

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG120417\
 Data File : BG031367.D
 Acq On : 5 Dec 2017 4:01
 Operator : SJ/JU
 Sample : IDOC-SOIL-3
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-SOIL-3

Quant Time: Dec 05 06:38:36 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	56745	20.00	ng	-0.03
21) Naphthalene-d8	10.94	136	261657	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	184461	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	472793	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	501655	20.00	ng	-0.02
86) Perylene-d12	25.06	264	509901	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.68	112	538350	162.68	ng	-0.02
7) Phenol-d6	7.29	99	715581	160.51	ng	-0.01
23) Nitrobenzene-d5	9.30	82	424119	96.05	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	368486	123.49	ng	-0.02
44) 2-Fluorobiphenyl	13.38	172	1251087	97.46	ng	-0.02
78) Terphenyl-d14	20.08	244	2153591	94.79	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	56128	41.796	ng	# 81
3) Pyridine	3.95	79	50813	13.033	ng	# 89
4) n-Nitrosodimethylamine	3.86	42	82022	44.391	ng	# 89
6) Aniline	7.45	93	176349	30.057	ng	# 94
8) 2-Chlorophenol	7.69	128	207980	56.951	ng	# 88
9) Benzaldehyde	7.27	77	78338	25.110	ng	# 87
10) Phenol	7.32	94	273035	58.973	ng	# 92
11) bis(2-Chloroethyl)ether	7.54	93	188109	50.885	ng	# 88
12) 1,3-Dichlorobenzene	8.16	146	222290	51.881	ng	# 95
13) 1,4-Dichlorobenzene	8.16	146	222290	51.197	ng	# 93
14) 1,2-Dichlorobenzene	8.48	146	212992	51.110	ng	# 96
15) Benzyl Alcohol	8.37	79	176310	49.303	ng	# 90
16) 2,2'-oxybis(1-Chloropropan	8.65	45	276398	67.690	ng	# 93
17) 2-Methylphenol	8.58	107	184591	57.254	ng	# 97
18) Hexachloroethane	9.21	117	78168	51.728	ng	# 94
19) n-Nitroso-di-n-propylamine	8.93	70	155201	45.785	ng	# 94
20) 3+4-Methylphenols	8.90	107	258897	56.473	ng	# 95
22) Acetophenone	8.95	105	303839	46.637	ng	# 91
24) Nitrobenzene	9.34	77	230045	51.001	ng	# 91
25) Isophorone	9.86	82	448464	52.076	ng	# 92
26) 2-Nitrophenol	10.06	139	131445	55.907	ng	# 86
27) 2,4-Dimethylphenol	10.11	122	211895	60.707	ng	# 92
28) bis(2-Chloroethoxy)methane	10.33	93	279486	51.529	ng	# 98
29) 2,4-Dichlorophenol	10.60	162	245405	58.549	ng	# 92
30) 1,2,4-Trichlorobenzene	10.80	180	260989	52.155	ng	# 98
31) Naphthalene	10.99	128	661001	51.388	ng	# 99
32) Benzoic acid	10.24	122	29677	14.666	ng	# 86
33) 4-Chloroaniline	11.11	127	146199	25.964	ng	# 94
34) Hexachlorobutadiene	11.27	225	166065	47.851	ng	# 97
35) Caprolactam	11.88	113	38380	22.415	ng	# 69
36) 4-Chloro-3-methylphenol	12.23	107	249163	54.619	ng	# 84
37) 2-Methylnaphthalene	12.59	142	528089	53.183	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	326608	44.612	ng	# 96
40) Hexachlorocyclopentadiene	12.93	237	288063	102.872	ng	# 91

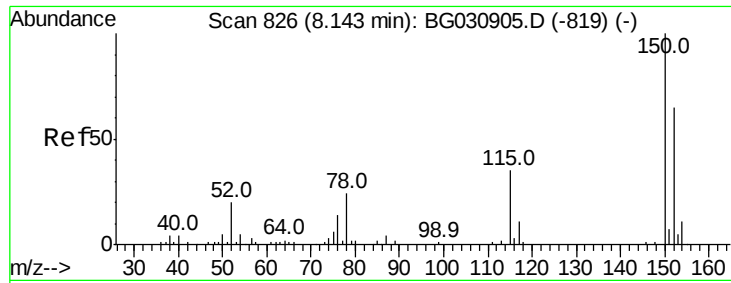
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG120417\
 Data File : BG031367.D
 Acq On : 5 Dec 2017 4:01
 Operator : SJ/JU
 Sample : IDOC-SOIL-3
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-SOIL-3

Quant Time: Dec 05 06:38:36 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.19	196	221652	52.960	ng	97
43) 2,4,5-Trichlorophenol	13.28	196	244179	53.323	ng	# 93
45) 1,1'-Biphenyl	13.58	154	697197	45.580	ng	96
46) 2-Chloronaphthalene	13.63	162	581516	52.691	ng	95
47) 2-Nitroaniline	13.84	65	163101	49.861	ng	# 76
48) Acenaphthylene	14.47	152	877877	48.600	ng	99
49) Dimethylphthalate	14.20	163	873127	54.744	ng	98
50) 2,6-Dinitrotoluene	14.33	165	181155	55.106	ng	# 74
51) Acenaphthene	14.82	154	554867	49.186	ng	98
52) 3-Nitroaniline	14.66	138	130974	37.522	ng	# 75
53) 2,4-Dinitrophenol	14.88	184	182781	99.521	ng	# 46
54) Dibenzofuran	15.15	168	911724	50.739	ng	100
55) 4-Nitrophenol	14.99	139	251139	101.002	ng	# 77
56) 2,4-Dinitrotoluene	15.12	165	260151	54.740	ng	# 72
57) Fluorene	15.80	166	725023	49.699	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.38	232	239778	54.940	ng	# 89
59) Diethylphthalate	15.55	149	778637	48.061	ng	96
60) 4-Chlorophenyl-phenylether	15.78	204	439203	49.850	ng	91
61) 4-Nitroaniline	15.83	138	189349	51.228	ng	86
62) Azobenzene	16.07	77	617046	49.941	ng	92
64) 4,6-Dinitro-2-methylphenol	15.88	198	146890	46.741	ng	78
65) n-Nitrosodiphenylamine	16.00	169	685954	47.879	ng	99
66) 4-Bromophenyl-phenylether	16.67	248	294947	49.255	ng	97
67) Hexachlorobenzene	16.80	284	299305	47.041	ng	96
68) Atrazine	16.94	200	291610	49.332	ng	98
69) Pentachlorophenol	17.15	266	299660	85.200	ng	98
70) Phenanthrene	17.54	178	1236581	50.233	ng	98
71) Anthracene	17.62	178	1269084	51.450	ng	98
72) Carbazole	17.89	167	1159471	50.167	ng	99
73) Di-n-butylphthalate	18.43	149	1344391	47.375	ng	99
74) Fluoranthene	19.53	202	1588037	50.950	ng	97
76) Benzidine	19.71	184	206326	12.804	ng	98
77) Pyrene	19.90	202	1612189	54.158	ng	96
79) Butylbenzylphthalate	20.76	149	628148	52.923	ng	86
80) Benzo(a)anthracene	21.74	228	1591318	51.068	ng	97
81) 3,3'-Dichlorobenzidine	21.65	252	436123	34.672	ng	99
82) Chrysene	21.81	228	1513347	52.501	ng	95
83) Bis(2-ethylhexyl)phthalate	21.62	149	872979	50.953	ng	100
84) Di-n-octyl phthalate	22.84	149	1469481	52.696	ng	# 93
85) Indeno(1,2,3-cd)pyrene	28.86	276	1796359	51.263	ng	99
87) Benzo(b)fluoranthene	24.01	252	1612163	52.269	ng	99
88) Benzo(k)fluoranthene	24.08	252	1563209	51.131	ng	98
89) Benzo(a)pyrene	24.91	252	1566609	53.466	ng	99
90) Dibenzo(a,h)anthracene	28.90	278	1513145	50.524	ng	99
91) Benzo(g,h,i)perylene	30.04	276	1477618	50.834	ng	98

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

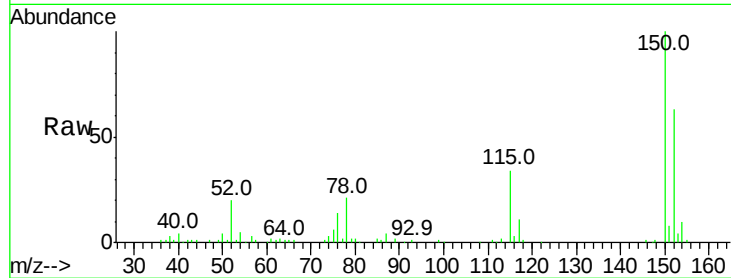


#1

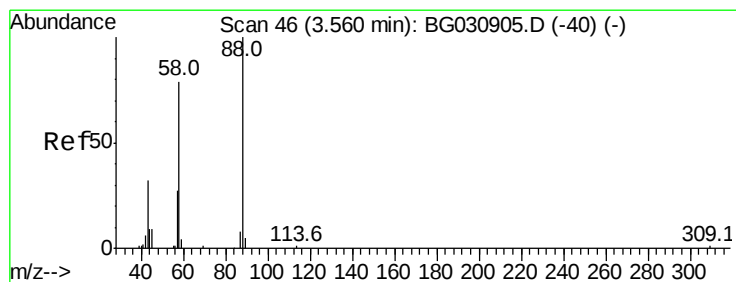
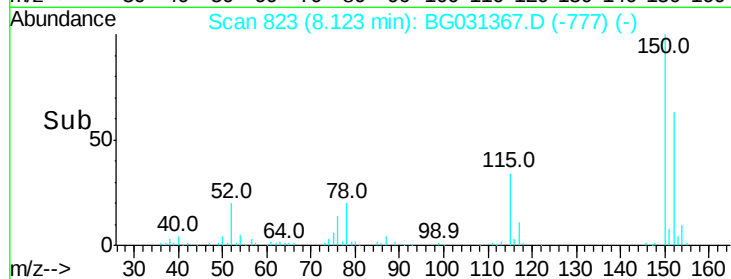
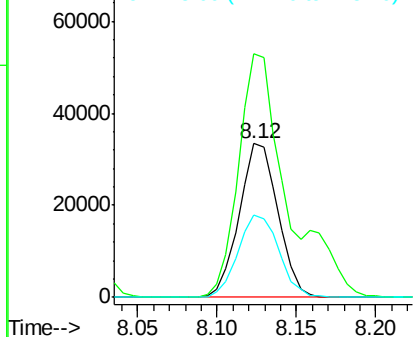
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 823
Delta R.T. -0.03 min
Lab File: BG031367.D
Acq: 5 Dec 2017 4:01

Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-3

Tot Ion:152 Resp: 56745
Ion Ratio Lower Upper
152 100
150 158.6 126.6 189.8
115 53.2 53.0 79.4



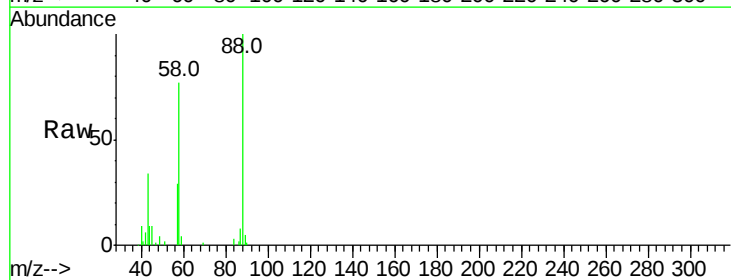
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



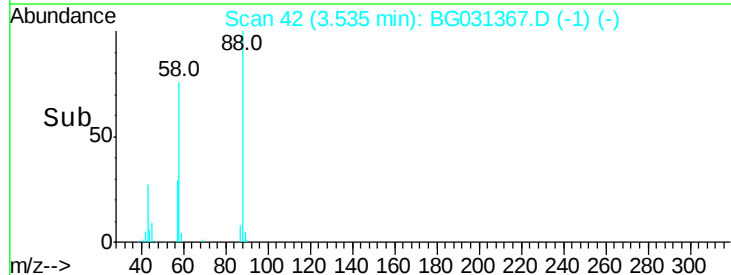
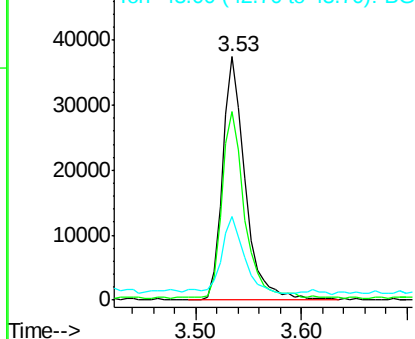
#2

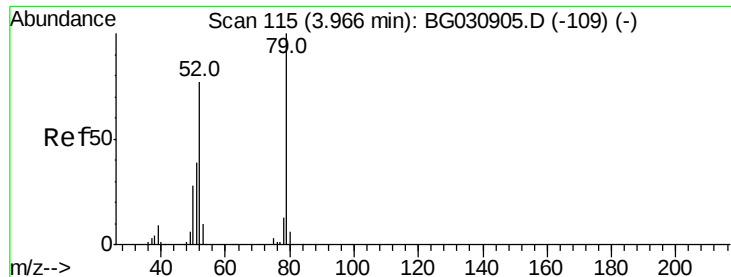
1,4-Dioxane
Concen: 41.796 ng
RT: 3.53 min Scan# 42
Delta R.T. -0.04 min
Lab File: BG031367.D
Acq: 5 Dec 2017 4:01

Tgt Ion: 88 Resp: 56128
Ion Ratio Lower Upper
88 100
58 75.2 79.6 119.4#
43 31.8 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: 13.033 ng

RT: 3.95 min Scan# 112

Delta R.T. -0.03 min

Lab File: BG031367.D

Acq: 5 Dec 2017 4:01

Instrument :

BNA_G

ClientSampleId :

IDOC-SOIL-3

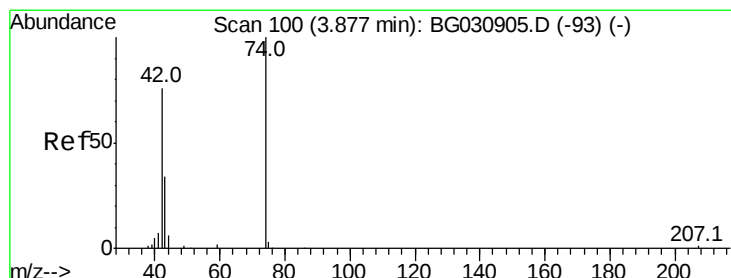
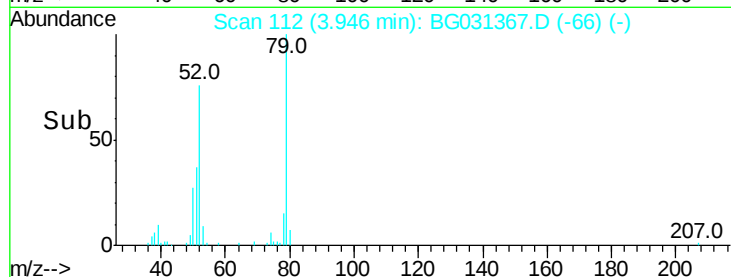
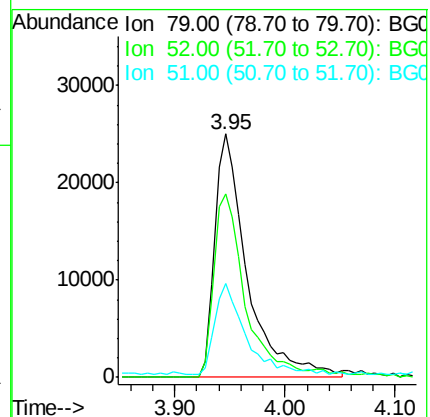
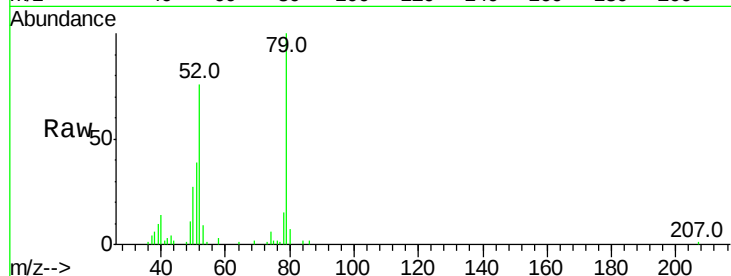
Tot Ion: 79 Resp: 50813

Ion Ratio Lower Upper

79 100

52 75.5 69.9 104.9

51 38.7 34.0 51.0



#4

n-Nitrosodimethylamine

Concen: 44.391 ng

RT: 3.86 min Scan# 97

Delta R.T. -0.03 min

Lab File: BG031367.D

Acq: 5 Dec 2017 4:01

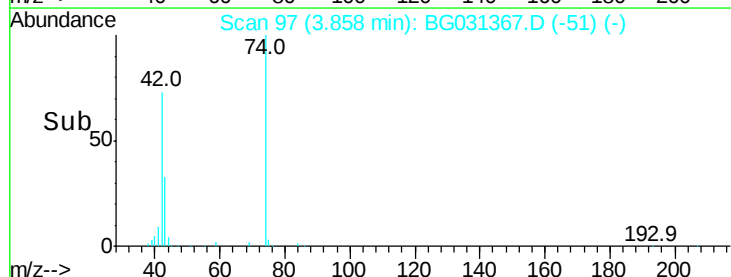
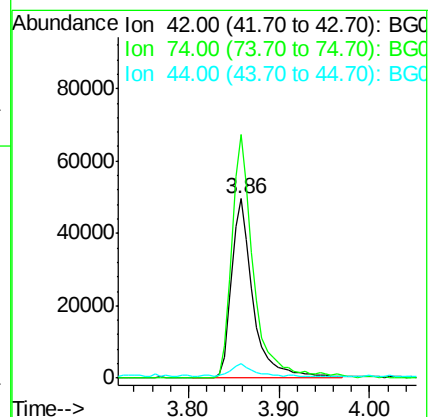
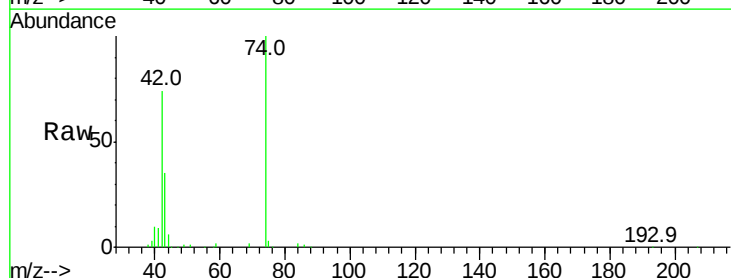
Tgt Ion: 42 Resp: 82022

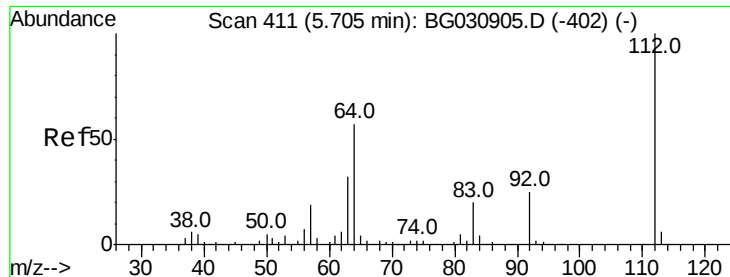
Ion Ratio Lower Upper

42 100

74 135.8 102.5 153.7

44 7.8 18.9 28.3#





#5

2-Fluorophenol

Concen: 162.682 ng

RT: 5.68 min Scan# 408

Delta R.T. -0.02 min

Lab File: BG031367.D

Acq: 5 Dec 2017 4:01

Instrument :

BNA_G

ClientSampleId :

IDOC-SOIL-3

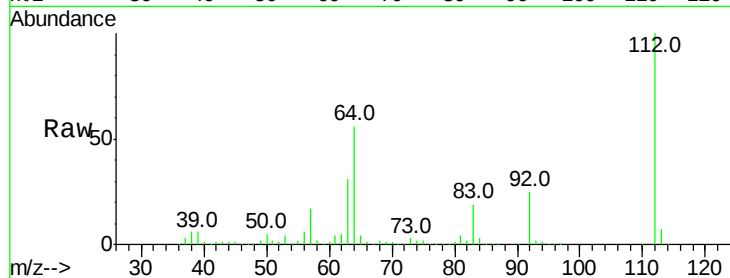
Tot Ion:112 Resp: 538350

Ion Ratio Lower Upper

112 100

64 55.6 56.3 84.5#

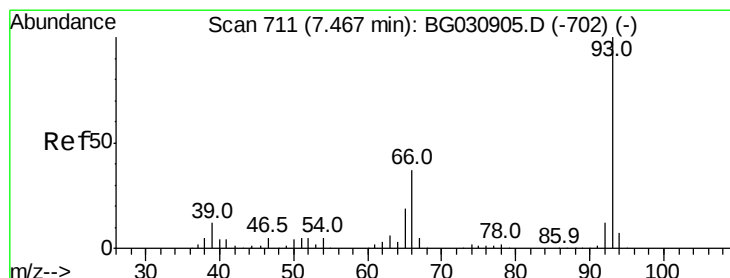
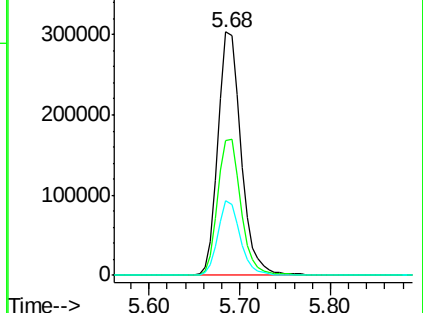
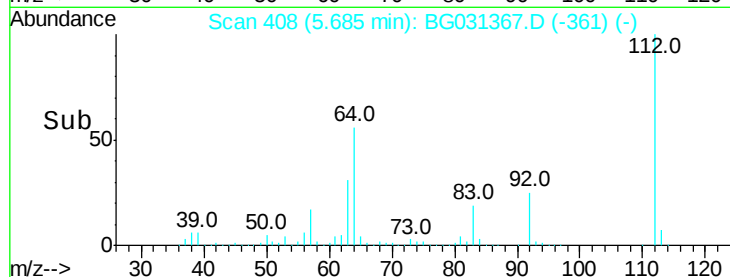
63 30.6 30.1 45.1



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: 30.057 ng

RT: 7.45 min Scan# 708

Delta R.T. -0.02 min

Lab File: BG031367.D

Acq: 5 Dec 2017 4:01

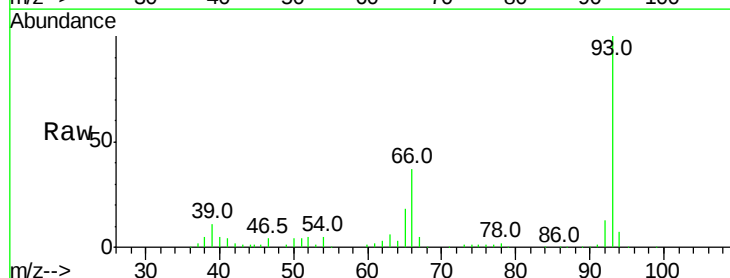
Tgt Ion: 93 Resp: 176349

Ion Ratio Lower Upper

93 100

66 37.4 33.7 50.5

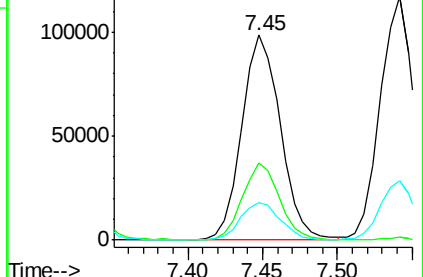
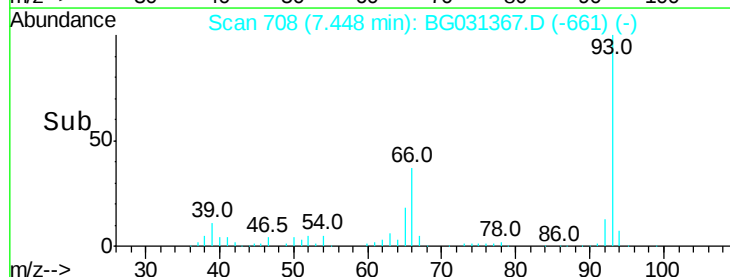
65 18.3 16.1 24.1

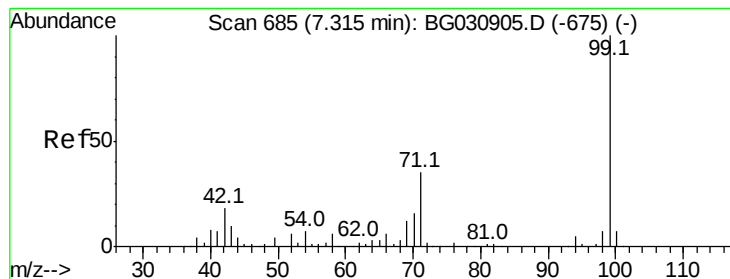


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 160.508 ng

RT: 7.29 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG031367.D

Acq: 5 Dec 2017 4:01

Instrument :

BNA_G

ClientSampled :

IDOC-SOIL-3

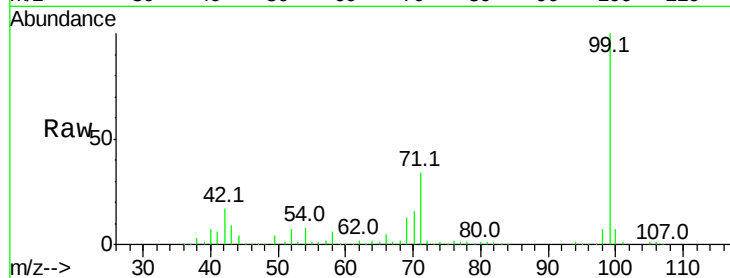
Tot Ion: 99 Resp: 715581

Ion Ratio Lower Upper

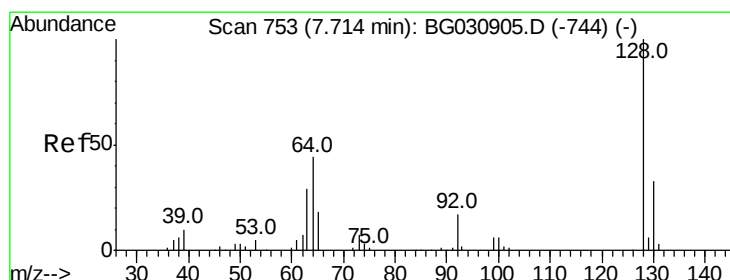
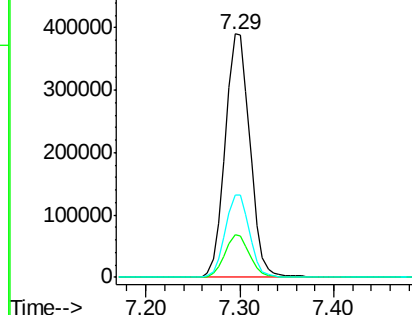
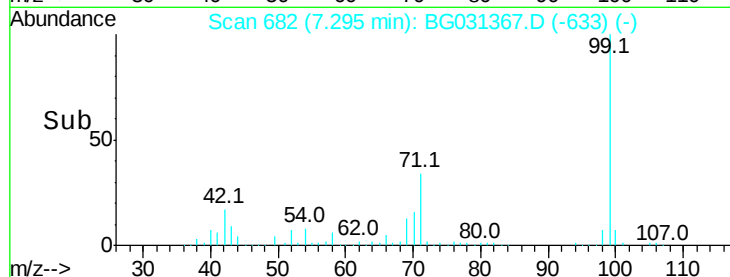
99 100

42 17.4 14.1 21.1

71 33.7 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: 56.951 ng

RT: 7.69 min Scan# 750

Delta R.T. -0.02 min

Lab File: BG031367.D

Acq: 5 Dec 2017 4:01

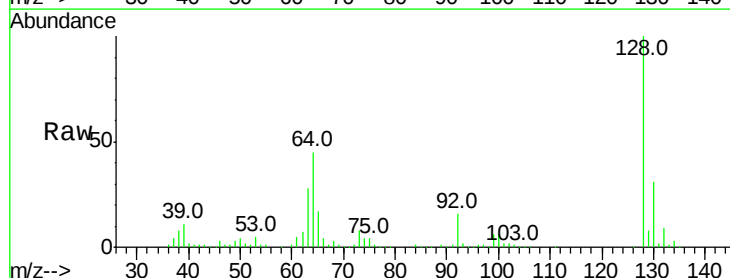
Tgt Ion:128 Resp: 207980

Ion Ratio Lower Upper

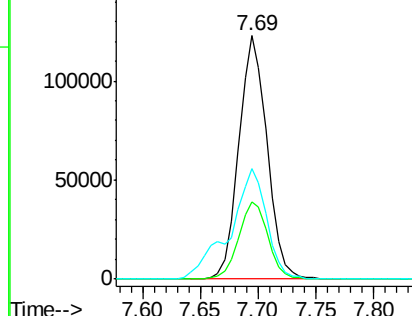
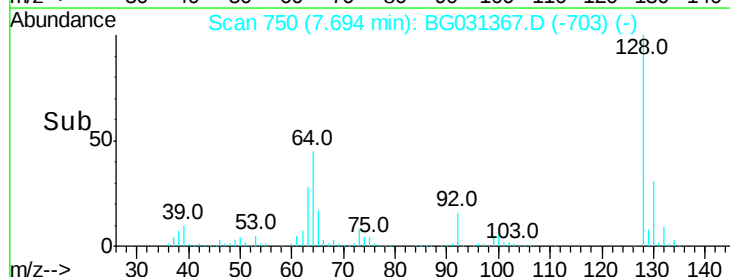
128 100

130 31.5 14.0 54.0

64 45.5 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

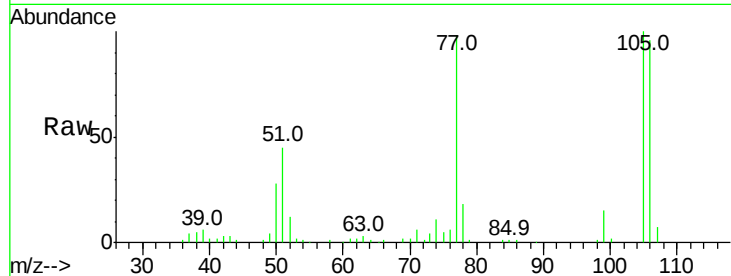




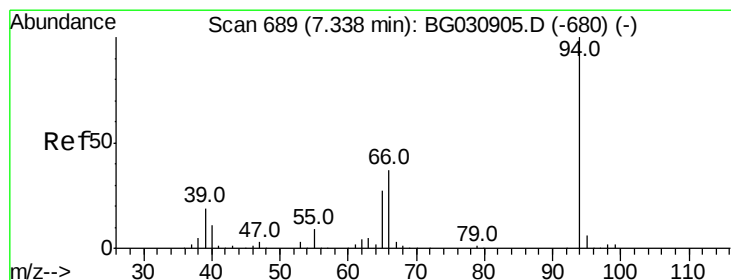
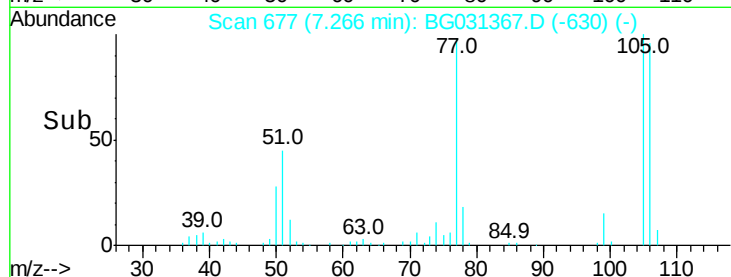
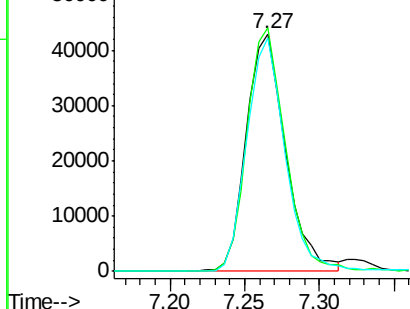
#9
Benzaldehyde
Concen: 25.110 ng
RT: 7.27 min Scan# 677
Delta R.T. -0.02 min
Lab File: BG031367.D
Acq: 5 Dec 2017 4:01

Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-3

Tot Ion: 77 Resp: 78338
Ion Ratio Lower Upper
77 100
105 102.5 71.3 111.3
106 98.1 64.2 104.2

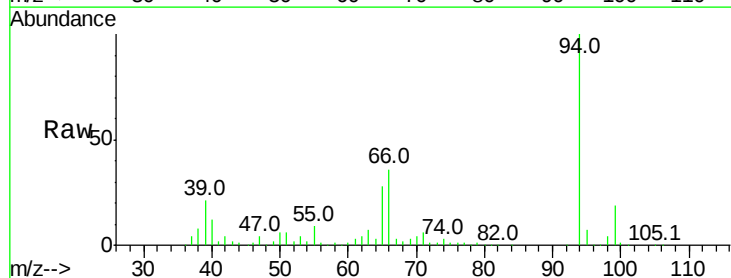


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC

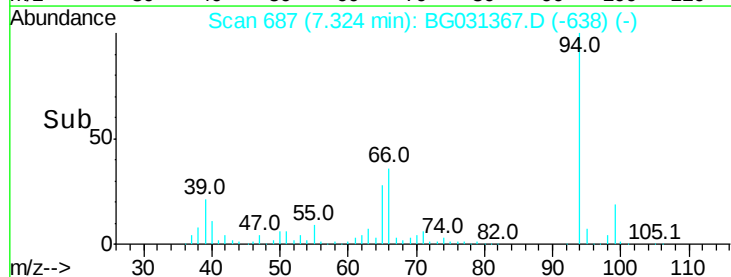
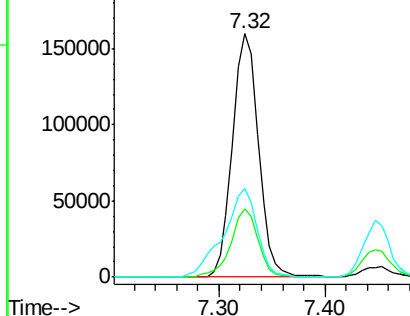


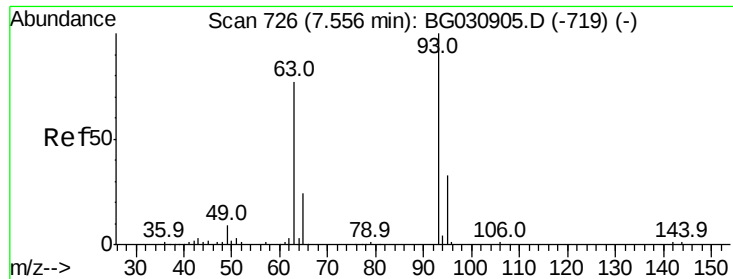
#10
Phenol
Concen: 58.973 ng
RT: 7.32 min Scan# 687
Delta R.T. -0.01 min
Lab File: BG031367.D
Acq: 5 Dec 2017 4:01

Tgt Ion: 94 Resp: 273035
Ion Ratio Lower Upper
94 100
65 28.2 11.9 51.9
66 36.5 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 50.885 ng

RT: 7.54 min Scan# 724

Delta R.T. -0.02 min

Lab File: BG031367.D

Acq: 5 Dec 2017 4:01

Instrument :

BNA_G

ClientSampleId :

IDOC-SOIL-3

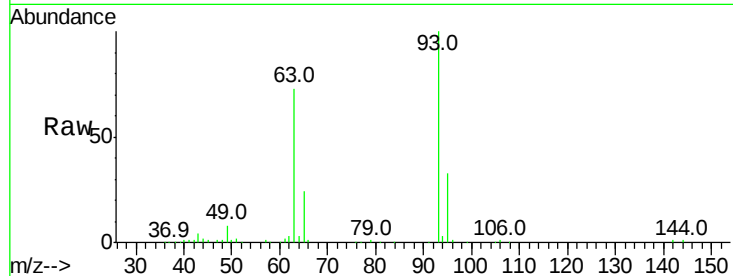
Tot Ion: 93 Resp: 188109

Ion Ratio Lower Upper

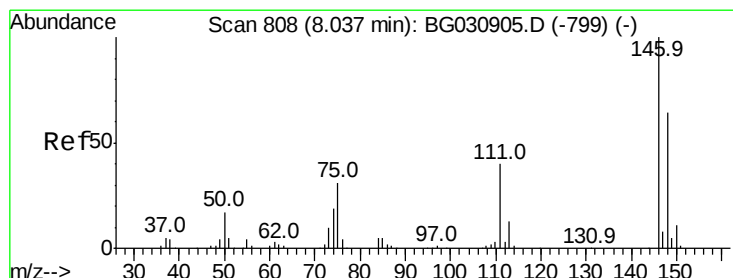
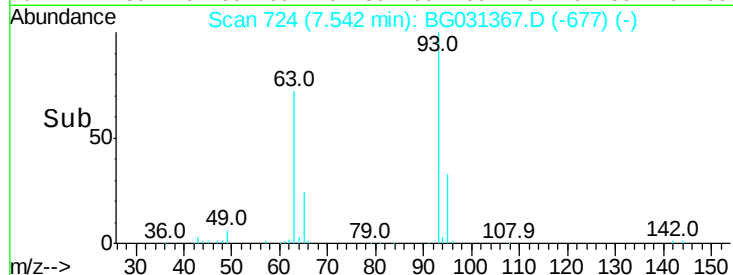
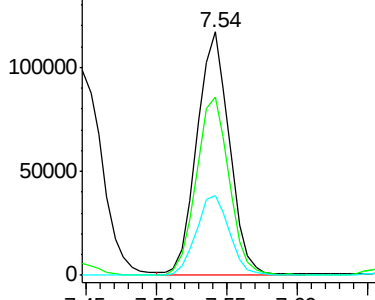
93 100

63 73.0 67.1 107.1

95 32.7 11.5 51.5



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 51.881 ng

RT: 8.16 min Scan# 830

Delta R.T. 0.12 min

Lab File: BG031367.D

Acq: 5 Dec 2017 4:01

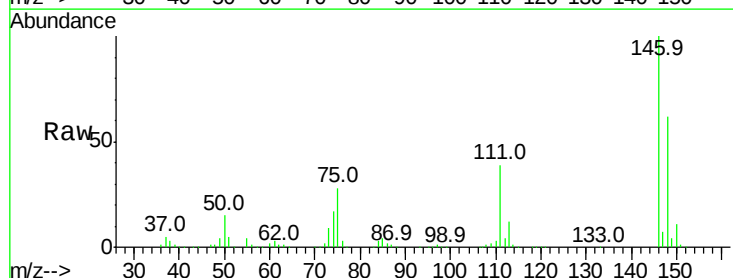
Tgt Ion:146 Resp: 222290

Ion Ratio Lower Upper

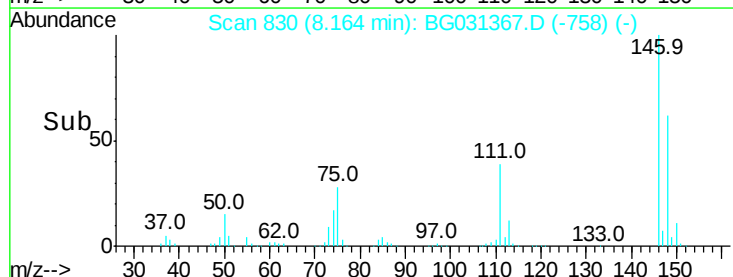
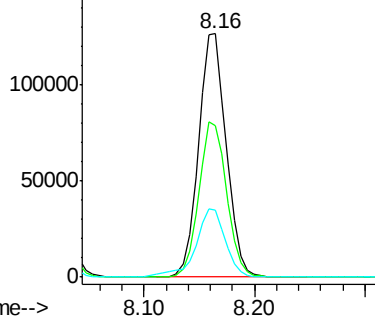
146 100

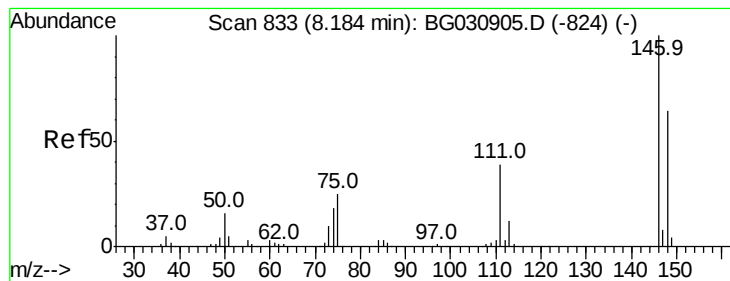
148 62.2 51.4 77.2

75 27.5 26.6 39.8



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 51.197 ng

RT: 8.16 min Scan# 830

Delta R.T. -0.02 min

Lab File: BG031367.D

Acq: 5 Dec 2017 4:01

Instrument :

BNA_G

ClientSampleId :

IDOC-SOIL-3

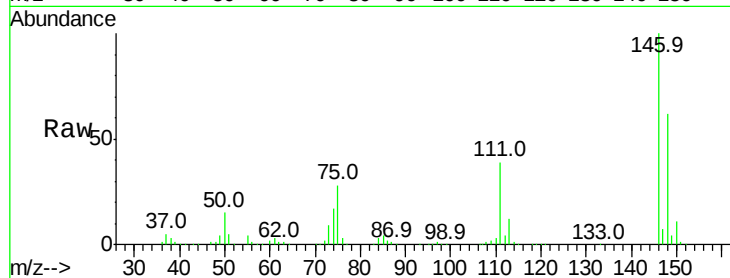
Tot Ion:146 Resp: 222290

Ion Ratio Lower Upper

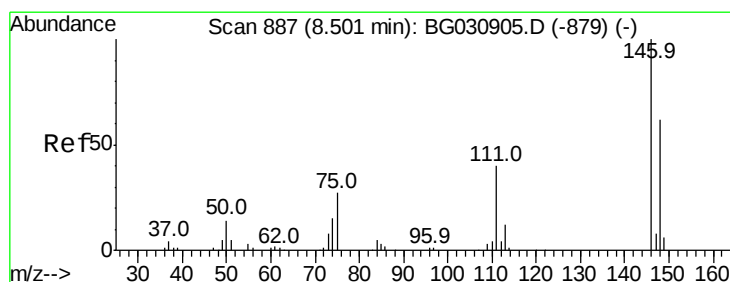
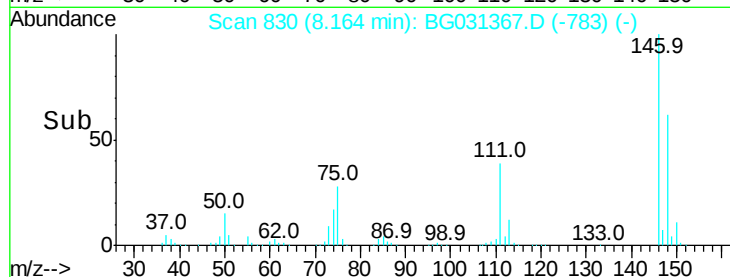
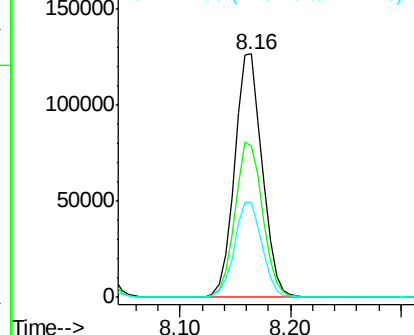
146 100

148 62.2 53.7 80.5

111 38.9 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: 51.110 ng

RT: 8.48 min Scan# 884

Delta R.T. -0.03 min

Lab File: BG031367.D

Acq: 5 Dec 2017 4:01

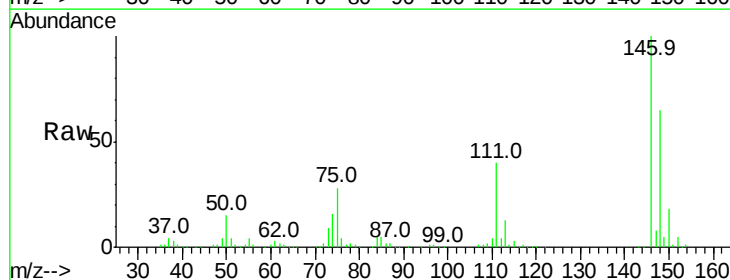
Tgt Ion:146 Resp: 212992

Ion Ratio Lower Upper

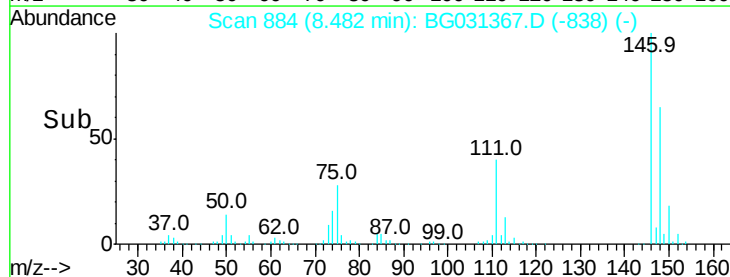
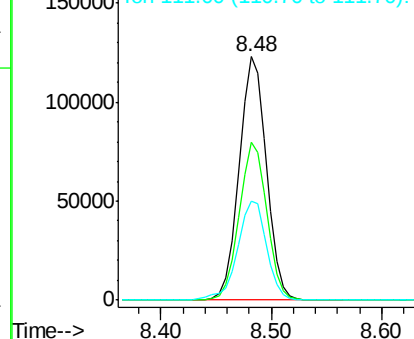
146 100

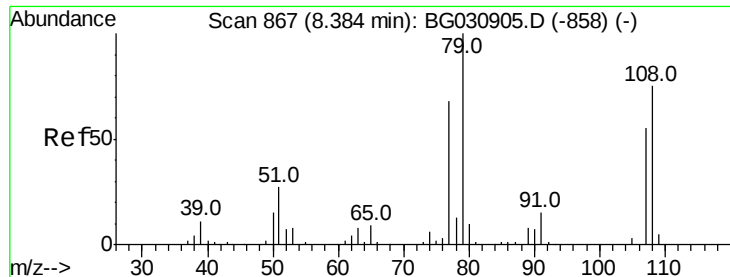
148 64.7 49.3 73.9

111 40.5 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: 49.303 ng

RT: 8.37 min Scan# 865

Delta R.T. -0.02 min

Lab File: BG031367.D

Acq: 5 Dec 2017 4:01

Instrument :

BNA_G

ClientSampleId :

IDOC-SOIL-3

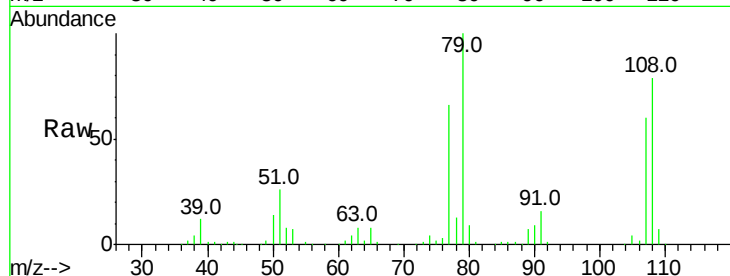
Tot Ion: 79 Resp: 176310

Ion Ratio Lower Upper

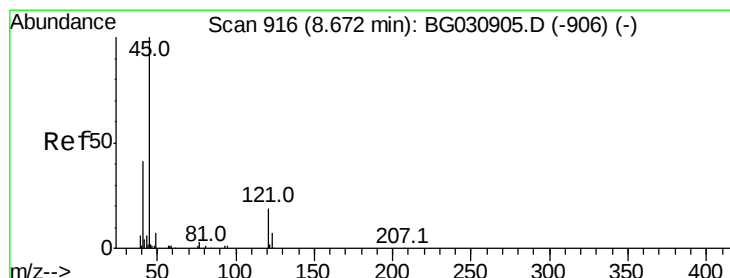
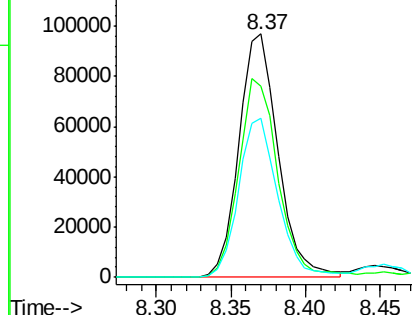
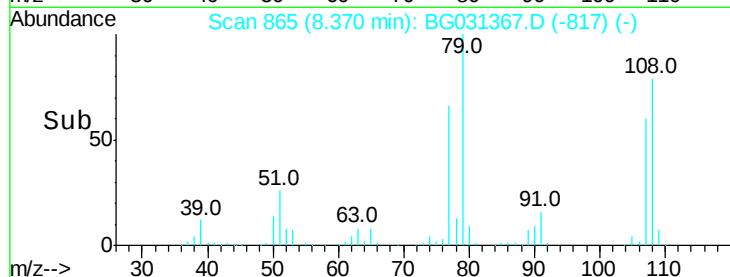
79 100

108 78.6 57.2 85.8

77 65.6 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: 67.690 ng

RT: 8.65 min Scan# 913

Delta R.T. -0.02 min

Lab File: BG031367.D

Acq: 5 Dec 2017 4:01

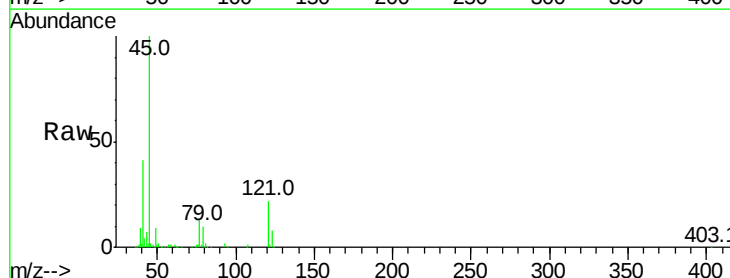
Tgt Ion: 45 Resp: 276398

Ion Ratio Lower Upper

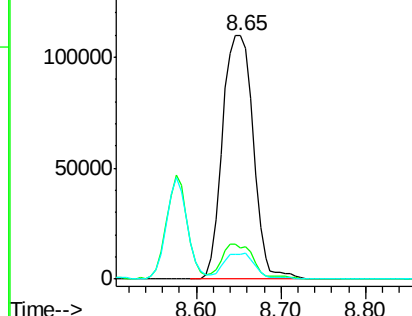
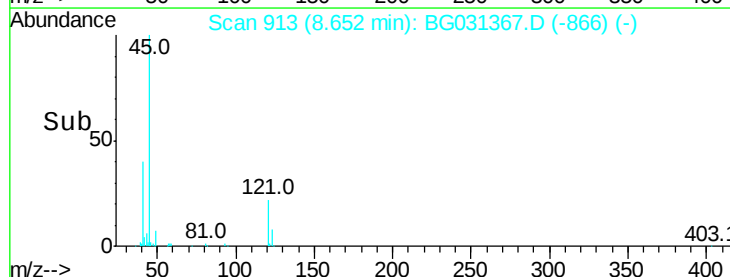
45 100

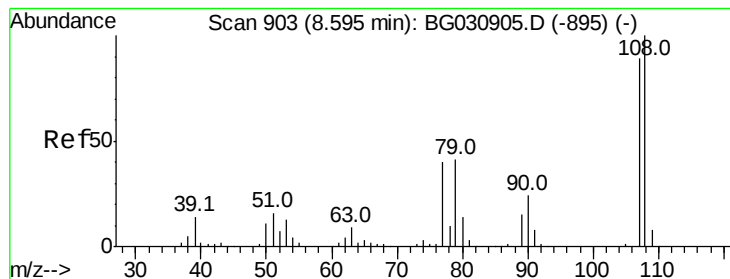
77 12.9 0.0 30.2

79 10.4 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: 57.254 ng

RT: 8.58 min Scan# 900

Delta R.T. -0.02 min

Lab File: BG031367.D

Acq: 5 Dec 2017 4:01

Instrument :

BNA_G

ClientSampleId :

IDOC-SOIL-3

Tot Ion:107 Resp: 184591

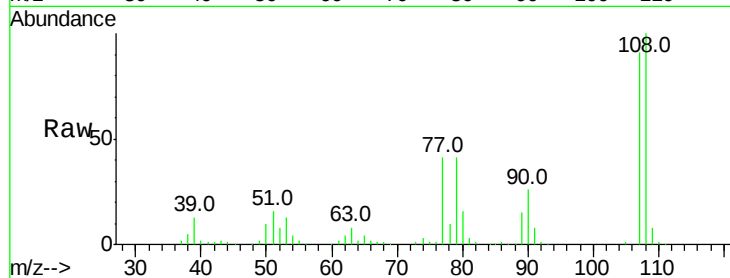
Ion Ratio Lower Upper

107 100

108 109.8 83.9 125.9

77 45.4 37.2 55.8

79 44.5 36.2 54.2

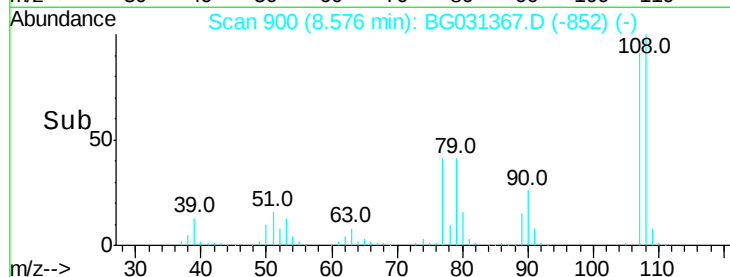


Abundance Ion 107.00 (106.70 to 107.70): E

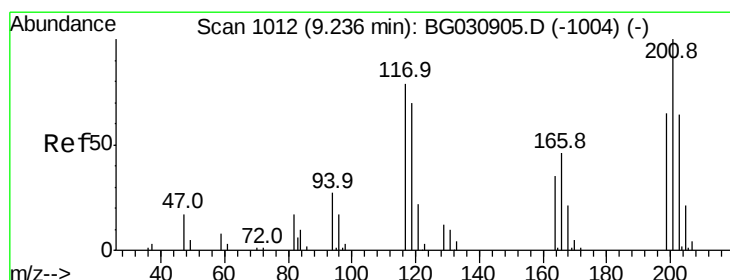
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



Time-->



#18

Hexachloroethane

Concen: 51.728 ng

RT: 9.21 min Scan# 1008

Delta R.T. -0.04 min

Lab File: BG031367.D

Acq: 5 Dec 2017 4:01

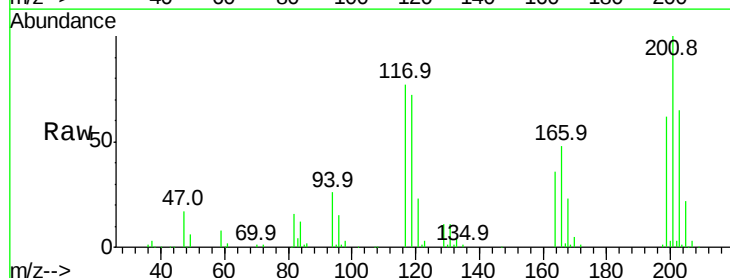
Tgt Ion:117 Resp: 78168

Ion Ratio Lower Upper

117 100

119 93.9 76.7 115.1

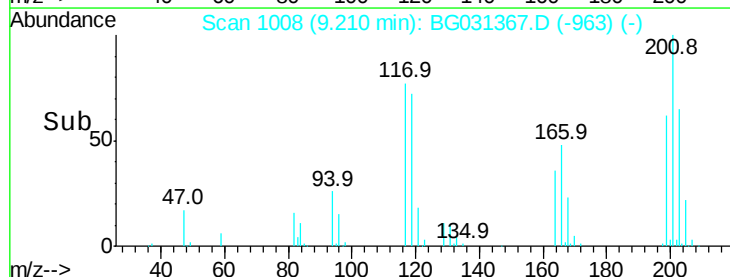
201 129.8 95.7 143.5



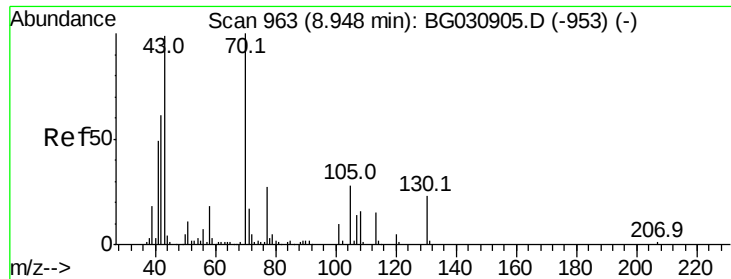
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



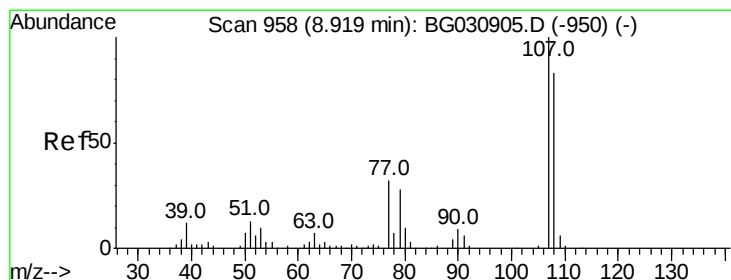
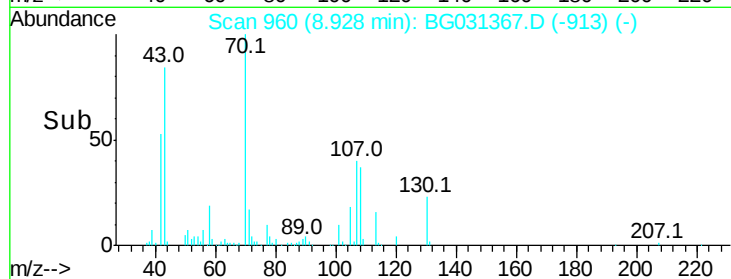
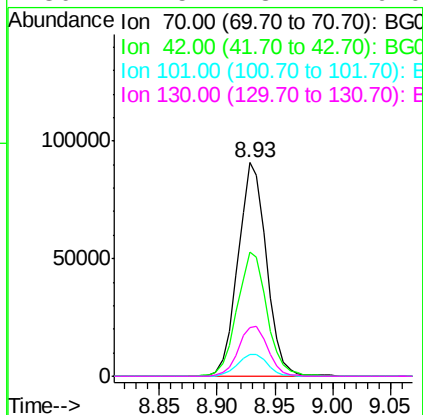
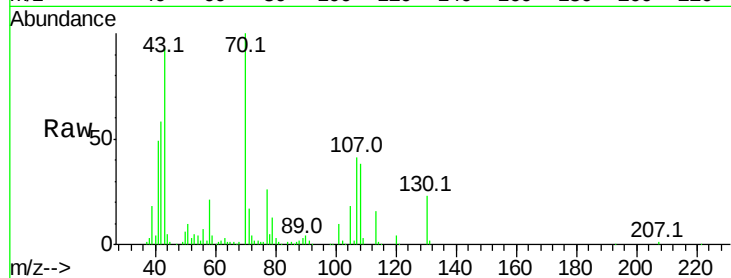
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 45.785 ng
RT: 8.93 min Scan# 960
Delta R.T. -0.02 min
Lab File: BG031367.D
Acq: 5 Dec 2017 4:01

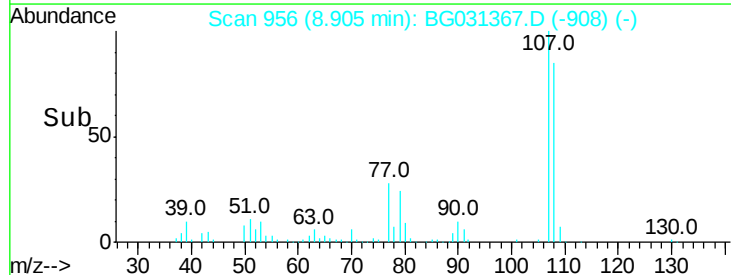
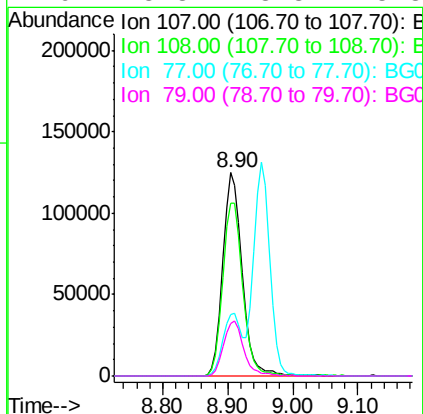
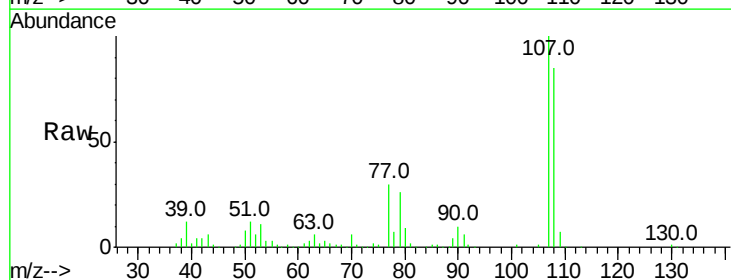
Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-3

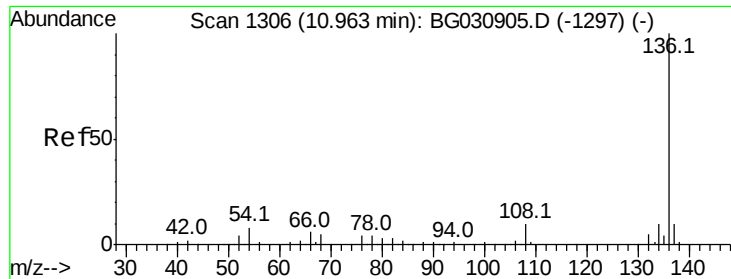
Tot Ion: 70 Resp: 155201
Ion Ratio Lower Upper
70 100
42 58.1 49.1 73.7
101 10.3 8.5 12.7
130 22.5 13.4 20.0#



#20
3+4-Methylphenols
Concen: 56.473 ng
RT: 8.90 min Scan# 956
Delta R.T. -0.02 min
Lab File: BG031367.D
Acq: 5 Dec 2017 4:01

Tgt Ion: 107 Resp: 258897
Ion Ratio Lower Upper
107 100
108 85.0 61.6 101.6
77 30.5 13.9 53.9
79 25.8 8.8 48.8

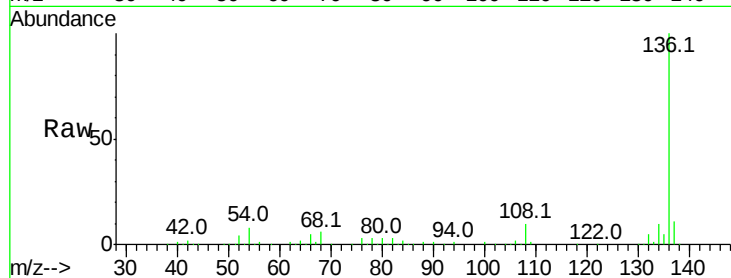




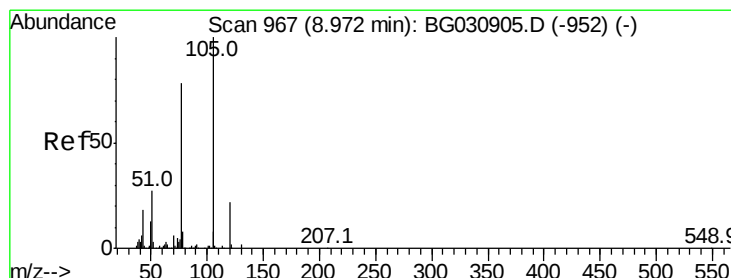
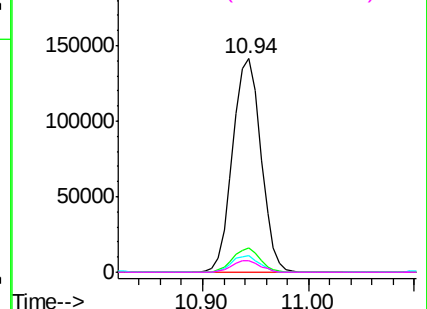
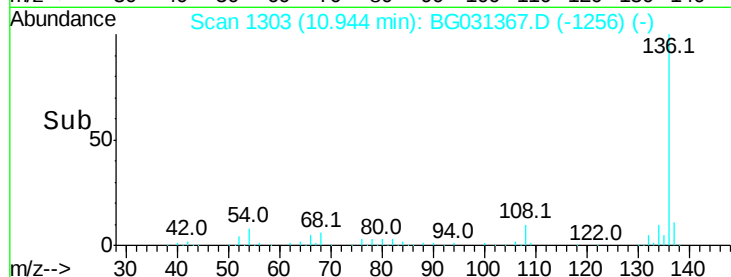
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BG031367.D
Acq: 5 Dec 2017 4:01

Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-3

Tot Ion:136	Resp:	261657
Ion Ratio	Lower	Upper
136	100	
137	11.2	9.2 13.8
54	7.8	10.3 15.5#
68	5.7	4.5 6.7

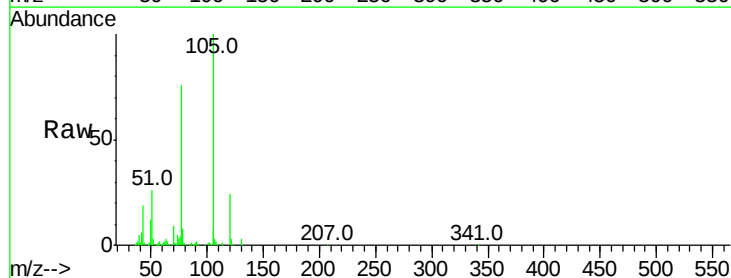


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

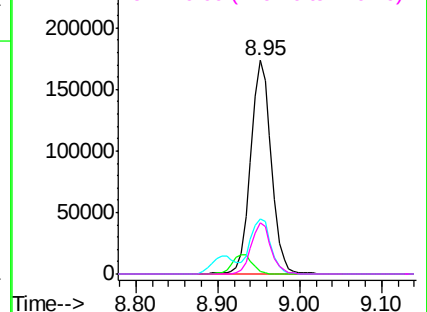
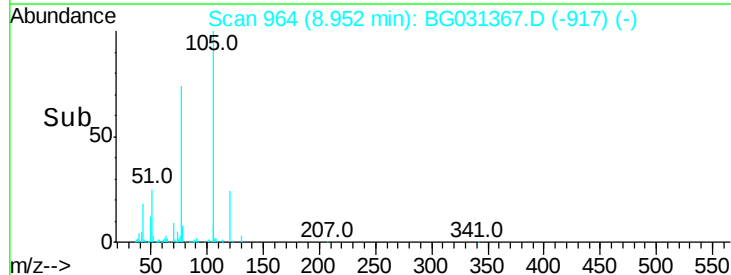


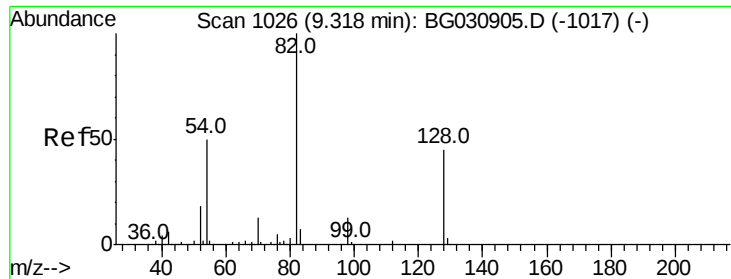
#22
Acetophenone
Concen: 46.637 ng
RT: 8.95 min Scan# 964
Delta R.T. -0.02 min
Lab File: BG031367.D
Acq: 5 Dec 2017 4:01

Tgt Ion:105	Resp:	303839
Ion Ratio	Lower	Upper
105	100	
71	1.3	3.0 4.4#
51	26.0	26.1 39.1#
120	23.7	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

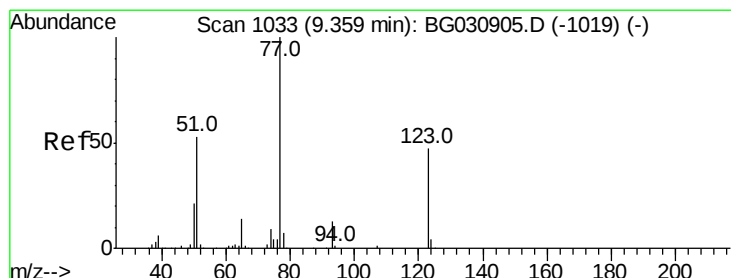
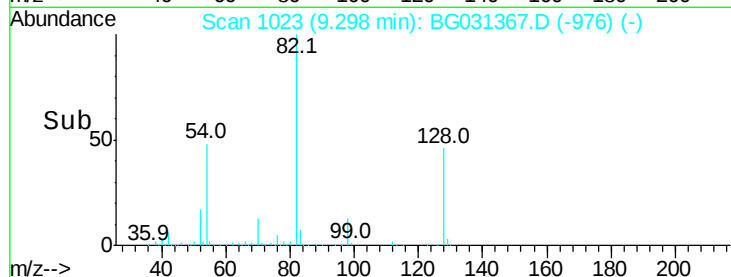
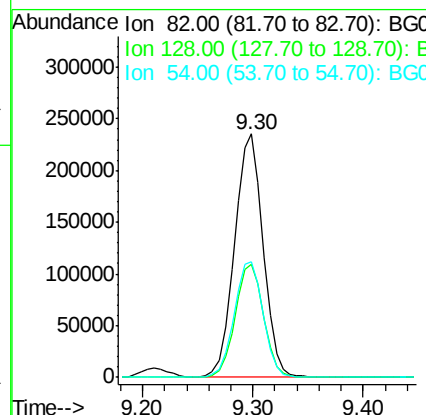
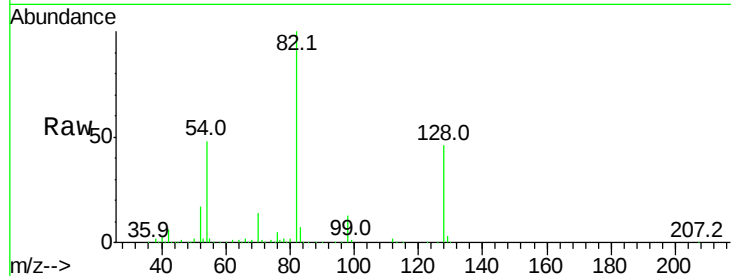




#23
Nitrobenzene-d5
Concen: 96.048 ng
RT: 9.30 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BG031367.D
Acq: 5 Dec 2017 4:01

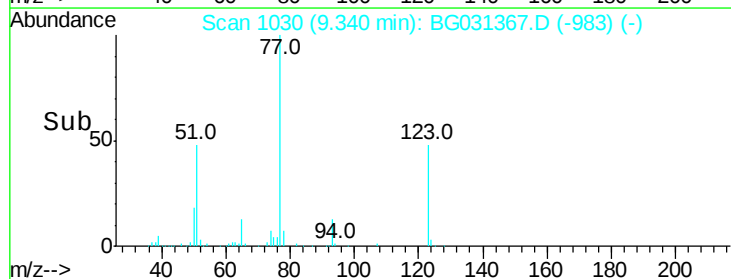
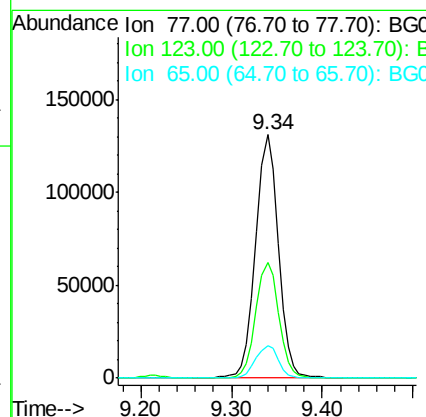
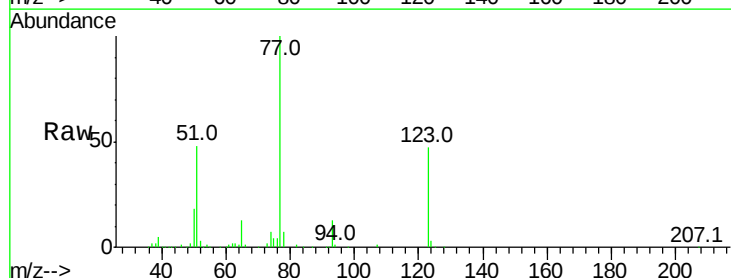
Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-3

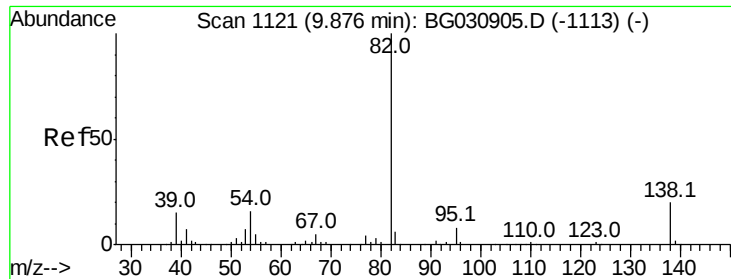
Tot Ion: 82 Resp: 424119
Ion Ratio Lower Upper
82 100
128 46.3 29.7 44.5#
54 47.5 43.1 64.7



#24
Nitrobenzene
Concen: 51.001 ng
RT: 9.34 min Scan# 1030
Delta R.T. -0.02 min
Lab File: BG031367.D
Acq: 5 Dec 2017 4:01

Tgt Ion: 77 Resp: 230045
Ion Ratio Lower Upper
77 100
123 47.4 33.0 49.6
65 13.1 13.0 19.6





#25

Isophorone

Concen: 52.076 ng

RT: 9.86 min Scan# 1118

Delta R.T. -0.02 min

Lab File: BG031367.D

Acq: 5 Dec 2017 4:01

Instrument :

BNA_G

ClientSampleId :

IDOC-SOIL-3

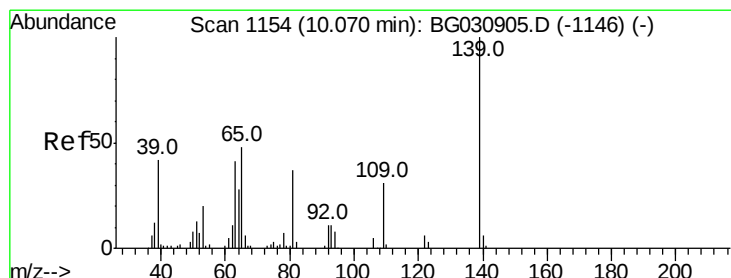
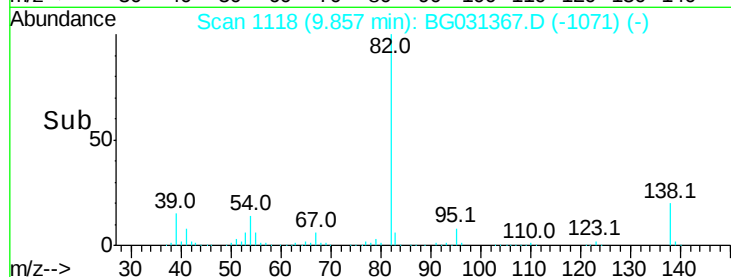
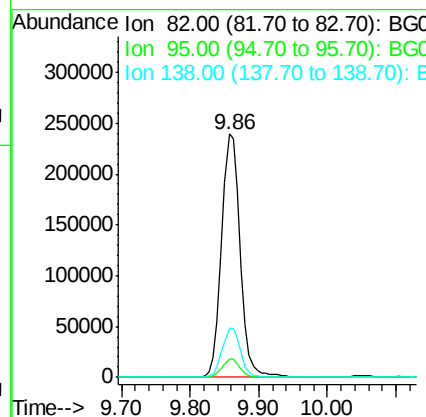
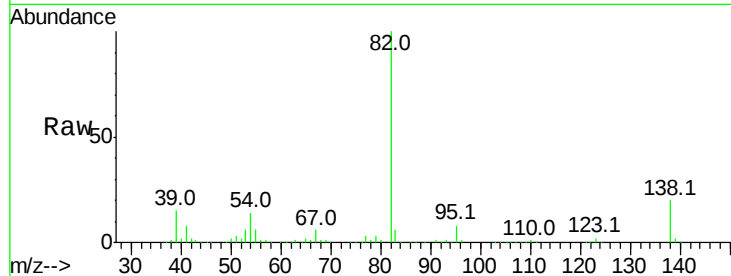
Tot Ion: 82 Resp: 448464

Ion Ratio Lower Upper

82 100

95 7.7 6.2 9.2

138 20.2 12.1 18.1#



#26

2-Nitrophenol

Concen: 55.907 ng

RT: 10.06 min Scan# 1152

Delta R.T. -0.02 min

Lab File: BG031367.D

Acq: 5 Dec 2017 4:01

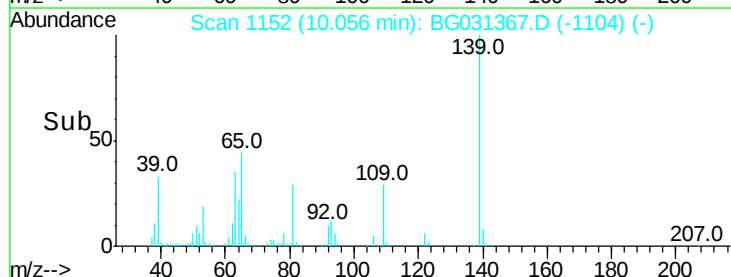
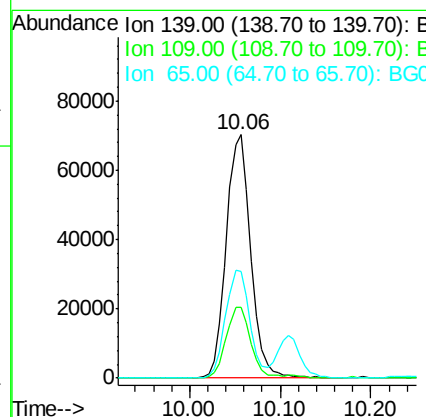
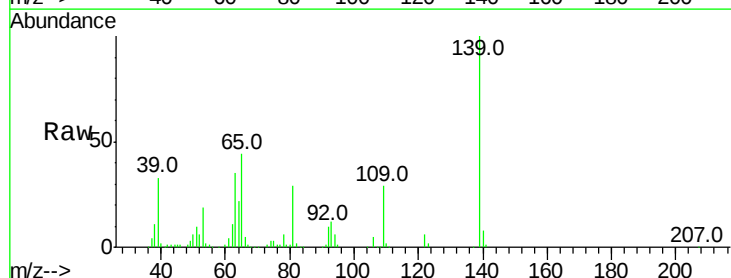
Tgt Ion:139 Resp: 131445

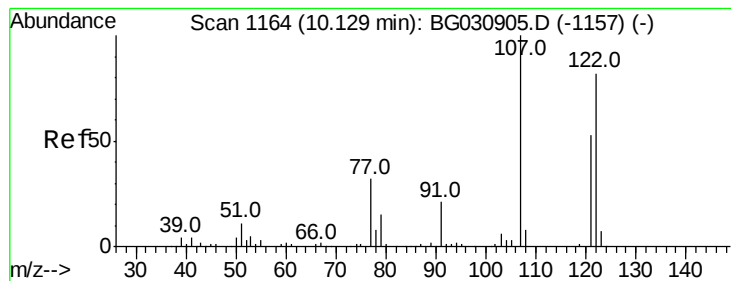
Ion Ratio Lower Upper

139 100

109 28.8 24.2 36.2

65 43.8 47.4 71.0#

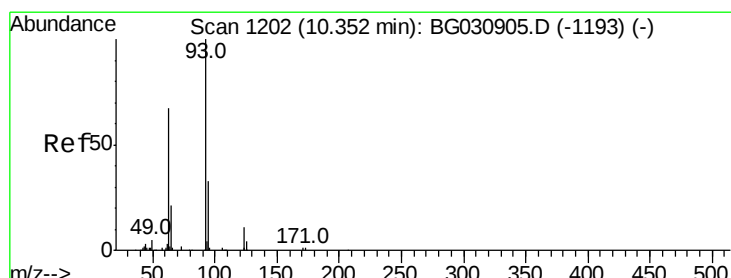
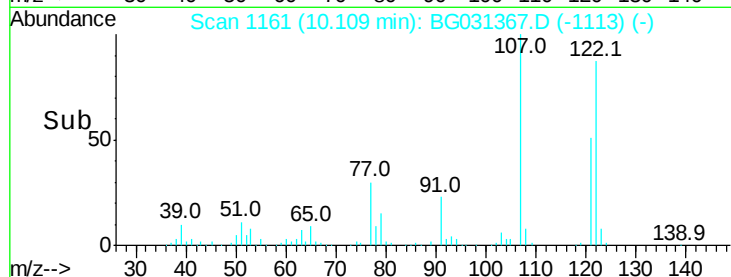
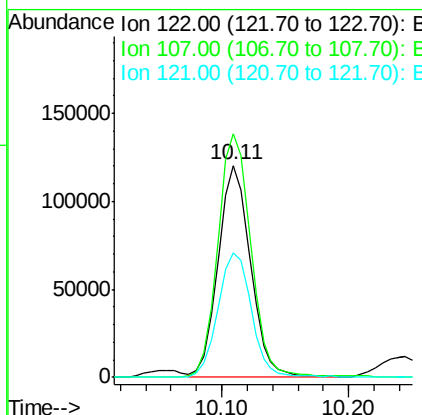
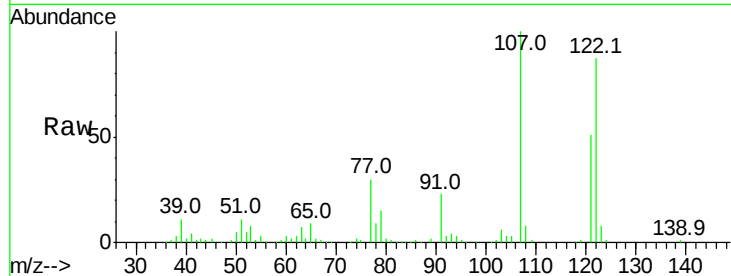




#27
 2,4-Dimethylphenol
 Concen: 60.707 ng
 RT: 10.11 min Scan# 1161
 Delta R.T. -0.02 min
 Lab File: BG031367.D
 Acq: 5 Dec 2017 4:01

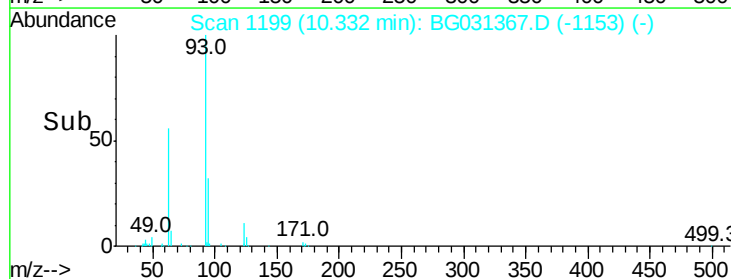
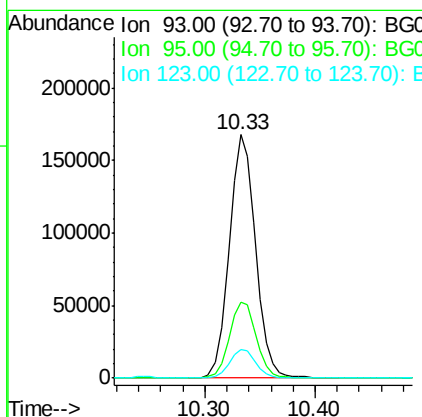
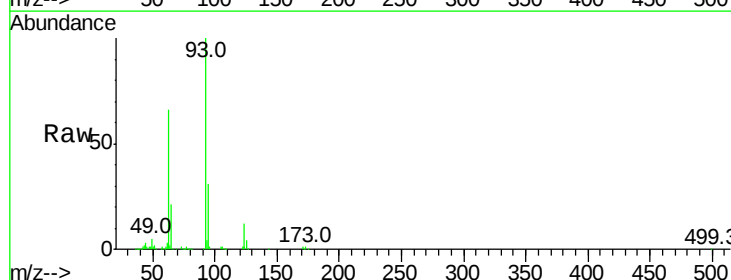
Instrument :
 BNA_G
 ClientSampleId :
 IDOC-SOIL-3

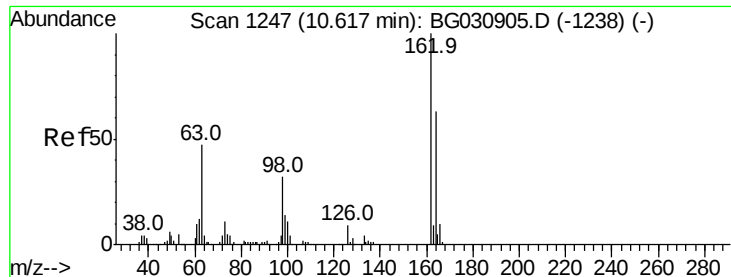
Tot Ion:122 Resp: 211895
 Ion Ratio Lower Upper
 122 100
 107 115.0 100.2 150.2
 121 59.0 44.4 66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 51.529 ng
 RT: 10.33 min Scan# 1199
 Delta R.T. -0.03 min
 Lab File: BG031367.D
 Acq: 5 Dec 2017 4:01

Tgt Ion: 93 Resp: 279486
 Ion Ratio Lower Upper
 93 100
 95 31.4 24.3 36.5
 123 11.9 8.4 12.6

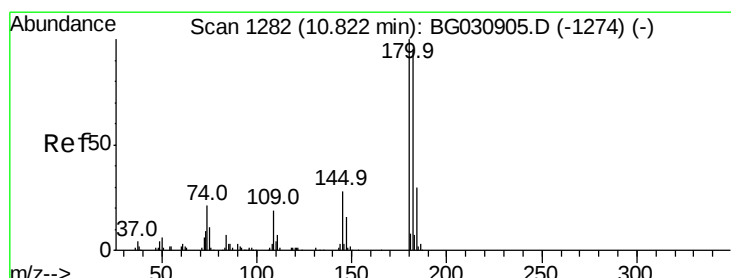
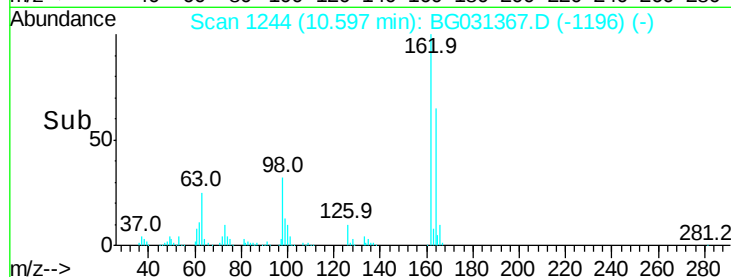
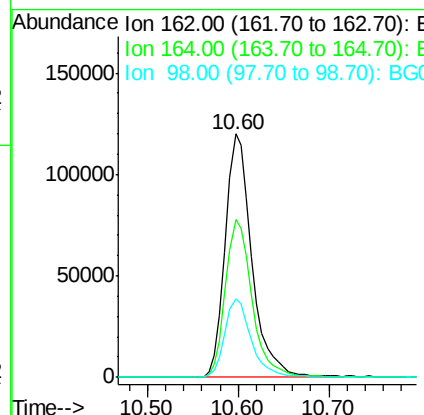
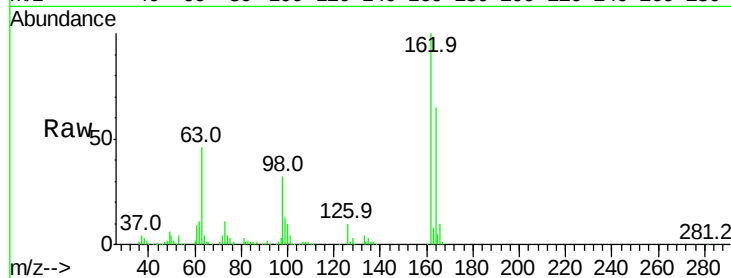




#29
 2,4-Dichlorophenol
 Concen: 58.549 ng
 RT: 10.60 min Scan# 1244
 Delta R.T. -0.02 min
 Lab File: BG031367.D
 Acq: 5 Dec 2017 4:01

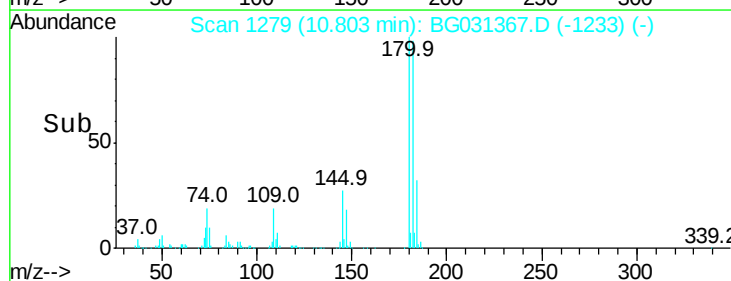
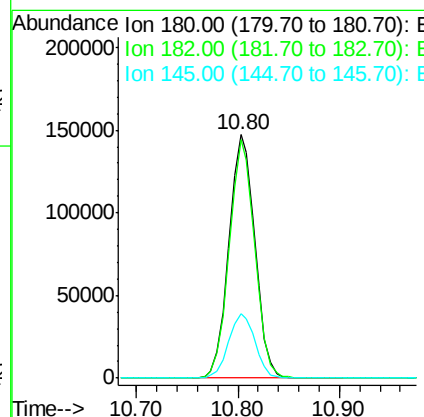
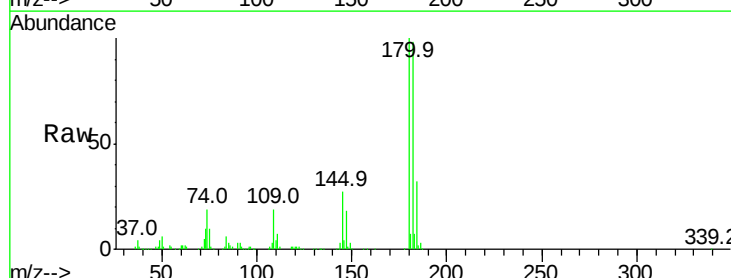
Instrument :
 BNA_G
 ClientSampleId :
 IDOC-SOIL-3

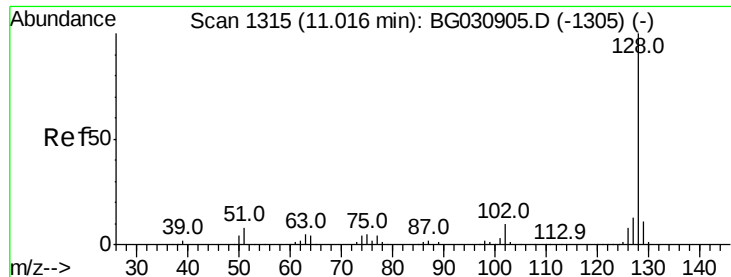
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	48.0	88.0
98	32.1	21.1	61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 52.155 ng
 RT: 10.80 min Scan# 1279
 Delta R.T. -0.03 min
 Lab File: BG031367.D
 Acq: 5 Dec 2017 4:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.0	77.5	116.3
145	26.5	23.4	35.2

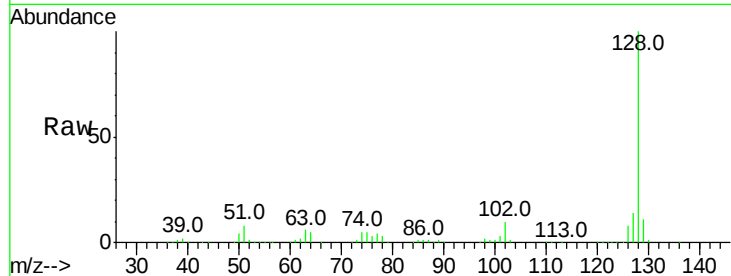




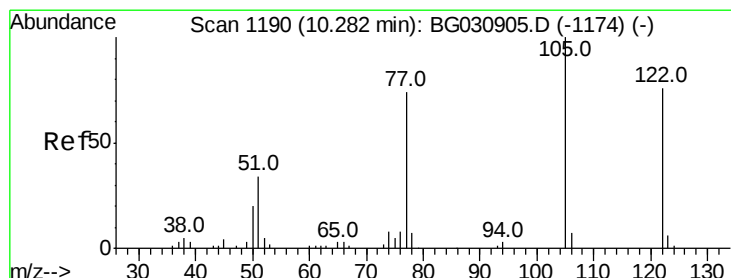
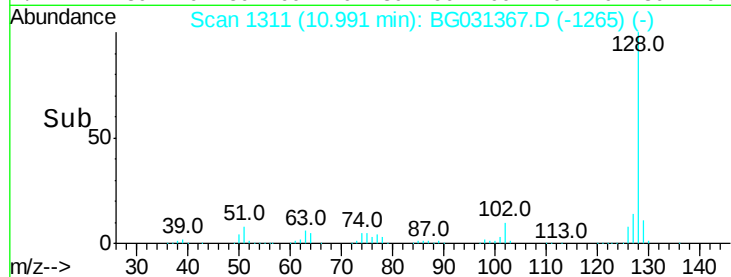
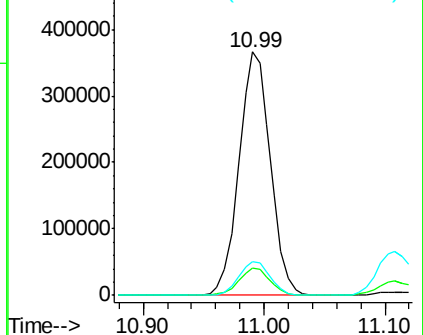
#31
Naphthalene
Concen: 51.388 ng
RT: 10.99 min Scan# 1311
Delta R.T. -0.03 min
Lab File: BG031367.D
Acq: 5 Dec 2017 4:01

Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-3

Tot Ion:128 Resp: 661001
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 13.9 11.6 17.4

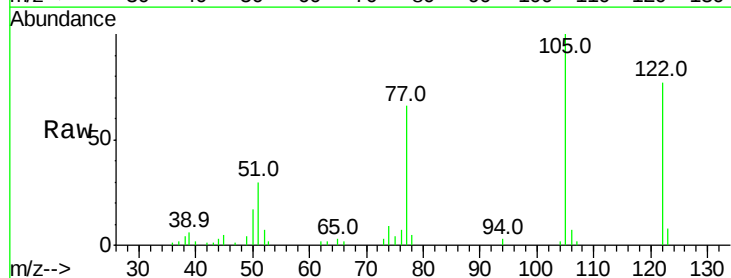


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

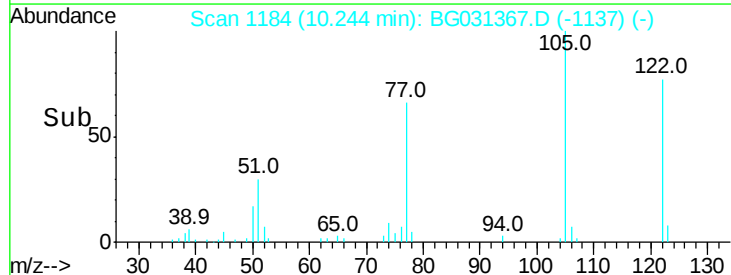
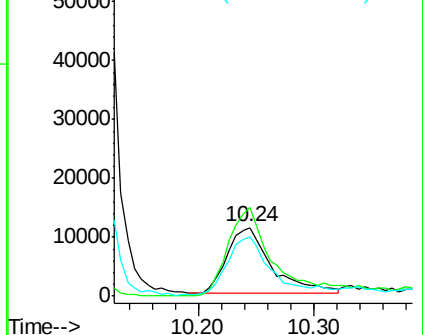


#32
Benzoic acid
Concen: 14.666 ng
RT: 10.24 min Scan# 1184
Delta R.T. -0.02 min
Lab File: BG031367.D
Acq: 5 Dec 2017 4:01

Tgt Ion:122 Resp: 29677
Ion Ratio Lower Upper
122 100
105 129.9 123.5 163.5
77 86.0 85.7 125.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

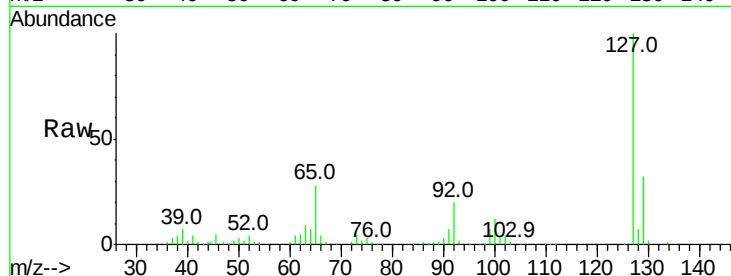




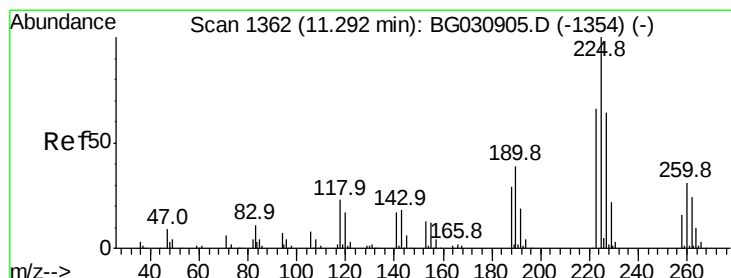
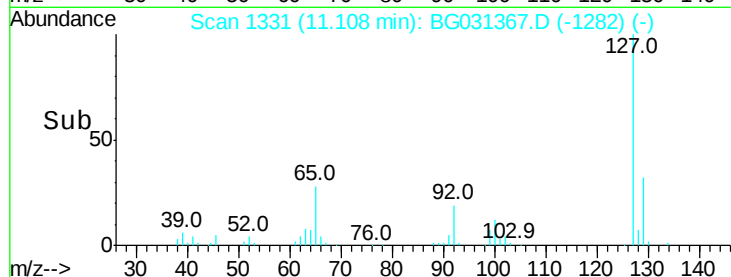
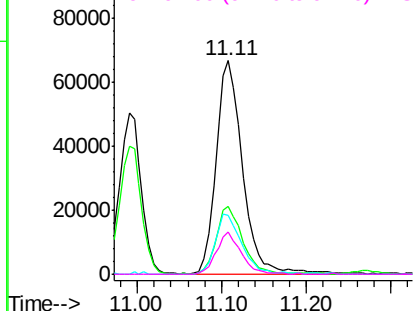
#33
4-Chloroaniline
Concen: 25.964 ng
RT: 11.11 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BG031367.D
Acq: 5 Dec 2017 4:01

Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-3

Tot Ion:	127	Resp:	146199
Ion	Ratio	Lower	Upper
127	100		
129	31.7	24.0	36.0
65	27.6	27.0	40.4
92	19.6	16.6	25.0

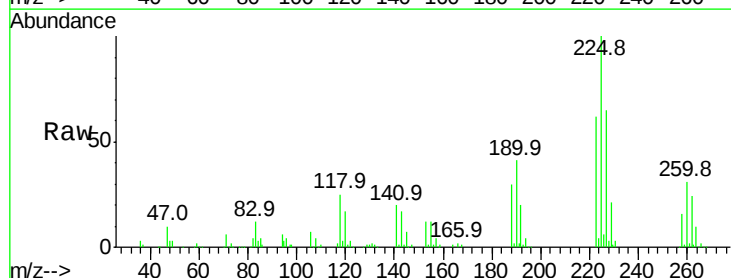


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

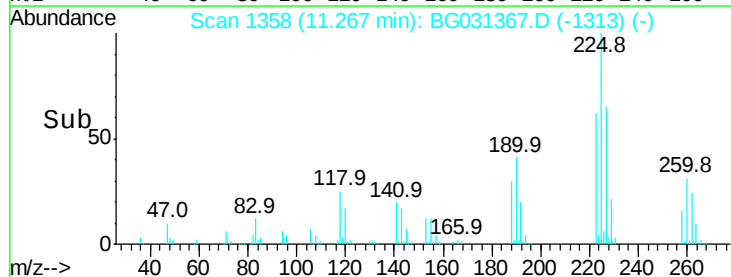
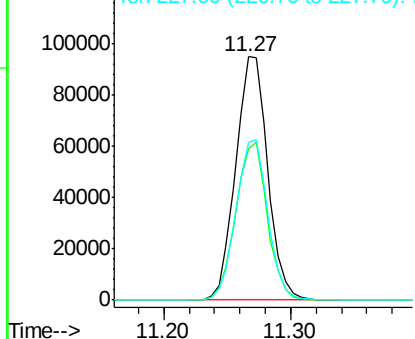


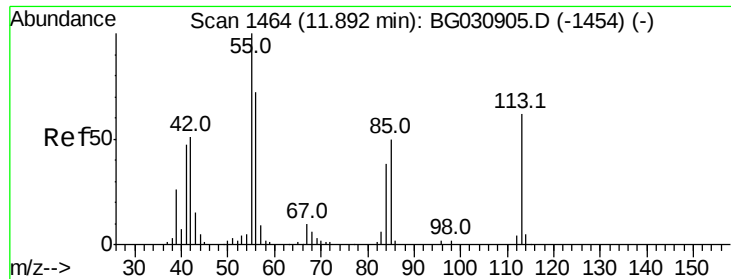
#34
Hexachlorobutadiene
Concen: 47.851 ng
RT: 11.27 min Scan# 1358
Delta R.T. -0.04 min
Lab File: BG031367.D
Acq: 5 Dec 2017 4:01

Tgt Ion:	225	Resp:	166065
Ion	Ratio	Lower	Upper
225	100		
223	62.1	49.7	74.5
227	64.9	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: 22.415 ng

RT: 11.88 min Scan# 1463

Delta R.T. -0.01 min

Lab File: BG031367.D

Acq: 5 Dec 2017 4:01

Instrument :

BNA_G

ClientSampleId :

IDOC-SOIL-3

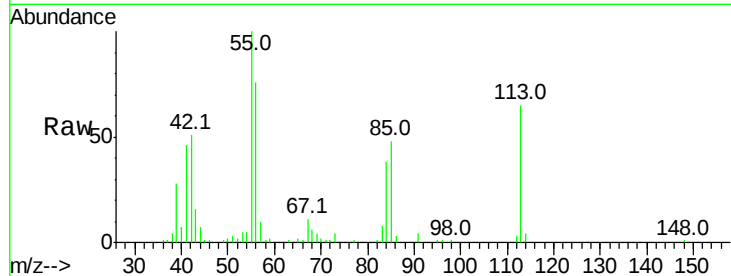
Tot Ion:113 Resp: 38380

Ion Ratio Lower Upper

113 100

55 153.4 186.9 226.9#

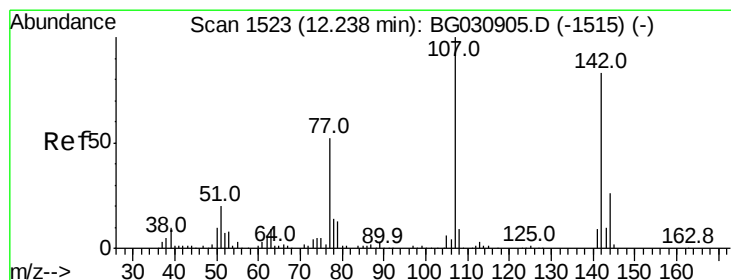
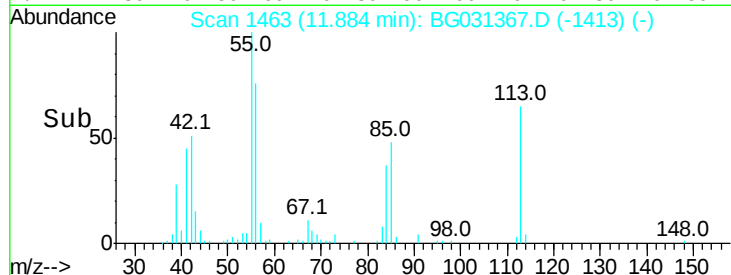
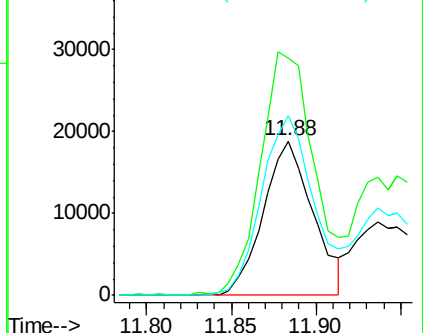
56 116.6 130.9 170.9#



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: 54.619 ng

RT: 12.23 min Scan# 1522

Delta R.T. -0.01 min

Lab File: BG031367.D

Acq: 5 Dec 2017 4:01

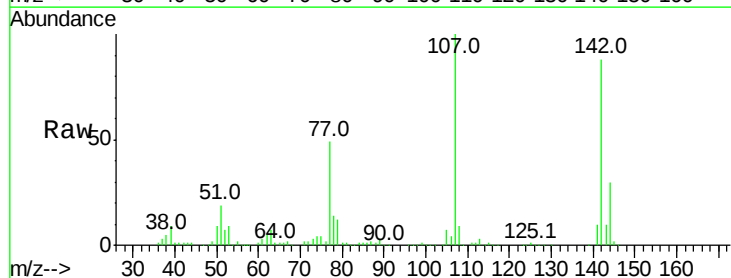
Tgt Ion:107 Resp: 249163

Ion Ratio Lower Upper

107 100

144 30.0 18.2 27.4#

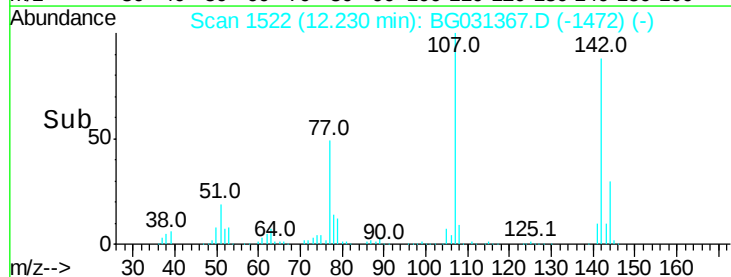
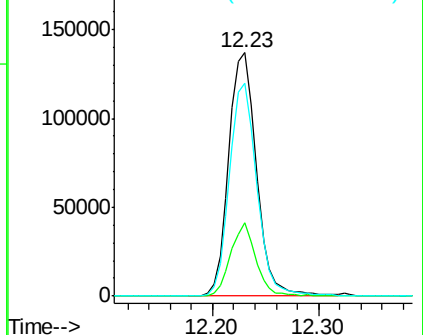
142 87.7 59.0 88.4

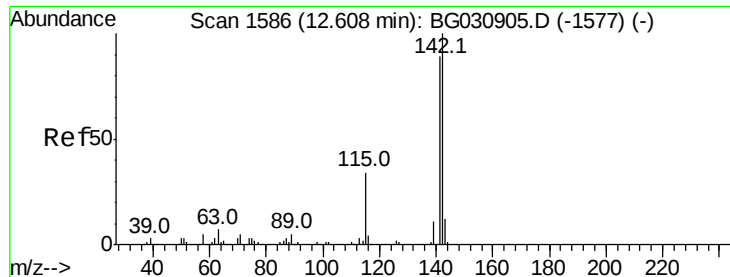


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

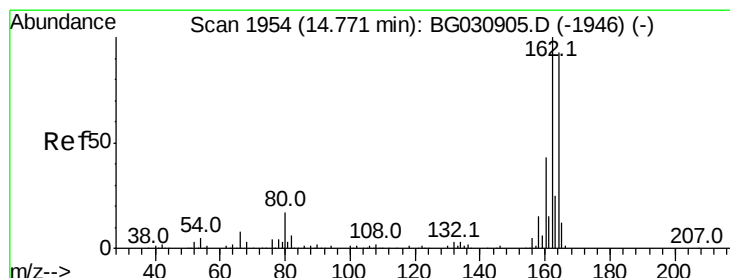
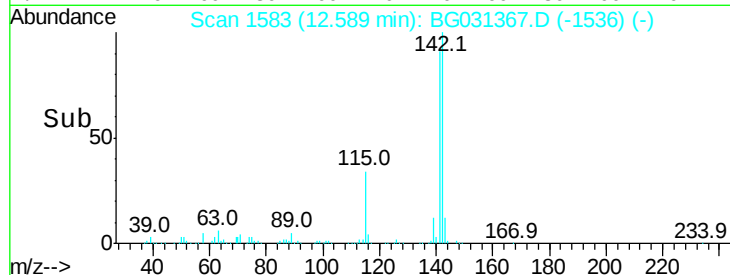
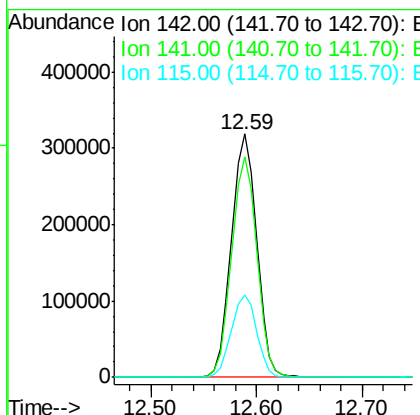
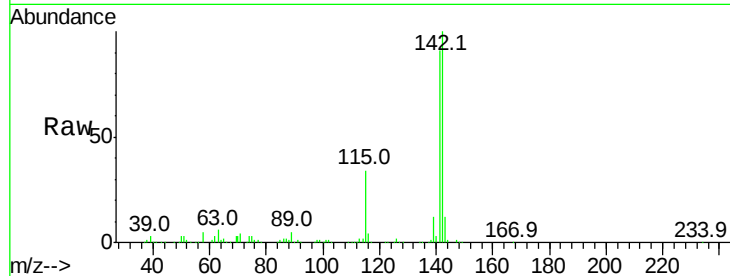




#37
2-Methylnaphthalene
Concen: 53.183 ng
RT: 12.59 min Scan# 1583
Delta R.T. -0.02 min
Lab File: BG031367.D
Acq: 5 Dec 2017 4:01

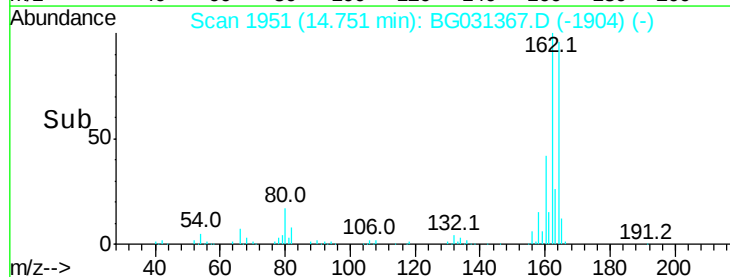
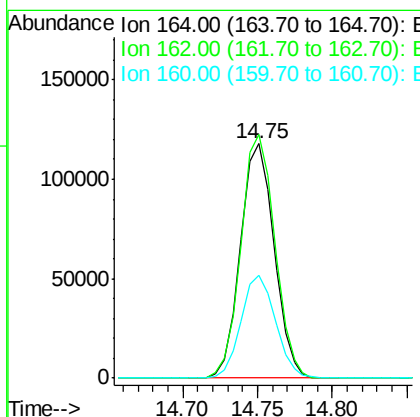
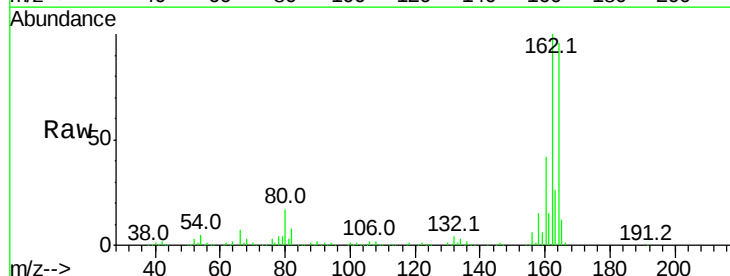
Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-3

Tot Ion:142 Resp: 528089
Ion Ratio Lower Upper
142 100
141 90.8 67.1 100.7
115 34.0 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1951
Delta R.T. -0.02 min
Lab File: BG031367.D
Acq: 5 Dec 2017 4:01

Tgt Ion:164 Resp: 184461
Ion Ratio Lower Upper
164 100
162 103.8 78.8 118.2
160 44.0 35.4 53.0

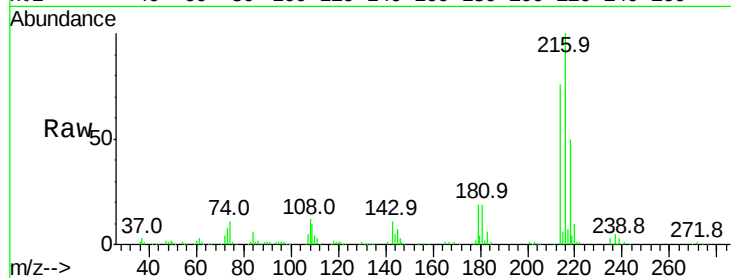




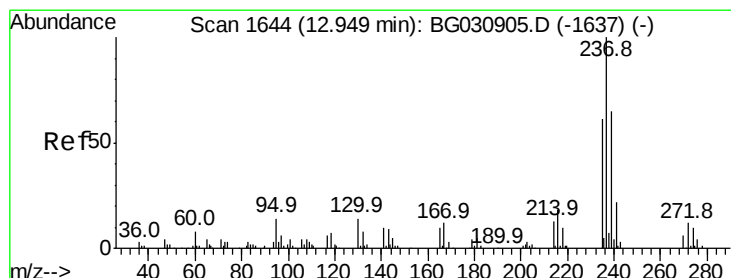
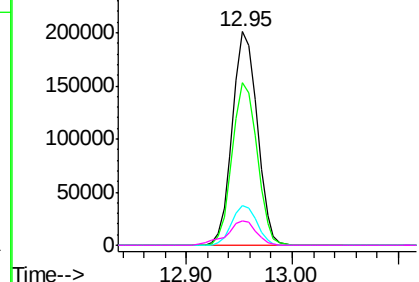
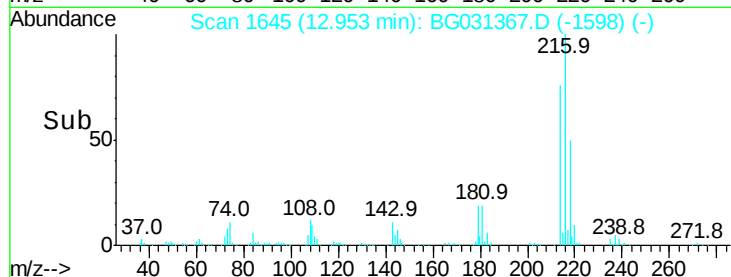
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.612 ng
 RT: 12.95 min Scan# 1645
 Delta R.T. -0.02 min
 Lab File: BG031367.D
 Acq: 5 Dec 2017 4:01

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-SOIL-3

Tot Ion:	216	Resp:	326608
Ion	Ratio	Lower	Upper
216	100		
214	76.2	63.0	94.4
179	18.7	17.0	25.6
108	13.7	12.8	19.2

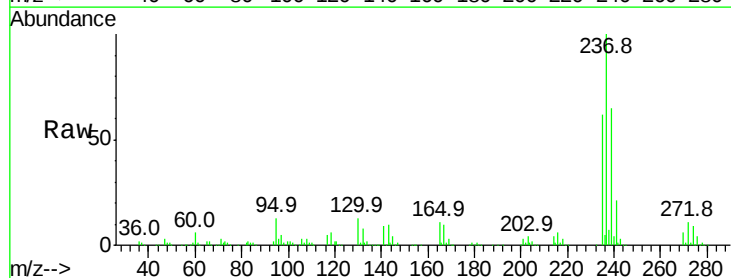


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

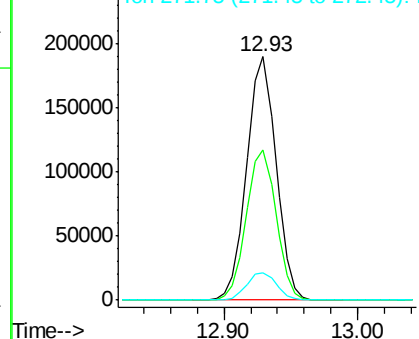
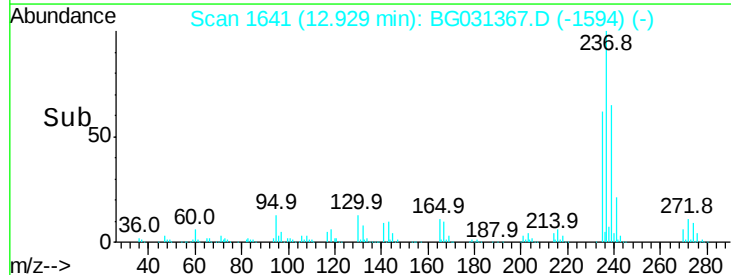


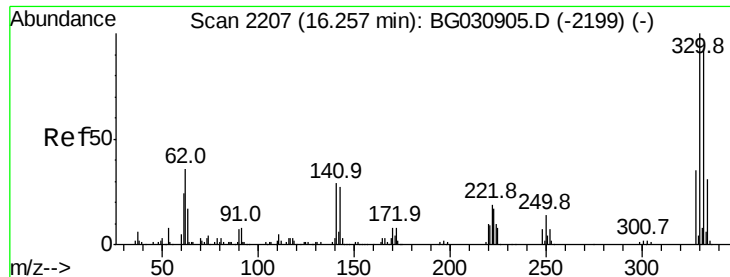
#40
 Hexachlorocyclopentadiene
 Concen: 102.872 ng
 RT: 12.93 min Scan# 1641
 Delta R.T. -0.02 min
 Lab File: BG031367.D
 Acq: 5 Dec 2017 4:01

Tgt Ion:	237	Resp:	288063
Ion	Ratio	Lower	Upper
237	100		
235	61.7	50.4	90.4
272	11.3	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

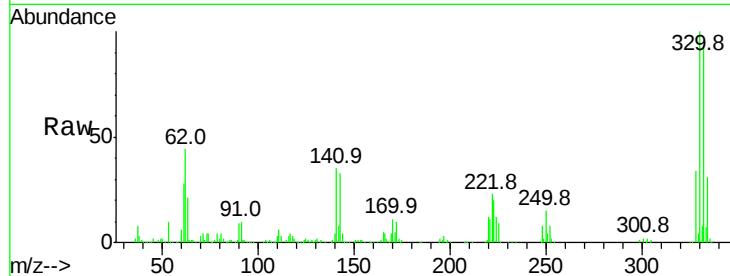




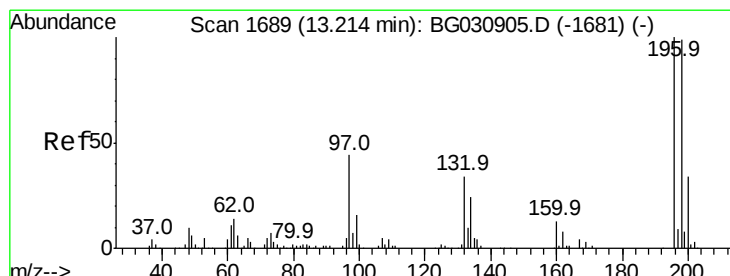
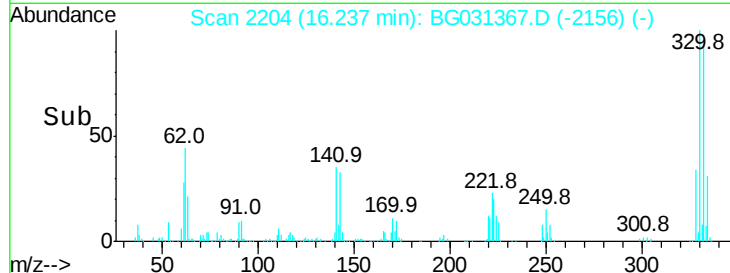
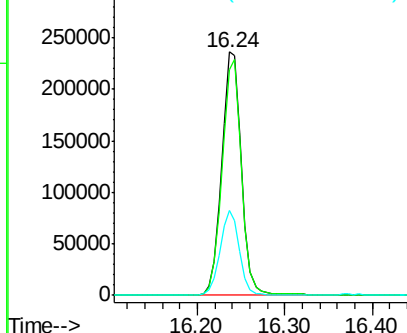
#41
 2,4,6-Tribromophenol
 Concen: 123.488 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. -0.02 min
 Lab File: BG031367.D
 Acq: 5 Dec 2017 4:01

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-SOIL-3

Tot Ion:330 Resp: 368486
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.0 115.6
 141 34.0 25.2 37.8

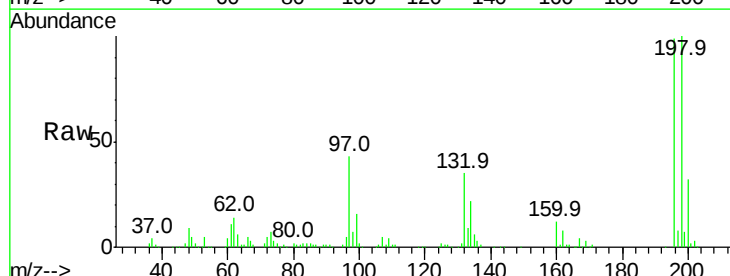


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

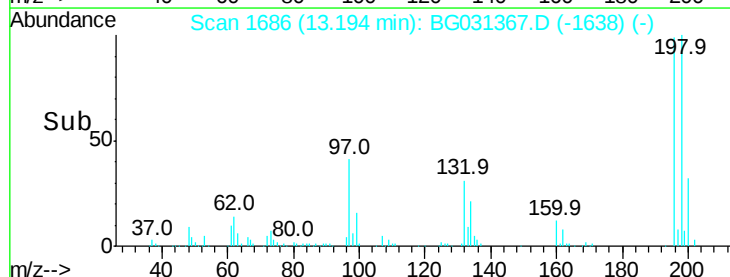
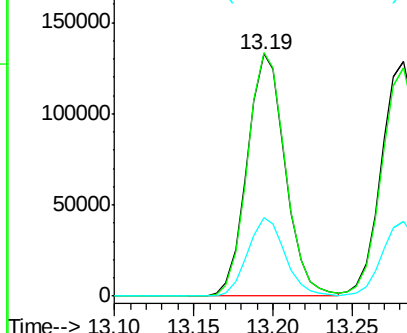


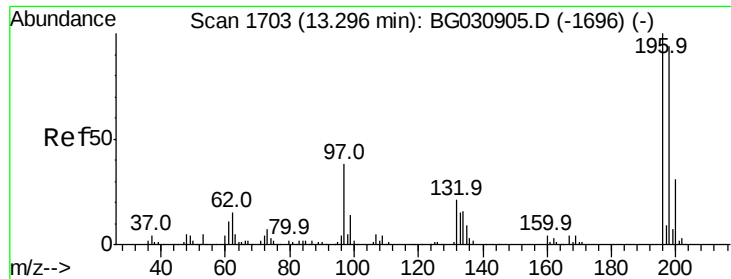
#42
 2,4,6-Trichlorophenol
 Concen: 52.960 ng
 RT: 13.19 min Scan# 1686
 Delta R.T. -0.02 min
 Lab File: BG031367.D
 Acq: 5 Dec 2017 4:01

Tgt Ion:196 Resp: 221652
 Ion Ratio Lower Upper
 196 100
 198 100.7 78.2 117.2
 200 32.3 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

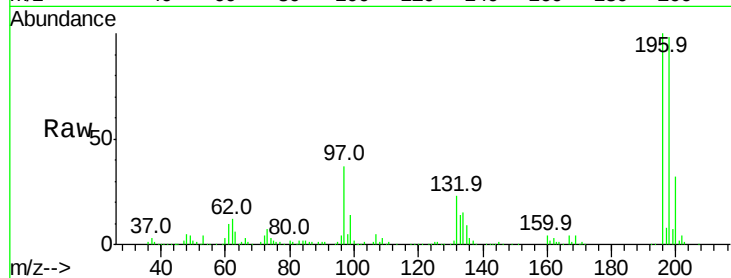




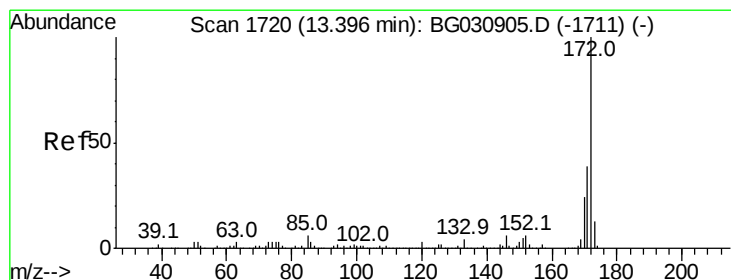
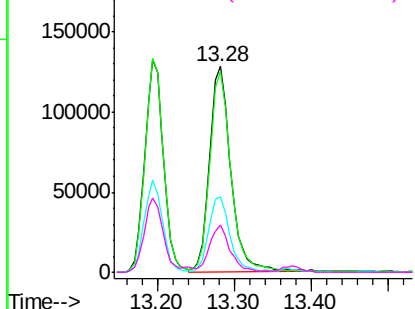
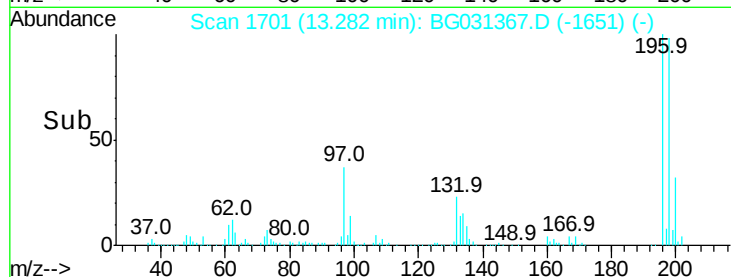
#43
 2,4,5-Trichlorophenol
 Concen: 53.323 ng
 RT: 13.28 min Scan# 1701
 Delta R.T. -0.01 min
 Lab File: BG031367.D
 Acq: 5 Dec 2017 4:01

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-SOIL-3

Tot Ion:196 Resp: 244179
 Ion Ratio Lower Upper
 196 100
 198 97.6 76.2 114.4
 97 36.7 38.7 58.1#
 132 22.7 20.2 30.2

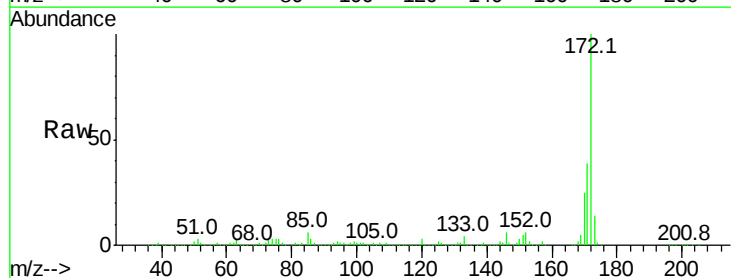


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

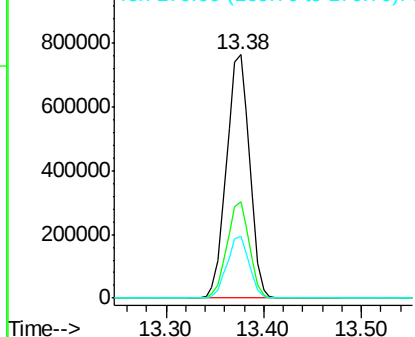
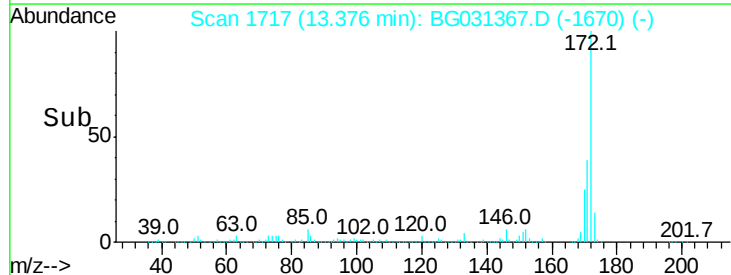


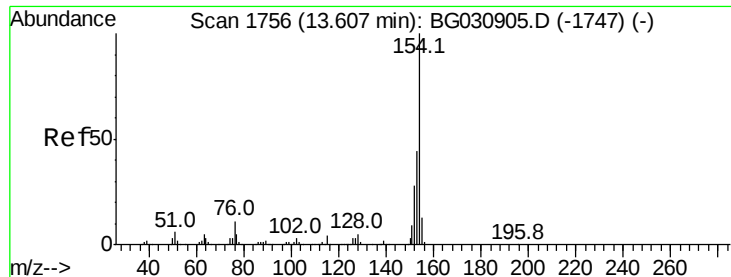
#44
 2-Fluorobiphenyl
 Concen: 97.456 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. -0.02 min
 Lab File: BG031367.D
 Acq: 5 Dec 2017 4:01

Tgt Ion:172 Resp: 1251087
 Ion Ratio Lower Upper
 172 100
 171 39.5 30.0 45.0
 170 25.5 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

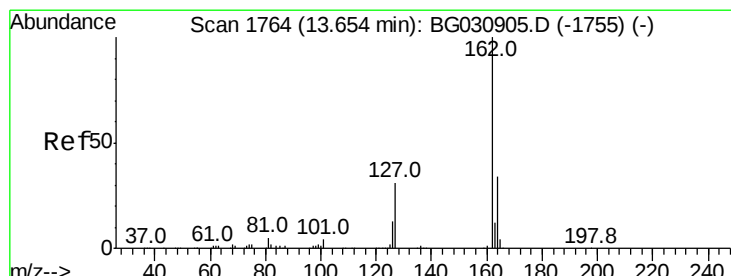
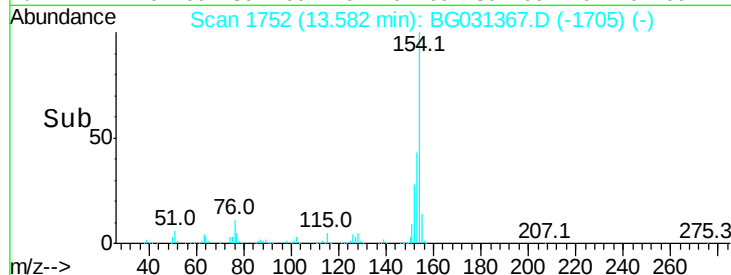
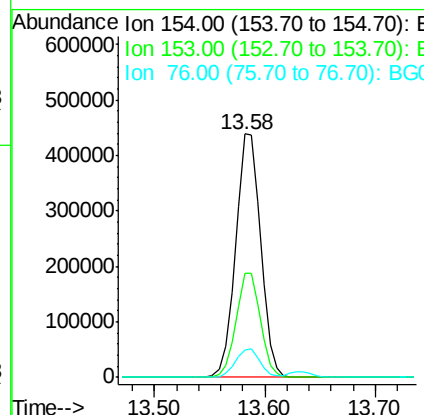
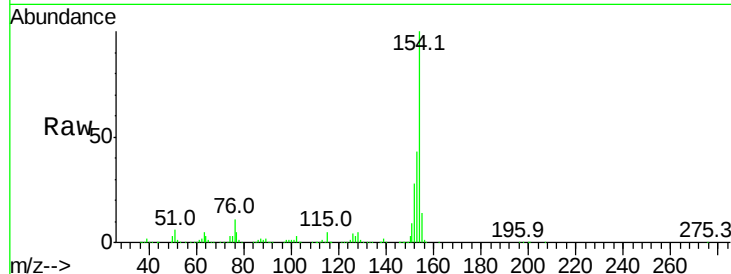




#45
 1,1'-Biphenyl
 Concen: 45.580 ng
 RT: 13.58 min Scan# 1752
 Delta R.T. -0.02 min
 Lab File: BG031367.D
 Acq: 5 Dec 2017 4:01

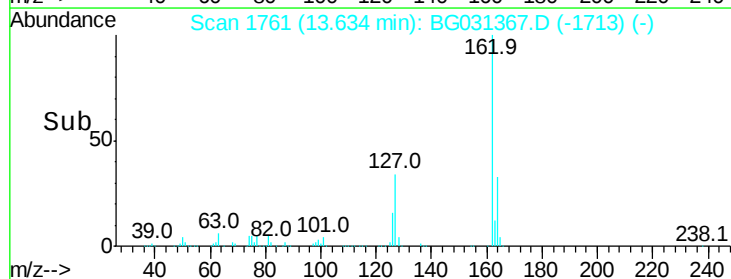
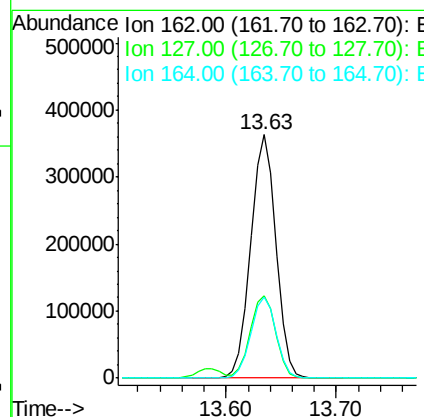
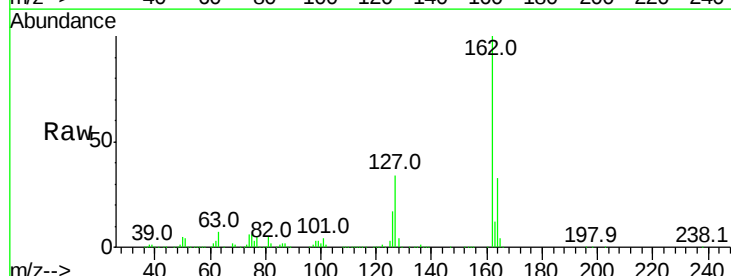
Instrument :
 BNA_G
 ClientSampleId :
 IDOC-SOIL-3

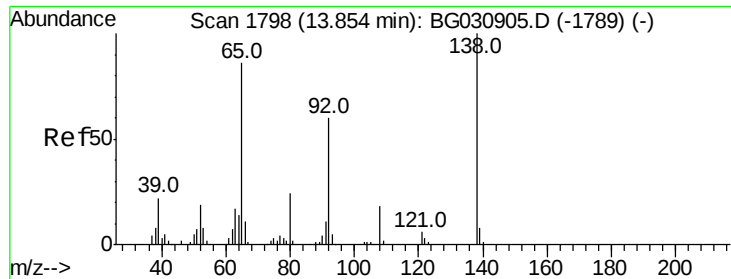
Tot Ion	Ratio	Lower	Upper
154	100		
153	42.9	19.8	59.8
76	11.3	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 52.691 ng
 RT: 13.63 min Scan# 1761
 Delta R.T. -0.02 min
 Lab File: BG031367.D
 Acq: 5 Dec 2017 4:01

Tgt Ion	Ratio	Lower	Upper
162	100		
127	34.0	30.7	46.1
164	33.3	26.0	39.0





#47

2-Nitroaniline

Concen: 49.861 ng

RT: 13.84 min Scan# 1796

Delta R.T. -0.01 min

Lab File: BG031367.D

Acq: 5 Dec 2017 4:01

Instrument :

BNA_G

ClientSampleId :

IDOC-SOIL-3

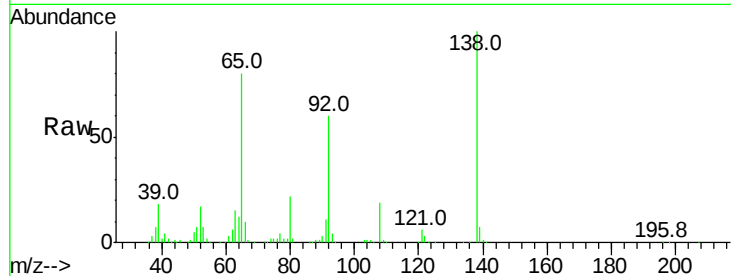
Tot Ion: 65 Resp: 163101

Ion Ratio Lower Upper

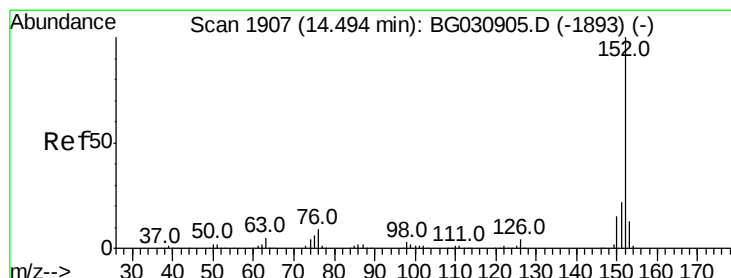
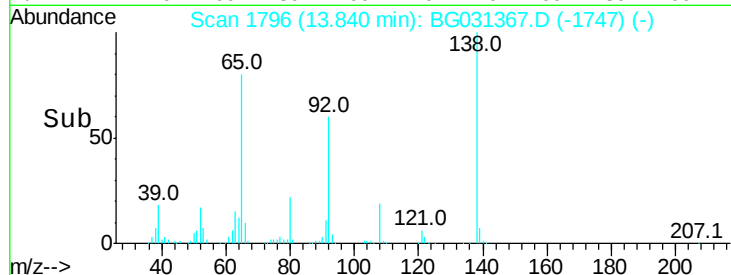
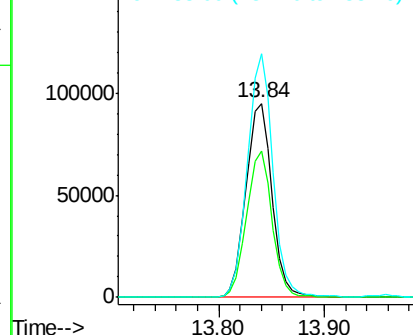
65 100

92 75.1 54.6 82.0

138 125.5 72.9 109.3#



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#48

Acenaphthylene

Concen: 48.600 ng

RT: 14.47 min Scan# 1904

Delta R.T. -0.02 min

Lab File: BG031367.D

Acq: 5 Dec 2017 4:01

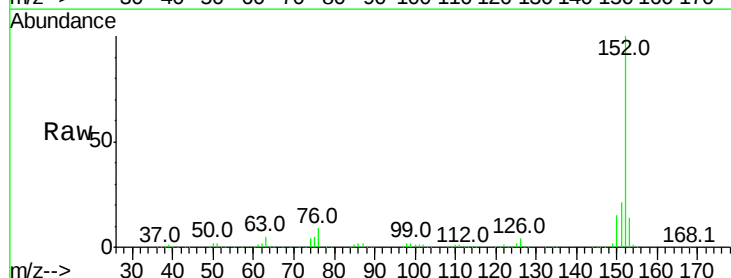
Tgt Ion: 152 Resp: 877877

Ion Ratio Lower Upper

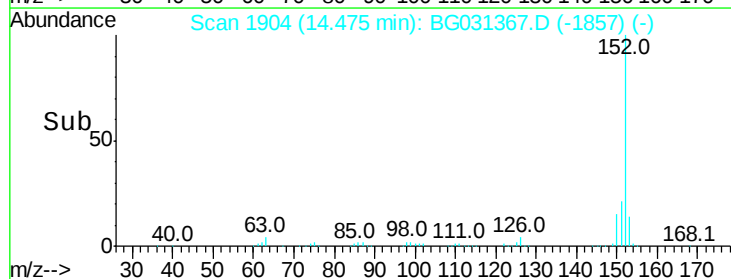
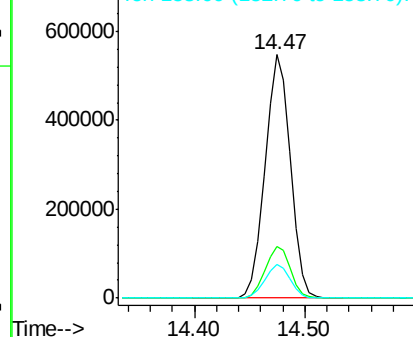
152 100

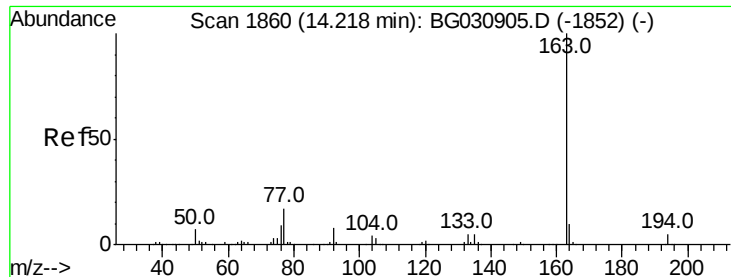
151 21.3 17.2 25.8

153 13.9 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): BGC
Ion 151.00 (150.70 to 151.70): BGC
Ion 153.00 (152.70 to 153.70): BGC





#49

Dimethylphthalate

Concen: 54.744 ng

RT: 14.20 min Scan# 1857

Delta R.T. -0.02 min

Lab File: BG031367.D

Acq: 5 Dec 2017 4:01

Instrument :

BNA_G

ClientSampleId :

IDOC-SOIL-3

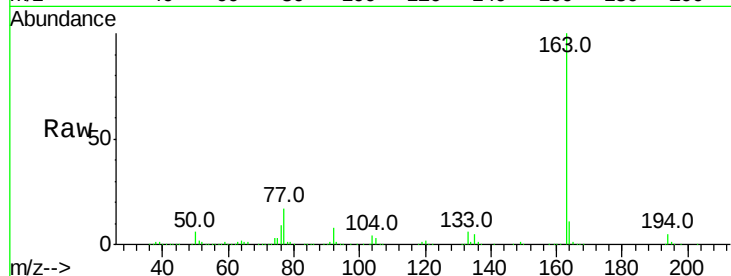
Tot Ion:163 Resp: 873127

Ion Ratio Lower Upper

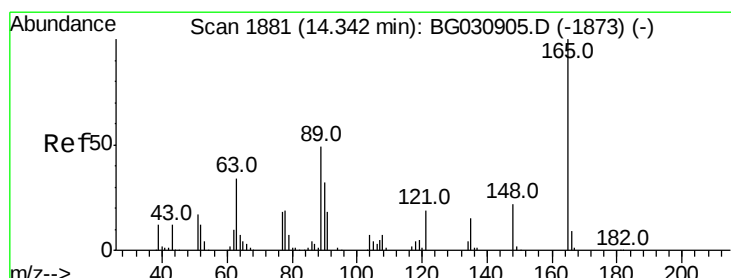
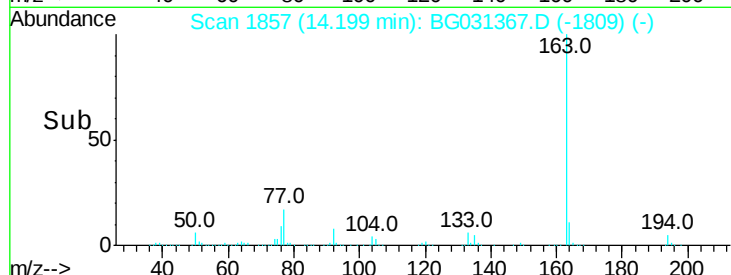
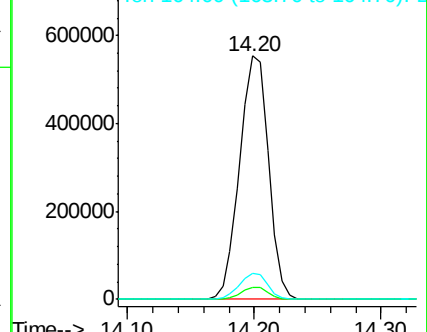
163 100

194 5.1 3.4 5.2

164 10.7 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: 55.106 ng

RT: 14.33 min Scan# 1879

Delta R.T. -0.01 min

Lab File: BG031367.D

Acq: 5 Dec 2017 4:01

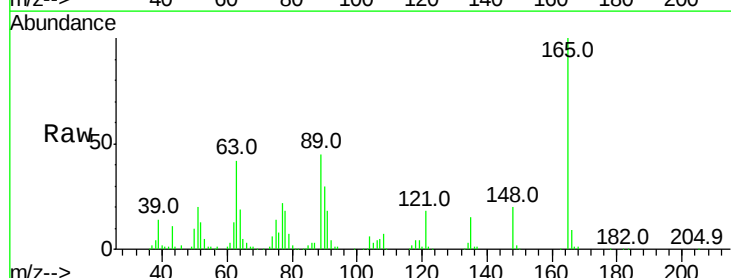
Tgt Ion:165 Resp: 181155

Ion Ratio Lower Upper

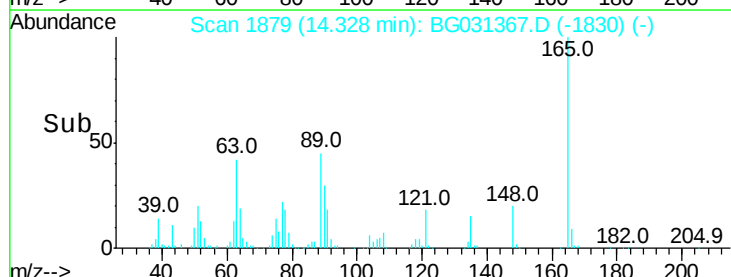
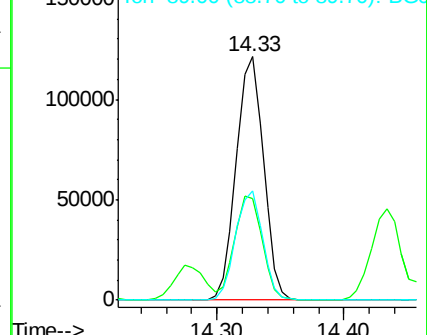
165 100

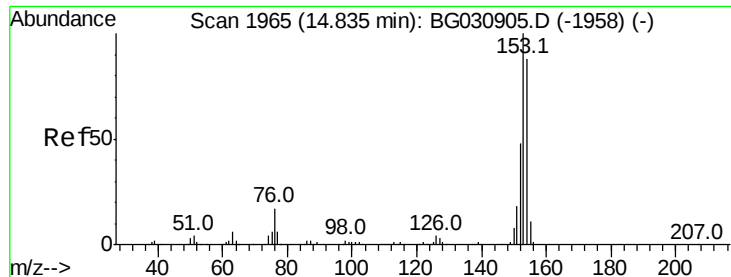
63 41.7 52.7 79.1#

89 45.1 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: 49.186 ng

RT: 14.82 min Scan# 1962

Delta R.T. -0.02 min

Lab File: BG031367.D

Acq: 5 Dec 2017 4:01

Instrument :

BNA_G

ClientSampleId :

IDOC-SOIL-3

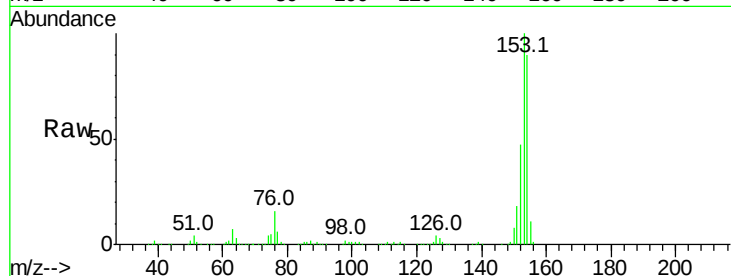
Tot Ion:154 Resp: 554867

Ion Ratio Lower Upper

154 100

153 111.1 90.4 135.6

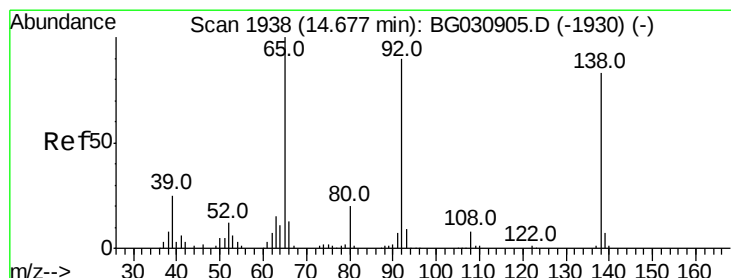
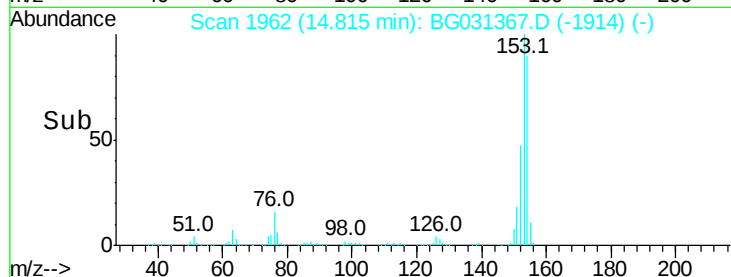
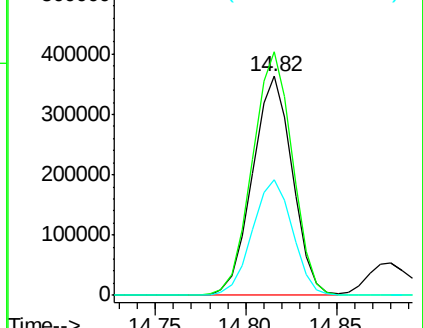
152 52.7 41.6 62.4



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: 37.522 ng

RT: 14.66 min Scan# 1936

Delta R.T. -0.01 min

Lab File: BG031367.D

Acq: 5 Dec 2017 4:01

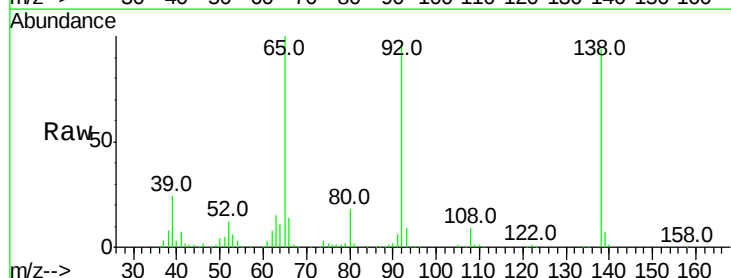
Tgt Ion:138 Resp: 130974

Ion Ratio Lower Upper

138 100

108 9.2 17.5 26.3#

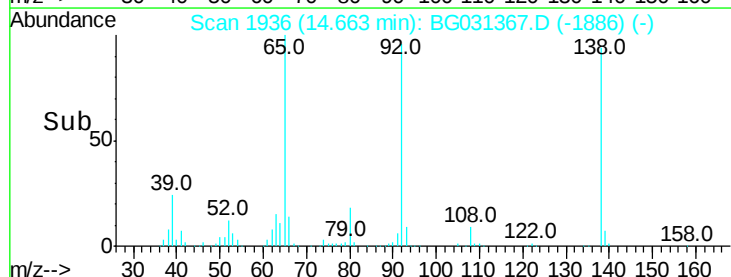
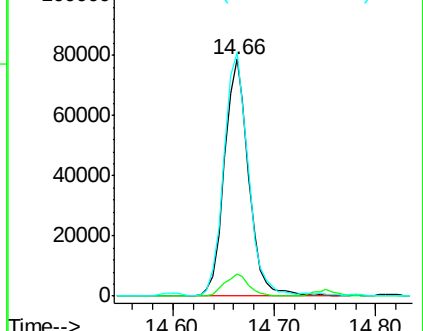
92 102.7 105.8 158.8#

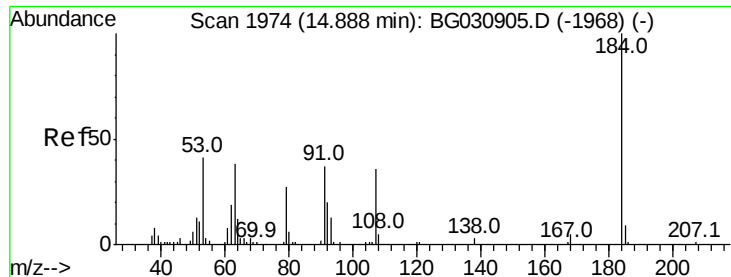


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

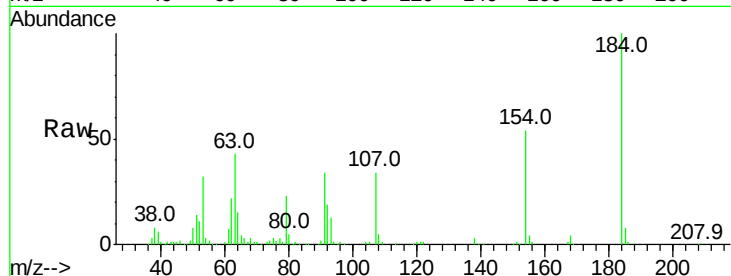




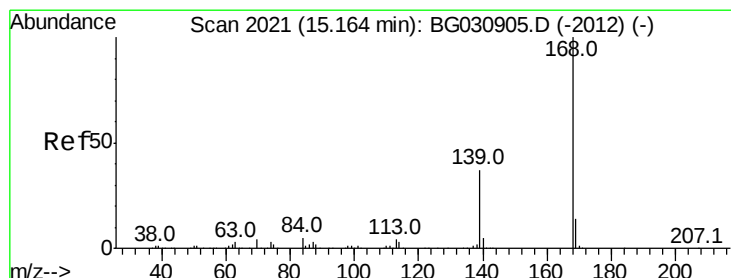
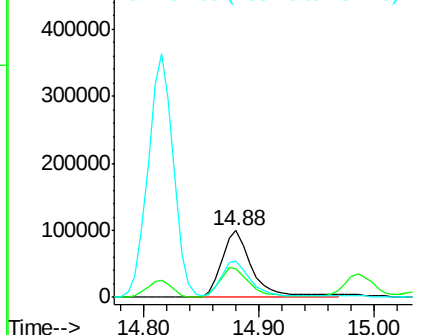
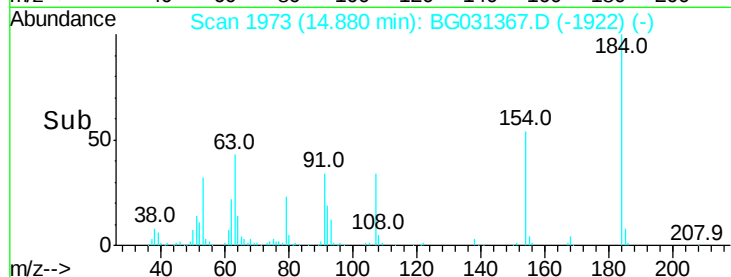
#53
2,4-Dinitrophenol
Concen: 99.521 ng
RT: 14.88 min Scan# 1973
Delta R.T. 0.00 min
Lab File: BG031367.D
Acq: 5 Dec 2017 4:01

Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-3

Tot Ion:184 Resp: 182781
Ion Ratio Lower Upper
184 100
63 43.3 59.8 89.8#
154 54.2 101.8 152.8#

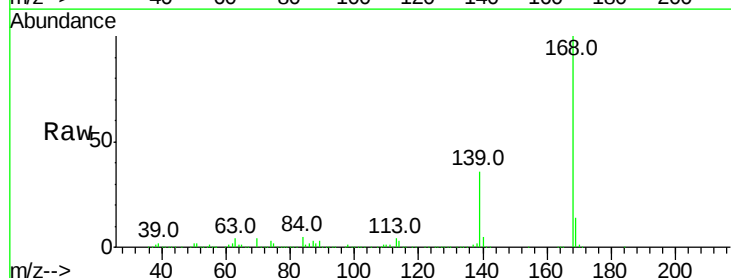


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

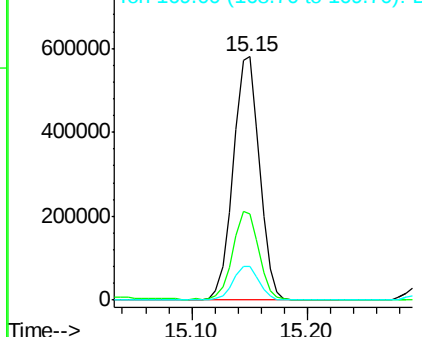
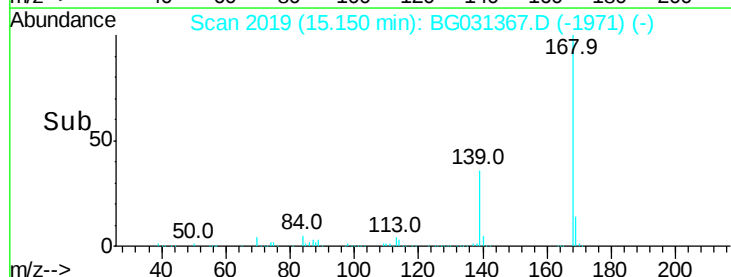


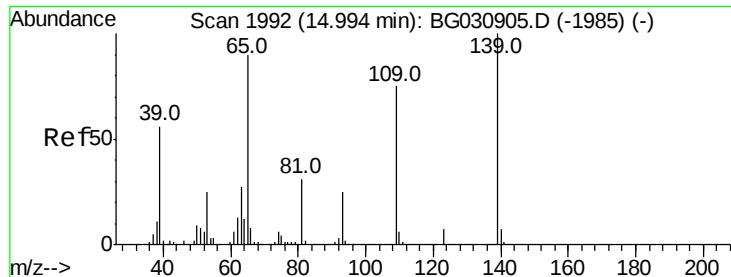
#54
Dibenzofuran
Concen: 50.739 ng
RT: 15.15 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BG031367.D
Acq: 5 Dec 2017 4:01

Tgt Ion:168 Resp: 911724
Ion Ratio Lower Upper
168 100
139 35.6 28.6 43.0
169 14.0 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: 101.002 ng

RT: 14.99 min Scan# 1991

Delta R.T. 0.01 min

Lab File: BG031367.D

Acq: 5 Dec 2017 4:01

Instrument :

BNA_G

ClientSampleId :

IDOC-SOIL-3

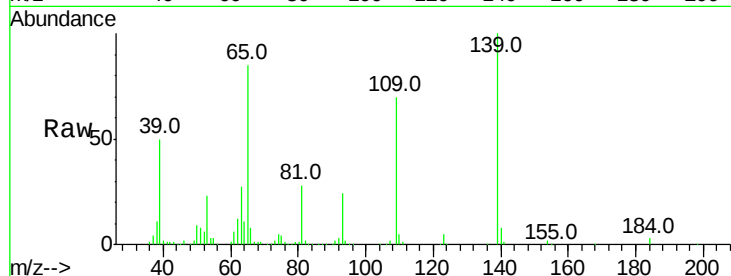
Tot Ion:139 Resp: 251139

Ion Ratio Lower Upper

139 100

109 70.4 62.2 102.2

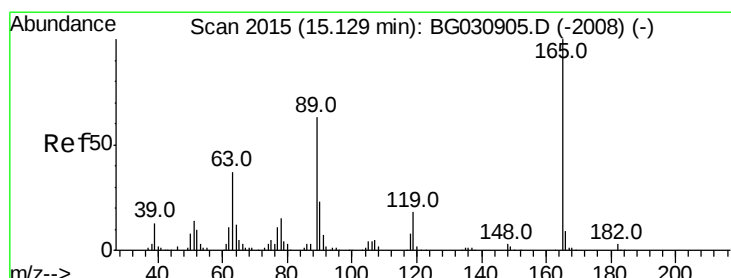
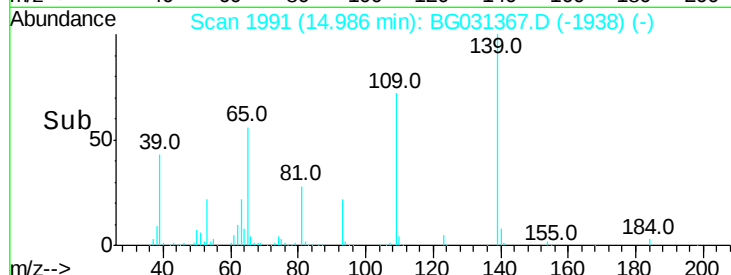
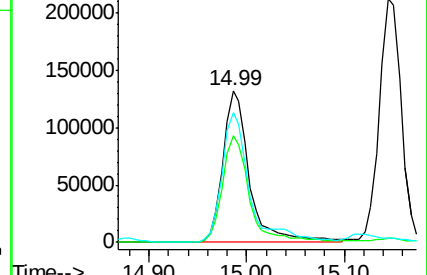
65 85.3 97.2 137.2#



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: 54.740 ng

RT: 15.12 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BG031367.D

Acq: 5 Dec 2017 4:01

Tgt Ion:165 Resp: 260151

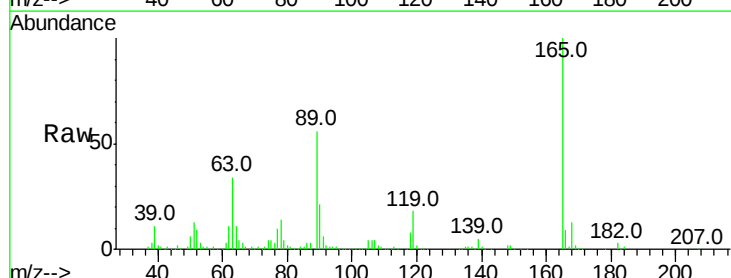
Ion Ratio Lower Upper

165 100

63 33.9 42.0 63.0#

89 56.1 66.9 100.3#

182 2.9 2.6 3.8

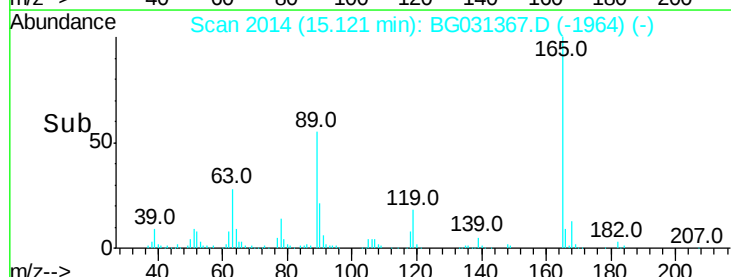
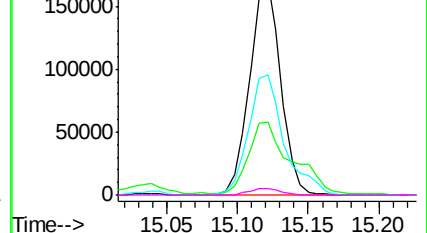


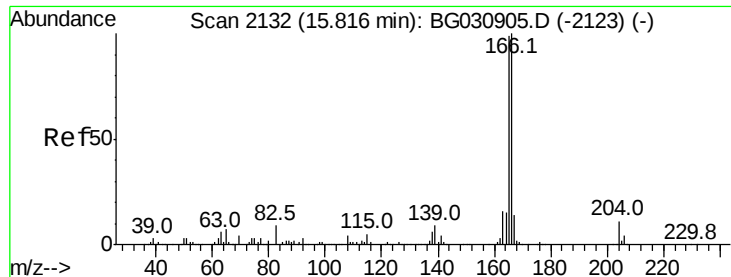
Abundance Ion 165.00 (164.70 to 165.70): E

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: 49.699 ng

RT: 15.80 min Scan# 2129

Delta R.T. -0.02 min

Lab File: BG031367.D

Acq: 5 Dec 2017 4:01

Instrument :

BNA_G

ClientSampleId :

IDOC-SOIL-3

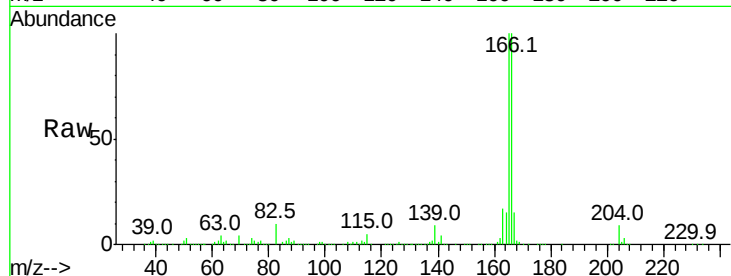
Tot Ion:166 Resp: 725023

Ion Ratio Lower Upper

166 100

165 99.8 80.6 121.0

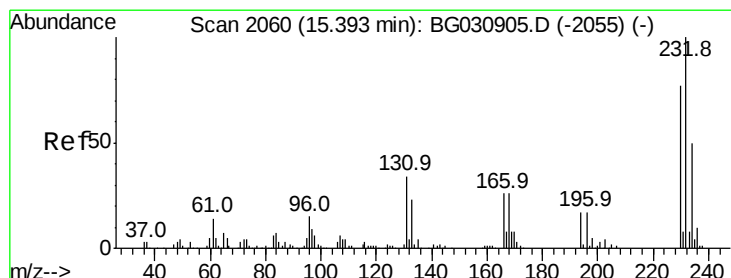
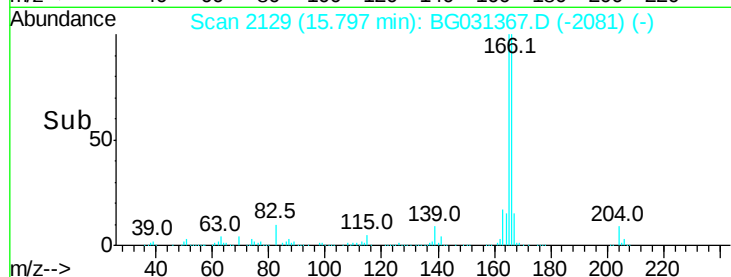
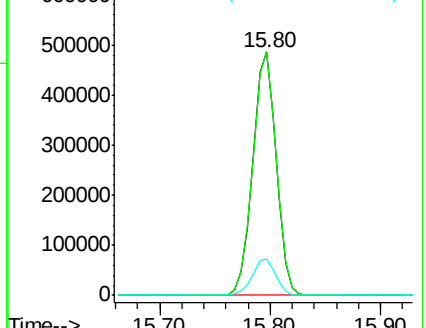
167 14.7 10.4 15.6



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: 54.940 ng

RT: 15.38 min Scan# 2058

Delta R.T. -0.01 min

Lab File: BG031367.D

Acq: 5 Dec 2017 4:01

Tgt Ion:232 Resp: 239778

Ion Ratio Lower Upper

232 100

131 33.4 33.5 50.3#

130 1.9 2.2 3.2#

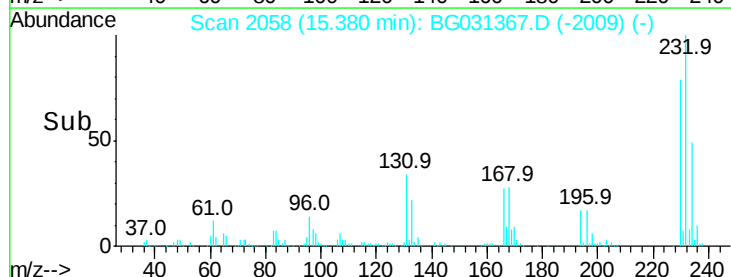
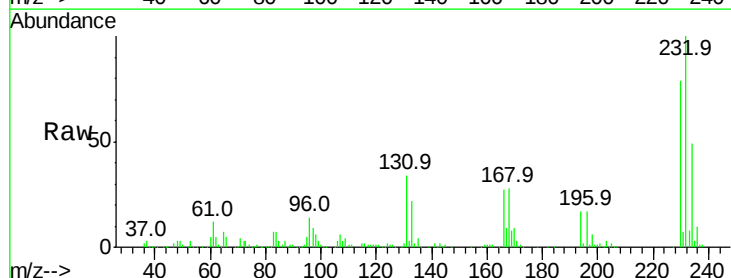
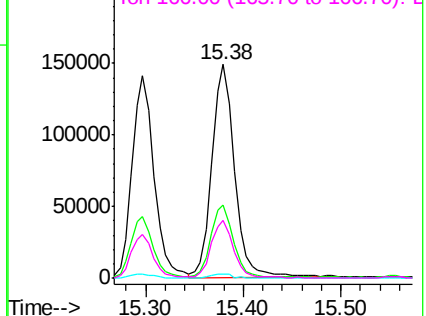
166 26.4 24.8 37.2

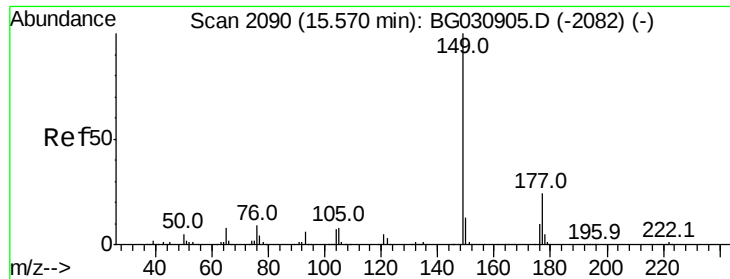
Abundance Ion 232.00 (231.70 to 232.70): E

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: 48.061 ng

RT: 15.55 min Scan# 2087

Delta R.T. -0.02 min

Lab File: BG031367.D

Acq: 5 Dec 2017 4:01

Instrument :

BNA_G

ClientSampleId :

IDOC-SOIL-3

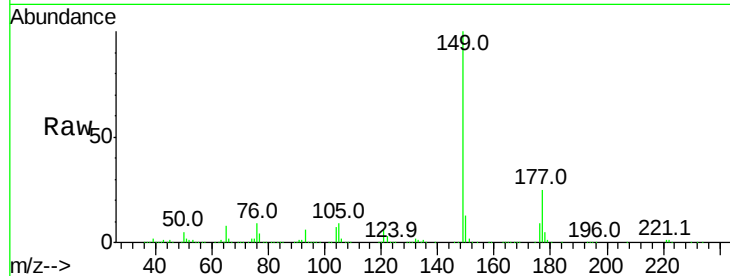
Tot Ion:149 Resp: 778637

Ion Ratio Lower Upper

149 100

177 25.4 18.5 27.7

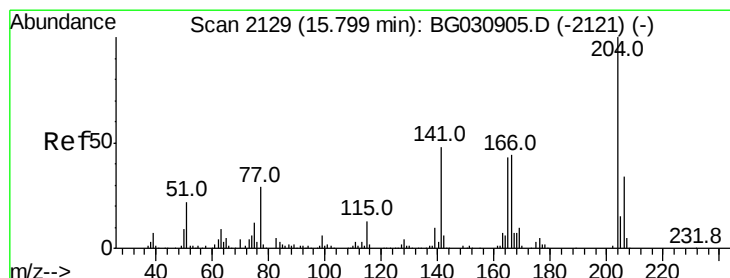
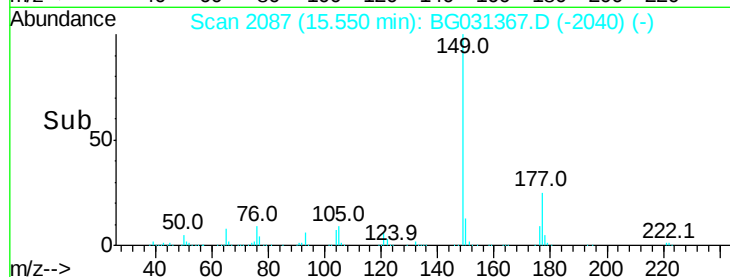
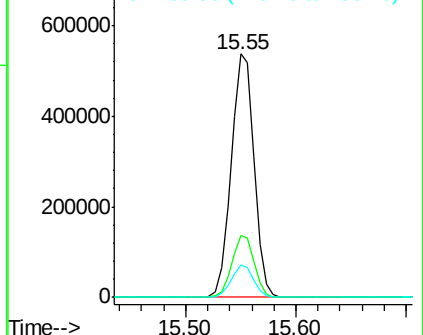
150 13.5 10.2 15.2



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: 49.850 ng

RT: 15.78 min Scan# 2126

Delta R.T. -0.02 min

Lab File: BG031367.D

Acq: 5 Dec 2017 4:01

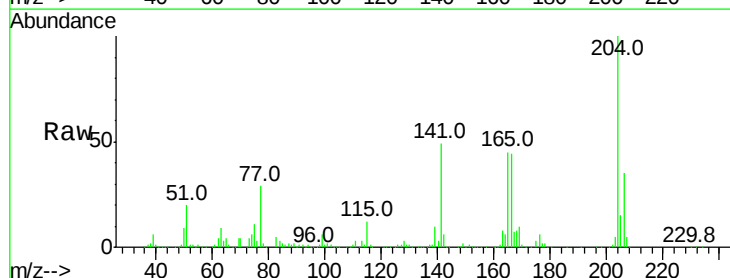
Tgt Ion:204 Resp: 439203

Ion Ratio Lower Upper

204 100

206 35.0 26.2 39.2

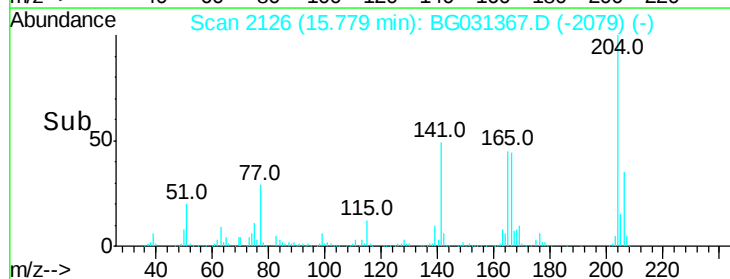
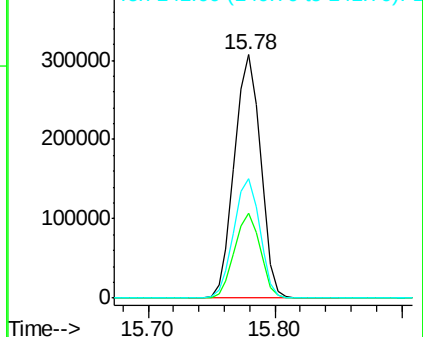
141 48.9 45.8 68.6

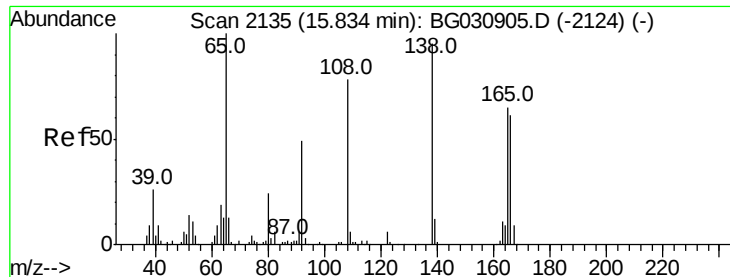


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 51.228 ng

RT: 15.83 min Scan# 2134

Delta R.T. -0.01 min

Lab File: BG031367.D

Acq: 5 Dec 2017 4:01

Instrument :

BNA_G

ClientSampleId :

IDOC-SOIL-3

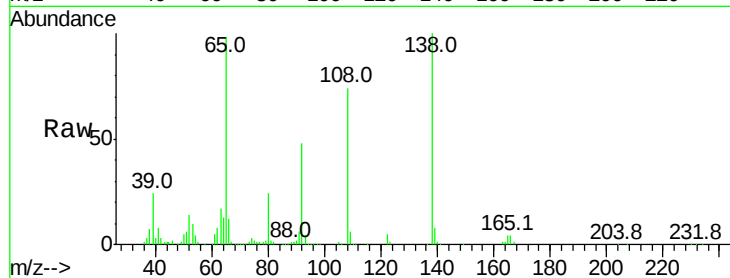
Tot Ion:138 Resp: 189349

Ion Ratio Lower Upper

138 100

92 47.6 40.1 80.1

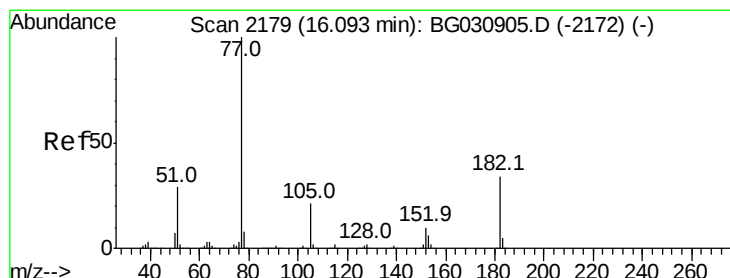
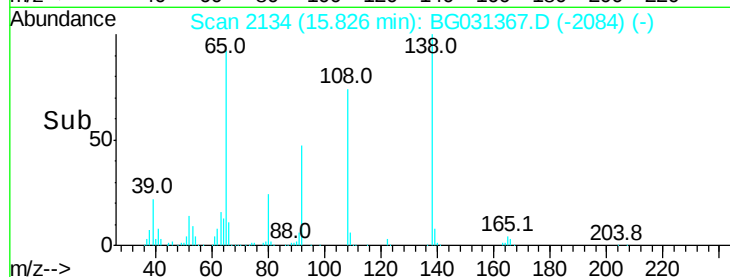
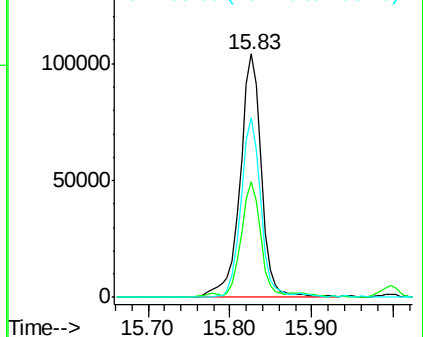
108 74.0 65.4 105.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 49.941 ng

RT: 16.07 min Scan# 2176

Delta R.T. -0.02 min

Lab File: BG031367.D

Acq: 5 Dec 2017 4:01

Tgt Ion: 77 Resp: 617046

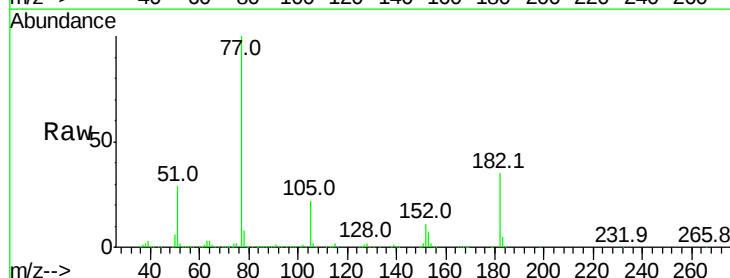
Ion Ratio Lower Upper

77 100

182 35.0 7.4 47.4

105 22.1 0.3 40.3

51 28.6 11.6 51.6

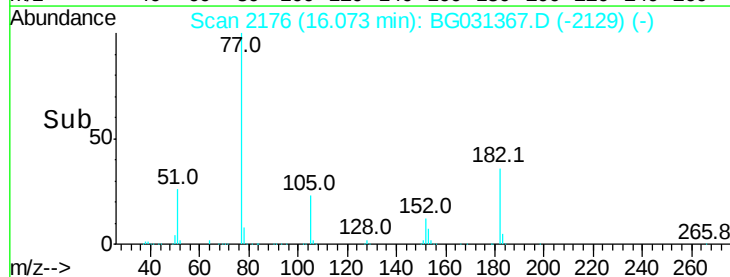
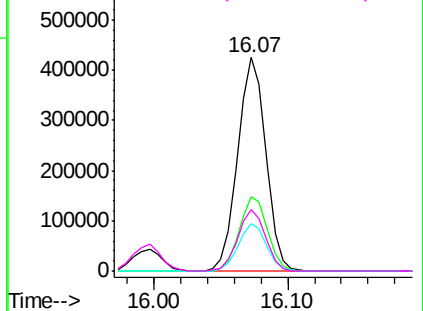


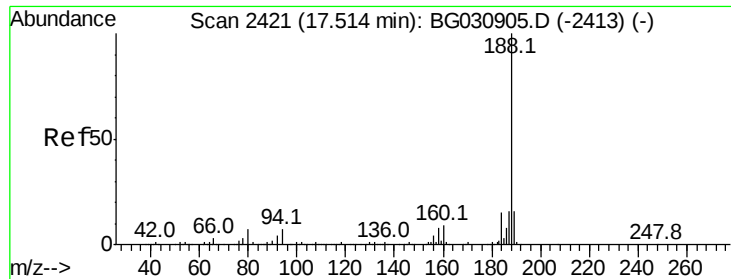
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC

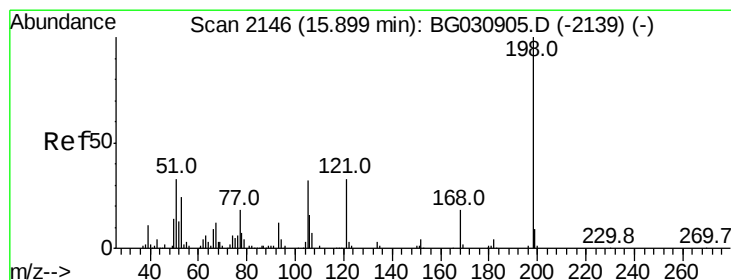
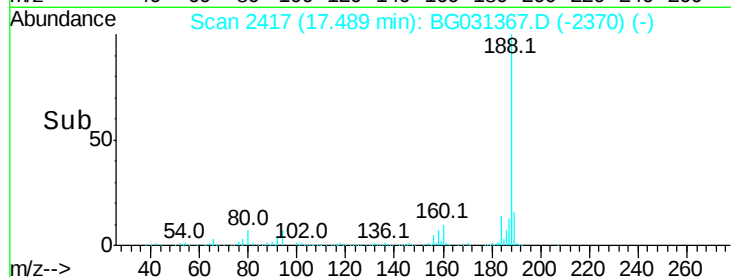
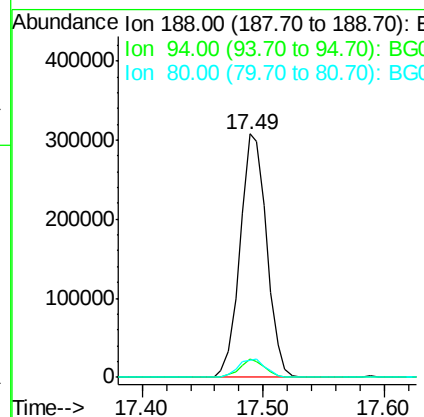
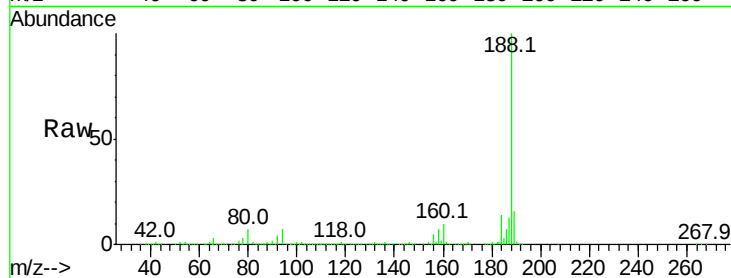




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.02 min
Lab File: BG031367.D
Acq: 5 Dec 2017 4:01

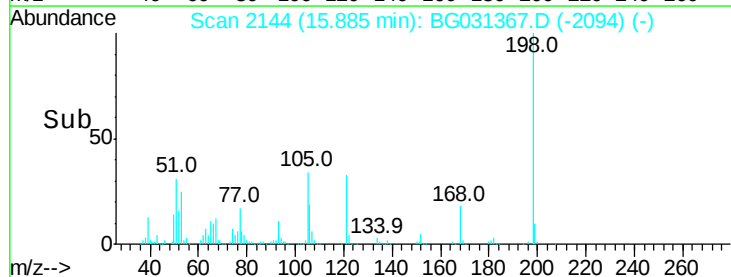
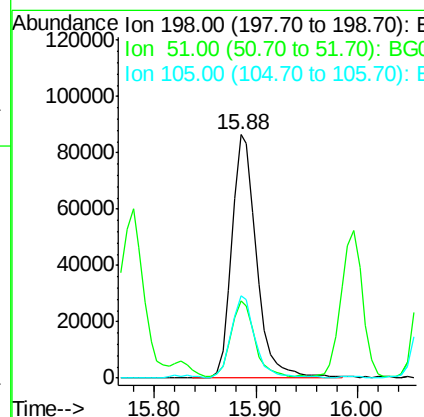
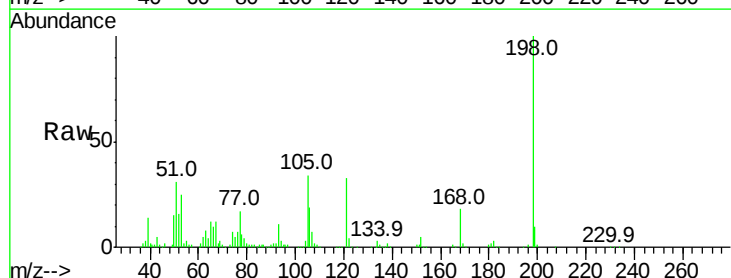
Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-3

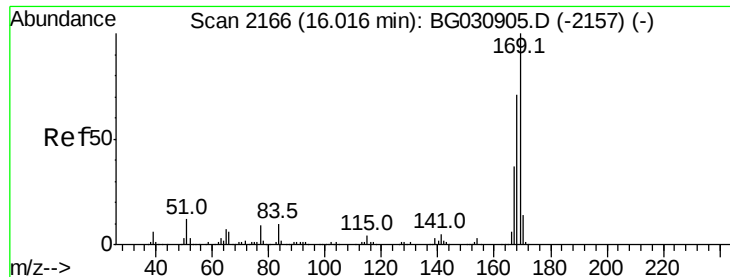
Tot Ion:188 Resp: 472793
Ion Ratio Lower Upper
188 100
94 7.4 6.9 10.3
80 7.3 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 46.741 ng
RT: 15.88 min Scan# 2144
Delta R.T. -0.01 min
Lab File: BG031367.D
Acq: 5 Dec 2017 4:01

Tgt Ion:198 Resp: 146890
Ion Ratio Lower Upper
198 100
51 31.5 30.6 70.6
105 33.9 23.8 63.8

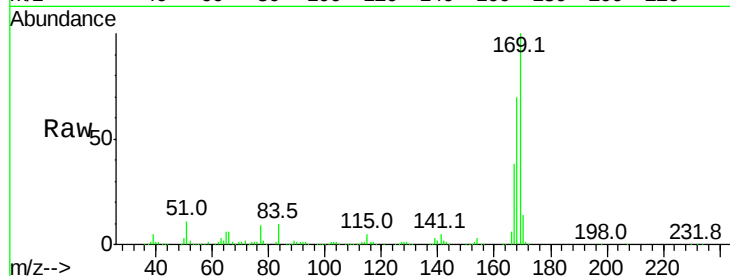




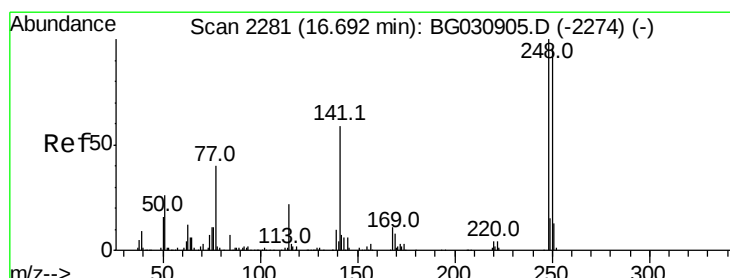
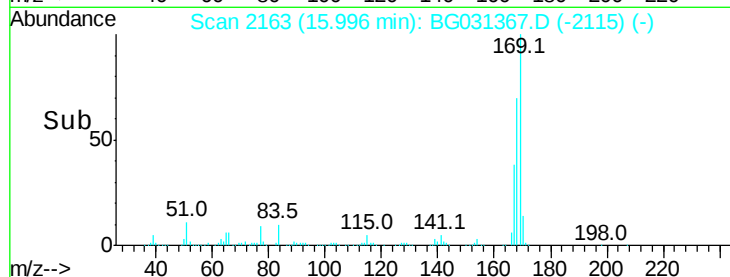
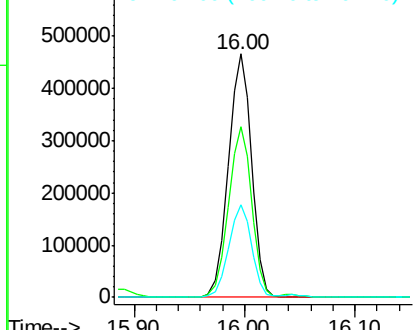
#65
n-Nitrosodiphenylamine
Concen: 47.879 ng
RT: 16.00 min Scan# 2163
Delta R.T. -0.02 min
Lab File: BG031367.D
Acq: 5 Dec 2017 4:01

Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-3

Tot Ion:169 Resp: 685954
Ion Ratio Lower Upper
169 100
168 70.2 55.7 83.5
167 38.3 30.1 45.1

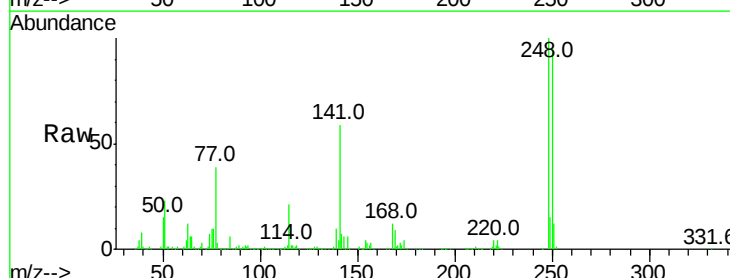


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

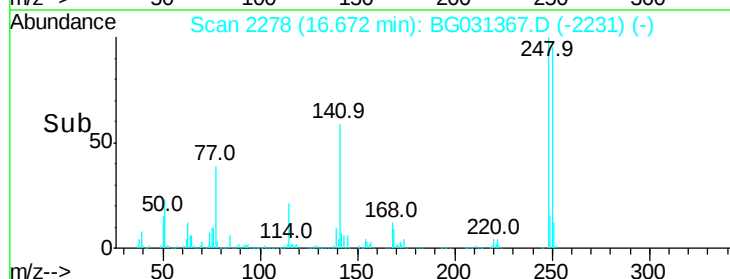
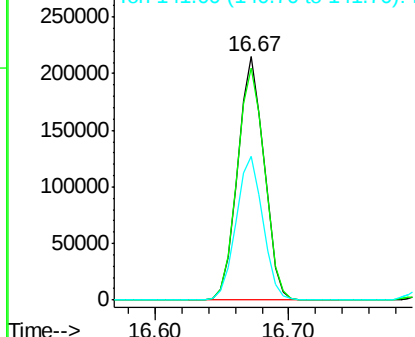


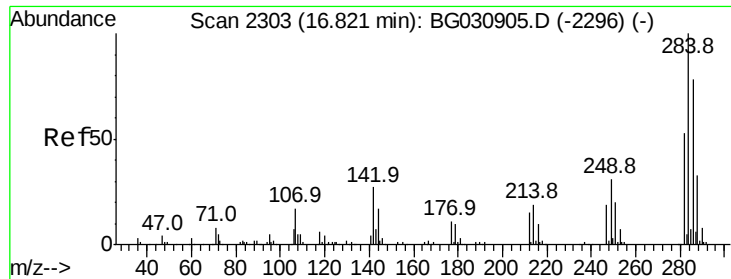
#66
4-Bromophenyl-phenylether
Concen: 49.255 ng
RT: 16.67 min Scan# 2278
Delta R.T. -0.02 min
Lab File: BG031367.D
Acq: 5 Dec 2017 4:01

Tgt Ion:248 Resp: 294947
Ion Ratio Lower Upper
248 100
250 95.4 77.1 115.7
141 58.8 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: 47.041 ng

RT: 16.80 min Scan# 2300

Delta R.T. -0.02 min

Lab File: BG031367.D

Acq: 5 Dec 2017 4:01

Instrument :

BNA_G

ClientSampleId :

IDOC-SOIL-3

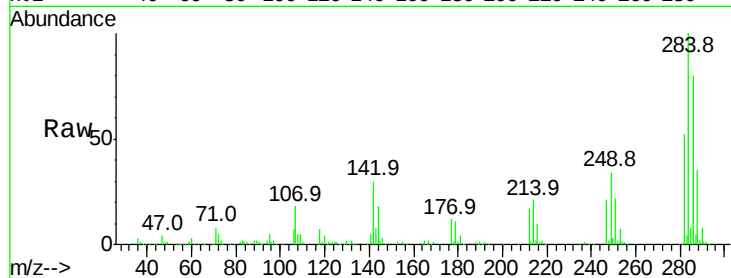
Tot Ion:284 Resp: 299305

Ion Ratio Lower Upper

284 100

142 30.2 26.8 40.2

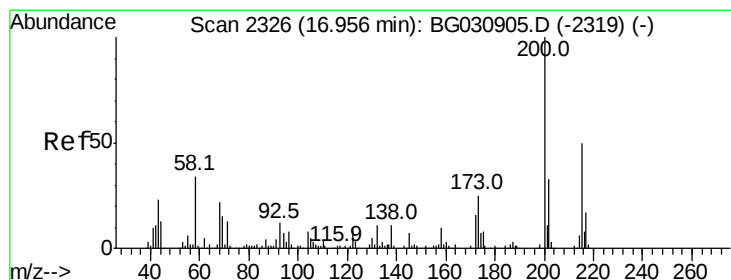
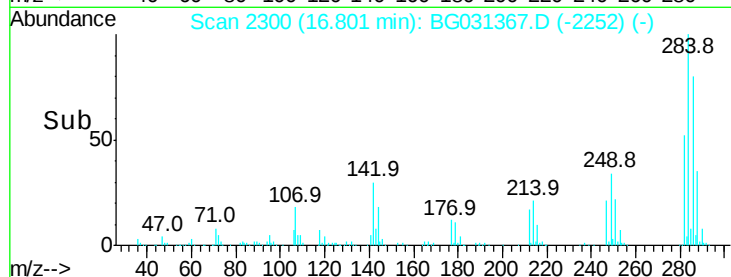
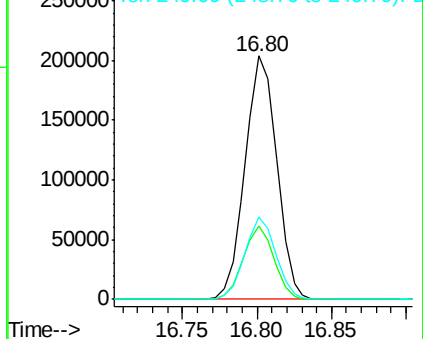
249 33.9 26.3 39.5



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: 49.332 ng

RT: 16.94 min Scan# 2323

Delta R.T. -0.02 min

Lab File: BG031367.D

Acq: 5 Dec 2017 4:01

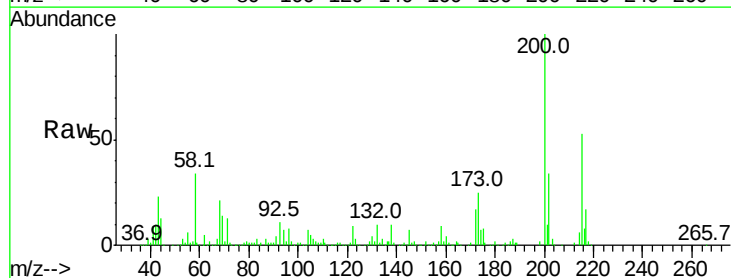
Tgt Ion:200 Resp: 291610

Ion Ratio Lower Upper

200 100

173 25.1 5.2 45.2

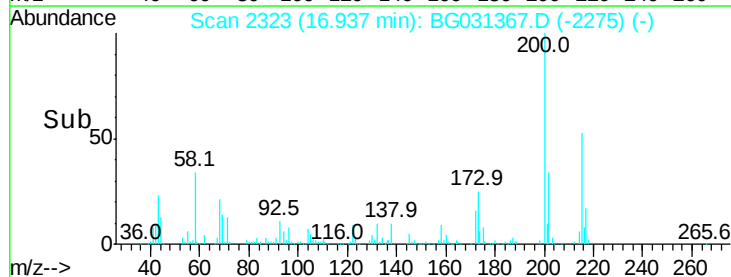
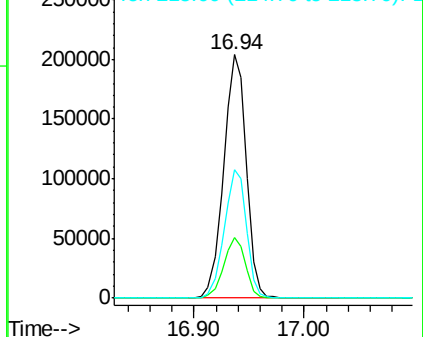
215 52.6 30.4 70.4

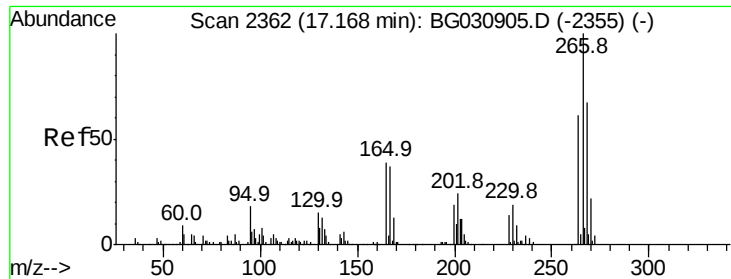


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

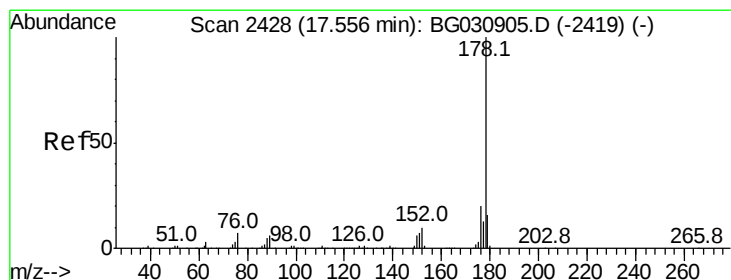
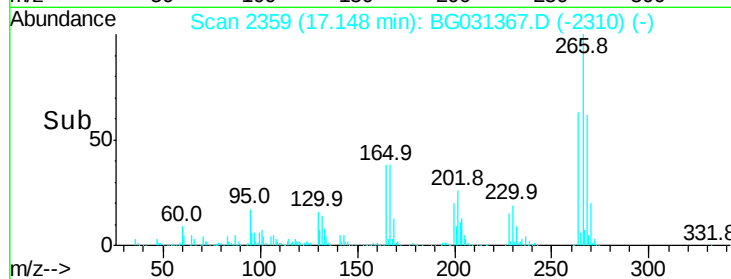
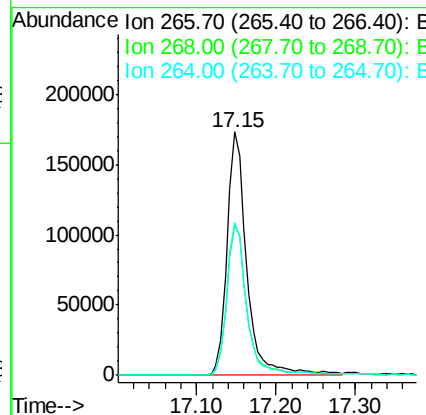
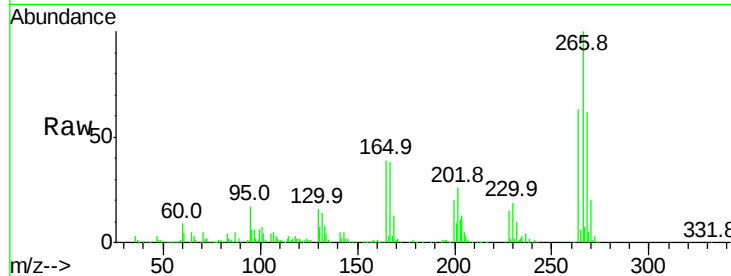




#69
 Pentachlorophenol
 Concen: 85.200 ng
 RT: 17.15 min Scan# 2359
 Delta R.T. -0.01 min
 Lab File: BG031367.D
 Acq: 5 Dec 2017 4:01

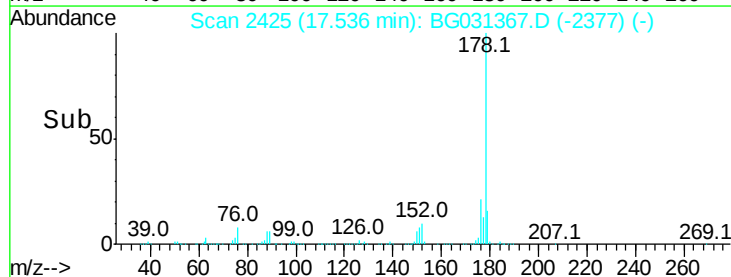
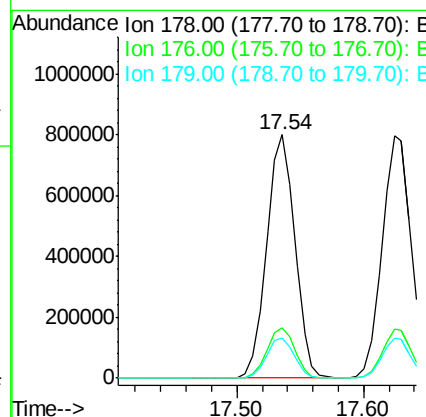
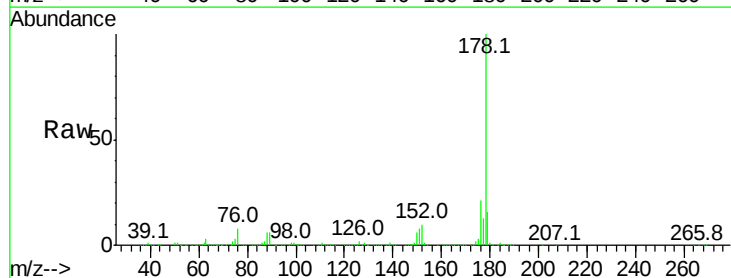
Instrument :
 BNA_G
 ClientSampleId :
 IDOC-SOIL-3

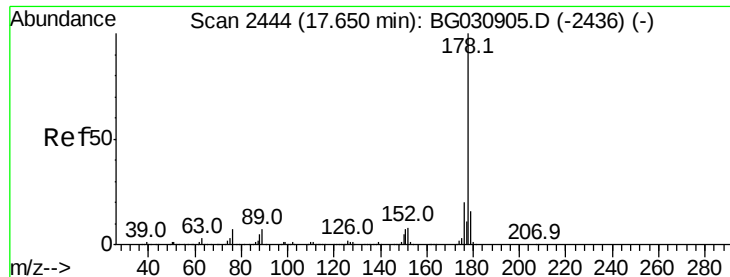
Tot Ion	Ratio	Lower	Upper
266	100		
268	61.9	51.1	76.7
264	62.9	49.6	74.4



#70
 Phenanthrene
 Concen: 50.233 ng
 RT: 17.54 min Scan# 2425
 Delta R.T. -0.02 min
 Lab File: BG031367.D
 Acq: 5 Dec 2017 4:01

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.8	15.7	23.5
179	16.4	12.5	18.7



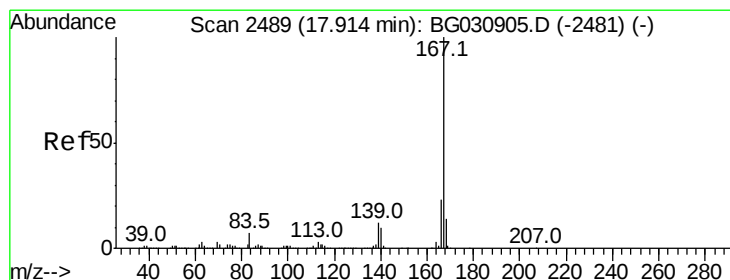
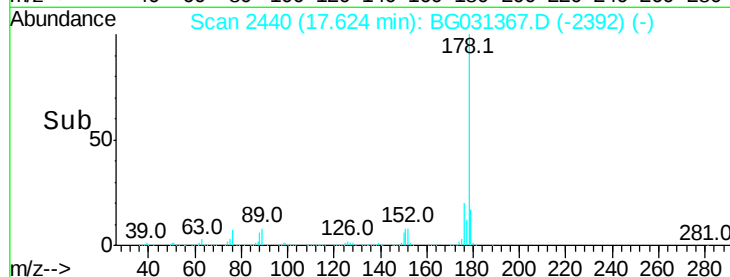
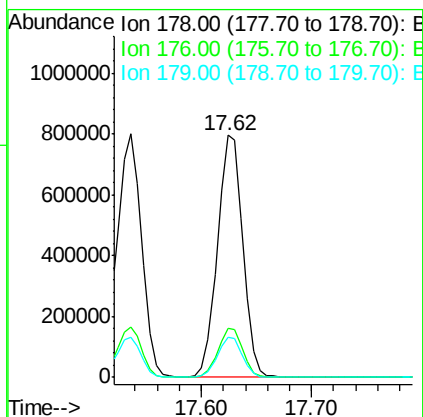
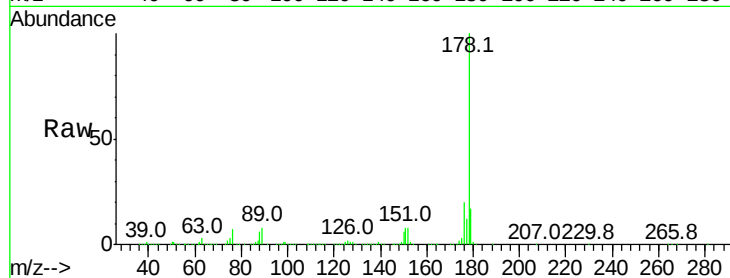


#71
 Anthracene
 Concen: 51.450 ng
 RT: 17.62 min Scan# 2440
 Delta R.T. -0.02 min
 Lab File: BG031367.D
 Acq: 5 Dec 2017 4:01

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-SOIL-3

Tot Ion:178 Resp: 1269084

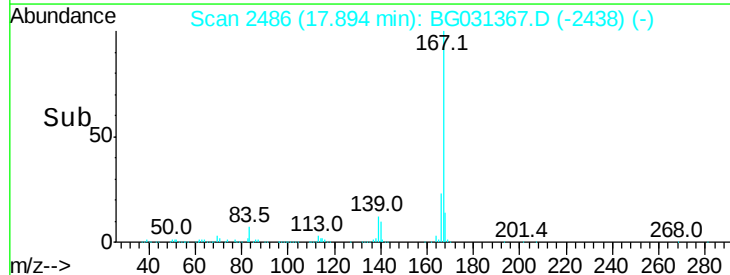
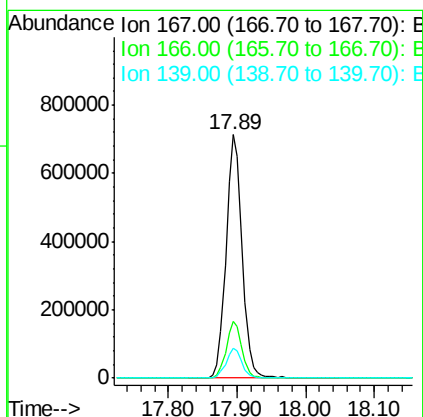
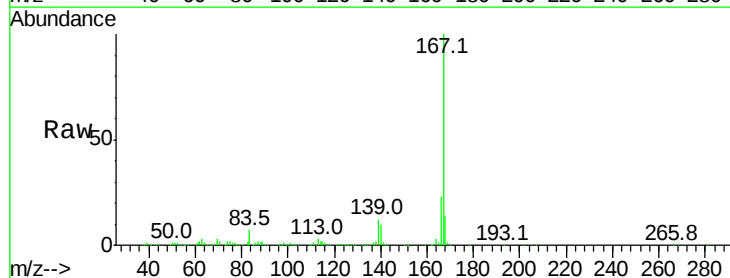
Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.0	24.0
179	16.8	12.5	18.7

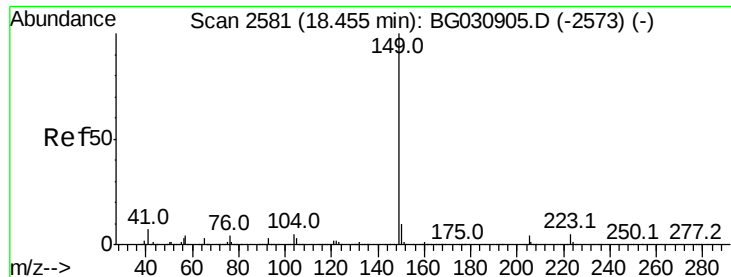


#72
 Carbazole
 Concen: 50.167 ng
 RT: 17.89 min Scan# 2486
 Delta R.T. -0.02 min
 Lab File: BG031367.D
 Acq: 5 Dec 2017 4:01

Tgt Ion:167 Resp: 1159471

Ion	Ratio	Lower	Upper
167	100		
166	23.5	18.2	27.4
139	12.1	9.4	14.2

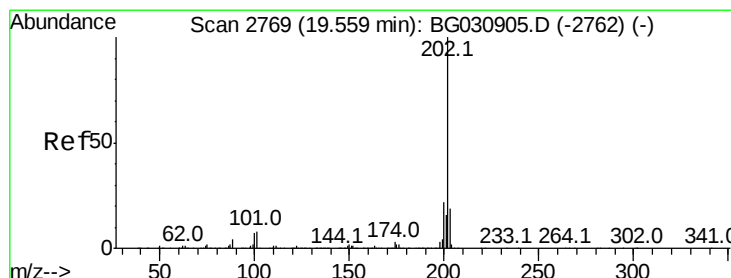
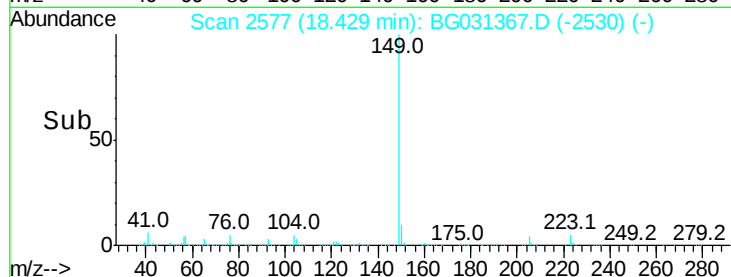
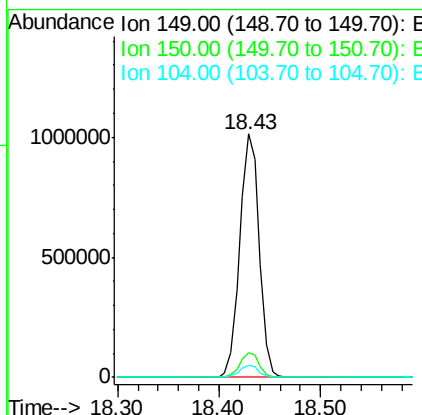
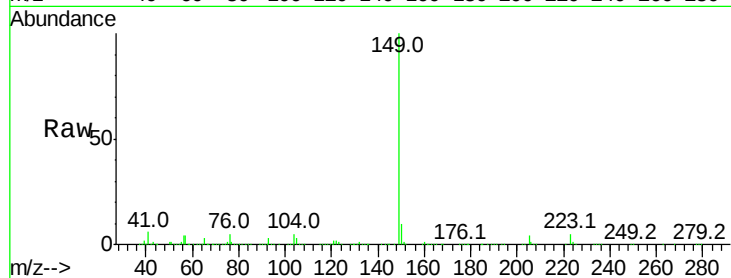




#73
Di-n-butylphthalate
Concen: 47.375 ng
RT: 18.43 min Scan# 2577
Delta R.T. -0.02 min
Lab File: BG031367.D
Acq: 5 Dec 2017 4:01

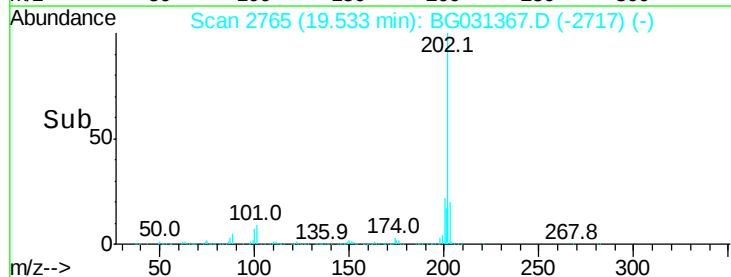
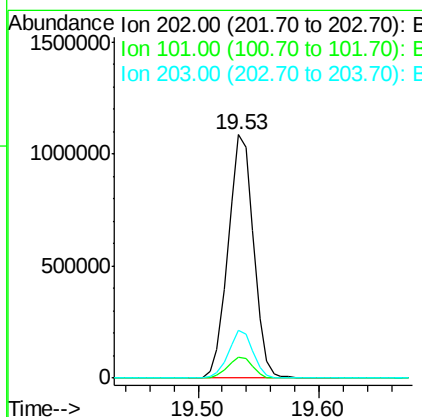
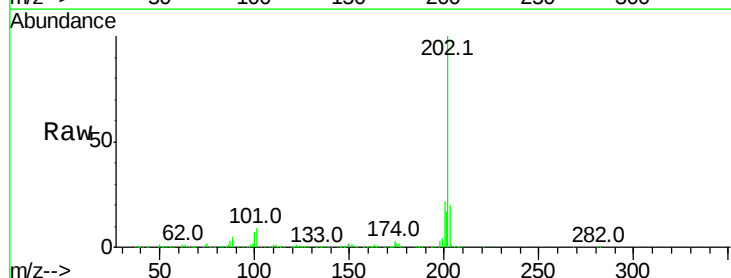
Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-3

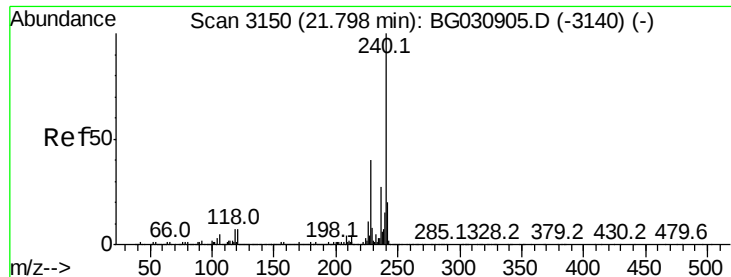
Tot Ion:149 Resp: 1344391
Ion Ratio Lower Upper
149 100
150 10.3 7.8 11.6
104 5.0 3.9 5.9



#74
Fluoranthene
Concen: 50.950 ng
RT: 19.53 min Scan# 2765
Delta R.T. -0.02 min
Lab File: BG031367.D
Acq: 5 Dec 2017 4:01

Tgt Ion:202 Resp: 1588037
Ion Ratio Lower Upper
202 100
101 8.7 0.0 28.9
203 19.6 0.0 37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.02 min

Lab File: BG031367.D

Acq: 5 Dec 2017 4:01

Instrument :

BNA_G

ClientSampleId :

IDOC-SOIL-3

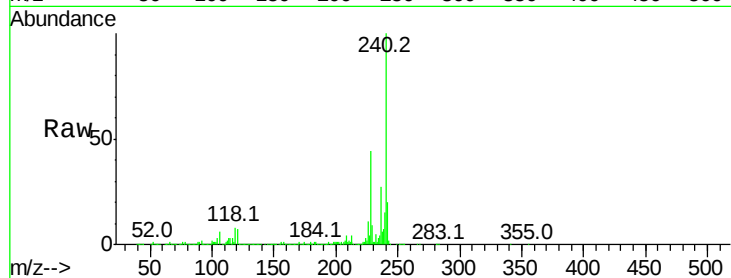
Tot Ion:240 Resp: 501655

Ion Ratio Lower Upper

240 100

120 7.4 6.8 10.2

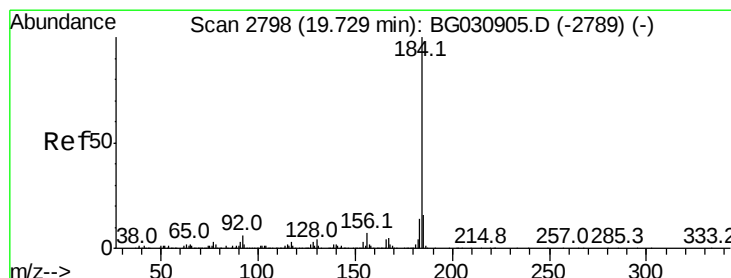
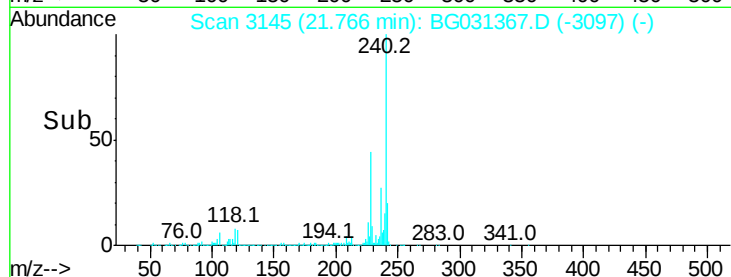
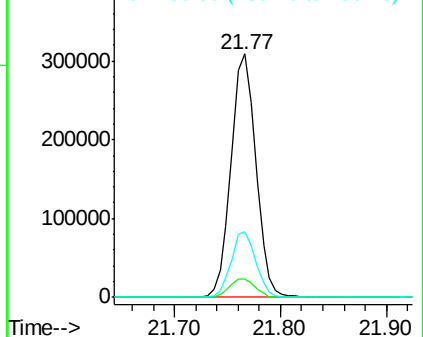
236 27.1 20.9 31.3



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: 12.804 ng

RT: 19.71 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BG031367.D

Acq: 5 Dec 2017 4:01

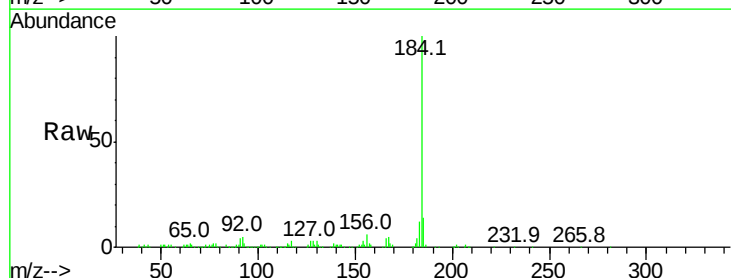
Tgt Ion:184 Resp: 206326

Ion Ratio Lower Upper

184 100

185 13.7 11.1 16.7

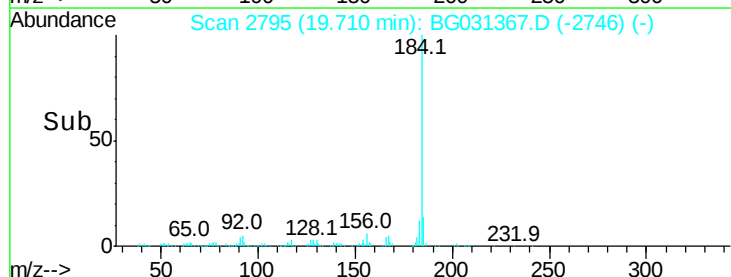
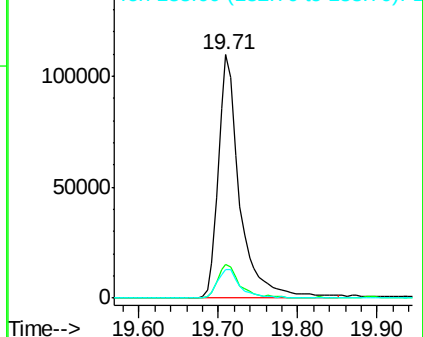
183 11.7 10.6 16.0



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: 54.158 ng

RT: 19.90 min Scan# 2827

Delta R.T. -0.02 min

Lab File: BG031367.D

Acq: 5 Dec 2017 4:01

Instrument :

BNA_G

ClientSampleId :

IDOC-SOIL-3

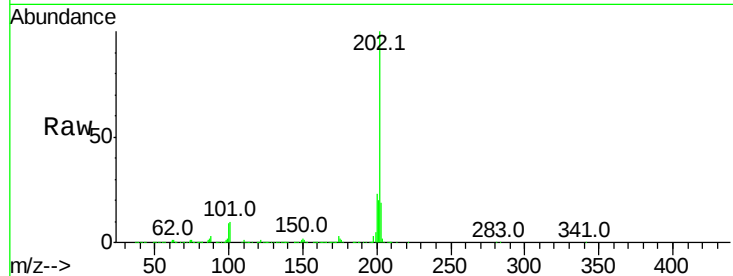
Tot Ion:202 Resp: 1612189

Ion	Ratio	Lower	Upper
202	100		
200	22.7	16.9	25.3
203	19.3	13.9	20.9

202 100

200 22.7 16.9 25.3

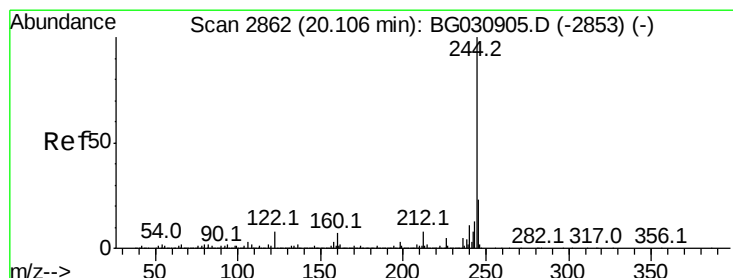
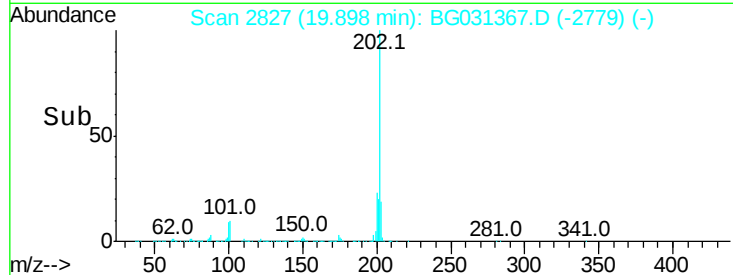
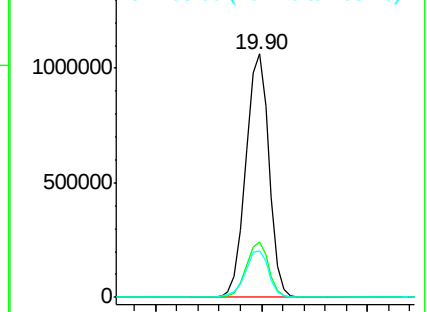
203 19.3 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 94.793 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.02 min

Lab File: BG031367.D

Acq: 5 Dec 2017 4:01

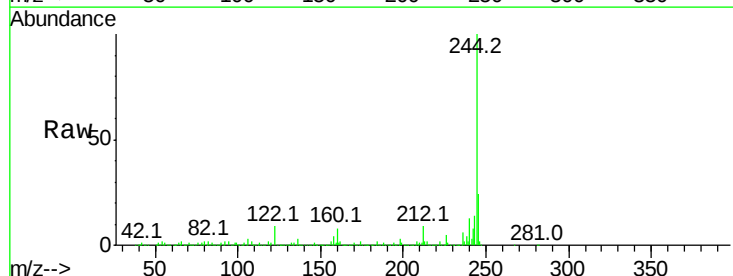
Tgt Ion:244 Resp: 2153591

Ion	Ratio	Lower	Upper
244	100		
212	8.9	5.8	8.8#
122	9.3	7.0	10.4

244 100

212 8.9 5.8 8.8#

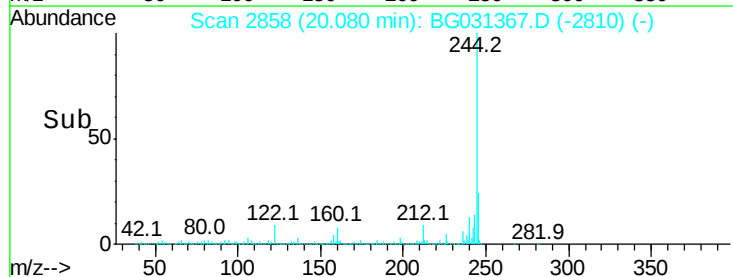
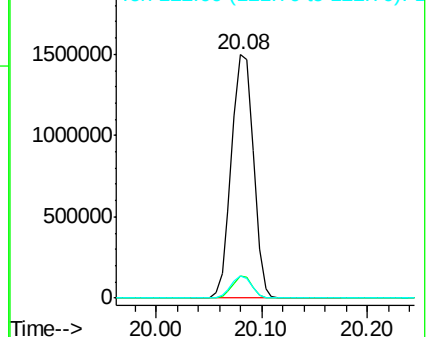
122 9.3 7.0 10.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 52.923 ng

RT: 20.76 min Scan# 2973

Delta R.T. -0.02 min

Lab File: BG031367.D

Acq: 5 Dec 2017 4:01

Instrument :

BNA_G

ClientSampleId :

IDOC-SOIL-3

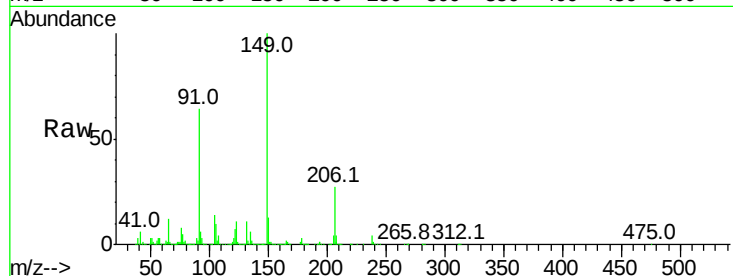
Tot Ion:149 Resp: 628148

Ion Ratio Lower Upper

149 100

91 63.8 62.2 93.2

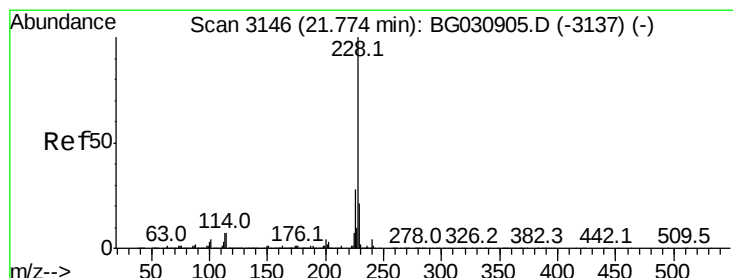
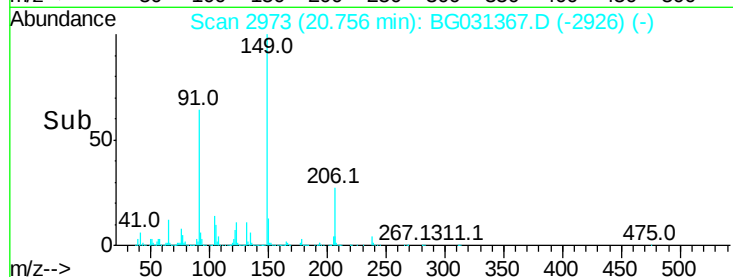
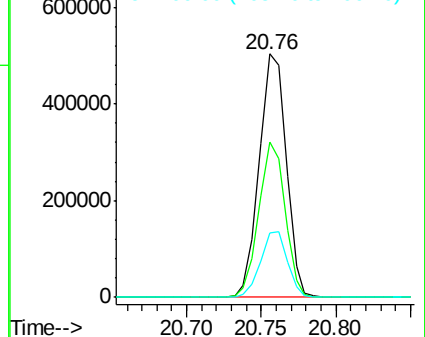
206 26.7 18.6 27.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 51.068 ng

RT: 21.74 min Scan# 3141

Delta R.T. -0.02 min

Lab File: BG031367.D

Acq: 5 Dec 2017 4:01

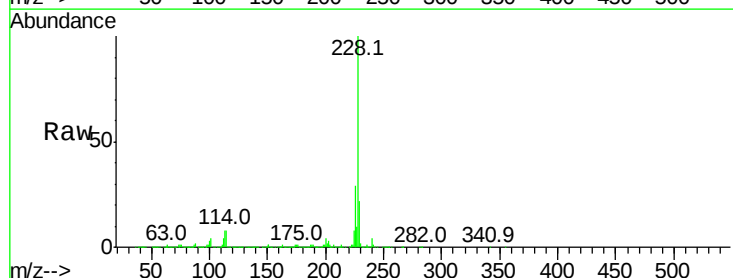
Tgt Ion:228 Resp: 1591318

Ion Ratio Lower Upper

228 100

226 29.3 22.7 34.1

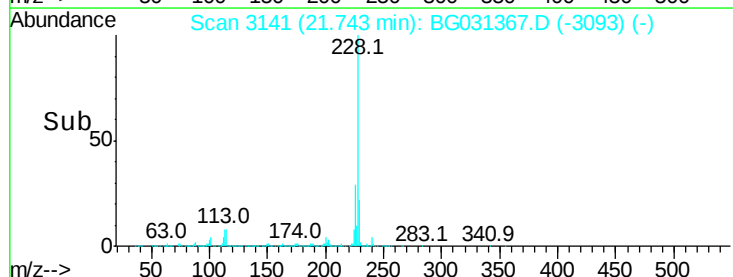
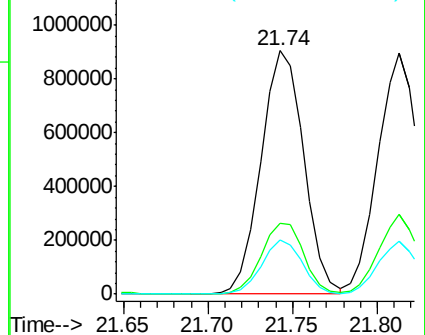
229 22.2 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

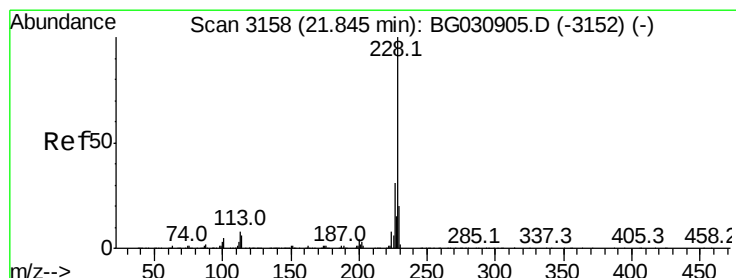
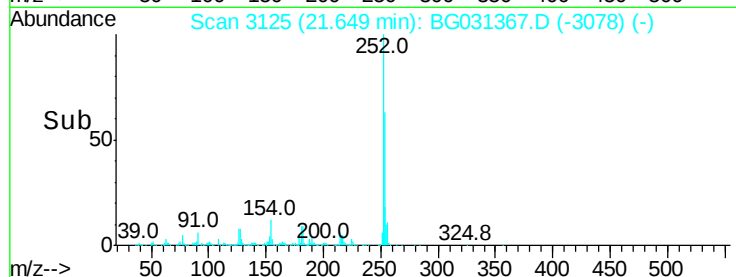
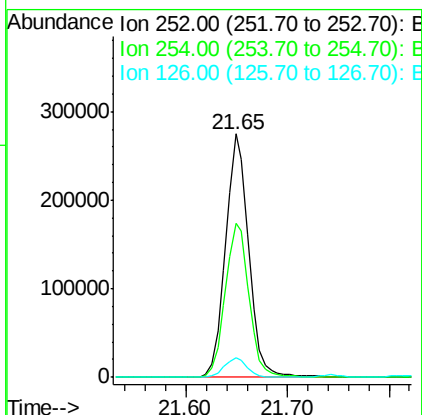
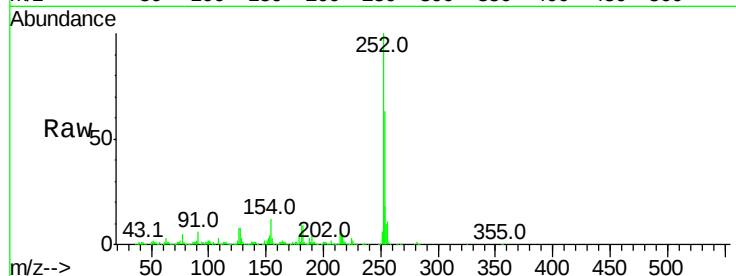




#81
 3,3'-Dichlorobenzidine
 Concen: 34.672 ng
 RT: 21.65 min Scan# 3125
 Delta R.T. -0.02 min
 Lab File: BG031367.D
 Acq: 5 Dec 2017 4:01

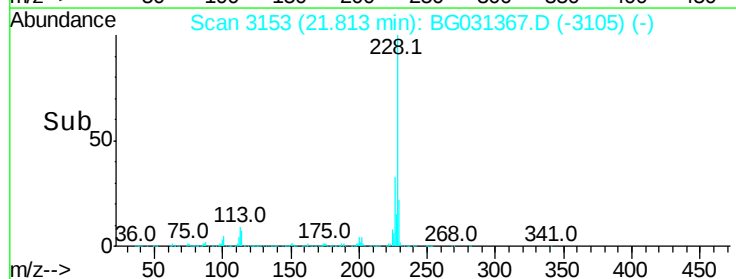
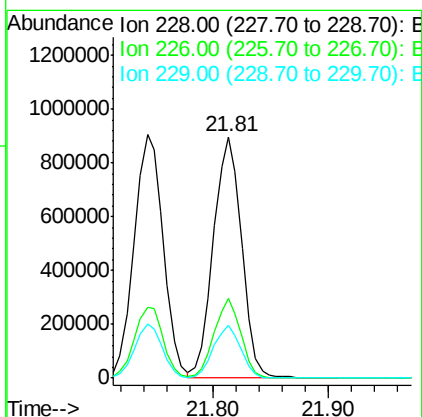
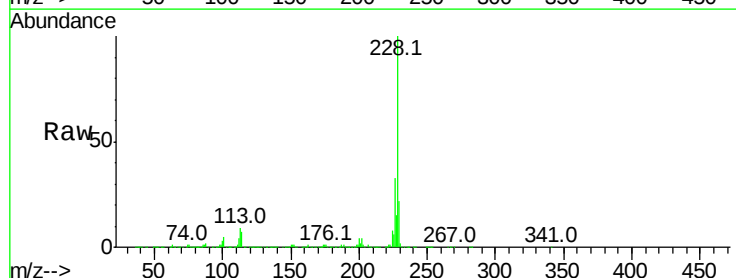
Instrument :
 BNA_G
 ClientSampleId :
 IDOC-SOIL-3

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.2	50.8	76.2
126	8.1	7.4	11.2



#82
 Chrysene
 Concen: 52.501 ng
 RT: 21.81 min Scan# 3153
 Delta R.T. -0.02 min
 Lab File: BG031367.D
 Acq: 5 Dec 2017 4:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.8	24.9	37.3
229	21.8	15.0	22.4

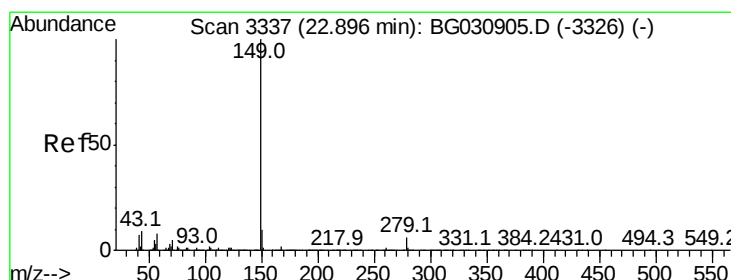
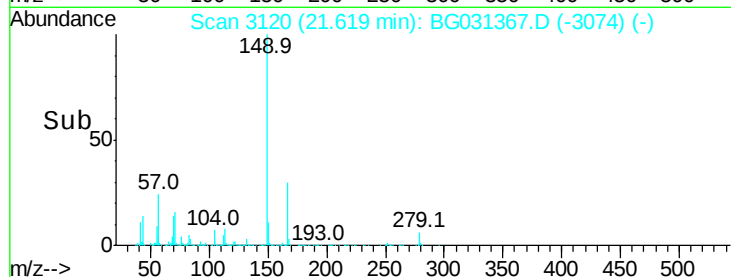
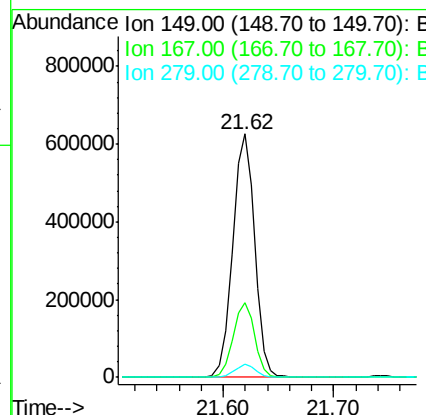
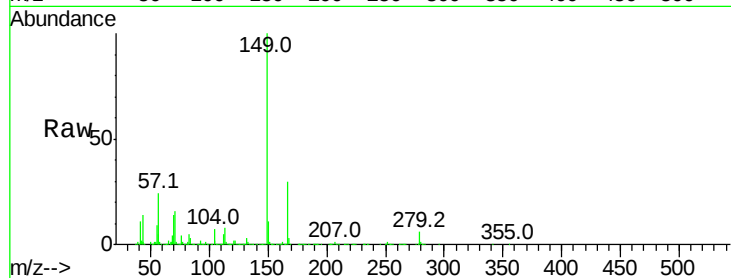




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 50.953 ng
 RT: 21.62 min Scan# 3120
 Delta R.T. -0.03 min
 Lab File: BG031367.D
 Acq: 5 Dec 2017 4:01

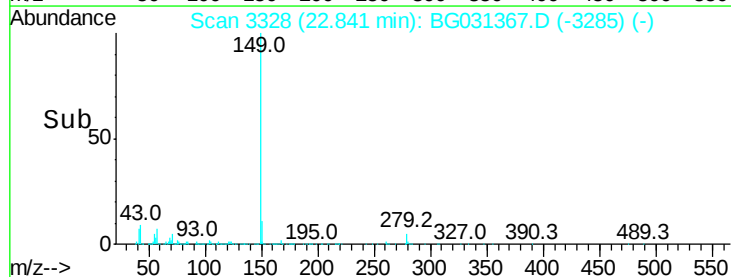
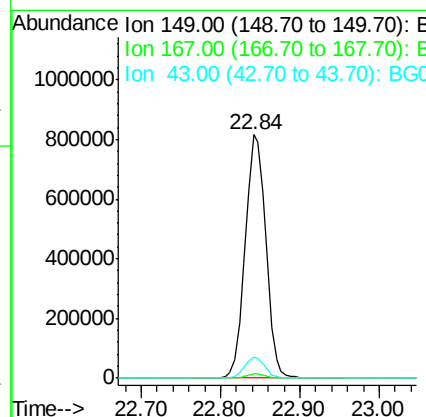
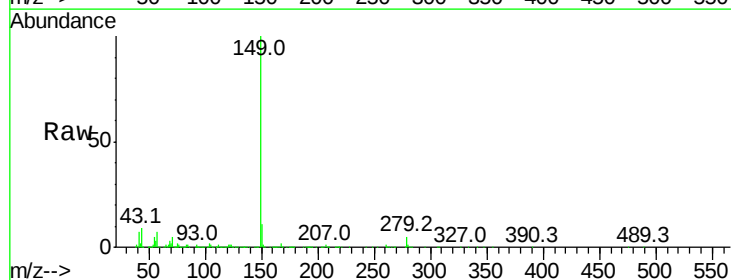
Instrument :
 BNA_G
 ClientSampleId :
 IDOC-SOIL-3

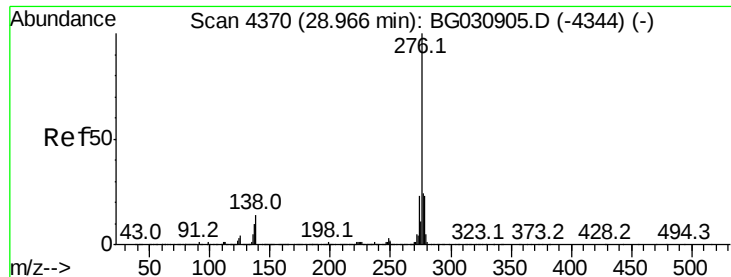
Tot Ion:149 Resp: 872979
 Ion Ratio Lower Upper
 149 100
 167 30.5 24.3 36.5
 279 5.5 4.0 6.0



#84
 Di-n-octyl phthalate
 Concen: 52.696 ng
 RT: 22.84 min Scan# 3328
 Delta R.T. -0.05 min
 Lab File: BG031367.D
 Acq: 5 Dec 2017 4:01

Tgt Ion:149 Resp: 1469481
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.4 2.0
 43 8.2 8.9 13.3#





#85

Indeno(1,2,3-cd)pyrene

Concen: 51.263 ng

RT: 28.86 min Scan# 4353

Delta R.T. -0.02 min

Lab File: BG031367.D

Acq: 5 Dec 2017 4:01

Instrument :

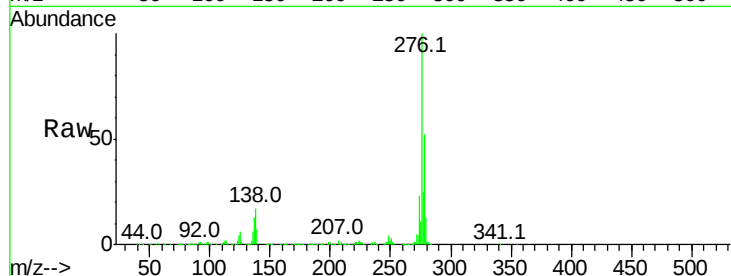
BNA_G

ClientSampleId :

IDOC-SOIL-3

Tot Ion:276 Resp: 1796359

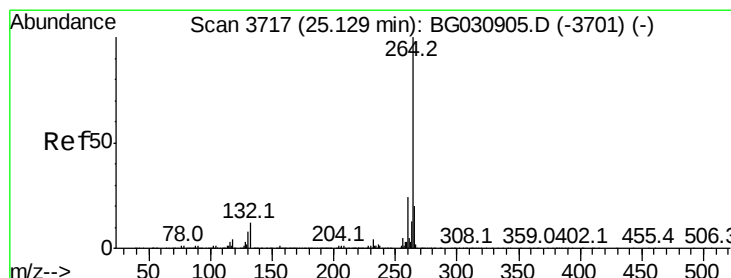
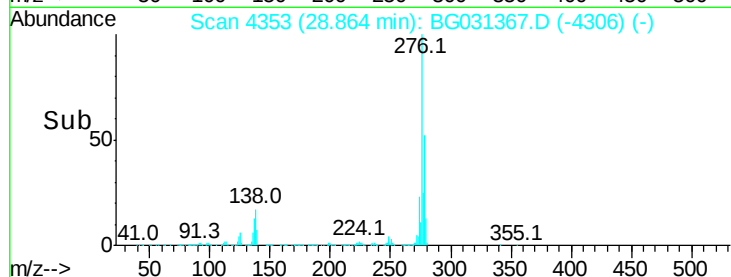
Ion	Ratio	Lower	Upper
276	100		
138	19.8	16.0	24.0
277	26.0	20.0	30.0



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# 3705

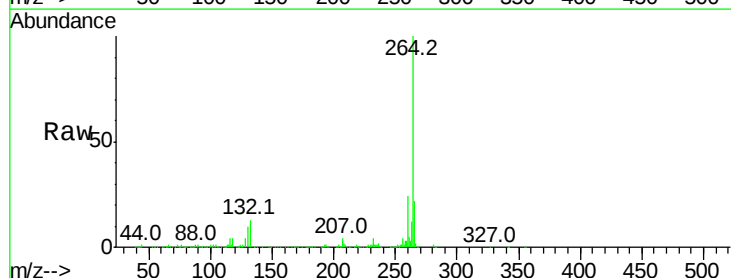
Delta R.T. -0.04 min

Lab File: BG031367.D

Acq: 5 Dec 2017 4:01

Tgt Ion:264 Resp: 509901

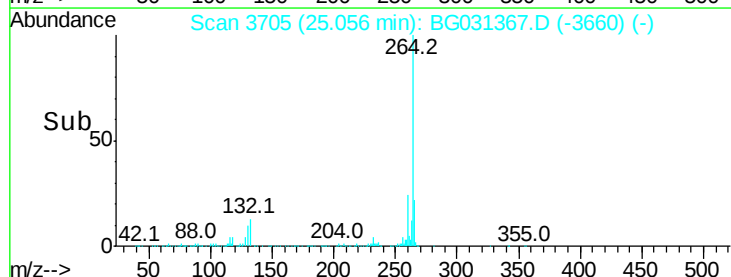
Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.4	26.0
265	22.1	17.7	26.5



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: 52.269 ng

RT: 24.01 min Scan# 3527

Delta R.T. -0.03 min

Lab File: BG031367.D

Acq: 5 Dec 2017 4:01

Instrument :

BNA_G

ClientSampleId :

IDOC-SOIL-3

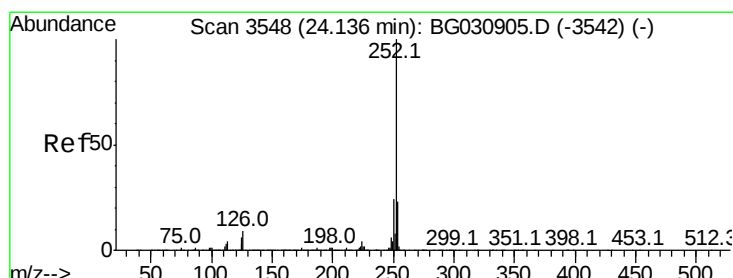
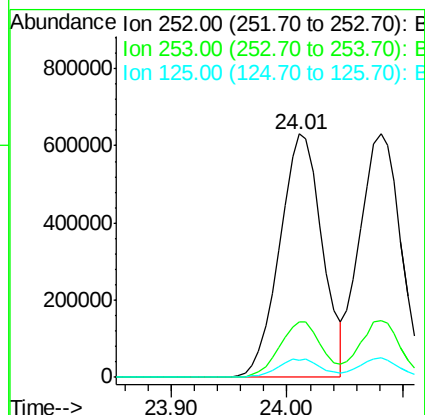
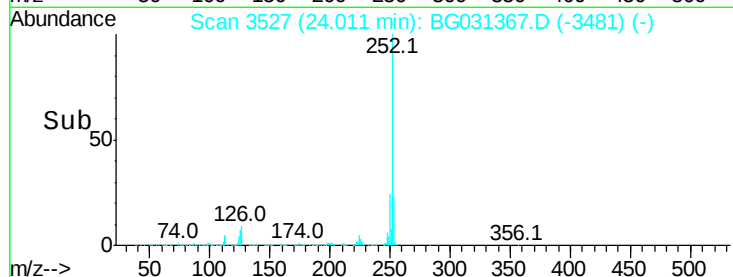
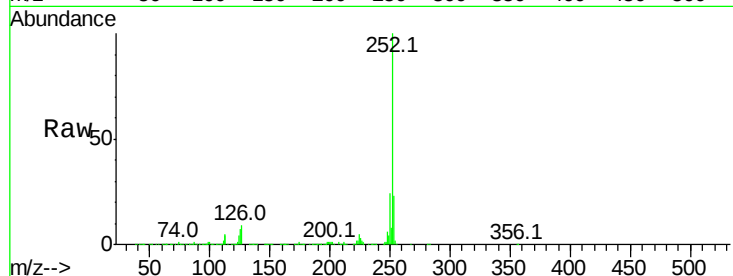
Tot Ion:252 Resp: 1612163

Ion Ratio Lower Upper

252 100

253 22.8 18.2 27.4

125 7.2 7.2 10.8



#88

Benzo(k)fluoranthene

Concen: 51.131 ng

RT: 24.08 min Scan# 3539

Delta R.T. -0.03 min

Lab File: BG031367.D

Acq: 5 Dec 2017 4:01

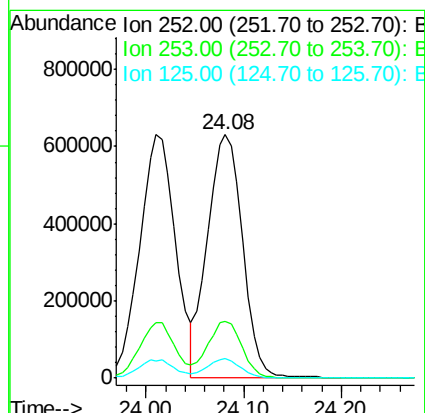
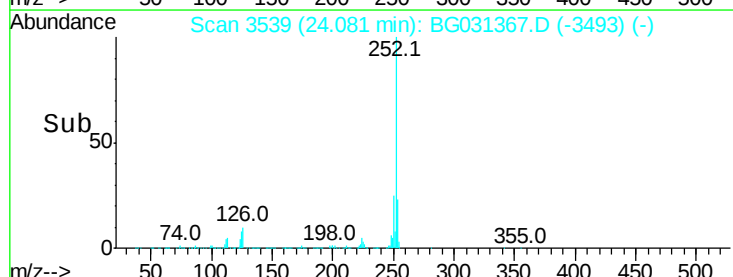
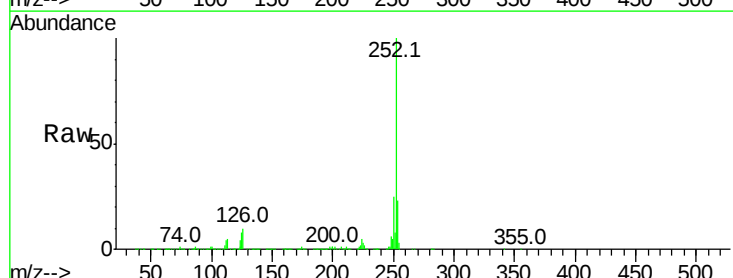
Tgt Ion:252 Resp: 1563209

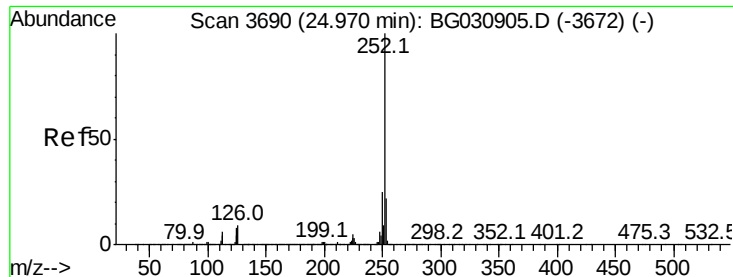
Ion Ratio Lower Upper

252 100

253 23.2 17.4 26.2

125 7.9 6.6 9.8





#89

Benzo(a)pyrene

Concen: 53.466 ng

RT: 24.91 min Scan# 3680

Delta R.T. -0.02 min

Lab File: BG031367.D

Acq: 5 Dec 2017 4:01

Instrument :

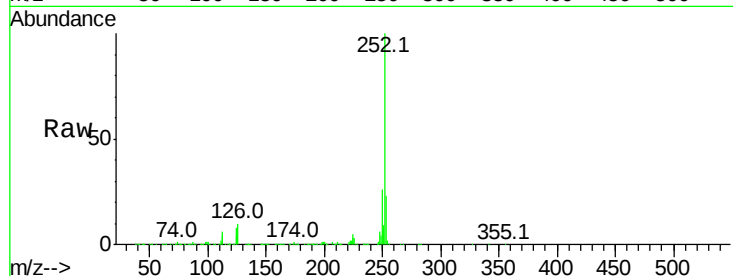
BNA_G

ClientSampleId :

IDOC-SOIL-3

Tot Ion:252 Resp: 1566609

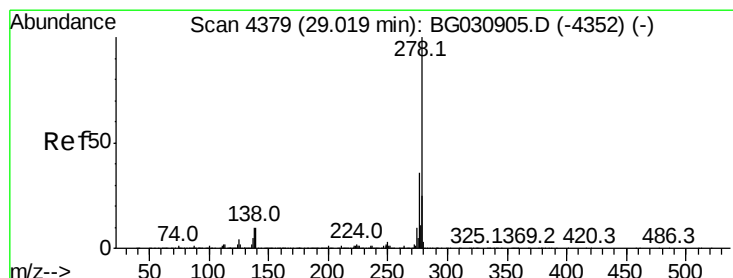
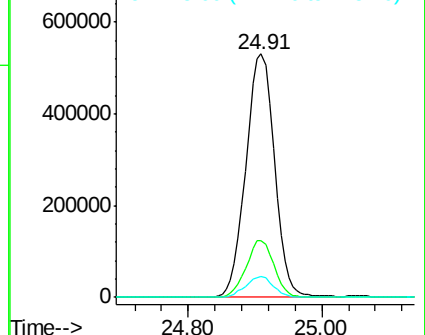
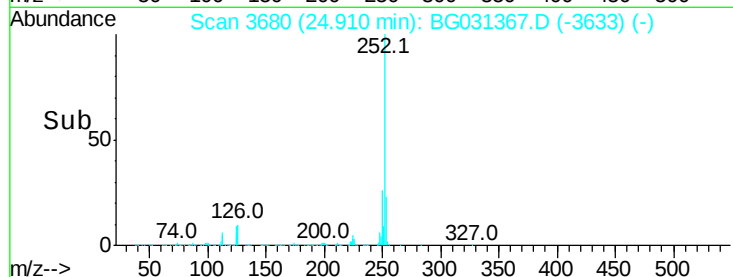
Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.3	27.5
125	8.5	7.3	10.9



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: 50.524 ng

RT: 28.90 min Scan# 4360

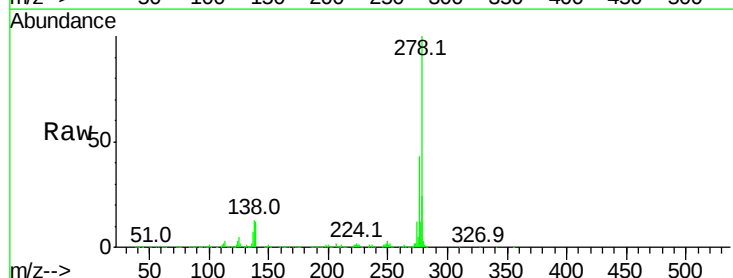
Delta R.T. -0.04 min

Lab File: BG031367.D

Acq: 5 Dec 2017 4:01

Tgt Ion:278 Resp: 1513145

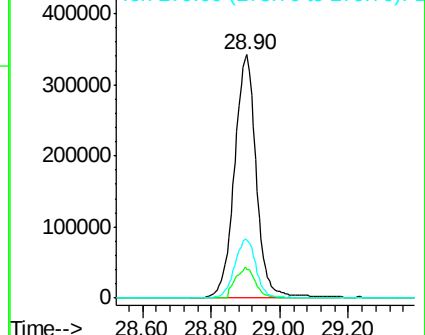
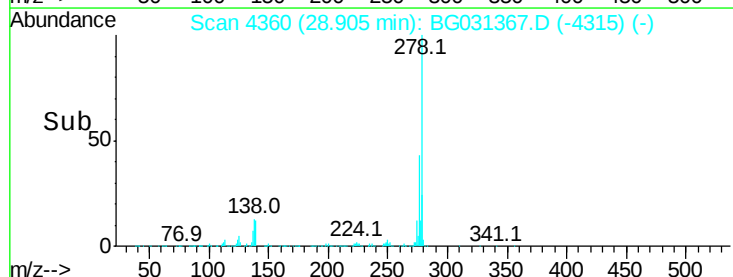
Ion	Ratio	Lower	Upper
278	100		
139	12.0	9.8	14.6
279	23.7	18.4	27.6



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: 50.834 ng
 RT: 30.04 min Scan# 4553
 Delta R.T. -0.04 min
 Lab File: BG031367.D
 Acq: 5 Dec 2017 4:01

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-SOIL-3

Tot Ion:276 Resp: 1477618

Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.3	27.5
138	17.1	13.9	20.9

