

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101218\
 Data File : BG037299.D
 Acq On : 12 Oct 2018 20:17
 Operator : JU/SJ
 Sample : J5392-02MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-DRUMMSD

Quant Time: Oct 13 00:16:37 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	63497	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	280433	20.00	ng	0.00
39) Acenaphthene-d10	14.75	164	189756	20.00	ng	0.00
64) Phenanthrene-d10	17.50	188	460472	20.00	ng	0.00
76) Chrysene-d12	21.79	240	414011	20.00	ng	0.00
87) Perylene-d12	25.13	264	441876	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	443223	122.85	ng	0.00
7) Phenol-d6	7.26	99	593330	108.34	ng	0.00
23) Nitrobenzene-d5	9.30	82	396552	92.97	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	258118	138.70	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	956142	75.67	ng	0.00
79) Terphenyl-d14	20.10	244	1471628	74.64	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.55	88	53910	26.604	ng	# 88
3) Pyridine	3.95	79	156736	32.578	ng	94
4) n-Nitrosodimethylamine	3.86	42	76659	41.030	ng	# 92
6) Aniline	7.44	93	163713	22.837	ng	98
8) 2-Chlorophenol	7.68	128	188927	44.741	ng	99
9) Benzaldehyde	7.26	77	88687	23.522	ng	100
10) Phenol	7.29	94	221704	38.439	ng	98
11) bis(2-Chloroethyl)ether	7.54	93	182288	38.686	ng	96
12) 1,3-Dichlorobenzene	8.01	146	184716	37.210	ng	94
13) 1,4-Dichlorobenzene	8.15	146	193862	38.573	ng	98
14) 1,2-Dichlorobenzene	8.48	146	183017	37.580	ng	97
15) Benzyl Alcohol	8.36	79	185656	43.341	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.64	45	339919	36.491	ng	97
17) 2-Methylphenol	8.55	107	172203	44.580	ng	99
18) Hexachloroethane	9.20	117	68058	39.675	ng	95
19) n-Nitroso-di-n-propylamine	8.93	70	159431	38.453	ng	97
20) 3+4-Methylphenols	8.88	107	240055	44.445	ng	99
22) Acetophenone	8.95	105	302168	42.745	ng	# 97
24) Nitrobenzene	9.34	77	216087	47.298	ng	97
25) Isophorone	9.86	82	468510	48.114	ng	97
26) 2-Nitrophenol	10.05	139	87718	50.765	ng	98
27) 2,4-Dimethylphenol	10.09	122	212821	52.289	ng	95
28) bis(2-Chloroethoxy)methane	10.34	93	269707	44.271	ng	99
29) 2,4-Dichlorophenol	10.58	162	211285	51.140	ng	99
30) 1,2,4-Trichlorobenzene	10.80	180	200079	39.797	ng	94
31) Naphthalene	11.00	128	622076	45.644	ng	99
32) Benzoic acid	10.21	122	105746	47.053	ng	97
33) 4-Chloroaniline	11.10	127	24239	3.791	ng	95
34) Hexachlorobutadiene	11.26	225	120402	38.565	ng	99
35) Caprolactam	11.88	113	36168	21.473	ng	96
36) 4-Chloro-3-methylphenol	12.20	107	238479	48.875	ng	99
37) 2-Methylnaphthalene	12.59	142	465677	46.820	ng	99
38) 1-Methylnaphthalene	12.81	142	447346	46.051	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	240662	39.163	ng	99

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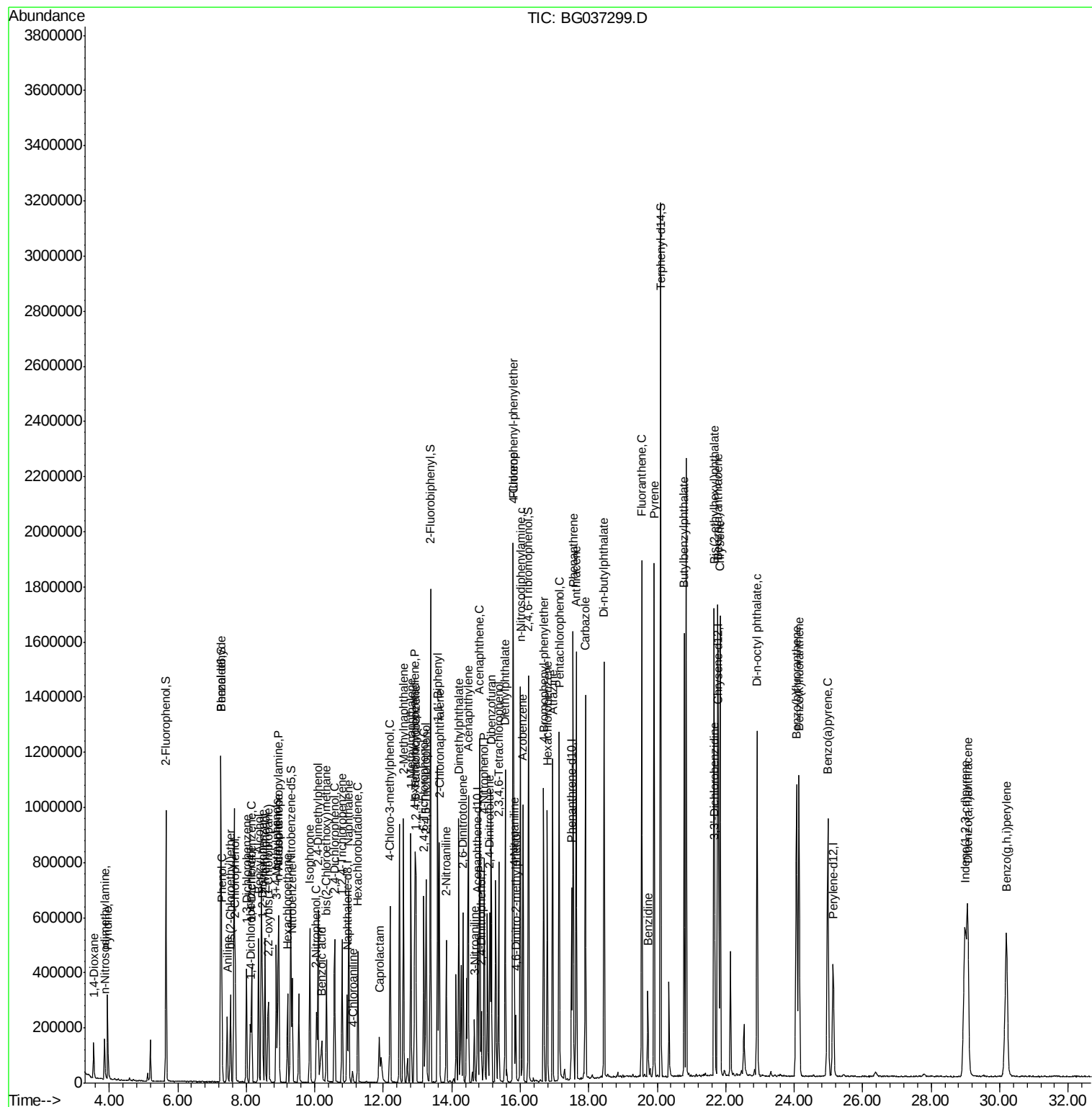
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.92	237	226286	89.324	ng	98
43) 2,4,6-Trichlorophenol	13.18	196	178558	50.089	ng	98
44) 2,4,5-Trichlorophenol	13.25	196	198346	51.712	ng	99
46) 1,1'-Biphenyl	13.59	154	614164	39.345	ng	99
47) 2-Chloronaphthalene	13.63	162	481550	40.841	ng	99
48) 2-Nitroaniline	13.84	65	155641	48.633	ng	97
49) Acenaphthylene	14.48	152	797945	44.240	ng	98
50) Dimethylphthalate	14.20	163	662941	44.456	ng	100
51) 2,6-Dinitrotoluene	14.33	165	137322	47.467	ng	98
52) Acenaphthene	14.82	154	478778	42.974	ng	99
53) 3-Nitroaniline	14.66	138	59694	19.132	ng	95
54) 2,4-Dinitrophenol	14.86	184	60783	81.457	ng	99
55) Dibenzofuran	15.15	168	751586	41.575	ng	96
56) 4-Nitrophenol	14.95	139	221345	91.011	ng	98
57) 2,4-Dinitrotoluene	15.11	165	192817	52.084	ng	99
58) Fluorene	15.80	166	623538	45.606	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.37	232	173147	50.988	ng	98
60) Diethylphthalate	15.56	149	685829	44.378	ng	99
61) 4-Chlorophenyl-phenylether	15.79	204	324764	40.637	ng	99
62) 4-Nitroaniline	15.83	138	152238	46.487	ng	98
63) Azobenzene	16.08	77	625894	42.241	ng	100
65) 4,6-Dinitro-2-methylphenol	15.87	198	56783	40.463	ng	98
66) n-Nitrosodiphenylamine	16.00	169	572263	42.319	ng	99
67) 4-Bromophenyl-phenylether	16.68	248	210867	42.431	ng	99
68) Hexachlorobenzene	16.79	284	212690	41.278	ng	98
69) Atrazine	16.95	200	227441	45.253	ng	99
70) Pentachlorophenol	17.14	266	238265	71.672	ng	96
71) Phenanthrene	17.54	178	1030328	43.956	ng	98
72) Anthracene	17.64	178	1040160	45.337	ng	96
73) Carbazole	17.91	167	964218	40.789	ng	99
74) Di-n-butylphthalate	18.45	149	1143529	45.134	ng	99
75) Fluoranthene	19.55	202	1190732	43.464	ng	98
77) Benzidine	19.73	184	195380	12.336	ng	99
78) Pyrene	19.91	202	1187899	44.024	ng	98
80) Butylbenzylphthalate	20.79	149	506342	48.231	ng	97
81) Benzo(a)anthracene	21.77	228	1130208	45.581	ng	97
82) 3,3'-Dichlorobenzidine	21.68	252	187901	19.645	ng	99
83) Chrysene	21.84	228	1048333	44.322	ng	99
84) Bis(2-ethylhexyl)phthalate	21.65	149	721646	47.871	ng	97
85) Di-n-octyl phthalate	22.91	149	1220466	49.880	ng	99
86) Indeno(1,2,3-cd)pyrene	28.98	276	1285802	49.045	ng	98
88) Benzo(b)fluoranthene	24.07	252	1165539	48.516	ng	99
89) Benzo(k)fluoranthene	24.14	252	1064451	44.903	ng	97
90) Benzo(a)pyrene	24.98	252	1099374	47.723	ng	98
91) Dibenzo(a,h)anthracene	29.07	278	1051183	47.690	ng	97
92) Benzo(g,h,i)perylene	30.20	276	1061180	48.204	ng	99

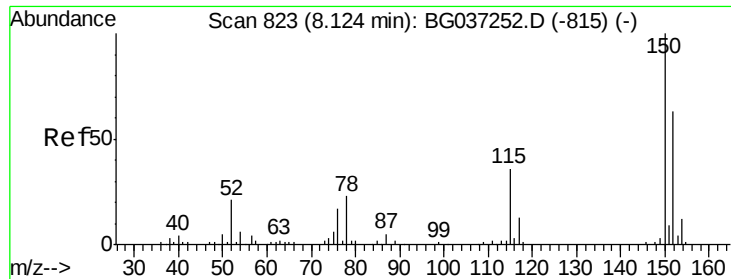
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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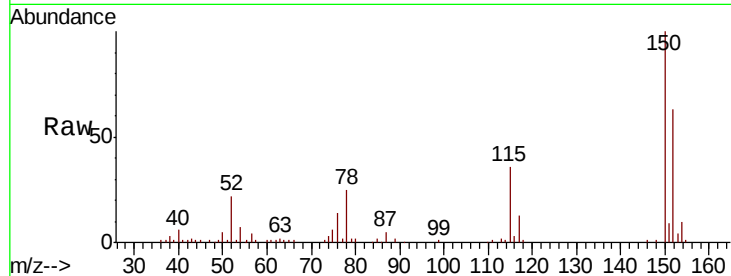


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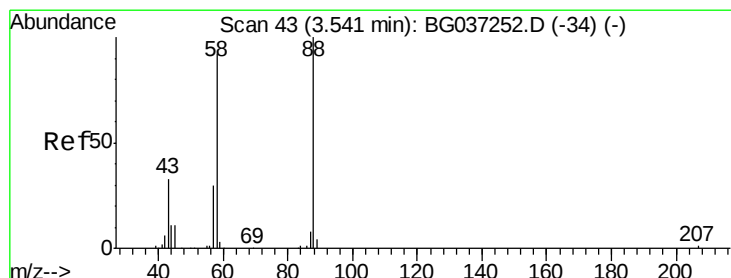
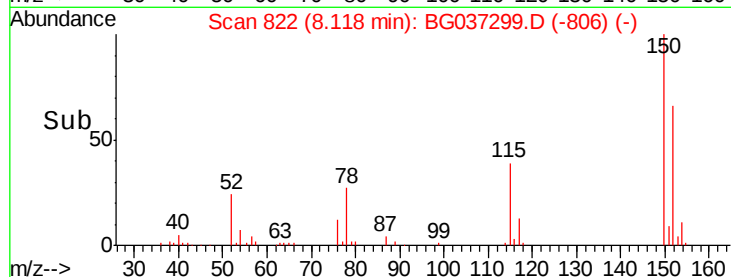
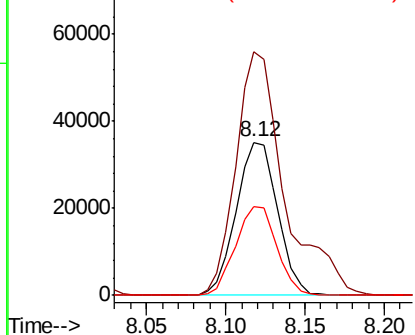
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG037299.D
Acq: 12 Oct 2018 20:17

Instrument :
BNA_G
ClientSampleId :
SOIL-DRUMMSD

Tgt Ion: 152 Resp: 63497
Ion Ratio Lower Upper
152 100
150 159.4 126.0 189.0
115 58.0 45.5 68.3



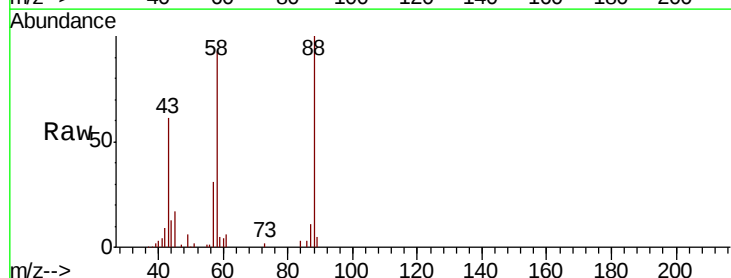
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



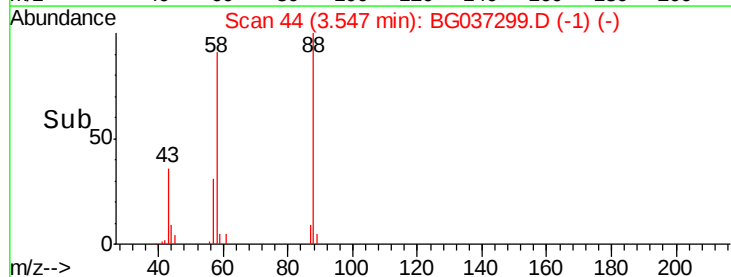
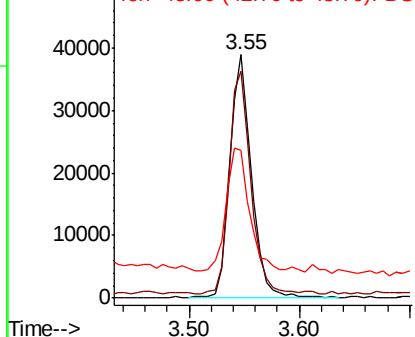
#2

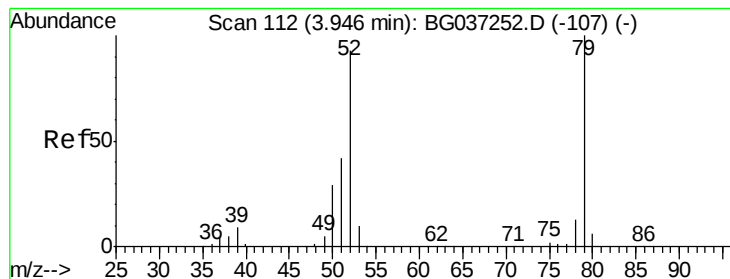
1,4-Dioxane
Concen: 26.604 ng
RT: 3.55 min Scan# 44
Delta R.T. 0.01 min
Lab File: BG037299.D
Acq: 12 Oct 2018 20:17

Tgt Ion: 88 Resp: 53910
Ion Ratio Lower Upper
88 100
58 90.2 74.4 111.6
43 54.6 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: 32.578 ng

RT: 3.95 min Scan# 113

Delta R.T. 0.01 min

Lab File: BG037299.D

Acq: 12 Oct 2018 20:17

Instrument :

BNA_G

ClientSampleId :

SOIL-DRUMMSD

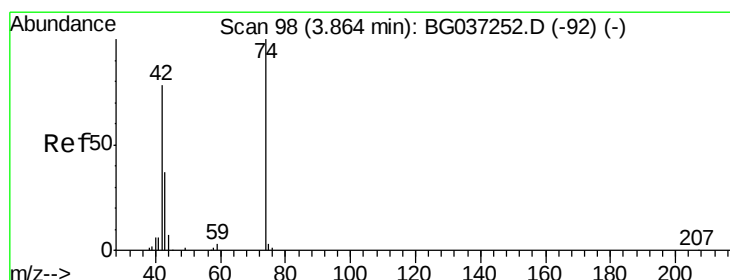
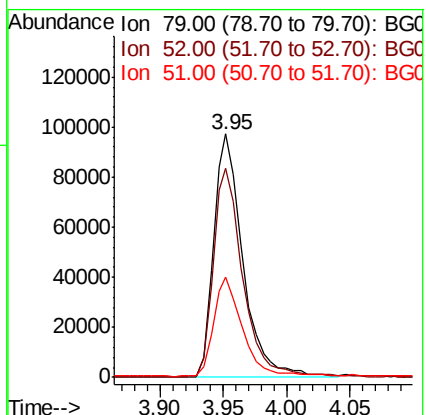
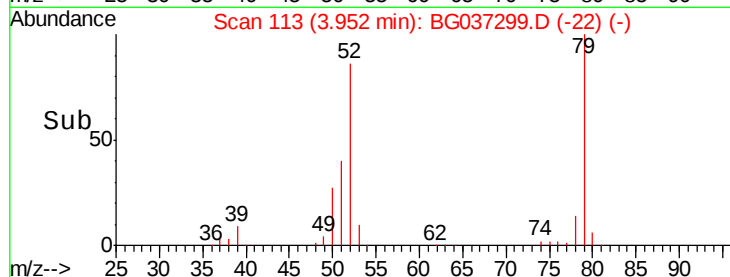
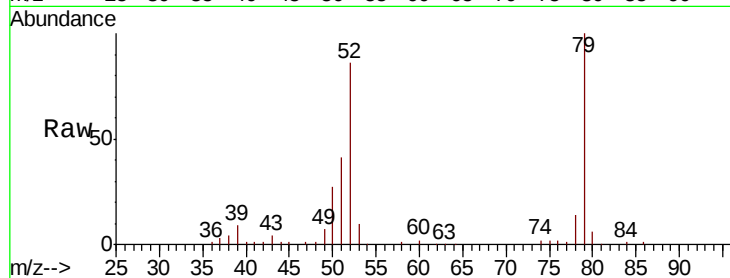
Tgt Ion: 79 Resp: 156736

Ion Ratio Lower Upper

79 100

52 86.0 74.2 111.2

51 41.4 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 41.030 ng

RT: 3.86 min Scan# 98

Delta R.T. -0.00 min

Lab File: BG037299.D

Acq: 12 Oct 2018 20:17

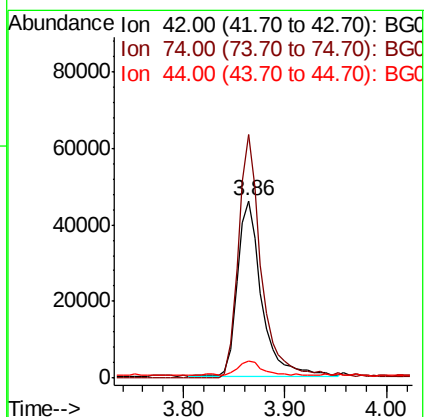
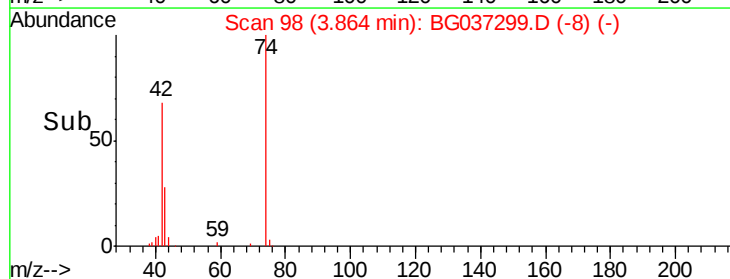
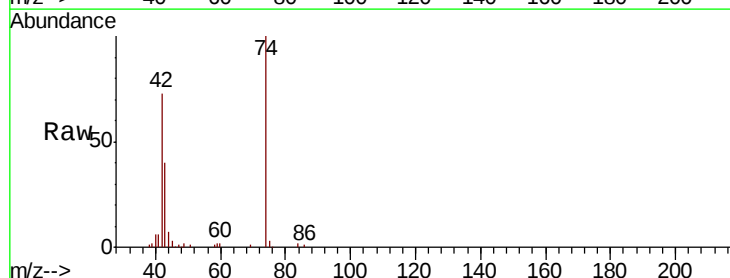
Tgt Ion: 42 Resp: 76659

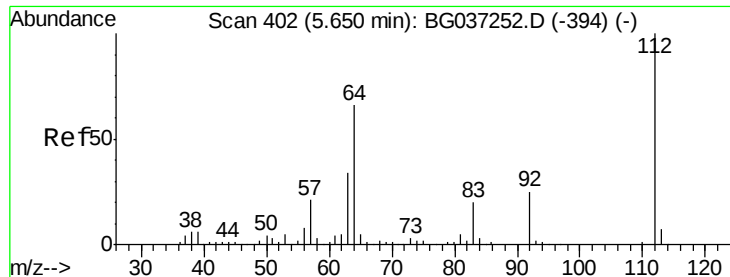
Ion Ratio Lower Upper

42 100

74 137.0 102.0 153.0

44 9.4 9.6 14.4#





#5

2-Fluorophenol

Concen: 122.845 ng

RT: 5.66 min Scan# 403

Delta R.T. 0.01 min

Lab File: BG037299.D

Acq: 12 Oct 2018 20:17

Instrument :

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SOIL-DRUMMSD

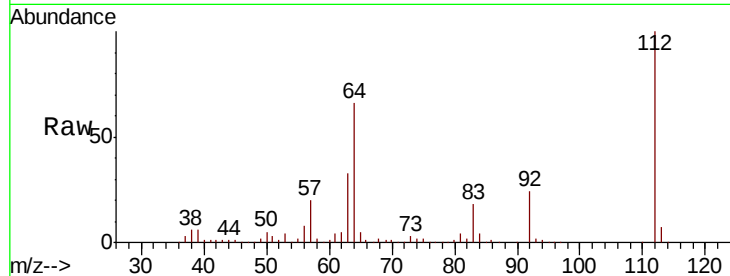
Tgt Ion: 112 Resp: 443223

Ion Ratio Lower Upper

112 100

64 66.2 53.1 79.7

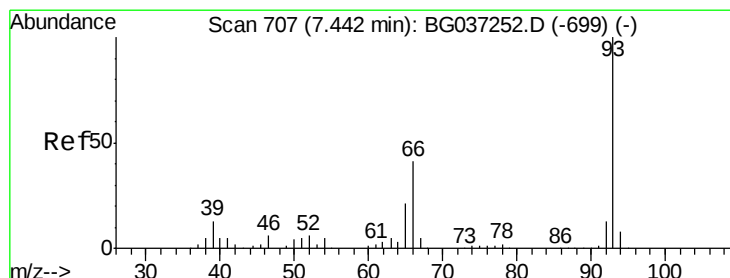
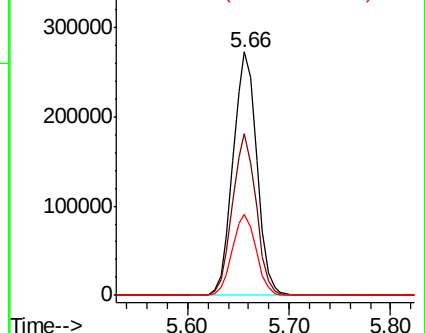
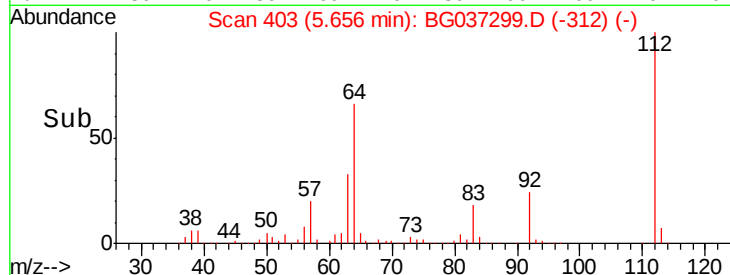
63 33.1 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 22.837 ng

RT: 7.44 min Scan# 707

Delta R.T. -0.00 min

Lab File: BG037299.D

Acq: 12 Oct 2018 20:17

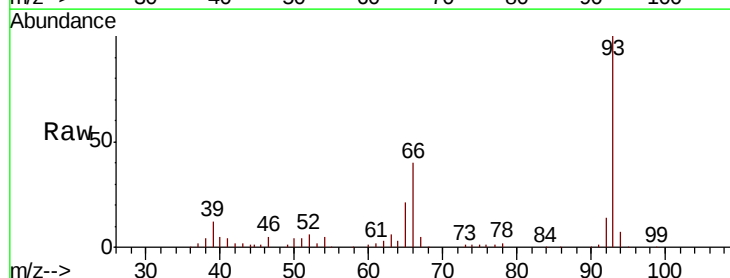
Tgt Ion: 93 Resp: 163713

Ion Ratio Lower Upper

93 100

66 40.1 32.8 49.2

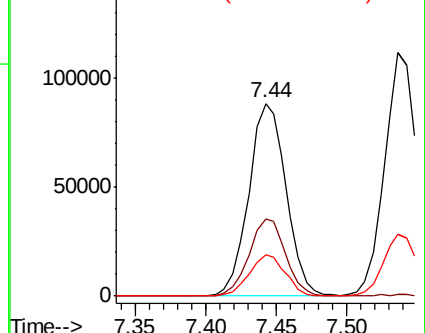
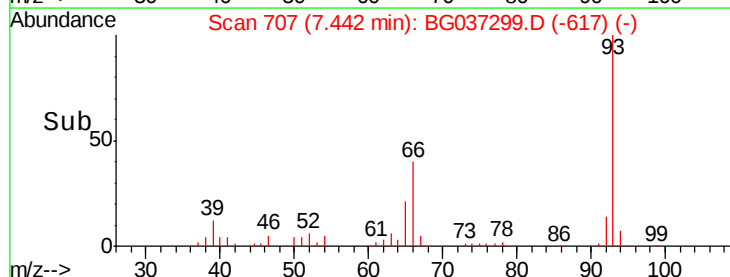
65 21.4 16.4 24.6

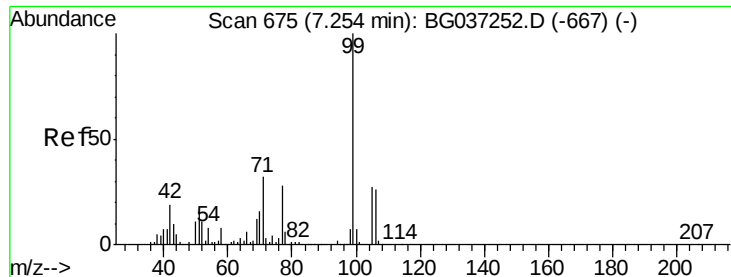


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 108.345 ng

RT: 7.26 min Scan# 676

Delta R.T. 0.01 min

Lab File: BG037299.D

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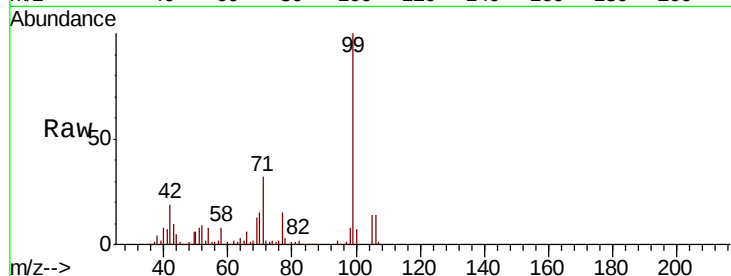
Tgt Ion: 99 Resp: 593330

Ion Ratio Lower Upper

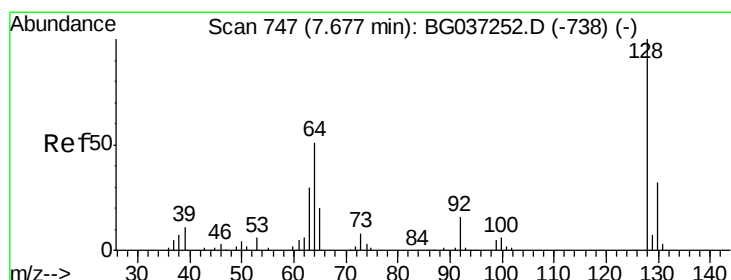
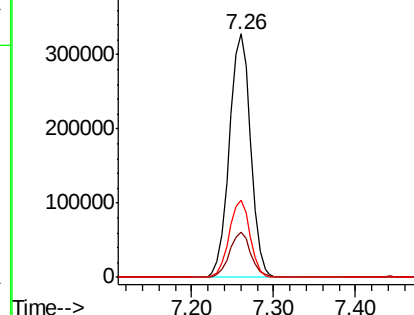
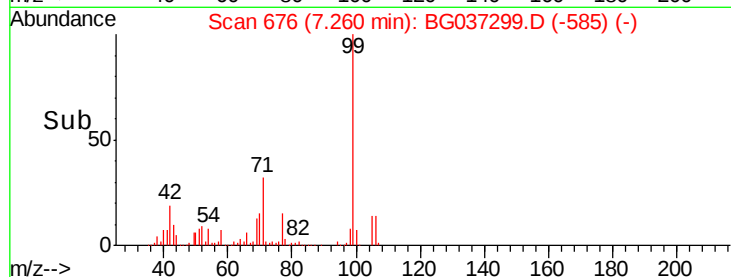
99 100

42 18.7 15.0 22.4

71 31.9 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: 44.741 ng

RT: 7.68 min Scan# 747

Delta R.T. -0.00 min

Lab File: BG037299.D

Acq: 12 Oct 2018 20:17

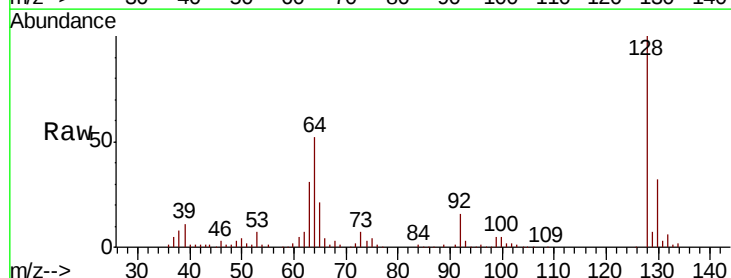
Tgt Ion: 128 Resp: 188927

Ion Ratio Lower Upper

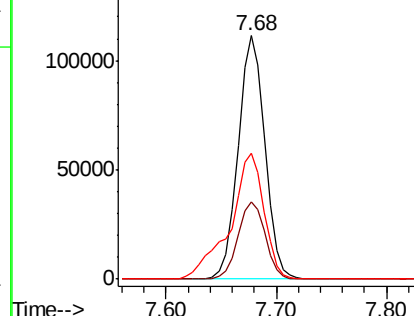
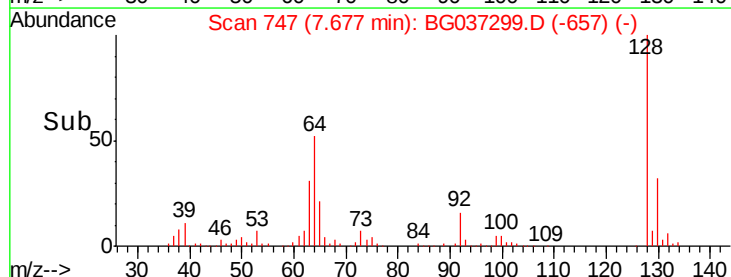
128 100

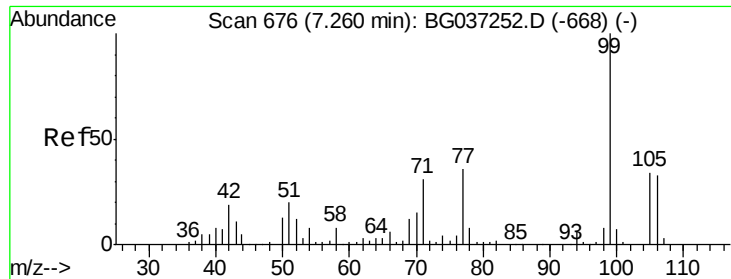
130 31.9 12.0 52.0

64 51.7 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: 23.522 ng

RT: 7.26 min Scan# 676

Delta R.T. -0.00 min

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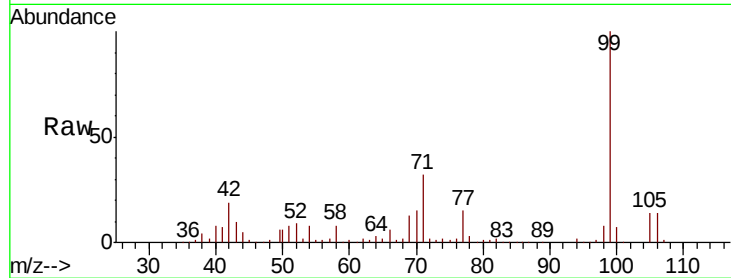
Tgt Ion: 77 Resp: 88687

Ion Ratio Lower Upper

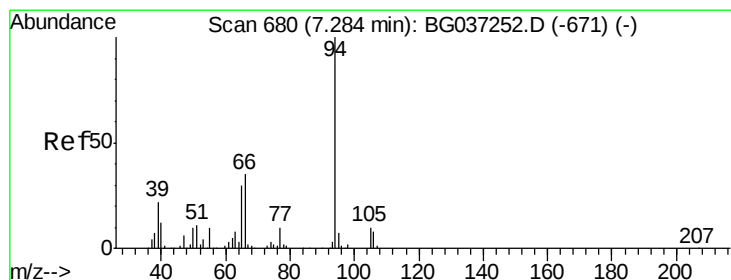
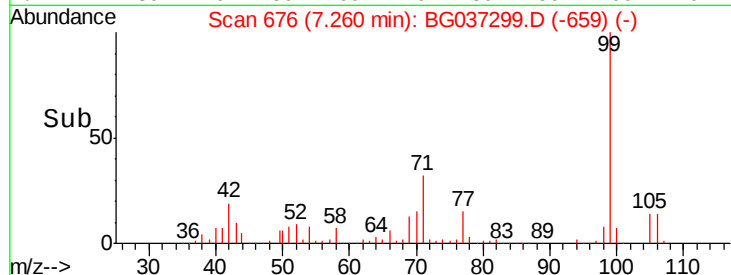
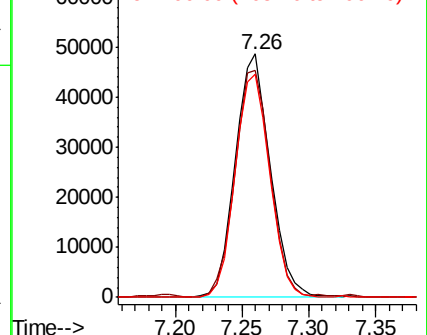
77 100

105 93.3 72.6 112.6

106 91.5 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: 38.439 ng

RT: 7.29 min Scan# 681

Delta R.T. 0.01 min

Lab File: BG037299.D

Acq: 12 Oct 2018 20:17

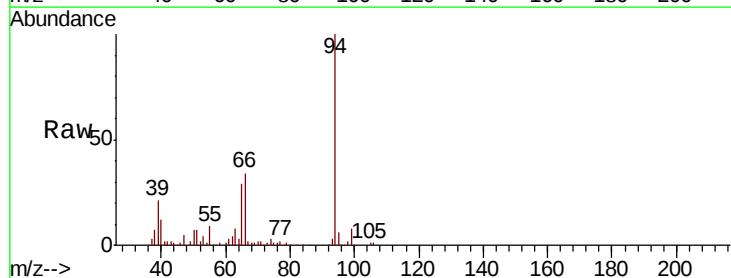
Tgt Ion: 94 Resp: 221704

Ion Ratio Lower Upper

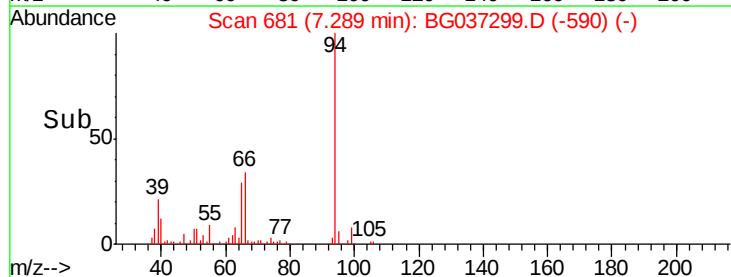
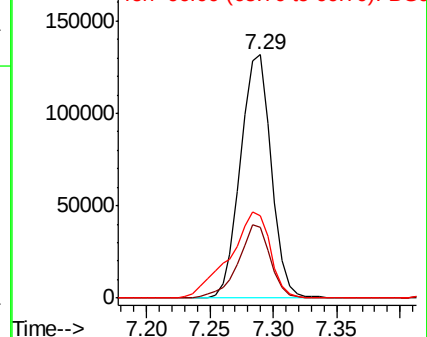
94 100

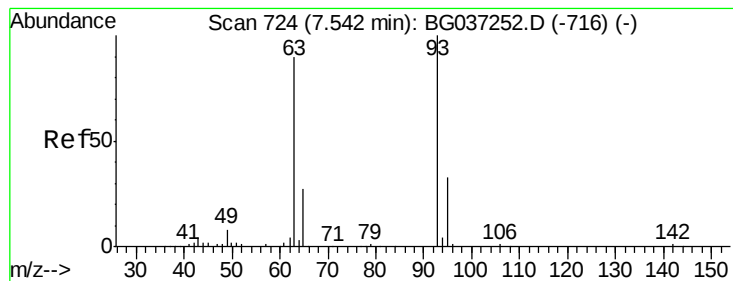
65 28.9 9.7 49.7

66 33.9 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: 38.686 ng

RT: 7.54 min Scan# 723

Delta R.T. -0.01 min

Lab File: BG037299.D

Acq: 12 Oct 2018 20:17

Instrument :

BNA_G

ClientSampleId :

SOIL-DRUMMSD

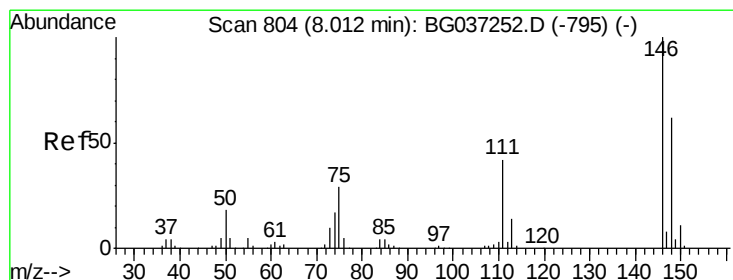
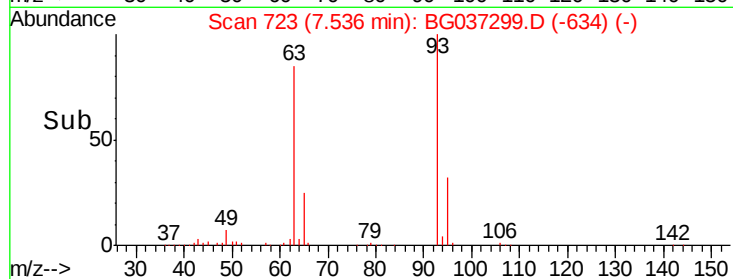
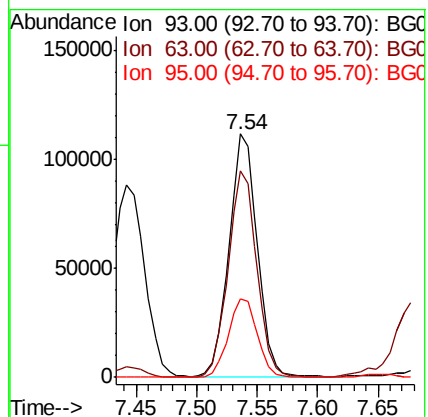
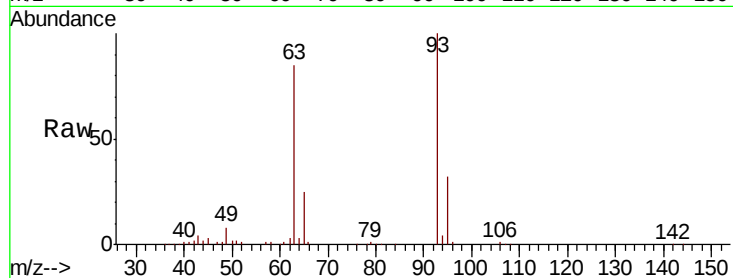
Tgt Ion: 93 Resp: 182288

Ion Ratio Lower Upper

93 100

63 85.0 69.5 109.5

95 32.1 12.6 52.6



#12

1,3-Dichlorobenzene

Concen: 37.210 ng

RT: 8.01 min Scan# 803

Delta R.T. -0.01 min

Lab File: BG037299.D

Acq: 12 Oct 2018 20:17

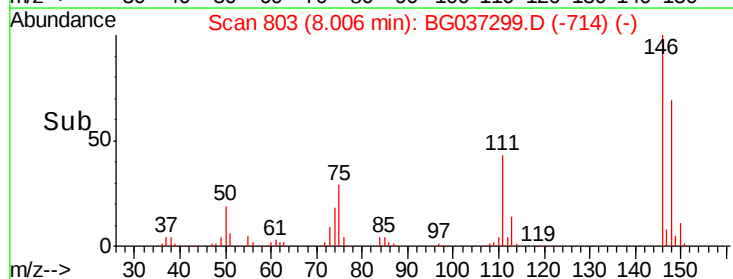
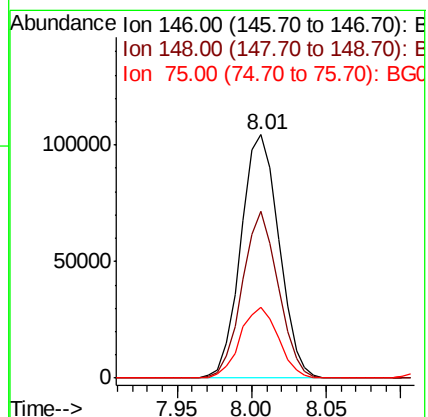
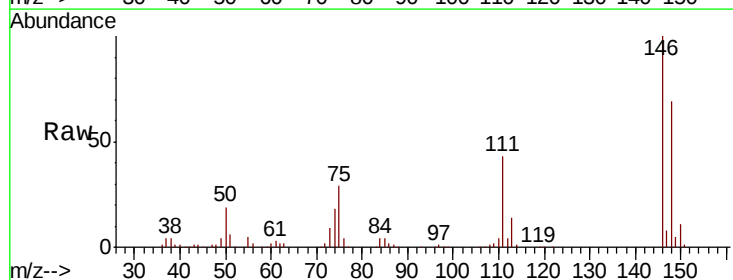
Tgt Ion: 146 Resp: 184716

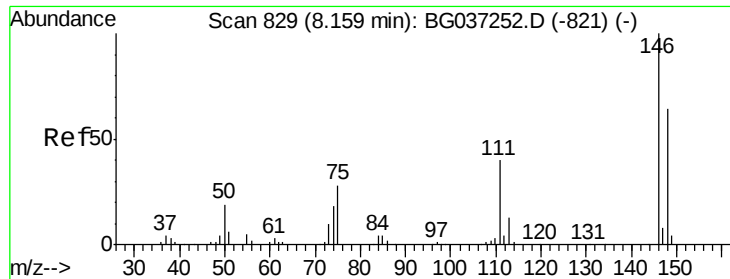
Ion Ratio Lower Upper

146 100

148 68.5 49.8 74.8

75 28.8 23.2 34.8

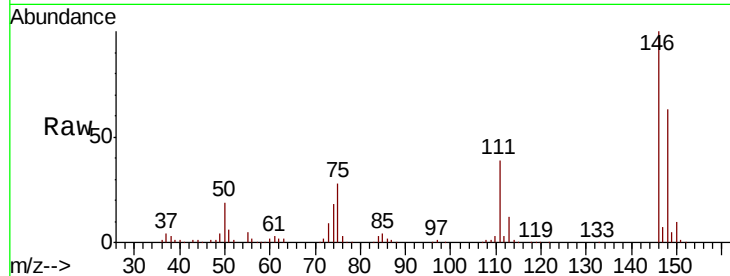




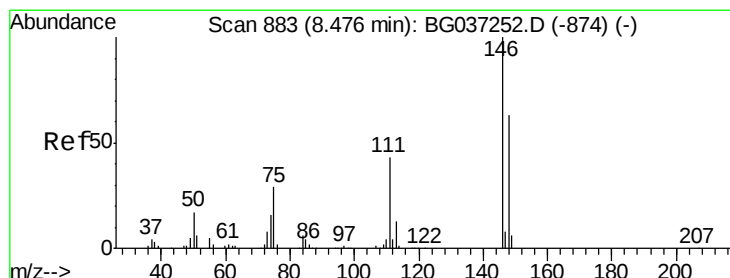
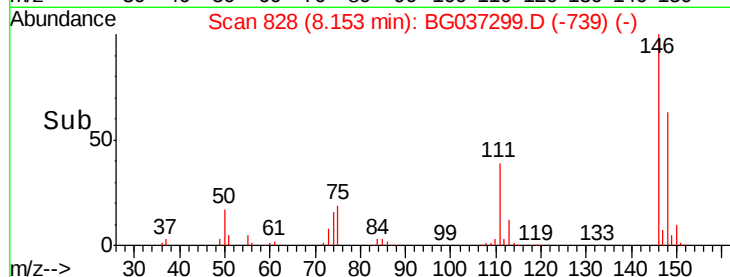
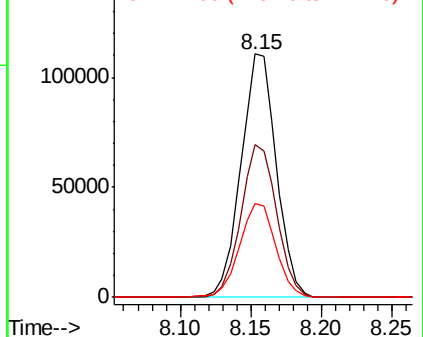
#13
 1,4-Dichlorobenzene
 Concen: 38.573 ng
 RT: 8.15 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BG037299.D
 Acq: 12 Oct 2018 20:17

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-DRUMMSD

Tgt Ion:146 Resp: 193862
 Ion Ratio Lower Upper
 146 100
 148 62.9 51.0 76.6
 111 38.7 32.4 48.6

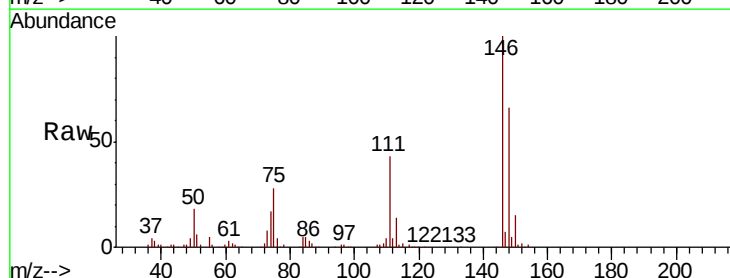


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

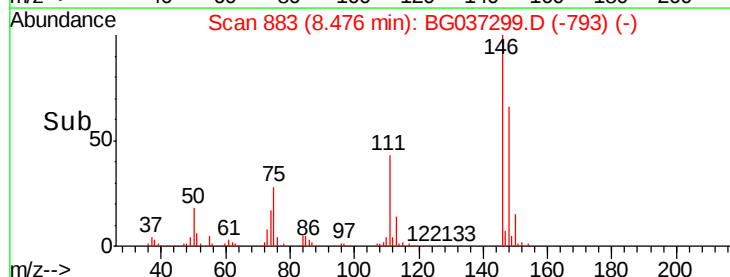
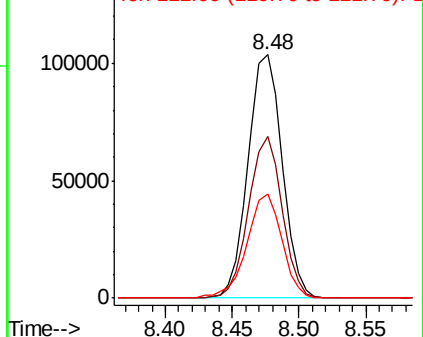


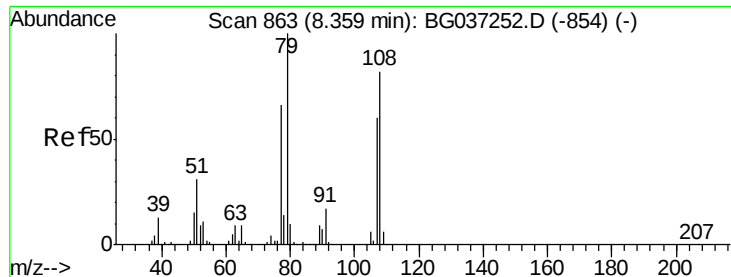
#14
 1,2-Dichlorobenzene
 Concen: 37.580 ng
 RT: 8.48 min Scan# 883
 Delta R.T. -0.00 min
 Lab File: BG037299.D
 Acq: 12 Oct 2018 20:17

Tgt Ion:146 Resp: 183017
 Ion Ratio Lower Upper
 146 100
 148 66.4 50.4 75.6
 111 42.9 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: 43.341 ng

RT: 8.36 min Scan# 863

Delta R.T. -0.00 min

Lab File: BG037299.D

Acq: 12 Oct 2018 20:17

Instrument :

BNA_G

ClientSampleId :

SOIL-DRUMMSD

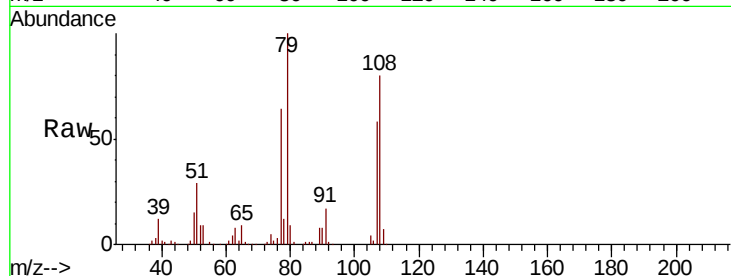
Tgt Ion: 79 Resp: 185656

Ion Ratio Lower Upper

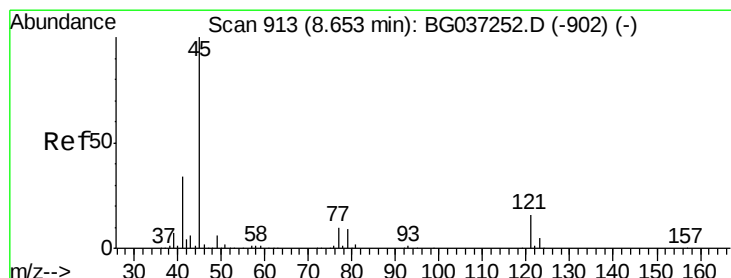
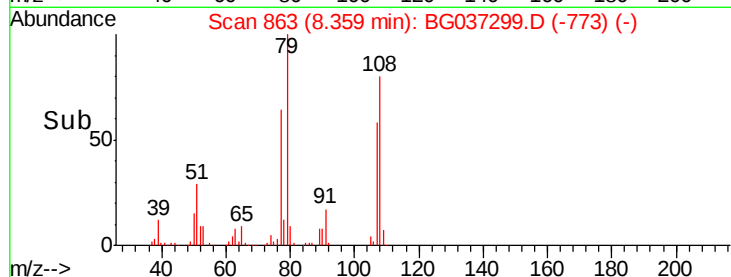
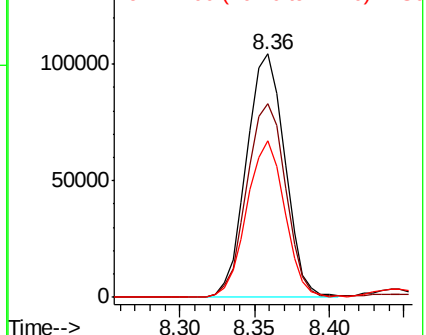
79 100

108 79.6 65.8 98.8

77 64.1 52.9 79.3



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.491 ng

RT: 8.64 min Scan# 911

Delta R.T. -0.01 min

Lab File: BG037299.D

Acq: 12 Oct 2018 20:17

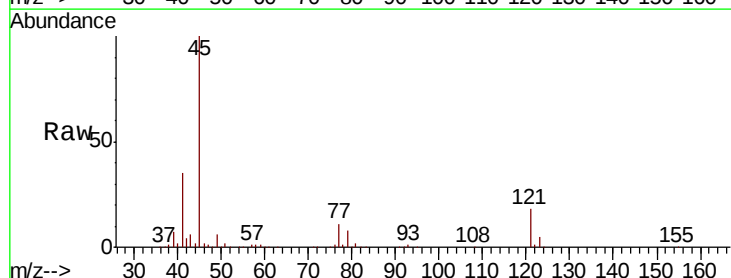
Tgt Ion: 45 Resp: 339919

Ion Ratio Lower Upper

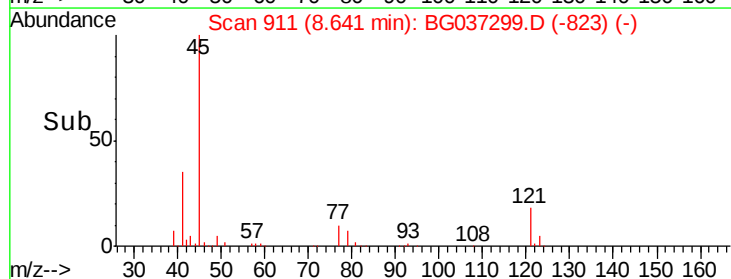
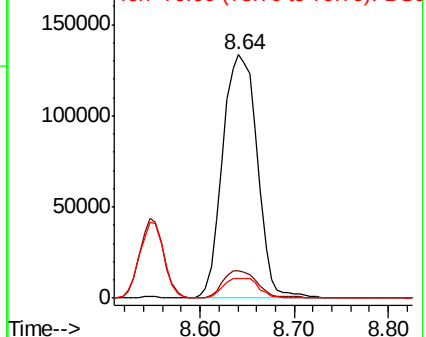
45 100

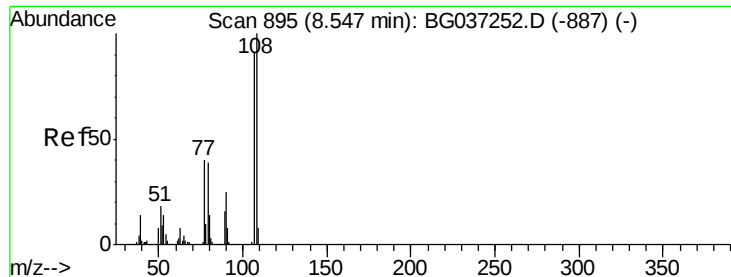
77 11.3 0.0 30.0

79 7.8 0.0 29.0



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

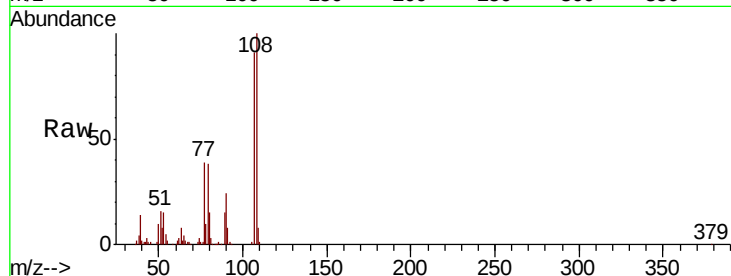




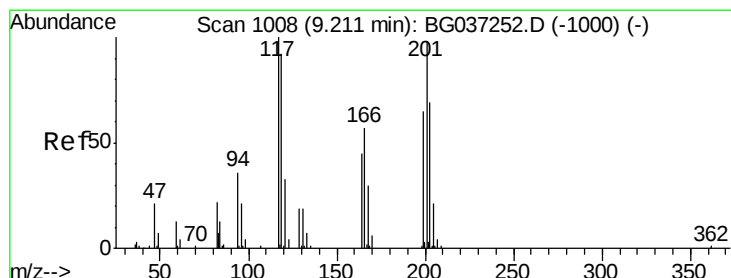
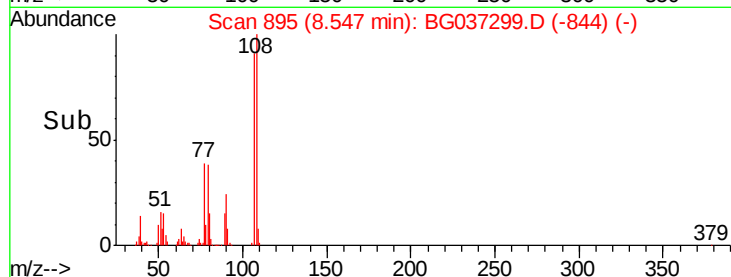
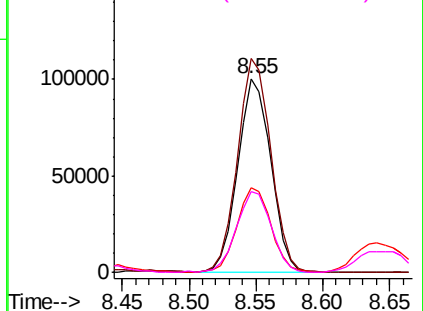
#17
2-Methylphenol
Concen: 44.580 ng
RT: 8.55 min Scan# 895
Delta R.T. -0.00 min
Lab File: BG037299.D
Acq: 12 Oct 2018 20:17

Instrument :
BNA_G
ClientSampleId :
SOIL-DRUMMSD

Tgt Ion:	107	Resp:	172203
Ion	Ratio	Lower	Upper
107	100		
108	110.2	87.9	131.9
77	43.3	35.1	52.7
79	41.5	34.5	51.7

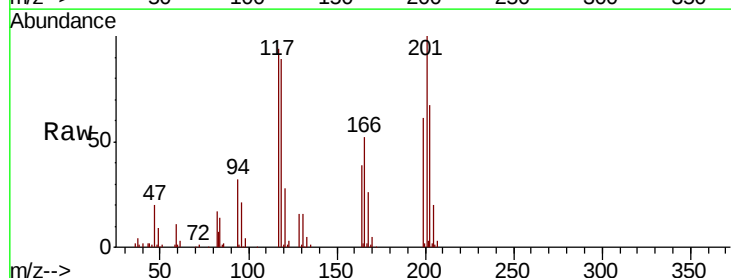


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

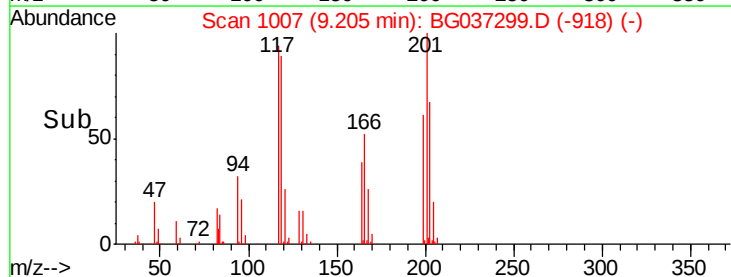
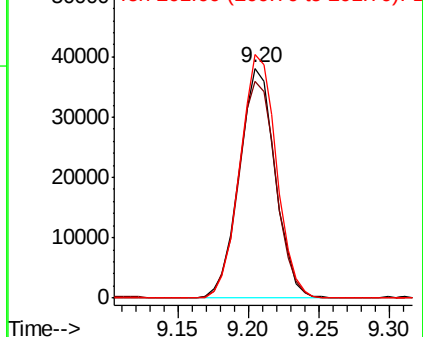


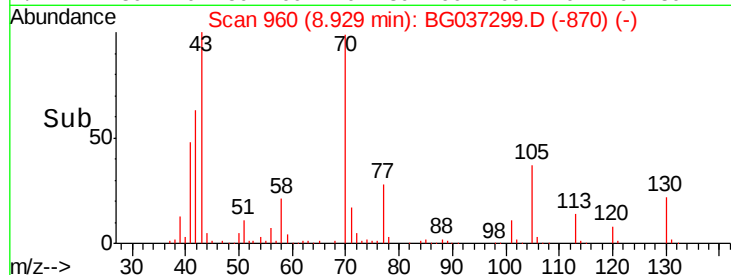
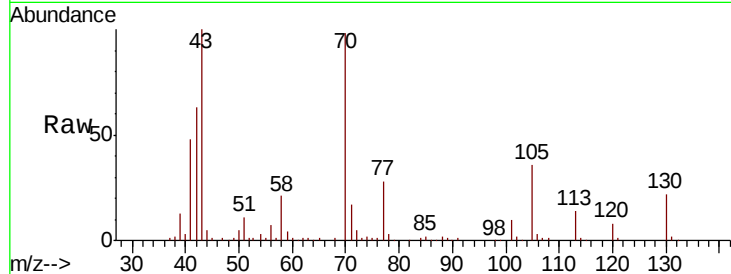
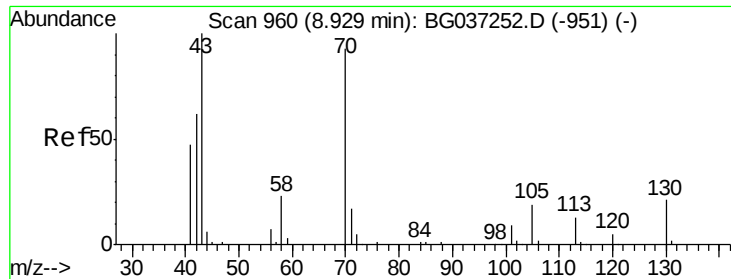
#18
Hexachloroethane
Concen: 39.675 ng
RT: 9.20 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG037299.D
Acq: 12 Oct 2018 20:17

Tgt Ion:	117	Resp:	68058
Ion	Ratio	Lower	Upper
117	100		
119	94.6	74.6	111.8
201	109.0	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

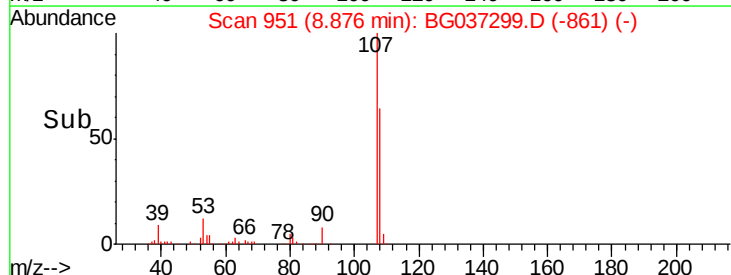
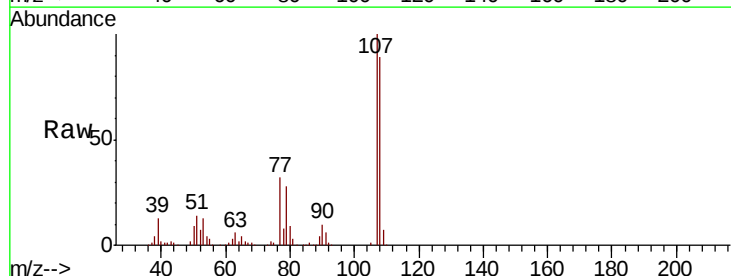
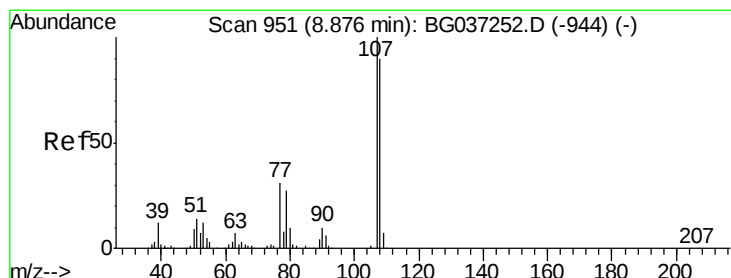
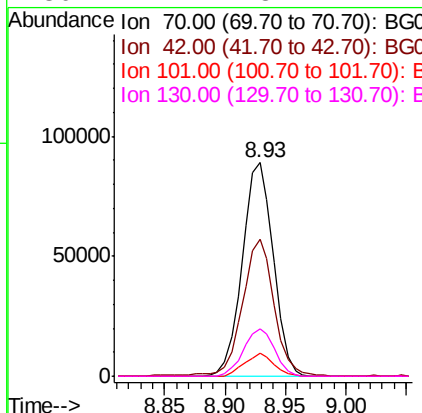




#19
n-Nitroso-di-n-propylamine
Concen: 38.453 ng
RT: 8.93 min Scan# 960
Delta R.T. -0.00 min
Lab File: BG037299.D
Acq: 12 Oct 2018 20:17

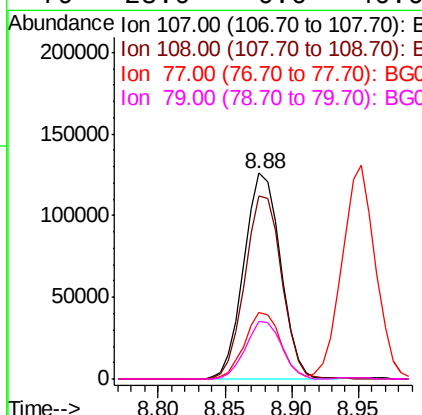
Instrument :
BNA_G
ClientSampleId :
SOIL-DRUMMSD

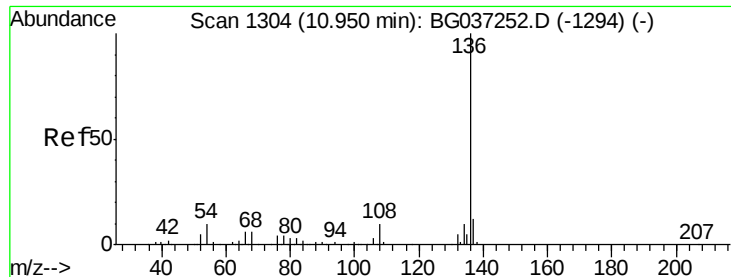
Tgt Ion:	70	Resp:	159431
Ion	Ratio	Lower	Upper
70	100		
42	64.3	53.9	80.9
101	10.6	8.2	12.2
130	22.4	18.2	27.4



#20
3+4-Methylphenols
Concen: 44.445 ng
RT: 8.88 min Scan# 951
Delta R.T. -0.00 min
Lab File: BG037299.D
Acq: 12 Oct 2018 20:17

Tgt Ion:	107	Resp:	240055
Ion	Ratio	Lower	Upper
107	100		
108	89.3	69.9	109.9
77	32.3	11.2	51.2
79	28.0	6.6	46.6

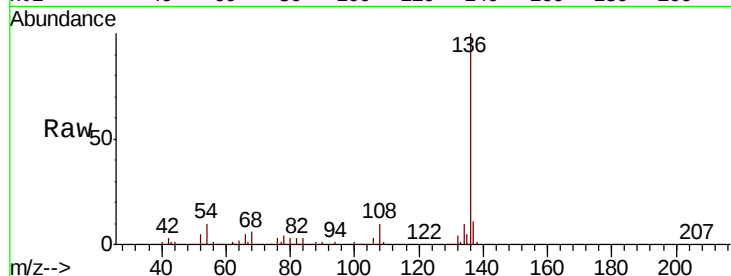




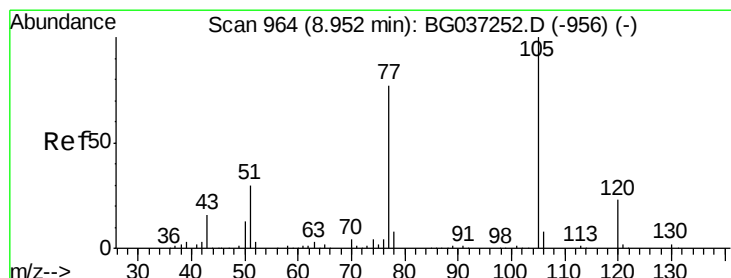
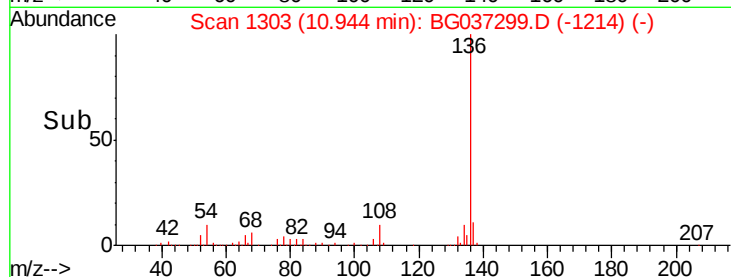
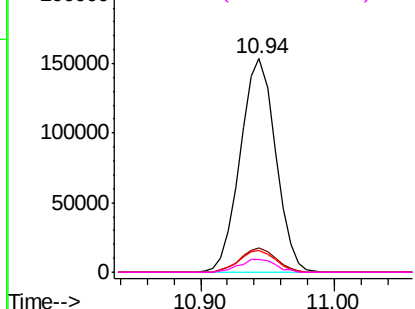
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BG037299.D
Acq: 12 Oct 2018 20:17

Instrument :
BNA_G
ClientSampleId :
SOIL-DRUMMSD

Tgt Ion:	136	Resp:	280433
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.6	14.4
54	10.1	7.9	11.9
68	6.3	4.8	7.2

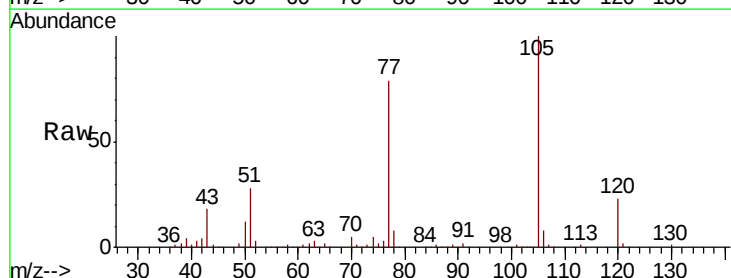


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

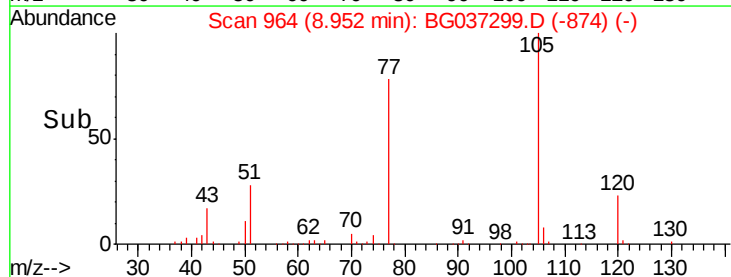
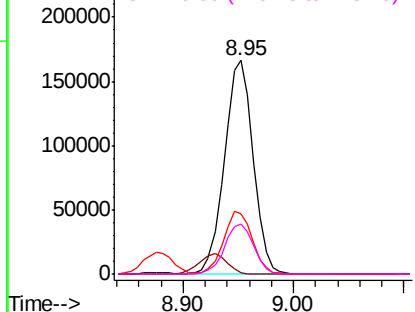


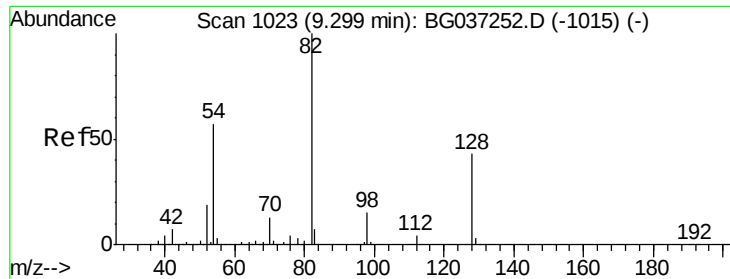
#22
Acetophenone
Concen: 42.745 ng
RT: 8.95 min Scan# 964
Delta R.T. -0.00 min
Lab File: BG037299.D
Acq: 12 Oct 2018 20:17

Tgt Ion:	105	Resp:	302168
Ion	Ratio	Lower	Upper
105	100		
71	0.6	1.2	1.8#
51	28.4	25.0	37.6
120	23.4	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

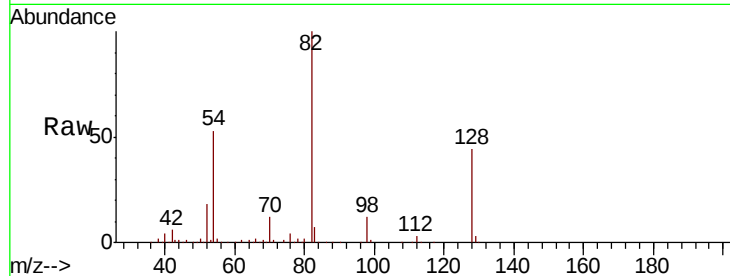




#23
Nitrobenzene-d5
Concen: 92.968 ng
RT: 9.30 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BG037299.D
Acq: 12 Oct 2018 20:17

Instrument :
BNA_G
ClientSampleId :
SOIL-DRUMMSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.3	34.6	51.8
54	53.5	45.3	67.9

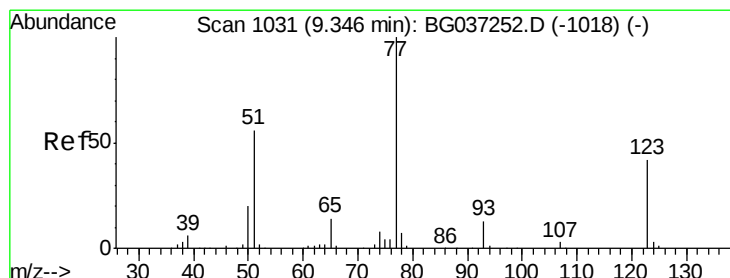
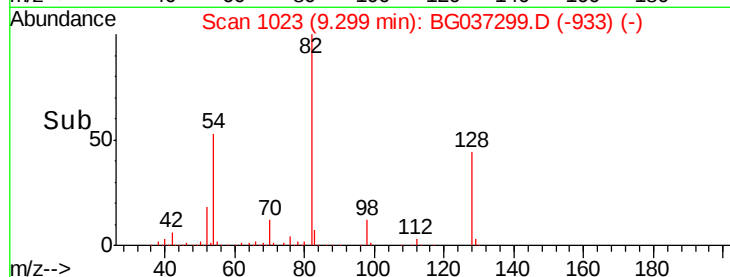
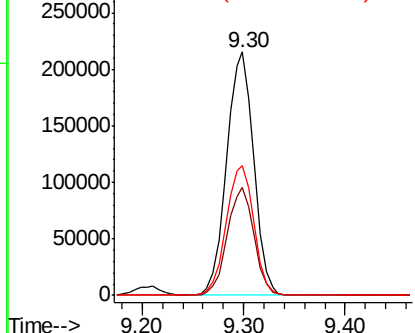


Abundance

Ion 82.00 (81.70 to 82.70): BGC

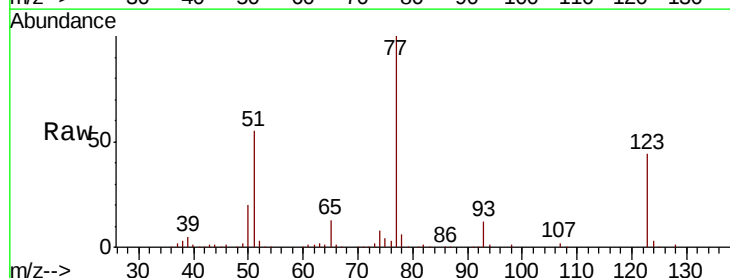
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#24
Nitrobenzene
Concen: 47.298 ng
RT: 9.34 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BG037299.D
Acq: 12 Oct 2018 20:17

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.2	33.6	50.4
65	13.1	11.3	16.9

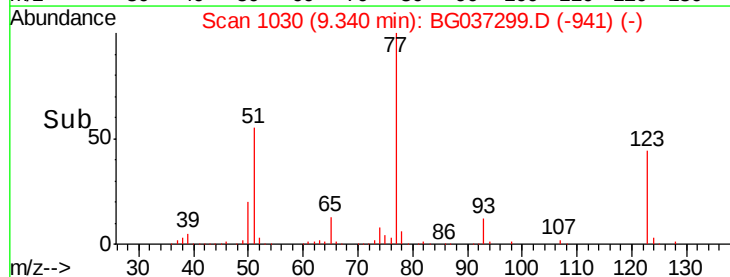
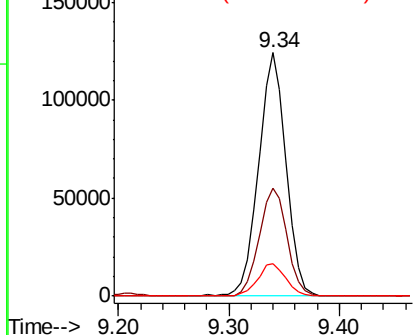


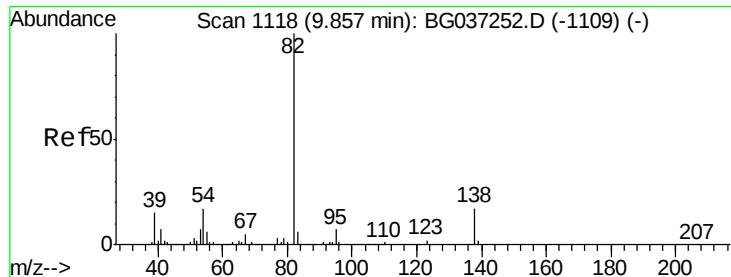
Abundance

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: 48.114 ng

RT: 9.86 min Scan# 1118

Delta R.T. -0.00 min

Lab File: BG037299.D

Acq: 12 Oct 2018 20:17

Instrument :

BNA_G

ClientSampleId :

SOIL-DRUMMSD

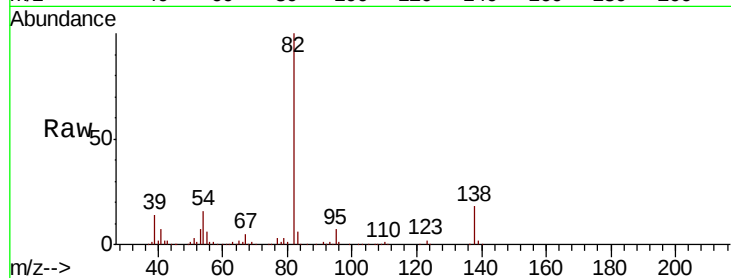
Tgt Ion: 82 Resp: 468510

Ion Ratio Lower Upper

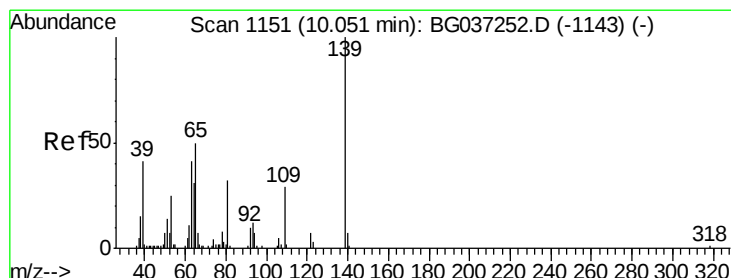
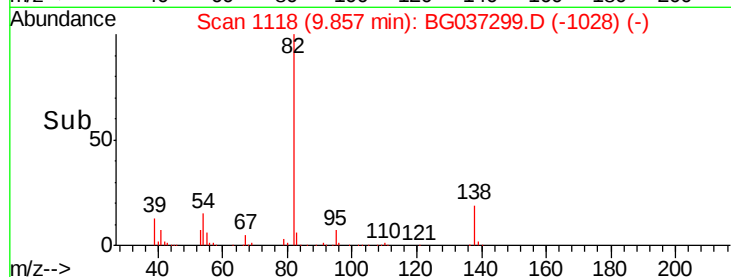
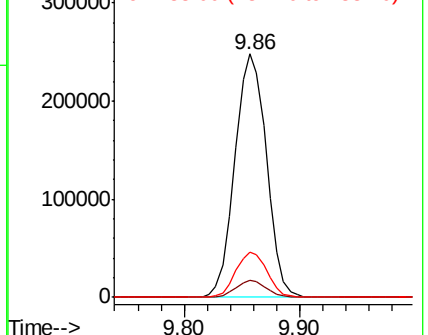
82 100

95 7.0 5.3 7.9

138 18.4 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: 50.765 ng

RT: 10.05 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BG037299.D

Acq: 12 Oct 2018 20:17

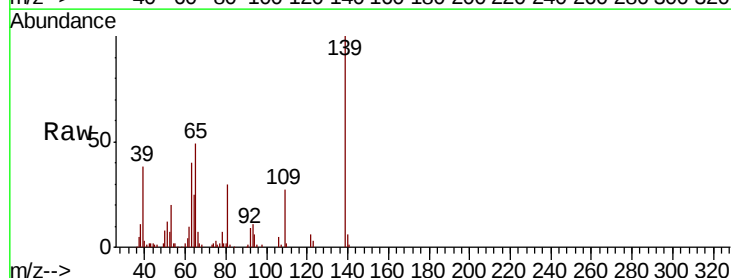
Tgt Ion: 139 Resp: 87718

Ion Ratio Lower Upper

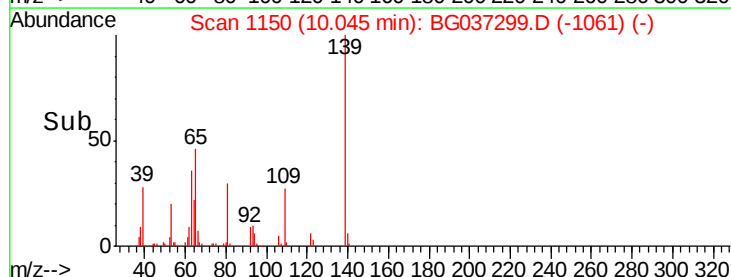
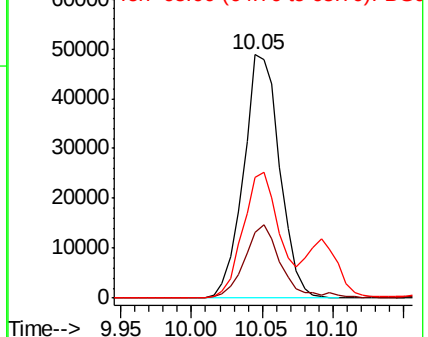
139 100

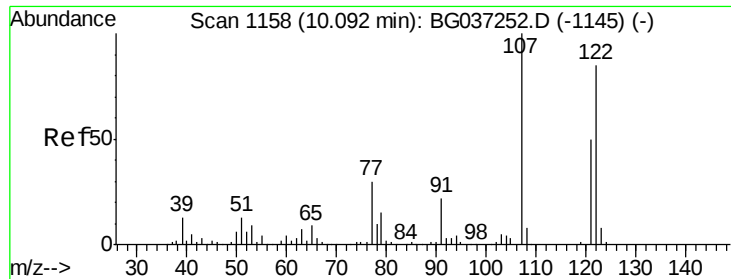
109 27.0 23.3 34.9

65 49.3 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

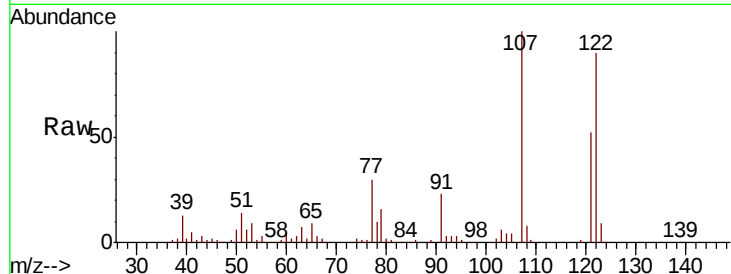




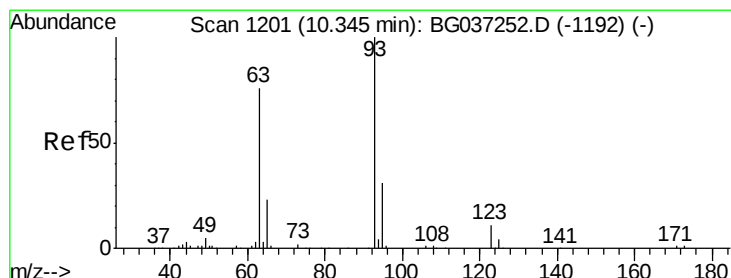
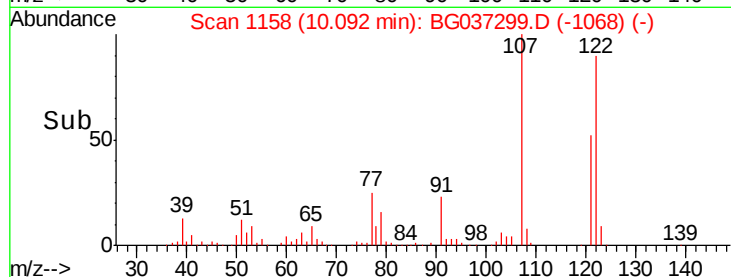
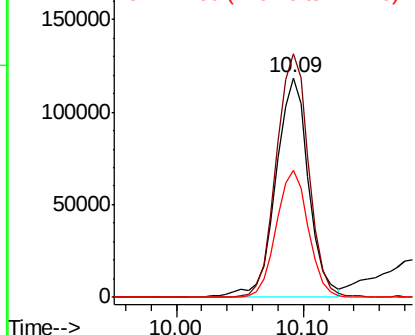
#27
2,4-Dimethylphenol
Concen: 52.289 ng
RT: 10.09 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BG037299.D
Acq: 12 Oct 2018 20:17

Instrument :
BNA_G
ClientSampleId :
SOIL-DRUMMSD

Tgt Ion:122 Resp: 212821
Ion Ratio Lower Upper
122 100
107 110.7 94.2 141.2
121 58.0 47.3 70.9

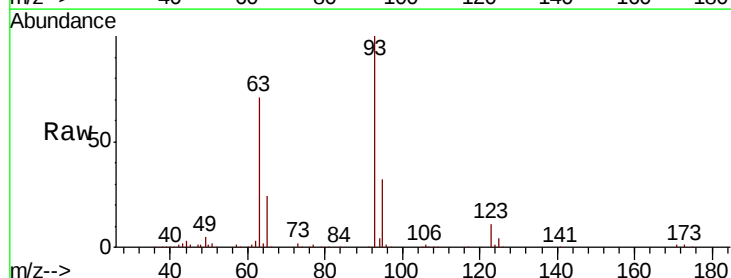


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

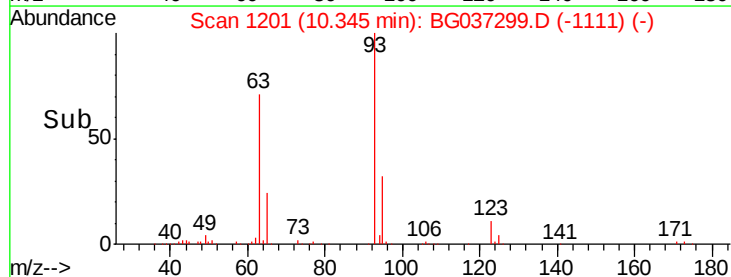
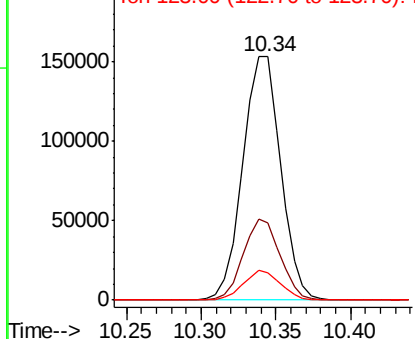


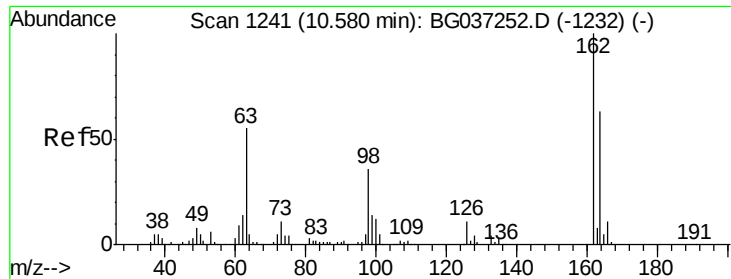
#28
bis(2-Chloroethoxy)methane
Concen: 44.271 ng
RT: 10.34 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BG037299.D
Acq: 12 Oct 2018 20:17

Tgt Ion: 93 Resp: 269707
Ion Ratio Lower Upper
93 100
95 31.6 24.6 37.0
123 11.4 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

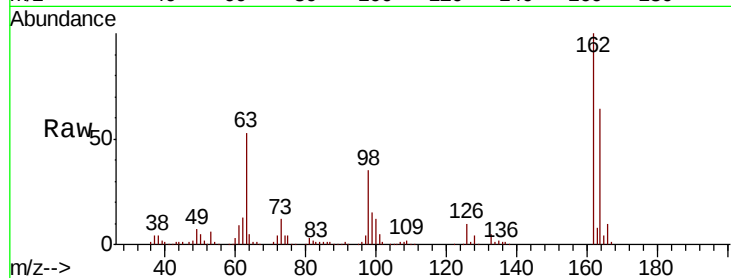




#29
 2,4-Dichlorophenol
 Concen: 51.140 ng
 RT: 10.58 min Scan# 1241
 Delta R.T. -0.00 min
 Lab File: BG037299.D
 Acq: 12 Oct 2018 20:17

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-DRUMMSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.6	43.2	83.2
98	34.6	16.0	56.0

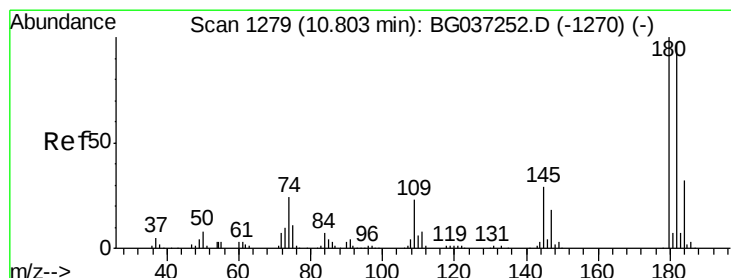
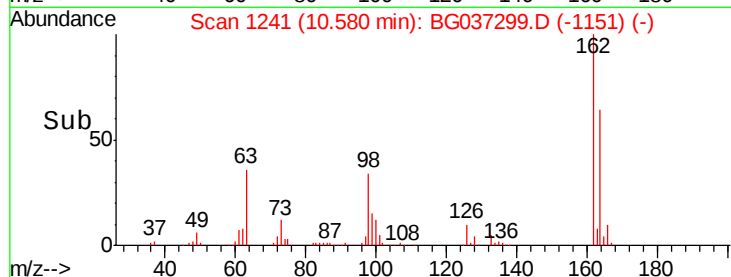
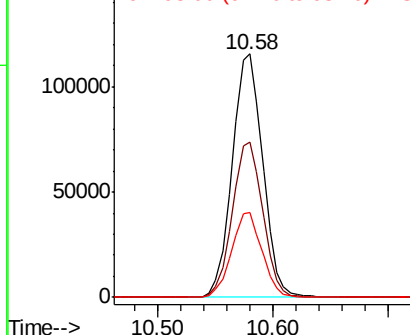


Abundance

Ion 162.00 (161.70 to 162.70): E

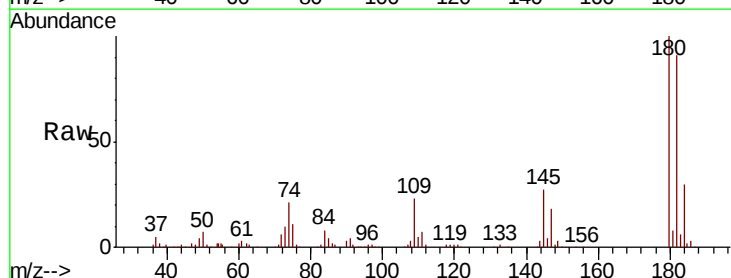
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 39.797 ng
 RT: 10.80 min Scan# 1278
 Delta R.T. -0.01 min
 Lab File: BG037299.D
 Acq: 12 Oct 2018 20:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.6	77.7	116.5
145	27.2	23.3	34.9

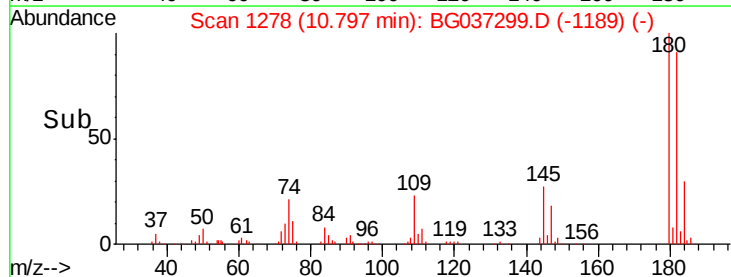
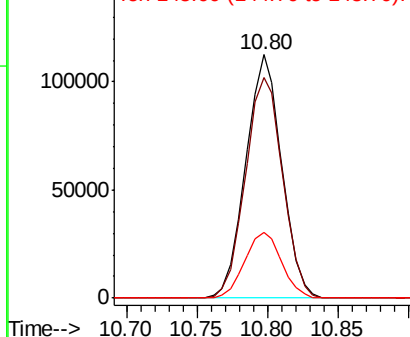


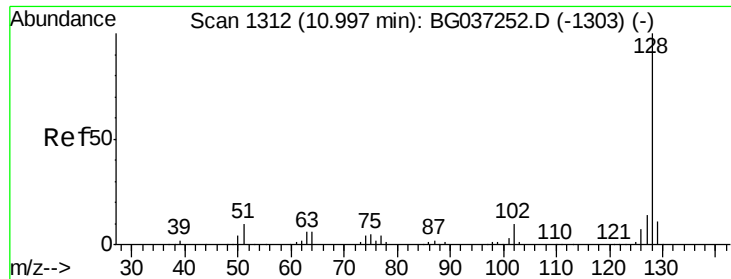
Abundance

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

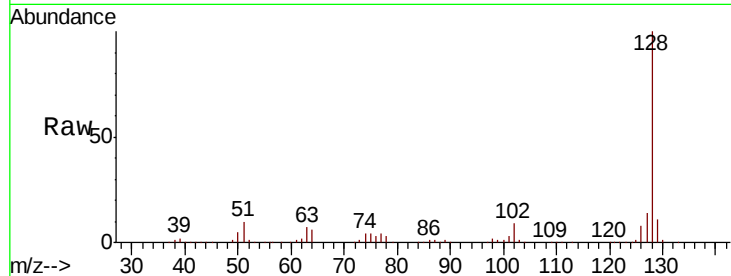




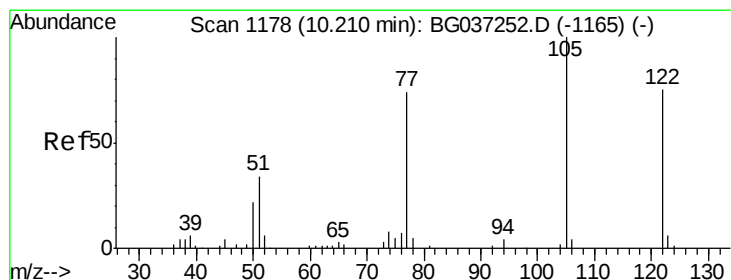
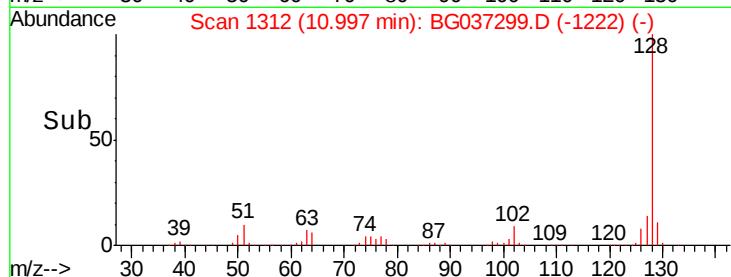
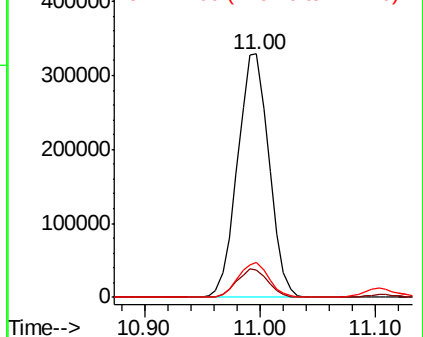
#31
Naphthalene
Concen: 45.644 ng
RT: 11.00 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BG037299.D
Acq: 12 Oct 2018 20:17

Instrument :
BNA_G
ClientSampleId :
SOIL-DRUMMSD

Tgt Ion:128 Resp: 622076
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 14.2 11.1 16.7

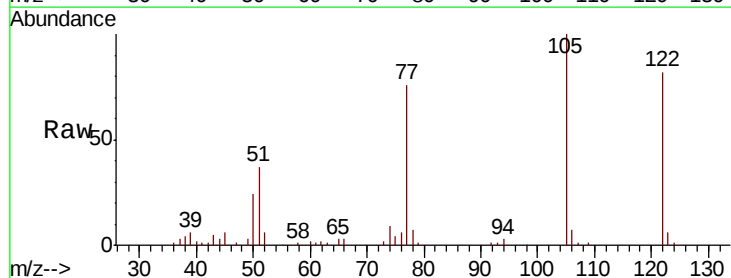


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

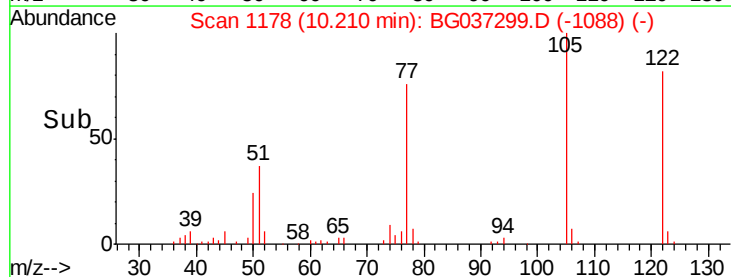
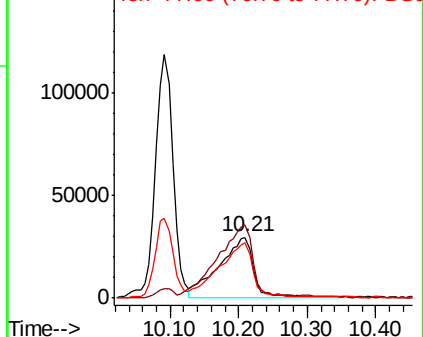


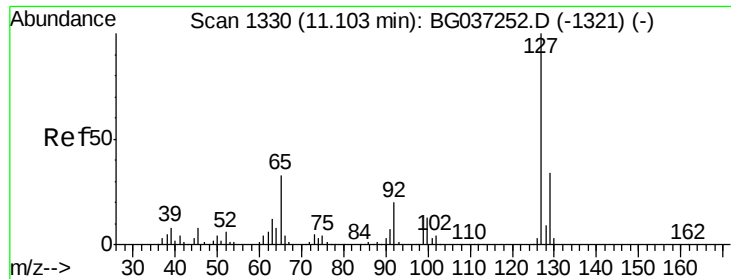
#32
Benzoic acid
Concen: 47.053 ng
RT: 10.21 min Scan# 1178
Delta R.T. -0.00 min
Lab File: BG037299.D
Acq: 12 Oct 2018 20:17

Tgt Ion:122 Resp: 105746
Ion Ratio Lower Upper
122 100
105 121.6 106.7 146.7
77 92.6 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

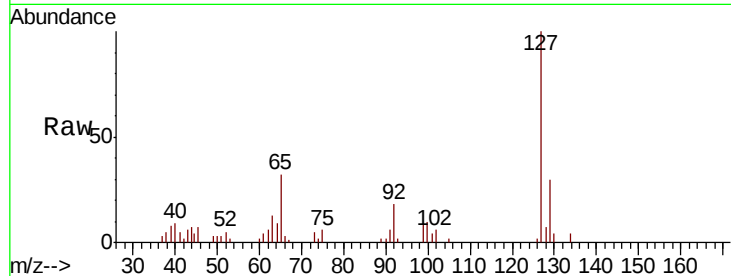




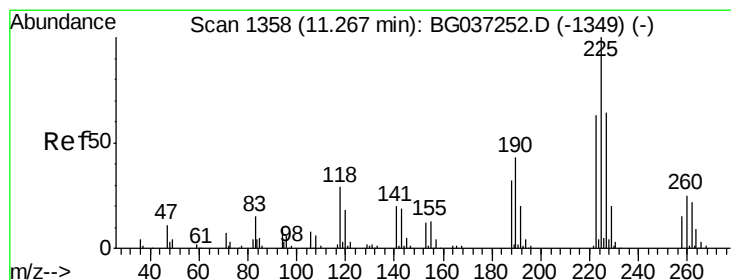
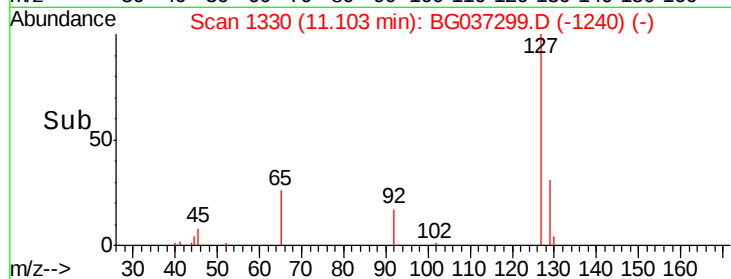
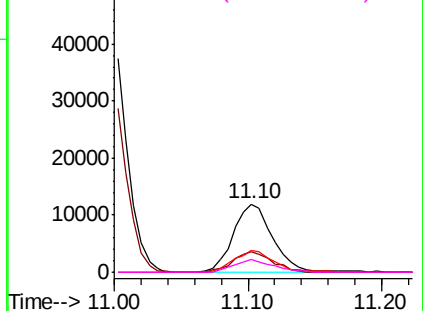
#33
4-Chloroaniline
Concen: 3.791 ng
RT: 11.10 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG037299.D
Acq: 12 Oct 2018 20:17

Instrument :
BNA_G
ClientSampleId :
SOIL-DRUMMSD

Tgt Ion:	127	Resp:	24239
Ion	Ratio	Lower	Upper
127	100		
129	30.2	27.1	40.7
65	31.6	26.6	39.8
92	18.2	16.4	24.6

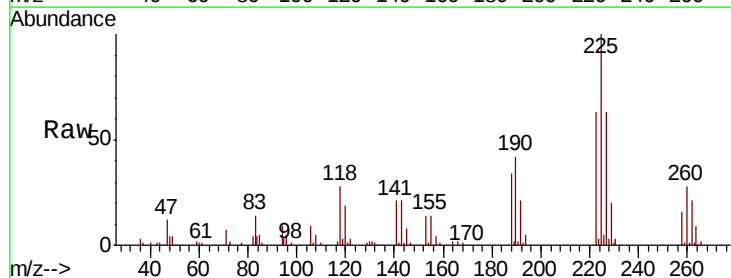


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

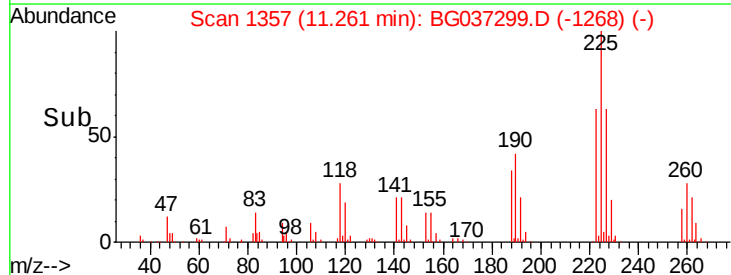
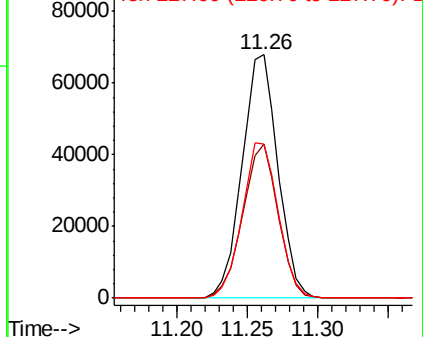


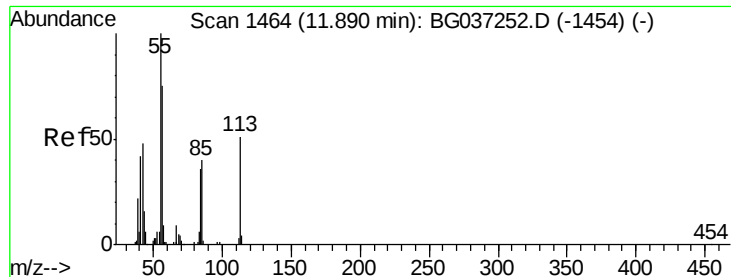
#34
Hexachlorobutadiene
Concen: 38.565 ng
RT: 11.26 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BG037299.D
Acq: 12 Oct 2018 20:17

Tgt Ion:	225	Resp:	120402
Ion	Ratio	Lower	Upper
225	100		
223	60.3	48.2	72.4
227	63.1	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

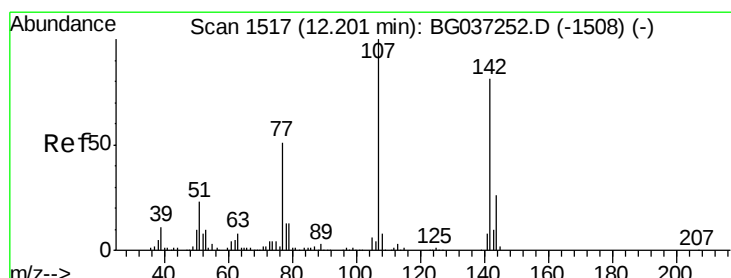
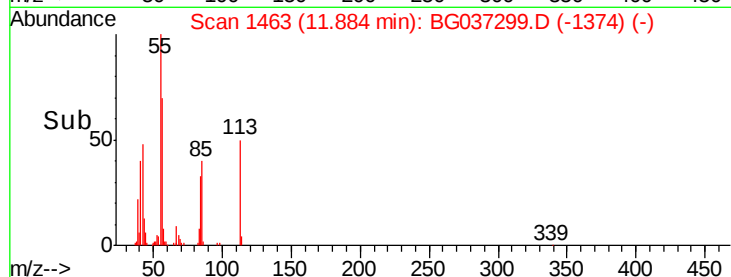
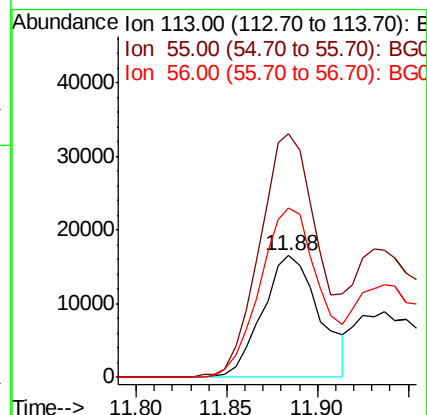
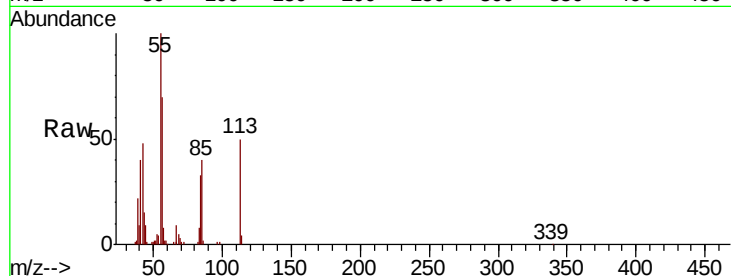




#35
 Caprolactam
 Concen: 21.473 ng
 RT: 11.88 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BG037299.D
 Acq: 12 Oct 2018 20:17

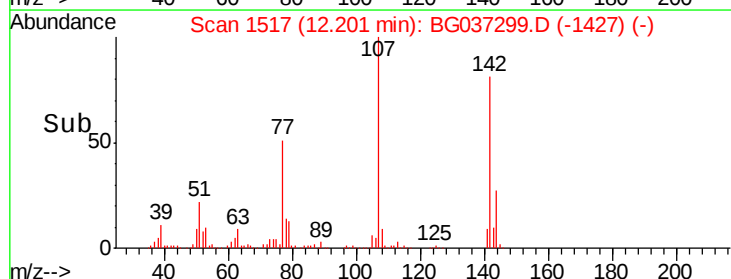
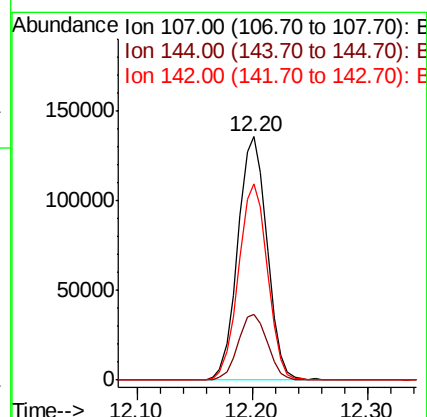
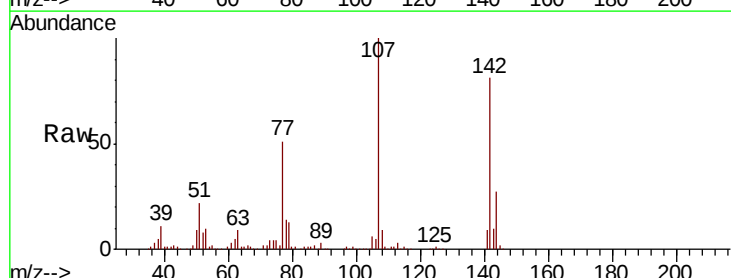
Instrument :
 BNA_G
 ClientSampleId :
 SOIL-DRUMMSD

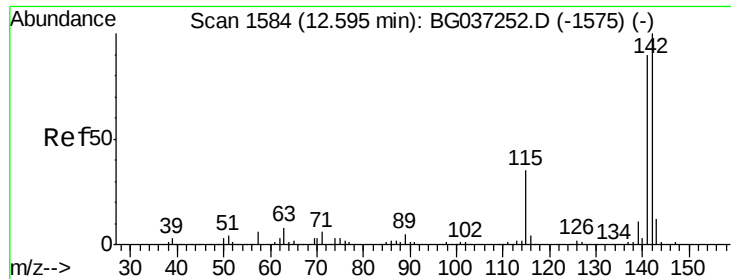
Tgt Ion:113 Resp: 36168
 Ion Ratio Lower Upper
 113 100
 55 200.5 176.6 216.6
 56 140.0 128.3 168.3



#36
 4-Chloro-3-methylphenol
 Concen: 48.875 ng
 RT: 12.20 min Scan# 1517
 Delta R.T. -0.00 min
 Lab File: BG037299.D
 Acq: 12 Oct 2018 20:17

Tgt Ion:107 Resp: 238479
 Ion Ratio Lower Upper
 107 100
 144 27.2 20.7 31.1
 142 80.6 64.4 96.6

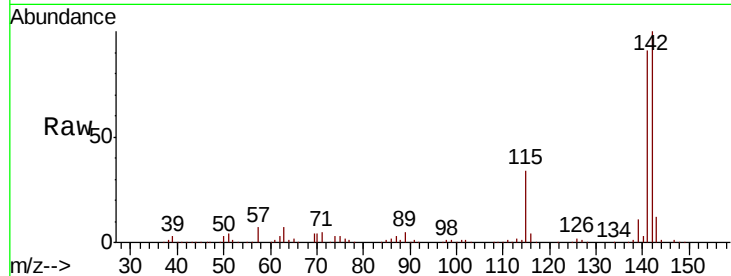




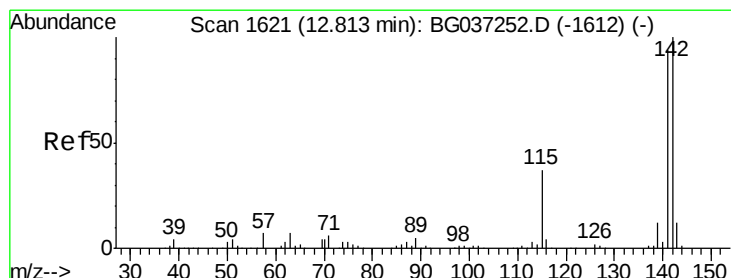
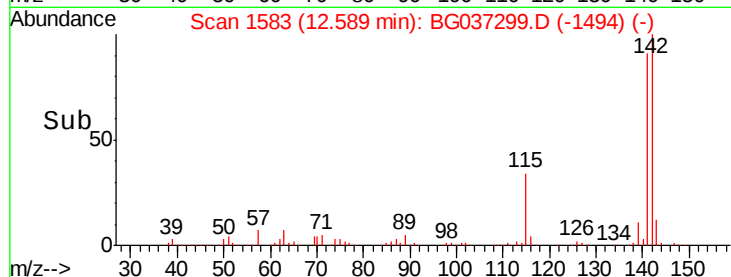
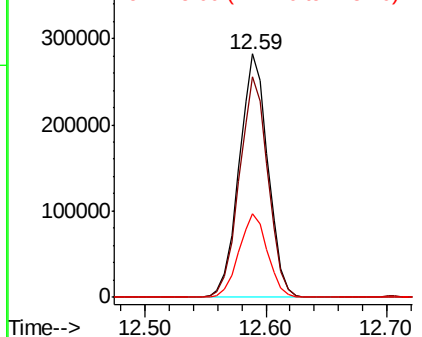
#37
2-Methylnaphthalene
Concen: 46.820 ng
RT: 12.59 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BG037299.D
Acq: 12 Oct 2018 20:17

Instrument :
BNA_G
ClientSampleId :
SOIL-DRUMMSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.6	71.9	107.9
115	34.1	27.8	41.8

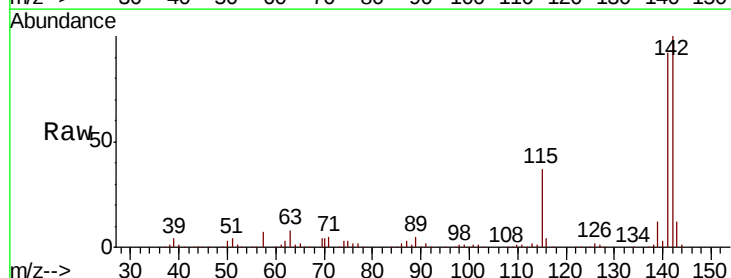


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

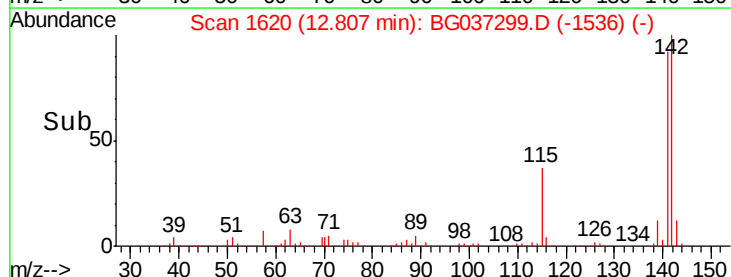
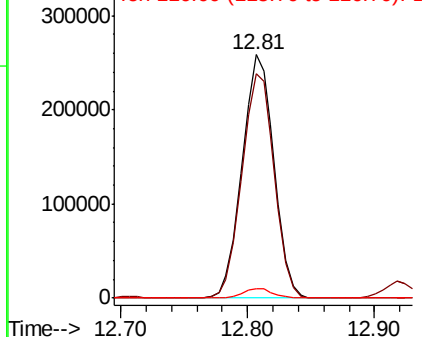


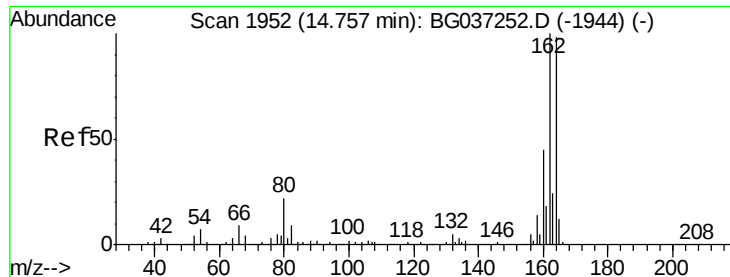
#38
1-Methylnaphthalene
Concen: 46.051 ng
RT: 12.81 min Scan# 1620
Delta R.T. -0.01 min
Lab File: BG037299.D
Acq: 12 Oct 2018 20:17

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.3	75.2	112.8
116	3.8	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: BG037299.D

Acq: 12 Oct 2018 20:17

Instrument :

BNA_G

ClientSampleId :

SOIL-DRUMMSD

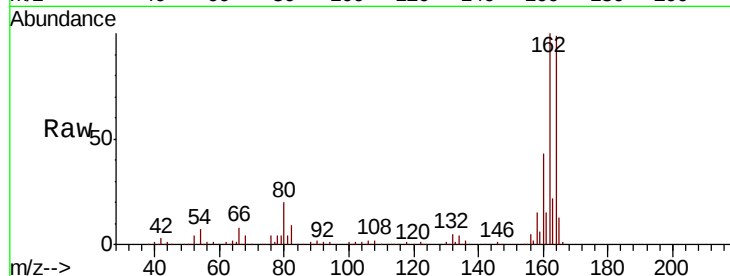
Tgt Ion:164 Resp: 189756

Ion Ratio Lower Upper

164 100

162 101.4 81.3 121.9

160 43.6 36.3 54.5

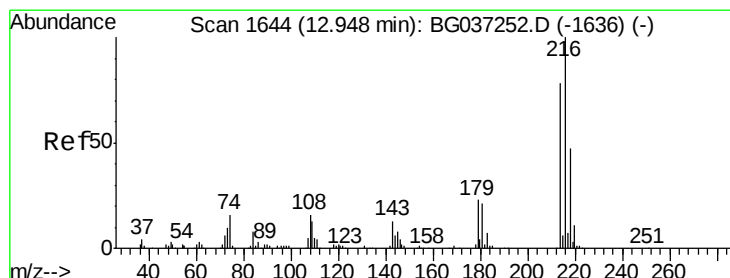
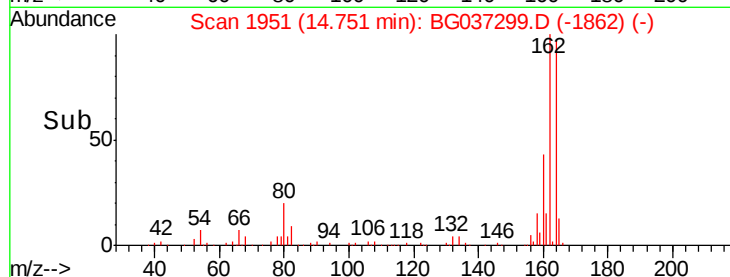
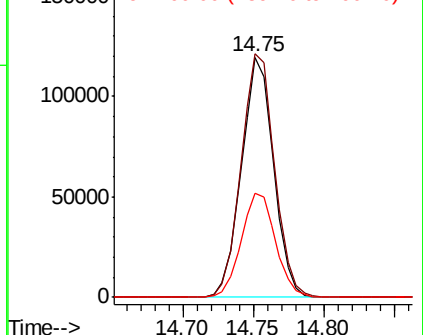


Abundance

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: 39.163 ng

RT: 12.95 min Scan# 1644

Delta R.T. -0.00 min

Lab File: BG037299.D

Acq: 12 Oct 2018 20:17

Tgt Ion:216 Resp: 240662

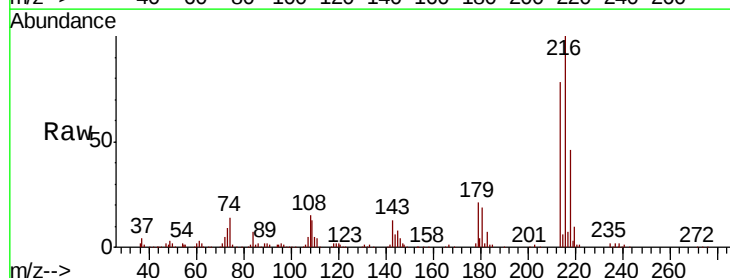
Ion Ratio Lower Upper

216 100

214 78.7 63.8 95.6

179 21.0 17.4 26.0

108 18.5 13.9 20.9



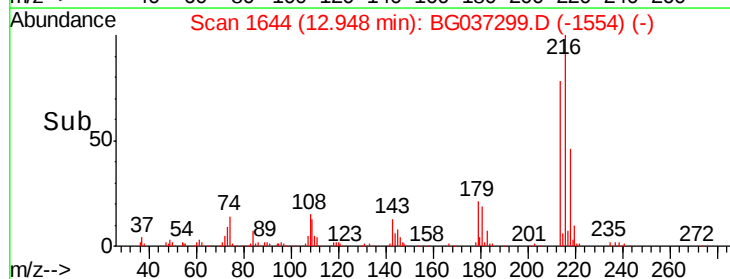
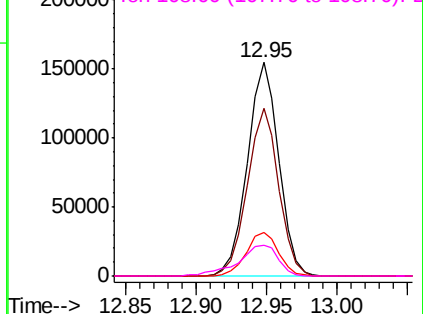
Abundance

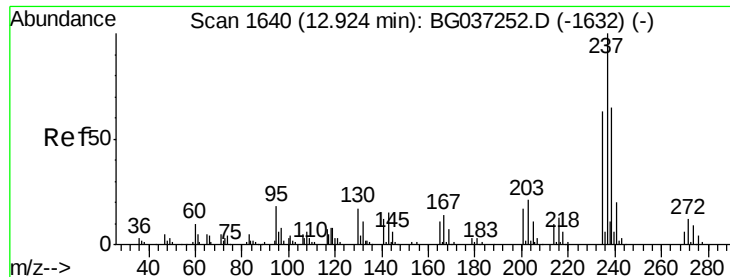
Ion 216.00 (215.70 to 216.70): E

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: 89.324 ng

RT: 12.92 min Scan# 1639

Delta R.T. -0.01 min

Lab File: BG037299.D

Acq: 12 Oct 2018 20:17

Instrument :

BNA_G

ClientSampleId :

SOIL-DRUMMSD

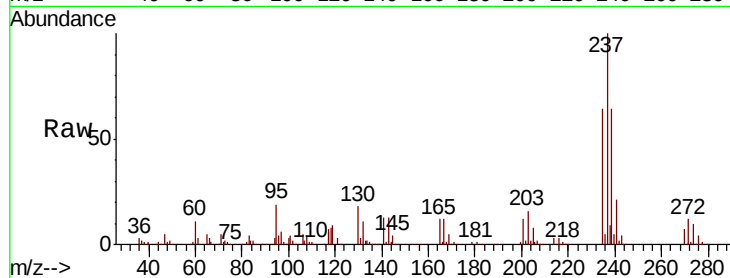
Tgt Ion:237 Resp: 226286

Ion Ratio Lower Upper

237 100

235 64.0 42.5 82.5

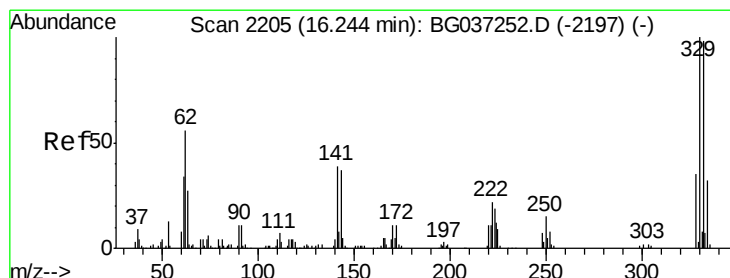
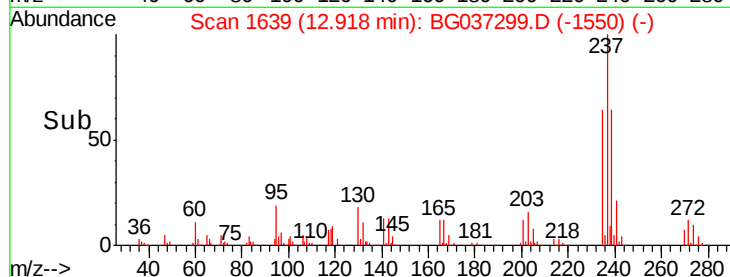
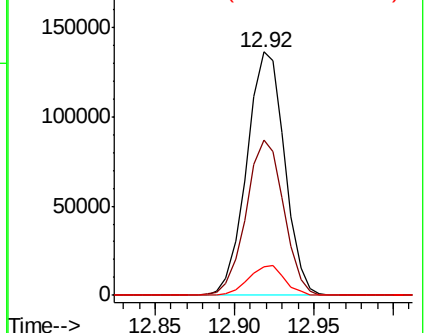
272 11.9 0.0 31.6



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: 138.700 ng

RT: 16.24 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BG037299.D

Acq: 12 Oct 2018 20:17

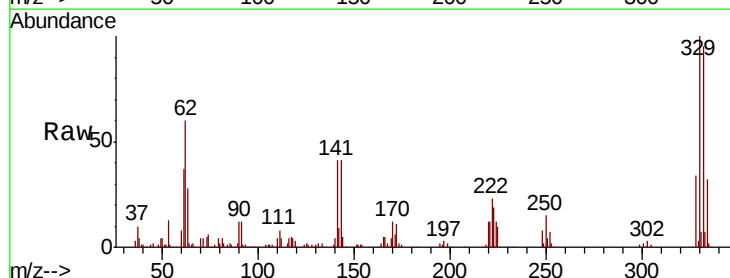
Tgt Ion:330 Resp: 258118

Ion Ratio Lower Upper

330 100

332 96.2 78.4 117.6

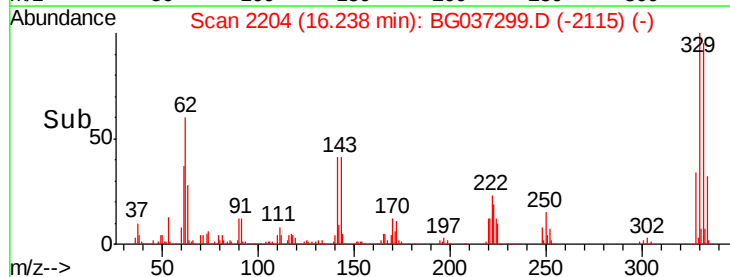
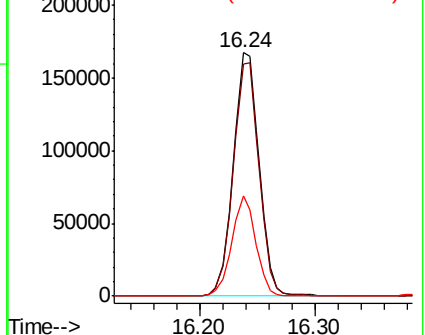
141 38.4 32.2 48.2

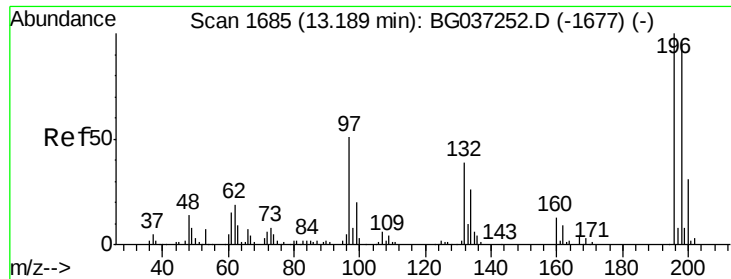


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

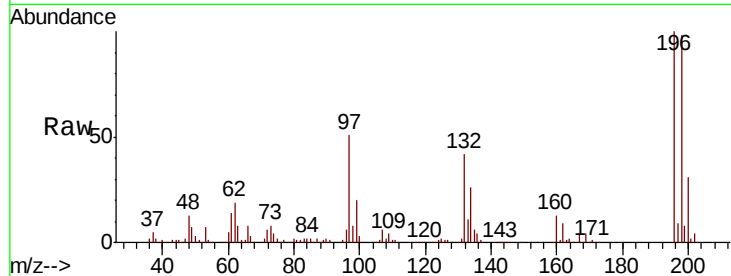




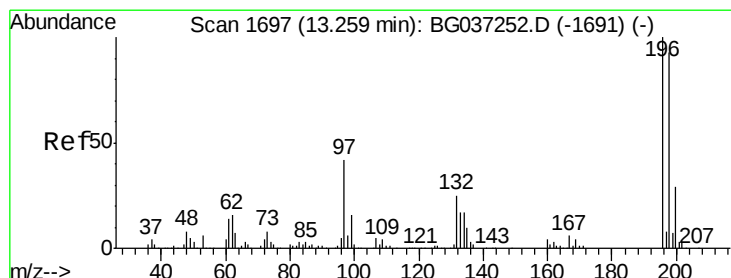
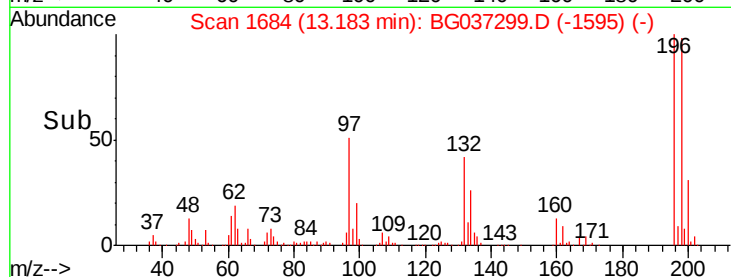
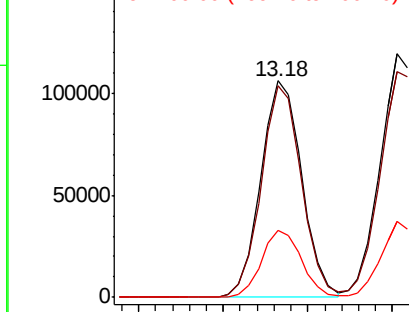
#43
 2,4,6-Trichlorophenol
 Concen: 50.089 ng
 RT: 13.18 min Scan# 1684
 Delta R.T. -0.01 min
 Lab File: BG037299.D
 Acq: 12 Oct 2018 20:17

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-DRUMMSD

Tgt Ion:196 Resp: 178558
 Ion Ratio Lower Upper
 196 100
 198 97.8 76.4 114.6
 200 31.0 24.9 37.3

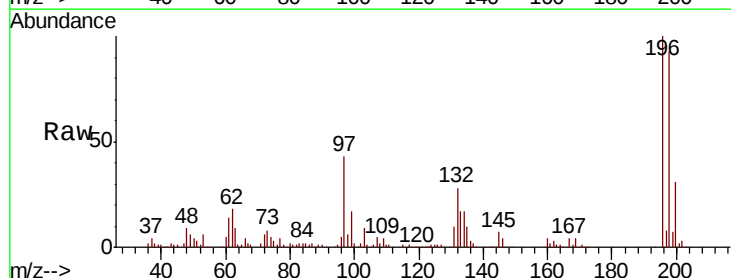


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

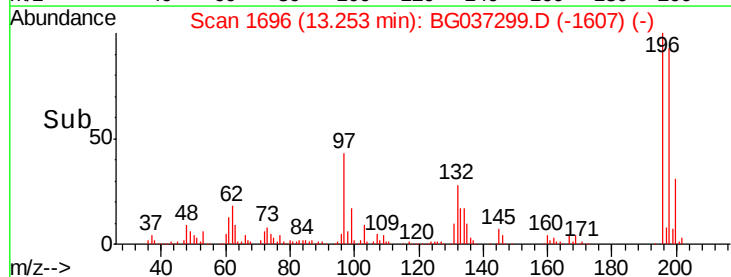
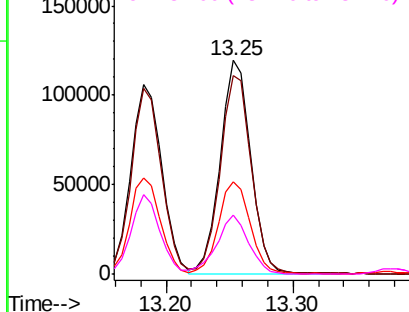


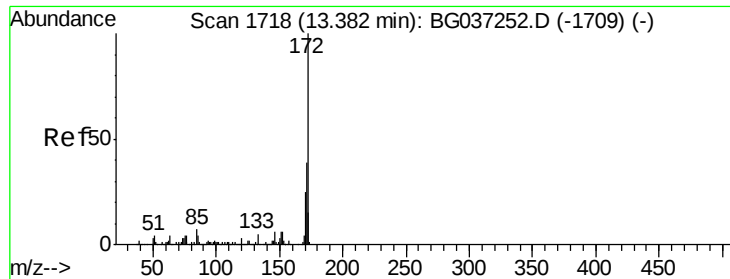
#44
 2,4,5-Trichlorophenol
 Concen: 51.712 ng
 RT: 13.25 min Scan# 1696
 Delta R.T. -0.01 min
 Lab File: BG037299.D
 Acq: 12 Oct 2018 20:17

Tgt Ion:196 Resp: 198346
 Ion Ratio Lower Upper
 196 100
 198 92.7 74.2 111.2
 97 43.4 34.1 51.1
 132 27.5 20.2 30.4



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

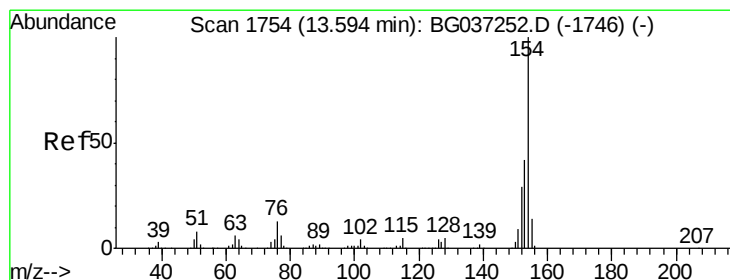
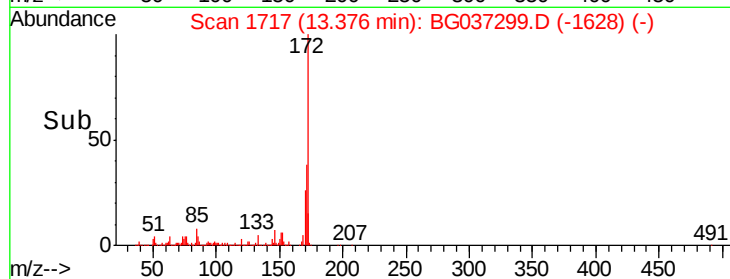
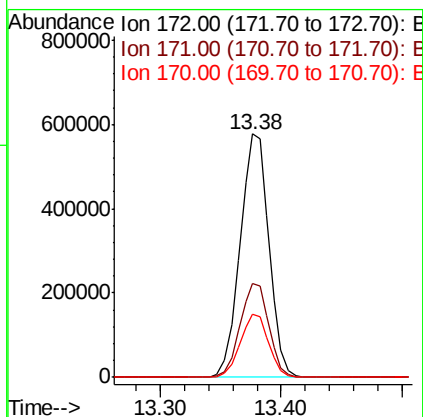
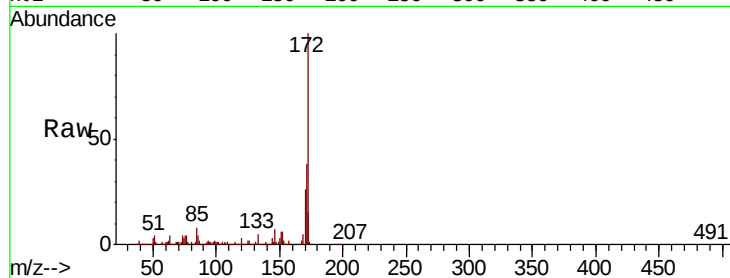




#45
2-Fluorobiphenyl
Concen: 75.671 ng
RT: 13.38 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BG037299.D
Acq: 12 Oct 2018 20:17

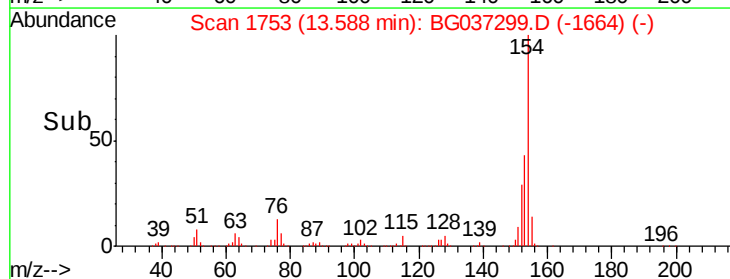
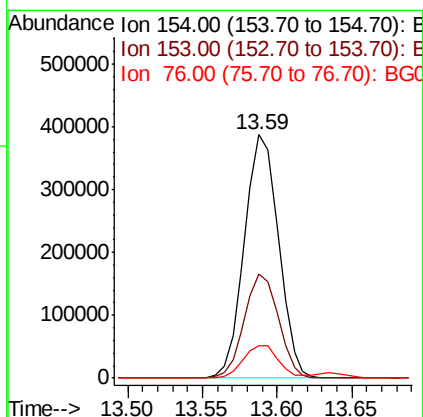
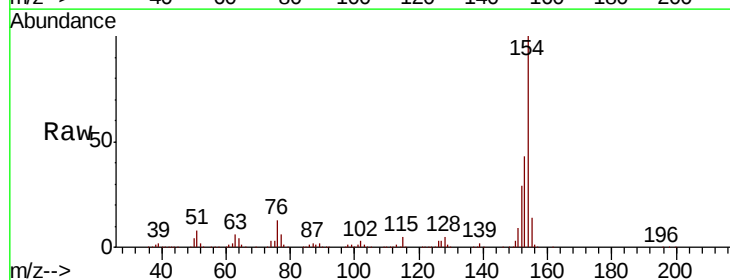
Instrument :
BNA_G
ClientSampleId :
SOIL-DRUMMSD

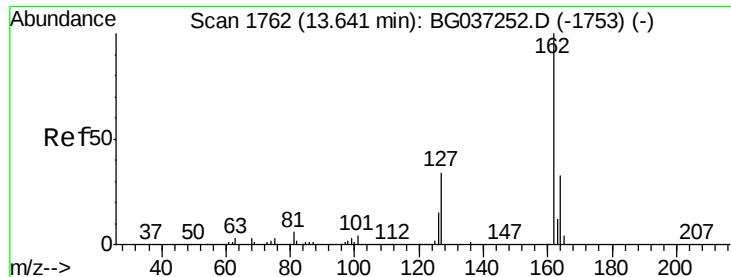
Tgt Ion:172 Resp: 956142
Ion Ratio Lower Upper
172 100
171 38.5 31.0 46.4
170 26.1 20.2 30.2



#46
1,1'-Biphenyl
Concen: 39.345 ng
RT: 13.59 min Scan# 1753
Delta R.T. -0.01 min
Lab File: BG037299.D
Acq: 12 Oct 2018 20:17

Tgt Ion:154 Resp: 614164
Ion Ratio Lower Upper
154 100
153 42.7 22.1 62.1
76 13.2 0.0 33.2

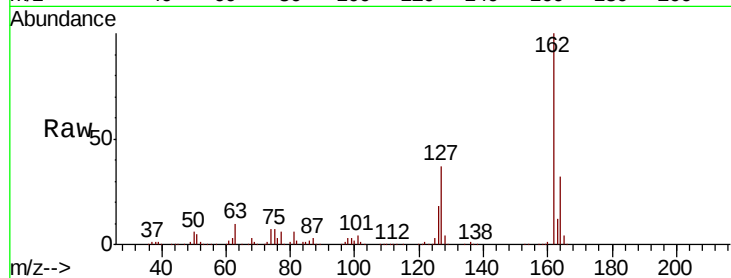




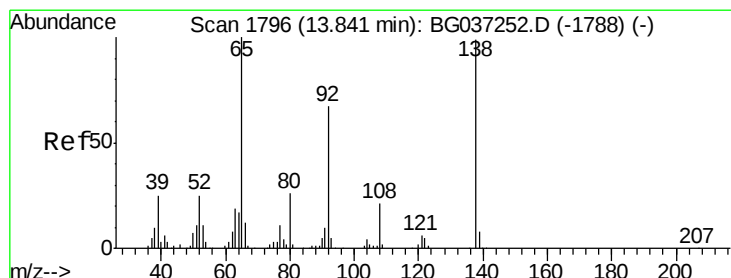
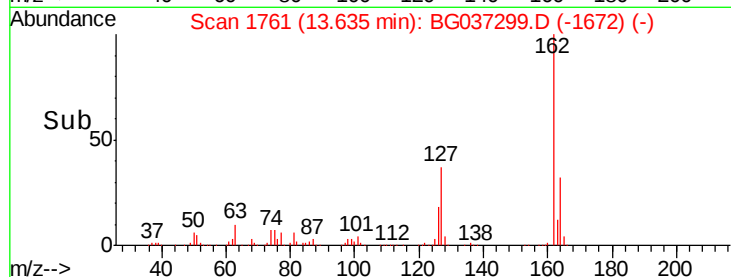
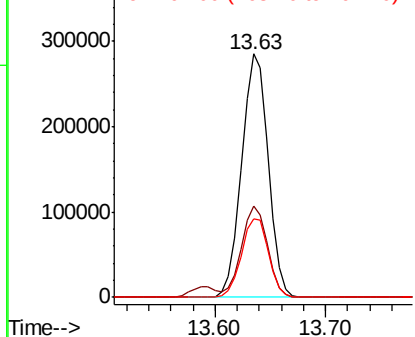
#47
2-Chloronaphthalene
Concen: 40.841 ng
RT: 13.63 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BG037299.D
Acq: 12 Oct 2018 20:17

Instrument :
BNA_G
ClientSampleId :
SOIL-DRUMMSD

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.4	30.5	45.7
164	32.1	26.4	39.6

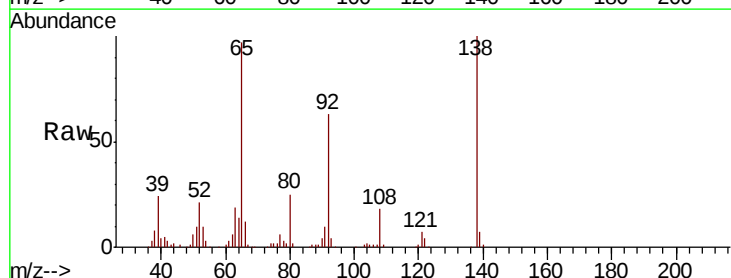


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

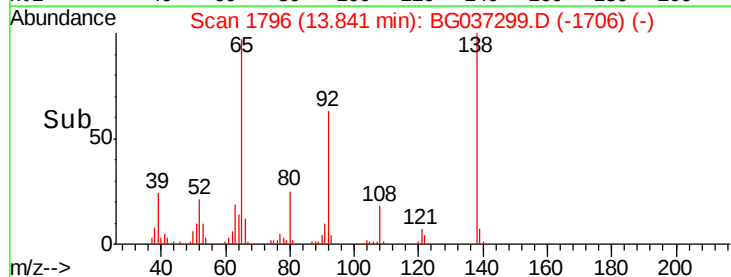
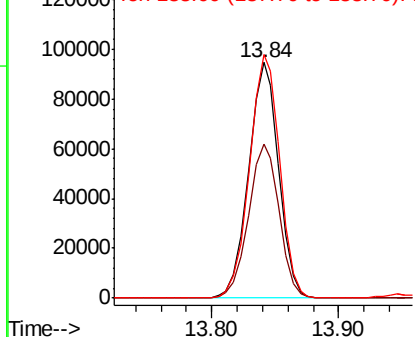


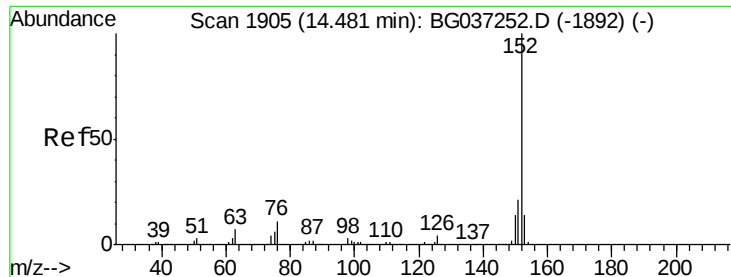
#48
2-Nitroaniline
Concen: 48.633 ng
RT: 13.84 min Scan# 1796
Delta R.T. 0.00 min
Lab File: BG037299.D
Acq: 12 Oct 2018 20:17

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.3	53.2	79.8
138	103.4	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: 44.240 ng

RT: 14.48 min Scan# 1905

Delta R.T. -0.00 min

Lab File: BG037299.D

Acq: 12 Oct 2018 20:17

Instrument :

BNA_G

ClientSampleId :

SOIL-DRUMMSD

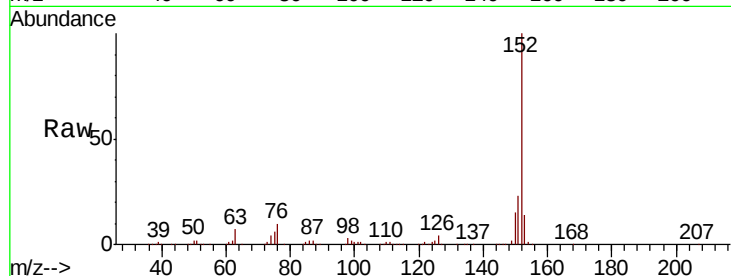
Tgt Ion:152 Resp: 797945

Ion Ratio Lower Upper

152 100

151 22.5 17.1 25.7

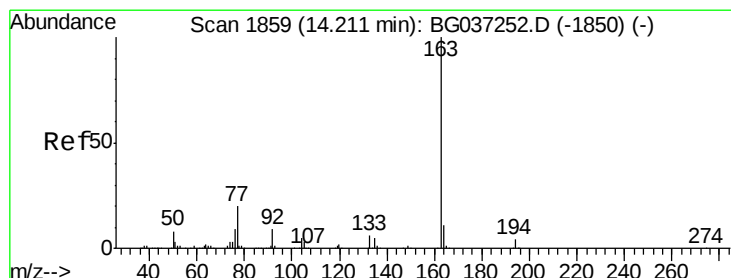
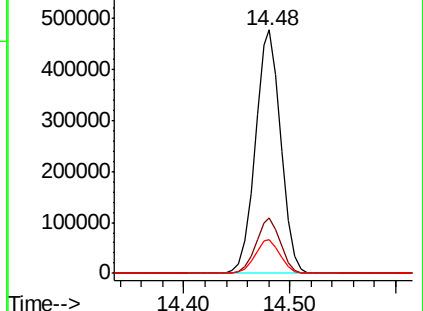
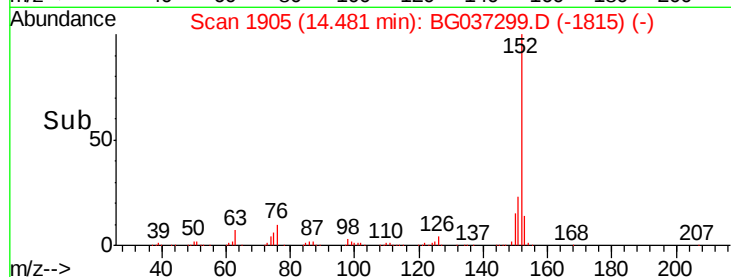
153 13.7 11.1 16.7



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: 44.456 ng

RT: 14.20 min Scan# 1858

Delta R.T. -0.01 min

Lab File: BG037299.D

Acq: 12 Oct 2018 20:17

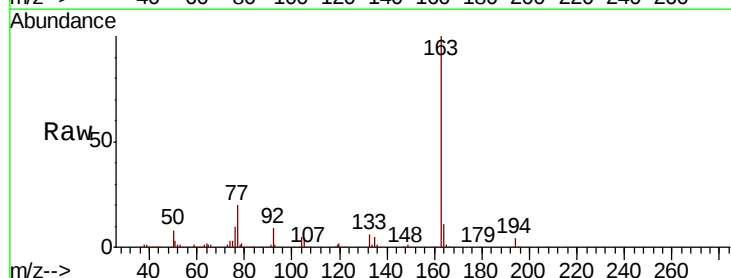
Tgt Ion:163 Resp: 662941

Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

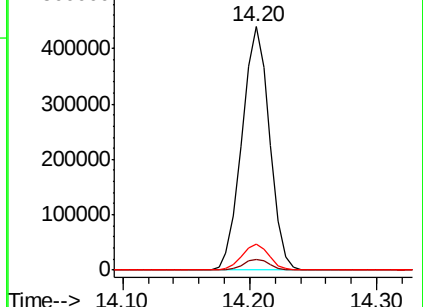
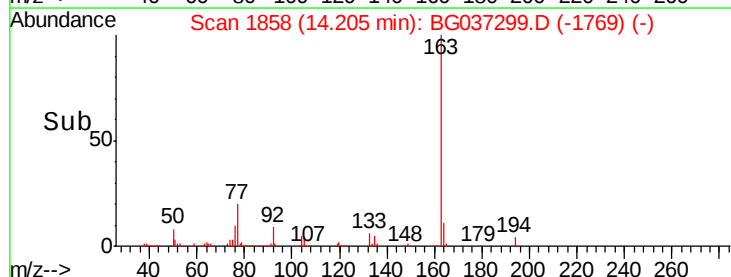
164 10.6 8.5 12.7

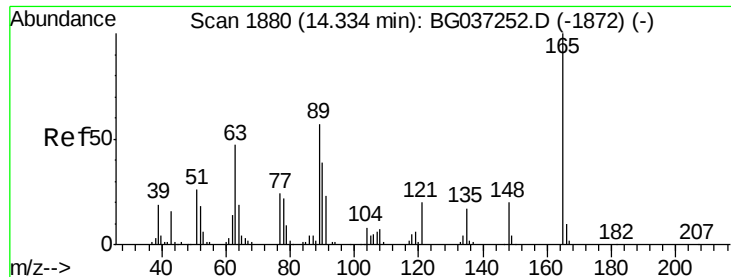


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

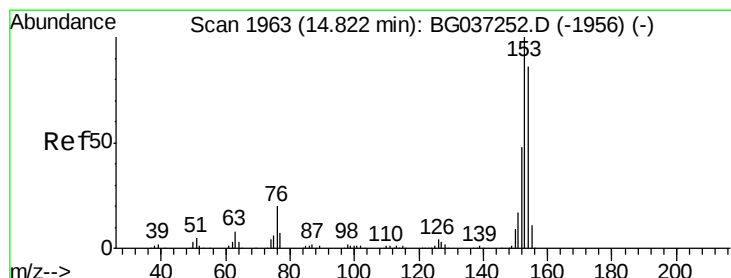
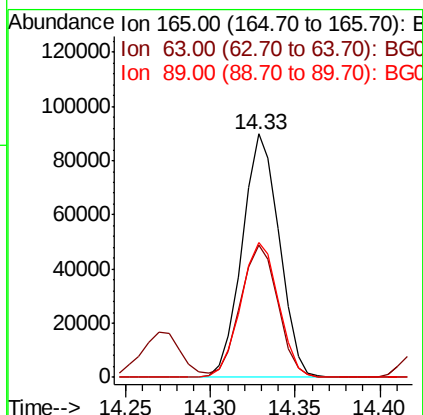
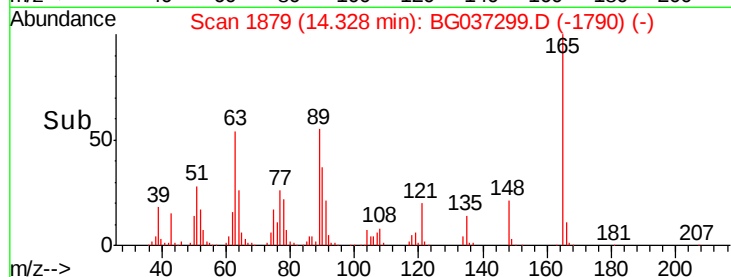
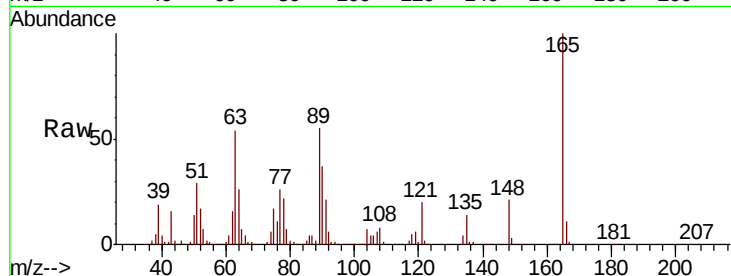




#51
 2,6-Dinitrotoluene
 Concen: 47.467 ng
 RT: 14.33 min Scan# 1879
 Delta R.T. -0.01 min
 Lab File: BG037299.D
 Acq: 12 Oct 2018 20:17

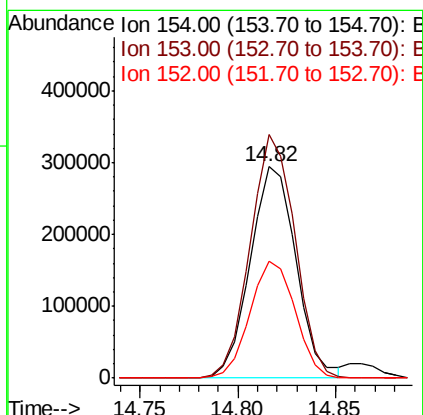
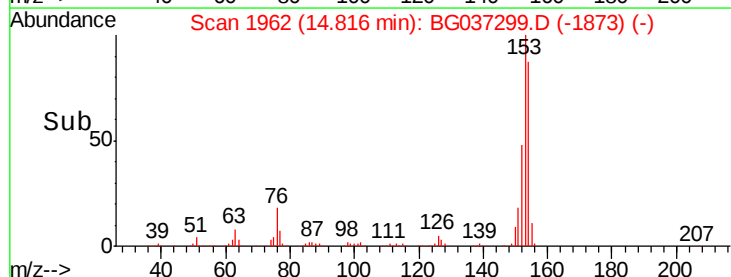
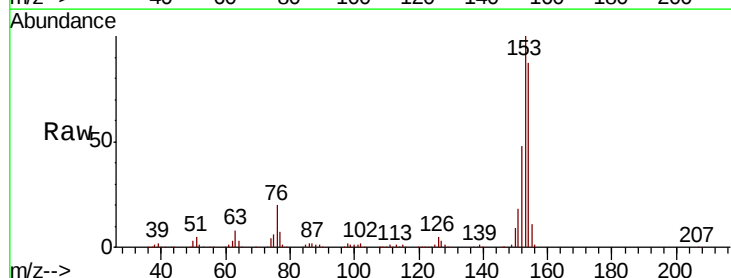
Instrument :
 BNA_G
 ClientSampleId :
 SOIL-DRUMMSD

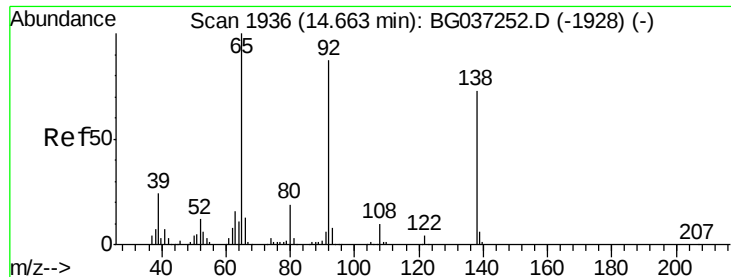
Tgt Ion:165 Resp: 137322
 Ion Ratio Lower Upper
 165 100
 63 54.5 43.4 65.2
 89 55.1 45.8 68.6



#52
 Acenaphthene
 Concen: 42.974 ng
 RT: 14.82 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: BG037299.D
 Acq: 12 Oct 2018 20:17

Tgt Ion:154 Resp: 478778
 Ion Ratio Lower Upper
 154 100
 153 115.2 93.4 140.0
 152 55.4 44.7 67.1

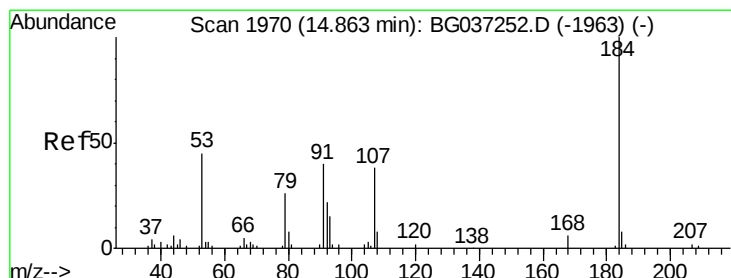
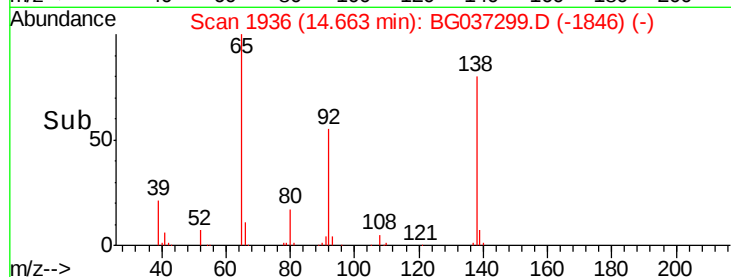
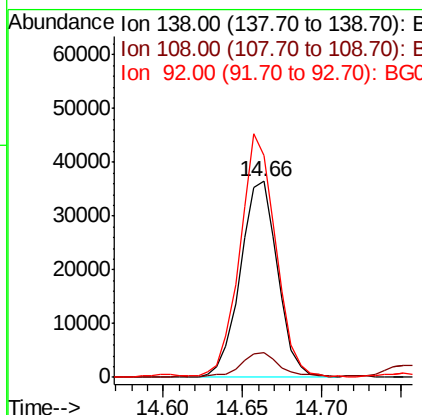
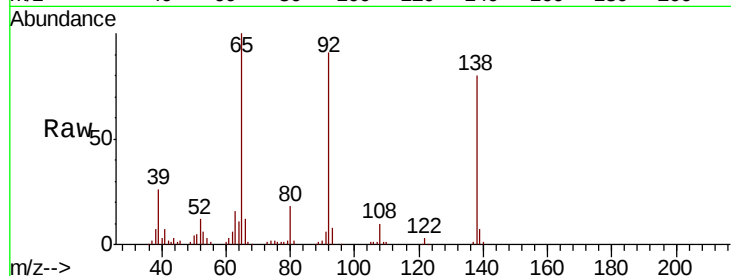




#53
3-Nitroaniline
Concen: 19.132 ng
RT: 14.66 min Scan# 1936
Delta R.T. 0.00 min
Lab File: BG037299.D
Acq: 12 Oct 2018 20:17

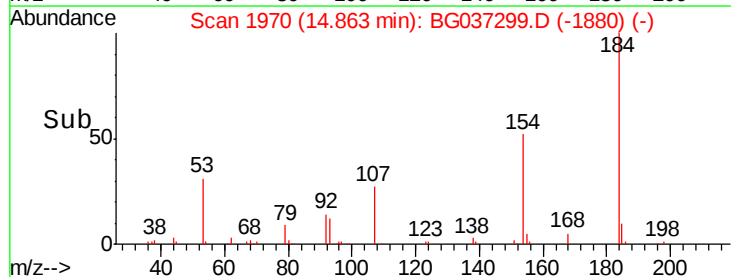
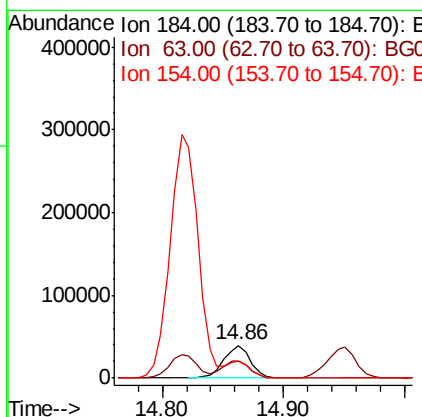
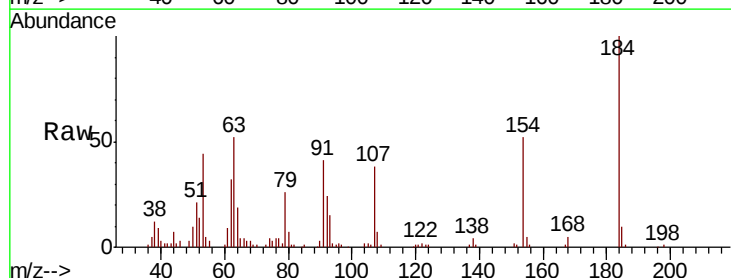
Instrument :
BNA_G
ClientSampleId :
SOIL-DRUMMSD

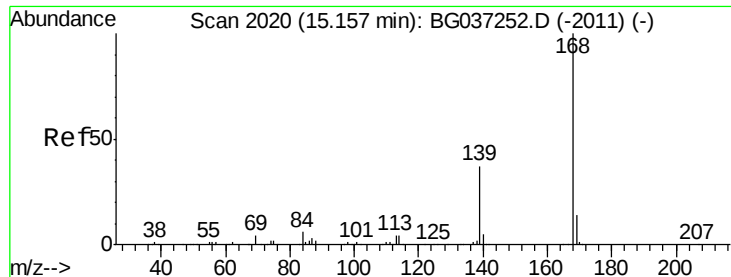
Tgt Ion:138 Resp: 59694
Ion Ratio Lower Upper
138 100
108 12.7 11.0 16.6
92 113.0 95.2 142.8



#54
2,4-Dinitrophenol
Concen: 81.457 ng
RT: 14.86 min Scan# 1970
Delta R.T. -0.00 min
Lab File: BG037299.D
Acq: 12 Oct 2018 20:17

Tgt Ion:184 Resp: 60783
Ion Ratio Lower Upper
184 100
63 52.2 42.6 63.8
154 52.1 41.8 62.6

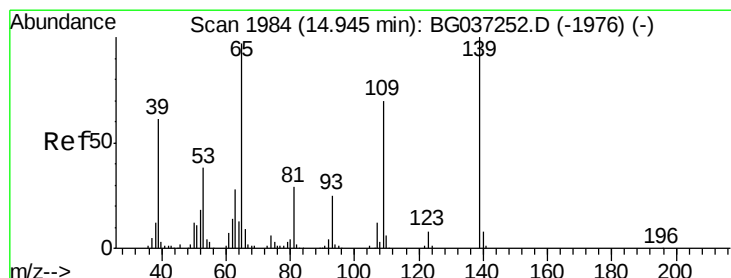
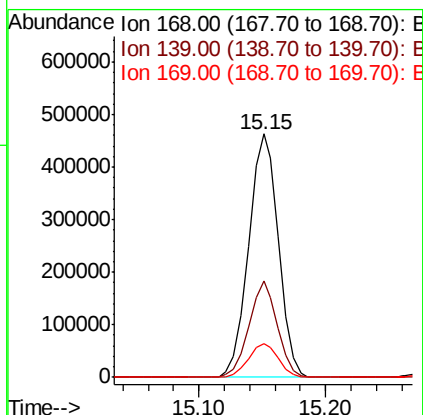
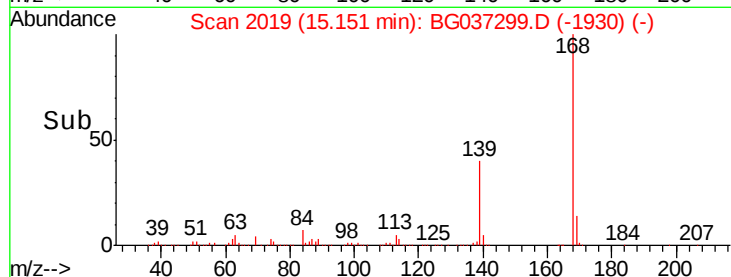
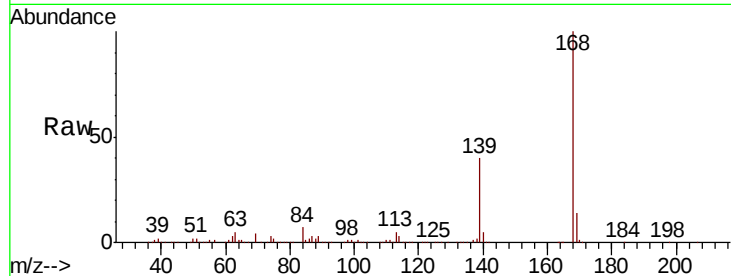




#55
Dibenzenofuran
Concen: 41.575 ng
RT: 15.15 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BG037299.D
Acq: 12 Oct 2018 20:17

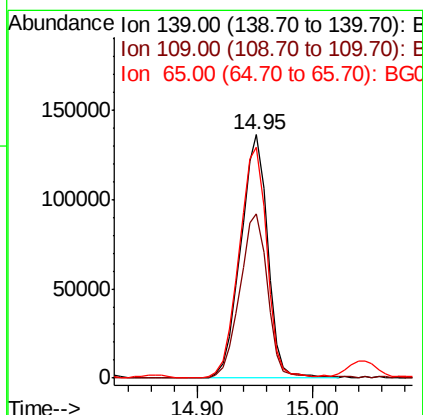
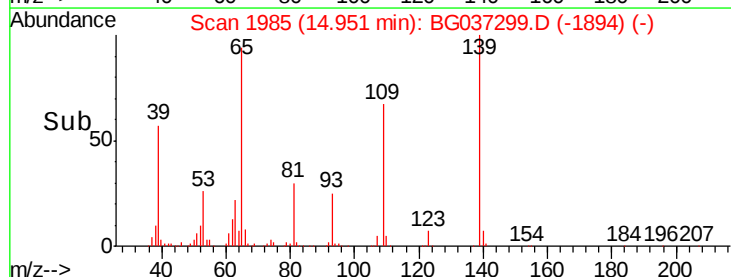
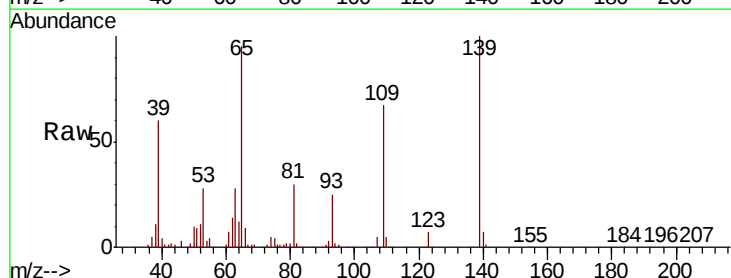
Instrument :
BNA_G
ClientSampleId :
SOIL-DRUMMSD

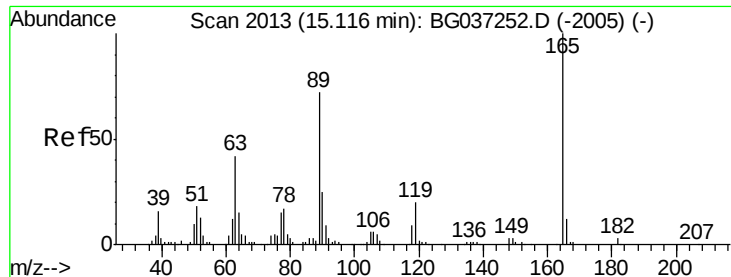
Tgt Ion:168 Resp: 751586
Ion Ratio Lower Upper
168 100
139 39.5 29.4 44.0
169 14.0 11.0 16.6



#56
4-Nitrophenol
Concen: 91.011 ng
RT: 14.95 min Scan# 1985
Delta R.T. 0.01 min
Lab File: BG037299.D
Acq: 12 Oct 2018 20:17

Tgt Ion:139 Resp: 221345
Ion Ratio Lower Upper
139 100
109 67.4 49.5 89.5
65 94.8 76.8 116.8

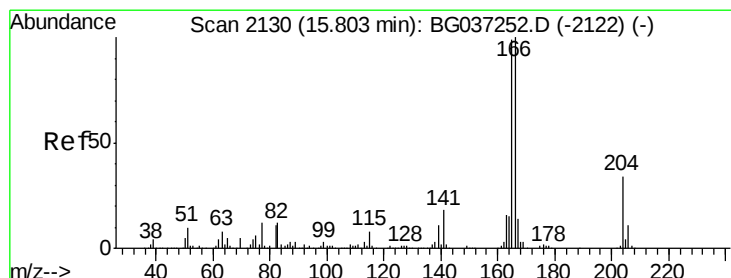
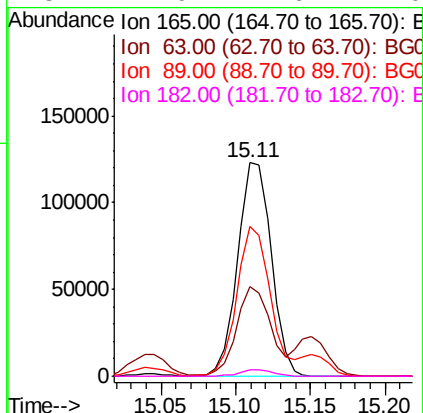
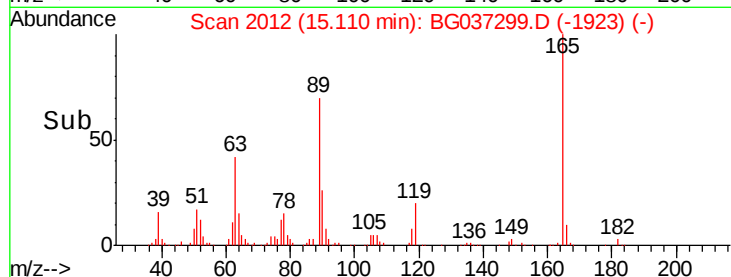
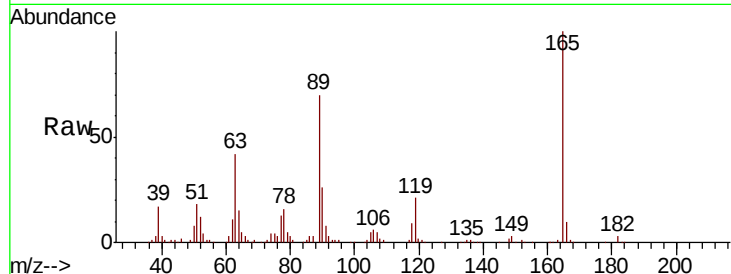




#57
2,4-Dinitrotoluene
Concen: 52.084 ng
RT: 15.11 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BG037299.D
Acq: 12 Oct 2018 20:17

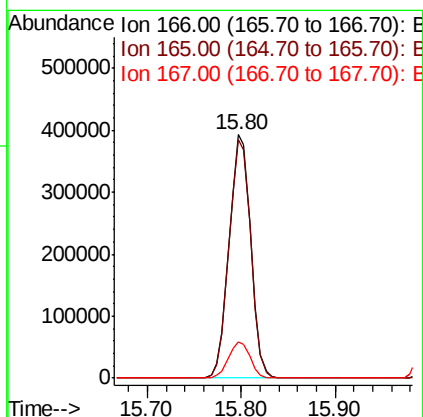
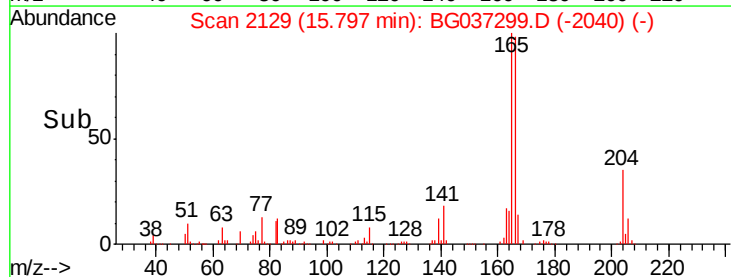
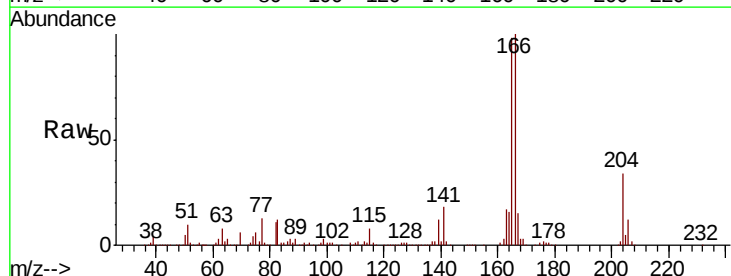
Instrument :
BNA_G
ClientSampleId :
SOIL-DRUMMSD

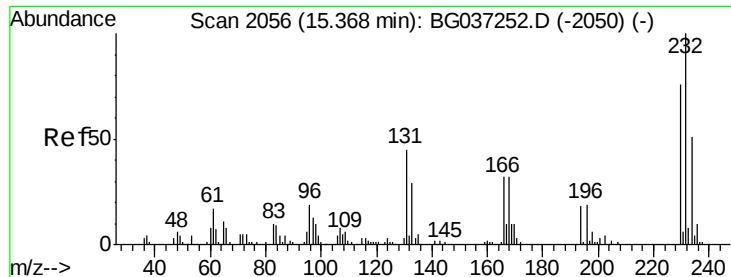
Tgt Ion	Ratio	Lower	Upper
165	100		
63	42.0	33.4	50.0
89	69.9	57.2	85.8
182	2.9	2.6	4.0



#58
Fluorene
Concen: 45.606 ng
RT: 15.80 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BG037299.D
Acq: 12 Oct 2018 20:17

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.9	79.0	118.6
167	14.7	11.3	16.9

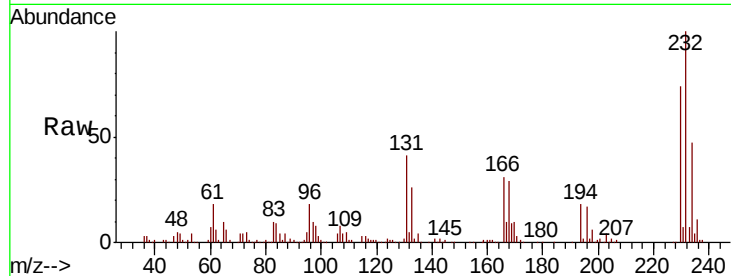




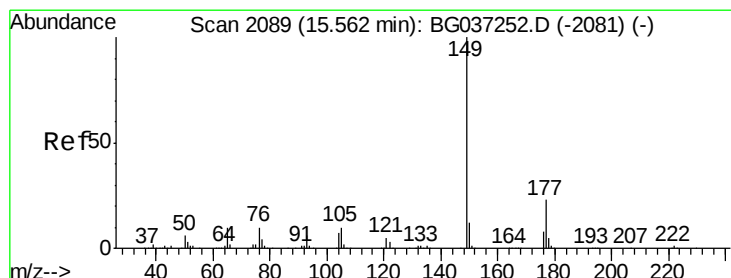
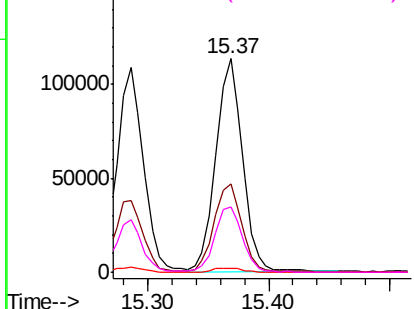
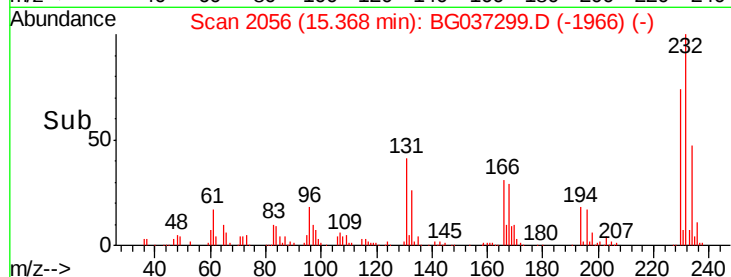
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.988 ng
 RT: 15.37 min Scan# 2056
 Delta R.T. -0.00 min
 Lab File: BG037299.D
 Acq: 12 Oct 2018 20:17

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-DRUMMSD

Tgt Ion: 232 Resp: 173147
 Ion Ratio Lower Upper
 232 100
 131 43.8 33.7 50.5
 130 2.4 2.1 3.1
 166 31.2 24.6 36.8

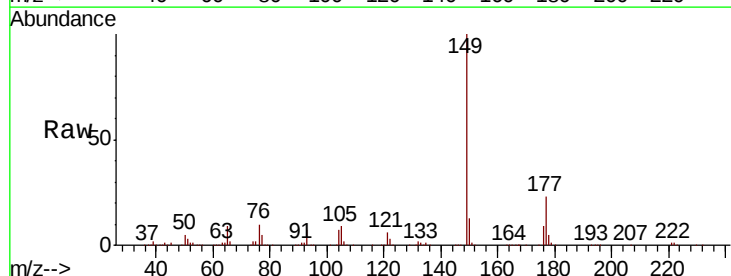


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

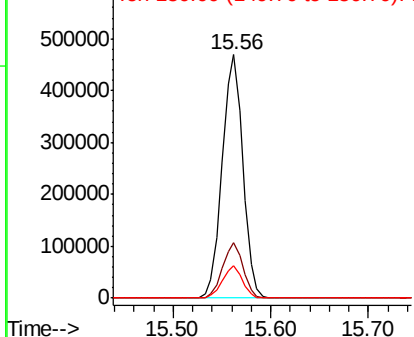
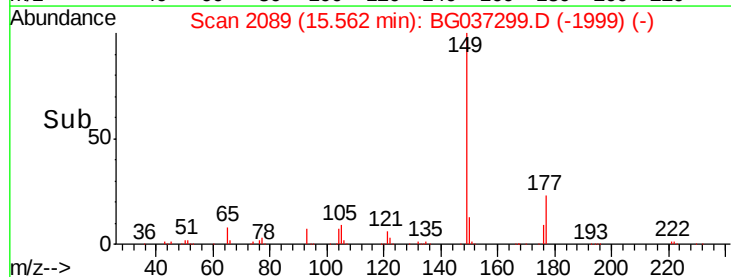


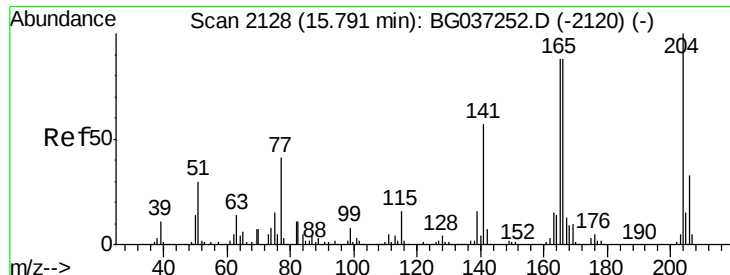
#60
 Diethylphthalate
 Concen: 44.378 ng
 RT: 15.56 min Scan# 2089
 Delta R.T. -0.00 min
 Lab File: BG037299.D
 Acq: 12 Oct 2018 20:17

Tgt Ion: 149 Resp: 685829
 Ion Ratio Lower Upper
 149 100
 177 22.9 18.3 27.5
 150 13.3 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

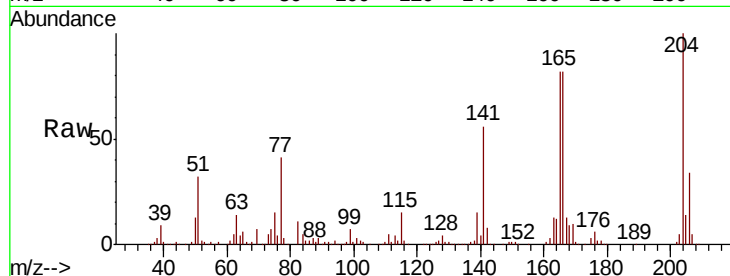




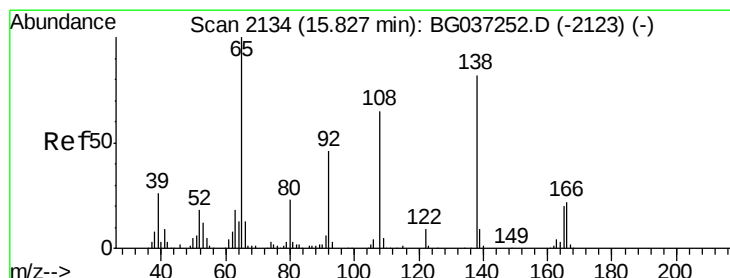
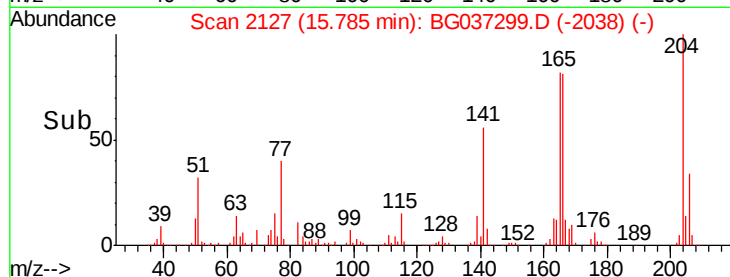
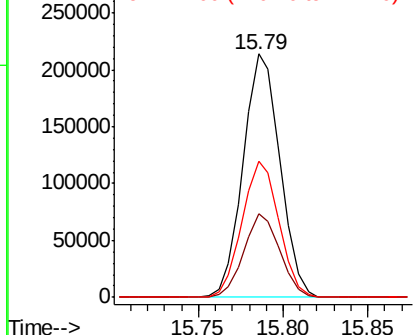
#61
4-Chlorophenyl-phenylether
Concen: 40.637 ng
RT: 15.79 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BG037299.D
Acq: 12 Oct 2018 20:17

Instrument :
BNA_G
ClientSampleId :
SOIL-DRUMMSD

Tgt Ion:204 Resp: 324764
Ion Ratio Lower Upper
204 100
206 34.3 26.6 39.8
141 55.9 45.4 68.2

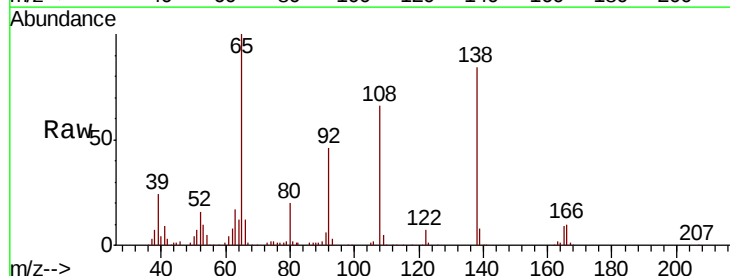


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

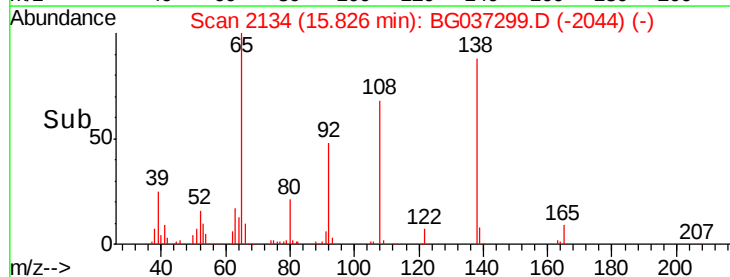
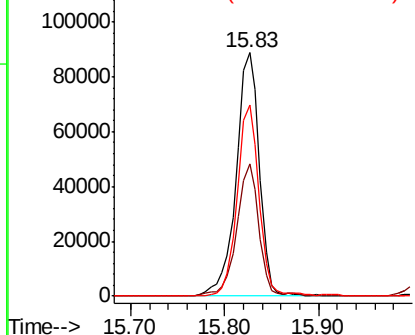


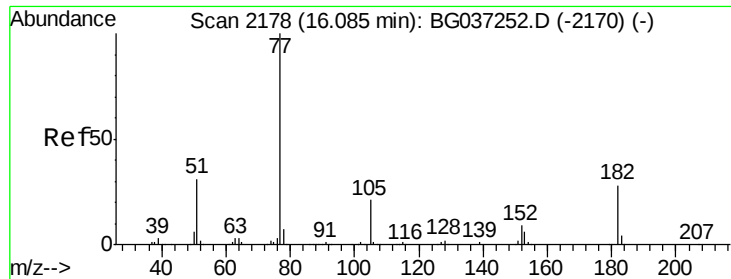
#62
4-Nitroaniline
Concen: 46.487 ng
RT: 15.83 min Scan# 2134
Delta R.T. 0.00 min
Lab File: BG037299.D
Acq: 12 Oct 2018 20:17

Tgt Ion:138 Resp: 152238
Ion Ratio Lower Upper
138 100
92 54.2 36.4 76.4
108 78.6 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

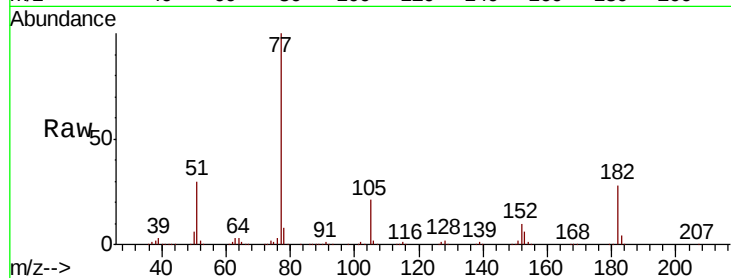




#63
Azobenzene
Concen: 42.241 ng
RT: 16.08 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BG037299.D
Acq: 12 Oct 2018 20:17

Instrument :
BNA_G
ClientSampleId :
SOIL-DRUMMSD

Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.1	8.0	48.0
105	21.2	1.3	41.3
51	30.3	10.7	50.7



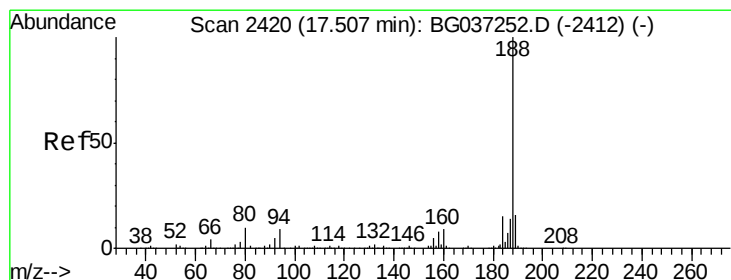
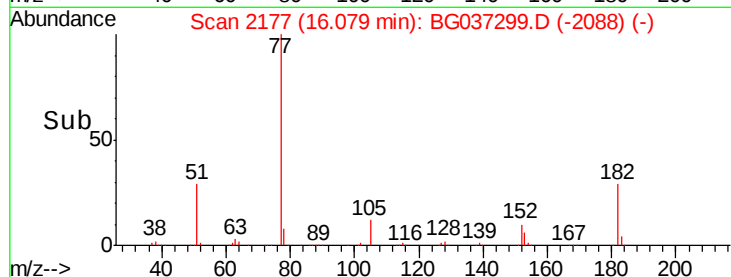
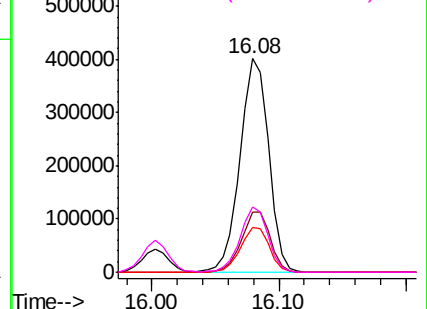
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

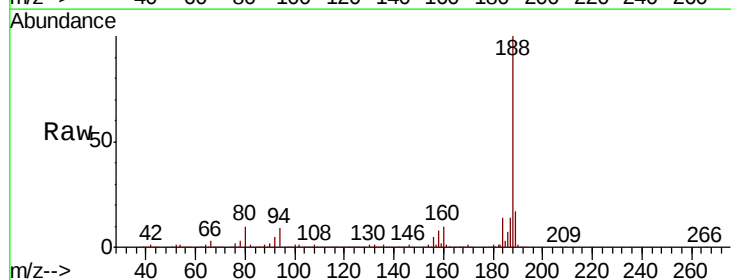
Ion 105.00 (104.70 to 105.70): BGC

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: BG037299.D
Acq: 12 Oct 2018 20:17

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.2	10.8
80	10.2	7.7	11.5

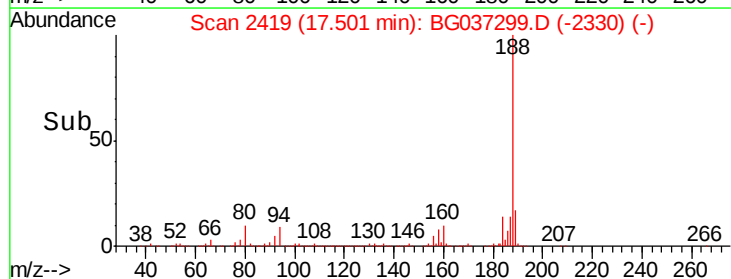
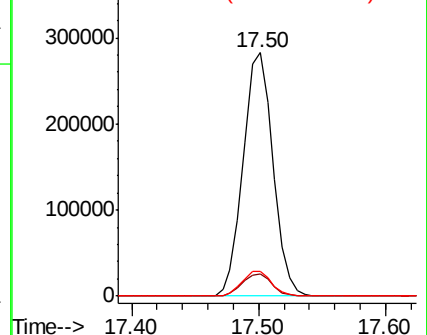


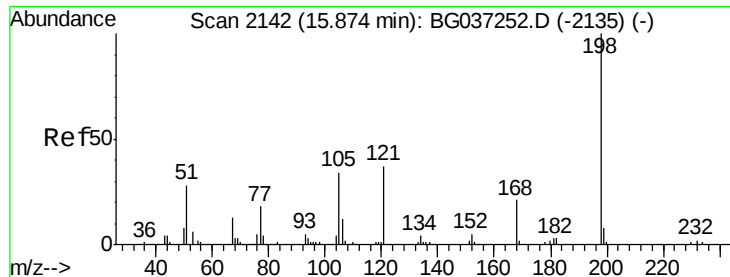
Abundance

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

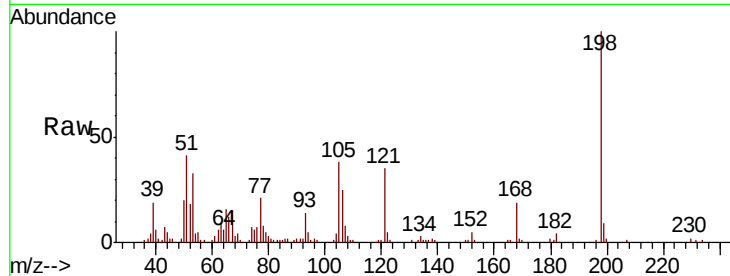




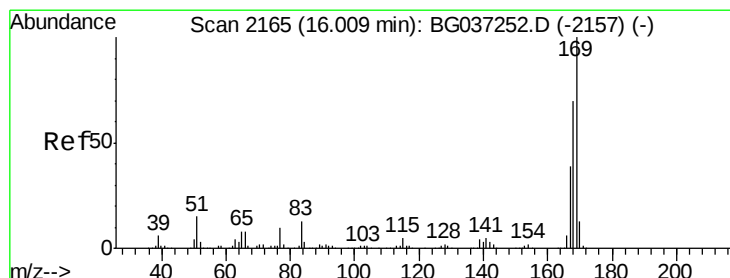
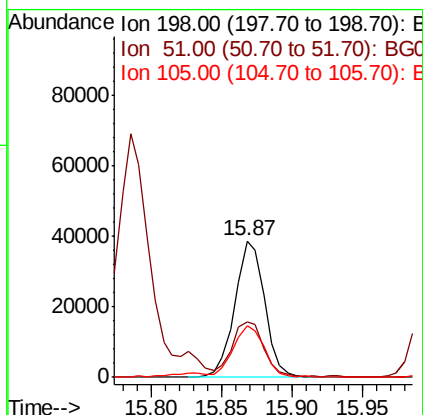
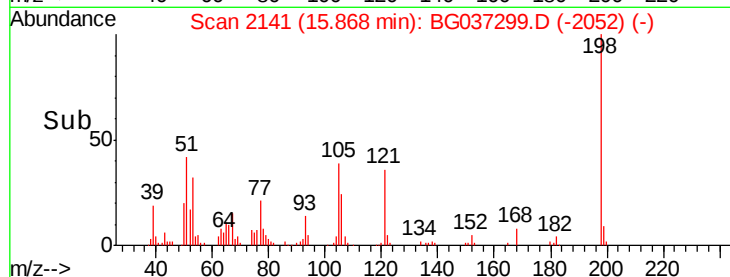
#65
 4,6-Dinitro-2-methylphenol
 Concen: 40.463 ng
 RT: 15.87 min Scan# 2141
 Delta R.T. -0.01 min
 Lab File: BG037299.D
 Acq: 12 Oct 2018 20:17

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-DRUMMSD

Tgt Ion:198 Resp: 56783
 Ion Ratio Lower Upper
 198 100
 51 41.2 22.7 62.7
 105 38.4 19.7 59.7

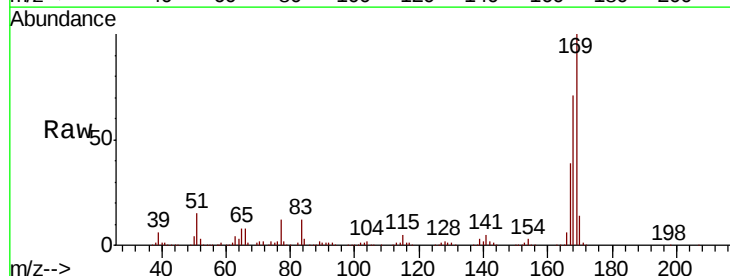


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

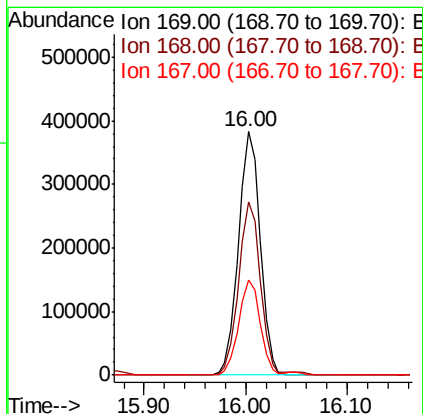
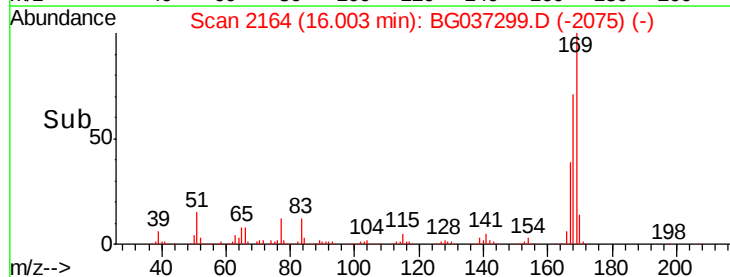


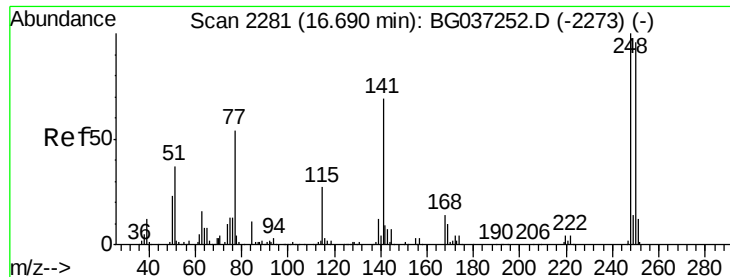
#66
 n-Nitrosodiphenylamine
 Concen: 42.319 ng
 RT: 16.00 min Scan# 2164
 Delta R.T. -0.01 min
 Lab File: BG037299.D
 Acq: 12 Oct 2018 20:17

Tgt Ion:169 Resp: 572263
 Ion Ratio Lower Upper
 169 100
 168 71.1 55.7 83.5
 167 39.2 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

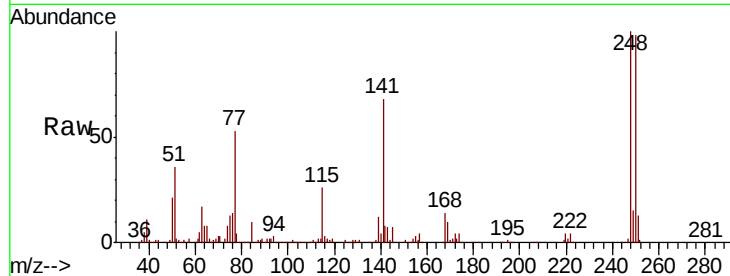




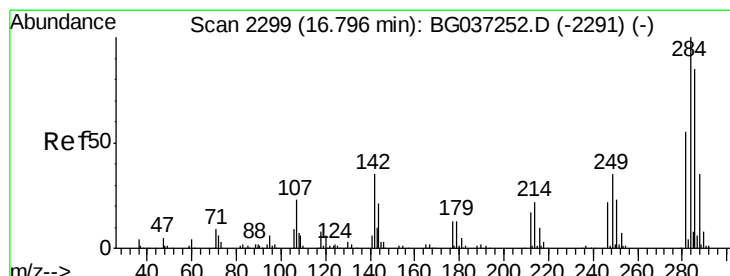
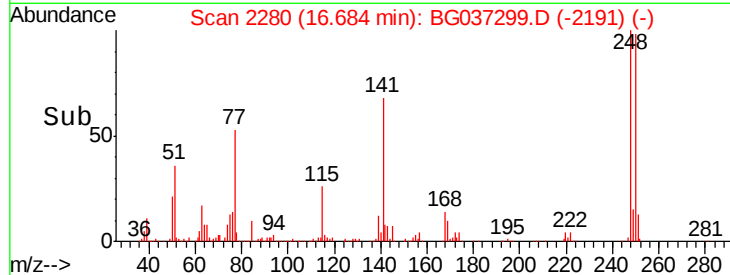
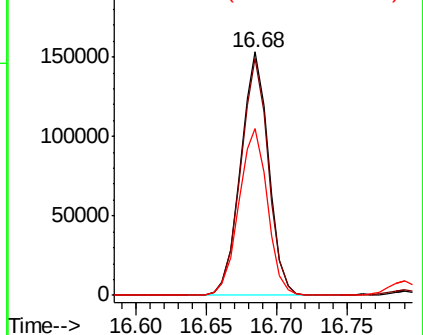
#67
4-Bromophenyl-phenylether
Concen: 42.431 ng
RT: 16.68 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BG037299.D
Acq: 12 Oct 2018 20:17

Instrument :
BNA_G
ClientSampleId :
SOIL-DRUMMSD

Tgt Ion:248 Resp: 210867
Ion Ratio Lower Upper
248 100
250 97.7 77.0 115.6
141 68.3 55.5 83.3

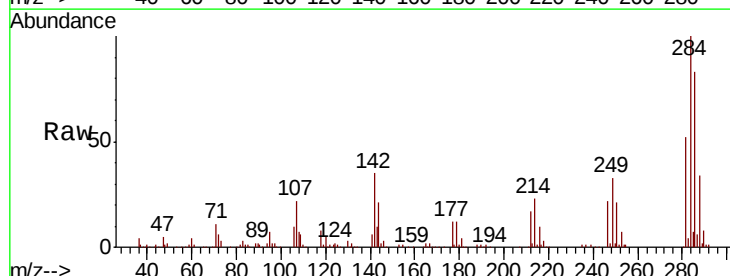


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

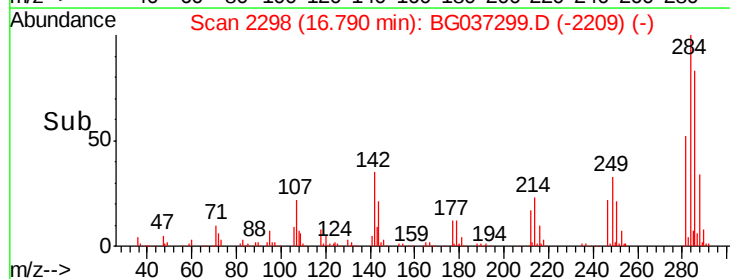
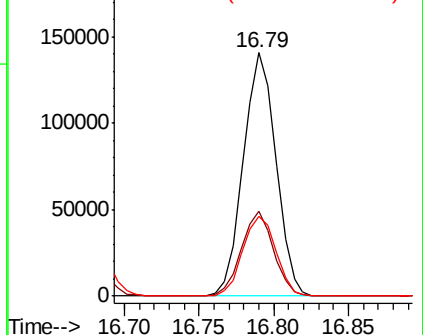


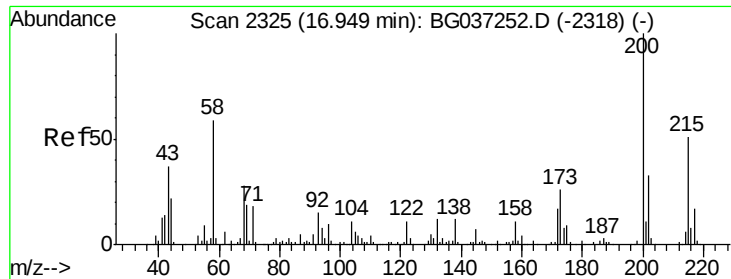
#68
Hexachlorobenzene
Concen: 41.278 ng
RT: 16.79 min Scan# 2298
Delta R.T. -0.01 min
Lab File: BG037299.D
Acq: 12 Oct 2018 20:17

Tgt Ion:284 Resp: 212690
Ion Ratio Lower Upper
284 100
142 34.8 28.1 42.1
249 35.5 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

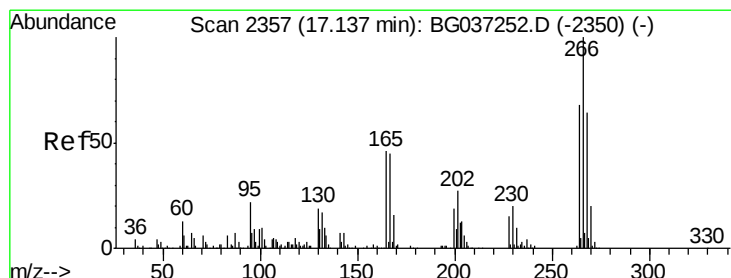
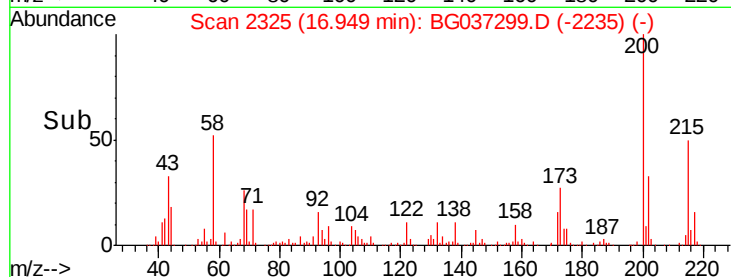
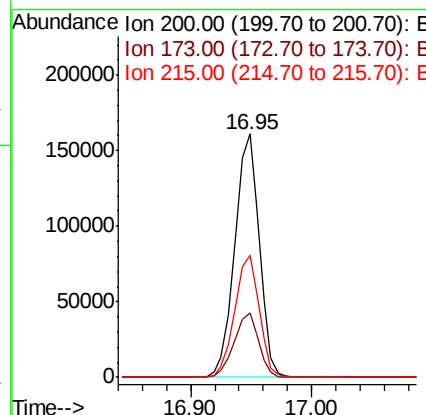
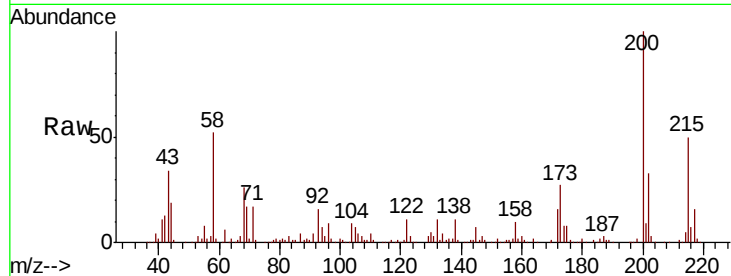




#69
 Atrazine
 Concen: 45.253 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.00 min
 Lab File: BG037299.D
 Acq: 12 Oct 2018 20:17

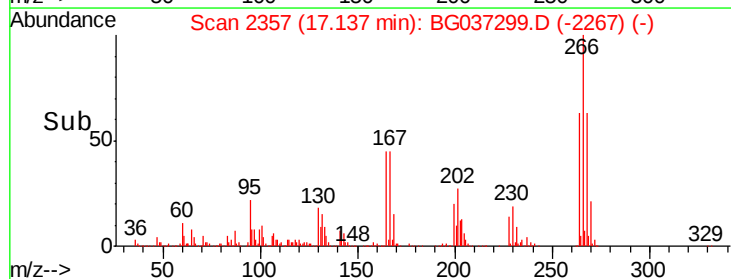
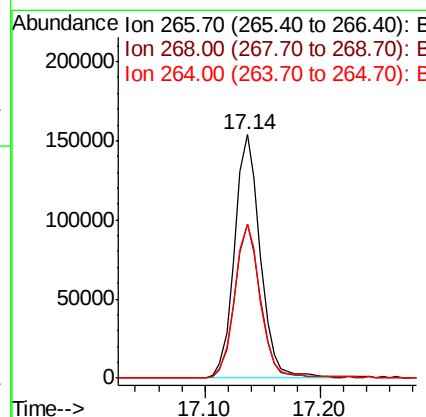
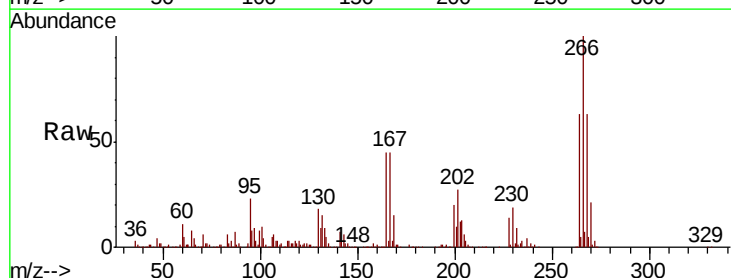
Instrument :
 BNA_G
 ClientSampleId :
 SOIL-DRUMMSD

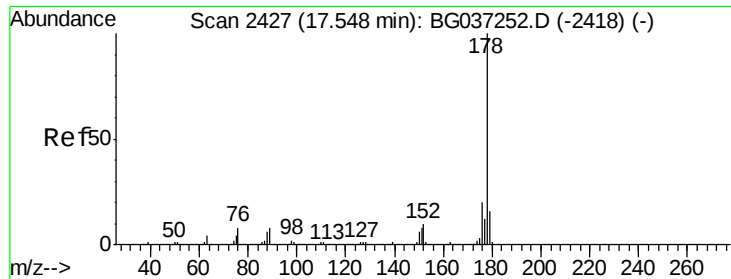
Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.6	6.1	46.1
215	50.2	30.8	70.8



#70
 Pentachlorophenol
 Concen: 71.672 ng
 RT: 17.14 min Scan# 2357
 Delta R.T. 0.00 min
 Lab File: BG037299.D
 Acq: 12 Oct 2018 20:17

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.9	55.0	82.6
264	68.2	58.9	88.3

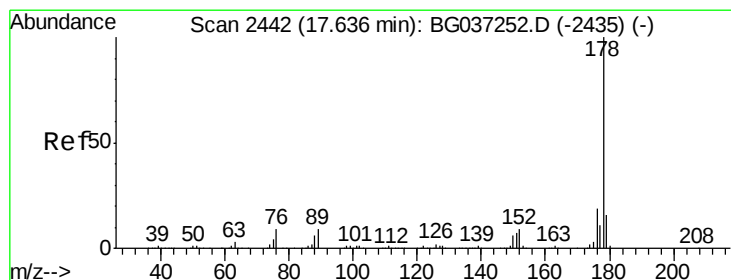
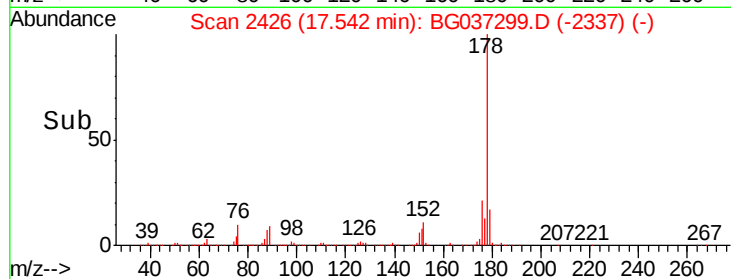
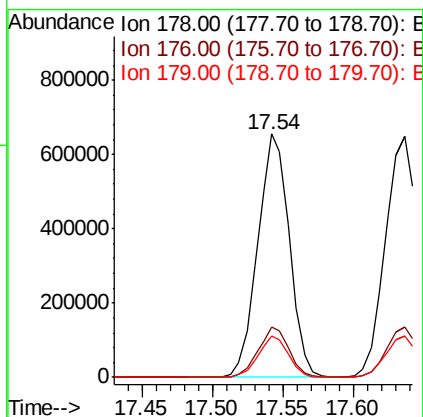
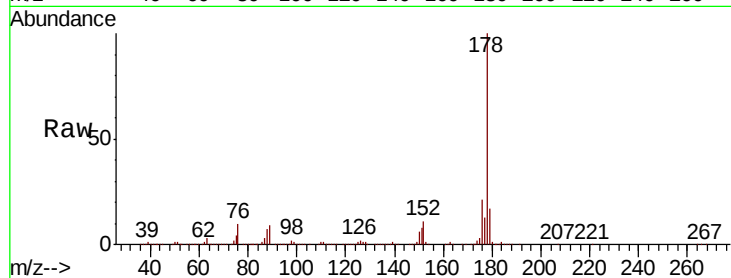




#71
Phenanthrene
Concen: 43.956 ng
RT: 17.54 min Scan# 2426
Delta R.T. -0.01 min
Lab File: BG037299.D
Acq: 12 Oct 2018 20:17

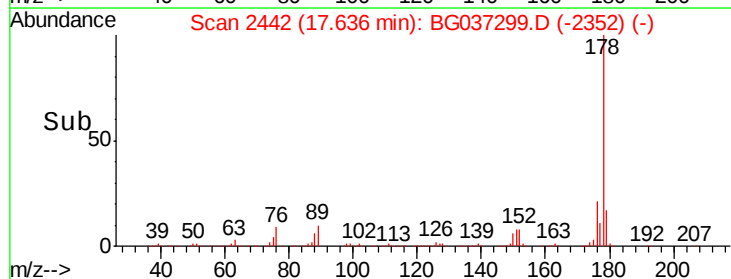
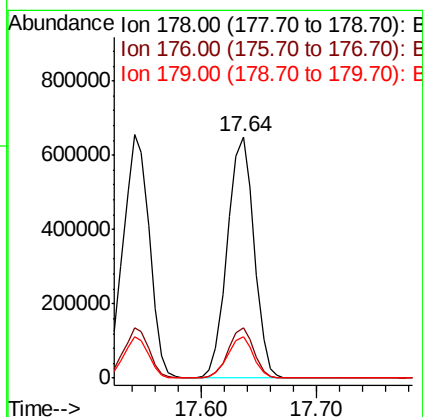
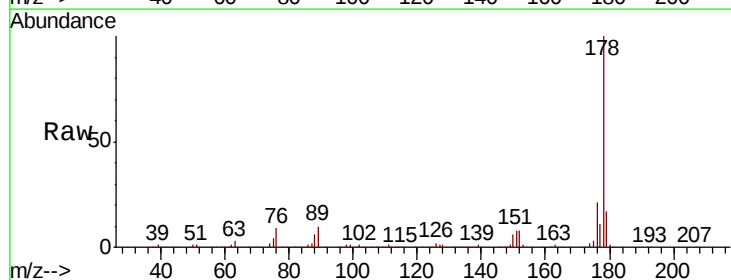
Instrument :
BNA_G
ClientSampleId :
SOIL-DRUMMSD

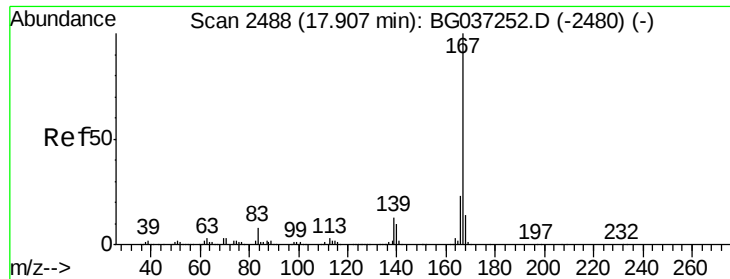
Tgt Ion:178 Resp: 1030328
Ion Ratio Lower Upper
178 100
176 20.7 16.1 24.1
179 17.1 13.0 19.4



#72
Anthracene
Concen: 45.337 ng
RT: 17.64 min Scan# 2442
Delta R.T. -0.00 min
Lab File: BG037299.D
Acq: 12 Oct 2018 20:17

Tgt Ion:178 Resp: 1040160
Ion Ratio Lower Upper
178 100
176 20.7 15.0 22.4
179 17.2 12.8 19.2





#73

Carbazole

Concen: 40.789 ng

RT: 17.91 min Scan# 2488

Delta R.T. -0.00 min

Lab File: BG037299.D

Acq: 12 Oct 2018 20:17

Instrument :

BNA_G

ClientSampleId :

SOIL-DRUMMSD

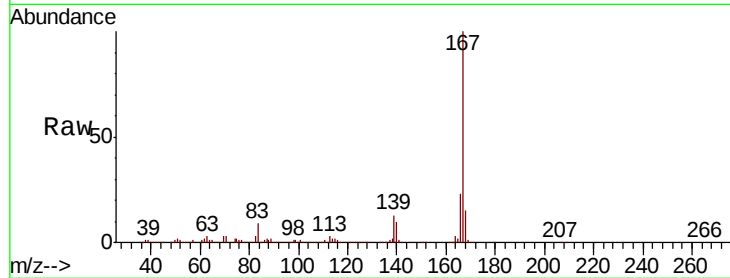
Tgt Ion:167 Resp: 964218

Ion Ratio Lower Upper

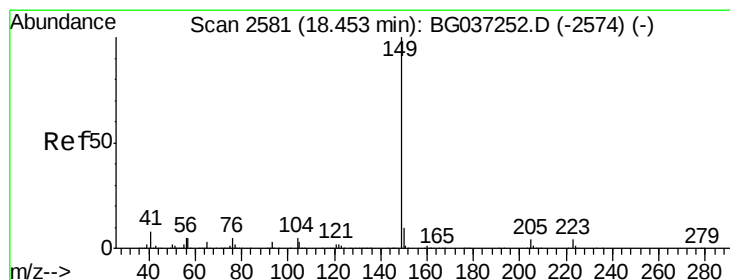
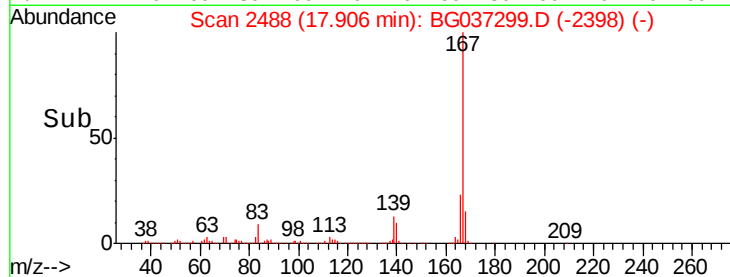
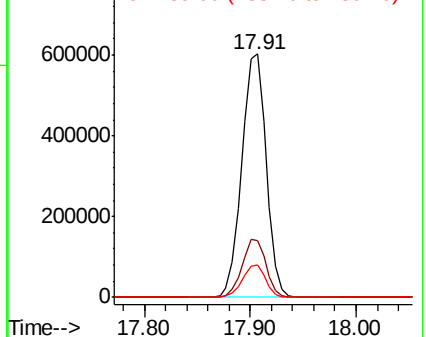
167 100

166 23.5 18.3 27.5

139 13.1 10.5 15.7



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 45.134 ng

RT: 18.45 min Scan# 2580

Delta R.T. -0.01 min

Lab File: BG037299.D

Acq: 12 Oct 2018 20:17

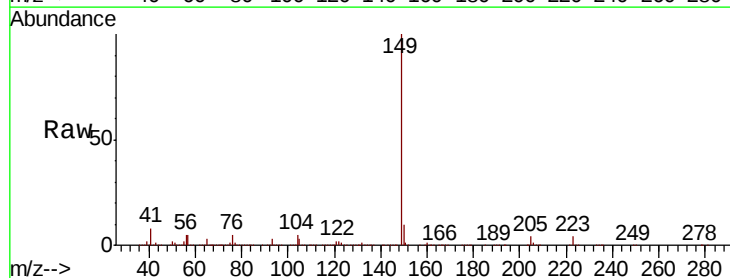
Tgt Ion:149 Resp: 1143529

Ion Ratio Lower Upper

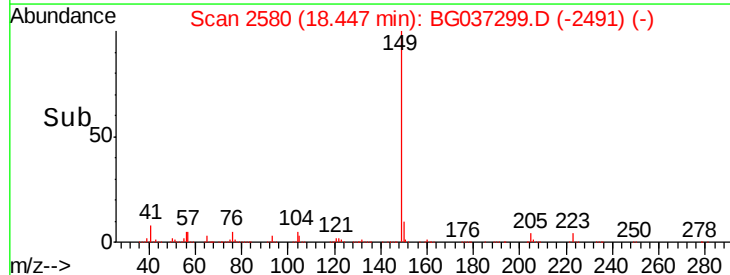
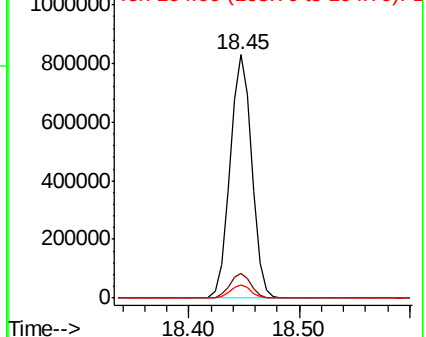
149 100

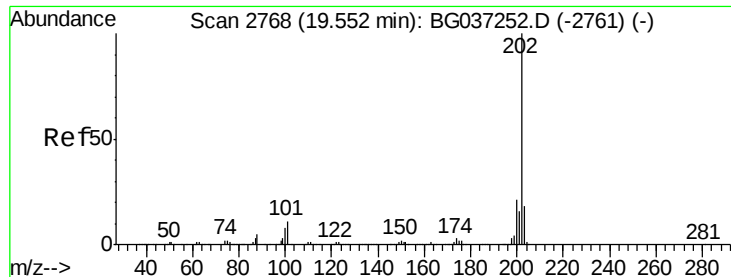
150 10.4 8.2 12.2

104 5.4 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 43.464 ng

RT: 19.55 min Scan# 2767

Delta R.T. -0.01 min

Lab File: BG037299.D

Acq: 12 Oct 2018 20:17

Instrument :

BNA_G

ClientSampleId :

SOIL-DRUMMSD

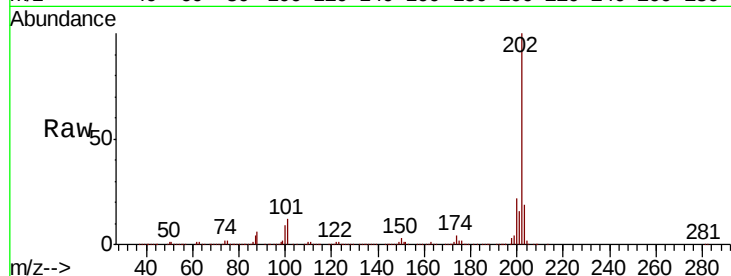
Tgt Ion:202 Resp: 1190732

Ion Ratio Lower Upper

202 100

101 11.5 0.0 30.7

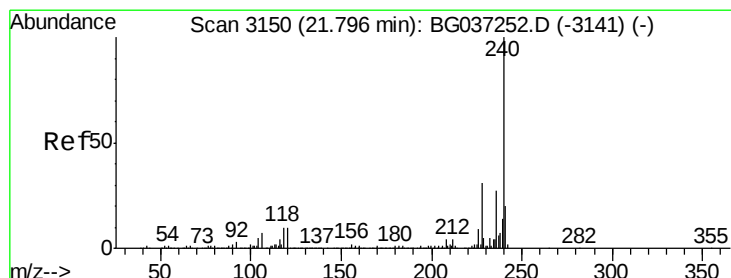
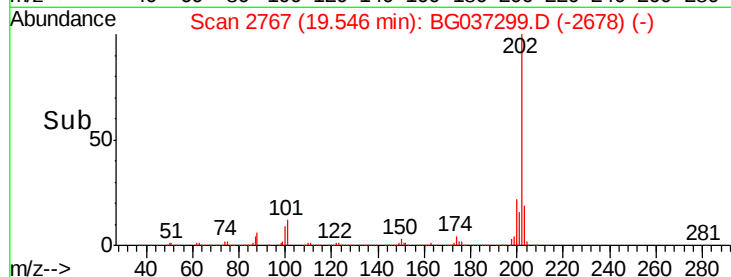
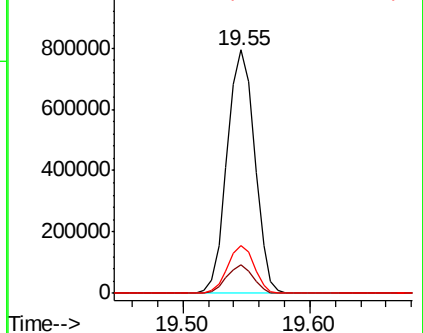
203 19.5 0.0 38.5



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.79 min Scan# 3149

Delta R.T. -0.01 min

Lab File: BG037299.D

Acq: 12 Oct 2018 20:17

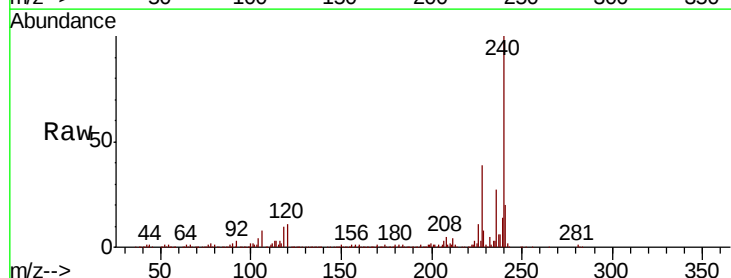
Tgt Ion:240 Resp: 414011

Ion Ratio Lower Upper

240 100

120 10.6 8.1 12.1

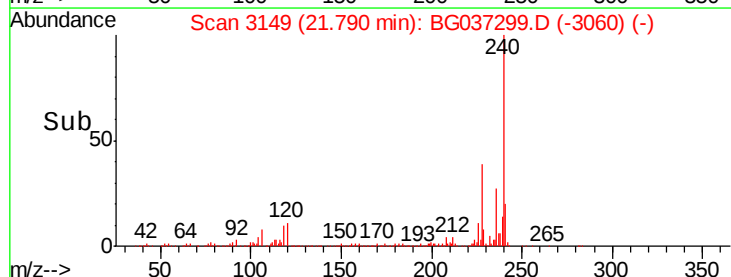
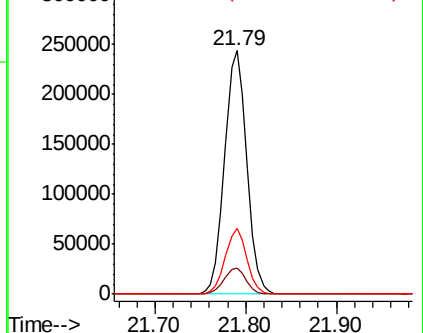
236 26.8 21.4 32.0

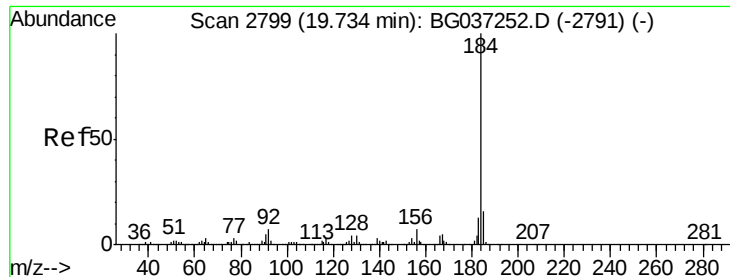


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 12.336 ng

RT: 19.73 min Scan# 2798

Delta R.T. -0.01 min

Lab File: BG037299.D

Acq: 12 Oct 2018 20:17

Instrument :

BNA_G

ClientSampleId :

SOIL-DRUMMSD

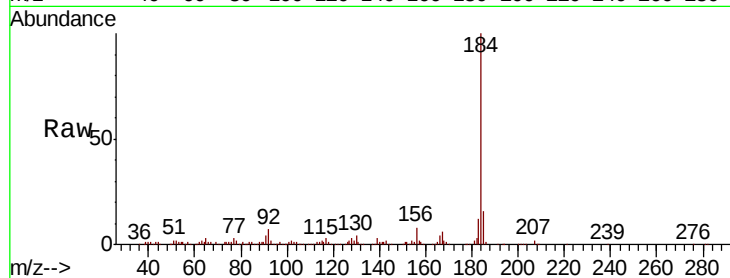
Tgt Ion:184 Resp: 195380

Ion Ratio Lower Upper

184 100

185 15.5 12.6 18.8

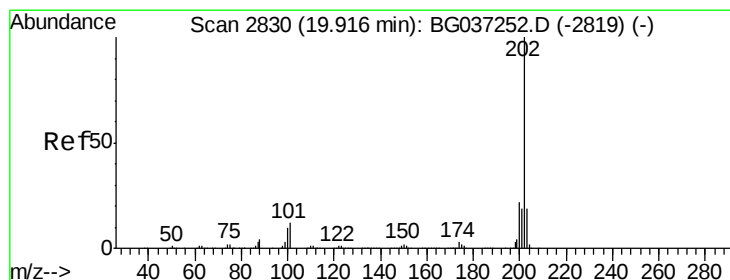
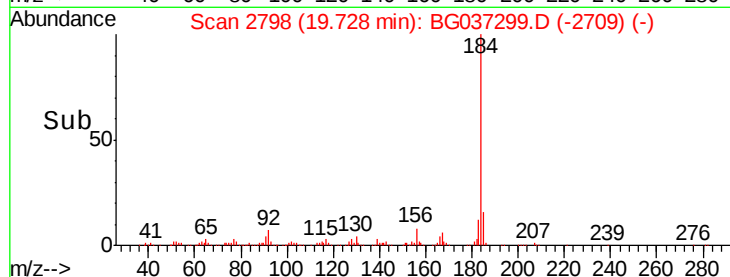
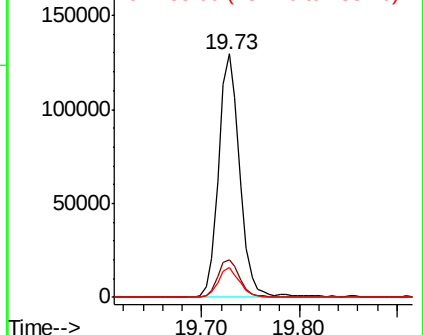
183 12.2 10.2 15.2



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: 44.024 ng

RT: 19.91 min Scan# 2829

Delta R.T. -0.01 min

Lab File: BG037299.D

Acq: 12 Oct 2018 20:17

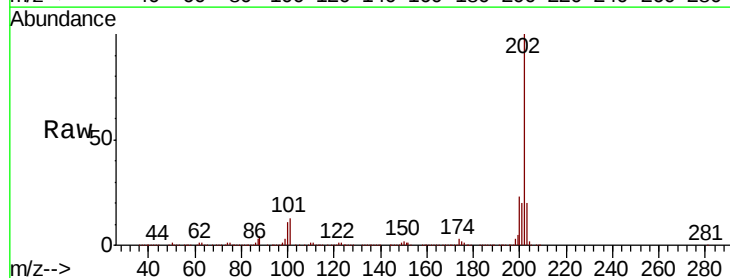
Tgt Ion:202 Resp: 1187899

Ion Ratio Lower Upper

202 100

200 22.6 17.8 26.6

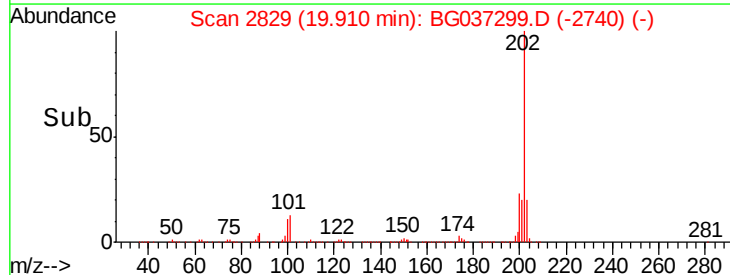
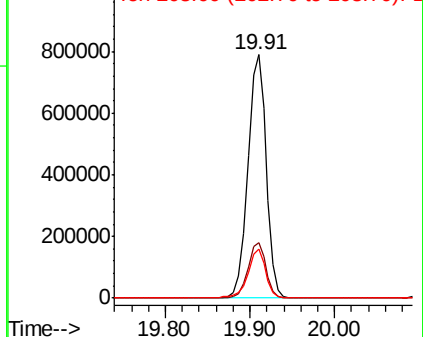
203 20.0 15.2 22.8

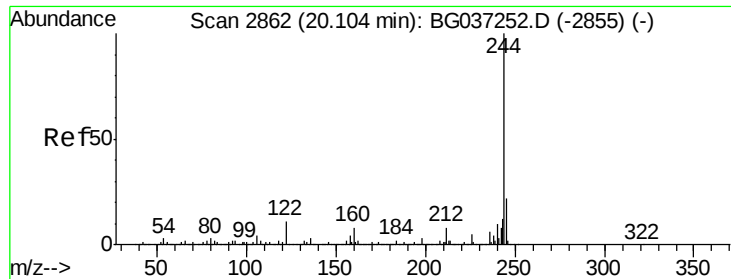


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 74.637 ng

RT: 20.10 min Scan# 2861

Delta R.T. -0.01 min

Lab File: BG037299.D

Acq: 12 Oct 2018 20:17

Instrument :

BNA_G

ClientSampleId :

SOIL-DRUMMSD

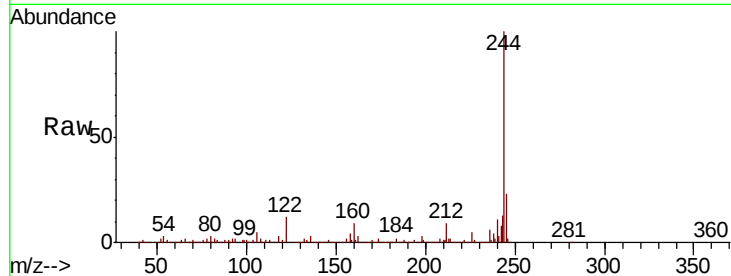
Tgt Ion:244 Resp: 1471628

Ion Ratio Lower Upper

244 100

212 8.8 6.5 9.7

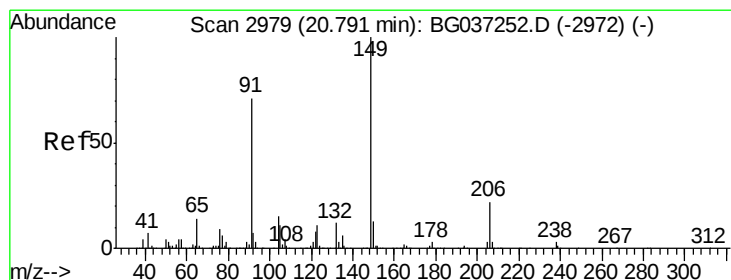
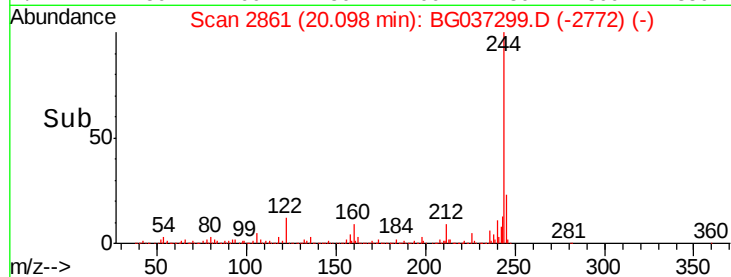
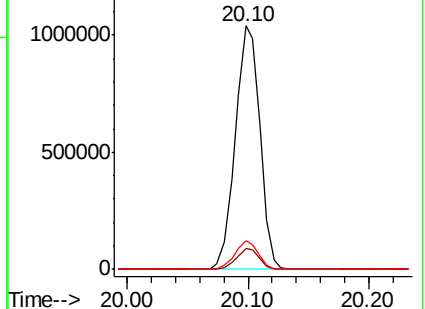
122 11.8 9.0 13.4



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: 48.231 ng

RT: 20.79 min Scan# 2978

Delta R.T. -0.01 min

Lab File: BG037299.D

Acq: 12 Oct 2018 20:17

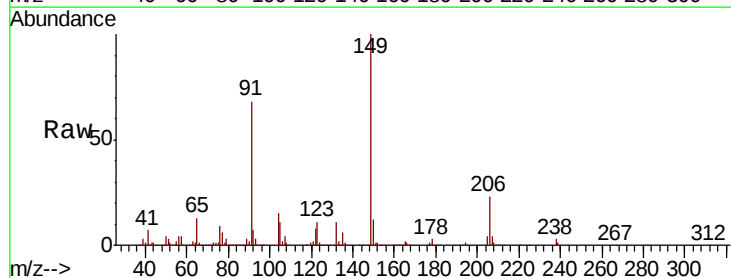
Tgt Ion:149 Resp: 506342

Ion Ratio Lower Upper

149 100

91 68.4 57.0 85.4

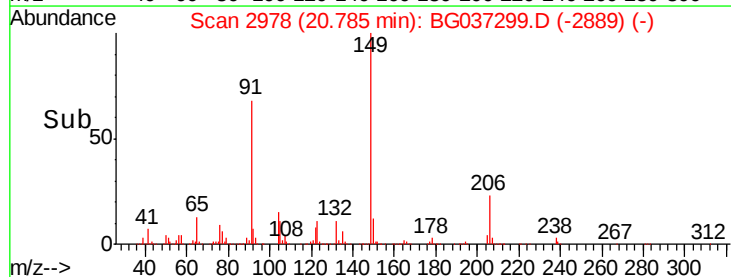
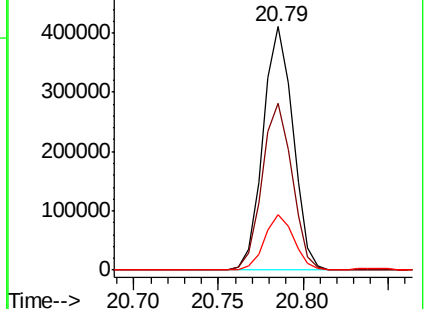
206 22.6 17.8 26.6

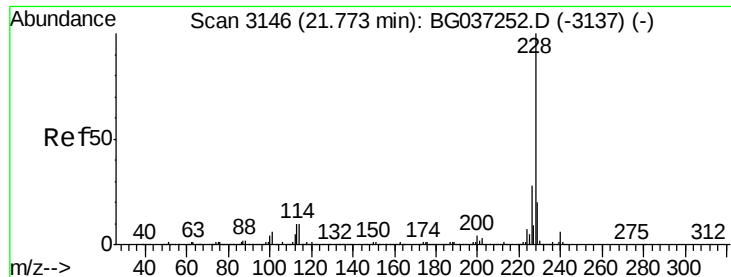


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

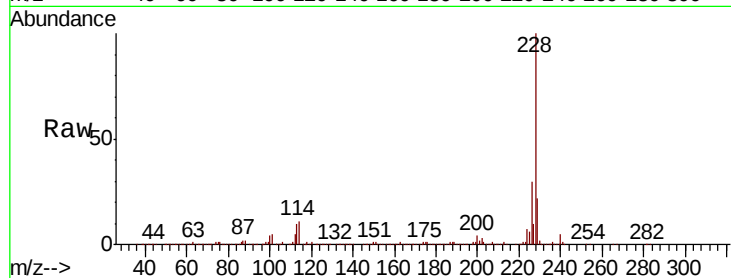




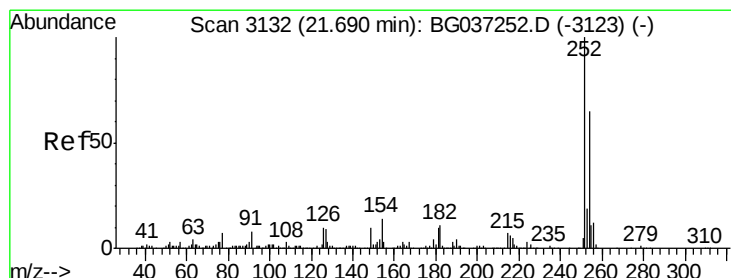
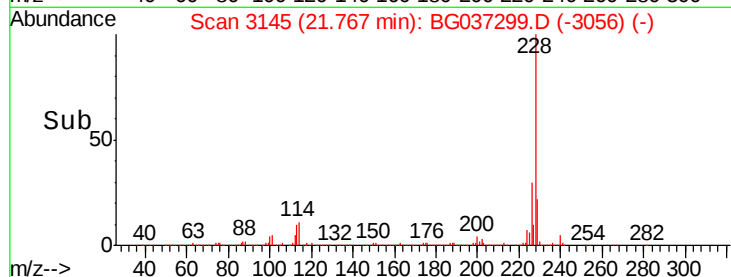
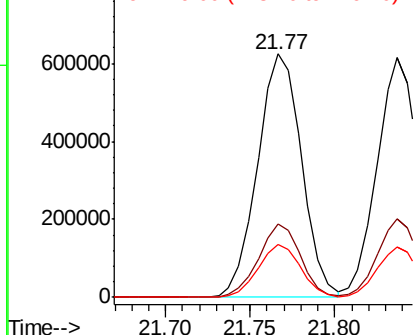
#81
Benzo(a)anthracene
Concen: 45.581 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG037299.D
Acq: 12 Oct 2018 20:17

Instrument :
BNA_G
ClientSampleId :
SOIL-DRUMMSD

Tgt Ion:228 Resp: 1130208
Ion Ratio Lower Upper
228 100
226 30.0 22.6 33.8
229 21.7 16.3 24.5

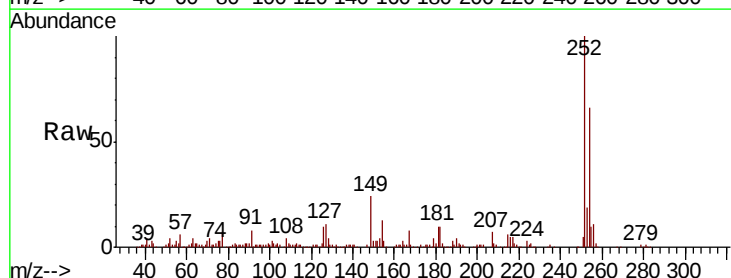


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

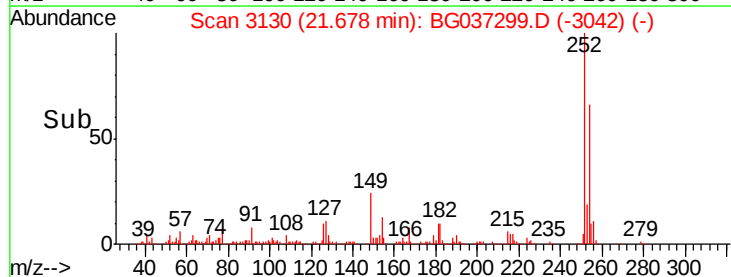
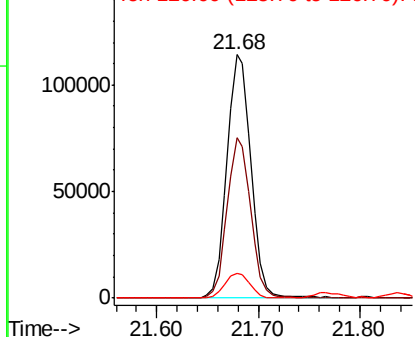


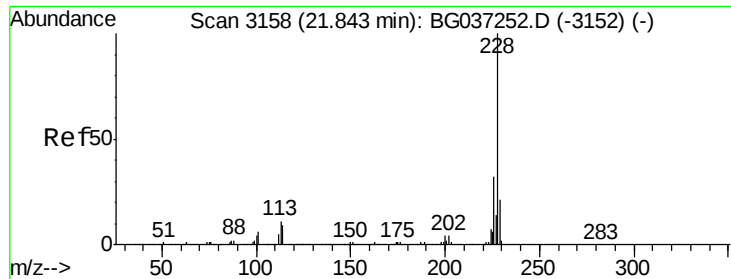
#82
3,3'-Dichlorobenzidine
Concen: 19.645 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BG037299.D
Acq: 12 Oct 2018 20:17

Tgt Ion:252 Resp: 187901
Ion Ratio Lower Upper
252 100
254 66.0 52.0 78.0
126 10.3 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: 44.322 ng

RT: 21.84 min Scan# 3157

Delta R.T. -0.01 min

Lab File: BG037299.D

Acq: 12 Oct 2018 20:17

Instrument :

BNA_G

ClientSampleId :

SOIL-DRUMMSD

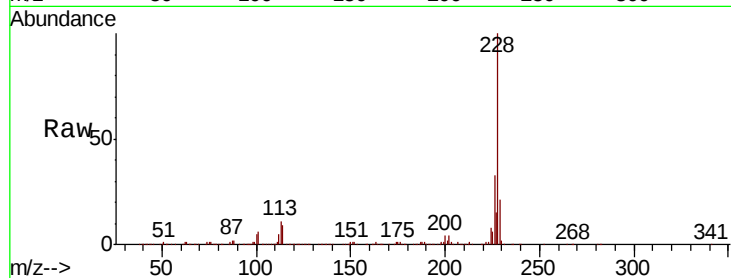
Tgt Ion:228 Resp: 1048333

Ion Ratio Lower Upper

228 100

226 32.9 25.7 38.5

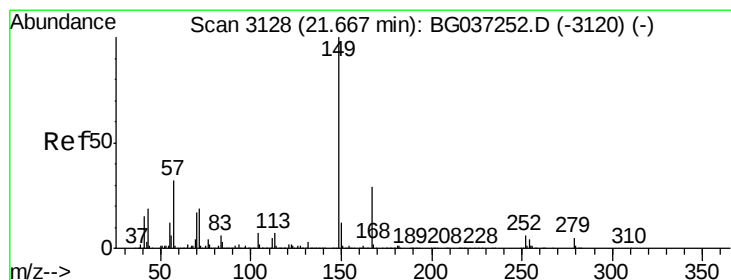
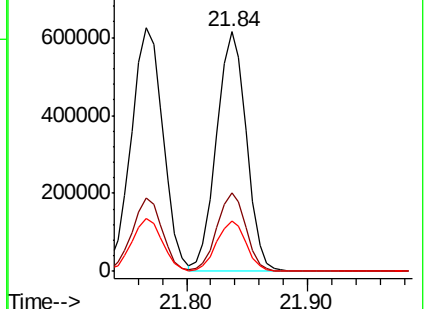
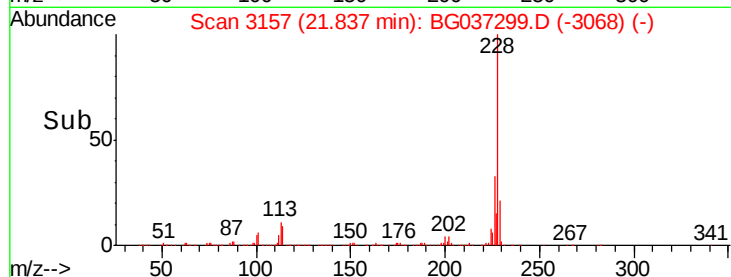
229 21.1 16.5 24.7



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: 47.871 ng

RT: 21.65 min Scan# 3126

Delta R.T. -0.01 min

Lab File: BG037299.D

Acq: 12 Oct 2018 20:17

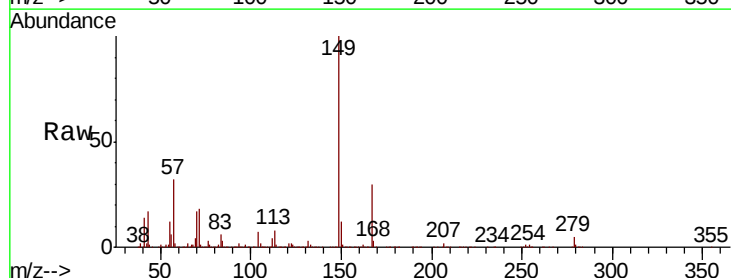
Tgt Ion:149 Resp: 721646

Ion Ratio Lower Upper

149 100

167 30.3 23.0 34.4

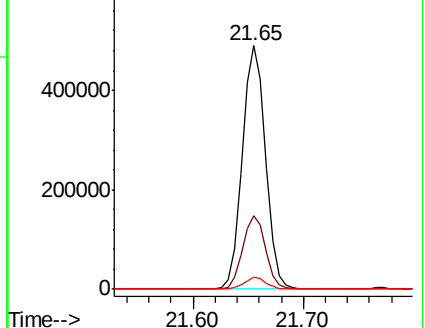
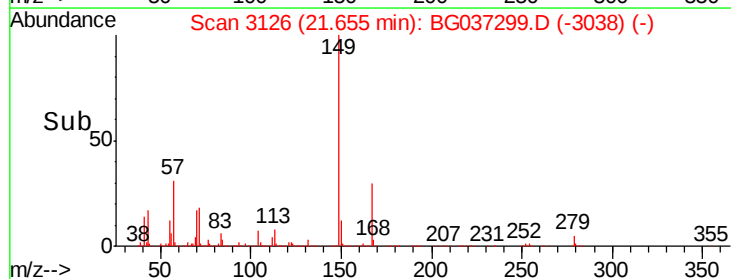
279 4.9 3.6 5.4

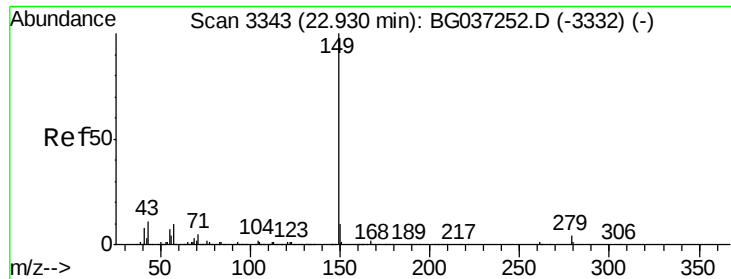


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

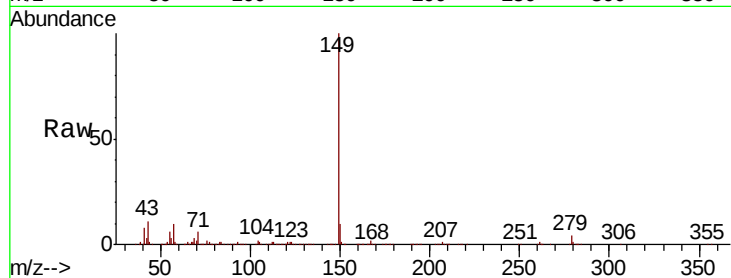




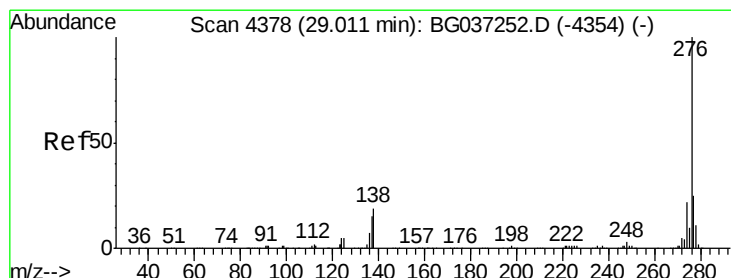
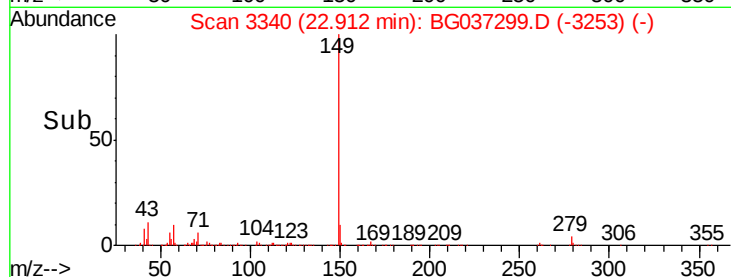
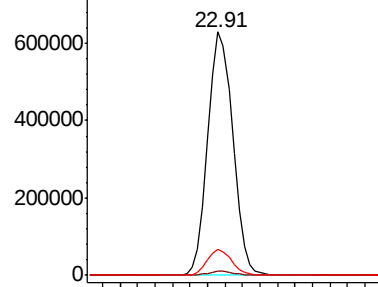
#85
Di-n-octyl phthalate
Concen: 49.880 ng
RT: 22.91 min Scan# 3340
Delta R.T. -0.02 min
Lab File: BG037299.D
Acq: 12 Oct 2018 20:17

Instrument :
BNA_G
ClientSampleId :
SOIL-DRUMMSD

Tgt Ion:149 Resp: 1220466
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 10.5 8.7 13.1

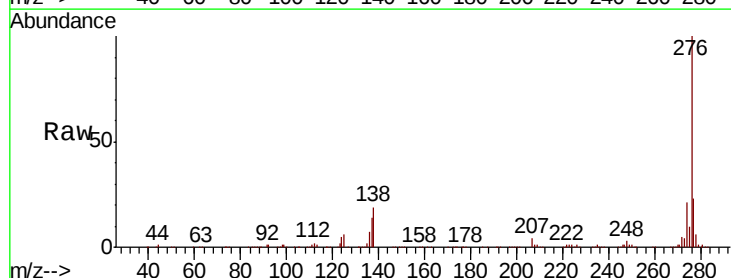


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

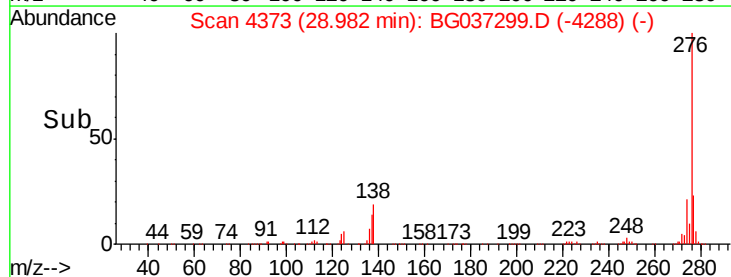
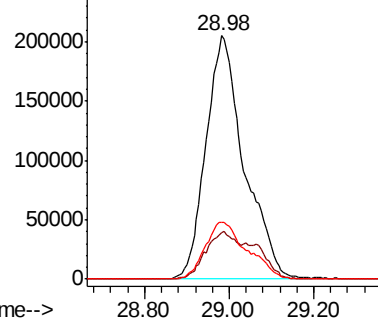


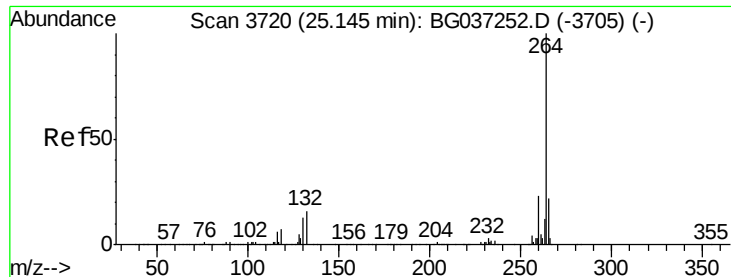
#86
Indeno(1,2,3-cd)pyrene
Concen: 49.045 ng
RT: 28.98 min Scan# 4373
Delta R.T. -0.03 min
Lab File: BG037299.D
Acq: 12 Oct 2018 20:17

Tgt Ion:276 Resp: 1285802
Ion Ratio Lower Upper
276 100
138 16.9 12.0 18.0
277 25.7 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: 25.13 min Scan# 3718

Delta R.T. -0.01 min

Lab File: BG037299.D

Acq: 12 Oct 2018 20:17

Instrument :

BNA_G

ClientSampleId :

SOIL-DRUMMSD

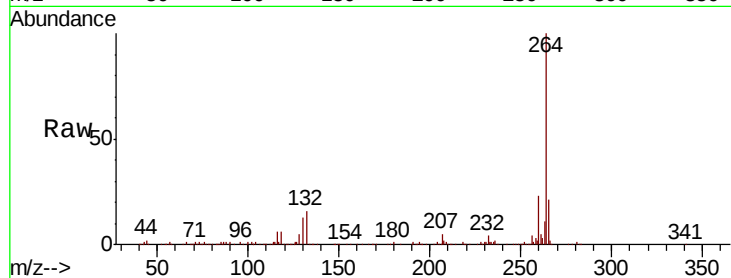
Tgt Ion:264 Resp: 441876

Ion Ratio Lower Upper

264 100

260 22.5 18.2 27.4

265 21.0 17.9 26.9

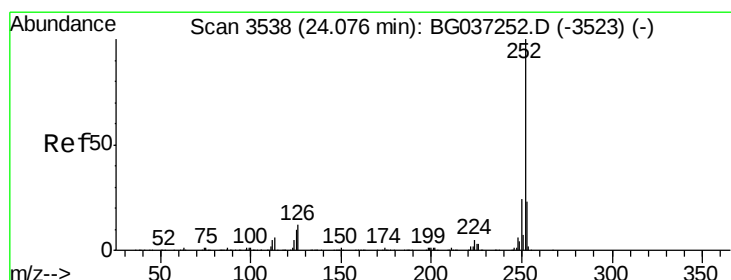
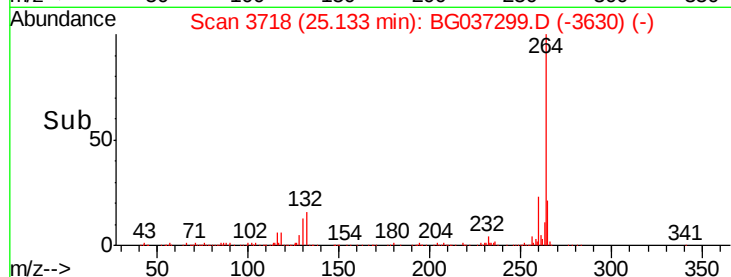
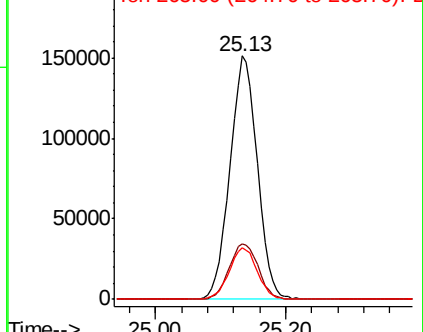


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 48.516 ng

RT: 24.07 min Scan# 3537

Delta R.T. -0.01 min

Lab File: BG037299.D

Acq: 12 Oct 2018 20:17

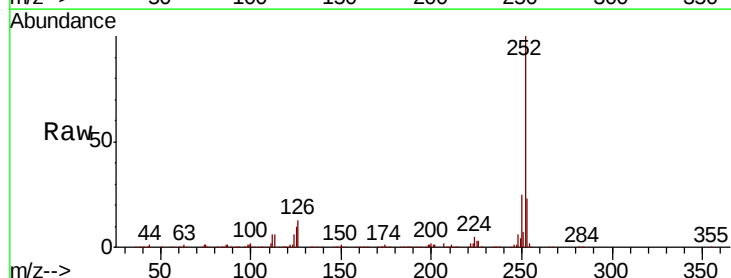
Tgt Ion:252 Resp: 1165539

Ion Ratio Lower Upper

252 100

253 22.9 18.2 27.2

125 10.1 7.8 11.6

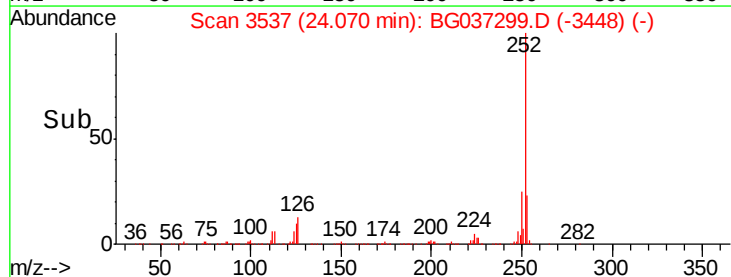
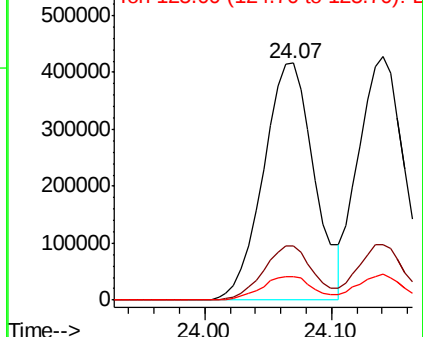


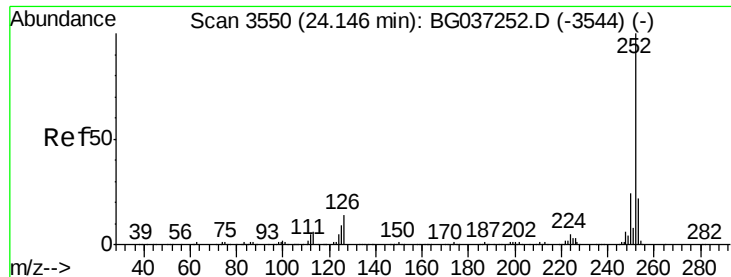
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

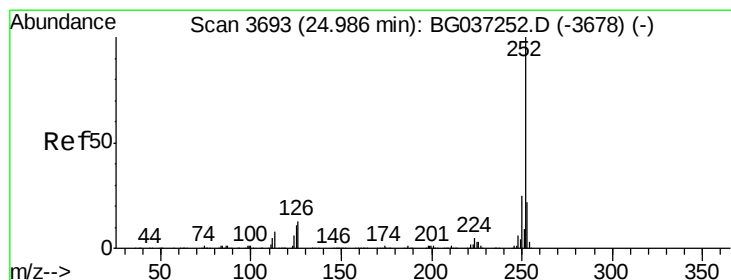
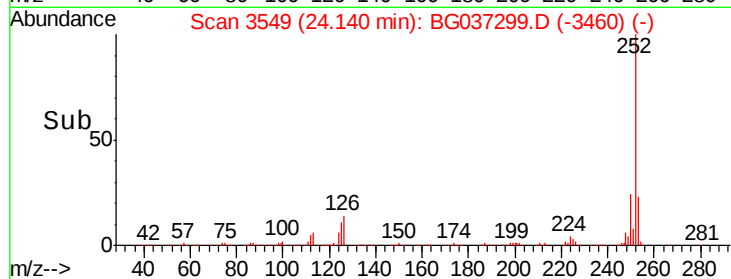
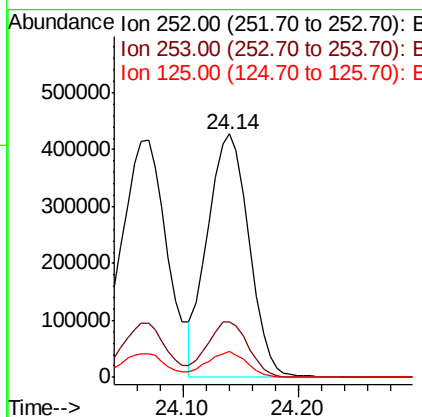
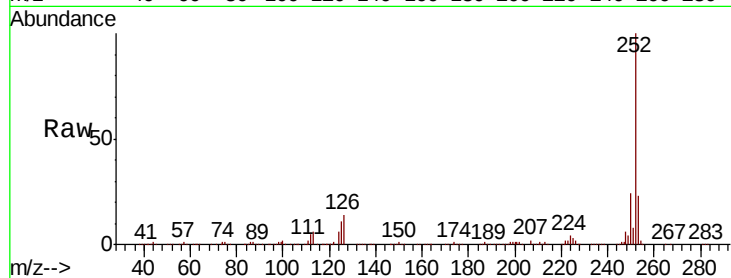




#89
Benzo(k)fluoranthene
Concen: 44.903 ng
RT: 24.14 min Scan# 3549
Delta R.T. -0.01 min
Lab File: BG037299.D
Acq: 12 Oct 2018 20:17

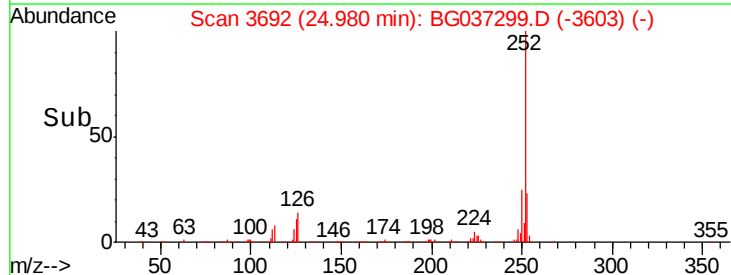
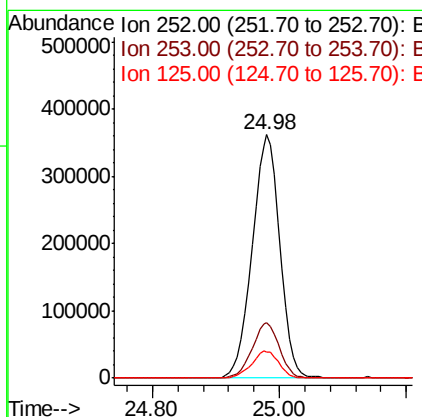
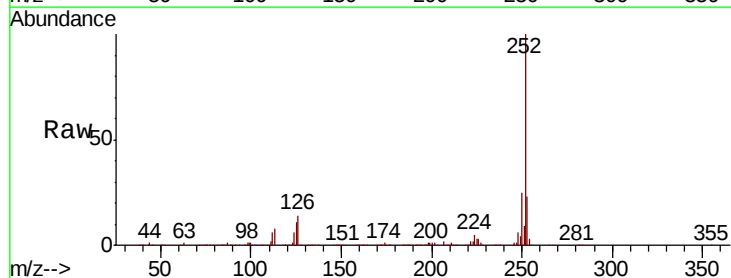
Instrument :
BNA_G
ClientSampleId :
SOIL-DRUMMSD

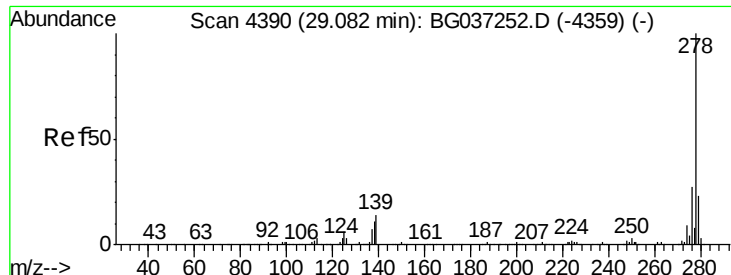
Tgt Ion:252 Resp: 1064451
Ion Ratio Lower Upper
252 100
253 23.0 17.4 26.2
125 10.7 7.4 11.0



#90
Benzo(a)pyrene
Concen: 47.723 ng
RT: 24.98 min Scan# 3692
Delta R.T. -0.01 min
Lab File: BG037299.D
Acq: 12 Oct 2018 20:17

Tgt Ion:252 Resp: 1099374
Ion Ratio Lower Upper
252 100
253 23.0 17.4 26.2
125 10.8 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 47.690 ng

RT: 29.07 min Scan# 4388

Delta R.T. -0.01 min

Lab File: BG037299.D

Acq: 12 Oct 2018 20:17

Instrument :

BNA_G

ClientSampleId :

SOIL-DRUMMSD

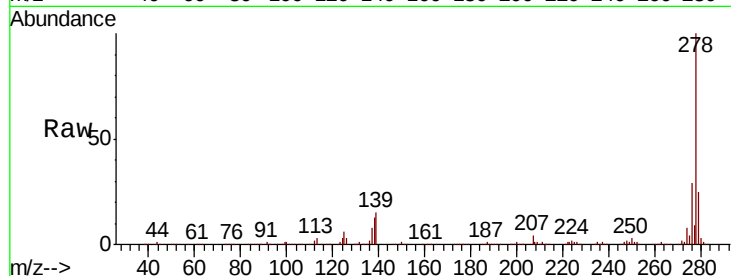
Tgt Ion:278 Resp: 1051183

Ion Ratio Lower Upper

278 100

139 15.2 11.5 17.3

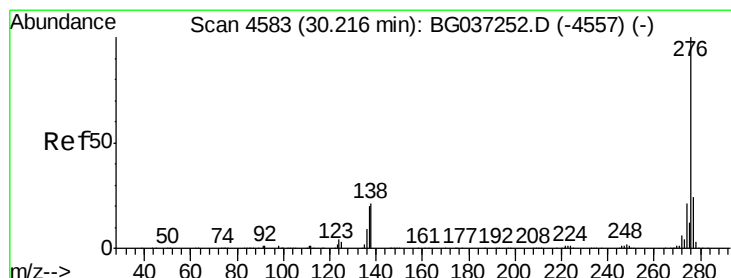
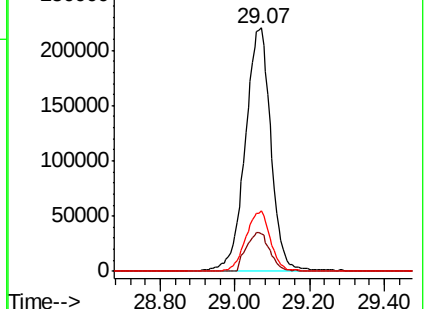
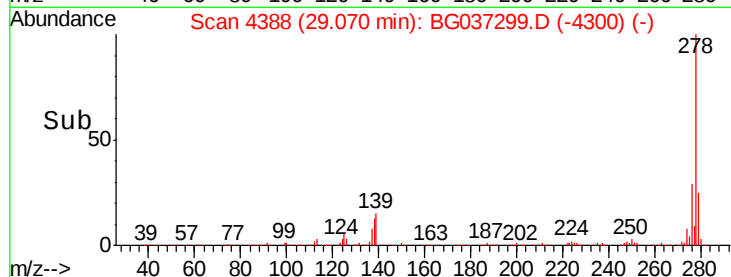
279 24.7 18.6 27.8



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: 48.204 ng

RT: 30.20 min Scan# 4581

Delta R.T. -0.01 min

Lab File: BG037299.D

Acq: 12 Oct 2018 20:17

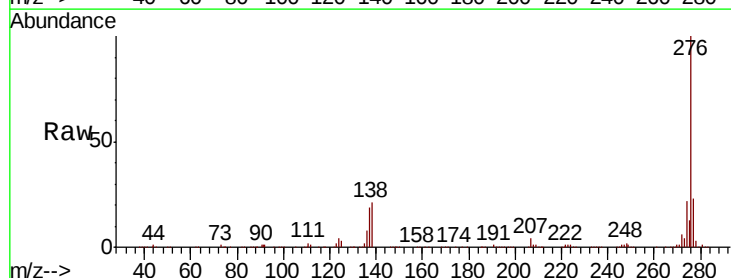
Tgt Ion:276 Resp: 1061180

Ion Ratio Lower Upper

276 100

277 23.5 18.9 28.3

138 20.8 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

