

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100418\
 Data File : BG037137.D
 Acq On : 3 Oct 2018 17:23
 Operator : JU/SJ
 Sample : J5212-05MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CG-SOIL-2MS

Manual Integrations
 APPROVED

Sohil
 10/4/2018 12:59:18 PM

Quant Time: Oct 03 18:11:16 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	62077	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	247898	20.00	ng	-0.01
38) Acenaphthene-d10	14.66	164	149856	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	356281	20.00	ng	0.00
75) Chrysene-d12	21.68	240	352352	20.00	ng	-0.01
86) Perylene-d12	24.88	264	359985	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	466383	144.08	ng	0.00
7) Phenol-d6	7.21	99	627733	125.34	ng	0.00
23) Nitrobenzene-d5	9.20	82	423557	91.50	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	232792	129.84	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	851568	84.64	ng	-0.01
78) Terphenyl-d14	20.01	244	1245148	92.92	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.53	88	65281	44.074	ng	96
3) Pyridine	3.92	79	175264	40.981	ng	98
4) n-Nitrosodimethylamine	3.85	42	99776	52.491	ng	# 99
6) Aniline	7.37	93	188186	28.959	ng	98
8) 2-Chlorophenol	7.61	128	186128	49.523	ng	95
9) Benzaldehyde	7.18	77	95708	28.921	ng	97
10) Phenol	7.24	94	261832	50.658	ng	97
11) bis(2-Chloroethyl)ether	7.46	93	194801	40.745	ng	99
12) 1,3-Dichlorobenzene	7.93	146	188329	40.872	ng	98
13) 1,4-Dichlorobenzene	8.08	146	195974	41.560	ng	98
14) 1,2-Dichlorobenzene	8.39	146	183981	40.262	ng	96
15) Benzyl Alcohol	8.28	79	171300	42.155	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.56	45	392492	42.761	ng	97
17) 2-Methylphenol	8.48	107	166895	46.356	ng	98
18) Hexachloroethane	9.12	117	76157	43.888	ng	97
19) n-Nitroso-di-n-propylamine	8.85	70	162503	39.006	ng	98
20) 3+4-Methylphenols	8.81	107	229478	45.817	ng	97
22) Acetophenone	8.86	105	283506	48.666	ng	# 97
24) Nitrobenzene	9.24	77	241616	48.875	ng	100
25) Isophorone	9.76	82	450531	53.263	ng	99
26) 2-Nitrophenol	9.96	139	105968	53.778	ng	99
27) 2,4-Dimethylphenol	10.01	122	175354	57.129	ng	99
28) bis(2-Chloroethoxy)methane	10.24	93	266733	51.105	ng	98
29) 2,4-Dichlorophenol	10.49	162	189544	53.270	ng	96
30) 1,2,4-Trichlorobenzene	10.70	180	198347	44.544	ng	98
31) Naphthalene	10.89	128	578216	49.021	ng	99
32) Benzoic acid	10.01	122	175354	71.345	ng	# 14
33) 4-Chloroaniline	11.00	127	97911	18.257	ng	99
34) Hexachlorobutadiene	11.17	225	134318	43.619	ng	96
35) Caprolactam	11.78	113	63783m	43.553	ng	
36) 4-Chloro-3-methylphenol	12.12	107	202988	47.812	ng	99
37) 2-Methylnaphthalene	12.49	142	431110	47.990	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	234614	44.888	ng	97
40) Hexachlorocyclopentadiene	12.83	237	279884	104.119	ng	99

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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	148268	51.084	ng	97
43) 2,4,5-Trichlorophenol	13.18	196	165702	53.541	ng	97
45) 1,1'-Biphenyl	13.50	154	550958	48.006	ng	98
46) 2-Chloronaphthalene	13.55	162	420809	46.624	ng	100
47) 2-Nitroaniline	13.75	65	158345	50.722	ng	96
48) Acenaphthylene	14.39	152	704656	49.823	ng	99
49) Dimethylphthalate	14.12	163	901065	74.700	ng	98
50) 2,6-Dinitrotoluene	14.24	165	123626	46.974	ng	99
51) Acenaphthene	14.73	154	399698	46.760	ng	99
52) 3-Nitroaniline	14.57	138	78802	28.415	ng	97
53) 2,4-Dinitrophenol	14.78	184	49247	43.760	ng	92
54) Dibenzofuran	15.06	168	655384	45.329	ng	98
55) 4-Nitrophenol	14.89	139	176196	99.452	ng	99
56) 2,4-Dinitrotoluene	15.03	165	177680	48.383	ng	94
57) Fluorene	15.71	166	523555	48.448	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.29	232	154730	49.284	ng	97
59) Diethylphthalate	15.48	149	545453	44.834	ng	100
60) 4-Chlorophenyl-phenylether	15.70	204	290119	42.392	ng	99
61) 4-Nitroaniline	15.74	138	133881	45.895	ng	95
62) Azobenzene	16.00	77	565765	48.398	ng	99
64) 4,6-Dinitro-2-methylphenol	15.79	198	91692	49.226	ng	95
65) n-Nitrosodiphenylamine	15.92	169	472687	48.057	ng	98
66) 4-Bromophenyl-phenylether	16.59	248	182360	44.999	ng	98
67) Hexachlorobenzene	16.72	284	183849	44.048	ng	98
68) Atrazine	16.87	200	197638	49.625	ng	98
69) Pentachlorophenol	17.06	266	209881	79.869	ng	98
70) Phenanthrene	17.45	178	843340	49.120	ng	99
71) Anthracene	17.54	178	860963	50.714	ng	99
72) Carbazole	17.81	167	774732	46.805	ng	100
73) Di-n-butylphthalate	18.36	149	895467	48.714	ng	99
74) Fluoranthene	19.46	202	1010919	48.915	ng	99
76) Benzidine	19.64	184	320471	30.087	ng	99
77) Pyrene	19.82	202	994330	47.026	ng	99
79) Butylbenzylphthalate	20.70	149	417281	49.512	ng	96
80) Benzo(a)anthracene	21.66	228	991960	48.227	ng	100
81) 3,3'-Dichlorobenzidine	21.57	252	217267	27.751	ng	96
82) Chrysene	21.72	228	931887	46.892	ng	98
83) Bis(2-ethylhexyl)phthalate	21.55	149	585657	49.743	ng	99
84) Di-n-octyl phthalate	22.76	149	995912	51.376	ng	98
85) Indeno(1,2,3-cd)pyrene	28.53	276	1099856	51.538	ng	98
87) Benzo(b)fluoranthene	23.86	252	966636	50.386	ng	97
88) Benzo(k)fluoranthene	23.93	252	949291	49.321	ng	99
89) Benzo(a)pyrene	24.73	252	959392	51.727	ng	100
90) Dibenzo(a,h)anthracene	28.59	278	891095	51.264	ng	96
91) Benzo(g,h,i)perylene	29.66	276	915885	52.500	ng	97

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

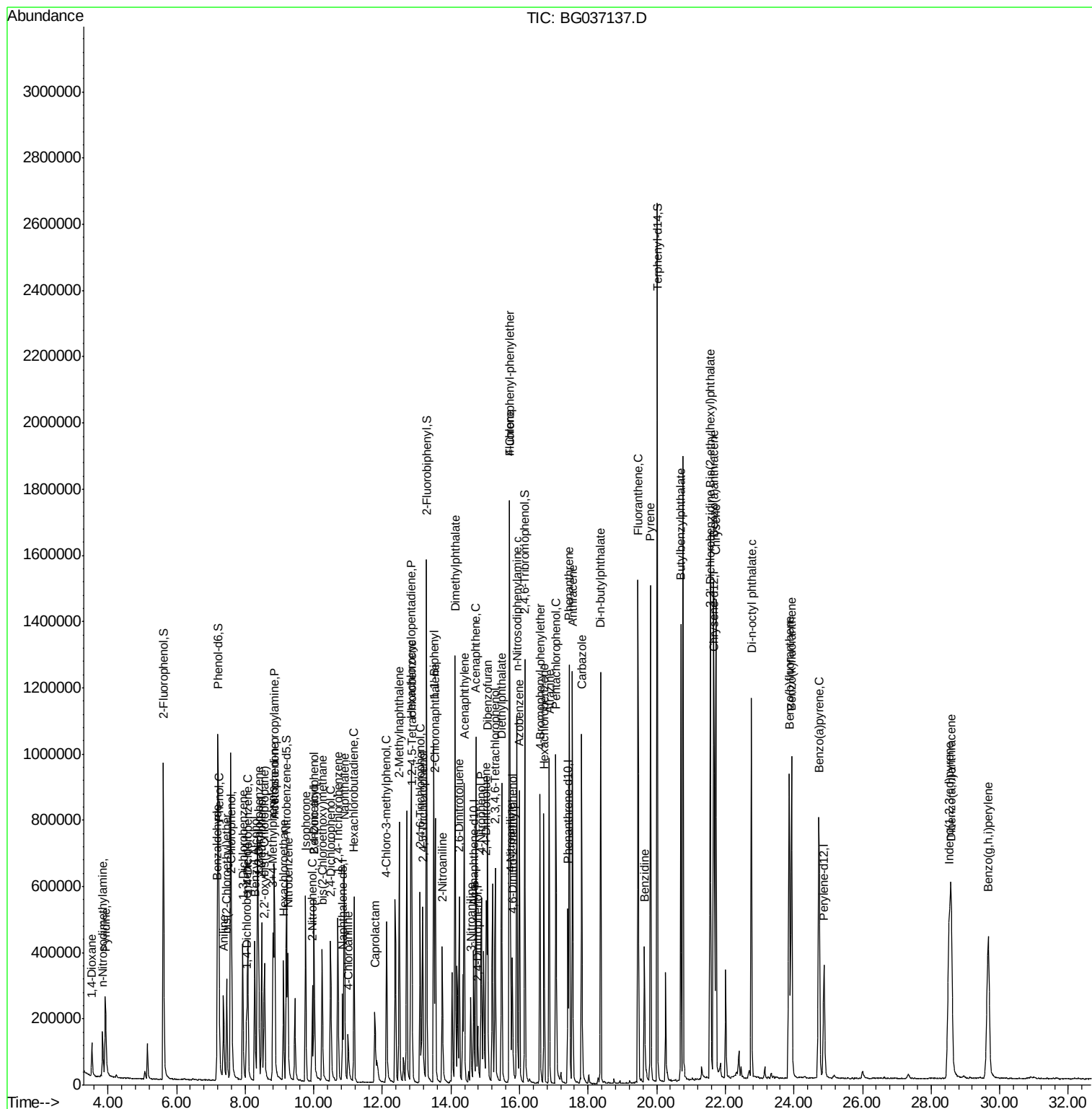
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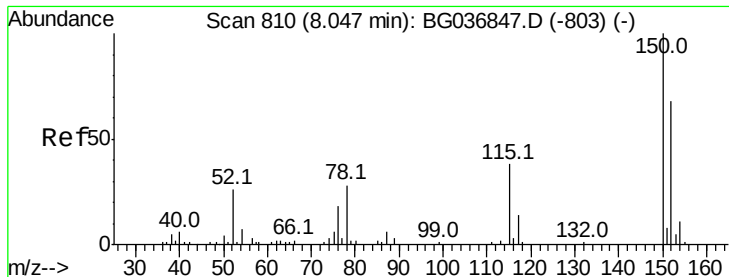
Instrument :
BNA_G
ClientSampleId :
CG-SOIL-2MS

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#1

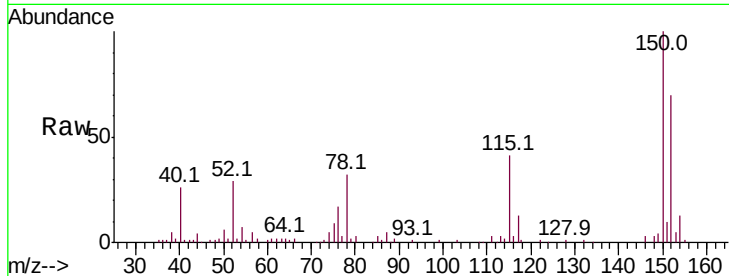
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.01 min
Lab File: BG037137.D
Acq: 3 Oct 2018 17:23

Instrument :
BNA_G
ClientSampleId :
CG-SOIL-2MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	141.9	119.5	179.3
115	57.9	44.5	66.7

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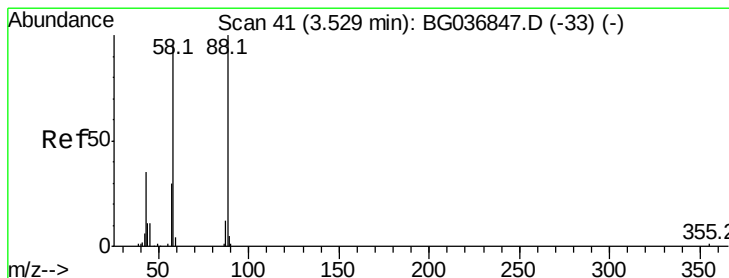
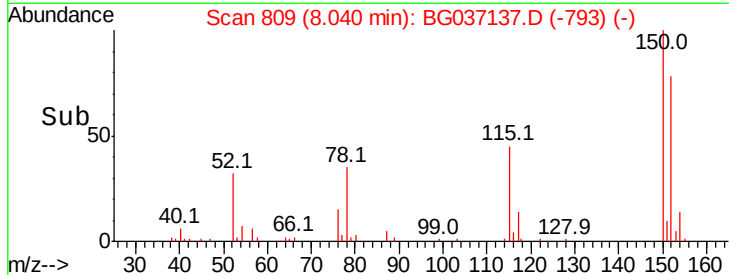
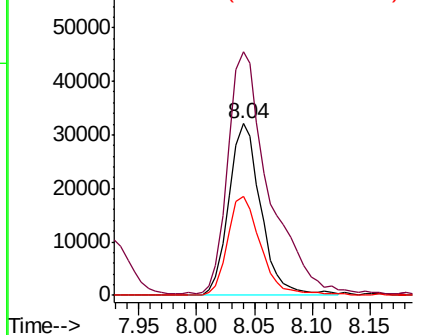


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

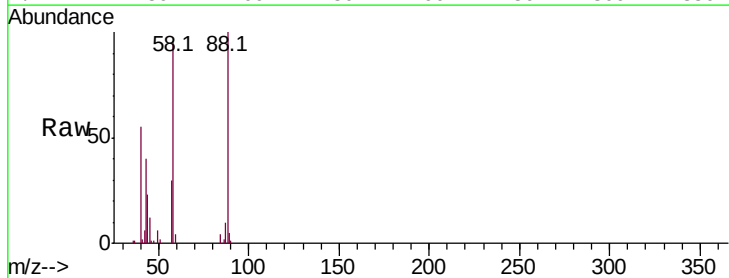
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 44.074 ng
RT: 3.53 min Scan# 42
Delta R.T. 0.01 min
Lab File: BG037137.D
Acq: 3 Oct 2018 17:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	93.5	72.6	109.0
43	31.2	29.0	43.4

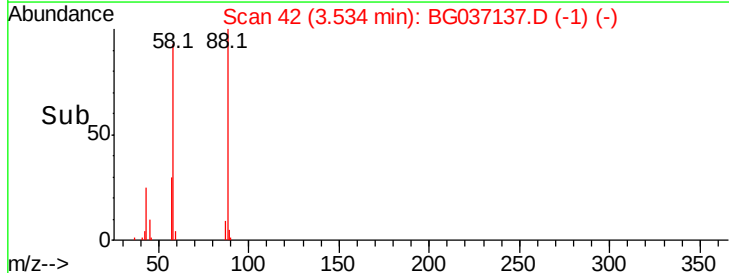
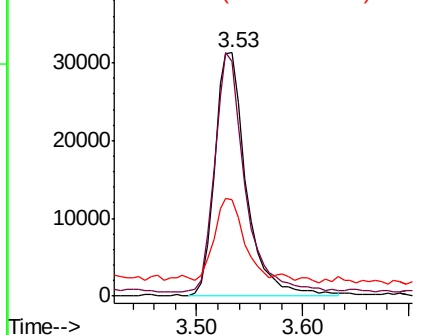


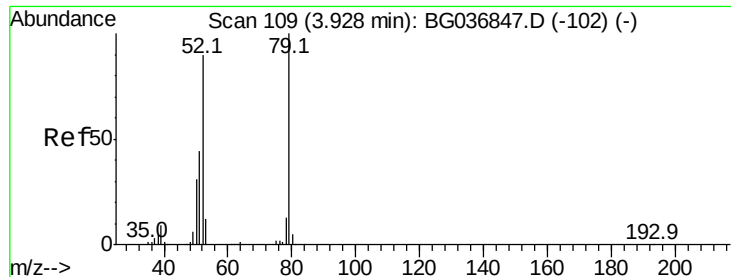
Abundance

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: 40.981 ng

RT: 3.92 min Scan# 108

Delta R.T. -0.01 min

Lab File: BG037137.D

Acq: 3 Oct 2018 17:23

Instrument :

BNA_G

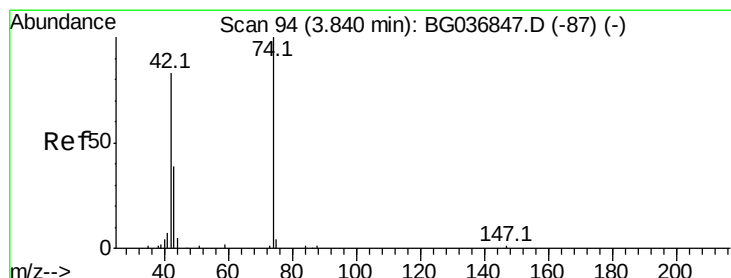
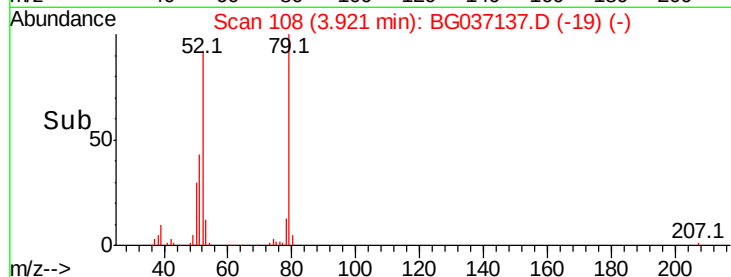
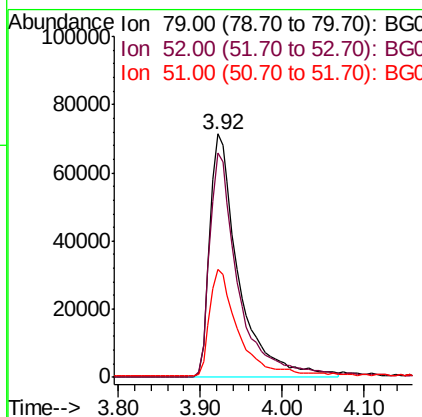
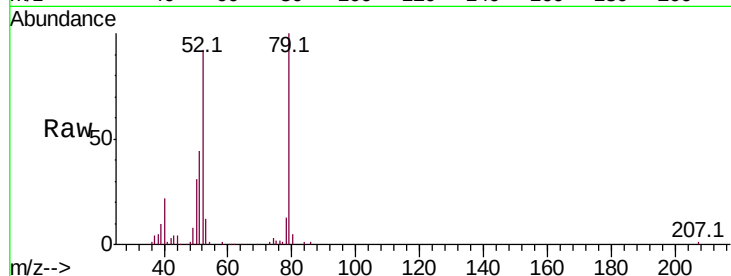
ClientSampleId :

CG-SOIL-2MS

Tot Ion:	79	Resp:	175264
Ion Ratio	Lower	Upper	
79	100		
52	92.1	72.3	108.5
51	44.4	33.8	50.6

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#4

n-Nitrosodimethylamine

Concen: 52.491 ng

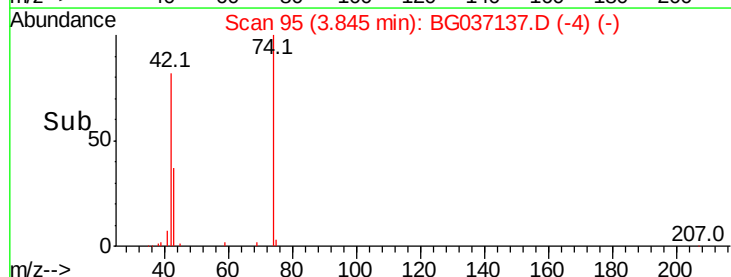
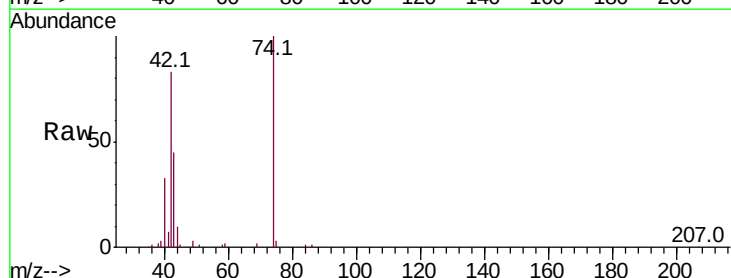
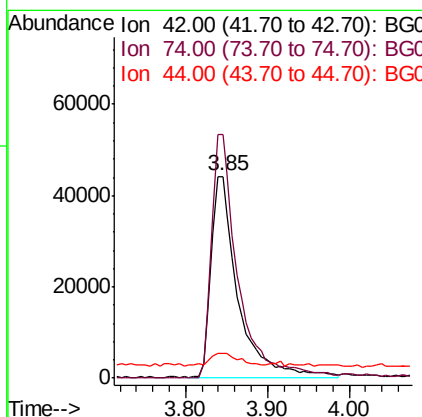
RT: 3.85 min Scan# 95

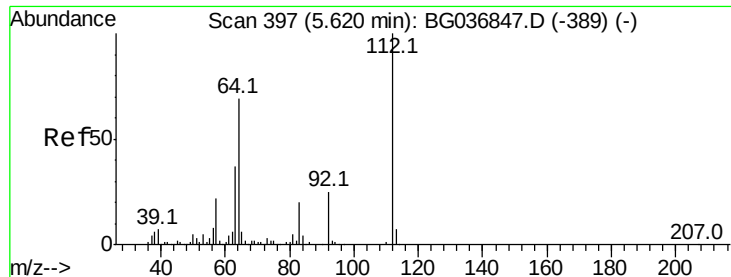
Delta R.T. 0.01 min

Lab File: BG037137.D

Acq: 3 Oct 2018 17:23

Tgt Ion:	42	Resp:	99776
Ion Ratio	Lower	Upper	
42	100		
74	120.8	96.6	145.0
44	12.5	7.0	10.4





#5

2-Fluorophenol

Concen: 144.083 ng

RT: 5.62 min Scan# 397

Delta R.T. -0.00 min

Lab File: BG037137.D

Acq: 3 Oct 2018 17:23

Instrument :

BNA_G

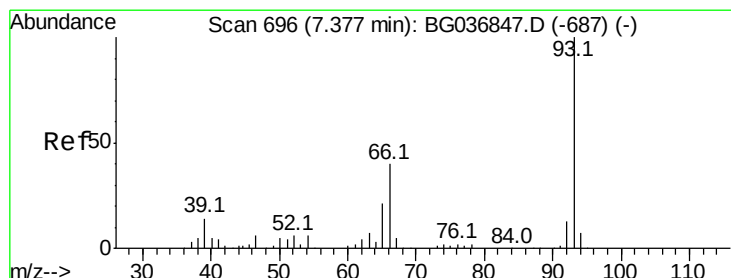
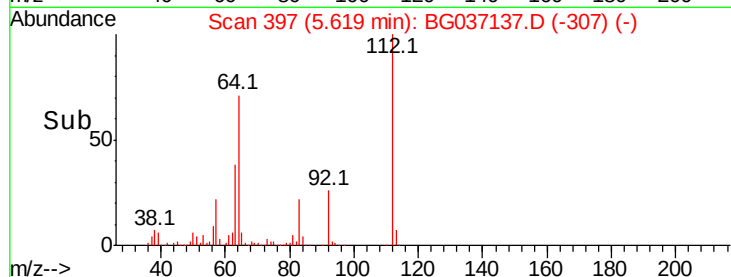
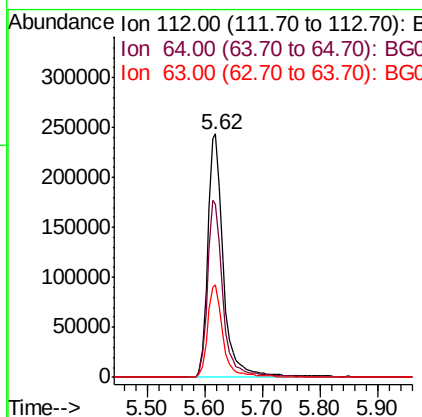
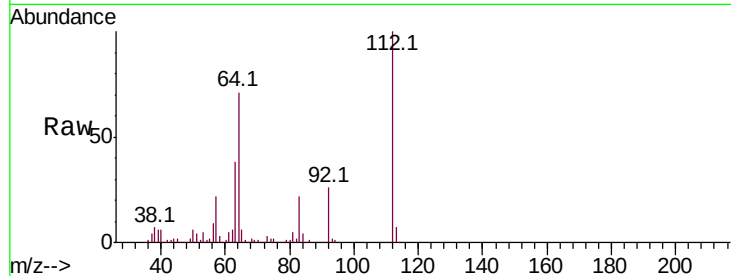
ClientSampleId :

CG-SOIL-2MS

Tot Ion:	112	Resp:	466383
Ion Ratio	Lower	Upper	
112	100		
64	71.3	57.2	85.8
63	37.9	30.8	46.2

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#6

Aniline

Concen: 28.959 ng

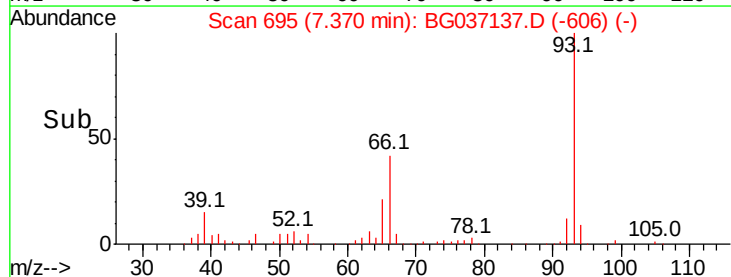
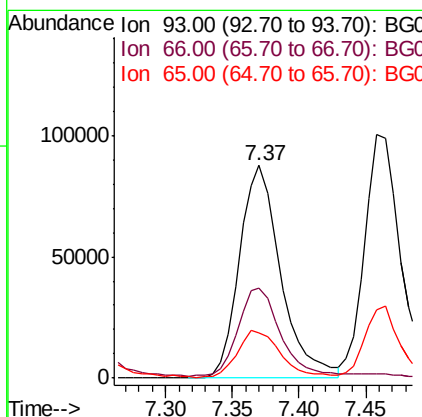
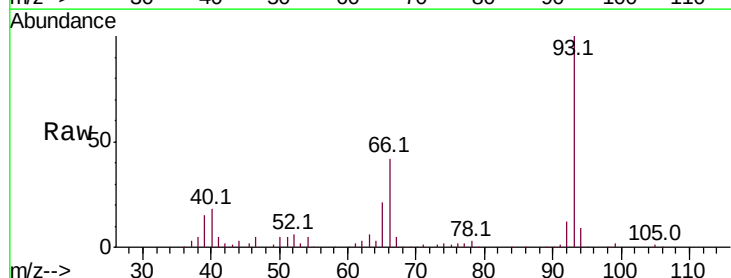
RT: 7.37 min Scan# 695

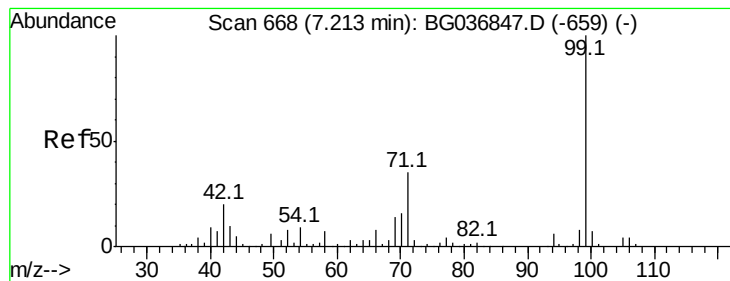
Delta R.T. -0.01 min

Lab File: BG037137.D

Acq: 3 Oct 2018 17:23

Tgt Ion:	93	Resp:	188186
Ion Ratio	Lower	Upper	
93	100		
66	42.1	35.0	52.4
65	21.3	17.6	26.4





#7

Phenol-d6

Concen: 125.345 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG037137.D

Acq: 3 Oct 2018 17:23

Instrument :

BNA_G

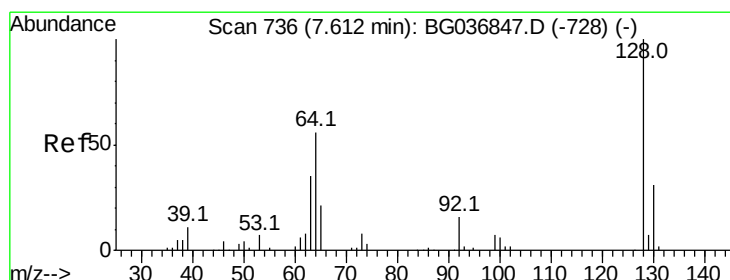
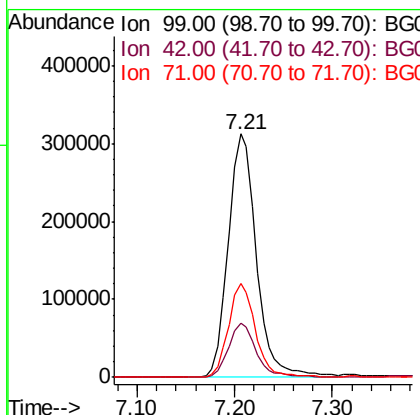
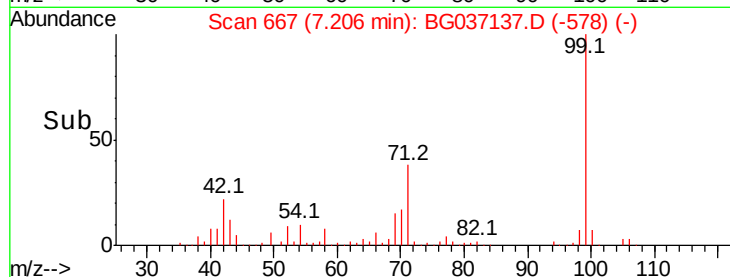
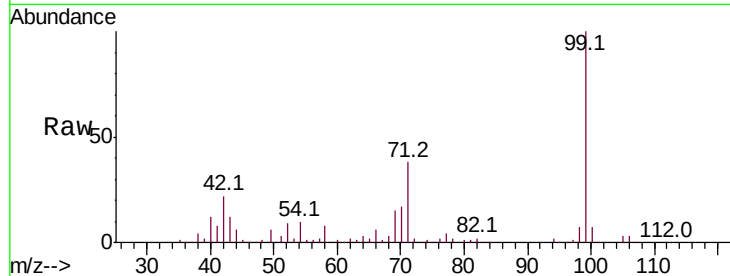
ClientSampleId :

CG-SOIL-2MS

Tot Ion	99	Resp	627733
Ion Ratio	Lower	Upper	
99	100		
42	22.1	16.5	24.7
71	38.4	29.4	44.2

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#8

2-Chlorophenol

Concen: 49.523 ng

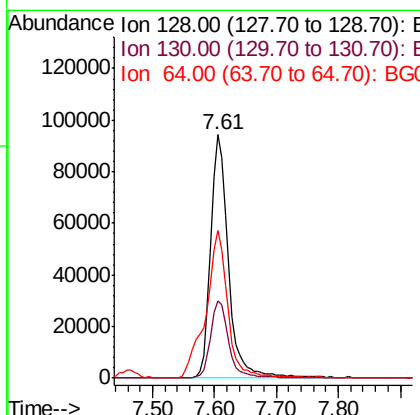
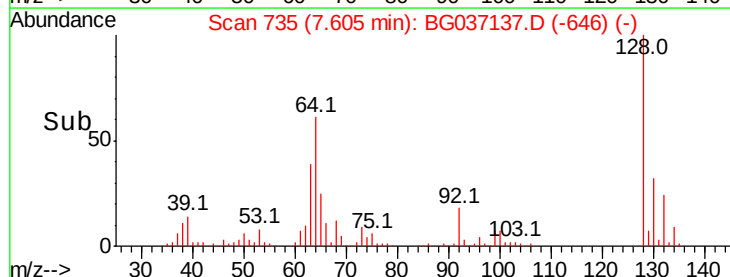
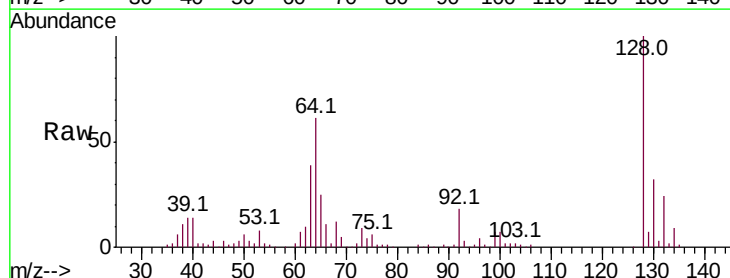
RT: 7.61 min Scan# 735

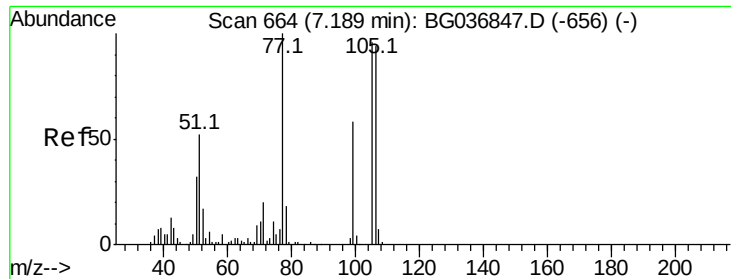
Delta R.T. -0.01 min

Lab File: BG037137.D

Acq: 3 Oct 2018 17:23

Tgt Ion	128	Resp	186128
Ion Ratio	Lower	Upper	
128	100		
130	31.7	10.0	50.0
64	60.7	36.0	76.0





#9

Benzaldehyde

Concen: 28.921 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG037137.D

Acq: 3 Oct 2018 17:23

Instrument :

BNA_G

ClientSampled :

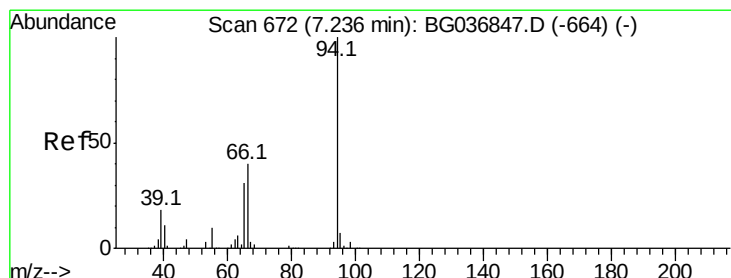
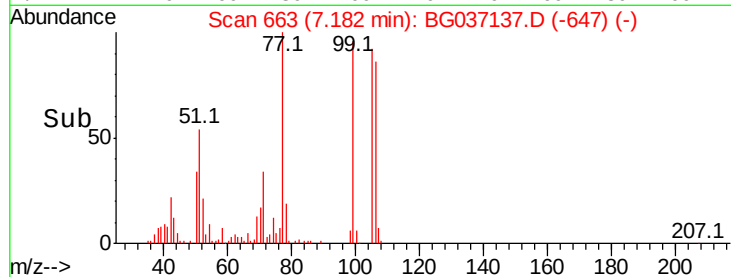
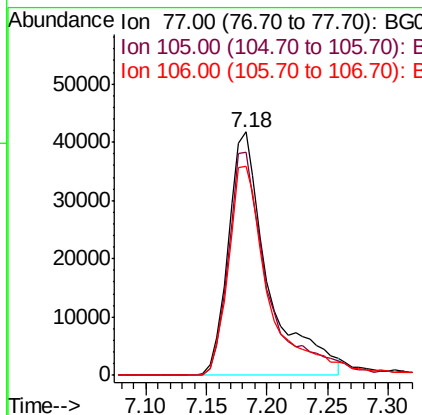
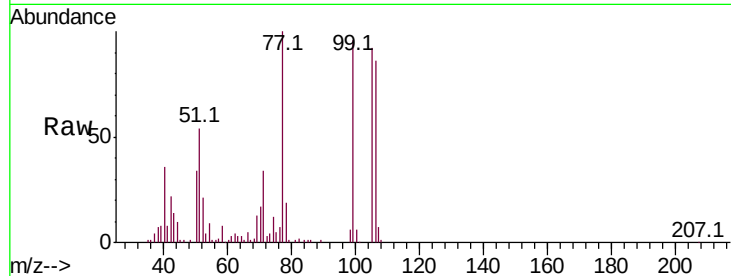
CG-SOIL-2MS

Tot Ion: 77 Resp: 95708

Ion	Ratio	Lower	Upper
77	100		
105	91.6	70.5	110.5
106	85.6	69.8	109.8

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#10

Phenol

Concen: 50.658 ng

RT: 7.24 min Scan# 672

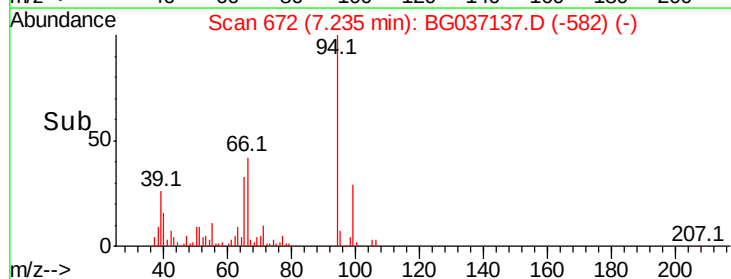
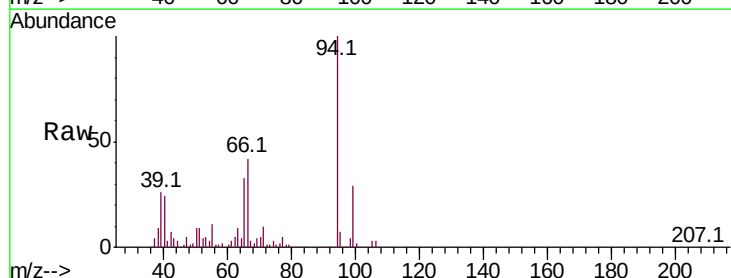
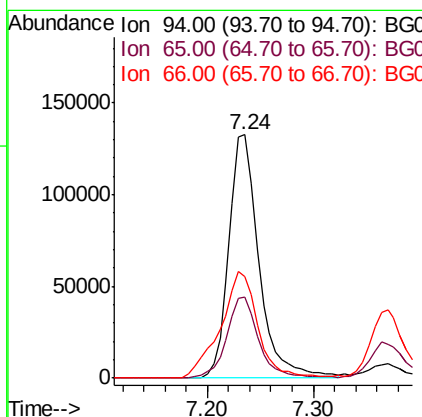
Delta R.T. -0.00 min

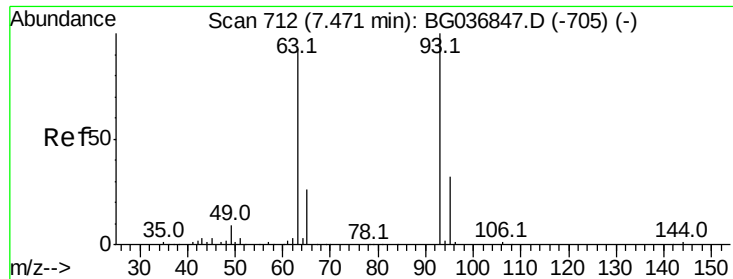
Lab File: BG037137.D

Acq: 3 Oct 2018 17:23

Tgt Ion: 94 Resp: 261832

Ion	Ratio	Lower	Upper
94	100		
65	33.1	11.5	51.5
66	41.6	19.5	59.5





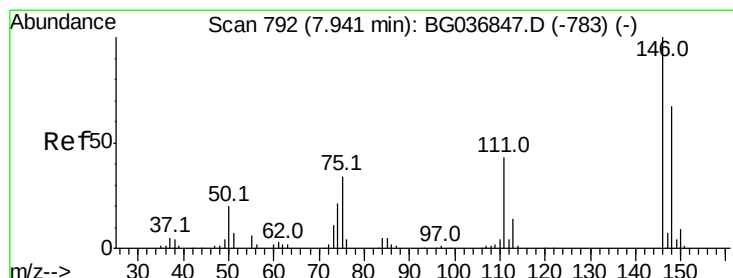
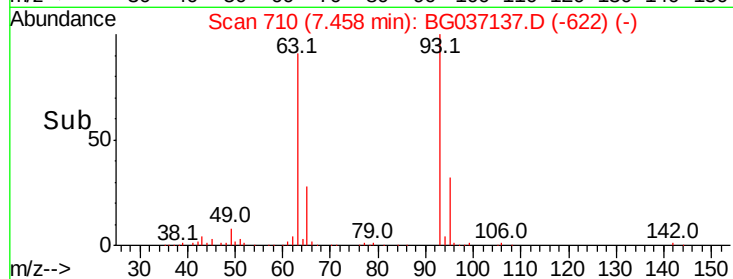
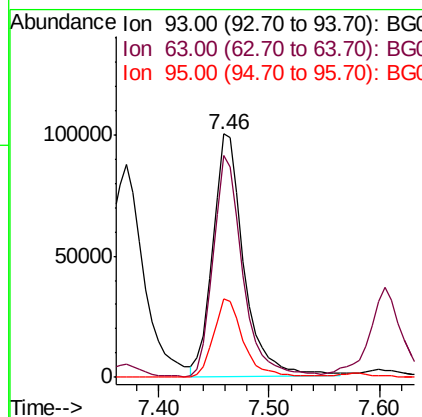
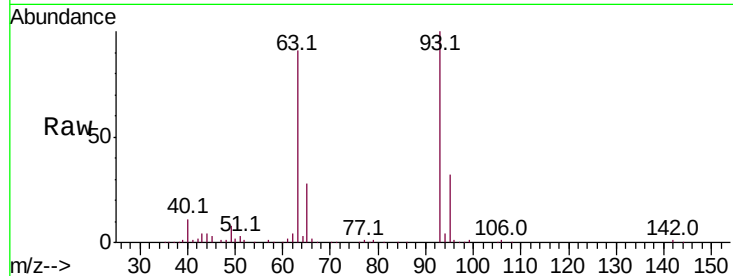
#11
bis(2-Chloroethyl)ether
Concen: 40.745 ng
RT: 7.46 min Scan# 710
Delta R.T. -0.01 min
Lab File: BG037137.D
Acq: 3 Oct 2018 17:23

Instrument :
BNA_G
ClientSampleId :
CG-SOIL-2MS

Tot Ion	93	Resp	194801
Ion	Ratio	Lower	Upper
93	100		
63	91.1	69.9	109.9
95	32.5	11.7	51.7

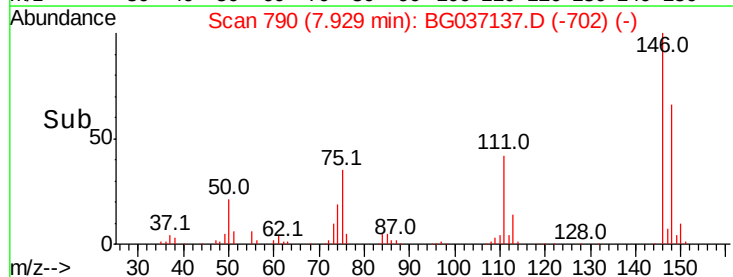
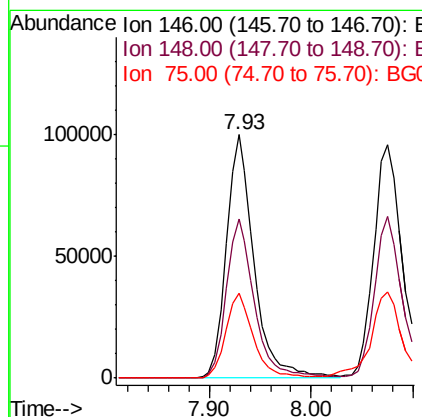
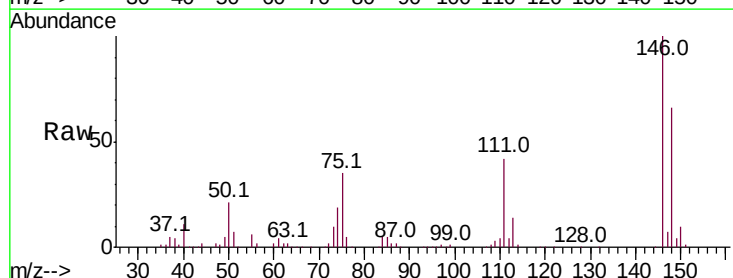
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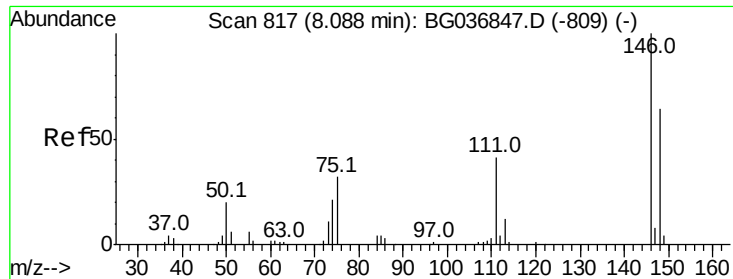
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#12
1,3-Dichlorobenzene
Concen: 40.872 ng
RT: 7.93 min Scan# 790
Delta R.T. -0.01 min
Lab File: BG037137.D
Acq: 3 Oct 2018 17:23

Tgt Ion	146	Resp	188329
Ion	Ratio	Lower	Upper
146	100		
148	65.6	53.8	80.6
75	34.9	27.2	40.8





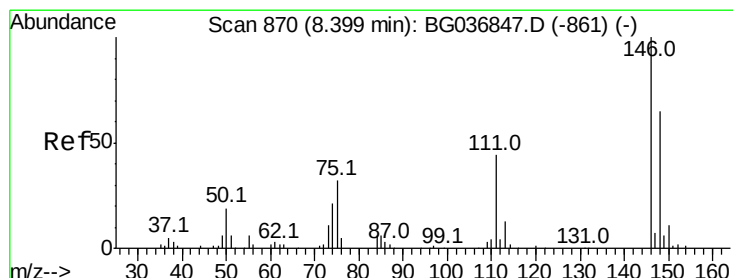
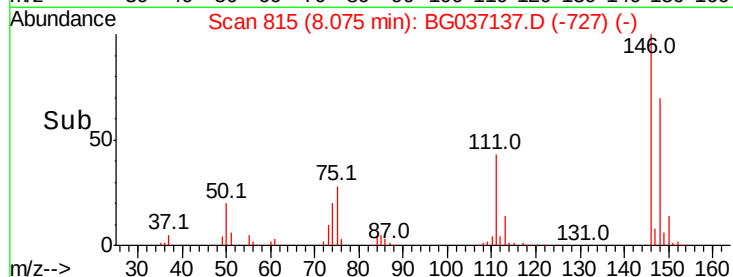
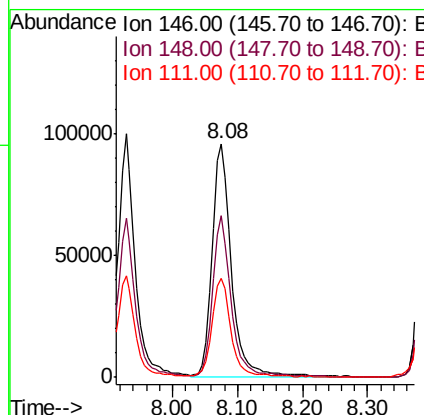
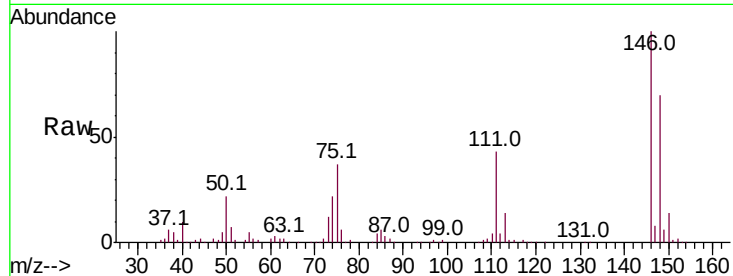
#13
1,4-Dichlorobenzene
Concen: 41.560 ng
RT: 8.08 min Scan# 815
Delta R.T. -0.01 min
Lab File: BG037137.D
Acq: 3 Oct 2018 17:23

Instrument :
BNA_G
ClientSampled :
CG-SOIL-2MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	69.5	53.9	80.9
111	42.7	33.8	50.6

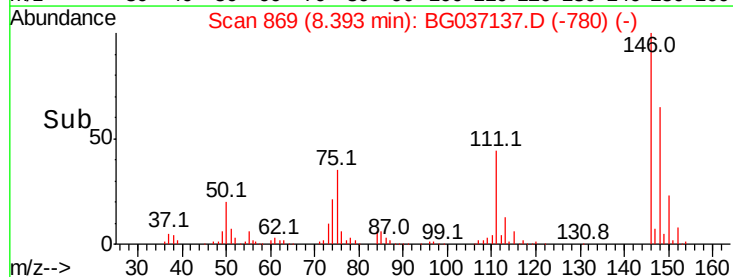
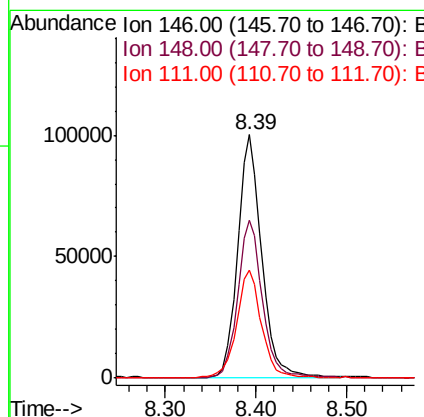
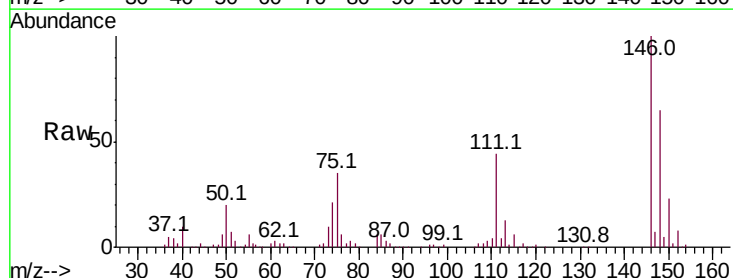
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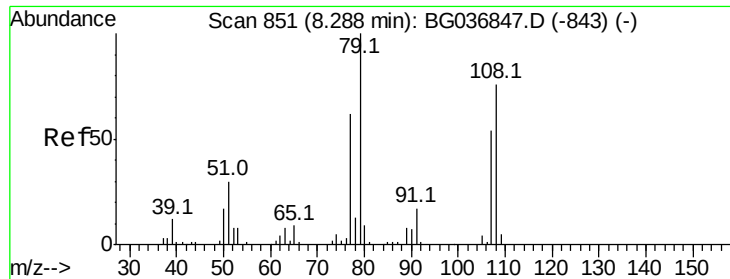
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#14
1,2-Dichlorobenzene
Concen: 40.262 ng
RT: 8.39 min Scan# 869
Delta R.T. -0.01 min
Lab File: BG037137.D
Acq: 3 Oct 2018 17:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	55.0	82.6
111	44.1	34.6	51.8





#15

Benzyl Alcohol

Concen: 42.155 ng

RT: 8.28 min Scan# 849

Delta R.T. -0.01 min

Lab File: BG037137.D

Acq: 3 Oct 2018 17:23

Instrument :

BNA_G

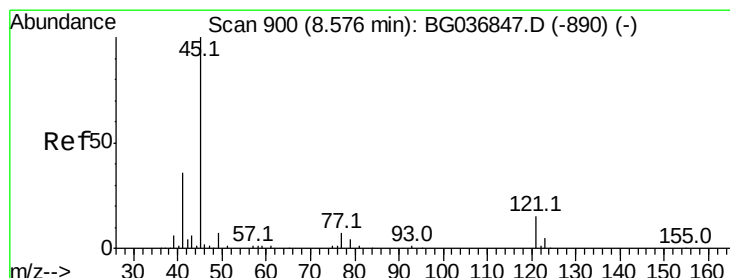
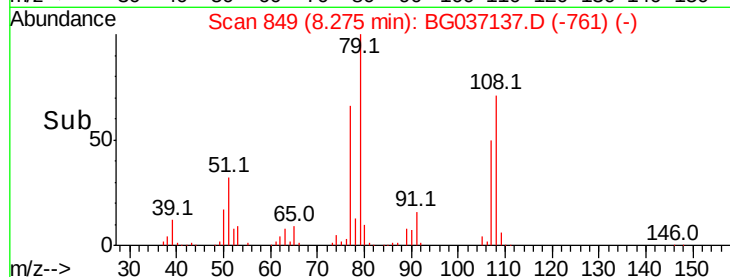
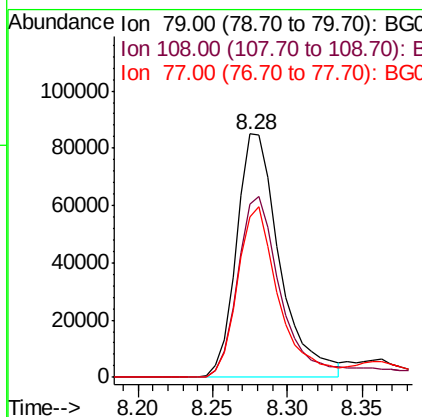
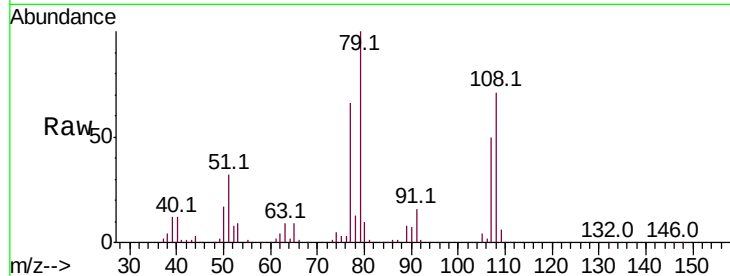
ClientSampled :

CG-SOIL-2MS

Tot Ion:	79	Resp:	171300
Ion Ratio	Lower	Upper	
79	100		
108	71.3	55.9	83.9
77	65.7	50.0	75.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.761 ng

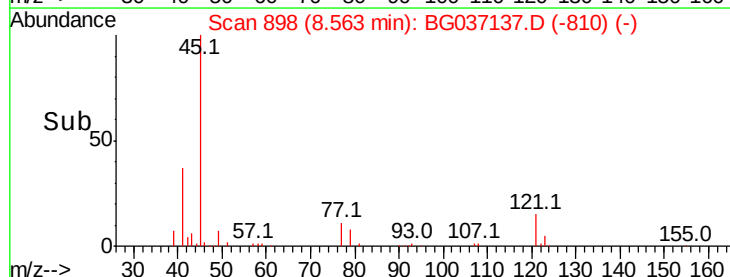
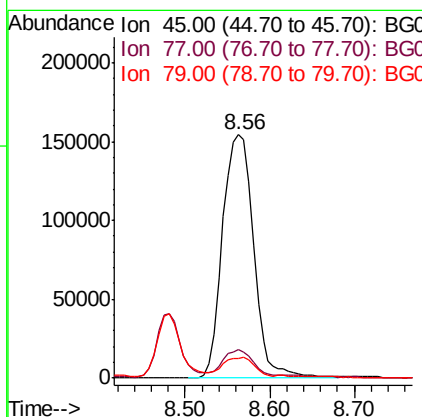
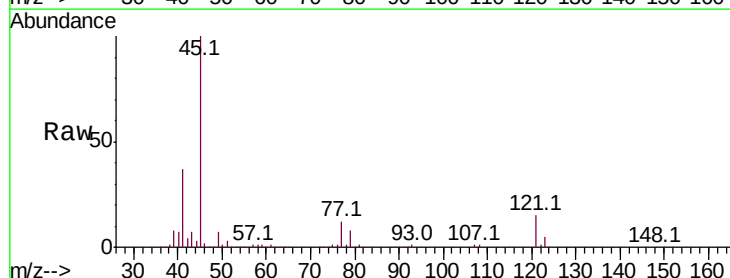
RT: 8.56 min Scan# 898

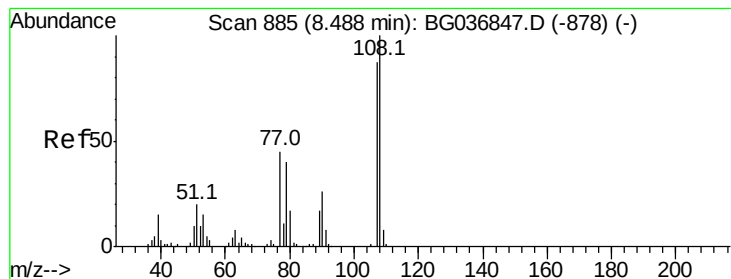
Delta R.T. -0.01 min

Lab File: BG037137.D

Acq: 3 Oct 2018 17:23

Tgt Ion:	45	Resp:	392492
Ion Ratio	Lower	Upper	
45	100		
77	12.0	0.0	30.5
79	8.3	0.0	27.9





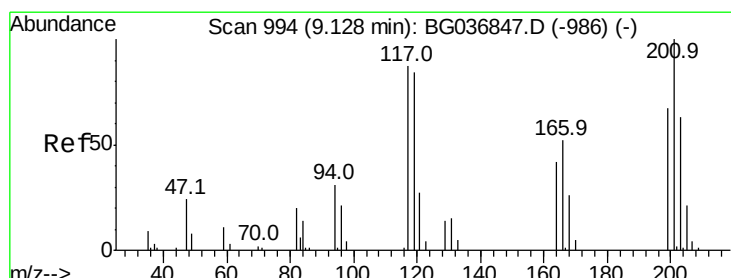
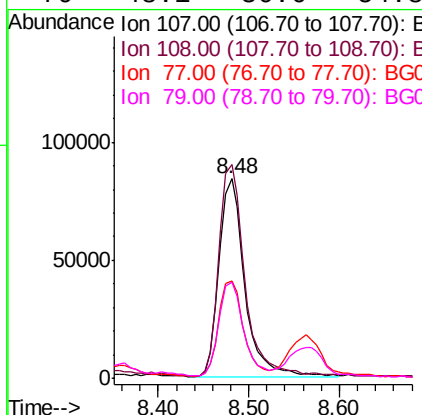
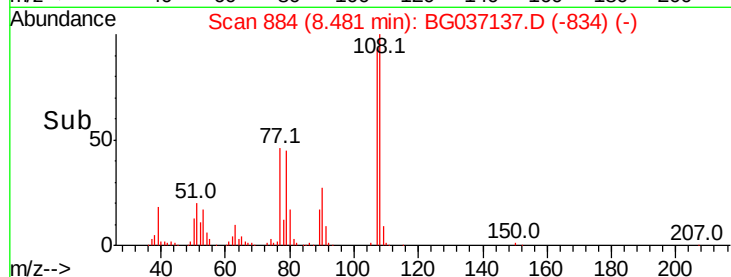
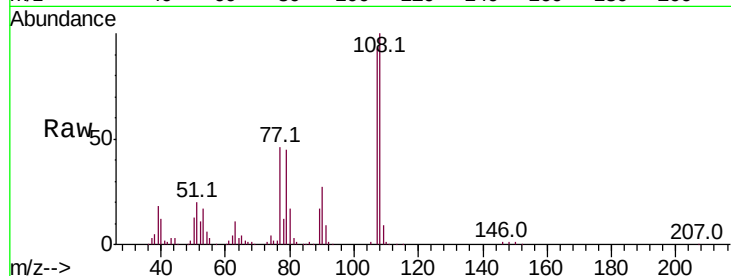
#17
2-Methylphenol
Concen: 46.356 ng
RT: 8.48 min Scan# 884
Delta R.T. -0.01 min
Lab File: BG037137.D
Acq: 3 Oct 2018 17:23

Instrument :
BNA_G
ClientSampleId :
CG-SOIL-2MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	107.1	86.7	130.1	
77	48.8	39.0	58.4	
79	48.1	36.6	54.8	

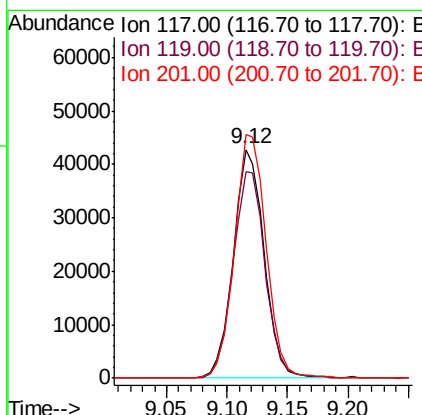
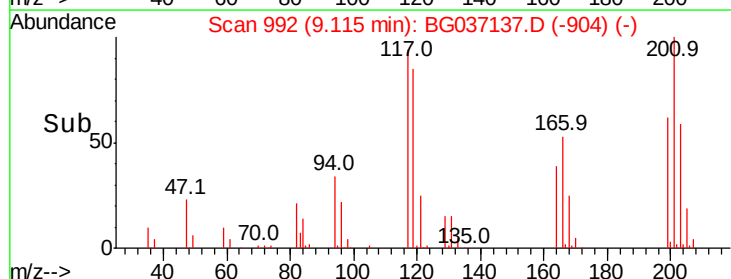
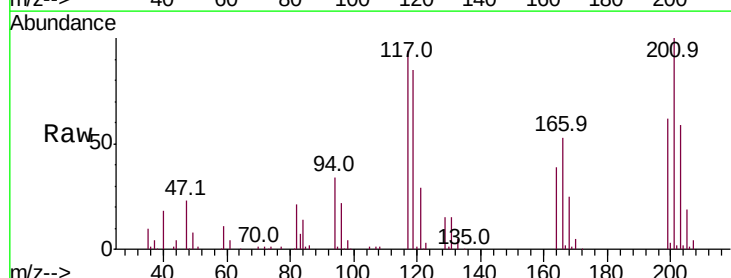
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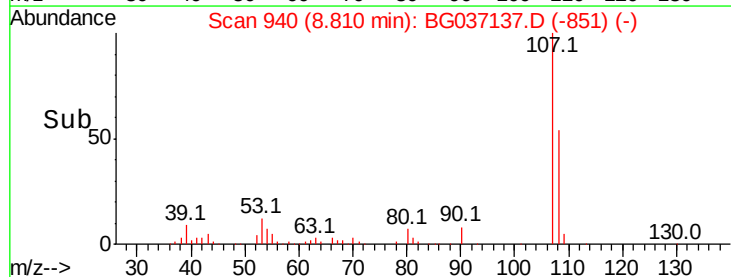
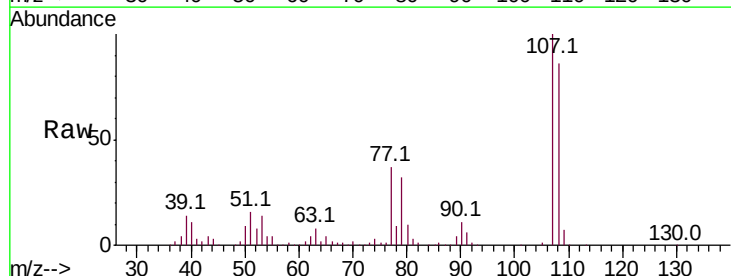
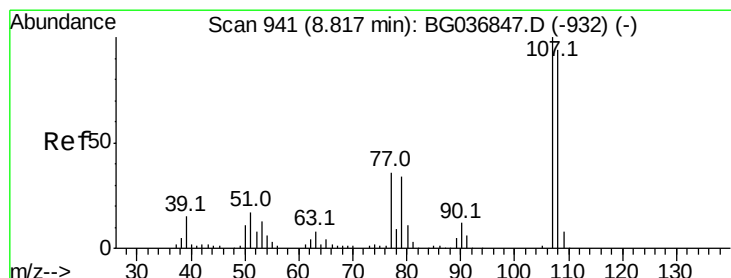
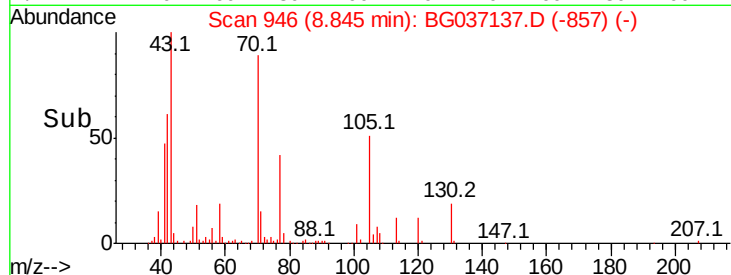
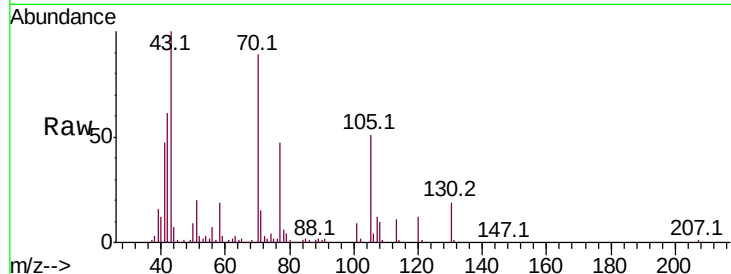
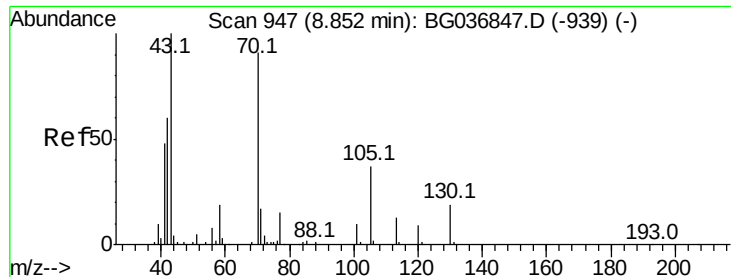
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#18
Hexachloroethane
Concen: 43.888 ng
RT: 9.12 min Scan# 992
Delta R.T. -0.01 min
Lab File: BG037137.D
Acq: 3 Oct 2018 17:23

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	90.4	76.8	115.2	
201	106.4	85.7	128.5	





#19

n-Nitroso-di-n-propylamine

Concen: 39.006 ng

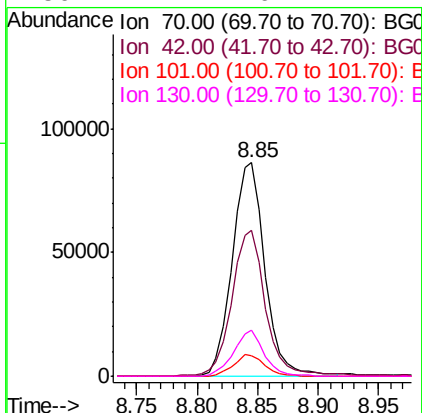
RT: 8.85 min Scan# 946

Delta R.T. -0.01 min

Lab File: BG037137.D

Acq: 3 Oct 2018 17:23

Tot Ion	Ratio	Lower	Upper
70	100		
42	68.3	56.2	84.4
101	9.6	7.8	11.6
130	21.7	16.2	24.2



Instrument :

BNA_G

ClientSampled :

CG-SOIL-2MS

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#20

3+4-Methylphenols

Concen: 45.817 ng

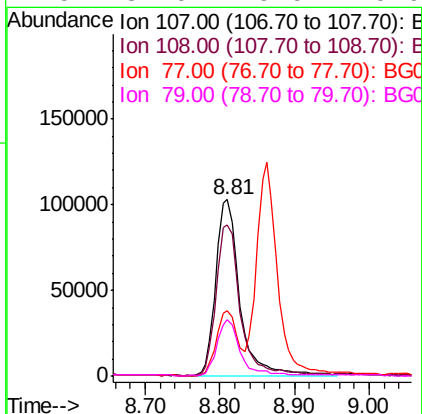
RT: 8.81 min Scan# 940

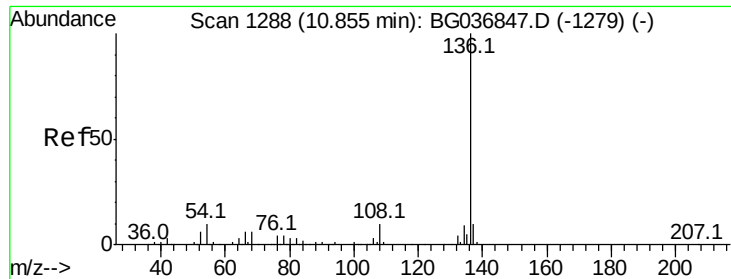
Delta R.T. -0.01 min

Lab File: BG037137.D

Acq: 3 Oct 2018 17:23

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.8	68.0	108.0
77	37.1	15.6	55.6
79	32.0	9.9	49.9





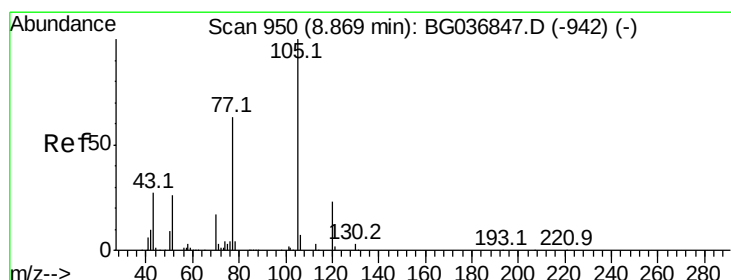
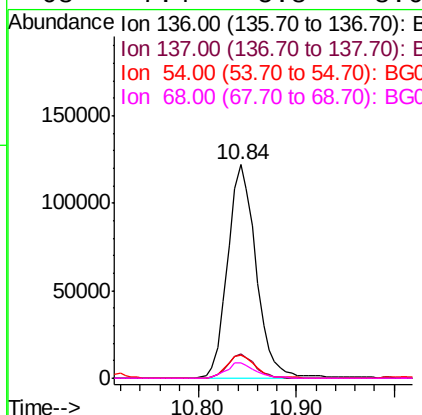
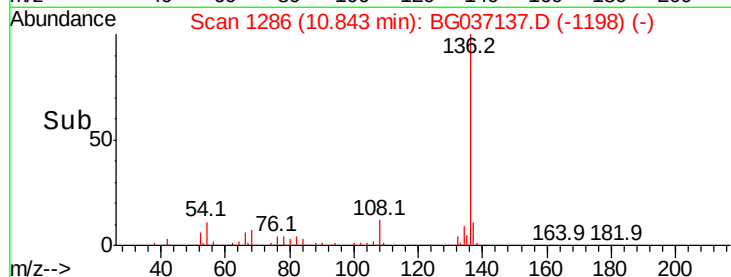
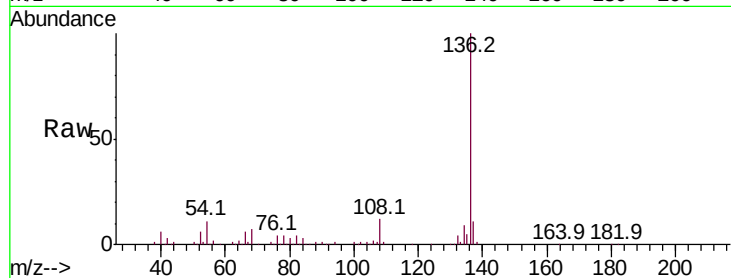
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BG037137.D
Acq: 3 Oct 2018 17:23

Instrument :
BNA_G
ClientSampleId :
CG-SOIL-2MS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.5	8.8	13.2
54	11.1	9.2	13.8
68	7.4	5.8	8.6

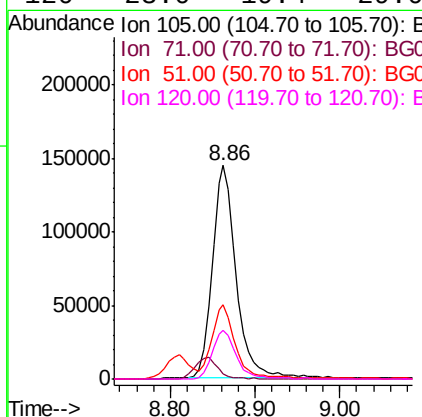
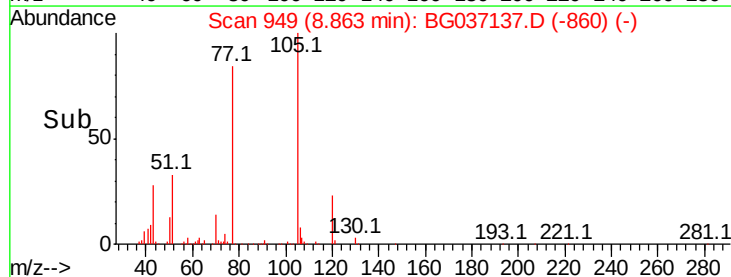
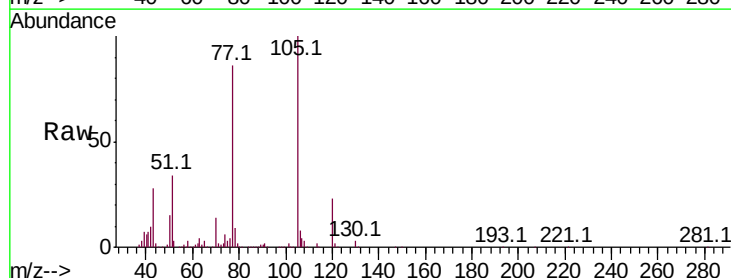
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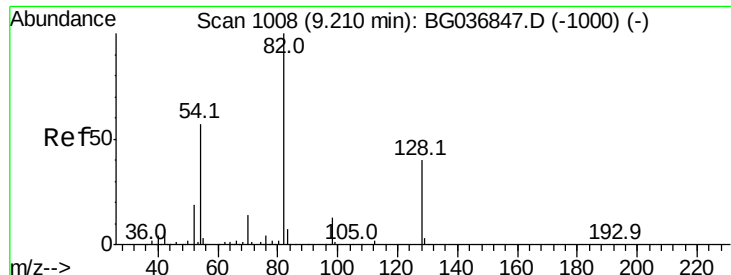
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#22
Acetophenone
Concen: 48.666 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.01 min
Lab File: BG037137.D
Acq: 3 Oct 2018 17:23

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	2.2	2.4	3.6#
51	34.5	25.9	38.9
120	23.0	19.4	29.0





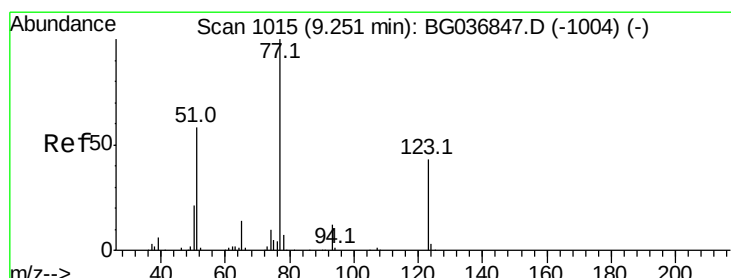
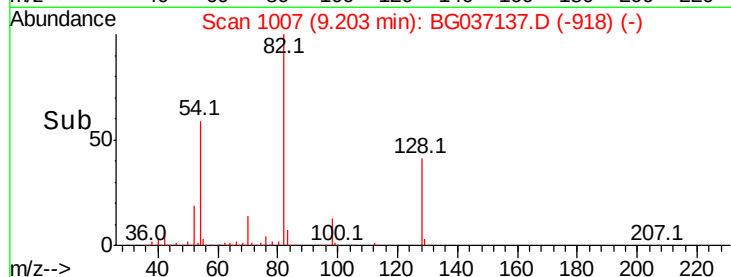
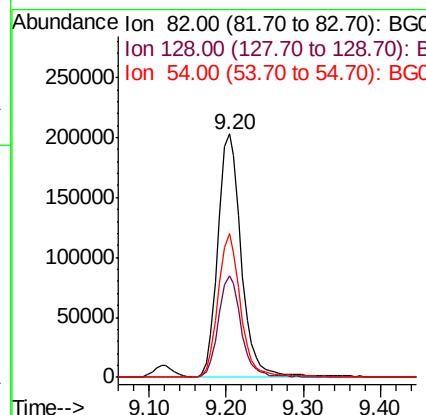
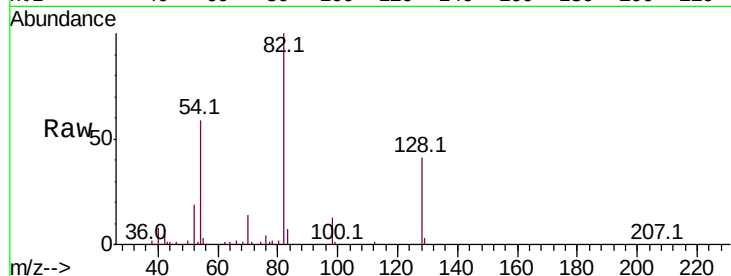
#23
 Nitrobenzene-d5
 Concen: 91.497 ng
 RT: 9.20 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BG037137.D
 Acq: 3 Oct 2018 17:23

Instrument :
 BNA_G
 ClientSampled :
 CG-SOIL-2MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.5	33.3	49.9
54	59.1	45.1	67.7

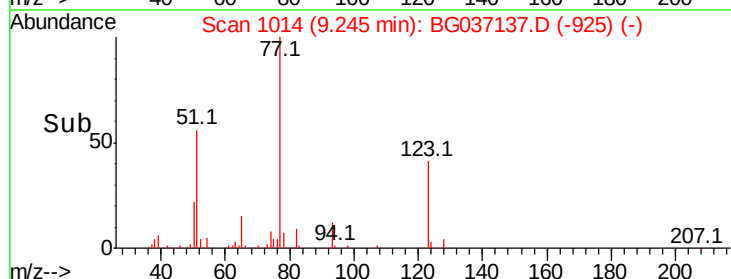
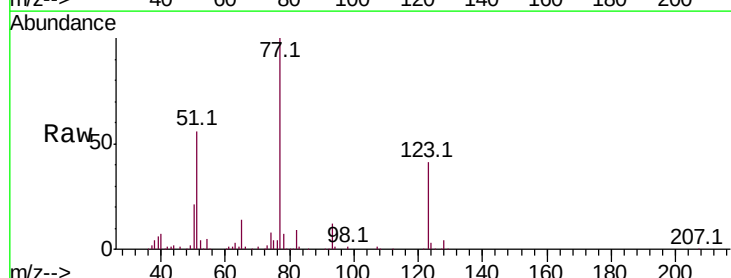
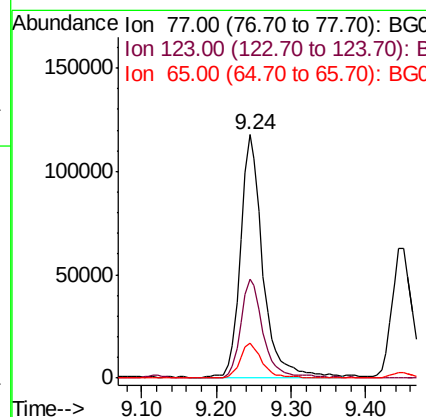
Manual Integrations
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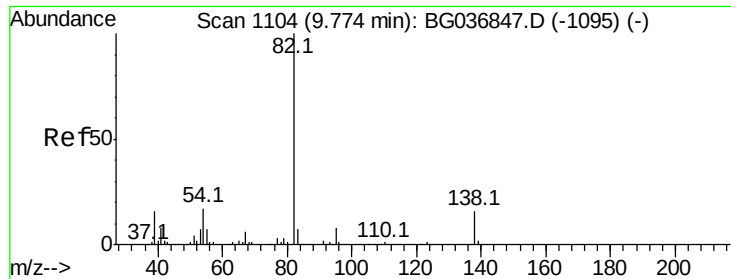
Sohil
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#24
 Nitrobenzene
 Concen: 48.875 ng
 RT: 9.24 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BG037137.D
 Acq: 3 Oct 2018 17:23

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.6	32.4	48.6
65	14.5	11.5	17.3





#25

Isophorone

Concen: 53.263 ng

RT: 9.76 min Scan# 1102

Delta R.T. -0.01 min

Lab File: BG037137.D

Acq: 3 Oct 2018 17:23

Instrument :

BNA_G

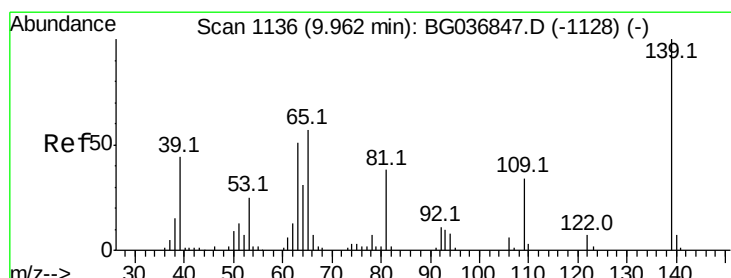
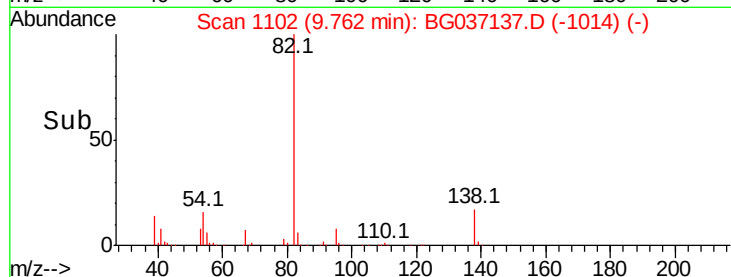
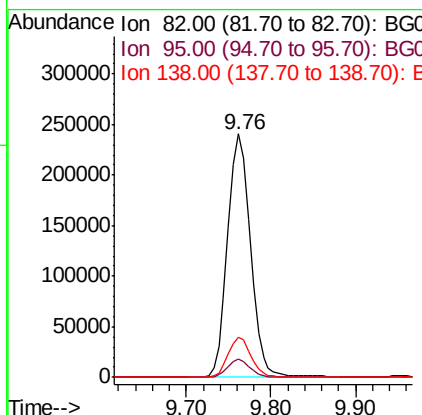
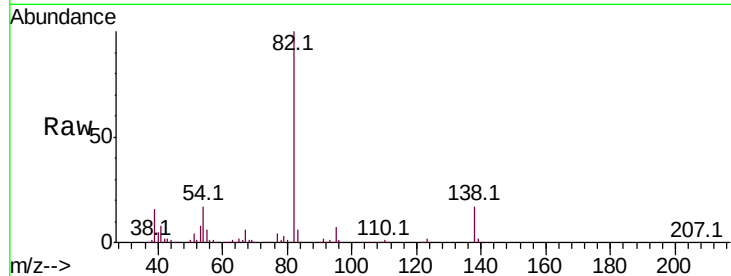
ClientSampleId :

CG-SOIL-2MS

Tot Ion:	82	Resp:	450531
Ion Ratio	Lower	Upper	
82	100		
95	7.4	5.8	8.8
138	16.7	12.9	19.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 53.778 ng

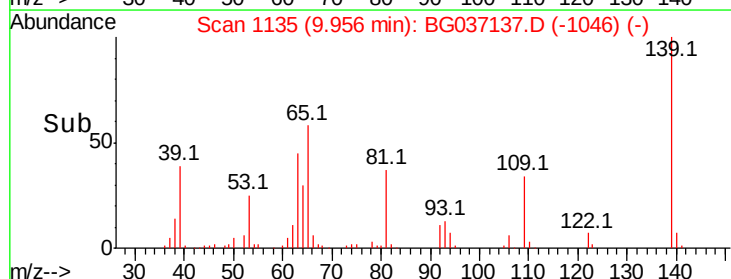
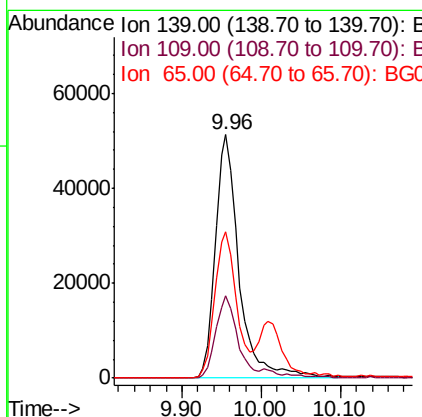
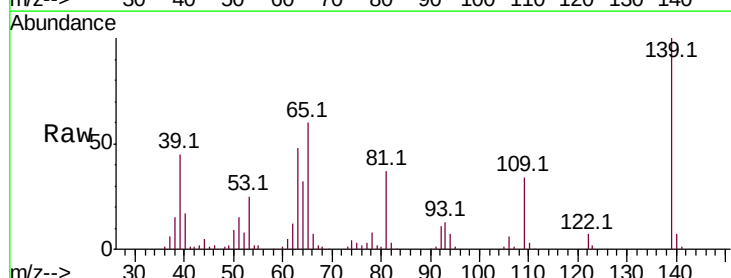
RT: 9.96 min Scan# 1135

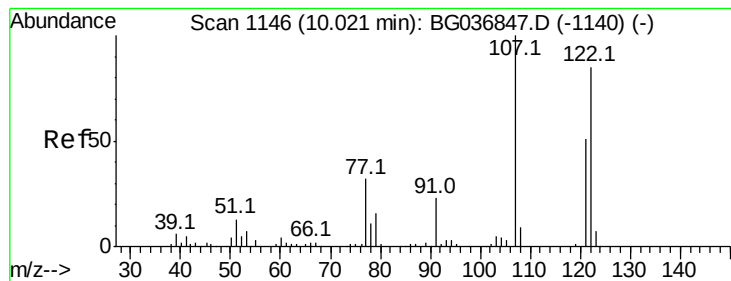
Delta R.T. -0.01 min

Lab File: BG037137.D

Acq: 3 Oct 2018 17:23

Tgt Ion:	139	Resp:	105968
Ion Ratio	Lower	Upper	
139	100		
109	33.7	27.4	41.0
65	60.1	47.8	71.6





#27

2,4-Dimethylphenol

Concen: 57.129 ng

RT: 10.01 min Scan# 1144

Delta R.T. -0.01 min

Lab File: BG037137.D

Acq: 3 Oct 2018 17:23

Instrument :

BNA_G

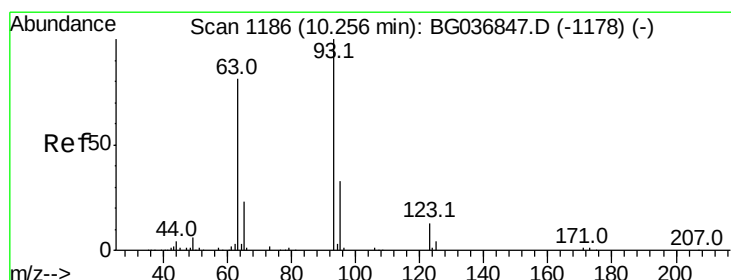
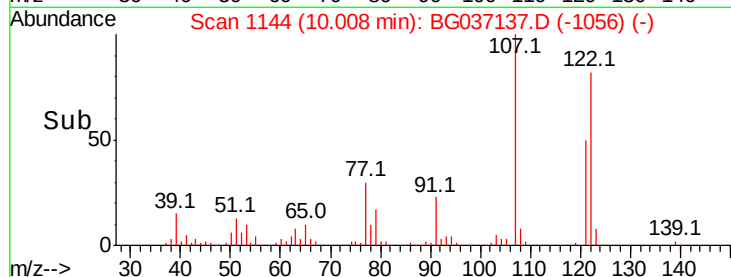
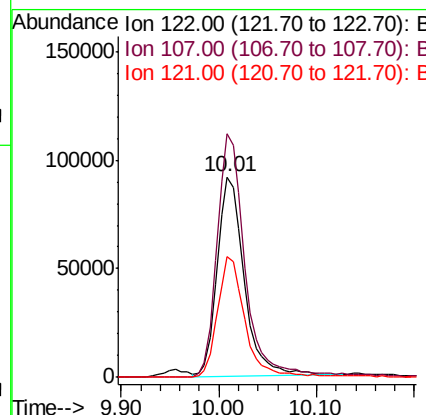
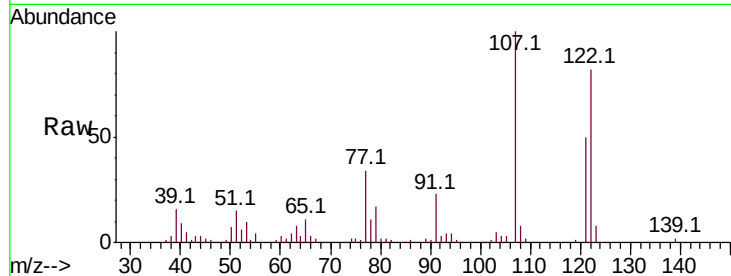
ClientSampled :

CG-SOIL-2MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	121.5	96.0	144.0
121	60.4	48.2	72.4

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#28

bis(2-Chloroethoxy)methane

Concen: 51.105 ng

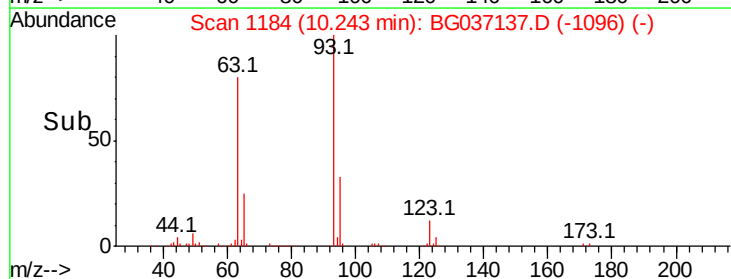
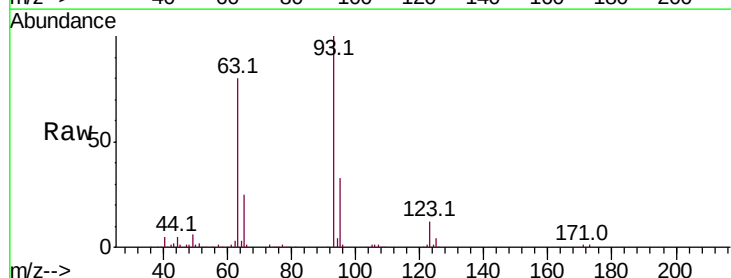
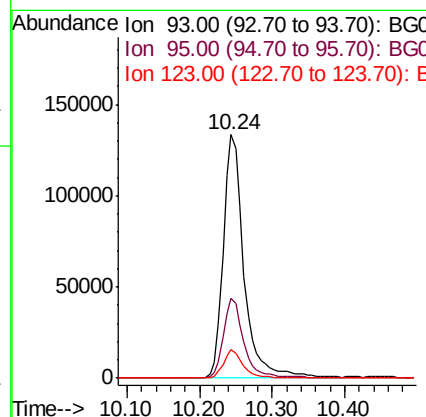
RT: 10.24 min Scan# 1184

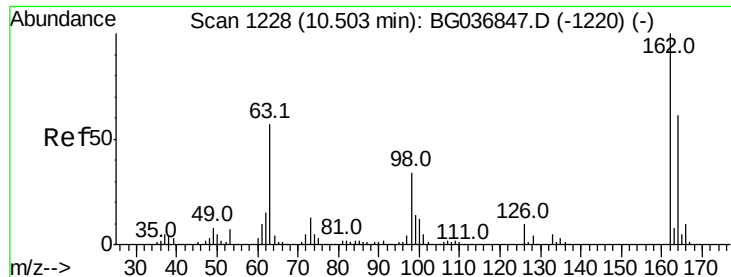
Delta R.T. -0.01 min

Lab File: BG037137.D

Acq: 3 Oct 2018 17:23

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	25.2	37.8
123	11.6	8.6	12.8





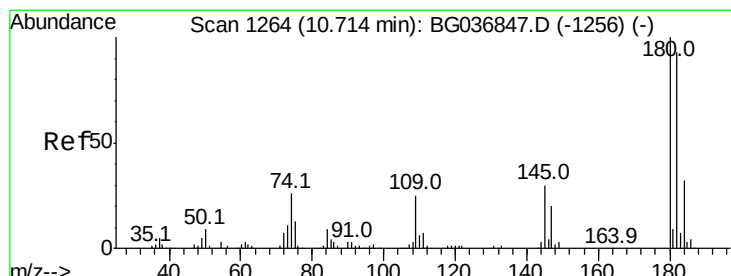
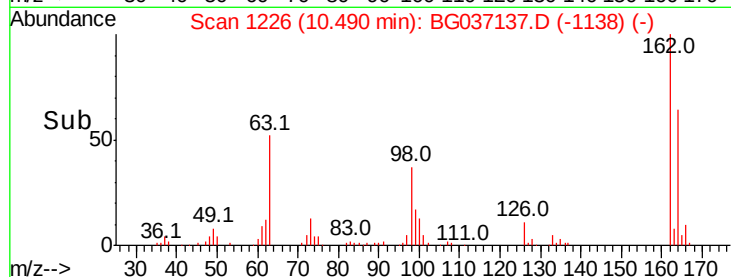
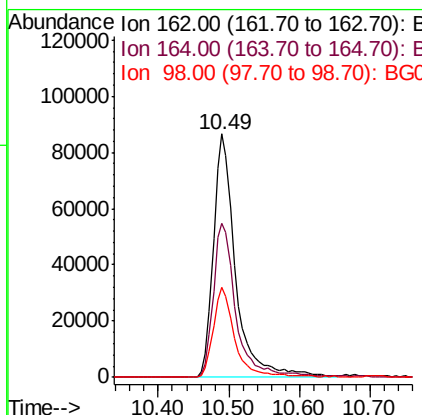
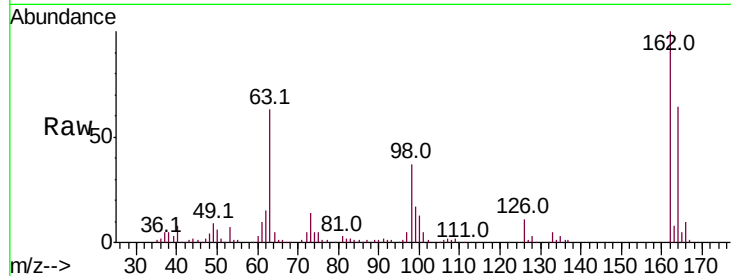
#29
2,4-Dichlorophenol
Concen: 53.270 ng
RT: 10.49 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BG037137.D
Acq: 3 Oct 2018 17:23

Instrument :
BNA_G
ClientSampleId :
CG-SOIL-2MS

Tot Ion:	162	Resp:	189544
Ion Ratio	Lower	Upper	
162	100		
164	63.5	47.6	87.6
98	37.2	19.2	59.2

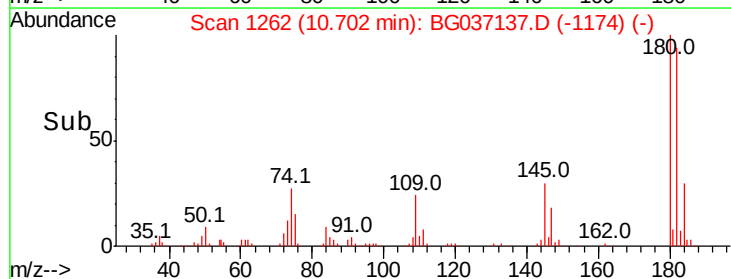
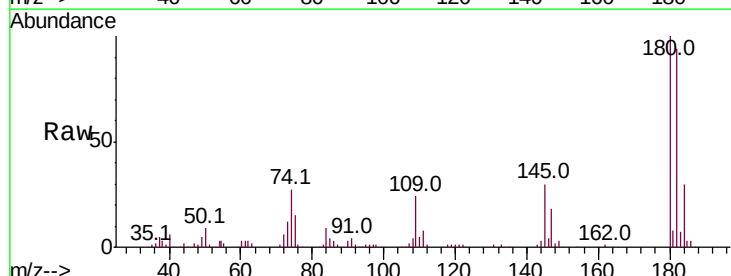
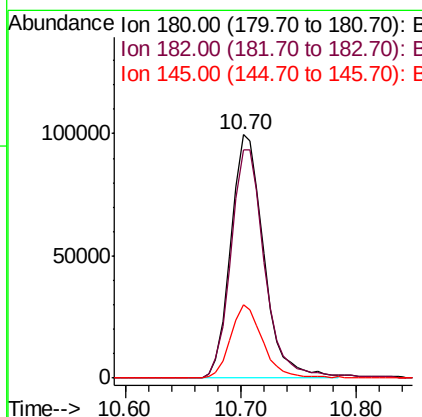
Manual Integrations
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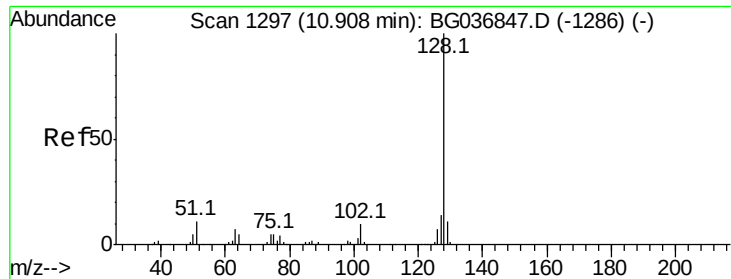
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#30
1,2,4-Trichlorobenzene
Concen: 44.544 ng
RT: 10.70 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BG037137.D
Acq: 3 Oct 2018 17:23

Tgt Ion:	180	Resp:	198347
Ion Ratio	Lower	Upper	
180	100		
182	93.9	76.0	114.0
145	30.1	22.9	34.3





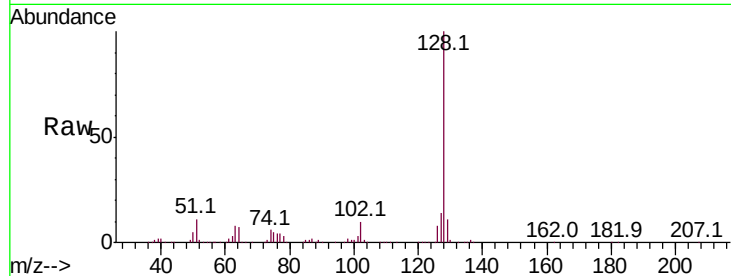
#31
Naphthalene
Concen: 49.021 ng
RT: 10.89 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BG037137.D
Acq: 3 Oct 2018 17:23

Instrument :
BNA_G
ClientSampleId :
CG-SOIL-2MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.4	14.2
127	14.2	11.0	16.4

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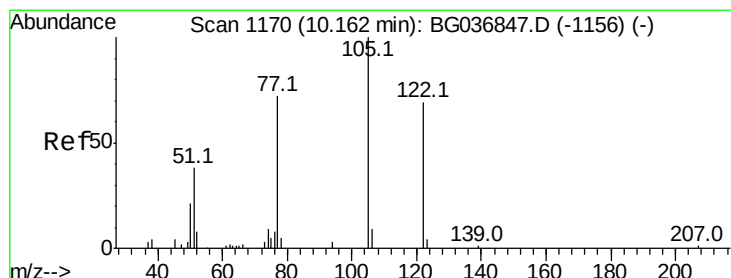
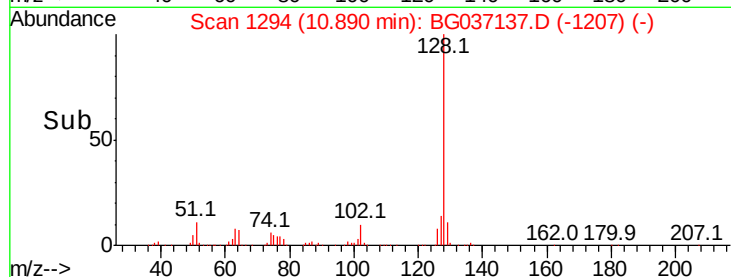
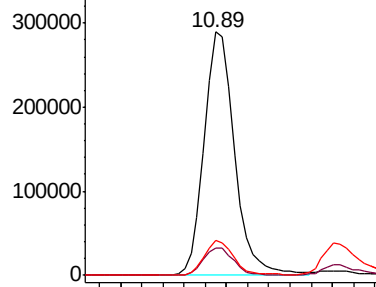


Abundance

Ion 128.00 (127.70 to 128.70): E

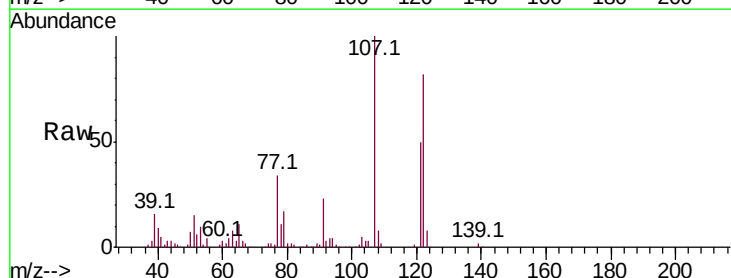
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 71.345 ng
RT: 10.01 min Scan# 1144
Delta R.T. -0.15 min
Lab File: BG037137.D
Acq: 3 Oct 2018 17:23

Tgt Ion	Ratio	Lower	Upper
122	100		
105	3.9	108.1	148.1#
77	40.9	76.3	116.3#

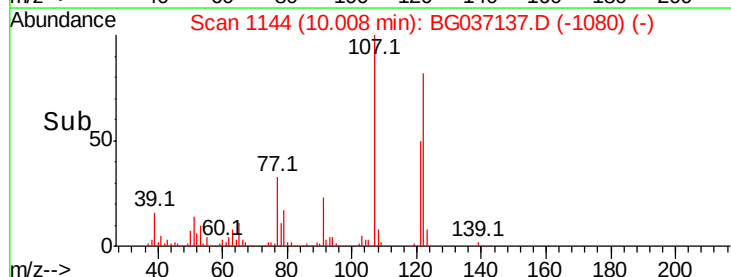
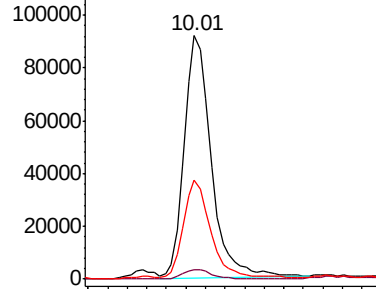


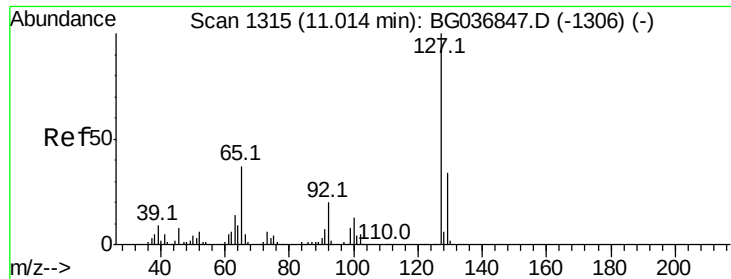
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGO





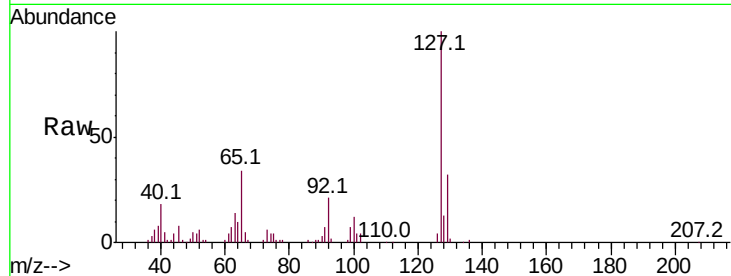
#33
4-Chloroaniline
Concen: 18.257 ng
RT: 11.00 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BG037137.D
Acq: 3 Oct 2018 17:23

Instrument :
BNA_G
ClientSampleId :
CG-SOIL-2MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.9	38.9
65	34.2	27.5	41.3
92	20.9	16.2	24.2

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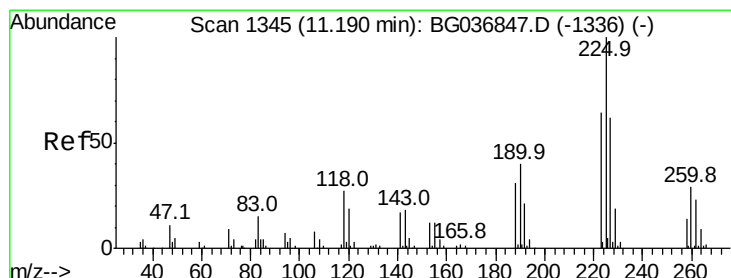
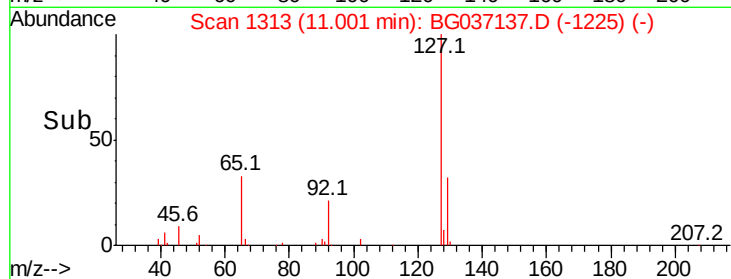
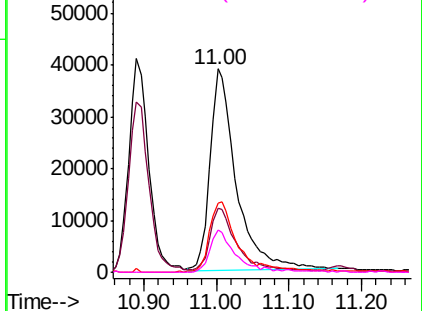
Abundance

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): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 43.619 ng
RT: 11.17 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BG037137.D
Acq: 3 Oct 2018 17:23

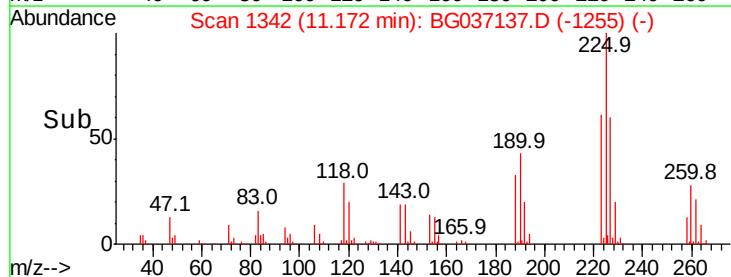
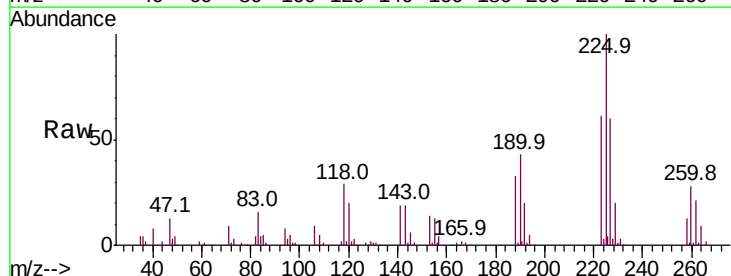
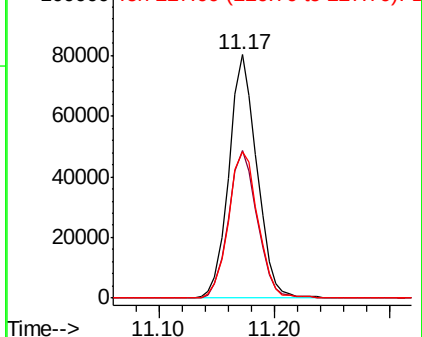
Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.6	51.8	77.8
227	60.1	49.8	74.6

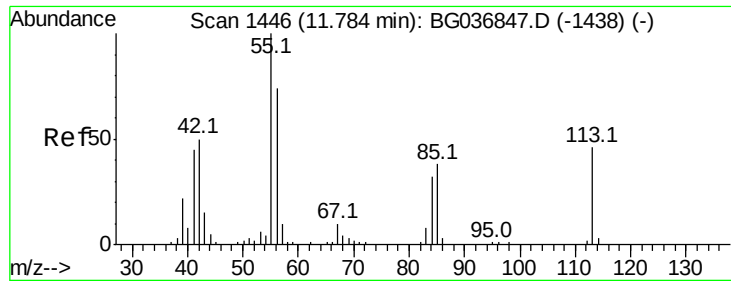
Abundance

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: 43.553 ng/ml

RT: 11.78 min Scan# 1446

Delta R.T. -0.00 min

Lab File: BG037137.D

Acq: 3 Oct 2018 17:23

Instrument :

BNA_G

ClientSampled :

CG-SOIL-2MS

Tot Ion:113 Resp: 63783

Ion Ratio Lower Upper

113 100

55 233.6 197.7 237.7

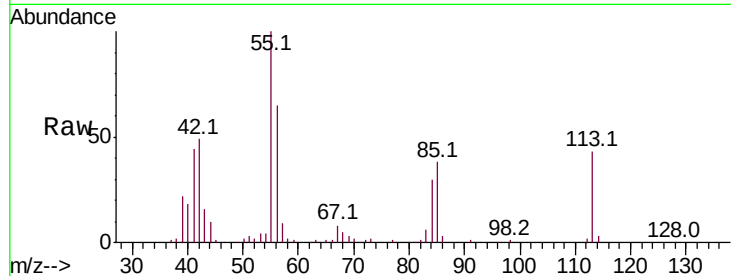
56 151.1 131.7 171.7

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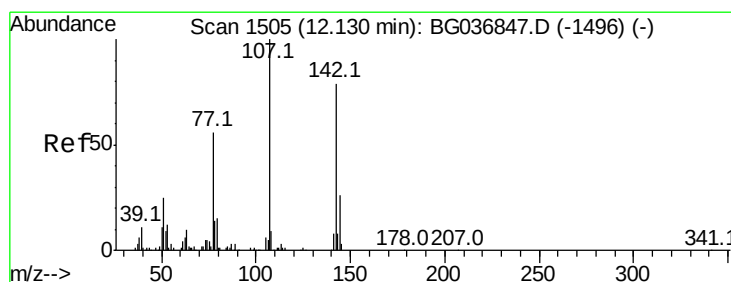
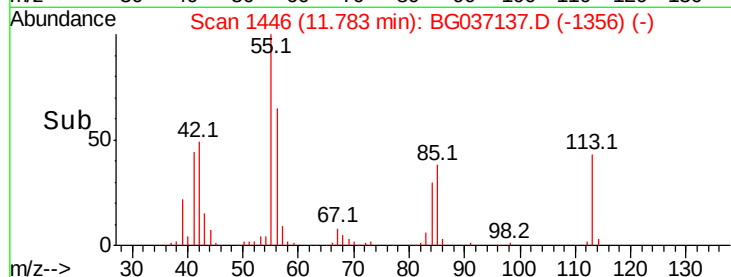
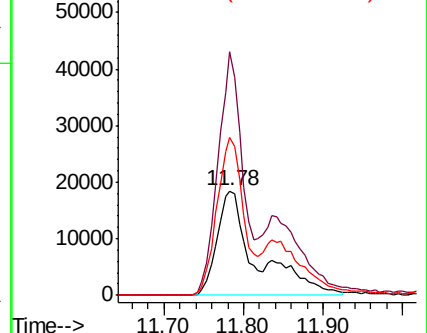
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 47.812 ng/ml

RT: 12.12 min Scan# 1504

Delta R.T. -0.01 min

Lab File: BG037137.D

Acq: 3 Oct 2018 17:23

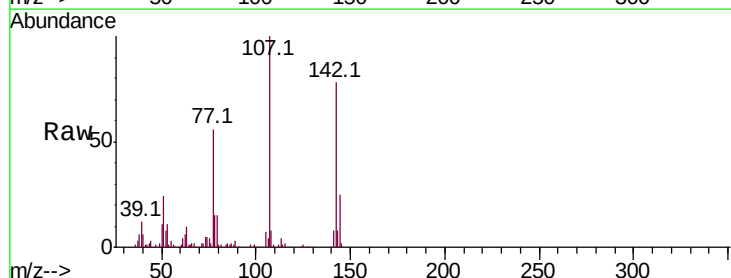
Tgt Ion:107 Resp: 202988

Ion Ratio Lower Upper

107 100

144 25.4 19.5 29.3

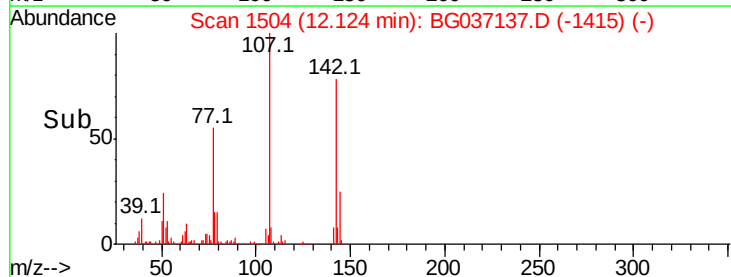
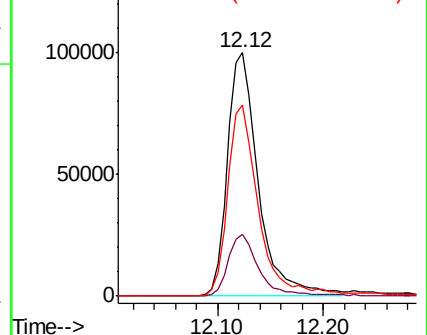
142 78.3 62.4 93.6

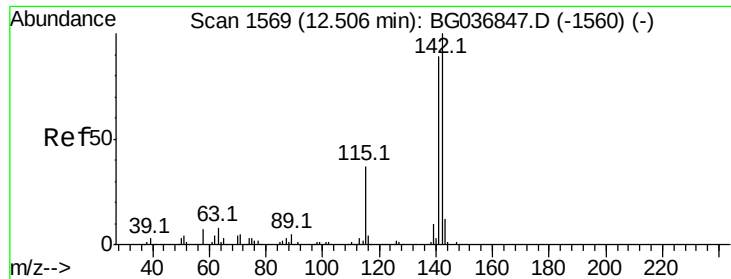


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





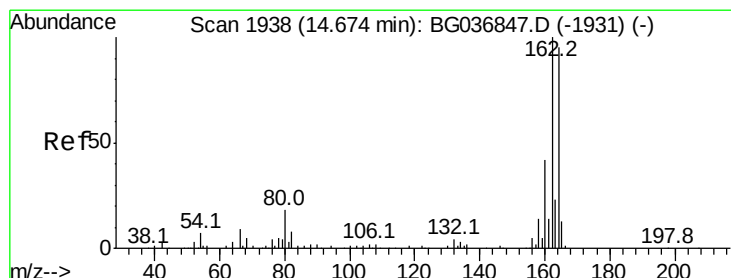
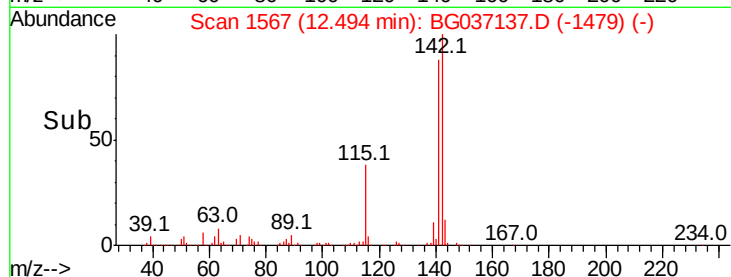
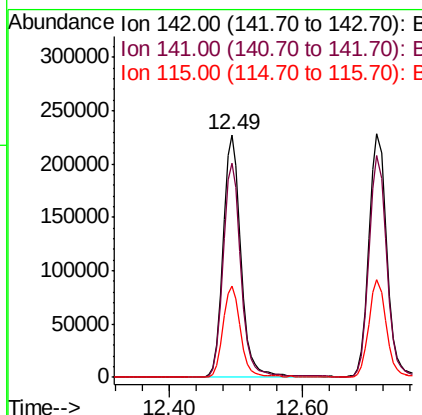
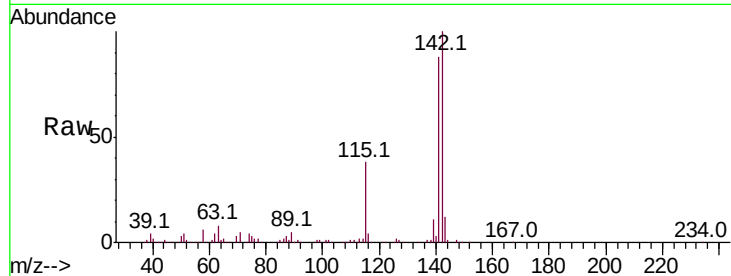
#37
 2-Methylnaphthalene
 Concen: 47.990 ng
 RT: 12.49 min Scan# 1567
 Delta R.T. -0.01 min
 Lab File: BG037137.D
 Acq: 3 Oct 2018 17:23

Instrument :
 BNA_G
 ClientSampleId :
 CG-SOIL-2MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	68.5	102.7
115	37.8	29.8	44.8

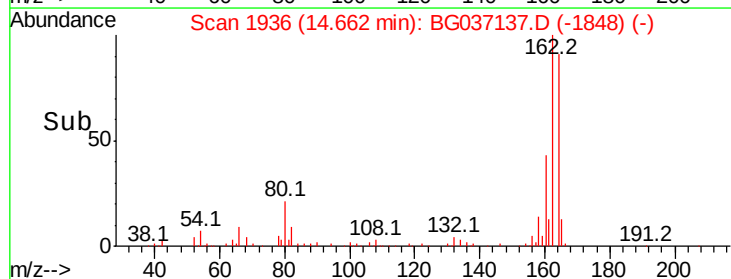
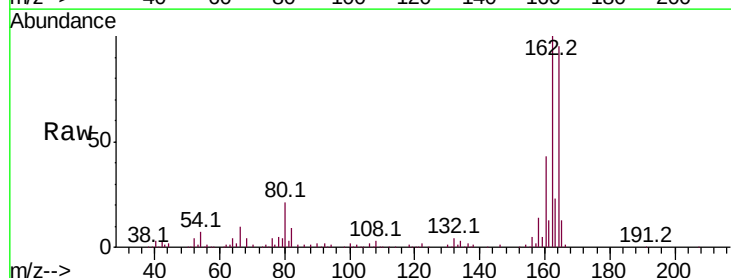
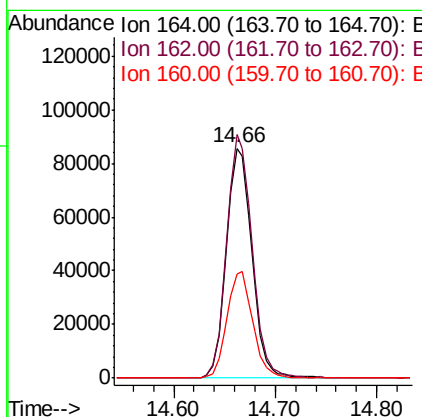
Manual Integrations
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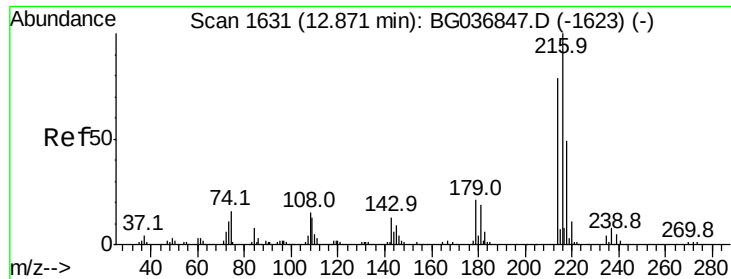
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: BG037137.D
 Acq: 3 Oct 2018 17:23

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.8	80.7	121.1
160	45.5	35.3	52.9





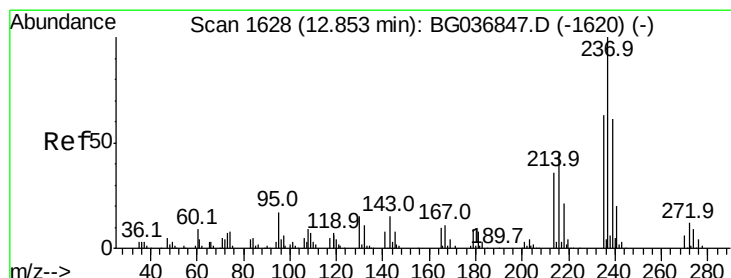
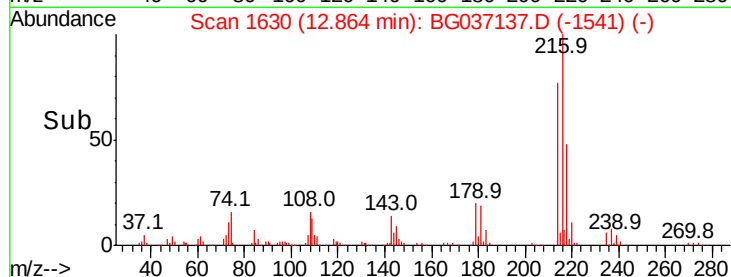
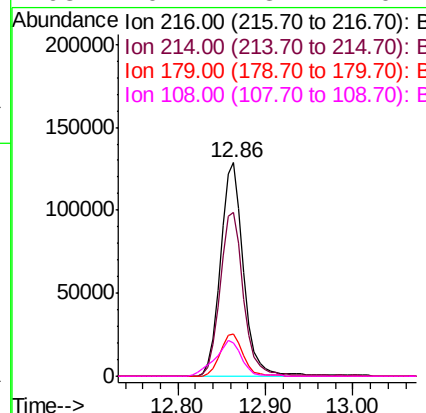
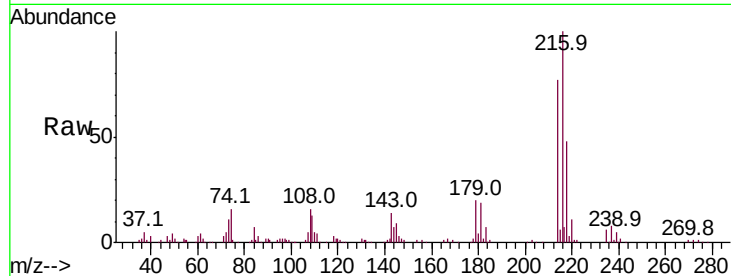
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.888 ng
 RT: 12.86 min Scan# 1630
 Delta R.T. -0.01 min
 Lab File: BG037137.D
 Acq: 3 Oct 2018 17:23

Instrument :
 BNA_G
 ClientSampleId :
 CG-SOIL-2MS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	234614		
214	78.6	61.0	91.6	
179	19.9	15.7	23.5	
108	19.4	13.1	19.7	

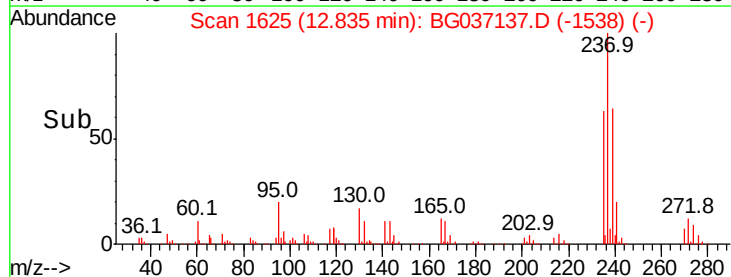
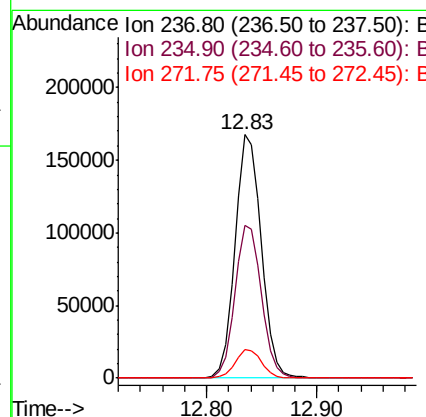
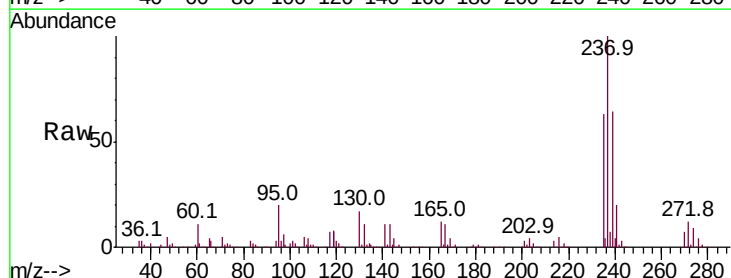
Manual Integrations
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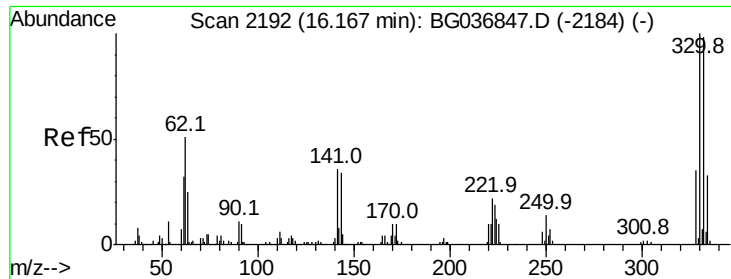
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#40
 Hexachlorocyclopentadiene
 Concen: 104.119 ng
 RT: 12.83 min Scan# 1625
 Delta R.T. -0.02 min
 Lab File: BG037137.D
 Acq: 3 Oct 2018 17:23

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	279884		
235	62.9	42.2	82.2	
272	12.0	0.0	32.1	





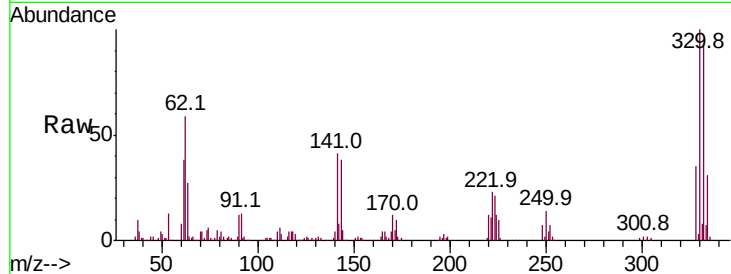
#41
 2,4,6-Tribromophenol
 Concen: 129.839 ng
 RT: 16.15 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG037137.D
 Acq: 3 Oct 2018 17:23

Instrument :
 BNA_G
 ClientSampleId :
 CG-SOIL-2MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	232792		
332	95.7	75.4	113.2	
141	40.2	30.7	46.1	

Manual Integrations
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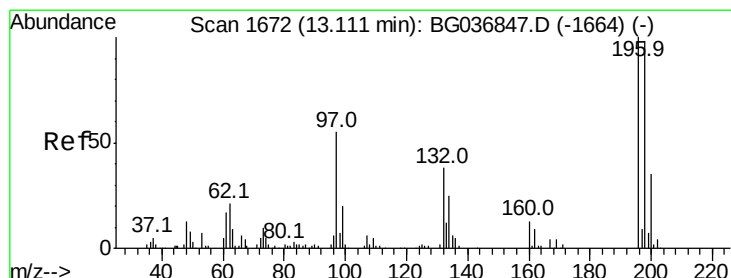
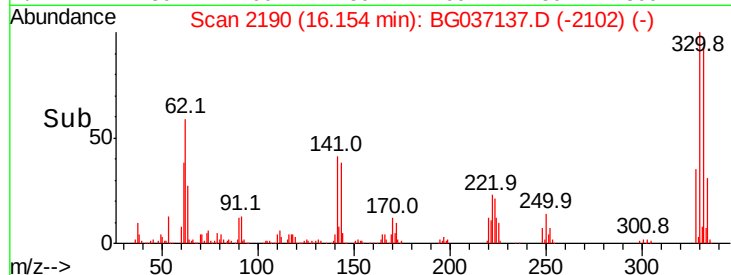
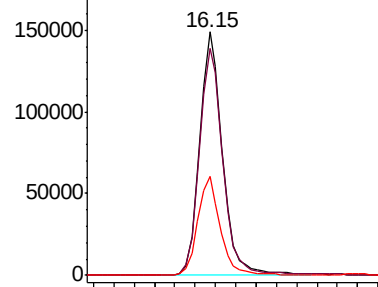


Abundance

Ion 329.80 (329.50 to 330.50): E

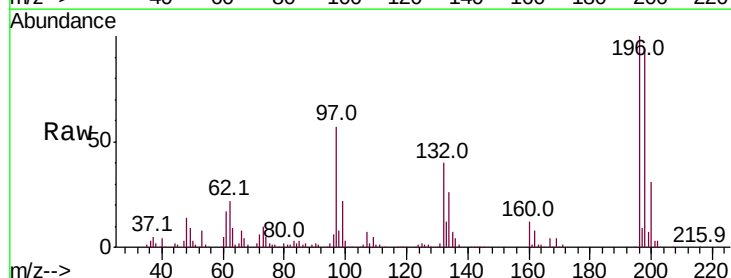
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 51.084 ng
 RT: 13.10 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BG037137.D
 Acq: 3 Oct 2018 17:23

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	148268		
198	93.6	77.2	115.8	
200	31.4	26.3	39.5	

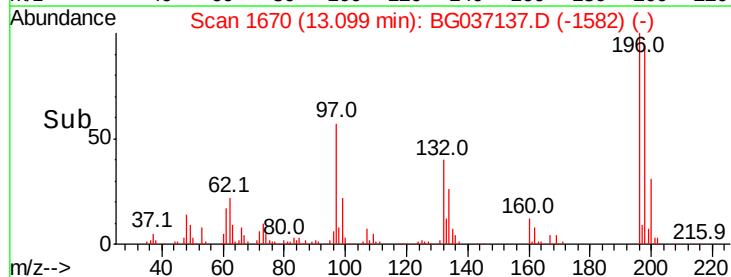
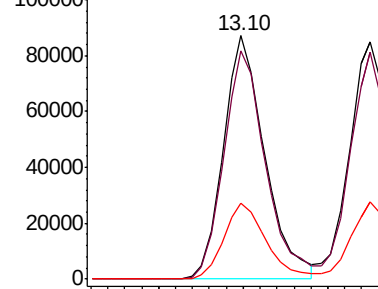


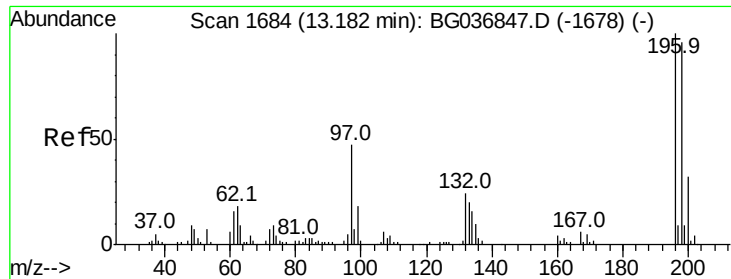
Abundance

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





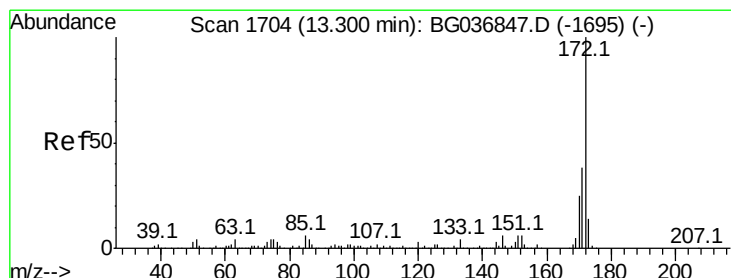
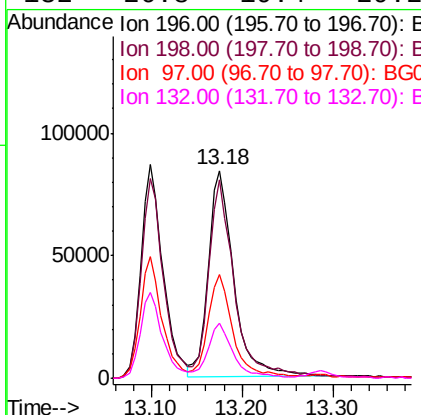
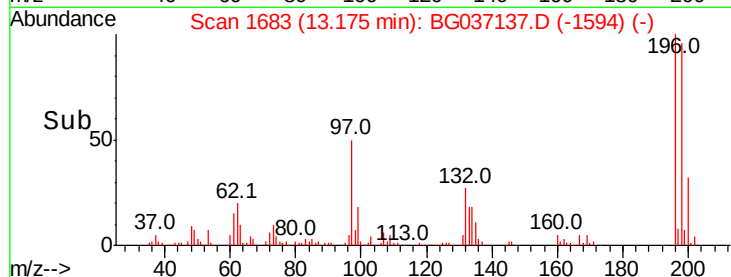
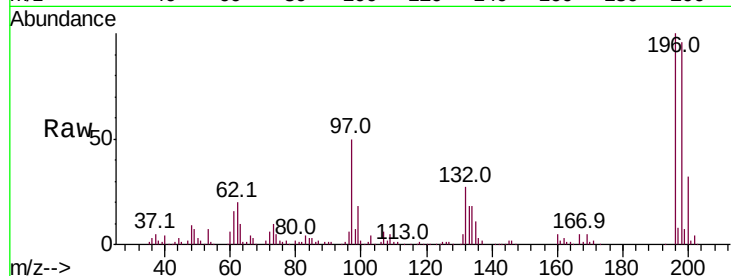
#43
2,4,5-Trichlorophenol
Concen: 53.541 ng
RT: 13.18 min Scan# 1683
Delta R.T. -0.01 min
Lab File: BG037137.D
Acq: 3 Oct 2018 17:23

Instrument :
BNA_G
ClientSampleId :
CG-SOIL-2MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	165702		
198	95.6	75.6	113.4	
97	49.9	37.2	55.8	
132	26.8	19.4	29.2	

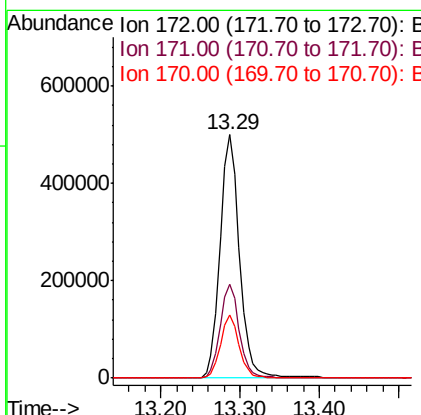
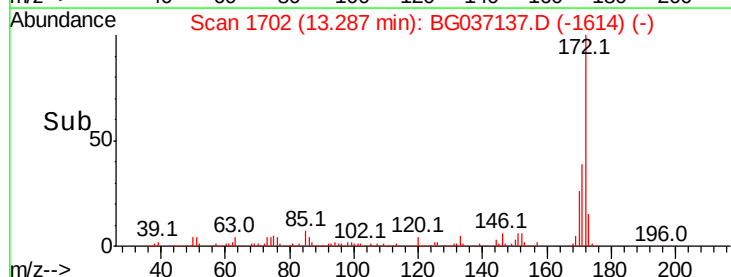
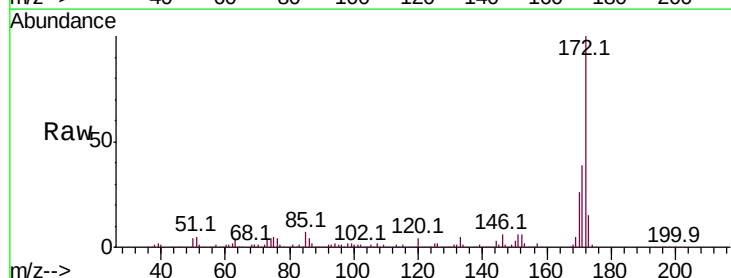
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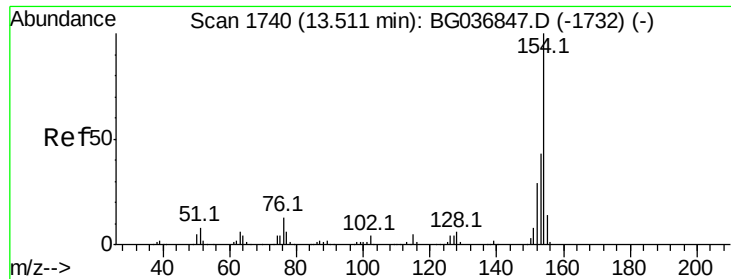
Sohil
10/4/2018 12:59:18 PM



#44
2-Fluorobiphenyl
Concen: 84.636 ng
RT: 13.29 min Scan# 1702
Delta R.T. -0.01 min
Lab File: BG037137.D
Acq: 3 Oct 2018 17:23

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	851568		
171	38.7	31.3	46.9	
170	25.8	21.0	31.6	





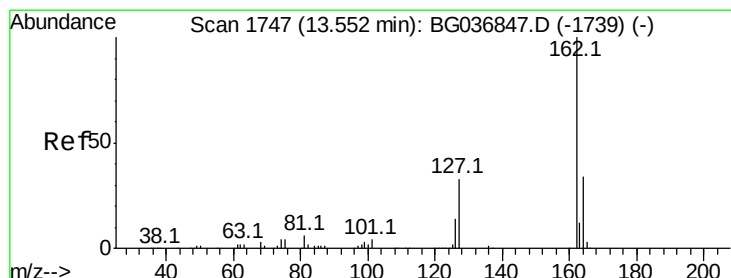
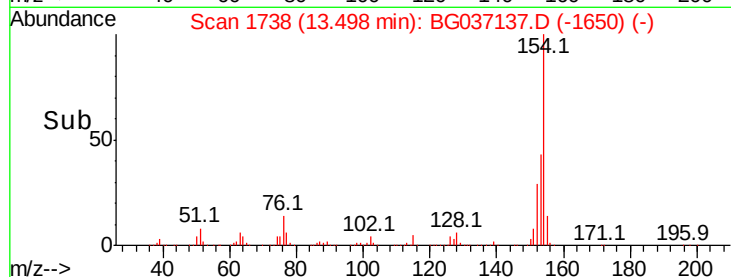
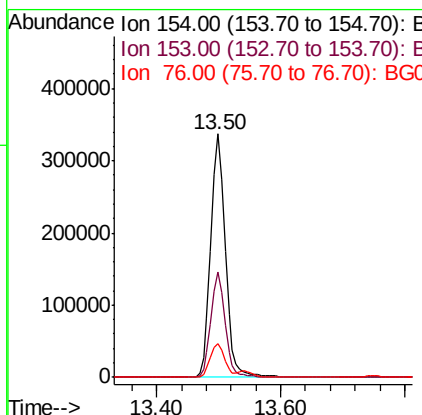
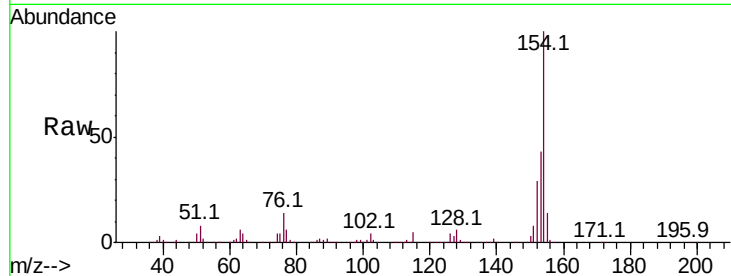
#45
1,1'-Biphenyl
Concen: 48.006 ng
RT: 13.50 min Scan# 1738
Delta R.T. -0.01 min
Lab File: BG037137.D
Acq: 3 Oct 2018 17:23

Instrument :
BNA_G
ClientSampleId :
CG-SOIL-2MS

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	43.1	24.0	64.0	
76	13.8	0.0	32.9	

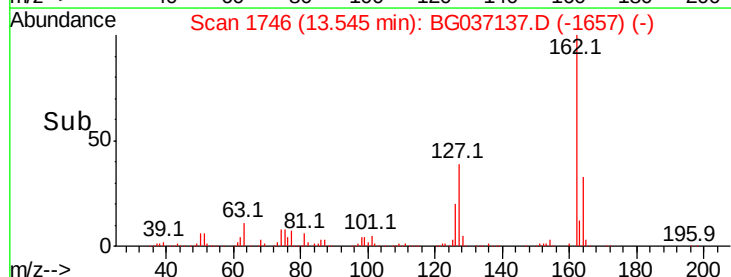
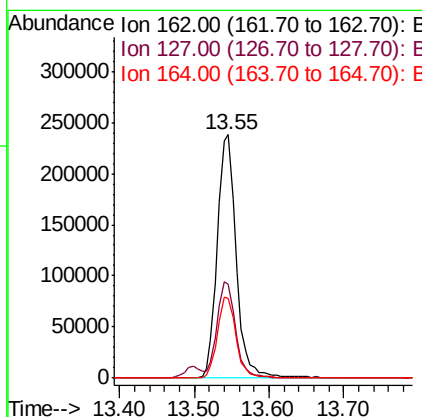
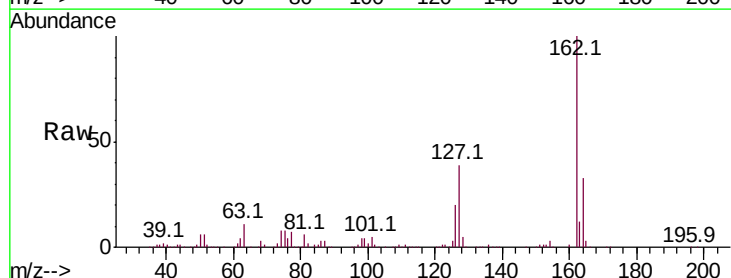
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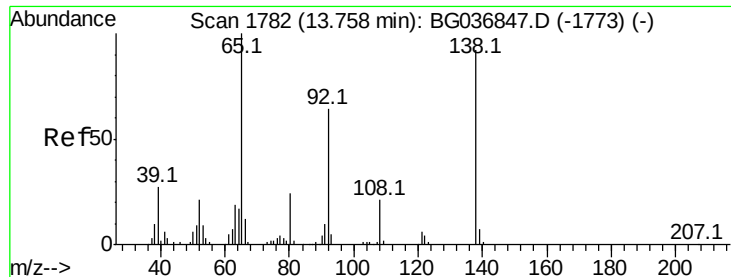
Sohil
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#46
2-Chloronaphthalene
Concen: 46.624 ng
RT: 13.55 min Scan# 1746
Delta R.T. -0.01 min
Lab File: BG037137.D
Acq: 3 Oct 2018 17:23

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	38.5	30.7	46.1	
164	33.0	26.7	40.1	





#47

2-Nitroaniline

Concen: 50.722 ng

RT: 13.75 min Scan# 1780

Delta R.T. -0.01 min

Lab File: BG037137.D

Acq: 3 Oct 2018 17:23

Instrument :

BNA_G

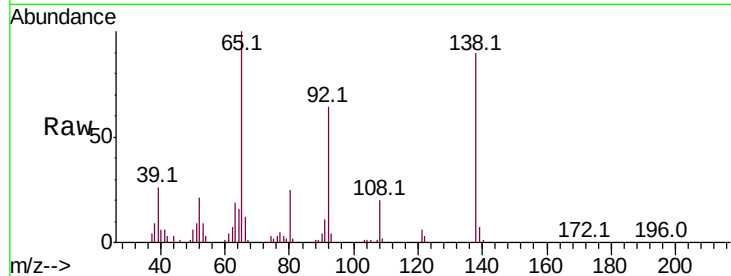
ClientSampleId :

CG-SOIL-2MS

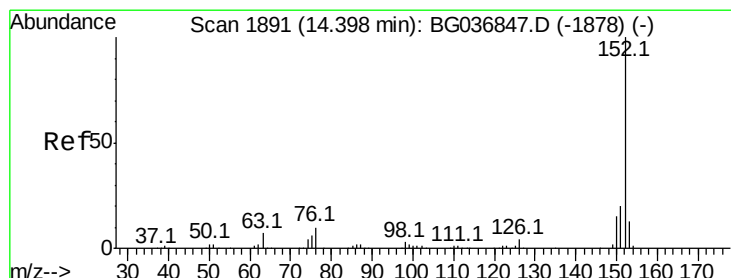
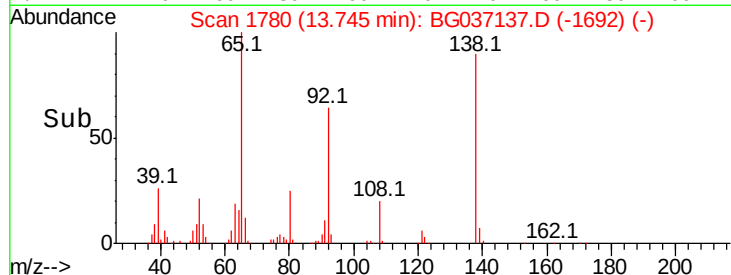
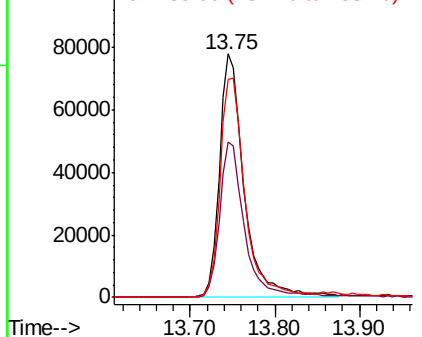
Tot Ion	Ratio	Lower	Upper
65	100		
92	63.9	49.9	74.9
138	89.6	76.2	114.4

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



#48

Acenaphthylene

Concen: 49.823 ng

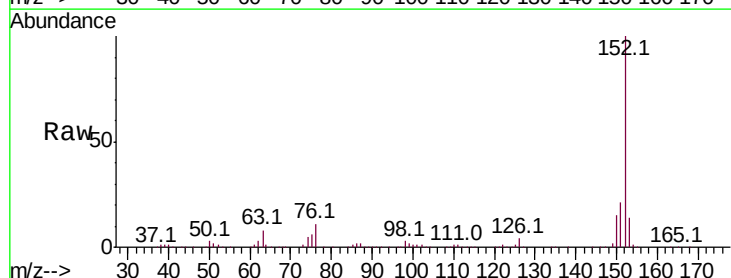
RT: 14.39 min Scan# 1889

Delta R.T. -0.01 min

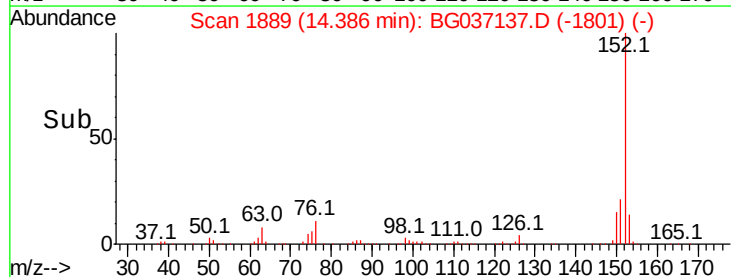
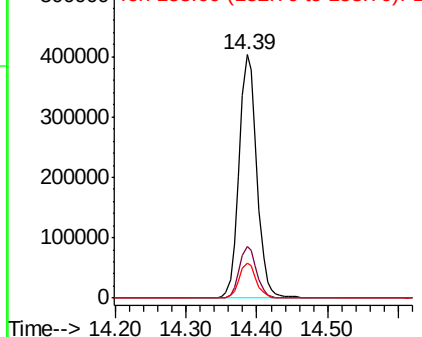
Lab File: BG037137.D

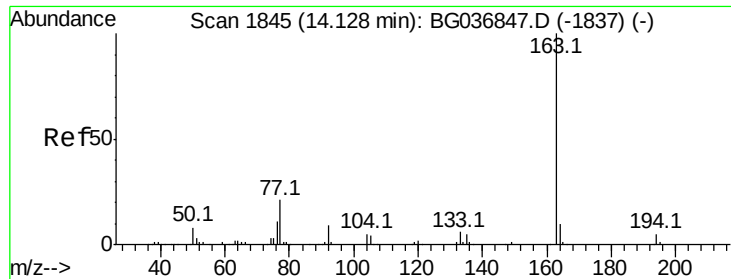
Acq: 3 Oct 2018 17:23

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.4	16.9	25.3
153	14.1	11.2	16.8



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





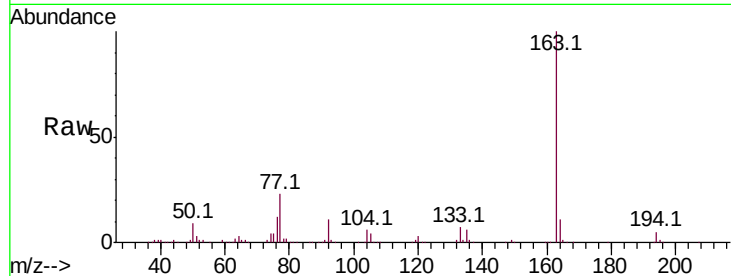
#49
Dimethylphthalate
Concen: 74.700 ng
RT: 14.12 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BG037137.D
Acq: 3 Oct 2018 17:23

Instrument :
BNA_G
ClientSampleId :
CG-SOIL-2MS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	901065		
194	4.8		4.0	6.0
164	11.1		8.1	12.1

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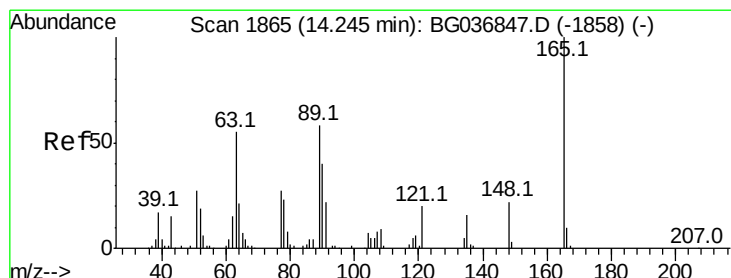
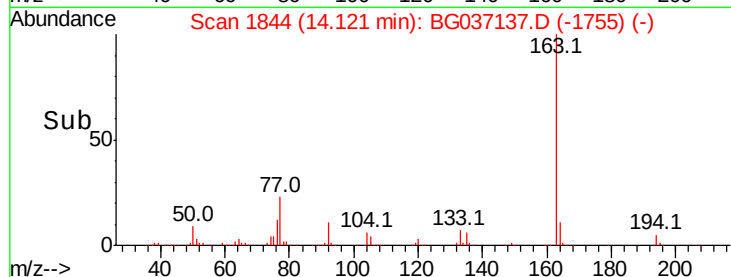
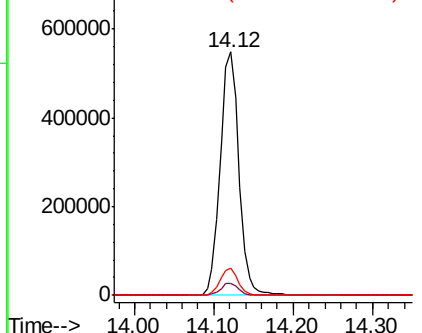


Abundance

Ion 163.00 (162.70 to 163.70): E

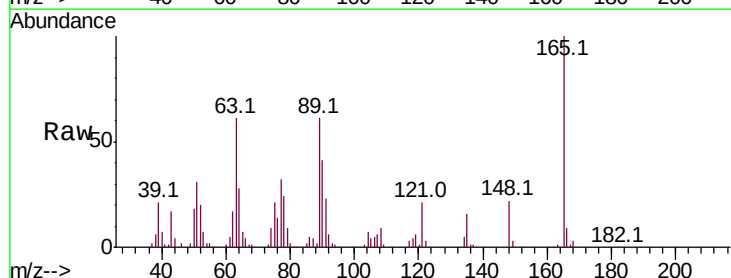
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 46.974 ng
RT: 14.24 min Scan# 1864
Delta R.T. -0.01 min
Lab File: BG037137.D
Acq: 3 Oct 2018 17:23

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	123626		
63	61.5		50.1	75.1
89	60.8		47.8	71.6

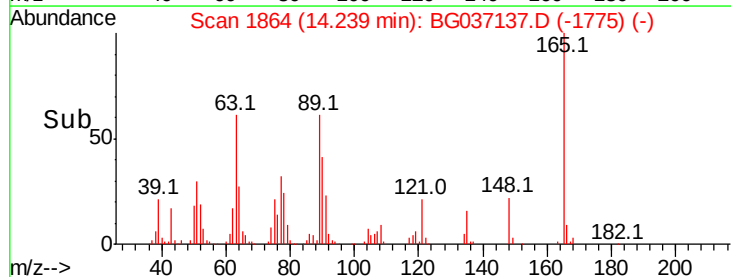
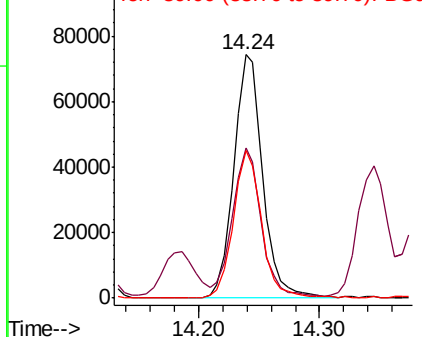


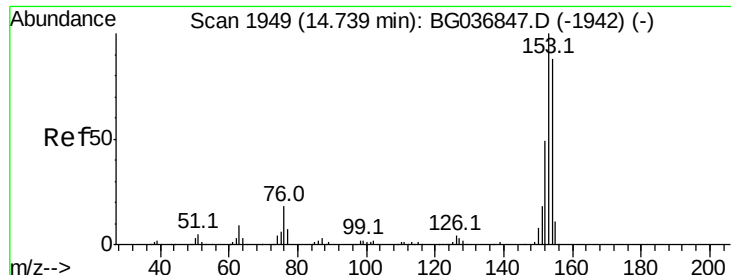
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG





#51

Acenaphthene

Concen: 46.760 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG037137.D

Acq: 3 Oct 2018 17:23

Instrument :

BNA_G

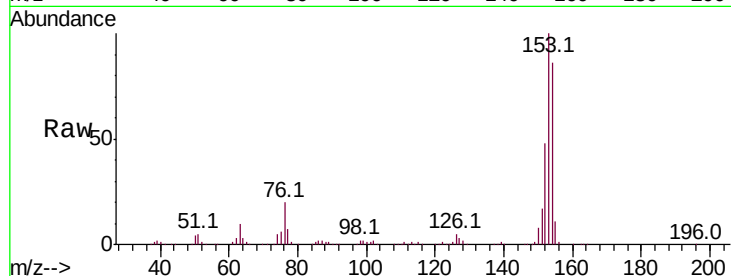
ClientSampleId :

CG-SOIL-2MS

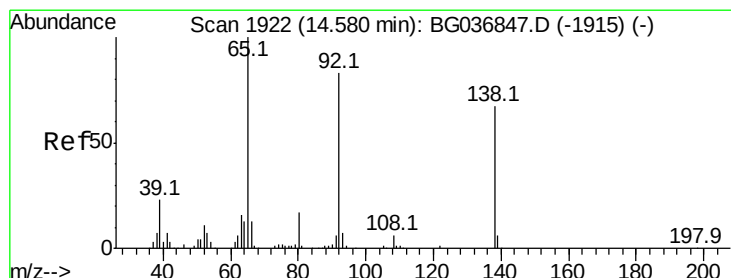
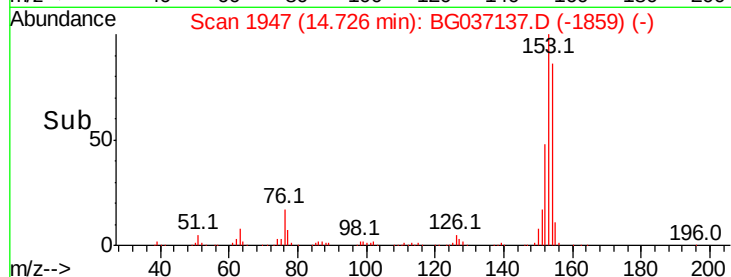
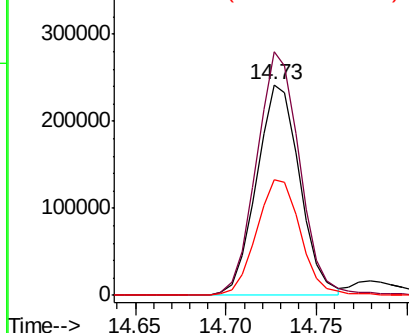
Tot Ion:	154	Resp:	399698
Ion Ratio	Lower	Upper	
154	100		
153	115.7	91.8	137.6
152	55.1	43.5	65.3

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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: 28.415 ng

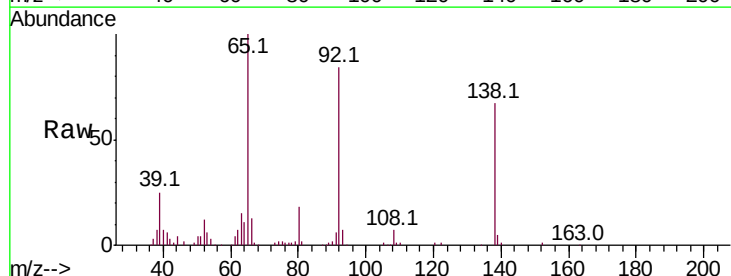
RT: 14.57 min Scan# 1921

Delta R.T. -0.01 min

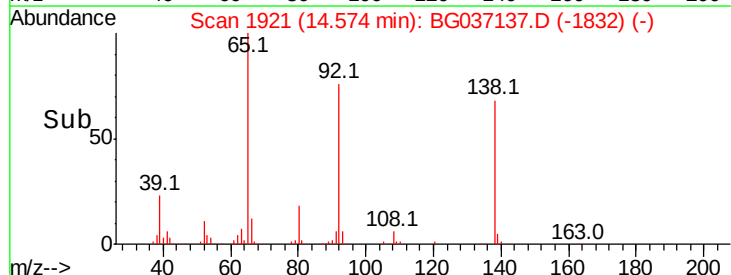
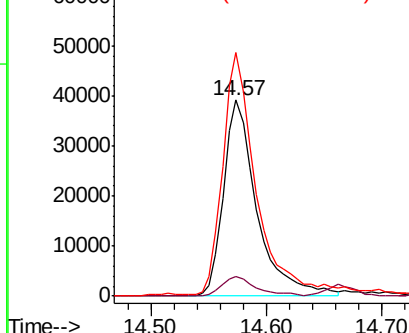
Lab File: BG037137.D

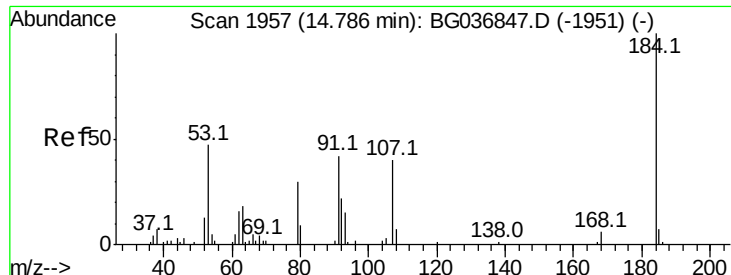
Acq: 3 Oct 2018 17:23

Tgt Ion:	138	Resp:	78802
Ion Ratio	Lower	Upper	
138	100		
108	10.1	9.4	14.2
92	124.1	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





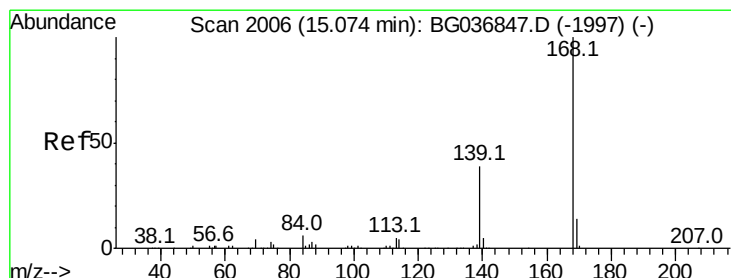
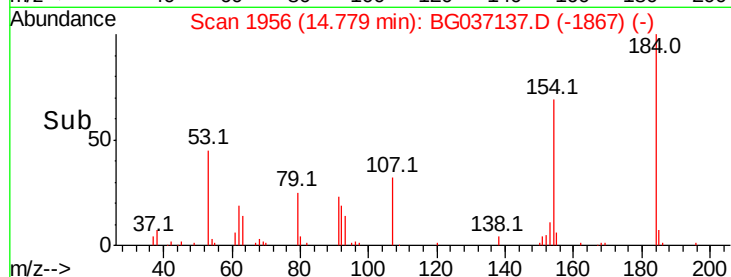
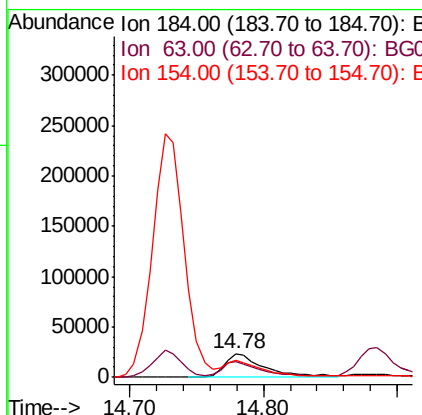
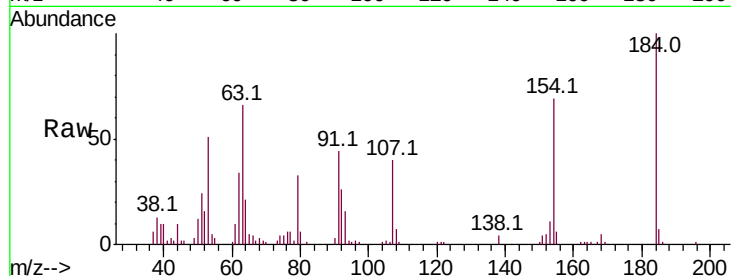
#53
 2,4-Dinitrophenol
 Concen: 43.760 ng
 RT: 14.78 min Scan# 1956
 Delta R.T. -0.01 min
 Lab File: BG037137.D
 Acq: 3 Oct 2018 17:23

Instrument :
 BNA_G
 ClientSampleId :
 CG-SOIL-2MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	66.1	47.3	70.9
154	69.4	51.1	76.7

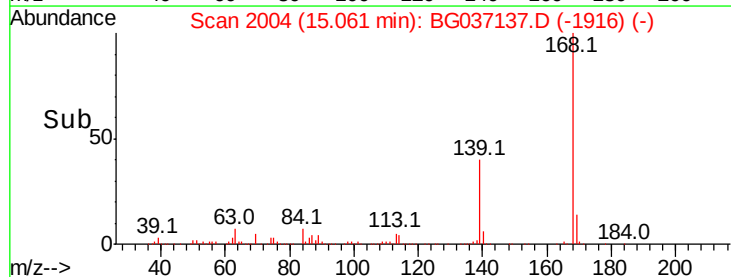
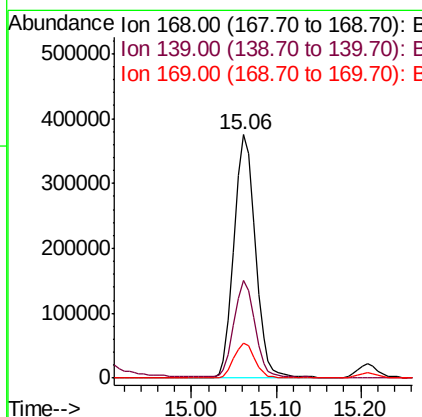
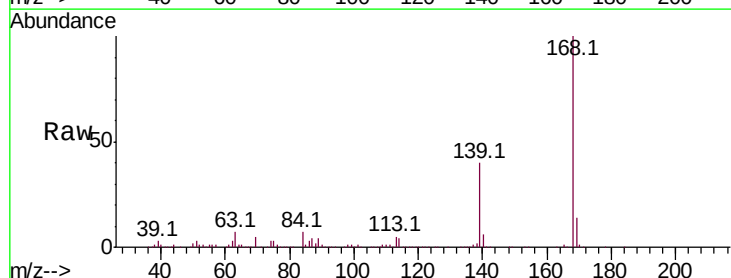
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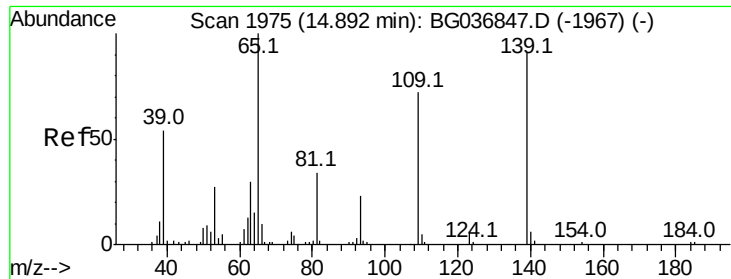
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#54
 Dibenzofuran
 Concen: 45.329 ng
 RT: 15.06 min Scan# 2004
 Delta R.T. -0.01 min
 Lab File: BG037137.D
 Acq: 3 Oct 2018 17:23

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.2	31.0	46.6
169	14.5	11.1	16.7





#55

4-Nitrophenol

Concen: 99.452 ng

RT: 14.89 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BG037137.D

Acq: 3 Oct 2018 17:23

Instrument :

BNA_G

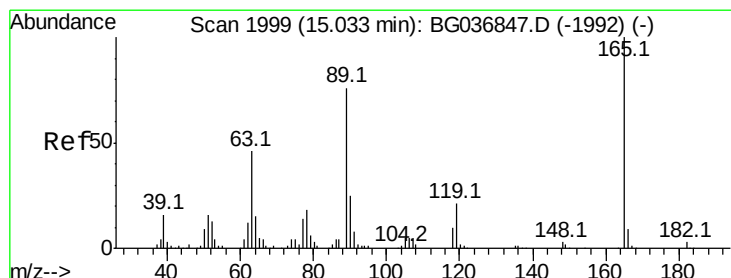
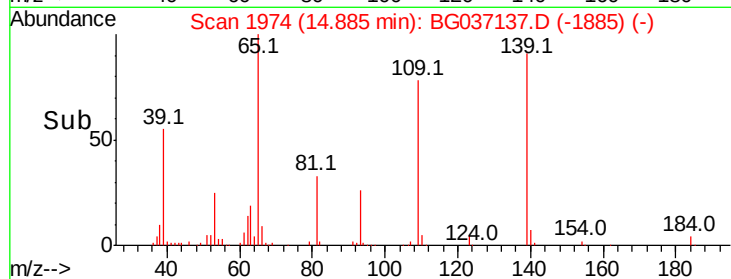
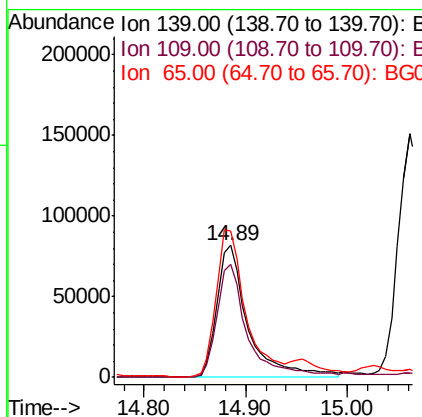
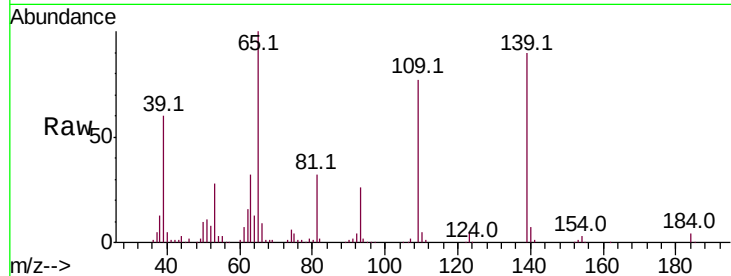
ClientSampleId :

CG-SOIL-2MS

Tot Ion:	139	Resp:	176196
Ion Ratio	Lower	Upper	
139	100		
109	85.7	63.9	103.9
65	111.1	90.0	130.0

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#56

2,4-Dinitrotoluene

Concen: 48.383 ng

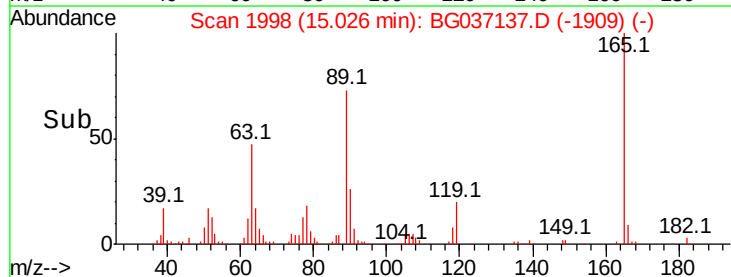
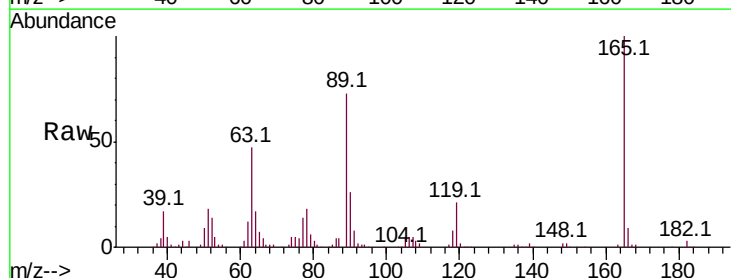
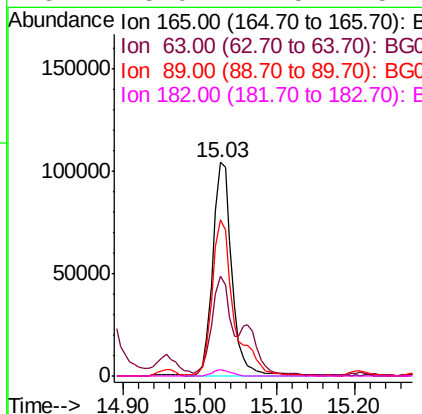
RT: 15.03 min Scan# 1998

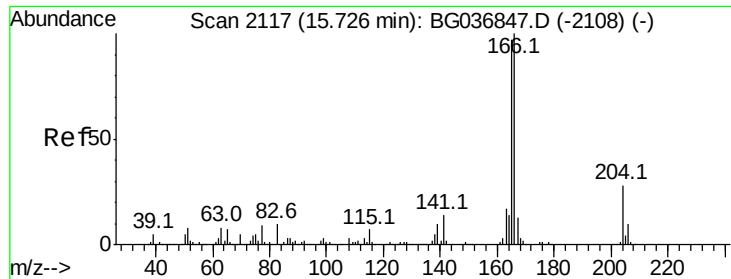
Delta R.T. -0.01 min

Lab File: BG037137.D

Acq: 3 Oct 2018 17:23

Tgt Ion:	165	Resp:	177680
Ion Ratio	Lower	Upper	
165	100		
63	47.0	40.1	60.1
89	73.0	63.7	95.5
182	3.0	2.5	3.7





#57

Fluorene

Concen: 48.448 ng

RT: 15.71 min Scan# 2115

Delta R.T. -0.01 min

Lab File: BG037137.D

Acq: 3 Oct 2018 17:23

Instrument :

BNA_G

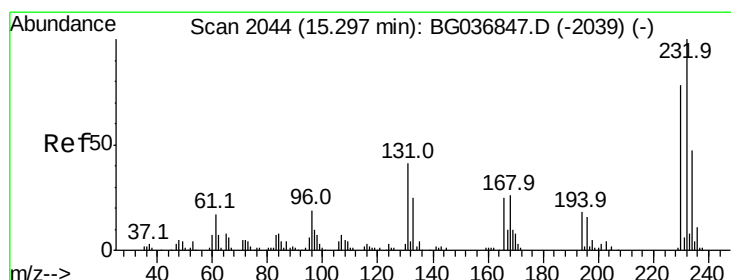
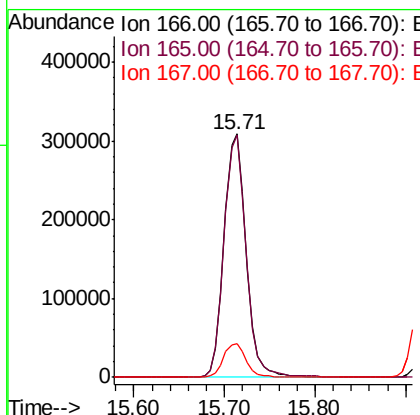
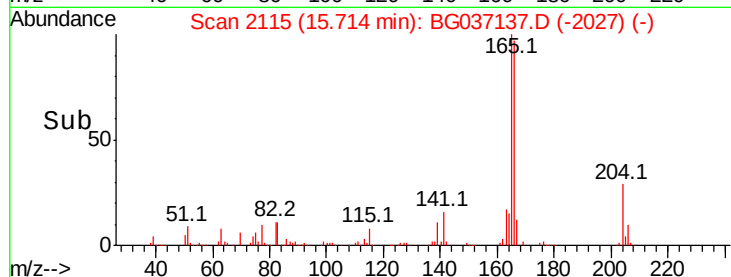
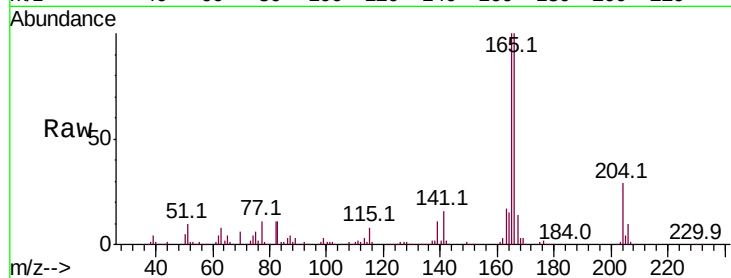
ClientSampleId :

CG-SOIL-2MS

Tot Ion:	166	Resp:	523555
Ion Ratio	Lower	Upper	
166	100		
165	99.6	77.0	115.4
167	13.7	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 49.284 ng

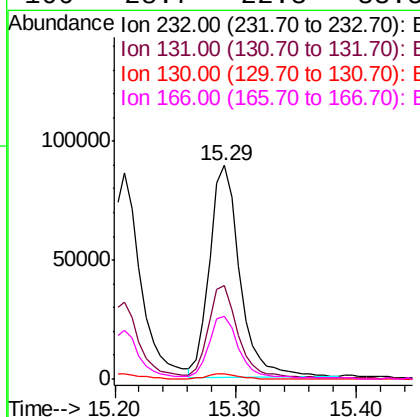
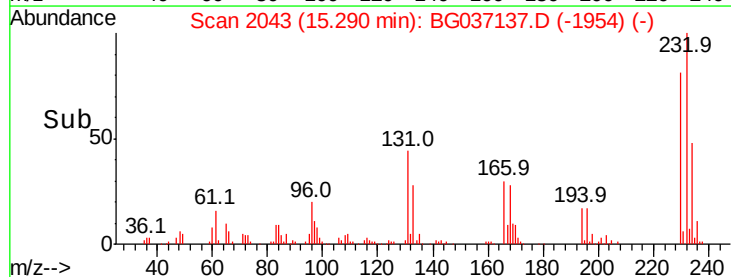
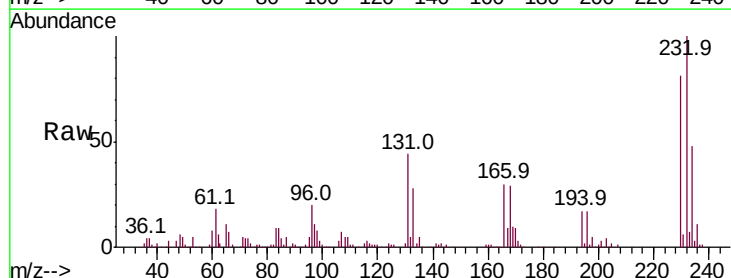
RT: 15.29 min Scan# 2043

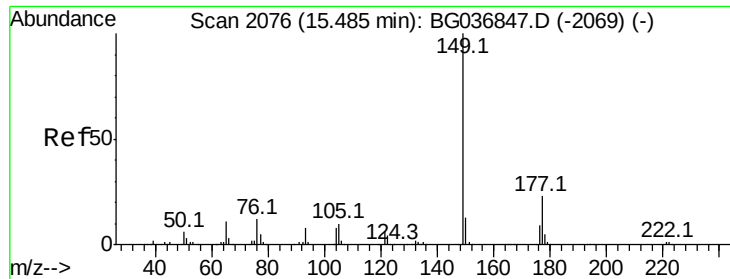
Delta R.T. -0.01 min

Lab File: BG037137.D

Acq: 3 Oct 2018 17:23

Tgt Ion:	232	Resp:	154730
Ion Ratio	Lower	Upper	
232	100		
131	44.7	33.8	50.8
130	2.5	2.1	3.1
166	28.7	22.3	33.5





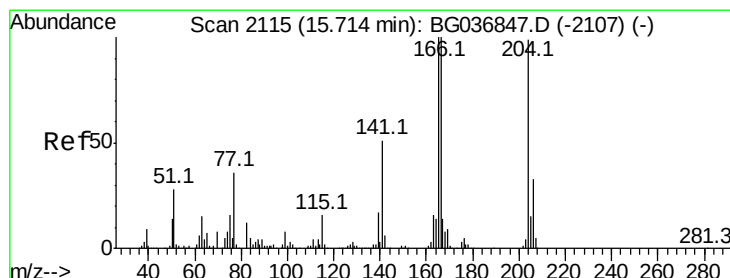
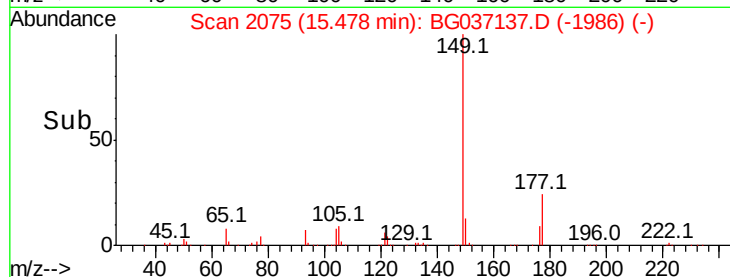
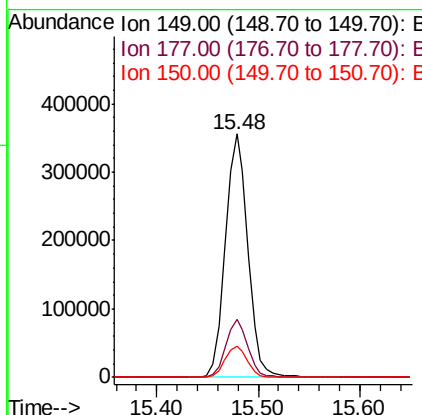
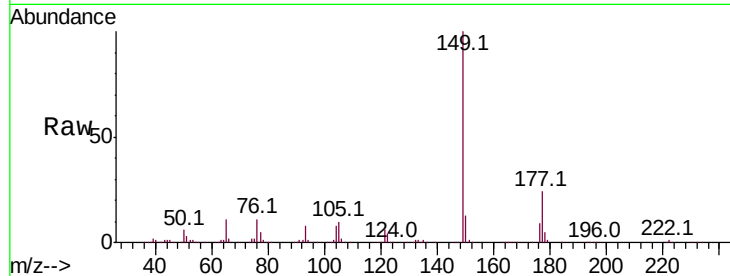
#59
Diethylphthalate
Concen: 44.834 ng
RT: 15.48 min Scan# 2075
Delta R.T. -0.01 min
Lab File: BG037137.D
Acq: 3 Oct 2018 17:23

Instrument :
BNA_G
ClientSampleId :
CG-SOIL-2MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
177	23.9	19.1	28.7	
150	13.0	10.7	16.1	

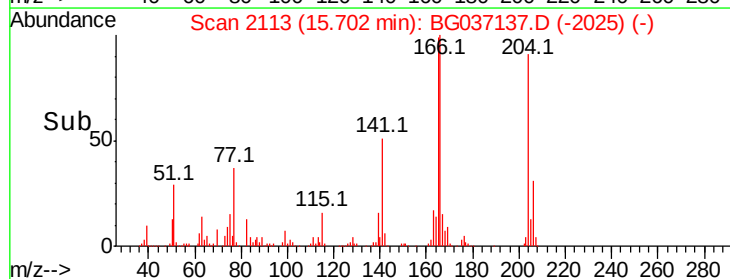
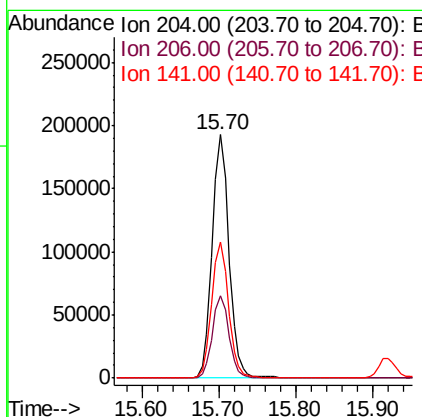
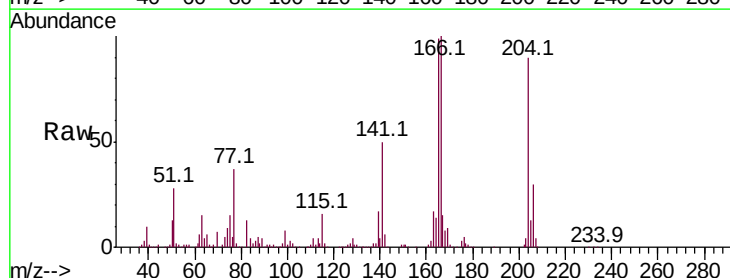
Manual Integrations
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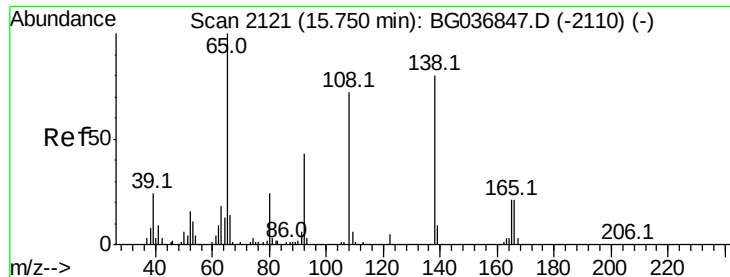
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 42.392 ng
RT: 15.70 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BG037137.D
Acq: 3 Oct 2018 17:23

Tgt Ion	Ratio	Resp	Lower	Upper
204	100			
206	33.7	27.0	40.4	
141	55.7	43.8	65.6	





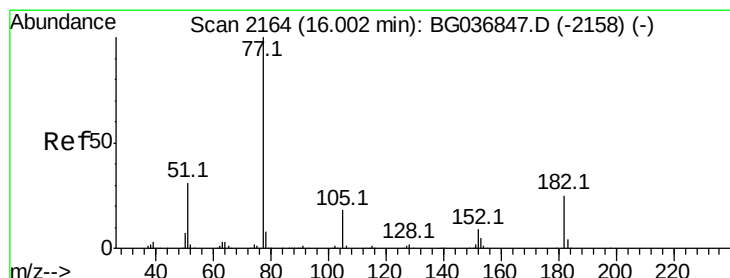
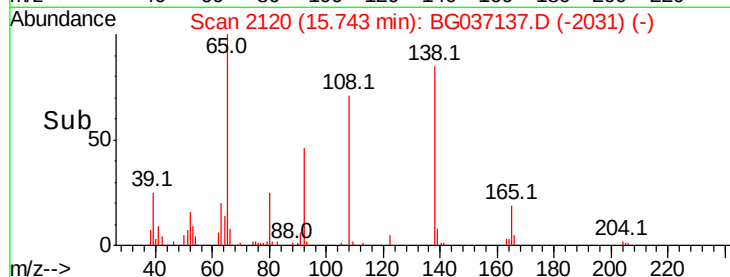
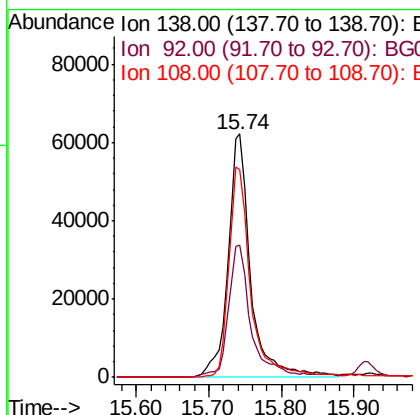
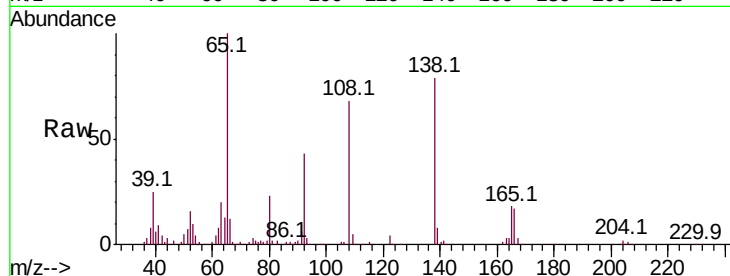
#61
4-Nitroaniline
Concen: 45.895 ng
RT: 15.74 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BG037137.D
Acq: 3 Oct 2018 17:23

Instrument :
BNA_G
ClientSampleId :
CG-SOIL-2MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	54.3	38.5	78.5
108	85.5	70.3	110.3

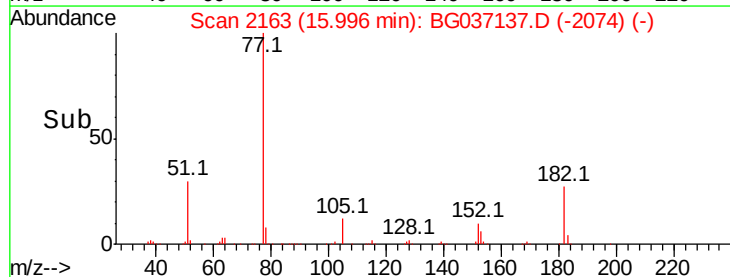
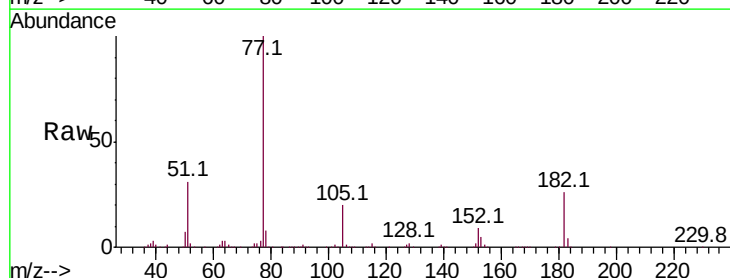
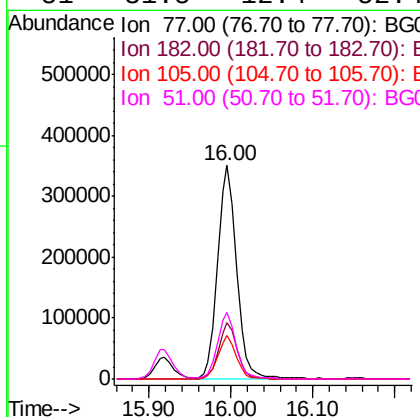
Manual Integrations
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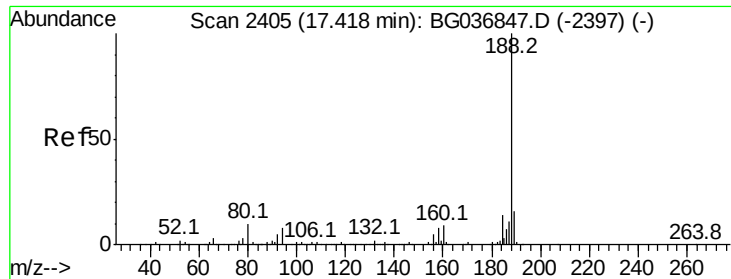
Sohil
10/4/2018 12:59:18 PM



#62
Azobenzene
Concen: 48.398 ng
RT: 16.00 min Scan# 2163
Delta R.T. -0.01 min
Lab File: BG037137.D
Acq: 3 Oct 2018 17:23

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.3	6.7	46.7
105	20.1	0.0	39.8
51	31.5	12.4	52.4





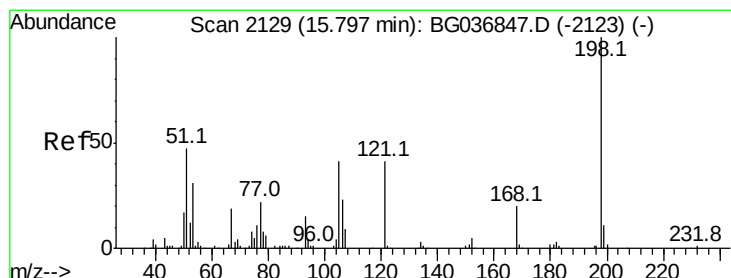
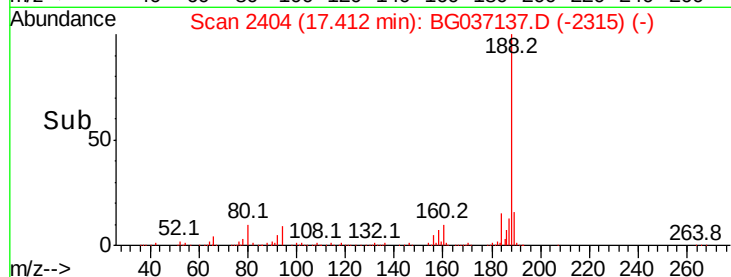
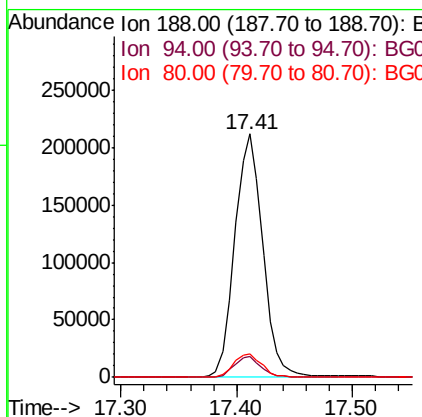
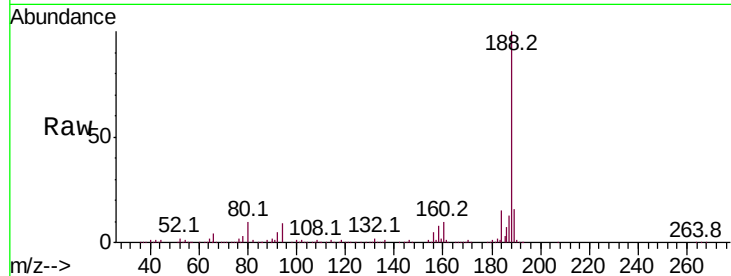
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BG037137.D
Acq: 3 Oct 2018 17:23

Instrument :
BNA_G
ClientSampled :
CG-SOIL-2MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	356281		
94	8.8	6.7	10.1	
80	9.5	8.1	12.1	

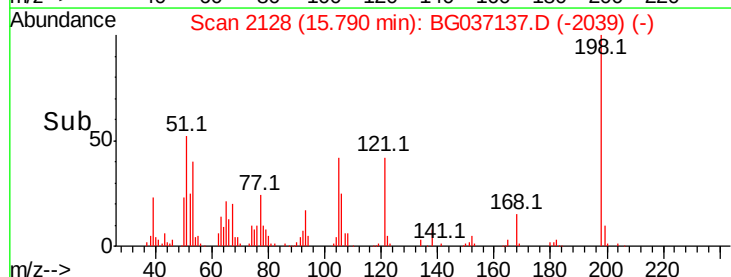
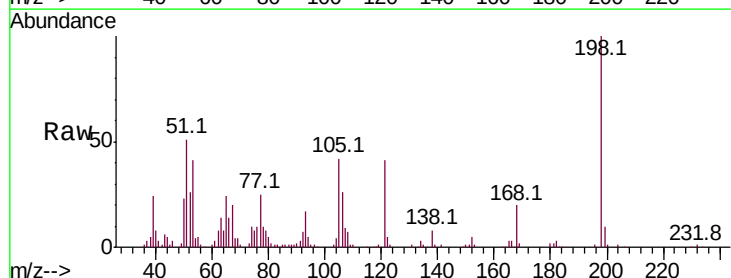
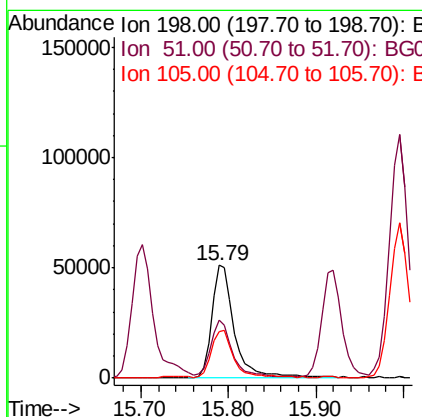
Manual Integrations
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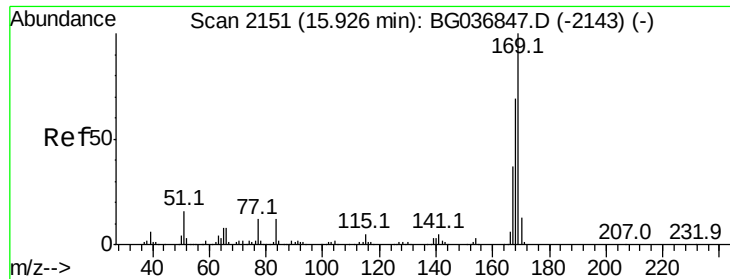
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 49.226 ng
RT: 15.79 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BG037137.D
Acq: 3 Oct 2018 17:23

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	91692		
51	51.3	26.5	66.5	
105	41.5	20.2	60.2	





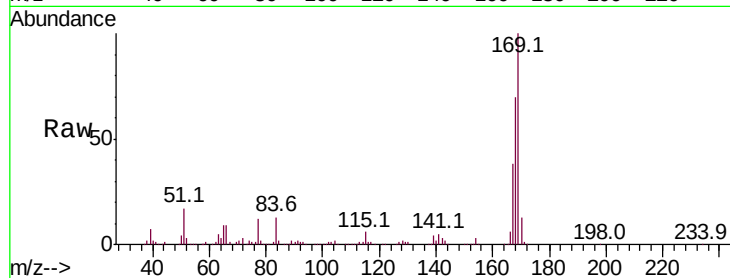
#65
n-Nitrosodiphenylamine
Concen: 48.057 ng
RT: 15.92 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BG037137.D
Acq: 3 Oct 2018 17:23

Instrument :
BNA_G
ClientSampleId :
CG-SOIL-2MS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	472687		
168	70.4		57.6	86.4
167	37.8		31.0	46.4

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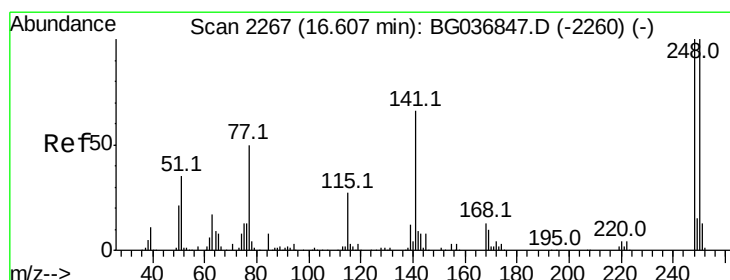
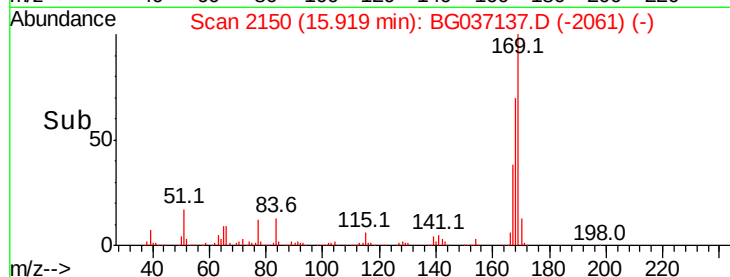
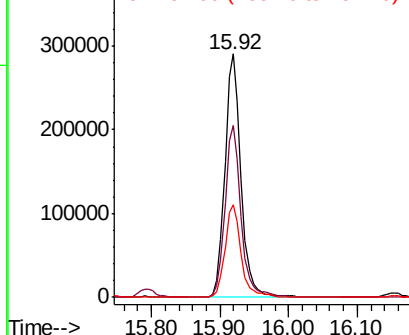


Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66
4-Bromophenyl-phenylether
Concen: 44.999 ng
RT: 16.59 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BG037137.D
Acq: 3 Oct 2018 17:23

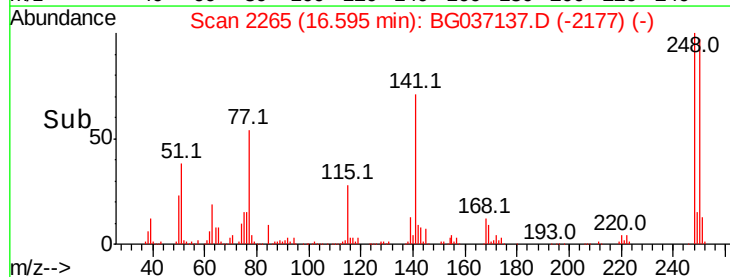
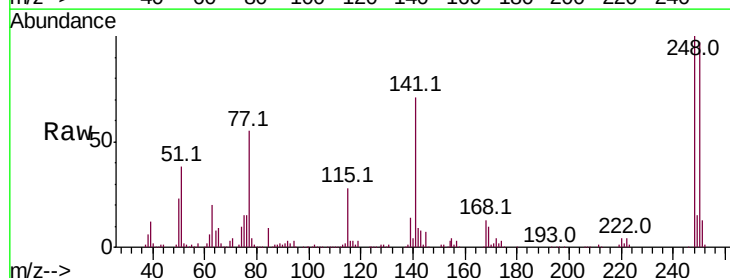
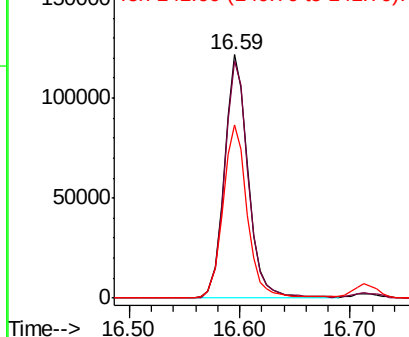
Tgt Ion	Ratio	Resp	Lower	Upper
248	100	182360		
250	97.2		78.1	117.1
141	71.1		53.7	80.5

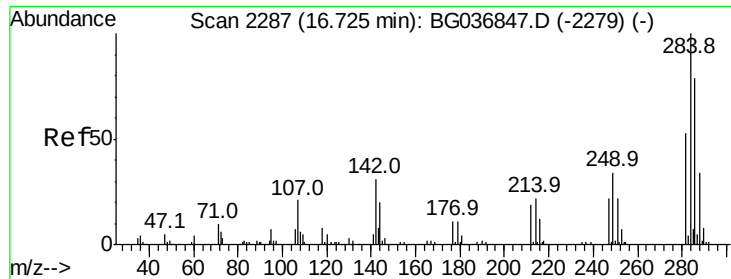
Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 44.048 ng

RT: 16.72 min Scan# 2286

Delta R.T. -0.01 min

Lab File: BG037137.D

Acq: 3 Oct 2018 17:23

Instrument :

BNA_G

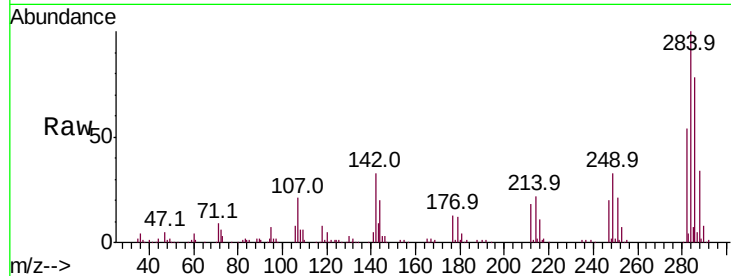
ClientSampleId :

CG-SOIL-2MS

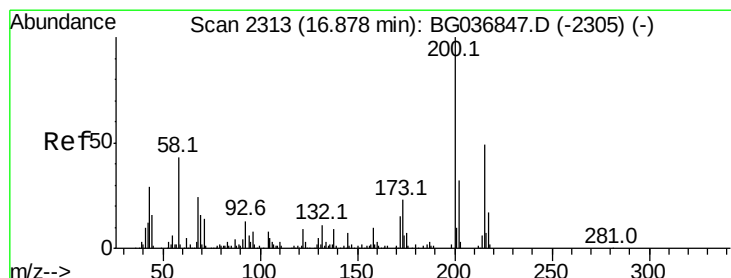
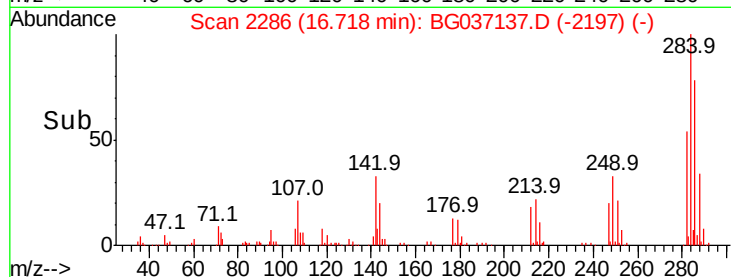
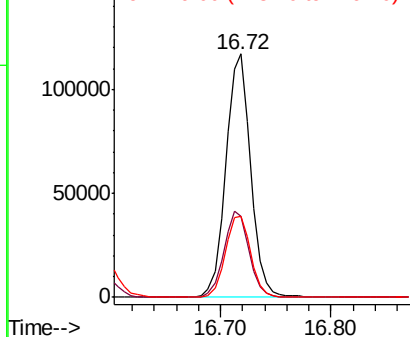
Tot Ion:	284	Resp:	183849
Ion Ratio	Lower	Upper	
284	100		
142	33.2	27.8	41.6
249	33.4	27.4	41.2

Manual Integrations
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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: 49.625 ng

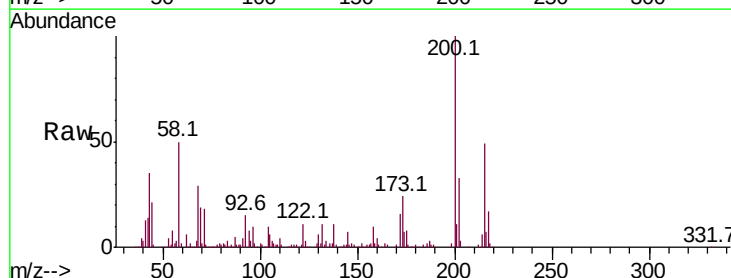
RT: 16.87 min Scan# 2311

Delta R.T. -0.01 min

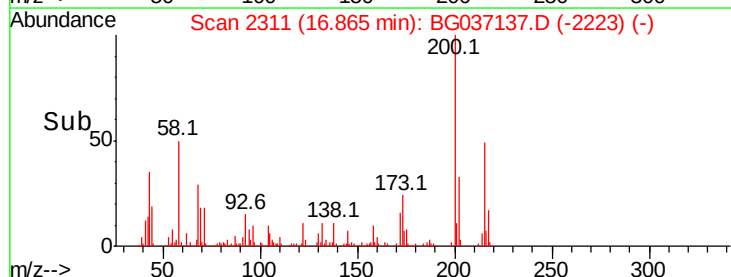
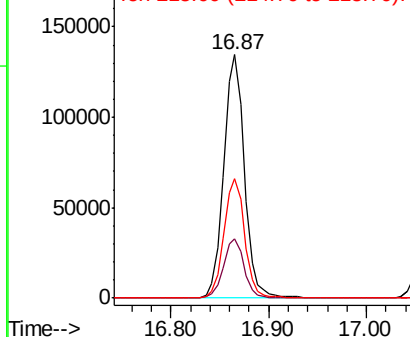
Lab File: BG037137.D

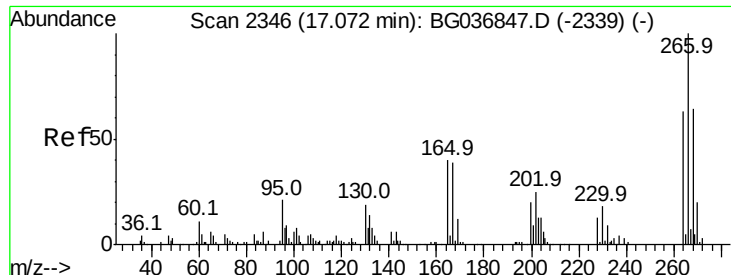
Acq: 3 Oct 2018 17:23

Tgt Ion:	200	Resp:	197638
Ion Ratio	Lower	Upper	
200	100		
173	24.2	3.9	43.9
215	48.8	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





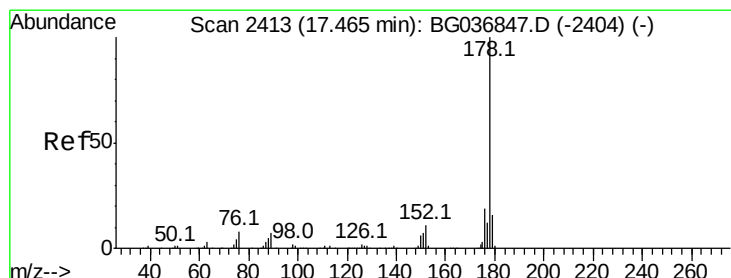
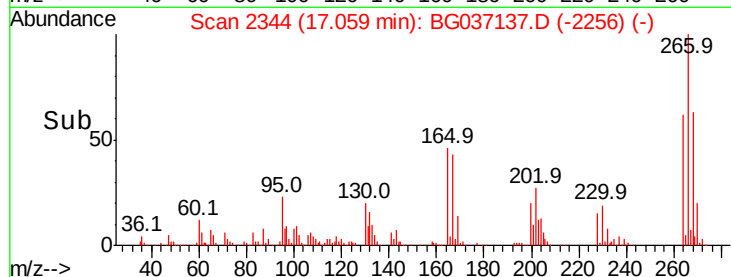
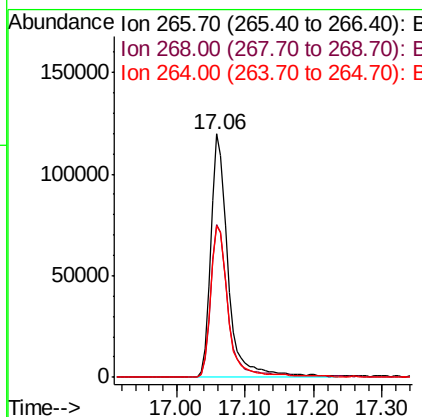
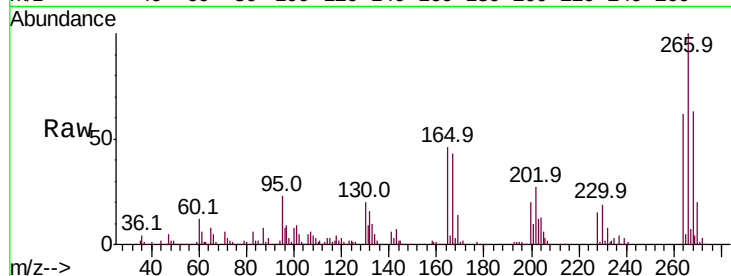
#69
 Pentachlorophenol
 Concen: 79.869 ng
 RT: 17.06 min Scan# 2344
 Delta R.T. -0.01 min
 Lab File: BG037137.D
 Acq: 3 Oct 2018 17:23

Instrument :
 BNA_G
 ClientSampleId :
 CG-SOIL-2MS

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.8	51.4	77.2
264	62.4	48.9	73.3

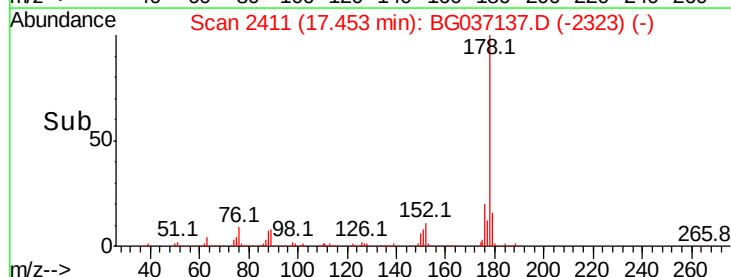
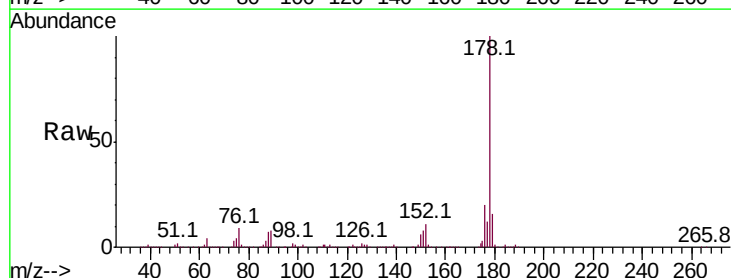
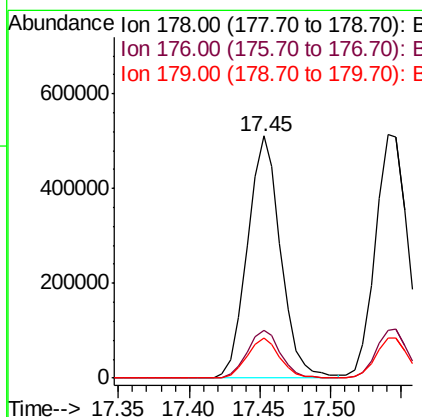
Manual Integrations
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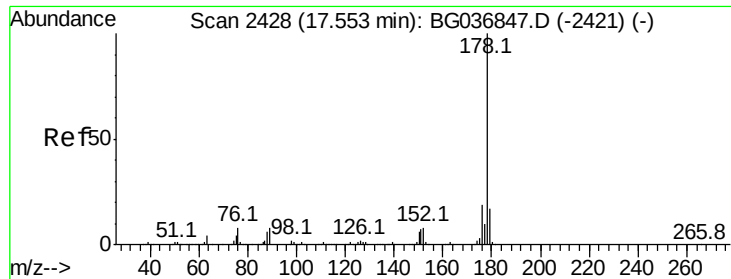
Sohil
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#70
 Phenanthrene
 Concen: 49.120 ng
 RT: 17.45 min Scan# 2411
 Delta R.T. -0.01 min
 Lab File: BG037137.D
 Acq: 3 Oct 2018 17:23

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.4	23.2
179	16.3	13.4	20.2





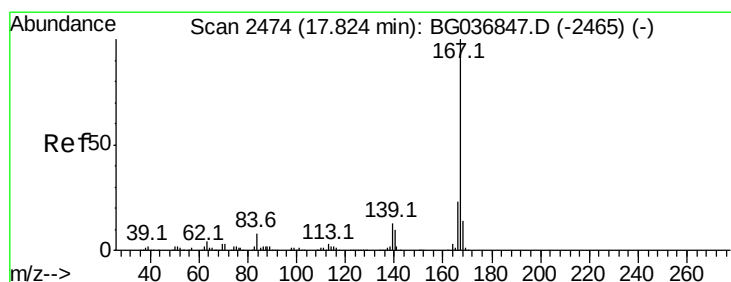
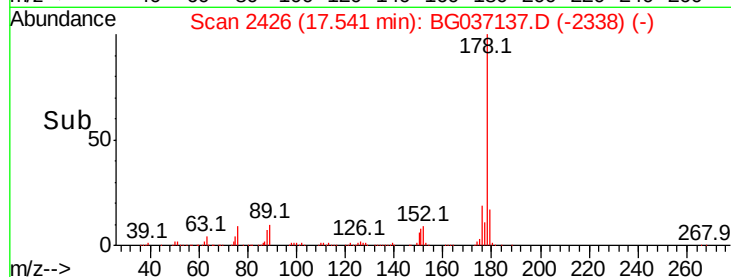
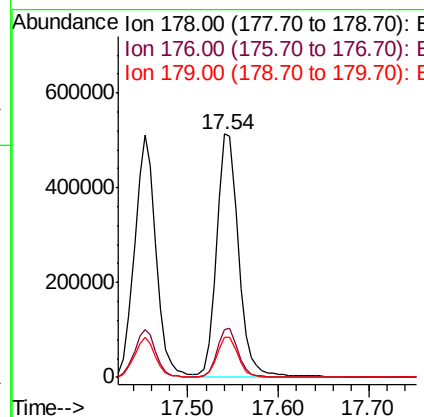
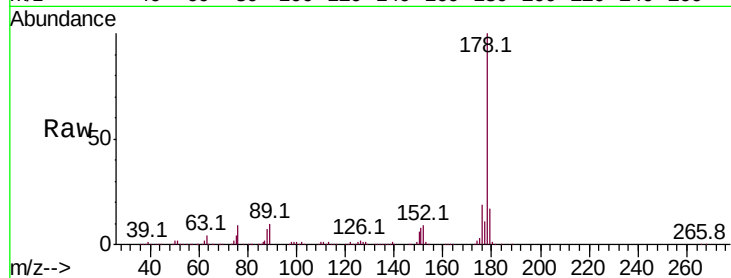
#71
 Anthracene
 Concen: 50.714 ng
 RT: 17.54 min Scan# 2426
 Delta R.T. -0.01 min
 Lab File: BG037137.D
 Acq: 3 Oct 2018 17:23

Instrument :
 BNA_G
 ClientSampleId :
 CG-SOIL-2MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	16.5	13.0	19.4

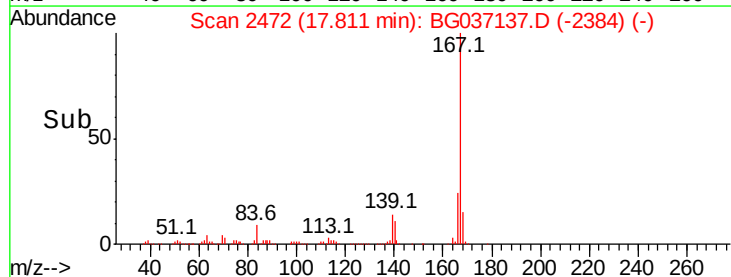
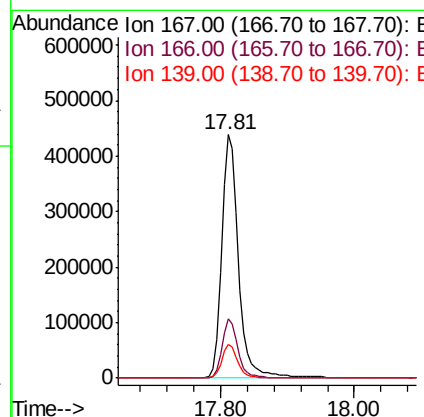
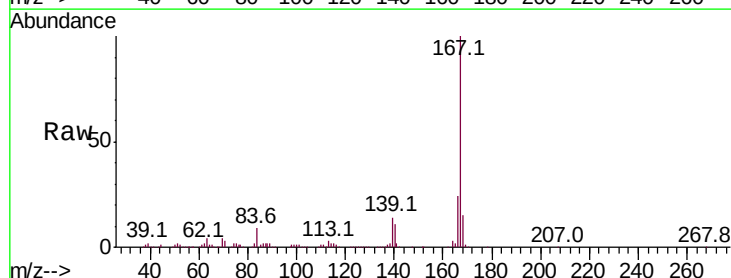
Manual Integrations
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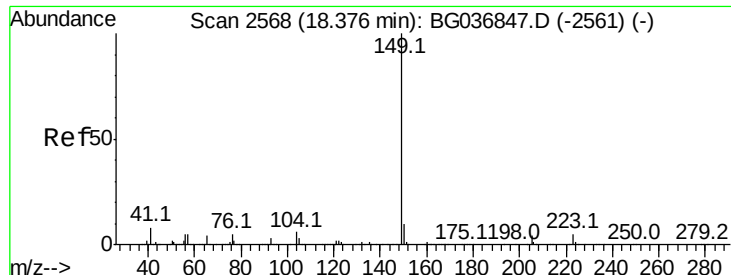
Sohil
 10/4/2018 12:59:18 PM



#72
 Carbazole
 Concen: 46.805 ng
 RT: 17.81 min Scan# 2472
 Delta R.T. -0.01 min
 Lab File: BG037137.D
 Acq: 3 Oct 2018 17:23

Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.3	19.5	29.3
139	13.7	10.7	16.1





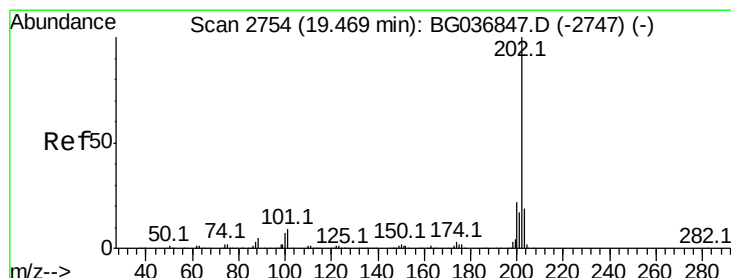
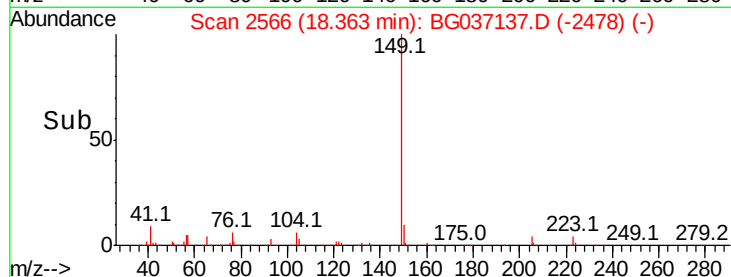
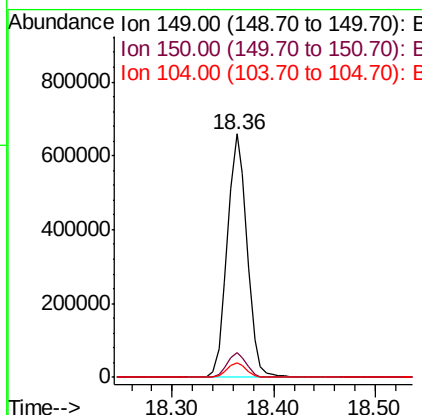
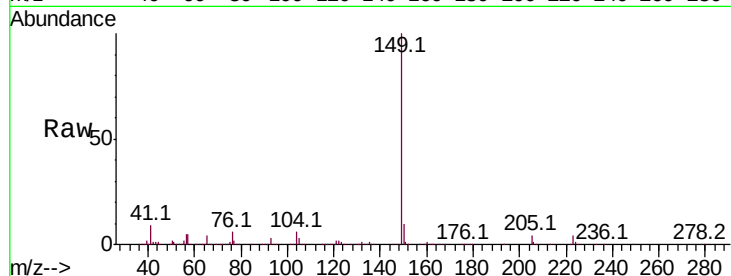
#73
Di-n-butylphthalate
Concen: 48.714 ng
RT: 18.36 min Scan# 2566
Delta R.T. -0.01 min
Lab File: BG037137.D
Acq: 3 Oct 2018 17:23

Instrument :
BNA_G
ClientSampleId :
CG-SOIL-2MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	10.0	8.1	12.1	
104	6.0	4.6	6.8	

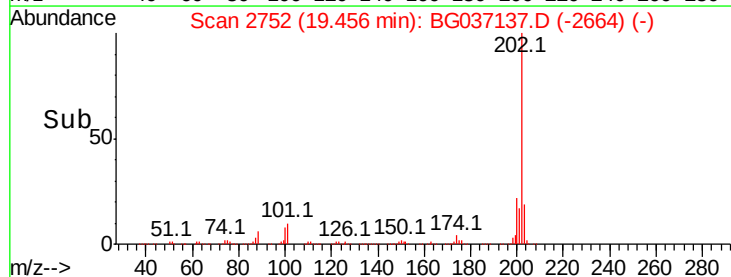
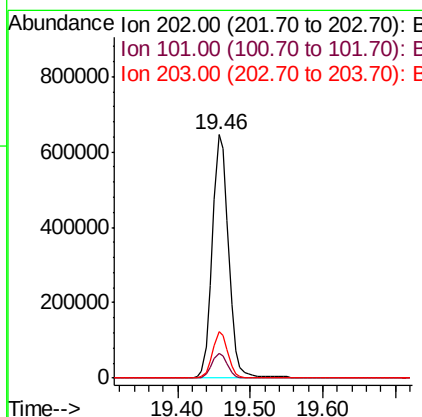
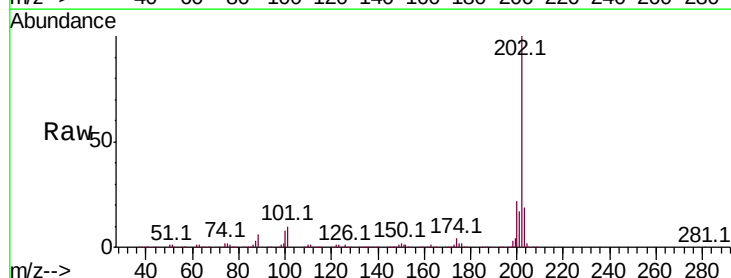
Manual Integrations
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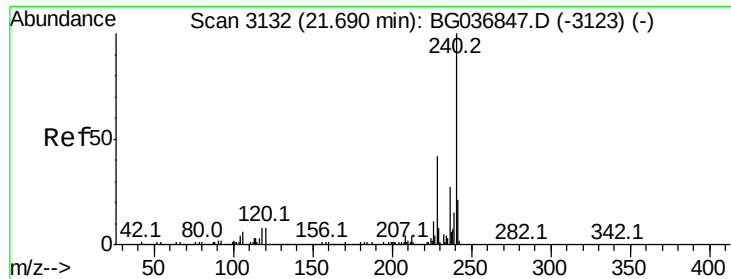
Sohil
10/4/2018 12:59:18 PM



#74
Fluoranthene
Concen: 48.915 ng
RT: 19.46 min Scan# 2752
Delta R.T. -0.01 min
Lab File: BG037137.D
Acq: 3 Oct 2018 17:23

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	10.4	0.0	29.4	
203	18.8	0.0	38.9	





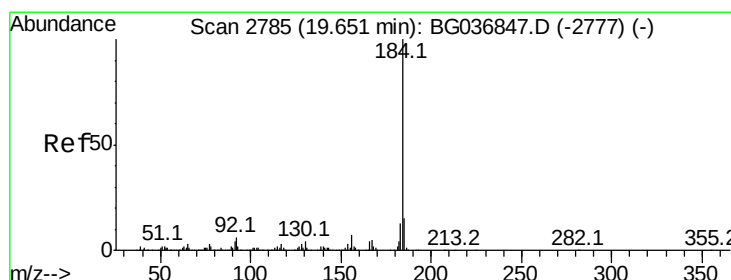
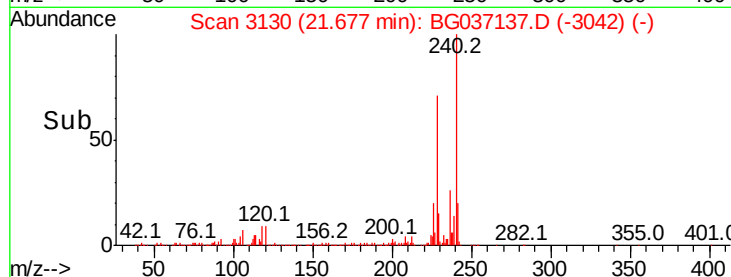
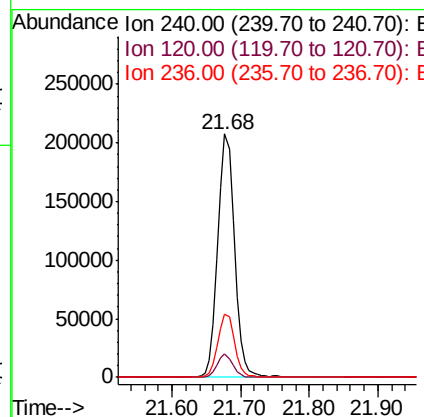
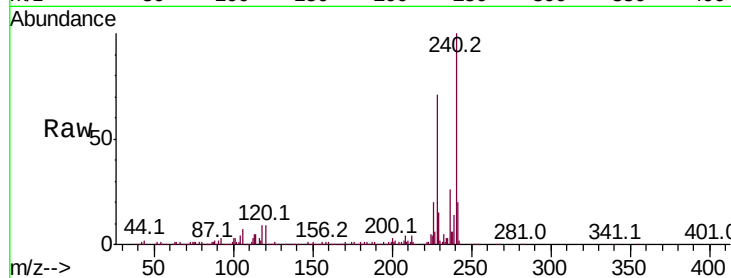
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3130
 Delta R.T. -0.01 min
 Lab File: BG037137.D
 Acq: 3 Oct 2018 17:23

Instrument :
 BNA_G
 ClientSampleId :
 CG-SOIL-2MS

Tot Ion	Ratio	Resp Lower	Upper
240	100		
120	9.4	6.9	10.3
236	25.9	21.2	31.8

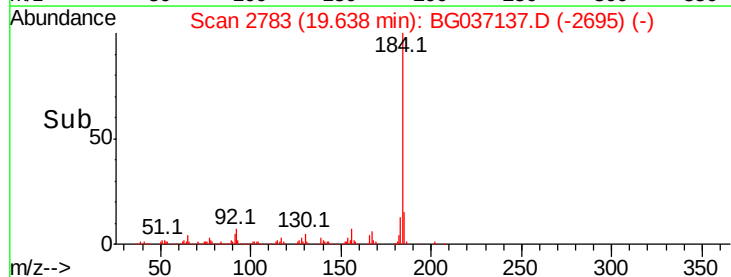
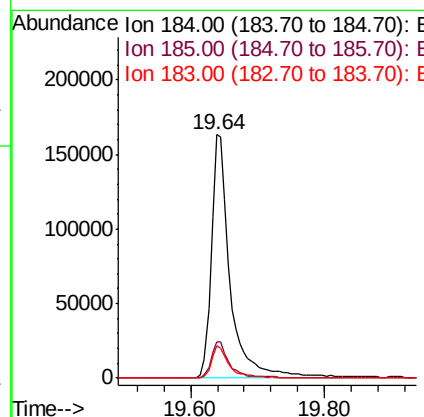
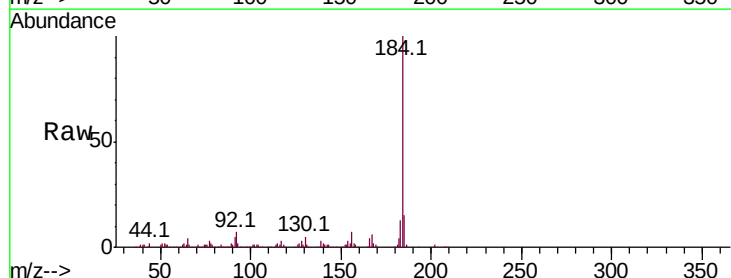
Manual Integrations
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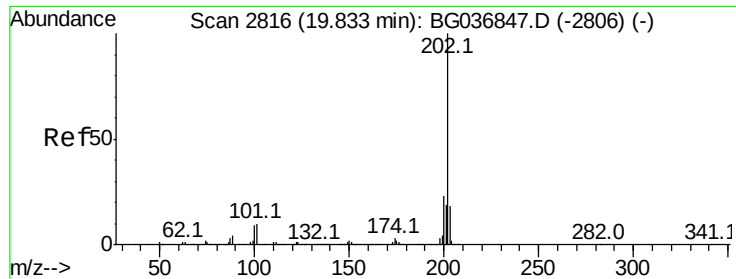
Sohil
 10/4/2018 12:59:18 PM



#76
 Benzidine
 Concen: 30.087 ng
 RT: 19.64 min Scan# 2783
 Delta R.T. -0.01 min
 Lab File: BG037137.D
 Acq: 3 Oct 2018 17:23

Tgt Ion	Ratio	Resp Lower	Upper
184	100		
185	14.9	12.6	18.8
183	13.4	10.9	16.3





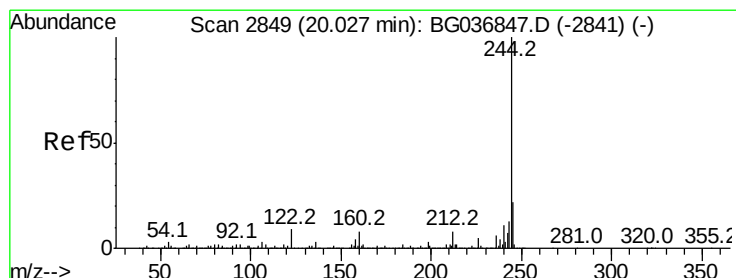
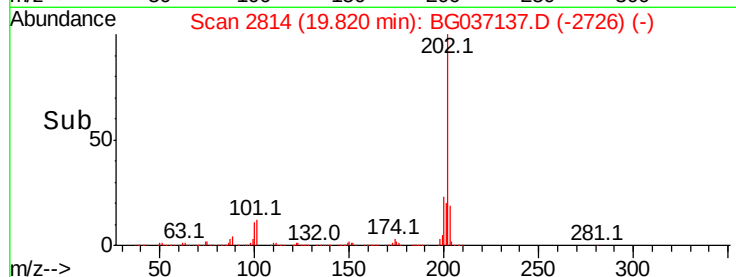
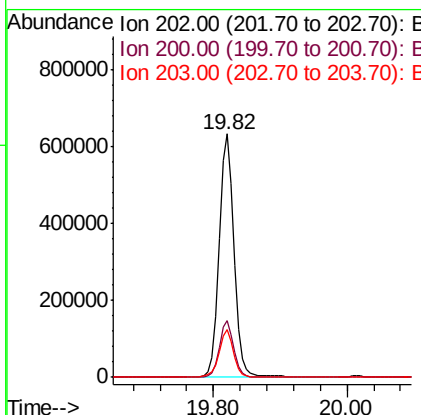
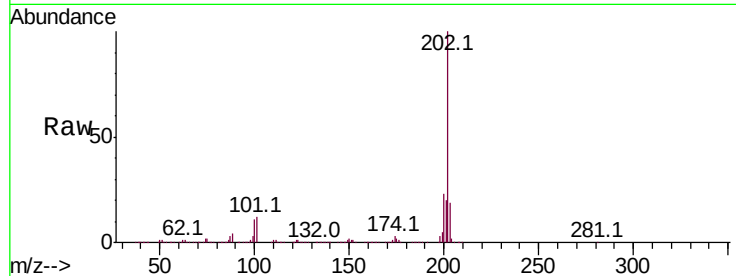
#77
Pvrene
Concen: 47.026 ng
RT: 19.82 min Scan# 2814
Delta R.T. -0.01 min
Lab File: BG037137.D
Acq: 3 Oct 2018 17:23

Instrument :
BNA_G
ClientSampleId :
CG-SOIL-2MS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	23.3	18.3	27.5
203	19.4	15.1	22.7

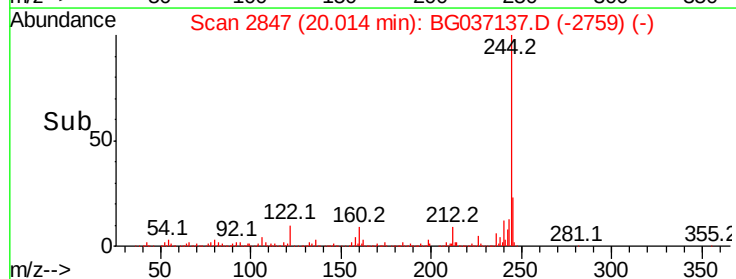
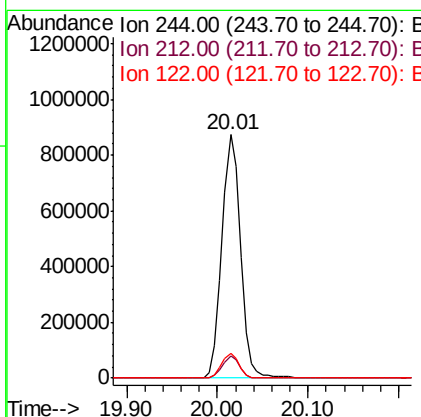
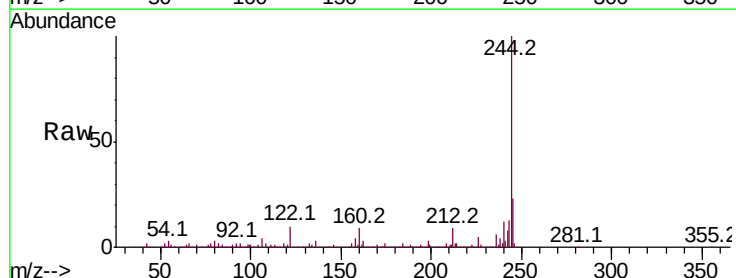
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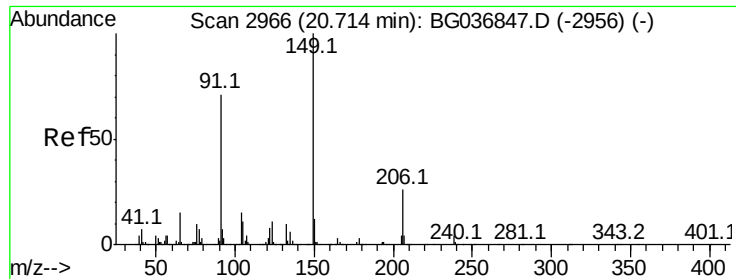
Sohil
10/4/2018 12:59:18 PM



#78
Terphenyl-d14
Concen: 92.921 ng
RT: 20.01 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BG037137.D
Acq: 3 Oct 2018 17:23

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	9.0	7.0	10.6
122	10.1	7.1	10.7





#79

Butylbenzylphthalate

Concen: 49.512 ng

RT: 20.70 min Scan# 2964

Delta R.T. -0.01 min

Lab File: BG037137.D

Acq: 3 Oct 2018 17:23

Instrument :

BNA_G

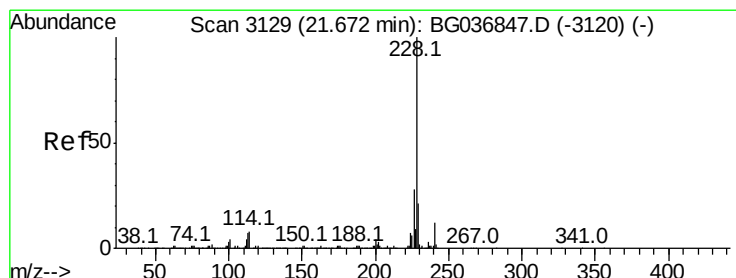
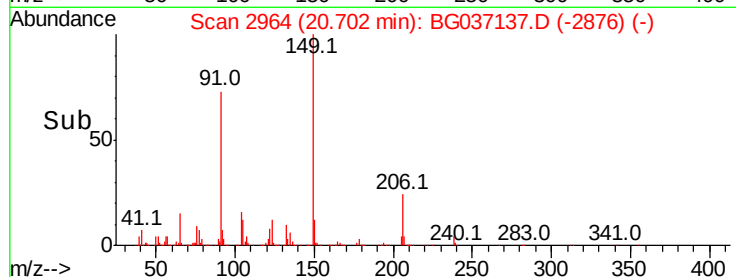
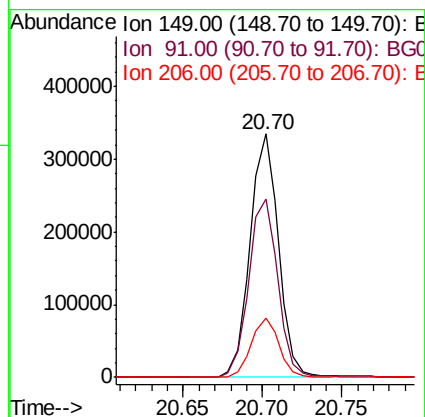
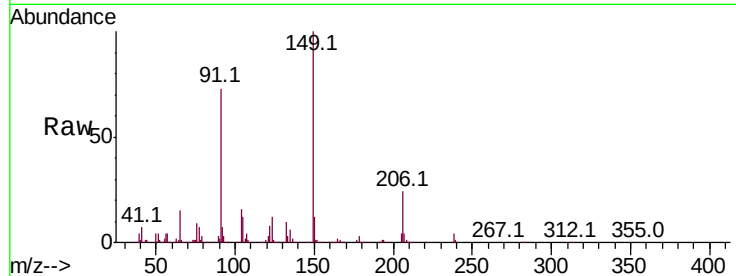
ClientSampleId :

CG-SOIL-2MS

Tot Ion:	149	Resp:	417281
Ion Ratio	Lower	Upper	
149	100		
91	73.0	62.0	93.0
206	24.3	19.6	29.4

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#80

Benzo(a)anthracene

Concen: 48.227 ng

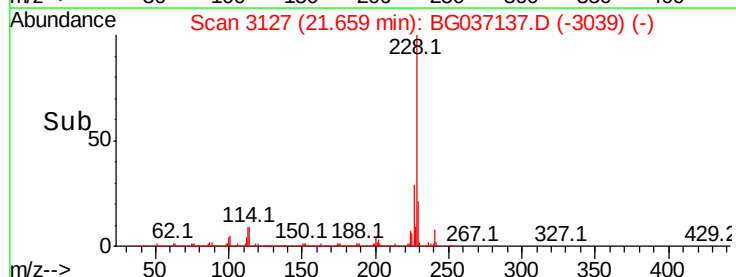
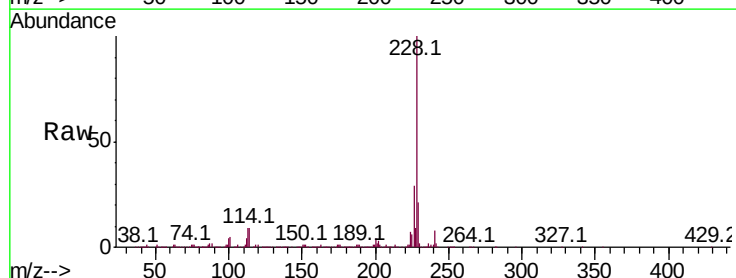
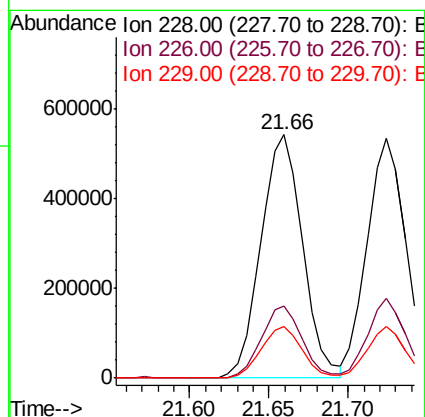
RT: 21.66 min Scan# 3127

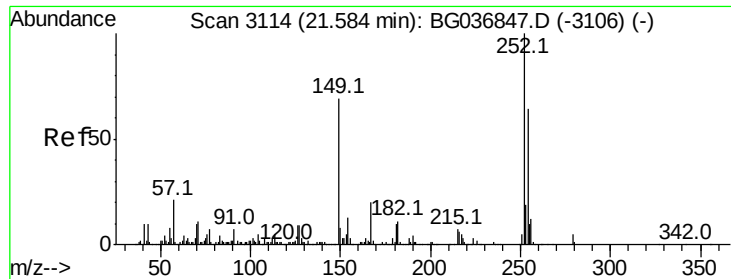
Delta R.T. -0.01 min

Lab File: BG037137.D

Acq: 3 Oct 2018 17:23

Tgt Ion:	228	Resp:	991960
Ion Ratio	Lower	Upper	
228	100		
226	29.5	23.4	35.2
229	21.3	17.1	25.7





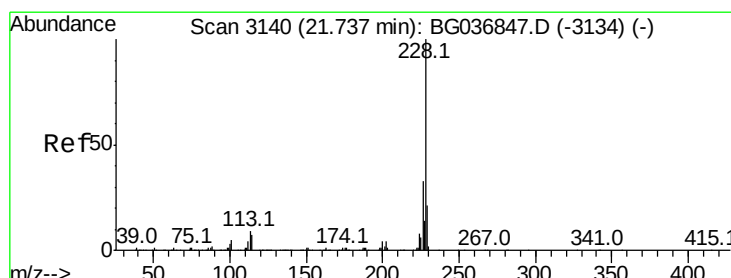
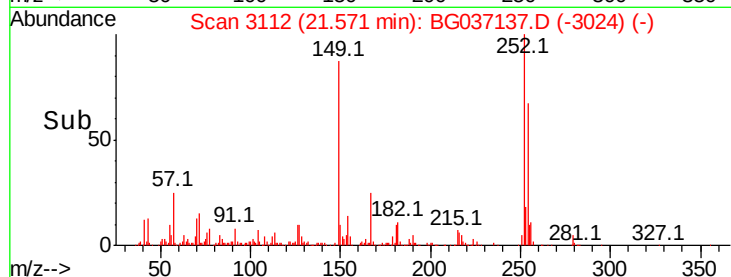
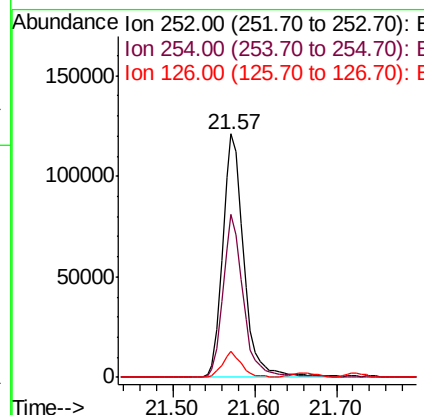
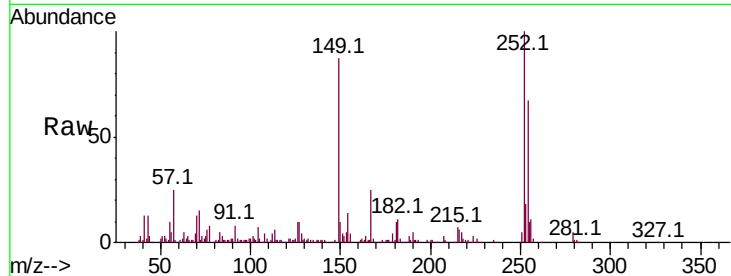
#81
 3,3'-Dichlorobenzidine
 Concen: 27.751 ng
 RT: 21.57 min Scan# 3112
 Delta R.T. -0.01 min
 Lab File: BG037137.D
 Acq: 3 Oct 2018 17:23

Instrument :
 BNA_G
 ClientSampleId :
 CG-SOIL-2MS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	217267		
254	67.0	51.0	76.4	
126	10.5	7.4	11.0	

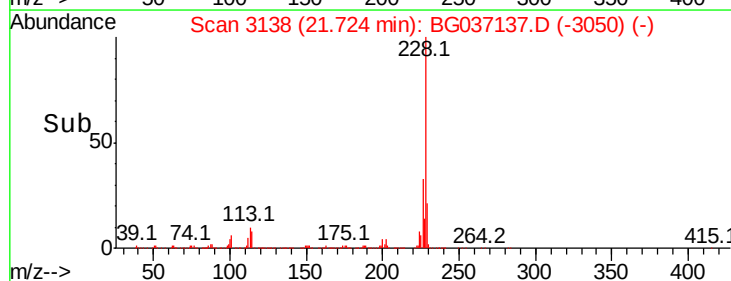
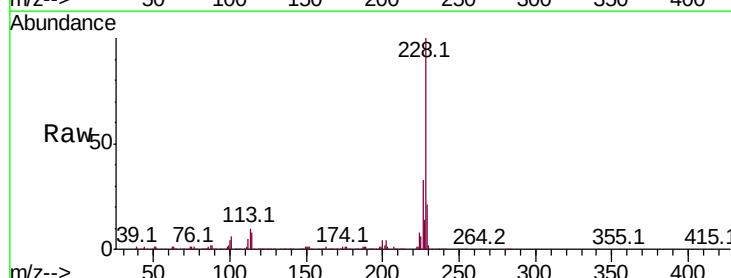
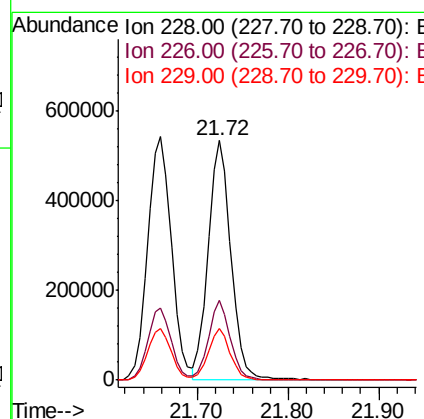
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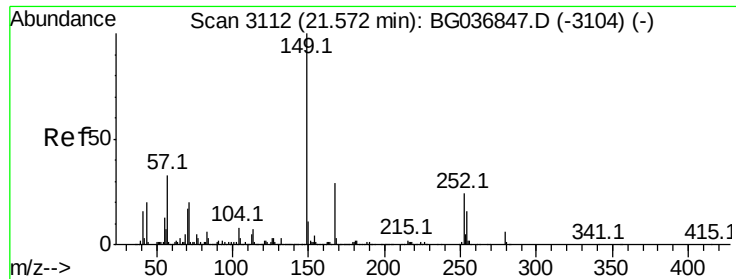
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#82
 Chrysene
 Concen: 46.892 ng
 RT: 21.72 min Scan# 3138
 Delta R.T. -0.01 min
 Lab File: BG037137.D
 Acq: 3 Oct 2018 17:23

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	931887		
226	33.1	25.5	38.3	
229	21.4	16.9	25.3	





#83

Bis(2-ethylhexyl)phthalate

Concen: 49.743 ng

RT: 21.55 min Scan# 3109

Delta R.T. -0.02 min

Lab File: BG037137.D

Acq: 3 Oct 2018 17:23

Instrument :

BNA_G

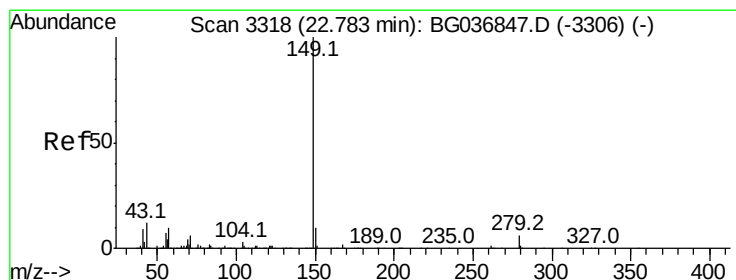
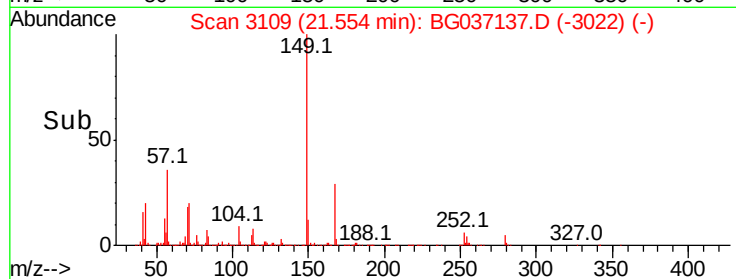
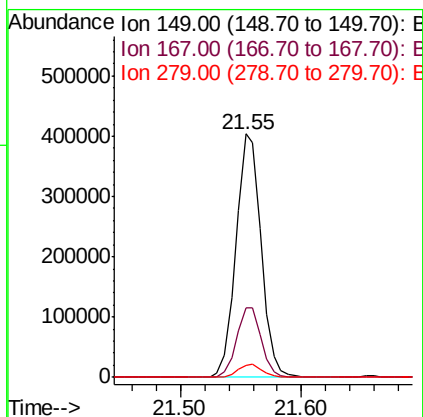
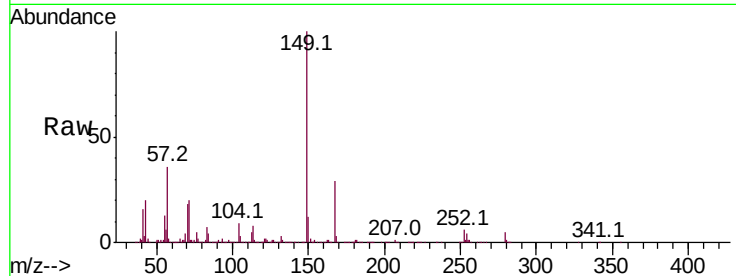
ClientSampleId :

CG-SOIL-2MS

Tot Ion:	149	Resp:	585657
Ion Ratio	Lower	Upper	
149	100		
167	28.6	23.4	35.0
279	4.9	4.6	7.0

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 51.376 ng

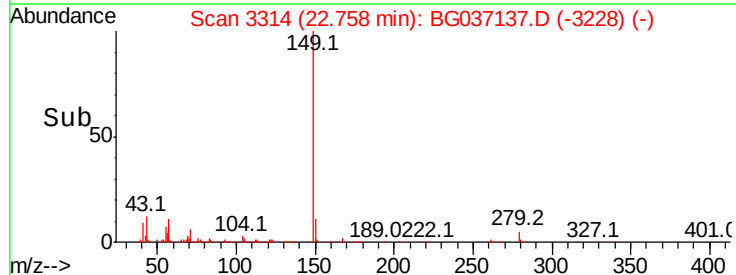
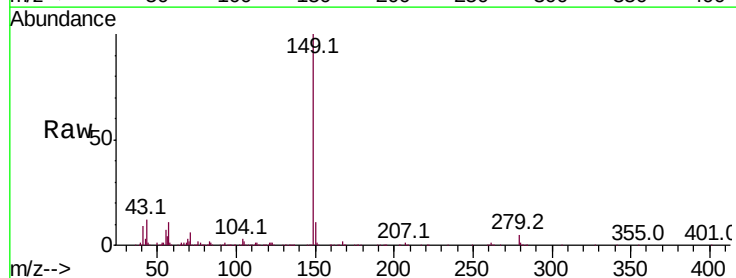
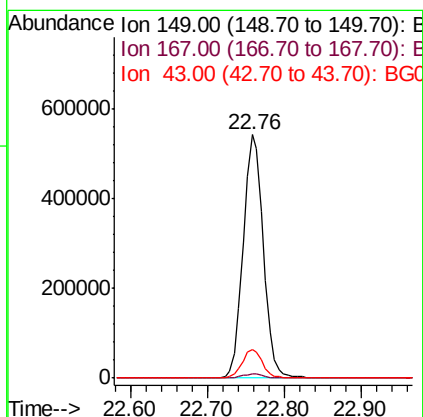
RT: 22.76 min Scan# 3314

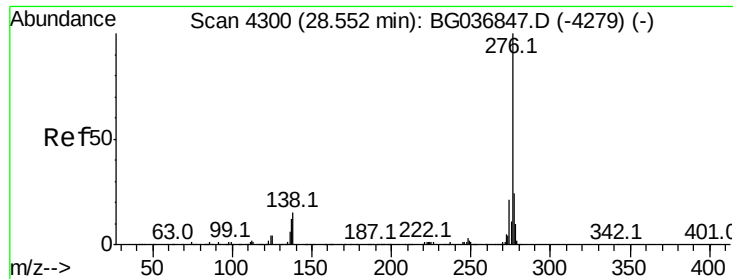
Delta R.T. -0.02 min

Lab File: BG037137.D

Acq: 3 Oct 2018 17:23

Tgt Ion:	149	Resp:	995912
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.3	1.9
43	11.6	10.0	15.0





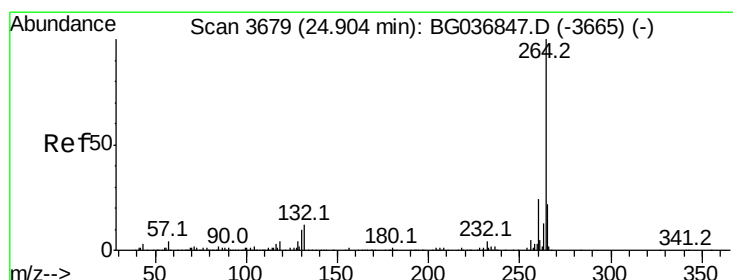
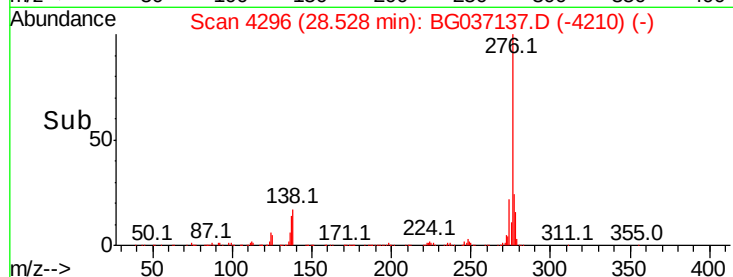
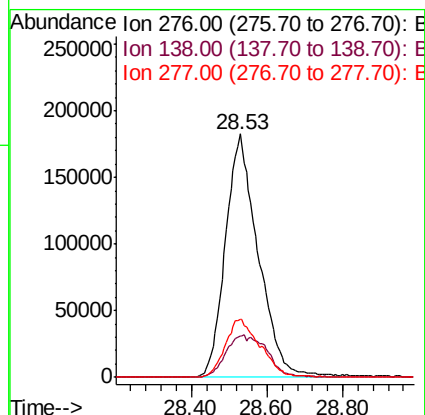
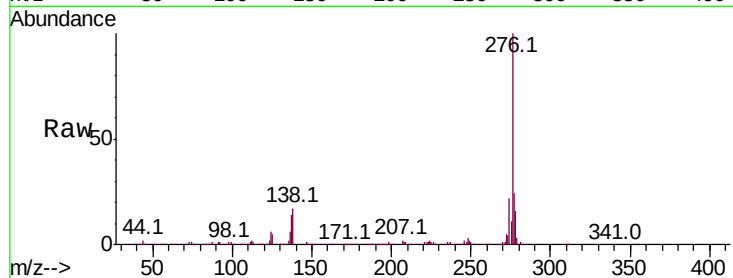
#85
Indeno(1,2,3-cd)pyrene
Concen: 51.538 ng
RT: 28.53 min Scan# 4296
Delta R.T. -0.02 min
Lab File: BG037137.D
Acq: 3 Oct 2018 17:23

Instrument :
BNA_G
ClientSampled :
CG-SOIL-2MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	10.8	10.6	15.8
277	25.4	20.6	30.8

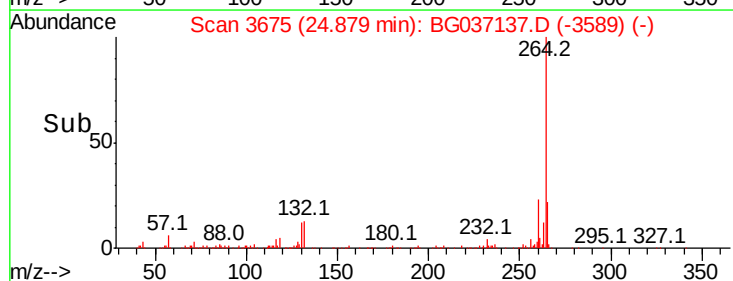
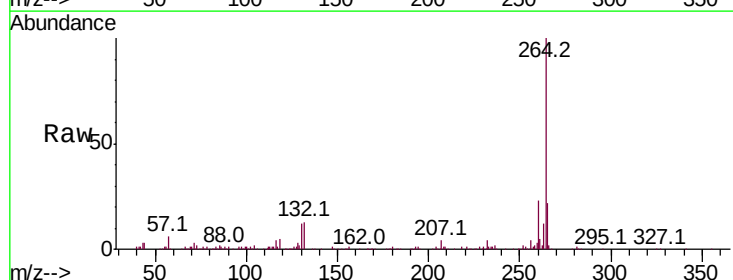
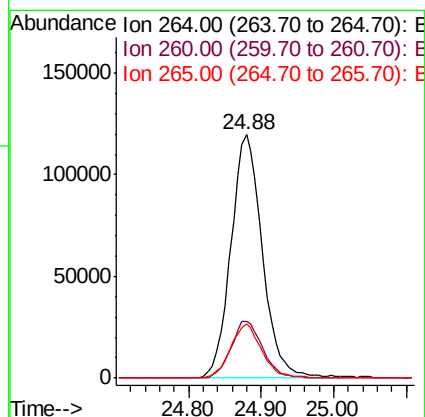
Manual Integrations
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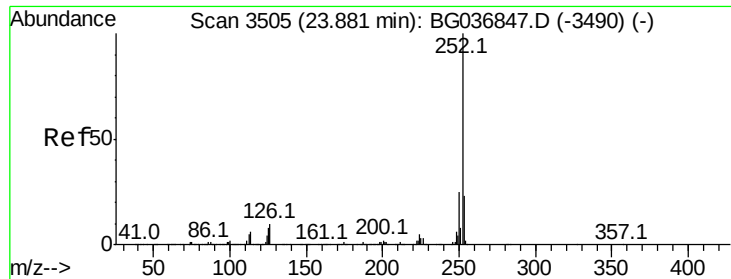
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 24.88 min Scan# 3675
Delta R.T. -0.02 min
Lab File: BG037137.D
Acq: 3 Oct 2018 17:23

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.6	29.4
265	22.0	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 50.386 ng

RT: 23.86 min Scan# 3502

Delta R.T. -0.02 min

Lab File: BG037137.D

Acq: 3 Oct 2018 17:23

Instrument :

BNA_G

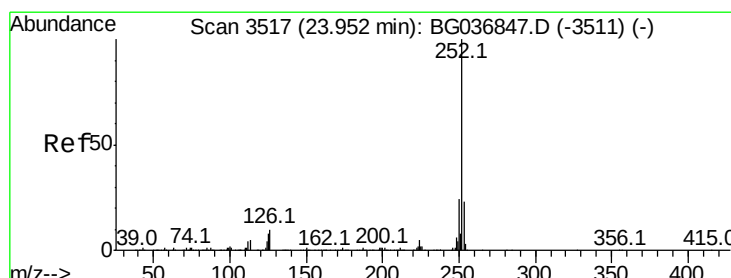
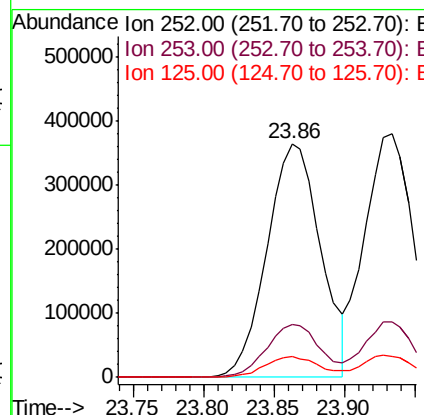
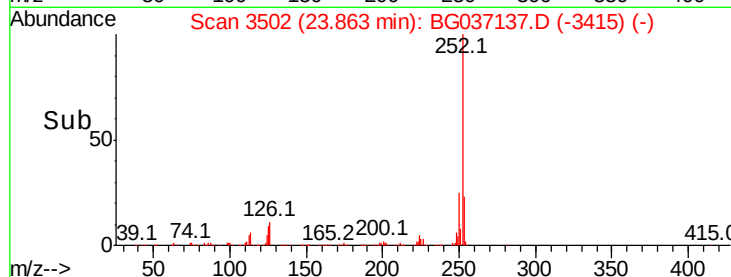
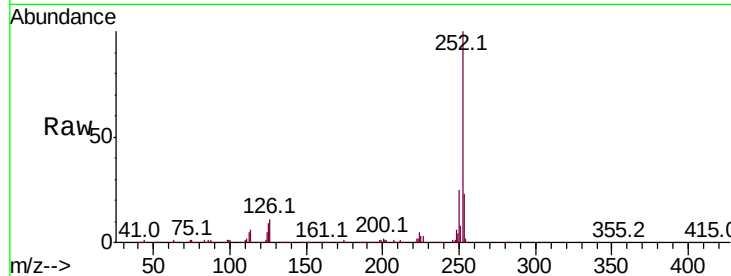
ClientSampleId :

CG-SOIL-2MS

Tot Ion:	252	Resp:	966636
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.1	25.7
125	8.9	6.6	10.0

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 49.321 ng

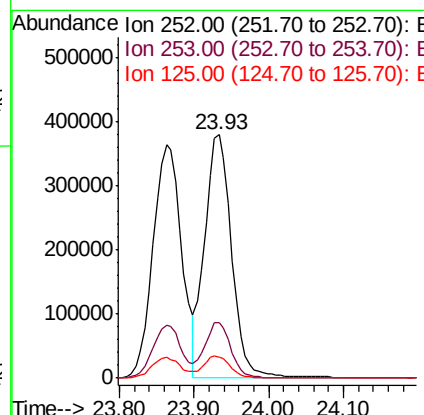
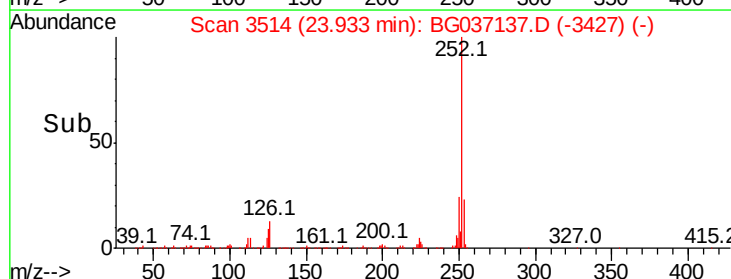
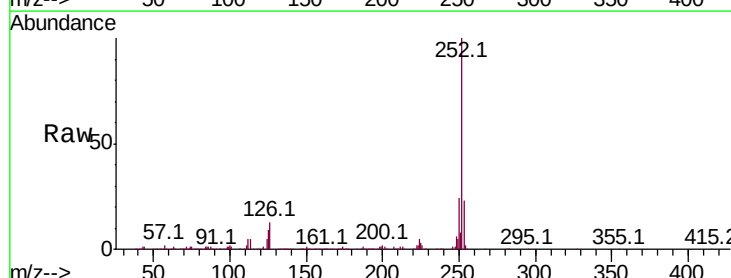
RT: 23.93 min Scan# 3514

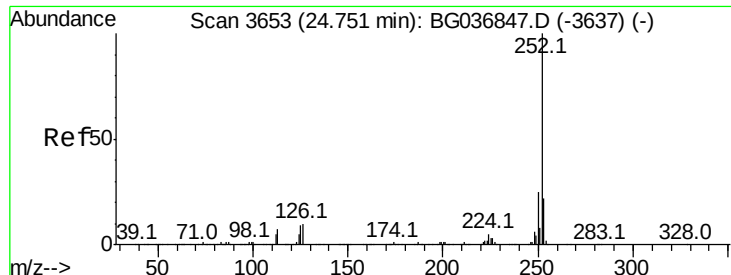
Delta R.T. -0.02 min

Lab File: BG037137.D

Acq: 3 Oct 2018 17:23

Tgt Ion:	252	Resp:	949291
Ion Ratio	Lower	Upper	
252	100		
253	22.9	18.0	27.0
125	8.8	7.0	10.6





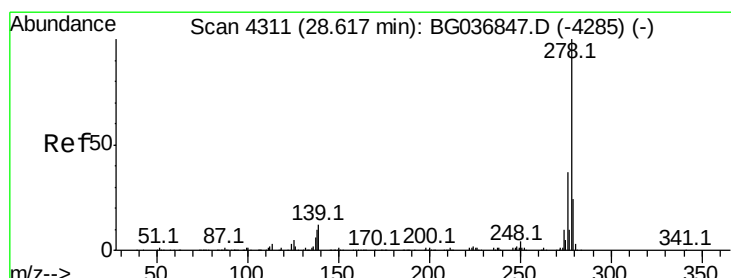
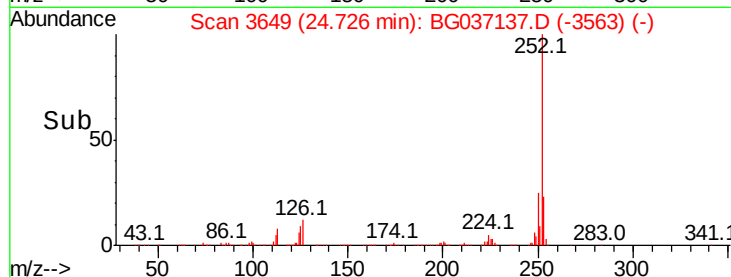
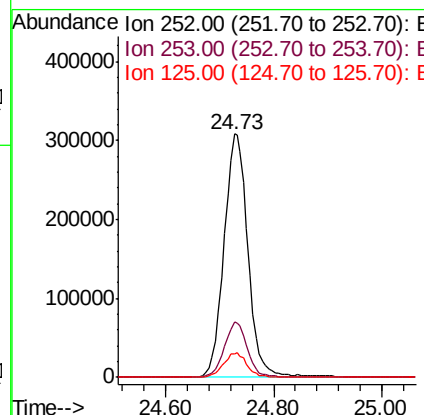
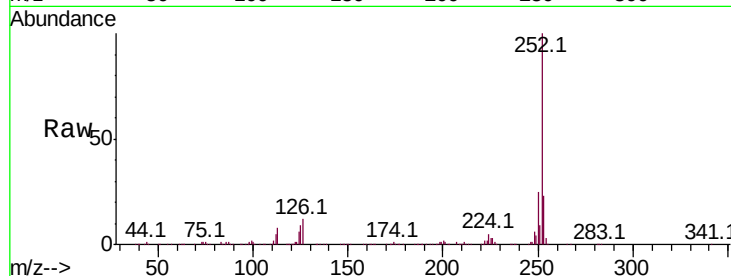
#89
Benzo(a)pyrene
Concen: 51.727 ng
RT: 24.73 min Scan# 3649
Delta R.T. -0.02 min
Lab File: BG037137.D
Acq: 3 Oct 2018 17:23

Instrument :
BNA_G
ClientSampleId :
CG-SOIL-2MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	9.4	7.3	10.9

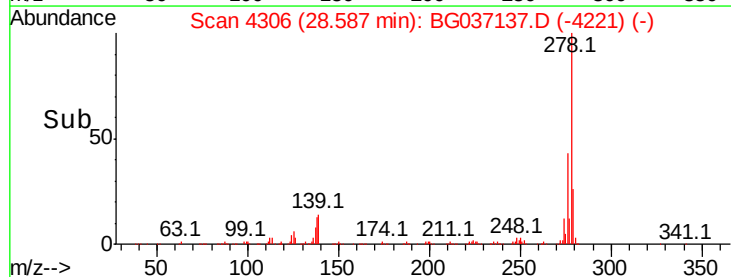
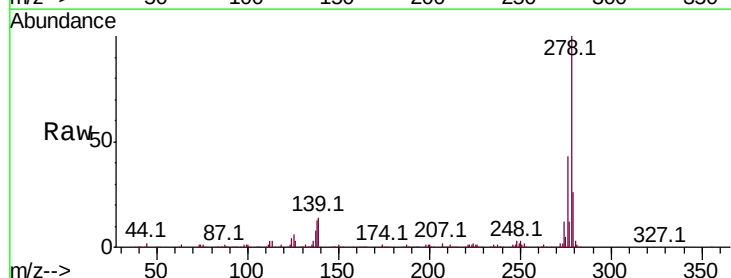
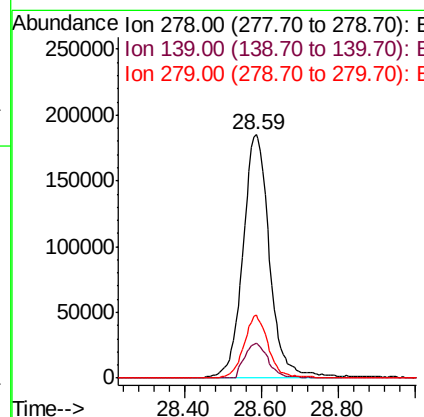
Manual Integrations
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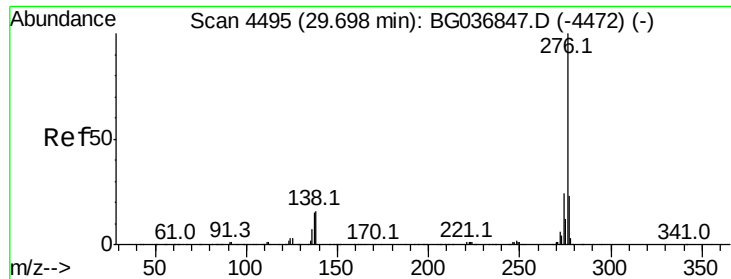
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#90
Dibenzo(a,h)anthracene
Concen: 51.264 ng
RT: 28.59 min Scan# 4306
Delta R.T. -0.03 min
Lab File: BG037137.D
Acq: 3 Oct 2018 17:23

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.4	11.0	16.4
279	25.8	18.7	28.1





#91

Benzo(a,h,i)perylene

Concen: 52.500 ng

RT: 29.66 min Scan# 4489

Delta R.T. -0.04 min

Lab File: BG037137.D

Acq: 3 Oct 2018 17:23

Instrument :

BNA_G

ClientSampled :

CG-SOIL-2MS

Tot Ion:	276	Resp:	915885
Ion Ratio	Lower	Upper	
276	100		
277	24.6	18.4	27.6
138	17.1	14.6	22.0

Manual Integrations
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