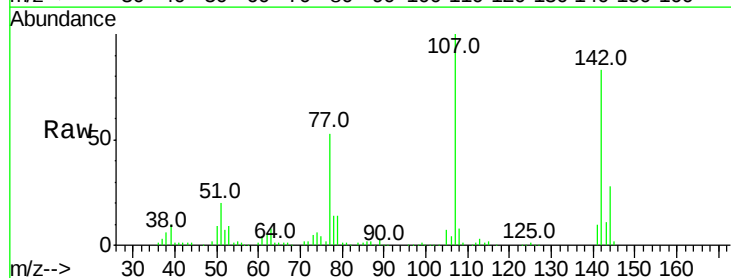
Tgt Ion:107 Resp: 144457

Ion Ratio Lower Upper

107 100

144 27.8 18.2 27.4#

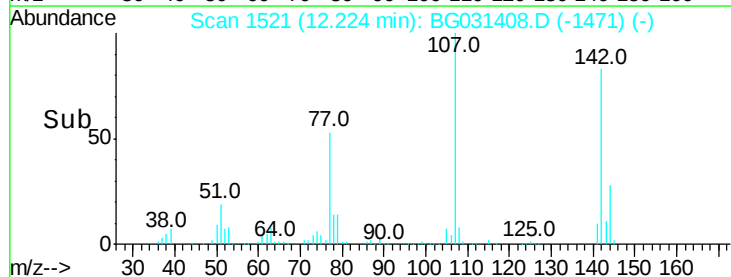
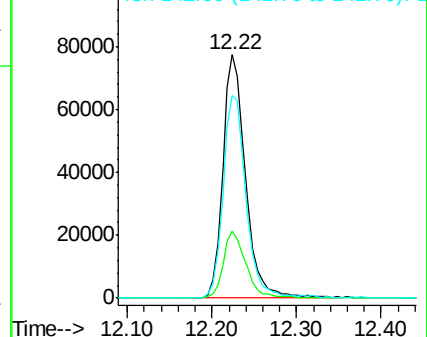
142 83.1 59.0 88.4

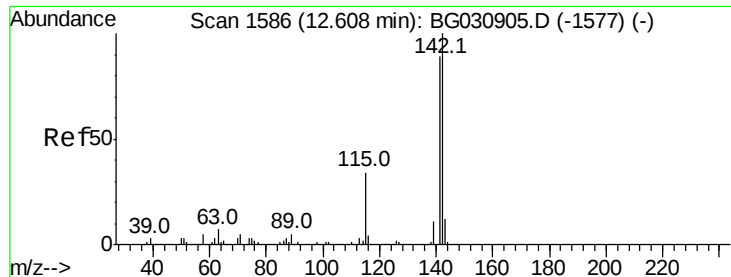


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

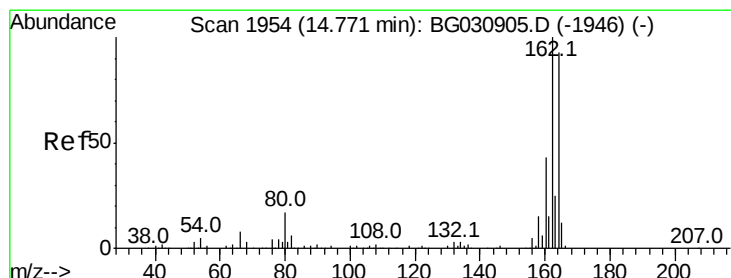
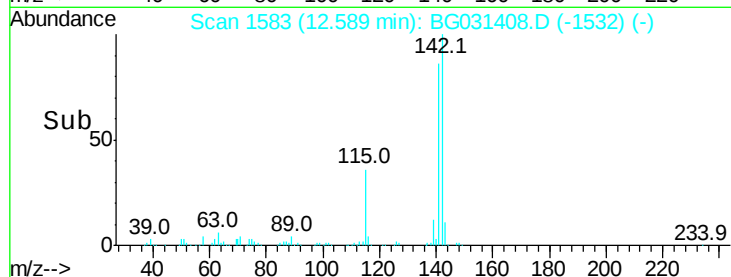
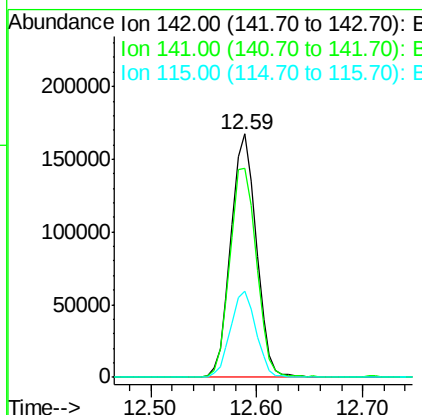
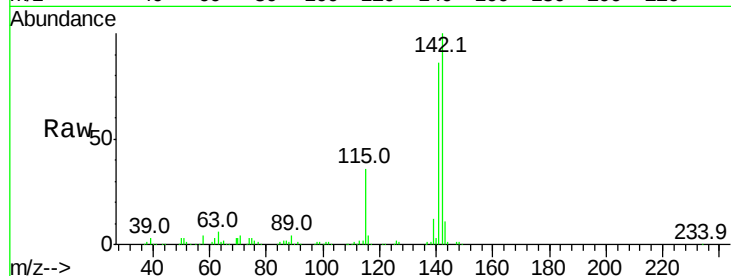




#37
2-Methylnaphthalene
Concen: 33.335 ng
RT: 12.59 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BG031408.D
Acq: 7 Dec 2017 21:03

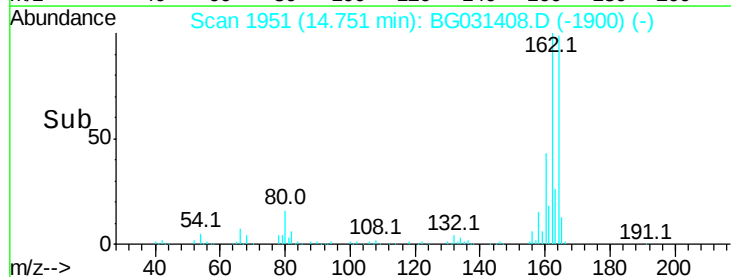
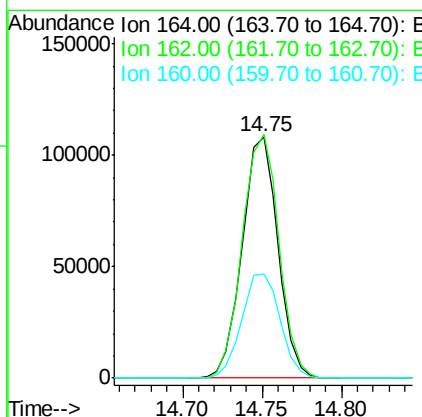
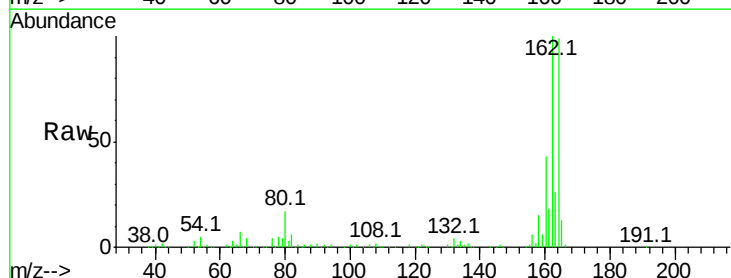
Instrument :
BNA_G
ClientSampleId :
SOIL-SB006BMSD

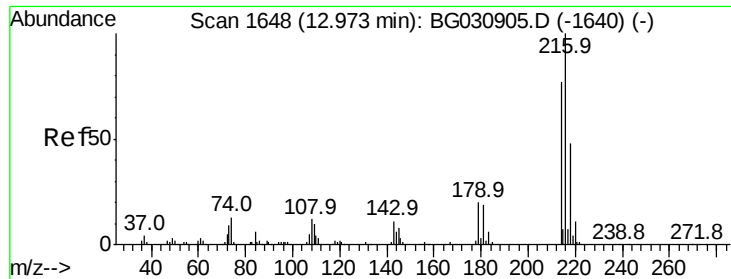
Tot Ion:142 Resp: 279629
Ion Ratio Lower Upper
142 100
141 86.1 67.1 100.7
115 35.5 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BG031408.D
Acq: 7 Dec 2017 21:03

Tgt Ion:164 Resp: 169016
Ion Ratio Lower Upper
164 100
162 100.9 78.8 118.2
160 43.1 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 25.226 ng

RT: 12.95 min Scan# 1645

Delta R.T. -0.01 min

Lab File: BG031408.D

Acq: 7 Dec 2017 21:03

Instrument :

BNA_G

ClientSampleId :

SOIL-SB006BMSD

Tot Ion:216 Resp: 169218

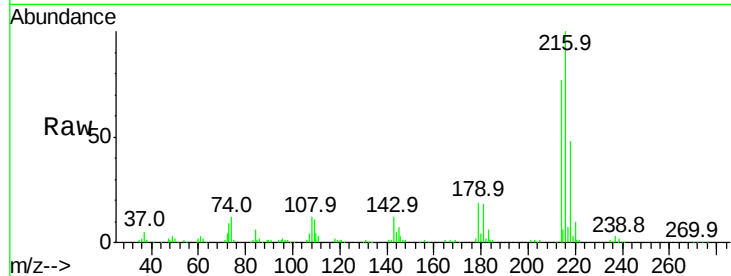
Ion Ratio Lower Upper

216 100

214 76.8 63.0 94.4

179 18.1 17.0 25.6

108 13.7 12.8 19.2

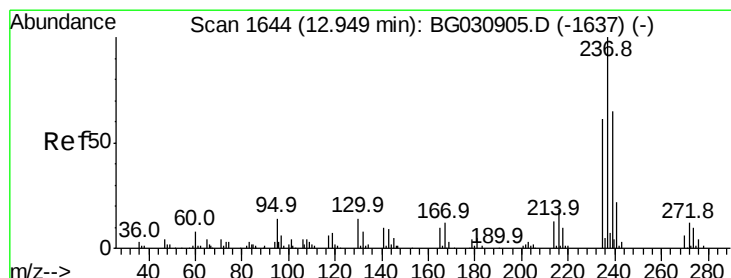
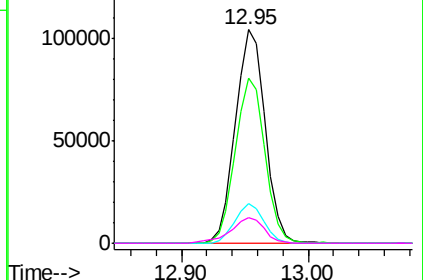
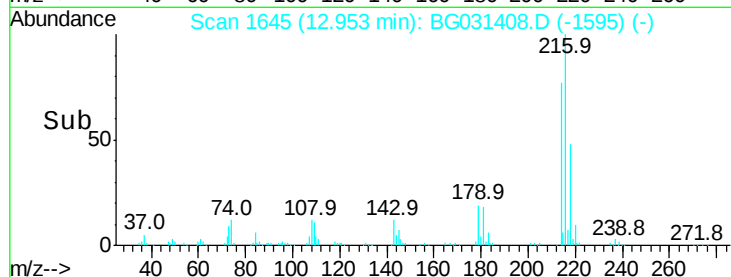


Abundance Ion 216.00 (215.70 to 216.70): E

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: 50.414 ng

RT: 12.92 min Scan# 1640

Delta R.T. -0.01 min

Lab File: BG031408.D

Acq: 7 Dec 2017 21:03

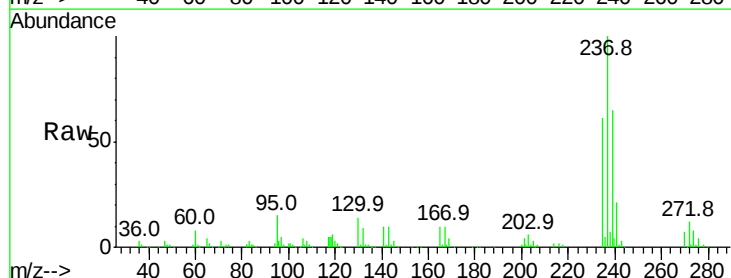
Tgt Ion:237 Resp: 113794

Ion Ratio Lower Upper

237 100

235 60.9 50.4 90.4

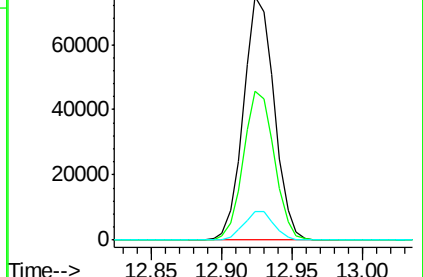
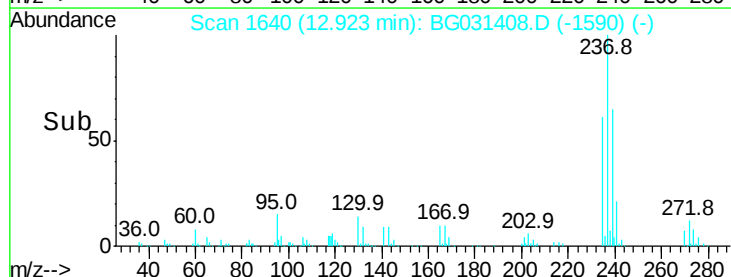
272 11.8 0.0 31.8

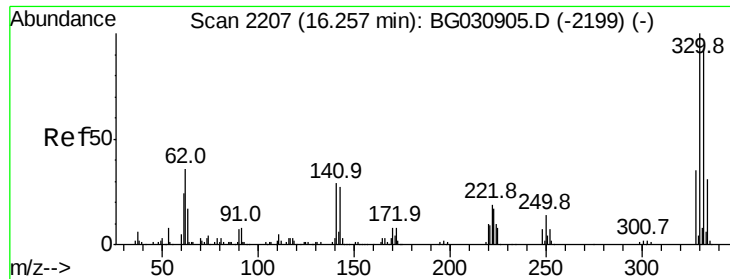


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

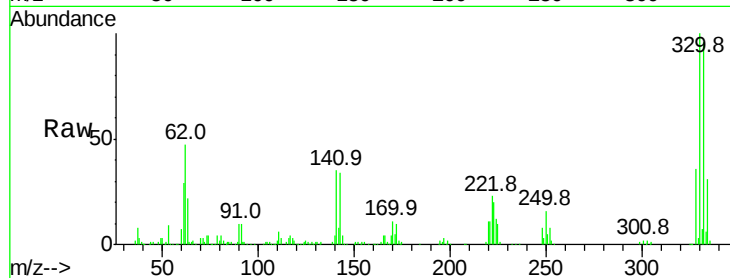




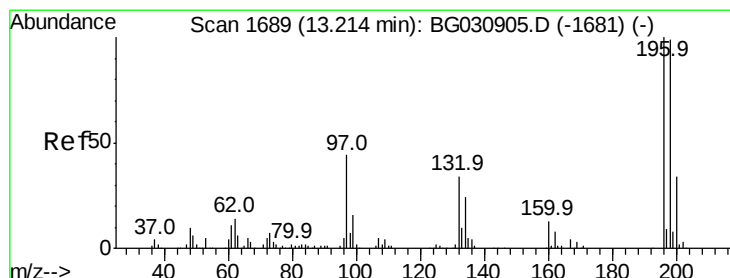
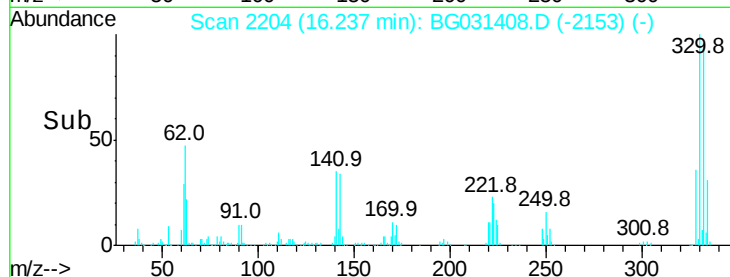
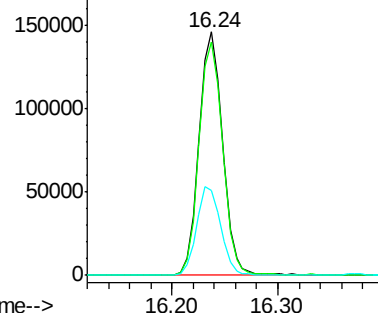
#41
 2,4,6-Tribromophenol
 Concen: 82.374 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: BG031408.D
 Acq: 7 Dec 2017 21:03

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-SB006BMSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	37.6	25.2	37.8

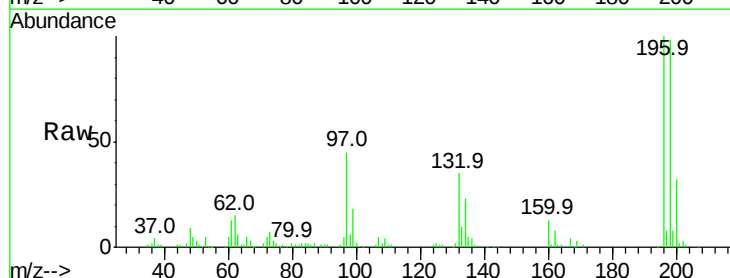


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

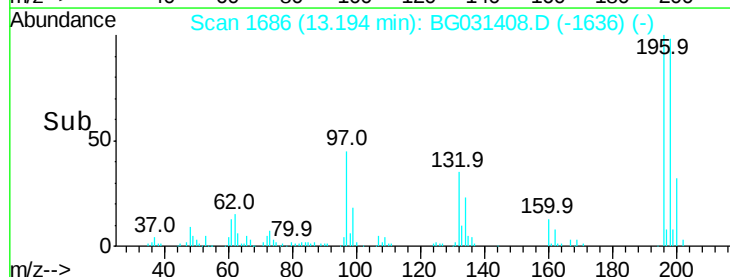
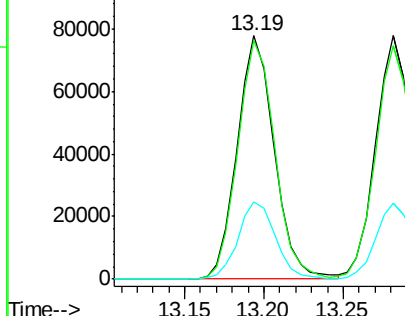


#42
 2,4,6-Trichlorophenol
 Concen: 33.040 ng
 RT: 13.19 min Scan# 1686
 Delta R.T. -0.01 min
 Lab File: BG031408.D
 Acq: 7 Dec 2017 21:03

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.1	78.2	117.2
200	31.9	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: 32.791 ng

RT: 13.28 min Scan# 1701

Delta R.T. 0.00 min

Lab File: BG031408.D

Acq: 7 Dec 2017 21:03

Instrument :

BNA_G

ClientSampleId :

SOIL-SB006BMSD

Tot Ion:196 Resp: 137582

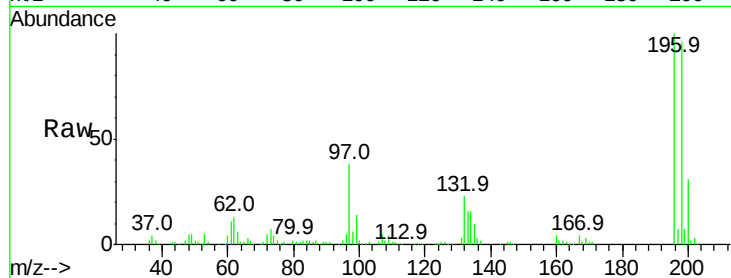
Ion Ratio Lower Upper

196 100

198 95.6 76.2 114.4

97 38.3 38.7 58.1#

132 22.7 20.2 30.2

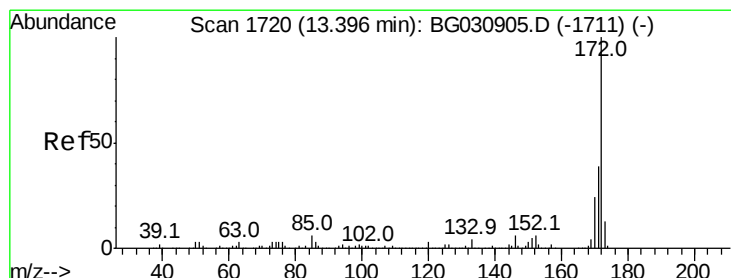
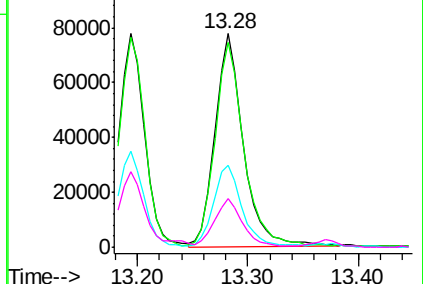
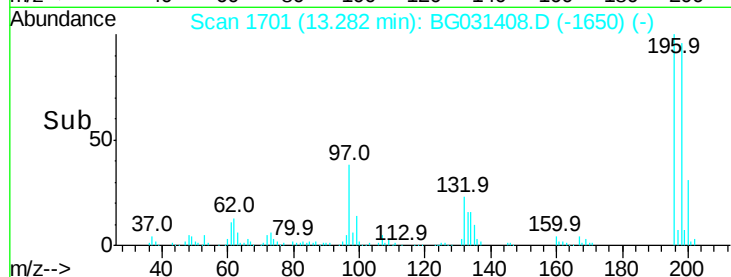


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BG

Ion 132.00 (131.70 to 132.70): E



#44

2-Fluorobiphenyl

Concen: 62.647 ng

RT: 13.37 min Scan# 1716

Delta R.T. 0.00 min

Lab File: BG031408.D

Acq: 7 Dec 2017 21:03

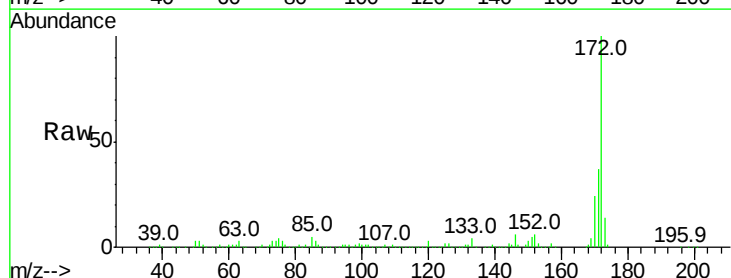
Tgt Ion:172 Resp: 736890

Ion Ratio Lower Upper

172 100

171 36.9 30.0 45.0

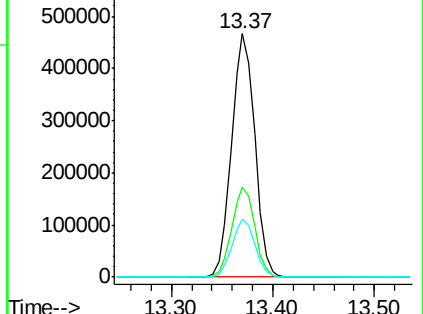
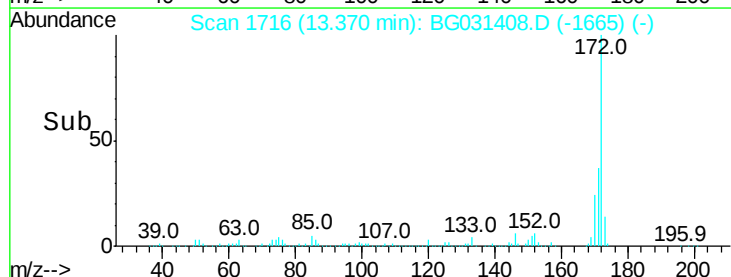
170 24.0 19.5 29.3

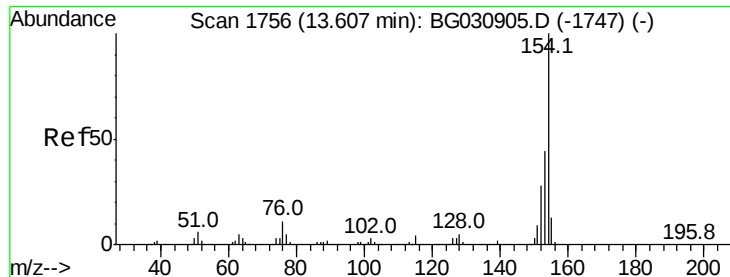


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

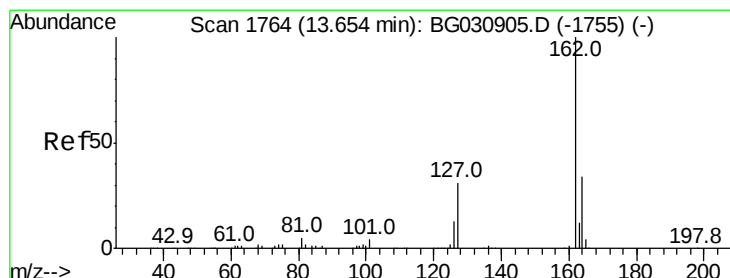
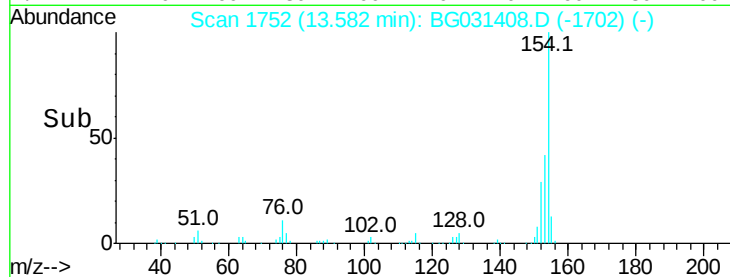
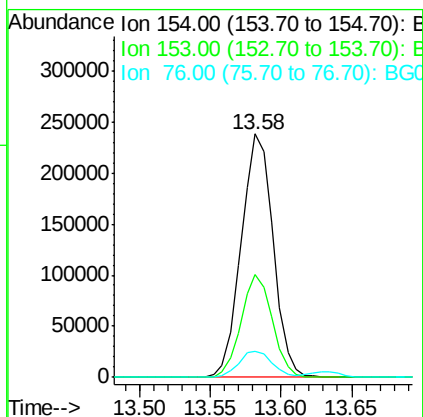
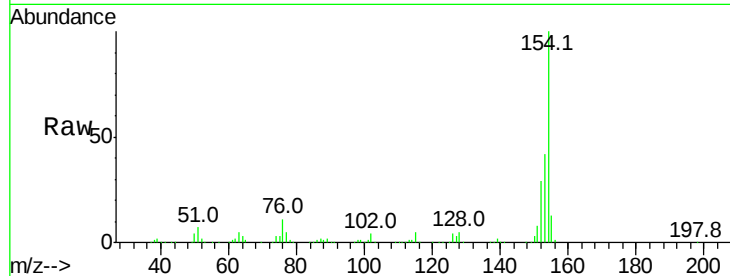




#45
 1,1'-Biphenyl
 Concen: 26.854 ng
 RT: 13.58 min Scan# 1752
 Delta R.T. -0.01 min
 Lab File: BG031408.D
 Acq: 7 Dec 2017 21:03

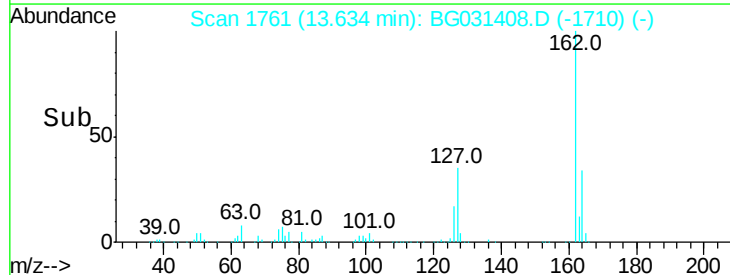
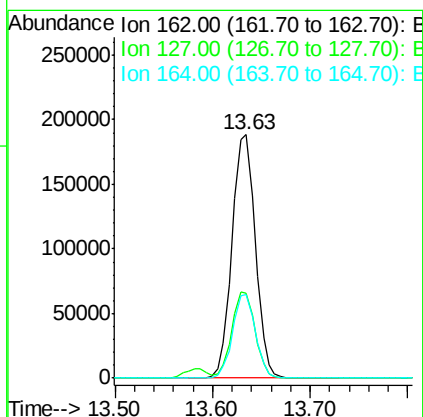
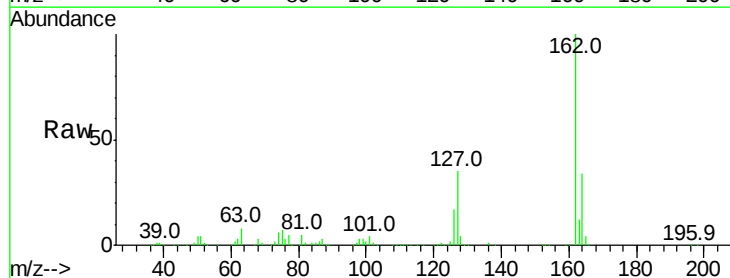
Instrument :
 BNA_G
 ClientSampleId :
 SOIL-SB006BMSD

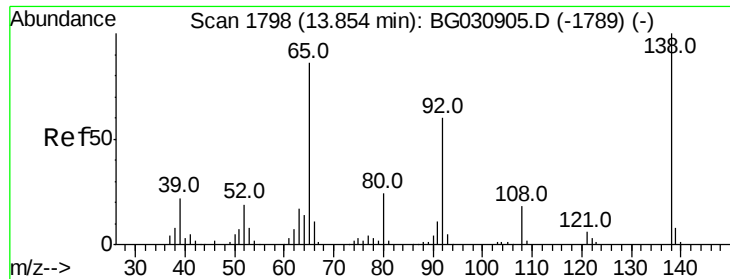
Tot Ion:154 Resp: 376373
 Ion Ratio Lower Upper
 154 100
 153 42.3 19.8 59.8
 76 10.6 0.0 31.9



#46
 2-Chloronaphthalene
 Concen: 30.978 ng
 RT: 13.63 min Scan# 1761
 Delta R.T. 0.00 min
 Lab File: BG031408.D
 Acq: 7 Dec 2017 21:03

Tgt Ion:162 Resp: 313256
 Ion Ratio Lower Upper
 162 100
 127 34.8 30.7 46.1
 164 34.4 26.0 39.0

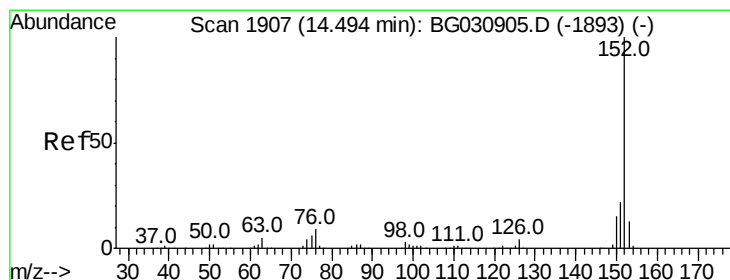
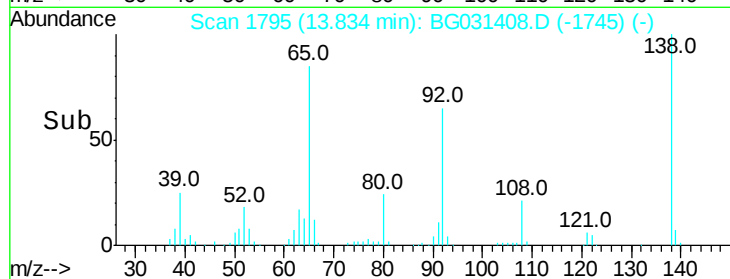
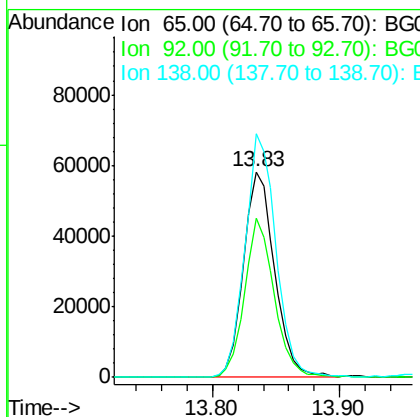
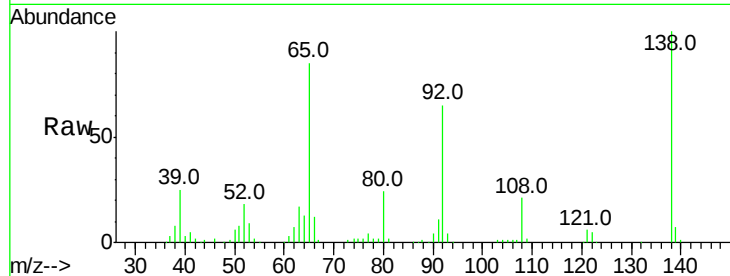




#47
2-Nitroaniline
Concen: 33.238 ng
RT: 13.83 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BG031408.D
Acq: 7 Dec 2017 21:03

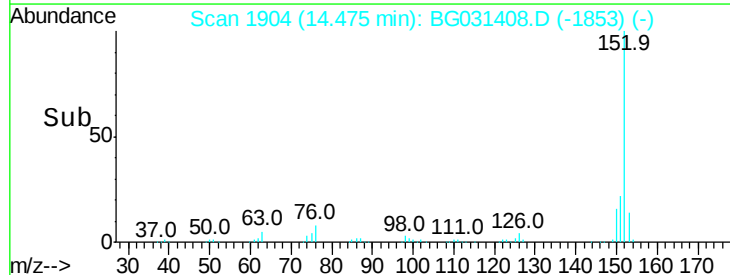
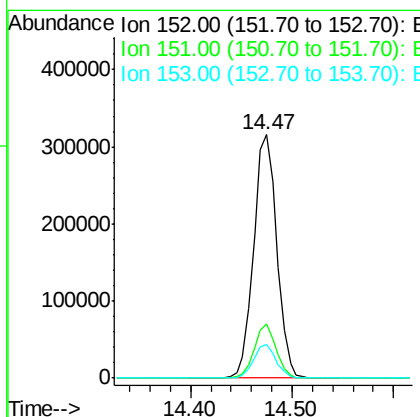
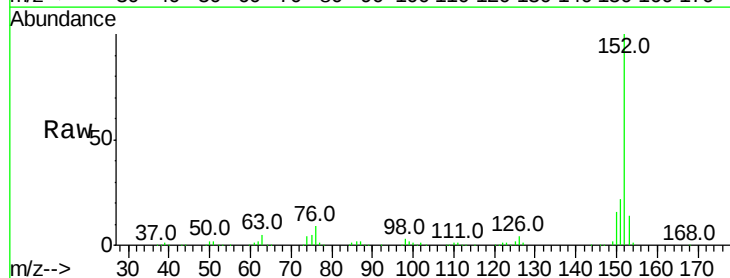
Instrument :
BNA_G
ClientSampleId :
SOIL-SB006BMSD

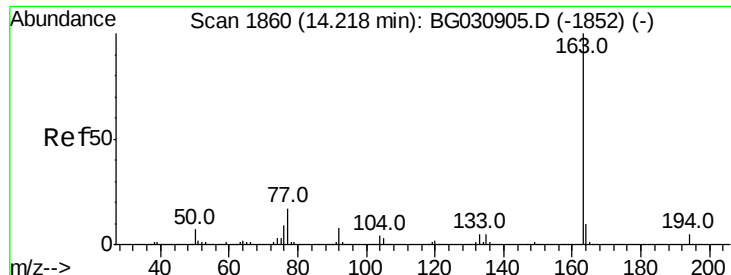
Tot Ion: 65 Resp: 99621
Ion Ratio Lower Upper
65 100
92 77.1 54.6 82.0
138 118.3 72.9 109.3#



#48
Acenaphthylene
Concen: 30.200 ng
RT: 14.47 min Scan# 1904
Delta R.T. 0.00 min
Lab File: BG031408.D
Acq: 7 Dec 2017 21:03

Tgt Ion: 152 Resp: 499825
Ion Ratio Lower Upper
152 100
151 22.2 17.2 25.8
153 13.7 10.2 15.4





#49

Dimethylphthalate

Concen: 35.374 ng

RT: 14.19 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BG031408.D

Acq: 7 Dec 2017 21:03

Instrument :

BNA_G

ClientSampleId :

SOIL-SB006BMSD

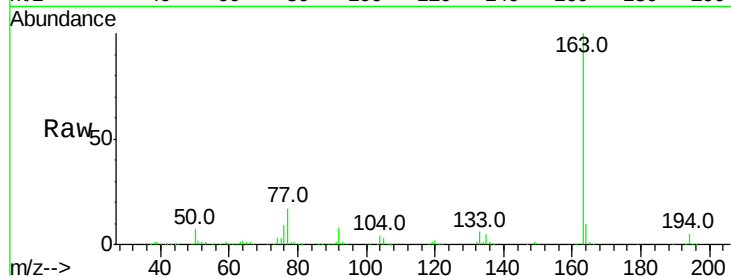
Tot Ion:163 Resp: 516942

Ion Ratio Lower Upper

163 100

194 4.7 3.4 5.2

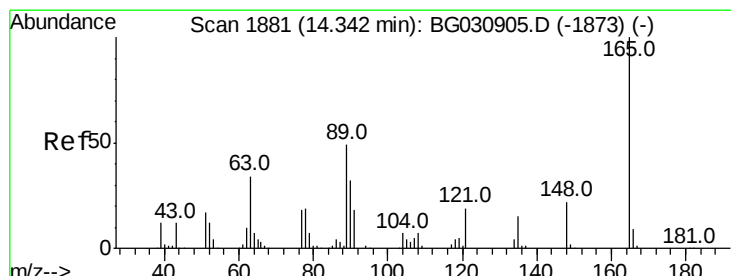
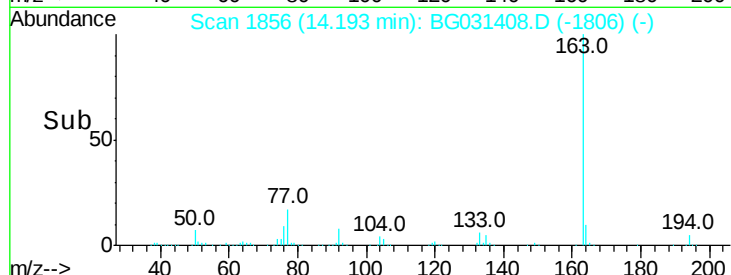
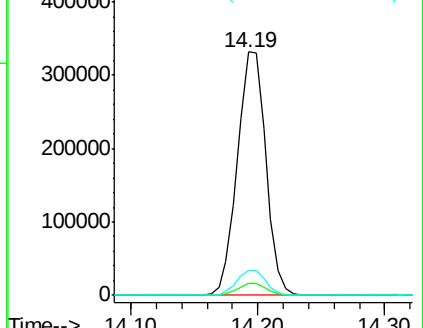
164 10.2 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 35.185 ng

RT: 14.32 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BG031408.D

Acq: 7 Dec 2017 21:03

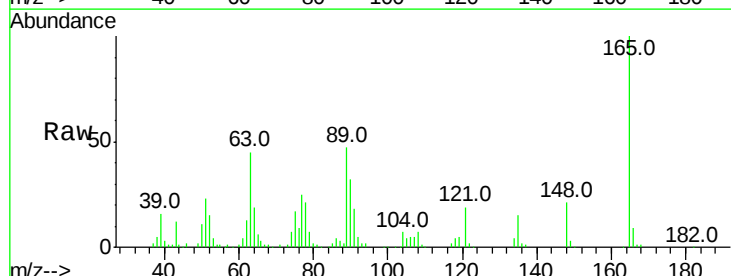
Tgt Ion:165 Resp: 105981

Ion Ratio Lower Upper

165 100

63 45.5 52.7 79.1#

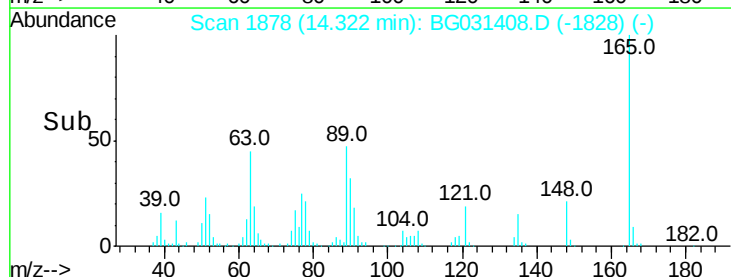
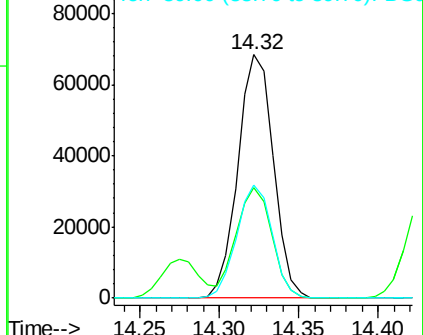
89 46.7 49.2 73.8#

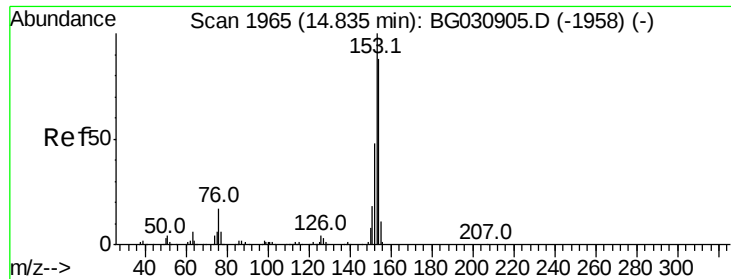


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 29.681 ng

RT: 14.81 min Scan# 1961

Delta R.T. -0.01 min

Lab File: BG031408.D

Acq: 7 Dec 2017 21:03

Instrument :

BNA_G

ClientSampleId :

SOIL-SB006BMSD

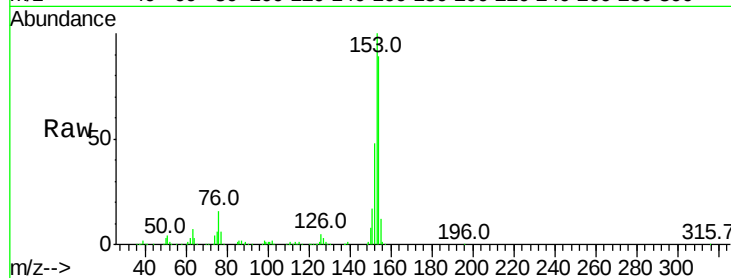
Tot Ion:154 Resp: 306797

Ion Ratio Lower Upper

154 100

153 112.0 90.4 135.6

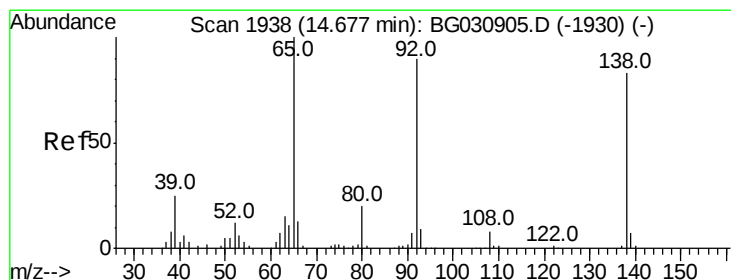
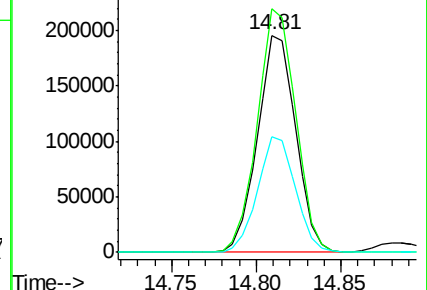
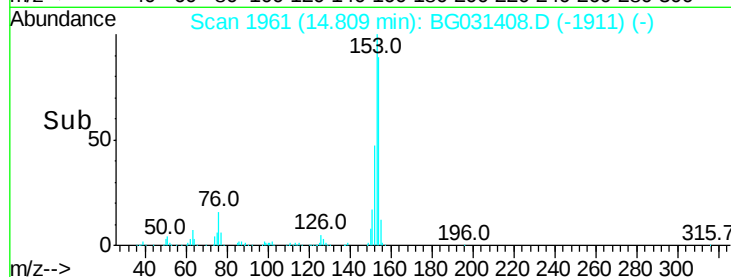
152 53.2 41.6 62.4



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: 26.258 ng

RT: 14.66 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BG031408.D

Acq: 7 Dec 2017 21:03

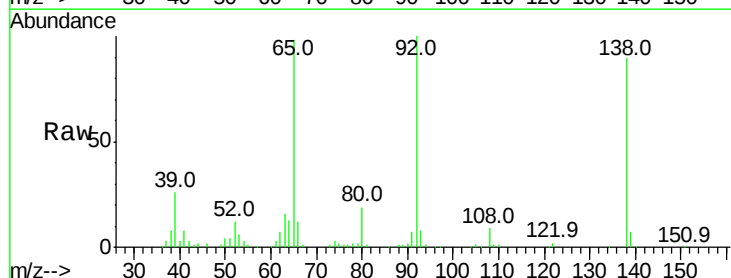
Tgt Ion:138 Resp: 83981

Ion Ratio Lower Upper

138 100

108 9.4 17.5 26.3#

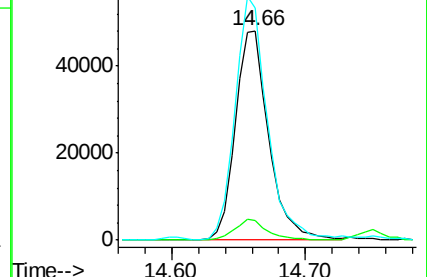
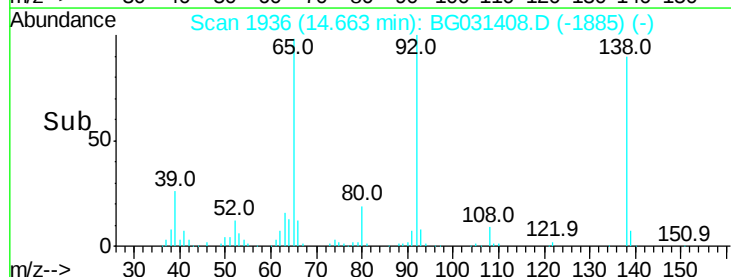
92 110.6 105.8 158.8

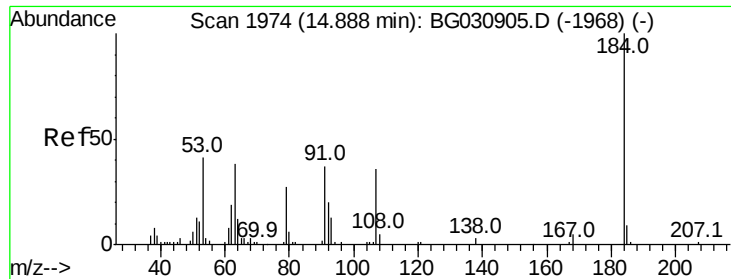


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

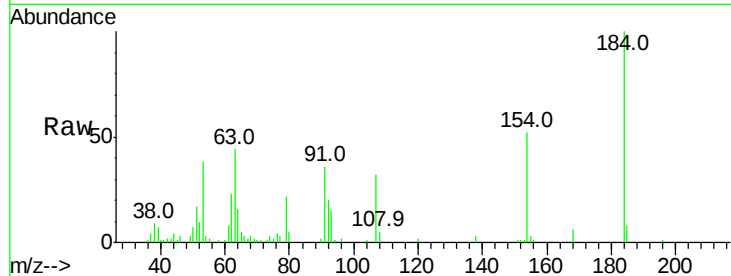




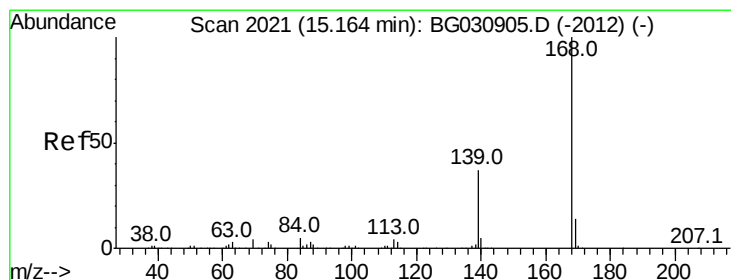
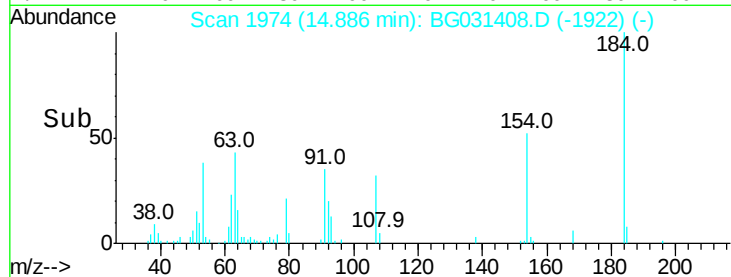
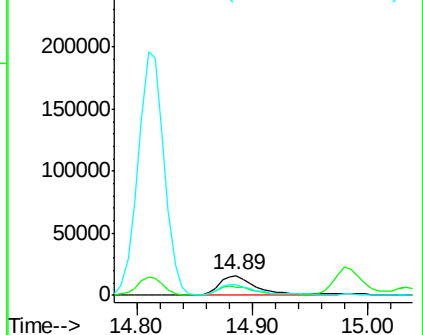
#53
 2,4-Dinitrophenol
 Concen: 26.668 ng
 RT: 14.89 min Scan# 1974
 Delta R.T. 0.01 min
 Lab File: BG031408.D
 Acq: 7 Dec 2017 21:03

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-SB006BMSD

Tot Ion:184 Resp: 37200
 Ion Ratio Lower Upper
 184 100
 63 44.0 59.8 89.8#
 154 52.0 101.8 152.8#

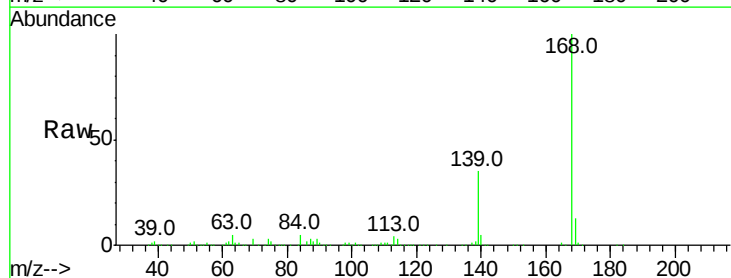


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 154.00 (153.70 to 154.70): E

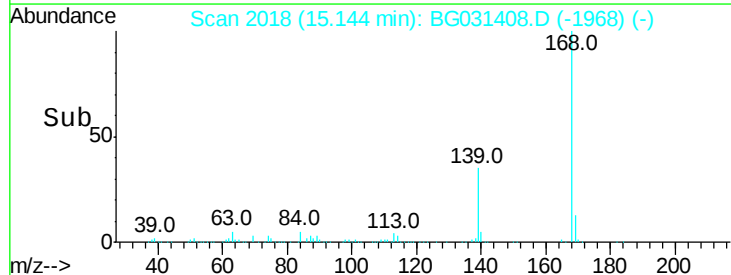
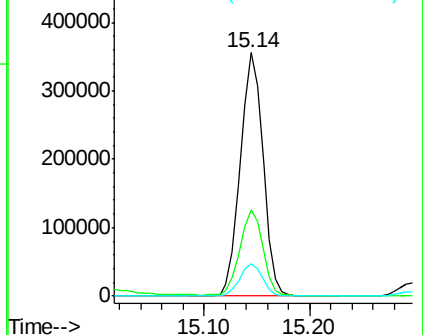


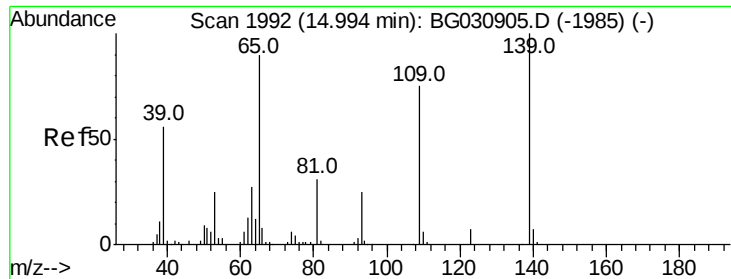
#54
 Dibenzofuran
 Concen: 32.126 ng
 RT: 15.14 min Scan# 2018
 Delta R.T. -0.01 min
 Lab File: BG031408.D
 Acq: 7 Dec 2017 21:03

Tgt Ion:168 Resp: 528927
 Ion Ratio Lower Upper
 168 100
 139 35.2 28.6 43.0
 169 13.3 11.2 16.8



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





#55

4-Nitrophenol

Concen: 67.723 ng

RT: 14.99 min Scan# 1991

Delta R.T. 0.00 min

Lab File: BG031408.D

Acq: 7 Dec 2017 21:03

Instrument :

BNA_G

ClientSampleId :

SOIL-SB006BM

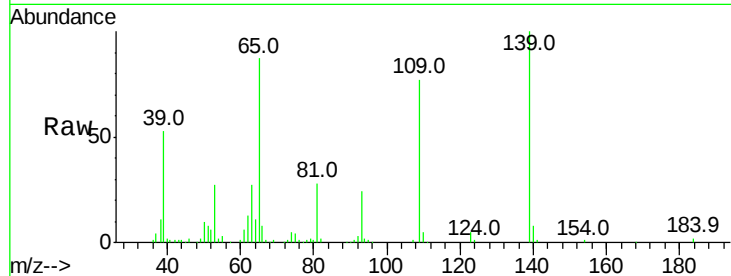
Tot Ion:139 Resp: 154292

Ion Ratio Lower Upper

139 100

109 77.1 62.2 102.2

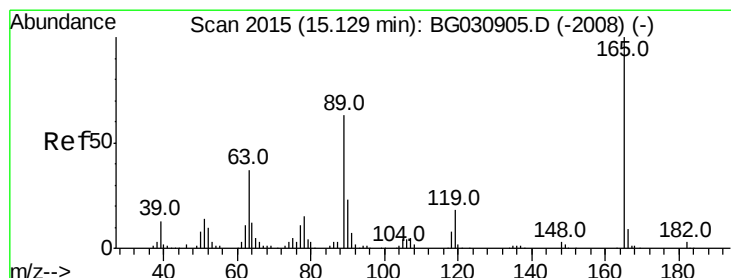
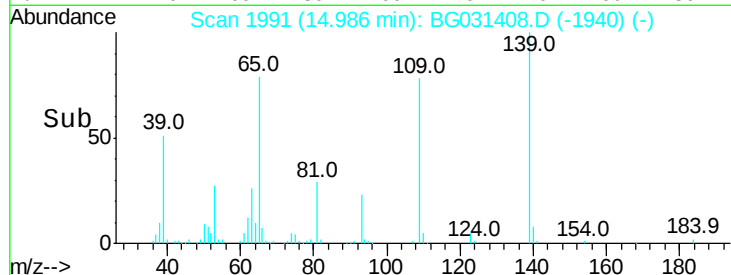
65 86.6 97.2 137.2#



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: 34.939 ng

RT: 15.12 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BG031408.D

Acq: 7 Dec 2017 21:03

Tgt Ion:165 Resp: 152146

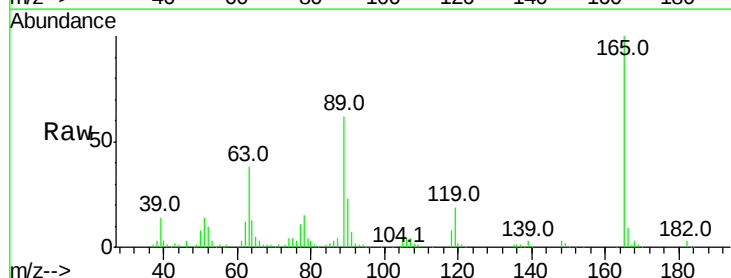
Ion Ratio Lower Upper

165 100

63 37.5 42.0 63.0#

89 61.6 66.9 100.3#

182 3.3 2.6 3.8

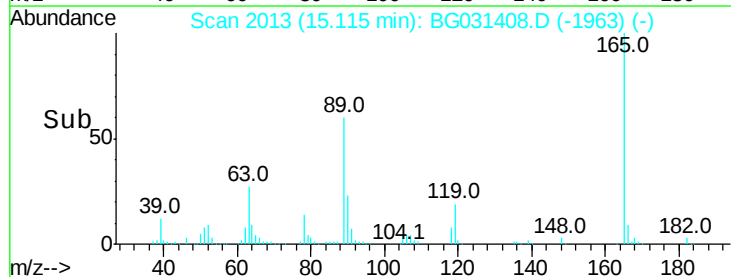


Abundance Ion 165.00 (164.70 to 165.70): E

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

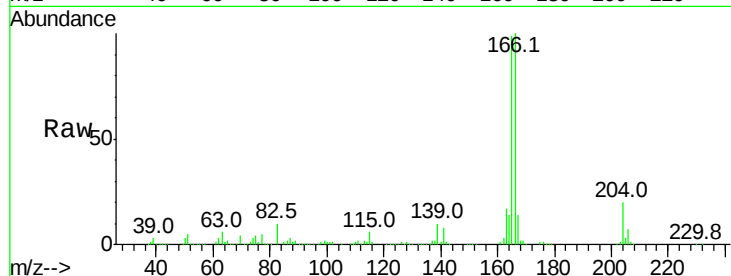




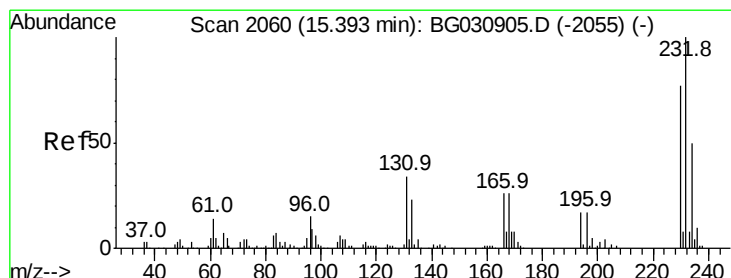
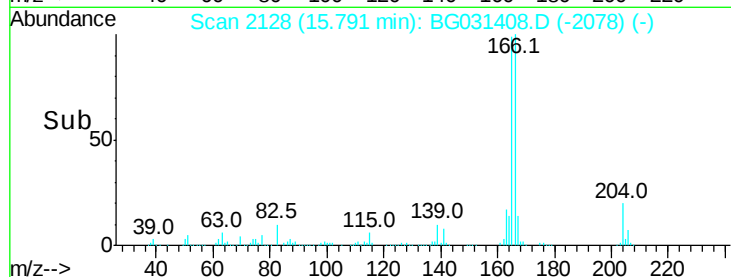
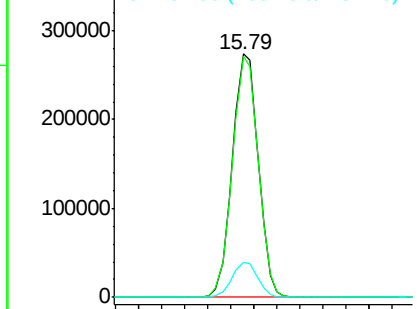
#57
 Fluorene
 Concen: 31.860 ng
 RT: 15.79 min Scan# 2128
 Delta R.T. -0.01 min
 Lab File: BG031408.D
 Acq: 7 Dec 2017 21:03

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-SB006BMDS

Tot Ion:166 Resp: 425862
 Ion Ratio Lower Upper
 166 100
 165 98.8 80.6 121.0
 167 14.3 10.4 15.6



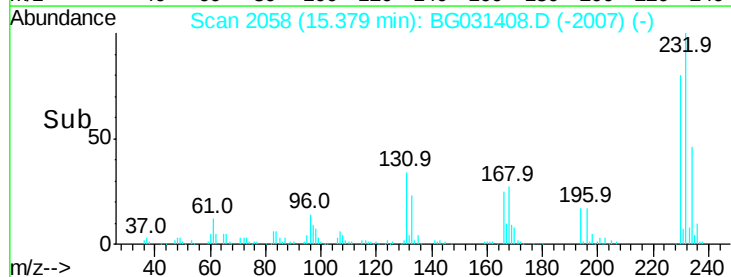
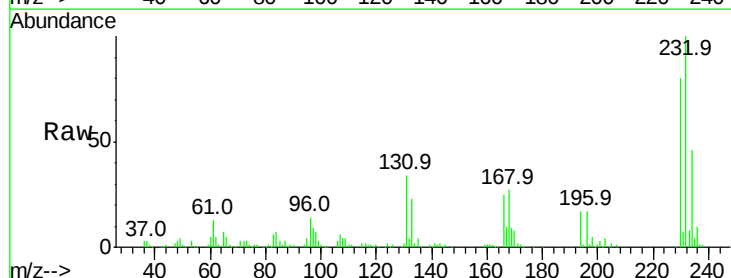
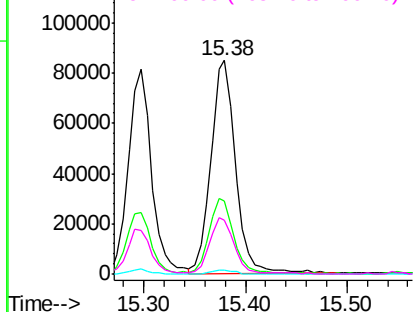
Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

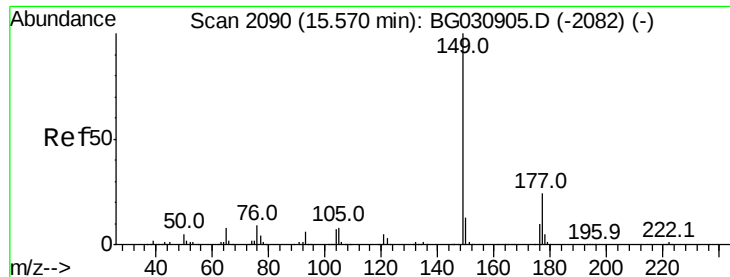


#58
 2,3,4,6-Tetrachlorophenol
 Concen: 35.643 ng
 RT: 15.38 min Scan# 2058
 Delta R.T. 0.00 min
 Lab File: BG031408.D
 Acq: 7 Dec 2017 21:03

Tgt Ion:232 Resp: 142531
 Ion Ratio Lower Upper
 232 100
 131 35.2 33.5 50.3
 130 1.9 2.2 3.2#
 166 25.1 24.8 37.2

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





#59

Diethylphthalate

Concen: 32.679 ng

RT: 15.55 min Scan# 2087

Delta R.T. 0.00 min

Lab File: BG031408.D

Acq: 7 Dec 2017 21:03

Instrument :

BNA_G

ClientSampleId :

SOIL-SB006BMSD

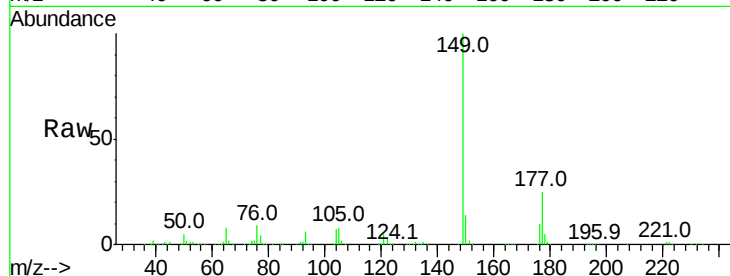
Tot Ion:149 Resp: 485096

Ion Ratio Lower Upper

149 100

177 25.4 18.5 27.7

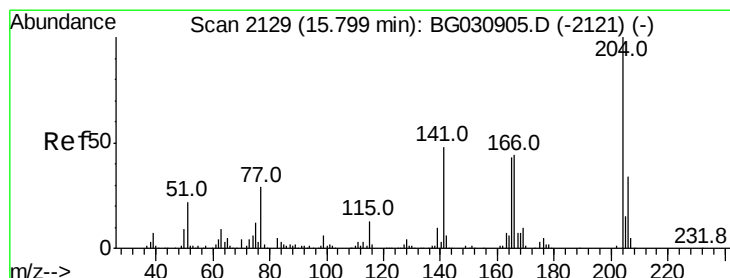
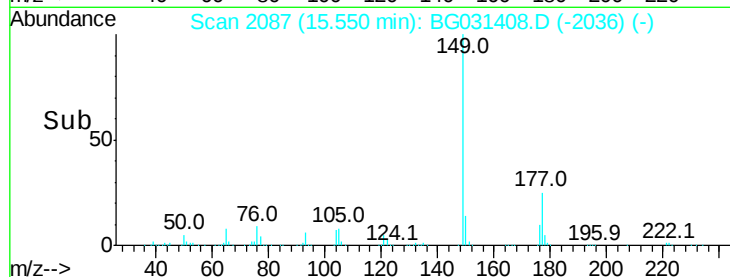
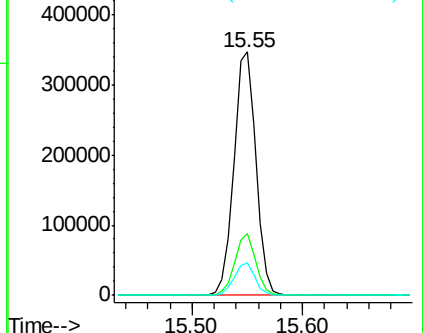
150 13.6 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 31.075 ng

RT: 15.77 min Scan# 2125

Delta R.T. -0.01 min

Lab File: BG031408.D

Acq: 7 Dec 2017 21:03

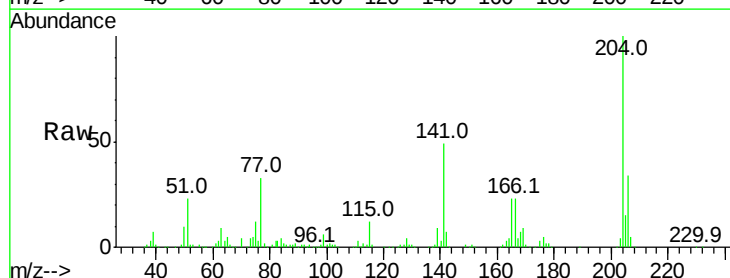
Tgt Ion:204 Resp: 250860

Ion Ratio Lower Upper

204 100

206 34.0 26.2 39.2

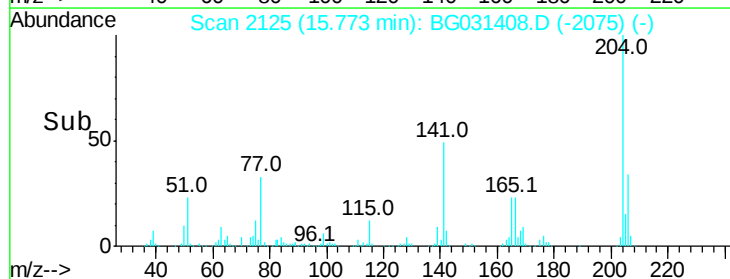
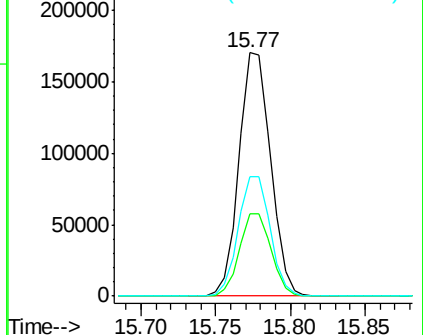
141 49.3 45.8 68.6

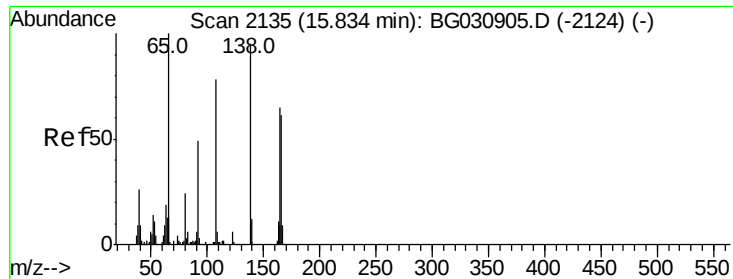


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

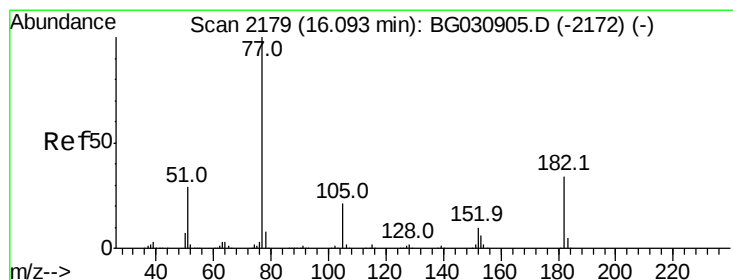
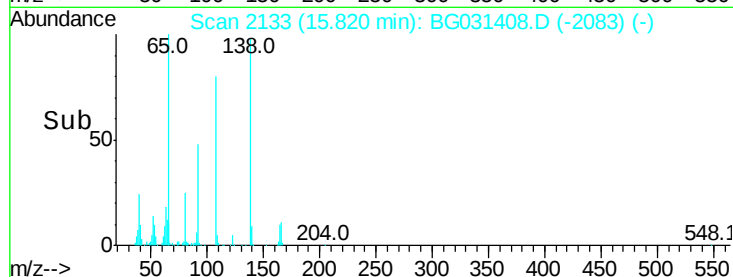
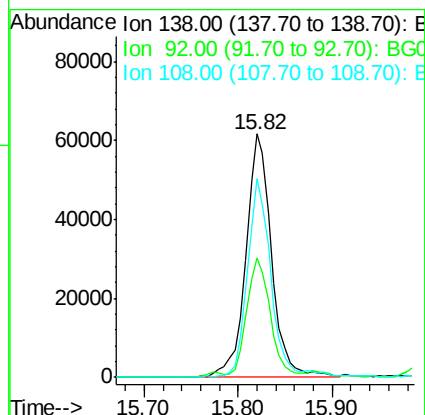
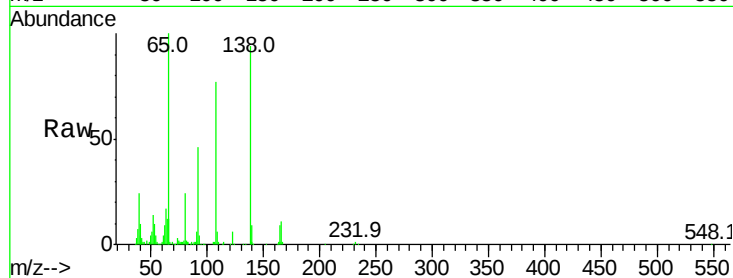




#61
4-Nitroaniline
Concen: 34.365 ng
RT: 15.82 min Scan# 2133
Delta R.T. -0.01 min
Lab File: BG031408.D
Acq: 7 Dec 2017 21:03

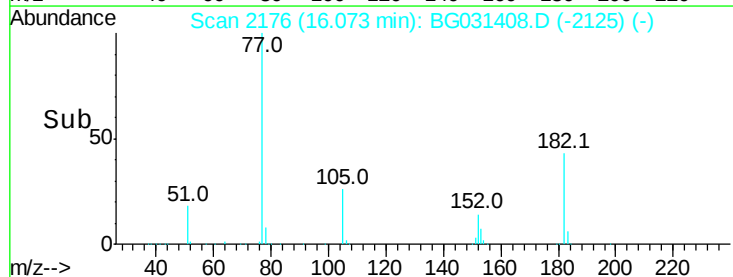
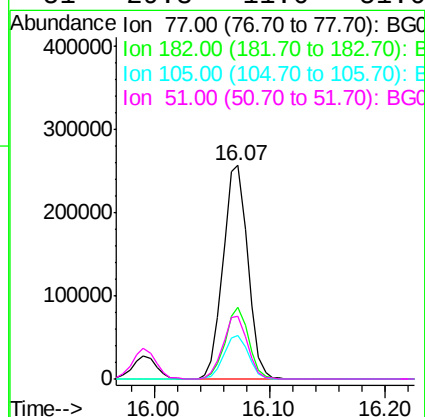
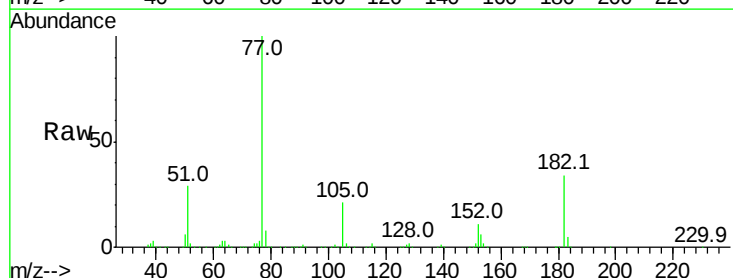
Instrument :
BNA_G
ClientSampleId :
SOIL-SB006BMSD

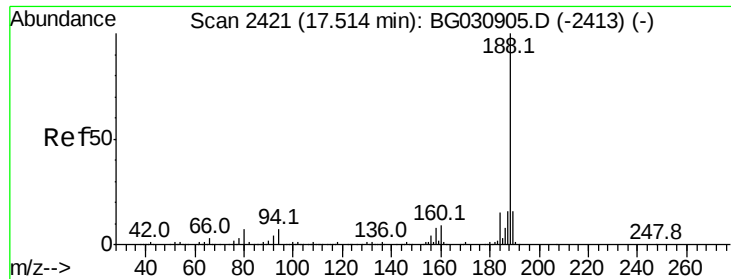
Tot Ion:138 Resp: 116384
Ion Ratio Lower Upper
138 100
92 49.1 40.1 80.1
108 81.5 65.4 105.4



#62
Azobenzene
Concen: 33.612 ng
RT: 16.07 min Scan# 2176
Delta R.T. 0.00 min
Lab File: BG031408.D
Acq: 7 Dec 2017 21:03

Tgt Ion: 77 Resp: 380526
Ion Ratio Lower Upper
77 100
182 33.8 7.4 47.4
105 20.6 0.3 40.3
51 29.3 11.6 51.6

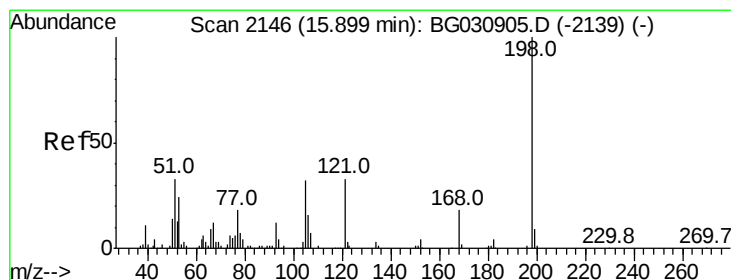
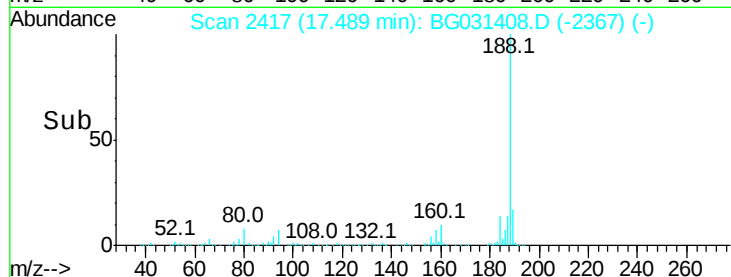
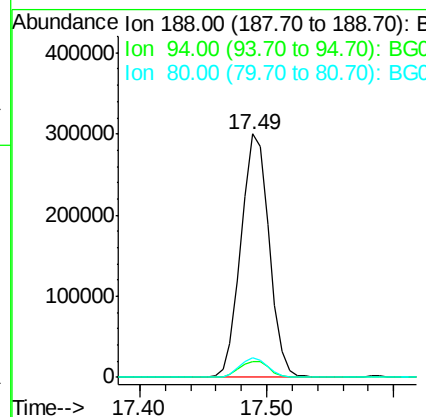
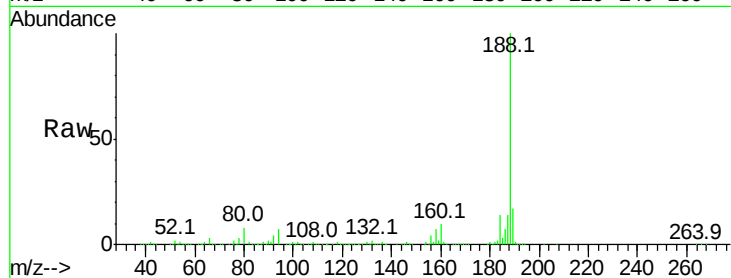




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BG031408.D
Acq: 7 Dec 2017 21:03

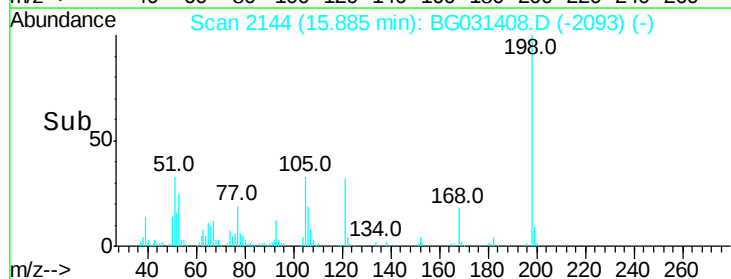
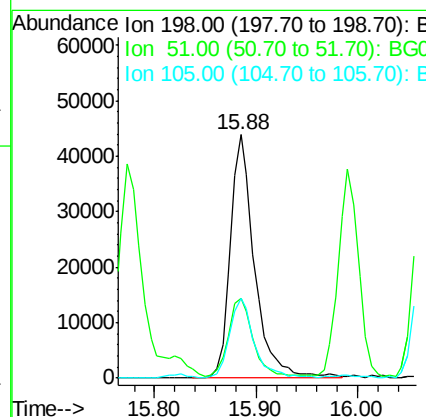
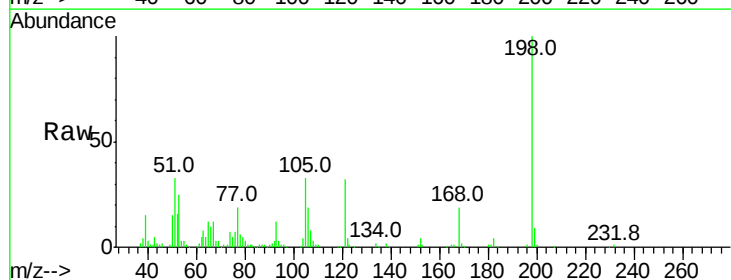
Instrument :
BNA_G
ClientSampleId :
SOIL-SB006BMSD

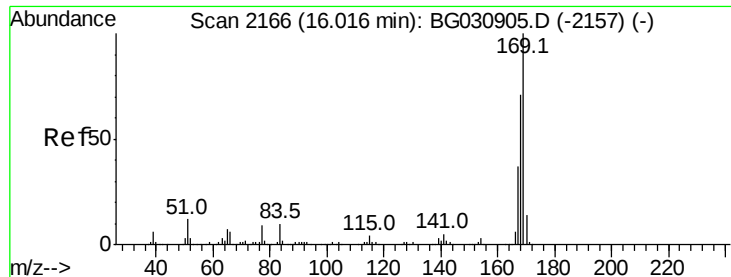
Tot Ion:188 Resp: 459783
Ion Ratio Lower Upper
188 100
94 6.7 6.9 10.3#
80 7.9 7.7 11.5



#64
4,6-Dinitro-2-methylphenol
Concen: 23.794 ng
RT: 15.88 min Scan# 2144
Delta R.T. 0.00 min
Lab File: BG031408.D
Acq: 7 Dec 2017 21:03

Tgt Ion:198 Resp: 72719
Ion Ratio Lower Upper
198 100
51 32.8 30.6 70.6
105 33.0 23.8 63.8

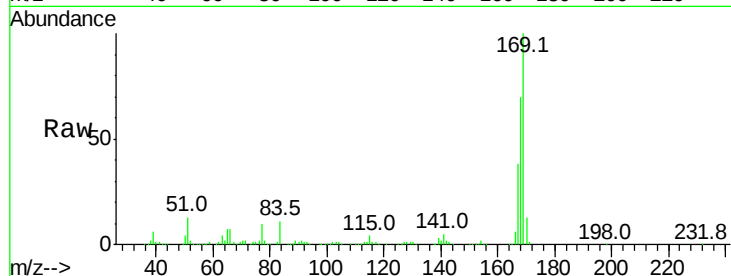




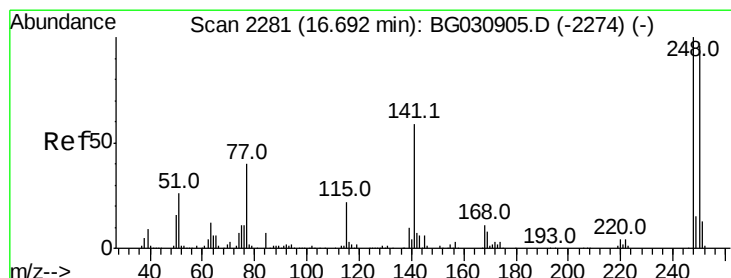
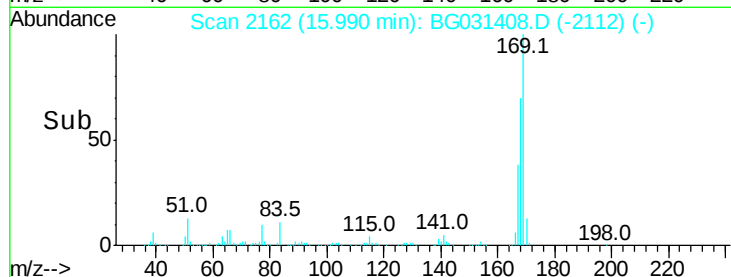
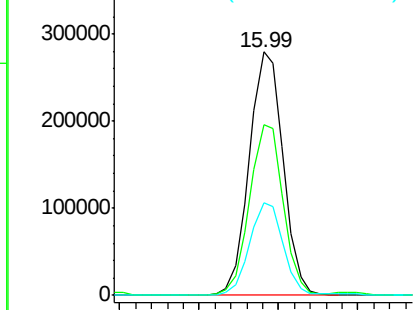
#65
n-Nitrosodiphenylamine
Concen: 29.816 ng
RT: 15.99 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BG031408.D
Acq: 7 Dec 2017 21:03

Instrument :
BNA_G
ClientSampleId :
SOIL-SB006BMSD

Tot Ion:169 Resp: 415418
Ion Ratio Lower Upper
169 100
168 70.2 55.7 83.5
167 37.9 30.1 45.1

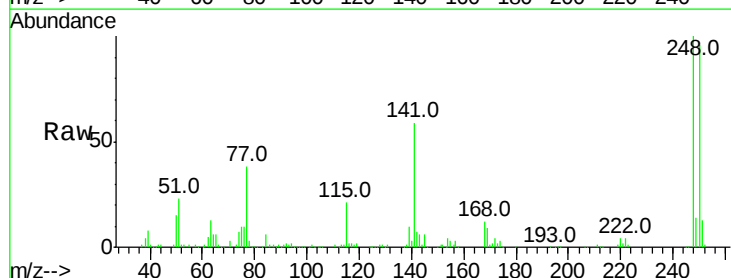


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

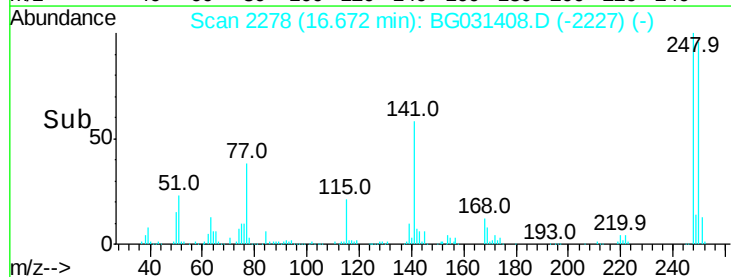
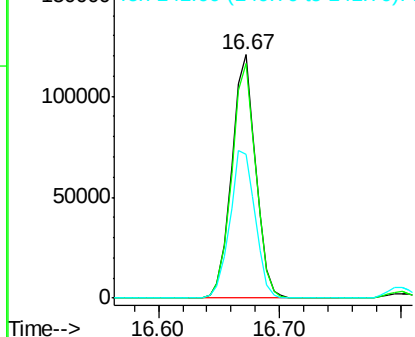


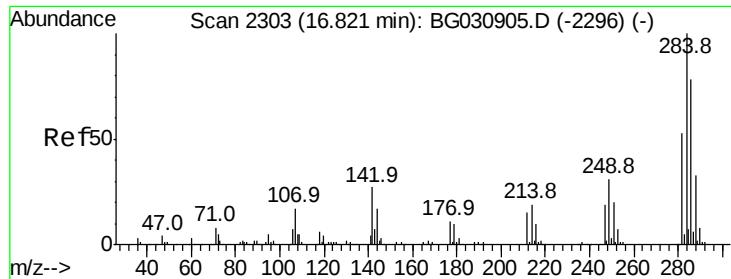
#66
4-Bromophenyl-phenylether
Concen: 28.548 ng
RT: 16.67 min Scan# 2278
Delta R.T. 0.00 min
Lab File: BG031408.D
Acq: 7 Dec 2017 21:03

Tgt Ion:248 Resp: 166242
Ion Ratio Lower Upper
248 100
250 96.2 77.1 115.7
141 58.9 50.8 76.2



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

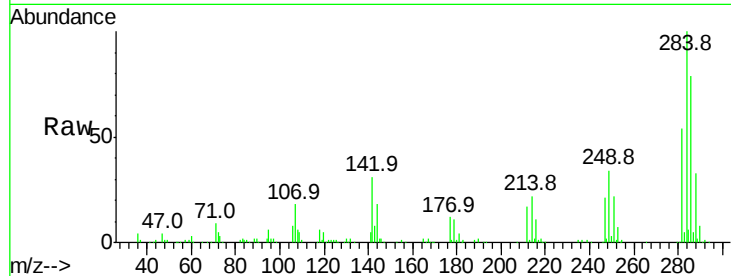




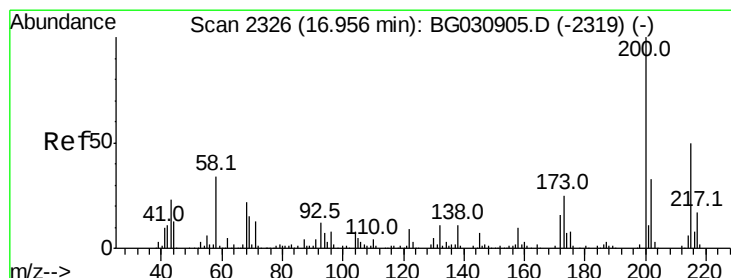
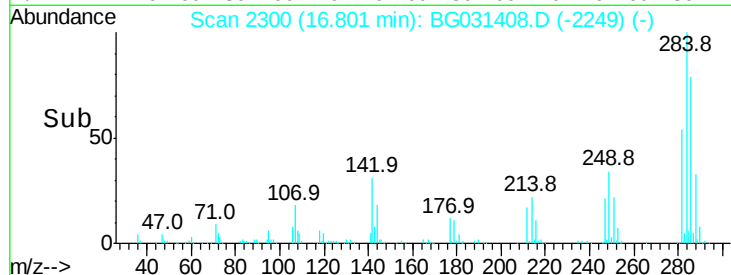
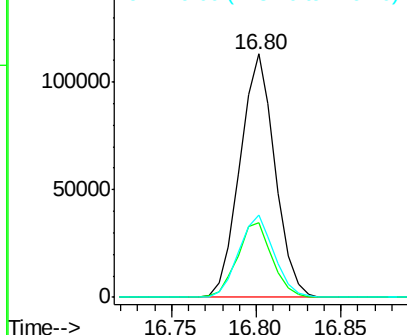
#67
Hexachlorobenzene
Concen: 26.290 ng
RT: 16.80 min Scan# 2300
Delta R.T. 0.00 min
Lab File: BG031408.D
Acq: 7 Dec 2017 21:03

Instrument :
BNA_G
ClientSampleId :
SOIL-SB006BMSD

Tot Ion:284 Resp: 162673
Ion Ratio Lower Upper
284 100
142 30.5 26.8 40.2
249 34.0 26.3 39.5

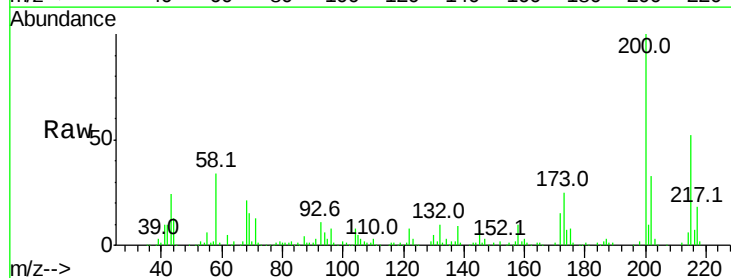


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

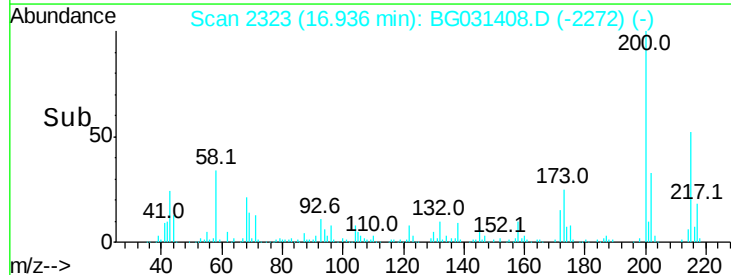
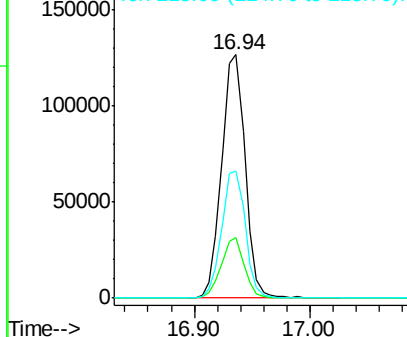


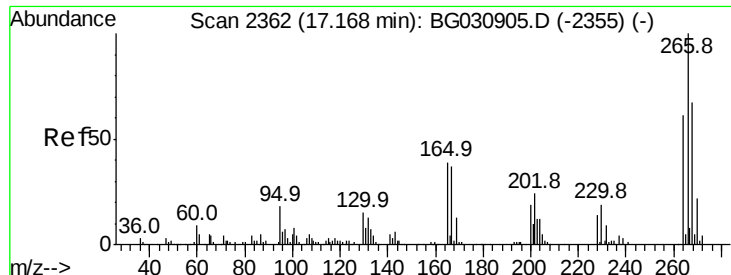
#68
Atrazine
Concen: 31.224 ng
RT: 16.94 min Scan# 2323
Delta R.T. 0.00 min
Lab File: BG031408.D
Acq: 7 Dec 2017 21:03

Tgt Ion:200 Resp: 179493
Ion Ratio Lower Upper
200 100
173 24.8 5.2 45.2
215 52.3 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

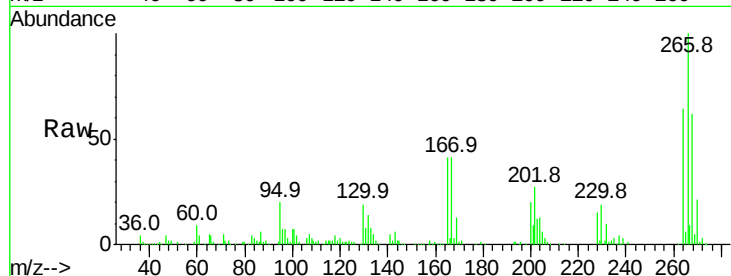




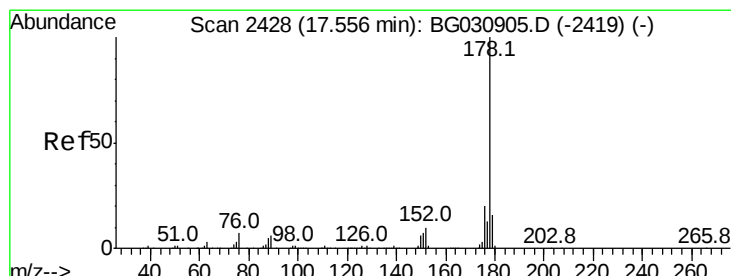
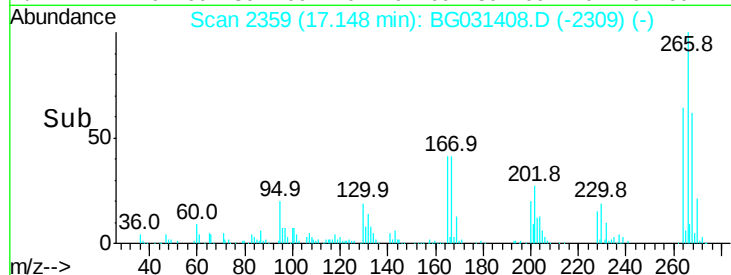
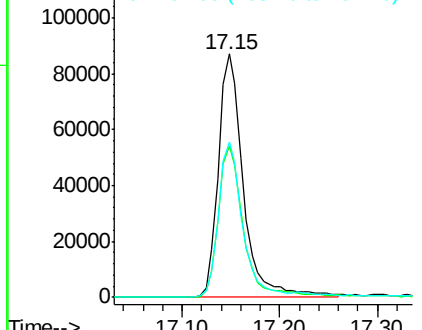
#69
 Pentachlorophenol
 Concen: 45.314 ng
 RT: 17.15 min Scan# 2359
 Delta R.T. -0.01 min
 Lab File: BG031408.D
 Acq: 7 Dec 2017 21:03

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-SB006BMSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.4	51.1	76.7
264	63.6	49.6	74.4

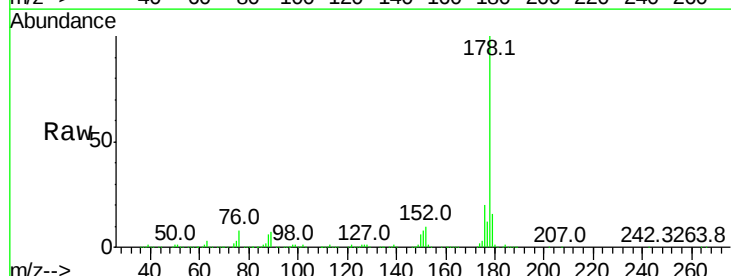


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

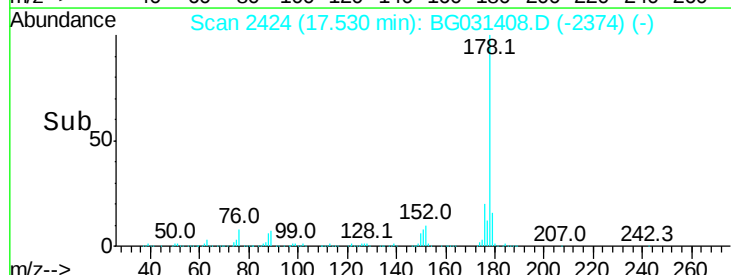
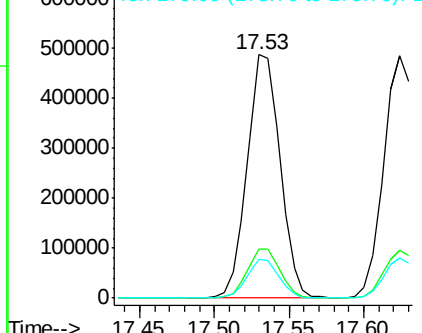


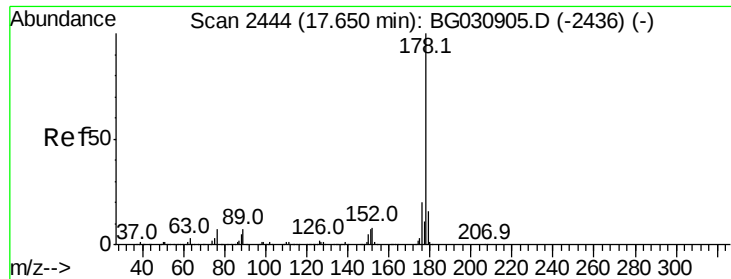
#70
 Phenanthrene
 Concen: 30.960 ng
 RT: 17.53 min Scan# 2424
 Delta R.T. -0.01 min
 Lab File: BG031408.D
 Acq: 7 Dec 2017 21:03

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.7	23.5
179	16.0	12.5	18.7



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

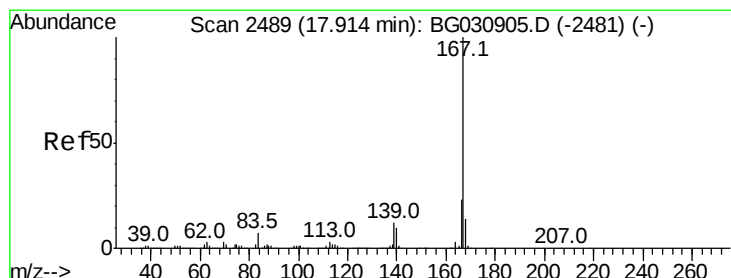
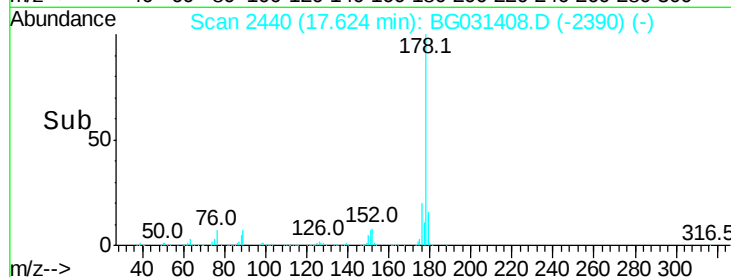
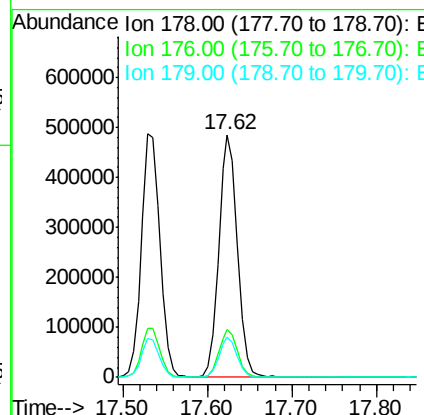
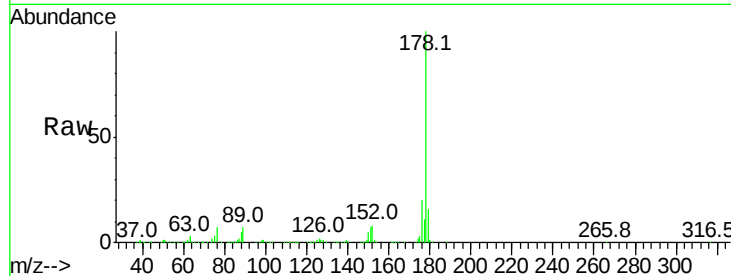




#71
 Anthracene
 Concen: 31.312 ng
 RT: 17.62 min Scan# 2440
 Delta R.T. -0.01 min
 Lab File: BG031408.D
 Acq: 7 Dec 2017 21:03

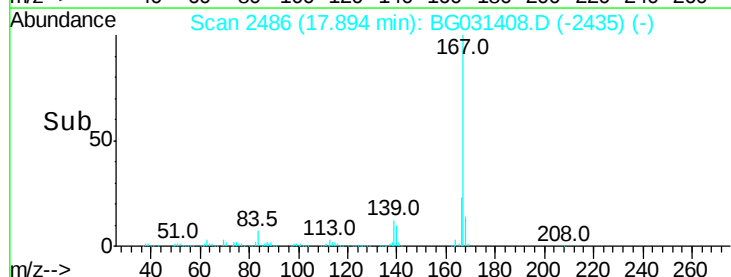
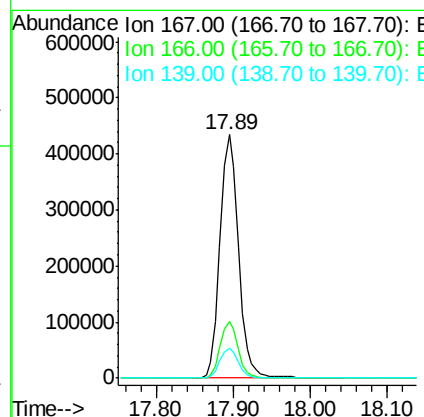
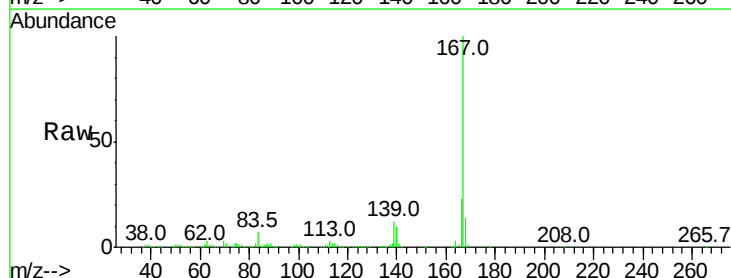
Instrument :
 BNA_G
 ClientSampleId :
 SOIL-SB006BMSD

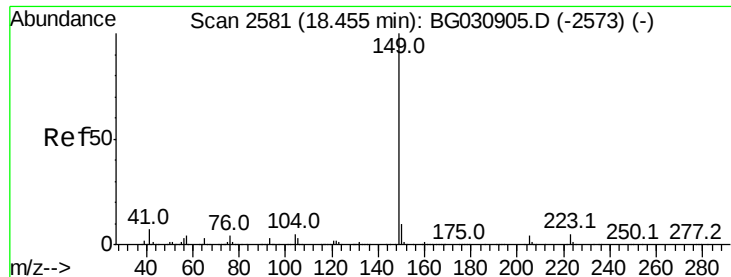
Tot Ion:178 Resp: 751101
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.0 24.0
 179 16.3 12.5 18.7



#72
 Carbazole
 Concen: 31.970 ng
 RT: 17.89 min Scan# 2486
 Delta R.T. 0.00 min
 Lab File: BG031408.D
 Acq: 7 Dec 2017 21:03

Tgt Ion:167 Resp: 718551
 Ion Ratio Lower Upper
 167 100
 166 23.4 18.2 27.4
 139 12.3 9.4 14.2

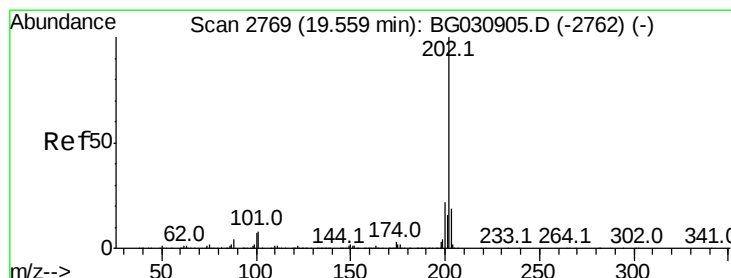
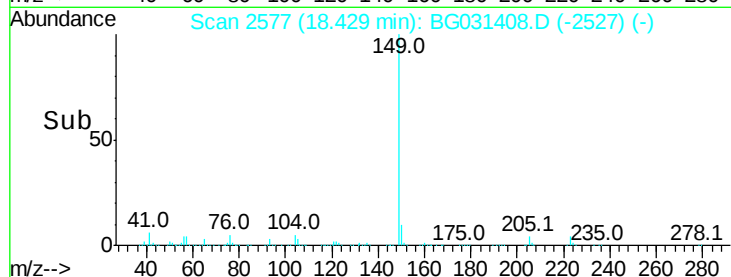
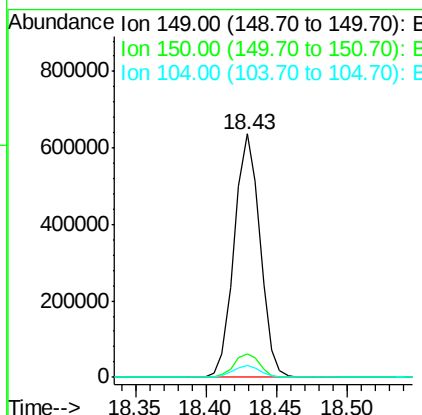
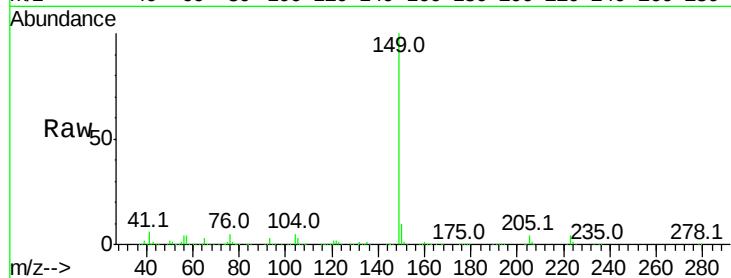




#73
Di-n-butylphthalate
Concen: 29.364 ng
RT: 18.43 min Scan# 2577
Delta R.T. -0.01 min
Lab File: BG031408.D
Acq: 7 Dec 2017 21:03

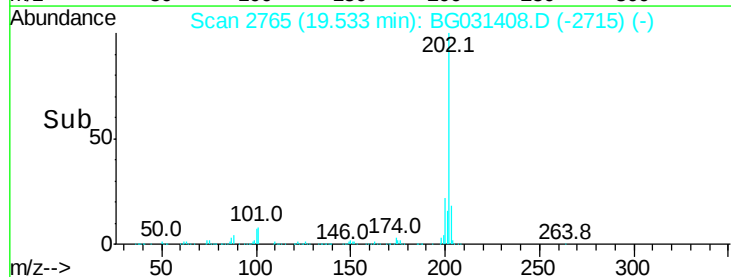
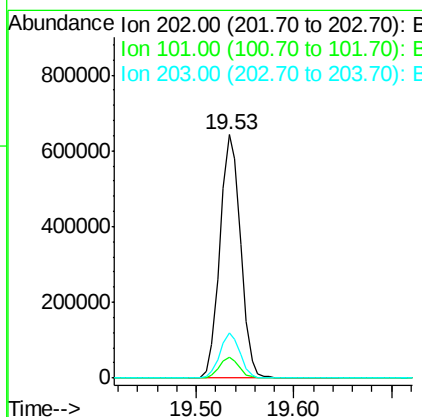
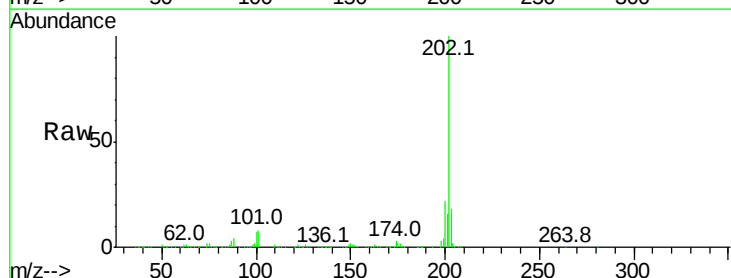
Instrument :
BNA_G
ClientSampleId :
SOIL-SB006BMSD

Tot Ion:149 Resp: 810341
Ion Ratio Lower Upper
149 100
150 9.9 7.8 11.6
104 4.8 3.9 5.9



#74
Fluoranthene
Concen: 31.069 ng
RT: 19.53 min Scan# 2765
Delta R.T. -0.01 min
Lab File: BG031408.D
Acq: 7 Dec 2017 21:03

Tgt Ion:202 Resp: 941731
Ion Ratio Lower Upper
202 100
101 8.4 0.0 28.9
203 18.5 0.0 37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG031408.D

Acq: 7 Dec 2017 21:03

Instrument :

BNA_G

ClientSampleId :

SOIL-SB006BMSD

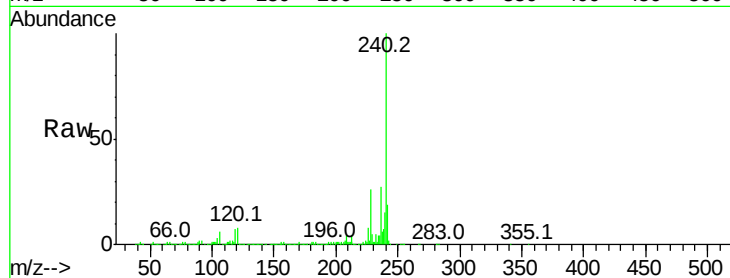
Tot Ion:240 Resp: 490699

Ion Ratio Lower Upper

240 100

120 8.0 6.8 10.2

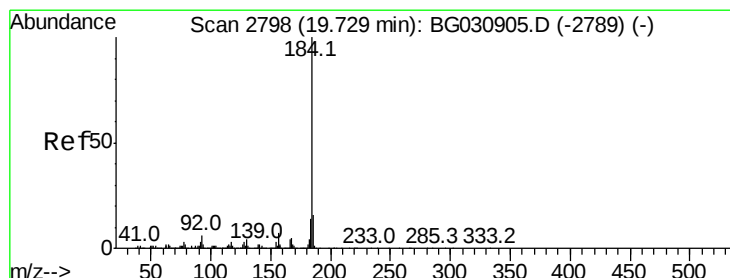
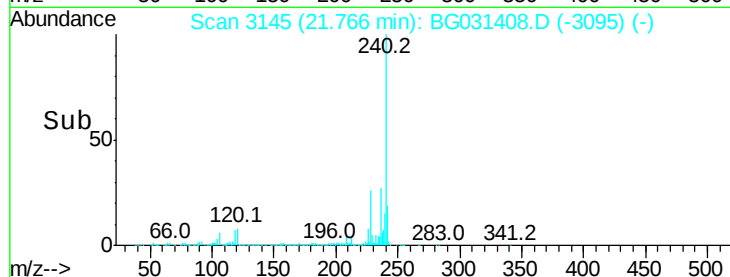
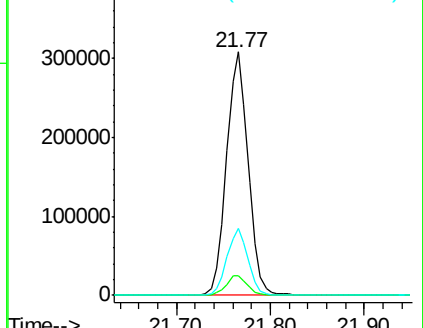
236 27.5 20.9 31.3



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: 31.092 ng

RT: 19.71 min Scan# 2795

Delta R.T. 0.00 min

Lab File: BG031408.D

Acq: 7 Dec 2017 21:03

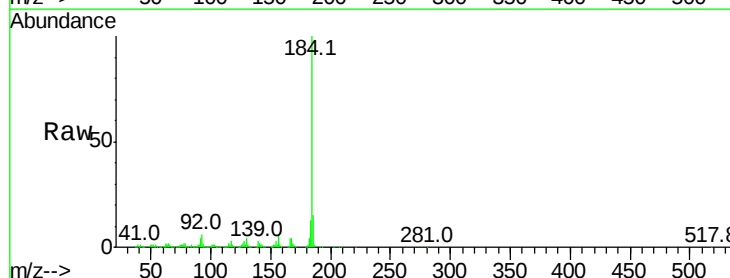
Tgt Ion:184 Resp: 490080

Ion Ratio Lower Upper

184 100

185 15.1 11.1 16.7

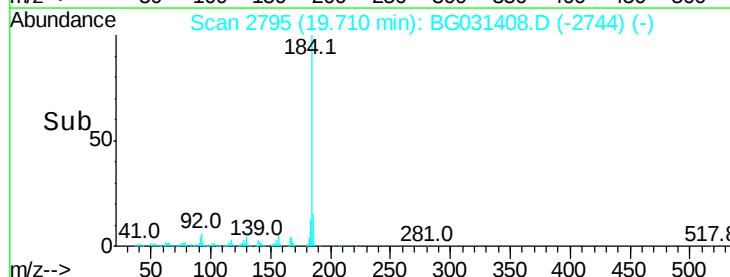
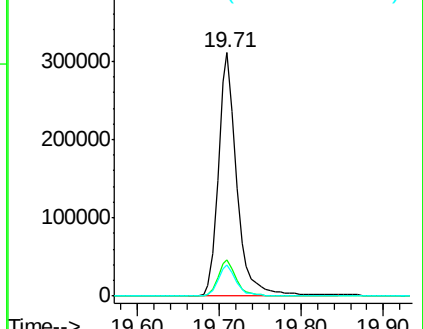
183 13.0 10.6 16.0



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

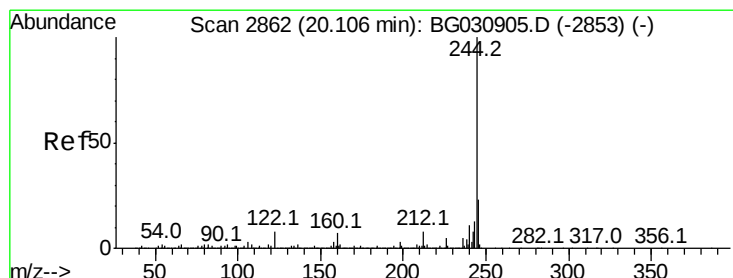
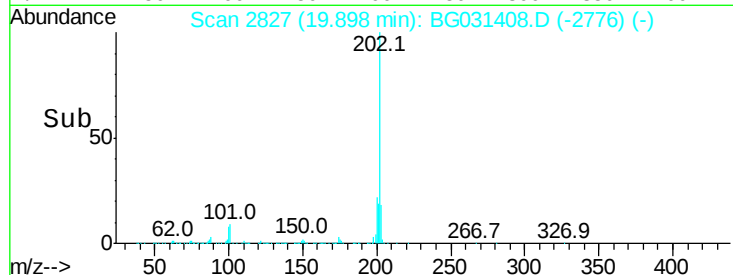
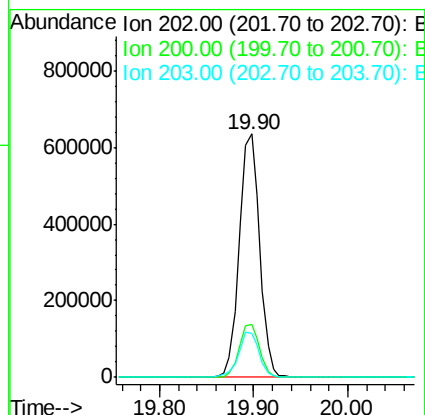
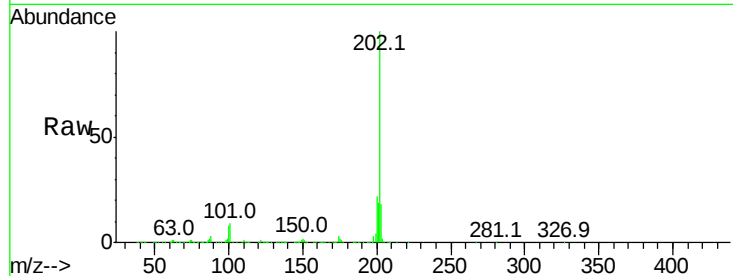




#77
Pvrene
Concen: 32.752 ng
RT: 19.90 min Scan# 2827
Delta R.T. 0.00 min
Lab File: BG031408.D
Acq: 7 Dec 2017 21:03

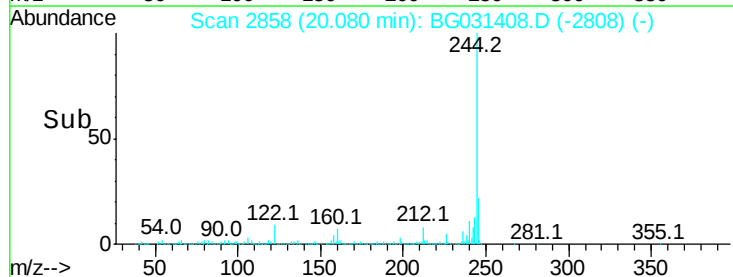
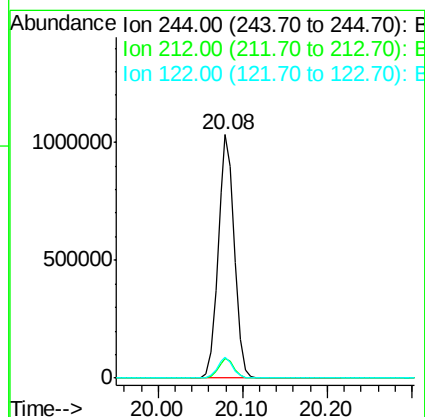
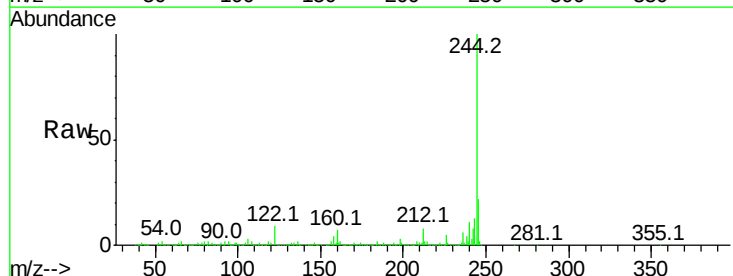
Instrument :
BNA_G
ClientSampleId :
SOIL-SB006BMSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.6	16.9	25.3
203	17.9	13.9	20.9



#78
Terphenyl-d14
Concen: 62.573 ng
RT: 20.08 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BG031408.D
Acq: 7 Dec 2017 21:03

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.2	5.8	8.8
122	8.7	7.0	10.4

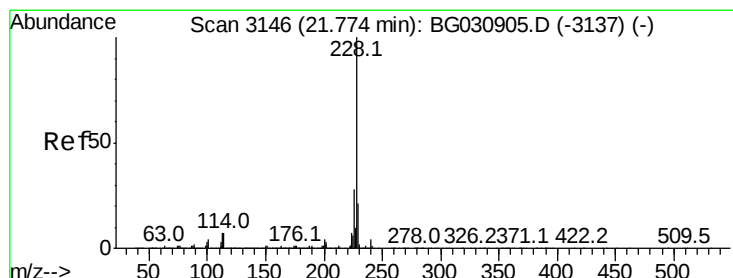
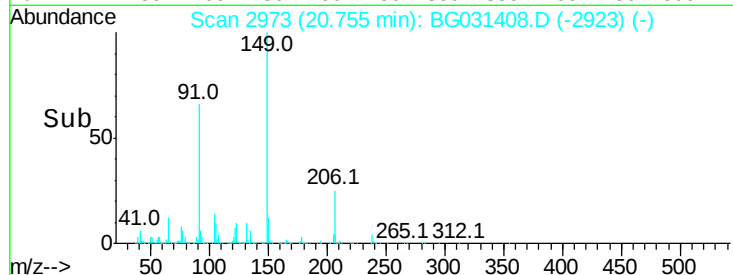
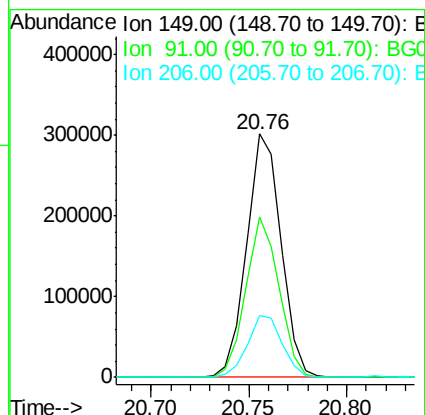
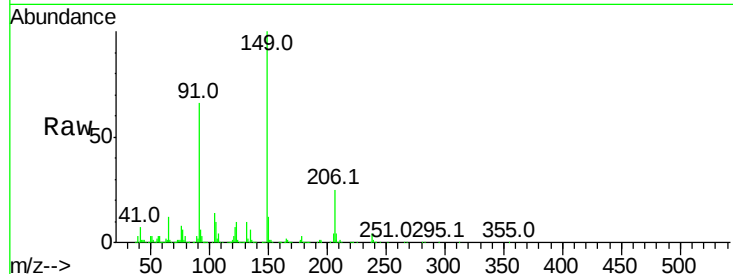




#79
Butylbenzylphthalate
Concen: 31.720 ng
RT: 20.76 min Scan# 2973
Delta R.T. -0.01 min
Lab File: BG031408.D
Acq: 7 Dec 2017 21:03

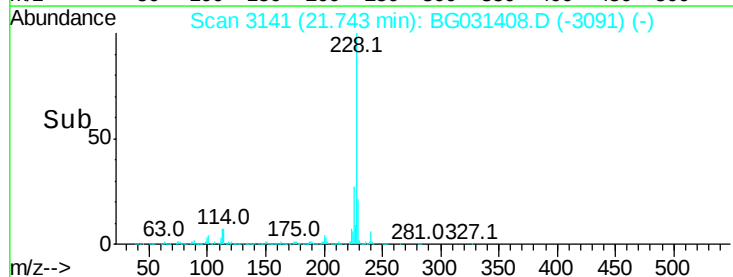
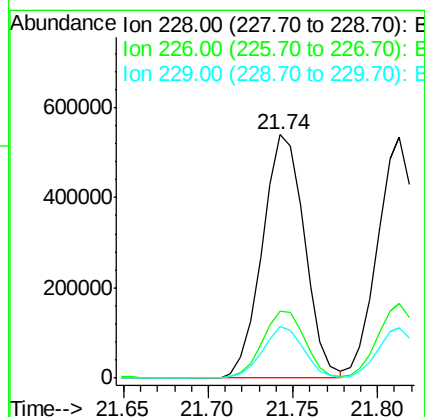
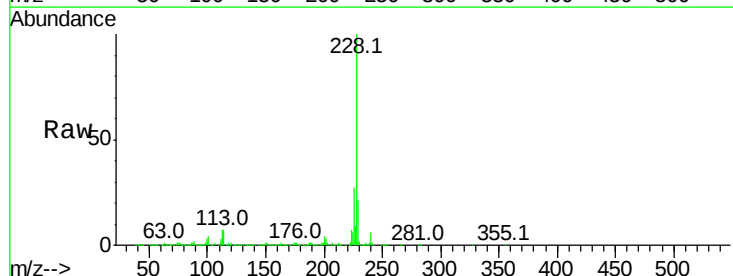
Instrument :
BNA_G
ClientSampleId :
SOIL-SB006BMSD

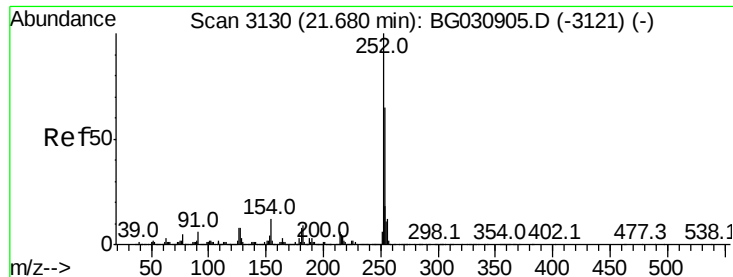
Tot Ion	Ratio	Lower	Upper
149	100		
91	66.1	62.2	93.2
206	25.2	18.6	27.8



#80
Benzo(a)anthracene
Concen: 30.609 ng
RT: 21.74 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG031408.D
Acq: 7 Dec 2017 21:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.7	34.1
229	21.1	16.2	24.2

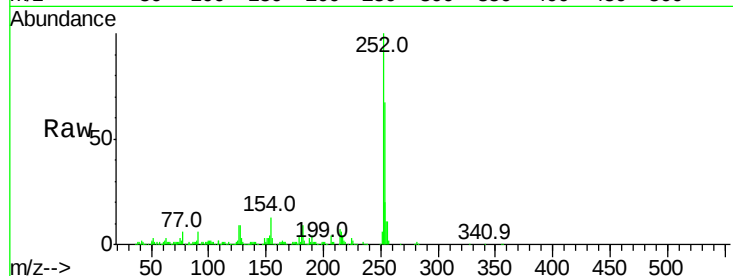




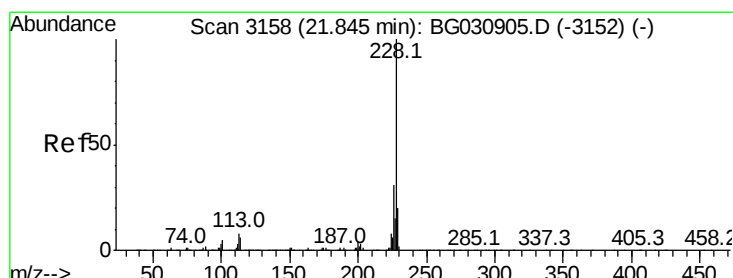
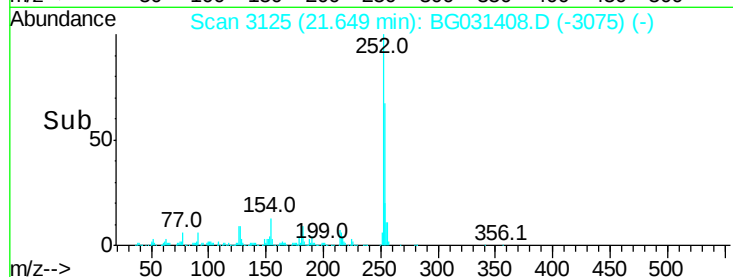
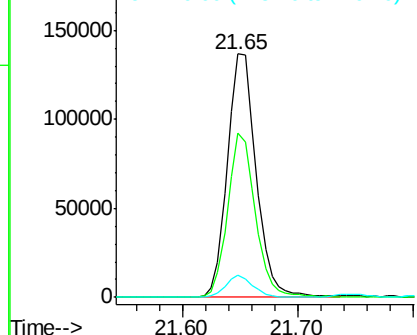
#81
 3,3'-Dichlorobenzidine
 Concen: 19.313 ng
 RT: 21.65 min Scan# 3125
 Delta R.T. -0.01 min
 Lab File: BG031408.D
 Acq: 7 Dec 2017 21:03

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-SB006BMSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	67.3	50.8	76.2
126	8.9	7.4	11.2

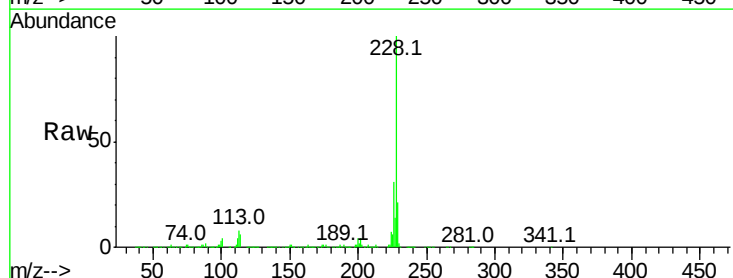


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

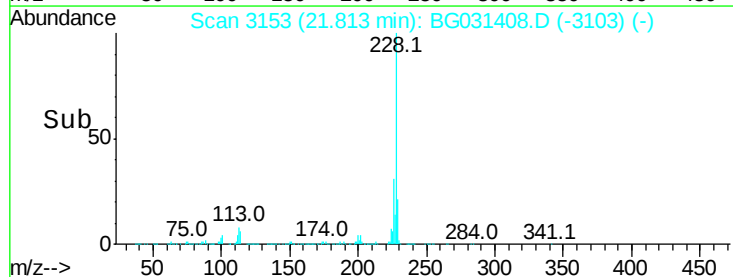
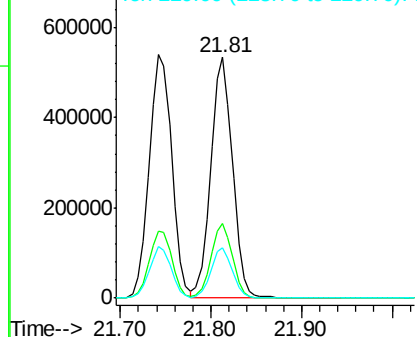


#82
 Chrysene
 Concen: 31.417 ng
 RT: 21.81 min Scan# 3153
 Delta R.T. -0.01 min
 Lab File: BG031408.D
 Acq: 7 Dec 2017 21:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.9	37.3
229	21.0	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: 31.806 ng

RT: 21.62 min Scan# 3120

Delta R.T. -0.01 min

Lab File: BG031408.D

Acq: 7 Dec 2017 21:03

Instrument :

BNA_G

ClientSampleId :

SOIL-SB006BMSD

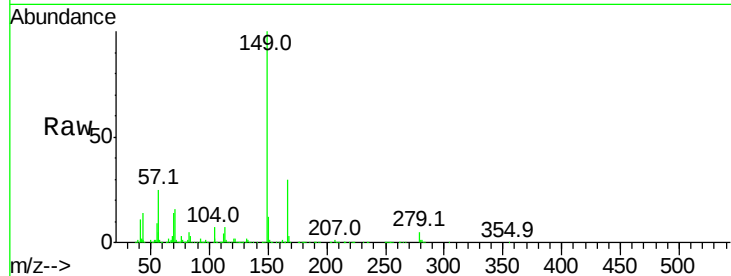
Tot Ion:149 Resp: 533024

Ion Ratio Lower Upper

149 100

167 29.7 24.3 36.5

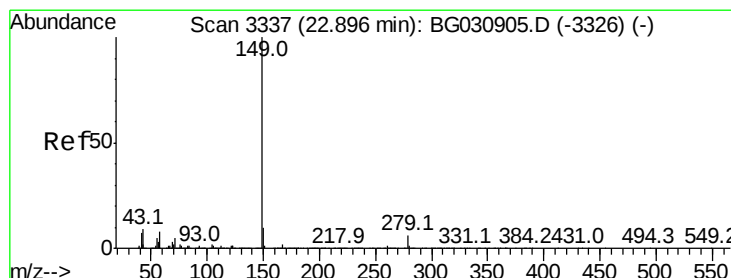
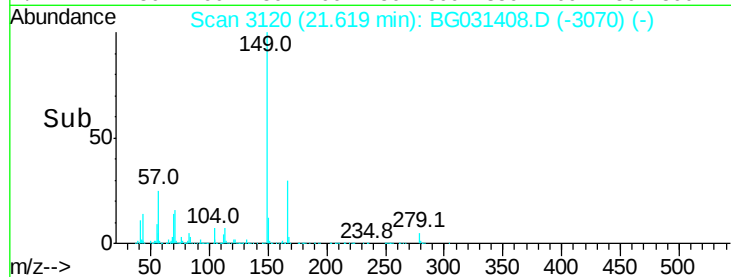
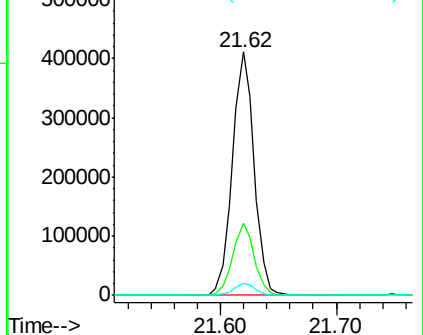
279 4.9 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 32.875 ng

RT: 22.85 min Scan# 3329

Delta R.T. -0.01 min

Lab File: BG031408.D

Acq: 7 Dec 2017 21:03

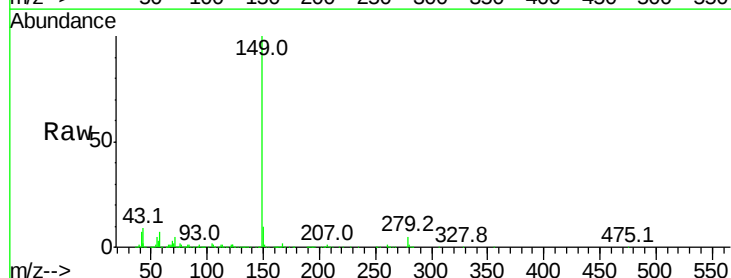
Tgt Ion:149 Resp: 896720

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

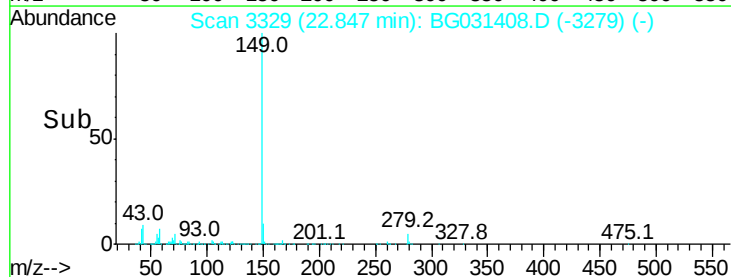
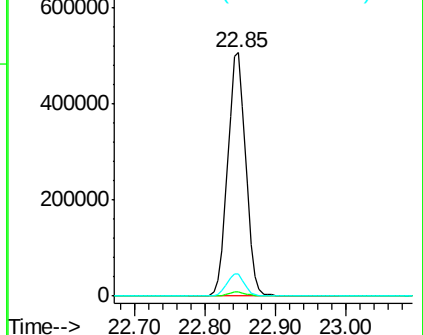
43 8.7 8.9 13.3#

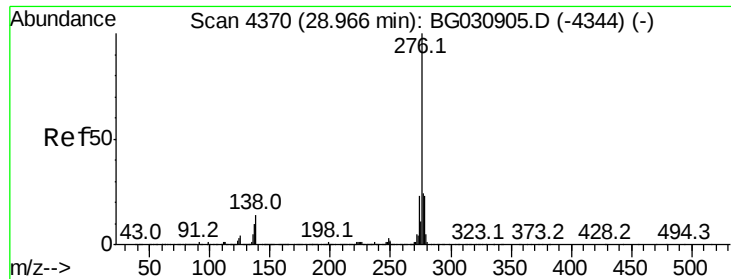


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG





#85

Indeno(1,2,3-cd)pyrene

Concen: 28.068 ng

RT: 28.85 min Scan# 4350

Delta R.T. -0.01 min

Lab File: BG031408.D

Acq: 7 Dec 2017 21:03

Instrument :

BNA_G

ClientSampleId :

SOIL-SB006BMSD

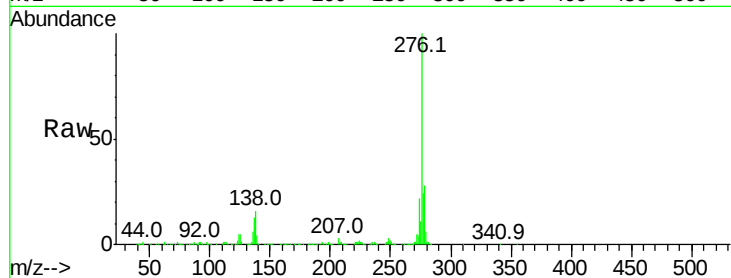
Tot Ion:276 Resp: 962099

Ion Ratio Lower Upper

276 100

138 19.9 16.0 24.0

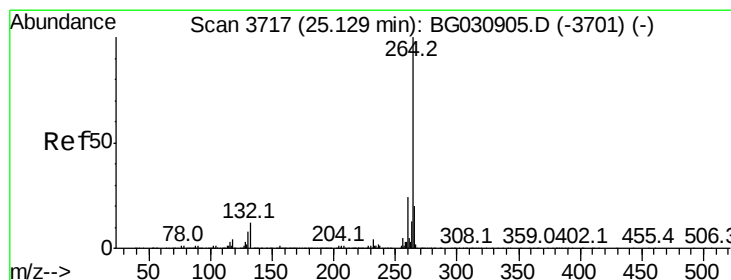
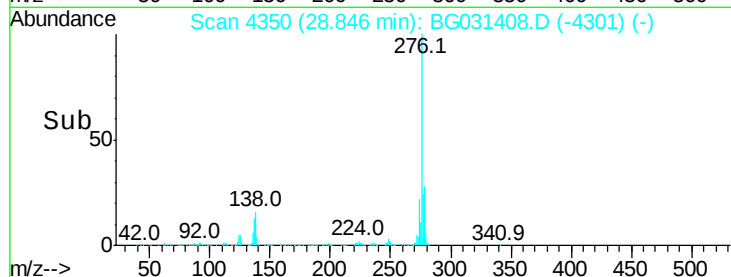
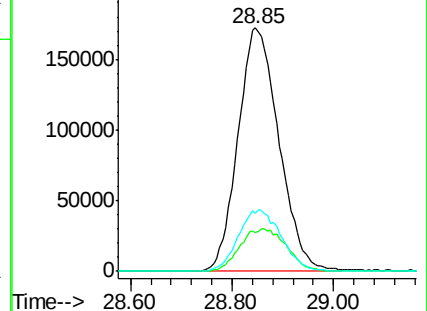
277 26.7 20.0 30.0



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: 25.06 min Scan# 3706

Delta R.T. -0.01 min

Lab File: BG031408.D

Acq: 7 Dec 2017 21:03

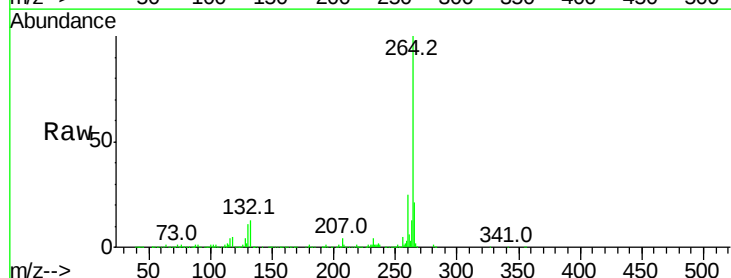
Tgt Ion:264 Resp: 491419

Ion Ratio Lower Upper

264 100

260 25.0 17.4 26.0

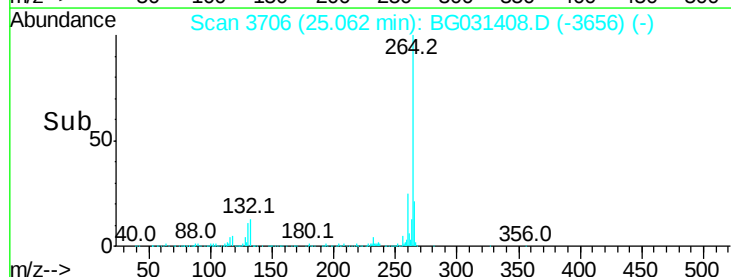
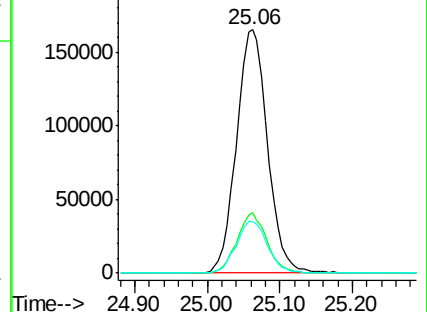
265 21.0 17.7 26.5

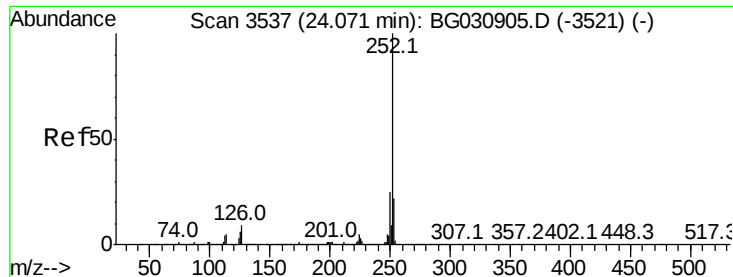


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

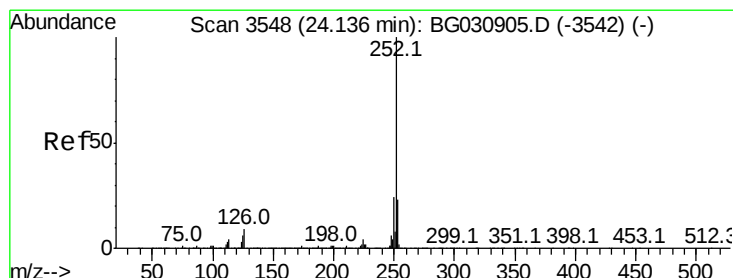
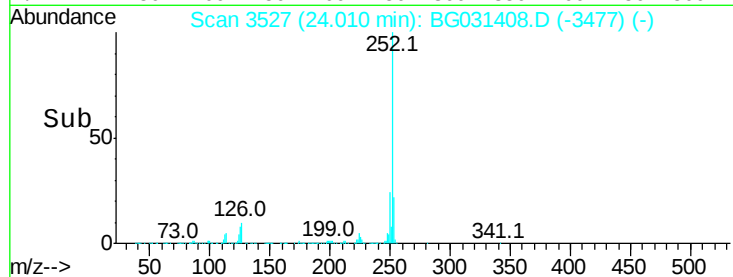
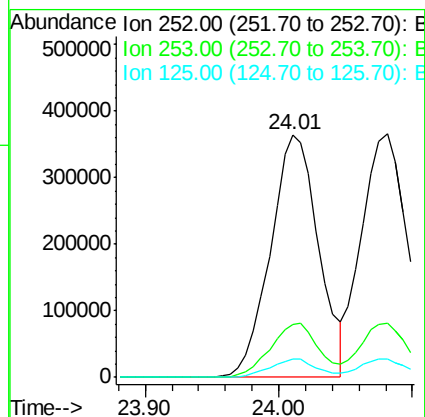
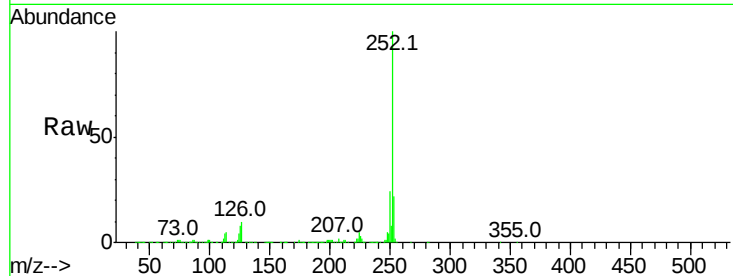




#87
Benzo(b)fluoranthene
Concen: 30.638 ng
RT: 24.01 min Scan# 3527
Delta R.T. -0.01 min
Lab File: BG031408.D
Acq: 7 Dec 2017 21:03

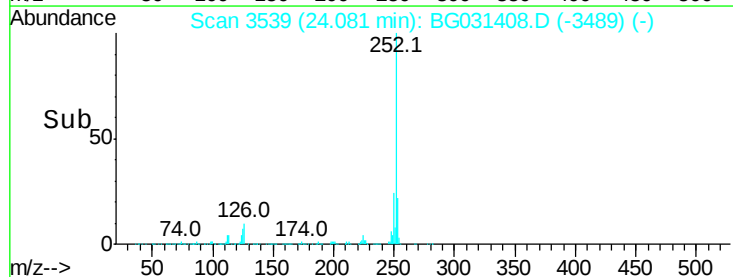
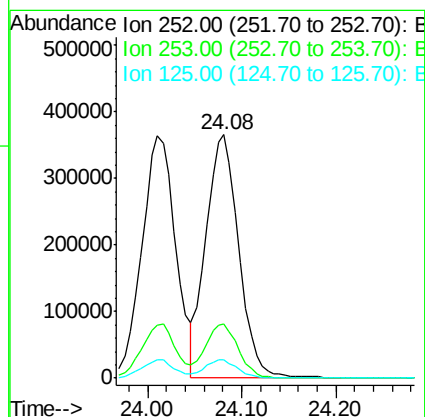
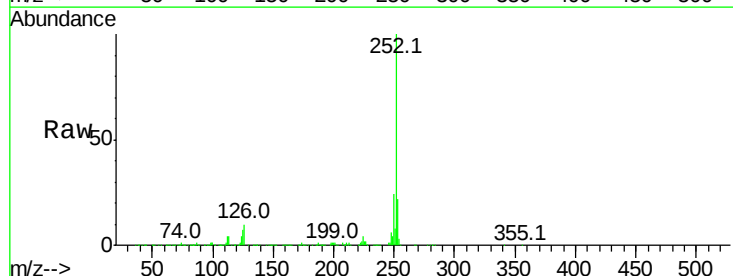
Instrument :
BNA_G
ClientSampleId :
SOIL-SB006BMSD

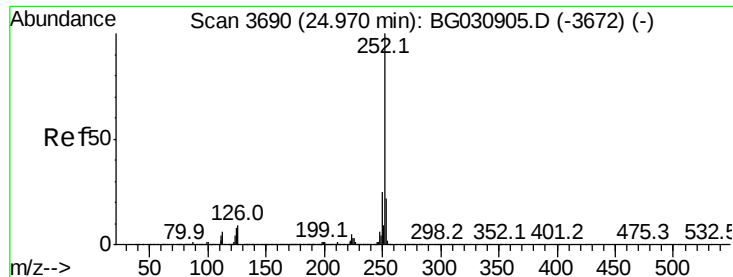
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.4
125	7.8	7.2	10.8



#88
Benzo(k)fluoranthene
Concen: 30.087 ng
RT: 24.08 min Scan# 3539
Delta R.T. -0.01 min
Lab File: BG031408.D
Acq: 7 Dec 2017 21:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.2
125	7.4	6.6	9.8





#89

Benzo(a)pyrene

Concen: 30.728 ng

RT: 24.91 min Scan# 3680

Delta R.T. -0.01 min

Lab File: BG031408.D

Acq: 7 Dec 2017 21:03

Instrument :

BNA_G

ClientSampleId :

SOIL-SB006BMSD

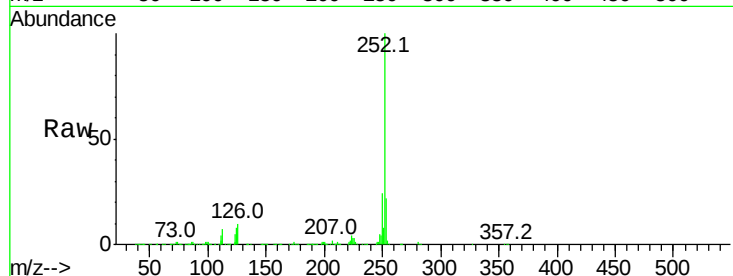
Tot Ion:252 Resp: 867744

Ion Ratio Lower Upper

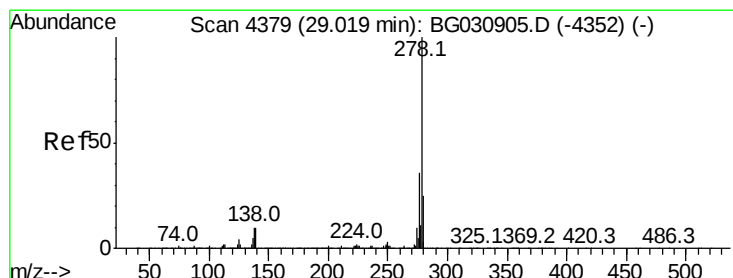
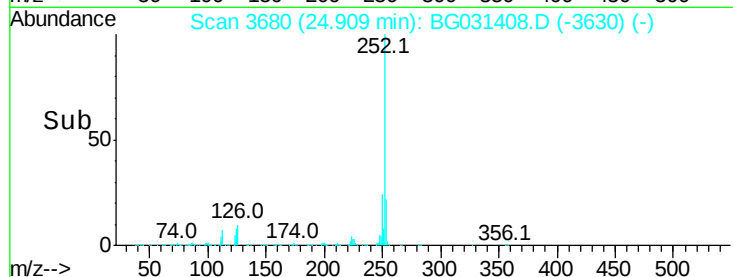
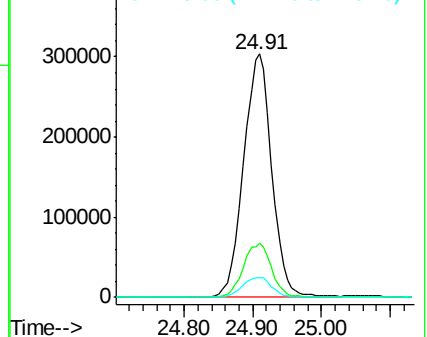
252 100

253 22.3 18.3 27.5

125 8.0 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: 28.294 ng

RT: 28.89 min Scan# 4358

Delta R.T. -0.02 min

Lab File: BG031408.D

Acq: 7 Dec 2017 21:03

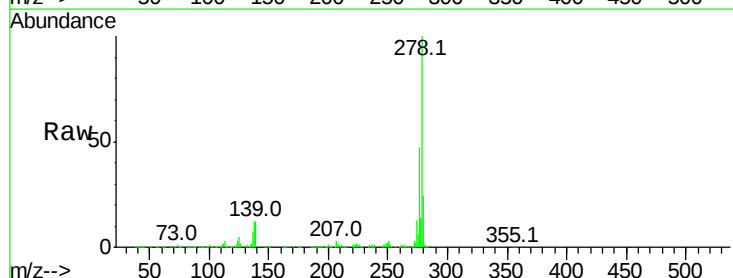
Tgt Ion:278 Resp: 816668

Ion Ratio Lower Upper

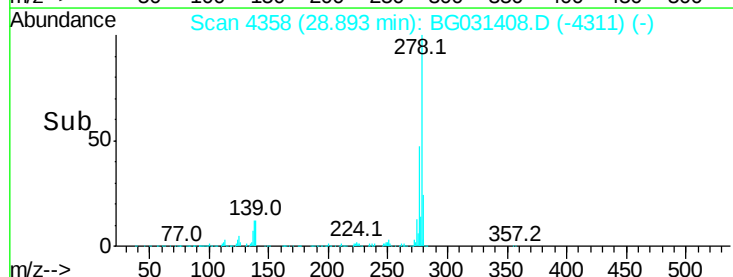
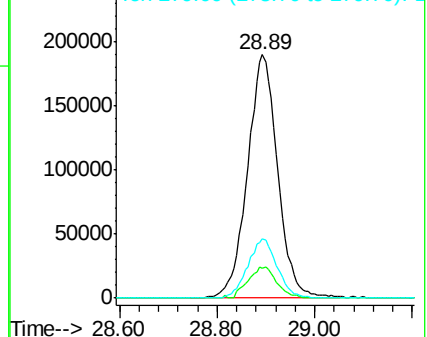
278 100

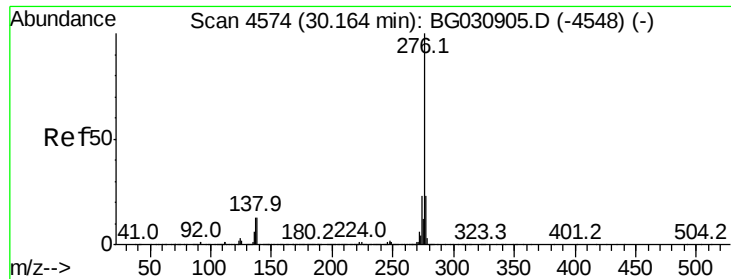
139 12.1 9.8 14.6

279 24.4 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

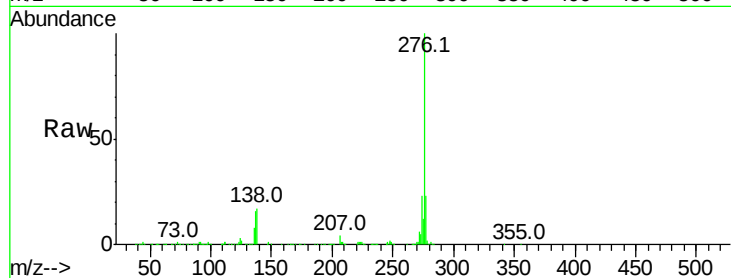




#91
 Benzo(a,h,i)perylene
 Concen: 28.250 ng
 RT: 30.03 min Scan# 4551
 Delta R.T. -0.02 min
 Lab File: BG031408.D
 Acq: 7 Dec 2017 21:03

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-SB006BMSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.5	18.3	27.5
138	17.1	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

