

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG120417\
 Data File : BG031366.D
 Acq On : 5 Dec 2017 3:23
 Operator : SJ/JU
 Sample : IDOC-SOIL-2
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-SOIL-2

Quant Time: Dec 05 06:38:05 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	60208	20.00	ng	-0.03
21) Naphthalene-d8	10.94	136	266668	20.00	ng	-0.03
38) Acenaphthene-d10	14.75	164	185797	20.00	ng	-0.03
63) Phenanthrene-d10	17.49	188	488872	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	533576	20.00	ng	-0.02
86) Perylene-d12	25.06	264	538725	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.69	112	327435	93.26	ng	-0.02
7) Phenol-d6	7.30	99	439053	92.82	ng	0.00
23) Nitrobenzene-d5	9.29	82	253572	56.35	ng	-0.03
41) 2,4,6-Tribromophenol	16.24	330	228072	75.88	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	787050	60.87	ng	-0.03
78) Terphenyl-d14	20.08	244	1467082	60.71	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	35847	25.158	ng	# 84
3) Pyridine	3.95	79	23412	5.660	ng	# 81
4) n-Nitrosodimethylamine	3.86	42	49802	25.403	ng	# 93
6) Aniline	7.45	93	86504	13.896	ng	94
8) 2-Chlorophenol	7.69	128	127116	32.806	ng	90
9) Benzaldehyde	7.27	77	47637	14.391	ng	87
10) Phenol	7.32	94	163532	33.290	ng	91
11) bis(2-Chloroethyl)ether	7.54	93	110971	28.292	ng	90
12) 1,3-Dichlorobenzene	8.01	146	133840	29.441	ng	95
13) 1,4-Dichlorobenzene	8.16	146	137127	29.766	ng	93
14) 1,2-Dichlorobenzene	8.48	146	129901	29.378	ng	98
15) Benzyl Alcohol	8.37	79	104010	27.412	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.65	45	165399	38.177	ng	90
17) 2-Methylphenol	8.58	107	110147	32.199	ng	96
18) Hexachloroethane	9.21	117	46286	28.868	ng	92
19) n-Nitroso-di-n-propylamine	8.92	70	93545	26.009	ng	# 96
20) 3+4-Methylphenols	8.91	107	148924	30.616	ng	93
22) Acetophenone	8.95	105	180042	27.116	ng	# 92
24) Nitrobenzene	9.34	77	136781	29.754	ng	# 88
25) Isophorone	9.86	82	266364	30.349	ng	# 92
26) 2-Nitrophenol	10.05	139	74346	31.027	ng	# 89
27) 2,4-Dimethylphenol	10.11	122	126701	35.617	ng	92
28) bis(2-Chloroethoxy)methane	10.33	93	162539	29.404	ng	96
29) 2,4-Dichlorophenol	10.60	162	143991	33.708	ng	89
30) 1,2,4-Trichlorobenzene	10.80	180	155339	30.459	ng	96
31) Naphthalene	10.99	128	396163	30.220	ng	98
32) Benzoic acid	10.24	122	8589	8.218	ng	# 80
33) 4-Chloroaniline	11.11	127	105114	18.317	ng	93
34) Hexachlorobutadiene	11.27	225	101600	28.725	ng	96
35) Caprolactam	11.87	113	21916	12.559	ng	# 76
36) 4-Chloro-3-methylphenol	12.23	107	148014	31.836	ng	# 84
37) 2-Methylnaphthalene	12.59	142	320202	31.641	ng	92
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	195920	26.568	ng	96
40) Hexachlorocyclopentadiene	12.93	237	149693	58.232	ng	95

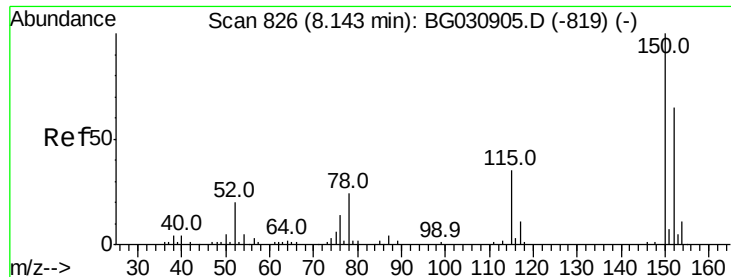
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG120417\
 Data File : BG031366.D
 Acq On : 5 Dec 2017 3:23
 Operator : SJ/JU
 Sample : IDOC-SOIL-2
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-SOIL-2

Quant Time: Dec 05 06:38:05 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	129905	30.815	nq	98
43) 2,4,5-Trichlorophenol	13.28	196	142145	30.818	nq	# 93
45) 1,1'-Biphenyl	13.58	154	425573	27.622	nq	98
46) 2-Chloronaphthalene	13.63	162	349321	31.425	nq	96
47) 2-Nitroaniline	13.84	65	96844	29.393	nq	# 75
48) Acenaphthylene	14.48	152	548019	30.121	nq	98
49) Dimethylphthalate	14.19	163	539614	33.590	nq	99
50) 2,6-Dinitrotoluene	14.32	165	108674	32.820	nq	# 74
51) Acenaphthene	14.81	154	334908	29.474	nq	98
52) 3-Nitroaniline	14.66	138	83094	23.634	nq	# 79
53) 2,4-Dinitrophenol	14.88	184	88632	50.953	nq	# 47
54) Dibenzofuran	15.15	168	566347	31.292	nq	98
55) 4-Nitrophenol	14.98	139	147912	59.059	nq	# 79
56) 2,4-Dinitrotoluene	15.12	165	157071	32.813	nq	# 73
57) Fluorene	15.79	166	456852	31.091	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.38	232	141643	32.221	nq	# 92
59) Diethylphthalate	15.55	149	483550	29.632	nq	98
60) 4-Chlorophenyl-phenylether	15.78	204	274538	30.936	nq	90
61) 4-Nitroaniline	15.82	138	114560	30.771	nq	89
62) Azobenzene	16.07	77	382260	30.716	nq	92
64) 4,6-Dinitro-2-methylphenol	15.89	198	84054	25.867	nq	76
65) n-Nitrosodiphenylamine	15.99	169	429457	28.990	nq	99
66) 4-Bromophenyl-phenylether	16.67	248	178922	28.897	nq	100
67) Hexachlorobenzene	16.80	284	185247	28.157	nq	94
68) Atrazine	16.93	200	179412	29.353	nq	98
69) Pentachlorophenol	17.15	266	174882	48.088	nq	99
70) Phenanthrene	17.53	178	792433	31.132	nq	99
71) Anthracene	17.63	178	811693	31.825	nq	100
72) Carbazole	17.90	167	745901	31.212	nq	100
73) Di-n-butylphthalate	18.43	149	865464	29.495	nq	99
74) Fluoranthene	19.54	202	1039560	32.256	nq	97
76) Benzidine	19.71	184	104264	6.083	nq	99
77) Pyrene	19.89	202	1058253	33.423	nq	97
79) Butylbenzylphthalate	20.76	149	401411	31.797	nq	# 84
80) Benzo(a)anthracene	21.74	228	1033276	31.176	nq	99
81) 3,3'-Dichlorobenzidine	21.65	252	270412	20.212	nq	98
82) Chrysene	21.81	228	988522	32.242	nq	98
83) Bis(2-ethylhexyl)phthalate	21.62	149	565324	31.022	nq	98
84) Di-n-octyl phthalate	22.84	149	937675	31.614	nq	# 93
85) Indeno(1,2,3-cd)pyrene	28.84	276	1106009	29.674	nq	99
87) Benzo(b)fluoranthene	24.01	252	1017027	31.209	nq	98
88) Benzo(k)fluoranthene	24.08	252	1018913	31.545	nq	98
89) Benzo(a)pyrene	24.91	252	995883	32.169	nq	99
90) Dibenzo(a,h)anthracene	28.90	278	935605	29.568	nq	98
91) Benzo(g,h,i)perylene	30.03	276	920926	29.987	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.13 min Scan# 823

Delta R.T. -0.03 min

Lab File: BG031366.D

Acq: 5 Dec 2017 3:23

Instrument :

BNA_G

ClientSampleId :

IDOC-SOIL-2

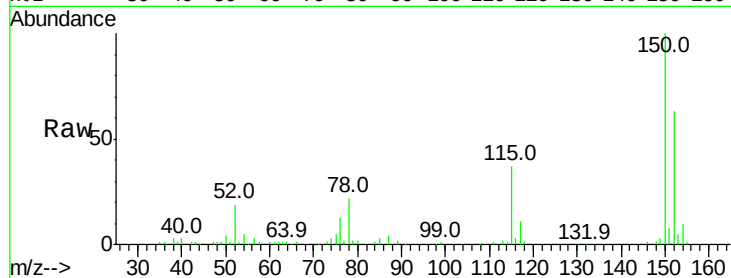
Tot Ion:152 Resp: 60208

Ion Ratio Lower Upper

152 100

150 159.8 126.6 189.8

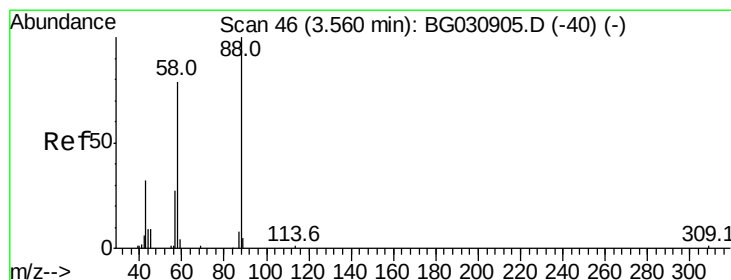
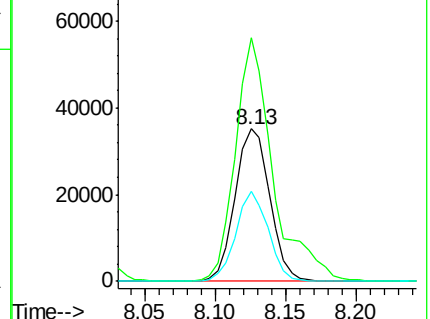
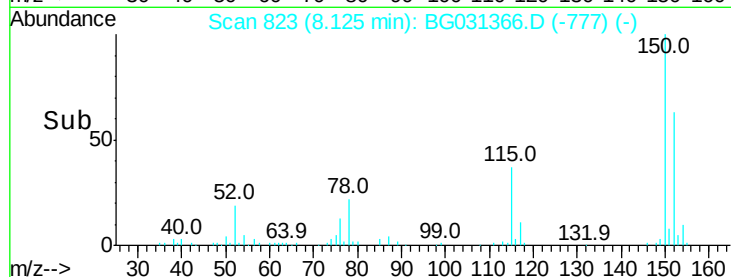
115 58.8 53.0 79.4



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: 25.158 ng

RT: 3.54 min Scan# 42

Delta R.T. -0.03 min

Lab File: BG031366.D

Acq: 5 Dec 2017 3:23

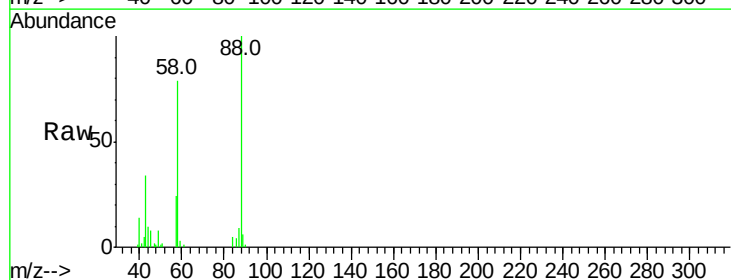
Tgt Ion: 88 Resp: 35847

Ion Ratio Lower Upper

88 100

58 78.0 79.6 119.4#

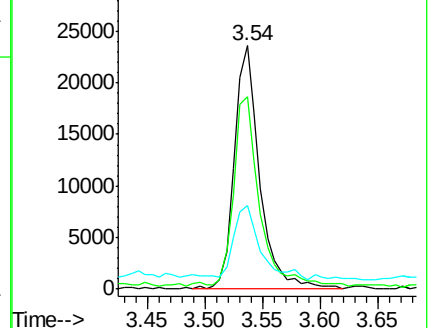
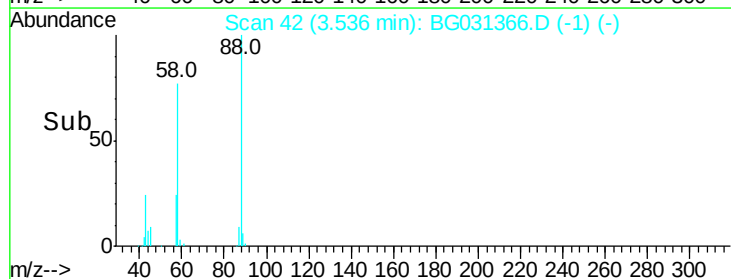
43 33.2 27.4 41.0

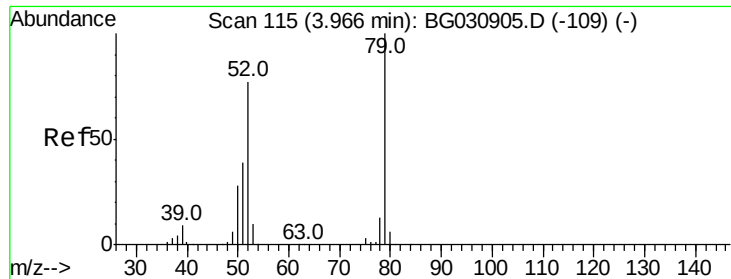


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 5.660 ng

RT: 3.95 min Scan# 112

Delta R.T. -0.03 min

Lab File: BG031366.D

Acq: 5 Dec 2017 3:23

Instrument :

BNA_G

ClientSampleId :

IDOC-SOIL-2

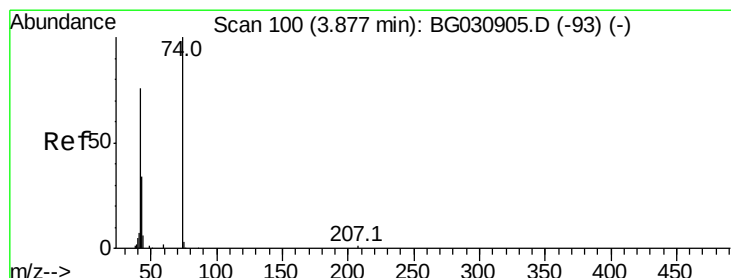
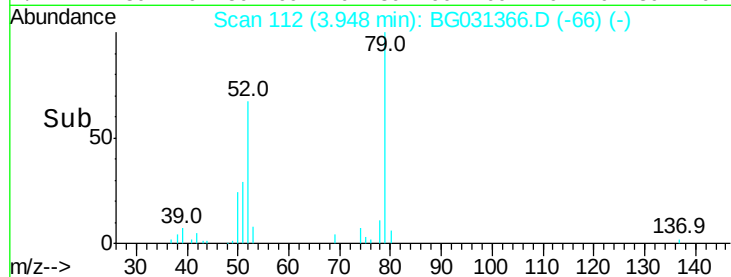
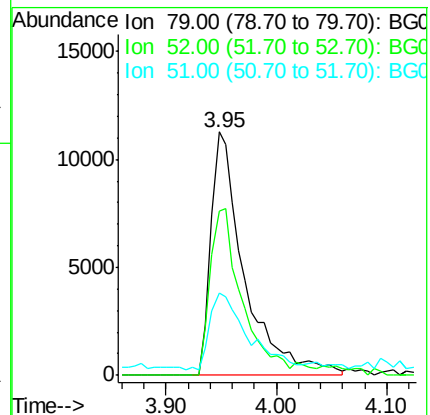
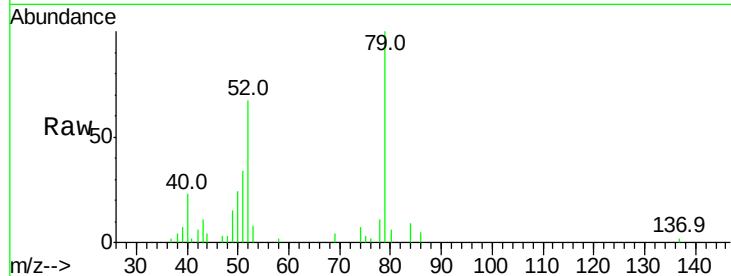
Tot Ion: 79 Resp: 23412

Ion Ratio Lower Upper

79 100

52 67.4 69.9 104.9#

51 34.0 34.0 51.0



#4

n-Nitrosodimethylamine

Concen: 25.403 ng

RT: 3.86 min Scan# 97

Delta R.T. -0.03 min

Lab File: BG031366.D

Acq: 5 Dec 2017 3:23

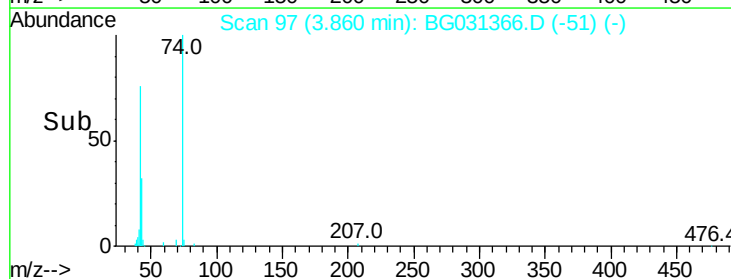
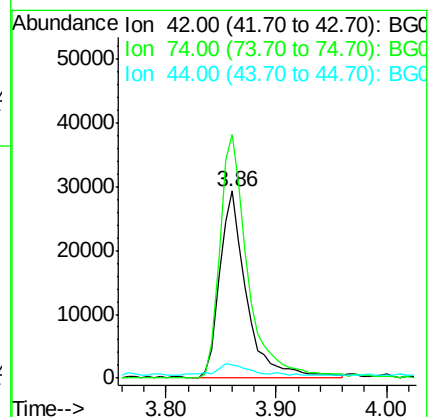
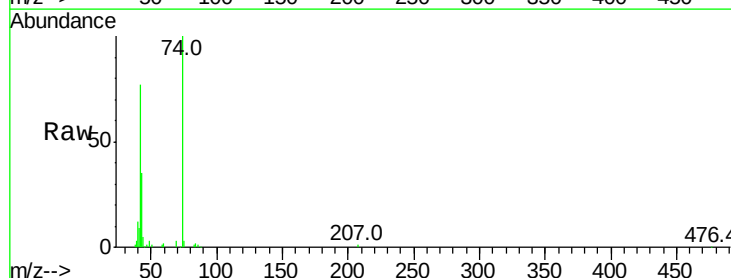
Tgt Ion: 42 Resp: 49802

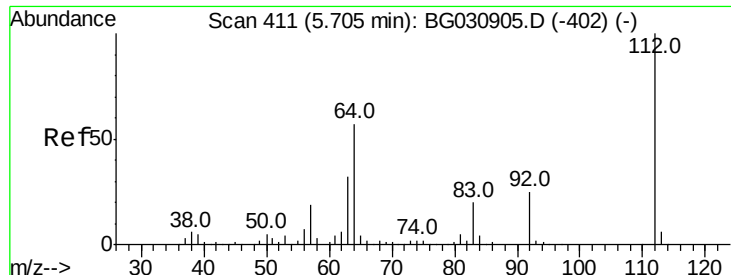
Ion Ratio Lower Upper

42 100

74 130.4 102.5 153.7

44 7.1 18.9 28.3#





#5

2-Fluorophenol

Concen: 93.255 ng

RT: 5.69 min Scan# 408

Delta R.T. -0.02 min

Lab File: BG031366.D

Acq: 5 Dec 2017 3:23

Instrument :

BNA_G

ClientSampled :

IDOC-SOIL-2

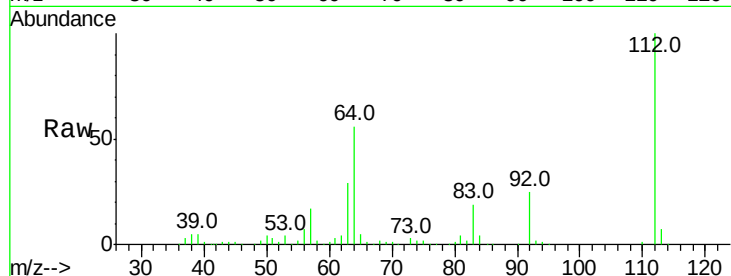
Tot Ion:112 Resp: 327435

Ion Ratio Lower Upper

112 100

64 56.4 56.3 84.5

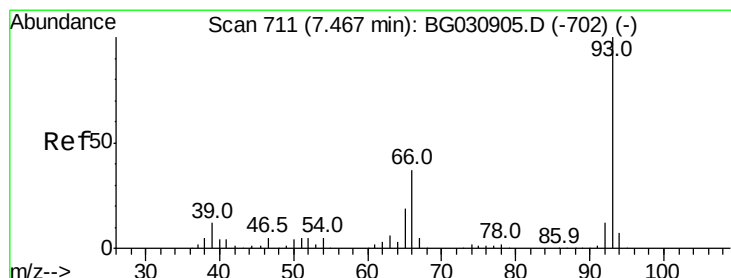
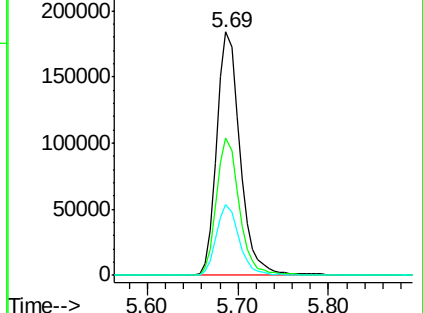
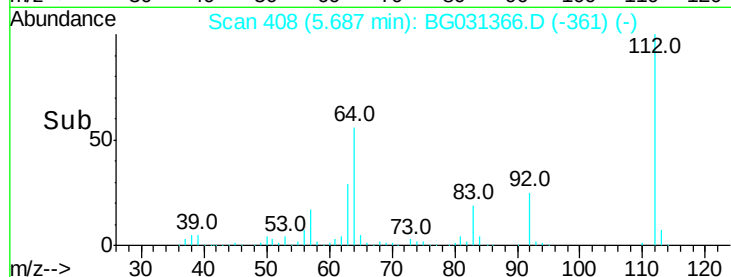
63 29.0 30.1 45.1#



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: 13.896 ng

RT: 7.45 min Scan# 708

Delta R.T. -0.02 min

Lab File: BG031366.D

Acq: 5 Dec 2017 3:23

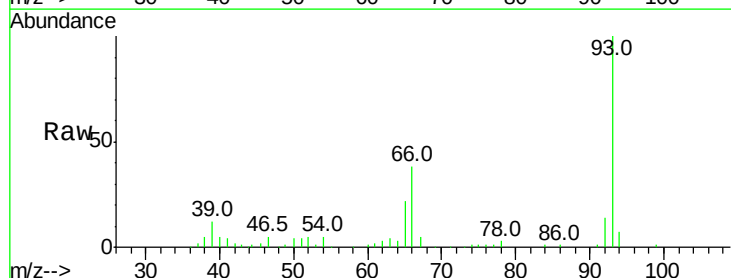
Tgt Ion: 93 Resp: 86504

Ion Ratio Lower Upper

93 100

66 37.7 33.7 50.5

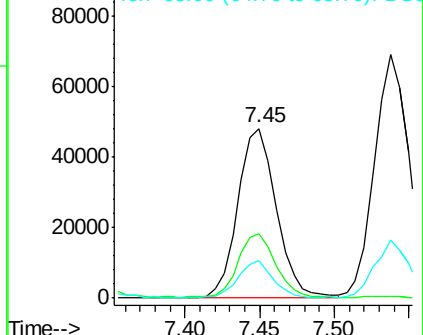
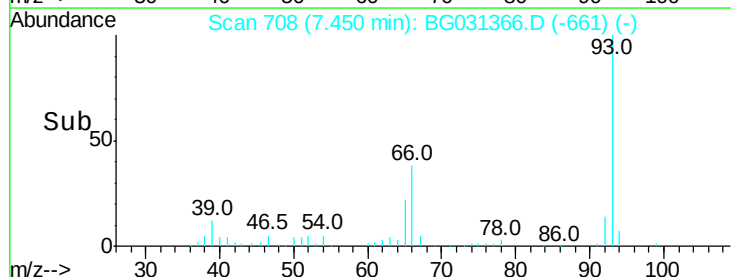
65 22.0 16.1 24.1

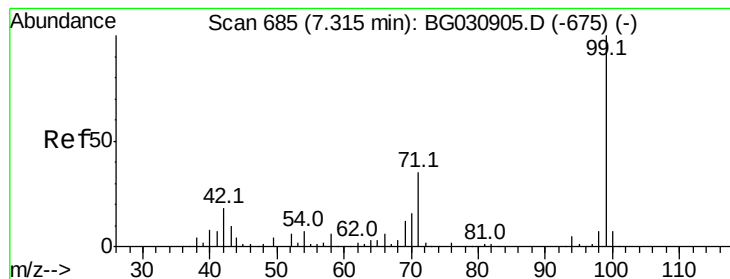


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 92.817 ng

RT: 7.30 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG031366.D

Acq: 5 Dec 2017 3:23

Instrument :

BNA_G

ClientSampleId :

IDOC-SOIL-2

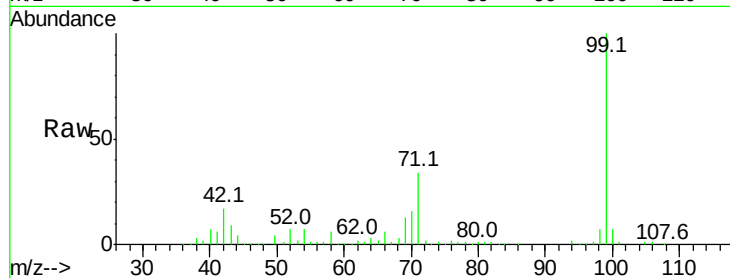
Tot Ion: 99 Resp: 439053

Ion Ratio Lower Upper

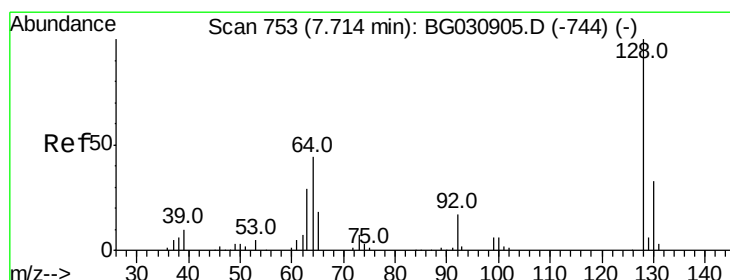
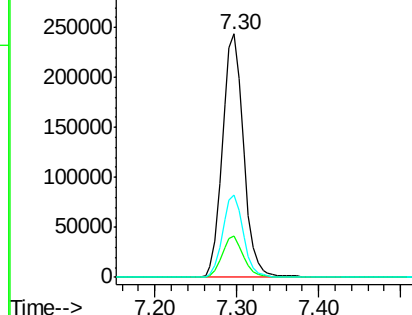
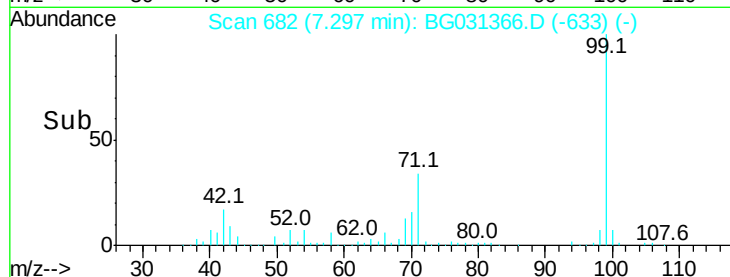
99 100

42 16.9 14.1 21.1

71 33.6 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: 32.806 ng

RT: 7.69 min Scan# 749

Delta R.T. -0.03 min

Lab File: BG031366.D

Acq: 5 Dec 2017 3:23

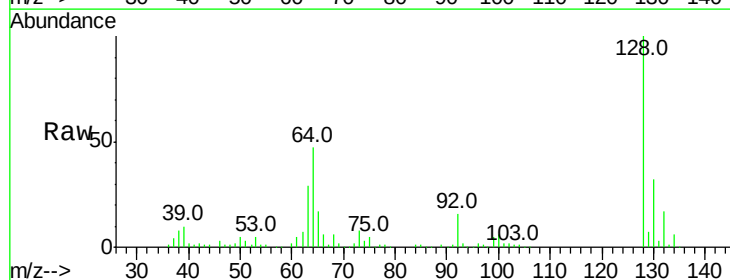
Tgt Ion: 128 Resp: 127116

Ion Ratio Lower Upper

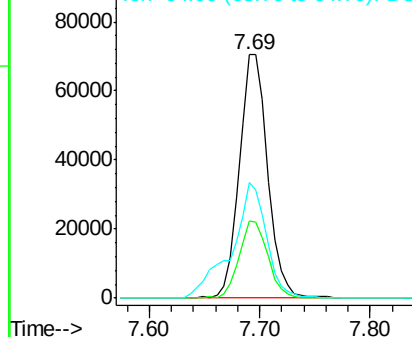
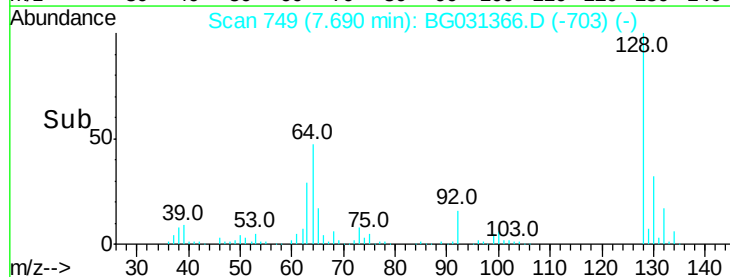
128 100

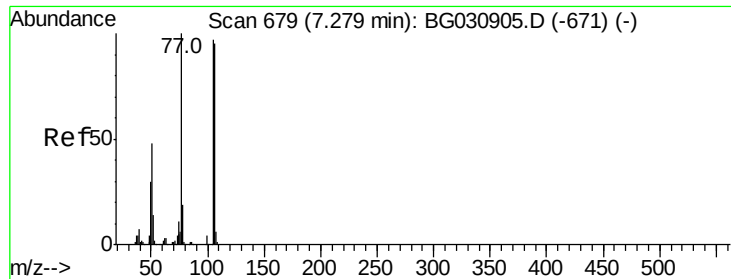
130 31.8 14.0 54.0

64 47.3 37.7 77.7



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 14.391 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.02 min

Lab File: BG031366.D

Acq: 5 Dec 2017 3:23

Instrument :

BNA_G

ClientSampleId :

IDOC-SOIL-2

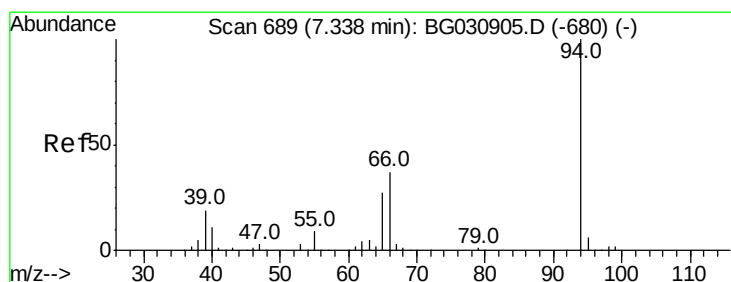
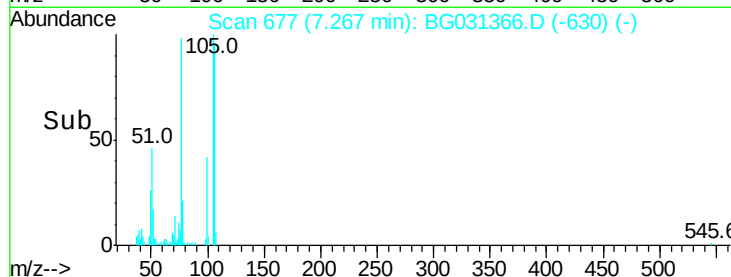
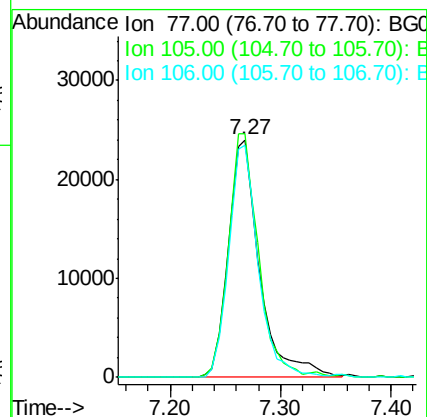
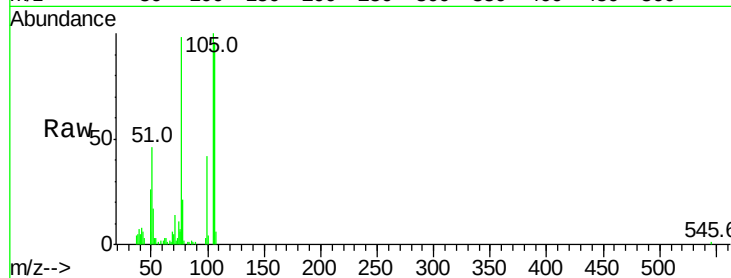
Tot Ion: 77 Resp: 47637

Ion Ratio Lower Upper

77 100

105 102.4 71.3 111.3

106 97.9 64.2 104.2



#10

Phenol

Concen: 33.290 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.02 min

Lab File: BG031366.D

Acq: 5 Dec 2017 3:23

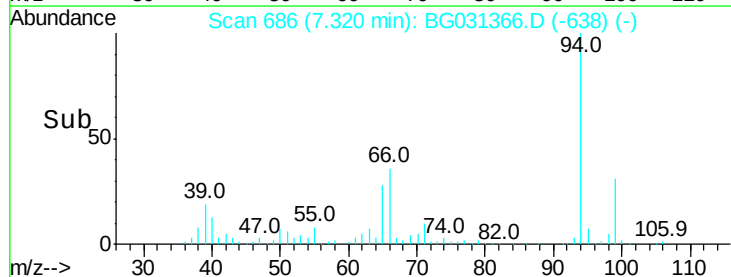
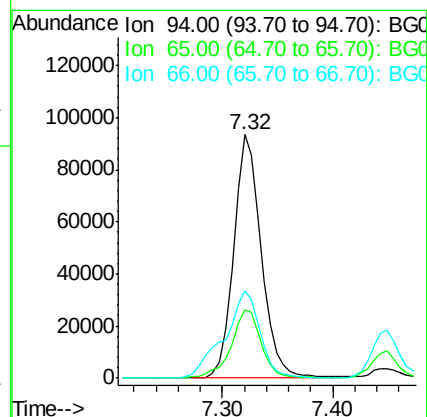
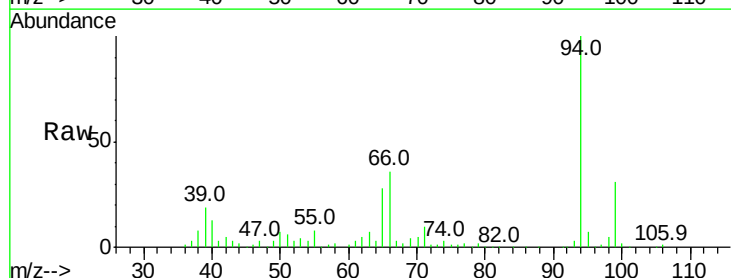
Tgt Ion: 94 Resp: 163532

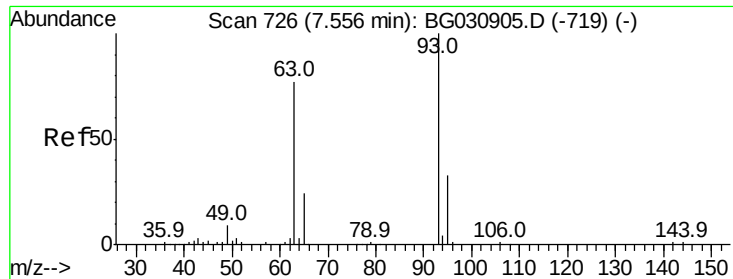
Ion Ratio Lower Upper

94 100

65 28.1 11.9 51.9

66 35.7 22.2 62.2

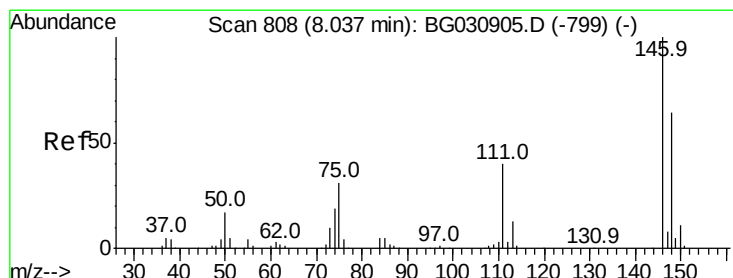
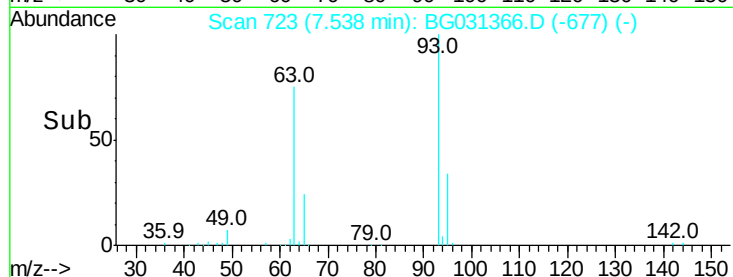
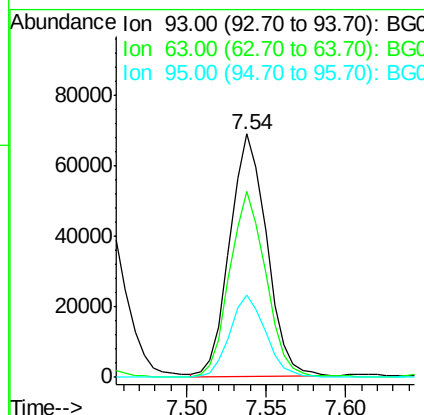
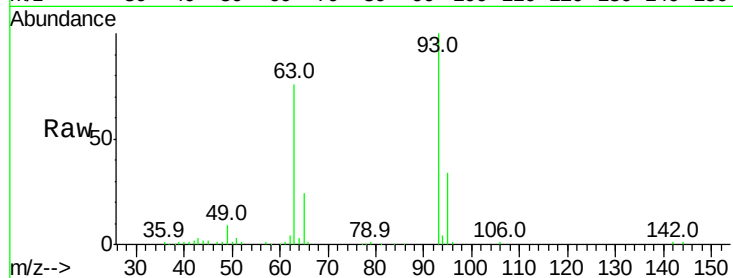




#11
bis(2-Chloroethyl)ether
Concen: 28.292 ng
RT: 7.54 min Scan# 723
Delta R.T. -0.03 min
Lab File: BG031366.D
Acq: 5 Dec 2017 3:23

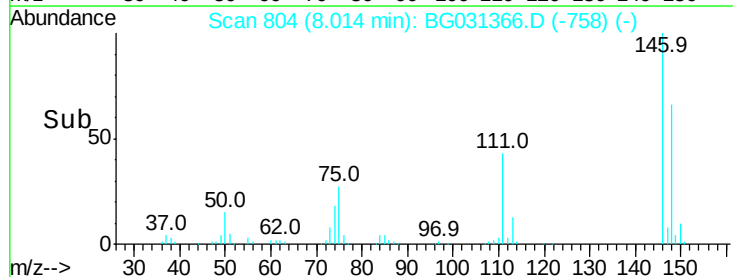
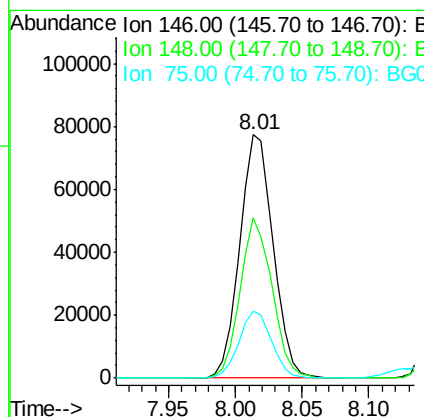
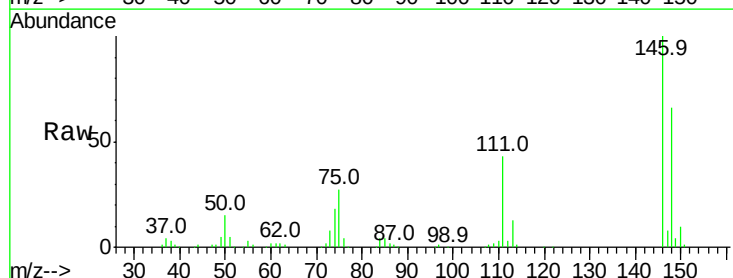
Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-2

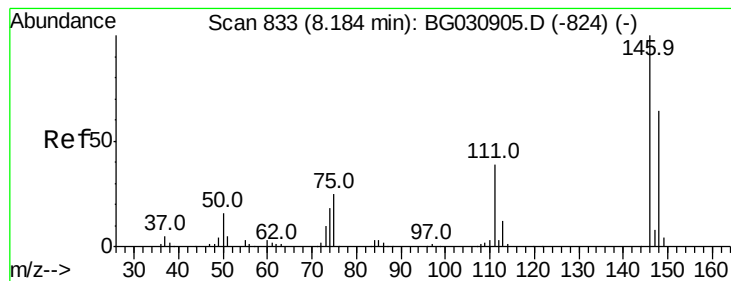
Tot Ion: 93 Resp: 110971
Ion Ratio Lower Upper
93 100
63 76.3 67.1 107.1
95 33.7 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 29.441 ng
RT: 8.01 min Scan# 804
Delta R.T. -0.03 min
Lab File: BG031366.D
Acq: 5 Dec 2017 3:23

Tgt Ion: 146 Resp: 133840
Ion Ratio Lower Upper
146 100
148 66.0 51.4 77.2
75 27.4 26.6 39.8





#13

1,4-Dichlorobenzene

Concen: 29.766 ng

RT: 8.16 min Scan# 829

Delta R.T. -0.03 min

Lab File: BG031366.D

Acq: 5 Dec 2017 3:23

Instrument :

BNA_G

ClientSampleId :

IDOC-SOIL-2

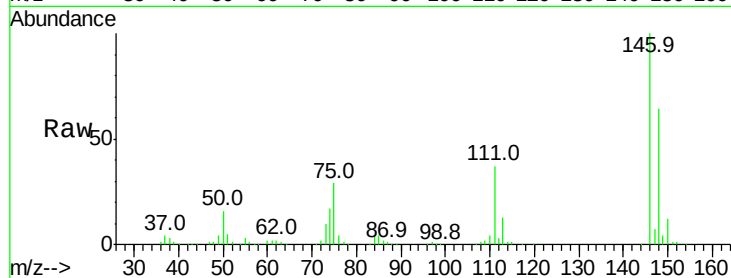
Tot Ion:146 Resp: 137127

Ion Ratio Lower Upper

146 100

148 63.9 53.7 80.5

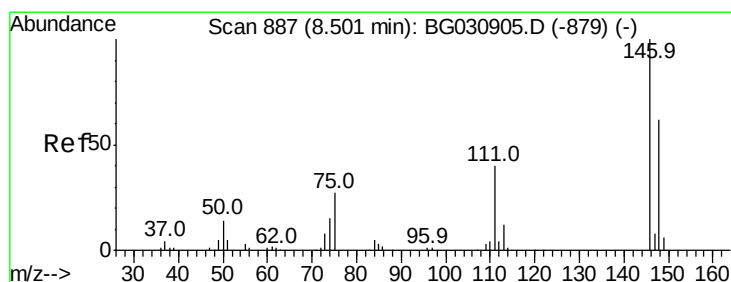
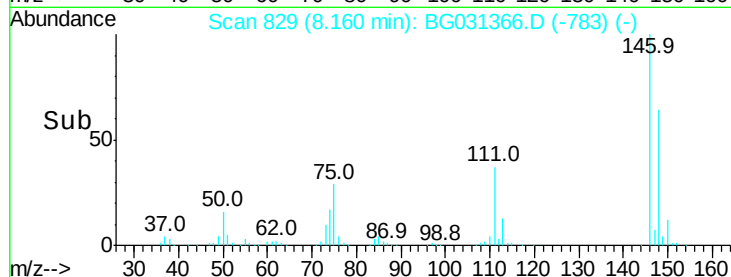
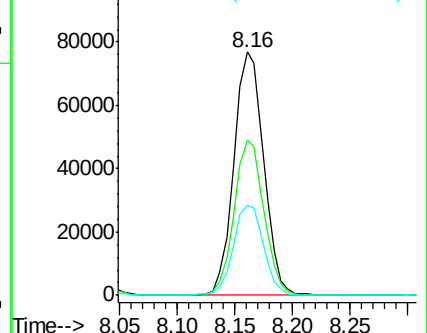
111 36.9 35.2 52.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 29.378 ng

RT: 8.48 min Scan# 884

Delta R.T. -0.03 min

Lab File: BG031366.D

Acq: 5 Dec 2017 3:23

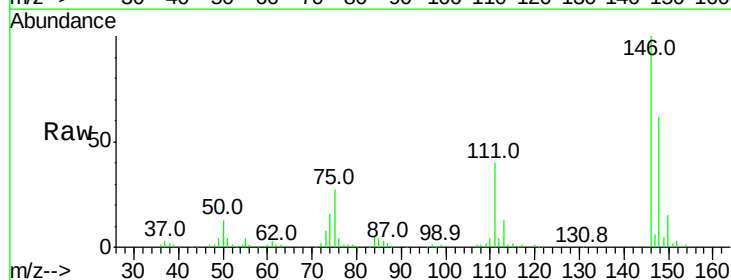
Tgt Ion:146 Resp: 129901

Ion Ratio Lower Upper

146 100

148 61.9 49.3 73.9

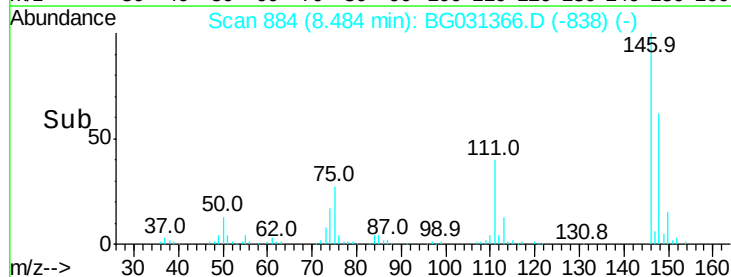
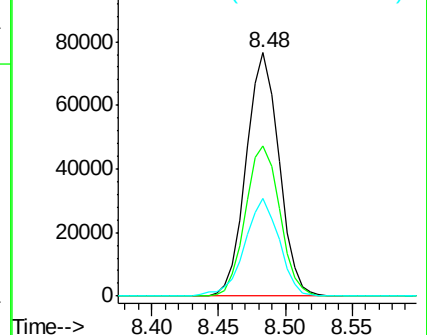
111 40.0 34.3 51.5

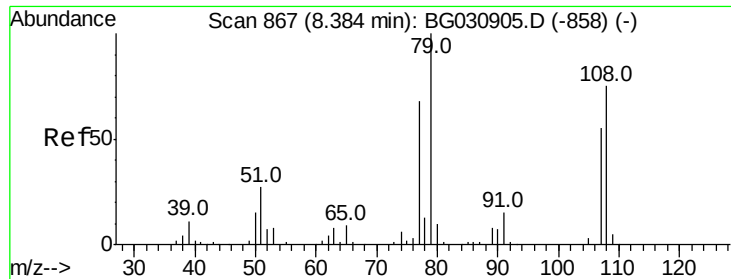


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 27.412 ng

RT: 8.37 min Scan# 864

Delta R.T. -0.02 min

Lab File: BG031366.D

Acq: 5 Dec 2017 3:23

Instrument :

BNA_G

ClientSampleId :

IDOC-SOIL-2

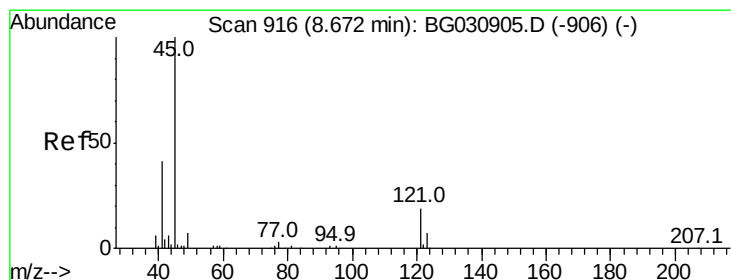
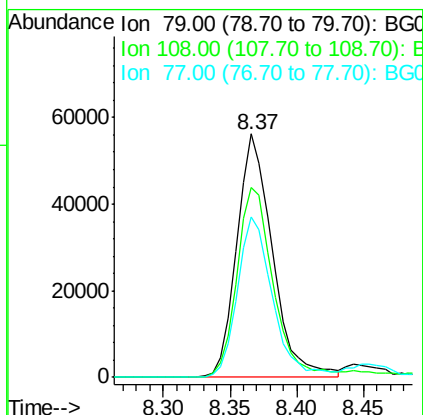
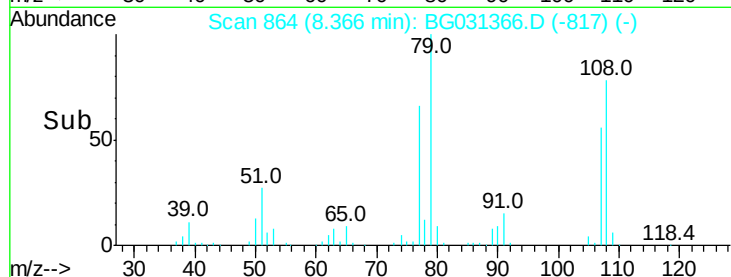
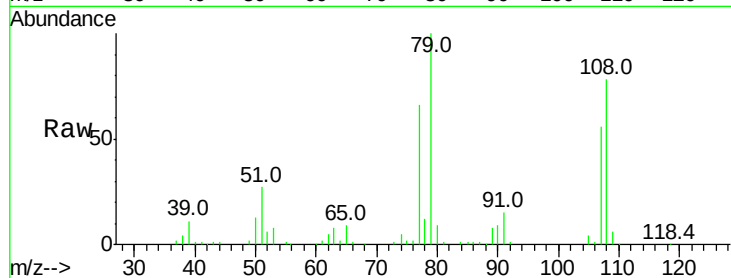
Tot Ion: 79 Resp: 104010

Ion Ratio Lower Upper

79 100

108 78.0 57.2 85.8

77 65.8 46.1 69.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.177 ng

RT: 8.65 min Scan# 912

Delta R.T. -0.03 min

Lab File: BG031366.D

Acq: 5 Dec 2017 3:23

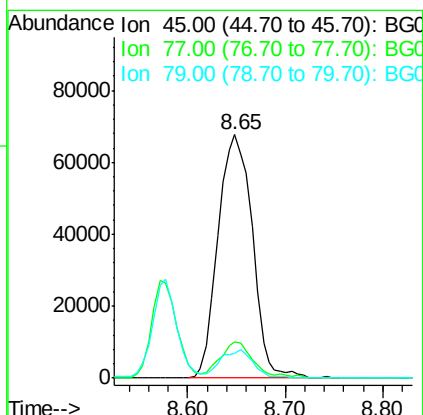
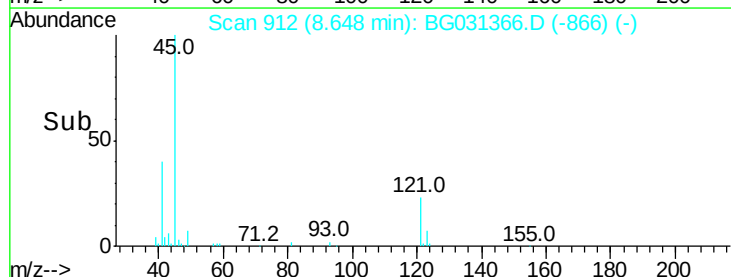
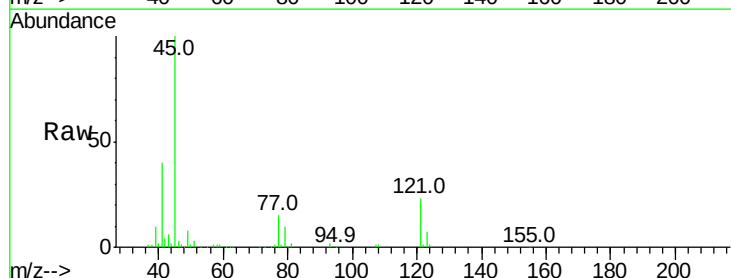
Tgt Ion: 45 Resp: 165399

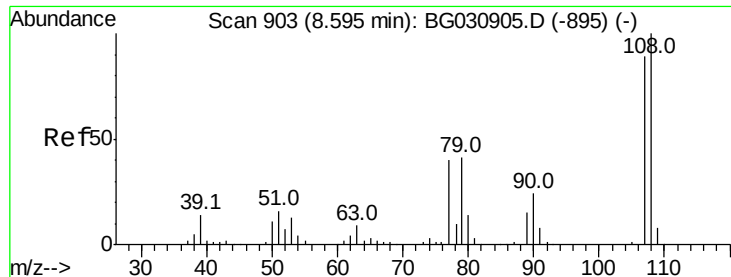
Ion Ratio Lower Upper

45 100

77 15.1 0.0 30.2

79 10.0 0.0 27.9

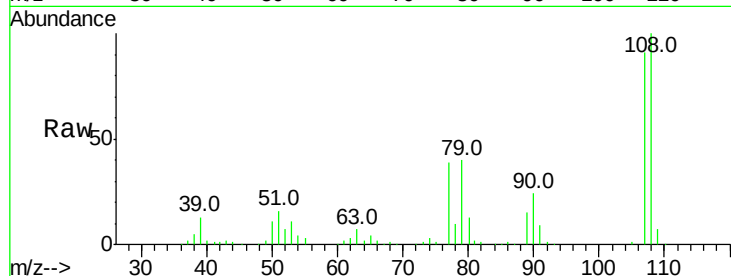




#17
2-Methylphenol
Concen: 32.199 ng
RT: 8.58 min Scan# 900
Delta R.T. -0.02 min
Lab File: BG031366.D
Acq: 5 Dec 2017 3:23

Instrument :
BNA_G
ClientSampled :
IDOC-SOIL-2

Tot Ion	Ratio	Lower	Upper
107	100		
108	109.9	83.9	125.9
77	42.7	37.2	55.8
79	44.2	36.2	54.2



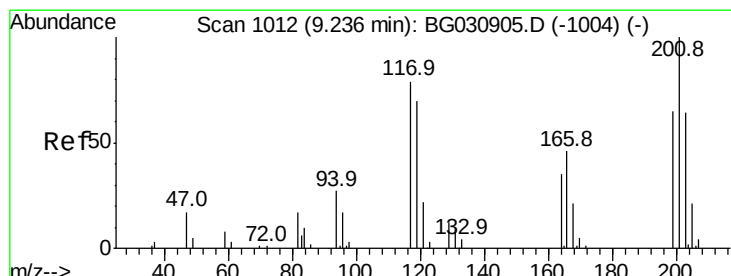
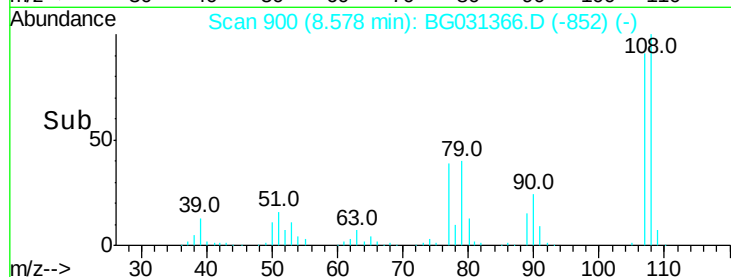
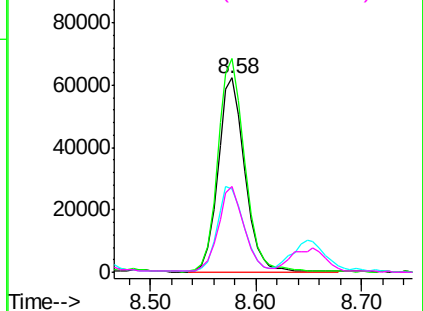
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

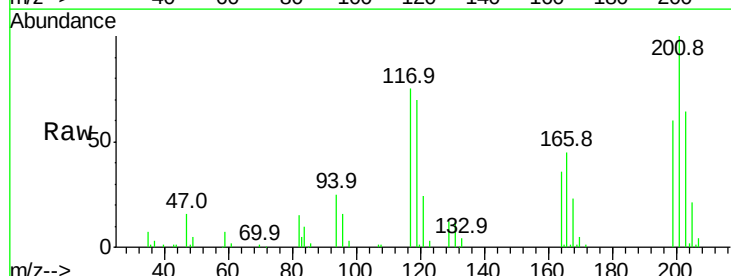
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 28.868 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.03 min
Lab File: BG031366.D
Acq: 5 Dec 2017 3:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.4	76.7	115.1
201	134.2	95.7	143.5

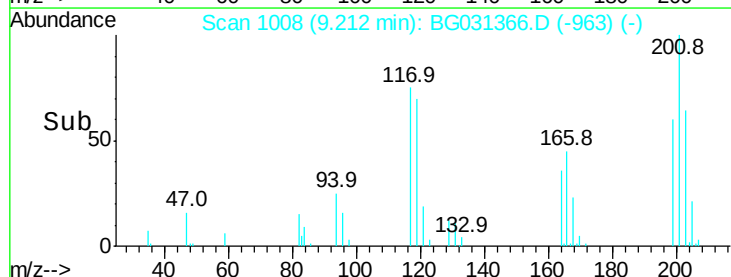
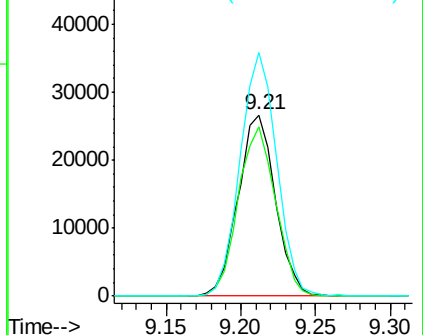


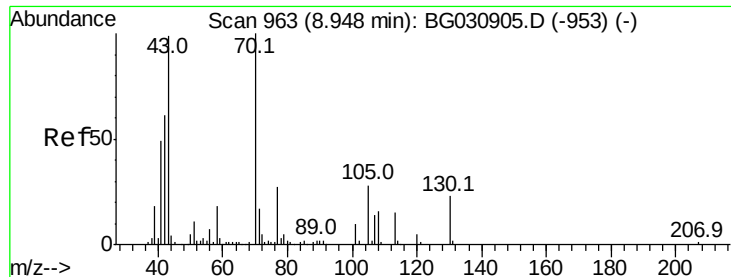
Abundance

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

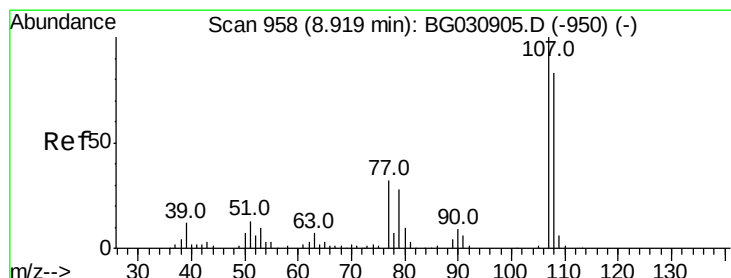
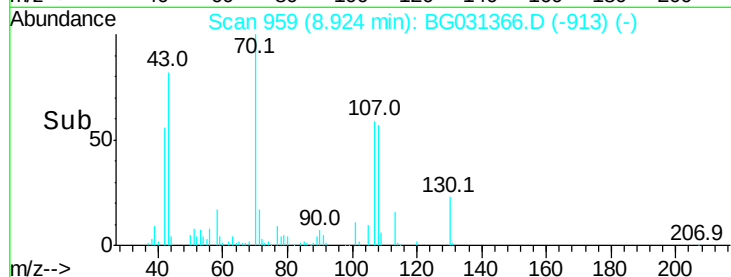
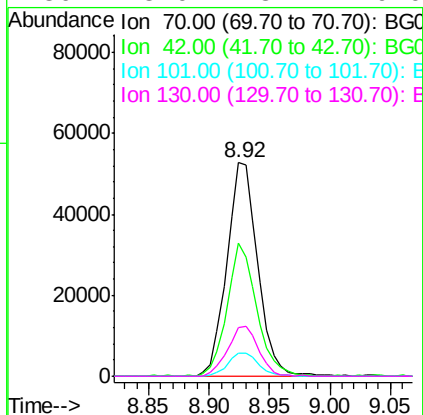
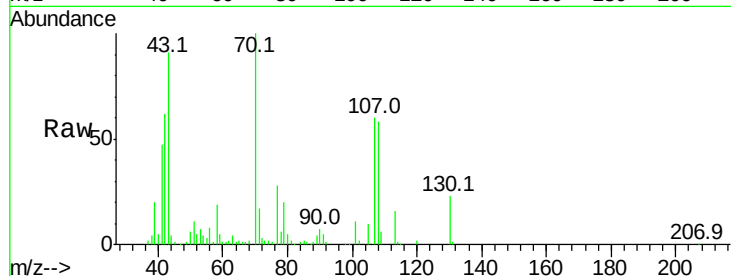




#19
n-Nitroso-di-n-propylamine
Concen: 26.009 ng
RT: 8.92 min Scan# 959
Delta R.T. -0.03 min
Lab File: BG031366.D
Acq: 5 Dec 2017 3:23

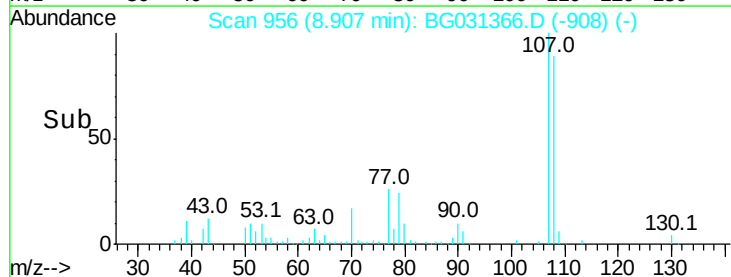
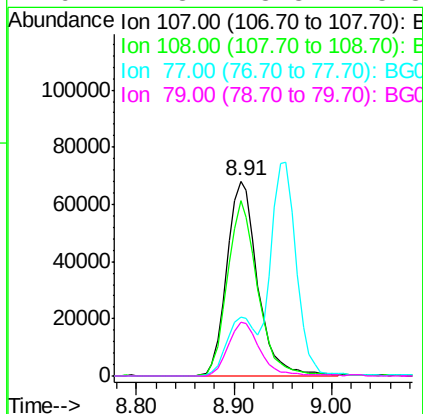
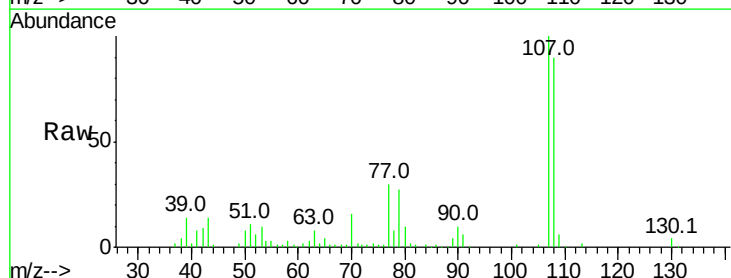
Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-2

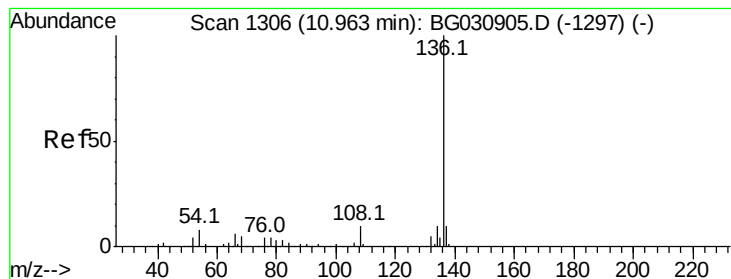
Tot Ion: 70 Resp: 93545
Ion Ratio Lower Upper
70 100
42 62.4 49.1 73.7
101 10.7 8.5 12.7
130 23.0 13.4 20.0#



#20
3+4-Methylphenols
Concen: 30.616 ng
RT: 8.91 min Scan# 956
Delta R.T. -0.02 min
Lab File: BG031366.D
Acq: 5 Dec 2017 3:23

Tgt Ion: 107 Resp: 148924
Ion Ratio Lower Upper
107 100
108 89.8 61.6 101.6
77 30.4 13.9 53.9
79 27.3 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: BG031366.D

Acq: 5 Dec 2017 3:23

Instrument :

BNA_G

ClientSampleId :

IDOC-SOIL-2

Tot Ion:136 Resp: 266668

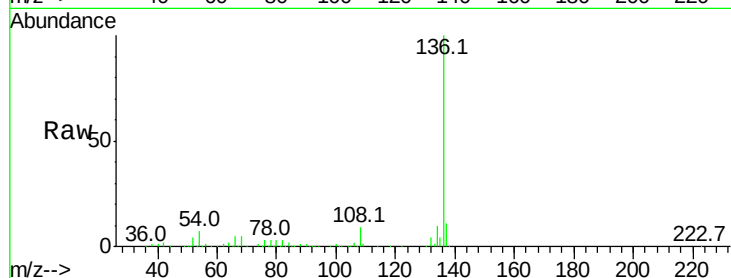
Ion Ratio Lower Upper

136 100

137 10.6 9.2 13.8

54 7.0 10.3 15.5#

68 5.0 4.5 6.7

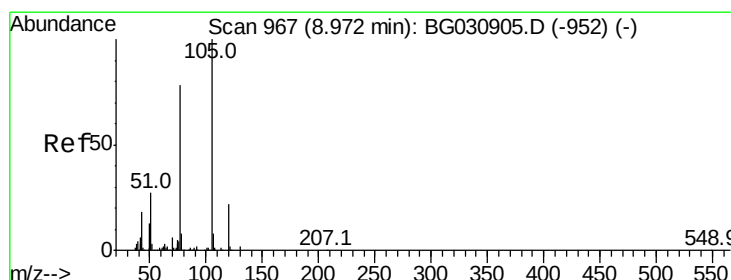
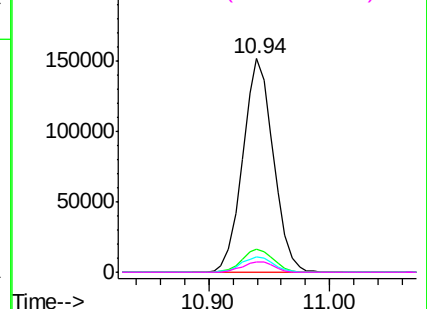
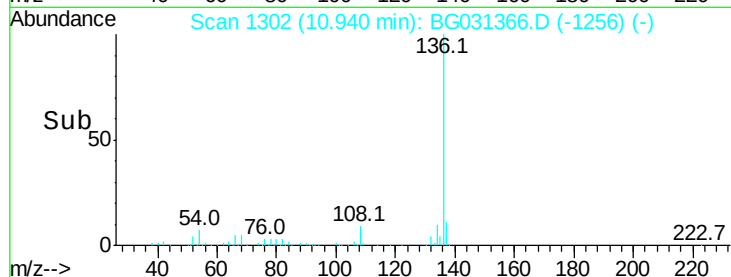


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 27.116 ng

RT: 8.95 min Scan# 964

Delta R.T. -0.02 min

Lab File: BG031366.D

Acq: 5 Dec 2017 3:23

Tgt Ion:105 Resp: 180042

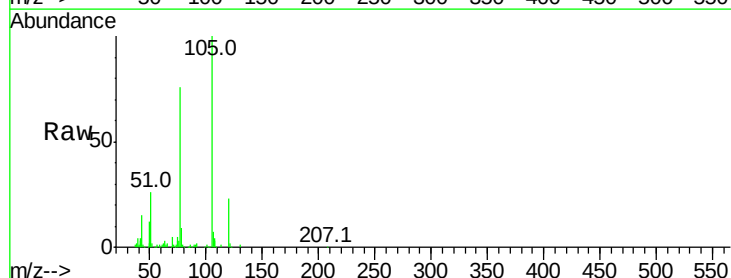
Ion Ratio Lower Upper

105 100

71 0.7 3.0 4.4#

51 26.4 26.1 39.1

120 23.4 17.4 26.2

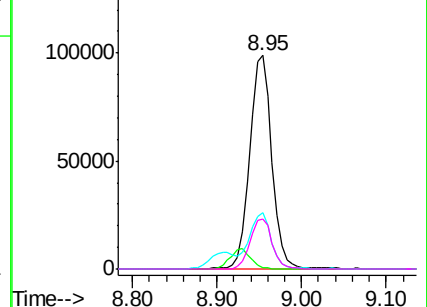
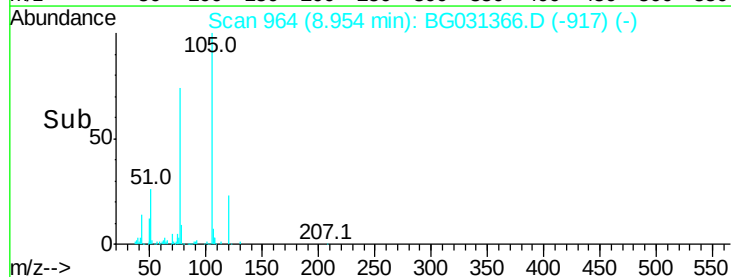


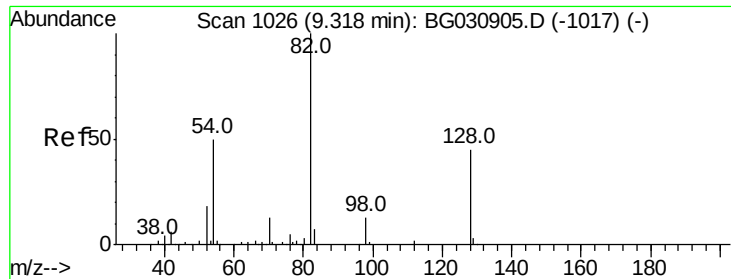
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 56.346 ng

RT: 9.29 min Scan# 1022

Delta R.T. -0.03 min

Lab File: BG031366.D

Acq: 5 Dec 2017 3:23

Instrument :

BNA_G

ClientSampleId :

IDOC-SOIL-2

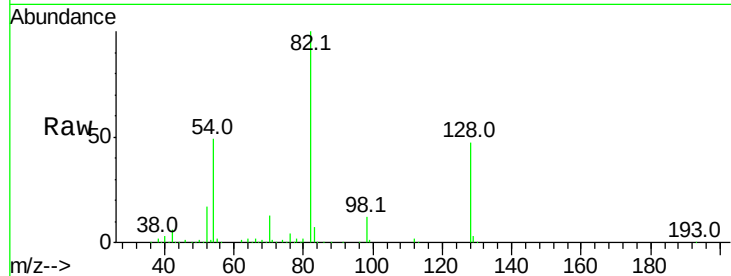
Tot Ion: 82 Resp: 253572

Ion Ratio Lower Upper

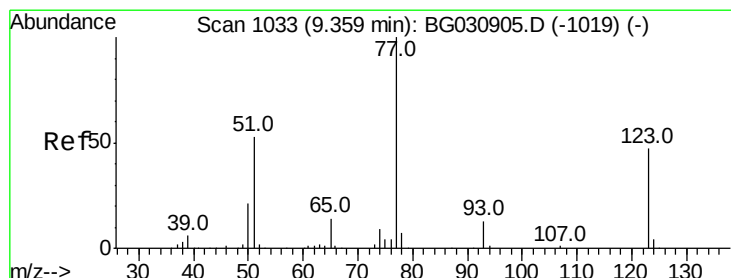
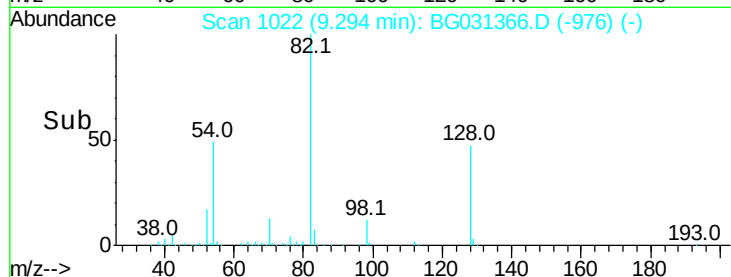
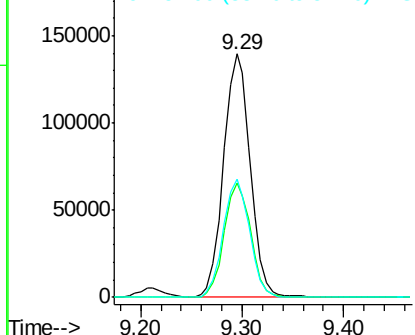
82 100

128 47.1 29.7 44.5#

54 48.7 43.1 64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#24

Nitrobenzene

Concen: 29.754 ng

RT: 9.34 min Scan# 1029

Delta R.T. -0.03 min

Lab File: BG031366.D

Acq: 5 Dec 2017 3:23

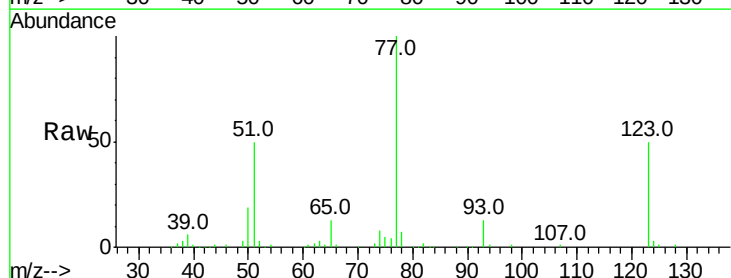
Tgt Ion: 77 Resp: 136781

Ion Ratio Lower Upper

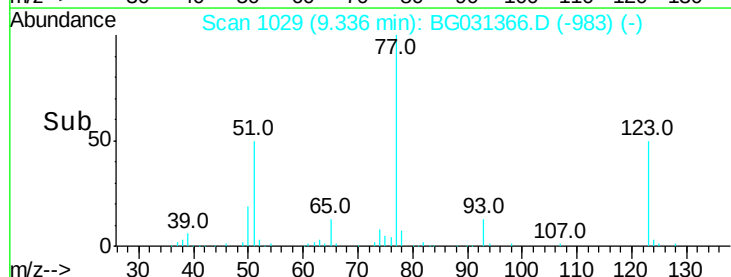
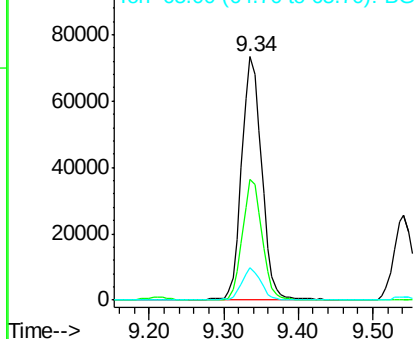
77 100

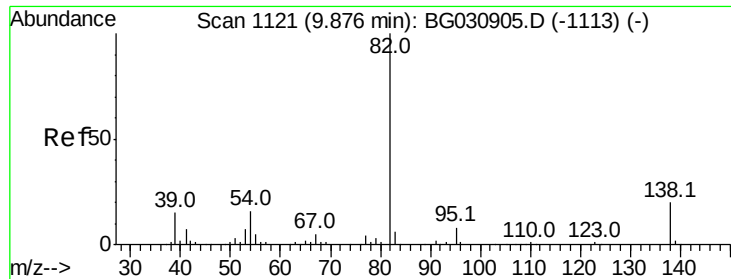
123 49.7 33.0 49.6#

65 13.1 13.0 19.6



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 30.349 ng

RT: 9.86 min Scan# 1118

Delta R.T. -0.02 min

Lab File: BG031366.D

Acq: 5 Dec 2017 3:23

Instrument :

BNA_G

ClientSampleId :

IDOC-SOIL-2

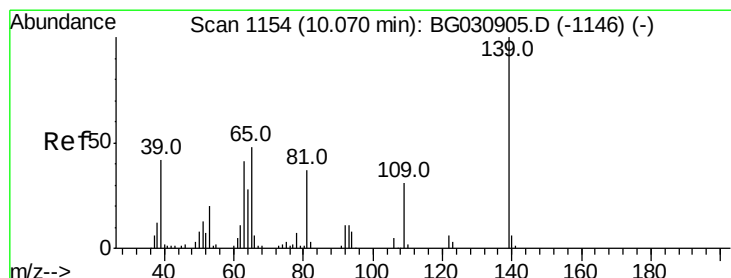
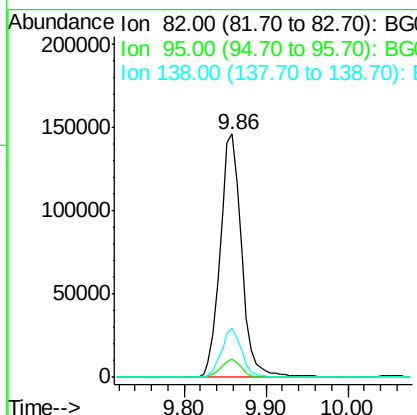
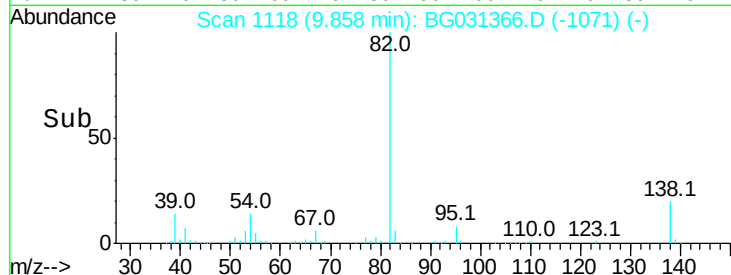
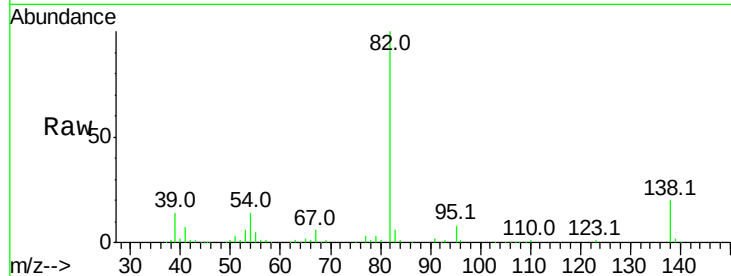
Tot Ion: 82 Resp: 266364

Ion Ratio Lower Upper

82 100

95 7.6 6.2 9.2

138 20.2 12.1 18.1#



#26

2-Nitrophenol

Concen: 31.027 ng

RT: 10.05 min Scan# 1151

Delta R.T. -0.02 min

Lab File: BG031366.D

Acq: 5 Dec 2017 3:23

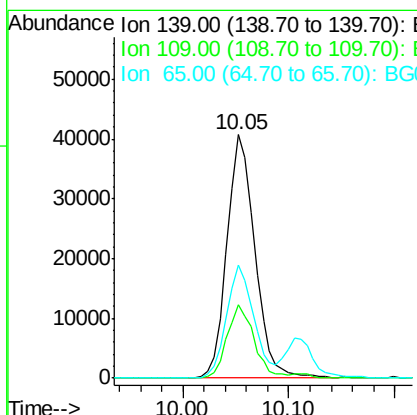
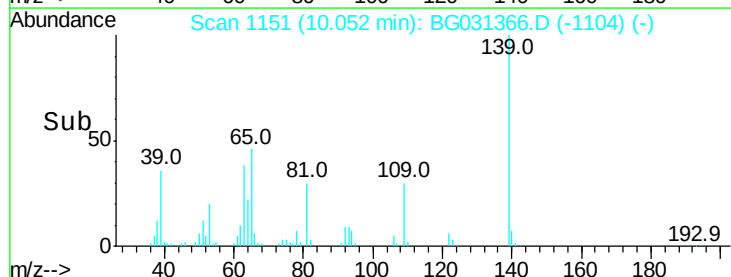
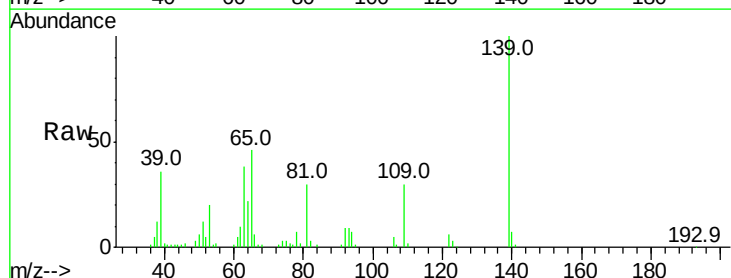
Tgt Ion:139 Resp: 74346

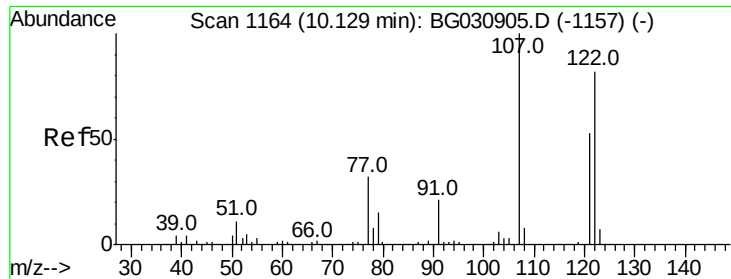
Ion Ratio Lower Upper

139 100

109 30.1 24.2 36.2

65 46.5 47.4 71.0#

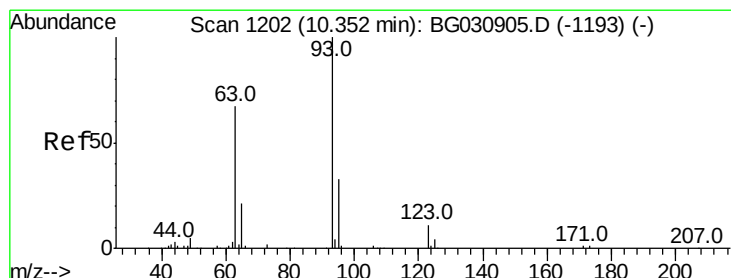
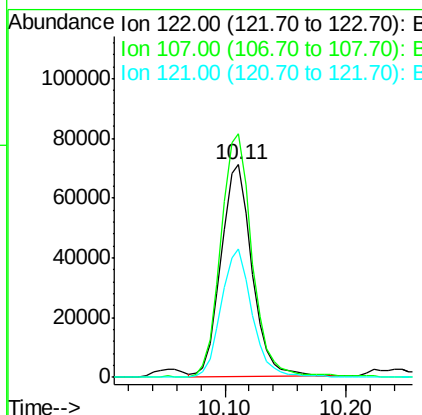
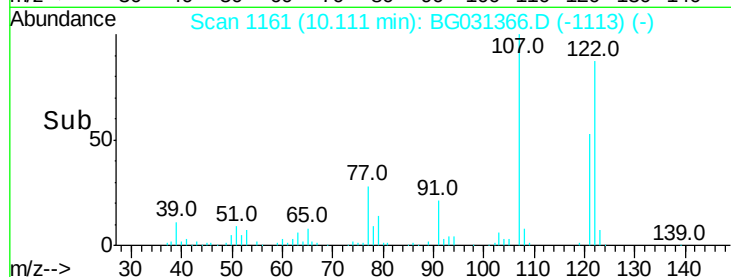
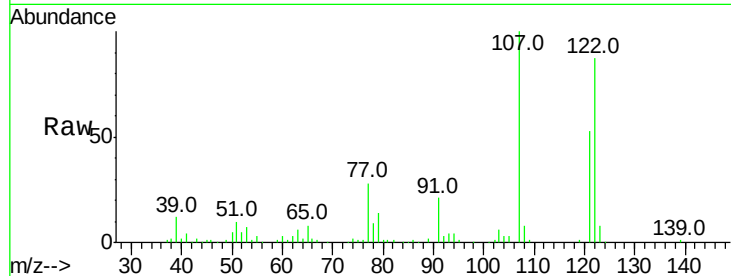




#27
 2,4-Dimethylphenol
 Concen: 35.617 ng
 RT: 10.11 min Scan# 1161
 Delta R.T. -0.02 min
 Lab File: BG031366.D
 Acq: 5 Dec 2017 3:23

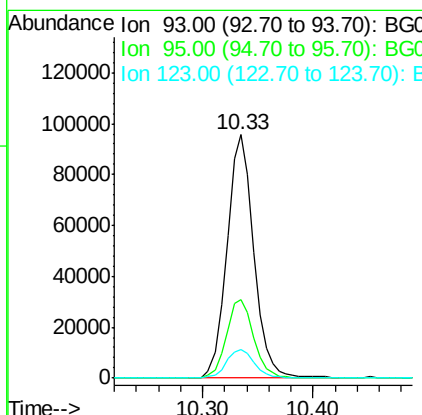
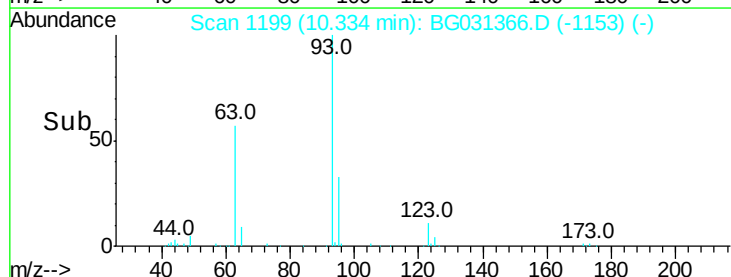
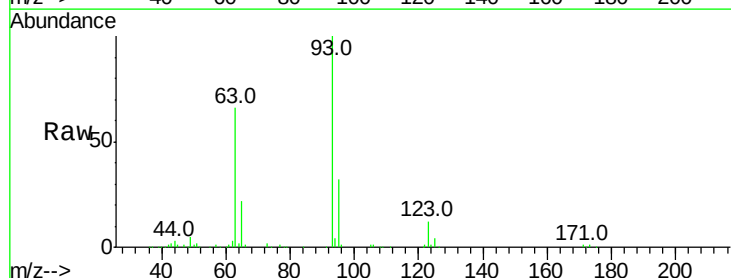
Instrument :
 BNA_G
 ClientSampleId :
 IDOC-SOIL-2

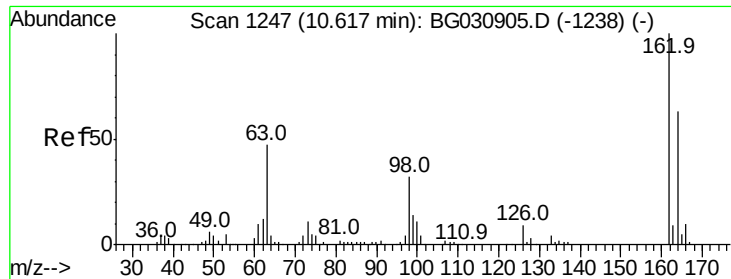
Tot Ion:122 Resp: 126701
 Ion Ratio Lower Upper
 122 100
 107 114.7 100.2 150.2
 121 60.3 44.4 66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 29.404 ng
 RT: 10.33 min Scan# 1199
 Delta R.T. -0.03 min
 Lab File: BG031366.D
 Acq: 5 Dec 2017 3:23

Tgt Ion: 93 Resp: 162539
 Ion Ratio Lower Upper
 93 100
 95 32.4 24.3 36.5
 123 11.8 8.4 12.6

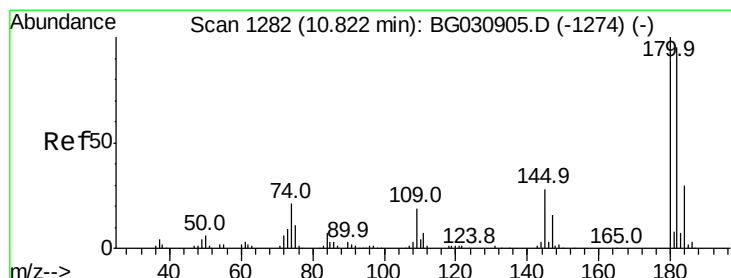
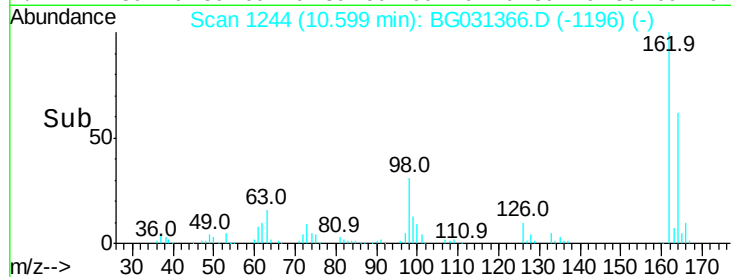
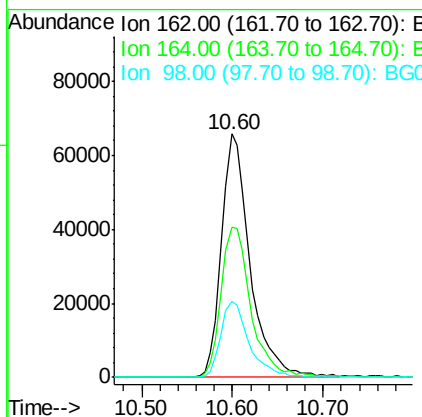
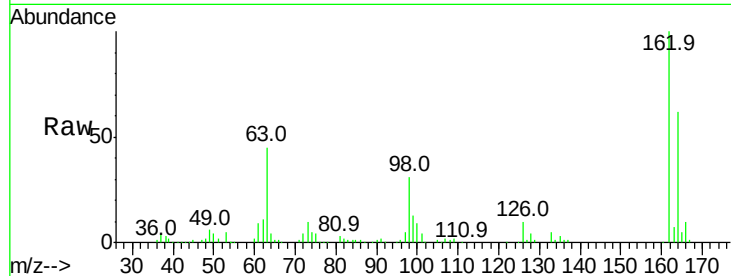




#29
 2,4-Dichlorophenol
 Concen: 33.708 ng
 RT: 10.60 min Scan# 1244
 Delta R.T. -0.02 min
 Lab File: BG031366.D
 Acq: 5 Dec 2017 3:23

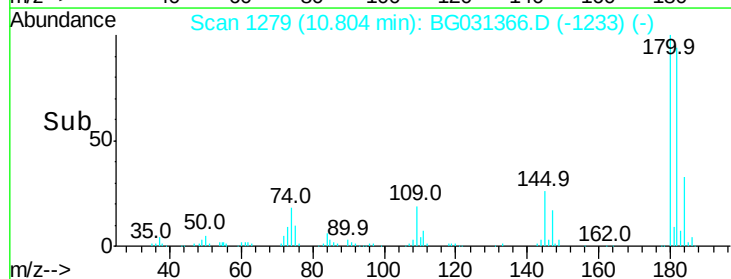
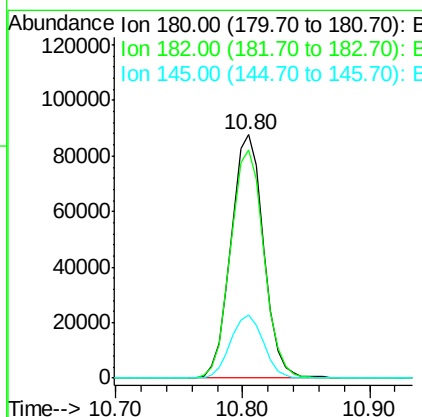
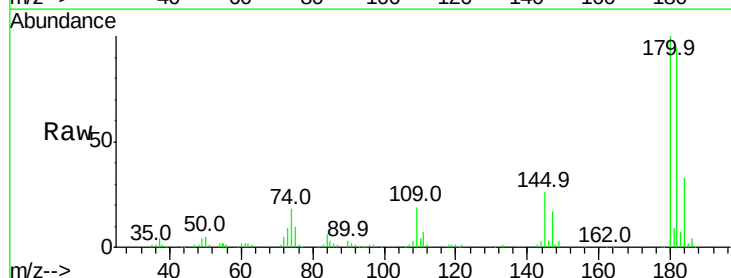
Instrument :
 BNA_G
 ClientSampleId :
 IDOC-SOIL-2

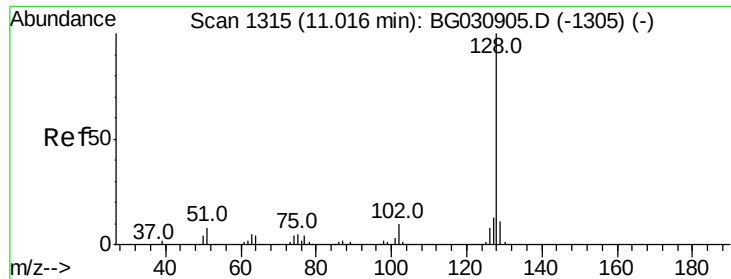
Tot Ion	Ratio	Lower	Upper
162	100		
164	61.7	48.0	88.0
98	31.0	21.1	61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 30.459 ng
 RT: 10.80 min Scan# 1279
 Delta R.T. -0.03 min
 Lab File: BG031366.D
 Acq: 5 Dec 2017 3:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	77.5	116.3
145	25.8	23.4	35.2

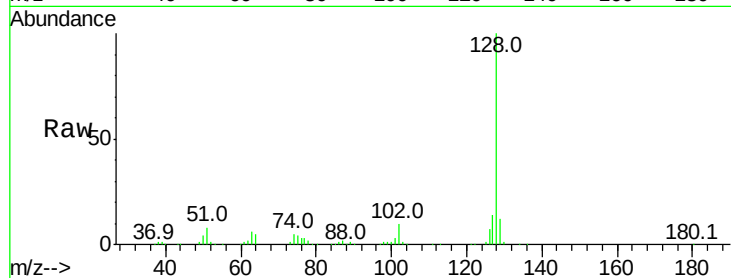




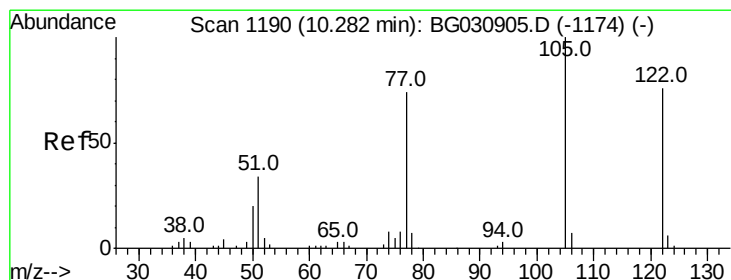
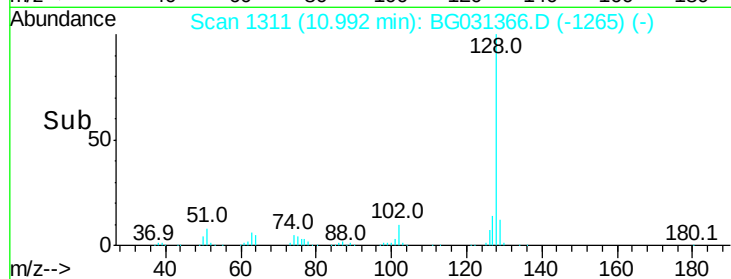
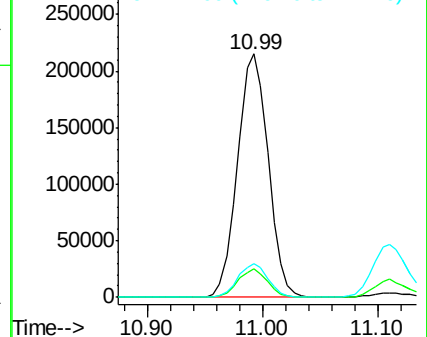
#31
Naphthalene
Concen: 30.220 ng
RT: 10.99 min Scan# 1311
Delta R.T. -0.03 min
Lab File: BG031366.D
Acq: 5 Dec 2017 3:23

Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-2

Tot Ion:128 Resp: 396163
Ion Ratio Lower Upper
128 100
129 11.6 8.6 12.8
127 13.9 11.6 17.4

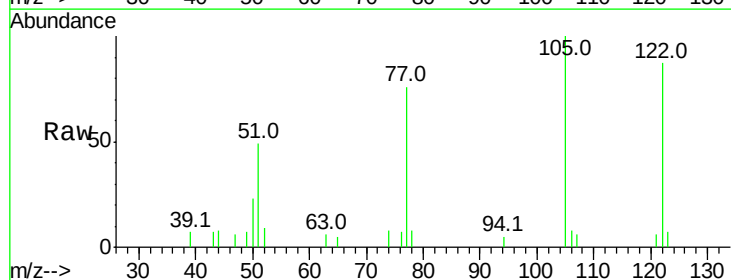


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

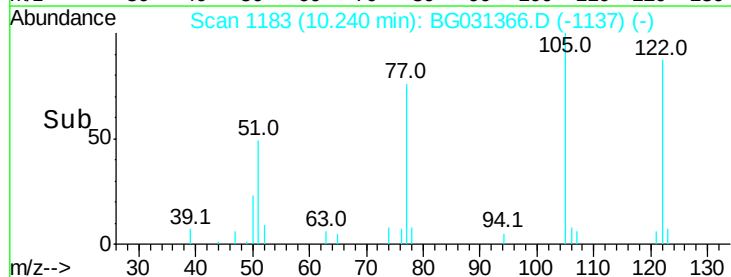
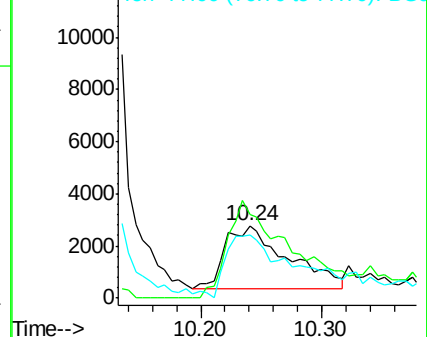


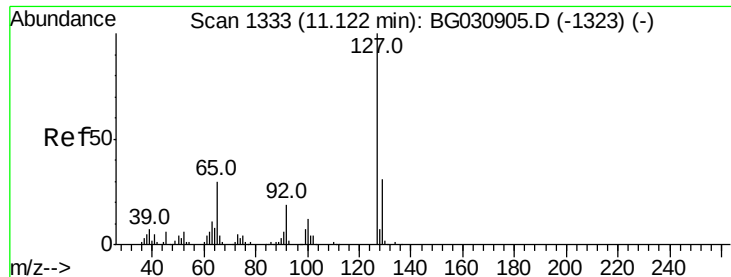
#32
Benzoic acid
Concen: 8.218 ng
RT: 10.24 min Scan# 1183
Delta R.T. -0.03 min
Lab File: BG031366.D
Acq: 5 Dec 2017 3:23

Tgt Ion:122 Resp: 8589
Ion Ratio Lower Upper
122 100
105 115.5 123.5 163.5#
77 87.8 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

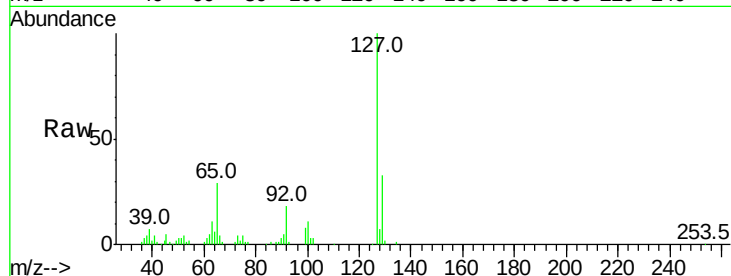




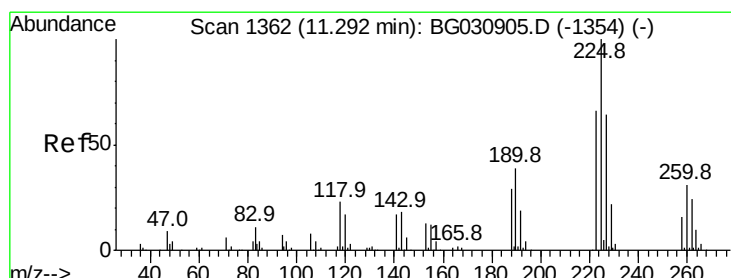
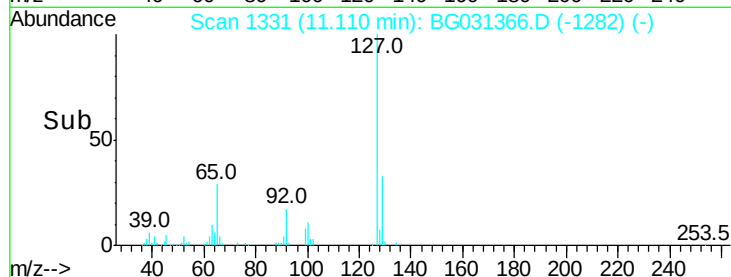
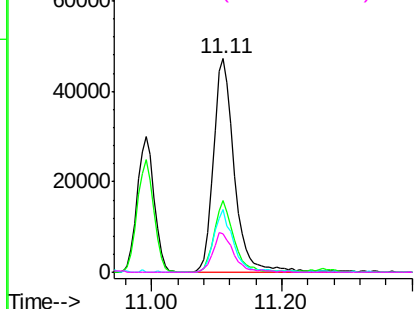
#33
4-Chloroaniline
Concen: 18.317 ng
RT: 11.11 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BG031366.D
Acq: 5 Dec 2017 3:23

Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-2

Tot Ion:	127	Resp:	105114
Ion	Ratio	Lower	Upper
127	100		
129	33.5	24.0	36.0
65	29.3	27.0	40.4
92	17.7	16.6	25.0

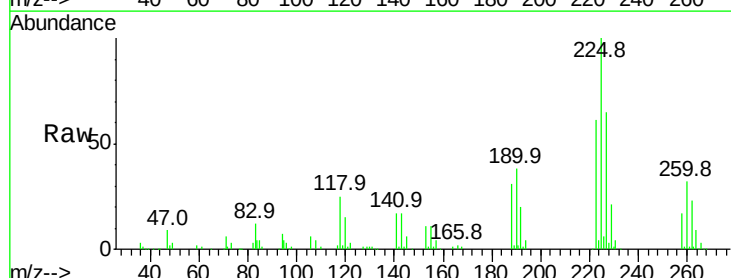


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

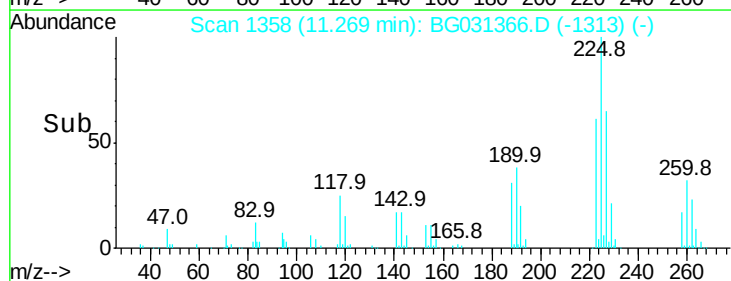
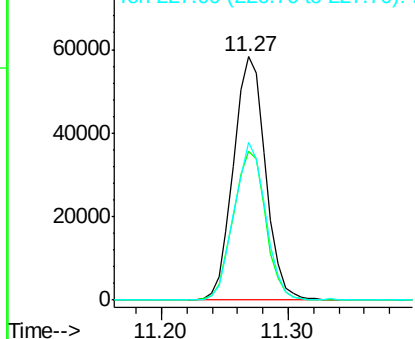


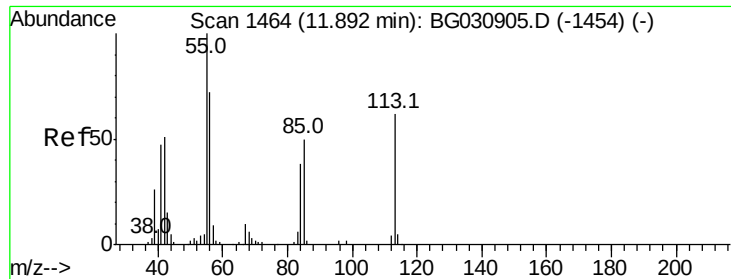
#34
Hexachlorobutadiene
Concen: 28.725 ng
RT: 11.27 min Scan# 1358
Delta R.T. -0.03 min
Lab File: BG031366.D
Acq: 5 Dec 2017 3:23

Tgt Ion:	225	Resp:	101600
Ion	Ratio	Lower	Upper
225	100		
223	60.9	49.7	74.5
227	64.7	48.1	72.1



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





#35

Caprolactam

Concen: 12.559 ng

RT: 11.87 min Scan# 1460

Delta R.T. -0.02 min

Lab File: BG031366.D

Acq: 5 Dec 2017 3:23

Instrument :

BNA_G

ClientSampleId :

IDOC-SOIL-2

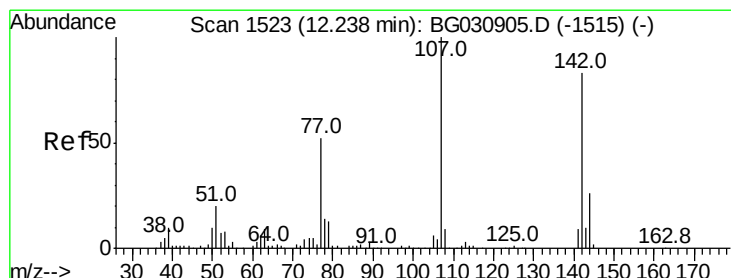
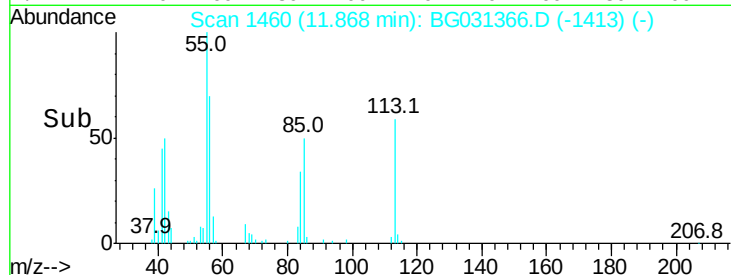
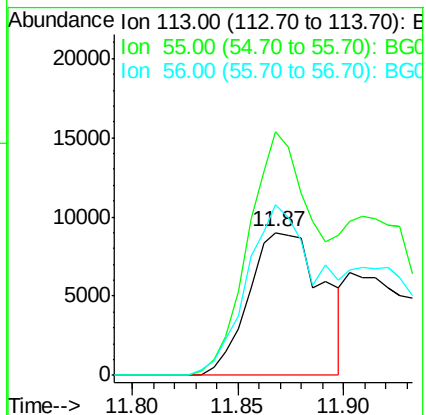
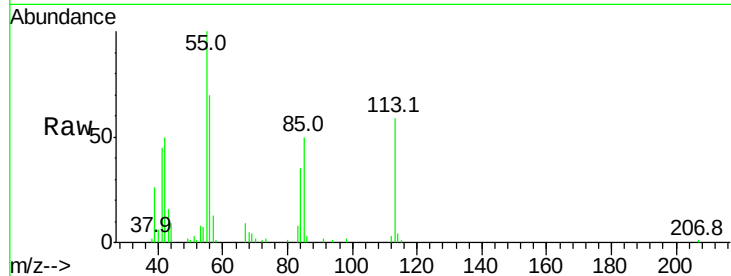
Tot Ion:113 Resp: 21916

Ion Ratio Lower Upper

113 100

55 170.8 186.9 226.9#

56 119.4 130.9 170.9#



#36

4-Chloro-3-methylphenol

Concen: 31.836 ng

RT: 12.23 min Scan# 1521

Delta R.T. -0.01 min

Lab File: BG031366.D

Acq: 5 Dec 2017 3:23

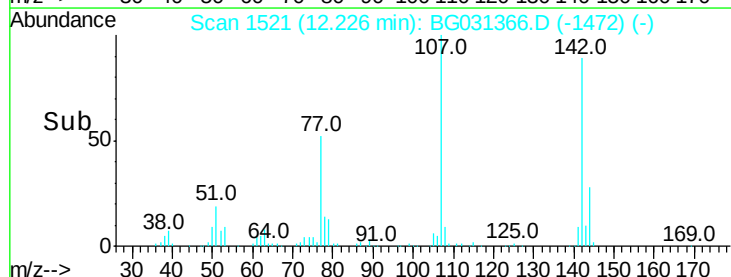
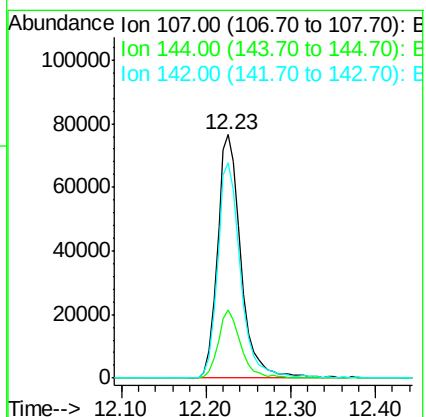
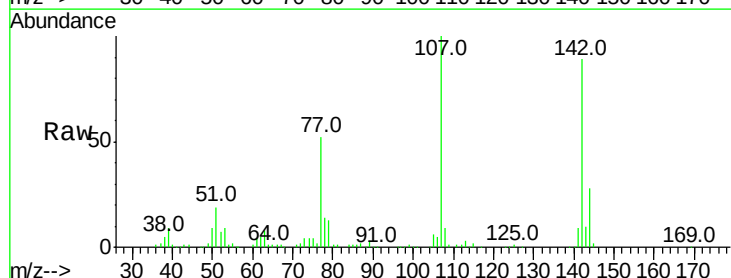
Tgt Ion:107 Resp: 148014

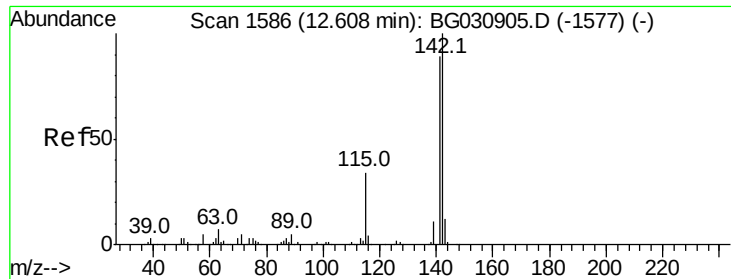
Ion Ratio Lower Upper

107 100

144 28.0 18.2 27.4#

142 88.5 59.0 88.4#

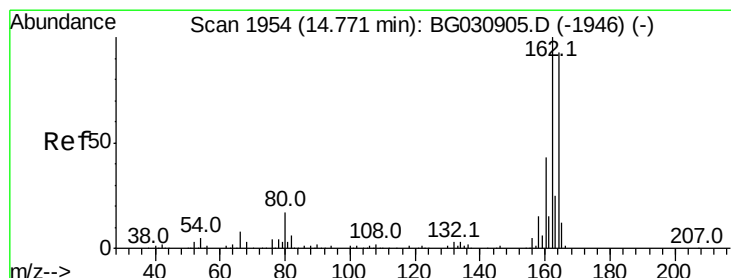
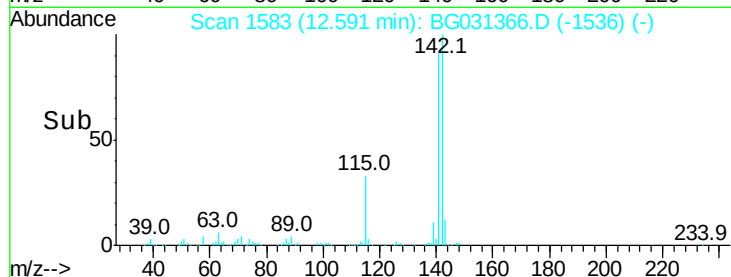
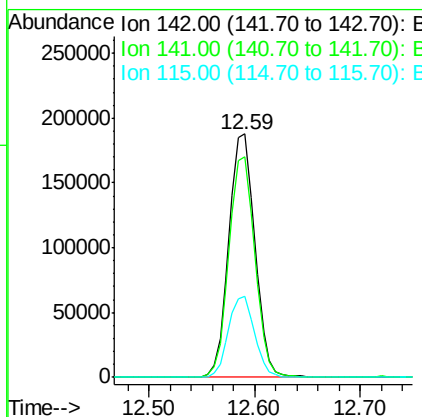
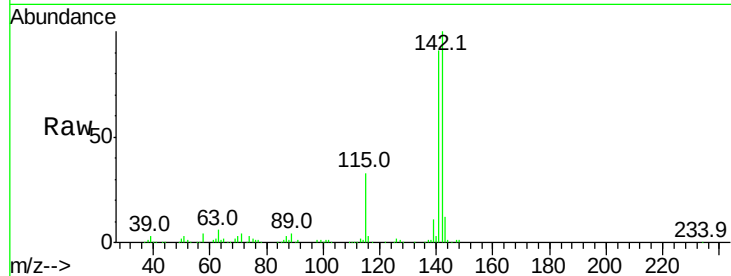




#37
2-Methylnaphthalene
Concen: 31.641 ng
RT: 12.59 min Scan# 1583
Delta R.T. -0.02 min
Lab File: BG031366.D
Acq: 5 Dec 2017 3:23

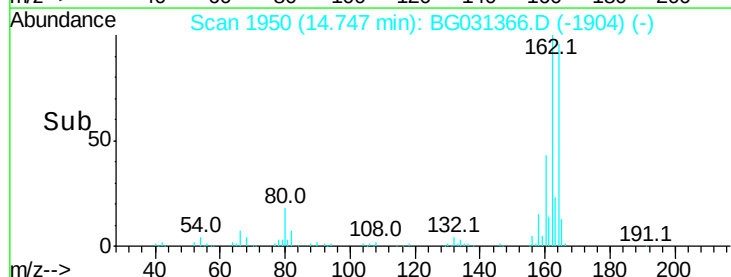
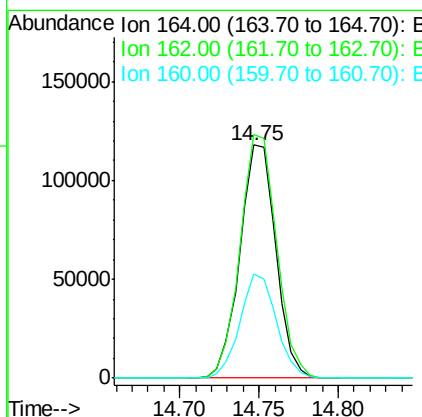
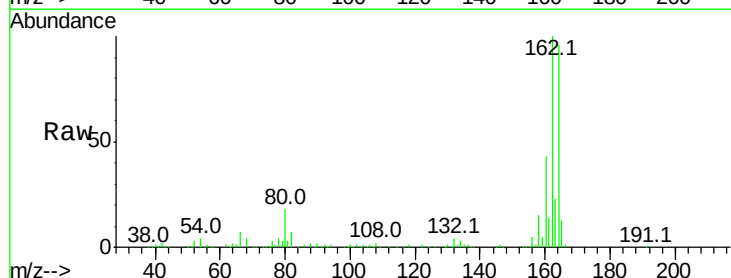
Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-2

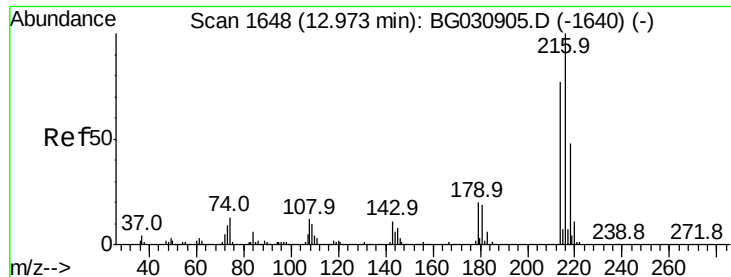
Tot Ion:142 Resp: 320202
Ion Ratio Lower Upper
142 100
141 90.6 67.1 100.7
115 33.3 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1950
Delta R.T. -0.03 min
Lab File: BG031366.D
Acq: 5 Dec 2017 3:23

Tgt Ion:164 Resp: 185797
Ion Ratio Lower Upper
164 100
162 104.5 78.8 118.2
160 44.5 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 26.568 ng

RT: 12.95 min Scan# 1645

Delta R.T. -0.02 min

Lab File: BG031366.D

Acq: 5 Dec 2017 3:23

Instrument :

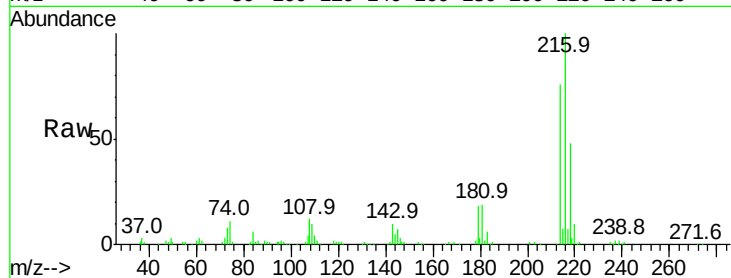
BNA_G

ClientSampleId :

IDOC-SOIL-2

Tot Ion:216 Resp: 195920

Ion	Ratio	Lower	Upper
216	100		
214	76.7	63.0	94.4
179	18.1	17.0	25.6
108	12.9	12.8	19.2

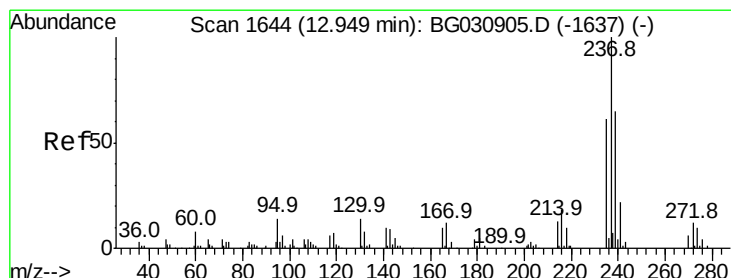
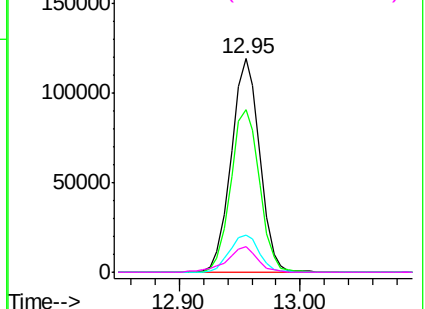
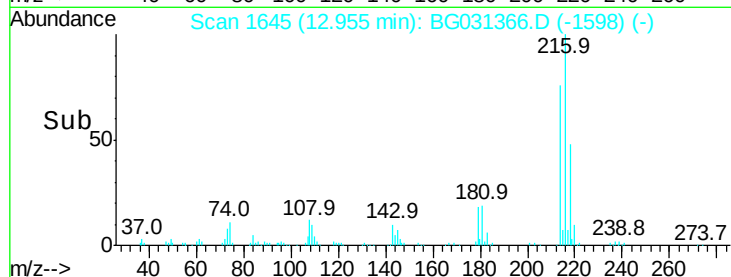


Abundance Ion 216.00 (215.70 to 216.70): E

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: 58.232 ng

RT: 12.93 min Scan# 1640

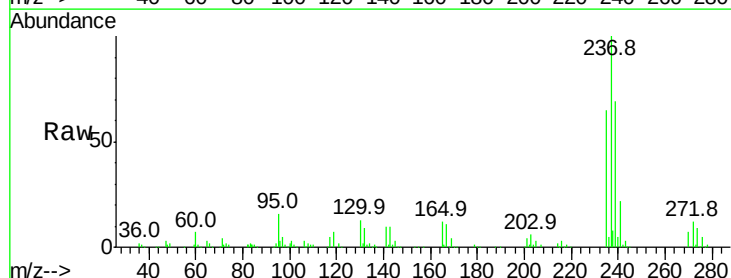
Delta R.T. -0.03 min

Lab File: BG031366.D

Acq: 5 Dec 2017 3:23

Tgt Ion:237 Resp: 149693

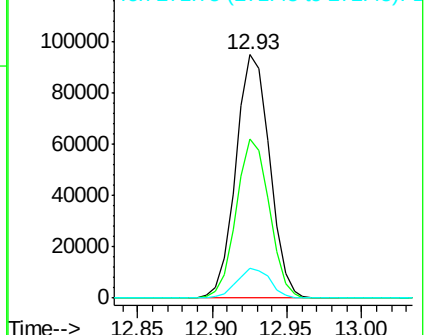
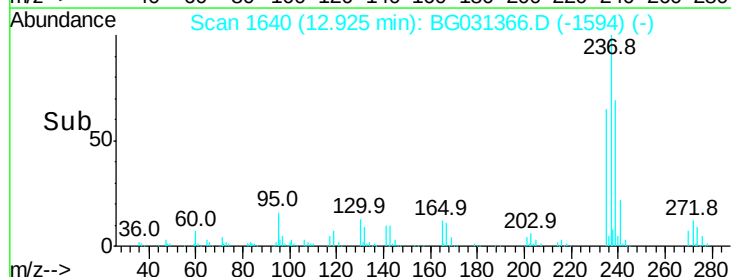
Ion	Ratio	Lower	Upper
237	100		
235	65.4	50.4	90.4
272	12.2	0.0	31.8

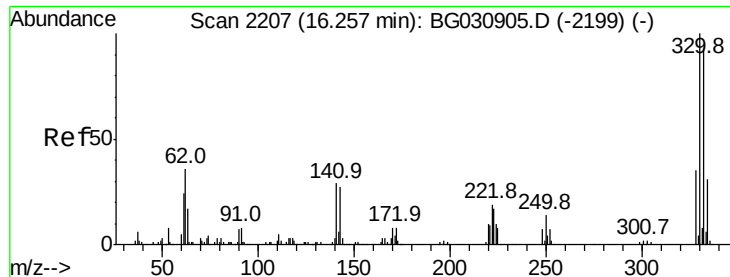


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

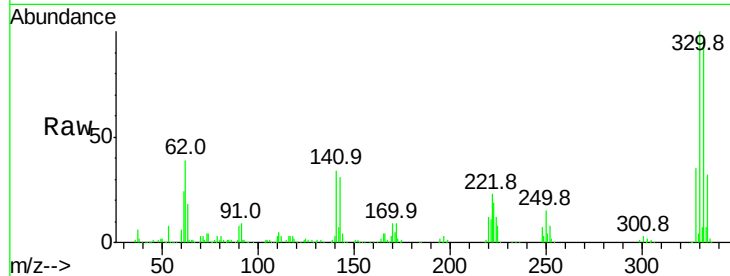




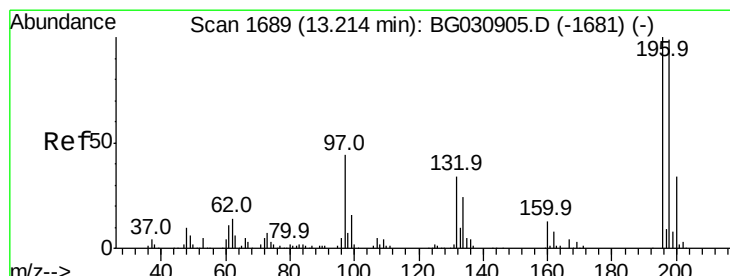
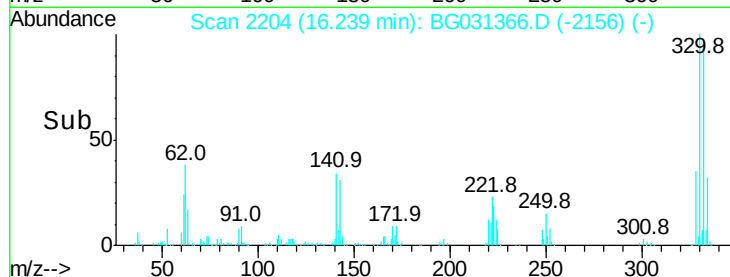
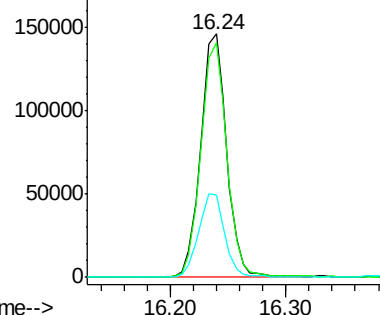
#41
 2,4,6-Tribromophenol
 Concen: 75.883 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. -0.02 min
 Lab File: BG031366.D
 Acq: 5 Dec 2017 3:23

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-SOIL-2

Tot Ion:330 Resp: 228072
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.0 115.6
 141 34.4 25.2 37.8

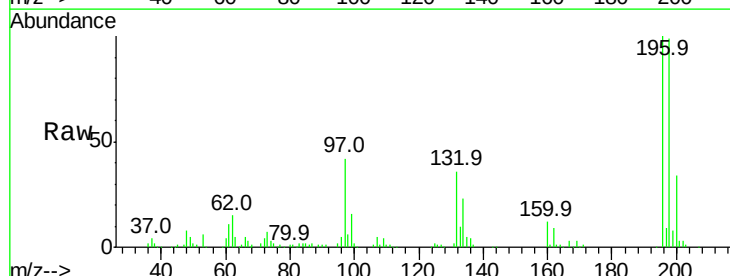


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

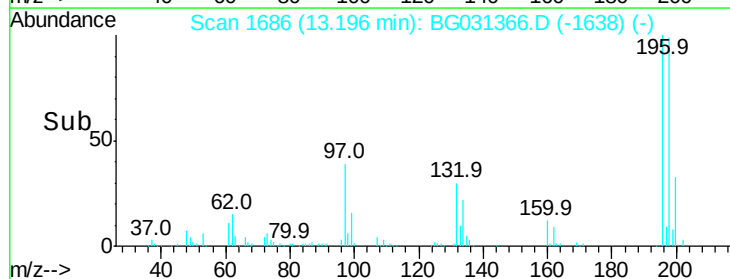
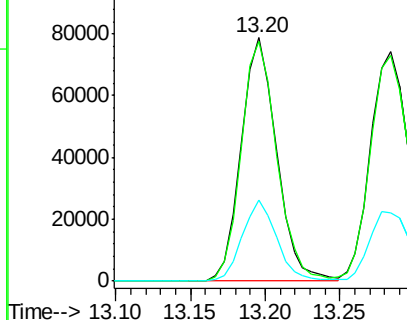


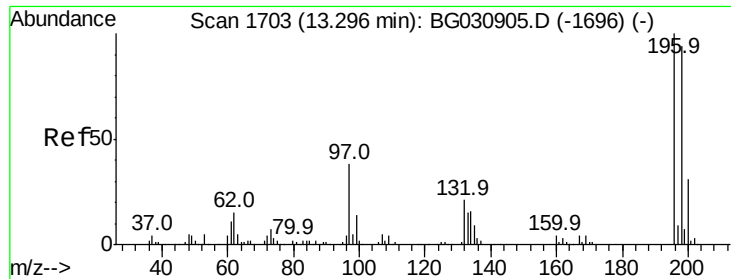
#42
 2,4,6-Trichlorophenol
 Concen: 30.815 ng
 RT: 13.20 min Scan# 1686
 Delta R.T. -0.02 min
 Lab File: BG031366.D
 Acq: 5 Dec 2017 3:23

Tgt Ion:196 Resp: 129905
 Ion Ratio Lower Upper
 196 100
 198 98.6 78.2 117.2
 200 33.5 24.6 36.8



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

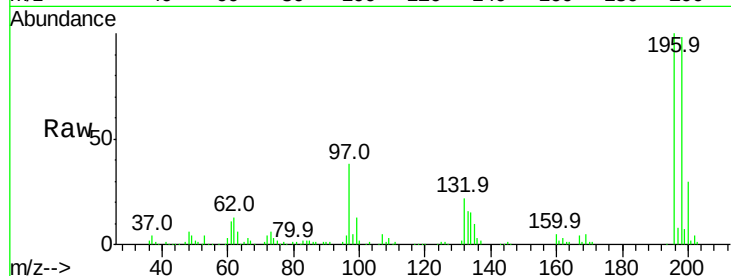




#43
 2,4,5-Trichlorophenol
 Concen: 30.818 ng
 RT: 13.28 min Scan# 1701
 Delta R.T. -0.00 min
 Lab File: BG031366.D
 Acq: 5 Dec 2017 3:23

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-SOIL-2

Tot Ion	Ratio	Lower	Upper
196	100		
198	98.1	76.2	114.4
97	38.1	38.7	58.1#
132	21.8	20.2	30.2



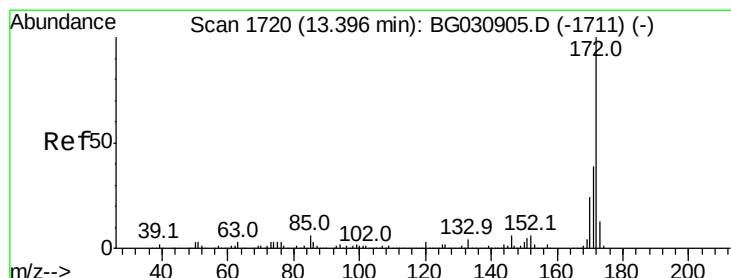
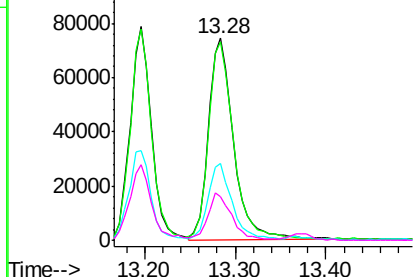
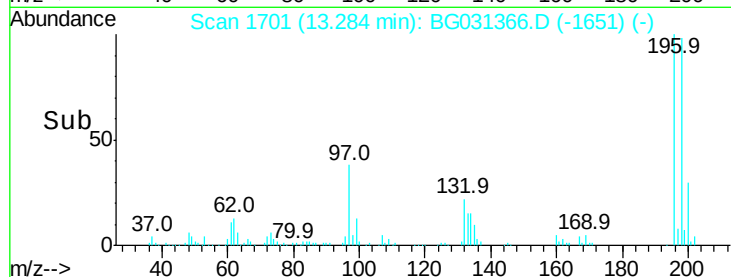
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

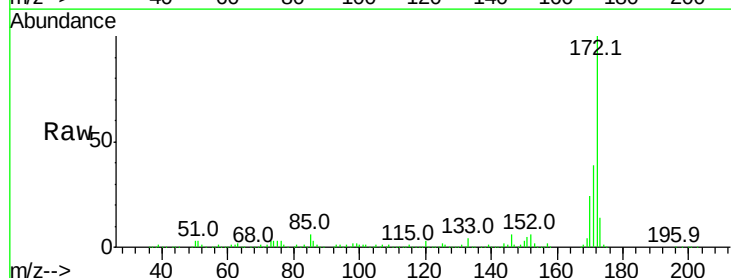
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 60.868 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. -0.03 min
 Lab File: BG031366.D
 Acq: 5 Dec 2017 3:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.0	30.0	45.0
170	24.3	19.5	29.3

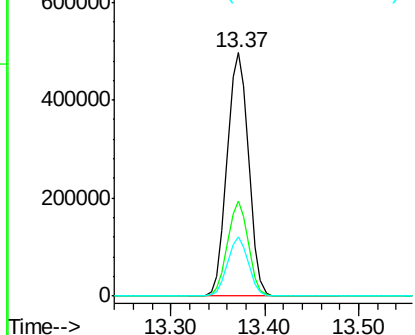
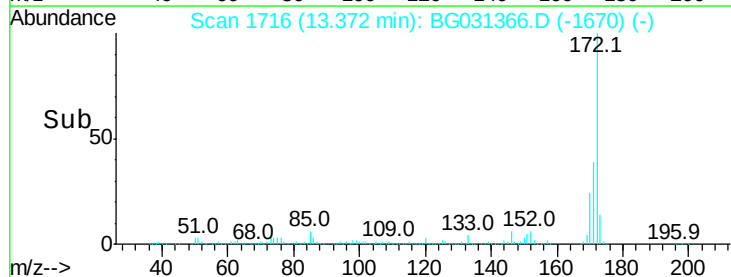


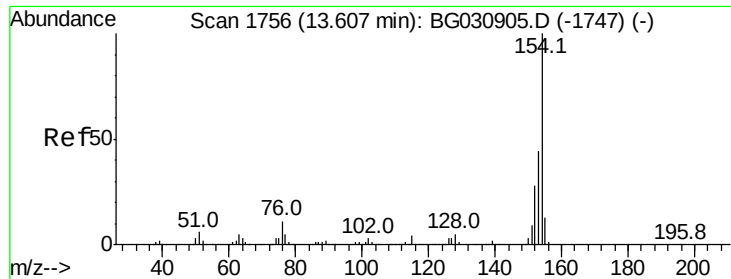
Abundance

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

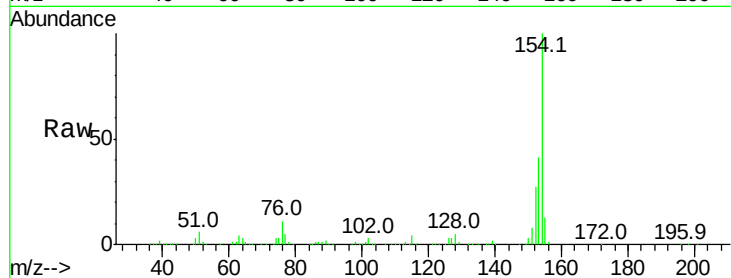




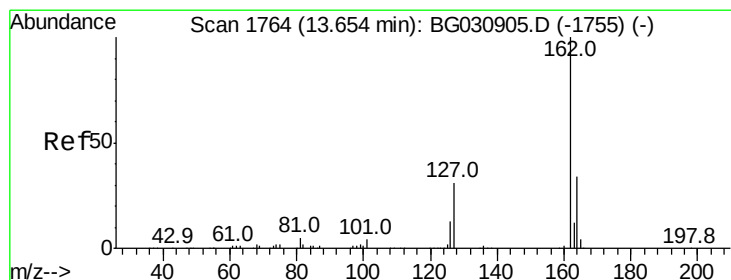
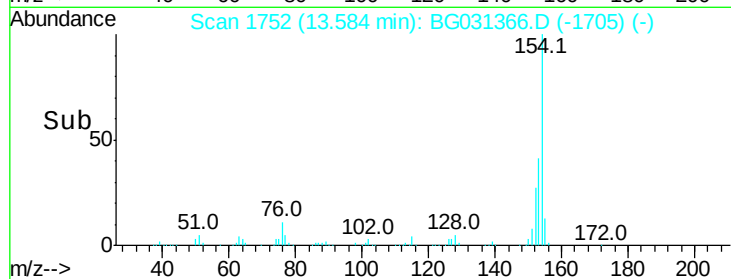
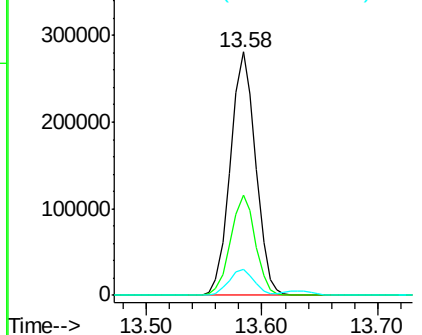
#45
 1,1'-Biphenyl
 Concen: 27.622 ng
 RT: 13.58 min Scan# 1752
 Delta R.T. -0.02 min
 Lab File: BG031366.D
 Acq: 5 Dec 2017 3:23

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-SOIL-2

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.0	19.8	59.8
76	10.6	0.0	31.9

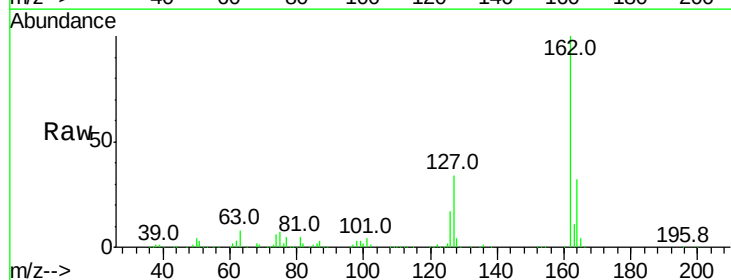


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

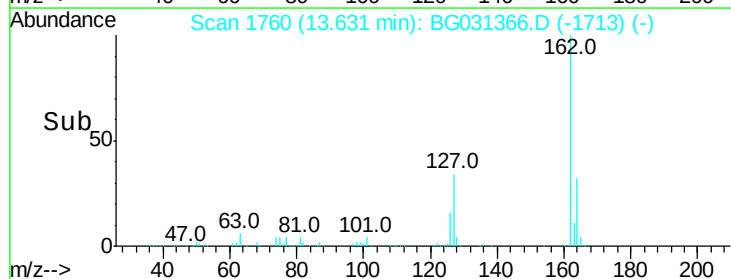
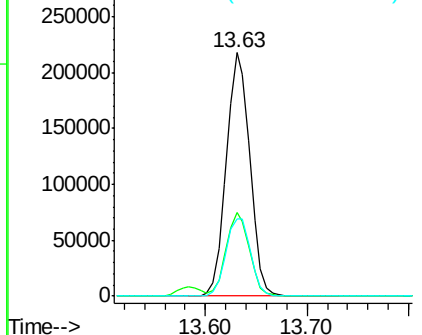


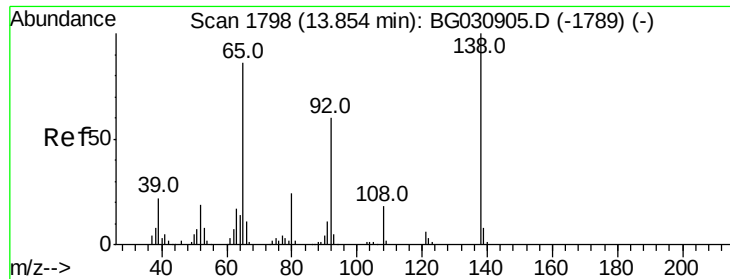
#46
 2-Chloronaphthalene
 Concen: 31.425 ng
 RT: 13.63 min Scan# 1760
 Delta R.T. -0.02 min
 Lab File: BG031366.D
 Acq: 5 Dec 2017 3:23

Tgt Ion	Ratio	Lower	Upper
162	100		
127	34.5	30.7	46.1
164	31.8	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

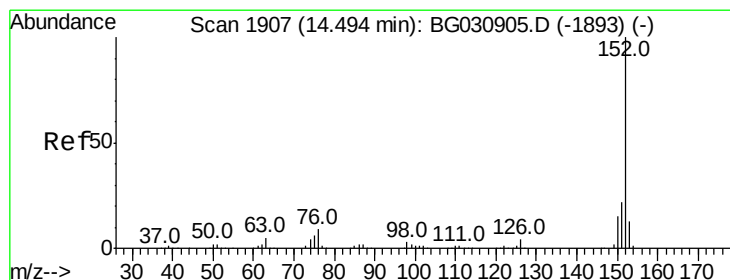
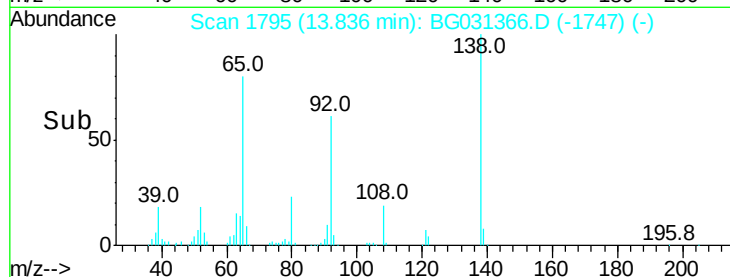
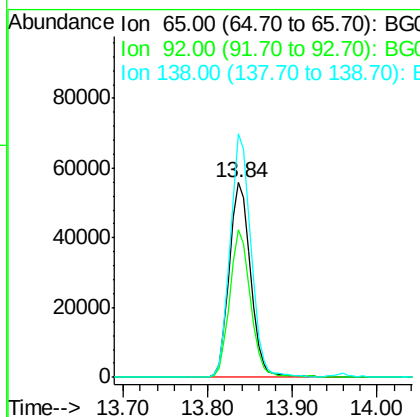
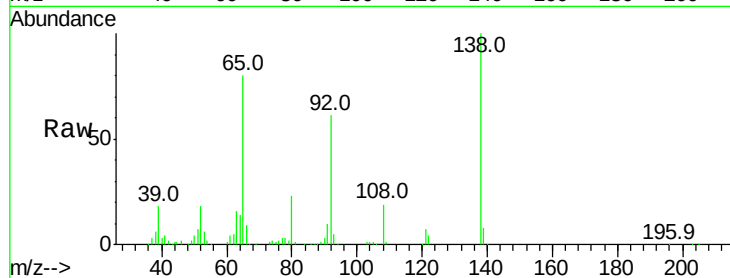




#47
2-Nitroaniline
Concen: 29.393 ng
RT: 13.84 min Scan# 1795
Delta R.T. -0.02 min
Lab File: BG031366.D
Acq: 5 Dec 2017 3:23

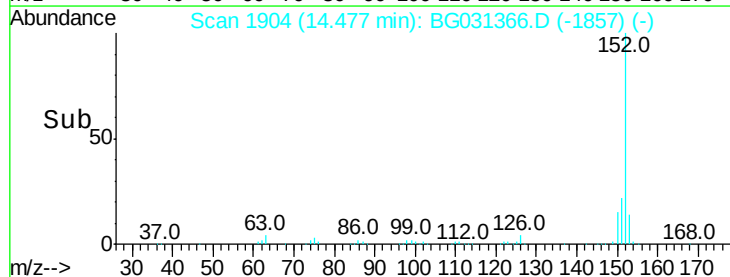
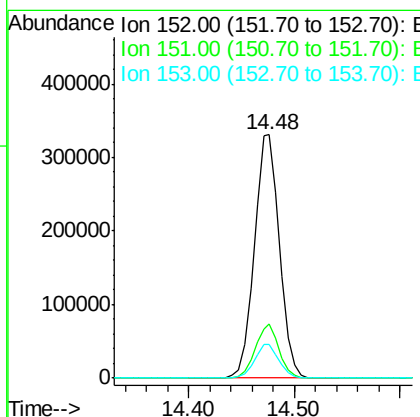
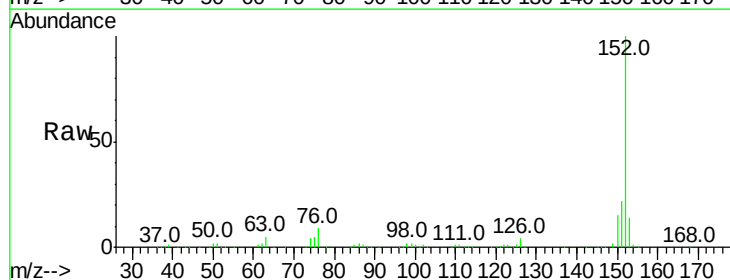
Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-2

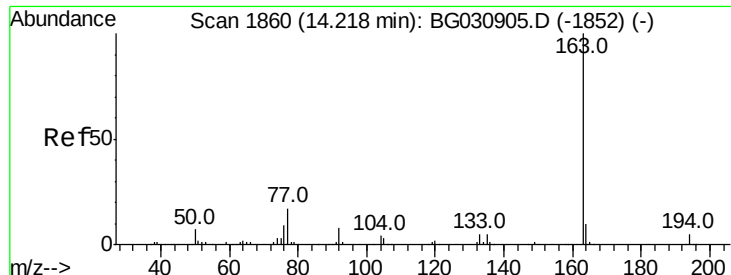
Tot Ion: 65 Resp: 96844
Ion Ratio Lower Upper
65 100
92 76.1 54.6 82.0
138 125.1 72.9 109.3#



#48
Acenaphthylene
Concen: 30.121 ng
RT: 14.48 min Scan# 1904
Delta R.T. -0.02 min
Lab File: BG031366.D
Acq: 5 Dec 2017 3:23

Tgt Ion: 152 Resp: 548019
Ion Ratio Lower Upper
152 100
151 22.2 17.2 25.8
153 14.0 10.2 15.4





#49

Dimethylphthalate

Concen: 33.590 ng

RT: 14.19 min Scan# 1856

Delta R.T. -0.02 min

Lab File: BG031366.D

Acq: 5 Dec 2017 3:23

Instrument :

BNA_G

ClientSampleId :

IDOC-SOIL-2

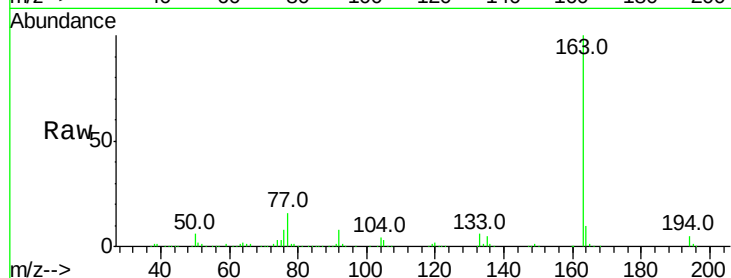
Tot Ion:163 Resp: 539614

Ion Ratio Lower Upper

163 100

194 4.6 3.4 5.2

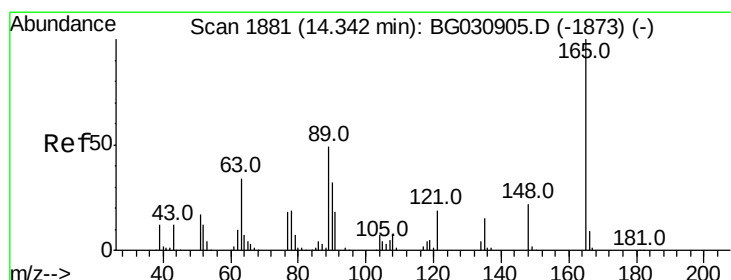
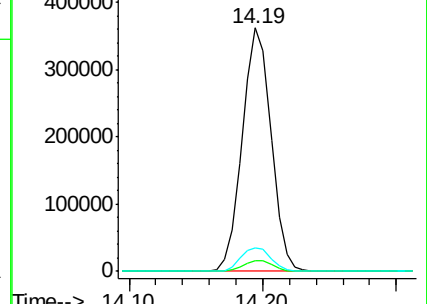
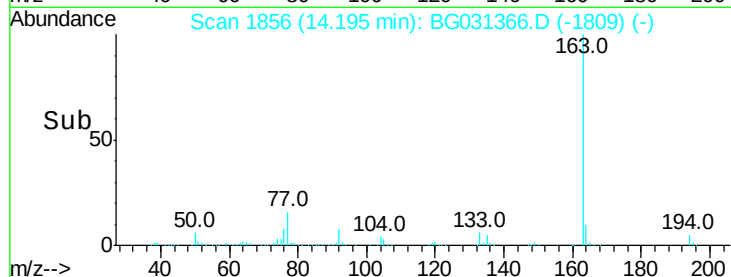
164 9.8 8.2 12.4



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: 32.820 ng

RT: 14.32 min Scan# 1878

Delta R.T. -0.02 min

Lab File: BG031366.D

Acq: 5 Dec 2017 3:23

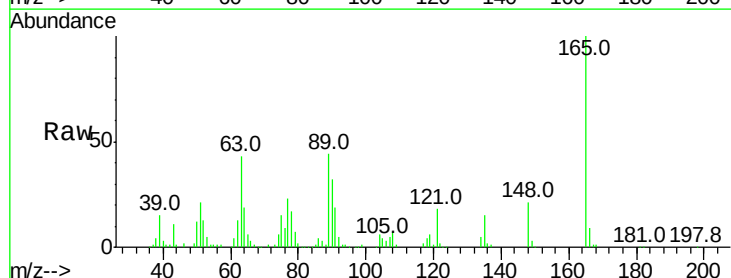
Tgt Ion:165 Resp: 108674

Ion Ratio Lower Upper

165 100

63 43.1 52.7 79.1#

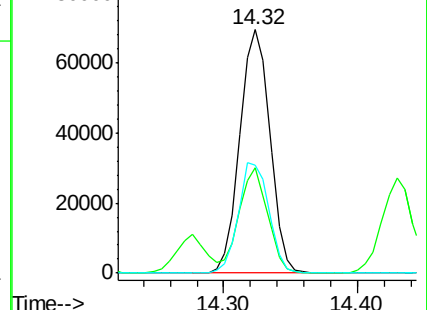
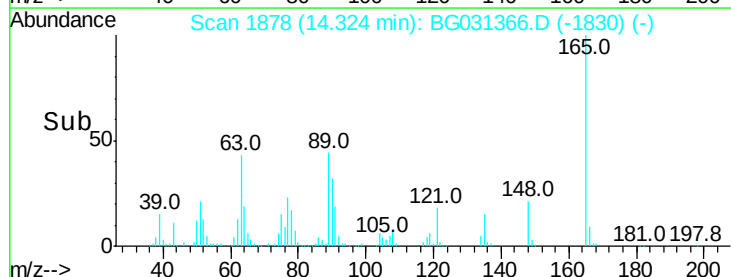
89 44.3 49.2 73.8#

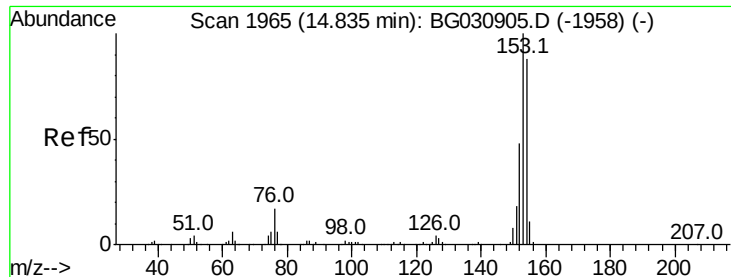


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 29.474 ng

RT: 14.81 min Scan# 1961

Delta R.T. -0.02 min

Lab File: BG031366.D

Acq: 5 Dec 2017 3:23

Instrument :

BNA_G

ClientSampleId :

IDOC-SOIL-2

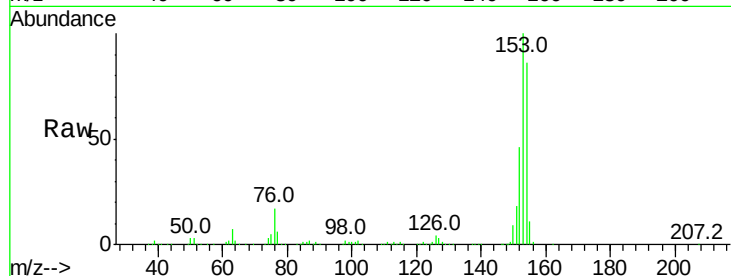
Tot Ion:154 Resp: 334908

Ion Ratio Lower Upper

154 100

153 115.8 90.4 135.6

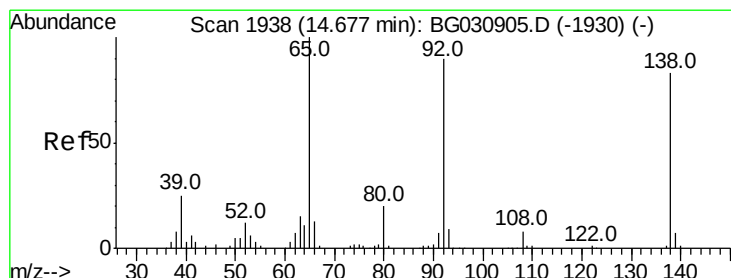
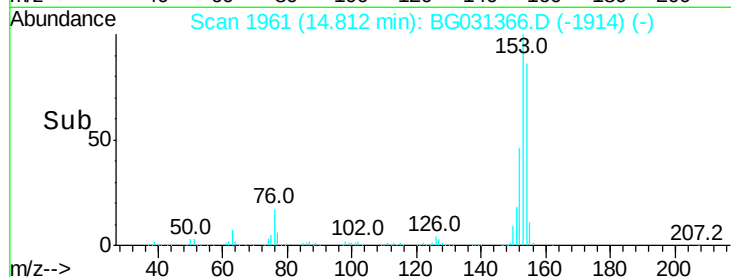
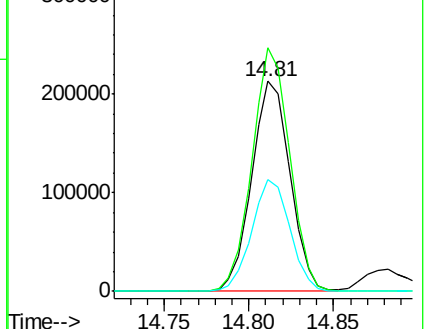
152 53.5 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 23.634 ng

RT: 14.66 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BG031366.D

Acq: 5 Dec 2017 3:23

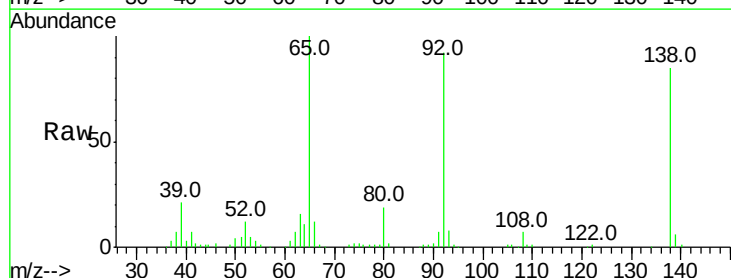
Tgt Ion:138 Resp: 83094

Ion Ratio Lower Upper

138 100

108 8.8 17.5 26.3#

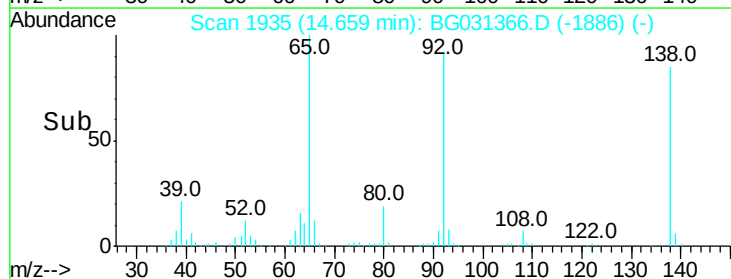
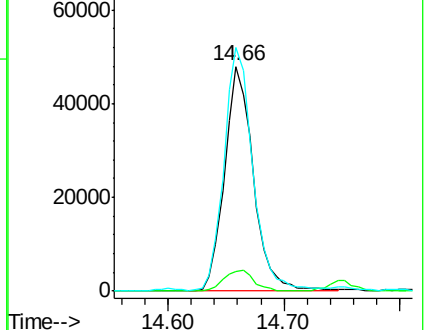
92 108.3 105.8 158.8

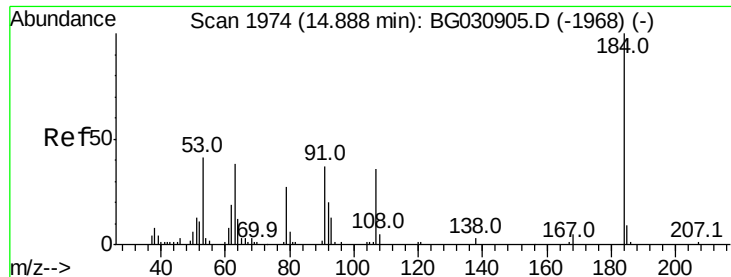


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

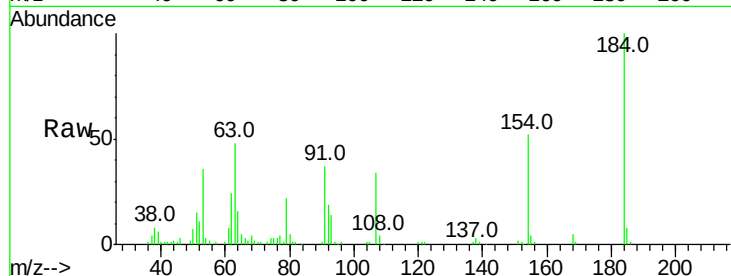




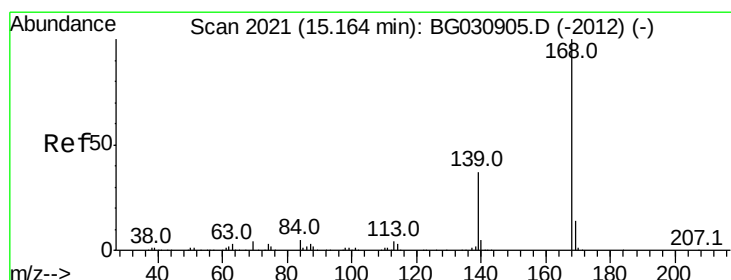
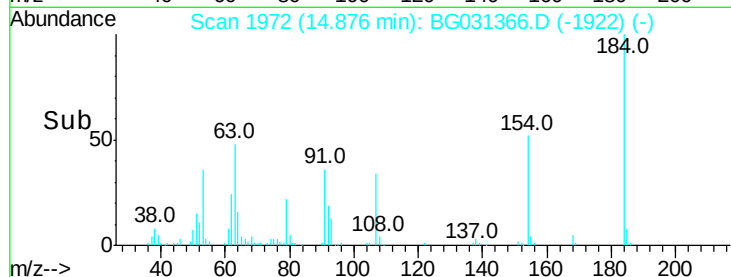
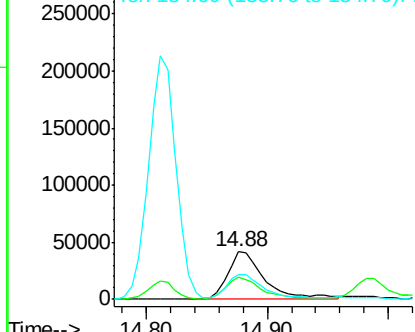
#53
 2,4-Dinitrophenol
 Concen: 50.953 ng
 RT: 14.88 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: BG031366.D
 Acq: 5 Dec 2017 3:23

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-SOIL-2

Tot Ion:184 Resp: 88632
 Ion Ratio Lower Upper
 184 100
 63 47.7 59.8 89.8#
 154 52.3 101.8 152.8#

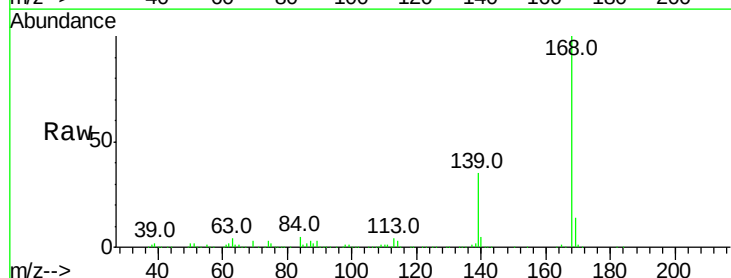


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

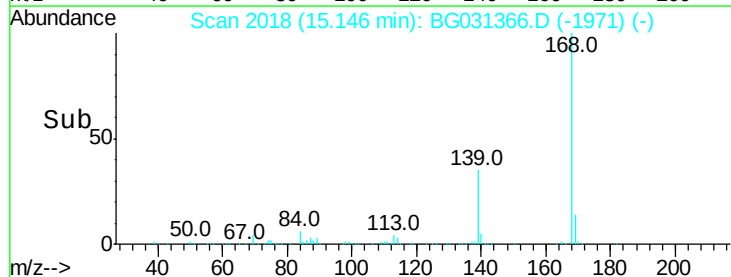
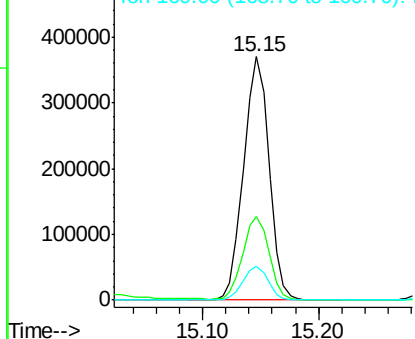


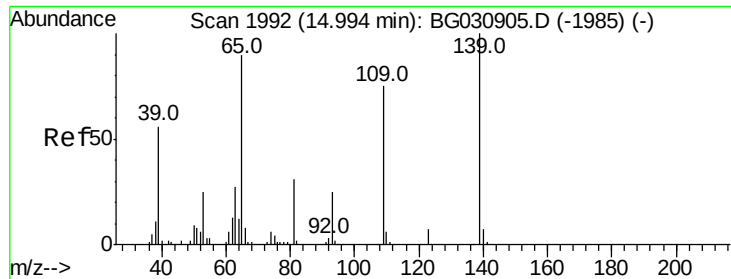
#54
 Dibenzofuran
 Concen: 31.292 ng
 RT: 15.15 min Scan# 2018
 Delta R.T. -0.02 min
 Lab File: BG031366.D
 Acq: 5 Dec 2017 3:23

Tgt Ion:168 Resp: 566347
 Ion Ratio Lower Upper
 168 100
 139 34.6 28.6 43.0
 169 13.7 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

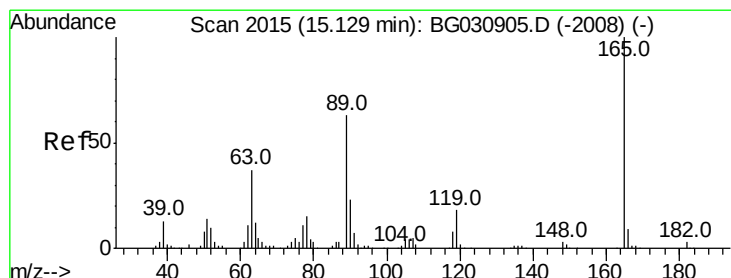
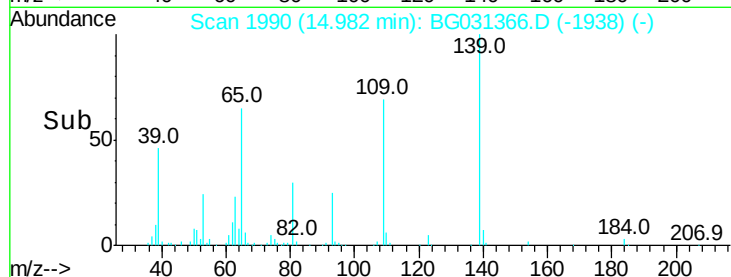
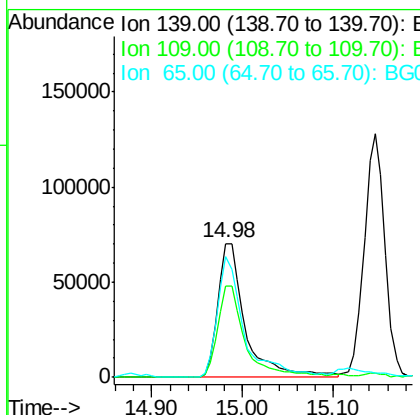
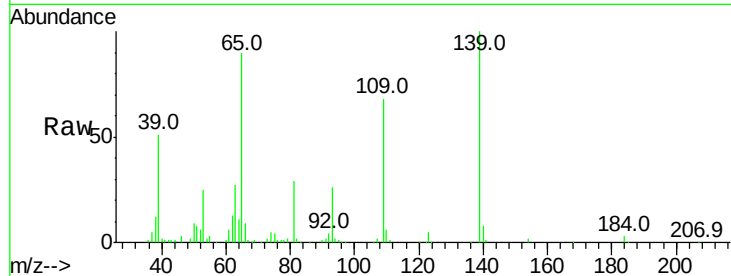




#55
4-Nitrophenol
Concen: 59.059 ng
RT: 14.98 min Scan# 1990
Delta R.T. 0.01 min
Lab File: BG031366.D
Acq: 5 Dec 2017 3:23

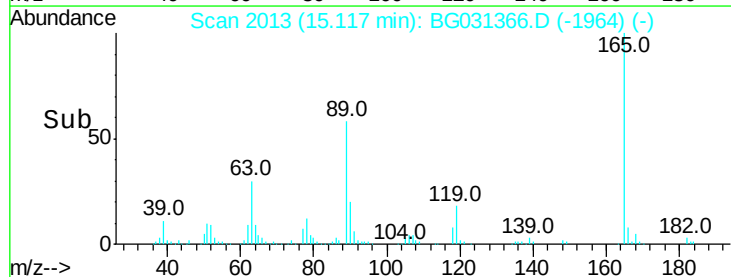
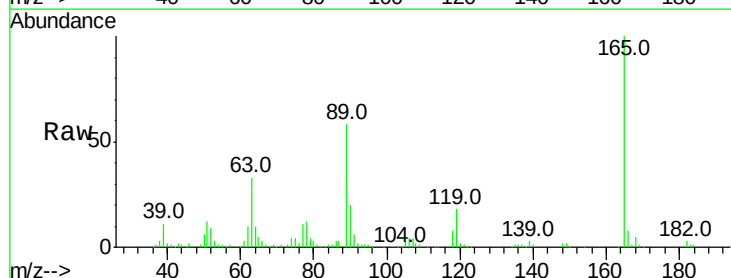
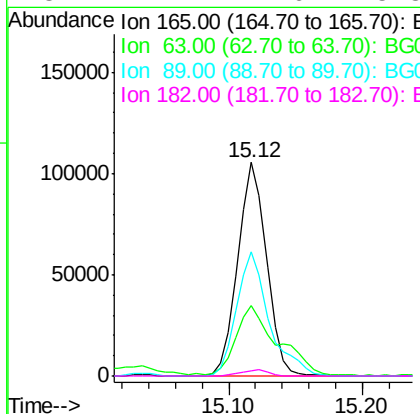
Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-2

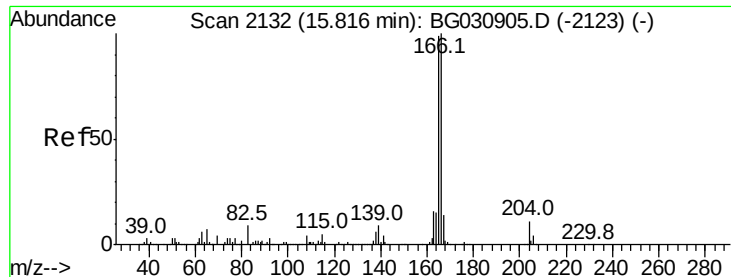
Tot Ion:139 Resp: 147912
Ion Ratio Lower Upper
139 100
109 68.1 62.2 102.2
65 90.2 97.2 137.2#



#56
2,4-Dinitrotoluene
Concen: 32.813 ng
RT: 15.12 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BG031366.D
Acq: 5 Dec 2017 3:23

Tgt Ion:165 Resp: 157071
Ion Ratio Lower Upper
165 100
63 33.3 42.0 63.0#
89 58.0 66.9 100.3#
182 2.7 2.6 3.8

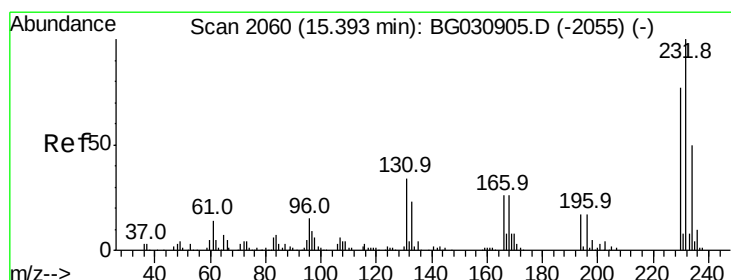
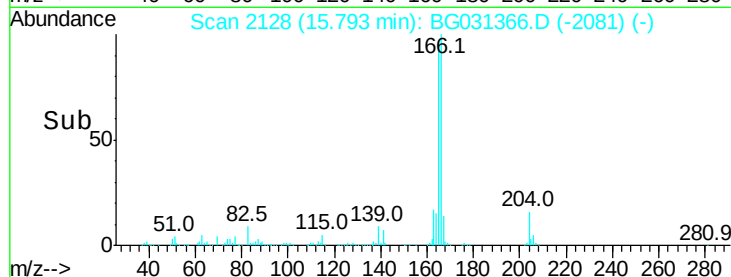
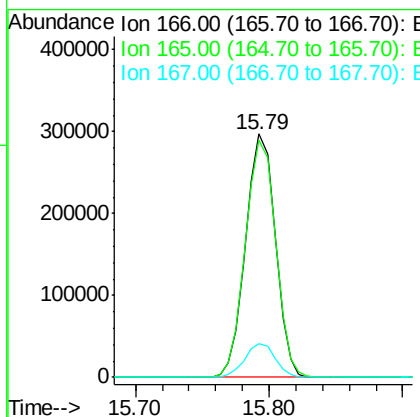
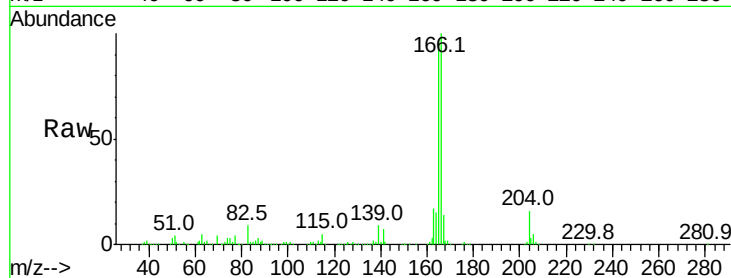




#57
 Fluorene
 Concen: 31.091 ng
 RT: 15.79 min Scan# 2128
 Delta R.T. -0.02 min
 Lab File: BG031366.D
 Acq: 5 Dec 2017 3:23

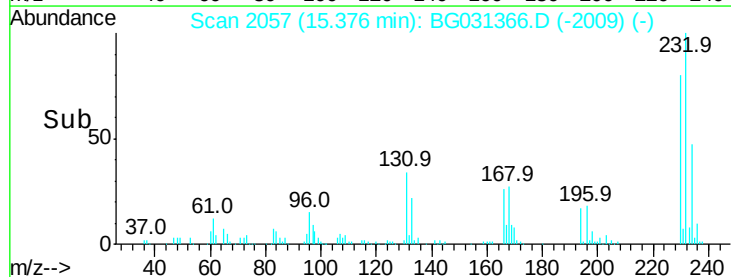
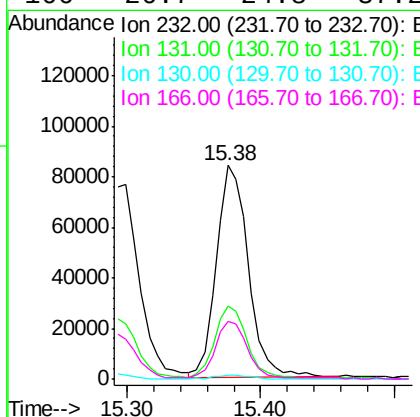
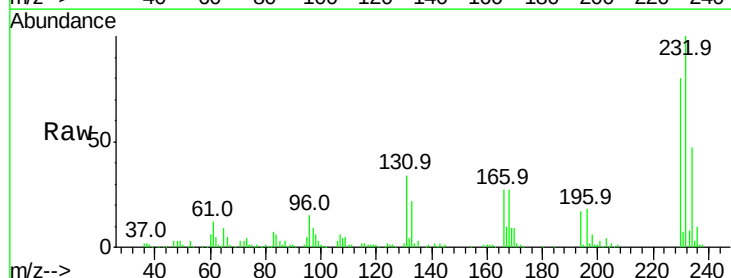
Instrument :
 BNA_G
 ClientSampleId :
 IDOC-SOIL-2

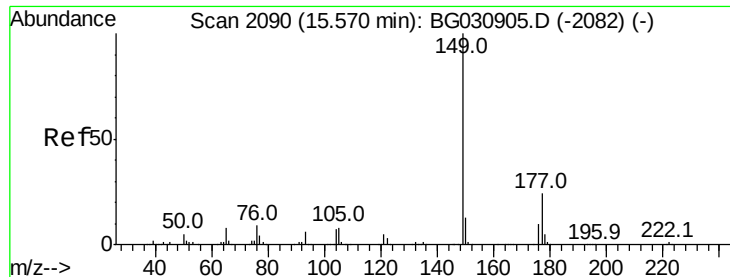
Tot Ion:166 Resp: 456852
 Ion Ratio Lower Upper
 166 100
 165 97.4 80.6 121.0
 167 13.6 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 32.221 ng
 RT: 15.38 min Scan# 2057
 Delta R.T. -0.02 min
 Lab File: BG031366.D
 Acq: 5 Dec 2017 3:23

Tgt Ion:232 Resp: 141643
 Ion Ratio Lower Upper
 232 100
 131 36.3 33.5 50.3
 130 2.0 2.2 3.2#
 166 26.7 24.8 37.2





#59

Diethylphthalate

Concen: 29.632 ng

RT: 15.55 min Scan# 2087

Delta R.T. -0.02 min

Lab File: BG031366.D

Acq: 5 Dec 2017 3:23

Instrument :

BNA_G

ClientSampleId :

IDOC-SOIL-2

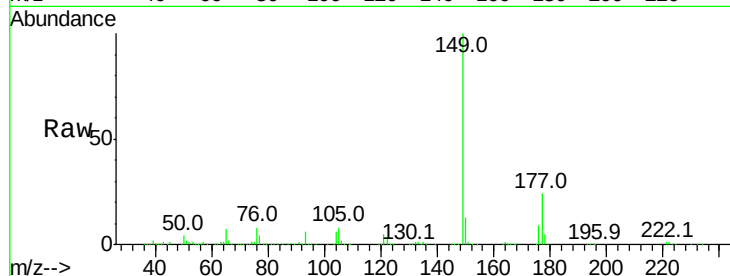
Tot Ion:149 Resp: 483550

Ion Ratio Lower Upper

149 100

177 24.4 18.5 27.7

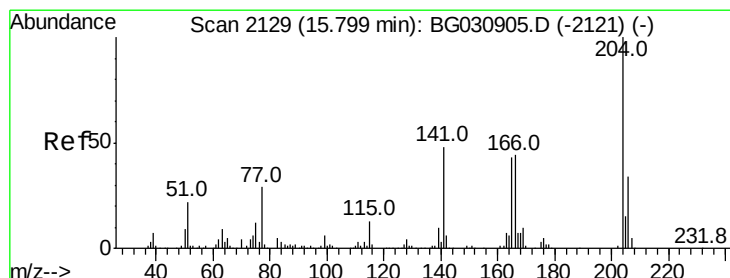
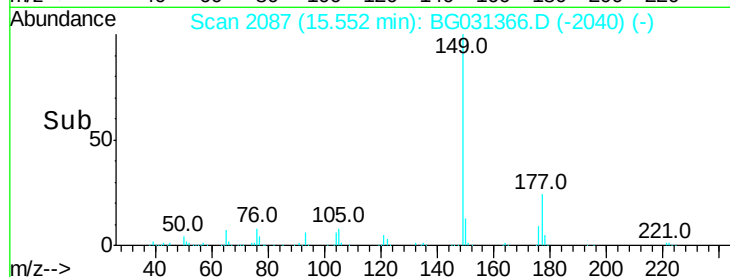
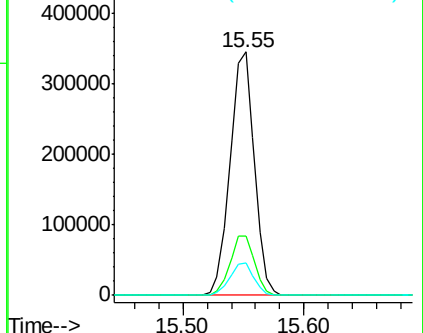
150 13.1 10.2 15.2



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: 30.936 ng

RT: 15.78 min Scan# 2125

Delta R.T. -0.03 min

Lab File: BG031366.D

Acq: 5 Dec 2017 3:23

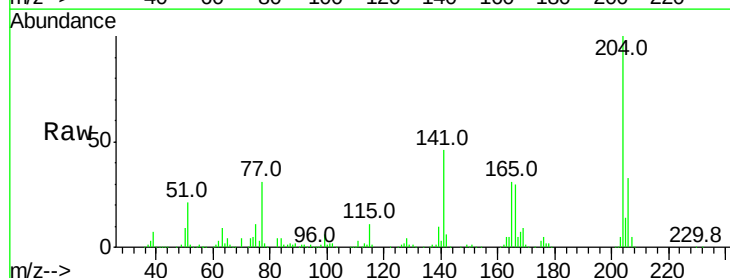
Tgt Ion:204 Resp: 274538

Ion Ratio Lower Upper

204 100

206 33.3 26.2 39.2

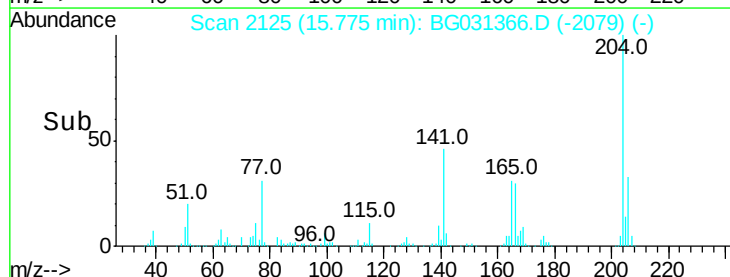
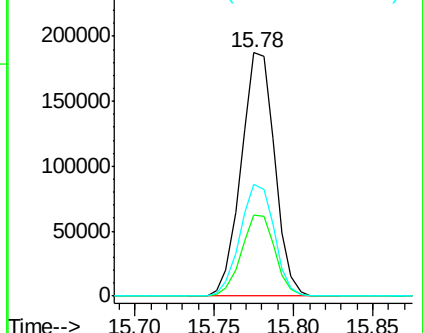
141 45.8 45.8 68.6

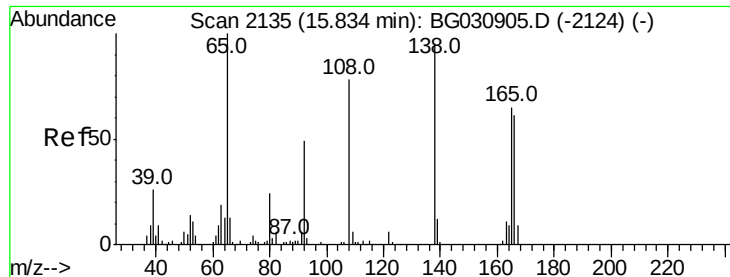


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

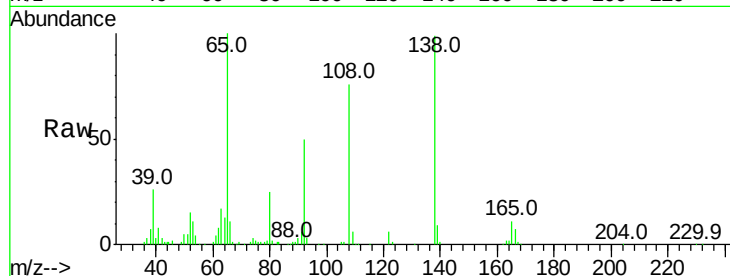




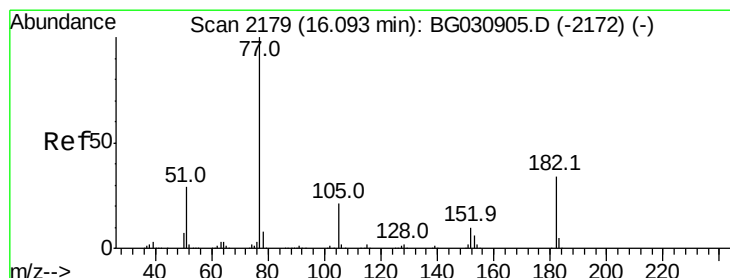
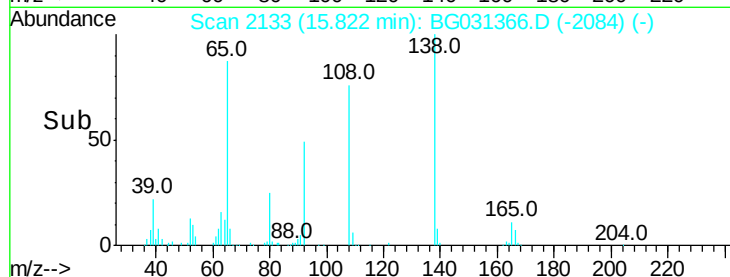
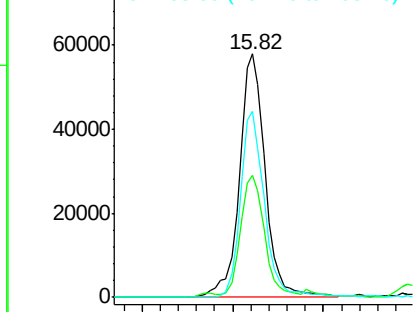
#61
4-Nitroaniline
Concen: 30.771 ng
RT: 15.82 min Scan# 2133
Delta R.T. -0.01 min
Lab File: BG031366.D
Acq: 5 Dec 2017 3:23

Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-2

Tot Ion:138 Resp: 114560
Ion Ratio Lower Upper
138 100
92 50.0 40.1 80.1
108 76.5 65.4 105.4

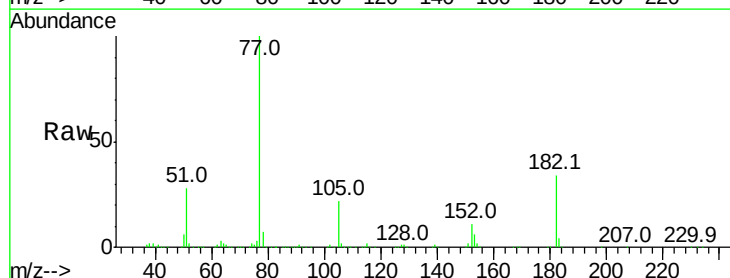


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BGC
Ion 108.00 (107.70 to 108.70): E

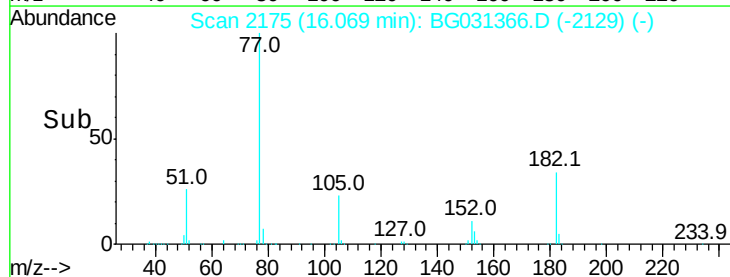
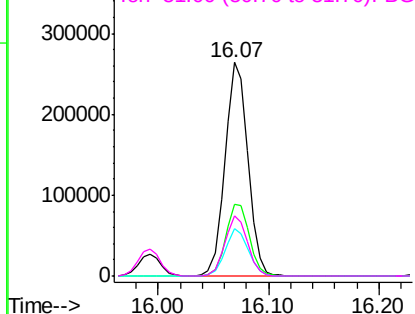


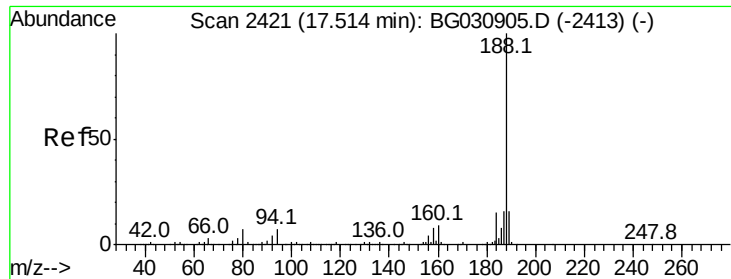
#62
Azobenzene
Concen: 30.716 ng
RT: 16.07 min Scan# 2175
Delta R.T. -0.03 min
Lab File: BG031366.D
Acq: 5 Dec 2017 3:23

Tgt Ion: 77 Resp: 382260
Ion Ratio Lower Upper
77 100
182 33.6 7.4 47.4
105 22.4 0.3 40.3
51 28.4 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

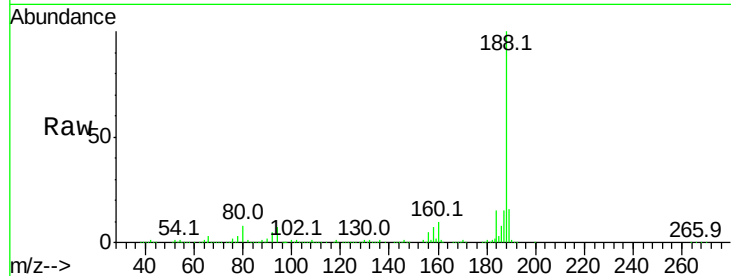




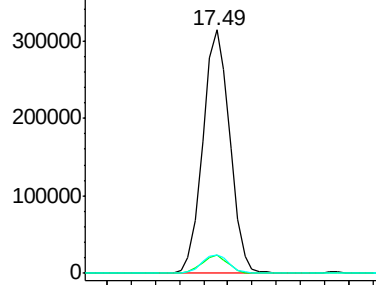
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.49 min Scan# 2417
 Delta R.T. -0.02 min
 Lab File: BG031366.D
 Acq: 5 Dec 2017 3:23

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-SOIL-2

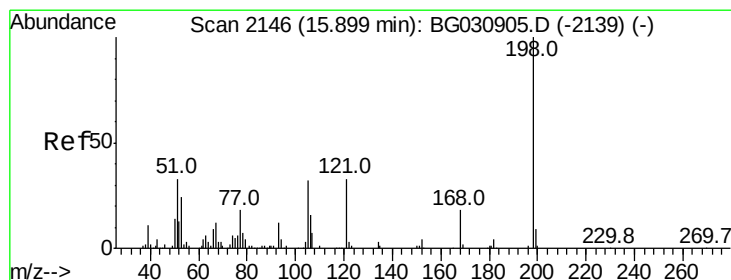
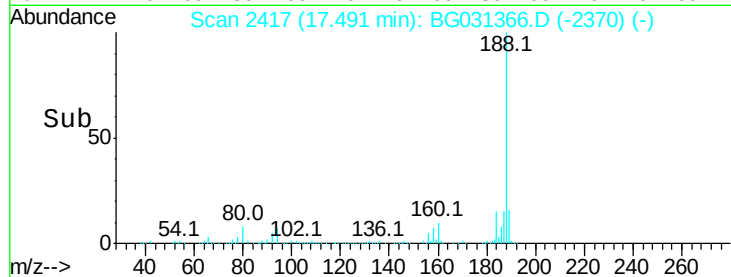
Tot Ion:188 Resp: 488872
 Ion Ratio Lower Upper
 188 100
 94 7.4 6.9 10.3
 80 7.8 7.7 11.5



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

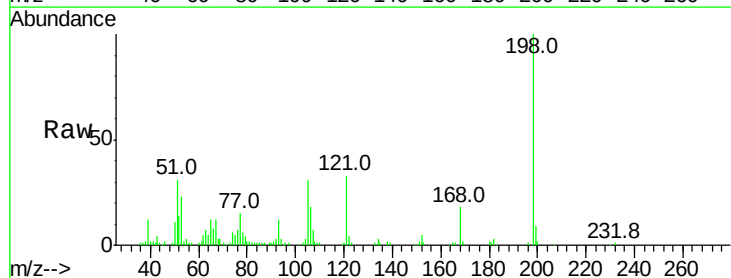


Time--> 17.40 17.50 17.60

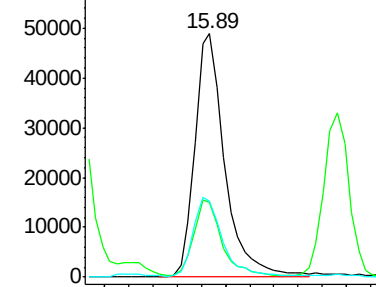


#64
 4,6-Dinitro-2-methylphenol
 Concen: 25.867 ng
 RT: 15.89 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: BG031366.D
 Acq: 5 Dec 2017 3:23

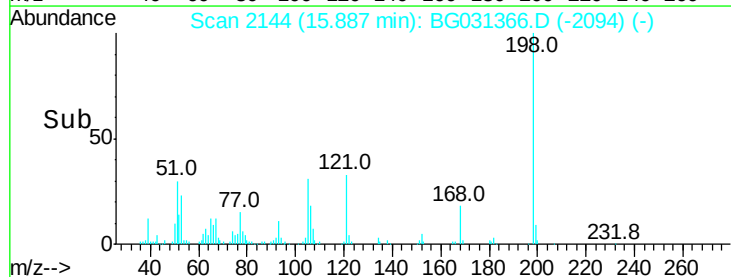
Tgt Ion:198 Resp: 84054
 Ion Ratio Lower Upper
 198 100
 51 30.7 30.6 70.6
 105 31.2 23.8 63.8

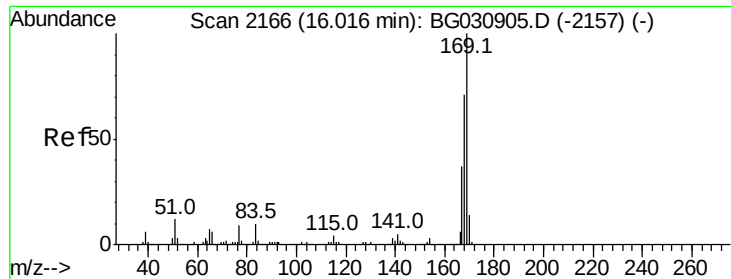


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BGC
 Ion 105.00 (104.70 to 105.70): E



Time--> 15.80 15.90 16.00

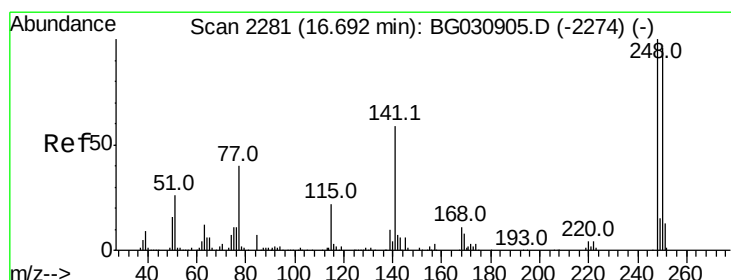
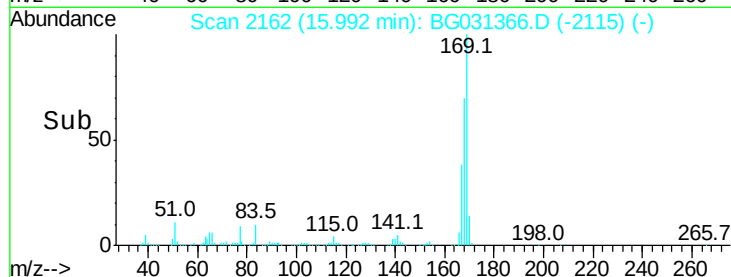
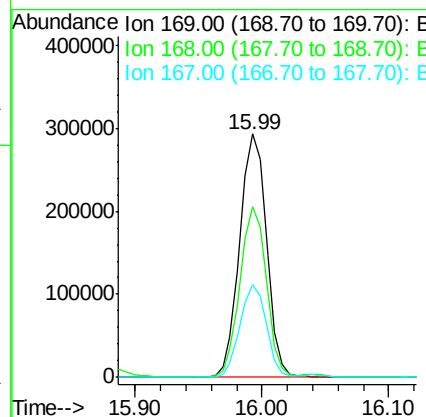
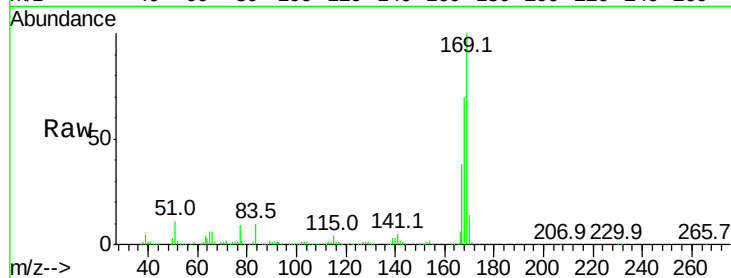




#65
 n-Nitrosodiphenylamine
 Concen: 28.990 ng
 RT: 15.99 min Scan# 2162
 Delta R.T. -0.02 min
 Lab File: BG031366.D
 Acq: 5 Dec 2017 3:23

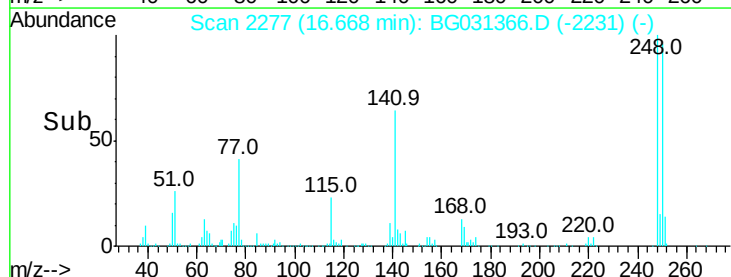
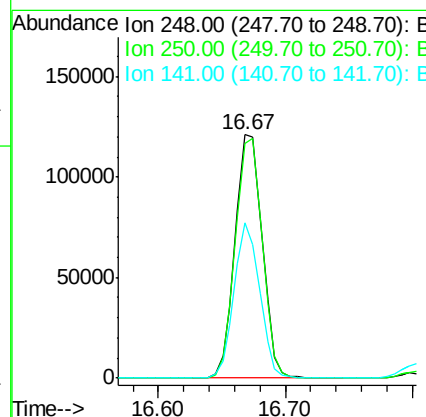
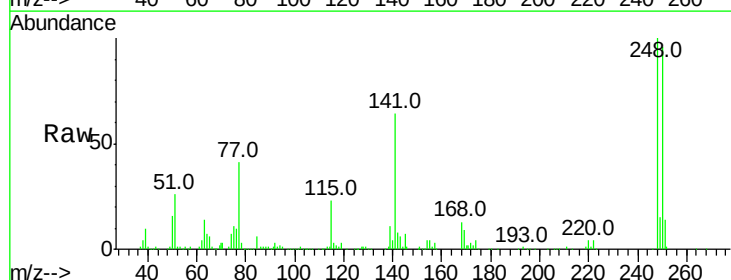
Instrument :
 BNA_G
 ClientSampleId :
 IDOC-SOIL-2

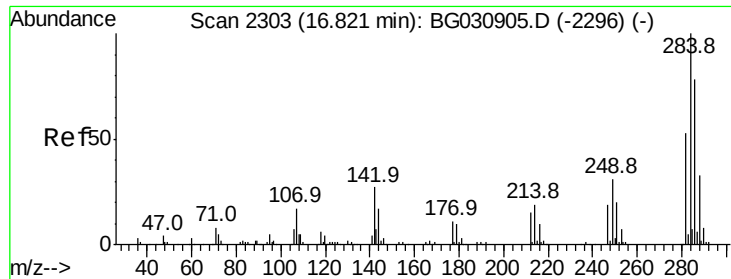
Tot Ion	Ratio	Lower	Upper
169	100		
168	70.3	55.7	83.5
167	37.8	30.1	45.1



#66
 4-Bromophenyl-phenylether
 Concen: 28.897 ng
 RT: 16.67 min Scan# 2277
 Delta R.T. -0.03 min
 Lab File: BG031366.D
 Acq: 5 Dec 2017 3:23

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.2	77.1	115.7
141	63.9	50.8	76.2

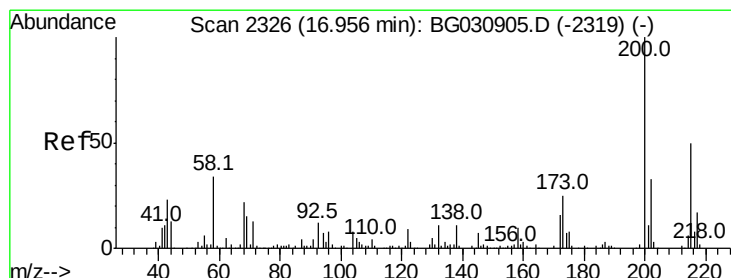
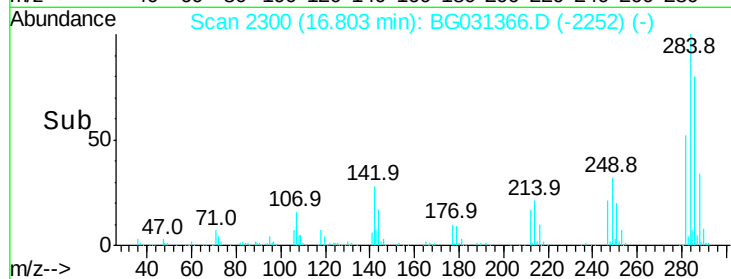
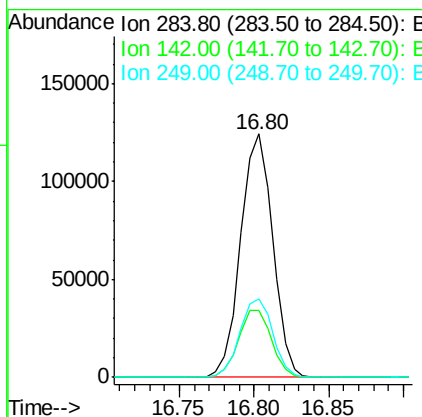
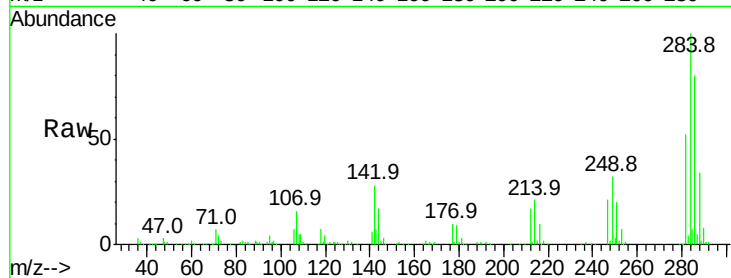




#67
Hexachlorobenzene
Concen: 28.157 ng
RT: 16.80 min Scan# 2300
Delta R.T. -0.02 min
Lab File: BG031366.D
Acq: 5 Dec 2017 3:23

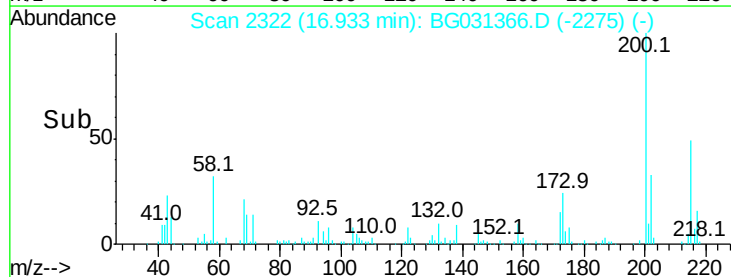
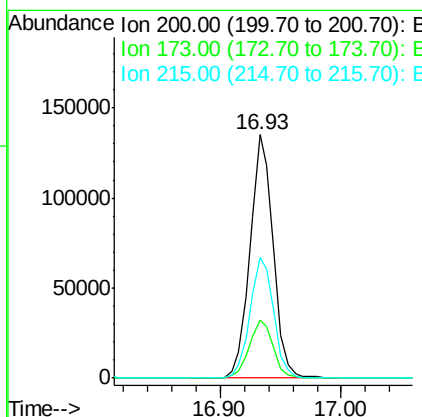
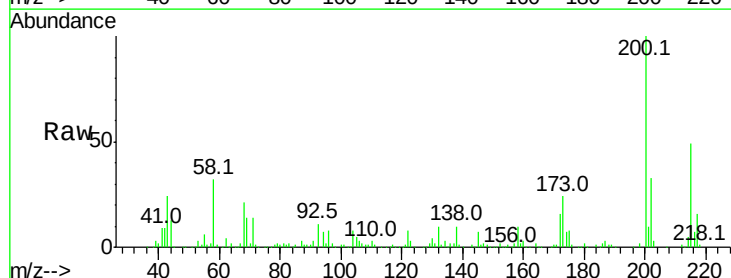
Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-2

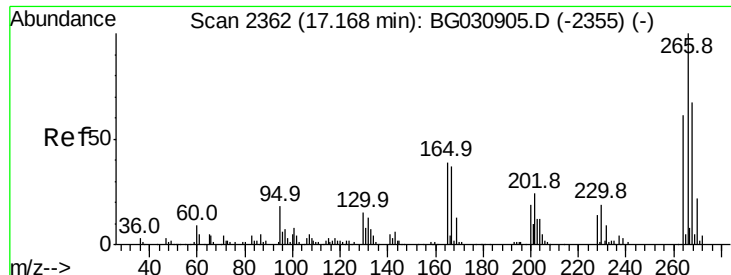
Tot Ion	Ratio	Lower	Upper
284	100		
142	27.7	26.8	40.2
249	32.4	26.3	39.5



#68
Atrazine
Concen: 29.353 ng
RT: 16.93 min Scan# 2322
Delta R.T. -0.02 min
Lab File: BG031366.D
Acq: 5 Dec 2017 3:23

Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.0	5.2	45.2
215	49.4	30.4	70.4





#69

Pentachlorophenol

Concen: 48.088 ng

RT: 17.15 min Scan# 2359

Delta R.T. -0.01 min

Lab File: BG031366.D

Acq: 5 Dec 2017 3:23

Instrument :

BNA_G

ClientSampleId :

IDOC-SOIL-2

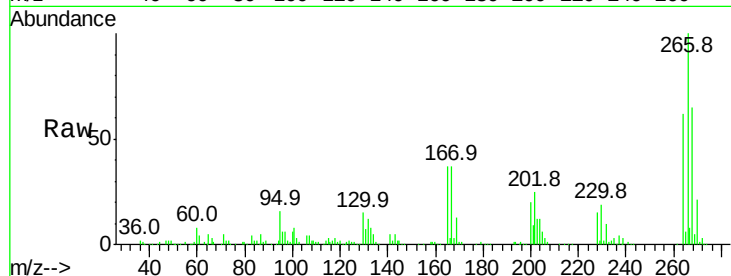
Tot Ion:266 Resp: 174882

Ion Ratio Lower Upper

266 100

268 65.3 51.1 76.7

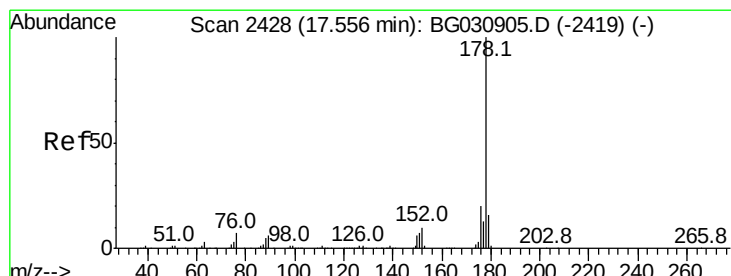
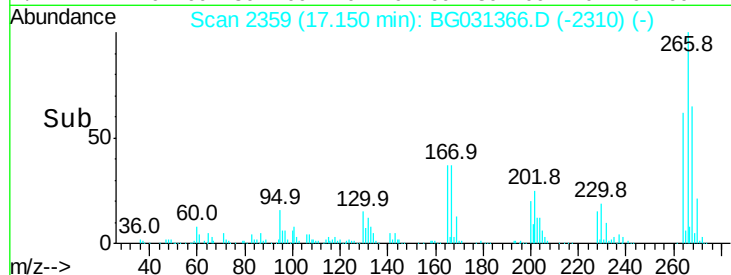
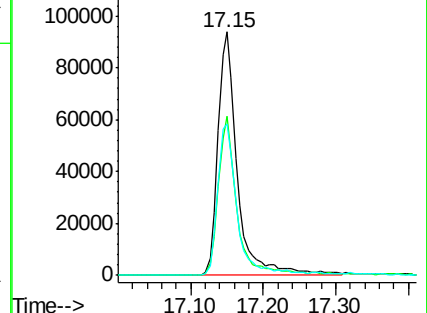
264 62.0 49.6 74.4



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: 31.132 ng

RT: 17.53 min Scan# 2424

Delta R.T. -0.02 min

Lab File: BG031366.D

Acq: 5 Dec 2017 3:23

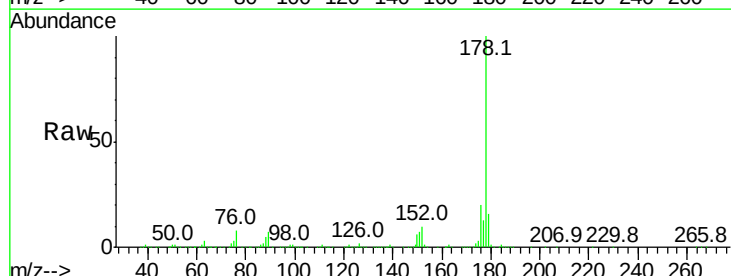
Tgt Ion:178 Resp: 792433

Ion Ratio Lower Upper

178 100

176 20.1 15.7 23.5

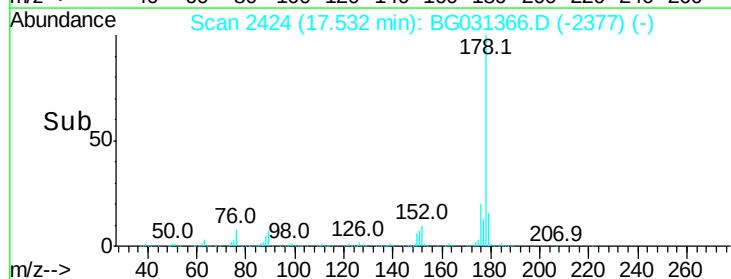
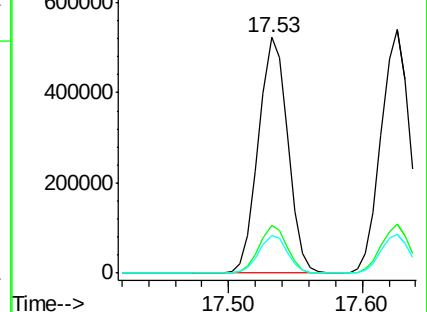
179 16.2 12.5 18.7

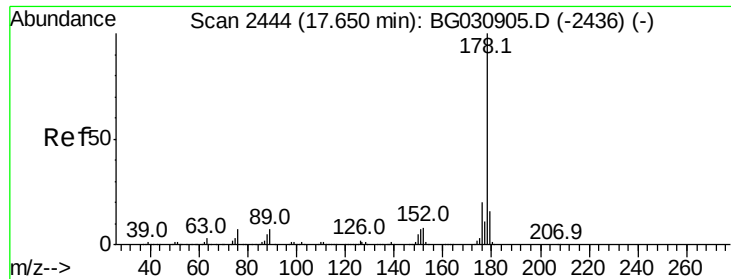


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

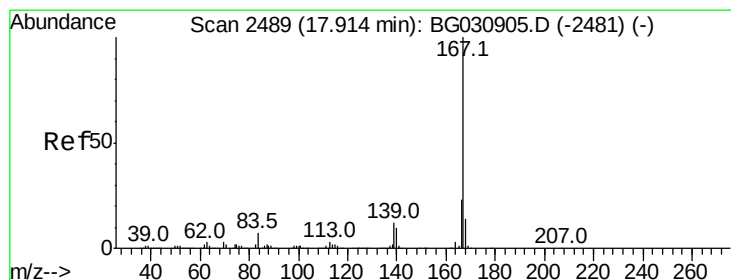
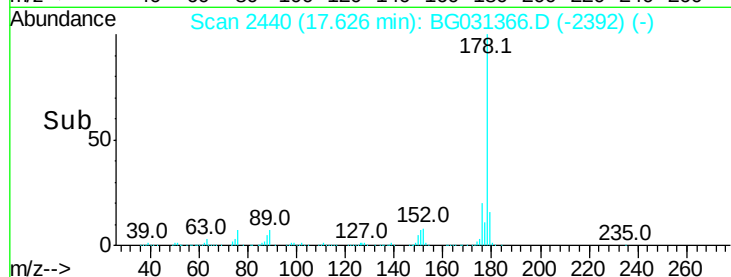
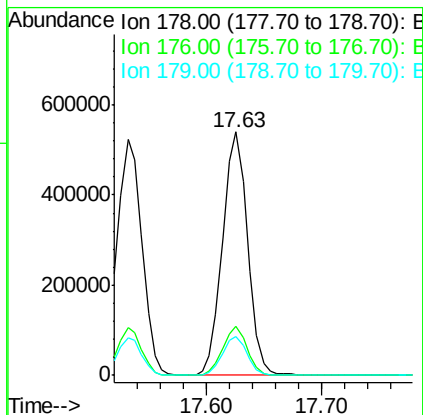
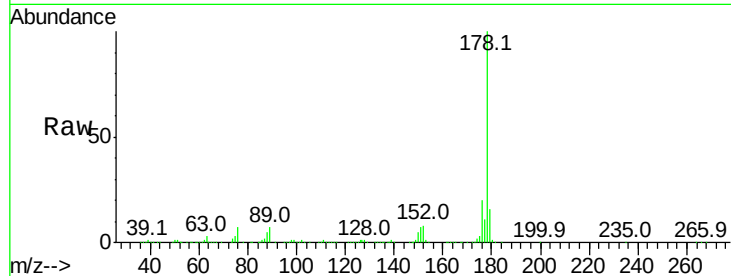




#71
 Anthracene
 Concen: 31.825 ng
 RT: 17.63 min Scan# 2440
 Delta R.T. -0.02 min
 Lab File: BG031366.D
 Acq: 5 Dec 2017 3:23

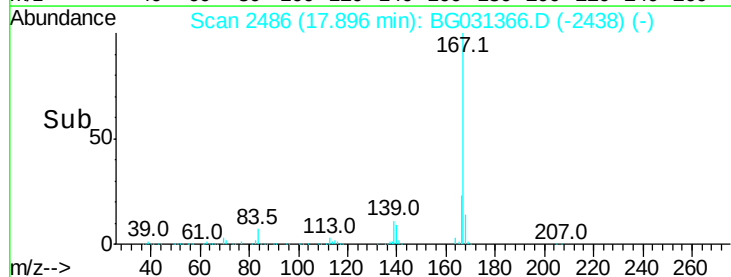
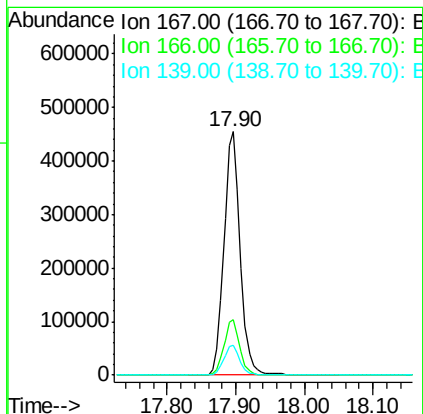
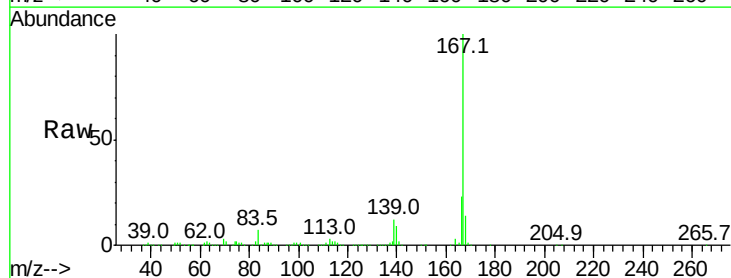
Instrument :
 BNA_G
 ClientSampleId :
 IDOC-SOIL-2

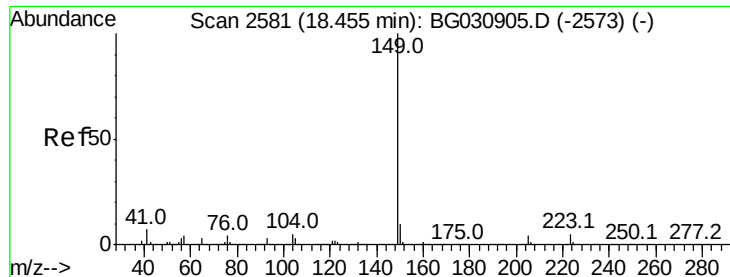
Tot Ion:178 Resp: 811693
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.0 24.0
 179 16.0 12.5 18.7



#72
 Carbazole
 Concen: 31.212 ng
 RT: 17.90 min Scan# 2486
 Delta R.T. -0.02 min
 Lab File: BG031366.D
 Acq: 5 Dec 2017 3:23

Tgt Ion:167 Resp: 745901
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.2 27.4
 139 12.0 9.4 14.2

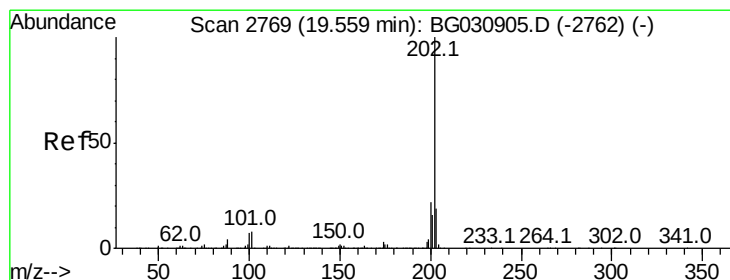
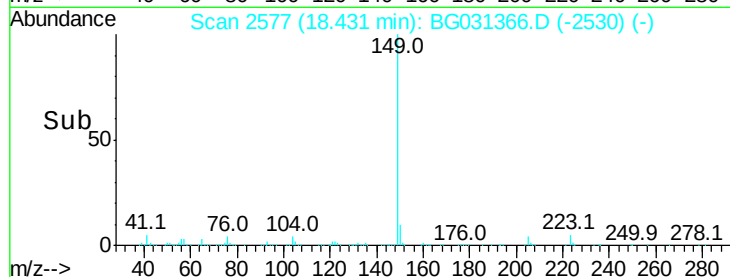
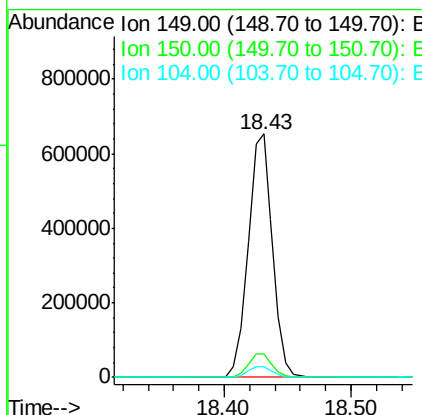
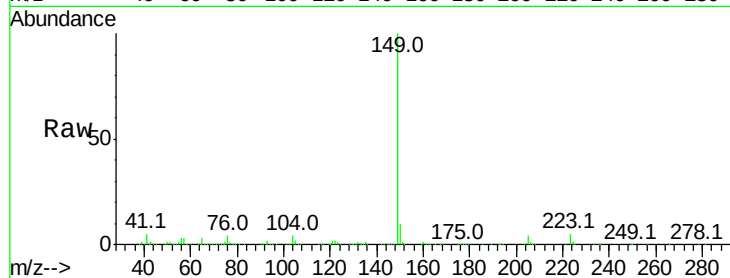




#73
Di-n-butylphthalate
Concen: 29.495 ng
RT: 18.43 min Scan# 2577
Delta R.T. -0.02 min
Lab File: BG031366.D
Acq: 5 Dec 2017 3:23

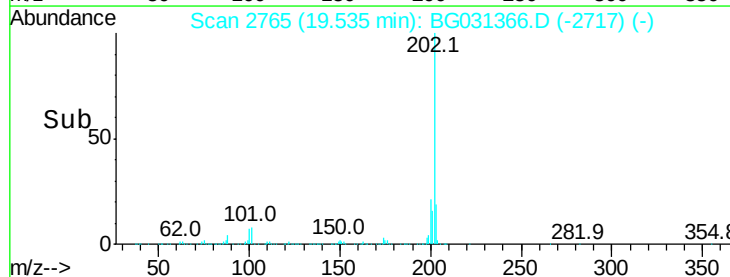
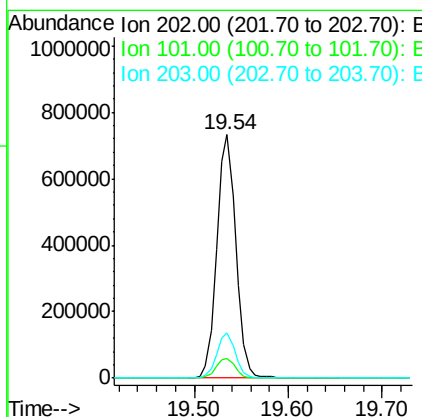
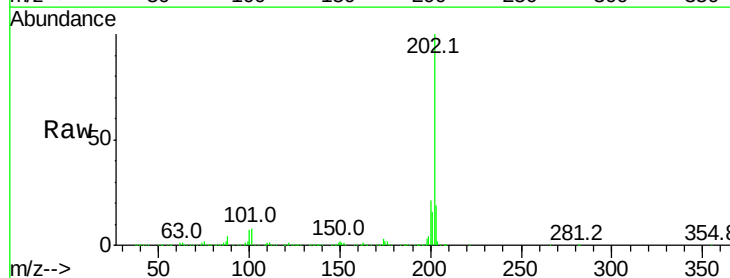
Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-2

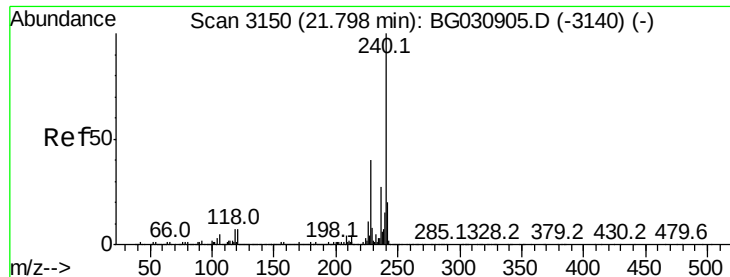
Tot Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.8	11.6
104	4.4	3.9	5.9



#74
Fluoranthene
Concen: 32.256 ng
RT: 19.54 min Scan# 2765
Delta R.T. -0.02 min
Lab File: BG031366.D
Acq: 5 Dec 2017 3:23

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.9	0.0	28.9
203	18.6	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3144

Delta R.T. -0.02 min

Lab File: BG031366.D

Acq: 5 Dec 2017 3:23

Instrument :

BNA_G

ClientSampleId :

IDOC-SOIL-2

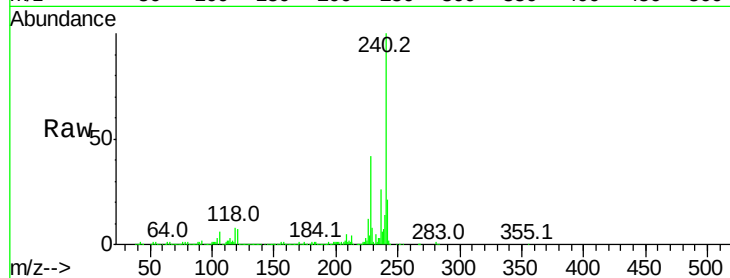
Tot Ion:240 Resp: 533576

Ion Ratio Lower Upper

240 100

120 7.5 6.8 10.2

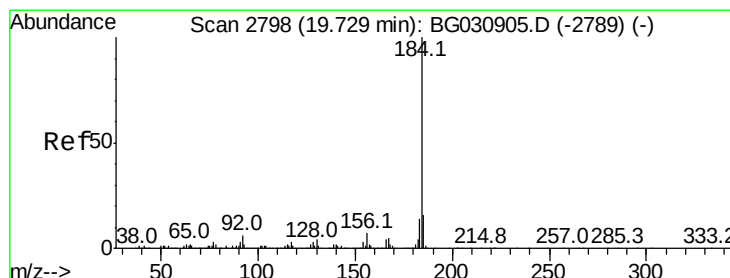
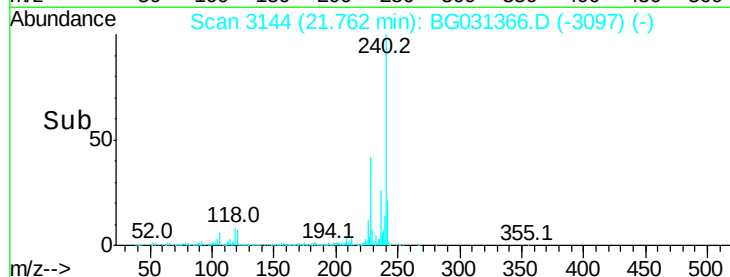
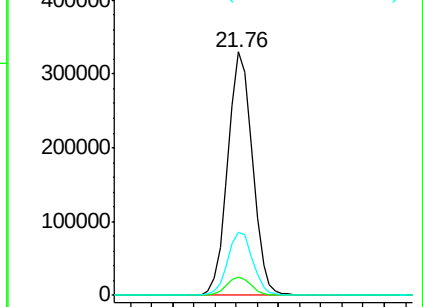
236 26.1 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 6.083 ng

RT: 19.71 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BG031366.D

Acq: 5 Dec 2017 3:23

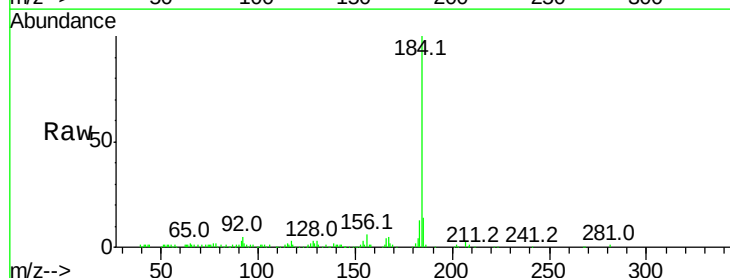
Tgt Ion:184 Resp: 104264

Ion Ratio Lower Upper

184 100

185 13.8 11.1 16.7

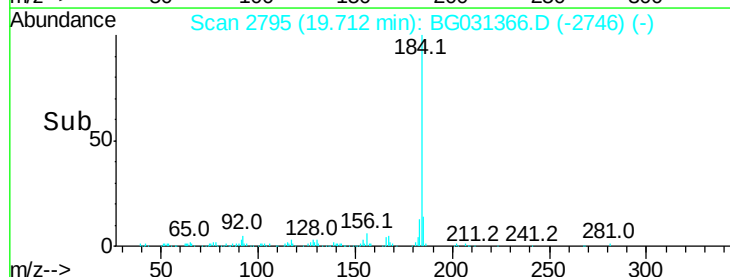
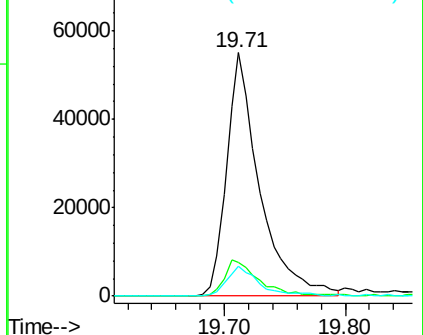
183 12.5 10.6 16.0

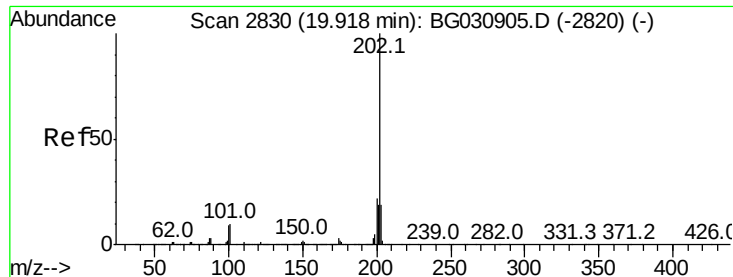


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

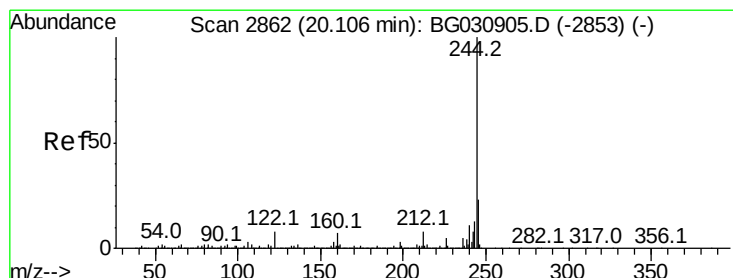
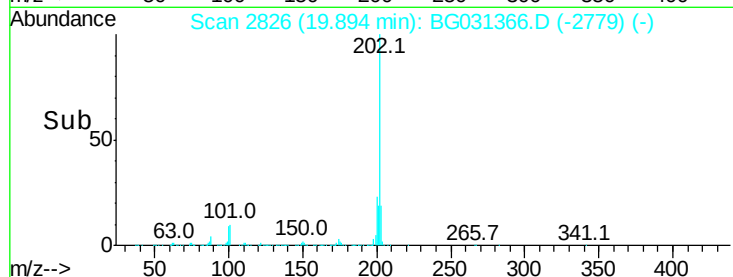
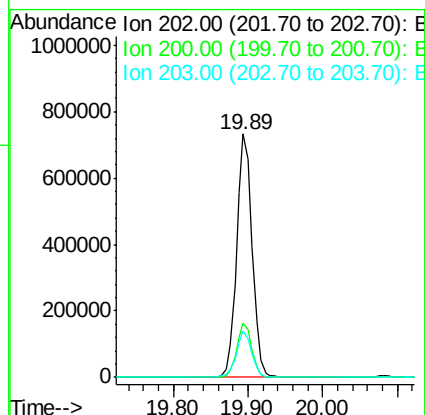
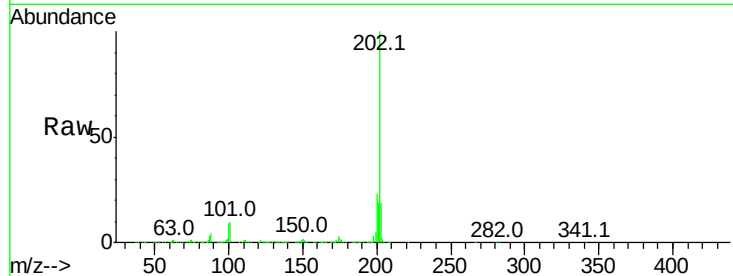




#77
Pvrene
Concen: 33.423 ng
RT: 19.89 min Scan# 2826
Delta R.T. -0.02 min
Lab File: BG031366.D
Acq: 5 Dec 2017 3:23

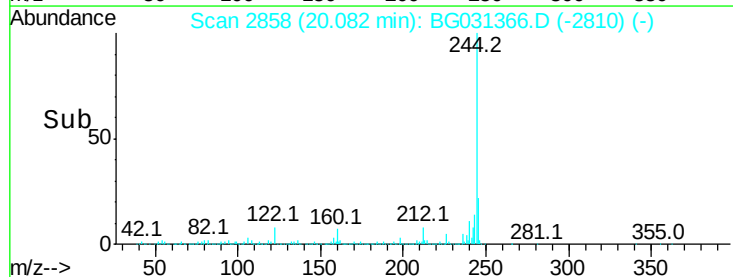
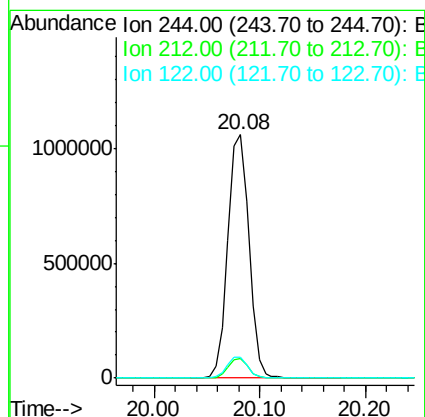
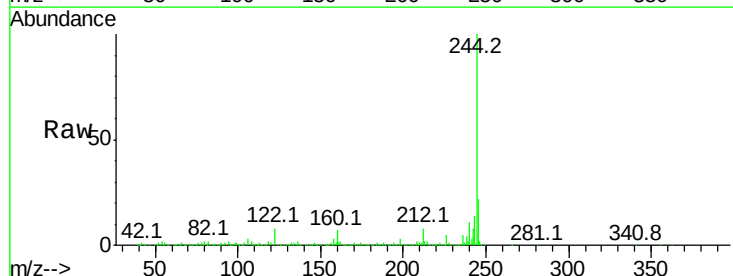
Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-2

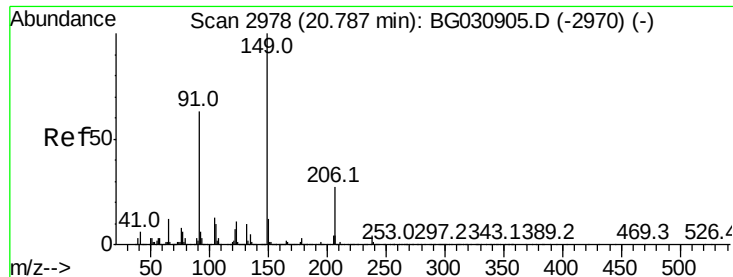
Tot Ion:202 Resp: 1058253
Ion Ratio Lower Upper
202 100
200 22.5 16.9 25.3
203 19.1 13.9 20.9



#78
Terphenyl-d14
Concen: 60.712 ng
RT: 20.08 min Scan# 2858
Delta R.T. -0.02 min
Lab File: BG031366.D
Acq: 5 Dec 2017 3:23

Tgt Ion:244 Resp: 1467082
Ion Ratio Lower Upper
244 100
212 8.1 5.8 8.8
122 8.3 7.0 10.4





#79

Butylbenzylphthalate

Concen: 31.797 ng

RT: 20.76 min Scan# 2973

Delta R.T. -0.02 min

Lab File: BG031366.D

Acq: 5 Dec 2017 3:23

Instrument :

BNA_G

ClientSampled :

IDOC-SOIL-2

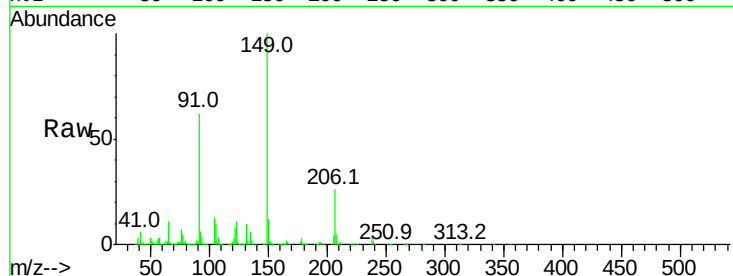
Tot Ion:149 Resp: 401411

Ion Ratio Lower Upper

149 100

91 61.6 62.2 93.2#

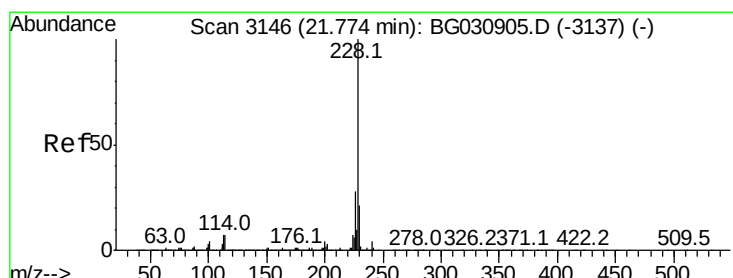
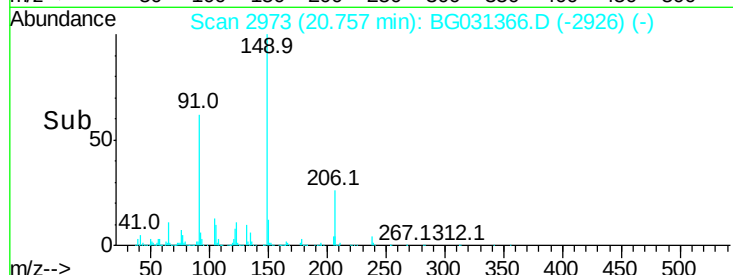
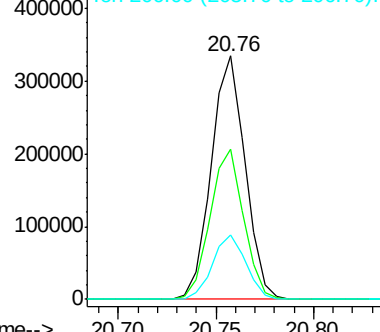
206 26.4 18.6 27.8



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: 31.176 ng

RT: 21.74 min Scan# 3141

Delta R.T. -0.02 min

Lab File: BG031366.D

Acq: 5 Dec 2017 3:23

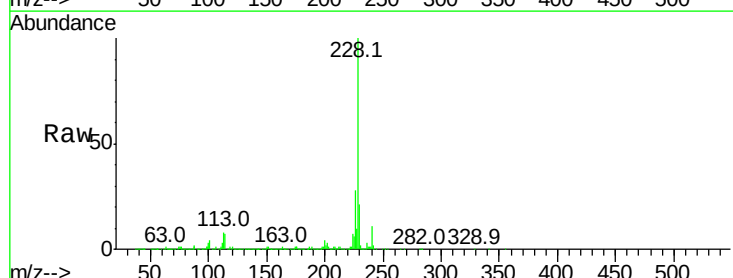
Tgt Ion:228 Resp: 1033276

Ion Ratio Lower Upper

228 100

226 28.1 22.7 34.1

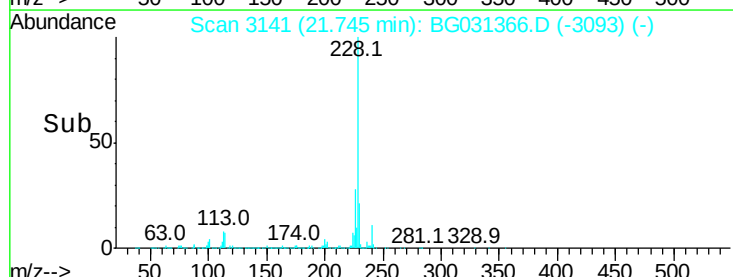
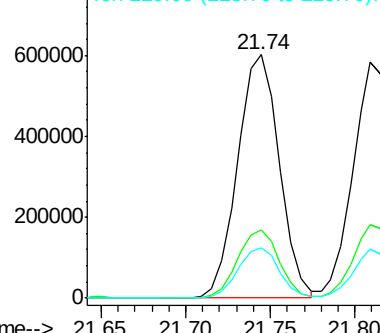
229 20.6 16.2 24.2

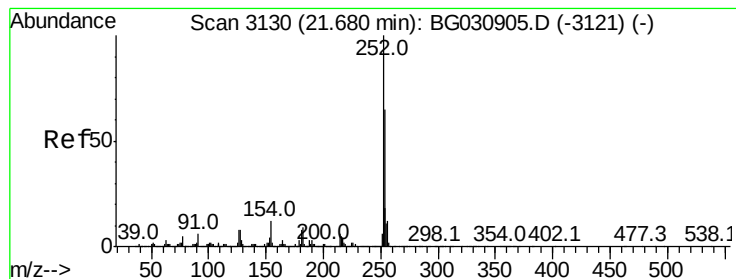


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 20.212 ng

RT: 21.65 min Scan# 3125

Delta R.T. -0.02 min

Lab File: BG031366.D

Acq: 5 Dec 2017 3:23

Instrument :

BNA_G

ClientSampleId :

IDOC-SOIL-2

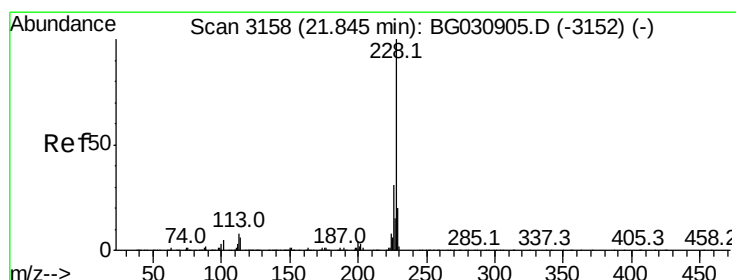
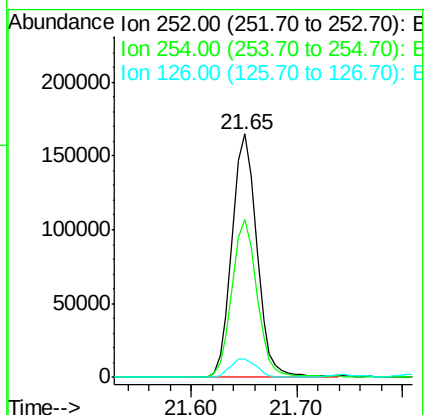
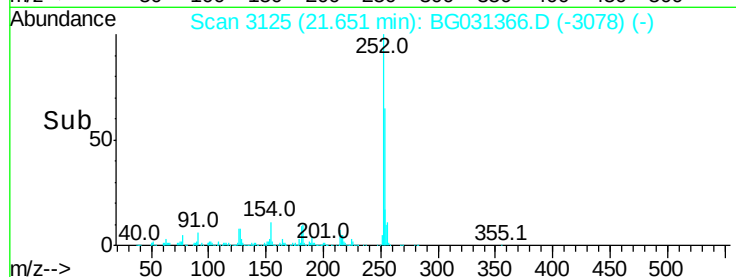
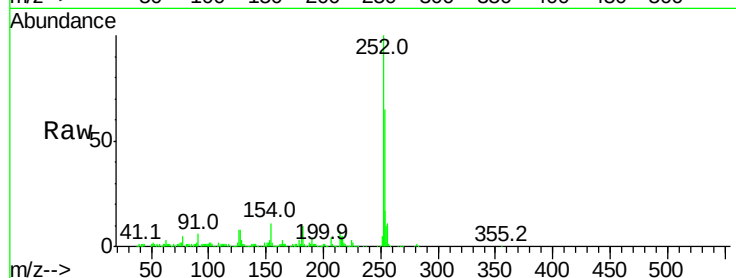
Tot Ion:252 Resp: 270412

Ion Ratio Lower Upper

252 100

254 65.1 50.8 76.2

126 7.8 7.4 11.2



#82

Chrysene

Concen: 32.242 ng

RT: 21.81 min Scan# 3152

Delta R.T. -0.02 min

Lab File: BG031366.D

Acq: 5 Dec 2017 3:23

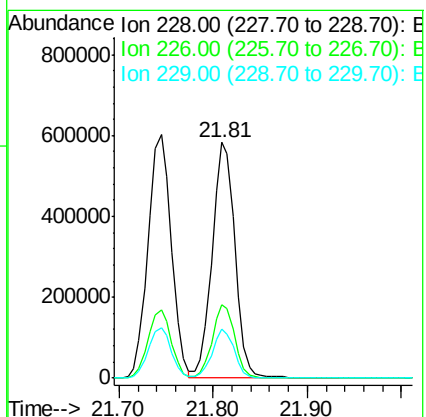
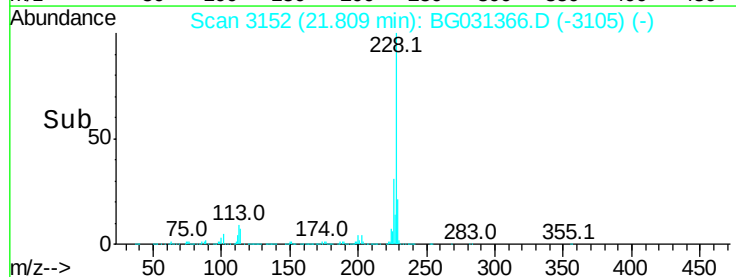
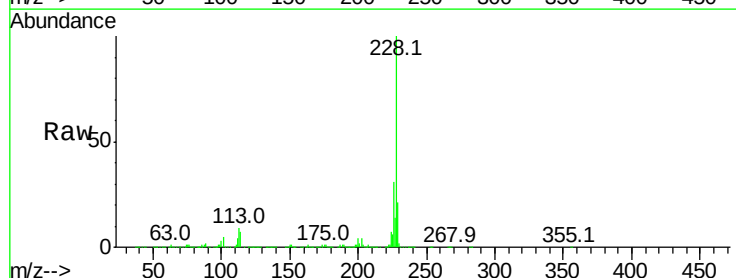
Tgt Ion:228 Resp: 988522

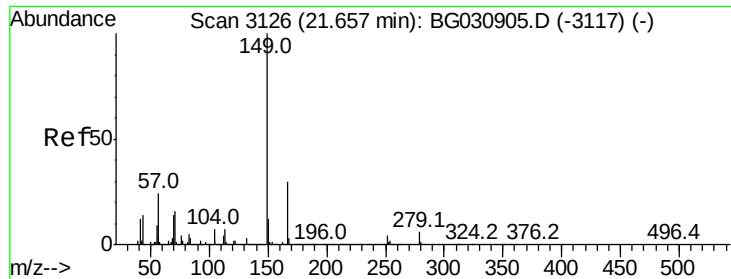
Ion Ratio Lower Upper

228 100

226 30.9 24.9 37.3

229 20.7 15.0 22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 31.022 ng

RT: 21.62 min Scan# 3119

Delta R.T. -0.03 min

Lab File: BG031366.D

Acq: 5 Dec 2017 3:23

Instrument :

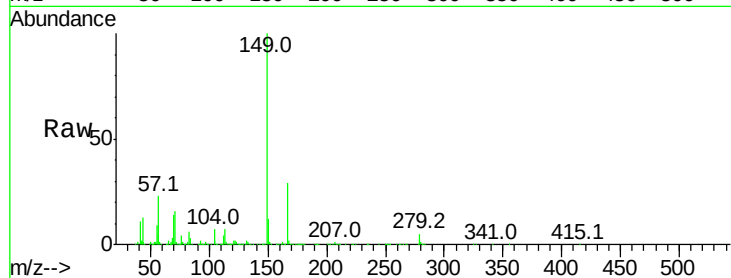
BNA_G

ClientSampleId :

IDOC-SOIL-2

Tot Ion:149 Resp: 565324

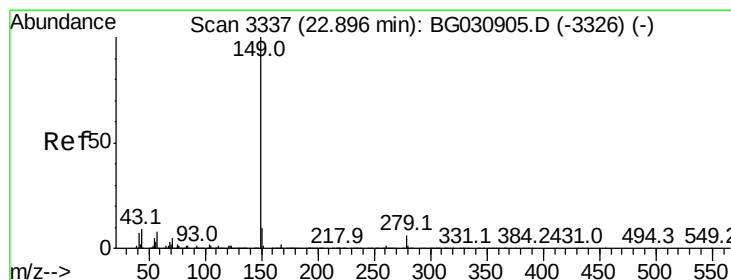
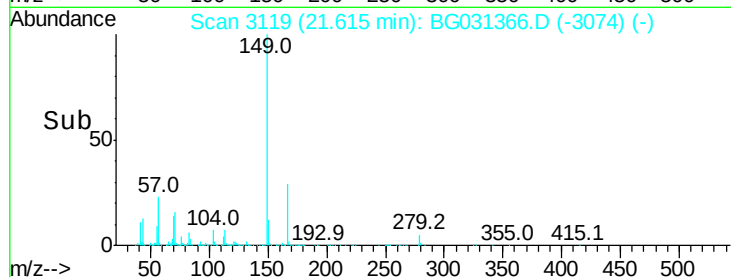
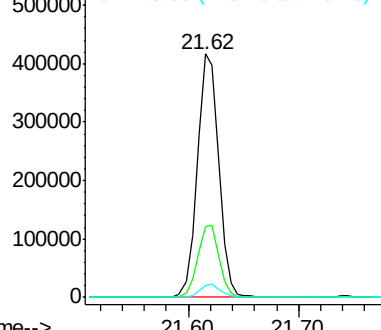
Ion	Ratio	Lower	Upper
149	100		
167	29.2	24.3	36.5
279	5.1	4.0	6.0



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: 31.614 ng

RT: 22.84 min Scan# 3328

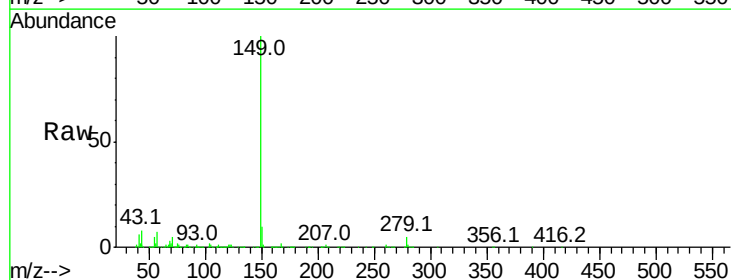
Delta R.T. -0.05 min

Lab File: BG031366.D

Acq: 5 Dec 2017 3:23

Tgt Ion:149 Resp: 937675

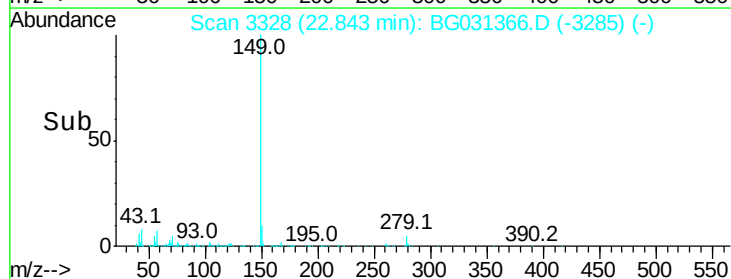
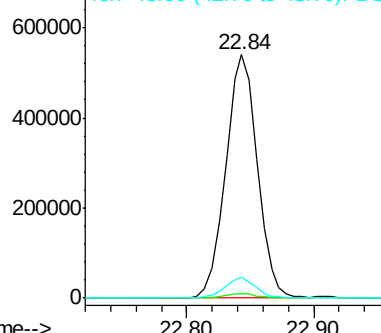
Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.4	2.0
43	8.0	8.9	13.3#

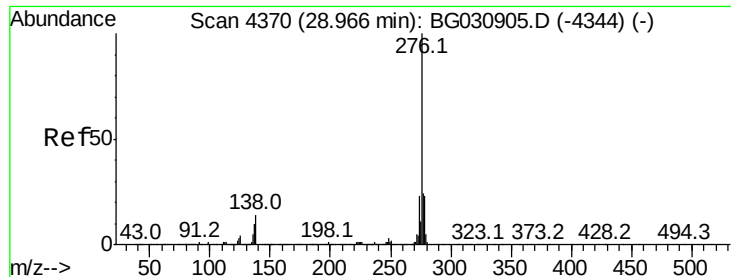


Abundance Ion 149.00 (148.70 to 149.70): E

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: 29.674 ng

RT: 28.84 min Scan# 4349

Delta R.T. -0.05 min

Lab File: BG031366.D

Acq: 5 Dec 2017 3:23

Instrument :

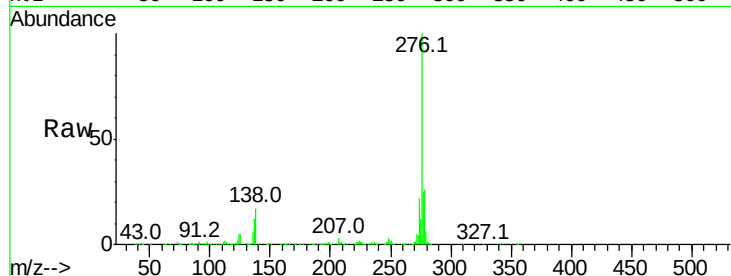
BNA_G

ClientSampleId :

IDOC-SOIL-2

Tot Ion:276 Resp: 1106009

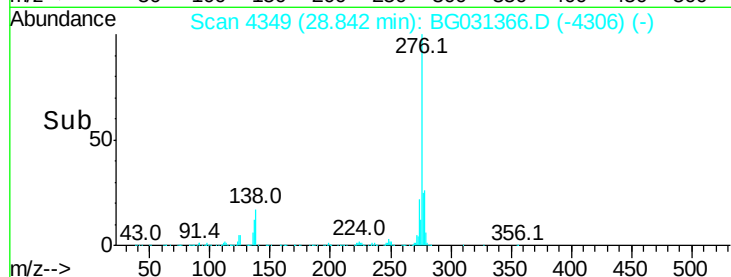
Ion	Ratio	Lower	Upper
276	100		
138	20.0	16.0	24.0
277	25.8	20.0	30.0



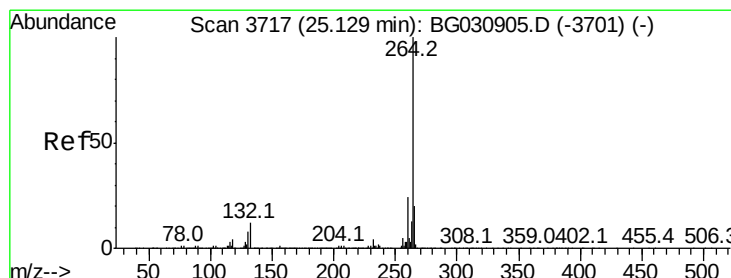
Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.06 min Scan# 3706

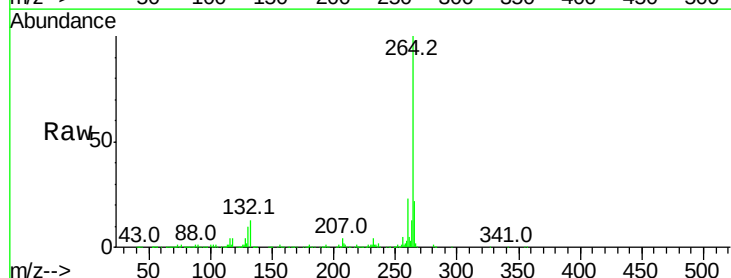
Delta R.T. -0.03 min

Lab File: BG031366.D

Acq: 5 Dec 2017 3:23

Tgt Ion:264 Resp: 538725

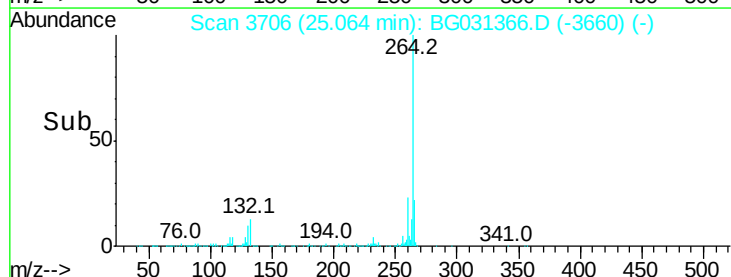
Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.4	26.0
265	22.3	17.7	26.5



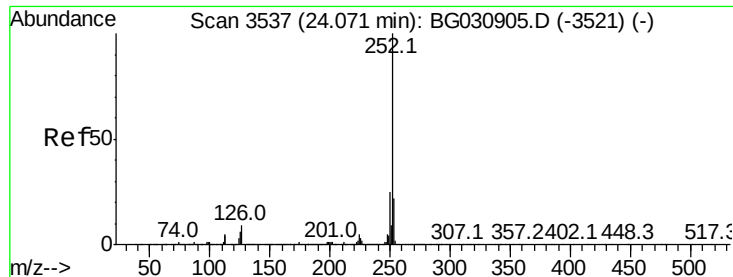
Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



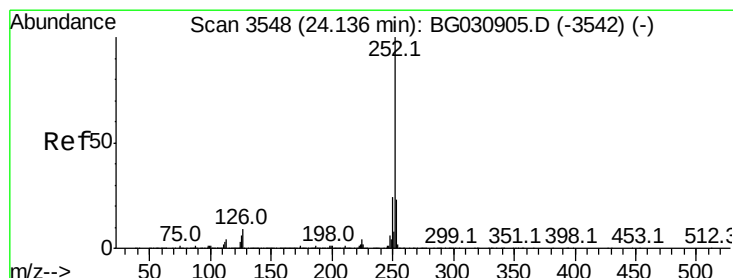
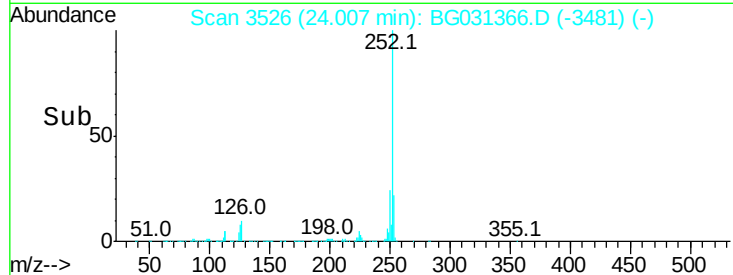
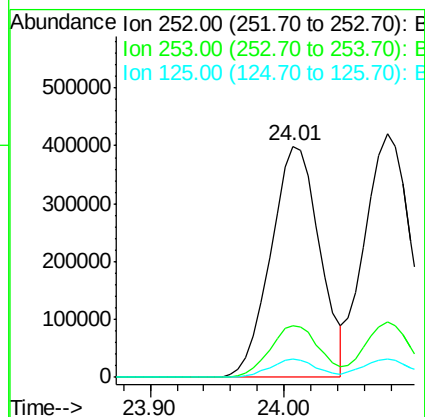
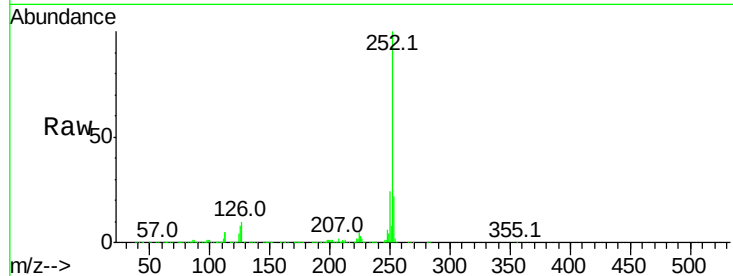
Time-->



#87
Benzo(b)fluoranthene
Concen: 31.209 ng
RT: 24.01 min Scan# 3526
Delta R.T. -0.03 min
Lab File: BG031366.D
Acq: 5 Dec 2017 3:23

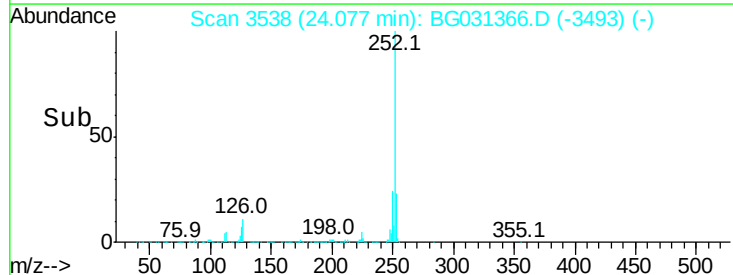
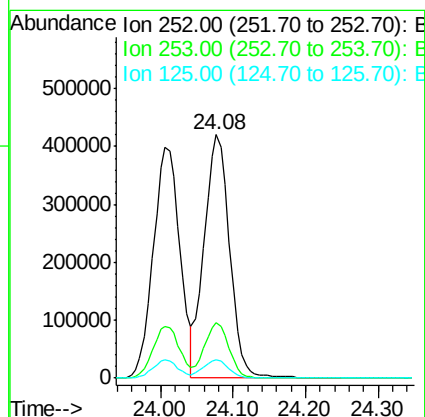
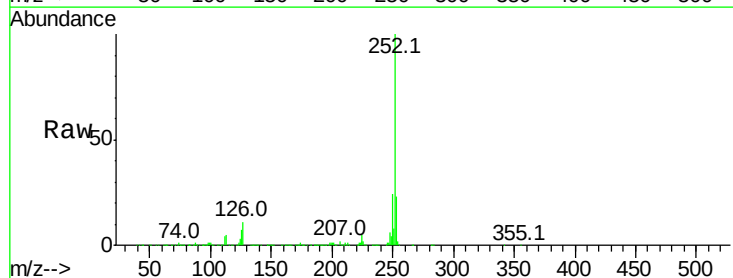
Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-2

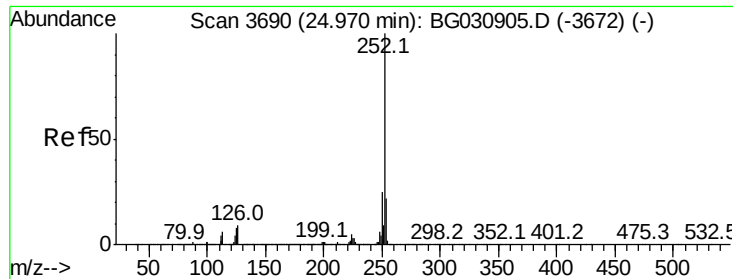
Tot Ion:252 Resp: 1017027
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.4
125 7.8 7.2 10.8



#88
Benzo(k)fluoranthene
Concen: 31.545 ng
RT: 24.08 min Scan# 3538
Delta R.T. -0.03 min
Lab File: BG031366.D
Acq: 5 Dec 2017 3:23

Tgt Ion:252 Resp: 1018913
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.2
125 7.5 6.6 9.8





#89

Benzo(a)pyrene

Concen: 32.169 ng

RT: 24.91 min Scan# 3679

Delta R.T. -0.03 min

Lab File: BG031366.D

Acq: 5 Dec 2017 3:23

Instrument :

BNA_G

ClientSampleId :

IDOC-SOIL-2

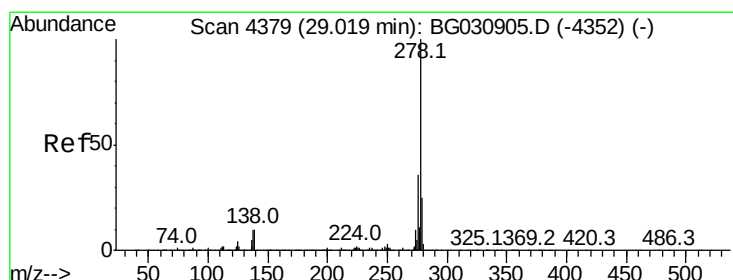
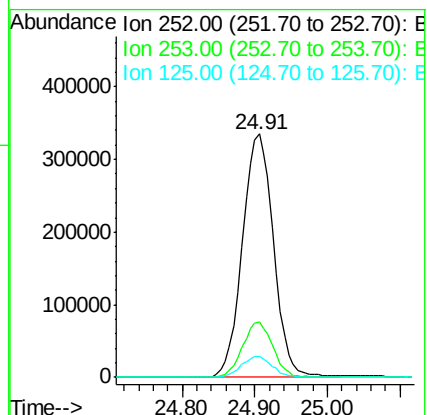
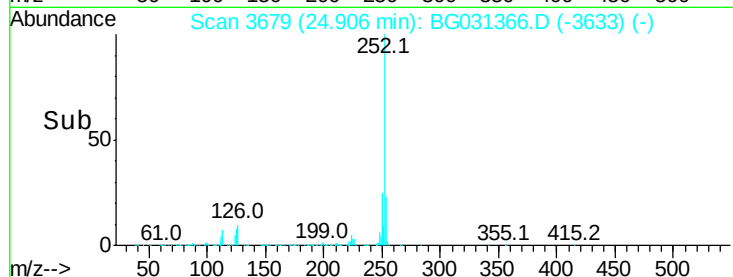
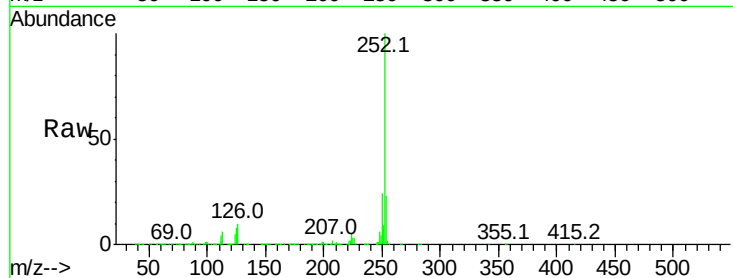
Tot Ion:252 Resp: 995883

Ion Ratio Lower Upper

252 100

253 22.7 18.3 27.5

125 8.4 7.3 10.9



#90

Dibenzo(a,h)anthracene

Concen: 29.568 ng

RT: 28.90 min Scan# 4358

Delta R.T. -0.05 min

Lab File: BG031366.D

Acq: 5 Dec 2017 3:23

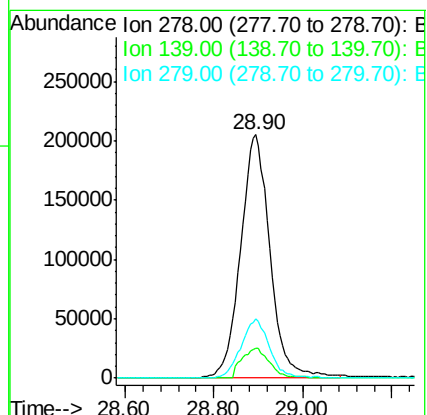
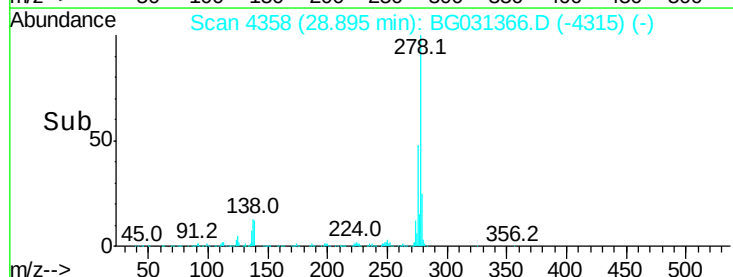
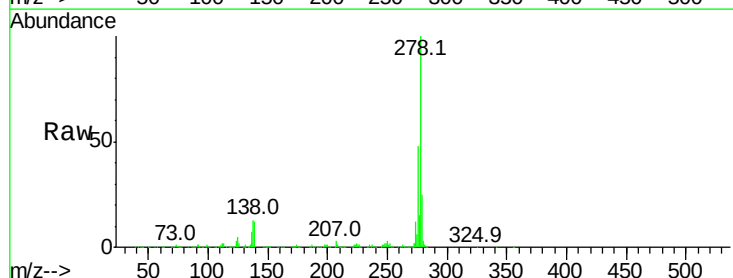
Tgt Ion:278 Resp: 935605

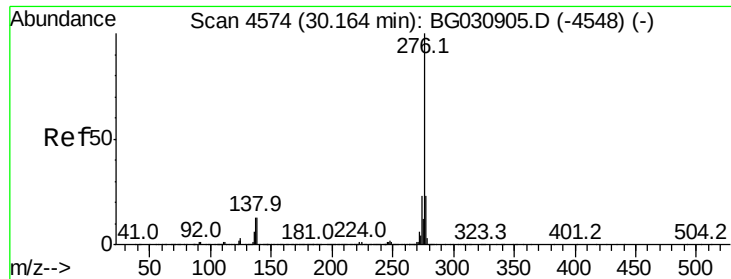
Ion Ratio Lower Upper

278 100

139 12.3 9.8 14.6

279 24.5 18.4 27.6





#91
 Benzo(a,h,i)perylene
 Concen: 29.987 ng
 RT: 30.03 min Scan# 4551
 Delta R.T. -0.05 min
 Lab File: BG031366.D
 Acq: 5 Dec 2017 3:23

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-SOIL-2

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.3	27.5
138	15.7	13.9	20.9

