

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100918\
 Data File : BG037225.D
 Acq On : 9 Oct 2018 20:07
 Operator : JU/SJ
 Sample : J5270-08MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PHASE-3-SOILMSD

Quant Time: Oct 10 07:05:24 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 10 06:57:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	46162	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	182861	20.00	ng	0.00
38) Acenaphthene-d10	14.59	164	115080	20.00	ng	0.00
63) Phenanthrene-d10	17.33	188	307093	20.00	ng	0.00
75) Chrysene-d12	21.59	240	320272	20.00	ng	0.00
86) Perylene-d12	24.71	264	326306	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	278602	115.74	ng	0.00
7) Phenol-d6	7.12	99	347508	93.31	ng	0.00
23) Nitrobenzene-d5	9.11	82	284519	83.32	ng	0.00
41) 2,4,6-Tribromophenol	16.08	330	185142	134.47	ng	0.00
44) 2-Fluorobiphenyl	13.21	172	612400	79.26	ng	0.00
78) Terphenyl-d14	19.94	244	1123148	92.21	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.41	88	44467	40.372	ng	# 84
3) Pyridine	3.82	79	103670	32.598	ng	98
4) n-Nitrosodimethylamine	3.73	42	62503	44.219	ng	# 94
6) Aniline	7.28	93	62190	12.870	ng	97
8) 2-Chlorophenol	7.52	128	124199	44.438	ng	98
9) Benzaldehyde	7.09	77	54685	22.222	ng	96
10) Phenol	7.14	94	138360	35.999	ng	96
11) bis(2-Chloroethyl)ether	7.37	93	122968	34.588	ng	99
12) 1,3-Dichlorobenzene	7.84	146	139908	40.831	ng	98
13) 1,4-Dichlorobenzene	7.99	146	137010	39.073	ng	99
14) 1,2-Dichlorobenzene	8.30	146	135456	39.863	ng	97
15) Benzyl Alcohol	8.19	79	112966	37.384	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.48	45	254467	37.281	ng	95
17) 2-Methylphenol	8.40	107	105062	39.243	ng	98
18) Hexachloroethane	9.03	117	55287	42.845	ng	89
19) n-Nitroso-di-n-propylamine	8.75	70	110886	35.792	ng	97
20) 3+4-Methylphenols	8.73	107	141802	38.073	ng	99
22) Acetophenone	8.77	105	204865	47.674	ng	98
24) Nitrobenzene	9.15	77	160167	43.923	ng	97
25) Isophorone	9.68	82	318745	51.086	ng	98
26) 2-Nitrophenol	9.87	139	69380	47.733	ng	97
27) 2,4-Dimethylphenol	9.92	122	119977	52.990	ng	99
28) bis(2-Chloroethoxy)methane	10.16	93	172483	44.800	ng	99
29) 2,4-Dichlorophenol	10.41	162	124718	47.518	ng	95
30) 1,2,4-Trichlorobenzene	10.62	180	140289	42.711	ng	98
31) Naphthalene	10.81	128	420257	48.302	ng	99
32) Benzoic acid	10.05	122	2657	7.165	ng	# 77
33) 4-Chloroaniline	10.93	127	8303	2.099	ng	# 87
34) Hexachlorobutadiene	11.09	225	96908	42.663	ng	98
35) Caprolactam	11.72	113	32594	30.172	ng	# 89
36) 4-Chloro-3-methylphenol	12.04	107	148310	47.357	ng	94
37) 2-Methylnaphthalene	12.41	142	309459	46.700	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.78	216	173344	43.187	ng	98
40) Hexachlorocyclopentadiene	12.76	237	205088	99.350	ng	97

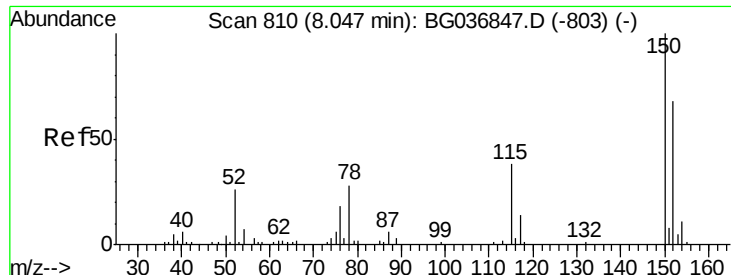
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100918\
 Data File : BG037225.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.02	196	112835	50.624	ng	99
43) 2,4,5-Trichlorophenol	13.09	196	117214	49.319	ng	99
45) 1,1'-Biphenyl	13.42	154	400385	45.429	ng	98
46) 2-Chloronaphthalene	13.46	162	305331	44.052	ng	99
47) 2-Nitroaniline	13.67	65	114898	47.927	ng	99
48) Acenaphthylene	14.31	152	528654	48.674	ng	99
49) Dimethylphthalate	14.04	163	433237	46.770	ng	98
50) 2,6-Dinitrotoluene	14.16	165	98374	48.674	ng	93
51) Acenaphthene	14.65	154	303279	46.202	ng	99
52) 3-Nitroaniline	14.50	138	21275	9.990	ng	99
53) 2,4-Dinitrophenol	14.71	184	36729	42.719	ng	# 83
54) Dibenzofuran	14.98	168	500227	45.053	ng	100
55) 4-Nitrophenol	14.81	139	123260	90.597	ng	99
56) 2,4-Dinitrotoluene	14.95	165	139453	49.449	ng	92
57) Fluorene	15.64	166	408257	49.195	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.21	232	117729	48.830	ng	98
59) Diethylphthalate	15.41	149	444247	47.549	ng	100
60) 4-Chlorophenyl-phenylether	15.63	204	223874	42.597	ng	99
61) 4-Nitroaniline	15.66	138	107390	47.939	ng	95
62) Azobenzene	15.92	77	432051	48.128	ng	99
64) 4,6-Dinitro-2-methylphenol	15.72	198	49041	30.545	ng	94
65) n-Nitrosodiphenylamine	15.84	169	376817	44.447	ng	98
66) 4-Bromophenyl-phenylether	16.52	248	146695	41.997	ng	98
67) Hexachlorobenzene	16.64	284	151389	42.081	ng	99
68) Atrazine	16.79	200	167446	48.778	ng	98
69) Pentachlorophenol	16.99	266	80867	35.702	ng	99
70) Phenanthrene	17.37	178	720870	48.712	ng	99
71) Anthracene	17.47	178	718764	49.119	ng	99
72) Carbazole	17.74	167	665414	46.639	ng	99
73) Di-n-butylphthalate	18.29	149	806101	50.876	ng	99
74) Fluoranthene	19.38	202	889006	49.907	ng	99
76) Benzidine	19.58	184	41596	4.296	ng	97
77) Pyrene	19.74	202	901521	46.908	ng	100
79) Butylbenzylphthalate	20.63	149	380649	49.690	ng	96
80) Benzo(a)anthracene	21.57	228	890977	47.657	ng	100
81) 3,3'-Dichlorobenzidine	21.49	252	97856	13.751	ng	96
82) Chrysene	21.63	228	823023	45.562	ng	99
83) Bis(2-ethylhexyl)phthalate	21.48	149	527453	49.287	ng	100
84) Di-n-octyl phthalate	22.65	149	889275	50.470	ng	98
85) Indeno(1,2,3-cd)pyrene	28.27	276	889045	45.832	ng	# 94
87) Benzo(b)fluoranthene	23.73	252	850821	48.927	ng	98
88) Benzo(k)fluoranthene	23.79	252	825241	47.301	ng	99
89) Benzo(a)pyrene	24.57	252	832582	49.523	ng	99
90) Dibenzo(a,h)anthracene	28.33	278	743616	47.195	ng	98
91) Benzo(g,h,i)perylene	29.38	276	733888	46.410	ng	98

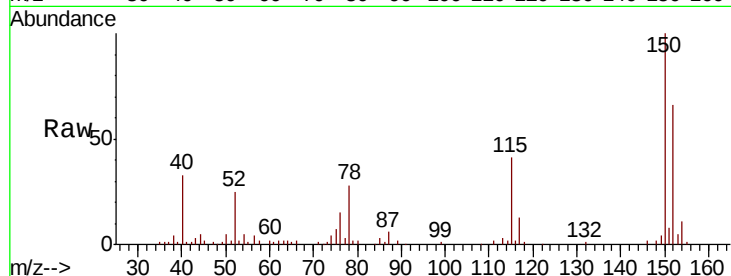
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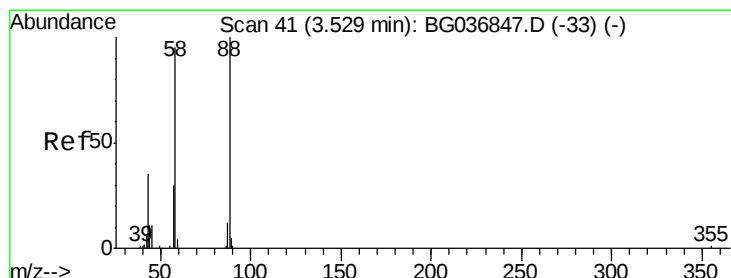
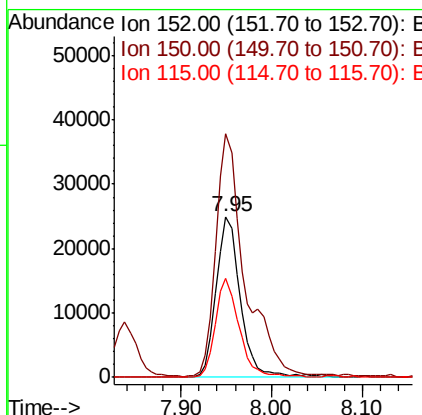
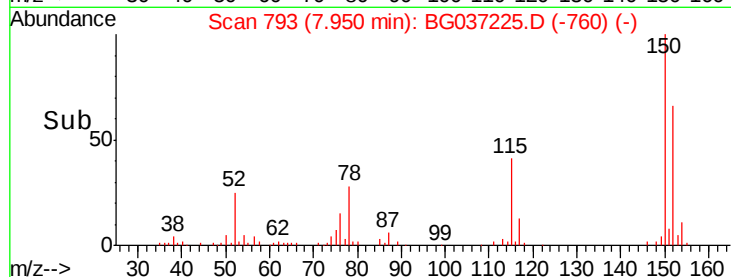
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.95 min Scan# 793
 Delta R.T. -0.00 min
 Lab File: BG037225.D
 Acq: 9 Oct 2018 20:07

Instrument :
 BNA_G
 ClientSampleId :
 PHASE-3-SOILMSD

Tgt Ion:152 Resp: 46162
 Ion Ratio Lower Upper
 152 100
 150 151.5 119.5 179.3
 115 61.9 44.5 66.7

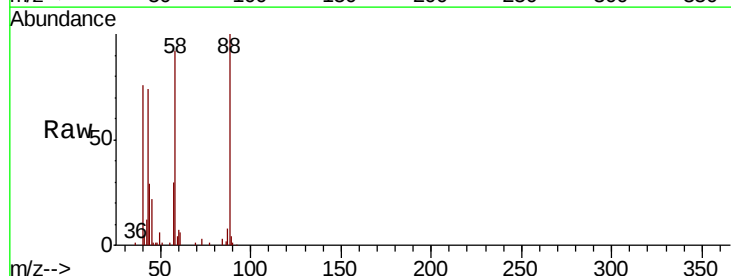


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

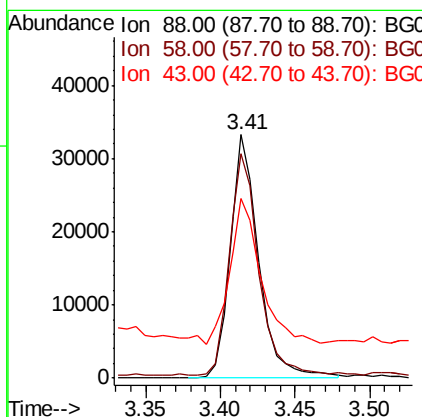
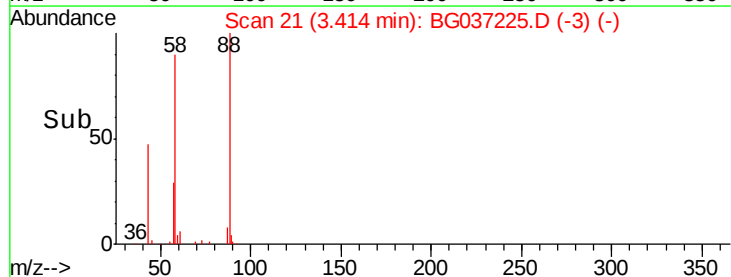


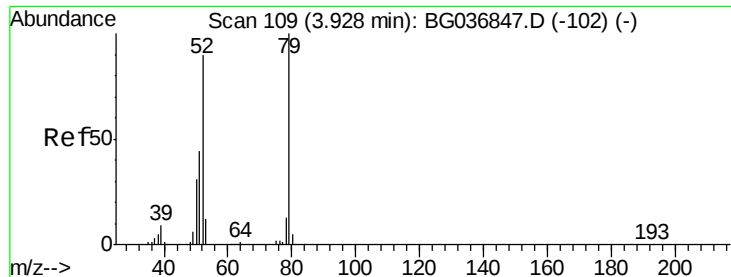
#2
 1,4-Dioxane
 Concen: 40.372 ng
 RT: 3.41 min Scan# 21
 Delta R.T. 0.01 min
 Lab File: BG037225.D
 Acq: 9 Oct 2018 20:07

Tgt Ion: 88 Resp: 44467
 Ion Ratio Lower Upper
 88 100
 58 93.5 72.6 109.0
 43 65.3 29.0 43.4#



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

Pyridine

Concen: 32.598 ng

RT: 3.82 min Scan# 90

Delta R.T. 0.01 min

Lab File: BG037225.D

Acq: 9 Oct 2018 20:07

Instrument :

BNA_G

ClientSampleId :

PHASE-3-SOILMSD

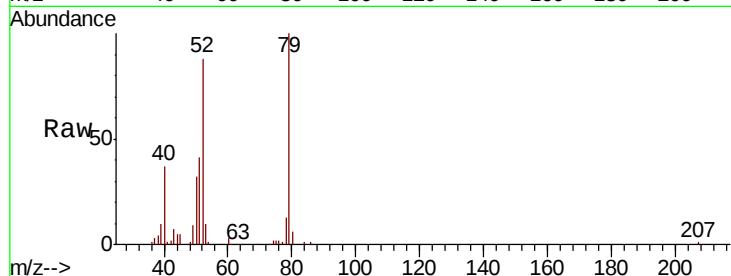
Tgt Ion: 79 Resp: 103670

Ion Ratio Lower Upper

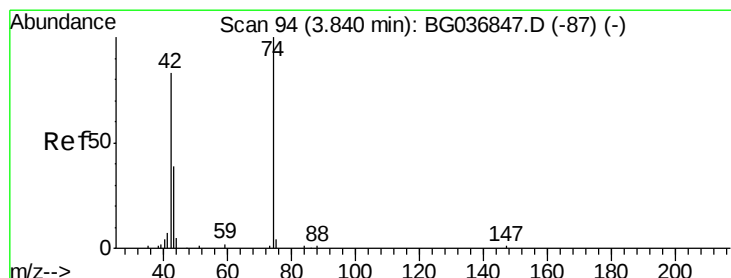
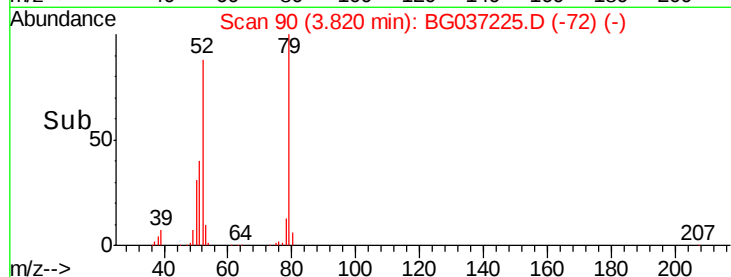
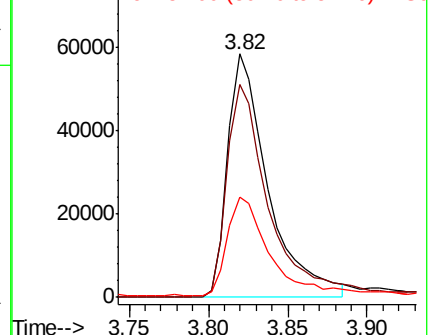
79 100

52 87.5 72.3 108.5

51 41.4 33.8 50.6



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 44.219 ng

RT: 3.73 min Scan# 74

Delta R.T. -0.00 min

Lab File: BG037225.D

Acq: 9 Oct 2018 20:07

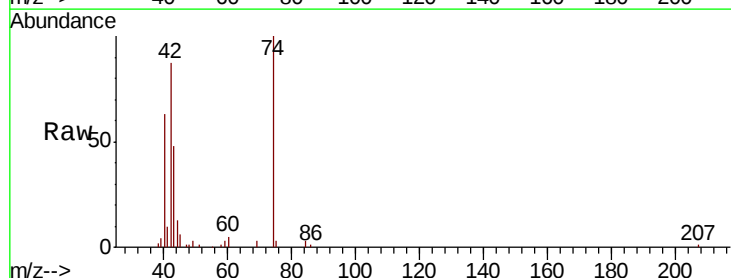
Tgt Ion: 42 Resp: 62503

Ion Ratio Lower Upper

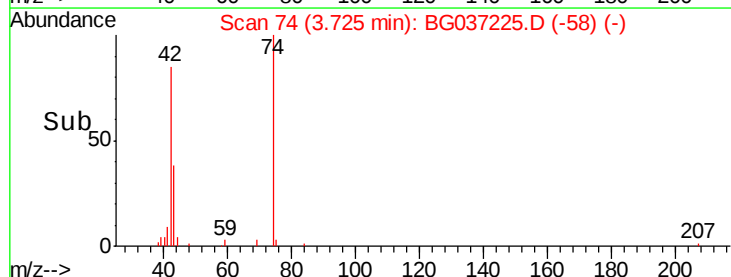
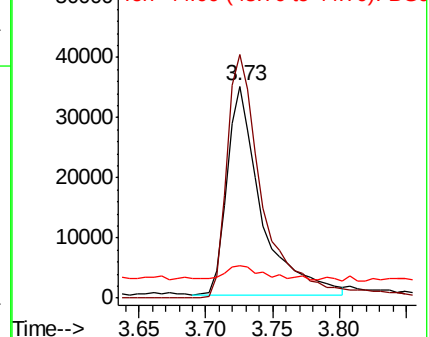
42 100

74 115.0 96.6 145.0

44 15.3 7.0 10.4#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 115.744 ng

RT: 5.52 min Scan# 380

Delta R.T. 0.01 min

Lab File: BG037225.D

Acq: 9 Oct 2018 20:07

Instrument :

BNA_G

ClientSampleId :

PHASE-3-SOILMSD

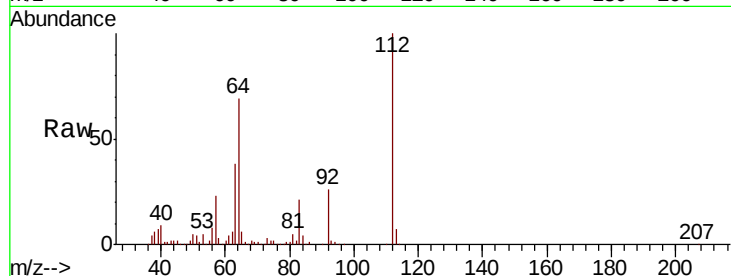
Tgt Ion: 112 Resp: 278602

Ion Ratio Lower Upper

112 100

64 68.7 57.2 85.8

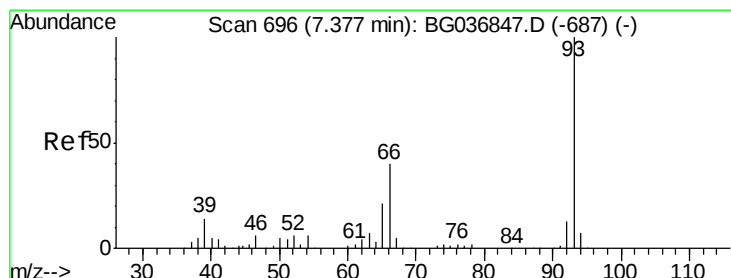
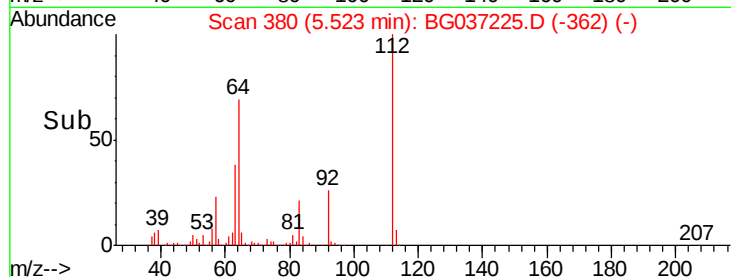
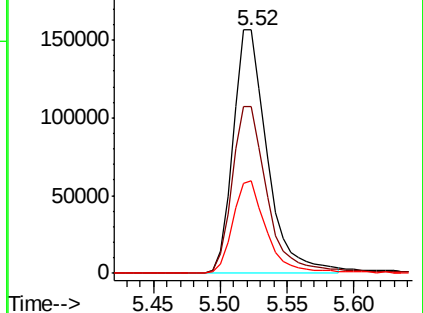
63 38.3 30.8 46.2



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: 12.870 ng

RT: 7.28 min Scan# 679

Delta R.T. 0.00 min

Lab File: BG037225.D

Acq: 9 Oct 2018 20:07

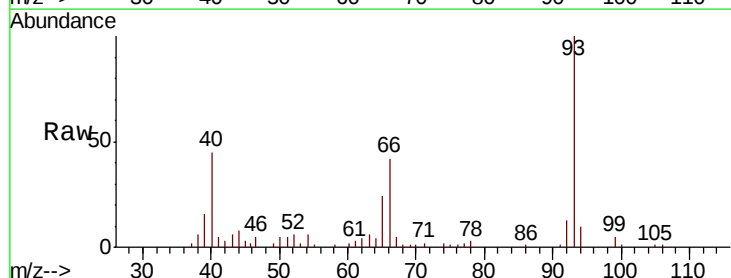
Tgt Ion: 93 Resp: 62190

Ion Ratio Lower Upper

93 100

66 42.3 35.0 52.4

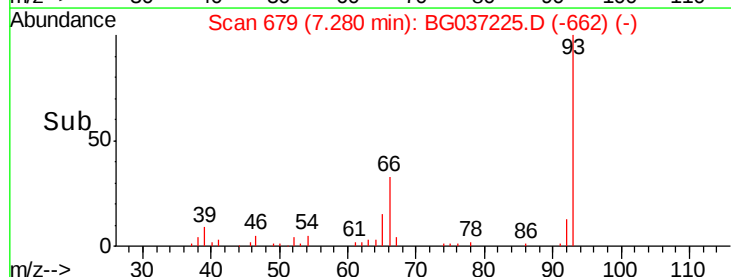
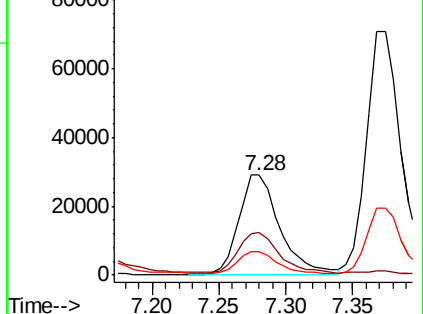
65 24.1 17.6 26.4



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: 93.313 ng

RT: 7.12 min Scan# 651

Delta R.T. 0.00 min

Lab File: BG037225.D

Acq: 9 Oct 2018 20:07

Instrument :

BNA_G

ClientSampleId :

PHASE-3-SOILMSD

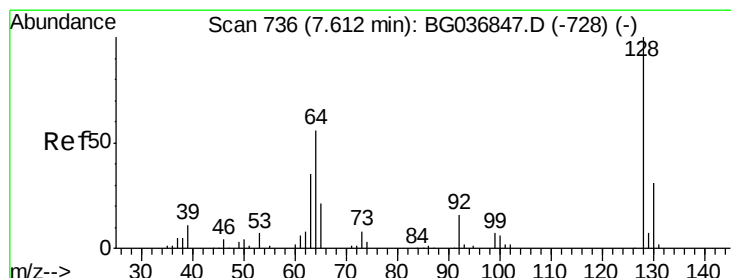
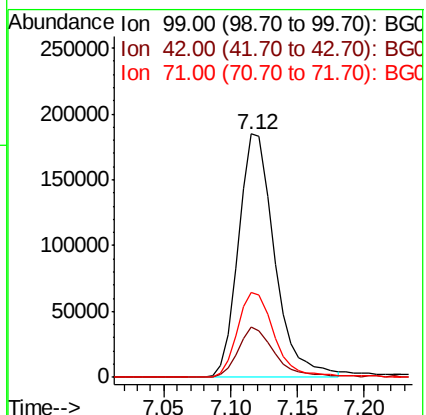
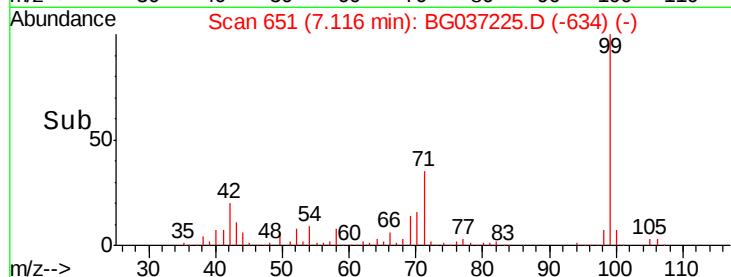
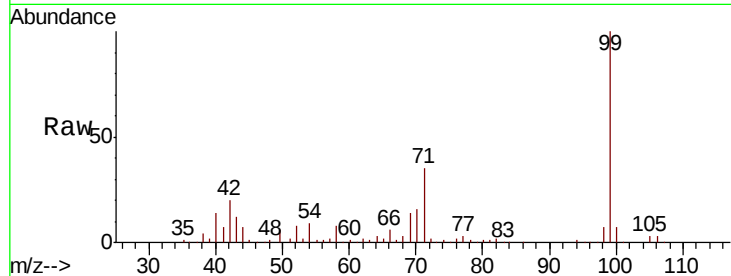
Tgt Ion: 99 Resp: 347508

Ion Ratio Lower Upper

99 100

42 20.4 16.5 24.7

71 34.9 29.4 44.2



#8

2-Chlorophenol

Concen: 44.438 ng

RT: 7.52 min Scan# 719

Delta R.T. 0.00 min

Lab File: BG037225.D

Acq: 9 Oct 2018 20:07

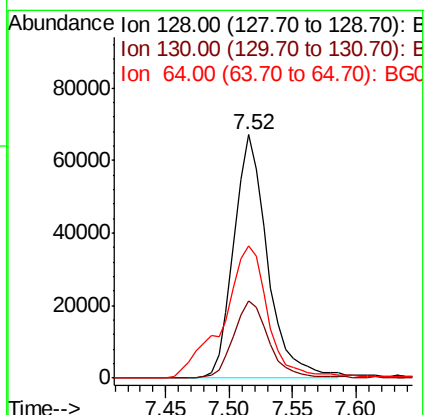
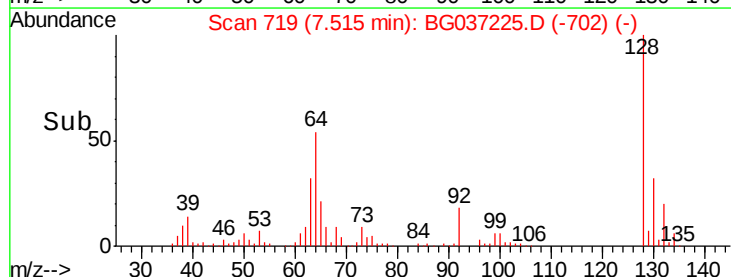
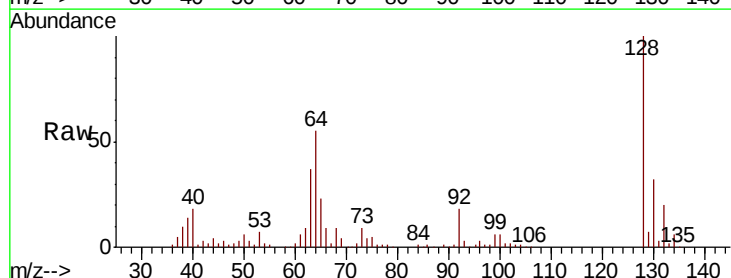
Tgt Ion: 128 Resp: 124199

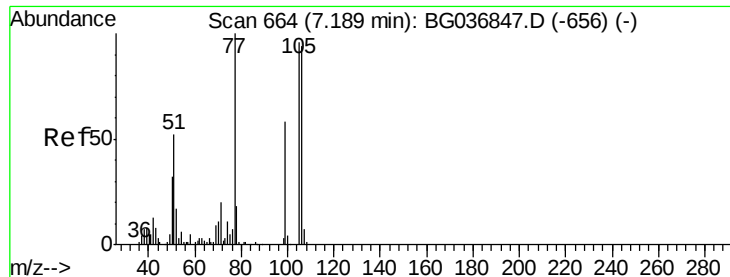
Ion Ratio Lower Upper

128 100

130 31.6 10.0 50.0

64 54.6 36.0 76.0





#9

Benzaldehyde

Concen: 22.222 ng

RT: 7.09 min Scan# 646

Delta R.T. -0.00 min

Lab File: BG037225.D

Acq: 9 Oct 2018 20:07

Instrument :

BNA_G

ClientSampleId :

PHASE-3-SOILMSD

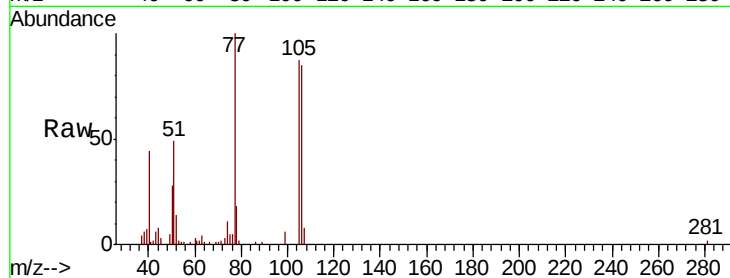
Tgt Ion: 77 Resp: 54685

Ion Ratio Lower Upper

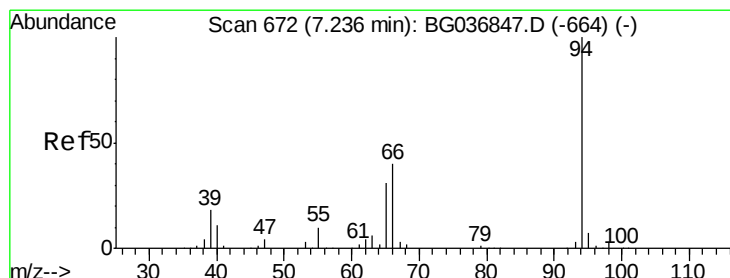
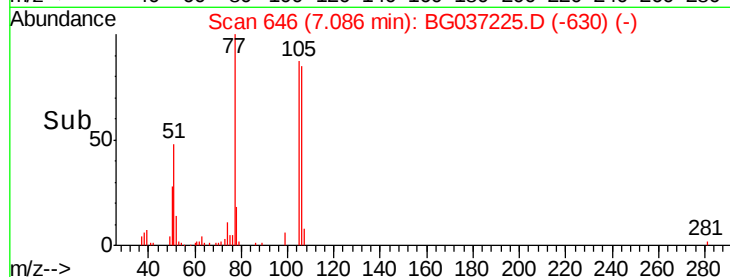
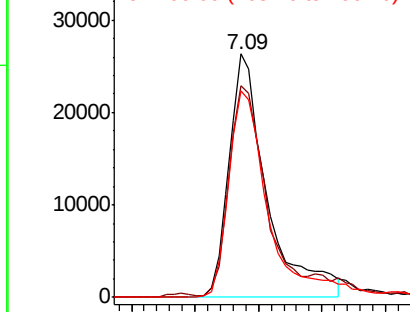
77 100

105 87.2 70.5 110.5

106 84.8 69.8 109.8



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



#10

Phenol

Concen: 35.999 ng

RT: 7.14 min Scan# 656

Delta R.T. 0.00 min

Lab File: BG037225.D

Acq: 9 Oct 2018 20:07

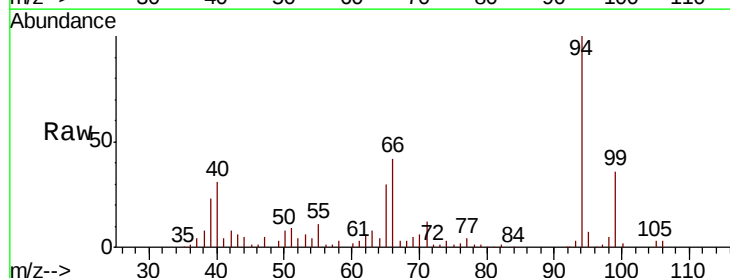
Tgt Ion: 94 Resp: 138360

Ion Ratio Lower Upper

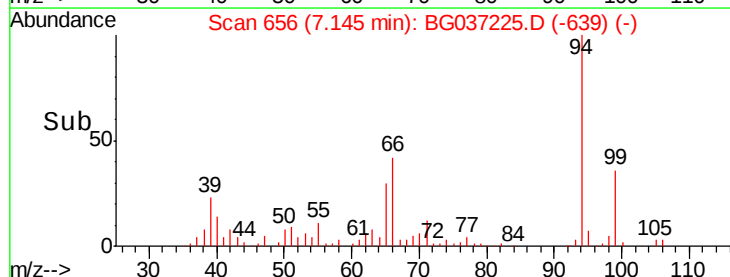
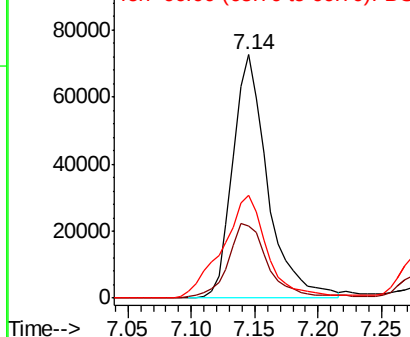
94 100

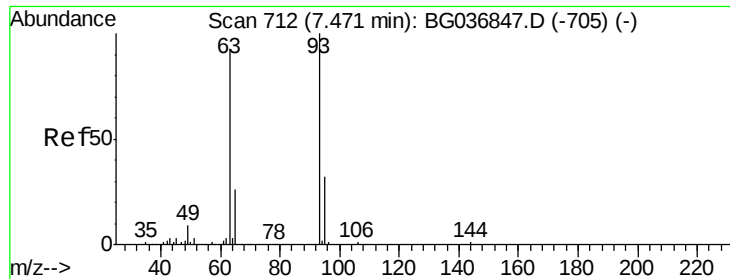
65 29.8 11.5 51.5

66 42.0 19.5 59.5



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





#11

bis(2-Chloroethyl)ether

Concen: 34.588 ng

RT: 7.37 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG037225.D

Acq: 9 Oct 2018 20:07

Instrument :

BNA_G

ClientSampleId :

PHASE-3-SOILMSD

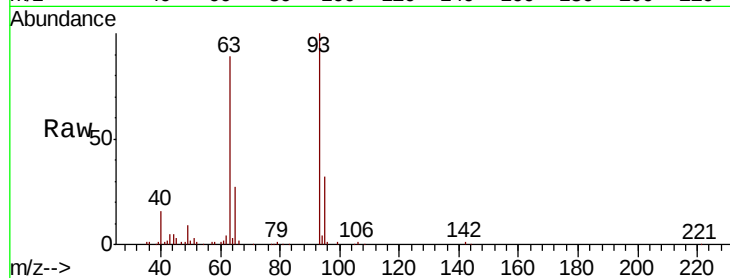
Tgt Ion: 93 Resp: 122968

Ion Ratio Lower Upper

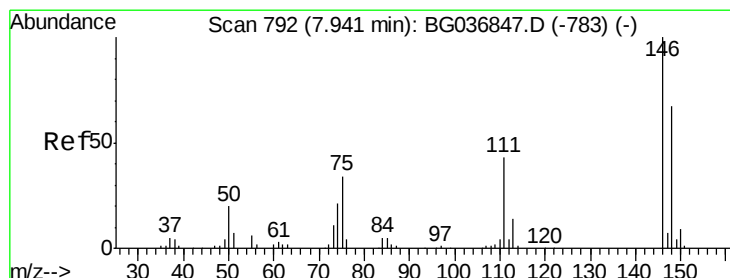
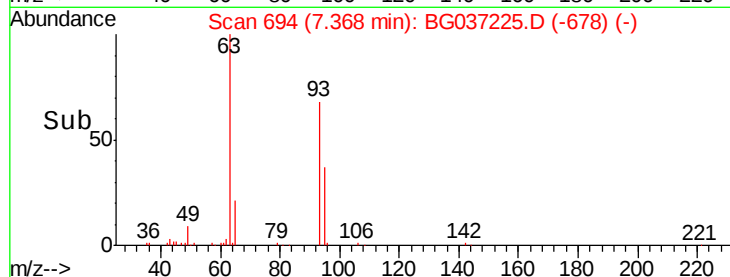
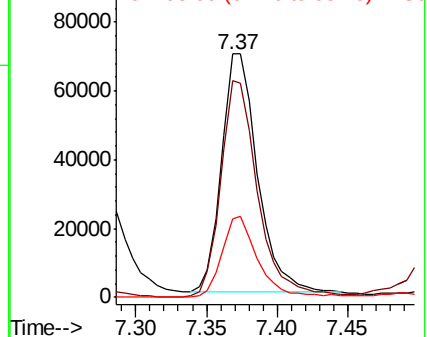
93 100

63 88.8 69.9 109.9

95 32.2 11.7 51.7



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



#12

1,3-Dichlorobenzene

Concen: 40.831 ng

RT: 7.84 min Scan# 774

Delta R.T. 0.00 min

Lab File: BG037225.D

Acq: 9 Oct 2018 20:07

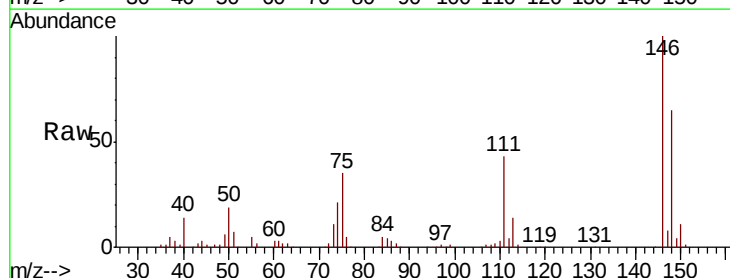
Tgt Ion: 146 Resp: 139908

Ion Ratio Lower Upper

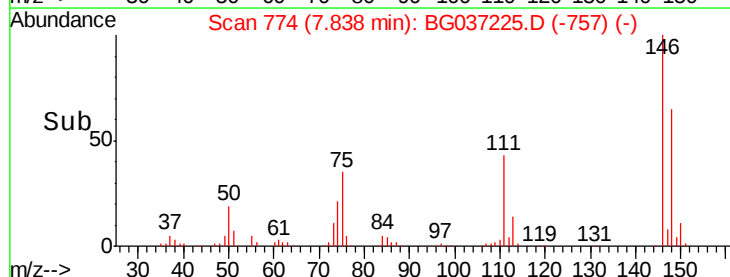
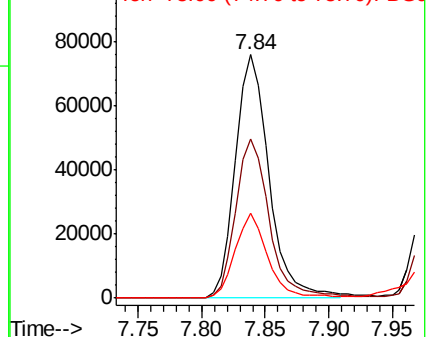
146 100

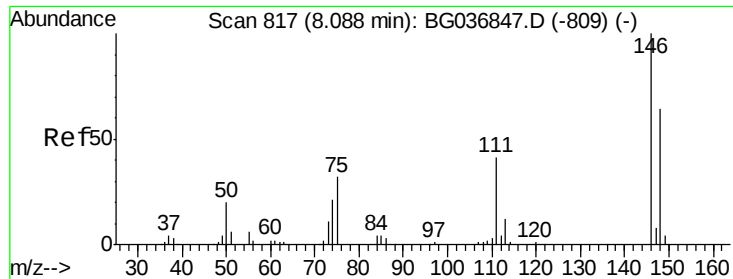
148 65.2 53.8 80.6

75 34.9 27.2 40.8



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

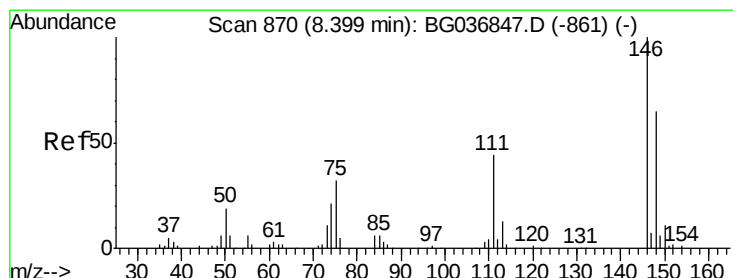
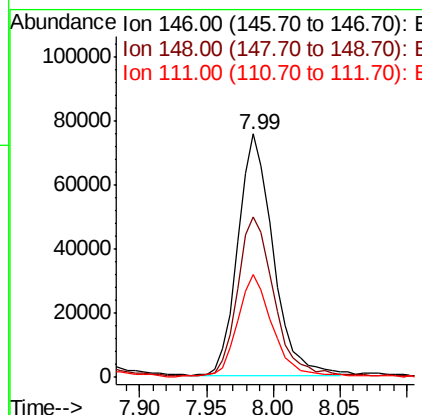
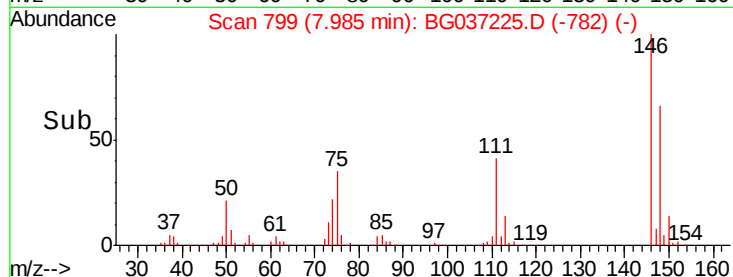
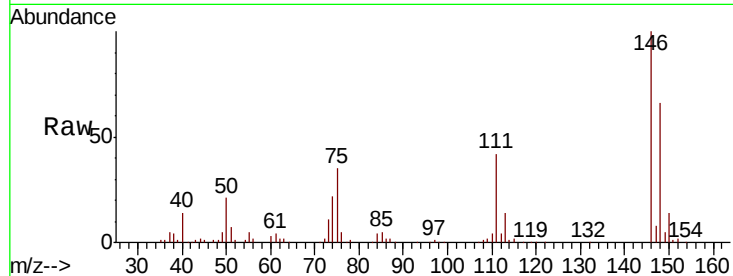




#13
 1,4-Dichlorobenzene
 Concen: 39.073 ng
 RT: 7.99 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BG037225.D
 Acq: 9 Oct 2018 20:07

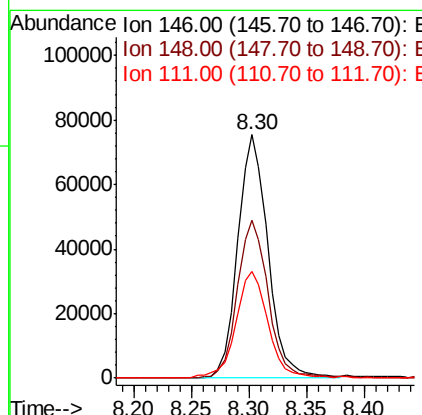
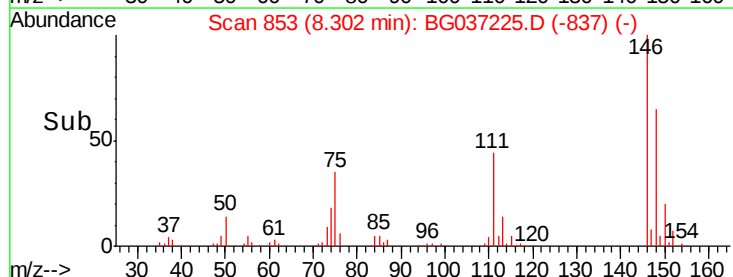
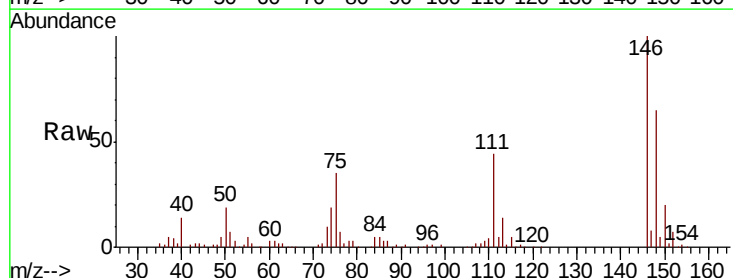
Instrument :
 BNA_G
 ClientSampleId :
 PHASE-3-SOILMSD

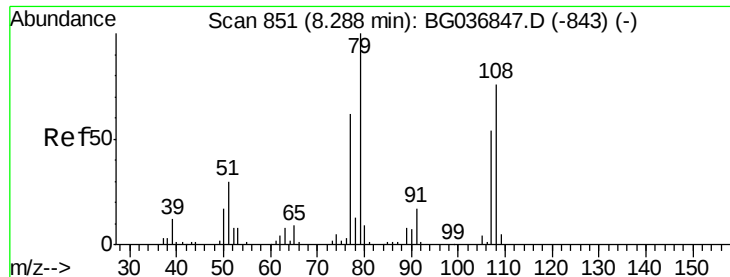
Tgt Ion:146 Resp: 137010
 Ion Ratio Lower Upper
 146 100
 148 65.9 53.9 80.9
 111 42.0 33.8 50.6



#14
 1,2-Dichlorobenzene
 Concen: 39.863 ng
 RT: 8.30 min Scan# 853
 Delta R.T. -0.00 min
 Lab File: BG037225.D
 Acq: 9 Oct 2018 20:07

Tgt Ion:146 Resp: 135456
 Ion Ratio Lower Upper
 146 100
 148 64.8 55.0 82.6
 111 43.9 34.6 51.8





#15

Benzyl Alcohol

Concen: 37.384 ng

RT: 8.19 min Scan# 834

Delta R.T. 0.00 min

Lab File: BG037225.D

Acq: 9 Oct 2018 20:07

Instrument :

BNA_G

ClientSampleId :

PHASE-3-SOILMSD

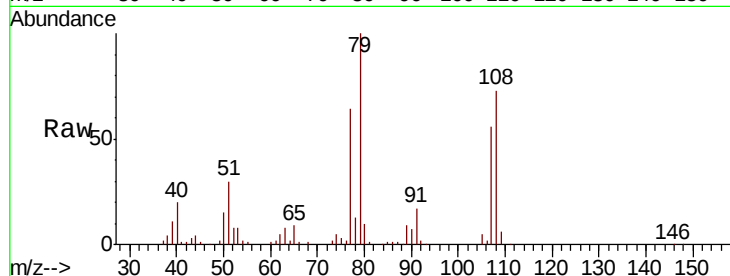
Tgt Ion: 79 Resp: 112966

Ion Ratio Lower Upper

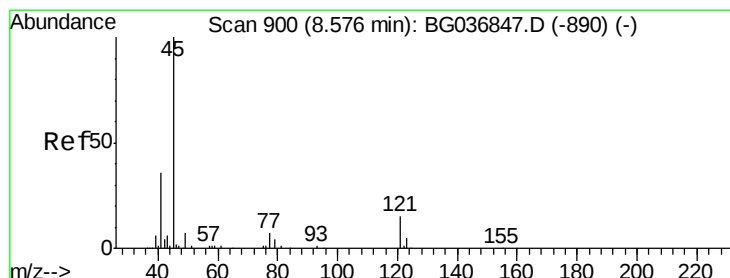
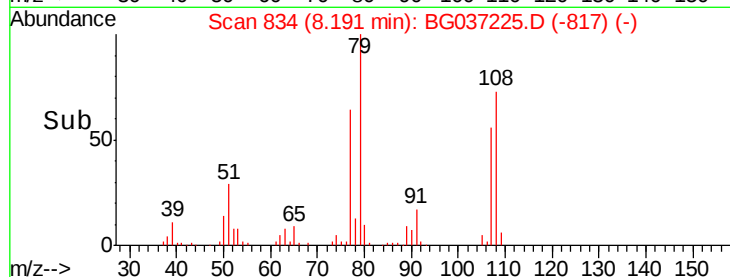
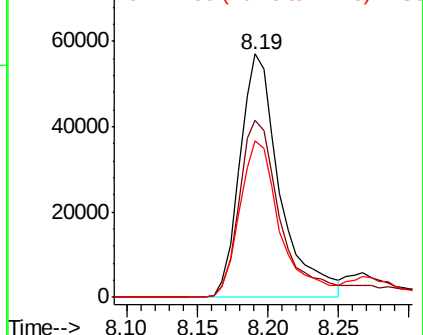
79 100

108 72.5 55.9 83.9

77 64.3 50.0 75.0



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.281 ng

RT: 8.48 min Scan# 883

Delta R.T. 0.00 min

Lab File: BG037225.D

Acq: 9 Oct 2018 20:07

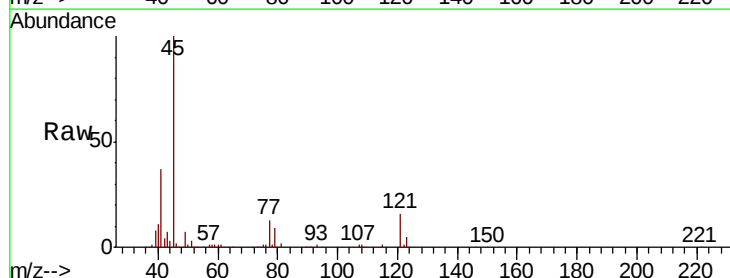
Tgt Ion: 45 Resp: 254467

Ion Ratio Lower Upper

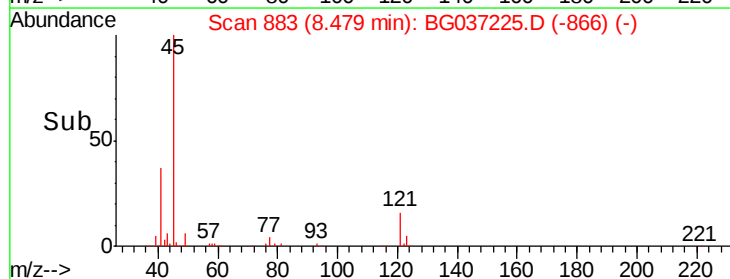
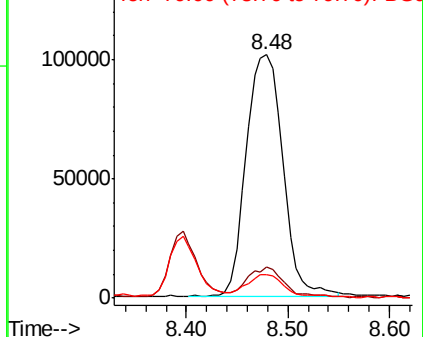
45 100

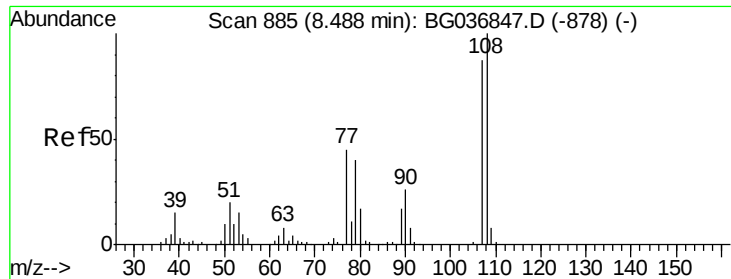
77 12.8 0.0 30.5

79 9.5 0.0 27.9



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

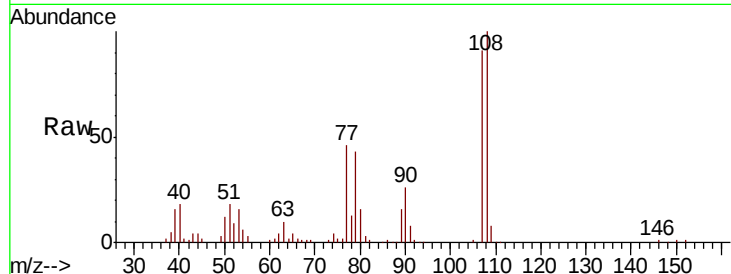




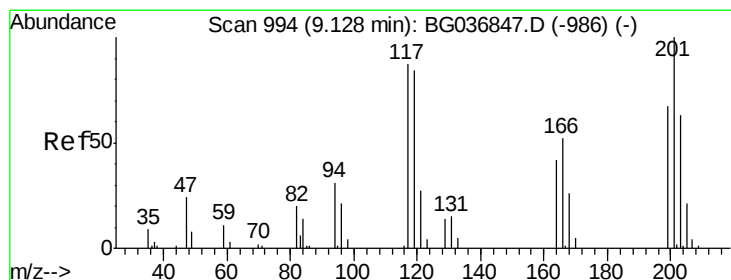
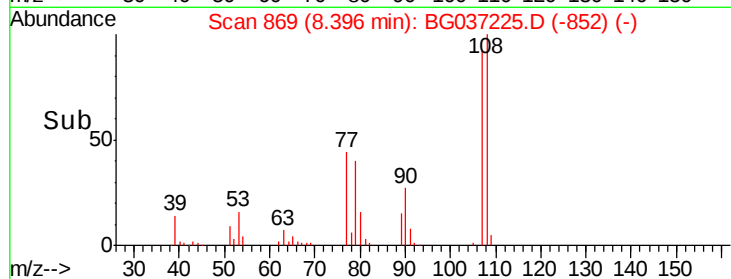
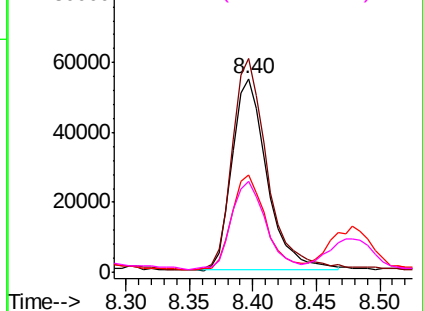
#17
2-Methylphenol
Concen: 39.243 ng
RT: 8.40 min Scan# 869
Delta R.T. 0.00 min
Lab File: BG037225.D
Acq: 9 Oct 2018 20:07

Instrument :
BNA_G
ClientSampleId :
PHASE-3-SOILMSD

Tgt Ion:	107	Resp:	105062
Ion	Ratio	Lower	Upper
107	100		
108	110.2	86.7	130.1
77	50.3	39.0	58.4
79	47.1	36.6	54.8

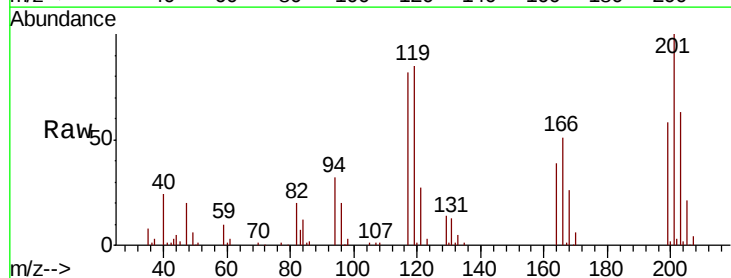


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

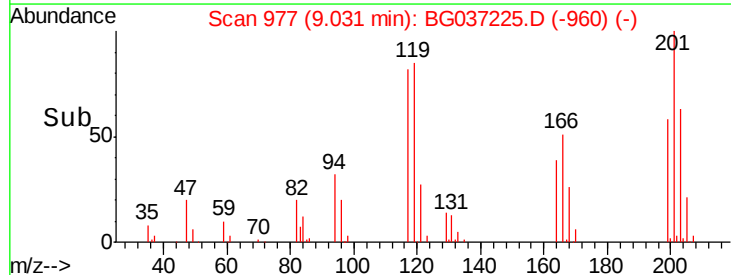
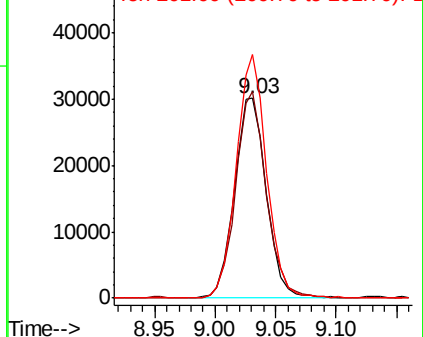


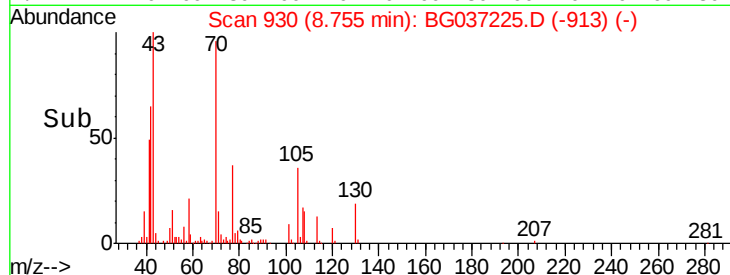
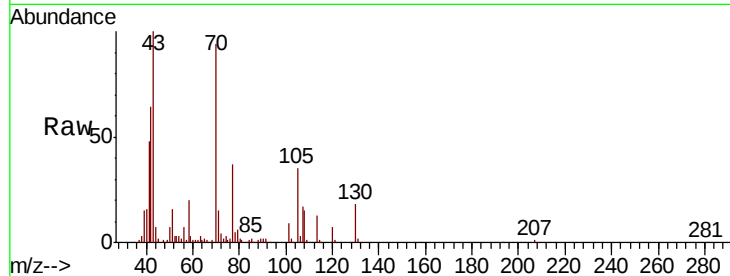
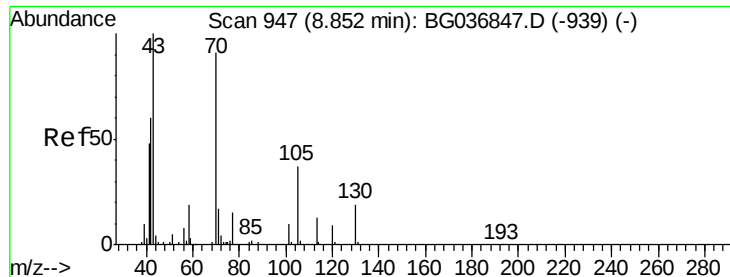
#18
Hexachloroethane
Concen: 42.845 ng
RT: 9.03 min Scan# 977
Delta R.T. 0.00 min
Lab File: BG037225.D
Acq: 9 Oct 2018 20:07

Tgt Ion:	117	Resp:	55287
Ion	Ratio	Lower	Upper
117	100		
119	103.3	76.8	115.2
201	121.9	85.7	128.5



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

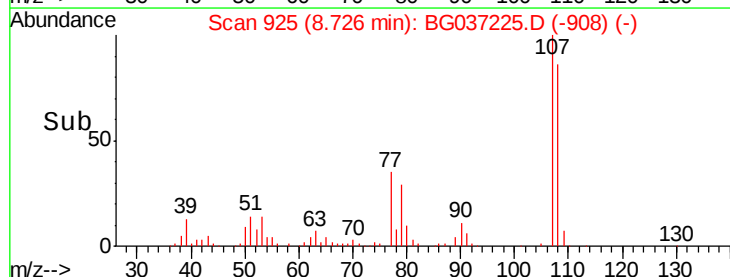
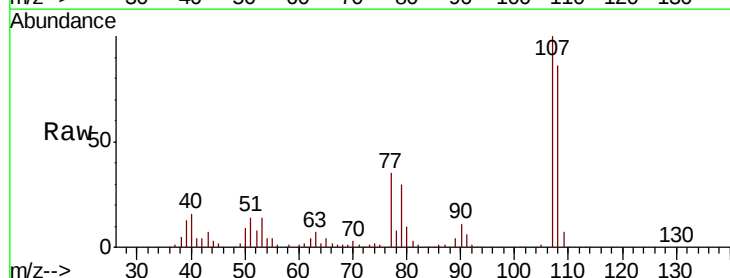
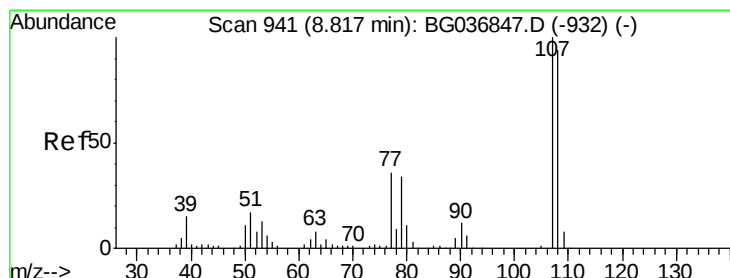
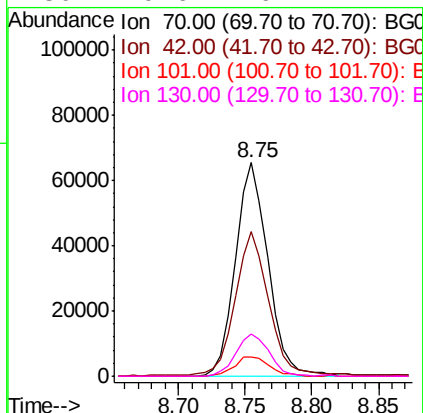




#19
n-Nitroso-di-n-propylamine
Concen: 35.792 ng
RT: 8.75 min Scan# 930
Delta R.T. 0.00 min
Lab File: BG037225.D
Acq: 9 Oct 2018 20:07

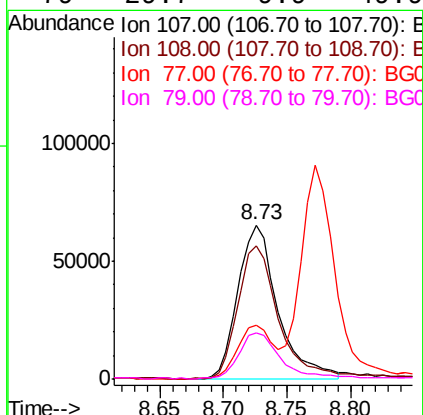
Instrument :
BNA_G
ClientSampleId :
PHASE-3-SOILMSD

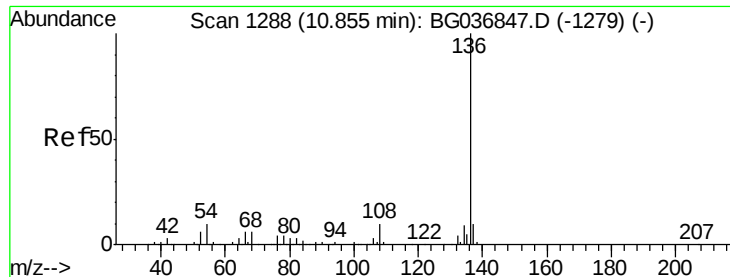
Tgt Ion:	70	Resp:	110886
Ion	Ratio	Lower	Upper
70	100		
42	67.4	56.2	84.4
101	9.2	7.8	11.6
130	19.6	16.2	24.2



#20
3+4-Methylphenols
Concen: 38.073 ng
RT: 8.73 min Scan# 925
Delta R.T. 0.00 min
Lab File: BG037225.D
Acq: 9 Oct 2018 20:07

Tgt Ion:	107	Resp:	141802
Ion	Ratio	Lower	Upper
107	100		
108	86.3	68.0	108.0
77	35.3	15.6	55.6
79	29.7	9.9	49.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.75 min Scan# 1270

Delta R.T. -0.00 min

Lab File: BG037225.D

Acq: 9 Oct 2018 20:07

Instrument :

BNA_G

ClientSampleId :

PHASE-3-SOILMSD

Tgt Ion:136 Resp: 182861

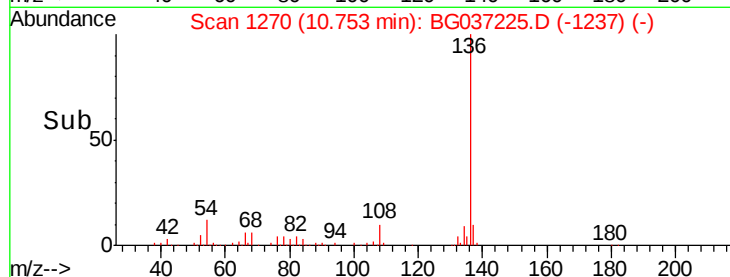
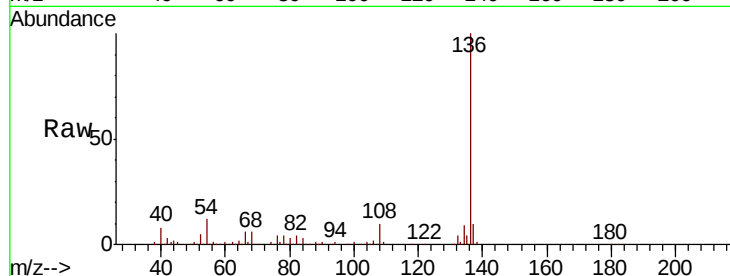
Ion Ratio Lower Upper

136 100

137 10.4 8.8 13.2

54 11.7 9.2 13.8

68 6.4 5.8 8.6

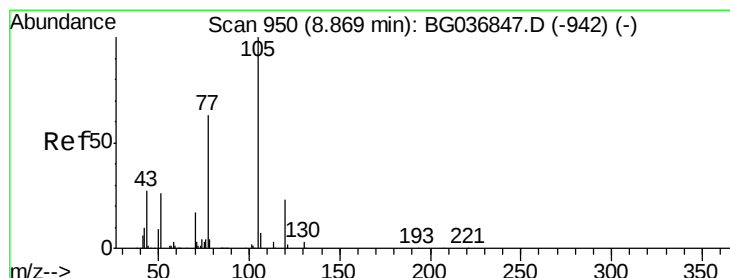
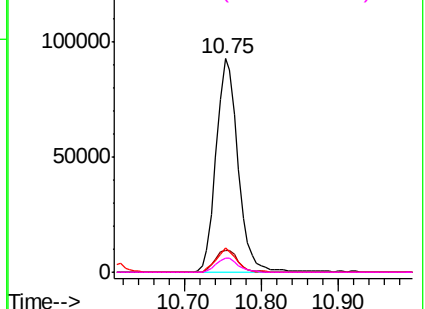


Abundance Ion 136.00 (135.70 to 136.70): E

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: 47.674 ng

RT: 8.77 min Scan# 933

Delta R.T. -0.00 min

Lab File: BG037225.D

Acq: 9 Oct 2018 20:07

Tgt Ion:105 Resp: 204865

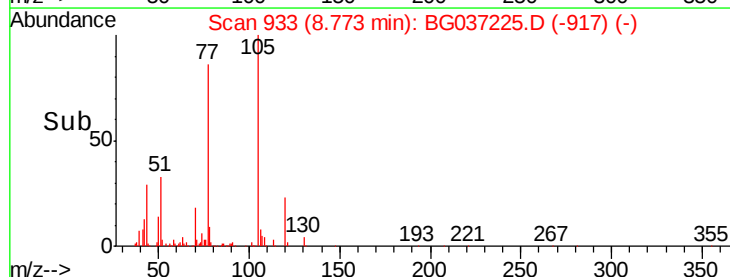
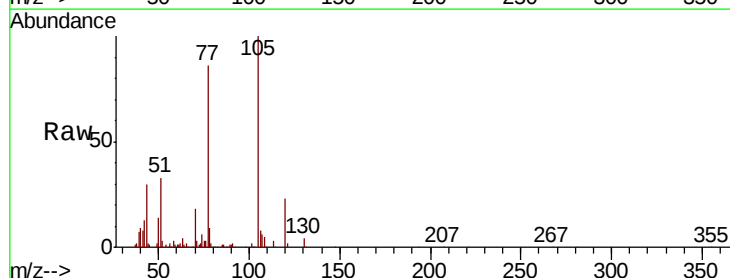
Ion Ratio Lower Upper

105 100

71 2.9 2.4 3.6

51 33.4 25.9 38.9

120 23.0 19.4 29.0

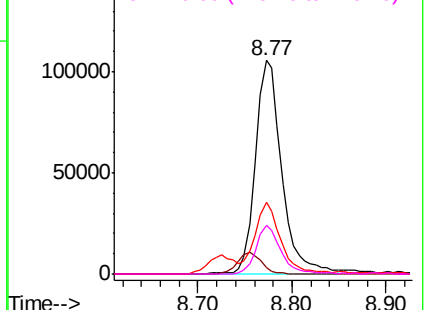


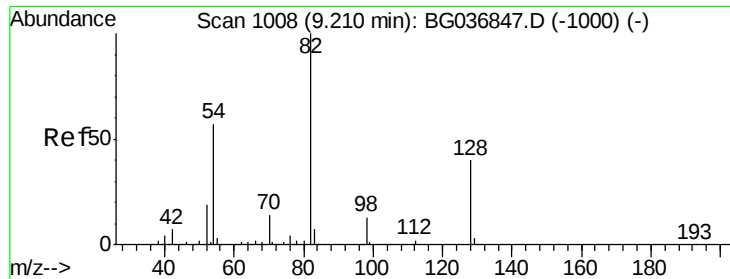
Abundance Ion 105.00 (104.70 to 105.70): E

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

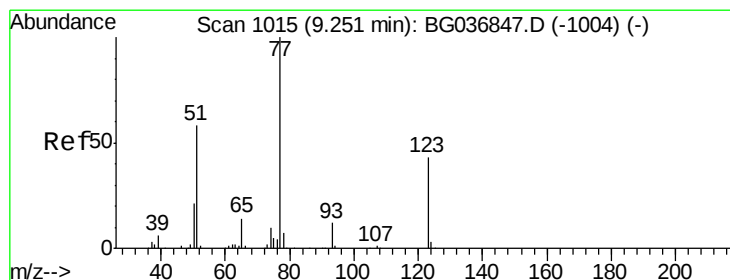
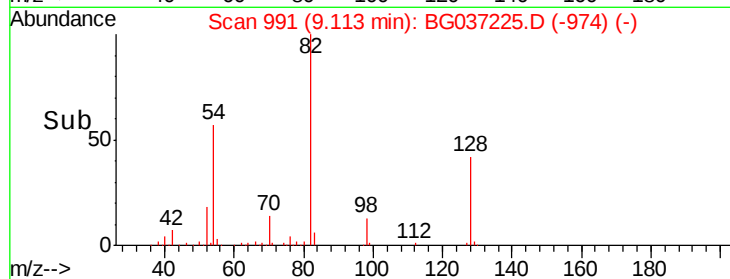
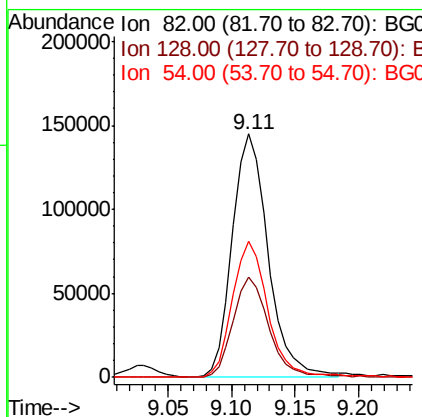
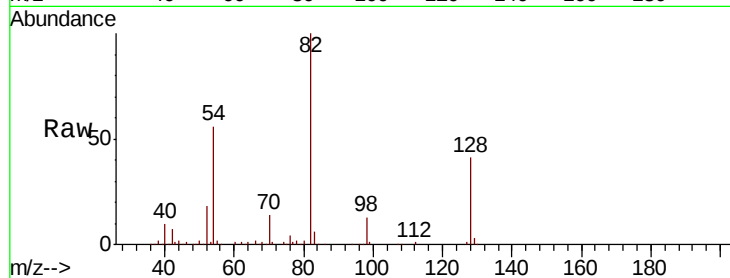




#23
 Nitrobenzene-d5
 Concen: 83.322 ng
 RT: 9.11 min Scan# 991
 Delta R.T. 0.00 min
 Lab File: BG037225.D
 Acq: 9 Oct 2018 20:07

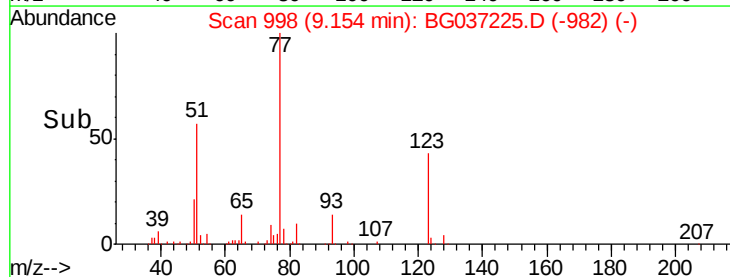
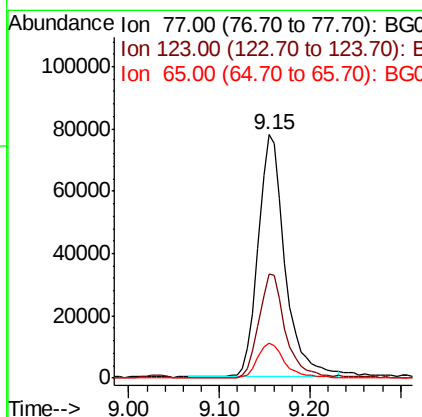
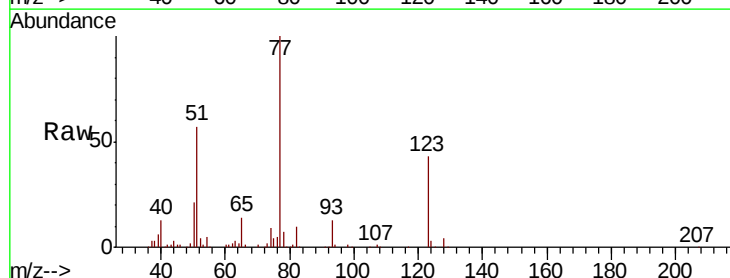
Instrument :
 BNA_G
 ClientSampleId :
 PHASE-3-SOILMSD

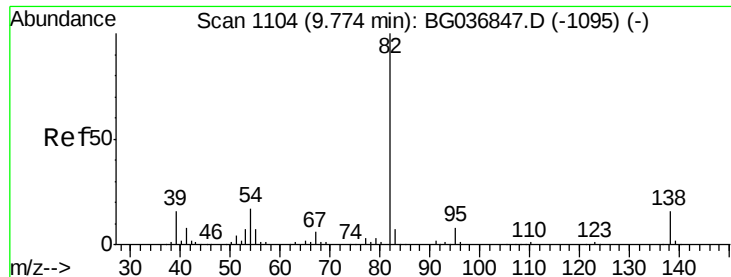
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.4	33.3	49.9
54	55.9	45.1	67.7



#24
 Nitrobenzene
 Concen: 43.923 ng
 RT: 9.15 min Scan# 998
 Delta R.T. -0.00 min
 Lab File: BG037225.D
 Acq: 9 Oct 2018 20:07

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.7	32.4	48.6
65	14.3	11.5	17.3

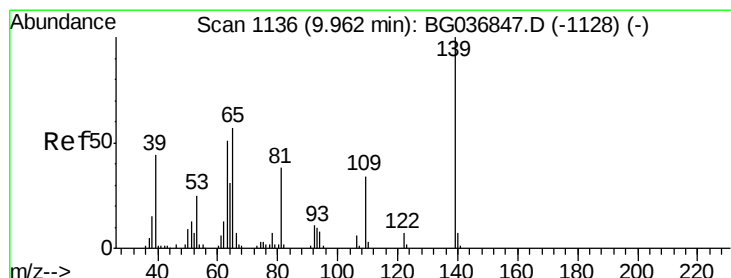
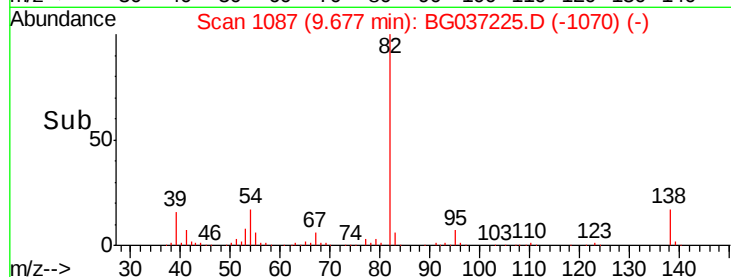
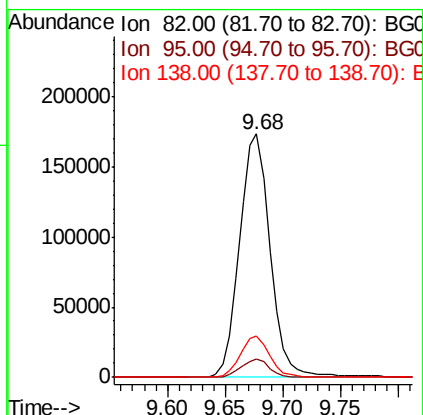
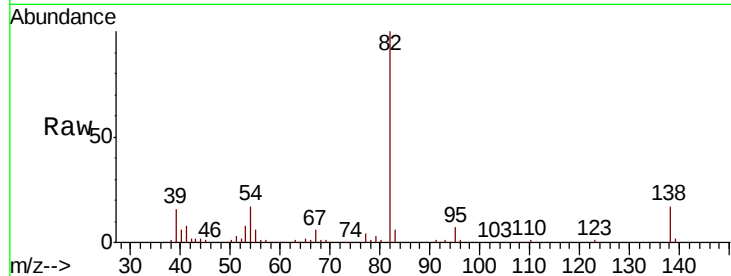




#25
Isophorone
Concen: 51.086 ng
RT: 9.68 min Scan# 1087
Delta R.T. 0.00 min
Lab File: BG037225.D
Acq: 9 Oct 2018 20:07

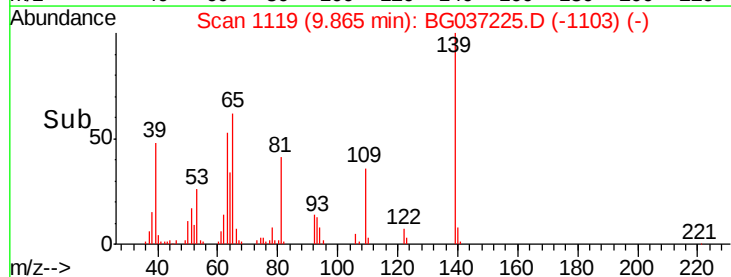
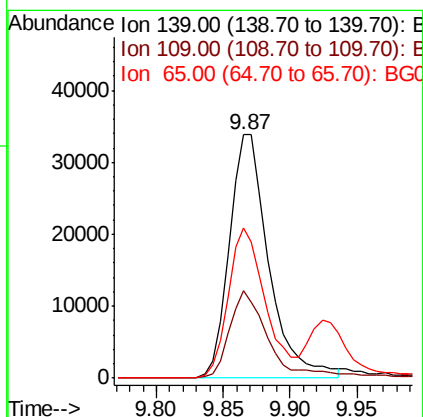
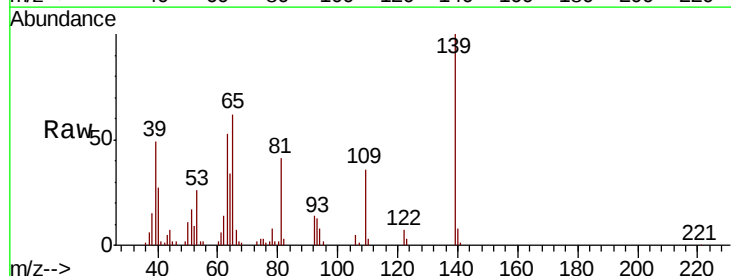
Instrument :
BNA_G
ClientSampleId :
PHASE-3-SOILMSD

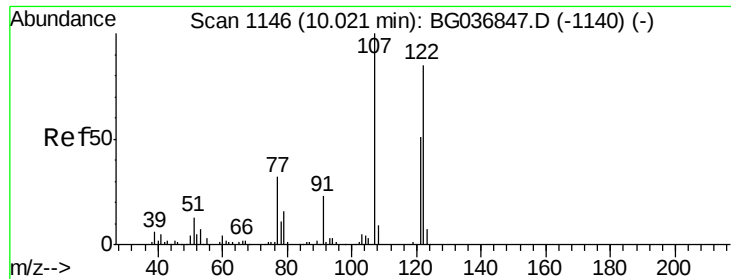
Tgt Ion: 82 Resp: 318745
Ion Ratio Lower Upper
82 100
95 7.5 5.8 8.8
138 17.0 12.9 19.3



#26
2-Nitrophenol
Concen: 47.733 ng
RT: 9.87 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BG037225.D
Acq: 9 Oct 2018 20:07

Tgt Ion: 139 Resp: 69380
Ion Ratio Lower Upper
139 100
109 35.9 27.4 41.0
65 61.6 47.8 71.6

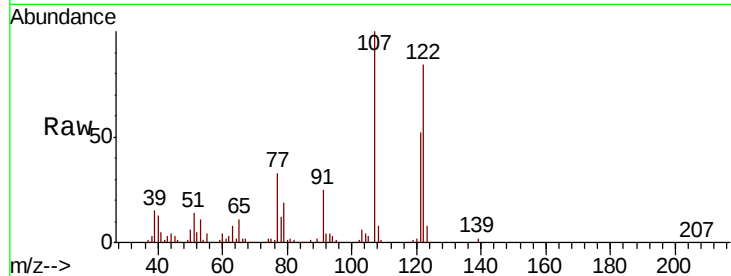




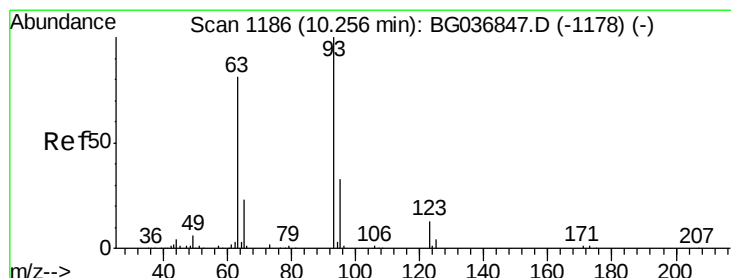
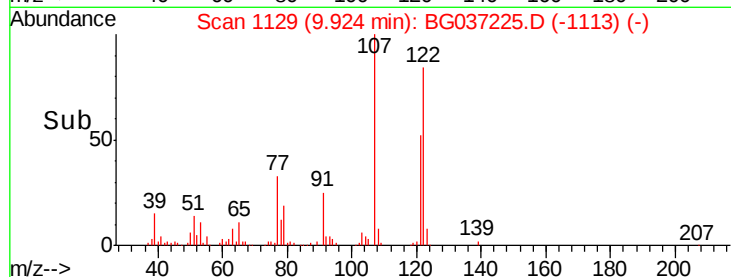
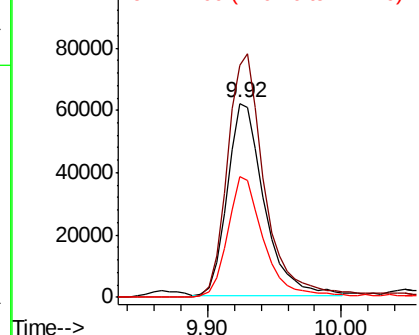
#27
 2,4-Dimethylphenol
 Concen: 52.990 ng
 RT: 9.92 min Scan# 1129
 Delta R.T. -0.00 min
 Lab File: BG037225.D
 Acq: 9 Oct 2018 20:07

Instrument :
 BNA_G
 ClientSampleId :
 PHASE-3-SOILMSD

Tgt Ion:122 Resp: 119977
 Ion Ratio Lower Upper
 122 100
 107 119.3 96.0 144.0
 121 62.2 48.2 72.4

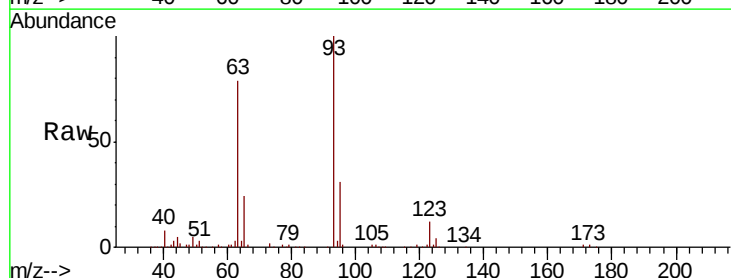


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

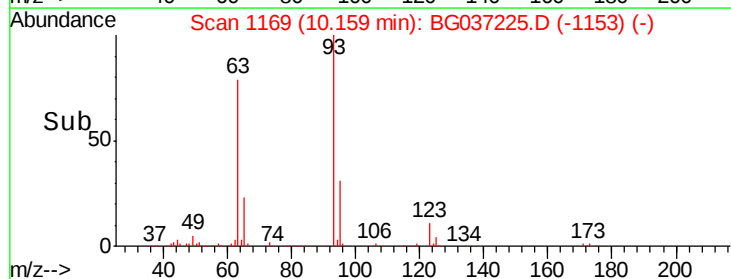
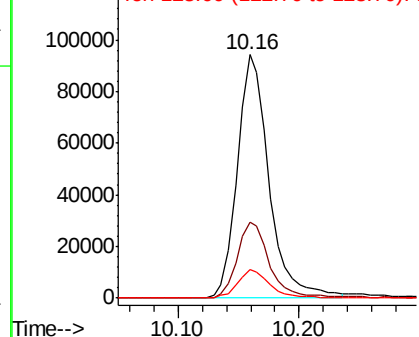


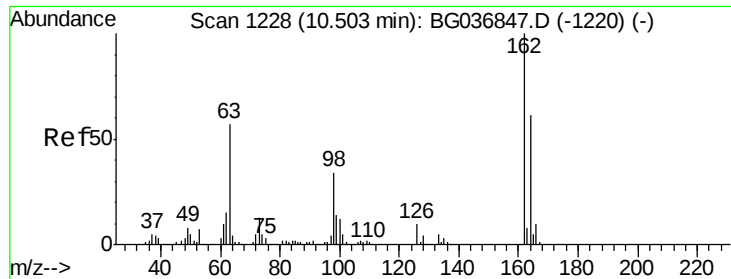
#28
 bis(2-Chloroethoxy)methane
 Concen: 44.800 ng
 RT: 10.16 min Scan# 1169
 Delta R.T. -0.00 min
 Lab File: BG037225.D
 Acq: 9 Oct 2018 20:07

Tgt Ion: 93 Resp: 172483
 Ion Ratio Lower Upper
 93 100
 95 31.4 25.2 37.8
 123 11.6 8.6 12.8



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

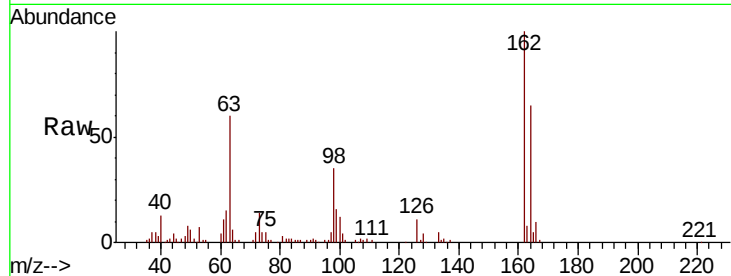




#29
2,4-Dichlorophenol
Concen: 47.518 ng
RT: 10.41 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BG037225.D
Acq: 9 Oct 2018 20:07

Instrument :
BNA_G
ClientSampleId :
PHASE-3-SOILMSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.9	47.6	87.6
98	35.0	19.2	59.2

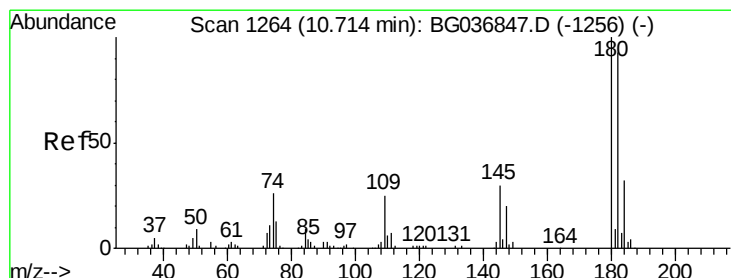
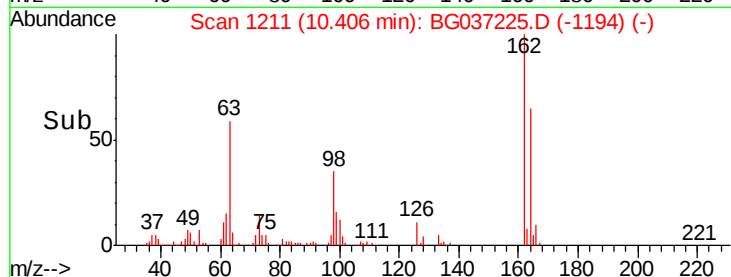
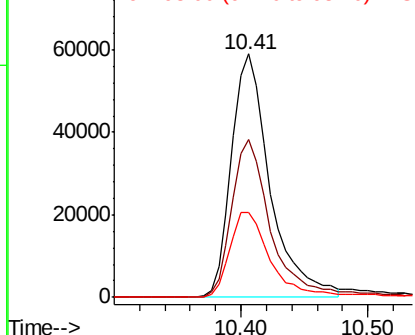


Abundance

Ion 162.00 (161.70 to 162.70): E

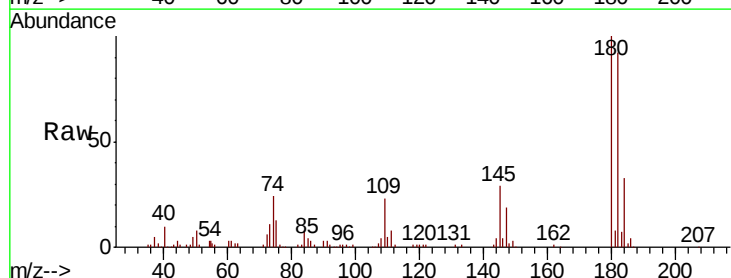
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
1,2,4-Trichlorobenzene
Concen: 42.711 ng
RT: 10.62 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BG037225.D
Acq: 9 Oct 2018 20:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.5	76.0	114.0
145	29.3	22.9	34.3

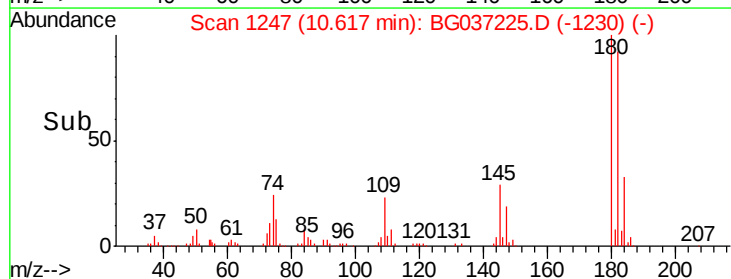
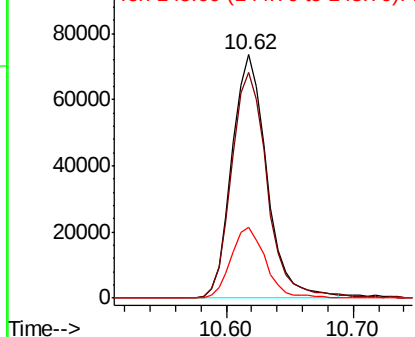


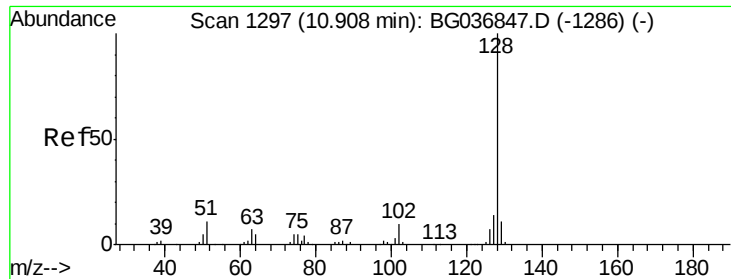
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

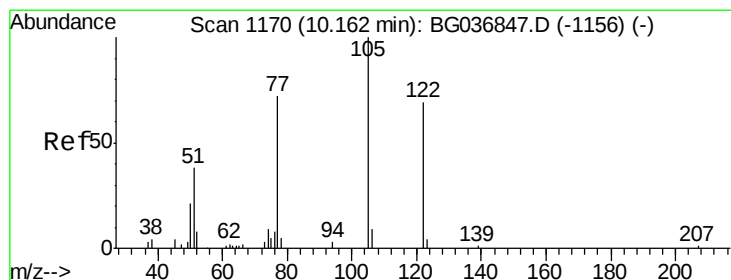
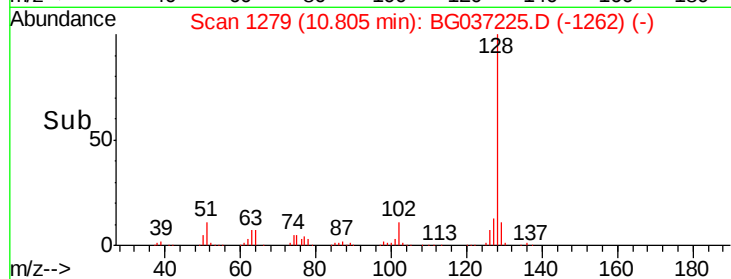
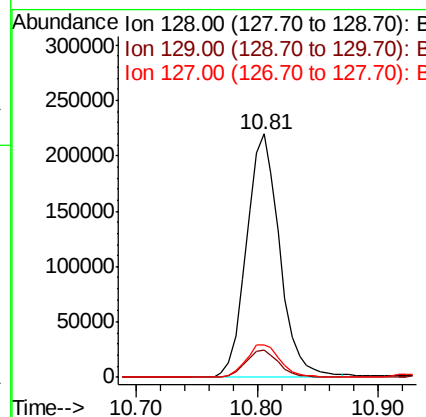
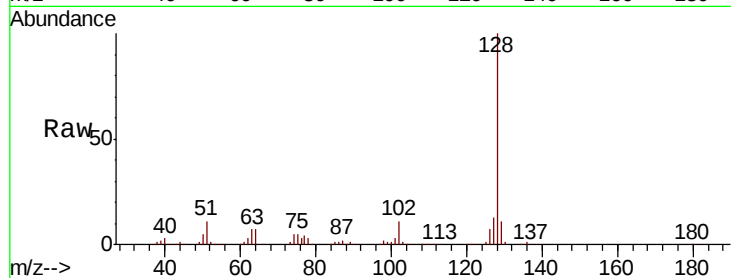




#31
Naphthalene
Concen: 48.302 ng
RT: 10.81 min Scan# 1279
Delta R.T. 0.00 min
Lab File: BG037225.D
Acq: 9 Oct 2018 20:07

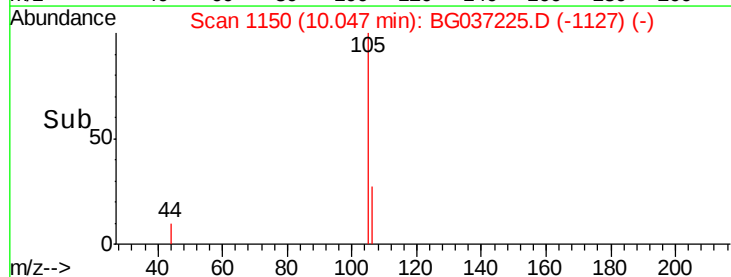
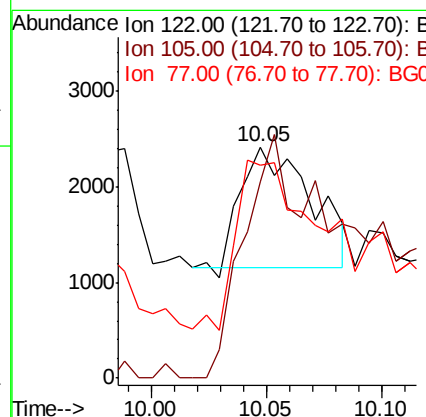
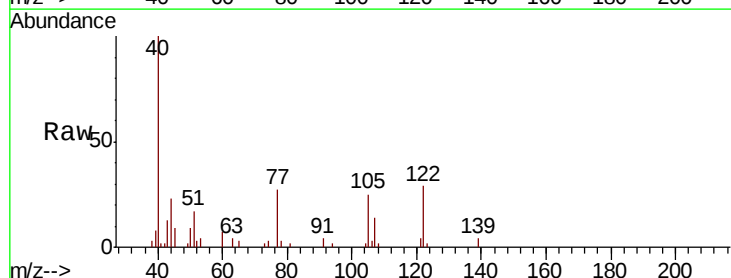
Instrument :
BNA_G
ClientSampleId :
PHASE-3-SOILMSD

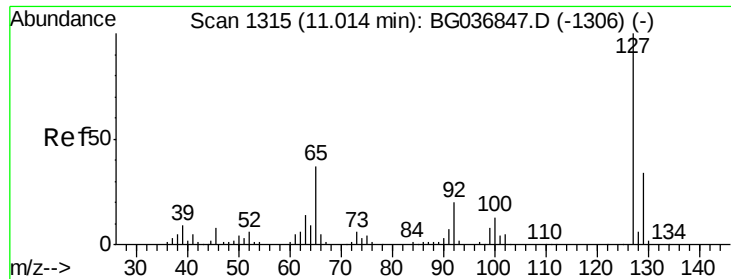
Tgt Ion:128 Resp: 420257
Ion Ratio Lower Upper
128 100
129 11.3 9.4 14.2
127 13.5 11.0 16.4



#32
Benzoic acid
Concen: 7.165 ng
RT: 10.05 min Scan# 1150
Delta R.T. 0.04 min
Lab File: BG037225.D
Acq: 9 Oct 2018 20:07

Tgt Ion:122 Resp: 2657
Ion Ratio Lower Upper
122 100
105 85.1 108.1 148.1#
77 92.4 76.3 116.3

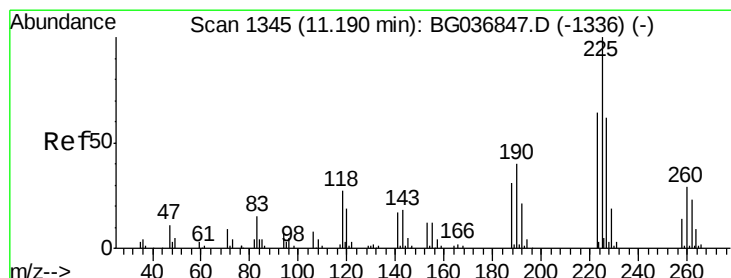
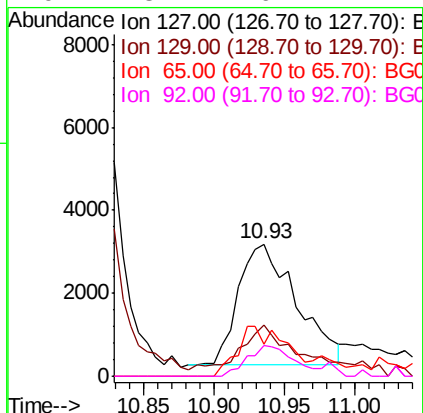
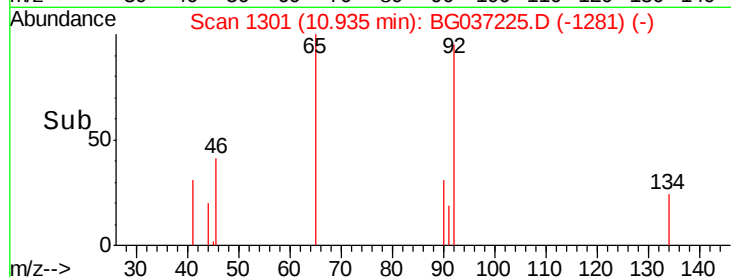
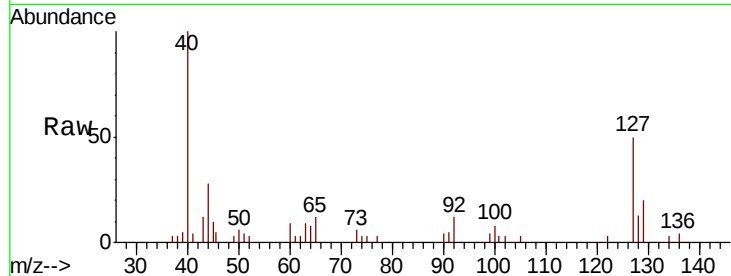




#33
4-Chloroaniline
Concen: 2.099 ng
RT: 10.93 min Scan# 1301
Delta R.T. 0.02 min
Lab File: BG037225.D
Acq: 9 Oct 2018 20:07

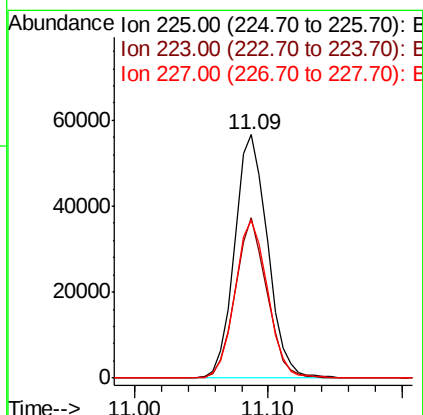
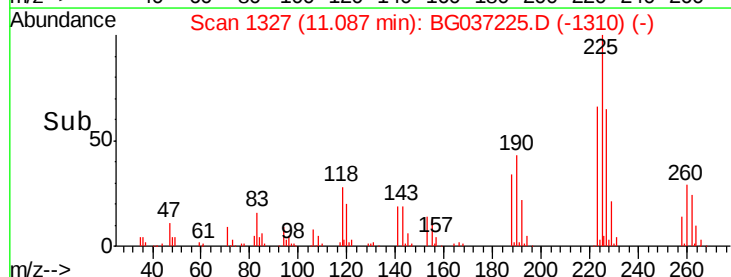
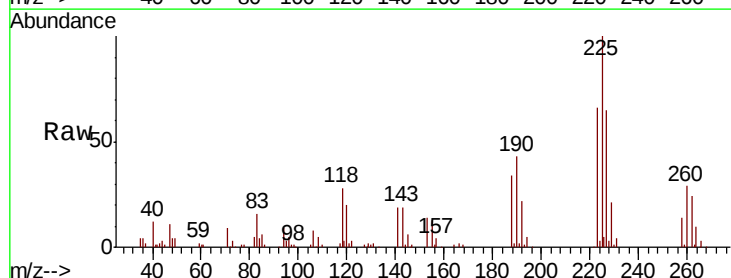
Instrument :
BNA_G
ClientSampleId :
PHASE-3-SOILMSD

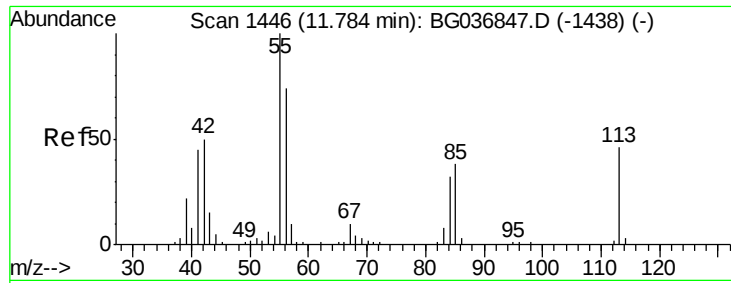
Tgt Ion:127 Resp: 8303
Ion Ratio Lower Upper
127 100
129 39.2 25.9 38.9#
65 24.7 27.5 41.3#
92 23.4 16.2 24.2



#34
Hexachlorobutadiene
Concen: 42.663 ng
RT: 11.09 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BG037225.D
Acq: 9 Oct 2018 20:07

Tgt Ion:225 Resp: 96908
Ion Ratio Lower Upper
225 100
223 65.8 51.8 77.8
227 64.8 49.8 74.6

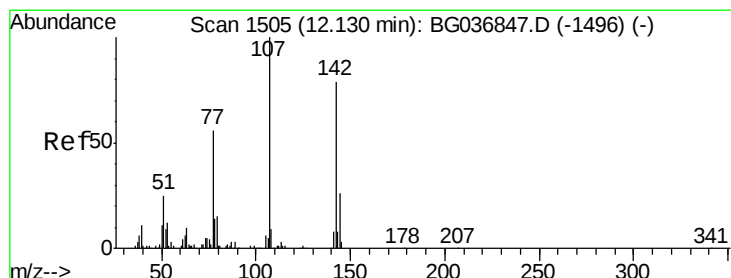
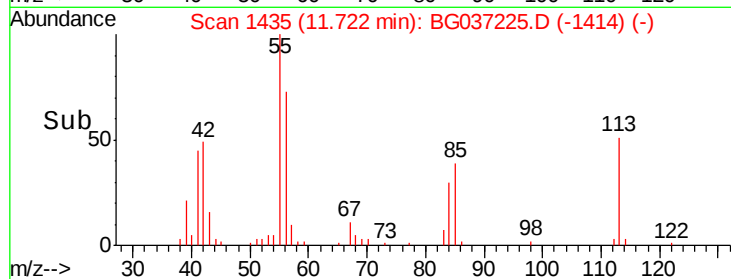
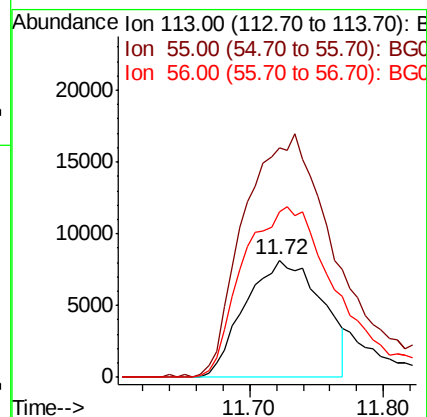
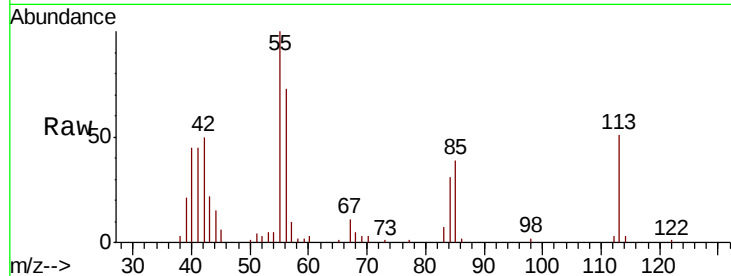




#35
 Caprolactam
 Concen: 30.172 ng
 RT: 11.72 min Scan# 1435
 Delta R.T. 0.03 min
 Lab File: BG037225.D
 Acq: 9 Oct 2018 20:07

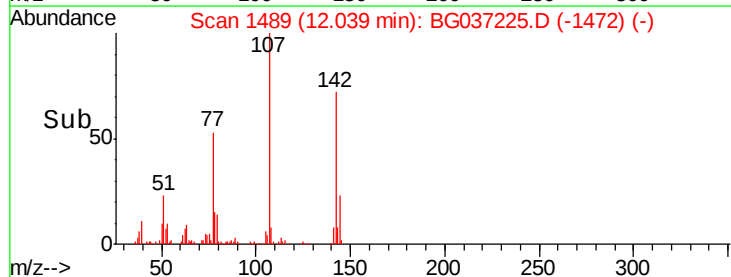
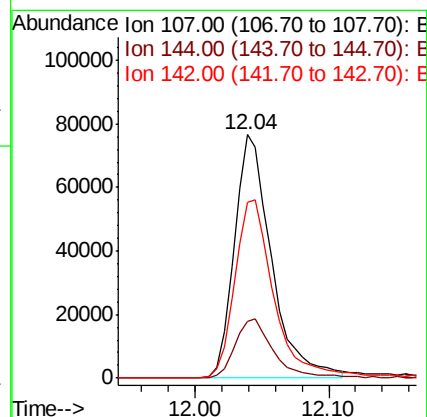
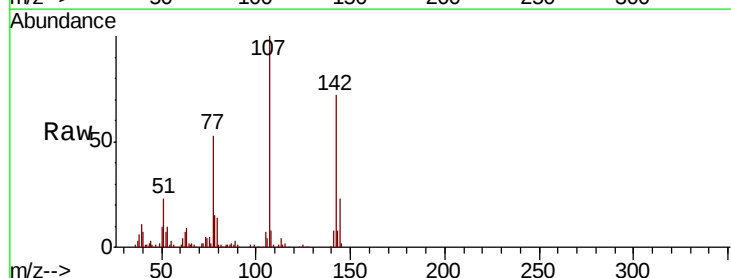
Instrument :
 BNA_G
 ClientSampleId :
 PHASE-3-SOILMSD

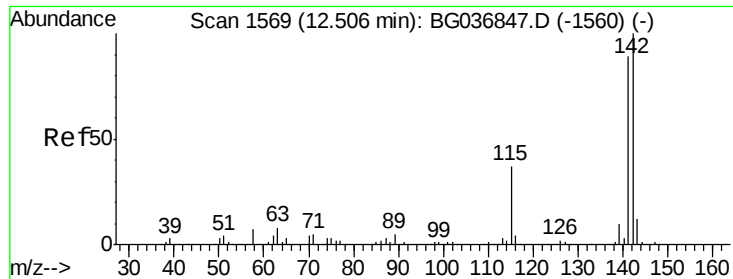
Tgt Ion:113 Resp: 32594
 Ion Ratio Lower Upper
 113 100
 55 195.5 197.7 237.7#
 56 141.9 131.7 171.7



#36
 4-Chloro-3-methylphenol
 Concen: 47.357 ng
 RT: 12.04 min Scan# 1489
 Delta R.T. 0.00 min
 Lab File: BG037225.D
 Acq: 9 Oct 2018 20:07

Tgt Ion:107 Resp: 148310
 Ion Ratio Lower Upper
 107 100
 144 23.4 19.5 29.3
 142 72.1 62.4 93.6

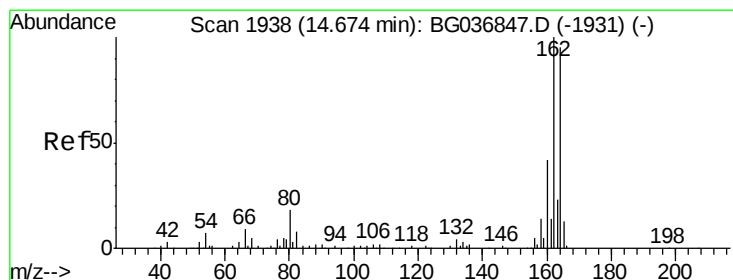
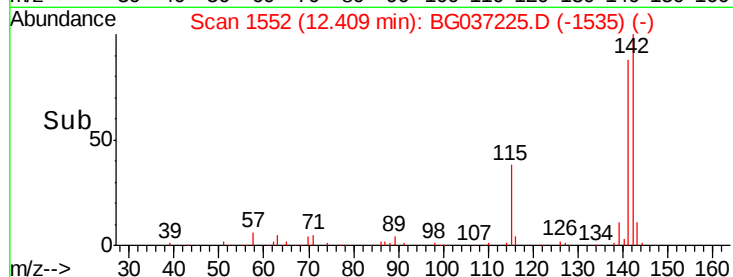
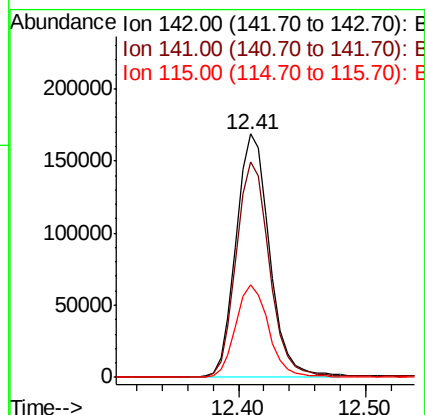
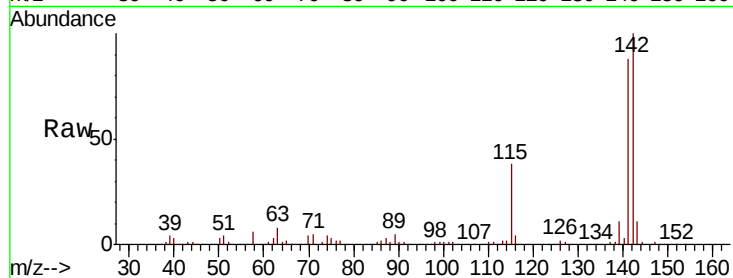




#37
 2-Methylnaphthalene
 Concen: 46.700 ng
 RT: 12.41 min Scan# 1552
 Delta R.T. 0.00 min
 Lab File: BG037225.D
 Acq: 9 Oct 2018 20:07

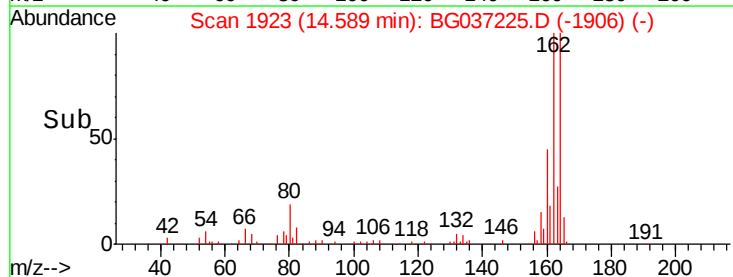
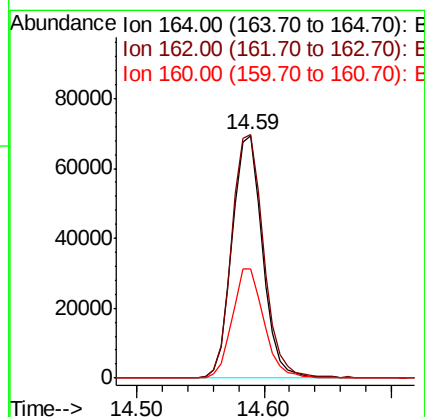
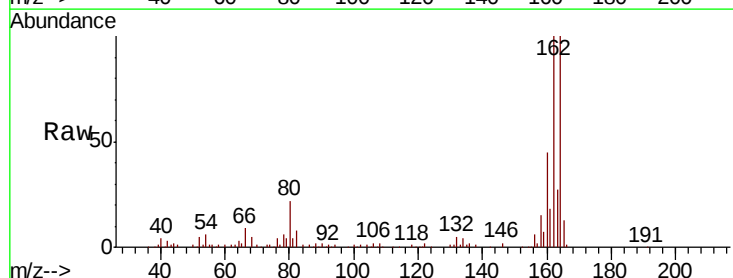
Instrument :
 BNA_G
 ClientSampleId :
 PHASE-3-SOILMSD

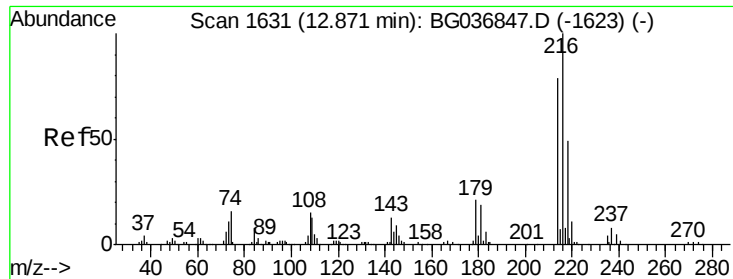
Tgt Ion:142 Resp: 309459
 Ion Ratio Lower Upper
 142 100
 141 88.3 68.5 102.7
 115 37.9 29.8 44.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.59 min Scan# 1923
 Delta R.T. 0.00 min
 Lab File: BG037225.D
 Acq: 9 Oct 2018 20:07

Tgt Ion:164 Resp: 115080
 Ion Ratio Lower Upper
 164 100
 162 100.3 80.7 121.1
 160 45.2 35.3 52.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.187 ng

RT: 12.78 min Scan# 1615

Delta R.T. 0.00 min

Lab File: BG037225.D

Acq: 9 Oct 2018 20:07

Instrument :

BNA_G

ClientSampleId :

PHASE-3-SOILMSD

Tgt Ion:216 Resp: 173344

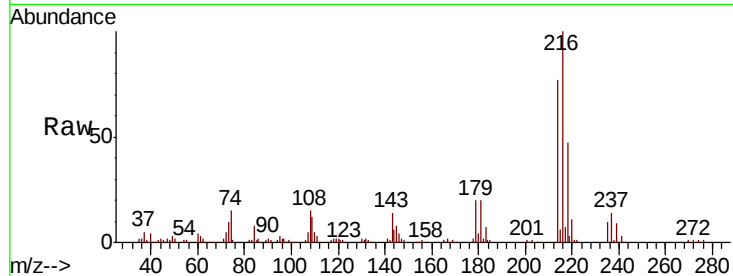
Ion Ratio Lower Upper

216 100

214 77.9 61.0 91.6

179 19.8 15.7 23.5

108 18.6 13.1 19.7

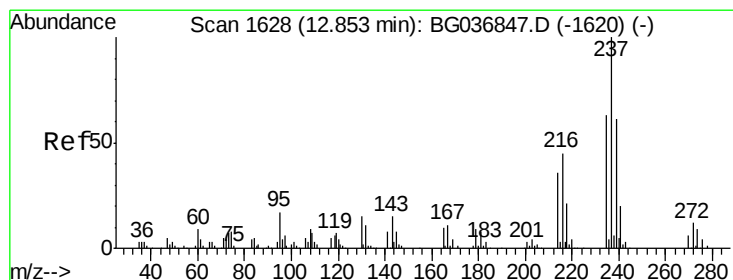
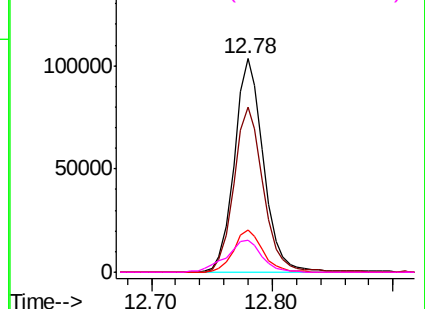
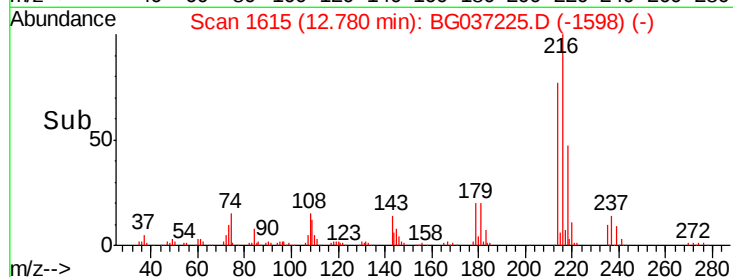


Abundance Ion 216.00 (215.70 to 216.70): E

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: 99.350 ng

RT: 12.76 min Scan# 1611

Delta R.T. -0.00 min

Lab File: BG037225.D

Acq: 9 Oct 2018 20:07

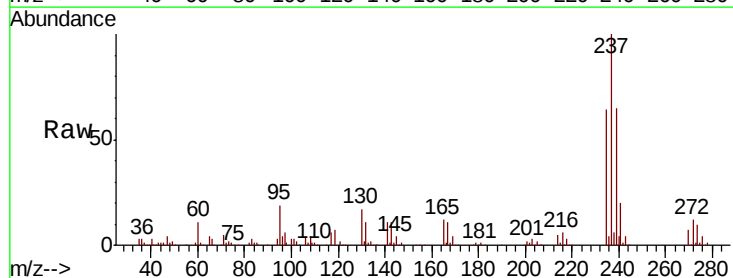
Tgt Ion:237 Resp: 205088

Ion Ratio Lower Upper

237 100

235 64.4 42.2 82.2

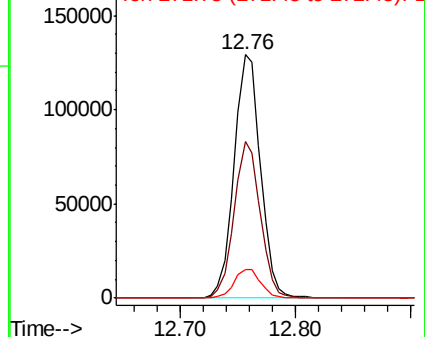
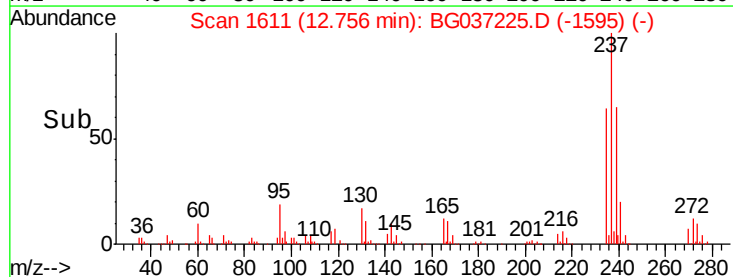
272 11.6 0.0 32.1

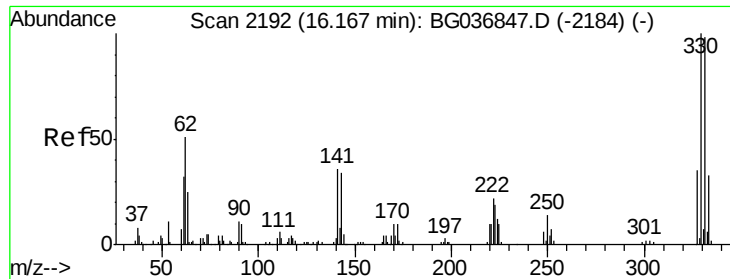


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

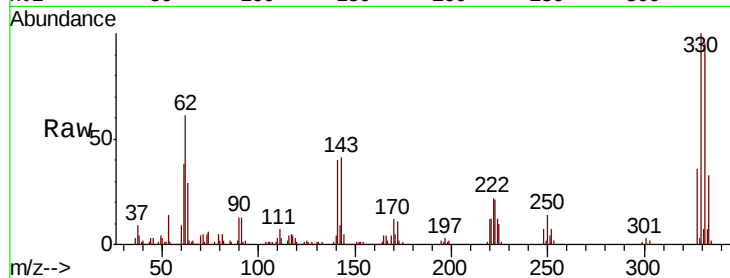




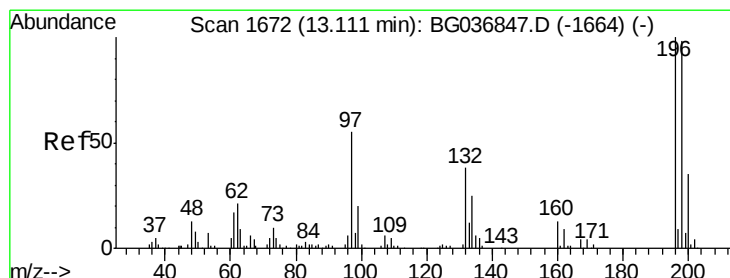
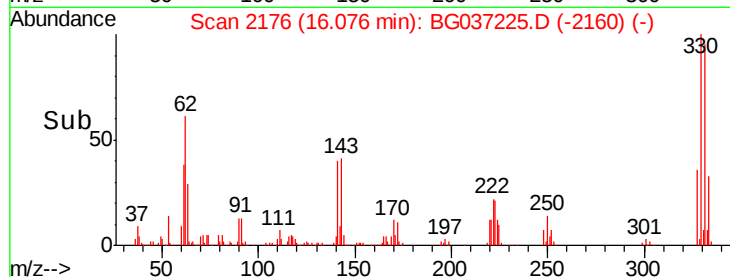
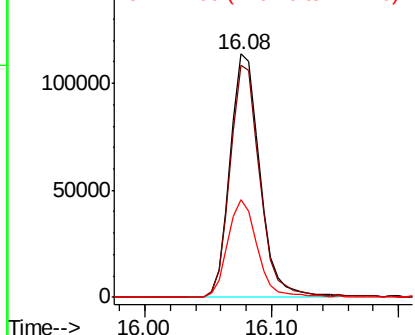
#41
 2,4,6-Tribromophenol
 Concen: 134.467 ng
 RT: 16.08 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: BG037225.D
 Acq: 9 Oct 2018 20:07

Instrument :
 BNA_G
 ClientSampleId :
 PHASE-3-SOILMSD

Tgt Ion:330 Resp: 185142
 Ion Ratio Lower Upper
 330 100
 332 95.2 75.4 113.2
 141 39.9 30.7 46.1

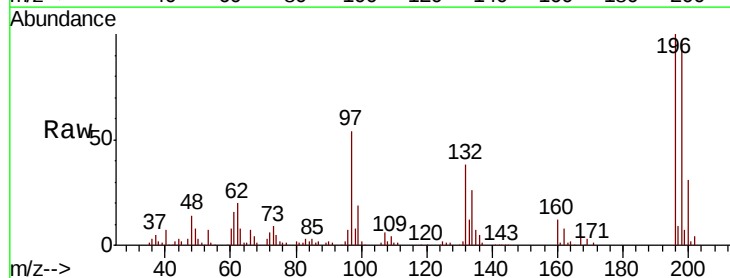


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

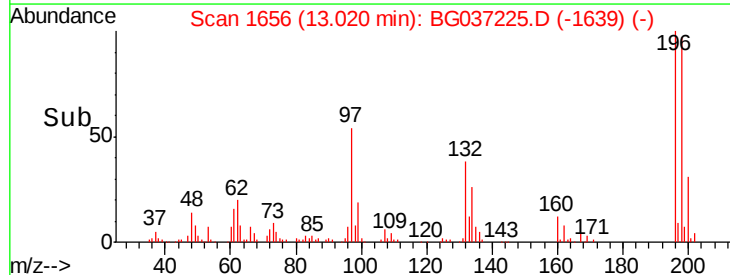
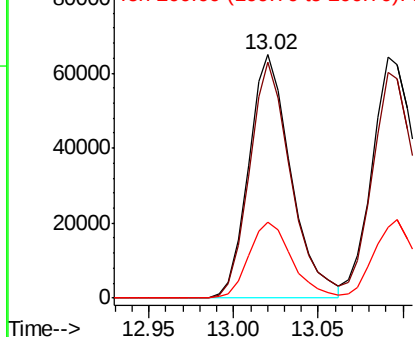


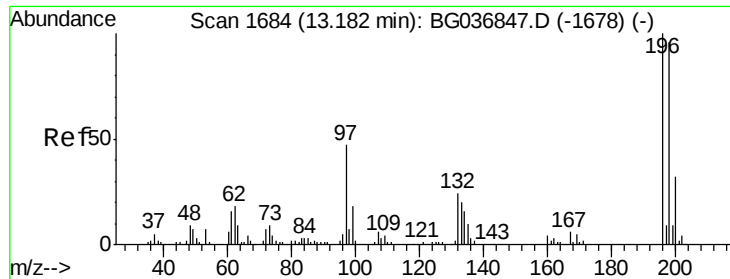
#42
 2,4,6-Trichlorophenol
 Concen: 50.624 ng
 RT: 13.02 min Scan# 1656
 Delta R.T. 0.00 min
 Lab File: BG037225.D
 Acq: 9 Oct 2018 20:07

Tgt Ion:196 Resp: 112835
 Ion Ratio Lower Upper
 196 100
 198 97.0 77.2 115.8
 200 31.2 26.3 39.5



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

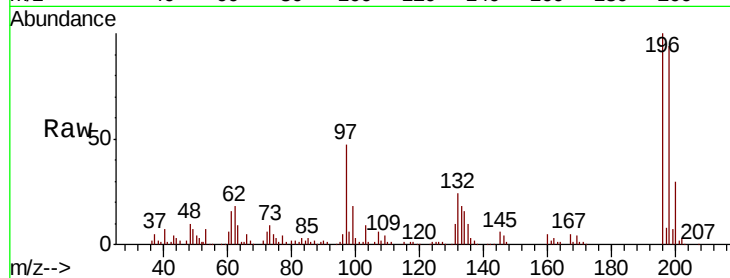




#43
 2,4,5-Trichlorophenol
 Concen: 49.319 ng
 RT: 13.09 min Scan# 1668
 Delta R.T. -0.00 min
 Lab File: BG037225.D
 Acq: 9 Oct 2018 20:07

Instrument :
 BNA_G
 ClientSampleId :
 PHASE-3-SOILMSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.6	75.6	113.4
97	46.9	37.2	55.8
132	23.9	19.4	29.2



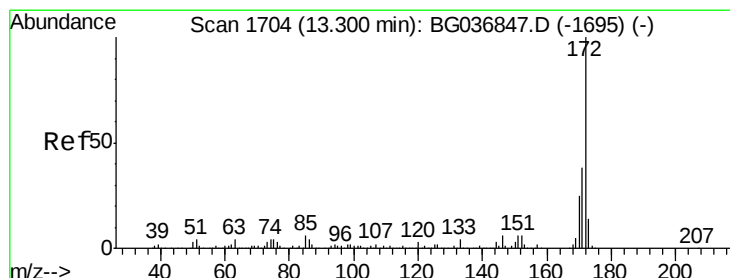
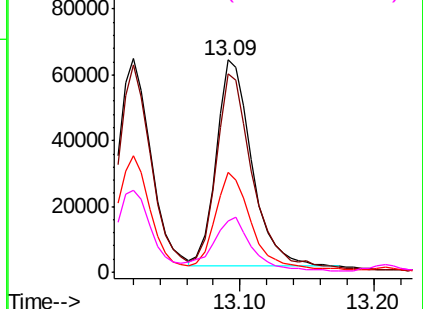
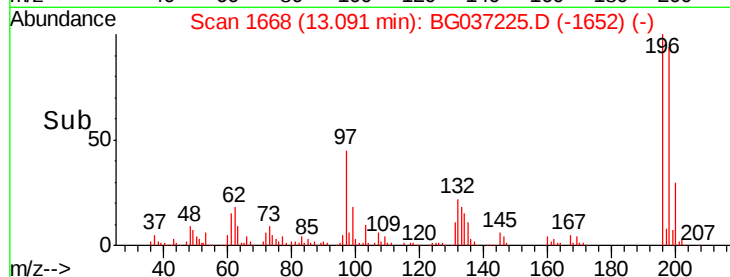
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

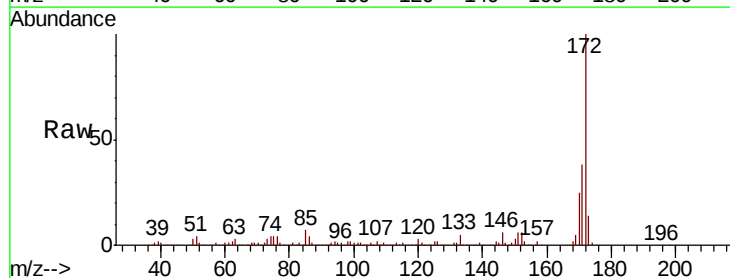
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 79.258 ng
 RT: 13.21 min Scan# 1688
 Delta R.T. 0.00 min
 Lab File: BG037225.D
 Acq: 9 Oct 2018 20:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	31.3	46.9
170	25.1	21.0	31.6

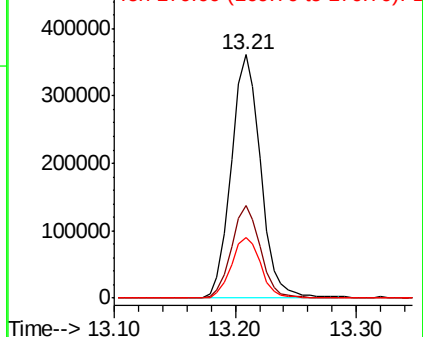
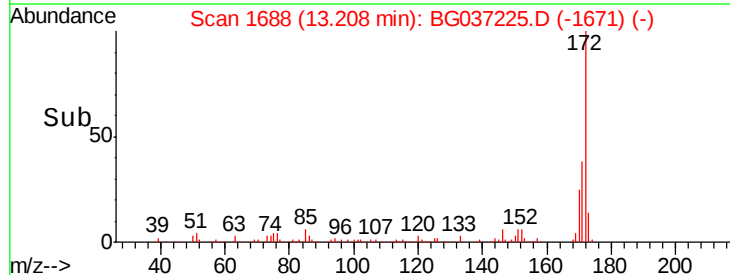


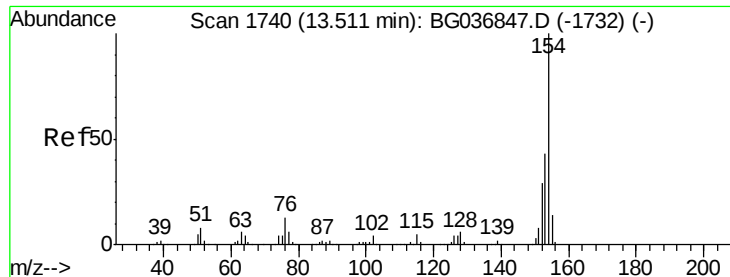
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

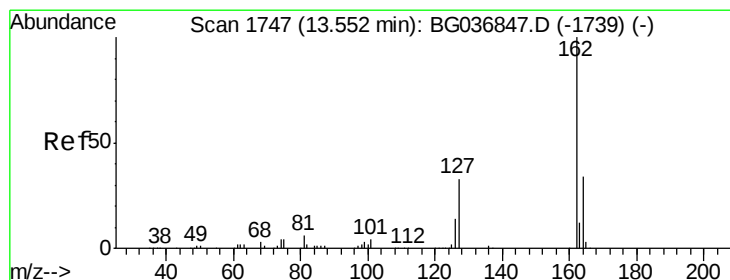
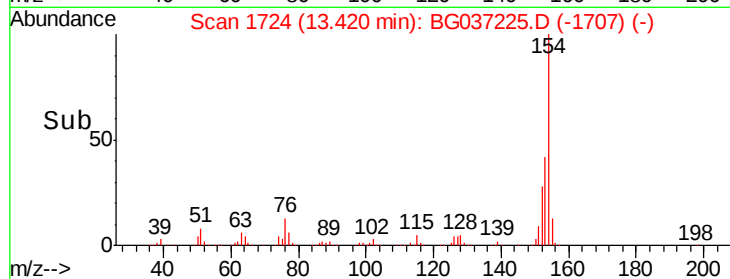
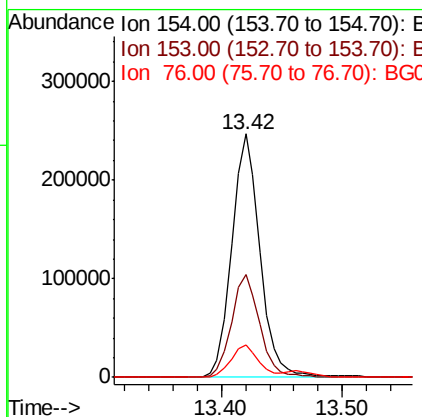
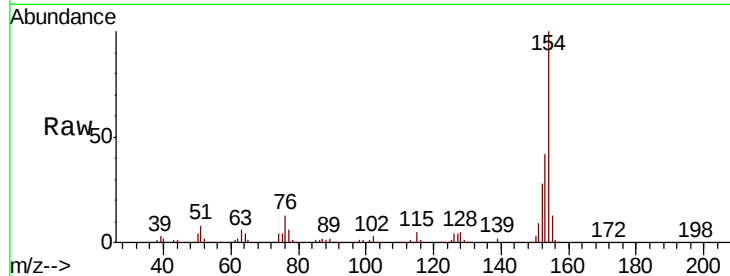




#45
 1,1'-Biphenyl
 Concen: 45.429 ng
 RT: 13.42 min Scan# 1724
 Delta R.T. 0.00 min
 Lab File: BG037225.D
 Acq: 9 Oct 2018 20:07

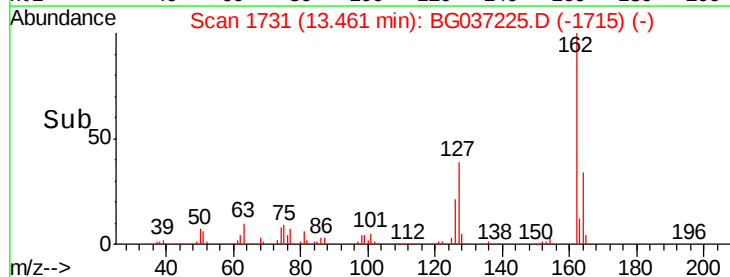
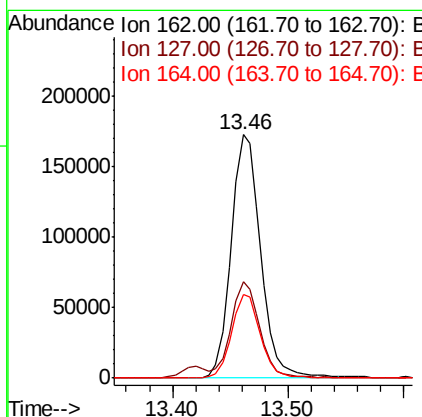
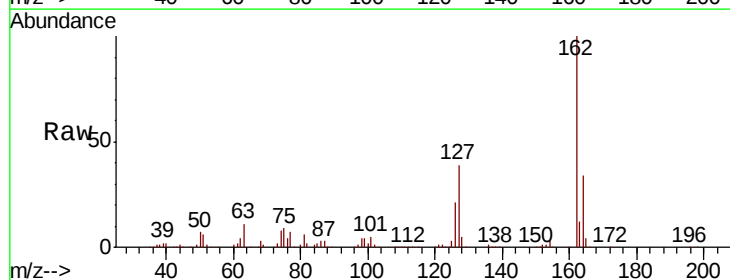
Instrument :
 BNA_G
 ClientSampleId :
 PHASE-3-SOILMSD

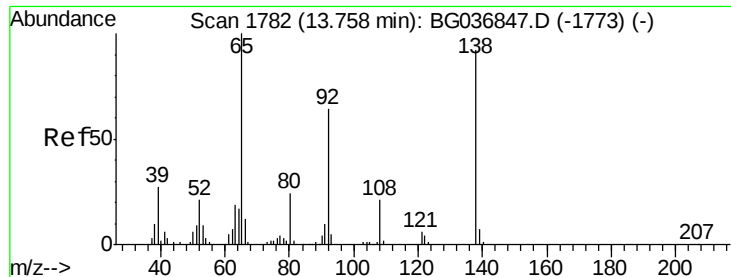
Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.5	24.0	64.0
76	13.3	0.0	32.9



#46
 2-Chloronaphthalene
 Concen: 44.052 ng
 RT: 13.46 min Scan# 1731
 Delta R.T. -0.00 min
 Lab File: BG037225.D
 Acq: 9 Oct 2018 20:07

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.3	30.7	46.1
164	34.1	26.7	40.1





#47

2-Nitroaniline

Concen: 47.927 ng

RT: 13.67 min Scan# 1766

Delta R.T. -0.00 min

Lab File: BG037225.D

Acq: 9 Oct 2018 20:07

Instrument :

BNA_G

ClientSampleId :

PHASE-3-SOILMSD

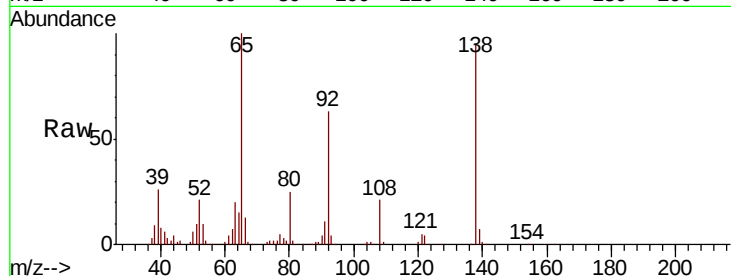
Tgt Ion: 65 Resp: 114898

Ion Ratio Lower Upper

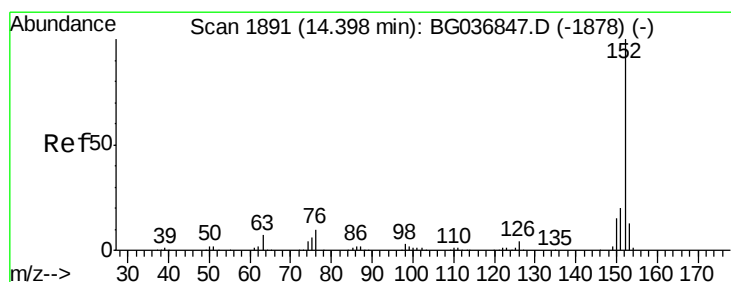
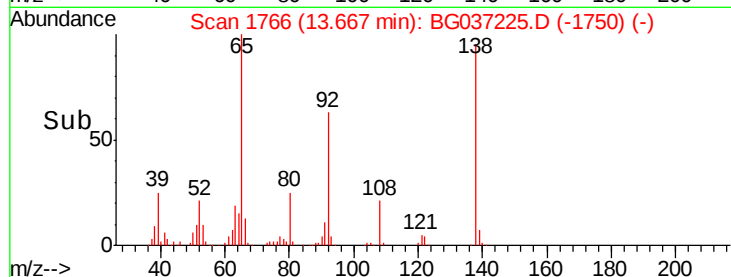
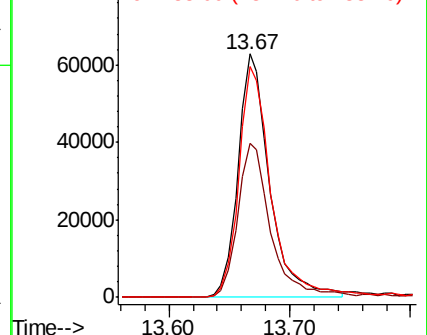
65 100

92 63.3 49.9 74.9

138 94.6 76.2 114.4



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



#48

Acenaphthylene

Concen: 48.674 ng

RT: 14.31 min Scan# 1875

Delta R.T. -0.00 min

Lab File: BG037225.D

Acq: 9 Oct 2018 20:07

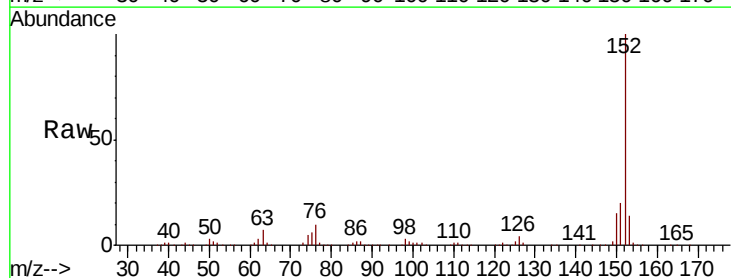
Tgt Ion: 152 Resp: 528654

Ion Ratio Lower Upper

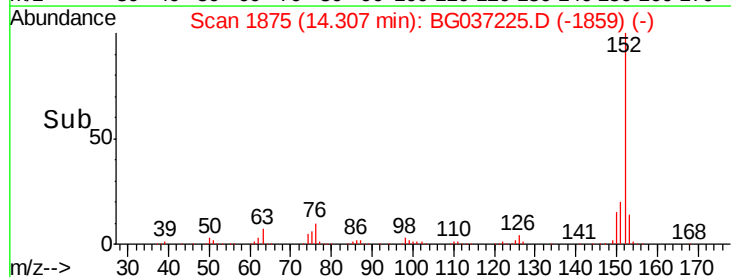
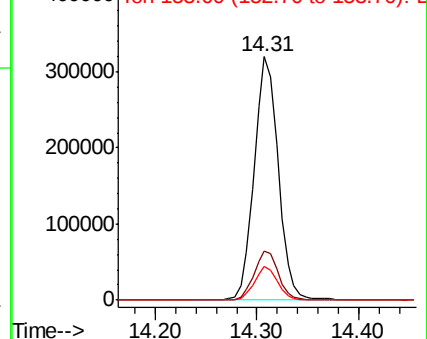
152 100

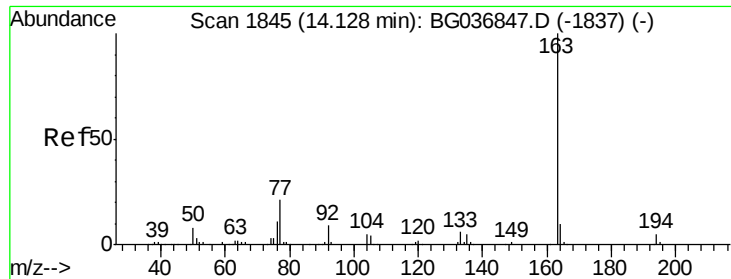
151 20.3 16.9 25.3

153 13.9 11.2 16.8



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





#49

Dimethylphthalate

Concen: 46.770 ng

RT: 14.04 min Scan# 1830

Delta R.T. 0.00 min

Lab File: BG037225.D

Acq: 9 Oct 2018 20:07

Instrument :

BNA_G

ClientSampleId :

PHASE-3-SOILMSD

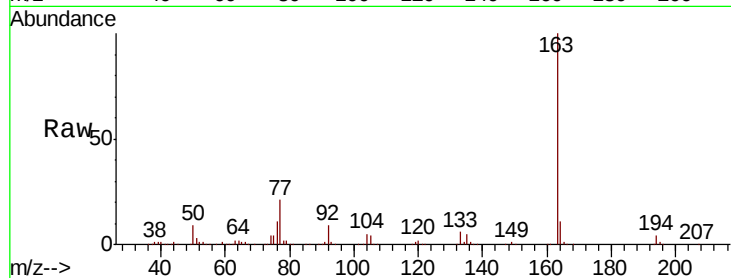
Tgt Ion:163 Resp: 433237

Ion Ratio Lower Upper

163 100

194 4.5 4.0 6.0

164 10.8 8.1 12.1

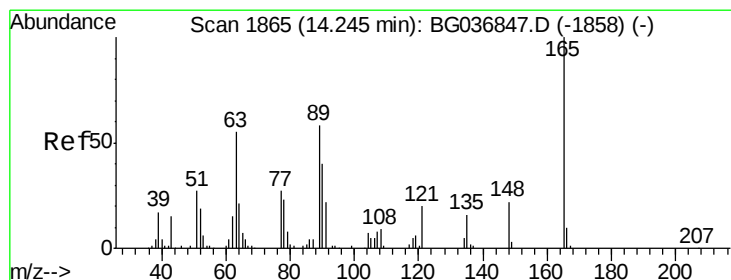
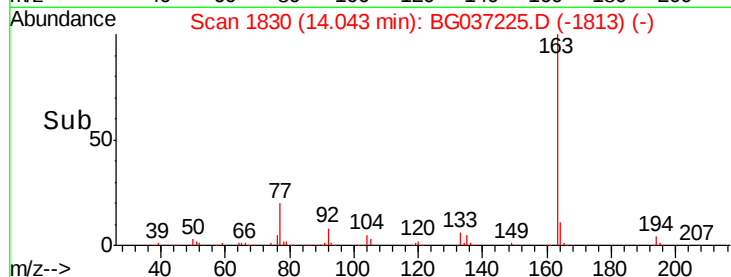
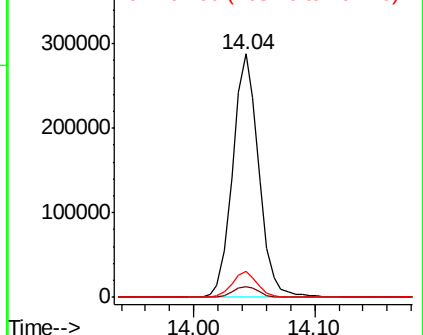


Abundance

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: 48.674 ng

RT: 14.16 min Scan# 1850

Delta R.T. -0.00 min

Lab File: BG037225.D

Acq: 9 Oct 2018 20:07

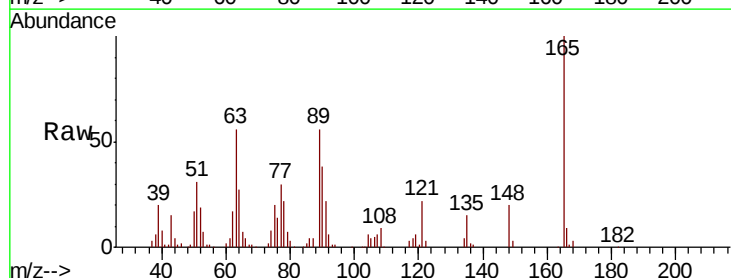
Tgt Ion:165 Resp: 98374

Ion Ratio Lower Upper

165 100

63 56.0 50.1 75.1

89 56.0 47.8 71.6

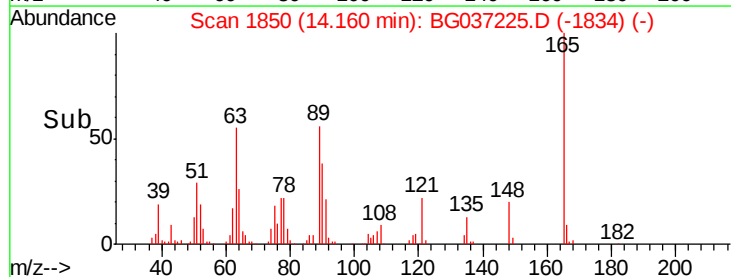
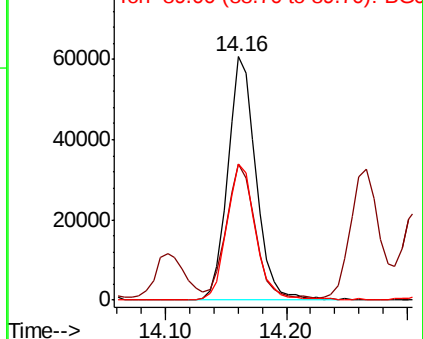


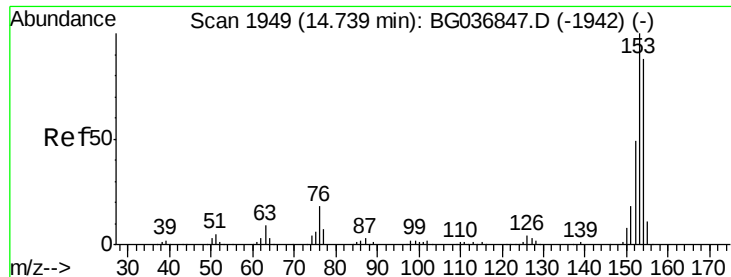
Abundance

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: 46.202 ng

RT: 14.65 min Scan# 1934

Delta R.T. 0.00 min

Lab File: BG037225.D

Acq: 9 Oct 2018 20:07

Instrument :

BNA_G

ClientSampleId :

PHASE-3-SOILMSD

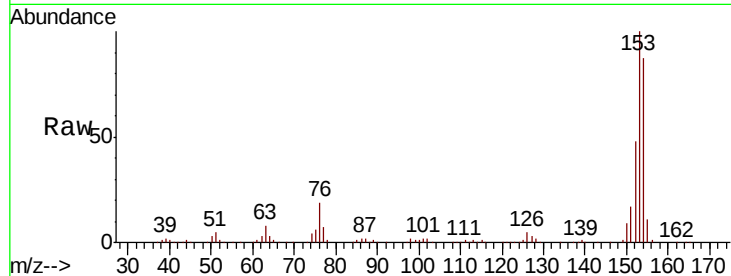
Tgt Ion:154 Resp: 303279

Ion Ratio Lower Upper

154 100

153 115.0 91.8 137.6

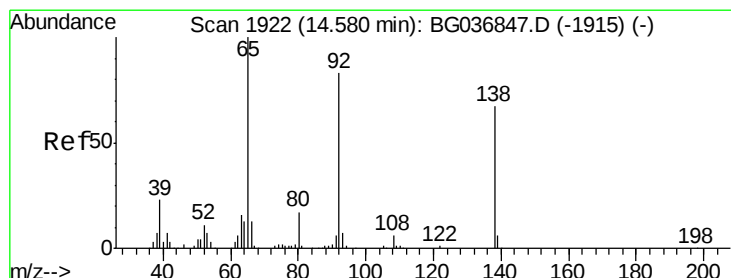
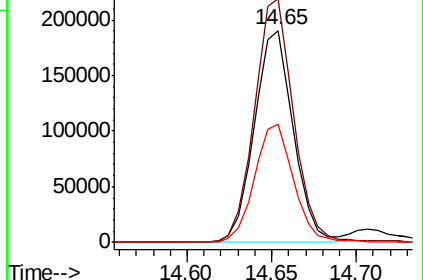
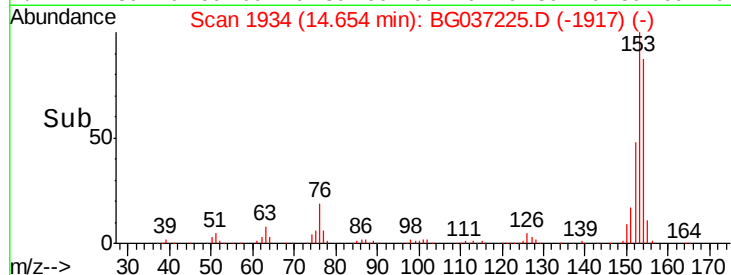
152 55.6 43.5 65.3



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: 9.990 ng

RT: 14.50 min Scan# 1908

Delta R.T. 0.00 min

Lab File: BG037225.D

Acq: 9 Oct 2018 20:07

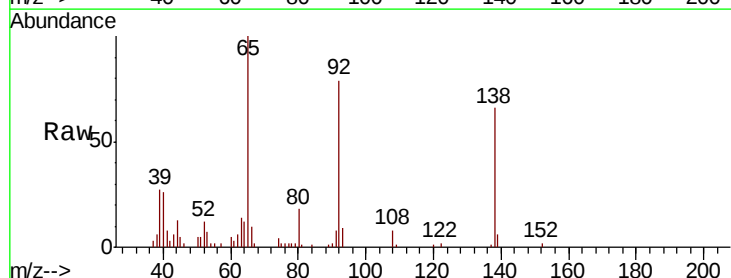
Tgt Ion:138 Resp: 21275

Ion Ratio Lower Upper

138 100

108 11.8 9.4 14.2

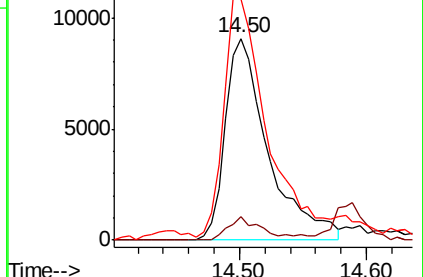
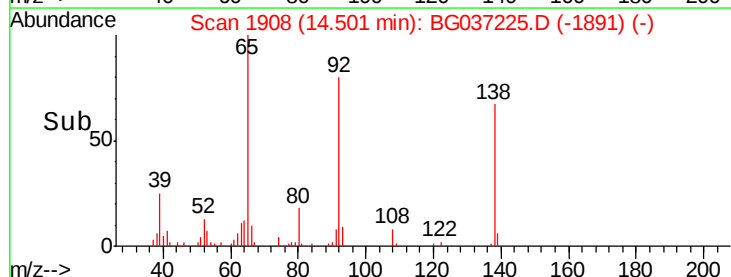
92 119.6 96.8 145.2

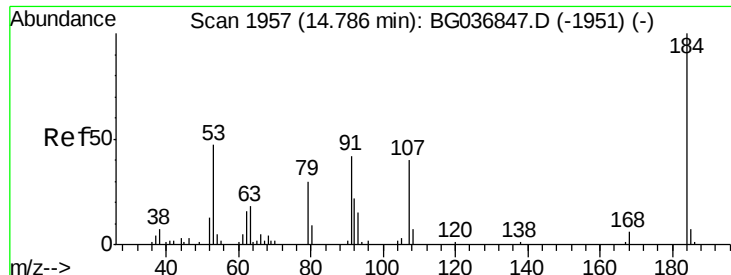


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

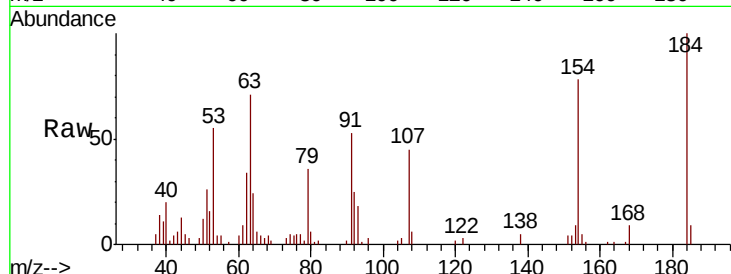




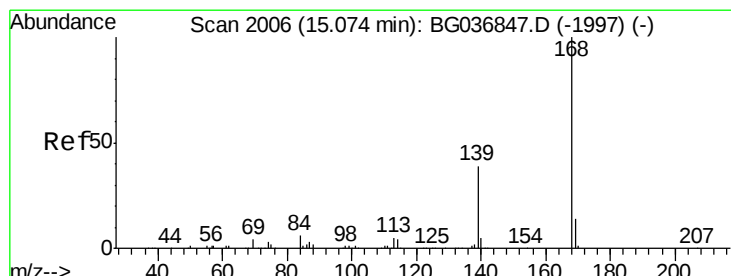
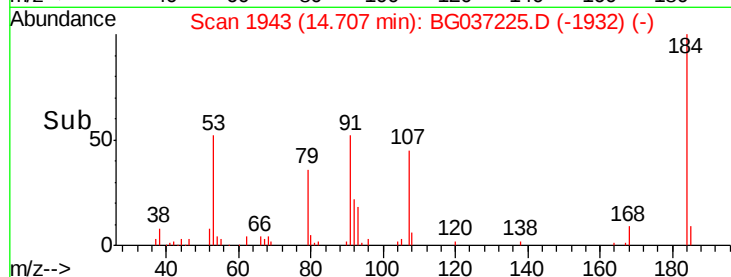
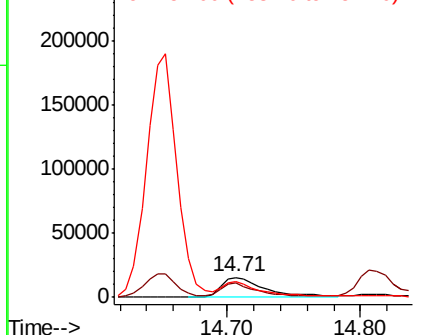
#53
 2,4-Dinitrophenol
 Concen: 42.719 ng
 RT: 14.71 min Scan# 1943
 Delta R.T. -0.03 min
 Lab File: BG037225.D
 Acq: 9 Oct 2018 20:07

Instrument :
 BNA_G
 ClientSampleId :
 PHASE-3-SOILMSD

Tgt Ion:184 Resp: 36729
 Ion Ratio Lower Upper
 184 100
 63 70.6 47.3 70.9
 154 77.8 51.1 76.7#

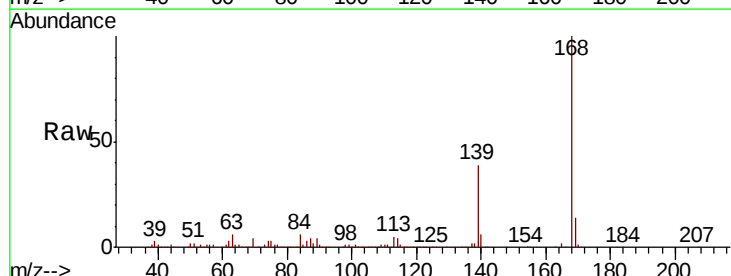


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

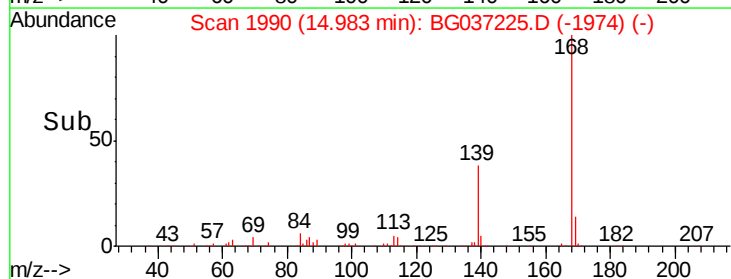
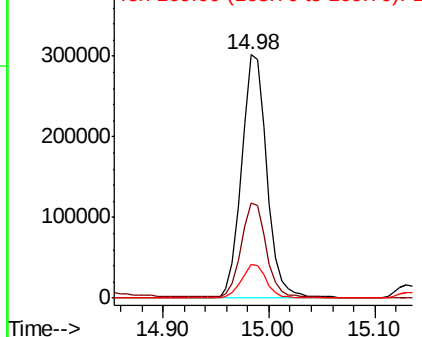


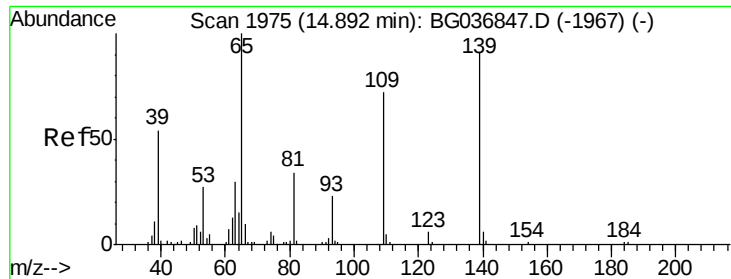
#54
 Dibenzofuran
 Concen: 45.053 ng
 RT: 14.98 min Scan# 1990
 Delta R.T. -0.00 min
 Lab File: BG037225.D
 Acq: 9 Oct 2018 20:07

Tgt Ion:168 Resp: 500227
 Ion Ratio Lower Upper
 168 100
 139 39.1 31.0 46.6
 169 13.9 11.1 16.7



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

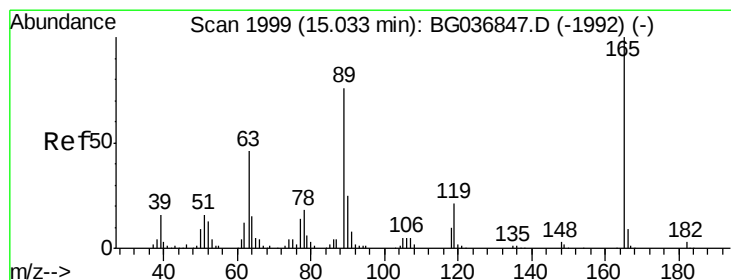
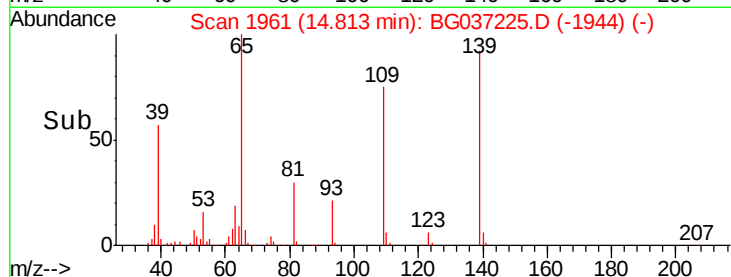
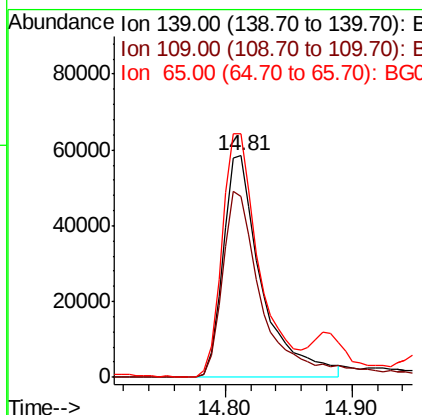
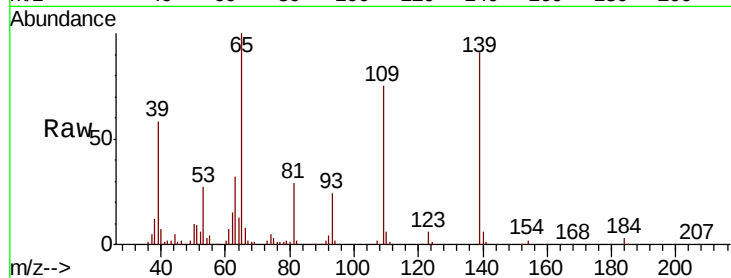




#55
4-Nitrophenol
Concen: 90.597 ng
RT: 14.81 min Scan# 1961
Delta R.T. 0.00 min
Lab File: BG037225.D
Acq: 9 Oct 2018 20:07

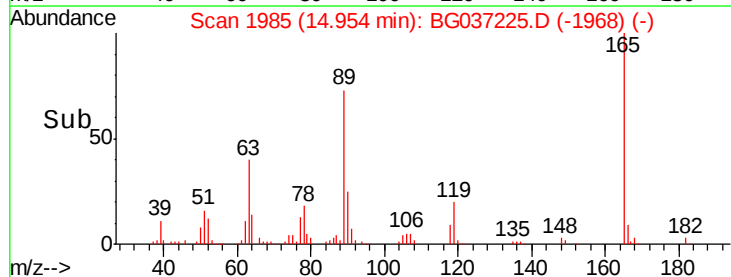
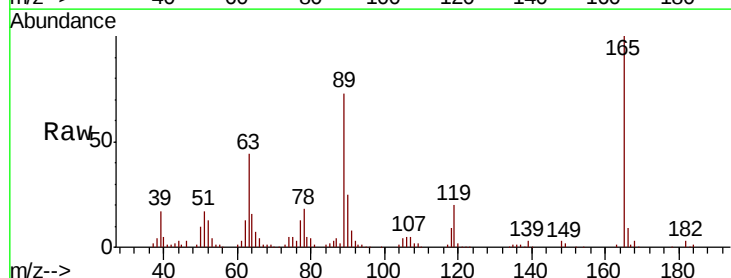
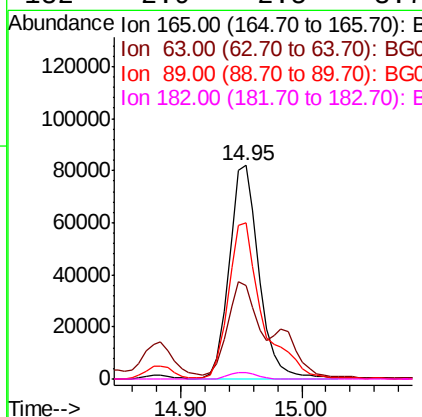
Instrument :
BNA_G
ClientSampleId :
PHASE-3-SOILMSD

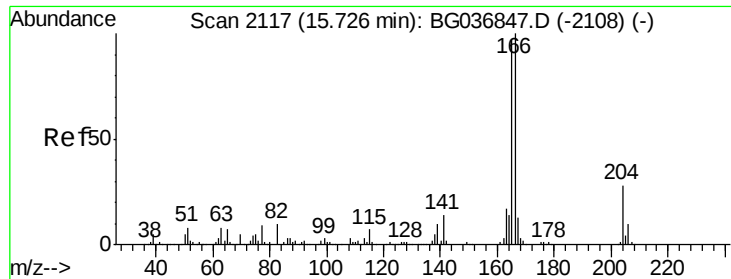
Tgt Ion:139 Resp: 123260
Ion Ratio Lower Upper
139 100
109 81.8 63.9 103.9
65 109.8 90.0 130.0



#56
2,4-Dinitrotoluene
Concen: 49.449 ng
RT: 14.95 min Scan# 1985
Delta R.T. 0.00 min
Lab File: BG037225.D
Acq: 9 Oct 2018 20:07

Tgt Ion:165 Resp: 139453
Ion Ratio Lower Upper
165 100
63 43.9 40.1 60.1
89 72.9 63.7 95.5
182 2.9 2.5 3.7

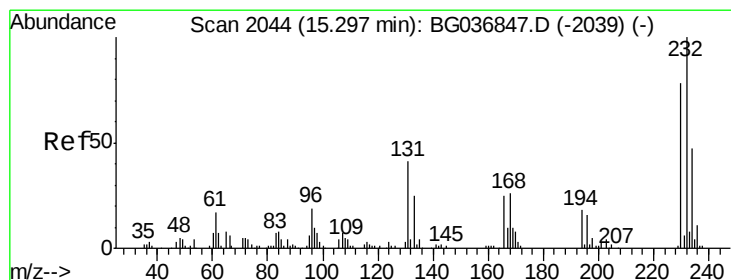
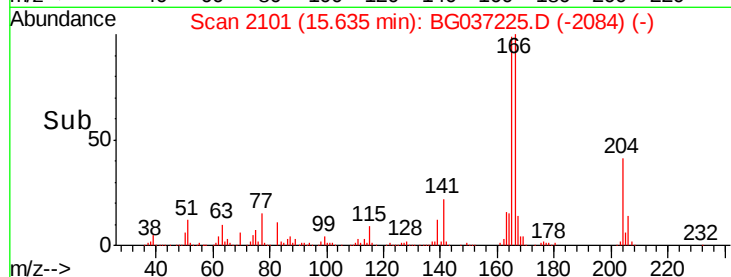
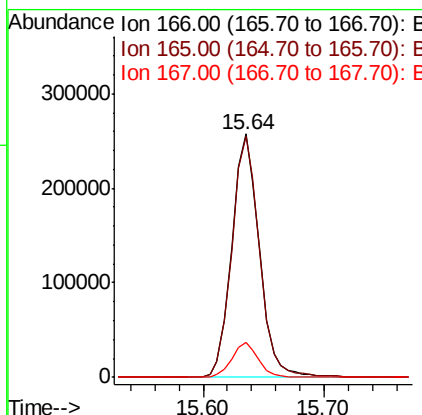
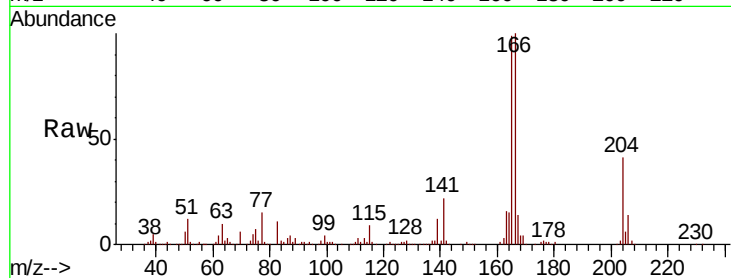




#57
 Fluorene
 Concen: 49.195 ng
 RT: 15.64 min Scan# 2101
 Delta R.T. 0.00 min
 Lab File: BG037225.D
 Acq: 9 Oct 2018 20:07

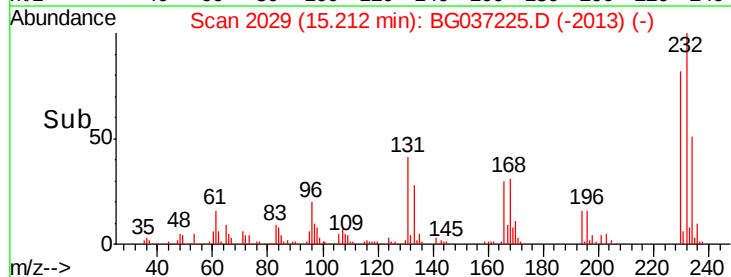
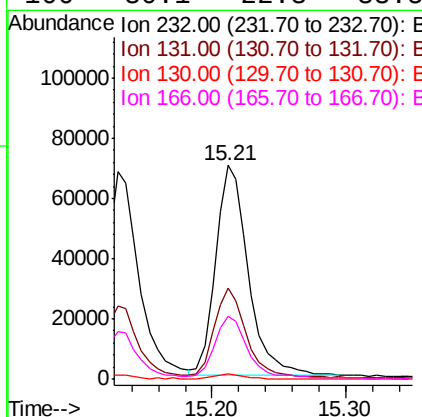
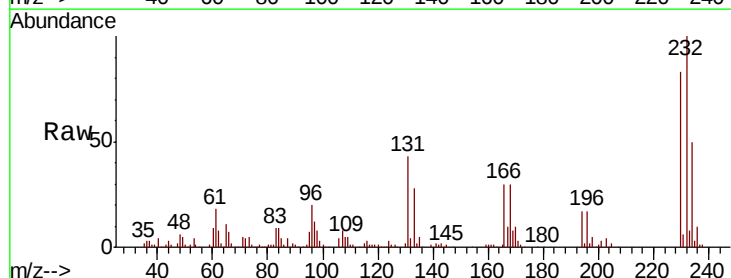
Instrument :
 BNA_G
 ClientSampleId :
 PHASE-3-SOILMSD

Tgt Ion:166 Resp: 408257
 Ion Ratio Lower Upper
 166 100
 165 99.2 77.0 115.4
 167 14.1 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.830 ng
 RT: 15.21 min Scan# 2029
 Delta R.T. -0.00 min
 Lab File: BG037225.D
 Acq: 9 Oct 2018 20:07

Tgt Ion:232 Resp: 117729
 Ion Ratio Lower Upper
 232 100
 131 41.7 33.8 50.8
 130 2.5 2.1 3.1
 166 30.1 22.3 33.5





#59

Diethylphthalate

Concen: 47.549 ng

RT: 15.41 min Scan# 2062

Delta R.T. 0.00 min

Lab File: BG037225.D

Acq: 9 Oct 2018 20:07

Instrument :

BNA_G

ClientSampleId :

PHASE-3-SOILMSD

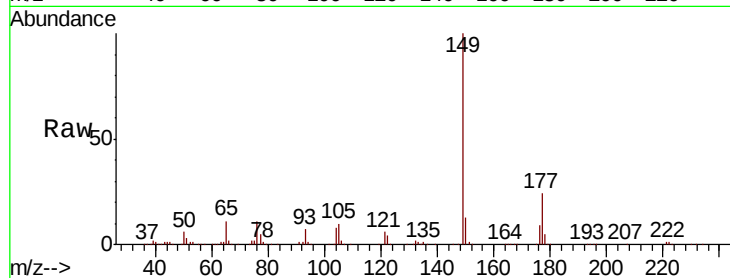
Tgt Ion:149 Resp: 444247

Ion Ratio Lower Upper

149 100

177 24.1 19.1 28.7

150 13.3 10.7 16.1

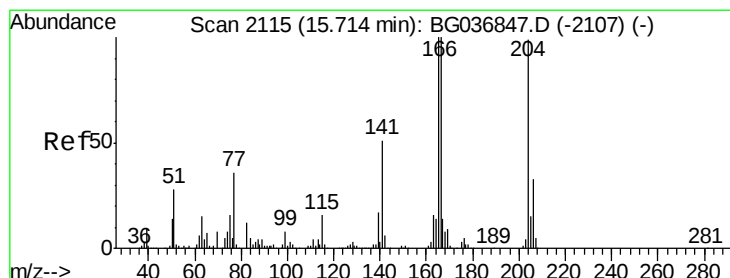
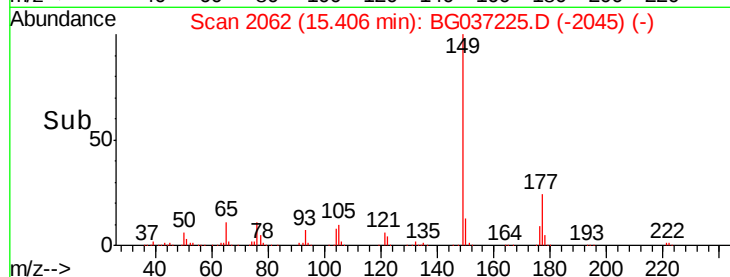
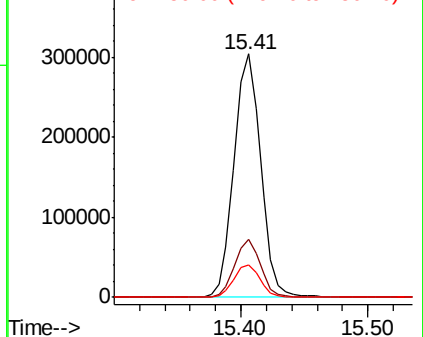


Abundance

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: 42.597 ng

RT: 15.63 min Scan# 2100

Delta R.T. 0.00 min

Lab File: BG037225.D

Acq: 9 Oct 2018 20:07

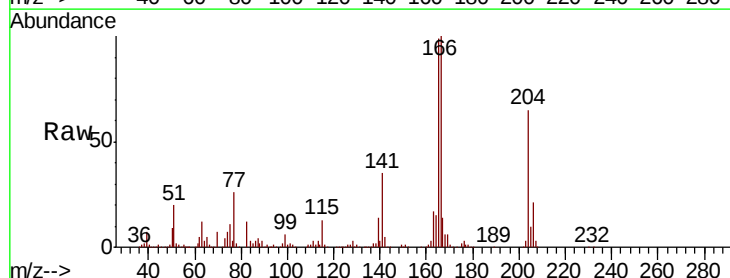
Tgt Ion:204 Resp: 223874

Ion Ratio Lower Upper

204 100

206 33.1 27.0 40.4

141 54.2 43.8 65.6

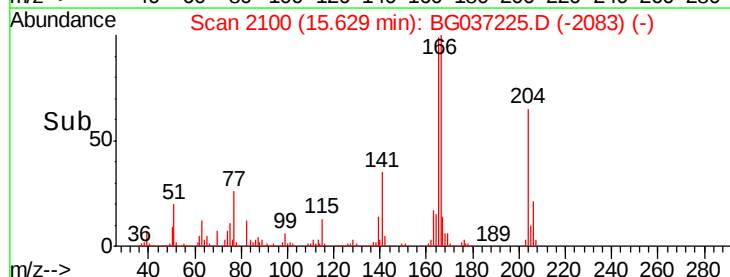
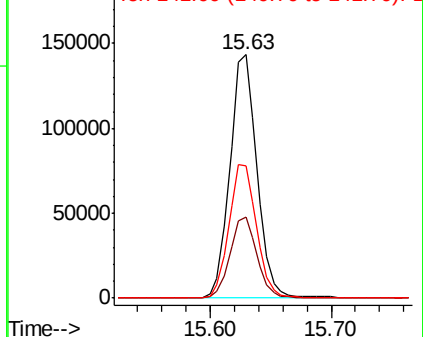


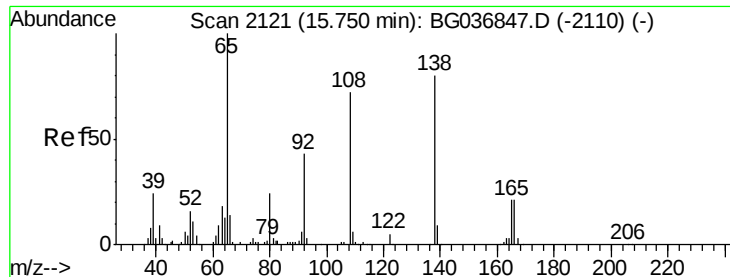
Abundance

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

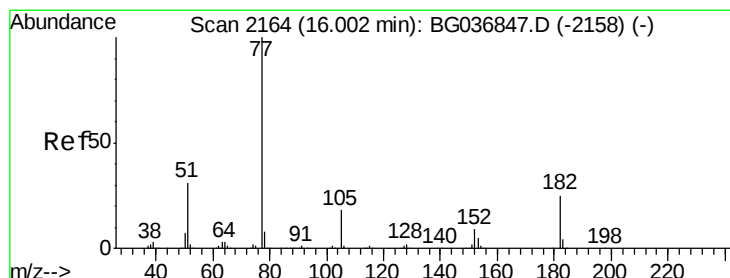
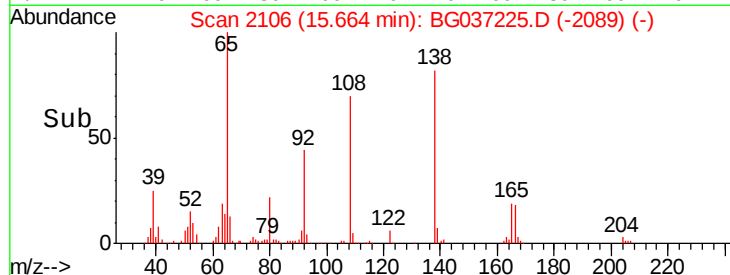
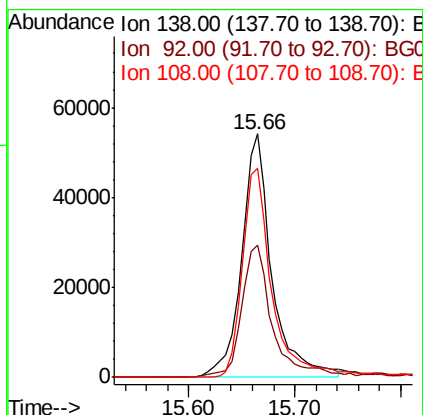
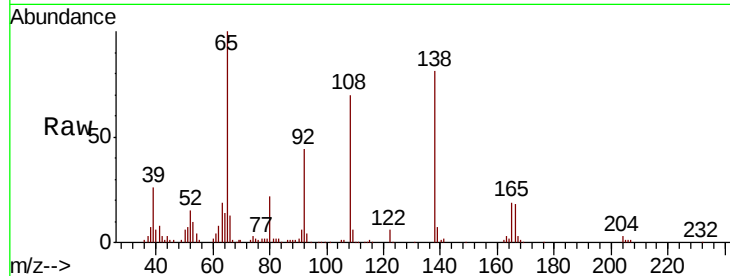




#61
4-Nitroaniline
Concen: 47.939 ng
RT: 15.66 min Scan# 2106
Delta R.T. 0.00 min
Lab File: BG037225.D
Acq: 9 Oct 2018 20:07

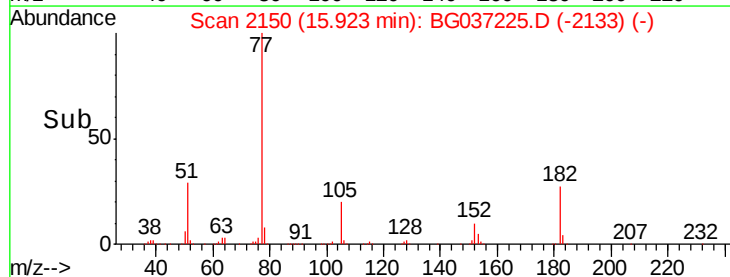
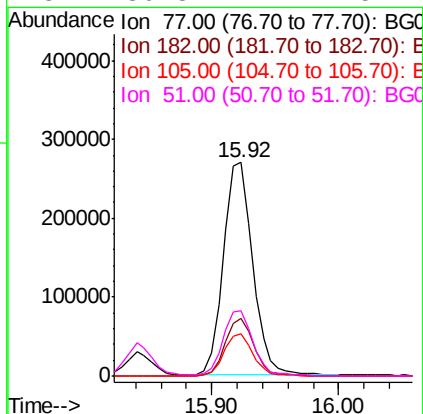
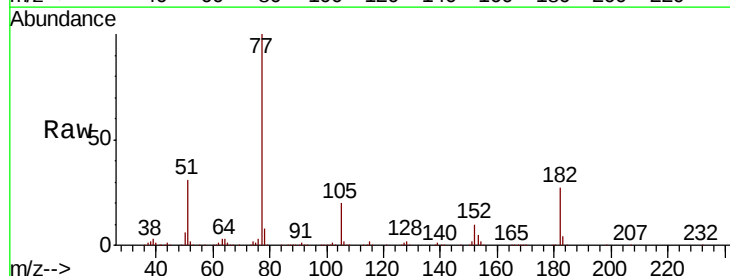
Instrument :
BNA_G
ClientSampleId :
PHASE-3-SOILMSD

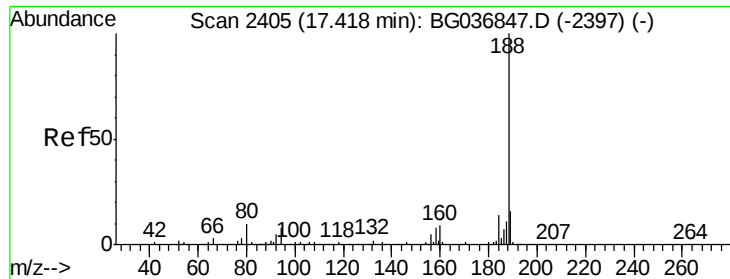
Tgt Ion:138 Resp: 107390
Ion Ratio Lower Upper
138 100
92 54.4 38.5 78.5
108 85.8 70.3 110.3



#62
Azobenzene
Concen: 48.128 ng
RT: 15.92 min Scan# 2150
Delta R.T. 0.00 min
Lab File: BG037225.D
Acq: 9 Oct 2018 20:07

Tgt Ion: 77 Resp: 432051
Ion Ratio Lower Upper
77 100
182 26.7 6.7 46.7
105 19.7 0.0 39.8
51 30.8 12.4 52.4

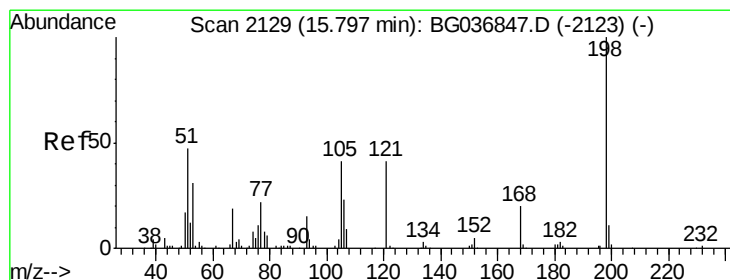
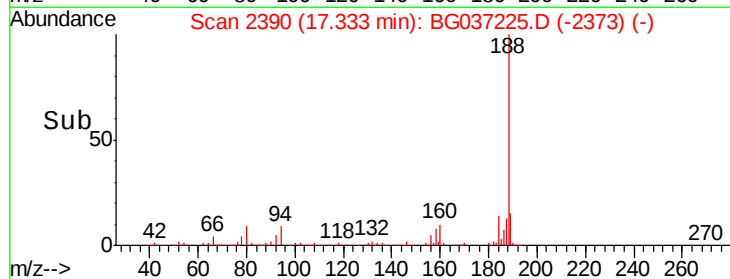
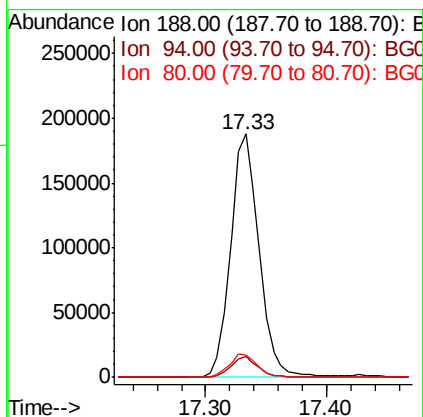
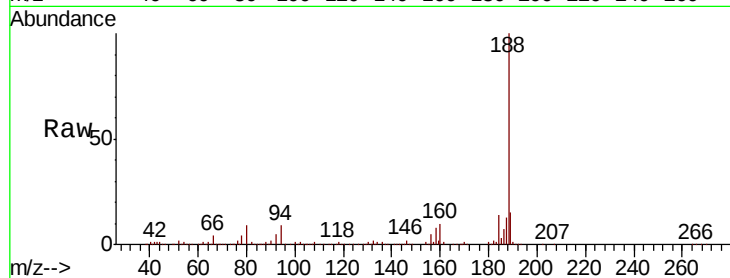




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.33 min Scan# 2390
Delta R.T. 0.00 min
Lab File: BG037225.D
Acq: 9 Oct 2018 20:07

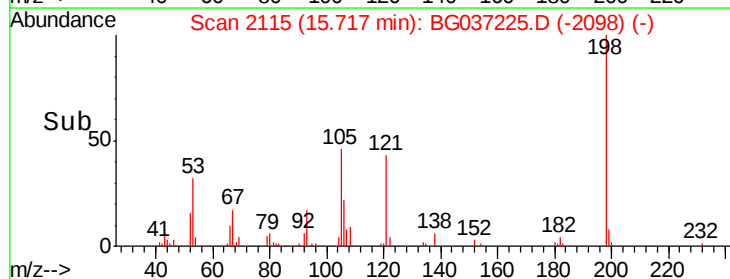
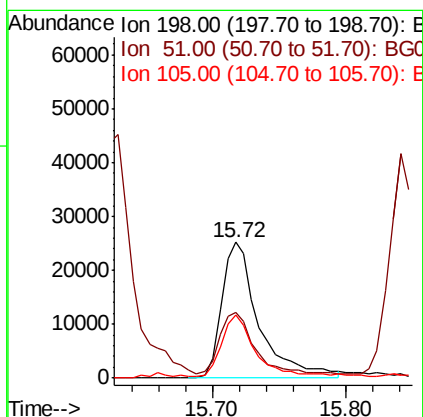
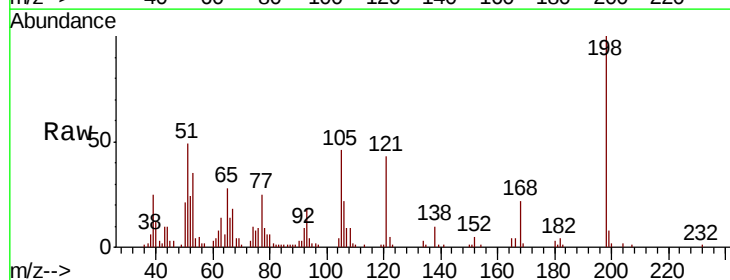
Instrument :
BNA_G
ClientSampleId :
PHASE-3-SOILMSD

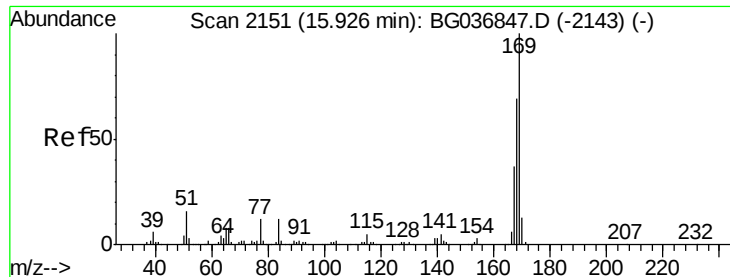
Tgt Ion:188 Resp: 307093
Ion Ratio Lower Upper
188 100
94 8.6 6.7 10.1
80 9.1 8.1 12.1



#64
4,6-Dinitro-2-methylphenol
Concen: 30.545 ng
RT: 15.72 min Scan# 2115
Delta R.T. 0.00 min
Lab File: BG037225.D
Acq: 9 Oct 2018 20:07

Tgt Ion:198 Resp: 49041
Ion Ratio Lower Upper
198 100
51 48.5 26.5 66.5
105 46.2 20.2 60.2

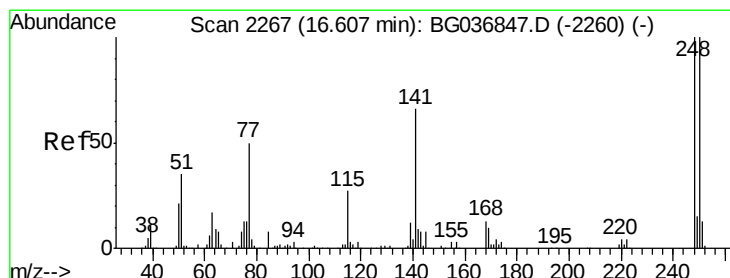
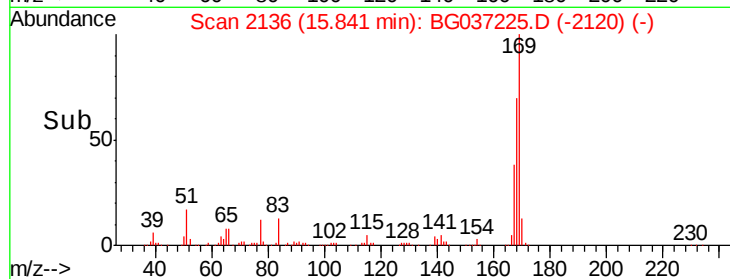
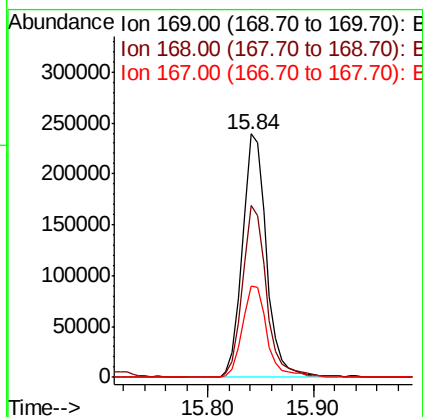
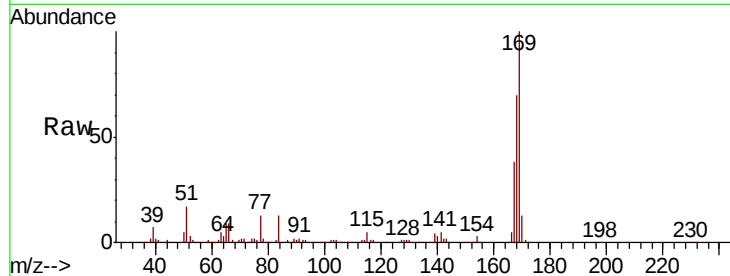




#65
 n-Nitrosodiphenylamine
 Concen: 44.447 ng
 RT: 15.84 min Scan# 2136
 Delta R.T. -0.00 min
 Lab File: BG037225.D
 Acq: 9 Oct 2018 20:07

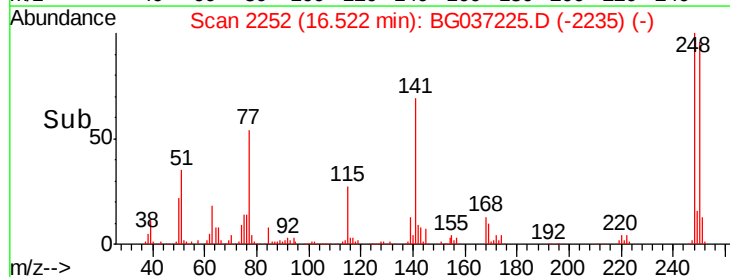
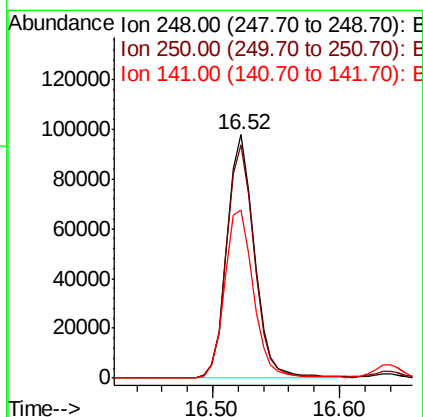
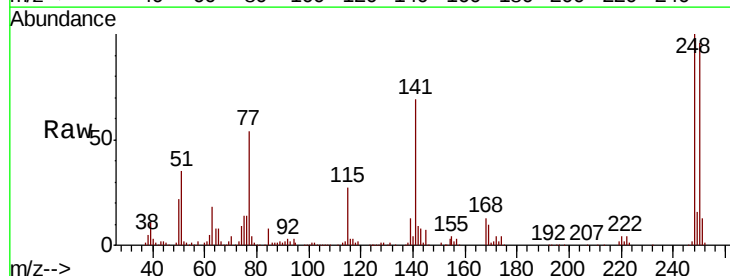
Instrument :
 BNA_G
 ClientSampleId :
 PHASE-3-SOILMSD

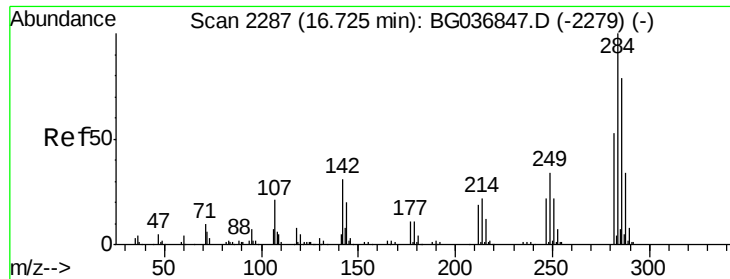
Tgt Ion:169 Resp: 376817
 Ion Ratio Lower Upper
 169 100
 168 70.4 57.6 86.4
 167 37.7 31.0 46.4



#66
 4-Bromophenyl-phenylether
 Concen: 41.997 ng
 RT: 16.52 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: BG037225.D
 Acq: 9 Oct 2018 20:07

Tgt Ion:248 Resp: 146695
 Ion Ratio Lower Upper
 248 100
 250 96.0 78.1 117.1
 141 69.1 53.7 80.5

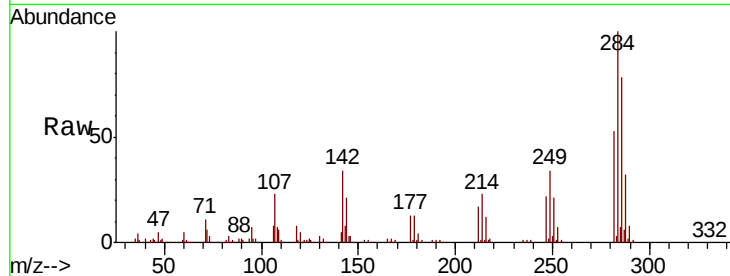




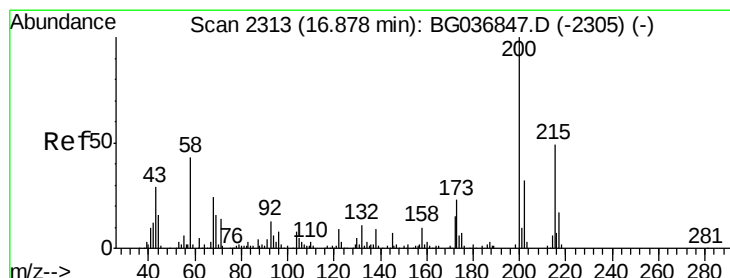
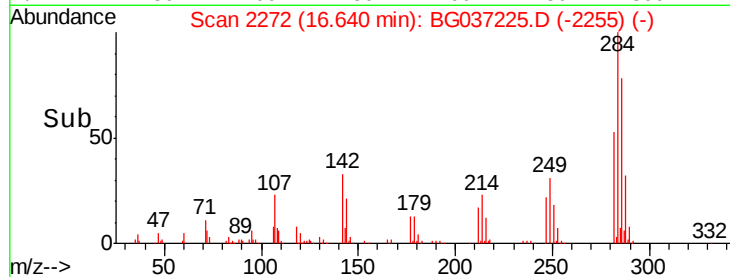
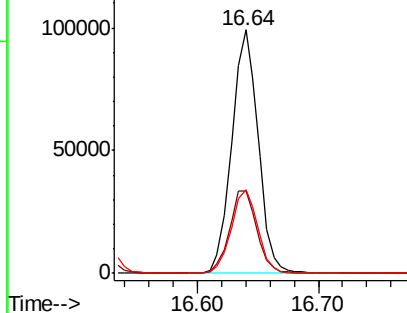
#67
Hexachlorobenzene
Concen: 42.081 ng
RT: 16.64 min Scan# 2272
Delta R.T. 0.00 min
Lab File: BG037225.D
Acq: 9 Oct 2018 20:07

Instrument :
BNA_G
ClientSampleId :
PHASE-3-SOILMSD

Tgt Ion:284 Resp: 151389
Ion Ratio Lower Upper
284 100
142 33.9 27.8 41.6
249 34.1 27.4 41.2

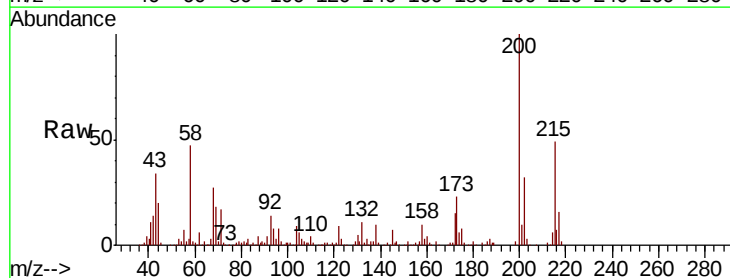


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

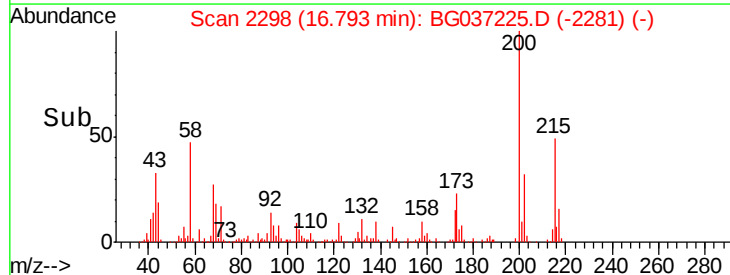
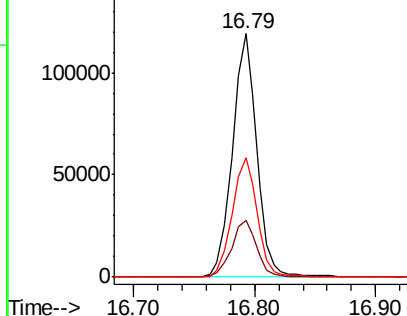


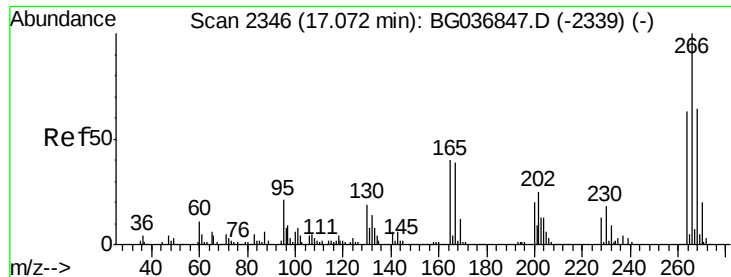
#68
Atrazine
Concen: 48.778 ng
RT: 16.79 min Scan# 2298
Delta R.T. 0.00 min
Lab File: BG037225.D
Acq: 9 Oct 2018 20:07

Tgt Ion:200 Resp: 167446
Ion Ratio Lower Upper
200 100
173 23.3 3.9 43.9
215 49.0 30.4 70.4



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

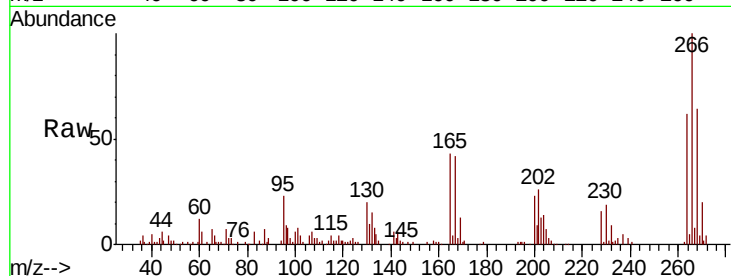




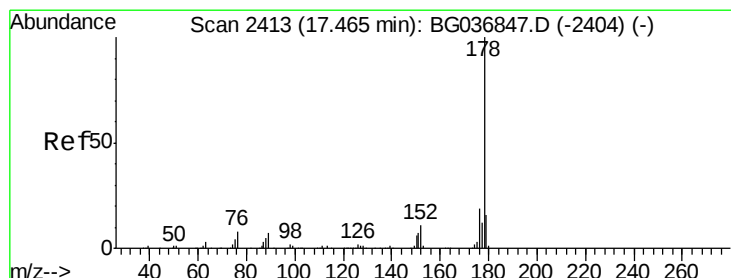
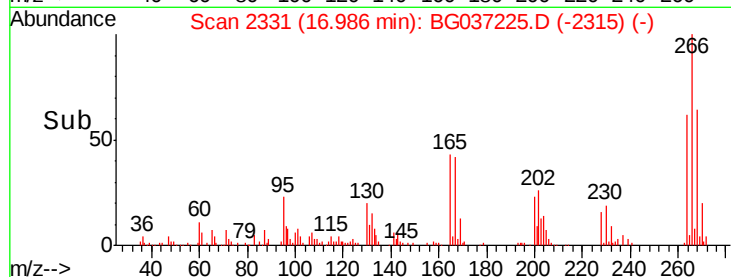
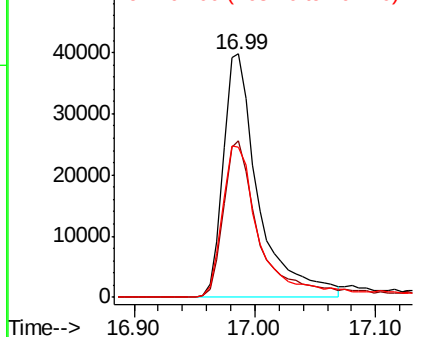
#69
 Pentachlorophenol
 Concen: 35.702 ng
 RT: 16.99 min Scan# 2331
 Delta R.T. -0.00 min
 Lab File: BG037225.D
 Acq: 9 Oct 2018 20:07

Instrument :
 BNA_G
 ClientSampleId :
 PHASE-3-SOILMSD

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.4	51.4	77.2
264	61.8	48.9	73.3

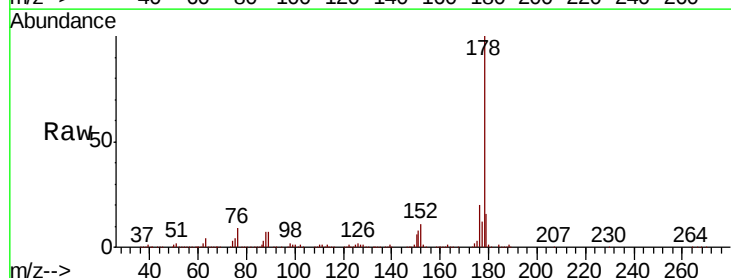


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

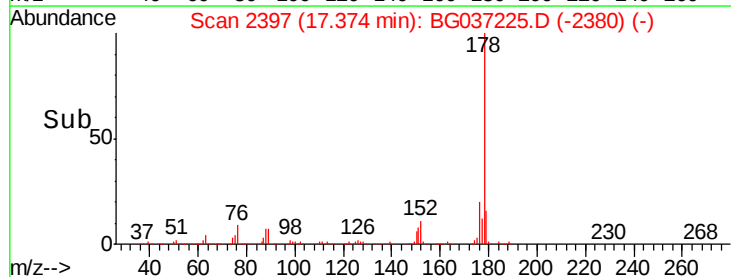
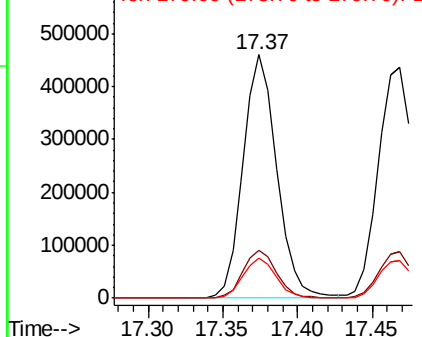


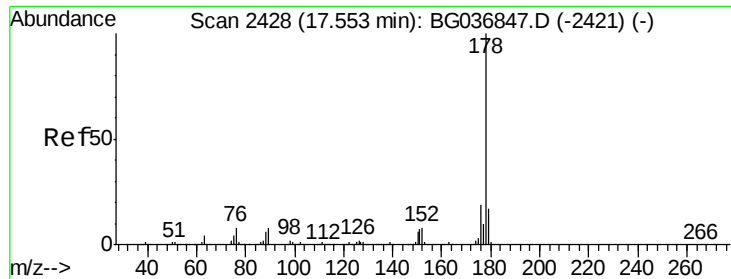
#70
 Phenanthrene
 Concen: 48.712 ng
 RT: 17.37 min Scan# 2397
 Delta R.T. 0.00 min
 Lab File: BG037225.D
 Acq: 9 Oct 2018 20:07

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.4	23.2
179	16.4	13.4	20.2



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

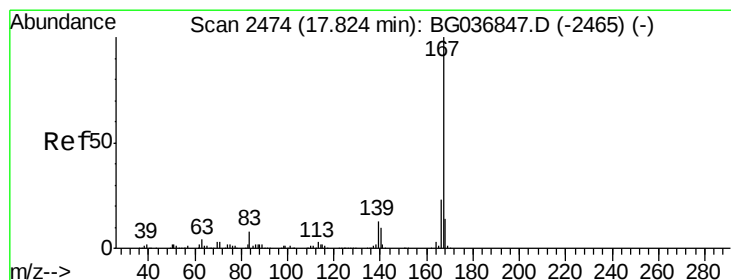
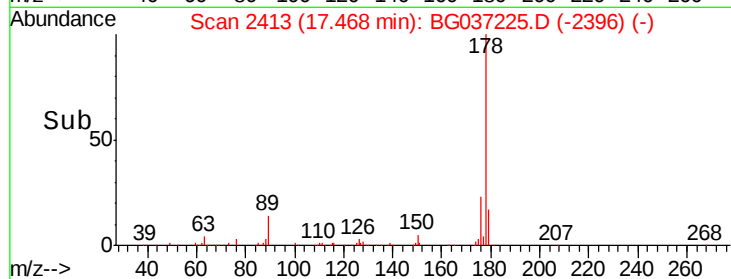
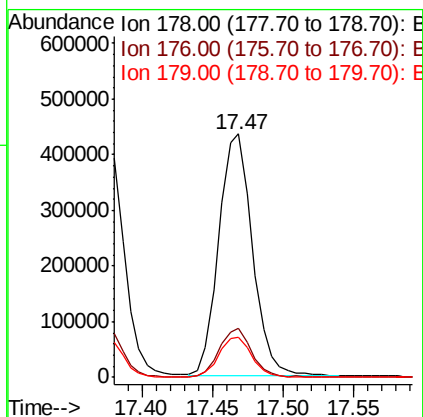
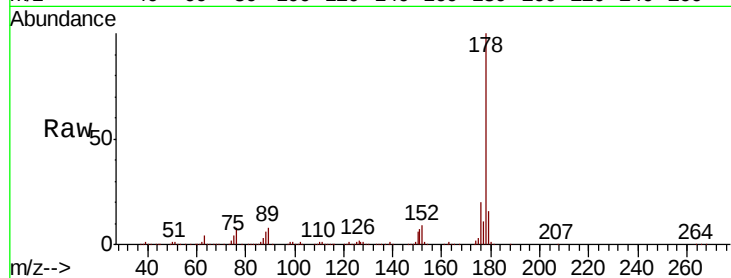




#71
 Anthracene
 Concen: 49.119 ng
 RT: 17.47 min Scan# 2413
 Delta R.T. 0.00 min
 Lab File: BG037225.D
 Acq: 9 Oct 2018 20:07

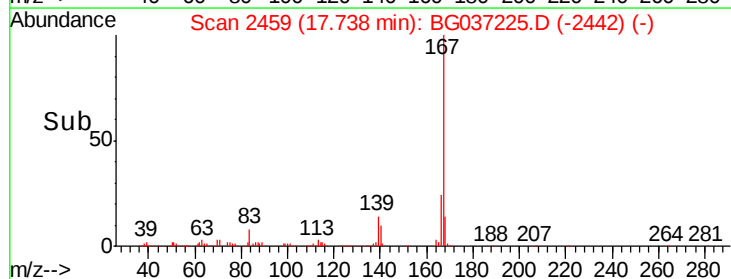
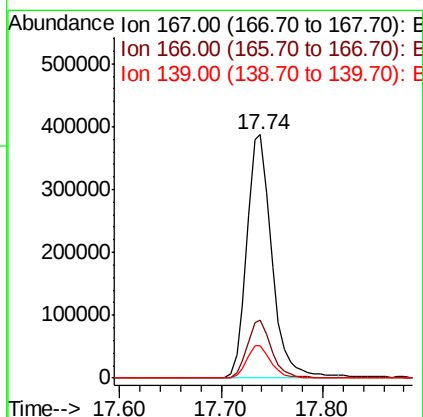
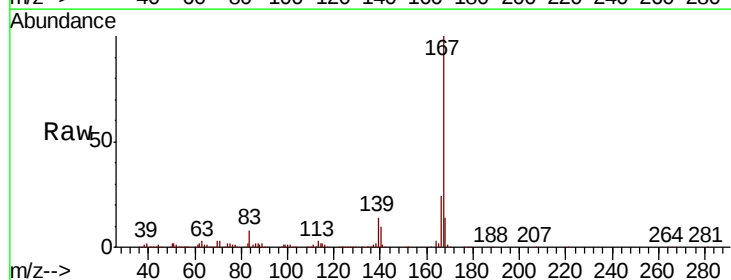
Instrument :
 BNA_G
 ClientSampleId :
 PHASE-3-SOILMSD

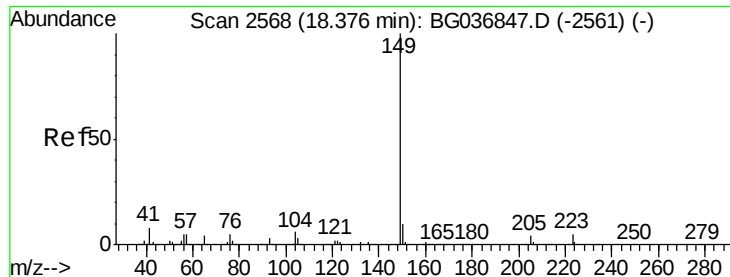
Tgt Ion:178 Resp: 718764
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.4 23.2
 179 16.3 13.0 19.4



#72
 Carbazole
 Concen: 46.639 ng
 RT: 17.74 min Scan# 2459
 Delta R.T. 0.00 min
 Lab File: BG037225.D
 Acq: 9 Oct 2018 20:07

Tgt Ion:167 Resp: 665414
 Ion Ratio Lower Upper
 167 100
 166 23.6 19.5 29.3
 139 13.5 10.7 16.1

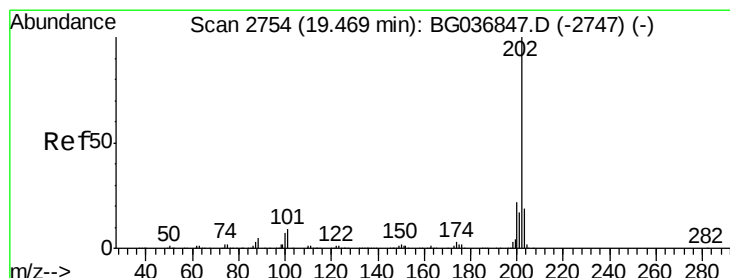
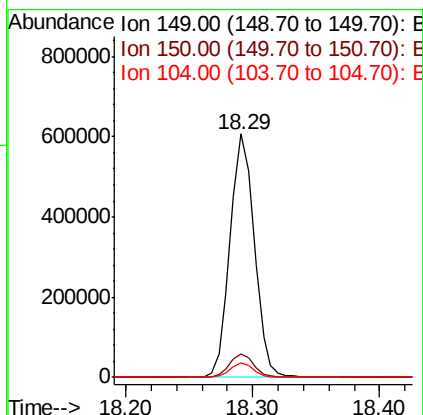
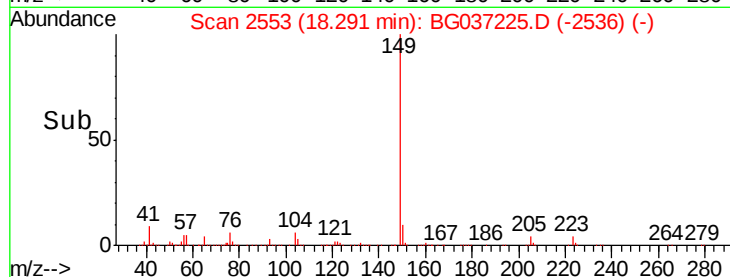
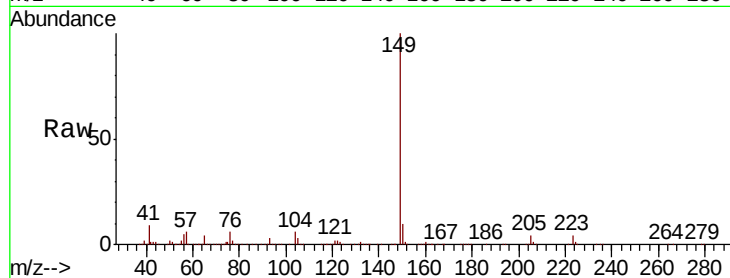




#73
Di-n-butylphthalate
Concen: 50.876 ng
RT: 18.29 min Scan# 2553
Delta R.T. 0.00 min
Lab File: BG037225.D
Acq: 9 Oct 2018 20:07

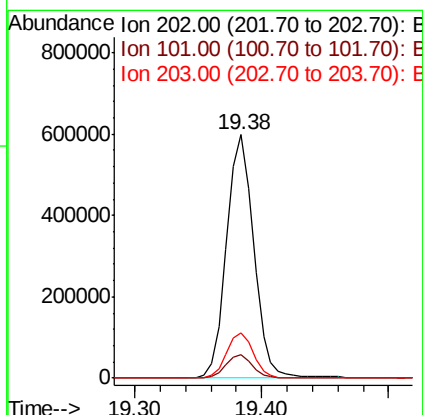
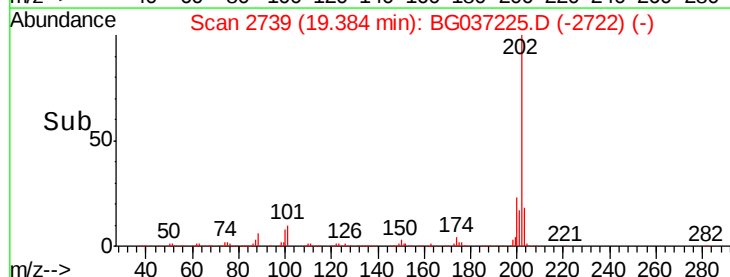
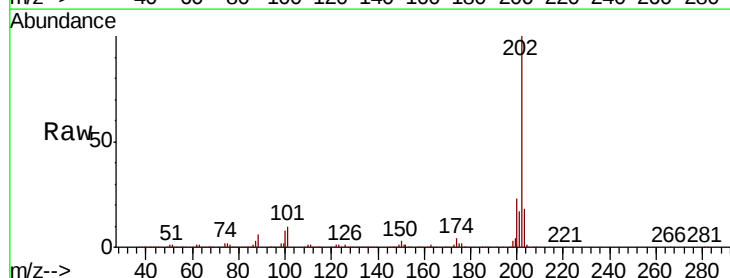
Instrument :
BNA_G
ClientSampleId :
PHASE-3-SOILMSD

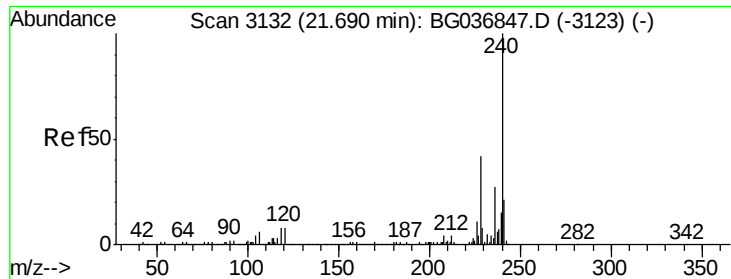
Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	8.1	12.1
104	6.1	4.6	6.8



#74
Fluoranthene
Concen: 49.907 ng
RT: 19.38 min Scan# 2739
Delta R.T. 0.00 min
Lab File: BG037225.D
Acq: 9 Oct 2018 20:07

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	29.4
203	18.5	0.0	38.9

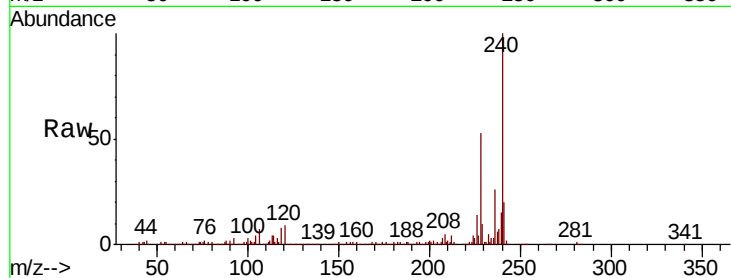




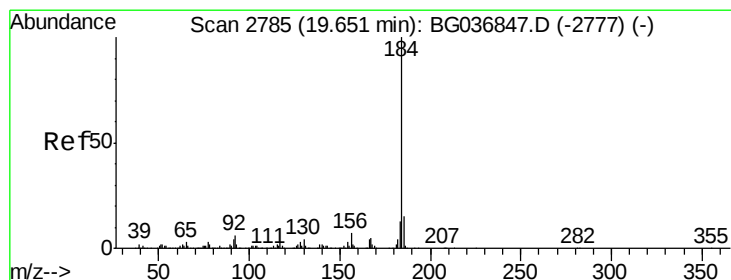
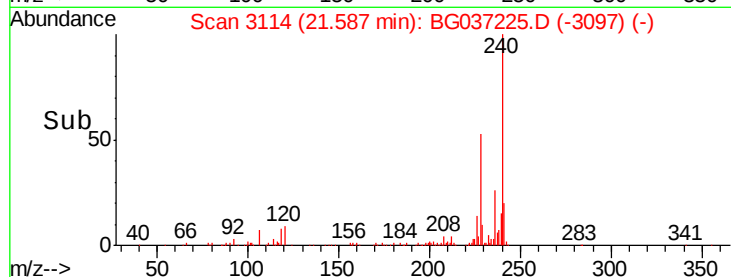
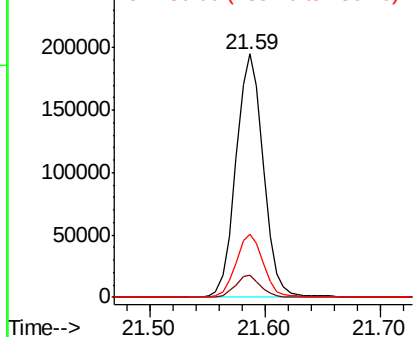
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.59 min Scan# 3114
Delta R.T. 0.00 min
Lab File: BG037225.D
Acq: 9 Oct 2018 20:07

Instrument :
BNA_G
ClientSampleId :
PHASE-3-SOILMSD

Tgt Ion:240 Resp: 320272
Ion Ratio Lower Upper
240 100
120 9.1 6.9 10.3
236 25.8 21.2 31.8

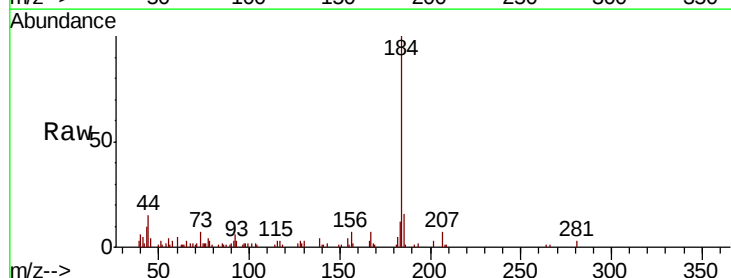


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

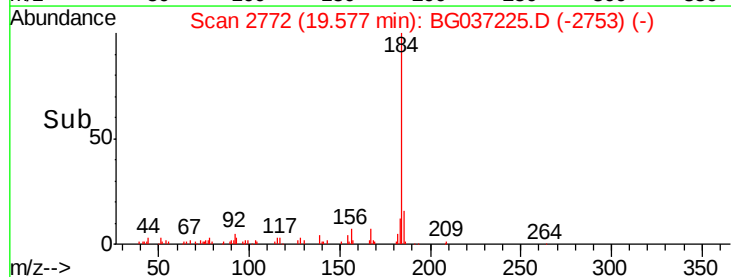
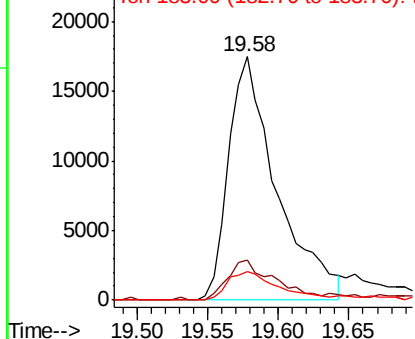


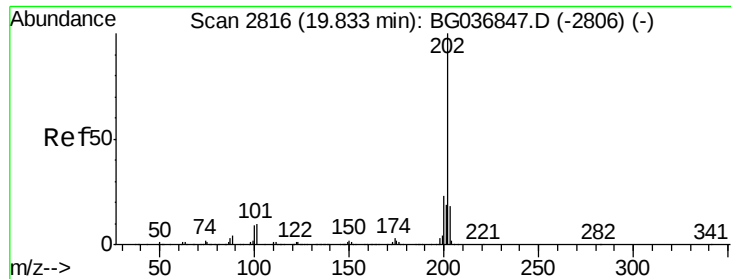
#76
Benzidine
Concen: 4.296 ng
RT: 19.58 min Scan# 2772
Delta R.T. 0.01 min
Lab File: BG037225.D
Acq: 9 Oct 2018 20:07

Tgt Ion:184 Resp: 41596
Ion Ratio Lower Upper
184 100
185 16.2 12.6 18.8
183 11.8 10.9 16.3



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

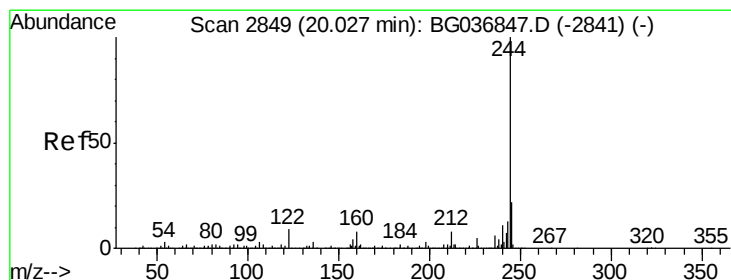
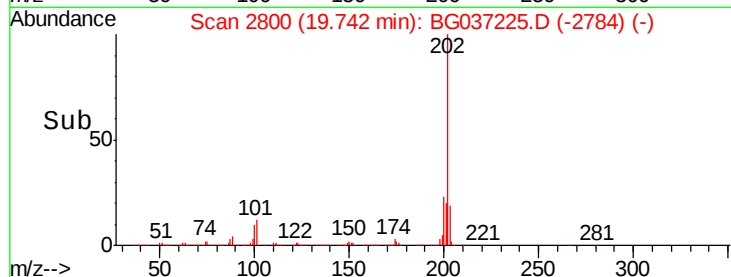
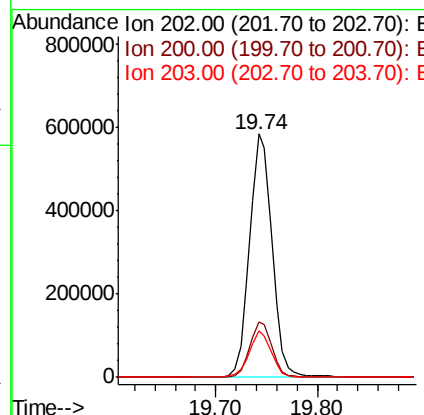
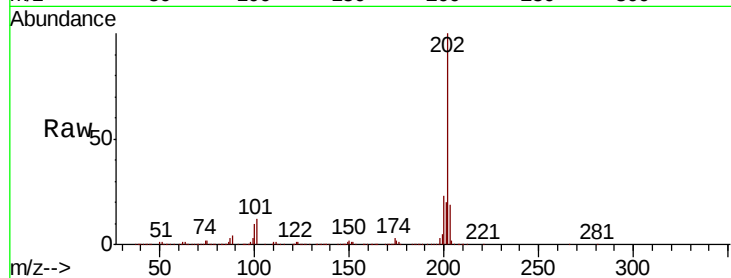




#77
 Pyrene
 Concen: 46.908 ng
 RT: 19.74 min Scan# 2800
 Delta R.T. -0.00 min
 Lab File: BG037225.D
 Acq: 9 Oct 2018 20:07

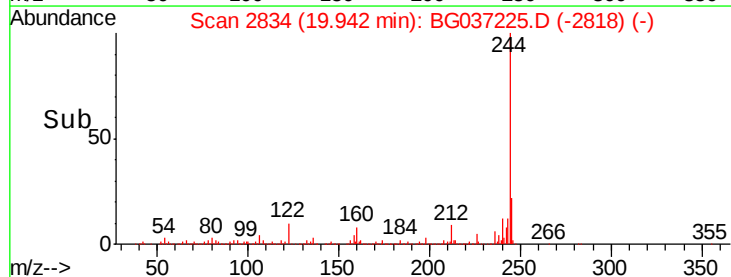
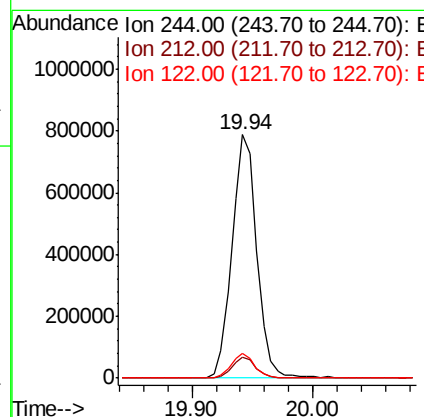
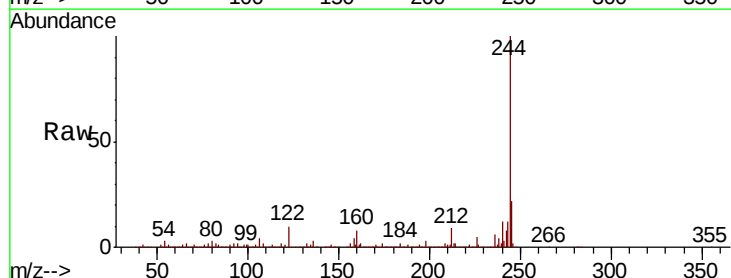
Instrument :
 BNA_G
 ClientSampleId :
 PHASE-3-SOILMSD

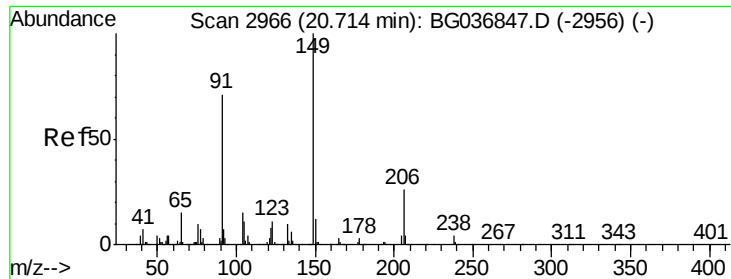
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.7	18.3	27.5
203	19.0	15.1	22.7



#78
 Terphenyl-d14
 Concen: 92.212 ng
 RT: 19.94 min Scan# 2834
 Delta R.T. -0.00 min
 Lab File: BG037225.D
 Acq: 9 Oct 2018 20:07

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.0	10.6
122	10.0	7.1	10.7

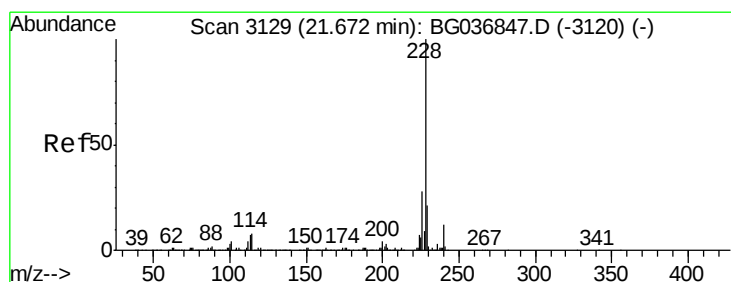
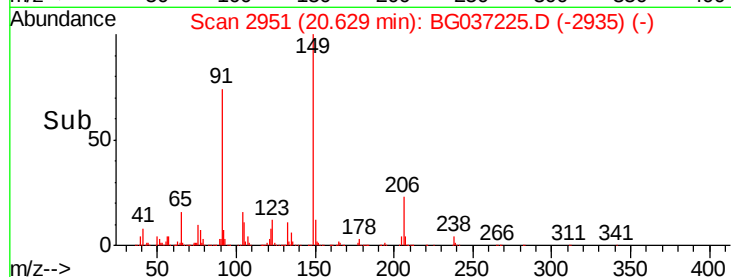
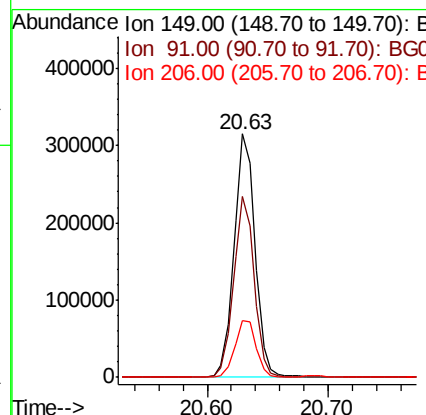
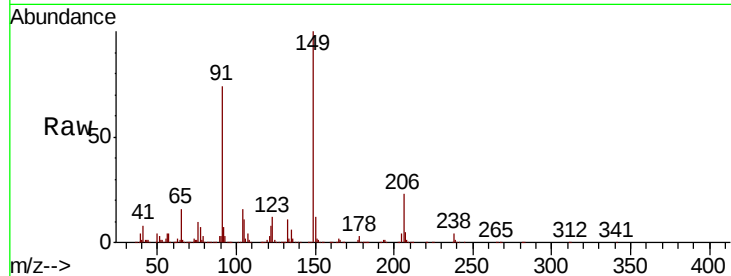




#79
Butylbenzylphthalate
Concen: 49.690 ng
RT: 20.63 min Scan# 2951
Delta R.T. -0.00 min
Lab File: BG037225.D
Acq: 9 Oct 2018 20:07

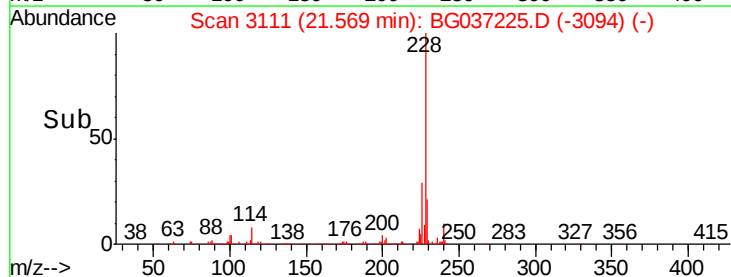
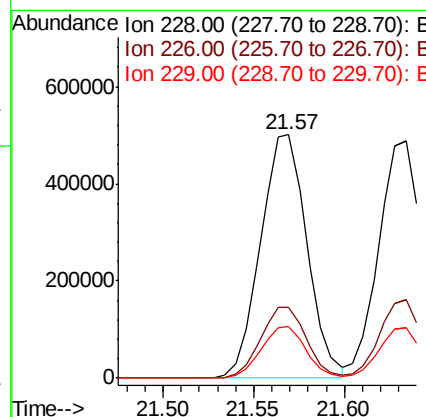
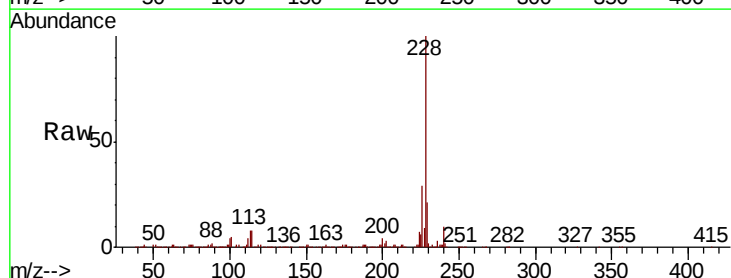
Instrument :
BNA_G
ClientSampleId :
PHASE-3-SOILMSD

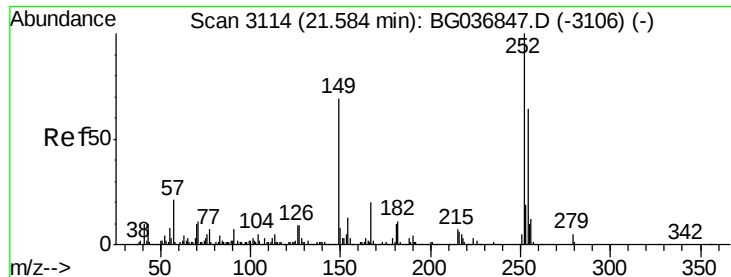
Tgt Ion:149 Resp: 380649
Ion Ratio Lower Upper
149 100
91 74.0 62.0 93.0
206 23.4 19.6 29.4



#80
Benzo(a)anthracene
Concen: 47.657 ng
RT: 21.57 min Scan# 3111
Delta R.T. 0.00 min
Lab File: BG037225.D
Acq: 9 Oct 2018 20:07

Tgt Ion:228 Resp: 890977
Ion Ratio Lower Upper
228 100
226 29.2 23.4 35.2
229 21.2 17.1 25.7

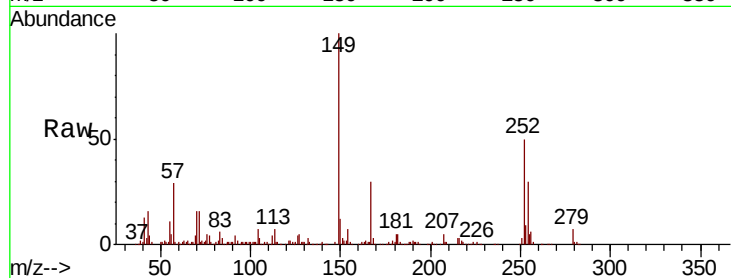




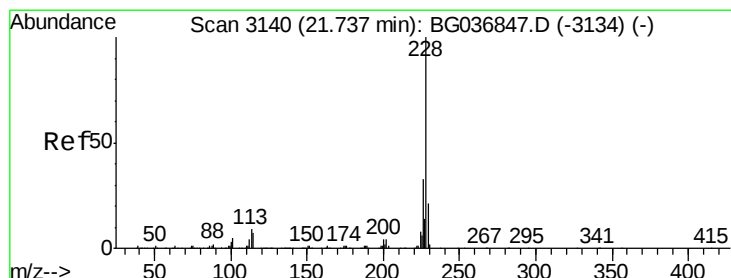
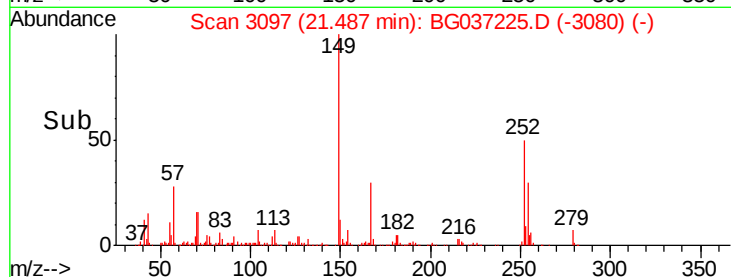
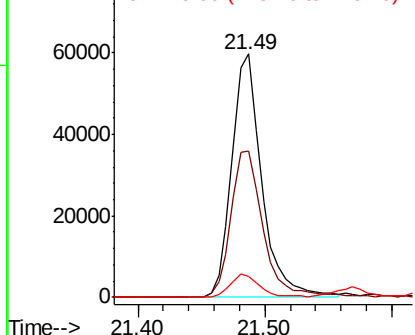
#81
 3,3'-Dichlorobenzidine
 Concen: 13.751 ng
 RT: 21.49 min Scan# 3097
 Delta R.T. 0.00 min
 Lab File: BG037225.D
 Acq: 9 Oct 2018 20:07

Instrument :
 BNA_G
 ClientSampleId :
 PHASE-3-SOILMSD

Tgt Ion:252 Resp: 97856
 Ion Ratio Lower Upper
 252 100
 254 60.0 51.0 76.4
 126 8.3 7.4 11.0

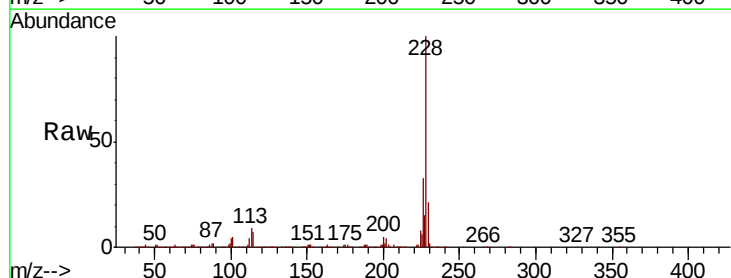


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

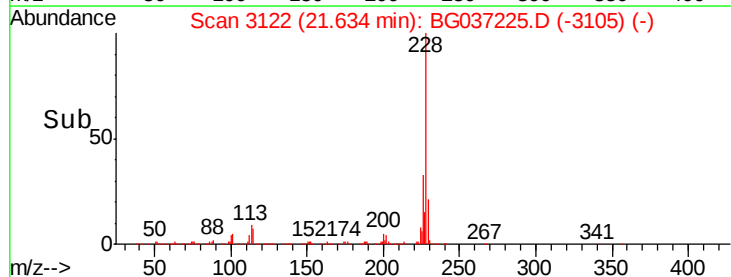
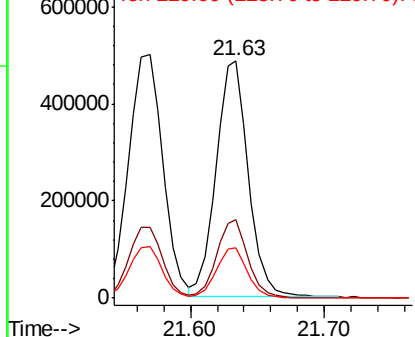


#82
 Chrysene
 Concen: 45.562 ng
 RT: 21.63 min Scan# 3122
 Delta R.T. 0.00 min
 Lab File: BG037225.D
 Acq: 9 Oct 2018 20:07

Tgt Ion:228 Resp: 823023
 Ion Ratio Lower Upper
 228 100
 226 33.0 25.5 38.3
 229 21.3 16.9 25.3



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

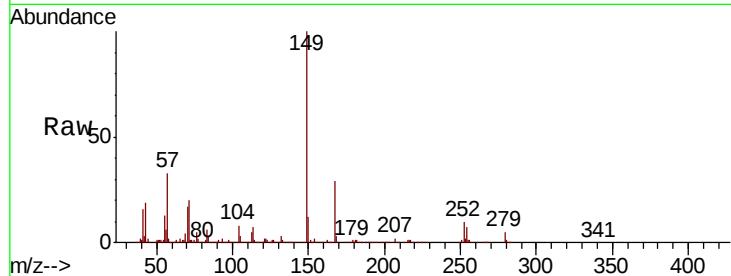




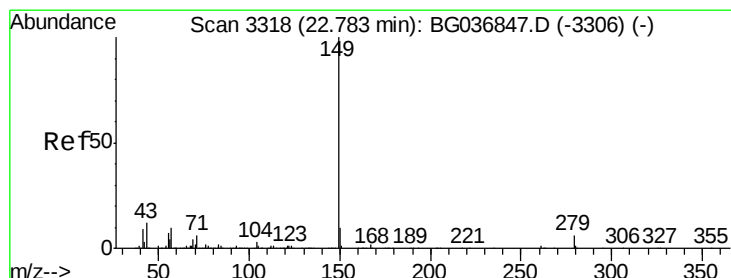
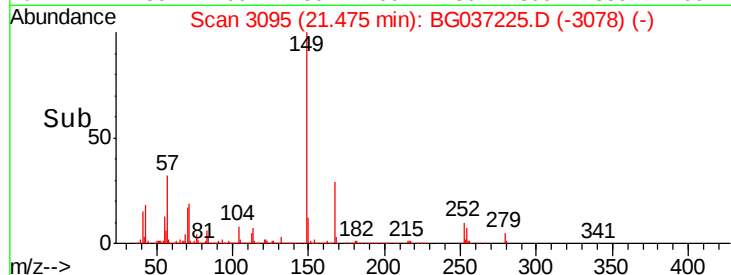
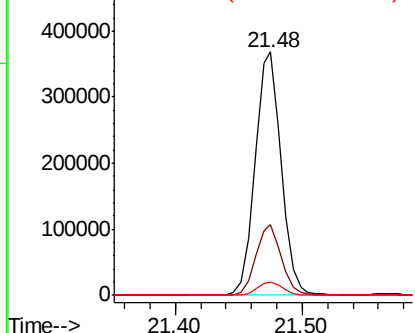
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.287 ng
 RT: 21.48 min Scan# 3095
 Delta R.T. 0.00 min
 Lab File: BG037225.D
 Acq: 9 Oct 2018 20:07

Instrument :
 BNA_G
 ClientSampleId :
 PHASE-3-SOILMSD

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.2	23.4	35.0
279	5.4	4.6	7.0

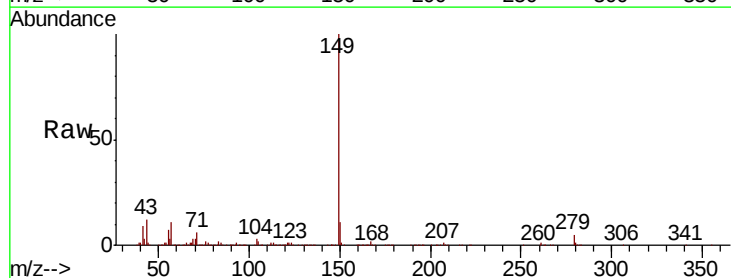


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

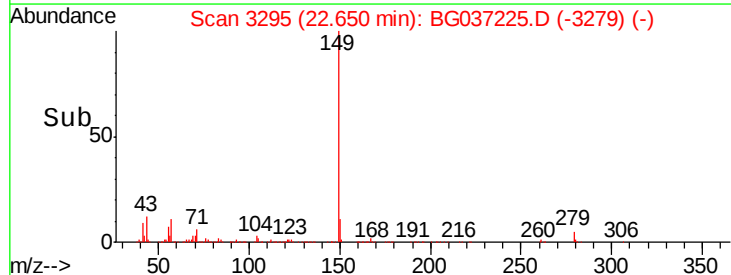
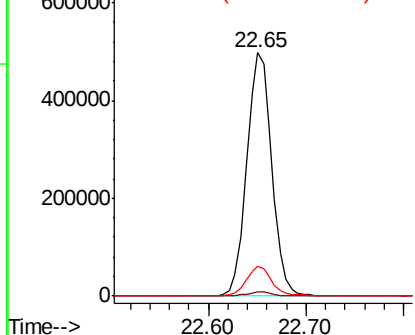


#84
 Di-n-octyl phthalate
 Concen: 50.470 ng
 RT: 22.65 min Scan# 3295
 Delta R.T. -0.00 min
 Lab File: BG037225.D
 Acq: 9 Oct 2018 20:07

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	11.5	10.0	15.0



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

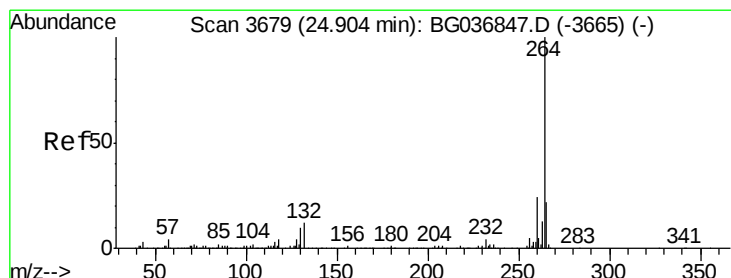
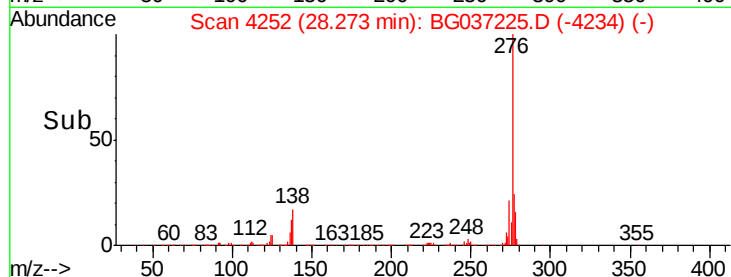
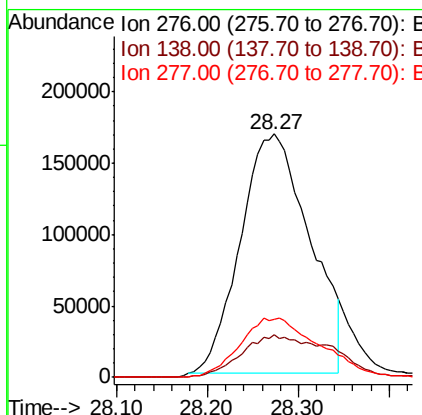
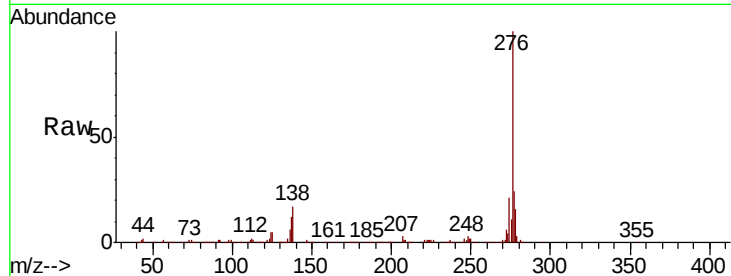




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.832 ng
 RT: 28.27 min Scan# 4252
 Delta R.T. 0.01 min
 Lab File: BG037225.D
 Acq: 9 Oct 2018 20:07

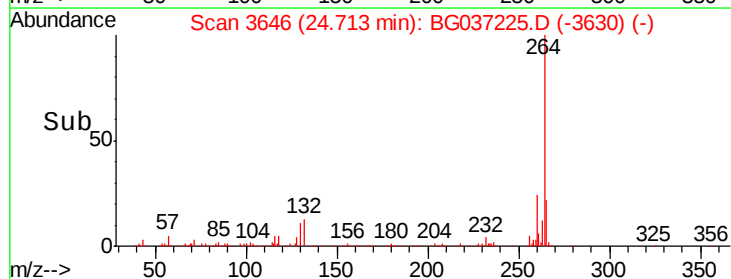
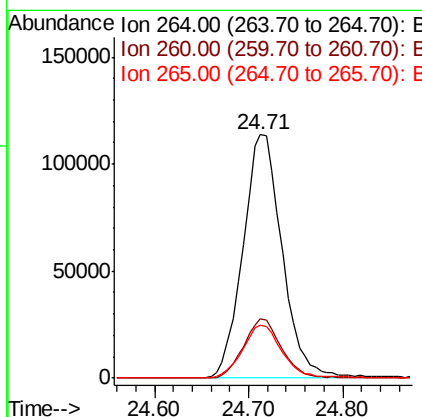
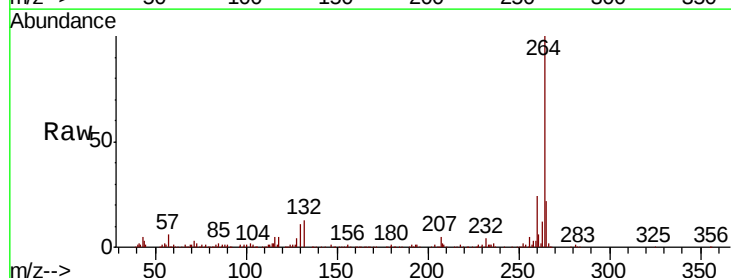
Instrument :
 BNA_G
 ClientSampleId :
 PHASE-3-SOILMSD

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.7	10.6	15.8#
277	25.4	20.6	30.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.71 min Scan# 3646
 Delta R.T. -0.00 min
 Lab File: BG037225.D
 Acq: 9 Oct 2018 20:07

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.6	29.4
265	21.5	17.4	26.0

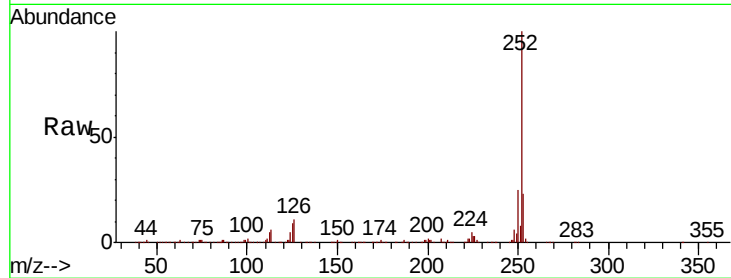




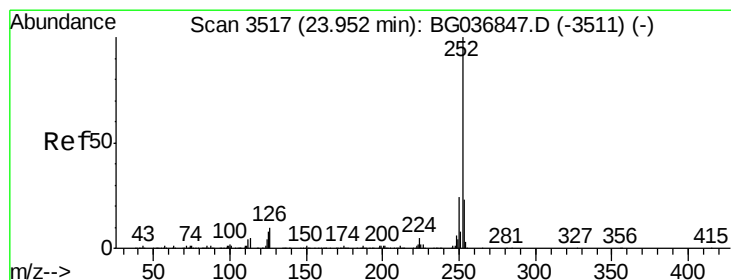
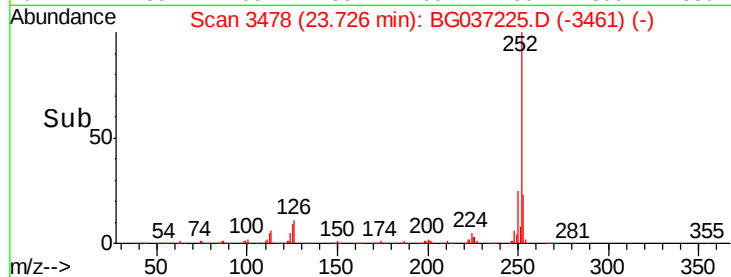
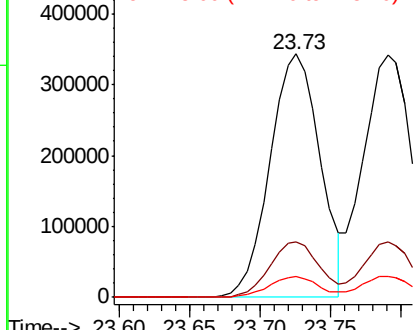
#87
Benzo(b)fluoranthene
Concen: 48.927 ng
RT: 23.73 min Scan# 3478
Delta R.T. 0.00 min
Lab File: BG037225.D
Acq: 9 Oct 2018 20:07

Instrument :
BNA_G
ClientSampleId :
PHASE-3-SOILMSD

Tgt Ion: 252 Resp: 850821
Ion Ratio Lower Upper
252 100
253 22.7 17.1 25.7
125 8.6 6.6 10.0

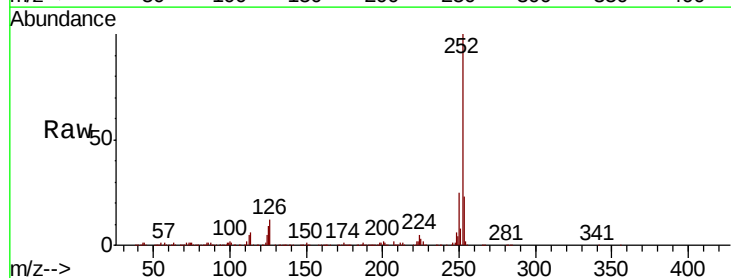


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

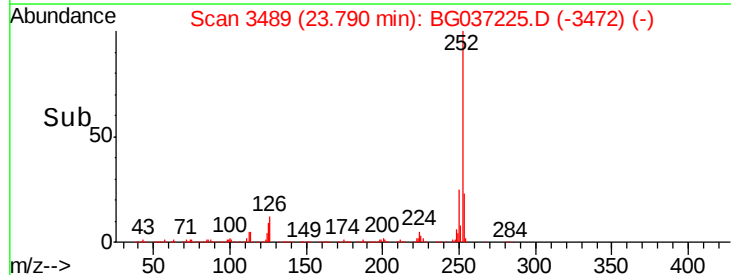
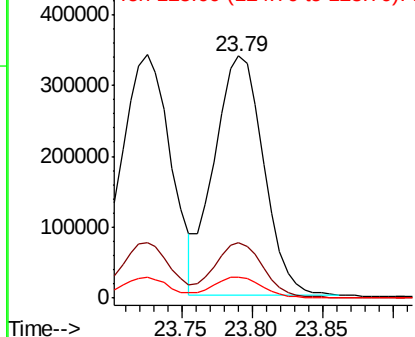


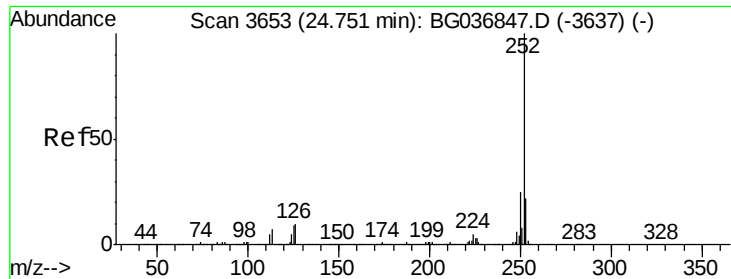
#88
Benzo(k)fluoranthene
Concen: 47.301 ng
RT: 23.79 min Scan# 3489
Delta R.T. 0.00 min
Lab File: BG037225.D
Acq: 9 Oct 2018 20:07

Tgt Ion: 252 Resp: 825241
Ion Ratio Lower Upper
252 100
253 23.1 18.0 27.0
125 8.8 7.0 10.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

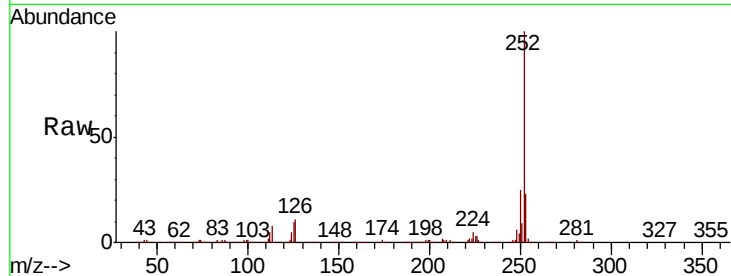




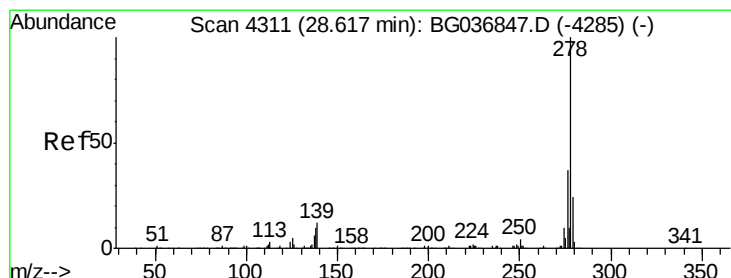
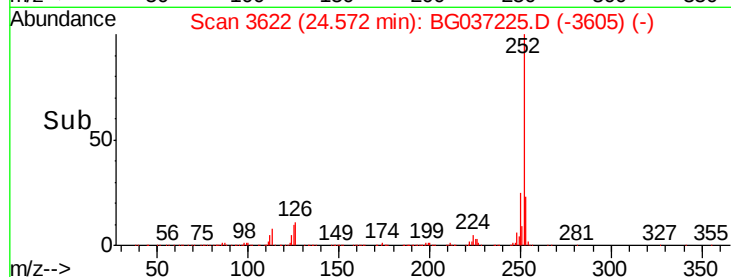
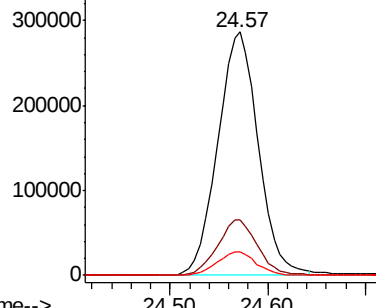
#89
Benzo(a)pyrene
Concen: 49.523 ng
RT: 24.57 min Scan# 3622
Delta R.T. 0.00 min
Lab File: BG037225.D
Acq: 9 Oct 2018 20:07

Instrument :
BNA_G
ClientSampleId :
PHASE-3-SOILMSD

Tgt Ion:252 Resp: 832582
Ion Ratio Lower Upper
252 100
253 22.9 18.2 27.2
125 9.5 7.3 10.9

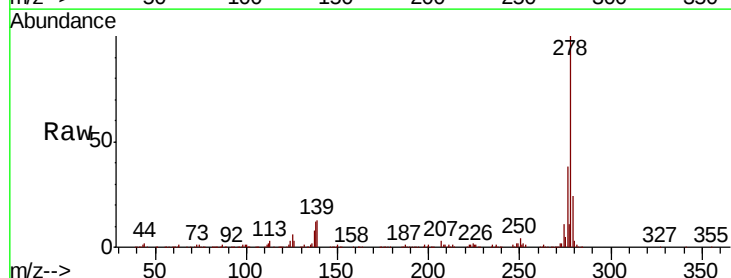


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

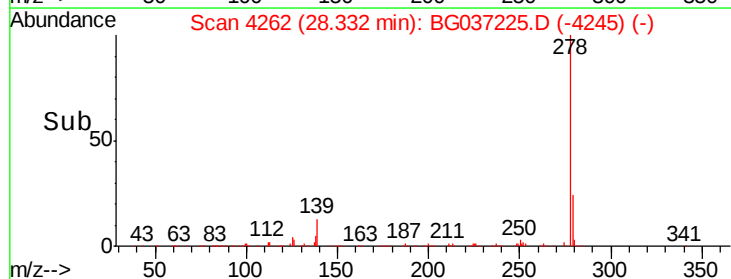
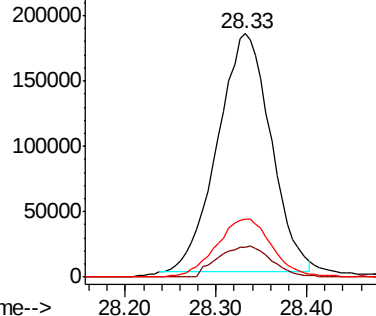


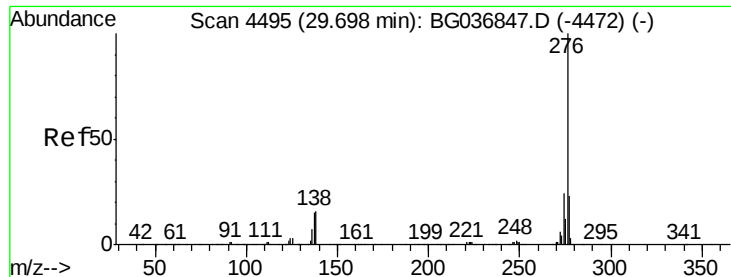
#90
Dibenzo(a,h)anthracene
Concen: 47.195 ng
RT: 28.33 min Scan# 4262
Delta R.T. 0.00 min
Lab File: BG037225.D
Acq: 9 Oct 2018 20:07

Tgt Ion:278 Resp: 743616
Ion Ratio Lower Upper
278 100
139 12.5 11.0 16.4
279 24.0 18.7 28.1



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 46.410 ng

RT: 29.38 min Scan# 4441

Delta R.T. -0.00 min

Lab File: BG037225.D

Acq: 9 Oct 2018 20:07

Instrument :

BNA_G

ClientSampleId :

PHASE-3-SOILMSD

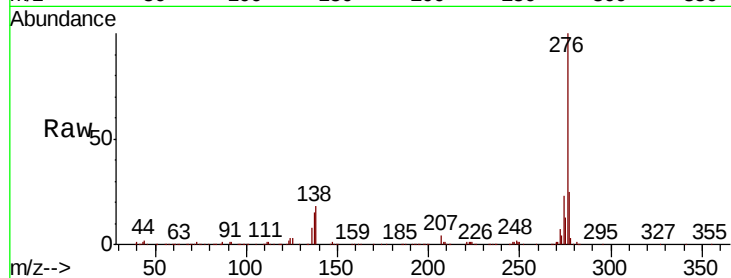
Tgt Ion: 276 Resp: 733888

Ion Ratio Lower Upper

276 100

277 24.6 18.4 27.6

138 17.6 14.6 22.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

