

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100918\
 Data File : BG037224.D
 Acq On : 9 Oct 2018 19:28
 Operator : JU/SJ
 Sample : J5270-08MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PHASE-3-SOILMS

Quant Time: Oct 10 07:04:57 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	41958	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	167007	20.00	ng	0.00
38) Acenaphthene-d10	14.58	164	106283	20.00	ng	0.00
63) Phenanthrene-d10	17.33	188	276525	20.00	ng	0.00
75) Chrysene-d12	21.59	240	291907	20.00	ng	0.00
86) Perylene-d12	24.71	264	300029	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	266359	121.75	ng	0.00
7) Phenol-d6	7.12	99	338461	99.99	ng	0.00
23) Nitrobenzene-d5	9.11	82	263773	84.58	ng	0.00
41) 2,4,6-Tribromophenol	16.08	330	167665	131.85	ng	0.00
44) 2-Fluorobiphenyl	13.21	172	559088	78.35	ng	0.00
78) Terphenyl-d14	19.94	244	1035023	93.23	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.41	88	40430	40.385	ng	# 89
3) Pyridine	3.82	79	100661	34.823	ng	98
4) n-Nitrosodimethylamine	3.73	42	55979	43.571	ng	# 91
6) Aniline	7.28	93	75498	17.189	ng	99
8) 2-Chlorophenol	7.51	128	113445	44.657	ng	98
9) Benzaldehyde	7.09	77	60285	26.952	ng	92
10) Phenol	7.14	94	132855	38.030	ng	98
11) bis(2-Chloroethyl)ether	7.37	93	111292	34.440	ng	99
12) 1,3-Dichlorobenzene	7.84	146	122663	39.385	ng	98
13) 1,4-Dichlorobenzene	7.98	146	122387	38.400	ng	98
14) 1,2-Dichlorobenzene	8.30	146	122962	39.812	ng	99
15) Benzyl Alcohol	8.19	79	103753	37.775	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.48	45	231844	37.370	ng	97
17) 2-Methylphenol	8.40	107	99487	40.884	ng	98
18) Hexachloroethane	9.03	117	50139	42.749	ng	94
19) n-Nitroso-di-n-propylamine	8.75	70	102251	36.312	ng	95
20) 3+4-Methylphenols	8.73	107	131529	38.853	ng	98
22) Acetophenone	8.77	105	183096	46.653	ng	98
24) Nitrobenzene	9.15	77	147818	44.384	ng	99
25) Isophorone	9.67	82	287734	50.493	ng	100
26) 2-Nitrophenol	9.87	139	62242	46.887	ng	99
27) 2,4-Dimethylphenol	9.92	122	107450	51.962	ng	98
28) bis(2-Chloroethoxy)methane	10.16	93	156495	44.506	ng	99
29) 2,4-Dichlorophenol	10.41	162	113365	47.292	ng	93
30) 1,2,4-Trichlorobenzene	10.62	180	126802	42.270	ng	97
31) Naphthalene	10.81	128	382160	48.093	ng	98
32) Benzoic acid	9.92	122	80089	50.242	ng	# 14
33) 4-Chloroaniline	10.93	127	12818	3.548	ng	99
34) Hexachlorobutadiene	11.09	225	85906	41.410	ng	92
35) Caprolactam	11.72	113	31894	32.327	ng	97
36) 4-Chloro-3-methylphenol	12.04	107	135025	47.208	ng	96
37) 2-Methylnaphthalene	12.41	142	279110	46.118	ng	96
39) 1,2,4,5-Tetrachlorobenzene	12.78	216	157016	42.357	ng	98
40) Hexachlorocyclopentadiene	12.76	237	183121	96.051	ng	95

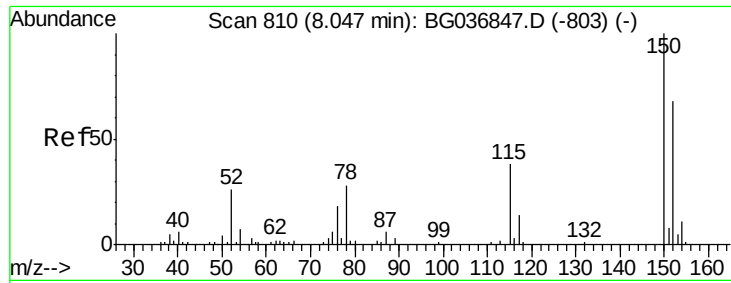
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100918\
 Data File : BG037224.D
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 QLast Update : Wed Oct 10 06:57:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.02	196	103799	50.425	ng	97
43) 2,4,5-Trichlorophenol	13.09	196	102757	46.814	ng	96
45) 1,1'-Biphenyl	13.42	154	362570	44.543	ng	98
46) 2-Chloronaphthalene	13.46	162	279481	43.660	ng	98
47) 2-Nitroaniline	13.67	65	104216	47.070	ng	96
48) Acenaphthylene	14.31	152	476652	47.519	ng	99
49) Dimethylphthalate	14.04	163	386188	45.141	ng	99
50) 2,6-Dinitrotoluene	14.16	165	86366	46.270	ng	97
51) Acenaphthene	14.65	154	269594	44.470	ng	97
52) 3-Nitroaniline	14.50	138	26685	13.567	ng	93
53) 2,4-Dinitrophenol	14.71	184	27567	36.150	ng	89
54) Dibenzofuran	14.98	168	450421	43.925	ng	100
55) 4-Nitrophenol	14.81	139	108803	86.590	ng	95
56) 2,4-Dinitrotoluene	14.95	165	119841	46.012	ng	94
57) Fluorene	15.63	166	365490	47.687	ng	96
58) 2,3,4,6-Tetrachlorophenol	15.21	232	102583	46.070	ng	99
59) Diethylphthalate	15.41	149	394257	45.692	ng	99
60) 4-Chlorophenyl-phenylether	15.63	204	198732	40.943	ng	98
61) 4-Nitroaniline	15.66	138	93904	45.388	ng	99
62) Azobenzene	15.92	77	383949	46.310	ng	98
64) 4,6-Dinitro-2-methylphenol	15.72	198	40938	28.317	ng	100
65) n-Nitrosodiphenylamine	15.84	169	332101	43.502	ng	97
66) 4-Bromophenyl-phenylether	16.52	248	129979	41.325	ng	98
67) Hexachlorobenzene	16.64	284	133562	41.230	ng	97
68) Atrazine	16.79	200	148787	48.134	ng	99
69) Pentachlorophenol	16.99	266	63779	31.271	ng	98
70) Phenanthrene	17.37	178	643721	48.307	ng	98
71) Anthracene	17.47	178	642842	48.787	ng	98
72) Carbazole	17.74	167	598109	46.556	ng	98
73) Di-n-butylphthalate	18.29	149	713874	50.036	ng	100
74) Fluoranthene	19.38	202	807288	50.329	ng	99
76) Benzidine	19.57	184	62248	7.054	ng	98
77) Pyrene	19.74	202	805772	46.000	ng	100
79) Butylbenzylphthalate	20.63	149	343526	49.201	ng	96
80) Benzo(a)anthracene	21.57	228	798969	46.888	ng	99
81) 3,3'-Dichlorobenzidine	21.49	252	102148	15.749	ng	97
82) Chrysene	21.63	228	743151	45.138	ng	99
83) Bis(2-ethylhexyl)phthalate	21.47	149	475922	48.793	ng	98
84) Di-n-octyl phthalate	22.66	149	801243	49.892	ng	98
85) Indeno(1,2,3-cd)pyrene	28.27	276	798628	45.172	ng	# 95
87) Benzo(b)fluoranthene	23.73	252	763719	47.764	ng	97
88) Benzo(k)fluoranthene	23.79	252	746452	46.533	ng	100
89) Benzo(a)pyrene	24.57	252	752503	48.680	ng	100
90) Dibenzo(a,h)anthracene	28.33	278	667644	46.084	ng	97
91) Benzo(g,h,i)perylene	29.39	276	651535	44.811	ng	98

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

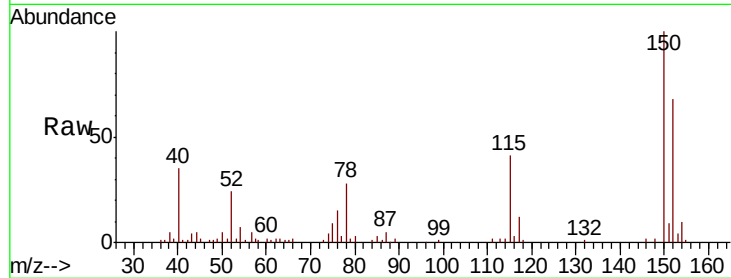


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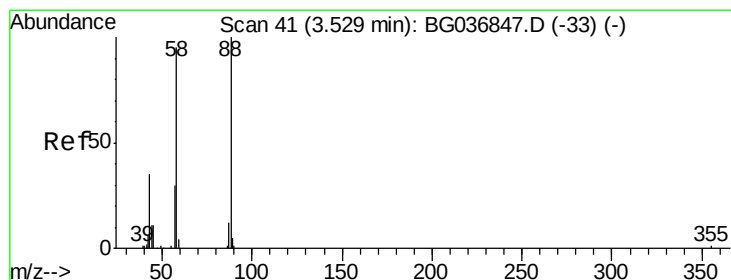
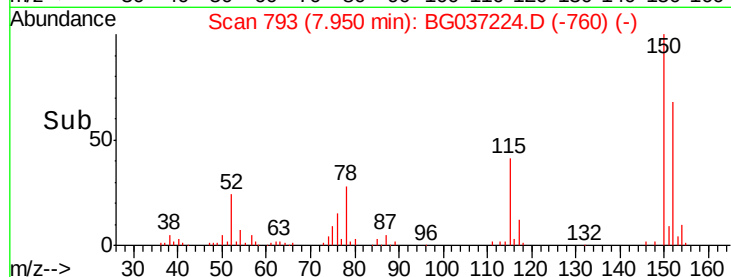
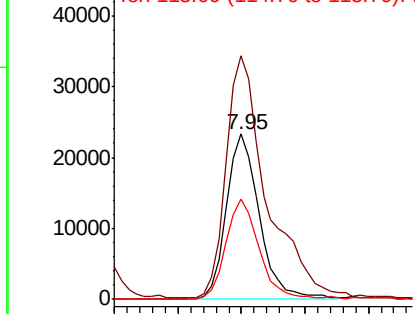
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 793
Delta R.T. -0.00 min
Lab File: BG037224.D
Acq: 9 Oct 2018 19:28

Instrument :
BNA_G
ClientSampleId :
PHASE-3-SOILMS

Tgt Ion:152 Resp: 41958
Ion Ratio Lower Upper
152 100
150 147.5 119.5 179.3
115 61.0 44.5 66.7



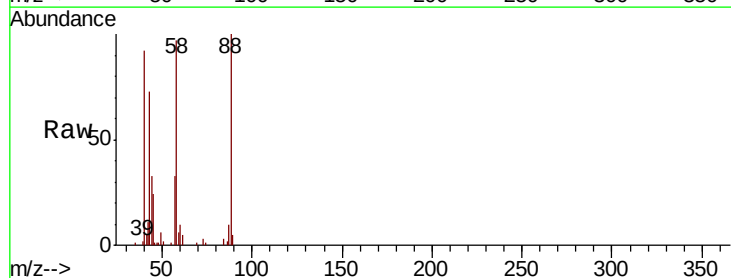
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



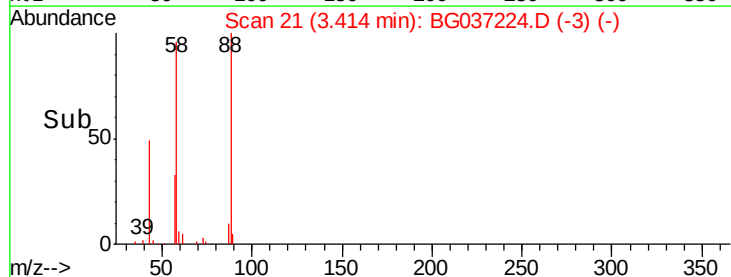
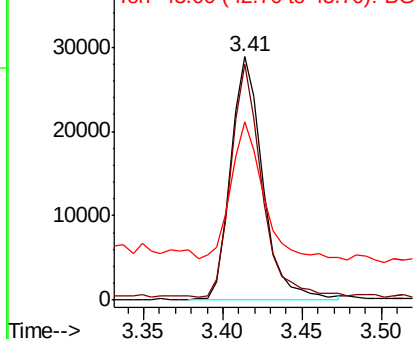
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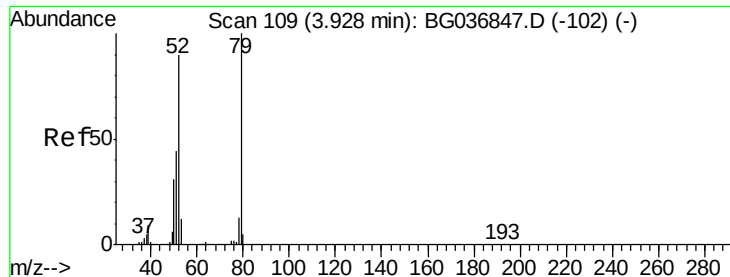
1,4-Dioxane
Concen: 40.385 ng
RT: 3.41 min Scan# 21
Delta R.T. 0.01 min
Lab File: BG037224.D
Acq: 9 Oct 2018 19:28

Tgt Ion: 88 Resp: 40430
Ion Ratio Lower Upper
88 100
58 91.1 72.6 109.0
43 58.1 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: 34.823 ng

RT: 3.82 min Scan# 90

Delta R.T. 0.01 min

Lab File: BG037224.D

Acq: 9 Oct 2018 19:28

Instrument :

BNA_G

ClientSampleId :

PHASE-3-SOILMS

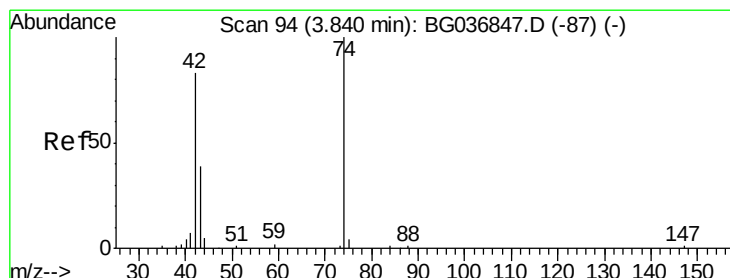
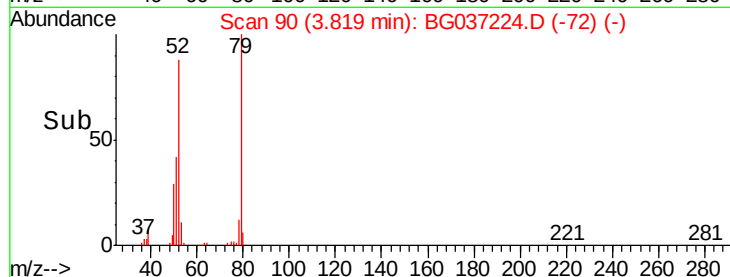
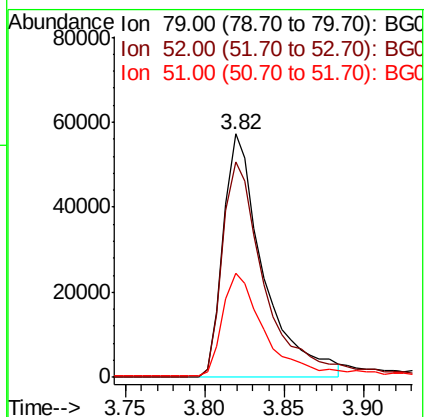
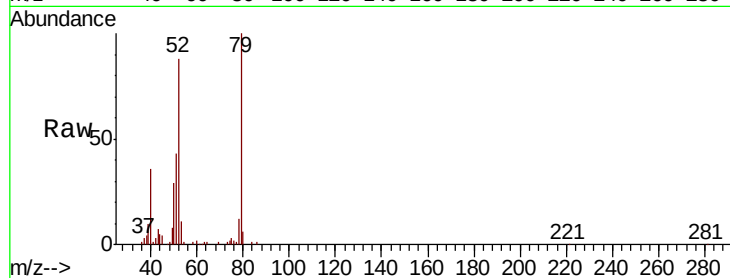
Tgt Ion: 79 Resp: 100661

Ion Ratio Lower Upper

79 100

52 88.4 72.3 108.5

51 42.8 33.8 50.6



#4

n-Nitrosodimethylamine

Concen: 43.571 ng

RT: 3.73 min Scan# 74

Delta R.T. -0.00 min

Lab File: BG037224.D

Acq: 9 Oct 2018 19:28

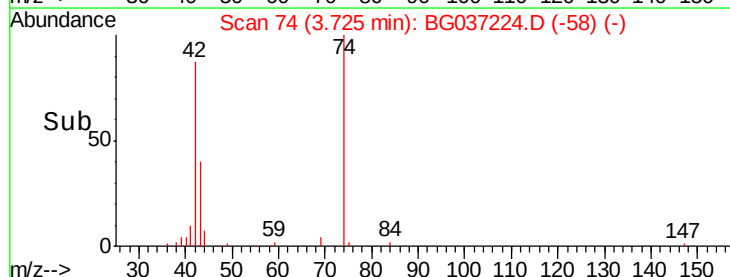
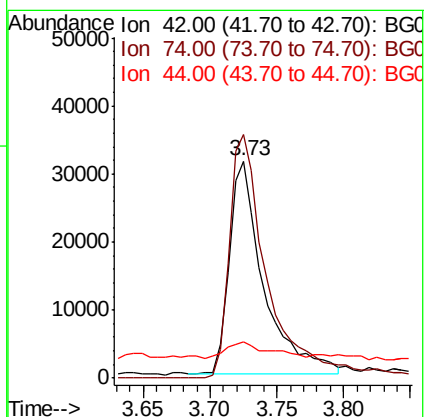
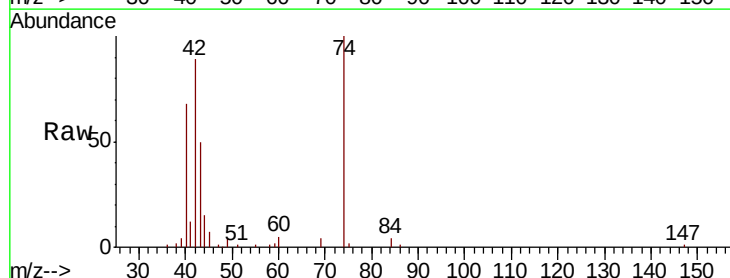
Tgt Ion: 42 Resp: 55979

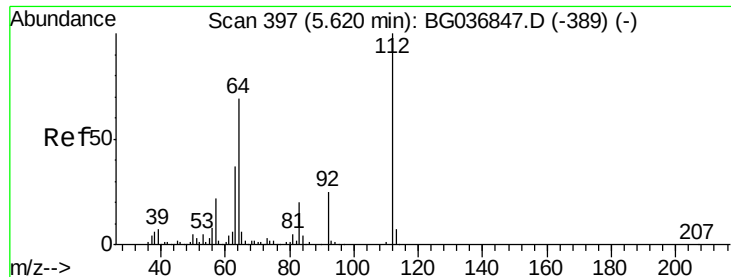
Ion Ratio Lower Upper

42 100

74 112.3 96.6 145.0

44 17.0 7.0 10.4#





#5

2-Fluorophenol

Concen: 121.745 ng

RT: 5.52 min Scan# 380

Delta R.T. 0.01 min

Lab File: BG037224.D

Acq: 9 Oct 2018 19:28

Instrument :

BNA_G

ClientSampleId :

PHASE-3-SOILMS

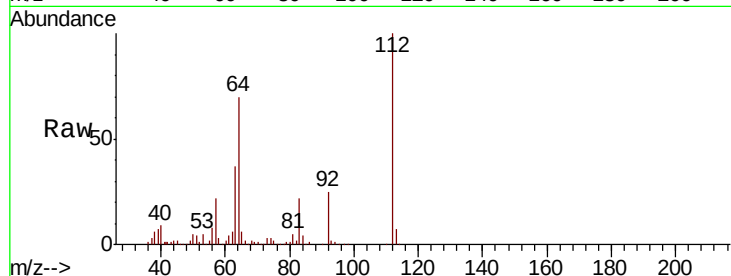
Tgt Ion:112 Resp: 266359

Ion Ratio Lower Upper

112 100

64 69.7 57.2 85.8

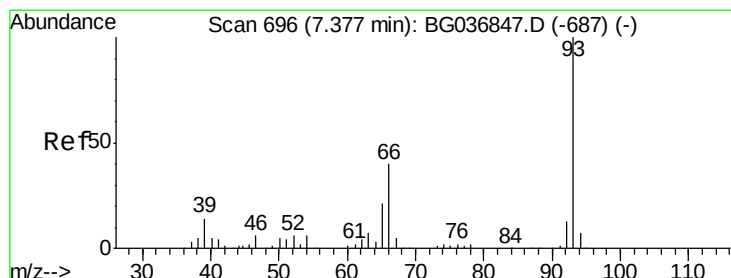
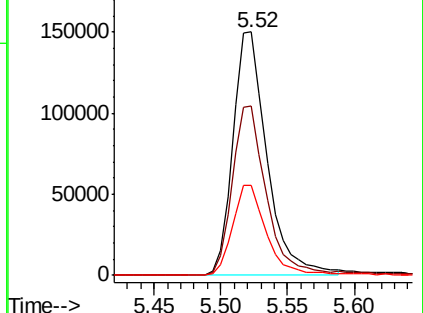
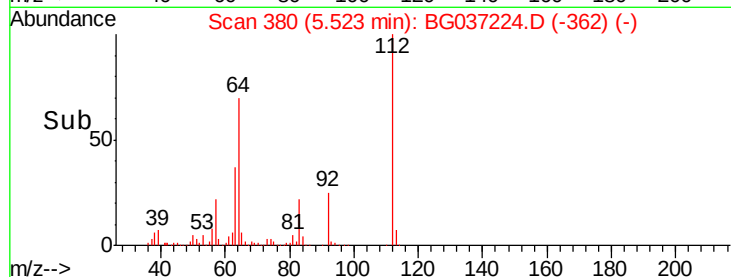
63 37.1 30.8 46.2



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: 17.189 ng

RT: 7.28 min Scan# 679

Delta R.T. 0.00 min

Lab File: BG037224.D

Acq: 9 Oct 2018 19:28

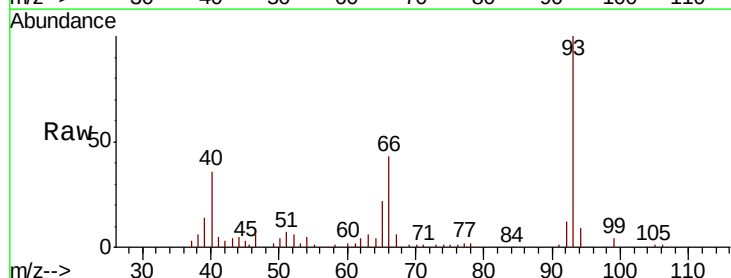
Tgt Ion: 93 Resp: 75498

Ion Ratio Lower Upper

93 100

66 43.1 35.0 52.4

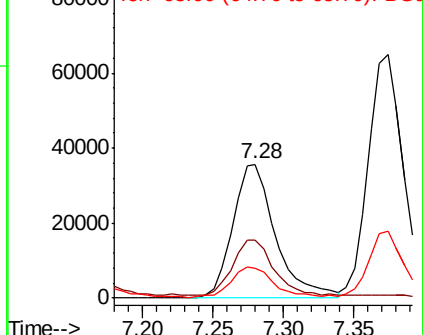
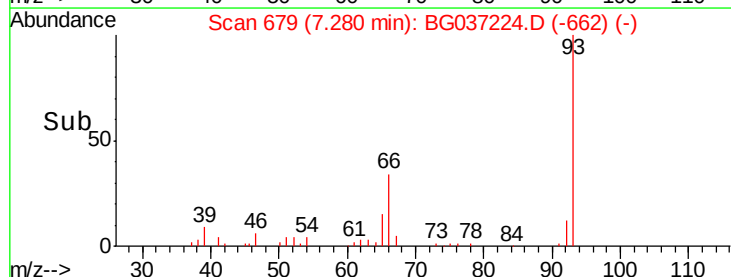
65 22.0 17.6 26.4

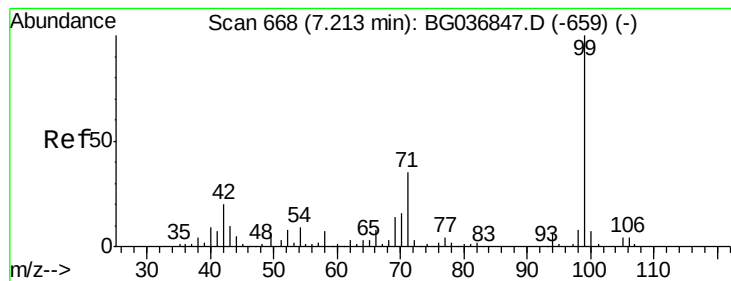


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 99.990 ng

RT: 7.12 min Scan# 651

Delta R.T. 0.00 min

Lab File: BG037224.D

Acq: 9 Oct 2018 19:28

Instrument :

BNA_G

ClientSampleId :

PHASE-3-SOILMS

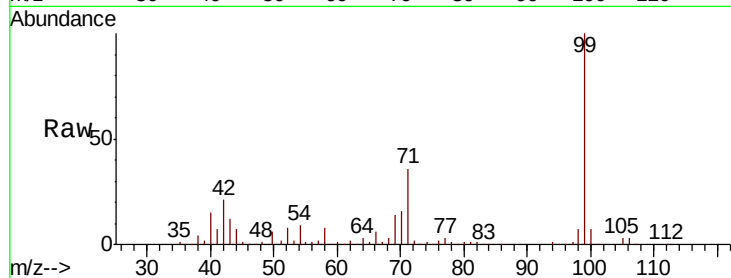
Tgt Ion: 99 Resp: 338461

Ion Ratio Lower Upper

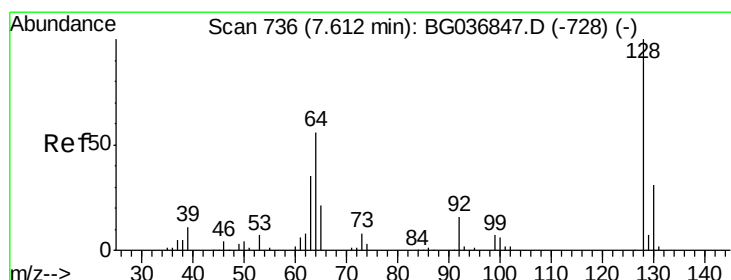
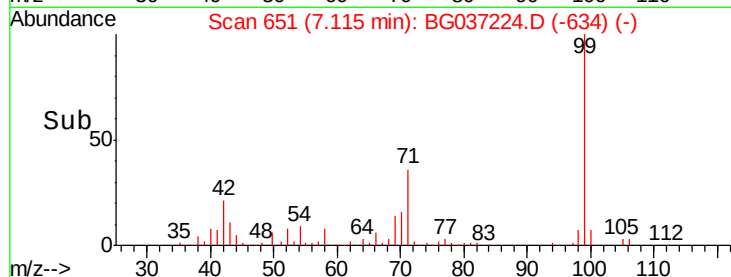
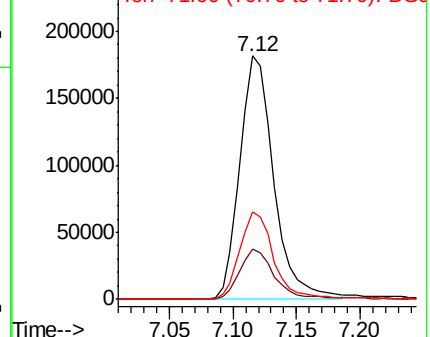
99 100

42 20.8 16.5 24.7

71 35.9 29.4 44.2



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 44.657 ng

RT: 7.51 min Scan# 719

Delta R.T. 0.00 min

Lab File: BG037224.D

Acq: 9 Oct 2018 19:28

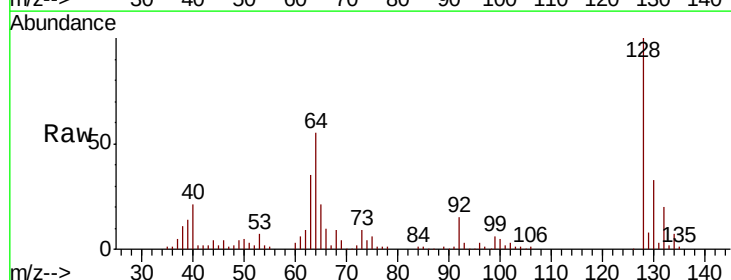
Tgt Ion: 128 Resp: 113445

Ion Ratio Lower Upper

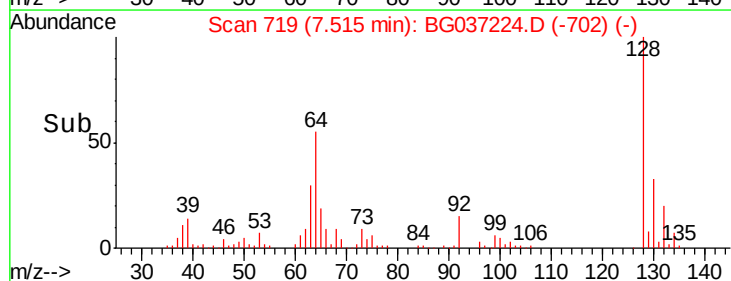
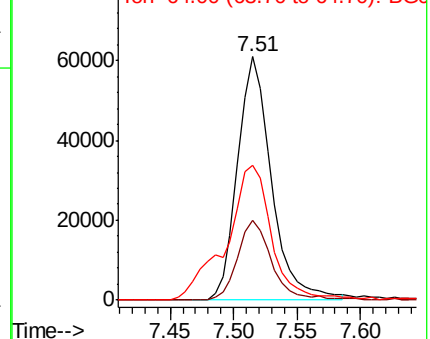
128 100

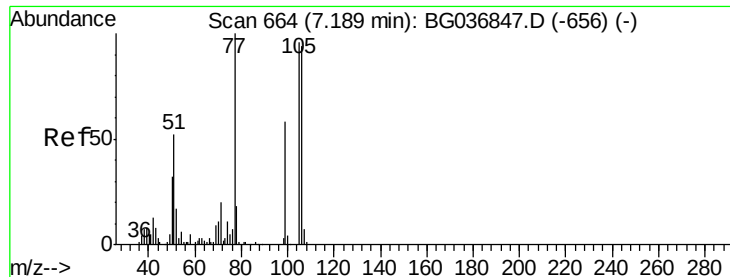
130 32.7 10.0 50.0

64 55.4 36.0 76.0



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





#9

Benzaldehyde

Concen: 26.952 ng

RT: 7.09 min Scan# 646

Delta R.T. -0.00 min

Lab File: BG037224.D

Acq: 9 Oct 2018 19:28

Instrument :

BNA_G

ClientSampleId :

PHASE-3-SOILMS

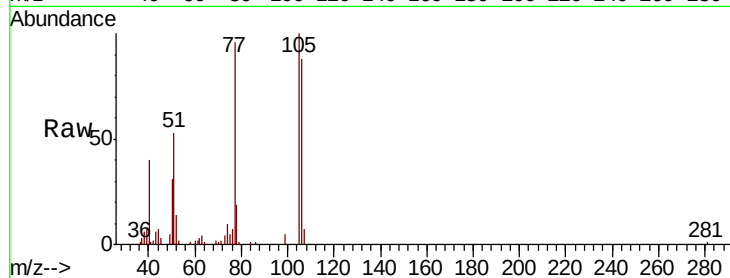
Tgt Ion: 77 Resp: 60285

Ion Ratio Lower Upper

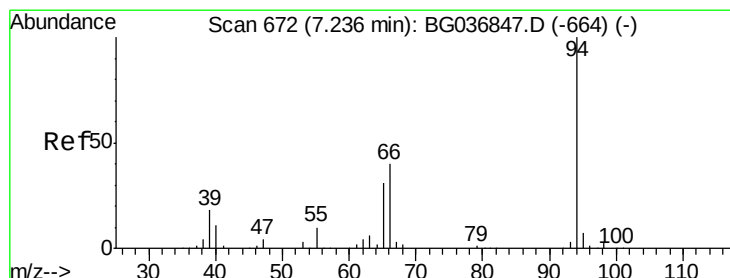
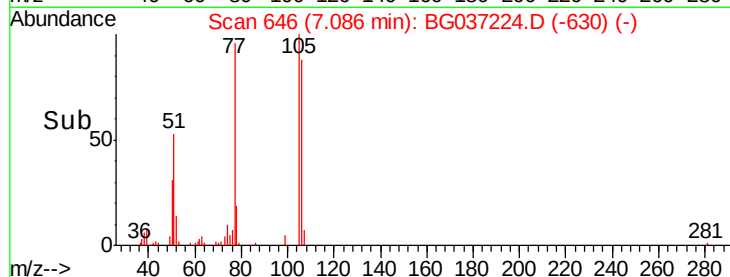
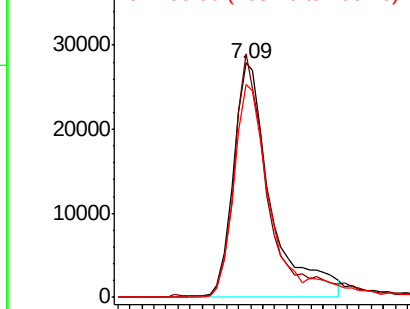
77 100

105 103.8 70.5 110.5

106 90.8 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: 38.030 ng

RT: 7.14 min Scan# 656

Delta R.T. 0.00 min

Lab File: BG037224.D

Acq: 9 Oct 2018 19:28

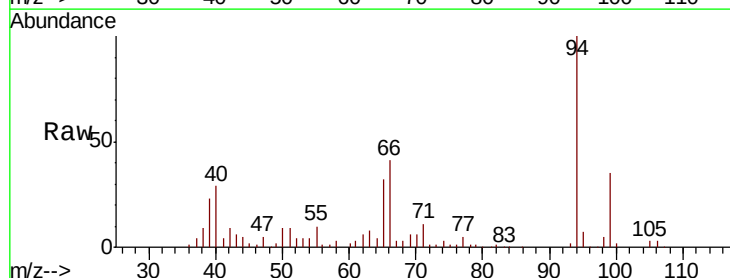
Tgt Ion: 94 Resp: 132855

Ion Ratio Lower Upper

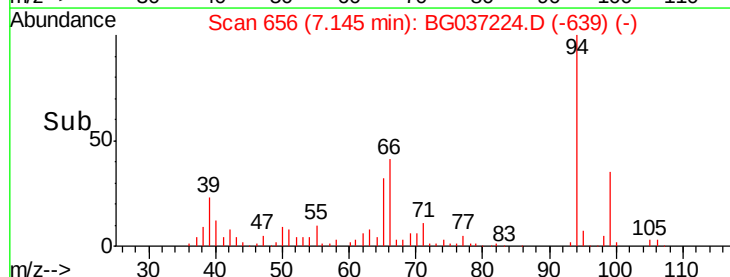
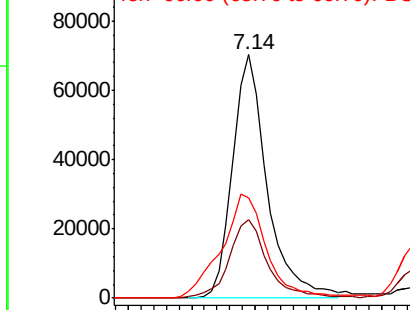
94 100

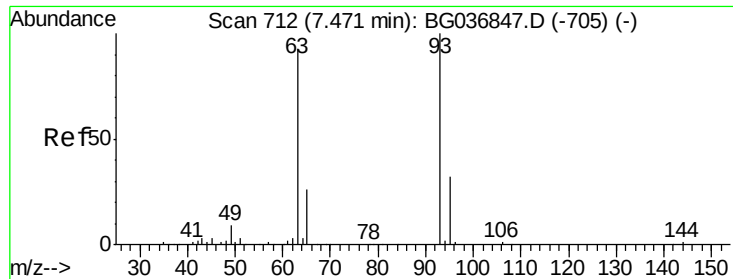
65 32.3 11.5 51.5

66 41.0 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

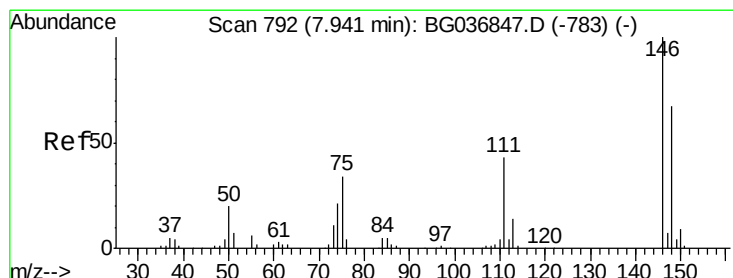
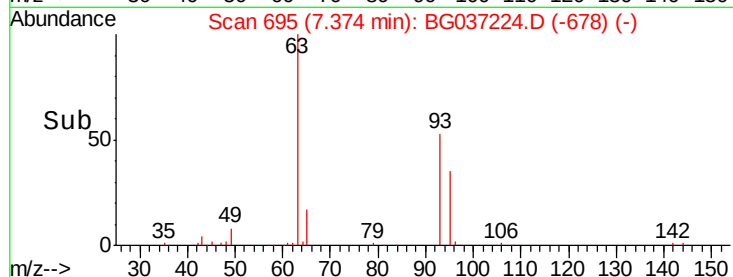
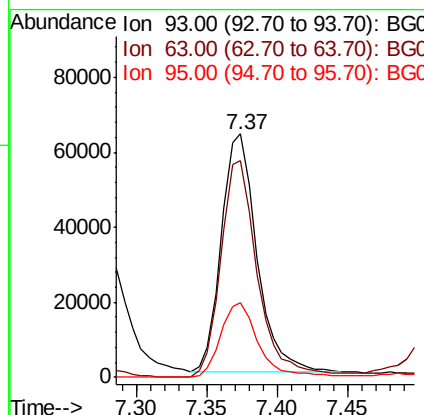
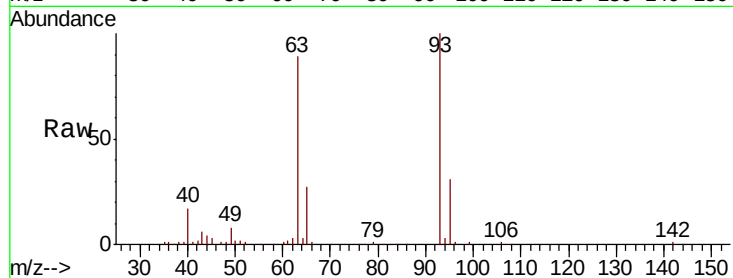




#11
bis(2-Chloroethyl)ether
Concen: 34.440 ng
RT: 7.37 min Scan# 695
Delta R.T. 0.00 min
Lab File: BG037224.D
Acq: 9 Oct 2018 19:28

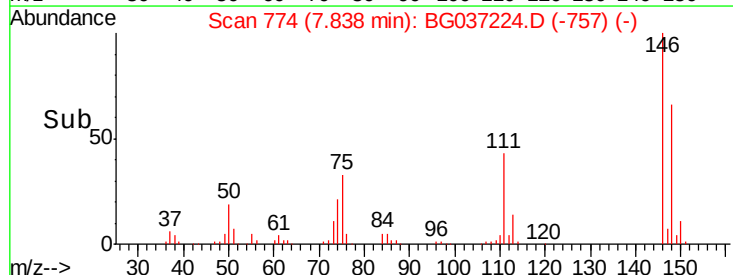
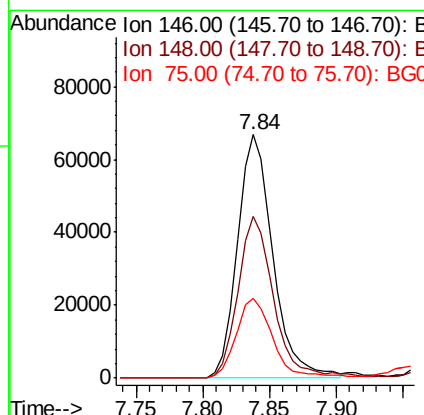
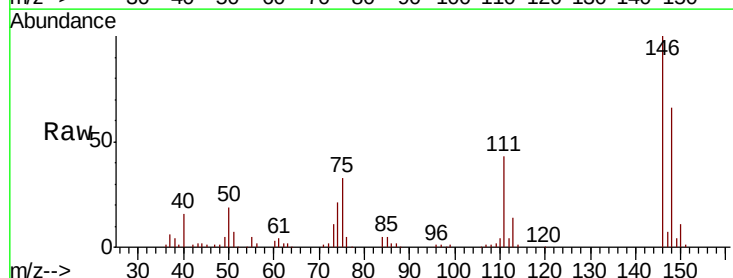
Instrument :
BNA_G
ClientSampleId :
PHASE-3-SOILMS

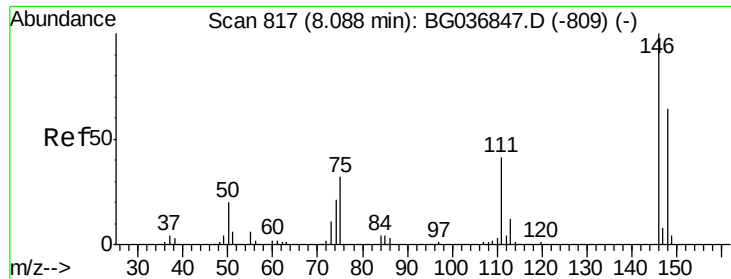
Tgt Ion: 93 Resp: 111292
Ion Ratio Lower Upper
93 100
63 89.0 69.9 109.9
95 30.5 11.7 51.7



#12
1,3-Dichlorobenzene
Concen: 39.385 ng
RT: 7.84 min Scan# 774
Delta R.T. 0.00 min
Lab File: BG037224.D
Acq: 9 Oct 2018 19:28

Tgt Ion: 146 Resp: 122663
Ion Ratio Lower Upper
146 100
148 66.3 53.8 80.6
75 32.6 27.2 40.8





#13

1,4-Dichlorobenzene

Concen: 38.400 ng

RT: 7.98 min Scan# 799

Delta R.T. 0.00 min

Lab File: BG037224.D

Acq: 9 Oct 2018 19:28

Instrument :

BNA_G

ClientSampleId :

PHASE-3-SOILMS

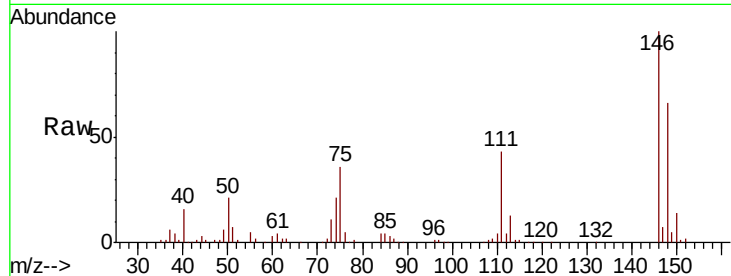
Tgt Ion:146 Resp: 122387

Ion Ratio Lower Upper

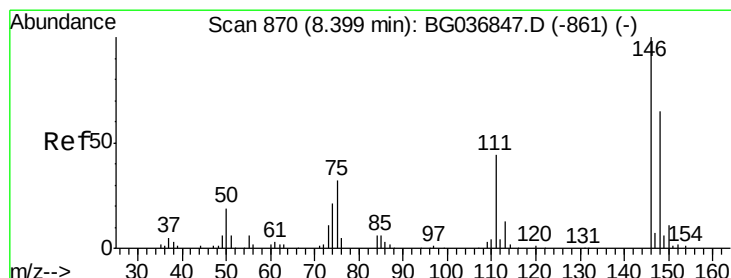
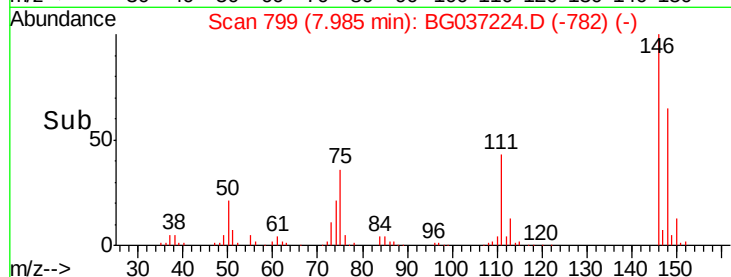
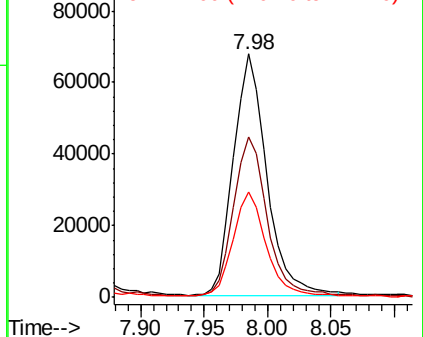
146 100

148 65.9 53.9 80.9

111 43.4 33.8 50.6



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



#14

1,2-Dichlorobenzene

Concen: 39.812 ng

RT: 8.30 min Scan# 853

Delta R.T. -0.00 min

Lab File: BG037224.D

Acq: 9 Oct 2018 19:28

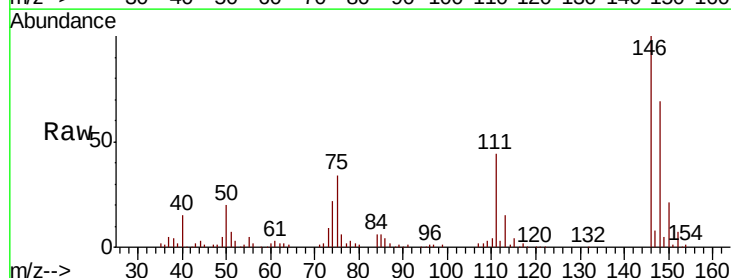
Tgt Ion:146 Resp: 122962

Ion Ratio Lower Upper

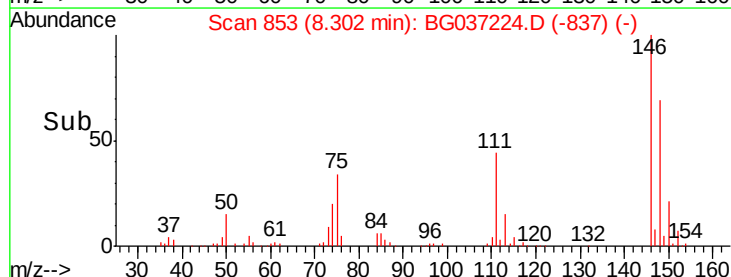
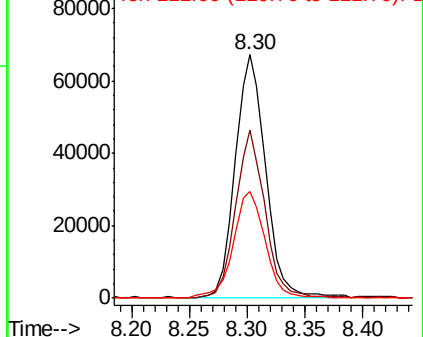
146 100

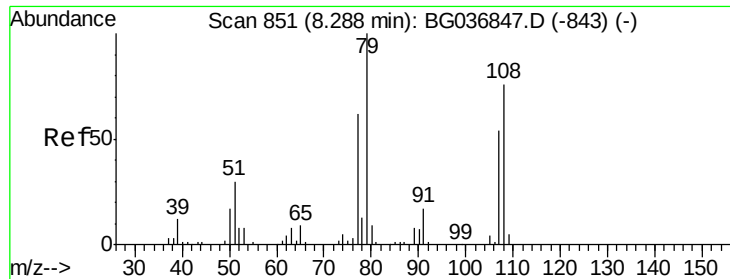
148 69.0 55.0 82.6

111 44.0 34.6 51.8



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





#15

Benzyl Alcohol

Concen: 37.775 ng

RT: 8.19 min Scan# 834

Delta R.T. 0.00 min

Lab File: BG037224.D

Acq: 9 Oct 2018 19:28

Instrument :

BNA_G

ClientSampleId :

PHASE-3-SOILMS

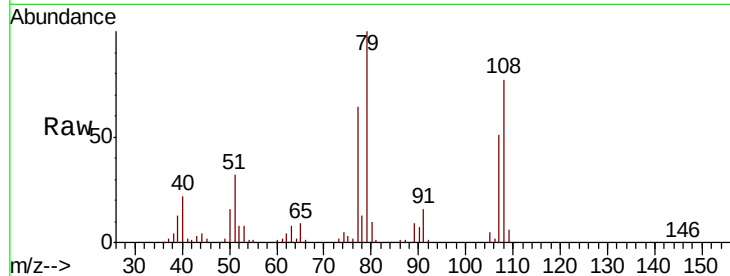
Tgt Ion: 79 Resp: 103753

Ion Ratio Lower Upper

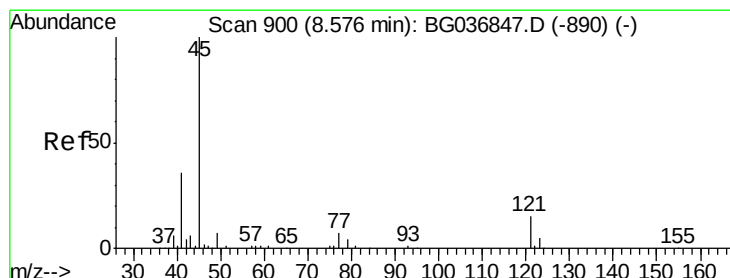
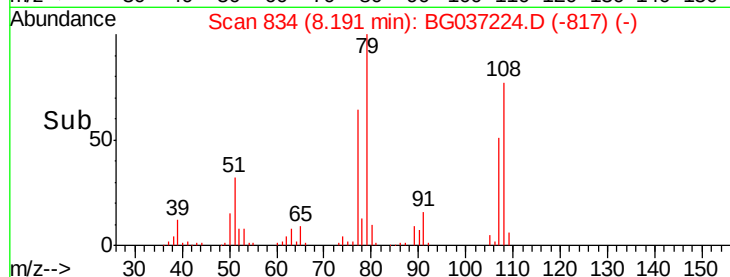
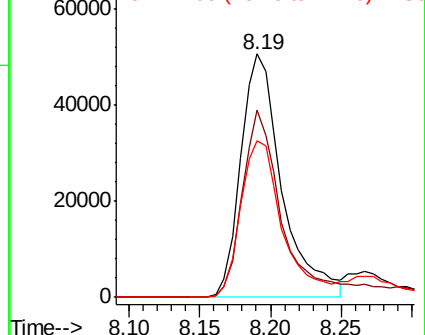
79 100

108 77.0 55.9 83.9

77 64.4 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: 37.370 ng

RT: 8.48 min Scan# 883

Delta R.T. 0.00 min

Lab File: BG037224.D

Acq: 9 Oct 2018 19:28

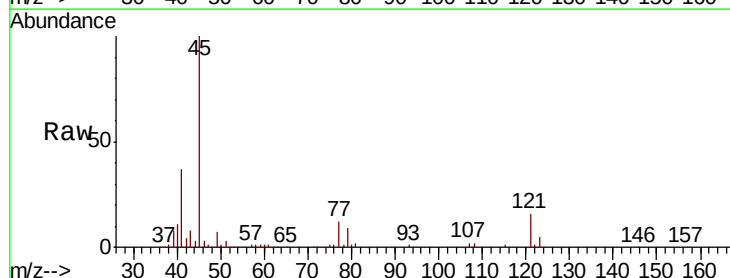
Tgt Ion: 45 Resp: 231844

Ion Ratio Lower Upper

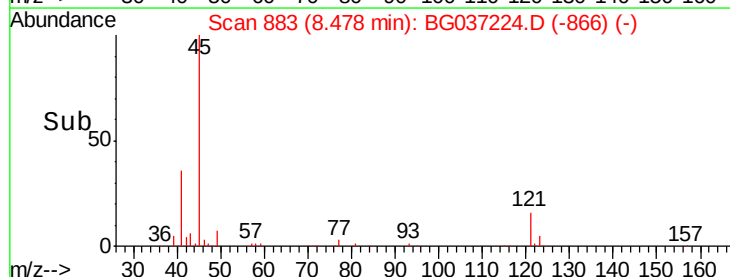
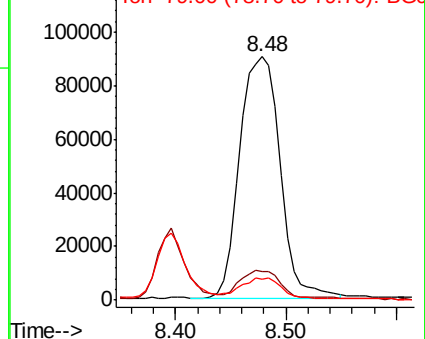
45 100

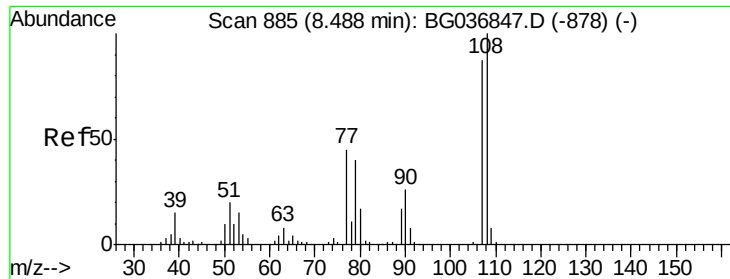
77 11.7 0.0 30.5

79 8.7 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

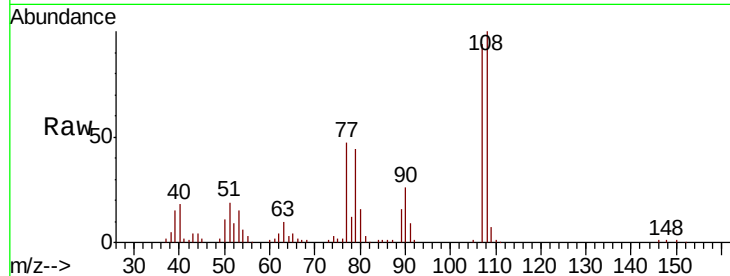




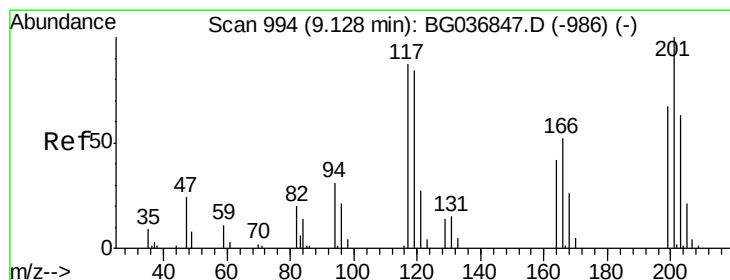
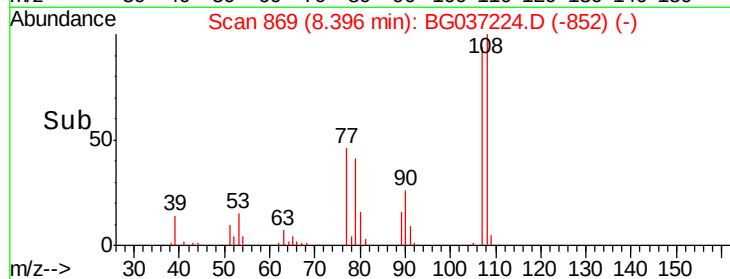
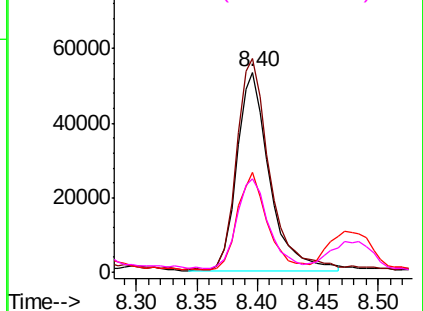
#17
2-Methylphenol
Concen: 40.884 ng
RT: 8.40 min Scan# 869
Delta R.T. 0.00 min
Lab File: BG037224.D
Acq: 9 Oct 2018 19:28

Instrument :
BNA_G
ClientSampleId :
PHASE-3-SOILMS

Tgt Ion:	107	Resp:	99487
Ion	Ratio	Lower	Upper
107	100		
108	106.8	86.7	130.1
77	50.2	39.0	58.4
79	46.6	36.6	54.8

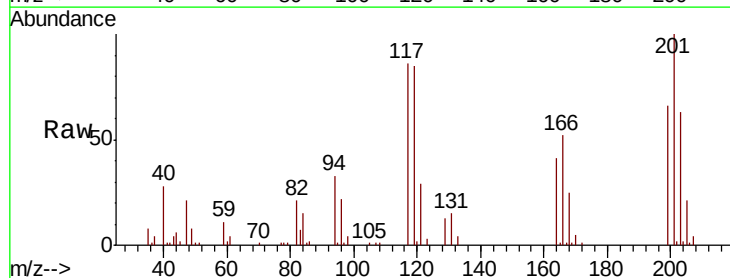


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

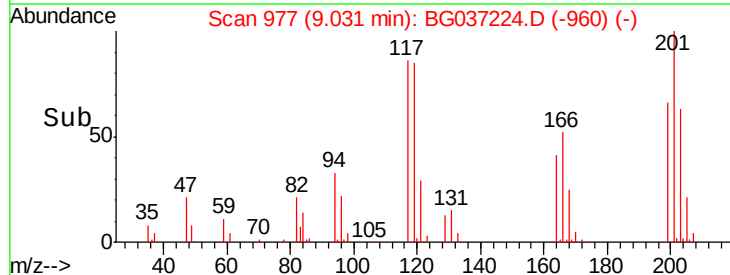
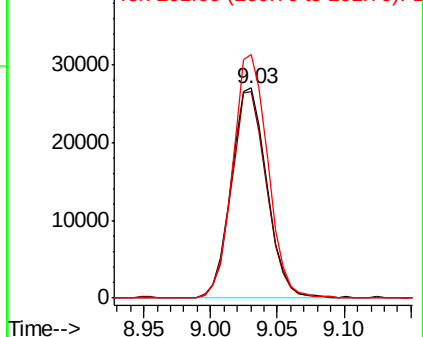


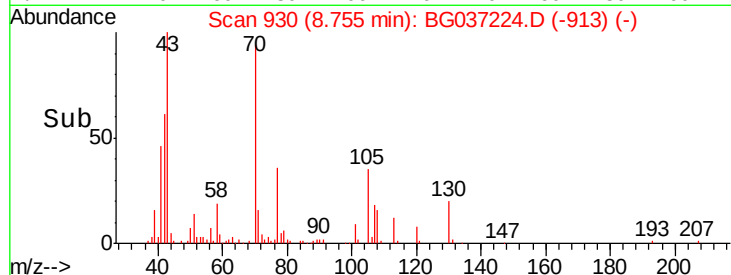
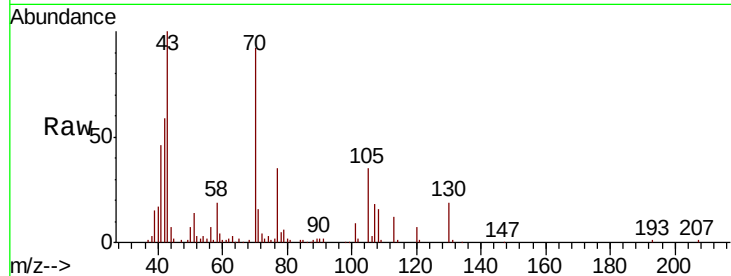
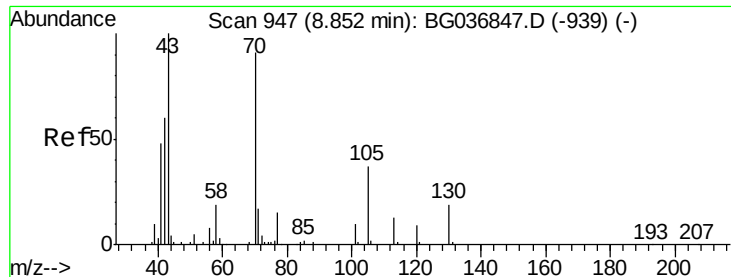
#18
Hexachloroethane
Concen: 42.749 ng
RT: 9.03 min Scan# 977
Delta R.T. 0.00 min
Lab File: BG037224.D
Acq: 9 Oct 2018 19:28

Tgt Ion:	117	Resp:	50139
Ion	Ratio	Lower	Upper
117	100		
119	98.1	76.8	115.2
201	116.0	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

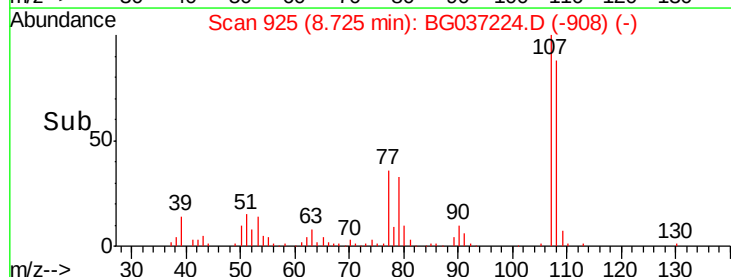
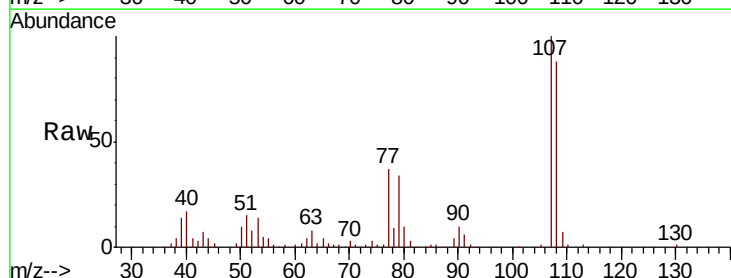
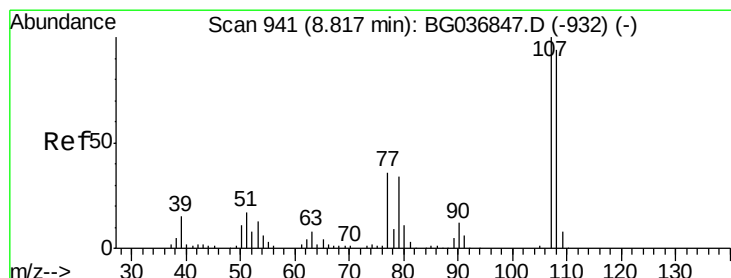
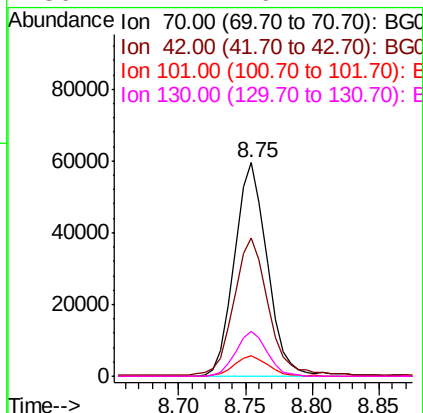




#19
n-Nitroso-di-n-propylamine
Concen: 36.312 ng
RT: 8.75 min Scan# 930
Delta R.T. 0.00 min
Lab File: BG037224.D
Acq: 9 Oct 2018 19:28

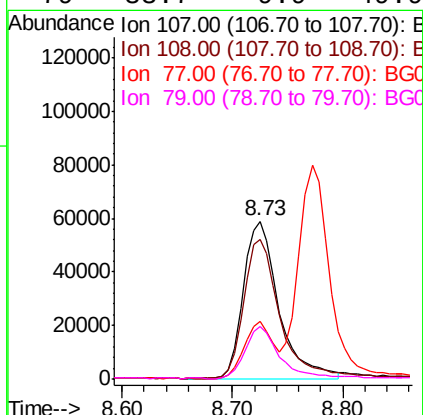
Instrument :
BNA_G
ClientSampleId :
PHASE-3-SOILMS

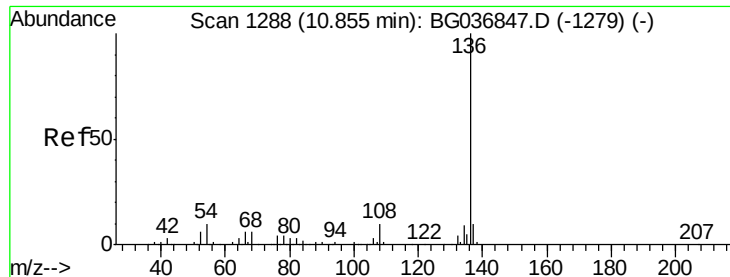
Tgt Ion:	70	Resp:	102251
Ion	Ratio	Lower	Upper
70	100		
42	64.8	56.2	84.4
101	9.6	7.8	11.6
130	21.2	16.2	24.2



#20
3+4-Methylphenols
Concen: 38.853 ng
RT: 8.73 min Scan# 925
Delta R.T. 0.00 min
Lab File: BG037224.D
Acq: 9 Oct 2018 19:28

Tgt Ion:	107	Resp:	131529
Ion	Ratio	Lower	Upper
107	100		
108	88.5	68.0	108.0
77	36.5	15.6	55.6
79	33.7	9.9	49.9

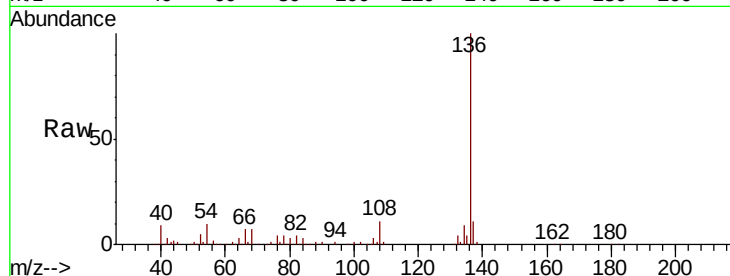




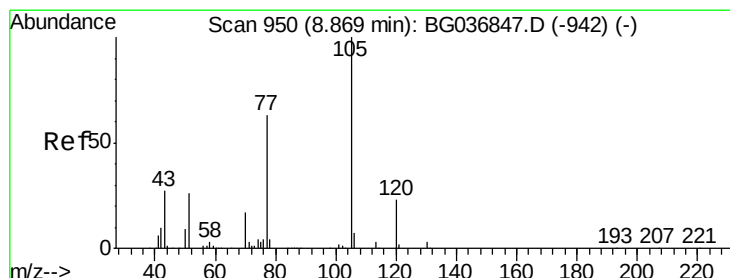
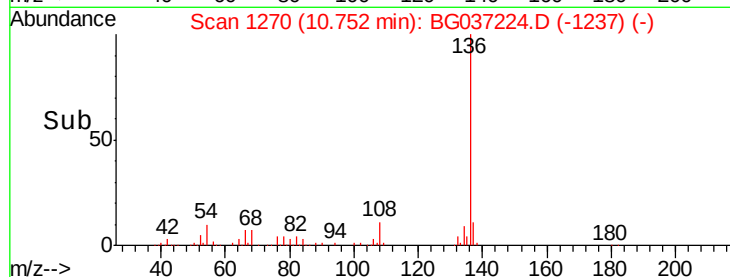
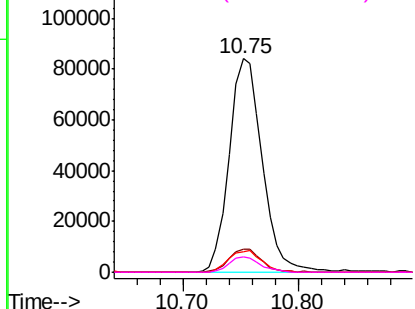
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1270
Delta R.T. -0.00 min
Lab File: BG037224.D
Acq: 9 Oct 2018 19:28

Instrument :
BNA_G
ClientSampleId :
PHASE-3-SOILMS

Tgt Ion:	136	Resp:	167007
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	9.8	9.2	13.8
68	7.1	5.8	8.6

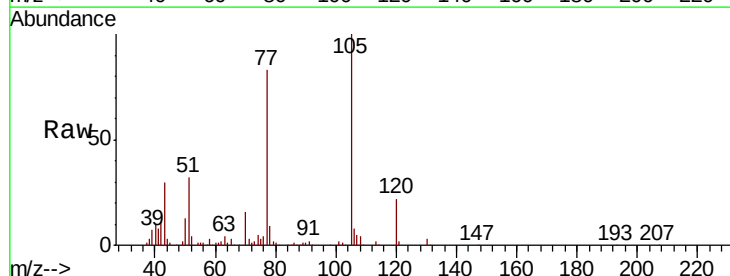


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

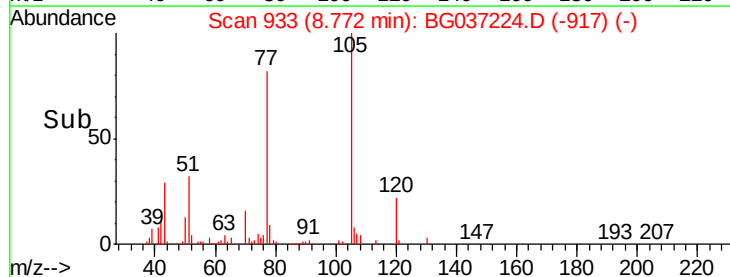
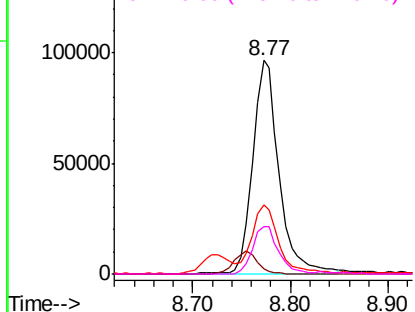


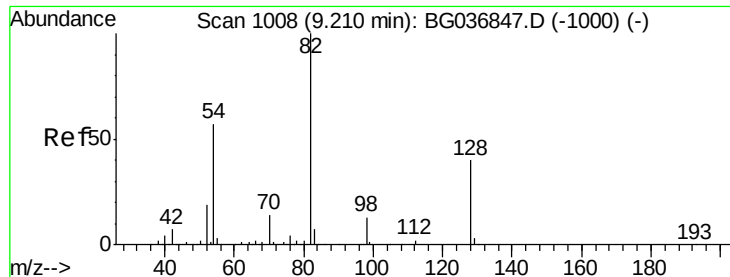
#22
Acetophenone
Concen: 46.653 ng
RT: 8.77 min Scan# 933
Delta R.T. -0.00 min
Lab File: BG037224.D
Acq: 9 Oct 2018 19:28

Tgt Ion:	105	Resp:	183096
Ion	Ratio	Lower	Upper
105	100		
71	2.5	2.4	3.6
51	32.3	25.9	38.9
120	22.5	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

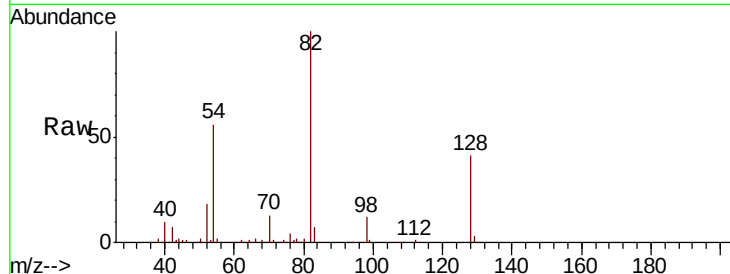




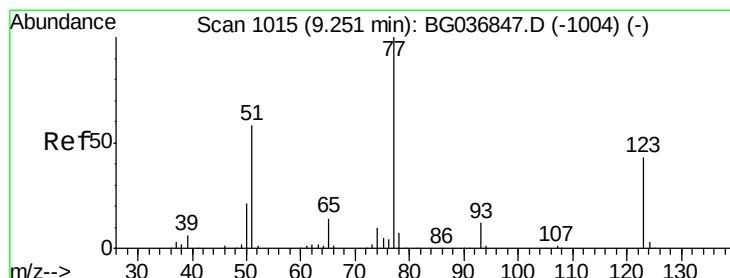
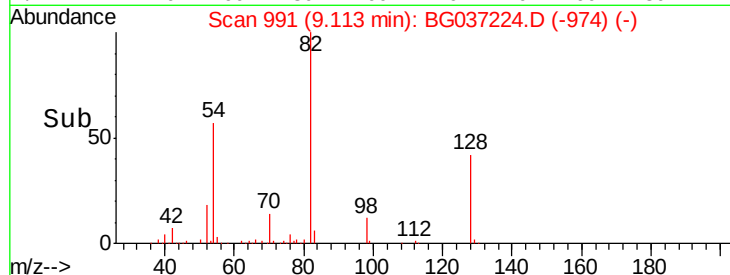
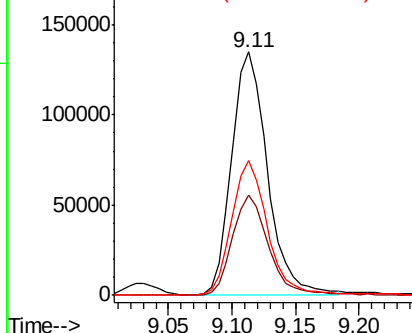
#23
Nitrobenzene-d5
Concen: 84.579 ng
RT: 9.11 min Scan# 991
Delta R.T. 0.00 min
Lab File: BG037224.D
Acq: 9 Oct 2018 19:28

Instrument :
BNA_G
ClientSampleId :
PHASE-3-SOILMS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.1	33.3	49.9
54	55.5	45.1	67.7

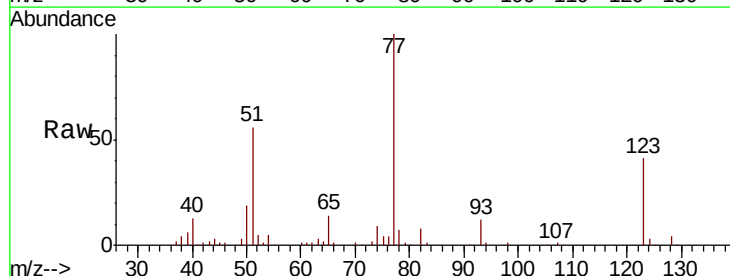


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

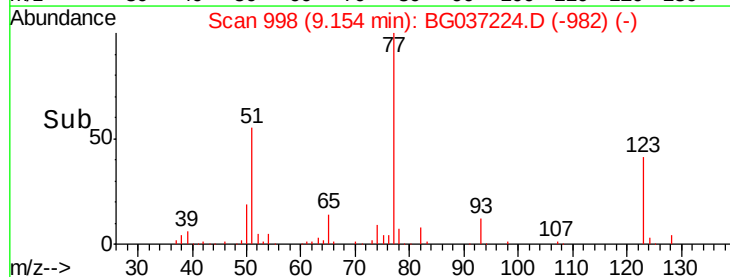
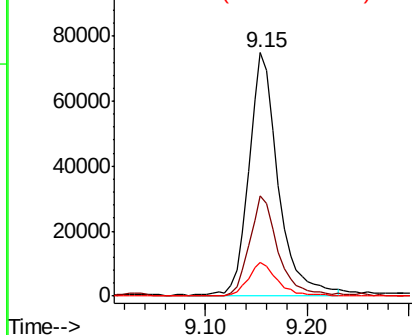


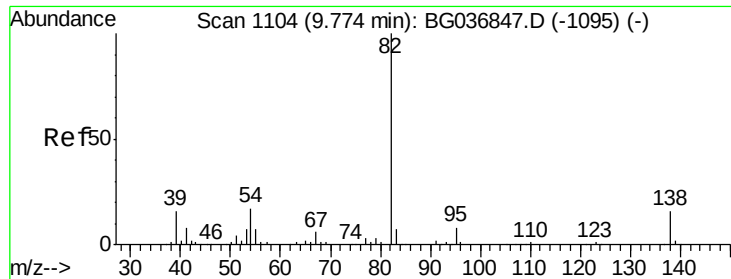
#24
Nitrobenzene
Concen: 44.384 ng
RT: 9.15 min Scan# 998
Delta R.T. -0.00 min
Lab File: BG037224.D
Acq: 9 Oct 2018 19:28

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.3	32.4	48.6
65	14.1	11.5	17.3



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





#25

Isophorone

Concen: 50.493 ng

RT: 9.67 min Scan# 1086

Delta R.T. -0.00 min

Lab File: BG037224.D

Acq: 9 Oct 2018 19:28

Instrument :

BNA_G

ClientSampleId :

PHASE-3-SOILMS

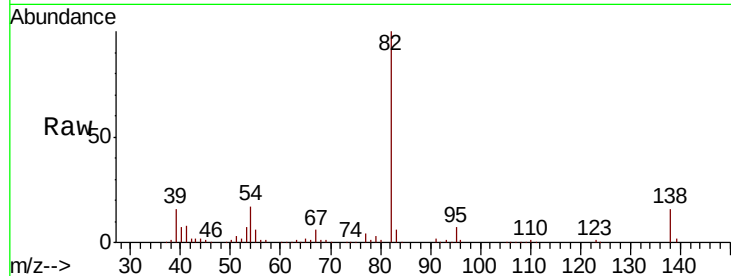
Tgt Ion: 82 Resp: 287734

Ion Ratio Lower Upper

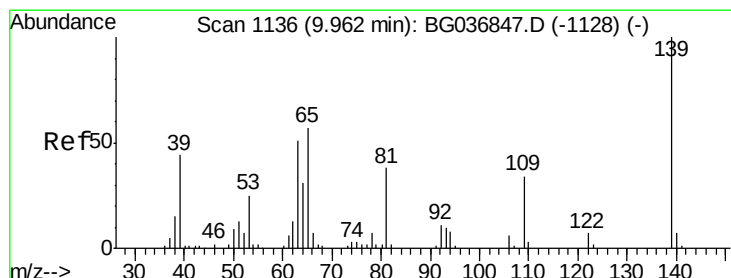
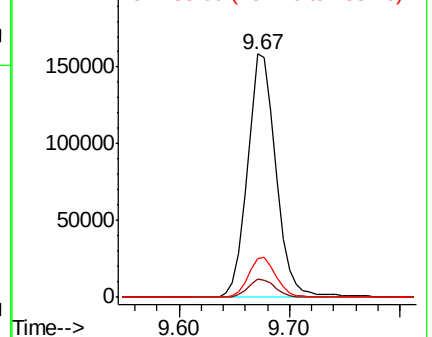
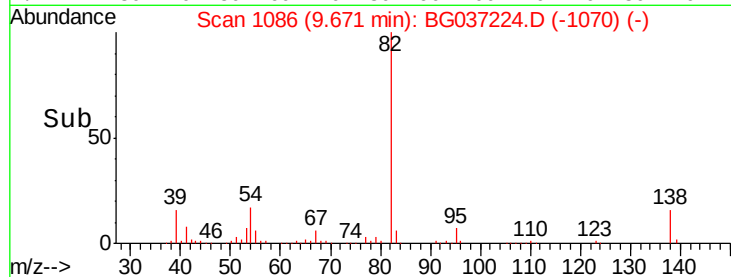
82 100

95 7.3 5.8 8.8

138 16.2 12.9 19.3



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 46.887 ng

RT: 9.87 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BG037224.D

Acq: 9 Oct 2018 19:28

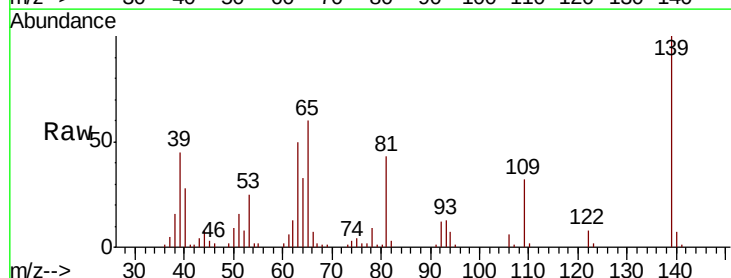
Tgt Ion: 139 Resp: 62242

Ion Ratio Lower Upper

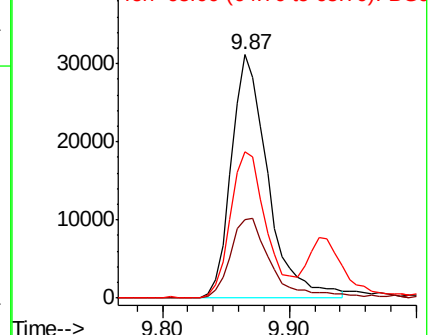
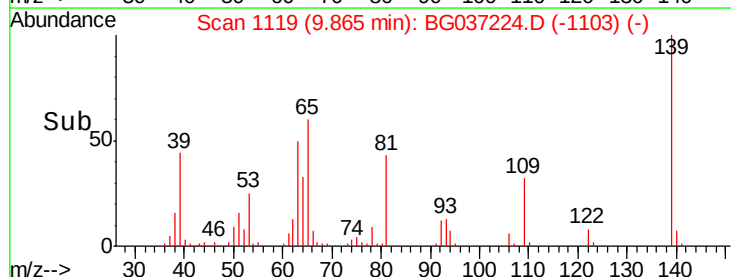
139 100

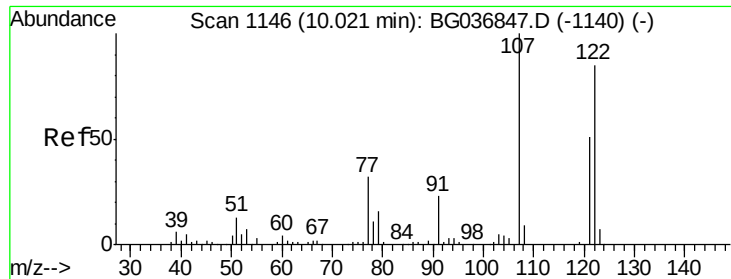
109 32.4 27.4 41.0

65 60.0 47.8 71.6



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

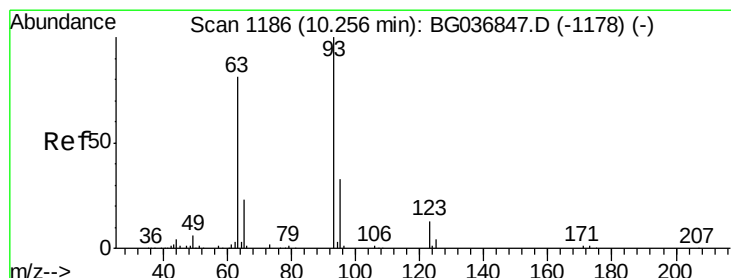
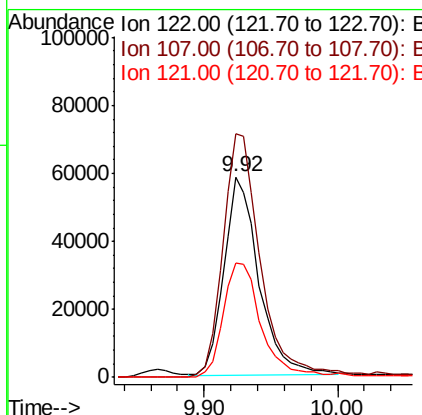
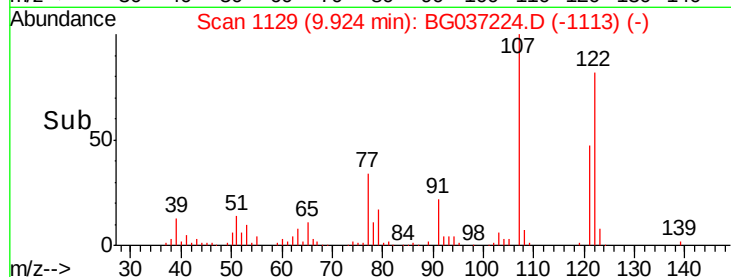
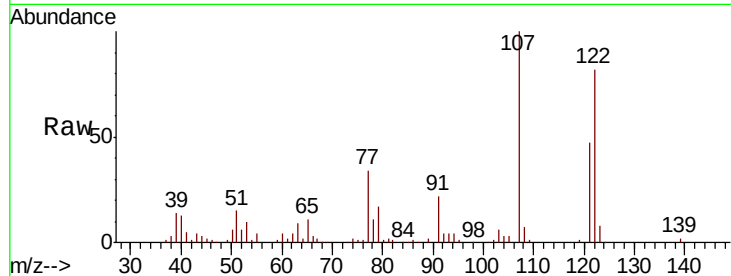




#27
 2,4-Dimethylphenol
 Concen: 51.962 ng
 RT: 9.92 min Scan# 1129
 Delta R.T. -0.00 min
 Lab File: BG037224.D
 Acq: 9 Oct 2018 19:28

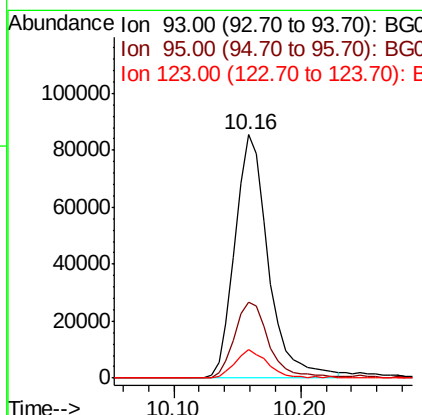
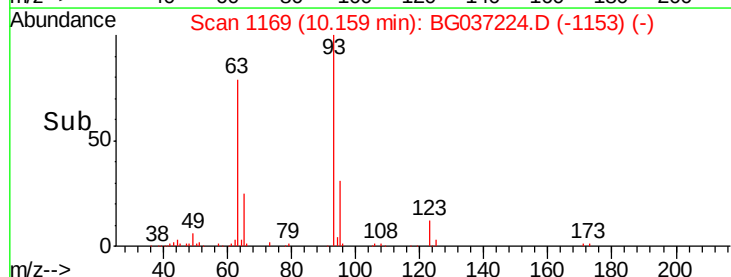
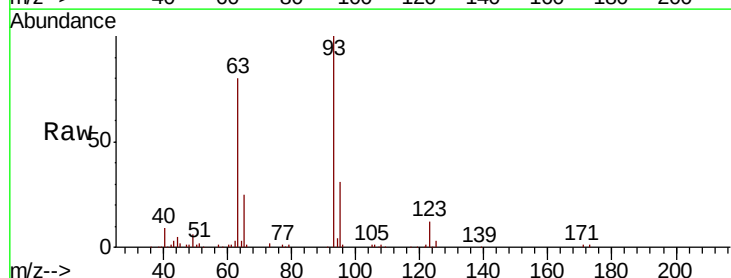
Instrument :
 BNA_G
 ClientSampleId :
 PHASE-3-SOILMS

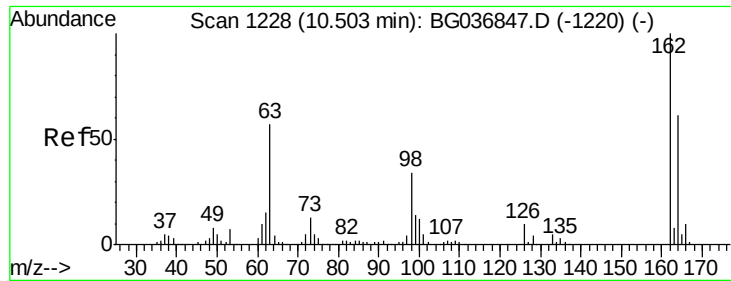
Tgt Ion:122 Resp: 107450
 Ion Ratio Lower Upper
 122 100
 107 121.4 96.0 144.0
 121 57.0 48.2 72.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.506 ng
 RT: 10.16 min Scan# 1169
 Delta R.T. -0.00 min
 Lab File: BG037224.D
 Acq: 9 Oct 2018 19:28

Tgt Ion: 93 Resp: 156495
 Ion Ratio Lower Upper
 93 100
 95 31.3 25.2 37.8
 123 11.6 8.6 12.8

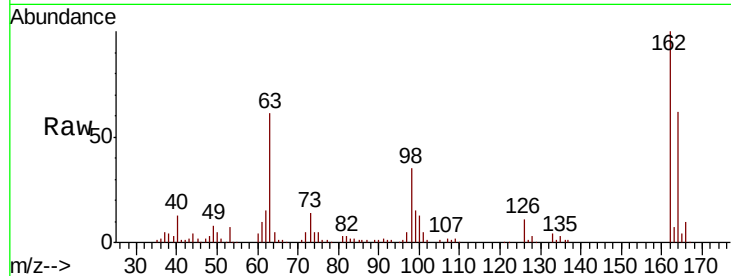




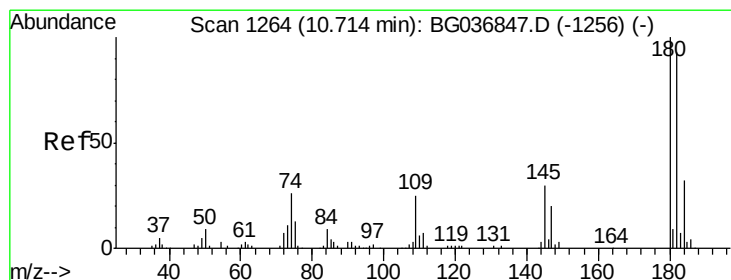
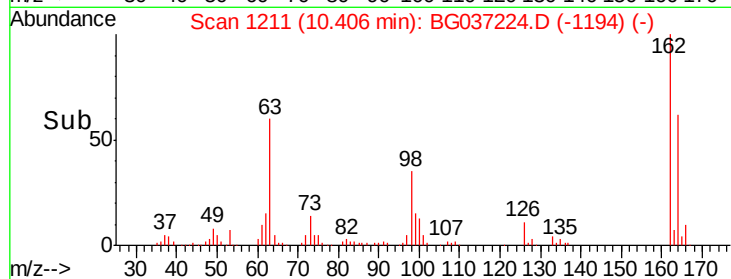
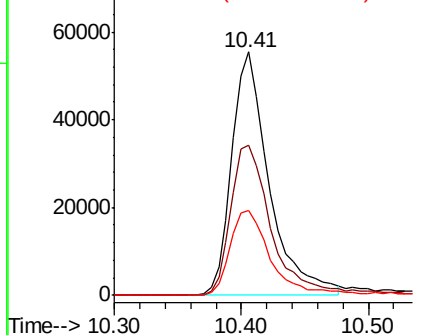
#29
 2,4-Dichlorophenol
 Concen: 47.292 ng
 RT: 10.41 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BG037224.D
 Acq: 9 Oct 2018 19:28

Instrument :
 BNA_G
 ClientSampleId :
 PHASE-3-SOILMS

Tgt Ion:162 Resp: 113365
 Ion Ratio Lower Upper
 162 100
 164 61.6 47.6 87.6
 98 34.9 19.2 59.2

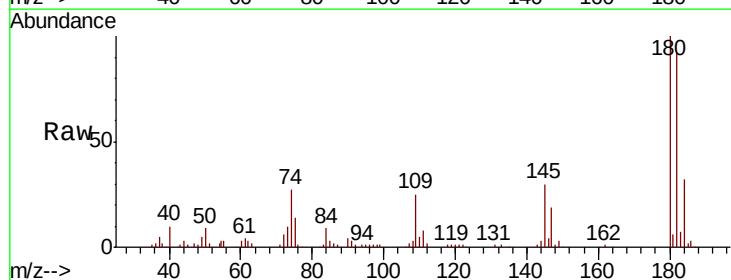


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BGC

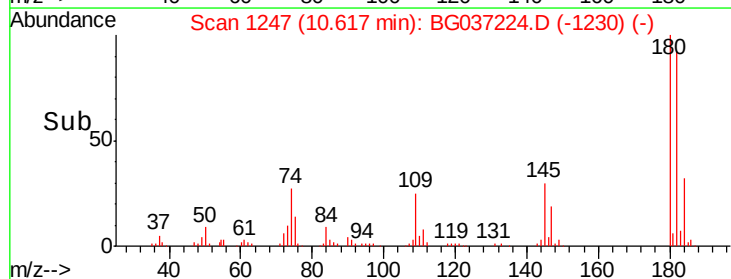
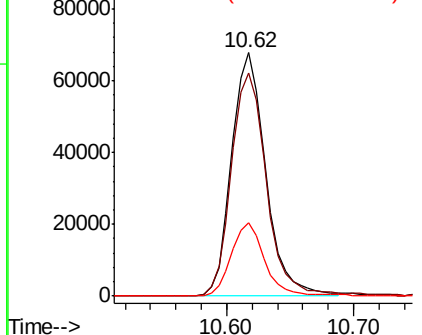


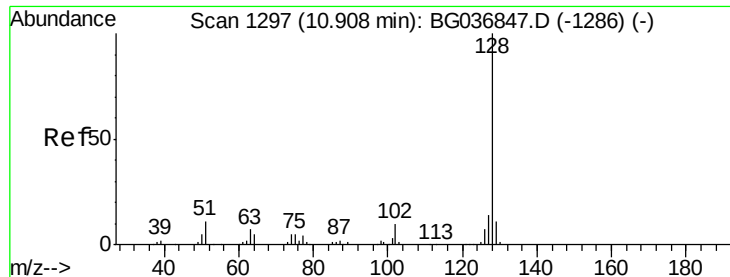
#30
 1,2,4-Trichlorobenzene
 Concen: 42.270 ng
 RT: 10.62 min Scan# 1247
 Delta R.T. 0.00 min
 Lab File: BG037224.D
 Acq: 9 Oct 2018 19:28

Tgt Ion:180 Resp: 126802
 Ion Ratio Lower Upper
 180 100
 182 91.7 76.0 114.0
 145 30.3 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

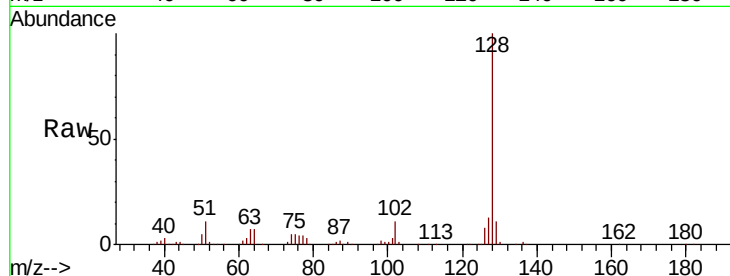




#31
Naphthalene
Concen: 48.093 ng
RT: 10.81 min Scan# 1279
Delta R.T. 0.00 min
Lab File: BG037224.D
Acq: 9 Oct 2018 19:28

Instrument :
BNA_G
ClientSampleId :
PHASE-3-SOILMS

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.4	14.2
127	13.2	11.0	16.4

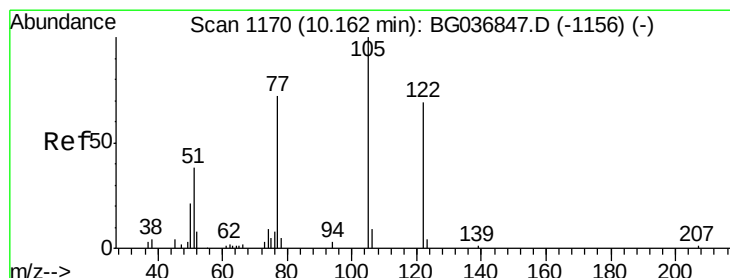
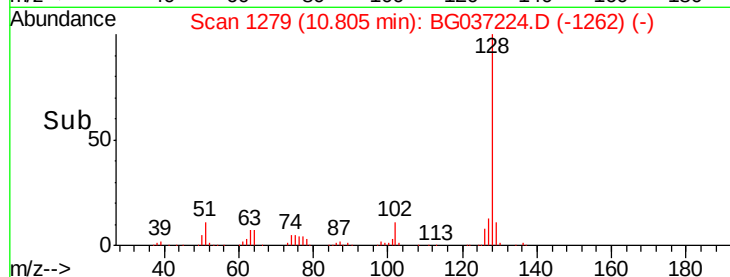
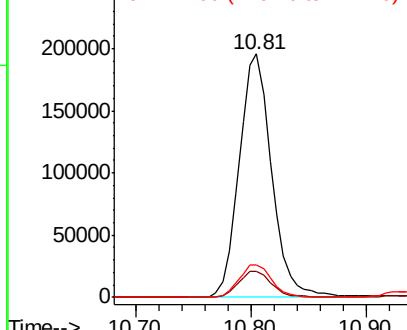


Abundance

Ion 128.00 (127.70 to 128.70): E

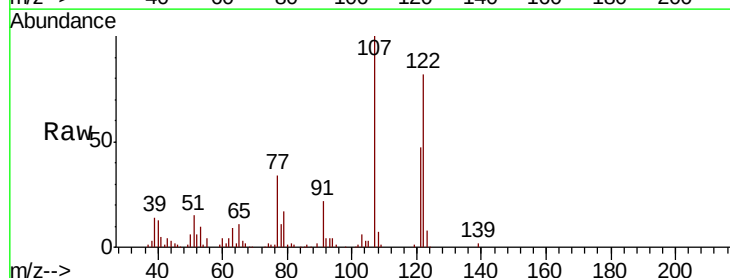
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 50.242 ng
RT: 9.92 min Scan# 1129
Delta R.T. -0.09 min
Lab File: BG037224.D
Acq: 9 Oct 2018 19:28

Tgt Ion	Ratio	Lower	Upper
122	100		
105	3.7	108.1	148.1#
77	41.0	76.3	116.3#

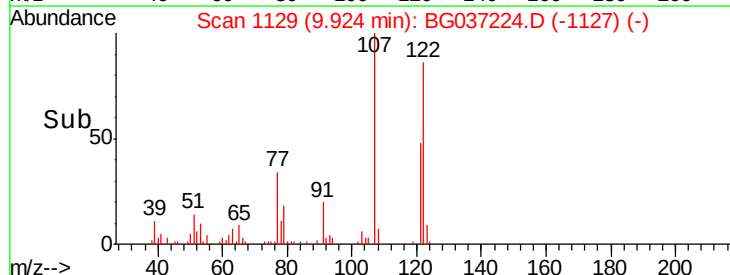
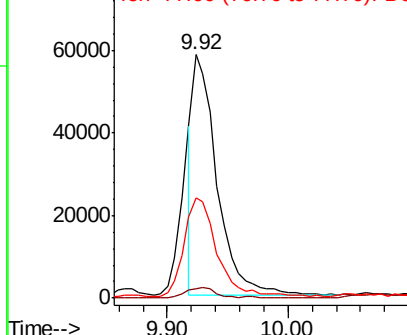


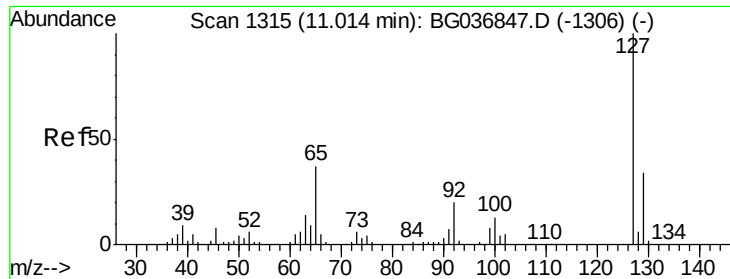
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

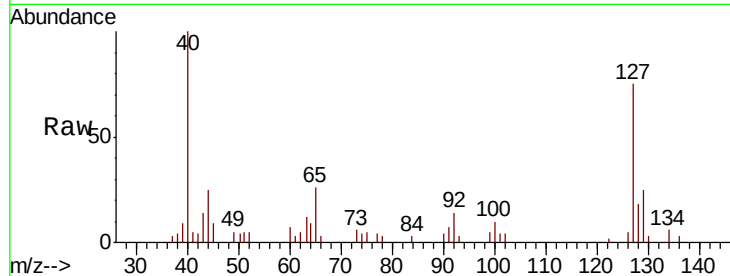




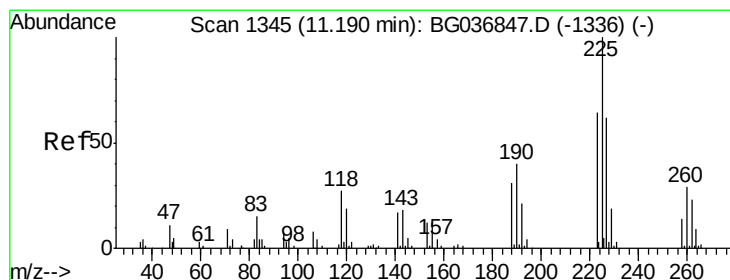
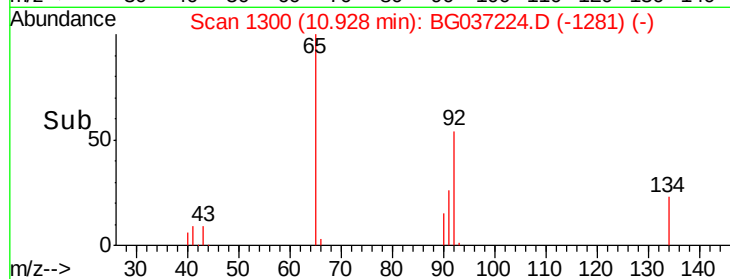
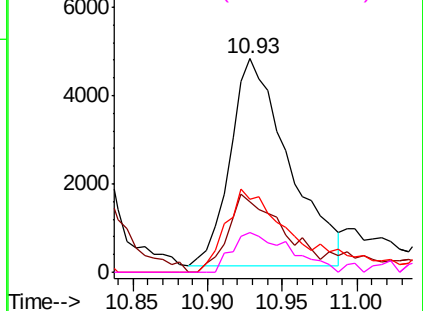
#33
4-Chloroaniline
Concen: 3.548 ng
RT: 10.93 min Scan# 1300
Delta R.T. 0.01 min
Lab File: BG037224.D
Acq: 9 Oct 2018 19:28

Instrument :
BNA_G
ClientSampleId :
PHASE-3-SOILMS

Tgt Ion:	127	Resp:	12818
Ion	Ratio	Lower	Upper
127	100		
129	33.0	25.9	38.9
65	34.4	27.5	41.3
92	18.7	16.2	24.2

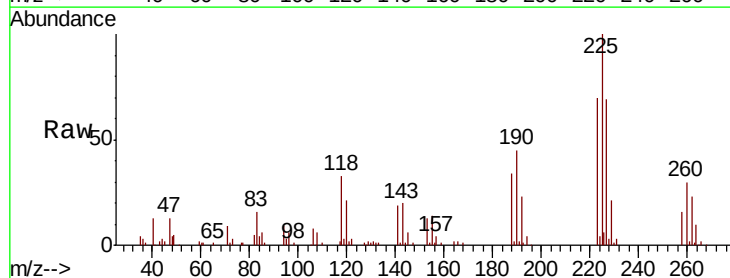


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

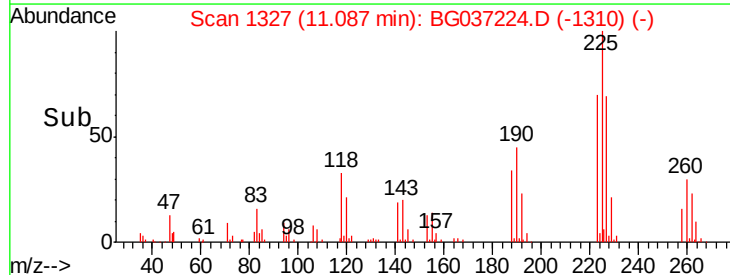
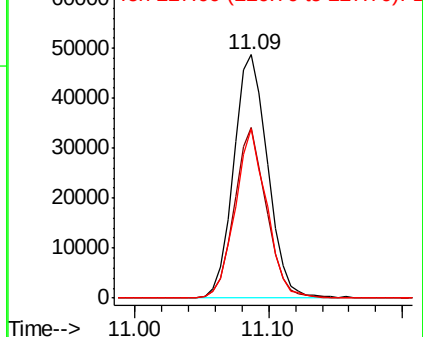


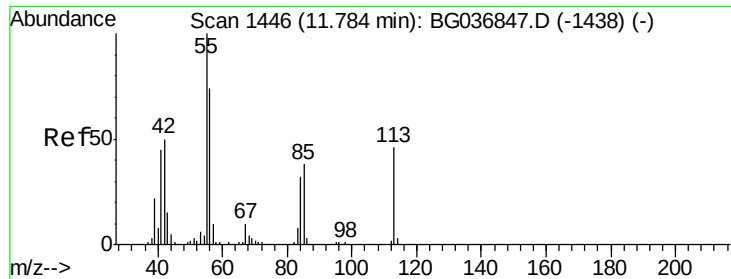
#34
Hexachlorobutadiene
Concen: 41.410 ng
RT: 11.09 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BG037224.D
Acq: 9 Oct 2018 19:28

Tgt Ion:	225	Resp:	85906
Ion	Ratio	Lower	Upper
225	100		
223	70.2	51.8	77.8
227	69.4	49.8	74.6



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





#35

Caprolactam

Concen: 32.327 ng

RT: 11.72 min Scan# 1434

Delta R.T. 0.02 min

Lab File: BG037224.D

Acq: 9 Oct 2018 19:28

Instrument :

BNA_G

ClientSampleId :

PHASE-3-SOILMS

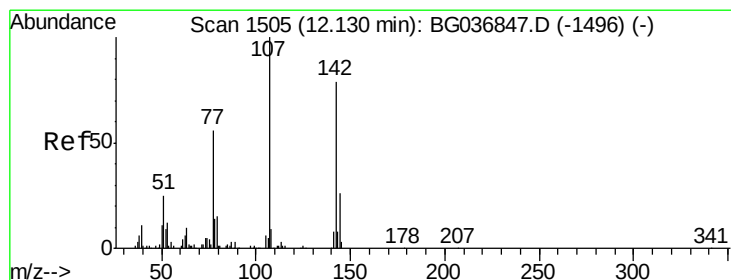
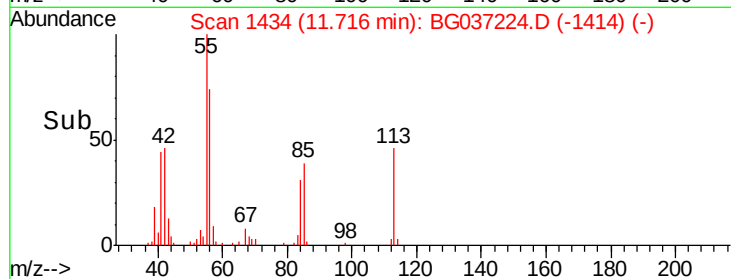
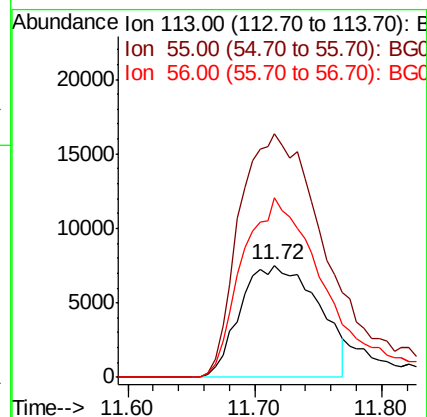
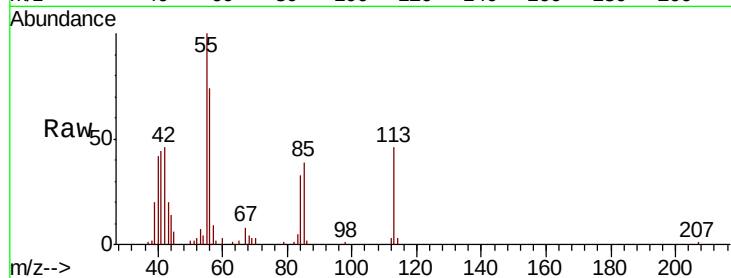
Tgt Ion:113 Resp: 31894

Ion Ratio Lower Upper

113 100

55 217.6 197.7 237.7

56 160.7 131.7 171.7



#36

4-Chloro-3-methylphenol

Concen: 47.208 ng

RT: 12.04 min Scan# 1489

Delta R.T. 0.00 min

Lab File: BG037224.D

Acq: 9 Oct 2018 19:28

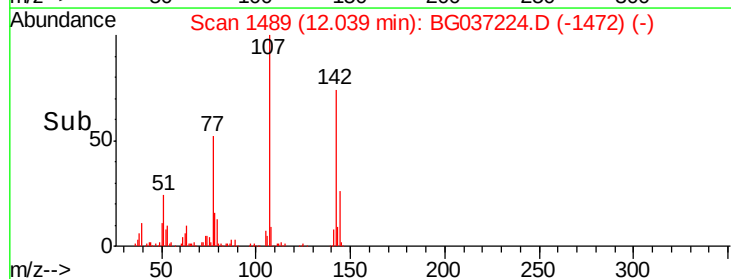
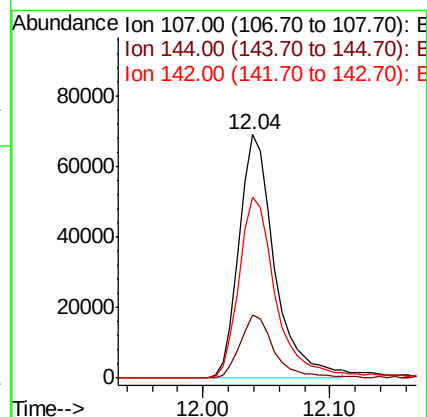
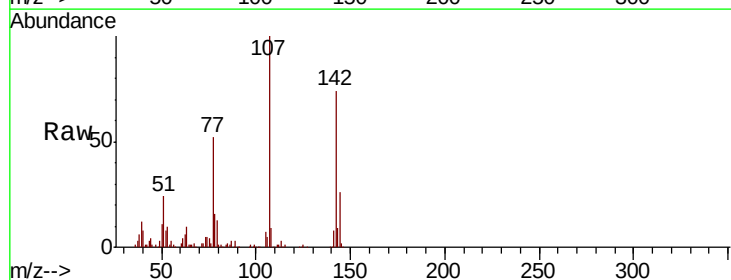
Tgt Ion:107 Resp: 135025

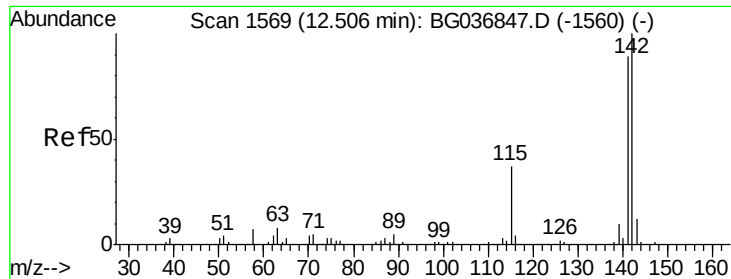
Ion Ratio Lower Upper

107 100

144 25.7 19.5 29.3

142 74.4 62.4 93.6

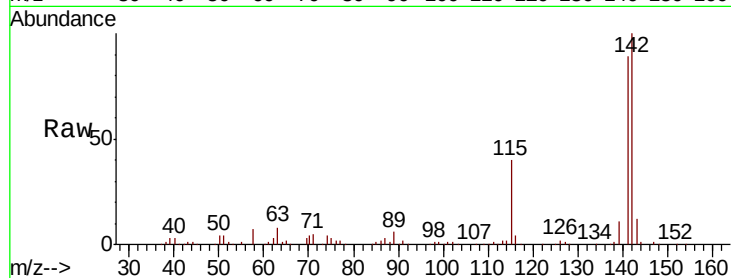




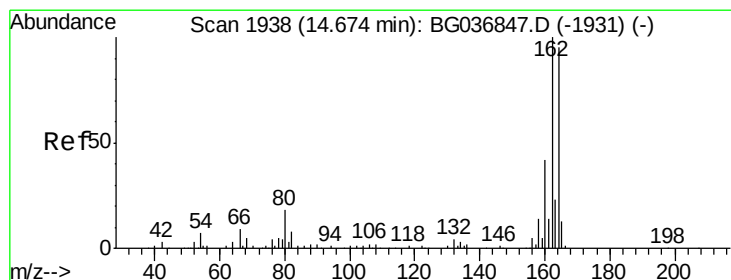
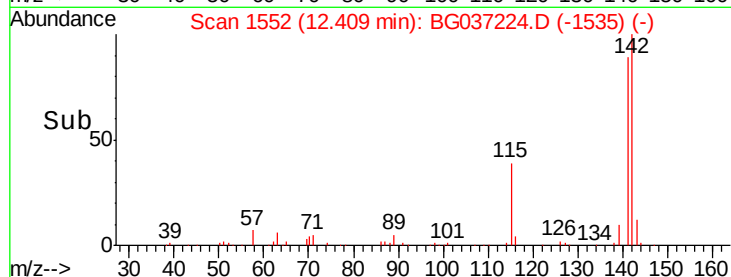
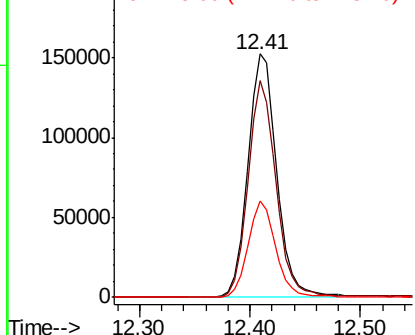
#37
2-Methylnaphthalene
Concen: 46.118 ng
RT: 12.41 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BG037224.D
Acq: 9 Oct 2018 19:28

Instrument :
BNA_G
ClientSampleId :
PHASE-3-SOILMS

Tgt Ion:142 Resp: 279110
Ion Ratio Lower Upper
142 100
141 88.9 68.5 102.7
115 39.5 29.8 44.8

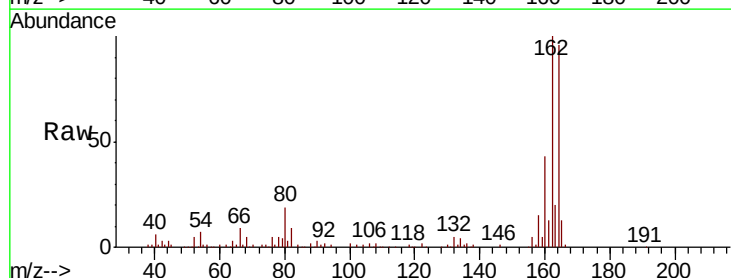


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

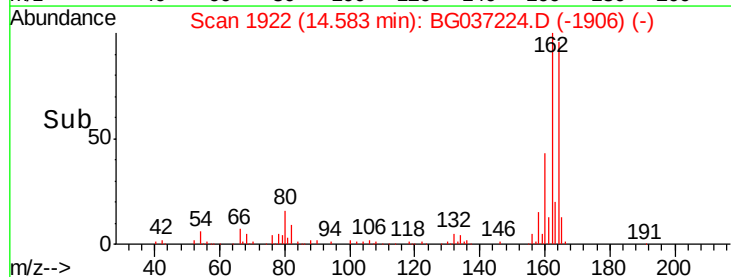
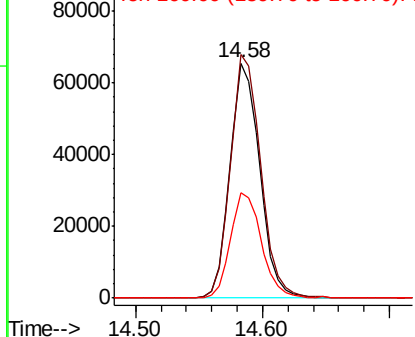


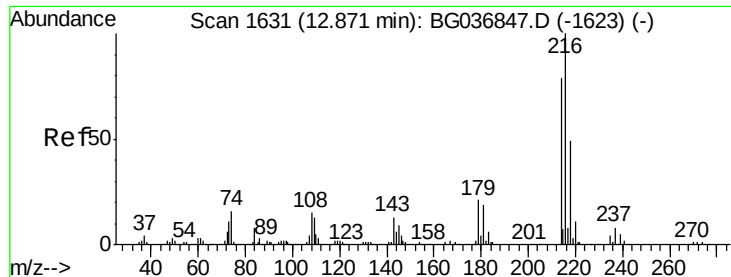
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.58 min Scan# 1922
Delta R.T. -0.00 min
Lab File: BG037224.D
Acq: 9 Oct 2018 19:28

Tgt Ion:164 Resp: 106283
Ion Ratio Lower Upper
164 100
162 103.7 80.7 121.1
160 45.1 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.357 ng

RT: 12.78 min Scan# 1615

Delta R.T. 0.00 min

Lab File: BG037224.D

Acq: 9 Oct 2018 19:28

Instrument :

BNA_G

ClientSampleId :

PHASE-3-SOILMS

Tgt Ion:216 Resp: 157016

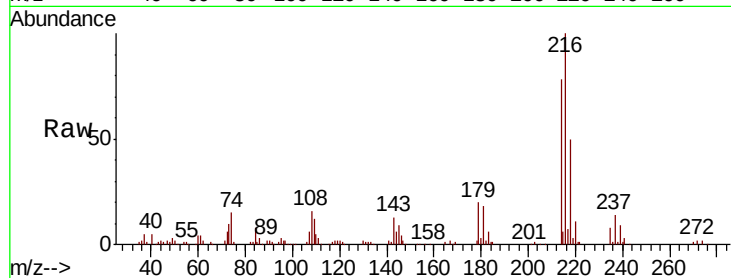
Ion Ratio Lower Upper

216 100

214 78.1 61.0 91.6

179 20.0 15.7 23.5

108 18.9 13.1 19.7

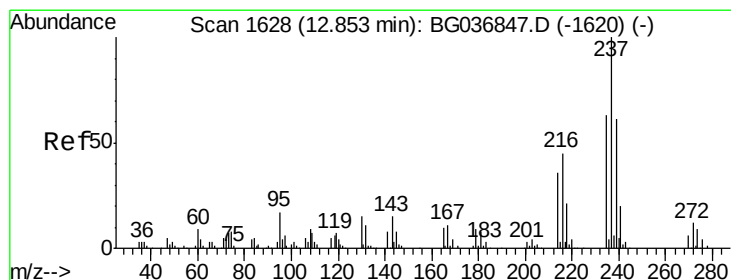
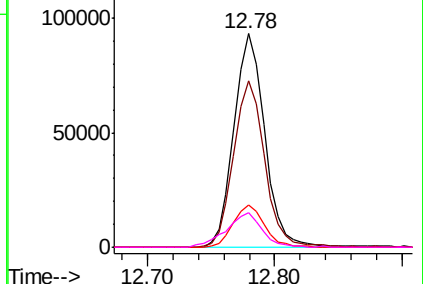
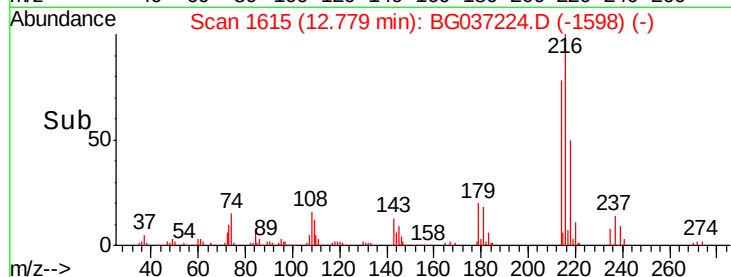


Abundance Ion 216.00 (215.70 to 216.70): E

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: 96.051 ng

RT: 12.76 min Scan# 1611

Delta R.T. -0.00 min

Lab File: BG037224.D

Acq: 9 Oct 2018 19:28

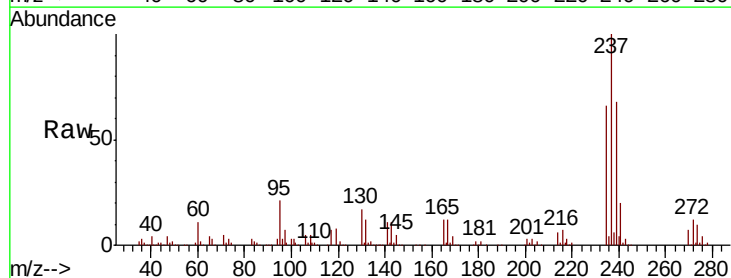
Tgt Ion:237 Resp: 183121

Ion Ratio Lower Upper

237 100

235 66.4 42.2 82.2

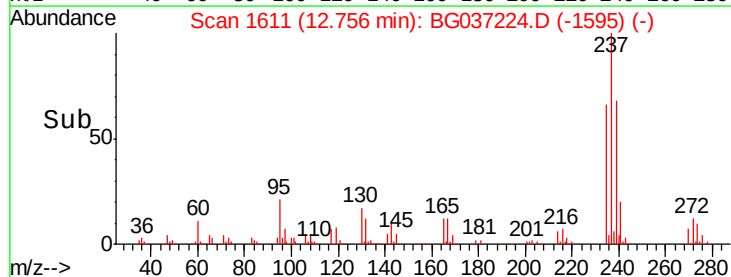
272 12.3 0.0 32.1



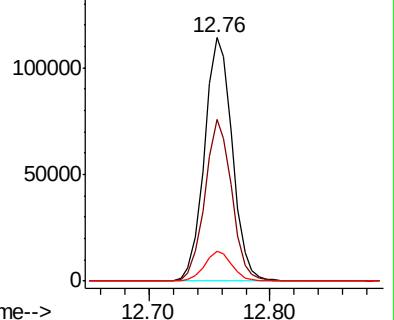
Abundance Ion 236.80 (236.50 to 237.50): E

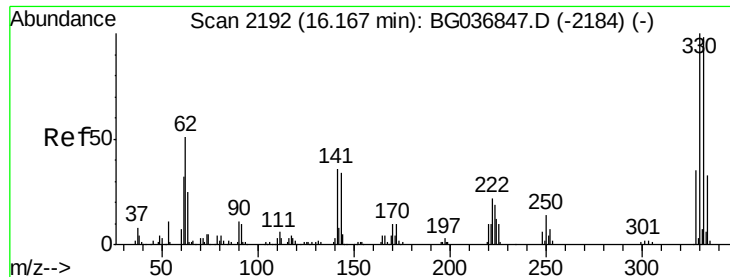
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

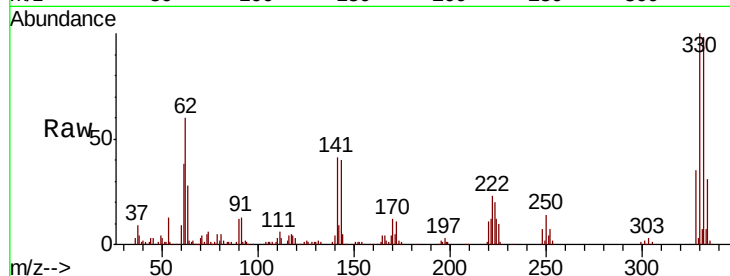




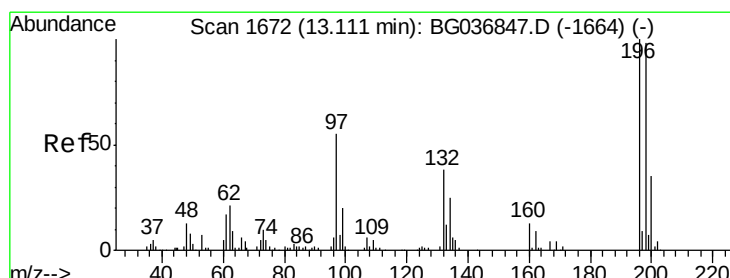
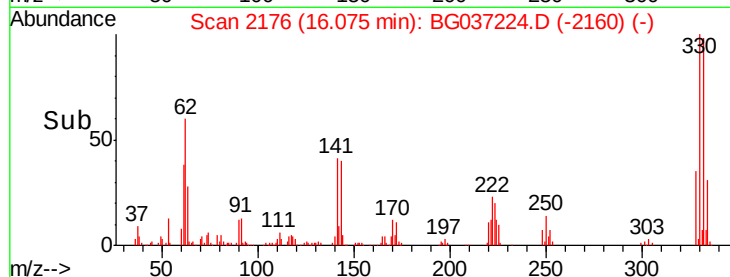
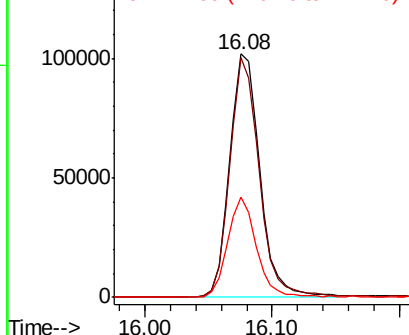
#41
 2,4,6-Tribromophenol
 Concen: 131.852 ng
 RT: 16.08 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: BG037224.D
 Acq: 9 Oct 2018 19:28

Instrument :
 BNA_G
 ClientSampleId :
 PHASE-3-SOILMS

Tgt Ion:330 Resp: 167665
 Ion Ratio Lower Upper
 330 100
 332 95.6 75.4 113.2
 141 39.4 30.7 46.1

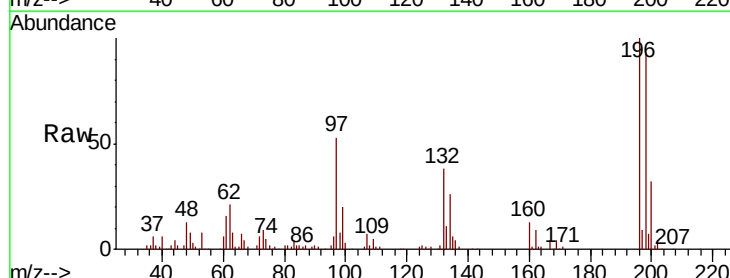


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

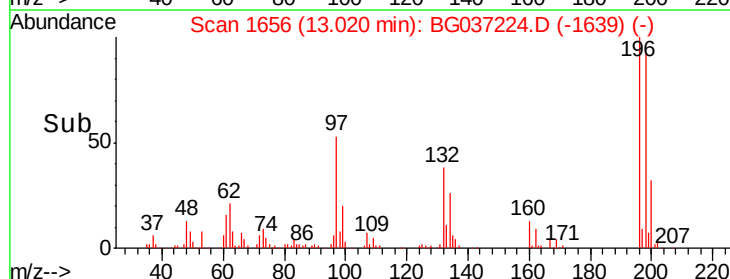
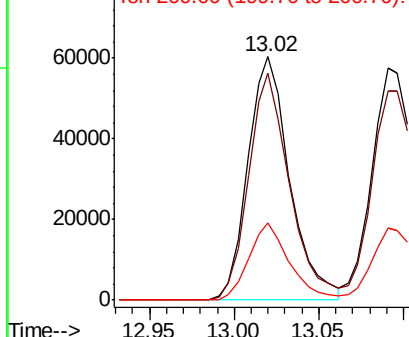


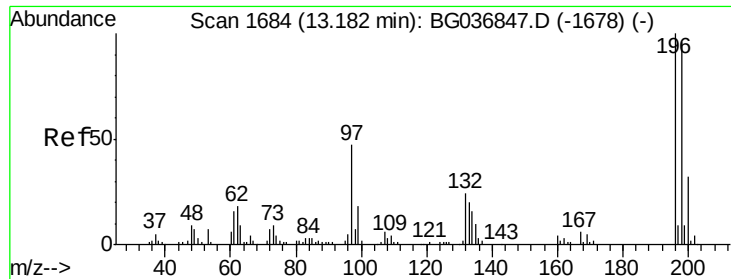
#42
 2,4,6-Trichlorophenol
 Concen: 50.425 ng
 RT: 13.02 min Scan# 1656
 Delta R.T. 0.00 min
 Lab File: BG037224.D
 Acq: 9 Oct 2018 19:28

Tgt Ion:196 Resp: 103799
 Ion Ratio Lower Upper
 196 100
 198 93.0 77.2 115.8
 200 31.6 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

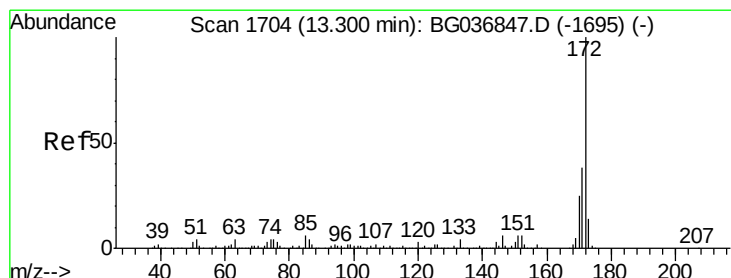
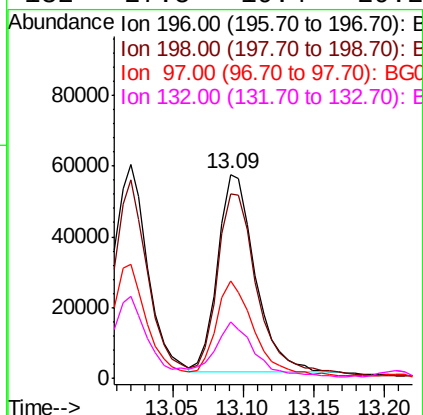
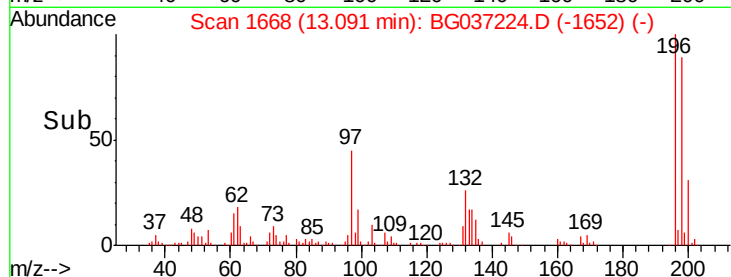
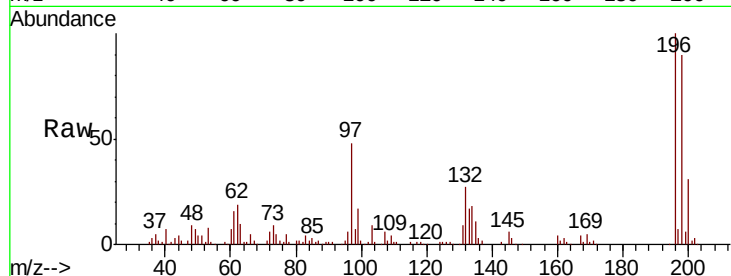




#43
 2,4,5-Trichlorophenol
 Concen: 46.814 ng
 RT: 13.09 min Scan# 1668
 Delta R.T. -0.00 min
 Lab File: BG037224.D
 Acq: 9 Oct 2018 19:28

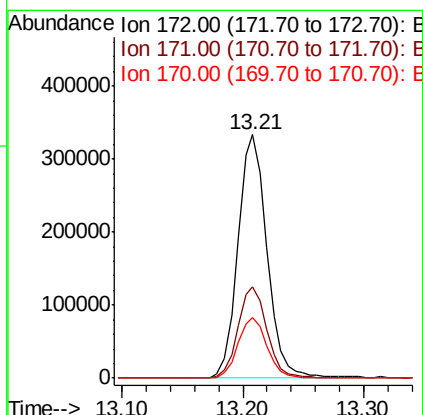
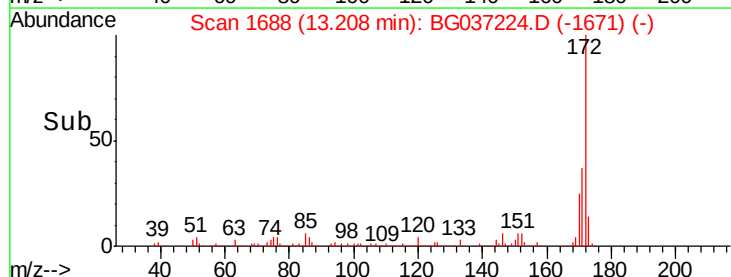
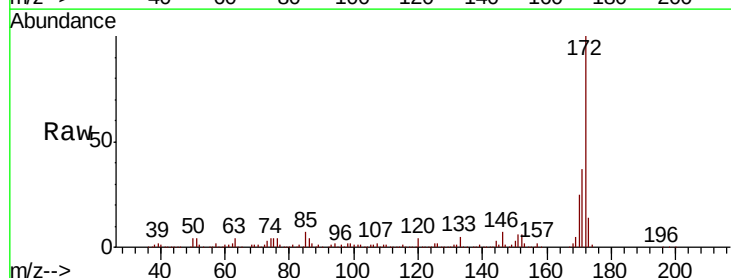
Instrument :
 BNA_G
 ClientSampleId :
 PHASE-3-SOILMS

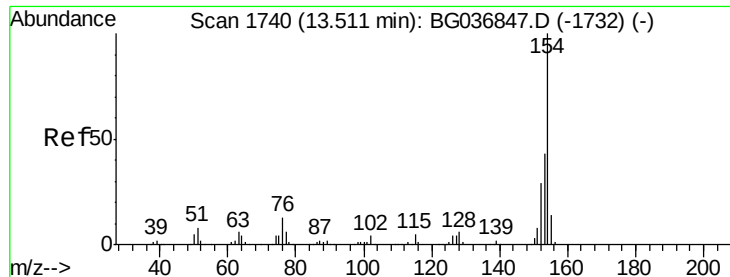
Tgt Ion:	196	Resp:	102757
Ion	Ratio	Lower	Upper
196	100		
198	90.1	75.6	113.4
97	47.6	37.2	55.8
132	27.5	19.4	29.2



#44
 2-Fluorobiphenyl
 Concen: 78.347 ng
 RT: 13.21 min Scan# 1688
 Delta R.T. 0.00 min
 Lab File: BG037224.D
 Acq: 9 Oct 2018 19:28

Tgt Ion:	172	Resp:	559088
Ion	Ratio	Lower	Upper
172	100		
171	37.3	31.3	46.9
170	24.9	21.0	31.6

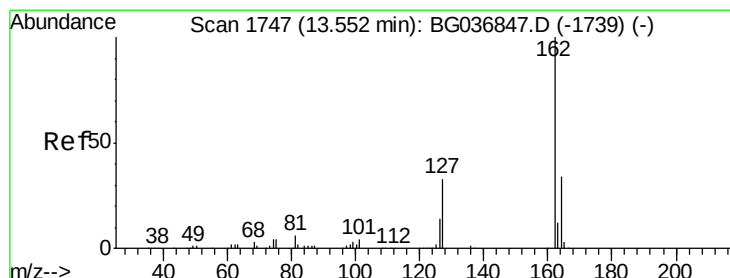
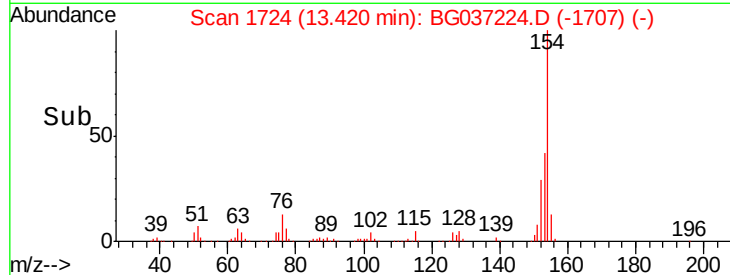
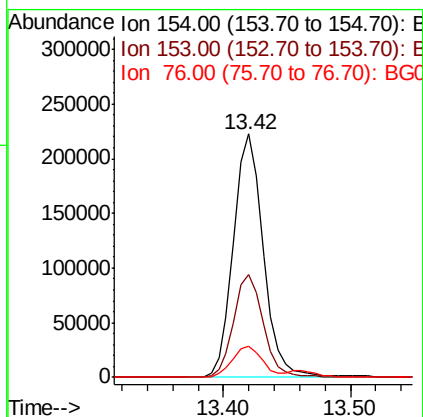
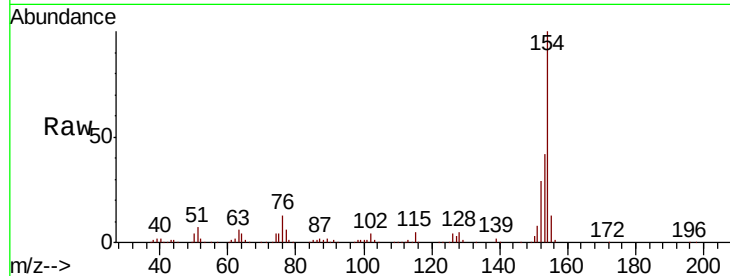




#45
 1,1'-Biphenyl
 Concen: 44.543 ng
 RT: 13.42 min Scan# 1724
 Delta R.T. 0.00 min
 Lab File: BG037224.D
 Acq: 9 Oct 2018 19:28

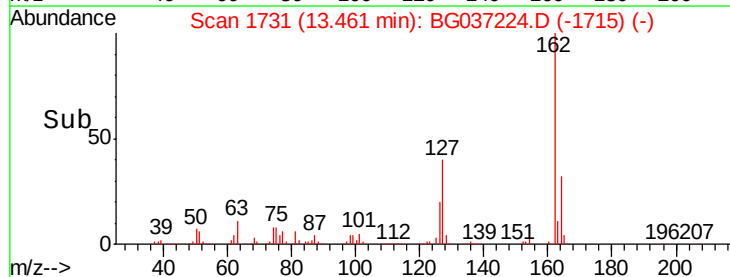
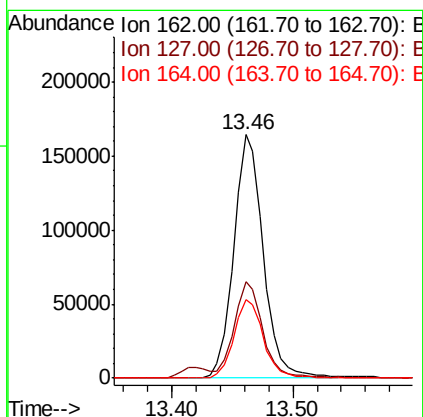
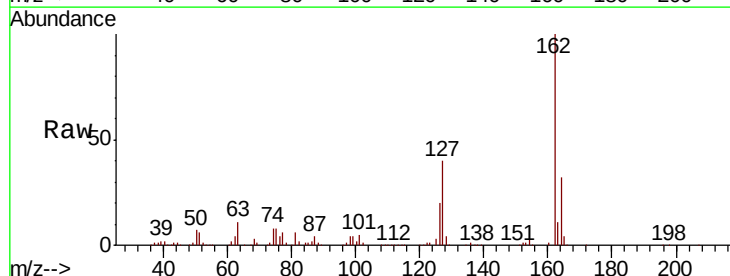
Instrument :
 BNA_G
 ClientSampleId :
 PHASE-3-SOILMS

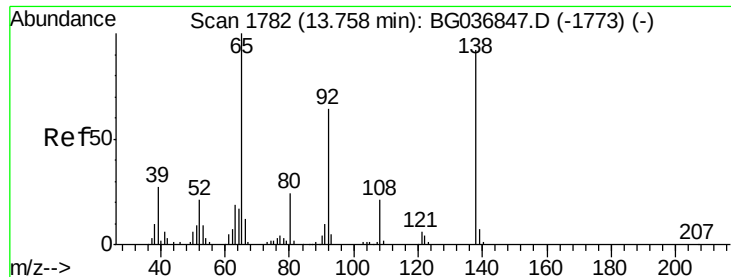
Tgt Ion:154 Resp: 362570
 Ion Ratio Lower Upper
 154 100
 153 42.0 24.0 64.0
 76 12.7 0.0 32.9



#46
 2-Chloronaphthalene
 Concen: 43.660 ng
 RT: 13.46 min Scan# 1731
 Delta R.T. -0.00 min
 Lab File: BG037224.D
 Acq: 9 Oct 2018 19:28

Tgt Ion:162 Resp: 279481
 Ion Ratio Lower Upper
 162 100
 127 39.7 30.7 46.1
 164 32.1 26.7 40.1





#47

2-Nitroaniline

Concen: 47.070 ng

RT: 13.67 min Scan# 1766

Delta R.T. -0.00 min

Lab File: BG037224.D

Acq: 9 Oct 2018 19:28

Instrument :

BNA_G

ClientSampleId :

PHASE-3-SOILMS

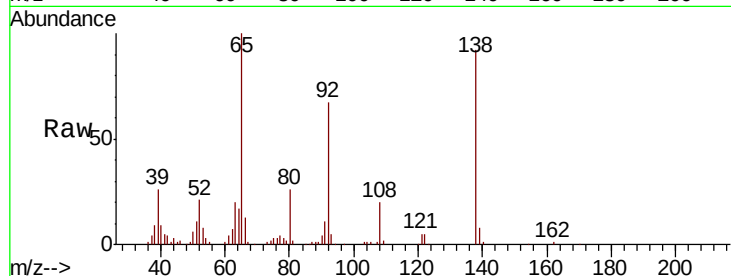
Tgt Ion: 65 Resp: 104216

Ion Ratio Lower Upper

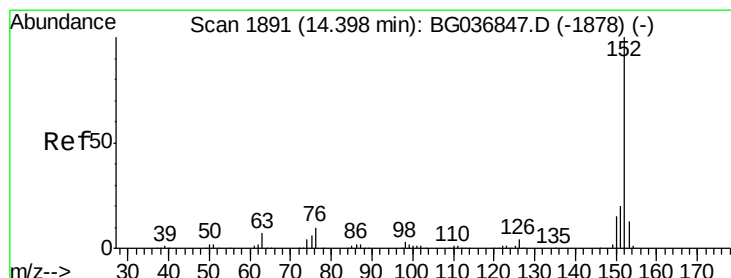
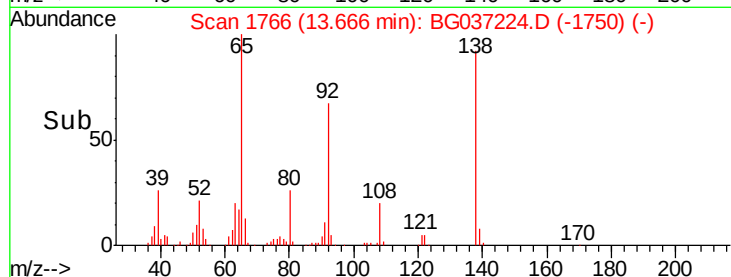
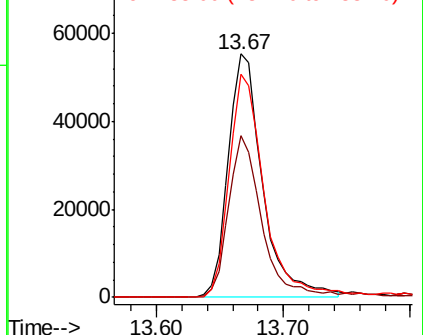
65 100

92 66.6 49.9 74.9

138 91.6 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: 47.519 ng

RT: 14.31 min Scan# 1875

Delta R.T. -0.00 min

Lab File: BG037224.D

Acq: 9 Oct 2018 19:28

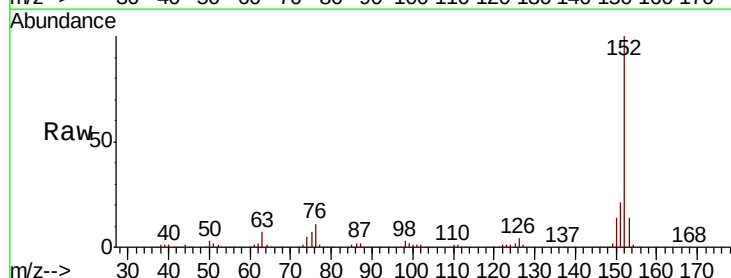
Tgt Ion: 152 Resp: 476652

Ion Ratio Lower Upper

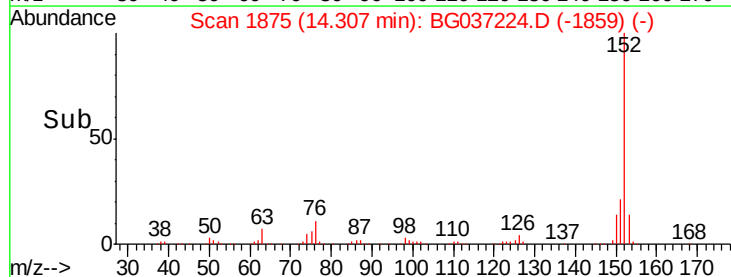
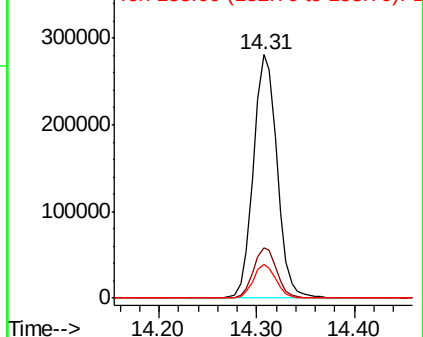
152 100

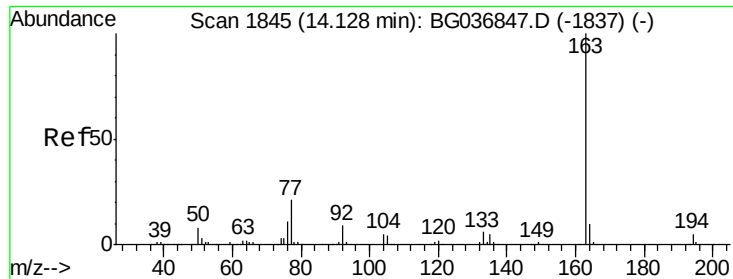
151 20.6 16.9 25.3

153 13.7 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

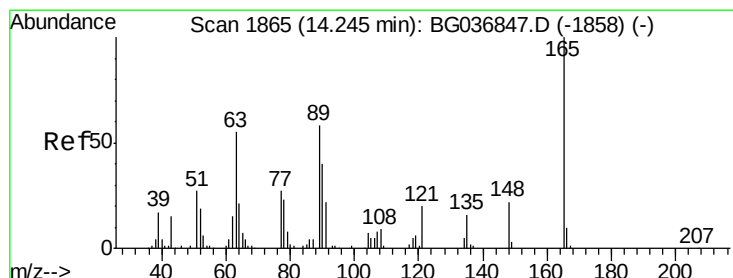
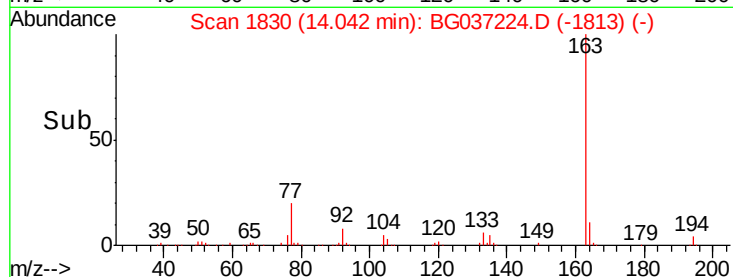
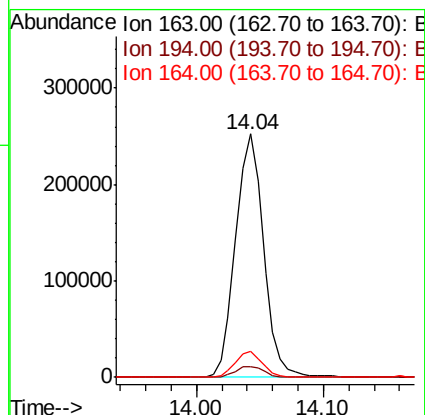
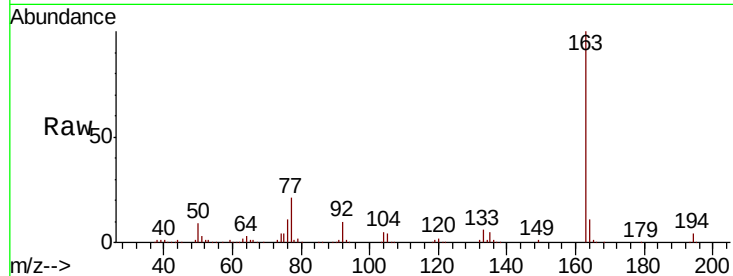




#49
Dimethylphthalate
Concen: 45.141 ng
RT: 14.04 min Scan# 1830
Delta R.T. 0.00 min
Lab File: BG037224.D
Acq: 9 Oct 2018 19:28

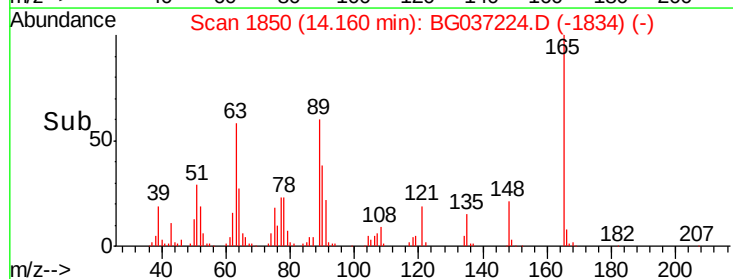
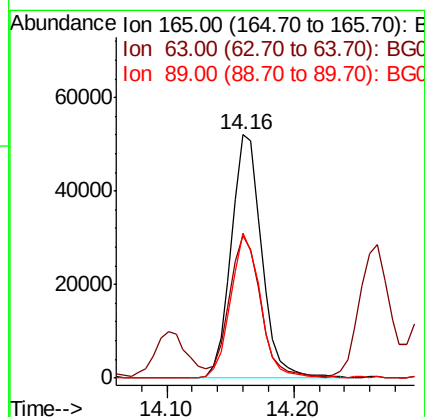
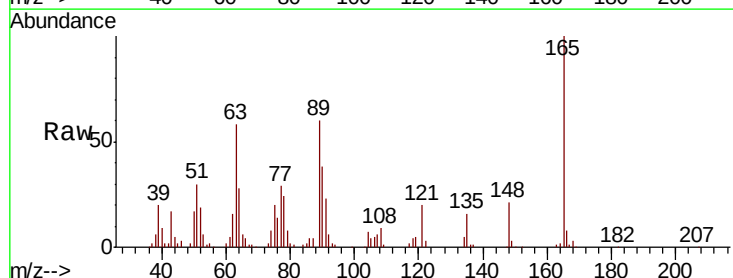
Instrument :
BNA_G
ClientSampleId :
PHASE-3-SOILMS

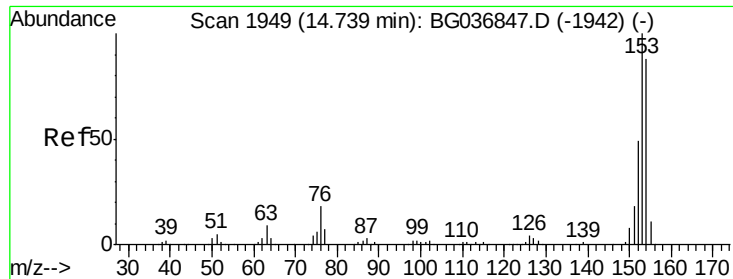
Tgt Ion:163 Resp: 386188
Ion Ratio Lower Upper
163 100
194 4.4 4.0 6.0
164 10.5 8.1 12.1



#50
2,6-Dinitrotoluene
Concen: 46.270 ng
RT: 14.16 min Scan# 1850
Delta R.T. -0.00 min
Lab File: BG037224.D
Acq: 9 Oct 2018 19:28

Tgt Ion:165 Resp: 86366
Ion Ratio Lower Upper
165 100
63 58.5 50.1 75.1
89 59.7 47.8 71.6





#51

Acenaphthene

Concen: 44.470 ng

RT: 14.65 min Scan# 1933

Delta R.T. -0.00 min

Lab File: BG037224.D

Acq: 9 Oct 2018 19:28

Instrument :

BNA_G

ClientSampleId :

PHASE-3-SOILMS

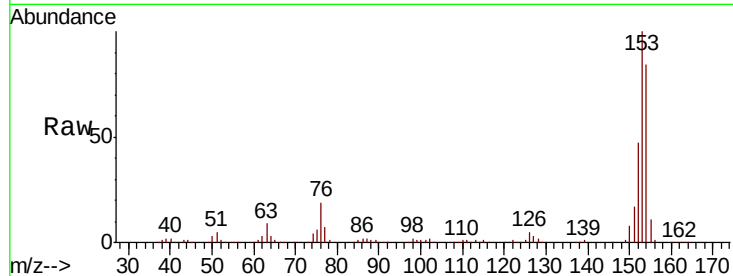
Tgt Ion:154 Resp: 269594

Ion Ratio Lower Upper

154 100

153 118.8 91.8 137.6

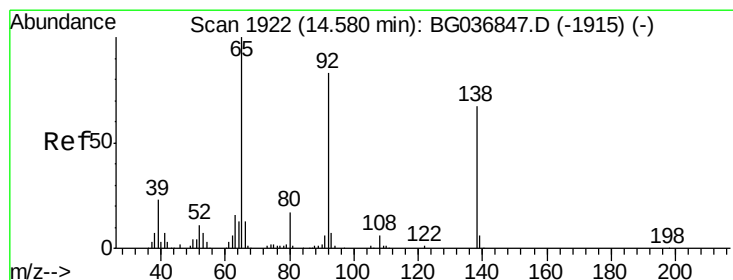
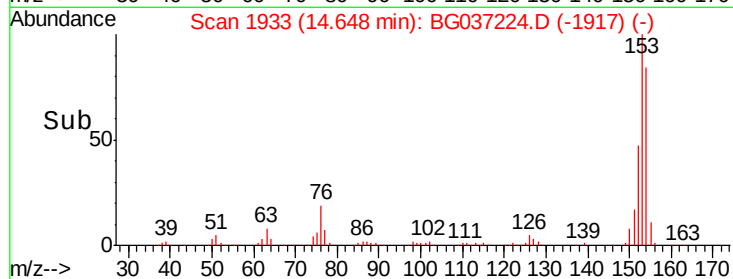
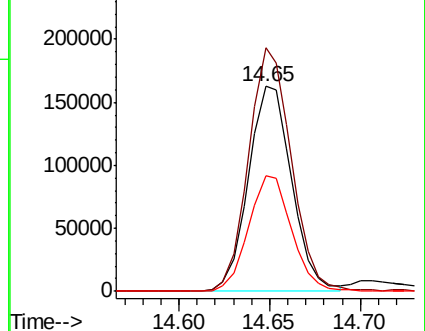
152 56.4 43.5 65.3



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: 13.567 ng

RT: 14.50 min Scan# 1908

Delta R.T. 0.00 min

Lab File: BG037224.D

Acq: 9 Oct 2018 19:28

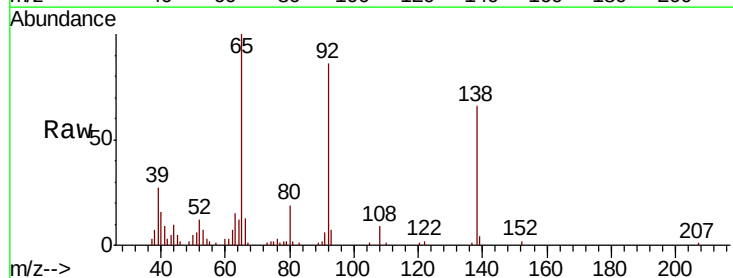
Tgt Ion:138 Resp: 26685

Ion Ratio Lower Upper

138 100

108 13.2 9.4 14.2

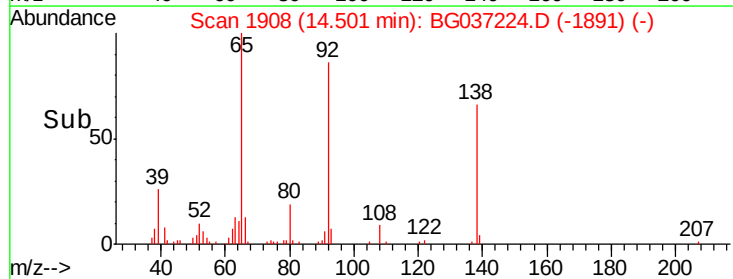
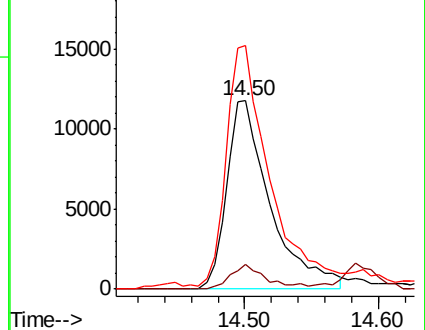
92 129.3 96.8 145.2

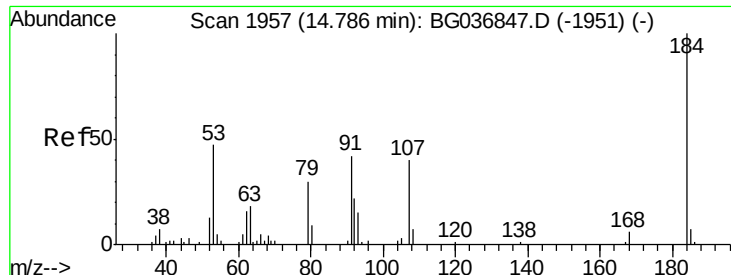


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

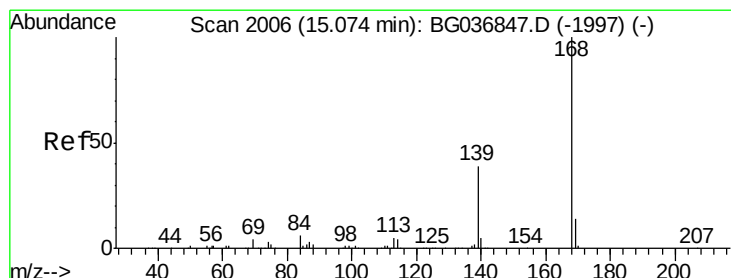
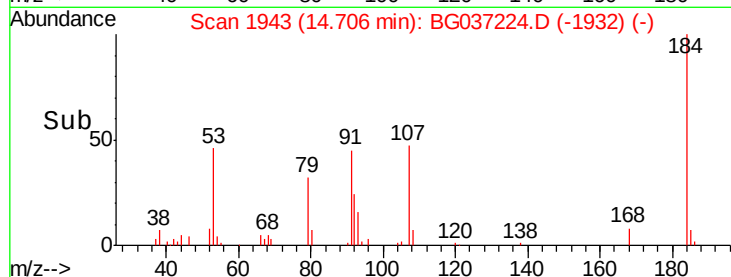
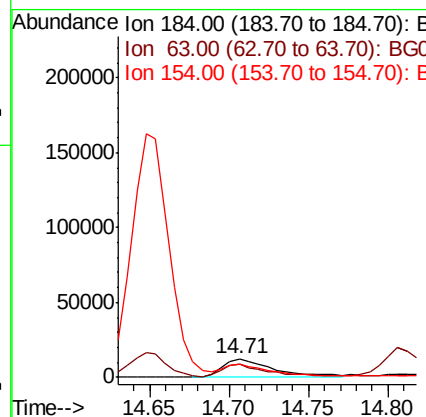
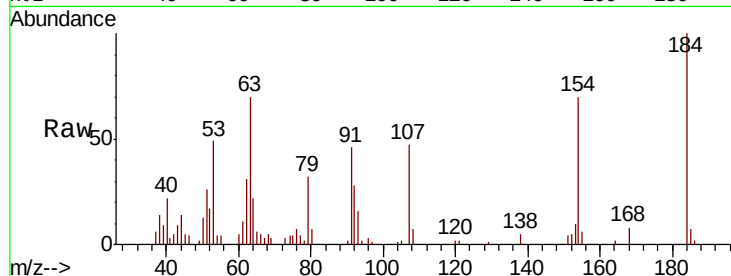




#53
 2,4-Dinitrophenol
 Concen: 36.150 ng
 RT: 14.71 min Scan# 1943
 Delta R.T. -0.03 min
 Lab File: BG037224.D
 Acq: 9 Oct 2018 19:28

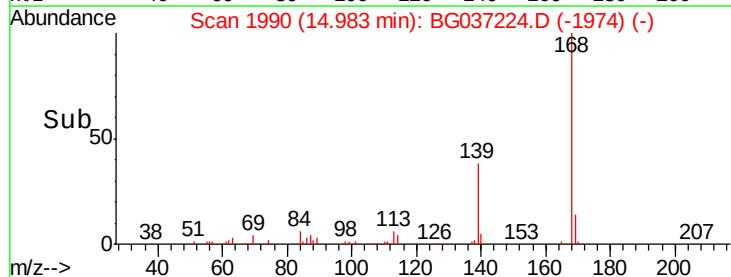
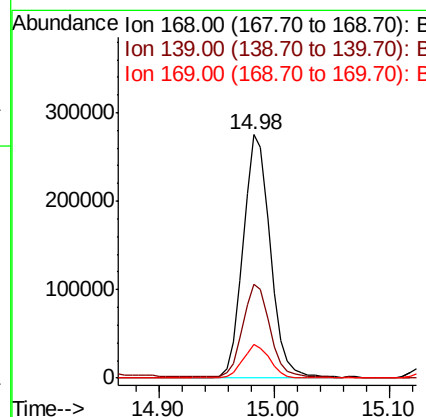
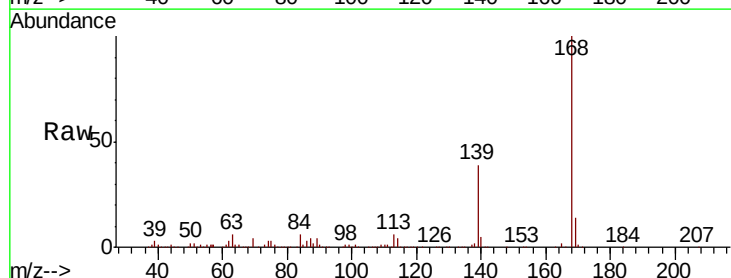
Instrument :
 BNA_G
 ClientSampleId :
 PHASE-3-SOILMS

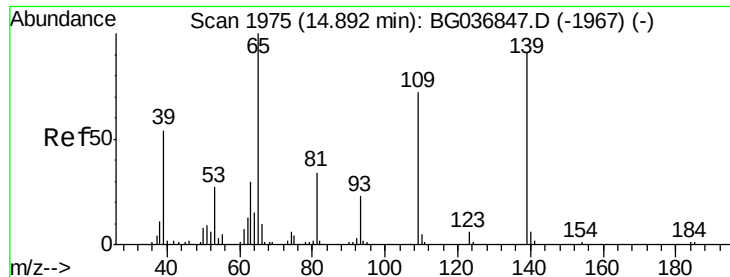
Tgt Ion:184 Resp: 27567
 Ion Ratio Lower Upper
 184 100
 63 70.2 47.3 70.9
 154 69.9 51.1 76.7



#54
 Dibenzofuran
 Concen: 43.925 ng
 RT: 14.98 min Scan# 1990
 Delta R.T. -0.00 min
 Lab File: BG037224.D
 Acq: 9 Oct 2018 19:28

Tgt Ion:168 Resp: 450421
 Ion Ratio Lower Upper
 168 100
 139 38.7 31.0 46.6
 169 13.7 11.1 16.7

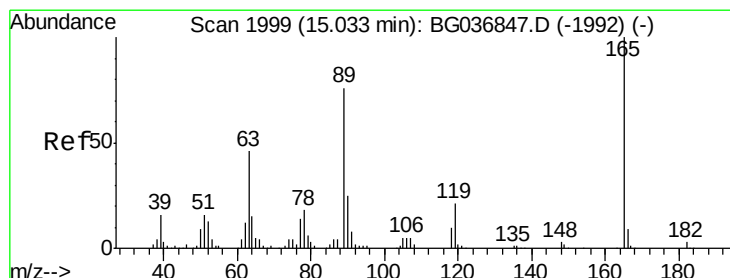
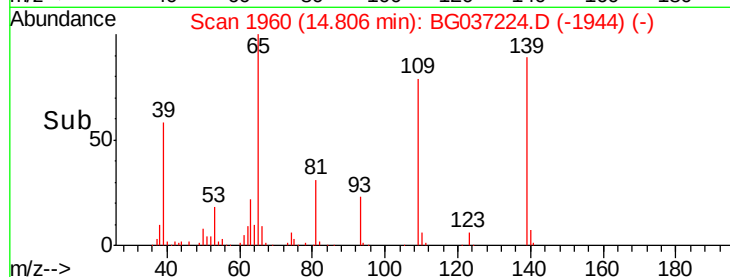
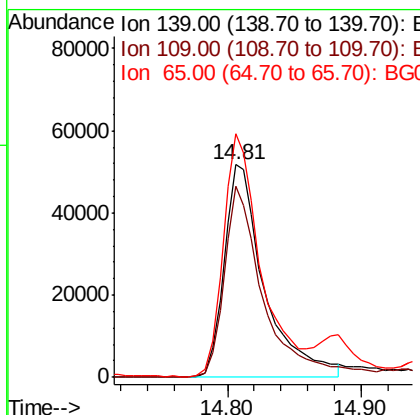
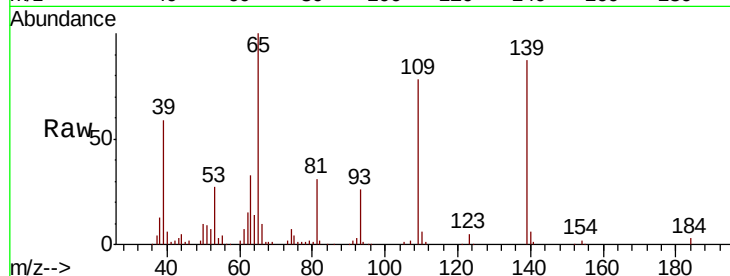




#55
4-Nitrophenol
Concen: 86.590 ng
RT: 14.81 min Scan# 1960
Delta R.T. -0.00 min
Lab File: BG037224.D
Acq: 9 Oct 2018 19:28

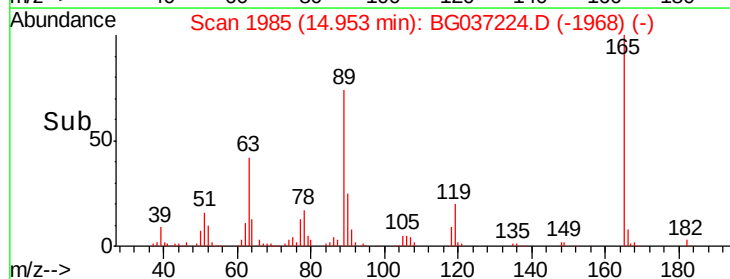
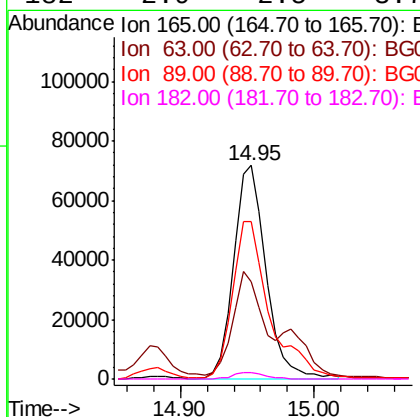
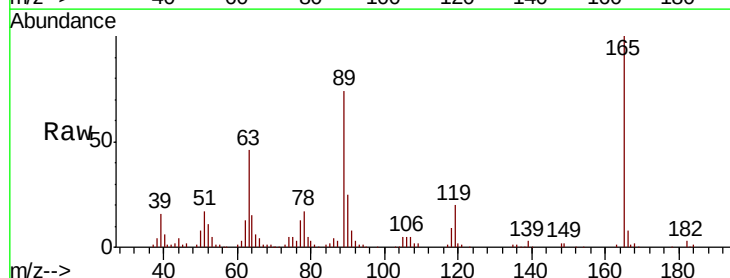
Instrument :
BNA_G
ClientSampleId :
PHASE-3-SOILMS

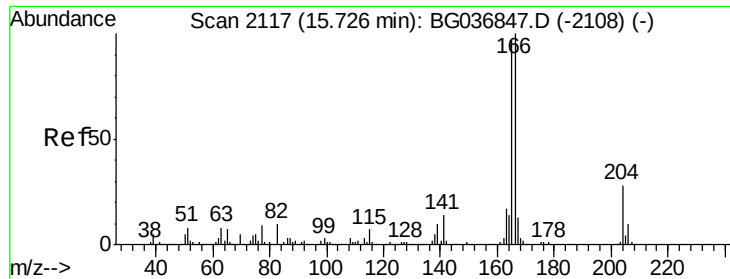
Tgt Ion:139 Resp: 108803
Ion Ratio Lower Upper
139 100
109 89.8 63.9 103.9
65 114.6 90.0 130.0



#56
2,4-Dinitrotoluene
Concen: 46.012 ng
RT: 14.95 min Scan# 1985
Delta R.T. 0.00 min
Lab File: BG037224.D
Acq: 9 Oct 2018 19:28

Tgt Ion:165 Resp: 119841
Ion Ratio Lower Upper
165 100
63 45.8 40.1 60.1
89 73.8 63.7 95.5
182 2.9 2.5 3.7

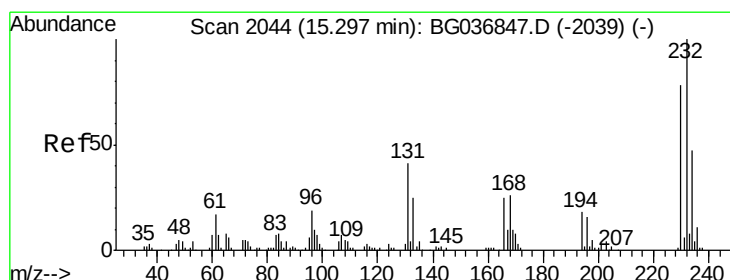
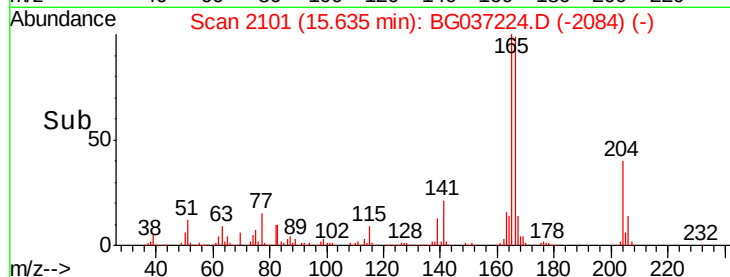
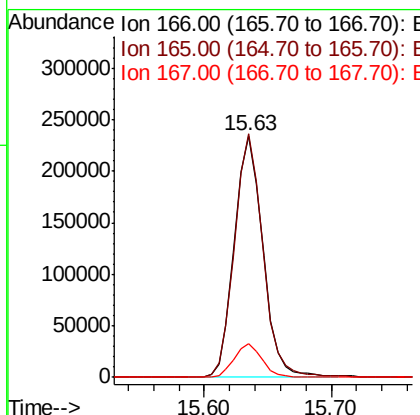
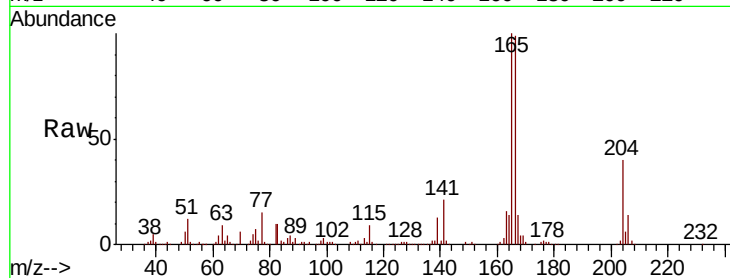




#57
 Fluorene
 Concen: 47.687 ng
 RT: 15.63 min Scan# 2101
 Delta R.T. 0.00 min
 Lab File: BG037224.D
 Acq: 9 Oct 2018 19:28

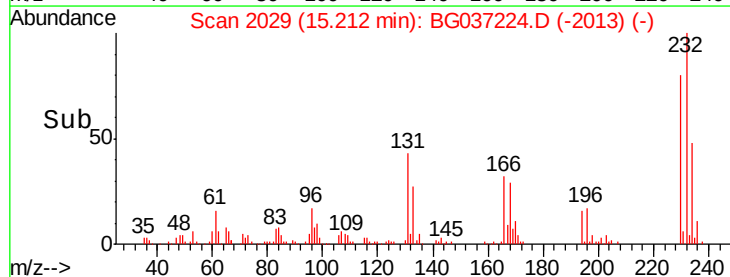
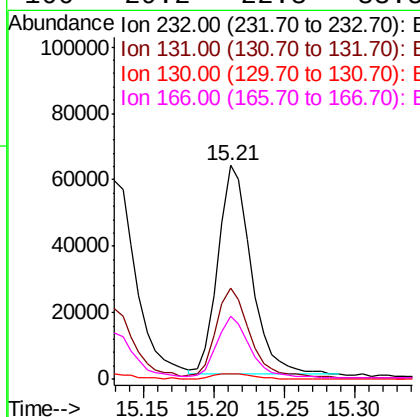
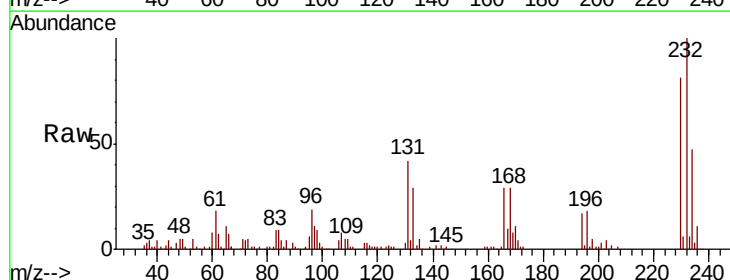
Instrument :
 BNA_G
 ClientSampleId :
 PHASE-3-SOILMS

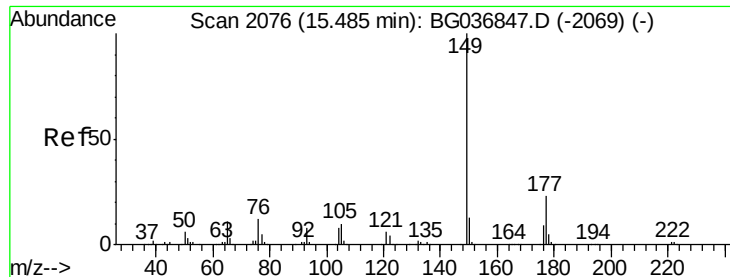
Tgt Ion:166 Resp: 365490
 Ion Ratio Lower Upper
 166 100
 165 101.0 77.0 115.4
 167 13.8 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.070 ng
 RT: 15.21 min Scan# 2029
 Delta R.T. -0.00 min
 Lab File: BG037224.D
 Acq: 9 Oct 2018 19:28

Tgt Ion:232 Resp: 102583
 Ion Ratio Lower Upper
 232 100
 131 42.7 33.8 50.8
 130 2.9 2.1 3.1
 166 29.2 22.3 33.5

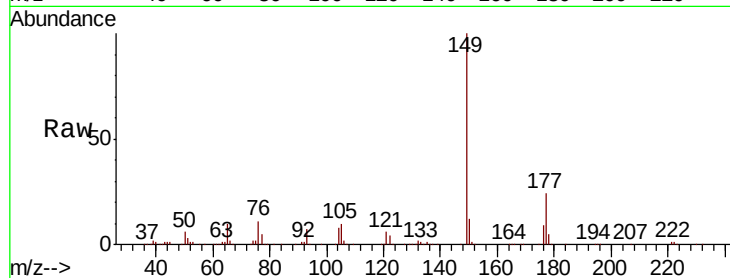




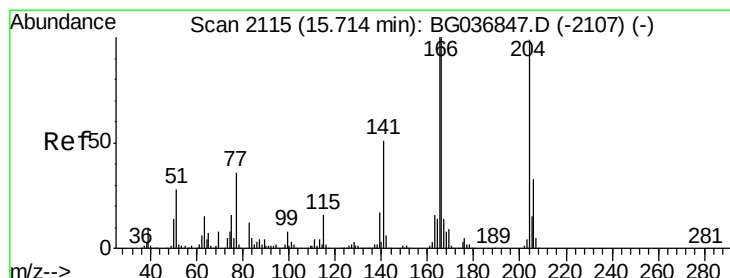
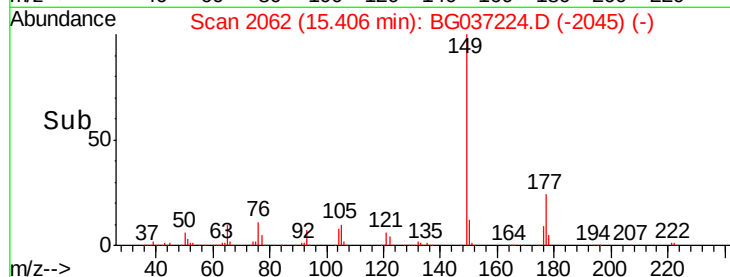
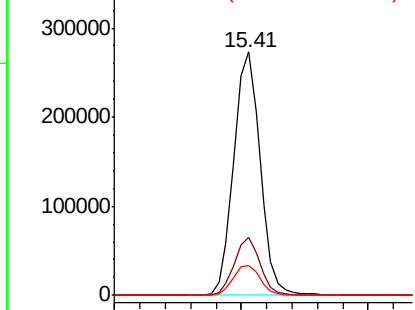
#59
Diethylphthalate
Concen: 45.692 ng
RT: 15.41 min Scan# 2062
Delta R.T. 0.00 min
Lab File: BG037224.D
Acq: 9 Oct 2018 19:28

Instrument :
BNA_G
ClientSampleId :
PHASE-3-SOILMS

Tgt Ion:149 Resp: 394257
Ion Ratio Lower Upper
149 100
177 23.9 19.1 28.7
150 12.4 10.7 16.1

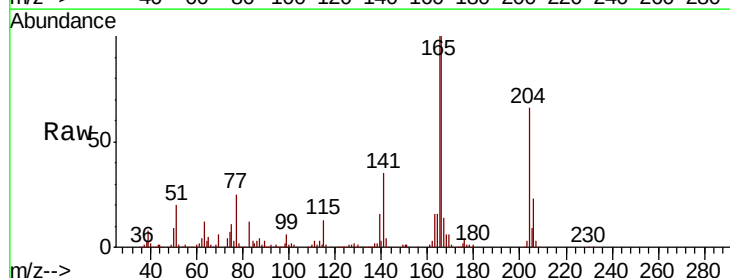


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

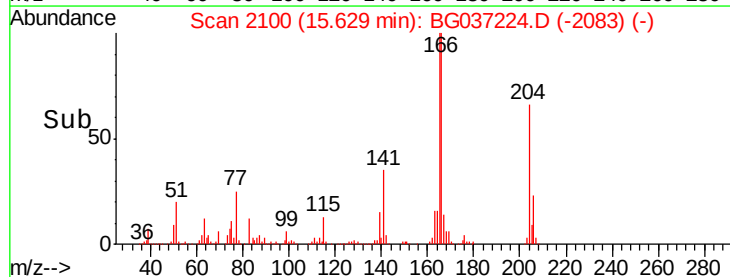
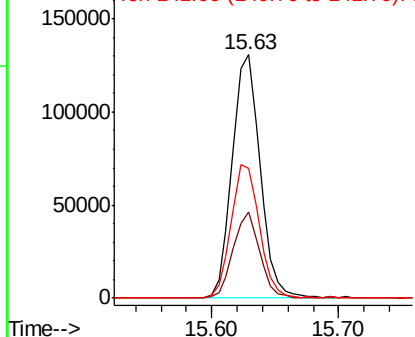


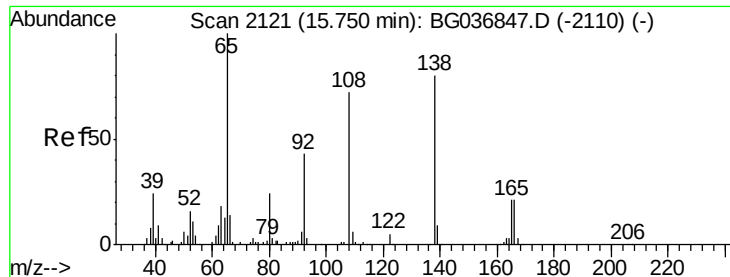
#60
4-Chlorophenyl-phenylether
Concen: 40.943 ng
RT: 15.63 min Scan# 2100
Delta R.T. 0.00 min
Lab File: BG037224.D
Acq: 9 Oct 2018 19:28

Tgt Ion:204 Resp: 198732
Ion Ratio Lower Upper
204 100
206 35.4 27.0 40.4
141 53.5 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

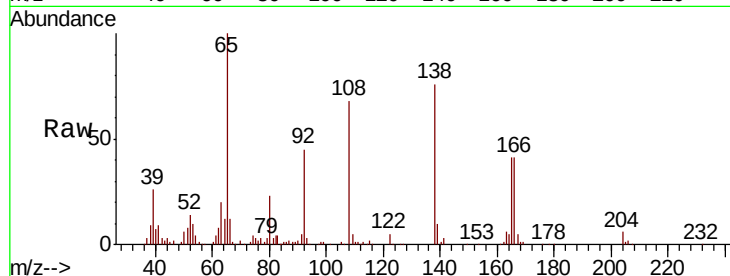




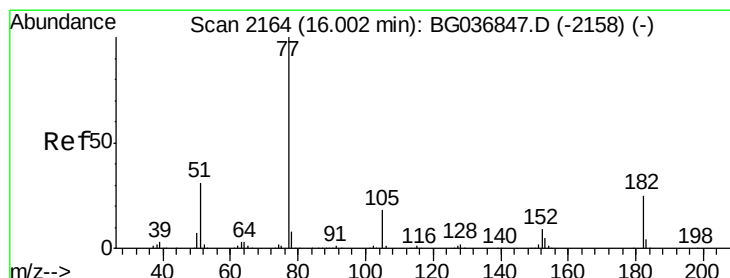
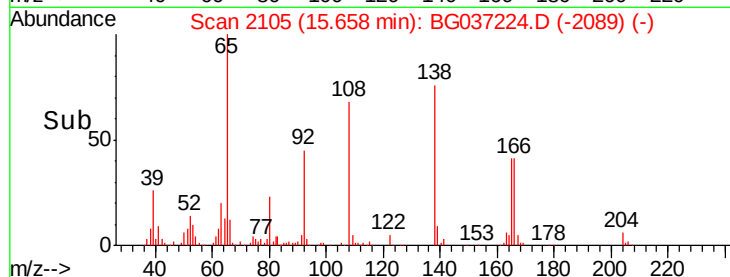
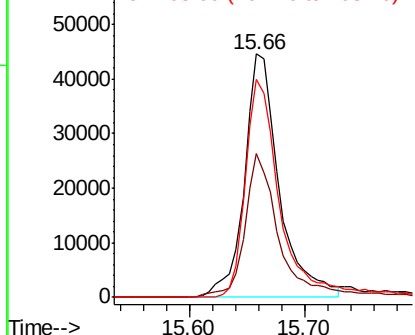
#61
4-Nitroaniline
Concen: 45.388 ng
RT: 15.66 min Scan# 2105
Delta R.T. -0.00 min
Lab File: BG037224.D
Acq: 9 Oct 2018 19:28

Instrument :
BNA_G
ClientSampleId :
PHASE-3-SOILMS

Tgt Ion: 138 Resp: 93904
Ion Ratio Lower Upper
138 100
92 59.1 38.5 78.5
108 89.6 70.3 110.3

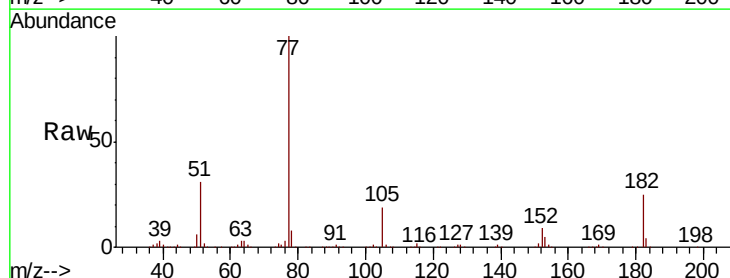


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E

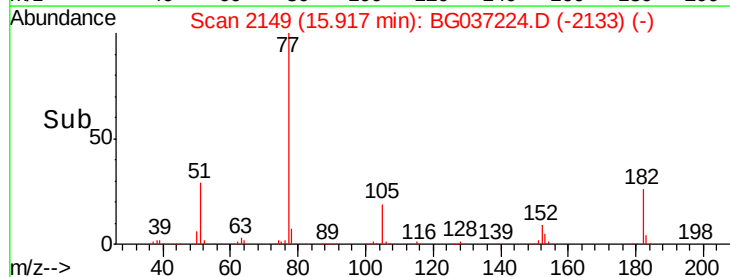
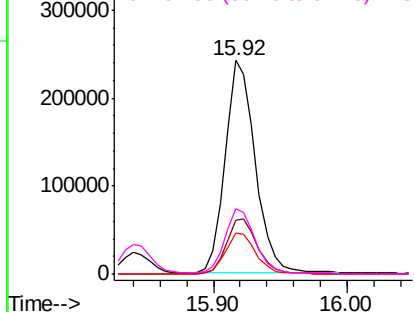


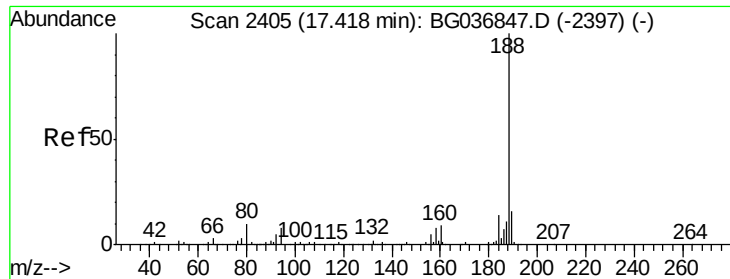
#62
Azobenzene
Concen: 46.310 ng
RT: 15.92 min Scan# 2149
Delta R.T. -0.00 min
Lab File: BG037224.D
Acq: 9 Oct 2018 19:28

Tgt Ion: 77 Resp: 383949
Ion Ratio Lower Upper
77 100
182 25.4 6.7 46.7
105 19.3 0.0 39.8
51 30.8 12.4 52.4



Abundance Ion 77.00 (76.70 to 77.70): BG
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BG

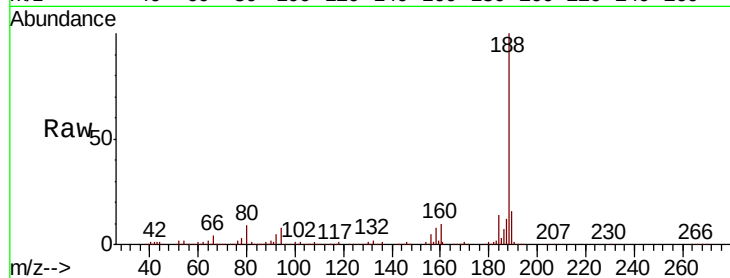




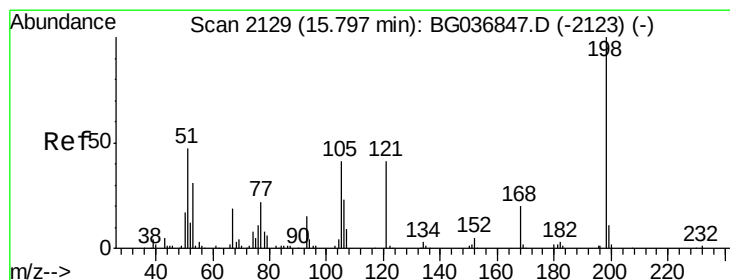
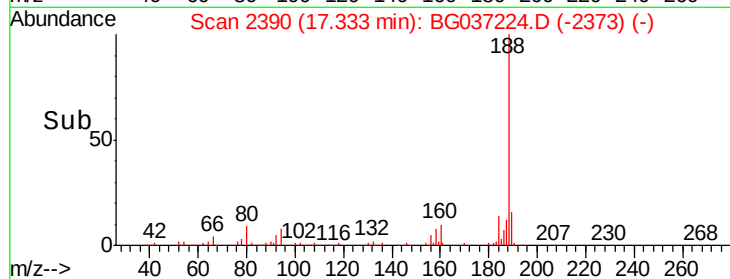
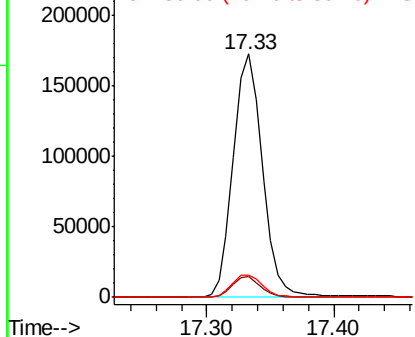
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.33 min Scan# 2390
Delta R.T. 0.00 min
Lab File: BG037224.D
Acq: 9 Oct 2018 19:28

Instrument :
BNA_G
ClientSampleId :
PHASE-3-SOILMS

Tgt Ion:188 Resp: 276525
Ion Ratio Lower Upper
188 100
94 8.4 6.7 10.1
80 9.1 8.1 12.1

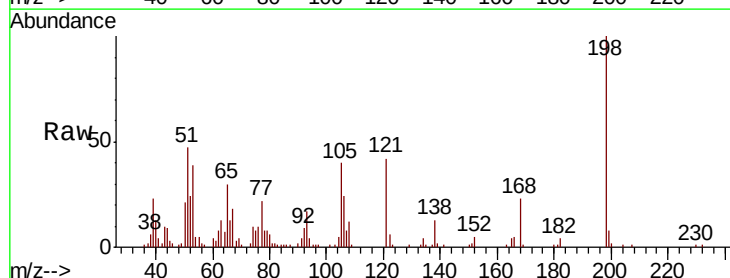


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

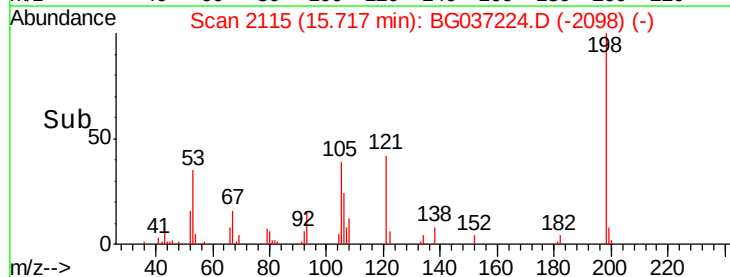
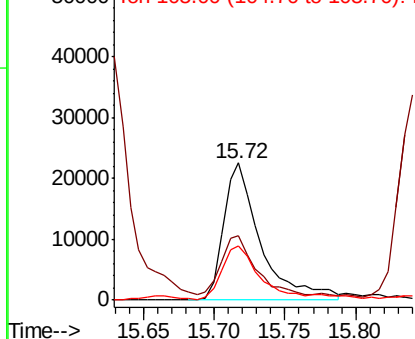


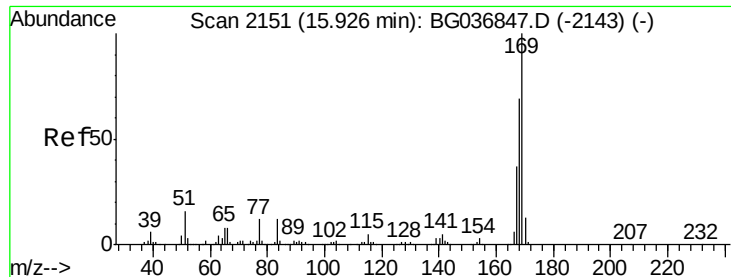
#64
4,6-Dinitro-2-methylphenol
Concen: 28.317 ng
RT: 15.72 min Scan# 2115
Delta R.T. 0.00 min
Lab File: BG037224.D
Acq: 9 Oct 2018 19:28

Tgt Ion:198 Resp: 40938
Ion Ratio Lower Upper
198 100
51 46.6 26.5 66.5
105 40.0 20.2 60.2



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

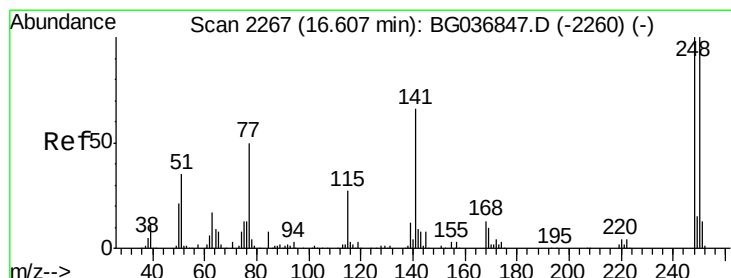
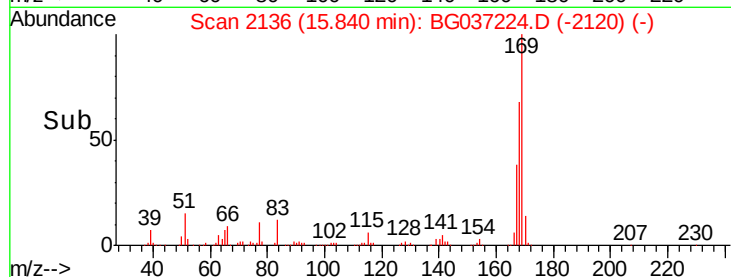
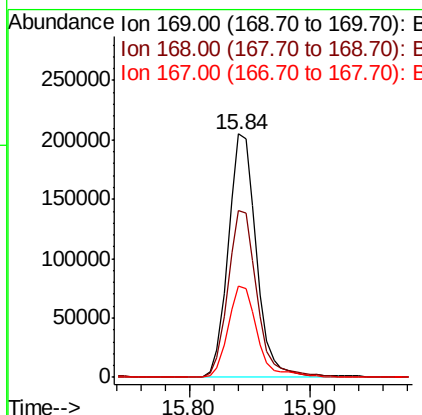
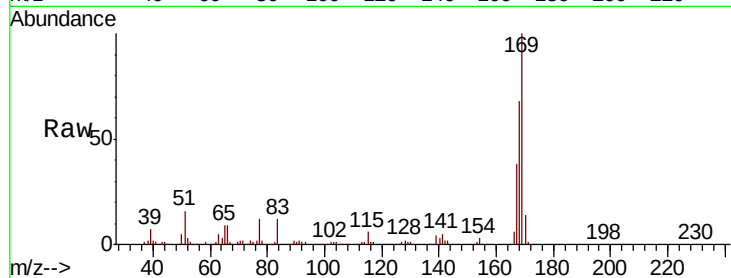




#65
 n-Nitrosodiphenylamine
 Concen: 43.502 ng
 RT: 15.84 min Scan# 2136
 Delta R.T. -0.00 min
 Lab File: BG037224.D
 Acq: 9 Oct 2018 19:28

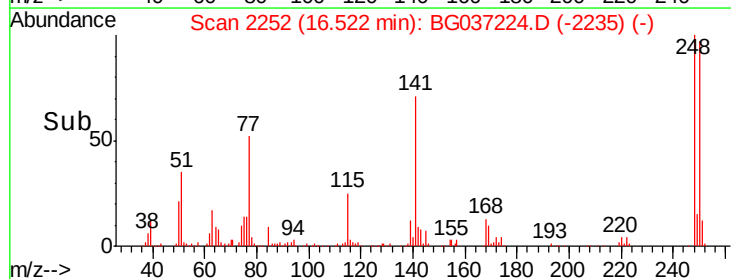
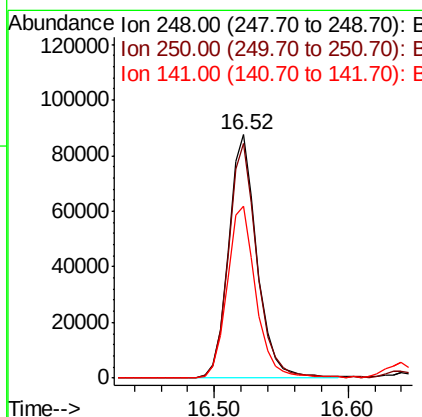
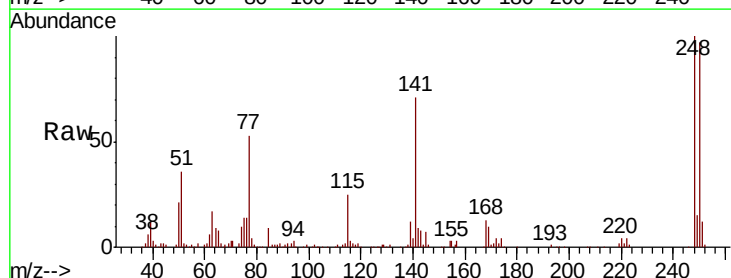
Instrument :
 BNA_G
 ClientSampleId :
 PHASE-3-SOILMS

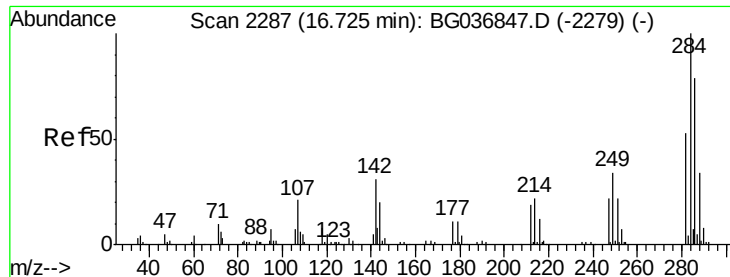
Tgt Ion:169 Resp: 332101
 Ion Ratio Lower Upper
 169 100
 168 68.3 57.6 86.4
 167 37.7 31.0 46.4



#66
 4-Bromophenyl-phenylether
 Concen: 41.325 ng
 RT: 16.52 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: BG037224.D
 Acq: 9 Oct 2018 19:28

Tgt Ion:248 Resp: 129979
 Ion Ratio Lower Upper
 248 100
 250 96.5 78.1 117.1
 141 70.7 53.7 80.5





#67

Hexachlorobenzene

Concen: 41.230 ng

RT: 16.64 min Scan# 2272

Delta R.T. 0.00 min

Lab File: BG037224.D

Acq: 9 Oct 2018 19:28

Instrument :

BNA_G

ClientSampleId :

PHASE-3-SOILMS

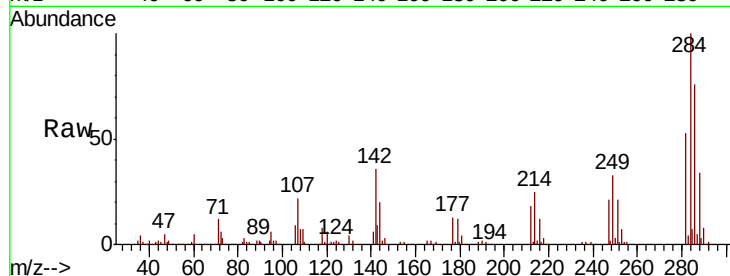
Tgt Ion:284 Resp: 133562

Ion Ratio Lower Upper

284 100

142 36.4 27.8 41.6

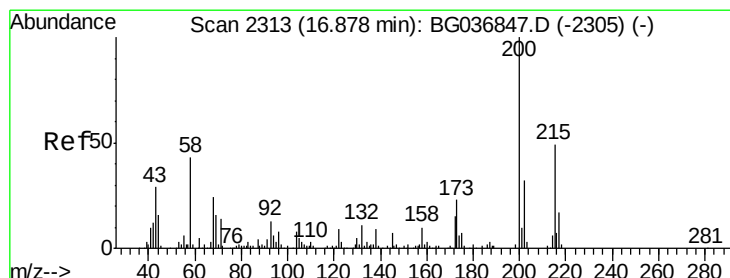
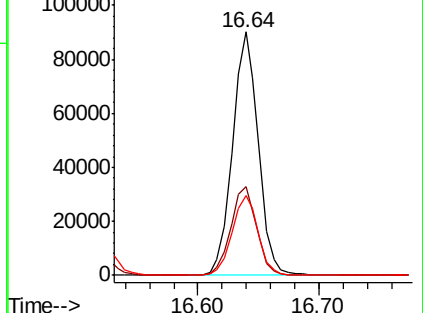
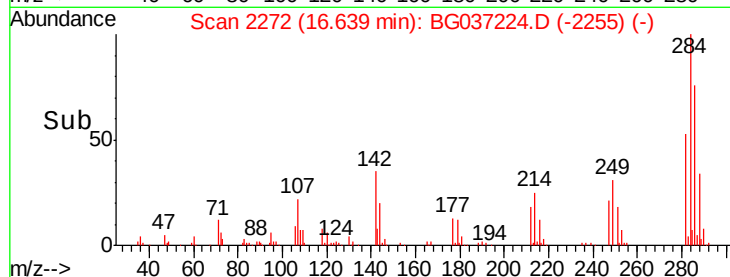
249 33.0 27.4 41.2



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: 48.134 ng

RT: 16.79 min Scan# 2298

Delta R.T. 0.00 min

Lab File: BG037224.D

Acq: 9 Oct 2018 19:28

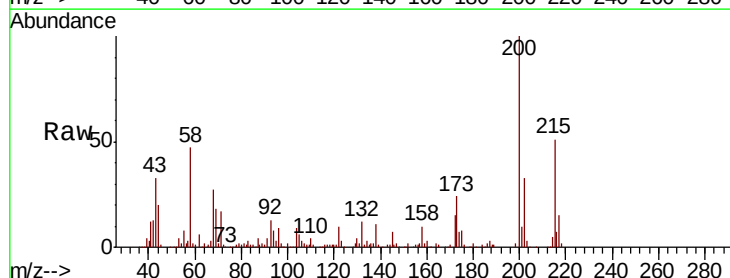
Tgt Ion:200 Resp: 148787

Ion Ratio Lower Upper

200 100

173 23.6 3.9 43.9

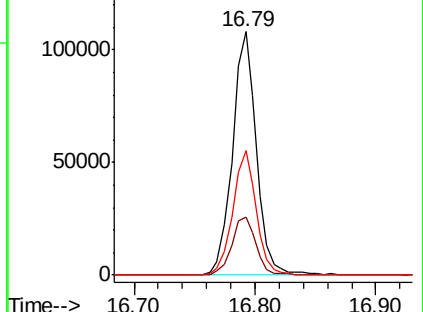
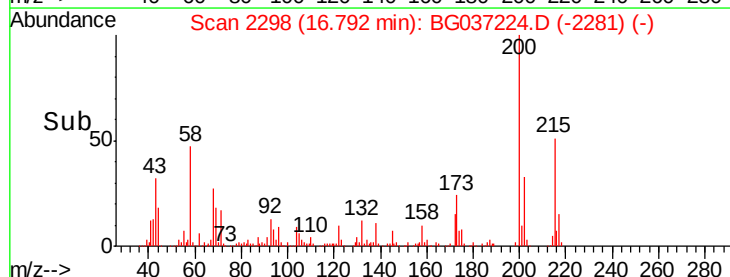
215 51.3 30.4 70.4

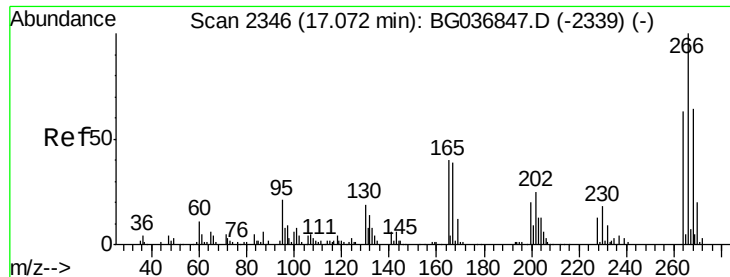


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 31.271 ng

RT: 16.99 min Scan# 2331

Delta R.T. -0.00 min

Lab File: BG037224.D

Acq: 9 Oct 2018 19:28

Instrument :

BNA_G

ClientSampleId :

PHASE-3-SOILMS

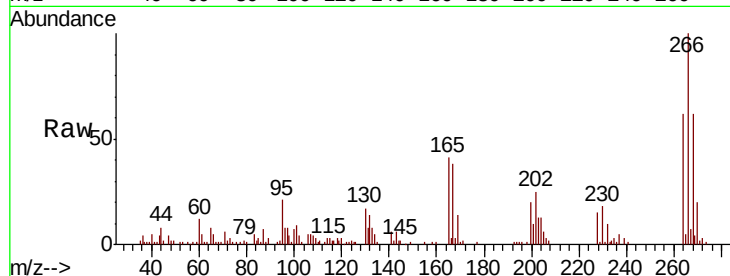
Tgt Ion:266 Resp: 63779

Ion Ratio Lower Upper

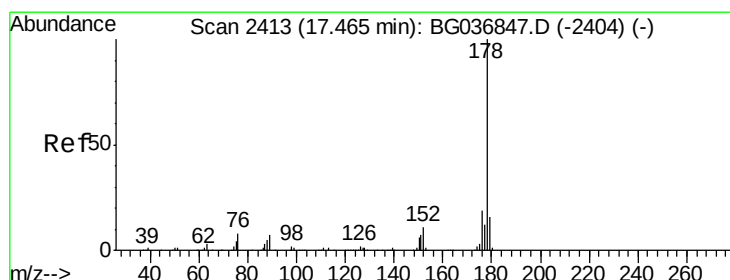
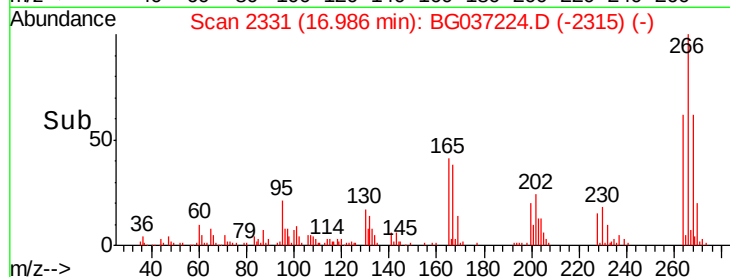
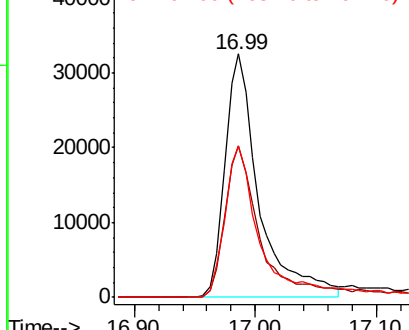
266 100

268 62.0 51.4 77.2

264 62.1 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: 48.307 ng

RT: 17.37 min Scan# 2397

Delta R.T. 0.00 min

Lab File: BG037224.D

Acq: 9 Oct 2018 19:28

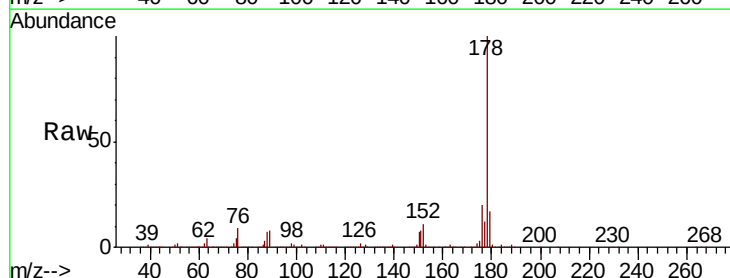
Tgt Ion:178 Resp: 643721

Ion Ratio Lower Upper

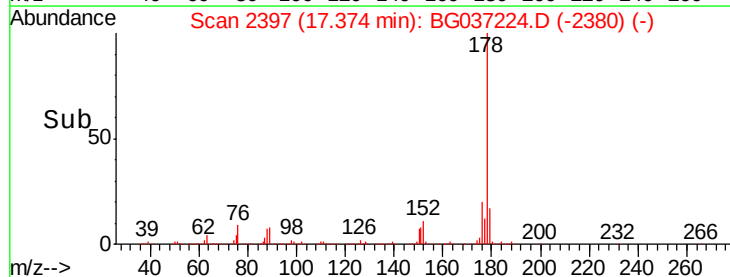
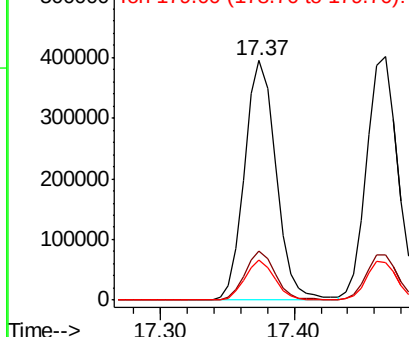
178 100

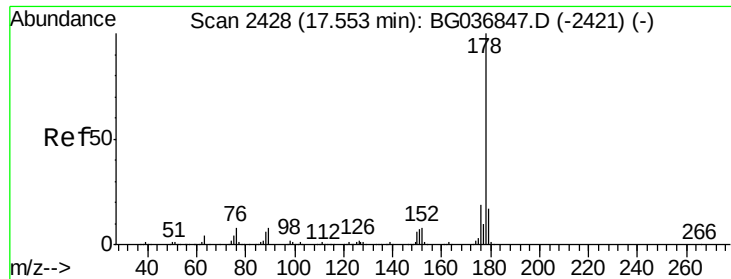
176 20.3 15.4 23.2

179 16.5 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: 48.787 ng

RT: 17.47 min Scan# 2413

Delta R.T. 0.00 min

Lab File: BG037224.D

Acq: 9 Oct 2018 19:28

Instrument :

BNA_G

ClientSampleId :

PHASE-3-SOILMS

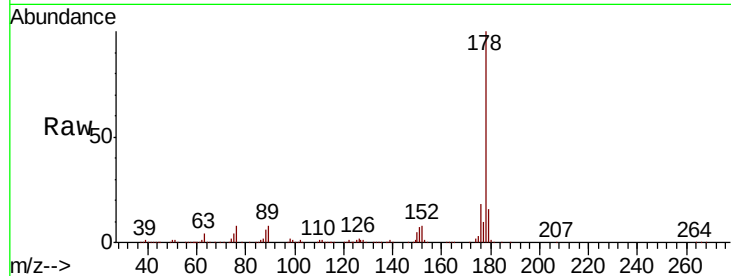
Tgt Ion:178 Resp: 642842

Ion Ratio Lower Upper

178 100

176 18.4 15.4 23.2

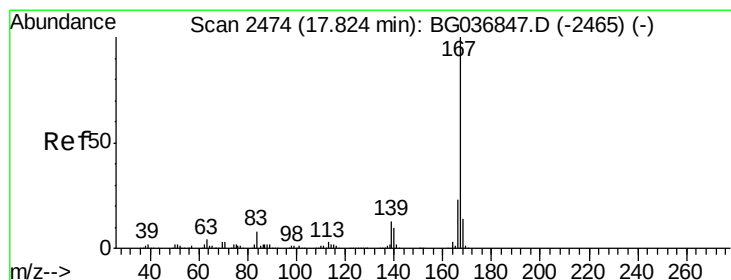
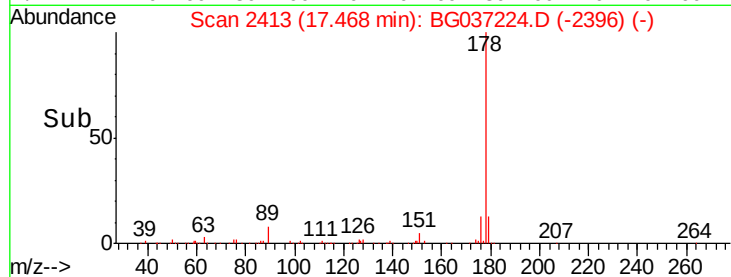
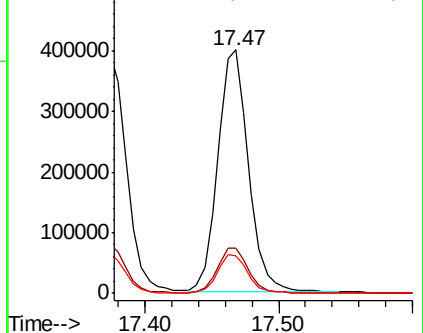
179 15.5 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 46.556 ng

RT: 17.74 min Scan# 2459

Delta R.T. 0.00 min

Lab File: BG037224.D

Acq: 9 Oct 2018 19:28

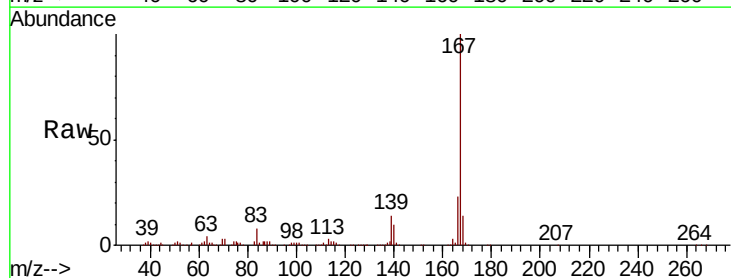
Tgt Ion:167 Resp: 598109

Ion Ratio Lower Upper

167 100

166 22.8 19.5 29.3

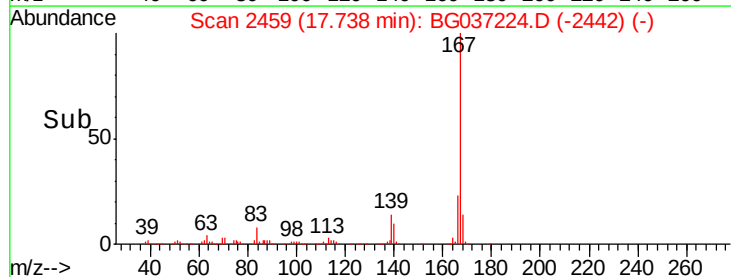
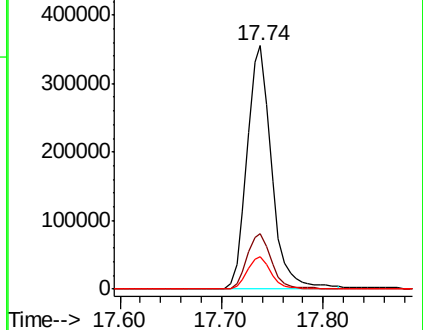
139 13.6 10.7 16.1

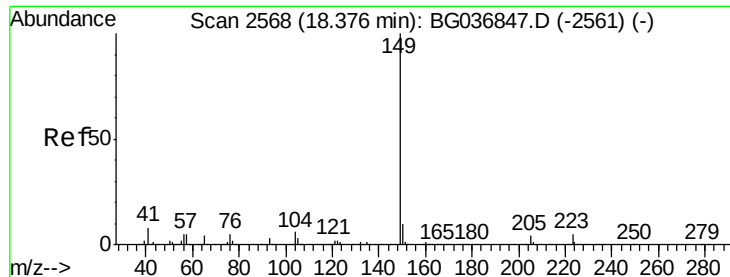


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

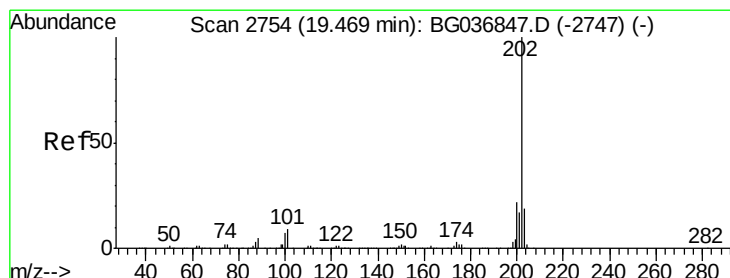
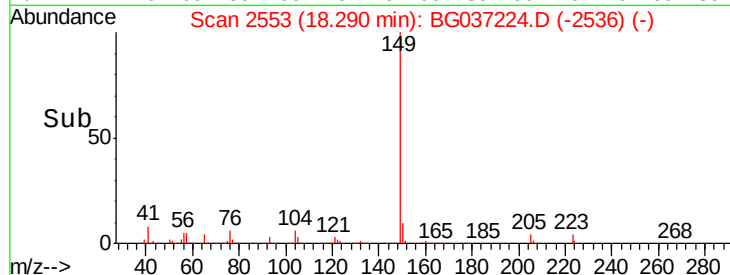
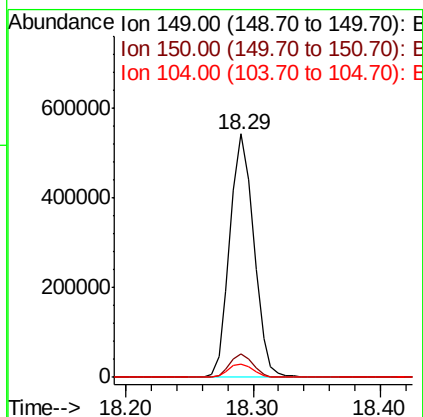
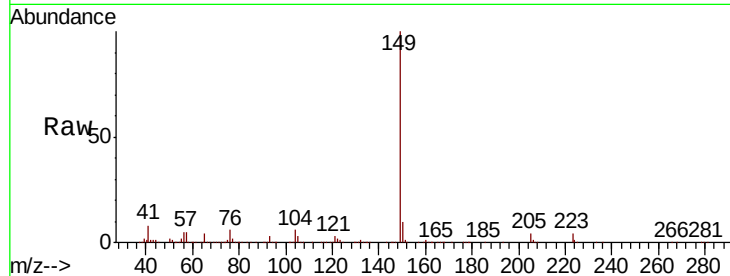




#73
Di-n-butylphthalate
Concen: 50.036 ng
RT: 18.29 min Scan# 2553
Delta R.T. 0.00 min
Lab File: BG037224.D
Acq: 9 Oct 2018 19:28

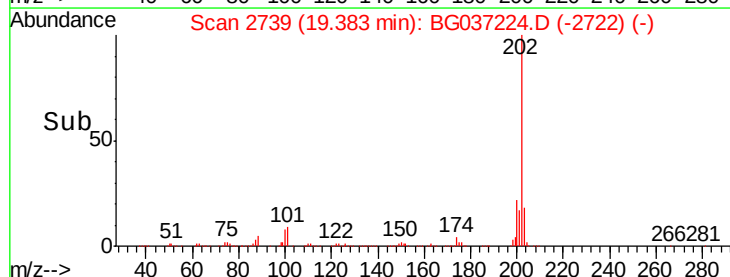
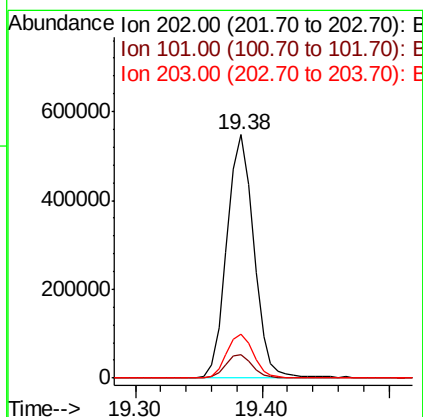
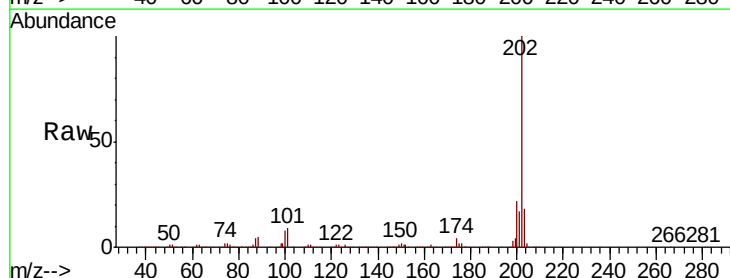
Instrument :
BNA_G
ClientSampleId :
PHASE-3-SOILMS

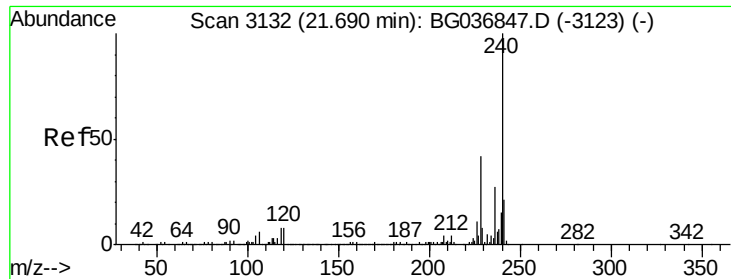
Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	8.1	12.1
104	5.6	4.6	6.8



#74
Fluoranthene
Concen: 50.329 ng
RT: 19.38 min Scan# 2739
Delta R.T. 0.00 min
Lab File: BG037224.D
Acq: 9 Oct 2018 19:28

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	29.4
203	18.3	0.0	38.9

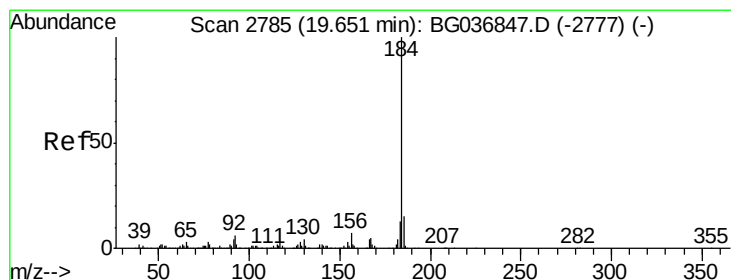
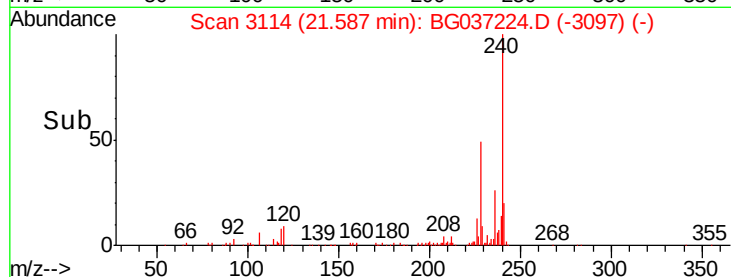
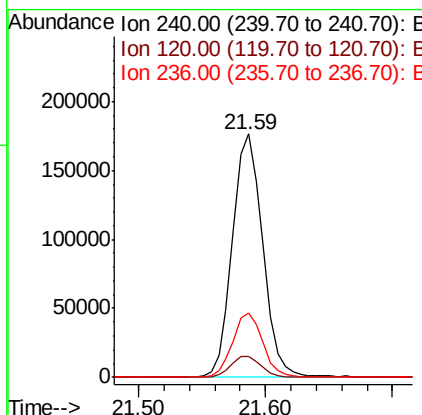
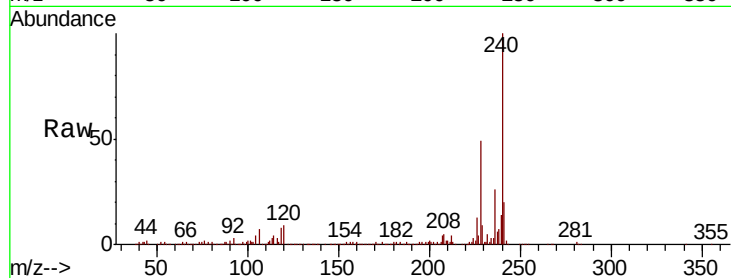




#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.59 min Scan# 3114
Delta R.T. 0.00 min
Lab File: BG037224.D
Acq: 9 Oct 2018 19:28

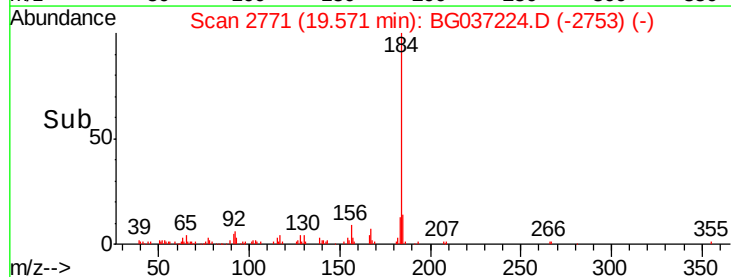
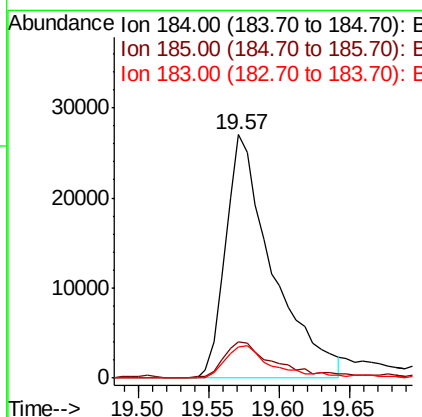
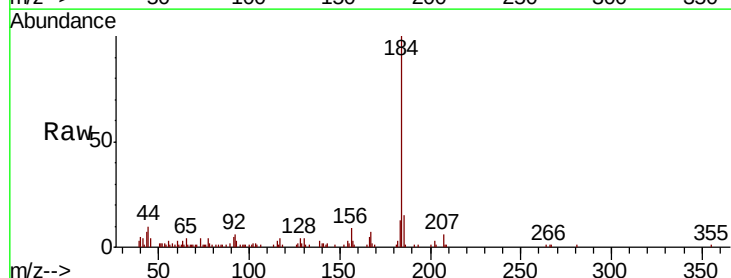
Instrument :
BNA_G
ClientSampleId :
PHASE-3-SOILMS

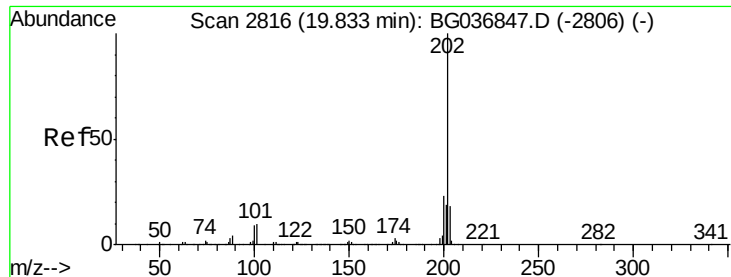
Tgt Ion:240 Resp: 291907
Ion Ratio Lower Upper
240 100
120 8.6 6.9 10.3
236 26.3 21.2 31.8



#76
Benzidine
Concen: 7.054 ng
RT: 19.57 min Scan# 2771
Delta R.T. 0.01 min
Lab File: BG037224.D
Acq: 9 Oct 2018 19:28

Tgt Ion:184 Resp: 62248
Ion Ratio Lower Upper
184 100
185 15.0 12.6 18.8
183 13.0 10.9 16.3

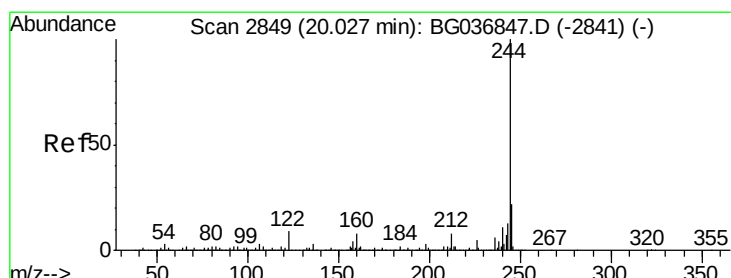
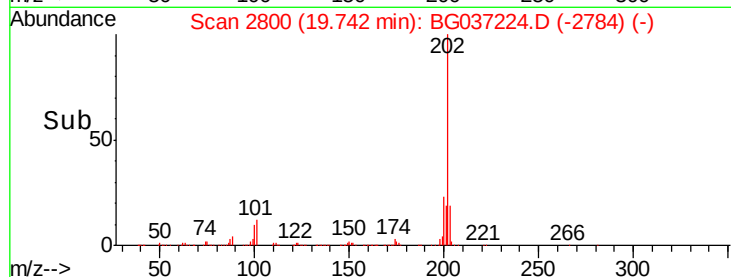
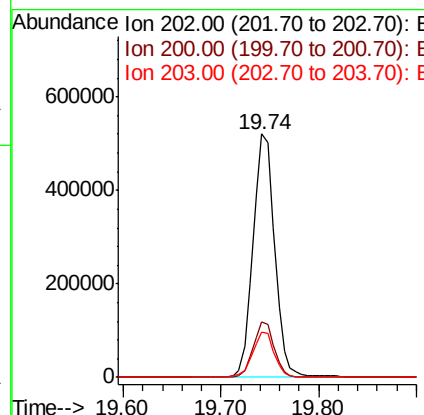
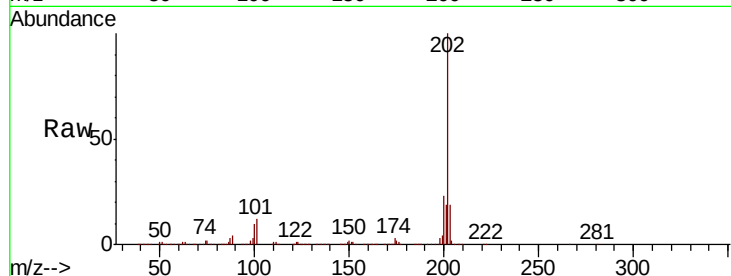




#77
 Pyrene
 Concen: 46.000 ng
 RT: 19.74 min Scan# 2800
 Delta R.T. -0.00 min
 Lab File: BG037224.D
 Acq: 9 Oct 2018 19:28

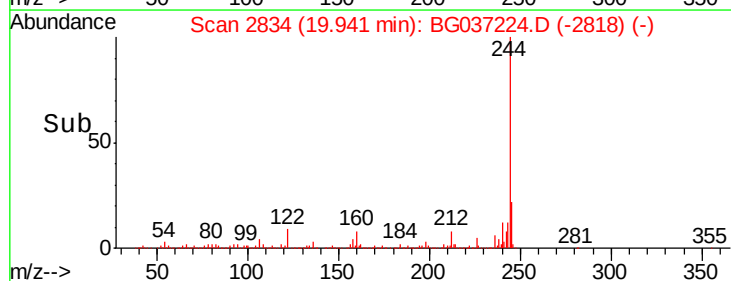
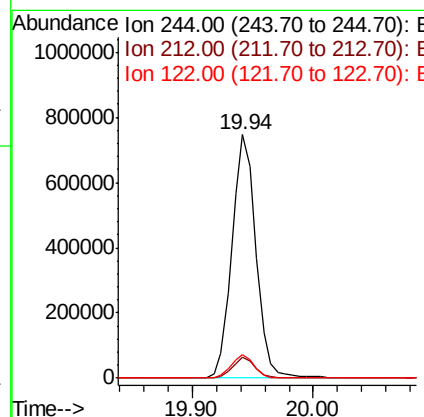
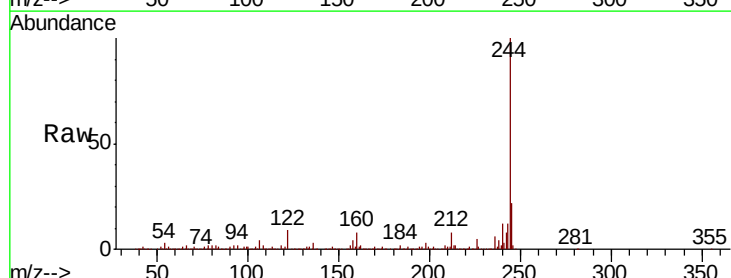
Instrument :
 BNA_G
 ClientSampleId :
 PHASE-3-SOILMS

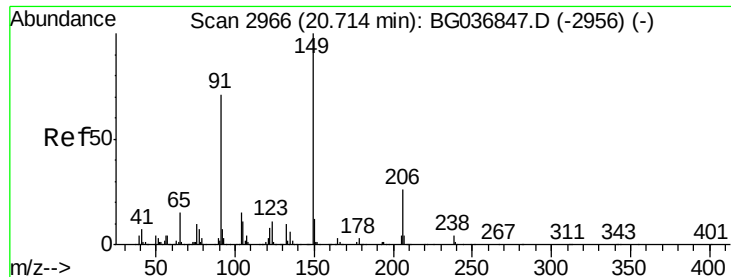
Tgt Ion:202 Resp: 805772
 Ion Ratio Lower Upper
 202 100
 200 22.8 18.3 27.5
 203 18.6 15.1 22.7



#78
 Terphenyl-d14
 Concen: 93.235 ng
 RT: 19.94 min Scan# 2834
 Delta R.T. -0.00 min
 Lab File: BG037224.D
 Acq: 9 Oct 2018 19:28

Tgt Ion:244 Resp: 1035023
 Ion Ratio Lower Upper
 244 100
 212 8.3 7.0 10.6
 122 9.4 7.1 10.7

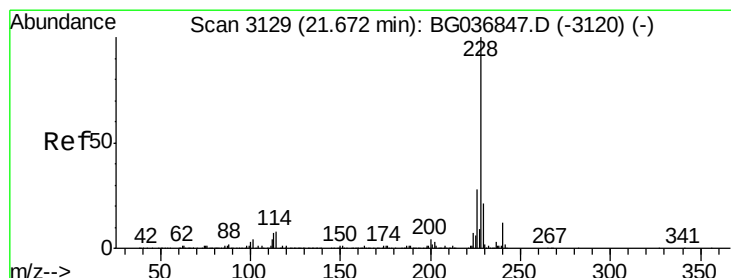
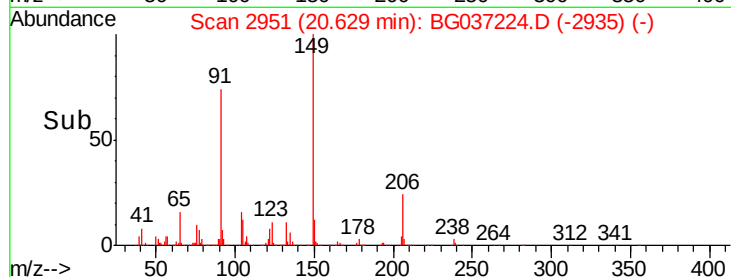
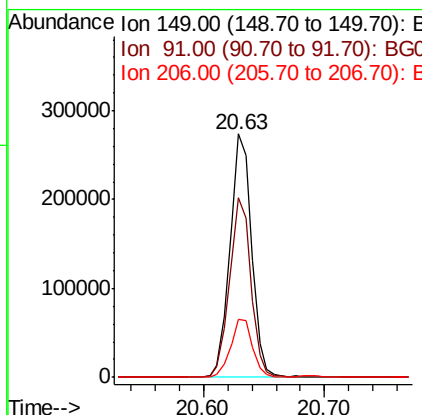
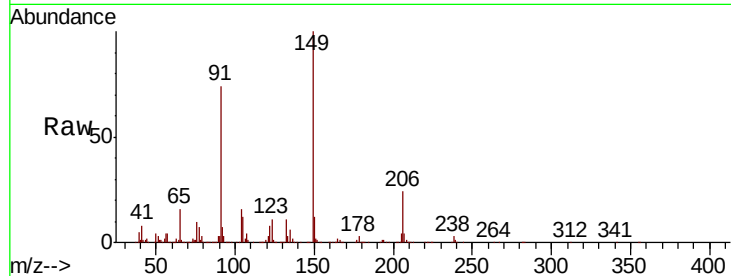




#79
Butylbenzylphthalate
Concen: 49.201 ng
RT: 20.63 min Scan# 2951
Delta R.T. -0.00 min
Lab File: BG037224.D
Acq: 9 Oct 2018 19:28

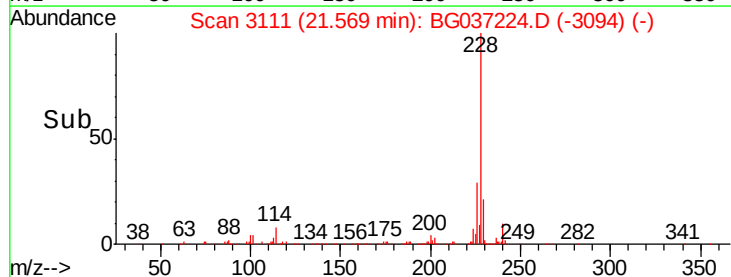
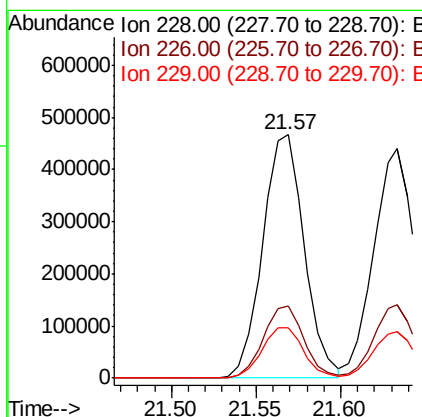
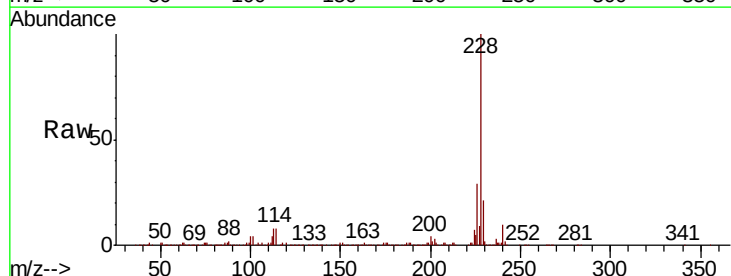
Instrument :
BNA_G
ClientSampleId :
PHASE-3-SOILMS

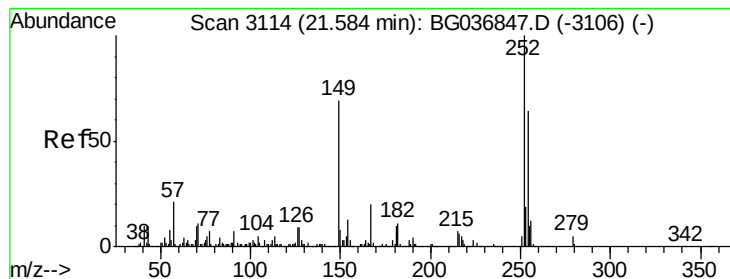
Tgt Ion	Ratio	Lower	Upper
149	100		
91	74.0	62.0	93.0
206	23.6	19.6	29.4



#80
Benzo(a)anthracene
Concen: 46.888 ng
RT: 21.57 min Scan# 3111
Delta R.T. 0.00 min
Lab File: BG037224.D
Acq: 9 Oct 2018 19:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.4	35.2
229	20.7	17.1	25.7





#81

3,3'-Dichlorobenzidine

Concen: 15.749 ng

RT: 21.49 min Scan# 3097

Delta R.T. 0.00 min

Lab File: BG037224.D

Acq: 9 Oct 2018 19:28

Instrument :

BNA_G

ClientSampleId :

PHASE-3-SOILMS

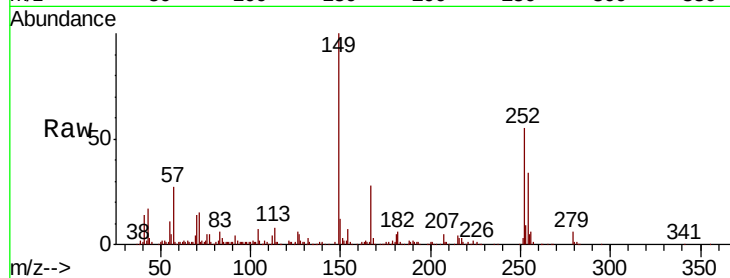
Tgt Ion:252 Resp: 102148

Ion Ratio Lower Upper

252 100

254 61.3 51.0 76.4

126 10.4 7.4 11.0

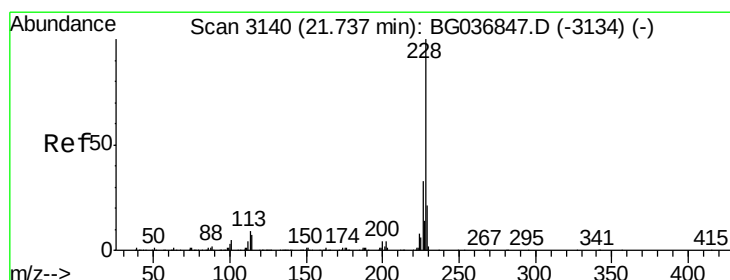
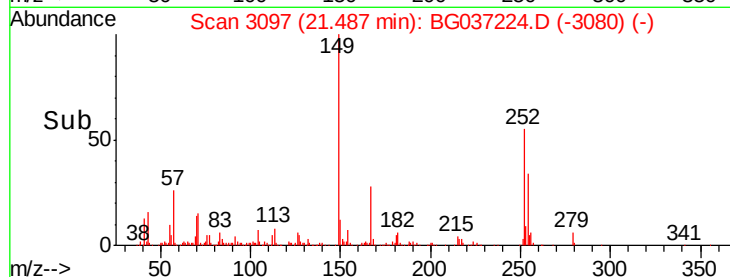
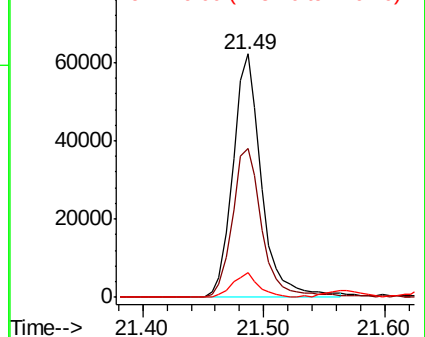


Abundance

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: 45.138 ng

RT: 21.63 min Scan# 3122

Delta R.T. 0.00 min

Lab File: BG037224.D

Acq: 9 Oct 2018 19:28

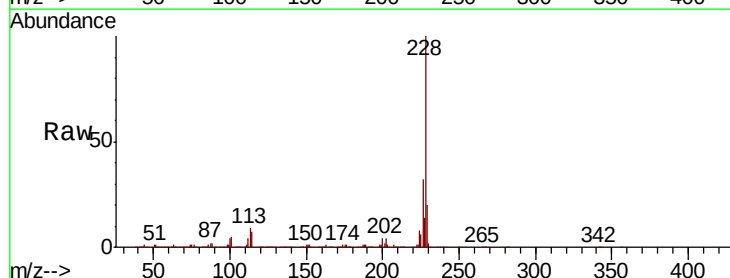
Tgt Ion:228 Resp: 743151

Ion Ratio Lower Upper

228 100

226 31.9 25.5 38.3

229 20.4 16.9 25.3

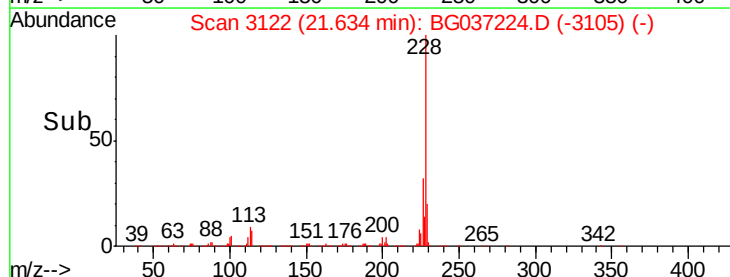
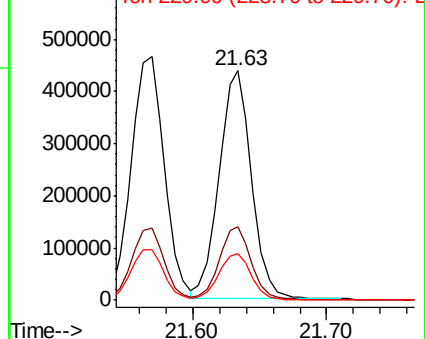


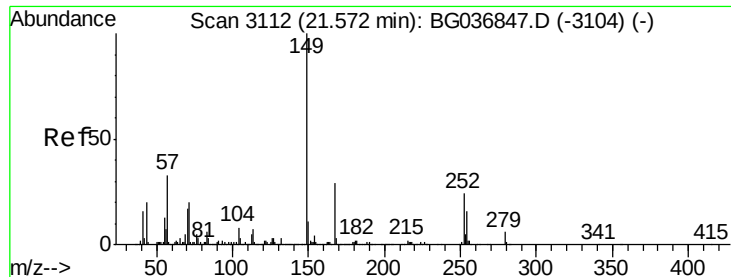
Abundance

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

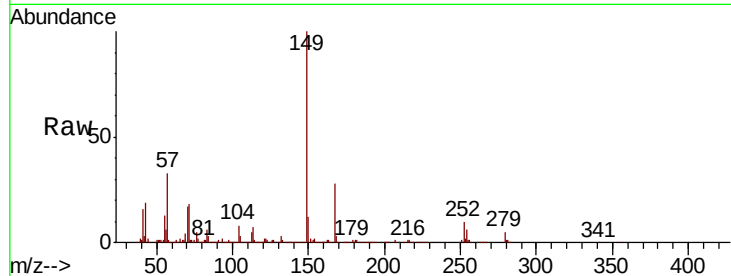




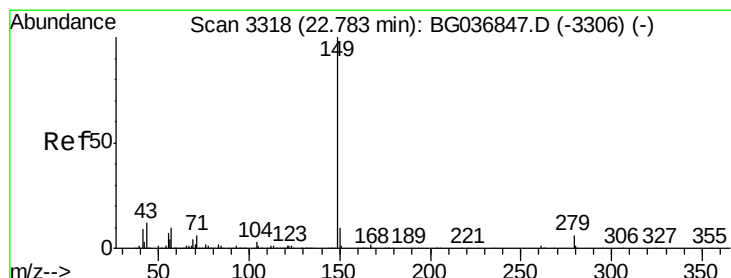
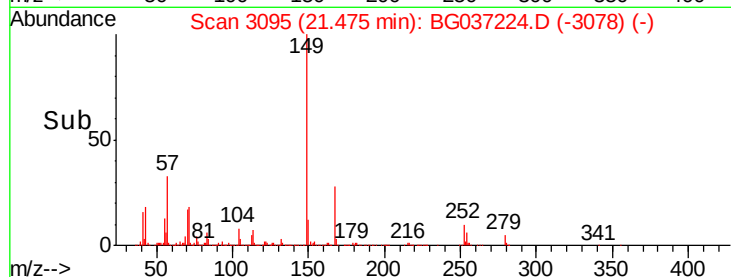
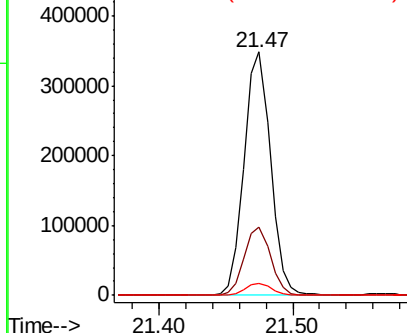
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.793 ng
 RT: 21.47 min Scan# 3095
 Delta R.T. 0.00 min
 Lab File: BG037224.D
 Acq: 9 Oct 2018 19:28

Instrument :
 BNA_G
 ClientSampleId :
 PHASE-3-SOILMS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.3	23.4	35.0
279	5.0	4.6	7.0

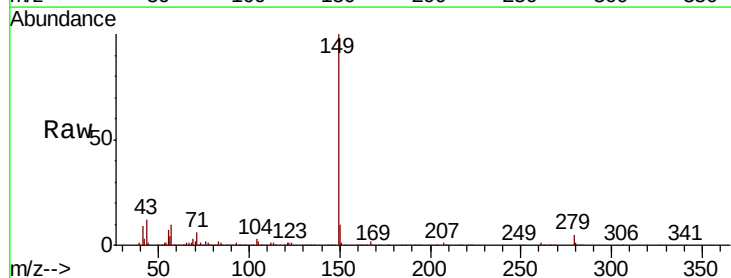


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

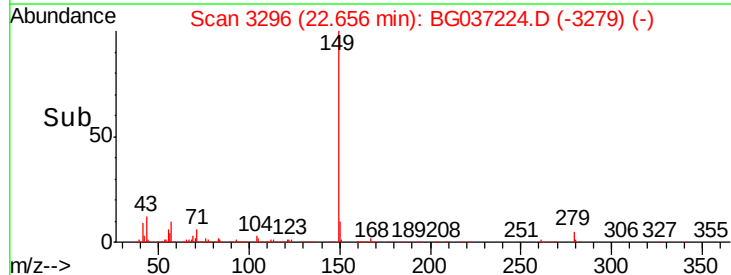
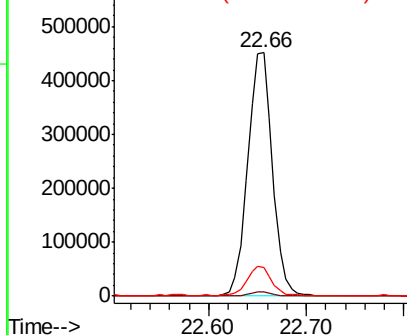


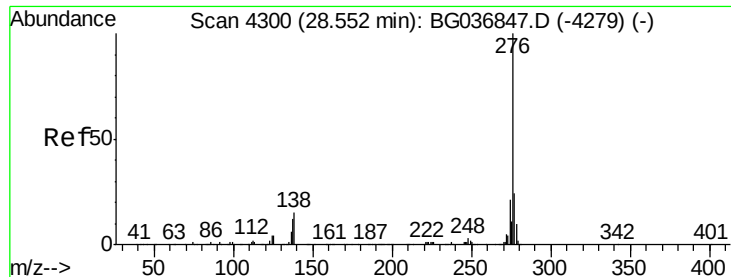
#84
 Di-n-octyl phthalate
 Concen: 49.892 ng
 RT: 22.66 min Scan# 3296
 Delta R.T. 0.00 min
 Lab File: BG037224.D
 Acq: 9 Oct 2018 19:28

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	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

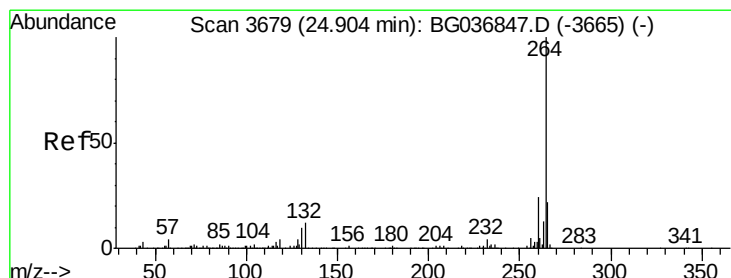
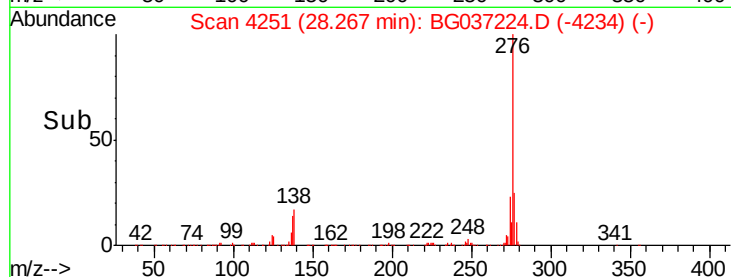
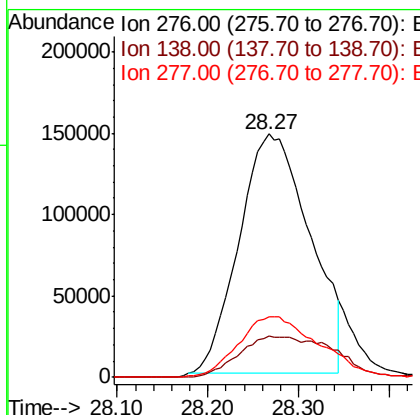
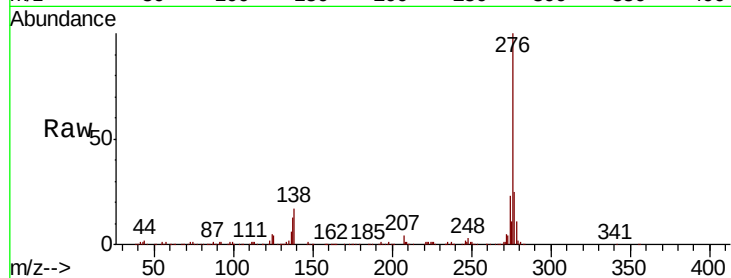




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.172 ng
 RT: 28.27 min Scan# 4251
 Delta R.T. 0.00 min
 Lab File: BG037224.D
 Acq: 9 Oct 2018 19:28

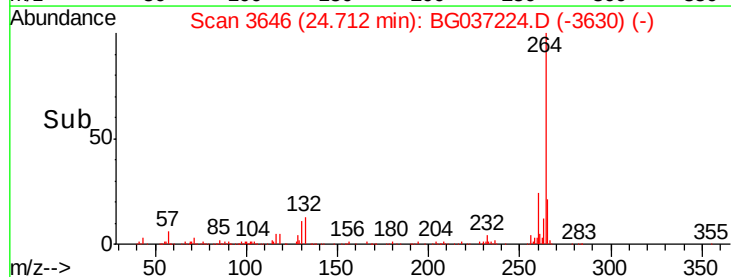
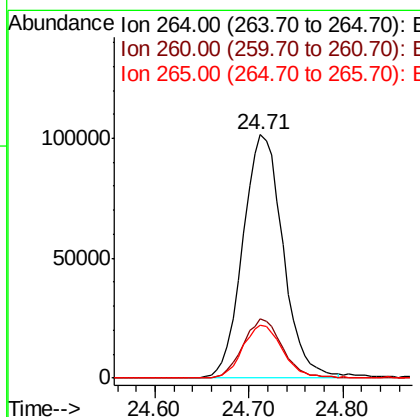
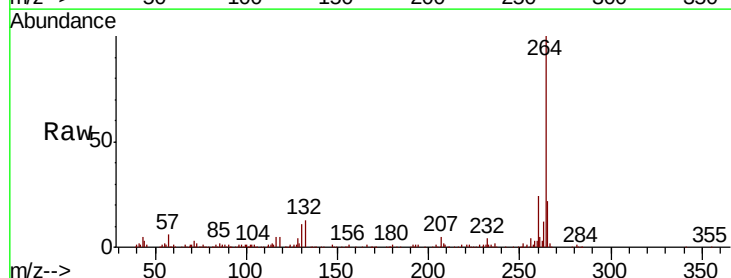
Instrument :
 BNA_G
 ClientSampleId :
 PHASE-3-SOILMS

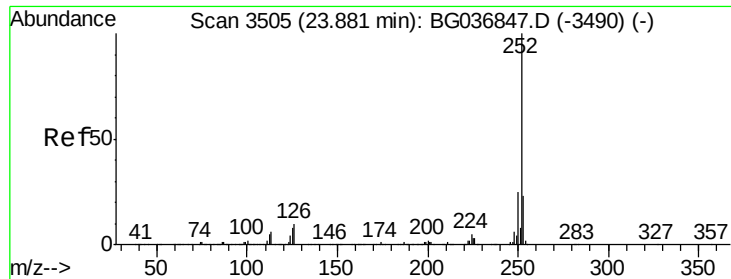
Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.0	10.6	15.8#
277	25.5	20.6	30.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.71 min Scan# 3646
 Delta R.T. -0.00 min
 Lab File: BG037224.D
 Acq: 9 Oct 2018 19:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.6	29.4
265	21.6	17.4	26.0

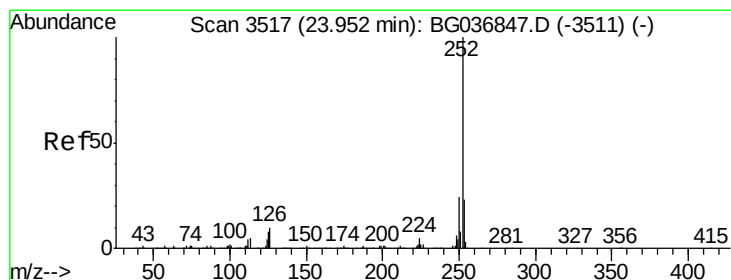
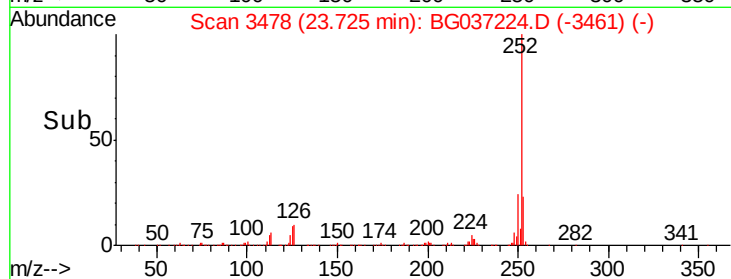
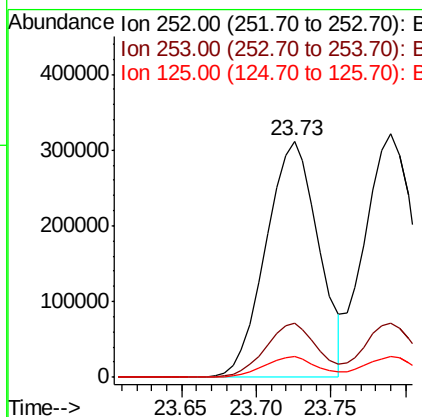
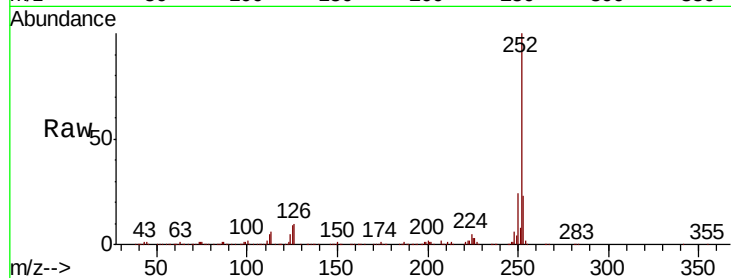




#87
Benzo(b)fluoranthene
Concen: 47.764 ng
RT: 23.73 min Scan# 3478
Delta R.T. 0.00 min
Lab File: BG037224.D
Acq: 9 Oct 2018 19:28

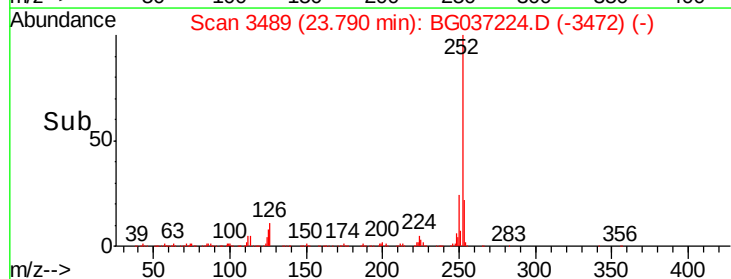
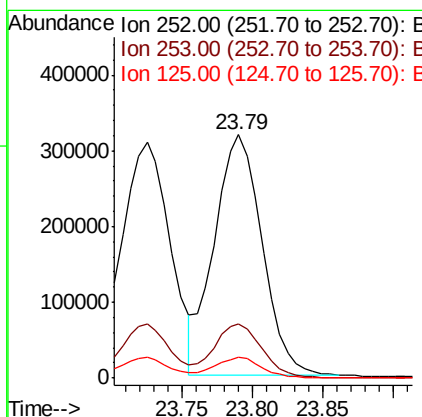
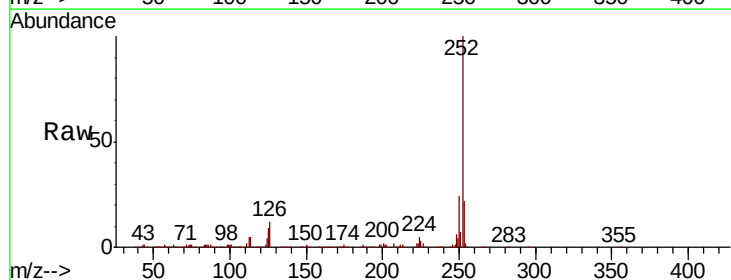
Instrument :
BNA_G
ClientSampleId :
PHASE-3-SOILMS

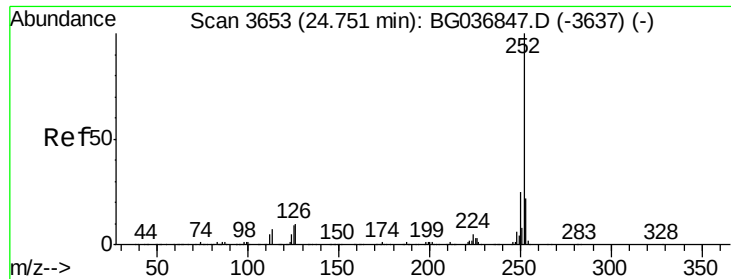
Tgt Ion: 252 Resp: 763719
Ion Ratio Lower Upper
252 100
253 22.9 17.1 25.7
125 8.7 6.6 10.0



#88
Benzo(k)fluoranthene
Concen: 46.533 ng
RT: 23.79 min Scan# 3489
Delta R.T. 0.00 min
Lab File: BG037224.D
Acq: 9 Oct 2018 19:28

Tgt Ion: 252 Resp: 746452
Ion Ratio Lower Upper
252 100
253 22.4 18.0 27.0
125 8.6 7.0 10.6





#89

Benzo(a)pyrene

Concen: 48.680 ng

RT: 24.57 min Scan# 3622

Delta R.T. 0.00 min

Lab File: BG037224.D

Acq: 9 Oct 2018 19:28

Instrument :

BNA_G

ClientSampleId :

PHASE-3-SOILMS

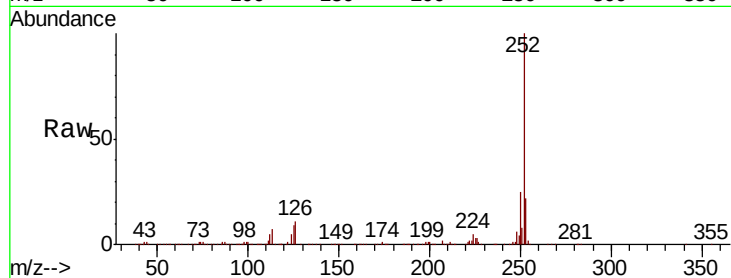
Tgt Ion:252 Resp: 752503

Ion Ratio Lower Upper

252 100

253 22.4 18.2 27.2

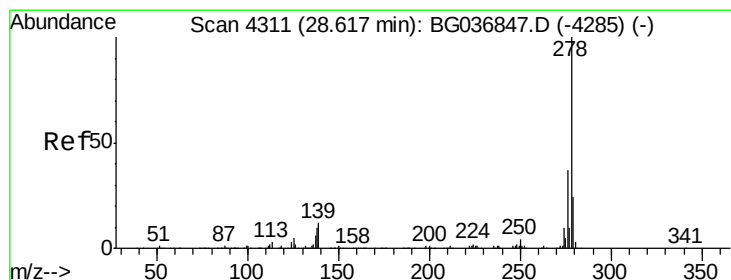
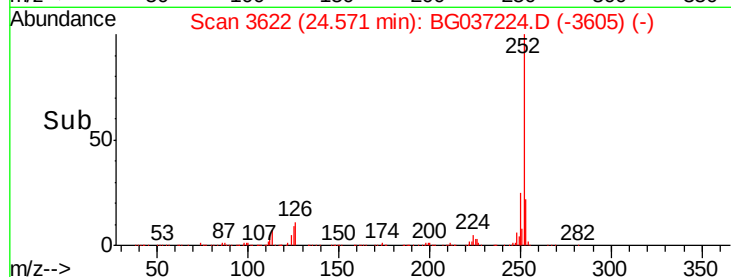
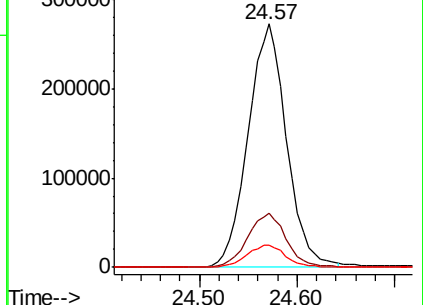
125 9.2 7.3 10.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 46.084 ng

RT: 28.33 min Scan# 4262

Delta R.T. 0.00 min

Lab File: BG037224.D

Acq: 9 Oct 2018 19:28

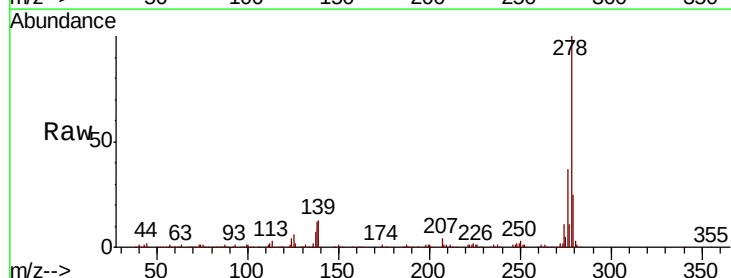
Tgt Ion:278 Resp: 667644

Ion Ratio Lower Upper

278 100

139 12.7 11.0 16.4

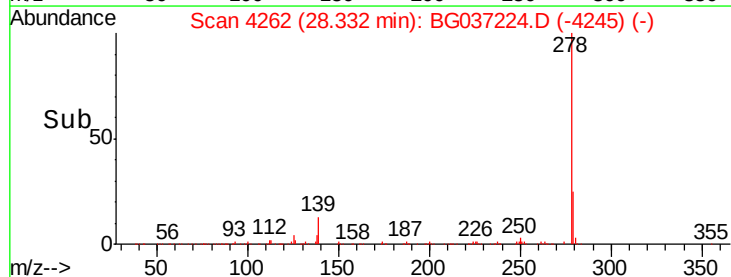
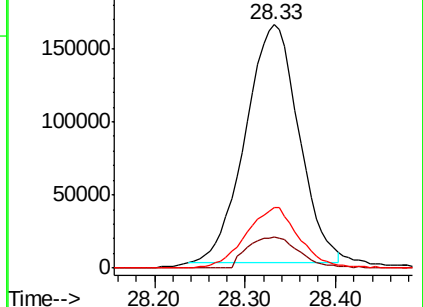
279 24.8 18.7 28.1

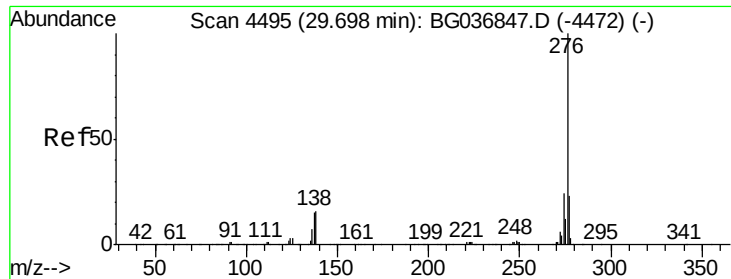


Abundance Ion 278.00 (277.70 to 278.70): E

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: 44.811 ng

RT: 29.39 min Scan# 4442

Delta R.T. 0.00 min

Lab File: BG037224.D

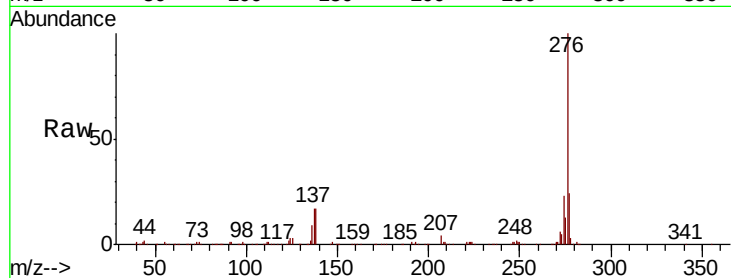
Acq: 9 Oct 2018 19:28

Instrument :

BNA_G

ClientSampleId :

PHASE-3-SOILMS



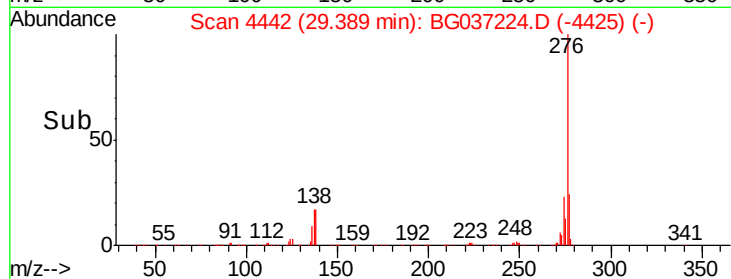
Tgt Ion: 276 Resp: 651535

Ion Ratio Lower Upper

276 100

277 23.8 18.4 27.6

138 17.5 14.6 22.0



Abundance Ion 276.00 (275.70 to 276.70): E

200000 Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

150000

100000

50000

0

29.30 29.40 29.50

Time-->