

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100418\
 Data File : BG037138.D
 Acq On : 3 Oct 2018 18:02
 Operator : JU/SJ
 Sample : J5212-05MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CG-SOIL-2MSD

Manual Integrations
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 10/4/2018 12:59:20 PM

Quant Time: Oct 04 04:24:14 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	53140	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	222369	20.00	ng	-0.01
38) Acenaphthene-d10	14.66	164	132022	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	315359	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	301867	20.00	ng	-0.01
86) Perylene-d12	24.87	264	308666	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	407617	147.11	ng	0.00
7) Phenol-d6	7.21	99	555591	129.60	ng	0.00
23) Nitrobenzene-d5	9.20	82	363495	87.54	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	195859	124.00	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	718749	81.08	ng	-0.01
78) Terphenyl-d14	20.02	244	1055153	91.91	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	58313	45.991	ng	97
3) Pyridine	3.92	79	157094	42.910	ng	100
4) n-Nitrosodimethylamine	3.85	42	85284	52.413	ng	# 98
6) Aniline	7.37	93	163122	29.324	ng	99
8) 2-Chlorophenol	7.61	128	162807	50.603	ng	92
9) Benzaldehyde	7.18	77	83695	29.545	ng	98
10) Phenol	7.23	94	229407	51.849	ng	96
11) bis(2-Chloroethyl)ether	7.46	93	163818	40.027	ng	99
12) 1,3-Dichlorobenzene	7.93	146	164807	41.782	ng	99
13) 1,4-Dichlorobenzene	8.08	146	168206	41.670	ng	99
14) 1,2-Dichlorobenzene	8.39	146	163204	41.722	ng	98
15) Benzyl Alcohol	8.28	79	147241	42.328	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.56	45	336352	42.807	ng	97
17) 2-Methylphenol	8.48	107	141723	45.985	ng	98
18) Hexachloroethane	9.12	117	64346	43.317	ng	95
19) n-Nitroso-di-n-propylamine	8.84	70	141834	39.770	ng	95
20) 3+4-Methylphenols	8.81	107	197109	45.973	ng	98
22) Acetophenone	8.86	105	250998	48.032	ng	98
24) Nitrobenzene	9.25	77	205290	46.294	ng	98
25) Isophorone	9.76	82	389955	51.395	ng	98
26) 2-Nitrophenol	9.95	139	91163	51.576	ng	97
27) 2,4-Dimethylphenol	10.01	122	149403	54.263	ng	97
28) bis(2-Chloroethoxy)methane	10.24	93	224999	48.058	ng	98
29) 2,4-Dichlorophenol	10.49	162	157636	49.389	ng	96
30) 1,2,4-Trichlorobenzene	10.70	180	171975	43.056	ng	97
31) Naphthalene	10.89	128	499065	47.168	ng	99
32) Benzoic acid	10.01	122	149403	68.057	ng	# 14
33) 4-Chloroaniline	11.01	127	98064	20.385	ng	98
34) Hexachlorobutadiene	11.17	225	114456	41.436	ng	97
35) Caprolactam	11.78	113	56038m	42.658	ng	
36) 4-Chloro-3-methylphenol	12.12	107	179283	47.076	ng	100
37) 2-Methylnaphthalene	12.49	142	370121	45.931	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	202468	43.970	ng	97
40) Hexachlorocyclopentadiene	12.84	237	231288	97.664	ng	99

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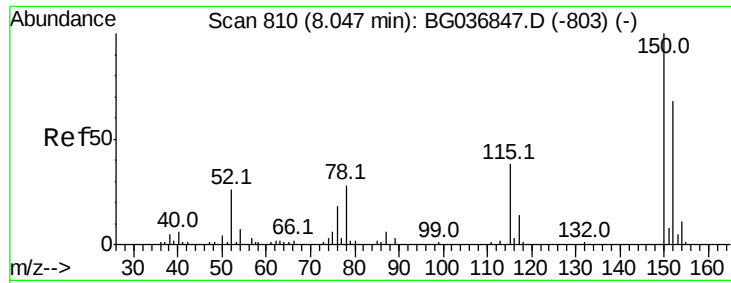
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	128326	50.186	nq	95
43) 2,4,5-Trichlorophenol	13.18	196	141351	51.842	nq	97
45) 1,1'-Biphenyl	13.50	154	467867	46.273	nq	98
46) 2-Chloronaphthalene	13.54	162	357293	44.934	nq	99
47) 2-Nitroaniline	13.75	65	132922	48.330	nq	99
48) Acenaphthylene	14.39	152	602081	48.321	nq	99
49) Dimethylphthalate	14.12	163	776725	73.091	nq	99
50) 2,6-Dinitrotoluene	14.24	165	107018	46.156	nq	95
51) Acenaphthene	14.73	154	342589	45.493	nq	100
52) 3-Nitroaniline	14.57	138	74137	30.344	nq	91
53) 2,4-Dinitrophenol	14.78	184	49489	48.839	nq	98
54) Dibenzofuran	15.06	168	559128	43.896	nq	100
55) 4-Nitrophenol	14.88	139	151660	97.166	nq	99
56) 2,4-Dinitrotoluene	15.03	165	150496	46.516	nq	93
57) Fluorene	15.71	166	447639	47.018	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.29	232	139485	50.430	nq	96
59) Diethylphthalate	15.48	149	465940	43.471	nq	99
60) 4-Chlorophenyl-phenylether	15.70	204	244726	40.589	nq	99
61) 4-Nitroaniline	15.74	138	113507	44.167	nq	93
62) Azobenzene	16.00	77	471433	45.776	nq	98
64) 4,6-Dinitro-2-methylphenol	15.79	198	76894	46.638	nq	97
65) n-Nitrosodiphenylamine	15.92	169	403906	46.393	nq	98
66) 4-Bromophenyl-phenylether	16.60	248	154668	43.119	nq	98
67) Hexachlorobenzene	16.71	284	158298	42.848	nq	99
68) Atrazine	16.86	200	167535	47.525	nq	99
69) Pentachlorophenol	17.06	266	175195	75.320	nq	97
70) Phenanthrene	17.45	178	722251	47.526	nq	98
71) Anthracene	17.54	178	742317	49.399	nq	100
72) Carbazole	17.81	167	666557	45.495	nq	99
73) Di-n-butylphthalate	18.36	149	755528	46.435	nq	100
74) Fluoranthene	19.46	202	857113	46.855	nq	99
76) Benzidine	19.64	184	270948	29.692	nq	100
77) Pyrene	19.82	202	841932	46.478	nq	98
79) Butylbenzylphthalate	20.70	149	353723	48.990	nq	95
80) Benzo(a)anthracene	21.65	228	821628	46.627	nq	99
81) 3,3'-Dichlorobenzidine	21.57	252	183896	27.417	nq	98
82) Chrysene	21.73	228	793553	46.609	nq	99
83) Bis(2-ethylhexyl)phthalate	21.55	149	490848	48.663	nq	100
84) Di-n-octyl phthalate	22.76	149	825170	49.687	nq	99
85) Indeno(1,2,3-cd)pyrene	28.52	276	908265	49.678	nq	99
87) Benzo(b)fluoranthene	23.86	252	793434	48.234	nq	97
88) Benzo(k)fluoranthene	23.93	252	798025	48.356	nq	99
89) Benzo(a)pyrene	24.73	252	783724	49.281	nq	99
90) Dibenzo(a,h)anthracene	28.58	278	731987	49.112	nq	99
91) Benzo(g,h,i)perylene	29.66	276	749124	50.081	nq	99

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



#1

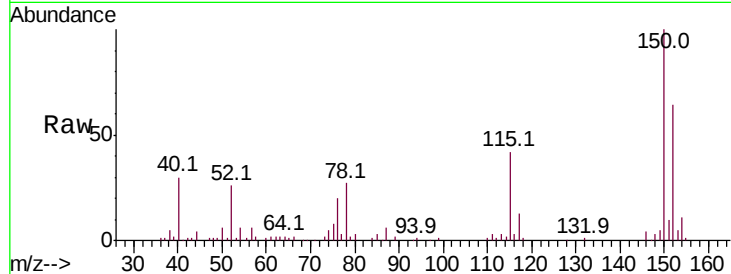
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.01 min
Lab File: BG037138.D
Acq: 3 Oct 2018 18:02

Instrument :
BNA_G
ClientSampled :
CG-SOIL-2MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	119.5	179.3
115	64.5	44.5	66.7

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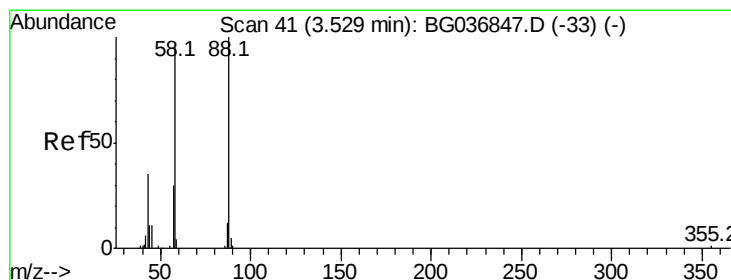
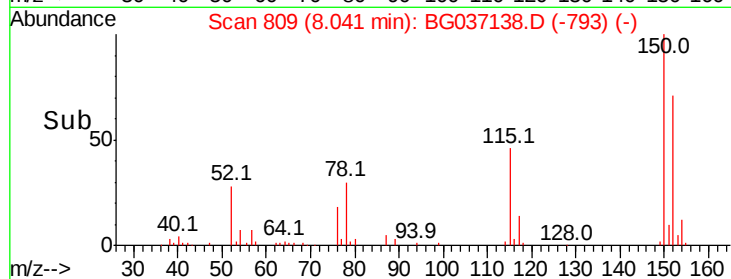
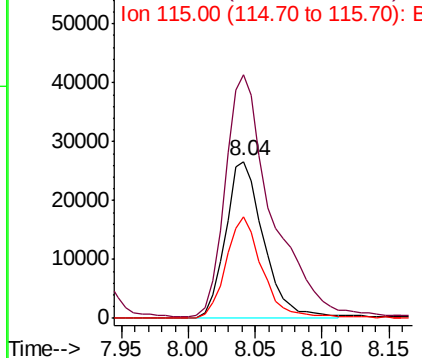


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

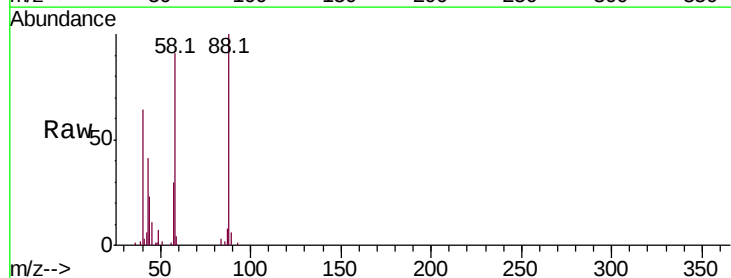
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 45.991 ng
RT: 3.53 min Scan# 41
Delta R.T. 0.00 min
Lab File: BG037138.D
Acq: 3 Oct 2018 18:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.8	72.6	109.0
43	32.3	29.0	43.4

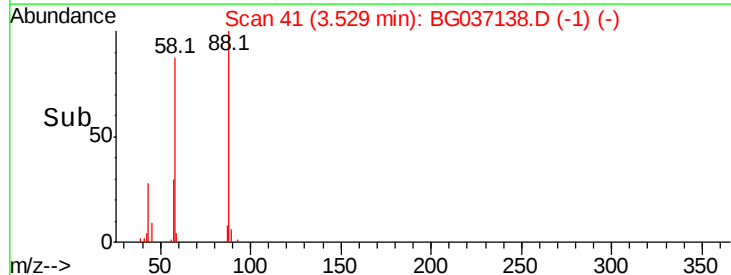
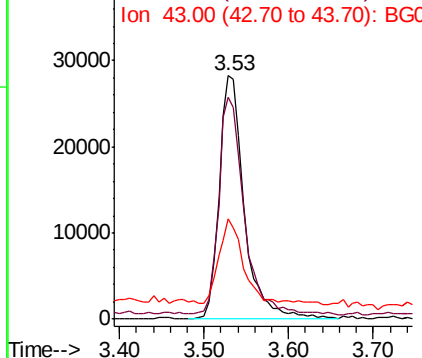


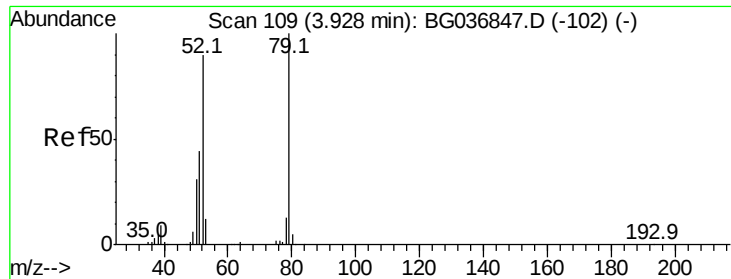
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





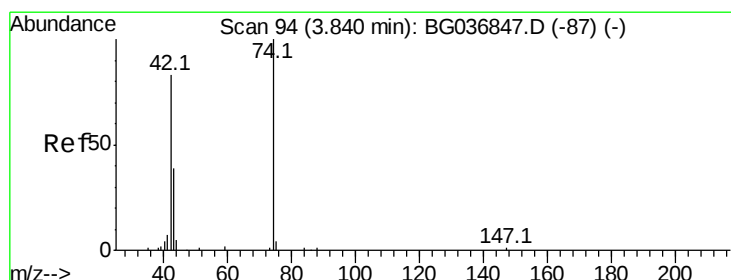
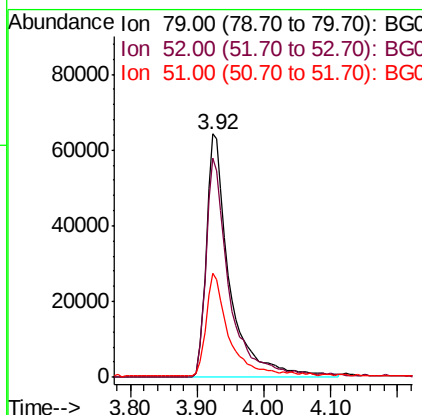
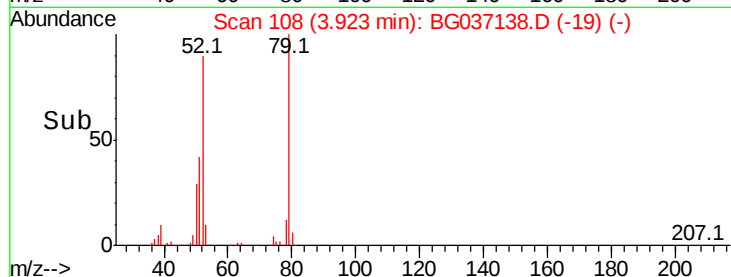
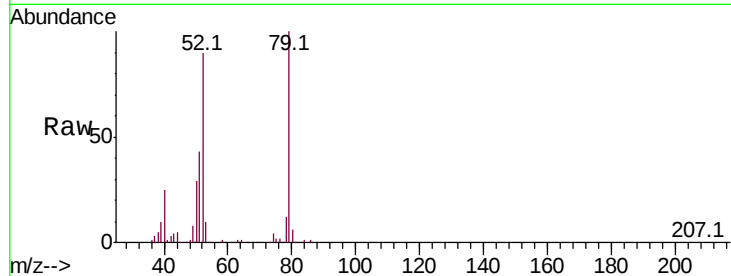
#3
 Pvridine
 Concen: 42.910 ng
 RT: 3.92 min Scan# 108
 Delta R.T. -0.01 min
 Lab File: BG037138.D
 Acq: 3 Oct 2018 18:02

Instrument :
 BNA_G
 ClientSampleId :
 CG-SOIL-2MSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	90.2	72.3	108.5
51	42.6	33.8	50.6

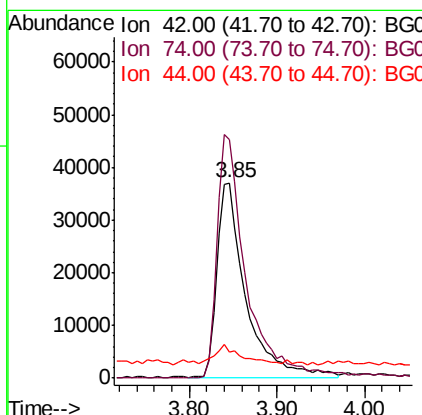
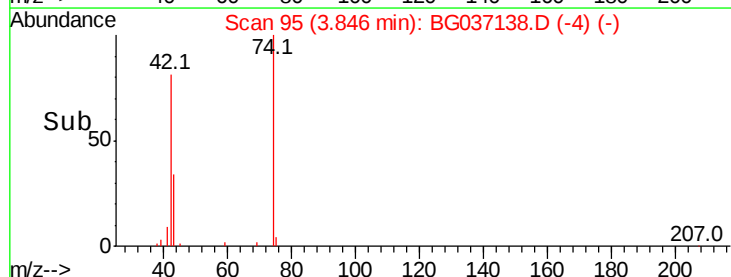
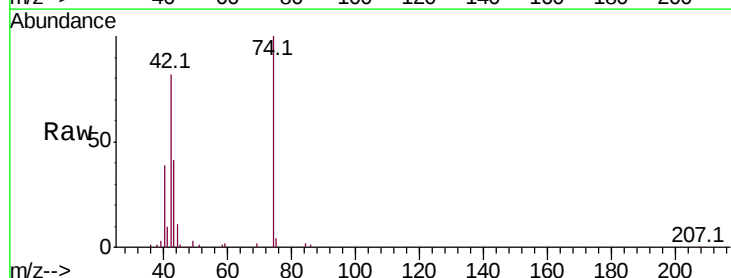
Manual Integrations
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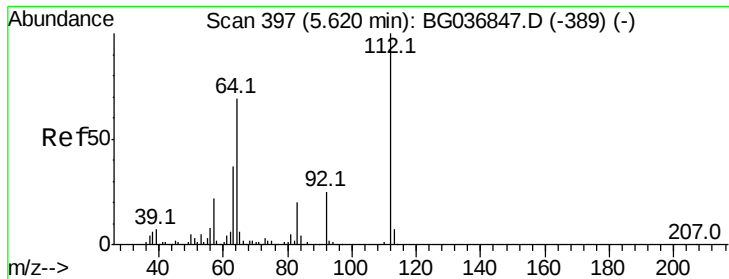
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#4
 n-Nitrosodimethylamine
 Concen: 52.413 ng
 RT: 3.85 min Scan# 95
 Delta R.T. 0.01 min
 Lab File: BG037138.D
 Acq: 3 Oct 2018 18:02

Tgt Ion	Ratio	Lower	Upper
42	100		
74	122.2	96.6	145.0
44	13.4	7.0	10.4





#5

2-Fluorophenol

Concen: 147.106 ng

RT: 5.61 min Scan# 396

Delta R.T. -0.01 min

Lab File: BG037138.D

Acq: 3 Oct 2018 18:02

Instrument :

BNA_G

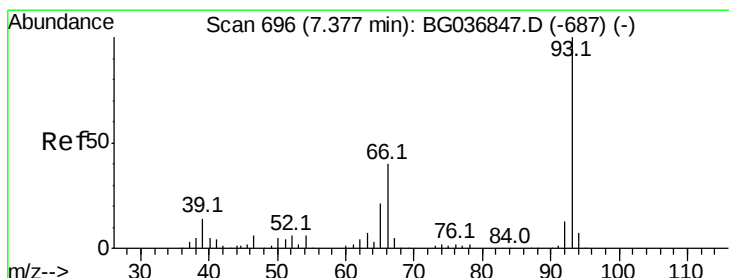
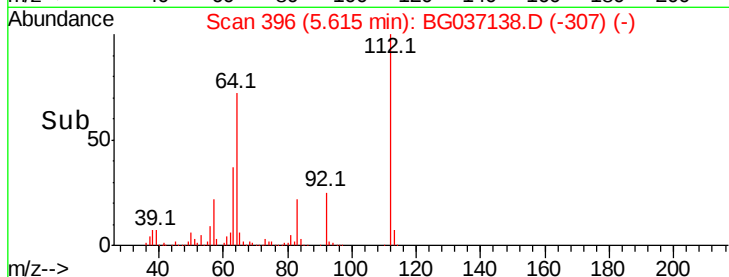
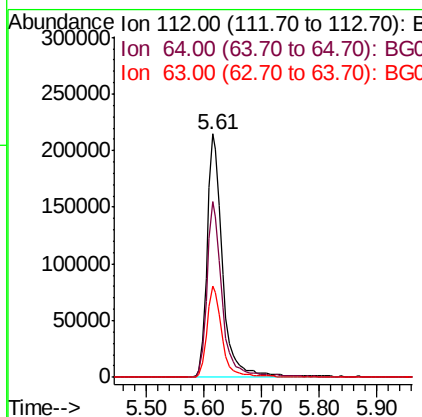
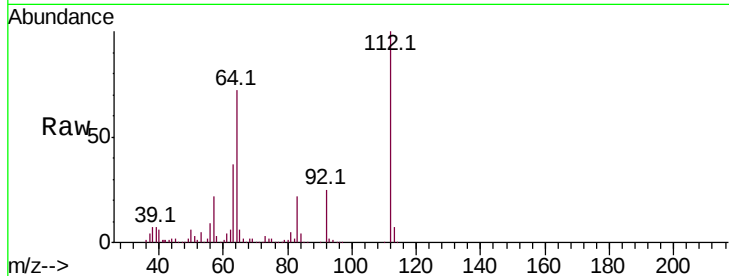
ClientSampleId :

CG-SOIL-2MSD

Tot Ion:	112	Resp:	407617
Ion Ratio	Lower	Upper	
112	100		
64	72.4	57.2	85.8
63	37.5	30.8	46.2

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#6

Aniline

Concen: 29.324 ng

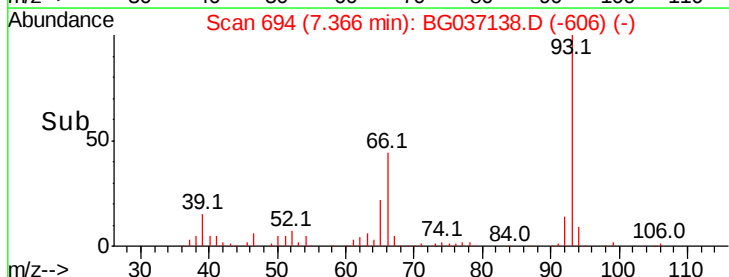
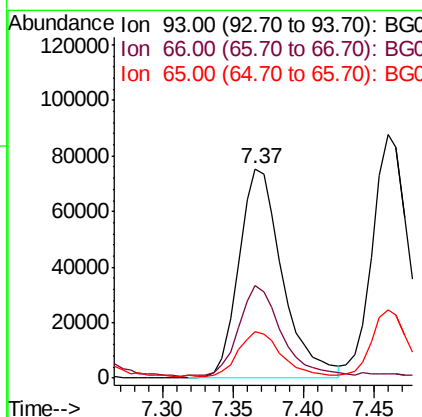
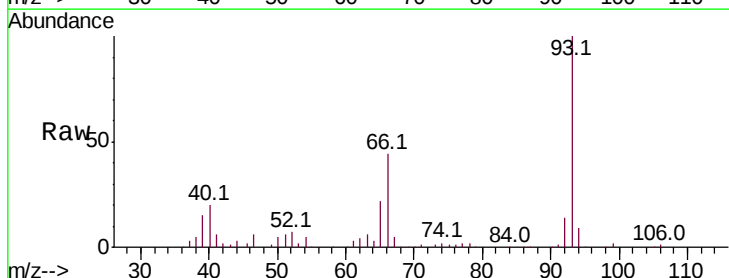
RT: 7.37 min Scan# 694

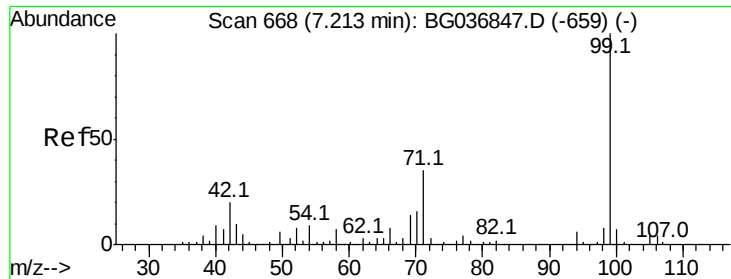
Delta R.T. -0.01 min

Lab File: BG037138.D

Acq: 3 Oct 2018 18:02

Tgt Ion:	93	Resp:	163122
Ion Ratio	Lower	Upper	
93	100		
66	44.3	35.0	52.4
65	22.0	17.6	26.4





#7

Phenol-d6

Concen: 129.597 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG037138.D

Acq: 3 Oct 2018 18:02

Instrument :

BNA_G

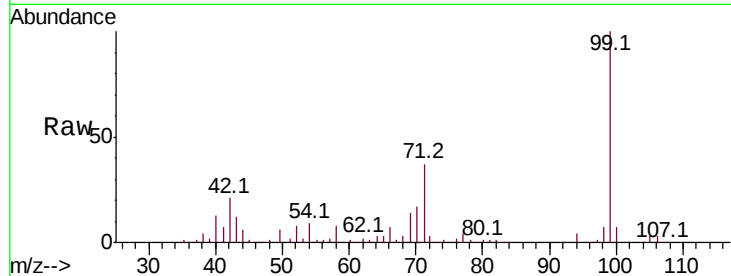
ClientSampleId :

CG-SOIL-2MSD

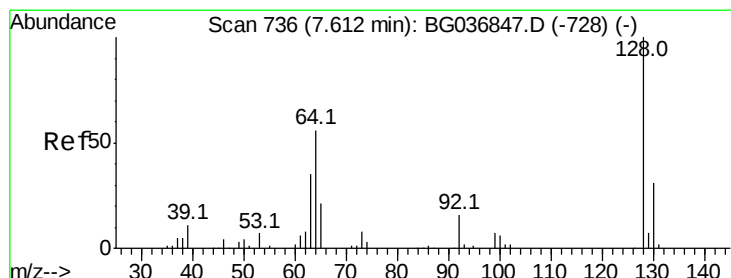
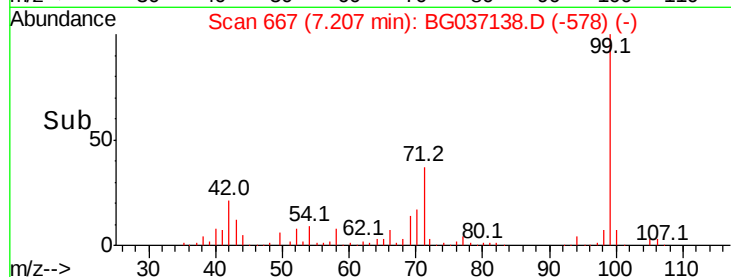
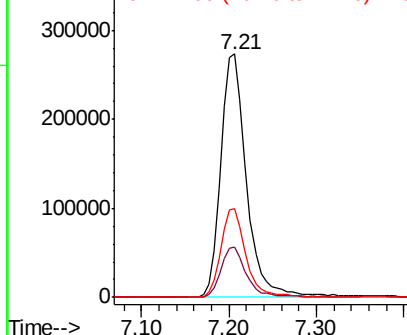
Tot Ion:	99	Resp:	55591
Ion Ratio	Lower	Upper	
99	100		
42	20.6	16.5	24.7
71	36.5	29.4	44.2

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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: 50.603 ng

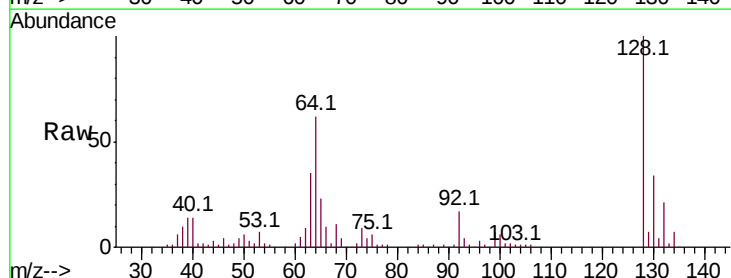
RT: 7.61 min Scan# 735

Delta R.T. -0.01 min

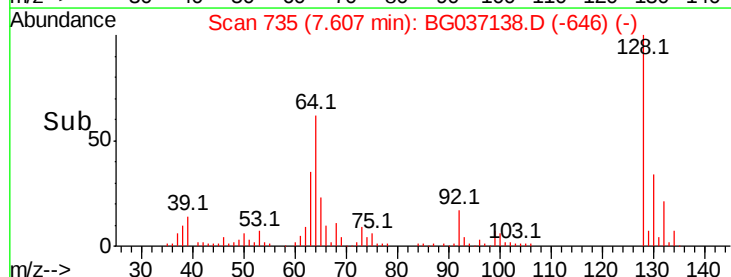
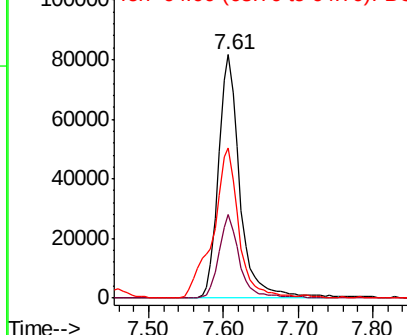
Lab File: BG037138.D

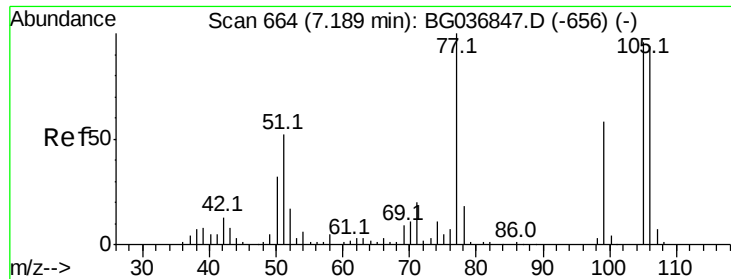
Acq: 3 Oct 2018 18:02

Tgt Ion:	128	Resp:	162807
Ion Ratio	Lower	Upper	
128	100		
130	34.3	10.0	50.0
64	61.5	36.0	76.0



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





#9

Benzaldehyde

Concen: 29.545 ng

RT: 7.18 min Scan# 662

Delta R.T. -0.01 min

Lab File: BG037138.D

Acq: 3 Oct 2018 18:02

Instrument :

BNA_G

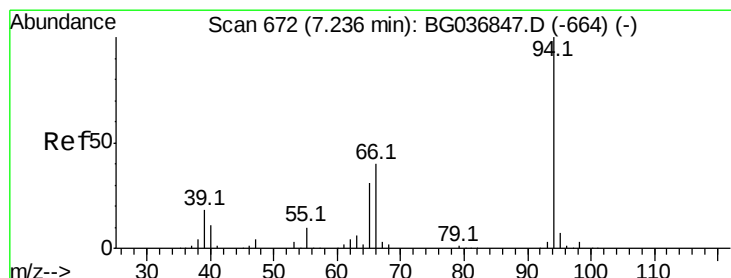
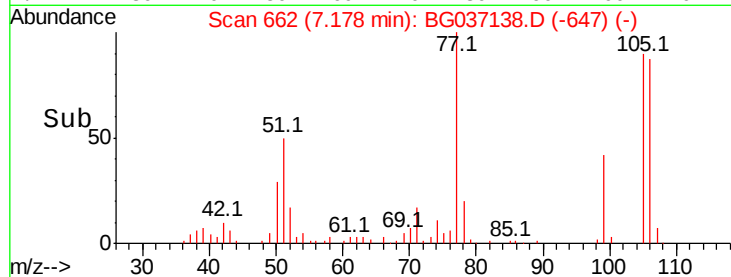
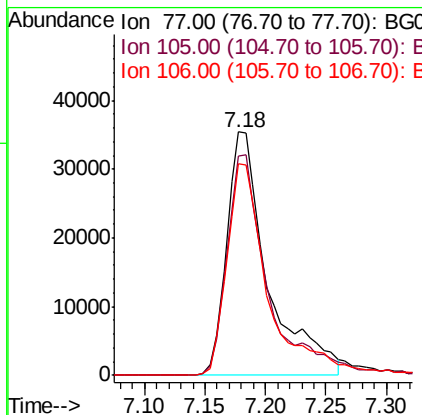
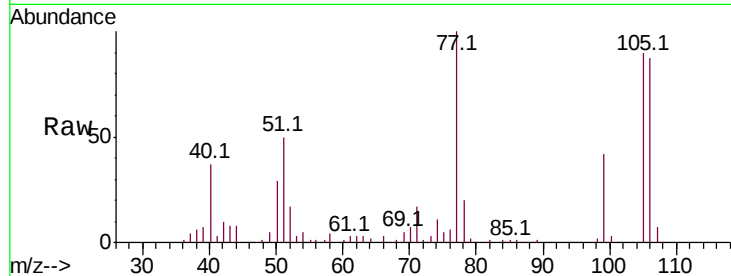
ClientSampleId :

CG-SOIL-2MSD

Tot Ion:	77	Resp:	83695
Ion Ratio	Lower	Upper	
77	100		
105	90.1	70.5	110.5
106	86.7	69.8	109.8

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#10

Phenol

Concen: 51.849 ng

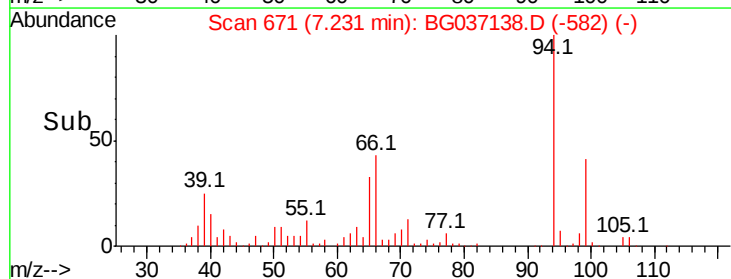
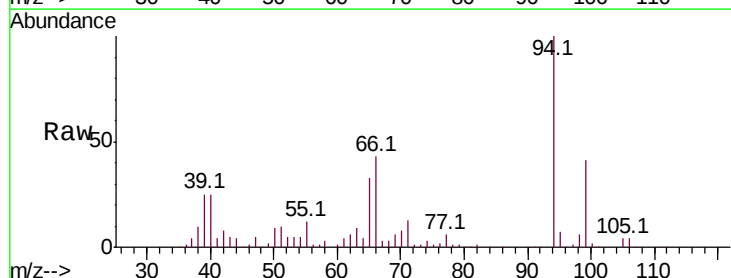
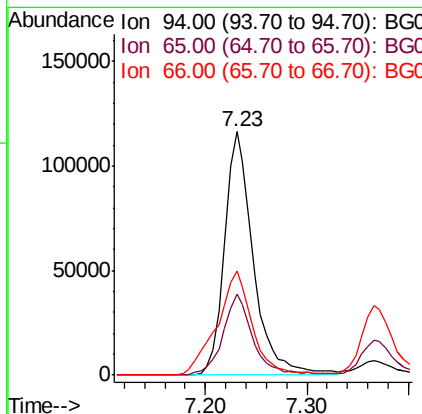
RT: 7.23 min Scan# 671

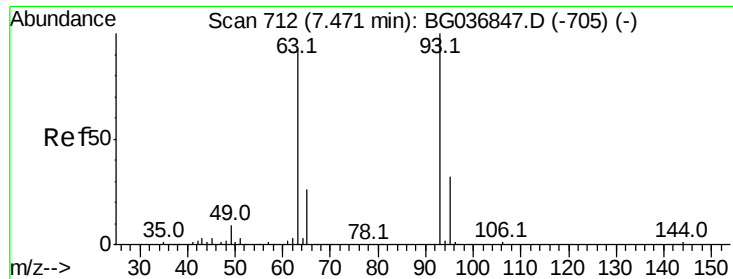
Delta R.T. -0.01 min

Lab File: BG037138.D

Acq: 3 Oct 2018 18:02

Tgt Ion:	94	Resp:	229407
Ion Ratio	Lower	Upper	
94	100		
65	33.0	11.5	51.5
66	42.6	19.5	59.5





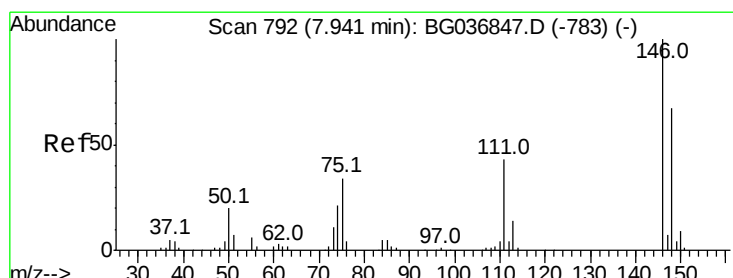
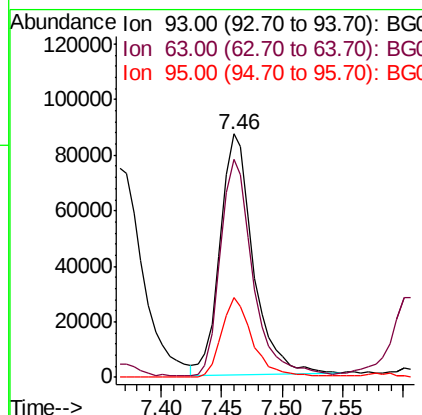
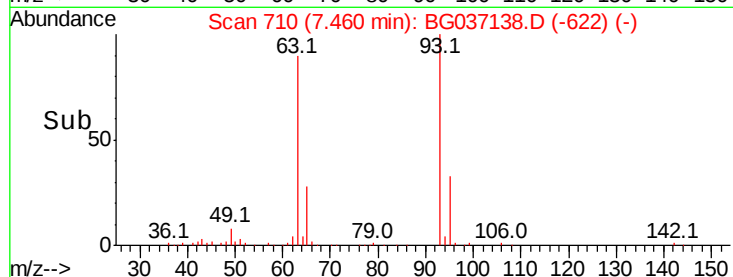
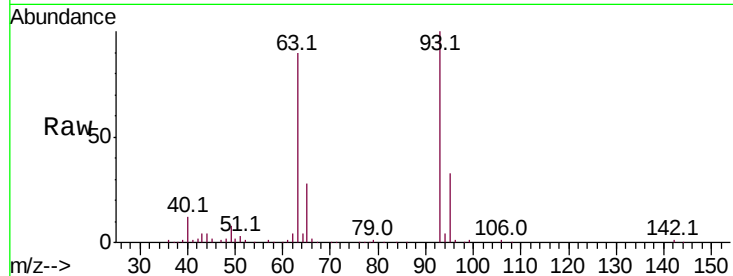
#11
bis(2-Chloroethyl)ether
Concen: 40.027 ng
RT: 7.46 min Scan# 710
Delta R.T. -0.01 min
Lab File: BG037138.D
Acq: 3 Oct 2018 18:02

Instrument :
BNA_G
ClientSampleId :
CG-SOIL-2MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	89.7	69.9	109.9
95	32.8	11.7	51.7

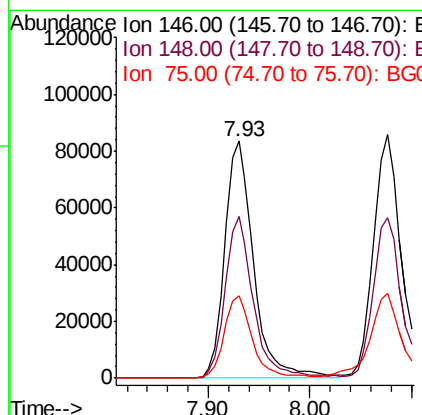
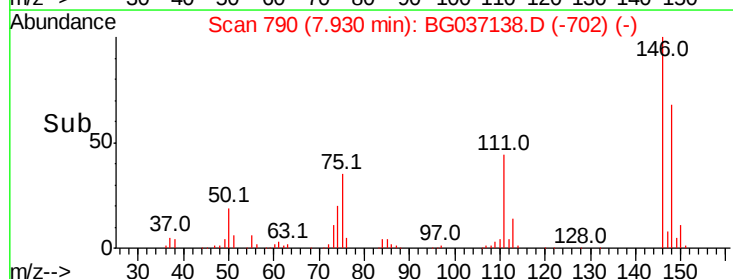
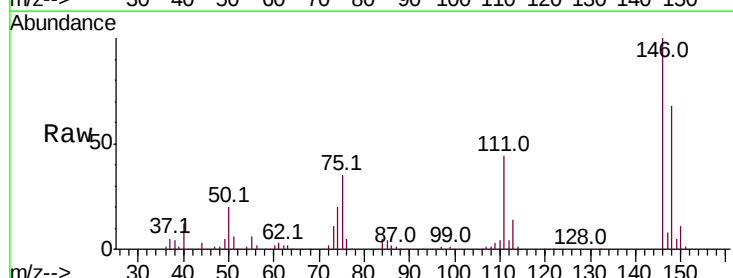
Manual Integrations
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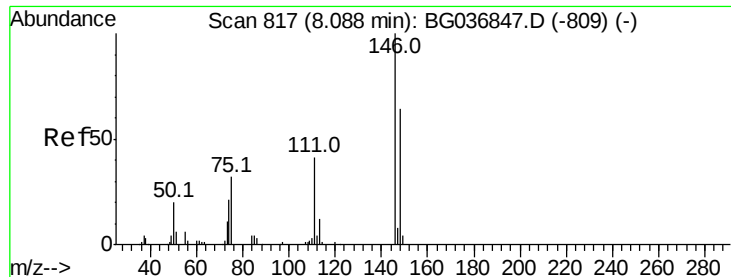
Sohil
10/4/2018 12:59:20 PM



#12
1,3-Dichlorobenzene
Concen: 41.782 ng
RT: 7.93 min Scan# 790
Delta R.T. -0.01 min
Lab File: BG037138.D
Acq: 3 Oct 2018 18:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.2	53.8	80.6
75	34.8	27.2	40.8





#13

1,4-Dichlorobenzene

Concen: 41.670 ng

RT: 8.08 min Scan# 815

Delta R.T. -0.01 min

Lab File: BG037138.D

Acq: 3 Oct 2018 18:02

Instrument :

BNA_G

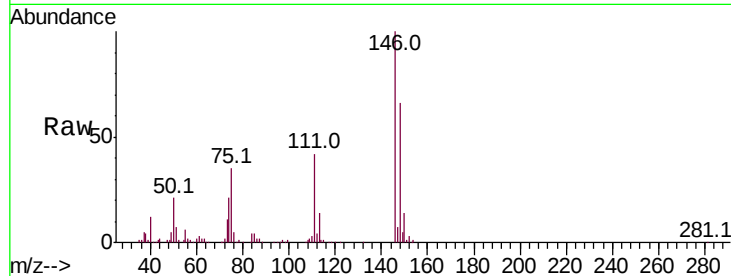
ClientSampleId :

CG-SOIL-2MSD

Tot Ion:	146	Resp:	168206
Ion Ratio	Lower	Upper	
146	100		
148	66.1	53.9	80.9
111	41.9	33.8	50.6

Manual Integrations
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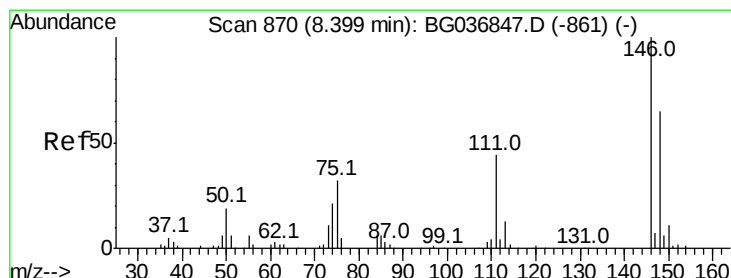
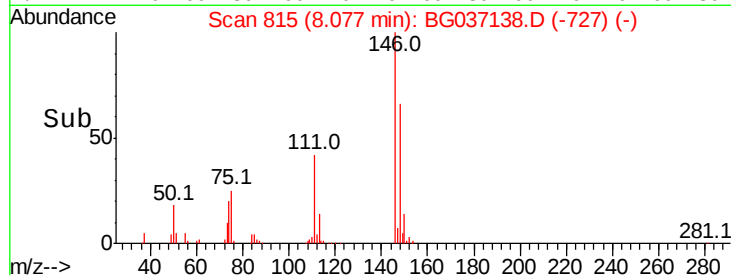
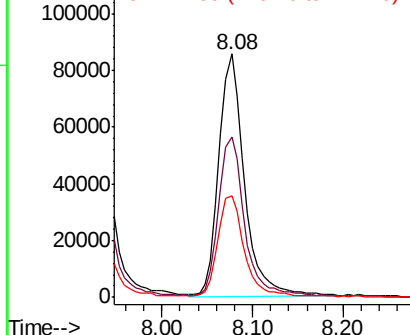


Abundance

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: 41.722 ng

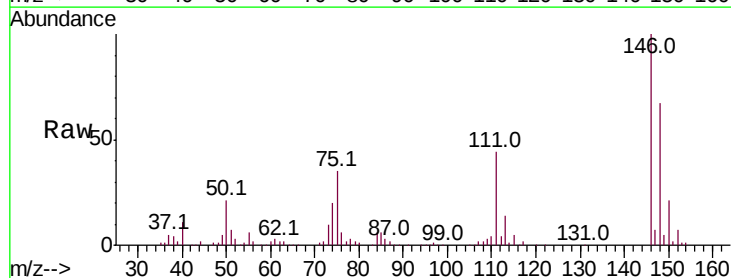
RT: 8.39 min Scan# 869

Delta R.T. -0.01 min

Lab File: BG037138.D

Acq: 3 Oct 2018 18:02

Tgt Ion:	146	Resp:	163204
Ion Ratio	Lower	Upper	
146	100		
148	66.8	55.0	82.6
111	44.0	34.6	51.8

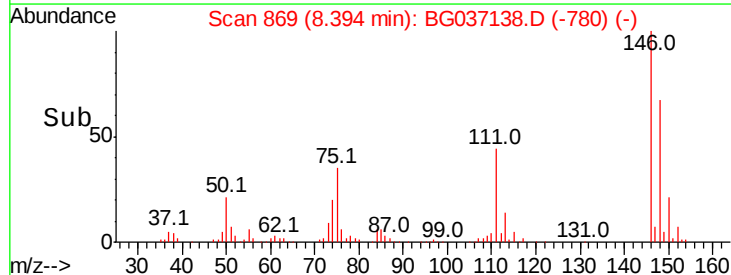
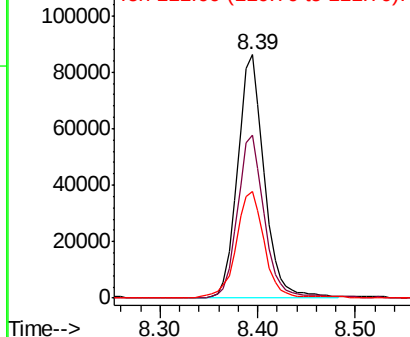


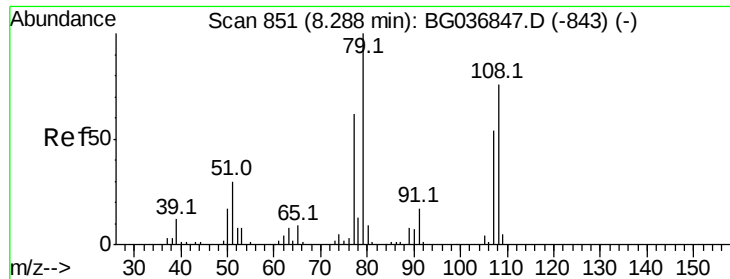
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.328 ng

RT: 8.28 min Scan# 849

Delta R.T. -0.01 min

Lab File: BG037138.D

Acq: 3 Oct 2018 18:02

Instrument :

BNA_G

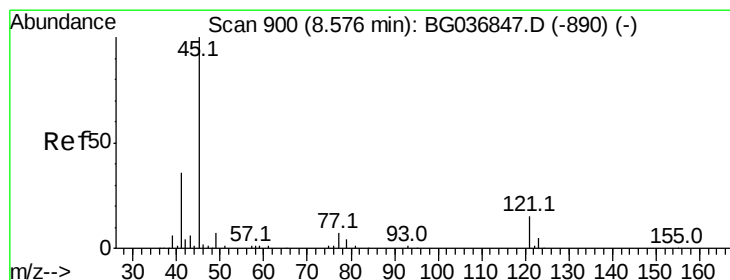
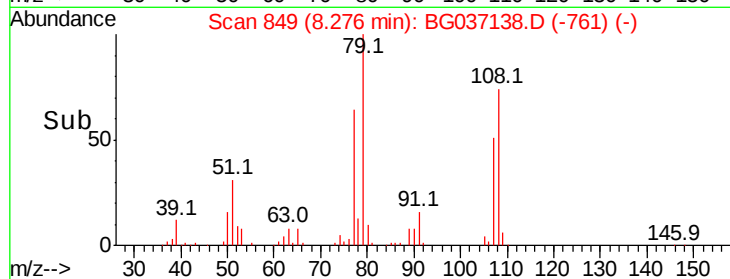
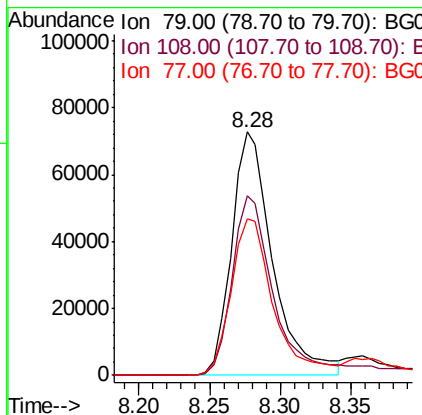
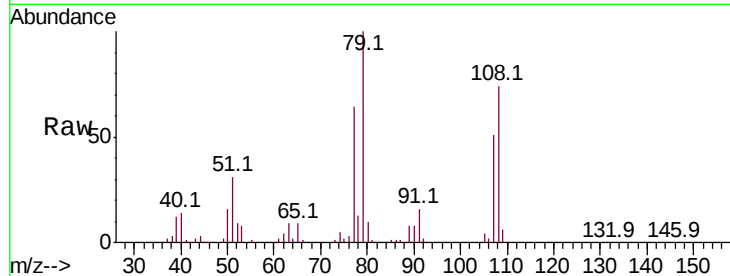
ClientSampled :

CG-SOIL-2MSD

Tot Ion:	79	Resp:	147241
Ion Ratio	Lower	Upper	
79	100		
108	74.0	55.9	83.9
77	64.4	50.0	75.0

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#16

2,2'-oxybis(1-chloropropane)

Concen: 42.807 ng

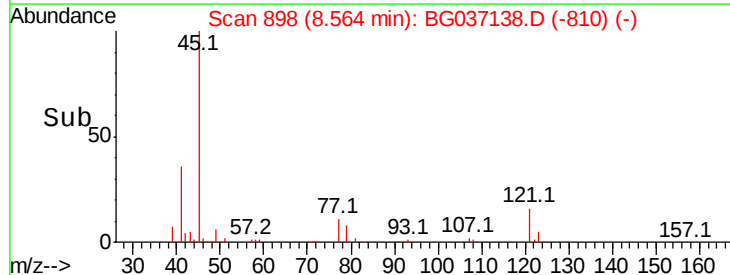
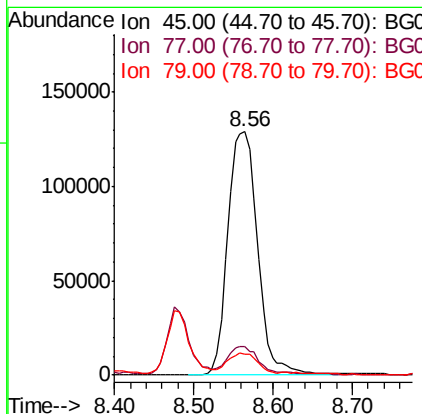
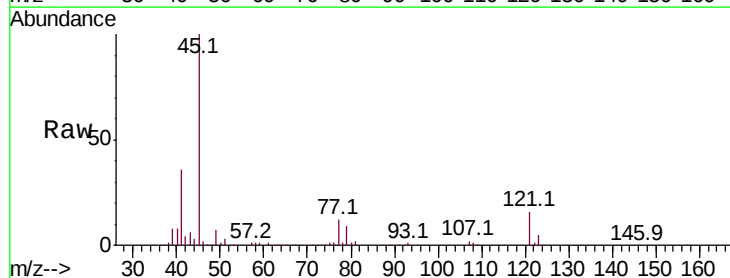
RT: 8.56 min Scan# 898

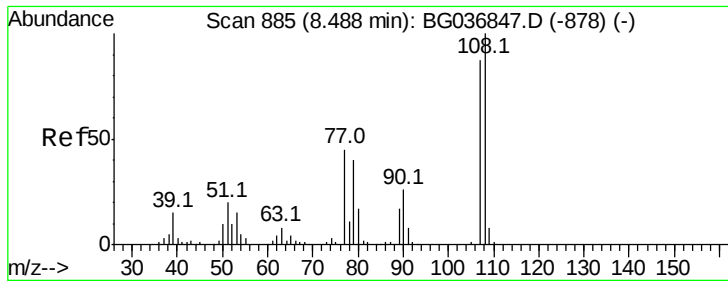
Delta R.T. -0.01 min

Lab File: BG037138.D

Acq: 3 Oct 2018 18:02

Tgt Ion:	45	Resp:	336352
Ion Ratio	Lower	Upper	
45	100		
77	11.6	0.0	30.5
79	8.8	0.0	27.9





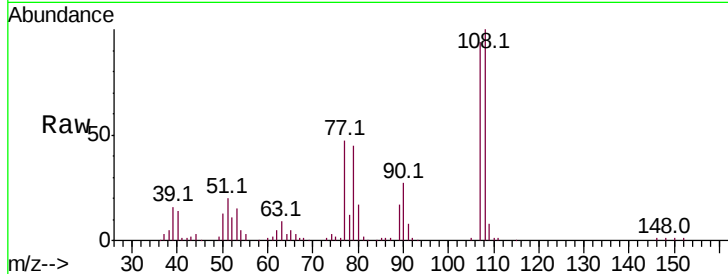
#17
2-Methylphenol
Concen: 45.985 ng
RT: 8.48 min Scan# 883
Delta R.T. -0.01 min
Lab File: BG037138.D
Acq: 3 Oct 2018 18:02

Instrument :
BNA_G
ClientSampleId :
CG-SOIL-2MSD

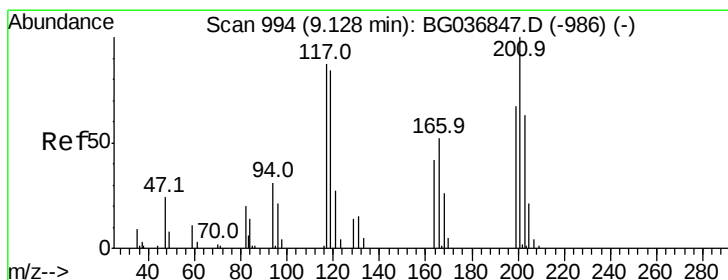
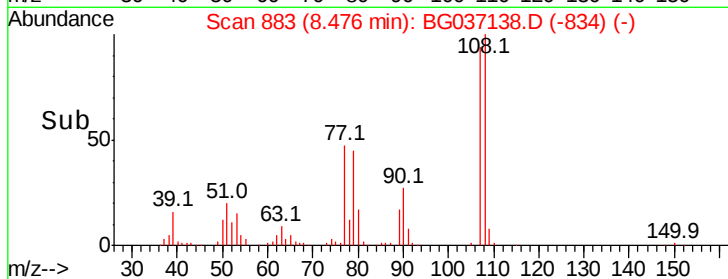
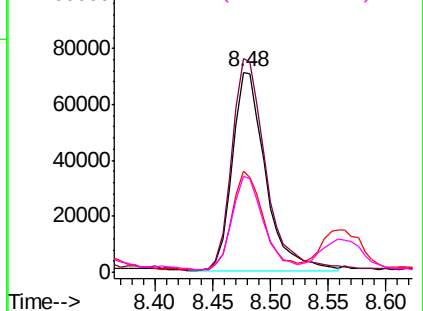
Tot Ion:	107	Resp:	141723
Ion Ratio	Lower	Upper	
107	100		
108	106.9	86.7	130.1
77	50.7	39.0	58.4
79	48.2	36.6	54.8

Manual Integrations
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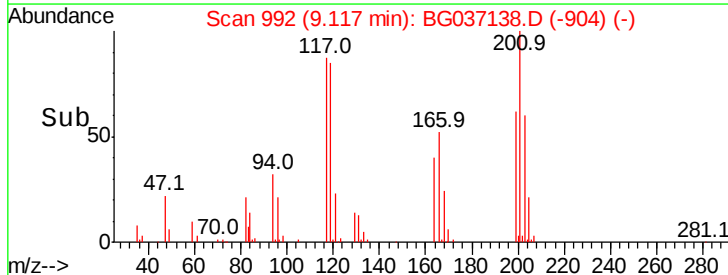
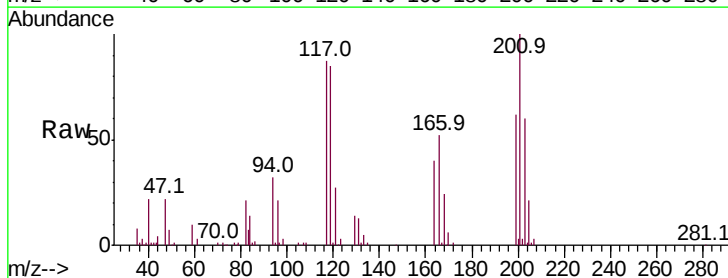
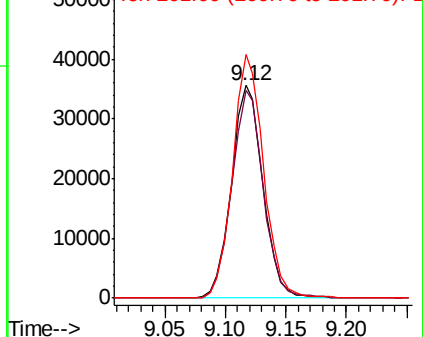
Abundance Ion 107.00 (106.70 to 107.70): E
120000
Ion 108.00 (107.70 to 108.70): E
100000
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

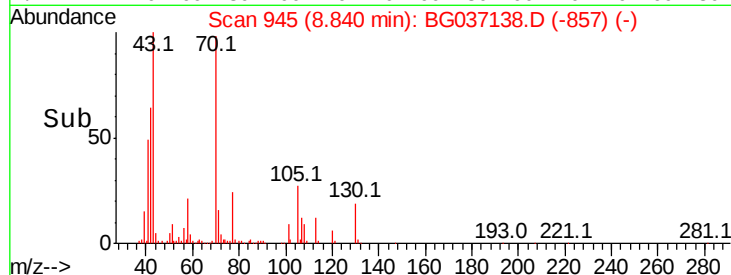
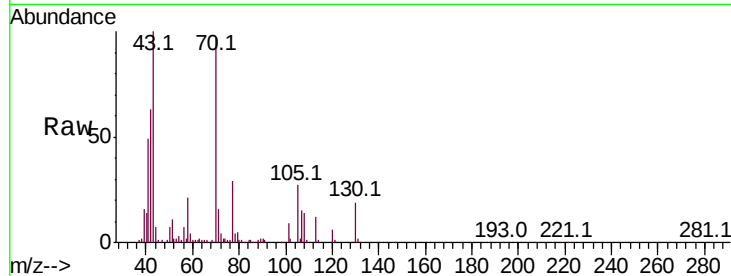
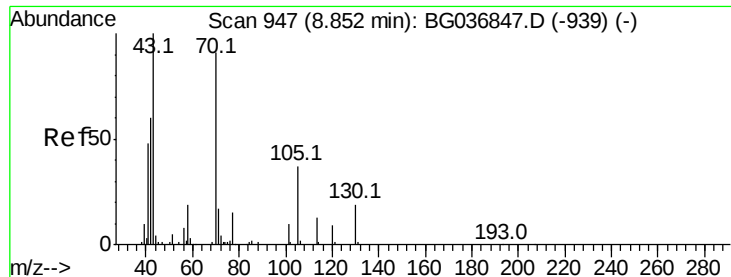


#18
Hexachloroethane
Concen: 43.317 ng
RT: 9.12 min Scan# 992
Delta R.T. -0.01 min
Lab File: BG037138.D
Acq: 3 Oct 2018 18:02

Tgt Ion:	117	Resp:	64346
Ion Ratio	Lower	Upper	
117	100		
119	97.6	76.8	115.2
201	114.6	85.7	128.5

Abundance Ion 117.00 (116.70 to 117.70): E
50000
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





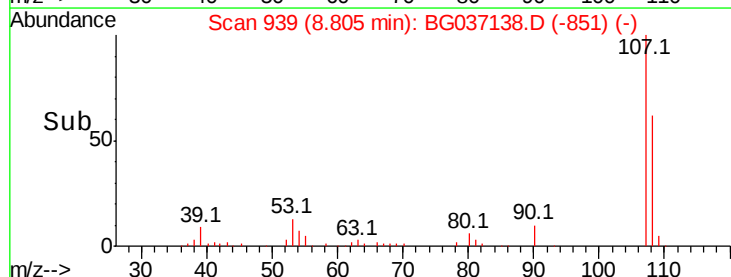
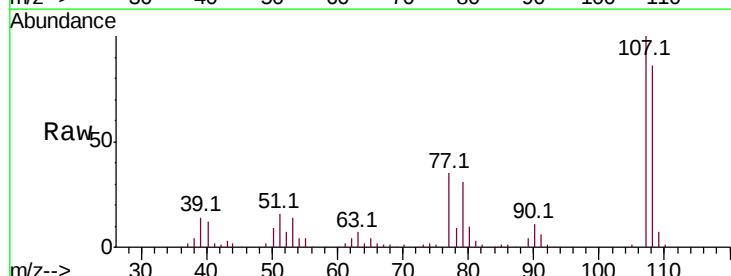
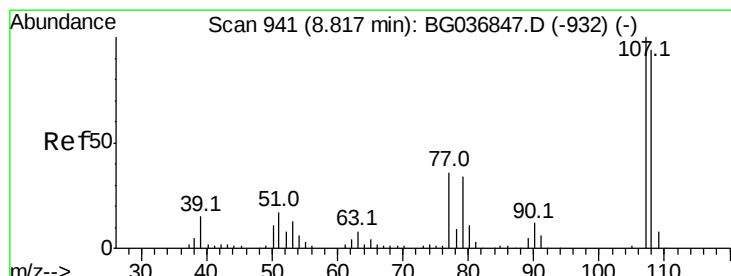
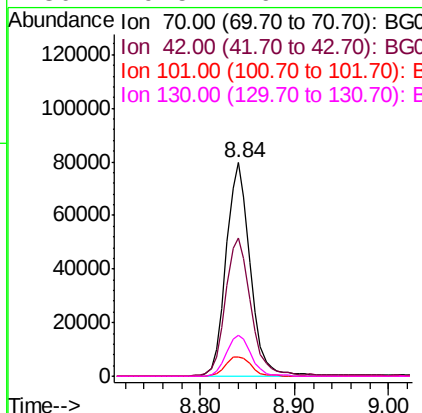
#19
n-Nitroso-di-n-propylamine
Concen: 39.770 ng
RT: 8.84 min Scan# 945
Delta R.T. -0.01 min
Lab File: BG037138.D
Acq: 3 Oct 2018 18:02

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	65.0	56.2	84.4	
101	9.2	7.8	11.6	
130	19.5	16.2	24.2	

Instrument :
BNA_G
ClientSampleId :
CG-SOIL-2MSD

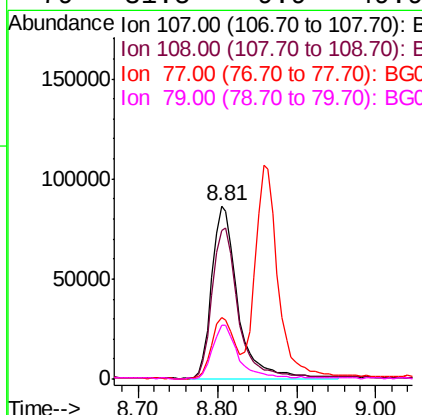
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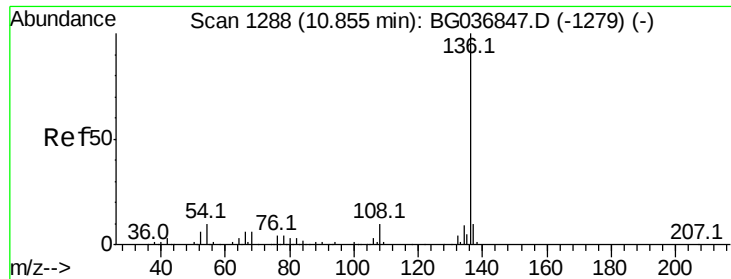
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#20
3+4-Methylphenols
Concen: 45.973 ng
RT: 8.81 min Scan# 939
Delta R.T. -0.01 min
Lab File: BG037138.D
Acq: 3 Oct 2018 18:02

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	85.7	68.0	108.0	
77	35.5	15.6	55.6	
79	31.5	9.9	49.9	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.84 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BG037138.D

Acq: 3 Oct 2018 18:02

Instrument :

BNA_G

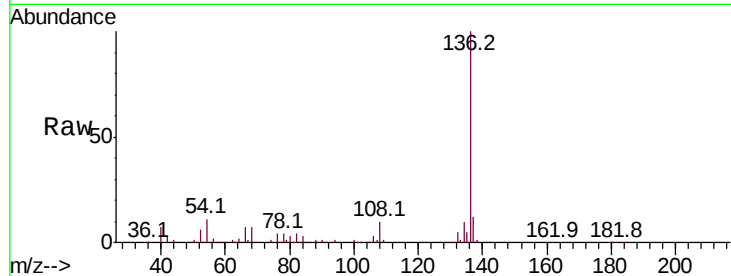
ClientSampleId :

CG-SOIL-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	222369		
137	11.8		8.8	13.2
54	10.8		9.2	13.8
68	6.7		5.8	8.6

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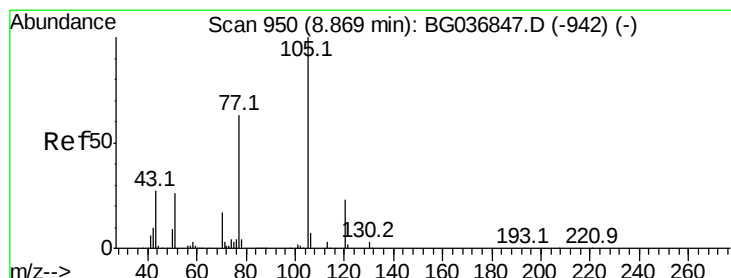
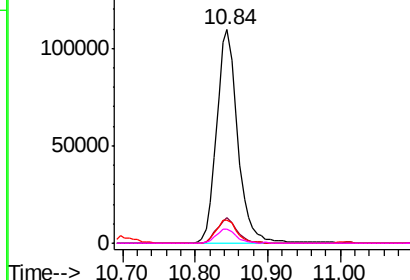
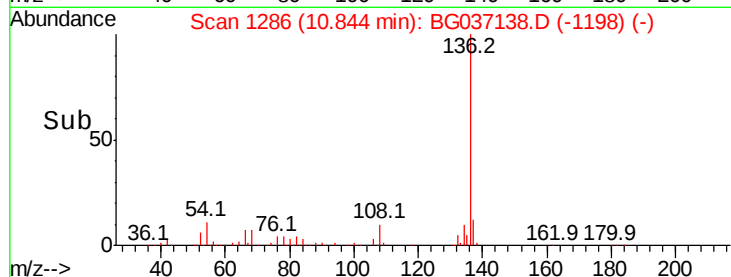
Abundance

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: 48.032 ng

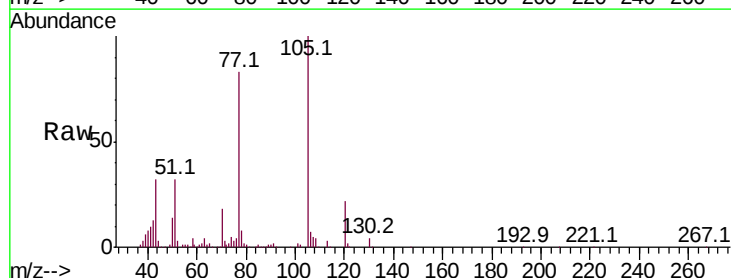
RT: 8.86 min Scan# 948

Delta R.T. -0.01 min

Lab File: BG037138.D

Acq: 3 Oct 2018 18:02

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	250998		
71	2.9		2.4	3.6
51	32.3		25.9	38.9
120	22.2		19.4	29.0



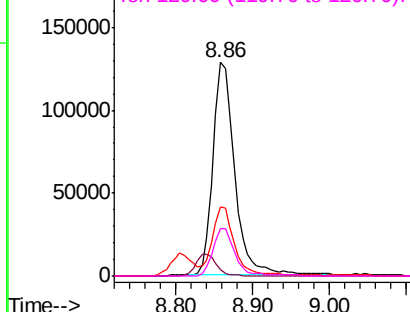
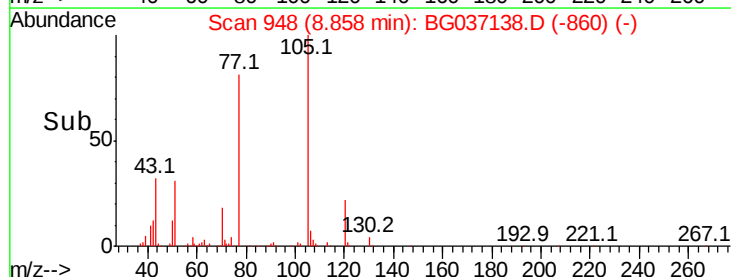
Abundance

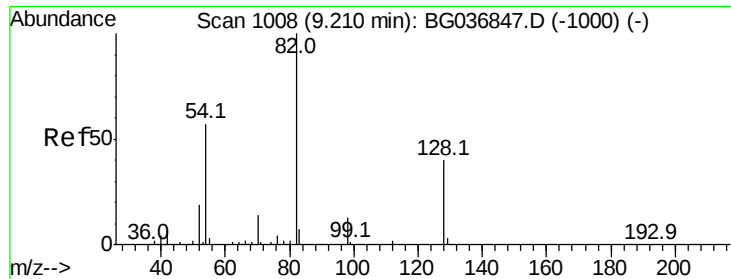
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





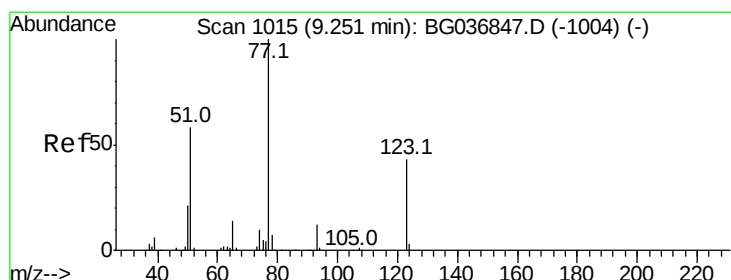
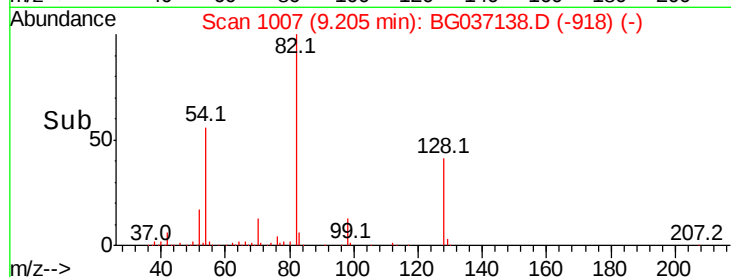
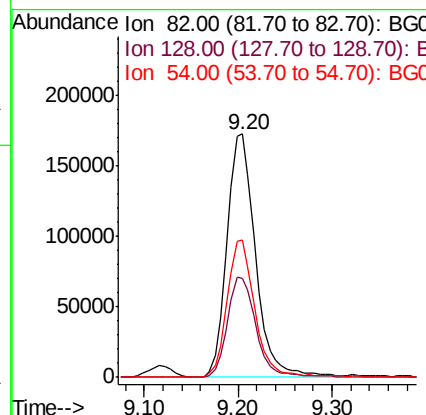
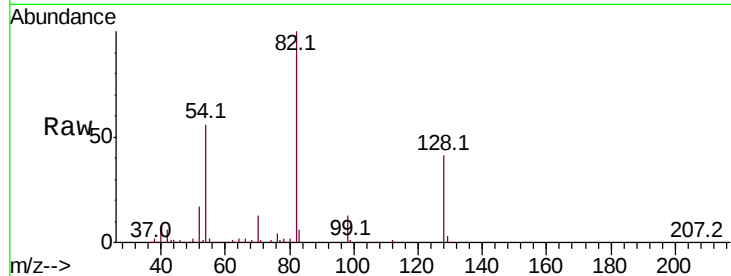
#23
Nitrobenzene-d5
Concen: 87.537 ng
RT: 9.20 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG037138.D
Acq: 3 Oct 2018 18:02

Instrument :
BNA_G
ClientSampleId :
CG-SOIL-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	40.6	33.3	49.9	
54	56.4	45.1	67.7	

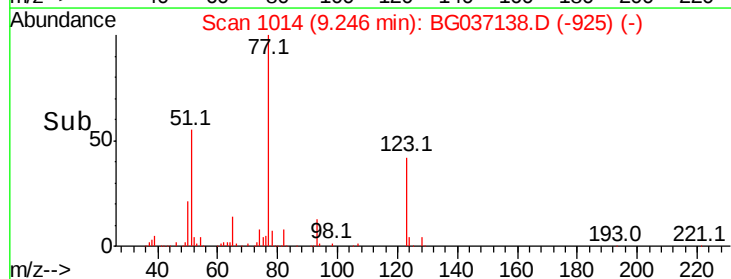
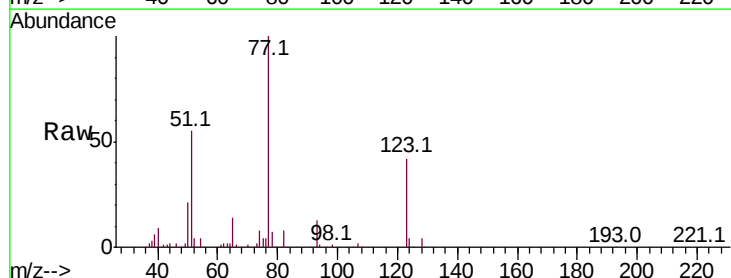
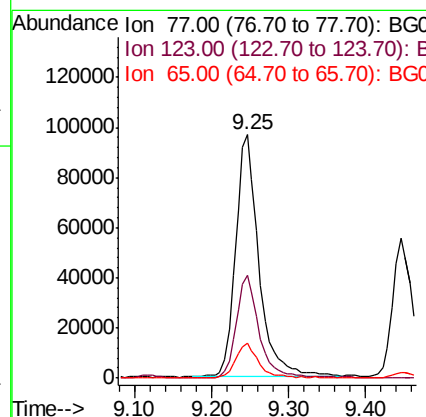
Manual Integrations
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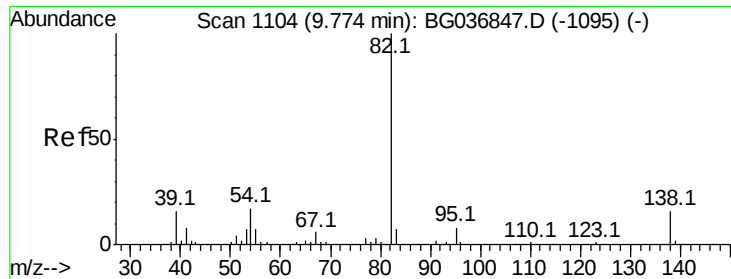
Sohil
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#24
Nitrobenzene
Concen: 46.294 ng
RT: 9.25 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BG037138.D
Acq: 3 Oct 2018 18:02

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	42.3	32.4	48.6	
65	14.4	11.5	17.3	





#25

Isophorone

Concen: 51.395 ng

RT: 9.76 min Scan# 1101

Delta R.T. -0.02 min

Lab File: BG037138.D

Acq: 3 Oct 2018 18:02

Instrument :

BNA_G

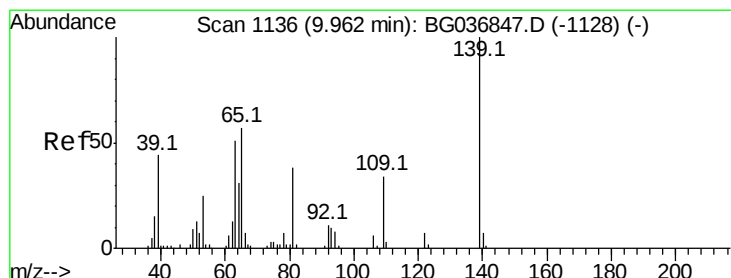
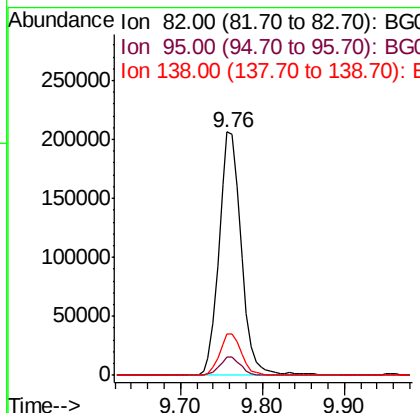
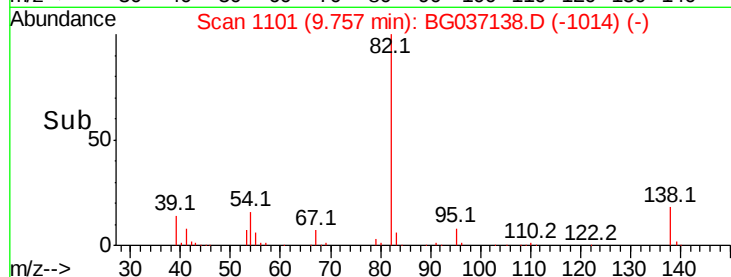
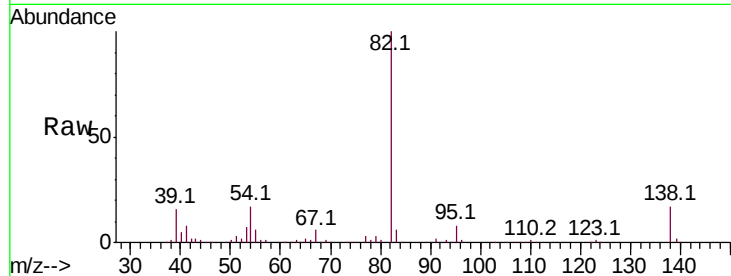
ClientSampleId :

CG-SOIL-2MSD

Tot Ion:	82	Resp:	389955
Ion Ratio	Lower	Upper	
82	100		
95	7.7	5.8	8.8
138	16.9	12.9	19.3

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10/4/2018 12:59:20 PM



#26

2-Nitrophenol

Concen: 51.576 ng

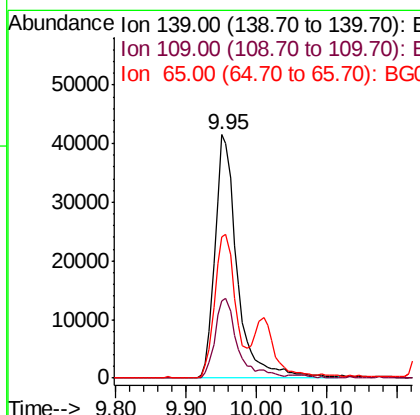
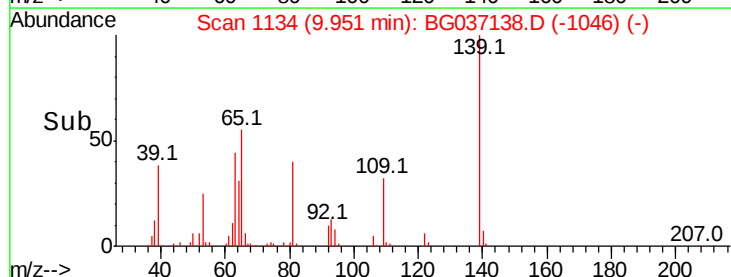
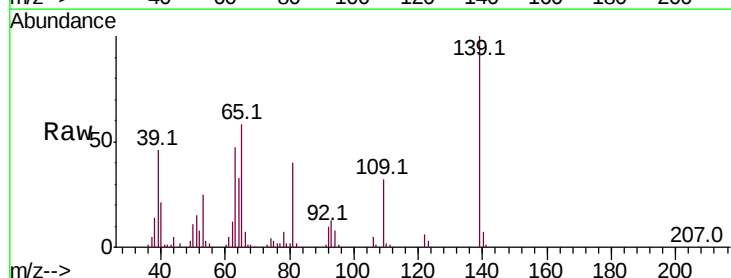
RT: 9.95 min Scan# 1134

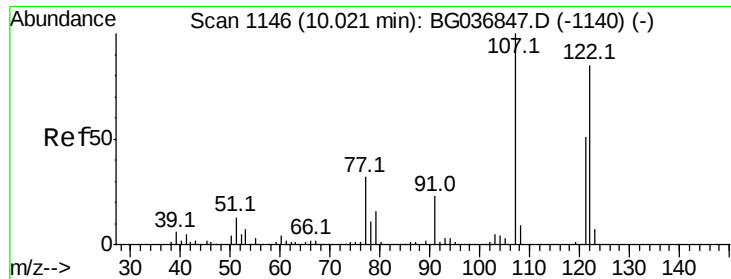
Delta R.T. -0.01 min

Lab File: BG037138.D

Acq: 3 Oct 2018 18:02

Tgt Ion:	139	Resp:	91163
Ion Ratio	Lower	Upper	
139	100		
109	31.9	27.4	41.0
65	58.2	47.8	71.6





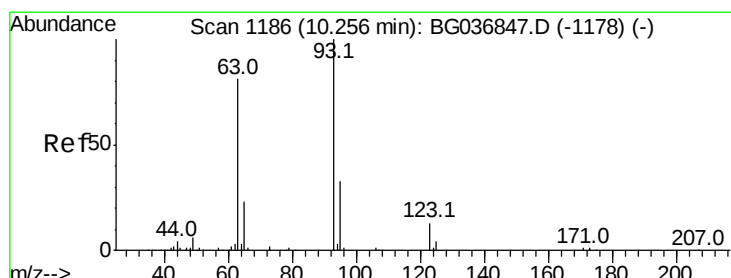
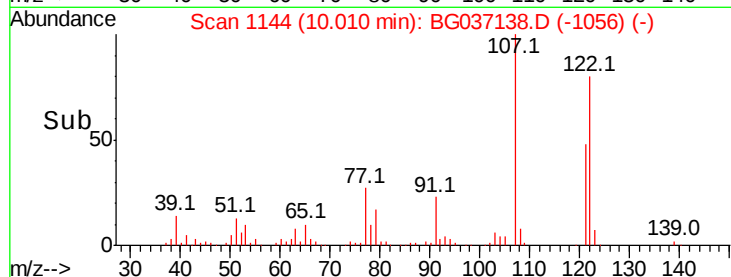
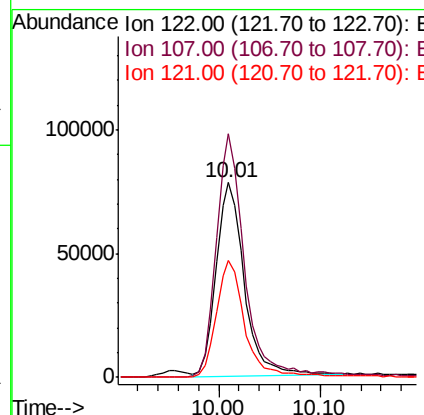
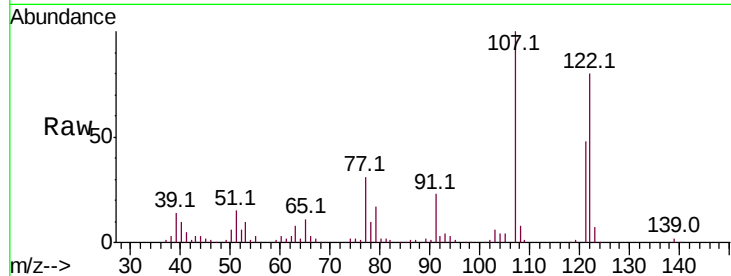
#27
2,4-Dimethylphenol
Concen: 54.263 ng
RT: 10.01 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BG037138.D
Acq: 3 Oct 2018 18:02

Instrument :
BNA_G
ClientSampled :
CG-SOIL-2MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	125.1	96.0	144.0
121	60.3	48.2	72.4

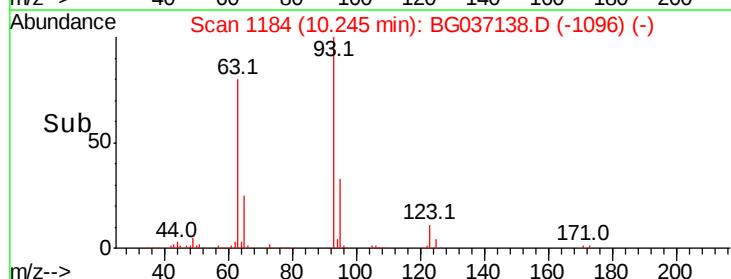
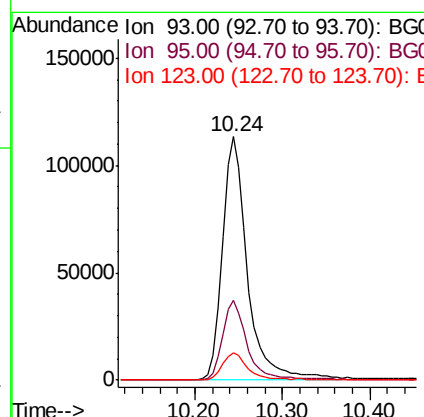
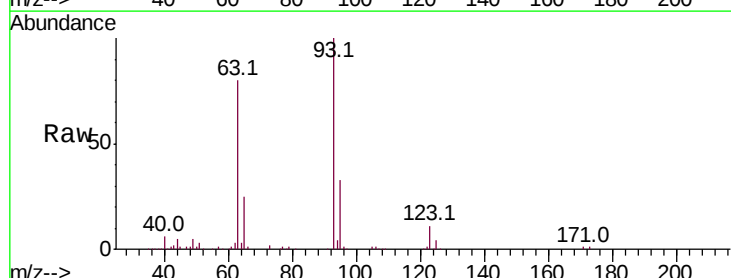
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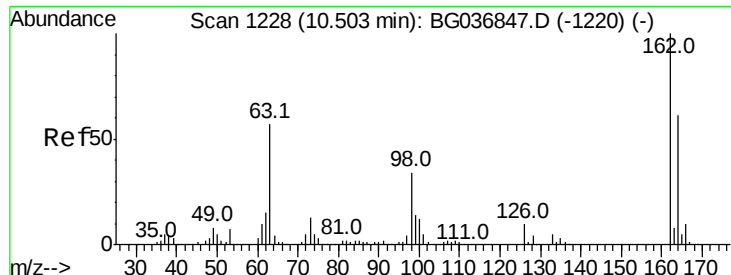
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#28
bis(2-Chloroethoxy)methane
Concen: 48.058 ng
RT: 10.24 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BG037138.D
Acq: 3 Oct 2018 18:02

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	25.2	37.8
123	11.2	8.6	12.8





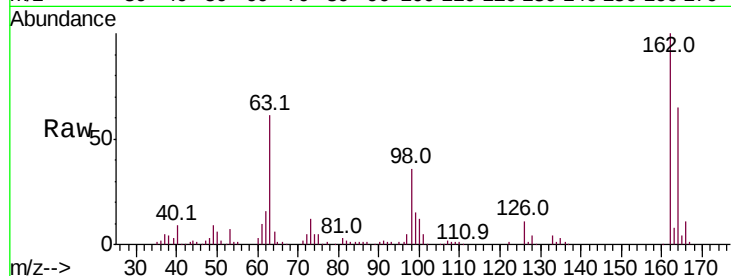
#29
 2,4-Dichlorophenol
 Concen: 49.389 ng
 RT: 10.49 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BG037138.D
 Acq: 3 Oct 2018 18:02

Instrument :
 BNA_G
 ClientSampleId :
 CG-SOIL-2MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.3	47.6	87.6
98	35.7	19.2	59.2

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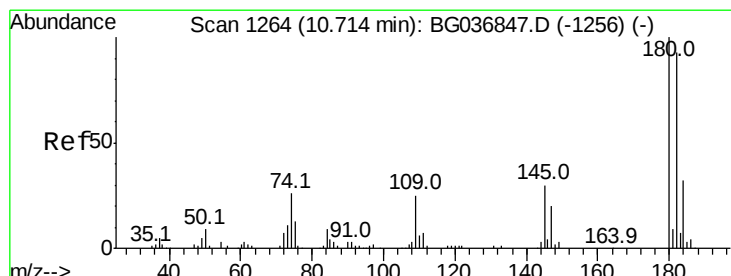
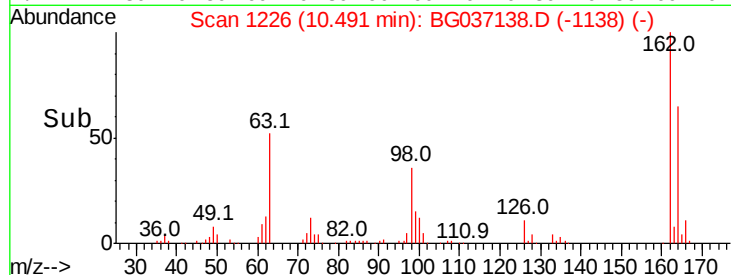
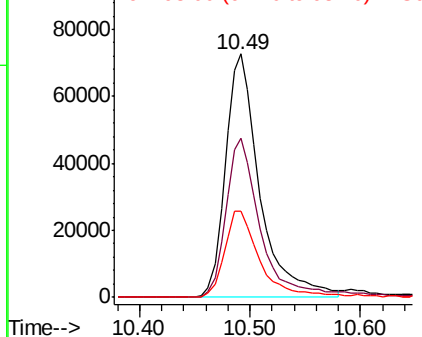


Abundance

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: 43.056 ng
 RT: 10.70 min Scan# 1262
 Delta R.T. -0.01 min
 Lab File: BG037138.D
 Acq: 3 Oct 2018 18:02

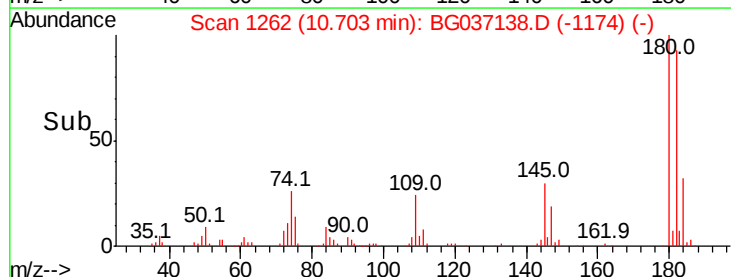
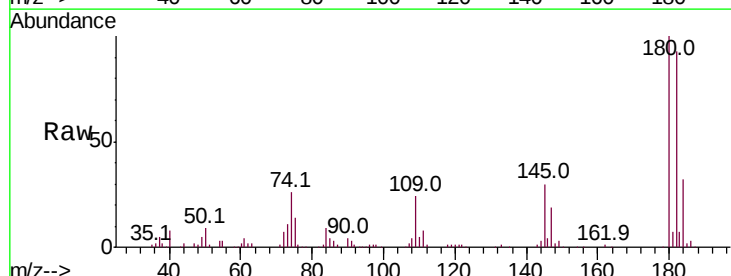
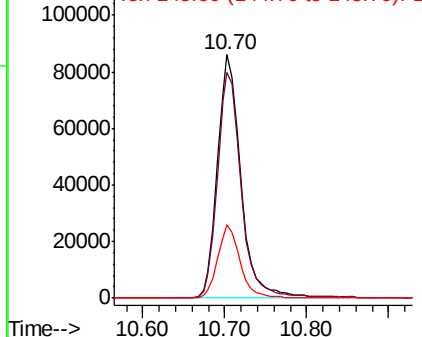
Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.5	76.0	114.0
145	30.0	22.9	34.3

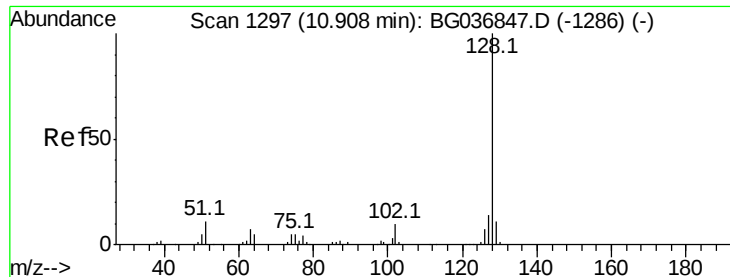
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





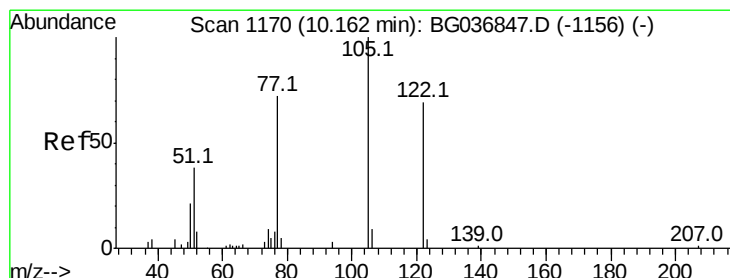
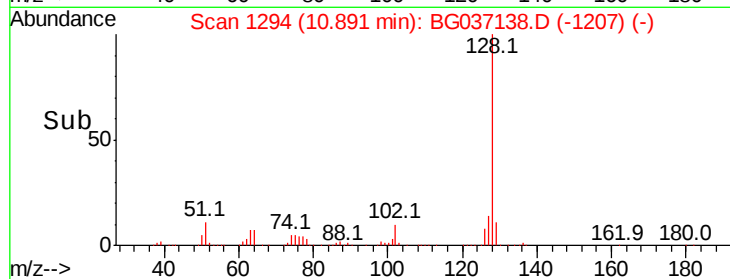
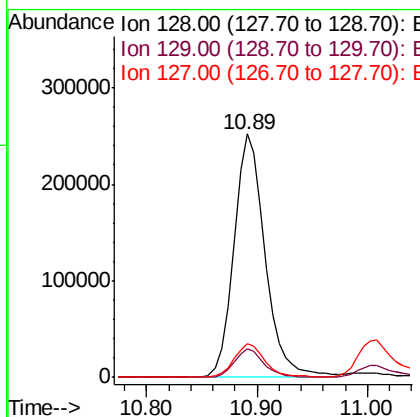
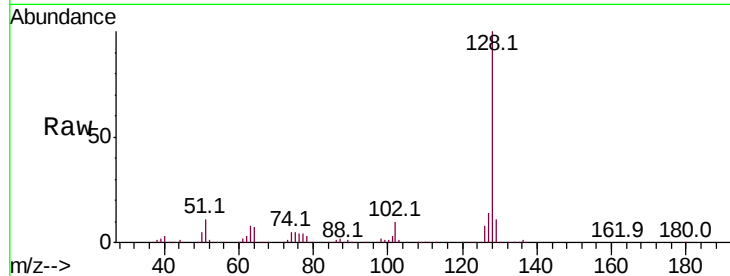
#31
Naphthalene
Concen: 47.168 ng
RT: 10.89 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BG037138.D
Acq: 3 Oct 2018 18:02

Instrument :
BNA_G
ClientSampleId :
CG-SOIL-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.5	9.4	14.2	
127	14.1	11.0	16.4	

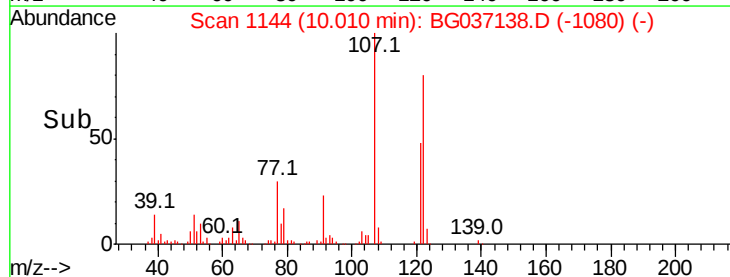
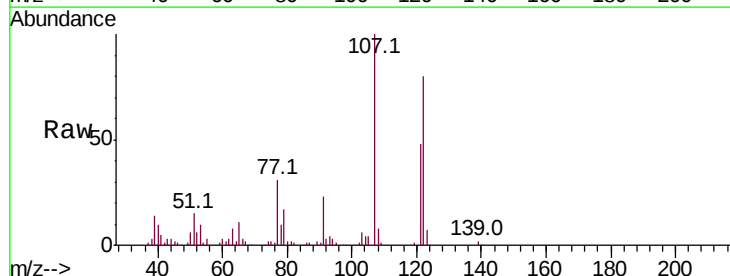
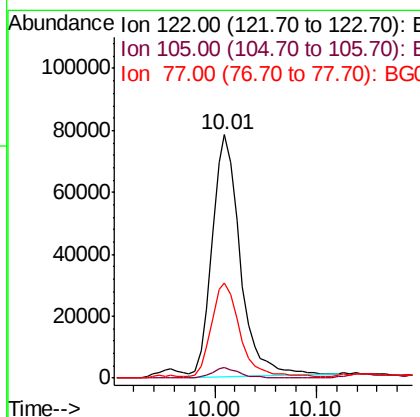
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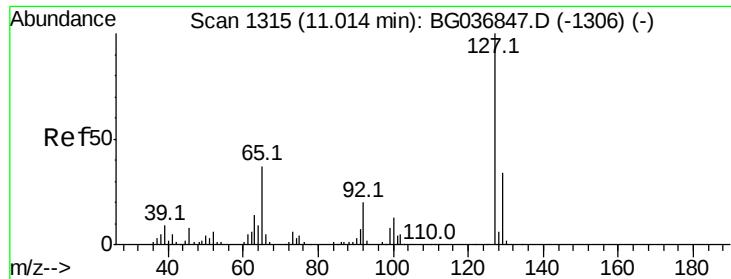
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#32
Benzoic acid
Concen: 68.057 ng
RT: 10.01 min Scan# 1144
Delta R.T. -0.15 min
Lab File: BG037138.D
Acq: 3 Oct 2018 18:02

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	4.4	108.1	148.1#	
77	38.9	76.3	116.3#	





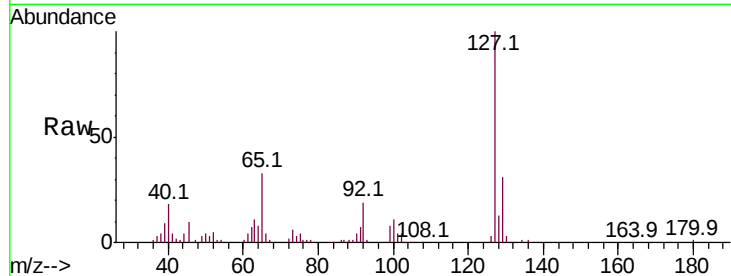
#33
4-Chloroaniline
Concen: 20.385 ng
RT: 11.01 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BG037138.D
Acq: 3 Oct 2018 18:02

Instrument :
BNA_G
ClientSampleId :
CG-SOIL-2MSD

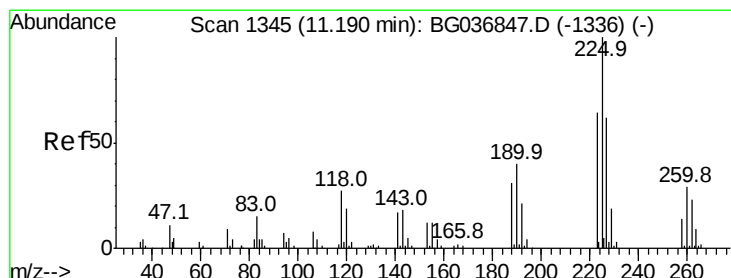
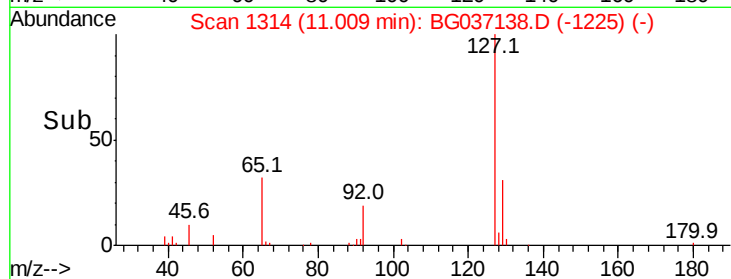
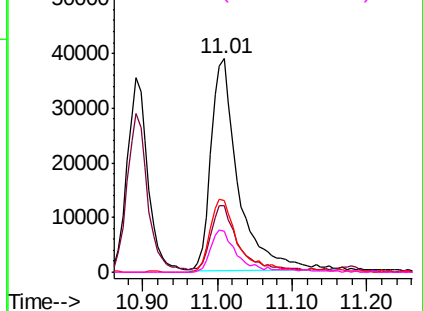
Tot Ion	Ratio	Lower	Upper
127	100		
129	31.3	25.9	38.9
65	33.5	27.5	41.3
92	19.4	16.2	24.2

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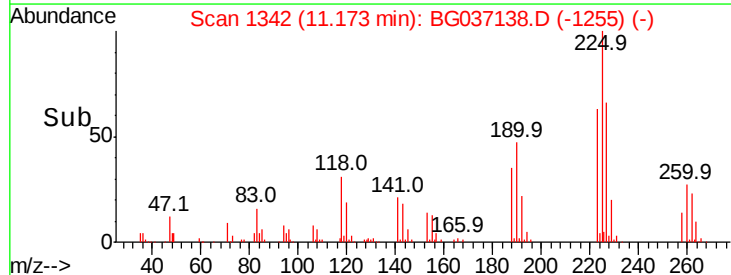
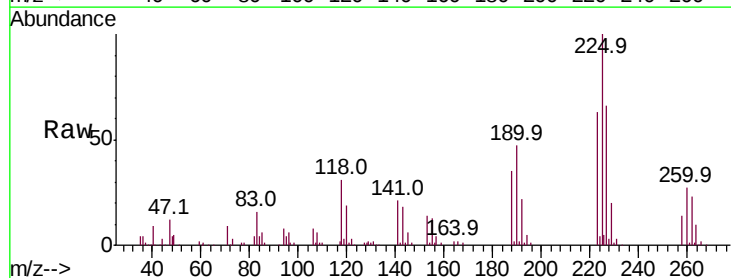
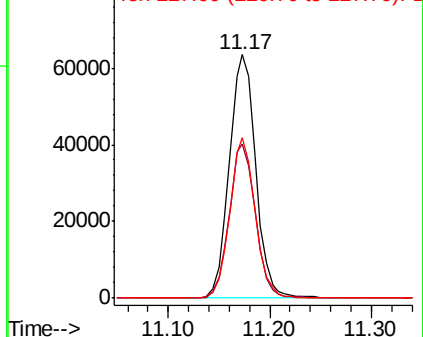
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

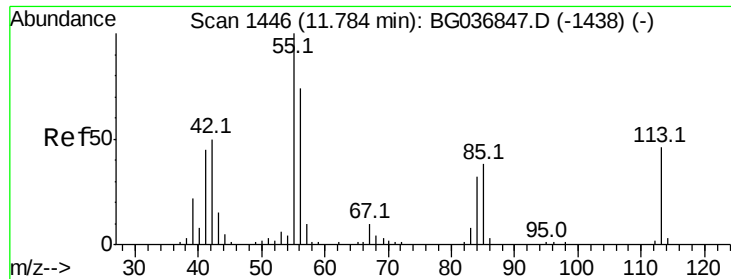


#34
Hexachlorobutadiene
Concen: 41.436 ng
RT: 11.17 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BG037138.D
Acq: 3 Oct 2018 18:02

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	51.8	77.8
227	65.9	49.8	74.6

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





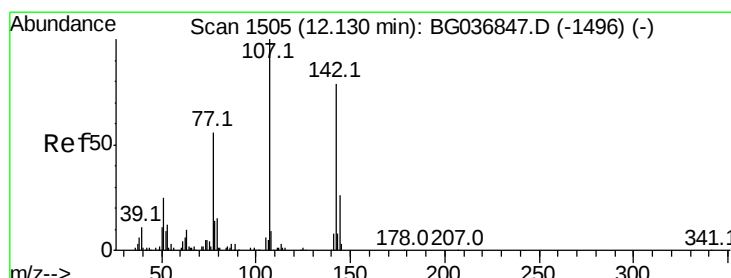
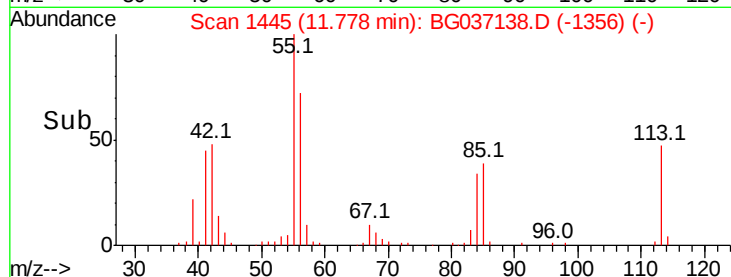
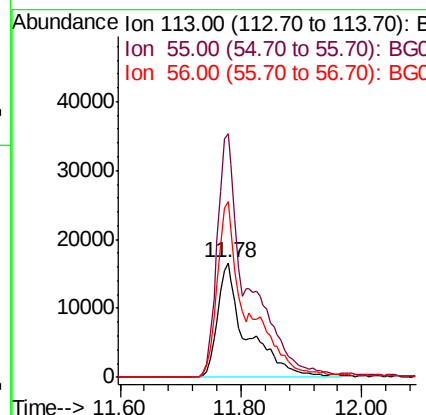
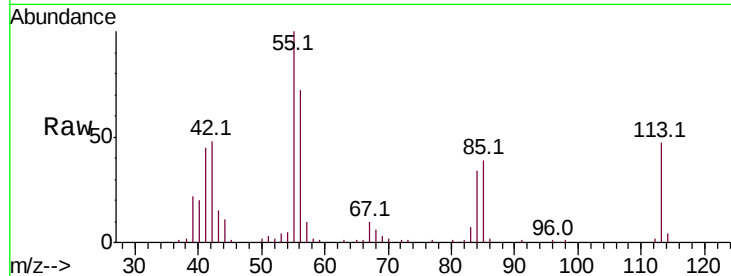
#35
 Caprolactam
 Concen: 42.658 ng/ml
 RT: 11.78 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BG037138.D
 Acq: 3 Oct 2018 18:02

Instrument :
 BNA_G
 ClientSampleId :
 CG-SOIL-2MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	212.3	197.7	237.7
56	153.3	131.7	171.7

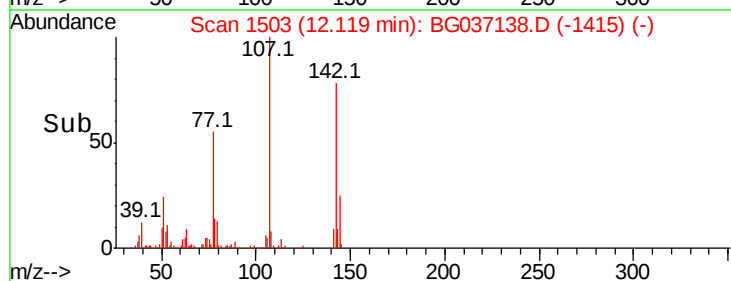
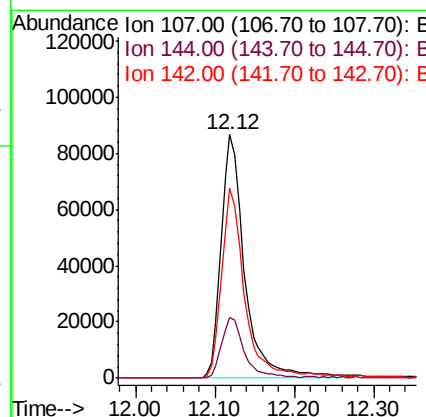
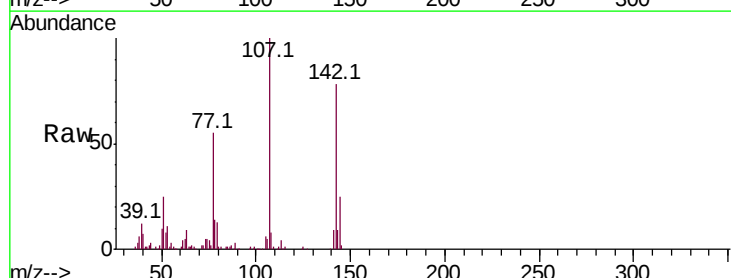
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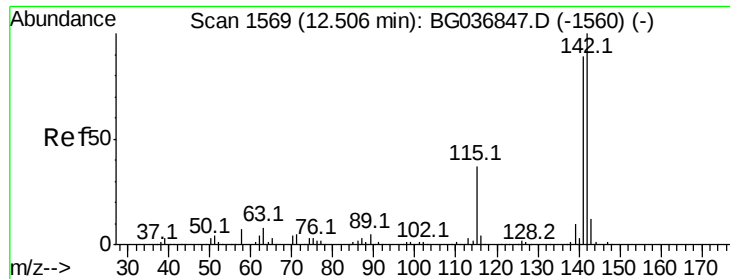
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#36
 4-Chloro-3-methylphenol
 Concen: 47.076 ng/ml
 RT: 12.12 min Scan# 1503
 Delta R.T. -0.01 min
 Lab File: BG037138.D
 Acq: 3 Oct 2018 18:02

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.7	19.5	29.3
142	78.0	62.4	93.6





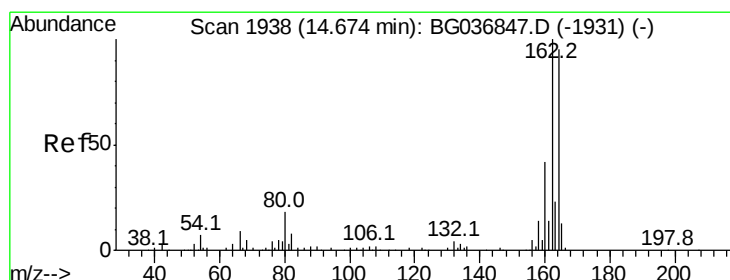
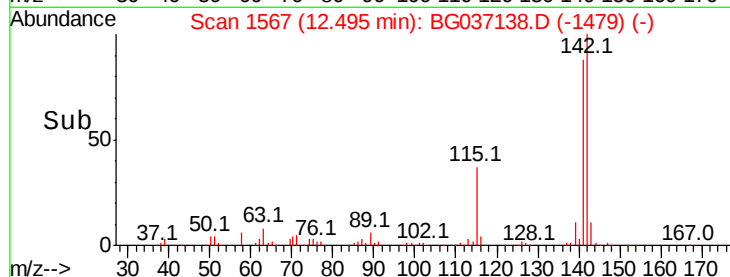
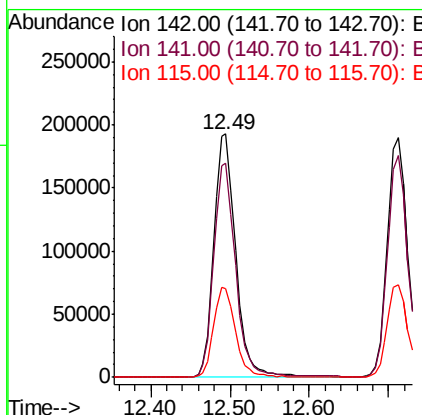
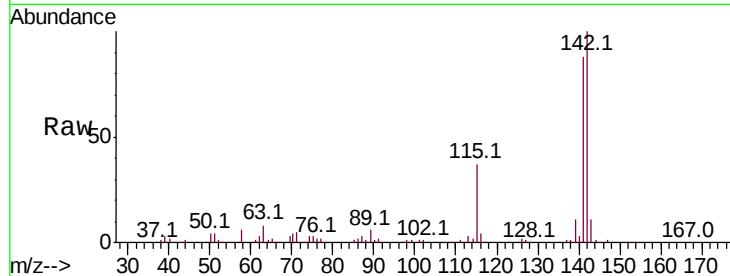
#37
2-Methylnaphthalene
Concen: 45.931 ng
RT: 12.49 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BG037138.D
Acq: 3 Oct 2018 18:02

Instrument :
BNA_G
ClientSampleId :
CG-SOIL-2MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.7	68.5	102.7
115	36.7	29.8	44.8

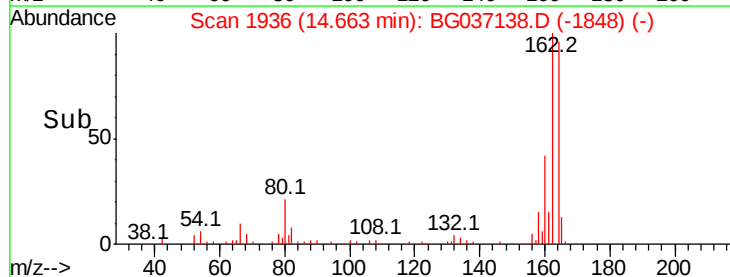
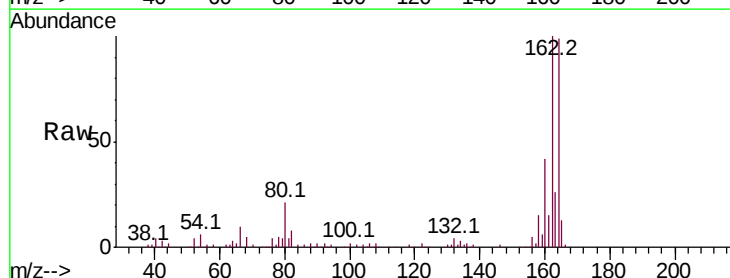
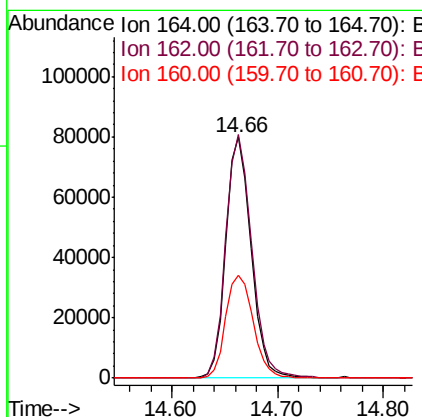
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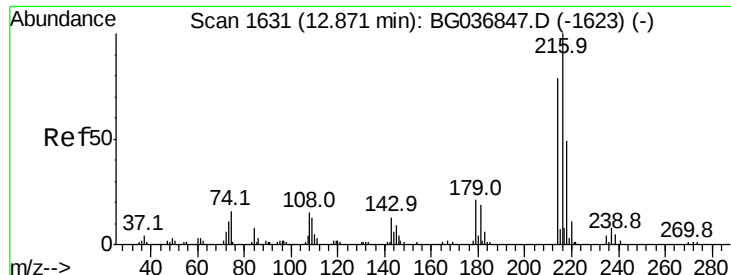
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BG037138.D
Acq: 3 Oct 2018 18:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.2	80.7	121.1
160	43.0	35.3	52.9





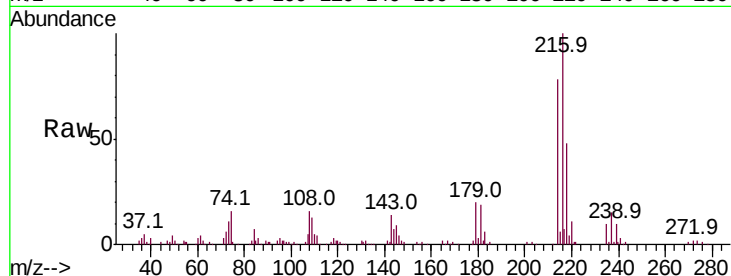
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.970 ng
 RT: 12.86 min Scan# 1629
 Delta R.T. -0.01 min
 Lab File: BG037138.D
 Acq: 3 Oct 2018 18:02

Instrument :
 BNA_G
 ClientSampleId :
 CG-SOIL-2MSD

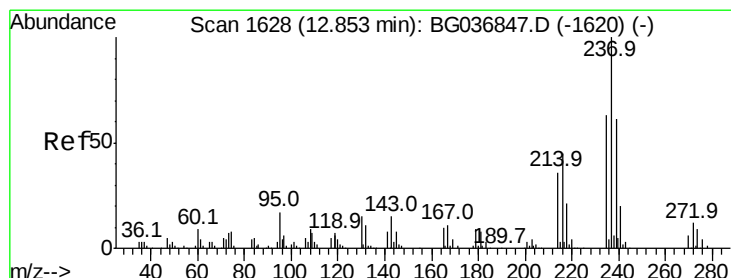
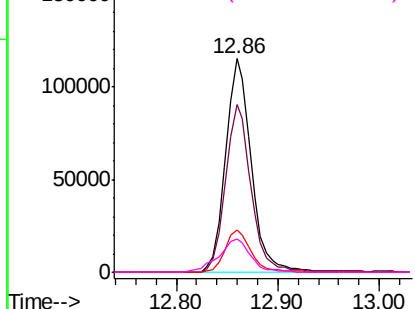
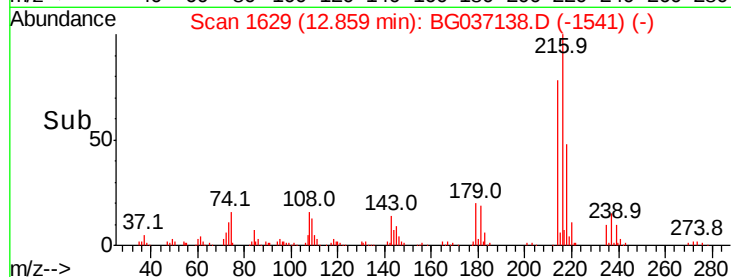
Tot Ion	Ratio	Lower	Upper
216	100		
214	78.2	61.0	91.6
179	20.0	15.7	23.5
108	19.1	13.1	19.7

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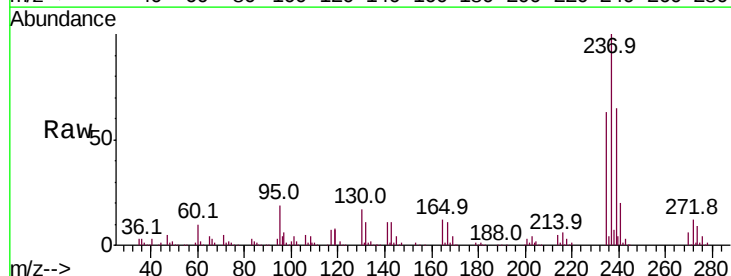


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

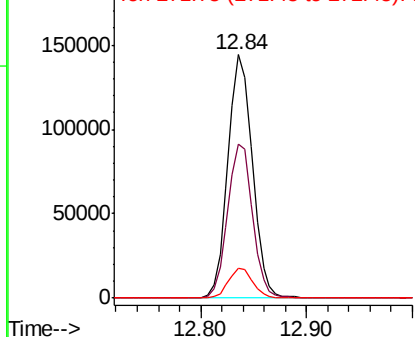
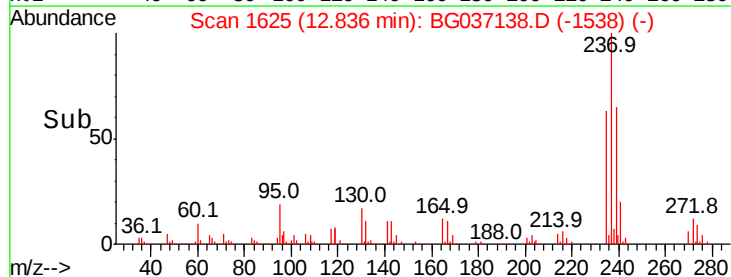


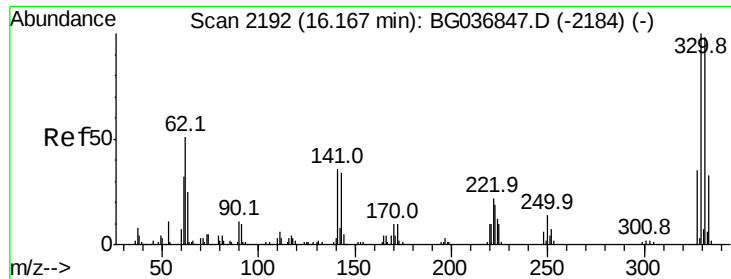
#40
 Hexachlorocyclopentadiene
 Concen: 97.664 ng
 RT: 12.84 min Scan# 1625
 Delta R.T. -0.02 min
 Lab File: BG037138.D
 Acq: 3 Oct 2018 18:02

Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.1	42.2	82.2
272	12.5	0.0	32.1



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





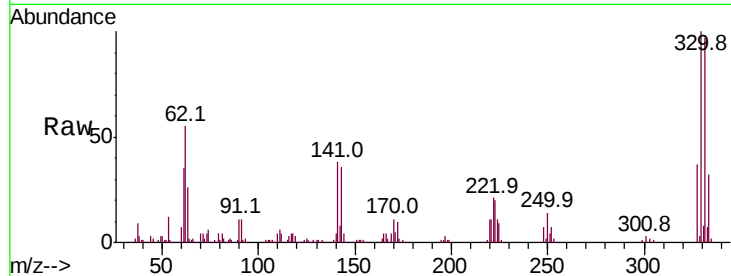
#41
 2,4,6-Tribromophenol
 Concen: 123.996 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG037138.D
 Acq: 3 Oct 2018 18:02

Instrument :
 BNA_G
 ClientSampleId :
 CG-SOIL-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	195859		
332	96.4	75.4	113.2	
141	40.0	30.7	46.1	

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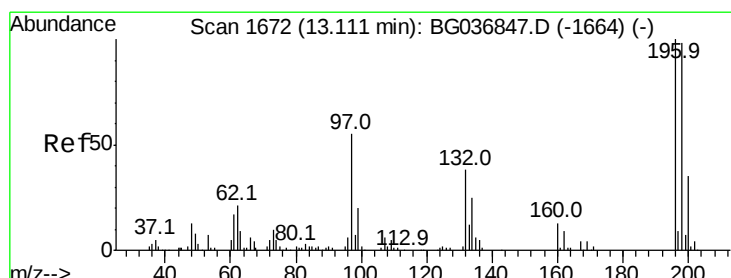
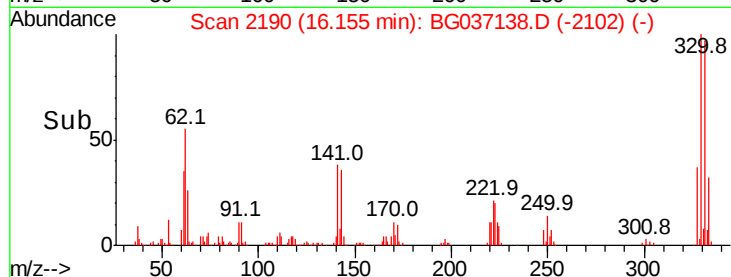
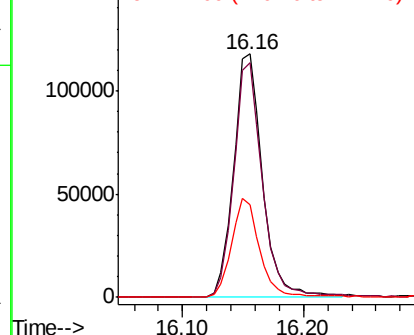


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 50.186 ng
 RT: 13.10 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BG037138.D
 Acq: 3 Oct 2018 18:02

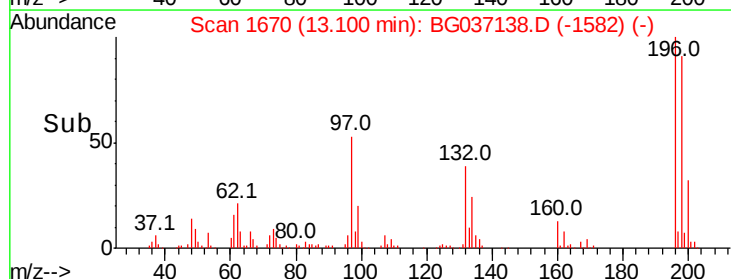
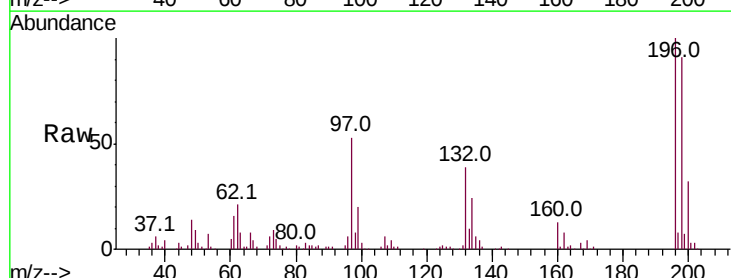
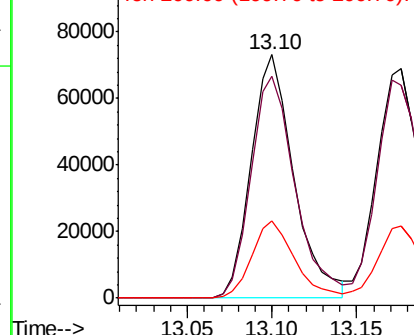
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	128326		
198	90.9	77.2	115.8	
200	31.7	26.3	39.5	

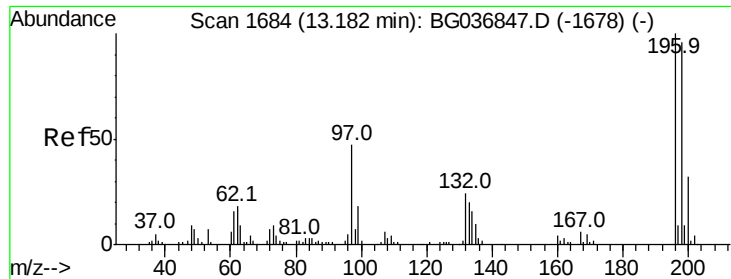
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





#43

2,4,5-Trichlorophenol

Concen: 51.842 ng

RT: 13.18 min Scan# 1683

Delta R.T. -0.01 min

Lab File: BG037138.D

Acq: 3 Oct 2018 18:02

Instrument :

BNA_G

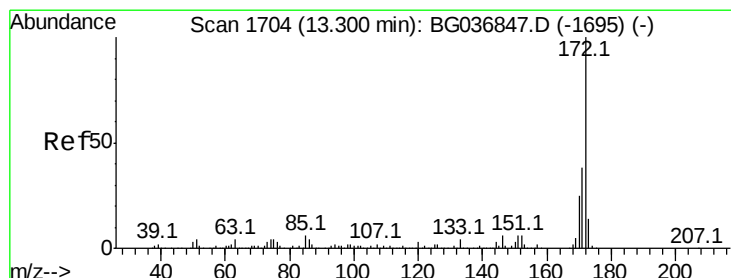
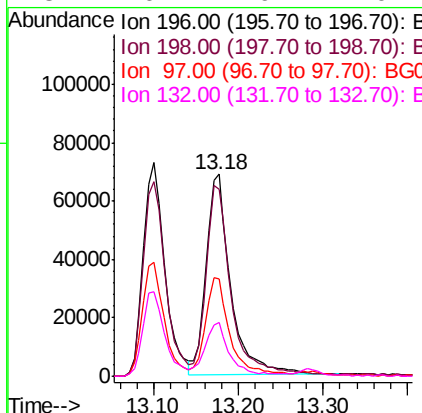
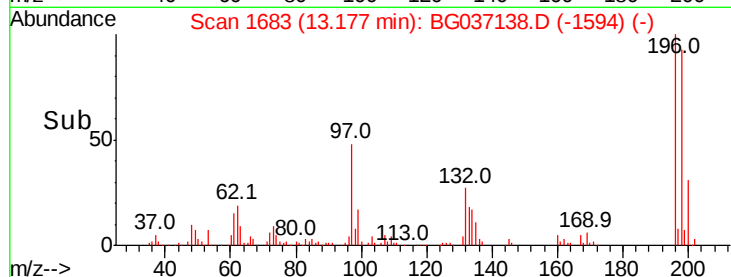
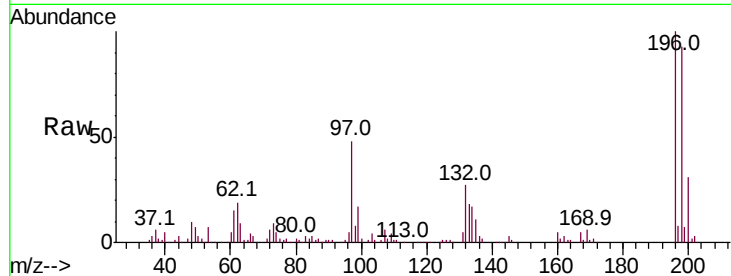
ClientSampleId :

CG-SOIL-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	141351		
198	92.5	75.6	113.4	
97	48.0	37.2	55.8	
132	26.7	19.4	29.2	

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#44

2-Fluorobiphenyl

Concen: 81.085 ng

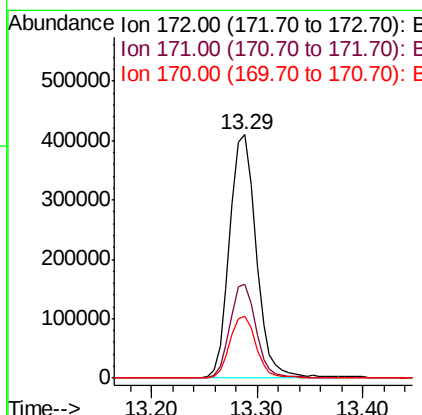
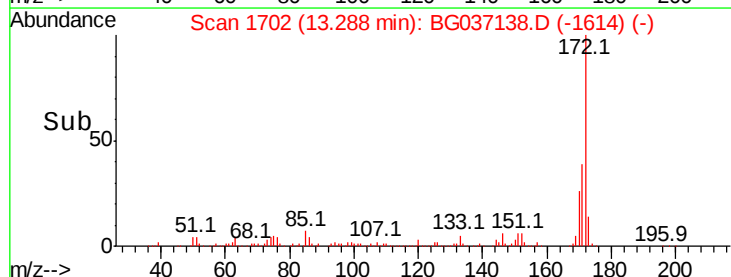
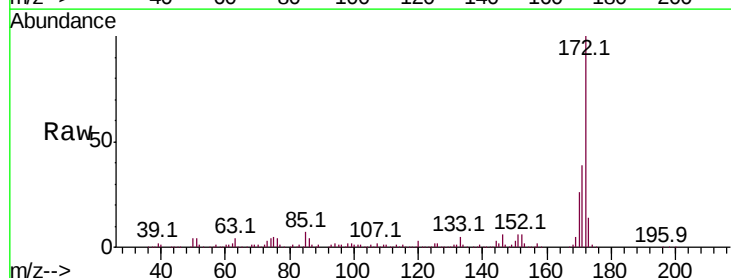
RT: 13.29 min Scan# 1702

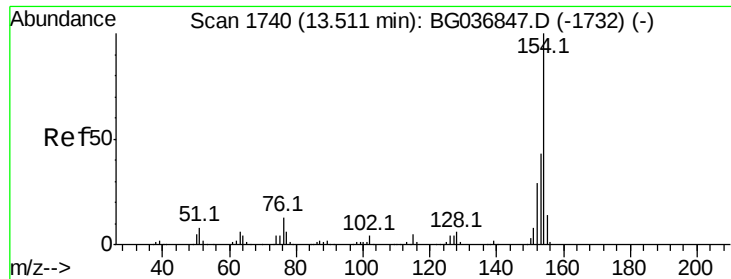
Delta R.T. -0.01 min

Lab File: BG037138.D

Acq: 3 Oct 2018 18:02

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	718749		
171	38.6	31.3	46.9	
170	25.7	21.0	31.6	





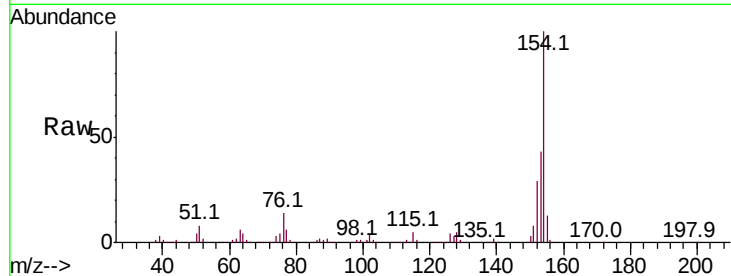
#45
 1,1'-Biphenyl
 Concen: 46.273 ng
 RT: 13.50 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BG037138.D
 Acq: 3 Oct 2018 18:02

Instrument :
 BNA_G
 ClientSampleId :
 CG-SOIL-2MSD

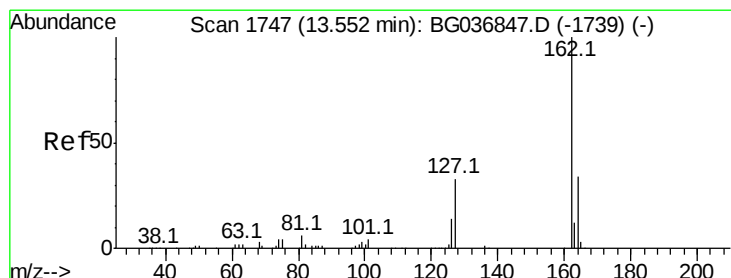
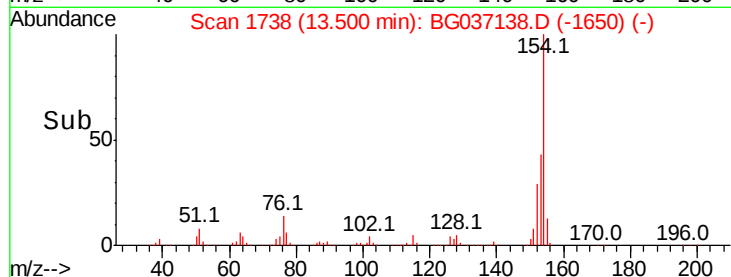
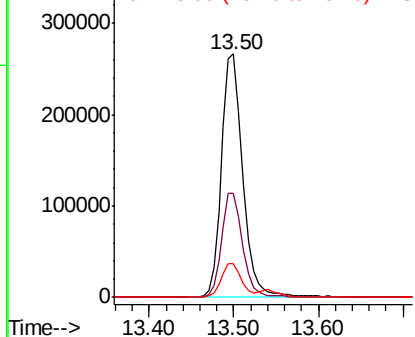
Tot Ion	Ratio	Lower	Upper
154	100		
153	42.7	24.0	64.0
76	13.7	0.0	32.9

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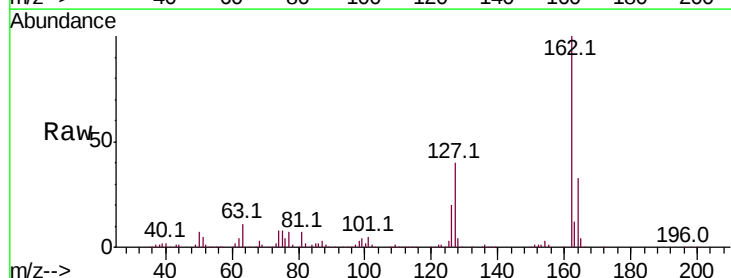


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

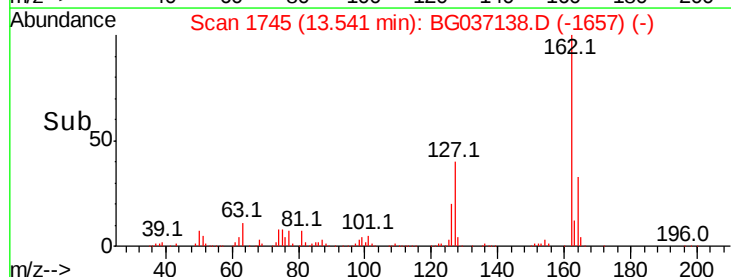
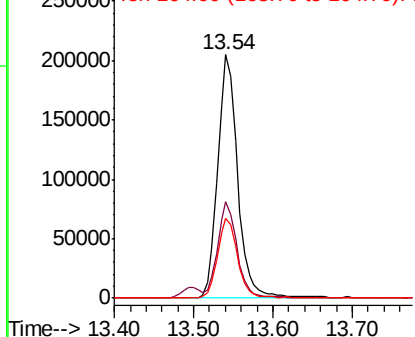


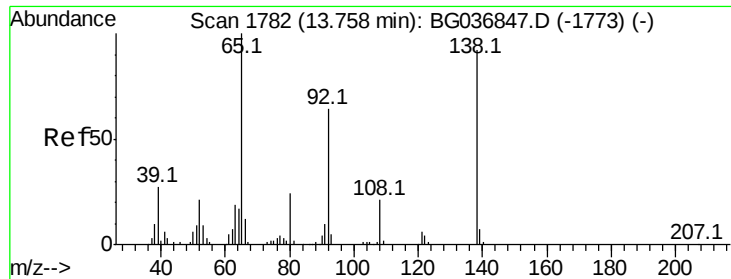
#46
 2-Chloronaphthalene
 Concen: 44.934 ng
 RT: 13.54 min Scan# 1745
 Delta R.T. -0.01 min
 Lab File: BG037138.D
 Acq: 3 Oct 2018 18:02

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.6	30.7	46.1
164	33.0	26.7	40.1



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





#47

2-Nitroaniline

Concen: 48.330 ng

RT: 13.75 min Scan# 1780

Delta R.T. -0.01 min

Lab File: BG037138.D

Acq: 3 Oct 2018 18:02

Instrument :

BNA_G

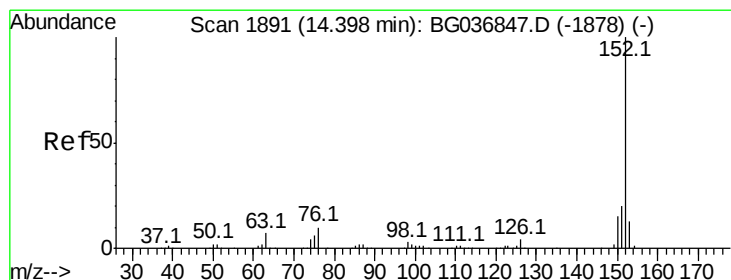
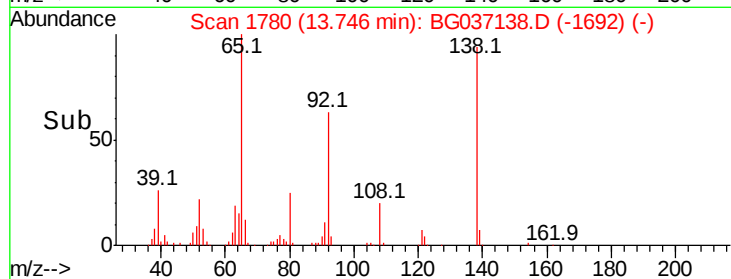
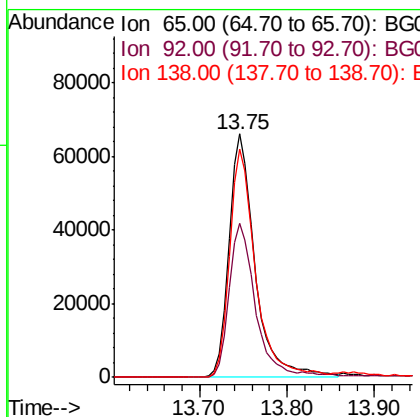
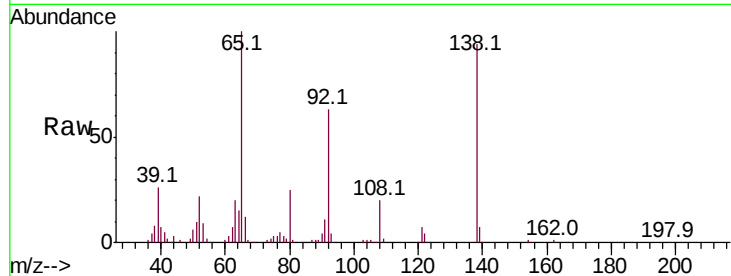
ClientSampleId :

CG-SOIL-2MSD

Tot Ion:	65	Resp:	132922
Ion Ratio	Lower	Upper	
65	100		
92	63.3	49.9	74.9
138	93.9	76.2	114.4

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#48

Acenaphthylene

Concen: 48.321 ng

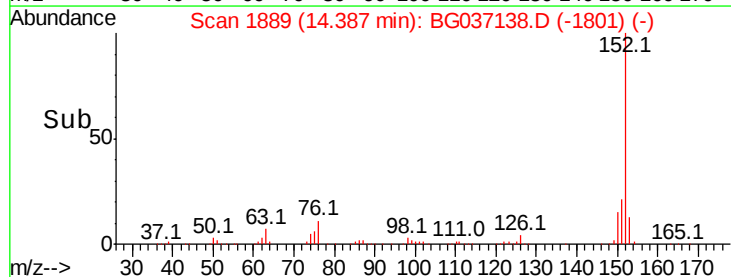
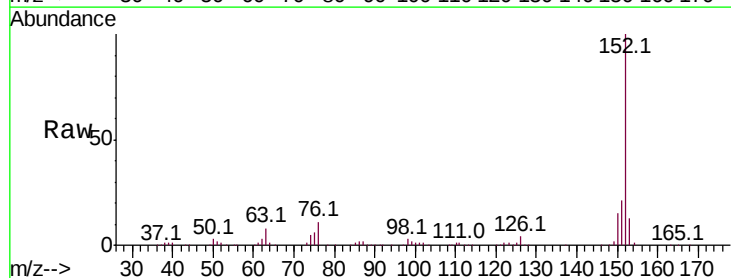
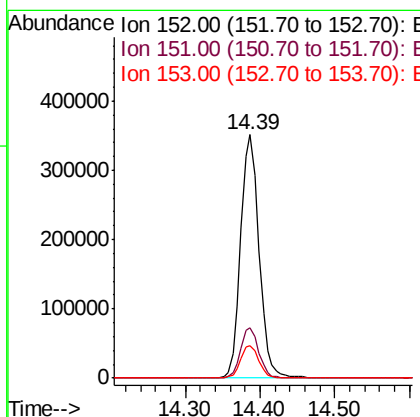
RT: 14.39 min Scan# 1889

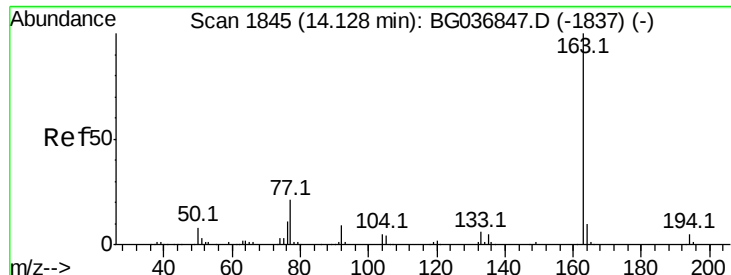
Delta R.T. -0.01 min

Lab File: BG037138.D

Acq: 3 Oct 2018 18:02

Tgt Ion:	152	Resp:	602081
Ion Ratio	Lower	Upper	
152	100		
151	20.7	16.9	25.3
153	13.3	11.2	16.8





#49

Dimethylphthalate

Concen: 73.091 ng

RT: 14.12 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BG037138.D

Acq: 3 Oct 2018 18:02

Instrument :

BNA_G

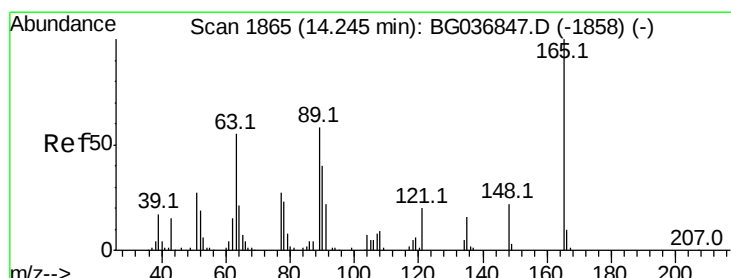
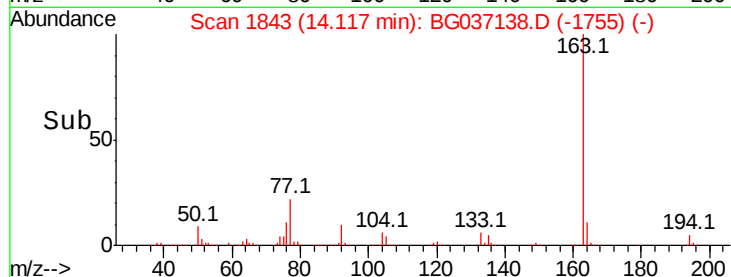
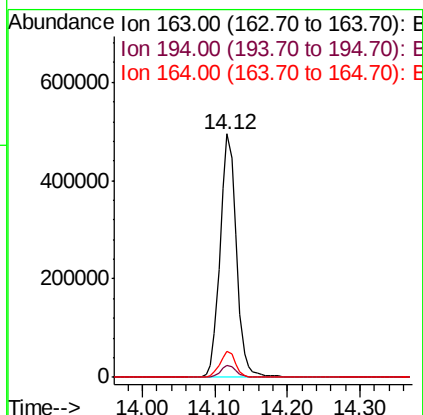
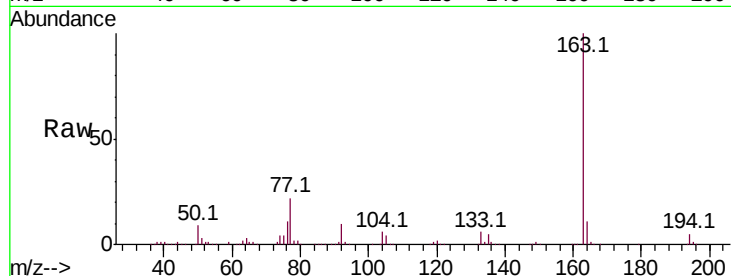
ClientSampleId :

CG-SOIL-2MSD

Tot Ion:	163	Resp:	776725
Ion Ratio	Lower	Upper	
163	100		
194	4.9	4.0	6.0
164	10.8	8.1	12.1

Manual Integrations
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#50

2,6-Dinitrotoluene

Concen: 46.156 ng

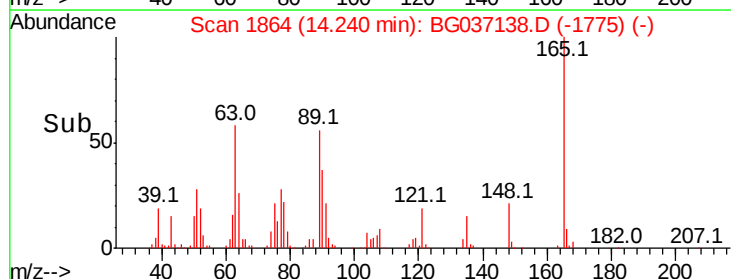
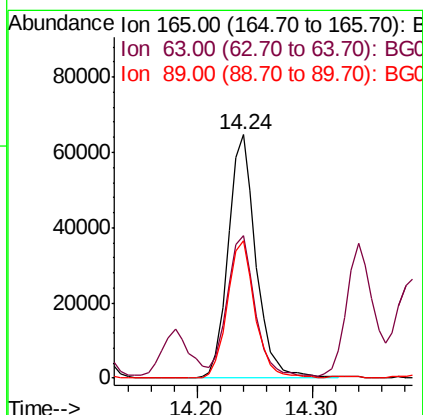
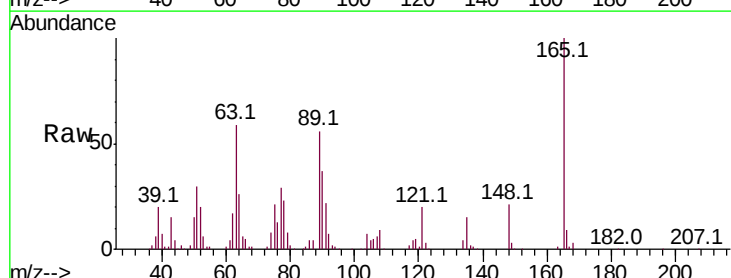
RT: 14.24 min Scan# 1864

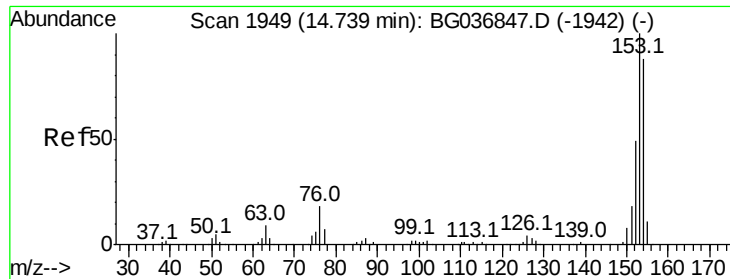
Delta R.T. -0.01 min

Lab File: BG037138.D

Acq: 3 Oct 2018 18:02

Tgt Ion:	165	Resp:	107018
Ion Ratio	Lower	Upper	
165	100		
63	58.8	50.1	75.1
89	56.3	47.8	71.6





#51

Acenaphthene

Concen: 45.493 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG037138.D

Acq: 3 Oct 2018 18:02

Instrument :

BNA_G

ClientSampleId :

CG-SOIL-2MSD

Tot Ion:154 Resp: 342589

Ion Ratio Lower Upper

154 100

153 114.5 91.8 137.6

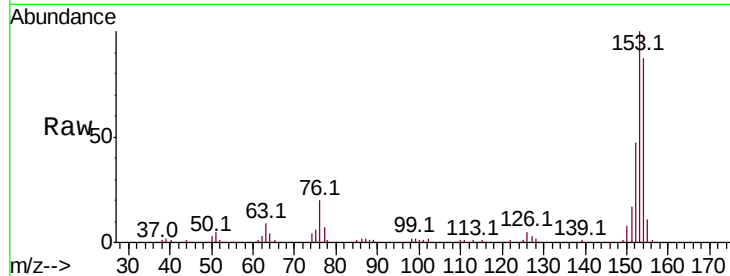
152 53.7 43.5 65.3

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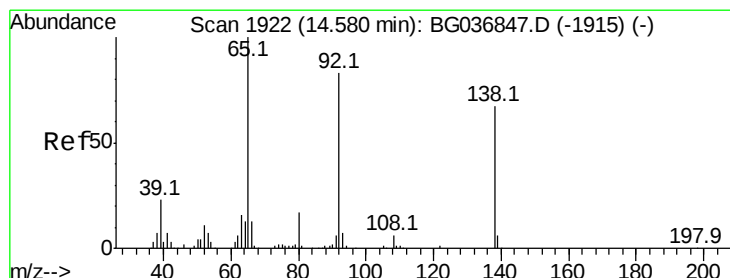
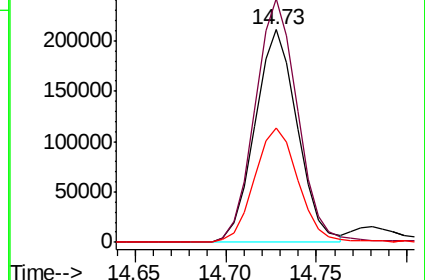
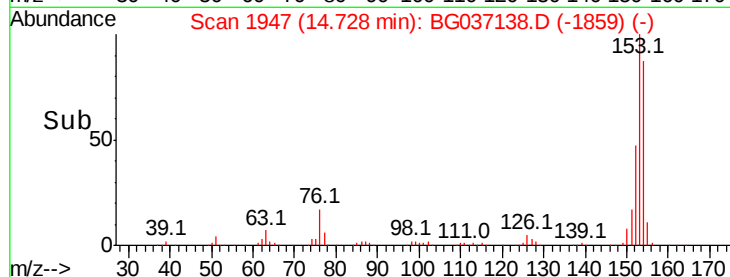
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 30.344 ng

RT: 14.57 min Scan# 1920

Delta R.T. -0.01 min

Lab File: BG037138.D

Acq: 3 Oct 2018 18:02

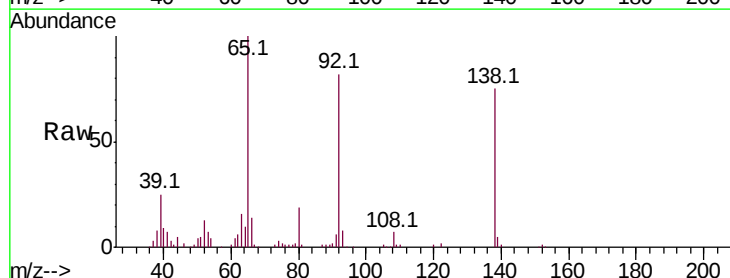
Tgt Ion:138 Resp: 74137

Ion Ratio Lower Upper

138 100

108 9.5 9.4 14.2

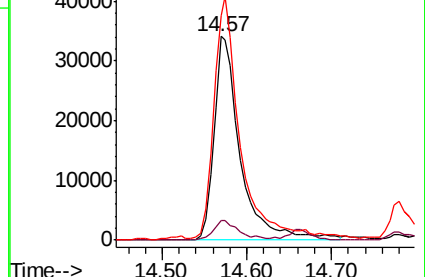
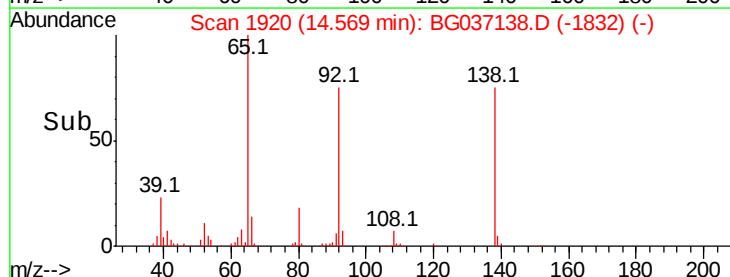
92 110.2 96.8 145.2

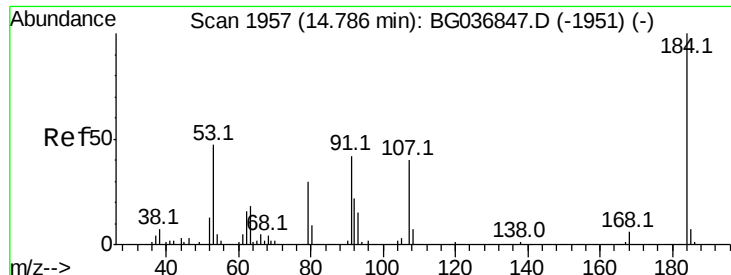


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





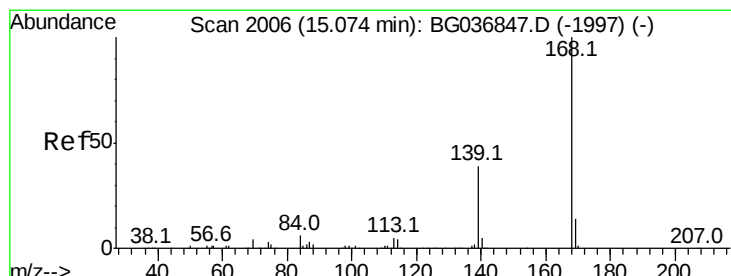
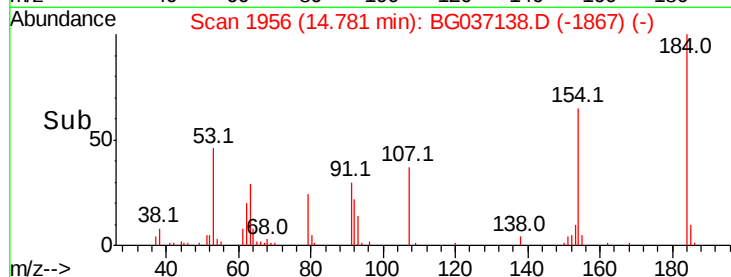
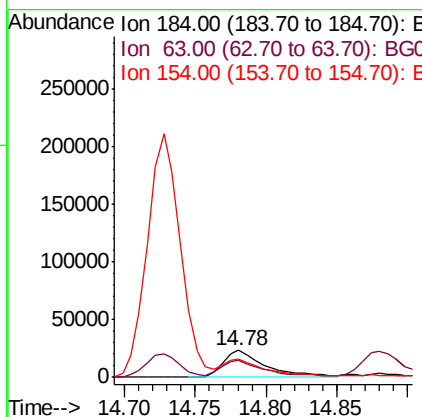
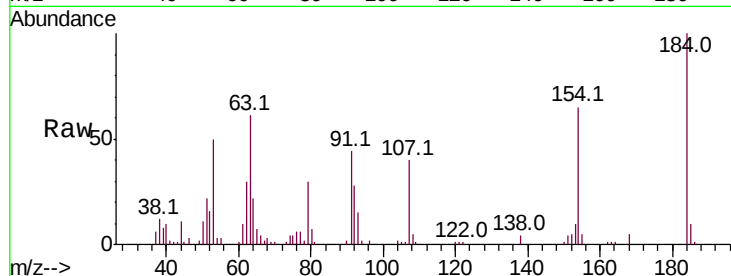
#53
 2,4-Dinitrophenol
 Concen: 48.839 ng
 RT: 14.78 min Scan# 1956
 Delta R.T. -0.01 min
 Lab File: BG037138.D
 Acq: 3 Oct 2018 18:02

Instrument :
 BNA_G
 ClientSampleId :
 CG-SOIL-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	60.8	47.3	70.9	
154	65.5	51.1	76.7	

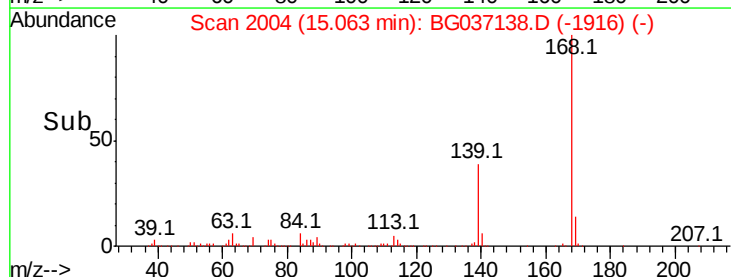
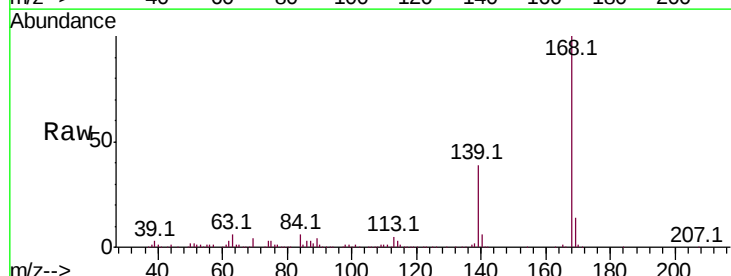
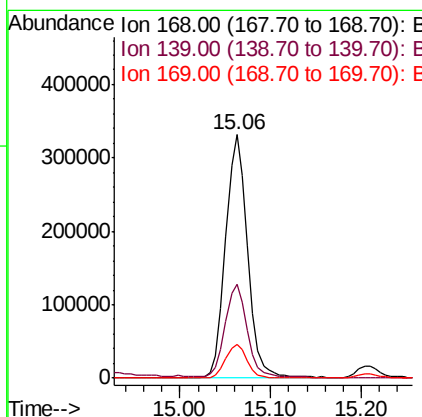
Manual Integrations
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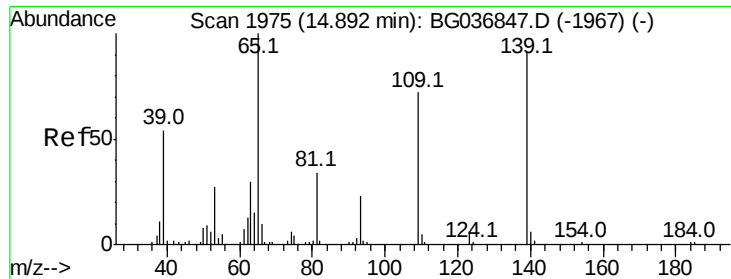
Sohil
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#54
 Dibenzofuran
 Concen: 43.896 ng
 RT: 15.06 min Scan# 2004
 Delta R.T. -0.01 min
 Lab File: BG037138.D
 Acq: 3 Oct 2018 18:02

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	38.8	31.0	46.6	
169	13.6	11.1	16.7	





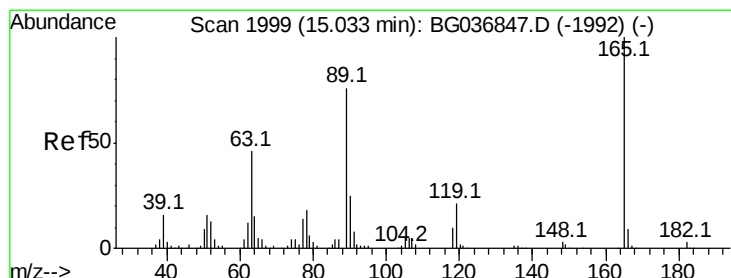
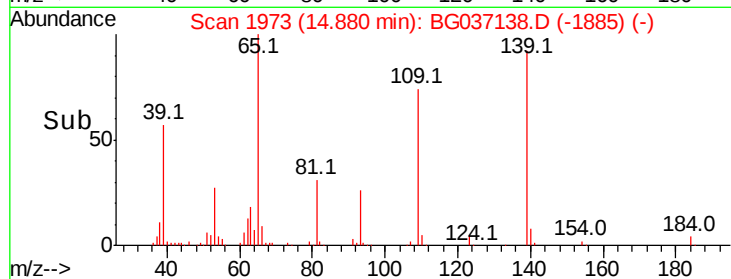
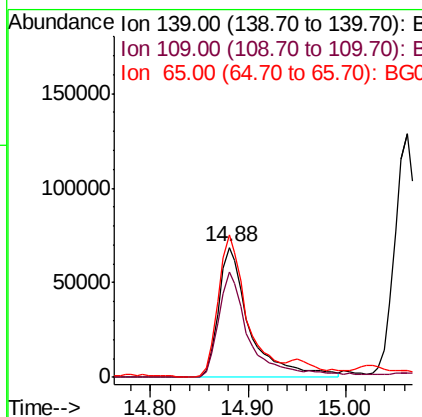
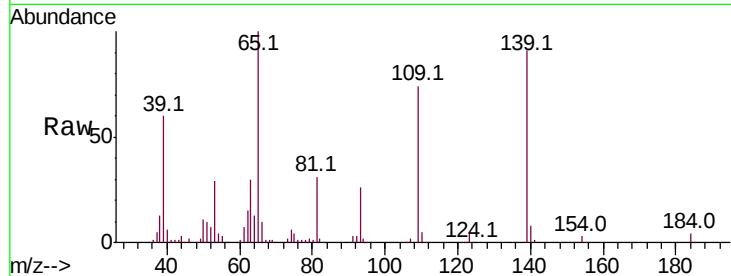
#55
4-Nitrophenol
Concen: 97.166 ng
RT: 14.88 min Scan# 1973
Delta R.T. -0.01 min
Lab File: BG037138.D
Acq: 3 Oct 2018 18:02

Instrument :
BNA_G
ClientSampleId :
CG-SOIL-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	81.3	63.9	103.9	
65	109.8	90.0	130.0	

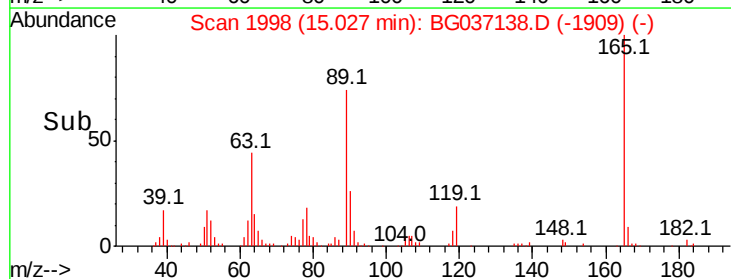
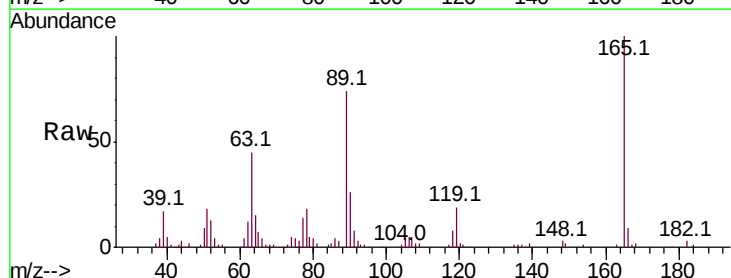
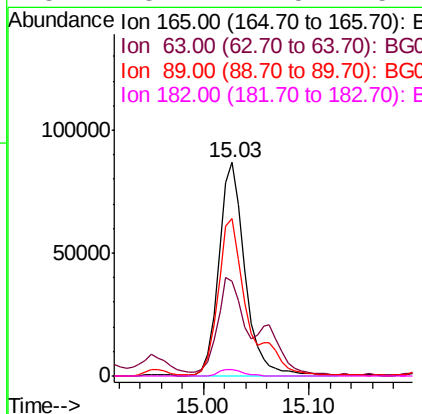
Manual Integrations
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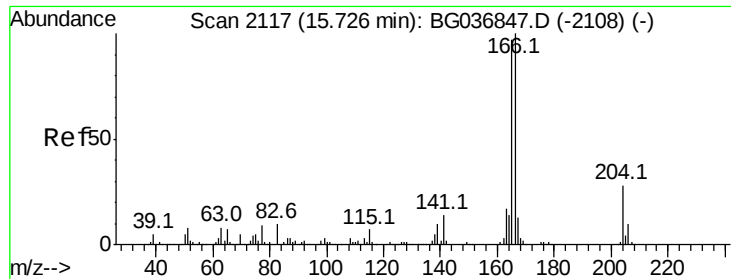
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#56
2,4-Dinitrotoluene
Concen: 46.516 ng
RT: 15.03 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BG037138.D
Acq: 3 Oct 2018 18:02

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	44.6	40.1	60.1	
89	73.7	63.7	95.5	
182	3.2	2.5	3.7	





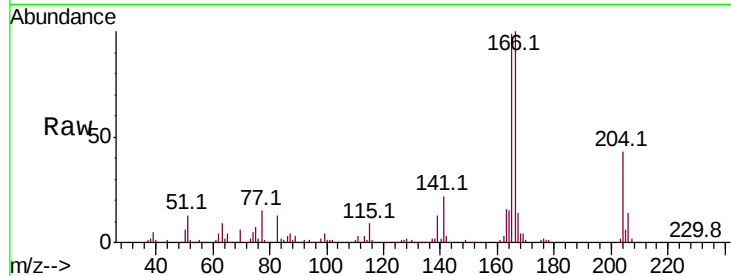
#57
 Fluorene
 Concen: 47.018 ng
 RT: 15.71 min Scan# 2114
 Delta R.T. -0.02 min
 Lab File: BG037138.D
 Acq: 3 Oct 2018 18:02

Instrument :
 BNA_G
 ClientSampleId :
 CG-SOIL-2MSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.2	77.0	115.4
167	14.2	10.6	16.0

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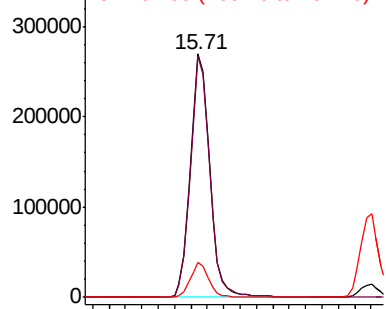


Abundance

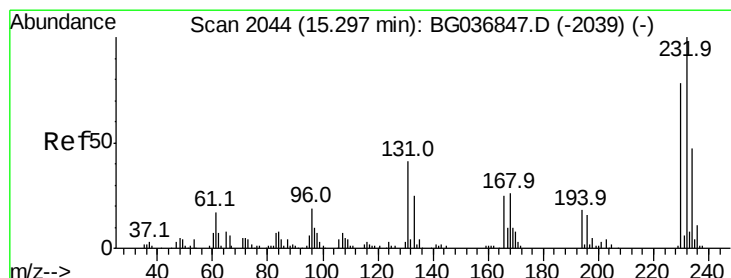
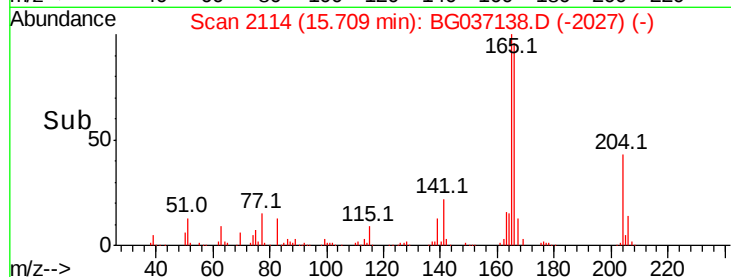
Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 50.430 ng
 RT: 15.29 min Scan# 2042
 Delta R.T. -0.01 min
 Lab File: BG037138.D
 Acq: 3 Oct 2018 18:02

Tgt Ion	Ratio	Lower	Upper
232	100		
131	39.2	33.8	50.8
130	2.3	2.1	3.1
166	29.2	22.3	33.5

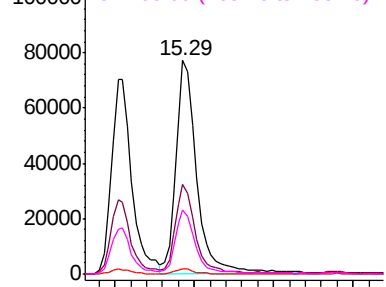
Abundance

Ion 232.00 (231.70 to 232.70): E

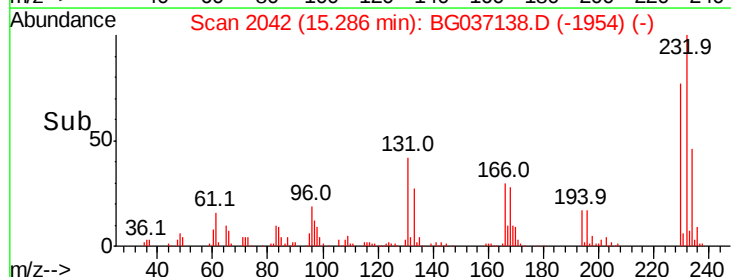
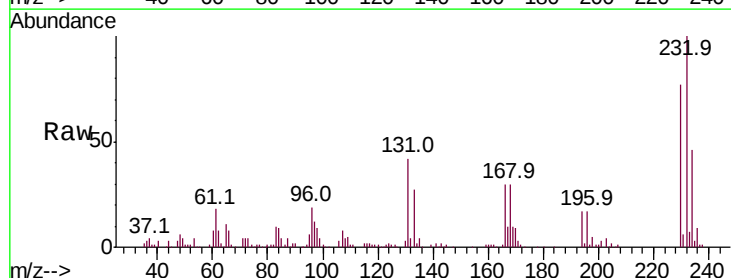
Ion 131.00 (130.70 to 131.70): E

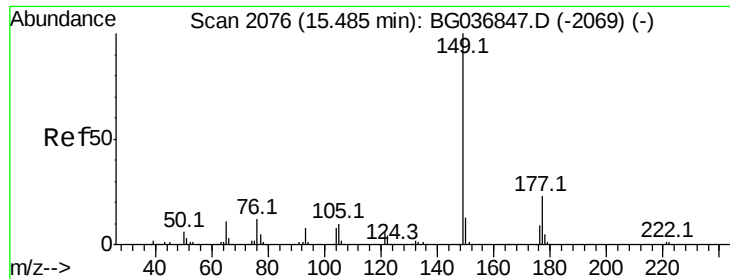
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



Time-->





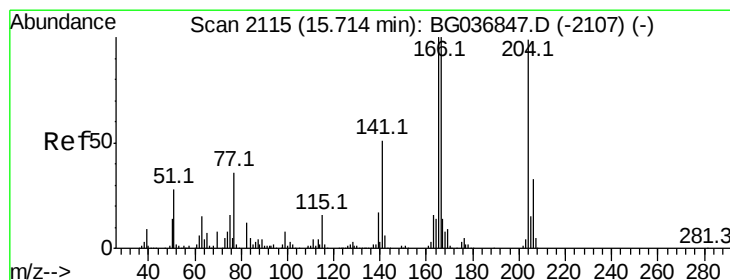
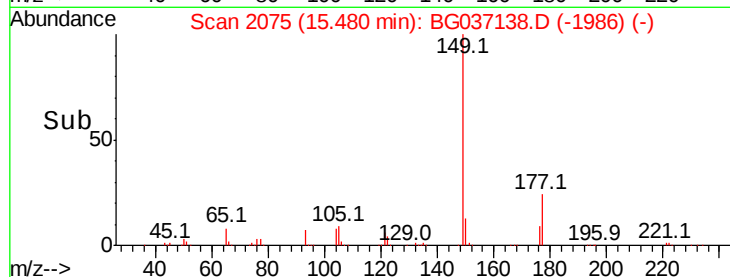
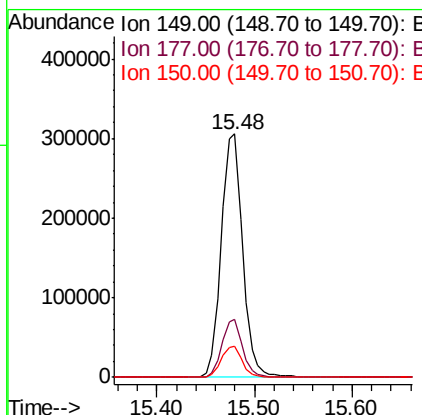
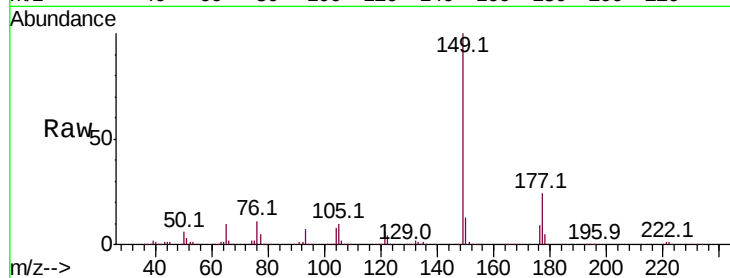
#59
Diethylphthalate
Concen: 43.471 ng
RT: 15.48 min Scan# 2075
Delta R.T. -0.01 min
Lab File: BG037138.D
Acq: 3 Oct 2018 18:02

Instrument :
BNA_G
ClientSampleId :
CG-SOIL-2MSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	23.8	19.1	28.7
150	12.7	10.7	16.1

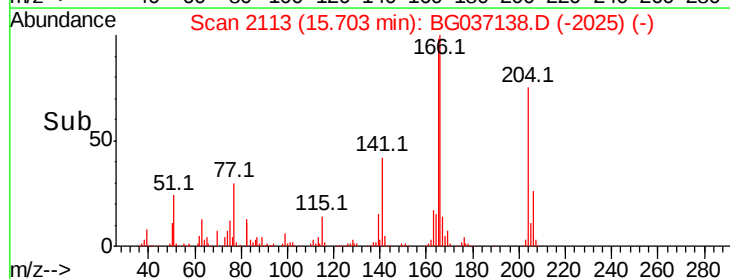
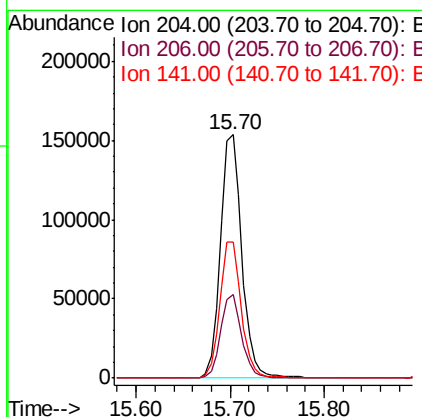
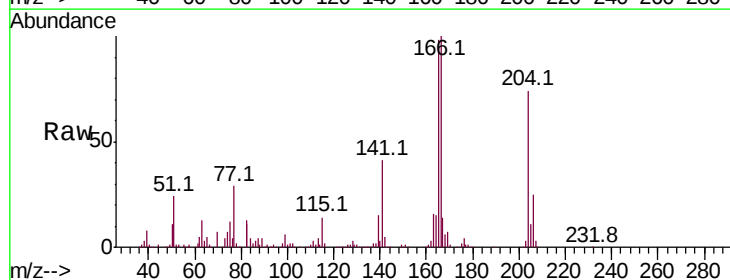
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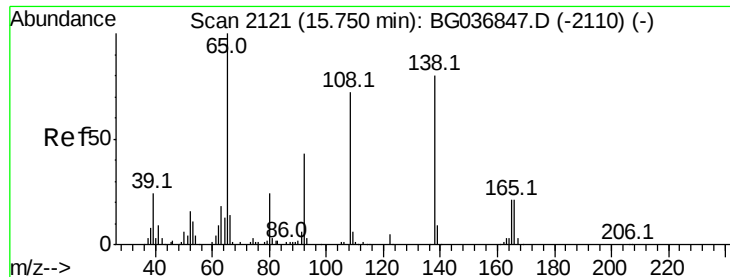
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#60
4-Chlorophenyl-phenylether
Concen: 40.589 ng
RT: 15.70 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BG037138.D
Acq: 3 Oct 2018 18:02

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.2	27.0	40.4
141	56.0	43.8	65.6





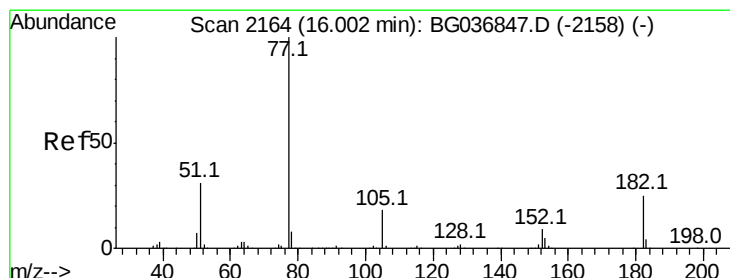
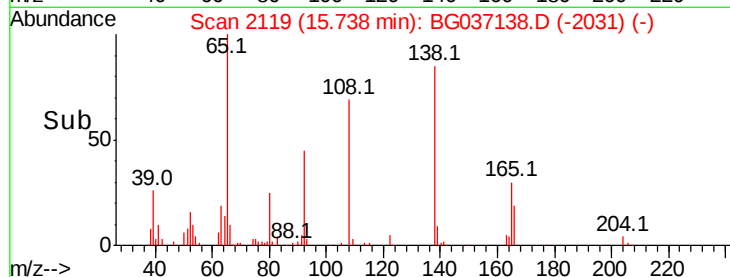
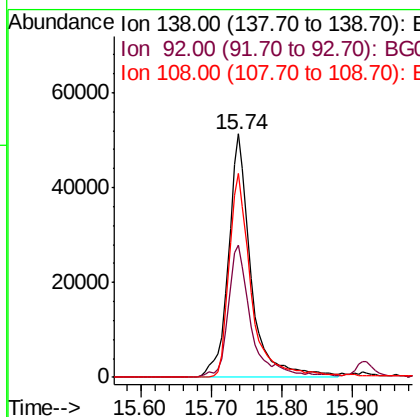
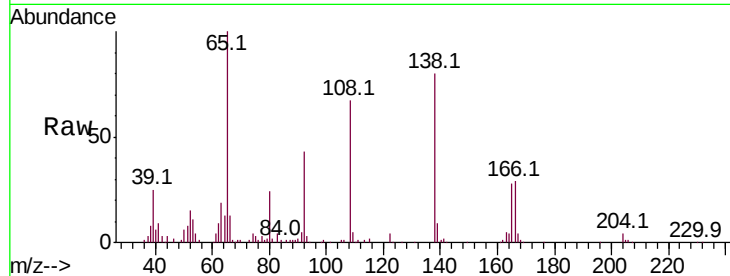
#61
4-Nitroaniline
Concen: 44.167 ng
RT: 15.74 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BG037138.D
Acq: 3 Oct 2018 18:02

Instrument :
BNA_G
ClientSampleId :
CG-SOIL-2MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	54.1	38.5	78.5
108	83.8	70.3	110.3

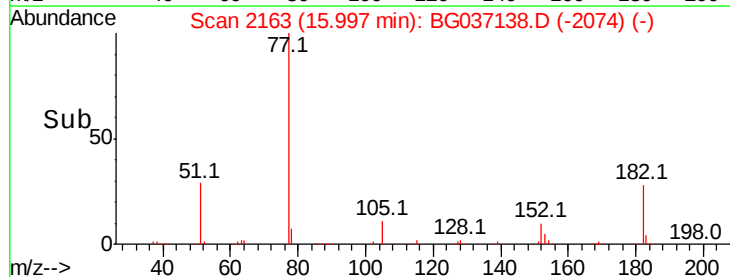
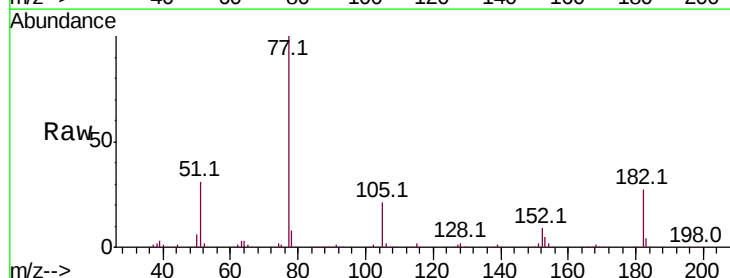
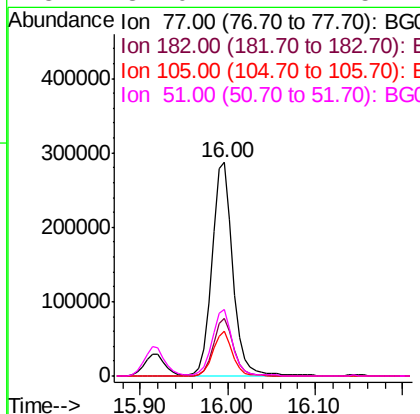
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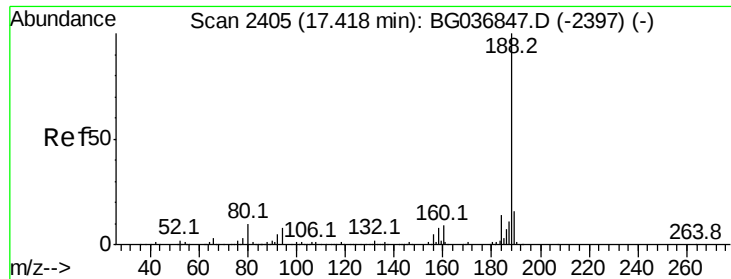
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#62
Azobenzene
Concen: 45.776 ng
RT: 16.00 min Scan# 2163
Delta R.T. -0.01 min
Lab File: BG037138.D
Acq: 3 Oct 2018 18:02

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.9	6.7	46.7
105	20.9	0.0	39.8
51	31.0	12.4	52.4





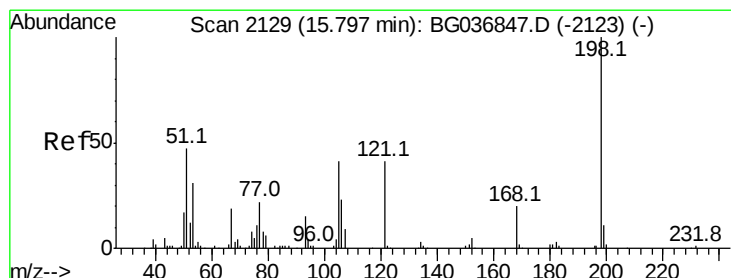
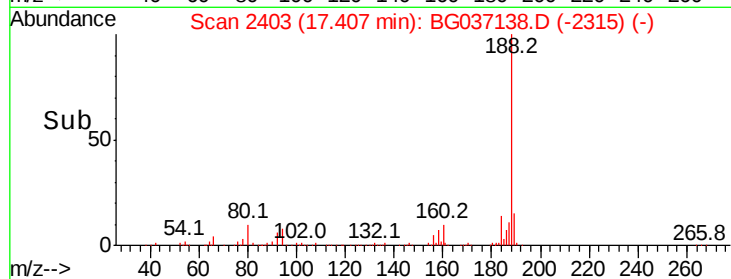
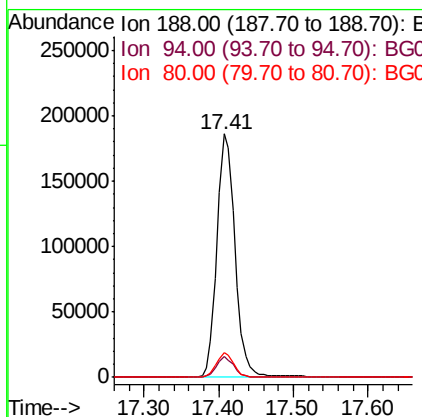
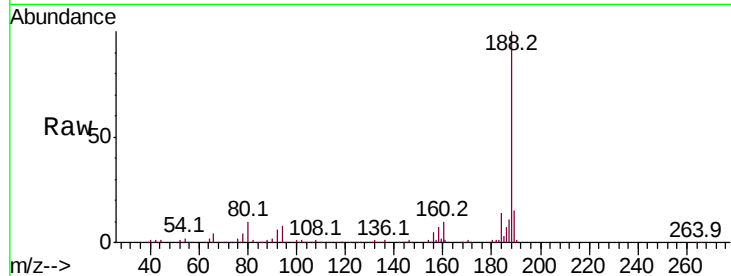
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2403
Delta R.T. -0.01 min
Lab File: BG037138.D
Acq: 3 Oct 2018 18:02

Instrument :
BNA_G
ClientSampleId :
CG-SOIL-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	8.4	6.7	10.1	
80	10.2	8.1	12.1	

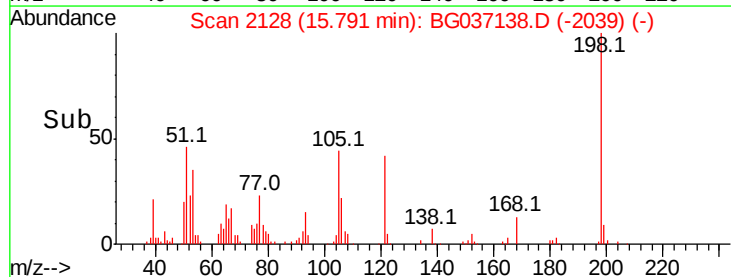
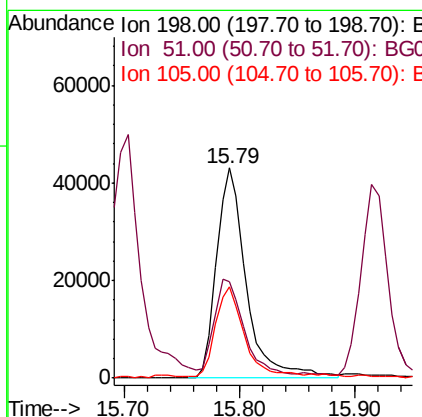
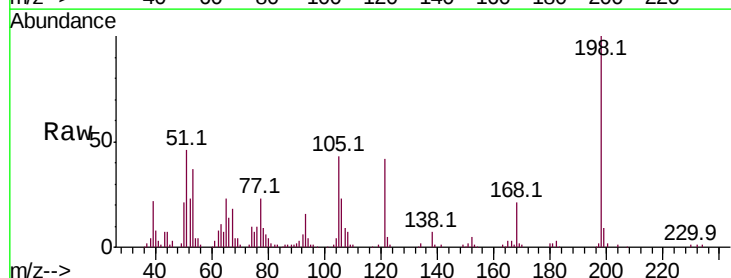
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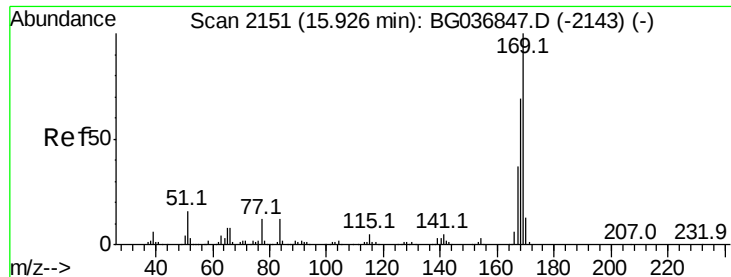
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#64
4,6-Dinitro-2-methylphenol
Concen: 46.638 ng
RT: 15.79 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BG037138.D
Acq: 3 Oct 2018 18:02

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	45.8	26.5	66.5	
105	43.5	20.2	60.2	





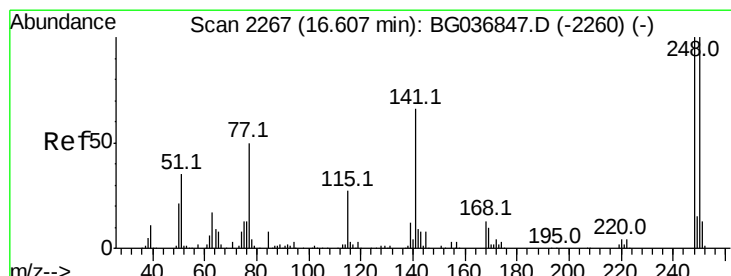
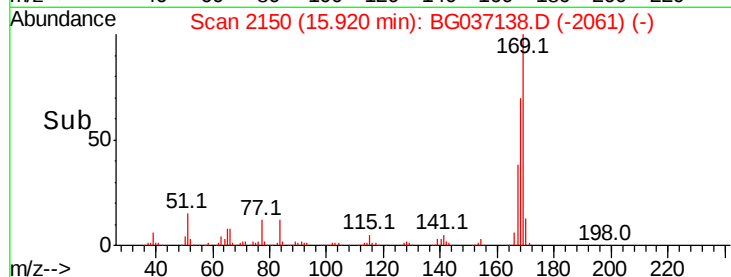
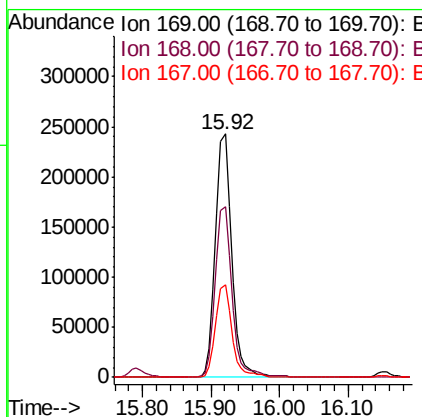
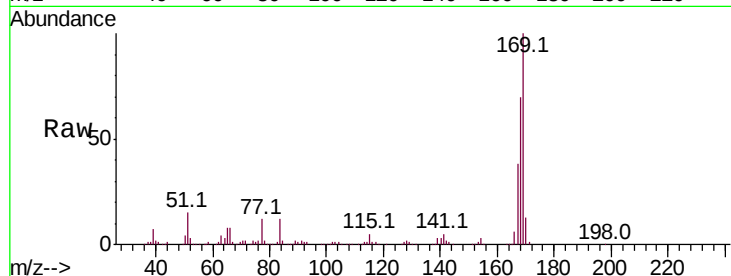
#65
n-Nitrosodiphenylamine
Concen: 46.393 ng
RT: 15.92 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BG037138.D
Acq: 3 Oct 2018 18:02

Instrument :
BNA_G
ClientSampleId :
CG-SOIL-2MSD

Tot Ion	Ratio	Lower	Upper
169	100		
168	70.2	57.6	86.4
167	38.3	31.0	46.4

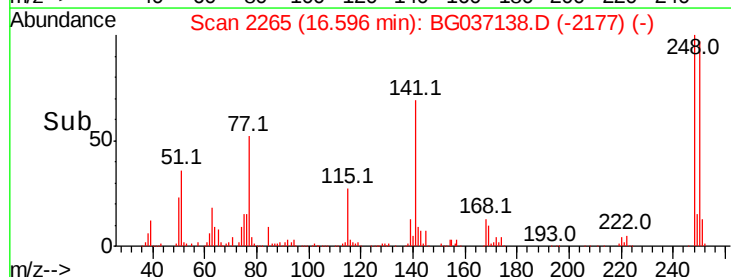
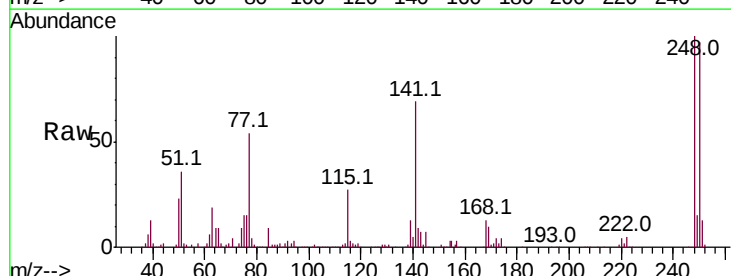
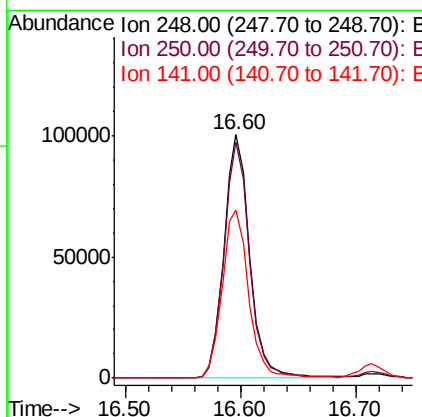
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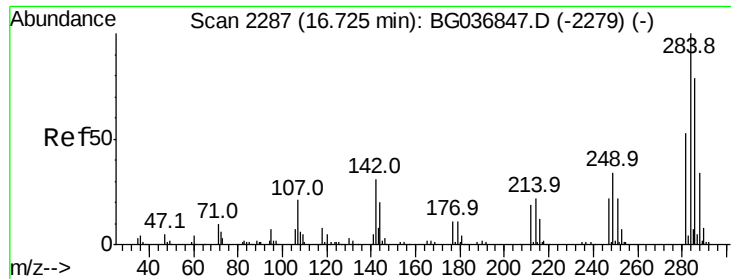
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#66
4-Bromophenyl-phenylether
Concen: 43.119 ng
RT: 16.60 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BG037138.D
Acq: 3 Oct 2018 18:02

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.7	78.1	117.1
141	69.1	53.7	80.5





#67

Hexachlorobenzene

Concen: 42.848 ng

RT: 16.71 min Scan# 2285

Delta R.T. -0.01 min

Lab File: BG037138.D

Acq: 3 Oct 2018 18:02

Instrument :

BNA_G

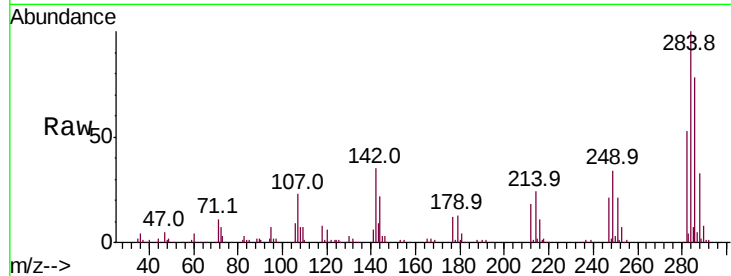
ClientSampleId :

CG-SOIL-2MSD

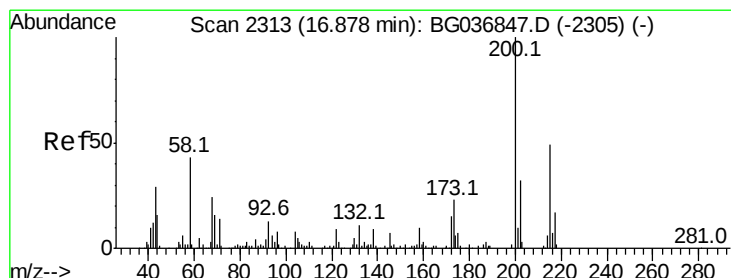
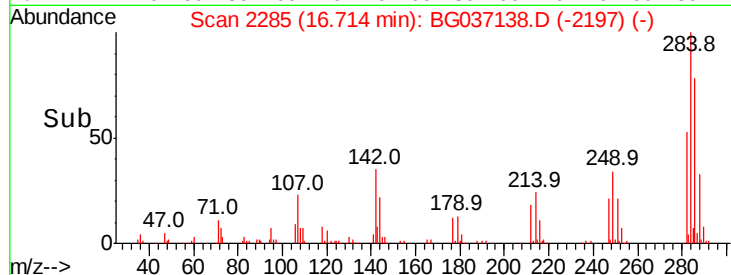
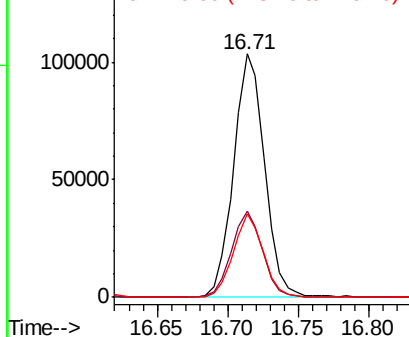
Tot Ion:	284	Resp:	158298
Ion Ratio		Lower	Upper
284	100		
142	35.2	27.8	41.6
249	34.4	27.4	41.2

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



#68

Atrazine

Concen: 47.525 ng

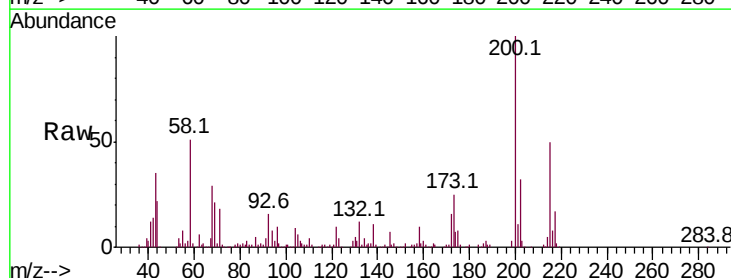
RT: 16.86 min Scan# 2310

Delta R.T. -0.02 min

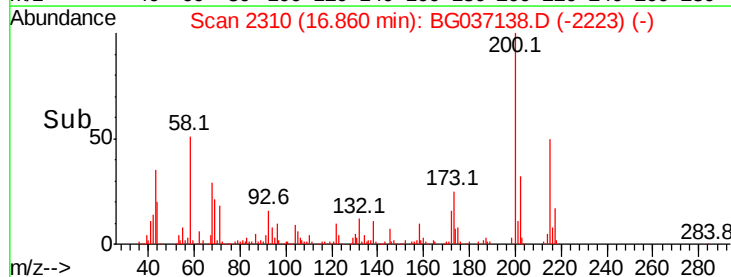
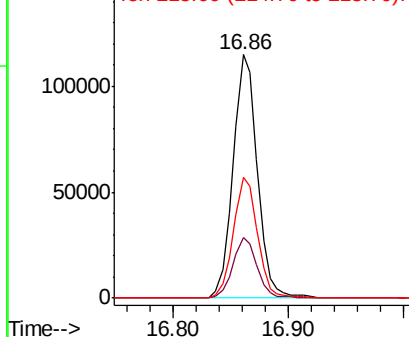
Lab File: BG037138.D

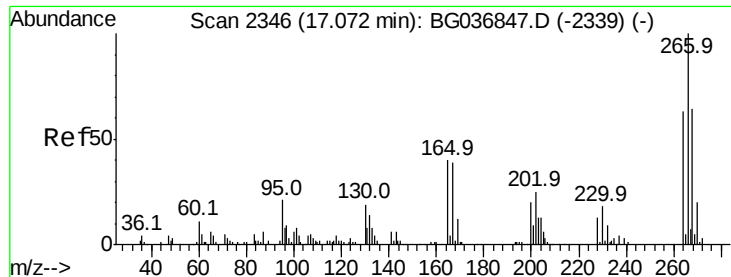
Acq: 3 Oct 2018 18:02

Tgt Ion:	200	Resp:	167535
Ion Ratio		Lower	Upper
200	100		
173	24.8	3.9	43.9
215	49.7	30.4	70.4



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





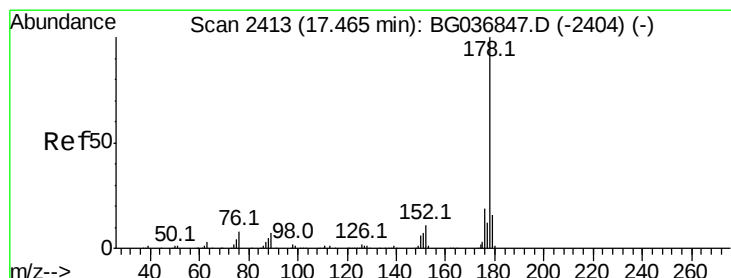
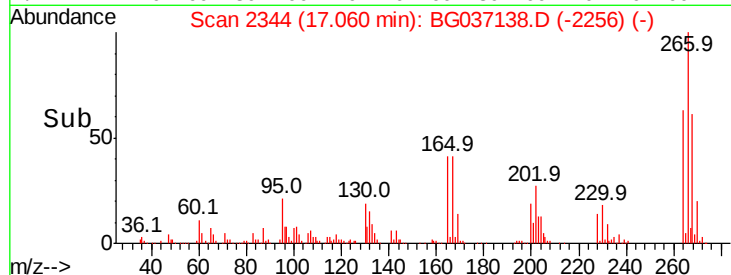
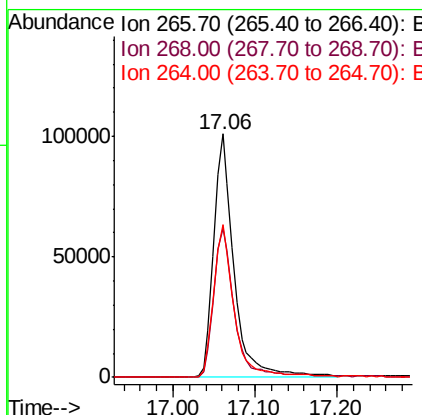
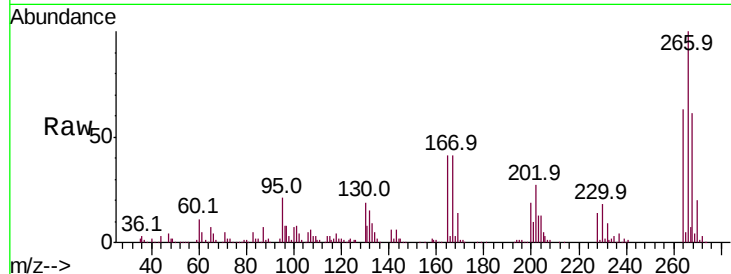
#69
 Pentachlorophenol
 Concen: 75.320 ng
 RT: 17.06 min Scan# 2344
 Delta R.T. -0.01 min
 Lab File: BG037138.D
 Acq: 3 Oct 2018 18:02

Instrument :
 BNA_G
 ClientSampleId :
 CG-SOIL-2MSD

Tot Ion:	266	Resp:	175195
Ion Ratio	Lower	Upper	
266	100		
268	61.4	51.4	77.2
264	62.8	48.9	73.3

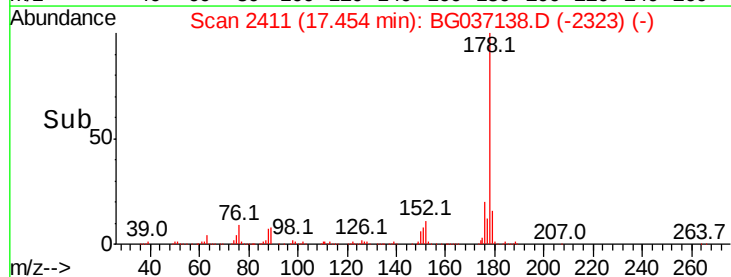
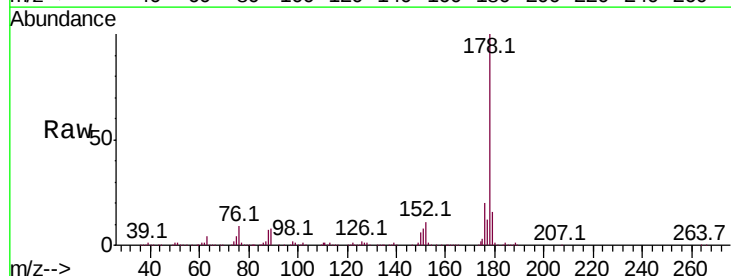
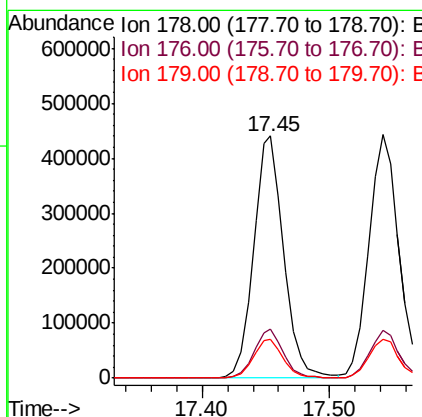
Manual Integrations
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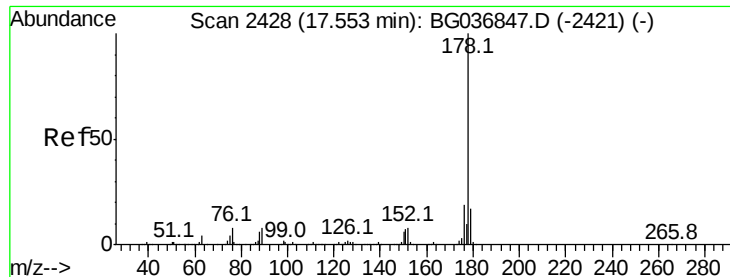
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#70
 Phenanthrene
 Concen: 47.526 ng
 RT: 17.45 min Scan# 2411
 Delta R.T. -0.01 min
 Lab File: BG037138.D
 Acq: 3 Oct 2018 18:02

Tgt Ion:	178	Resp:	722251
Ion Ratio	Lower	Upper	
178	100		
176	20.0	15.4	23.2
179	16.2	13.4	20.2





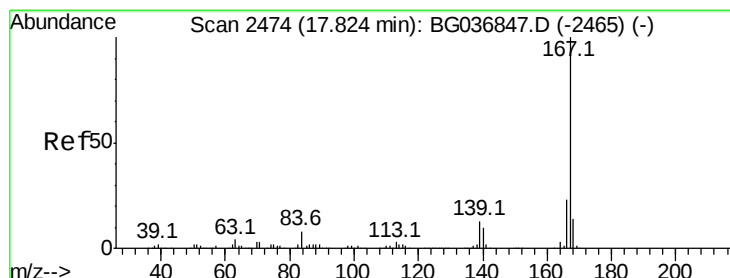
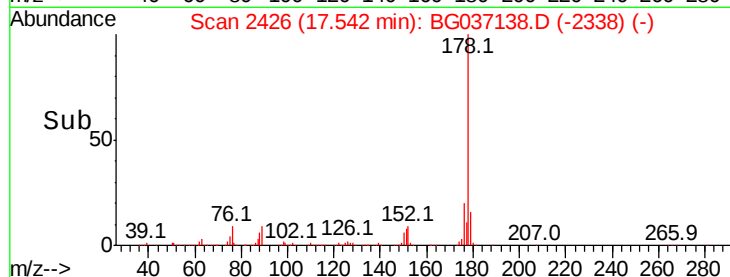
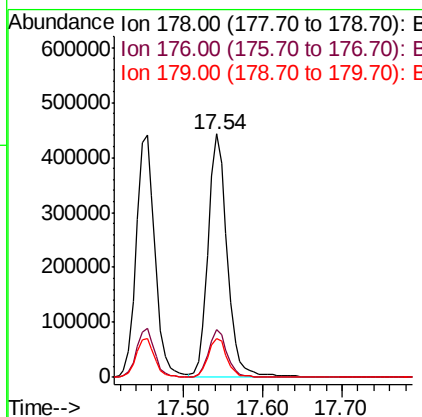
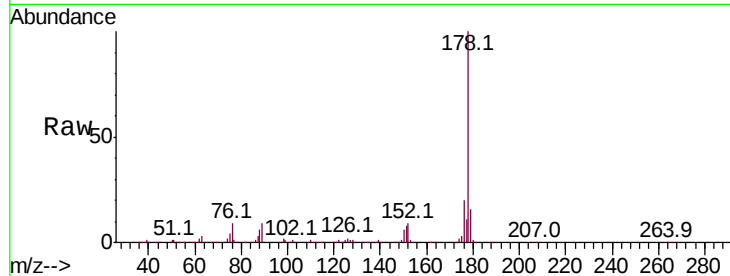
#71
 Anthracene
 Concen: 49.399 ng
 RT: 17.54 min Scan# 2426
 Delta R.T. -0.01 min
 Lab File: BG037138.D
 Acq: 3 Oct 2018 18:02

Instrument :
 BNA_G
 ClientSampleId :
 CG-SOIL-2MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.2
179	16.2	13.0	19.4

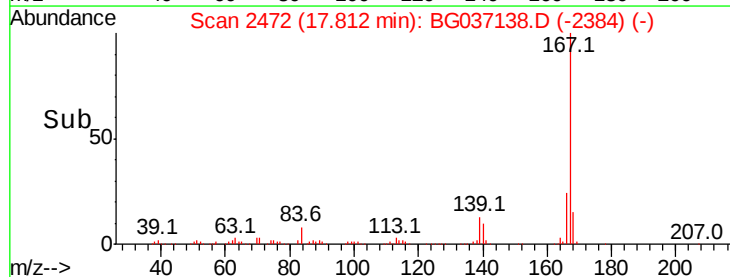
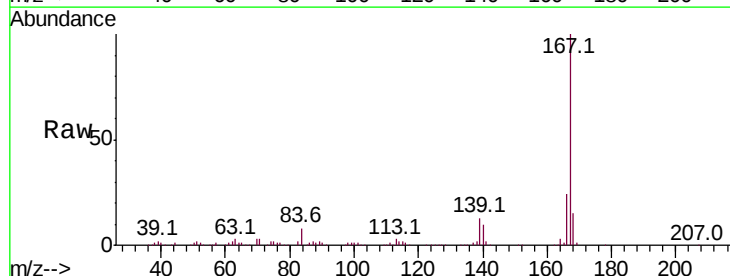
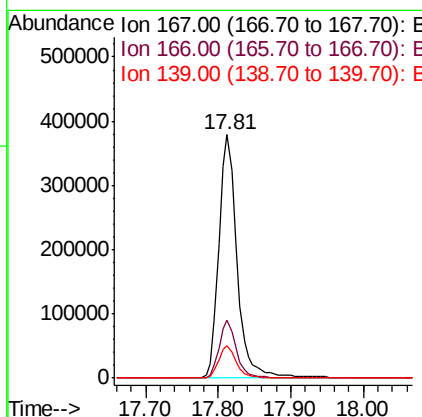
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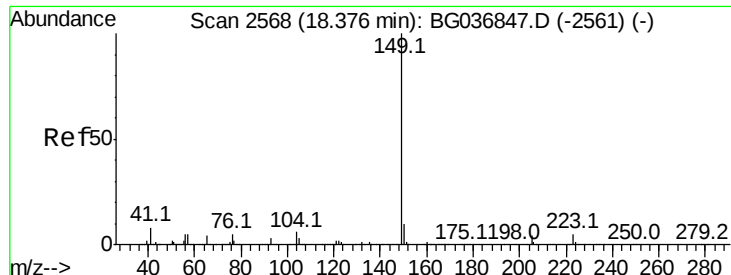
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#72
 Carbazole
 Concen: 45.495 ng
 RT: 17.81 min Scan# 2472
 Delta R.T. -0.01 min
 Lab File: BG037138.D
 Acq: 3 Oct 2018 18:02

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.7	19.5	29.3
139	13.1	10.7	16.1





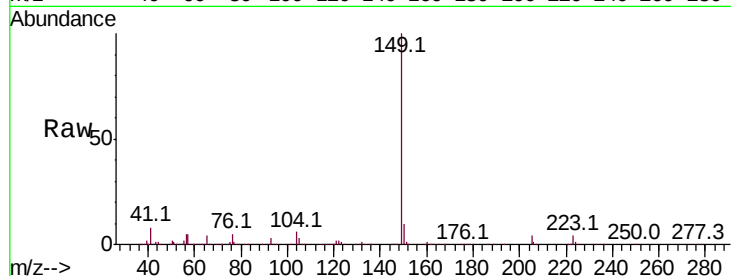
#73
Di-n-butylphthalate
Concen: 46.435 ng
RT: 18.36 min Scan# 2566
Delta R.T. -0.01 min
Lab File: BG037138.D
Acq: 3 Oct 2018 18:02

Instrument :
BNA_G
ClientSampleId :
CG-SOIL-2MSD

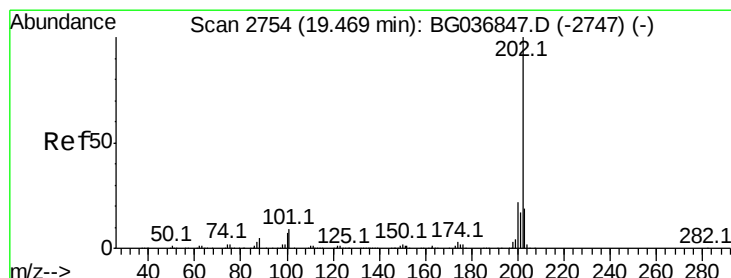
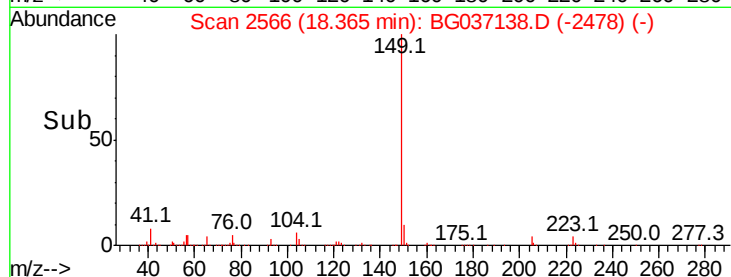
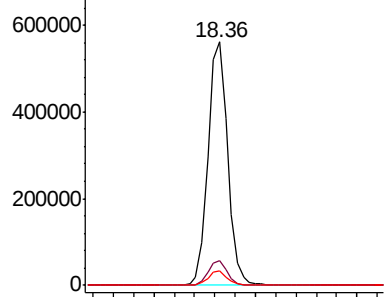
Tot Ion	Ratio	Resp Lower	Upper
149	100		
150	10.1	8.1	12.1
104	5.8	4.6	6.8

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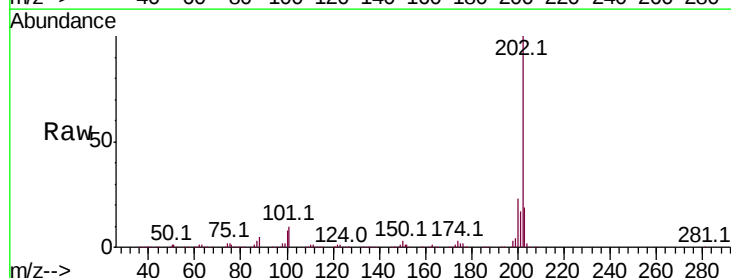


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

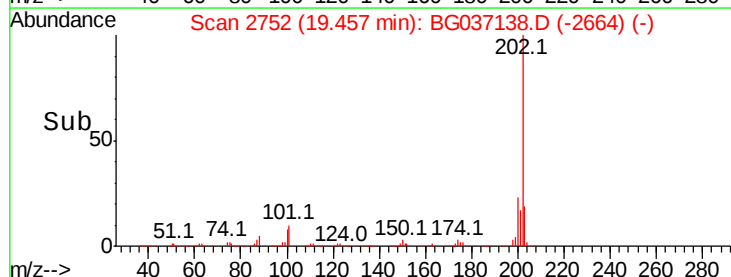
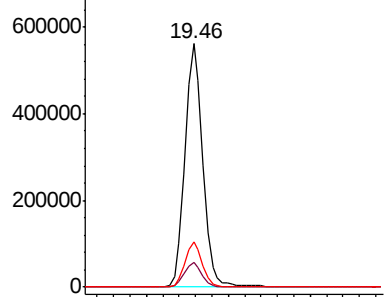


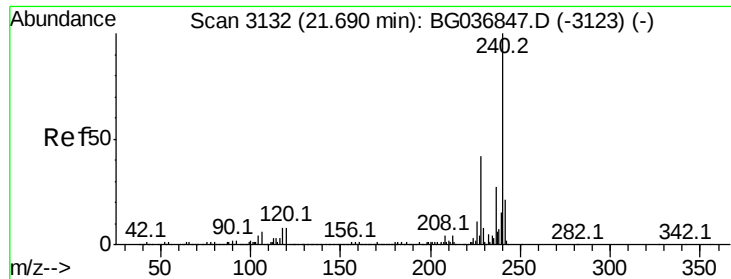
#74
Fluoranthene
Concen: 46.855 ng
RT: 19.46 min Scan# 2752
Delta R.T. -0.01 min
Lab File: BG037138.D
Acq: 3 Oct 2018 18:02

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	10.3	0.0	29.4
203	18.7	0.0	38.9



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BG037138.D

Acq: 3 Oct 2018 18:02

Instrument :

BNA_G

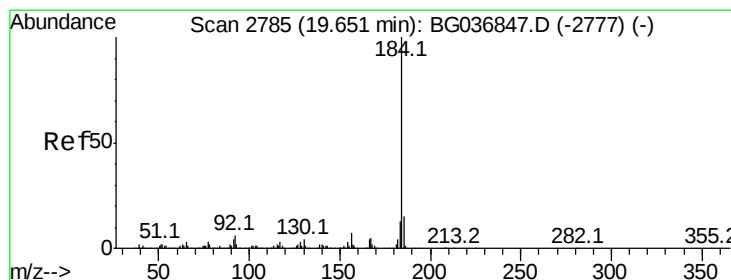
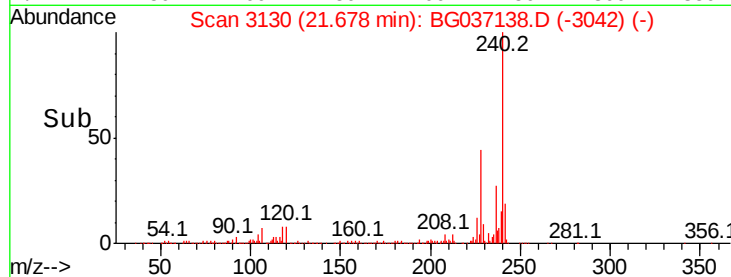
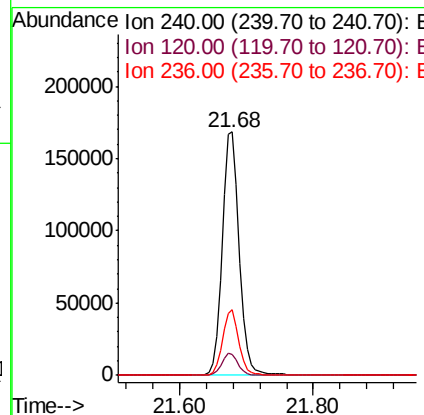
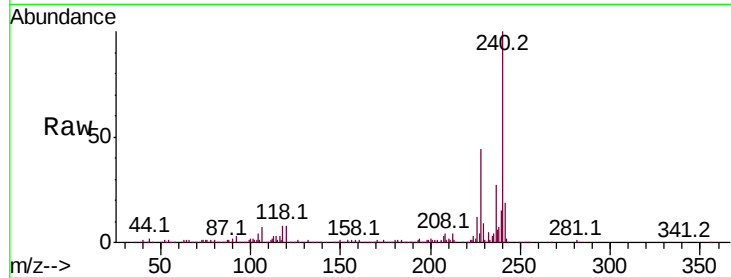
ClientSampleId :

CG-SOIL-2MSD

Tot Ion:	240	Resp:	301867
Ion Ratio	Lower	Upper	
240	100		
120	8.5	6.9	10.3
236	26.7	21.2	31.8

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#76

Benzidine

Concen: 29.692 ng

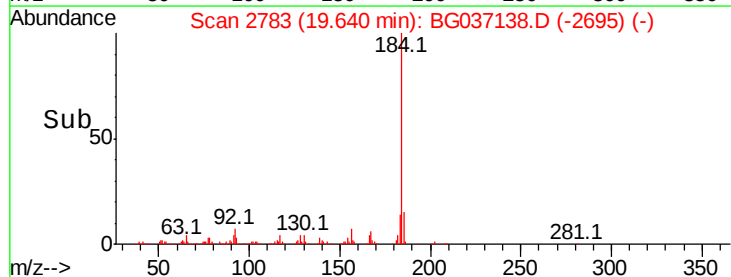
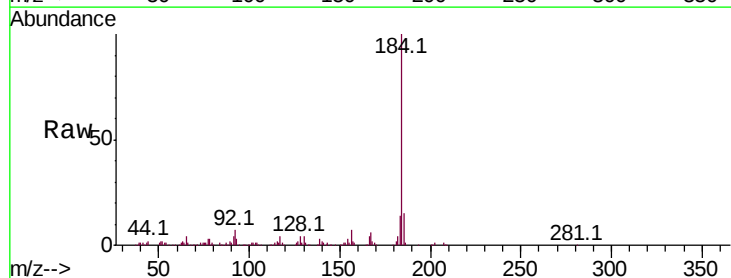
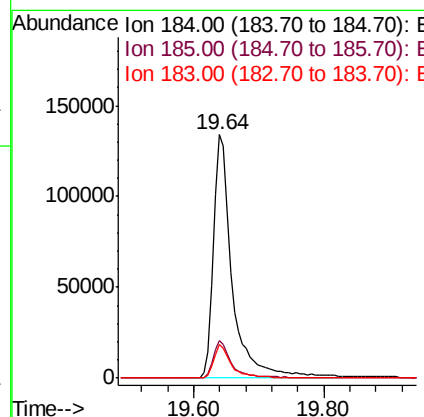
RT: 19.64 min Scan# 2783

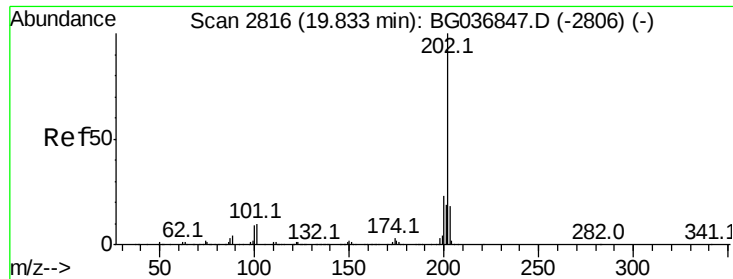
Delta R.T. -0.01 min

Lab File: BG037138.D

Acq: 3 Oct 2018 18:02

Tgt Ion:	184	Resp:	270948
Ion Ratio	Lower	Upper	
184	100		
185	15.3	12.6	18.8
183	13.6	10.9	16.3





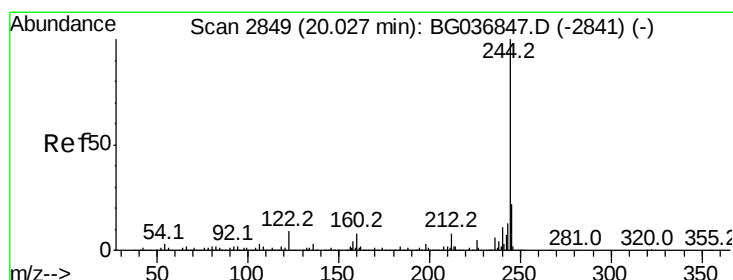
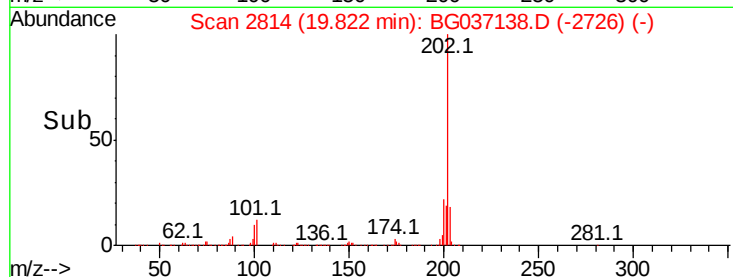
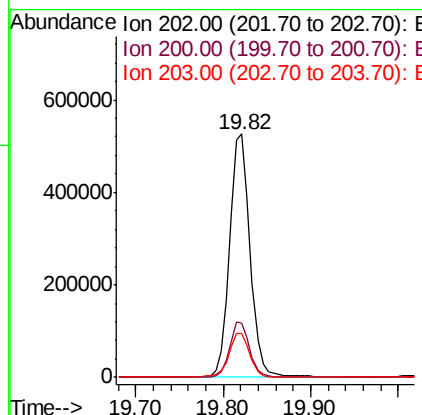
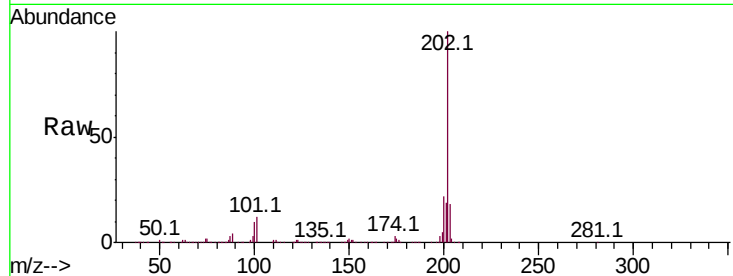
#77
Pvrene
Concen: 46.478 ng
RT: 19.82 min Scan# 2814
Delta R.T. -0.01 min
Lab File: BG037138.D
Acq: 3 Oct 2018 18:02

Instrument :
BNA_G
ClientSampleId :
CG-SOIL-2MSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	22.2	18.3	27.5
203	18.0	15.1	22.7

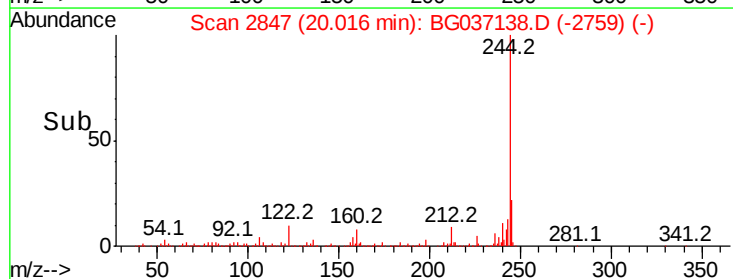
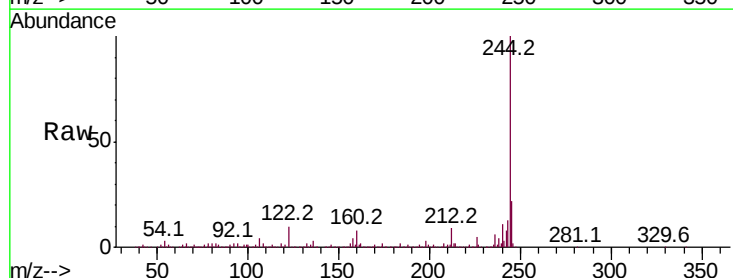
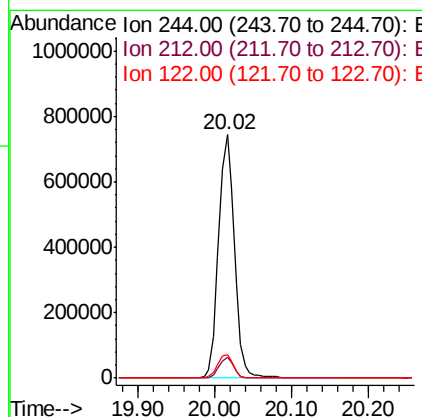
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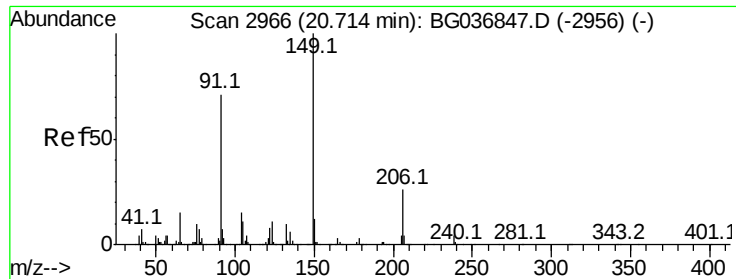
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#78
Terphenyl-d14
Concen: 91.912 ng
RT: 20.02 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BG037138.D
Acq: 3 Oct 2018 18:02

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	8.7	7.0	10.6
122	9.9	7.1	10.7





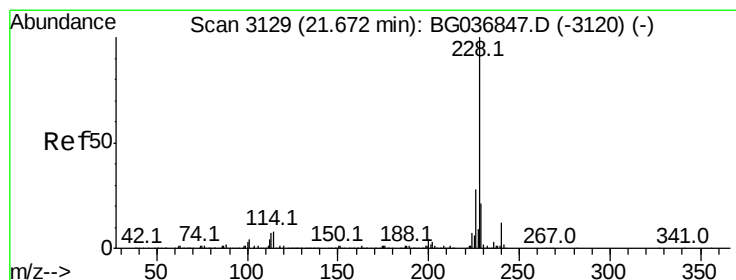
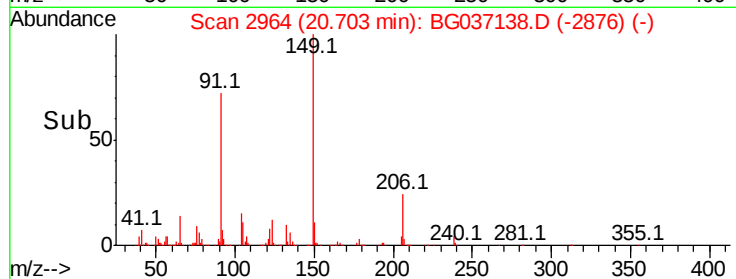
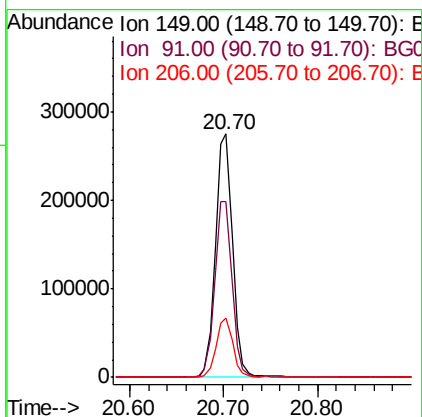
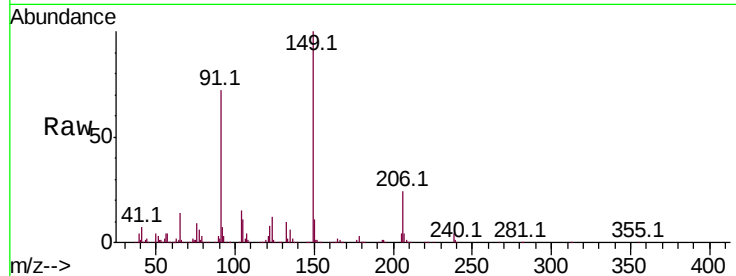
#79
Butylbenzylphthalate
Concen: 48.990 ng
RT: 20.70 min Scan# 2964
Delta R.T. -0.01 min
Lab File: BG037138.D
Acq: 3 Oct 2018 18:02

Instrument :
BNA_G
ClientSampleId :
CG-SOIL-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
91	72.2	62.0	93.0	
206	24.1	19.6	29.4	

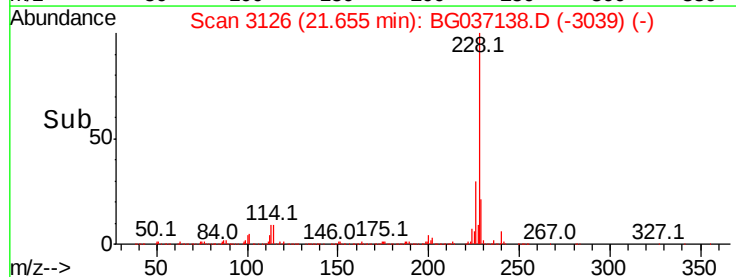
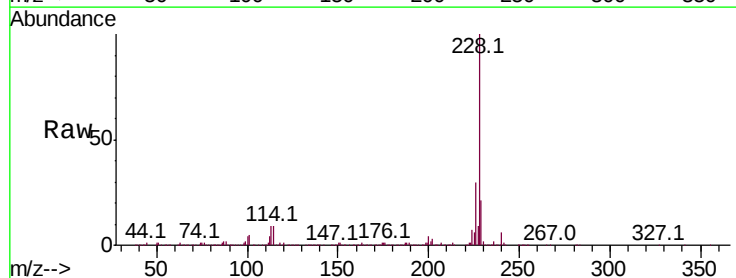
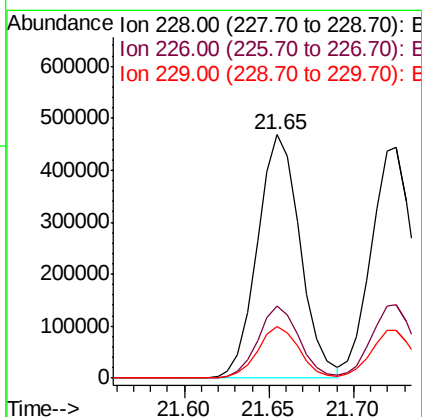
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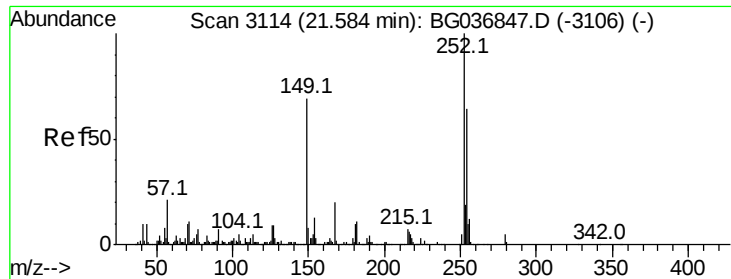
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#80
Benzo(a)anthracene
Concen: 46.627 ng
RT: 21.65 min Scan# 3126
Delta R.T. -0.02 min
Lab File: BG037138.D
Acq: 3 Oct 2018 18:02

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	29.6	23.4	35.2	
229	21.0	17.1	25.7	





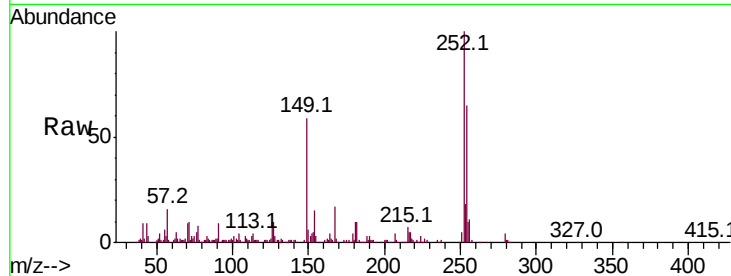
#81
 3,3'-Dichlorobenzidine
 Concen: 27.417 ng
 RT: 21.57 min Scan# 3112
 Delta R.T. -0.01 min
 Lab File: BG037138.D
 Acq: 3 Oct 2018 18:02

Instrument :
 BNA_G
 ClientSampleId :
 CG-SOIL-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
254	65.0	51.0	76.4	
126	10.4	7.4	11.0	

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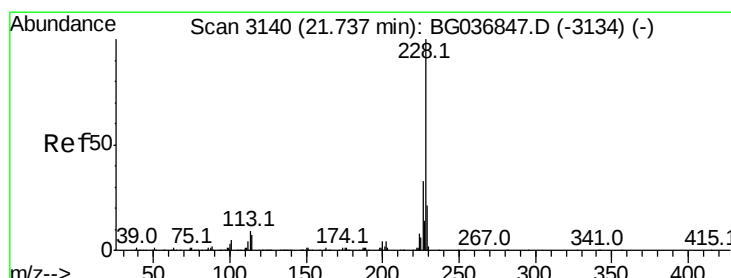
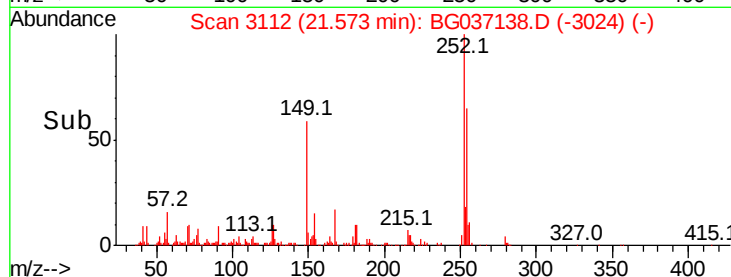
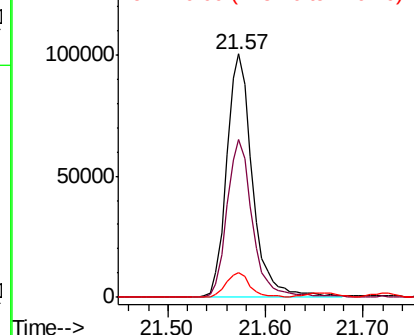


Abundance

Ion 252.00 (251.70 to 252.70): E

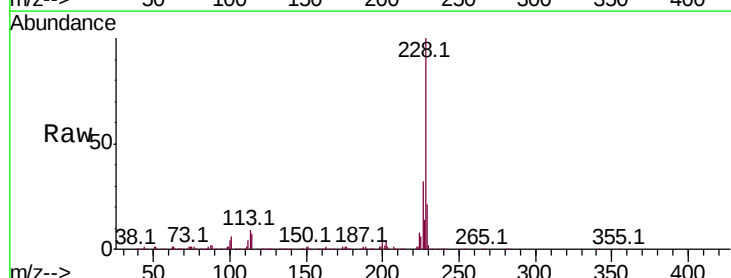
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 46.609 ng
 RT: 21.73 min Scan# 3138
 Delta R.T. -0.01 min
 Lab File: BG037138.D
 Acq: 3 Oct 2018 18:02

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	32.0	25.5	38.3	
229	20.5	16.9	25.3	

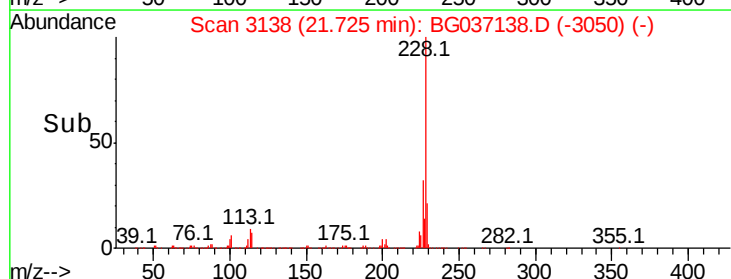
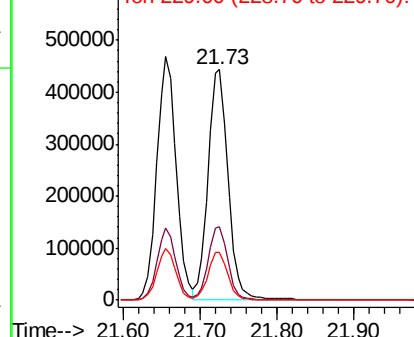


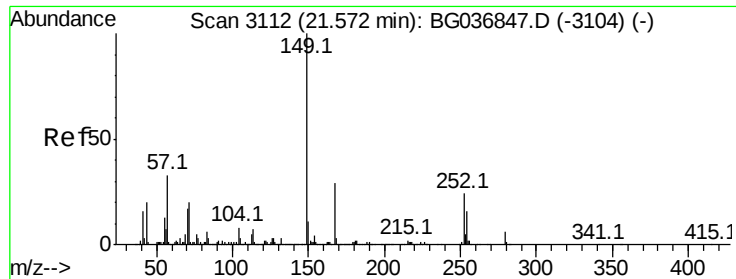
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





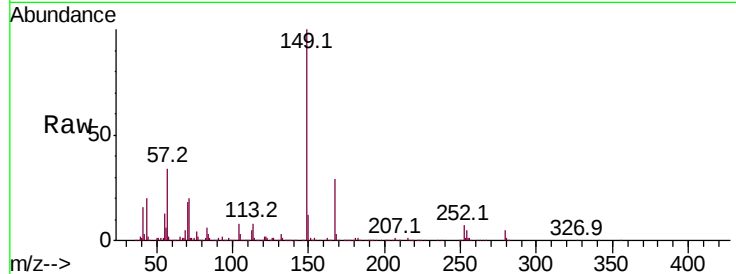
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.663 ng
 RT: 21.55 min Scan# 3109
 Delta R.T. -0.02 min
 Lab File: BG037138.D
 Acq: 3 Oct 2018 18:02

Instrument :
 BNA_G
 ClientSampleId :
 CG-SOIL-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	29.1	23.4	35.0	
279	5.2	4.6	7.0	

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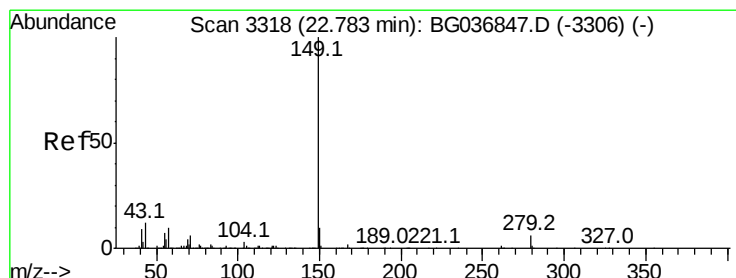
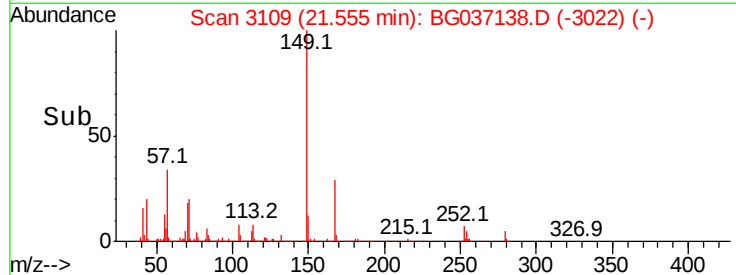
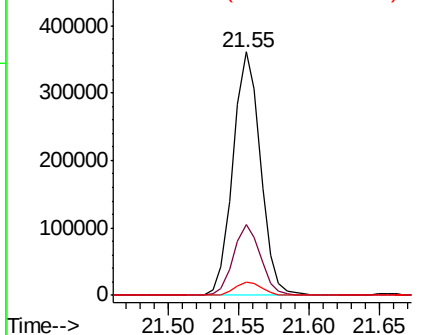


Abundance

Ion 149.00 (148.70 to 149.70): E

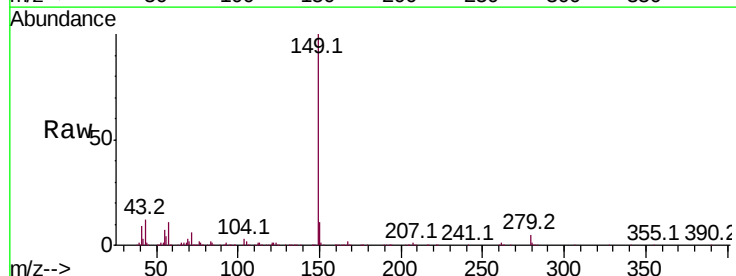
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84
 Di-n-octyl phthalate
 Concen: 49.687 ng
 RT: 22.76 min Scan# 3314
 Delta R.T. -0.02 min
 Lab File: BG037138.D
 Acq: 3 Oct 2018 18:02

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.7	1.3	1.9	
43	12.1	10.0	15.0	

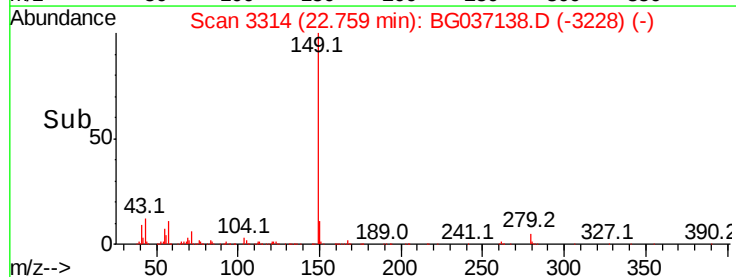
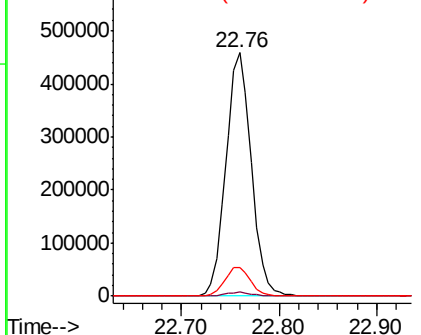


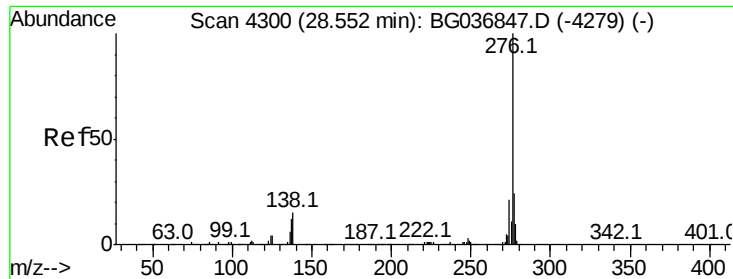
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC





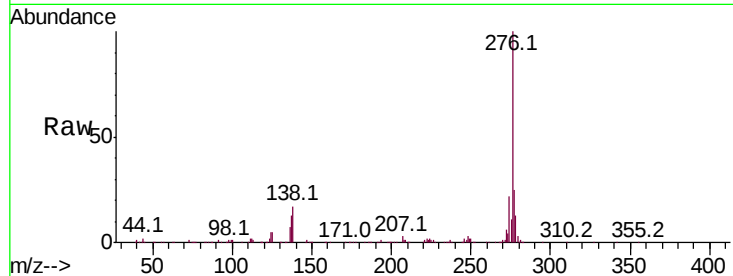
#85
Indeno(1,2,3-cd)pyrene
Concen: 49.678 ng
RT: 28.52 min Scan# 4294
Delta R.T. -0.03 min
Lab File: BG037138.D
Acq: 3 Oct 2018 18:02

Instrument :
BNA_G
ClientSampleId :
CG-SOIL-2MSD

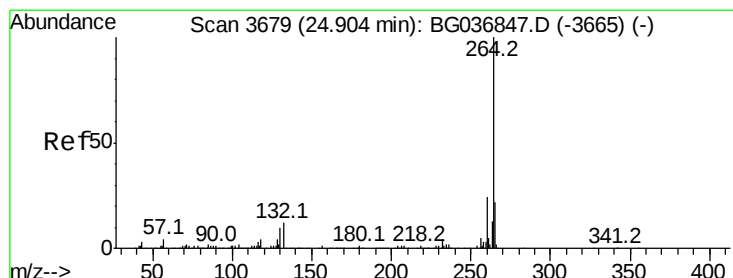
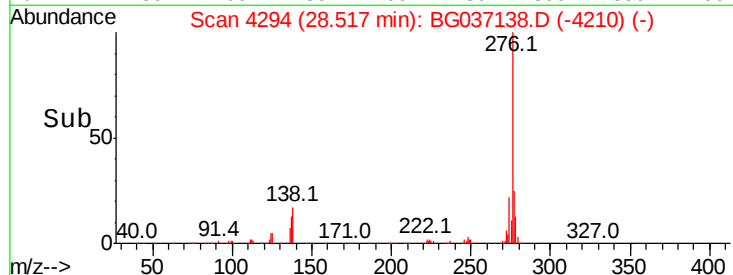
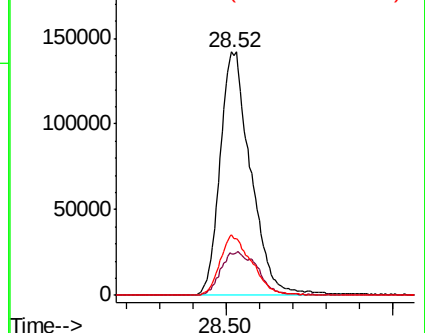
Tot Ion	Ratio	Lower	Upper
276	100		
138	14.4	10.6	15.8
277	25.6	20.6	30.8

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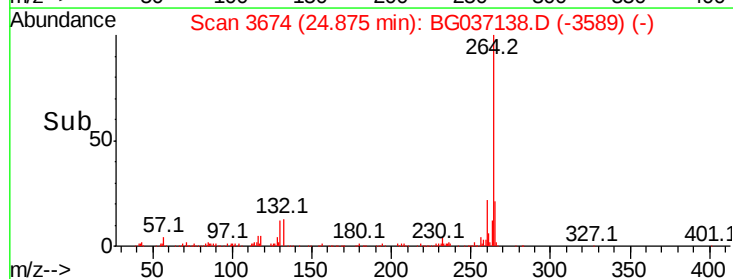
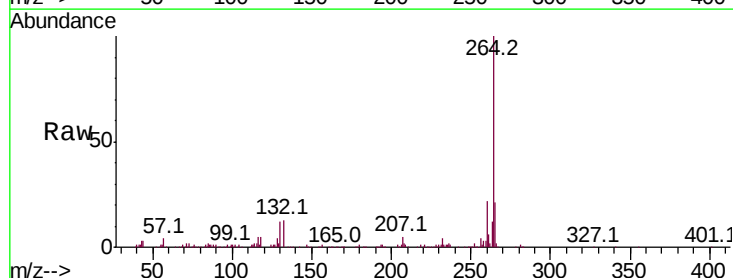
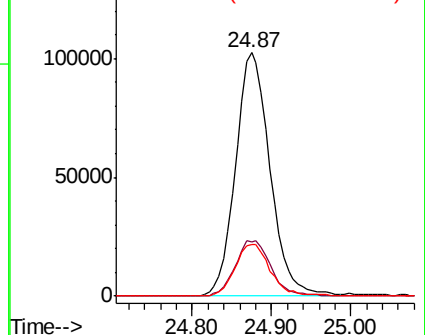
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

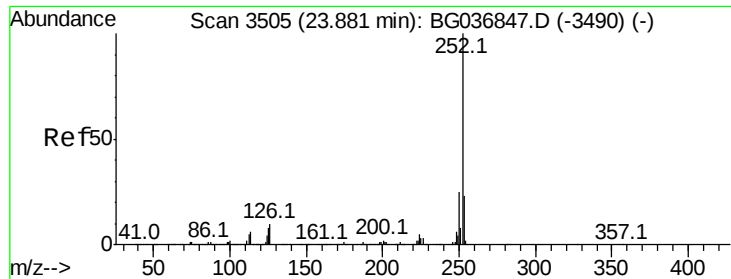


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.87 min Scan# 3674
Delta R.T. -0.03 min
Lab File: BG037138.D
Acq: 3 Oct 2018 18:02

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.6	29.4
265	21.2	17.4	26.0

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





#87

Benzo(b)fluoranthene

Concen: 48.234 ng

RT: 23.86 min Scan# 3501

Delta R.T. -0.02 min

Lab File: BG037138.D

Acq: 3 Oct 2018 18:02

Instrument :

BNA_G

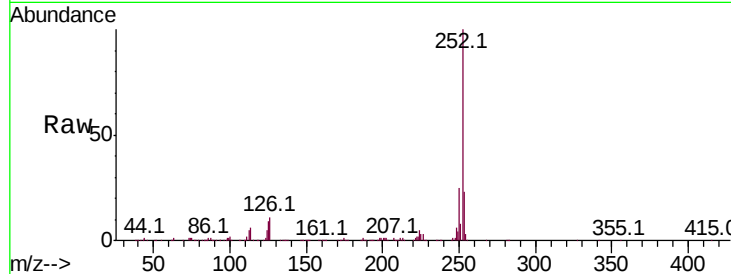
ClientSampleId :

CG-SOIL-2MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.1	25.7
125	9.1	6.6	10.0

Manual Integrations
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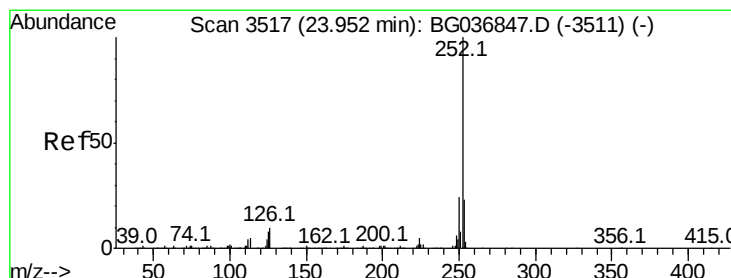
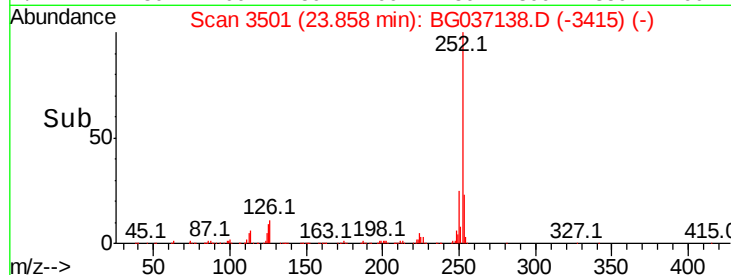
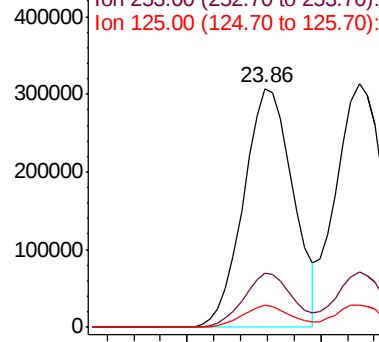


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 48.356 ng

RT: 23.93 min Scan# 3513

Delta R.T. -0.02 min

Lab File: BG037138.D

Acq: 3 Oct 2018 18:02

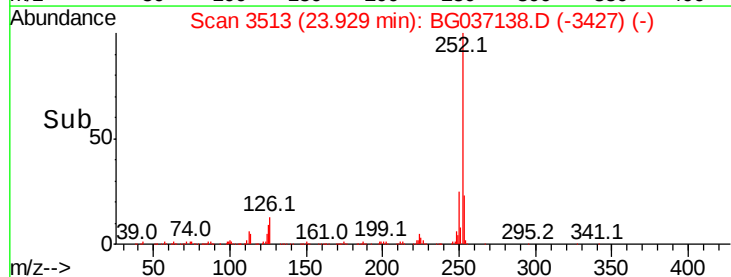
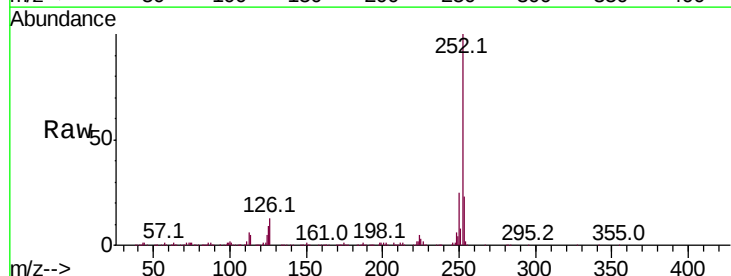
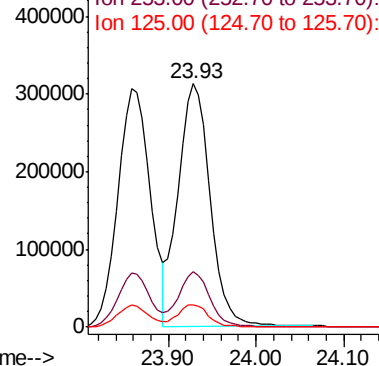
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.0	27.0
125	8.9	7.0	10.6

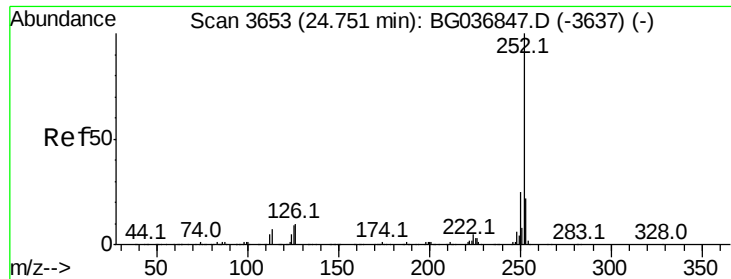
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





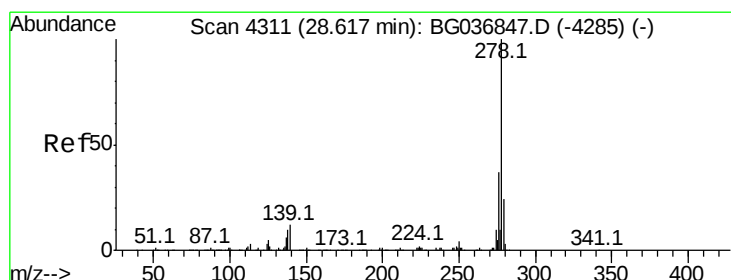
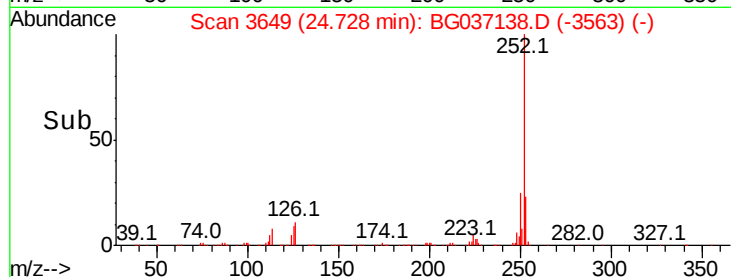
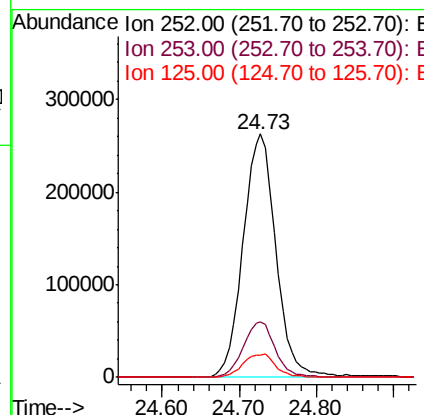
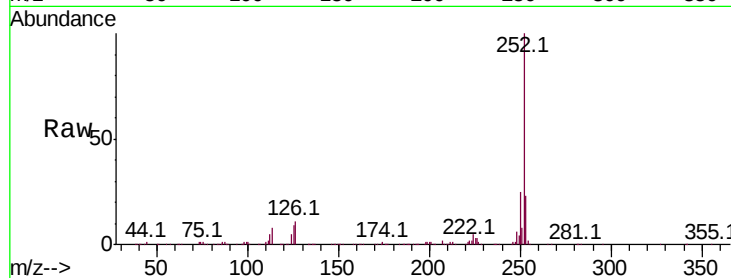
#89
Benzo(a)pyrene
Concen: 49.281 ng
RT: 24.73 min Scan# 3649
Delta R.T. -0.02 min
Lab File: BG037138.D
Acq: 3 Oct 2018 18:02

Instrument :
BNA_G
ClientSampleId :
CG-SOIL-2MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.2
125	9.4	7.3	10.9

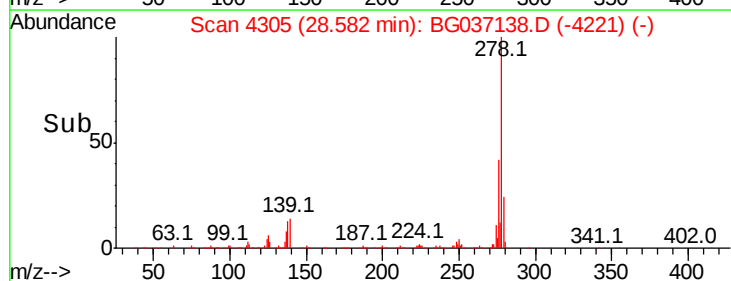
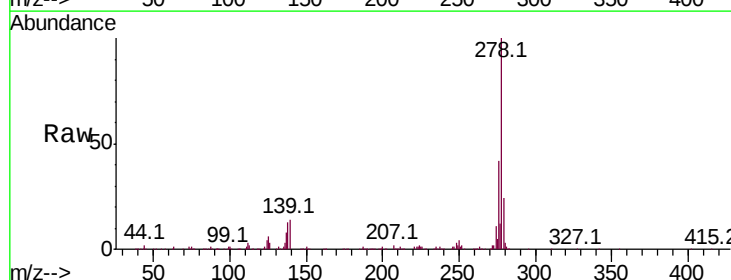
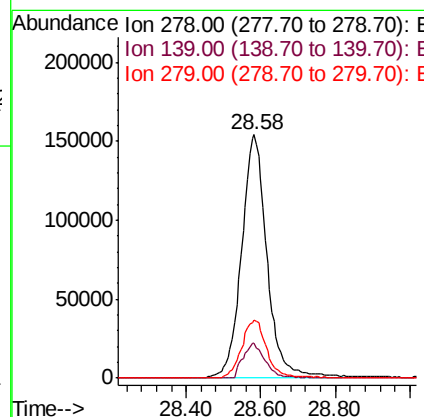
Manual Integrations
APPROVED

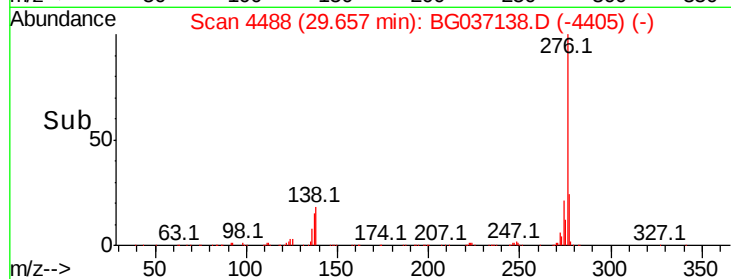
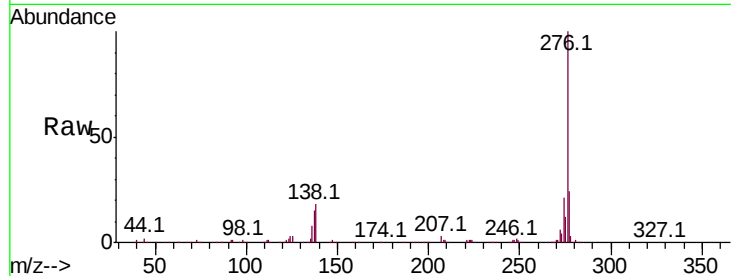
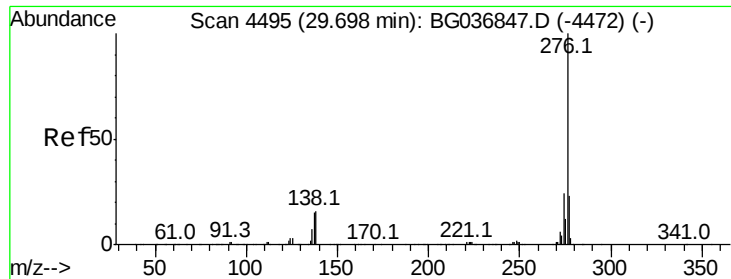
Sohil
10/4/2018 12:59:20 PM



#90
Dibenzo(a,h)anthracene
Concen: 49.112 ng
RT: 28.58 min Scan# 4305
Delta R.T. -0.03 min
Lab File: BG037138.D
Acq: 3 Oct 2018 18:02

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.3	11.0	16.4
279	24.1	18.7	28.1





#91

Benzo(a,h,i)perylene

Concen: 50.081 ng

RT: 29.66 min Scan# 4488

Delta R.T. -0.04 min

Lab File: BG037138.D

Acq: 3 Oct 2018 18:02

Instrument :

BNA_G

ClientSampleId :

CG-SOIL-2MSD

Tot Ion:	276	Resp:	749124
Ion Ratio	Lower	Upper	
276	100		
277	23.7	18.4	27.6
138	18.0	14.6	22.0

Manual Integrations
APPROVED

Sohil
10/4/2018 12:59:20 PM

