

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG120417\
 Data File : BG031365.D
 Acq On : 5 Dec 2017 2:46
 Operator : SJ/JU
 Sample : IDOC-SOIL-1
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-SOIL-1

Quant Time: Dec 05 04:22:12 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	61129	20.00	ng	-0.03
21) Naphthalene-d8	10.94	136	275029	20.00	ng	-0.03
38) Acenaphthene-d10	14.75	164	194416	20.00	ng	-0.03
63) Phenanthrene-d10	17.49	188	498601	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	544864	20.00	ng	-0.02
86) Perylene-d12	25.06	264	552109	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.69	112	518754	145.52	ng	-0.02
7) Phenol-d6	7.30	99	698817	145.51	ng	0.00
23) Nitrobenzene-d5	9.29	82	412888	88.96	ng	-0.03
41) 2,4,6-Tribromophenol	16.24	330	362250	115.18	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	1234341	91.23	ng	-0.03
78) Terphenyl-d14	20.08	244	2177331	88.24	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	56952	39.368	ng	# 80
3) Pyridine	3.95	79	45970	10.946	ng	93
4) n-Nitrosodimethylamine	3.85	42	80189	40.287	ng	# 87
6) Aniline	7.45	93	147234	23.295	ng	95
8) 2-Chlorophenol	7.70	128	202888	51.572	ng	88
9) Benzaldehyde	7.26	77	79864	23.763	ng	93
10) Phenol	7.33	94	262618	52.655	ng	91
11) bis(2-Chloroethyl)ether	7.54	93	184397	46.304	ng	90
12) 1,3-Dichlorobenzene	8.01	146	211712	45.868	ng	96
13) 1,4-Dichlorobenzene	8.16	146	212631	45.460	ng	96
14) 1,2-Dichlorobenzene	8.48	146	207734	46.273	ng	95
15) Benzyl Alcohol	8.37	79	168221	43.667	ng	87
16) 2,2'-oxybis(1-Chloropropan	8.65	45	266840	60.663	ng	90
17) 2-Methylphenol	8.58	107	176098	50.703	ng	96
18) Hexachloroethane	9.21	117	73336	45.050	ng	89
19) n-Nitroso-di-n-propylamine	8.93	70	150349	41.173	ng	# 93
20) 3+4-Methylphenols	8.91	107	247157	50.045	ng	93
22) Acetophenone	8.95	105	292900	42.772	ng	# 90
24) Nitrobenzene	9.34	77	222903	47.015	ng	89
25) Isophorone	9.86	82	436161	48.185	ng	# 91
26) 2-Nitrophenol	10.05	139	123357	49.916	ng	# 87
27) 2,4-Dimethylphenol	10.11	122	202941	55.315	ng	90
28) bis(2-Chloroethoxy)methane	10.33	93	269425	47.259	ng	96
29) 2,4-Dichlorophenol	10.60	162	240273	54.538	ng	91
30) 1,2,4-Trichlorobenzene	10.80	180	254246	48.337	ng	97
31) Naphthalene	10.99	128	638863	47.252	ng	98
32) Benzoic acid	10.24	122	26258	13.241	ng	# 83
33) 4-Chloroaniline	11.11	127	118927	20.094	ng	94
34) Hexachlorobutadiene	11.27	225	161386	44.242	ng	94
35) Caprolactam	11.89	113	38600	21.448	ng	# 69
36) 4-Chloro-3-methylphenol	12.23	107	242427	50.558	ng	# 85
37) 2-Methylnaphthalene	12.59	142	513559	49.205	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	313889	40.679	ng	97
40) Hexachlorocyclopentadiene	12.93	237	277352	94.897	ng	90

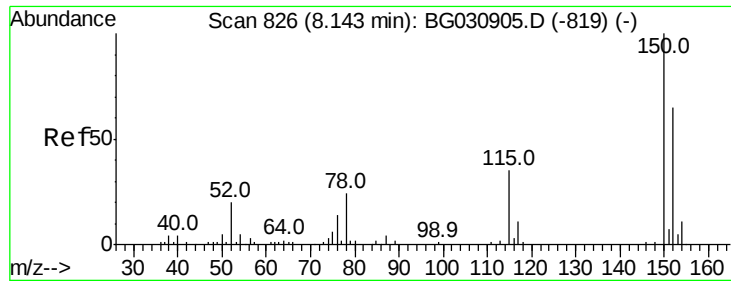
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG120417\
 Data File : BG031365.D
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Quant Time: Dec 05 04:22:12 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	216765	49.140	ng	100
43) 2,4,5-Trichlorophenol	13.28	196	236108	48.921	ng	# 93
45) 1,1'-Biphenyl	13.58	154	681811	42.292	ng	98
46) 2-Chloronaphthalene	13.63	162	566700	48.720	ng	96
47) 2-Nitroaniline	13.84	65	158523	45.980	ng	# 80
48) Acenaphthylene	14.48	152	863989	45.382	ng	98
49) Dimethylphthalate	14.20	163	855159	50.872	ng	99
50) 2,6-Dinitrotoluene	14.32	165	176689	50.996	ng	# 73
51) Acenaphthene	14.81	154	541726	45.562	ng	98
52) 3-Nitroaniline	14.66	138	117903	32.048	ng	# 79
53) 2,4-Dinitrophenol	14.88	184	182913	94.789	ng	# 49
54) Dibenzofuran	15.15	168	895066	47.262	ng	99
55) 4-Nitrophenol	14.99	139	249005	95.015	ng	# 79
56) 2,4-Dinitrotoluene	15.12	165	256709	51.250	ng	# 71
57) Fluorene	15.79	166	719424	46.790	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.38	232	237118	51.549	ng	# 88
59) Diethylphthalate	15.55	149	767553	44.951	ng	98
60) 4-Chlorophenyl-phenylether	15.78	204	431318	46.448	ng	92
61) 4-Nitroaniline	15.83	138	182400	46.821	ng	85
62) Azobenzene	16.07	77	607343	46.639	ng	92
64) 4,6-Dinitro-2-methylphenol	15.89	198	145829	44.002	ng	# 74
65) n-Nitrosodiphenylamine	15.99	169	684548	45.308	ng	99
66) 4-Bromophenyl-phenylether	16.67	248	289483	45.841	ng	98
67) Hexachlorobenzene	16.80	284	296075	44.125	ng	95
68) Atrazine	16.94	200	290213	46.555	ng	98
69) Pentachlorophenol	17.15	266	308325	83.126	ng	99
70) Phenanthrene	17.54	178	1226744	47.254	ng	97
71) Anthracene	17.63	178	1266989	48.707	ng	99
72) Carbazole	17.90	167	1152586	47.288	ng	99
73) Di-n-butylphthalate	18.43	149	1333932	44.573	ng	99
74) Fluoranthene	19.54	202	1598929	48.644	ng	96
76) Benzidine	19.71	184	189035	10.801	ng	98
77) Pyrene	19.89	202	1629864	50.410	ng	95
79) Butylbenzylphthalate	20.76	149	629572	48.837	ng	85
80) Benzo(a)anthracene	21.74	228	1608635	47.530	ng	97
81) 3,3'-Dichlorobenzidine	21.65	252	409459	29.971	ng	# 98
82) Chrysene	21.81	228	1521816	48.608	ng	96
83) Bis(2-ethylhexyl)phthalate	21.62	149	882515	47.425	ng	99
84) Di-n-octyl phthalate	22.84	149	1484233	49.005	ng	# 93
85) Indeno(1,2,3-cd)pyrene	28.85	276	1809293	47.537	ng	# 79
87) Benzo(b)fluoranthene	24.01	252	1593661	47.719	ng	98
88) Benzo(k)fluoranthene	24.08	252	1598081	48.276	ng	98
89) Benzo(a)pyrene	24.91	252	1575142	49.647	ng	99
90) Dibenzo(a,h)anthracene	28.90	278	1514245	46.695	ng	98
91) Benzo(g,h,i)perylene	30.03	276	1499624	47.647	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.13 min Scan# 823

Delta R.T. -0.03 min

Lab File: BG031365.D

Acq: 5 Dec 2017 2:46

Instrument :

BNA_G

ClientSampleId :

IDOC-SOIL-1

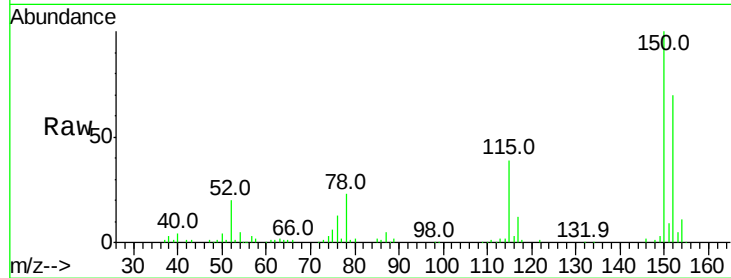
Tot Ion:152 Resp: 61129

Ion Ratio Lower Upper

152 100

150 143.1 126.6 189.8

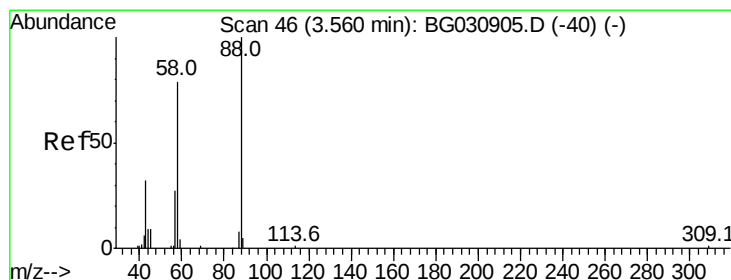
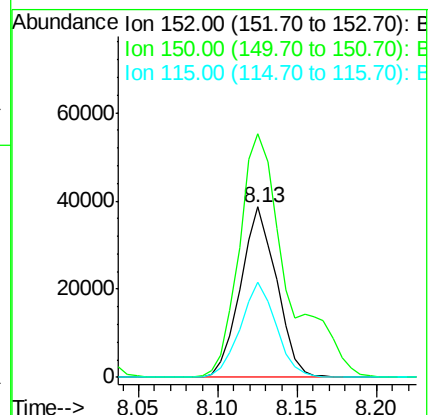
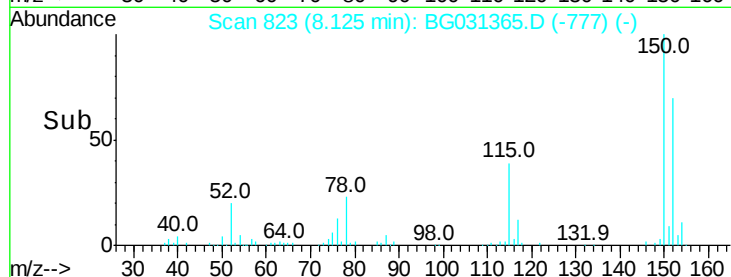
115 55.8 53.0 79.4



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: 39.368 ng

RT: 3.54 min Scan# 42

Delta R.T. -0.03 min

Lab File: BG031365.D

Acq: 5 Dec 2017 2:46

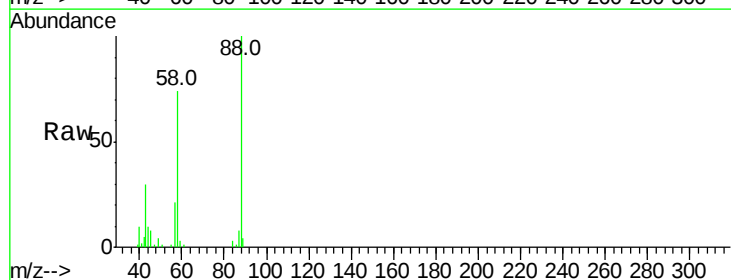
Tgt Ion: 88 Resp: 56952

Ion Ratio Lower Upper

88 100

58 75.2 79.6 119.4#

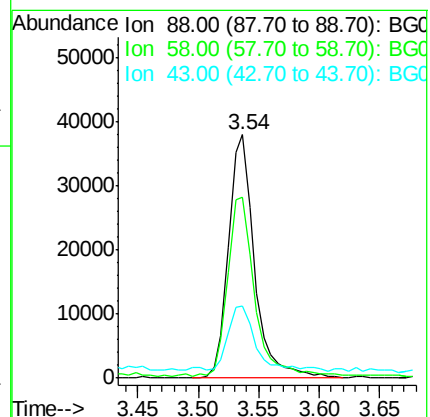
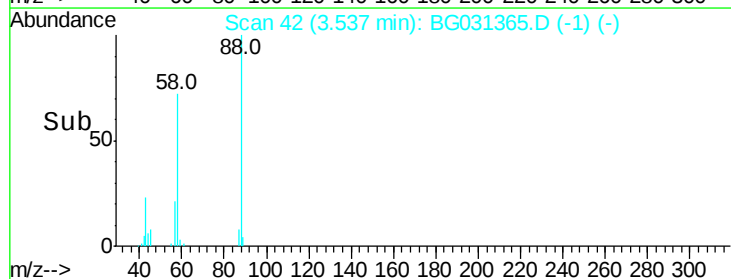
43 29.3 27.4 41.0

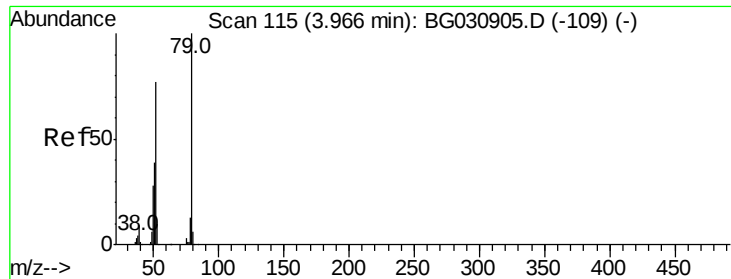


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 10.946 ng

RT: 3.95 min Scan# 112

Delta R.T. -0.03 min

Lab File: BG031365.D

Acq: 5 Dec 2017 2:46

Instrument :

BNA_G

ClientSampleId :

IDOC-SOIL-1

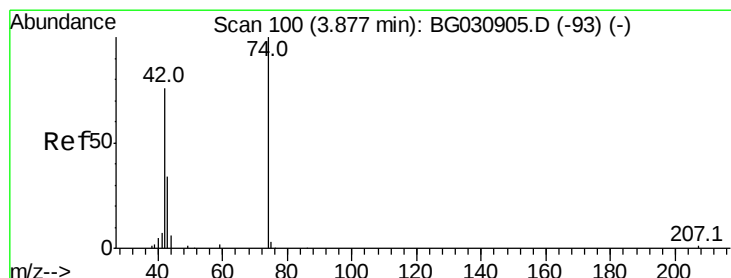
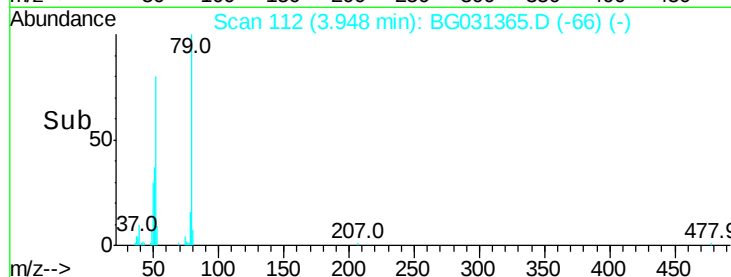
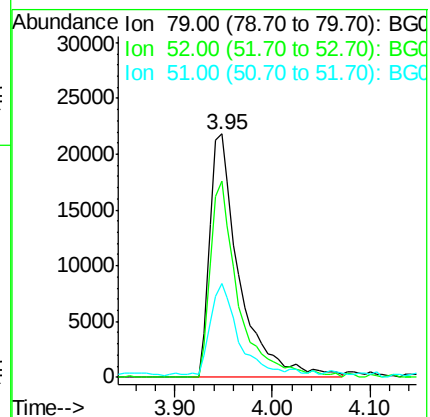
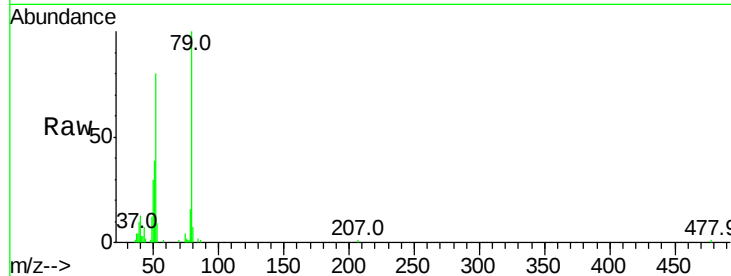
Tot Ion: 79 Resp: 45970

Ion Ratio Lower Upper

79 100

52 80.4 69.9 104.9

51 38.6 34.0 51.0



#4

n-Nitrosodimethylamine

Concen: 40.287 ng

RT: 3.85 min Scan# 96

Delta R.T. -0.03 min

Lab File: BG031365.D

Acq: 5 Dec 2017 2:46

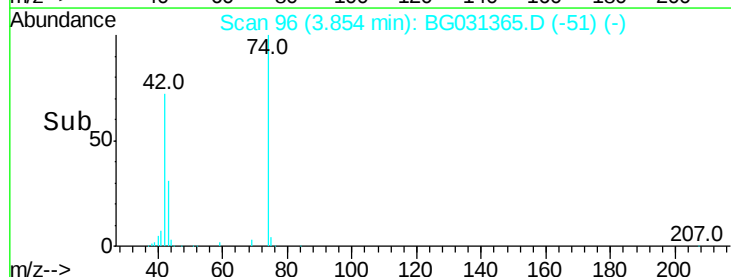
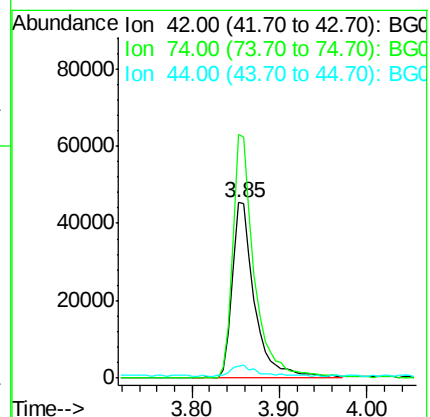
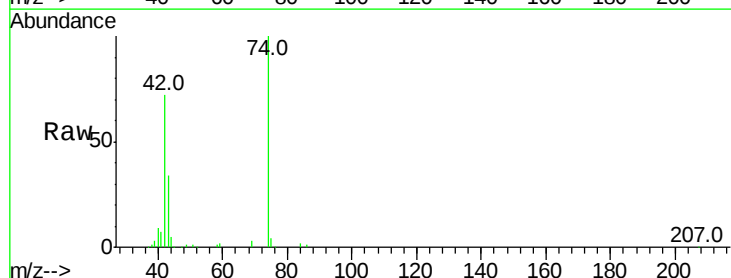
Tgt Ion: 42 Resp: 80189

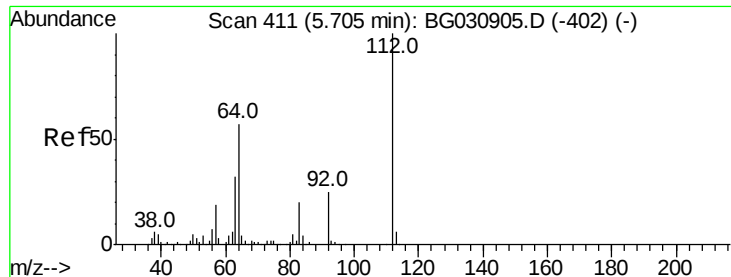
Ion Ratio Lower Upper

42 100

74 138.7 102.5 153.7

44 6.7 18.9 28.3#





#5

2-Fluorophenol

Concen: 145.518 ng

RT: 5.69 min Scan# 408

Delta R.T. -0.02 min

Lab File: BG031365.D

Acq: 5 Dec 2017 2:46

Instrument :

BNA_G

ClientSampleId :

IDOC-SOIL-1

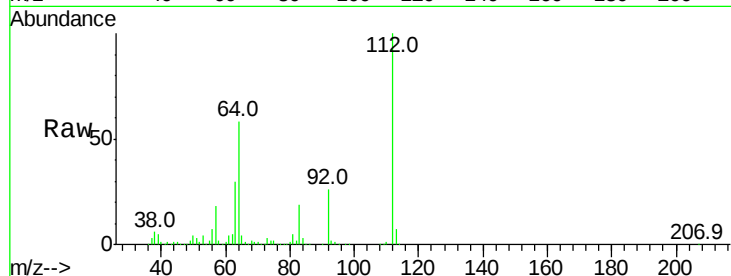
Tot Ion:112 Resp: 518754

Ion Ratio Lower Upper

112 100

64 58.2 56.3 84.5

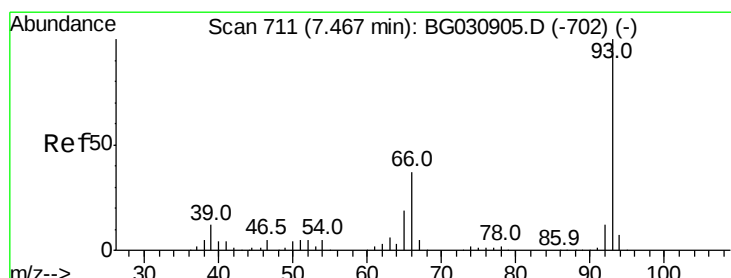
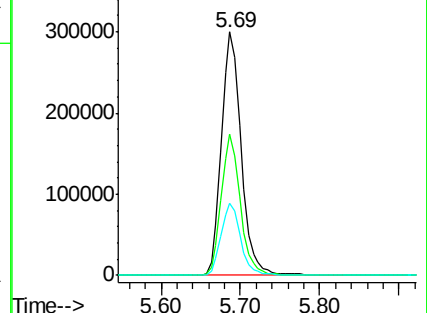
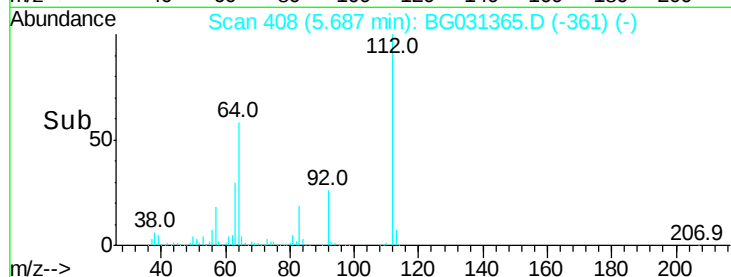
63 29.8 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 23.295 ng

RT: 7.45 min Scan# 708

Delta R.T. -0.02 min

Lab File: BG031365.D

Acq: 5 Dec 2017 2:46

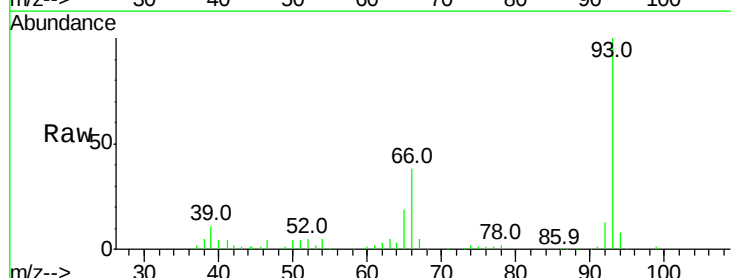
Tgt Ion: 93 Resp: 147234

Ion Ratio Lower Upper

93 100

66 38.2 33.7 50.5

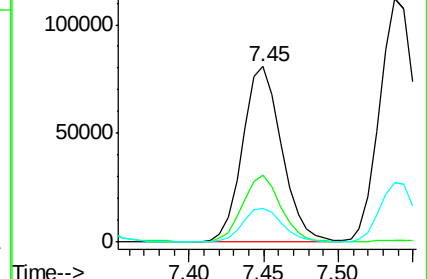
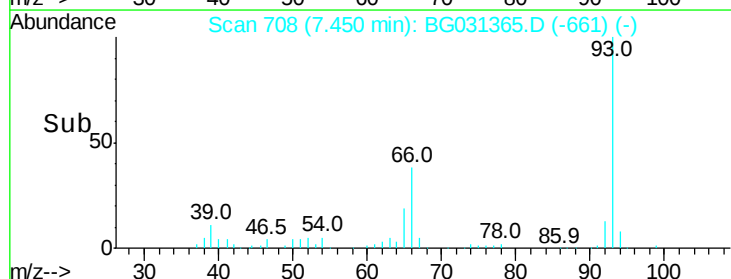
65 18.9 16.1 24.1

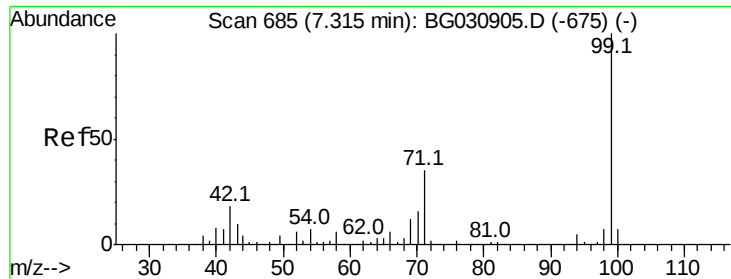


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 145.506 ng

RT: 7.30 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG031365.D

Acq: 5 Dec 2017 2:46

Instrument :

BNA_G

ClientSampleId :

IDOC-SOIL-1

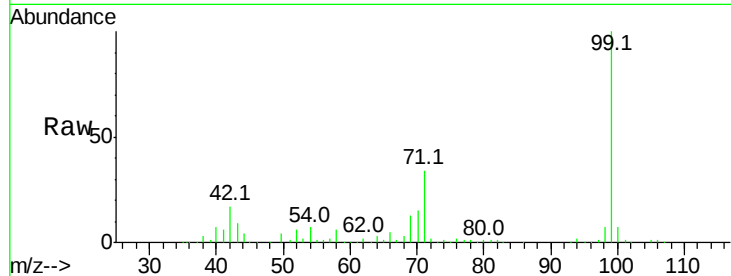
Tot Ion: 99 Resp: 698817

Ion Ratio Lower Upper

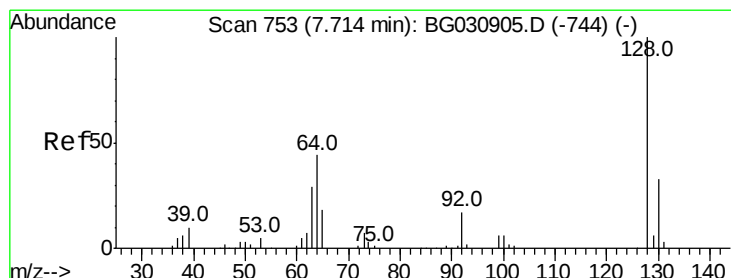
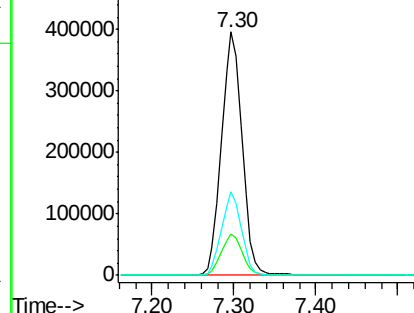
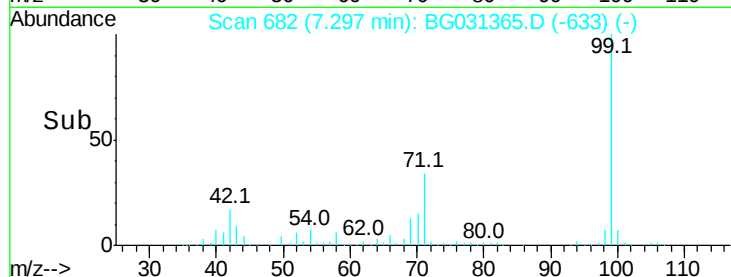
99 100

42 17.2 14.1 21.1

71 34.2 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: 51.572 ng

RT: 7.70 min Scan# 750

Delta R.T. -0.02 min

Lab File: BG031365.D

Acq: 5 Dec 2017 2:46

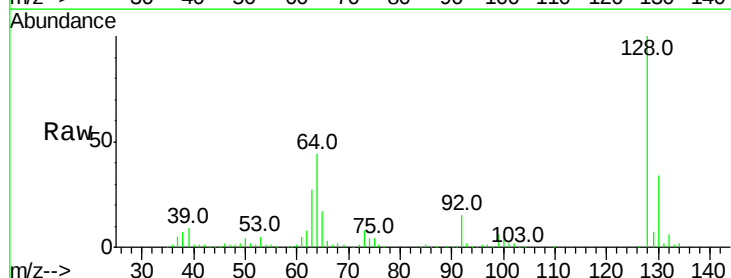
Tgt Ion: 128 Resp: 202888

Ion Ratio Lower Upper

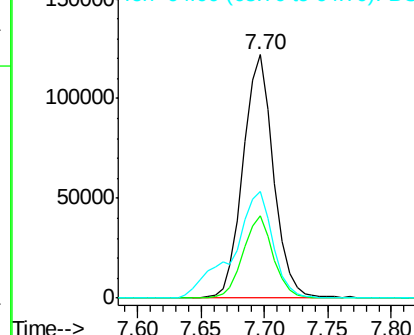
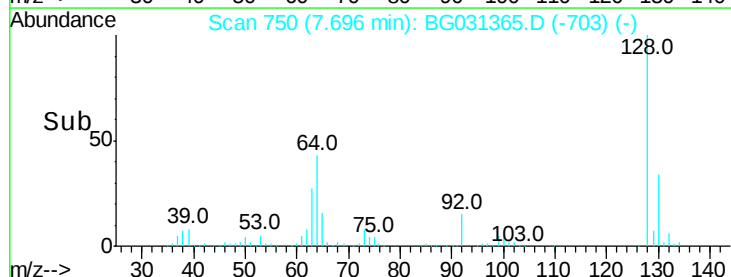
128 100

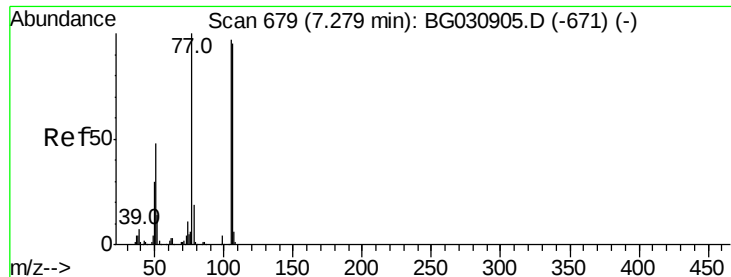
130 33.9 14.0 54.0

64 43.6 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: 23.763 ng

RT: 7.26 min Scan# 676

Delta R.T. -0.03 min

Lab File: BG031365.D

Acq: 5 Dec 2017 2:46

Instrument :

BNA_G

ClientSampleId :

IDOC-SOIL-1

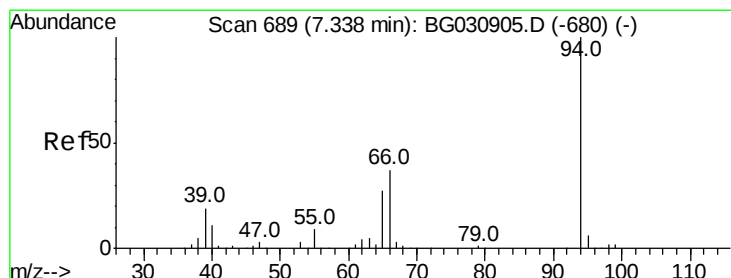
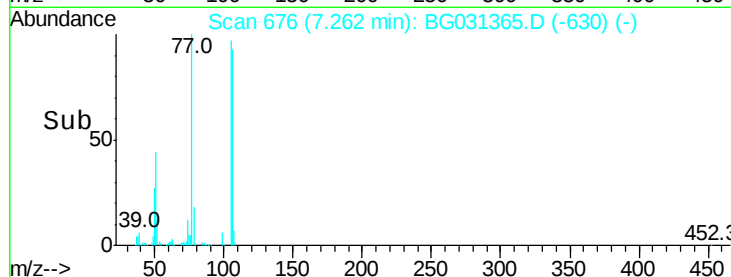
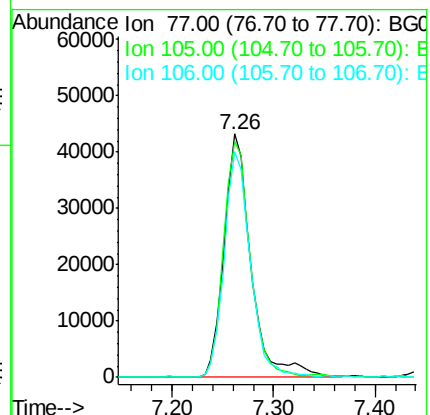
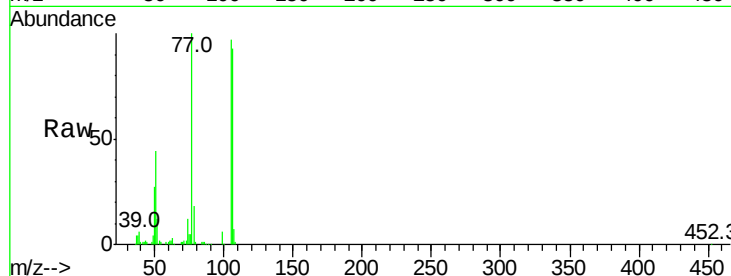
Tot Ion: 77 Resp: 79864

Ion Ratio Lower Upper

77 100

105 96.8 71.3 111.3

106 92.6 64.2 104.2



#10

Phenol

Concen: 52.655 ng

RT: 7.33 min Scan# 687

Delta R.T. -0.01 min

Lab File: BG031365.D

Acq: 5 Dec 2017 2:46

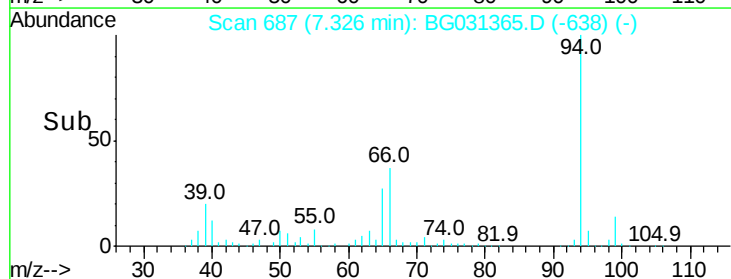
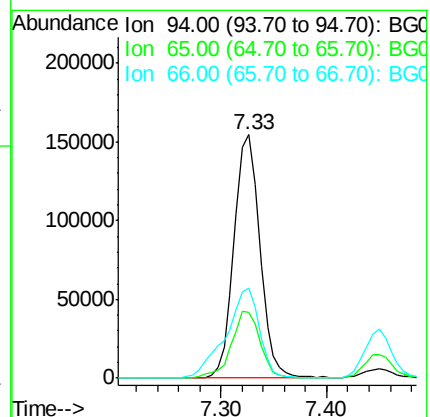
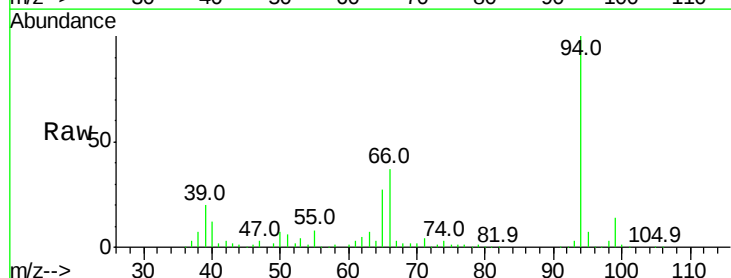
Tgt Ion: 94 Resp: 262618

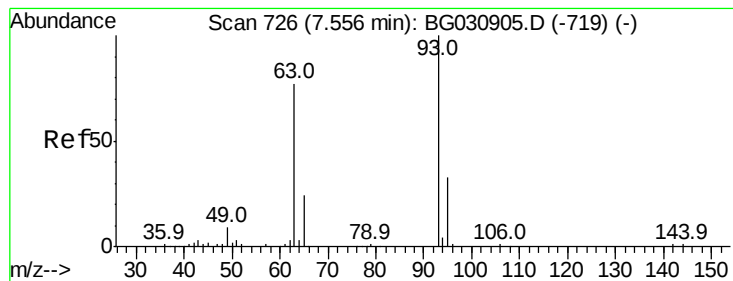
Ion Ratio Lower Upper

94 100

65 26.8 11.9 51.9

66 37.0 22.2 62.2





#11

bis(2-Chloroethyl)ether

Concen: 46.304 ng

RT: 7.54 min Scan# 723

Delta R.T. -0.03 min

Lab File: BG031365.D

Acq: 5 Dec 2017 2:46

Instrument :

BNA_G

ClientSampleId :

IDOC-SOIL-1

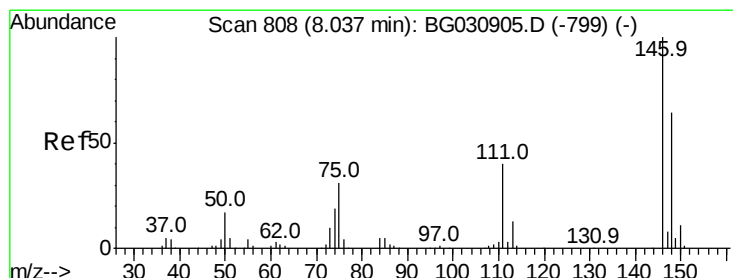
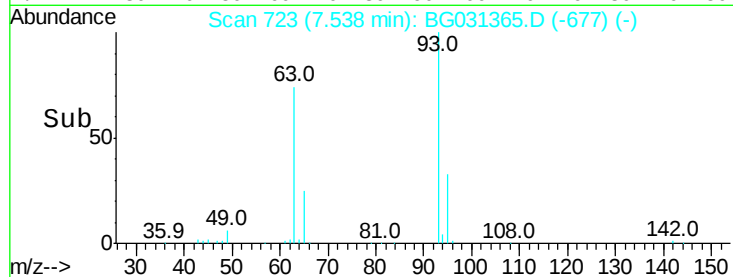
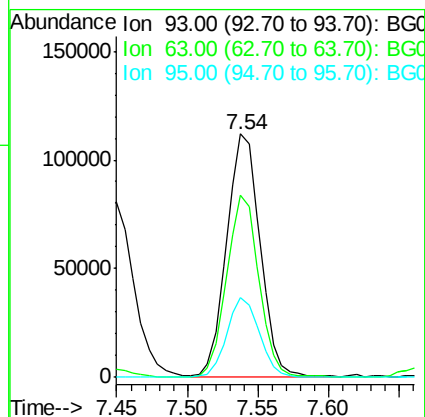
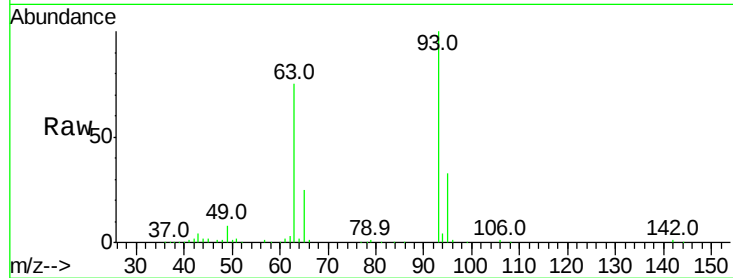
Tot Ion: 93 Resp: 184397

Ion Ratio Lower Upper

93 100

63 75.0 67.1 107.1

95 32.8 11.5 51.5



#12

1,3-Dichlorobenzene

Concen: 45.868 ng

RT: 8.01 min Scan# 804

Delta R.T. -0.03 min

Lab File: BG031365.D

Acq: 5 Dec 2017 2:46

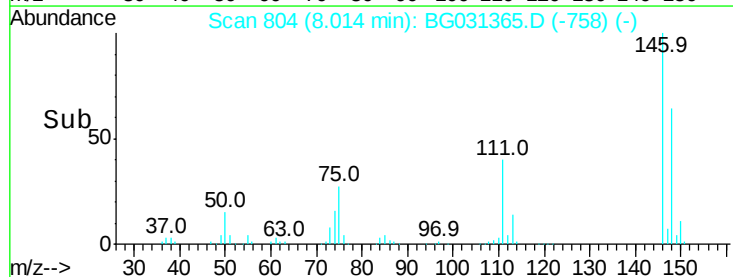
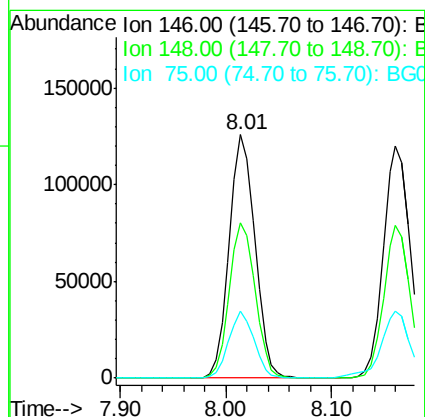
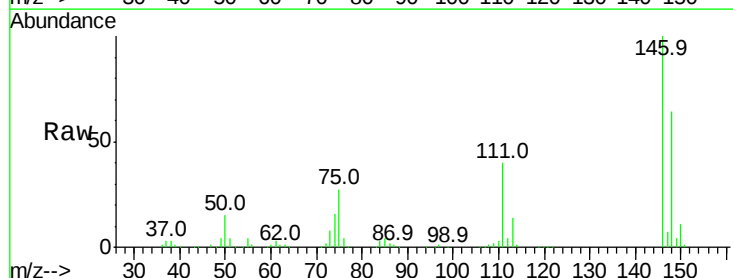
Tgt Ion:146 Resp: 211712

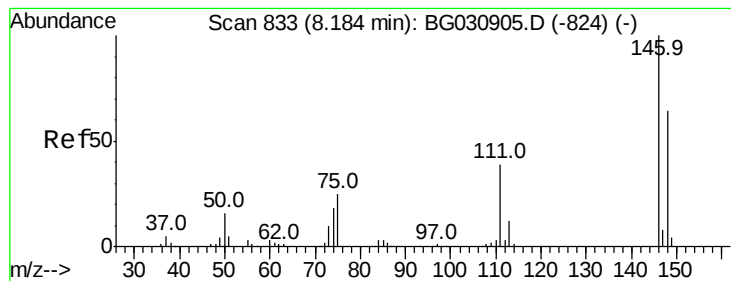
Ion Ratio Lower Upper

146 100

148 63.6 51.4 77.2

75 27.3 26.6 39.8





#13

1,4-Dichlorobenzene

Concen: 45.460 ng

RT: 8.16 min Scan# 829

Delta R.T. -0.03 min

Lab File: BG031365.D

Acq: 5 Dec 2017 2:46

Instrument :

BNA_G

ClientSampleId :

IDOC-SOIL-1

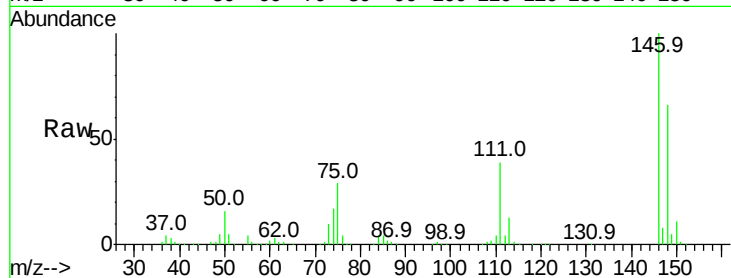
Tot Ion:146 Resp: 212631

Ion Ratio Lower Upper

146 100

148 65.7 53.7 80.5

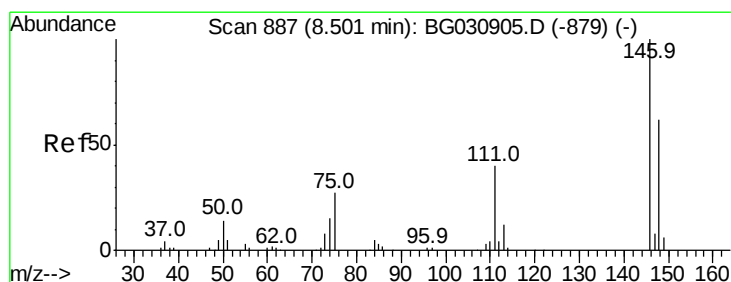
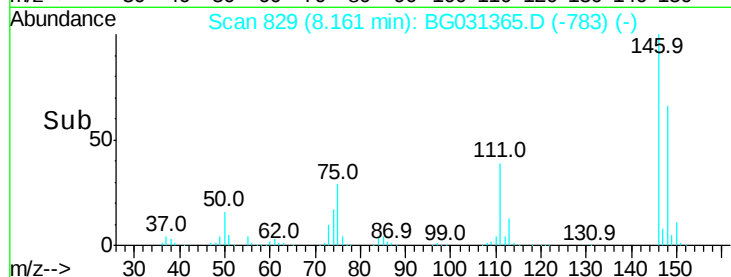
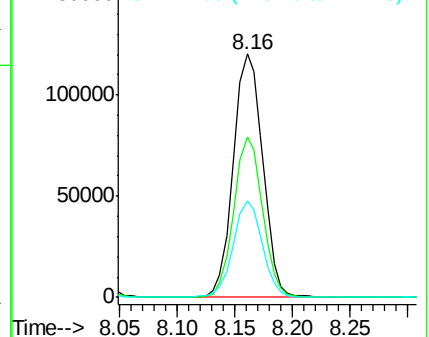
111 39.5 35.2 52.8



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: 46.273 ng

RT: 8.48 min Scan# 884

Delta R.T. -0.03 min

Lab File: BG031365.D

Acq: 5 Dec 2017 2:46

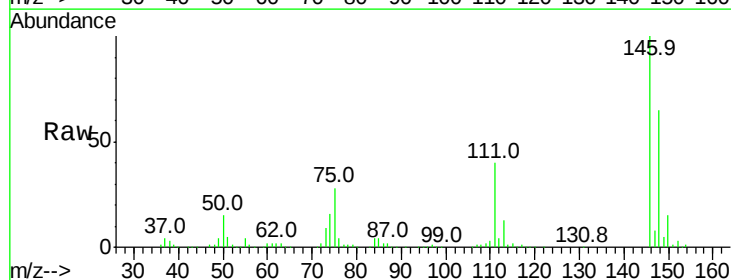
Tgt Ion:146 Resp: 207734

Ion Ratio Lower Upper

146 100

148 65.5 49.3 73.9

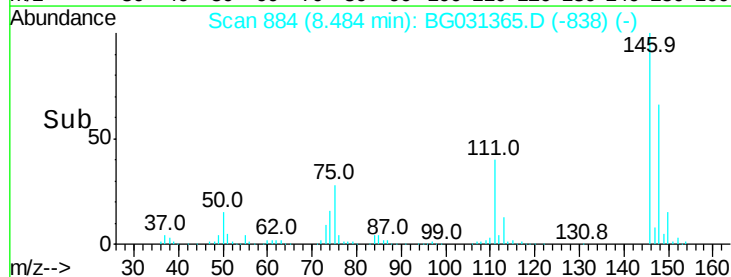
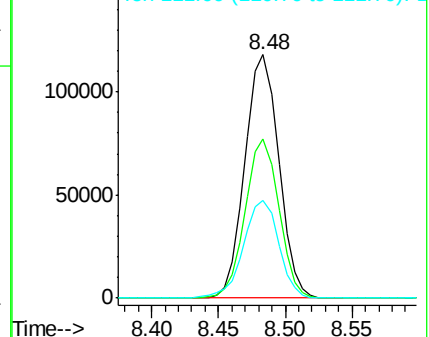
111 40.1 34.3 51.5

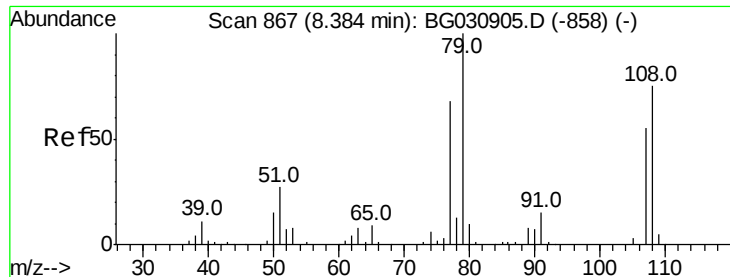


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

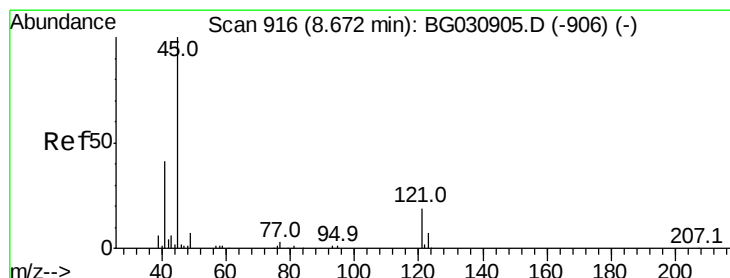
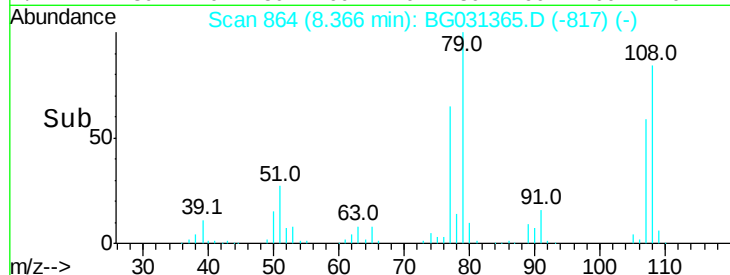
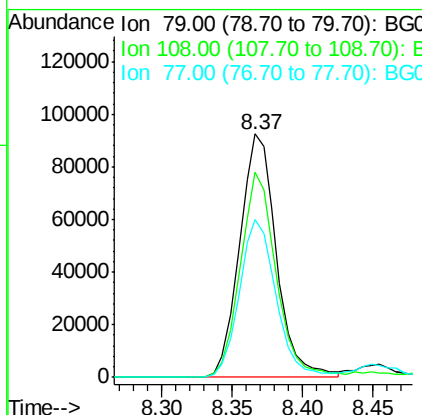
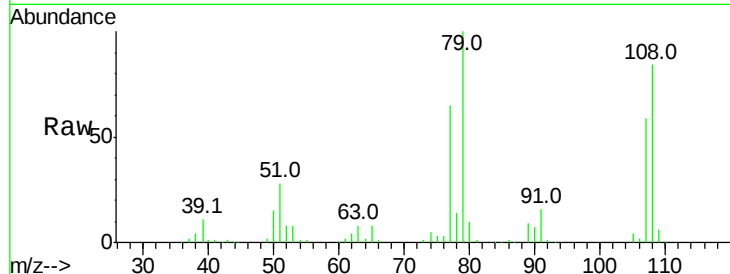




#15
Benzyl Alcohol
Concen: 43.667 ng
RT: 8.37 min Scan# 864
Delta R.T. -0.02 min
Lab File: BG031365.D
Acq: 5 Dec 2017 2:46

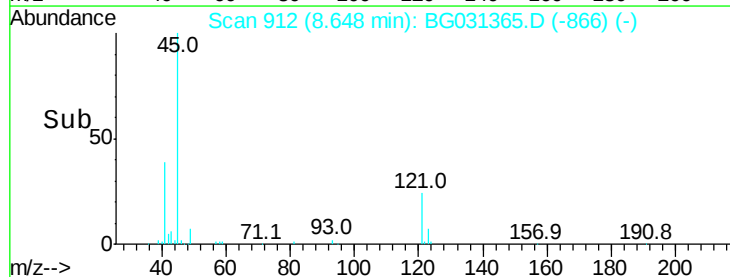
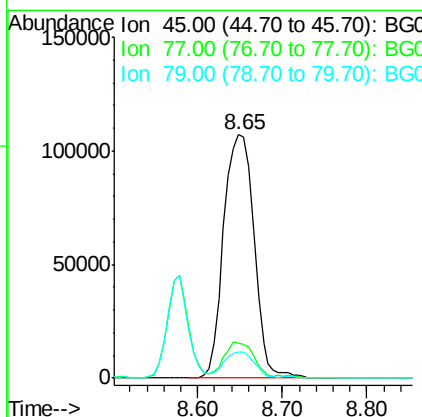
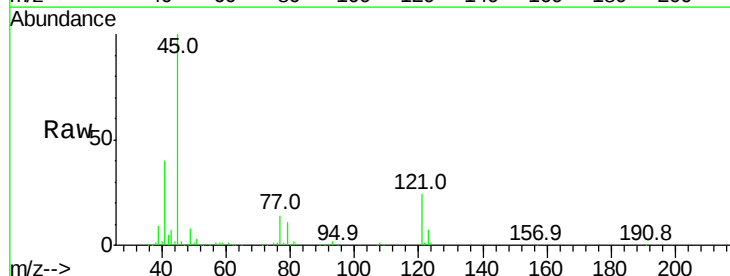
Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-1

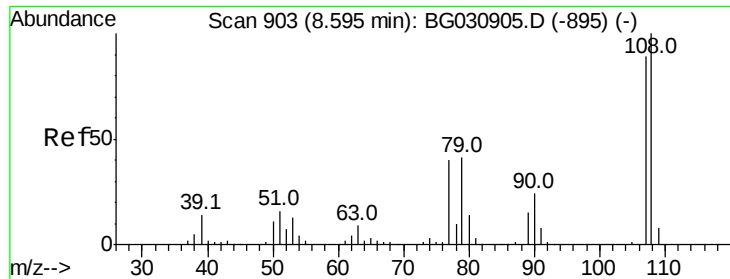
Tot Ion: 79 Resp: 168221
Ion Ratio Lower Upper
79 100
108 84.4 57.2 85.8
77 65.0 46.1 69.1



#16
2,2'-oxybis(1-chloropropane)
Concen: 60.663 ng
RT: 8.65 min Scan# 912
Delta R.T. -0.03 min
Lab File: BG031365.D
Acq: 5 Dec 2017 2:46

Tgt Ion: 45 Resp: 266840
Ion Ratio Lower Upper
45 100
77 14.4 0.0 30.2
79 10.7 0.0 27.9

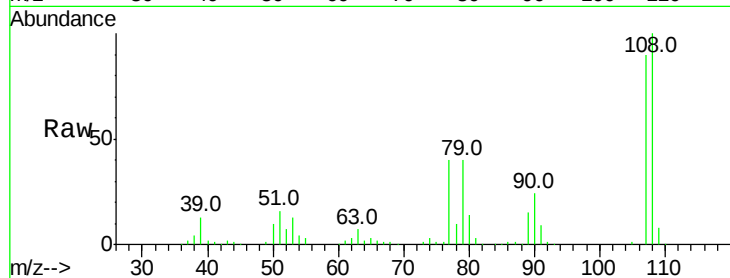




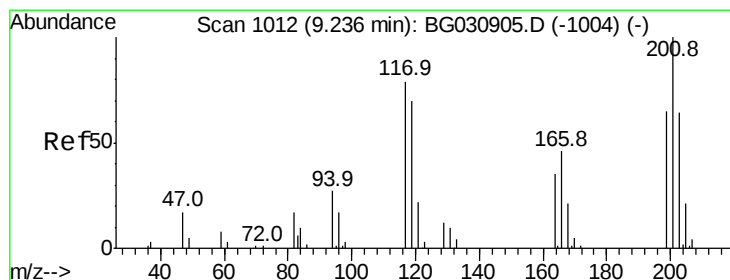
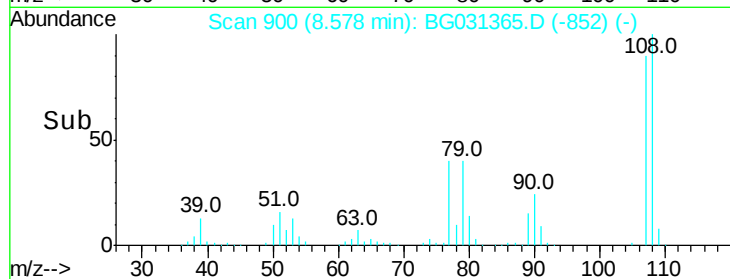
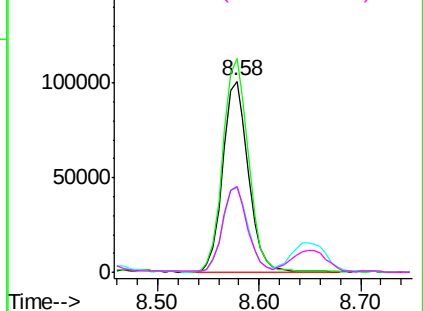
#17
2-Methylphenol
Concen: 50.703 ng
RT: 8.58 min Scan# 900
Delta R.T. -0.02 min
Lab File: BG031365.D
Acq: 5 Dec 2017 2:46

Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-1

Tot Ion:107 Resp: 176098
Ion Ratio Lower Upper
107 100
108 111.7 83.9 125.9
77 44.5 37.2 55.8
79 44.8 36.2 54.2

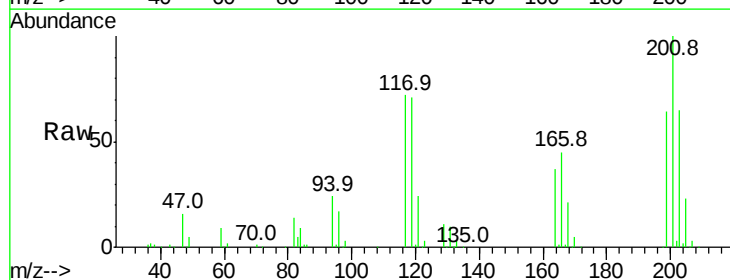


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

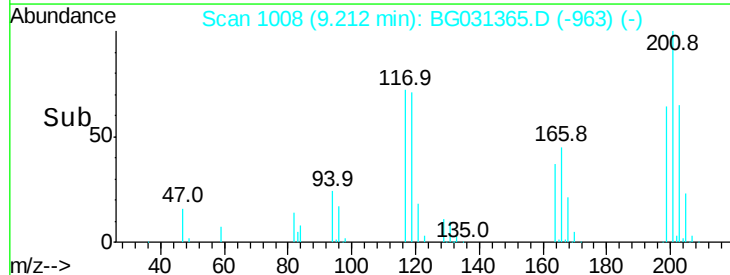
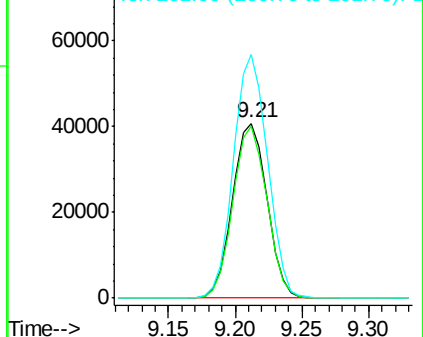


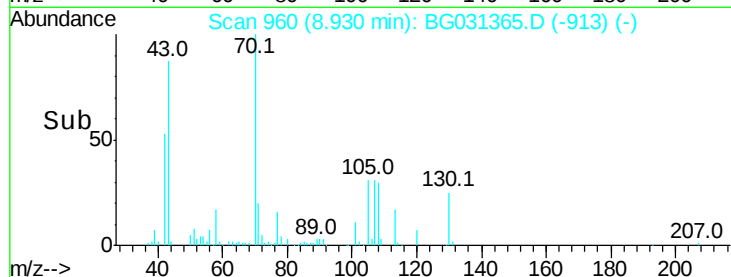
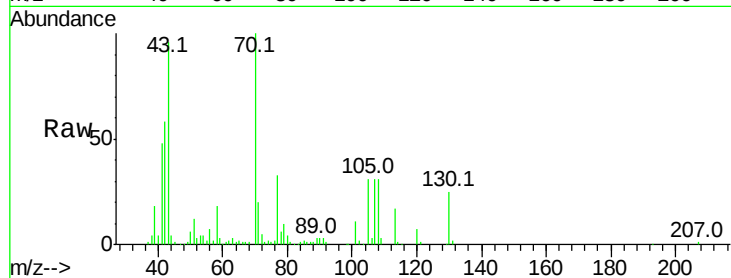
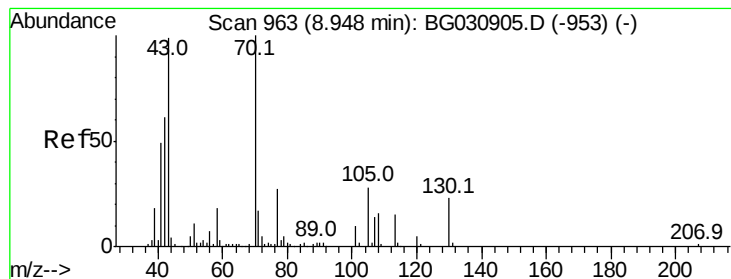
#18
Hexachloroethane
Concen: 45.050 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.03 min
Lab File: BG031365.D
Acq: 5 Dec 2017 2:46

Tgt Ion:117 Resp: 73336
Ion Ratio Lower Upper
117 100
119 98.2 76.7 115.1
201 139.1 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: 41.173 ng

RT: 8.93 min Scan# 960

Delta R.T. -0.02 min

Lab File: BG031365.D

Acq: 5 Dec 2017 2:46

Instrument :

BNA_G

ClientSampleId :

IDOC-SOIL-1

Tot Ion: 70 Resp: 150349

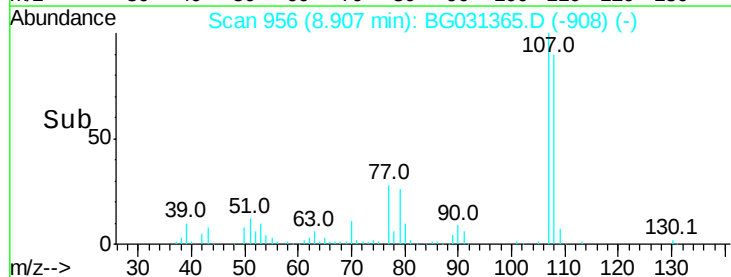
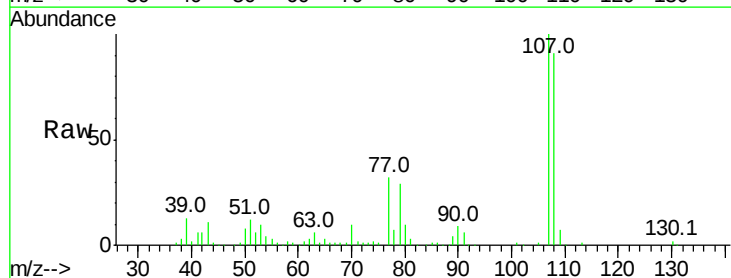
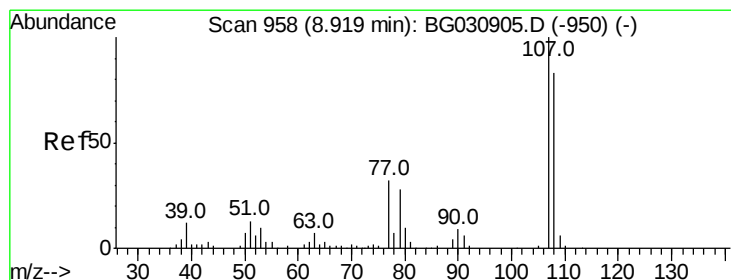
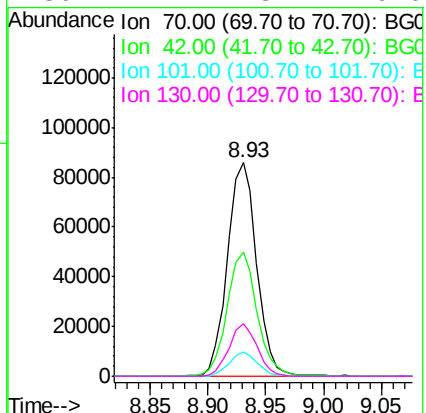
Ion Ratio Lower Upper

70 100

42 57.9 49.1 73.7

101 11.4 8.5 12.7

130 24.7 13.4 20.0#



#20

3+4-Methylphenols

Concen: 50.045 ng

RT: 8.91 min Scan# 956

Delta R.T. -0.02 min

Lab File: BG031365.D

Acq: 5 Dec 2017 2:46

Tgt Ion:107 Resp: 247157

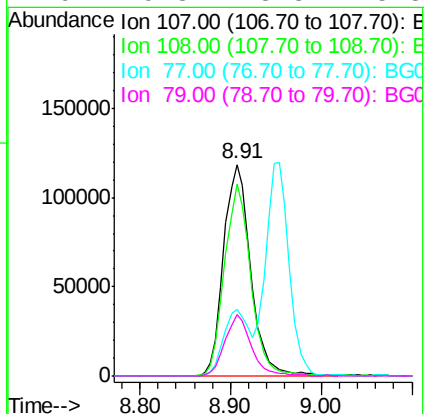
Ion Ratio Lower Upper

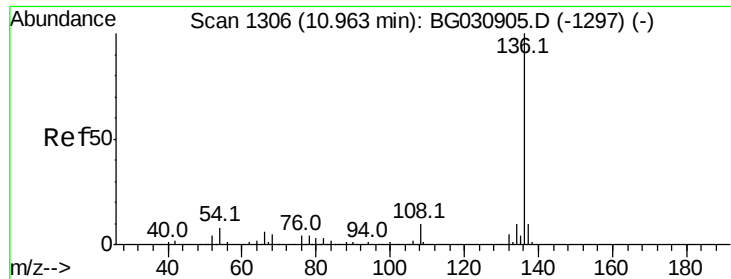
107 100

108 90.9 61.6 101.6

77 31.7 13.9 53.9

79 29.3 8.8 48.8

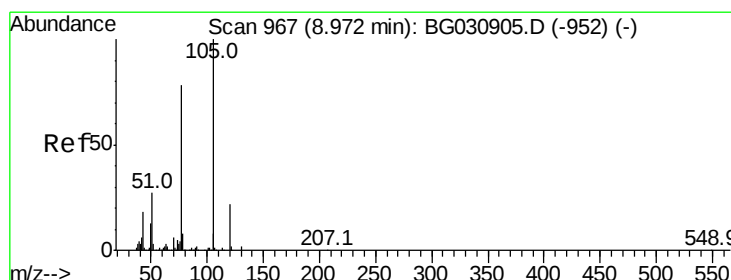
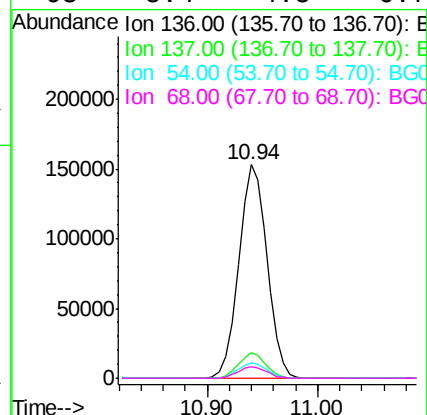
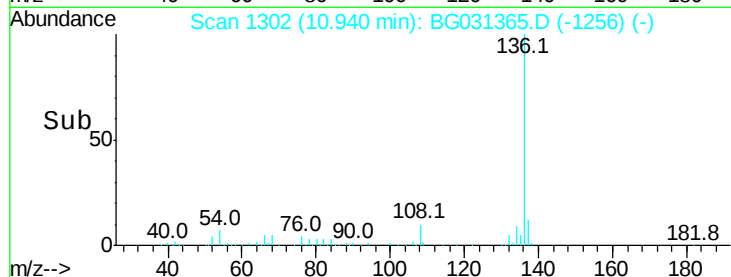
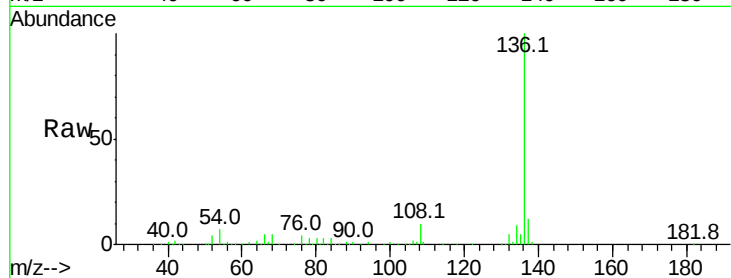




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.03 min
Lab File: BG031365.D
Acq: 5 Dec 2017 2:46

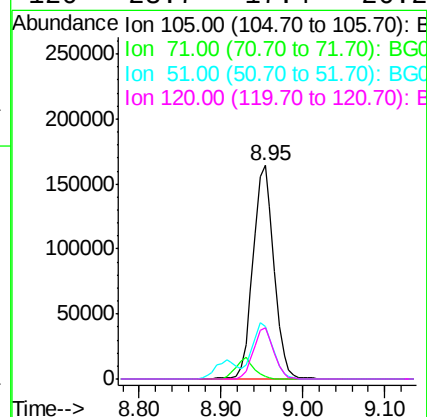
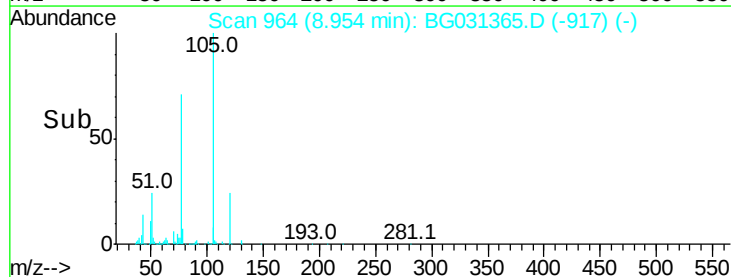
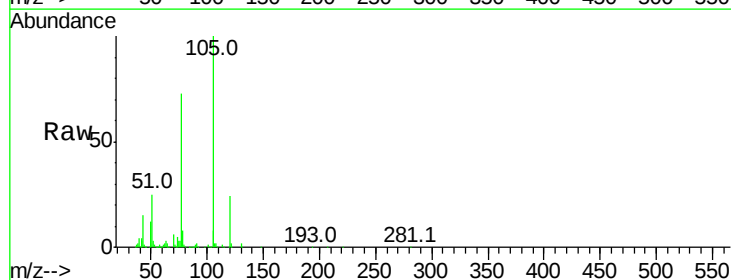
Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-1

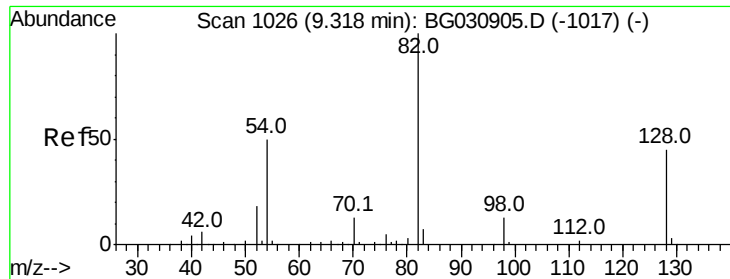
Tot Ion:136	Resp:	275029
Ion	Ratio	Lower Upper
136	100	
137	11.8	9.2 13.8
54	7.4	10.3 15.5#
68	5.4	4.5 6.7



#22
Acetophenone
Concen: 42.772 ng
RT: 8.95 min Scan# 964
Delta R.T. -0.02 min
Lab File: BG031365.D
Acq: 5 Dec 2017 2:46

Tgt Ion:105	Resp:	292900
Ion	Ratio	Lower Upper
105	100	
71	1.0	3.0 4.4#
51	24.7	26.1 39.1#
120	23.7	17.4 26.2

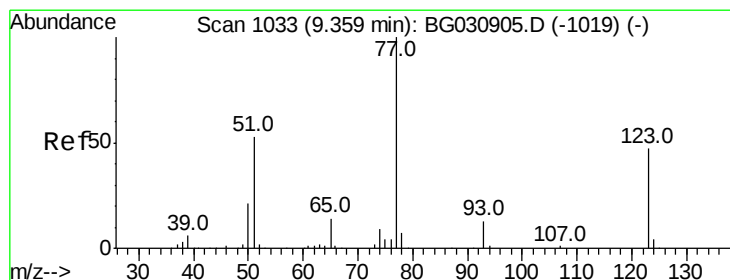
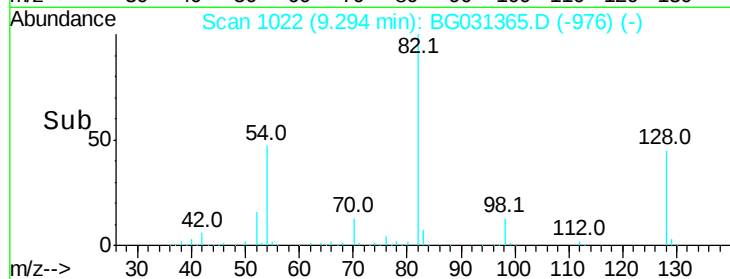
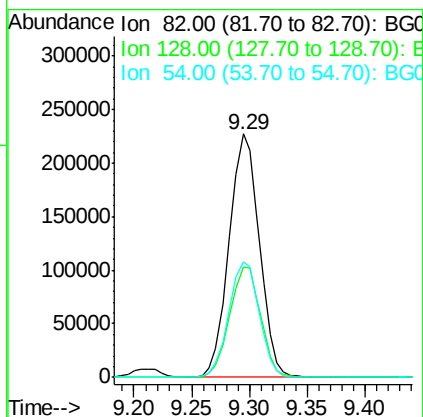
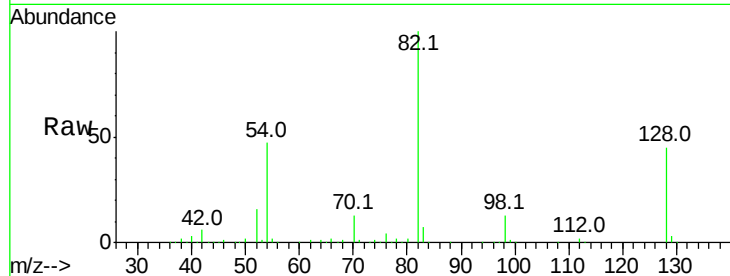




#23
Nitrobenzene-d5
Concen: 88.959 ng
RT: 9.29 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BG031365.D
Acq: 5 Dec 2017 2:46

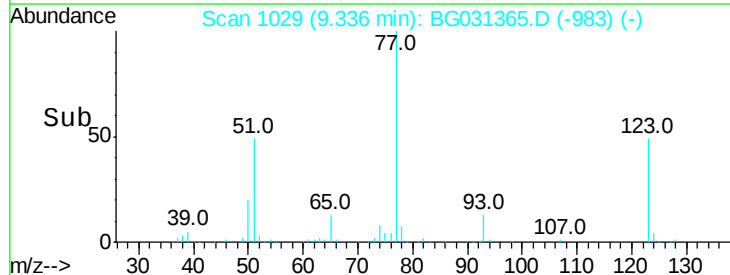
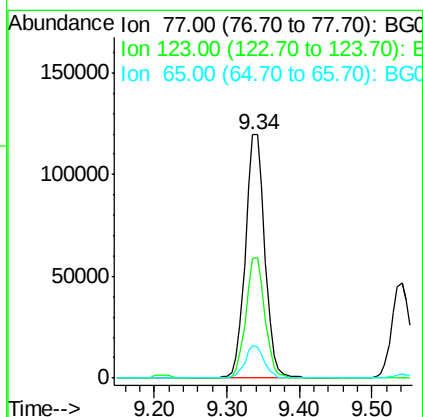
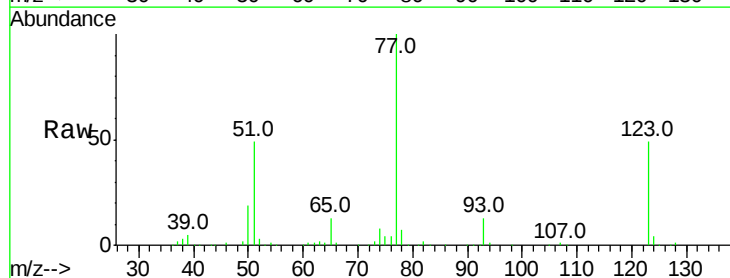
Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-1

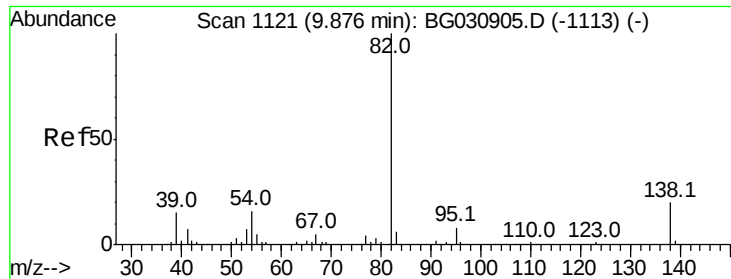
Tot Ion: 82 Resp: 412888
Ion Ratio Lower Upper
82 100
128 45.5 29.7 44.5#
54 47.4 43.1 64.7



#24
Nitrobenzene
Concen: 47.015 ng
RT: 9.34 min Scan# 1029
Delta R.T. -0.03 min
Lab File: BG031365.D
Acq: 5 Dec 2017 2:46

Tgt Ion: 77 Resp: 222903
Ion Ratio Lower Upper
77 100
123 49.2 33.0 49.6
65 13.1 13.0 19.6





#25

Isophorone

Concen: 48.185 ng

RT: 9.86 min Scan# 1118

Delta R.T. -0.02 min

Lab File: BG031365.D

Acq: 5 Dec 2017 2:46

Instrument :

BNA_G

ClientSampleId :

IDOC-SOIL-1

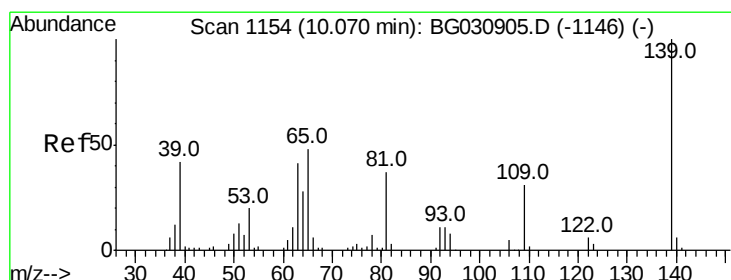
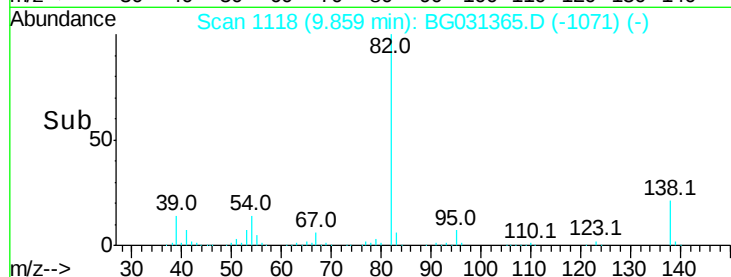
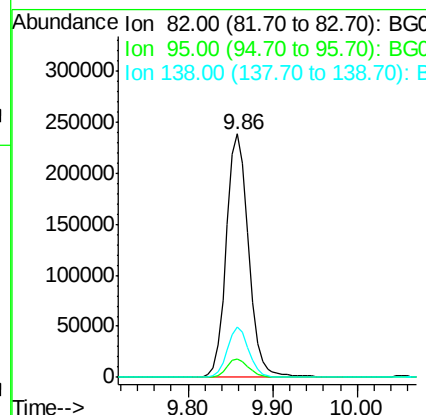
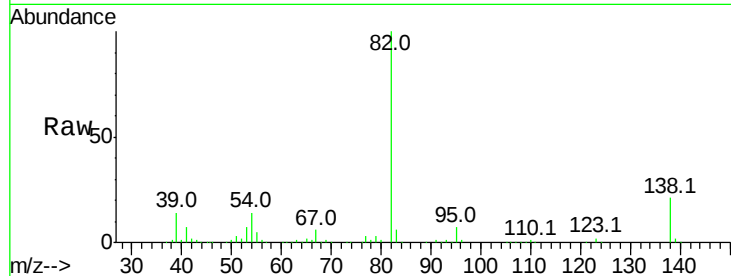
Tot Ion: 82 Resp: 436161

Ion Ratio Lower Upper

82 100

95 7.5 6.2 9.2

138 20.5 12.1 18.1#



#26

2-Nitrophenol

Concen: 49.916 ng

RT: 10.05 min Scan# 1151

Delta R.T. -0.02 min

Lab File: BG031365.D

Acq: 5 Dec 2017 2:46

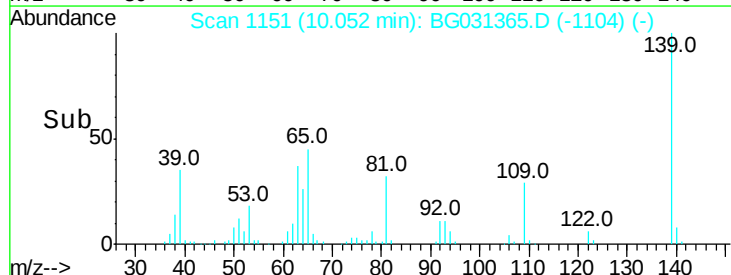
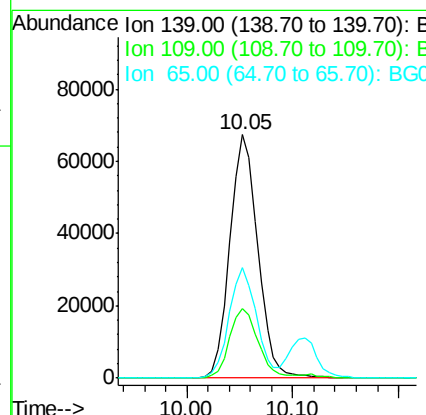
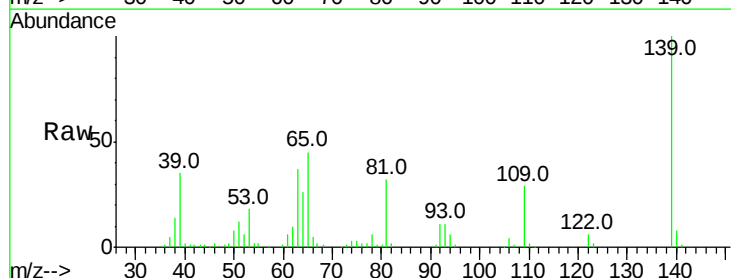
Tgt Ion:139 Resp: 123357

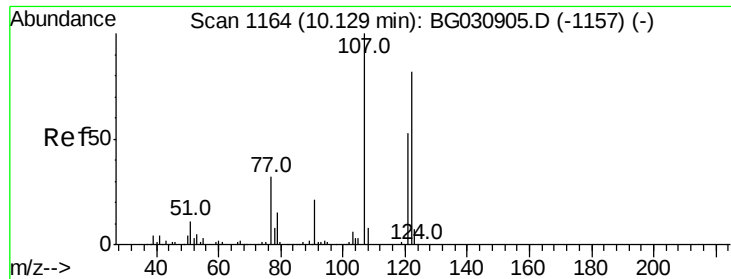
Ion Ratio Lower Upper

139 100

109 28.8 24.2 36.2

65 45.2 47.4 71.0#

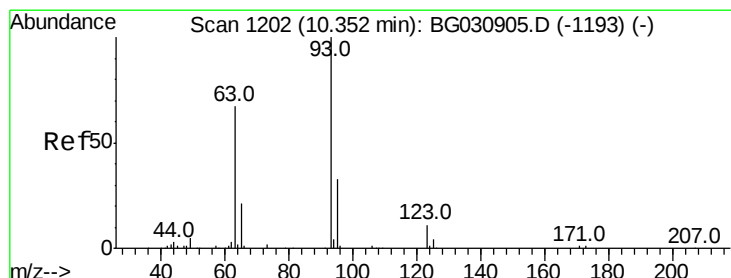
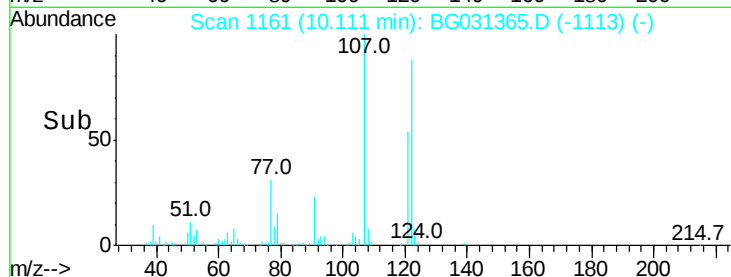
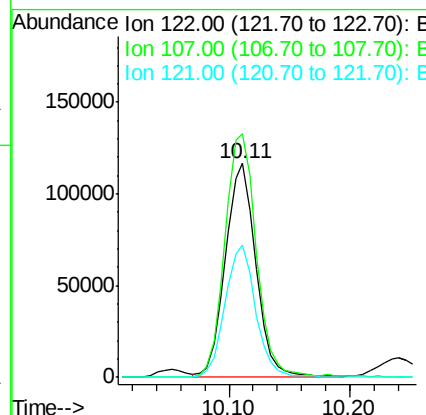
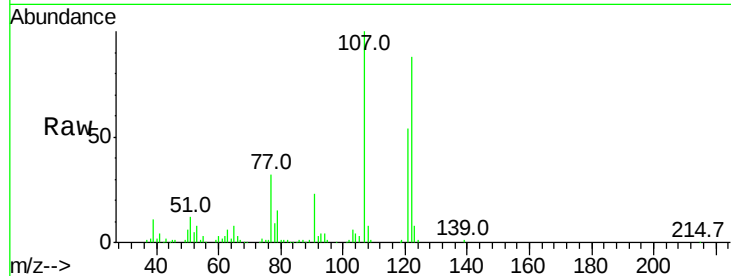




#27
 2,4-Dimethylphenol
 Concen: 55.315 ng
 RT: 10.11 min Scan# 1161
 Delta R.T. -0.02 min
 Lab File: BG031365.D
 Acq: 5 Dec 2017 2:46

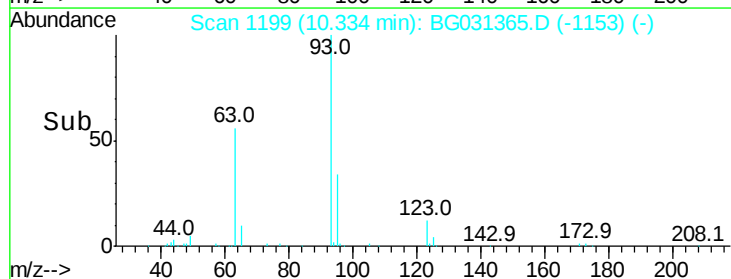
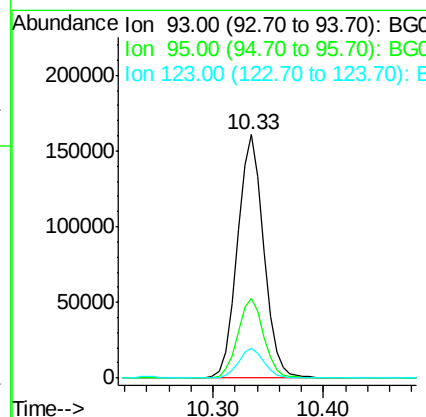
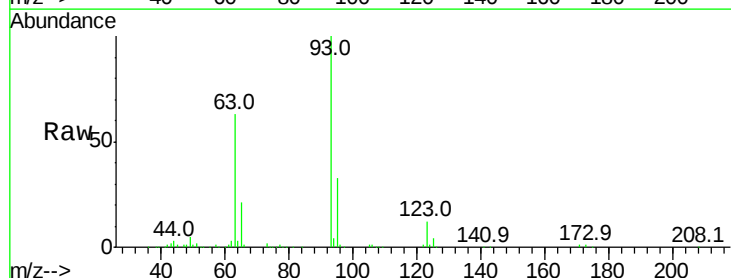
Instrument :
 BNA_G
 ClientSampleId :
 IDOC-SOIL-1

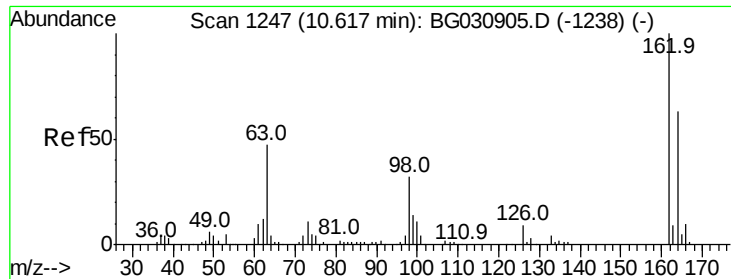
Tot Ion:122 Resp: 202941
 Ion Ratio Lower Upper
 122 100
 107 113.7 100.2 150.2
 121 61.5 44.4 66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 47.259 ng
 RT: 10.33 min Scan# 1199
 Delta R.T. -0.03 min
 Lab File: BG031365.D
 Acq: 5 Dec 2017 2:46

Tgt Ion: 93 Resp: 269425
 Ion Ratio Lower Upper
 93 100
 95 32.7 24.3 36.5
 123 12.3 8.4 12.6

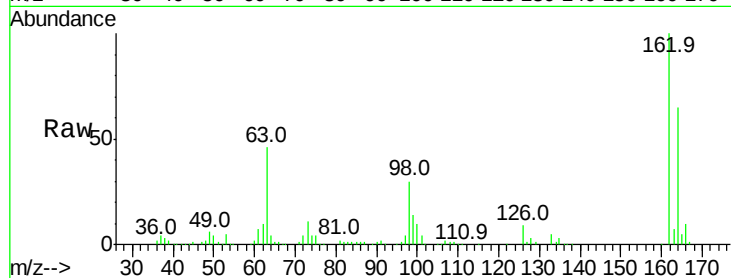




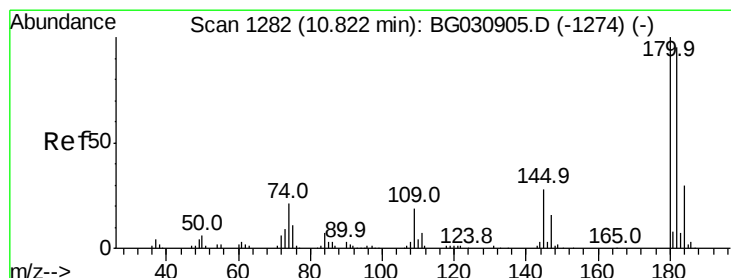
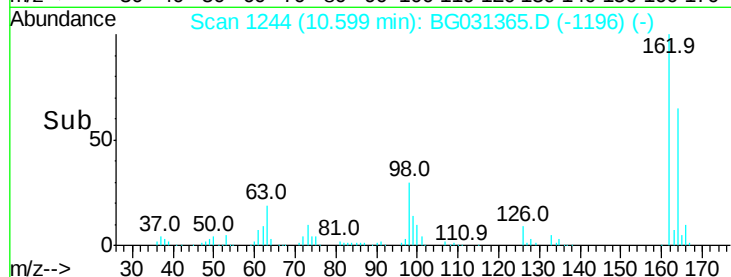
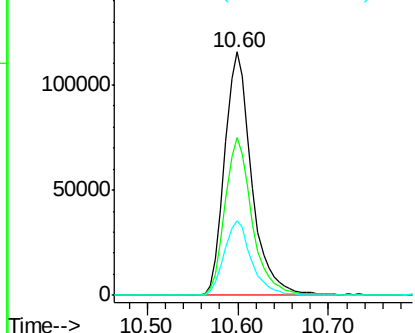
#29
 2,4-Dichlorophenol
 Concen: 54.538 ng
 RT: 10.60 min Scan# 1244
 Delta R.T. -0.02 min
 Lab File: BG031365.D
 Acq: 5 Dec 2017 2:46

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-SOIL-1

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	48.0	88.0
98	30.4	21.1	61.1

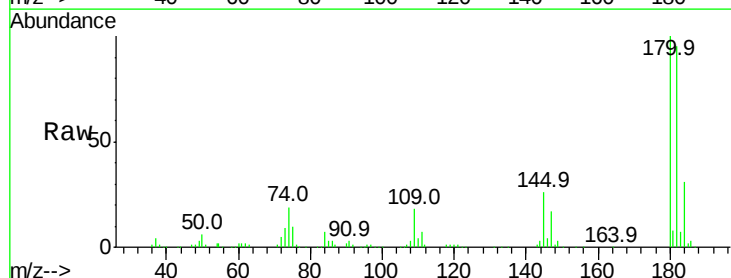


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

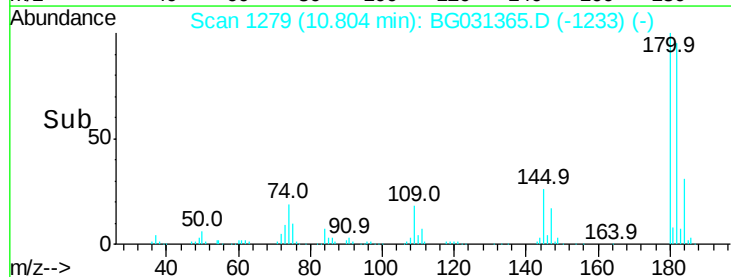
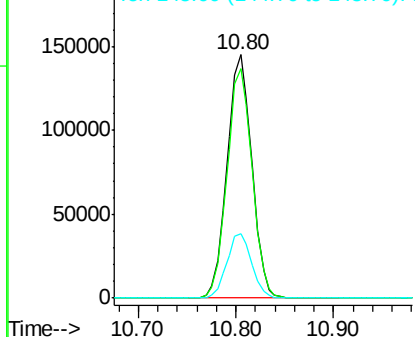


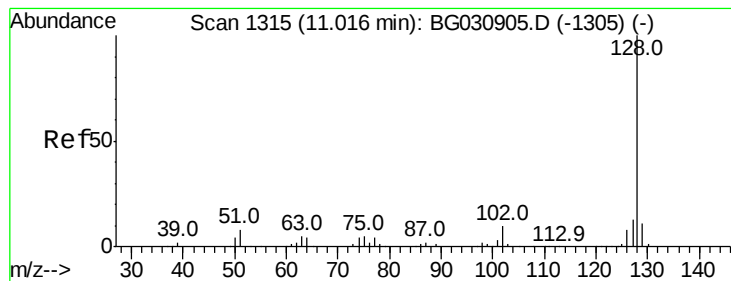
#30
 1,2,4-Trichlorobenzene
 Concen: 48.337 ng
 RT: 10.80 min Scan# 1279
 Delta R.T. -0.03 min
 Lab File: BG031365.D
 Acq: 5 Dec 2017 2:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	77.5	116.3
145	26.5	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: 47.252 ng

RT: 10.99 min Scan# 1311

Delta R.T. -0.03 min

Lab File: BG031365.D

Acq: 5 Dec 2017 2:46

Instrument :

BNA_G

ClientSampleId :

IDOC-SOIL-1

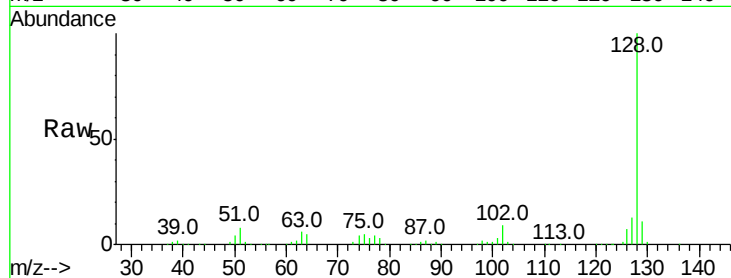
Tot Ion:128 Resp: 638863

Ion Ratio Lower Upper

128 100

129 11.0 8.6 12.8

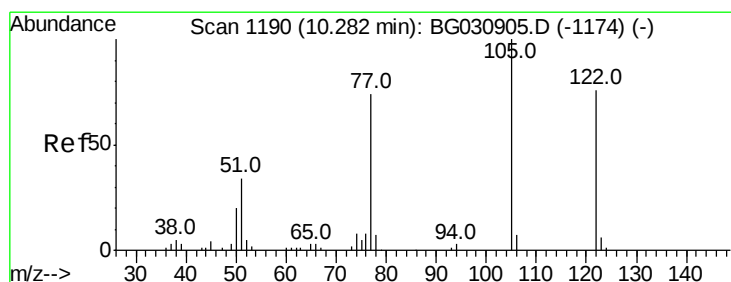
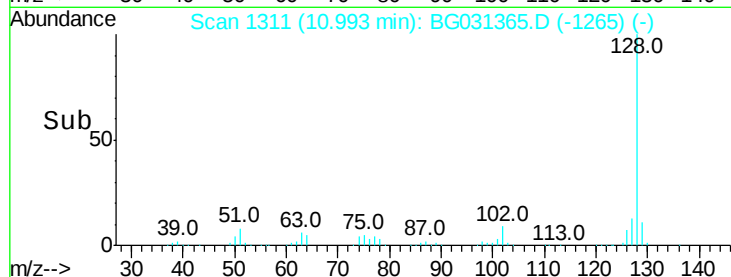
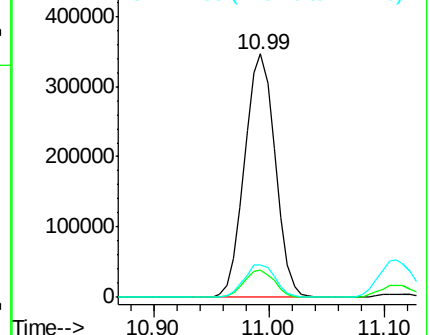
127 13.4 11.6 17.4



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: 13.241 ng

RT: 10.24 min Scan# 1183

Delta R.T. -0.03 min

Lab File: BG031365.D

Acq: 5 Dec 2017 2:46

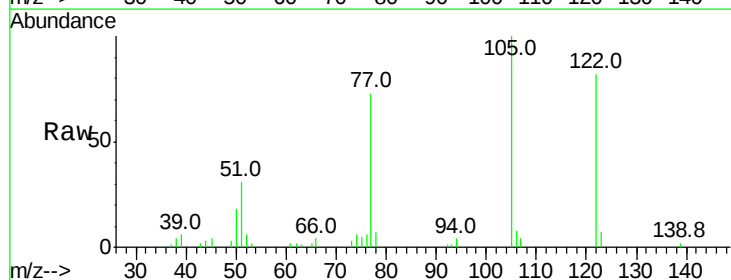
Tgt Ion:122 Resp: 26258

Ion Ratio Lower Upper

122 100

105 122.5 123.5 163.5#

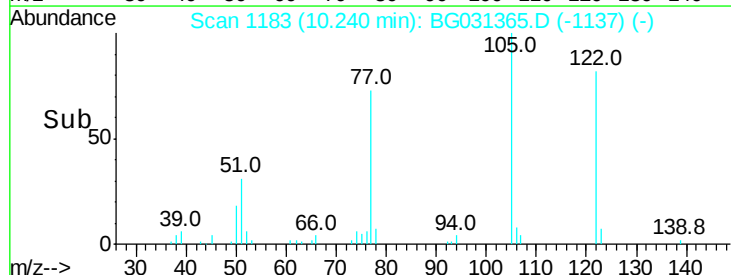
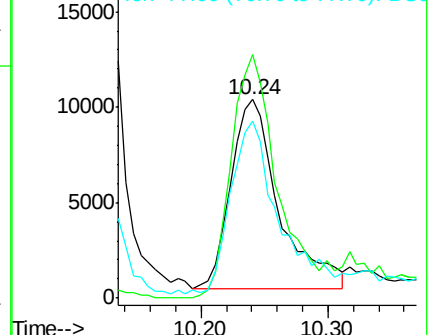
77 89.1 85.7 125.7



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

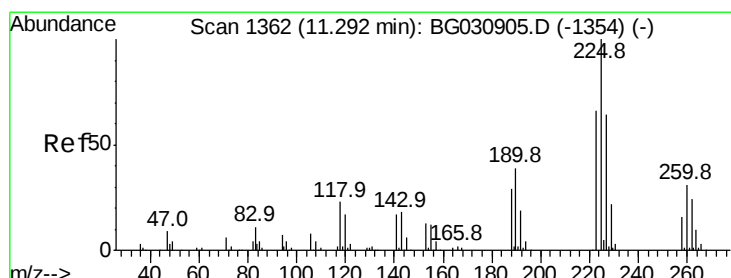
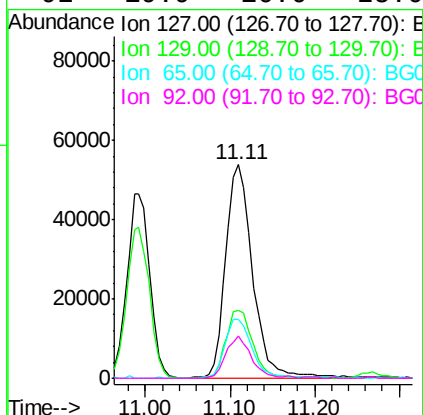
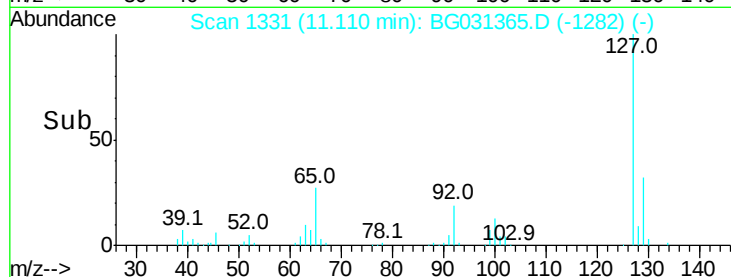
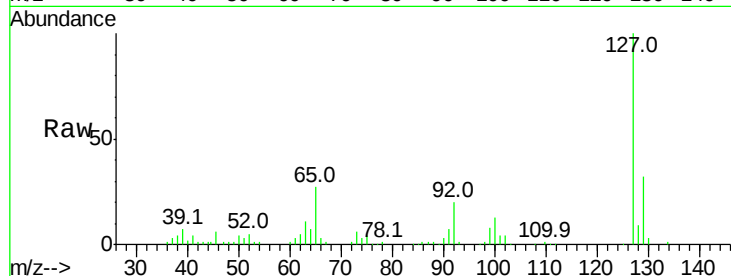




#33
4-Chloroaniline
Concen: 20.094 ng
RT: 11.11 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BG031365.D
Acq: 5 Dec 2017 2:46

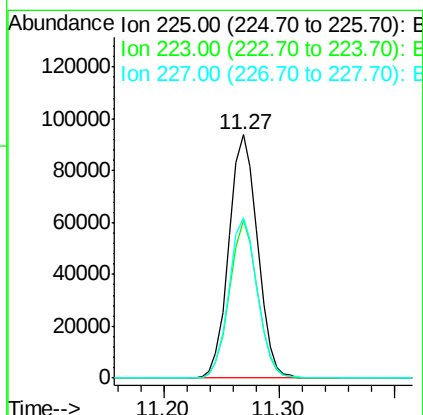
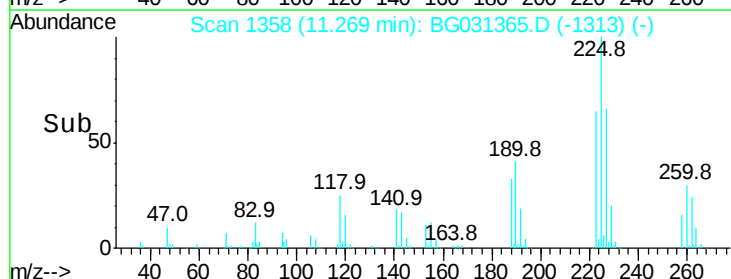
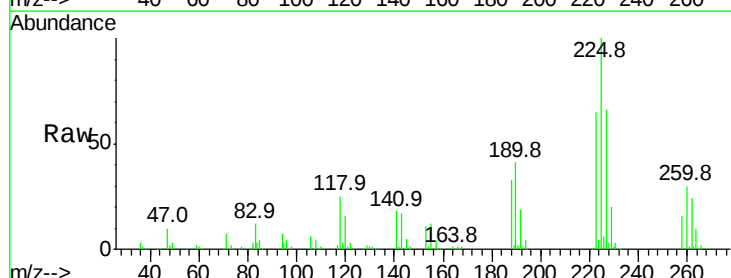
Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-1

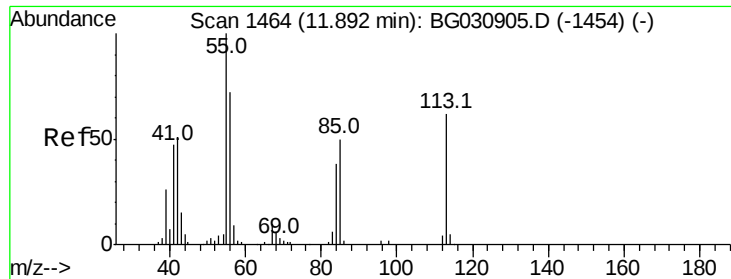
Tot Ion:	127	Resp:	118927
Ion	Ratio	Lower	Upper
127	100		
129	31.9	24.0	36.0
65	27.3	27.0	40.4
92	19.9	16.6	25.0



#34
Hexachlorobutadiene
Concen: 44.242 ng
RT: 11.27 min Scan# 1358
Delta R.T. -0.03 min
Lab File: BG031365.D
Acq: 5 Dec 2017 2:46

Tgt Ion:	225	Resp:	161386
Ion	Ratio	Lower	Upper
225	100		
223	64.9	49.7	74.5
227	66.1	48.1	72.1





#35

Caprolactam

Concen: 21.448 ng

RT: 11.89 min Scan# 1463

Delta R.T. -0.00 min

Lab File: BG031365.D

Acq: 5 Dec 2017 2:46

Instrument :

BNA_G

ClientSampleId :

IDOC-SOIL-1

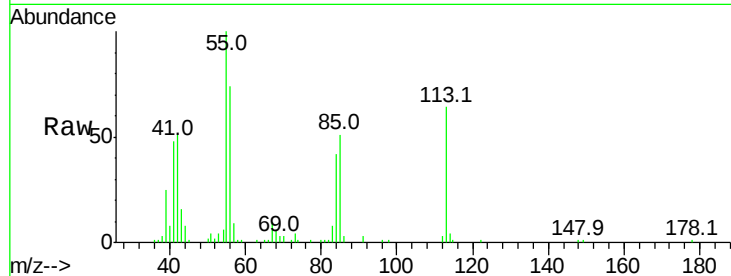
Tot Ion:113 Resp: 38600

Ion Ratio Lower Upper

113 100

55 156.4 186.9 226.9#

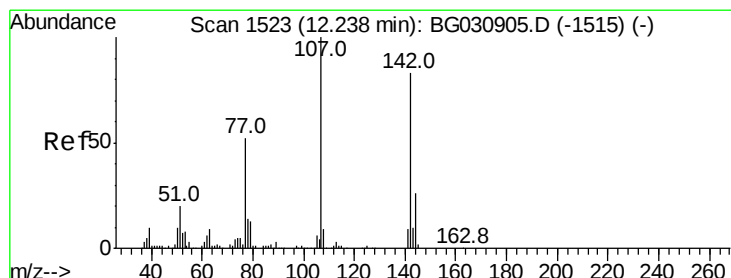
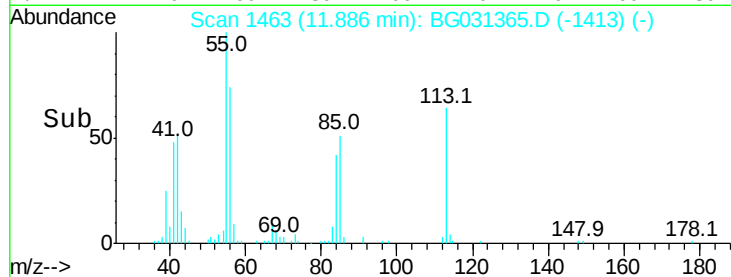
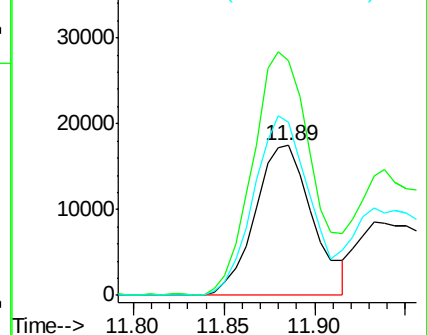
56 115.2 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 50.558 ng

RT: 12.23 min Scan# 1521

Delta R.T. -0.01 min

Lab File: BG031365.D

Acq: 5 Dec 2017 2:46

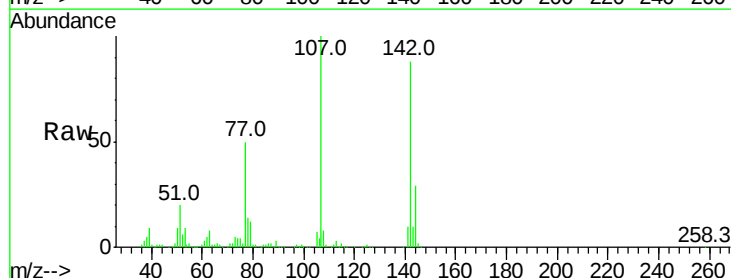
Tgt Ion:107 Resp: 242427

Ion Ratio Lower Upper

107 100

144 28.5 18.2 27.4#

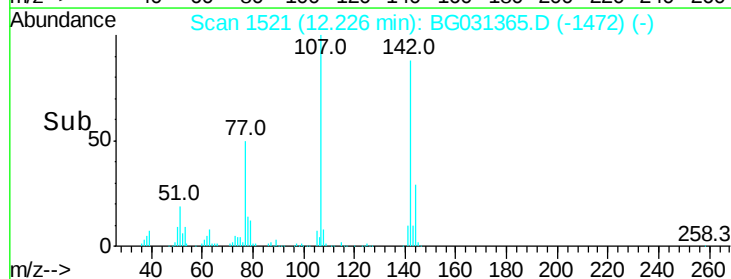
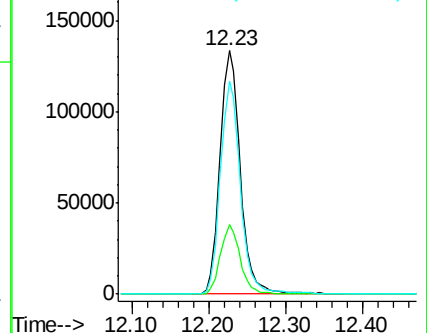
142 87.6 59.0 88.4

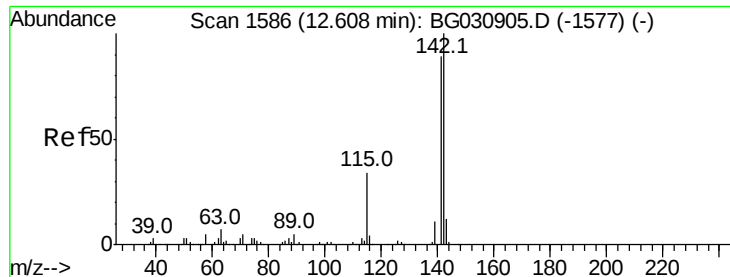


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

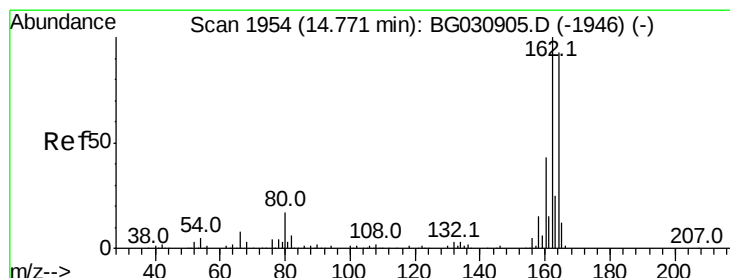
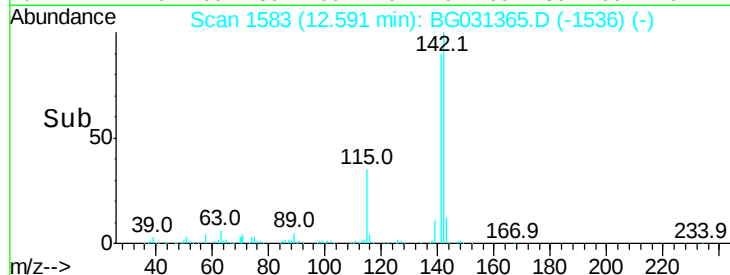
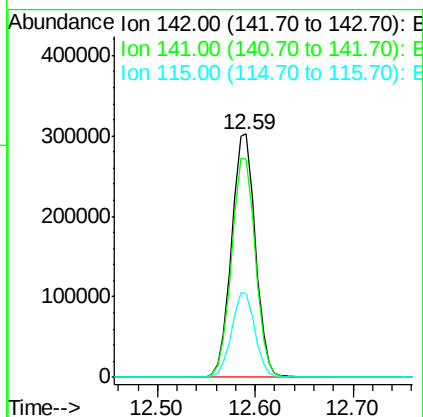
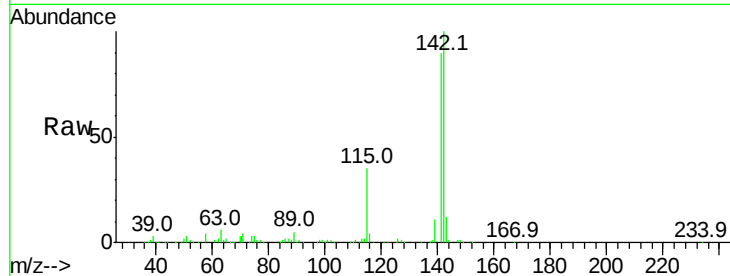




#37
2-Methylnaphthalene
Concen: 49.205 ng
RT: 12.59 min Scan# 1583
Delta R.T. -0.02 min
Lab File: BG031365.D
Acq: 5 Dec 2017 2:46

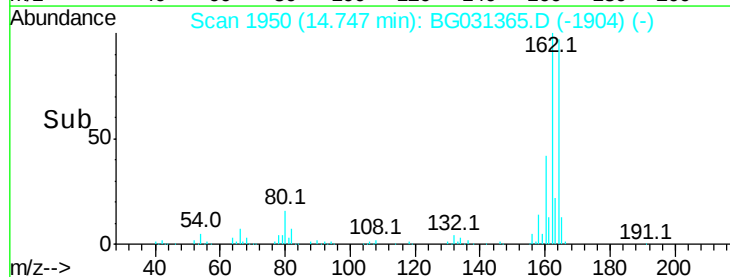
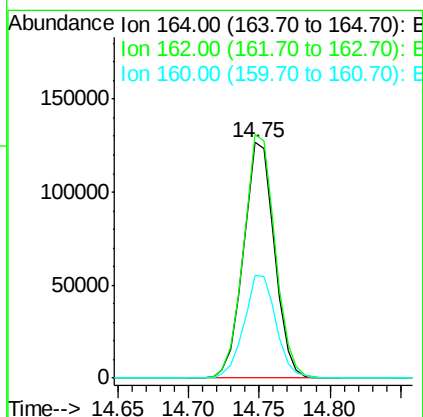
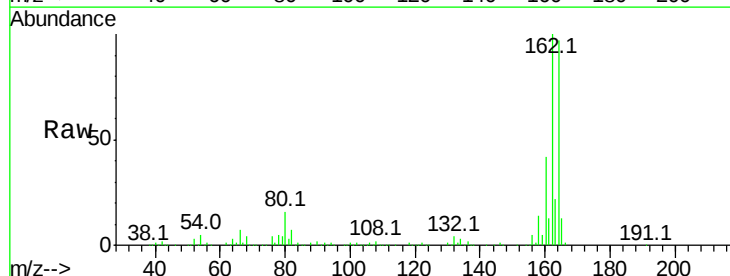
Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-1

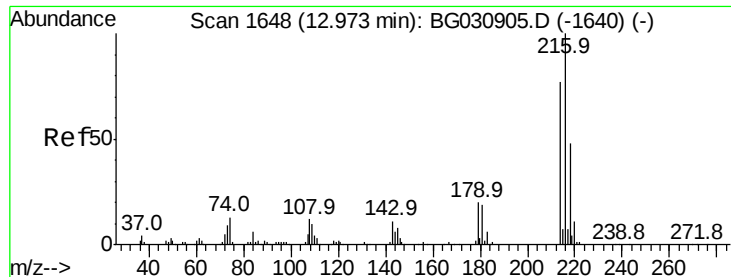
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	67.1	100.7
115	34.6	30.7	46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1950
Delta R.T. -0.03 min
Lab File: BG031365.D
Acq: 5 Dec 2017 2:46

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.3	78.8	118.2
160	43.6	35.4	53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.679 ng

RT: 12.95 min Scan# 1645

Delta R.T. -0.02 min

Lab File: BG031365.D

Acq: 5 Dec 2017 2:46

Instrument :

BNA_G

ClientSampleId :

IDOC-SOIL-1

Tot Ion:216 Resp: 313889

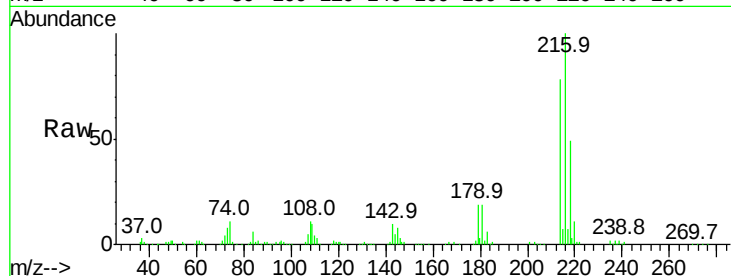
Ion Ratio Lower Upper

216 100

214 77.2 63.0 94.4

179 19.0 17.0 25.6

108 13.6 12.8 19.2

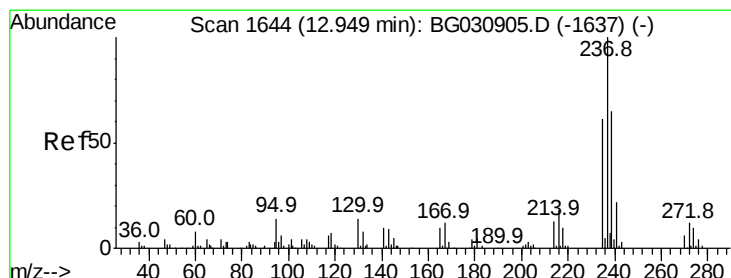
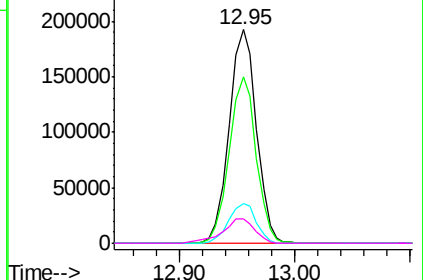
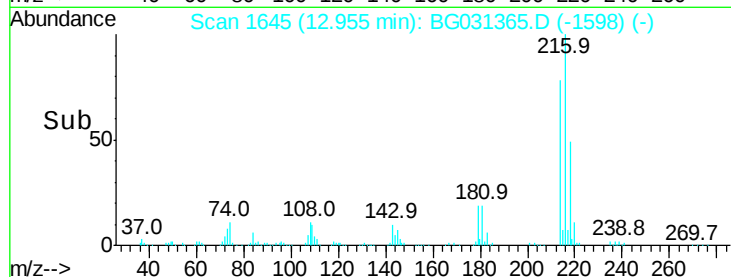


Abundance Ion 216.00 (215.70 to 216.70): E

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: 94.897 ng

RT: 12.93 min Scan# 1640

Delta R.T. -0.03 min

Lab File: BG031365.D

Acq: 5 Dec 2017 2:46

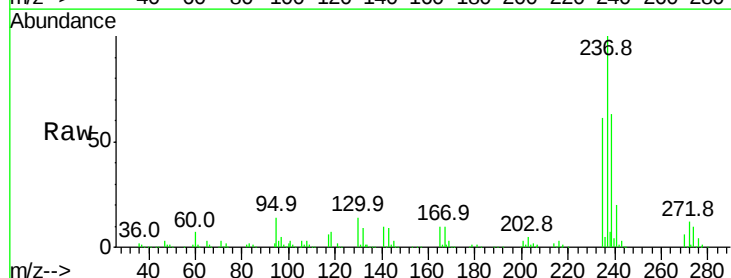
Tgt Ion:237 Resp: 277352

Ion Ratio Lower Upper

237 100

235 61.3 50.4 90.4

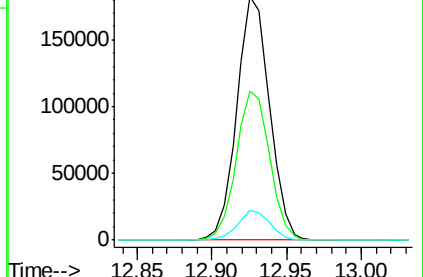
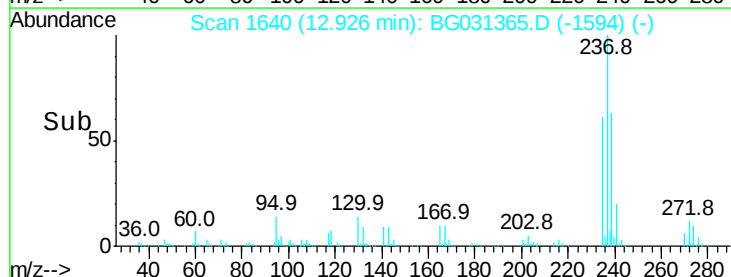
272 12.4 0.0 31.8

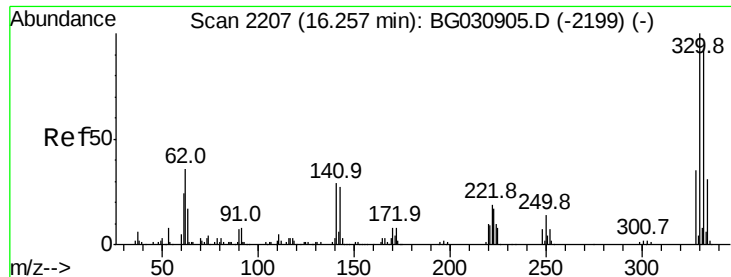


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

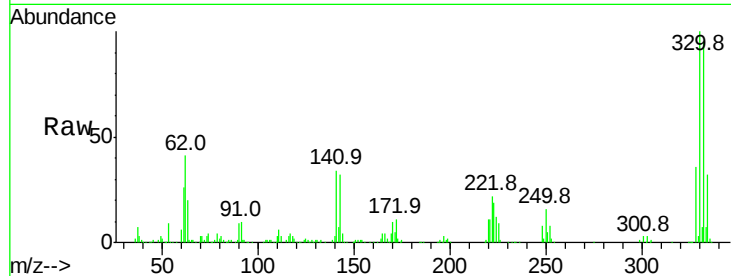




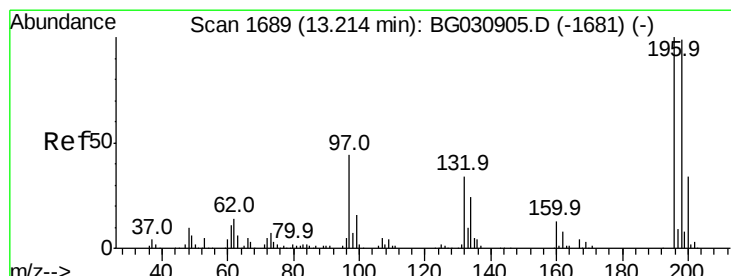
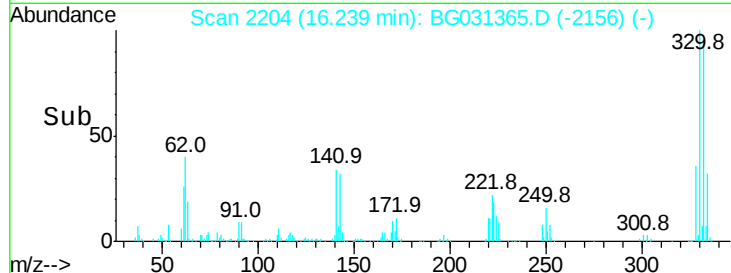
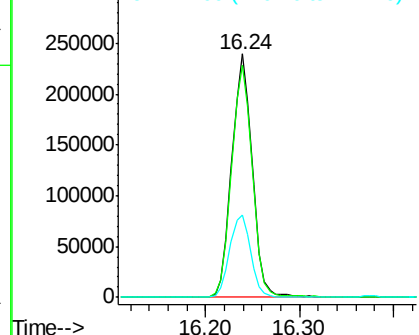
#41
 2,4,6-Tribromophenol
 Concen: 115.182 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. -0.02 min
 Lab File: BG031365.D
 Acq: 5 Dec 2017 2:46

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-SOIL-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	35.2	25.2	37.8

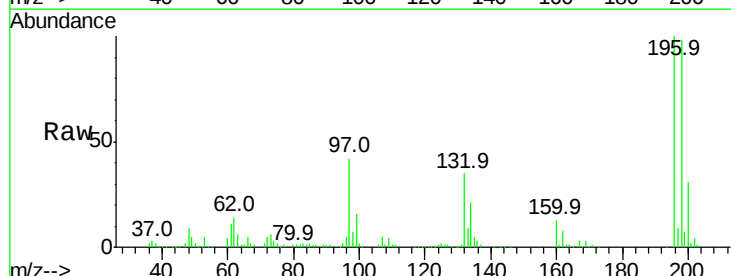


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

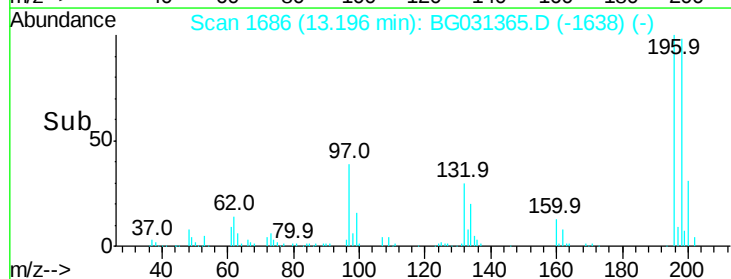
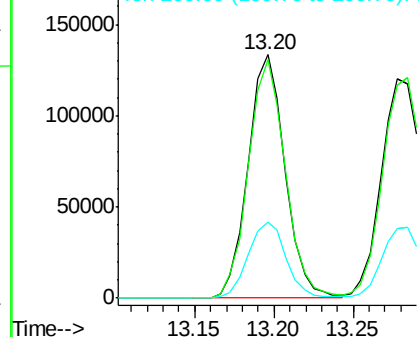


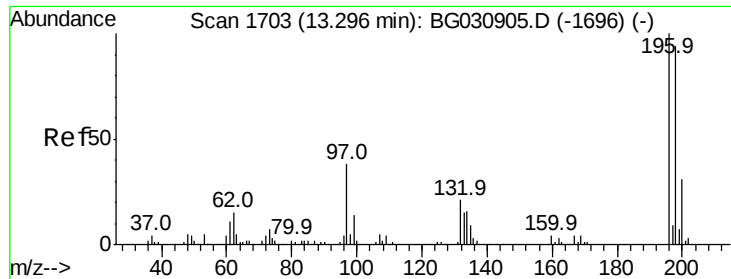
#42
 2,4,6-Trichlorophenol
 Concen: 49.140 ng
 RT: 13.20 min Scan# 1686
 Delta R.T. -0.02 min
 Lab File: BG031365.D
 Acq: 5 Dec 2017 2:46

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.9	78.2	117.2
200	31.0	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

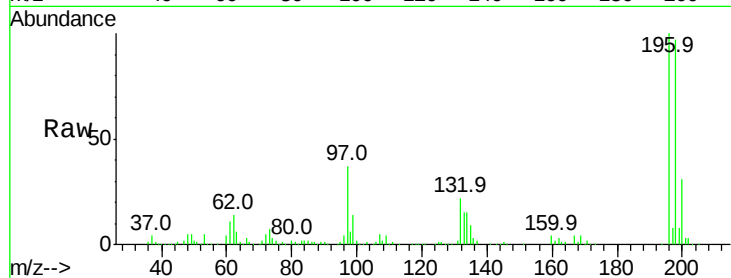




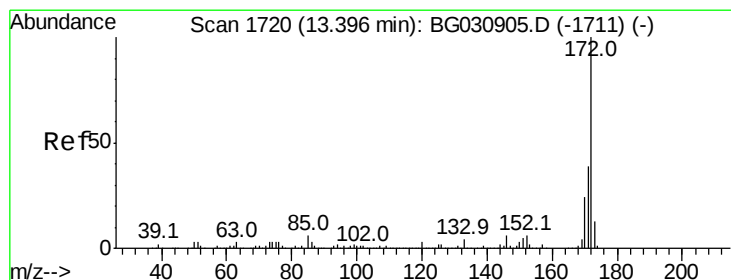
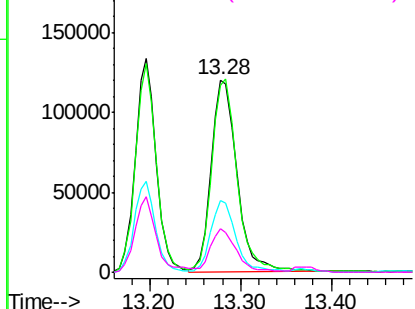
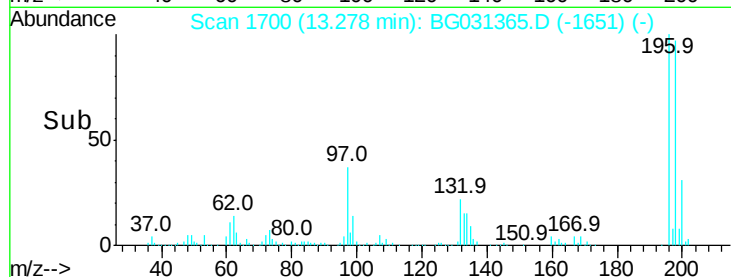
#43
 2,4,5-Trichlorophenol
 Concen: 48.921 ng
 RT: 13.28 min Scan# 1700
 Delta R.T. -0.01 min
 Lab File: BG031365.D
 Acq: 5 Dec 2017 2:46

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-SOIL-1

Tot Ion:196 Resp: 236108
 Ion Ratio Lower Upper
 196 100
 198 97.2 76.2 114.4
 97 37.5 38.7 58.1#
 132 22.3 20.2 30.2

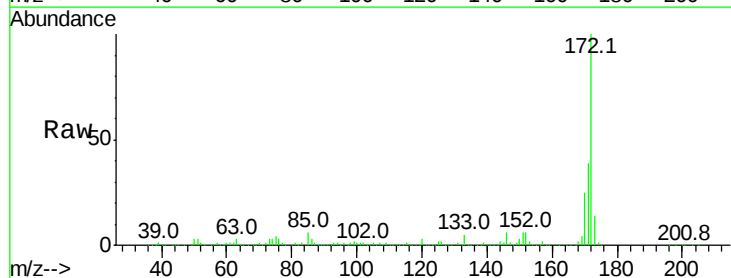


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

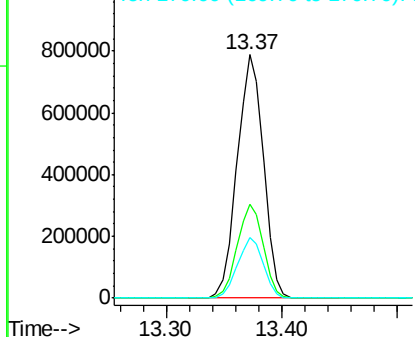
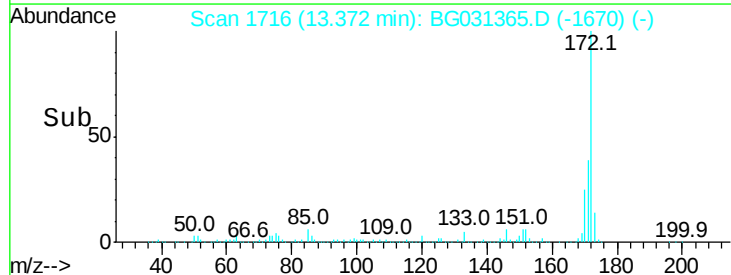


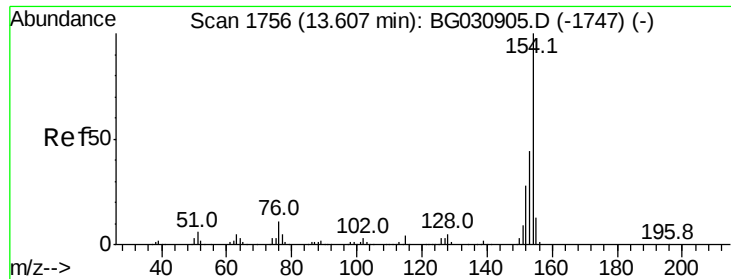
#44
 2-Fluorobiphenyl
 Concen: 91.228 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. -0.03 min
 Lab File: BG031365.D
 Acq: 5 Dec 2017 2:46

Tgt Ion:172 Resp: 1234341
 Ion Ratio Lower Upper
 172 100
 171 38.6 30.0 45.0
 170 24.9 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: 42.292 ng

RT: 13.58 min Scan# 1752

Delta R.T. -0.02 min

Lab File: BG031365.D

Acq: 5 Dec 2017 2:46

Instrument :

BNA_G

ClientSampleId :

IDOC-SOIL-1

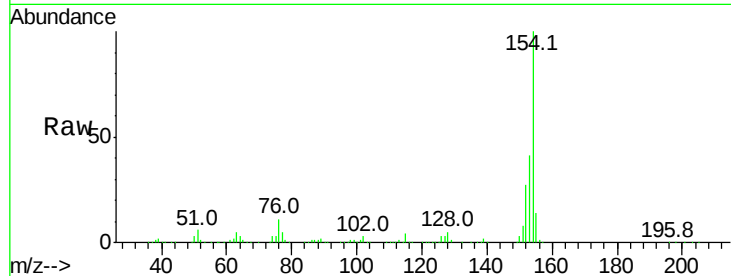
Tot Ion:154 Resp: 681811

Ion Ratio Lower Upper

154 100

153 41.1 19.8 59.8

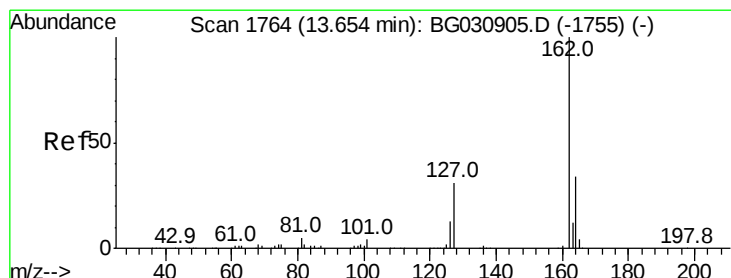
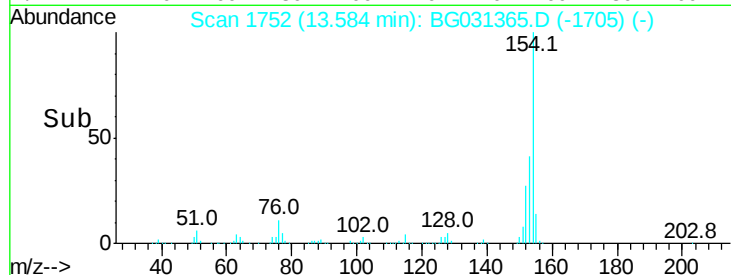
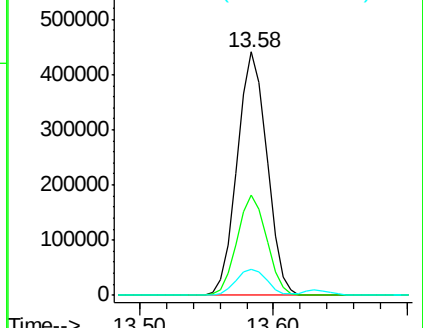
76 10.9 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 48.720 ng

RT: 13.63 min Scan# 1760

Delta R.T. -0.02 min

Lab File: BG031365.D

Acq: 5 Dec 2017 2:46

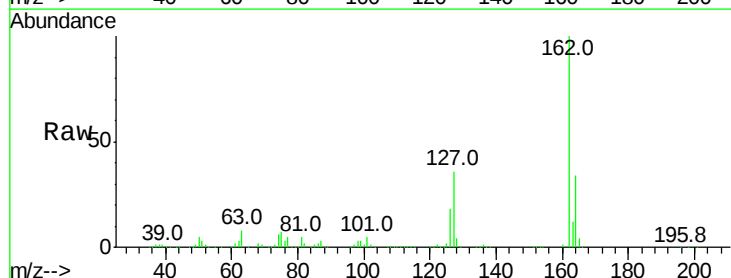
Tgt Ion:162 Resp: 566700

Ion Ratio Lower Upper

162 100

127 35.7 30.7 46.1

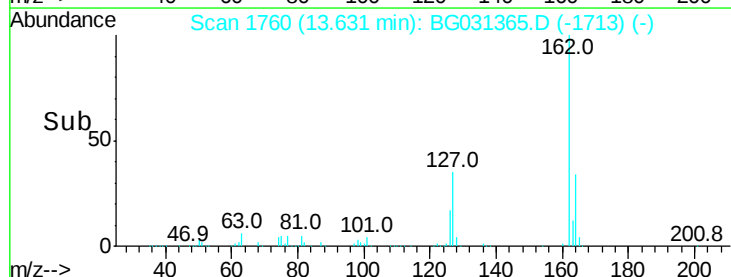
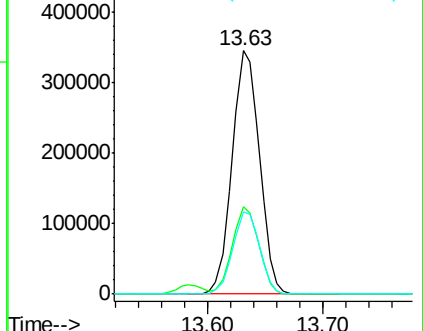
164 33.9 26.0 39.0

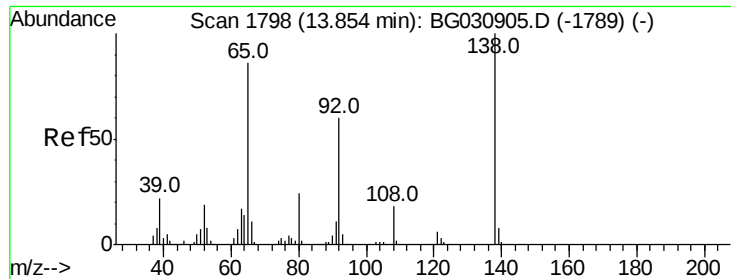


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

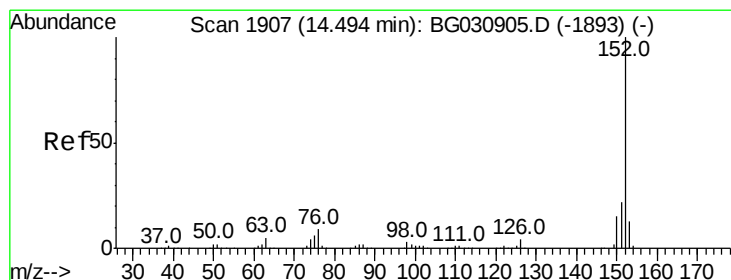
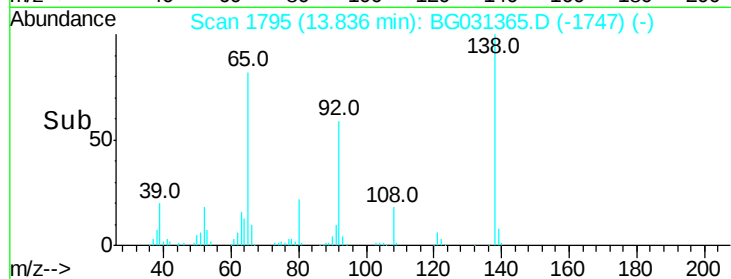
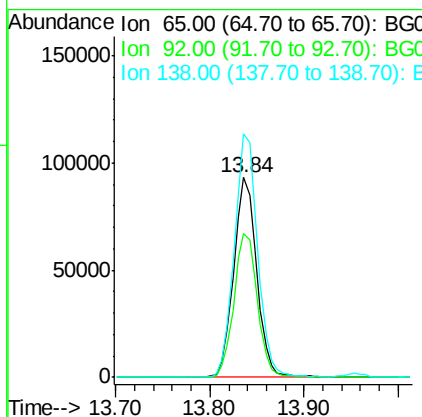
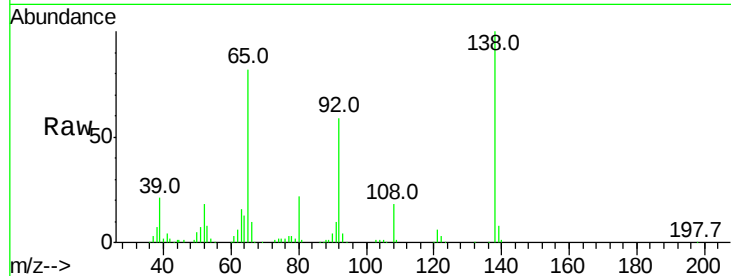




#47
2-Nitroaniline
Concen: 45.980 ng
RT: 13.84 min Scan# 1795
Delta R.T. -0.02 min
Lab File: BG031365.D
Acq: 5 Dec 2017 2:46

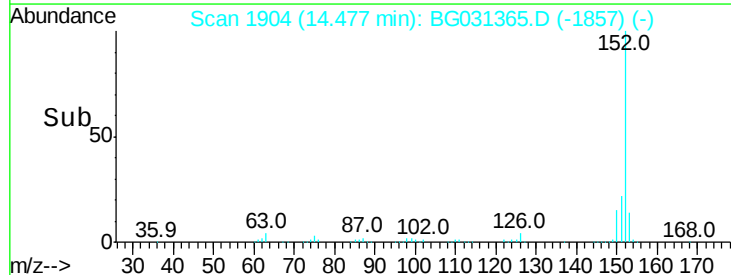
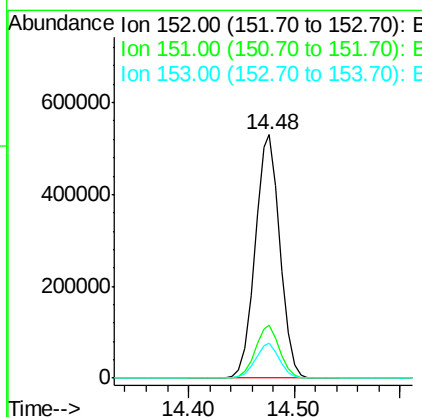
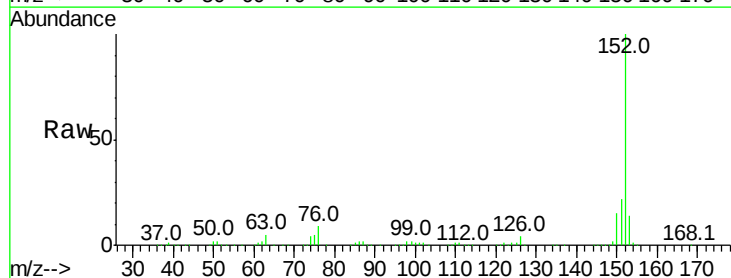
Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-1

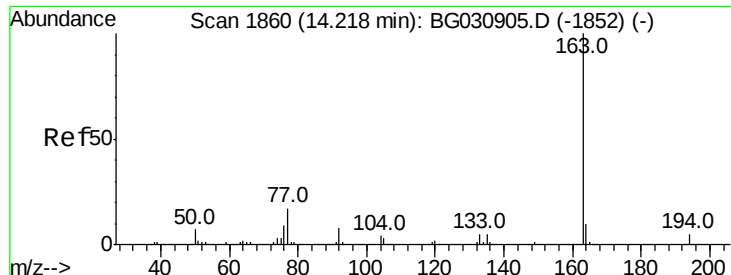
Tot Ion: 65 Resp: 158523
Ion Ratio Lower Upper
65 100
92 71.8 54.6 82.0
138 121.8 72.9 109.3#



#48
Acenaphthylene
Concen: 45.382 ng
RT: 14.48 min Scan# 1904
Delta R.T. -0.02 min
Lab File: BG031365.D
Acq: 5 Dec 2017 2:46

Tgt Ion: 152 Resp: 863989
Ion Ratio Lower Upper
152 100
151 21.6 17.2 25.8
153 14.3 10.2 15.4





#49

Dimethylphthalate

Concen: 50.872 ng

RT: 14.20 min Scan# 1857

Delta R.T. -0.02 min

Lab File: BG031365.D

Acq: 5 Dec 2017 2:46

Instrument :

BNA_G

ClientSampleId :

IDOC-SOIL-1

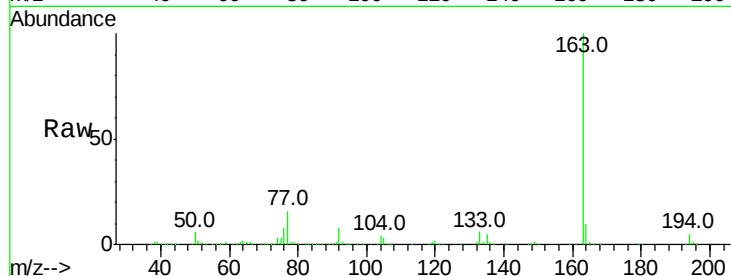
Tot Ion:163 Resp: 855159

Ion Ratio Lower Upper

163 100

194 5.0 3.4 5.2

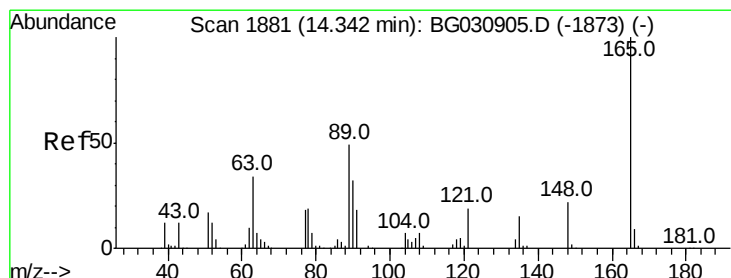
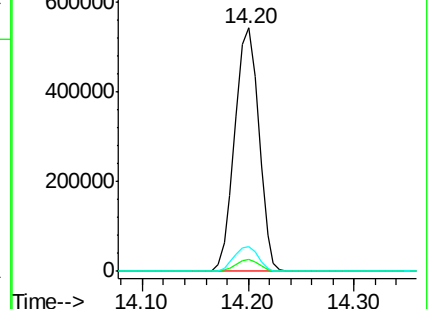
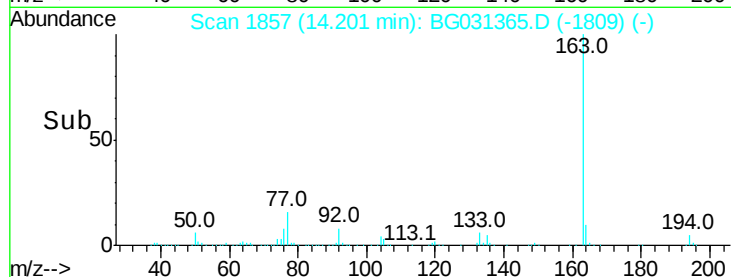
164 10.4 8.2 12.4



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: 50.996 ng

RT: 14.32 min Scan# 1878

Delta R.T. -0.02 min

Lab File: BG031365.D

Acq: 5 Dec 2017 2:46

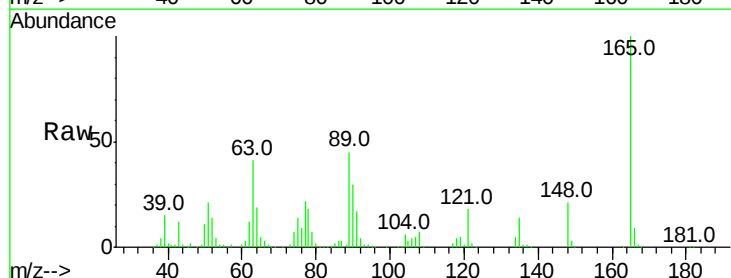
Tgt Ion:165 Resp: 176689

Ion Ratio Lower Upper

165 100

63 41.2 52.7 79.1#

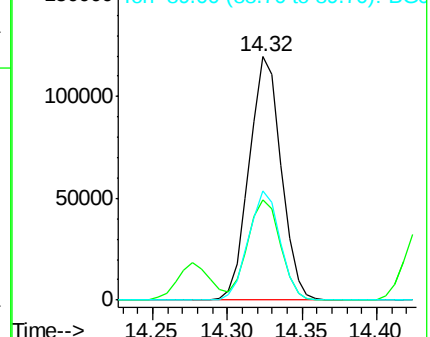
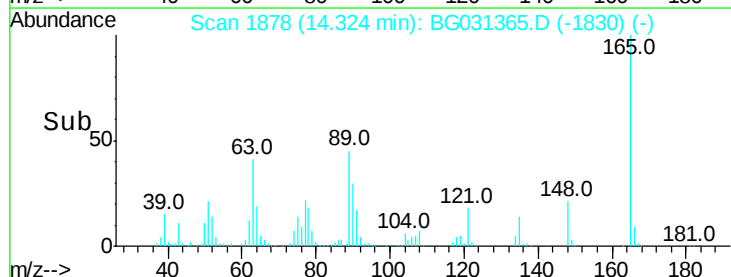
89 44.6 49.2 73.8#

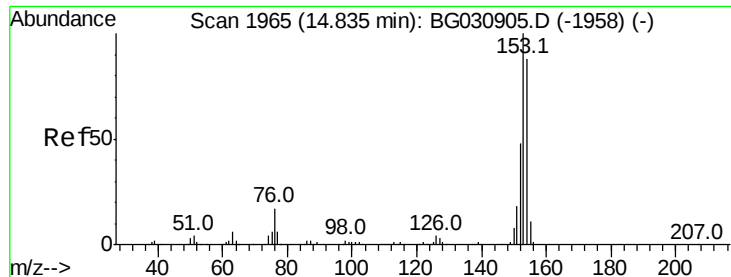


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 45.562 ng

RT: 14.81 min Scan# 1961

Delta R.T. -0.02 min

Lab File: BG031365.D

Acq: 5 Dec 2017 2:46

Instrument :

BNA_G

ClientSampleId :

IDOC-SOIL-1

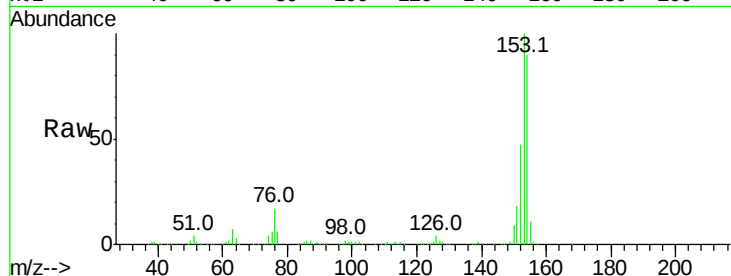
Tot Ion:154 Resp: 541726

Ion Ratio Lower Upper

154 100

153 110.8 90.4 135.6

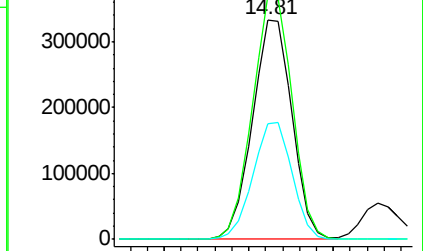
152 52.4 41.6 62.4



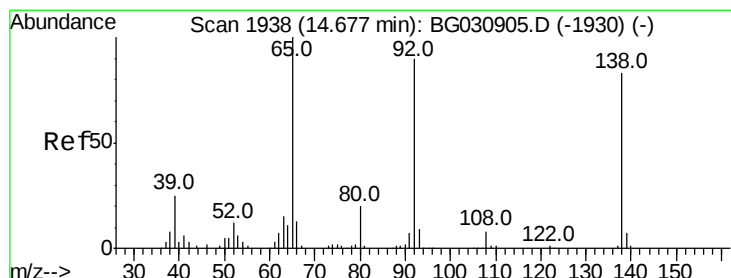
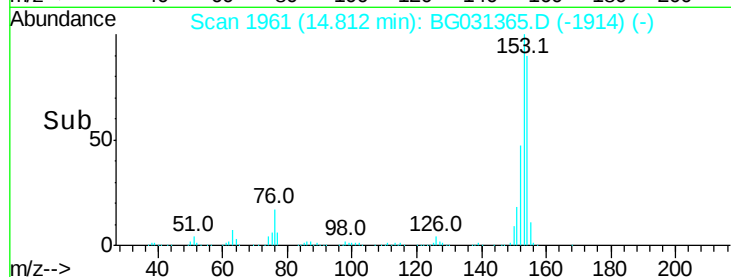
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



Time-->



#52

3-Nitroaniline

Concen: 32.048 ng

RT: 14.66 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BG031365.D

Acq: 5 Dec 2017 2:46

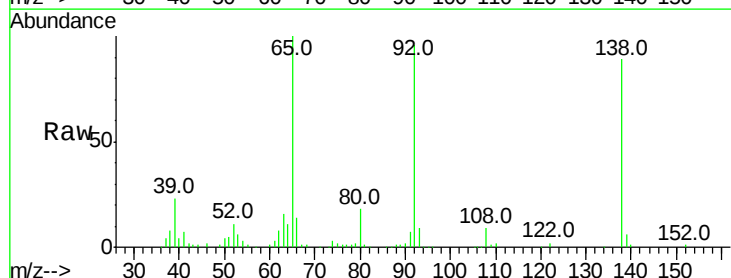
Tgt Ion:138 Resp: 117903

Ion Ratio Lower Upper

138 100

108 9.7 17.5 26.3#

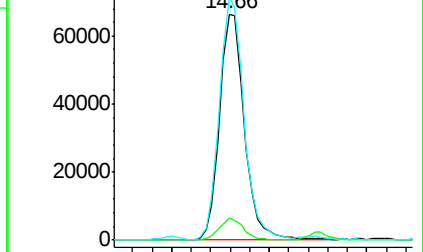
92 107.8 105.8 158.8



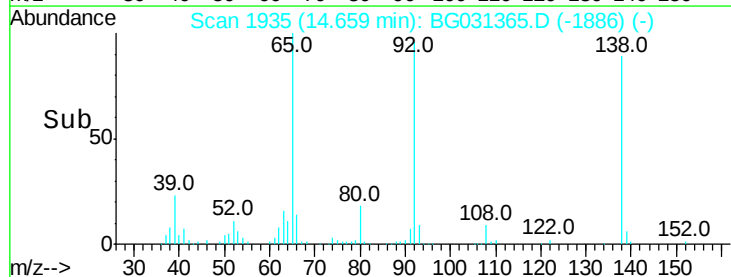
Abundance Ion 138.00 (137.70 to 138.70): E

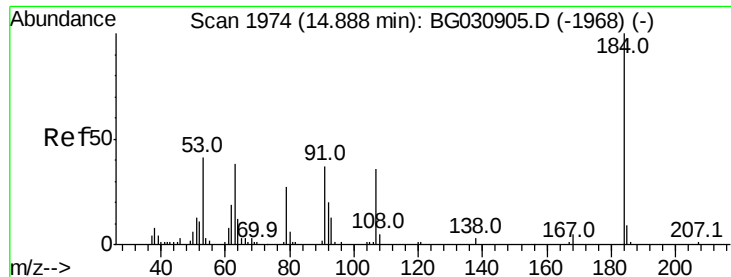
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



Time-->

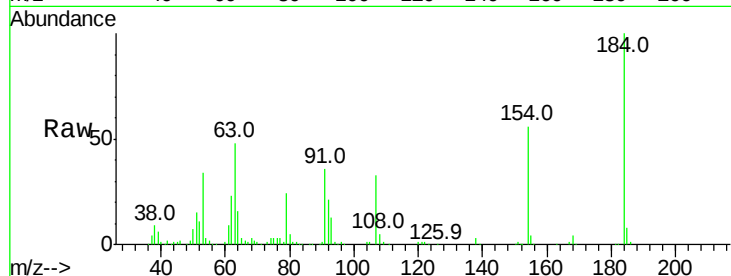




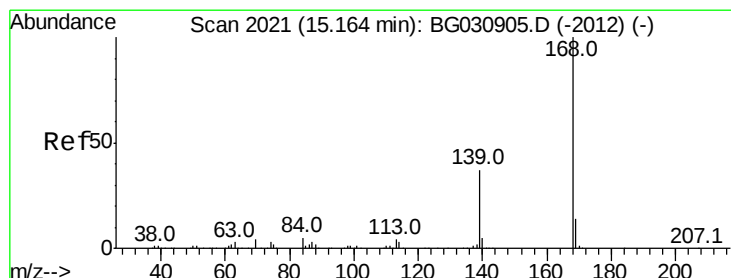
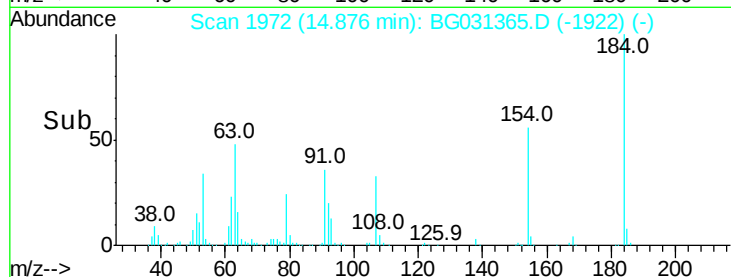
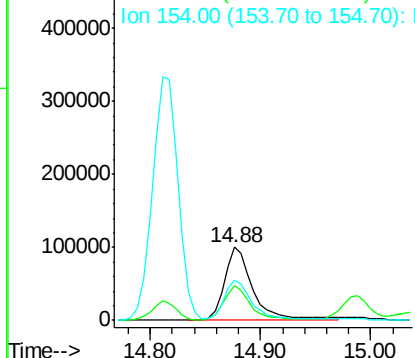
#53
2,4-Dinitrophenol
Concen: 94.789 ng
RT: 14.88 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BG031365.D
Acq: 5 Dec 2017 2:46

Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-1

Tot Ion:184 Resp: 182913
Ion Ratio Lower Upper
184 100
63 48.1 59.8 89.8#
154 55.6 101.8 152.8#

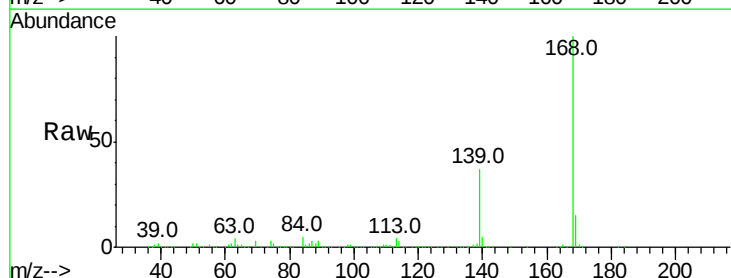


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

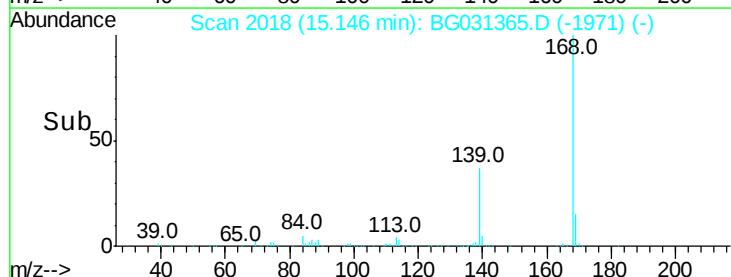
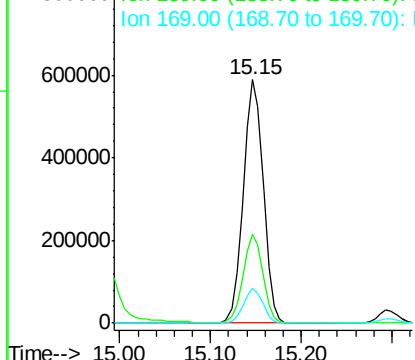


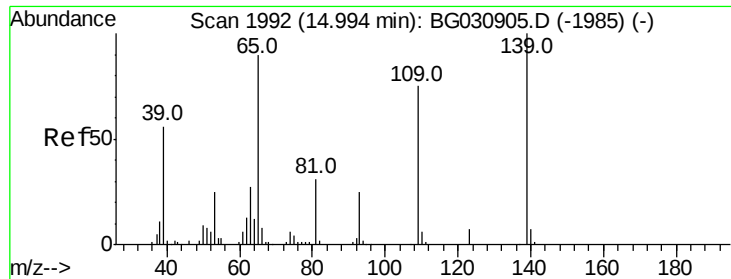
#54
Dibenzofuran
Concen: 47.262 ng
RT: 15.15 min Scan# 2018
Delta R.T. -0.02 min
Lab File: BG031365.D
Acq: 5 Dec 2017 2:46

Tgt Ion:168 Resp: 895066
Ion Ratio Lower Upper
168 100
139 36.5 28.6 43.0
169 14.5 11.2 16.8



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

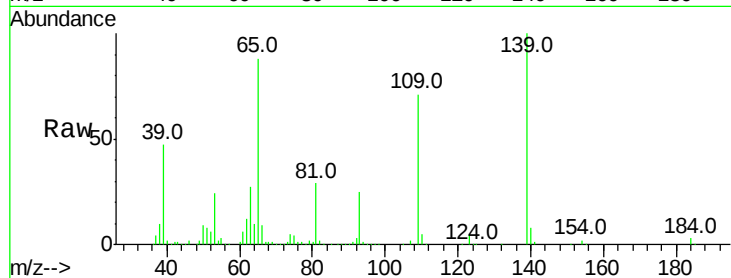




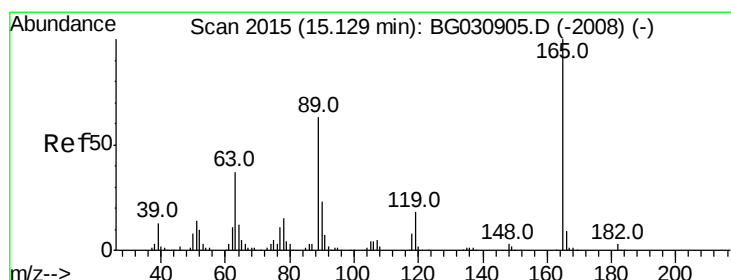
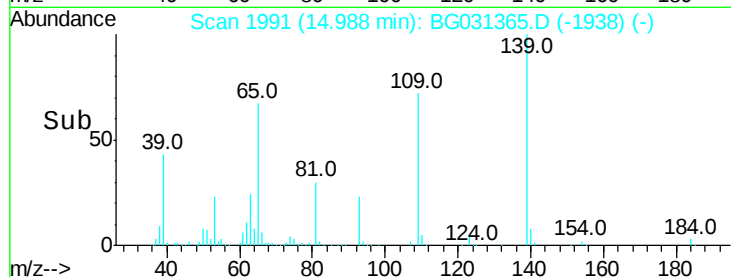
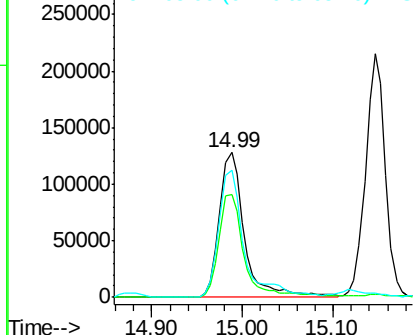
#55
4-Nitrophenol
Concen: 95.015 ng
RT: 14.99 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BG031365.D
Acq: 5 Dec 2017 2:46

Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-1

Tot Ion:139 Resp: 249005
Ion Ratio Lower Upper
139 100
109 71.3 62.2 102.2
65 87.8 97.2 137.2#

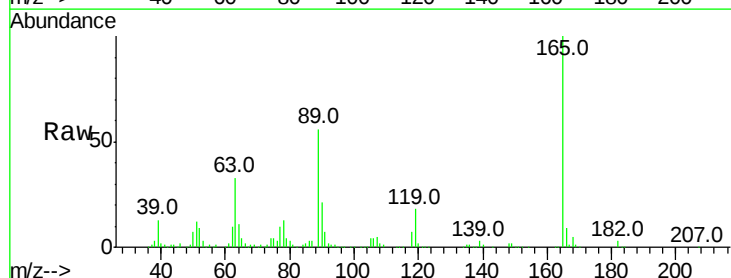


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

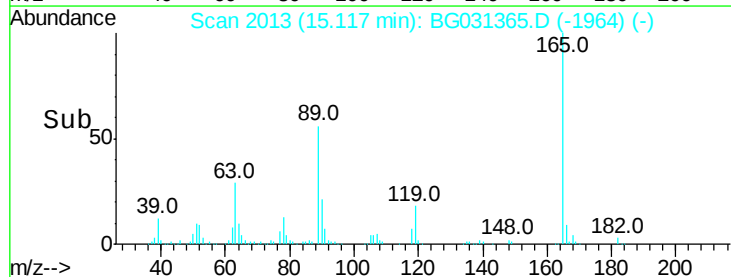
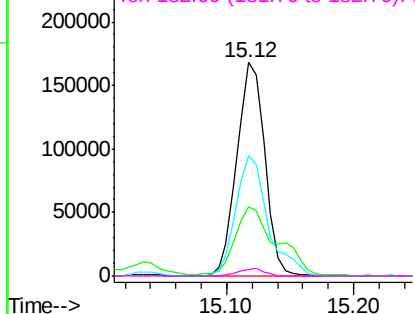


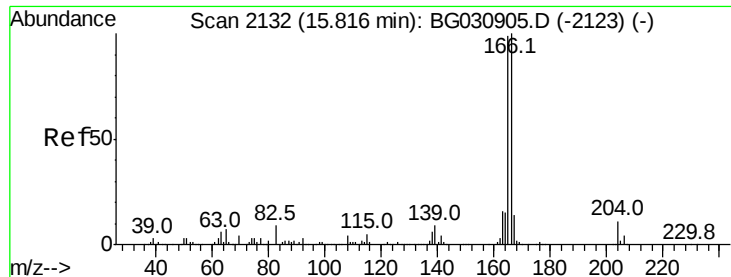
#56
2,4-Dinitrotoluene
Concen: 51.250 ng
RT: 15.12 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BG031365.D
Acq: 5 Dec 2017 2:46

Tgt Ion:165 Resp: 256709
Ion Ratio Lower Upper
165 100
63 32.5 42.0 63.0#
89 56.3 66.9 100.3#
182 3.1 2.6 3.8



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

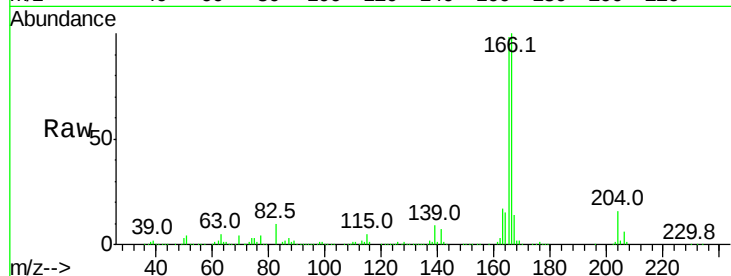




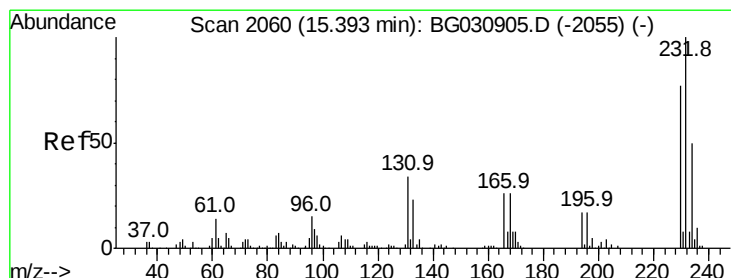
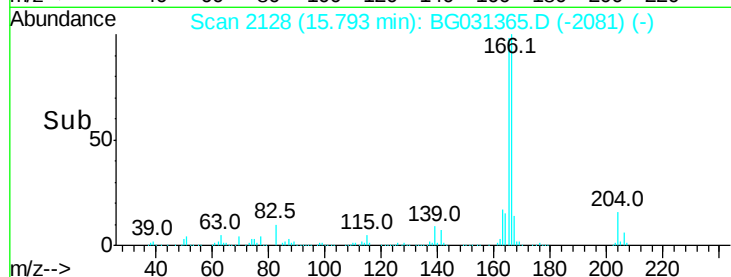
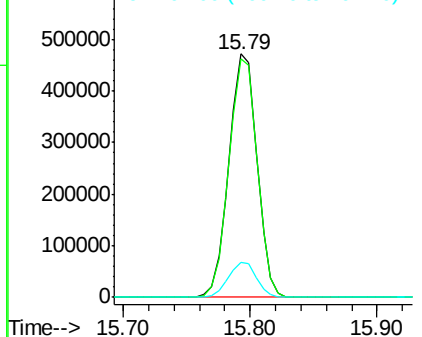
#57
 Fluorene
 Concen: 46.790 ng
 RT: 15.79 min Scan# 2128
 Delta R.T. -0.02 min
 Lab File: BG031365.D
 Acq: 5 Dec 2017 2:46

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-SOIL-1

Tot Ion:166 Resp: 719424
 Ion Ratio Lower Upper
 166 100
 165 98.0 80.6 121.0
 167 14.3 10.4 15.6



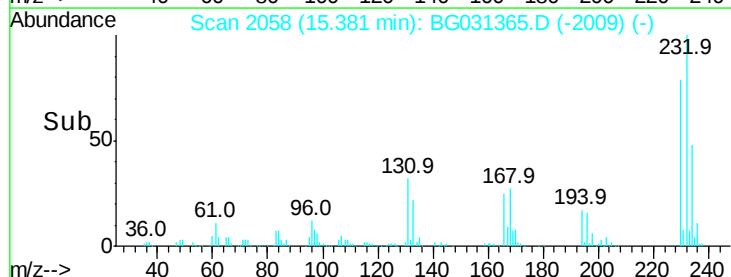
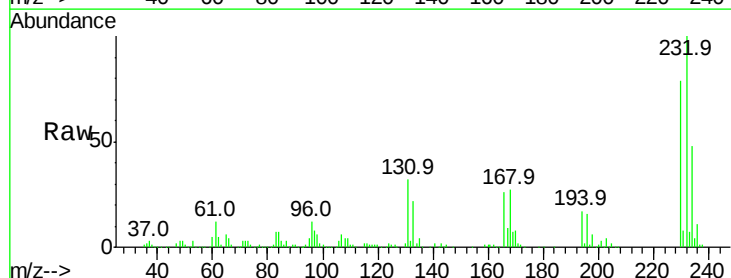
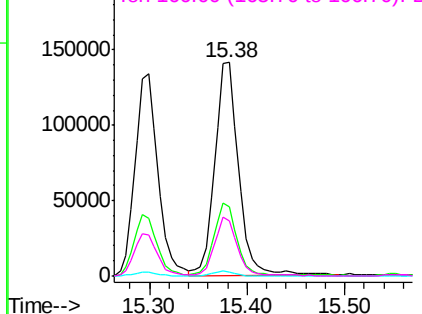
Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

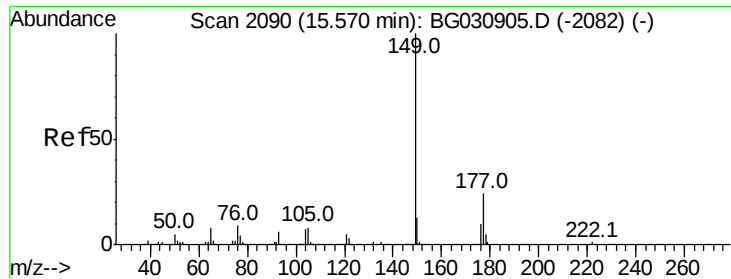


#58
 2,3,4,6-Tetrachlorophenol
 Concen: 51.549 ng
 RT: 15.38 min Scan# 2058
 Delta R.T. -0.01 min
 Lab File: BG031365.D
 Acq: 5 Dec 2017 2:46

Tgt Ion:232 Resp: 237118
 Ion Ratio Lower Upper
 232 100
 131 32.8 33.5 50.3#
 130 2.1 2.2 3.2#
 166 26.1 24.8 37.2

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





#59

Diethylphthalate

Concen: 44.951 ng

RT: 15.55 min Scan# 2087

Delta R.T. -0.02 min

Lab File: BG031365.D

Acq: 5 Dec 2017 2:46

Instrument :

BNA_G

ClientSampleId :

IDOC-SOIL-1

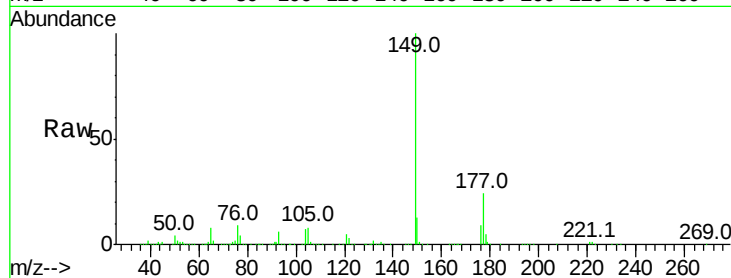
Tot Ion:149 Resp: 767553

Ion Ratio Lower Upper

149 100

177 24.2 18.5 27.7

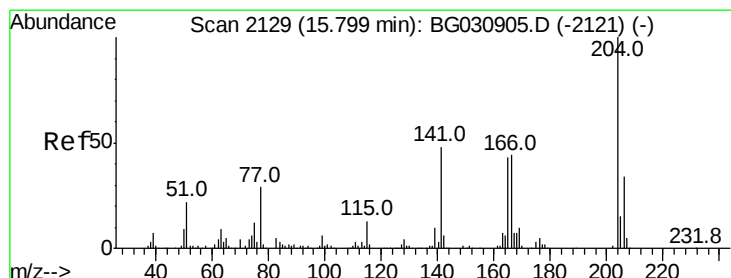
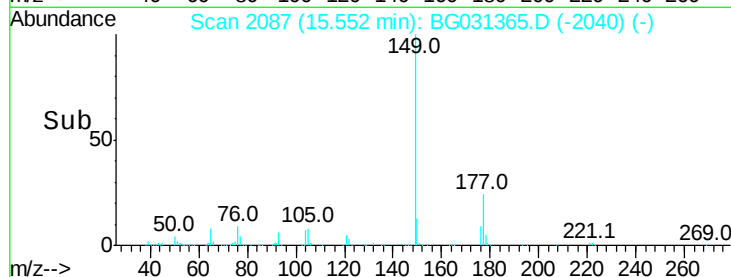
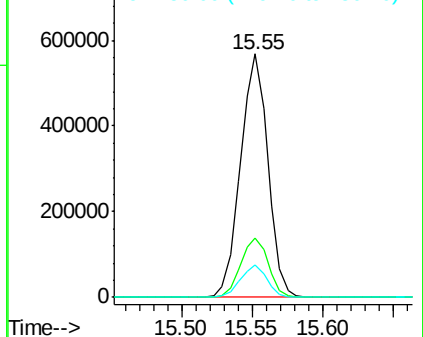
150 13.1 10.2 15.2



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: 46.448 ng

RT: 15.78 min Scan# 2125

Delta R.T. -0.03 min

Lab File: BG031365.D

Acq: 5 Dec 2017 2:46

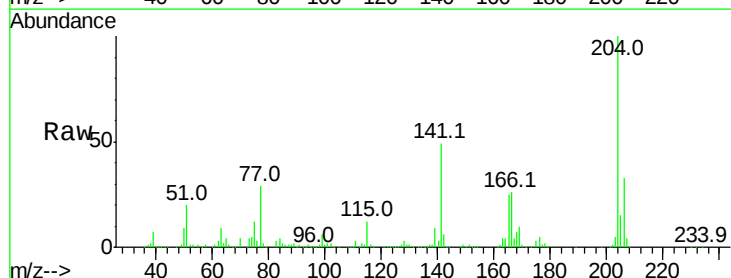
Tgt Ion:204 Resp: 431318

Ion Ratio Lower Upper

204 100

206 33.2 26.2 39.2

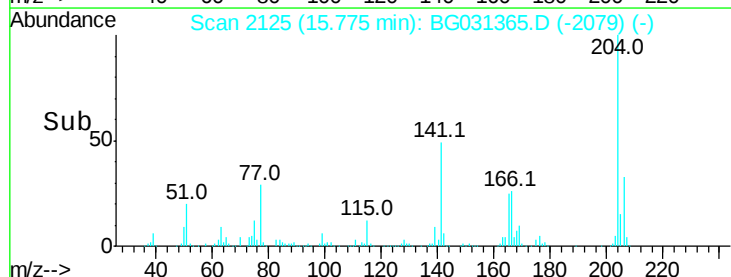
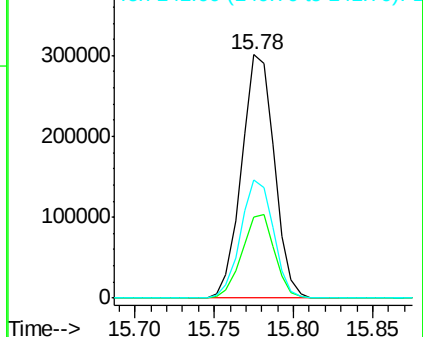
141 48.6 45.8 68.6

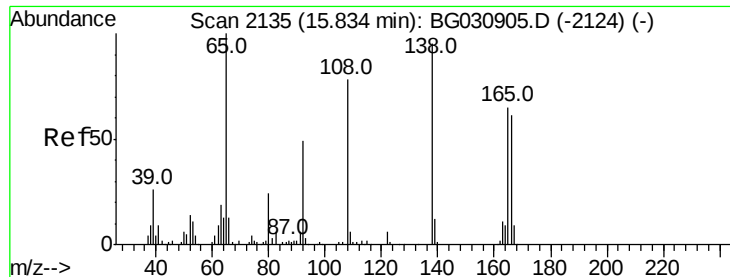


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 46.821 ng

RT: 15.83 min Scan# 2134

Delta R.T. -0.00 min

Lab File: BG031365.D

Acq: 5 Dec 2017 2:46

Instrument :

BNA_G

ClientSampleId :

IDOC-SOIL-1

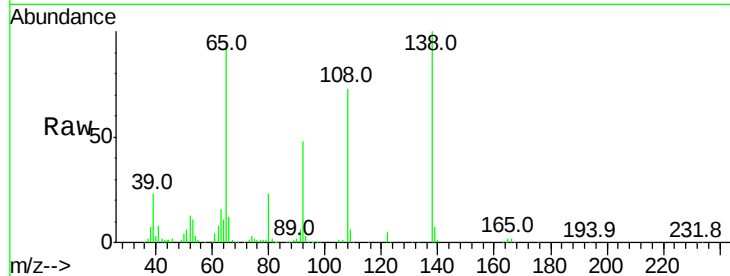
Tot Ion:138 Resp: 182400

Ion Ratio Lower Upper

138 100

92 48.1 40.1 80.1

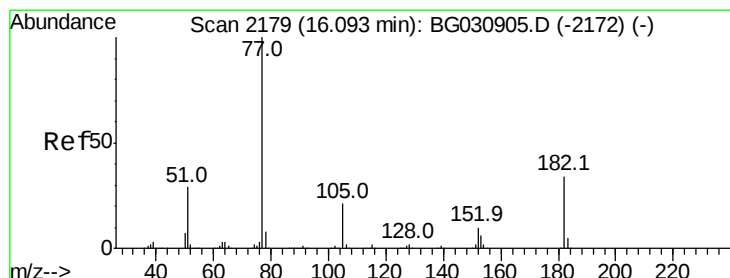
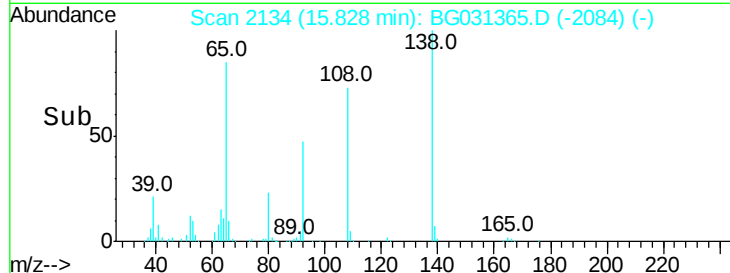
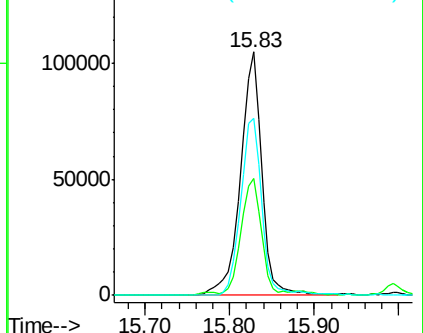
108 72.6 65.4 105.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 46.639 ng

RT: 16.07 min Scan# 2176

Delta R.T. -0.02 min

Lab File: BG031365.D

Acq: 5 Dec 2017 2:46

Tgt Ion: 77 Resp: 607343

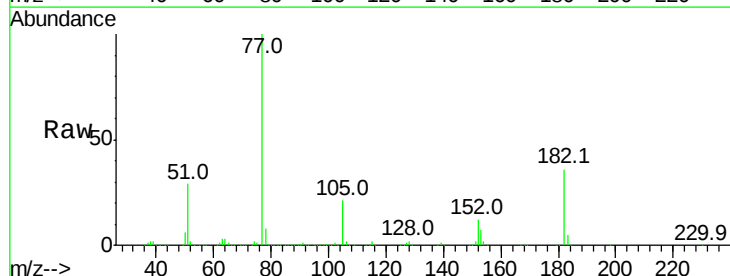
Ion Ratio Lower Upper

77 100

182 36.2 7.4 47.4

105 21.4 0.3 40.3

51 28.8 11.6 51.6

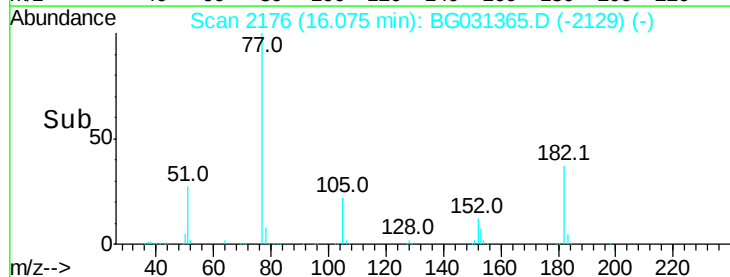
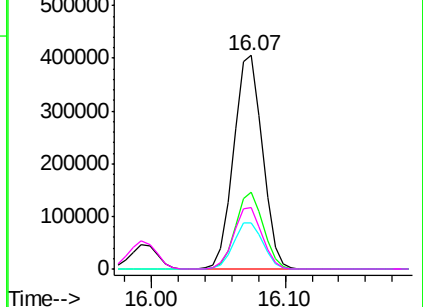


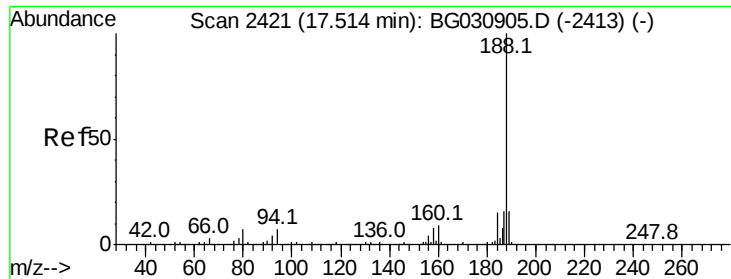
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC

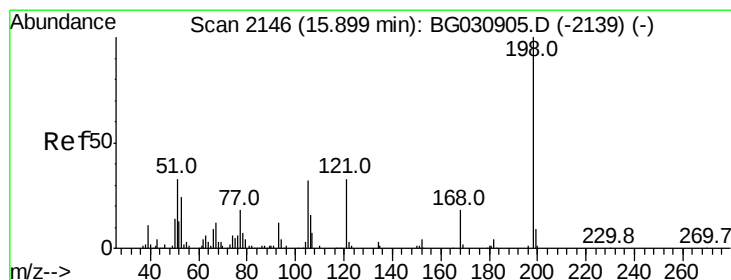
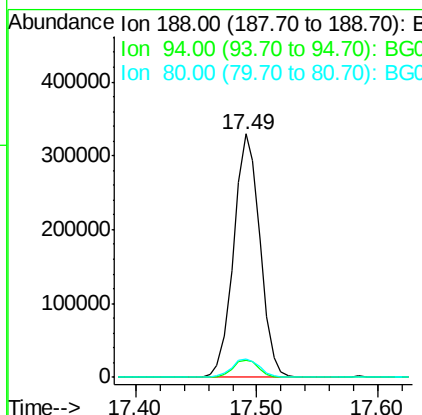
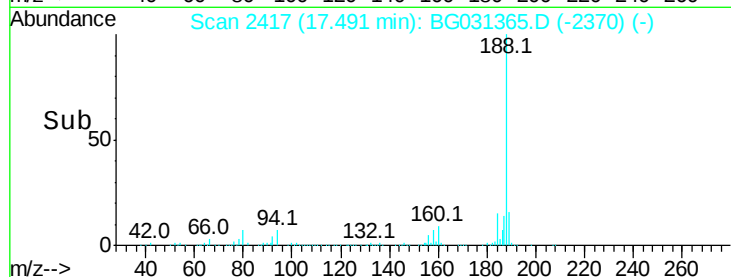
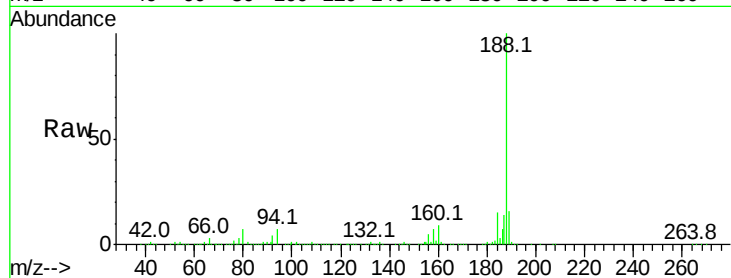




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.02 min
Lab File: BG031365.D
Acq: 5 Dec 2017 2:46

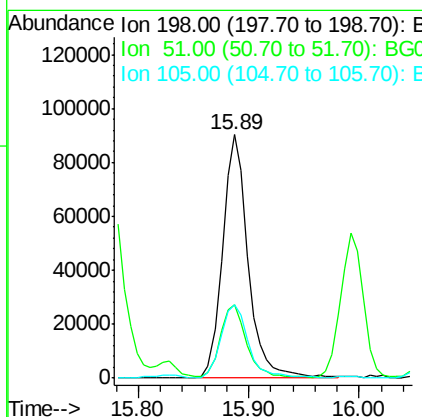
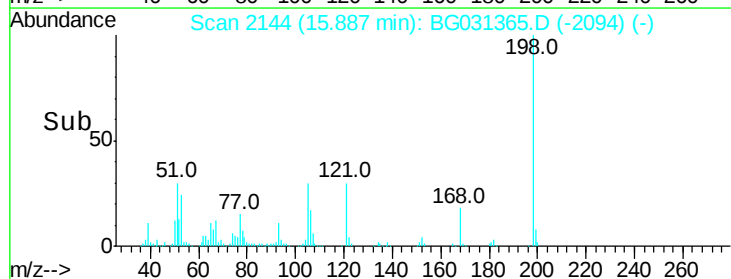
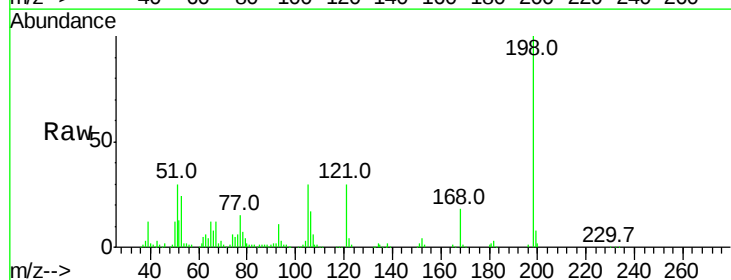
Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-1

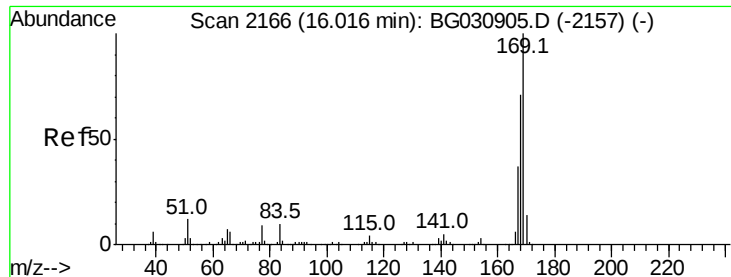
Tot Ion:188 Resp: 498601
Ion Ratio Lower Upper
188 100
94 6.9 6.9 10.3
80 7.4 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 44.002 ng
RT: 15.89 min Scan# 2144
Delta R.T. -0.00 min
Lab File: BG031365.D
Acq: 5 Dec 2017 2:46

Tgt Ion:198 Resp: 145829
Ion Ratio Lower Upper
198 100
51 30.1 30.6 70.6#
105 30.2 23.8 63.8

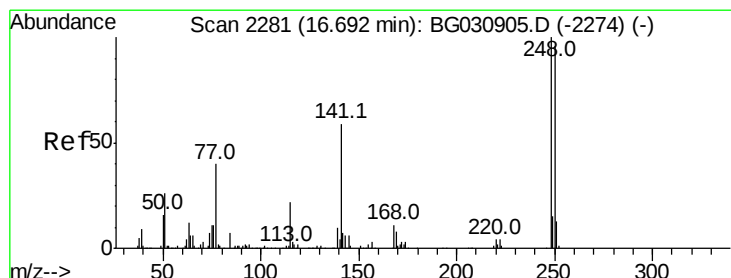
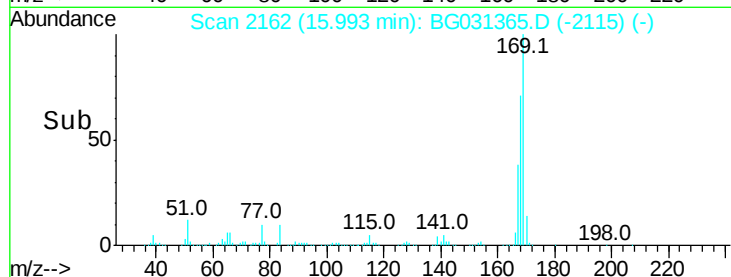
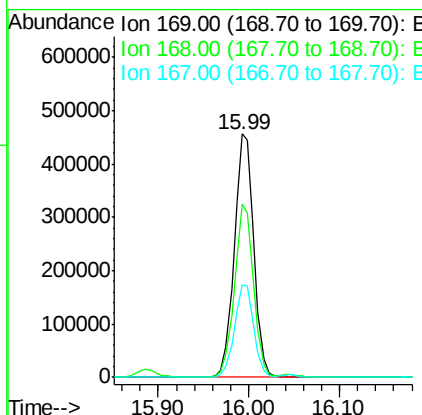
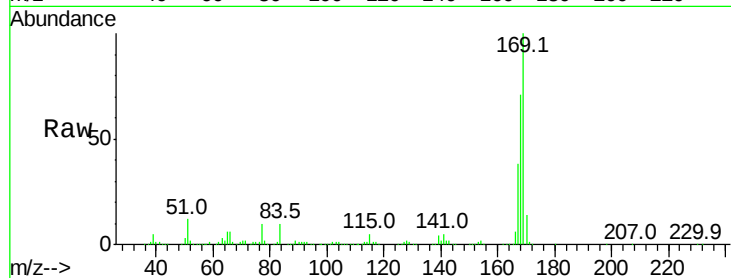




#65
n-Nitrosodiphenylamine
Concen: 45.308 ng
RT: 15.99 min Scan# 2162
Delta R.T. -0.02 min
Lab File: BG031365.D
Acq: 5 Dec 2017 2:46

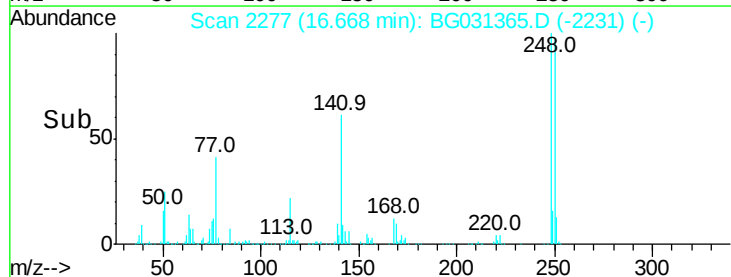
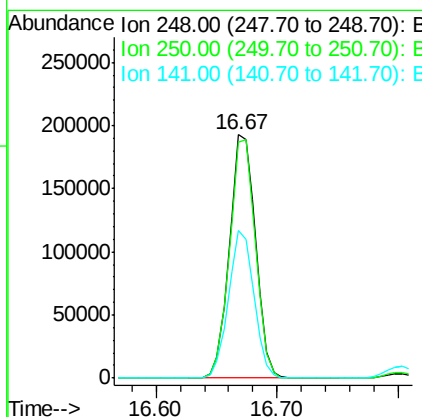
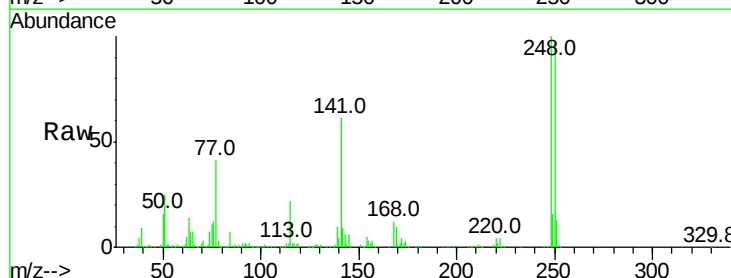
Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-1

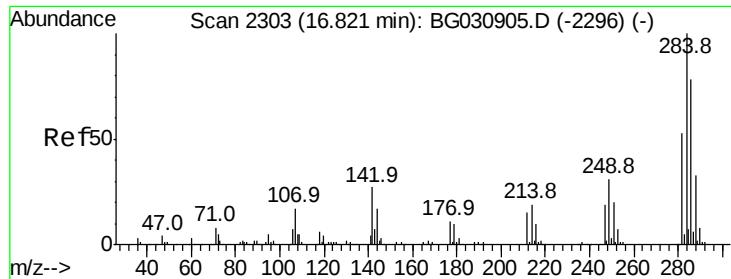
Tot Ion:169 Resp: 684548
Ion Ratio Lower Upper
169 100
168 71.2 55.7 83.5
167 37.8 30.1 45.1



#66
4-Bromophenyl-phenylether
Concen: 45.841 ng
RT: 16.67 min Scan# 2277
Delta R.T. -0.03 min
Lab File: BG031365.D
Acq: 5 Dec 2017 2:46

Tgt Ion:248 Resp: 289483
Ion Ratio Lower Upper
248 100
250 97.1 77.1 115.7
141 60.7 50.8 76.2

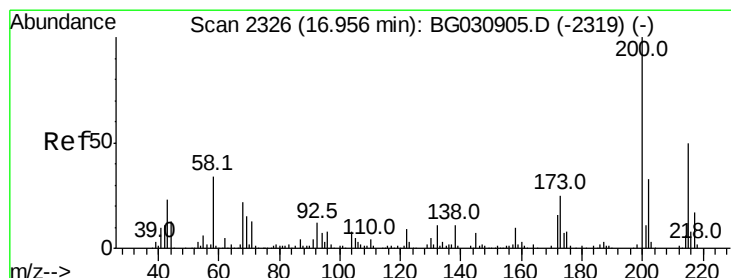
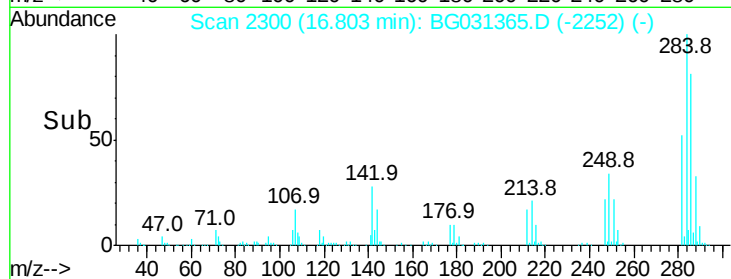
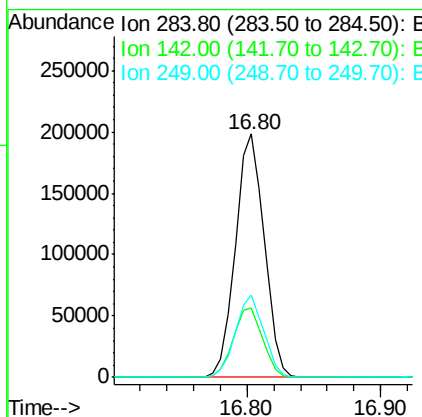
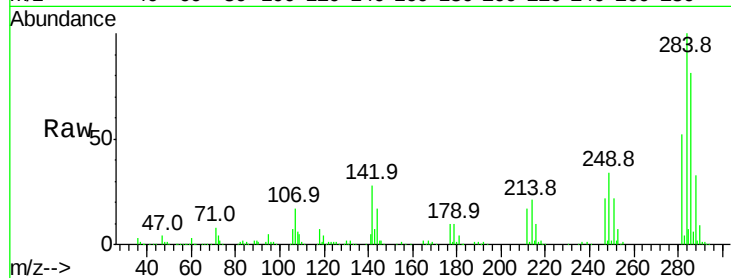




#67
Hexachlorobenzene
Concen: 44.125 ng
RT: 16.80 min Scan# 2300
Delta R.T. -0.02 min
Lab File: BG031365.D
Acq: 5 Dec 2017 2:46

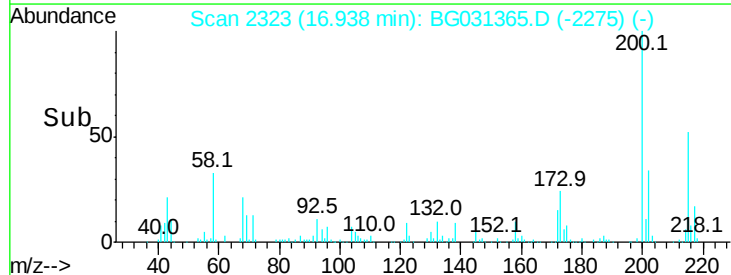
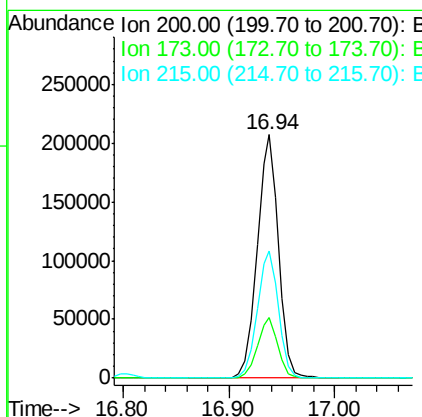
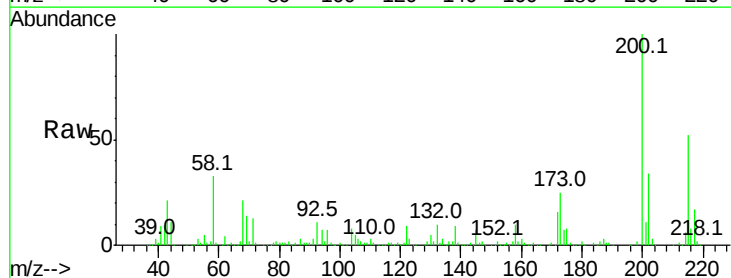
Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-1

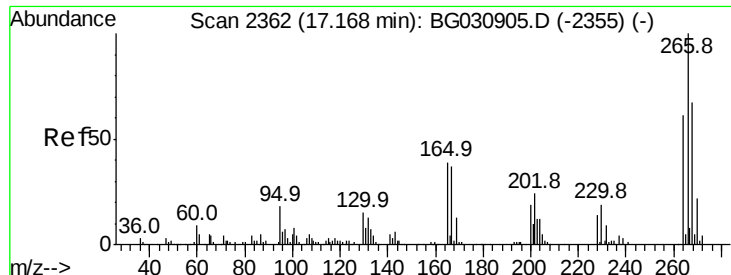
Tot Ion	Ratio	Lower	Upper
284	100		
142	28.5	26.8	40.2
249	33.8	26.3	39.5



#68
Atrazine
Concen: 46.555 ng
RT: 16.94 min Scan# 2323
Delta R.T. -0.02 min
Lab File: BG031365.D
Acq: 5 Dec 2017 2:46

Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.7	5.2	45.2
215	52.5	30.4	70.4

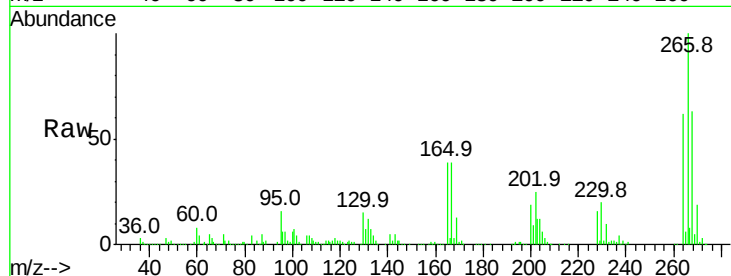




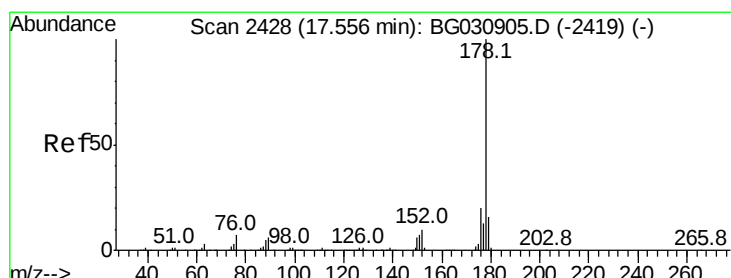
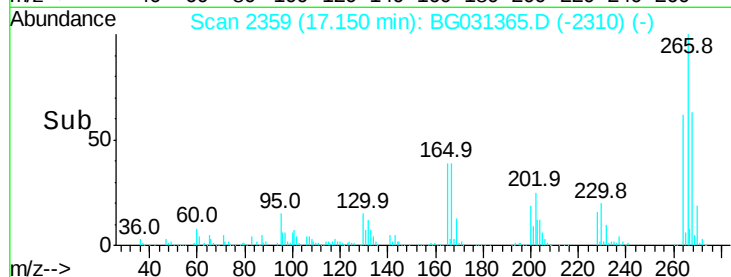
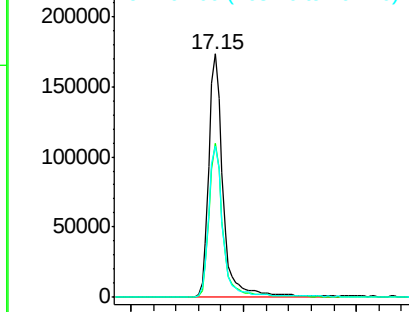
#69
 Pentachlorophenol
 Concen: 83.126 ng
 RT: 17.15 min Scan# 2359
 Delta R.T. -0.01 min
 Lab File: BG031365.D
 Acq: 5 Dec 2017 2:46

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-SOIL-1

Tot Ion:266 Resp: 308325
 Ion Ratio Lower Upper
 266 100
 268 63.1 51.1 76.7
 264 62.0 49.6 74.4

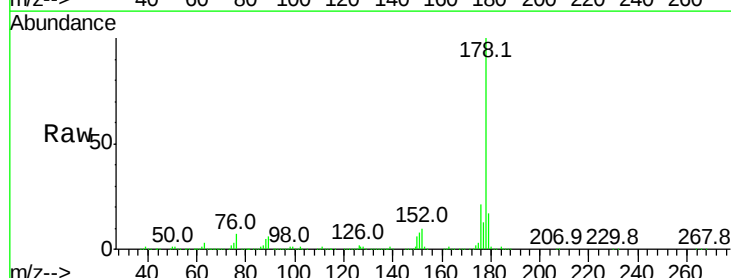


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

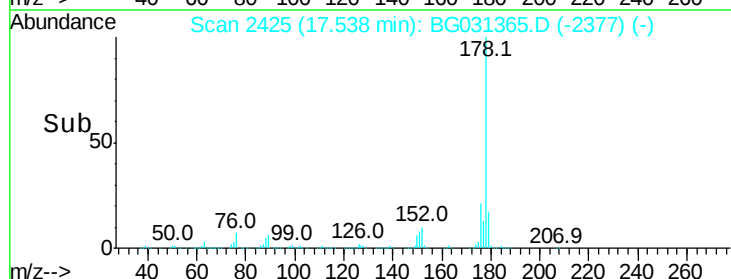
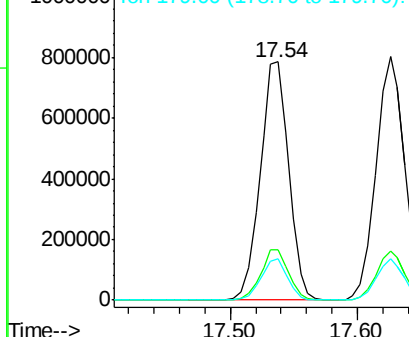


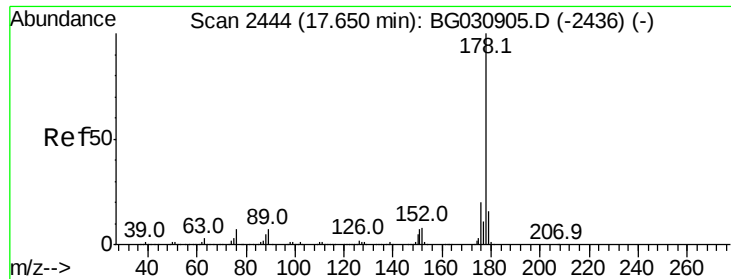
#70
 Phenanthrene
 Concen: 47.254 ng
 RT: 17.54 min Scan# 2425
 Delta R.T. -0.02 min
 Lab File: BG031365.D
 Acq: 5 Dec 2017 2:46

Tgt Ion:178 Resp: 1226744
 Ion Ratio Lower Upper
 178 100
 176 21.1 15.7 23.5
 179 17.2 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



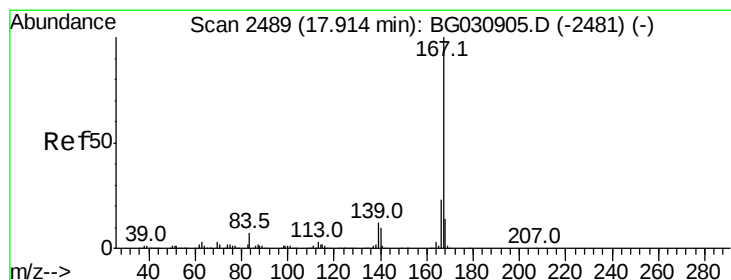
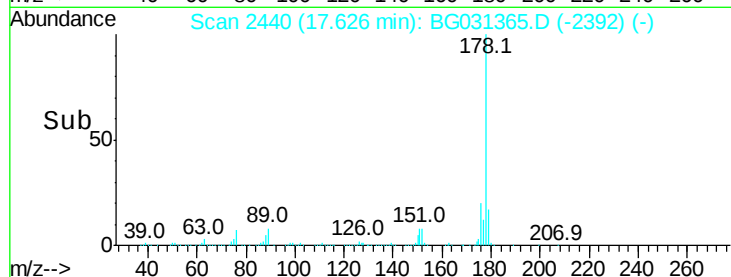
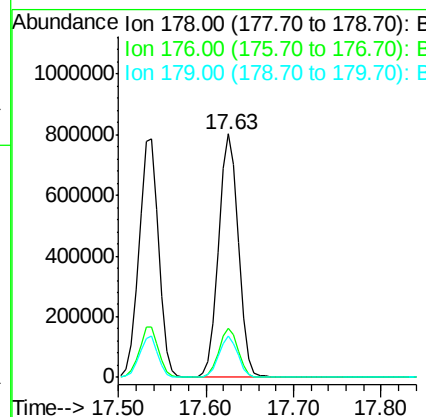
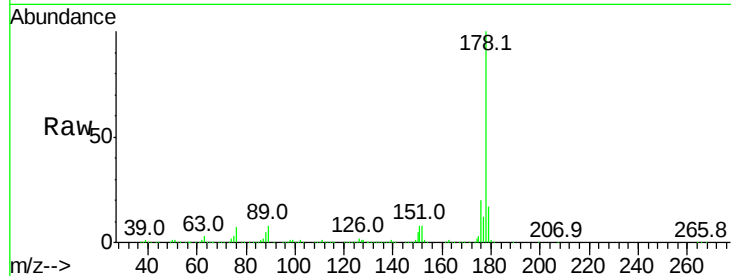


#71
 Anthracene
 Concen: 48.707 ng
 RT: 17.63 min Scan# 2440
 Delta R.T. -0.02 min
 Lab File: BG031365.D
 Acq: 5 Dec 2017 2:46

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-SOIL-1

Tot Ion:178 Resp: 1266989

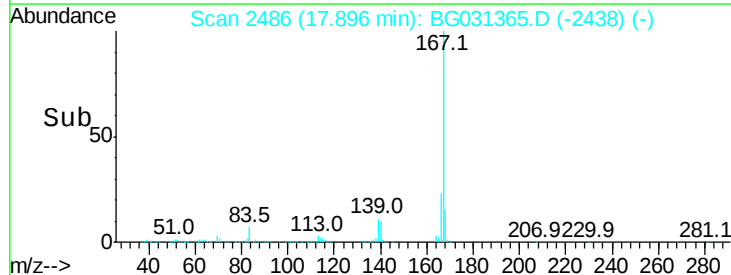
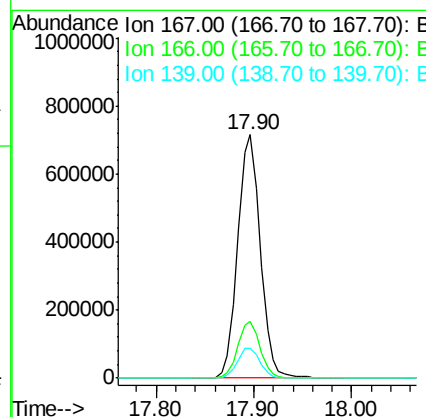
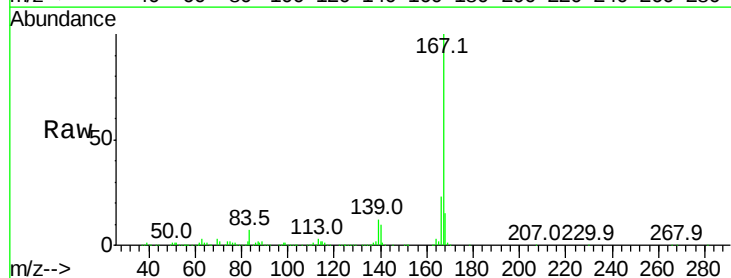
Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.0	24.0
179	16.8	12.5	18.7

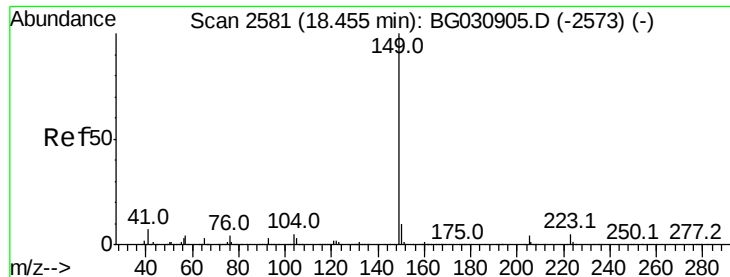


#72
 Carbazole
 Concen: 47.288 ng
 RT: 17.90 min Scan# 2486
 Delta R.T. -0.02 min
 Lab File: BG031365.D
 Acq: 5 Dec 2017 2:46

Tgt Ion:167 Resp: 1152586

Ion	Ratio	Lower	Upper
167	100		
166	23.3	18.2	27.4
139	12.1	9.4	14.2





#73

Di-n-butylphthalate

Concen: 44.573 ng

RT: 18.43 min Scan# 2577

Delta R.T. -0.02 min

Lab File: BG031365.D

Acq: 5 Dec 2017 2:46

Instrument :

BNA_G

ClientSampleId :

IDOC-SOIL-1

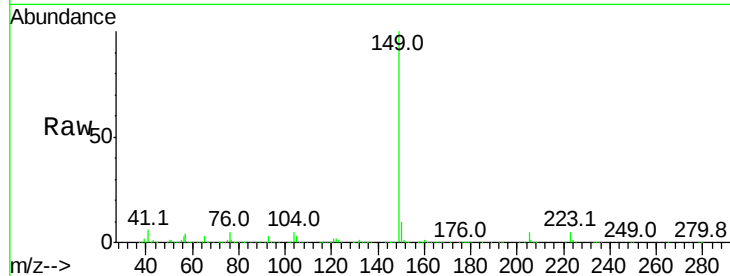
Tot Ion:149 Resp: 1333932

Ion Ratio Lower Upper

149 100

150 10.0 7.8 11.6

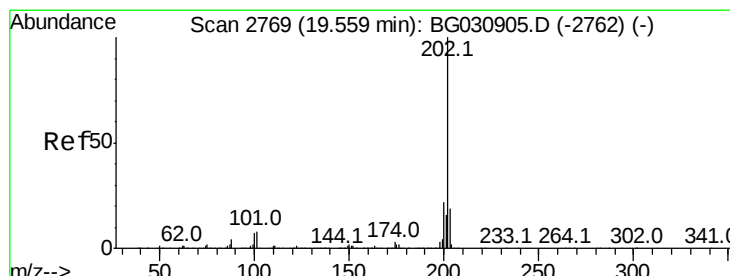
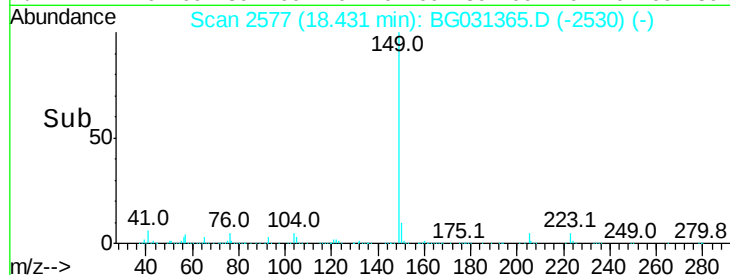
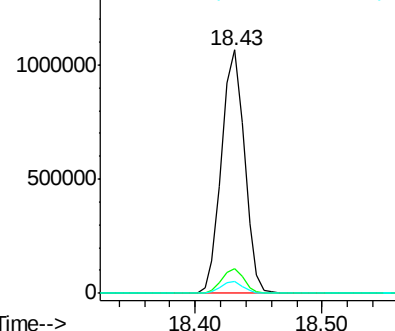
104 5.1 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 48.644 ng

RT: 19.54 min Scan# 2765

Delta R.T. -0.02 min

Lab File: BG031365.D

Acq: 5 Dec 2017 2:46

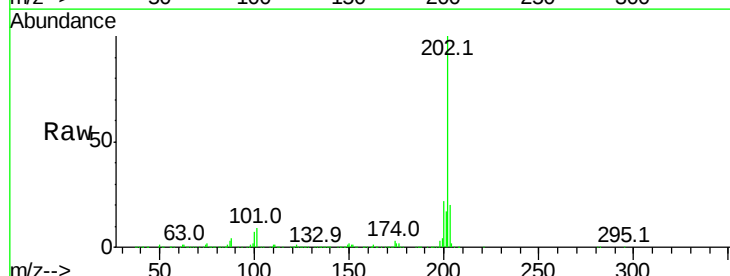
Tgt Ion:202 Resp: 1598929

Ion Ratio Lower Upper

202 100

101 8.5 0.0 28.9

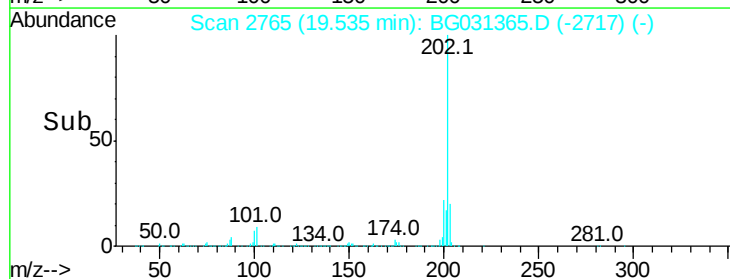
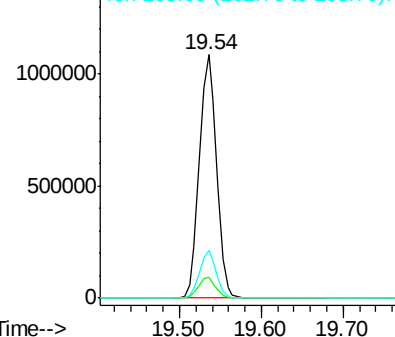
203 19.6 0.0 37.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3144

Delta R.T. -0.02 min

Lab File: BG031365.D

Acq: 5 Dec 2017 2:46

Instrument :

BNA_G

ClientSampleId :

IDOC-SOIL-1

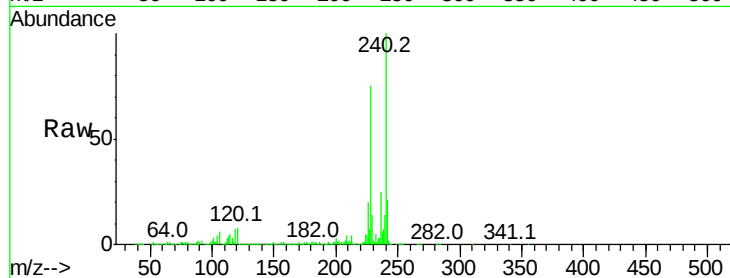
Tot Ion:240 Resp: 544864

Ion Ratio Lower Upper

240 100

120 7.8 6.8 10.2

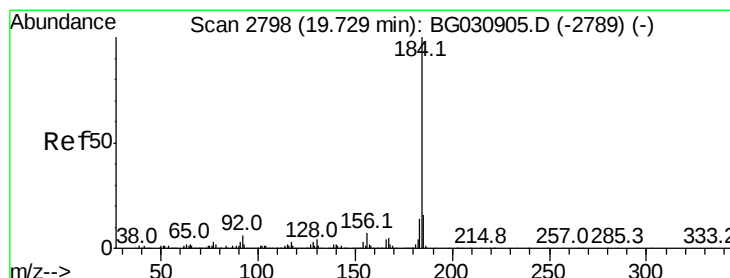
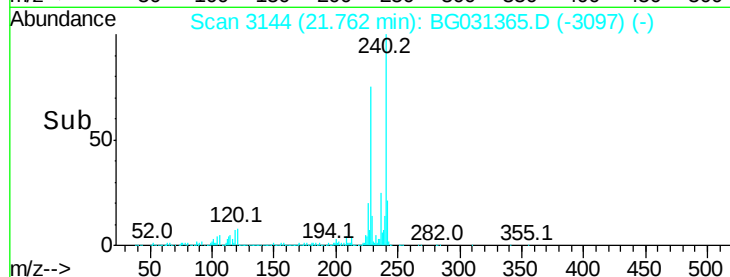
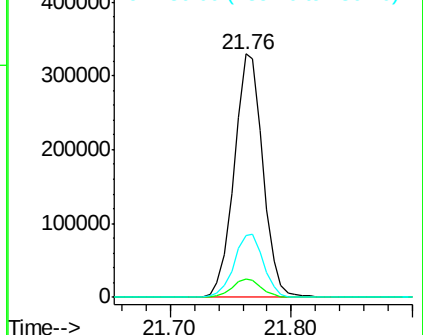
236 25.5 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 10.801 ng

RT: 19.71 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BG031365.D

Acq: 5 Dec 2017 2:46

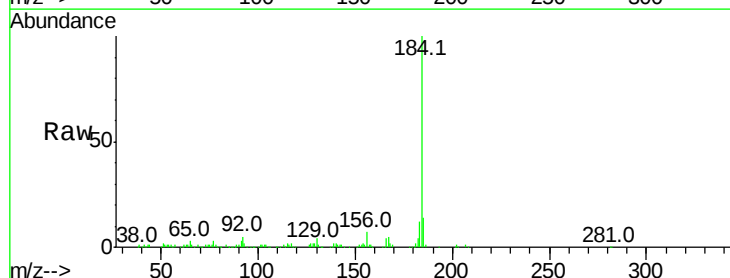
Tgt Ion:184 Resp: 189035

Ion Ratio Lower Upper

184 100

185 14.0 11.1 16.7

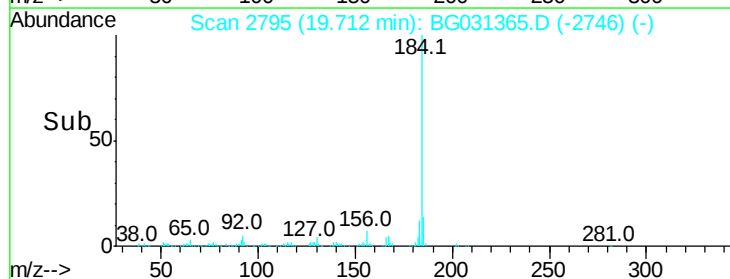
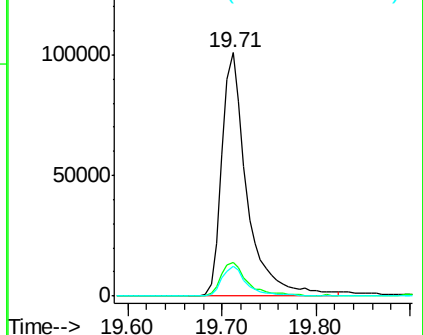
183 12.2 10.6 16.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

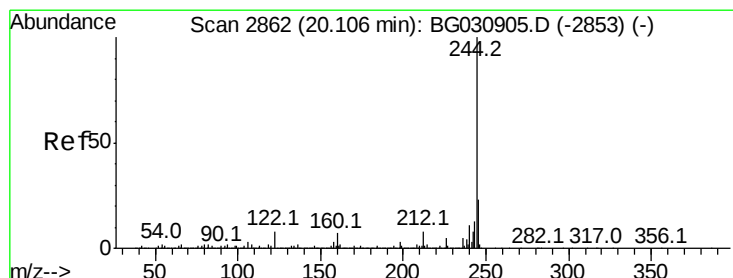
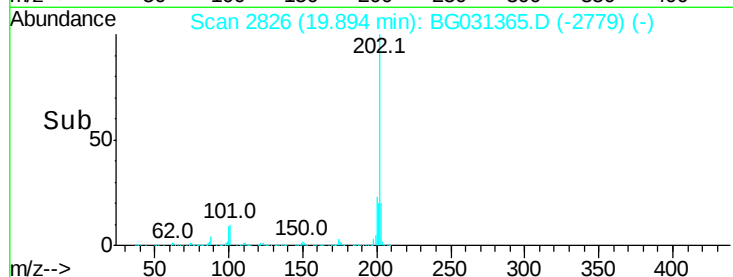
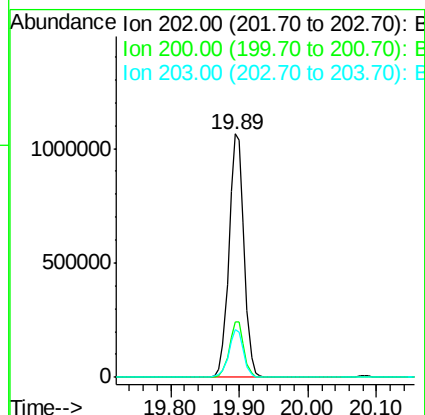
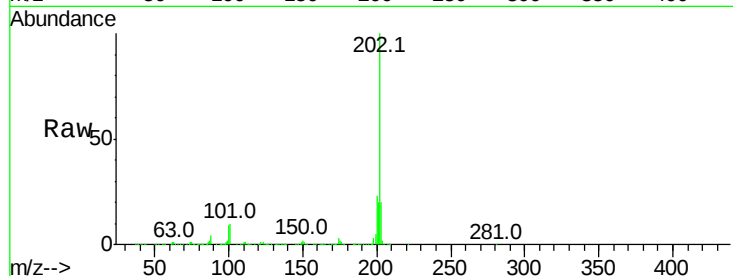




#77
Pvrene
Concen: 50.410 ng
RT: 19.89 min Scan# 2826
Delta R.T. -0.02 min
Lab File: BG031365.D
Acq: 5 Dec 2017 2:46

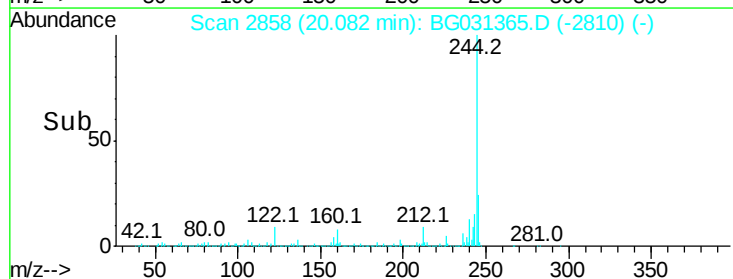
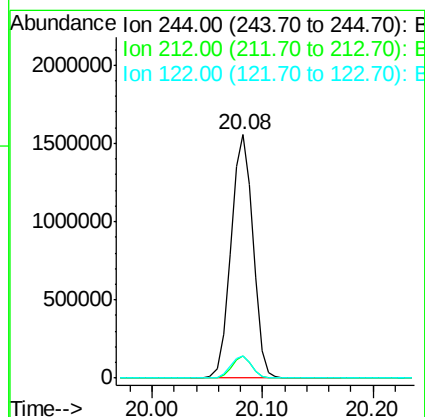
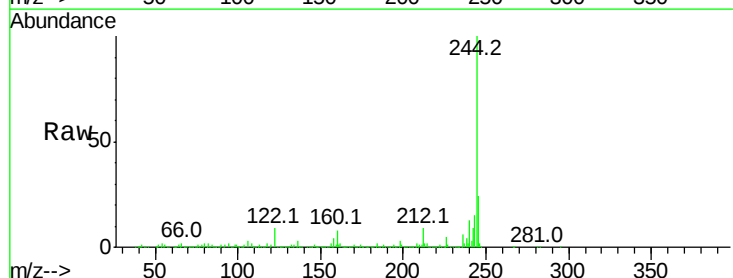
Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-1

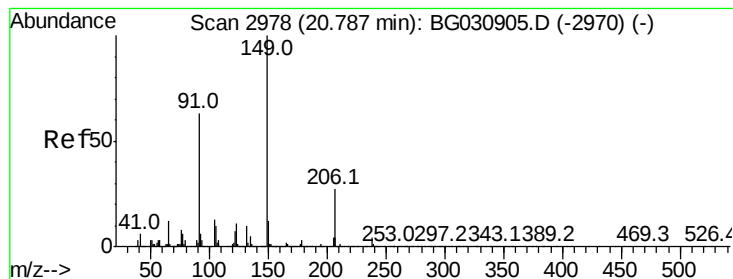
Tot Ion:202 Resp: 1629864
Ion Ratio Lower Upper
202 100
200 22.9 16.9 25.3
203 19.8 13.9 20.9



#78
Terphenyl-d14
Concen: 88.237 ng
RT: 20.08 min Scan# 2858
Delta R.T. -0.02 min
Lab File: BG031365.D
Acq: 5 Dec 2017 2:46

Tgt Ion:244 Resp: 2177331
Ion Ratio Lower Upper
244 100
212 9.0 5.8 8.8#
122 8.9 7.0 10.4





#79

Butylbenzylphthalate

Concen: 48.837 ng

RT: 20.76 min Scan# 2973

Delta R.T. -0.02 min

Lab File: BG031365.D

Acq: 5 Dec 2017 2:46

Instrument :

BNA_G

ClientSampleId :

IDOC-SOIL-1

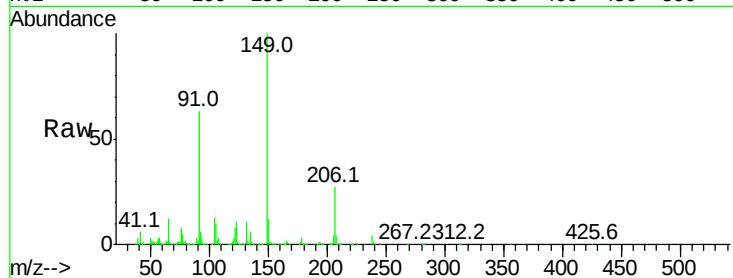
Tot Ion:149 Resp: 629572

Ion Ratio Lower Upper

149 100

91 63.4 62.2 93.2

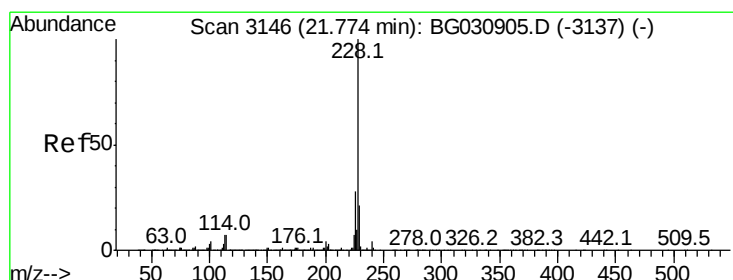
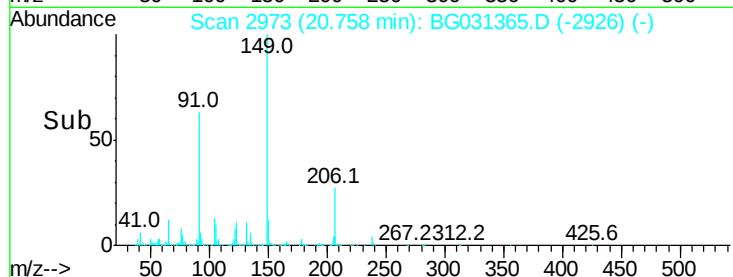
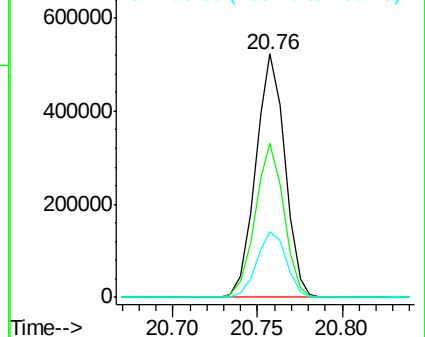
206 27.2 18.6 27.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 47.530 ng

RT: 21.74 min Scan# 3141

Delta R.T. -0.02 min

Lab File: BG031365.D

Acq: 5 Dec 2017 2:46

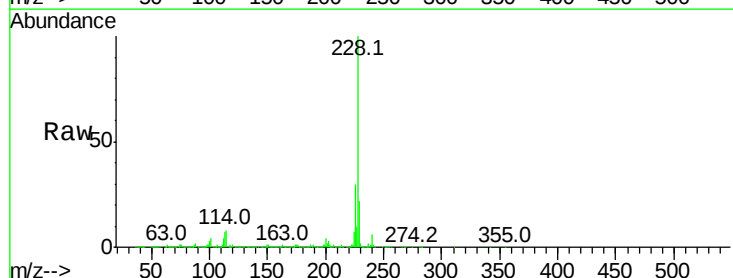
Tgt Ion:228 Resp: 1608635

Ion Ratio Lower Upper

228 100

226 29.8 22.7 34.1

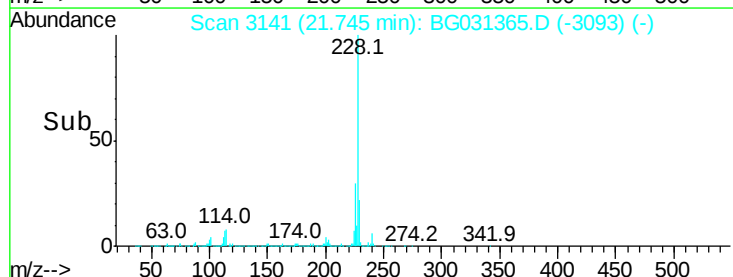
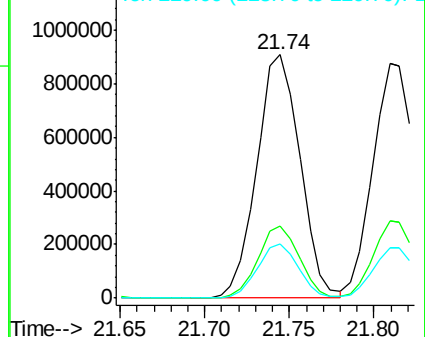
229 22.1 16.2 24.2

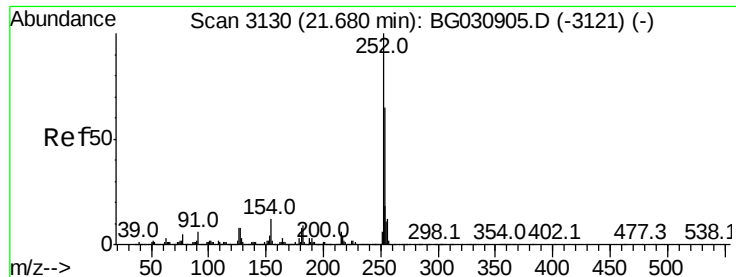


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

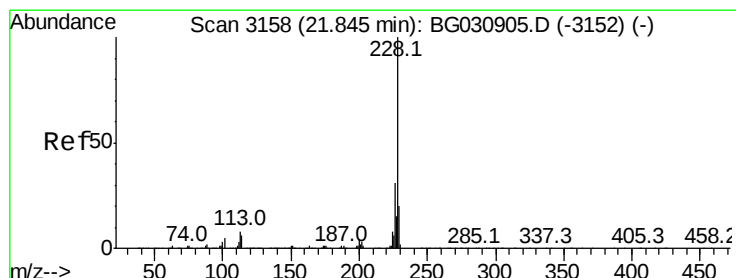
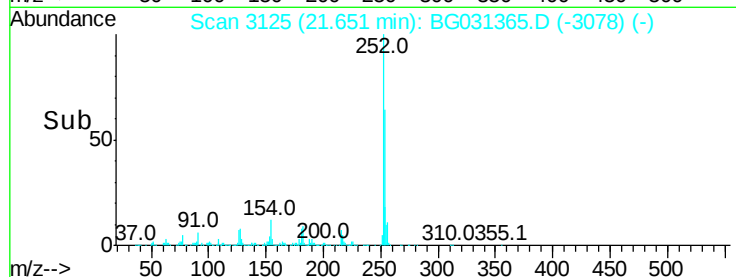
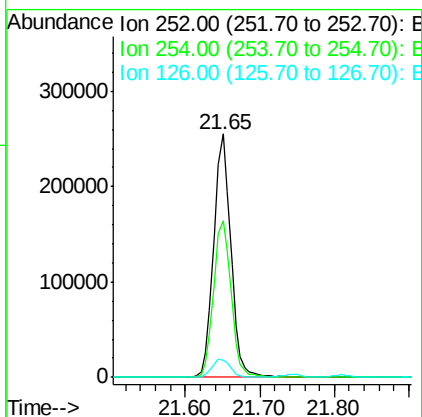
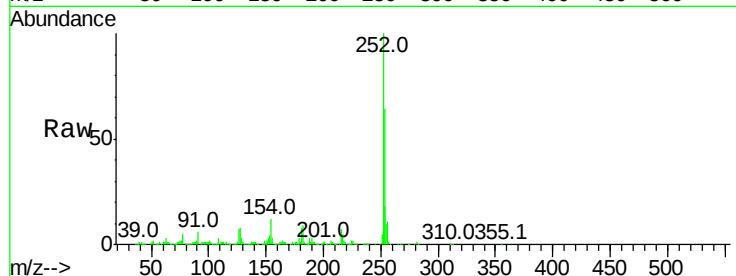




#81
 3,3'-Dichlorobenzidine
 Concen: 29.971 ng
 RT: 21.65 min Scan# 3125
 Delta R.T. -0.02 min
 Lab File: BG031365.D
 Acq: 5 Dec 2017 2:46

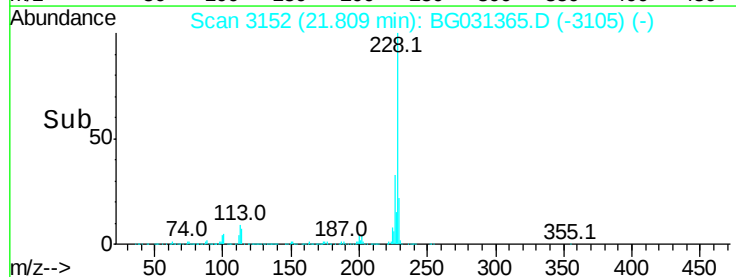
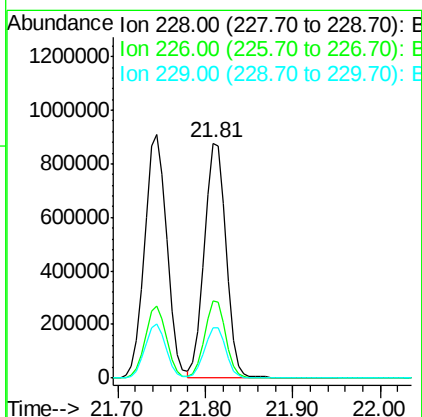
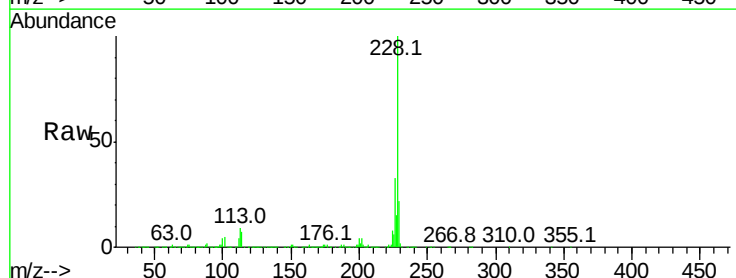
Instrument :
 BNA_G
 ClientSampleId :
 IDOC-SOIL-1

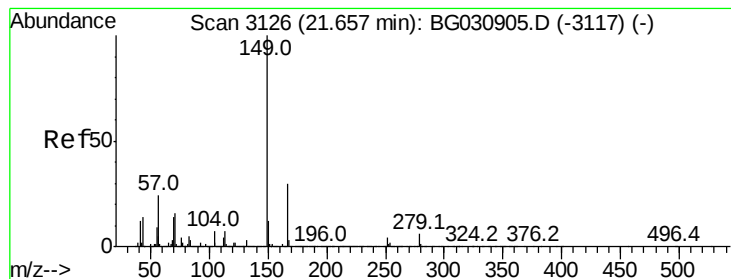
Tot Ion:252 Resp: 409459
 Ion Ratio Lower Upper
 252 100
 254 64.4 50.8 76.2
 126 7.0 7.4 11.2#



#82
 Chrysene
 Concen: 48.608 ng
 RT: 21.81 min Scan# 3152
 Delta R.T. -0.02 min
 Lab File: BG031365.D
 Acq: 5 Dec 2017 2:46

Tgt Ion:228 Resp: 1521816
 Ion Ratio Lower Upper
 228 100
 226 32.6 24.9 37.3
 229 21.6 15.0 22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.425 ng

RT: 21.62 min Scan# 3119

Delta R.T. -0.03 min

Lab File: BG031365.D

Acq: 5 Dec 2017 2:46

Instrument :

BNA_G

ClientSampleId :

IDOC-SOIL-1

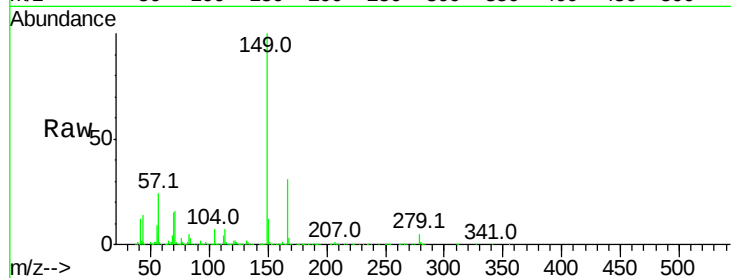
Tot Ion:149 Resp: 882515

Ion Ratio Lower Upper

149 100

167 30.8 24.3 36.5

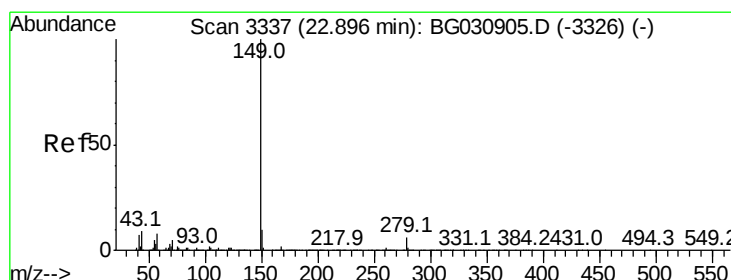
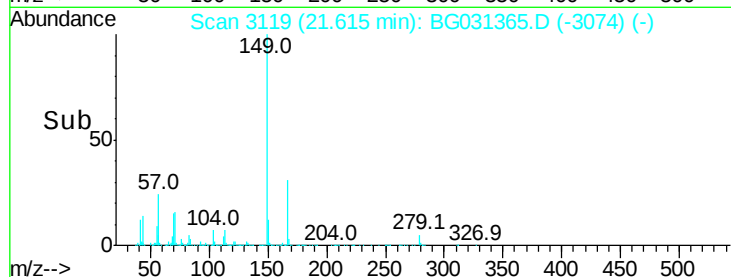
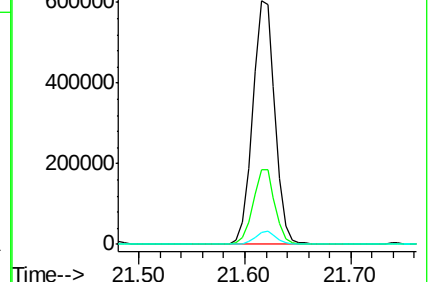
279 5.1 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 49.005 ng

RT: 22.84 min Scan# 3328

Delta R.T. -0.05 min

Lab File: BG031365.D

Acq: 5 Dec 2017 2:46

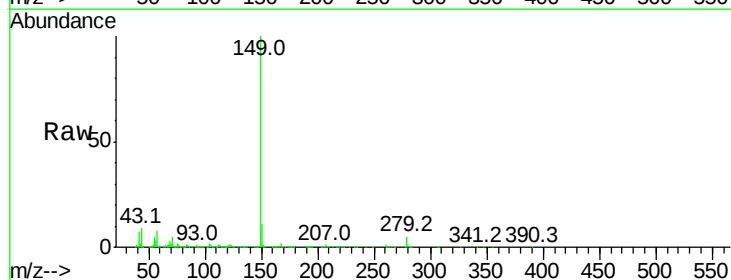
Tgt Ion:149 Resp: 1484233

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

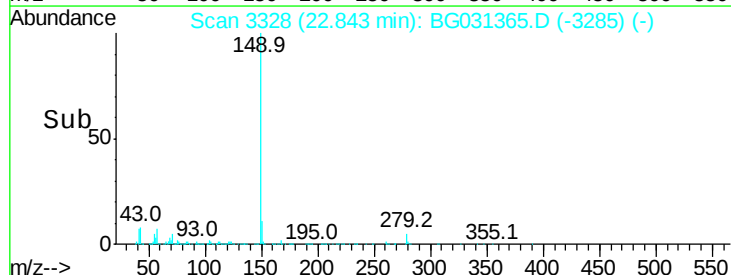
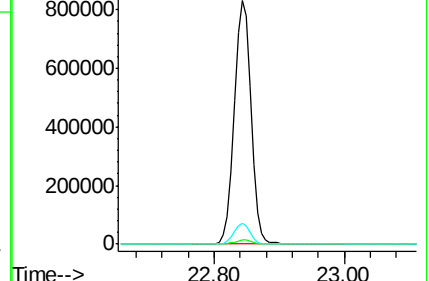
43 8.2 8.9 13.3#

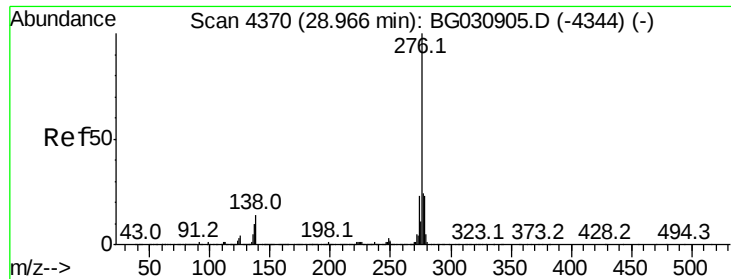


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC





#85

Indeno(1,2,3-cd)pyrene

Concen: 47.537 ng

RT: 28.85 min Scan# 4350

Delta R.T. -0.04 min

Lab File: BG031365.D

Acq: 5 Dec 2017 2:46

Instrument :

BNA_G

ClientSampleId :

IDOC-SOIL-1

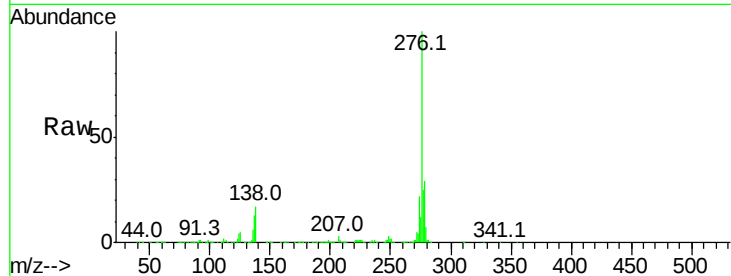
Tot Ion:276 Resp: 1809293

Ion Ratio Lower Upper

276 100

138 0.0 16.0 24.0#

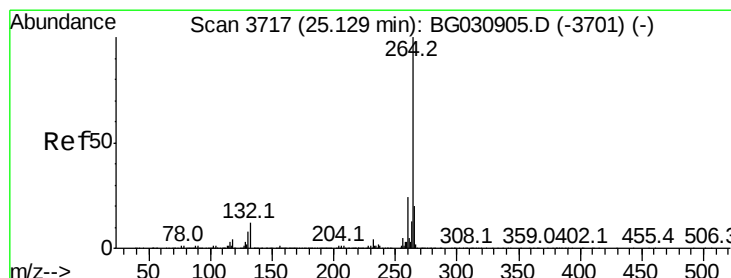
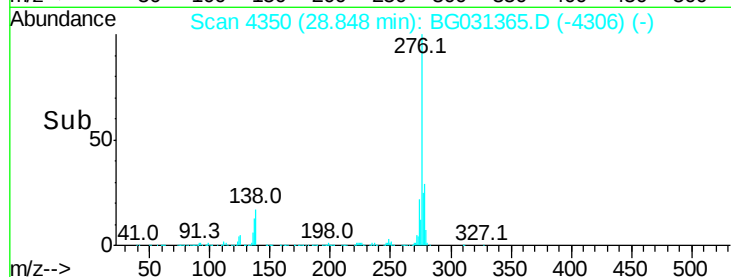
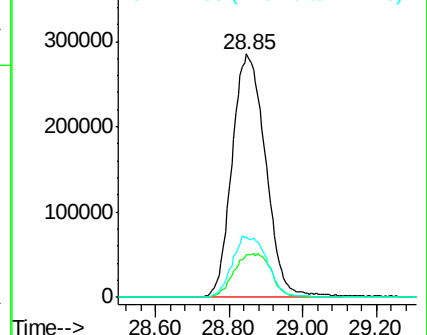
277 26.2 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.06 min Scan# 3705

Delta R.T. -0.03 min

Lab File: BG031365.D

Acq: 5 Dec 2017 2:46

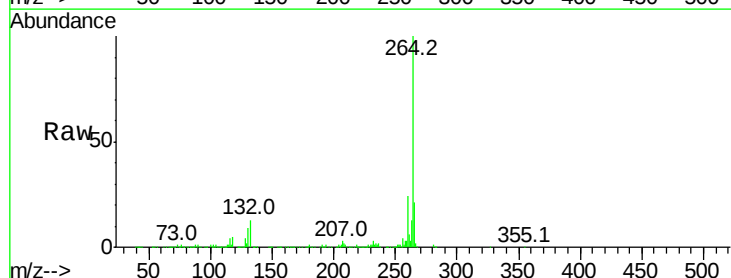
Tgt Ion:264 Resp: 552109

Ion Ratio Lower Upper

264 100

260 23.5 17.4 26.0

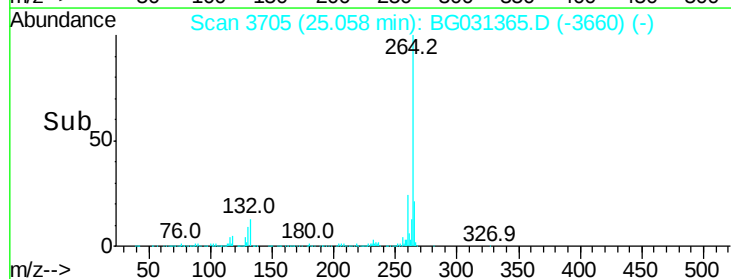
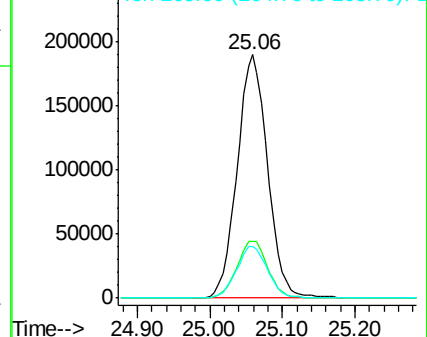
265 21.4 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 47.719 ng

RT: 24.01 min Scan# 3527

Delta R.T. -0.03 min

Lab File: BG031365.D

Acq: 5 Dec 2017 2:46

Instrument :

BNA_G

ClientSampleId :

IDOC-SOIL-1

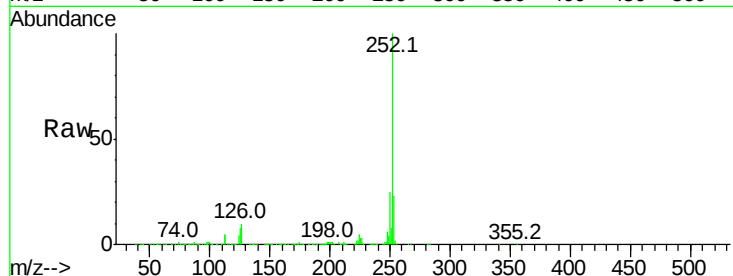
Tot Ion:252 Resp: 1593661

Ion Ratio Lower Upper

252 100

253 23.2 18.2 27.4

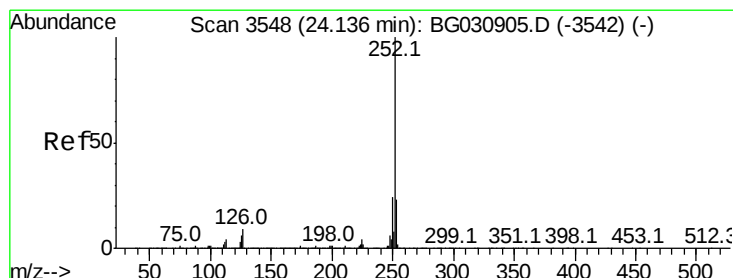
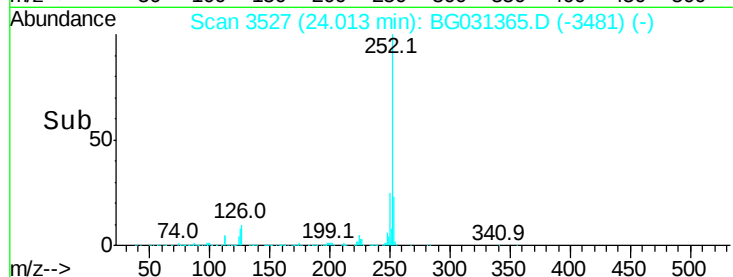
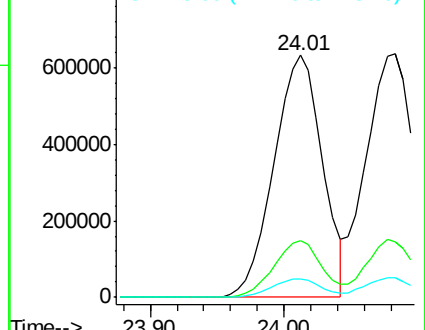
125 7.6 7.2 10.8



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: 48.276 ng

RT: 24.08 min Scan# 3539

Delta R.T. -0.03 min

Lab File: BG031365.D

Acq: 5 Dec 2017 2:46

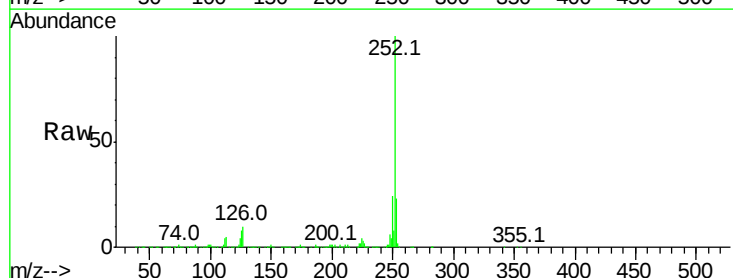
Tgt Ion:252 Resp: 1598081

Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.2

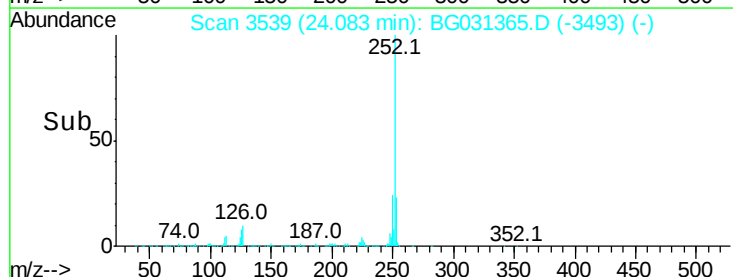
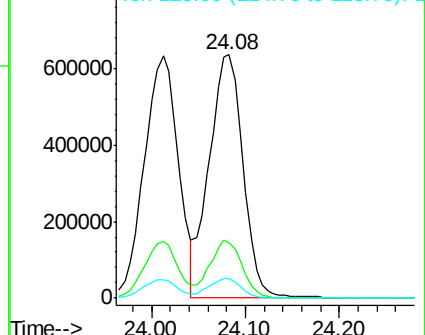
125 7.9 6.6 9.8



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: 49.647 ng

RT: 24.91 min Scan# 3680

Delta R.T. -0.02 min

Lab File: BG031365.D

Acq: 5 Dec 2017 2:46

Instrument :

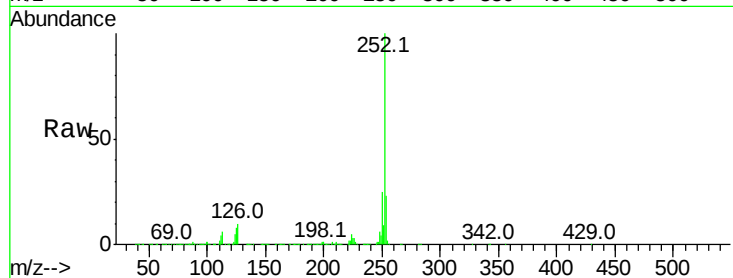
BNA_G

ClientSampleId :

IDOC-SOIL-1

Tot Ion:252 Resp: 1575142

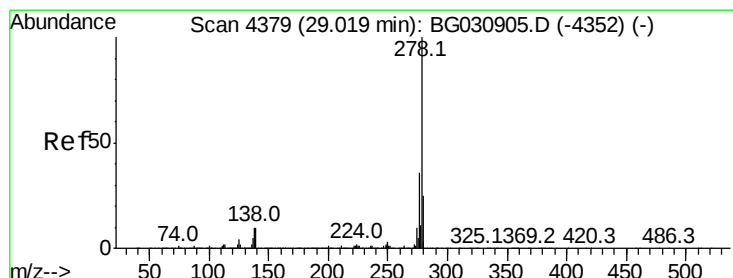
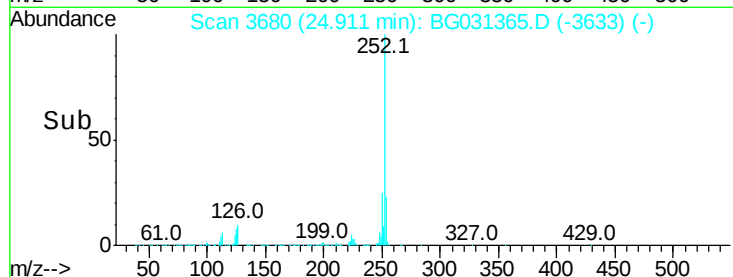
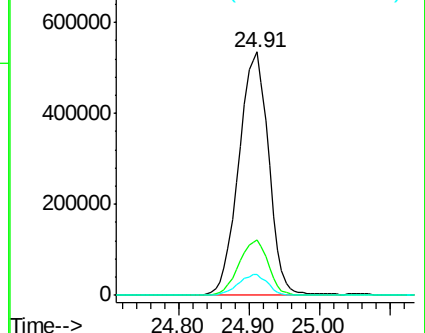
Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.3	27.5
125	8.4	7.3	10.9



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: 46.695 ng

RT: 28.90 min Scan# 4358

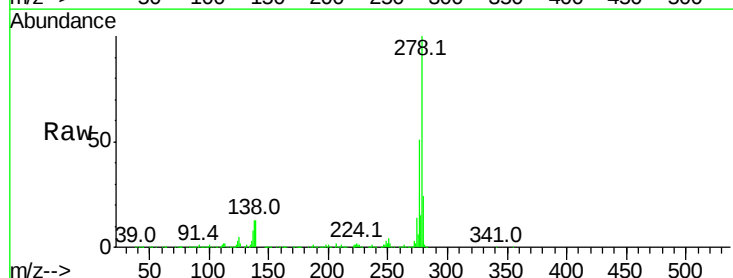
Delta R.T. -0.05 min

Lab File: BG031365.D

Acq: 5 Dec 2017 2:46

Tgt Ion:278 Resp: 1514245

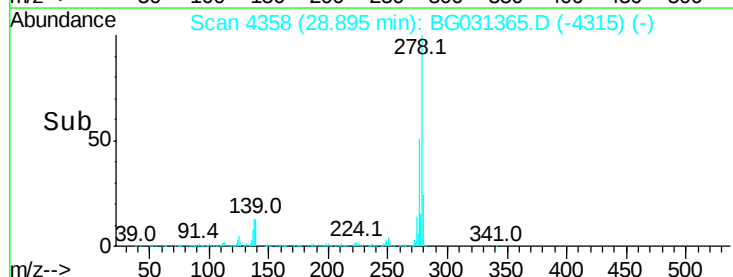
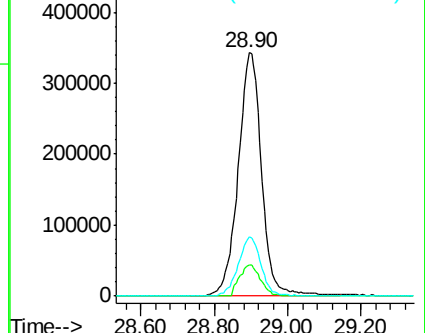
Ion	Ratio	Lower	Upper
278	100		
139	12.6	9.8	14.6
279	24.5	18.4	27.6

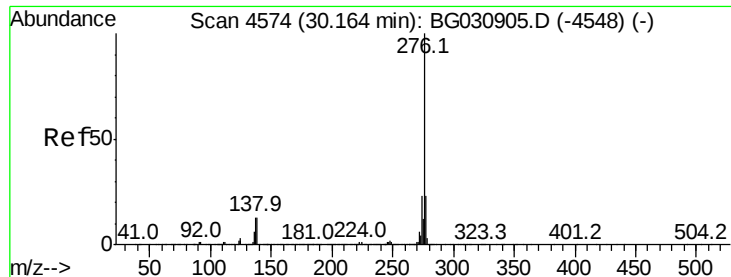


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



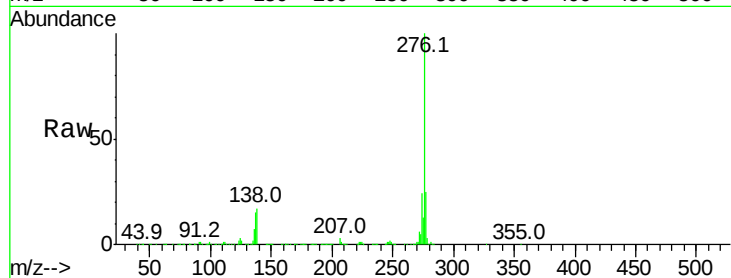


#91
 Benzo(a,h,i)perylene
 Concen: 47.647 ng
 RT: 30.03 min Scan# 4551
 Delta R.T. -0.05 min
 Lab File: BG031365.D
 Acq: 5 Dec 2017 2:46

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-SOIL-1

Tot Ion:276 Resp: 1499624

Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.3	27.5
138	16.8	13.9	20.9



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

