

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091218\
 Data File : BG036677.D
 Acq On : 12 Sep 2018 17:46
 Operator : JU/SJ
 Sample : J4842-18MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SG-SOILMSD

Manual Integrations
 APPROVED

Sohil
 9/13/2018 10:36:17 AM

Quant Time: Sep 13 01:36:01 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	61698	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	260083	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	170308	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	423146	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	422613	20.00	ng	0.00
86) Perylene-d12	24.89	264	427588	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	436988	112.35	ng	0.00
7) Phenol-d6	7.21	99	560826	100.71	ng	0.00
23) Nitrobenzene-d5	9.22	82	420093	87.64	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	277170	136.39	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	944350	79.17	ng	-0.01
78) Terphenyl-d14	20.03	244	1550525	85.75	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.55	88	63256	34.849	ng	# 93
3) Pyridine	3.94	79	179973	35.323	ng	97
4) n-Nitrosodimethylamine	3.84	42	98774	43.525	ng	96
6) Aniline	7.38	93	127059	17.975	ng	95
8) 2-Chlorophenol	7.62	128	207866	49.282	ng	97
9) Benzaldehyde	7.19	77	99187	25.865	ng	97
10) Phenol	7.24	94	246659	42.326	ng	99
11) bis(2-Chloroethyl)ether	7.47	93	211843	45.853	ng	99
12) 1,3-Dichlorobenzene	7.94	146	212059	44.030	ng	98
13) 1,4-Dichlorobenzene	8.09	146	213871	43.983	ng	99
14) 1,2-Dichlorobenzene	8.41	146	208835	44.970	ng	99
15) Benzyl Alcohol	8.29	79	209150	46.590	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.58	45	392992	42.179	ng	97
17) 2-Methylphenol	8.49	107	187094	48.351	ng	98
18) Hexachloroethane	9.14	117	78563	45.063	ng	93
19) n-Nitroso-di-n-propylamine	8.86	70	179946	43.237	ng	95
20) 3+4-Methylphenols	8.82	107	259333	48.003	ng	98
22) Acetophenone	8.88	105	333138	48.778	ng	# 98
24) Nitrobenzene	9.26	77	266809	51.617	ng	95
25) Isophorone	9.78	82	499471	52.451	ng	97
26) 2-Nitrophenol	9.97	139	117652	57.438	ng	97
27) 2,4-Dimethylphenol	10.03	122	210320	55.461	ng	98
28) bis(2-Chloroethoxy)methane	10.26	93	294006	50.306	ng	98
29) 2,4-Dichlorophenol	10.50	162	233189	56.108	ng	94
30) 1,2,4-Trichlorobenzene	10.72	180	236570	48.657	ng	99
31) Naphthalene	10.91	128	673991	51.840	ng	99
32) Benzoic acid	10.16	122	103057	37.714	ng	97
33) 4-Chloroaniline	11.02	127	27136	4.555	ng	96
34) Hexachlorobutadiene	11.19	225	160171	49.032	ng	99
35) Caprolactam	11.79	113	64031m	38.675	ng	
36) 4-Chloro-3-methylphenol	12.13	107	253131	52.417	ng	99
37) 2-Methylnaphthalene	12.51	142	521286	54.797	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	299102	49.627	ng	99
40) Hexachlorocyclopentadiene	12.85	237	332608	106.066	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	201477	54.878	nq	96
43) 2,4,5-Trichlorophenol	13.18	196	217030	55.423	nq	99
45) 1,1'-Biphenyl	13.51	154	670927	47.459	nq	98
46) 2-Chloronaphthalene	13.56	162	522614	48.425	nq	99
47) 2-Nitroaniline	13.76	65	187623	55.362	nq	97
48) Acenaphthylene	14.40	152	879930	52.170	nq	99
49) Dimethylphthalate	14.13	163	702174	50.492	nq	99
50) 2,6-Dinitrotoluene	14.25	165	158018	55.220	nq	92
51) Acenaphthene	14.74	154	521066	48.237	nq	98
52) 3-Nitroaniline	14.57	138	68388	22.177	nq	99
53) 2,4-Dinitrophenol	14.78	184	78586	72.502	nq	98
54) Dibenzofuran	15.07	168	838877	49.569	nq	99
55) 4-Nitrophenol	14.88	139	198051	78.549	nq	99
56) 2,4-Dinitrotoluene	15.04	165	220051	59.003	nq	90
57) Fluorene	15.73	166	666438	52.677	nq	96
58) 2,3,4,6-Tetrachlorophenol	15.30	232	212050	57.636	nq	95
59) Diethylphthalate	15.49	149	692646	49.422	nq	100
60) 4-Chlorophenyl-phenylether	15.71	204	391883	50.164	nq	97
61) 4-Nitroaniline	15.74	138	163529	50.676	nq	94
62) Azobenzene	16.01	77	679710	47.666	nq	98
64) 4,6-Dinitro-2-methylphenol	15.80	198	88533	47.629	nq	97
65) n-Nitrosodiphenylamine	15.93	169	616302	49.017	nq	97
66) 4-Bromophenyl-phenylether	16.61	248	260194	52.520	nq	99
67) Hexachlorobenzene	16.72	284	257389	50.809	nq	99
68) Atrazine	16.88	200	263862	55.911	nq	98
69) Pentachlorophenol	17.07	266	276422	80.287	nq	98
70) Phenanthrene	17.47	178	1109272	51.591	nq	97
71) Anthracene	17.55	178	1128052	52.632	nq	97
72) Carbazole	17.82	167	1001824	46.804	nq	100
73) Di-n-butylphthalate	18.38	149	1135298	47.630	nq	99
74) Fluoranthene	19.47	202	1346891	51.379	nq	98
76) Benzidine	19.64	184	97756	7.250	nq	99
77) Pyrene	19.83	202	1335740	51.398	nq	98
79) Butylbenzylphthalate	20.71	149	539131	52.128	nq	95
80) Benzo(a)anthracene	21.67	228	1343826	52.488	nq	98
81) 3,3'-Dichlorobenzidine	21.58	252	200821	19.681	nq	99
82) Chrysene	21.74	228	1264191	52.093	nq	98
83) Bis(2-ethylhexyl)phthalate	21.57	149	735395	50.812	nq	99
84) Di-n-octyl phthalate	22.78	149	1217028	50.344	nq	97
85) Indeno(1,2,3-cd)pyrene	28.53	276	1299876	46.117	nq	96
87) Benzo(b)fluoranthene	23.88	252	1325652	55.831	nq	97
88) Benzo(k)fluoranthene	23.95	252	1299397	56.016	nq	98
89) Benzo(a)pyrene	24.74	252	1296023	56.802	nq	100
90) Dibenzo(a,h)anthracene	28.60	278	999475	45.375	nq	98
91) Benzo(g,h,i)perylene	29.68	276	1026630	46.380	nq	97

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



#1

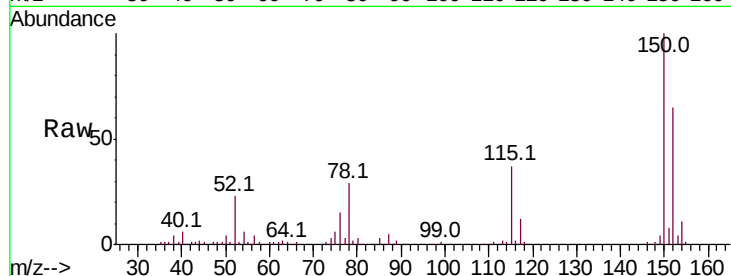
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036677.D
Acq: 12 Sep 2018 17:46

Instrument :
BNA_G
ClientSampleId :
SG-SOILMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.7	119.5	179.3
115	57.2	44.5	66.7

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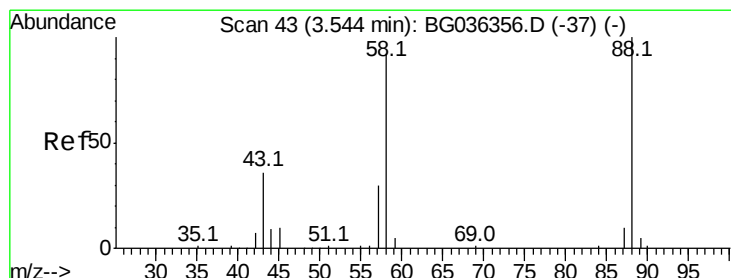
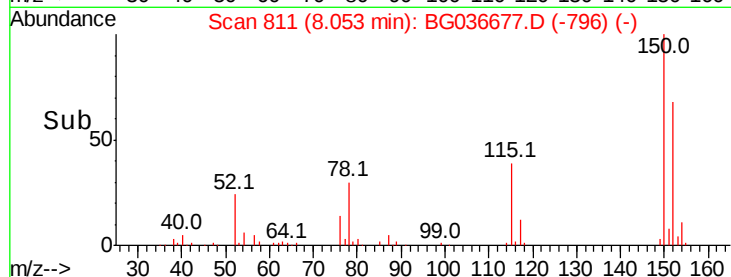
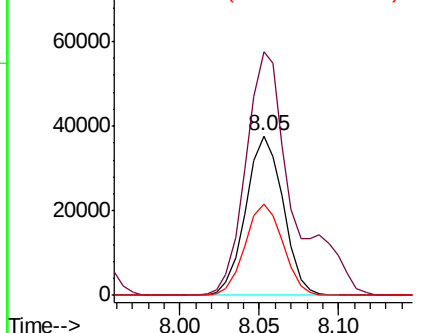


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

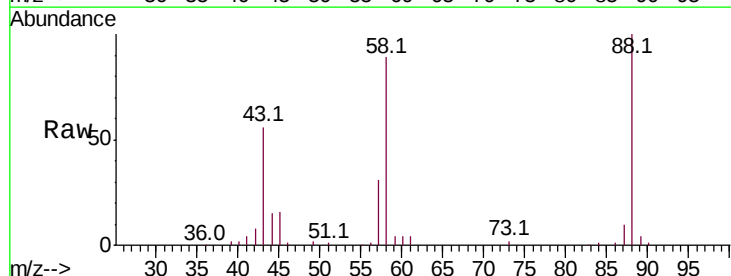
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 34.849 ng
RT: 3.55 min Scan# 44
Delta R.T. 0.01 min
Lab File: BG036677.D
Acq: 12 Sep 2018 17:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	91.1	72.6	109.0
43	50.0	29.0	43.4

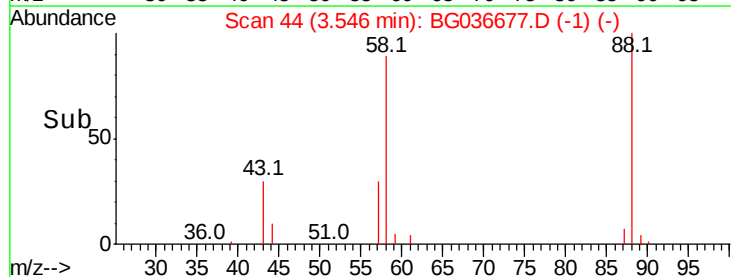
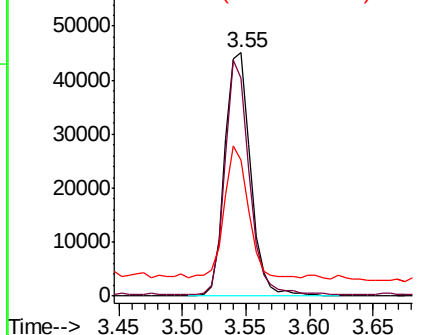


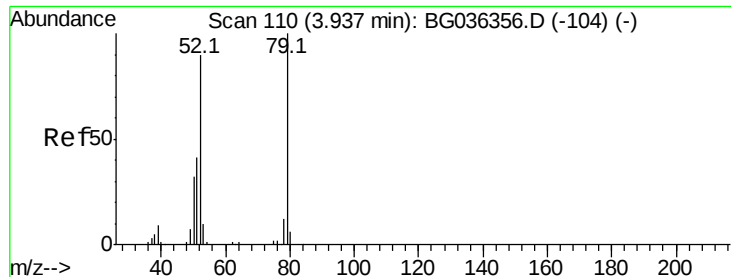
Abundance

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: 35.323 ng

RT: 3.94 min Scan# 111

Delta R.T. 0.01 min

Lab File: BG036677.D

Acq: 12 Sep 2018 17:46

Instrument :

BNA_G

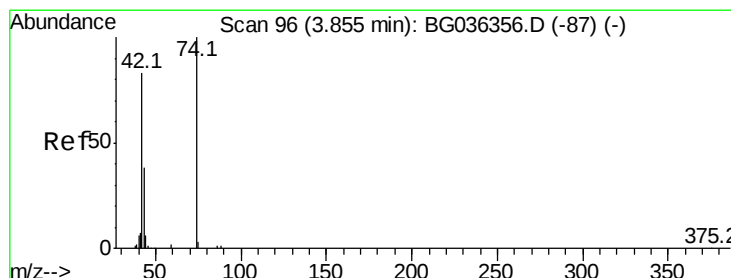
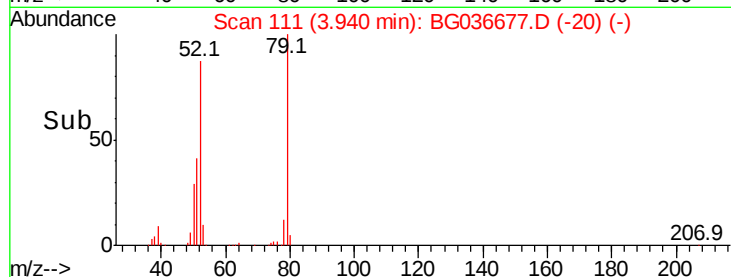
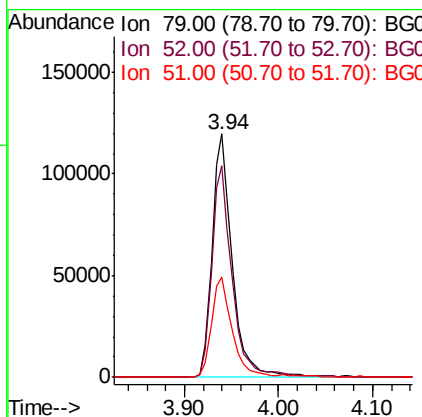
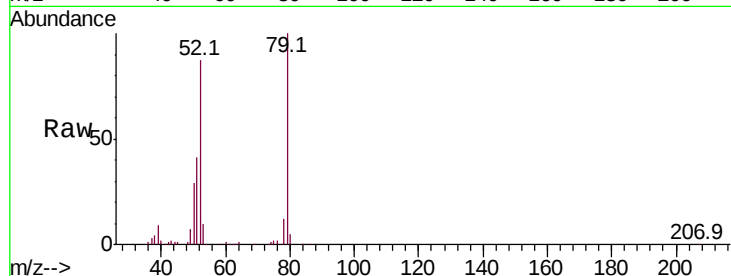
ClientSampleId :

SG-SOILMSD

Tot Ion:	79	Resp:	179973
Ion Ratio	Lower	Upper	
79	100		
52	87.1	72.3	108.5
51	41.2	33.8	50.6

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#4

n-Nitrosodimethylamine

Concen: 43.525 ng

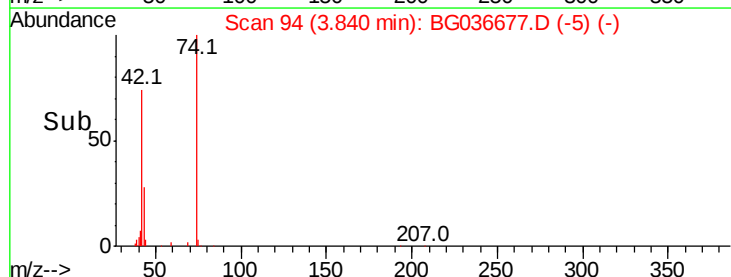
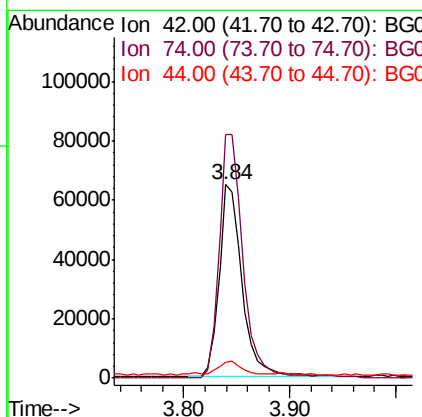
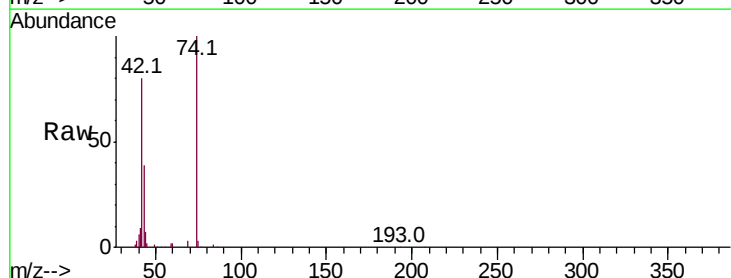
RT: 3.84 min Scan# 94

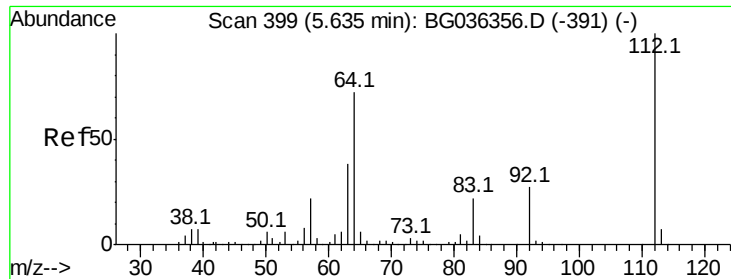
Delta R.T. -0.01 min

Lab File: BG036677.D

Acq: 12 Sep 2018 17:46

Tgt Ion:	42	Resp:	98774
Ion Ratio	Lower	Upper	
42	100		
74	125.7	96.6	145.0
44	8.5	7.0	10.4





#5

2-Fluorophenol

Concen: 112.352 ng

RT: 5.63 min Scan# 398

Delta R.T. 0.00 min

Lab File: BG036677.D

Acq: 12 Sep 2018 17:46

Instrument :

BNA_G

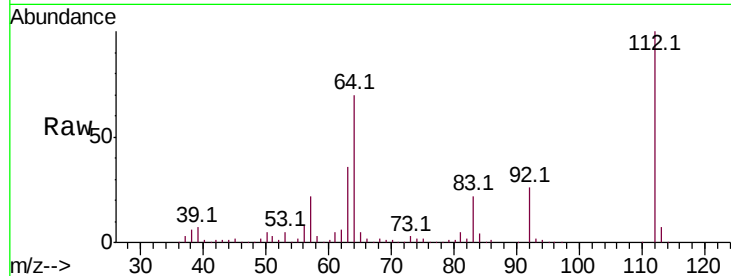
ClientSampleId :

SG-SOILMSD

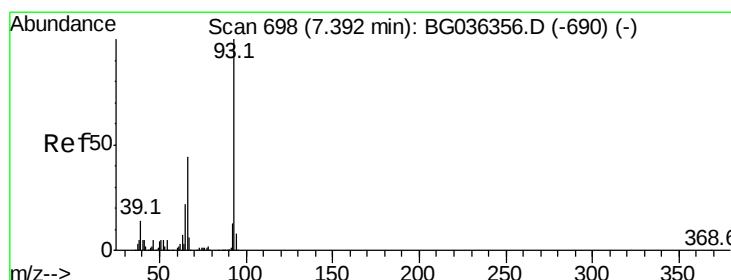
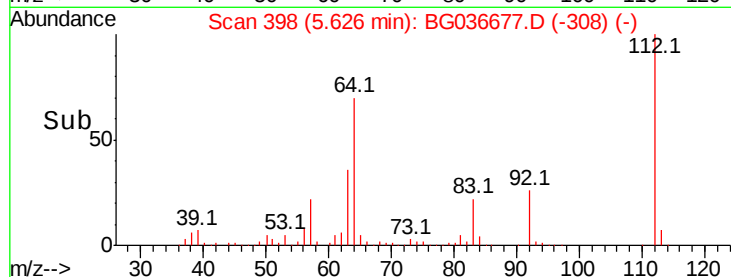
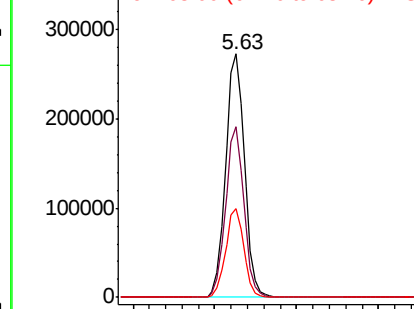
Tot Ion:	112	Resp:	436988
Ion Ratio	Lower	Upper	
112	100		
64	70.0	57.2	85.8
63	36.3	30.8	46.2

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Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 17.975 ng

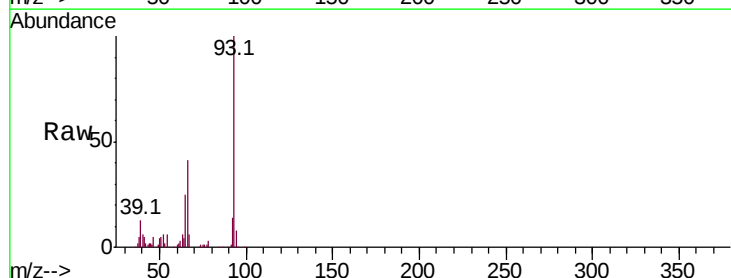
RT: 7.38 min Scan# 696

Delta R.T. -0.01 min

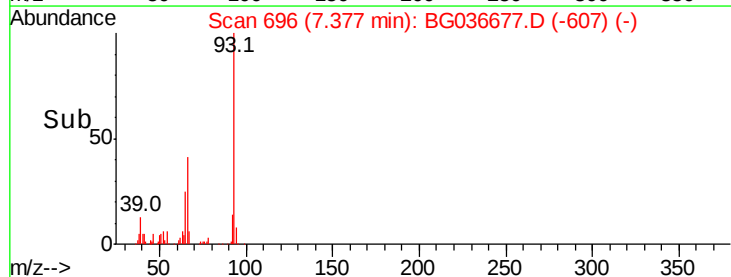
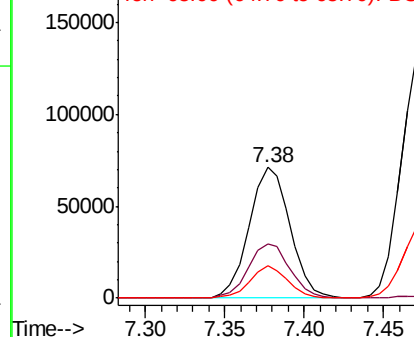
Lab File: BG036677.D

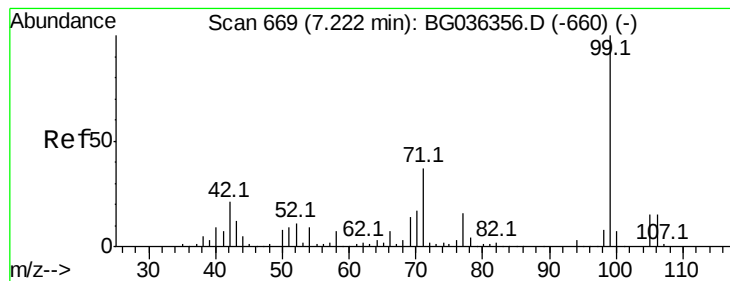
Acq: 12 Sep 2018 17:46

Tgt Ion:	93	Resp:	127059
Ion Ratio	Lower	Upper	
93	100		
66	41.2	35.0	52.4
65	25.0	17.6	26.4



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 100.710 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG036677.D

Acq: 12 Sep 2018 17:46

Instrument :

BNA_G

ClientSampleId :

SG-SOILMSD

Tot Ion: 99 Resp: 560826

Ion Ratio Lower Upper

99 100

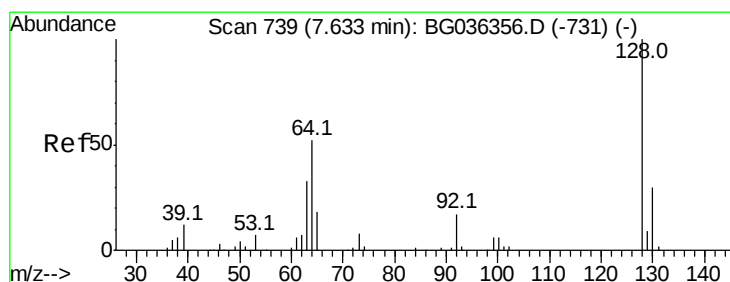
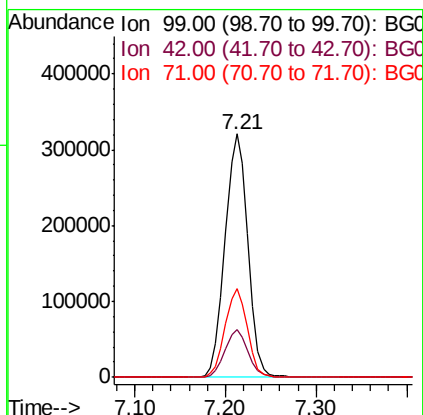
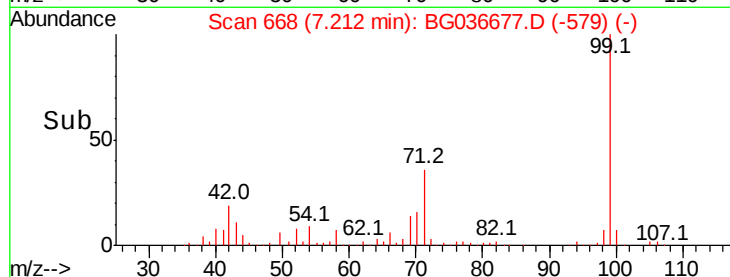
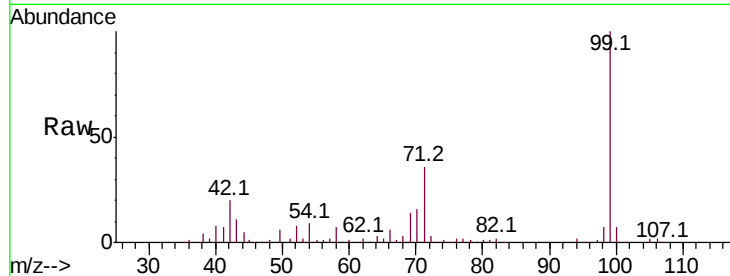
42 19.6 16.5 24.7

71 36.2 29.4 44.2

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#8

2-Chlorophenol

Concen: 49.282 ng

RT: 7.62 min Scan# 737

Delta R.T. -0.01 min

Lab File: BG036677.D

Acq: 12 Sep 2018 17:46

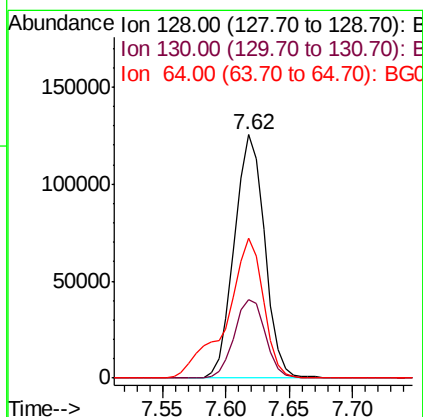
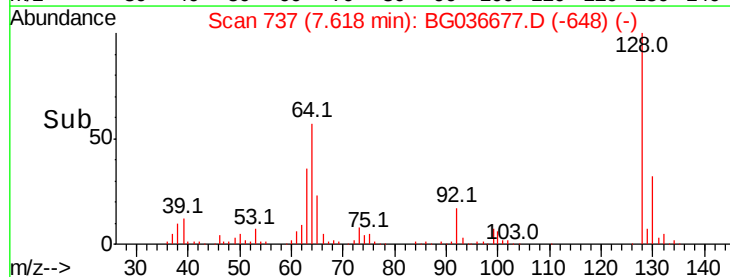
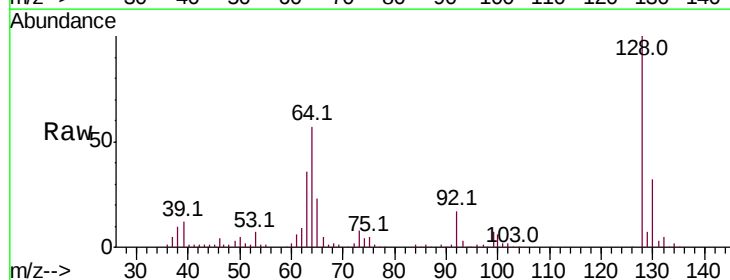
Tgt Ion: 128 Resp: 207866

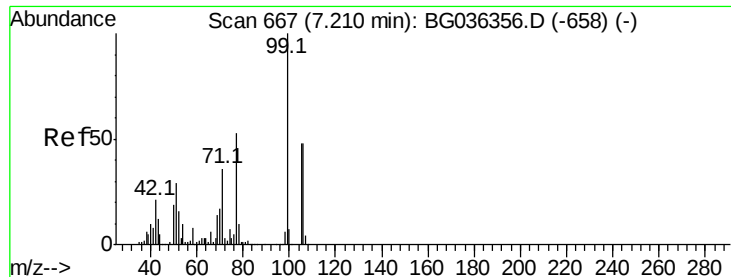
Ion Ratio Lower Upper

128 100

130 32.2 10.0 50.0

64 57.4 36.0 76.0





#9

Benzaldehyde

Concen: 25.865 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG036677.D

Acq: 12 Sep 2018 17:46

Instrument :

BNA_G

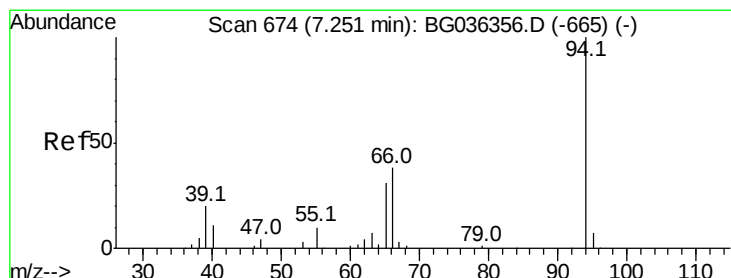
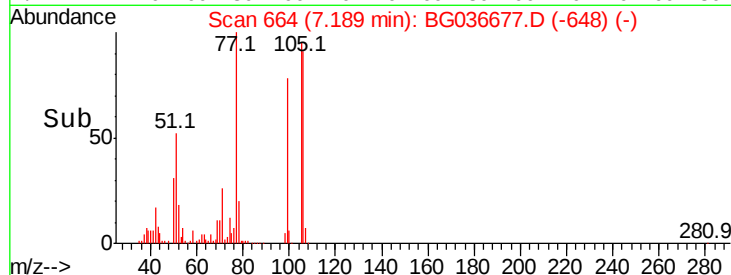
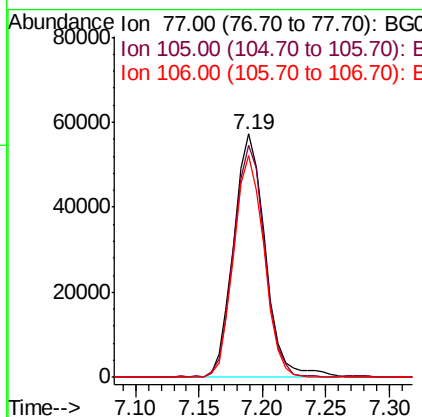
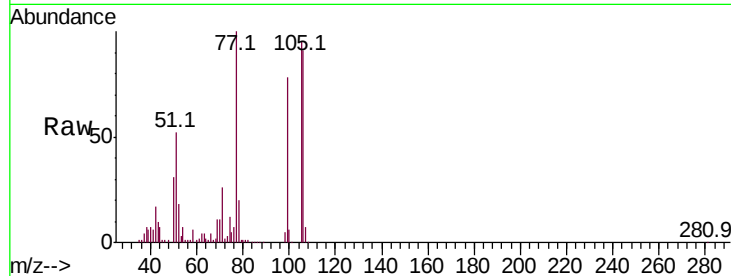
ClientSampled :

SG-SOILMSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	95.2	70.5	110.5
106	91.3	69.8	109.8

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#10

Phenol

Concen: 42.326 ng

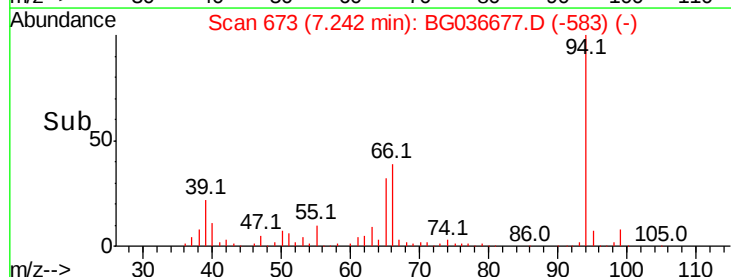
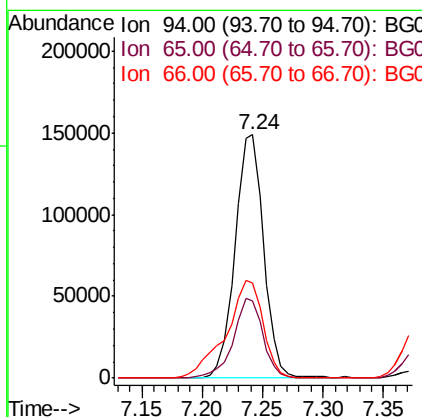
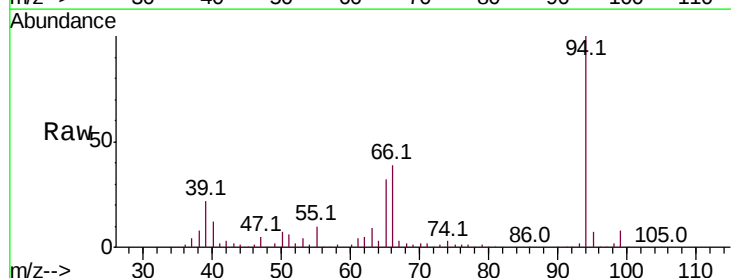
RT: 7.24 min Scan# 673

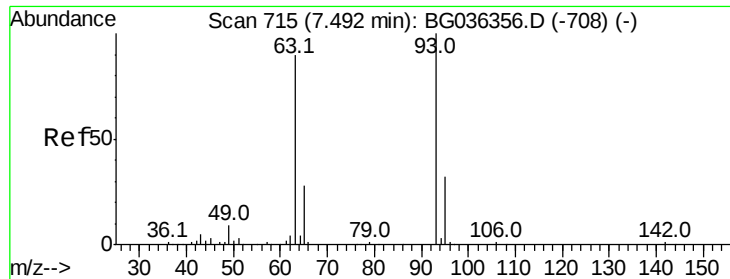
Delta R.T. 0.00 min

Lab File: BG036677.D

Acq: 12 Sep 2018 17:46

Tgt Ion	Ratio	Lower	Upper
94	100		
65	31.8	11.5	51.5
66	39.2	19.5	59.5





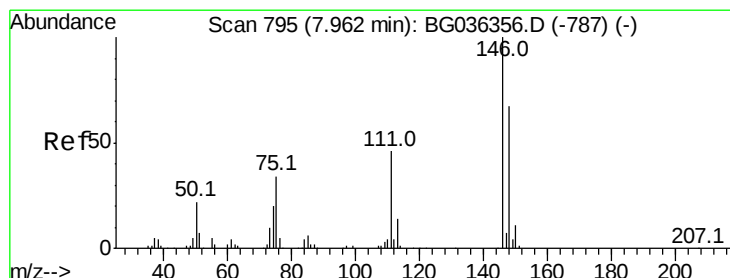
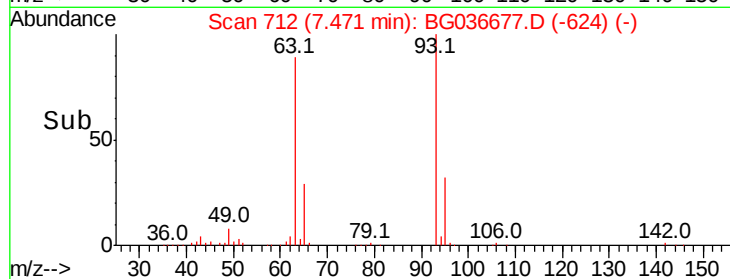
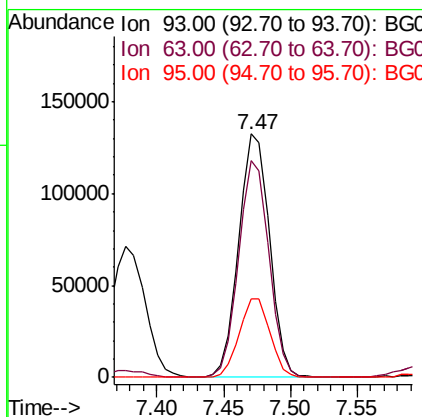
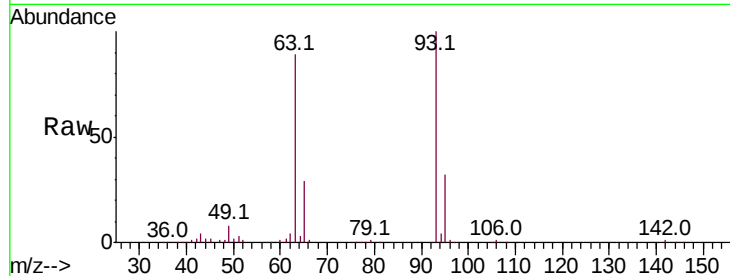
#11
bis(2-Chloroethyl)ether
Concen: 45.853 ng
RT: 7.47 min Scan# 712
Delta R.T. -0.01 min
Lab File: BG036677.D
Acq: 12 Sep 2018 17:46

Instrument :
BNA_G
ClientSampleId :
SG-SOILMSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	88.8	69.9	109.9
95	32.5	11.7	51.7

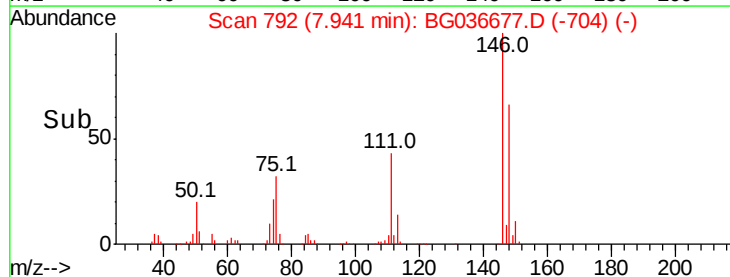
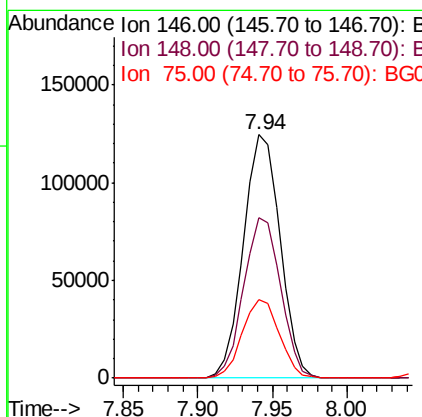
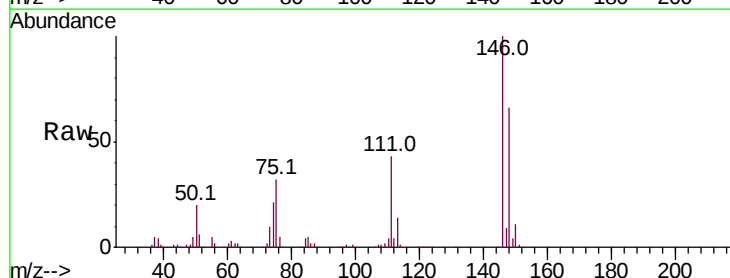
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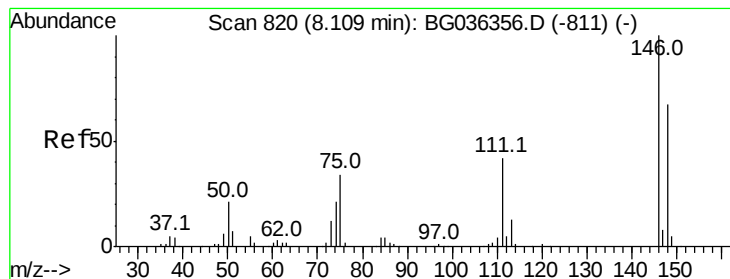
Sohil
9/13/2018 10:36:17 AM



#12
1,3-Dichlorobenzene
Concen: 44.030 ng
RT: 7.94 min Scan# 792
Delta R.T. -0.01 min
Lab File: BG036677.D
Acq: 12 Sep 2018 17:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.9	53.8	80.6
75	32.5	27.2	40.8





#13

1,4-Dichlorobenzene

Concen: 43.983 ng

RT: 8.09 min Scan# 817

Delta R.T. -0.01 min

Lab File: BG036677.D

Acq: 12 Sep 2018 17:46

Instrument :

BNA_G

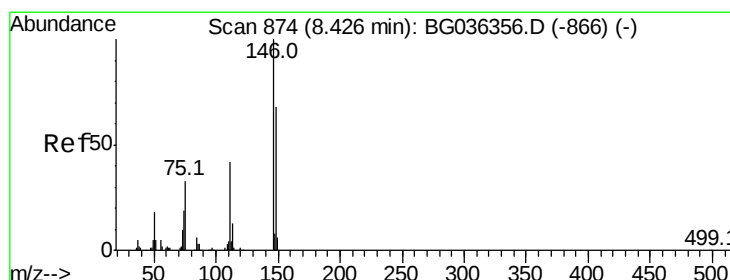
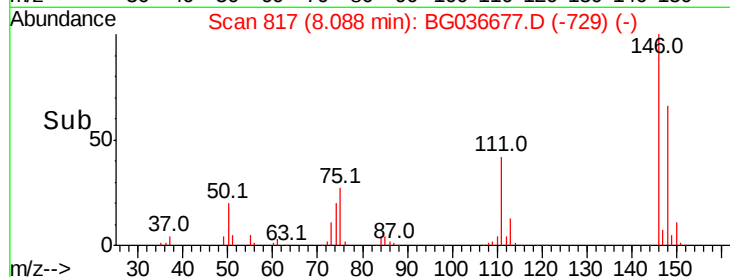
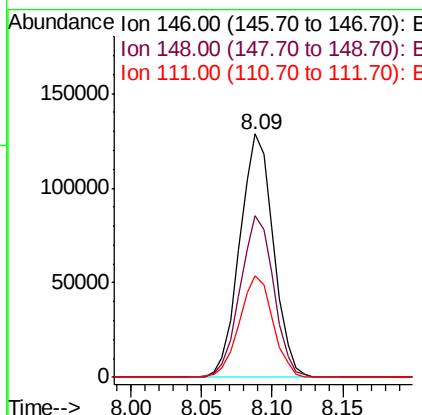
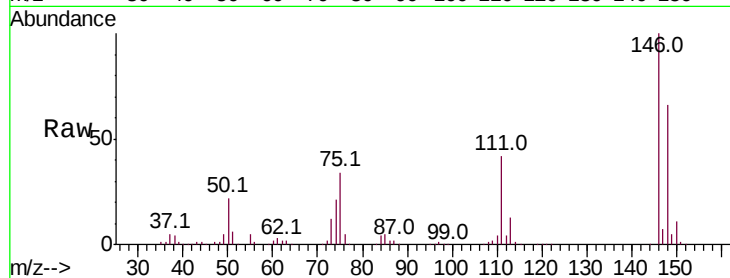
ClientSampleId :

SG-SOILMSD

Tot Ion:	146	Resp:	213871
Ion Ratio	Lower	Upper	
146	100		
148	66.3	53.9	80.9
111	41.6	33.8	50.6

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#14

1,2-Dichlorobenzene

Concen: 44.970 ng

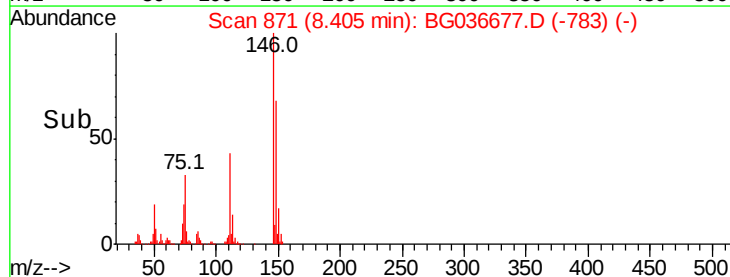
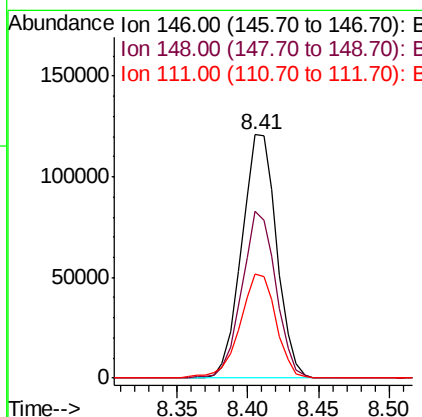
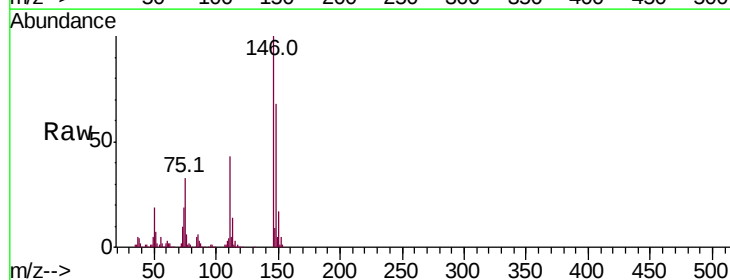
RT: 8.41 min Scan# 871

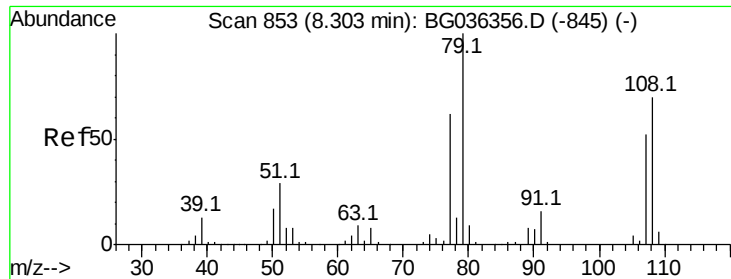
Delta R.T. -0.01 min

Lab File: BG036677.D

Acq: 12 Sep 2018 17:46

Tgt Ion:	146	Resp:	208835
Ion Ratio	Lower	Upper	
146	100		
148	68.4	55.0	82.6
111	42.8	34.6	51.8





#15

Benzyl Alcohol

Concen: 46.590 ng

RT: 8.29 min Scan# 851

Delta R.T. -0.01 min

Lab File: BG036677.D

Acq: 12 Sep 2018 17:46

Instrument :

BNA_G

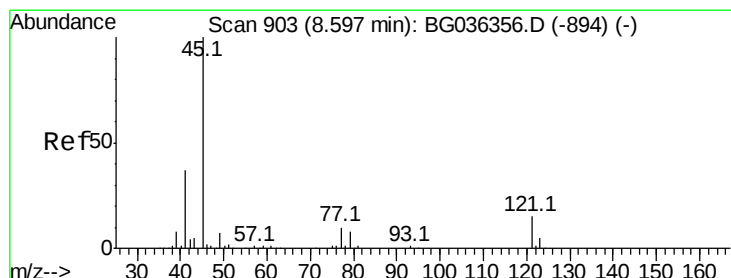
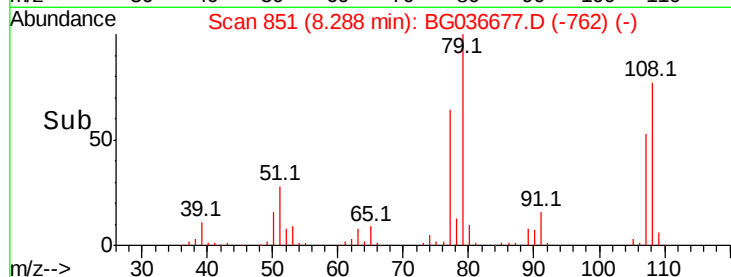
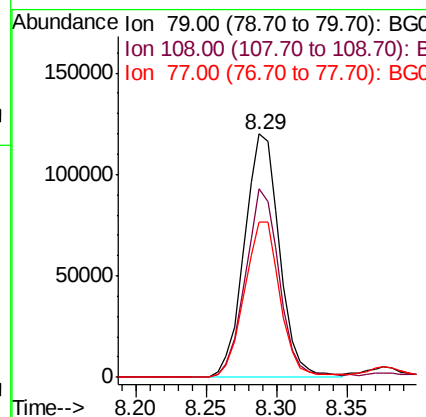
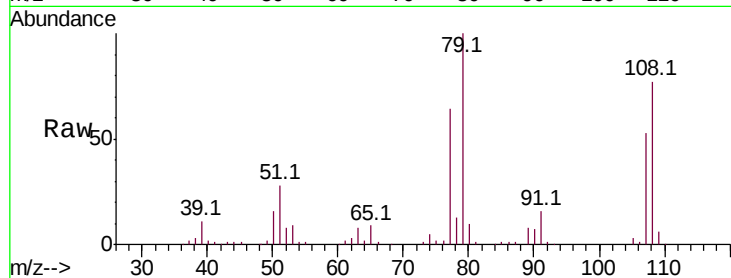
ClientSampleId :

SG-SOILMSD

Tot Ion:	79	Resp:	209150
Ion Ratio	Lower	Upper	
79	100		
108	77.2	55.9	83.9
77	64.0	50.0	75.0

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#16

2,2'-oxybis(1-chloropropane)

Concen: 42.179 ng

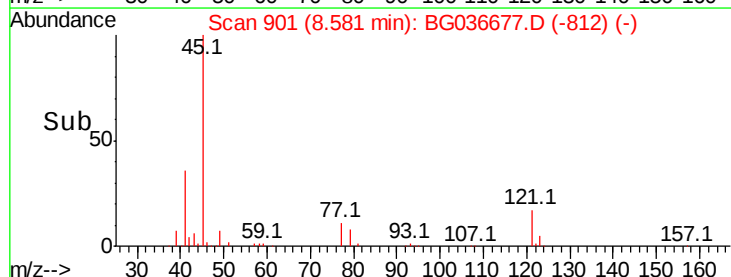
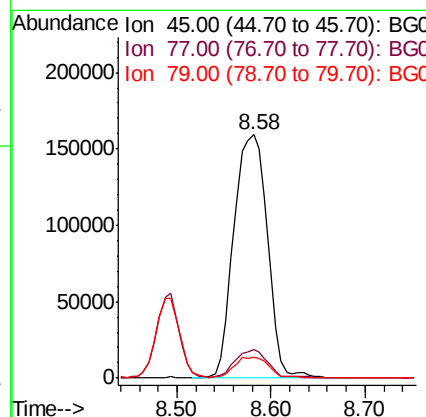
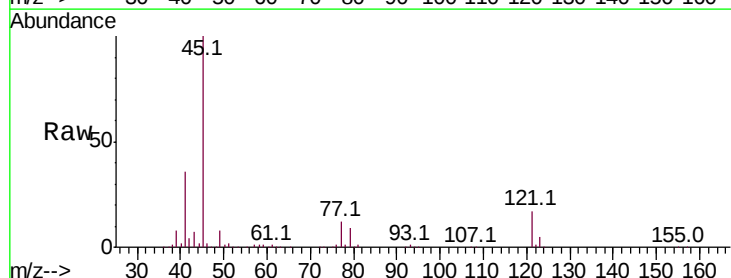
RT: 8.58 min Scan# 901

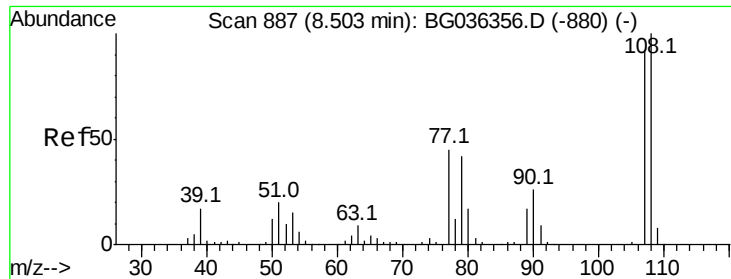
Delta R.T. -0.01 min

Lab File: BG036677.D

Acq: 12 Sep 2018 17:46

Tgt Ion:	45	Resp:	392992
Ion Ratio	Lower	Upper	
45	100		
77	11.9	0.0	30.5
79	8.8	0.0	27.9





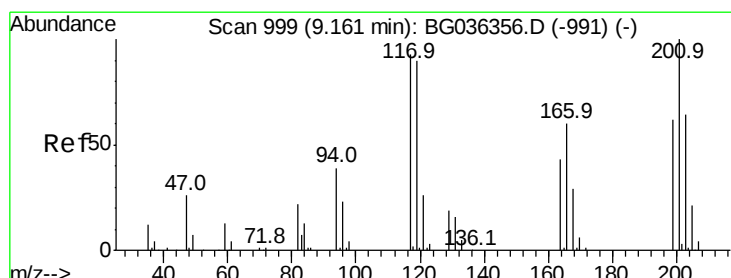
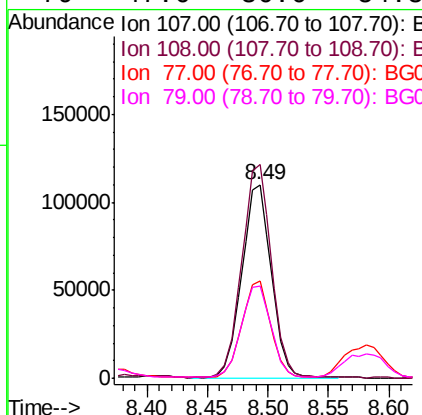
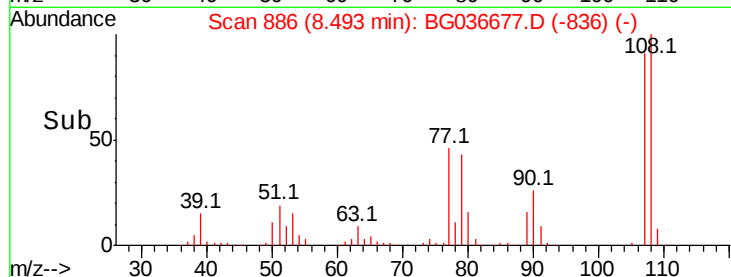
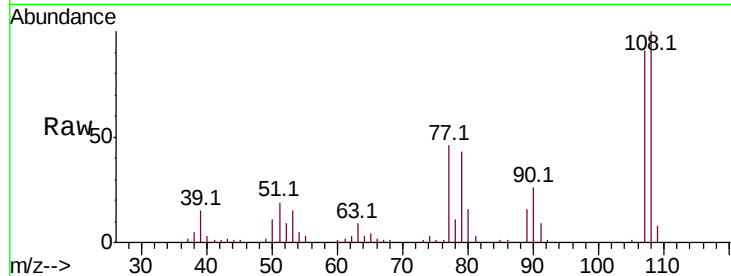
#17
2-Methylphenol
Concen: 48.351 ng
RT: 8.49 min Scan# 886
Delta R.T. -0.01 min
Lab File: BG036677.D
Acq: 12 Sep 2018 17:46

Instrument :
BNA_G
ClientSampleId :
SG-SOILMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.4	86.7	130.1	
77	50.6	39.0	58.4	
79	47.6	36.6	54.8	

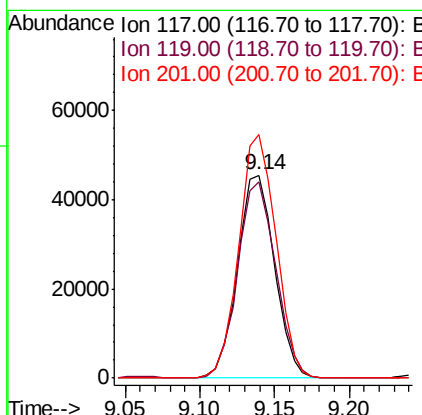
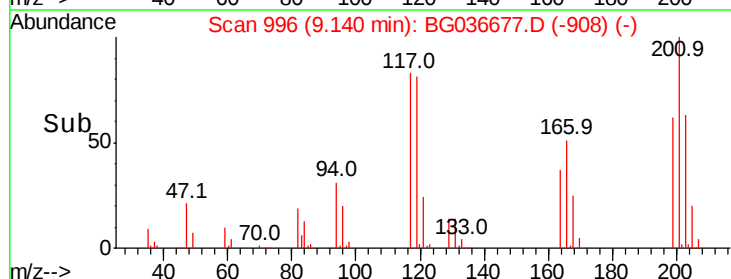
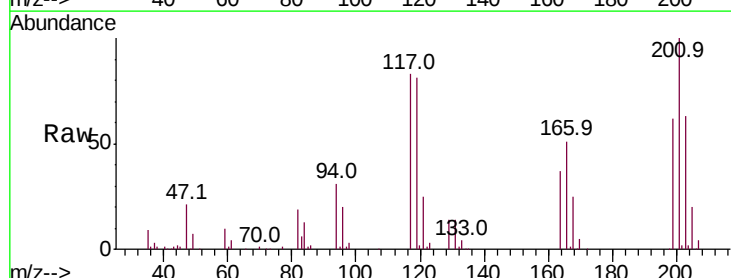
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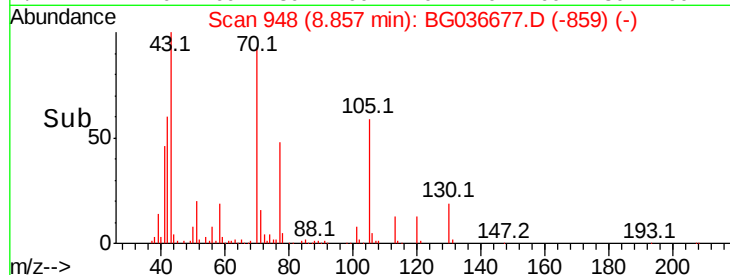
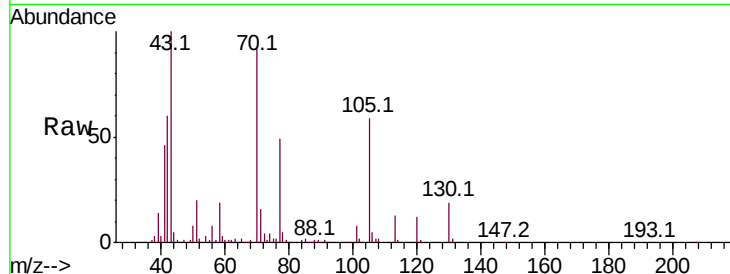
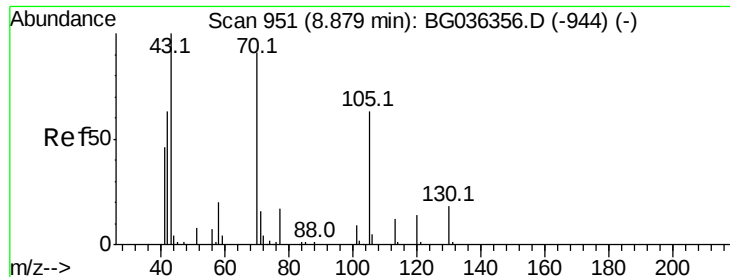
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#18
Hexachloroethane
Concen: 45.063 ng
RT: 9.14 min Scan# 996
Delta R.T. -0.01 min
Lab File: BG036677.D
Acq: 12 Sep 2018 17:46

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.0	76.8	115.2	
201	120.0	85.7	128.5	





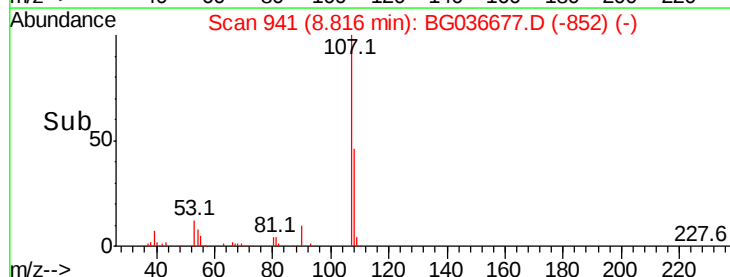
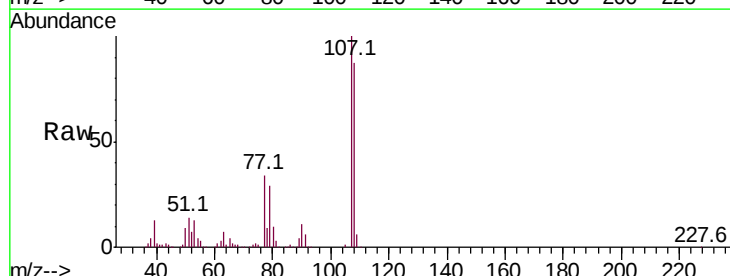
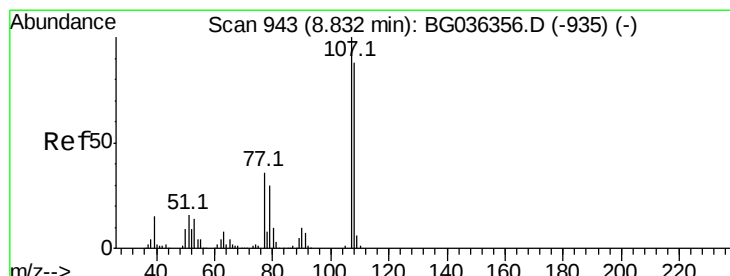
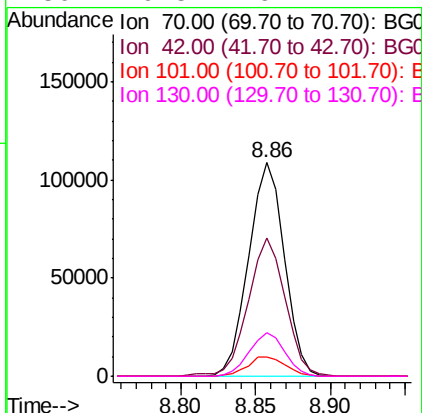
#19
n-Nitroso-di-n-propylamine
Concen: 43.237 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.01 min
Lab File: BG036677.D
Acq: 12 Sep 2018 17:46

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		179946		
42	64.7	56.2	84.4		
101	9.0	7.8	11.6		
130	20.5	16.2	24.2		

Instrument :
BNA_G
ClientSampleId :
SG-SOILMSD

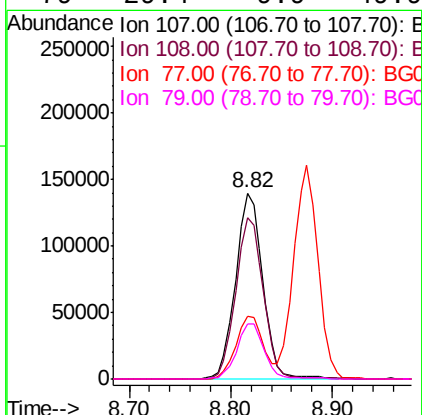
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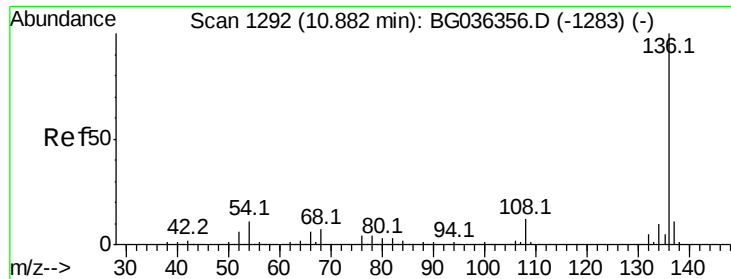
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#20
3+4-Methylphenols
Concen: 48.003 ng
RT: 8.82 min Scan# 941
Delta R.T. -0.01 min
Lab File: BG036677.D
Acq: 12 Sep 2018 17:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		259333		
108	86.8	68.0	108.0		
77	33.7	15.6	55.6		
79	29.4	9.9	49.9		





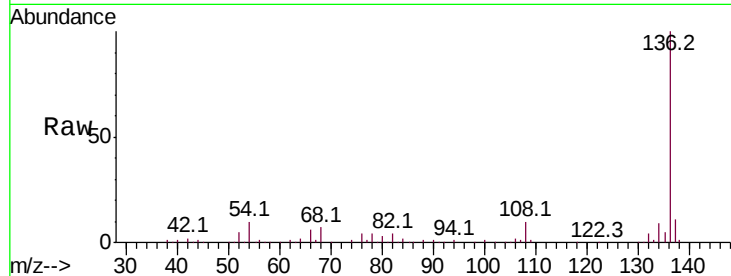
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BG036677.D
Acq: 12 Sep 2018 17:46

Instrument :
BNA_G
ClientSampleId :
SG-SOILMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	260083		
137	10.9		8.8	13.2
54	10.1		9.2	13.8
68	6.8		5.8	8.6

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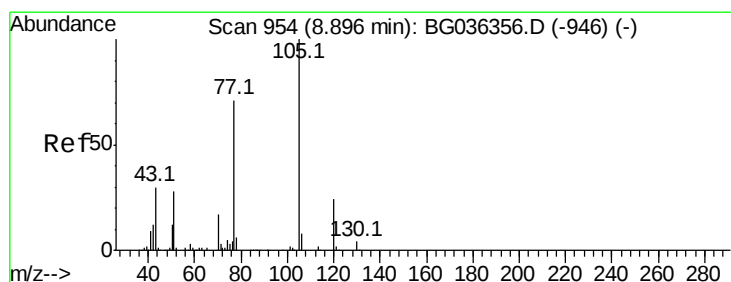
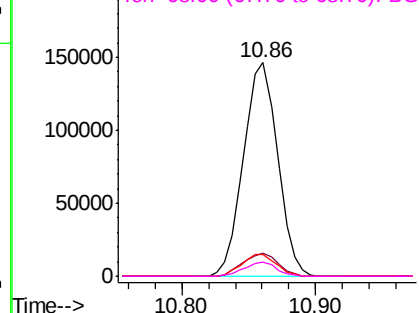
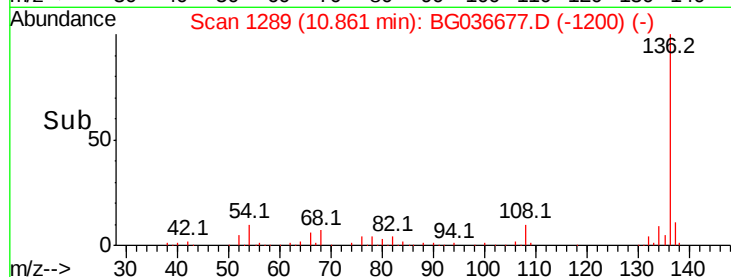
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

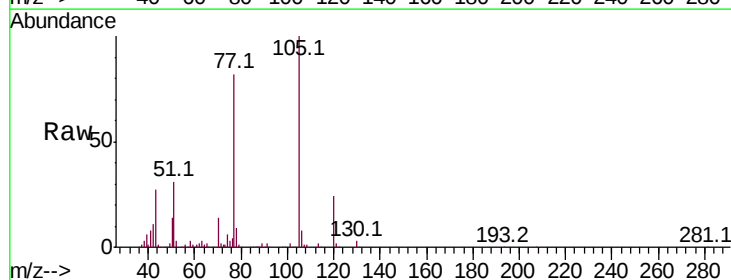
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 48.778 ng
RT: 8.88 min Scan# 951
Delta R.T. -0.01 min
Lab File: BG036677.D
Acq: 12 Sep 2018 17:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	333138		
71	2.2		2.4	3.6#
51	30.8		25.9	38.9
120	23.7		19.4	29.0



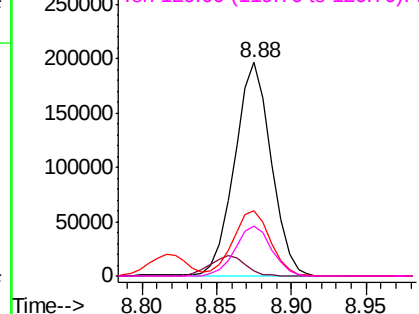
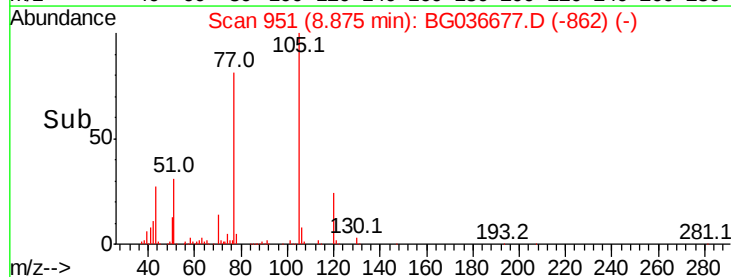
Abundance

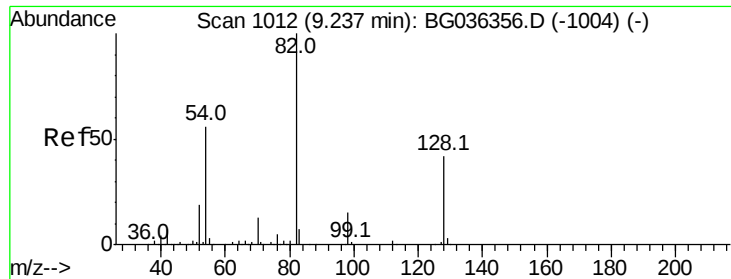
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





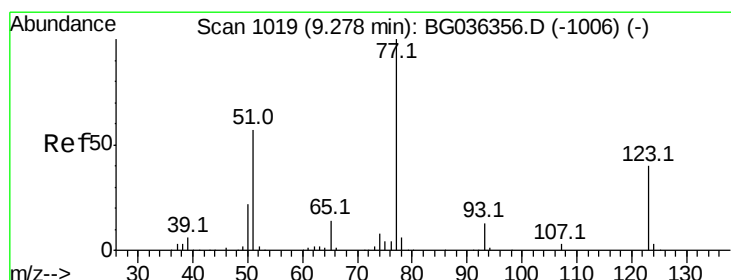
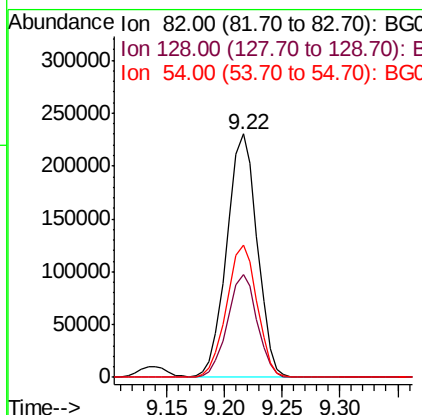
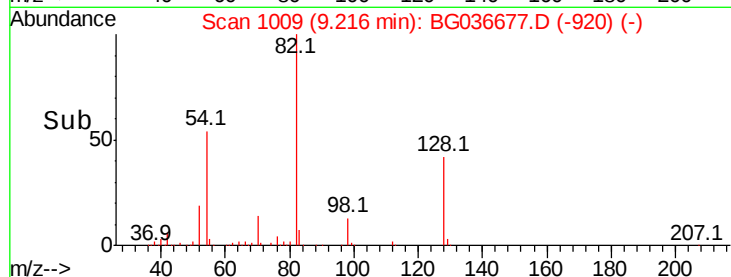
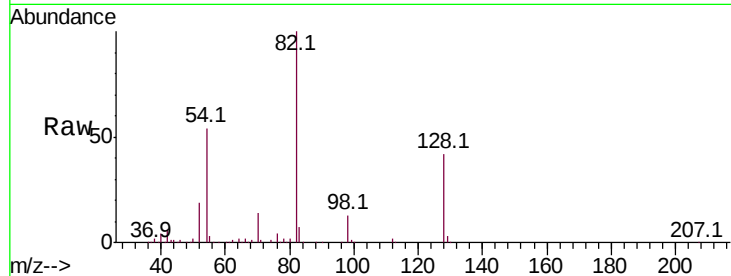
#23
 Nitrobenzene-d5
 Concen: 87.637 ng
 RT: 9.22 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BG036677.D
 Acq: 12 Sep 2018 17:46

Instrument :
 BNA_G
 ClientSampleId :
 SG-SOILMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.4	33.3	49.9
54	54.3	45.1	67.7

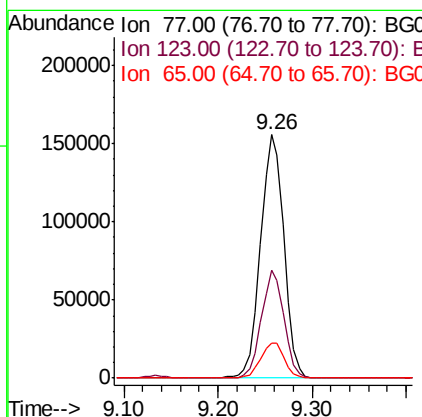
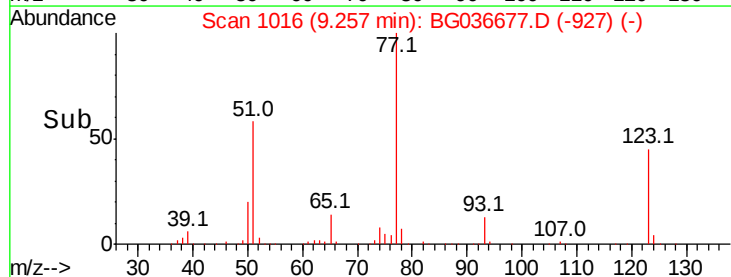
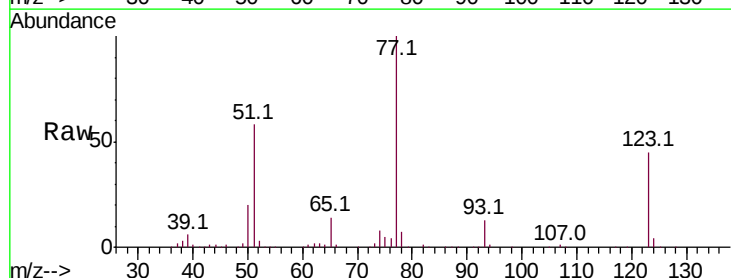
Manual Integrations
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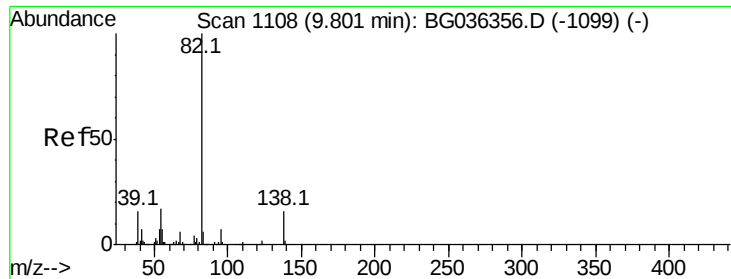
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#24
 Nitrobenzene
 Concen: 51.617 ng
 RT: 9.26 min Scan# 1016
 Delta R.T. -0.01 min
 Lab File: BG036677.D
 Acq: 12 Sep 2018 17:46

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.6	32.4	48.6
65	14.3	11.5	17.3





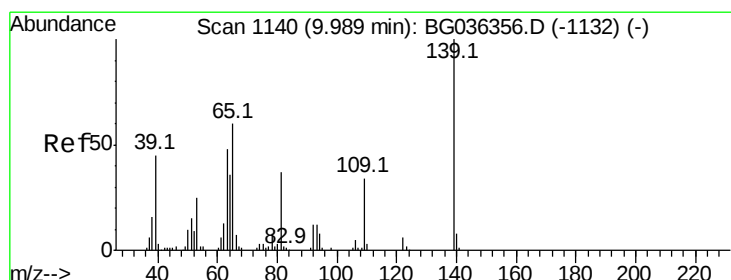
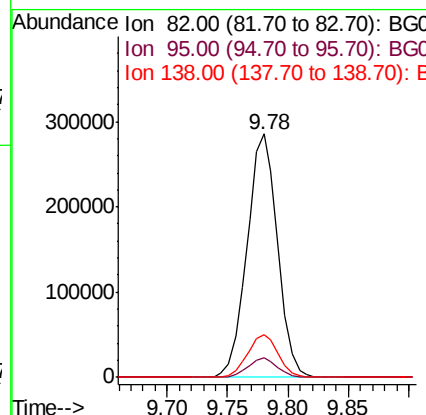
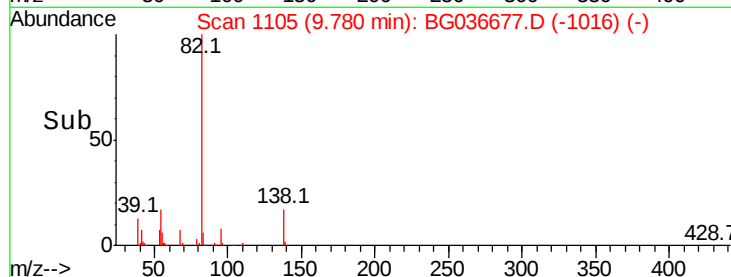
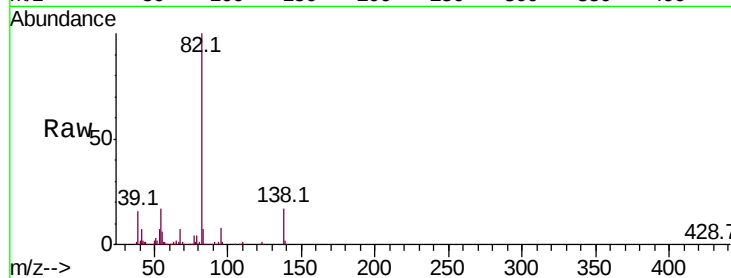
#25
Isophorone
Concen: 52.451 ng
RT: 9.78 min Scan# 1105
Delta R.T. -0.01 min
Lab File: BG036677.D
Acq: 12 Sep 2018 17:46

Instrument :
BNA_G
ClientSampleId :
SG-SOILMSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	8.1	5.8	8.8	
138	17.4	12.9	19.3	

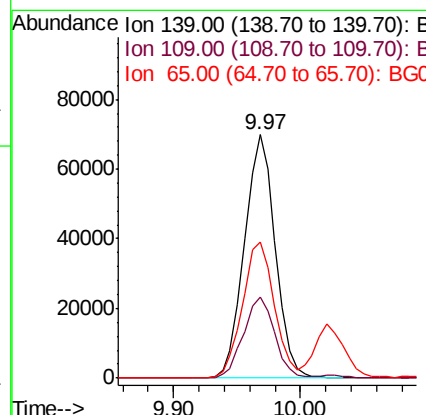
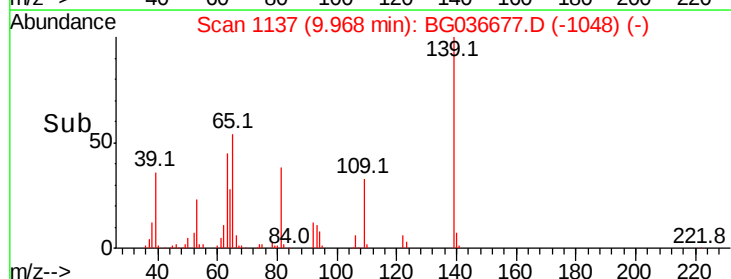
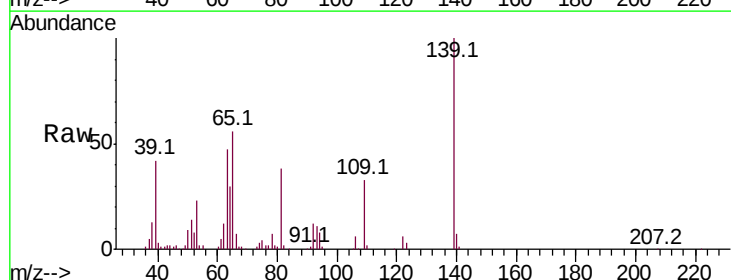
Manual Integrations
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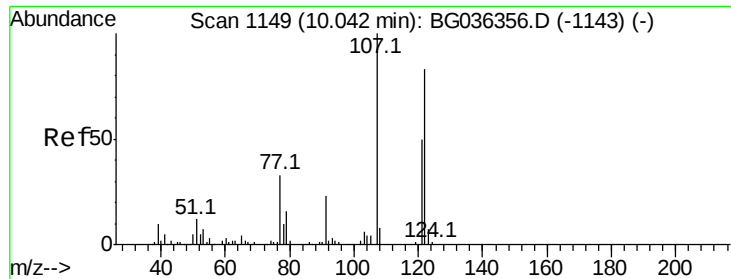
Sohil
9/13/2018 10:36:17 AM



#26
2-Nitrophenol
Concen: 57.438 ng
RT: 9.97 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BG036677.D
Acq: 12 Sep 2018 17:46

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	33.4	27.4	41.0	
65	56.2	47.8	71.6	





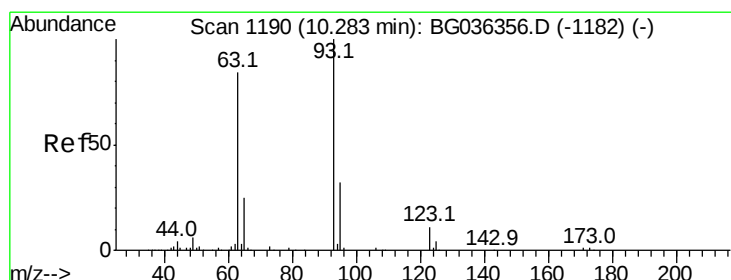
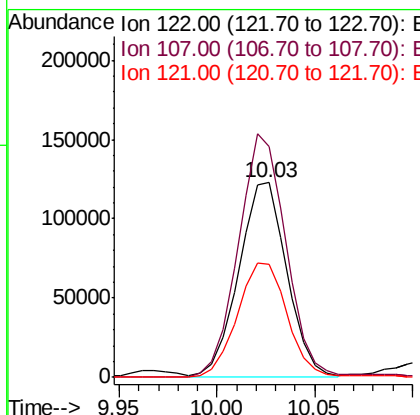
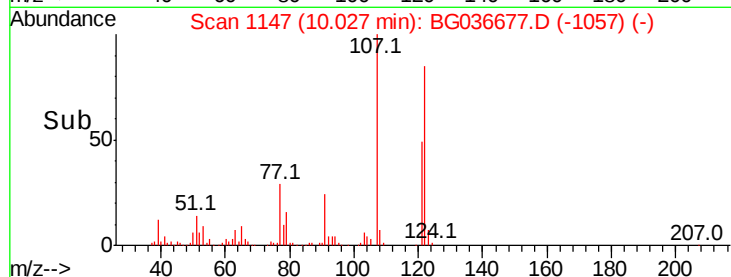
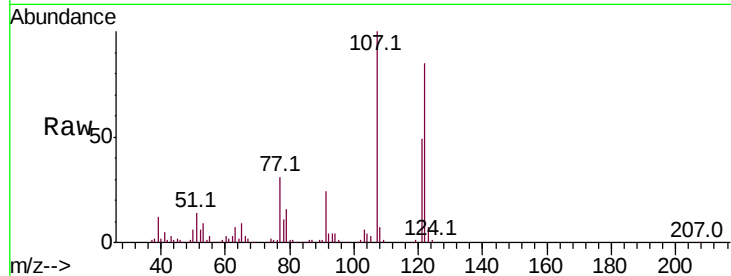
#27
2,4-Dimethylphenol
Concen: 55.461 ng
RT: 10.03 min Scan# 1147
Delta R.T. 0.00 min
Lab File: BG036677.D
Acq: 12 Sep 2018 17:46

Instrument :
BNA_G
ClientSampleId :
SG-SOILMSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	210320		
107	118.3	96.0	144.0	
121	58.1	48.2	72.4	

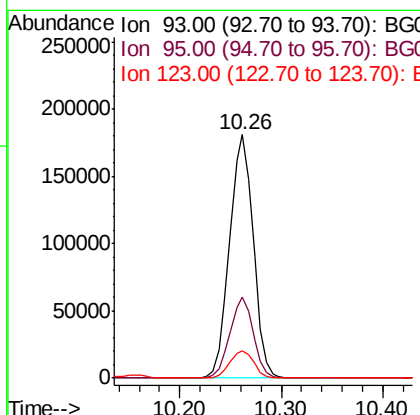
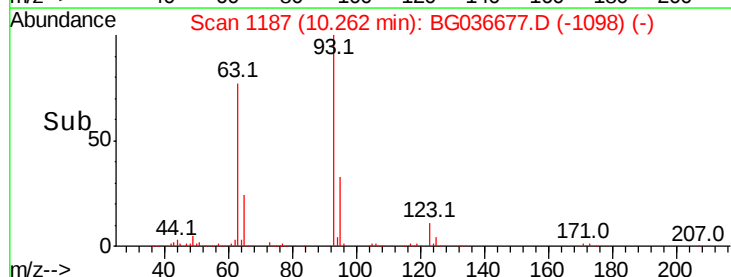
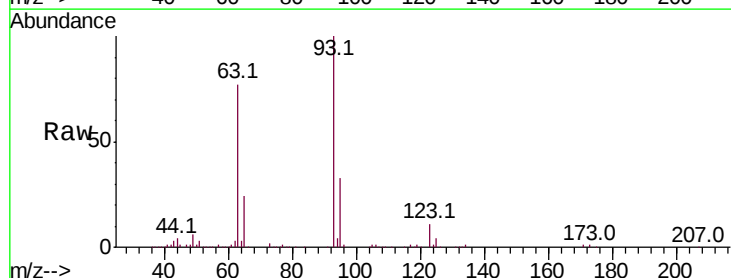
Manual Integrations
APPROVED

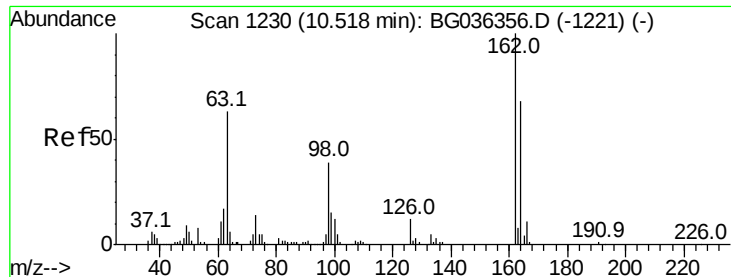
Sohil
9/13/2018 10:36:17 AM



#28
bis(2-Chloroethoxy)methane
Concen: 50.306 ng
RT: 10.26 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BG036677.D
Acq: 12 Sep 2018 17:46

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	294006		
95	33.0	25.2	37.8	
123	11.0	8.6	12.8	





#29

2,4-Dichlorophenol

Concen: 56.108 ng

RT: 10.50 min Scan# 1228

Delta R.T. -0.01 min

Lab File: BG036677.D

Acq: 12 Sep 2018 17:46

Instrument :

BNA_G

ClientSampleId :

SG-SOILMSD

Tot Ion:162 Resp: 233189

Ion Ratio Lower Upper

162 100

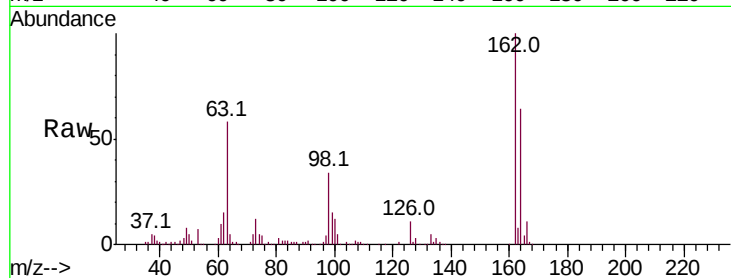
164 64.5 47.6 87.6

98 33.8 19.2 59.2

Manual Integrations
APPROVED

Sohil

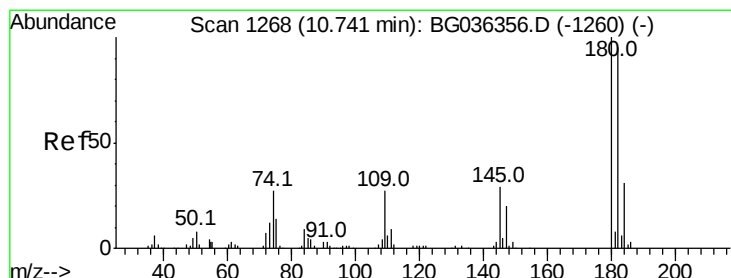
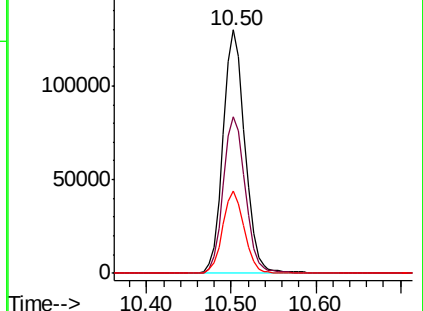
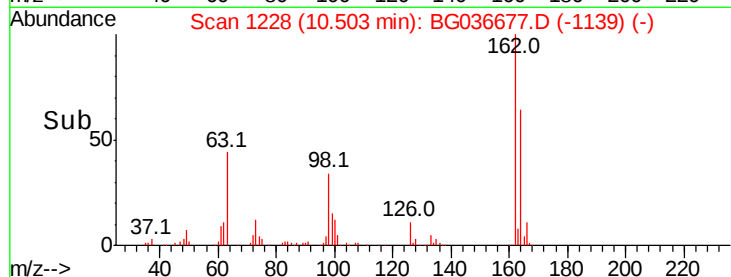
9/13/2018 10:36:17 AM



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: 48.657 ng

RT: 10.72 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BG036677.D

Acq: 12 Sep 2018 17:46

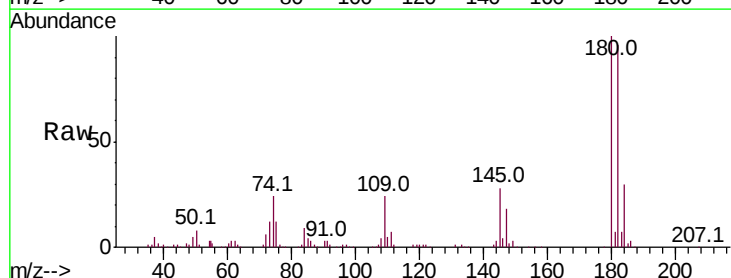
Tgt Ion:180 Resp: 236570

Ion Ratio Lower Upper

180 100

182 95.7 76.0 114.0

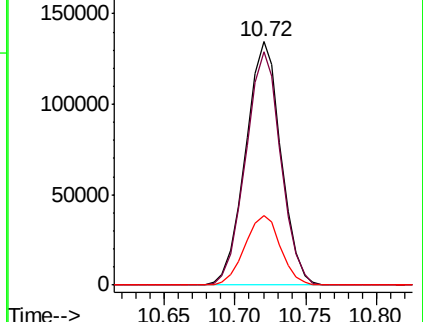
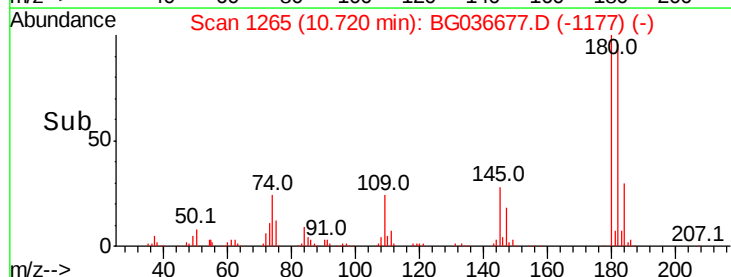
145 28.4 22.9 34.3

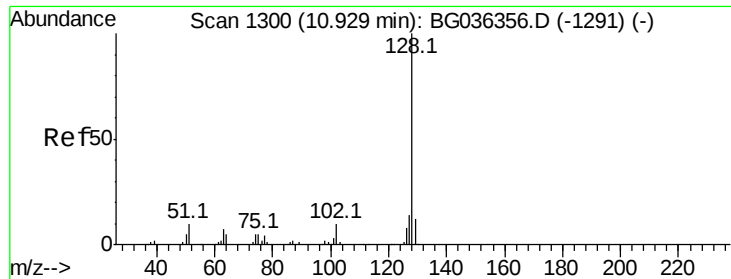


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





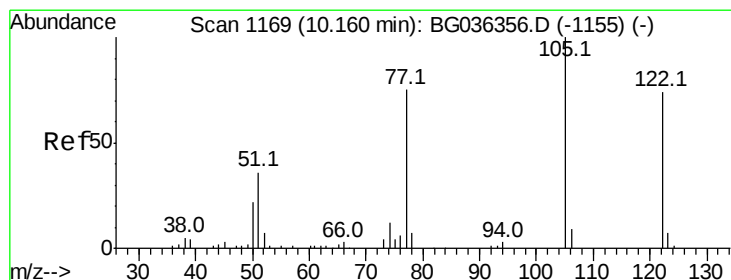
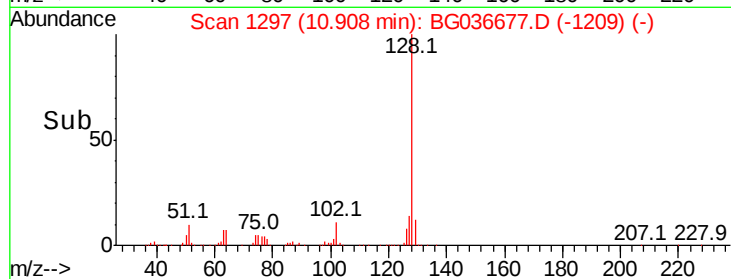
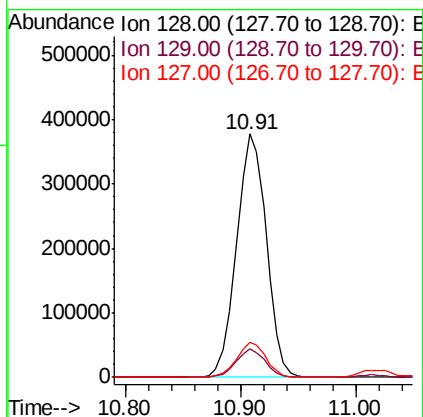
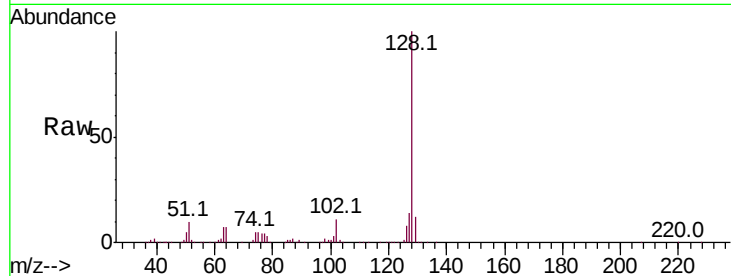
#31
Naphthalene
Concen: 51.840 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BG036677.D
Acq: 12 Sep 2018 17:46

Instrument :
BNA_G
ClientSampleId :
SG-SOILMSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	673991		
129	11.6		9.4	14.2
127	14.4		11.0	16.4

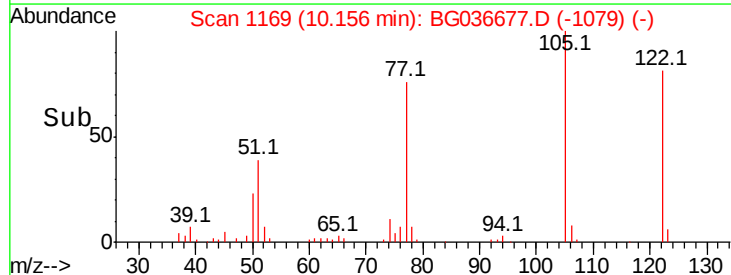
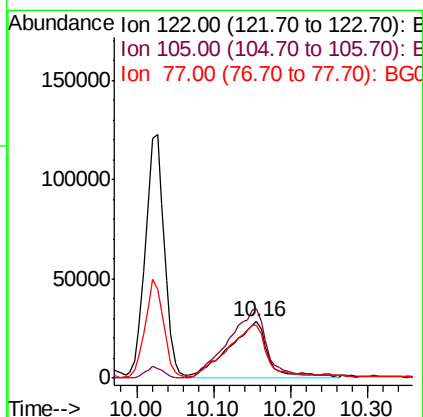
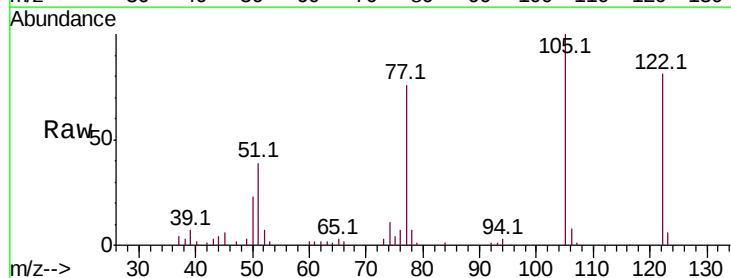
Manual Integrations
APPROVED

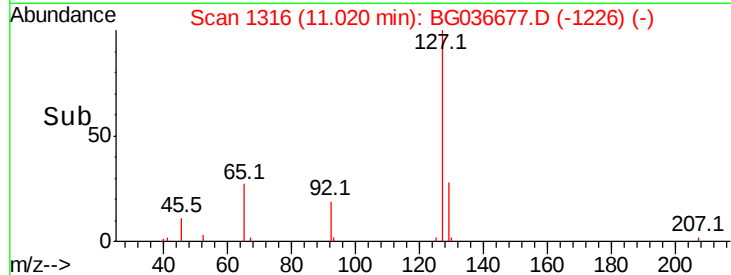
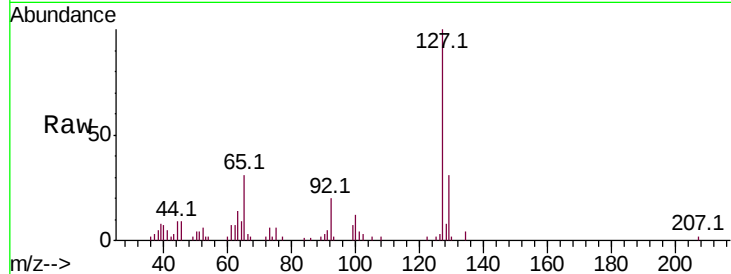
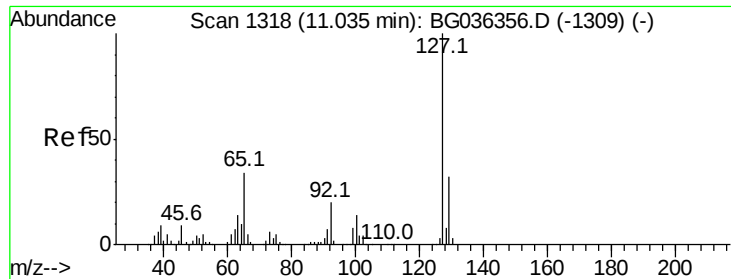
Sohil
9/13/2018 10:36:17 AM



#32
Benzoic acid
Concen: 37.714 ng
RT: 10.16 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BG036677.D
Acq: 12 Sep 2018 17:46

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	103057		
105	124.1		108.1	148.1
77	94.5		76.3	116.3





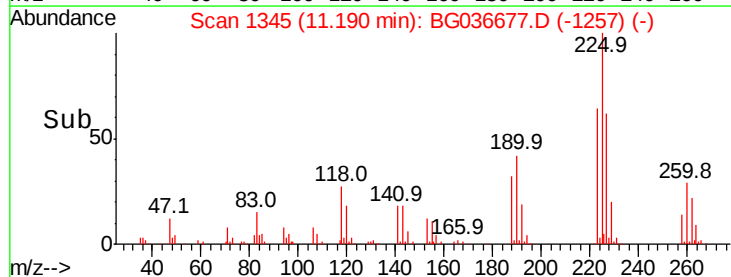
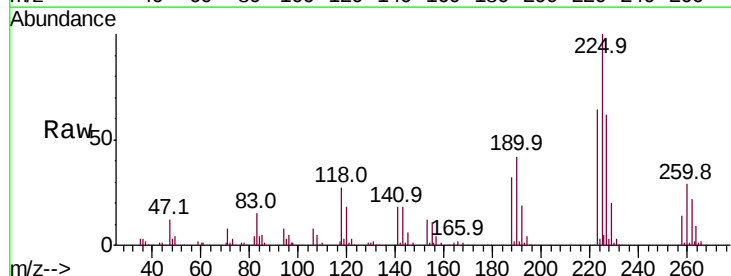
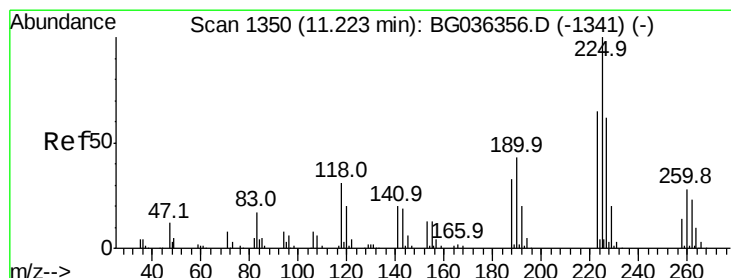
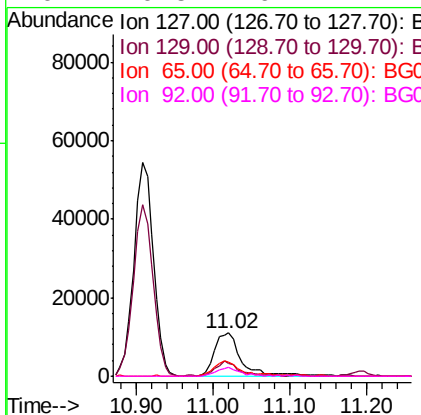
#33
4-Chloroaniline
Concen: 4.555 ng
RT: 11.02 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BG036677.D
Acq: 12 Sep 2018 17:46

Instrument :
BNA_G
ClientSampleId :
SG-SOILMSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	30.7	25.9	38.9
65	31.4	27.5	41.3
92	19.5	16.2	24.2

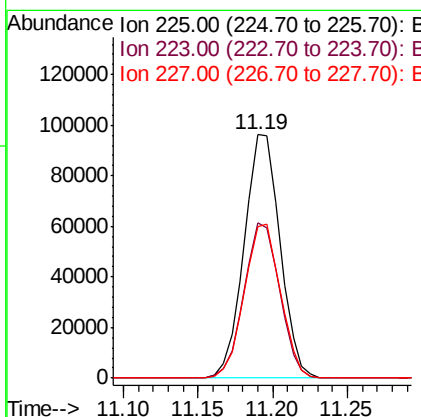
Manual Integrations
APPROVED

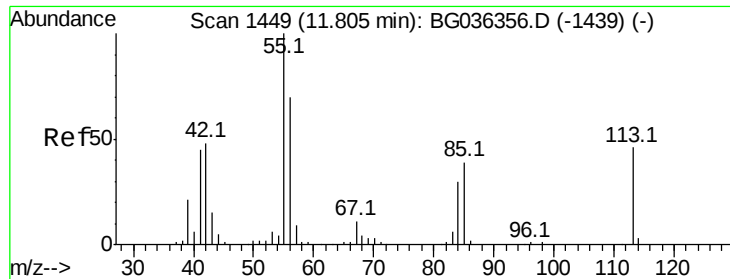
Sohil
9/13/2018 10:36:17 AM



#34
Hexachlorobutadiene
Concen: 49.032 ng
RT: 11.19 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BG036677.D
Acq: 12 Sep 2018 17:46

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	51.8	77.8
227	61.9	49.8	74.6





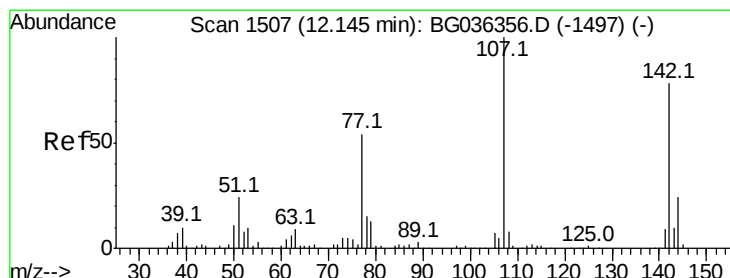
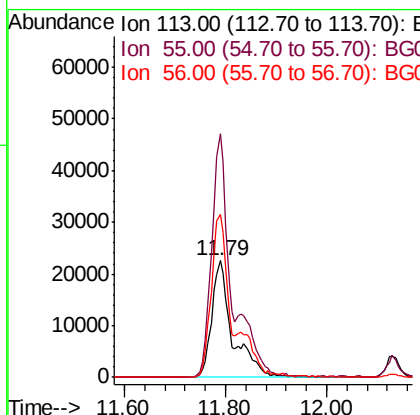
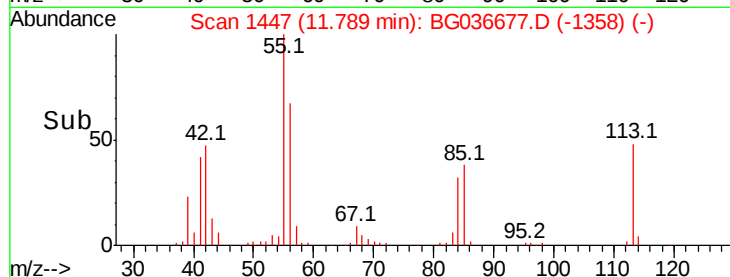
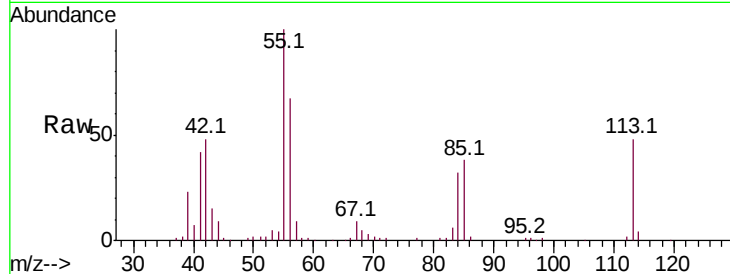
#35
Caprolactam
Concen: 38.675 ng/ml
RT: 11.79 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BG036677.D
Acq: 12 Sep 2018 17:46

Instrument :
BNA_G
ClientSampleId :
SG-SOILMSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	209.1	197.7	237.7
56	139.7	131.7	171.7

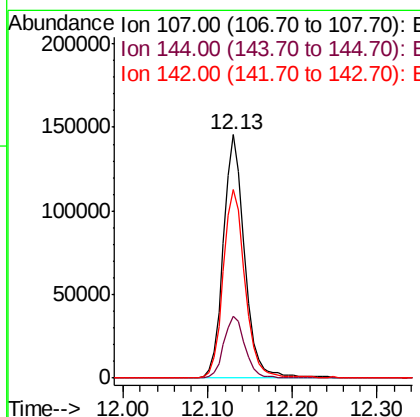
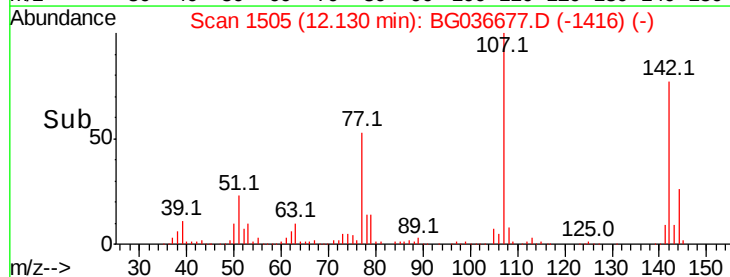
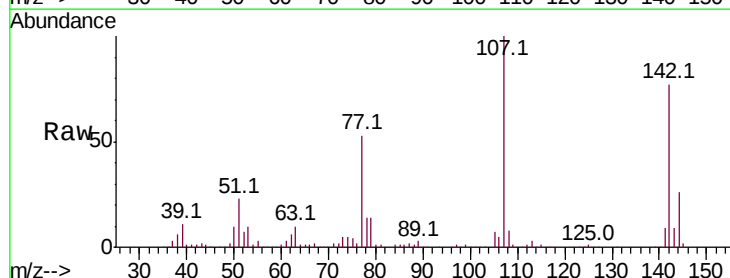
Manual Integrations
APPROVED

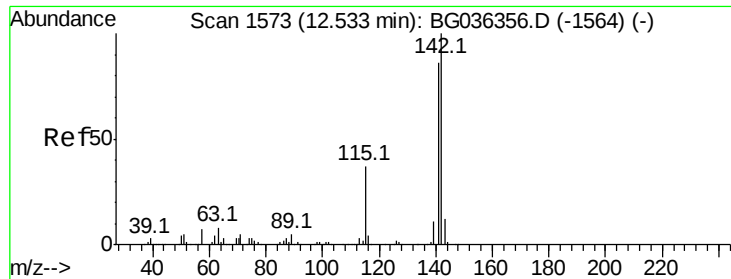
Sohil
9/13/2018 10:36:17 AM



#36
4-Chloro-3-methylphenol
Concen: 52.417 ng
RT: 12.13 min Scan# 1505
Delta R.T. -0.01 min
Lab File: BG036677.D
Acq: 12 Sep 2018 17:46

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.6	19.5	29.3
142	77.3	62.4	93.6





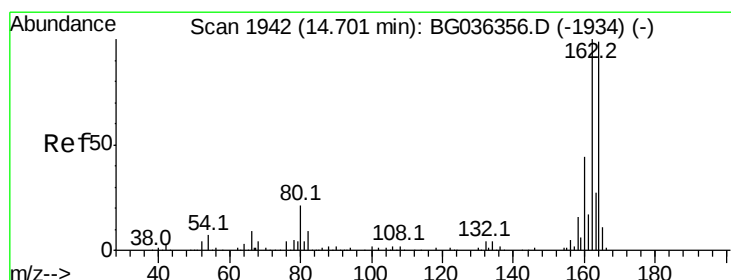
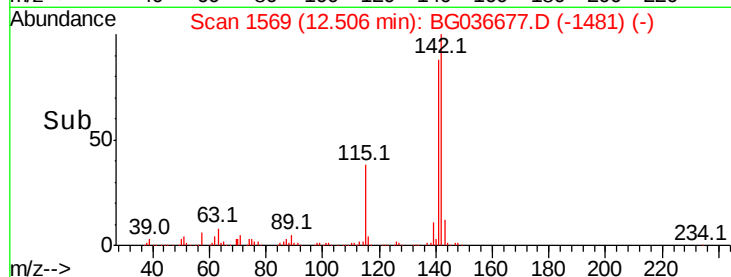
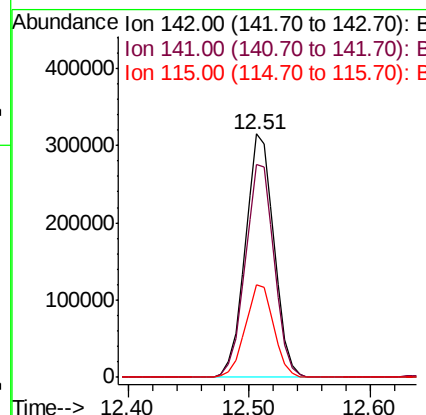
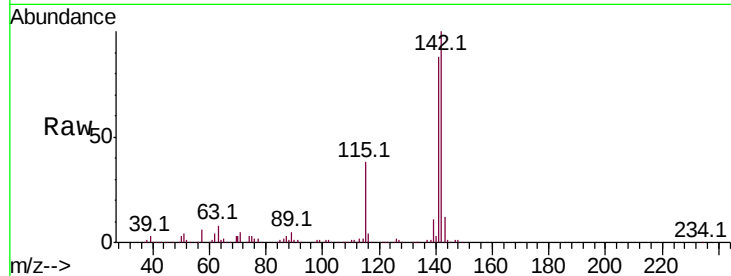
#37
2-Methylnaphthalene
Concen: 54.797 ng
RT: 12.51 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BG036677.D
Acq: 12 Sep 2018 17:46

Instrument :
BNA_G
ClientSampleId :
SG-SOILMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.6	68.5	102.7
115	37.9	29.8	44.8

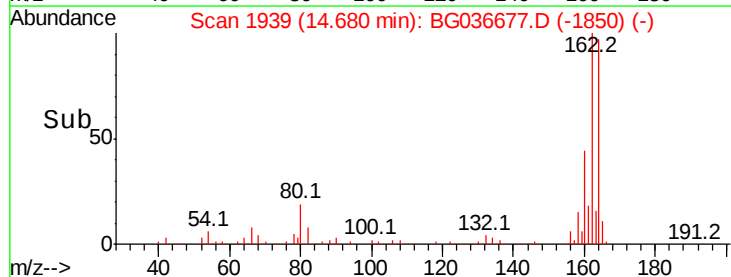
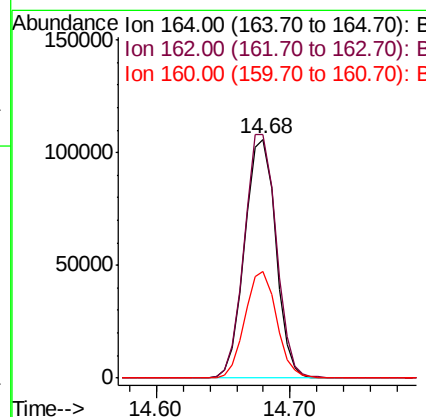
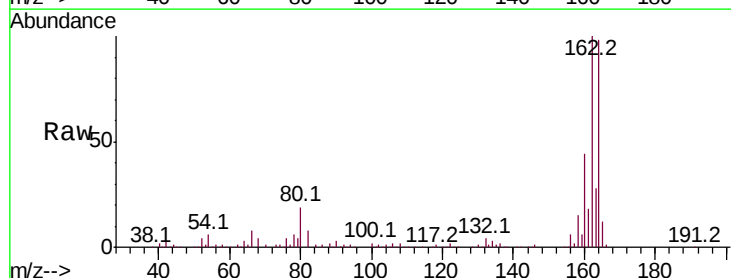
Manual Integrations
APPROVED

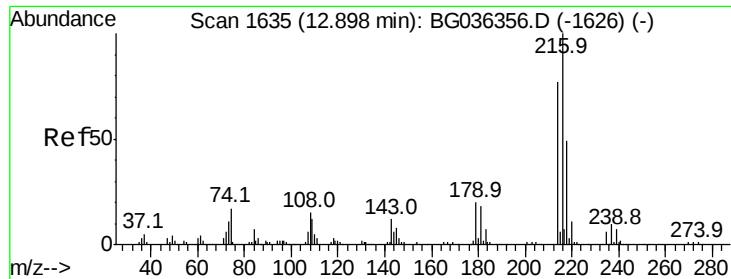
Sohil
9/13/2018 10:36:17 AM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BG036677.D
Acq: 12 Sep 2018 17:46

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	80.7	121.1
160	44.5	35.3	52.9





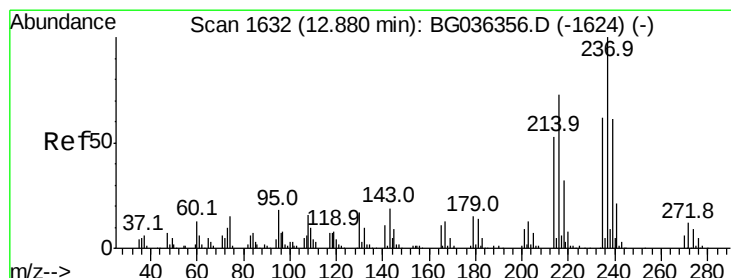
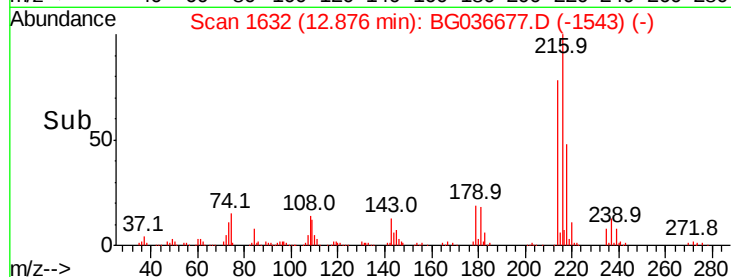
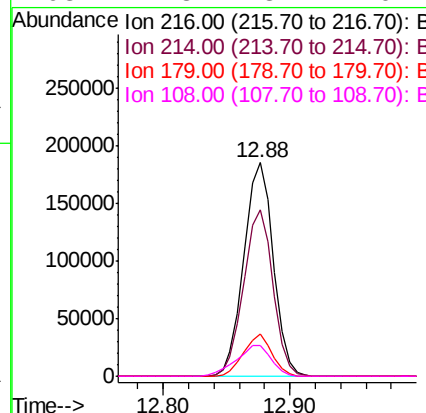
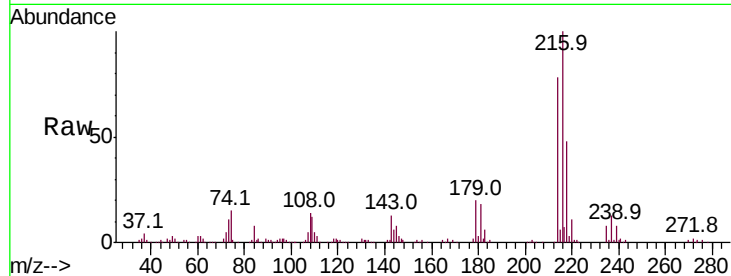
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 49.627 ng
 RT: 12.88 min Scan# 1632
 Delta R.T. -0.01 min
 Lab File: BG036677.D
 Acq: 12 Sep 2018 17:46

Instrument :
 BNA_G
 ClientSampleId :
 SG-SOILMSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	299102		
214	77.3	61.0	91.6	
179	18.9	15.7	23.5	
108	17.3	13.1	19.7	

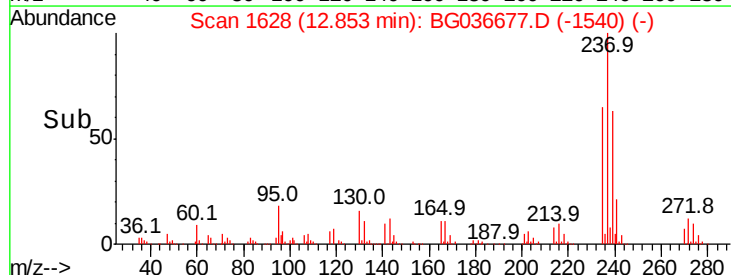
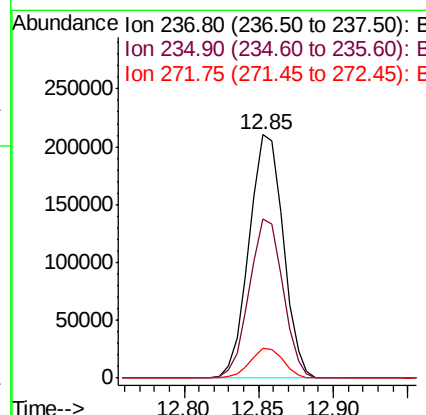
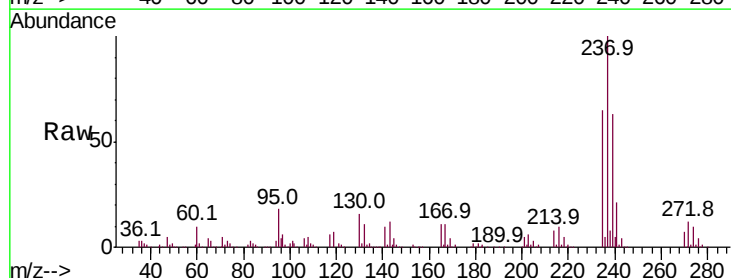
Manual Integrations
 APPROVED

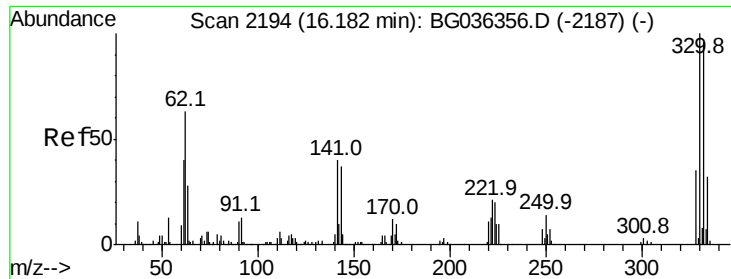
Sohil
 9/13/2018 10:36:17 AM



#40
 Hexachlorocyclopentadiene
 Concen: 106.066 ng
 RT: 12.85 min Scan# 1628
 Delta R.T. -0.01 min
 Lab File: BG036677.D
 Acq: 12 Sep 2018 17:46

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	332608		
235	65.3	42.2	82.2	
272	12.3	0.0	32.1	





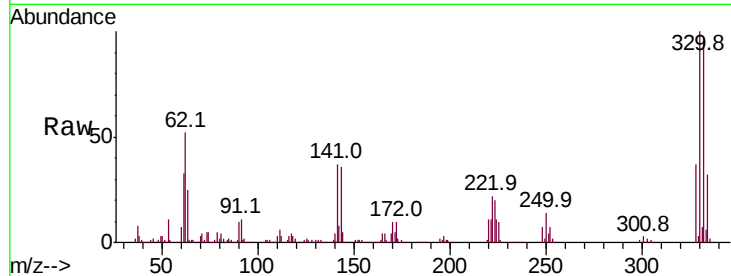
#41
 2,4,6-Tribromophenol
 Concen: 136.392 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.01 min
 Lab File: BG036677.D
 Acq: 12 Sep 2018 17:46

Instrument :
 BNA_G
 ClientSampleID :
 SG-SOILMSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	277170		
332	96.7	75.4	113.2	
141	36.3	30.7	46.1	

Manual Integrations
 APPROVED

Sohil
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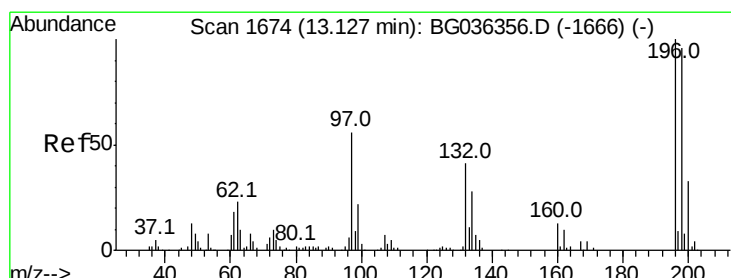
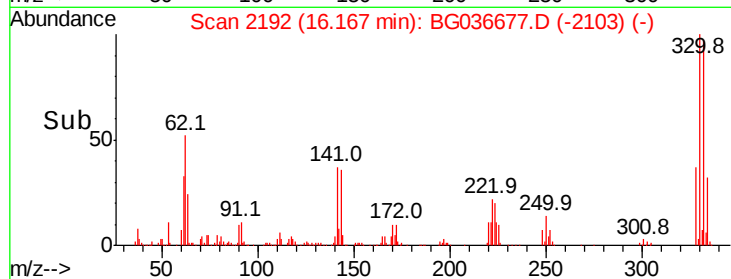
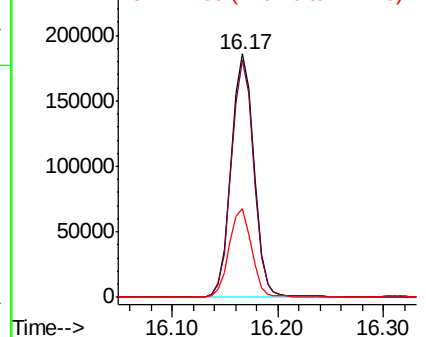


Abundance

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: 54.878 ng
 RT: 13.11 min Scan# 1672
 Delta R.T. -0.01 min
 Lab File: BG036677.D
 Acq: 12 Sep 2018 17:46

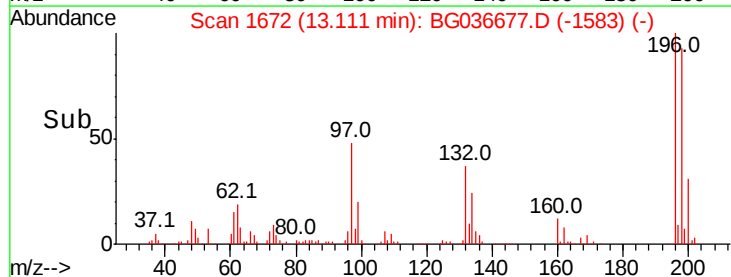
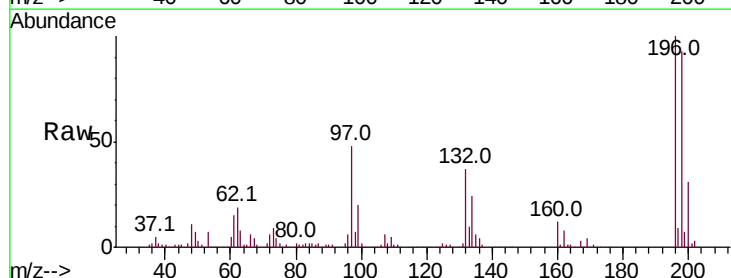
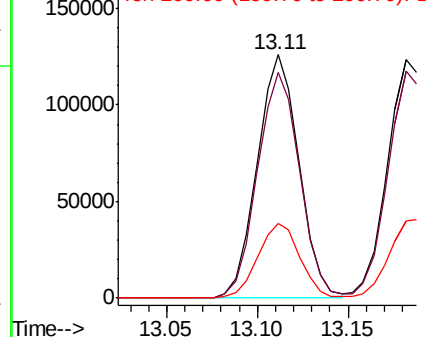
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	201477		
198	92.5	77.2	115.8	
200	30.6	26.3	39.5	

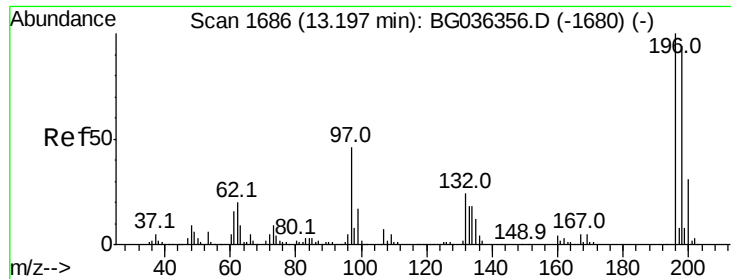
Abundance

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





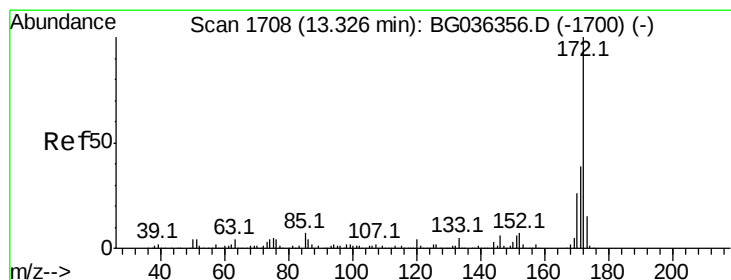
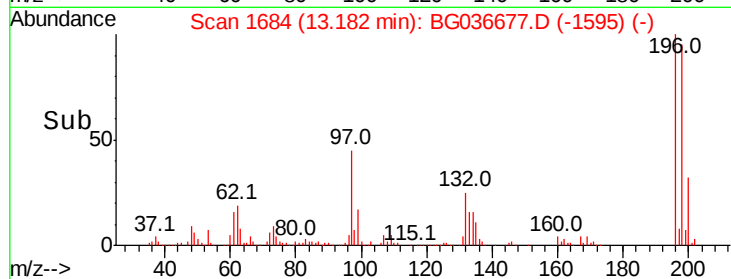
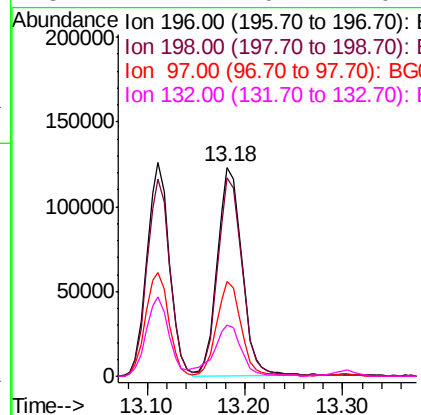
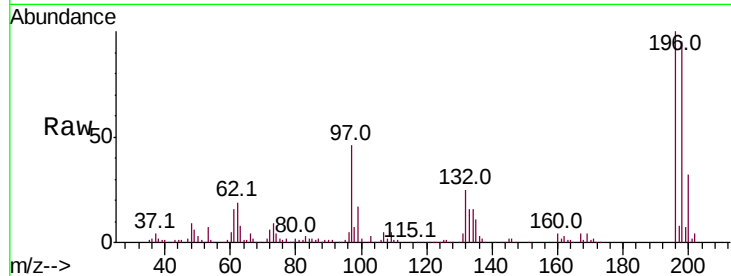
#43
 2,4,5-Trichlorophenol
 Concen: 55.423 ng
 RT: 13.18 min Scan# 1684
 Delta R.T. -0.01 min
 Lab File: BG036677.D
 Acq: 12 Sep 2018 17:46

Instrument :
 BNA_G
 ClientSampleId :
 SG-SOILMSD

Tot Ion:	196	Resp:	217030
Ion Ratio	Lower	Upper	
196	100		
198	95.0	75.6	113.4
97	45.6	37.2	55.8
132	24.7	19.4	29.2

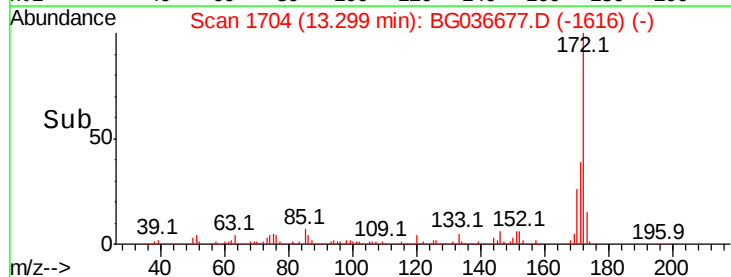
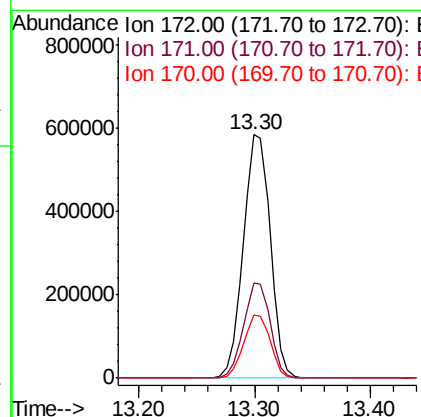
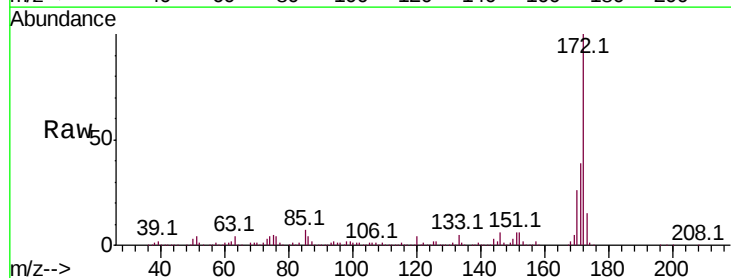
Manual Integrations
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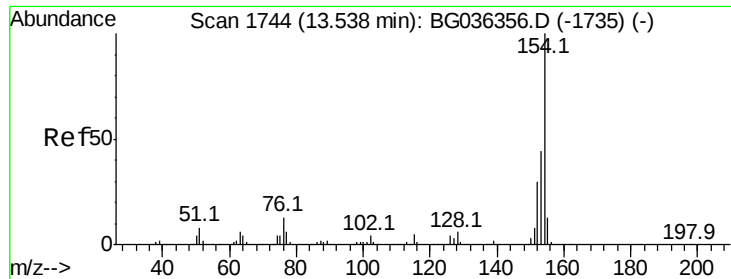
Sohil
 9/13/2018 10:36:17 AM



#44
 2-Fluorobiphenyl
 Concen: 79.172 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036677.D
 Acq: 12 Sep 2018 17:46

Tgt Ion:	172	Resp:	944350
Ion Ratio	Lower	Upper	
172	100		
171	39.2	31.3	46.9
170	26.0	21.0	31.6





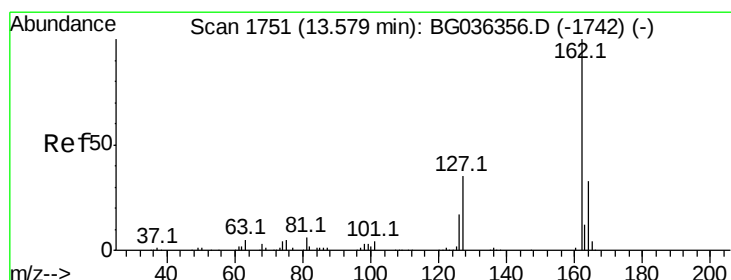
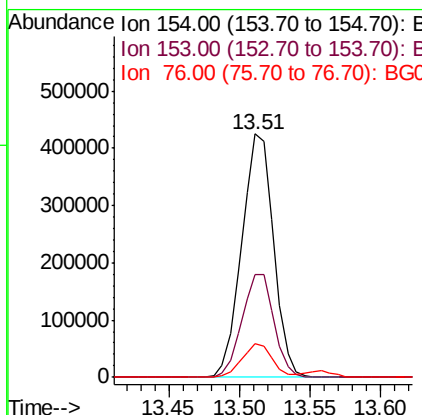
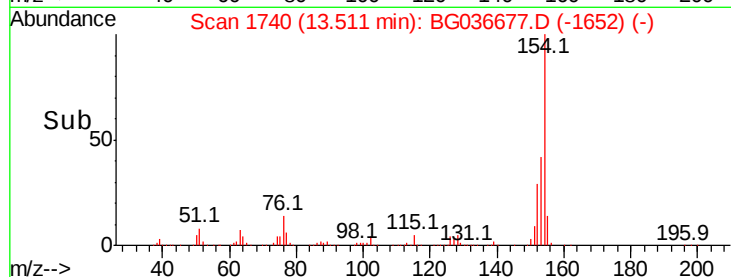
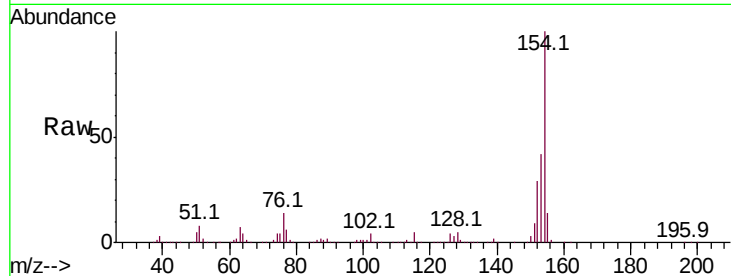
#45
 1,1'-Biphenyl
 Concen: 47.459 ng
 RT: 13.51 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BG036677.D
 Acq: 12 Sep 2018 17:46

Instrument :
 BNA_G
 ClientSampleId :
 SG-SOILMSD

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	42.3	24.0	64.0	
76	13.8	0.0	32.9	

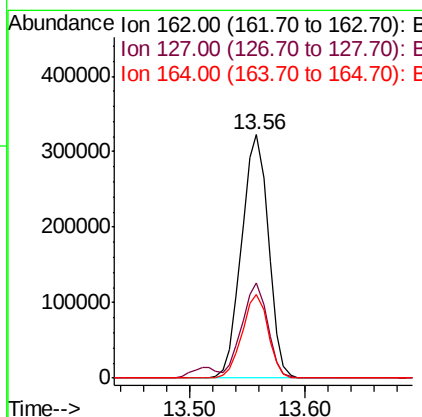
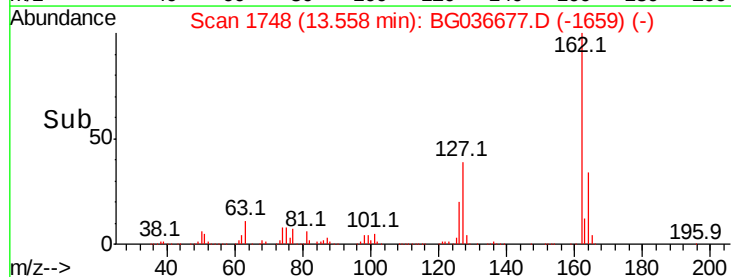
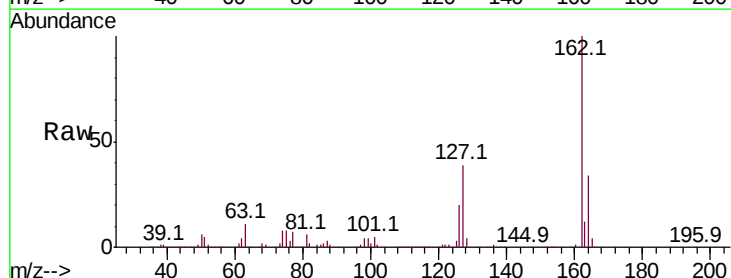
Manual Integrations
 APPROVED

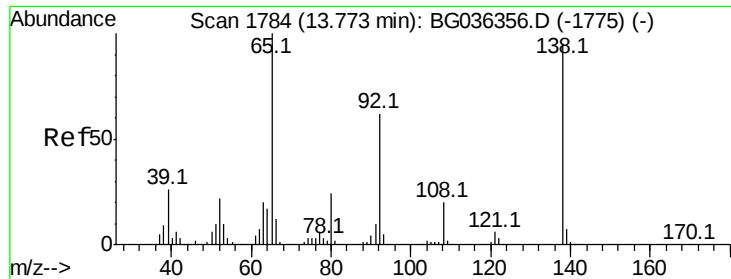
Sohil
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#46
 2-Chloronaphthalene
 Concen: 48.425 ng
 RT: 13.56 min Scan# 1748
 Delta R.T. -0.01 min
 Lab File: BG036677.D
 Acq: 12 Sep 2018 17:46

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	39.2	30.7	46.1	
164	34.3	26.7	40.1	





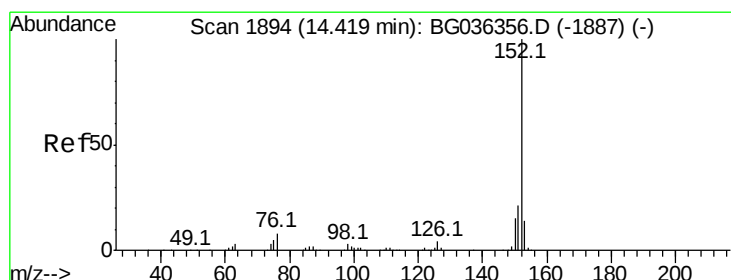
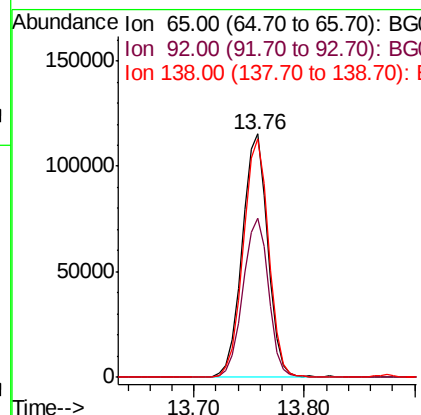
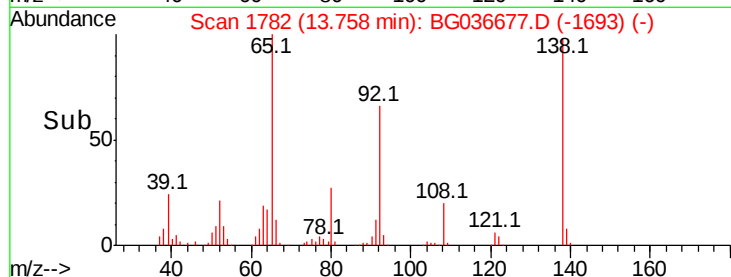
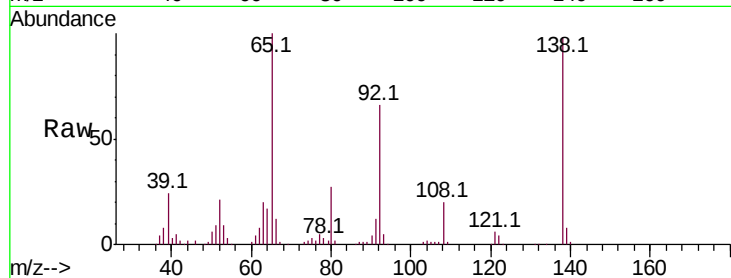
#47
2-Nitroaniline
Concen: 55.362 ng
RT: 13.76 min Scan# 1782
Delta R.T. -0.01 min
Lab File: BG036677.D
Acq: 12 Sep 2018 17:46

Instrument :
BNA_G
ClientSampleId :
SG-SOILMSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	65.5	49.9	74.9
138	97.9	76.2	114.4

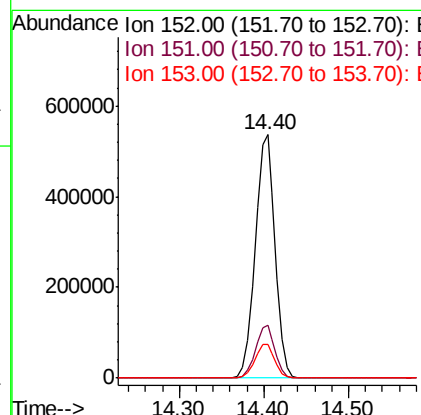
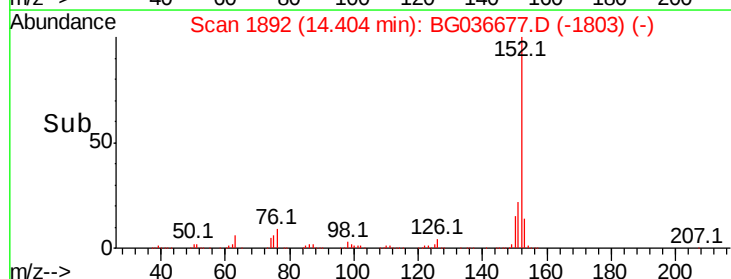
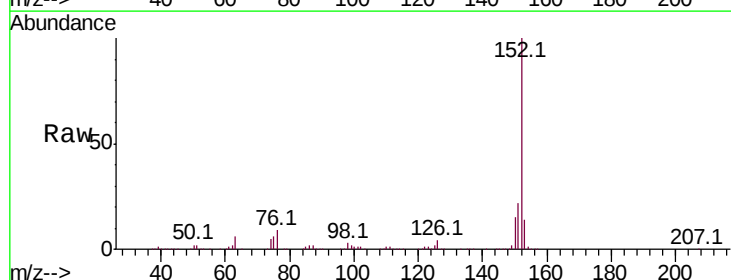
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#48
Acenaphthylene
Concen: 52.170 ng
RT: 14.40 min Scan# 1892
Delta R.T. -0.01 min
Lab File: BG036677.D
Acq: 12 Sep 2018 17:46

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.5	16.9	25.3
153	13.9	11.2	16.8





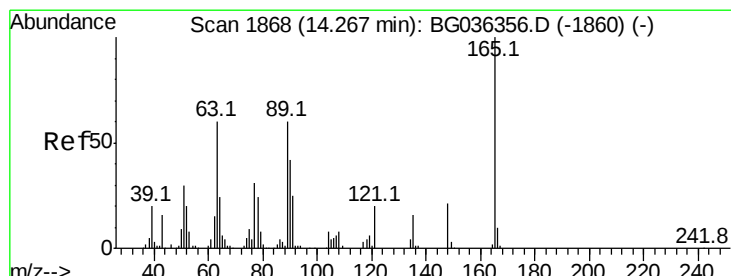
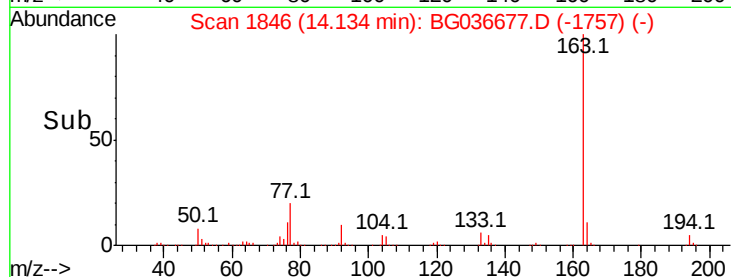
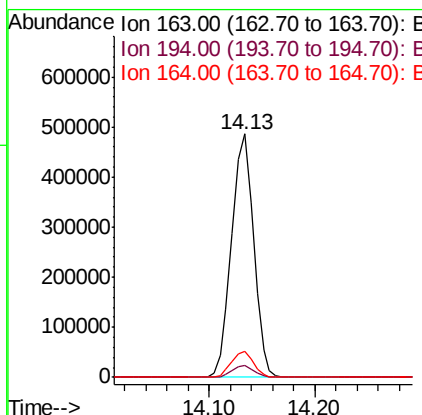
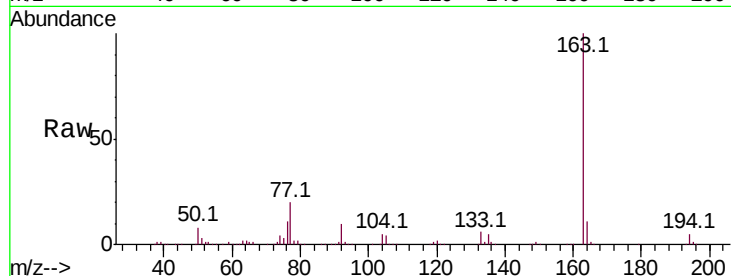
#49
Dimethylphthalate
Concen: 50.492 ng
RT: 14.13 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BG036677.D
Acq: 12 Sep 2018 17:46

Instrument :
BNA_G
ClientSampleId :
SG-SOILMSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	702174		
194	4.9		4.0	6.0
164	10.7		8.1	12.1

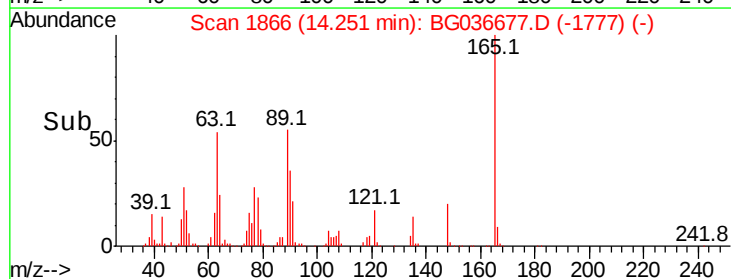
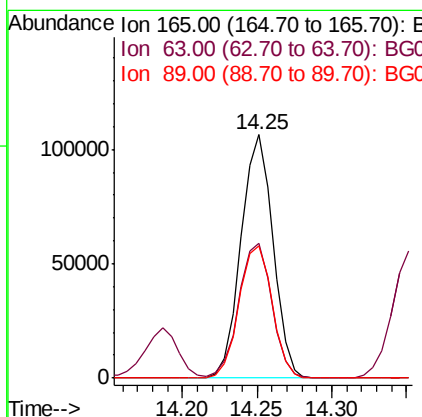
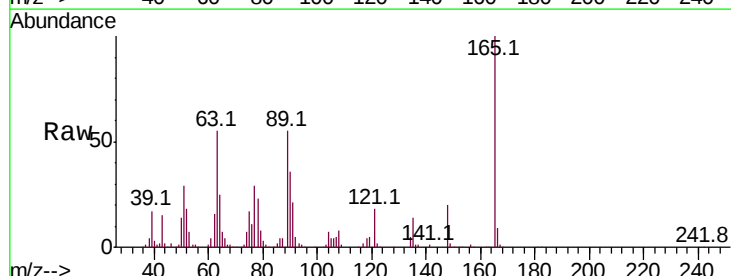
Manual Integrations
APPROVED

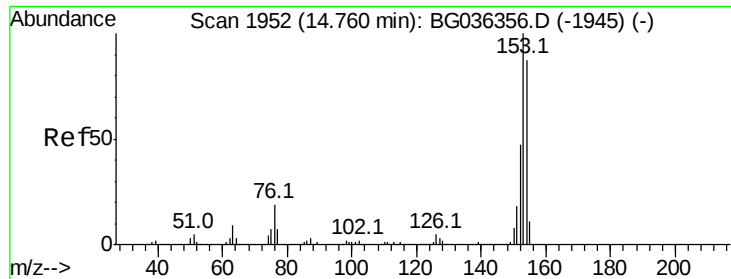
Sohil
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#50
2,6-Dinitrotoluene
Concen: 55.220 ng
RT: 14.25 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BG036677.D
Acq: 12 Sep 2018 17:46

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	158018		
63	55.3		50.1	75.1
89	54.6		47.8	71.6





#51

Acenaphthene

Concen: 48.237 ng

RT: 14.74 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BG036677.D

Acq: 12 Sep 2018 17:46

Instrument :

BNA_G

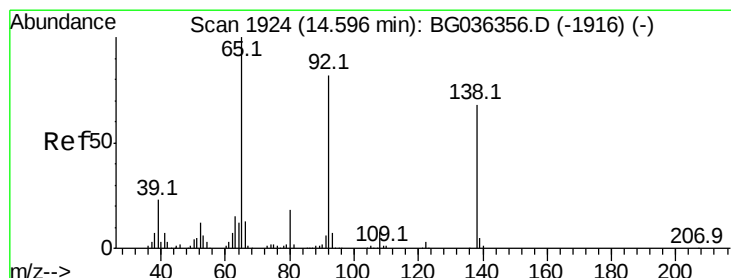
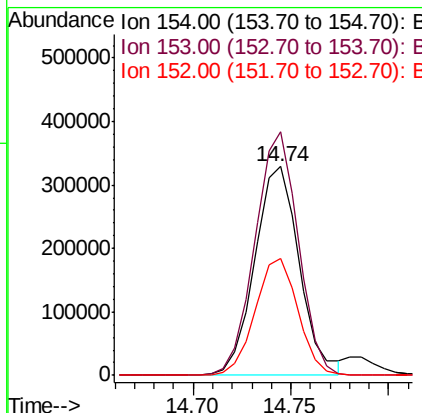
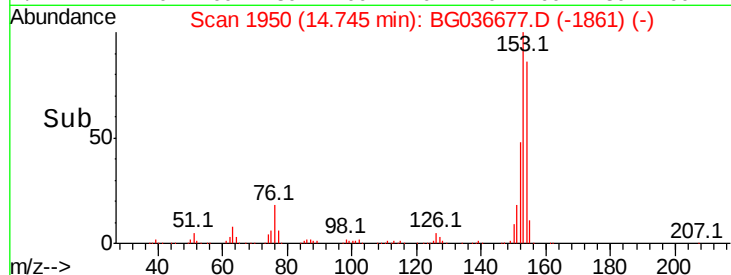
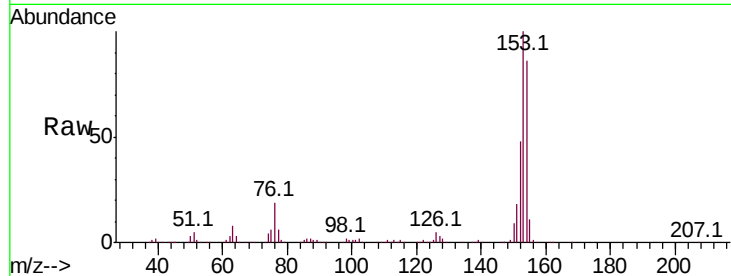
ClientSampleId :

SG-SOILMSD

Tot Ion:	154	Resp:	521066
Ion Ratio	Lower	Upper	
154	100		
153	116.6	91.8	137.6
152	56.0	43.5	65.3

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#52

3-Nitroaniline

Concen: 22.177 ng

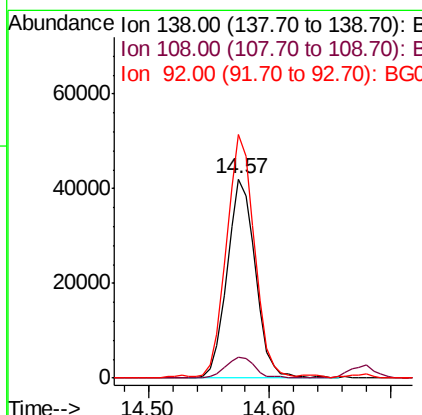
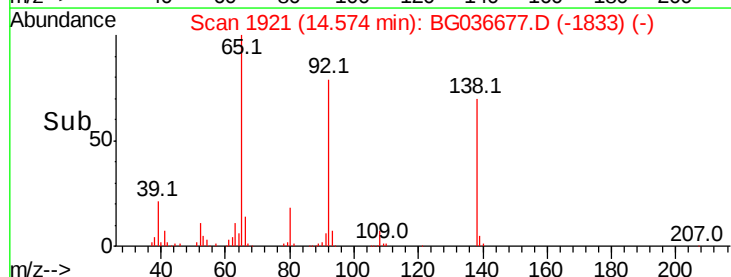
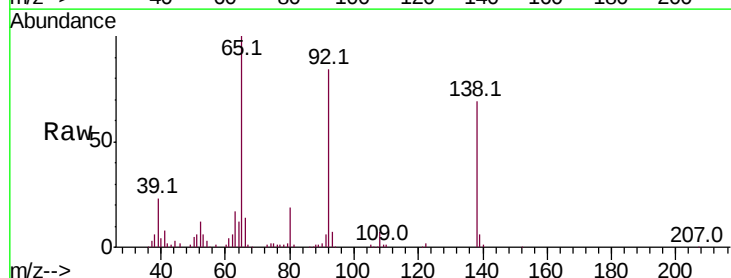
RT: 14.57 min Scan# 1921

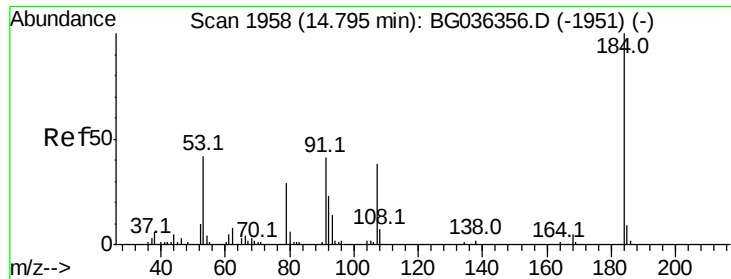
Delta R.T. -0.01 min

Lab File: BG036677.D

Acq: 12 Sep 2018 17:46

Tgt Ion:	138	Resp:	68388
Ion Ratio	Lower	Upper	
138	100		
108	10.7	9.4	14.2
92	122.1	96.8	145.2





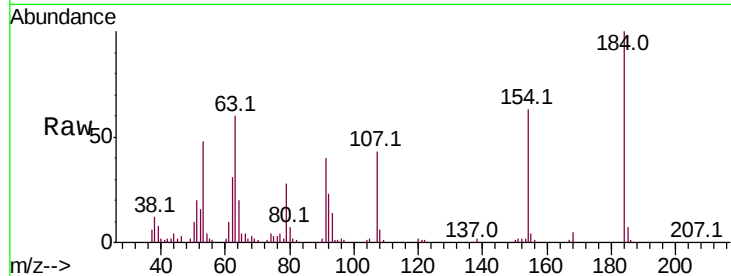
#53
2,4-Dinitrophenol
Concen: 72.502 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG036677.D
Acq: 12 Sep 2018 17:46

Instrument :
BNA_G
ClientSampleId :
SG-SOILMSD

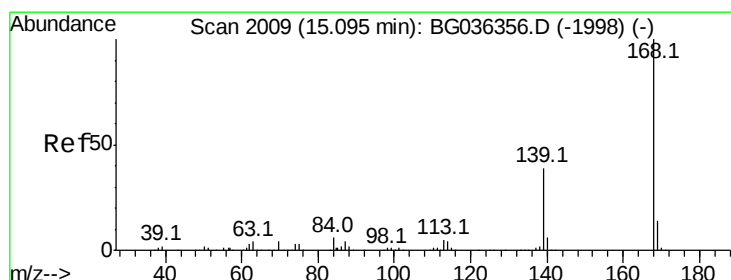
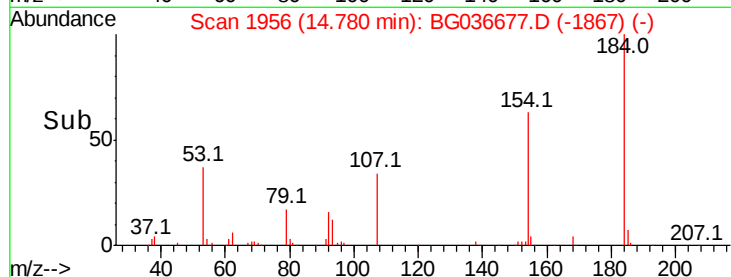
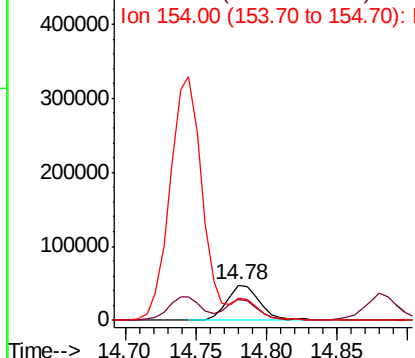
Tot Ion	Ratio	Lower	Upper
184	100		
63	60.5	47.3	70.9
154	62.5	51.1	76.7

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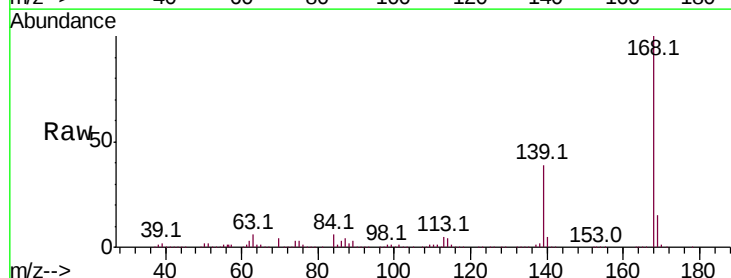


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

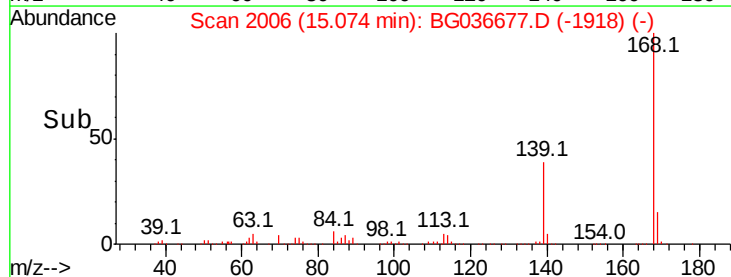
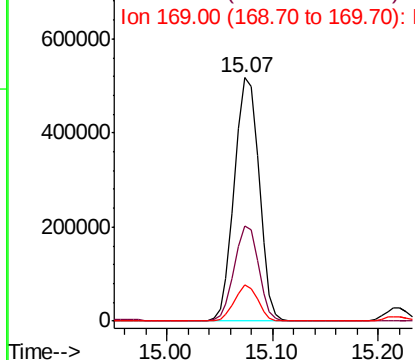


#54
Dibenzofuran
Concen: 49.569 ng
RT: 15.07 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BG036677.D
Acq: 12 Sep 2018 17:46

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.9	31.0	46.6
169	14.8	11.1	16.7



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





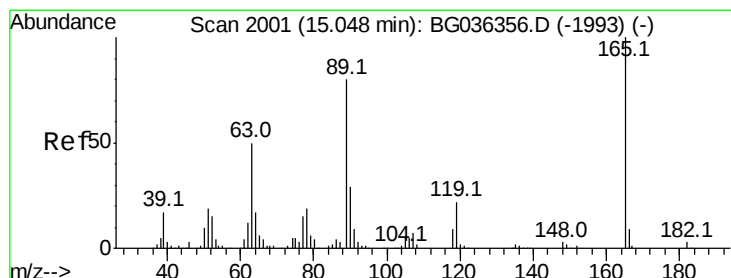
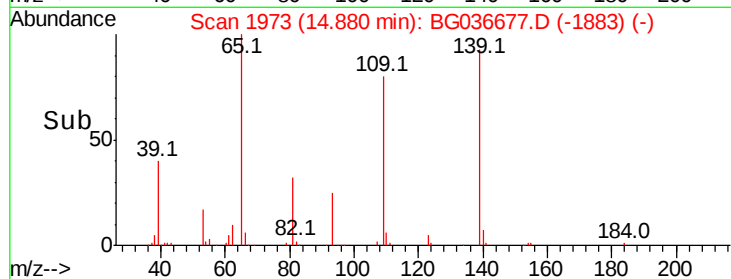
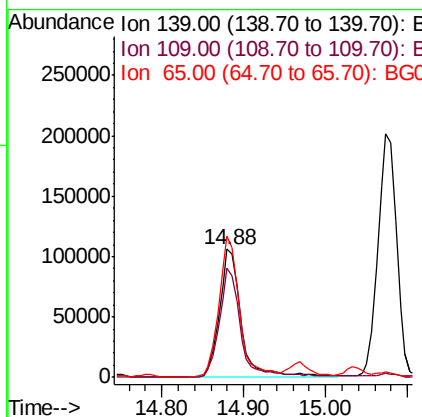
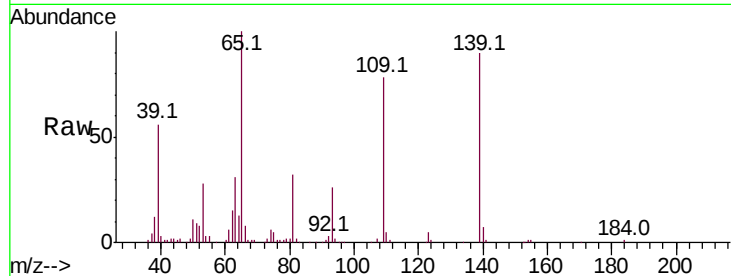
#55
4-Nitrophenol
Concen: 78.549 ng
RT: 14.88 min Scan# 1973
Delta R.T. 0.00 min
Lab File: BG036677.D
Acq: 12 Sep 2018 17:46

Instrument :
BNA_G
ClientSampleId :
SG-SOILMSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	198051		
109	85.9	63.9	103.9	
65	110.5	90.0	130.0	

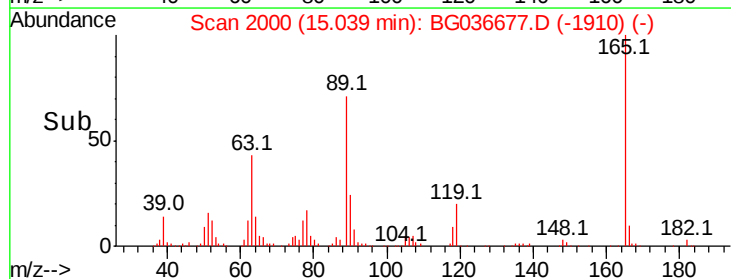
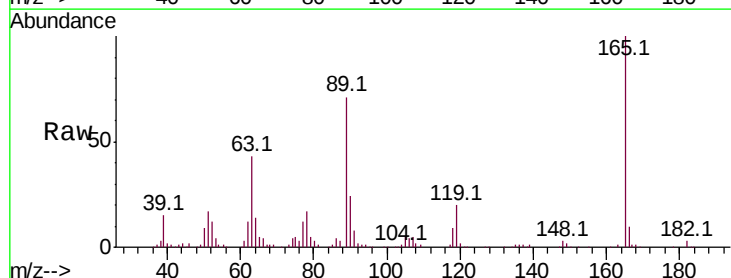
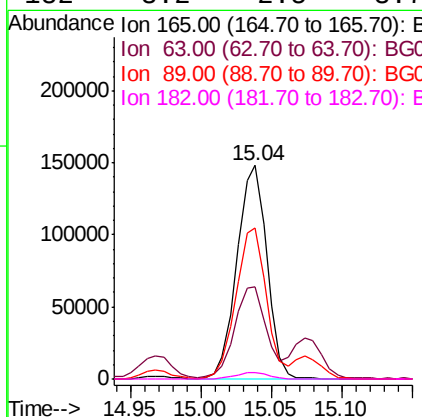
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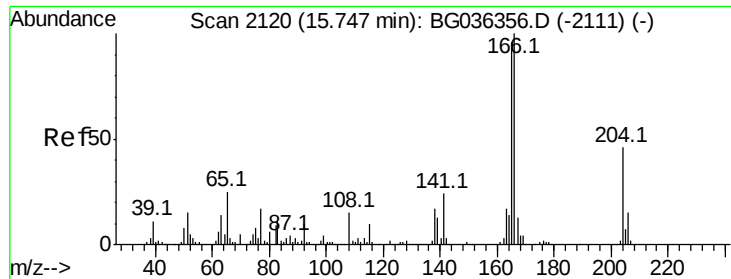
Sohil
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#56
2,4-Dinitrotoluene
Concen: 59.003 ng
RT: 15.04 min Scan# 2000
Delta R.T. 0.00 min
Lab File: BG036677.D
Acq: 12 Sep 2018 17:46

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	220051		
63	43.3	40.1	60.1	
89	70.9	63.7	95.5	
182	3.2	2.5	3.7	





#57

Fluorene

Concen: 52.677 ng

RT: 15.73 min Scan# 2117

Delta R.T. -0.01 min

Lab File: BG036677.D

Acq: 12 Sep 2018 17:46

Instrument :

BNA_G

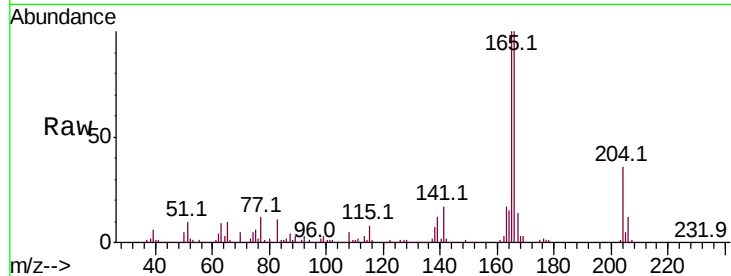
ClientSampleId :

SG-SOILMSD

Tot Ion:	166	Resp:	666438
Ion Ratio	Lower	Upper	
166	100		
165	99.9	77.0	115.4
167	14.2	10.6	16.0

Manual Integrations
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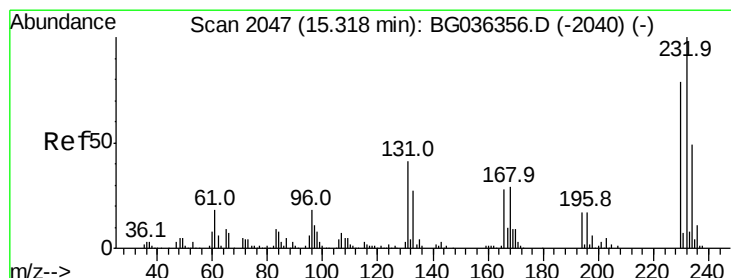
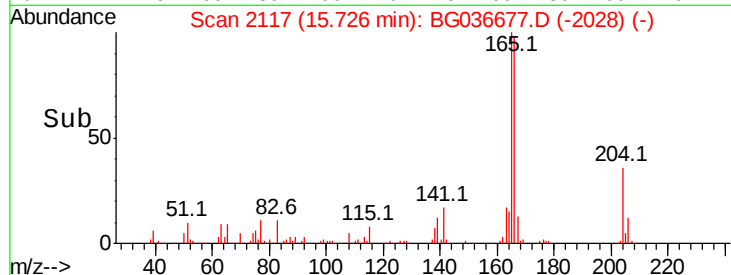
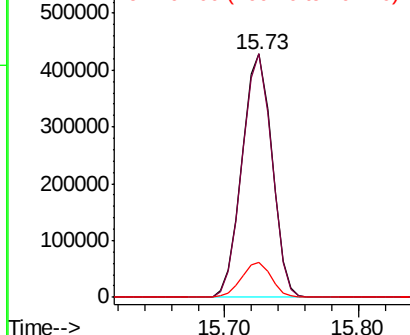


Abundance

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: 57.636 ng

RT: 15.30 min Scan# 2044

Delta R.T. -0.01 min

Lab File: BG036677.D

Acq: 12 Sep 2018 17:46

Tgt Ion:	232	Resp:	212050
Ion Ratio	Lower	Upper	
232	100		
131	38.0	33.8	50.8
130	2.2	2.1	3.1
166	26.9	22.3	33.5

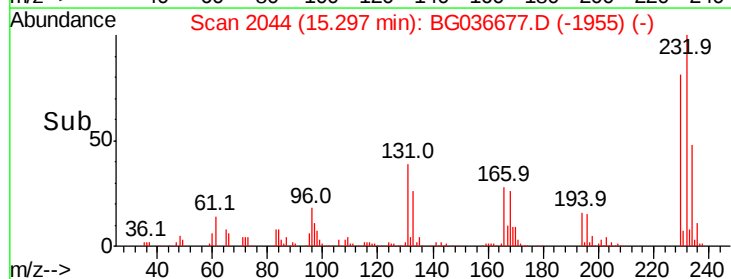
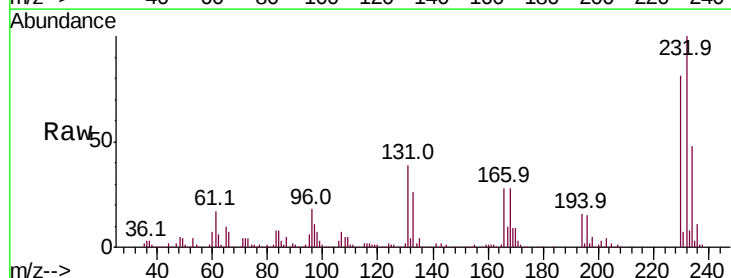
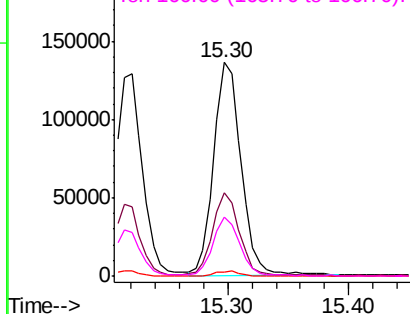
Abundance

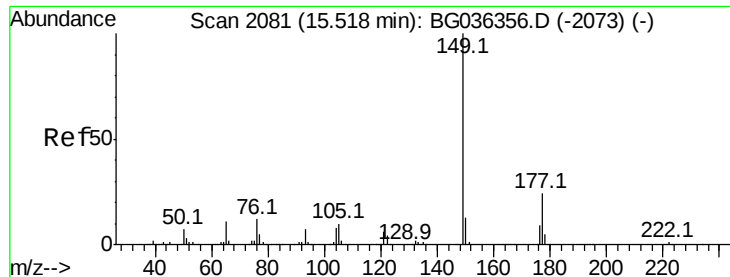
Ion 232.00 (231.70 to 232.70): E

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





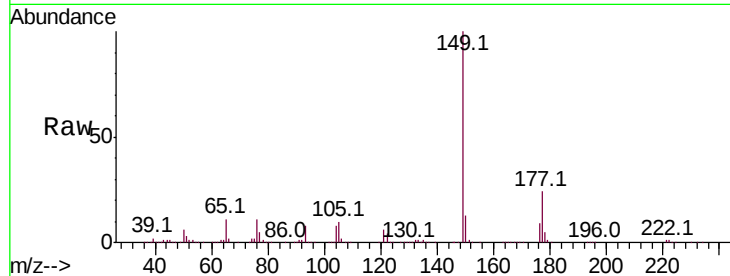
#59
Diethylphthalate
Concen: 49.422 ng
RT: 15.49 min Scan# 2077
Delta R.T. -0.01 min
Lab File: BG036677.D
Acq: 12 Sep 2018 17:46

Instrument :
BNA_G
ClientSampleId :
SG-SOILMSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	23.8	19.1	28.7
150	13.3	10.7	16.1

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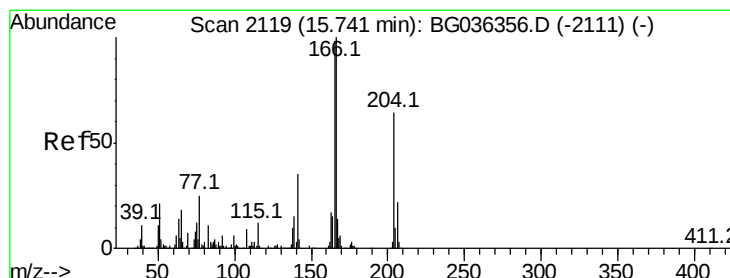
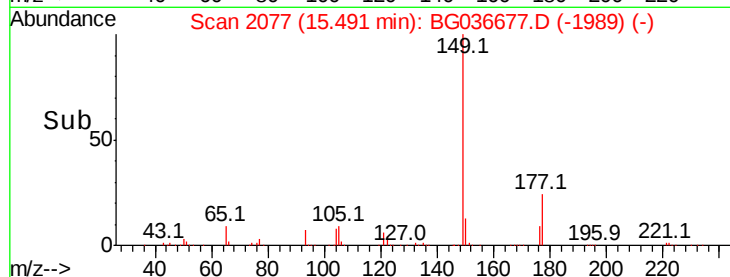
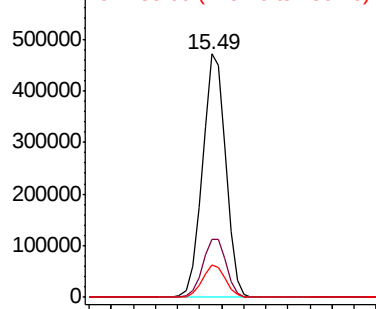


Abundance

Ion 149.00 (148.70 to 149.70): E

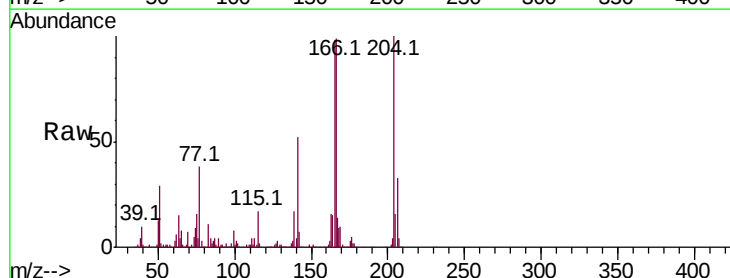
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60
4-Chlorophenyl-phenylether
Concen: 50.164 ng
RT: 15.71 min Scan# 2115
Delta R.T. -0.01 min
Lab File: BG036677.D
Acq: 12 Sep 2018 17:46

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.7	27.0	40.4
141	52.3	43.8	65.6

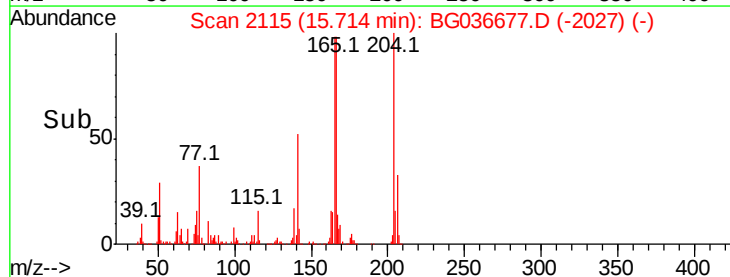
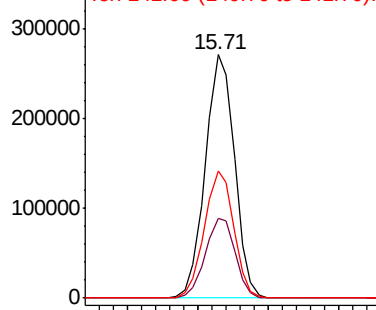


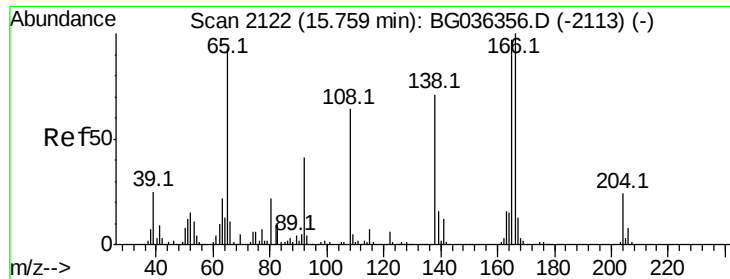
Abundance

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





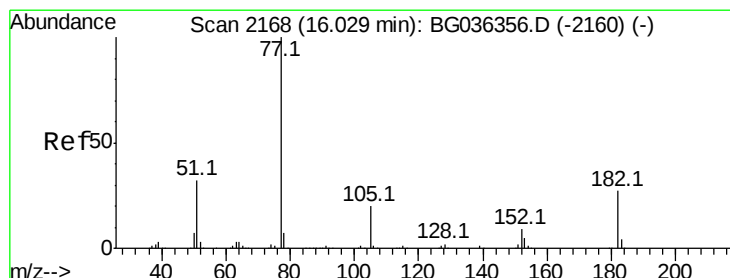
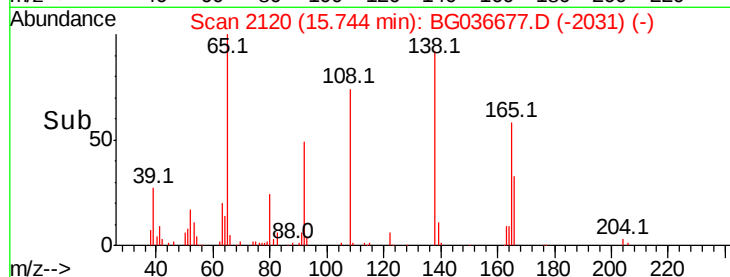
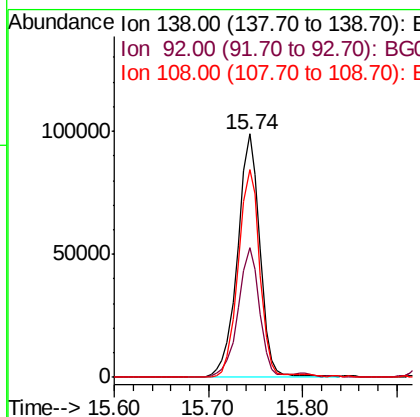
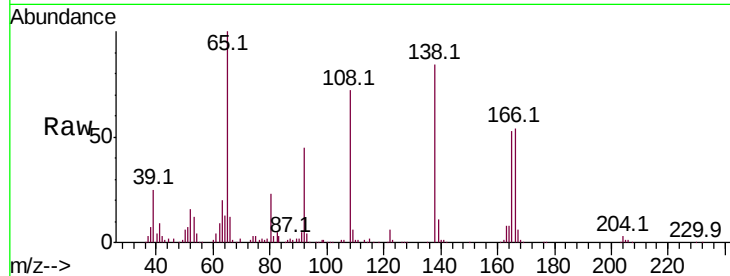
#61
4-Nitroaniline
Concen: 50.676 ng
RT: 15.74 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BG036677.D
Acq: 12 Sep 2018 17:46

Instrument :
BNA_G
ClientSampleId :
SG-SOILMSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	53.1	38.5	78.5
108	85.2	70.3	110.3

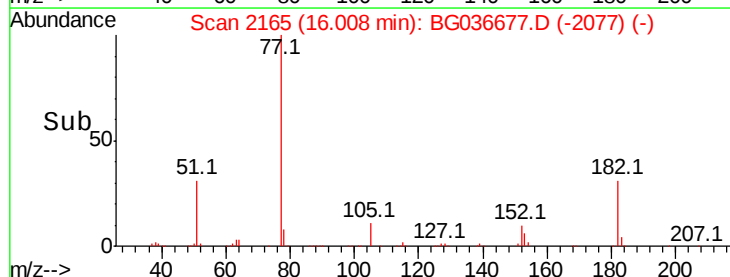
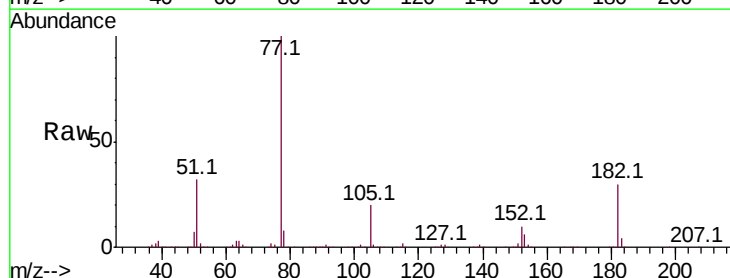
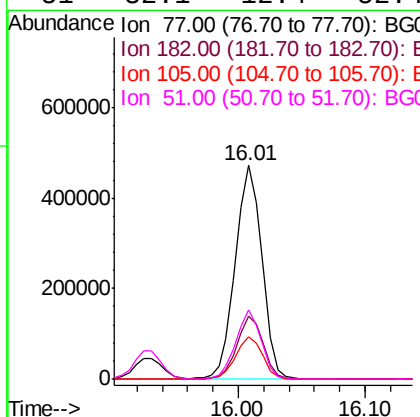
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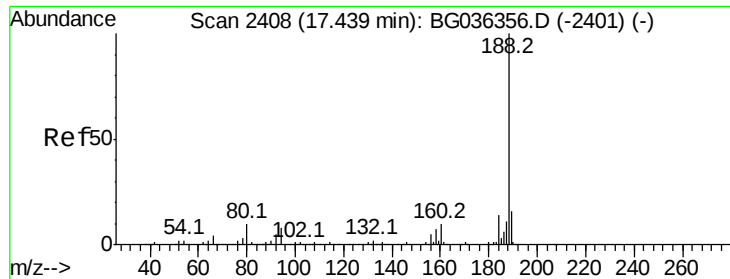
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#62
Azobenzene
Concen: 47.666 ng
RT: 16.01 min Scan# 2165
Delta R.T. -0.01 min
Lab File: BG036677.D
Acq: 12 Sep 2018 17:46

Tgt Ion	Ratio	Lower	Upper
77	100		
182	29.6	6.7	46.7
105	20.1	0.0	39.8
51	32.1	12.4	52.4





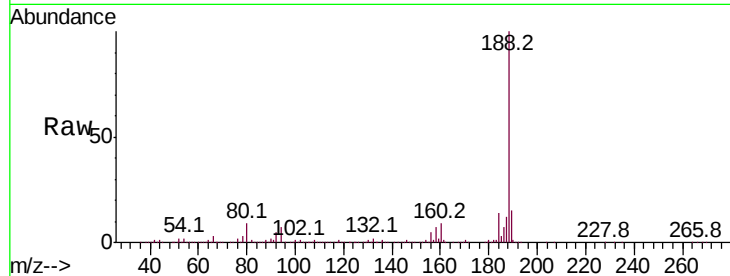
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG036677.D
Acq: 12 Sep 2018 17:46

Instrument :
BNA_G
ClientSampleId :
SG-SOILMSD

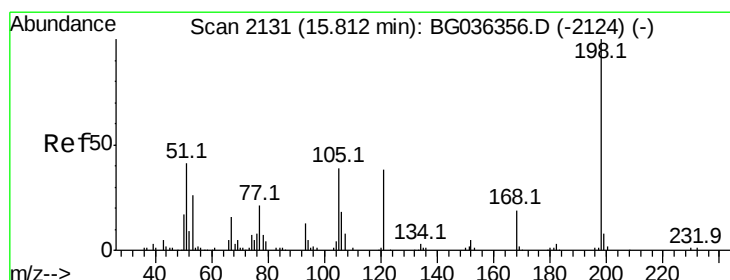
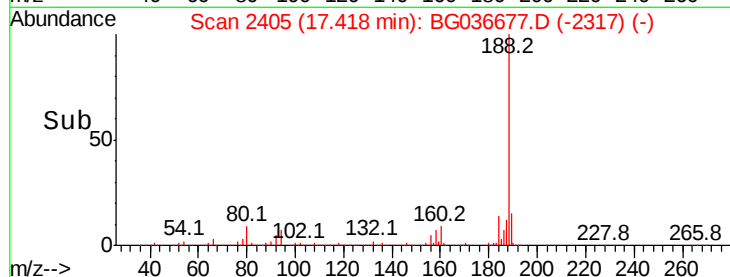
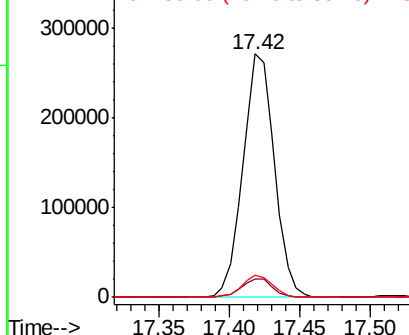
Tot Ion	Ratio	Resp	Lower	Upper
188	100	423146		
94	7.5		6.7	10.1
80	9.3		8.1	12.1

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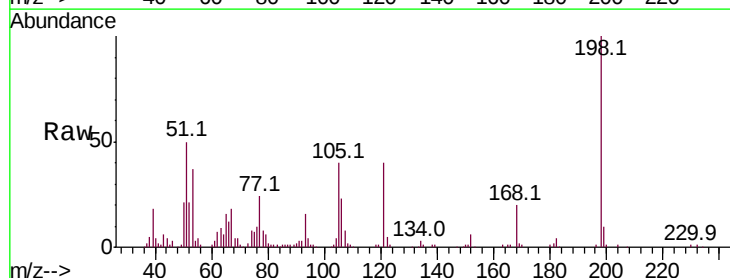


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

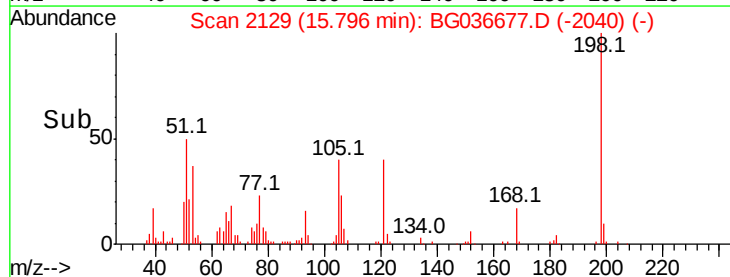
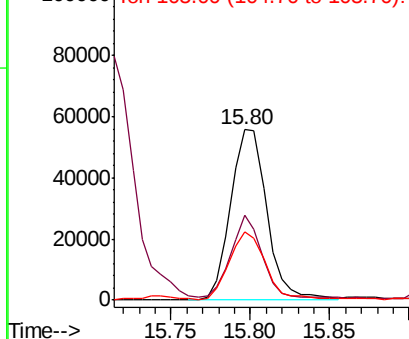


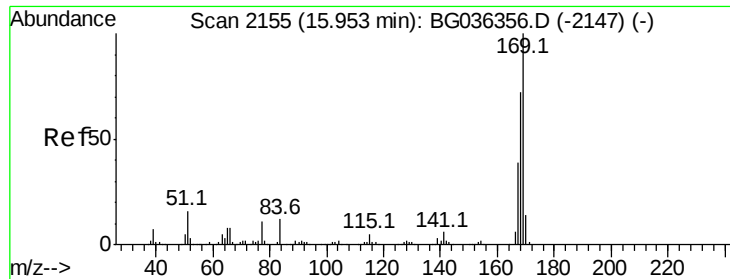
#64
4,6-Dinitro-2-methylphenol
Concen: 47.629 ng
RT: 15.80 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BG036677.D
Acq: 12 Sep 2018 17:46

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	88533		
51	49.7		26.5	66.5
105	40.3		20.2	60.2



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





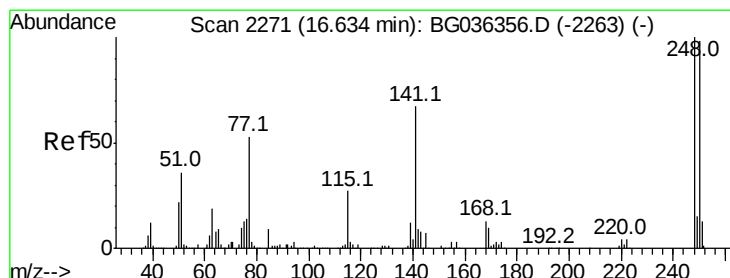
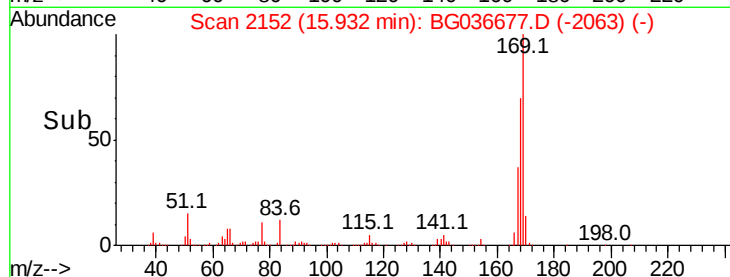
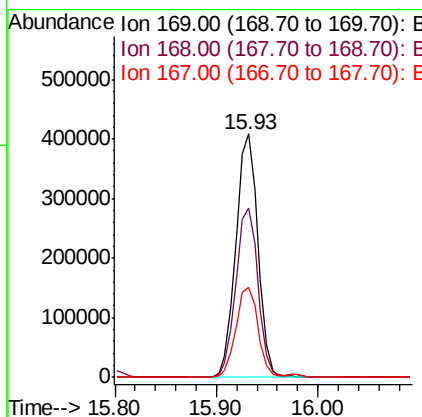
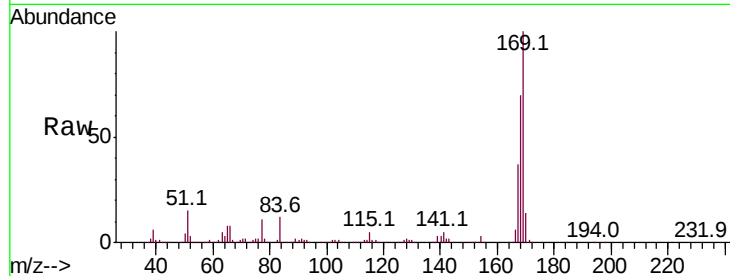
#65
n-Nitrosodiphenylamine
Concen: 49.017 ng
RT: 15.93 min Scan# 2152
Delta R.T. -0.01 min
Lab File: BG036677.D
Acq: 12 Sep 2018 17:46

Instrument :
BNA_G
ClientSampled :
SG-SOILMSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	616302		
168	69.7		57.6	86.4
167	37.2		31.0	46.4

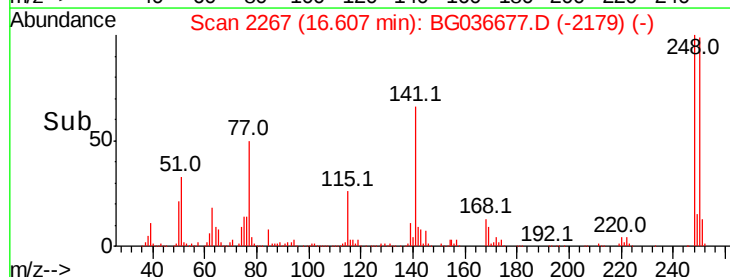
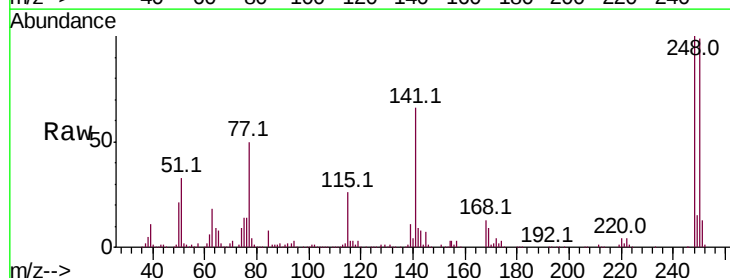
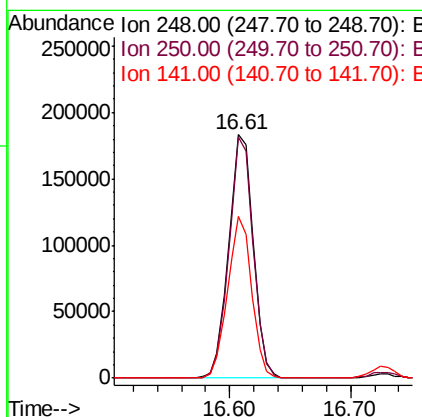
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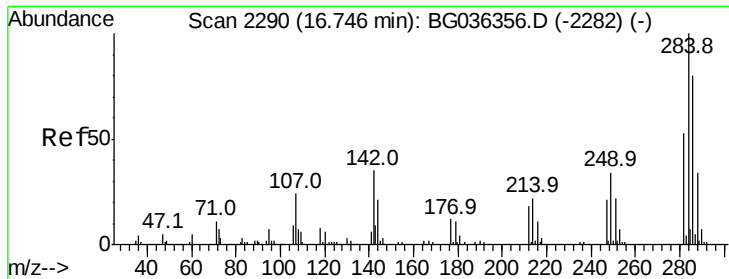
Sohil
9/13/2018 10:36:17 AM



#66
4-Bromophenyl-phenylether
Concen: 52.520 ng
RT: 16.61 min Scan# 2267
Delta R.T. -0.01 min
Lab File: BG036677.D
Acq: 12 Sep 2018 17:46

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	260194		
250	98.8		78.1	117.1
141	66.5		53.7	80.5





#67

Hexachlorobenzene

Concen: 50.809 ng

RT: 16.72 min Scan# 2287

Delta R.T. -0.01 min

Lab File: BG036677.D

Acq: 12 Sep 2018 17:46

Instrument :

BNA_G

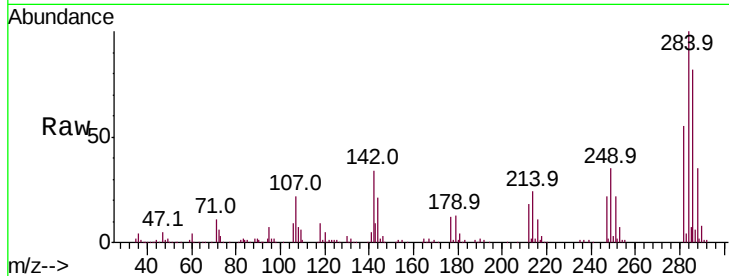
ClientSampleId :

SG-SOILMSD

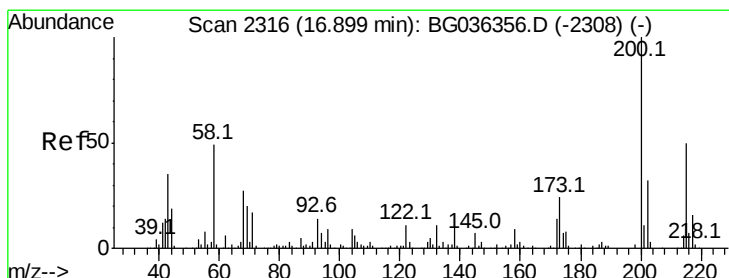
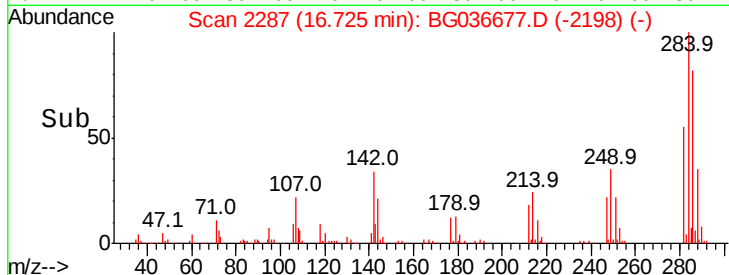
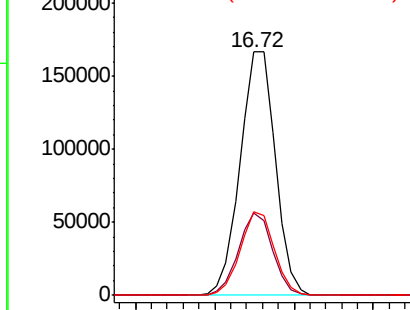
Tot Ion:	284	Resp:	257389
Ion Ratio		Lower	Upper
284	100		
142	34.1	27.8	41.6
249	34.6	27.4	41.2

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



#68

Atrazine

Concen: 55.911 ng

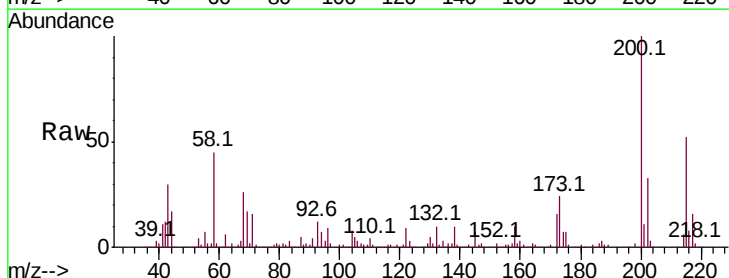
RT: 16.88 min Scan# 2313

Delta R.T. -0.01 min

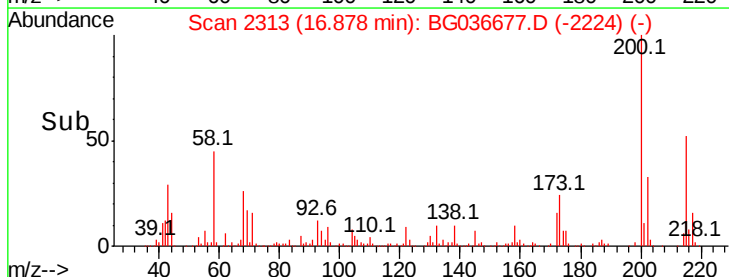
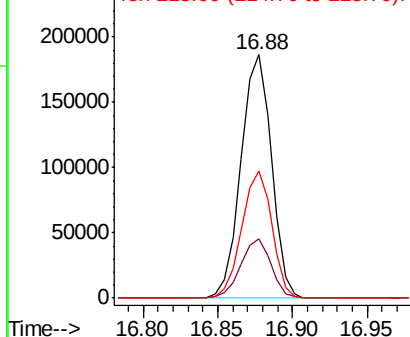
Lab File: BG036677.D

Acq: 12 Sep 2018 17:46

Tgt Ion:	200	Resp:	263862
Ion Ratio		Lower	Upper
200	100		
173	24.4	3.9	43.9
215	52.0	30.4	70.4



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





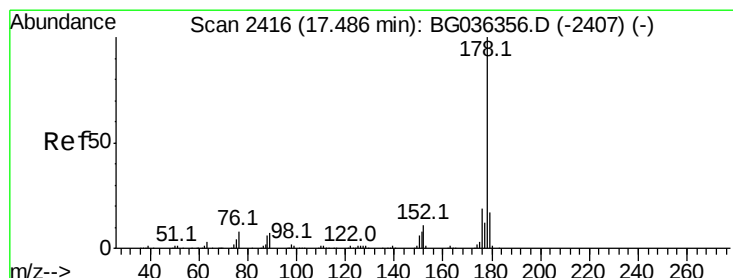
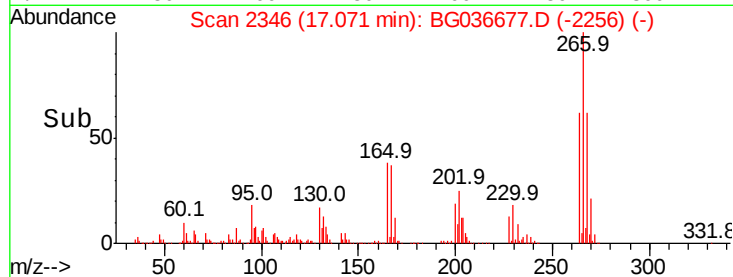
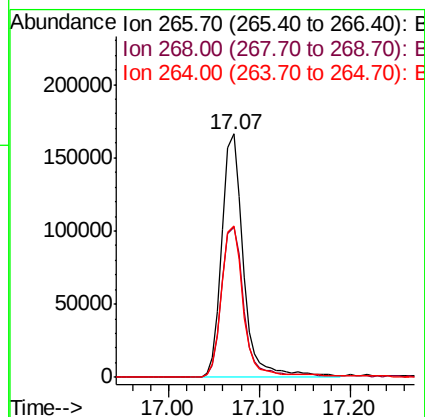
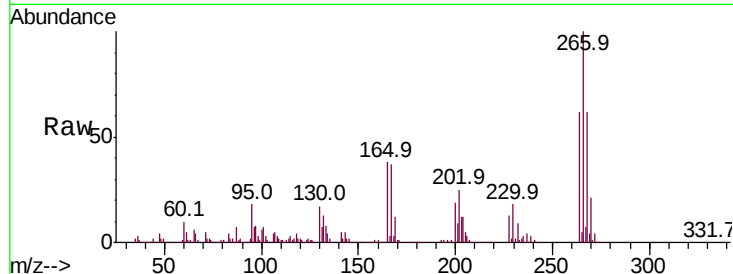
#69
 Pentachlorophenol
 Concen: 80.287 ng
 RT: 17.07 min Scan# 2346
 Delta R.T. 0.00 min
 Lab File: BG036677.D
 Acq: 12 Sep 2018 17:46

Instrument :
 BNA_G
 ClientSampleId :
 SG-SOILMSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	276422		
268	61.9		51.4	77.2
264	62.2		48.9	73.3

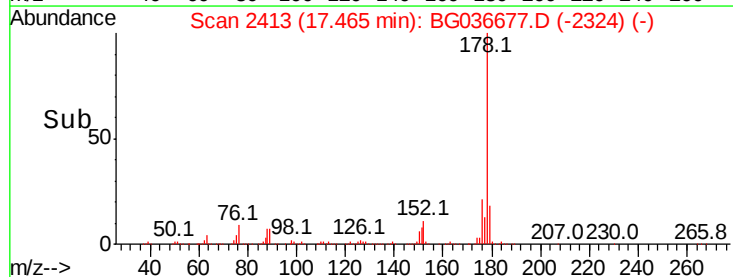
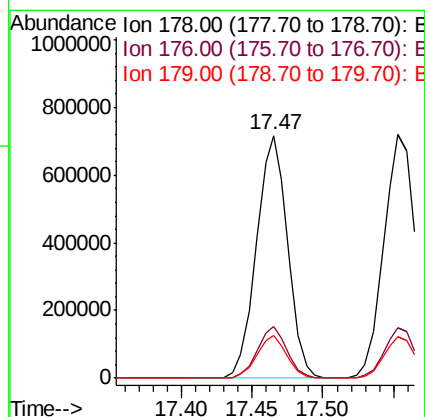
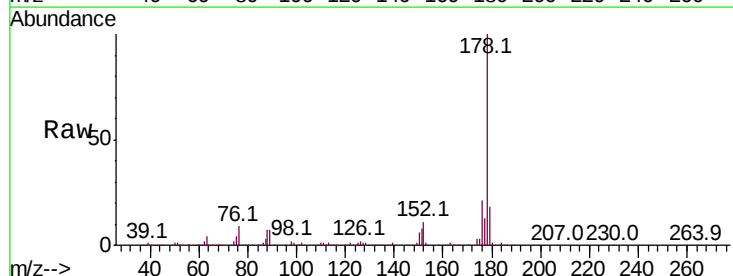
Manual Integrations
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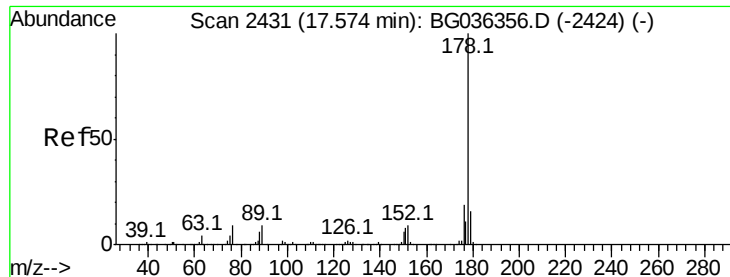
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#70
 Phenanthrene
 Concen: 51.591 ng
 RT: 17.47 min Scan# 2413
 Delta R.T. -0.01 min
 Lab File: BG036677.D
 Acq: 12 Sep 2018 17:46

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1109272		
176	21.4		15.4	23.2
179	17.7		13.4	20.2





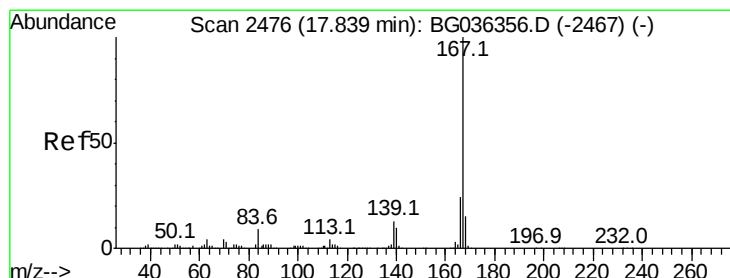
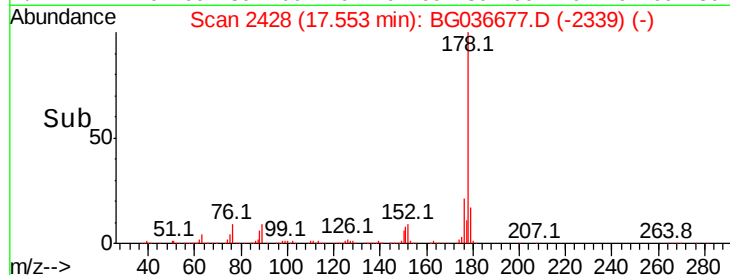
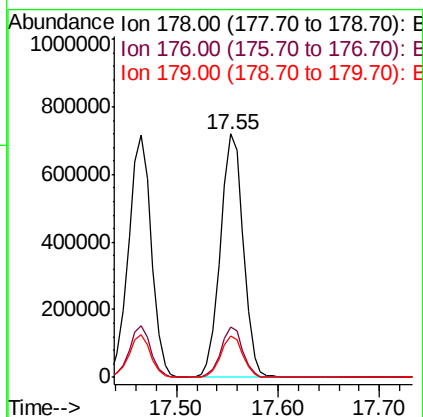
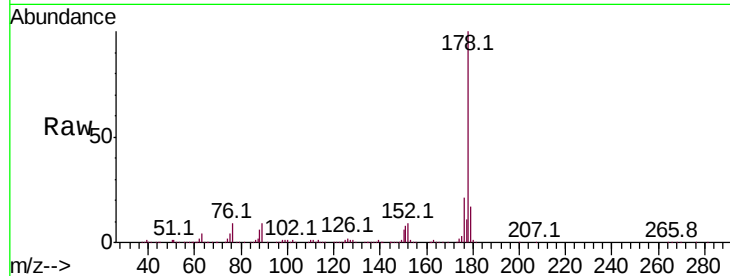
#71
 Anthracene
 Concen: 52.632 ng
 RT: 17.55 min Scan# 2428
 Delta R.T. -0.01 min
 Lab File: BG036677.D
 Acq: 12 Sep 2018 17:46

Instrument :
 BNA_G
 ClientSampleId :
 SG-SOILMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.8	15.4	23.2
179	17.1	13.0	19.4

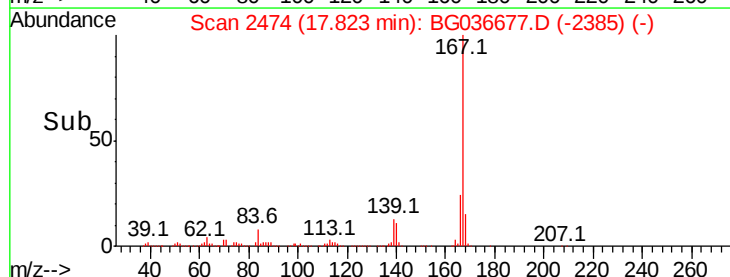
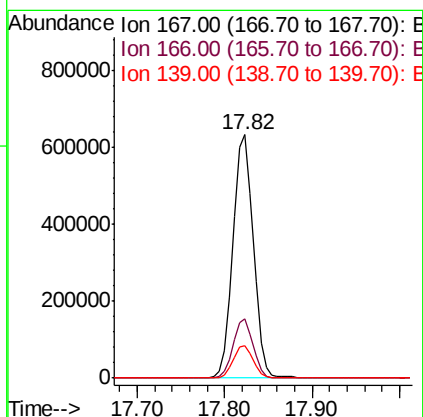
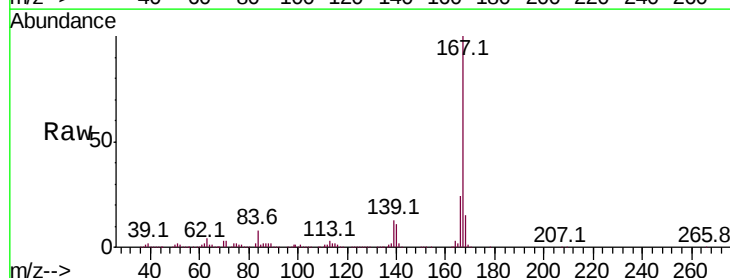
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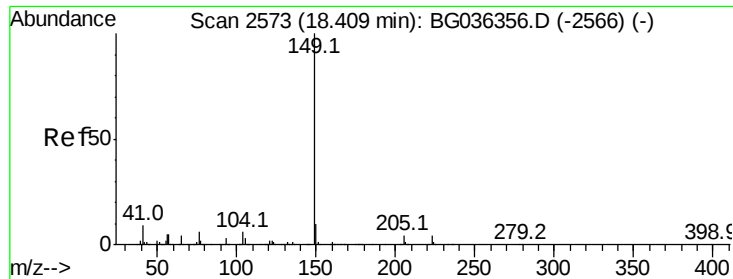
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#72
 Carbazole
 Concen: 46.804 ng
 RT: 17.82 min Scan# 2474
 Delta R.T. -0.01 min
 Lab File: BG036677.D
 Acq: 12 Sep 2018 17:46

Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.3	19.5	29.3
139	13.2	10.7	16.1





#73

Di-n-butylphthalate

Concen: 47.630 ng

RT: 18.38 min Scan# 2568

Delta R.T. -0.01 min

Lab File: BG036677.D

Acq: 12 Sep 2018 17:46

Instrument :

BNA_G

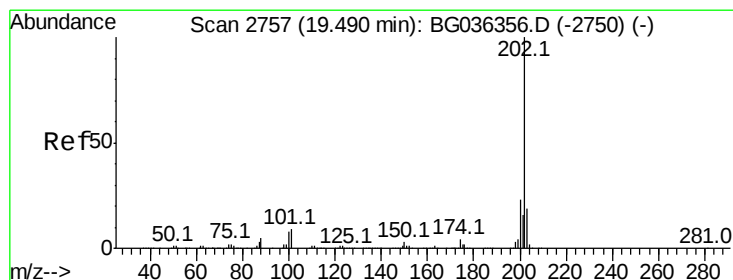
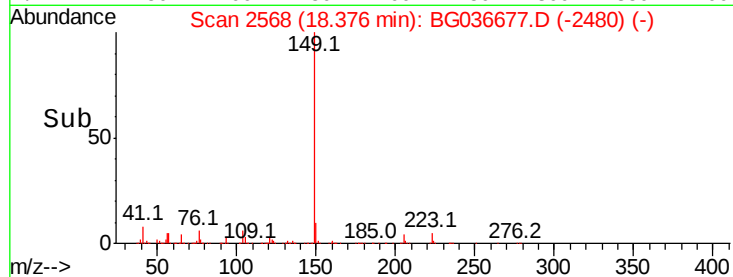
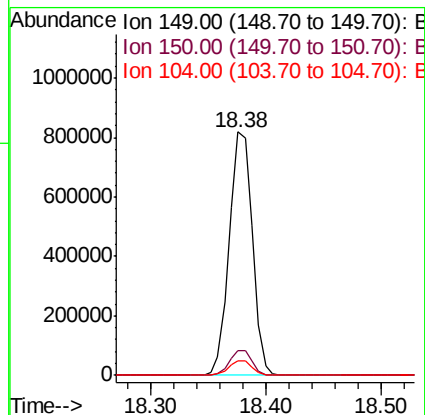
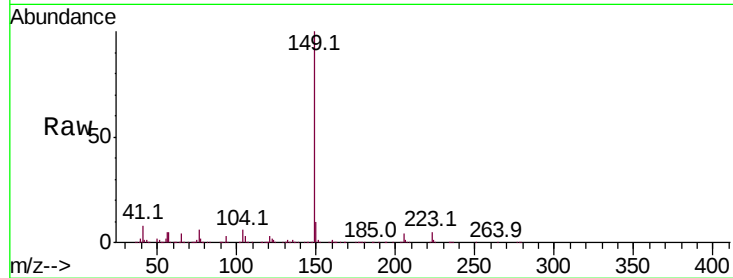
ClientSampleId :

SG-SOILMSD

Tot Ion:	149	Resp:	1135298
Ion Ratio	Lower	Upper	
149	100		
150	10.3	8.1	12.1
104	6.1	4.6	6.8

Manual Integrations
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#74

Fluoranthene

Concen: 51.379 ng

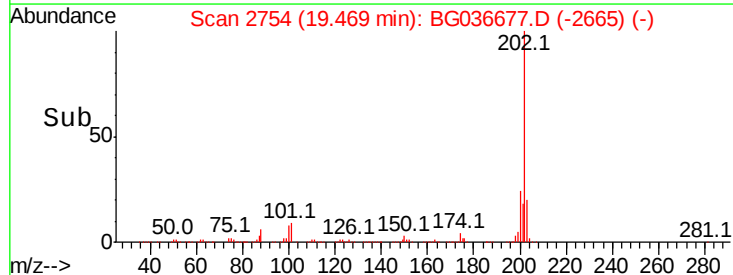
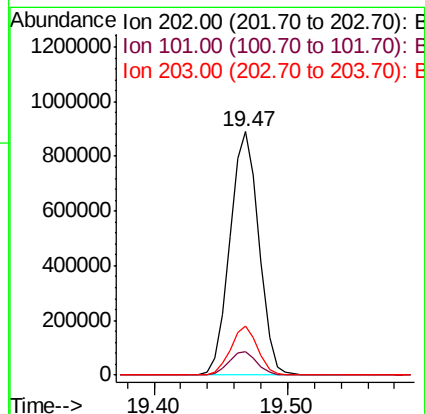
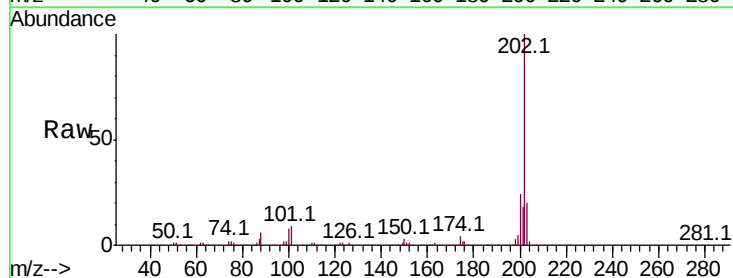
RT: 19.47 min Scan# 2754

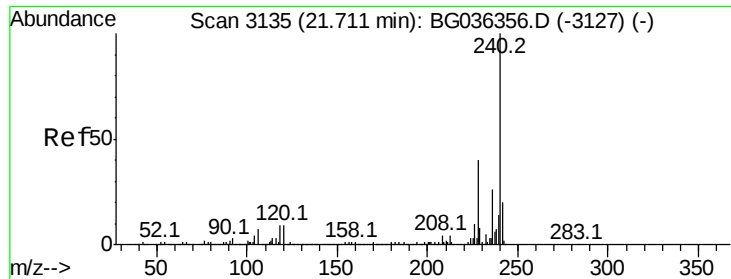
Delta R.T. -0.01 min

Lab File: BG036677.D

Acq: 12 Sep 2018 17:46

Tgt Ion:	202	Resp:	1346891
Ion Ratio	Lower	Upper	
202	100		
101	9.4	0.0	29.4
203	20.0	0.0	38.9





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3132

Delta R.T. -0.01 min

Lab File: BG036677.D

Acq: 12 Sep 2018 17:46

Instrument :

BNA_G

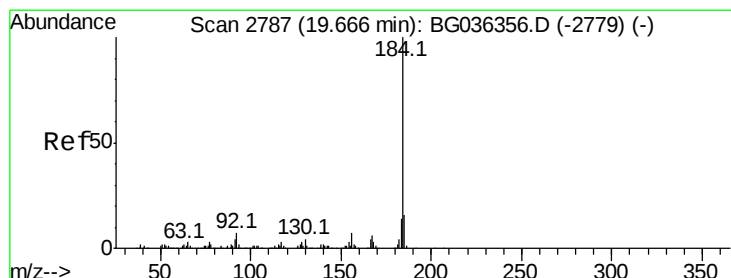
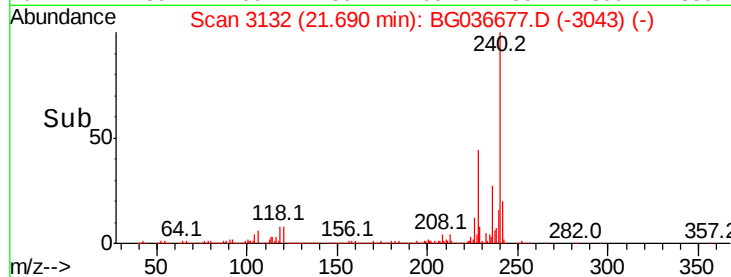
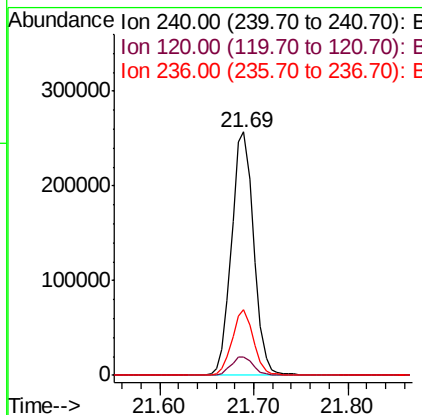
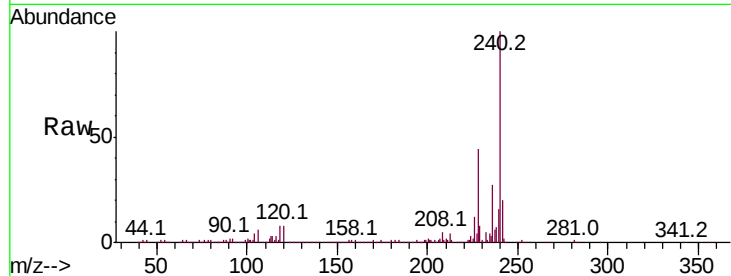
ClientSampleId :

SG-SOILMSD

Tot Ion:	240	Resp:	422613
Ion Ratio	Lower	Upper	
240	100		
120	7.6	6.9	10.3
236	27.2	21.2	31.8

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#76

Benzidine

Concen: 7.250 ng

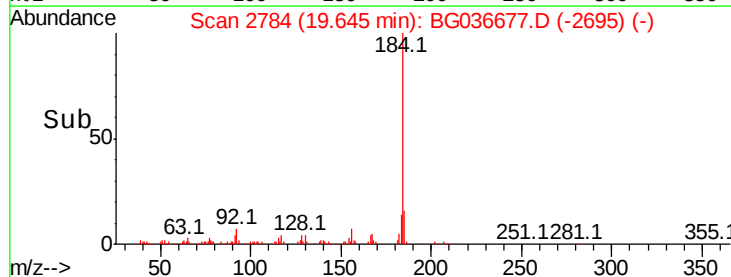
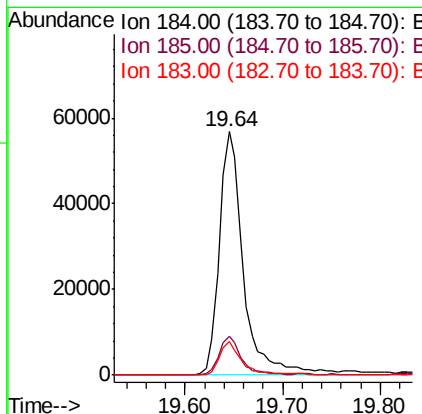
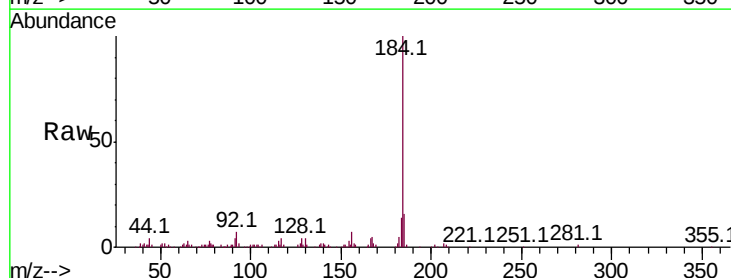
RT: 19.64 min Scan# 2784

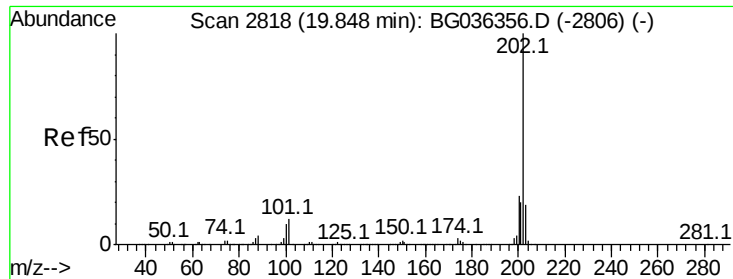
Delta R.T. -0.01 min

Lab File: BG036677.D

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Tgt Ion:	184	Resp:	97756
Ion Ratio	Lower	Upper	
184	100		
185	16.0	12.6	18.8
183	14.0	10.9	16.3





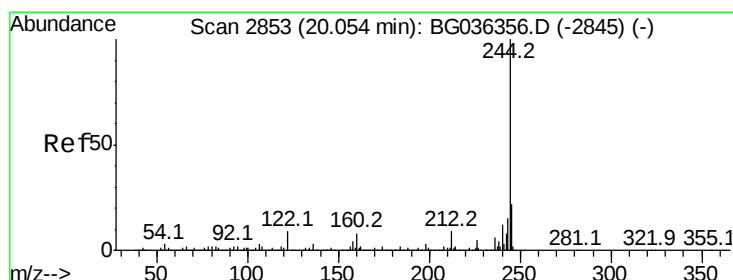
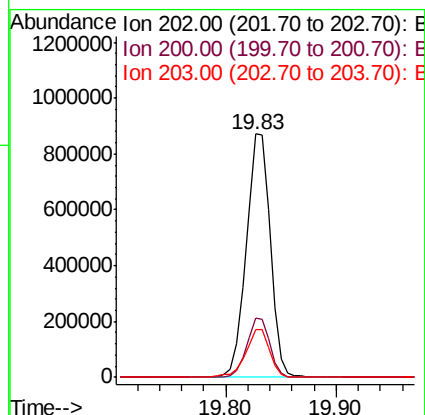
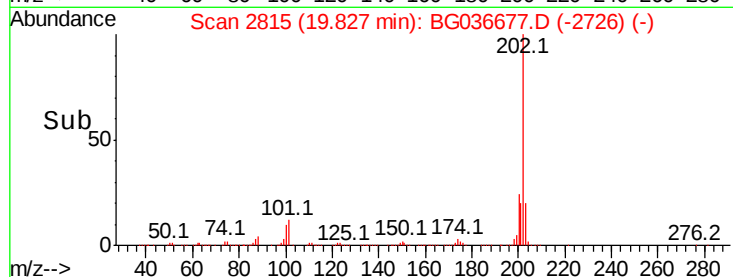
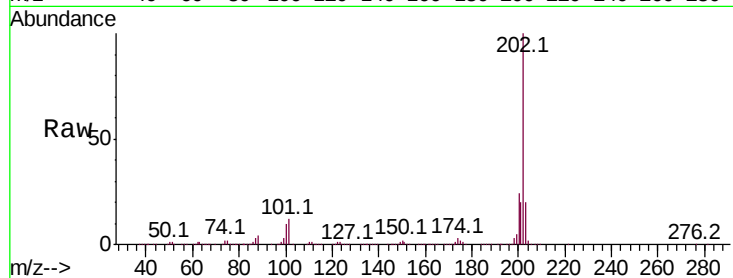
#77
Pvrene
Concen: 51.398 ng
RT: 19.83 min Scan# 2815
Delta R.T. -0.01 min
Lab File: BG036677.D
Acq: 12 Sep 2018 17:46

Instrument :
BNA_G
ClientSampleId :
SG-SOILMSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	24.2	18.3	27.5
203	19.7	15.1	22.7

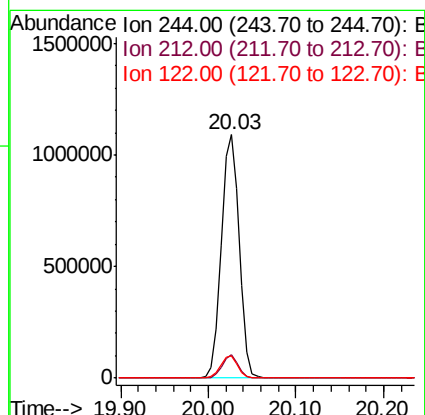
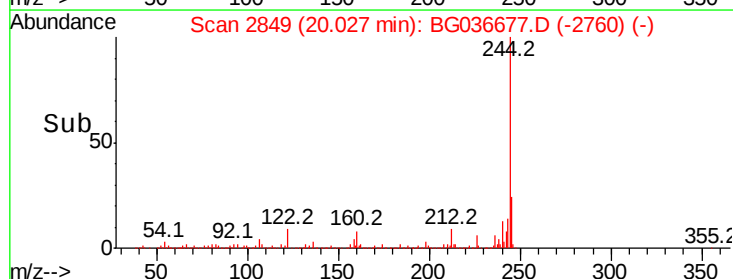
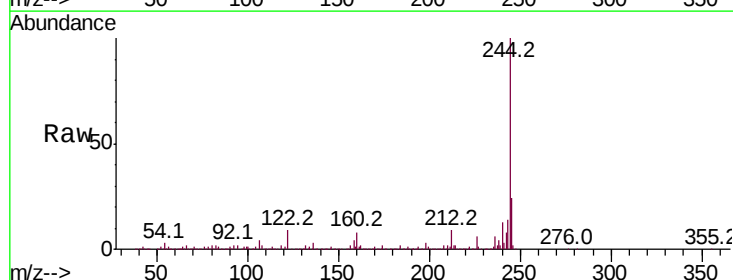
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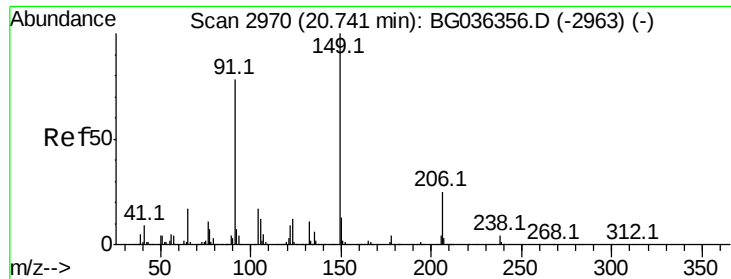
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#78
Terphenyl-d14
Concen: 85.755 ng
RT: 20.03 min Scan# 2849
Delta R.T. -0.01 min
Lab File: BG036677.D
Acq: 12 Sep 2018 17:46

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.0	10.6
122	9.1	7.1	10.7





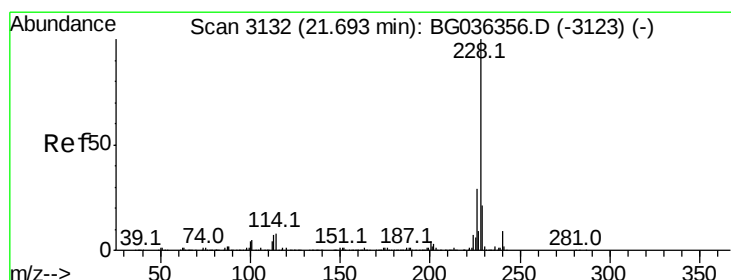
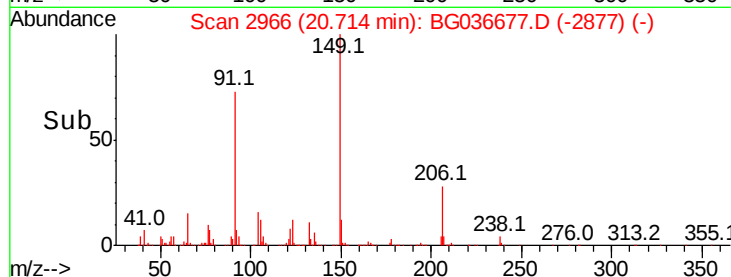
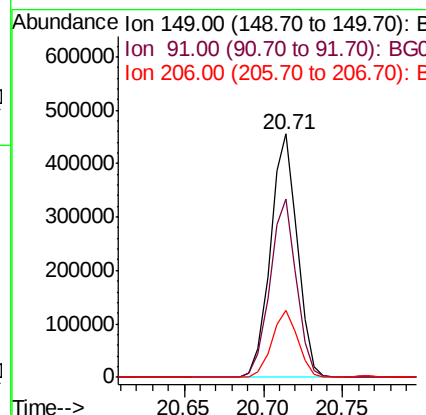
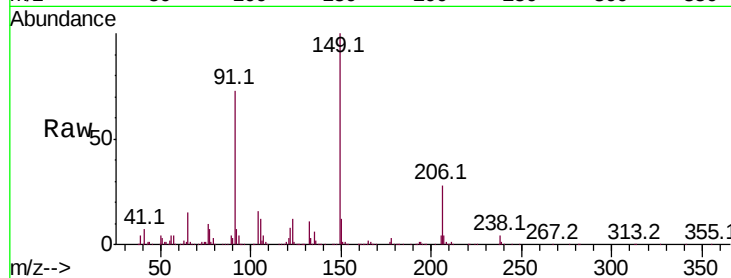
#79
Butylbenzylphthalate
Concen: 52.128 ng
RT: 20.71 min Scan# 2966
Delta R.T. -0.01 min
Lab File: BG036677.D
Acq: 12 Sep 2018 17:46

Instrument :
BNA_G
ClientSampleId :
SG-SOILMSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	73.1	62.0	93.0
206	27.6	19.6	29.4

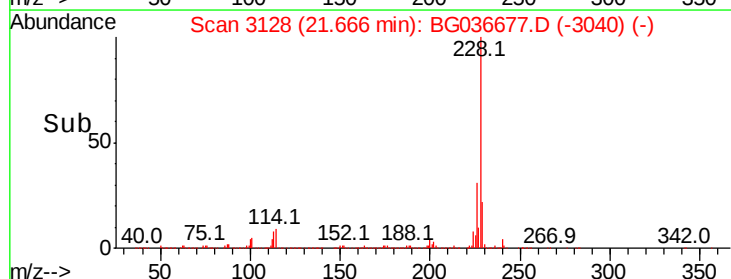
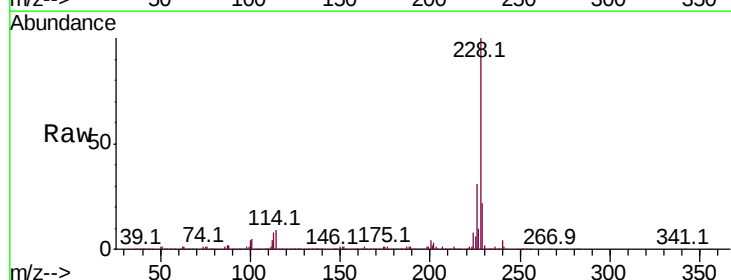
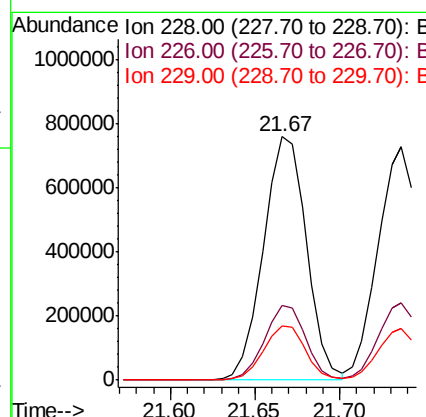
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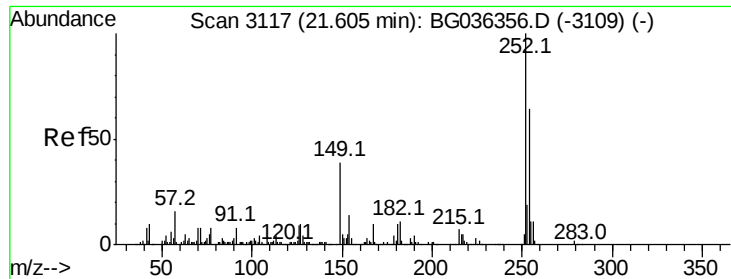
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#80
Benzo(a)anthracene
Concen: 52.488 ng
RT: 21.67 min Scan# 3128
Delta R.T. -0.01 min
Lab File: BG036677.D
Acq: 12 Sep 2018 17:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.4	35.2
229	22.4	17.1	25.7





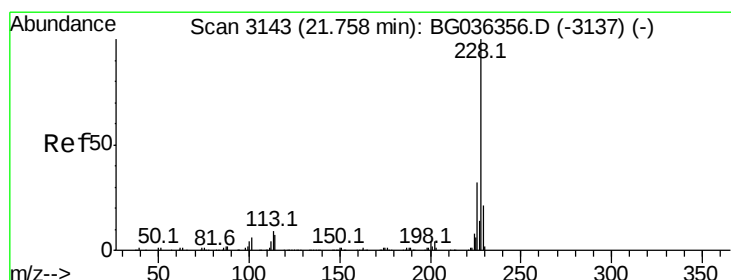
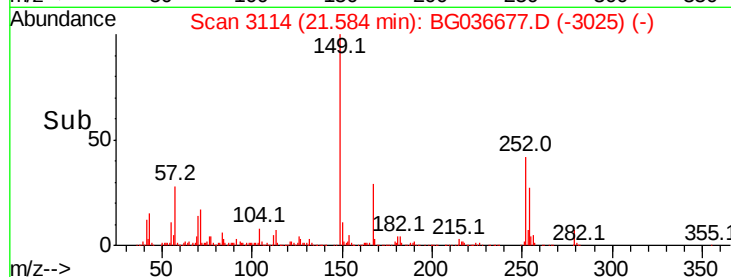
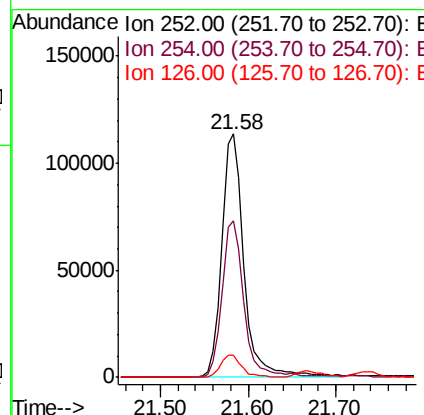
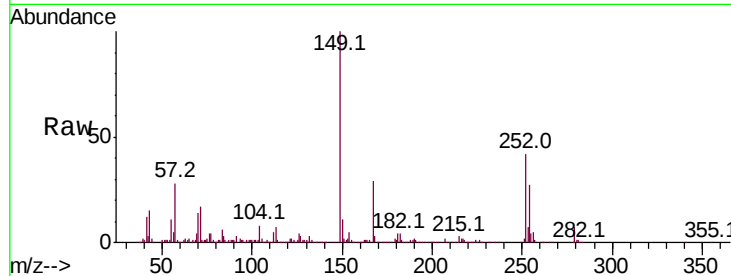
#81
 3,3'-Dichlorobenzidine
 Concen: 19.681 ng
 RT: 21.58 min Scan# 3114
 Delta R.T. -0.01 min
 Lab File: BG036677.D
 Acq: 12 Sep 2018 17:46

Instrument :
 BNA_G
 ClientSampleId :
 SG-SOILMSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	200821		
254	64.3	51.0	76.4	
126	9.3	7.4	11.0	

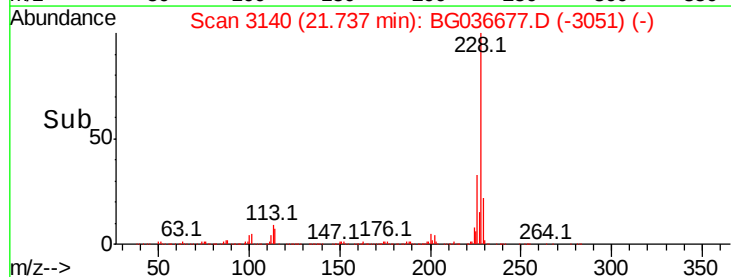
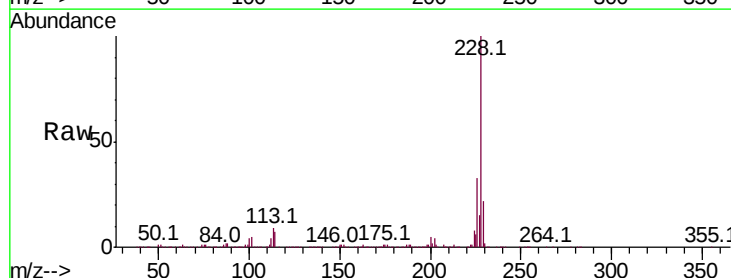
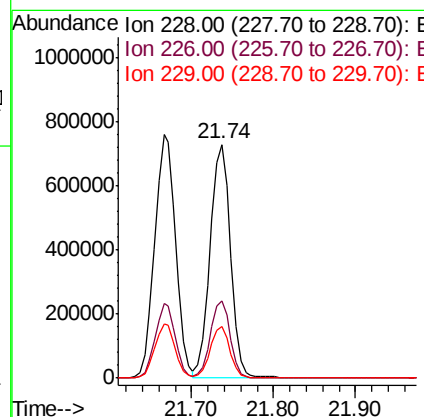
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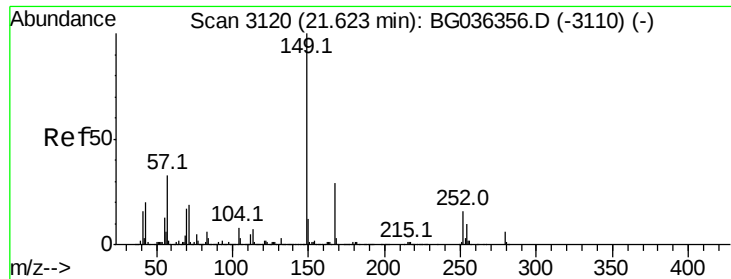
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#82
 Chrysene
 Concen: 52.093 ng
 RT: 21.74 min Scan# 3140
 Delta R.T. -0.01 min
 Lab File: BG036677.D
 Acq: 12 Sep 2018 17:46

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1264191		
226	33.0	25.5	38.3	
229	22.3	16.9	25.3	





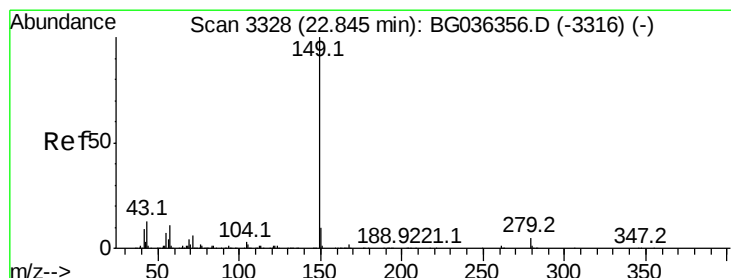
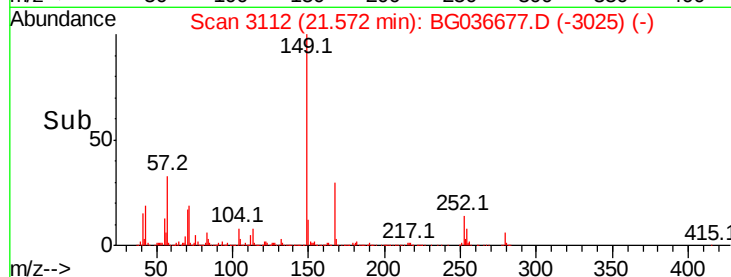
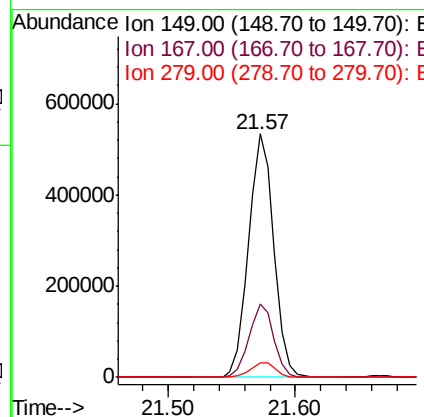
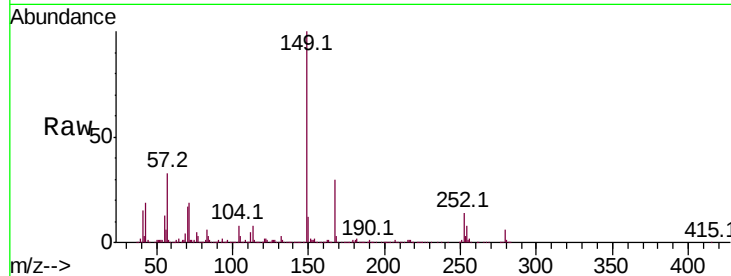
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 50.812 ng
 RT: 21.57 min Scan# 3112
 Delta R.T. -0.02 min
 Lab File: BG036677.D
 Acq: 12 Sep 2018 17:46

Instrument :
 BNA_G
 ClientSampleId :
 SG-SOILMSD

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	30.0	23.4	35.0
279	5.9	4.6	7.0

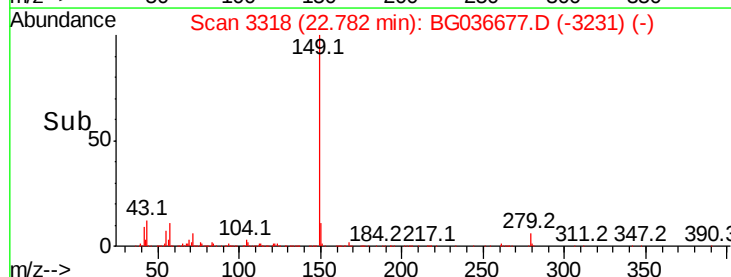
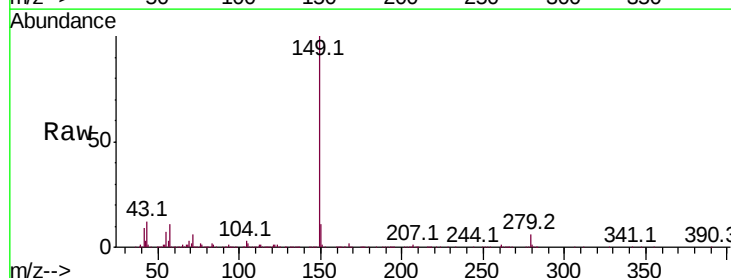
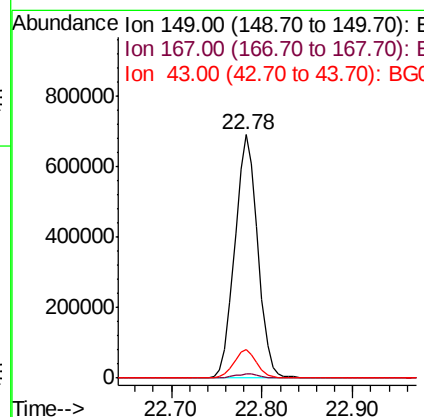
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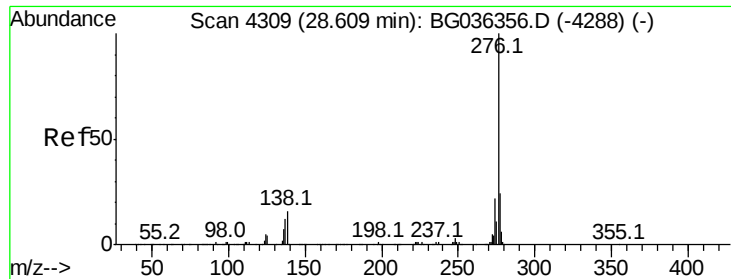
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#84
 Di-n-octyl phthalate
 Concen: 50.344 ng
 RT: 22.78 min Scan# 3318
 Delta R.T. -0.02 min
 Lab File: BG036677.D
 Acq: 12 Sep 2018 17:46

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
167	1.8	1.3	1.9
43	11.3	10.0	15.0





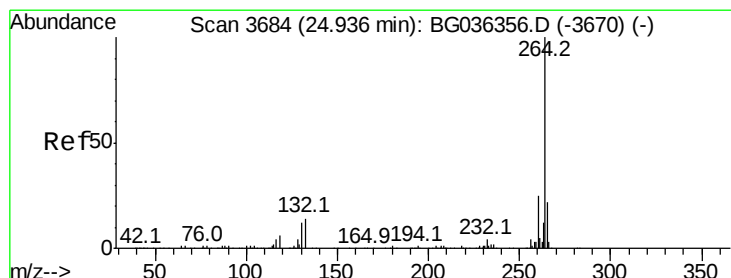
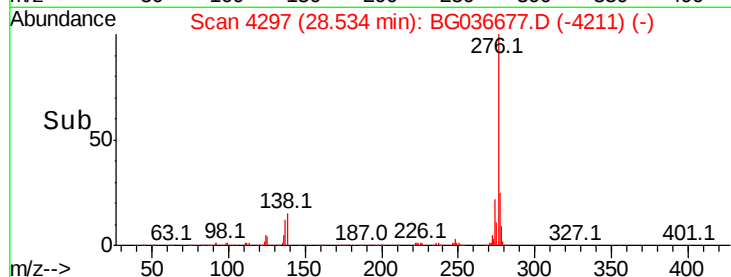
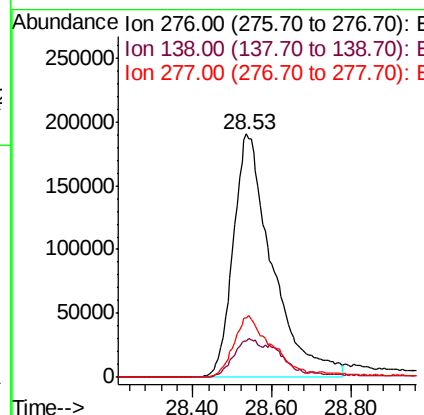
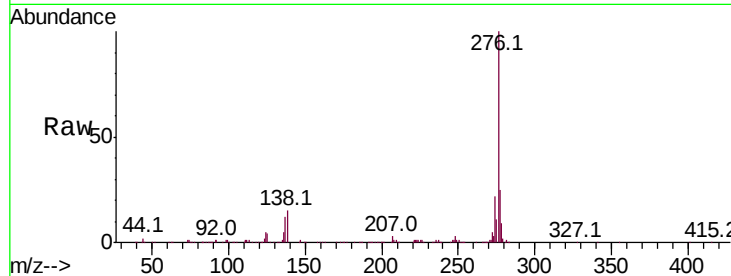
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.117 ng
 RT: 28.53 min Scan# 4297
 Delta R.T. -0.02 min
 Lab File: BG036677.D
 Acq: 12 Sep 2018 17:46

Instrument :
 BNA_G
 ClientSampleId :
 SG-SOILMSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	10.9	10.6	15.8
277	24.3	20.6	30.8

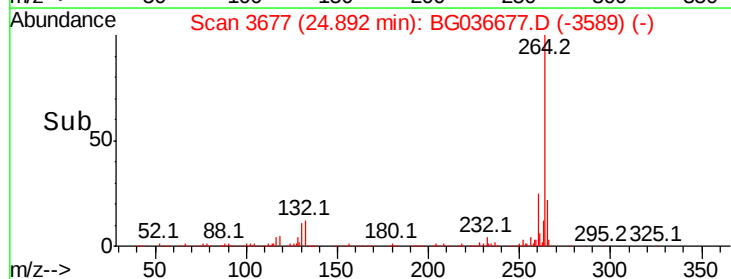
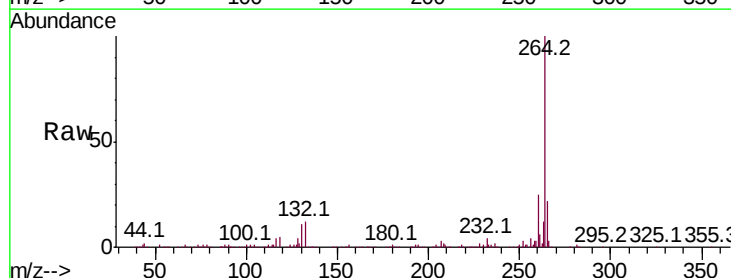
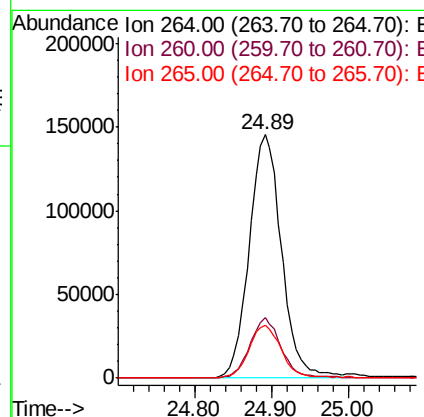
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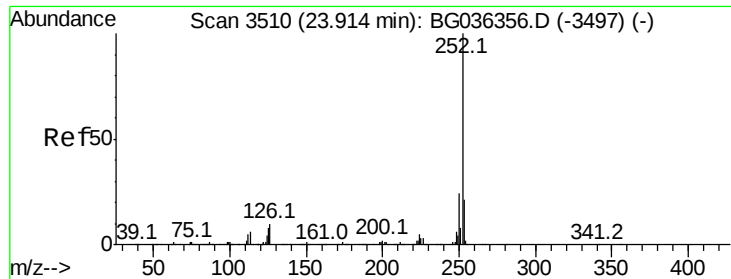
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.89 min Scan# 3677
 Delta R.T. -0.01 min
 Lab File: BG036677.D
 Acq: 12 Sep 2018 17:46

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.6	29.4
265	21.9	17.4	26.0





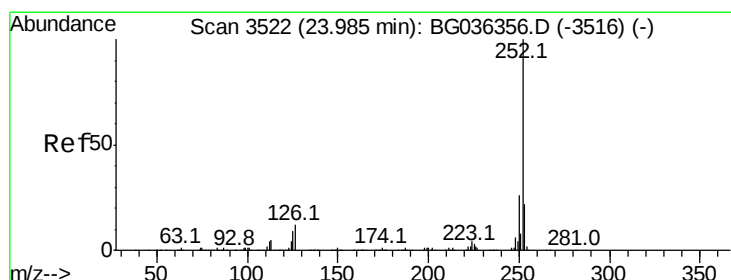
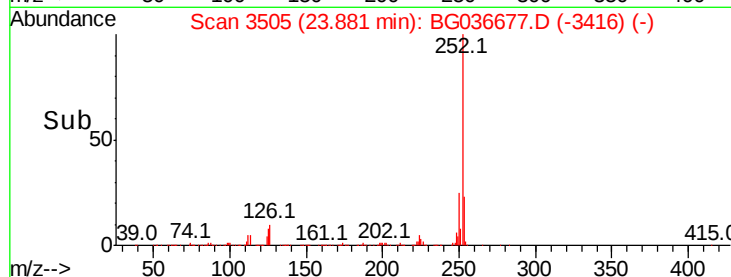
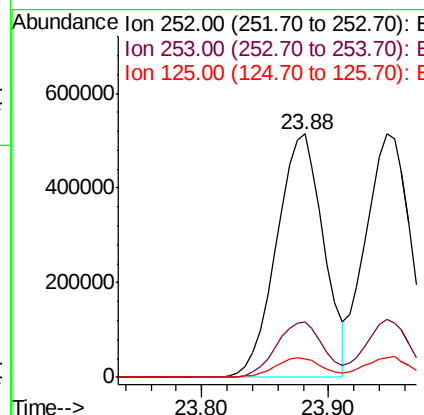
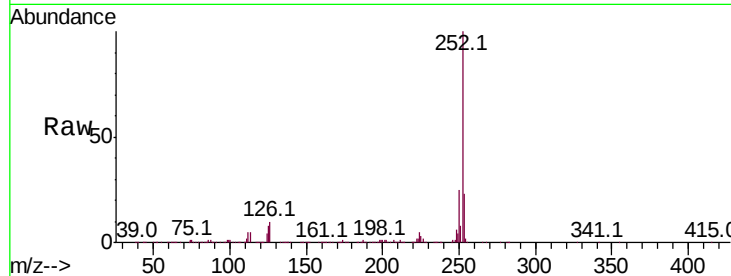
#87
Benzo(b)fluoranthene
Concen: 55.831 ng
RT: 23.88 min Scan# 3505
Delta R.T. -0.01 min
Lab File: BG036677.D
Acq: 12 Sep 2018 17:46

Instrument :
BNA_G
ClientSampleId :
SG-SOILMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.1	25.7
125	7.7	6.6	10.0

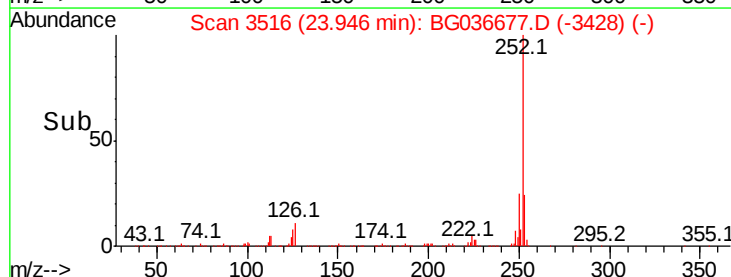
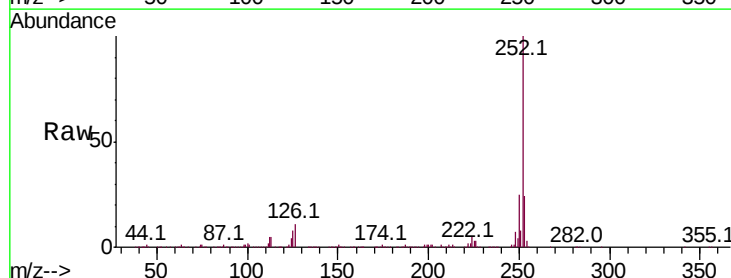
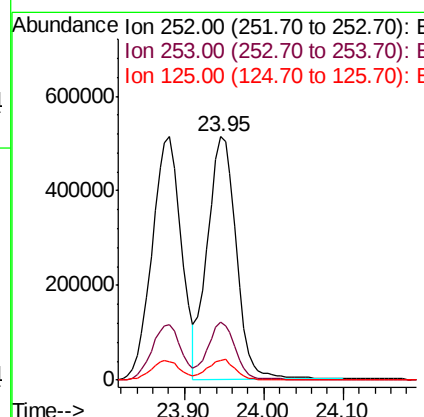
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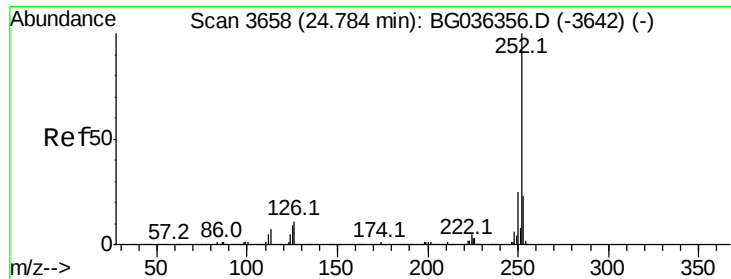
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#88
Benzo(k)fluoranthene
Concen: 56.016 ng
RT: 23.95 min Scan# 3516
Delta R.T. -0.01 min
Lab File: BG036677.D
Acq: 12 Sep 2018 17:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.0	27.0
125	8.2	7.0	10.6





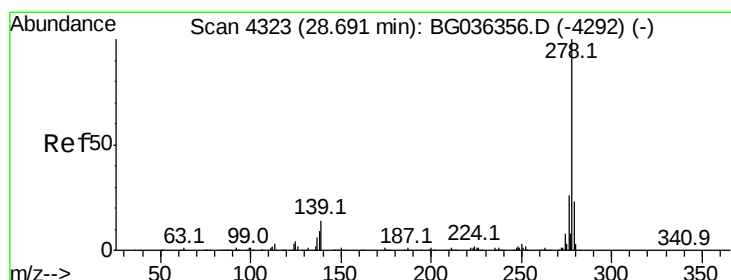
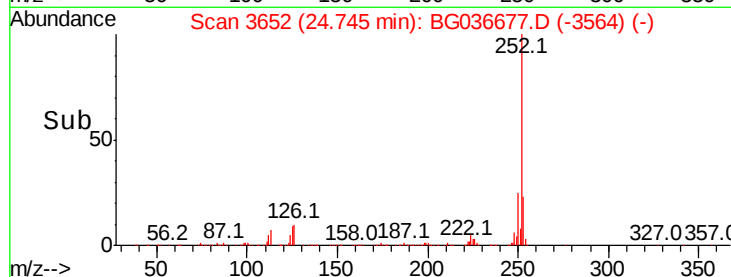
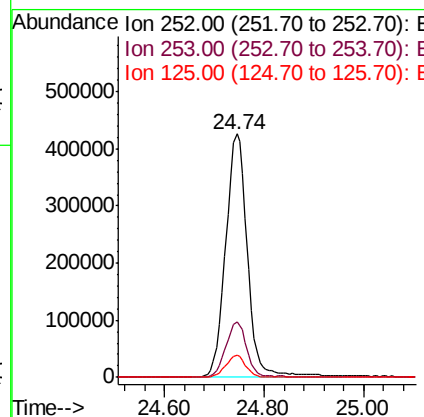
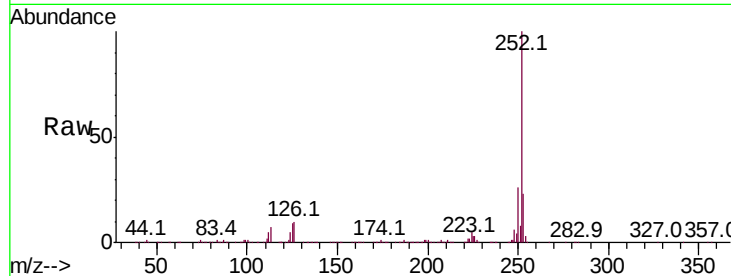
#89
Benzo(a)pyrene
Concen: 56.802 ng
RT: 24.74 min Scan# 3652
Delta R.T. -0.01 min
Lab File: BG036677.D
Acq: 12 Sep 2018 17:46

Instrument :
BNA_G
ClientSampleId :
SG-SOILMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.2
125	9.2	7.3	10.9

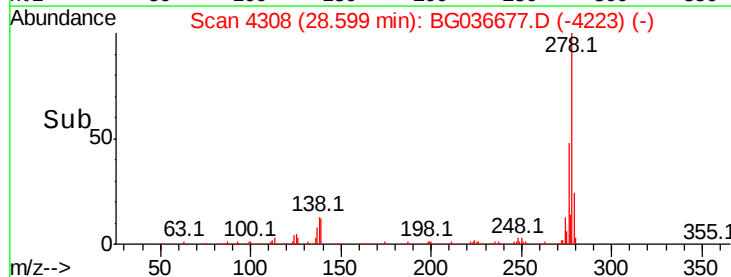
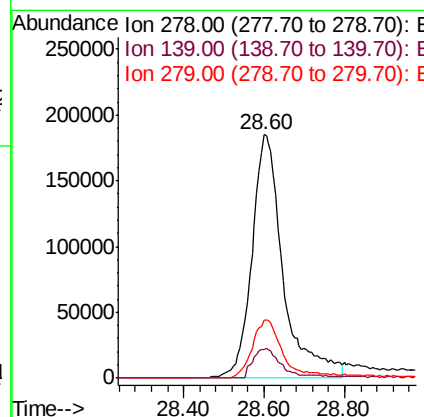
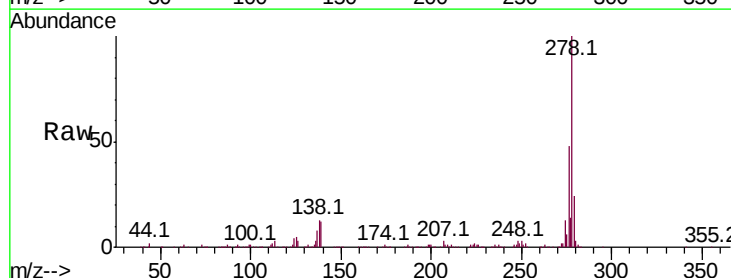
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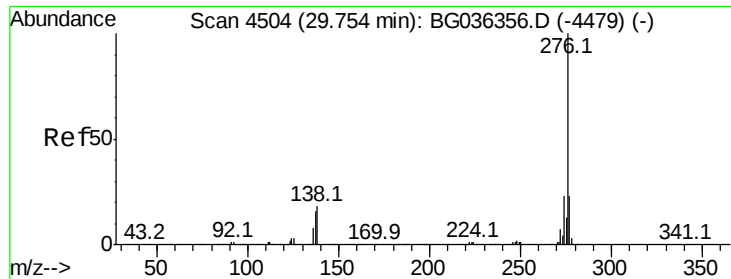
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 45.375 ng
RT: 28.60 min Scan# 4308
Delta R.T. -0.03 min
Lab File: BG036677.D
Acq: 12 Sep 2018 17:46

Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.7	11.0	16.4
279	23.8	18.7	28.1





#91
 Benzo(a,h,i)perylene
 Concen: 46.380 ng
 RT: 29.68 min Scan# 4492
 Delta R.T. -0.02 min
 Lab File: BG036677.D
 Acq: 12 Sep 2018 17:46

Instrument :
 BNA_G
 ClientSampleId :
 SG-SOILMSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.4	27.6
138	16.2	14.6	22.0

Manual Integrations
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