

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG120417\
 Data File : BG031368.D
 Acq On : 5 Dec 2017 4:38
 Operator : SJ/JU
 Sample : IDOC-SOIL-4
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-SOIL-4

Quant Time: Dec 05 06:39:11 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	8.13	152	60224	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	270354	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	186892	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	480678	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	528625	20.00	ng	-0.02
86) Perylene-d12	25.07	264	525497	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.69	112	445788	126.93	ng	-0.02
7) Phenol-d6	7.30	99	598235	126.44	ng	0.00
23) Nitrobenzene-d5	9.30	82	347898	76.25	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	300870	99.52	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	1034690	79.55	ng	-0.02
78) Terphenyl-d14	20.08	244	1886245	78.79	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	47451	33.293	ng	# 83
3) Pyridine	3.94	79	73711	17.815	ng	87
4) n-Nitrosodimethylamine	3.86	42	68589	34.977	ng	# 91
6) Aniline	7.45	93	140292	22.530	ng	97
8) 2-Chlorophenol	7.69	128	171301	44.198	ng	88
9) Benzaldehyde	7.26	77	62238	18.797	ng	83
10) Phenol	7.32	94	223190	45.422	ng	91
11) bis(2-Chloroethyl)ether	7.54	93	150195	38.282	ng	89
12) 1,3-Dichlorobenzene	8.02	146	179737	39.526	ng	96
13) 1,4-Dichlorobenzene	8.16	146	182211	39.542	ng	94
14) 1,2-Dichlorobenzene	8.48	146	173985	39.338	ng	98
15) Benzyl Alcohol	8.37	79	142554	37.561	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.65	45	223911	51.669	ng	91
17) 2-Methylphenol	8.57	107	147650	43.151	ng	96
18) Hexachloroethane	9.21	117	62366	38.887	ng	92
19) n-Nitroso-di-n-propylamine	8.93	70	125558	34.901	ng	# 94
20) 3+4-Methylphenols	8.91	107	204683	42.068	ng	95
22) Acetophenone	8.95	105	240088	35.666	ng	# 92
24) Nitrobenzene	9.34	77	184288	39.542	ng	89
25) Isophorone	9.86	82	356276	40.040	ng	# 91
26) 2-Nitrophenol	10.06	139	103880	42.761	ng	# 88
27) 2,4-Dimethylphenol	10.11	122	169957	47.125	ng	92
28) bis(2-Chloroethoxy)methane	10.34	93	222949	39.783	ng	98
29) 2,4-Dichlorophenol	10.60	162	198468	45.828	ng	91
30) 1,2,4-Trichlorobenzene	10.80	180	211922	40.987	ng	94
31) Naphthalene	10.99	128	531963	40.026	ng	98
32) Benzoic acid	10.23	122	21437	11.956	ng	# 82
33) 4-Chloroaniline	11.11	127	100541	17.281	ng	94
34) Hexachlorobutadiene	11.27	225	134777	37.586	ng	96
35) Caprolactam	11.88	113	37265	21.064	ng	# 72
36) 4-Chloro-3-methylphenol	12.23	107	197528	41.907	ng	# 85
37) 2-Methylnaphthalene	12.59	142	426743	41.594	ng	93
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	263195	35.482	ng	96
40) Hexachlorocyclopentadiene	12.93	237	221064	80.503	ng	92

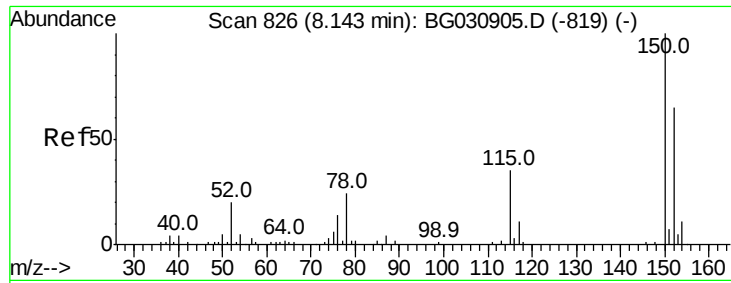
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG120417\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.19	196	175428	41.370	nq	99
43) 2,4,5-Trichlorophenol	13.28	196	190127	40.980	nq	93
45) 1,1'-Biphenyl	13.59	154	564149	36.402	nq	97
46) 2-Chloronaphthalene	13.63	162	466681	41.736	nq	95
47) 2-Nitroaniline	13.84	65	127544	38.484	nq #	77
48) Acenaphthylene	14.47	152	718744	39.273	nq	99
49) Dimethylphthalate	14.20	163	714434	44.212	nq	99
50) 2,6-Dinitrotoluene	14.33	165	143233	43.004	nq #	74
51) Acenaphthene	14.81	154	442126	38.682	nq	98
52) 3-Nitroaniline	14.66	138	92188	26.067	nq #	80
53) 2,4-Dinitrophenol	14.88	184	129222	71.216	nq #	48
54) Dibenzofuran	15.15	168	742920	40.807	nq	99
55) 4-Nitrophenol	14.98	139	201433	79.957	nq #	80
56) 2,4-Dinitrotoluene	15.12	165	210581	43.733	nq #	72
57) Fluorene	15.80	166	591759	40.036	nq	96
58) 2,3,4,6-Tetrachlorophenol	15.38	232	193909	43.852	nq #	89
59) Diethylphthalate	15.55	149	623863	38.007	nq	97
60) 4-Chlorophenyl-phenylether	15.78	204	356934	39.985	nq	92
61) 4-Nitroaniline	15.82	138	150926	40.302	nq	87
62) Azobenzene	16.07	77	500010	39.942	nq	92
64) 4,6-Dinitro-2-methylphenol	15.89	198	111218	34.810	nq #	73
65) n-Nitrosodiphenylamine	16.00	169	562726	38.634	nq	99
66) 4-Bromophenyl-phenylether	16.67	248	237242	38.969	nq	98
67) Hexachlorobenzene	16.81	284	239828	37.075	nq	93
68) Atrazine	16.94	200	234819	39.073	nq	97
69) Pentachlorophenol	17.15	266	241292	67.480	nq	99
70) Phenanthrene	17.53	178	1010872	40.391	nq	99
71) Anthracene	17.62	178	1048021	41.791	nq	99
72) Carbazole	17.89	167	953506	40.579	nq	99
73) Di-n-butylphthalate	18.43	149	1112964	38.576	nq	99
74) Fluoranthene	19.54	202	1332003	42.035	nq	98
76) Benzidine	19.71	184	254350	14.979	nq	97
77) Pyrene	19.90	202	1353516	43.149	nq	97
79) Butylbenzylphthalate	20.76	149	521102	41.664	nq #	84
80) Benzo(a)anthracene	21.75	228	1341302	40.849	nq	99
81) 3,3'-Dichlorobenzidine	21.65	252	323870	24.434	nq	97
82) Chrysene	21.81	228	1260347	41.493	nq	97
83) Bis(2-ethylhexyl)phthalate	21.62	149	727044	40.270	nq	99
84) Di-n-octyl phthalate	22.85	149	1223782	41.647	nq #	93
85) Indeno(1,2,3-cd)pyrene	28.85	276	1467557	39.743	nq	98
87) Benzo(b)fluoranthene	24.02	252	1331767	41.896	nq	98
88) Benzo(k)fluoranthene	24.09	252	1274898	40.463	nq	97
89) Benzo(a)pyrene	24.91	252	1286400	42.600	nq	99
90) Dibenzo(a,h)anthracene	28.91	278	1219466	39.509	nq	98
91) Benzo(g,h,i)perylene	30.05	276	1207372	40.304	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.13 min Scan# 824

Delta R.T. -0.02 min

Lab File: BG031368.D

Acq: 5 Dec 2017 4:38

Instrument :

BNA_G

ClientSampleId :

IDOC-SOIL-4

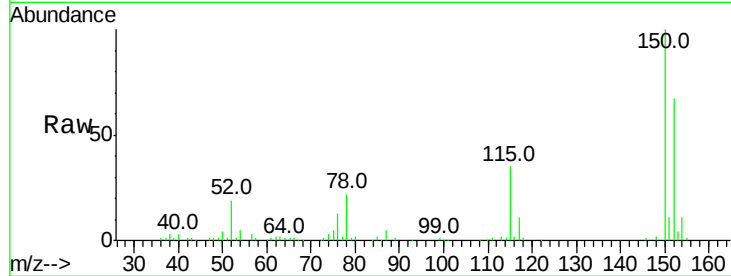
Tot Ion:152 Resp: 60224

Ion Ratio Lower Upper

152 100

150 148.8 126.6 189.8

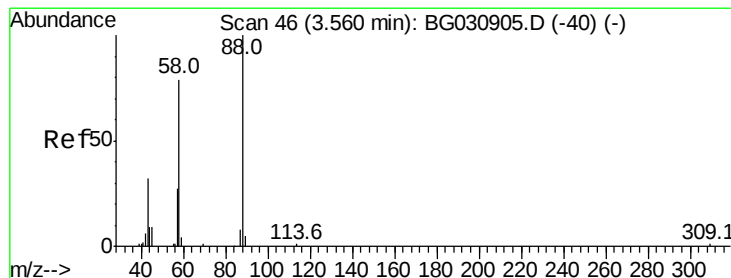
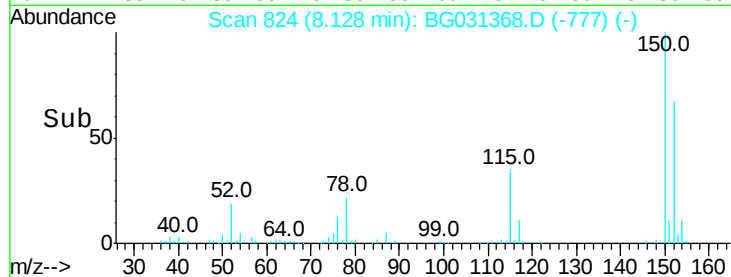
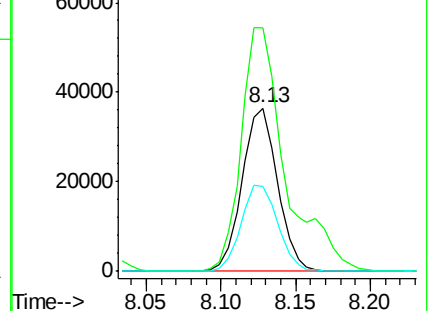
115 51.6 53.0 79.4#



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: 33.293 ng

RT: 3.53 min Scan# 42

Delta R.T. -0.04 min

Lab File: BG031368.D

Acq: 5 Dec 2017 4:38

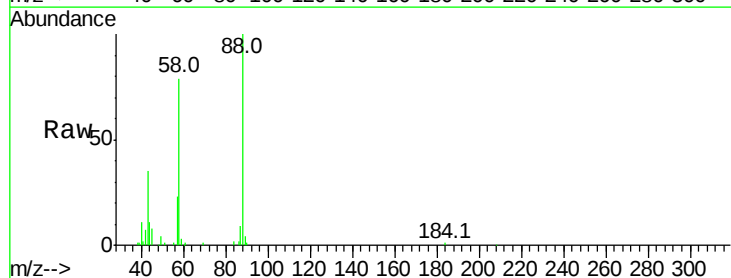
Tgt Ion: 88 Resp: 47451

Ion Ratio Lower Upper

88 100

58 78.9 79.6 119.4#

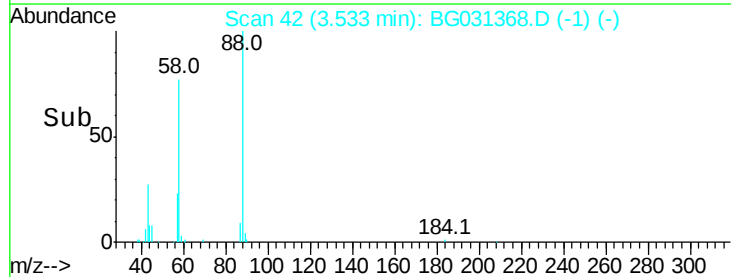
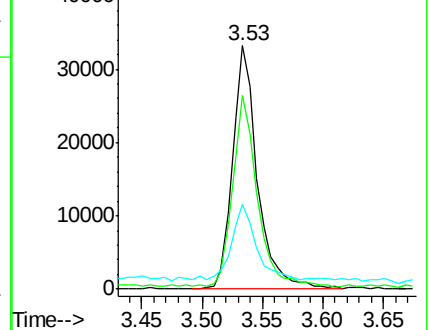
43 30.8 27.4 41.0

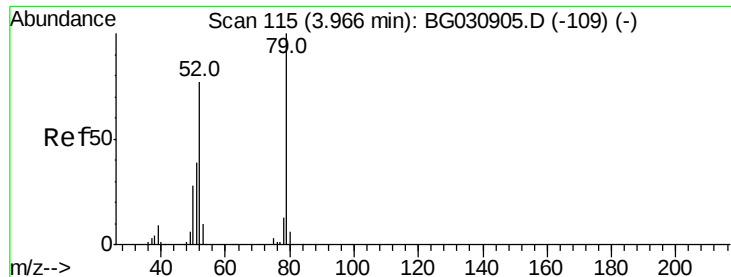


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 17.815 ng

RT: 3.94 min Scan# 112

Delta R.T. -0.03 min

Lab File: BG031368.D

Acq: 5 Dec 2017 4:38

Instrument :

BNA_G

ClientSampleId :

IDOC-SOIL-4

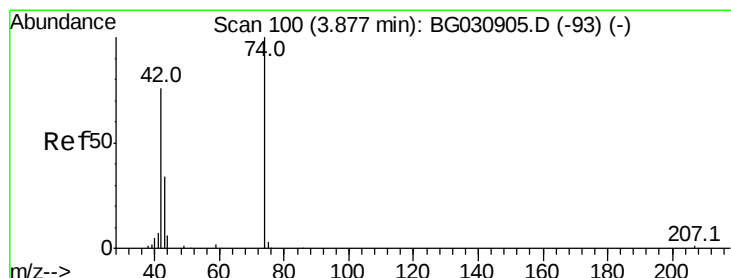
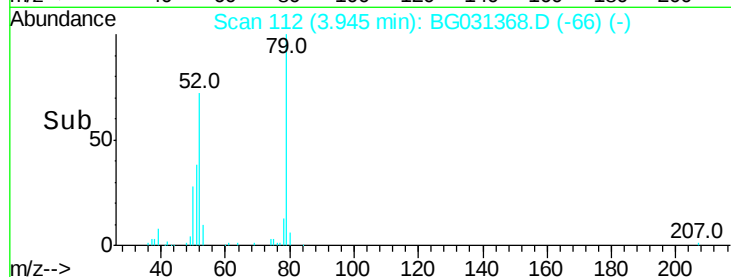
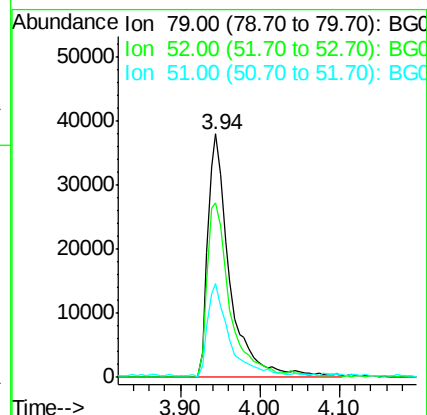
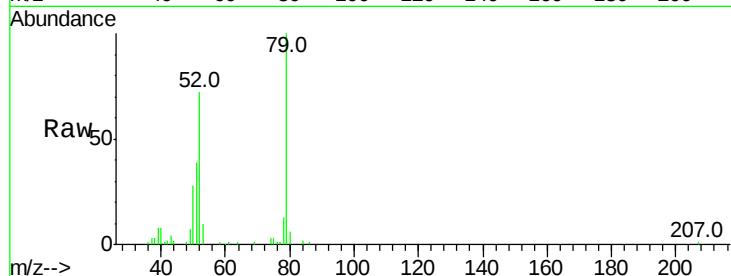
Tot Ion: 79 Resp: 73711

Ion Ratio Lower Upper

79 100

52 71.9 69.9 104.9

51 38.6 34.0 51.0



#4

n-Nitrosodimethylamine

Concen: 34.977 ng

RT: 3.86 min Scan# 97

Delta R.T. -0.03 min

Lab File: BG031368.D

Acq: 5 Dec 2017 4:38

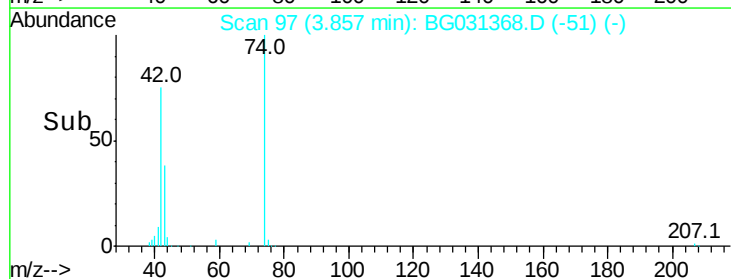
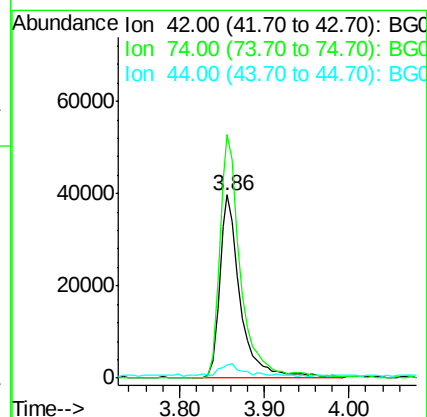
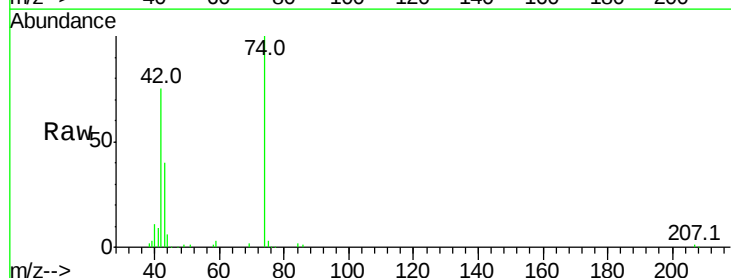
Tgt Ion: 42 Resp: 68589

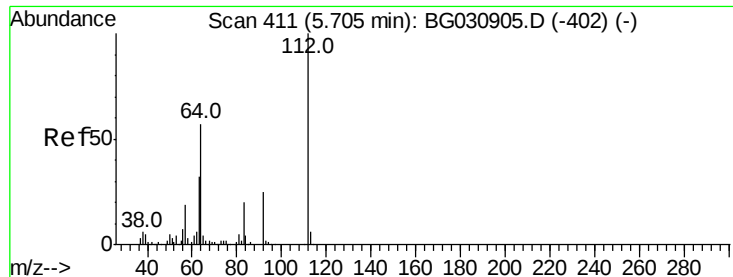
Ion Ratio Lower Upper

42 100

74 133.2 102.5 153.7

44 7.4 18.9 28.3#





#5

2-Fluorophenol

Concen: 126.929 ng

RT: 5.69 min Scan# 409

Delta R.T. -0.02 min

Lab File: BG031368.D

Acq: 5 Dec 2017 4:38

Instrument :

BNA_G

ClientSampleId :

IDOC-SOIL-4

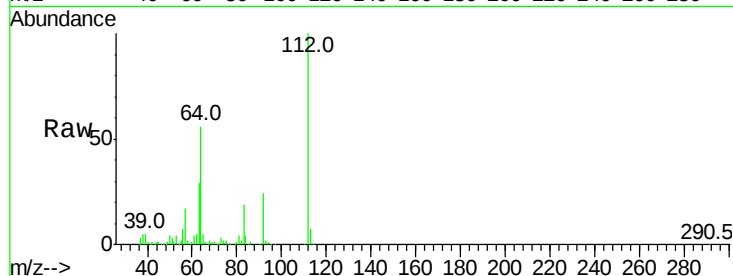
Tot Ion:112 Resp: 445788

Ion Ratio Lower Upper

112 100

64 56.0 56.3 84.5#

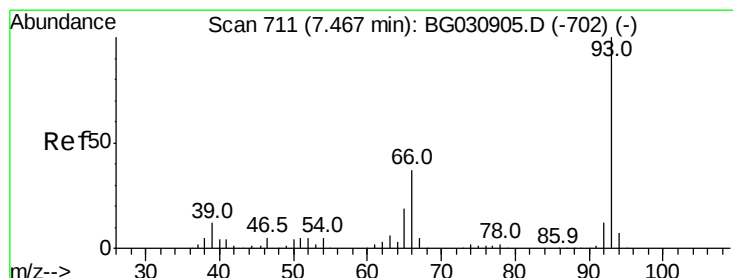
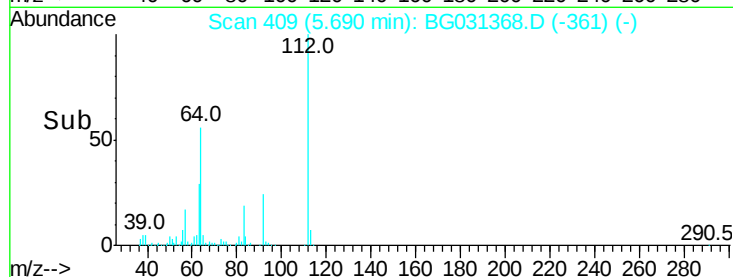
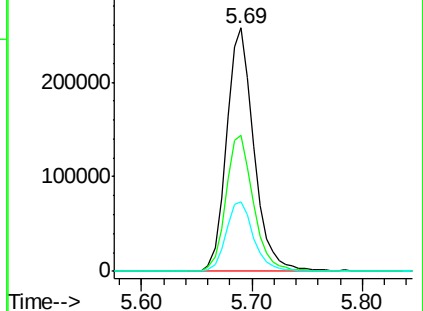
63 28.6 30.1 45.1#



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: 22.530 ng

RT: 7.45 min Scan# 708

Delta R.T. -0.02 min

Lab File: BG031368.D

Acq: 5 Dec 2017 4:38

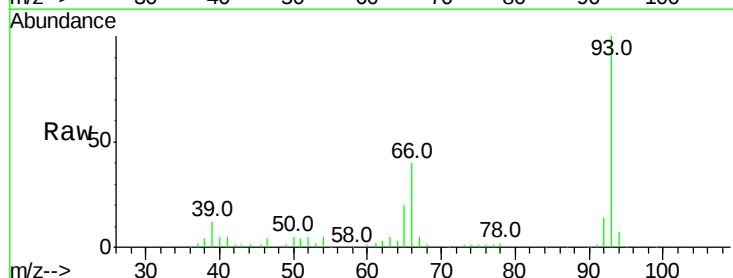
Tgt Ion: 93 Resp: 140292

Ion Ratio Lower Upper

93 100

66 39.6 33.7 50.5

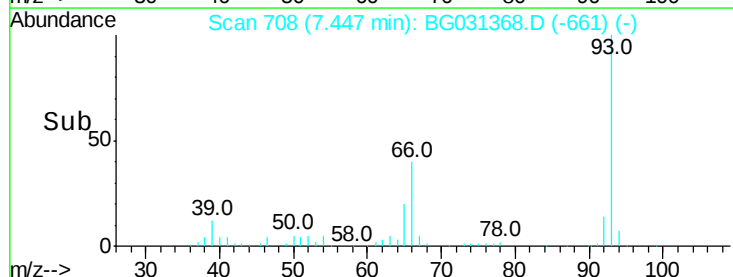
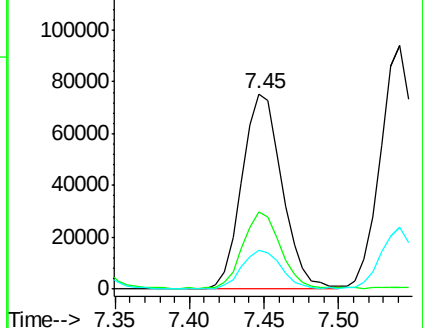
65 19.8 16.1 24.1

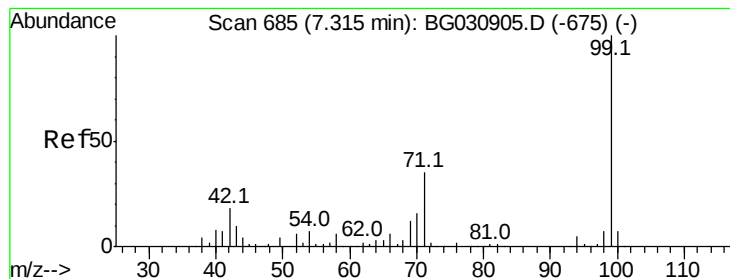


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 126.435 ng

RT: 7.30 min Scan# 683

Delta R.T. -0.01 min

Lab File: BG031368.D

Acq: 5 Dec 2017 4:38

Instrument :

BNA_G

ClientSampleId :

IDOC-SOIL-4

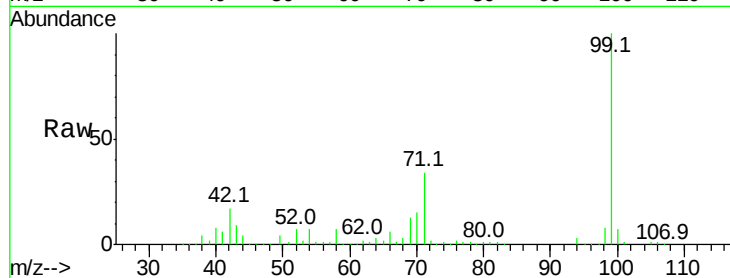
Tot Ion: 99 Resp: 598235

Ion Ratio Lower Upper

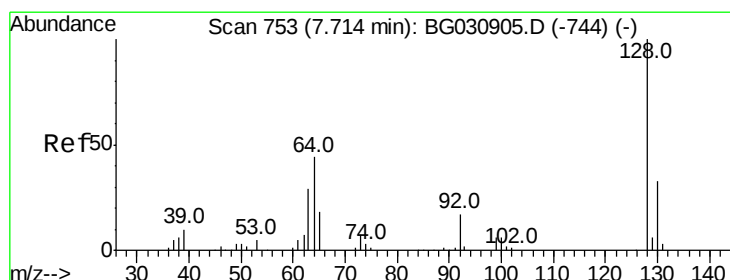
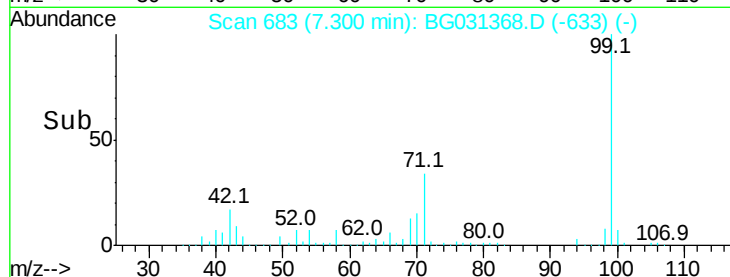
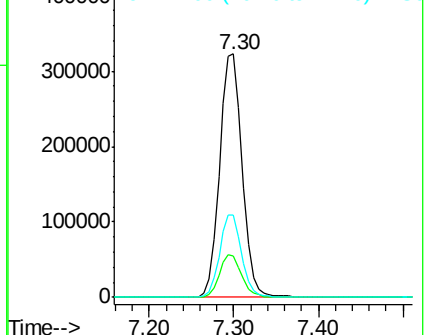
99 100

42 17.1 14.1 21.1

71 33.8 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: 44.198 ng

RT: 7.69 min Scan# 750

Delta R.T. -0.02 min

Lab File: BG031368.D

Acq: 5 Dec 2017 4:38

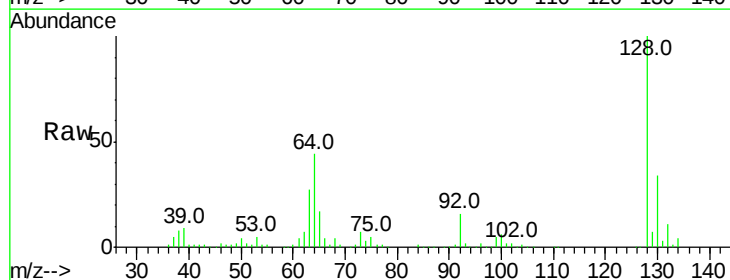
Tgt Ion: 128 Resp: 171301

Ion Ratio Lower Upper

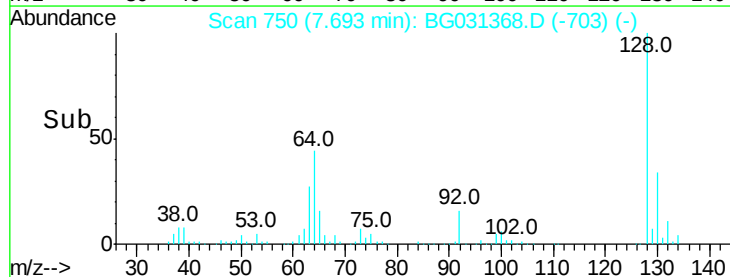
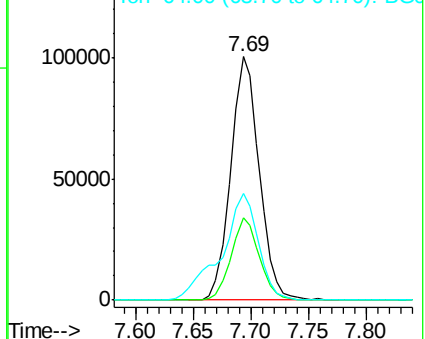
128 100

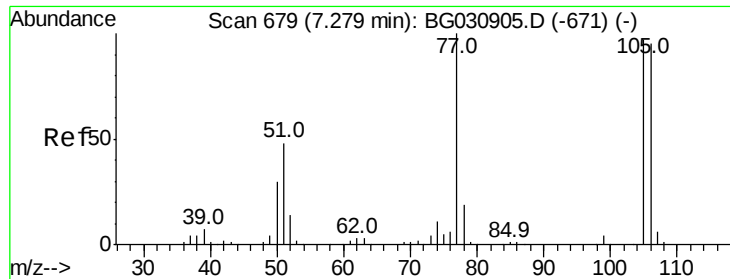
130 33.6 14.0 54.0

64 43.7 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: 18.797 ng

RT: 7.26 min Scan# 677

Delta R.T. -0.02 min

Lab File: BG031368.D

Acq: 5 Dec 2017 4:38

Instrument :

BNA_G

ClientSampleId :

IDOC-SOIL-4

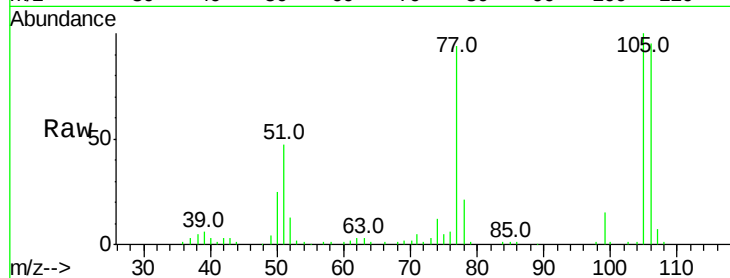
Tot Ion: 77 Resp: 62238

Ion Ratio Lower Upper

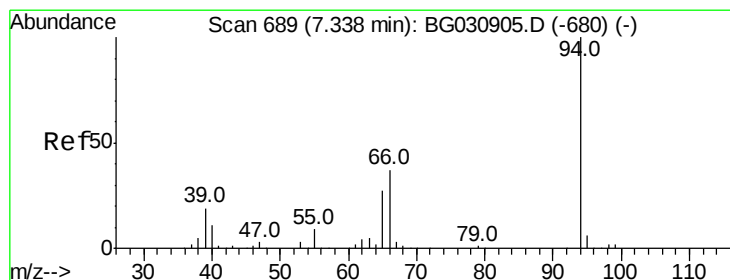
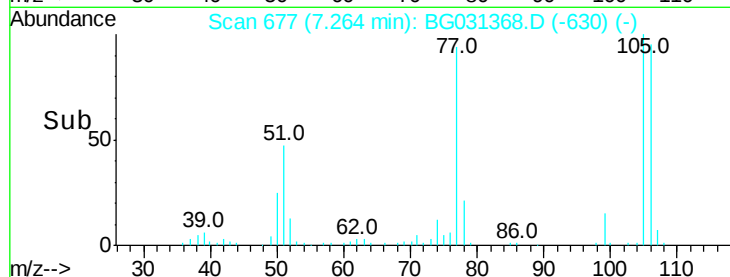
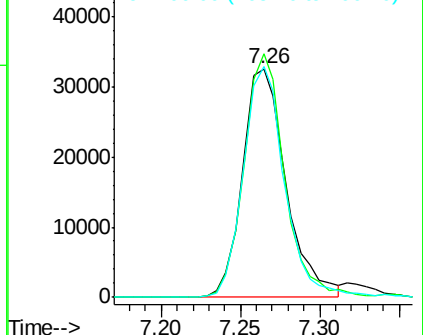
77 100

105 106.7 71.3 111.3

106 101.0 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: 45.422 ng

RT: 7.32 min Scan# 687

Delta R.T. -0.01 min

Lab File: BG031368.D

Acq: 5 Dec 2017 4:38

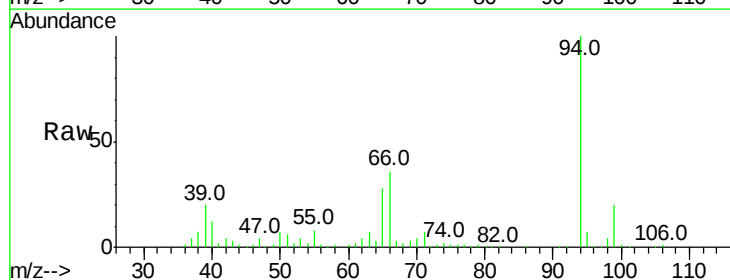
Tgt Ion: 94 Resp: 223190

Ion Ratio Lower Upper

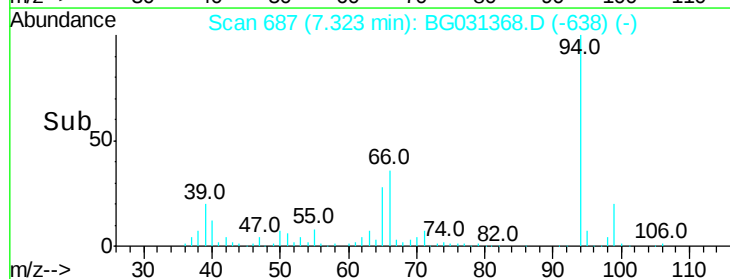
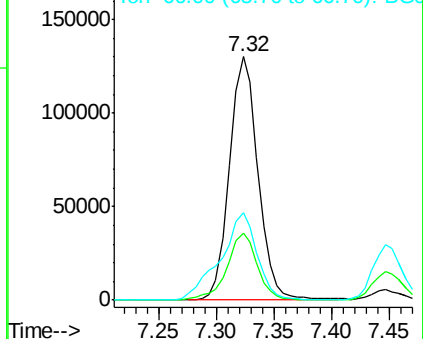
94 100

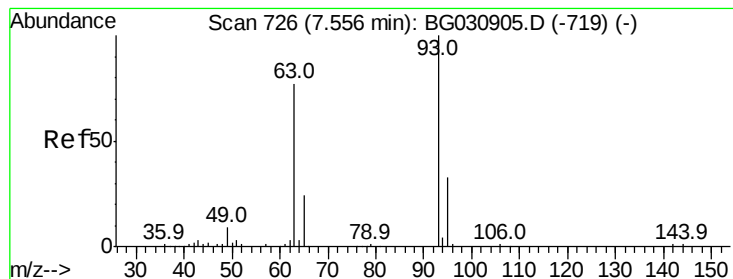
65 27.6 11.9 51.9

66 36.0 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



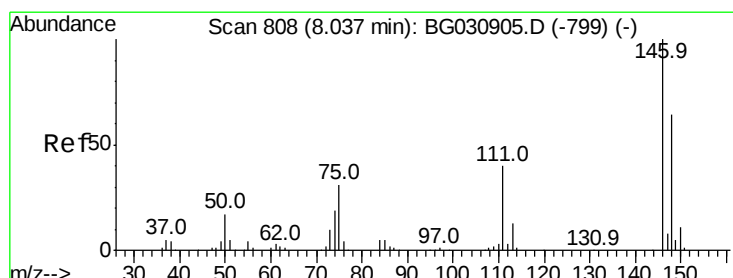
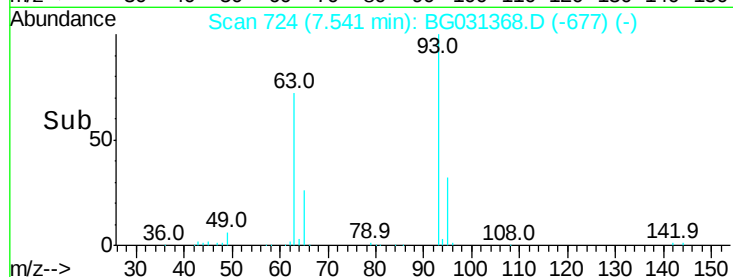
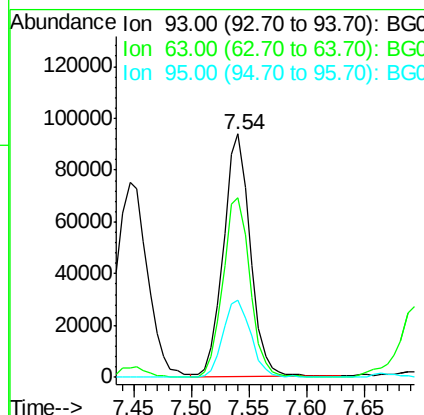
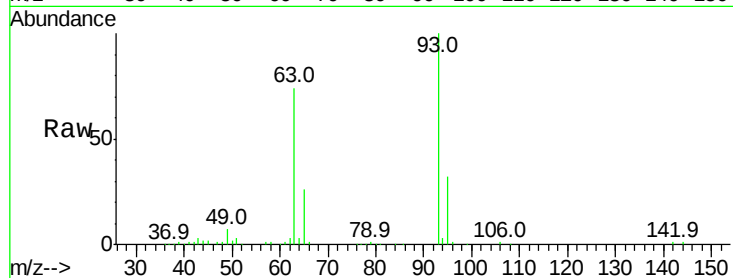


#11

bis(2-Chloroethyl)ether
 Concen: 38.282 ng
 RT: 7.54 min Scan# 724
 Delta R.T. -0.02 min
 Lab File: BG031368.D
 Acq: 5 Dec 2017 4:38

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-SOIL-4

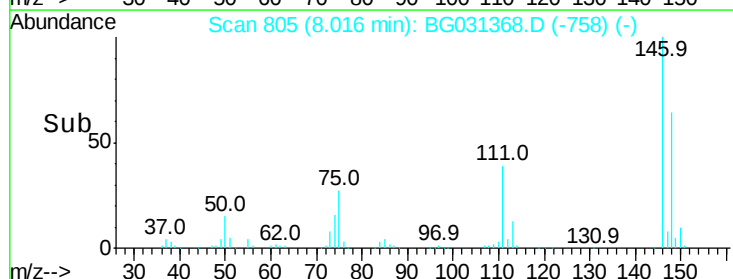
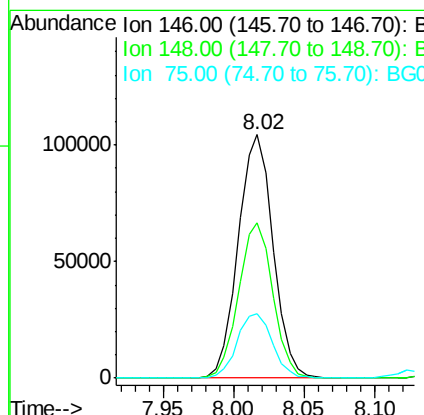
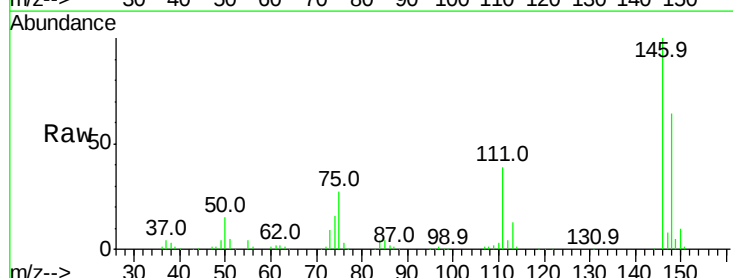
Tot Ion	Ratio	Lower	Upper
93	100		
63	73.6	67.1	107.1
95	31.7	11.5	51.5

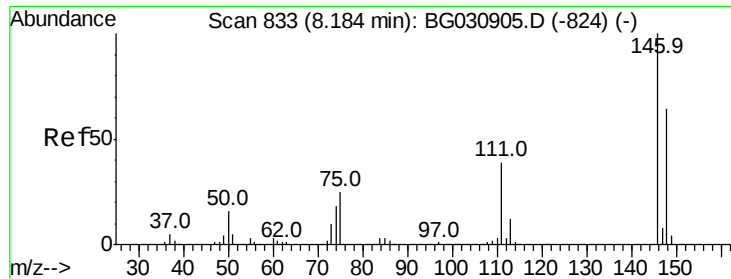


#12

1,3-Dichlorobenzene
 Concen: 39.526 ng
 RT: 8.02 min Scan# 805
 Delta R.T. -0.02 min
 Lab File: BG031368.D
 Acq: 5 Dec 2017 4:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.4	77.2
75	26.6	26.6	39.8

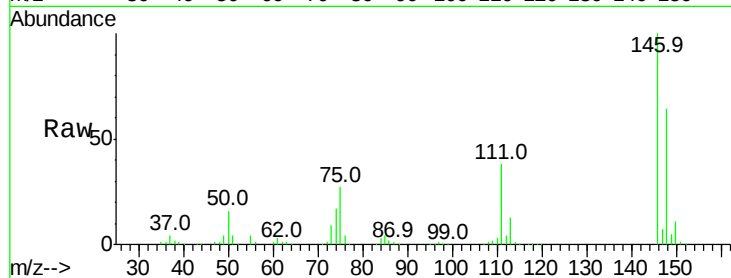




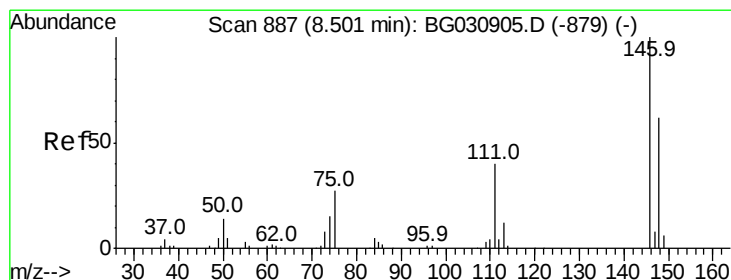
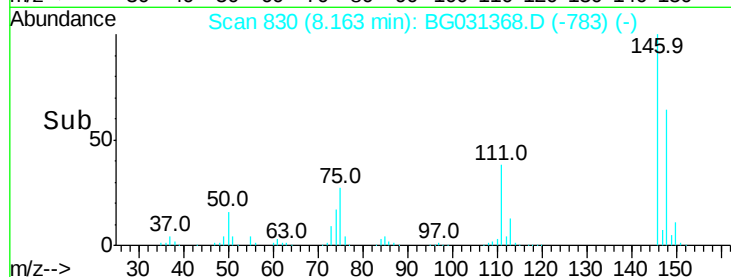
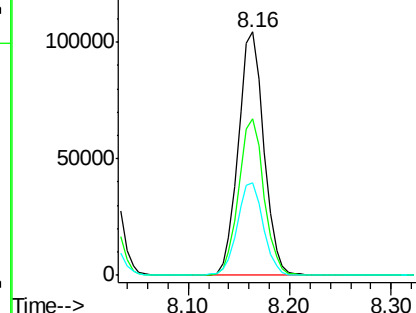
#13
 1,4-Dichlorobenzene
 Concen: 39.542 ng
 RT: 8.16 min Scan# 830
 Delta R.T. -0.02 min
 Lab File: BG031368.D
 Acq: 5 Dec 2017 4:38

Instrument :
 BNA_G
 ClientSampled :
 IDOC-SOIL-4

Tot Ion:146 Resp: 182211
 Ion Ratio Lower Upper
 146 100
 148 64.2 53.7 80.5
 111 38.0 35.2 52.8

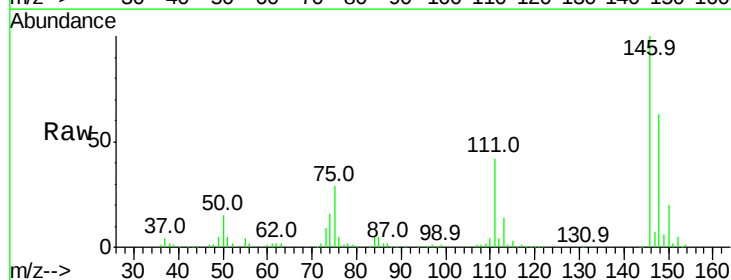


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

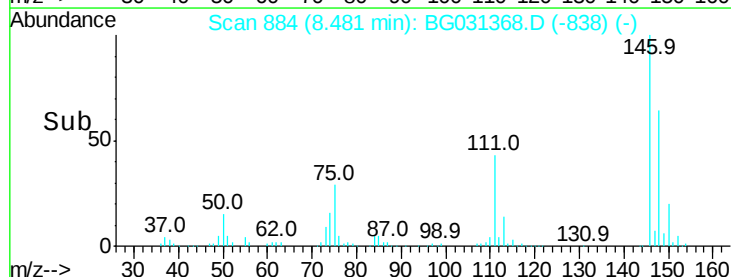
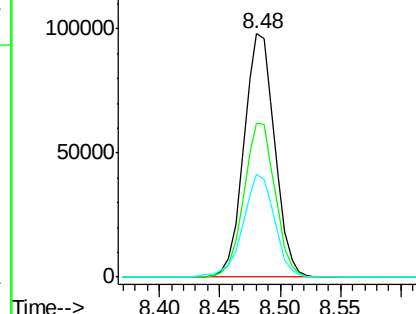


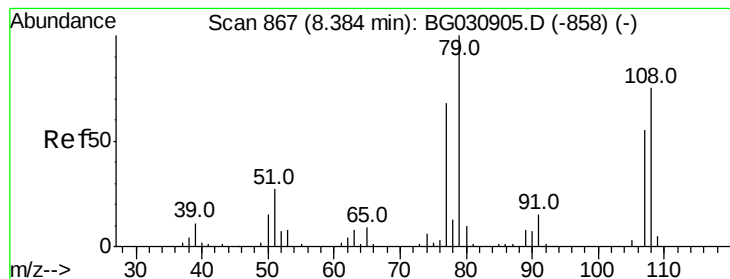
#14
 1,2-Dichlorobenzene
 Concen: 39.338 ng
 RT: 8.48 min Scan# 884
 Delta R.T. -0.03 min
 Lab File: BG031368.D
 Acq: 5 Dec 2017 4:38

Tgt Ion:146 Resp: 173985
 Ion Ratio Lower Upper
 146 100
 148 63.4 49.3 73.9
 111 42.5 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: 37.561 ng

RT: 8.37 min Scan# 865

Delta R.T. -0.02 min

Lab File: BG031368.D

Acq: 5 Dec 2017 4:38

Instrument :

BNA_G

ClientSampleId :

IDOC-SOIL-4

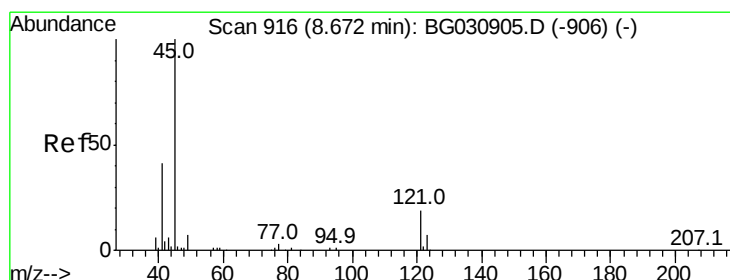
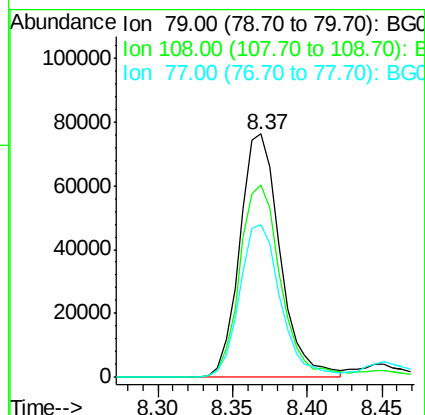
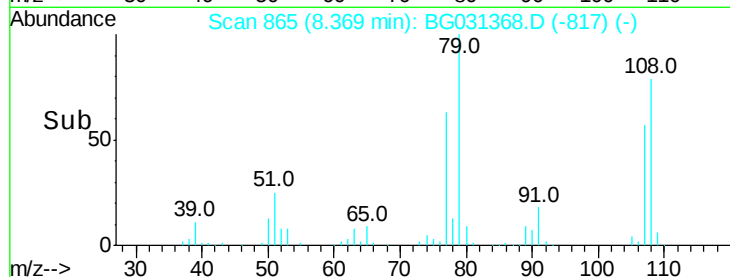
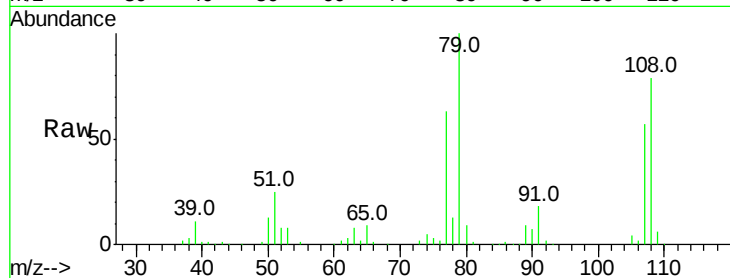
Tot Ion: 79 Resp: 142554

Ion Ratio Lower Upper

79 100

108 79.3 57.2 85.8

77 62.8 46.1 69.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 51.669 ng

RT: 8.65 min Scan# 913

Delta R.T. -0.02 min

Lab File: BG031368.D

Acq: 5 Dec 2017 4:38

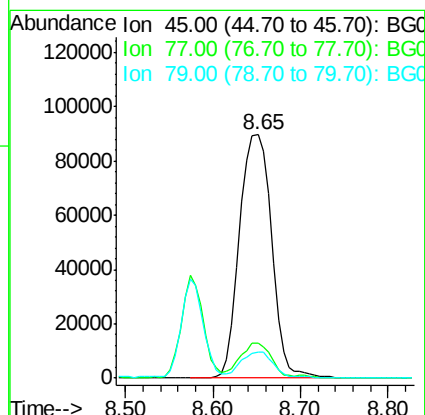
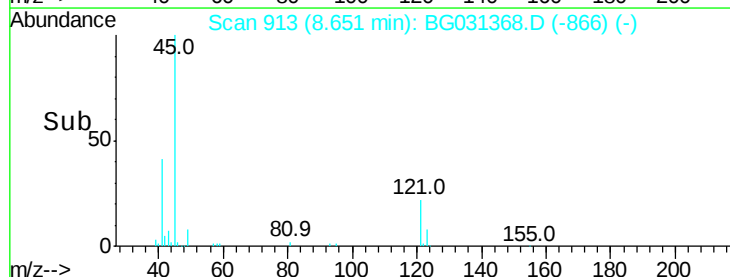
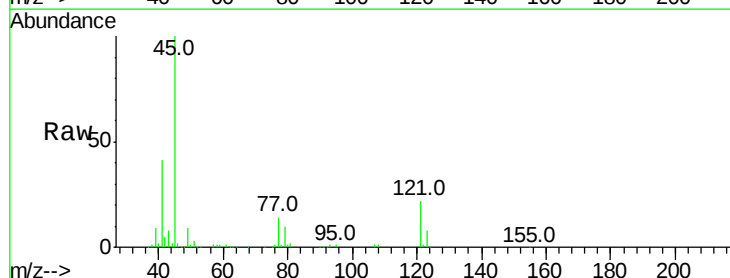
Tgt Ion: 45 Resp: 223911

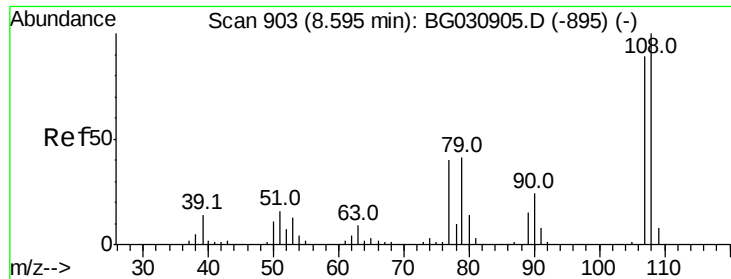
Ion Ratio Lower Upper

45 100

77 14.2 0.0 30.2

79 10.4 0.0 27.9

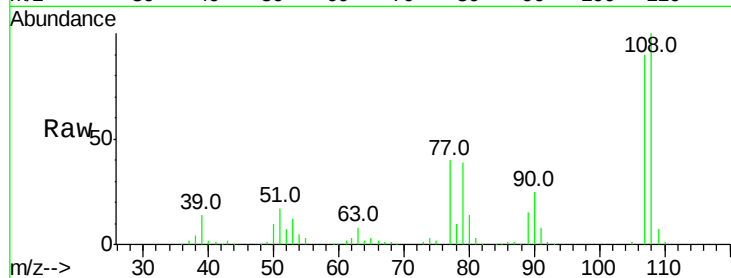




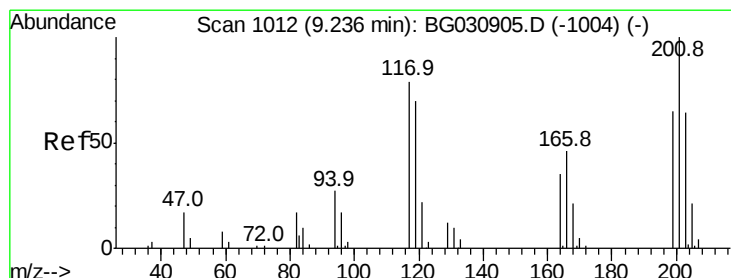
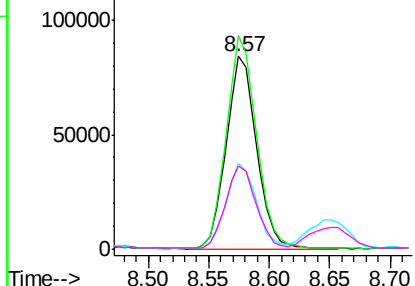
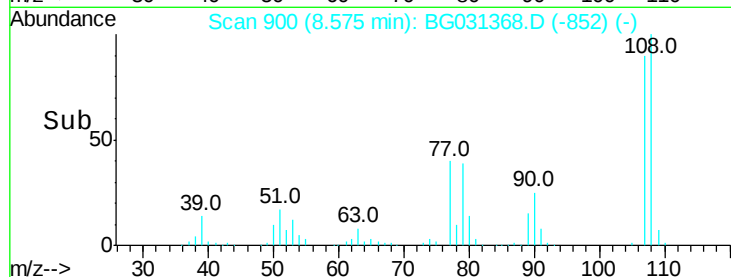
#17
2-Methylphenol
Concen: 43.151 ng
RT: 8.57 min Scan# 900
Delta R.T. -0.02 min
Lab File: BG031368.D
Acq: 5 Dec 2017 4:38

Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-4

Tot Ion:107 Resp: 147650
Ion Ratio Lower Upper
107 100
108 110.6 83.9 125.9
77 44.8 37.2 55.8
79 43.4 36.2 54.2

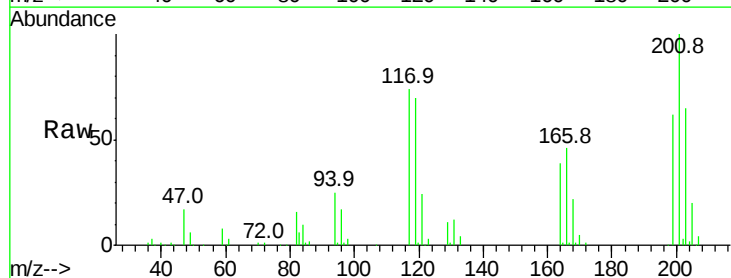


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

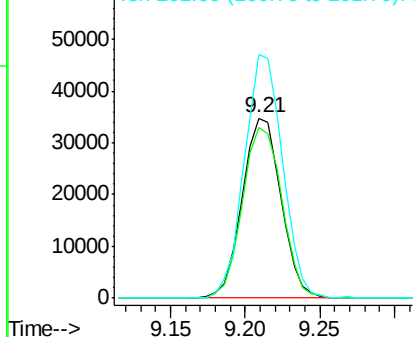
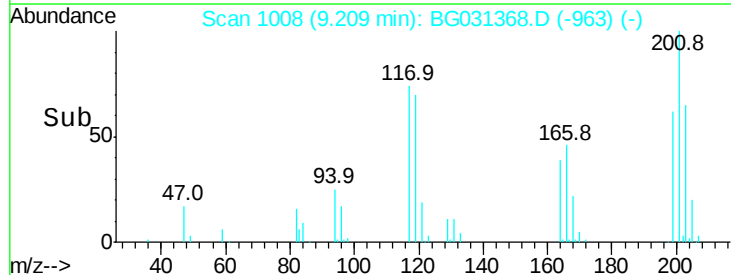


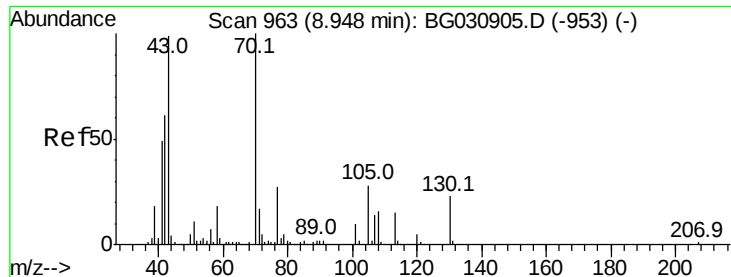
#18
Hexachloroethane
Concen: 38.887 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.04 min
Lab File: BG031368.D
Acq: 5 Dec 2017 4:38

Tgt Ion:117 Resp: 62366
Ion Ratio Lower Upper
117 100
119 95.1 76.7 115.1
201 135.3 95.7 143.5



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

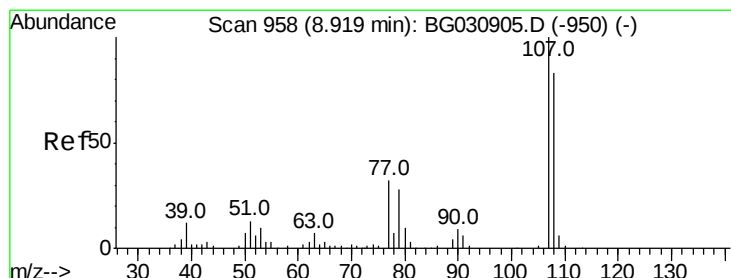
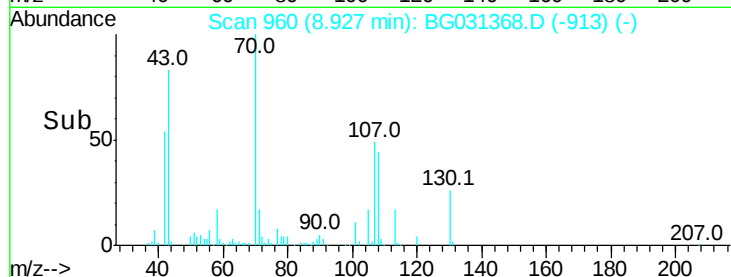
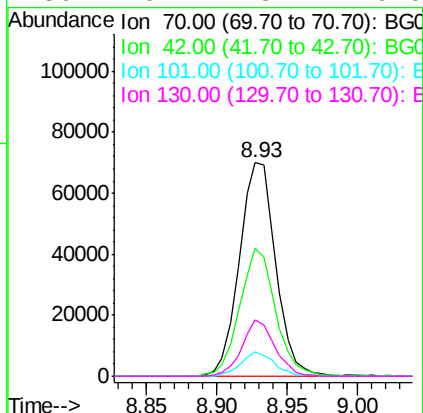
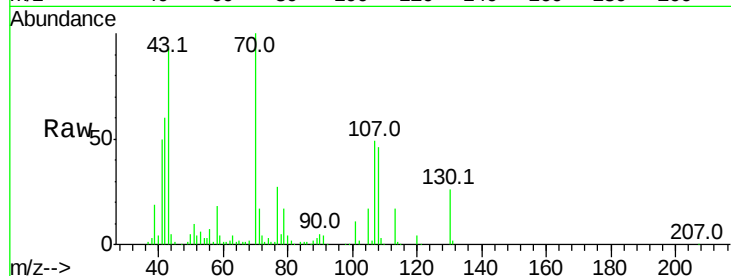




#19
n-Nitroso-di-n-propylamine
Concen: 34.901 ng
RT: 8.93 min Scan# 960
Delta R.T. -0.02 min
Lab File: BG031368.D
Acq: 5 Dec 2017 4:38

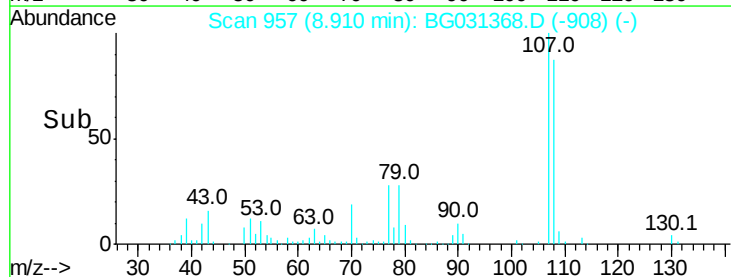
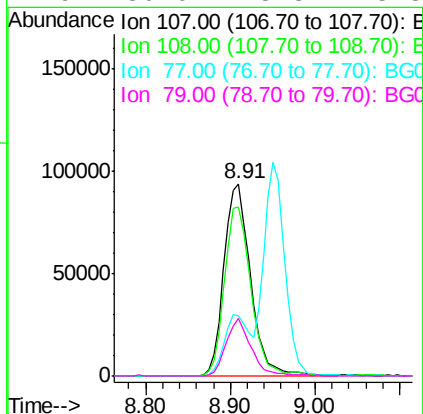
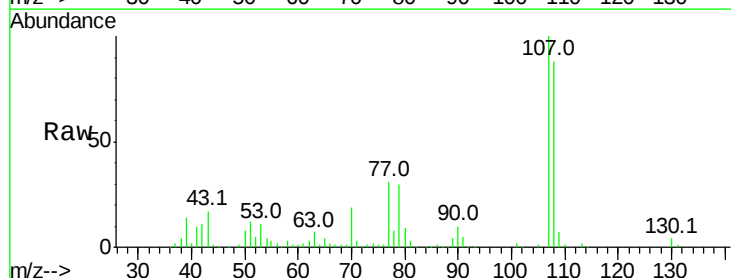
Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-4

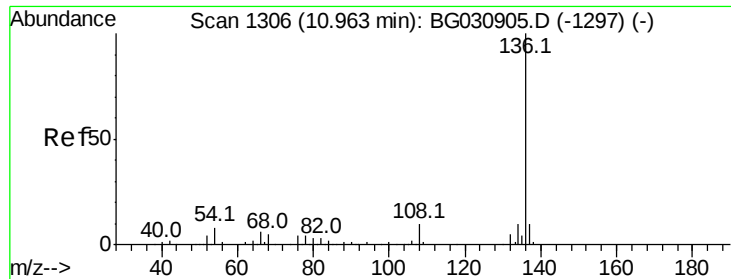
Tot Ion: 70 Resp: 125558
Ion Ratio Lower Upper
70 100
42 59.7 49.1 73.7
101 11.2 8.5 12.7
130 26.4 13.4 20.0#



#20
3+4-Methylphenols
Concen: 42.068 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.01 min
Lab File: BG031368.D
Acq: 5 Dec 2017 4:38

Tgt Ion: 107 Resp: 204683
Ion Ratio Lower Upper
107 100
108 87.8 61.6 101.6
77 31.2 13.9 53.9
79 30.0 8.8 48.8

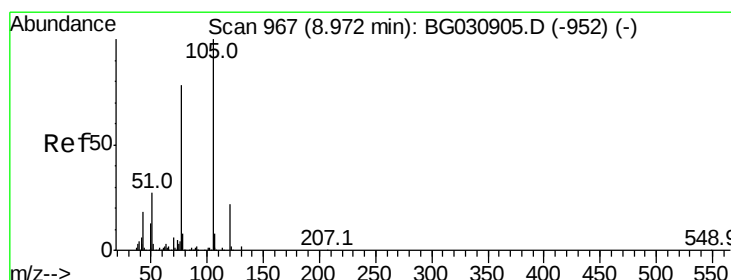
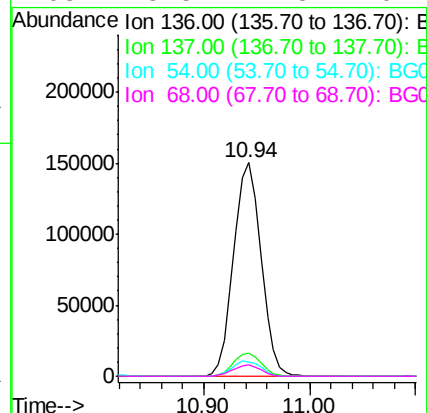
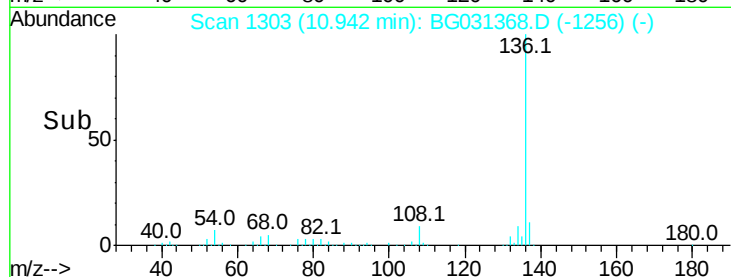
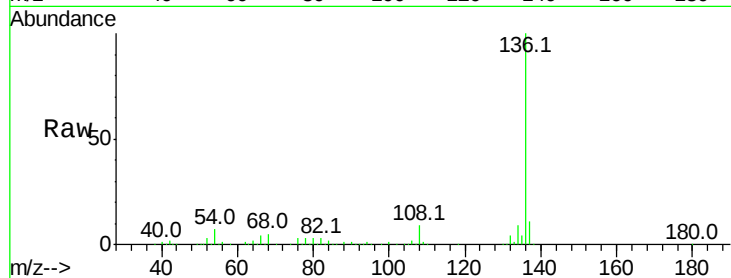




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BG031368.D
Acq: 5 Dec 2017 4:38

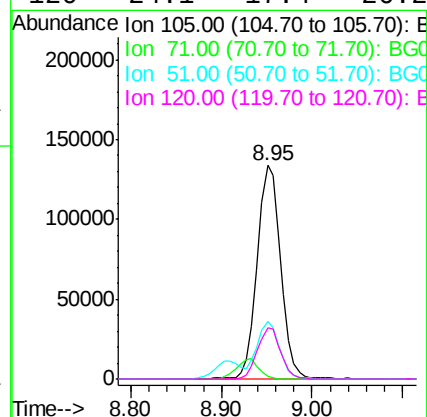
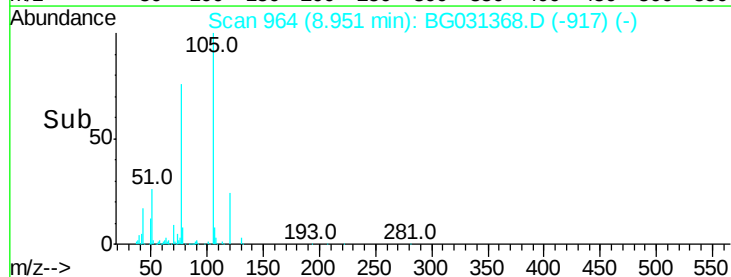
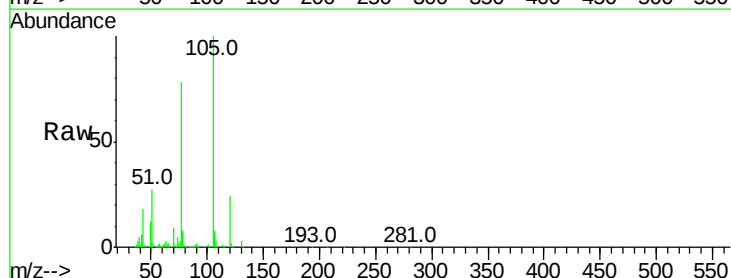
Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-4

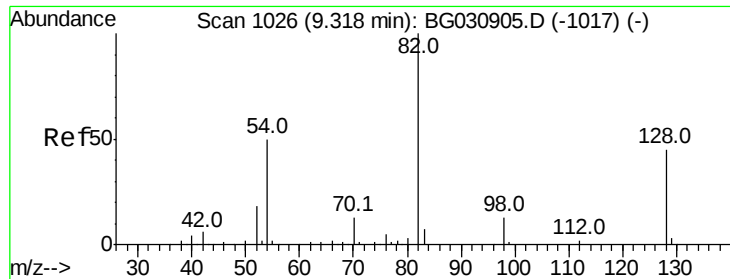
Tot Ion:136	Resp:	270354
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.2 13.8
54	6.9	10.3 15.5#
68	5.5	4.5 6.7



#22
Acetophenone
Concen: 35.666 ng
RT: 8.95 min Scan# 964
Delta R.T. -0.02 min
Lab File: BG031368.D
Acq: 5 Dec 2017 4:38

Tgt Ion:105	Resp:	240088
Ion Ratio	Lower	Upper
105	100	
71	1.4	3.0 4.4#
51	26.9	26.1 39.1
120	24.1	17.4 26.2

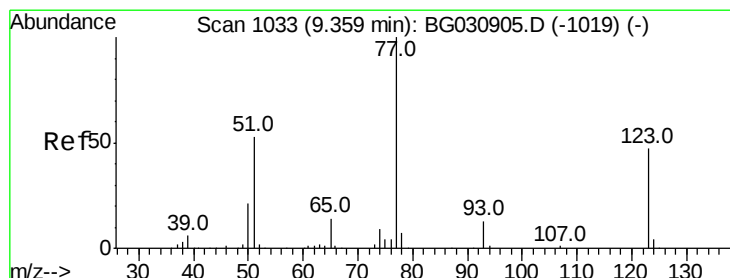
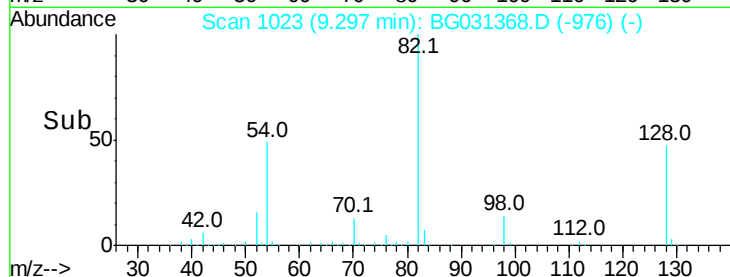
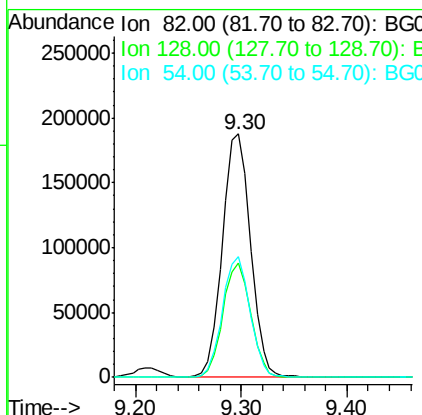
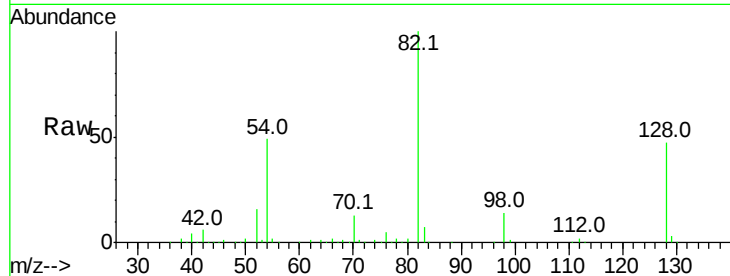




#23
 Nitrobenzene-d5
 Concen: 76.252 ng
 RT: 9.30 min Scan# 1023
 Delta R.T. -0.02 min
 Lab File: BG031368.D
 Acq: 5 Dec 2017 4:38

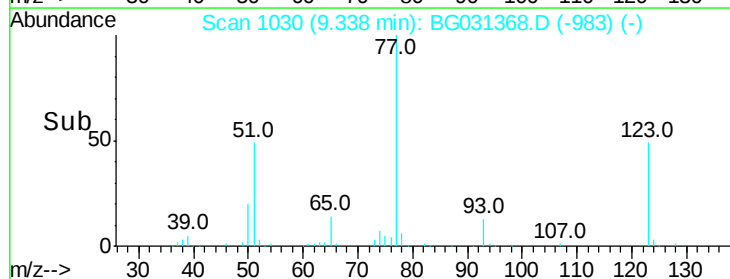
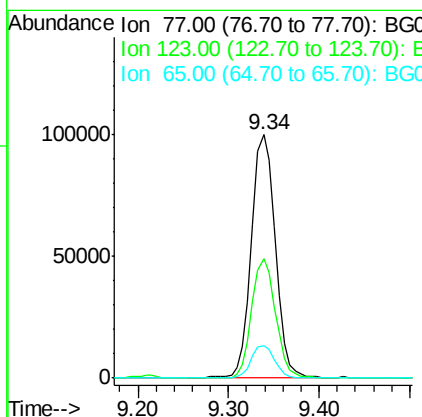
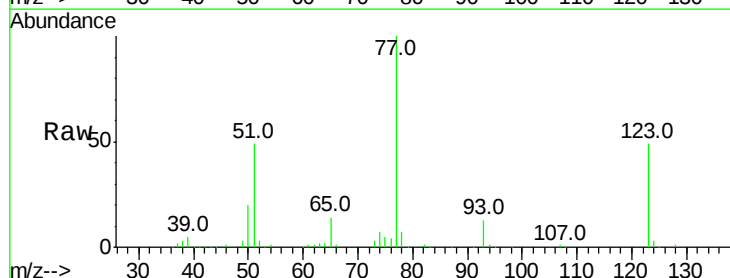
Instrument :
 BNA_G
 ClientSampleId :
 IDOC-SOIL-4

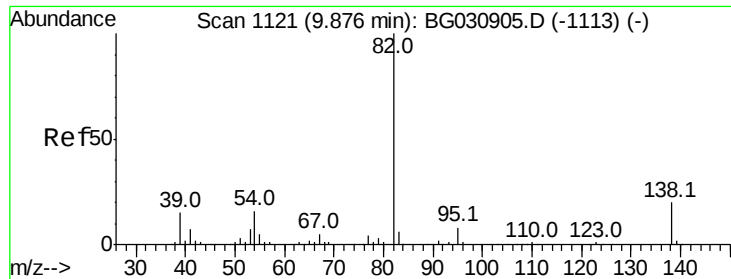
Tot Ion	82	Resp	347898
Ion Ratio	Lower	Upper	
82	100		
128	46.9	29.7	44.5#
54	49.4	43.1	64.7



#24
 Nitrobenzene
 Concen: 39.542 ng
 RT: 9.34 min Scan# 1030
 Delta R.T. -0.02 min
 Lab File: BG031368.D
 Acq: 5 Dec 2017 4:38

Tgt Ion	77	Resp	184288
Ion Ratio	Lower	Upper	
77	100		
123	48.9	33.0	49.6
65	13.5	13.0	19.6

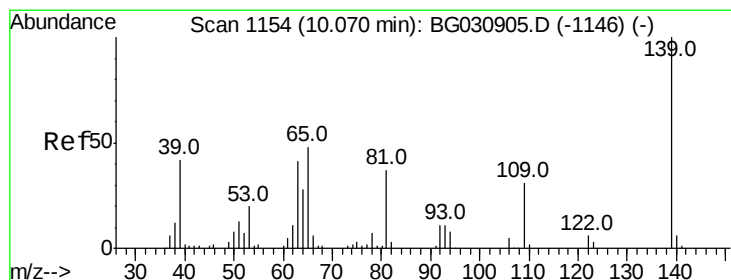
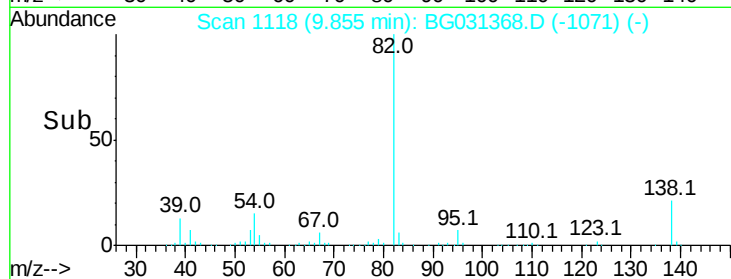
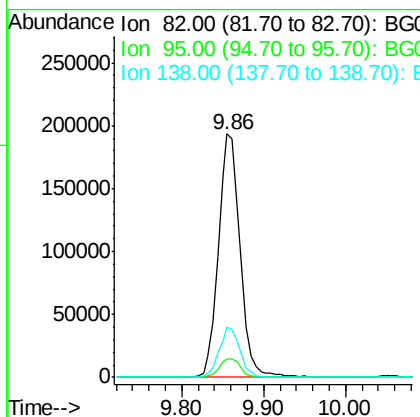
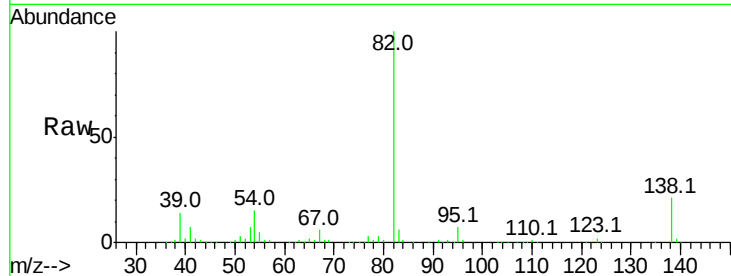




#25
Isophorone
Concen: 40.040 ng
RT: 9.86 min Scan# 1118
Delta R.T. -0.02 min
Lab File: BG031368.D
Acq: 5 Dec 2017 4:38

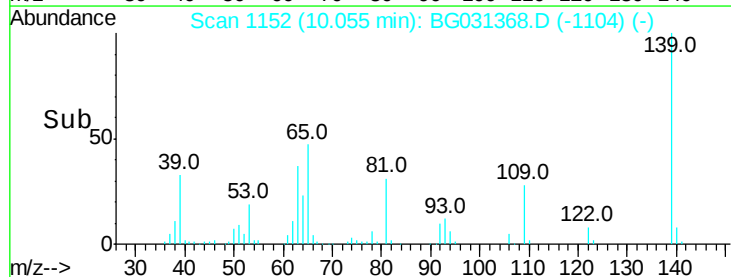
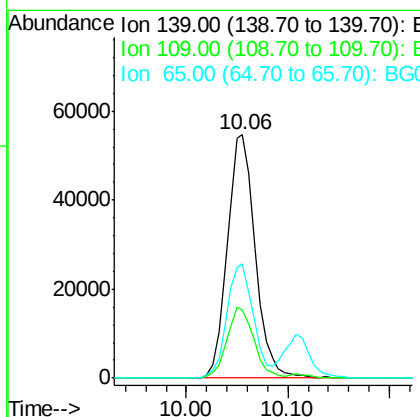
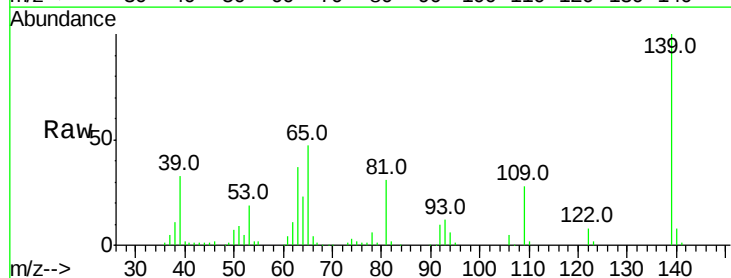
Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-4

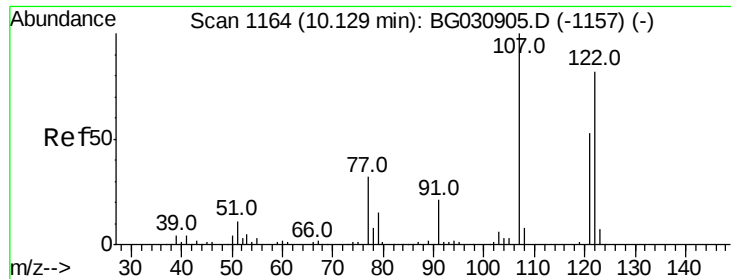
Tot Ion: 82 Resp: 356276
Ion Ratio Lower Upper
82 100
95 7.5 6.2 9.2
138 20.7 12.1 18.1#



#26
2-Nitrophenol
Concen: 42.761 ng
RT: 10.06 min Scan# 1152
Delta R.T. -0.02 min
Lab File: BG031368.D
Acq: 5 Dec 2017 4:38

Tgt Ion:139 Resp: 103880
Ion Ratio Lower Upper
139 100
109 28.2 24.2 36.2
65 46.9 47.4 71.0#

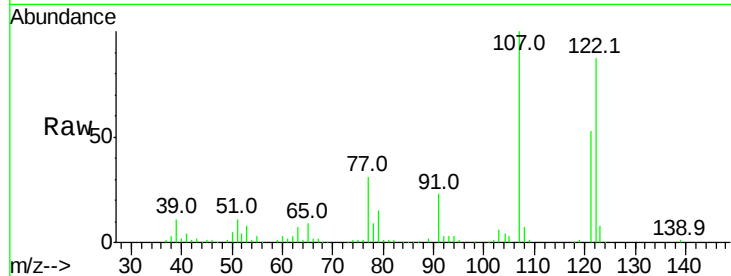




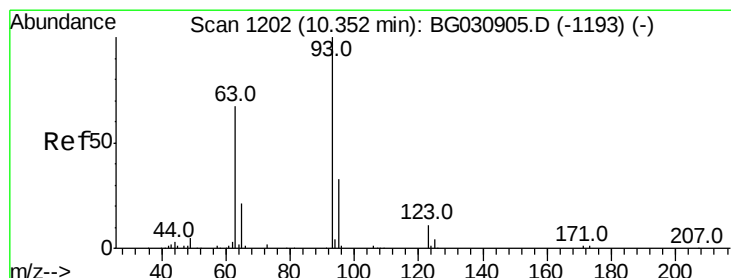
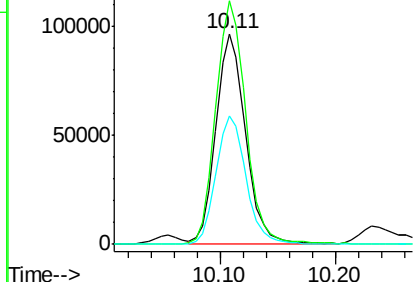
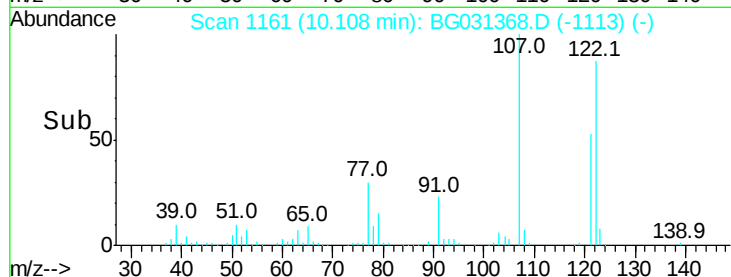
#27
 2,4-Dimethylphenol
 Concen: 47.125 ng
 RT: 10.11 min Scan# 1161
 Delta R.T. -0.02 min
 Lab File: BG031368.D
 Acq: 5 Dec 2017 4:38

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-SOIL-4

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.4	100.2	150.2
121	60.7	44.4	66.6

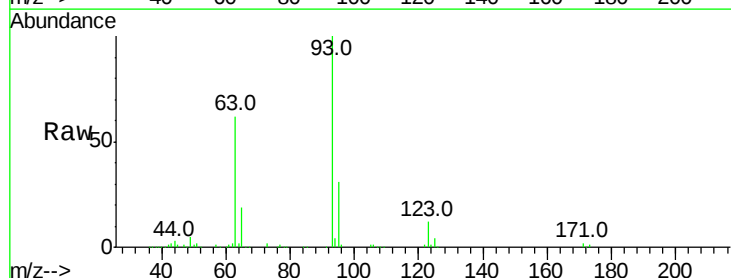


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

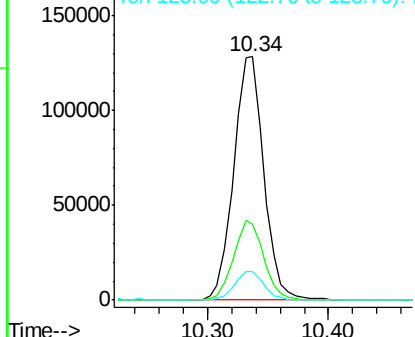
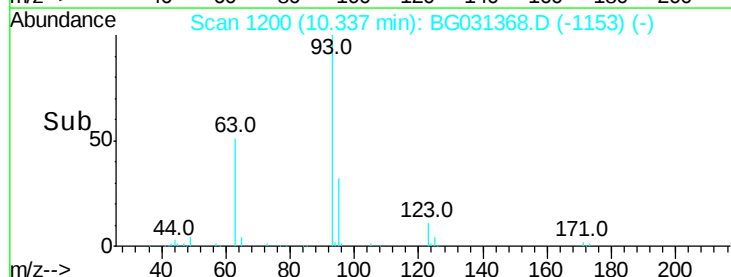


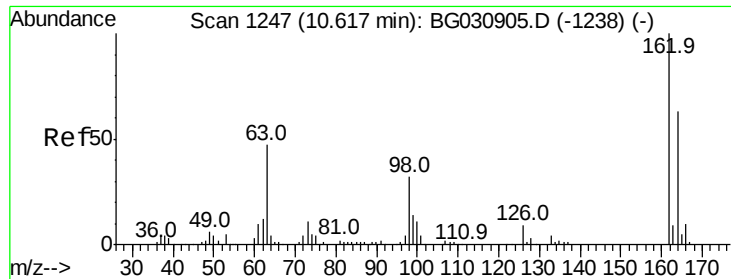
#28
 bis(2-Chloroethoxy)methane
 Concen: 39.783 ng
 RT: 10.34 min Scan# 1200
 Delta R.T. -0.02 min
 Lab File: BG031368.D
 Acq: 5 Dec 2017 4:38

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.3	24.3	36.5
123	11.7	8.4	12.6



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

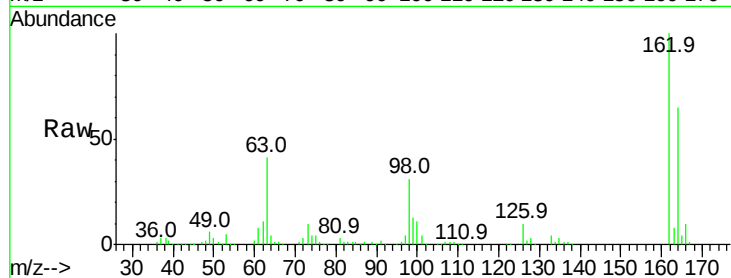




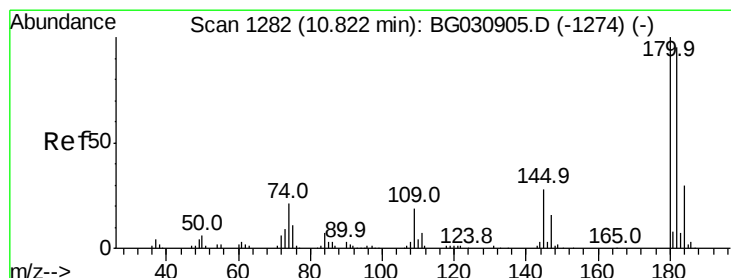
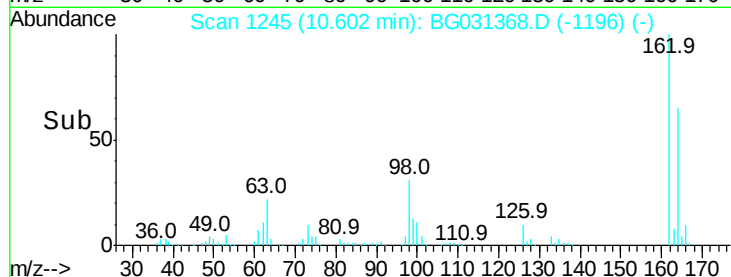
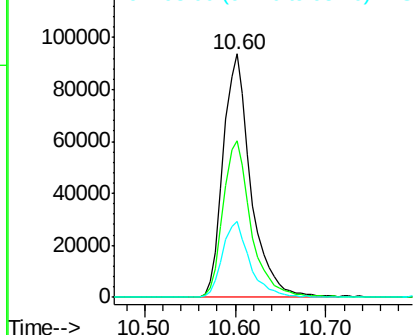
#29
2,4-Dichlorophenol
Concen: 45.828 ng
RT: 10.60 min Scan# 1245
Delta R.T. -0.01 min
Lab File: BG031368.D
Acq: 5 Dec 2017 4:38

Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-4

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.5	48.0	88.0
98	31.3	21.1	61.1

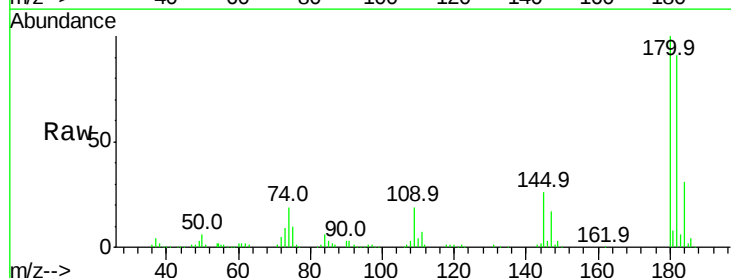


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

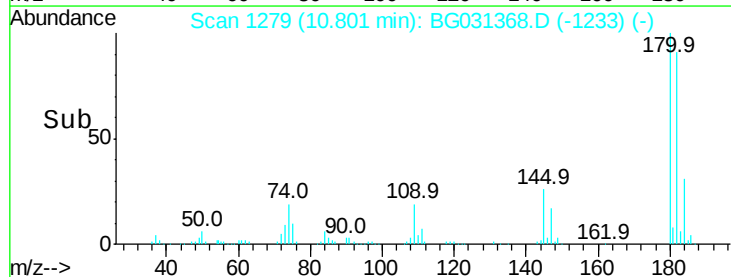
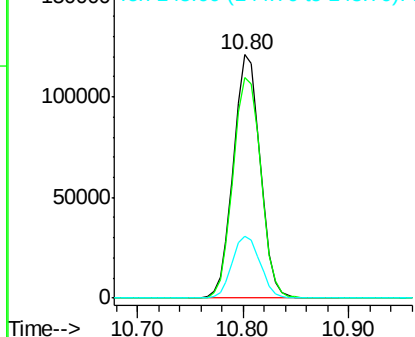


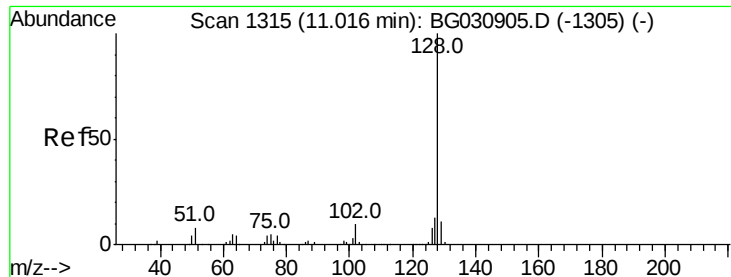
#30
1,2,4-Trichlorobenzene
Concen: 40.987 ng
RT: 10.80 min Scan# 1279
Delta R.T. -0.03 min
Lab File: BG031368.D
Acq: 5 Dec 2017 4:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.8	77.5	116.3
145	25.6	23.4	35.2



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

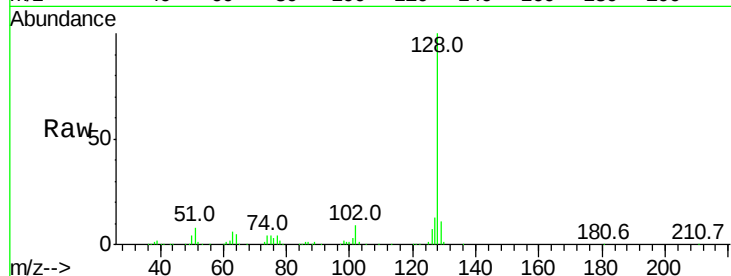




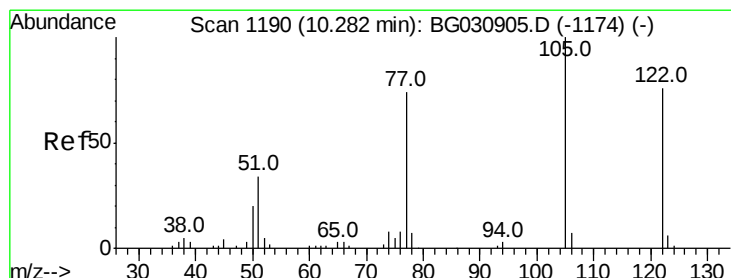
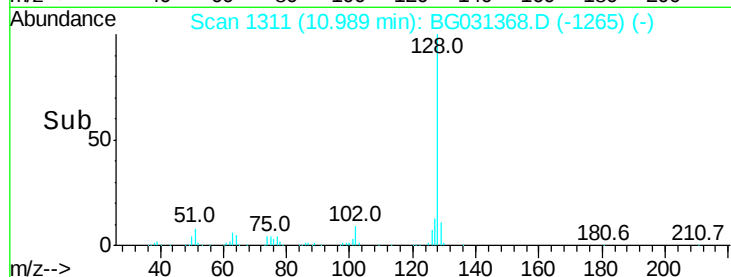
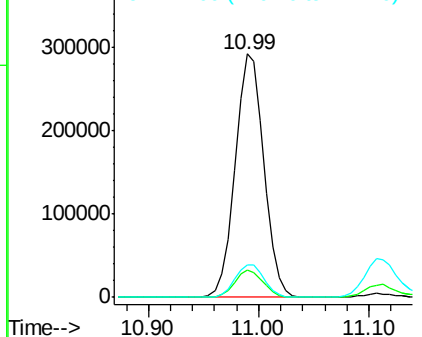
#31
Naphthalene
Concen: 40.026 ng
RT: 10.99 min Scan# 1311
Delta R.T. -0.03 min
Lab File: BG031368.D
Acq: 5 Dec 2017 4:38

Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-4

Tot Ion:128 Resp: 531963
Ion Ratio Lower Upper
128 100
129 11.3 8.6 12.8
127 13.5 11.6 17.4

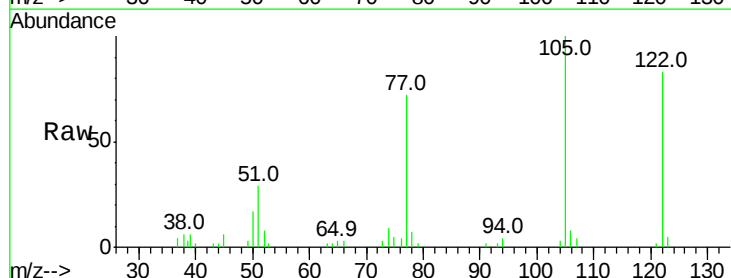


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

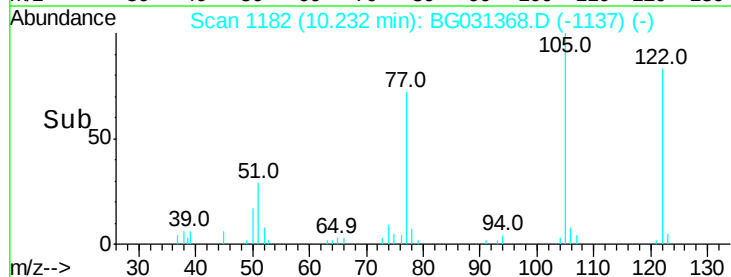
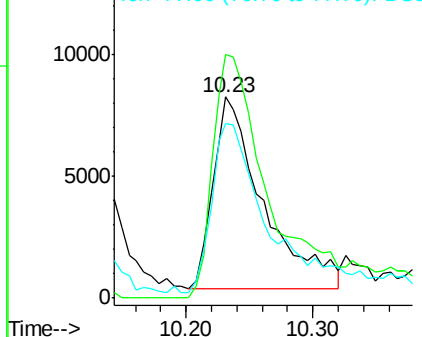


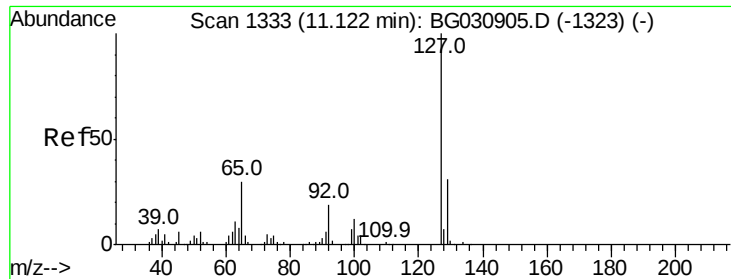
#32
Benzoic acid
Concen: 11.956 ng
RT: 10.23 min Scan# 1182
Delta R.T. -0.04 min
Lab File: BG031368.D
Acq: 5 Dec 2017 4:38

Tgt Ion:122 Resp: 21437
Ion Ratio Lower Upper
122 100
105 121.1 123.5 163.5#
77 87.1 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

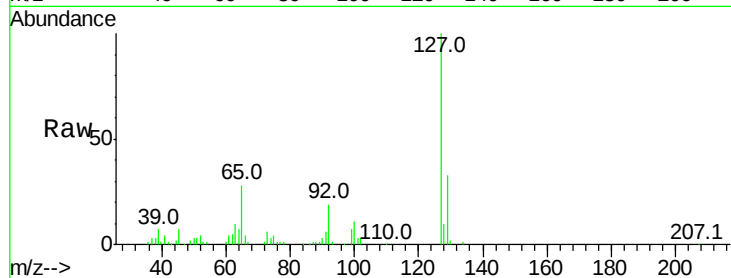




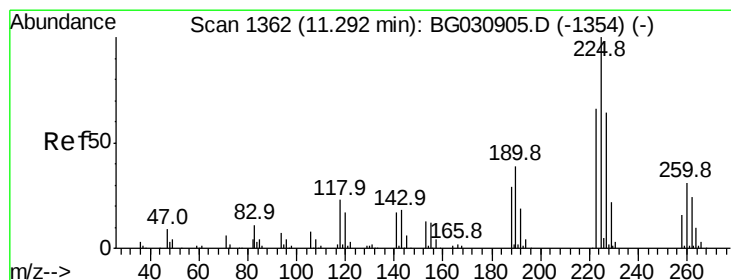
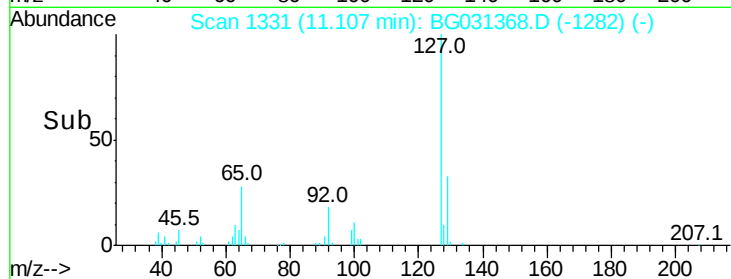
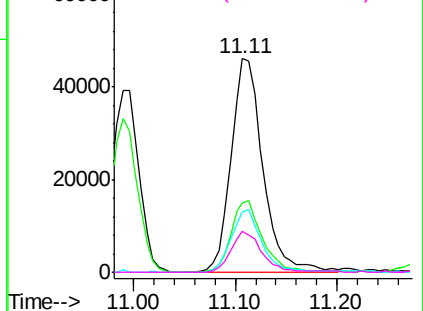
#33
4-Chloroaniline
Concen: 17.281 ng
RT: 11.11 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BG031368.D
Acq: 5 Dec 2017 4:38

Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-4

Tot Ion:	127	Resp:	100541
Ion	Ratio	Lower	Upper
127	100		
129	32.6	24.0	36.0
65	28.3	27.0	40.4
92	19.3	16.6	25.0

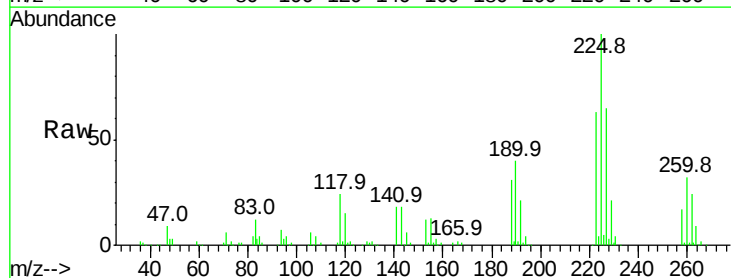


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

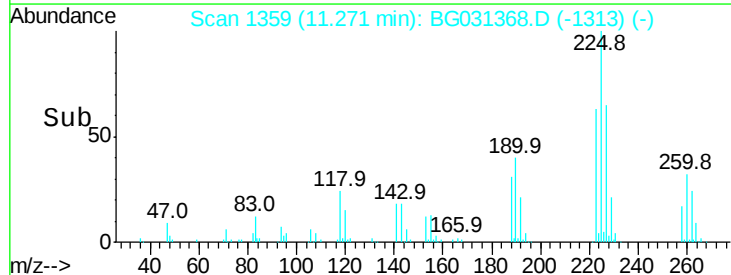
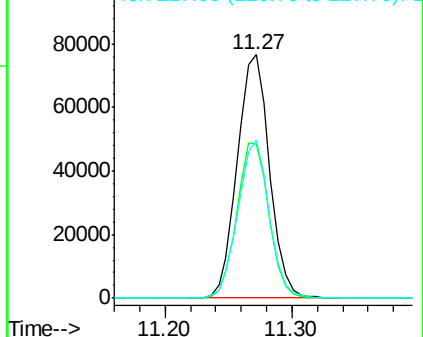


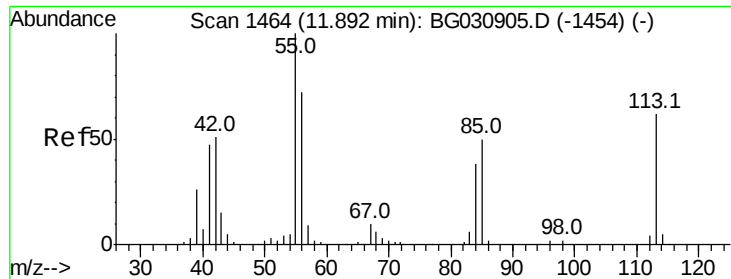
#34
Hexachlorobutadiene
Concen: 37.586 ng
RT: 11.27 min Scan# 1359
Delta R.T. -0.03 min
Lab File: BG031368.D
Acq: 5 Dec 2017 4:38

Tgt Ion:	225	Resp:	134777
Ion	Ratio	Lower	Upper
225	100		
223	63.2	49.7	74.5
227	64.8	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

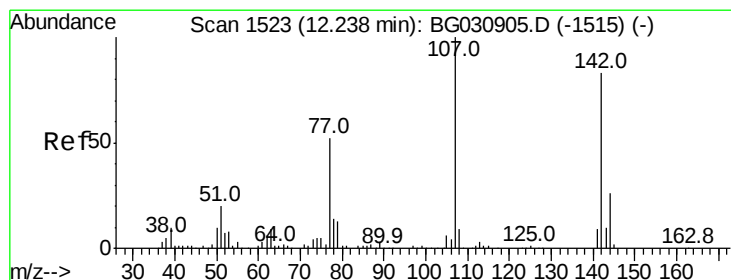
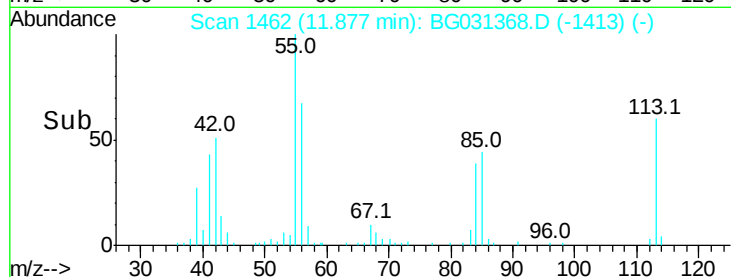
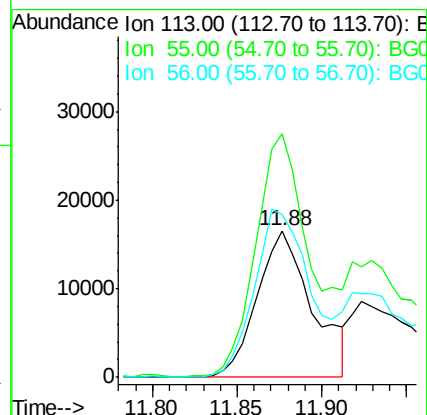
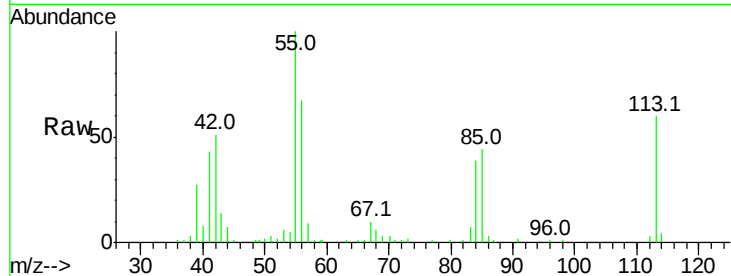




#35
 Caprolactam
 Concen: 21.064 ng
 RT: 11.88 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BG031368.D
 Acq: 5 Dec 2017 4:38

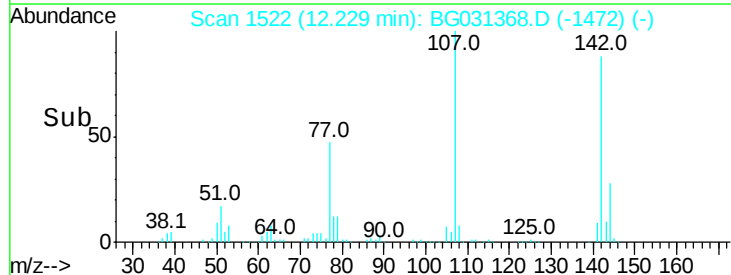
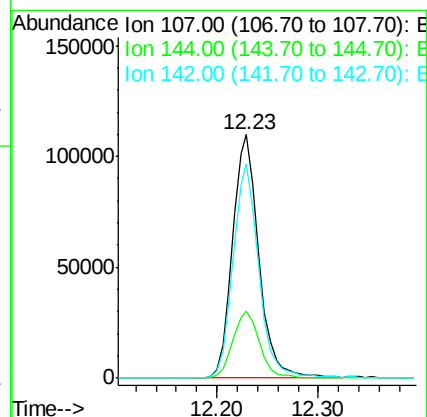
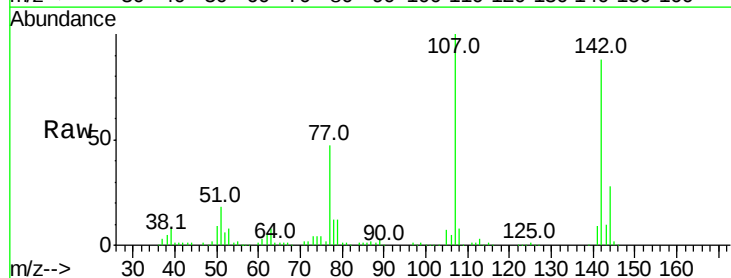
Instrument :
 BNA_G
 ClientSampleId :
 IDOC-SOIL-4

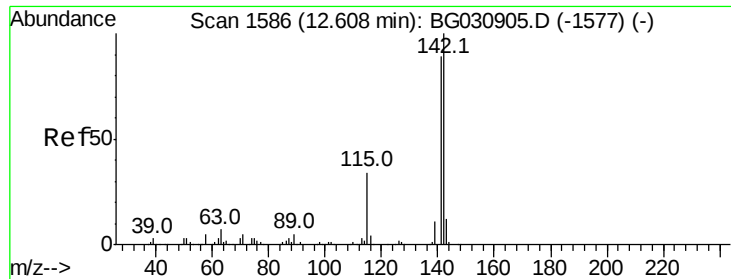
Tot Ion:113 Resp: 37265
 Ion Ratio Lower Upper
 113 100
 55 165.9 186.9 226.9#
 56 111.4 130.9 170.9#



#36
 4-Chloro-3-methylphenol
 Concen: 41.907 ng
 RT: 12.23 min Scan# 1522
 Delta R.T. -0.01 min
 Lab File: BG031368.D
 Acq: 5 Dec 2017 4:38

Tgt Ion:107 Resp: 197528
 Ion Ratio Lower Upper
 107 100
 144 27.8 18.2 27.4#
 142 87.8 59.0 88.4

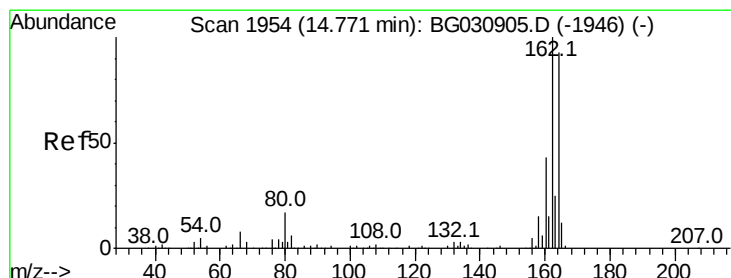
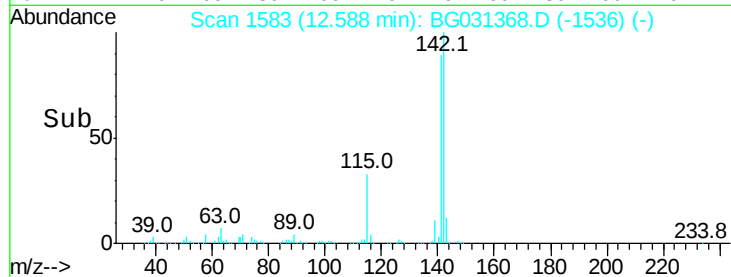
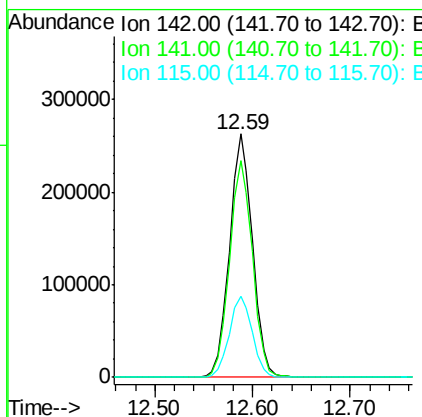
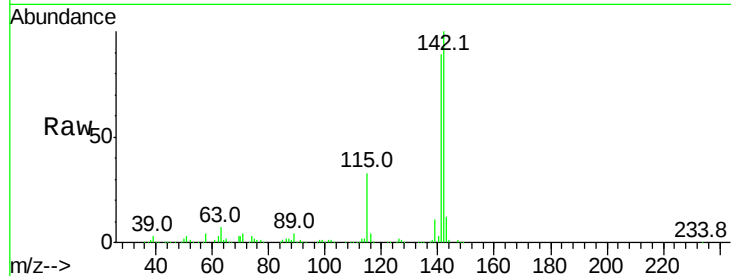




#37
 2-Methylnaphthalene
 Concen: 41.594 ng
 RT: 12.59 min Scan# 1583
 Delta R.T. -0.02 min
 Lab File: BG031368.D
 Acq: 5 Dec 2017 4:38

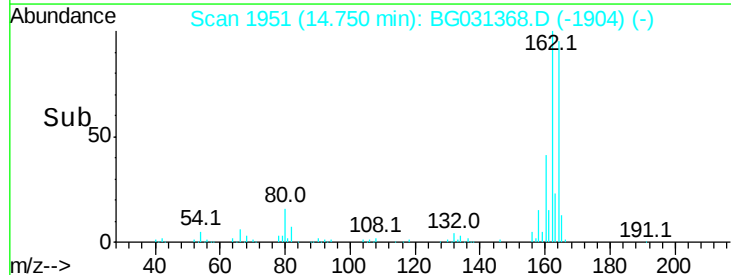
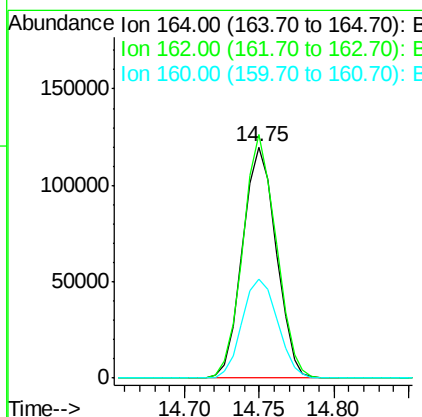
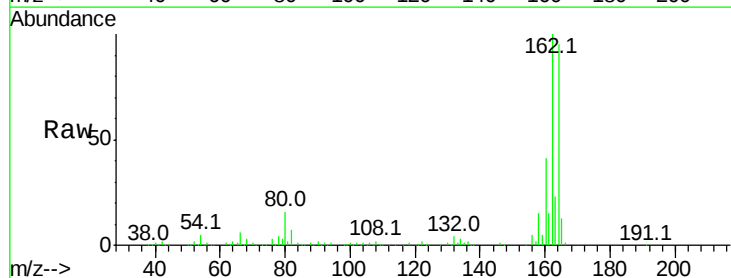
Instrument :
 BNA_G
 ClientSampleId :
 IDOC-SOIL-4

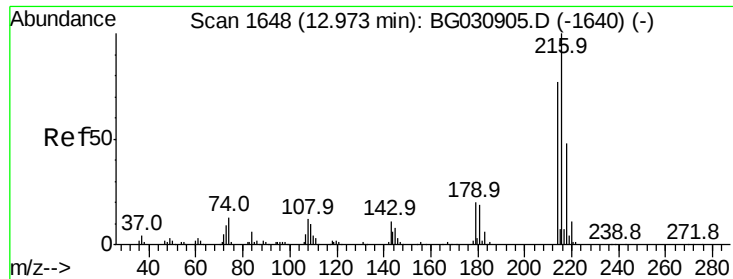
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	67.1	100.7
115	33.1	30.7	46.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.75 min Scan# 1951
 Delta R.T. -0.02 min
 Lab File: BG031368.D
 Acq: 5 Dec 2017 4:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.4	78.8	118.2
160	43.1	35.4	53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.482 ng

RT: 12.95 min Scan# 1645

Delta R.T. -0.02 min

Lab File: BG031368.D

Acq: 5 Dec 2017 4:38

Instrument :

BNA_G

ClientSampleId :

IDOC-SOIL-4

Tot Ion:216 Resp: 263195

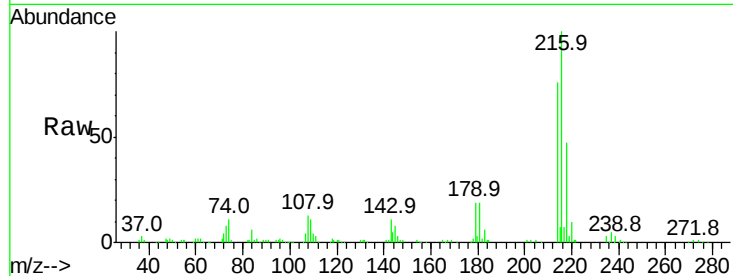
Ion Ratio Lower Upper

216 100

214 75.8 63.0 94.4

179 18.3 17.0 25.6

108 13.5 12.8 19.2

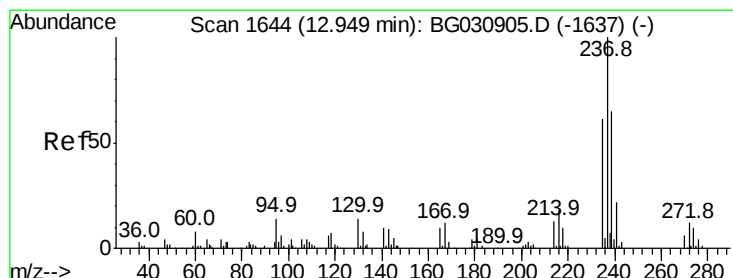
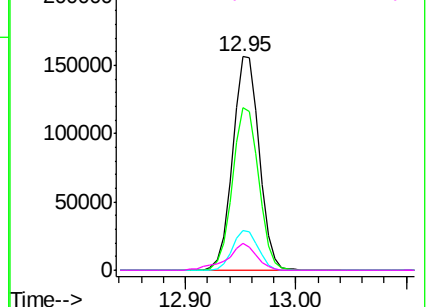
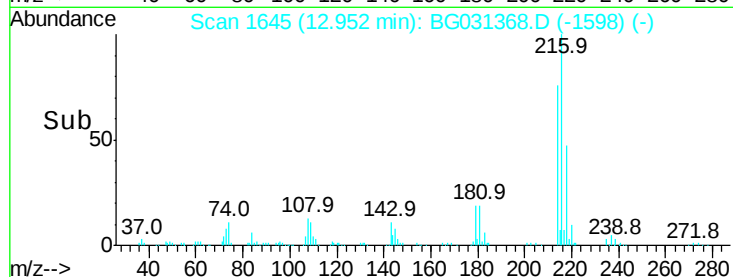


Abundance Ion 216.00 (215.70 to 216.70): E

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: 80.503 ng

RT: 12.93 min Scan# 1641

Delta R.T. -0.02 min

Lab File: BG031368.D

Acq: 5 Dec 2017 4:38

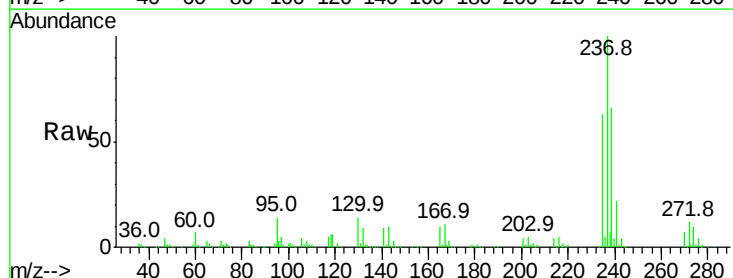
Tgt Ion:237 Resp: 221064

Ion Ratio Lower Upper

237 100

235 63.2 50.4 90.4

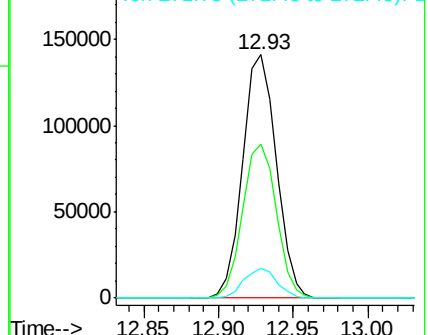
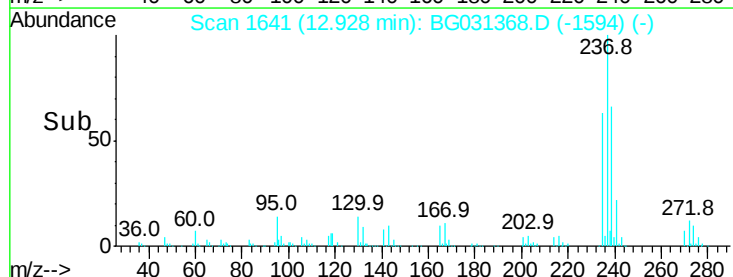
272 12.4 0.0 31.8

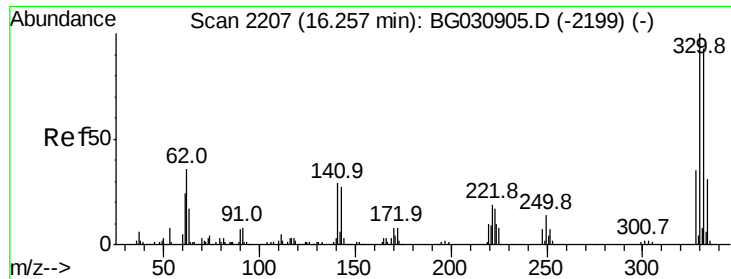


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

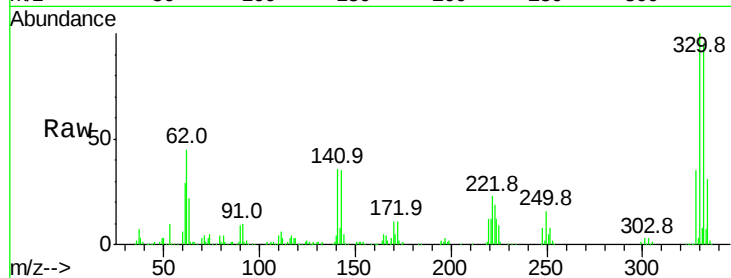




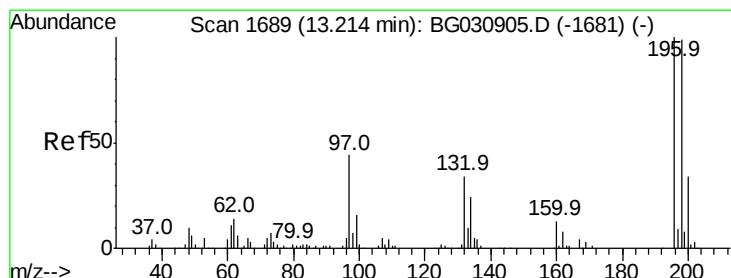
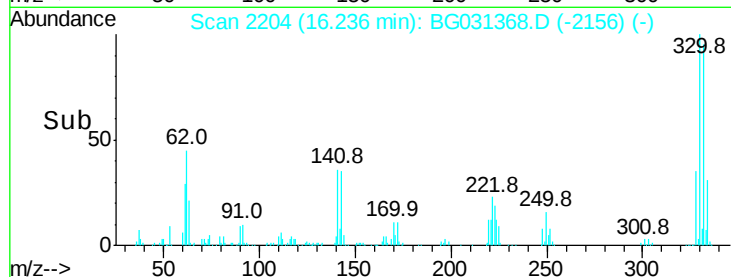
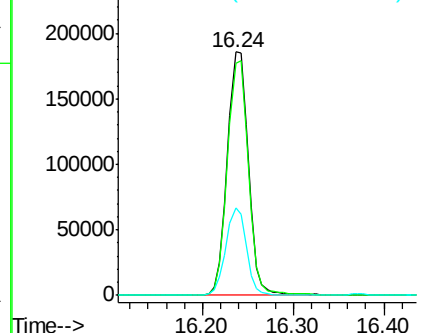
#41
 2,4,6-Tribromophenol
 Concen: 99.517 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. -0.02 min
 Lab File: BG031368.D
 Acq: 5 Dec 2017 4:38

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-SOIL-4

Tot Ion:330 Resp: 300870
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 35.0 25.2 37.8

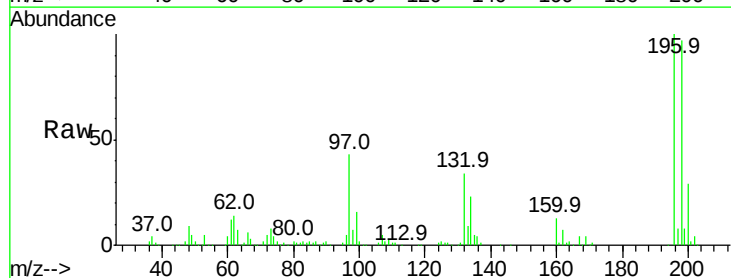


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

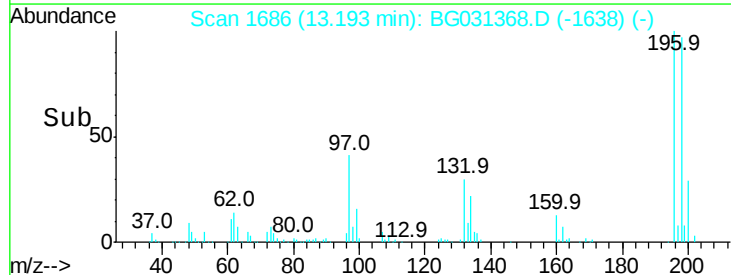
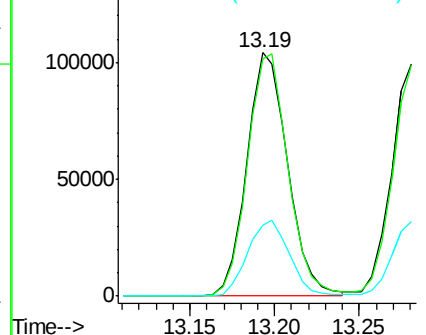


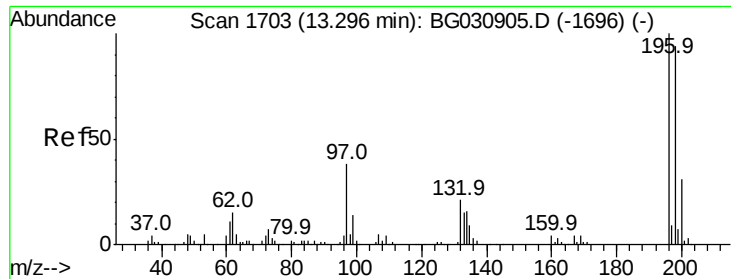
#42
 2,4,6-Trichlorophenol
 Concen: 41.370 ng
 RT: 13.19 min Scan# 1686
 Delta R.T. -0.02 min
 Lab File: BG031368.D
 Acq: 5 Dec 2017 4:38

Tgt Ion:196 Resp: 175428
 Ion Ratio Lower Upper
 196 100
 198 97.4 78.2 117.2
 200 28.9 24.6 36.8



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

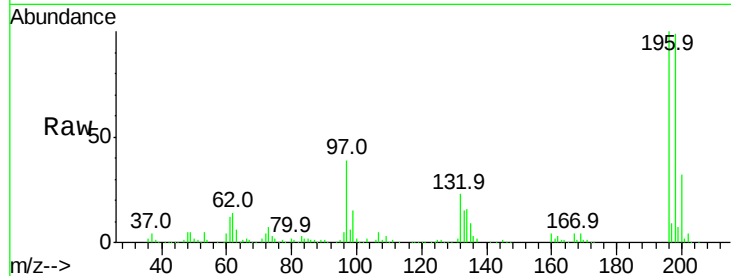




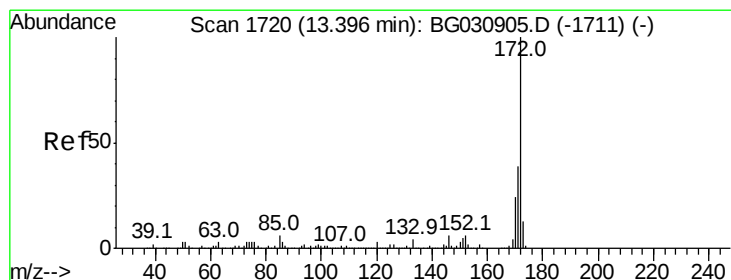
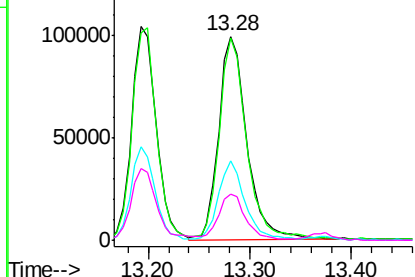
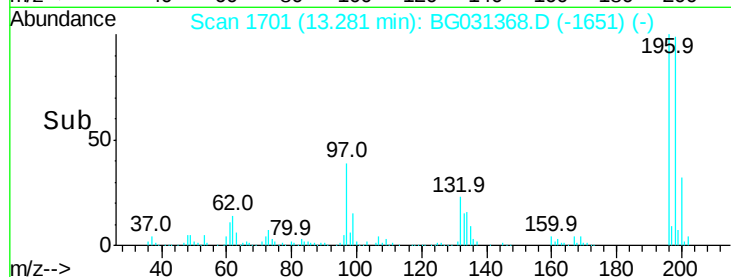
#43
2,4,5-Trichlorophenol
Concen: 40.980 ng
RT: 13.28 min Scan# 1701
Delta R.T. -0.01 min
Lab File: BG031368.D
Acq: 5 Dec 2017 4:38

Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-4

Tot Ion:196 Resp: 190127
Ion Ratio Lower Upper
196 100
198 99.2 76.2 114.4
97 38.7 38.7 58.1
132 22.6 20.2 30.2

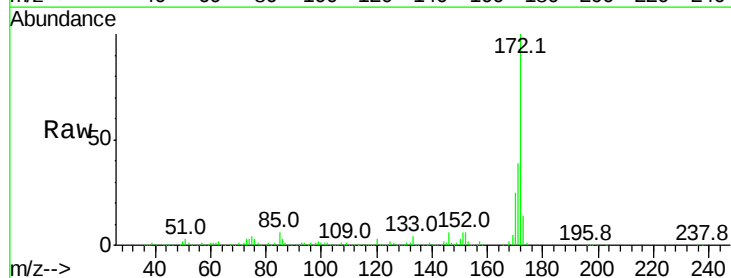


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BG
Ion 132.00 (131.70 to 132.70): E

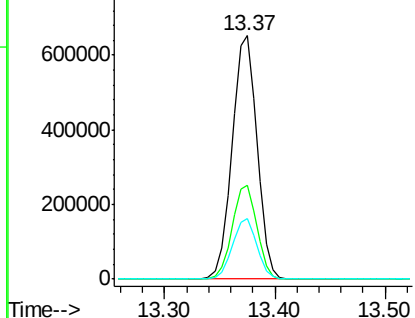
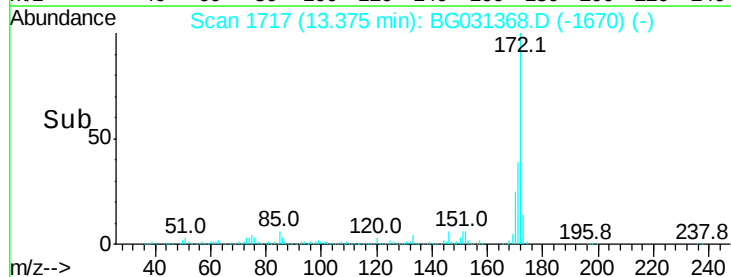


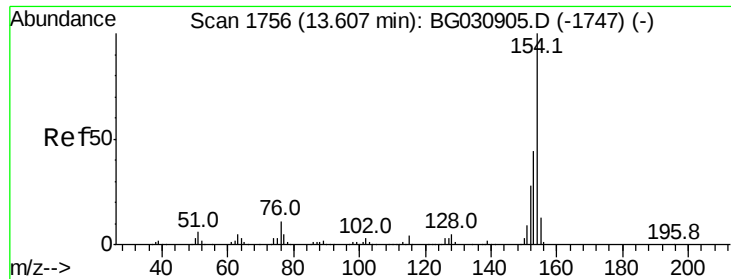
#44
2-Fluorobiphenyl
Concen: 79.551 ng
RT: 13.37 min Scan# 1717
Delta R.T. -0.02 min
Lab File: BG031368.D
Acq: 5 Dec 2017 4:38

Tgt Ion:172 Resp: 1034690
Ion Ratio Lower Upper
172 100
171 38.5 30.0 45.0
170 25.0 19.5 29.3



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

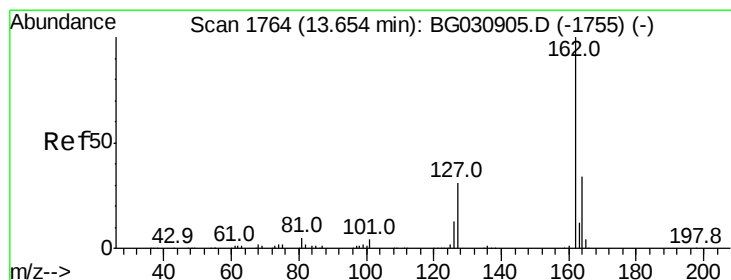
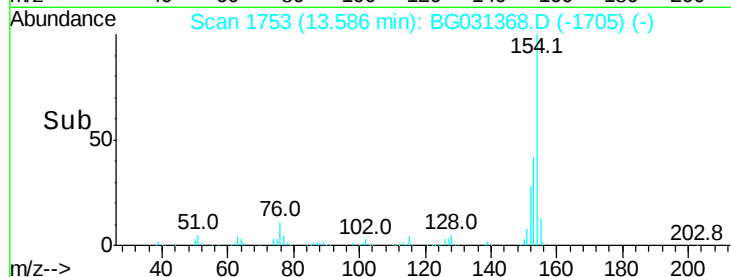
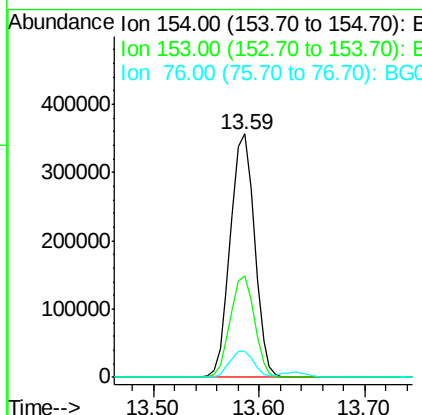
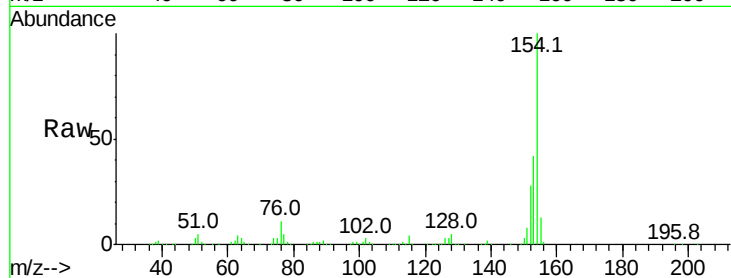




#45
 1,1'-Biphenyl
 Concen: 36.402 ng
 RT: 13.59 min Scan# 1753
 Delta R.T. -0.02 min
 Lab File: BG031368.D
 Acq: 5 Dec 2017 4:38

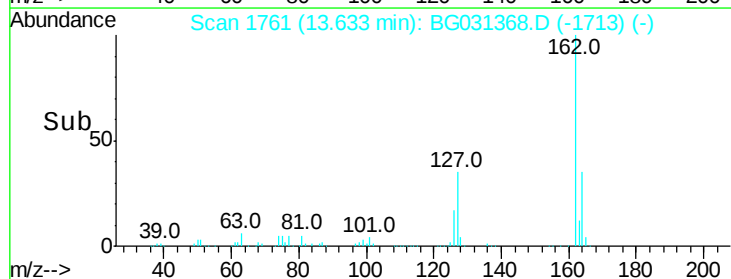
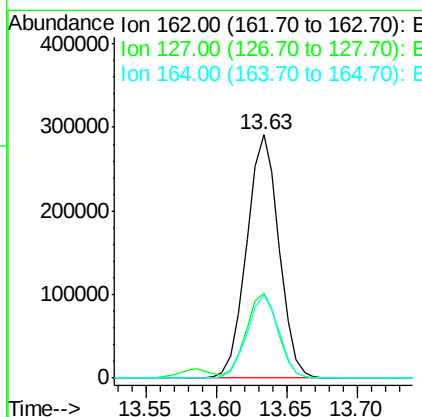
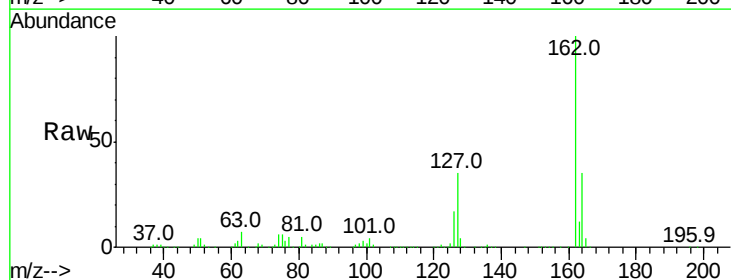
Instrument :
 BNA_G
 ClientSampleId :
 IDOC-SOIL-4

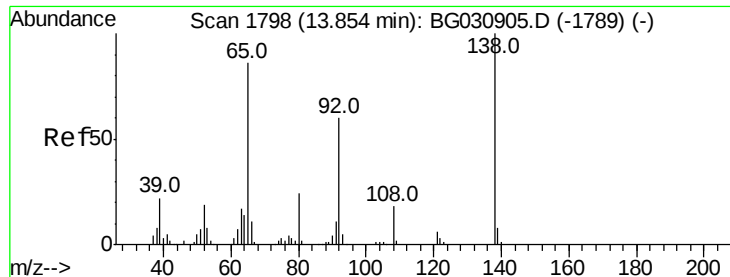
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.7	19.8	59.8
76	10.7	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 41.736 ng
 RT: 13.63 min Scan# 1761
 Delta R.T. -0.02 min
 Lab File: BG031368.D
 Acq: 5 Dec 2017 4:38

Tgt Ion	Ratio	Lower	Upper
162	100		
127	34.7	30.7	46.1
164	34.5	26.0	39.0





#47

2-Nitroaniline

Concen: 38.484 ng

RT: 13.84 min Scan# 1796

Delta R.T. -0.01 min

Lab File: BG031368.D

Acq: 5 Dec 2017 4:38

Instrument :

BNA_G

ClientSampleId :

IDOC-SOIL-4

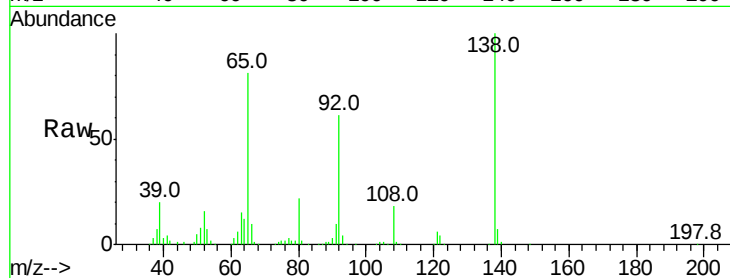
Tot Ion: 65 Resp: 127544

Ion Ratio Lower Upper

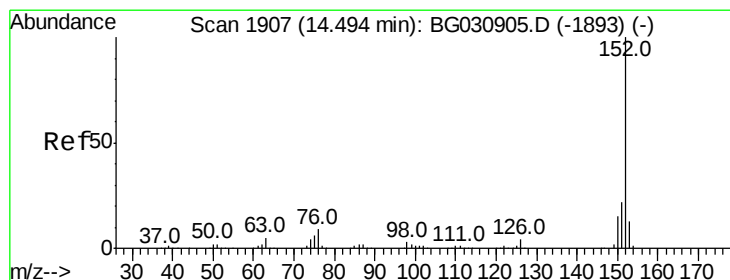
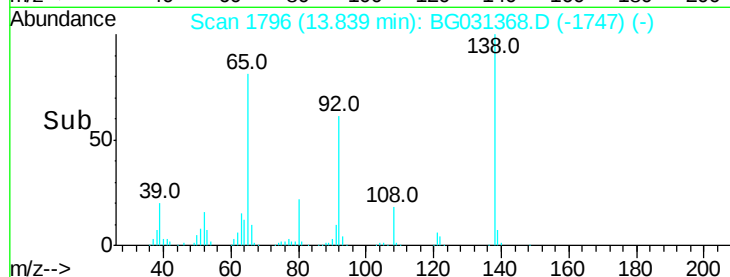
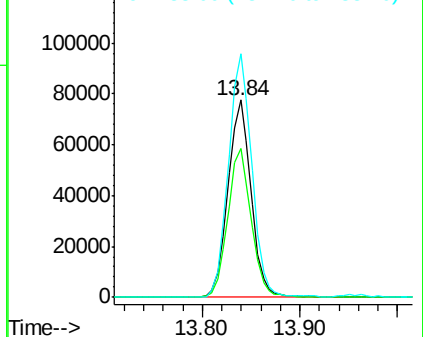
65 100

92 75.6 54.6 82.0

138 123.5 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: 39.273 ng

RT: 14.47 min Scan# 1904

Delta R.T. -0.02 min

Lab File: BG031368.D

Acq: 5 Dec 2017 4:38

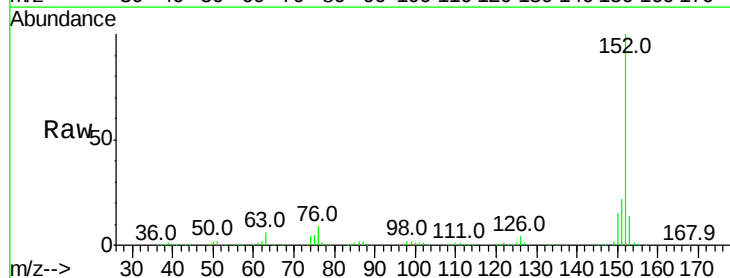
Tgt Ion: 152 Resp: 718744

Ion Ratio Lower Upper

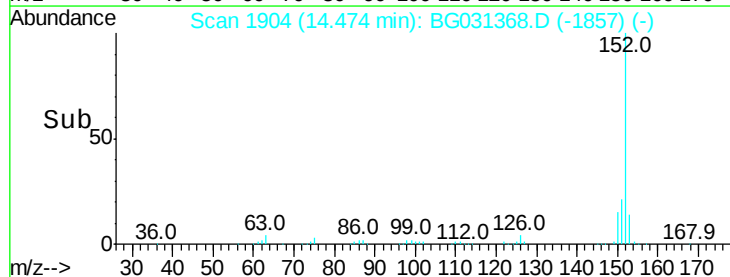
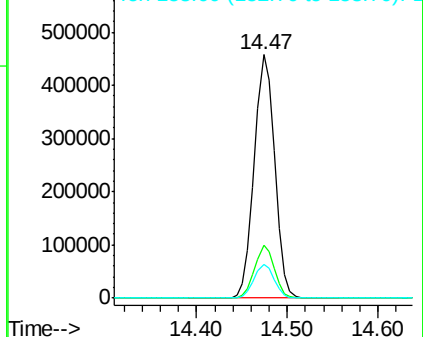
152 100

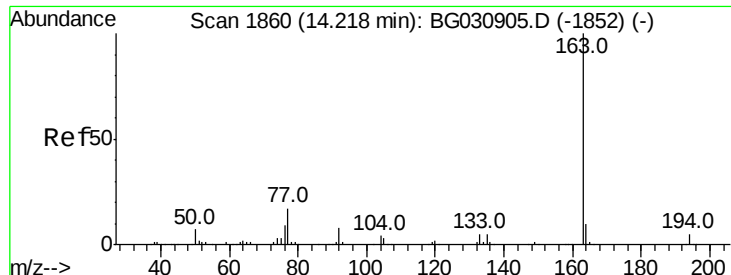
151 21.5 17.2 25.8

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: 44.212 ng

RT: 14.20 min Scan# 1857

Delta R.T. -0.02 min

Lab File: BG031368.D

Acq: 5 Dec 2017 4:38

Instrument :

BNA_G

ClientSampleId :

IDOC-SOIL-4

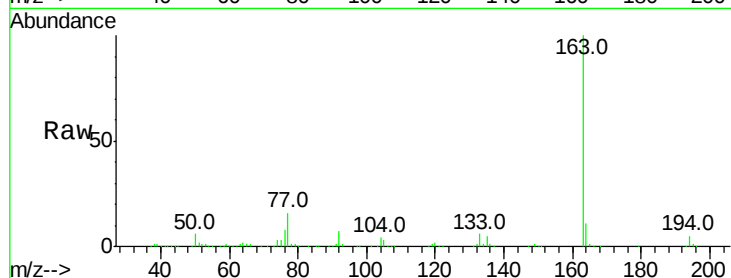
Tot Ion:163 Resp: 714434

Ion Ratio Lower Upper

163 100

194 4.6 3.4 5.2

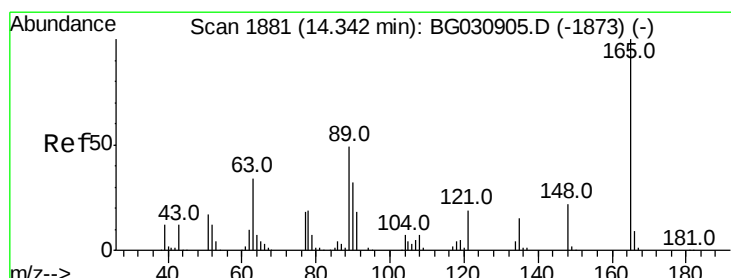
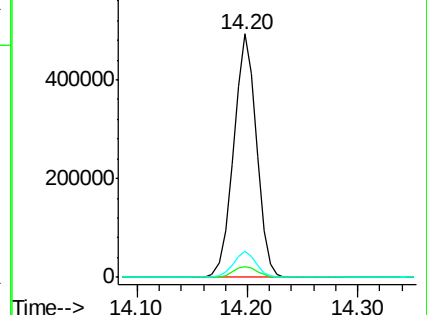
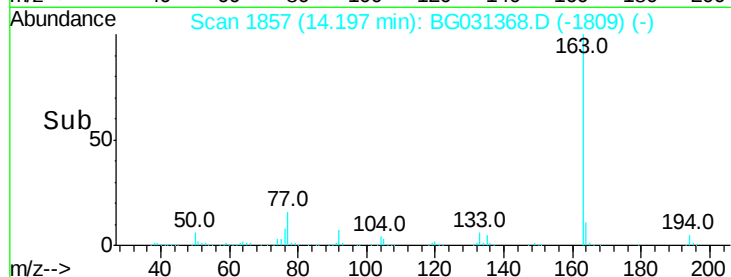
164 10.6 8.2 12.4



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: 43.004 ng

RT: 14.33 min Scan# 1879

Delta R.T. -0.01 min

Lab File: BG031368.D

Acq: 5 Dec 2017 4:38

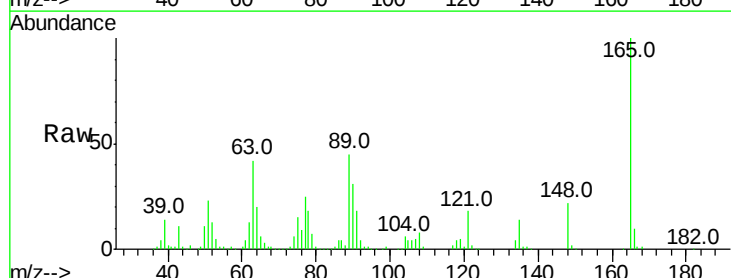
Tgt Ion:165 Resp: 143233

Ion Ratio Lower Upper

165 100

63 42.0 52.7 79.1#

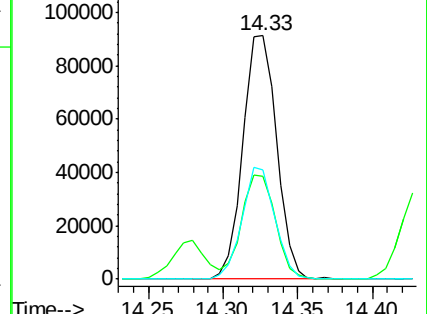
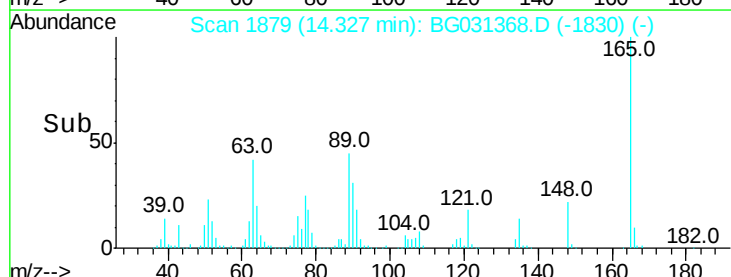
89 44.9 49.2 73.8#

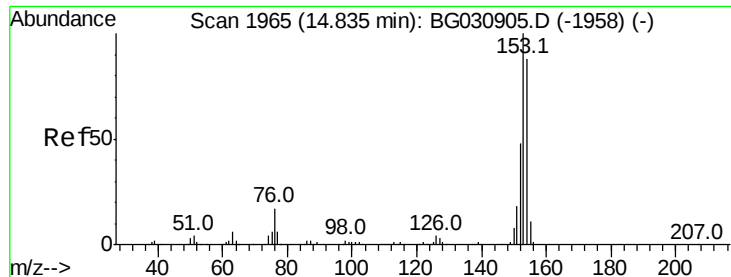


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG





#51

Acenaphthene

Concen: 38.682 ng

RT: 14.81 min Scan# 1962

Delta R.T. -0.02 min

Lab File: BG031368.D

Acq: 5 Dec 2017 4:38

Instrument :

BNA_G

ClientSampleId :

IDOC-SOIL-4

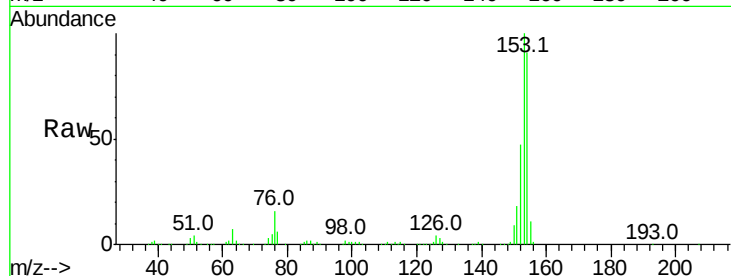
Tot Ion:154 Resp: 442126

Ion Ratio Lower Upper

154 100

153 109.4 90.4 135.6

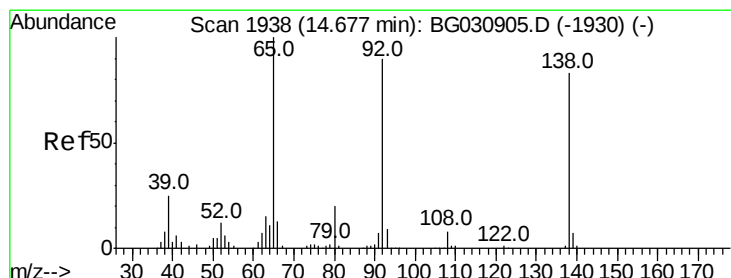
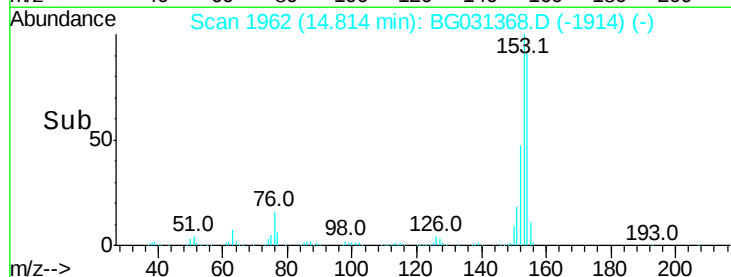
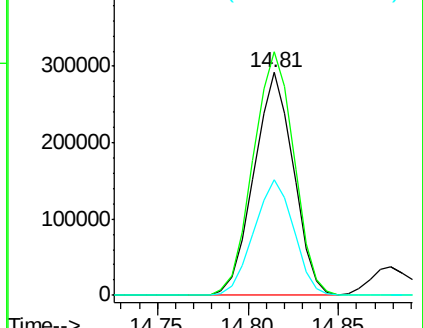
152 51.8 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 26.067 ng

RT: 14.66 min Scan# 1936

Delta R.T. -0.01 min

Lab File: BG031368.D

Acq: 5 Dec 2017 4:38

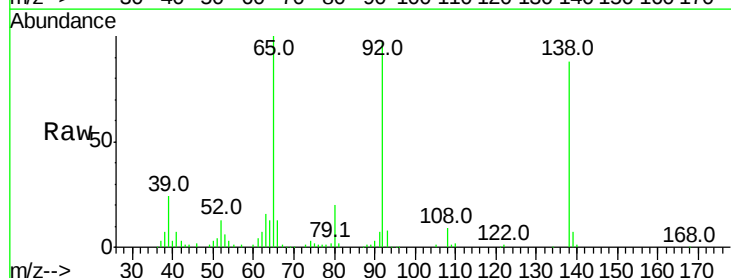
Tgt Ion:138 Resp: 92188

Ion Ratio Lower Upper

138 100

108 9.8 17.5 26.3#

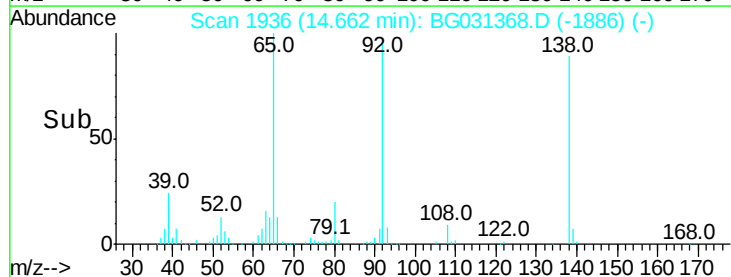
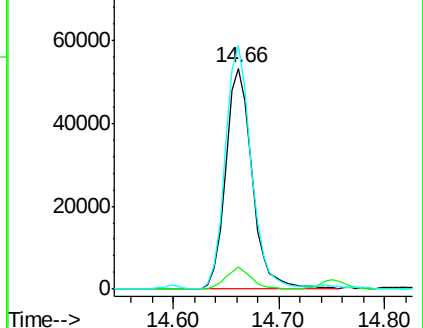
92 110.2 105.8 158.8

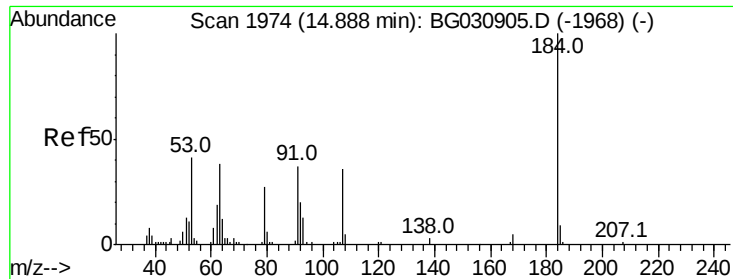


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

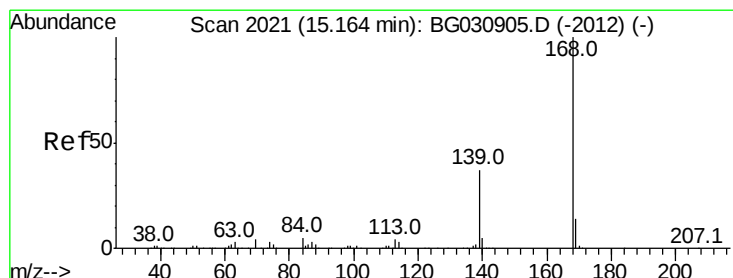
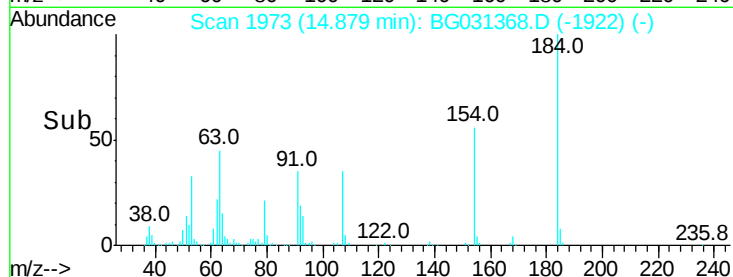
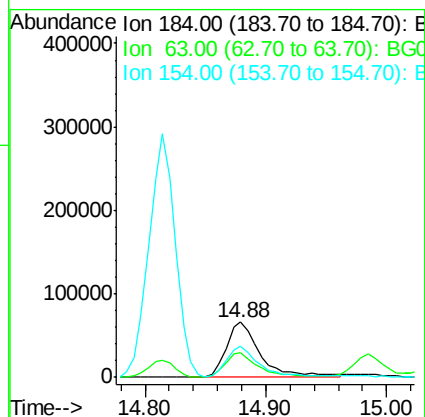
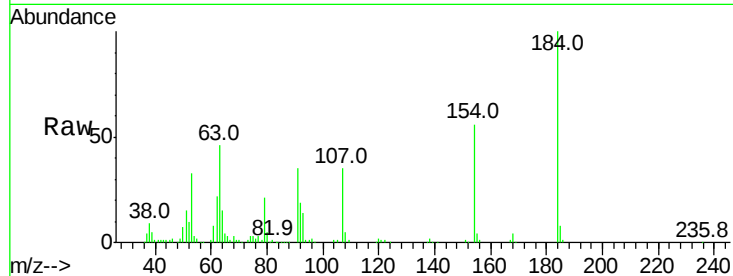




#53
2,4-Dinitrophenol
Concen: 71.216 ng
RT: 14.88 min Scan# 1973
Delta R.T. -0.00 min
Lab File: BG031368.D
Acq: 5 Dec 2017 4:38

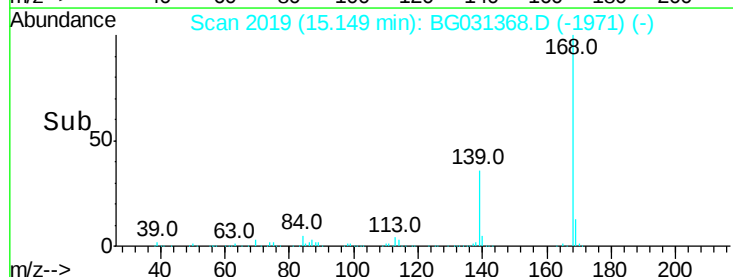
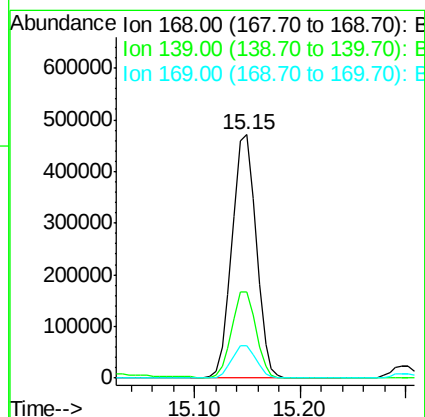
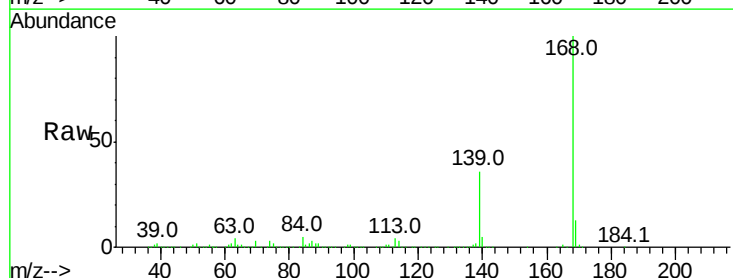
Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-4

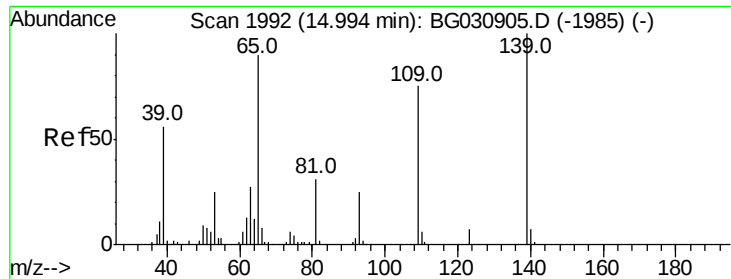
Tot Ion:184 Resp: 129222
Ion Ratio Lower Upper
184 100
63 45.6 59.8 89.8#
154 55.7 101.8 152.8#



#54
Dibenzofuran
Concen: 40.807 ng
RT: 15.15 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BG031368.D
Acq: 5 Dec 2017 4:38

Tgt Ion:168 Resp: 742920
Ion Ratio Lower Upper
168 100
139 35.6 28.6 43.0
169 13.2 11.2 16.8

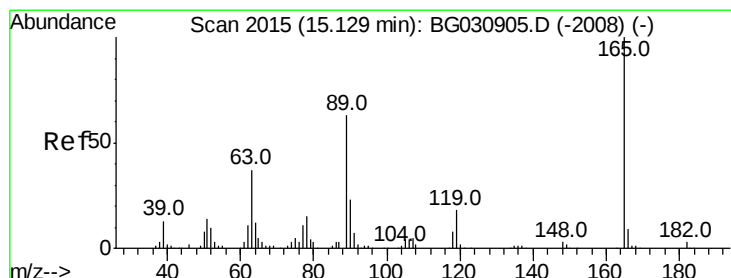
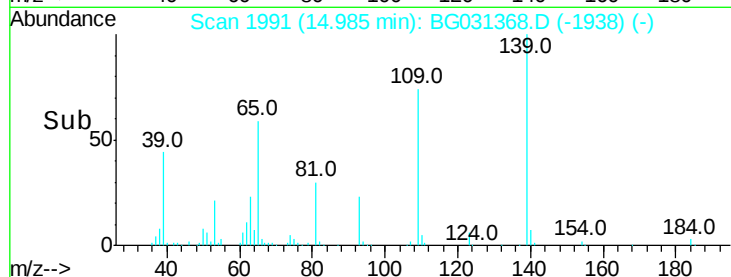
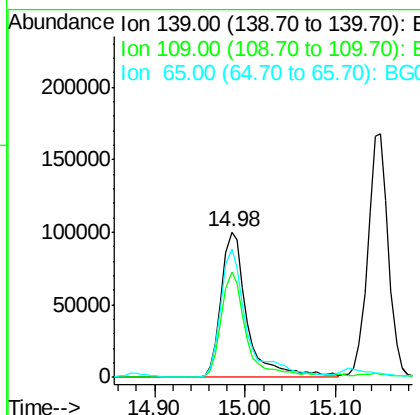
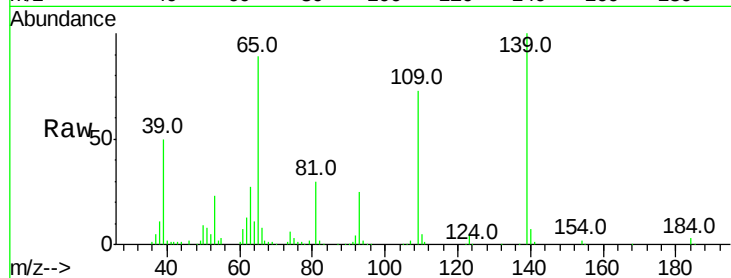




#55
4-Nitrophenol
Concen: 79.957 ng
RT: 14.98 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BG031368.D
Acq: 5 Dec 2017 4:38

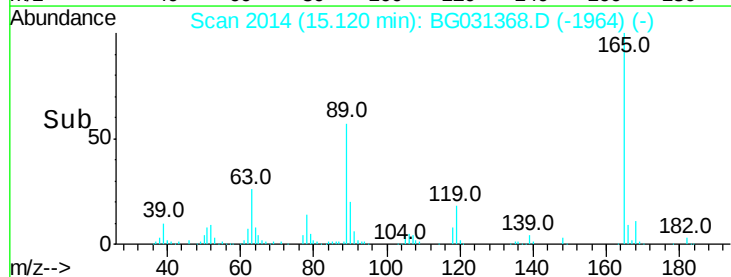
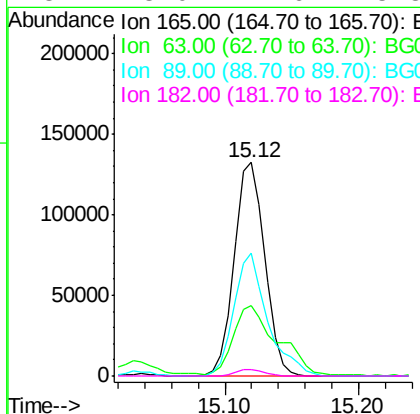
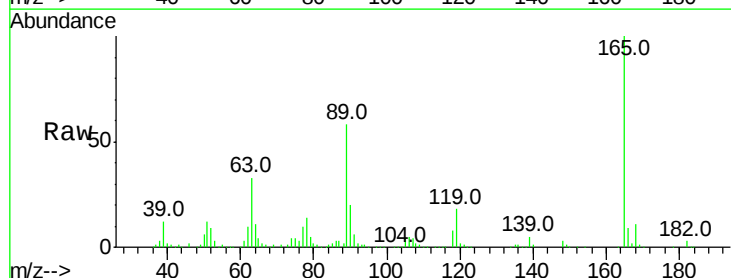
Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-4

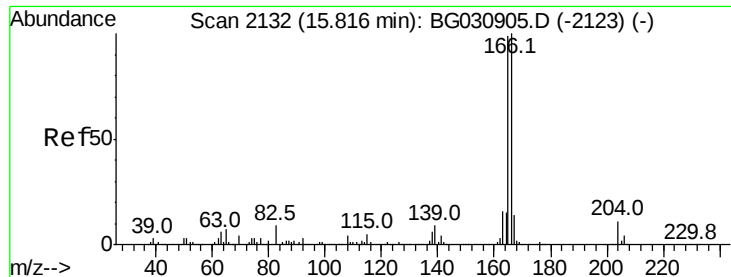
Tot Ion:139 Resp: 201433
Ion Ratio Lower Upper
139 100
109 72.9 62.2 102.2
65 88.6 97.2 137.2#



#56
2,4-Dinitrotoluene
Concen: 43.733 ng
RT: 15.12 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BG031368.D
Acq: 5 Dec 2017 4:38

Tgt Ion:165 Resp: 210581
Ion Ratio Lower Upper
165 100
63 33.0 42.0 63.0#
89 57.7 66.9 100.3#
182 3.0 2.6 3.8





#57

Fluorene

Concen: 40.036 ng

RT: 15.80 min Scan# 2129

Delta R.T. -0.02 min

Lab File: BG031368.D

Acq: 5 Dec 2017 4:38

Instrument :

BNA_G

ClientSampleId :

IDOC-SOIL-4

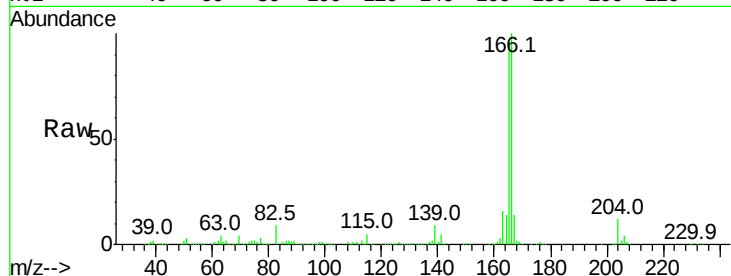
Tot Ion:166 Resp: 591759

Ion Ratio Lower Upper

166 100

165 96.2 80.6 121.0

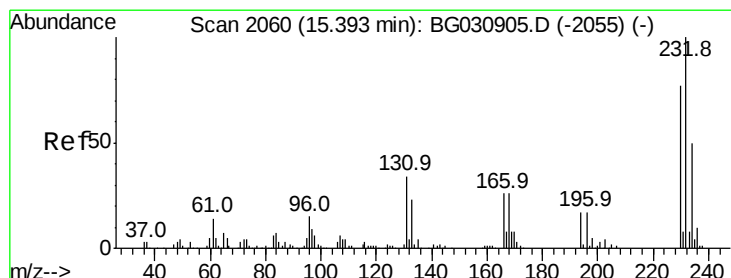
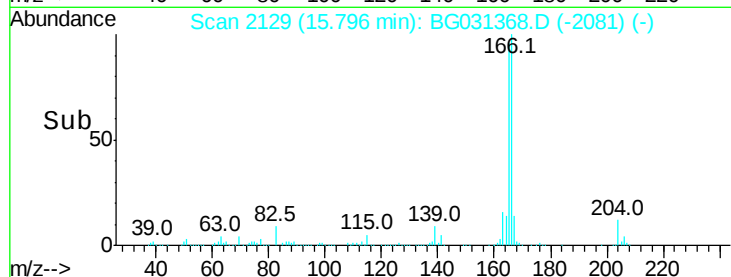
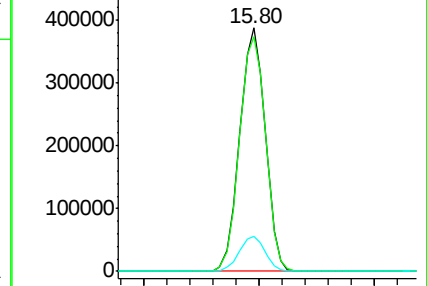
167 14.2 10.4 15.6



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: 43.852 ng

RT: 15.38 min Scan# 2058

Delta R.T. -0.01 min

Lab File: BG031368.D

Acq: 5 Dec 2017 4:38

Tgt Ion:232 Resp: 193909

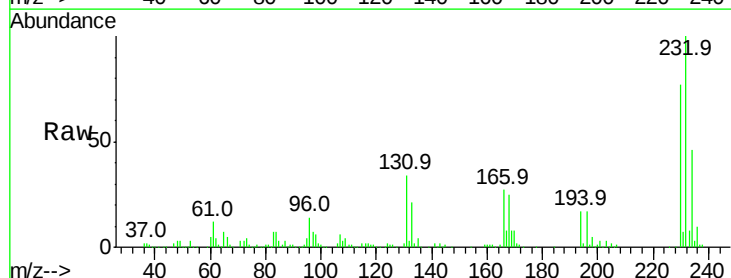
Ion Ratio Lower Upper

232 100

131 33.7 33.5 50.3

130 2.0 2.2 3.2#

166 26.6 24.8 37.2

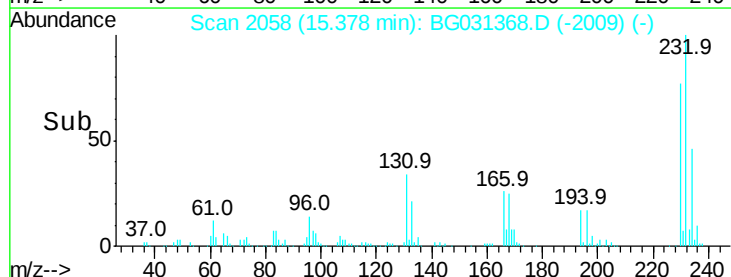
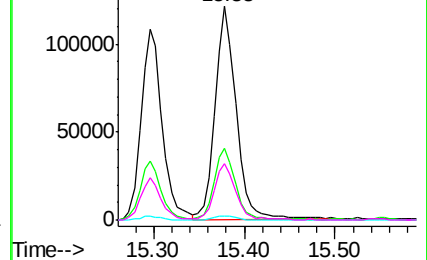


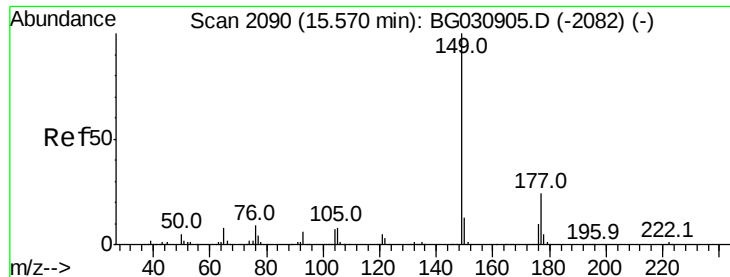
Abundance Ion 232.00 (231.70 to 232.70): E

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: 38.007 ng

RT: 15.55 min Scan# 2087

Delta R.T. -0.02 min

Lab File: BG031368.D

Acq: 5 Dec 2017 4:38

Instrument :

BNA_G

ClientSampleId :

IDOC-SOIL-4

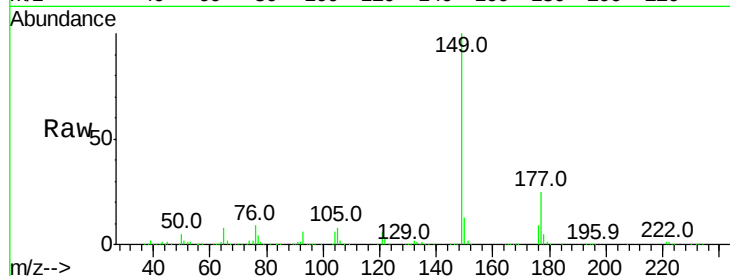
Tot Ion:149 Resp: 623863

Ion Ratio Lower Upper

149 100

177 25.0 18.5 27.7

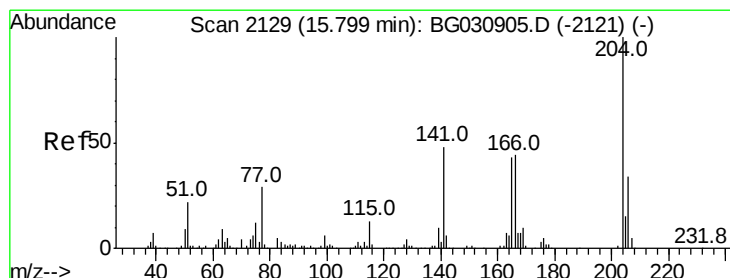
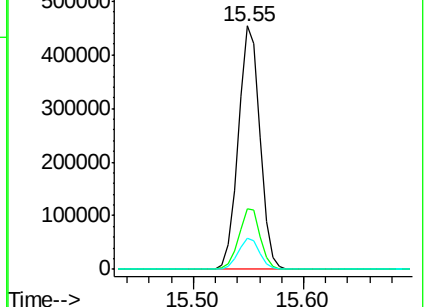
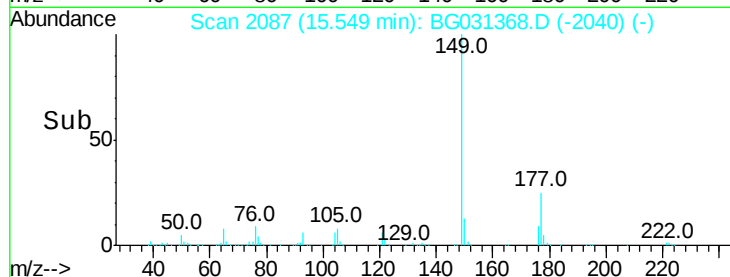
150 12.9 10.2 15.2



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: 39.985 ng

RT: 15.78 min Scan# 2126

Delta R.T. -0.02 min

Lab File: BG031368.D

Acq: 5 Dec 2017 4:38

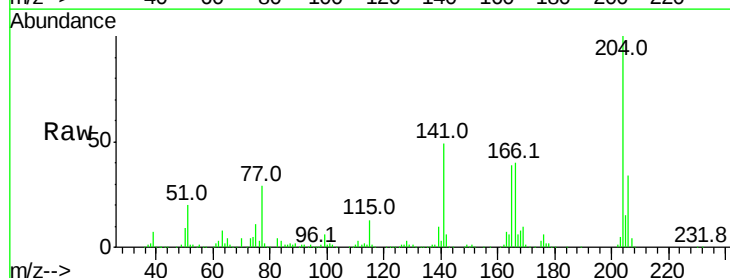
Tgt Ion:204 Resp: 356934

Ion Ratio Lower Upper

204 100

206 33.9 26.2 39.2

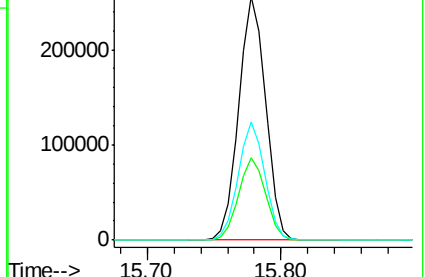
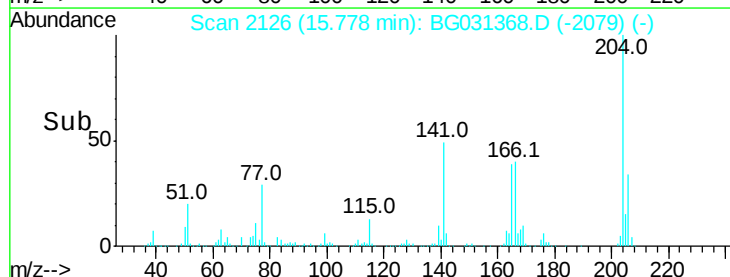
141 48.5 45.8 68.6

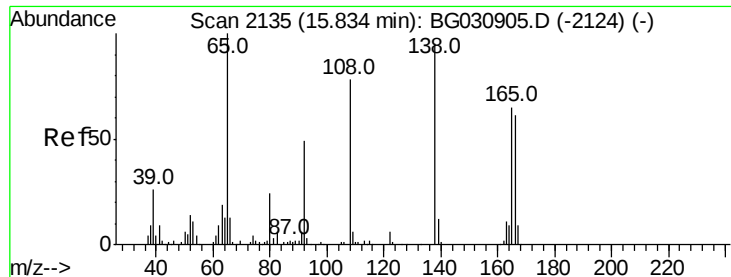


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

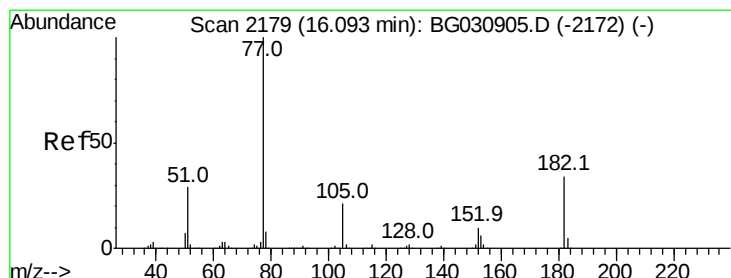
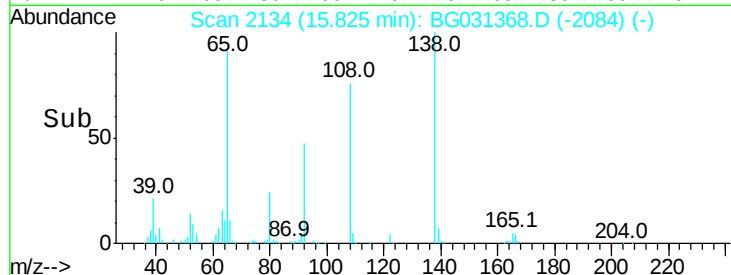
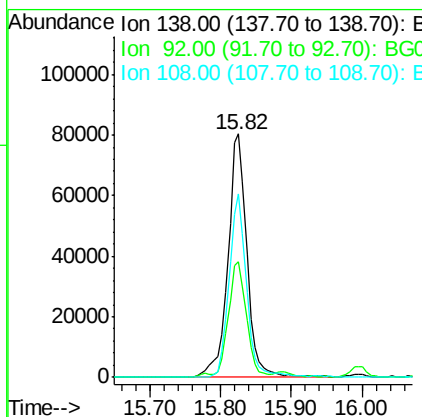
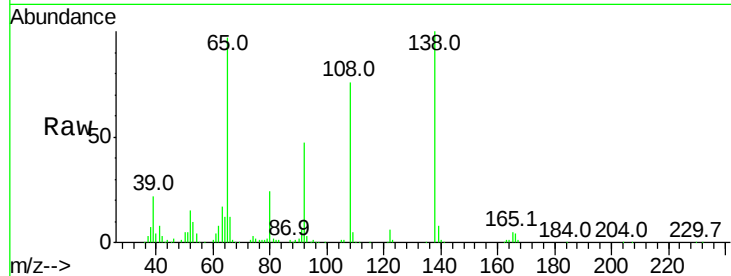




#61
4-Nitroaniline
Concen: 40.302 ng
RT: 15.82 min Scan# 2134
Delta R.T. -0.01 min
Lab File: BG031368.D
Acq: 5 Dec 2017 4:38

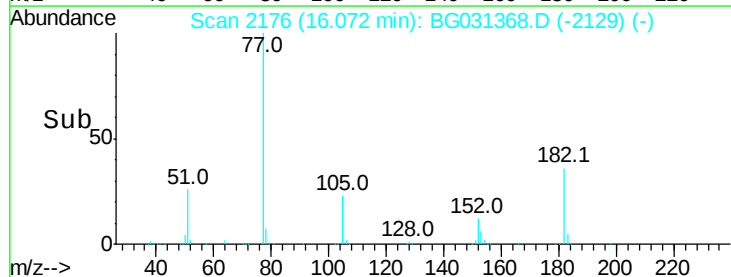
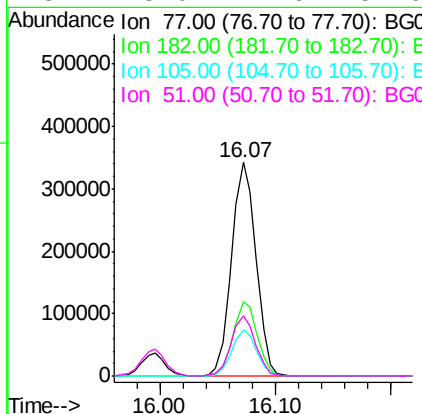
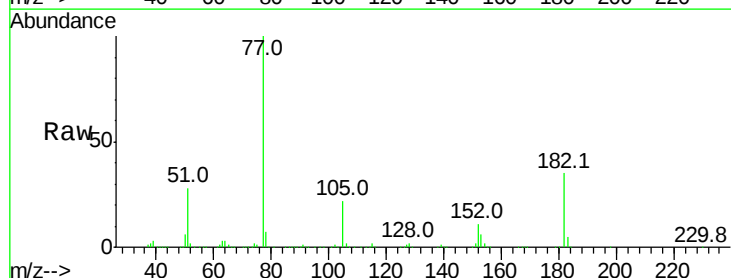
Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-4

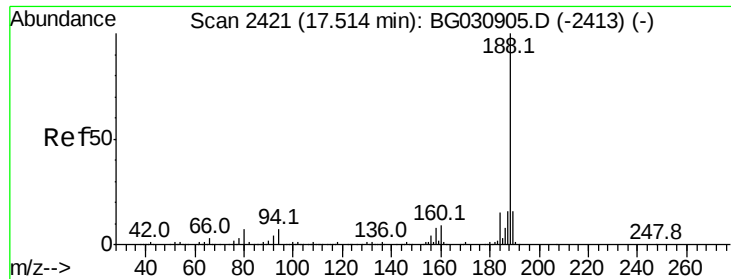
Tot Ion:138 Resp: 150926
Ion Ratio Lower Upper
138 100
92 47.2 40.1 80.1
108 75.5 65.4 105.4



#62
Azobenzene
Concen: 39.942 ng
RT: 16.07 min Scan# 2176
Delta R.T. -0.02 min
Lab File: BG031368.D
Acq: 5 Dec 2017 4:38

Tgt Ion: 77 Resp: 500010
Ion Ratio Lower Upper
77 100
182 34.7 7.4 47.4
105 21.8 0.3 40.3
51 28.0 11.6 51.6

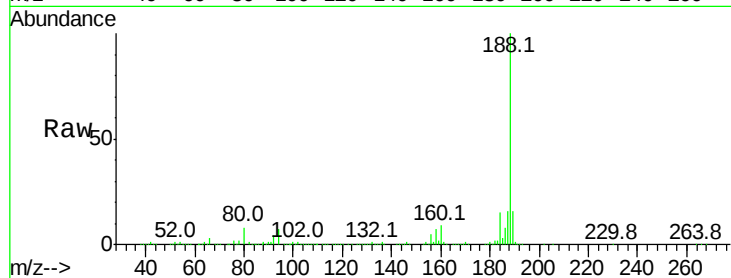




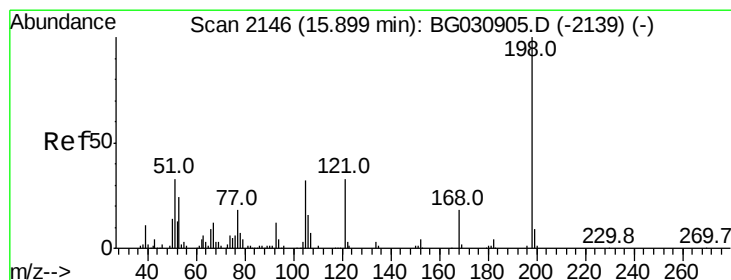
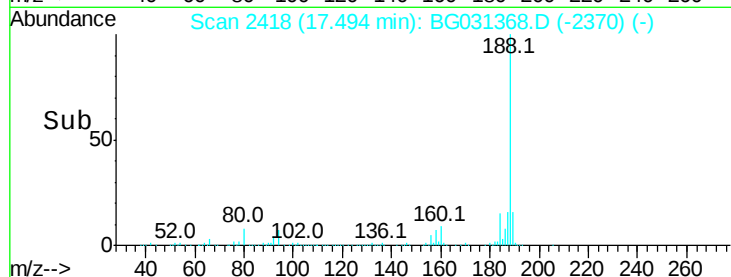
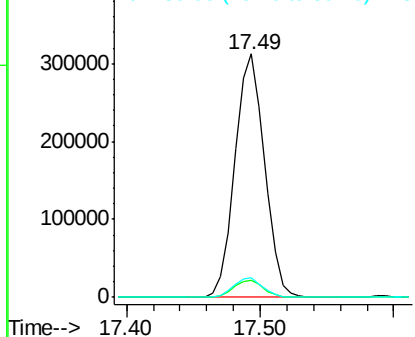
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2418
Delta R.T. -0.02 min
Lab File: BG031368.D
Acq: 5 Dec 2017 4:38

Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-4

Tot Ion:188 Resp: 480678
Ion Ratio Lower Upper
188 100
94 6.8 6.9 10.3#
80 8.2 7.7 11.5

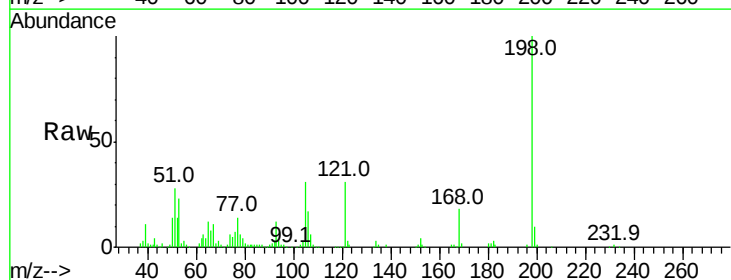


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

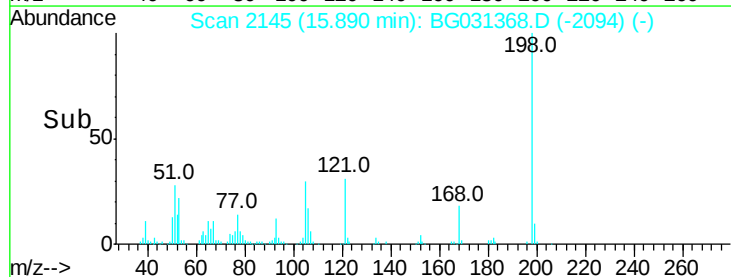
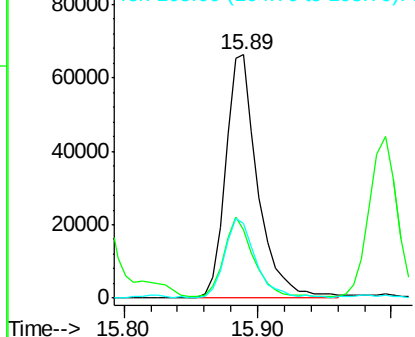


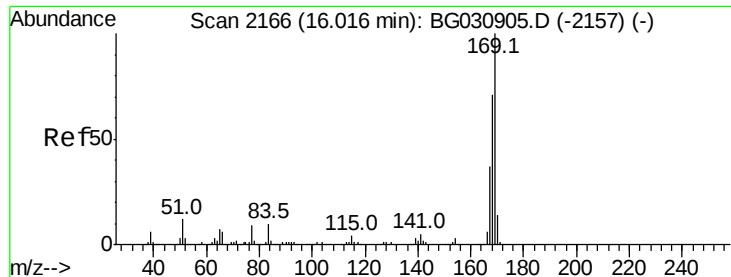
#64
4,6-Dinitro-2-methylphenol
Concen: 34.810 ng
RT: 15.89 min Scan# 2145
Delta R.T. -0.00 min
Lab File: BG031368.D
Acq: 5 Dec 2017 4:38

Tgt Ion:198 Resp: 111218
Ion Ratio Lower Upper
198 100
51 27.8 30.6 70.6#
105 30.9 23.8 63.8



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

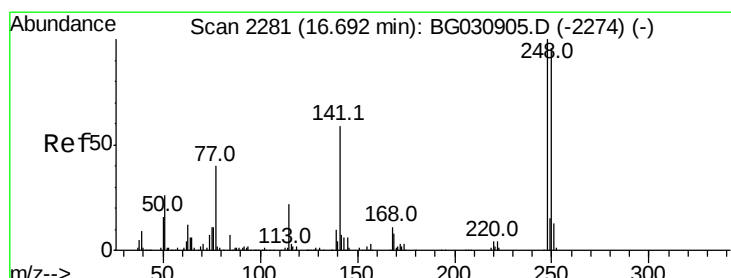
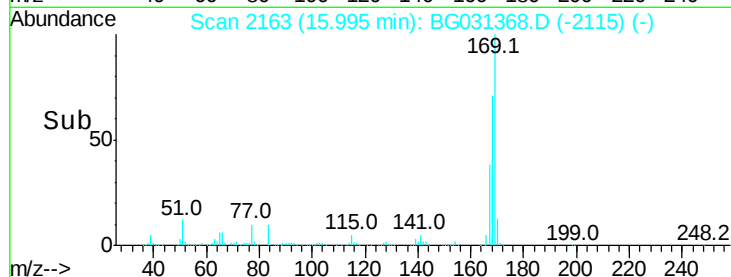
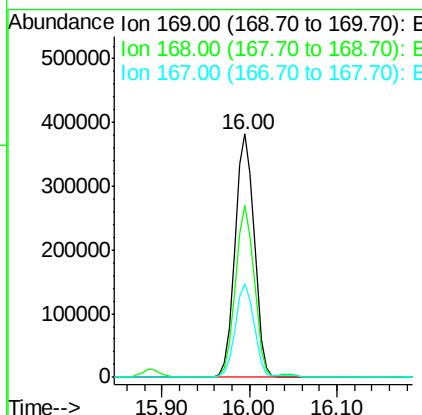
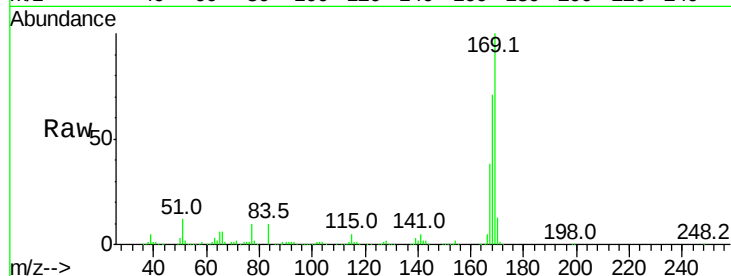




#65
n-Nitrosodiphenylamine
Concen: 38.634 ng
RT: 16.00 min Scan# 2163
Delta R.T. -0.02 min
Lab File: BG031368.D
Acq: 5 Dec 2017 4:38

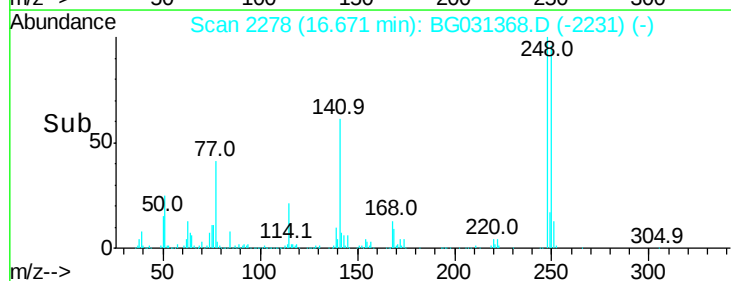
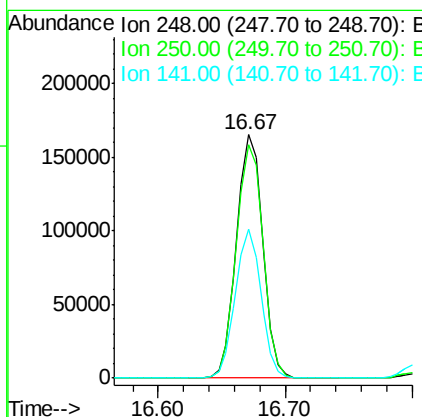
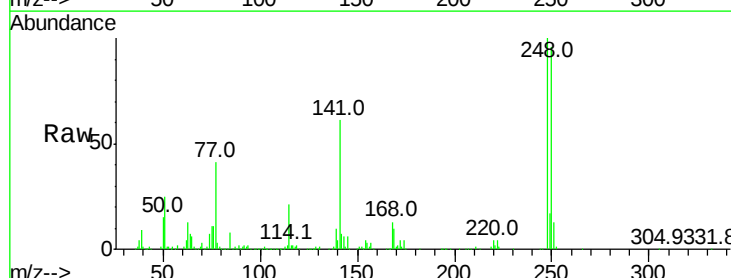
Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-4

Tot Ion:169 Resp: 562726
Ion Ratio Lower Upper
169 100
168 70.7 55.7 83.5
167 38.4 30.1 45.1



#66
4-Bromophenyl-phenylether
Concen: 38.969 ng
RT: 16.67 min Scan# 2278
Delta R.T. -0.02 min
Lab File: BG031368.D
Acq: 5 Dec 2017 4:38

Tgt Ion:248 Resp: 237242
Ion Ratio Lower Upper
248 100
250 95.7 77.1 115.7
141 61.0 50.8 76.2





#67

Hexachlorobenzene

Concen: 37.075 ng

RT: 16.81 min Scan# 2301

Delta R.T. -0.01 min

Lab File: BG031368.D

Acq: 5 Dec 2017 4:38

Instrument :

BNA_G

ClientSampleId :

IDOC-SOIL-4

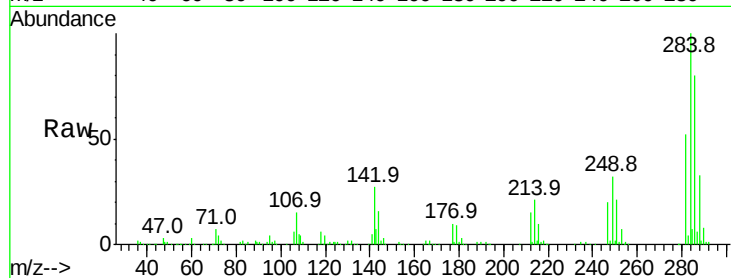
Tot Ion:284 Resp: 239828

Ion Ratio Lower Upper

284 100

142 27.0 26.8 40.2

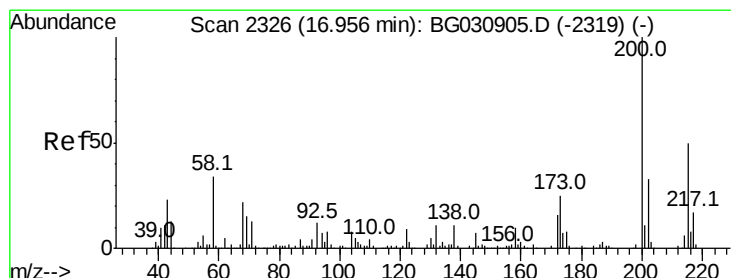
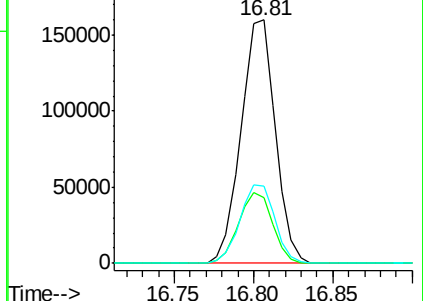
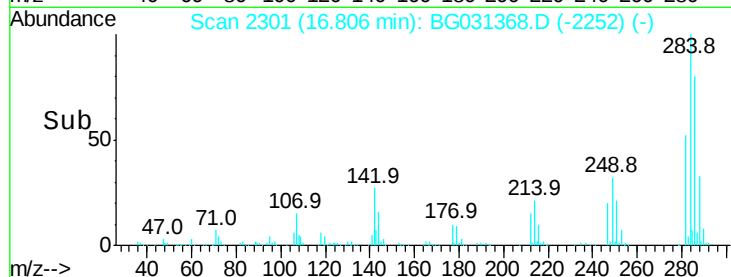
249 31.6 26.3 39.5



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: 39.073 ng

RT: 16.94 min Scan# 2323

Delta R.T. -0.02 min

Lab File: BG031368.D

Acq: 5 Dec 2017 4:38

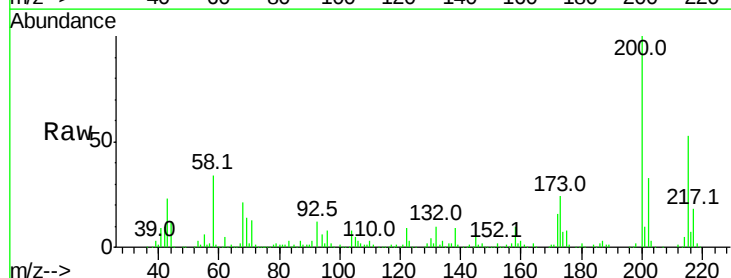
Tgt Ion:200 Resp: 234819

Ion Ratio Lower Upper

200 100

173 24.0 5.2 45.2

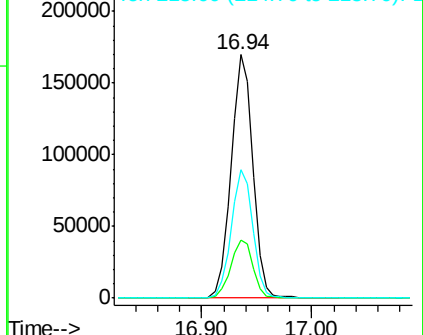
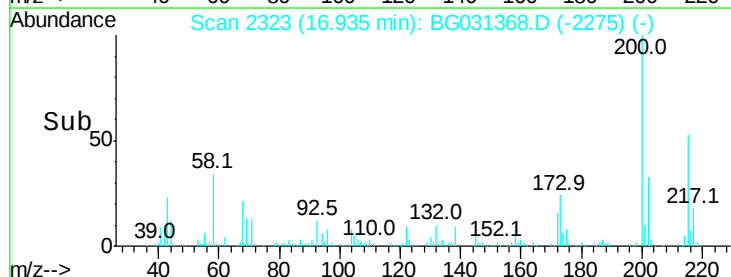
215 53.0 30.4 70.4

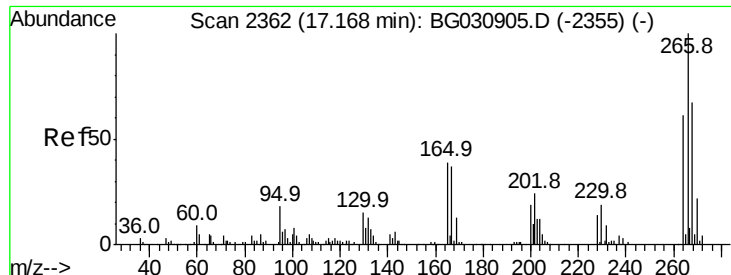


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

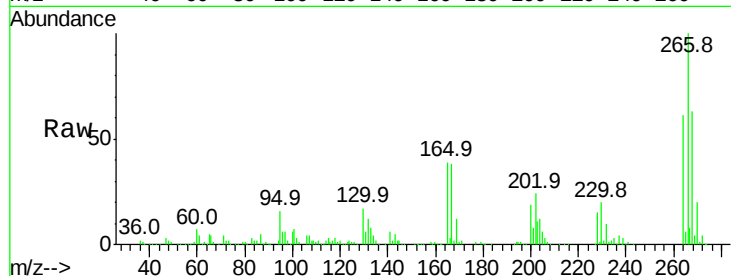




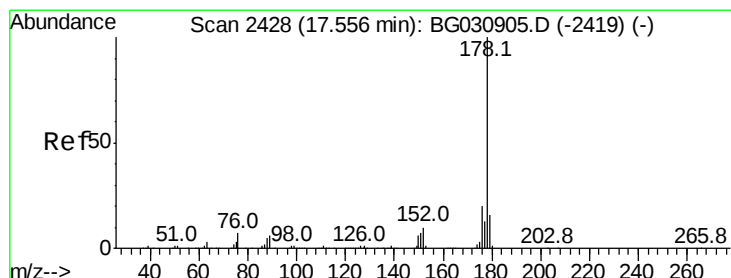
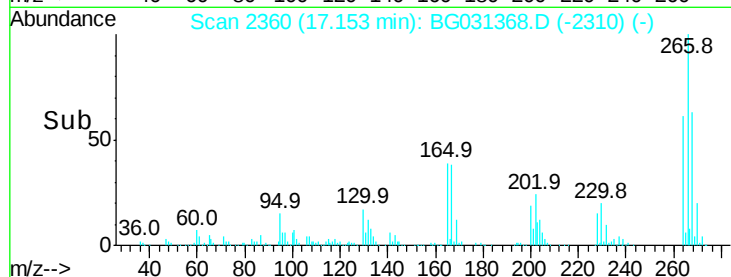
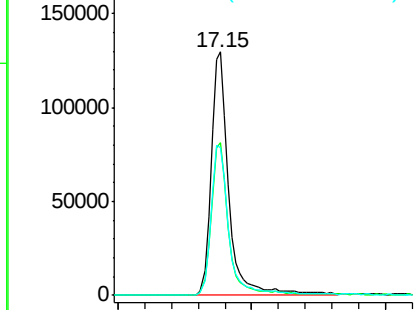
#69
 Pentachlorophenol
 Concen: 67.480 ng
 RT: 17.15 min Scan# 2360
 Delta R.T. -0.01 min
 Lab File: BG031368.D
 Acq: 5 Dec 2017 4:38

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-SOIL-4

Tot Ion:266 Resp: 241292
 Ion Ratio Lower Upper
 266 100
 268 62.9 51.1 76.7
 264 60.8 49.6 74.4

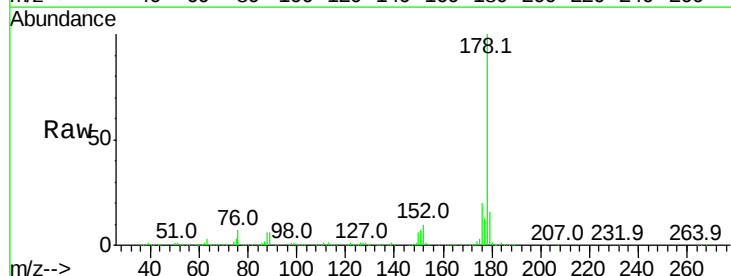


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

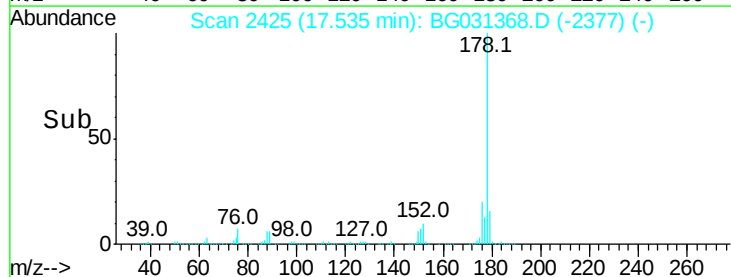
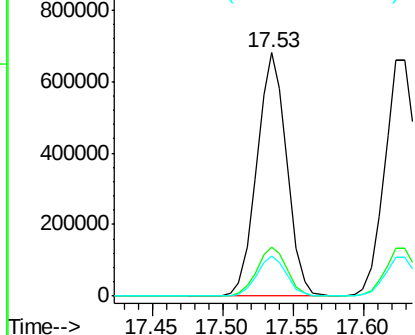


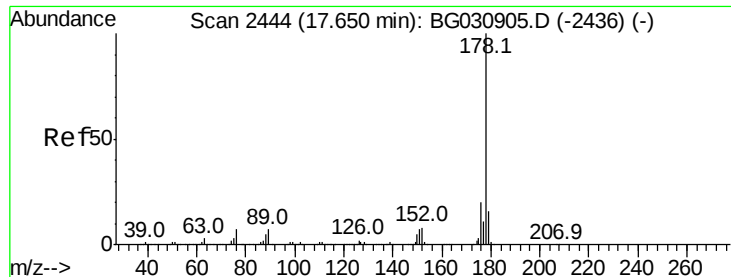
#70
 Phenanthrene
 Concen: 40.391 ng
 RT: 17.53 min Scan# 2425
 Delta R.T. -0.02 min
 Lab File: BG031368.D
 Acq: 5 Dec 2017 4:38

Tgt Ion:178 Resp: 1010872
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.7 23.5
 179 16.4 12.5 18.7



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





#71

Anthracene

Concen: 41.791 ng

RT: 17.62 min Scan# 2440

Delta R.T. -0.02 min

Lab File: BG031368.D

Acq: 5 Dec 2017 4:38

Instrument :

BNA_G

ClientSampleId :

IDOC-SOIL-4

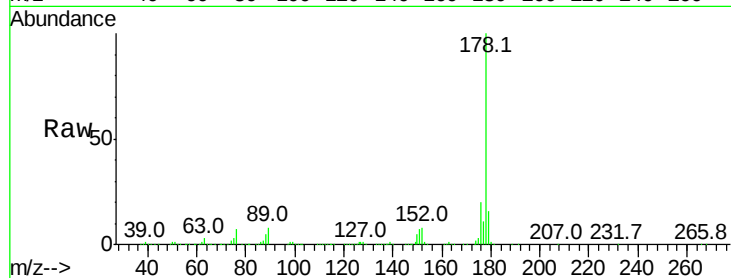
Tot Ion:178 Resp: 1048021

Ion Ratio Lower Upper

178 100

176 20.1 16.0 24.0

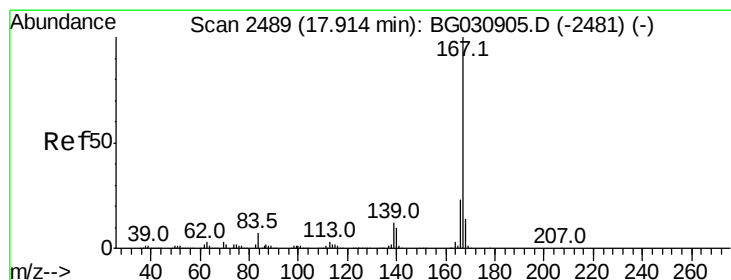
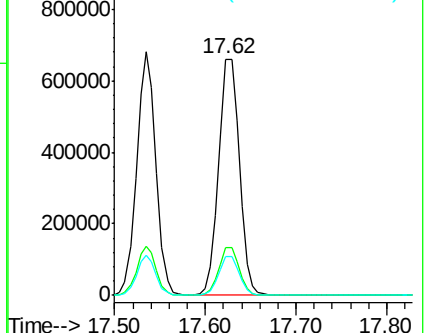
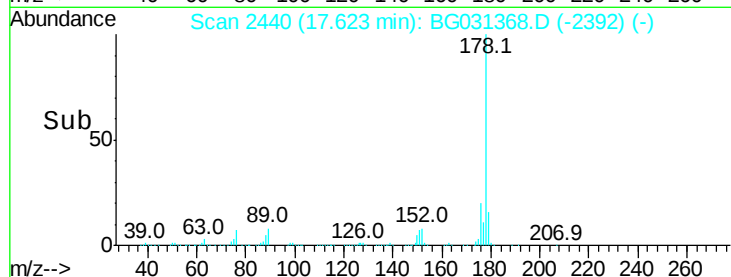
179 16.2 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 40.579 ng

RT: 17.89 min Scan# 2486

Delta R.T. -0.02 min

Lab File: BG031368.D

Acq: 5 Dec 2017 4:38

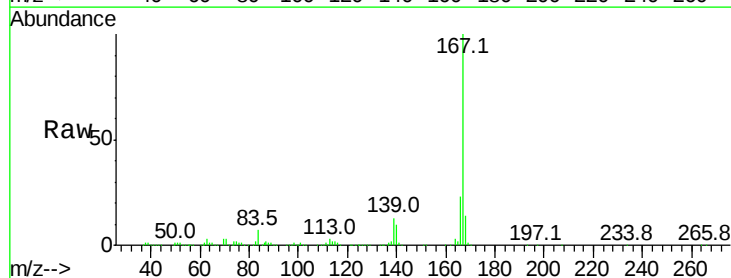
Tgt Ion:167 Resp: 953506

Ion Ratio Lower Upper

167 100

166 22.8 18.2 27.4

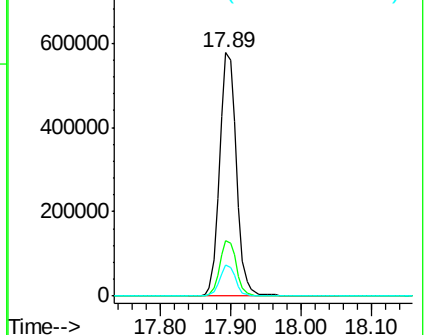
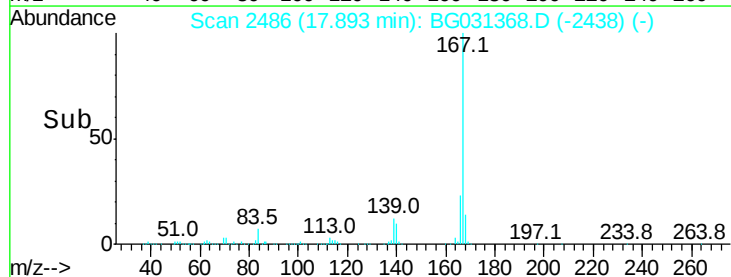
139 12.6 9.4 14.2

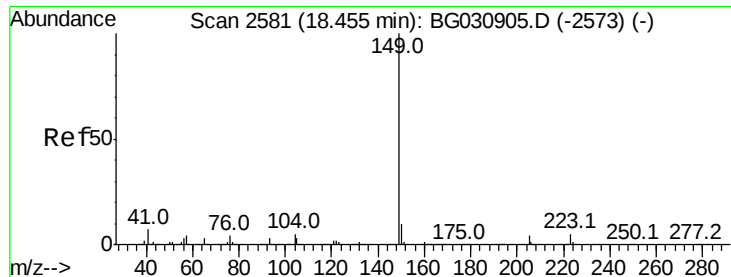


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

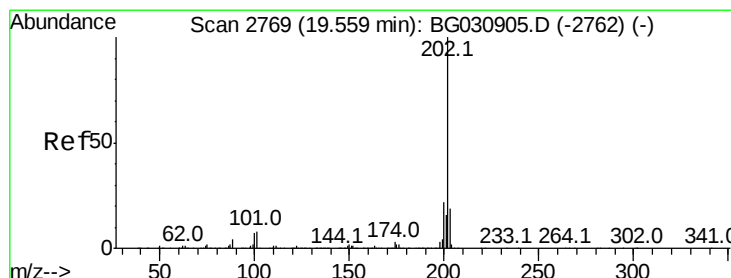
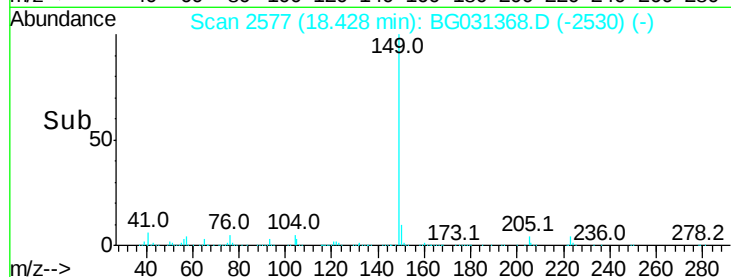
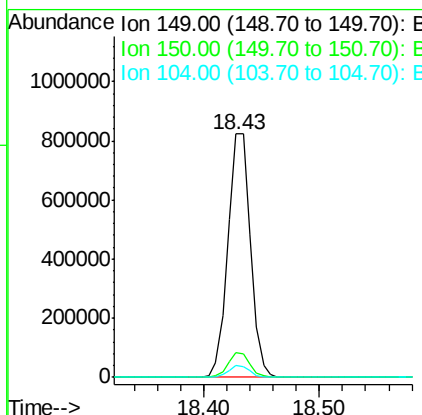
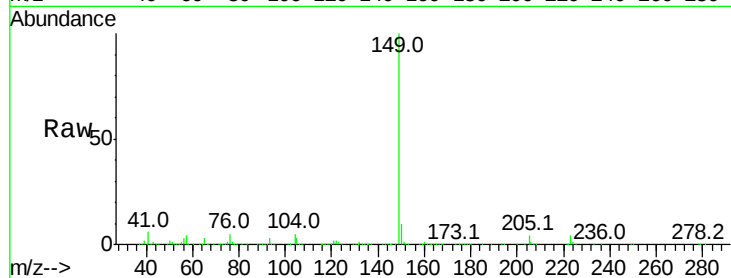




#73
Di-n-butylphthalate
Concen: 38.576 ng
RT: 18.43 min Scan# 2577
Delta R.T. -0.02 min
Lab File: BG031368.D
Acq: 5 Dec 2017 4:38

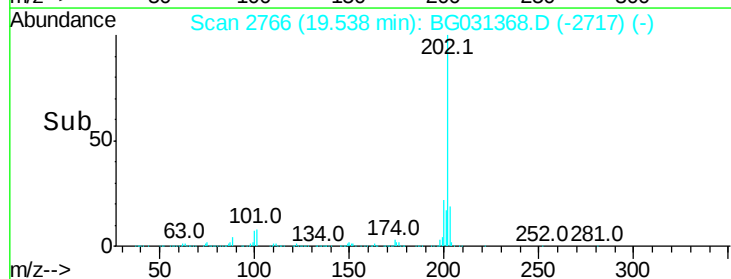
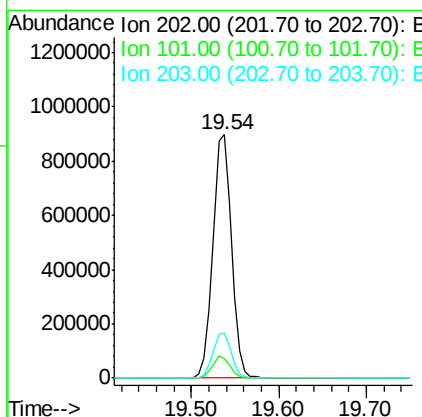
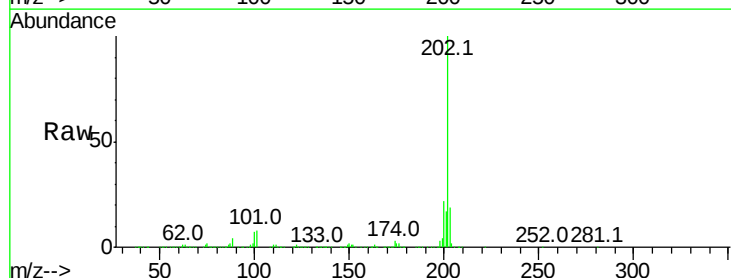
Instrument :
BNA_G
ClientSampled :
IDOC-SOIL-4

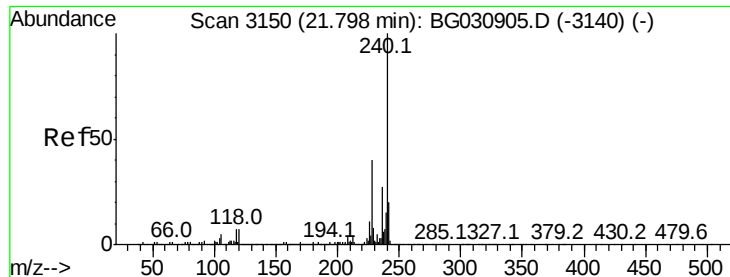
Tot Ion:149 Resp: 1112964
Ion Ratio Lower Upper
149 100
150 10.1 7.8 11.6
104 5.0 3.9 5.9



#74
Fluoranthene
Concen: 42.035 ng
RT: 19.54 min Scan# 2766
Delta R.T. -0.01 min
Lab File: BG031368.D
Acq: 5 Dec 2017 4:38

Tgt Ion:202 Resp: 1332003
Ion Ratio Lower Upper
202 100
101 8.3 0.0 28.9
203 18.6 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: BG031368.D

Acq: 5 Dec 2017 4:38

Instrument :

BNA_G

ClientSampleId :

IDOC-SOIL-4

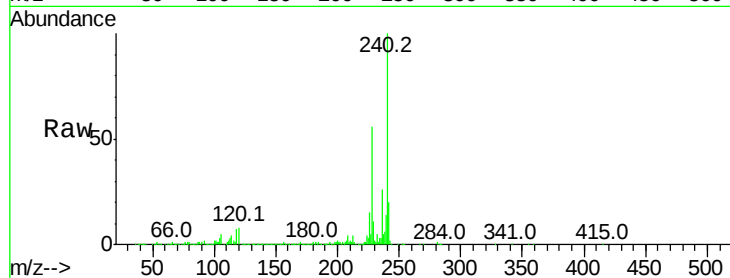
Tot Ion:240 Resp: 528625

Ion Ratio Lower Upper

240 100

120 7.8 6.8 10.2

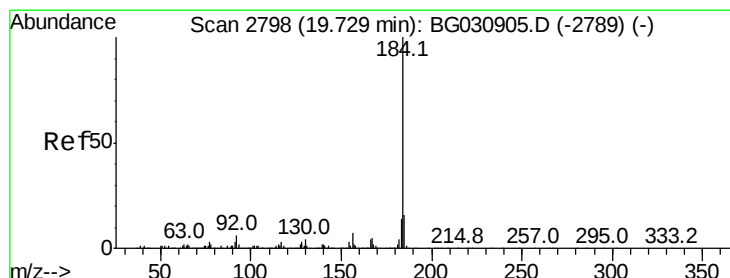
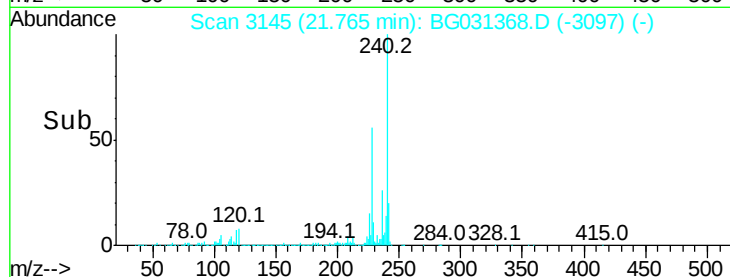
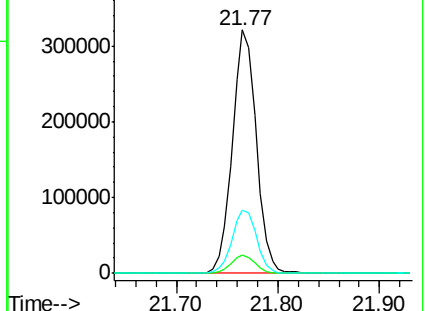
236 26.0 20.9 31.3



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: 14.979 ng

RT: 19.71 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BG031368.D

Acq: 5 Dec 2017 4:38

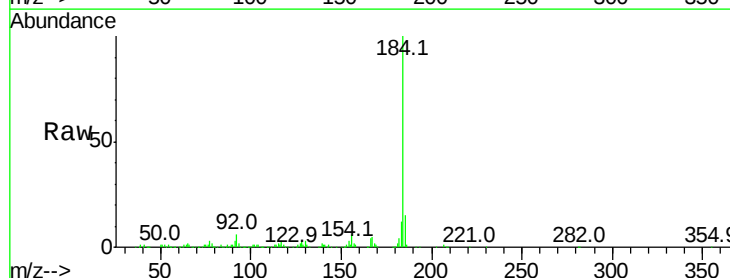
Tgt Ion:184 Resp: 254350

Ion Ratio Lower Upper

184 100

185 14.8 11.1 16.7

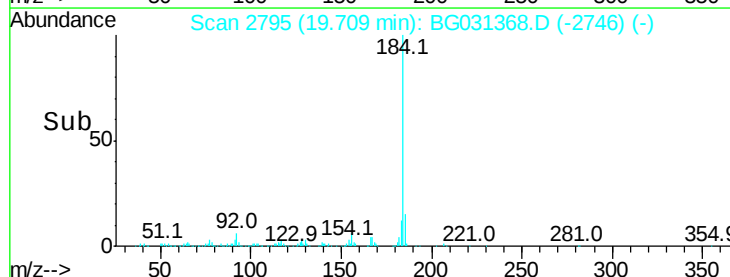
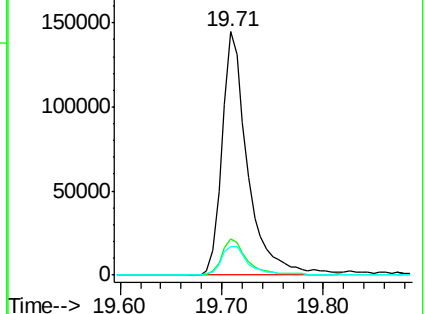
183 11.9 10.6 16.0



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

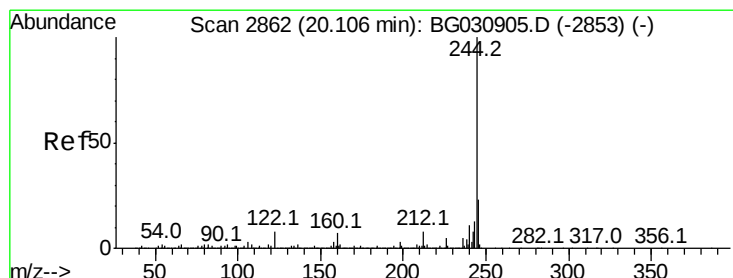
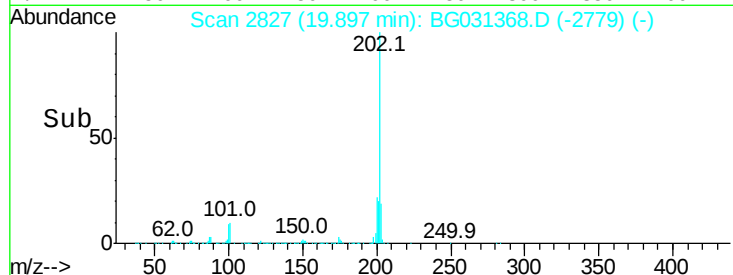
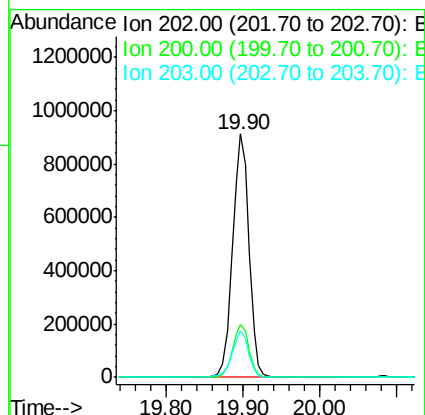
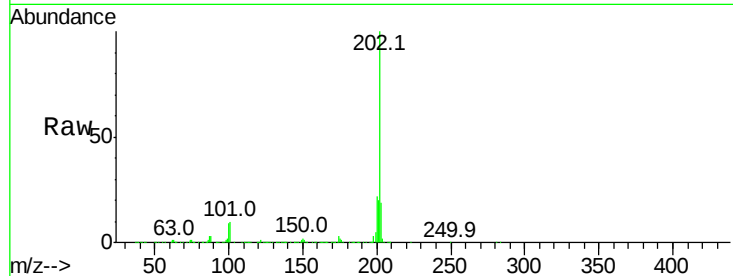




#77
Pvrene
Concen: 43.149 ng
RT: 19.90 min Scan# 2827
Delta R.T. -0.02 min
Lab File: BG031368.D
Acq: 5 Dec 2017 4:38

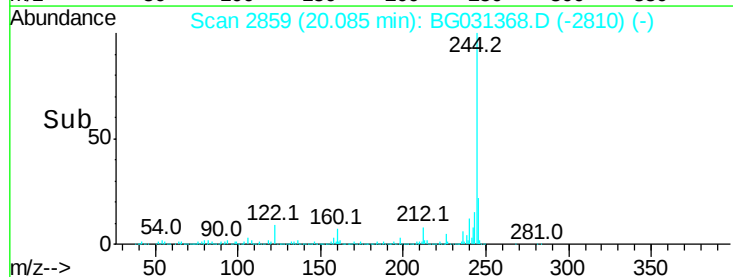
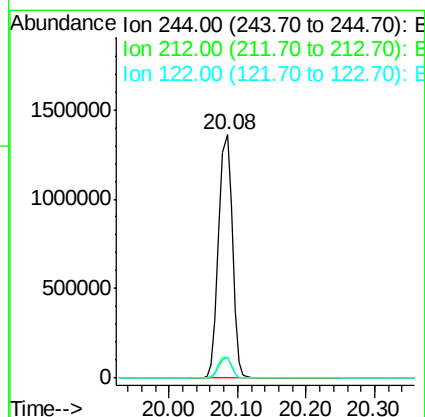
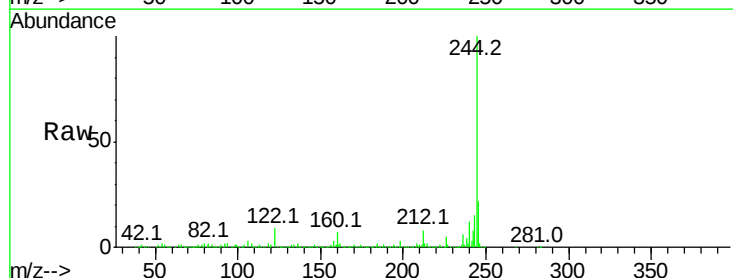
Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-4

Tot Ion:202 Resp: 1353516
Ion Ratio Lower Upper
202 100
200 21.9 16.9 25.3
203 19.3 13.9 20.9



#78
Terphenyl-d14
Concen: 78.789 ng
RT: 20.08 min Scan# 2859
Delta R.T. -0.01 min
Lab File: BG031368.D
Acq: 5 Dec 2017 4:38

Tgt Ion:244 Resp: 1886245
Ion Ratio Lower Upper
244 100
212 8.4 5.8 8.8
122 8.7 7.0 10.4





#79

Butylbenzylphthalate

Concen: 41.664 ng

RT: 20.76 min Scan# 2974

Delta R.T. -0.02 min

Lab File: BG031368.D

Acq: 5 Dec 2017 4:38

Instrument :

BNA_G

ClientSampleId :

IDOC-SOIL-4

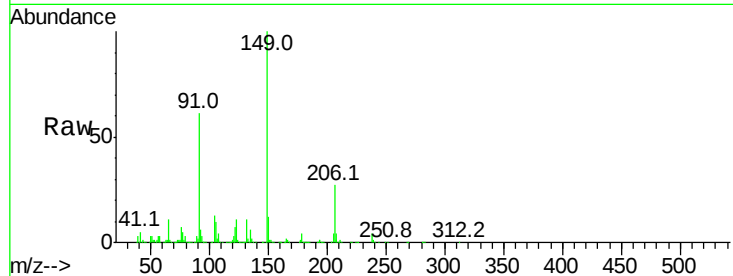
Tot Ion:149 Resp: 521102

Ion Ratio Lower Upper

149 100

91 61.0 62.2 93.2#

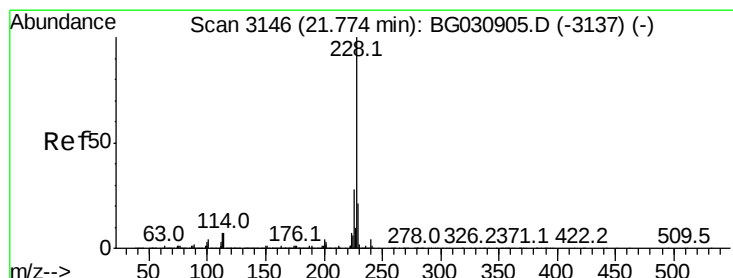
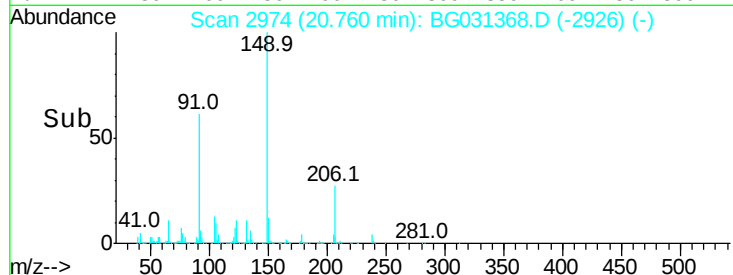
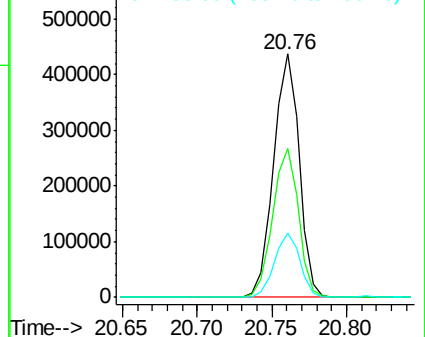
206 26.5 18.6 27.8



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: 40.849 ng

RT: 21.75 min Scan# 3142

Delta R.T. -0.01 min

Lab File: BG031368.D

Acq: 5 Dec 2017 4:38

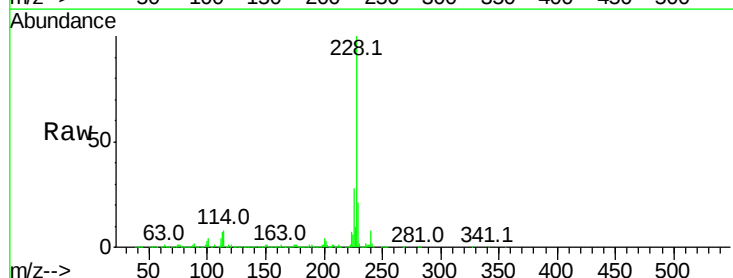
Tgt Ion:228 Resp: 1341302

Ion Ratio Lower Upper

228 100

226 28.1 22.7 34.1

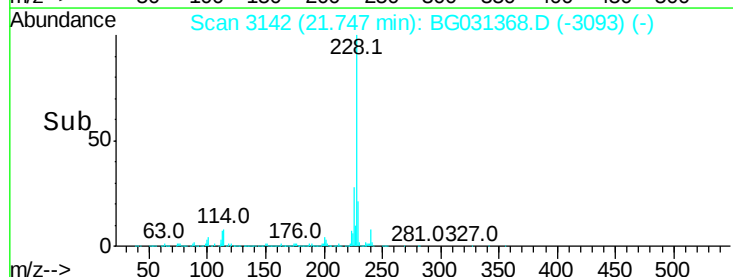
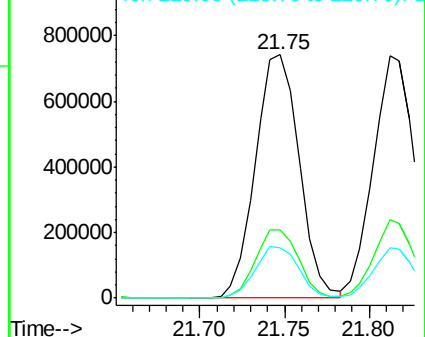
229 20.9 16.2 24.2



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

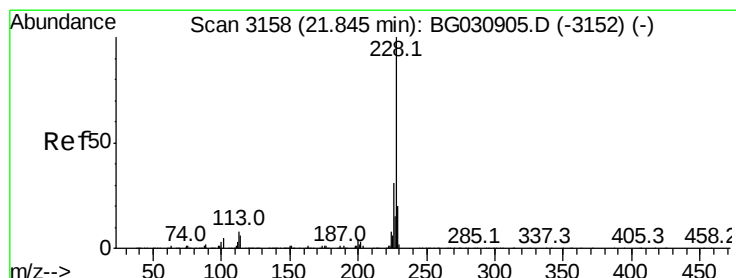
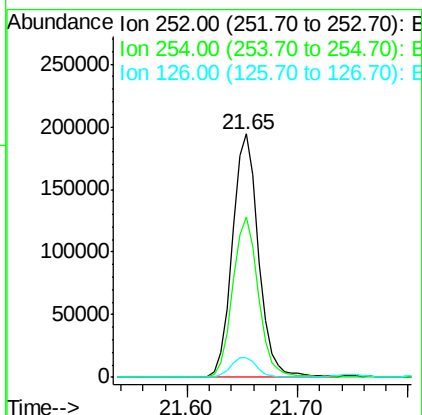
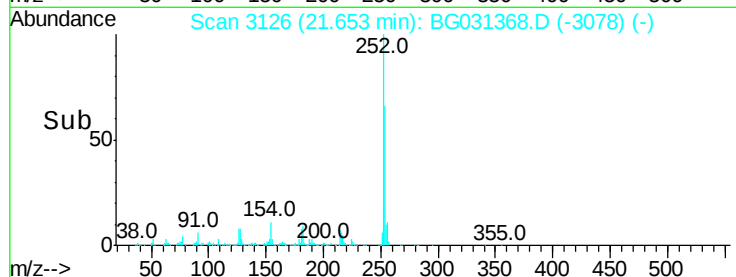
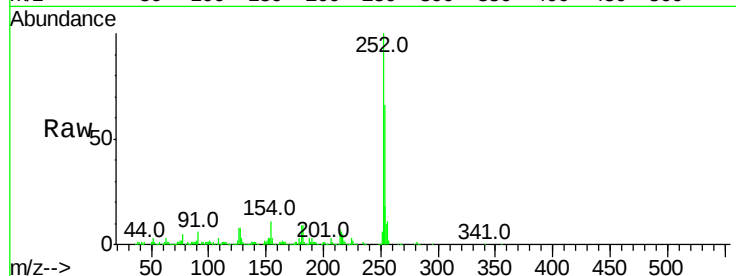




#81
 3,3'-Dichlorobenzidine
 Concen: 24.434 ng
 RT: 21.65 min Scan# 3126
 Delta R.T. -0.02 min
 Lab File: BG031368.D
 Acq: 5 Dec 2017 4:38

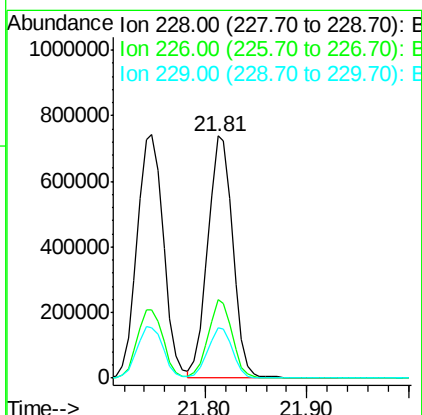
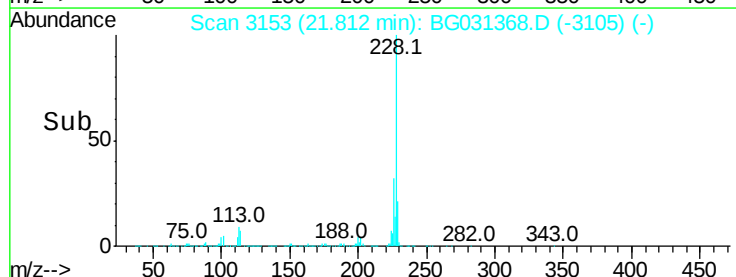
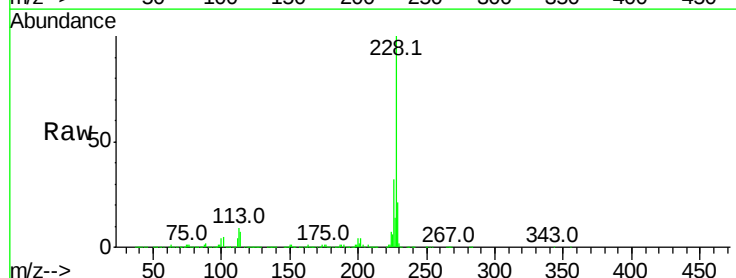
Instrument :
 BNA_G
 ClientSampleId :
 IDOC-SOIL-4

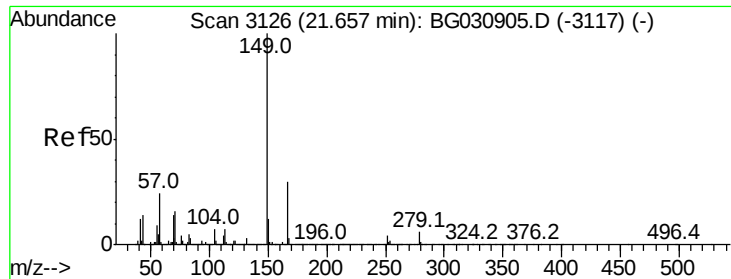
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.9	50.8	76.2
126	7.9	7.4	11.2



#82
 Chrysene
 Concen: 41.493 ng
 RT: 21.81 min Scan# 3153
 Delta R.T. -0.02 min
 Lab File: BG031368.D
 Acq: 5 Dec 2017 4:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.4	24.9	37.3
229	21.0	15.0	22.4

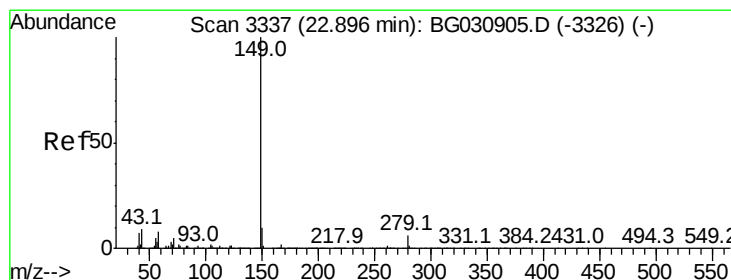
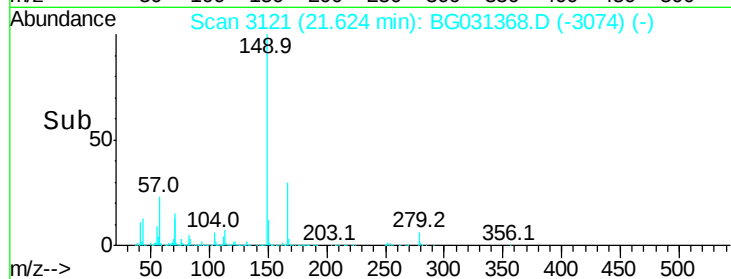
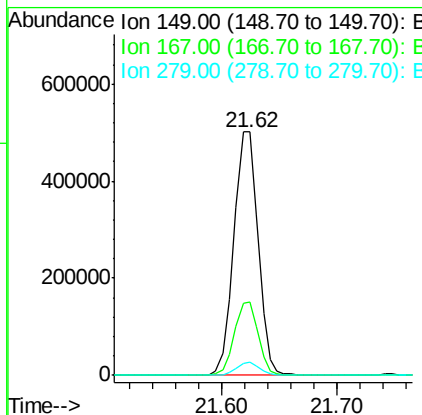
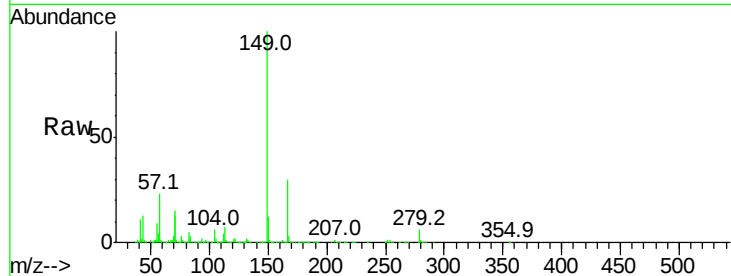




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.270 ng
 RT: 21.62 min Scan# 3121
 Delta R.T. -0.02 min
 Lab File: BG031368.D
 Acq: 5 Dec 2017 4:38

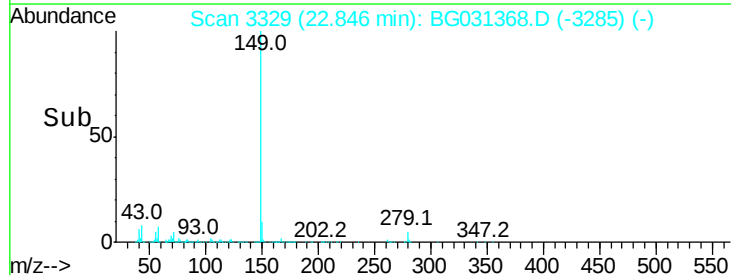
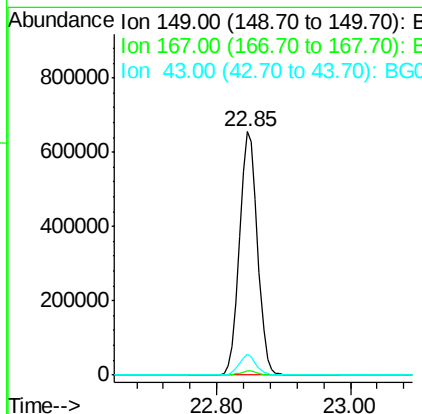
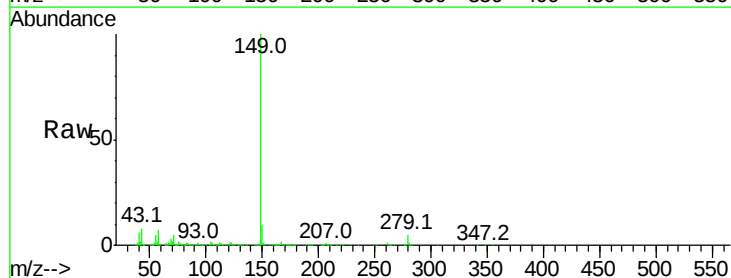
Instrument :
 BNA_G
 ClientSampleId :
 IDOC-SOIL-4

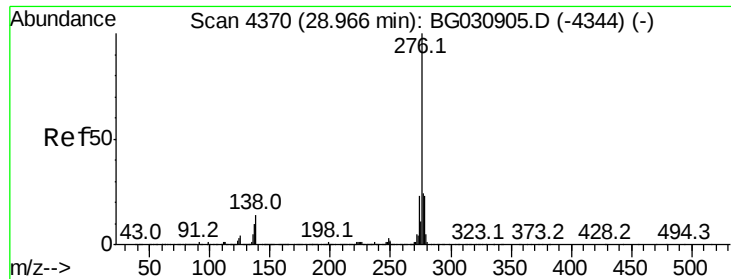
Tot Ion:149 Resp: 727044
 Ion Ratio Lower Upper
 149 100
 167 30.0 24.3 36.5
 279 5.6 4.0 6.0



#84
 Di-n-octyl phthalate
 Concen: 41.647 ng
 RT: 22.85 min Scan# 3329
 Delta R.T. -0.04 min
 Lab File: BG031368.D
 Acq: 5 Dec 2017 4:38

Tgt Ion:149 Resp: 1223782
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.4 2.0
 43 7.9 8.9 13.3#





#85

Indeno(1,2,3-cd)pyrene

Concen: 39.743 ng

RT: 28.85 min Scan# 4351

Delta R.T. -0.04 min

Lab File: BG031368.D

Acq: 5 Dec 2017 4:38

Instrument :

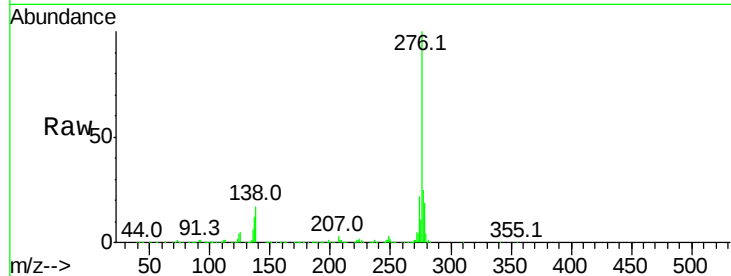
BNA_G

ClientSampleId :

IDOC-SOIL-4

Tot Ion:276 Resp: 1467557

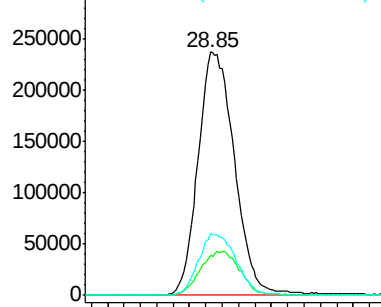
Ion	Ratio	Lower	Upper
276	100		
138	19.6	16.0	24.0
277	26.1	20.0	30.0



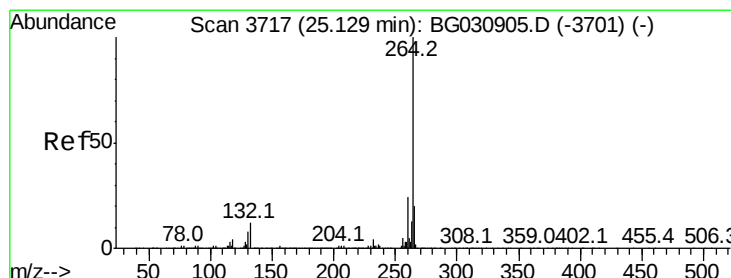
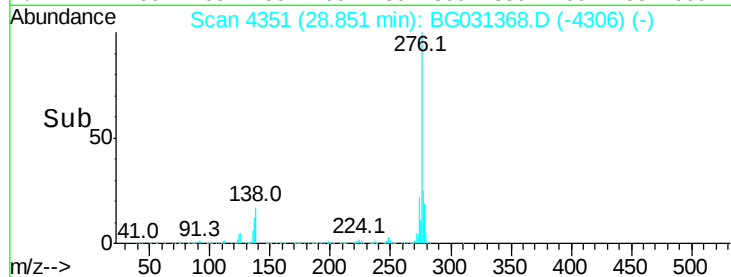
Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.07 min Scan# 3707

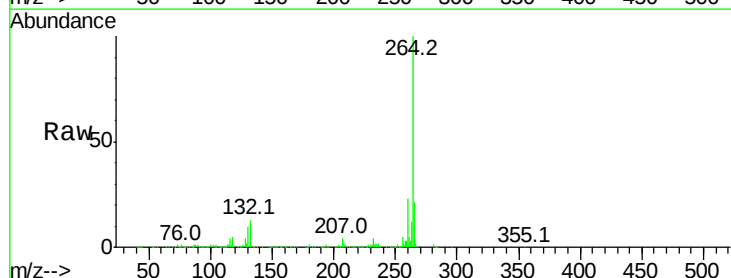
Delta R.T. -0.02 min

Lab File: BG031368.D

Acq: 5 Dec 2017 4:38

Tgt Ion:264 Resp: 525497

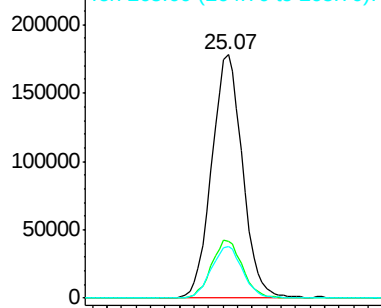
Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.4	26.0
265	21.3	17.7	26.5



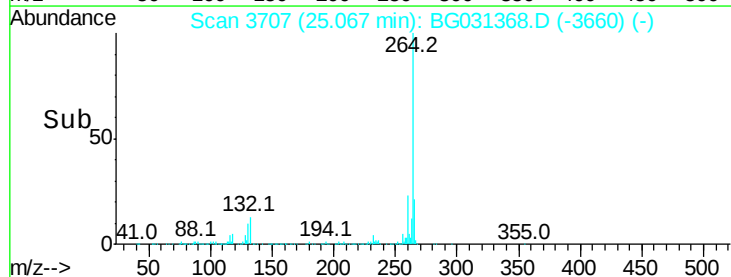
Abundance Ion 264.00 (263.70 to 264.70): E

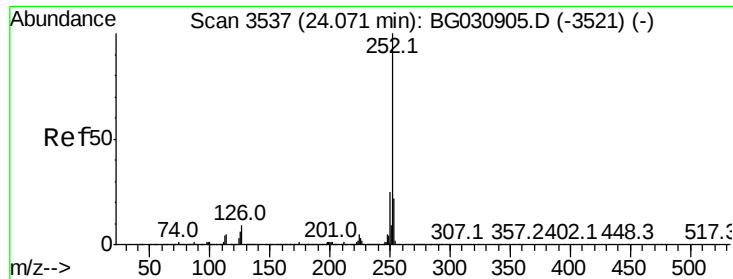
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



Time-->





#87

Benzo(b)fluoranthene

Concen: 41.896 ng

RT: 24.02 min Scan# 3528

Delta R.T. -0.02 min

Lab File: BG031368.D

Acq: 5 Dec 2017 4:38

Instrument :

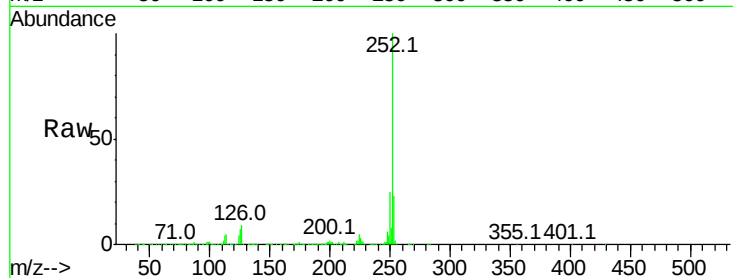
BNA_G

ClientSampleId :

IDOC-SOIL-4

Tot Ion:252 Resp: 1331767

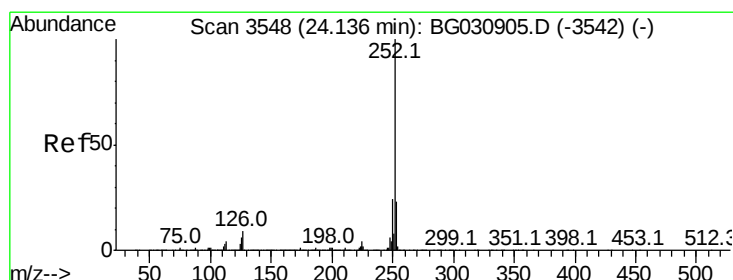
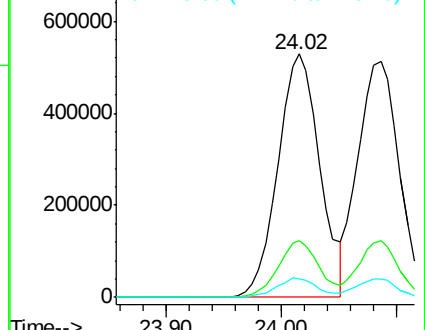
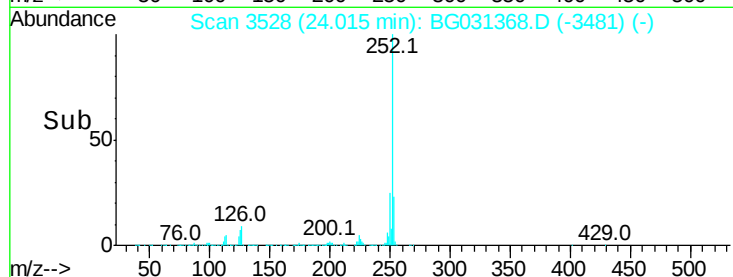
Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.2	27.4
125	7.4	7.2	10.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 40.463 ng

RT: 24.09 min Scan# 3540

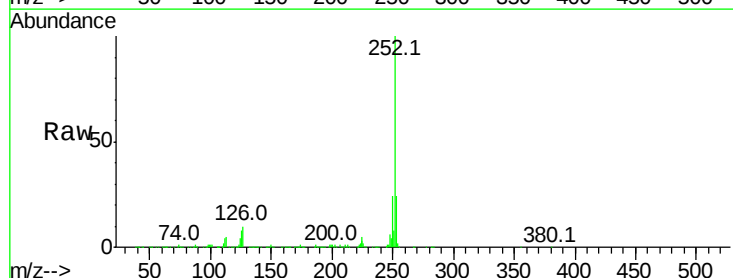
Delta R.T. -0.02 min

Lab File: BG031368.D

Acq: 5 Dec 2017 4:38

Tgt Ion:252 Resp: 1274898

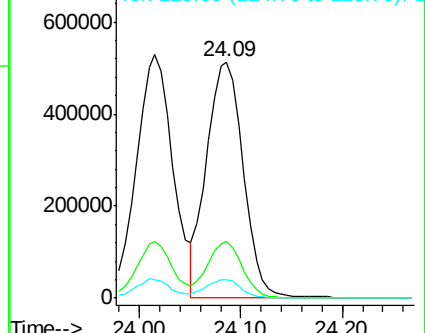
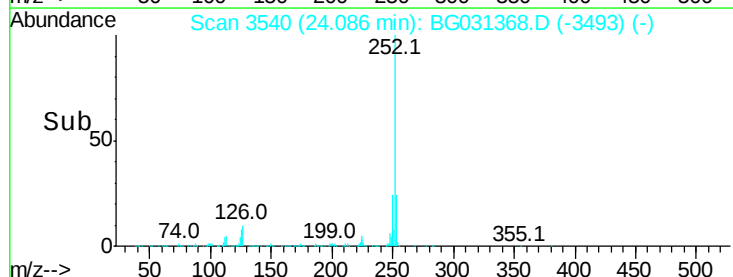
Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.4	26.2
125	8.0	6.6	9.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 42.600 ng

RT: 24.91 min Scan# 3681

Delta R.T. -0.02 min

Lab File: BG031368.D

Acq: 5 Dec 2017 4:38

Instrument :

BNA_G

ClientSampleId :

IDOC-SOIL-4

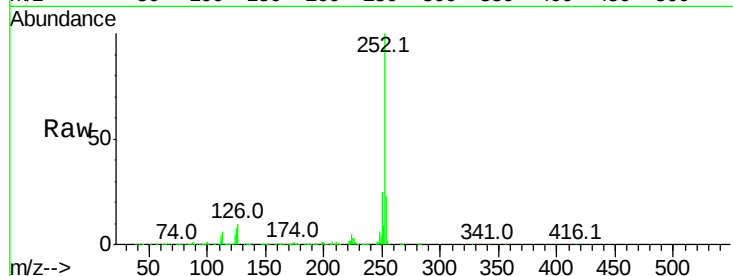
Tot Ion:252 Resp: 1286400

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.3	27.5
125	8.4	7.3	10.9

252 100

253 22.7 18.3 27.5

125 8.4 7.3 10.9

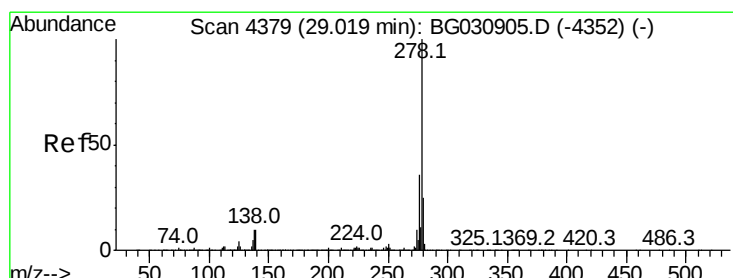
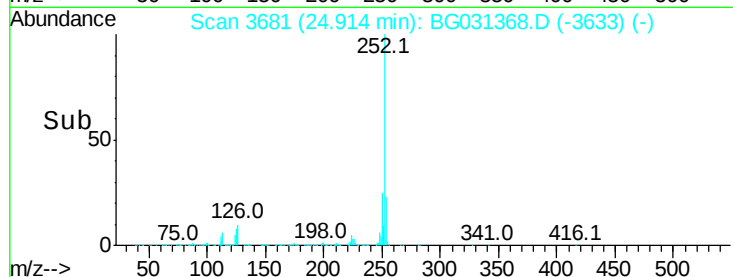
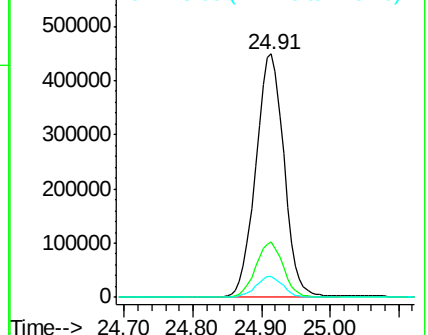


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 39.509 ng

RT: 28.91 min Scan# 4361

Delta R.T. -0.03 min

Lab File: BG031368.D

Acq: 5 Dec 2017 4:38

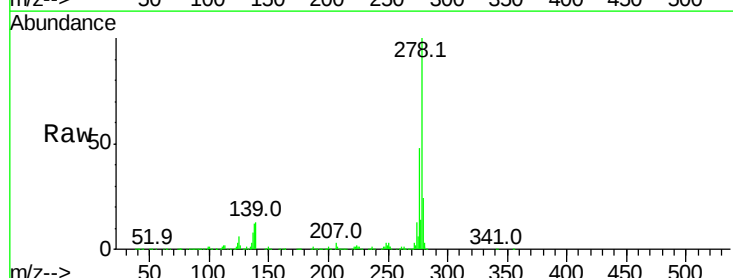
Tgt Ion:278 Resp: 1219466

Ion	Ratio	Lower	Upper
278	100		
139	12.7	9.8	14.6
279	24.0	18.4	27.6

278 100

139 12.7 9.8 14.6

279 24.0 18.4 27.6

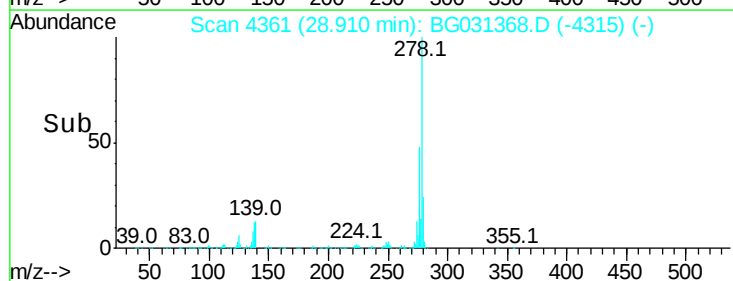
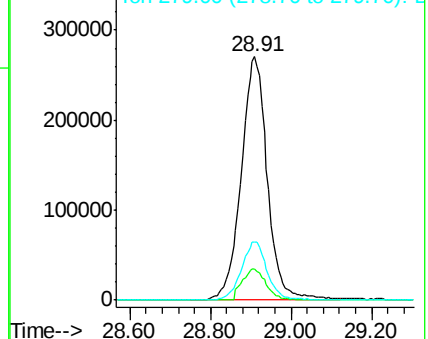


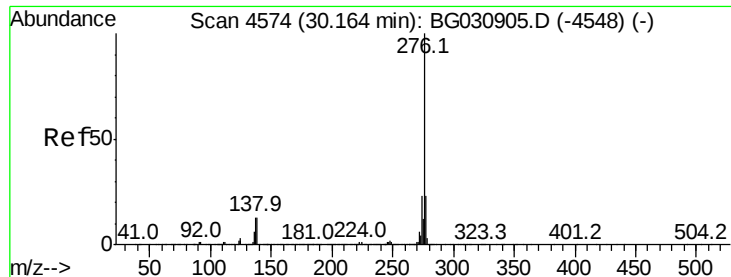
Abundance

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: 40.304 ng

RT: 30.05 min Scan# 4555

Delta R.T. -0.02 min

Lab File: BG031368.D

Acq: 5 Dec 2017 4:38

Instrument :

BNA_G

ClientSampleId :

IDOC-SOIL-4

Tot Ion:276 Resp: 1207372

Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.3	27.5
138	16.6	13.9	20.9

