

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100118\
 Data File : BG037086.D
 Acq On : 1 Oct 2018 21:33
 Operator : JU/SJ
 Sample : J5170-06MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HC-SOIL-1MS

Manual Integrations
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Sohil
 10/2/2018 5:20:43 PM

Quant Time: Oct 02 06:42:14 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	45321	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	187404	20.00	ng	-0.01
38) Acenaphthene-d10	14.66	164	120810	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	297001	20.00	ng	0.00
75) Chrysene-d12	21.68	240	300450	20.00	ng	-0.01
86) Perylene-d12	24.87	264	313055	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	279049	118.08	ng	0.00
7) Phenol-d6	7.20	99	346699	94.82	ng	-0.01
23) Nitrobenzene-d5	9.20	82	295428	84.42	ng	-0.01
41) 2,4,6-Tribromophenol	16.15	330	171316	118.52	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	613173	75.59	ng	-0.01
78) Terphenyl-d14	20.01	244	1058665	92.65	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	42235	39.057	ng	# 87
3) Pyridine	3.93	79	100934	32.326	ng	94
4) n-Nitrosodimethylamine	3.83	42	65614	47.281	ng	# 94
6) Aniline	7.37	93	91582	19.304	ng	96
8) 2-Chlorophenol	7.61	128	123419	44.978	ng	96
9) Benzaldehyde	7.18	77	60418	25.007	ng	94
10) Phenol	7.23	94	137306	36.387	ng	97
11) bis(2-Chloroethyl)ether	7.46	93	131319	37.622	ng	99
12) 1,3-Dichlorobenzene	7.93	146	128561	38.216	ng	99
13) 1,4-Dichlorobenzene	8.08	146	132851	38.590	ng	99
14) 1,2-Dichlorobenzene	8.39	146	126034	37.778	ng	96
15) Benzyl Alcohol	8.28	79	113784	38.353	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.56	45	271750	40.552	ng	97
17) 2-Methylphenol	8.48	107	104270	39.669	ng	95
18) Hexachloroethane	9.12	117	50297	39.701	ng	100
19) n-Nitroso-di-n-propylamine	8.84	70	112991	37.148	ng	98
20) 3+4-Methylphenols	8.80	107	140917	38.537	ng	99
22) Acetophenone	8.86	105	199980	45.409	ng	# 98
24) Nitrobenzene	9.25	77	165083	44.173	ng	98
25) Isophorone	9.76	82	315717	49.374	ng	98
26) 2-Nitrophenol	9.96	139	67631	45.402	ng	98
27) 2,4-Dimethylphenol	10.01	122	118257	50.964	ng	96
28) bis(2-Chloroethoxy)methane	10.24	93	181114	45.902	ng	99
29) 2,4-Dichlorophenol	10.49	162	125746	46.748	ng	91
30) 1,2,4-Trichlorobenzene	10.70	180	140100	41.620	ng	98
31) Naphthalene	10.89	128	438094	49.131	ng	99
32) Benzoic acid	10.14	122	17707m	14.571	ng	
33) 4-Chloroaniline	11.01	127	17574	4.335	ng	97
34) Hexachlorobutadiene	11.17	225	92940	39.924	ng	97
35) Caprolactam	11.78	113	33519m	30.276	ng	
36) 4-Chloro-3-methylphenol	12.12	107	148053	46.129	ng	99
37) 2-Methylnaphthalene	12.49	142	314230	46.270	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	173058	41.071	ng	99
40) Hexachlorocyclopentadiene	12.84	237	188780	87.112	ng	98

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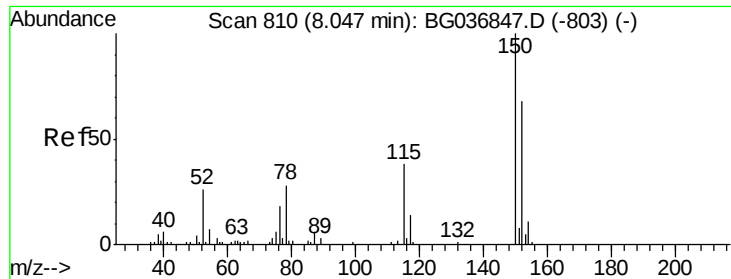
Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	105227	44.972	ng	98
43) 2,4,5-Trichlorophenol	13.18	196	116375	46.643	ng	95
45) 1,1'-Biphenyl	13.50	154	406098	43.891	ng	98
46) 2-Chloronaphthalene	13.54	162	310087	42.617	ng	98
47) 2-Nitroaniline	13.75	65	116153	46.153	ng	95
48) Acenaphthylene	14.39	152	538294	47.211	ng	99
49) Dimethylphthalate	14.12	163	416592	42.840	ng	100
50) 2,6-Dinitrotoluene	14.24	165	91195	42.982	ng	98
51) Acenaphthene	14.73	154	311297	45.174	ng	99
52) 3-Nitroaniline	14.57	138	38597	17.264	ng	91
53) 2,4-Dinitrophenol	14.78	184	29239	34.244	ng	94
54) Dibenzofuran	15.06	168	510779	43.821	ng	100
55) 4-Nitrophenol	14.89	139	99639	69.762	ng	99
56) 2,4-Dinitrotoluene	15.03	165	131066	44.271	ng	94
57) Fluorene	15.71	166	414186	47.542	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.29	232	118952	46.998	ng	97
59) Diethylphthalate	15.48	149	428349	43.673	ng	99
60) 4-Chlorophenyl-phenylether	15.70	204	225974	40.958	ng	99
61) 4-Nitroaniline	15.74	138	98387	41.837	ng	96
62) Azobenzene	16.00	77	444113	47.125	ng	99
64) 4,6-Dinitro-2-methylphenol	15.79	198	47605	30.658	ng	95
65) n-Nitrosodiphenylamine	15.92	169	369070	45.012	ng	99
66) 4-Bromophenyl-phenylether	16.60	248	144927	42.900	ng	95
67) Hexachlorobenzene	16.72	284	144981	41.669	ng	96
68) Atrazine	16.87	200	152612	45.968	ng	98
69) Pentachlorophenol	17.06	266	127938	58.403	ng	99
70) Phenanthrene	17.45	178	686596	47.972	ng	100
71) Anthracene	17.54	178	703689	49.723	ng	100
72) Carbazole	17.81	167	618744	44.842	ng	98
73) Di-n-butylphthalate	18.36	149	727280	47.461	ng	99
74) Fluoranthene	19.46	202	826887	47.997	ng	98
76) Benzidine	19.64	184	120248	13.240	ng	98
77) Pyrene	19.82	202	823459	45.673	ng	100
79) Butylbenzylphthalate	20.70	149	339291	47.213	ng	95
80) Benzo(a)anthracene	21.66	228	815801	46.514	ng	99
81) 3,3'-Dichlorobenzidine	21.57	252	143489	21.494	ng	97
82) Chrysene	21.72	228	778381	45.933	ng	98
83) Bis(2-ethylhexyl)phthalate	21.55	149	470863	46.902	ng	99
84) Di-n-octyl phthalate	22.76	149	802914	48.575	ng	99
85) Indeno(1,2,3-cd)pyrene	28.53	276	903761	49.665	ng	# 79
87) Benzo(b)fluoranthene	23.86	252	815542	48.883	ng	98
88) Benzo(k)fluoranthene	23.93	252	783936	46.836	ng	99
89) Benzo(a)pyrene	24.73	252	776033	48.114	ng	99
90) Dibenzo(a,h)anthracene	28.59	278	729404	48.252	ng	98
91) Benzo(g,h,i)perylene	29.66	276	737889	48.638	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.04 min Scan# 809

Delta R.T. -0.01 min

Lab File: BG037086.D

Acq: 1 Oct 2018 21:33

Instrument :

BNA_G

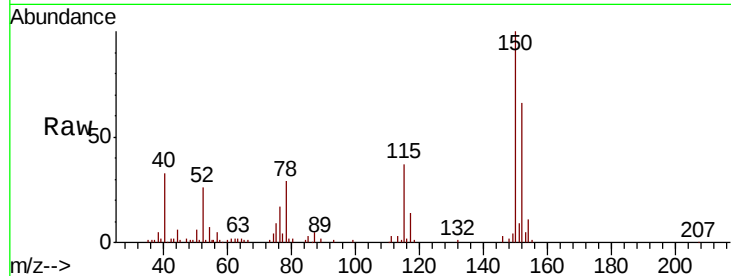
ClientSampled :

HC-SOIL-1MS

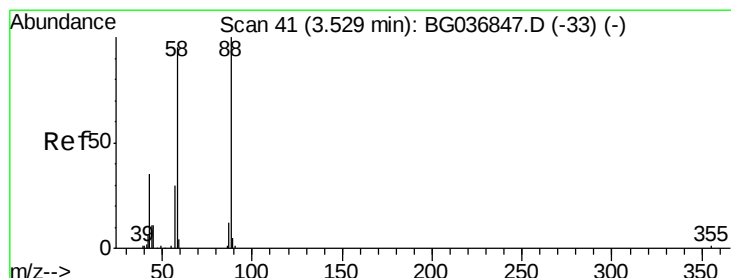
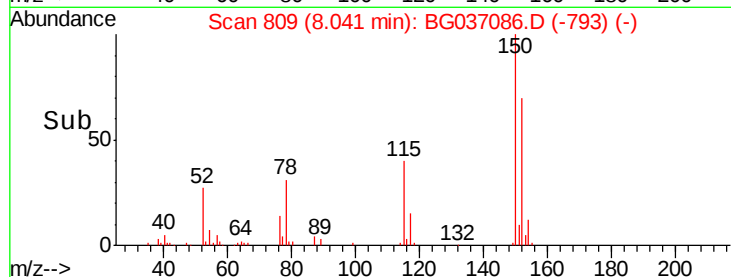
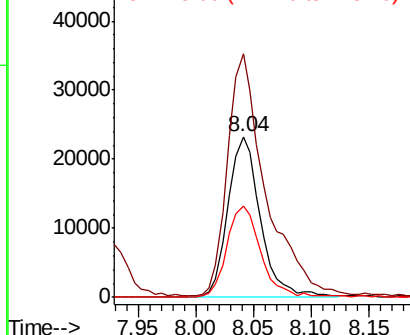
Tot Ion:	152	Resp:	45321
Ion Ratio	Lower	Upper	
152	100		
150	151.4	119.5	179.3
115	56.5	44.5	66.7

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



#2

1,4-Dioxane

Concen: 39.057 ng

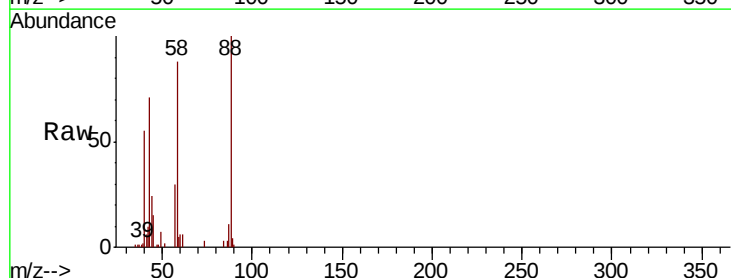
RT: 3.53 min Scan# 41

Delta R.T. -0.00 min

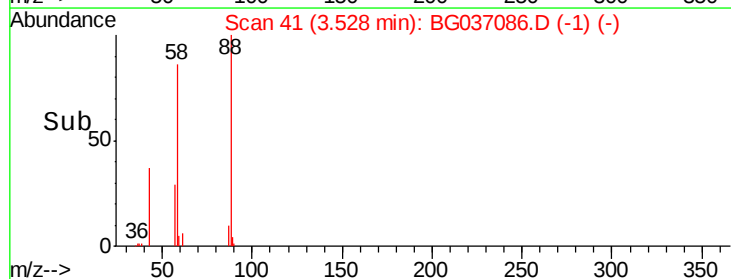
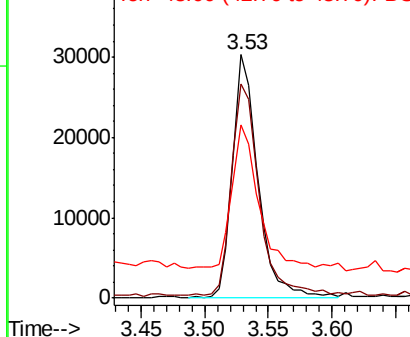
Lab File: BG037086.D

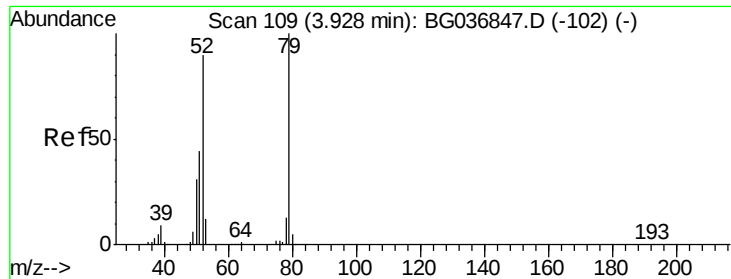
Acq: 1 Oct 2018 21:33

Tgt Ion:	88	Resp:	42235
Ion Ratio	Lower	Upper	
88	100		
58	93.0	72.6	109.0
43	58.8	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: 32.326 ng

RT: 3.93 min Scan# 110

Delta R.T. 0.01 min

Lab File: BG037086.D

Acq: 1 Oct 2018 21:33

Instrument :

BNA_G

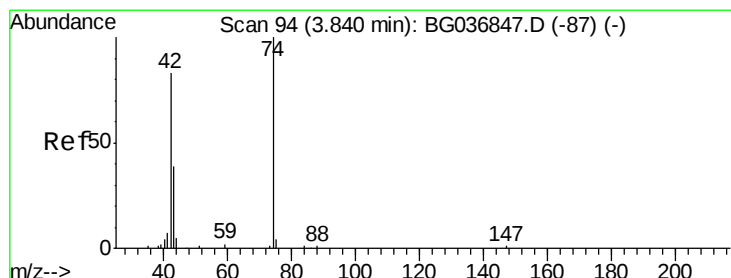
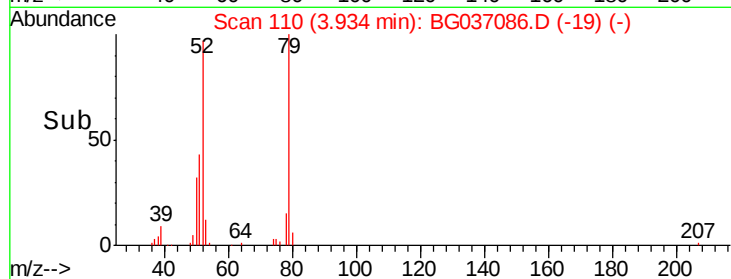
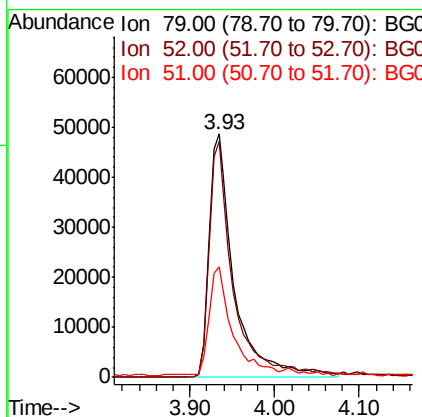
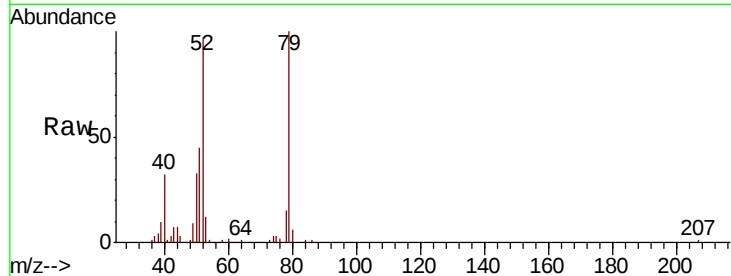
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
79	100		
52	97.2	72.3	108.5
51	45.3	33.8	50.6

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#4

n-Nitrosodimethylamine

Concen: 47.281 ng

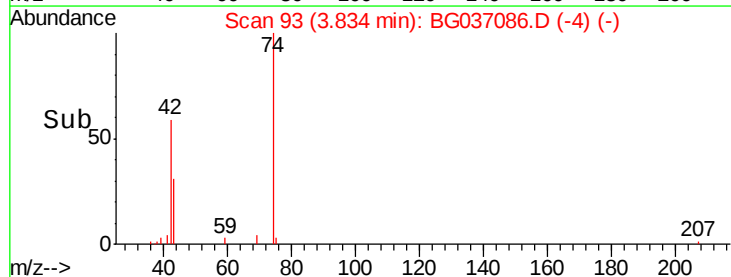
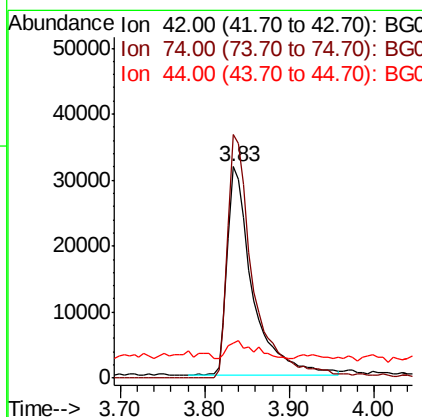
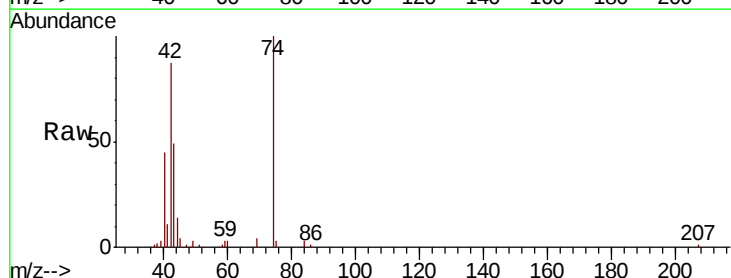
RT: 3.83 min Scan# 93

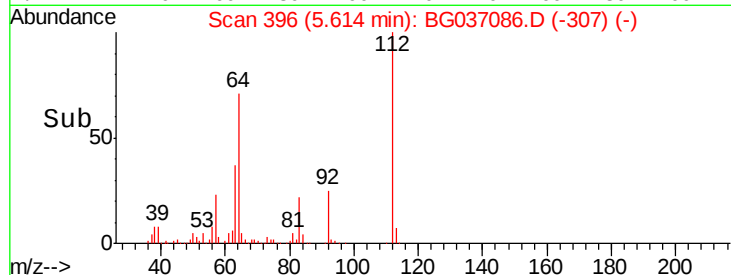
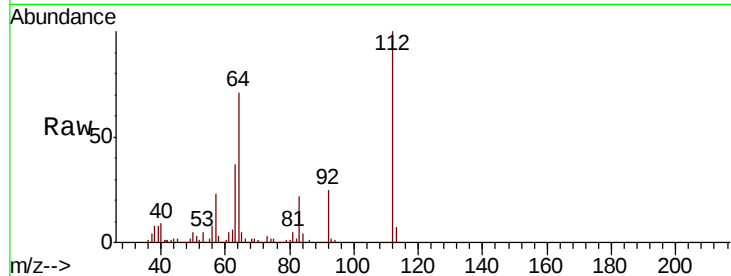
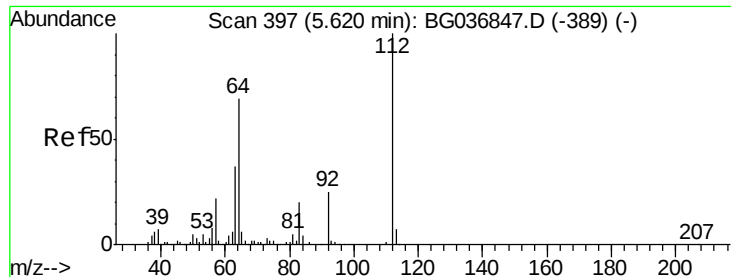
Delta R.T. -0.01 min

Lab File: BG037086.D

Acq: 1 Oct 2018 21:33

Tgt Ion	Ratio	Lower	Upper
42	100		
74	115.3	96.6	145.0
44	16.4	7.0	10.4





#5

2-Fluorophenol

Concen: 118.081 ng

RT: 5.61 min Scan# 396

Delta R.T. -0.01 min

Lab File: BG037086.D

Acq: 1 Oct 2018 21:33

Tot Ion	Ratio	Resp	Lower	Upper
112	100	279049		
64	70.6		57.2	85.8
63	37.5		30.8	46.2

Instrument :

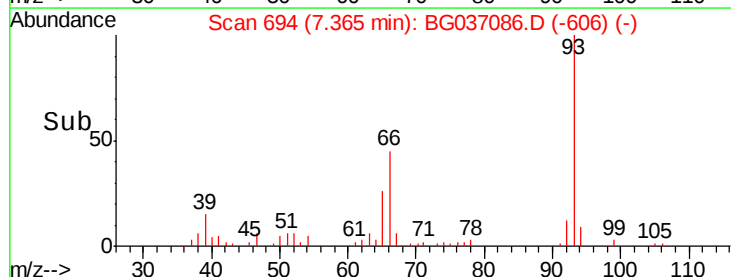
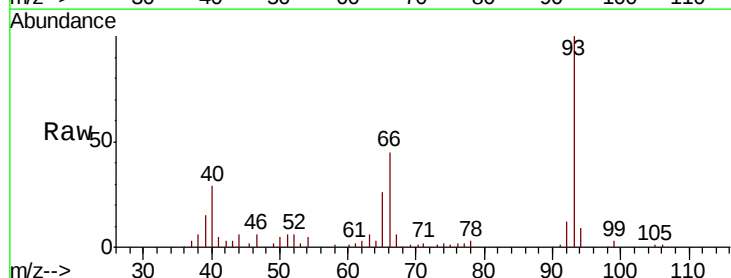
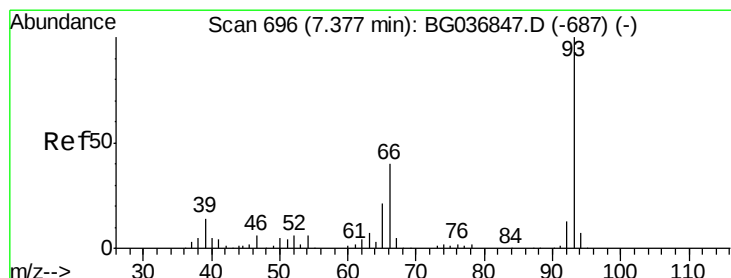
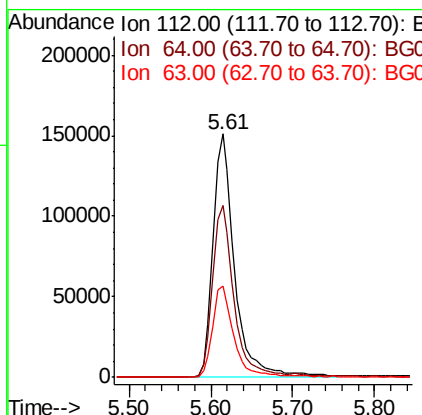
BNA_G

ClientSampleId :

HC-SOIL-1MS

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#6

Aniline

Concen: 19.304 ng

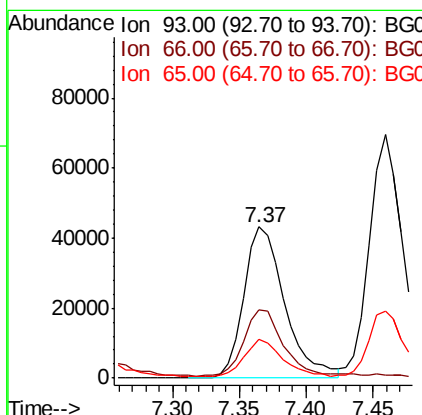
RT: 7.37 min Scan# 694

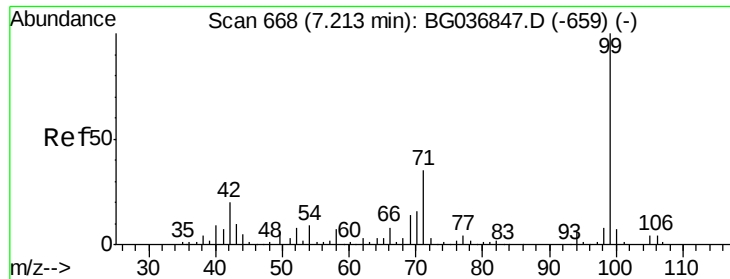
Delta R.T. -0.01 min

Lab File: BG037086.D

Acq: 1 Oct 2018 21:33

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	91582		
66	45.3		35.0	52.4
65	25.5		17.6	26.4





#7

Phenol-d6

Concen: 94.823 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG037086.D

Acq: 1 Oct 2018 21:33

Instrument :

BNA_G

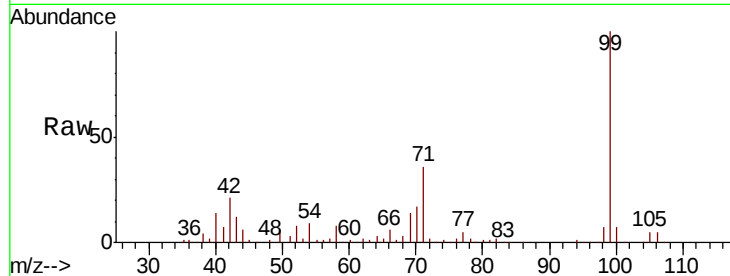
ClientSampleId :

HC-SOIL-1MS

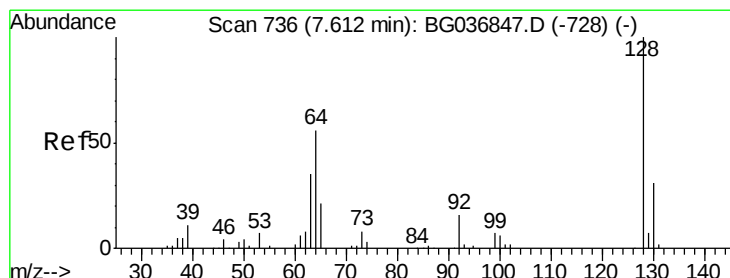
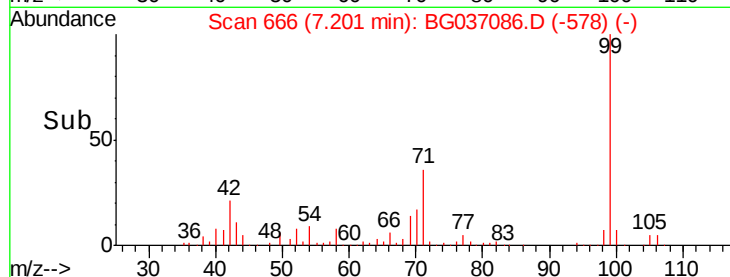
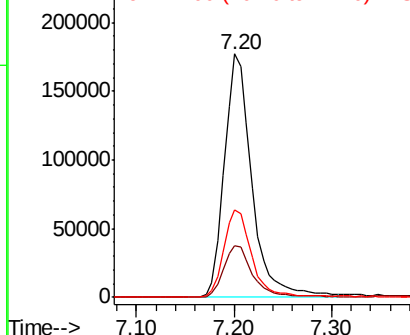
Tot Ion:	99	Resp:	346699
Ion	Ratio	Lower	Upper
99	100		
42	21.2	16.5	24.7
71	35.9	29.4	44.2

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



#8

2-Chlorophenol

Concen: 44.978 ng

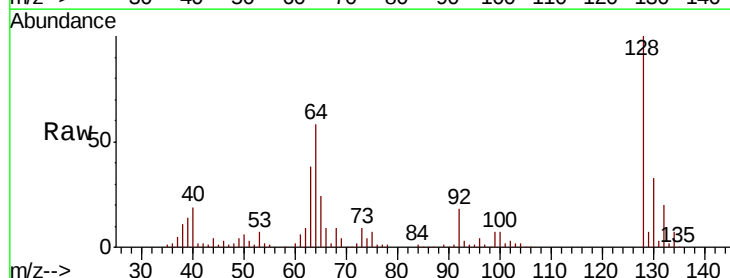
RT: 7.61 min Scan# 735

Delta R.T. -0.01 min

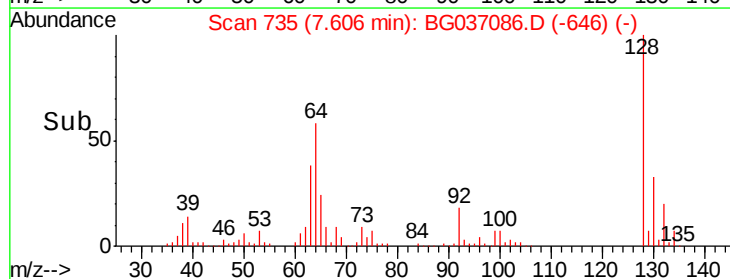
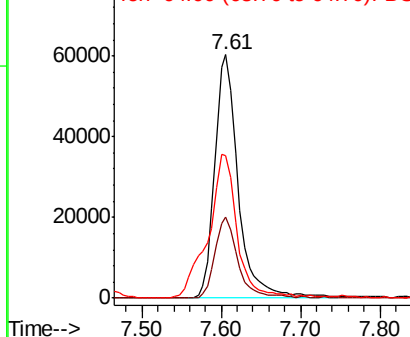
Lab File: BG037086.D

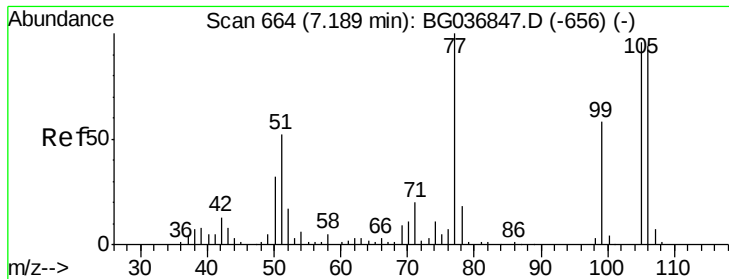
Acq: 1 Oct 2018 21:33

Tgt Ion:	128	Resp:	123419
Ion	Ratio	Lower	Upper
128	100		
130	33.3	10.0	50.0
64	58.4	36.0	76.0



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





#9

Benzaldehyde

Concen: 25.007 ng

RT: 7.18 min Scan# 662

Delta R.T. -0.01 min

Lab File: BG037086.D

Acq: 1 Oct 2018 21:33

Instrument :

BNA_G

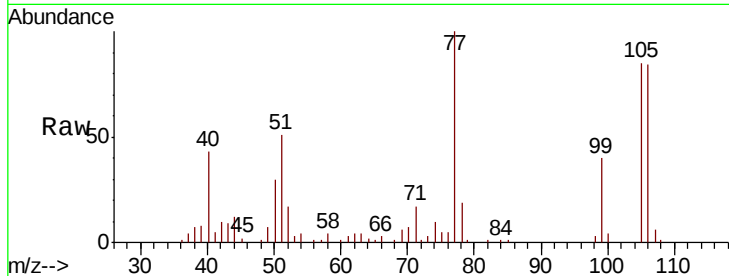
ClientSampleId :

HC-SOIL-1MS

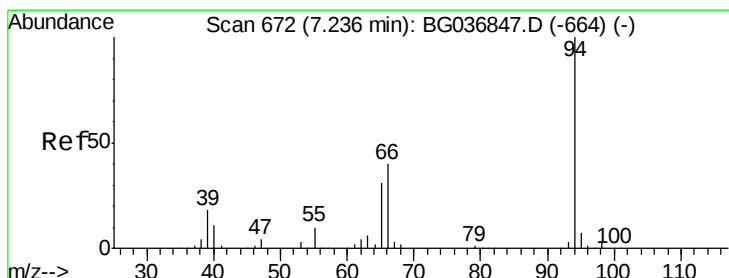
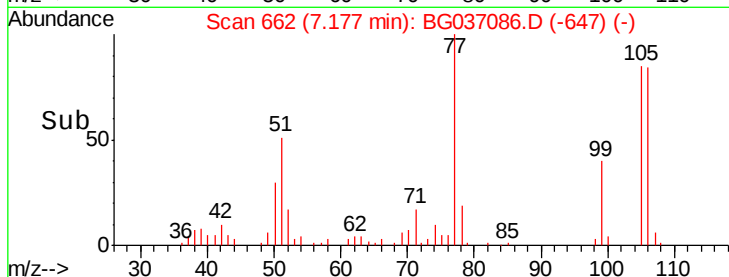
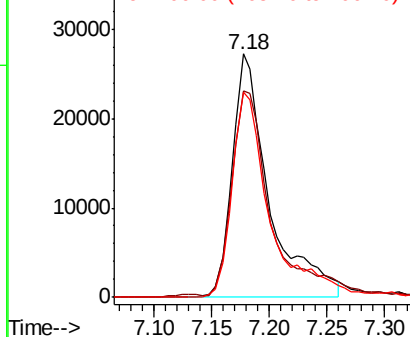
Tot Ion:	77	Resp:	60418
Ion	Ratio	Lower	Upper
77	100		
105	84.8	70.5	110.5
106	84.2	69.8	109.8

Manual Integrations
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 36.387 ng

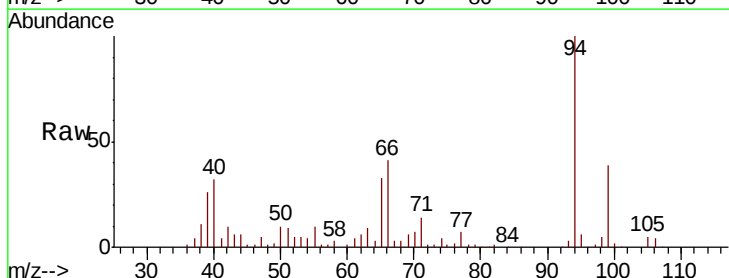
RT: 7.23 min Scan# 671

Delta R.T. -0.01 min

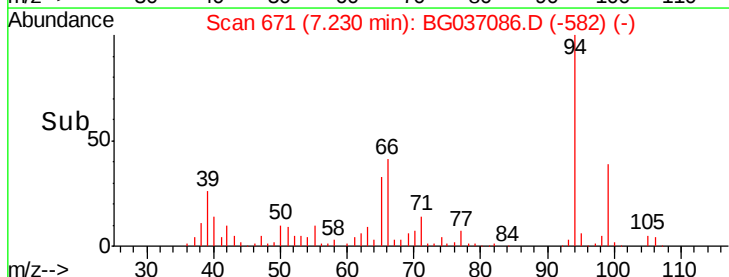
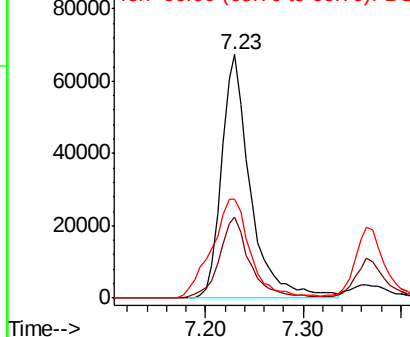
Lab File: BG037086.D

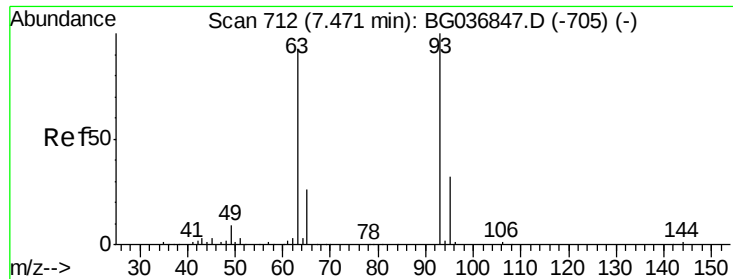
Acq: 1 Oct 2018 21:33

Tgt Ion:	94	Resp:	137306
Ion	Ratio	Lower	Upper
94	100		
65	33.3	11.5	51.5
66	40.7	19.5	59.5



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





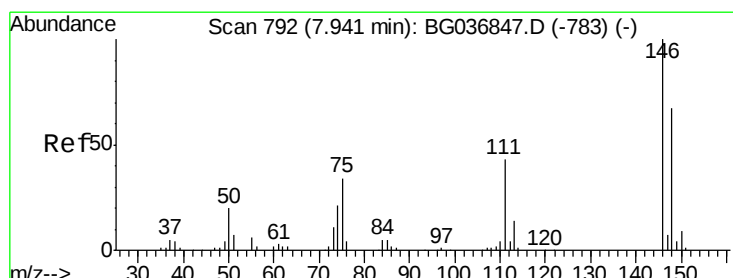
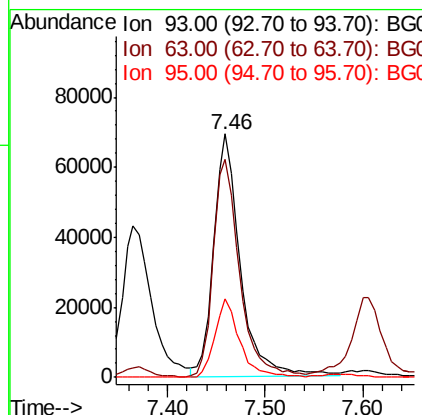
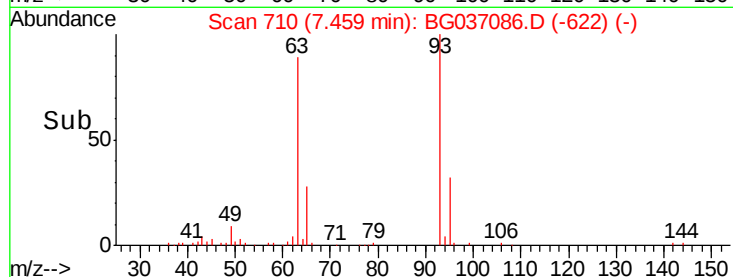
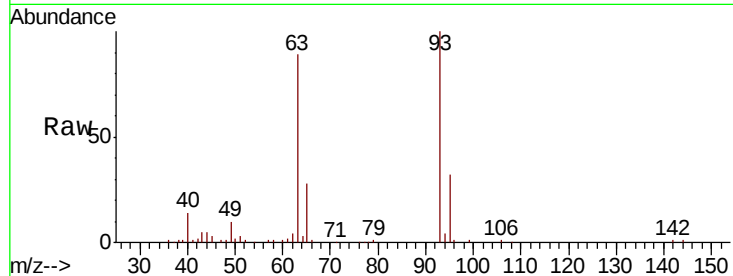
#11
bis(2-Chloroethyl)ether
Concen: 37.622 ng
RT: 7.46 min Scan# 710
Delta R.T. -0.01 min
Lab File: BG037086.D
Acq: 1 Oct 2018 21:33

Instrument :
BNA_G
ClientSampleId :
HC-SOIL-1MS

Tot Ion:	93	Resp:	131319
Ion	Ratio	Lower	Upper
93	100		
63	89.4	69.9	109.9
95	32.3	11.7	51.7

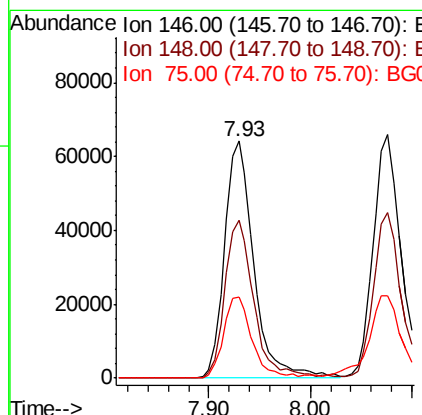
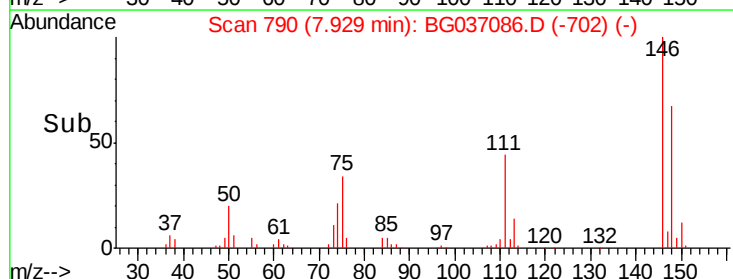
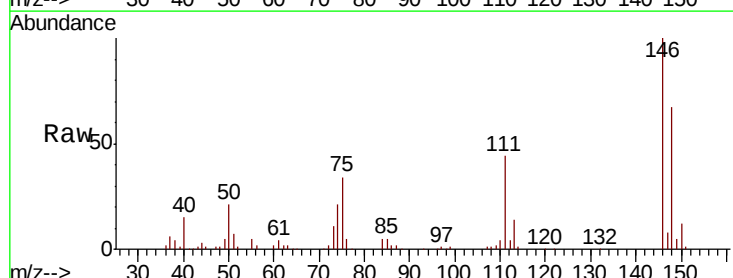
Manual Integrations
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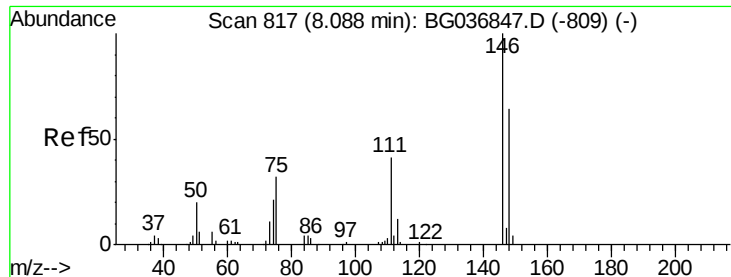
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#12
1,3-Dichlorobenzene
Concen: 38.216 ng
RT: 7.93 min Scan# 790
Delta R.T. -0.01 min
Lab File: BG037086.D
Acq: 1 Oct 2018 21:33

Tgt Ion:	146	Resp:	128561
Ion	Ratio	Lower	Upper
146	100		
148	66.7	53.8	80.6
75	34.3	27.2	40.8





#13

1,4-Dichlorobenzene

Concen: 38.590 ng

RT: 8.08 min Scan# 815

Delta R.T. -0.01 min

Lab File: BG037086.D

Acq: 1 Oct 2018 21:33

Instrument :

BNA_G

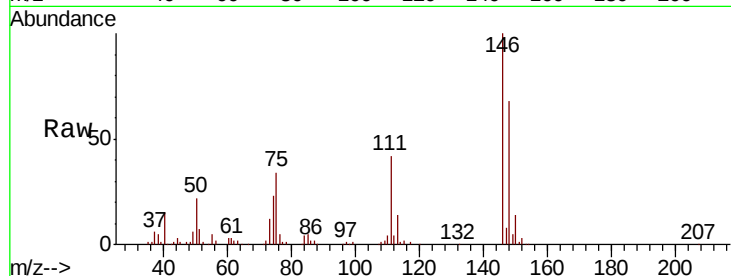
ClientSampled :

HC-SOIL-1MS

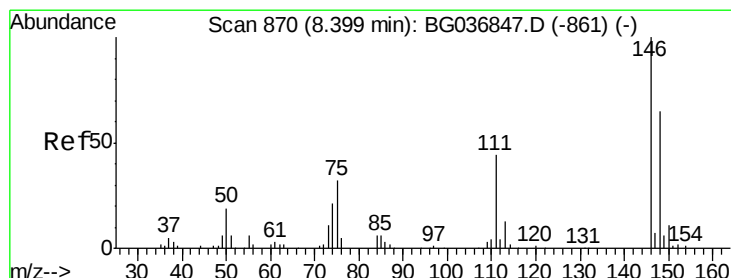
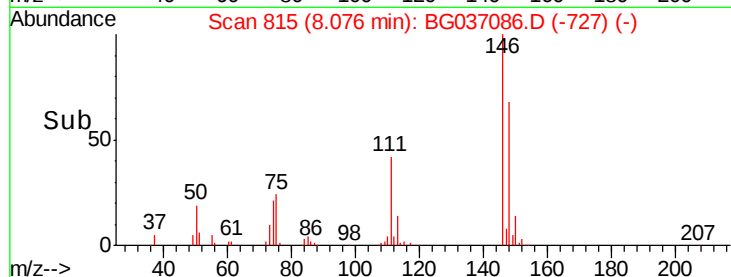
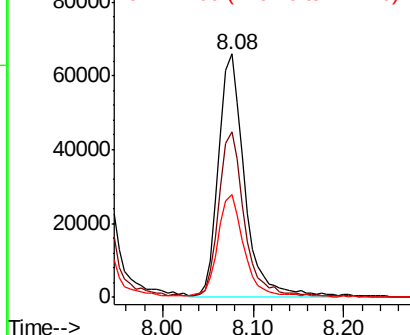
Tot Ion:	146	Resp:	132851
Ion Ratio	Lower	Upper	
146	100		
148	68.2	53.9	80.9
111	42.1	33.8	50.6

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



#14

1,2-Dichlorobenzene

Concen: 37.778 ng

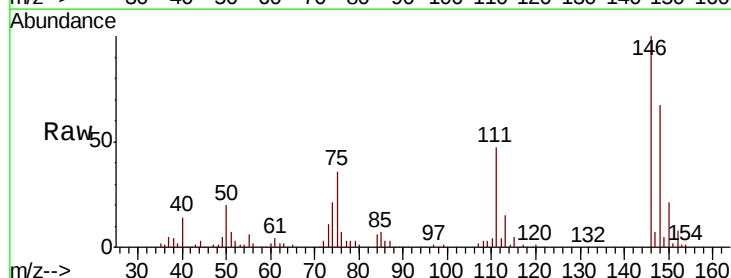
RT: 8.39 min Scan# 869

Delta R.T. -0.01 min

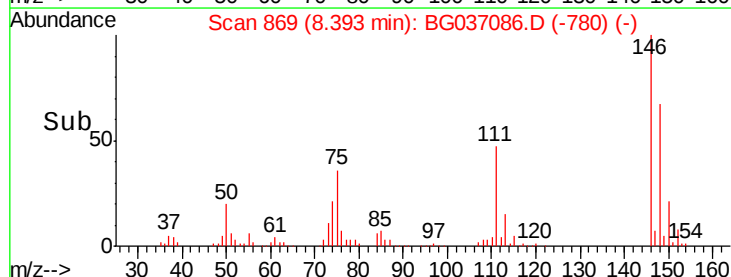
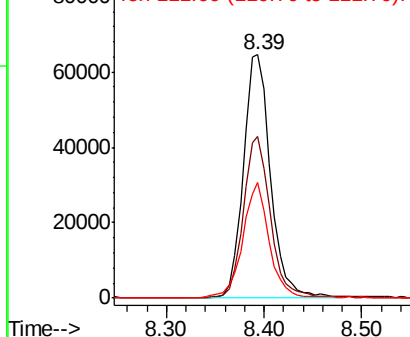
Lab File: BG037086.D

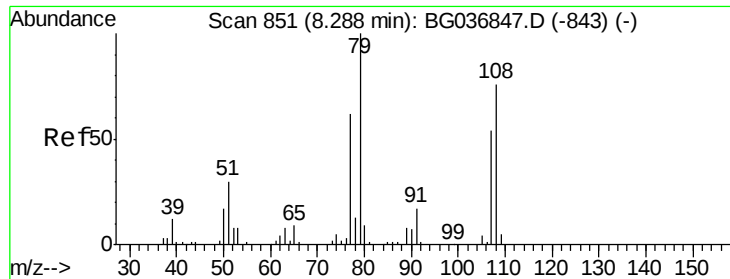
Acq: 1 Oct 2018 21:33

Tgt Ion:	146	Resp:	126034
Ion Ratio	Lower	Upper	
146	100		
148	66.5	55.0	82.6
111	47.2	34.6	51.8



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





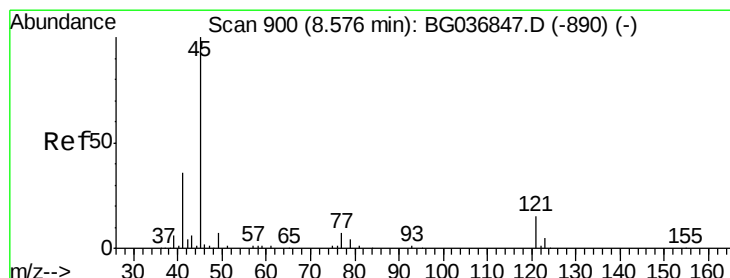
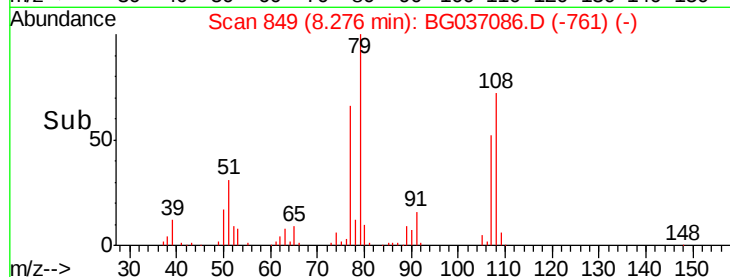
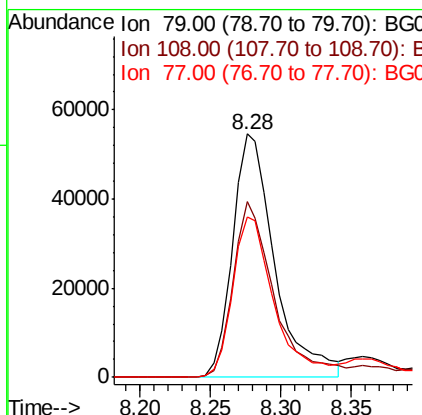
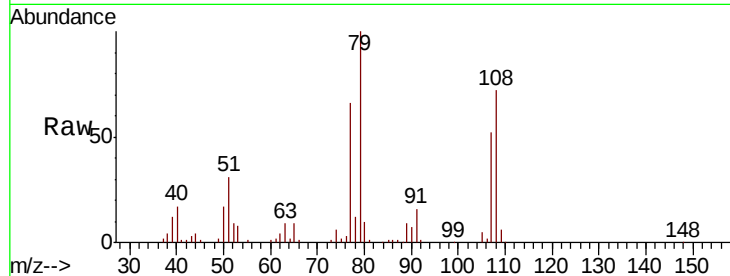
#15
Benzyl Alcohol
Concen: 38.353 ng
RT: 8.28 min Scan# 849
Delta R.T. -0.01 min
Lab File: BG037086.D
Acq: 1 Oct 2018 21:33

Instrument :
BNA_G
ClientSampleId :
HC-SOIL-1MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	72.2	55.9	83.9
77	65.7	50.0	75.0

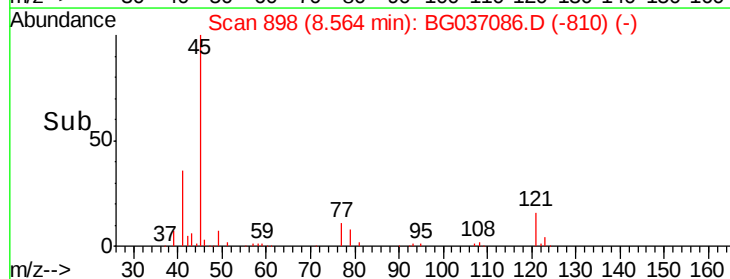
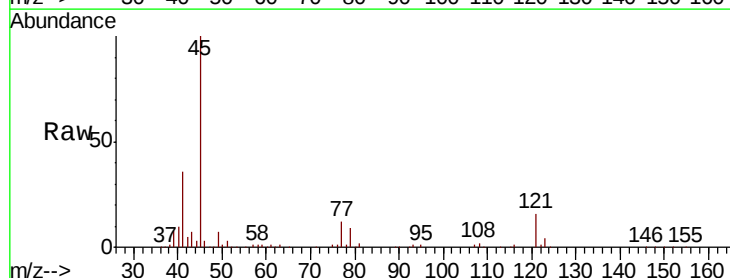
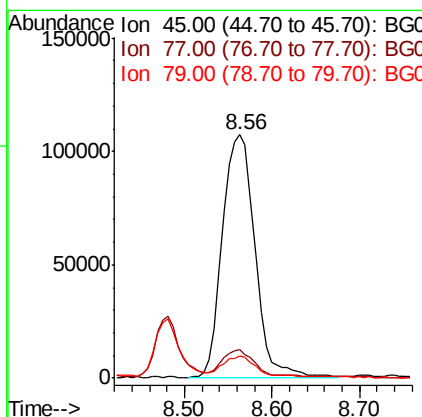
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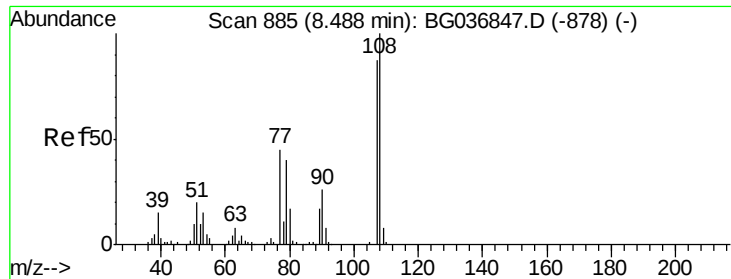
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#16
2,2'-oxybis(1-chloropropane)
Concen: 40.552 ng
RT: 8.56 min Scan# 898
Delta R.T. -0.01 min
Lab File: BG037086.D
Acq: 1 Oct 2018 21:33

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.9	0.0	30.5
79	8.9	0.0	27.9





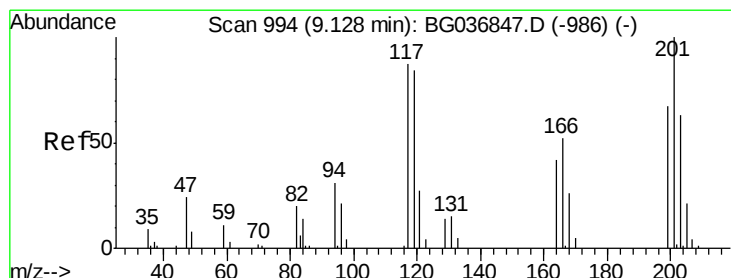
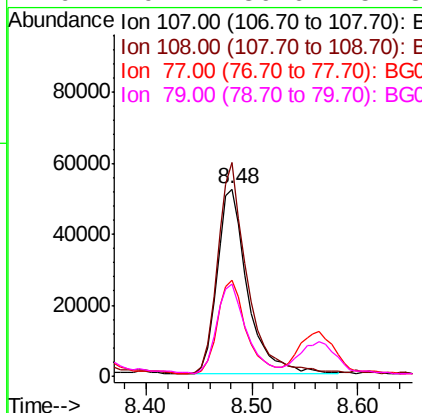
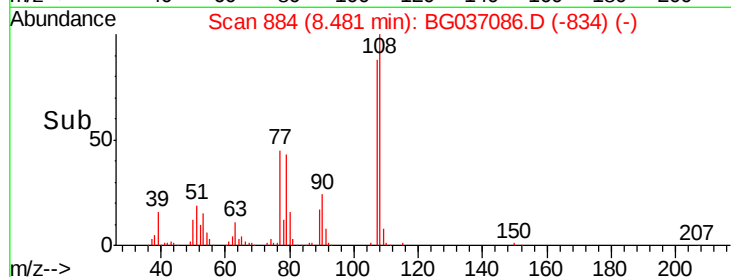
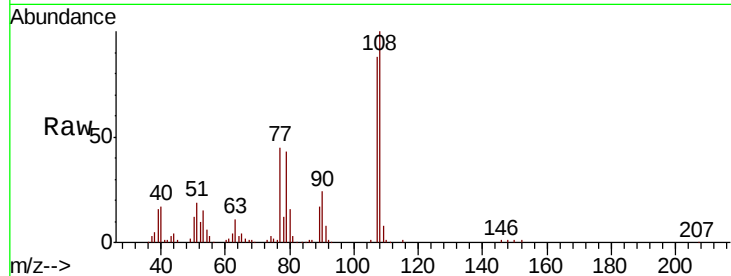
#17
2-Methylphenol
Concen: 39.669 ng
RT: 8.48 min Scan# 884
Delta R.T. -0.01 min
Lab File: BG037086.D
Acq: 1 Oct 2018 21:33

Instrument :
BNA_G
ClientSampleId :
HC-SOIL-1MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.0	86.7	130.1	
77	51.4	39.0	58.4	
79	49.1	36.6	54.8	

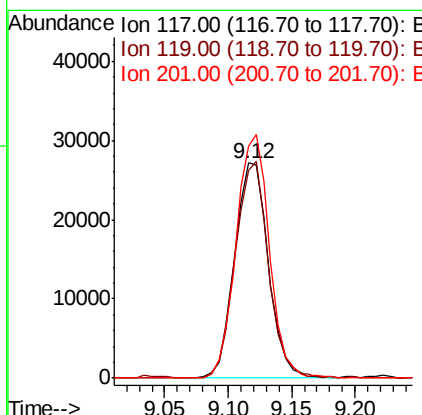
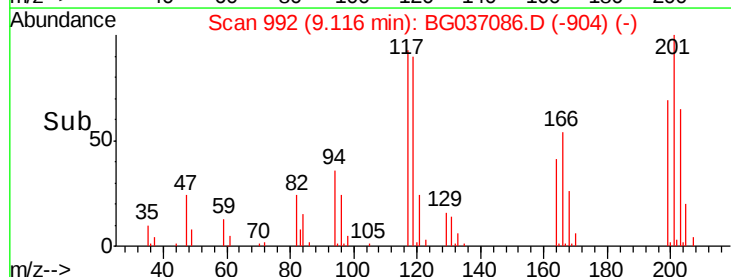
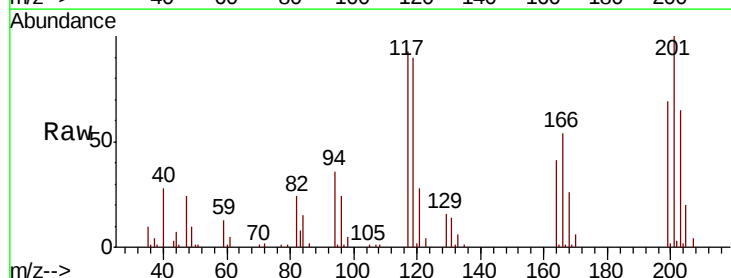
Manual Integrations
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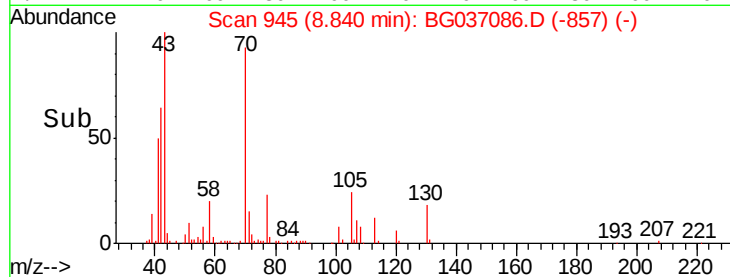
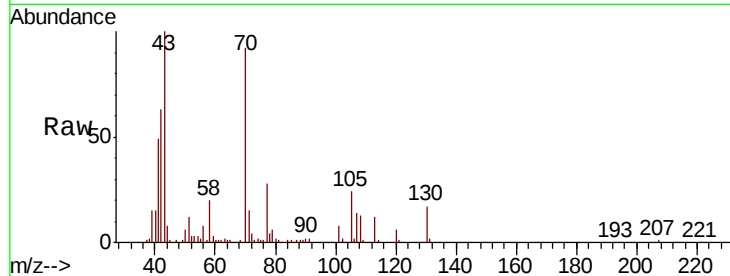
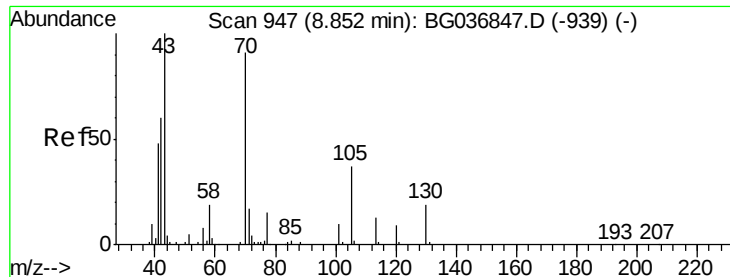
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#18
Hexachloroethane
Concen: 39.701 ng
RT: 9.12 min Scan# 992
Delta R.T. -0.01 min
Lab File: BG037086.D
Acq: 1 Oct 2018 21:33

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.6	76.8	115.2	
201	107.5	85.7	128.5	





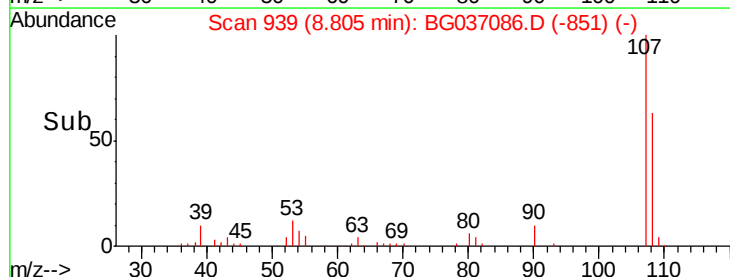
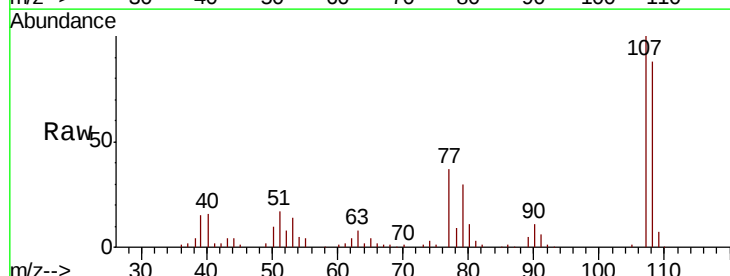
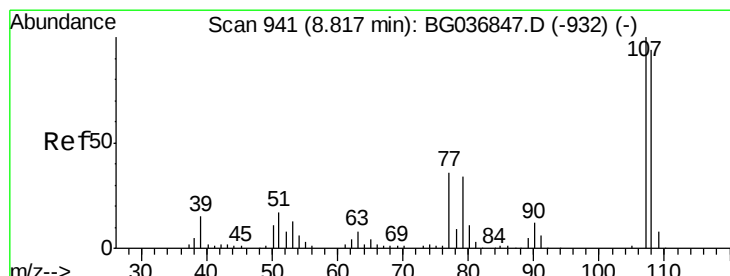
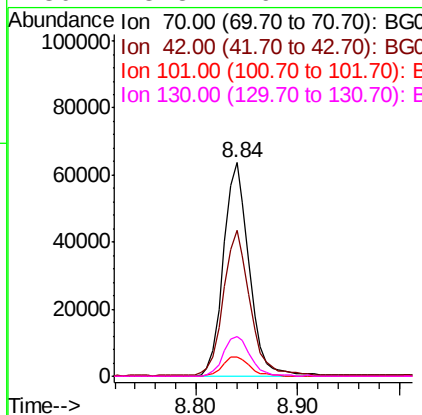
#19
n-Nitroso-di-n-propylamine
Concen: 37.148 ng
RT: 8.84 min Scan# 945
Delta R.T. -0.01 min
Lab File: BG037086.D
Acq: 1 Oct 2018 21:33

Instrument :
BNA_G
ClientSampleId :
HC-SOIL-1MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	68.6	56.2	84.4	
101	8.9	7.8	11.6	
130	18.8	16.2	24.2	

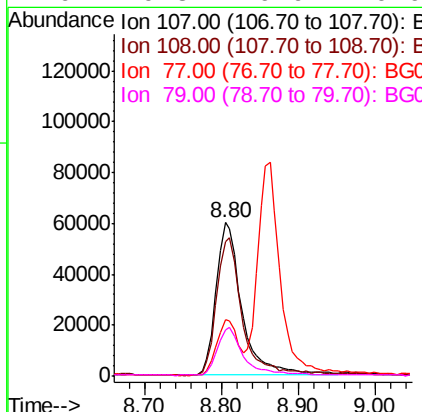
Manual Integrations
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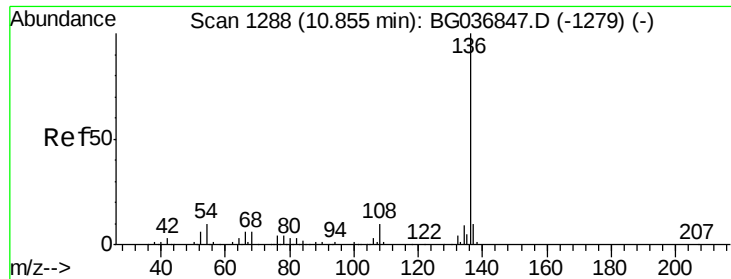
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#20
3+4-Methylphenols
Concen: 38.537 ng
RT: 8.80 min Scan# 939
Delta R.T. -0.01 min
Lab File: BG037086.D
Acq: 1 Oct 2018 21:33

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.5	68.0	108.0	
77	37.1	15.6	55.6	
79	29.8	9.9	49.9	





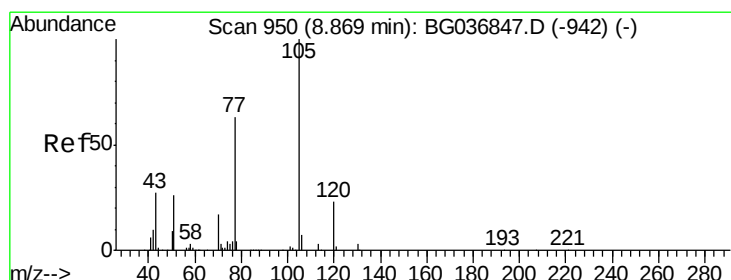
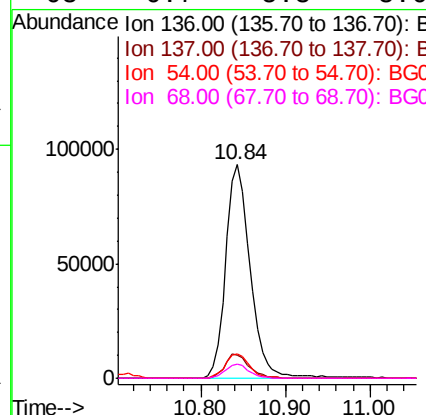
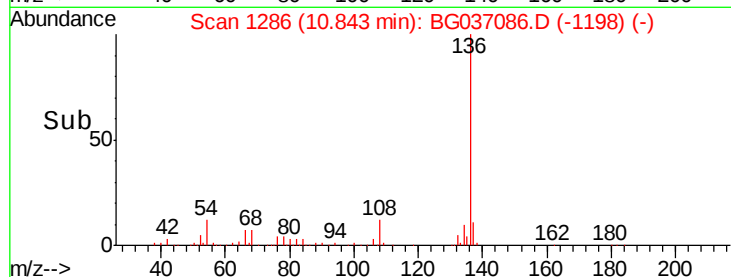
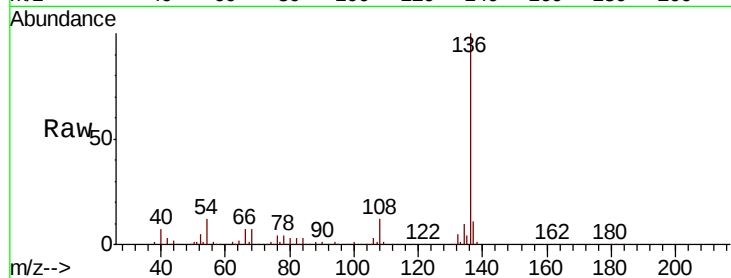
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BG037086.D
Acq: 1 Oct 2018 21:33

Instrument :
BNA_G
ClientSampled :
HC-SOIL-1MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		187404		
137	10.7		8.8	13.2	
54	11.6		9.2	13.8	
68	6.7		5.8	8.6	

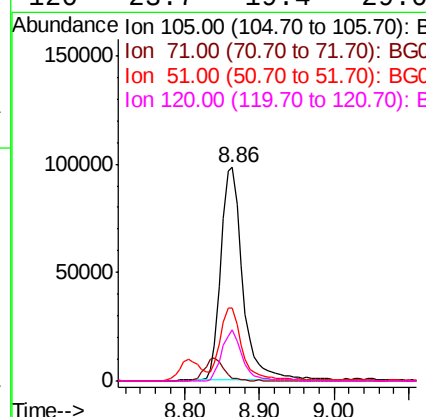
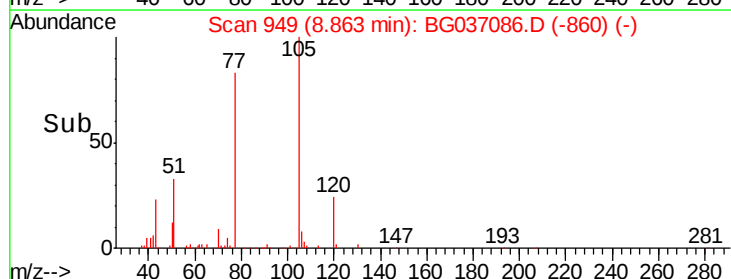
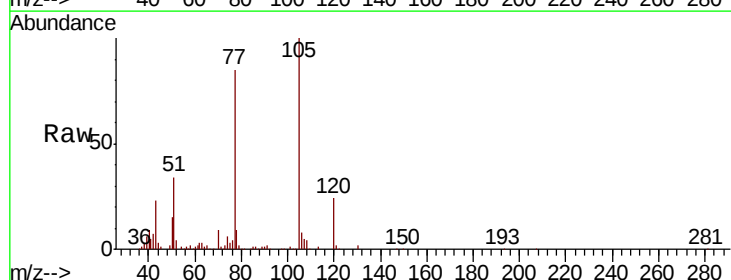
Manual Integrations
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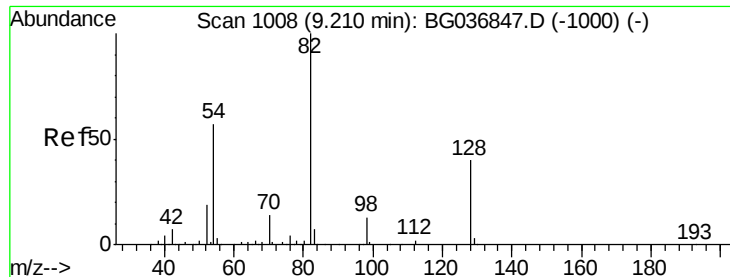
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#22
Acetophenone
Concen: 45.409 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.01 min
Lab File: BG037086.D
Acq: 1 Oct 2018 21:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		199980		
71	1.3		2.4	3.6#	
51	33.9		25.9	38.9	
120	23.7		19.4	29.0	





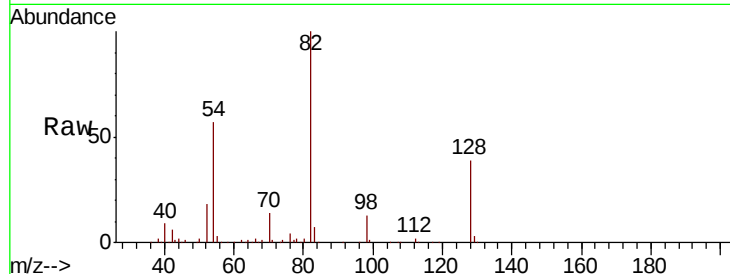
#23
Nitrobenzene-d5
Concen: 84.419 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG037086.D
Acq: 1 Oct 2018 21:33

Instrument :
BNA_G
ClientSampleId :
HC-SOIL-1MS

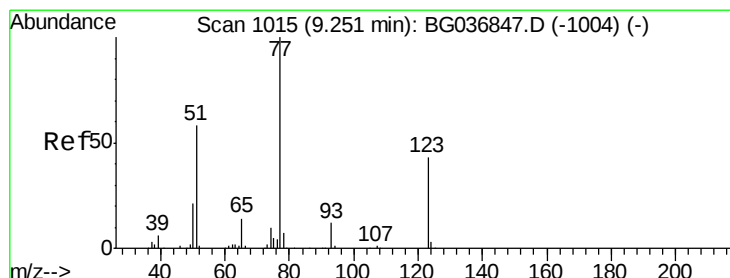
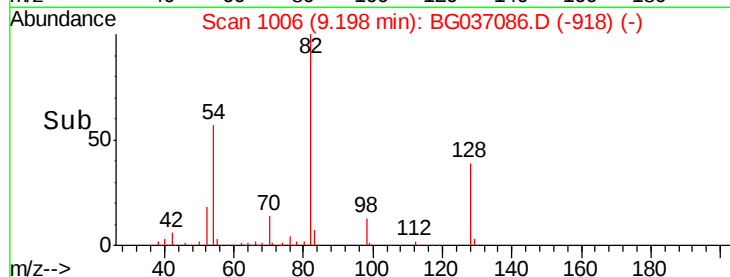
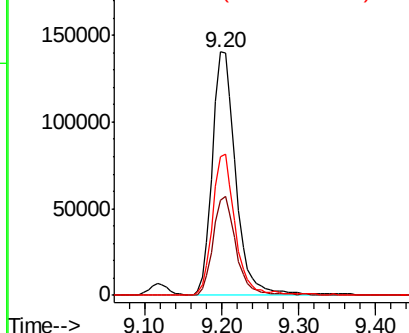
Tot Ion	Ratio	Resp	Lower	Upper
82	100	295428		
128	39.1	33.3	49.9	
54	57.1	45.1	67.7	

Manual Integrations
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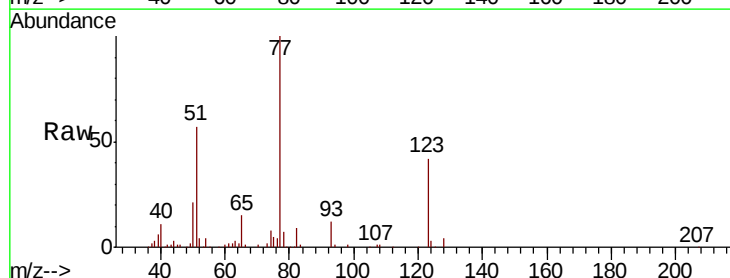


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

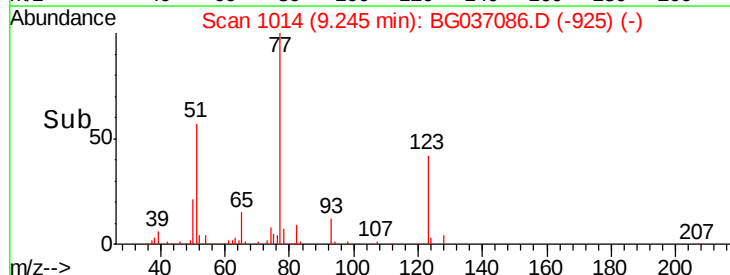
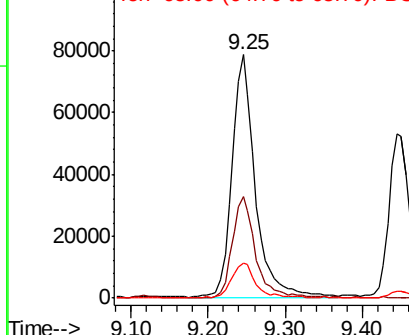


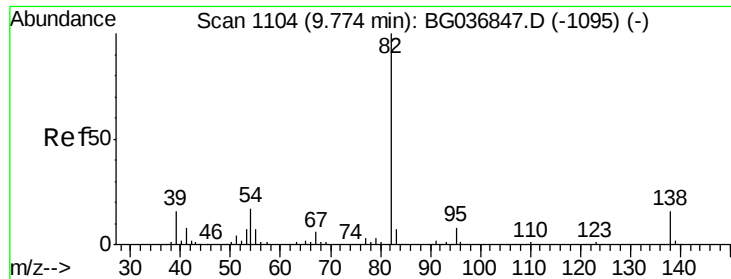
#24
Nitrobenzene
Concen: 44.173 ng
RT: 9.25 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BG037086.D
Acq: 1 Oct 2018 21:33

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	165083		
123	41.8	32.4	48.6	
65	14.5	11.5	17.3	



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





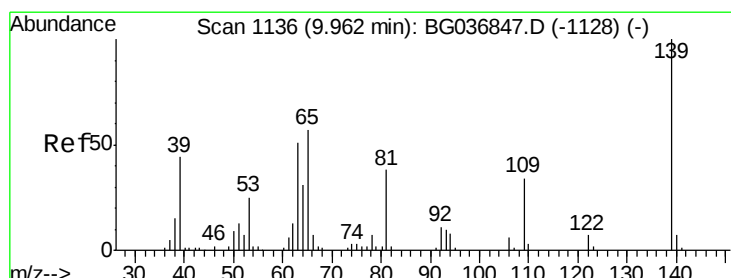
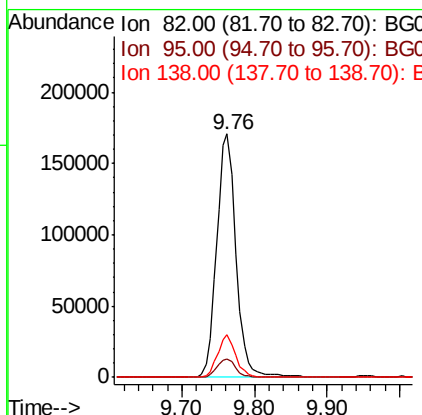
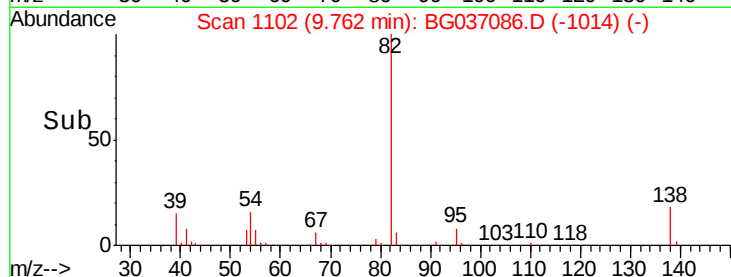
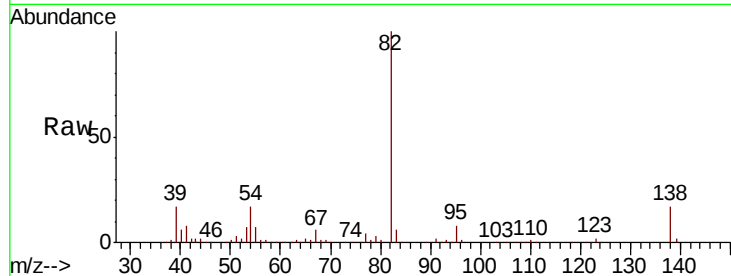
#25
Isophorone
Concen: 49.374 ng
RT: 9.76 min Scan# 1102
Delta R.T. -0.01 min
Lab File: BG037086.D
Acq: 1 Oct 2018 21:33

Instrument :
BNA_G
ClientSampleId :
HC-SOIL-1MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.6	5.8	8.8	
138	17.3	12.9	19.3	

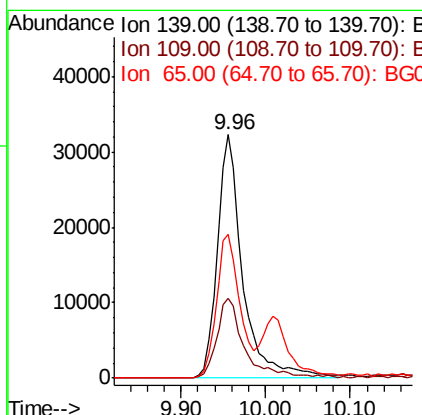
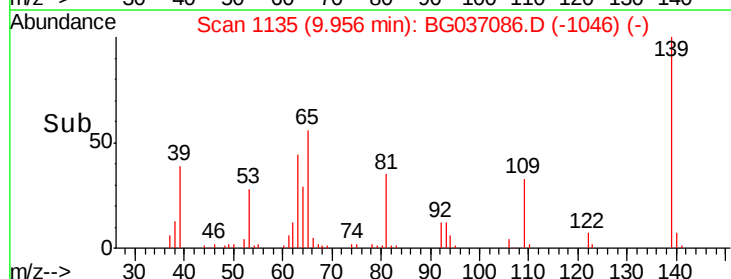
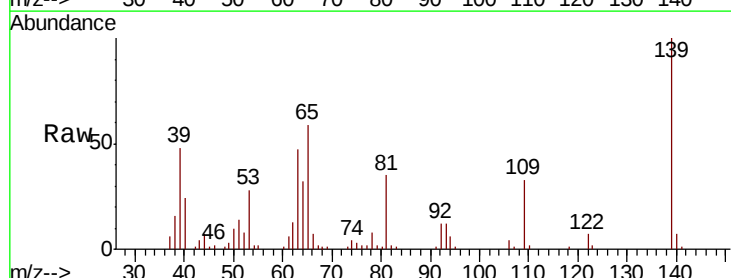
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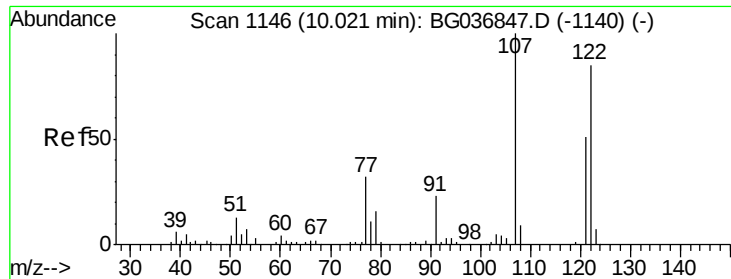
Sohil
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#26
2-Nitrophenol
Concen: 45.402 ng
RT: 9.96 min Scan# 1135
Delta R.T. -0.01 min
Lab File: BG037086.D
Acq: 1 Oct 2018 21:33

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	32.6	27.4	41.0	
65	59.1	47.8	71.6	





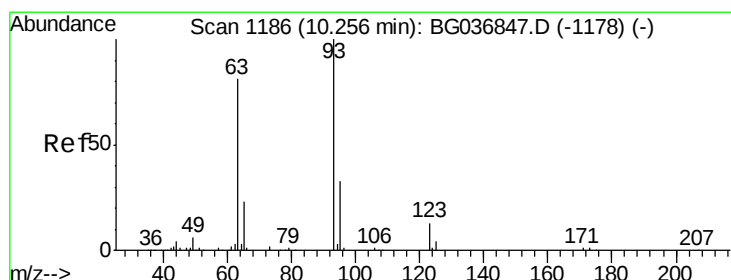
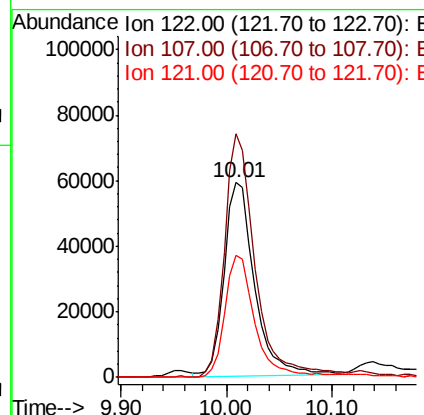
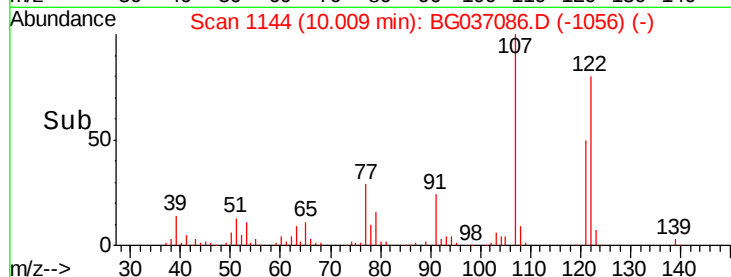
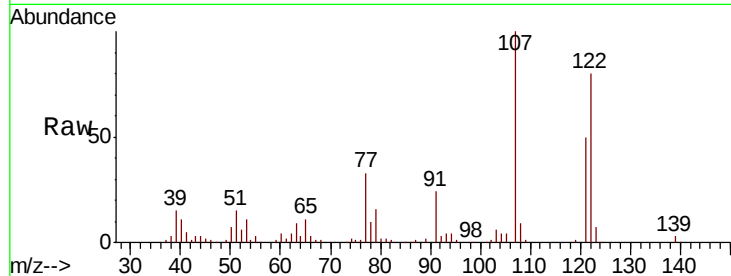
#27
2,4-Dimethylphenol
Concen: 50.964 ng
RT: 10.01 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BG037086.D
Acq: 1 Oct 2018 21:33

Instrument :
BNA_G
ClientSampleId :
HC-SOIL-1MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	125.0	96.0	144.0
121	62.8	48.2	72.4

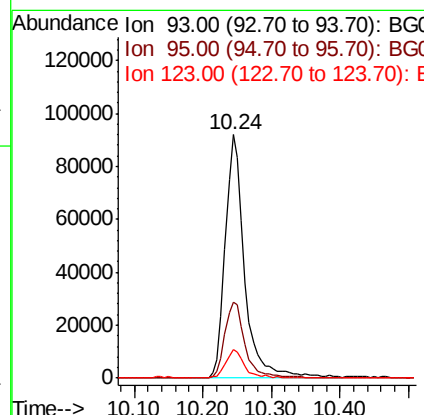
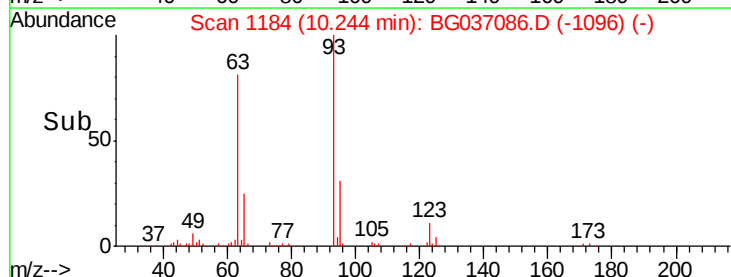
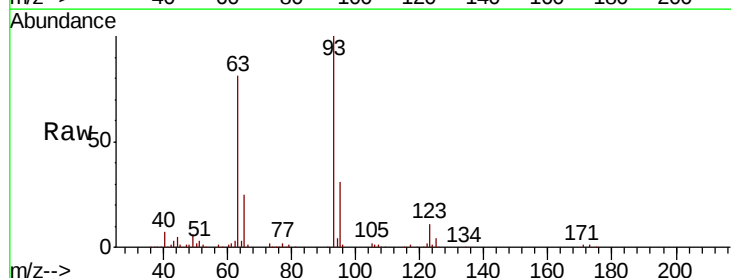
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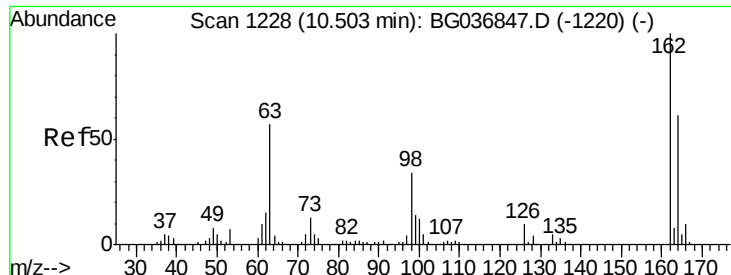
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 45.902 ng
RT: 10.24 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BG037086.D
Acq: 1 Oct 2018 21:33

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.4	25.2	37.8
123	11.5	8.6	12.8





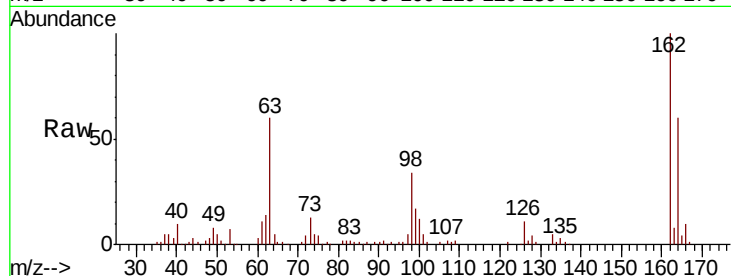
#29
2,4-Dichlorophenol
Concen: 46.748 ng
RT: 10.49 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BG037086.D
Acq: 1 Oct 2018 21:33

Instrument :
BNA_G
ClientSampleId :
HC-SOIL-1MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	125746		
164	60.1	47.6	87.6	
98	33.9	19.2	59.2	

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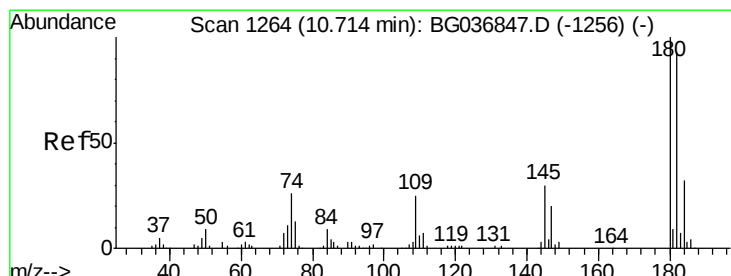
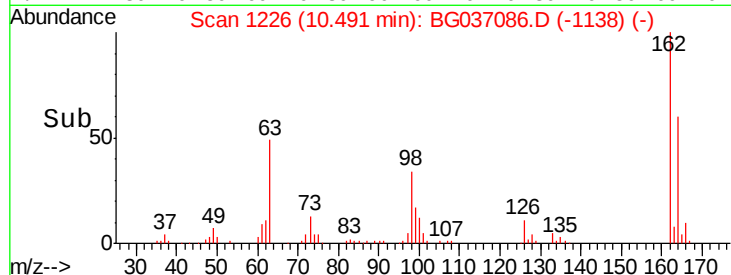
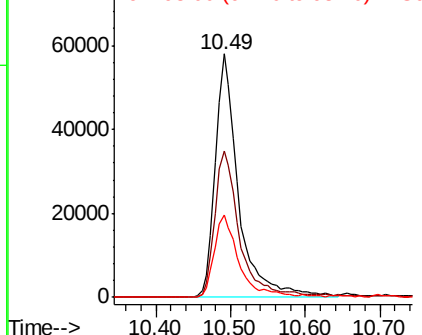


Abundance

Ion 162.00 (161.70 to 162.70): E

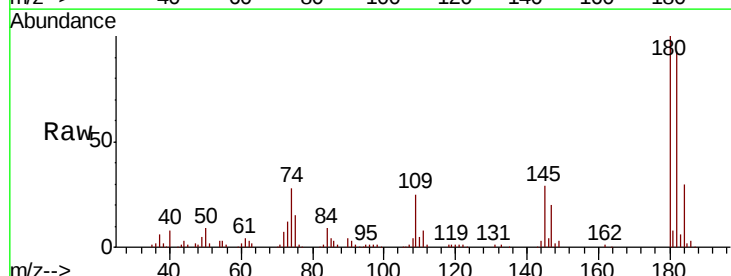
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
1,2,4-Trichlorobenzene
Concen: 41.620 ng
RT: 10.70 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BG037086.D
Acq: 1 Oct 2018 21:33

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	140100		
182	92.8	76.0	114.0	
145	29.3	22.9	34.3	

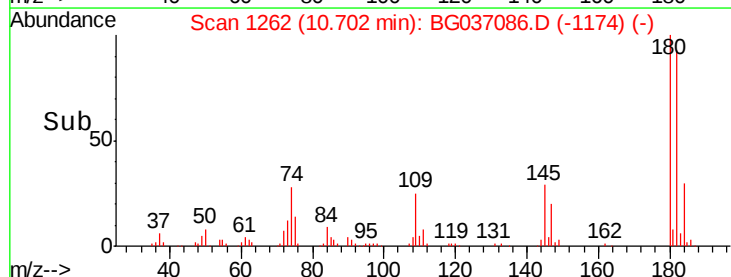
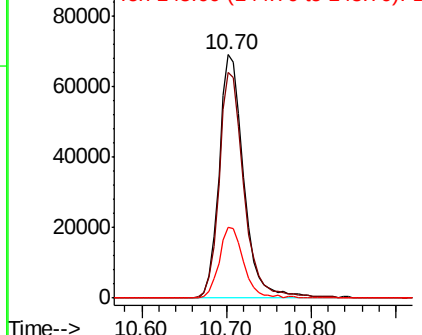


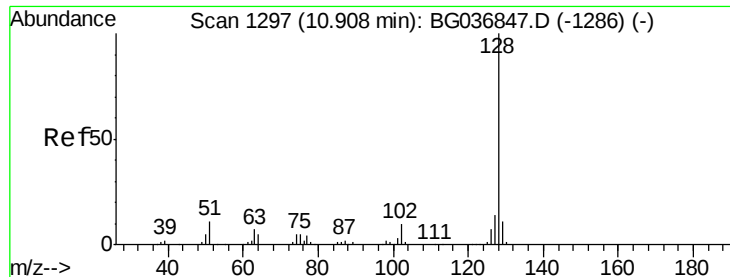
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





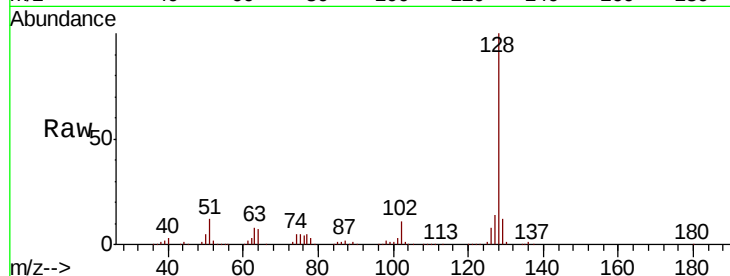
#31
Naphthalene
Concen: 49.131 ng
RT: 10.89 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BG037086.D
Acq: 1 Oct 2018 21:33

Instrument :
BNA_G
ClientSampleId :
HC-SOIL-1MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.4	14.2
127	14.1	11.0	16.4

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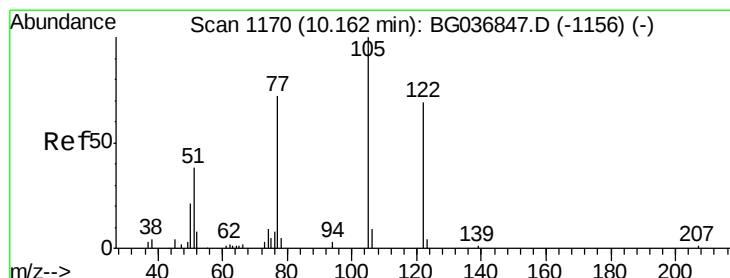
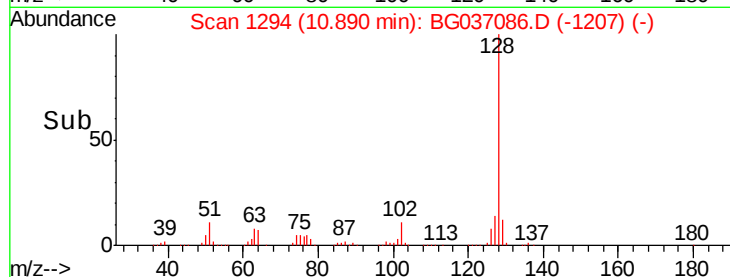
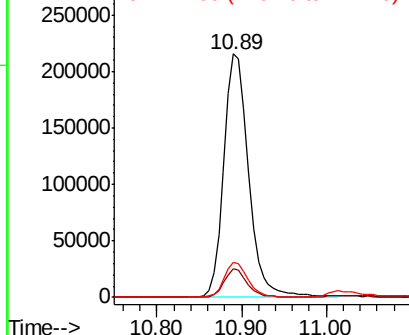


Abundance

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: 14.571 ng m
RT: 10.14 min Scan# 1166
Delta R.T. -0.02 min
Lab File: BG037086.D
Acq: 1 Oct 2018 21:33

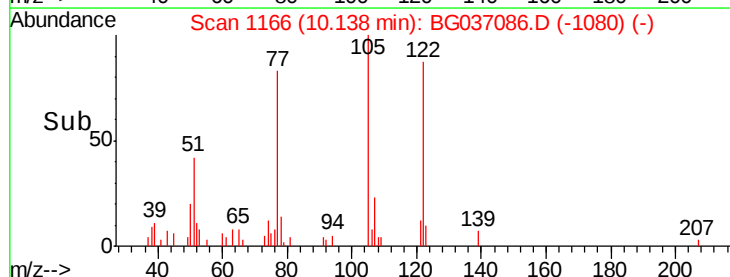
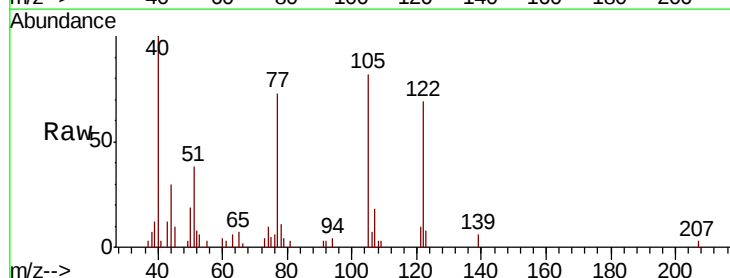
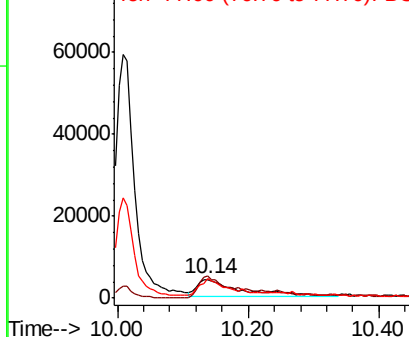
Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.9	108.1	148.1
77	105.3	76.3	116.3

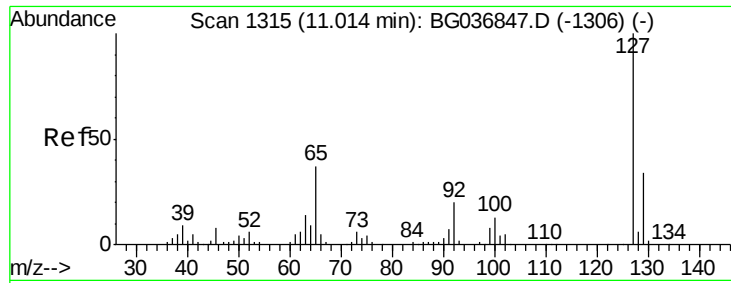
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG





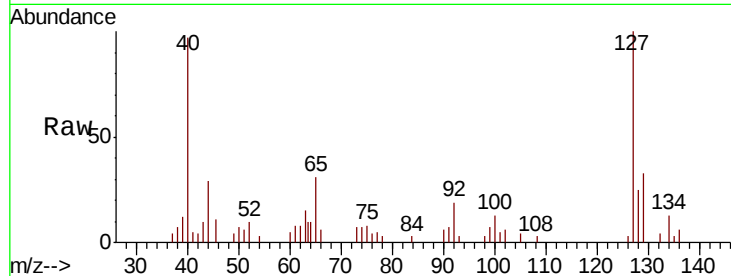
#33
4-Chloroaniline
Concen: 4.335 ng
RT: 11.01 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG037086.D
Acq: 1 Oct 2018 21:33

Instrument :
BNA_G
ClientSampleId :
HC-SOIL-1MS

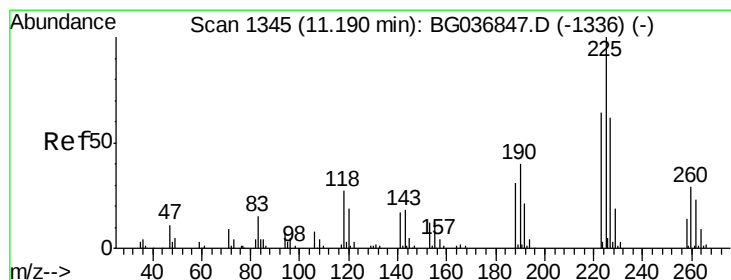
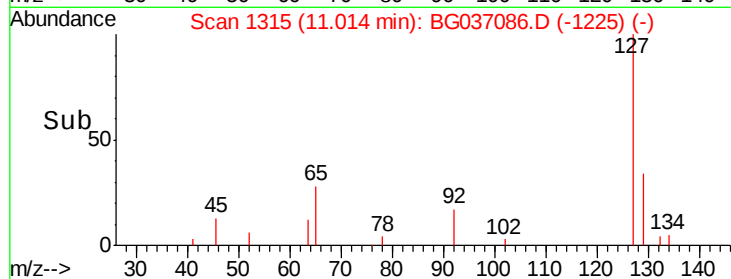
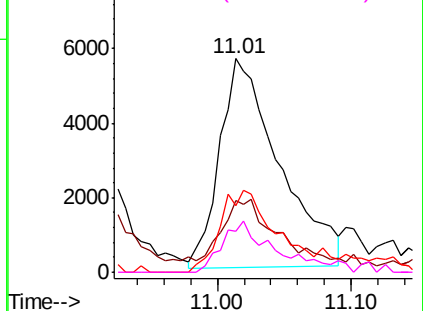
Tot Ion:	127	Resp:	17574
Ion Ratio	Lower	Upper	
127	100		
129	33.3	25.9	38.9
65	31.4	27.5	41.3
92	19.4	16.2	24.2

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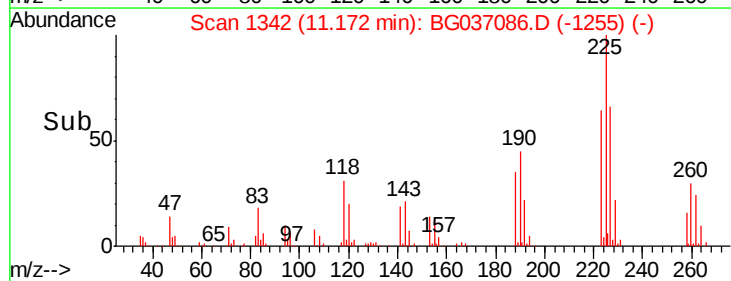
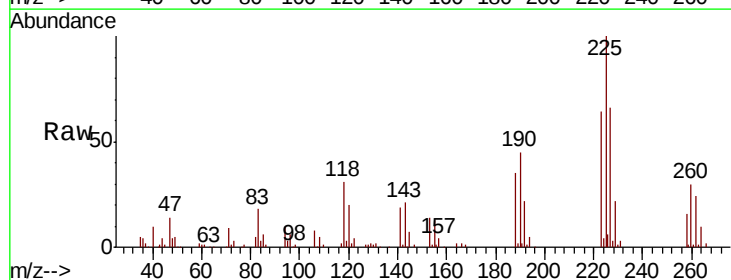
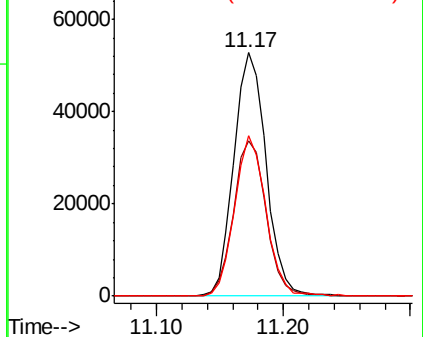
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

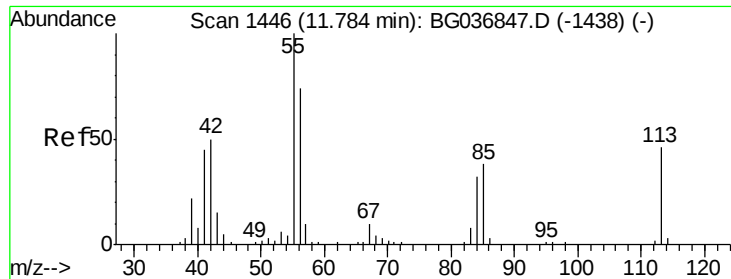


#34
Hexachlorobutadiene
Concen: 39.924 ng
RT: 11.17 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BG037086.D
Acq: 1 Oct 2018 21:33

Tgt Ion:	225	Resp:	92940
Ion Ratio	Lower	Upper	
225	100		
223	63.6	51.8	77.8
227	65.6	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: 30.276 ng/ml

RT: 11.78 min Scan# 1445

Delta R.T. -0.01 min

Lab File: BG037086.D

Acq: 1 Oct 2018 21:33

Instrument :

BNA_G

ClientSampled :

HC-SOIL-1MS

Tot Ion:113 Resp: 33519

Ion Ratio Lower Upper

113 100

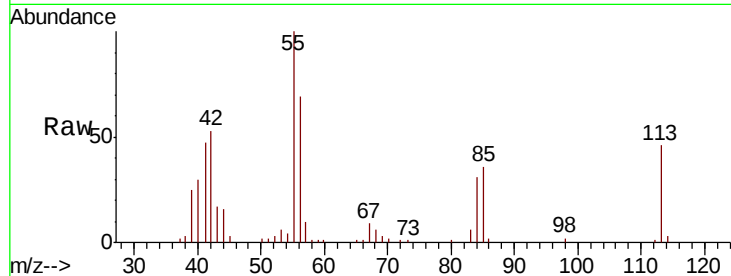
55 219.4 197.7 237.7

56 152.1 131.7 171.7

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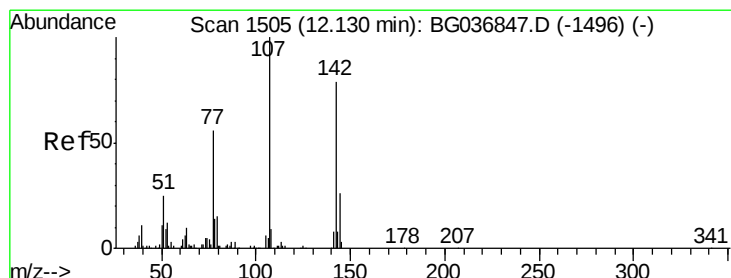
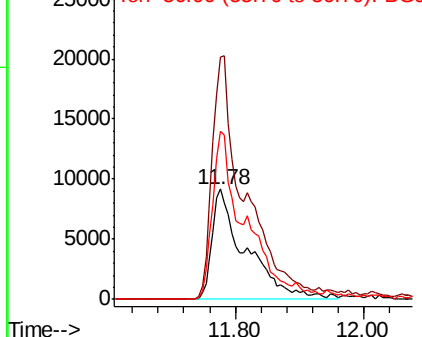
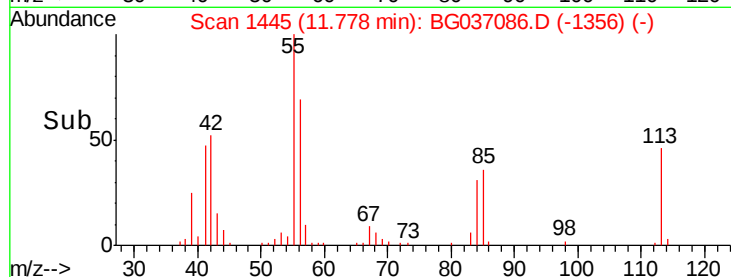
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG036847.D (-1438) (-)

Ion 56.00 (55.70 to 56.70): BG036847.D (-1438) (-)



#36

4-Chloro-3-methylphenol

Concen: 46.129 ng/ml

RT: 12.12 min Scan# 1503

Delta R.T. -0.01 min

Lab File: BG037086.D

Acq: 1 Oct 2018 21:33

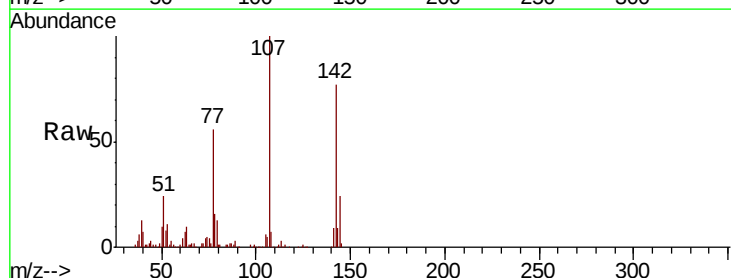
Tgt Ion:107 Resp: 148053

Ion Ratio Lower Upper

107 100

144 23.7 19.5 29.3

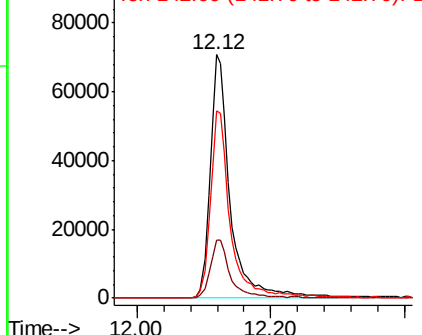
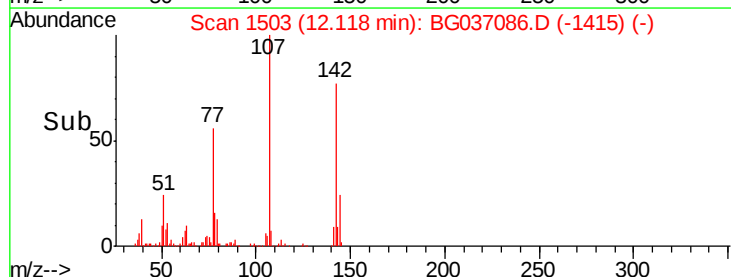
142 76.8 62.4 93.6

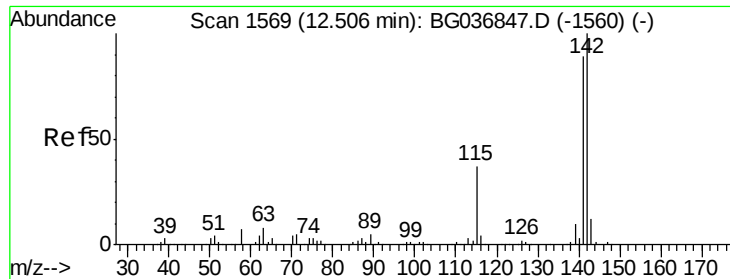


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





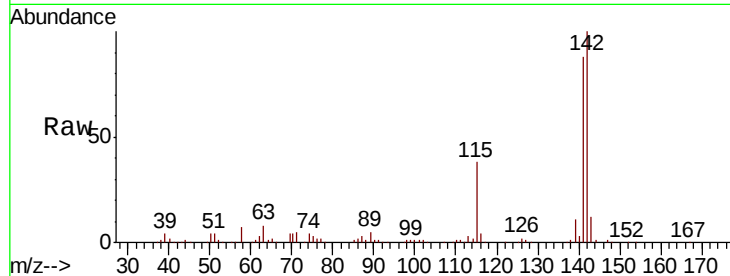
#37
2-Methylnaphthalene
Concen: 46.270 ng
RT: 12.49 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BG037086.D
Acq: 1 Oct 2018 21:33

Instrument :
BNA_G
ClientSampleId :
HC-SOIL-1MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.9	68.5	102.7
115	38.2	29.8	44.8

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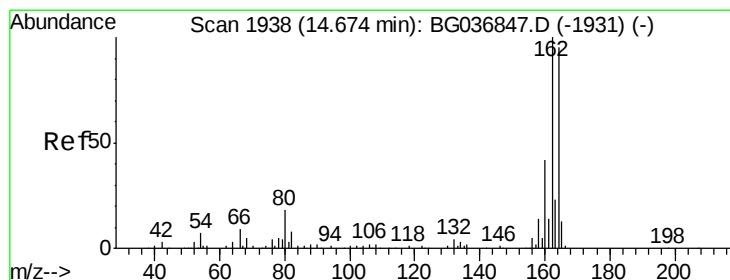
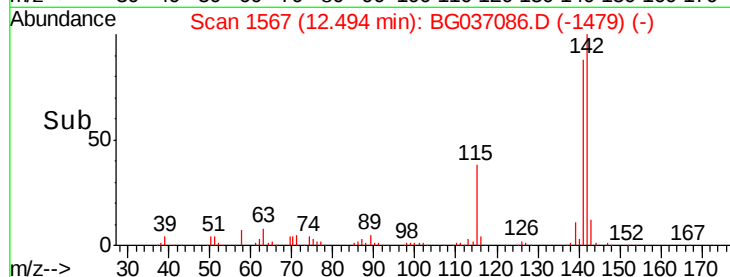
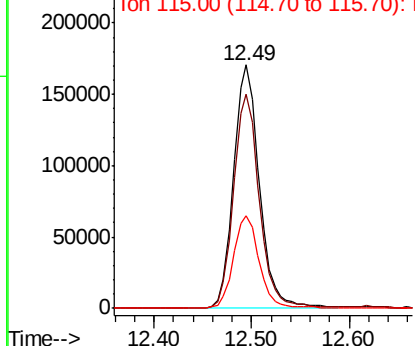


Abundance

Ion 142.00 (141.70 to 142.70): E

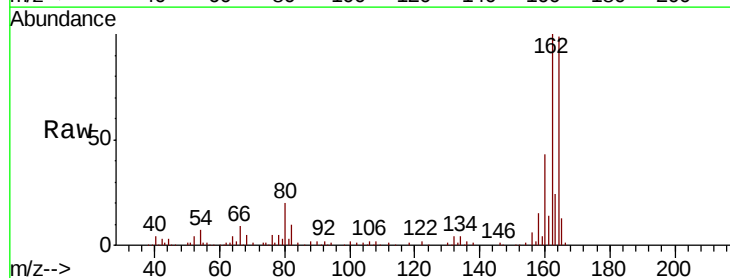
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BG037086.D
Acq: 1 Oct 2018 21:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.9	80.7	121.1
160	43.0	35.3	52.9

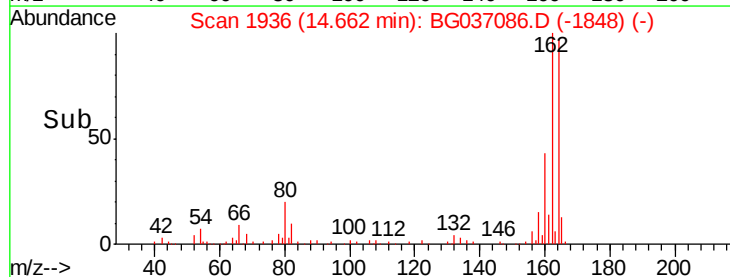
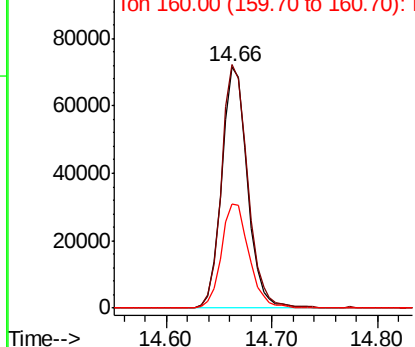


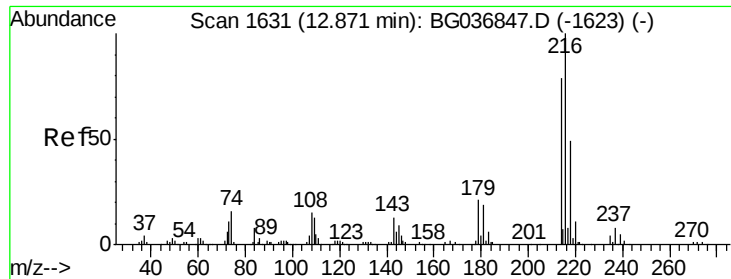
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





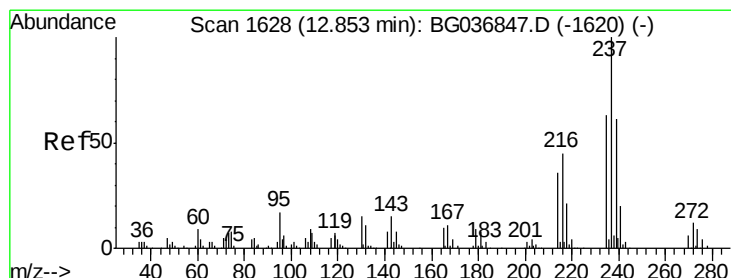
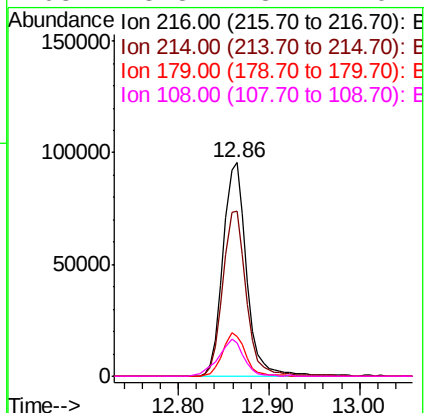
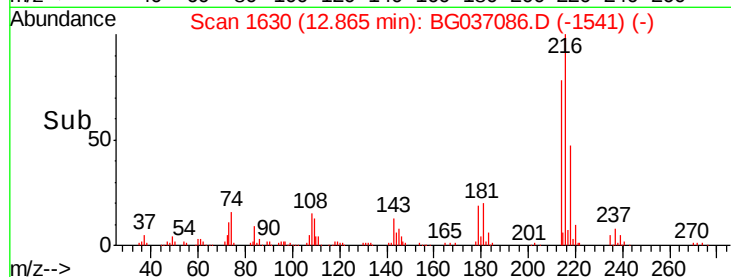
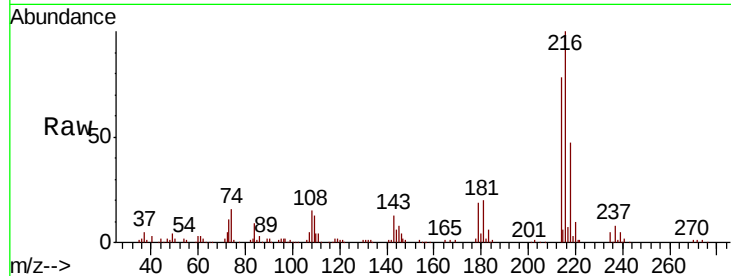
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.071 ng
 RT: 12.86 min Scan# 1630
 Delta R.T. -0.01 min
 Lab File: BG037086.D
 Acq: 1 Oct 2018 21:33

Instrument :
 BNA_G
 ClientSampled :
 HC-SOIL-1MS

Tot Ion	Ratio	Lower	Upper
216	100		
214	76.8	61.0	91.6
179	19.8	15.7	23.5
108	18.8	13.1	19.7

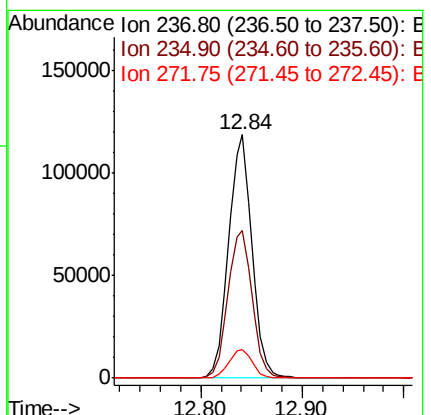
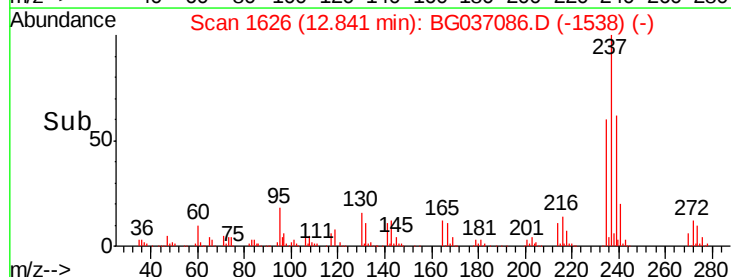
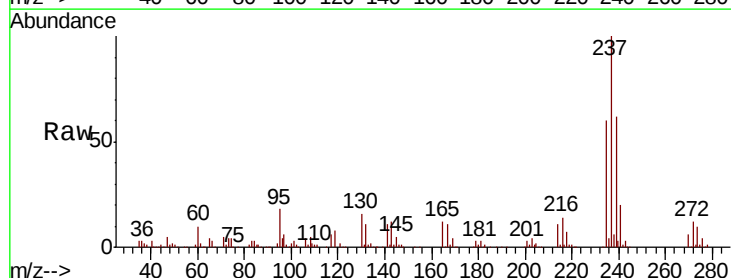
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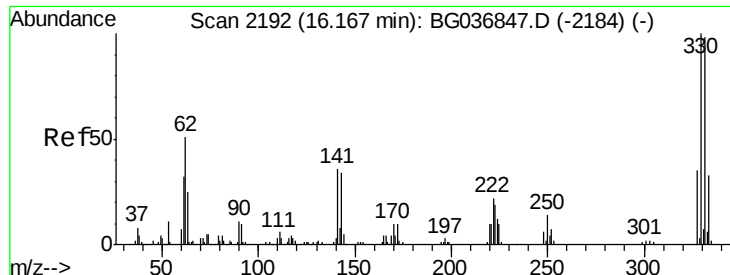
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#40
 Hexachlorocyclopentadiene
 Concen: 87.112 ng
 RT: 12.84 min Scan# 1626
 Delta R.T. -0.01 min
 Lab File: BG037086.D
 Acq: 1 Oct 2018 21:33

Tgt Ion	Ratio	Lower	Upper
237	100		
235	60.4	42.2	82.2
272	11.9	0.0	32.1





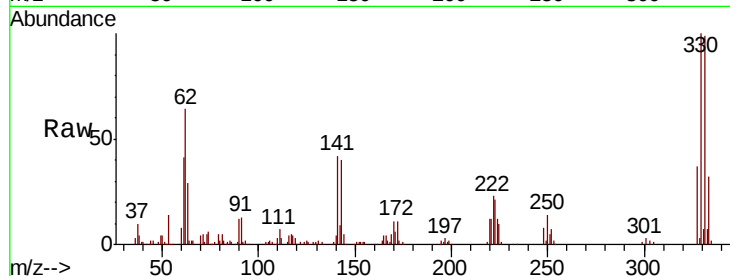
#41
 2,4,6-Tribromophenol
 Concen: 118.524 ng
 RT: 16.15 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG037086.D
 Acq: 1 Oct 2018 21:33

Instrument :
 BNA_G
 ClientSampleId :
 HC-SOIL-1MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	171316		
332	96.5	75.4	113.2	
141	40.0	30.7	46.1	

Manual Integrations
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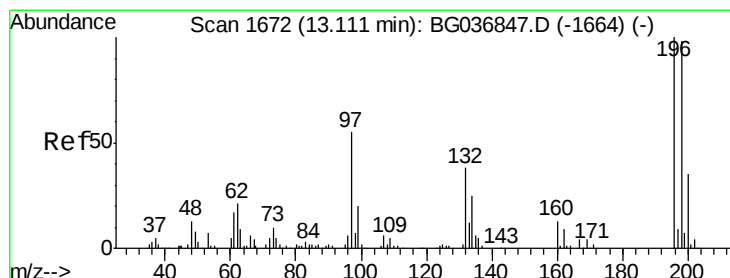
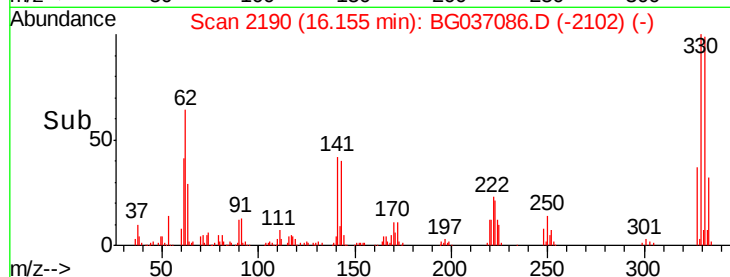
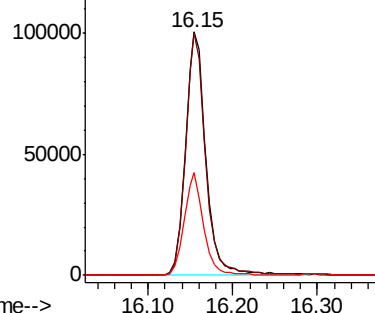


Abundance

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: 44.972 ng
 RT: 13.10 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BG037086.D
 Acq: 1 Oct 2018 21:33

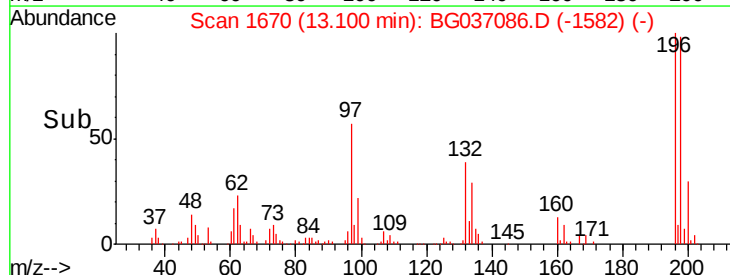
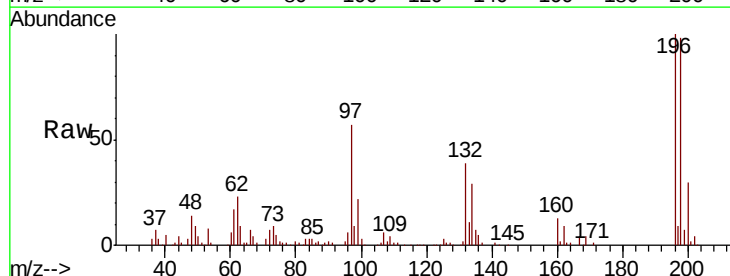
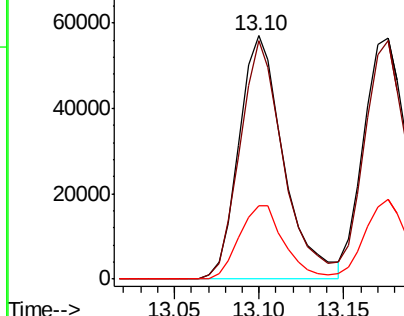
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	105227		
198	98.1	77.2	115.8	
200	30.3	26.3	39.5	

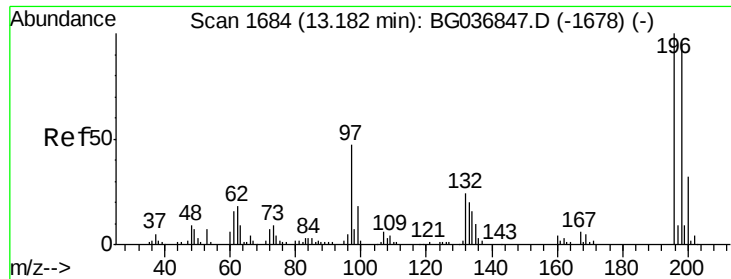
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





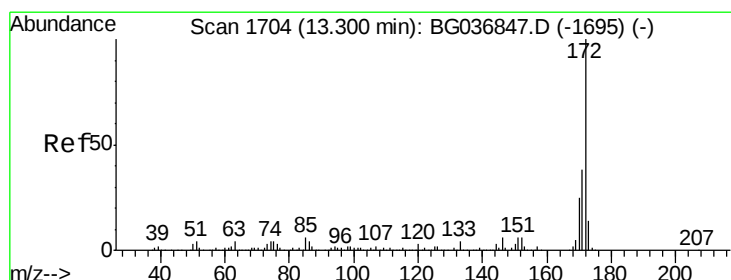
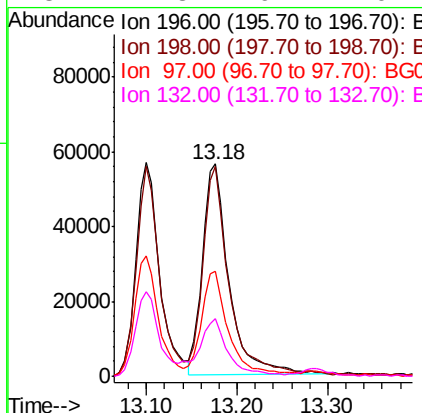
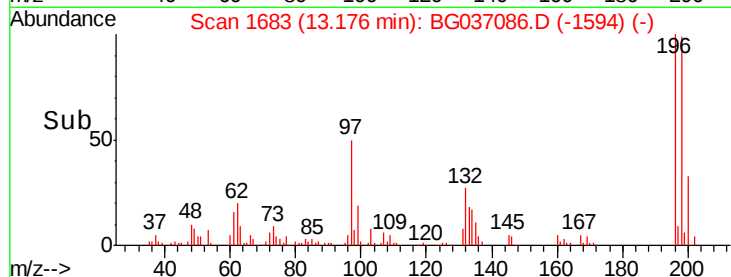
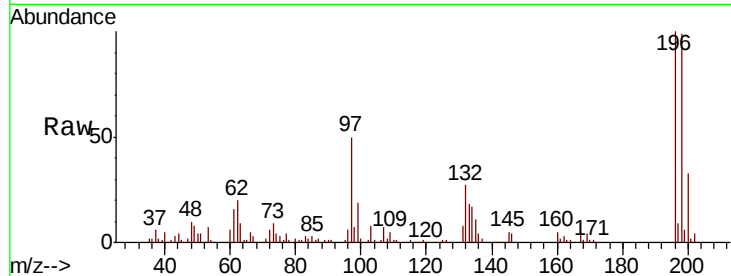
#43
 2,4,5-Trichlorophenol
 Concen: 46.643 ng
 RT: 13.18 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: BG037086.D
 Acq: 1 Oct 2018 21:33

Instrument :
 BNA_G
 ClientSampled :
 HC-SOIL-1MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	116375		
198	98.9	75.6	113.4	
97	49.7	37.2	55.8	
132	27.3	19.4	29.2	

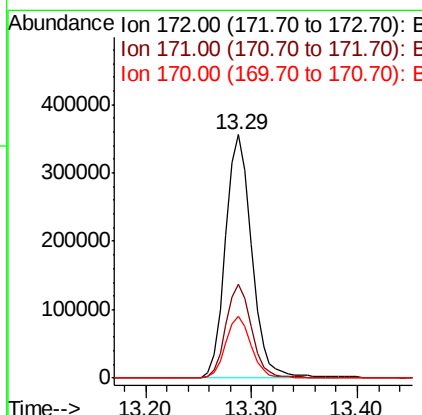
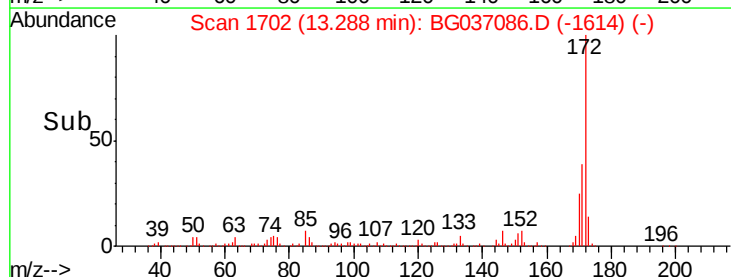
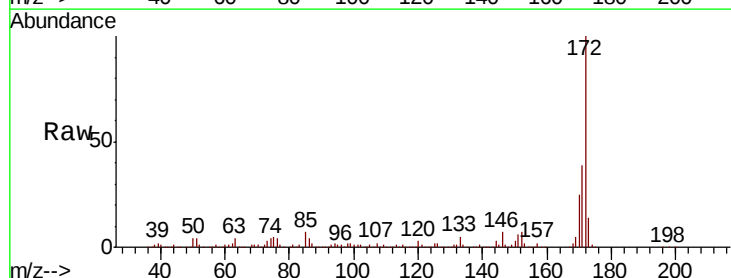
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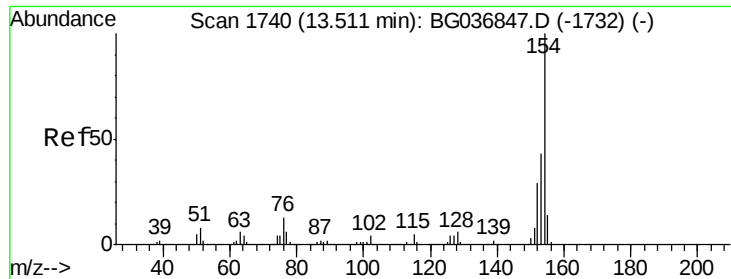
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#44
 2-Fluorobiphenyl
 Concen: 75.594 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG037086.D
 Acq: 1 Oct 2018 21:33

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	613173		
171	38.6	31.3	46.9	
170	25.2	21.0	31.6	





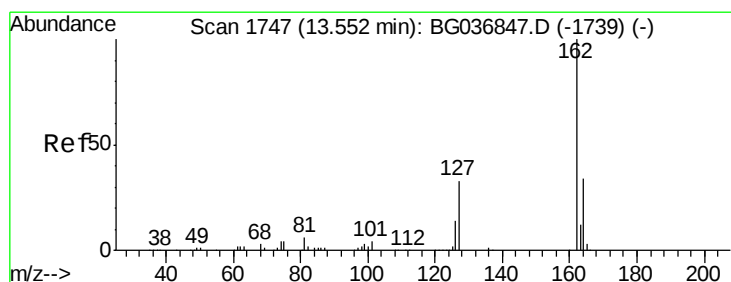
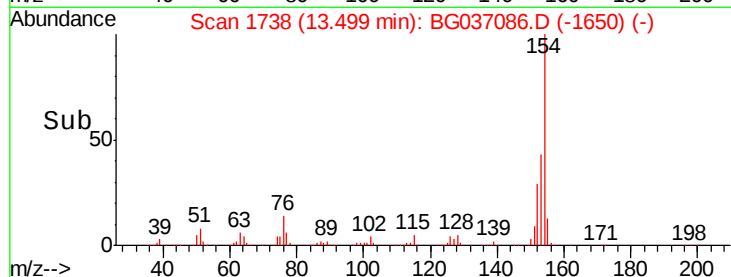
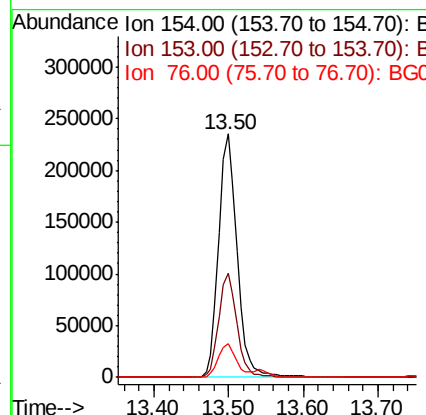
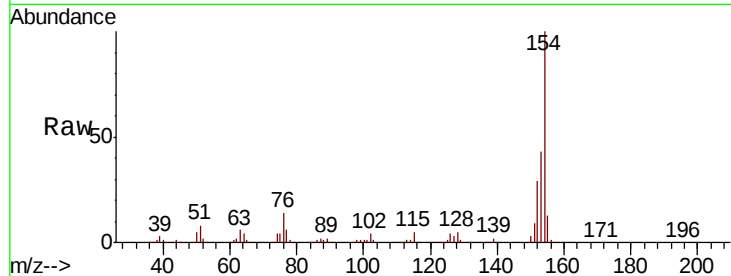
#45
1,1'-Biphenyl
Concen: 43.891 ng
RT: 13.50 min Scan# 1738
Delta R.T. -0.01 min
Lab File: BG037086.D
Acq: 1 Oct 2018 21:33

Instrument :
BNA_G
ClientSampleId :
HC-SOIL-1MS

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

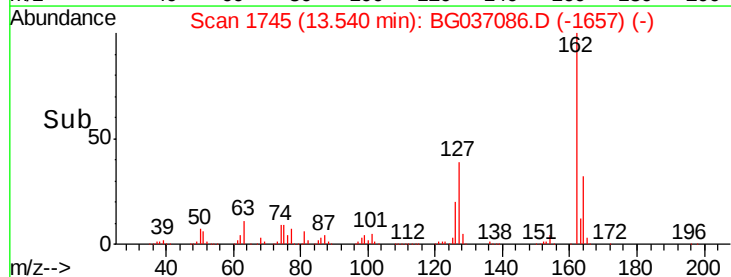
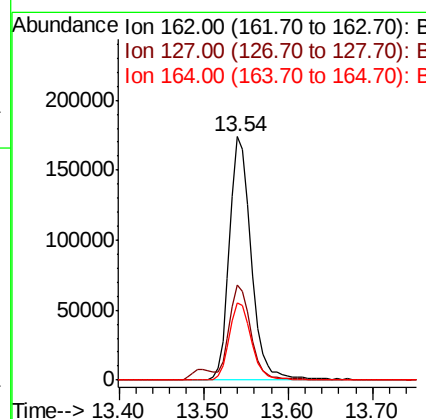
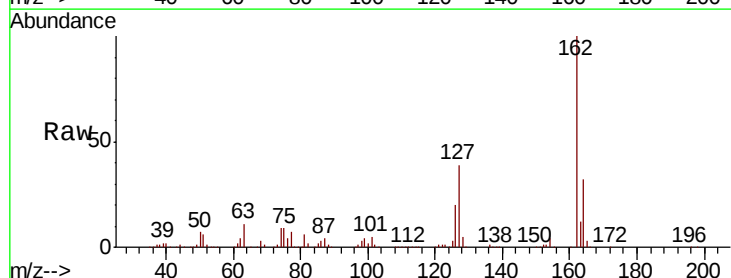
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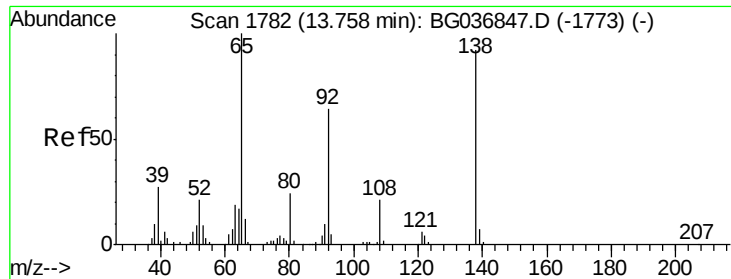
Sohil
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#46
2-Chloronaphthalene
Concen: 42.617 ng
RT: 13.54 min Scan# 1745
Delta R.T. -0.01 min
Lab File: BG037086.D
Acq: 1 Oct 2018 21:33

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.1	30.7	46.1
164	31.6	26.7	40.1





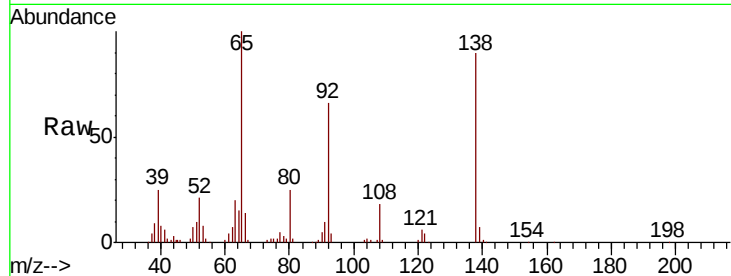
#47
2-Nitroaniline
Concen: 46.153 ng
RT: 13.75 min Scan# 1780
Delta R.T. -0.01 min
Lab File: BG037086.D
Acq: 1 Oct 2018 21:33

Instrument :
BNA_G
ClientSampleId :
HC-SOIL-1MS

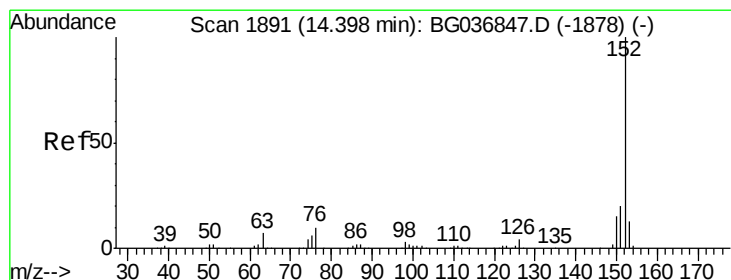
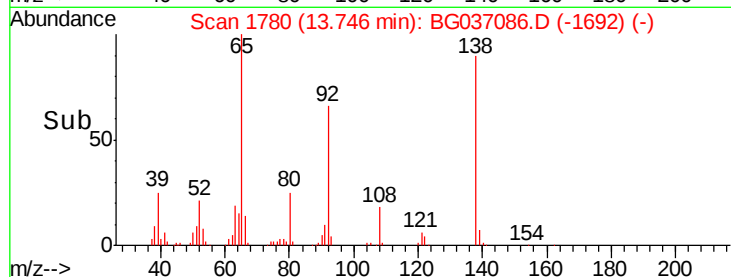
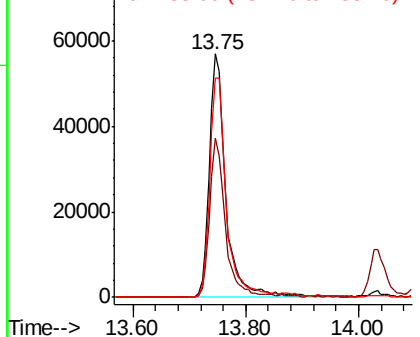
Tot Ion	Ratio	Resp	Lower	Upper
65	100			
92	65.5	49.9	74.9	
138	90.0	76.2	114.4	

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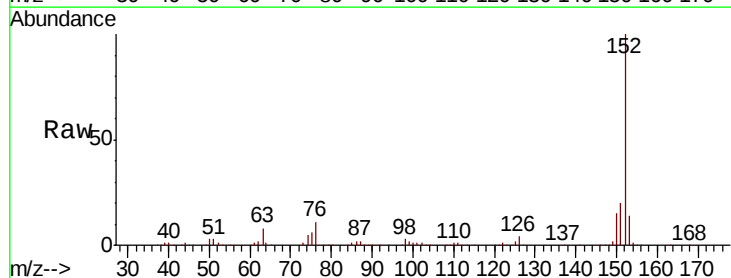


Abundance Ion 65.00 (64.70 to 65.70): BG037086.D (-1773) (-)
Ion 92.00 (91.70 to 92.70): BG037086.D (-1773) (-)
Ion 138.00 (137.70 to 138.70): BG037086.D (-1773) (-)

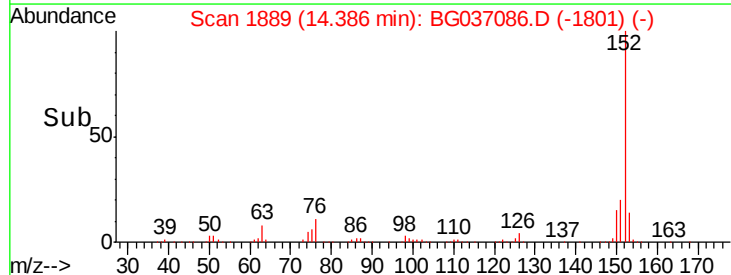
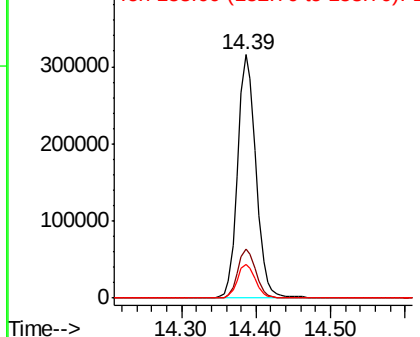


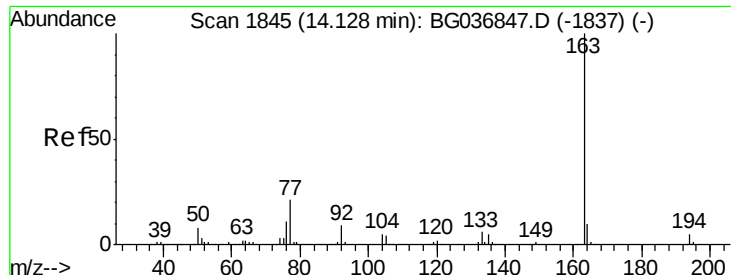
#48
Acenaphthylene
Concen: 47.211 ng
RT: 14.39 min Scan# 1889
Delta R.T. -0.01 min
Lab File: BG037086.D
Acq: 1 Oct 2018 21:33

Tgt Ion	Ratio	Resp	Lower	Upper
152	100			
151	20.1	16.9	25.3	
153	14.1	11.2	16.8	



Abundance Ion 152.00 (151.70 to 152.70): BG037086.D (-1801) (-)
Ion 151.00 (150.70 to 151.70): BG037086.D (-1801) (-)
Ion 153.00 (152.70 to 153.70): BG037086.D (-1801) (-)





#49

Dimethylphthalate

Concen: 42.840 ng

RT: 14.12 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BG037086.D

Acq: 1 Oct 2018 21:33

Instrument :

BNA_G

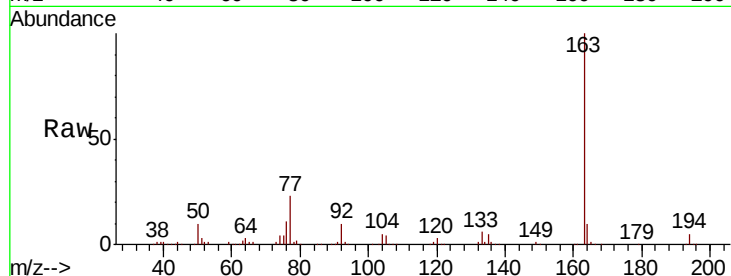
ClientSampleId :

HC-SOIL-1MS

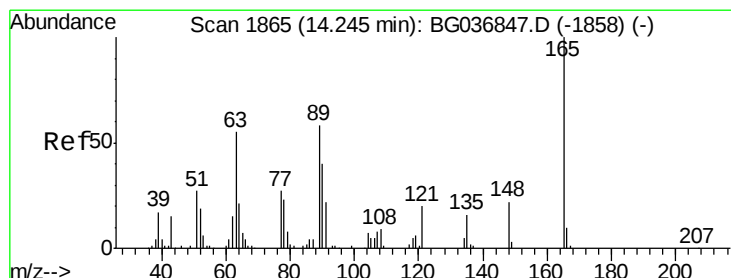
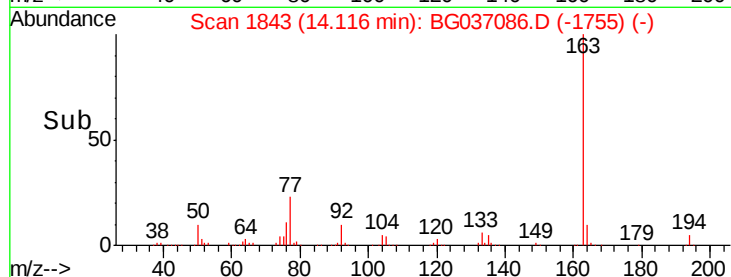
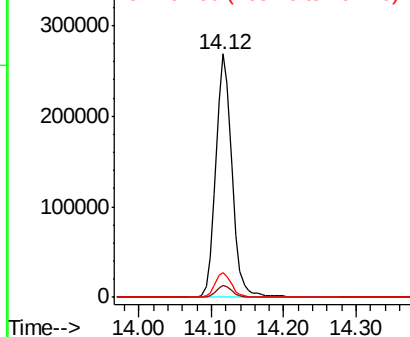
Tot Ion:	163	Resp:	416592
Ion Ratio	Lower	Upper	
163	100		
194	4.7	4.0	6.0
164	10.2	8.1	12.1

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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: 42.982 ng

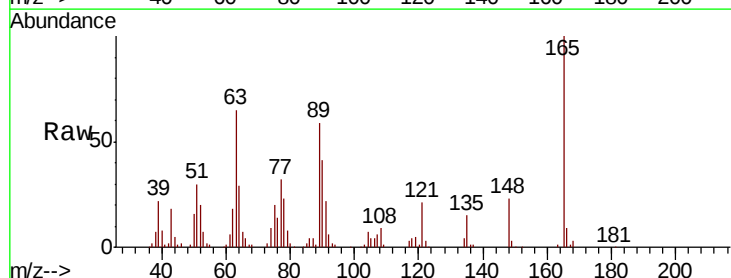
RT: 14.24 min Scan# 1864

Delta R.T. -0.01 min

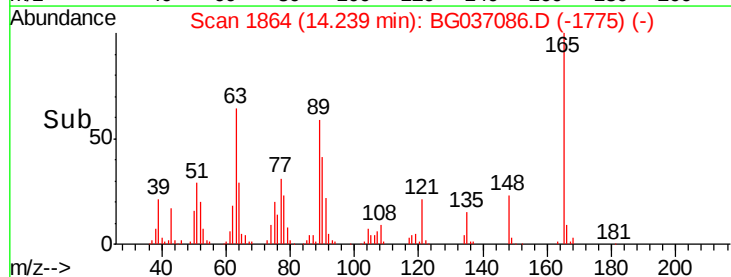
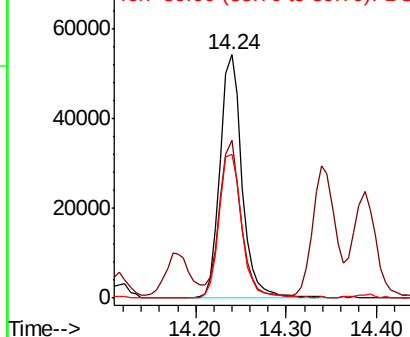
Lab File: BG037086.D

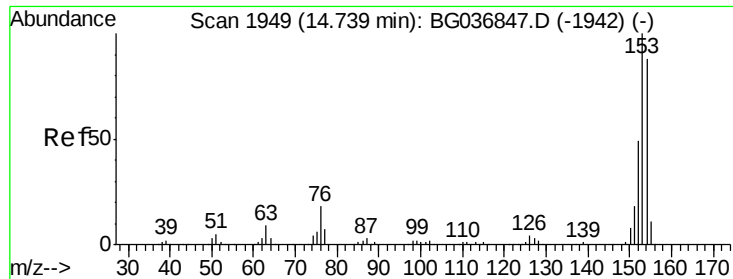
Acq: 1 Oct 2018 21:33

Tgt Ion:	165	Resp:	91195
Ion Ratio	Lower	Upper	
165	100		
63	65.1	50.1	75.1
89	59.2	47.8	71.6



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 45.174 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG037086.D

Acq: 1 Oct 2018 21:33

Instrument :

BNA_G

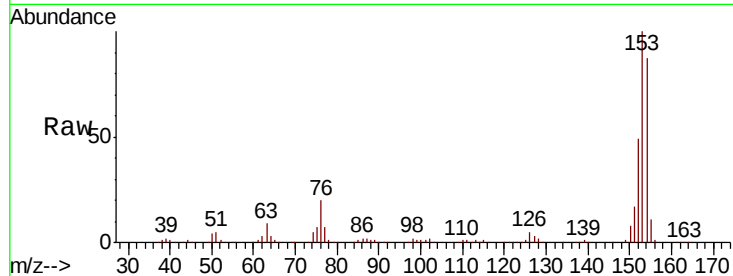
ClientSampled :

HC-SOIL-1MS

Tot Ion:	154	Resp:	311297
Ion Ratio	Lower	Upper	
154	100		
153	114.5	91.8	137.6
152	55.6	43.5	65.3

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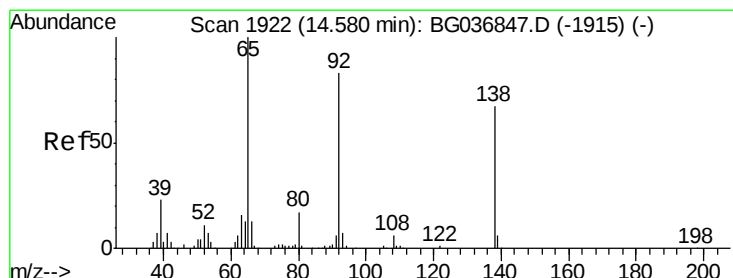
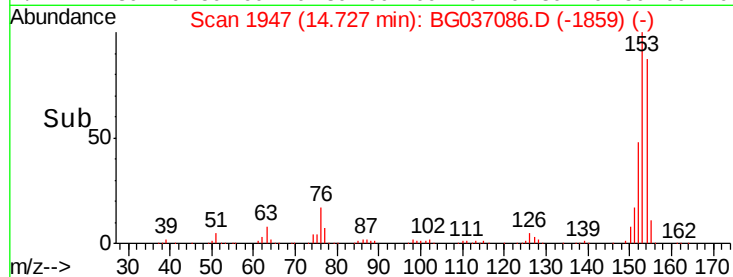
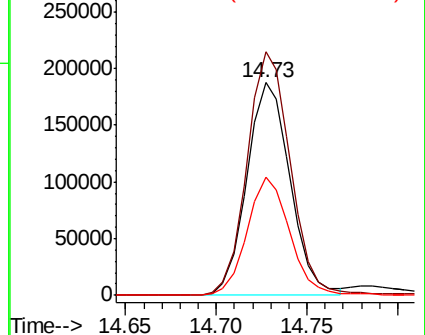


Abundance

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: 17.264 ng

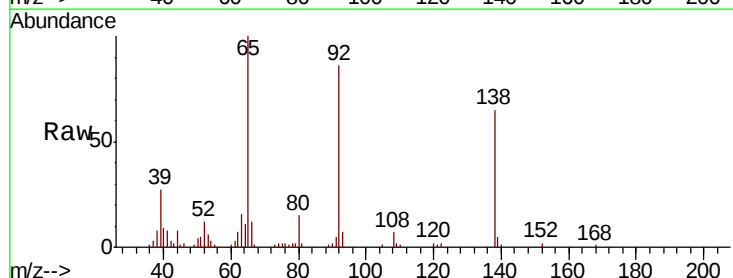
RT: 14.57 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BG037086.D

Acq: 1 Oct 2018 21:33

Tgt Ion:	138	Resp:	38597
Ion Ratio	Lower	Upper	
138	100		
108	10.3	9.4	14.2
92	131.4	96.8	145.2

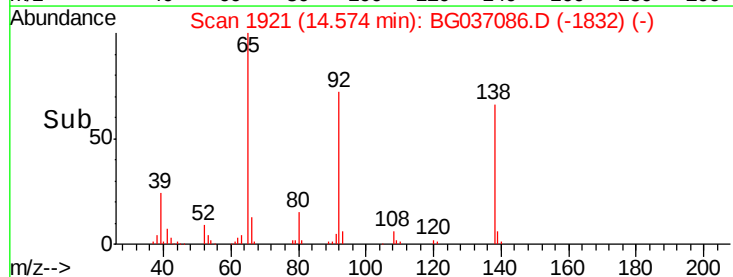
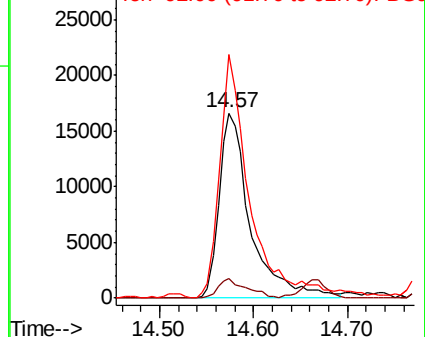


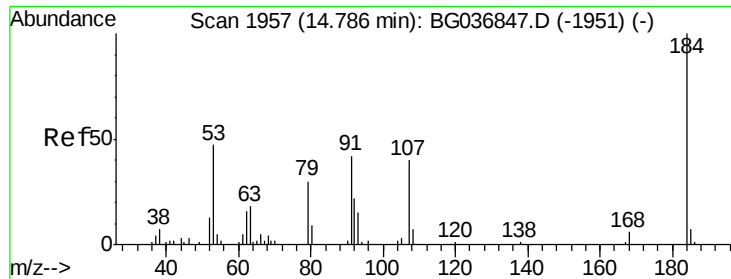
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG





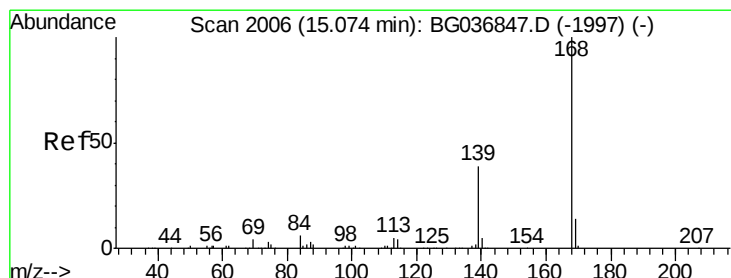
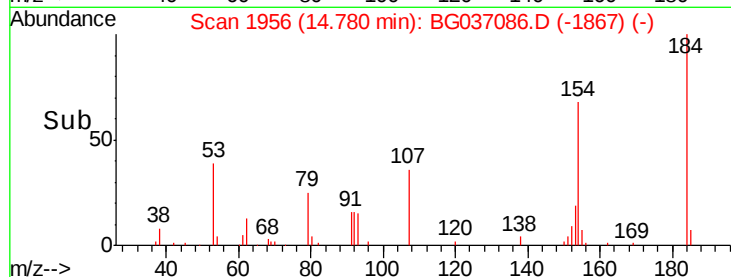
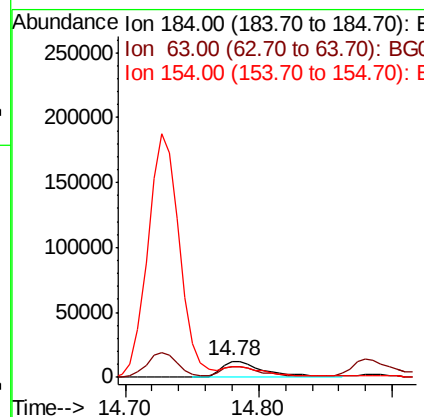
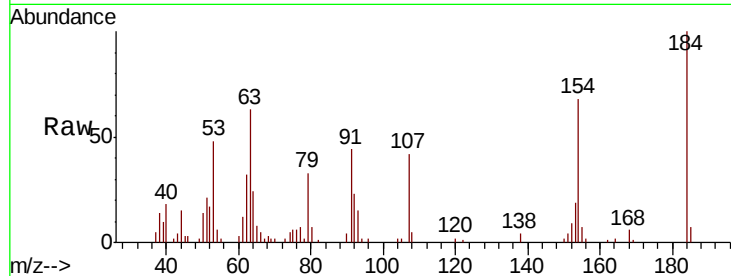
#53
 2,4-Dinitrophenol
 Concen: 34.244 ng
 RT: 14.78 min Scan# 1956
 Delta R.T. -0.01 min
 Lab File: BG037086.D
 Acq: 1 Oct 2018 21:33

Instrument :
 BNA_G
 ClientSampleId :
 HC-SOIL-1MS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	29239		
63	63.3	47.3	70.9	
154	68.3	51.1	76.7	

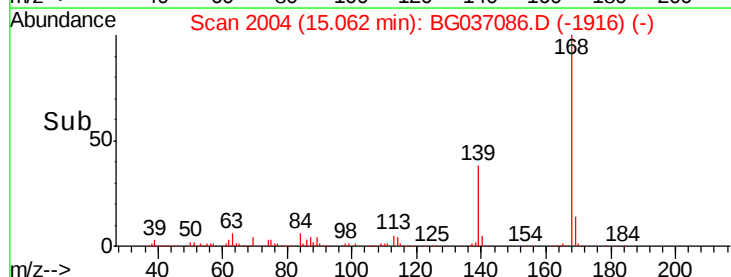
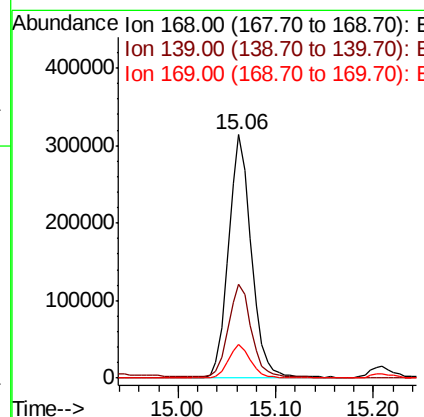
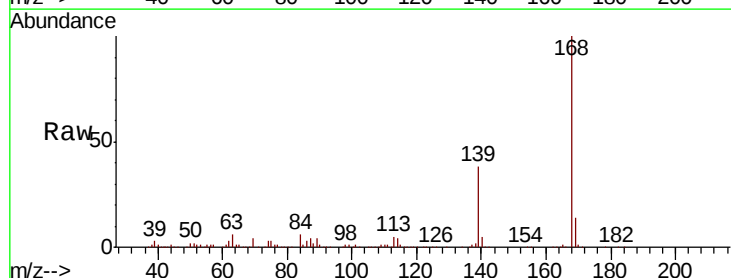
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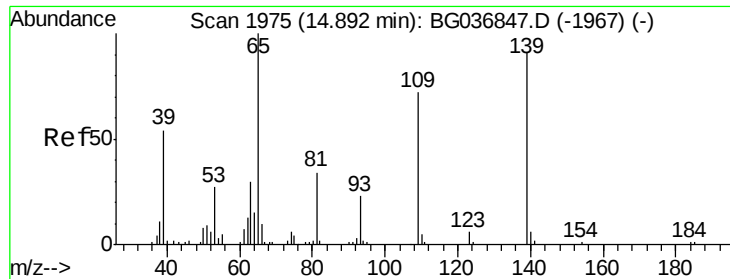
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#54
 Dibenzofuran
 Concen: 43.821 ng
 RT: 15.06 min Scan# 2004
 Delta R.T. -0.01 min
 Lab File: BG037086.D
 Acq: 1 Oct 2018 21:33

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	510779		
139	38.5	31.0	46.6	
169	13.7	11.1	16.7	





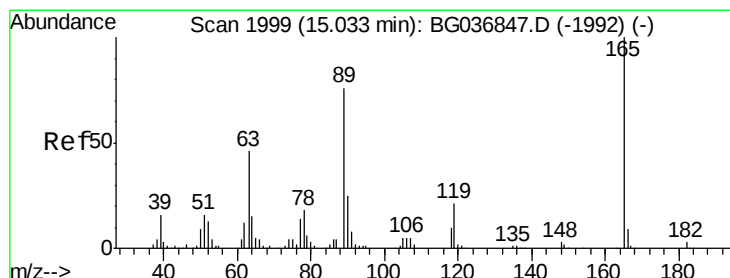
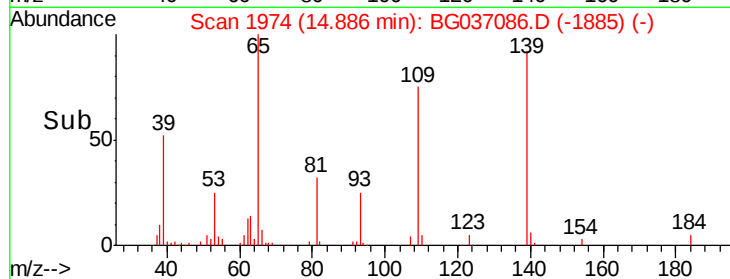
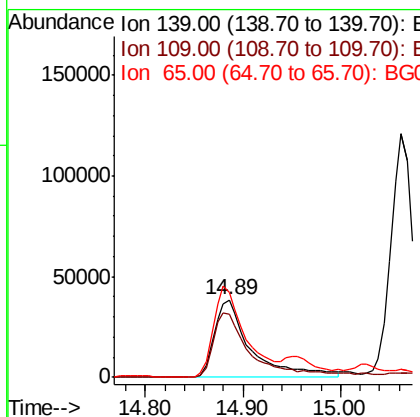
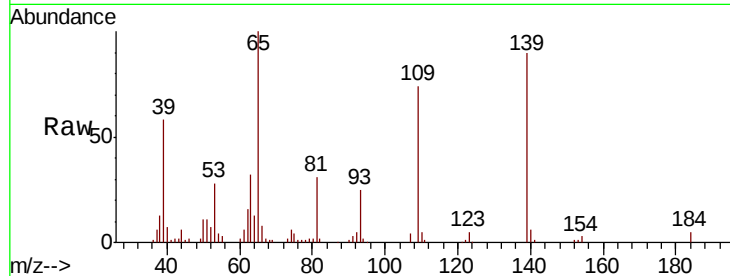
#55
4-Nitrophenol
Concen: 69.762 ng
RT: 14.89 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG037086.D
Acq: 1 Oct 2018 21:33

Instrument :
BNA_G
ClientSampleId :
HC-SOIL-1MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	82.0	63.9	103.9	
65	110.5	90.0	130.0	

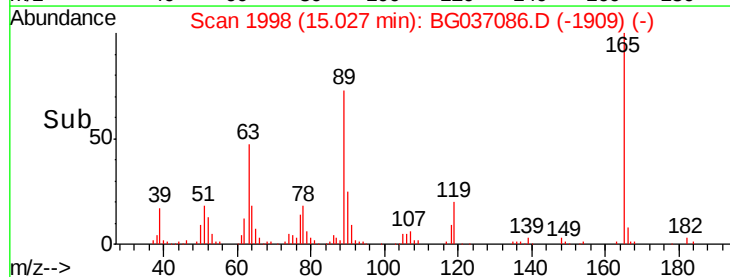
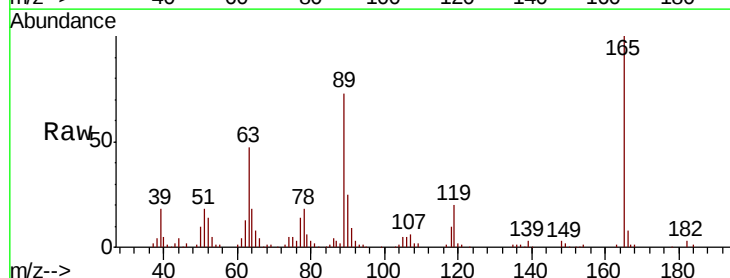
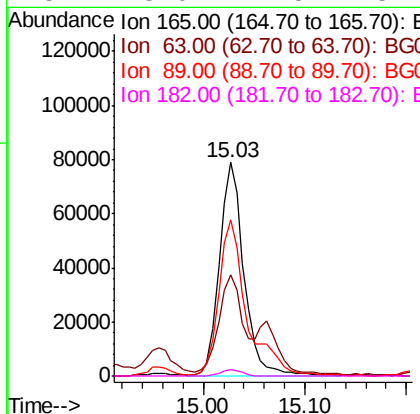
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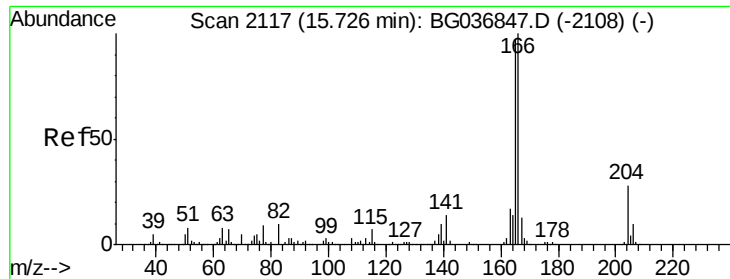
Sohil
10/2/2018 5:20:43 PM



#56
2,4-Dinitrotoluene
Concen: 44.271 ng
RT: 15.03 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BG037086.D
Acq: 1 Oct 2018 21:33

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	47.1	40.1	60.1	
89	72.9	63.7	95.5	
182	3.0	2.5	3.7	





#57

Fluorene

Concen: 47.542 ng

RT: 15.71 min Scan# 2115

Delta R.T. -0.01 min

Lab File: BG037086.D

Acq: 1 Oct 2018 21:33

Instrument :

BNA_G

ClientSampleId :

HC-SOIL-1MS

Tot Ion:166 Resp: 414186

Ion Ratio Lower Upper

166 100

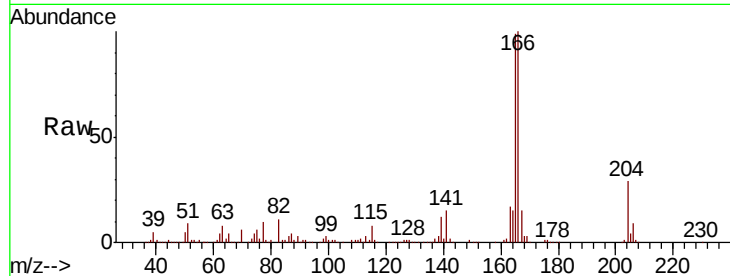
165 98.7 77.0 115.4

167 14.6 10.6 16.0

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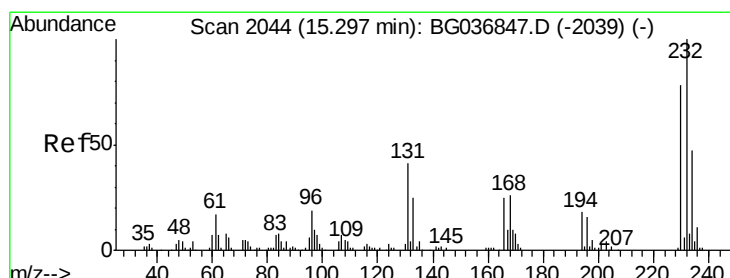
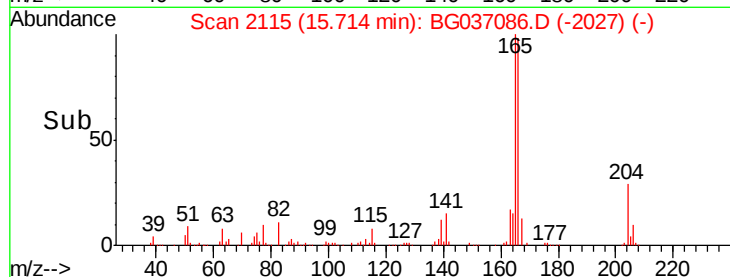
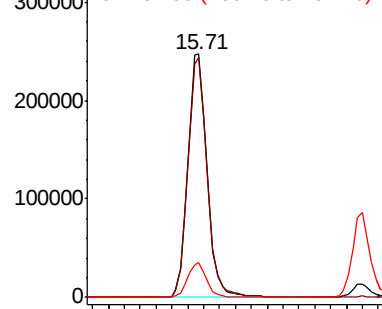


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.998 ng

RT: 15.29 min Scan# 2043

Delta R.T. -0.01 min

Lab File: BG037086.D

Acq: 1 Oct 2018 21:33

Tgt Ion:232 Resp: 118952

Ion Ratio Lower Upper

232 100

131 39.5 33.8 50.8

130 2.5 2.1 3.1

166 28.4 22.3 33.5

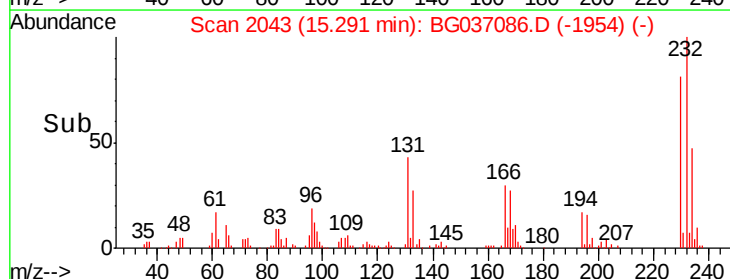
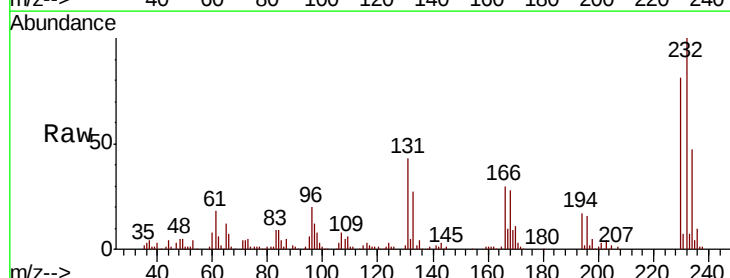
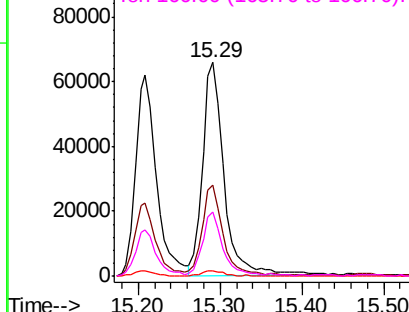
Abundance

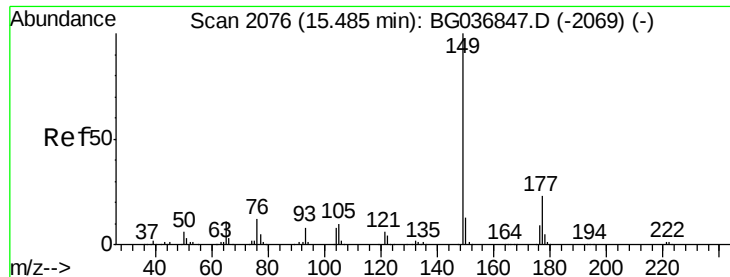
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





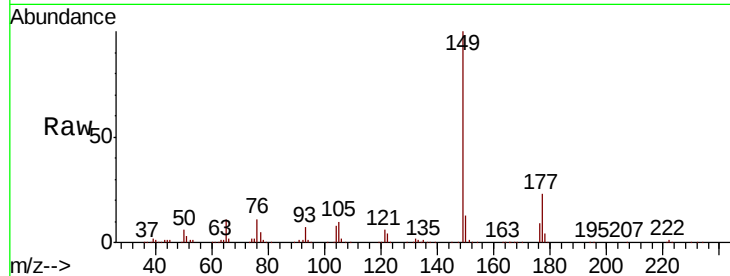
#59
Diethylphthalate
Concen: 43.673 ng
RT: 15.48 min Scan# 2075
Delta R.T. -0.01 min
Lab File: BG037086.D
Acq: 1 Oct 2018 21:33

Instrument :
BNA_G
ClientSampleId :
HC-SOIL-1MS

Tot Ion	Ratio	Lower	Upper
149	100		
177	23.4	19.1	28.7
150	13.0	10.7	16.1

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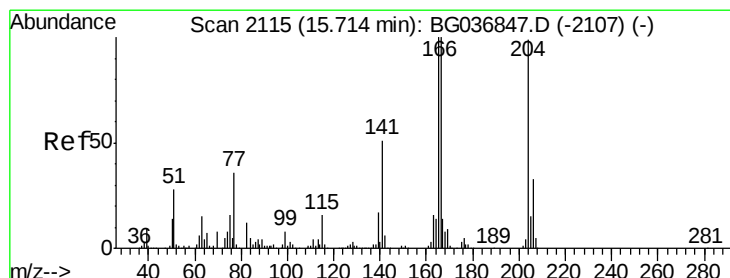
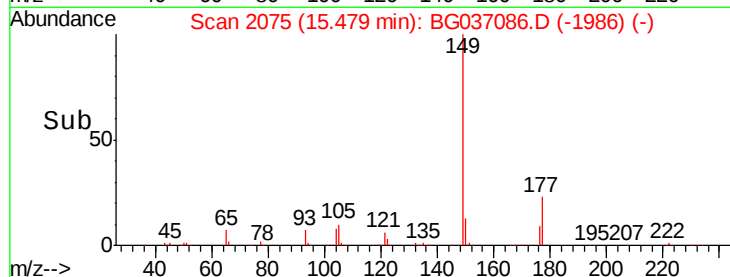
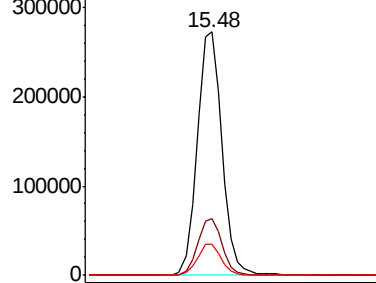


Abundance

Ion 149.00 (148.70 to 149.70): E

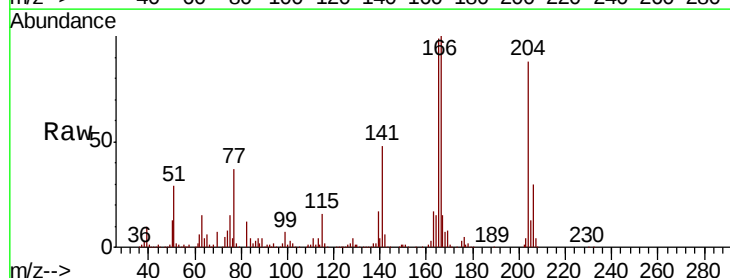
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60
4-Chlorophenyl-phenylether
Concen: 40.958 ng
RT: 15.70 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BG037086.D
Acq: 1 Oct 2018 21:33

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.1	27.0	40.4
141	55.2	43.8	65.6

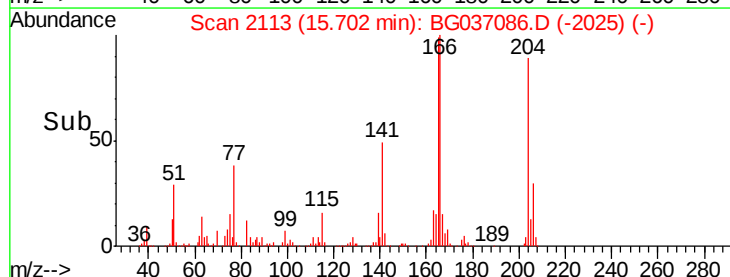
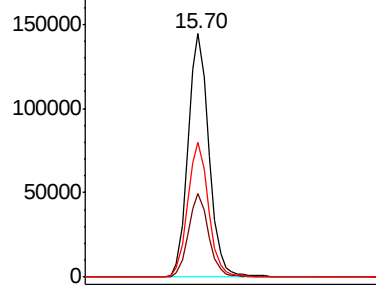


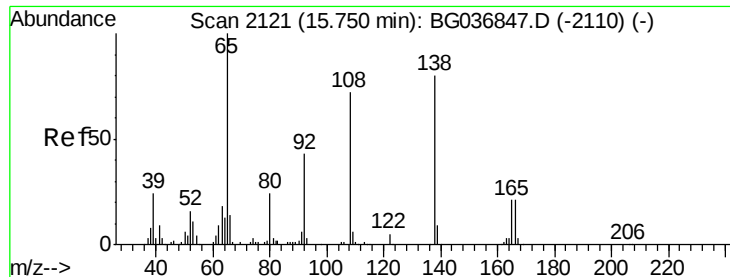
Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





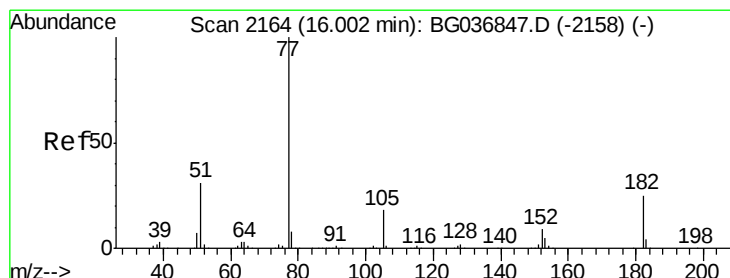
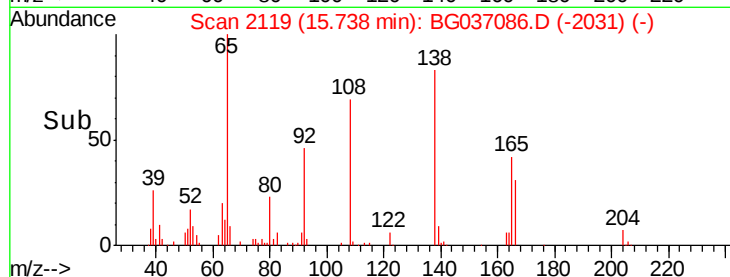
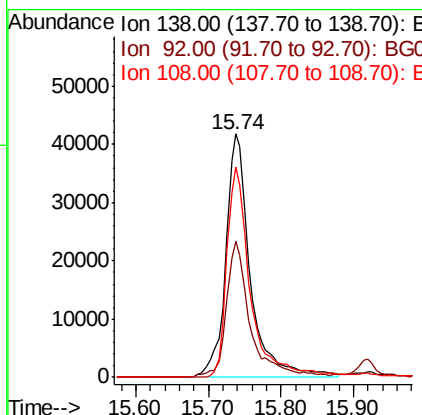
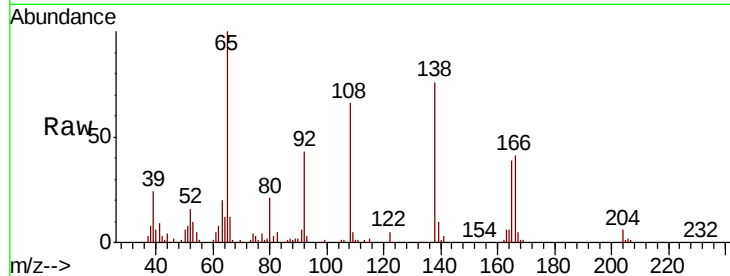
#61
4-Nitroaniline
Concen: 41.837 ng
RT: 15.74 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BG037086.D
Acq: 1 Oct 2018 21:33

Instrument :
BNA_G
ClientSampleId :
HC-SOIL-1MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	56.0	38.5	78.5
108	86.4	70.3	110.3

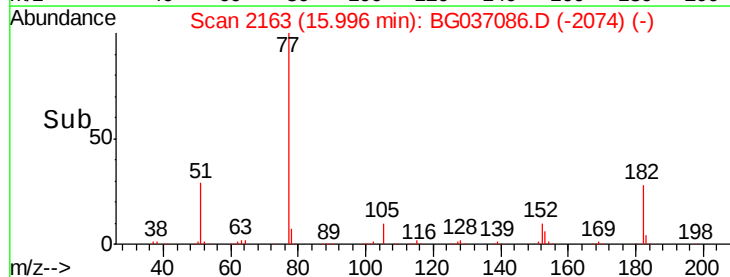
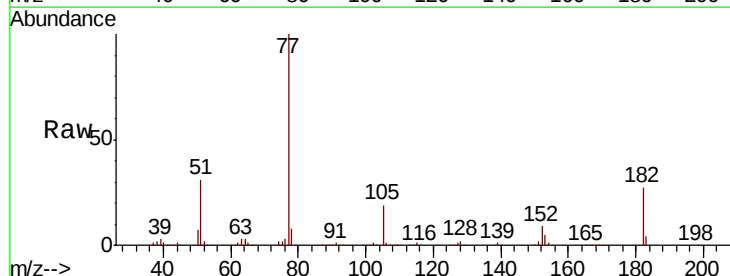
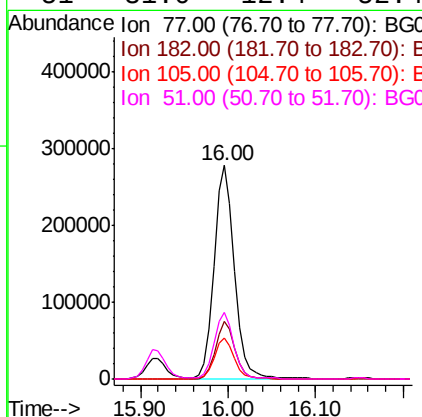
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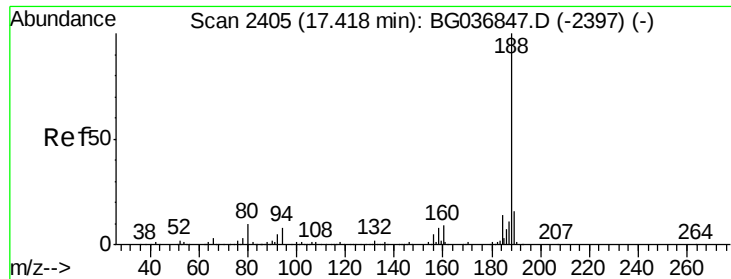
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#62
Azobenzene
Concen: 47.125 ng
RT: 16.00 min Scan# 2163
Delta R.T. -0.01 min
Lab File: BG037086.D
Acq: 1 Oct 2018 21:33

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.8	6.7	46.7
105	19.5	0.0	39.8
51	31.0	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: BG037086.D

Acq: 1 Oct 2018 21:33

Instrument :

BNA_G

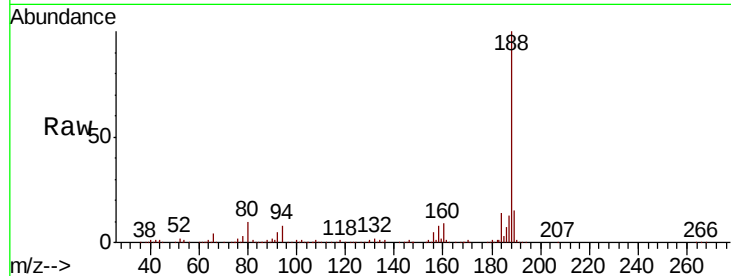
ClientSampleId :

HC-SOIL-1MS

Tot Ion:	188	Resp:	297001
Ion Ratio	Lower	Upper	
188	100		
94	7.8	6.7	10.1
80	10.0	8.1	12.1

Manual Integrations
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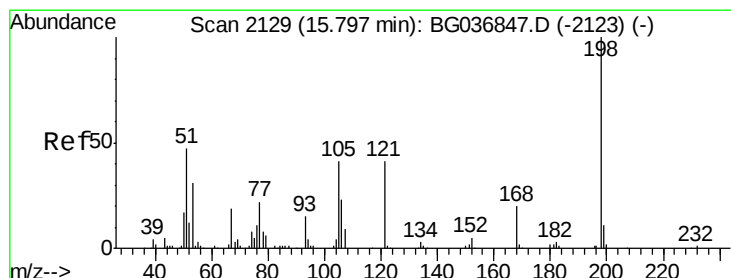
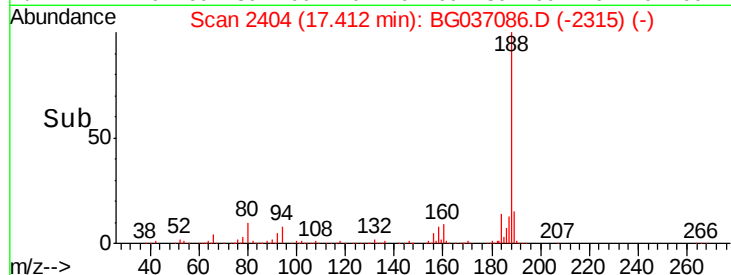
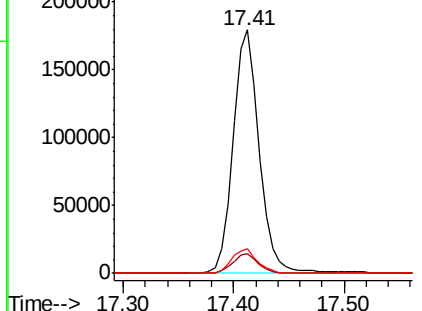
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 30.658 ng

RT: 15.79 min Scan# 2128

Delta R.T. -0.01 min

Lab File: BG037086.D

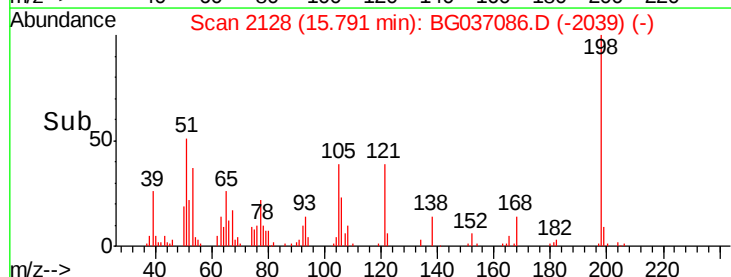
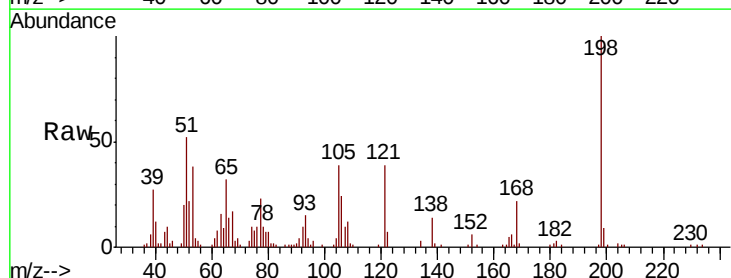
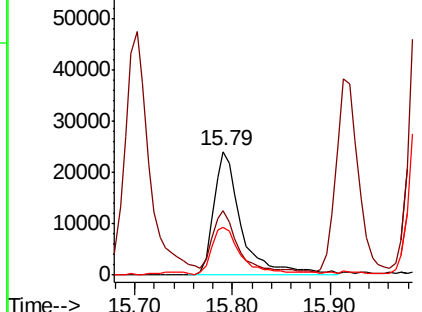
Acq: 1 Oct 2018 21:33

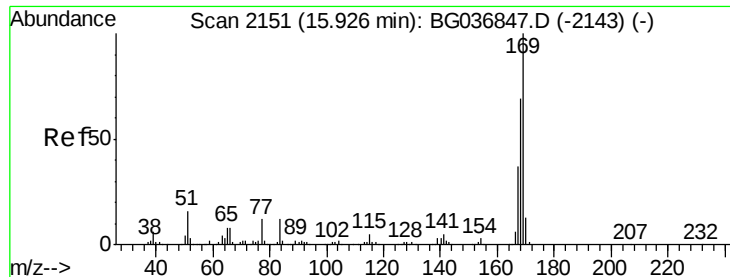
Tgt Ion:	198	Resp:	47605
Ion Ratio	Lower	Upper	
198	100		
51	52.0	26.5	66.5
105	39.2	20.2	60.2

Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





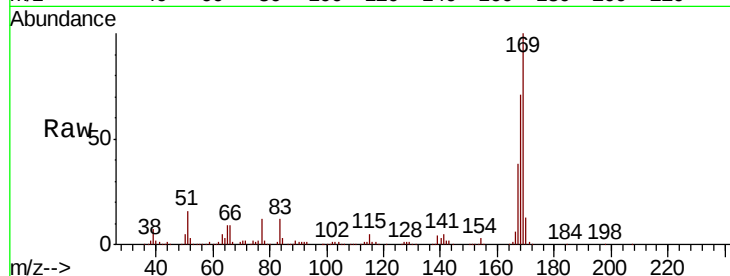
#65
n-Nitrosodiphenylamine
Concen: 45.012 ng
RT: 15.92 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BG037086.D
Acq: 1 Oct 2018 21:33

Instrument :
BNA_G
ClientSampleId :
HC-SOIL-1MS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	369070		
168	71.1		57.6	86.4
167	38.0		31.0	46.4

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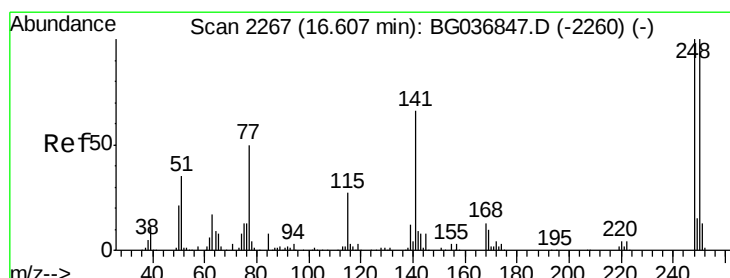
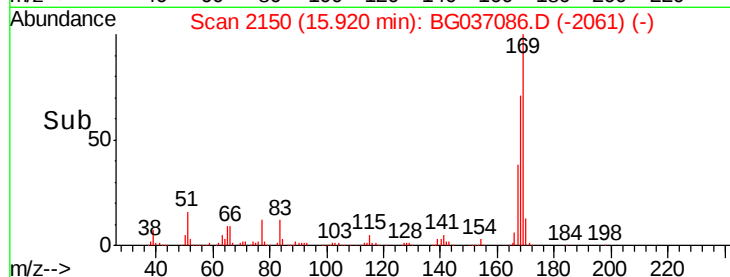
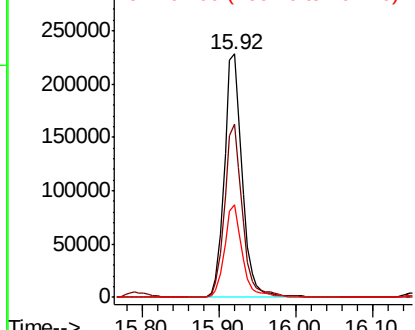


Abundance

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: 42.900 ng
RT: 16.60 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BG037086.D
Acq: 1 Oct 2018 21:33

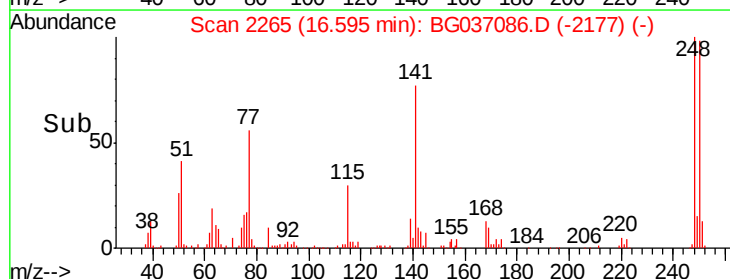
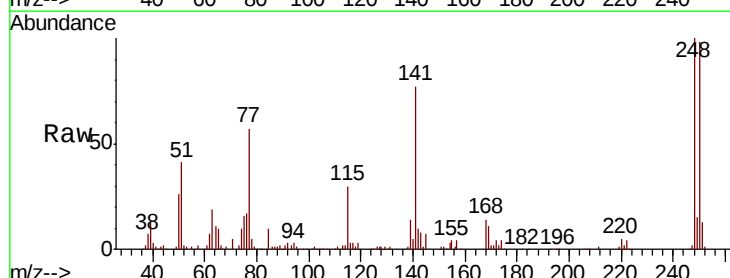
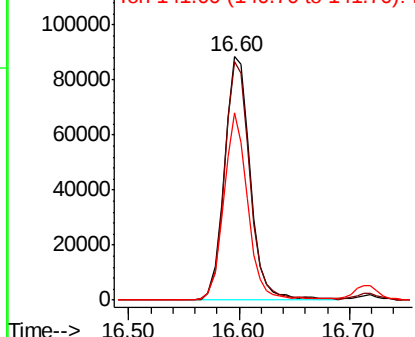
Tgt Ion	Ratio	Resp	Lower	Upper
248	100	144927		
250	98.0		78.1	117.1
141	77.2		53.7	80.5

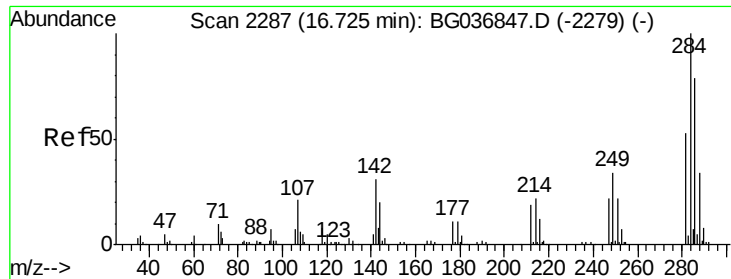
Abundance

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: 41.669 ng

RT: 16.72 min Scan# 2286

Delta R.T. -0.01 min

Lab File: BG037086.D

Acq: 1 Oct 2018 21:33

Instrument :

BNA_G

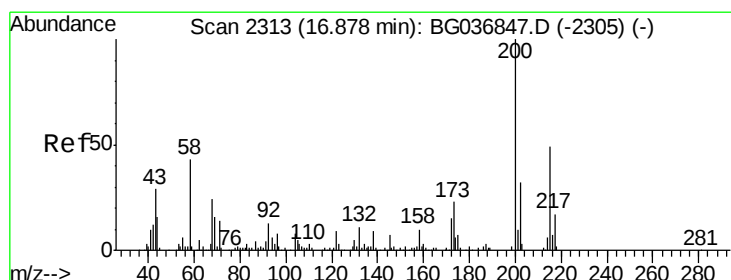
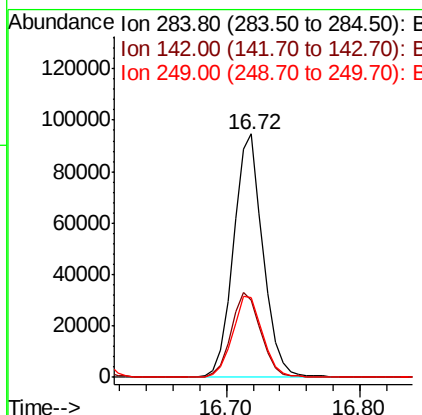
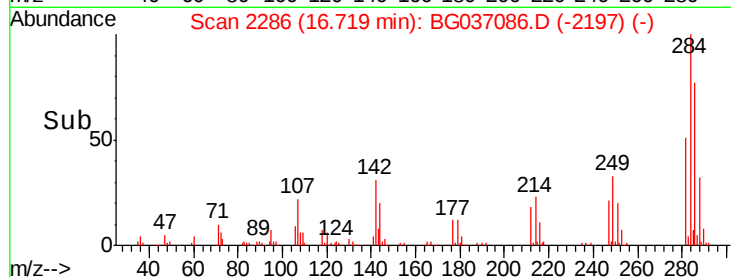
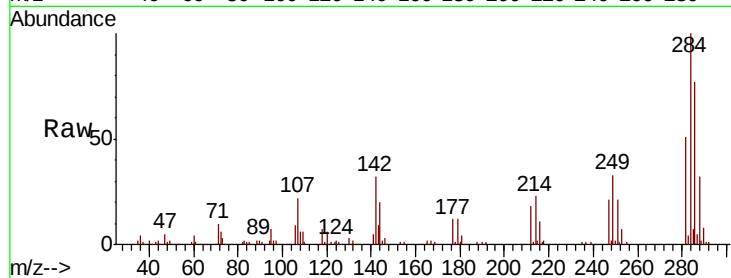
ClientSampled :

HC-SOIL-1MS

Tot Ion:	284	Resp:	144981
Ion Ratio	Lower	Upper	
284	100		
142	31.8	27.8	41.6
249	32.5	27.4	41.2

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#68

Atrazine

Concen: 45.968 ng

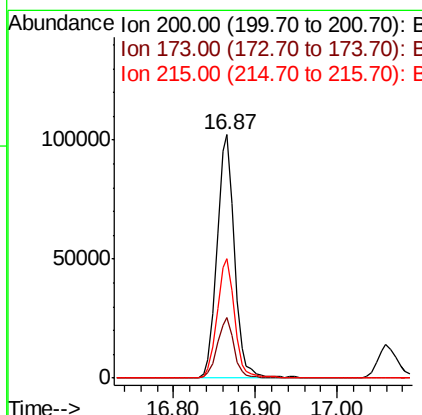
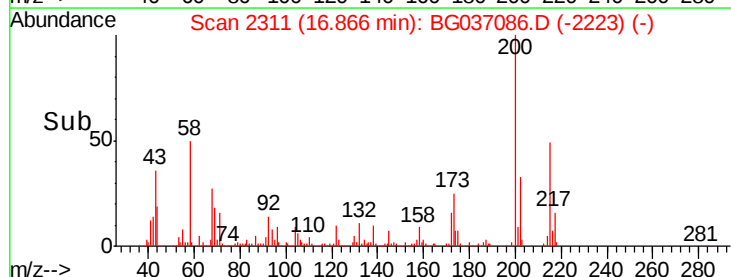
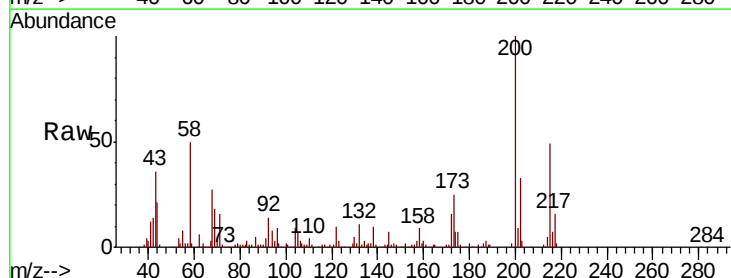
RT: 16.87 min Scan# 2311

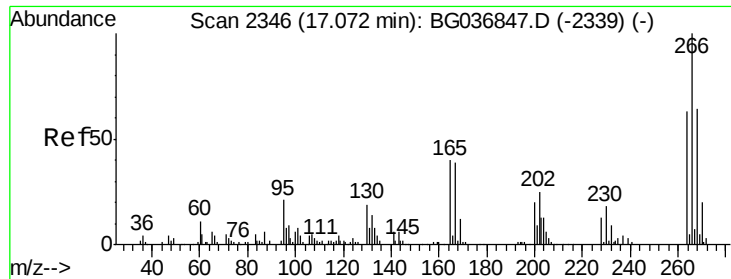
Delta R.T. -0.01 min

Lab File: BG037086.D

Acq: 1 Oct 2018 21:33

Tgt Ion:	200	Resp:	152612
Ion Ratio	Lower	Upper	
200	100		
173	25.1	3.9	43.9
215	49.0	30.4	70.4





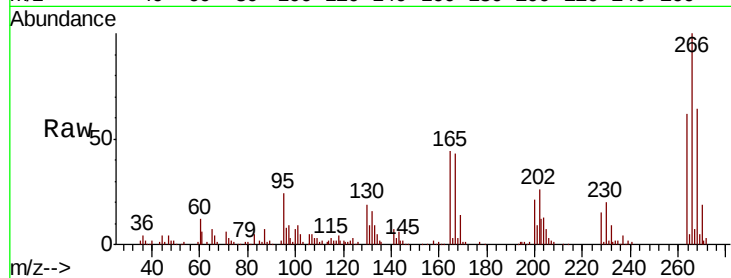
#69
 Pentachlorophenol
 Concen: 58.403 ng
 RT: 17.06 min Scan# 2344
 Delta R.T. -0.01 min
 Lab File: BG037086.D
 Acq: 1 Oct 2018 21:33

Instrument :
 BNA_G
 ClientSampleId :
 HC-SOIL-1MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	127938		
268	63.6		51.4	77.2
264	61.6		48.9	73.3

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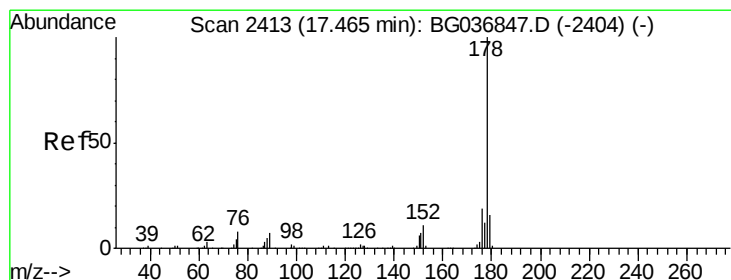
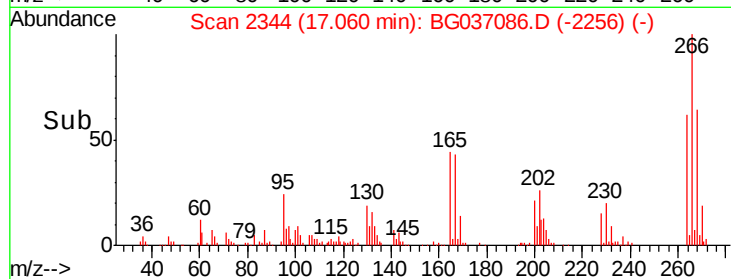
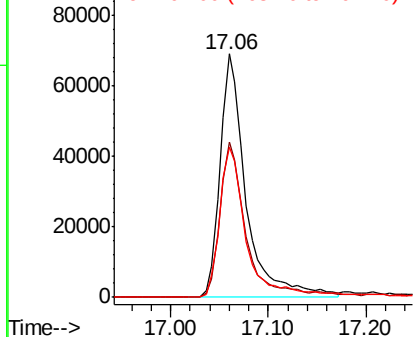


Abundance

Ion 265.70 (265.40 to 266.40): E

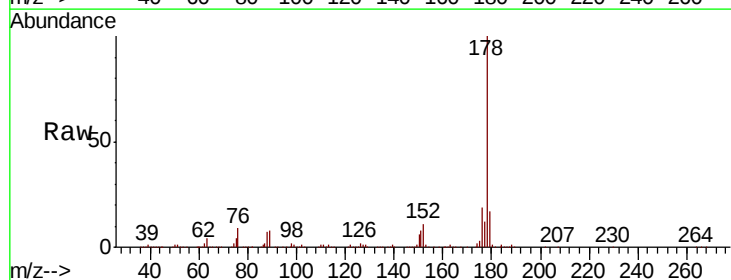
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 47.972 ng
 RT: 17.45 min Scan# 2411
 Delta R.T. -0.01 min
 Lab File: BG037086.D
 Acq: 1 Oct 2018 21:33

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	686596		
176	19.5		15.4	23.2
179	16.7		13.4	20.2

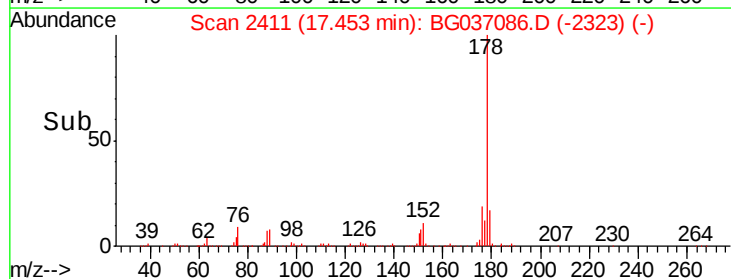
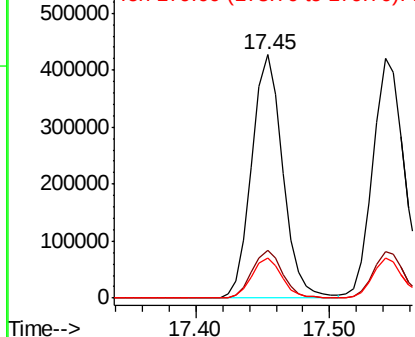


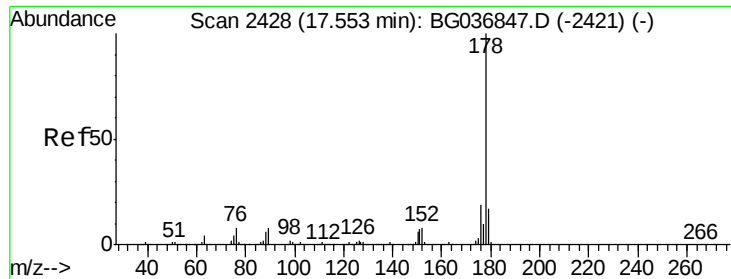
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





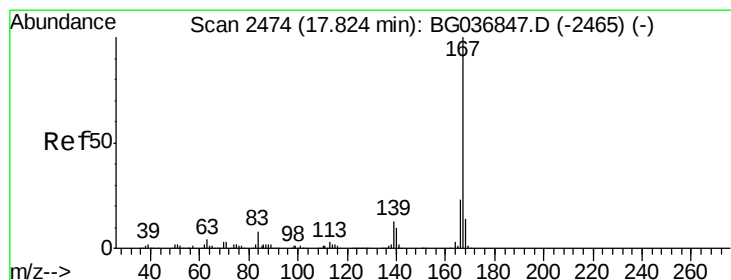
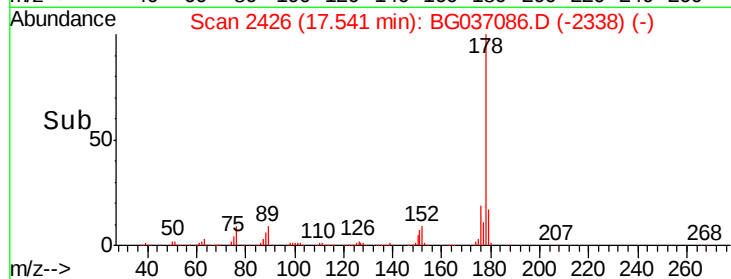
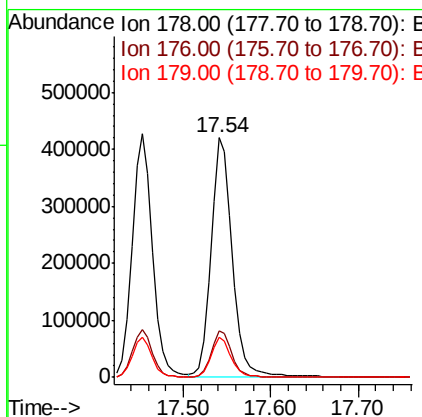
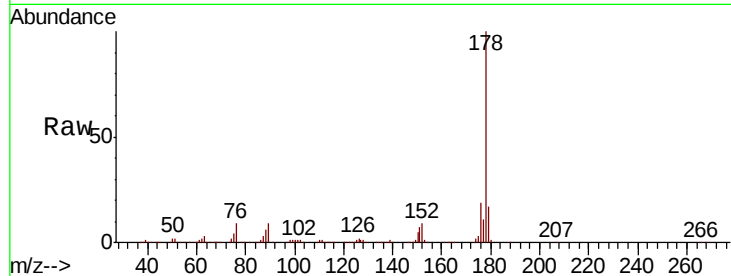
#71
 Anthracene
 Concen: 49.723 ng
 RT: 17.54 min Scan# 2426
 Delta R.T. -0.01 min
 Lab File: BG037086.D
 Acq: 1 Oct 2018 21:33

Instrument :
 BNA_G
 ClientSampleId :
 HC-SOIL-1MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	16.6	13.0	19.4

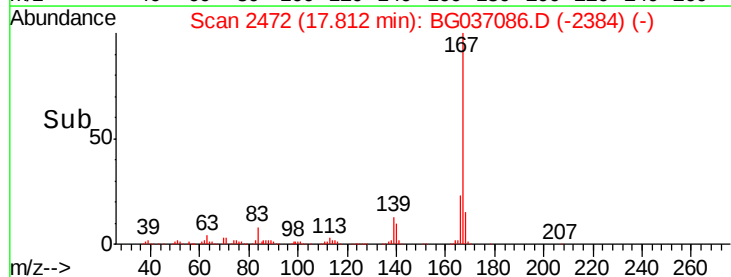
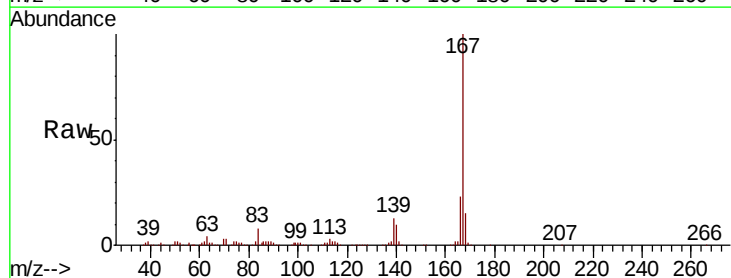
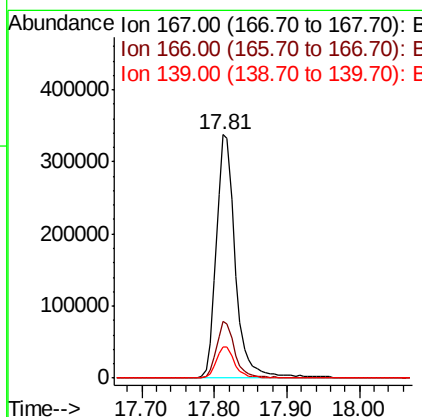
Manual Integrations
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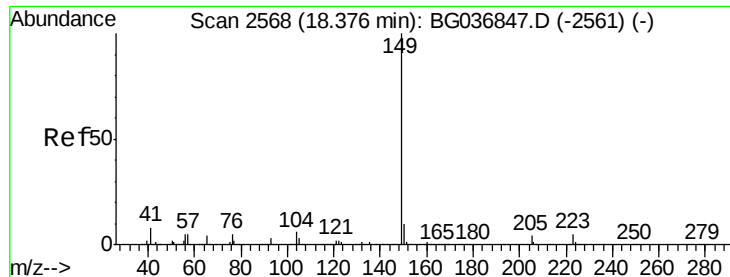
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#72
 Carbazole
 Concen: 44.842 ng
 RT: 17.81 min Scan# 2472
 Delta R.T. -0.01 min
 Lab File: BG037086.D
 Acq: 1 Oct 2018 21:33

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.3	19.5	29.3
139	12.9	10.7	16.1





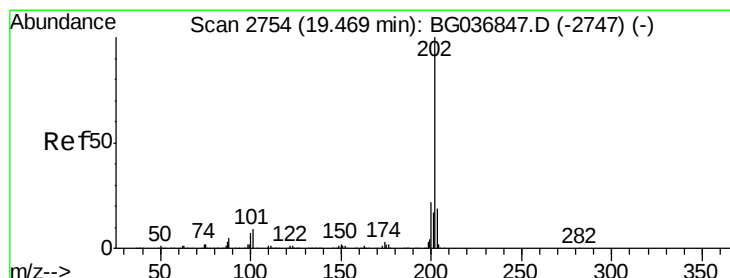
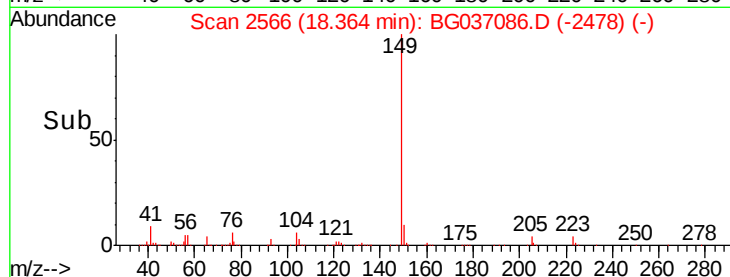
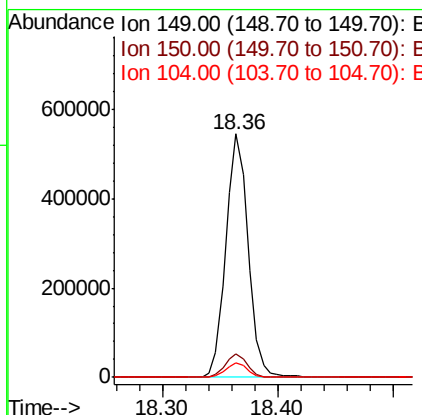
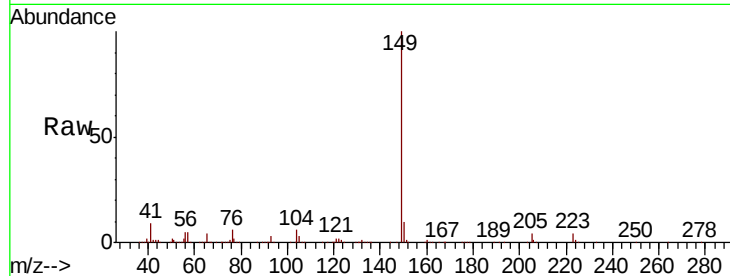
#73
Di-n-butylphthalate
Concen: 47.461 ng
RT: 18.36 min Scan# 2566
Delta R.T. -0.01 min
Lab File: BG037086.D
Acq: 1 Oct 2018 21:33

Instrument :
BNA_G
ClientSampleId :
HC-SOIL-1MS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
150	9.6	8.1	12.1
104	5.8	4.6	6.8

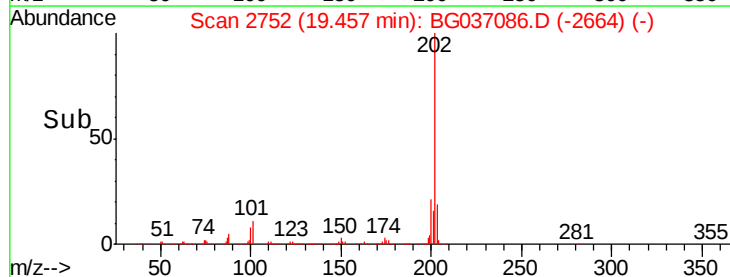
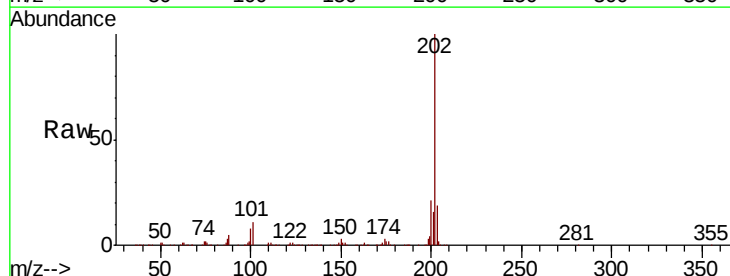
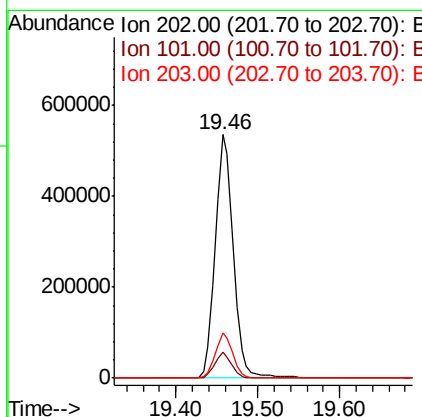
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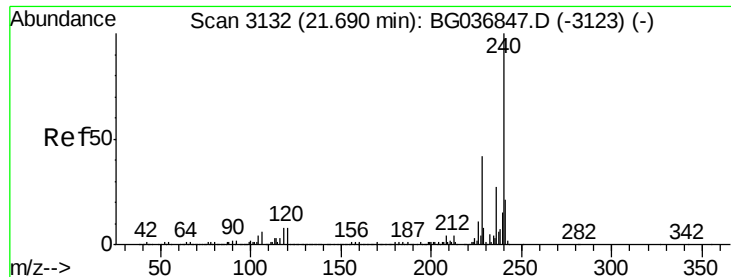
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#74
Fluoranthene
Concen: 47.997 ng
RT: 19.46 min Scan# 2752
Delta R.T. -0.01 min
Lab File: BG037086.D
Acq: 1 Oct 2018 21:33

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	10.8	0.0	29.4
203	18.6	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: BG037086.D

Acq: 1 Oct 2018 21:33

Instrument :

BNA_G

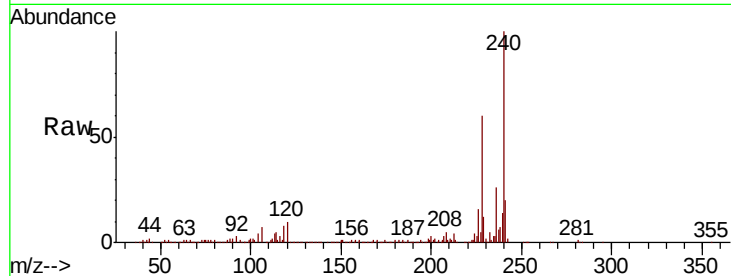
ClientSampleId :

HC-SOIL-1MS

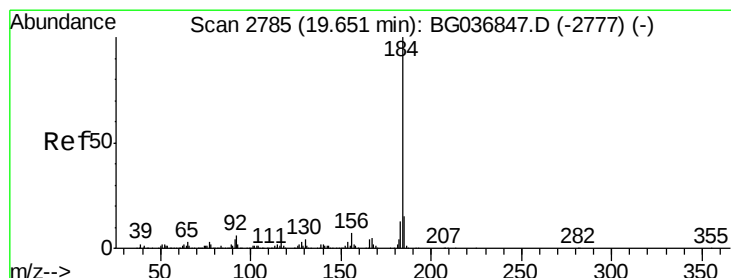
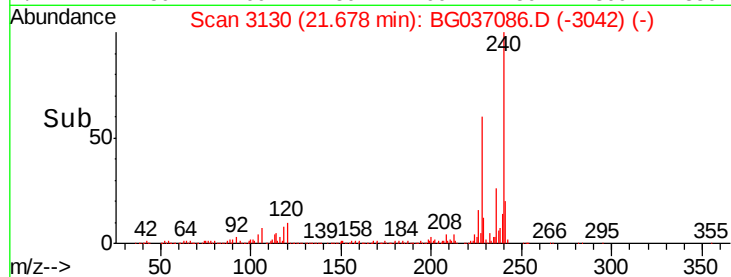
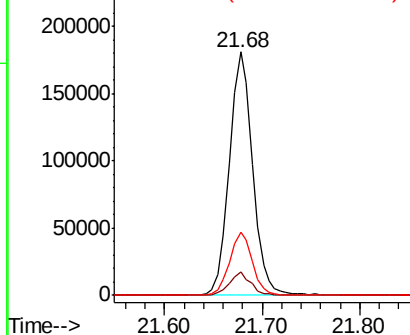
Tot Ion:	240	Resp:	300450
Ion Ratio		Lower	Upper
240	100		
120	9.5	6.9	10.3
236	25.8	21.2	31.8

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 13.240 ng

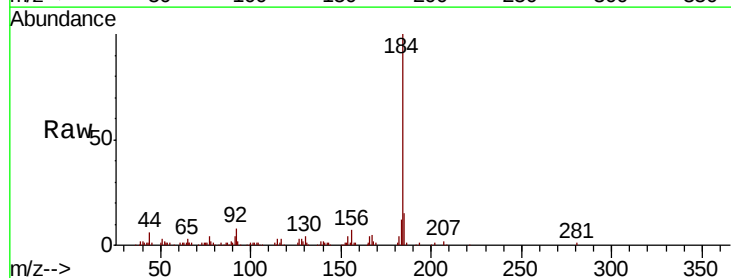
RT: 19.64 min Scan# 2784

Delta R.T. -0.01 min

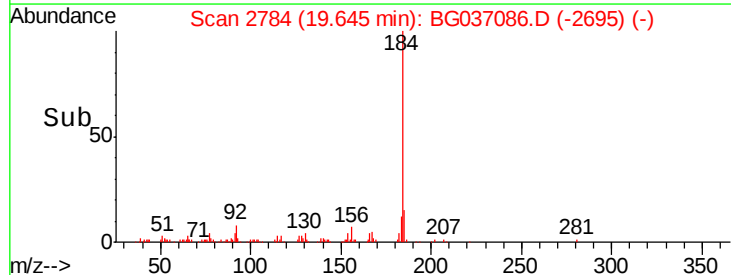
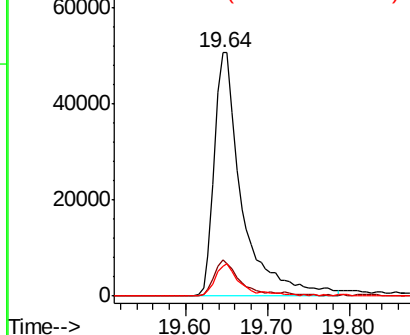
Lab File: BG037086.D

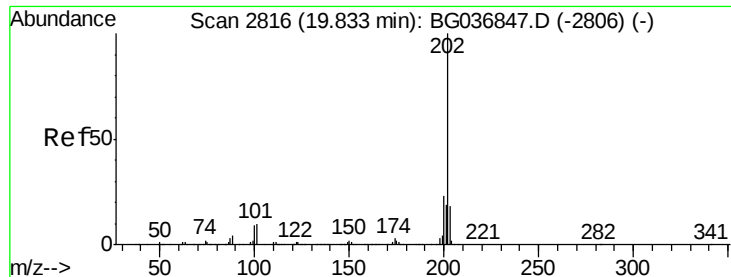
Acq: 1 Oct 2018 21:33

Tgt Ion:	184	Resp:	120248
Ion Ratio		Lower	Upper
184	100		
185	15.1	12.6	18.8
183	12.2	10.9	16.3



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





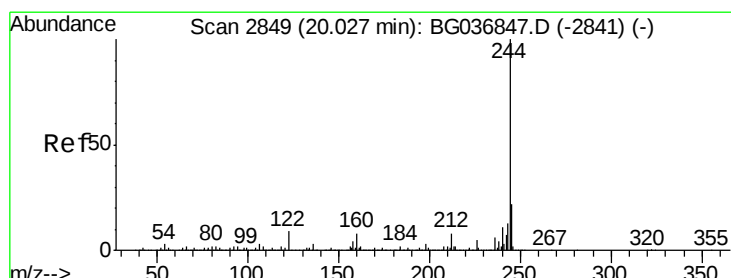
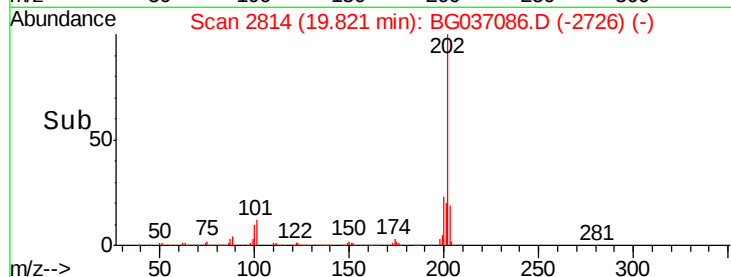
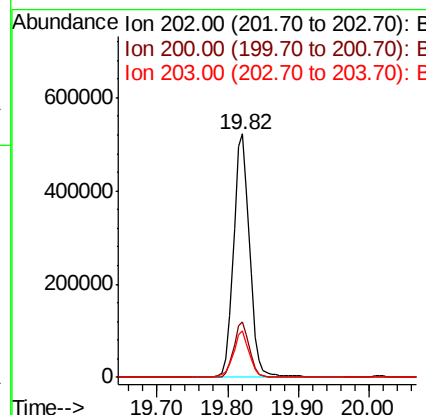
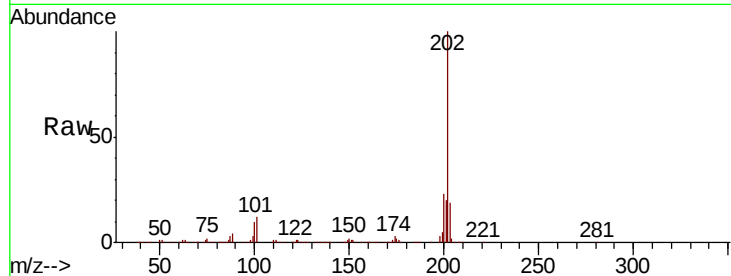
#77
Pvrene
Concen: 45.673 ng
RT: 19.82 min Scan# 2814
Delta R.T. -0.01 min
Lab File: BG037086.D
Acq: 1 Oct 2018 21:33

Instrument :
BNA_G
ClientSampleId :
HC-SOIL-1MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.7	18.3	27.5
203	18.9	15.1	22.7

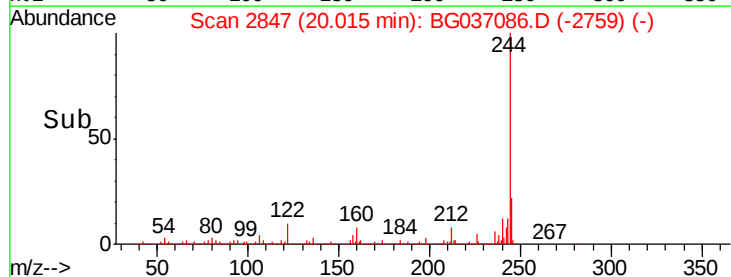
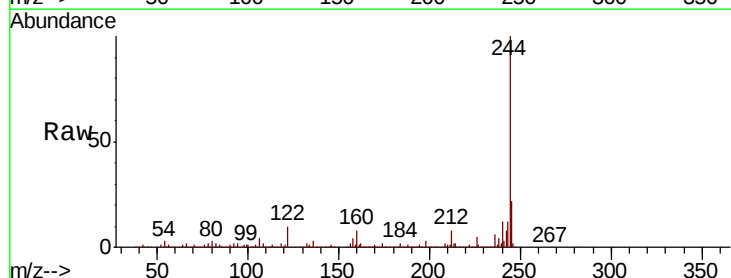
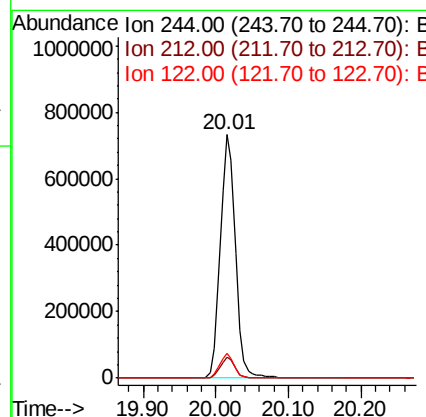
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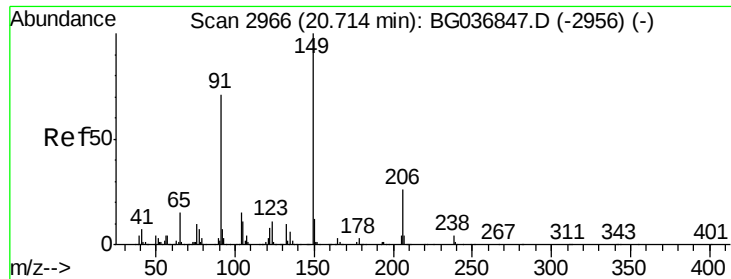
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#78
Terphenyl-d14
Concen: 92.653 ng
RT: 20.01 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BG037086.D
Acq: 1 Oct 2018 21:33

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.0	10.6
122	10.1	7.1	10.7





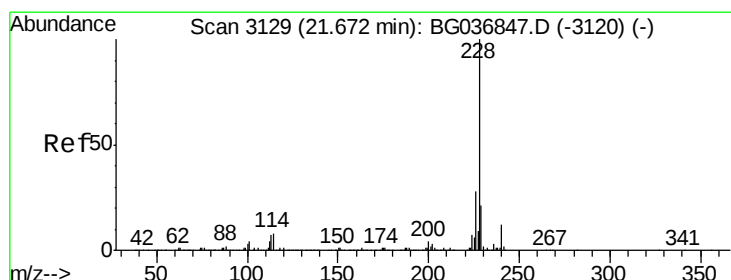
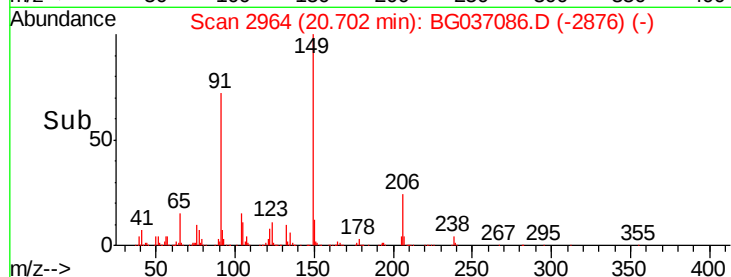
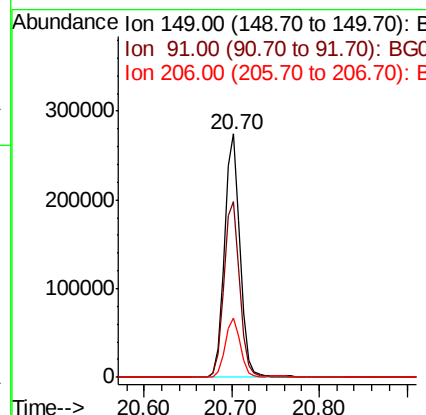
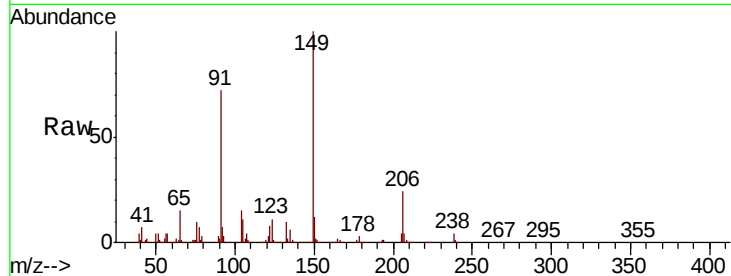
#79
Butylbenzylphthalate
Concen: 47.213 ng
RT: 20.70 min Scan# 2964
Delta R.T. -0.01 min
Lab File: BG037086.D
Acq: 1 Oct 2018 21:33

Instrument :
BNA_G
ClientSampleId :
HC-SOIL-1MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	339291		
91	72.4	62.0	93.0	
206	24.2	19.6	29.4	

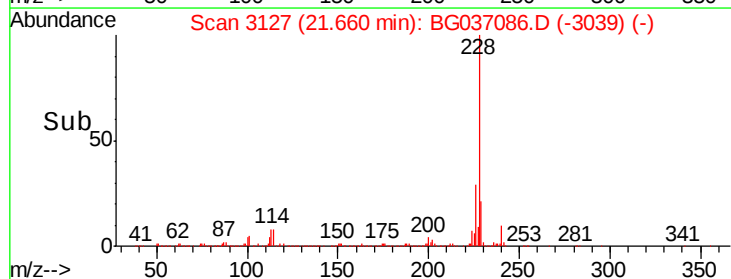
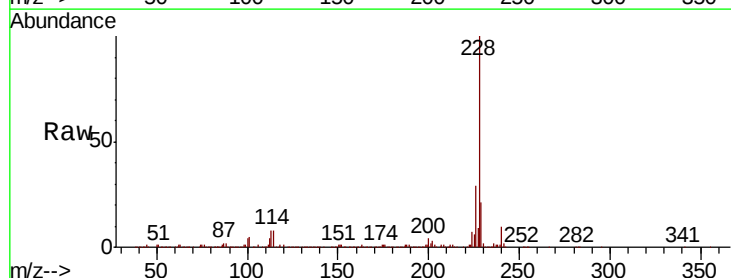
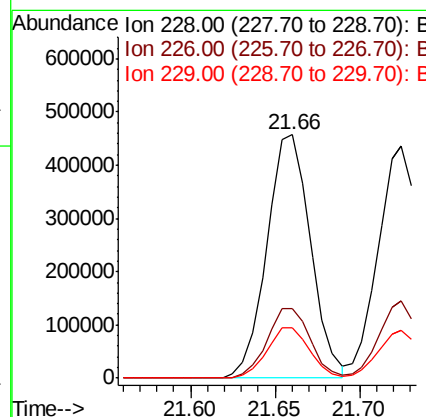
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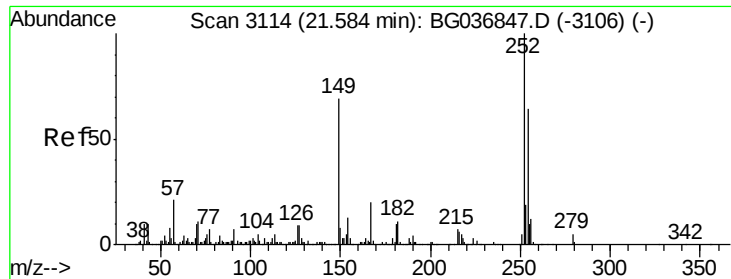
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#80
Benzo(a)anthracene
Concen: 46.514 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BG037086.D
Acq: 1 Oct 2018 21:33

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	815801		
226	28.6	23.4	35.2	
229	20.7	17.1	25.7	





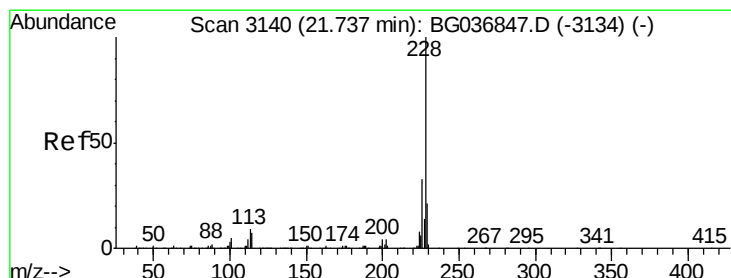
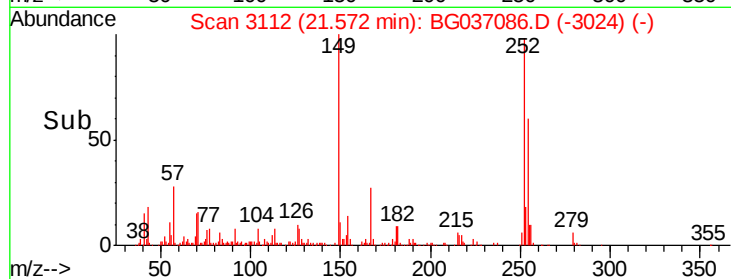
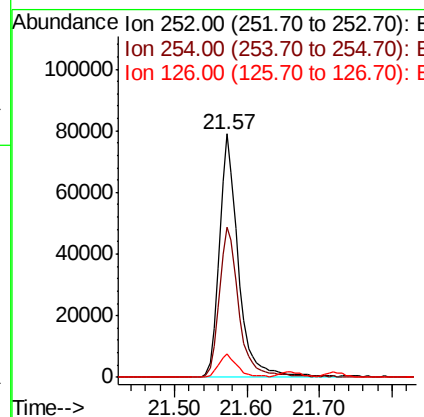
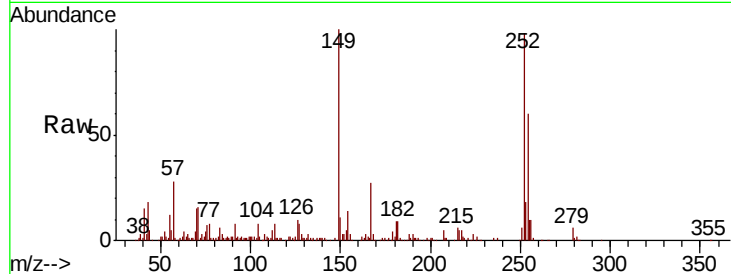
#81
 3,3'-Dichlorobenzidine
 Concen: 21.494 ng
 RT: 21.57 min Scan# 3112
 Delta R.T. -0.01 min
 Lab File: BG037086.D
 Acq: 1 Oct 2018 21:33

Instrument :
 BNA_G
 ClientSampled :
 HC-SOIL-1MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	61.5	51.0	76.4
126	9.8	7.4	11.0

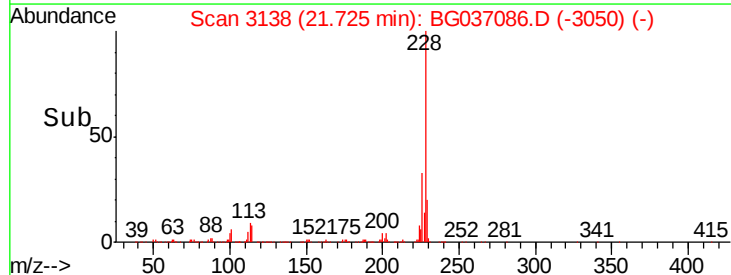
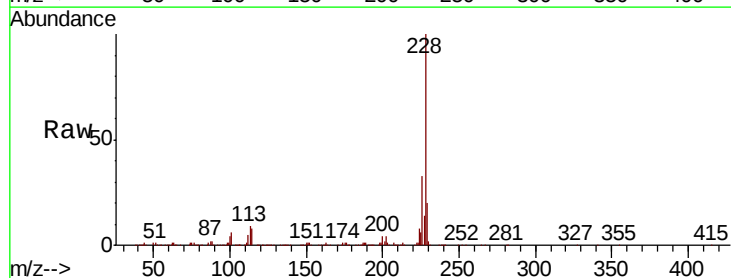
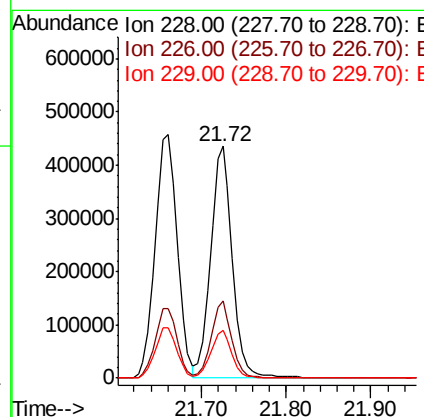
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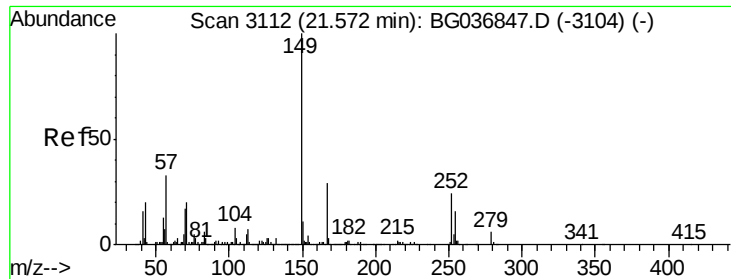
Sohil
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#82
 Chrysene
 Concen: 45.933 ng
 RT: 21.72 min Scan# 3138
 Delta R.T. -0.01 min
 Lab File: BG037086.D
 Acq: 1 Oct 2018 21:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.4	25.5	38.3
229	20.5	16.9	25.3





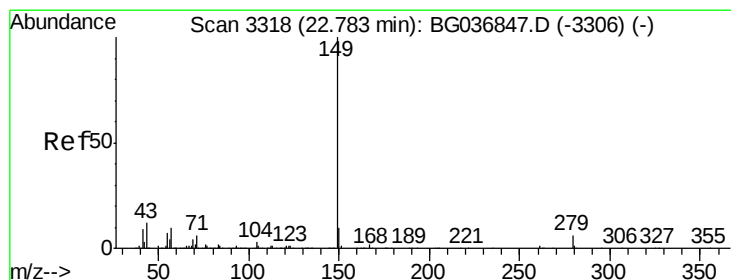
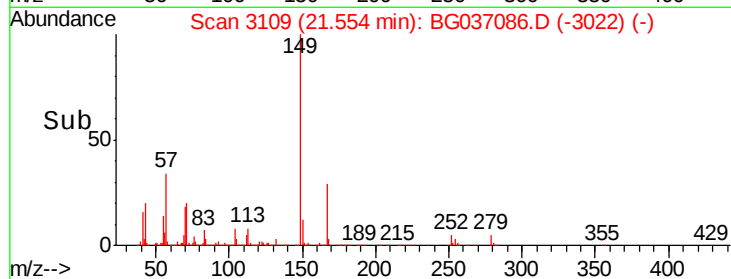
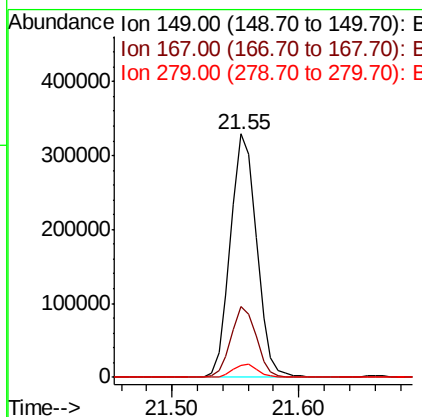
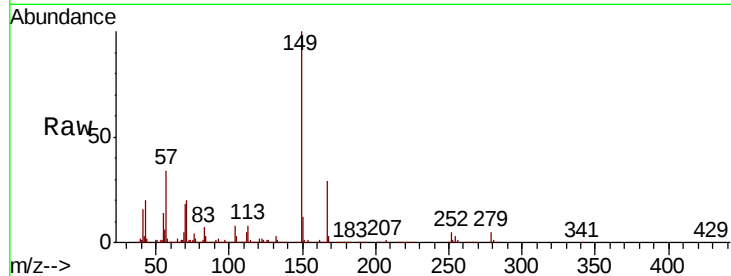
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.902 ng
 RT: 21.55 min Scan# 3109
 Delta R.T. -0.02 min
 Lab File: BG037086.D
 Acq: 1 Oct 2018 21:33

Instrument :
 BNA_G
 ClientSampleId :
 HC-SOIL-1MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	28.9	23.4	35.0
279	5.0	4.6	7.0

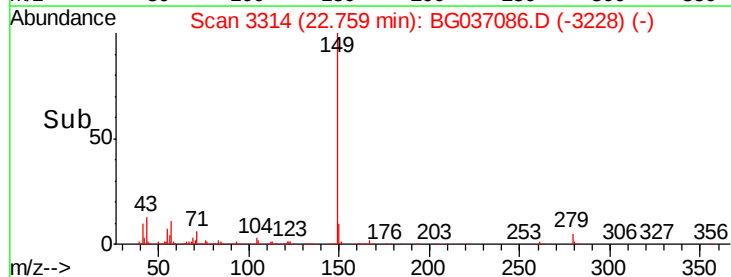
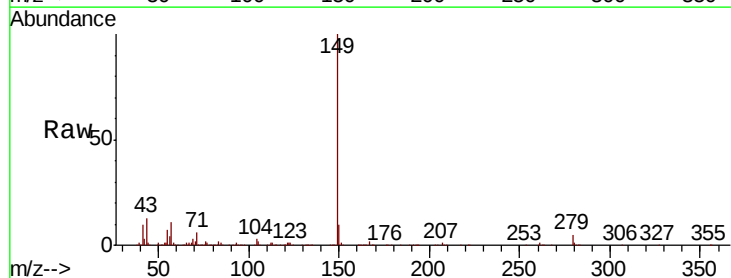
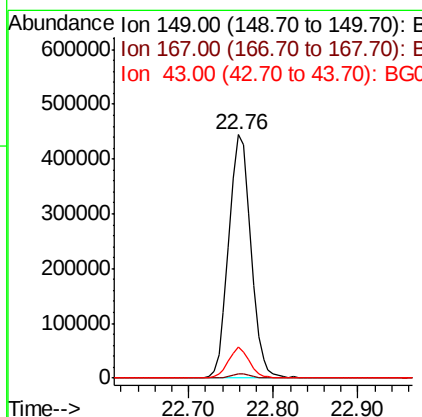
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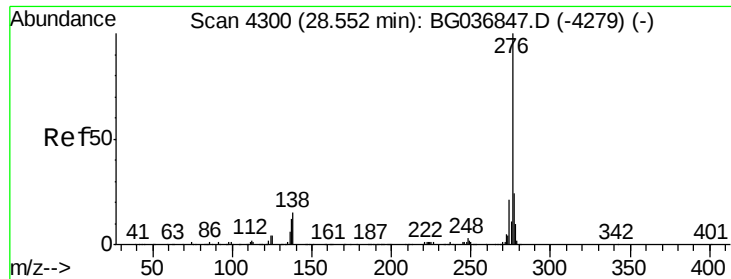
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#84
 Di-n-octyl phthalate
 Concen: 48.575 ng
 RT: 22.76 min Scan# 3314
 Delta R.T. -0.02 min
 Lab File: BG037086.D
 Acq: 1 Oct 2018 21:33

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	12.0	10.0	15.0





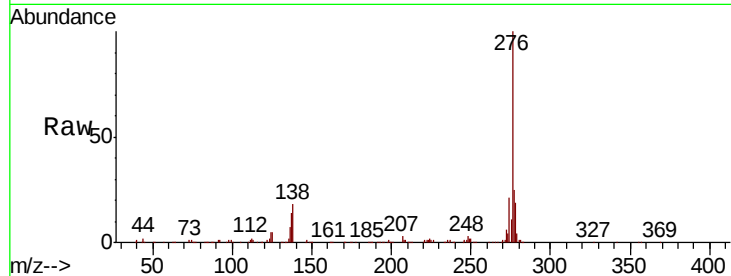
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 49.665 ng
 RT: 28.53 min Scan# 4296
 Delta R.T. -0.02 min
 Lab File: BG037086.D
 Acq: 1 Oct 2018 21:33

Instrument :
 BNA_G
 ClientSampleId :
 HC-SOIL-1MS

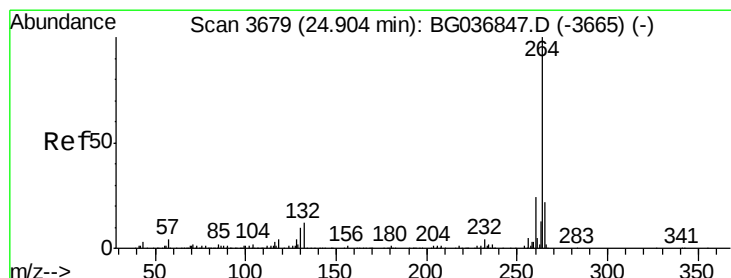
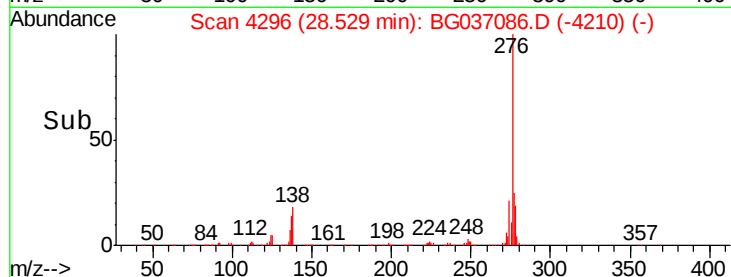
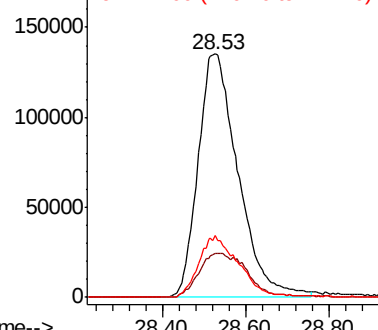
Tot Ion	Ratio	Lower	Upper
276	100		
138	13.5	10.6	15.8
277	9.6	20.6	30.8#

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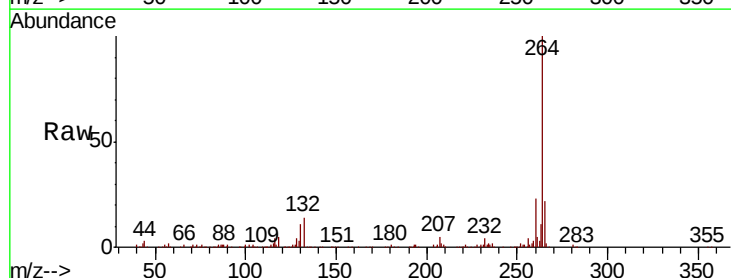


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

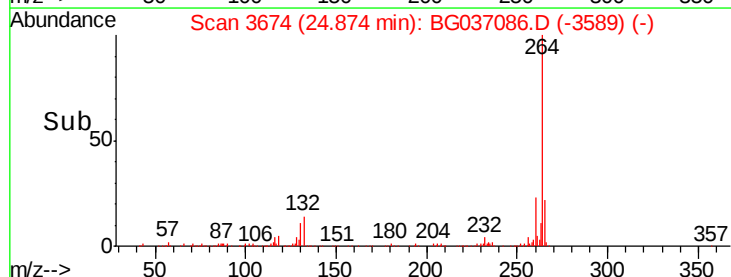
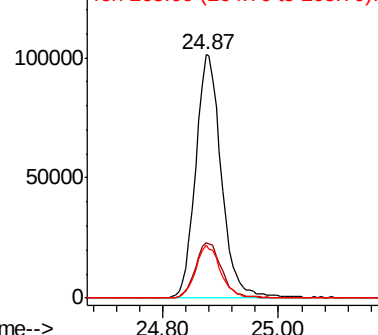


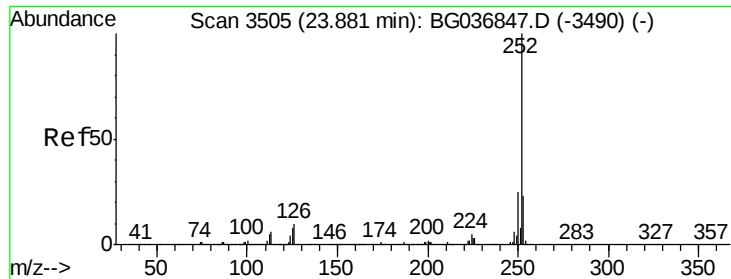
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.87 min Scan# 3674
 Delta R.T. -0.03 min
 Lab File: BG037086.D
 Acq: 1 Oct 2018 21:33

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.6	29.4
265	21.9	17.4	26.0



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 48.883 ng

RT: 23.86 min Scan# 3502

Delta R.T. -0.02 min

Lab File: BG037086.D

Acq: 1 Oct 2018 21:33

Instrument :

BNA_G

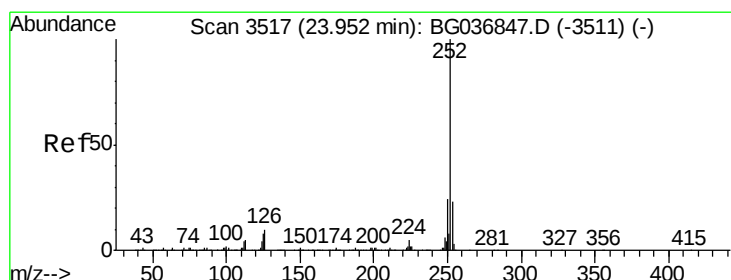
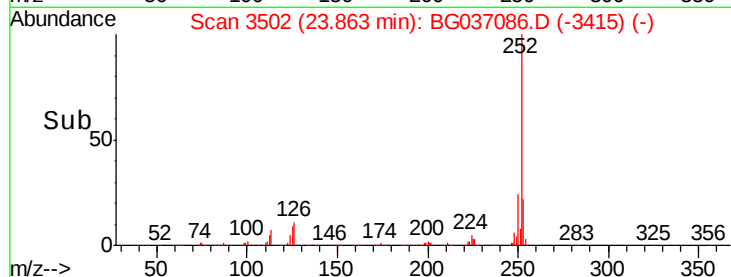
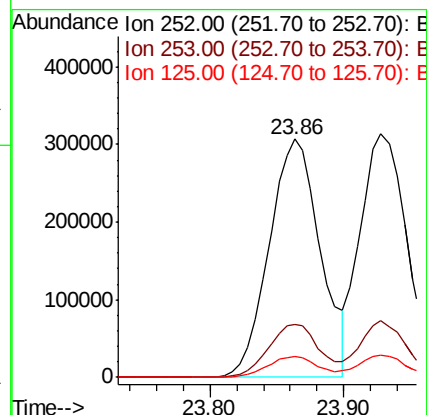
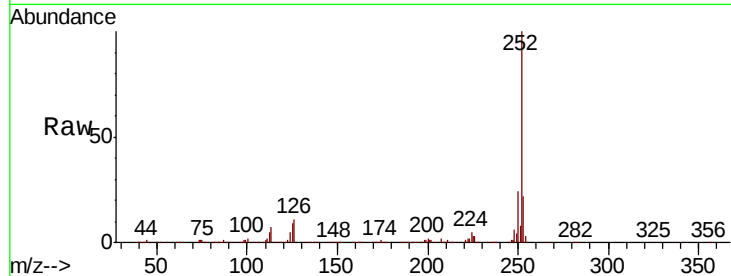
ClientSampleId :

HC-SOIL-1MS

Tot Ion:	252	Resp:	815542
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.1	25.7
125	8.9	6.6	10.0

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#88

Benzo(k)fluoranthene

Concen: 46.836 ng

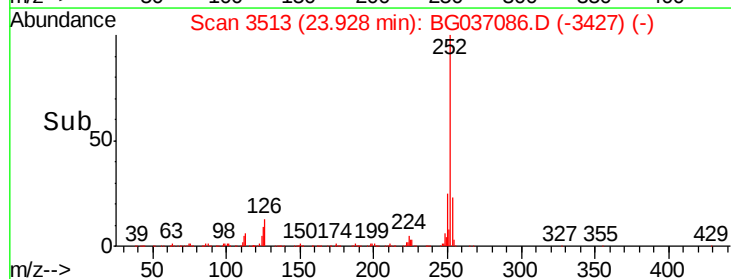
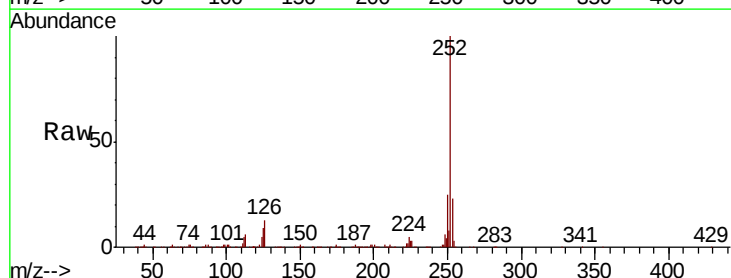
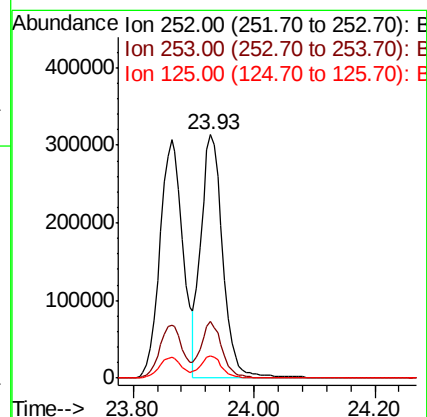
RT: 23.93 min Scan# 3513

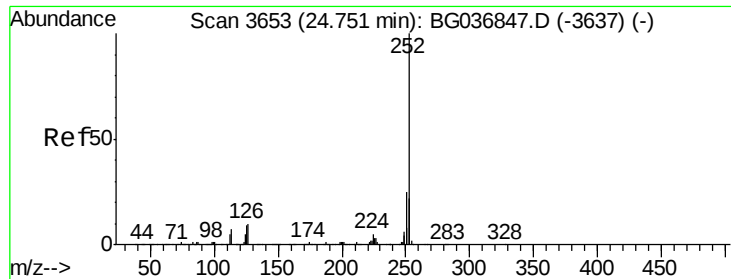
Delta R.T. -0.02 min

Lab File: BG037086.D

Acq: 1 Oct 2018 21:33

Tgt Ion:	252	Resp:	783936
Ion Ratio	Lower	Upper	
252	100		
253	23.4	18.0	27.0
125	9.0	7.0	10.6





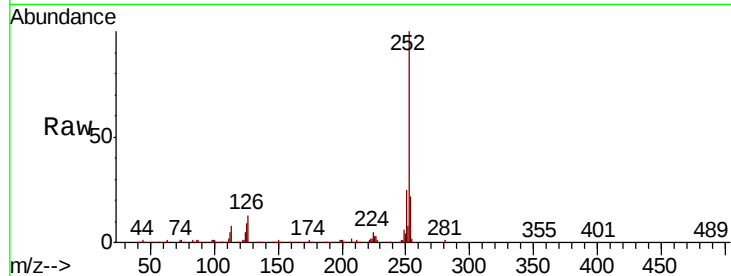
#89
Benzo(a)pyrene
Concen: 48.114 ng
RT: 24.73 min Scan# 3649
Delta R.T. -0.02 min
Lab File: BG037086.D
Acq: 1 Oct 2018 21:33

Instrument :
BNA_G
ClientSampleId :
HC-SOIL-1MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.2
125	9.4	7.3	10.9

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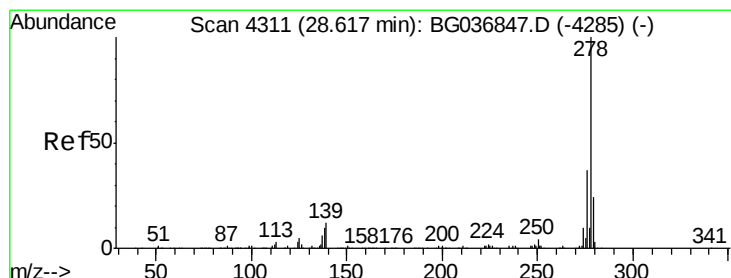
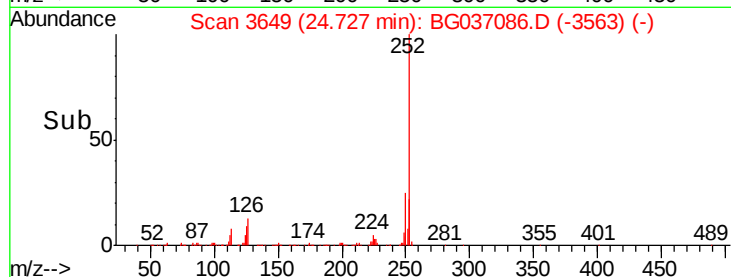
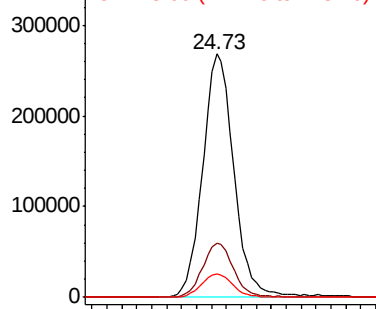


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Dibenzo(a,h)anthracene
Concen: 48.252 ng
RT: 28.59 min Scan# 4306
Delta R.T. -0.03 min
Lab File: BG037086.D
Acq: 1 Oct 2018 21:33

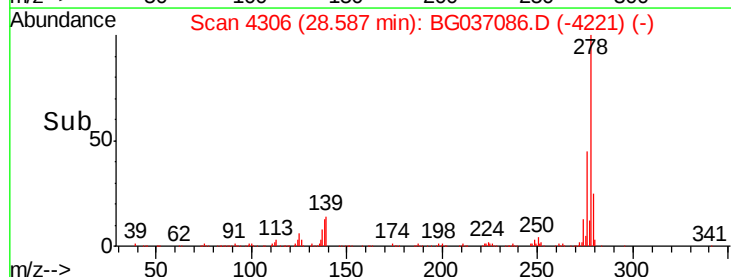
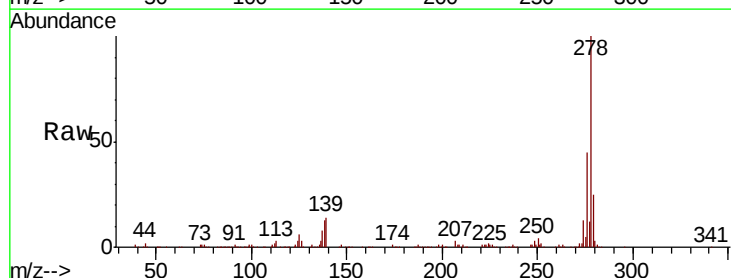
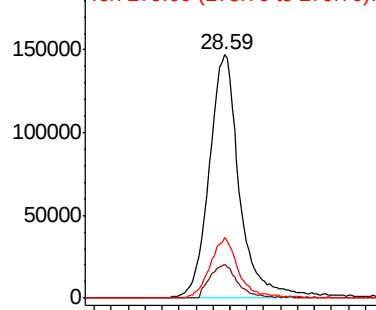
Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.8	11.0	16.4
279	24.6	18.7	28.1

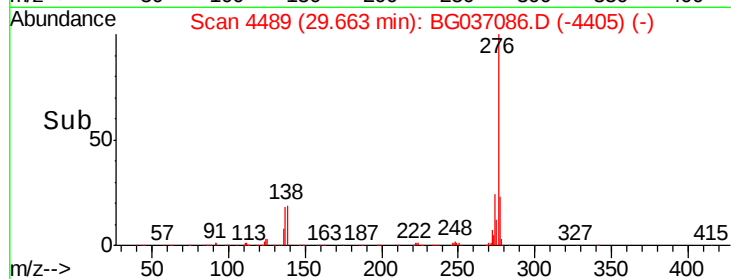
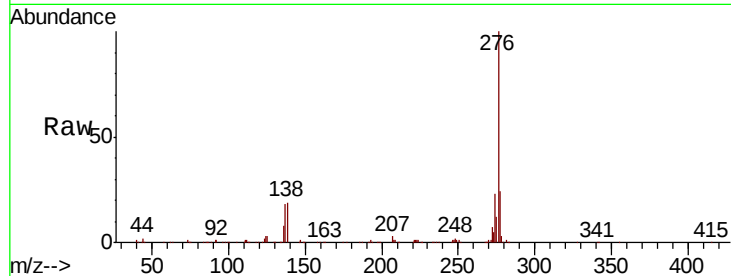
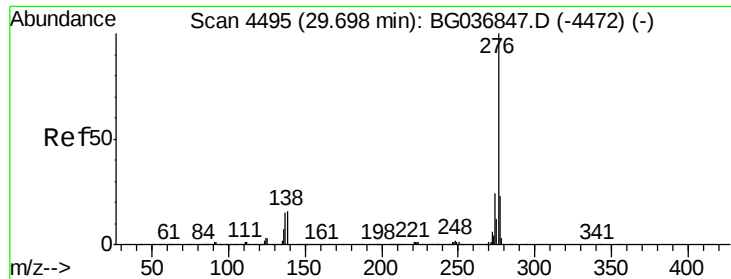
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 48.638 ng
 RT: 29.66 min Scan# 4489
 Delta R.T. -0.04 min
 Lab File: BG037086.D
 Acq: 1 Oct 2018 21:33

Instrument :
 BNA_G
 ClientSampleId :
 HC-SOIL-1MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.4	27.6
138	18.9	14.6	22.0

Manual Integrations
 APPROVED

Sohil
 10/2/2018 5:20:43 PM

