

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101218\
 Data File : BG037298.D
 Acq On : 12 Oct 2018 19:38
 Operator : JU/SJ
 Sample : J5392-02MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-DRUMMS

Quant Time: Oct 13 00:16:07 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 13:59:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	57708	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	255261	20.00	ng	0.00
39) Acenaphthene-d10	14.75	164	172446	20.00	ng	0.00
64) Phenanthrene-d10	17.50	188	424543	20.00	ng	0.00
76) Chrysene-d12	21.79	240	393775	20.00	ng	0.00
87) Perylene-d12	25.14	264	421956	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	412738	125.87	ng	0.00
7) Phenol-d6	7.26	99	553701	111.25	ng	0.00
23) Nitrobenzene-d5	9.30	82	357202	92.00	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	208549	123.31	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	843161	73.43	ng	0.00
79) Terphenyl-d14	20.10	244	1300296	69.34	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.55	88	54788	29.750	ng	# 90
3) Pyridine	3.95	79	128844	29.467	ng	94
4) n-Nitrosodimethylamine	3.86	42	76057	44.792	ng	92
6) Aniline	7.45	93	138775	21.300	ng	96
8) 2-Chlorophenol	7.68	128	172506	44.951	ng	98
9) Benzaldehyde	7.26	77	57188	16.689	ng	93
10) Phenol	7.29	94	211373	40.324	ng	97
11) bis(2-Chloroethyl)ether	7.54	93	169468	39.573	ng	96
12) 1,3-Dichlorobenzene	8.01	146	176755	39.179	ng	97
13) 1,4-Dichlorobenzene	8.16	146	179545	39.308	ng	99
14) 1,2-Dichlorobenzene	8.48	146	172941	39.073	ng	99
15) Benzyl Alcohol	8.36	79	168987	43.407	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.65	45	311643	36.812	ng	97
17) 2-Methylphenol	8.55	107	157937	44.988	ng	98
18) Hexachloroethane	9.20	117	62430	40.045	ng	98
19) n-Nitroso-di-n-propylamine	8.93	70	142510	37.820	ng	96
20) 3+4-Methylphenols	8.88	107	214926	43.785	ng	98
22) Acetophenone	8.95	105	269966	41.955	ng	# 97
24) Nitrobenzene	9.34	77	196623	47.281	ng	95
25) Isophorone	9.86	82	410544	46.319	ng	96
26) 2-Nitrophenol	10.05	139	75697	48.740	ng	99
27) 2,4-Dimethylphenol	10.09	122	188889	50.986	ng	100
28) bis(2-Chloroethoxy)methane	10.34	93	243207	43.858	ng	98
29) 2,4-Dichlorophenol	10.58	162	182985	48.657	ng	98
30) 1,2,4-Trichlorobenzene	10.80	180	180961	39.543	ng	99
31) Naphthalene	11.00	128	564235	45.483	ng	99
32) Benzoic acid	10.20	122	76128	37.214	ng	98
33) 4-Chloroaniline	11.10	127	23127	3.974	ng	96
34) Hexachlorobutadiene	11.26	225	107262	37.744	ng	98
35) Caprolactam	11.88	113	34718	22.645	ng	97
36) 4-Chloro-3-methylphenol	12.20	107	203374	45.790	ng	98
37) 2-Methylnaphthalene	12.59	142	420628	46.461	ng	98
38) 1-Methylnaphthalene	12.81	142	397694	44.977	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	212207	37.999	ng	98

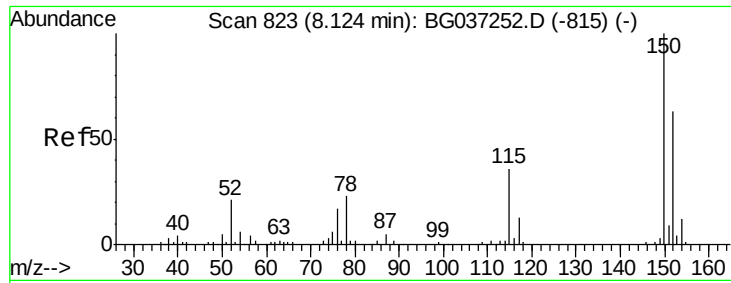
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101218\
 Data File : BG037298.D
 Acq On : 12 Oct 2018 19:38
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 QLast Update : Thu Oct 11 13:59:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.92	237	223387	97.031	ng	99
43) 2,4,6-Trichlorophenol	13.19	196	150441	46.437	ng	99
44) 2,4,5-Trichlorophenol	13.25	196	163021	46.769	ng	96
46) 1,1'-Biphenyl	13.59	154	535936	37.780	ng	98
47) 2-Chloronaphthalene	13.63	162	425960	39.753	ng	100
48) 2-Nitroaniline	13.84	65	125733	43.871	ng	97
49) Acenaphthylene	14.48	152	703878	42.942	ng	100
50) Dimethylphthalate	14.20	163	552727	40.785	ng	99
51) 2,6-Dinitrotoluene	14.33	165	114389	43.910	ng	95
52) Acenaphthene	14.81	154	407227	40.221	ng	99
53) 3-Nitroaniline	14.66	138	66725	23.532	ng	99
54) 2,4-Dinitrophenol	14.86	184	53551	78.969	ng	96
55) Dibenzofuran	15.15	168	644675	39.240	ng	98
56) 4-Nitrophenol	14.94	139	180574	81.700	ng	98
57) 2,4-Dinitrotoluene	15.11	165	152781	46.095	ng	96
58) Fluorene	15.80	166	520020	41.852	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.37	232	140887	45.653	ng	98
60) Diethylphthalate	15.56	149	563886	40.150	ng	100
61) 4-Chlorophenyl-phenylether	15.79	204	270750	37.279	ng	98
62) 4-Nitroaniline	15.83	138	125828	42.280	ng	96
63) Azobenzene	16.08	77	529340	39.311	ng	98
65) 4,6-Dinitro-2-methylphenol	15.87	198	46603	36.672	ng	99
66) n-Nitrosodiphenylamine	16.00	169	474930	38.093	ng	100
67) 4-Bromophenyl-phenylether	16.68	248	171962	37.531	ng	98
68) Hexachlorobenzene	16.79	284	173571	36.537	ng	98
69) Atrazine	16.95	200	167761	36.204	ng	99
70) Pentachlorophenol	17.14	266	195692	63.848	ng	95
71) Phenanthrene	17.54	178	869048	40.213	ng	99
72) Anthracene	17.64	178	880731	41.637	ng	99
73) Carbazole	17.91	167	816870	37.481	ng	98
74) Di-n-butylphthalate	18.45	149	977390	41.841	ng	100
75) Fluoranthene	19.54	202	1027817	40.692	ng	99
77) Benzidine	19.73	184	71507	4.747	ng	99
78) Pyrene	19.91	202	1037957	40.444	ng	100
80) Butylbenzylphthalate	20.78	149	438728	43.938	ng	97
81) Benzo(a)anthracene	21.77	228	978460	41.489	ng	98
82) 3,3'-Dichlorobenzidine	21.68	252	226993	24.952	ng	100
83) Chrysene	21.84	228	912352	40.555	ng	99
84) Bis(2-ethylhexyl)phthalate	21.65	149	620244	43.258	ng	99
85) Di-n-octyl phthalate	22.91	149	1040741	44.721	ng	98
86) Indeno(1,2,3-cd)pyrene	28.99	276	1096421	43.970	ng	# 97
88) Benzo(b)fluoranthene	24.06	252	1002262	43.689	ng	99
89) Benzo(k)fluoranthene	24.14	252	920111	40.646	ng	99
90) Benzo(a)pyrene	24.98	252	944652	42.943	ng	99
91) Dibenzo(a,h)anthracene	29.06	278	902310	42.869	ng	97
92) Benzo(g,h,i)perylene	30.20	276	910601	43.317	ng	99

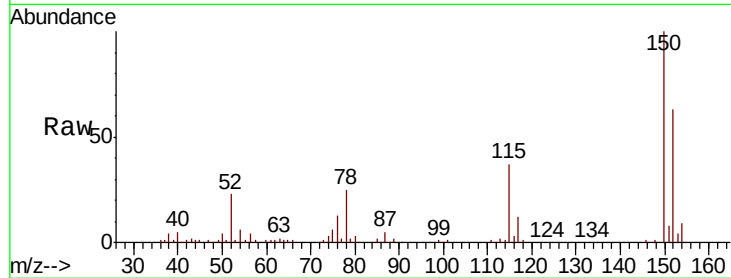
(#) = qualifier out of range (m) = manual integration (+) = signals summed



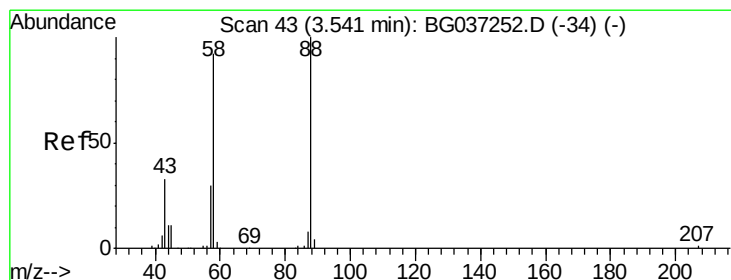
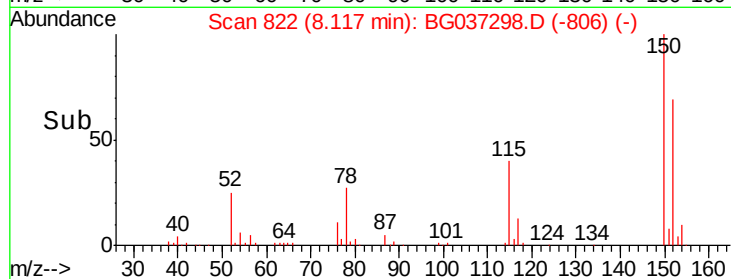
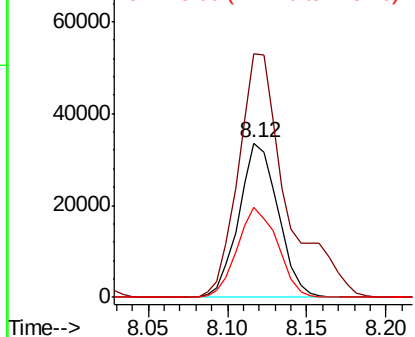
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.12 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BG037298.D
 Acq: 12 Oct 2018 19:38

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-DRUMMS

Tgt Ion:152 Resp: 57708
 Ion Ratio Lower Upper
 152 100
 150 158.0 126.0 189.0
 115 58.8 45.5 68.3

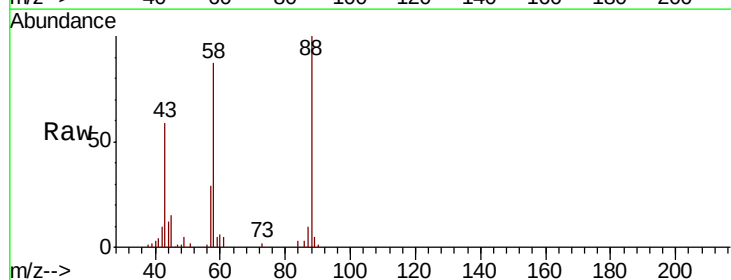


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

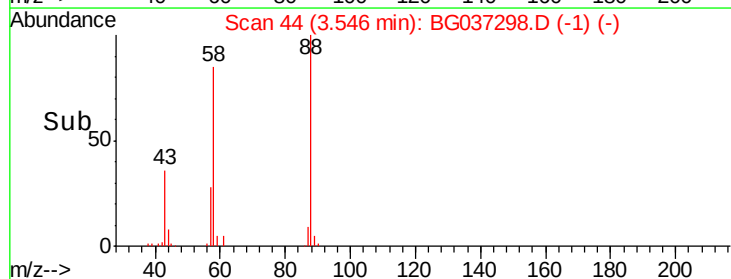
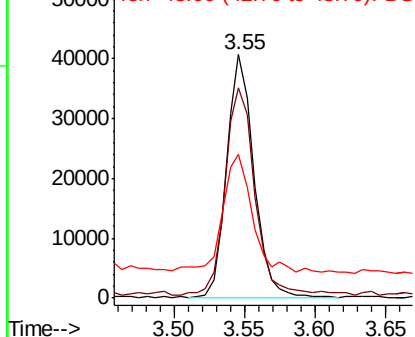


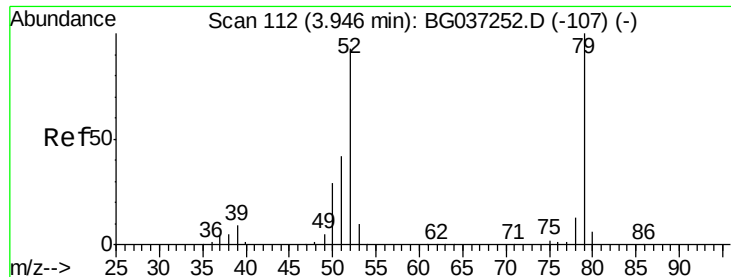
#2
 1,4-Dioxane
 Concen: 29.750 ng
 RT: 3.55 min Scan# 44
 Delta R.T. 0.00 min
 Lab File: BG037298.D
 Acq: 12 Oct 2018 19:38

Tgt Ion: 88 Resp: 54788
 Ion Ratio Lower Upper
 88 100
 58 92.0 74.4 111.6
 43 52.5 25.8 38.8#



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: 29.467 ng

RT: 3.95 min Scan# 113

Delta R.T. 0.00 min

Lab File: BG037298.D

Acq: 12 Oct 2018 19:38

Instrument :

BNA_G

ClientSampleId :

SOIL-DRUMMS

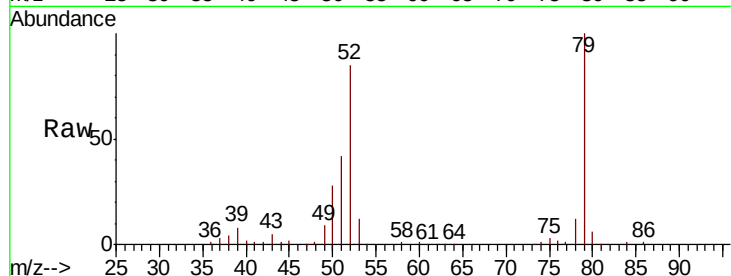
Tgt Ion: 79 Resp: 128844

Ion Ratio Lower Upper

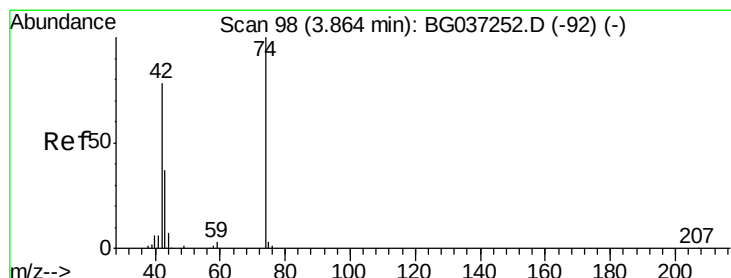
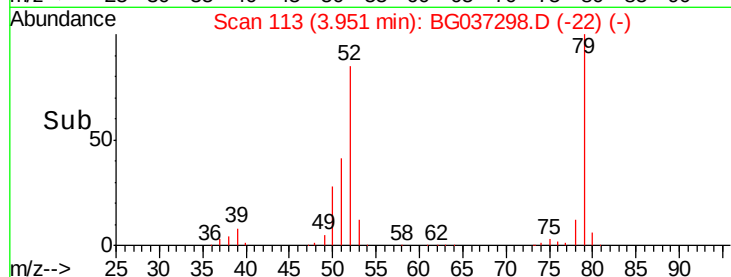
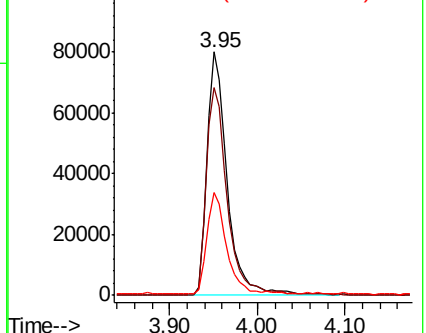
79 100

52 85.4 74.2 111.2

51 42.1 34.6 51.8



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



#4

n-Nitrosodimethylamine

Concen: 44.792 ng

RT: 3.86 min Scan# 98

Delta R.T. -0.00 min

Lab File: BG037298.D

Acq: 12 Oct 2018 19:38

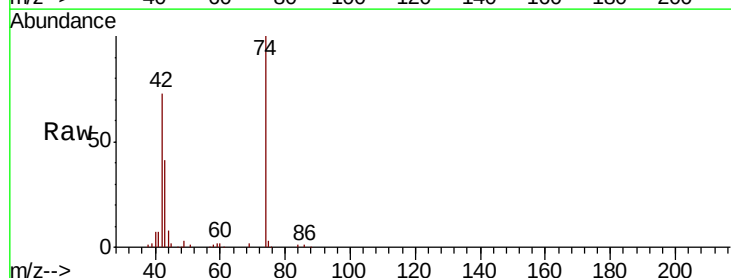
Tgt Ion: 42 Resp: 76057

Ion Ratio Lower Upper

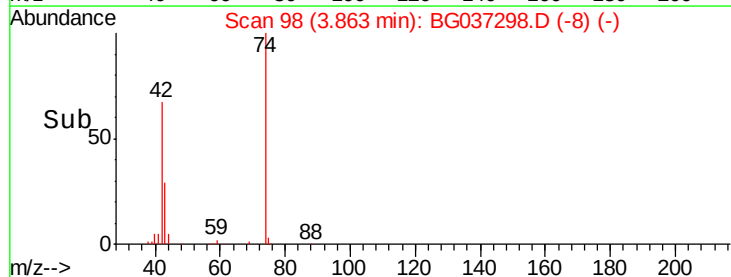
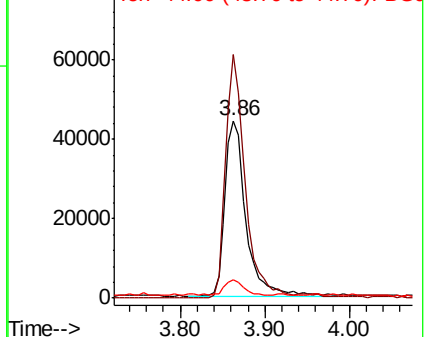
42 100

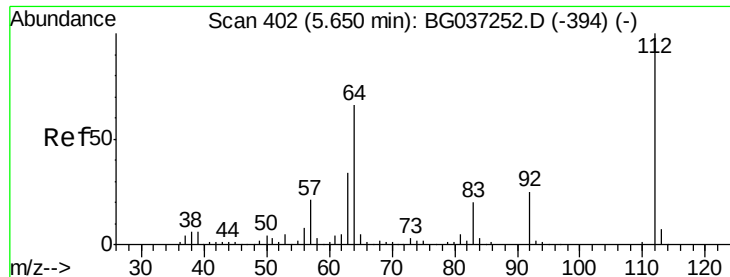
74 137.3 102.0 153.0

44 10.5 9.6 14.4



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





#5

2-Fluorophenol

Concen: 125.872 ng

RT: 5.65 min Scan# 403

Delta R.T. 0.00 min

Lab File: BG037298.D

Acq: 12 Oct 2018 19:38

Instrument :

BNA_G

ClientSampleId :

SOIL-DRUMMS

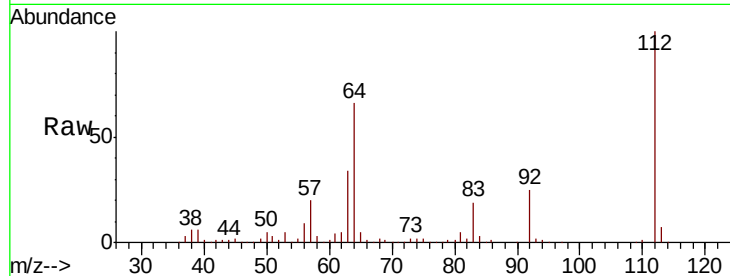
Tgt Ion:112 Resp: 412738

Ion Ratio Lower Upper

112 100

64 65.9 53.1 79.7

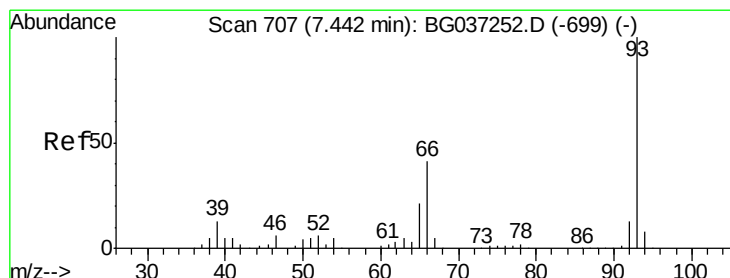
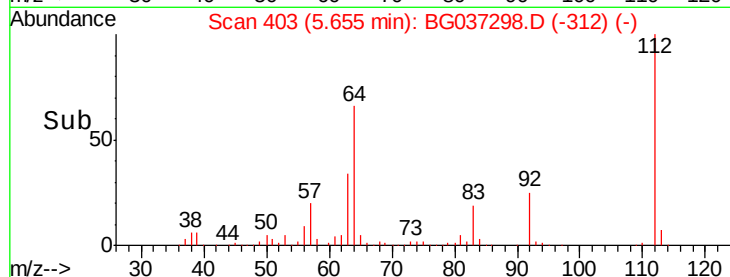
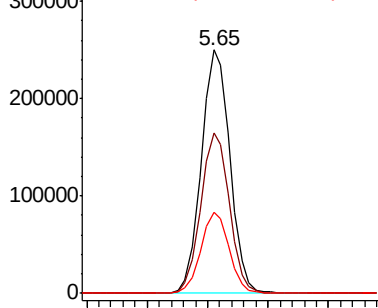
63 33.5 27.3 40.9



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: 21.300 ng

RT: 7.45 min Scan# 708

Delta R.T. 0.00 min

Lab File: BG037298.D

Acq: 12 Oct 2018 19:38

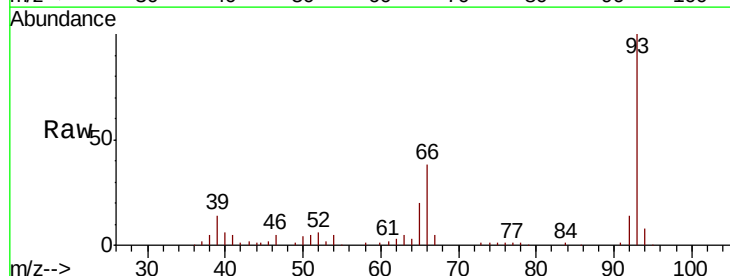
Tgt Ion: 93 Resp: 138775

Ion Ratio Lower Upper

93 100

66 37.7 32.8 49.2

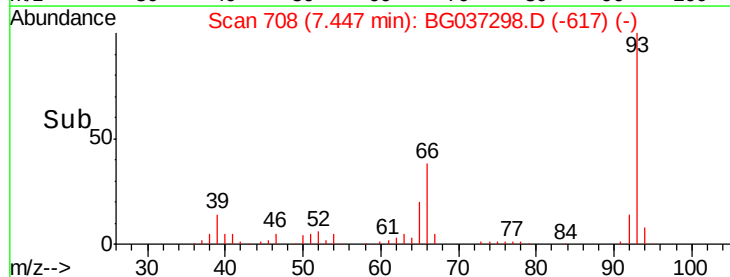
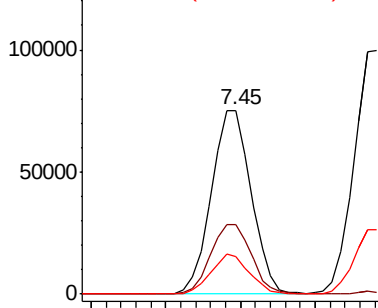
65 20.1 16.4 24.6

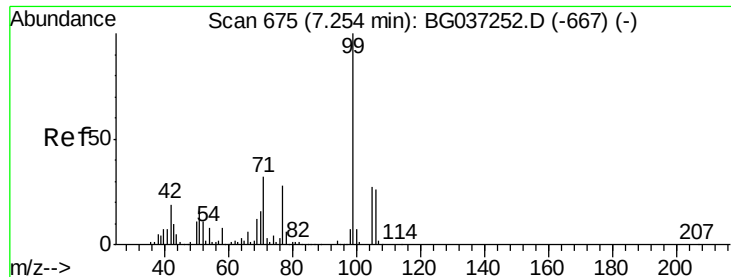


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 111.251 ng

RT: 7.26 min Scan# 676

Delta R.T. 0.00 min

Lab File: BG037298.D

Acq: 12 Oct 2018 19:38

Instrument :

BNA_G

ClientSampleId :

SOIL-DRUMMS

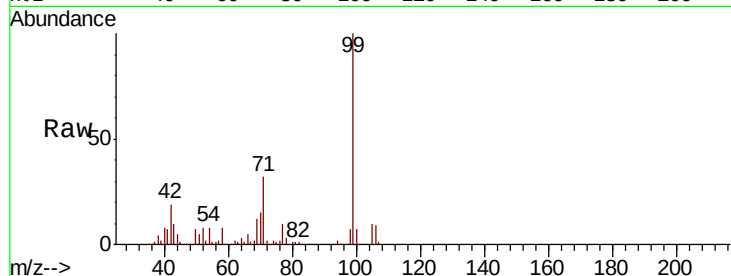
Tgt Ion: 99 Resp: 553701

Ion Ratio Lower Upper

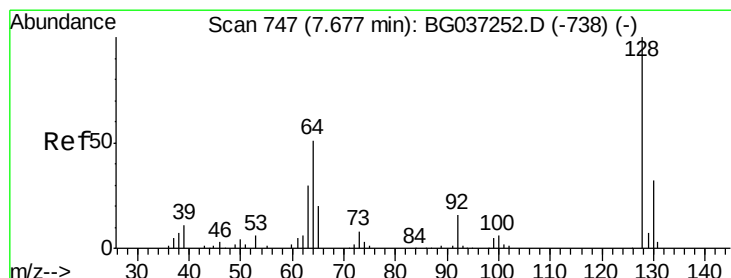
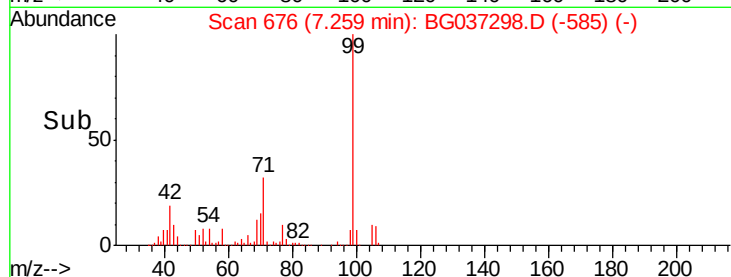
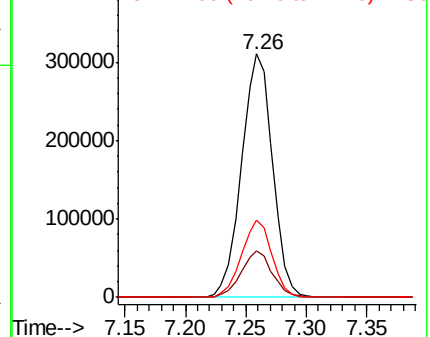
99 100

42 19.3 15.0 22.4

71 31.6 25.5 38.3



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: 44.951 ng

RT: 7.68 min Scan# 747

Delta R.T. -0.00 min

Lab File: BG037298.D

Acq: 12 Oct 2018 19:38

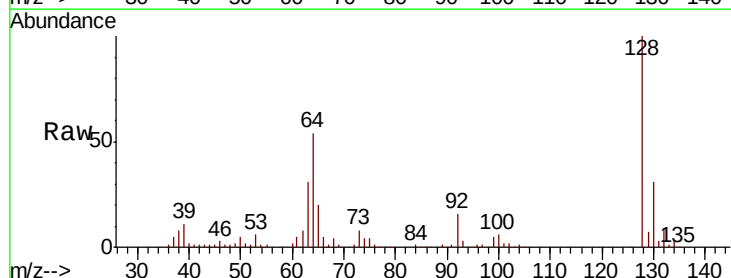
Tgt Ion: 128 Resp: 172506

Ion Ratio Lower Upper

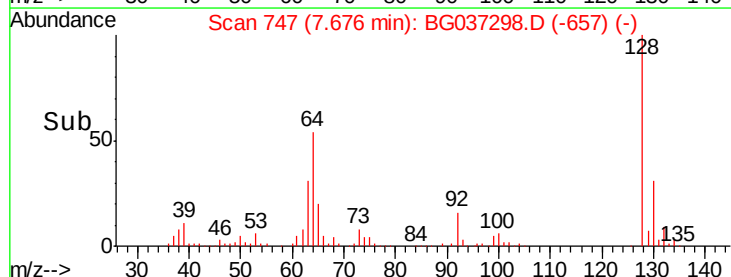
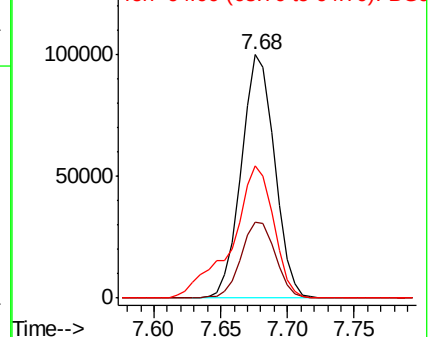
128 100

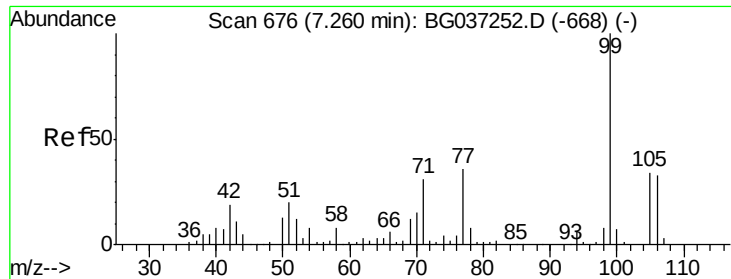
130 31.3 12.0 52.0

64 54.4 32.9 72.9



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: 16.689 ng

RT: 7.26 min Scan# 676

Delta R.T. -0.00 min

Lab File: BG037298.D

Acq: 12 Oct 2018 19:38

Instrument :

BNA_G

ClientSampleId :

SOIL-DRUMMS

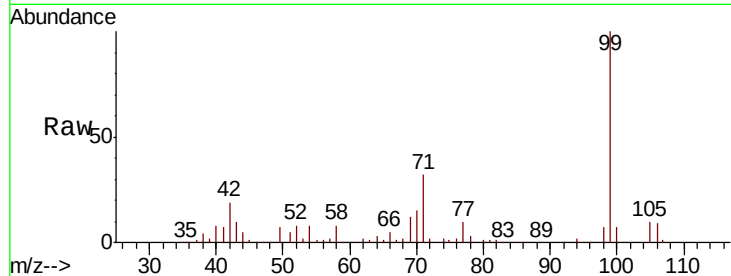
Tgt Ion: 77 Resp: 57188

Ion Ratio Lower Upper

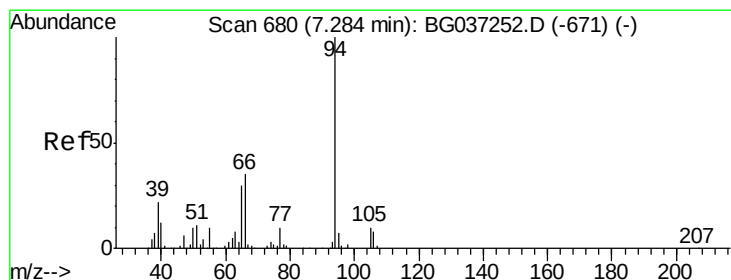
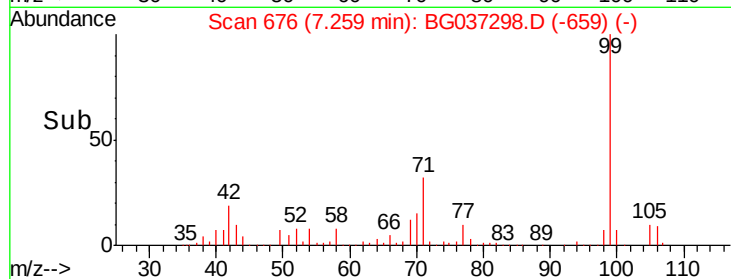
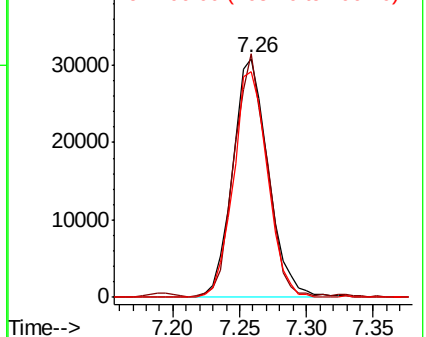
77 100

105 102.0 72.6 112.6

106 94.5 71.3 111.3



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: 40.324 ng

RT: 7.29 min Scan# 681

Delta R.T. 0.00 min

Lab File: BG037298.D

Acq: 12 Oct 2018 19:38

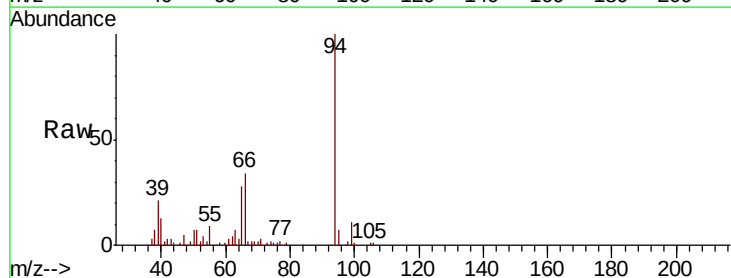
Tgt Ion: 94 Resp: 211373

Ion Ratio Lower Upper

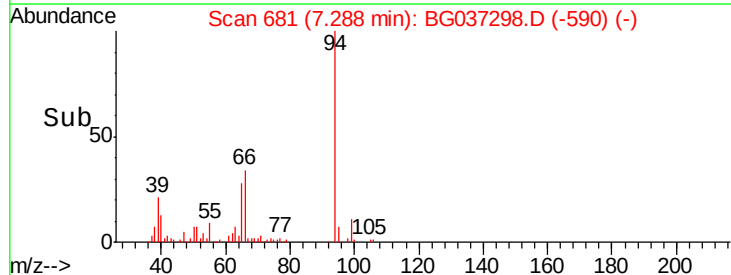
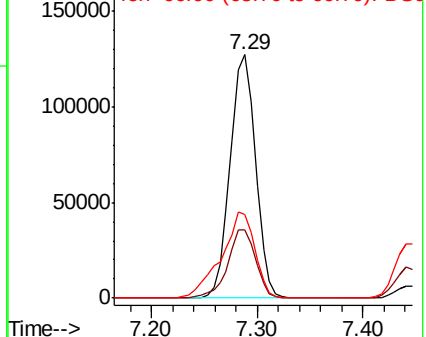
94 100

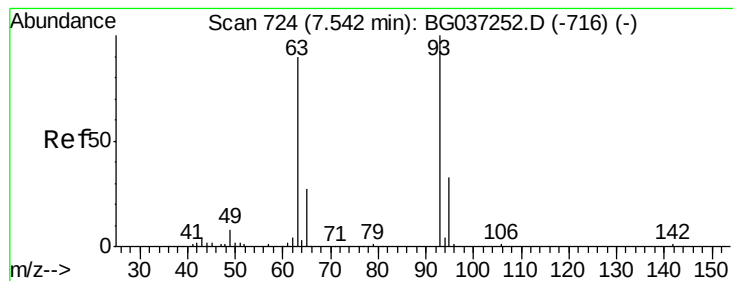
65 28.3 9.7 49.7

66 34.4 15.9 55.9



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: 39.573 ng

RT: 7.54 min Scan# 724

Delta R.T. -0.00 min

Lab File: BG037298.D

Acq: 12 Oct 2018 19:38

Instrument :

BNA_G

ClientSampleId :

SOIL-DRUMMS

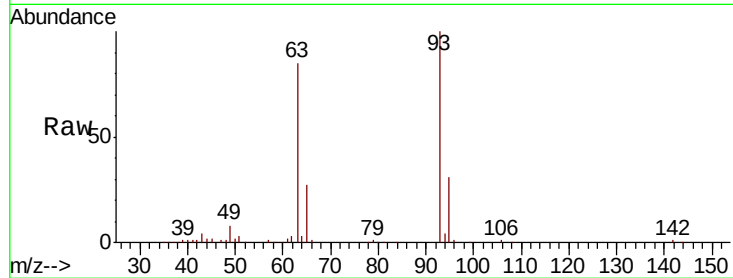
Tgt Ion: 93 Resp: 169468

Ion Ratio Lower Upper

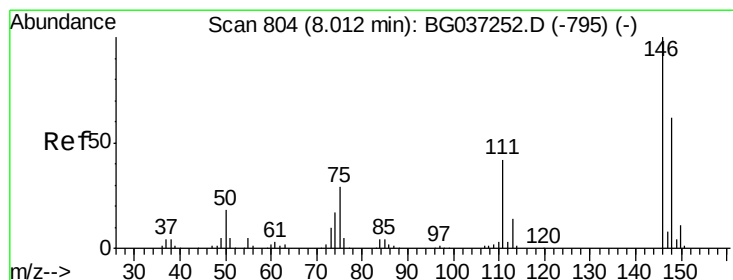
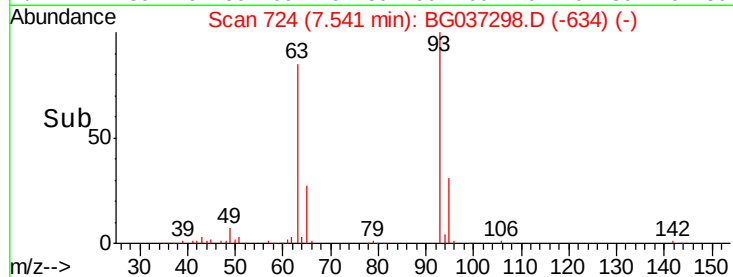
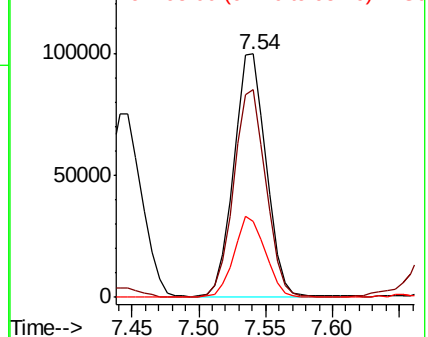
93 100

63 85.4 69.5 109.5

95 31.4 12.6 52.6



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



#12

1,3-Dichlorobenzene

Concen: 39.179 ng

RT: 8.01 min Scan# 803

Delta R.T. -0.01 min

Lab File: BG037298.D

Acq: 12 Oct 2018 19:38

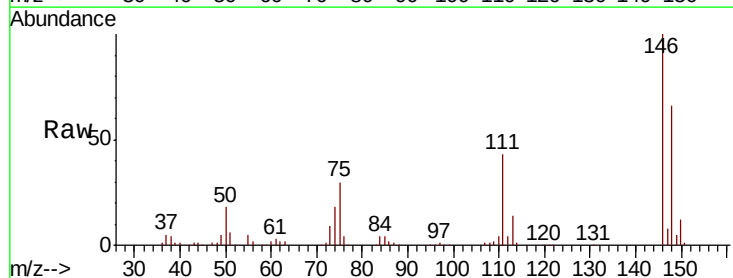
Tgt Ion: 146 Resp: 176755

Ion Ratio Lower Upper

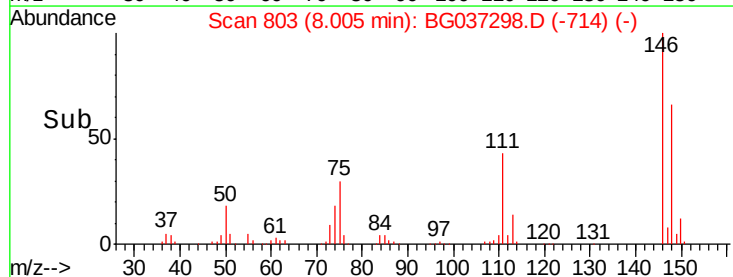
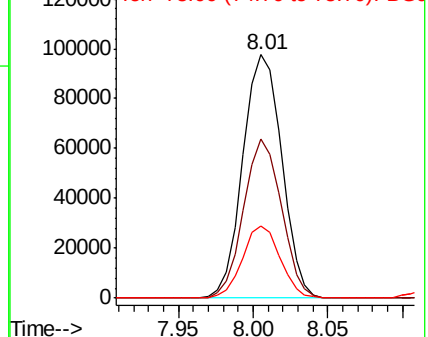
146 100

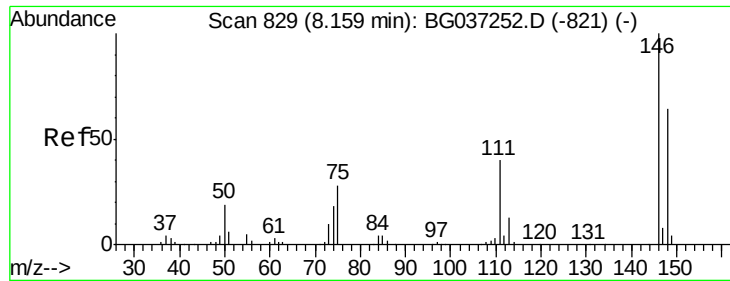
148 65.5 49.8 74.8

75 29.7 23.2 34.8



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

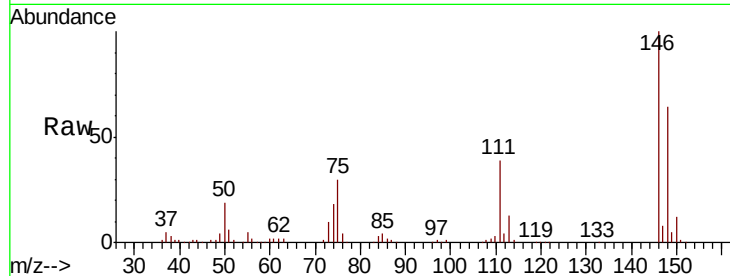




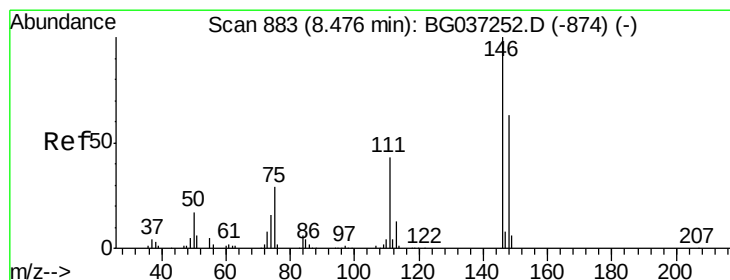
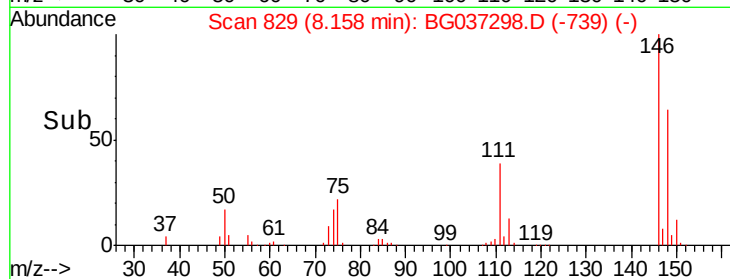
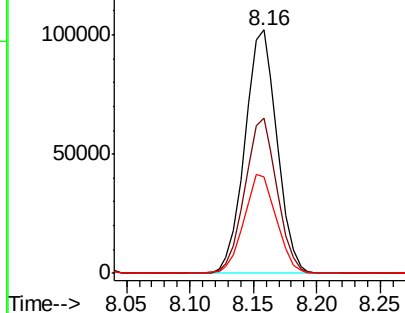
#13
 1,4-Dichlorobenzene
 Concen: 39.308 ng
 RT: 8.16 min Scan# 829
 Delta R.T. -0.00 min
 Lab File: BG037298.D
 Acq: 12 Oct 2018 19:38

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-DRUMMS

Tgt Ion:146 Resp: 179545
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.0 76.6
 111 39.4 32.4 48.6

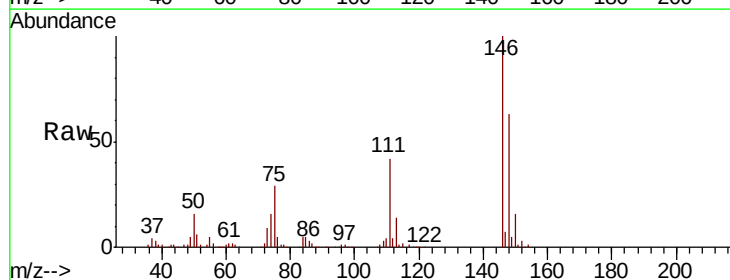


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

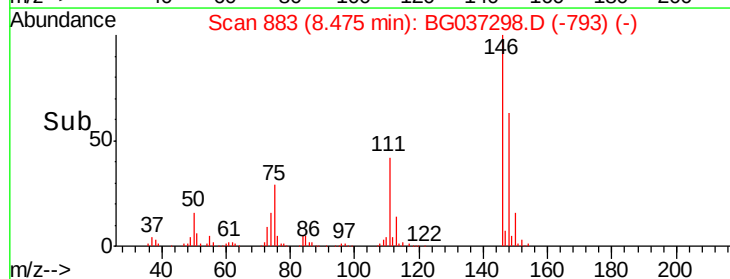
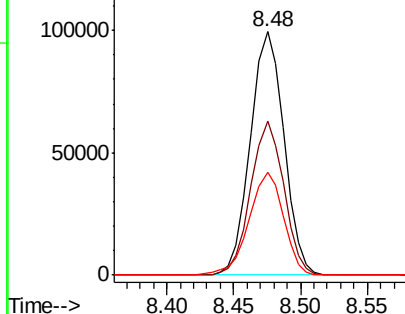


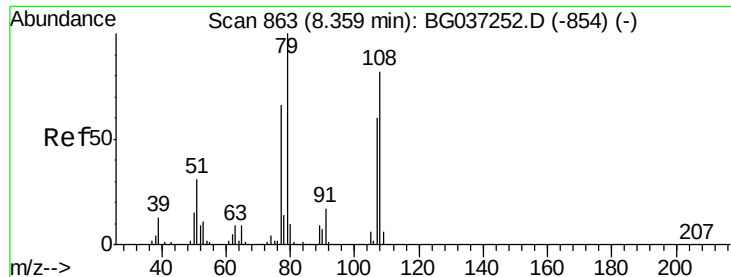
#14
 1,2-Dichlorobenzene
 Concen: 39.073 ng
 RT: 8.48 min Scan# 883
 Delta R.T. -0.00 min
 Lab File: BG037298.D
 Acq: 12 Oct 2018 19:38

Tgt Ion:146 Resp: 172941
 Ion Ratio Lower Upper
 146 100
 148 63.0 50.4 75.6
 111 42.1 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: 43.407 ng

RT: 8.36 min Scan# 863

Delta R.T. -0.00 min

Lab File: BG037298.D

Acq: 12 Oct 2018 19:38

Instrument :

BNA_G

ClientSampleId :

SOIL-DRUMMS

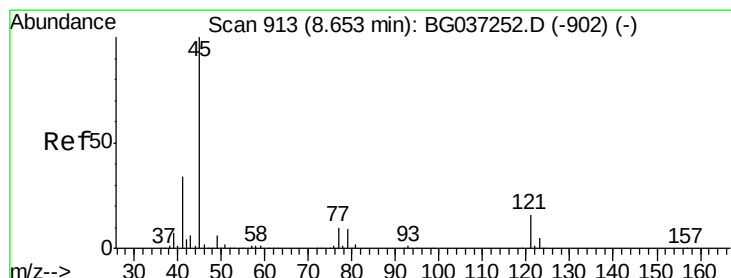
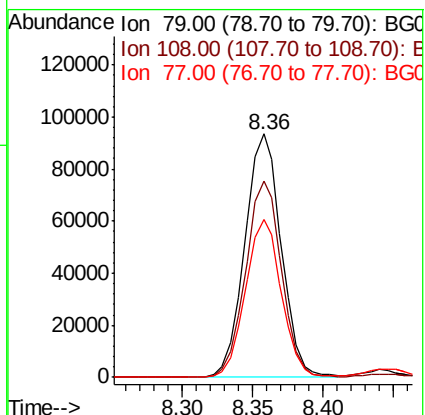
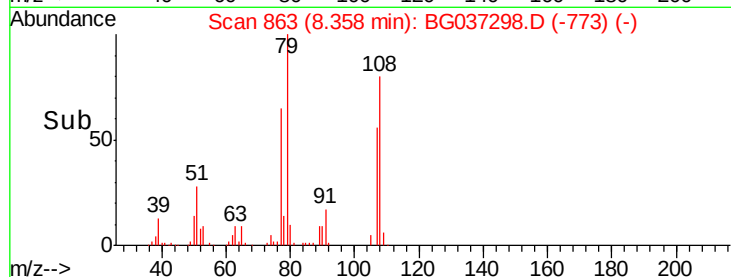
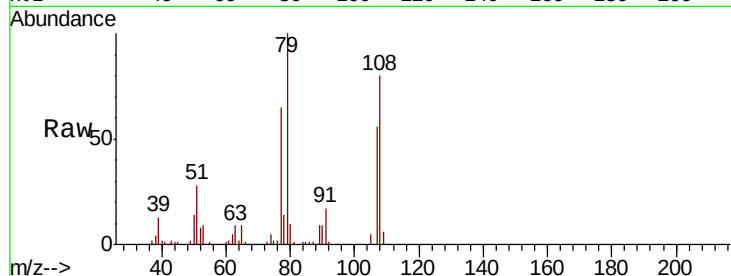
Tgt Ion: 79 Resp: 168987

Ion Ratio Lower Upper

79 100

108 80.5 65.8 98.8

77 64.7 52.9 79.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.812 ng

RT: 8.65 min Scan# 912

Delta R.T. -0.01 min

Lab File: BG037298.D

Acq: 12 Oct 2018 19:38

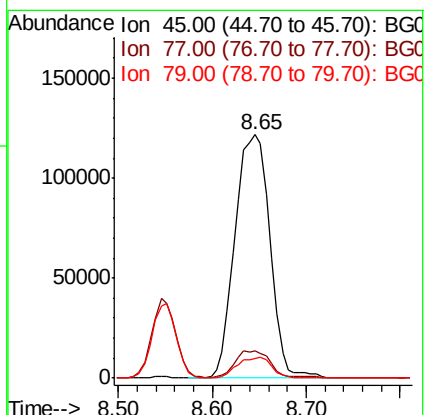
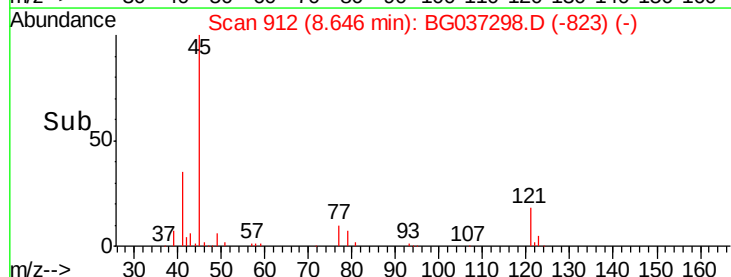
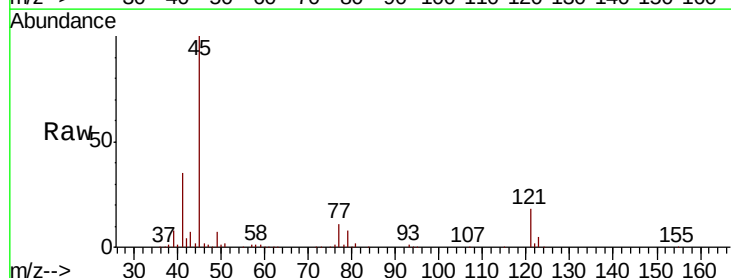
Tgt Ion: 45 Resp: 311643

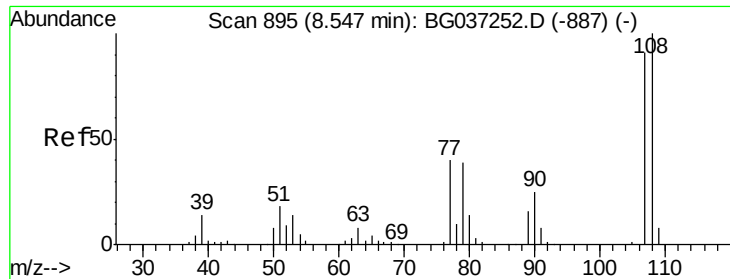
Ion Ratio Lower Upper

45 100

77 11.0 0.0 30.0

79 8.1 0.0 29.0

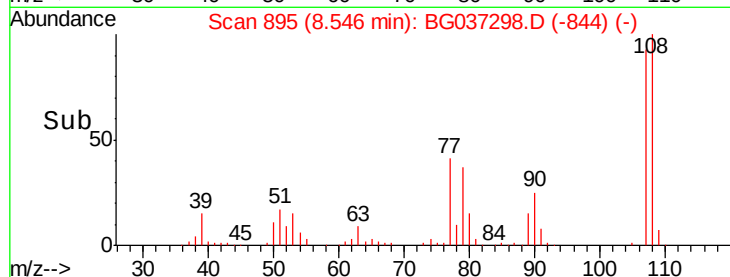
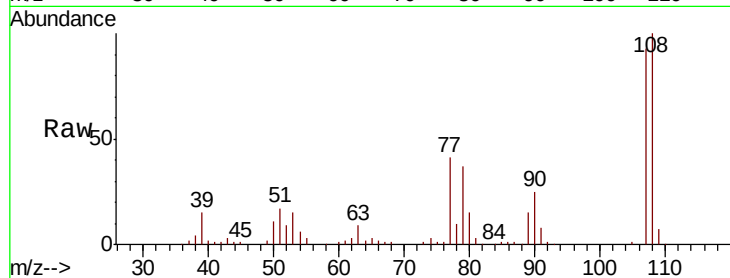




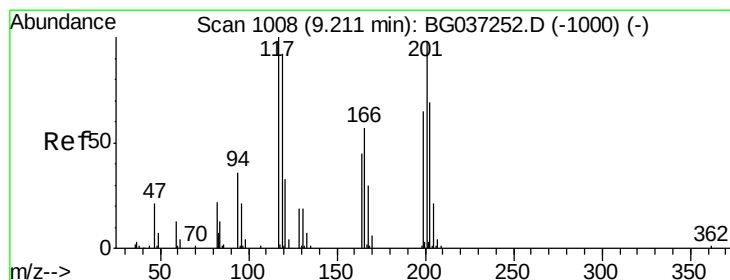
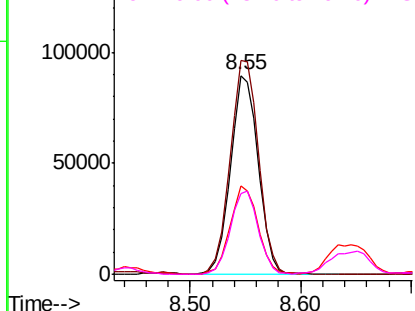
#17
2-Methylphenol
Concen: 44.988 ng
RT: 8.55 min Scan# 895
Delta R.T. -0.00 min
Lab File: BG037298.D
Acq: 12 Oct 2018 19:38

Instrument :
BNA_G
ClientSampleId :
SOIL-DRUMMS

Tgt Ion:	107	Resp:	157937
Ion	Ratio	Lower	Upper
107	100		
108	107.6	87.9	131.9
77	44.5	35.1	52.7
79	40.3	34.5	51.7

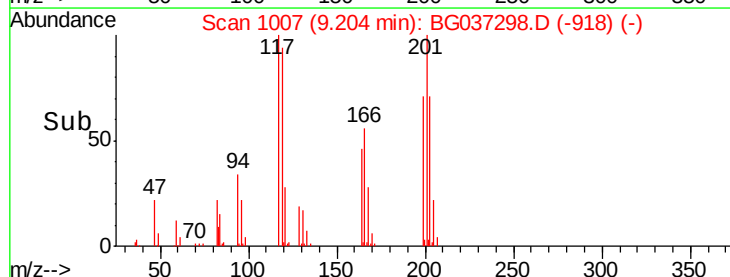
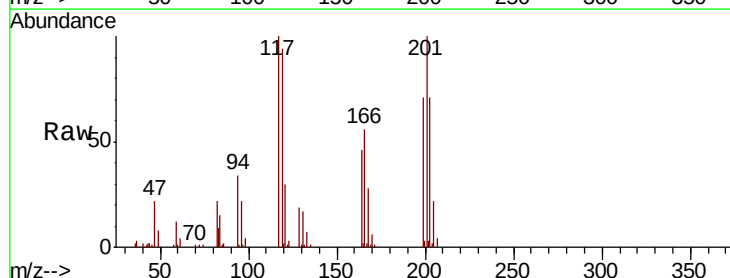


Abundance Ion 107.00 (106.70 to 107.70): E
150000
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

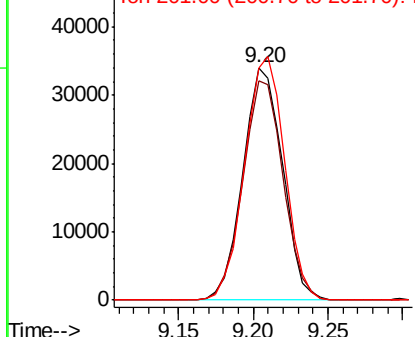


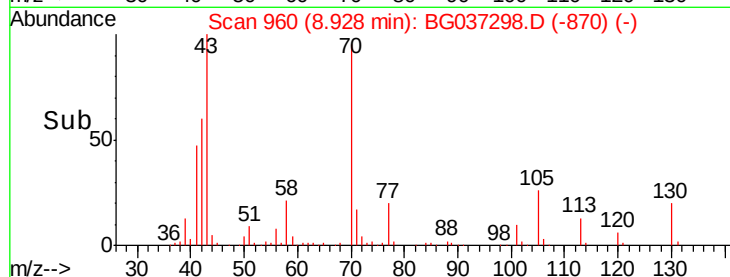
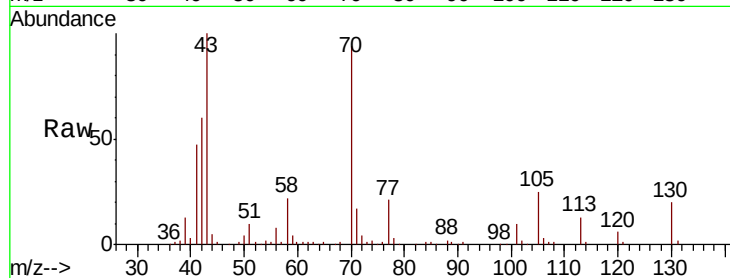
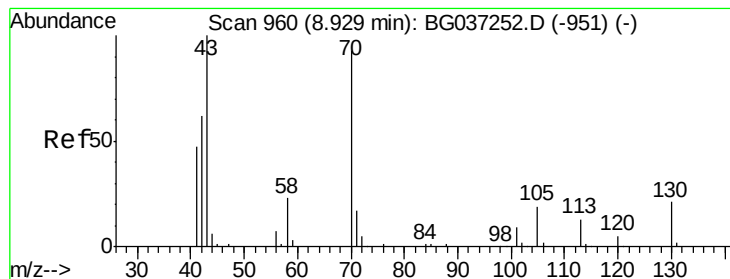
#18
Hexachloroethane
Concen: 40.045 ng
RT: 9.20 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG037298.D
Acq: 12 Oct 2018 19:38

Tgt Ion:	117	Resp:	62430
Ion	Ratio	Lower	Upper
117	100		
119	94.4	74.6	111.8
201	102.8	80.8	121.2



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: 37.820 ng

RT: 8.93 min Scan# 960

Delta R.T. -0.00 min

Lab File: BG037298.D

Acq: 12 Oct 2018 19:38

Instrument :

BNA_G

ClientSampleId :

SOIL-DRUMMS

Tgt Ion: 70 Resp: 142510

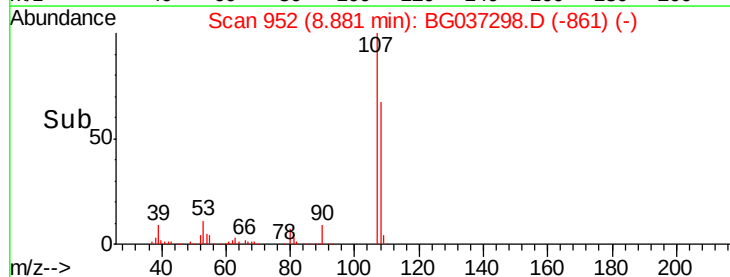
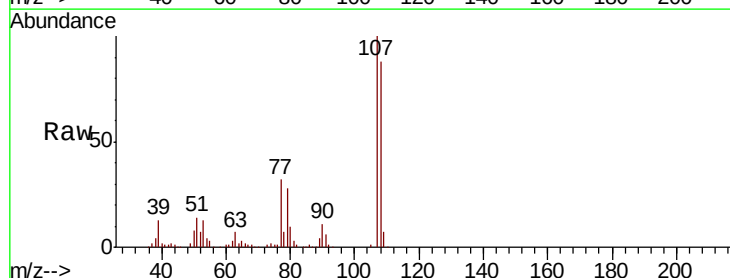
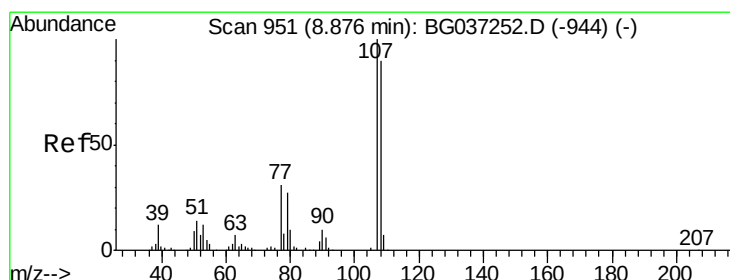
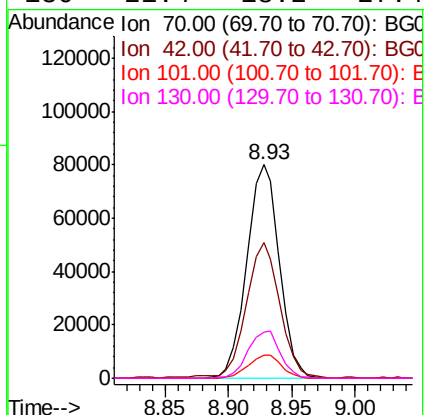
Ion Ratio Lower Upper

70 100

42 63.7 53.9 80.9

101 10.7 8.2 12.2

130 21.4 18.2 27.4



#20

3+4-Methylphenols

Concen: 43.785 ng

RT: 8.88 min Scan# 952

Delta R.T. 0.00 min

Lab File: BG037298.D

Acq: 12 Oct 2018 19:38

Tgt Ion: 107 Resp: 214926

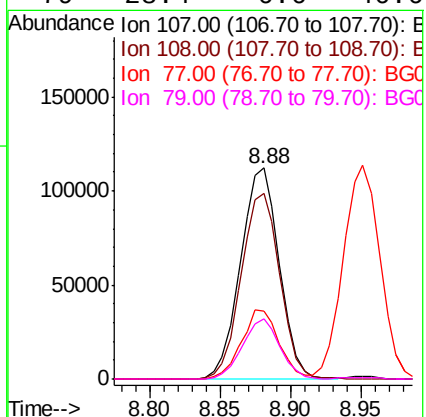
Ion Ratio Lower Upper

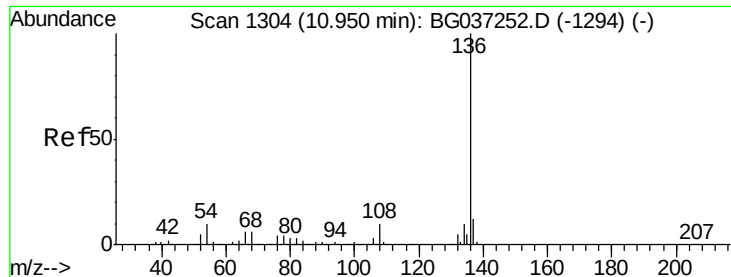
107 100

108 88.3 69.9 109.9

77 32.1 11.2 51.2

79 28.4 6.6 46.6

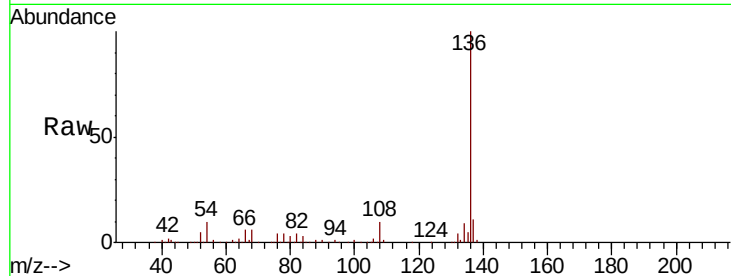




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BG037298.D
Acq: 12 Oct 2018 19:38

Instrument :
BNA_G
ClientSampleId :
SOIL-DRUMMS

Tgt Ion:	136	Resp:	255261
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.6	14.4
54	10.4	7.9	11.9
68	6.2	4.8	7.2



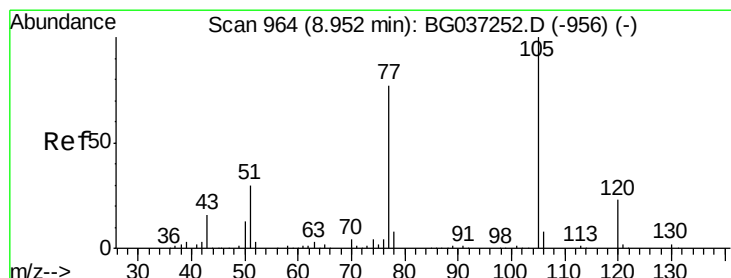
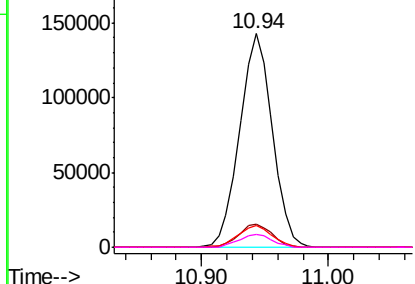
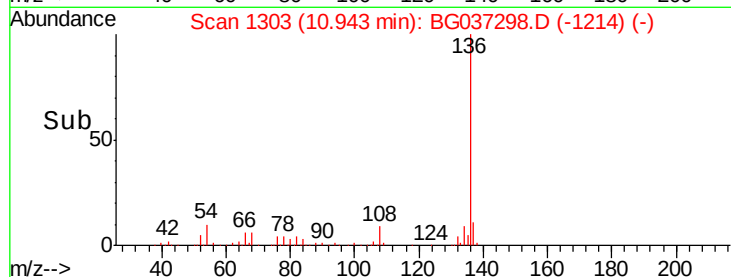
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

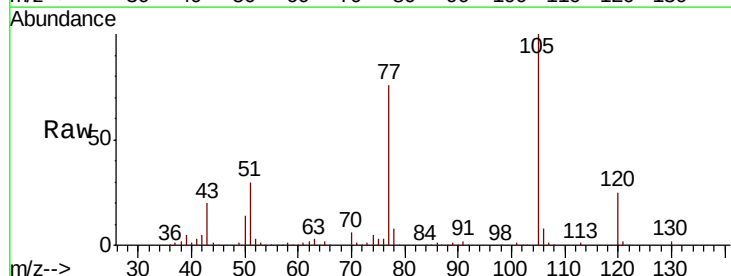
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 41.955 ng
RT: 8.95 min Scan# 964
Delta R.T. -0.00 min
Lab File: BG037298.D
Acq: 12 Oct 2018 19:38

Tgt Ion:	105	Resp:	269966
Ion	Ratio	Lower	Upper
105	100		
71	1.1	1.2	1.8#
51	30.0	25.0	37.6
120	25.0	18.6	28.0



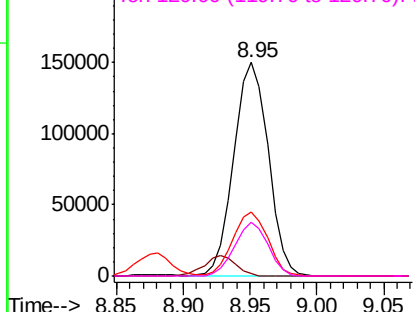
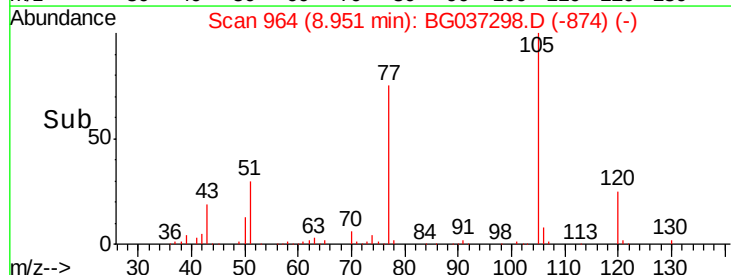
Abundance

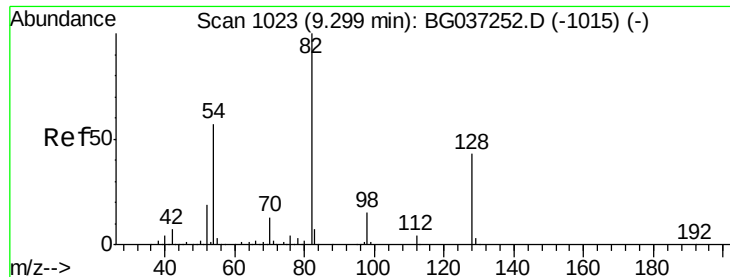
Ion 105.00 (104.70 to 105.70): E

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

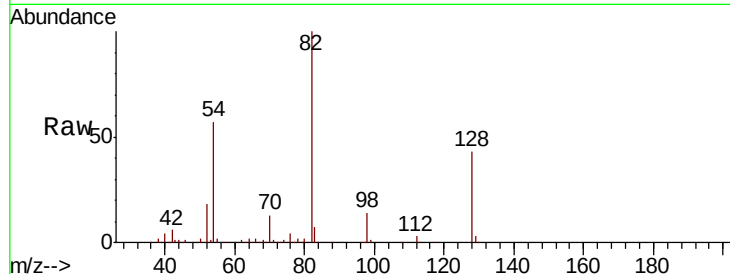




#23
 Nitrobenzene-d5
 Concen: 92.001 ng
 RT: 9.30 min Scan# 1023
 Delta R.T. -0.00 min
 Lab File: BG037298.D
 Acq: 12 Oct 2018 19:38

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-DRUMMS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.2	34.6	51.8
54	56.6	45.3	67.9

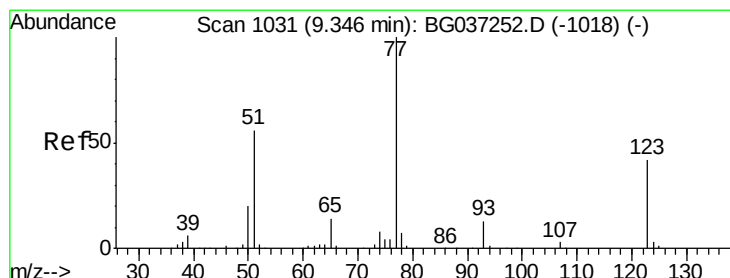
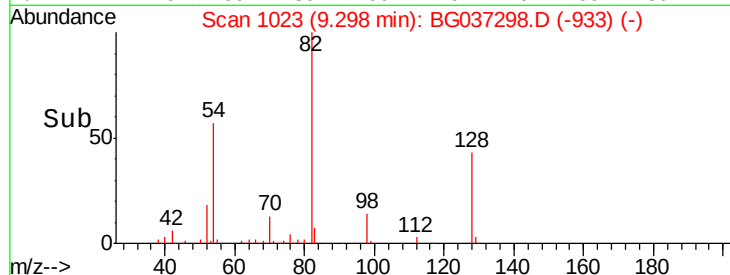
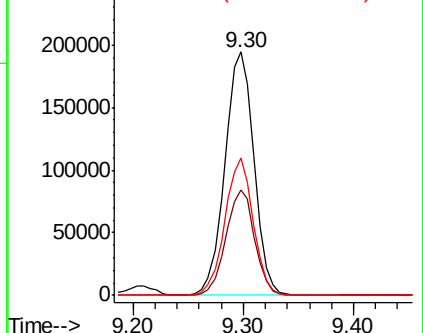


Abundance

Ion 82.00 (81.70 to 82.70): BGC

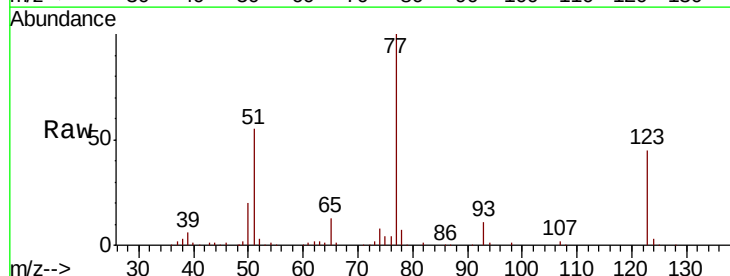
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#24
 Nitrobenzene
 Concen: 47.281 ng
 RT: 9.34 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: BG037298.D
 Acq: 12 Oct 2018 19:38

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.4	33.6	50.4
65	13.2	11.3	16.9

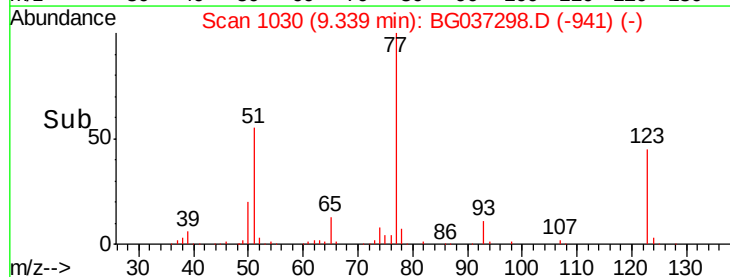
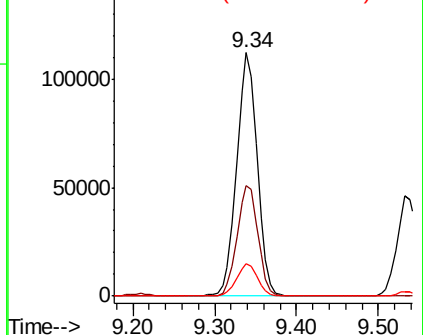


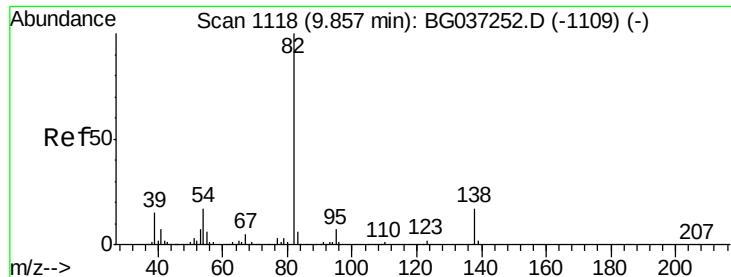
Abundance

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: 46.319 ng

RT: 9.86 min Scan# 1118

Delta R.T. -0.00 min

Lab File: BG037298.D

Acq: 12 Oct 2018 19:38

Instrument :

BNA_G

ClientSampleId :

SOIL-DRUMMS

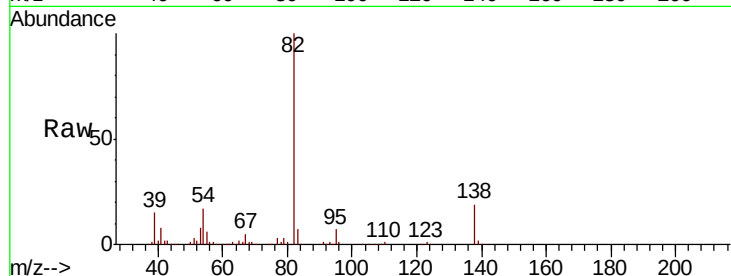
Tgt Ion: 82 Resp: 410544

Ion Ratio Lower Upper

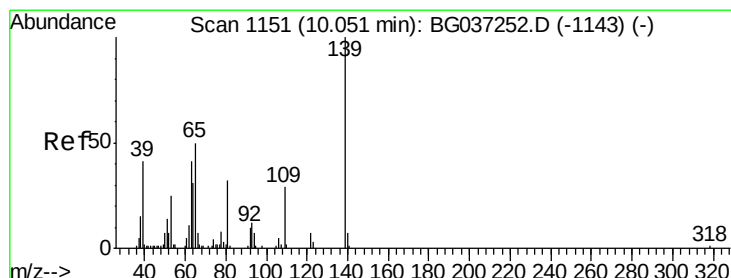
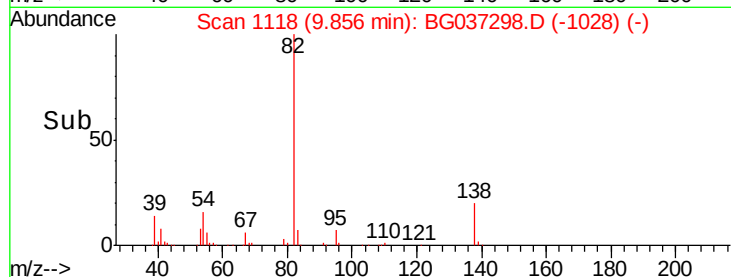
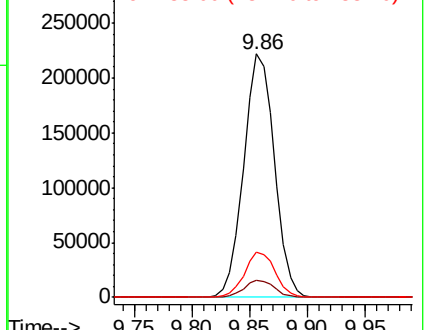
82 100

95 7.2 5.3 7.9

138 18.8 13.3 19.9



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: 48.740 ng

RT: 10.05 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BG037298.D

Acq: 12 Oct 2018 19:38

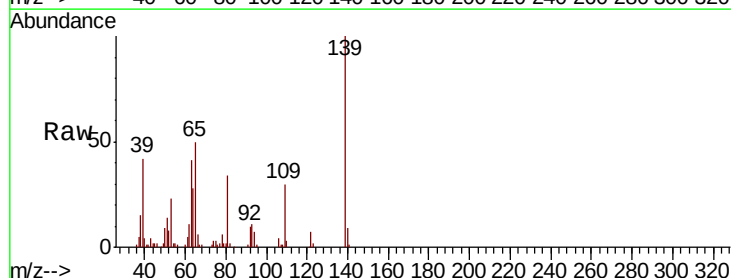
Tgt Ion: 139 Resp: 75697

Ion Ratio Lower Upper

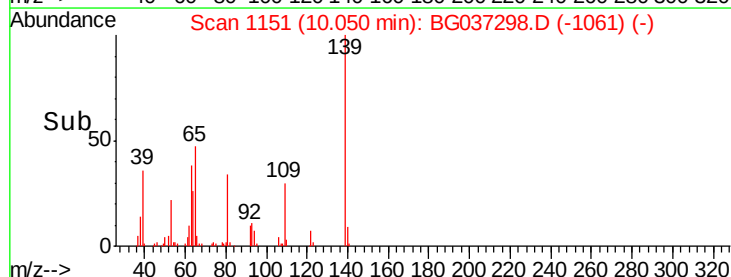
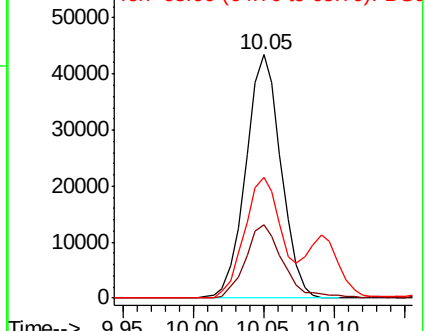
139 100

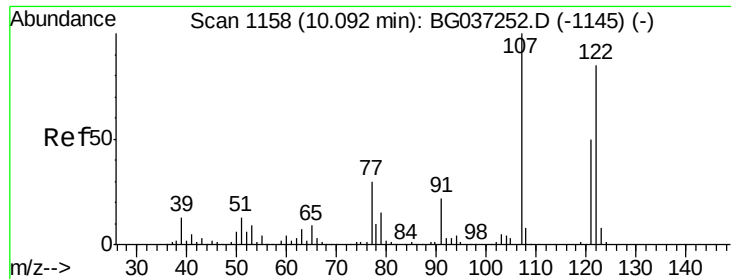
109 30.0 23.3 34.9

65 49.5 39.8 59.8



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

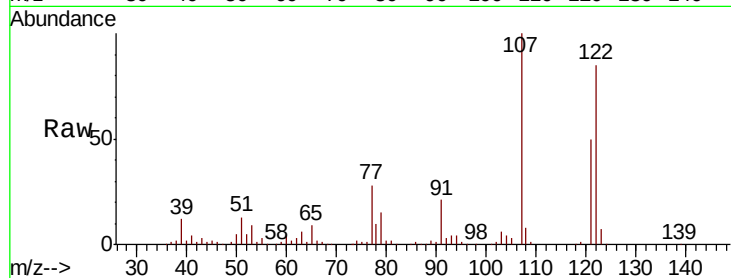




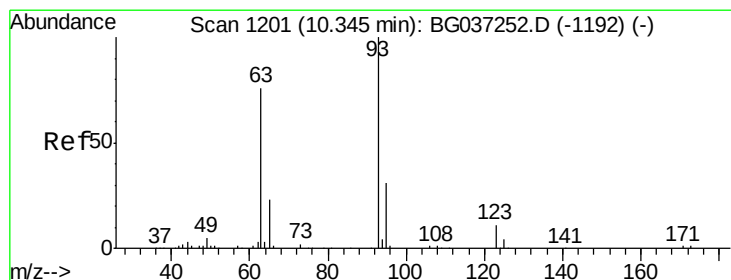
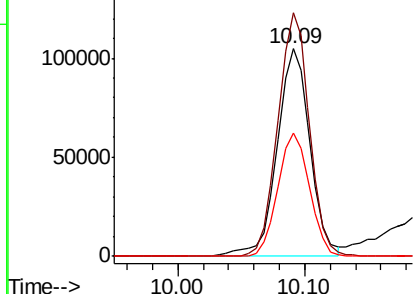
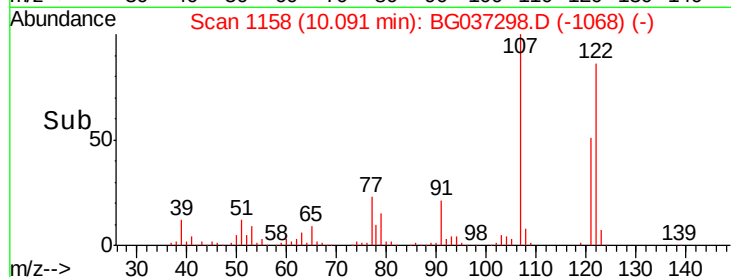
#27
2,4-Dimethylphenol
Concen: 50.986 ng
RT: 10.09 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BG037298.D
Acq: 12 Oct 2018 19:38

Instrument :
BNA_G
ClientSampleId :
SOIL-DRUMMS

Tgt Ion:122 Resp: 188889
Ion Ratio Lower Upper
122 100
107 117.3 94.2 141.2
121 59.2 47.3 70.9

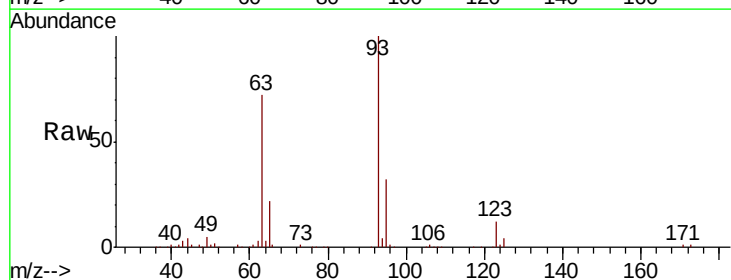


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

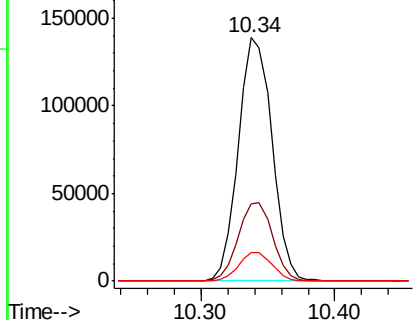
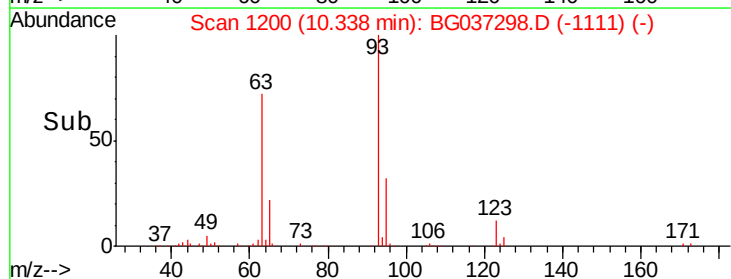


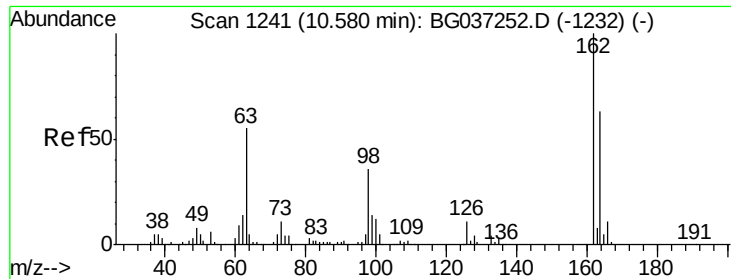
#28
bis(2-Chloroethoxy)methane
Concen: 43.858 ng
RT: 10.34 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BG037298.D
Acq: 12 Oct 2018 19:38

Tgt Ion: 93 Resp: 243207
Ion Ratio Lower Upper
93 100
95 31.9 24.6 37.0
123 11.7 9.1 13.7



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

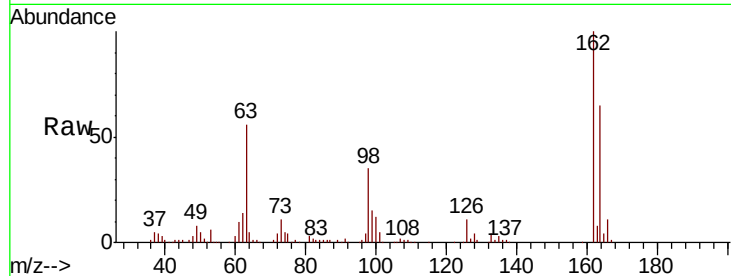




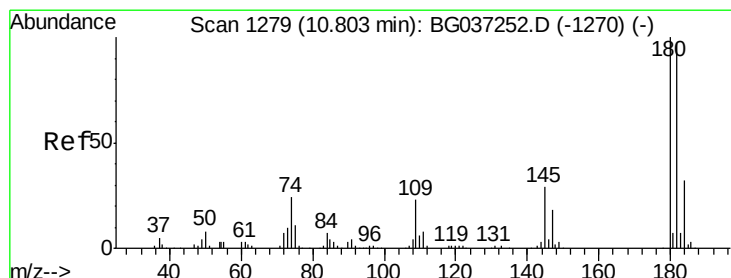
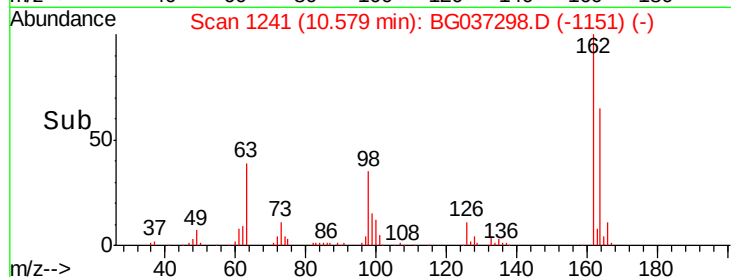
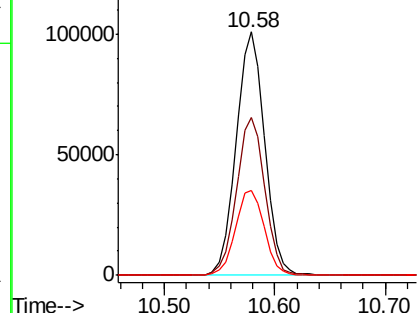
#29
 2,4-Dichlorophenol
 Concen: 48.657 ng
 RT: 10.58 min Scan# 1241
 Delta R.T. -0.00 min
 Lab File: BG037298.D
 Acq: 12 Oct 2018 19:38

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-DRUMMS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.0	43.2	83.2
98	35.0	16.0	56.0

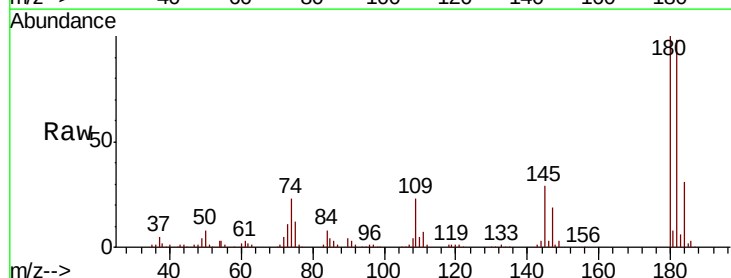


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

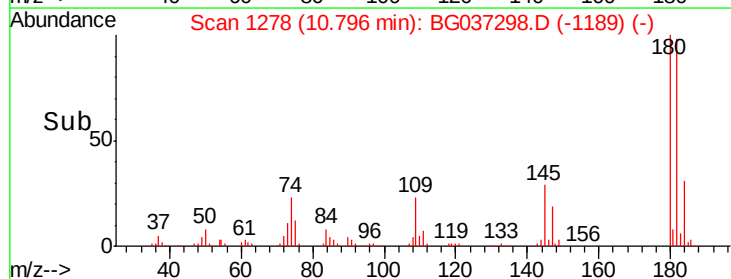
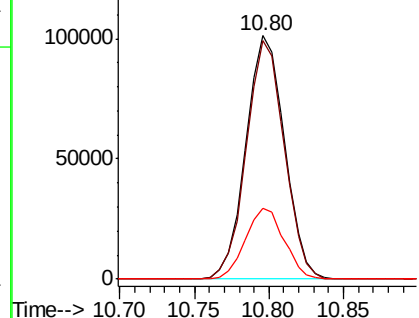


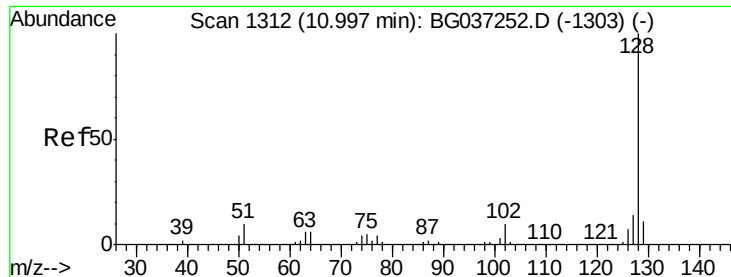
#30
 1,2,4-Trichlorobenzene
 Concen: 39.543 ng
 RT: 10.80 min Scan# 1278
 Delta R.T. -0.01 min
 Lab File: BG037298.D
 Acq: 12 Oct 2018 19:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.2	77.7	116.5
145	29.3	23.3	34.9



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

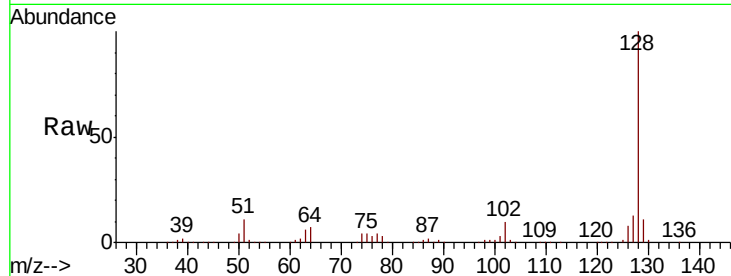




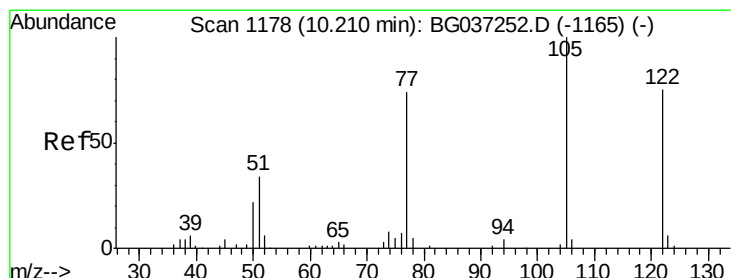
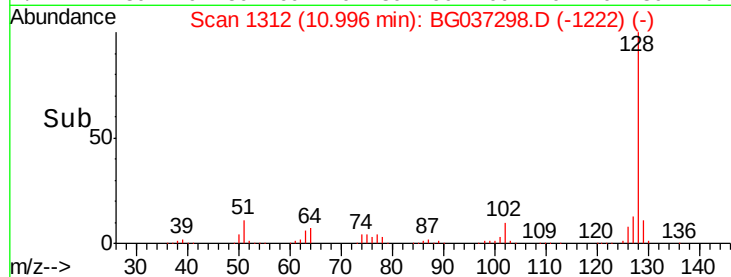
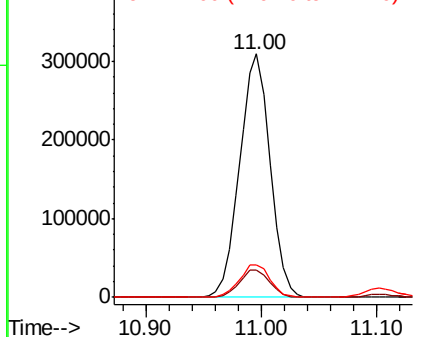
#31
Naphthalene
Concen: 45.483 ng
RT: 11.00 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BG037298.D
Acq: 12 Oct 2018 19:38

Instrument :
BNA_G
ClientSampleId :
SOIL-DRUMMS

Tgt Ion:128 Resp: 564235
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.4 11.1 16.7

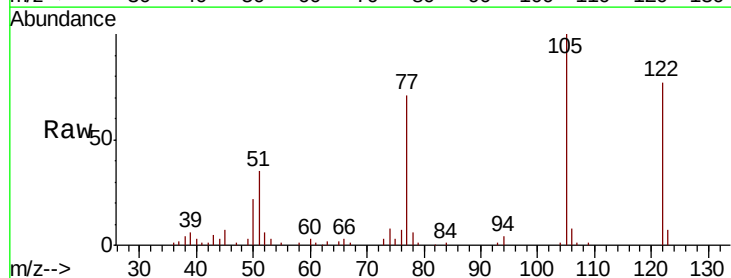


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

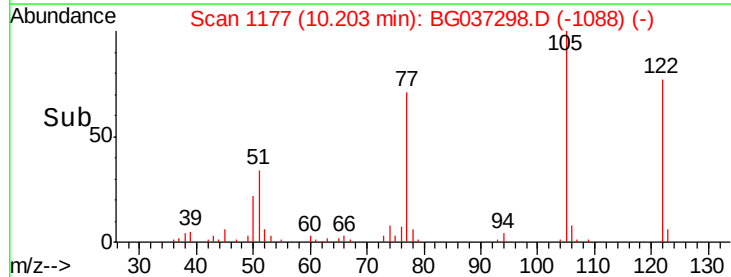
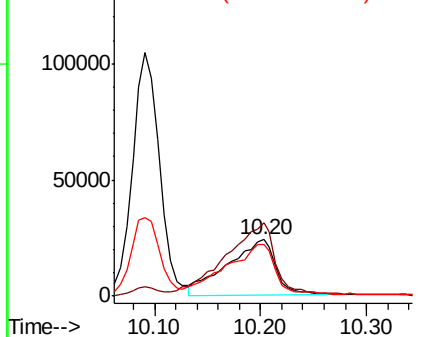


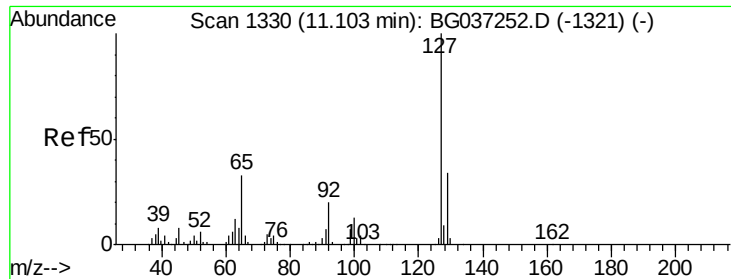
#32
Benzoic acid
Concen: 37.214 ng
RT: 10.20 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BG037298.D
Acq: 12 Oct 2018 19:38

Tgt Ion:122 Resp: 76128
Ion Ratio Lower Upper
122 100
105 129.9 106.7 146.7
77 91.8 72.2 112.2



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): BGO

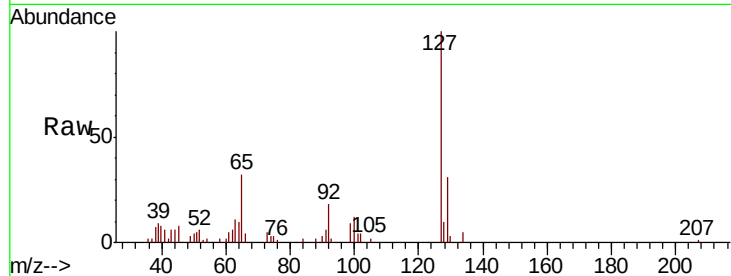




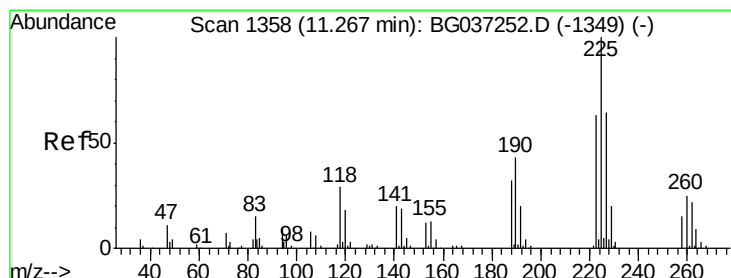
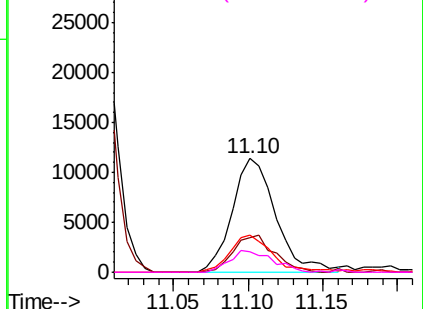
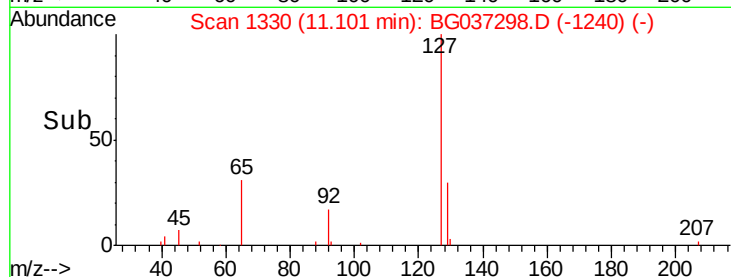
#33
4-Chloroaniline
Concen: 3.974 ng
RT: 11.10 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG037298.D
Acq: 12 Oct 2018 19:38

Instrument :
BNA_G
ClientSampleId :
SOIL-DRUMMS

Tgt Ion:	127	Resp:	23127
Ion	Ratio	Lower	Upper
127	100		
129	30.5	27.1	40.7
65	32.5	26.6	39.8
92	17.8	16.4	24.6

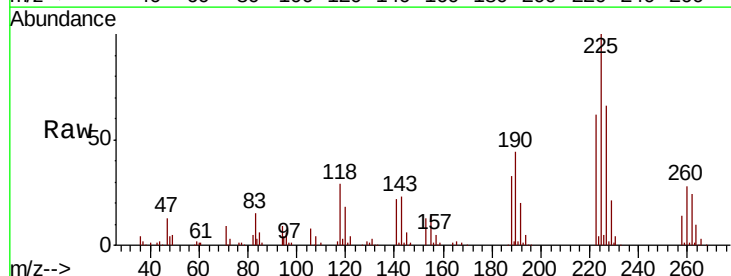


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

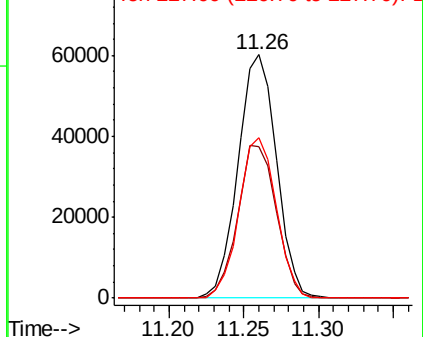
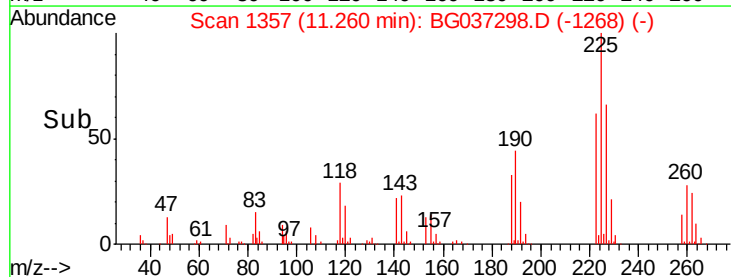


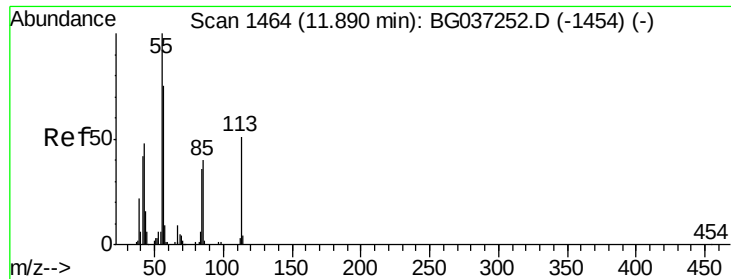
#34
Hexachlorobutadiene
Concen: 37.744 ng
RT: 11.26 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BG037298.D
Acq: 12 Oct 2018 19:38

Tgt Ion:	225	Resp:	107262
Ion	Ratio	Lower	Upper
225	100		
223	63.1	48.2	72.4
227	64.9	51.6	77.4



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: 22.645 ng

RT: 11.88 min Scan# 1463

Delta R.T. -0.01 min

Lab File: BG037298.D

Acq: 12 Oct 2018 19:38

Instrument :

BNA_G

ClientSampleId :

SOIL-DRUMMS

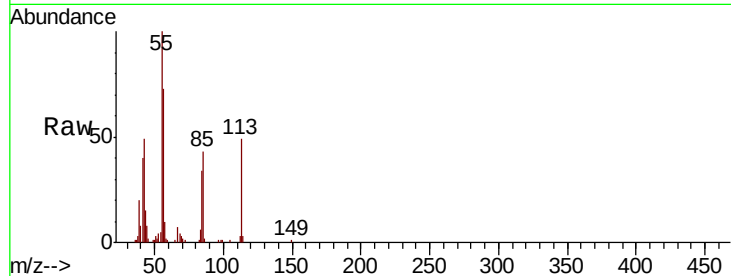
Tgt Ion:113 Resp: 34718

Ion Ratio Lower Upper

113 100

55 203.9 176.6 216.6

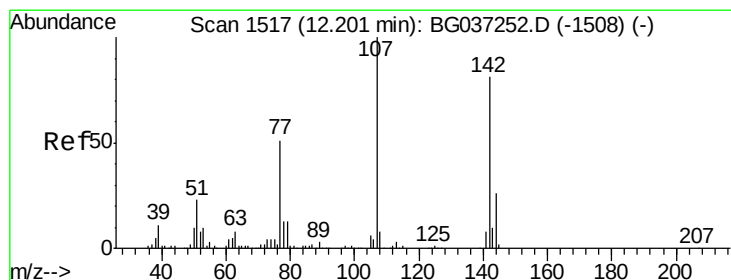
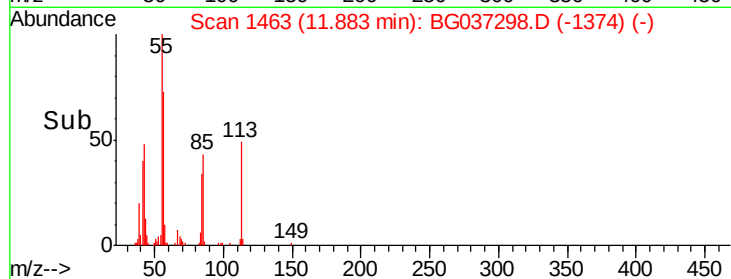
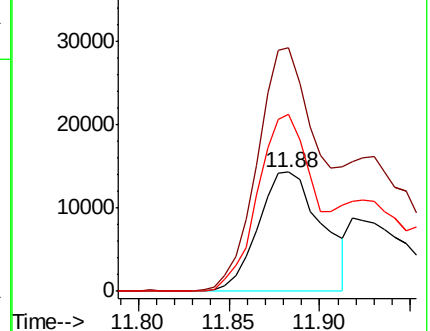
56 148.2 128.3 168.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 45.790 ng

RT: 12.20 min Scan# 1517

Delta R.T. -0.00 min

Lab File: BG037298.D

Acq: 12 Oct 2018 19:38

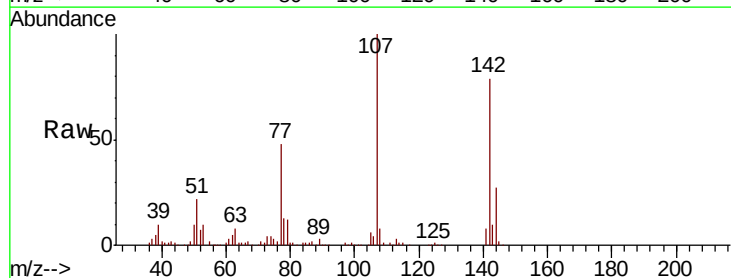
Tgt Ion:107 Resp: 203374

Ion Ratio Lower Upper

107 100

144 27.5 20.7 31.1

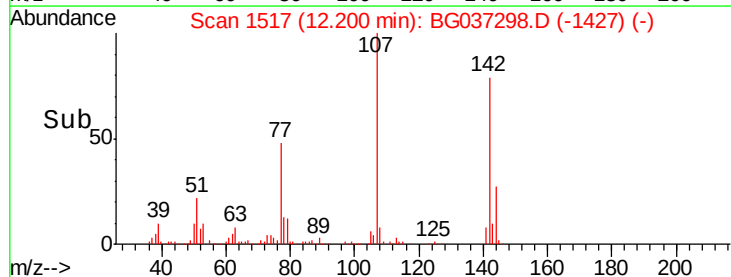
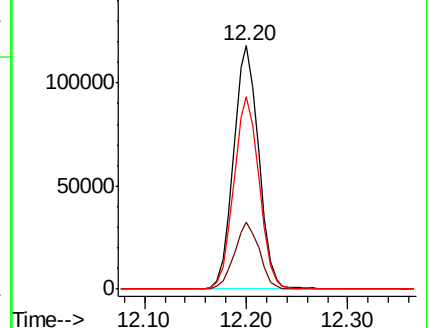
142 79.1 64.4 96.6

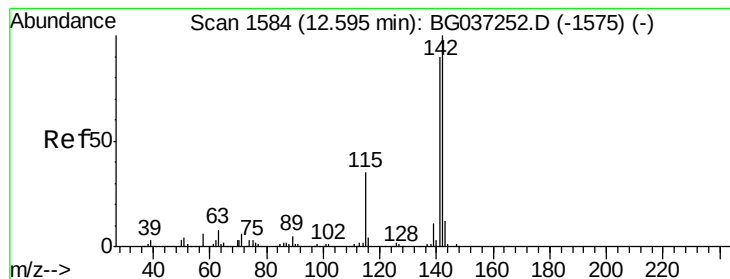


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 46.461 ng

RT: 12.59 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BG037298.D

Acq: 12 Oct 2018 19:38

Instrument :

BNA_G

ClientSampleId :

SOIL-DRUMMS

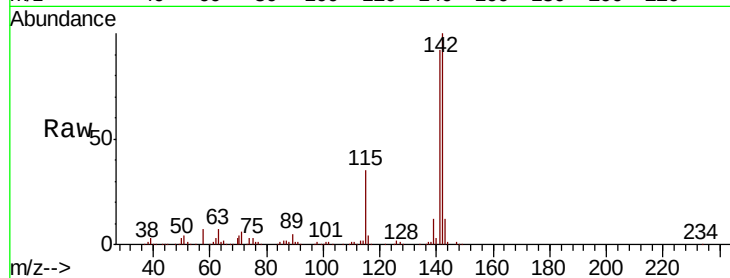
Tgt Ion:142 Resp: 420628

Ion Ratio Lower Upper

142 100

141 92.4 71.9 107.9

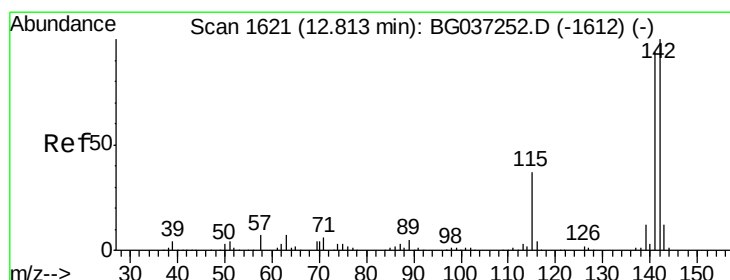
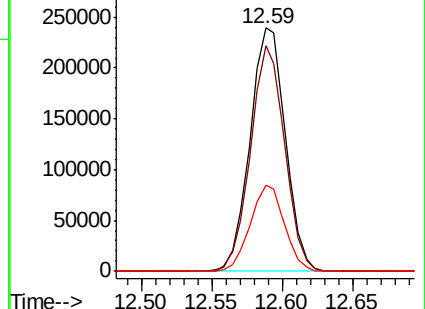
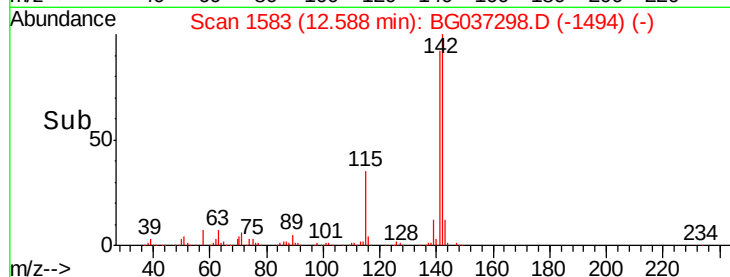
115 35.3 27.8 41.8



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

1-Methylnaphthalene

Concen: 44.977 ng

RT: 12.81 min Scan# 1620

Delta R.T. -0.01 min

Lab File: BG037298.D

Acq: 12 Oct 2018 19:38

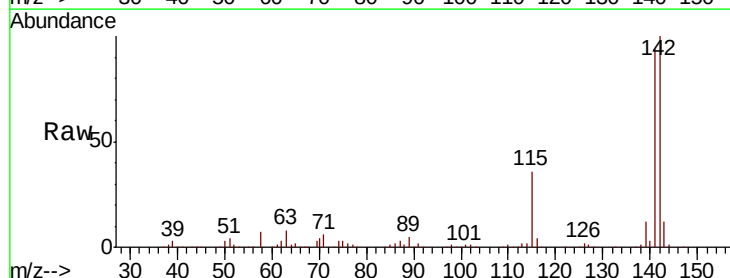
Tgt Ion:142 Resp: 397694

Ion Ratio Lower Upper

142 100

141 93.9 75.2 112.8

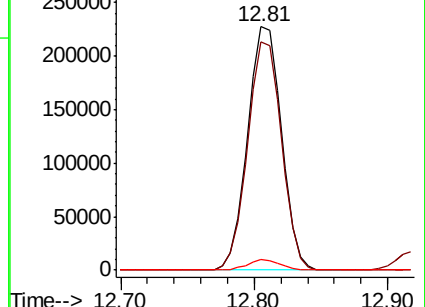
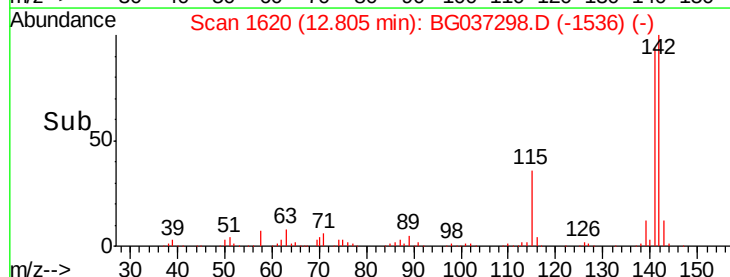
116 4.3 3.3 4.9

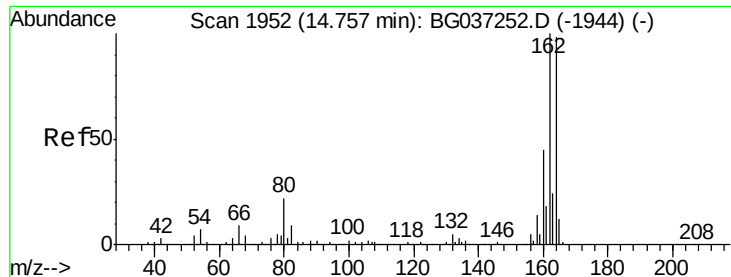


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BG037298.D

Acq: 12 Oct 2018 19:38

Instrument :

BNA_G

ClientSampleId :

SOIL-DRUMMS

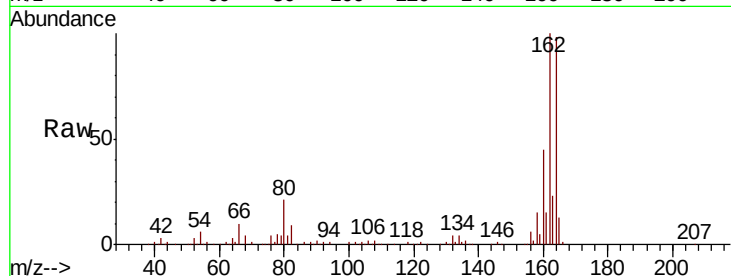
Tgt Ion:164 Resp: 172446

Ion Ratio Lower Upper

164 100

162 102.4 81.3 121.9

160 45.8 36.3 54.5

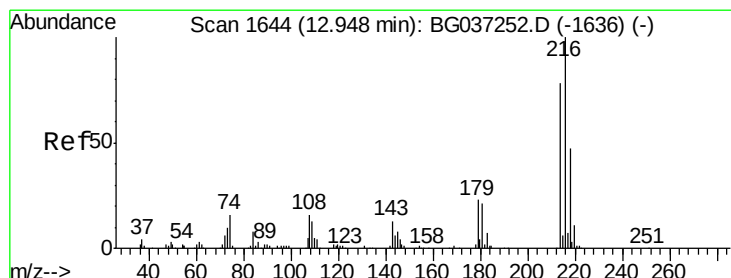
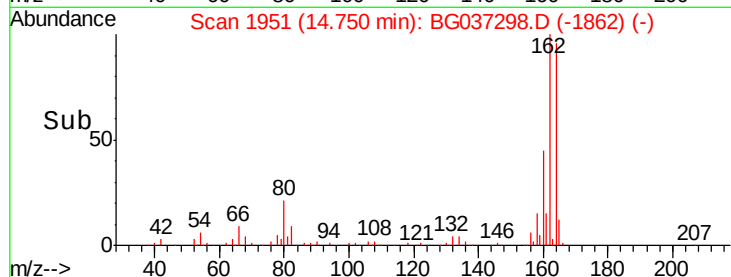
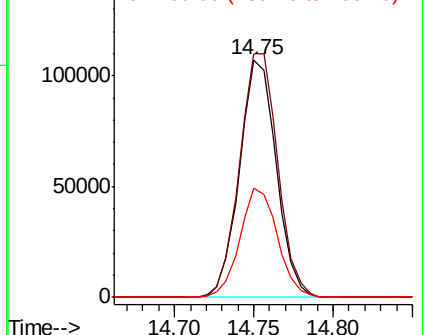


Abundance

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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.999 ng

RT: 12.95 min Scan# 1644

Delta R.T. -0.00 min

Lab File: BG037298.D

Acq: 12 Oct 2018 19:38

Tgt Ion:216 Resp: 212207

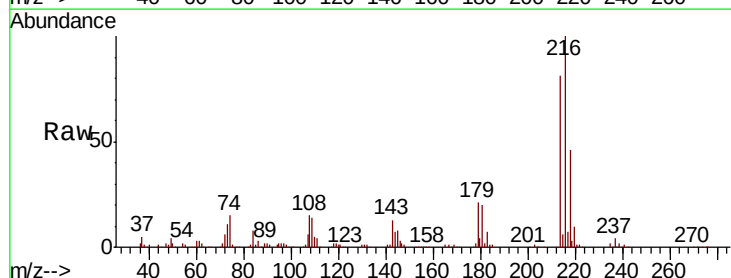
Ion Ratio Lower Upper

216 100

214 78.7 63.8 95.6

179 20.8 17.4 26.0

108 18.8 13.9 20.9



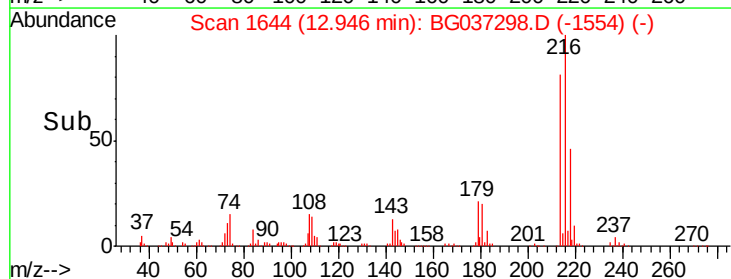
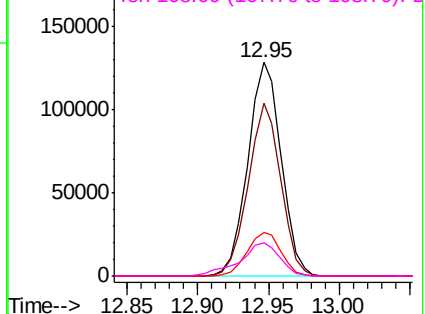
Abundance

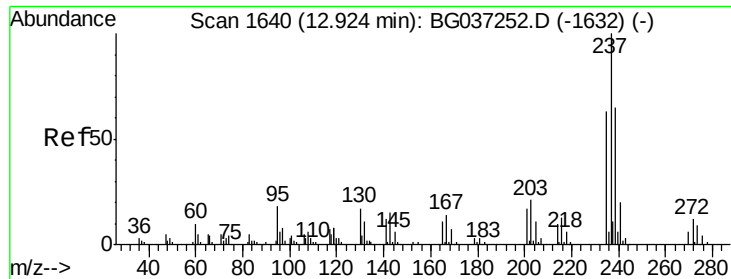
Ion 216.00 (215.70 to 216.70): E

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





#41

Hexachlorocyclopentadiene

Concen: 97.031 ng

RT: 12.92 min Scan# 1639

Delta R.T. -0.01 min

Lab File: BG037298.D

Acq: 12 Oct 2018 19:38

Instrument :

BNA_G

ClientSampleId :

SOIL-DRUMMS

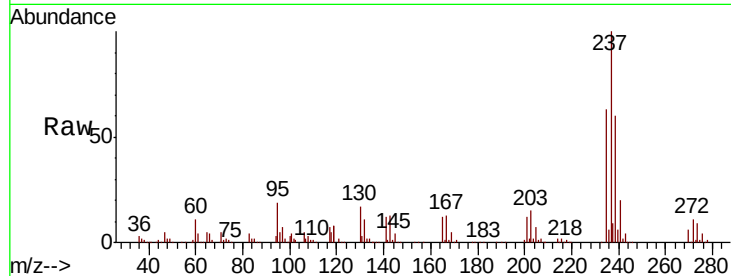
Tgt Ion:237 Resp: 223387

Ion Ratio Lower Upper

237 100

235 63.3 42.5 82.5

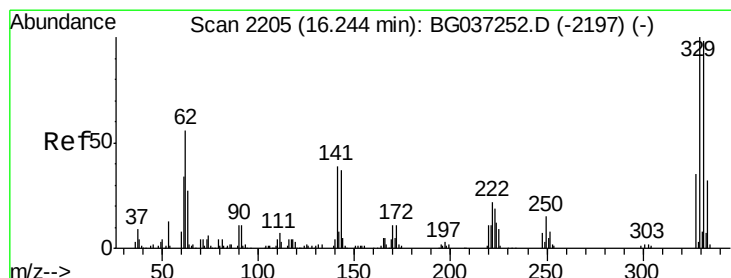
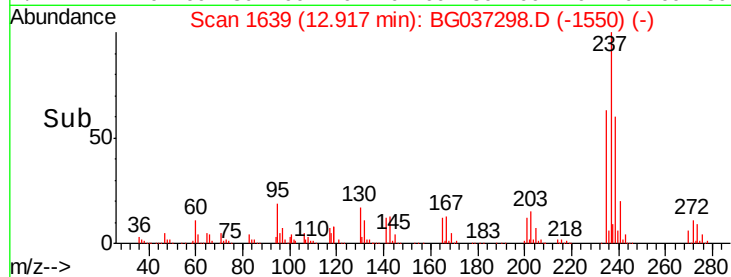
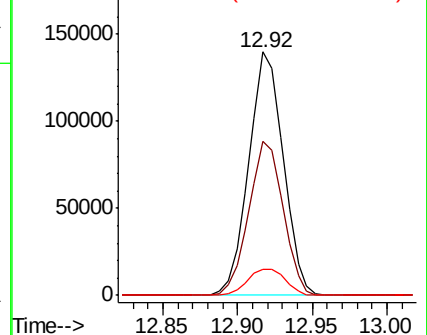
272 10.9 0.0 31.6



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



#42

2,4,6-Tribromophenol

Concen: 123.313 ng

RT: 16.24 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BG037298.D

Acq: 12 Oct 2018 19:38

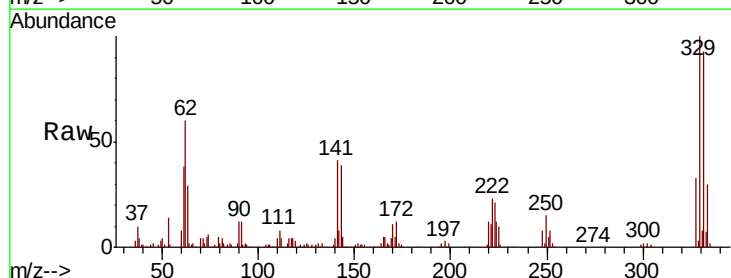
Tgt Ion:330 Resp: 208549

Ion Ratio Lower Upper

330 100

332 95.1 78.4 117.6

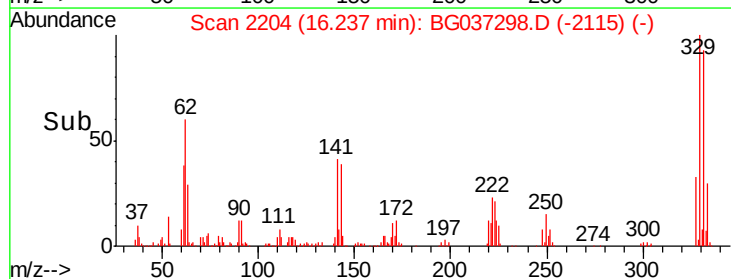
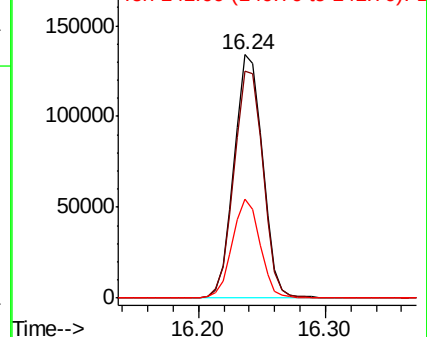
141 39.6 32.2 48.2

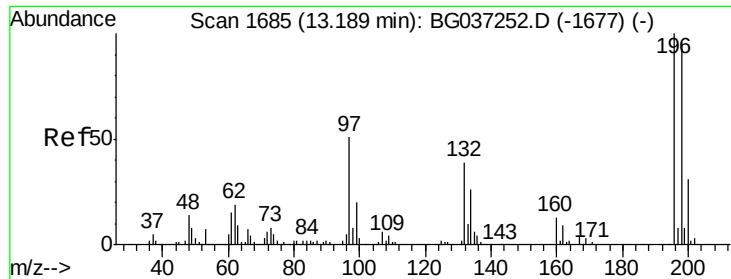


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

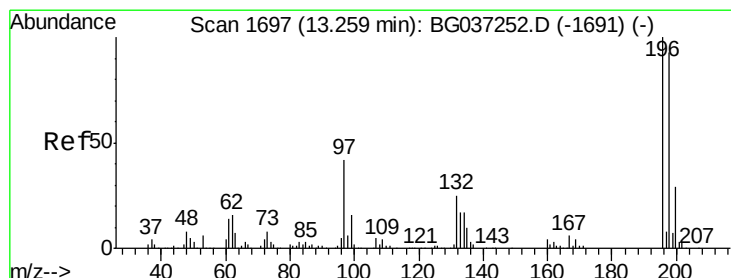
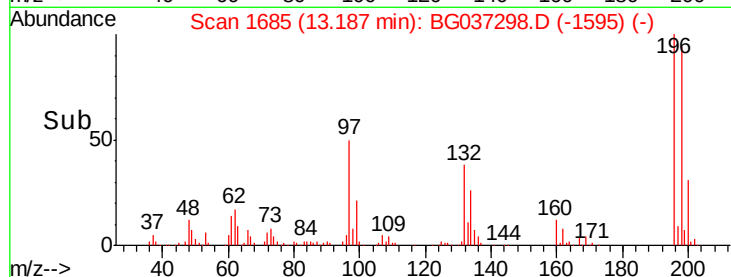
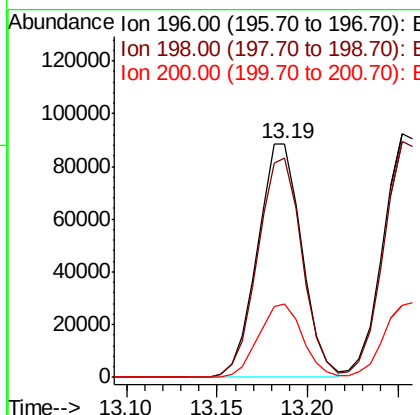
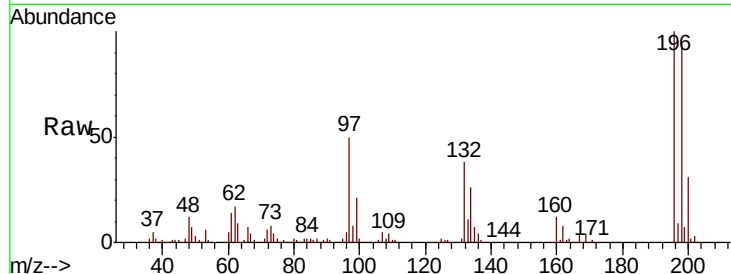




#43
 2,4,6-Trichlorophenol
 Concen: 46.437 ng
 RT: 13.19 min Scan# 1685
 Delta R.T. -0.00 min
 Lab File: BG037298.D
 Acq: 12 Oct 2018 19:38

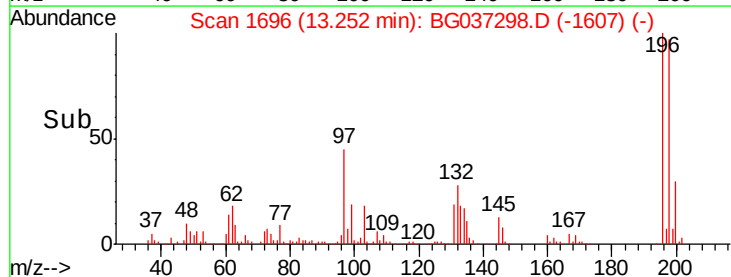
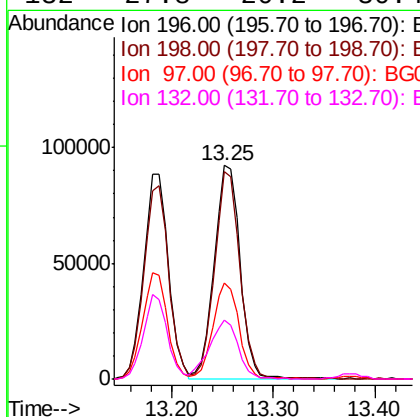
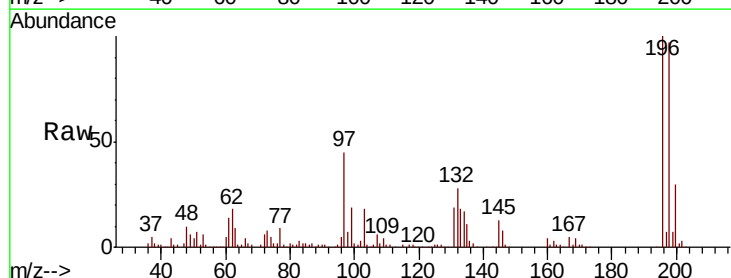
Instrument :
 BNA_G
 ClientSampleId :
 SOIL-DRUMMS

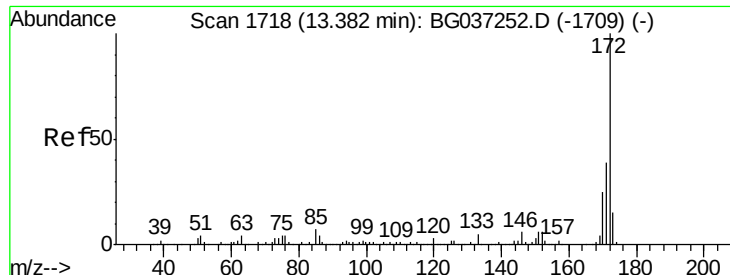
Tgt Ion:196 Resp: 150441
 Ion Ratio Lower Upper
 196 100
 198 94.0 76.4 114.6
 200 31.4 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 46.769 ng
 RT: 13.25 min Scan# 1696
 Delta R.T. -0.01 min
 Lab File: BG037298.D
 Acq: 12 Oct 2018 19:38

Tgt Ion:196 Resp: 163021
 Ion Ratio Lower Upper
 196 100
 198 97.1 74.2 111.2
 97 44.7 34.1 51.1
 132 27.8 20.2 30.4

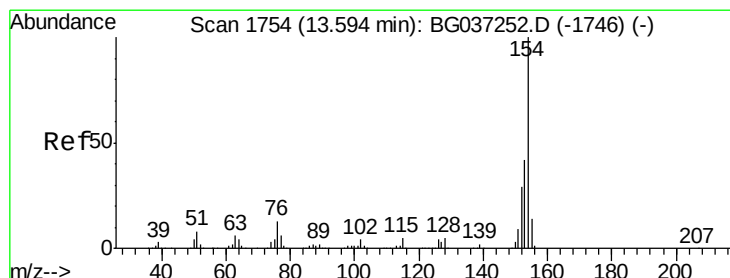
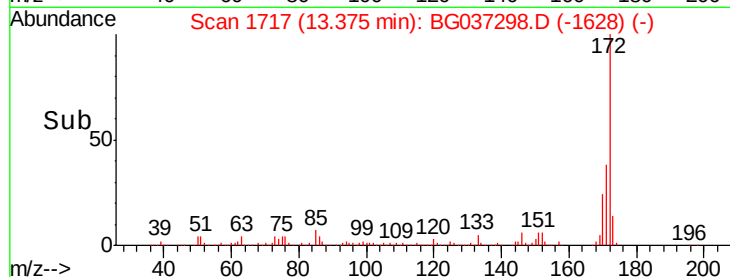
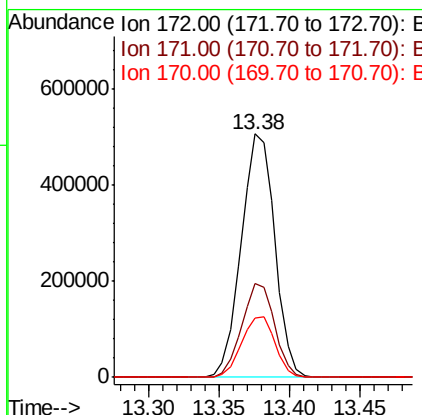
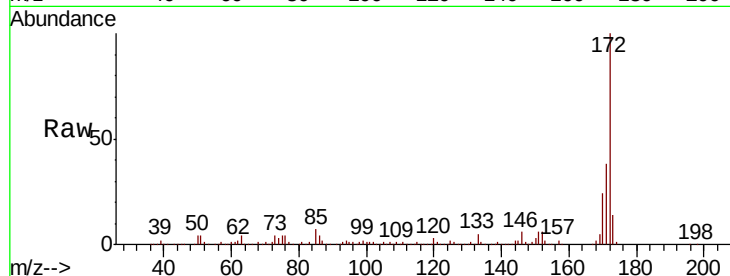




#45
2-Fluorobiphenyl
Concen: 73.428 ng
RT: 13.38 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BG037298.D
Acq: 12 Oct 2018 19:38

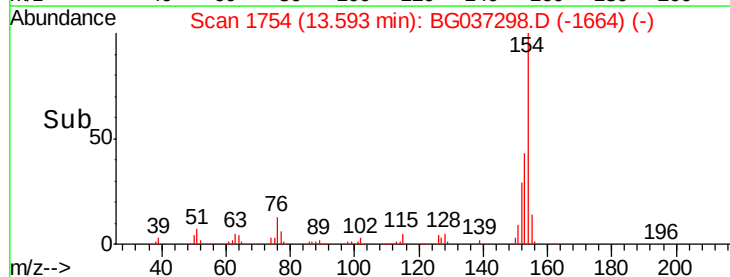
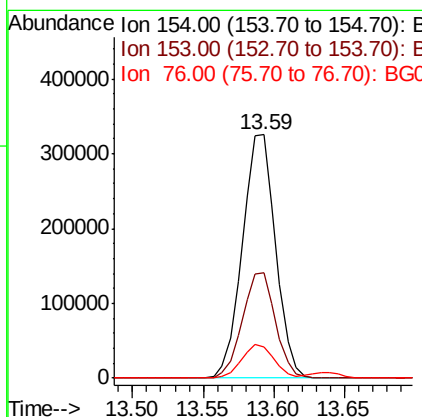
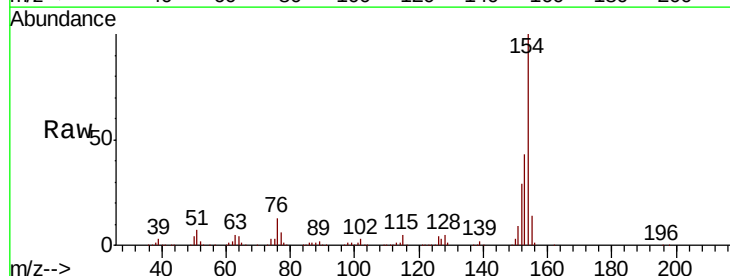
Instrument :
BNA_G
ClientSampleId :
SOIL-DRUMMS

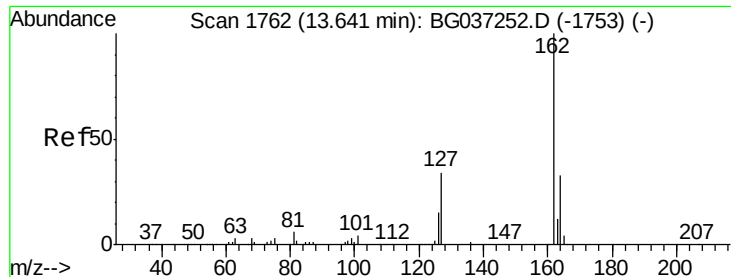
Tgt Ion:172 Resp: 843161
Ion Ratio Lower Upper
172 100
171 38.5 31.0 46.4
170 24.4 20.2 30.2



#46
1,1'-Biphenyl
Concen: 37.780 ng
RT: 13.59 min Scan# 1754
Delta R.T. -0.00 min
Lab File: BG037298.D
Acq: 12 Oct 2018 19:38

Tgt Ion:154 Resp: 535936
Ion Ratio Lower Upper
154 100
153 43.4 22.1 62.1
76 12.9 0.0 33.2





#47

2-Chloronaphthalene

Concen: 39.753 ng

RT: 13.63 min Scan# 1761

Delta R.T. -0.01 min

Lab File: BG037298.D

Acq: 12 Oct 2018 19:38

Instrument :

BNA_G

ClientSampleId :

SOIL-DRUMMS

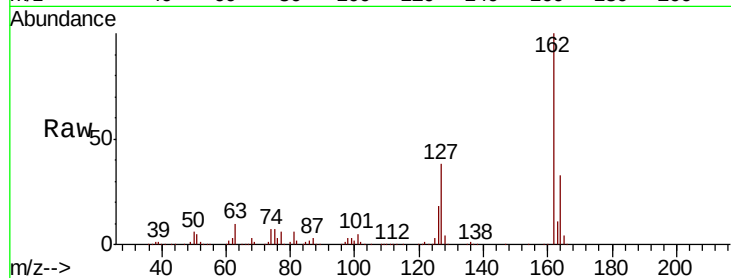
Tgt Ion:162 Resp: 425960

Ion Ratio Lower Upper

162 100

127 38.4 30.5 45.7

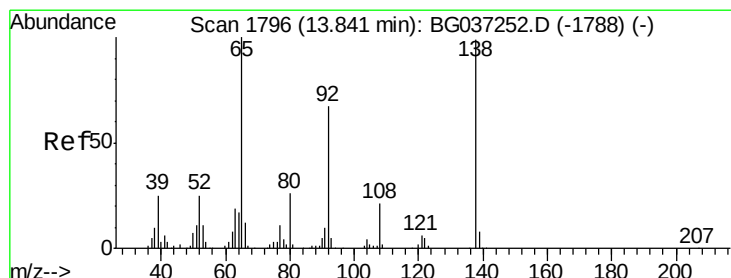
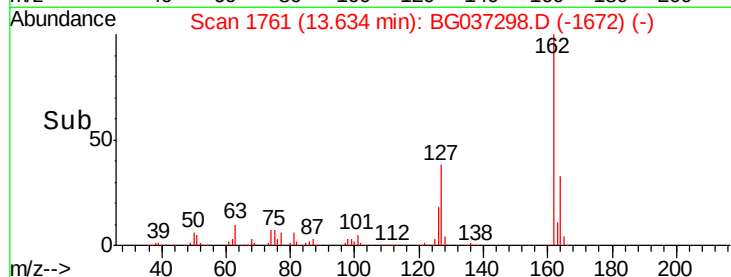
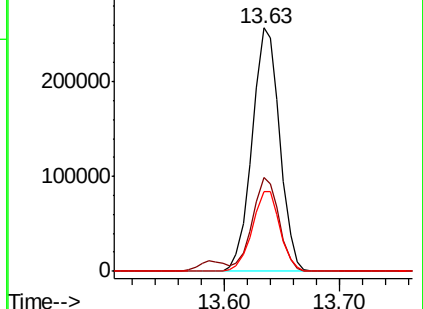
164 33.0 26.4 39.6



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 43.871 ng

RT: 13.84 min Scan# 1796

Delta R.T. -0.00 min

Lab File: BG037298.D

Acq: 12 Oct 2018 19:38

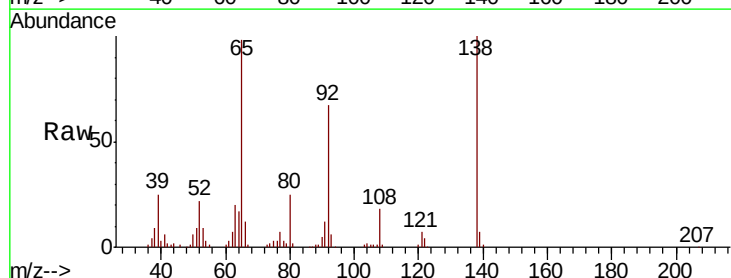
Tgt Ion: 65 Resp: 125733

Ion Ratio Lower Upper

65 100

92 69.0 53.2 79.8

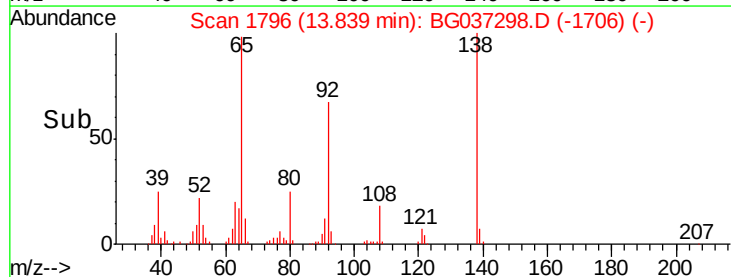
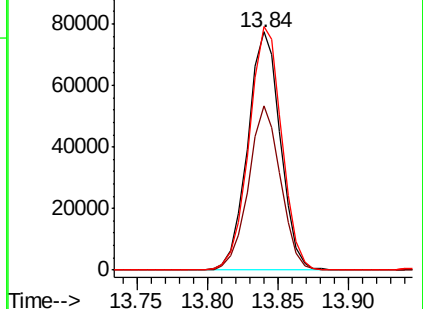
138 102.2 79.3 118.9

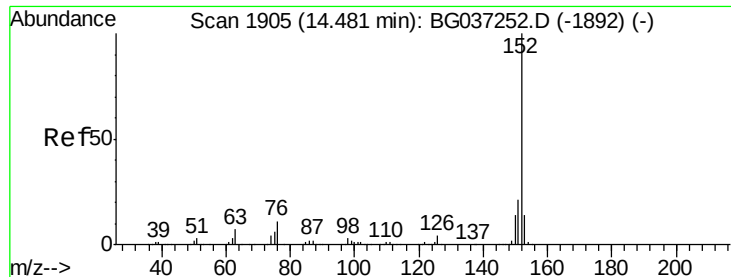


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.942 ng

RT: 14.48 min Scan# 1905

Delta R.T. -0.00 min

Lab File: BG037298.D

Acq: 12 Oct 2018 19:38

Instrument :

BNA_G

ClientSampleId :

SOIL-DRUMMS

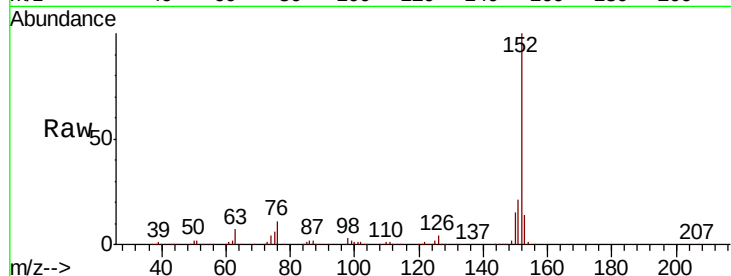
Tgt Ion:152 Resp: 703878

Ion Ratio Lower Upper

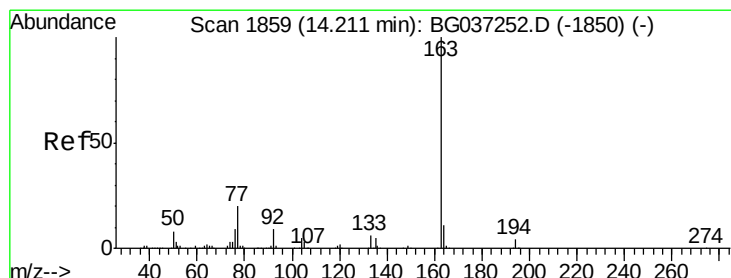
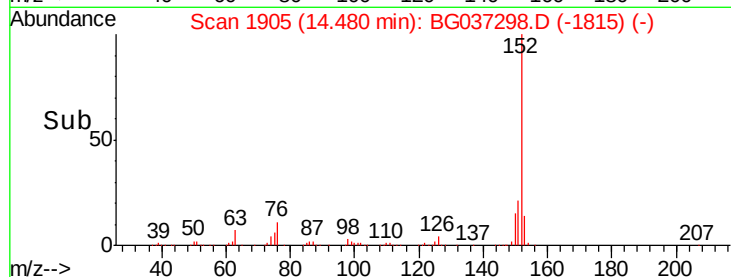
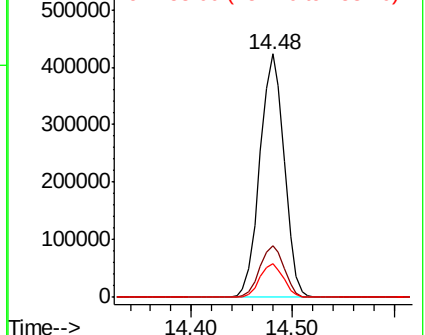
152 100

151 21.4 17.1 25.7

153 14.1 11.1 16.7



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



#50

Dimethylphthalate

Concen: 40.785 ng

RT: 14.20 min Scan# 1858

Delta R.T. -0.01 min

Lab File: BG037298.D

Acq: 12 Oct 2018 19:38

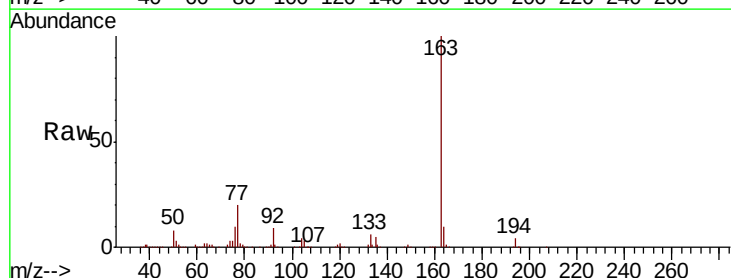
Tgt Ion:163 Resp: 552727

Ion Ratio Lower Upper

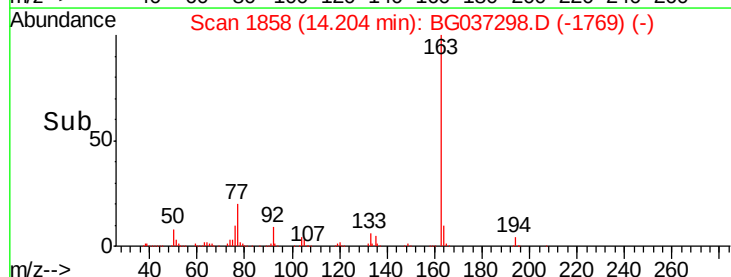
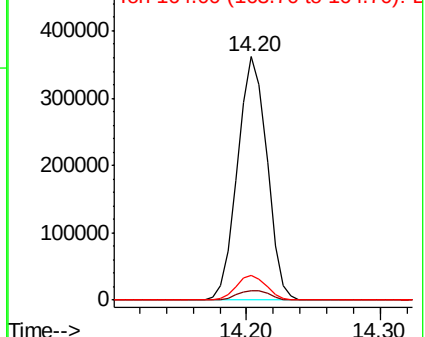
163 100

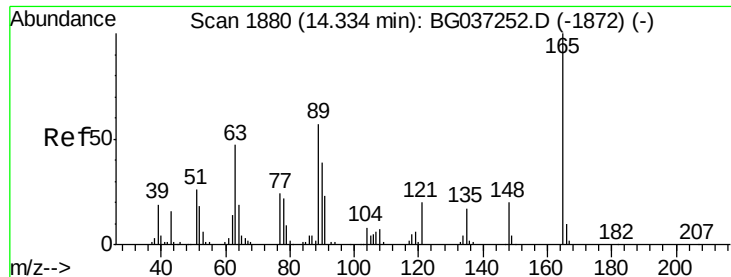
194 3.9 3.5 5.3

164 10.2 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 43.910 ng

RT: 14.33 min Scan# 1880

Delta R.T. -0.00 min

Lab File: BG037298.D

Acq: 12 Oct 2018 19:38

Instrument :

BNA_G

ClientSampleId :

SOIL-DRUMMS

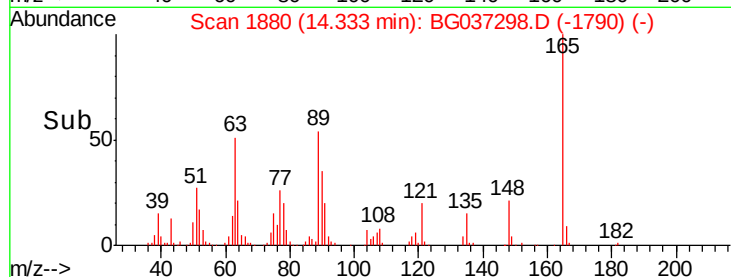
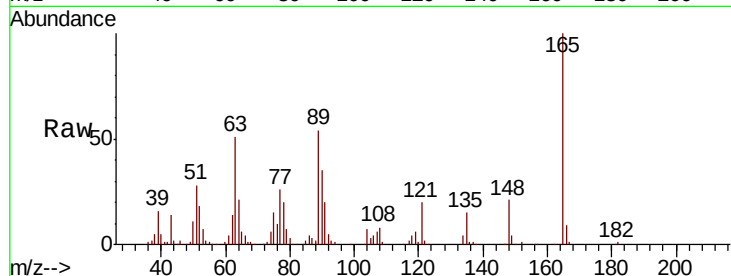
Tgt Ion:165 Resp: 114389

Ion Ratio Lower Upper

165 100

63 51.0 43.4 65.2

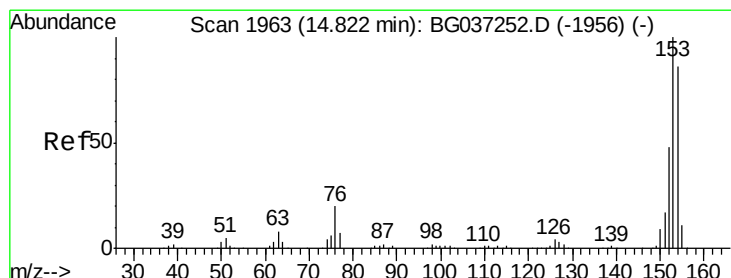
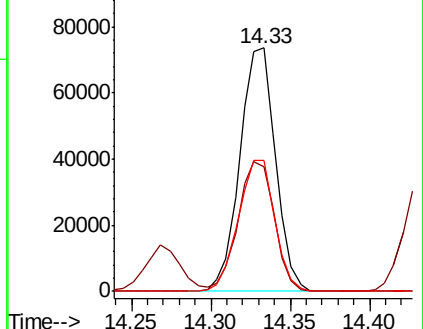
89 53.6 45.8 68.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 40.221 ng

RT: 14.81 min Scan# 1962

Delta R.T. -0.01 min

Lab File: BG037298.D

Acq: 12 Oct 2018 19:38

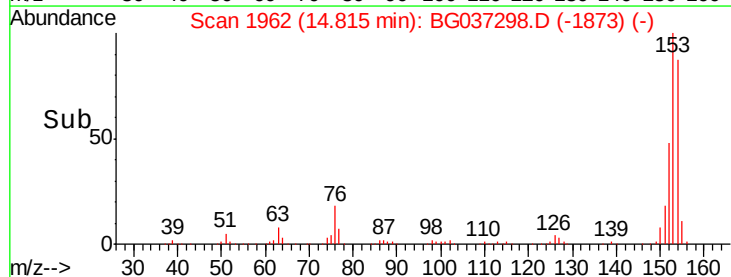
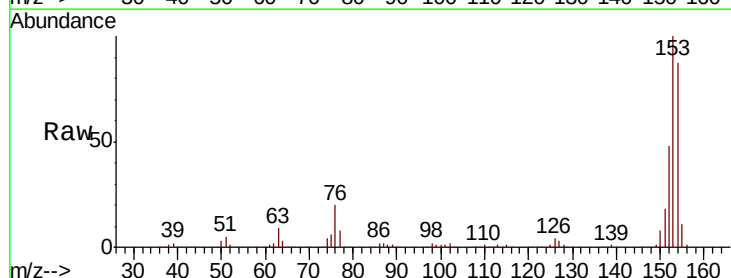
Tgt Ion:154 Resp: 407227

Ion Ratio Lower Upper

154 100

153 115.2 93.4 140.0

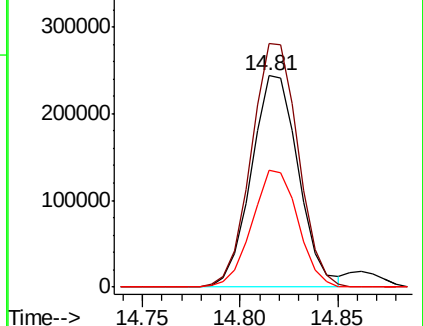
152 55.1 44.7 67.1

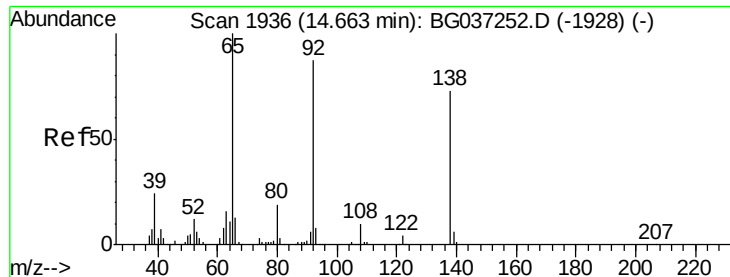


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 23.532 ng

RT: 14.66 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BG037298.D

Acq: 12 Oct 2018 19:38

Instrument :

BNA_G

ClientSampleId :

SOIL-DRUMMS

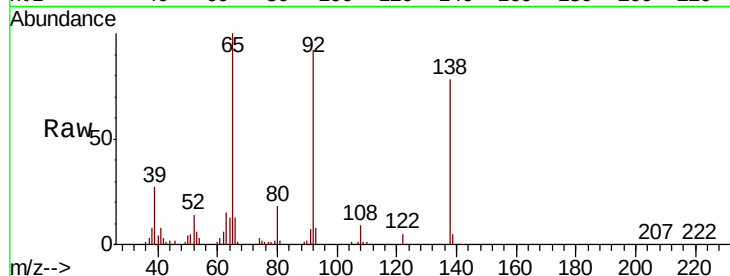
Tgt Ion:138 Resp: 66725

Ion Ratio Lower Upper

138 100

108 11.5 11.0 16.6

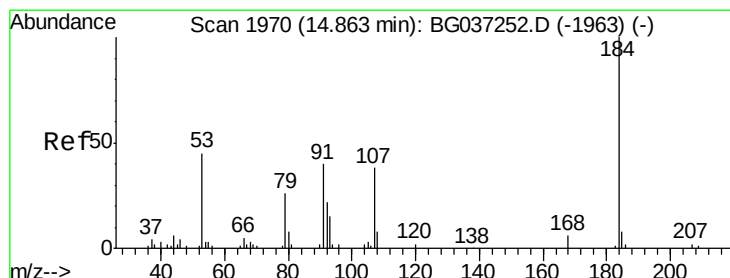
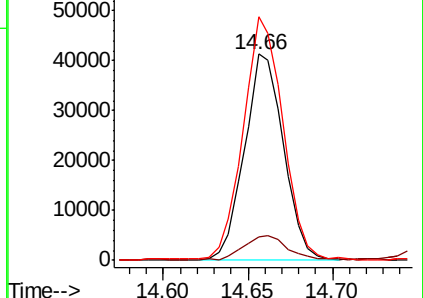
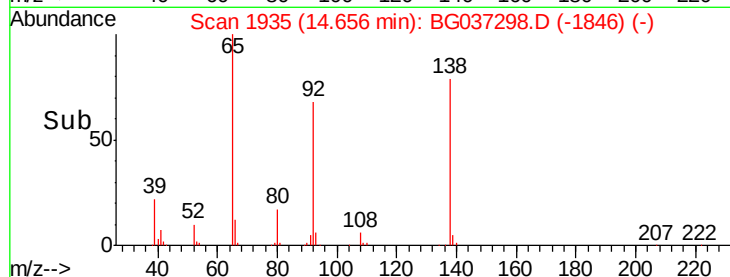
92 118.2 95.2 142.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 78.969 ng

RT: 14.86 min Scan# 1970

Delta R.T. -0.00 min

Lab File: BG037298.D

Acq: 12 Oct 2018 19:38

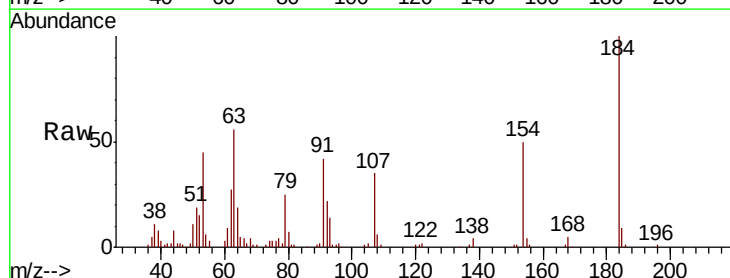
Tgt Ion:184 Resp: 53551

Ion Ratio Lower Upper

184 100

63 55.8 42.6 63.8

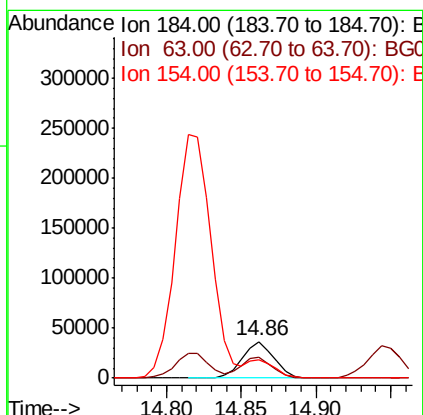
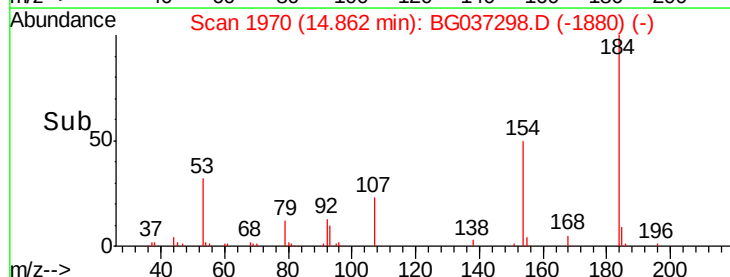
154 49.5 41.8 62.6

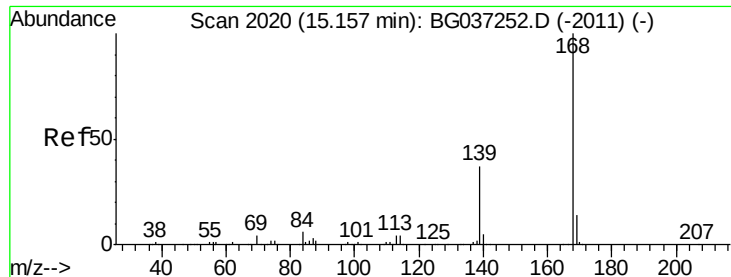


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

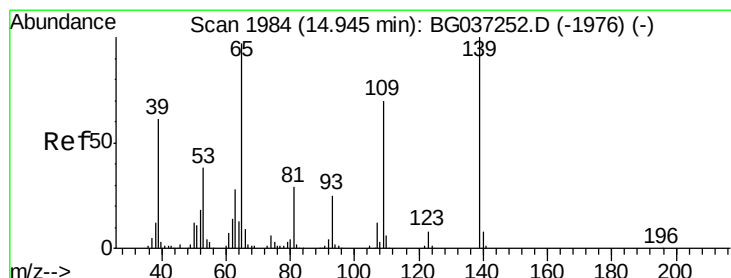
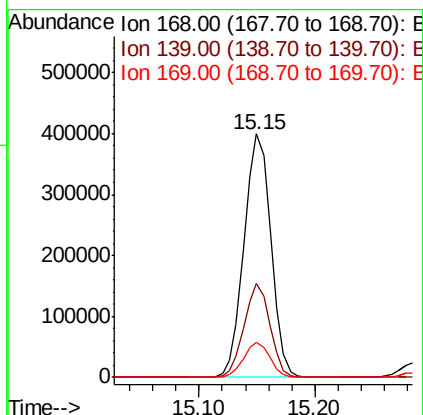
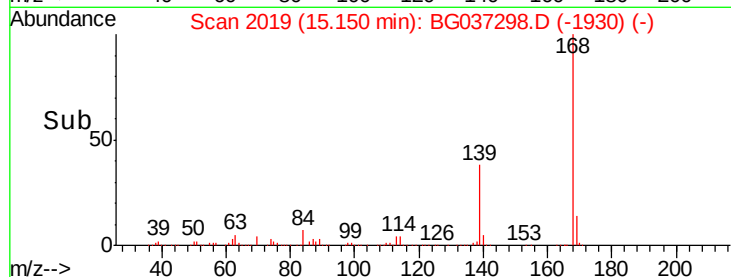
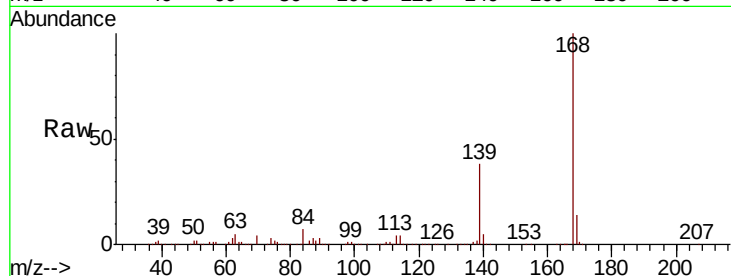




#55
Dibenzenofuran
Concen: 39.240 ng
RT: 15.15 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BG037298.D
Acq: 12 Oct 2018 19:38

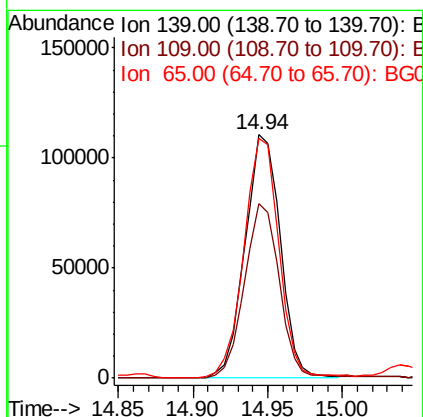
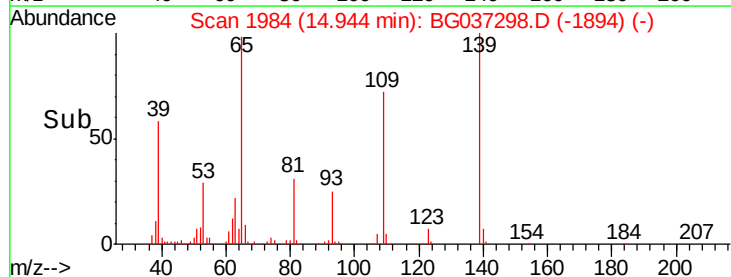
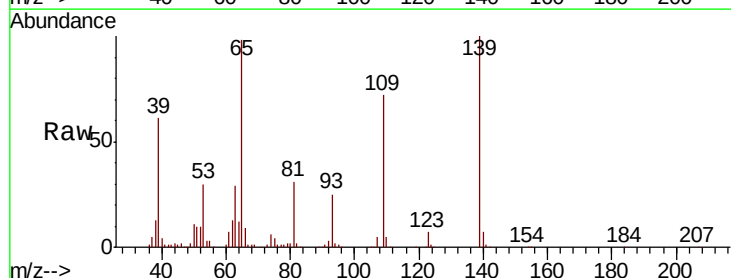
Instrument :
BNA_G
ClientSampleId :
SOIL-DRUMMS

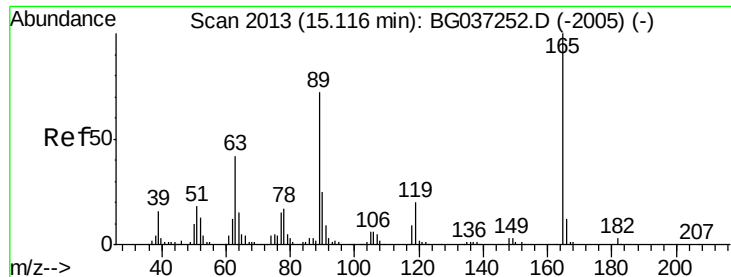
Tgt Ion:168 Resp: 644675
Ion Ratio Lower Upper
168 100
139 38.5 29.4 44.0
169 14.2 11.0 16.6



#56
4-Nitrophenol
Concen: 81.700 ng
RT: 14.94 min Scan# 1984
Delta R.T. -0.00 min
Lab File: BG037298.D
Acq: 12 Oct 2018 19:38

Tgt Ion:139 Resp: 180574
Ion Ratio Lower Upper
139 100
109 71.9 49.5 89.5
65 98.3 76.8 116.8

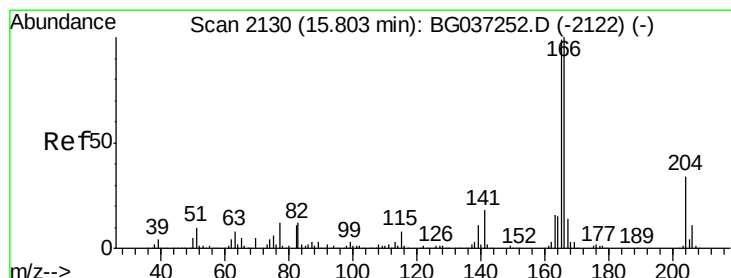
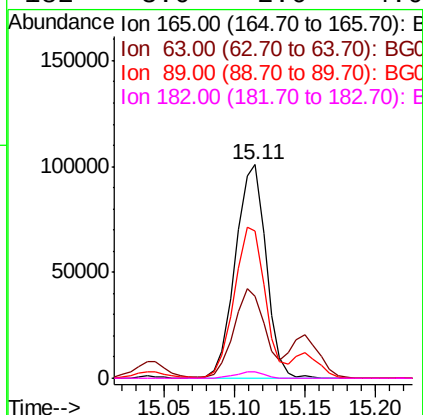
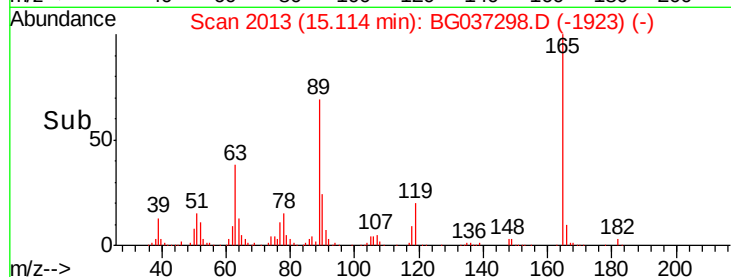
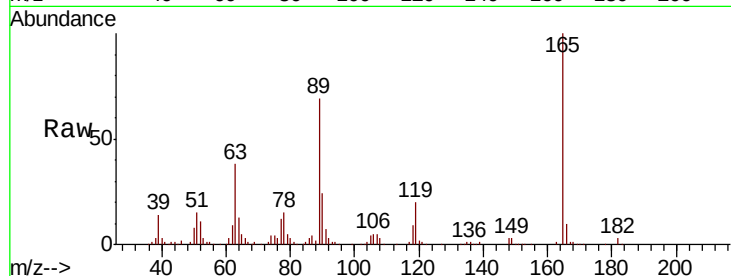




#57
2,4-Dinitrotoluene
Concen: 46.095 ng
RT: 15.11 min Scan# 213
Delta R.T. -0.00 min
Lab File: BG037298.D
Acq: 12 Oct 2018 19:38

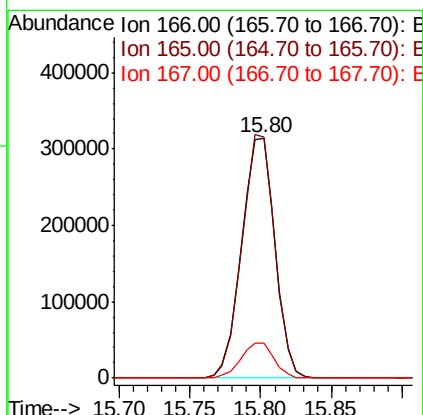
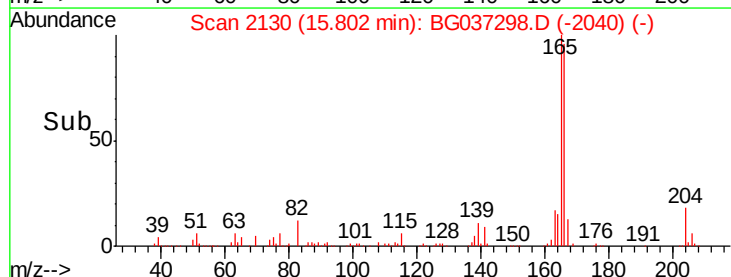
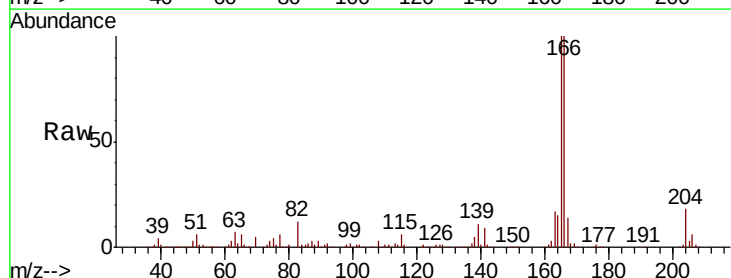
Instrument :
BNA_G
ClientSampleId :
SOIL-DRUMMS

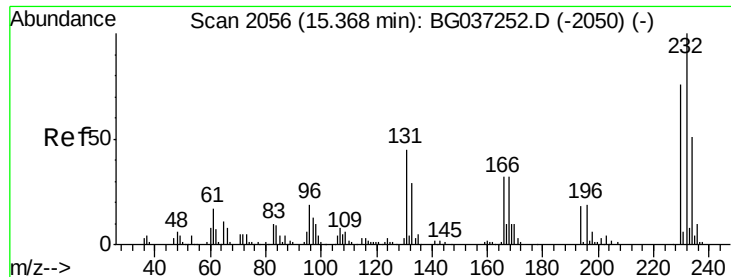
Tgt Ion:165 Resp: 152781
Ion Ratio Lower Upper
165 100
63 38.5 33.4 50.0
89 68.8 57.2 85.8
182 3.0 2.6 4.0



#58
Fluorene
Concen: 41.852 ng
RT: 15.80 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BG037298.D
Acq: 12 Oct 2018 19:38

Tgt Ion:166 Resp: 520020
Ion Ratio Lower Upper
166 100
165 100.1 79.0 118.6
167 14.5 11.3 16.9

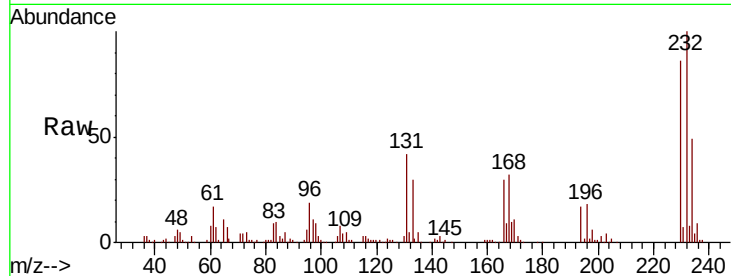




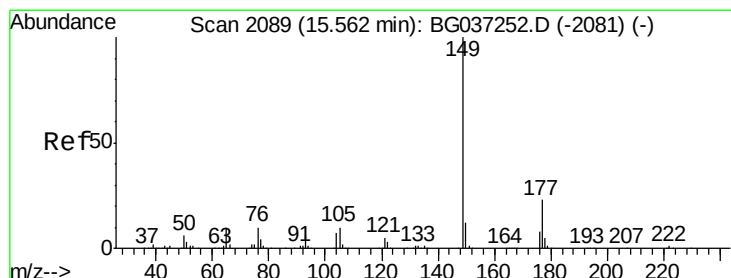
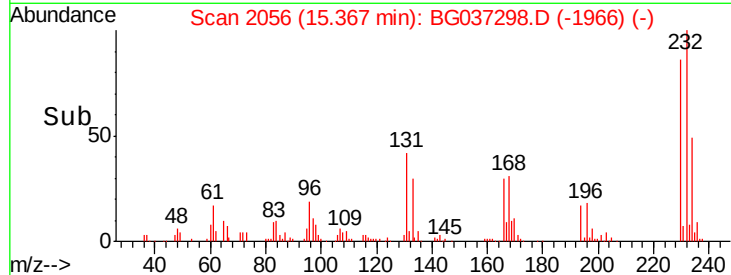
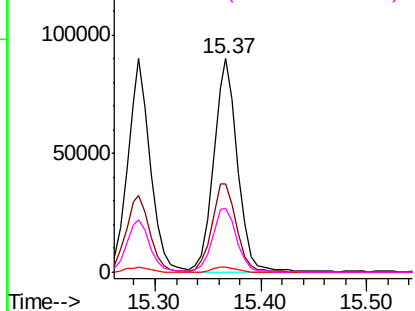
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.653 ng
 RT: 15.37 min Scan# 2056
 Delta R.T. -0.00 min
 Lab File: BG037298.D
 Acq: 12 Oct 2018 19:38

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-DRUMMS

Tgt Ion:	232	Resp:	140887
Ion	Ratio	Lower	Upper
232	100		
131	43.5	33.7	50.5
130	2.5	2.1	3.1
166	31.2	24.6	36.8

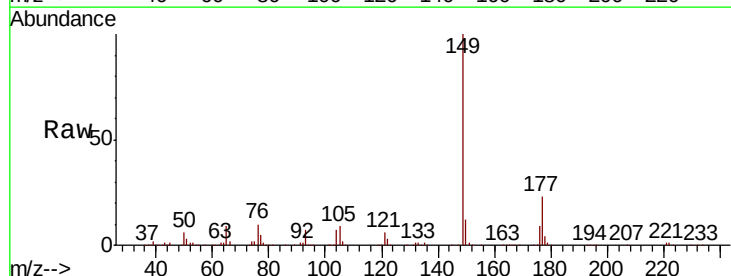


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

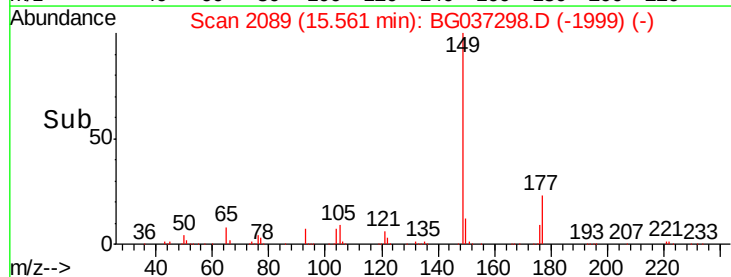
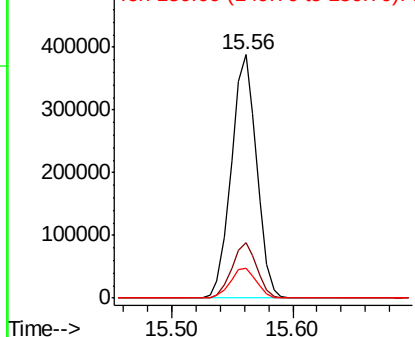


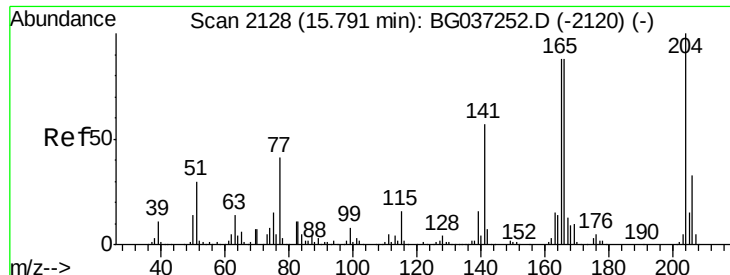
#60
 Diethylphthalate
 Concen: 40.150 ng
 RT: 15.56 min Scan# 2089
 Delta R.T. -0.00 min
 Lab File: BG037298.D
 Acq: 12 Oct 2018 19:38

Tgt Ion:	149	Resp:	563886
Ion	Ratio	Lower	Upper
149	100		
177	22.6	18.3	27.5
150	12.4	10.0	15.0



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

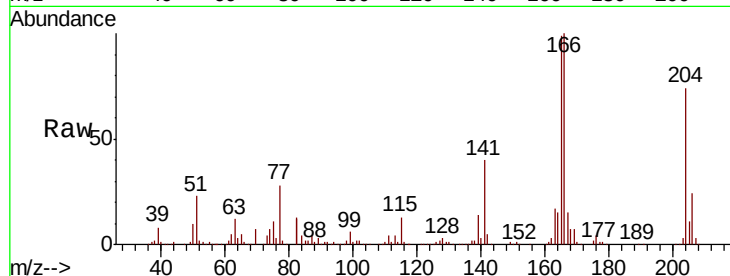




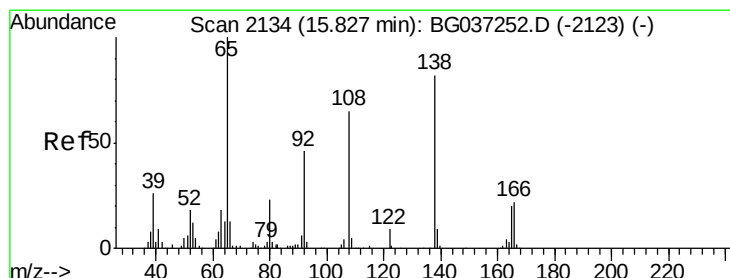
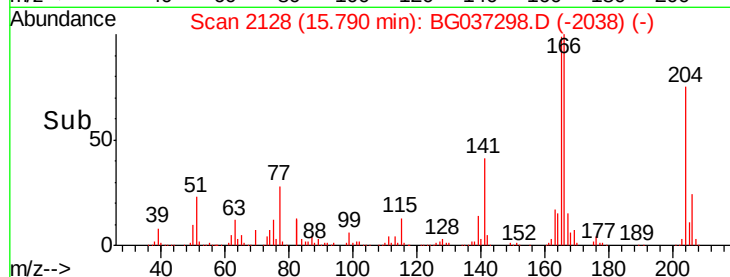
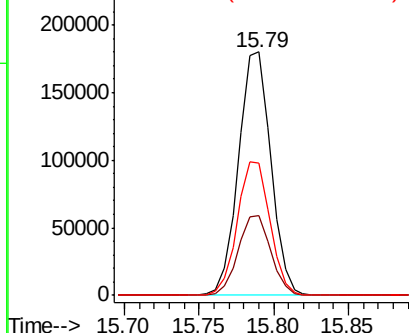
#61
 4-Chlorophenyl-phenylether
 Concen: 37.279 ng
 RT: 15.79 min Scan# 2128
 Delta R.T. -0.00 min
 Lab File: BG037298.D
 Acq: 12 Oct 2018 19:38

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-DRUMMS

Tgt Ion:204 Resp: 270750
 Ion Ratio Lower Upper
 204 100
 206 32.6 26.6 39.8
 141 54.5 45.4 68.2

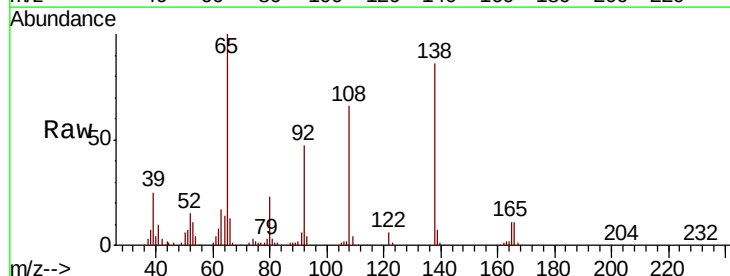


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

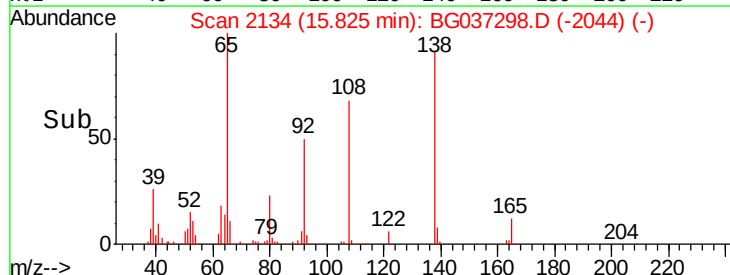
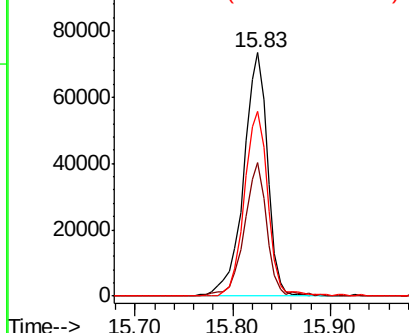


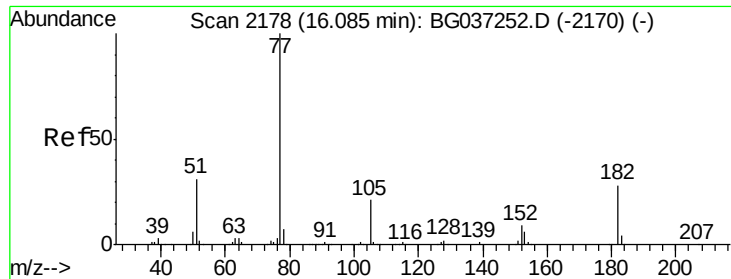
#62
 4-Nitroaniline
 Concen: 42.280 ng
 RT: 15.83 min Scan# 2134
 Delta R.T. -0.00 min
 Lab File: BG037298.D
 Acq: 12 Oct 2018 19:38

Tgt Ion:138 Resp: 125828
 Ion Ratio Lower Upper
 138 100
 92 54.9 36.4 76.4
 108 75.9 60.1 100.1



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





#63

Azobenzene

Concen: 39.311 ng

RT: 16.08 min Scan# 2177

Delta R.T. -0.01 min

Lab File: BG037298.D

Acq: 12 Oct 2018 19:38

Instrument :

BNA_G

ClientSampleId :

SOIL-DRUMMS

Tgt Ion: 77 Resp: 529340

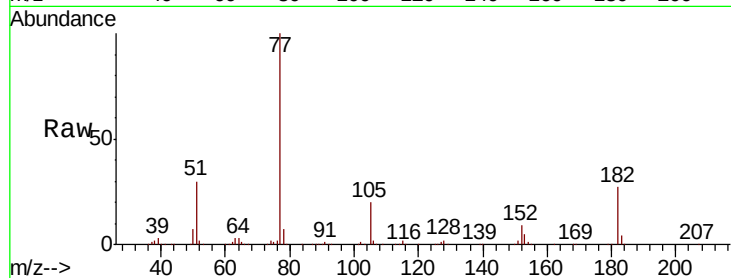
Ion Ratio Lower Upper

77 100

182 27.4 8.0 48.0

105 20.2 1.3 41.3

51 29.7 10.7 50.7

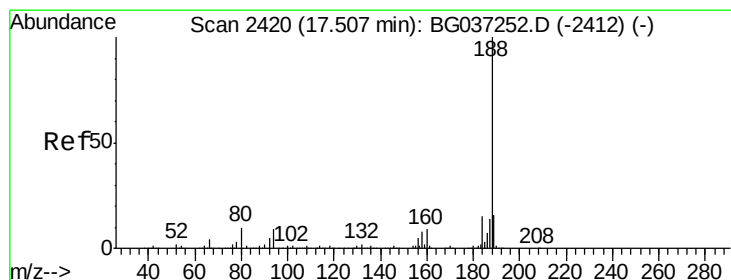
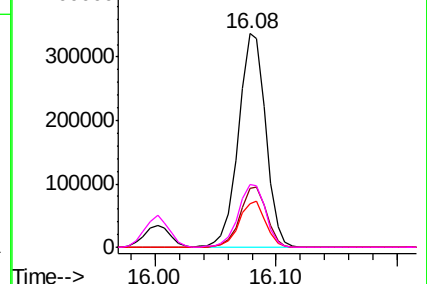
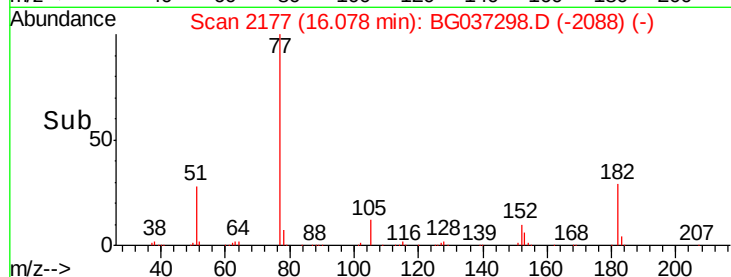


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.50 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BG037298.D

Acq: 12 Oct 2018 19:38

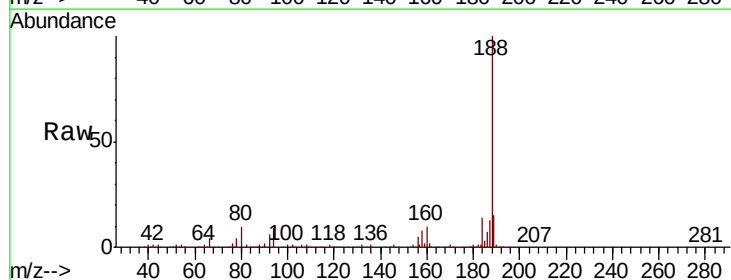
Tgt Ion: 188 Resp: 424543

Ion Ratio Lower Upper

188 100

94 9.1 7.2 10.8

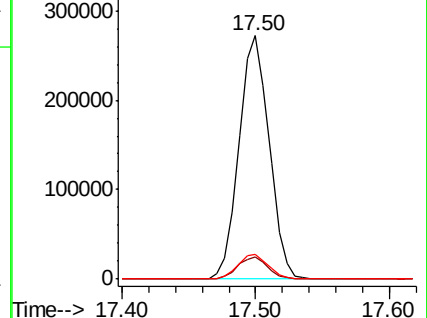
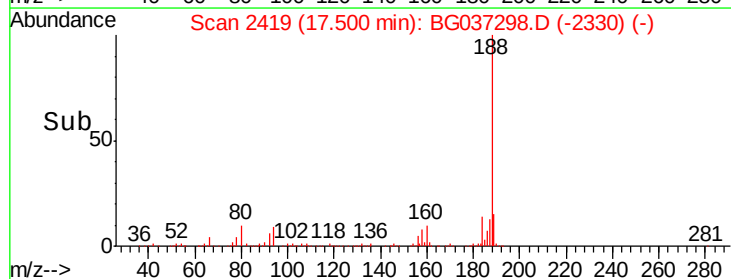
80 10.2 7.7 11.5

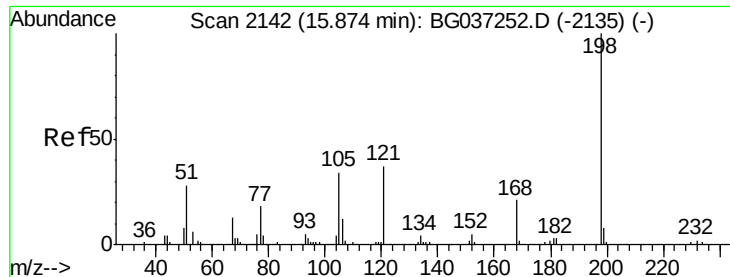


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 36.672 ng

RT: 15.87 min Scan# 2141

Delta R.T. -0.01 min

Lab File: BG037298.D

Acq: 12 Oct 2018 19:38

Instrument :

BNA_G

ClientSampleId :

SOIL-DRUMMS

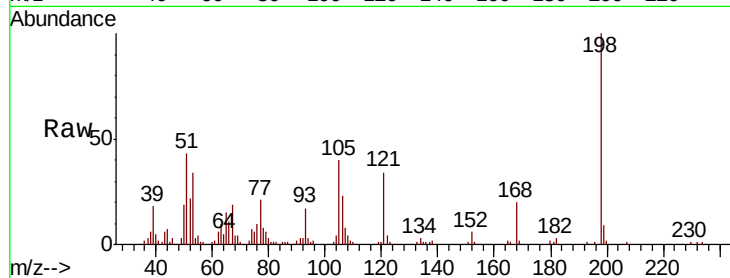
Tgt Ion:198 Resp: 46603

Ion Ratio Lower Upper

198 100

51 43.0 22.7 62.7

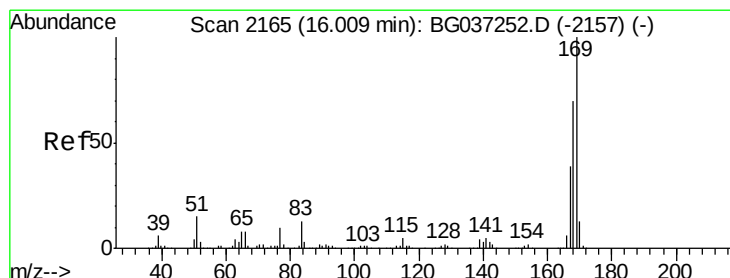
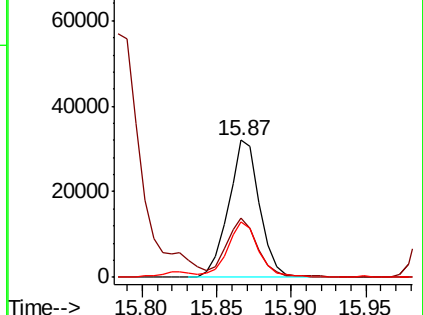
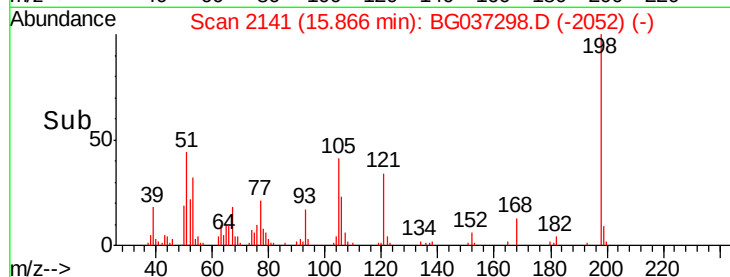
105 40.1 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG037298.D (-2052) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.093 ng

RT: 16.00 min Scan# 2164

Delta R.T. -0.01 min

Lab File: BG037298.D

Acq: 12 Oct 2018 19:38

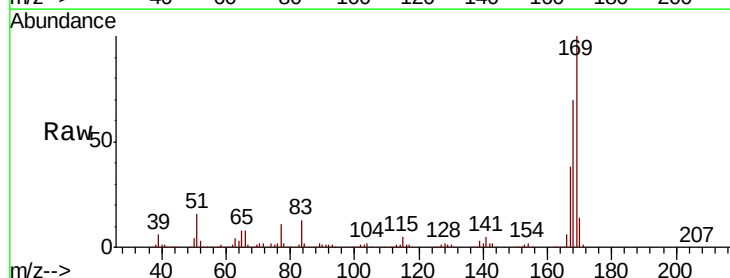
Tgt Ion:169 Resp: 474930

Ion Ratio Lower Upper

169 100

168 69.6 55.7 83.5

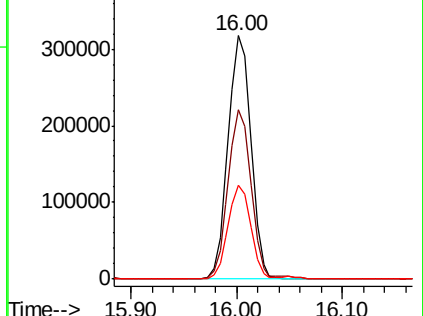
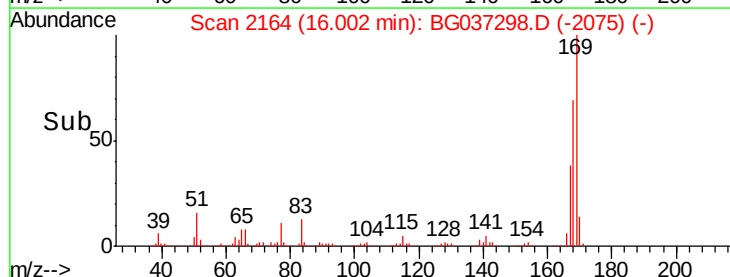
167 38.4 31.3 46.9

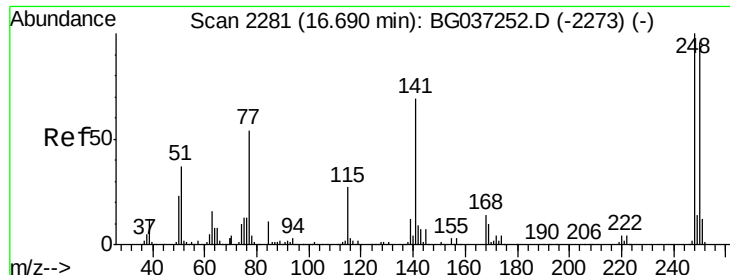


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

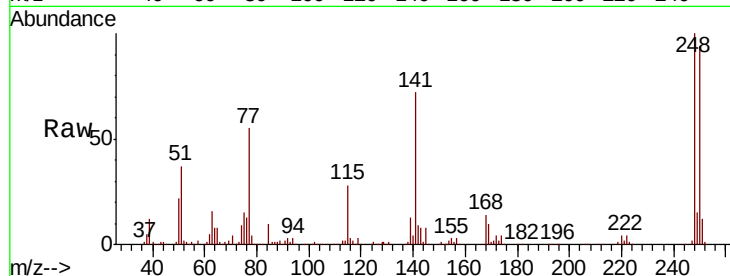




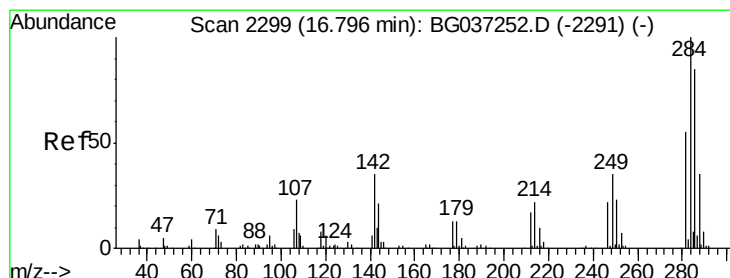
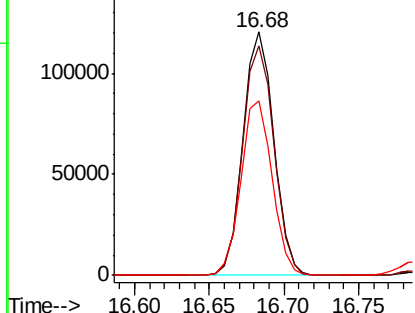
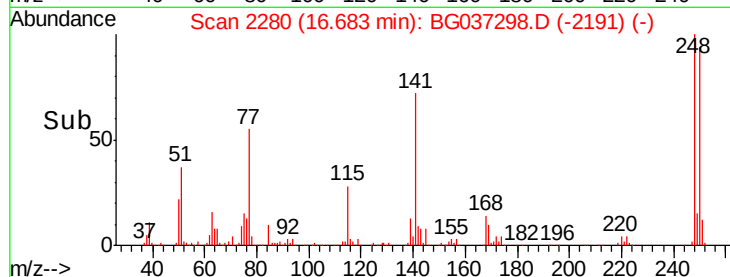
#67
 4-Bromophenyl-phenylether
 Concen: 37.531 ng
 RT: 16.68 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BG037298.D
 Acq: 12 Oct 2018 19:38

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-DRUMMS

Tgt Ion:248 Resp: 171962
 Ion Ratio Lower Upper
 248 100
 250 94.4 77.0 115.6
 141 71.6 55.5 83.3

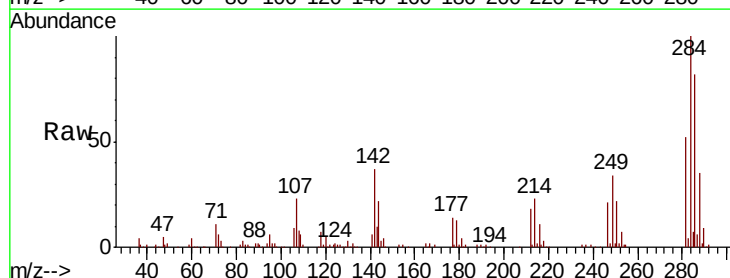


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

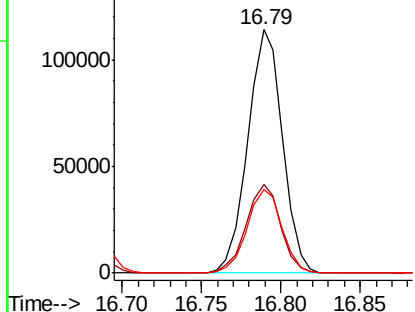
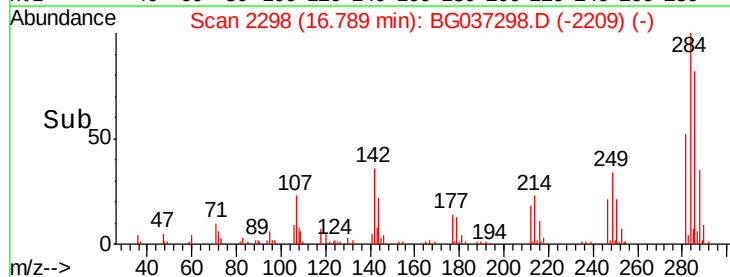


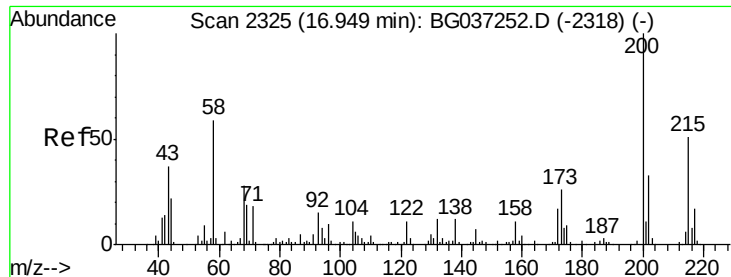
#68
 Hexachlorobenzene
 Concen: 36.537 ng
 RT: 16.79 min Scan# 2298
 Delta R.T. -0.01 min
 Lab File: BG037298.D
 Acq: 12 Oct 2018 19:38

Tgt Ion:284 Resp: 173571
 Ion Ratio Lower Upper
 284 100
 142 36.6 28.1 42.1
 249 36.5 29.8 44.8



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





#69

Atrazine

Concen: 36.204 ng

RT: 16.95 min Scan# 2325

Delta R.T. -0.00 min

Lab File: BG037298.D

Acq: 12 Oct 2018 19:38

Instrument :

BNA_G

ClientSampleId :

SOIL-DRUMMS

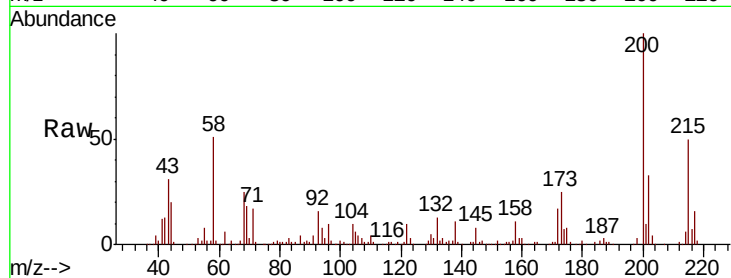
Tgt Ion:200 Resp: 167761

Ion Ratio Lower Upper

200 100

173 25.3 6.1 46.1

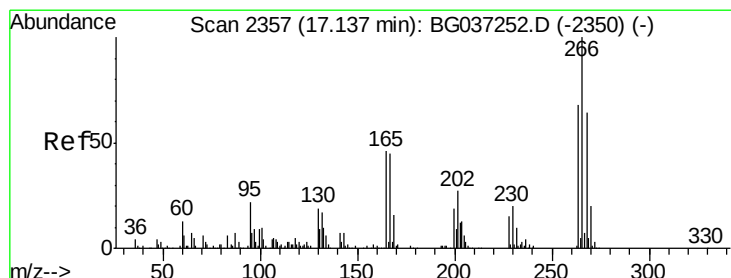
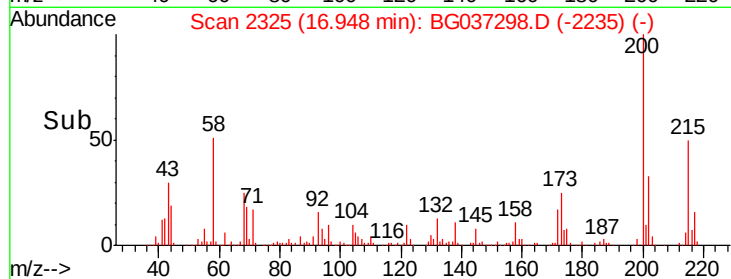
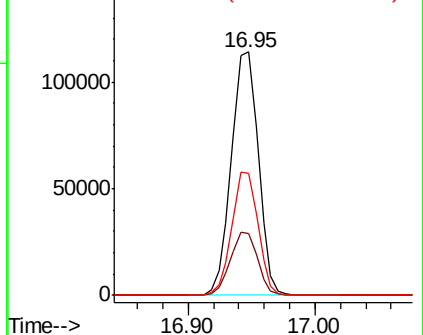
215 50.2 30.8 70.8



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



#70

Pentachlorophenol

Concen: 63.848 ng

RT: 17.14 min Scan# 2357

Delta R.T. -0.00 min

Lab File: BG037298.D

Acq: 12 Oct 2018 19:38

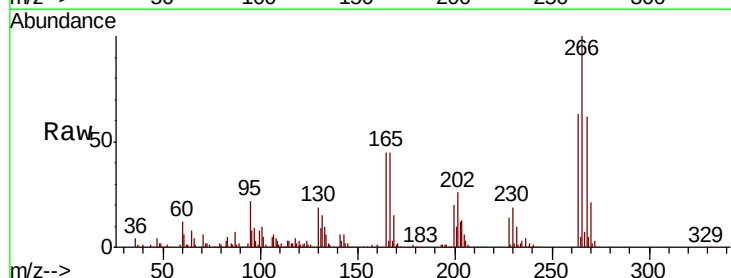
Tgt Ion:266 Resp: 195692

Ion Ratio Lower Upper

266 100

268 66.5 55.0 82.6

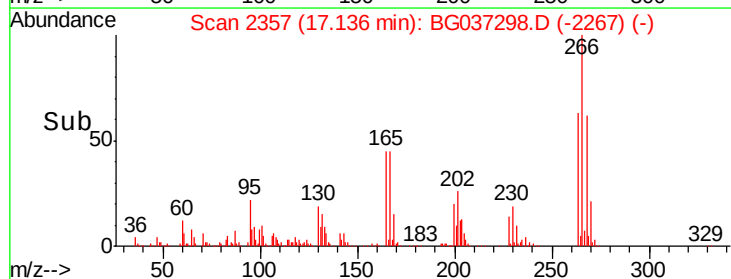
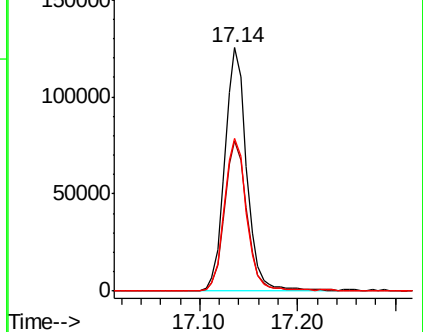
264 68.3 58.9 88.3

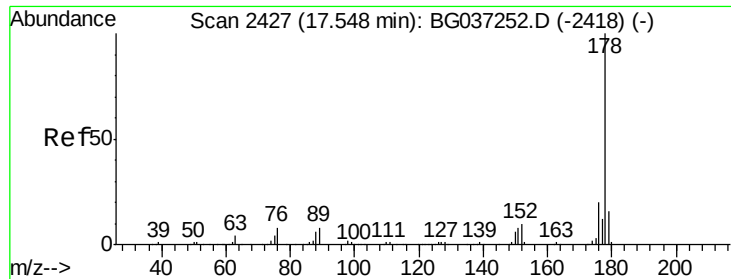


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

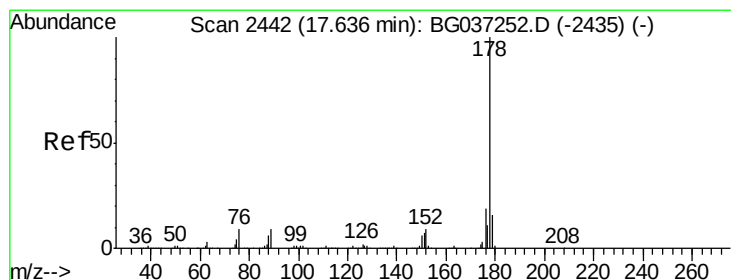
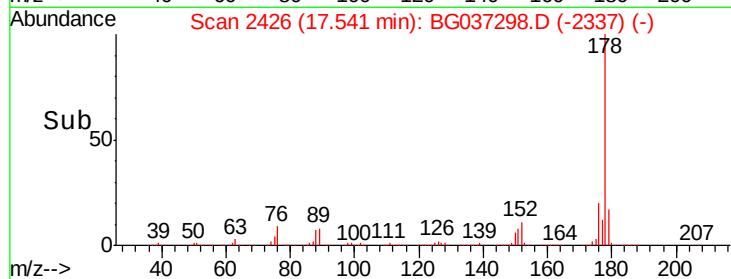
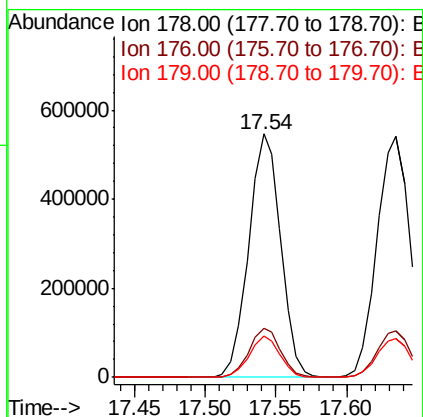
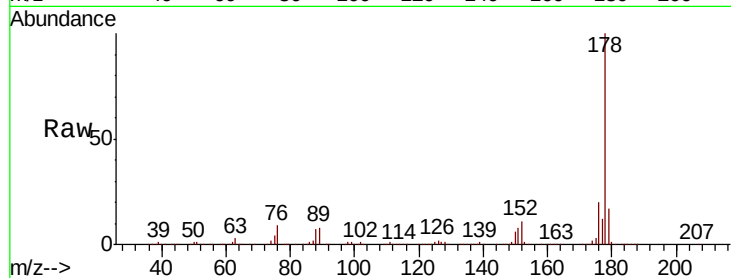




#71
Phenanthrene
Concen: 40.213 ng
RT: 17.54 min Scan# 2426
Delta R.T. -0.01 min
Lab File: BG037298.D
Acq: 12 Oct 2018 19:38

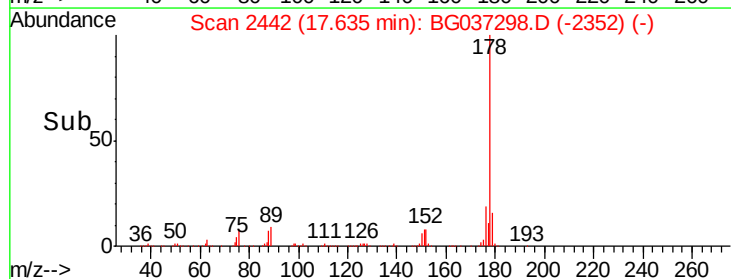
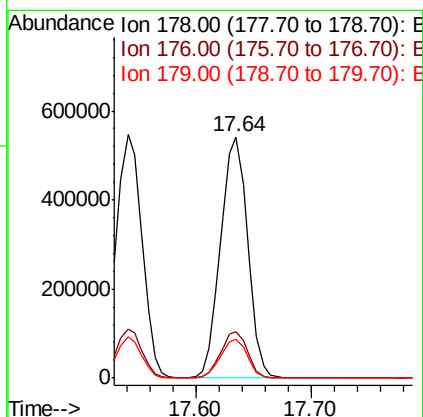
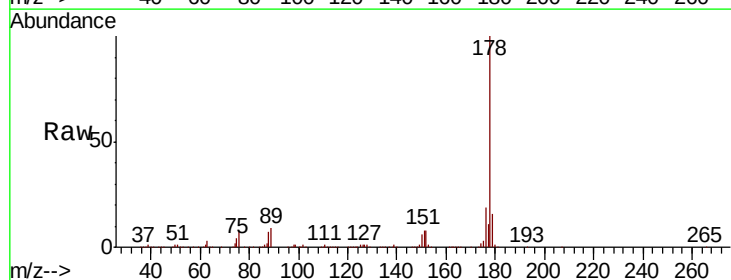
Instrument :
BNA_G
ClientSampleId :
SOIL-DRUMMS

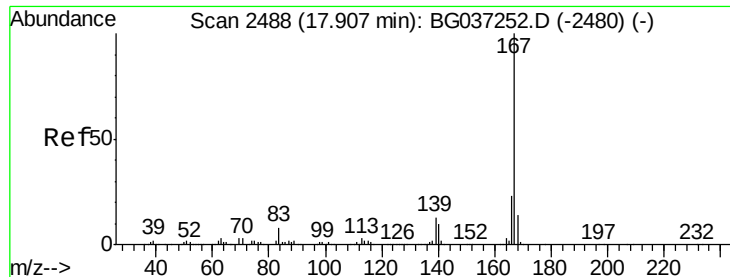
Tgt Ion:178 Resp: 869048
Ion Ratio Lower Upper
178 100
176 20.3 16.1 24.1
179 16.9 13.0 19.4



#72
Anthracene
Concen: 41.637 ng
RT: 17.64 min Scan# 2442
Delta R.T. -0.00 min
Lab File: BG037298.D
Acq: 12 Oct 2018 19:38

Tgt Ion:178 Resp: 880731
Ion Ratio Lower Upper
178 100
176 19.4 15.0 22.4
179 16.2 12.8 19.2

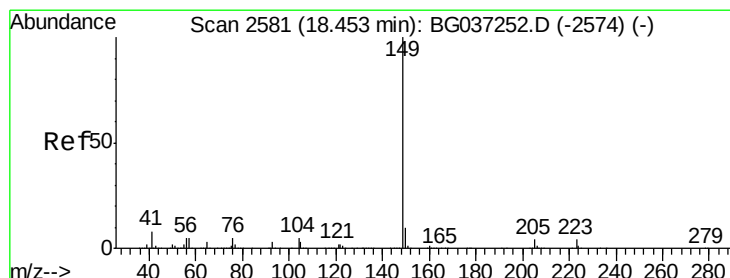
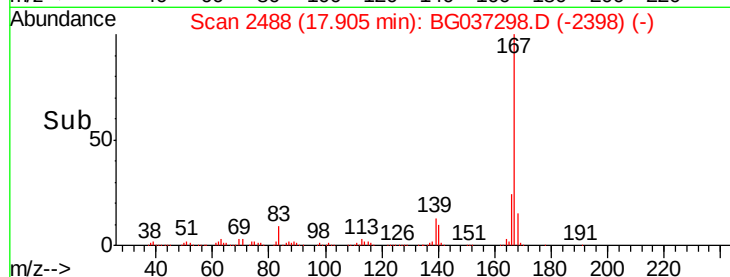
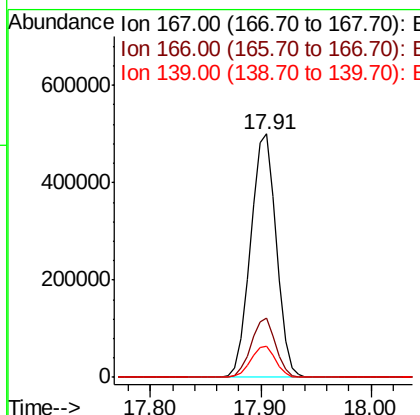
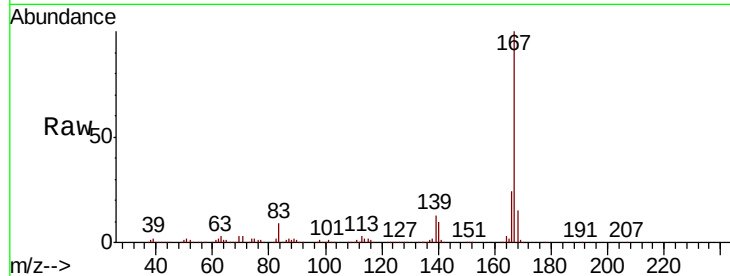




#73
 Carbazole
 Concen: 37.481 ng
 RT: 17.91 min Scan# 2488
 Delta R.T. -0.00 min
 Lab File: BG037298.D
 Acq: 12 Oct 2018 19:38

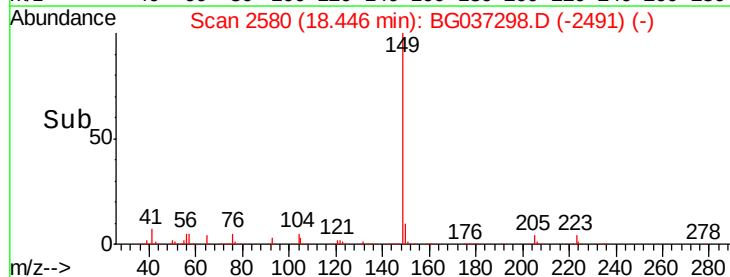
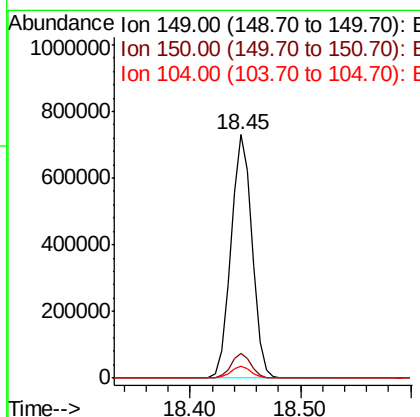
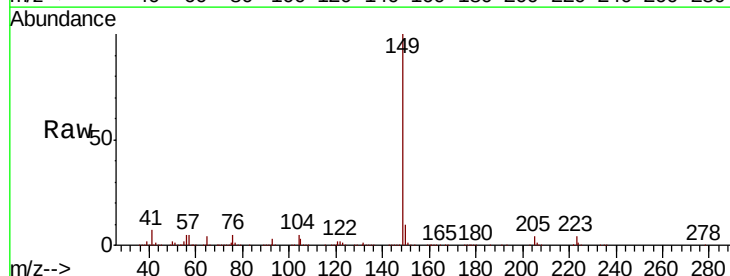
Instrument :
 BNA_G
 ClientSampleId :
 SOIL-DRUMMS

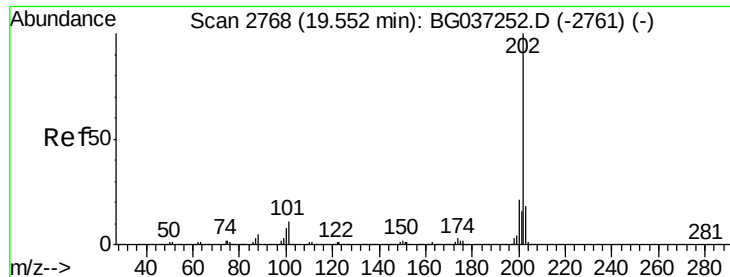
Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.1	18.3	27.5
139	13.1	10.5	15.7



#74
 Di-n-butylphthalate
 Concen: 41.841 ng
 RT: 18.45 min Scan# 2580
 Delta R.T. -0.01 min
 Lab File: BG037298.D
 Acq: 12 Oct 2018 19:38

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	8.2	12.2
104	5.1	4.0	6.0





#75

Fluoranthene

Concen: 40.692 ng

RT: 19.54 min Scan# 2767

Delta R.T. -0.01 min

Lab File: BG037298.D

Acq: 12 Oct 2018 19:38

Instrument :

BNA_G

ClientSampleId :

SOIL-DRUMMS

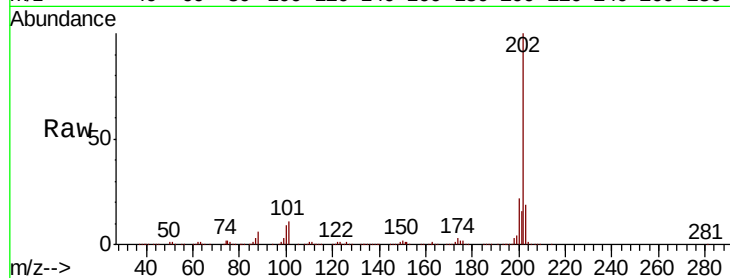
Tgt Ion:202 Resp: 1027817

Ion Ratio Lower Upper

202 100

101 11.3 0.0 30.7

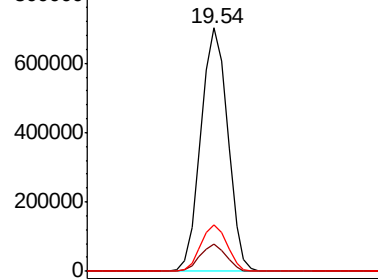
203 19.1 0.0 38.5



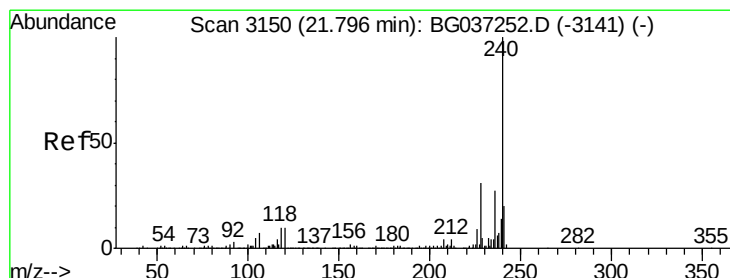
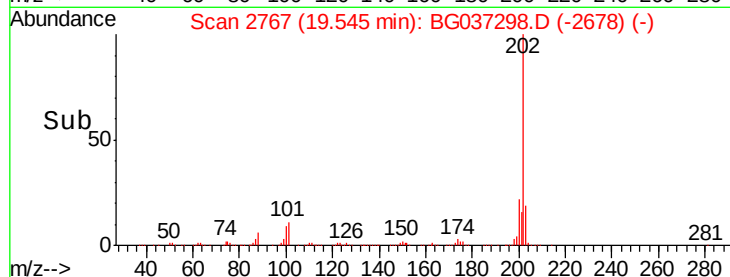
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.79 min Scan# 3149

Delta R.T. -0.01 min

Lab File: BG037298.D

Acq: 12 Oct 2018 19:38

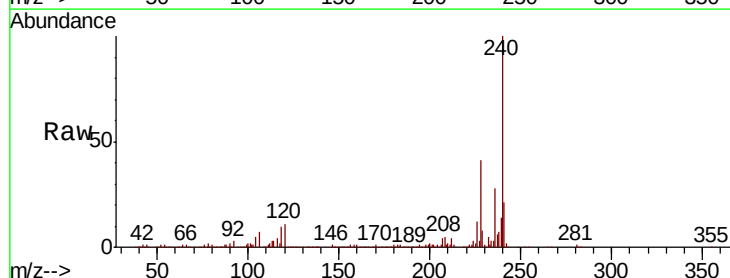
Tgt Ion:240 Resp: 393775

Ion Ratio Lower Upper

240 100

120 10.7 8.1 12.1

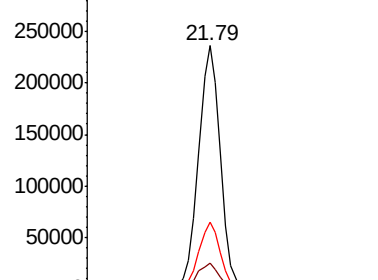
236 27.6 21.4 32.0



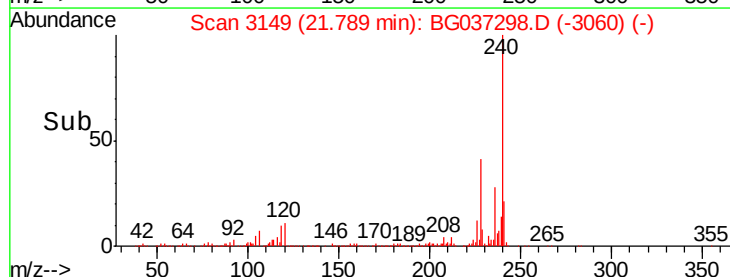
Abundance Ion 240.00 (239.70 to 240.70): E

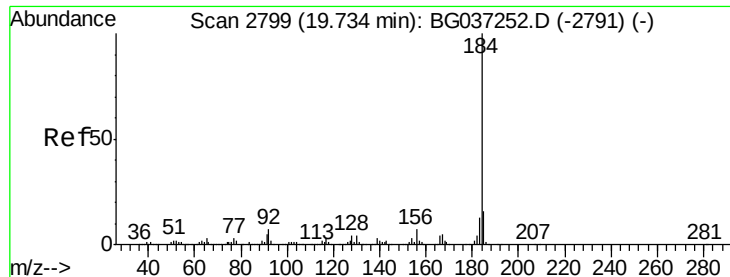
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#77

Benzidine

Concen: 4.747 ng

RT: 19.73 min Scan# 2799

Delta R.T. -0.00 min

Lab File: BG037298.D

Acq: 12 Oct 2018 19:38

Instrument :

BNA_G

ClientSampleId :

SOIL-DRUMMS

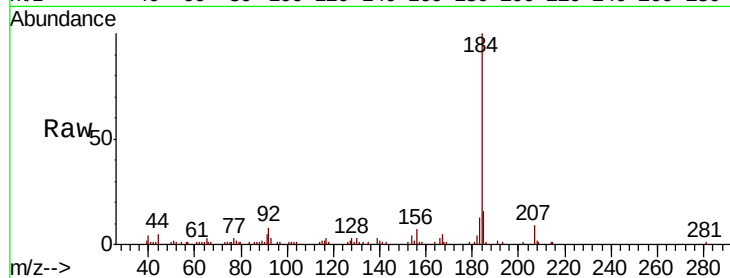
Tgt Ion:184 Resp: 71507

Ion Ratio Lower Upper

184 100

185 15.7 12.6 18.8

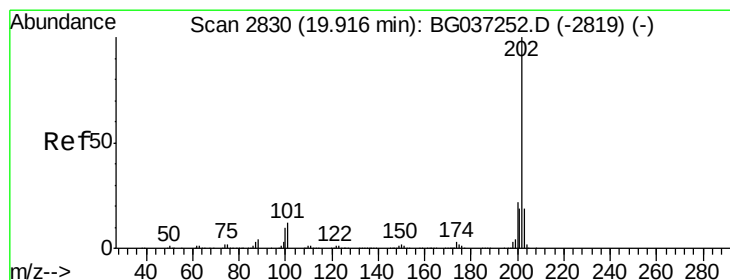
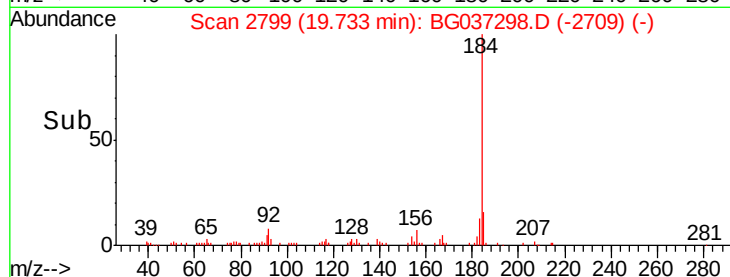
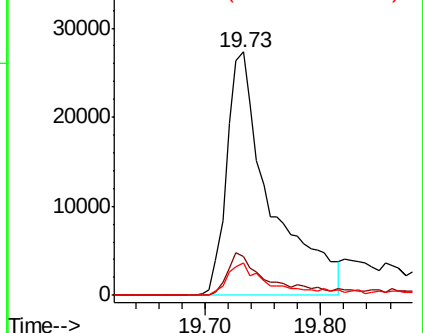
183 13.4 10.2 15.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.444 ng

RT: 19.91 min Scan# 2829

Delta R.T. -0.01 min

Lab File: BG037298.D

Acq: 12 Oct 2018 19:38

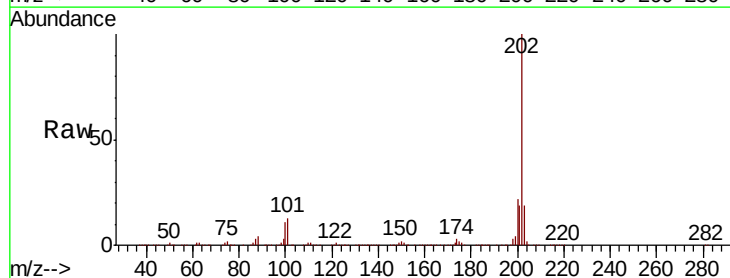
Tgt Ion:202 Resp: 1037957

Ion Ratio Lower Upper

202 100

200 22.1 17.8 26.6

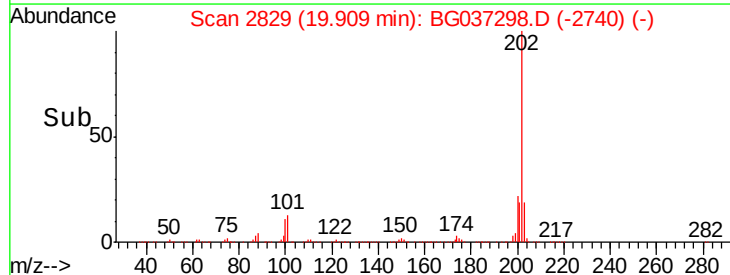
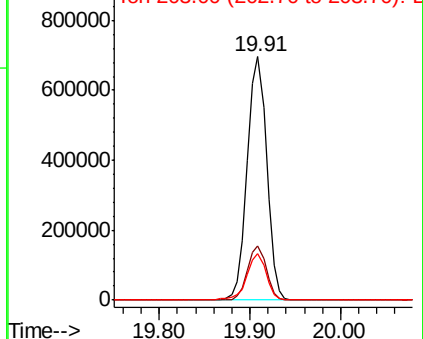
203 19.1 15.2 22.8

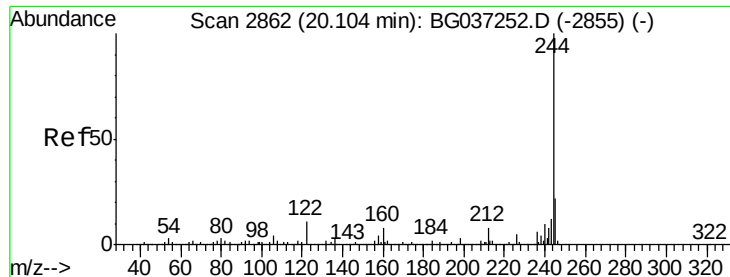


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 69.336 ng

RT: 20.10 min Scan# 2861

Delta R.T. -0.01 min

Lab File: BG037298.D

Acq: 12 Oct 2018 19:38

Instrument :

BNA_G

ClientSampleId :

SOIL-DRUMMS

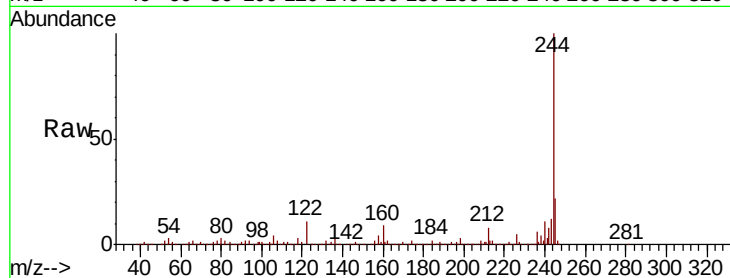
Tgt Ion:244 Resp: 1300296

Ion Ratio Lower Upper

244 100

212 8.5 6.5 9.7

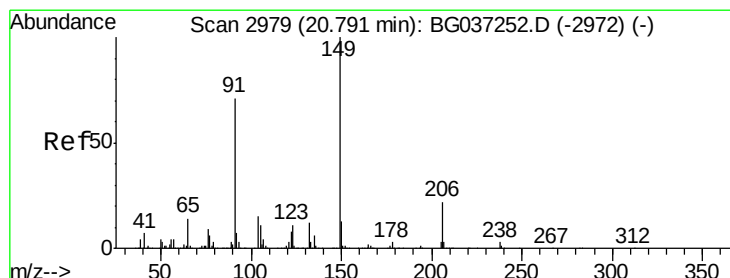
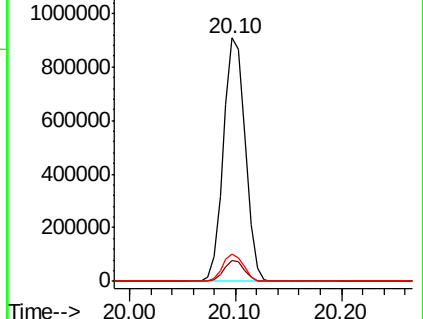
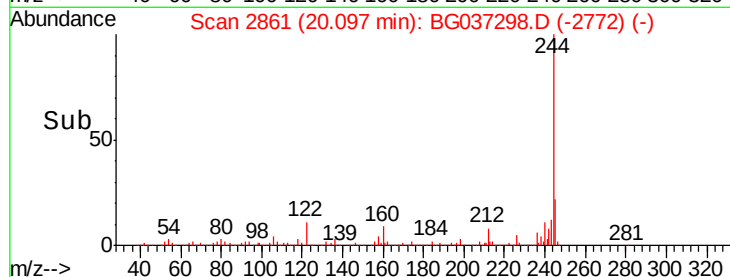
122 11.4 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.938 ng

RT: 20.78 min Scan# 2978

Delta R.T. -0.01 min

Lab File: BG037298.D

Acq: 12 Oct 2018 19:38

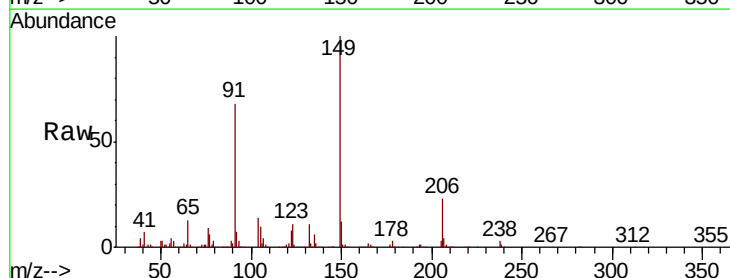
Tgt Ion:149 Resp: 438728

Ion Ratio Lower Upper

149 100

91 68.0 57.0 85.4

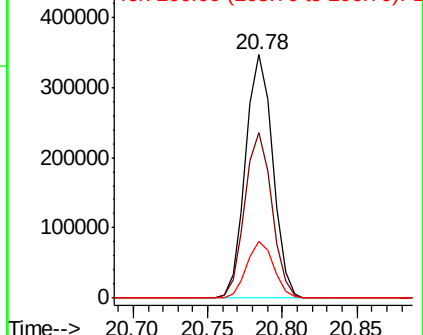
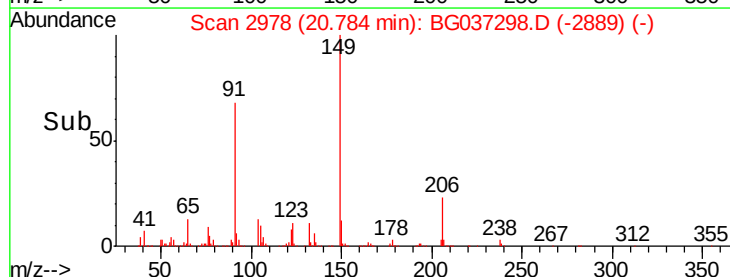
206 23.2 17.8 26.6

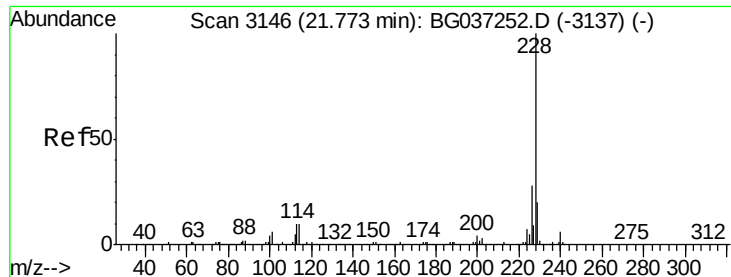


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.489 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG037298.D

Acq: 12 Oct 2018 19:38

Instrument :

BNA_G

ClientSampleId :

SOIL-DRUMMS

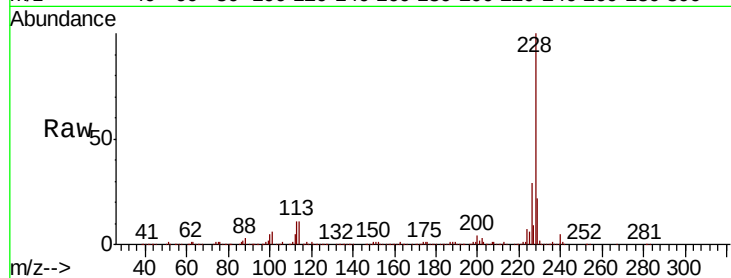
Tgt Ion:228 Resp: 978460

Ion Ratio Lower Upper

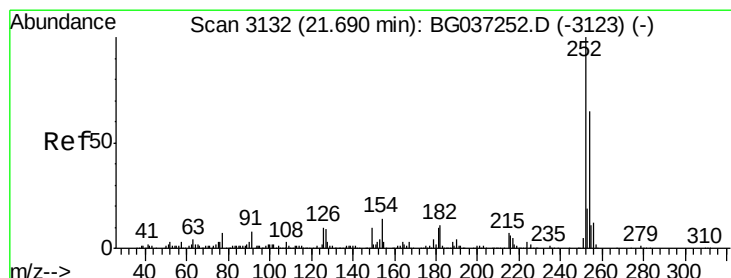
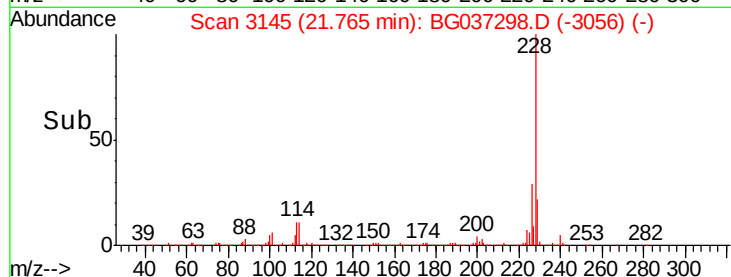
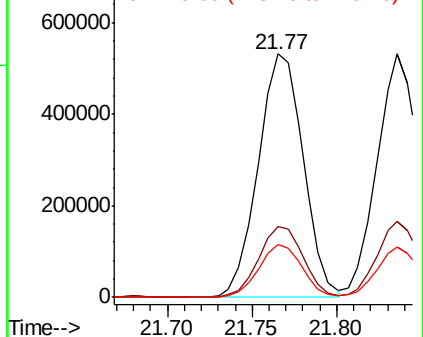
228 100

226 29.3 22.6 33.8

229 21.6 16.3 24.5



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



#82

3,3'-Dichlorobenzidine

Concen: 24.952 ng

RT: 21.68 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BG037298.D

Acq: 12 Oct 2018 19:38

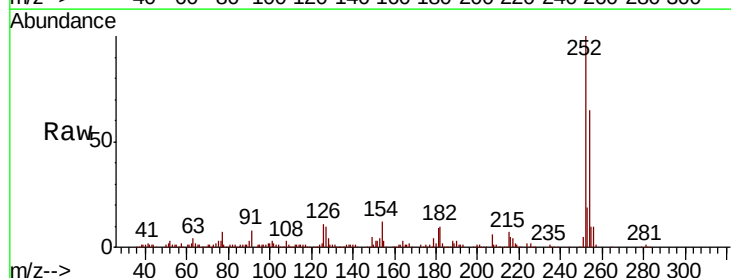
Tgt Ion:252 Resp: 226993

Ion Ratio Lower Upper

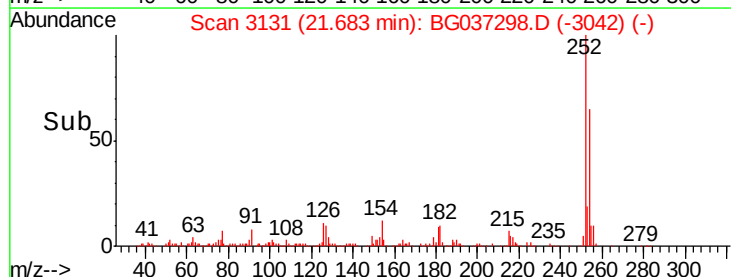
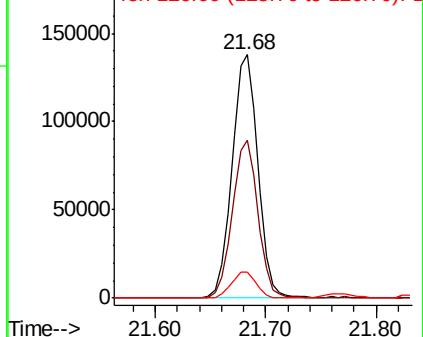
252 100

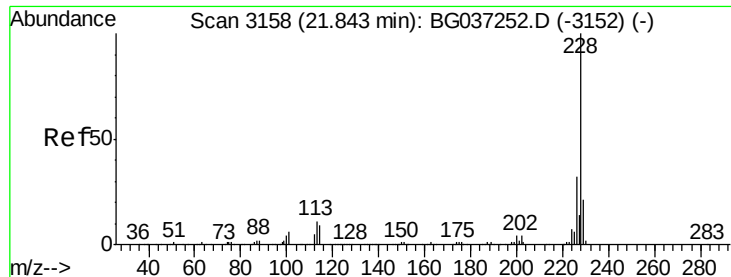
254 64.9 52.0 78.0

126 10.7 8.2 12.4



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





#83

Chrysene

Concen: 40.555 ng

RT: 21.84 min Scan# 3157

Delta R.T. -0.01 min

Lab File: BG037298.D

Acq: 12 Oct 2018 19:38

Instrument :

BNA_G

ClientSampleId :

SOIL-DRUMMS

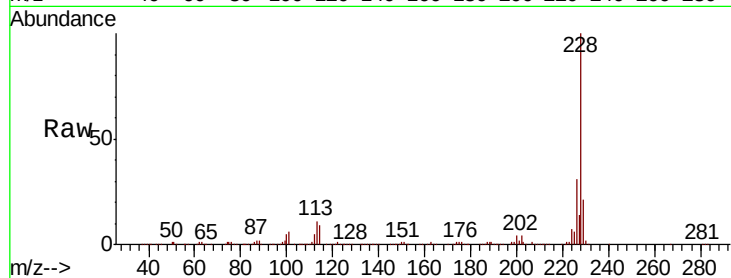
Tgt Ion:228 Resp: 912352

Ion Ratio Lower Upper

228 100

226 31.4 25.7 38.5

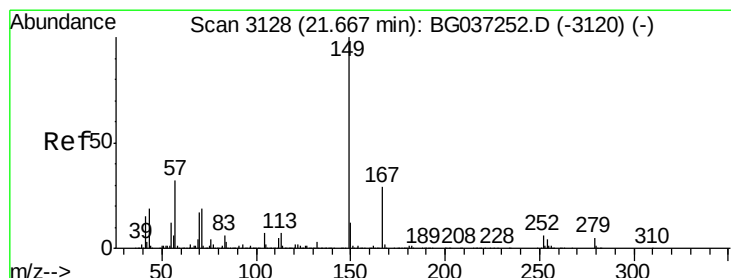
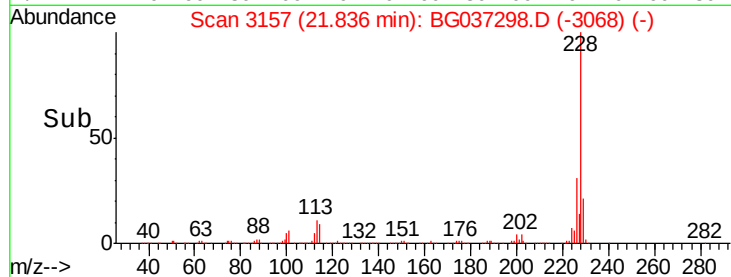
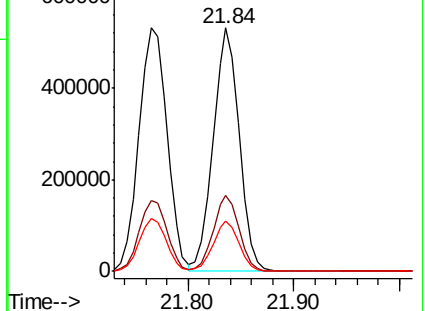
229 20.7 16.5 24.7



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.258 ng

RT: 21.65 min Scan# 3126

Delta R.T. -0.01 min

Lab File: BG037298.D

Acq: 12 Oct 2018 19:38

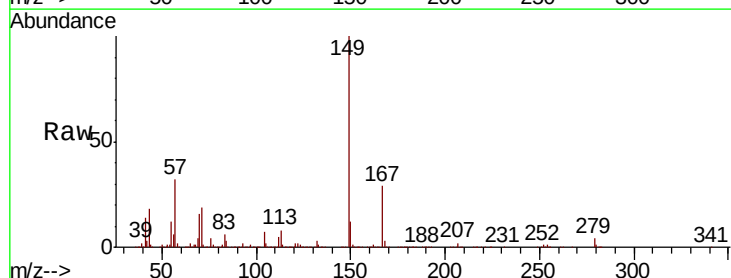
Tgt Ion:149 Resp: 620244

Ion Ratio Lower Upper

149 100

167 29.4 23.0 34.4

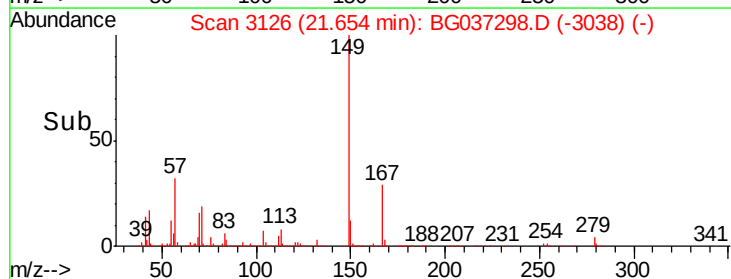
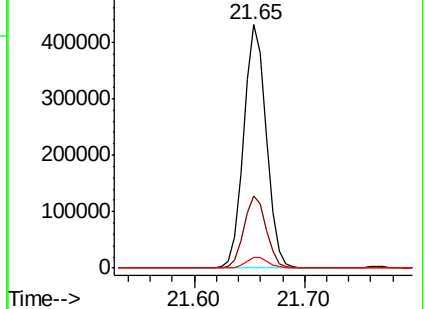
279 4.2 3.6 5.4

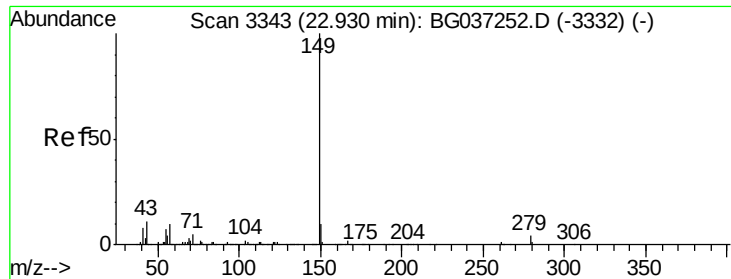


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 44.721 ng

RT: 22.91 min Scan# 3340

Delta R.T. -0.02 min

Lab File: BG037298.D

Acq: 12 Oct 2018 19:38

Instrument :

BNA_G

ClientSampleId :

SOIL-DRUMMS

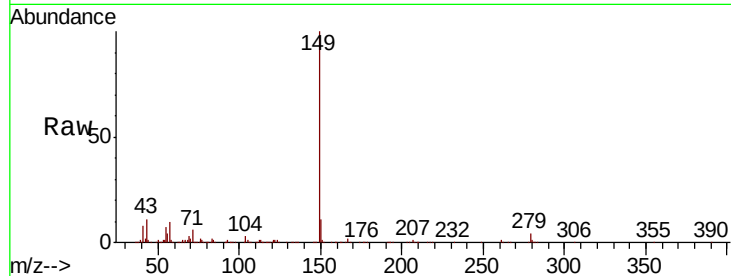
Tgt Ion:149 Resp: 1040741

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

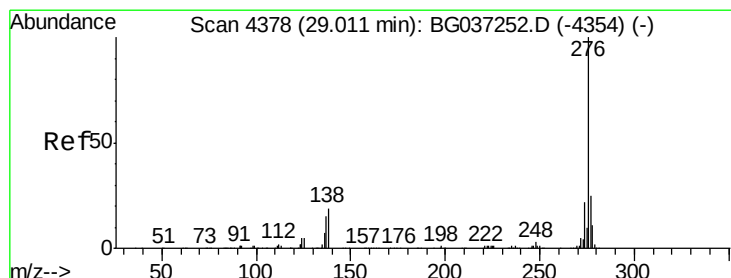
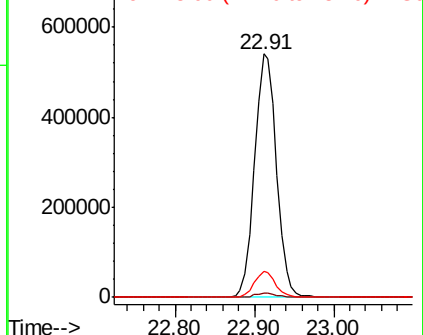
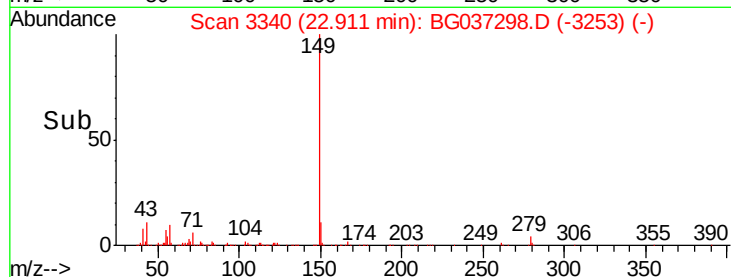
43 10.1 8.7 13.1



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



#86

Indeno(1,2,3-cd)pyrene

Concen: 43.970 ng

RT: 28.99 min Scan# 4374

Delta R.T. -0.02 min

Lab File: BG037298.D

Acq: 12 Oct 2018 19:38

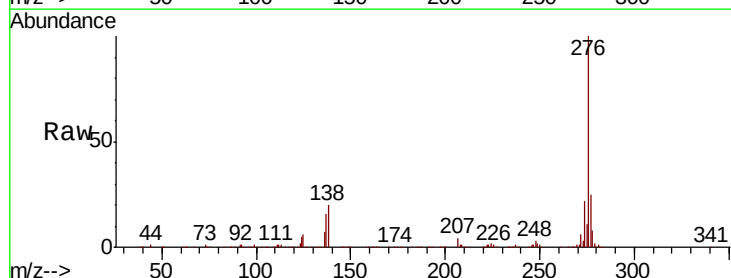
Tgt Ion:276 Resp: 1096421

Ion Ratio Lower Upper

276 100

138 18.0 12.0 18.0#

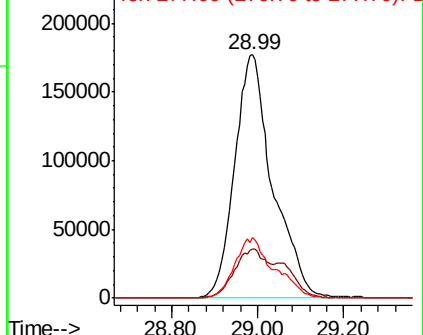
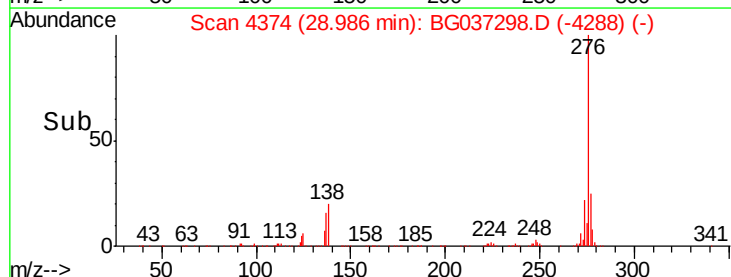
277 25.6 20.6 30.8

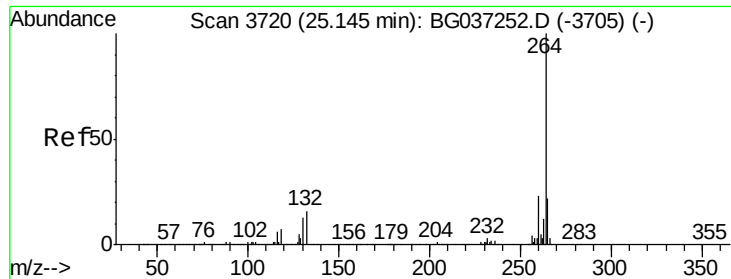


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



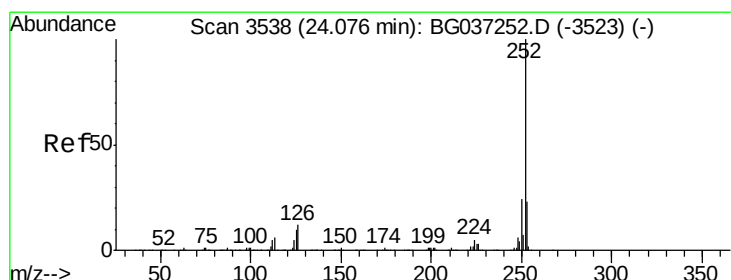
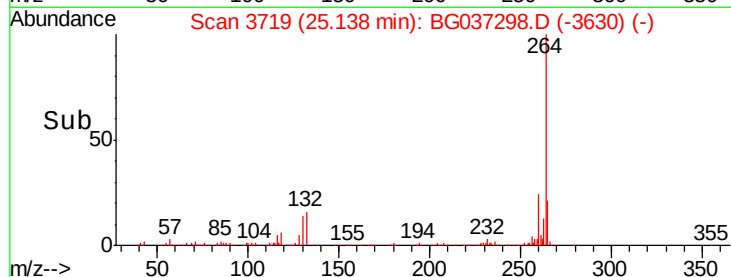
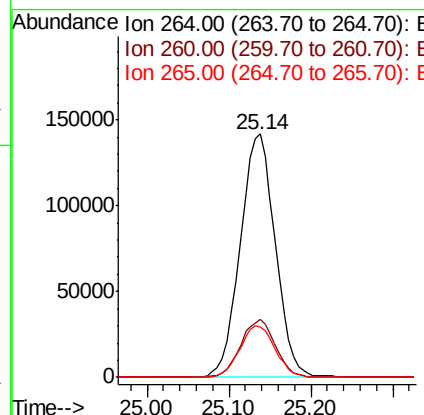
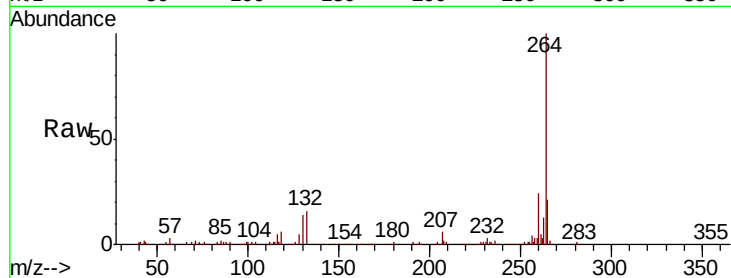


#87
Perylene-d12
Concen: 20.000 ng
RT: 25.14 min Scan# 3719
Delta R.T. -0.01 min
Lab File: BG037298.D
Acq: 12 Oct 2018 19:38

Instrument :
BNA_G
ClientSampleId :
SOIL-DRUMMS

Tgt Ion:264 Resp: 421956

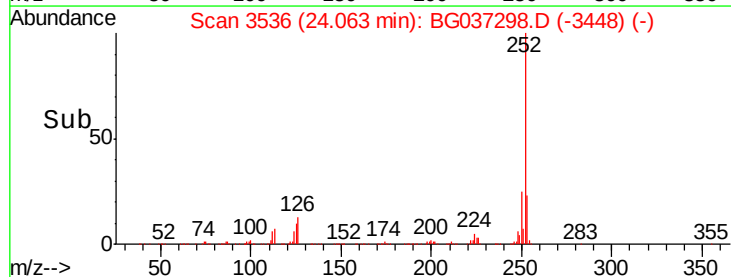
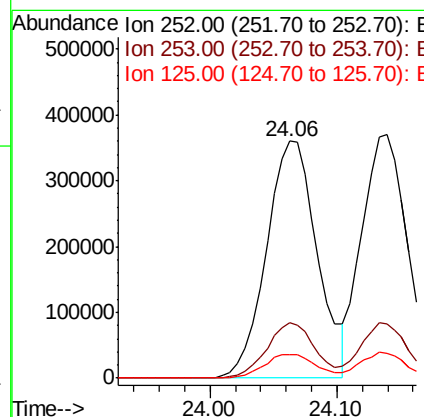
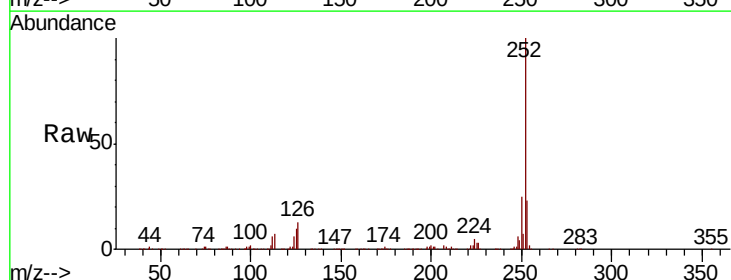
Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.2	27.4
265	20.9	17.9	26.9

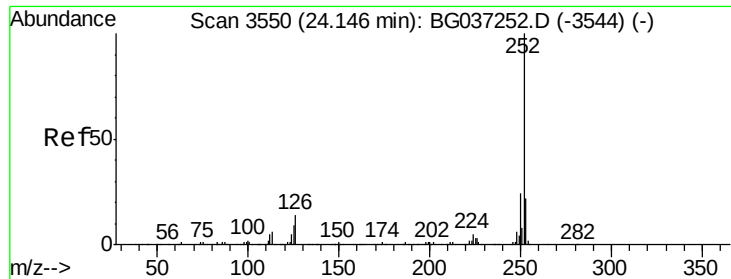


#88
Benzo(b)fluoranthene
Concen: 43.689 ng
RT: 24.06 min Scan# 3536
Delta R.T. -0.01 min
Lab File: BG037298.D
Acq: 12 Oct 2018 19:38

Tgt Ion:252 Resp: 1002262

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.2
125	10.0	7.8	11.6





#89

Benzo(k)fluoranthene

Concen: 40.646 ng

RT: 24.14 min Scan# 3549

Delta R.T. -0.01 min

Lab File: BG037298.D

Acq: 12 Oct 2018 19:38

Instrument :

BNA_G

ClientSampleId :

SOIL-DRUMMS

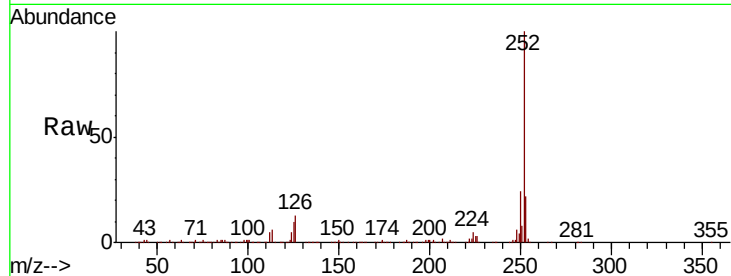
Tgt Ion:252 Resp: 920111

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.2

125 10.1 7.4 11.0

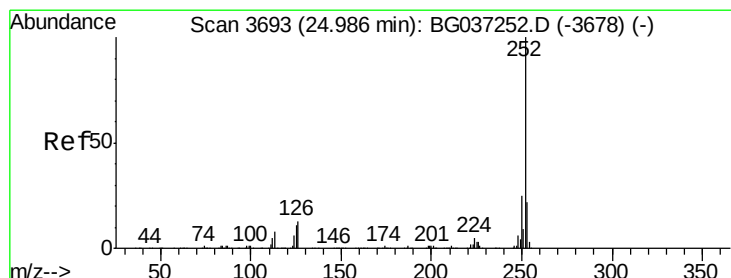
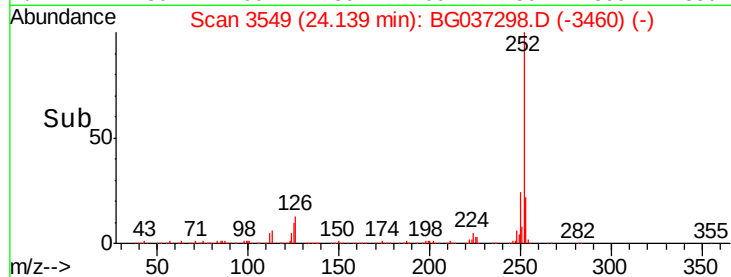
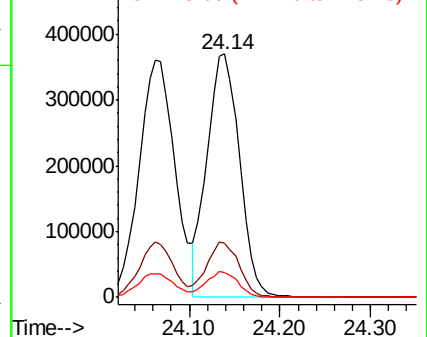


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 42.943 ng

RT: 24.98 min Scan# 3692

Delta R.T. -0.01 min

Lab File: BG037298.D

Acq: 12 Oct 2018 19:38

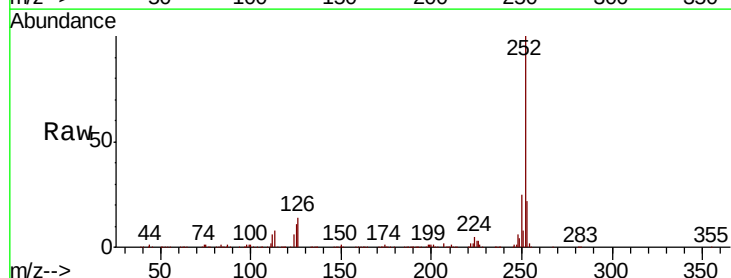
Tgt Ion:252 Resp: 944652

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.2

125 11.0 9.0 13.6

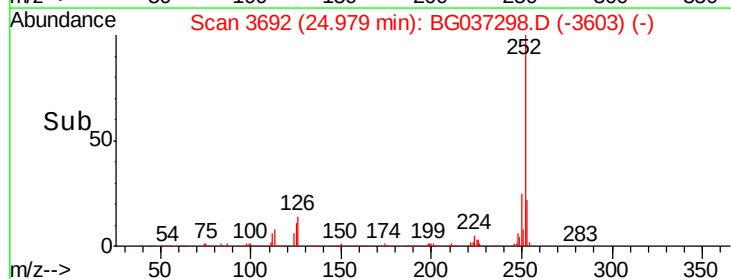
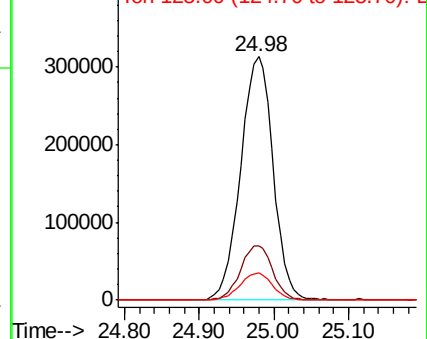


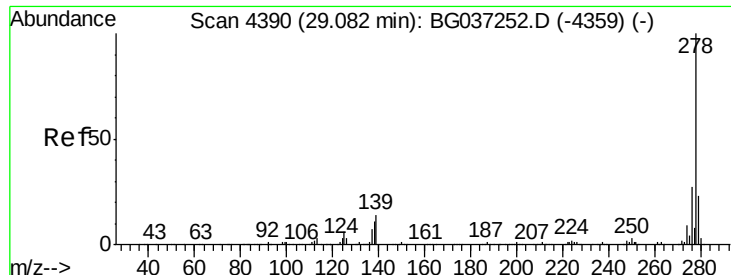
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 42.869 ng

RT: 29.06 min Scan# 4387

Delta R.T. -0.02 min

Lab File: BG037298.D

Acq: 12 Oct 2018 19:38

Instrument :

BNA_G

ClientSampleId :

SOIL-DRUMMS

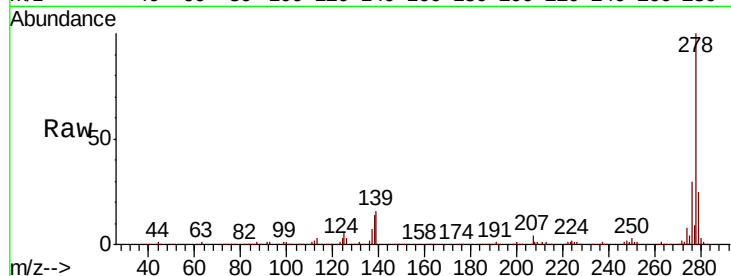
Tgt Ion:278 Resp: 902310

Ion Ratio Lower Upper

278 100

139 15.9 11.5 17.3

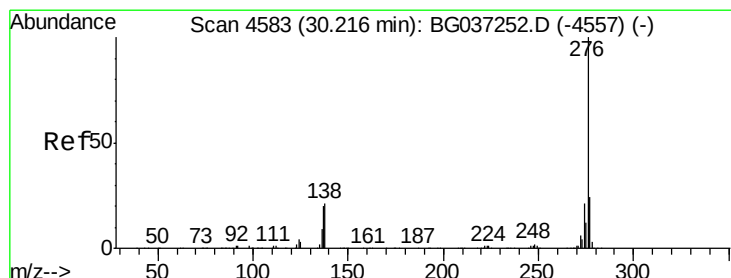
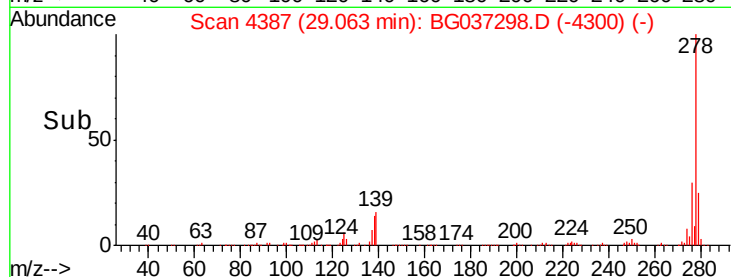
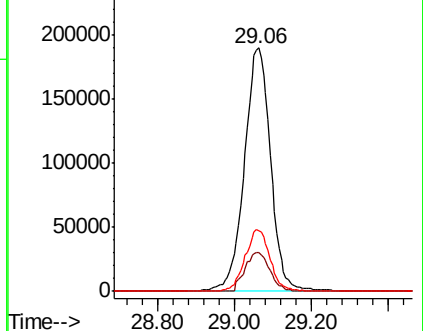
279 24.6 18.6 27.8



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



#92

Benzo(g,h,i)perylene

Concen: 43.317 ng

RT: 30.20 min Scan# 4580

Delta R.T. -0.02 min

Lab File: BG037298.D

Acq: 12 Oct 2018 19:38

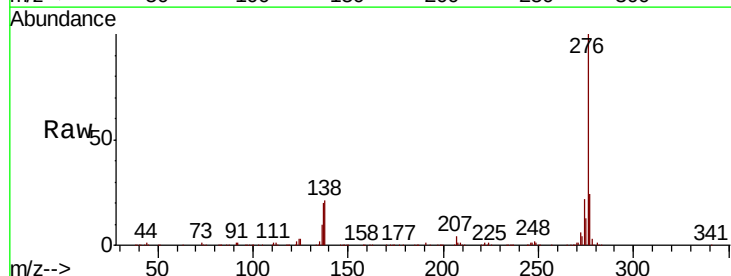
Tgt Ion:276 Resp: 910601

Ion Ratio Lower Upper

276 100

277 23.6 18.9 28.3

138 20.6 17.2 25.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

