

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080818\
 Data File : BG036208.D
 Acq On : 8 Aug 2018 21:51
 Operator : JU/SJ
 Sample : J4360-03MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 155-SOILMS

Manual Integrations
 APPROVED

Sohil
 8/9/2018 3:17:01 PM

Quant Time: Aug 09 02:21:19 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 12:30:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	29112	20.00	ng	-0.01
21) Naphthalene-d8	10.81	136	101027	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	73490	20.00	ng	-0.02
63) Phenanthrene-d10	17.38	188	215034	20.00	ng	-0.01
75) Chrysene-d12	21.64	240	254374	20.00	ng	-0.01
86) Perylene-d12	24.83	264	245143	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	210546	120.07	ng	0.00
7) Phenol-d6	7.19	99	276916	105.85	ng	0.00
23) Nitrobenzene-d5	9.17	82	229715	94.99	ng	-0.01
41) 2,4,6-Tribromophenol	16.13	330	174690	180.34	ng	-0.01
44) 2-Fluorobiphenyl	13.26	172	516553	94.17	ng	-0.02
78) Terphenyl-d14	19.99	244	1112829	96.43	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	26698	29.915	ng	# 79
3) Pyridine	3.92	79	30358	13.030	ng	# 68
4) n-Nitrosodimethylamine	3.83	42	34382	34.368	ng	# 87
6) Aniline	7.35	93	21242	6.264	ng	94
8) 2-Chlorophenol	7.58	128	74583	41.821	ng	96
9) Benzaldehyde	7.15	77	62643	39.024	ng	99
10) Phenol	7.21	94	96235	36.410	ng	91
11) bis(2-Chloroethyl)ether	7.43	93	81431	39.340	ng	94
12) 1,3-Dichlorobenzene	7.90	146	91693m	42.576	ng	
13) 1,4-Dichlorobenzene	8.05	146	92784	42.403	ng	96
14) 1,2-Dichlorobenzene	8.36	146	89626	42.636	ng	95
15) Benzyl Alcohol	8.26	79	80312	33.805	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.53	45	88656	51.087	ng	70
17) 2-Methylphenol	8.46	107	72283	40.223	ng	# 86
18) Hexachloroethane	9.09	117	36284	43.368	ng	94
19) n-Nitroso-di-n-propylamine	8.81	70	76520	34.734	ng	# 83
20) 3+4-Methylphenols	8.79	107	99326	39.842	ng	92
22) Acetophenone	8.83	105	141870	45.158	ng	# 92
24) Nitrobenzene	9.21	77	121532	49.969	ng	95
25) Isophorone	9.73	82	213603	47.580	ng	98
26) 2-Nitrophenol	9.93	139	46928	54.329	ng	# 88
27) 2,4-Dimethylphenol	9.98	122	79591	54.435	ng	95
28) bis(2-Chloroethoxy)methane	10.21	93	109726	44.356	ng	92
29) 2,4-Dichlorophenol	10.47	162	89836	53.825	ng	87
30) 1,2,4-Trichlorobenzene	10.68	180	103970	50.801	ng	97
31) Naphthalene	10.86	128	250508	47.602	ng	98
32) Benzoic acid	10.16	122	20765m	21.096	ng	
33) 4-Chloroaniline	11.00	127	7073	3.084	ng	95
34) Hexachlorobutadiene	11.14	225	81696	51.190	ng	97
35) Caprolactam	11.76	113	22073m	30.817	ng	
36) 4-Chloro-3-methylphenol	12.10	107	114179	51.036	ng	93
37) 2-Methylnaphthalene	12.46	142	194642	49.645	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	140418	50.624	ng	99
40) Hexachlorocyclopentadiene	12.81	237	165390	113.695	ng	90

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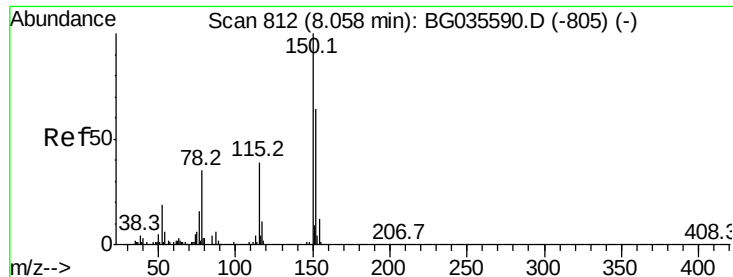
Manual Integrations
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Sohil
 8/9/2018 3:17:01 PM

Quant Time: Aug 09 02:21:19 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
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 QLast Update : Tue Jul 31 12:30:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.07	196	86761	53.487	ng	98
43) 2,4,5-Trichlorophenol	13.16	196	96466	53.160	ng	96
45) 1,1'-Biphenyl	13.47	154	271644	47.677	ng	97
46) 2-Chloronaphthalene	13.51	162	217599	49.099	ng	99
47) 2-Nitroaniline	13.72	65	74203	47.359	ng	97
48) Acenaphthylene	14.36	152	367996	49.569	ng	98
49) Dimethylphthalate	14.09	163	314374	48.825	ng	99
50) 2,6-Dinitrotoluene	14.21	165	71327	54.399	ng	91
51) Acenaphthene	14.70	154	213757	46.222	ng	98
52) 3-Nitroaniline	14.55	138	20810	15.528	ng #	87
53) 2,4-Dinitrophenol	14.76	184	65658	95.948	ng #	65
54) Dibenzofuran	15.04	168	374307	50.892	ng	93
55) 4-Nitrophenol	14.87	139	80979	84.849	ng #	80
56) 2,4-Dinitrotoluene	15.00	165	110407	58.694	ng	90
57) Fluorene	15.68	166	312127	50.634	ng	95
58) 2,3,4,6-Tetrachlorophenol	15.26	232	104405	60.007	ng	92
59) Diethylphthalate	15.45	149	325937	49.230	ng	99
60) 4-Chlorophenyl-phenylether	15.67	204	183203	50.565	ng	96
61) 4-Nitroaniline	15.71	138	60087	42.863	ng #	72
62) Azobenzene	15.96	77	329259	50.418	ng	94
64) 4,6-Dinitro-2-methylphenol	15.77	198	60945	50.914	ng	79
65) n-Nitrosodiphenylamine	15.89	169	289333	47.272	ng	96
66) 4-Bromophenyl-phenylether	16.56	248	128341	51.444	ng	93
67) Hexachlorobenzene	16.69	284	133258	51.869	ng	94
68) Atrazine	16.84	200	138577	54.990	ng	97
69) Pentachlorophenol	17.03	266	120272	76.859	ng	96
70) Phenanthrene	17.42	178	540842	50.406	ng	98
71) Anthracene	17.51	178	545473	51.055	ng	98
72) Carbazole	17.78	167	513731	50.632	ng	98
73) Di-n-butylphthalate	18.33	149	594478	49.580	ng #	98
74) Fluoranthene	19.43	202	762049	52.726	ng	95
76) Benzidine	19.65	184	13681m	2.046	ng	
77) Pyrene	19.79	202	772050	48.000	ng	98
79) Butylbenzylphthalate	20.67	149	287293	49.948	ng #	95
80) Benzo(a)anthracene	21.62	228	776590	48.990	ng	99
81) 3,3'-Dichlorobenzidine	21.54	252	95666	17.308	ng #	95
82) Chrysene	21.69	228	725811	49.410	ng	97
83) Bis(2-ethylhexyl)phthalate	21.52	149	389750	49.842	ng #	98
84) Di-n-octyl phthalate	22.71	149	656694	50.156	ng #	92
85) Indeno(1,2,3-cd)pyrene	28.46	276	805868	49.551	ng #	85
87) Benzo(b)fluoranthene	23.82	252	757665	50.851	ng #	96
88) Benzo(k)fluoranthene	23.88	252	714465	49.048	ng #	96
89) Benzo(a)pyrene	24.68	252	722796	52.144	ng #	97
90) Dibenzo(a,h)anthracene	28.52	278	668048	49.090	ng #	96
91) Benzo(g,h,i)perylene	29.60	276	673180	50.552	ng #	90

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



#1

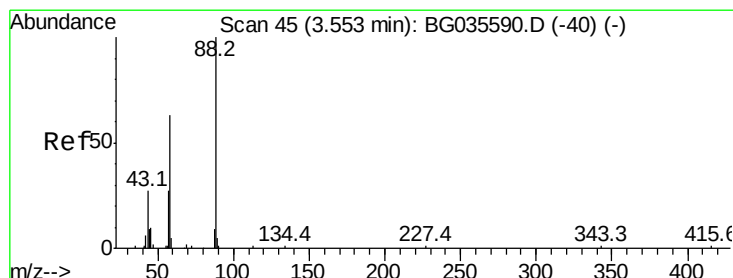
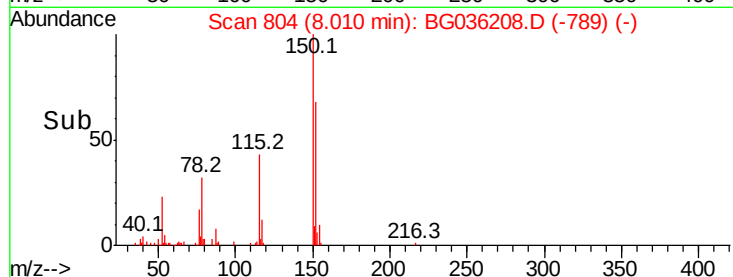
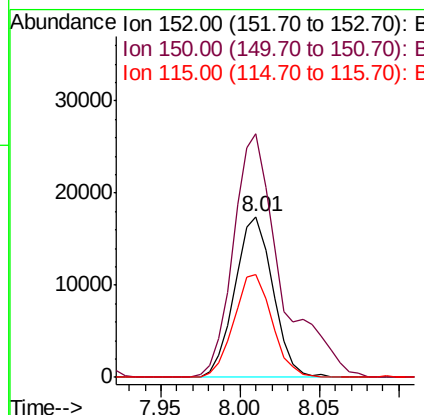
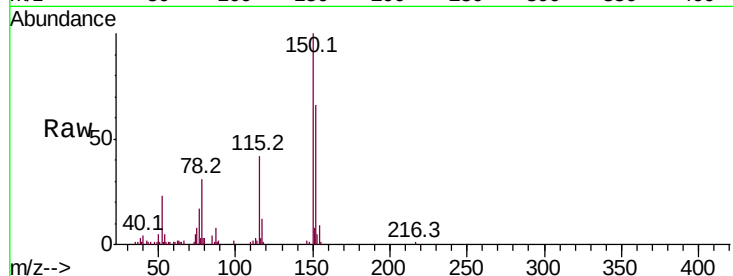
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 804
Delta R.T. -0.01 min
Lab File: BG036208.D
Acq: 8 Aug 2018 21:51

Instrument :
BNA_G
ClientSampleId :
155-SOILMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.5	126.6	189.8
115	63.7	53.0	79.4

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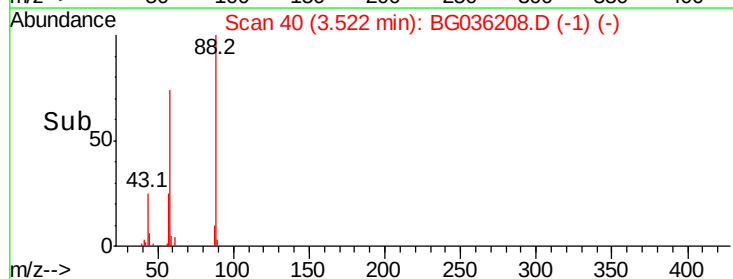
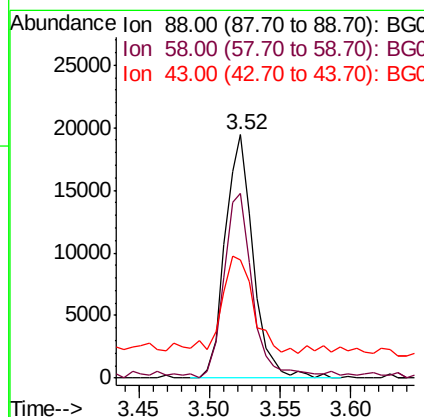
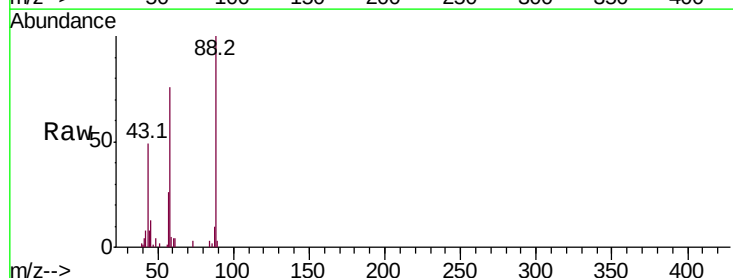
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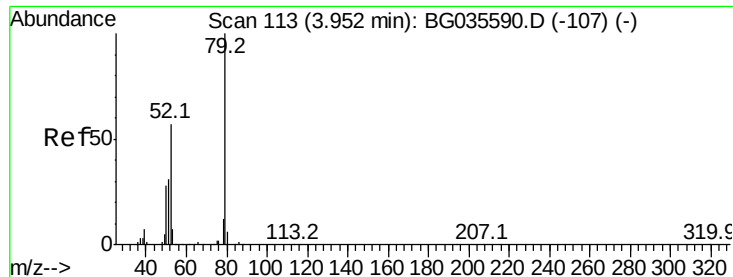


#2

1,4-Dioxane
Concen: 29.915 ng
RT: 3.52 min Scan# 40
Delta R.T. -0.00 min
Lab File: BG036208.D
Acq: 8 Aug 2018 21:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.0	79.6	119.4#
43	45.4	27.4	41.0#





#3

Pvridine

Concen: 13.030 ng

RT: 3.92 min Scan# 108

Delta R.T. 0.00 min

Lab File: BG036208.D

Acq: 8 Aug 2018 21:51

Instrument :

BNA_G

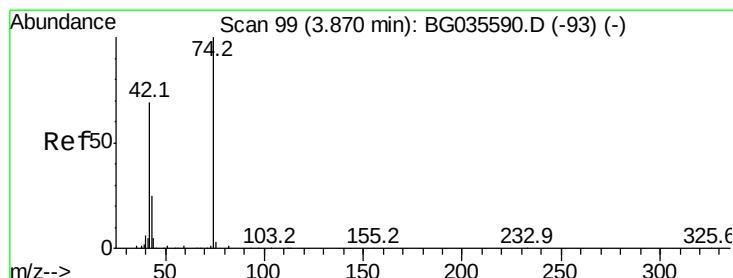
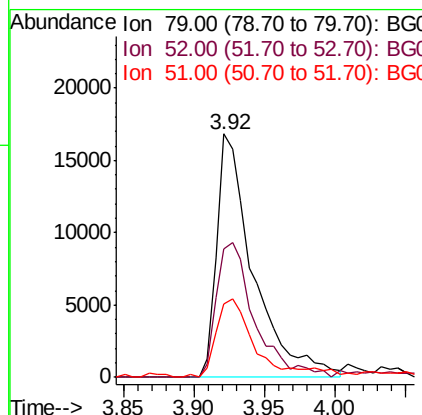
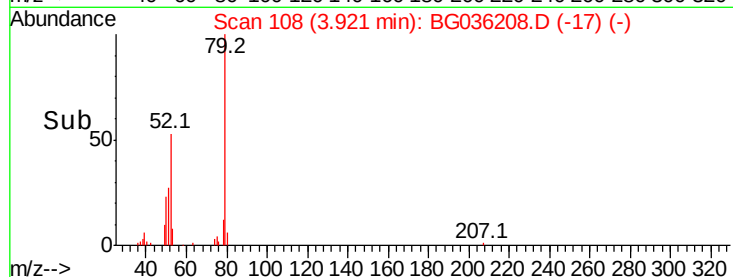
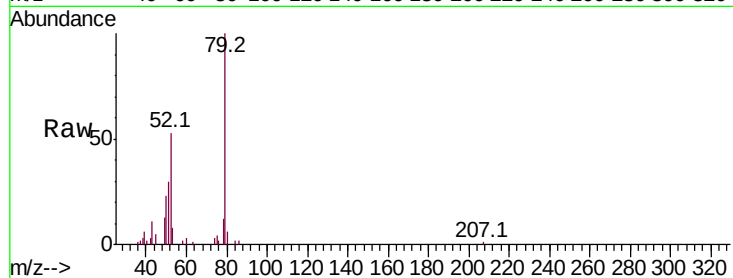
ClientSampleId :

155-SOILMS

Tot Ion:	79	Resp:	30358
Ion Ratio	Lower	Upper	
79	100		
52	52.9	69.9	104.9#
51	29.9	34.0	51.0#

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#4

n-Nitrosodimethylamine

Concen: 34.368 ng

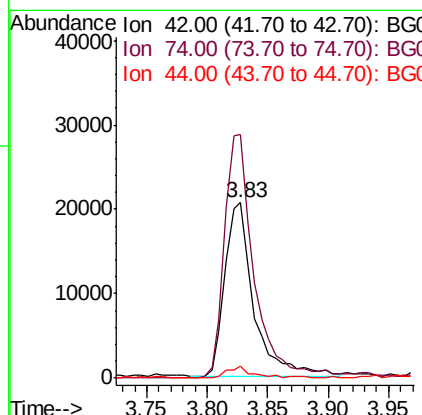
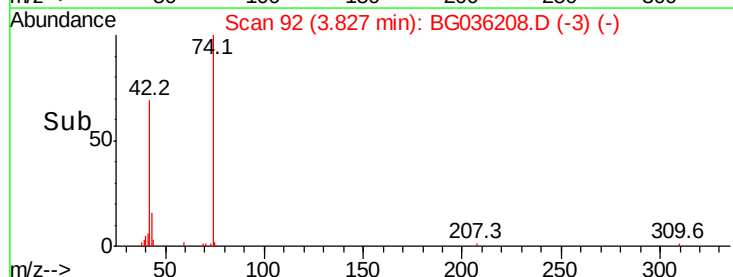
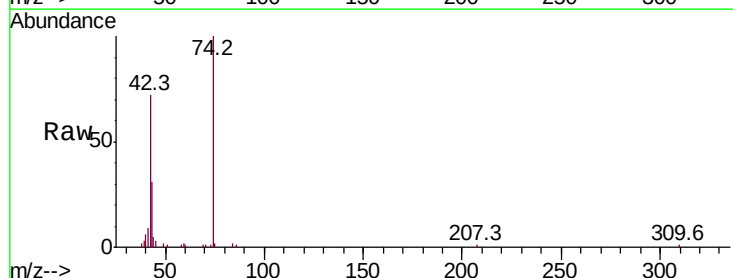
RT: 3.83 min Scan# 92

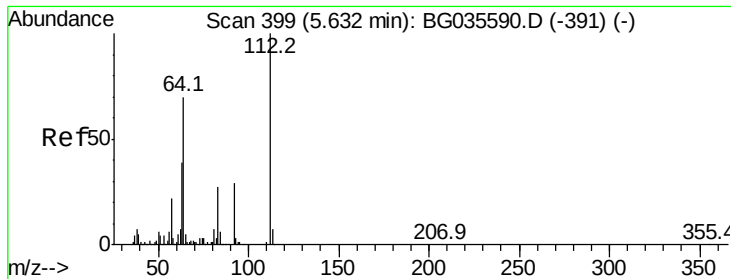
Delta R.T. -0.01 min

Lab File: BG036208.D

Acq: 8 Aug 2018 21:51

Tgt Ion:	42	Resp:	34382
Ion Ratio	Lower	Upper	
42	100		
74	138.7	102.5	153.7
44	6.8	18.9	28.3#





#5

2-Fluorophenol

Concen: 120.073 ng

RT: 5.60 min Scan# 393

Delta R.T. -0.01 min

Lab File: BG036208.D

Acq: 8 Aug 2018 21:51

Instrument :

BNA_G

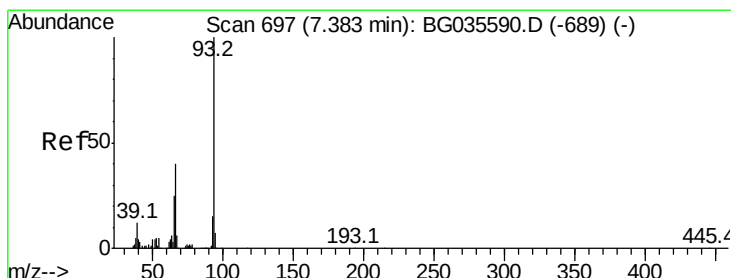
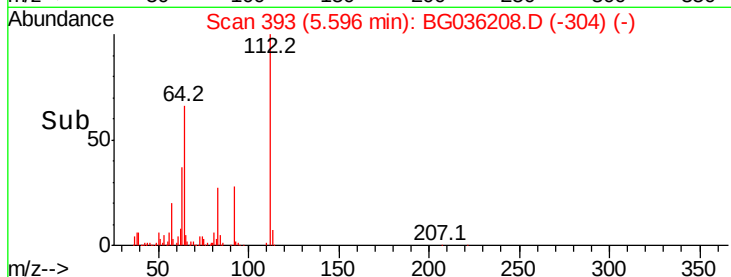
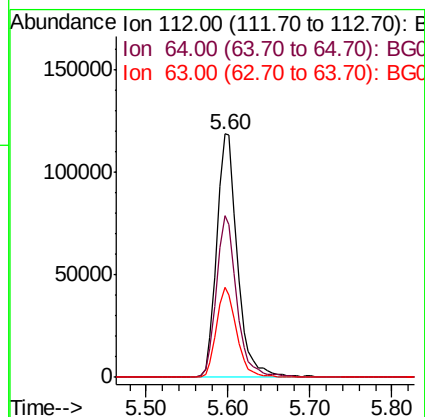
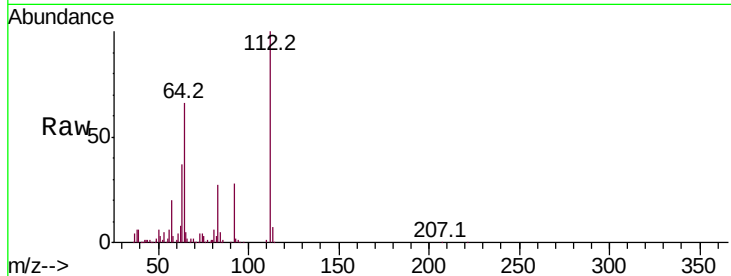
ClientSampleId :

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Tot Ion:	112	Resp:	210546
Ion Ratio	Lower	Upper	
112	100		
64	66.5	56.3	84.5
63	37.0	30.1	45.1

Manual Integrations
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#6

Aniline

Concen: 6.264 ng

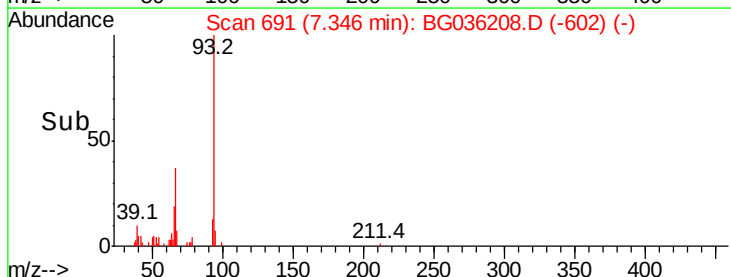
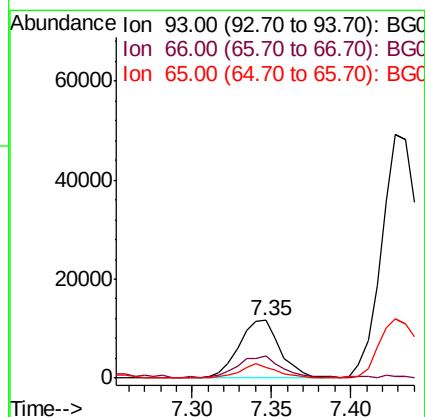
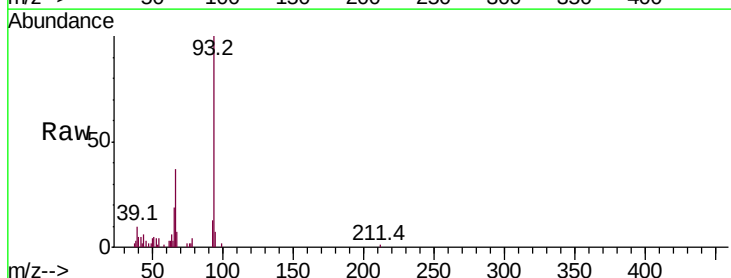
RT: 7.35 min Scan# 691

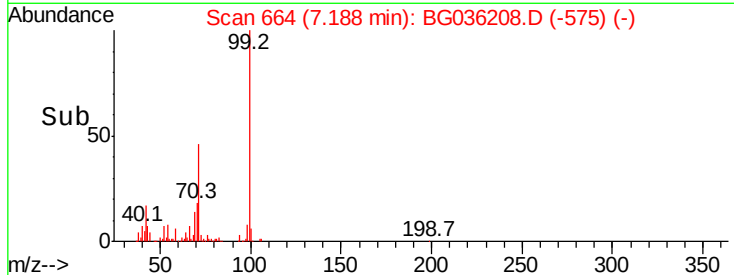
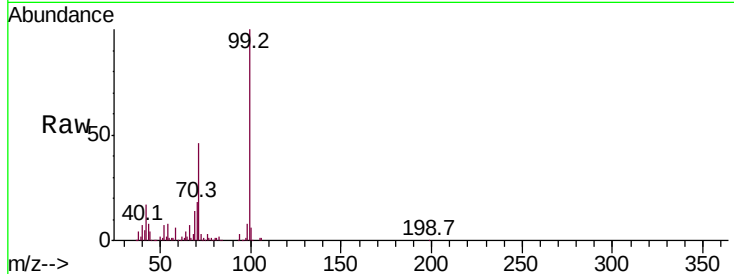
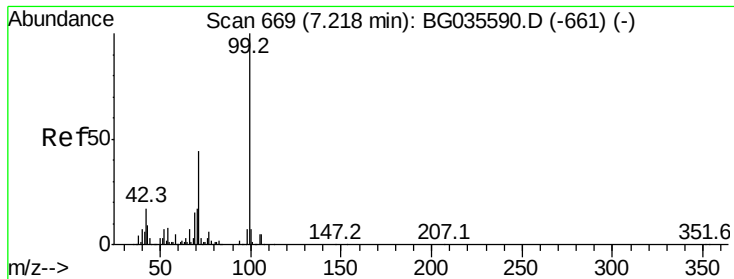
Delta R.T. -0.01 min

Lab File: BG036208.D

Acq: 8 Aug 2018 21:51

Tgt Ion:	93	Resp:	21242
Ion Ratio	Lower	Upper	
93	100		
66	37.2	33.7	50.5
65	18.7	16.1	24.1





#7

Phenol-d6

Concen: 105.847 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG036208.D

Acq: 8 Aug 2018 21:51

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		276916		
42	16.9	14.1	21.1		
71	45.8	26.1	39.1#		

Instrument :

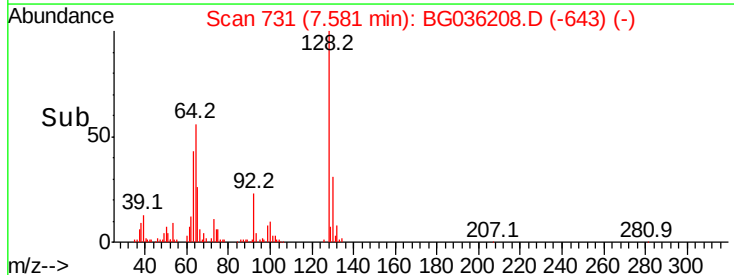
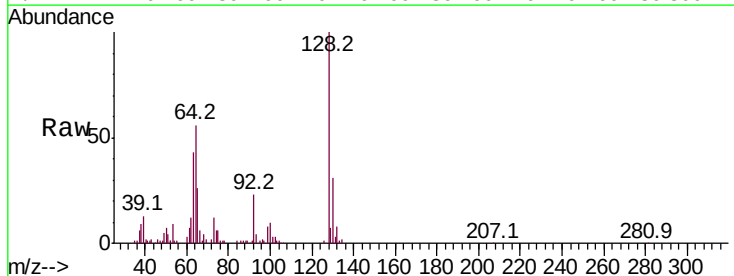
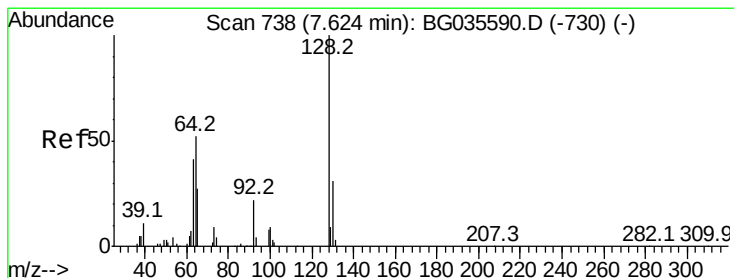
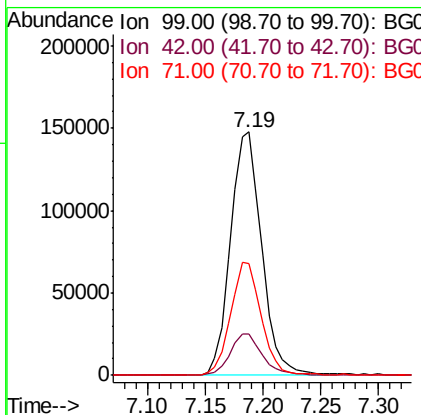
BNA_G

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#8

2-Chlorophenol

Concen: 41.821 ng

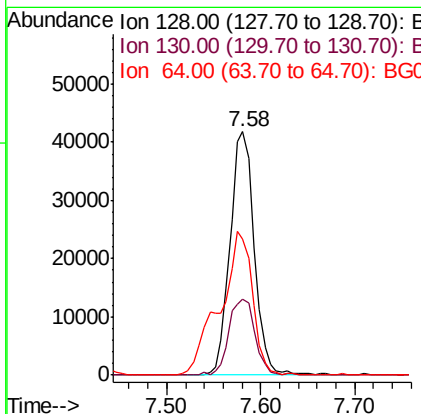
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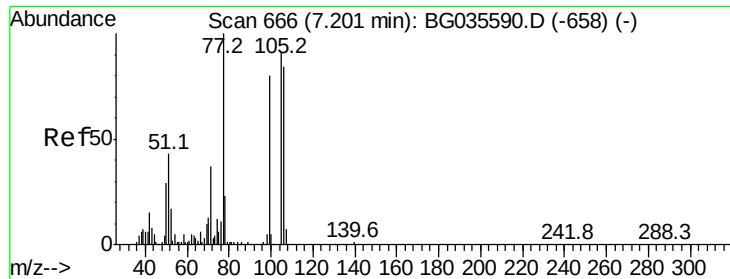
Delta R.T. -0.01 min

Lab File: BG036208.D

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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		74583		
130	31.0	14.0	54.0		
64	55.7	37.7	77.7		





#9

Benzaldehyde

Concen: 39.024 ng

RT: 7.15 min Scan# 658

Delta R.T. -0.01 min

Lab File: BG036208.D

Acq: 8 Aug 2018 21:51

Instrument :

BNA_G

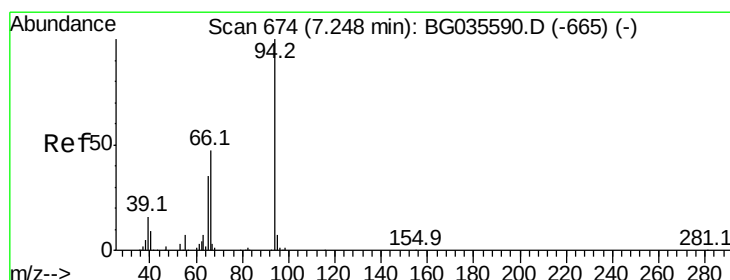
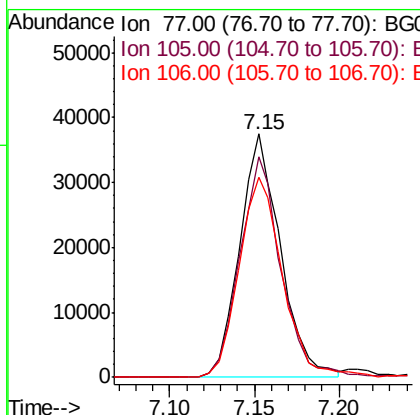
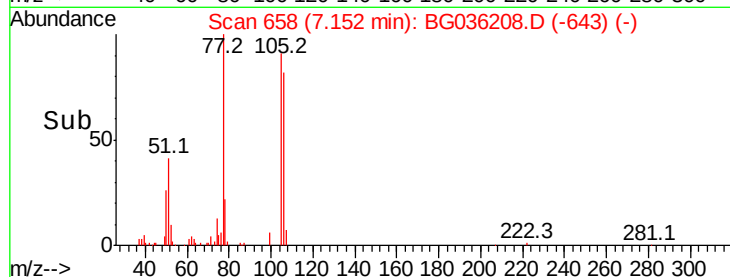
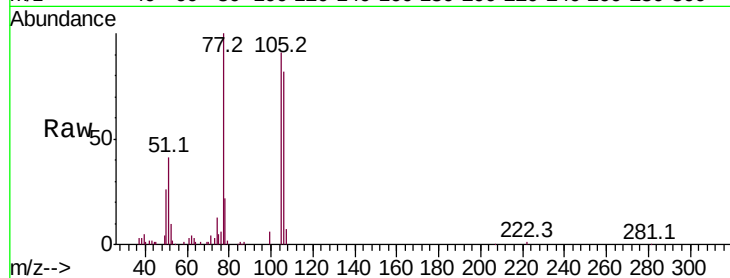
ClientSampled :

155-SOILMS

Tot Ion	Ratio	Lower	Upper
77	100		
105	90.8	71.3	111.3
106	82.3	64.2	104.2

Manual Integrations
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#10

Phenol

Concen: 36.410 ng

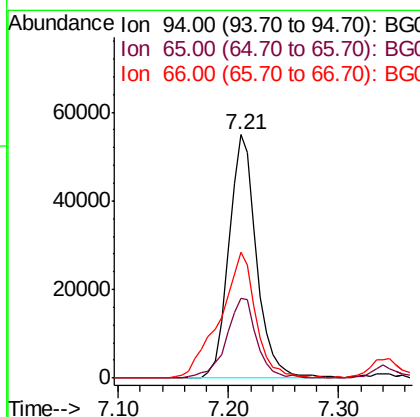
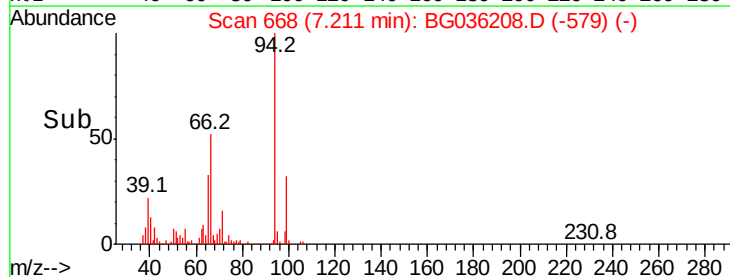
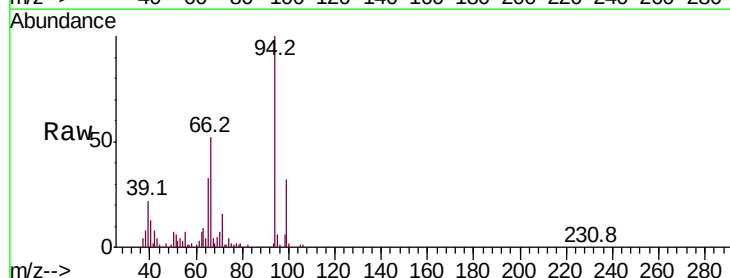
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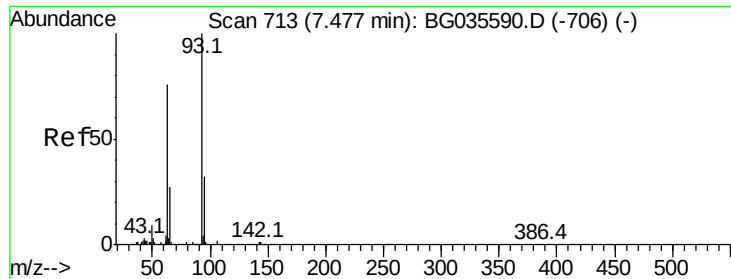
Delta R.T. -0.01 min

Lab File: BG036208.D

Acq: 8 Aug 2018 21:51

Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.7	11.9	51.9
66	51.8	22.2	62.2





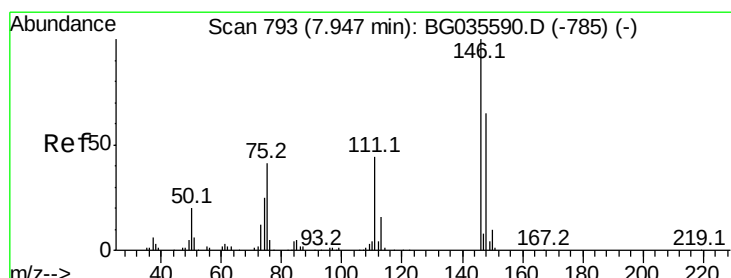
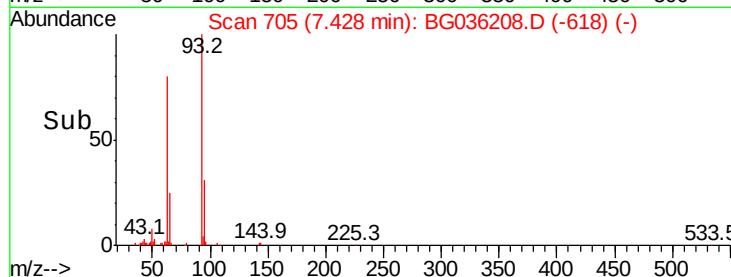
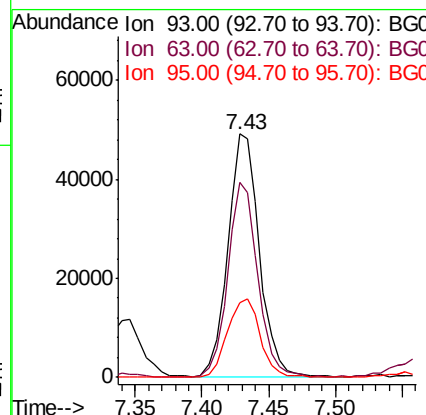
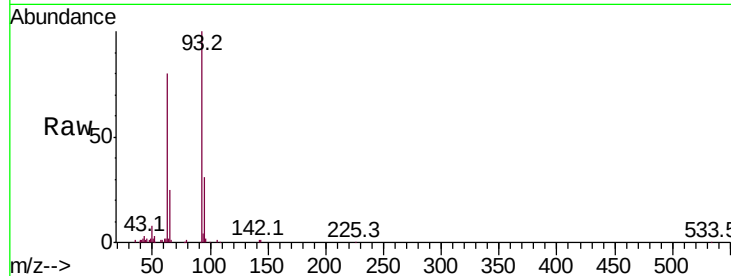
#11
bis(2-Chloroethyl)ether
Concen: 39.340 ng
RT: 7.43 min Scan# 705
Delta R.T. -0.02 min
Lab File: BG036208.D
Acq: 8 Aug 2018 21:51

Instrument :
BNA_G
ClientSampleId :
155-SOILMS

Tot Ion	Ratio	Lower	Upper
93	100		
63	80.1	67.1	107.1
95	30.7	11.5	51.5

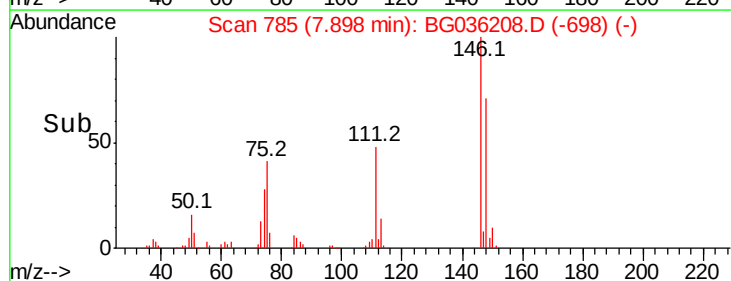
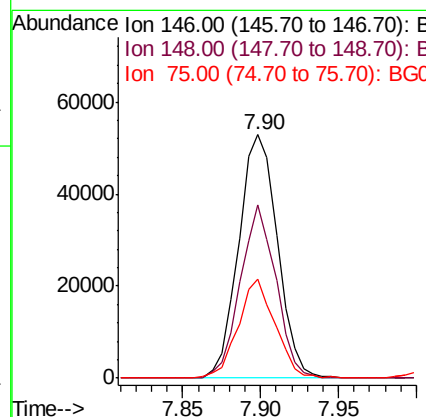
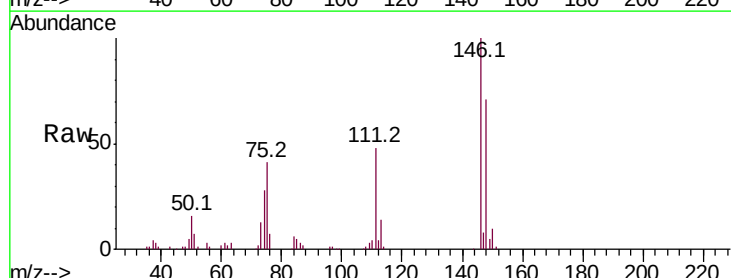
Manual Integrations
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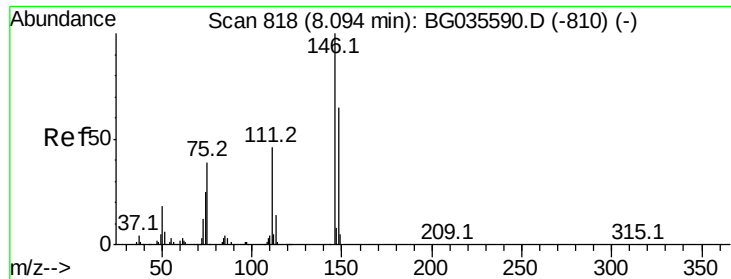
Sohil
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#12
1,3-Dichlorobenzene
Concen: 42.576 ng m
RT: 7.90 min Scan# 785
Delta R.T. -0.02 min
Lab File: BG036208.D
Acq: 8 Aug 2018 21:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	71.3	51.4	77.2
75	40.9	26.6	39.8#





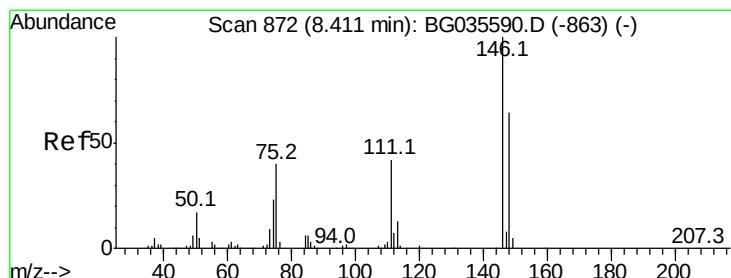
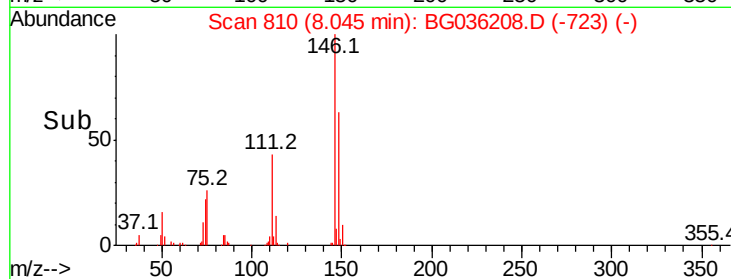
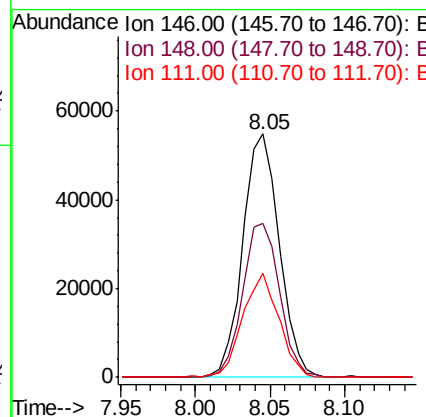
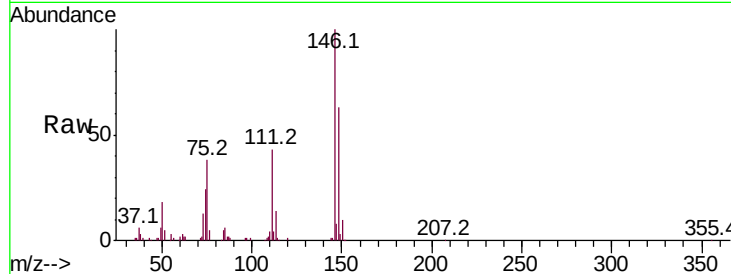
#13
 1,4-Dichlorobenzene
 Concen: 42.403 ng
 RT: 8.05 min Scan# 810
 Delta R.T. -0.02 min
 Lab File: BG036208.D
 Acq: 8 Aug 2018 21:51

Instrument :
 BNA_G
 ClientSampled :
 155-SOILMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.0	53.7	80.5
111	43.0	35.2	52.8

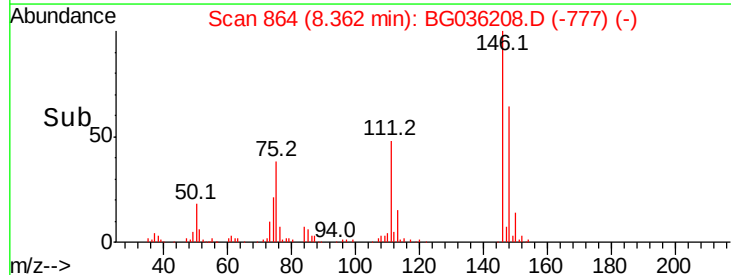
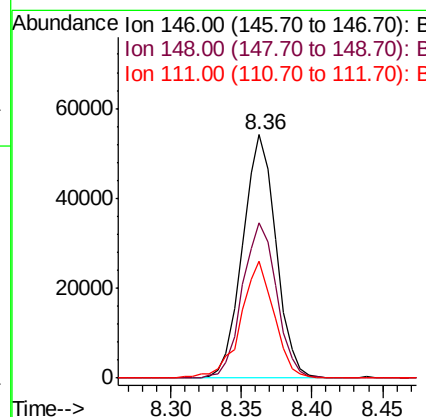
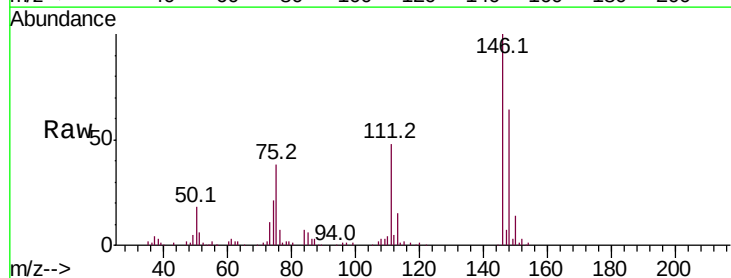
Manual Integrations
 APPROVED

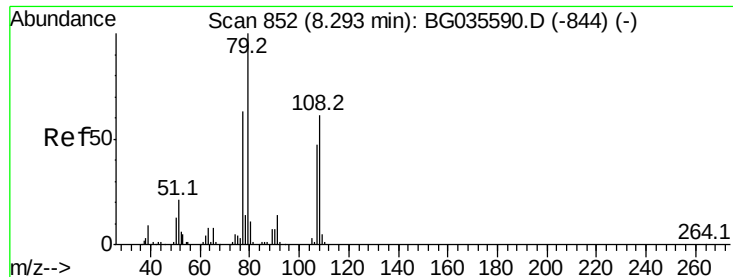
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 42.636 ng
 RT: 8.36 min Scan# 864
 Delta R.T. -0.02 min
 Lab File: BG036208.D
 Acq: 8 Aug 2018 21:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	49.3	73.9
111	48.3	34.3	51.5





#15

Benzyl Alcohol

Concen: 33.805 ng

RT: 8.26 min Scan# 846

Delta R.T. -0.01 min

Lab File: BG036208.D

Acq: 8 Aug 2018 21:51

Instrument :

BNA_G

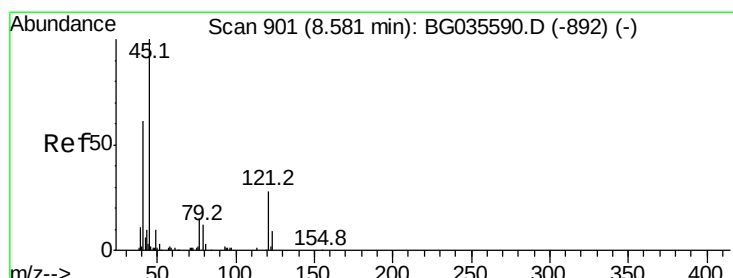
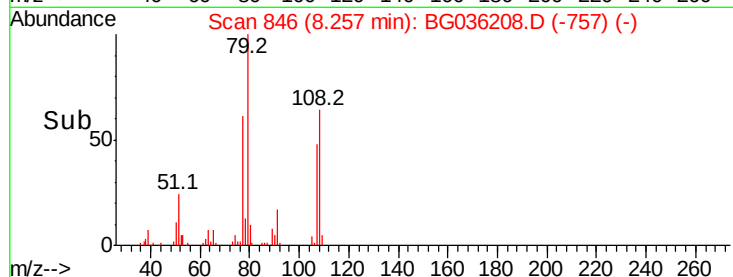
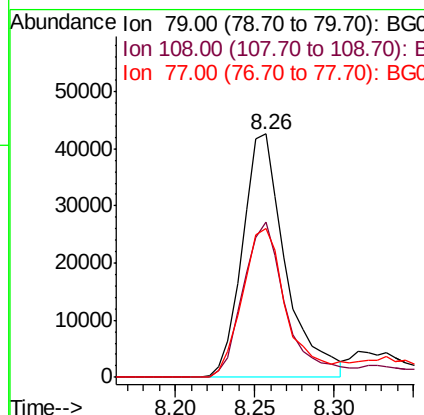
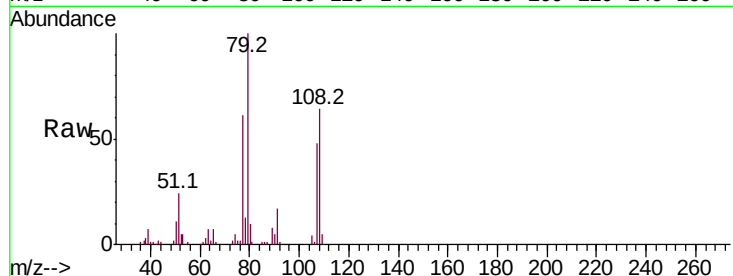
ClientSampled :

155-SOILMS

Tot Ion:	79	Resp:	80312
Ion Ratio	Lower	Upper	
79	100		
108	63.7	57.2	85.8
77	61.1	46.1	69.1

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 51.087 ng

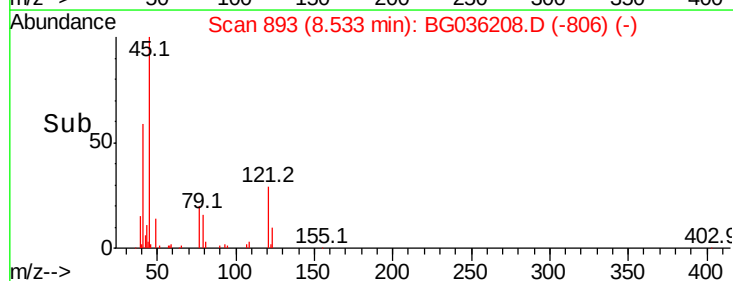
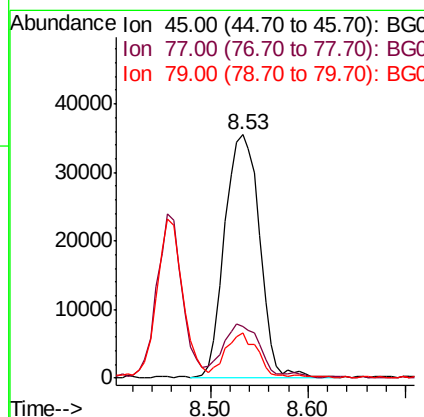
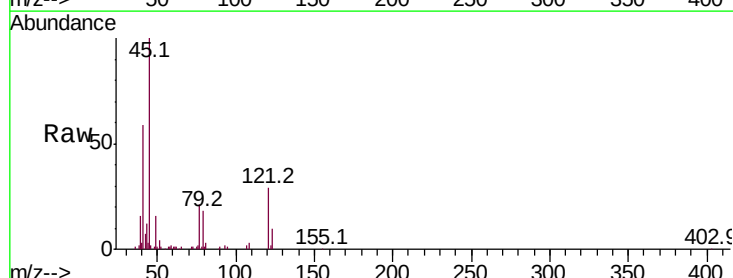
RT: 8.53 min Scan# 893

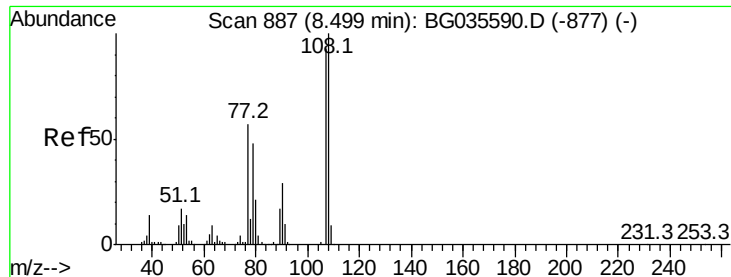
Delta R.T. -0.02 min

Lab File: BG036208.D

Acq: 8 Aug 2018 21:51

Tgt Ion:	45	Resp:	88656
Ion Ratio	Lower	Upper	
45	100		
77	21.4	0.0	30.2
79	18.4	0.0	27.9





#17

2-Methylphenol

Concen: 40.223 ng

RT: 8.46 min Scan# 880

Delta R.T. -0.01 min

Lab File: BG036208.D

Acq: 8 Aug 2018 21:51

Instrument :

BNA_G

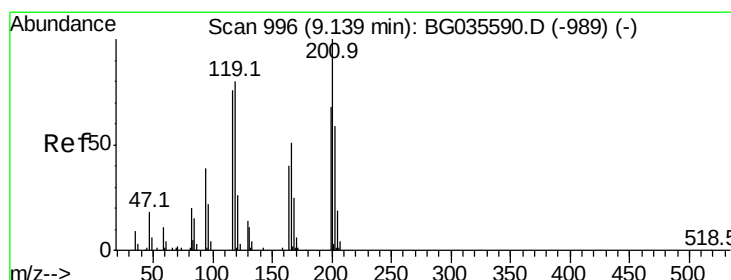
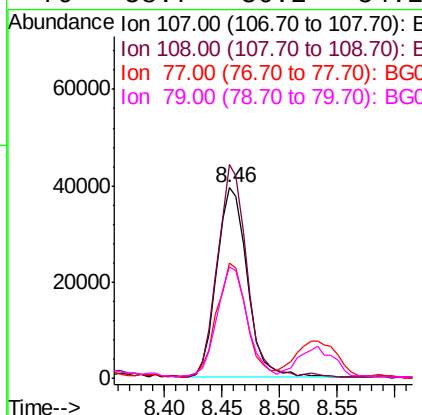
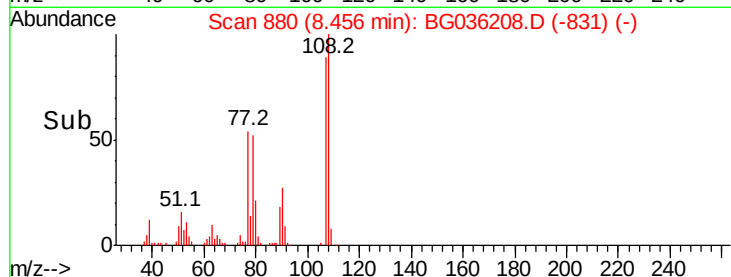
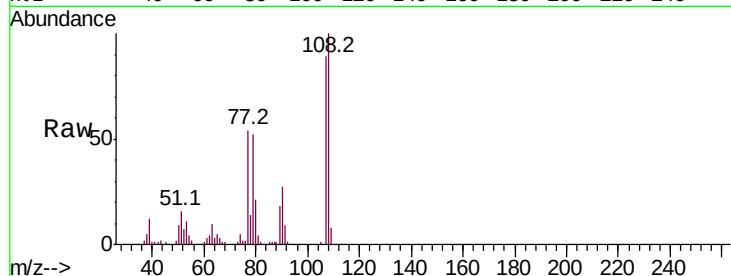
ClientSampled :

155-SOILMS

Tot Ion:	107	Resp:	72283
Ion Ratio	Lower	Upper	
107	100		
108	112.3	83.9	125.9
77	60.4	37.2	55.8#
79	58.7	36.2	54.2#

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#18

Hexachloroethane

Concen: 43.368 ng

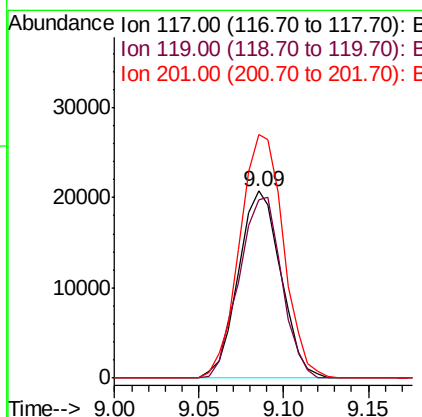
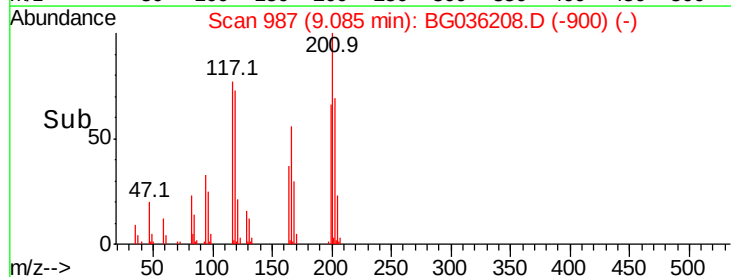
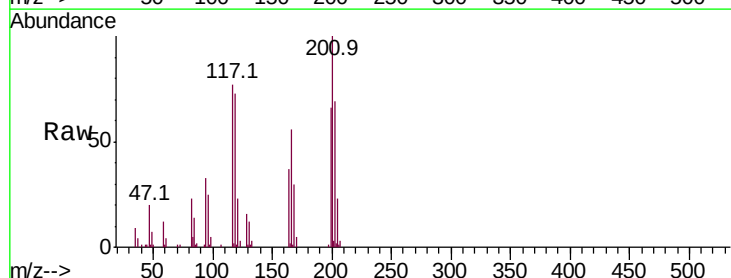
RT: 9.09 min Scan# 987

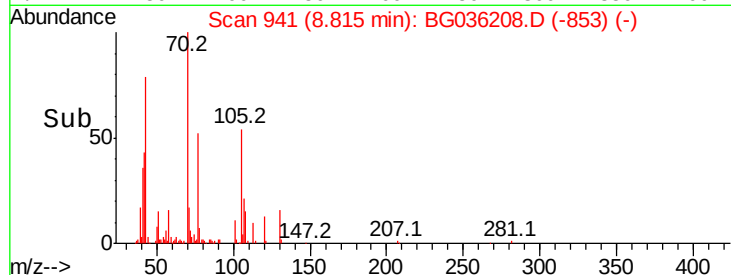
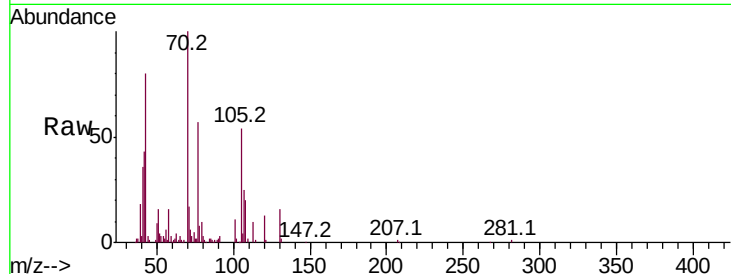
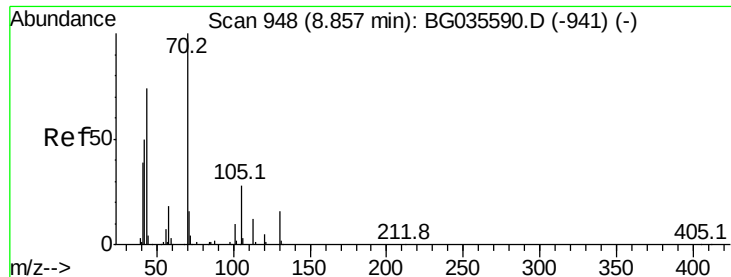
Delta R.T. -0.02 min

Lab File: BG036208.D

Acq: 8 Aug 2018 21:51

Tgt Ion:	117	Resp:	36284
Ion Ratio	Lower	Upper	
117	100		
119	95.2	76.7	115.1
201	130.1	95.7	143.5





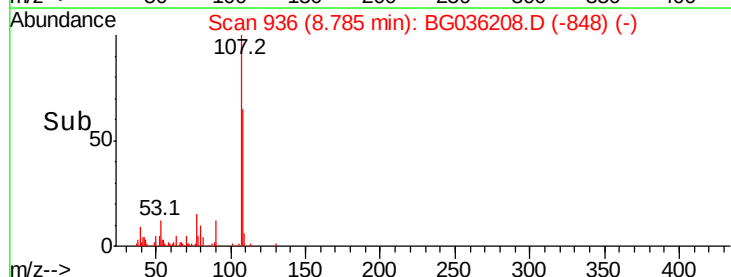
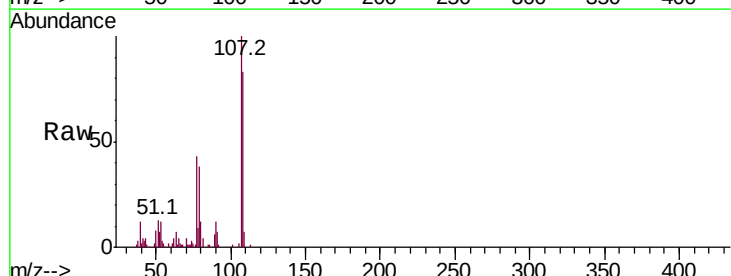
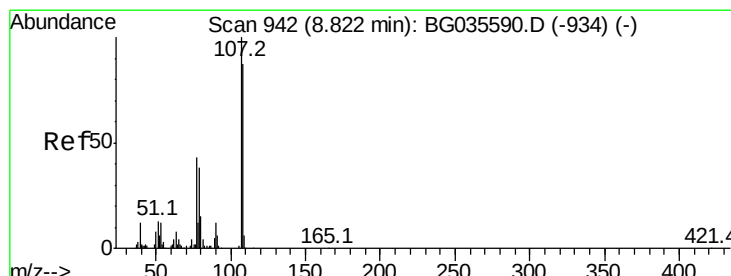
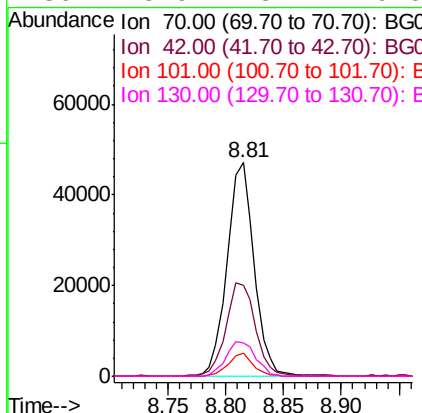
#19
n-Nitroso-di-n-propylamine
Concen: 34.734 ng
RT: 8.81 min Scan# 941
Delta R.T. -0.01 min
Lab File: BG036208.D
Acq: 8 Aug 2018 21:51

Instrument :
BNA_G
ClientSampleId :
155-SOILMS

Tot Ion	Ratio	Lower	Upper
70	100		
42	42.7	49.1	73.7#
101	10.6	8.5	12.7
130	15.9	13.4	20.0

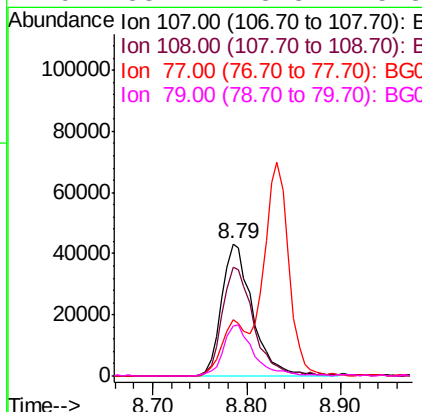
Manual Integrations
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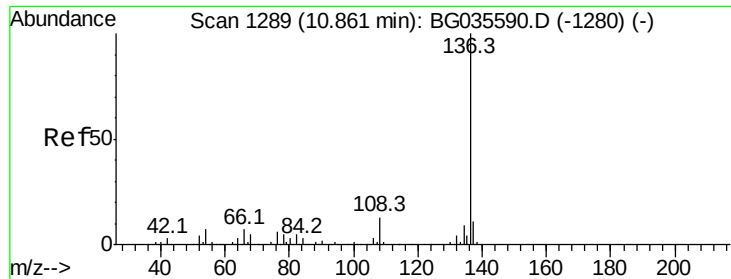
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#20
3+4-Methylphenols
Concen: 39.842 ng
RT: 8.79 min Scan# 936
Delta R.T. -0.01 min
Lab File: BG036208.D
Acq: 8 Aug 2018 21:51

Tgt Ion	Ratio	Lower	Upper
107	100		
108	82.9	61.6	101.6
77	42.7	13.9	53.9
79	38.1	8.8	48.8





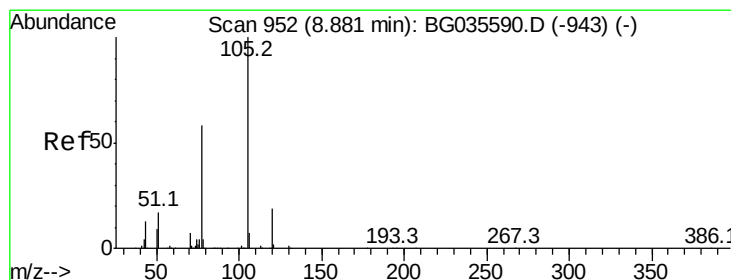
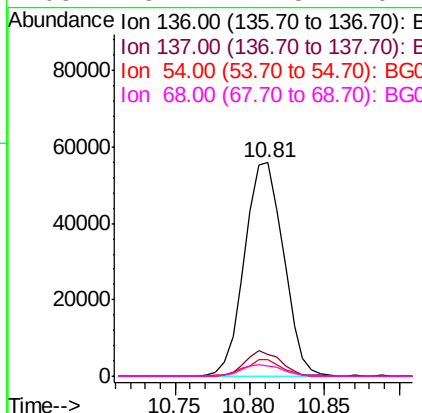
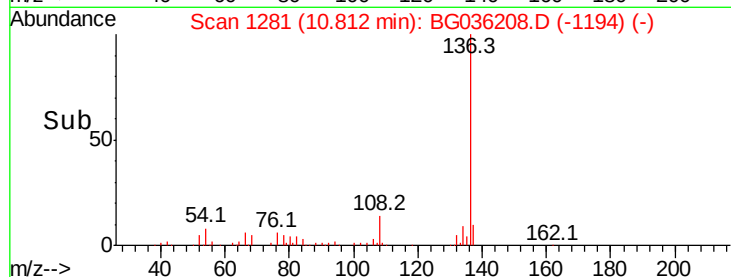
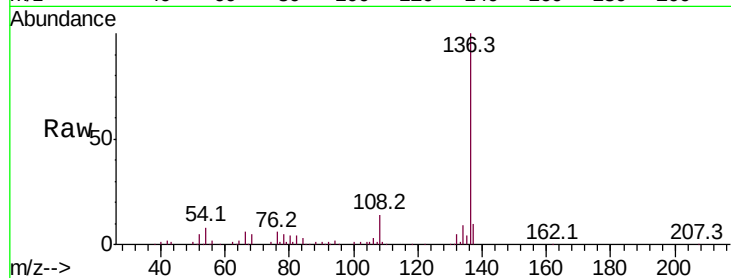
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BG036208.D
Acq: 8 Aug 2018 21:51

Instrument :
BNA_G
ClientSampleId :
155-SOILMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.1	9.2	13.8	
54	7.8	10.3	15.5	
68	5.1	4.5	6.7	

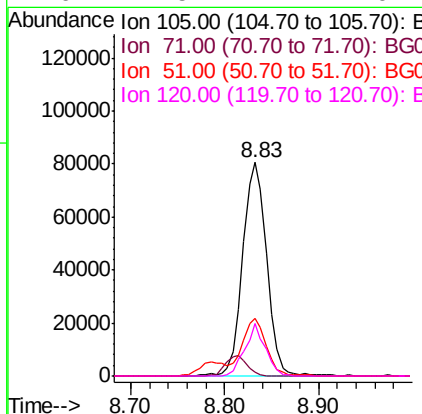
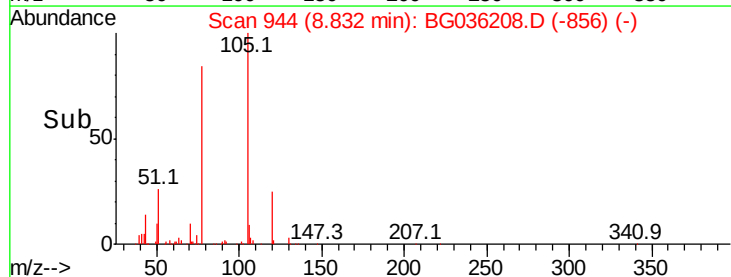
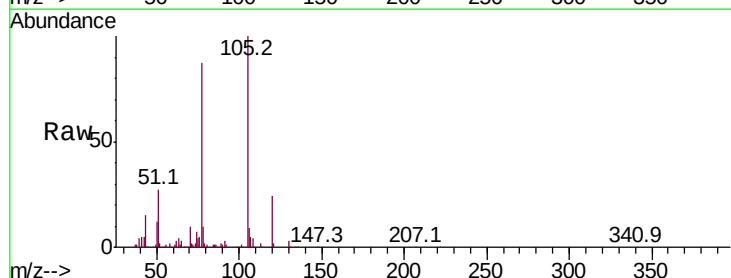
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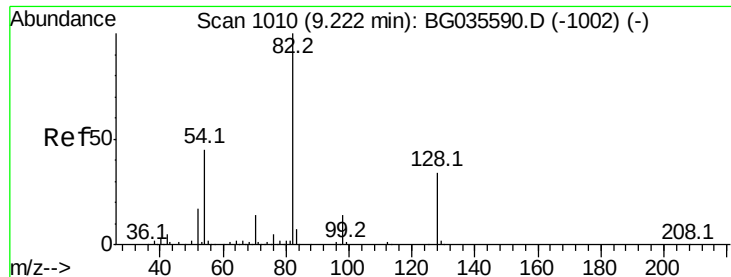
Sohil
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#22
Acetophenone
Concen: 45.158 ng
RT: 8.83 min Scan# 944
Delta R.T. -0.01 min
Lab File: BG036208.D
Acq: 8 Aug 2018 21:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.5	3.0	4.4	
51	27.0	26.1	39.1	
120	24.5	17.4	26.2	





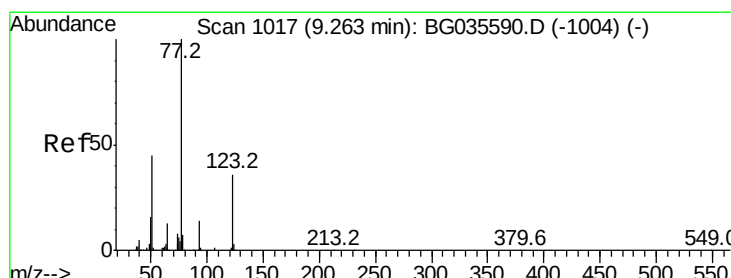
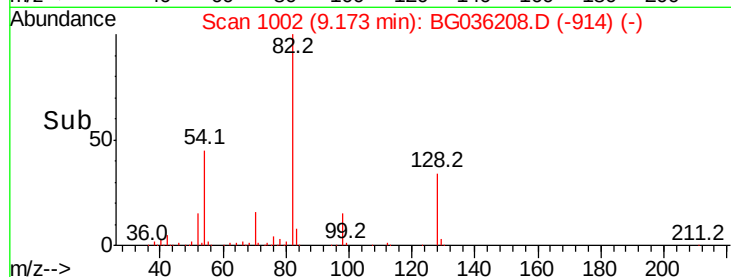
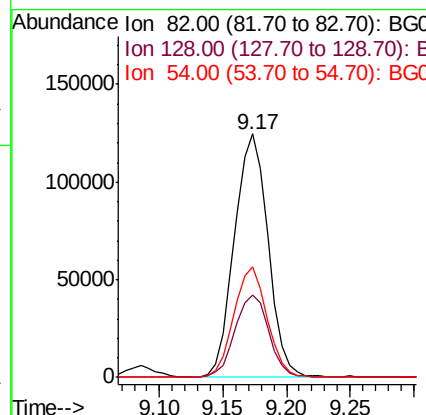
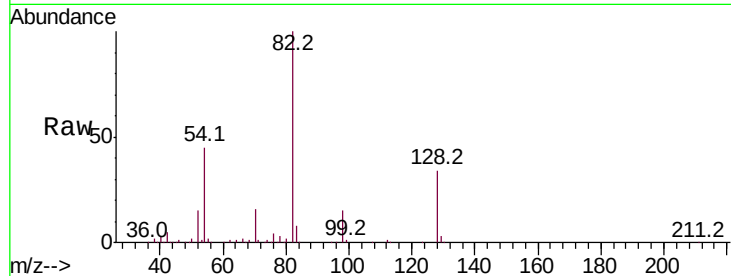
#23
 Nitrobenzene-d5
 Concen: 94.987 ng
 RT: 9.17 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: BG036208.D
 Acq: 8 Aug 2018 21:51

Instrument :
 BNA_G
 ClientSampleId :
 155-SOILMS

Tot Ion:	82	Resp:	229715
Ion Ratio	Lower	Upper	
82	100		
128	33.9	29.7	44.5
54	45.2	43.1	64.7

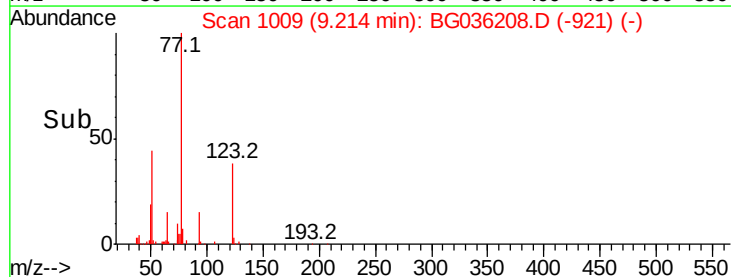
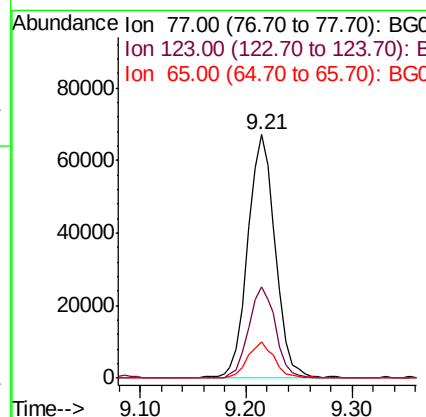
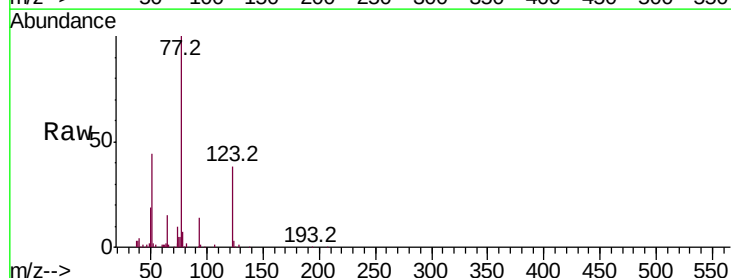
Manual Integrations
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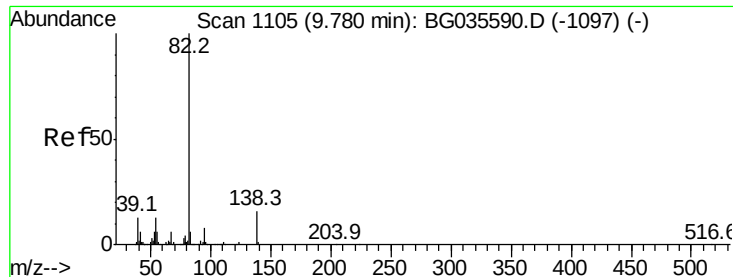
Sohil
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#24
 Nitrobenzene
 Concen: 49.969 ng
 RT: 9.21 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BG036208.D
 Acq: 8 Aug 2018 21:51

Tgt Ion:	77	Resp:	121532
Ion Ratio	Lower	Upper	
77	100		
123	37.5	33.0	49.6
65	14.8	13.0	19.6





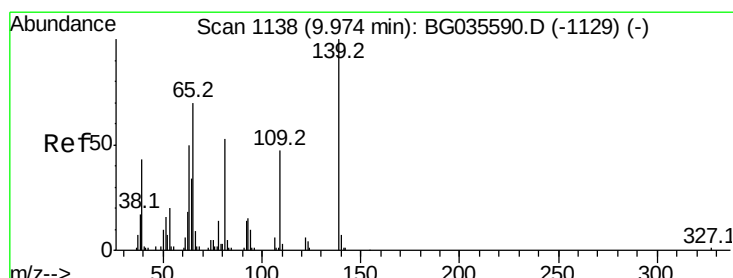
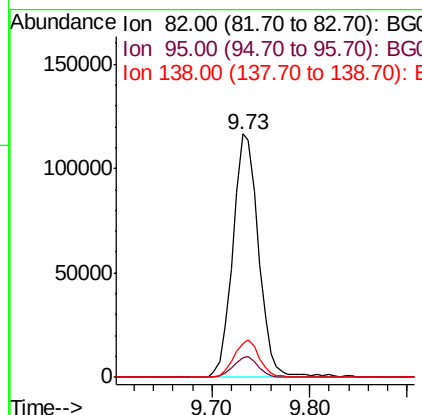
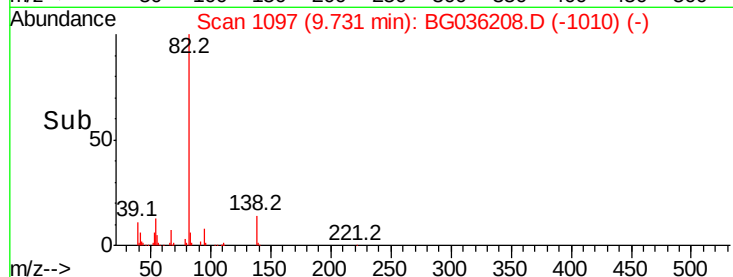
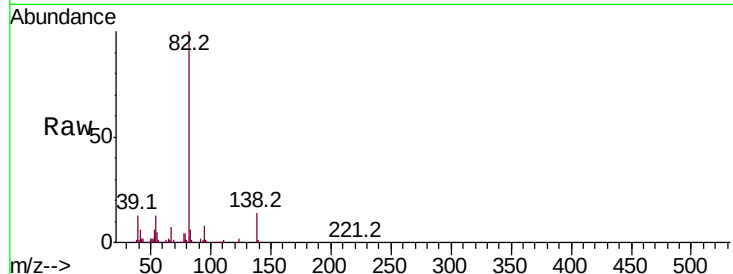
#25
Isophorone
Concen: 47.580 ng
RT: 9.73 min Scan# 1097
Delta R.T. -0.02 min
Lab File: BG036208.D
Acq: 8 Aug 2018 21:51

Instrument :
BNA_G
ClientSampleId :
155-SOILMS

Tot Ion	Ratio	Resp Lower	Upper
82	100		
95	8.0	6.2	9.2
138	13.8	12.1	18.1

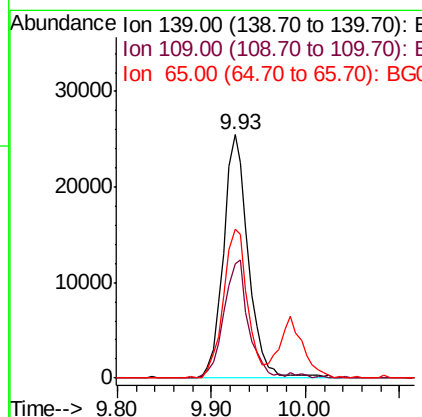
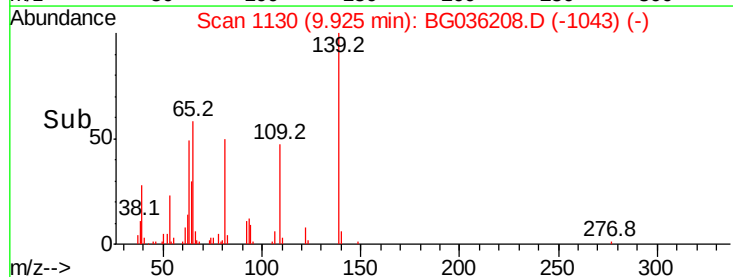
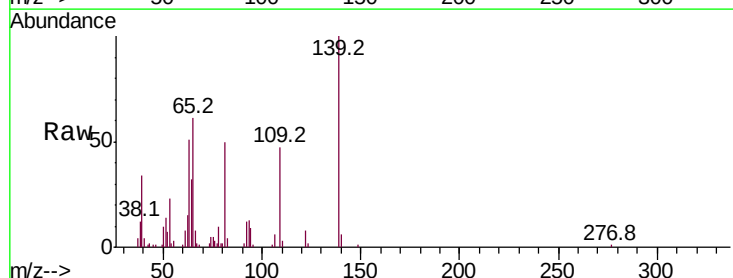
Manual Integrations
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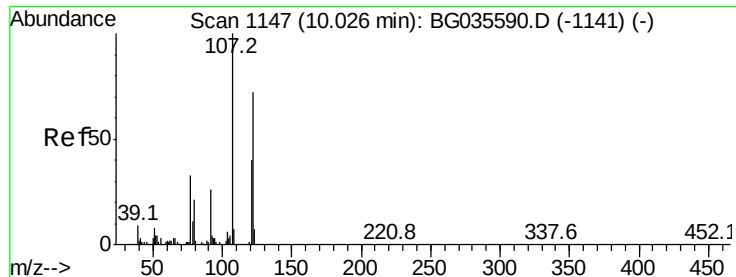
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#26
2-Nitrophenol
Concen: 54.329 ng
RT: 9.93 min Scan# 1130
Delta R.T. -0.02 min
Lab File: BG036208.D
Acq: 8 Aug 2018 21:51

Tgt Ion	Ratio	Resp Lower	Upper
139	100		
109	46.8	24.2	36.2#
65	61.1	47.4	71.0





#27

2,4-Dimethylphenol

Concen: 54.435 ng

RT: 9.98 min Scan# 1140

Delta R.T. -0.01 min

Lab File: BG036208.D

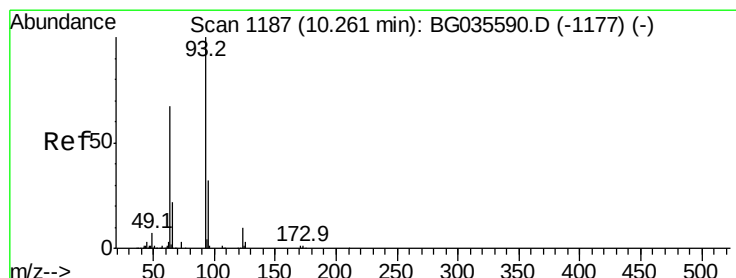
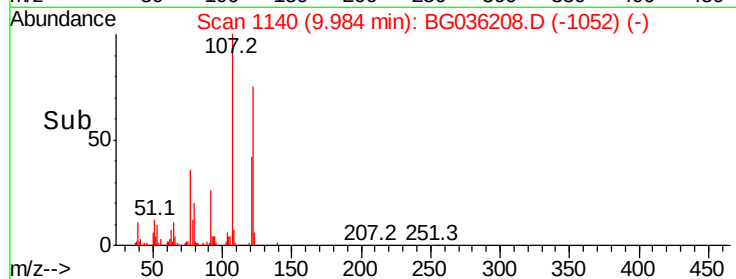
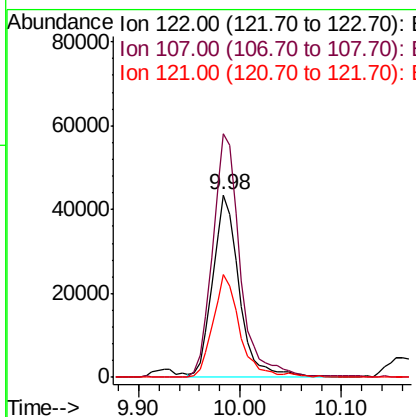
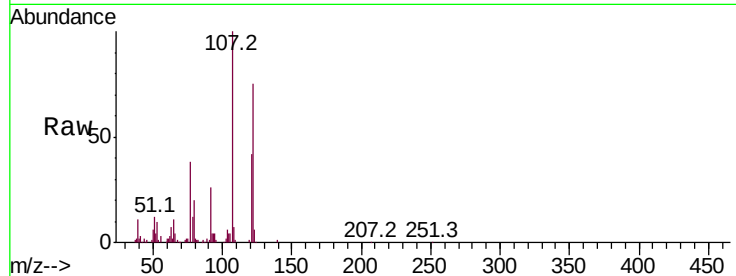
Acq: 8 Aug 2018 21:51

Instrument :
BNA_G
ClientSampleId :
155-SOILMS

Tot Ion	Ratio	Resp Lower	Upper
122	100		
107	133.5	100.2	150.2
121	56.2	44.4	66.6

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#28

bis(2-Chloroethoxy)methane

Concen: 44.356 ng

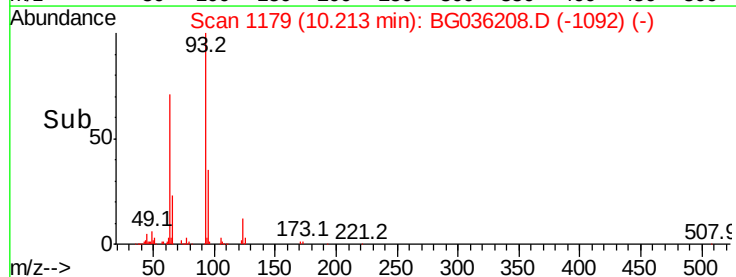
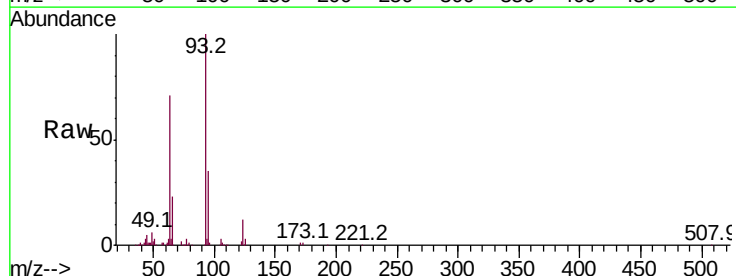
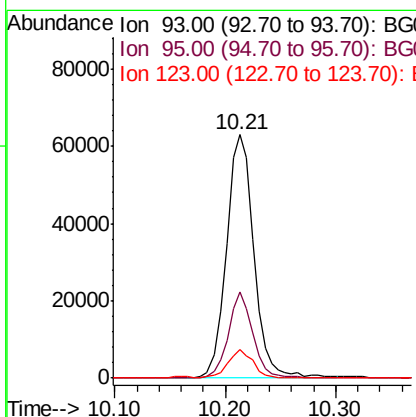
RT: 10.21 min Scan# 1179

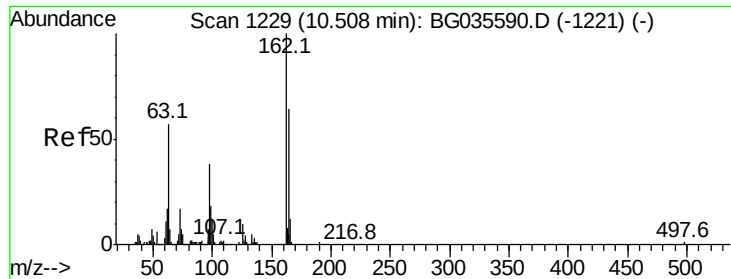
Delta R.T. -0.02 min

Lab File: BG036208.D

Acq: 8 Aug 2018 21:51

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
95	35.5	24.3	36.5
123	12.0	8.4	12.6





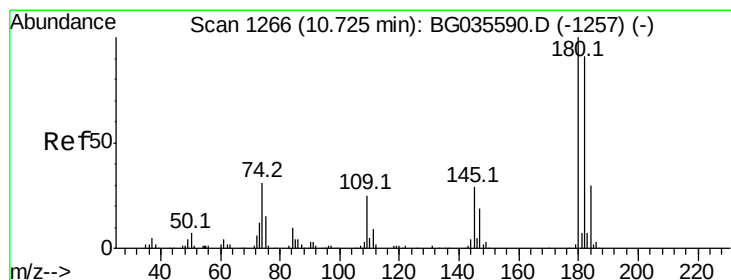
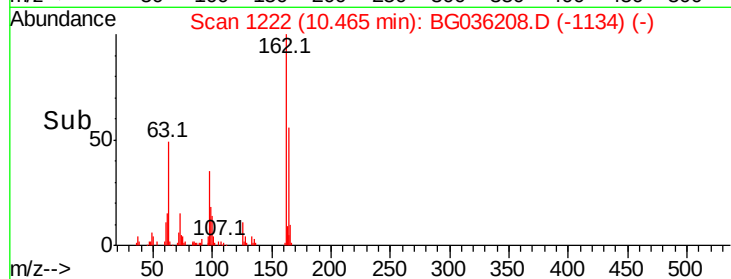
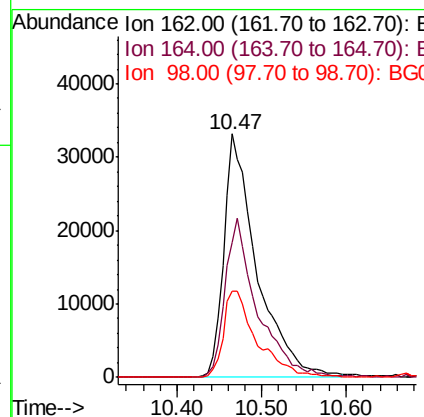
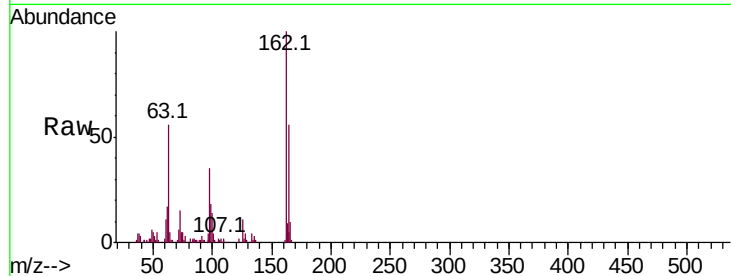
#29
2,4-Dichlorophenol
Concen: 53.825 ng
RT: 10.47 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BG036208.D
Acq: 8 Aug 2018 21:51

Instrument :
BNA_G
ClientSampled :
155-SOILMS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	55.6	48.0	88.0	
98	35.4	21.1	61.1	

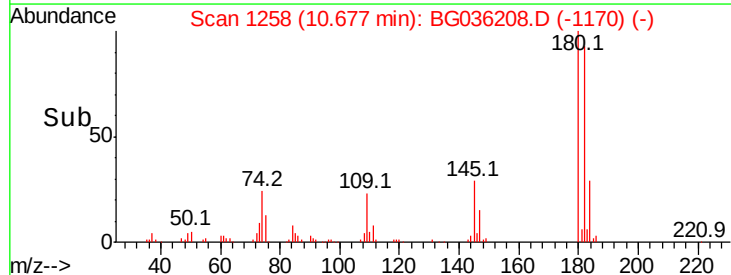
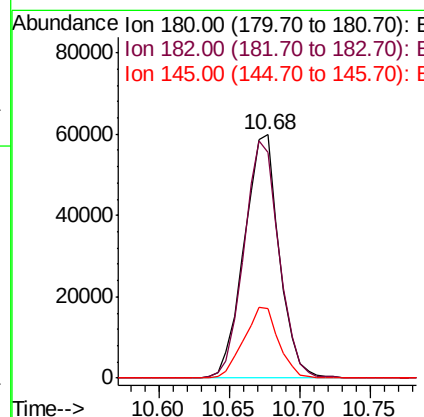
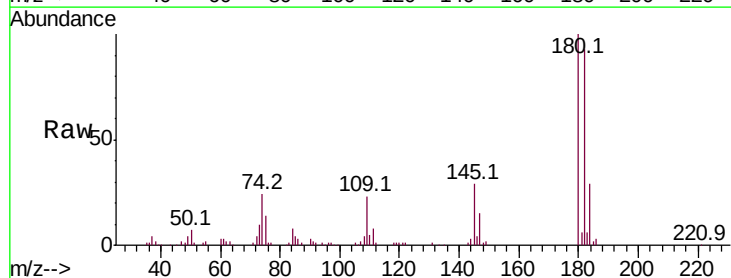
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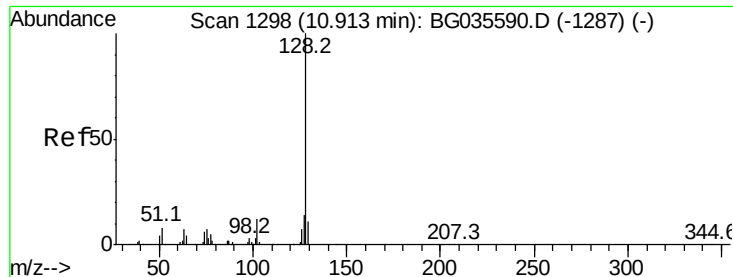
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#30
1,2,4-Trichlorobenzene
Concen: 50.801 ng
RT: 10.68 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BG036208.D
Acq: 8 Aug 2018 21:51

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	92.8	77.5	116.3	
145	28.8	23.4	35.2	





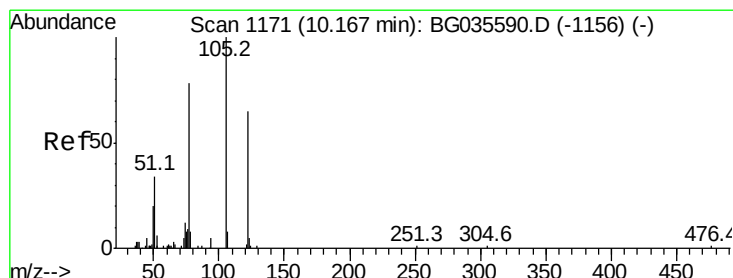
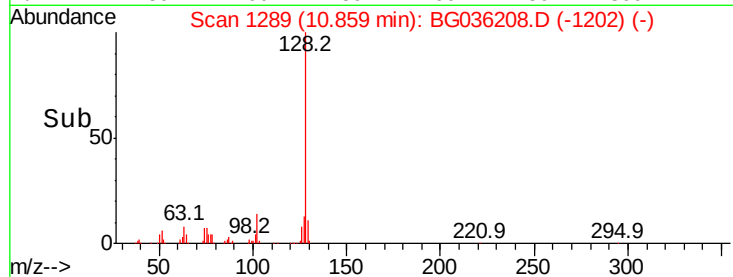
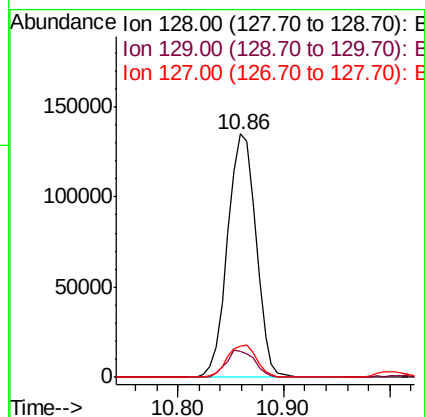
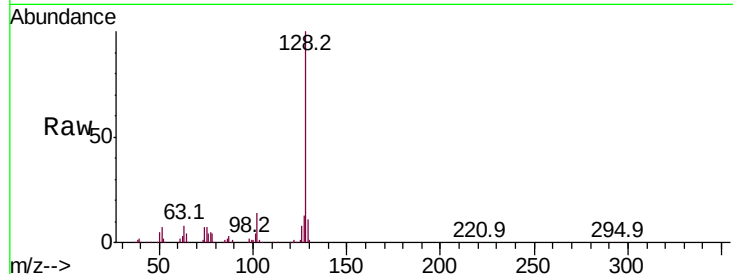
#31
Naphthalene
Concen: 47.602 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BG036208.D
Acq: 8 Aug 2018 21:51

Instrument :
BNA_G
ClientSampleId :
155-SOILMS

Tot Ion:128	Resp:	250508
Ion Ratio	Lower	Upper
128 100		
129 10.9	8.6	12.8
127 13.1	11.6	17.4

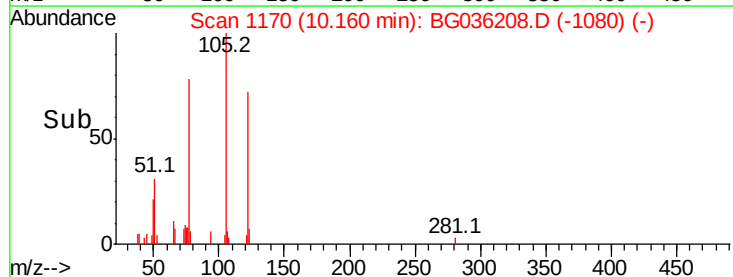
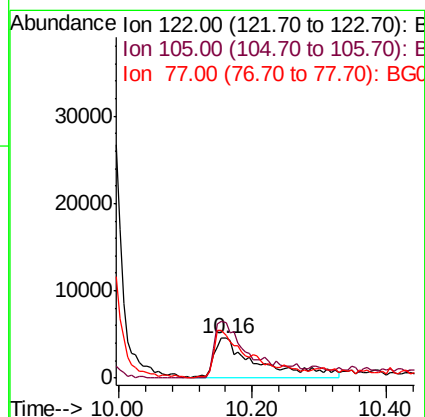
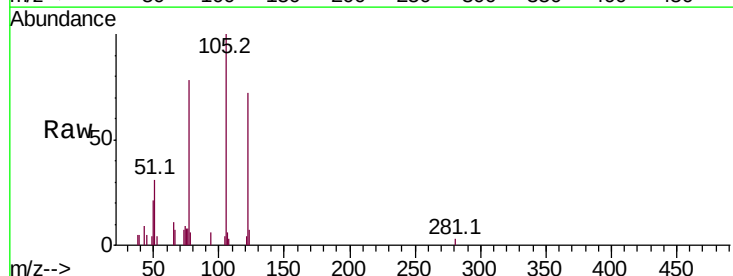
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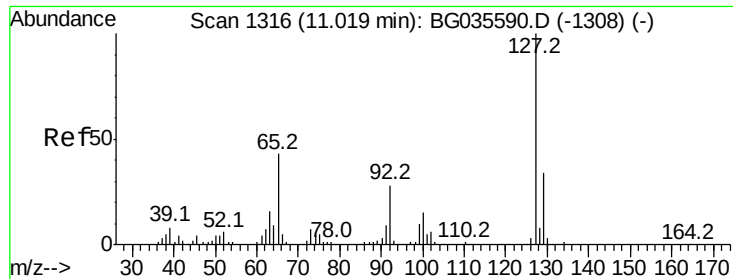
Sohil
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#32
Benzoic acid
Concen: 21.096 ng m
RT: 10.16 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BG036208.D
Acq: 8 Aug 2018 21:51

Tgt Ion:122	Resp:	20765
Ion Ratio	Lower	Upper
122 100		
105 139.1	123.5	163.5
77 108.1	85.7	125.7





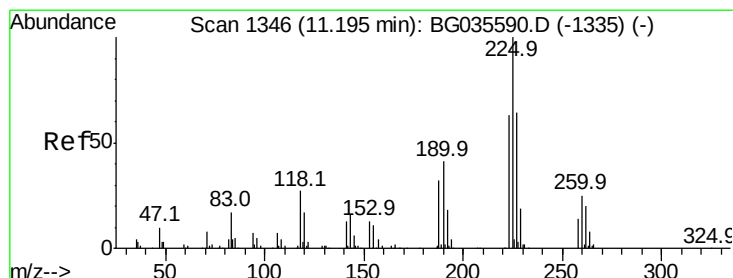
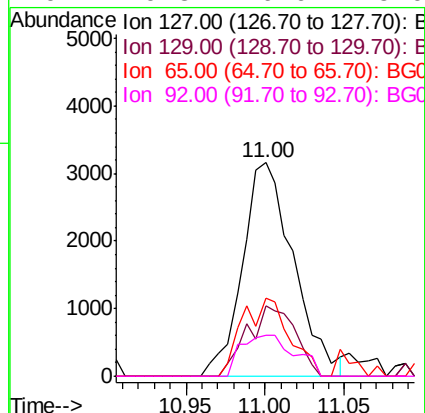
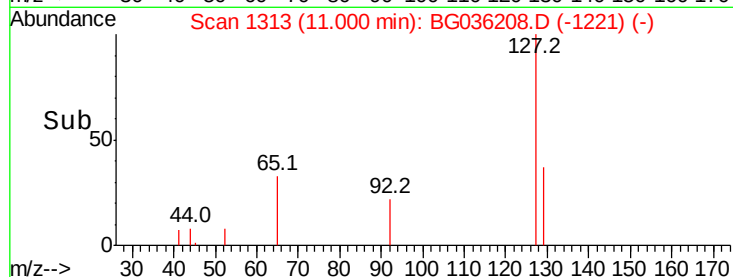
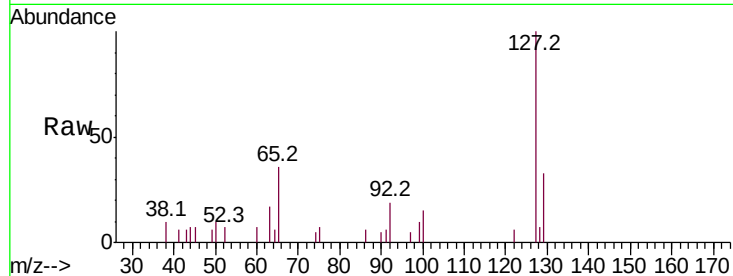
#33
4-Chloroaniline
Concen: 3.084 ng
RT: 11.00 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BG036208.D
Acq: 8 Aug 2018 21:51

Instrument :
BNA_G
ClientSampleId :
155-SOILMS

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.2	24.0	36.0
65	36.4	27.0	40.4
92	19.3	16.6	25.0

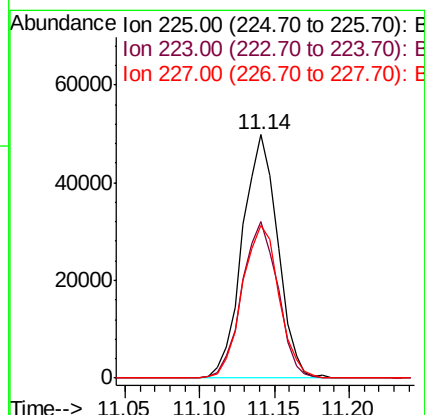
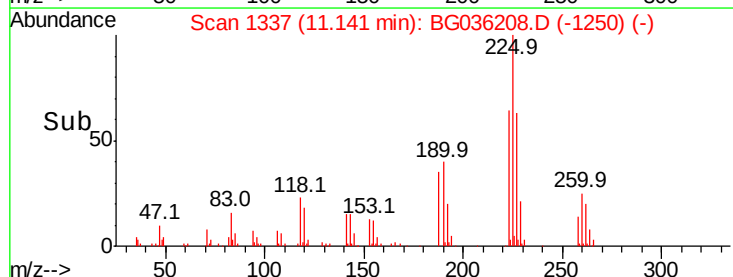
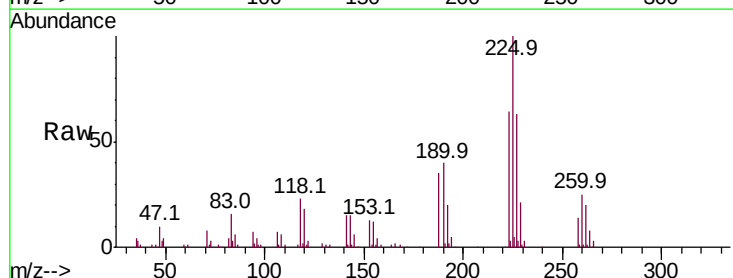
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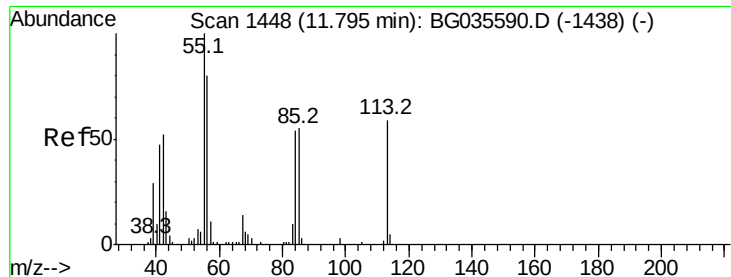
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#34
Hexachlorobutadiene
Concen: 51.190 ng
RT: 11.14 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BG036208.D
Acq: 8 Aug 2018 21:51

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.4	49.7	74.5
227	62.6	48.1	72.1





#35

Caprolactam

Concen: 30.817 ng/mL

RT: 11.76 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BG036208.D

Acq: 8 Aug 2018 21:51

Instrument :

BNA_G

ClientSampled :

155-SOILMS

Tot Ion:113 Resp: 22073

Ion Ratio Lower Upper

113 100

55 142.3 186.9 226.9#

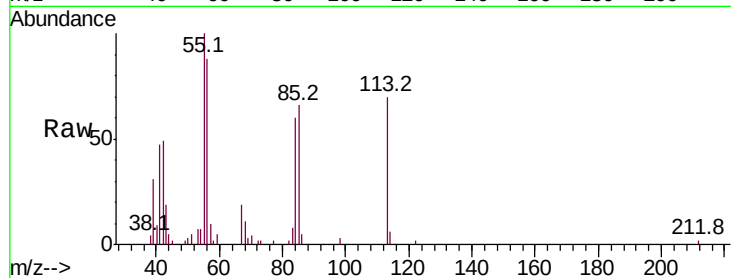
56 124.8 130.9 170.9#

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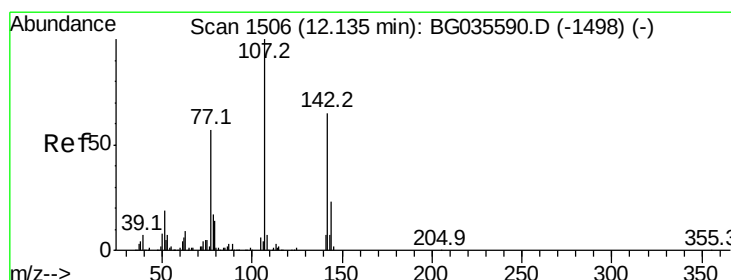
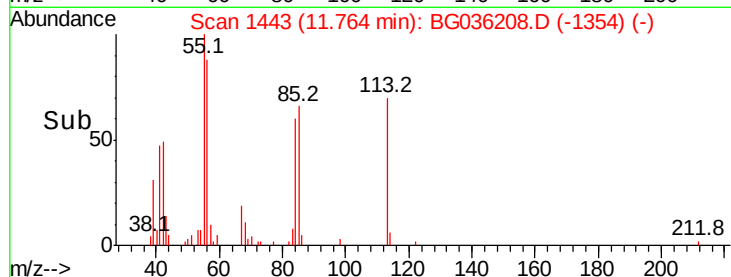
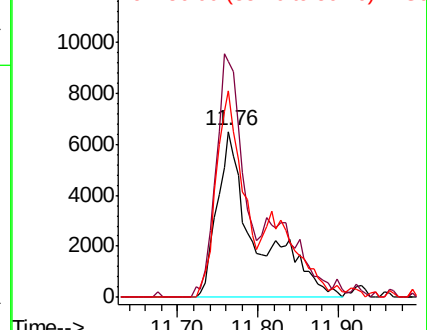
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG035590.D (-1438) (-)

Ion 56.00 (55.70 to 56.70): BG035590.D (-1438) (-)



#36

4-Chloro-3-methylphenol

Concen: 51.036 ng/mL

RT: 12.10 min Scan# 1500

Delta R.T. -0.01 min

Lab File: BG036208.D

Acq: 8 Aug 2018 21:51

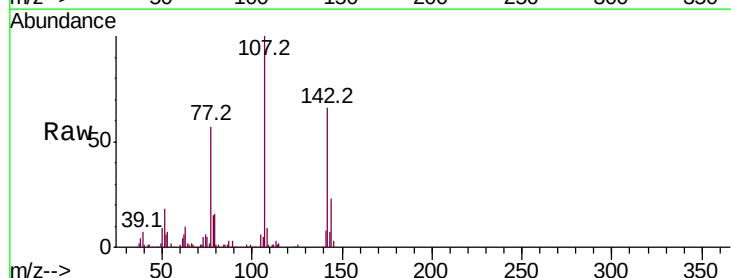
Tgt Ion:107 Resp: 114179

Ion Ratio Lower Upper

107 100

144 22.8 18.2 27.4

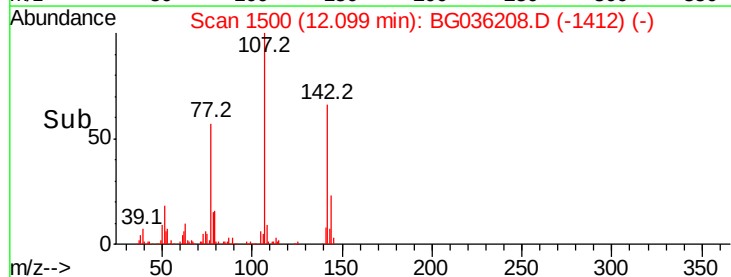
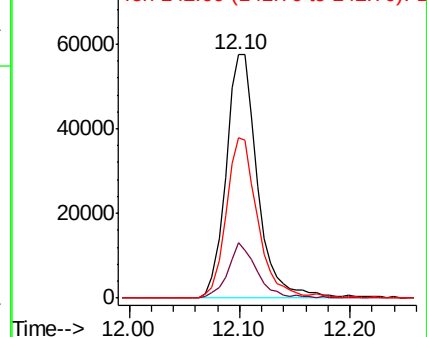
142 65.6 59.0 88.4

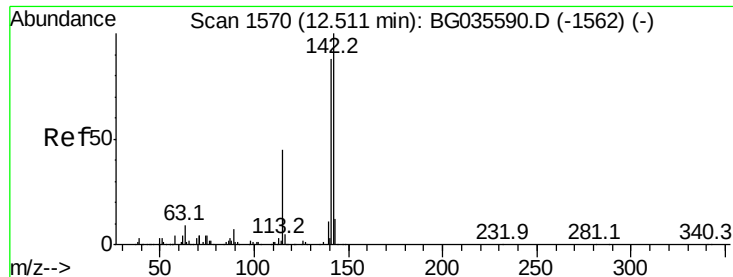


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





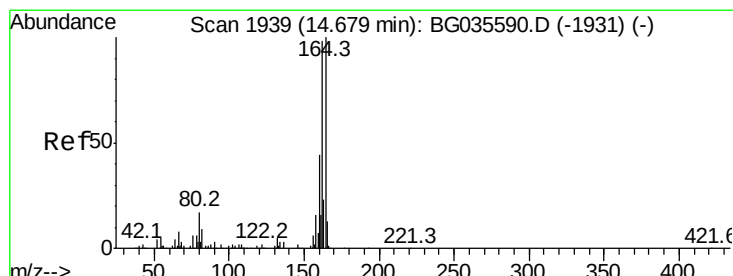
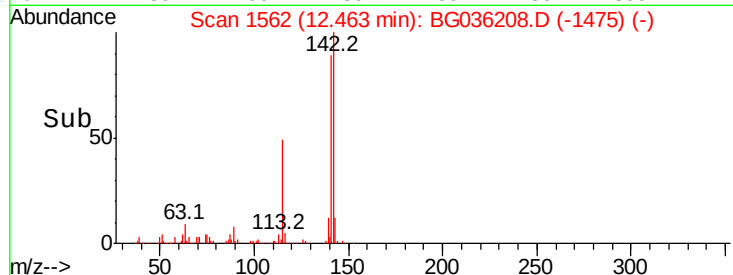
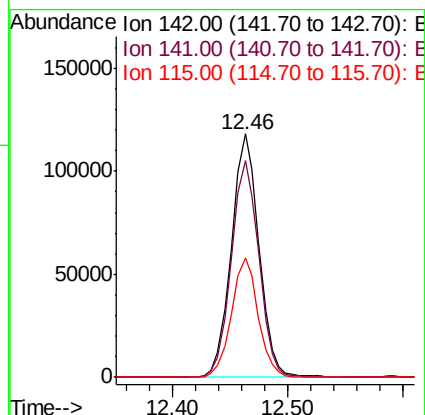
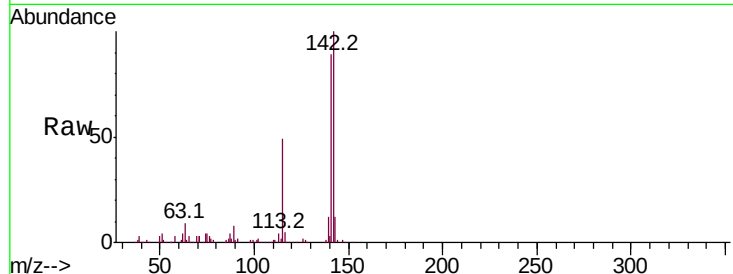
#37
2-Methylnaphthalene
Concen: 49.645 ng
RT: 12.46 min Scan# 1562
Delta R.T. -0.02 min
Lab File: BG036208.D
Acq: 8 Aug 2018 21:51

Instrument :
BNA_G
ClientSampleId :
155-SOILMS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	194642		
141	88.9	67.1	100.7	
115	49.1	30.7	46.1#	

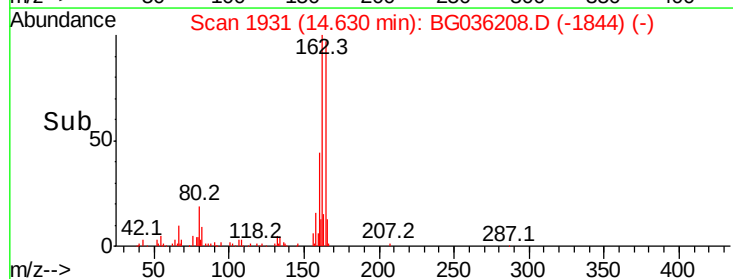
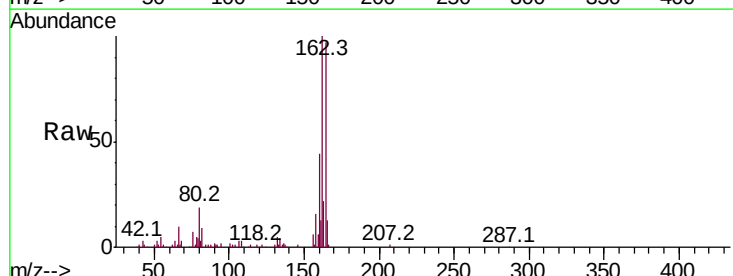
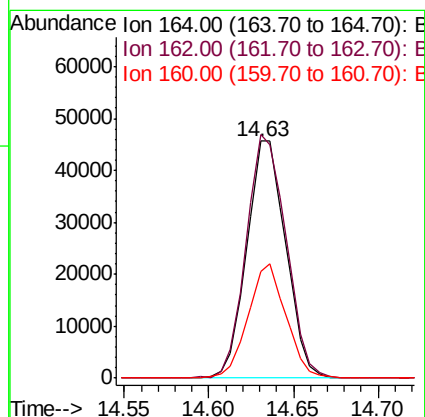
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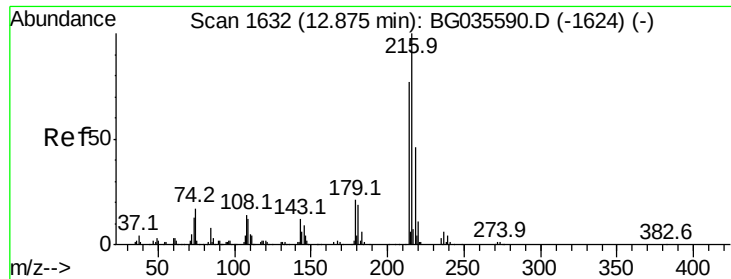
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1931
Delta R.T. -0.02 min
Lab File: BG036208.D
Acq: 8 Aug 2018 21:51

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	73490		
162	102.7	78.8	118.2	
160	44.8	35.4	53.0	





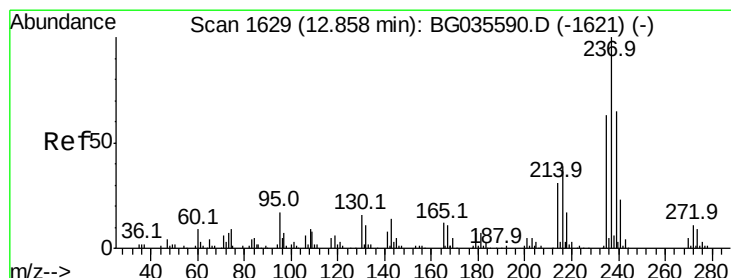
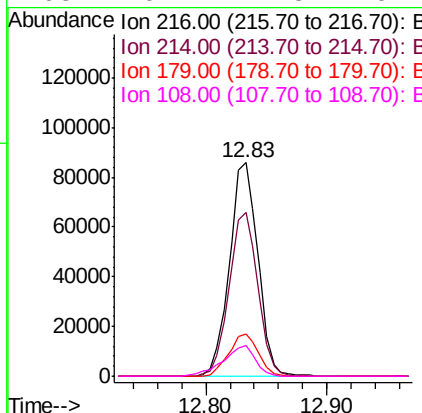
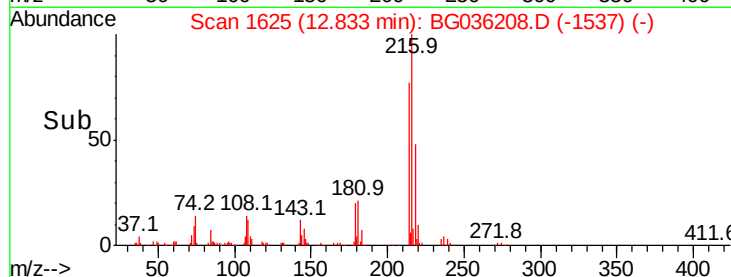
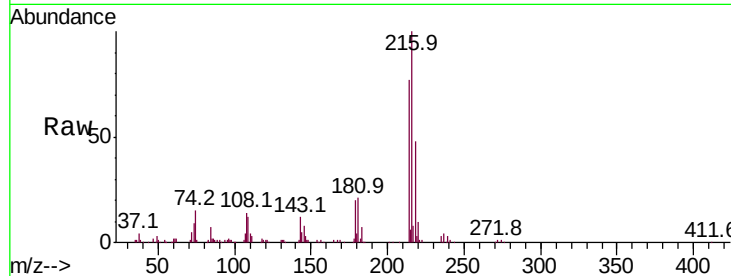
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 50.624 ng
 RT: 12.83 min Scan# 1625
 Delta R.T. -0.01 min
 Lab File: BG036208.D
 Acq: 8 Aug 2018 21:51

Instrument :
 BNA_G
 ClientSampleId :
 155-SOILMS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	140418		
214	77.5	63.0	94.4	
179	20.5	17.0	25.6	
108	16.2	12.8	19.2	

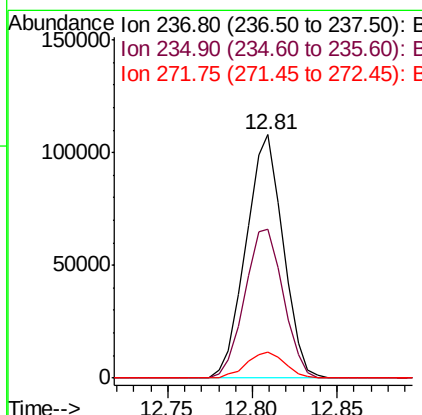
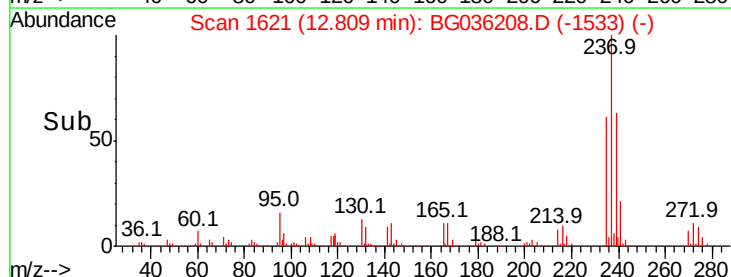
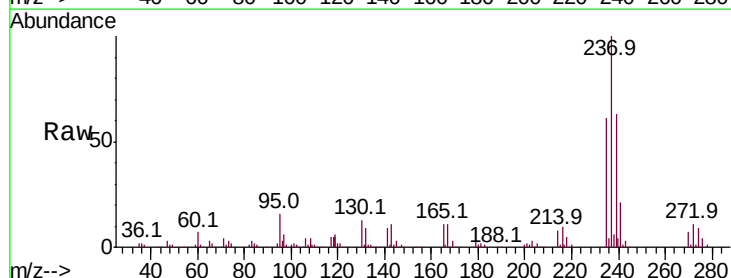
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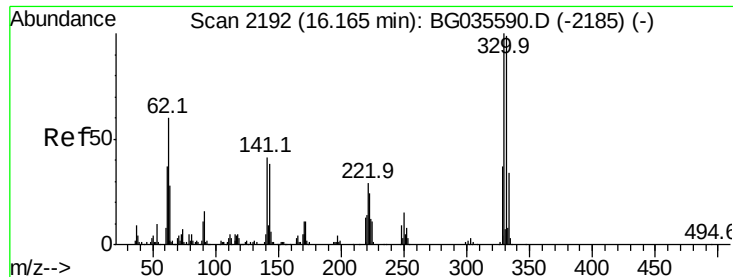
Sohil
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#40
 Hexachlorocyclopentadiene
 Concen: 113.695 ng
 RT: 12.81 min Scan# 1621
 Delta R.T. -0.01 min
 Lab File: BG036208.D
 Acq: 8 Aug 2018 21:51

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	165390		
235	61.0	50.4	90.4	
272	10.9	0.0	31.8	





#41

2,4,6-Tribromophenol

Concen: 180.345 ng

RT: 16.13 min Scan# 2186

Delta R.T. -0.01 min

Lab File: BG036208.D

Acq: 8 Aug 2018 21:51

Instrument :

BNA_G

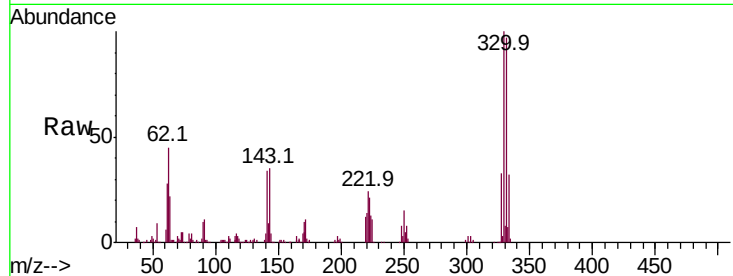
ClientSampled :

155-SOILMS

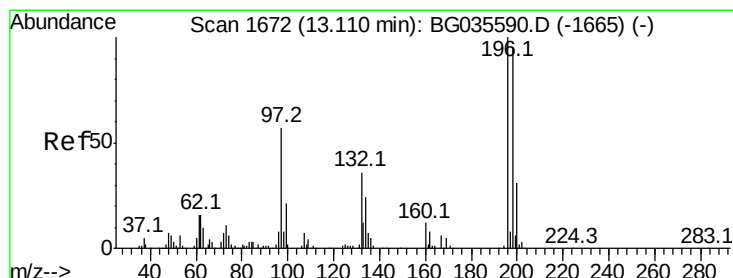
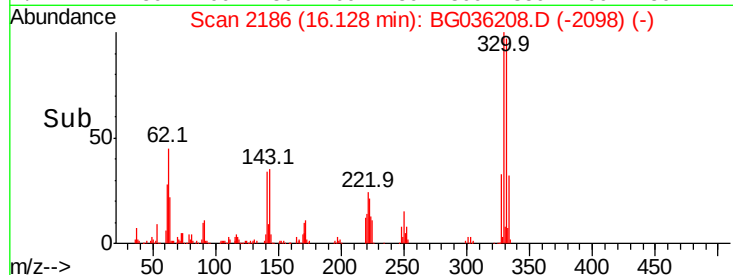
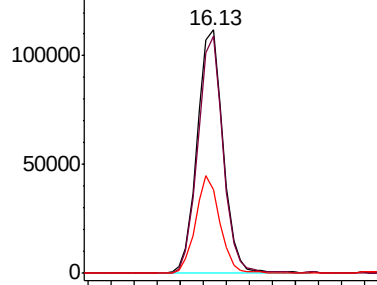
Tot Ion:	330	Resp:	174690
Ion Ratio	Lower	Upper	
330	100		
332	94.3	77.0	115.6
141	37.6	25.2	37.8

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Abundance Ion 329.80 (329.50 to 330.50): E
150000 Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 53.487 ng

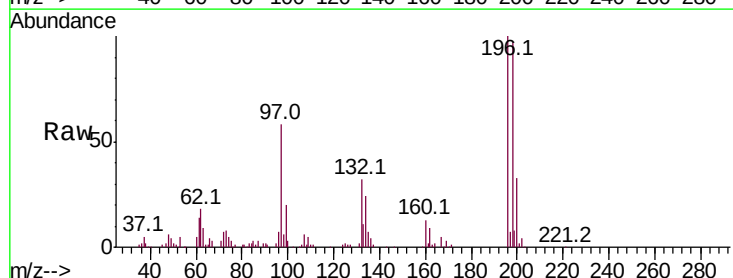
RT: 13.07 min Scan# 1666

Delta R.T. -0.01 min

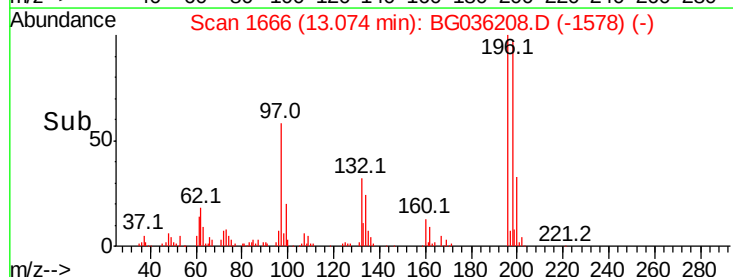
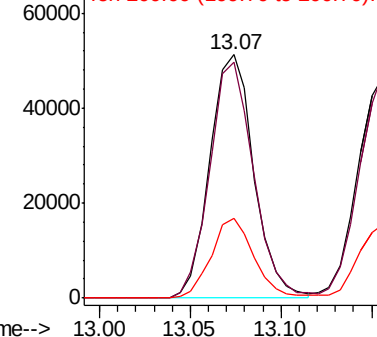
Lab File: BG036208.D

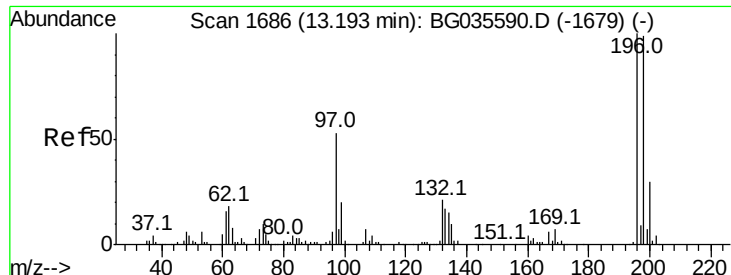
Acq: 8 Aug 2018 21:51

Tgt Ion:	196	Resp:	86761
Ion Ratio	Lower	Upper	
196	100		
198	96.9	78.2	117.2
200	32.9	24.6	36.8



Abundance Ion 196.00 (195.70 to 196.70): E
60000 Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





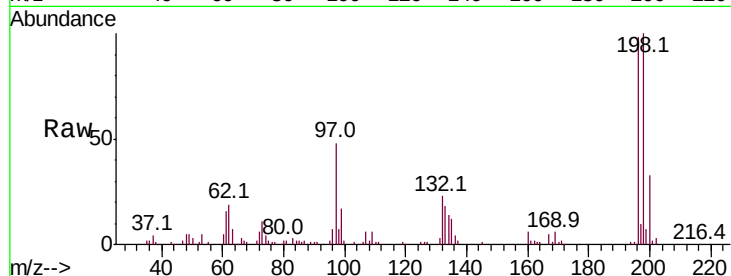
#43
 2,4,5-Trichlorophenol
 Concen: 53.160 ng
 RT: 13.16 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: BG036208.D
 Acq: 8 Aug 2018 21:51

Instrument :
 BNA_G
 ClientSampled :
 155-SOILMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	96466		
198	101.6	76.2	114.4	
97	48.9	38.7	58.1	
132	23.7	20.2	30.2	

Manual Integrations
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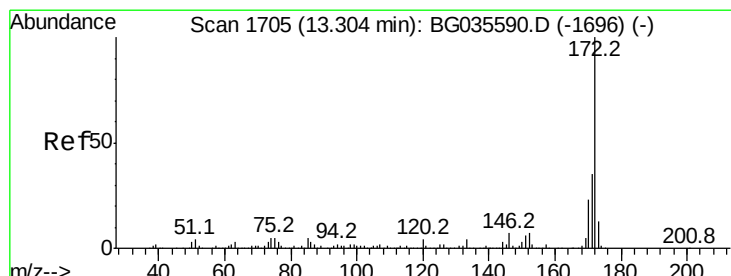
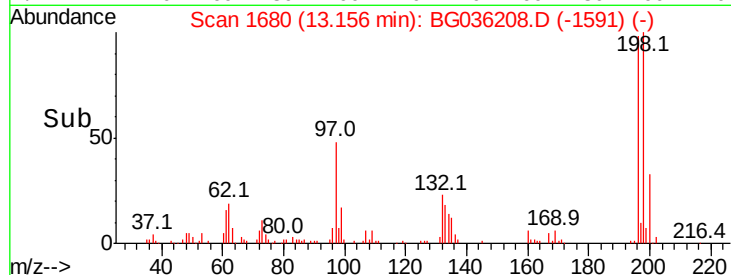
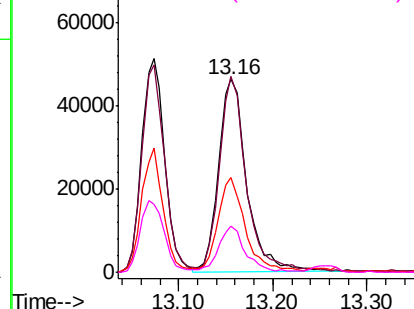
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

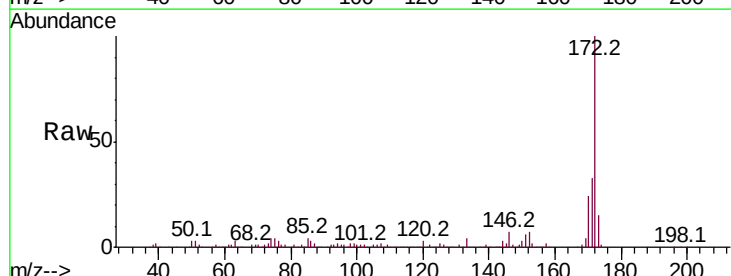
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 94.169 ng
 RT: 13.26 min Scan# 1697
 Delta R.T. -0.02 min
 Lab File: BG036208.D
 Acq: 8 Aug 2018 21:51

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	516553		
171	33.5	30.0	45.0	
170	23.9	19.5	29.3	

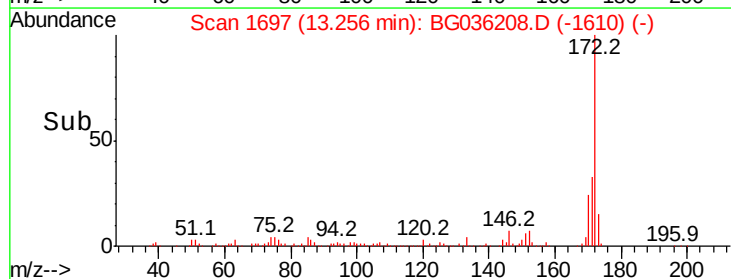
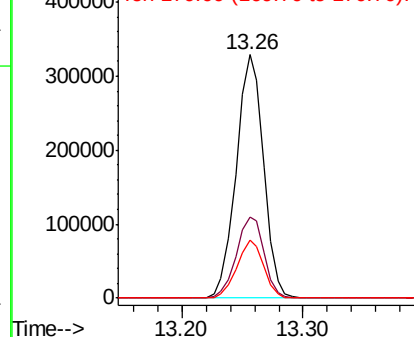


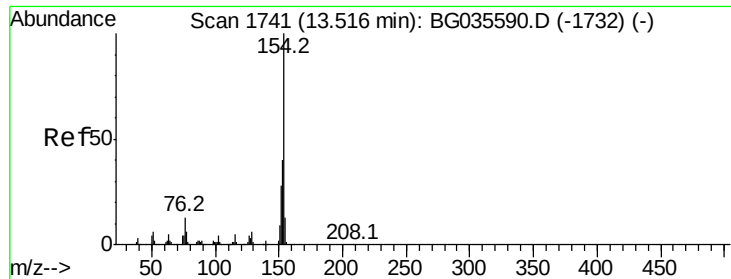
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





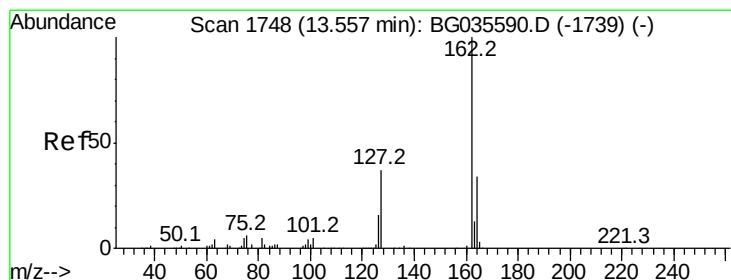
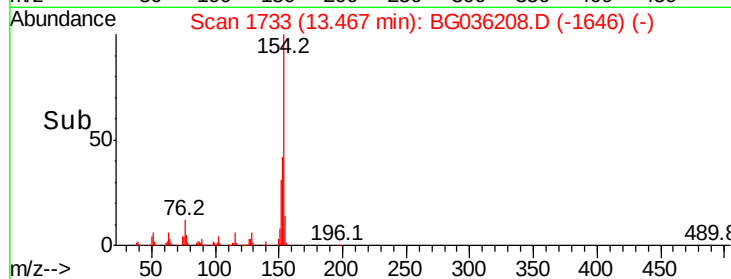
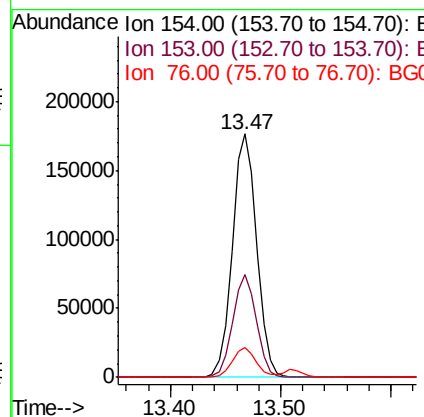
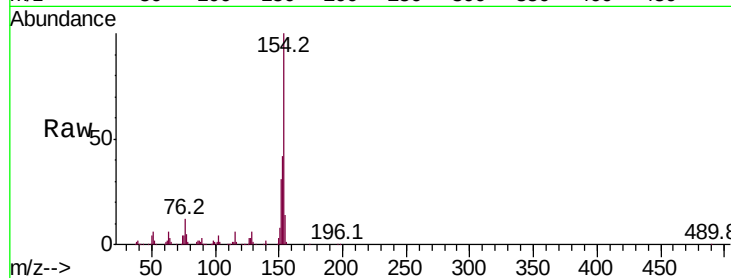
#45
 1,1'-Biphenyl
 Concen: 47.677 ng
 RT: 13.47 min Scan# 1733
 Delta R.T. -0.02 min
 Lab File: BG036208.D
 Acq: 8 Aug 2018 21:51

Instrument :
 BNA_G
 ClientSampleId :
 155-SOILMS

Tot Ion:	154	Resp:	271644
Ion Ratio	Lower	Upper	
154	100		
153	42.2	19.8	59.8
76	12.4	0.0	31.9

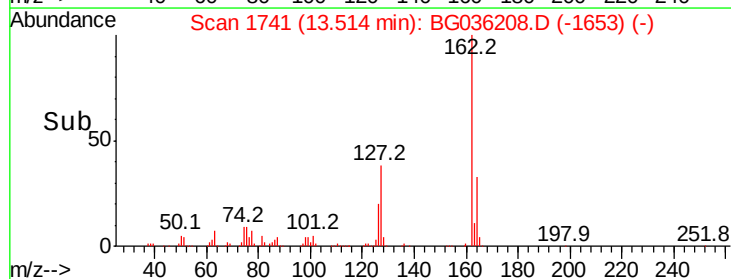
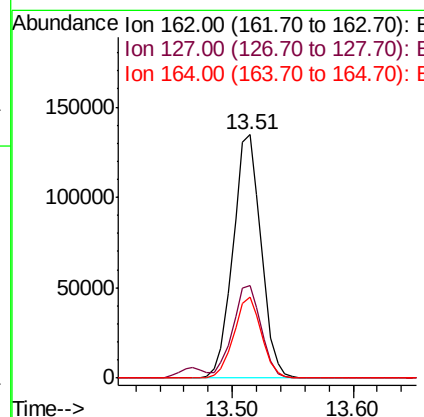
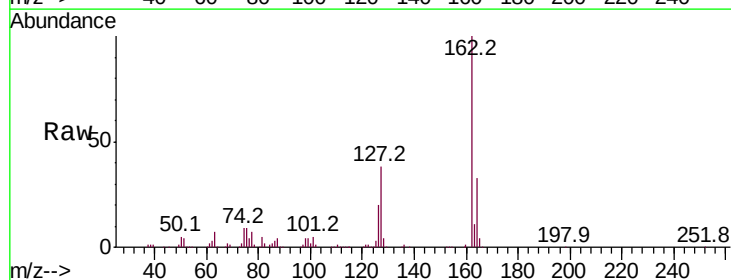
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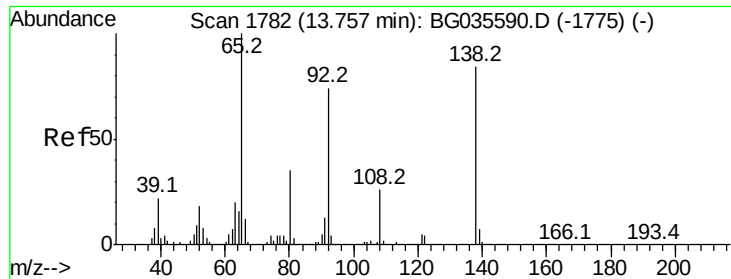
Sohil
 8/9/2018 3:17:01 PM



#46
 2-Chloronaphthalene
 Concen: 49.099 ng
 RT: 13.51 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: BG036208.D
 Acq: 8 Aug 2018 21:51

Tgt Ion:	162	Resp:	217599
Ion Ratio	Lower	Upper	
162	100		
127	37.8	30.7	46.1
164	33.3	26.0	39.0





#47

2-Nitroaniline

Concen: 47.359 ng

RT: 13.72 min Scan# 1776

Delta R.T. -0.01 min

Lab File: BG036208.D

Acq: 8 Aug 2018 21:51

Instrument :

BNA_G

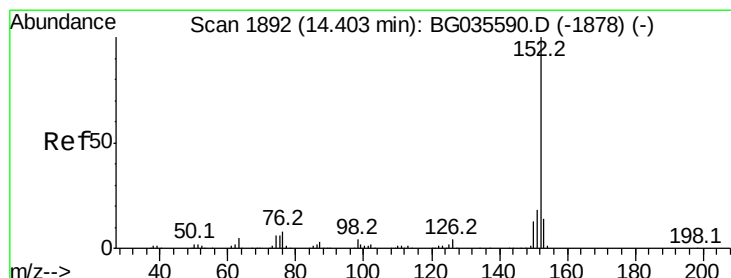
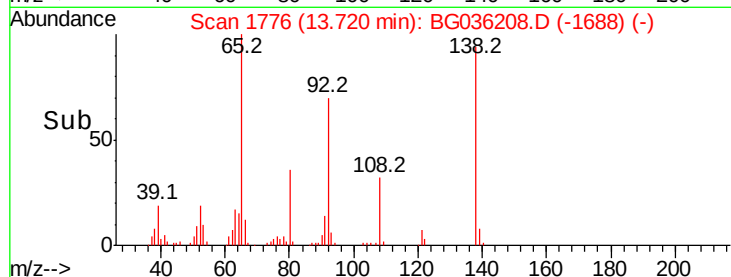
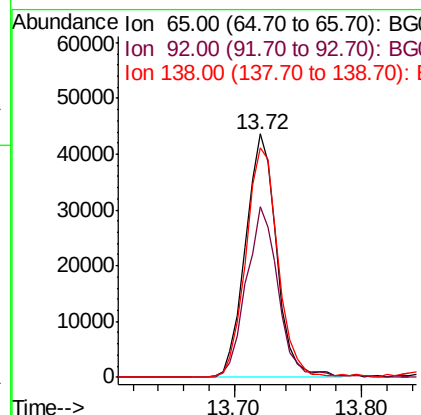
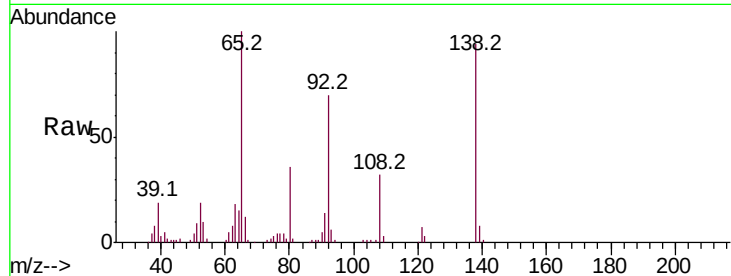
ClientSampled :

155-SOILMS

Tot Ion:	65	Resp:	74203
Ion Ratio	Lower	Upper	
65	100		
92	70.1	54.6	82.0
138	94.1	72.9	109.3

Manual Integrations
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8/9/2018 3:17:01 PM



#48

Acenaphthylene

Concen: 49.569 ng

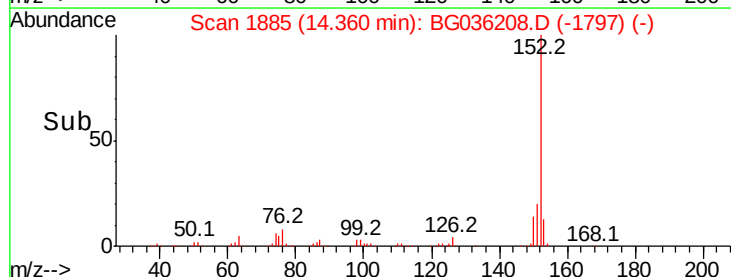
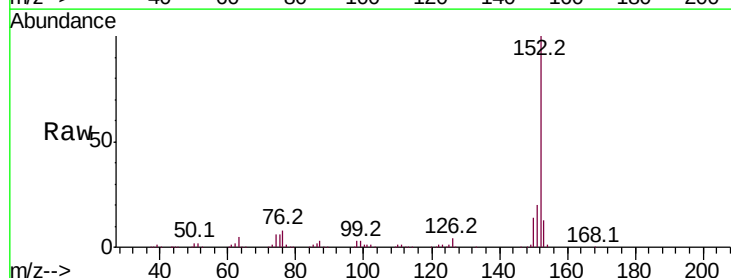
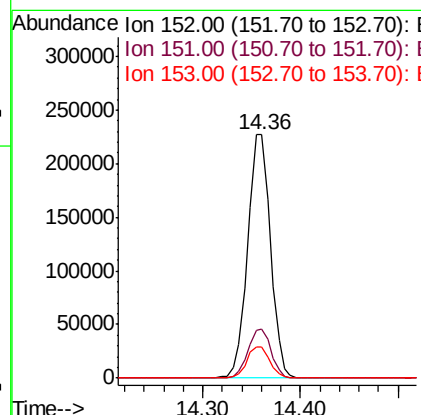
RT: 14.36 min Scan# 1885

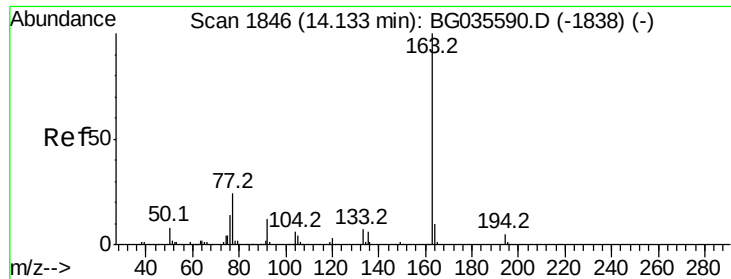
Delta R.T. -0.01 min

Lab File: BG036208.D

Acq: 8 Aug 2018 21:51

Tgt Ion:	152	Resp:	367996
Ion Ratio	Lower	Upper	
152	100		
151	19.9	17.2	25.8
153	13.0	10.2	15.4





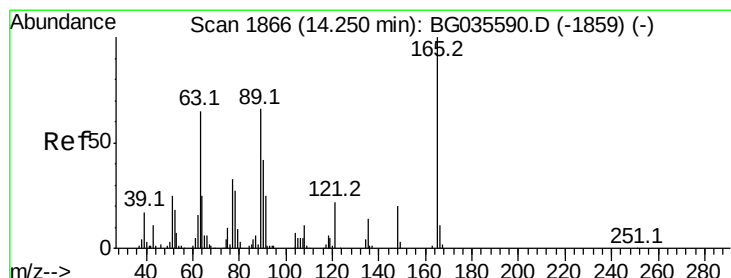
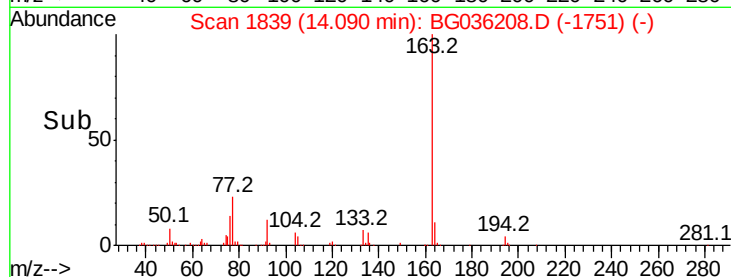
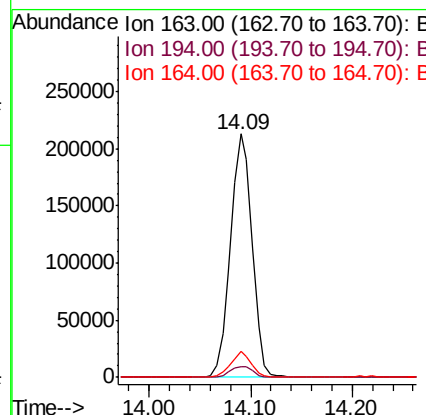
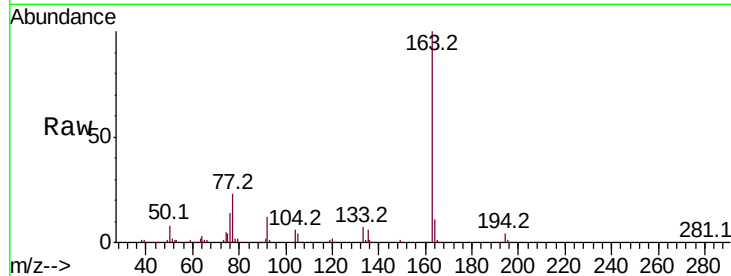
#49
 Dimethylphthalate
 Concen: 48.825 ng
 RT: 14.09 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BG036208.D
 Acq: 8 Aug 2018 21:51

Instrument :
 BNA_G
 ClientSampleId :
 155-SOILMS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	314374		
194	4.5	3.4	5.2	
164	10.8	8.2	12.4	

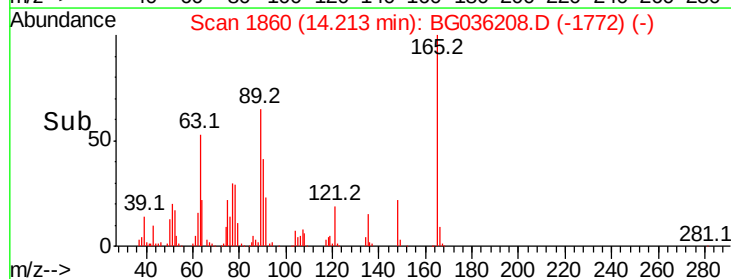
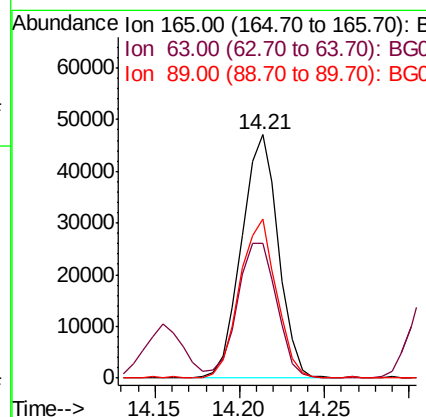
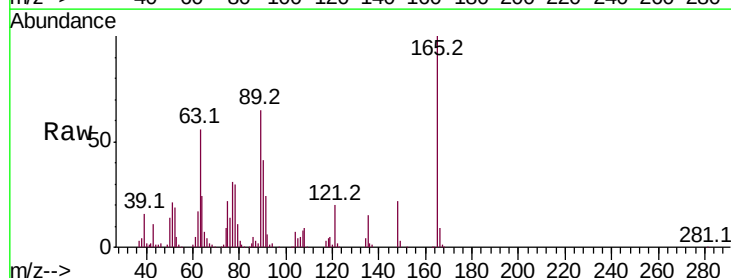
Manual Integrations
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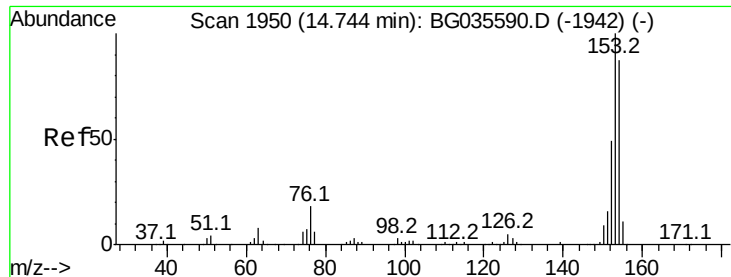
Sohil
 8/9/2018 3:17:01 PM



#50
 2,6-Dinitrotoluene
 Concen: 54.399 ng
 RT: 14.21 min Scan# 1860
 Delta R.T. -0.01 min
 Lab File: BG036208.D
 Acq: 8 Aug 2018 21:51

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	71327		
63	55.6	52.7	79.1	
89	65.3	49.2	73.8	





#51

Acenaphthene

Concen: 46.222 ng

RT: 14.70 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BG036208.D

Acq: 8 Aug 2018 21:51

Instrument :

BNA_G

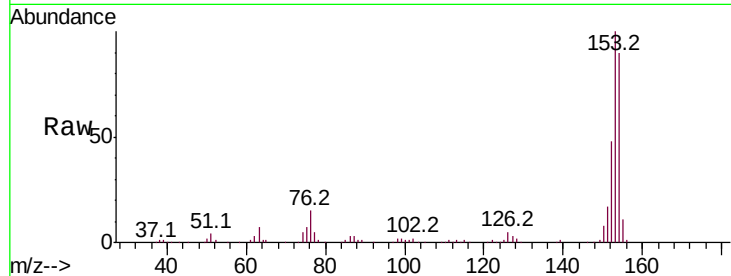
ClientSampled :

155-SOILMS

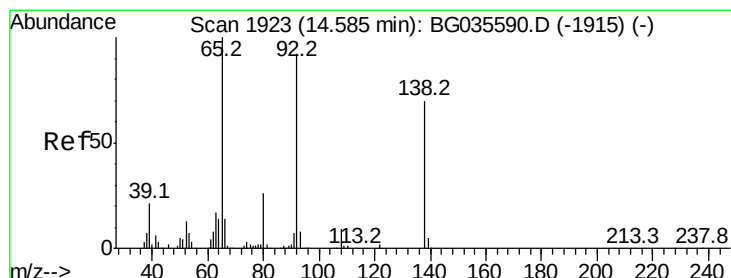
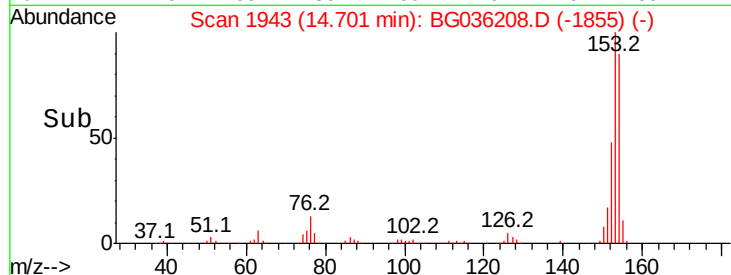
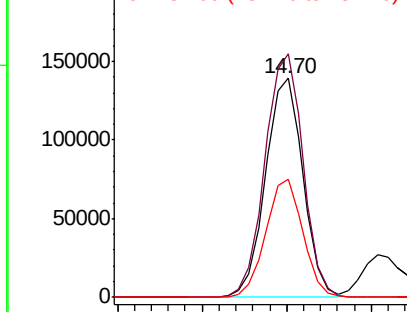
Tot Ion:	154	Resp:	213757
Ion Ratio	Lower	Upper	
154	100		
153	111.2	90.4	135.6
152	53.8	41.6	62.4

Manual Integrations
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 15.528 ng

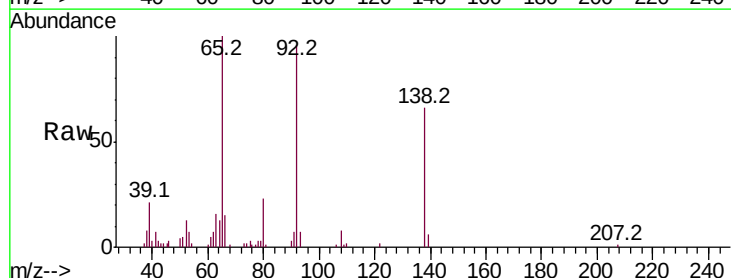
RT: 14.55 min Scan# 1917

Delta R.T. -0.01 min

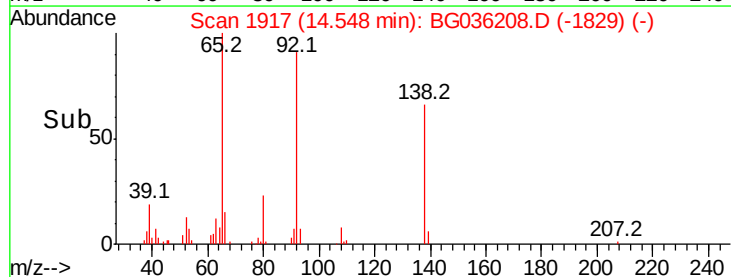
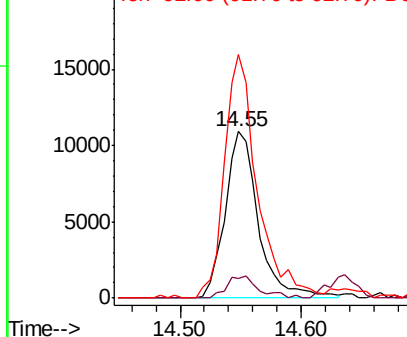
Lab File: BG036208.D

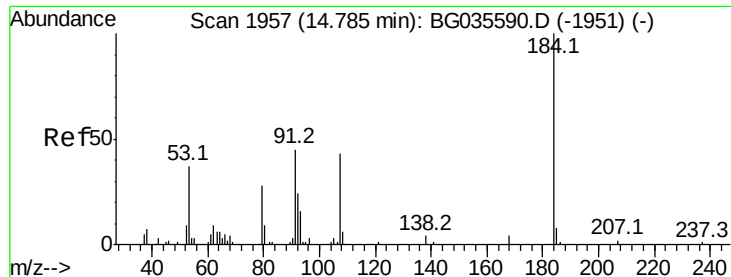
Acq: 8 Aug 2018 21:51

Tgt Ion:	138	Resp:	20810
Ion Ratio	Lower	Upper	
138	100		
108	11.5	17.5	26.3#
92	146.4	105.8	158.8



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC





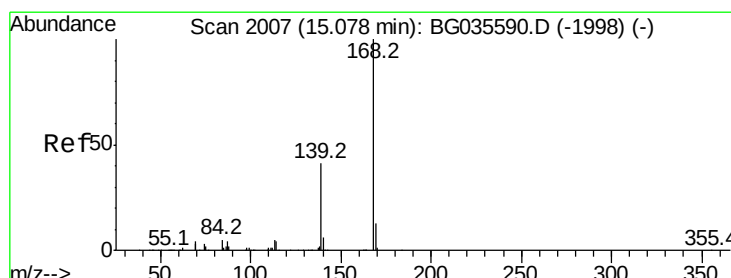
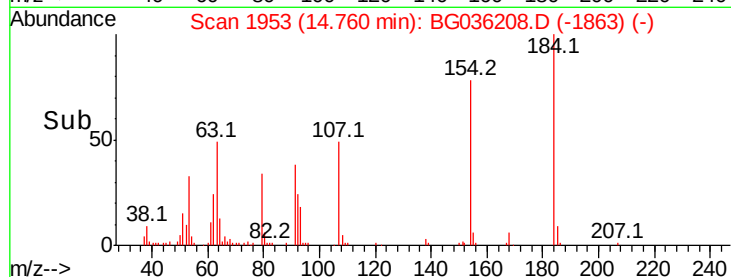
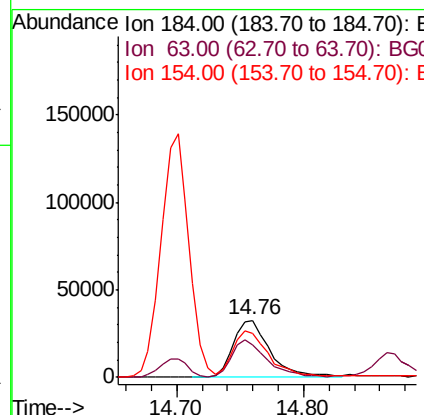
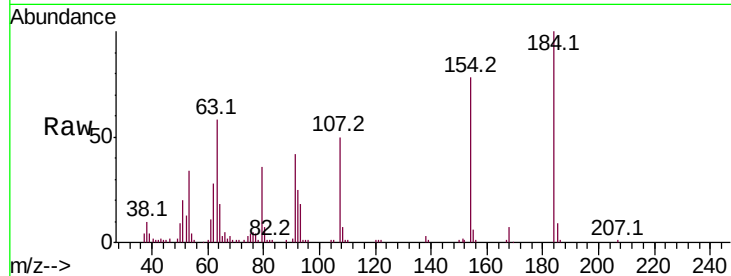
#53
2,4-Dinitrophenol
Concen: 95.948 ng
RT: 14.76 min Scan# 1953
Delta R.T. -0.00 min
Lab File: BG036208.D
Acq: 8 Aug 2018 21:51

Instrument :
BNA_G
ClientSampled :
155-SOILMS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	57.8	59.8	89.8#	
154	77.8	101.8	152.8#	

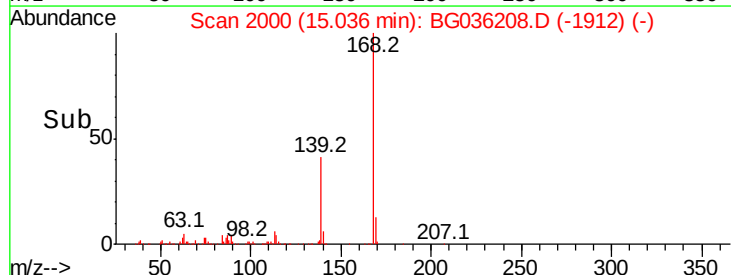
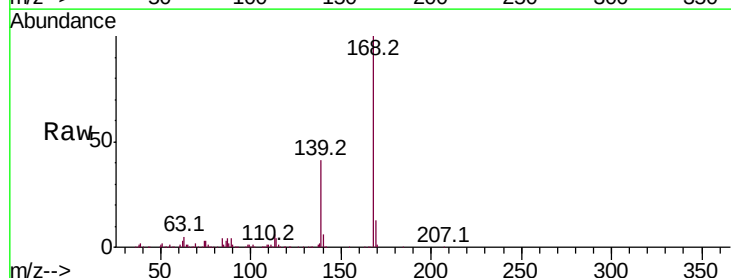
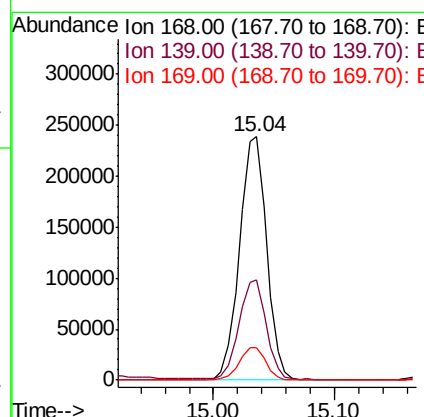
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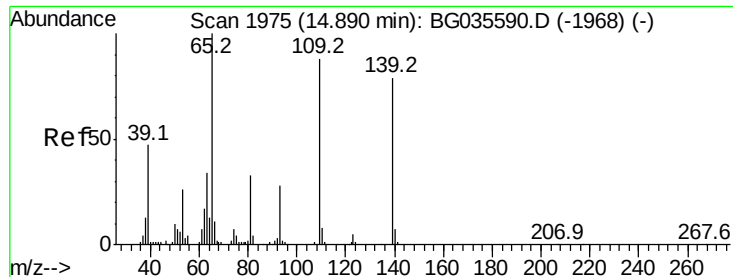
Sohil
8/9/2018 3:17:01 PM



#54
Dibenzofuran
Concen: 50.892 ng
RT: 15.04 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BG036208.D
Acq: 8 Aug 2018 21:51

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	41.0	28.6	43.0	
169	13.3	11.2	16.8	





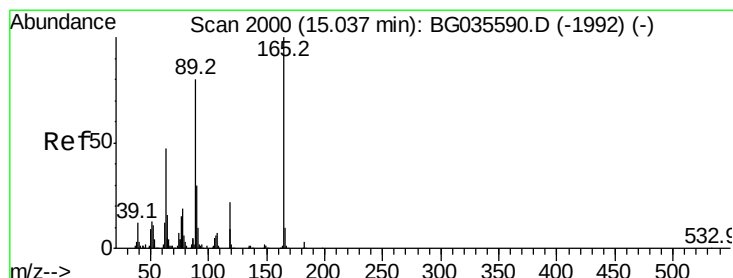
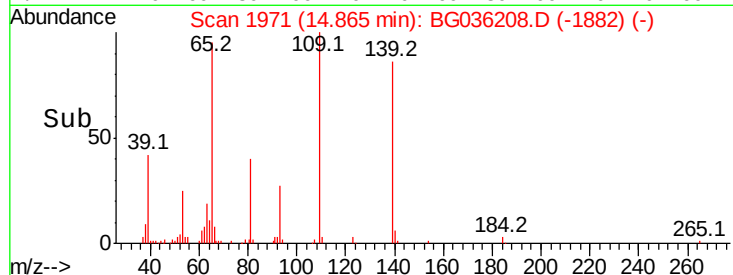
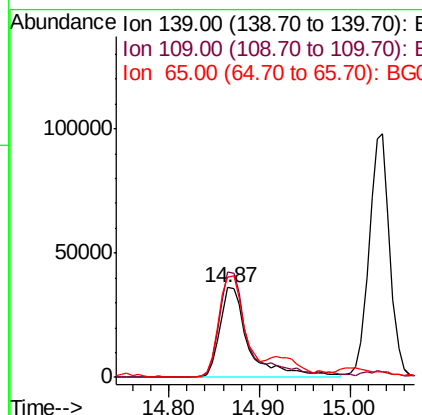
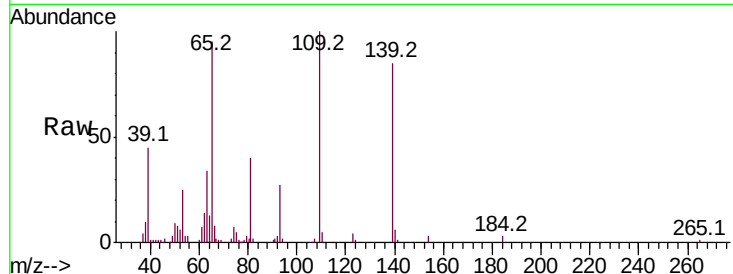
#55
4-Nitrophenol
Concen: 84.849 ng
RT: 14.87 min Scan# 1971
Delta R.T. -0.01 min
Lab File: BG036208.D
Acq: 8 Aug 2018 21:51

Instrument :
BNA_G
ClientSampled :
155-SOILMS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	117.3	62.2	102.2#	
65	110.9	97.2	137.2	

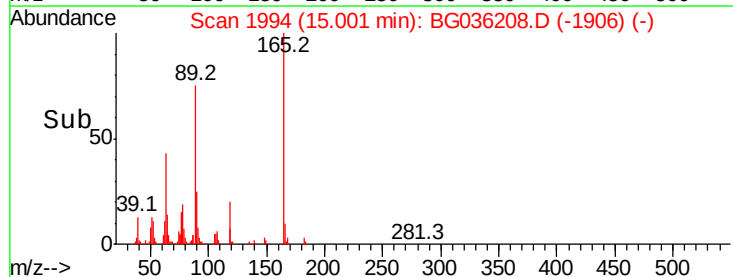
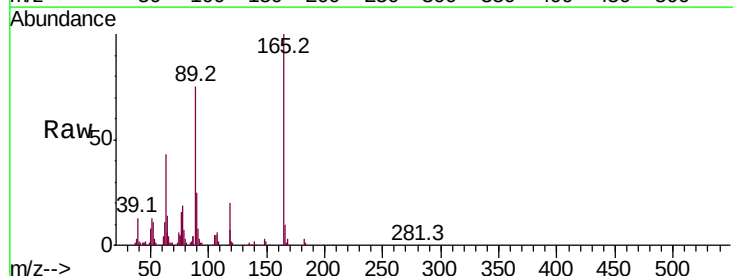
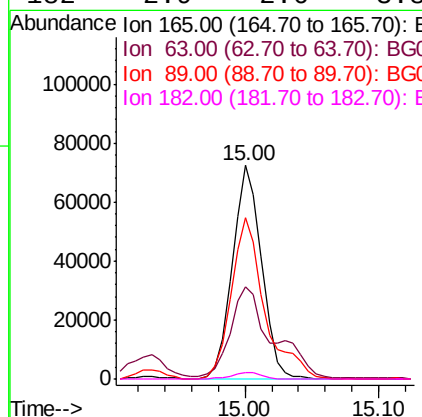
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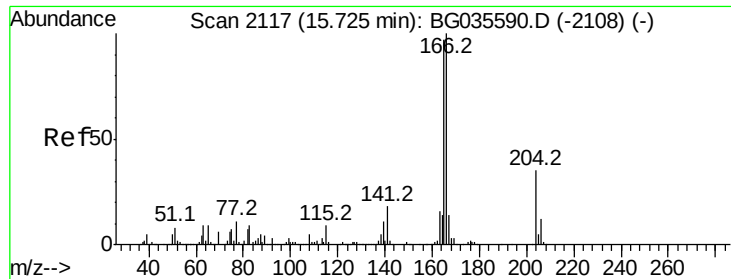
Sohil
8/9/2018 3:17:01 PM



#56
2,4-Dinitrotoluene
Concen: 58.694 ng
RT: 15.00 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BG036208.D
Acq: 8 Aug 2018 21:51

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	43.3	42.0	63.0	
89	75.5	66.9	100.3	
182	2.9	2.6	3.8	





#57

Fluorene

Concen: 50.634 ng

RT: 15.68 min Scan# 2110

Delta R.T. -0.01 min

Lab File: BG036208.D

Acq: 8 Aug 2018 21:51

Instrument :

BNA_G

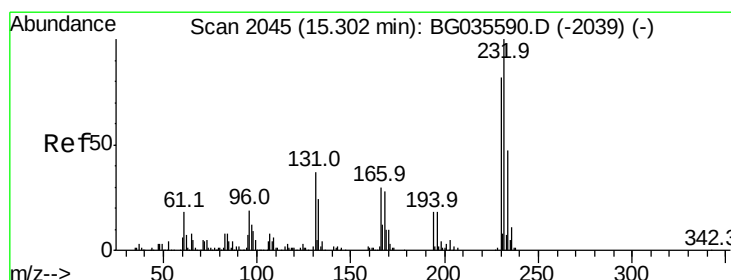
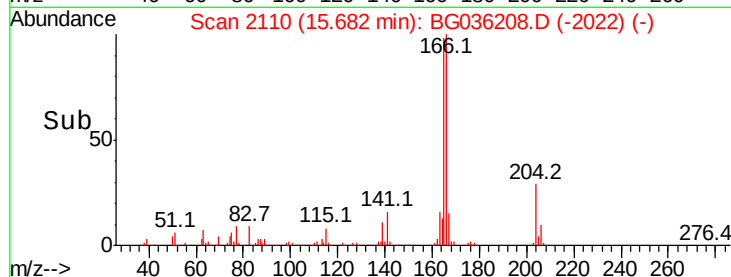
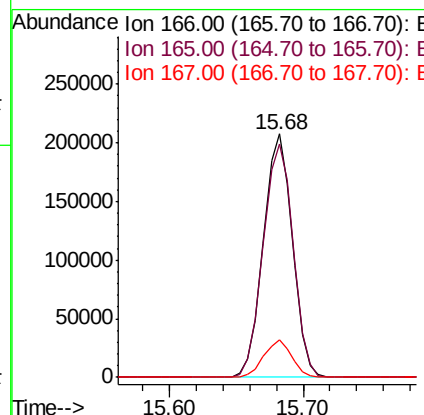
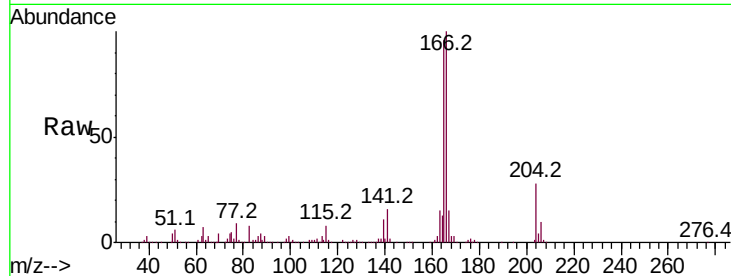
ClientSampled :

155-SOILMS

Tot Ion:	166	Resp:	312127
Ion Ratio	Lower	Upper	
166	100		
165	96.0	80.6	121.0
167	15.2	10.4	15.6

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 60.007 ng

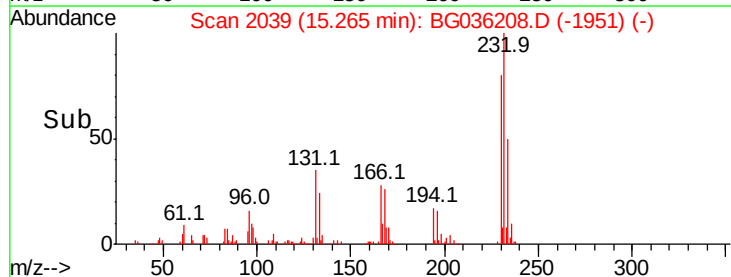
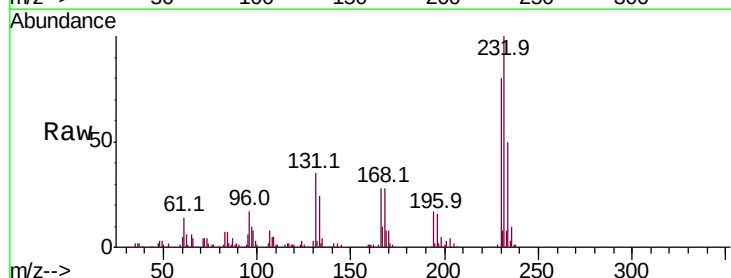
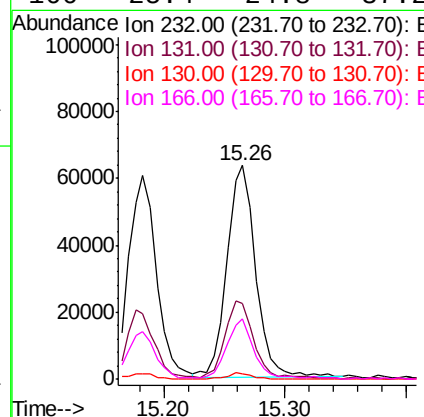
RT: 15.26 min Scan# 2039

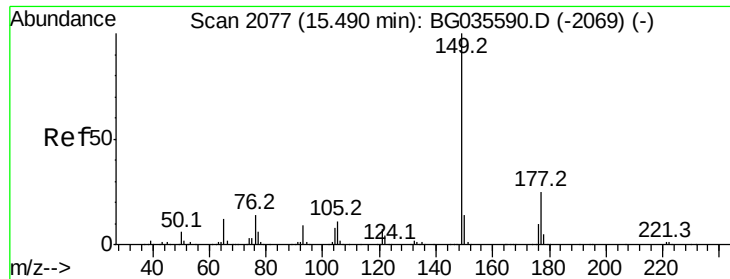
Delta R.T. -0.01 min

Lab File: BG036208.D

Acq: 8 Aug 2018 21:51

Tgt Ion:	232	Resp:	104405
Ion Ratio	Lower	Upper	
232	100		
131	37.2	33.5	50.3
130	2.4	2.2	3.2
166	25.4	24.8	37.2





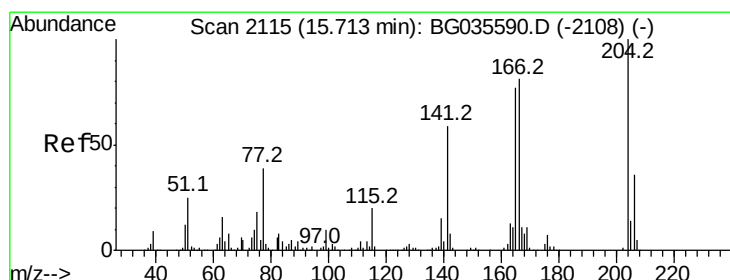
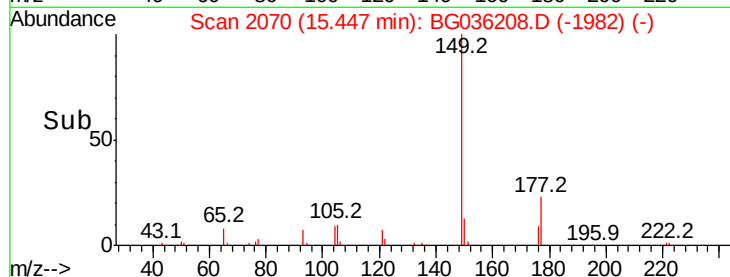
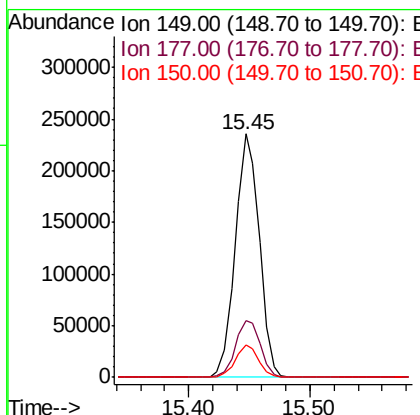
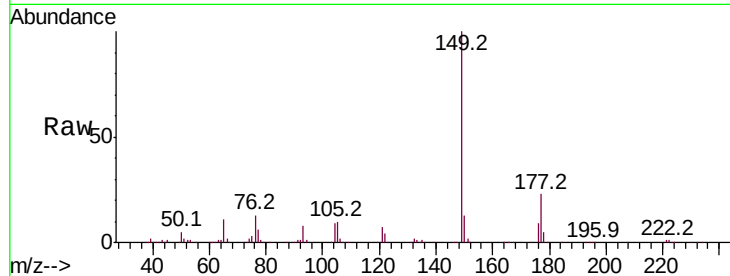
#59
Diethylphthalate
Concen: 49.230 ng
RT: 15.45 min Scan# 2070
Delta R.T. -0.01 min
Lab File: BG036208.D
Acq: 8 Aug 2018 21:51

Instrument :
BNA_G
ClientSampled :
155-SOILMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	325937		
177	23.4	18.5	27.7	
150	13.3	10.2	15.2	

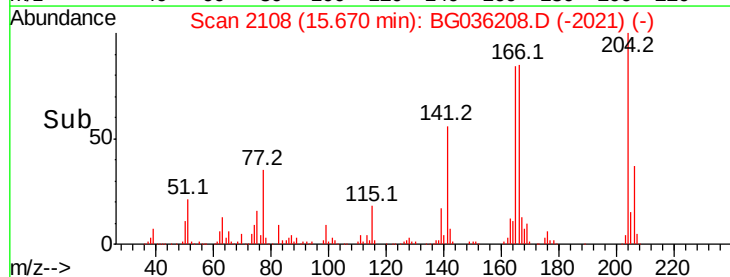
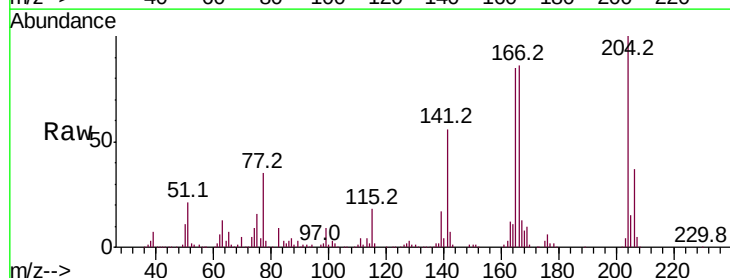
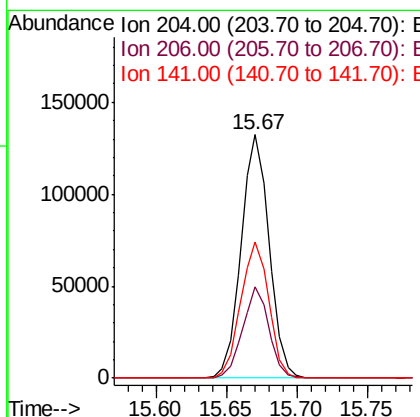
Manual Integrations
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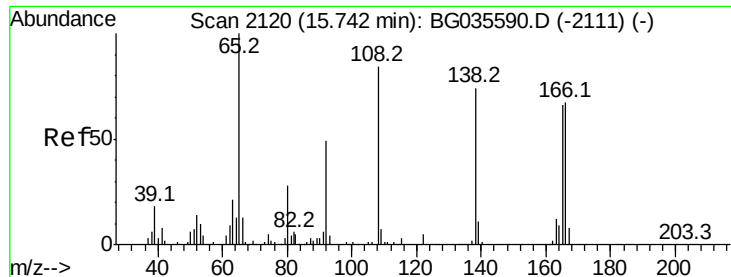
Sohil
8/9/2018 3:17:01 PM



#60
4-Chlorophenyl-phenylether
Concen: 50.565 ng
RT: 15.67 min Scan# 2108
Delta R.T. -0.02 min
Lab File: BG036208.D
Acq: 8 Aug 2018 21:51

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	183203		
206	37.4	26.2	39.2	
141	55.8	45.8	68.6	





#61

4-Nitroaniline

Concen: 42.863 ng

RT: 15.71 min Scan# 2115

Delta R.T. -0.01 min

Lab File: BG036208.D

Acq: 8 Aug 2018 21:51

Instrument :

BNA_G

ClientSampleId :

155-SOILMS

Tot Ion:138 Resp: 60087

Ion Ratio Lower Upper

138 100

92 63.7 40.1 80.1

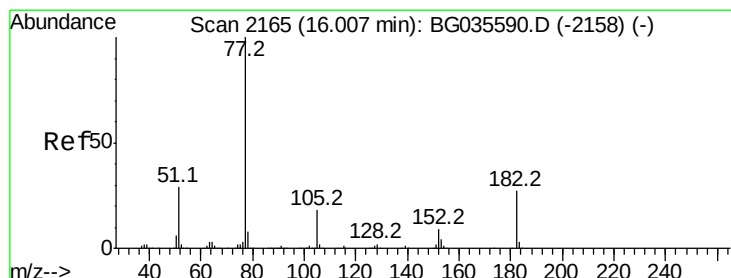
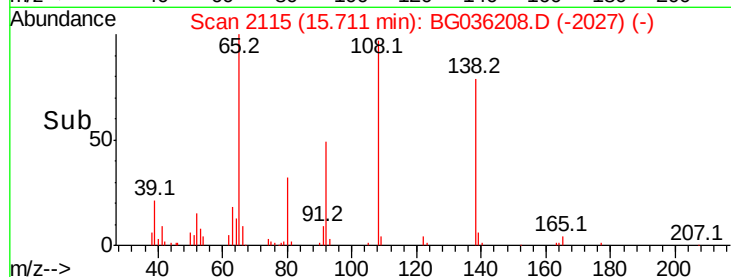
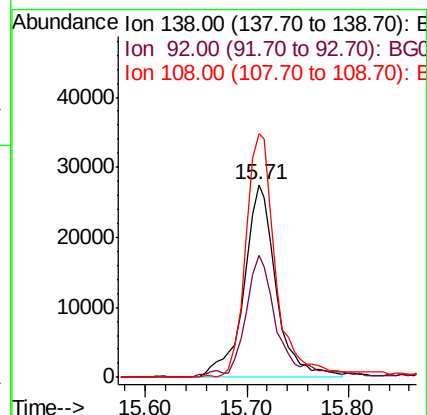
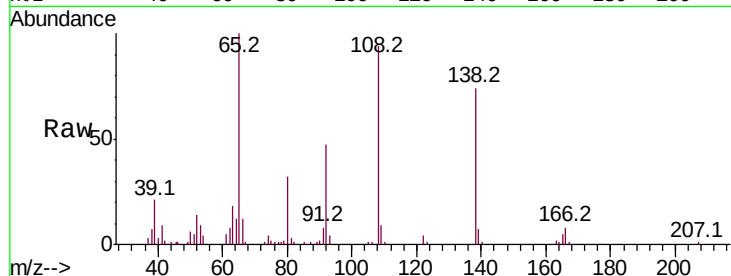
108 126.6 65.4 105.4#

Manual Integrations

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Sohil

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#62

Azobenzene

Concen: 50.418 ng

RT: 15.96 min Scan# 2158

Delta R.T. -0.01 min

Lab File: BG036208.D

Acq: 8 Aug 2018 21:51

Tgt Ion: 77 Resp: 329259

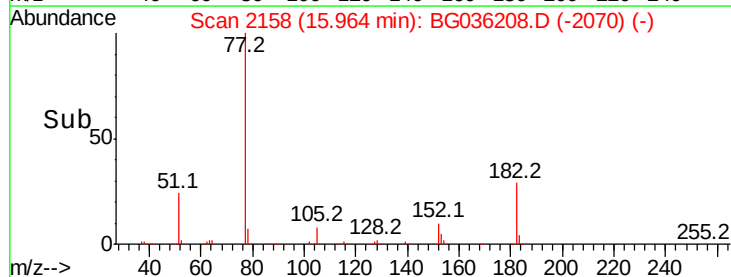
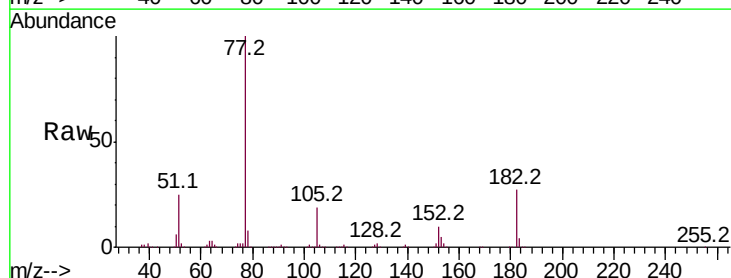
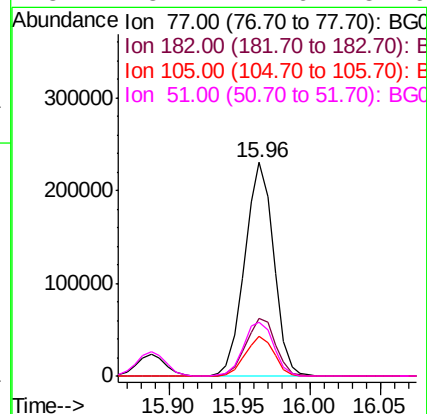
Ion Ratio Lower Upper

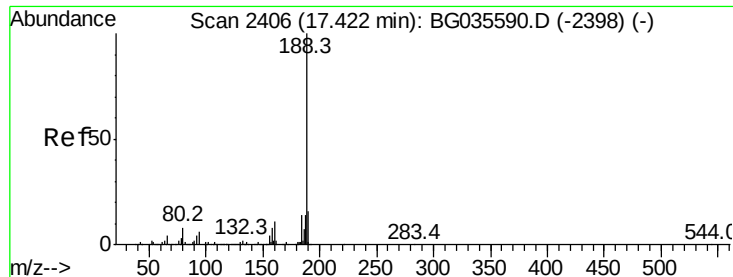
77 100

182 26.9 7.4 47.4

105 18.6 0.3 40.3

51 25.4 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.38 min Scan# 2399

Delta R.T. -0.01 min

Lab File: BG036208.D

Acq: 8 Aug 2018 21:51

Instrument :

BNA_G

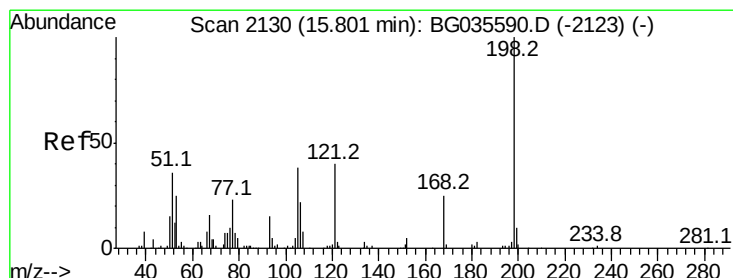
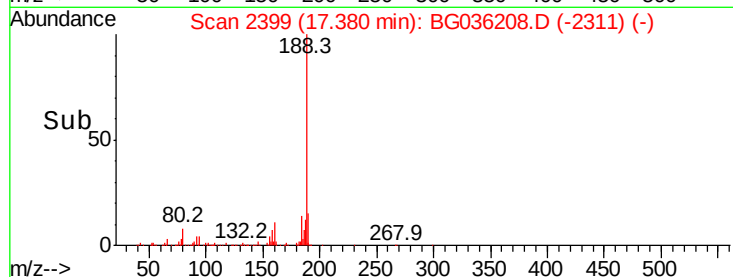
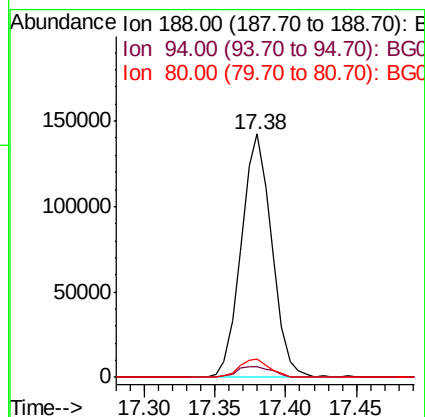
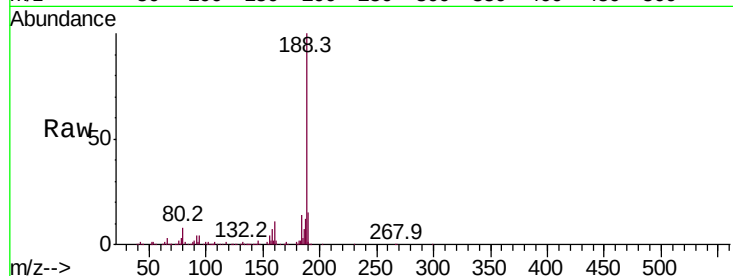
ClientSampleId :

155-SOILMS

Tot Ion:	188	Resp:	215034
Ion Ratio	Lower	Upper	
188	100		
94	4.3	6.9	10.3#
80	7.7	7.7	11.5

Manual Integrations
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#64

4,6-Dinitro-2-methylphenol

Concen: 50.914 ng

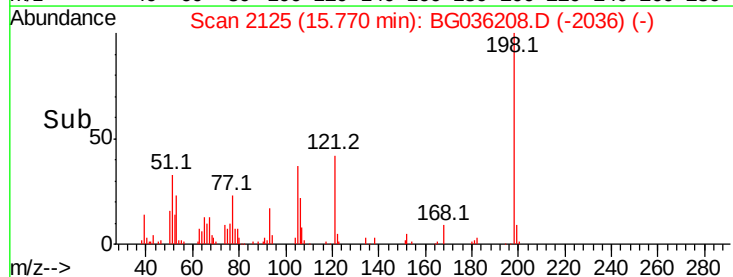
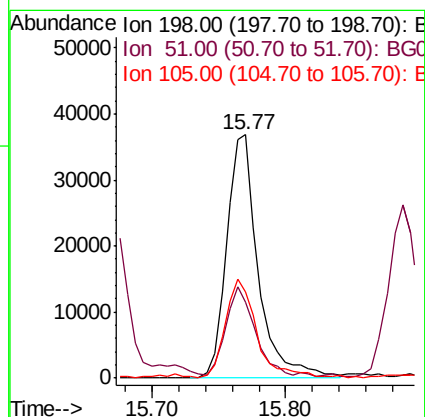
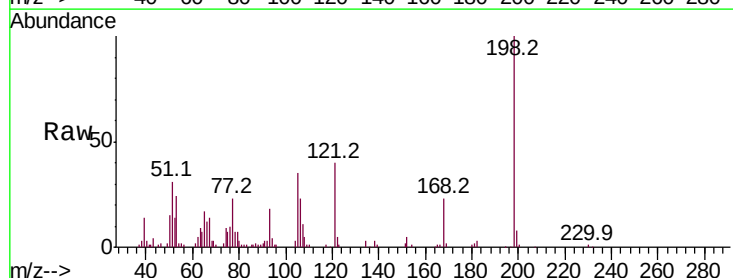
RT: 15.77 min Scan# 2125

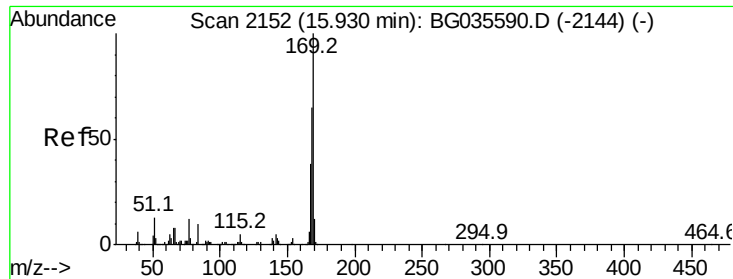
Delta R.T. -0.01 min

Lab File: BG036208.D

Acq: 8 Aug 2018 21:51

Tgt Ion:	198	Resp:	60945
Ion Ratio	Lower	Upper	
198	100		
51	31.4	30.6	70.6
105	35.3	23.8	63.8





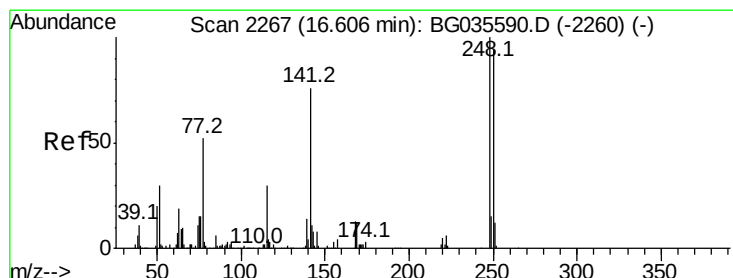
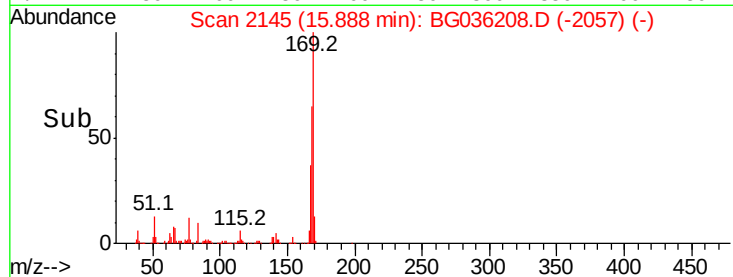
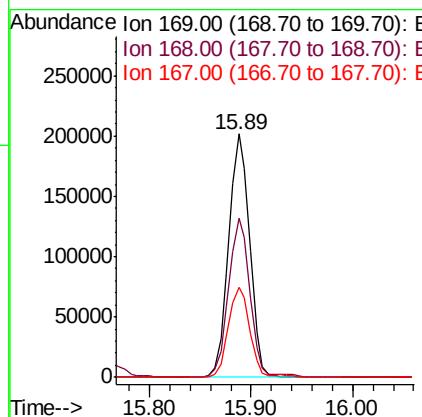
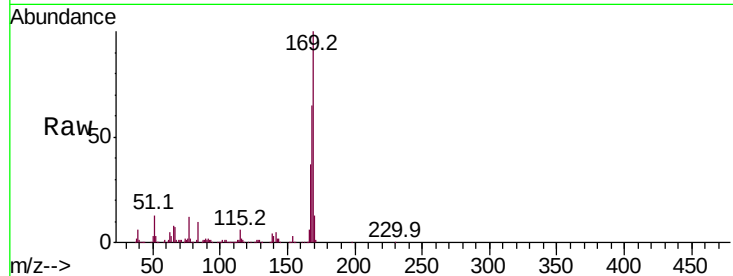
#65
 n-Nitrosodiphenylamine
 Concen: 47.272 ng
 RT: 15.89 min Scan# 2145
 Delta R.T. -0.01 min
 Lab File: BG036208.D
 Acq: 8 Aug 2018 21:51

Instrument :
 BNA_G
 ClientSampleId :
 155-SOILMS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	289333		
168	65.3		55.7	83.5
167	37.2		30.1	45.1

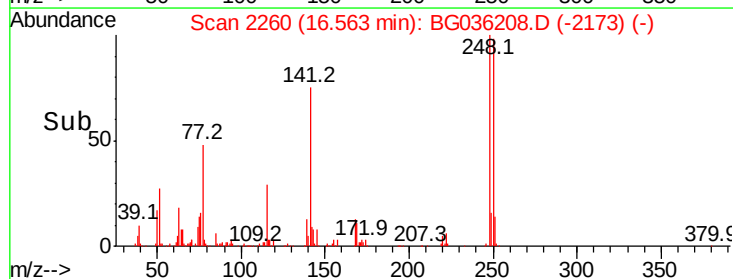
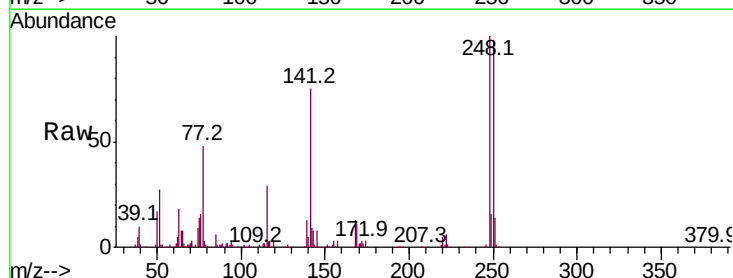
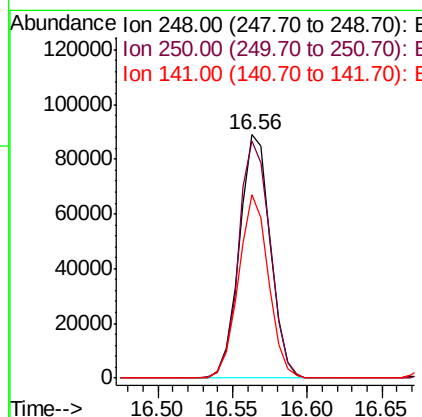
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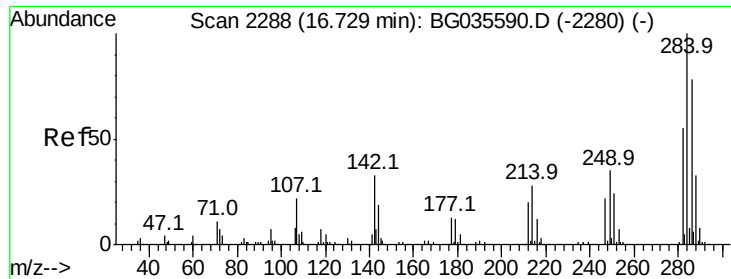
Sohil
 8/9/2018 3:17:01 PM



#66
 4-Bromophenyl-phenylether
 Concen: 51.444 ng
 RT: 16.56 min Scan# 2260
 Delta R.T. -0.02 min
 Lab File: BG036208.D
 Acq: 8 Aug 2018 21:51

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	128341		
250	97.6		77.1	115.7
141	75.5		50.8	76.2





#67

Hexachlorobenzene

Concen: 51.869 ng

RT: 16.69 min Scan# 2281

Delta R.T. -0.01 min

Lab File: BG036208.D

Acq: 8 Aug 2018 21:51

Instrument :

BNA_G

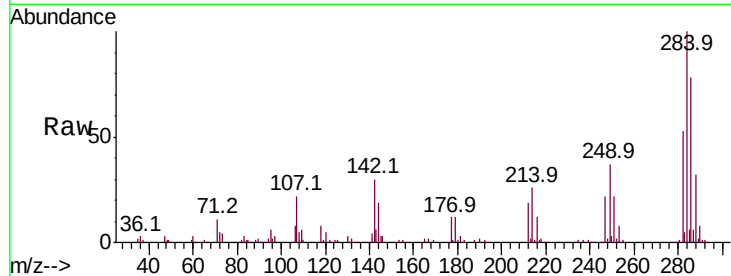
ClientSampled :

155-SOILMS

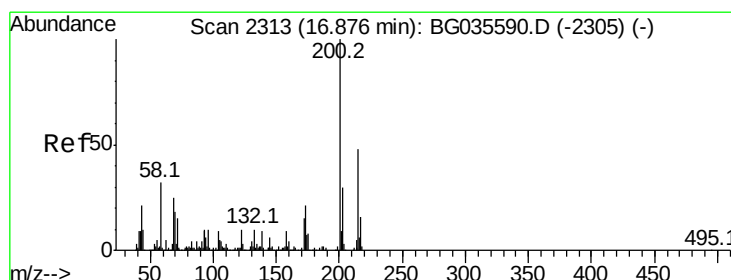
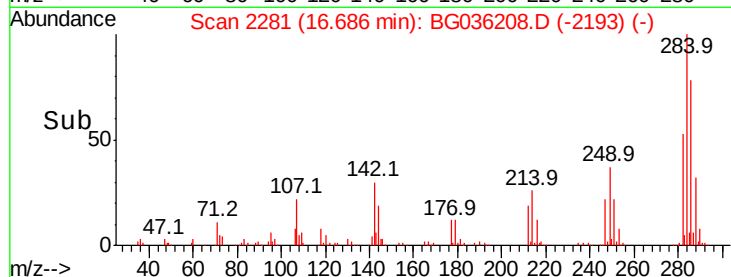
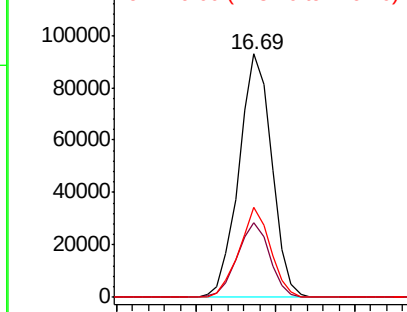
Tot Ion:	284	Resp:	133258
Ion Ratio	Lower	Upper	
284	100		
142	30.5	26.8	40.2
249	37.1	26.3	39.5

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



#68

Atrazine

Concen: 54.990 ng

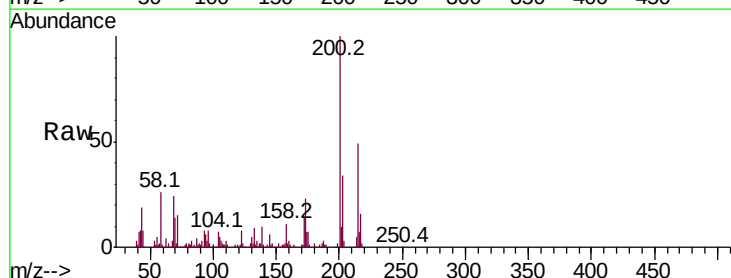
RT: 16.84 min Scan# 2307

Delta R.T. -0.01 min

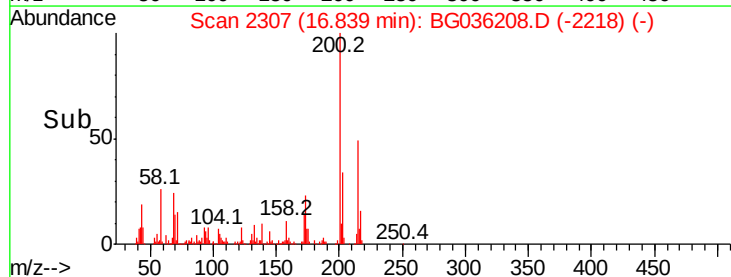
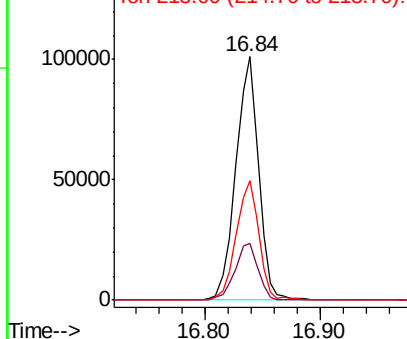
Lab File: BG036208.D

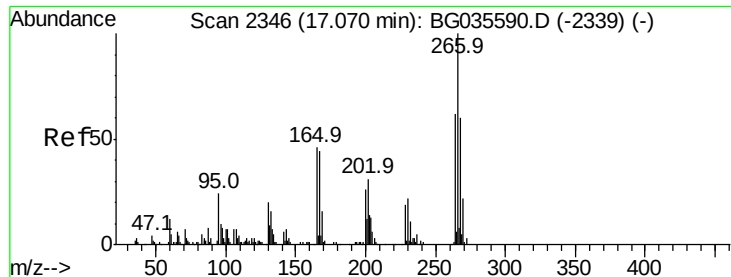
Acq: 8 Aug 2018 21:51

Tgt Ion:	200	Resp:	138577
Ion Ratio	Lower	Upper	
200	100		
173	23.1	5.2	45.2
215	49.1	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





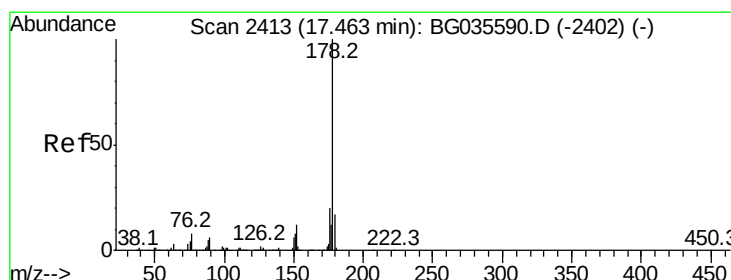
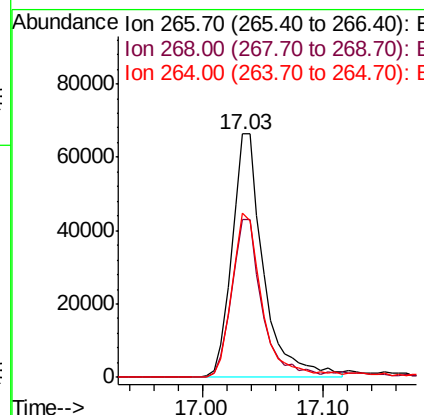
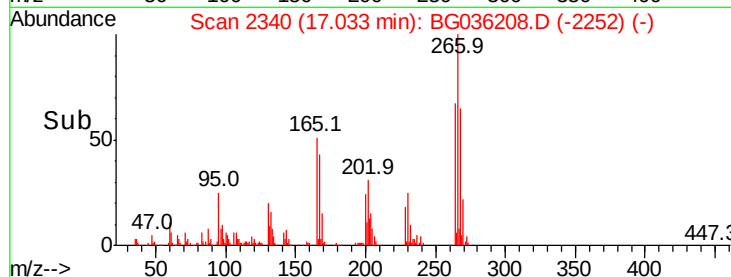
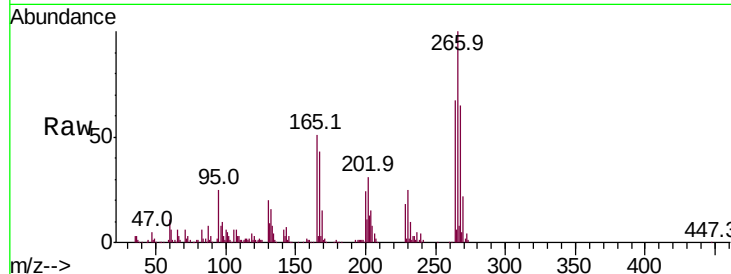
#69
 Pentachlorophenol
 Concen: 76.859 ng
 RT: 17.03 min Scan# 2340
 Delta R.T. -0.01 min
 Lab File: BG036208.D
 Acq: 8 Aug 2018 21:51

Instrument :
 BNA_G
 ClientSampled :
 155-SOILMS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	120272		
268	64.9		51.1	76.7
264	67.2		49.6	74.4

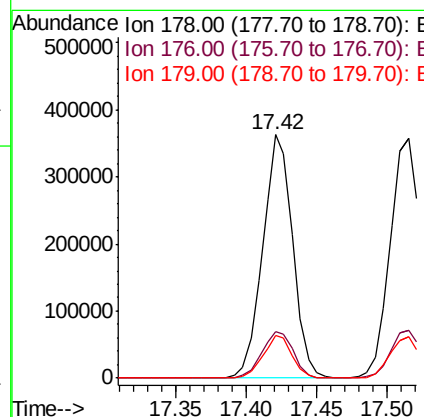
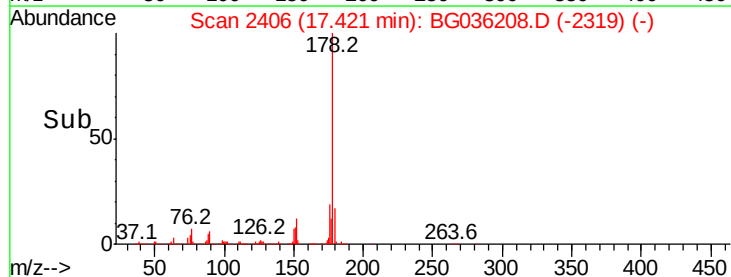
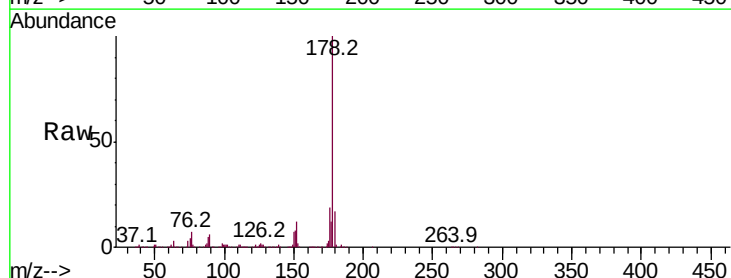
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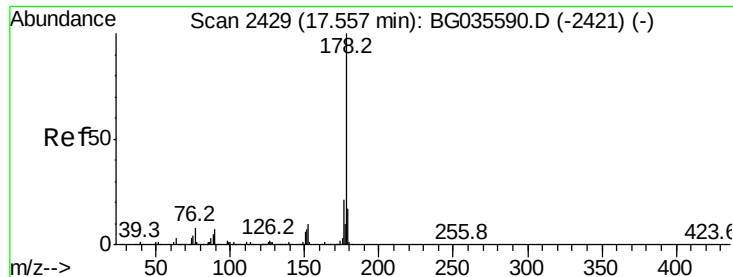
Sohil
 8/9/2018 3:17:01 PM



#70
 Phenanthrene
 Concen: 50.406 ng
 RT: 17.42 min Scan# 2406
 Delta R.T. -0.02 min
 Lab File: BG036208.D
 Acq: 8 Aug 2018 21:51

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	540842		
176	19.1		15.7	23.5
179	17.3		12.5	18.7





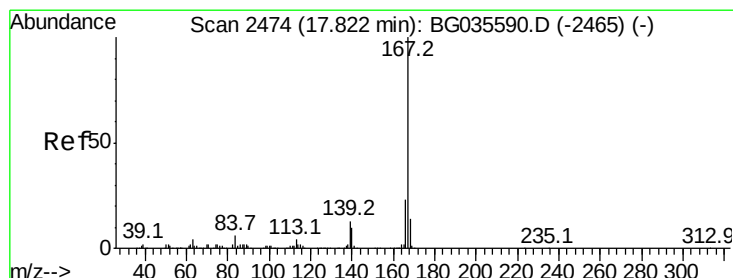
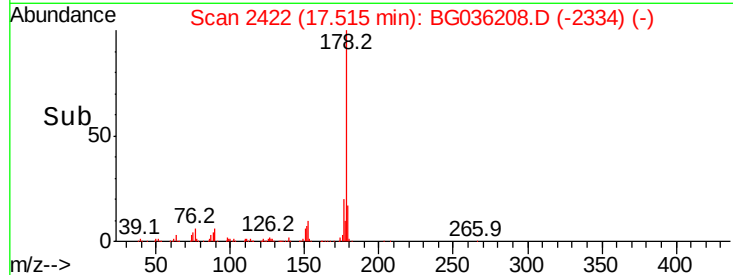
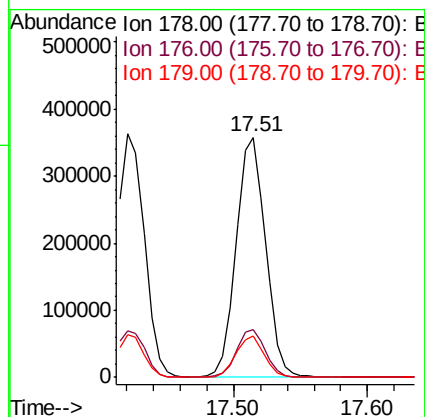
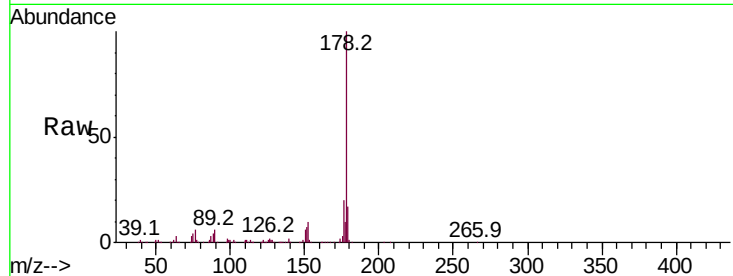
#71
 Anthracene
 Concen: 51.055 ng
 RT: 17.51 min Scan# 2422
 Delta R.T. -0.01 min
 Lab File: BG036208.D
 Acq: 8 Aug 2018 21:51

Instrument :
 BNA_G
 ClientSampleId :
 155-SOILMS

Tot Ion:	178	Resp:	545473
Ion Ratio	Lower	Upper	
178	100		
176	20.1	16.0	24.0
179	17.1	12.5	18.7

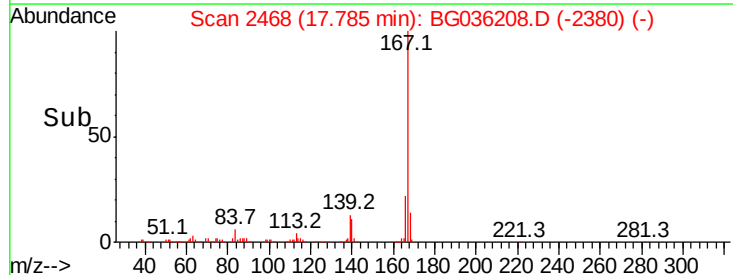
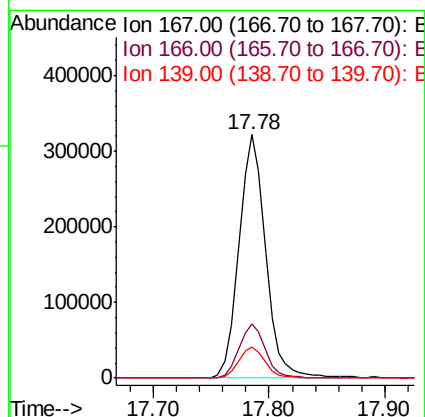
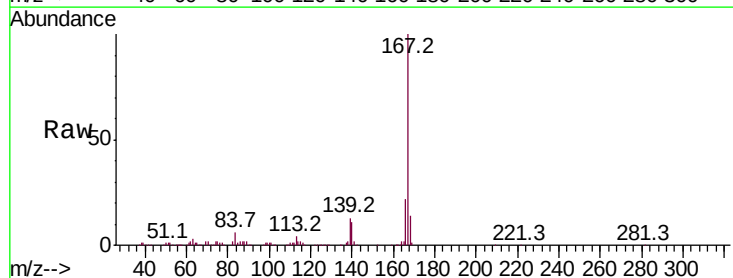
Manual Integrations
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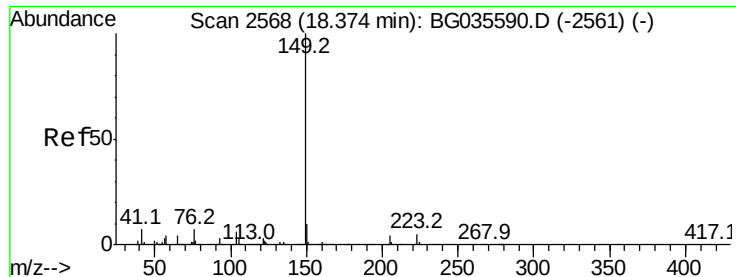
Sohil
 8/9/2018 3:17:01 PM



#72
 Carbazole
 Concen: 50.632 ng
 RT: 17.78 min Scan# 2468
 Delta R.T. -0.01 min
 Lab File: BG036208.D
 Acq: 8 Aug 2018 21:51

Tgt Ion:	167	Resp:	513731
Ion Ratio	Lower	Upper	
167	100		
166	22.2	18.2	27.4
139	12.8	9.4	14.2





#73

Di-n-butylphthalate

Concen: 49.580 ng

RT: 18.33 min Scan# 2561

Delta R.T. -0.02 min

Lab File: BG036208.D

Acq: 8 Aug 2018 21:51

Instrument :

BNA_G

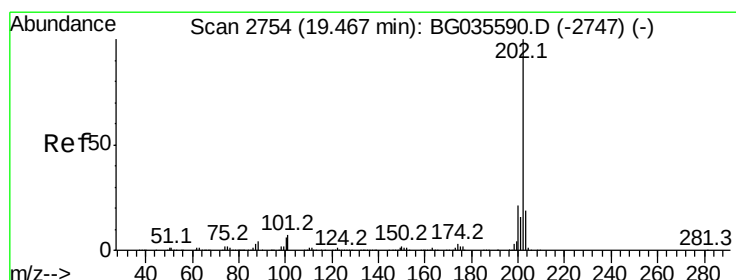
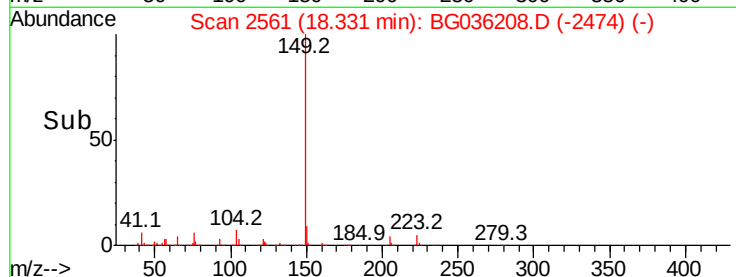
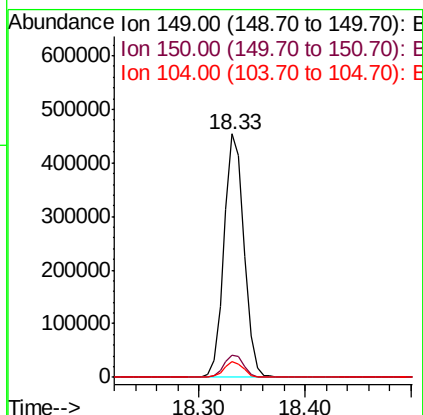
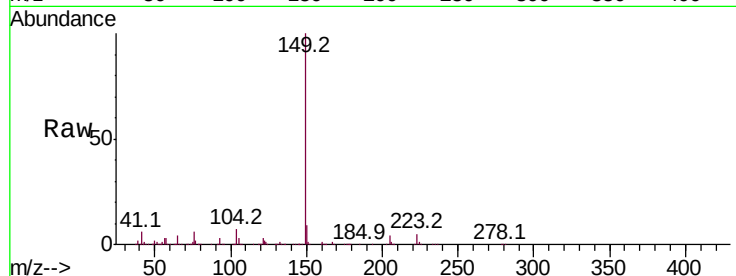
ClientSampled :

155-SOILMS

Tot Ion:	149	Resp:	594478
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.8	11.6
104	6.6	3.9	5.9#

Manual Integrations
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#74

Fluoranthene

Concen: 52.726 ng

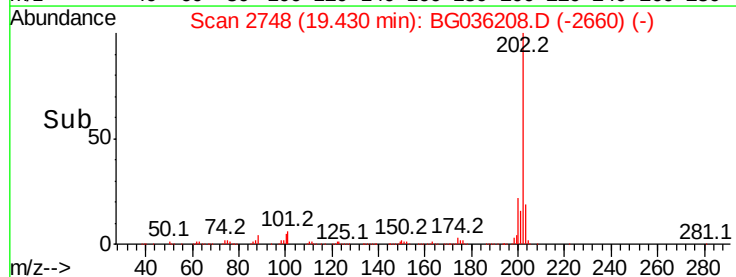
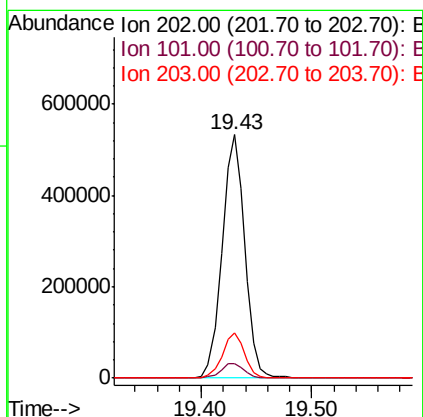
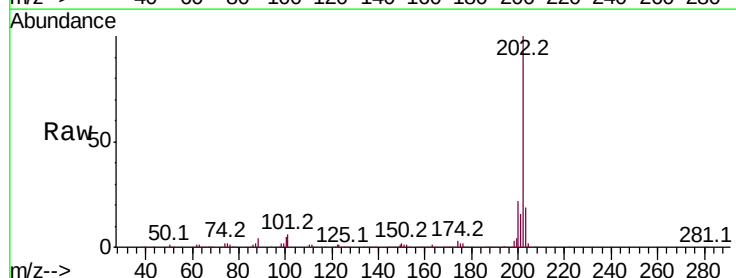
RT: 19.43 min Scan# 2748

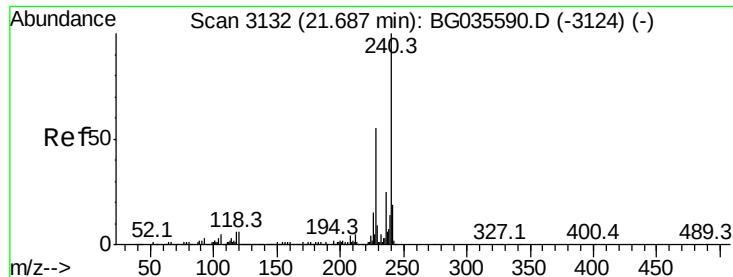
Delta R.T. -0.01 min

Lab File: BG036208.D

Acq: 8 Aug 2018 21:51

Tgt Ion:	202	Resp:	762049
Ion Ratio	Lower	Upper	
202	100		
101	6.0	0.0	28.9
203	18.8	0.0	37.5





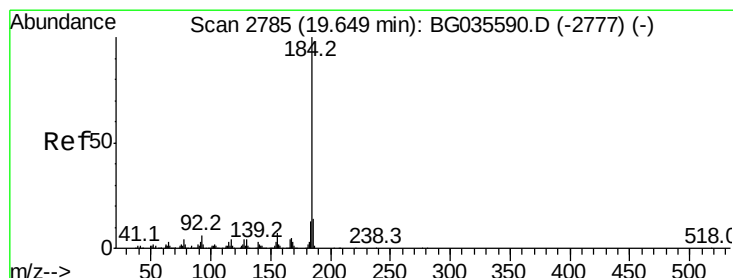
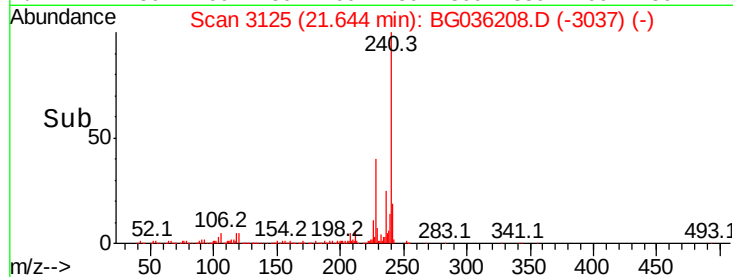
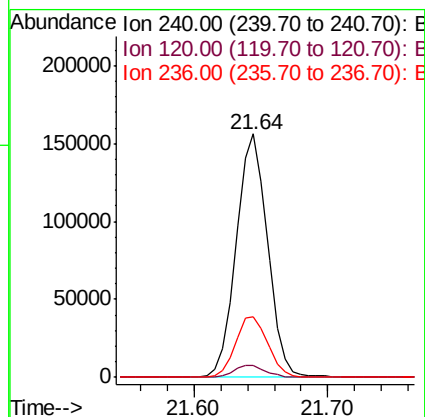
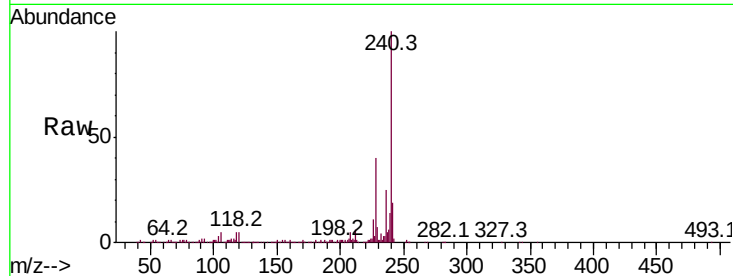
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.64 min Scan# 3125
 Delta R.T. -0.01 min
 Lab File: BG036208.D
 Acq: 8 Aug 2018 21:51

Instrument :
 BNA_G
 ClientSampled :
 155-SOILMS

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	4.6	6.8	10.2#	
236	24.9	20.9	31.3	

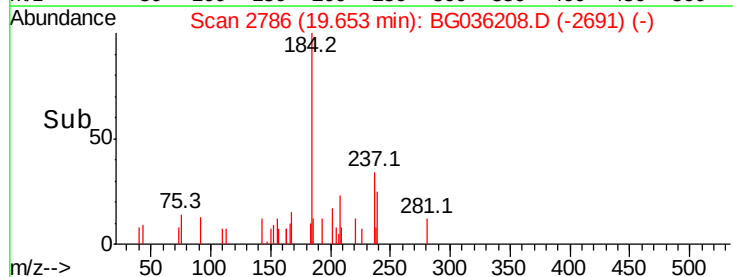
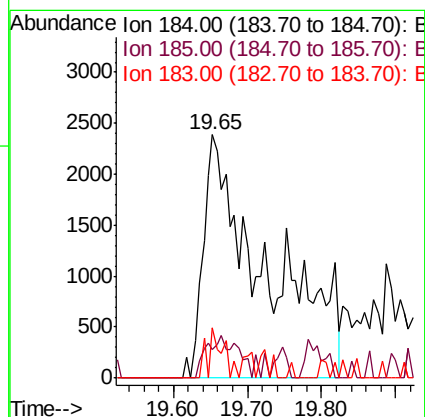
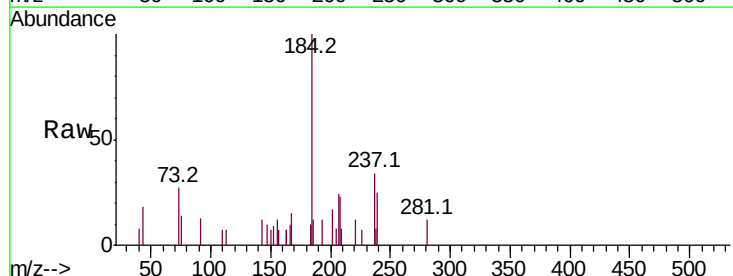
Manual Integrations
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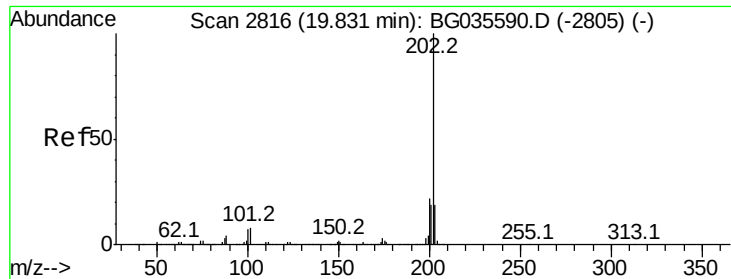
Sohil
 8/9/2018 3:17:01 PM



#76
 Benzidine
 Concen: 2.046 ng m
 RT: 19.65 min Scan# 2786
 Delta R.T. 0.03 min
 Lab File: BG036208.D
 Acq: 8 Aug 2018 21:51

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	11.6	11.1	16.7	
183	10.4	10.6	16.0#	





#77

Pvrene

Concen: 48.000 ng

RT: 19.79 min Scan# 2809

Delta R.T. -0.02 min

Lab File: BG036208.D

Acq: 8 Aug 2018 21:51

Instrument :

BNA_G

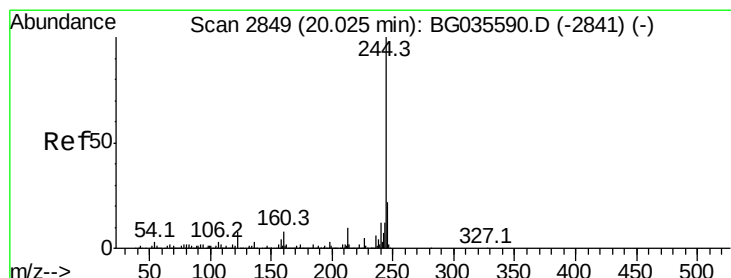
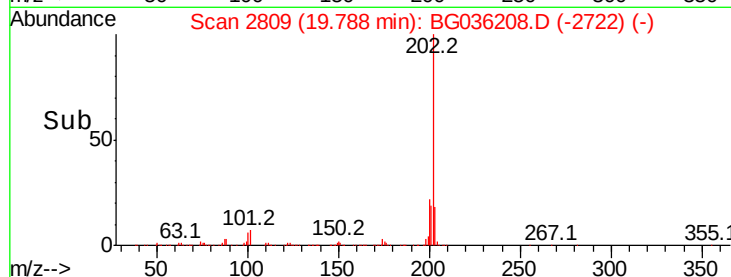
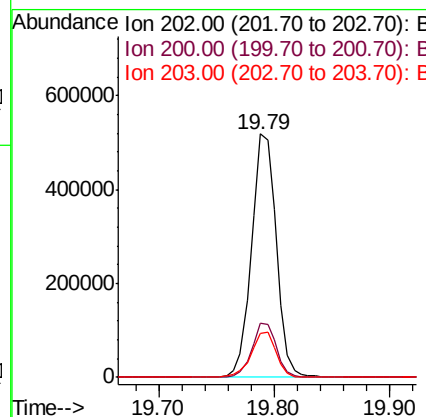
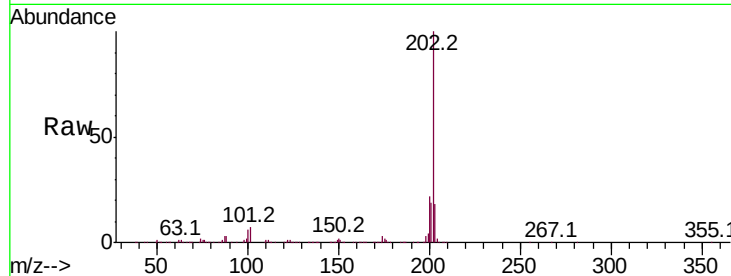
ClientSampleId :

155-SOILMS

Tot Ion:	202	Resp:	772050
Ion Ratio	Lower	Upper	
202	100		
200	22.1	16.9	25.3
203	18.1	13.9	20.9

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#78

Terphenyl-d14

Concen: 96.433 ng

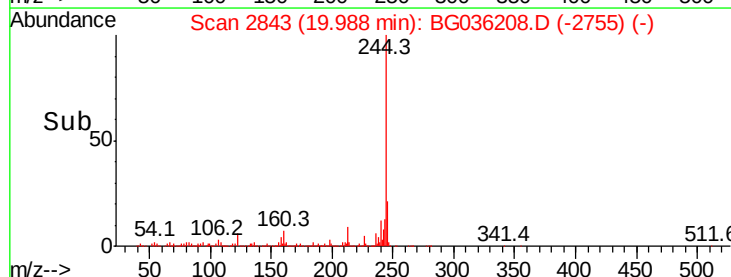
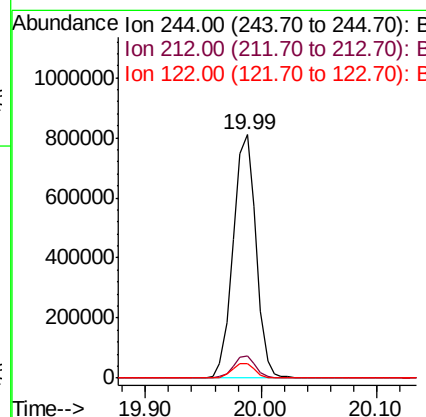
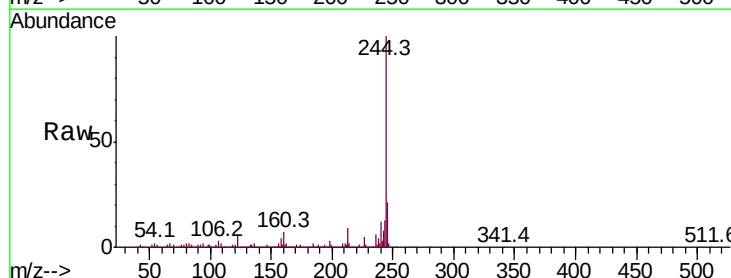
RT: 19.99 min Scan# 2843

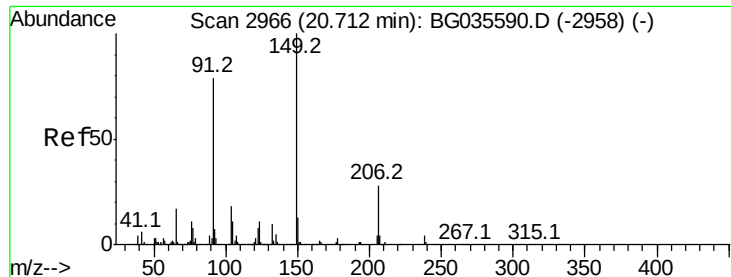
Delta R.T. -0.01 min

Lab File: BG036208.D

Acq: 8 Aug 2018 21:51

Tgt Ion:	244	Resp:	1112829
Ion Ratio	Lower	Upper	
244	100		
212	9.3	5.8	8.8#
122	6.2	7.0	10.4#





#79

Butylbenzylphthalate

Concen: 49.948 ng

RT: 20.67 min Scan# 2959

Delta R.T. -0.01 min

Lab File: BG036208.D

Acq: 8 Aug 2018 21:51

Instrument :

BNA_G

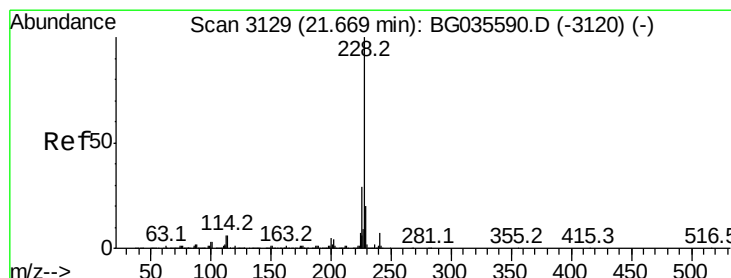
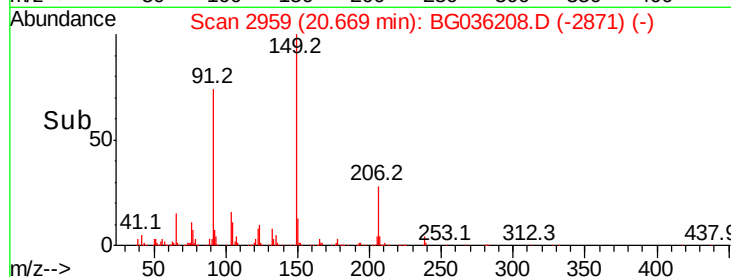
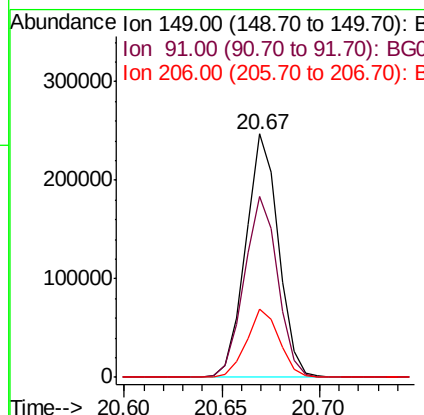
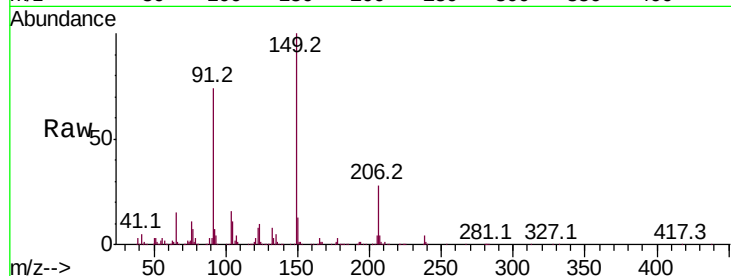
ClientSampleId :

155-SOILMS

Tot Ion:	149	Resp:	287293
Ion Ratio	Lower	Upper	
149	100		
91	74.1	62.2	93.2
206	28.0	18.6	27.8

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#80

Benzo(a)anthracene

Concen: 48.990 ng

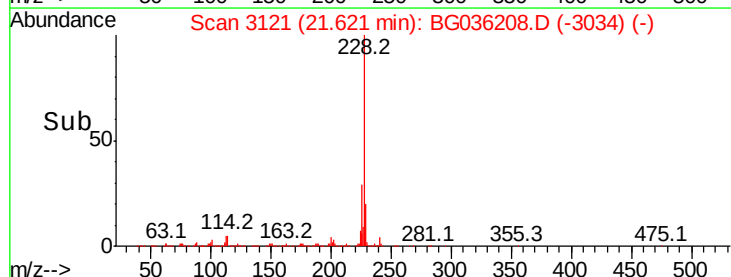
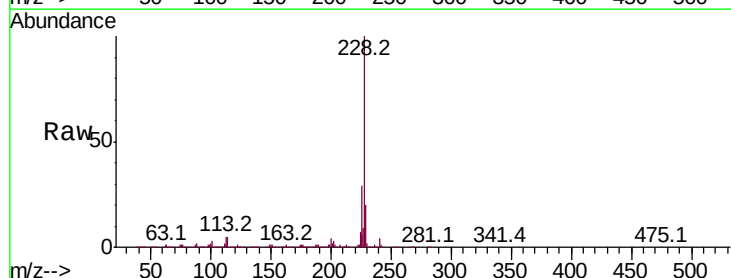
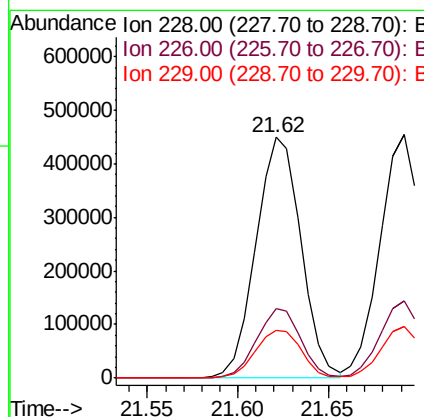
RT: 21.62 min Scan# 3121

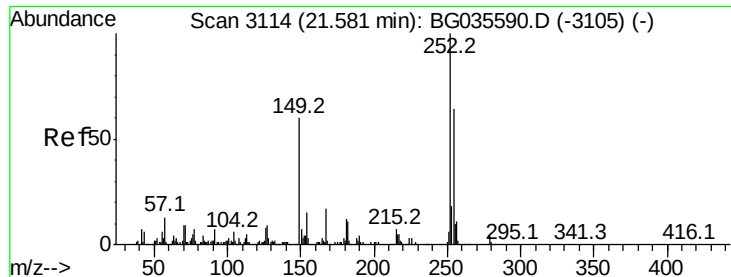
Delta R.T. -0.02 min

Lab File: BG036208.D

Acq: 8 Aug 2018 21:51

Tgt Ion:	228	Resp:	776590
Ion Ratio	Lower	Upper	
228	100		
226	28.7	22.7	34.1
229	19.8	16.2	24.2





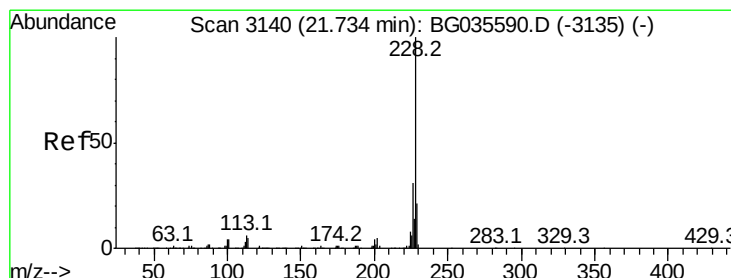
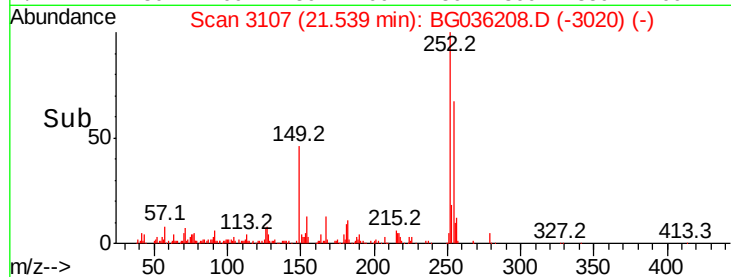
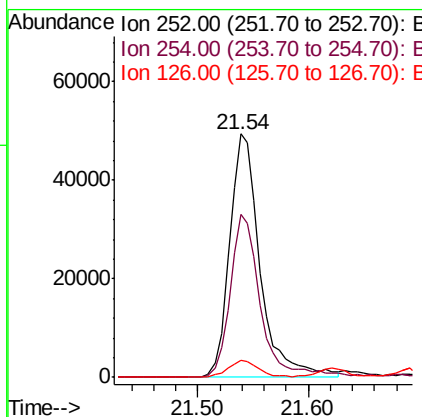
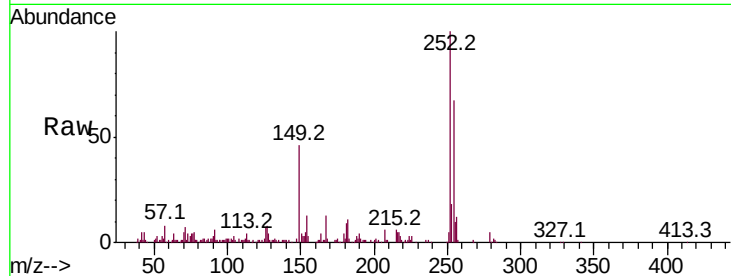
#81
 3,3'-Dichlorobenzidine
 Concen: 17.308 ng
 RT: 21.54 min Scan# 3107
 Delta R.T. -0.02 min
 Lab File: BG036208.D
 Acq: 8 Aug 2018 21:51

Instrument :
 BNA_G
 ClientSampled :
 155-SOILMS

Tot Ion	Ratio	Lower	Upper
252	100		
254	67.0	50.8	76.2
126	6.9	7.4	11.2#

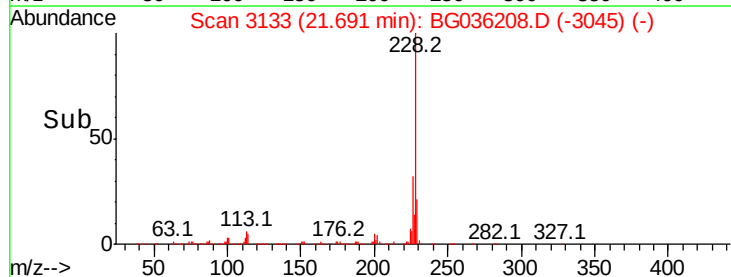
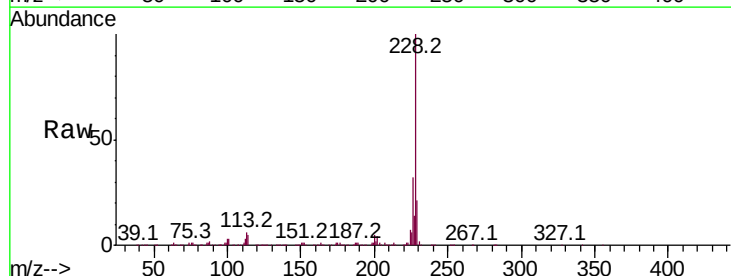
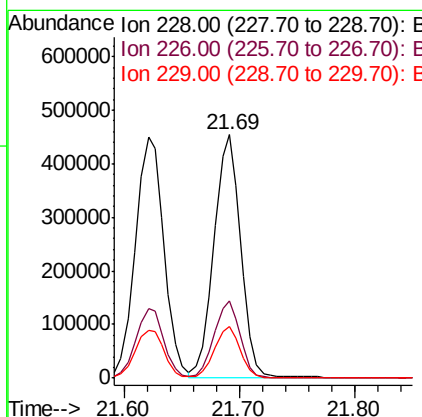
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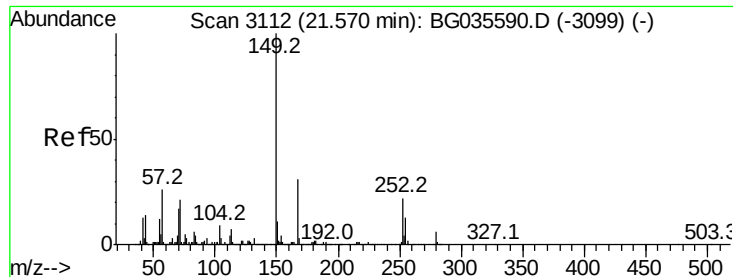
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#82
 Chrysene
 Concen: 49.410 ng
 RT: 21.69 min Scan# 3133
 Delta R.T. -0.01 min
 Lab File: BG036208.D
 Acq: 8 Aug 2018 21:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.9	37.3
229	21.0	15.0	22.4





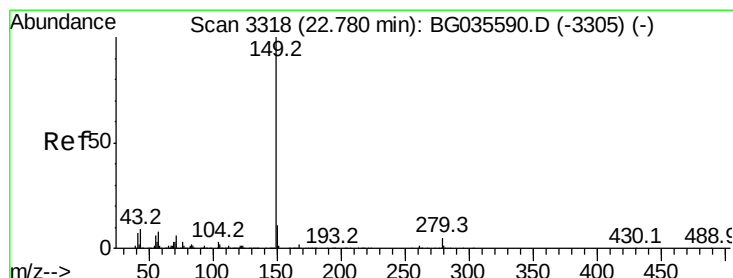
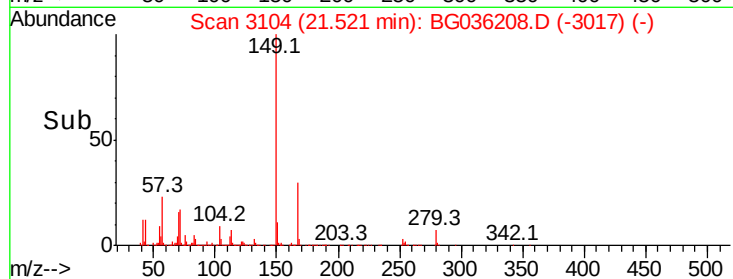
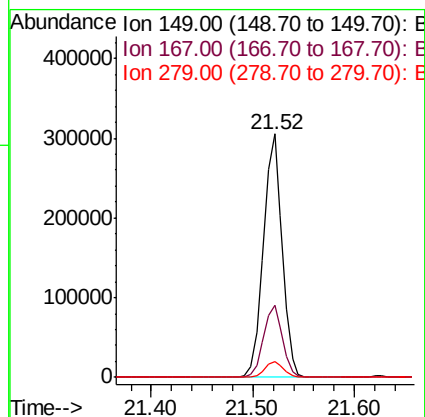
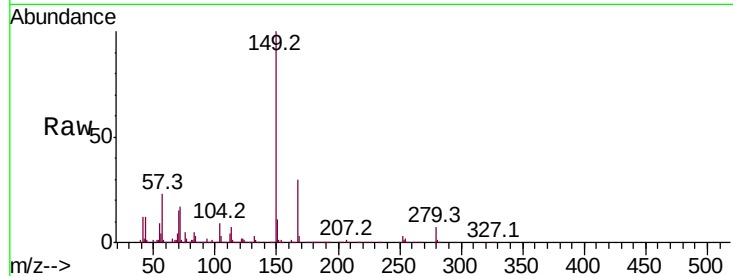
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.842 ng
 RT: 21.52 min Scan# 3104
 Delta R.T. -0.02 min
 Lab File: BG036208.D
 Acq: 8 Aug 2018 21:51

Instrument :
 BNA_G
 ClientSampleId :
 155-SOILMS

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	29.8	24.3	36.5
279	6.5	4.0	6.0

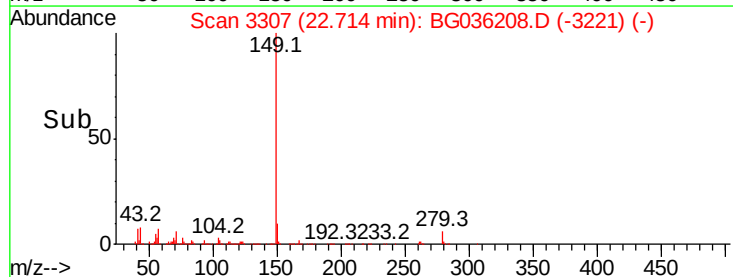
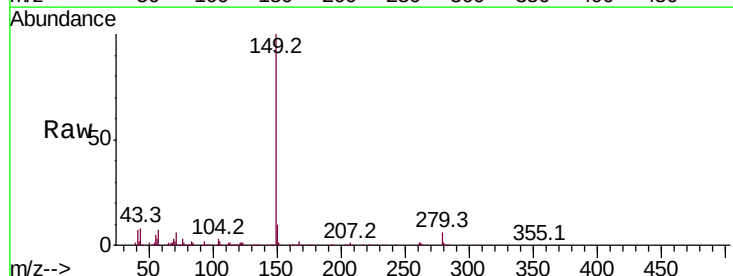
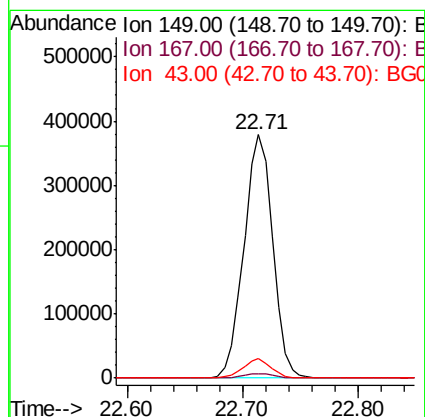
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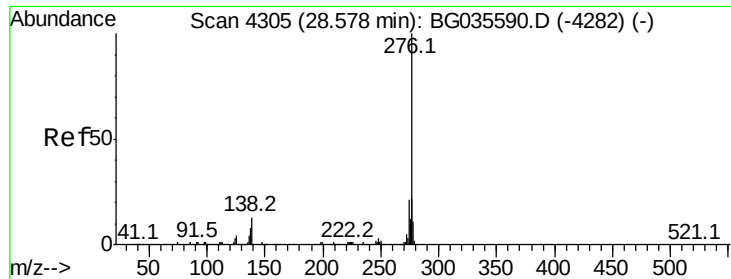
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#84
 Di-n-octyl phthalate
 Concen: 50.156 ng
 RT: 22.71 min Scan# 3307
 Delta R.T. -0.03 min
 Lab File: BG036208.D
 Acq: 8 Aug 2018 21:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.8	1.4	2.0
43	7.7	8.9	13.3





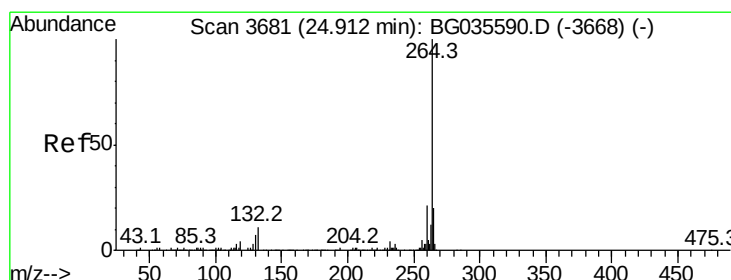
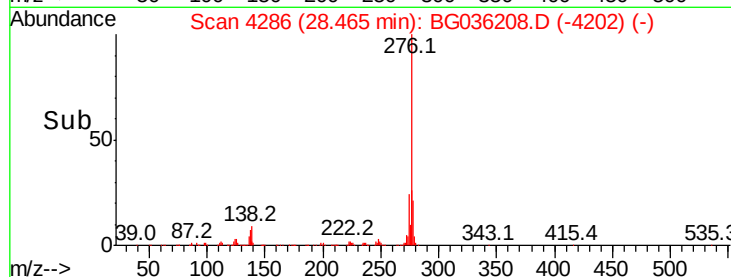
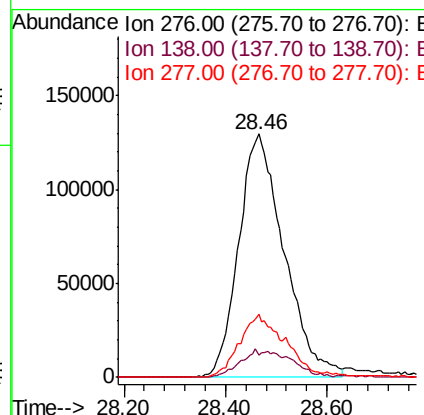
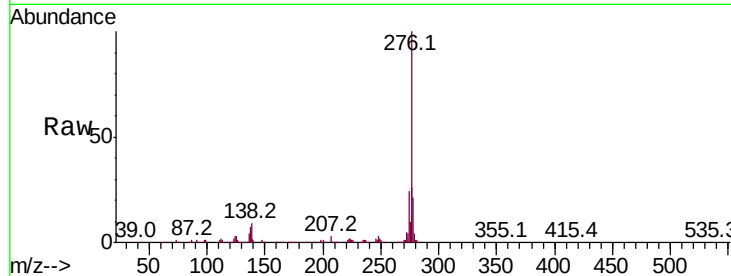
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 49.551 ng
 RT: 28.46 min Scan# 4286
 Delta R.T. -0.04 min
 Lab File: BG036208.D
 Acq: 8 Aug 2018 21:51

Instrument :
 BNA_G
 ClientSampleId :
 155-SOILMS

Tot Ion	Ratio	Lower	Upper
276	100		
138	4.8	16.0	24.0#
277	25.7	20.0	30.0

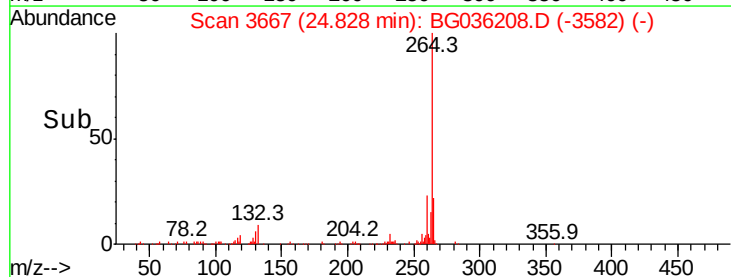
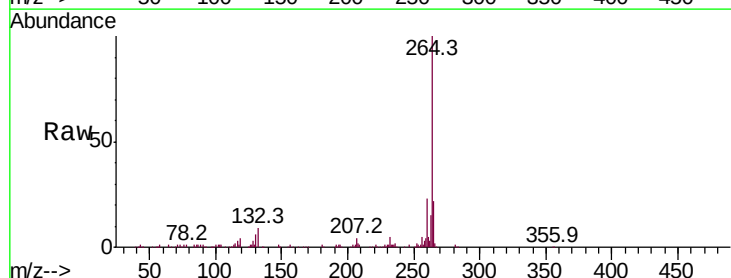
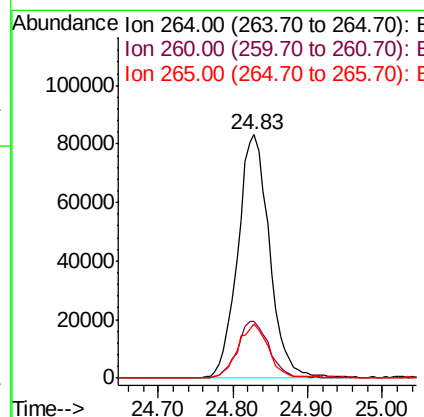
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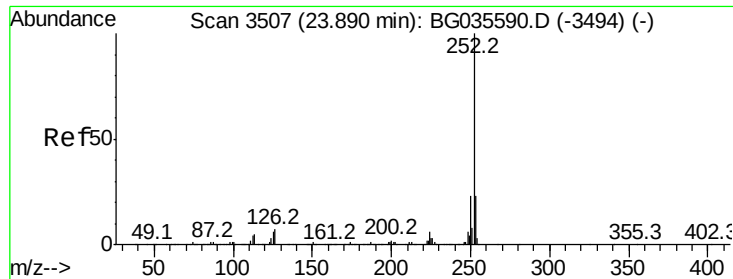
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.83 min Scan# 3667
 Delta R.T. -0.03 min
 Lab File: BG036208.D
 Acq: 8 Aug 2018 21:51

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.4	26.0
265	22.1	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 50.851 ng

RT: 23.82 min Scan# 3495

Delta R.T. -0.03 min

Lab File: BG036208.D

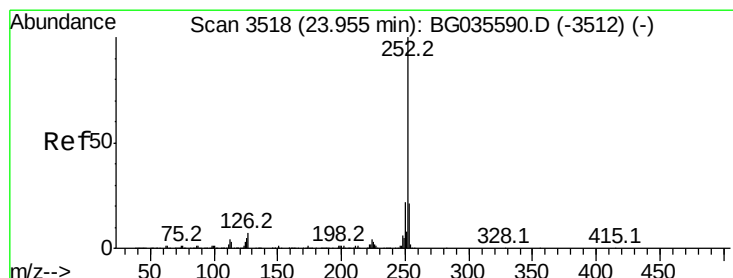
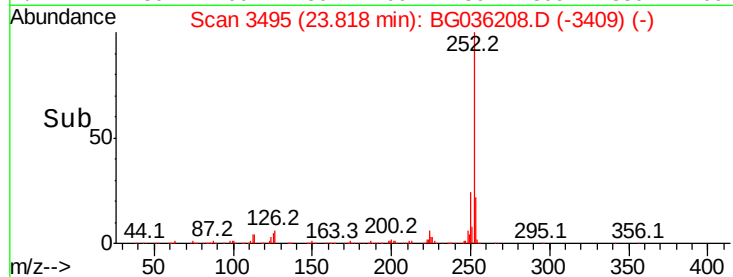
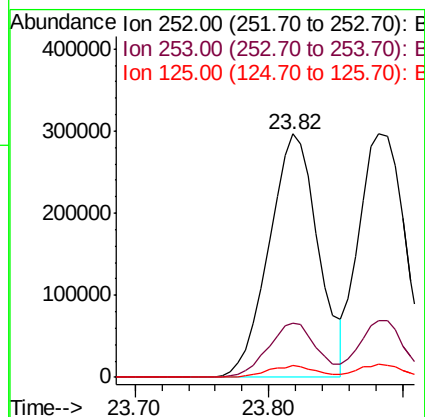
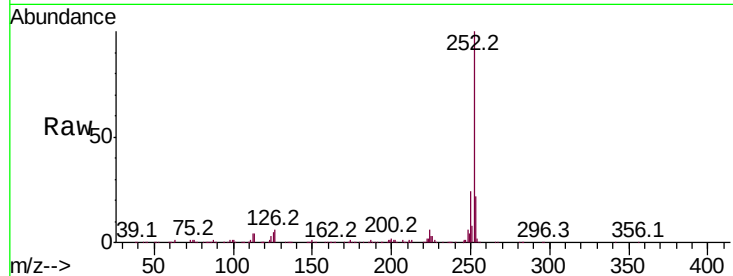
Acq: 8 Aug 2018 21:51

Instrument :
BNA_G
ClientSampleId :
155-SOILMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.4
125	5.0	7.2	10.8

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 49.048 ng

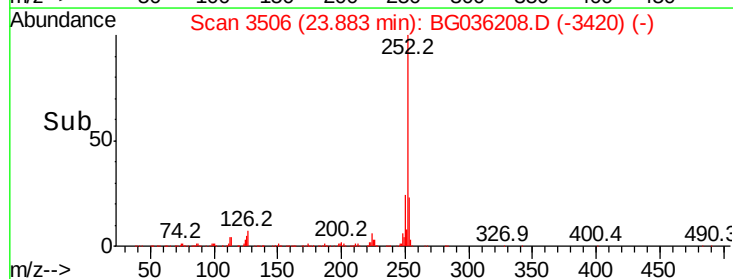
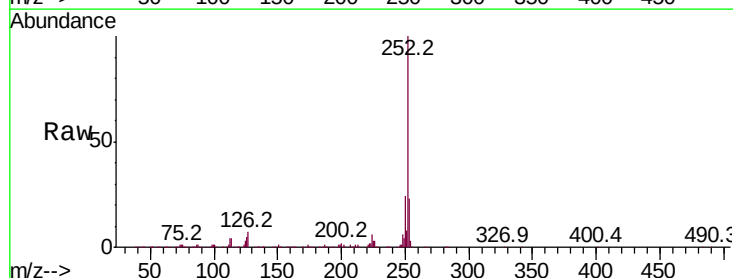
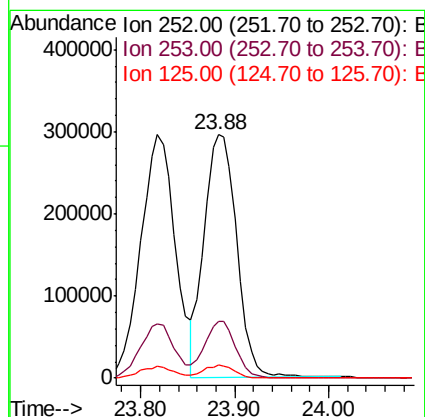
RT: 23.88 min Scan# 3506

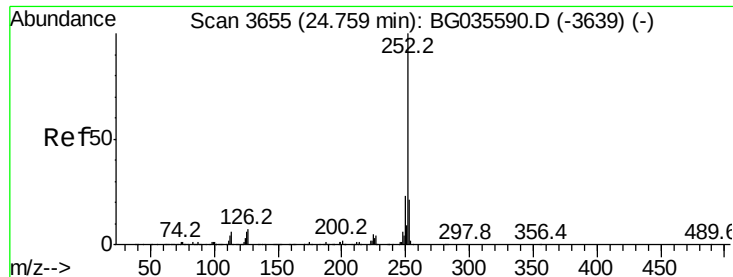
Delta R.T. -0.03 min

Lab File: BG036208.D

Acq: 8 Aug 2018 21:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.4	26.2
125	5.3	6.6	9.8





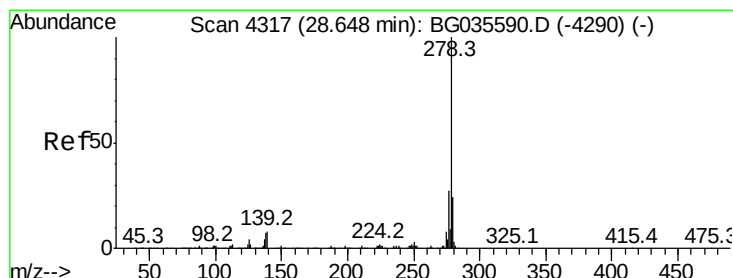
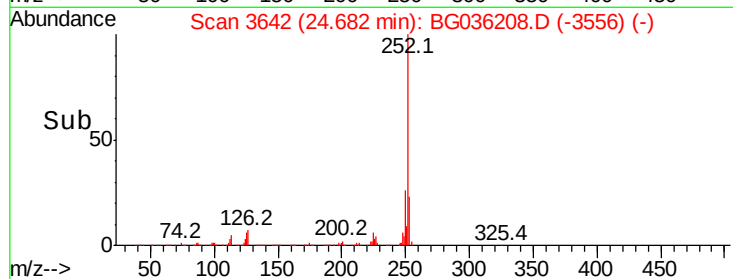
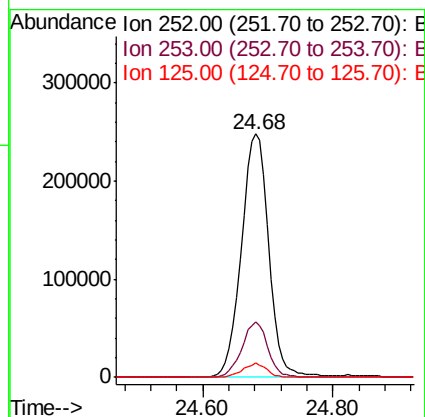
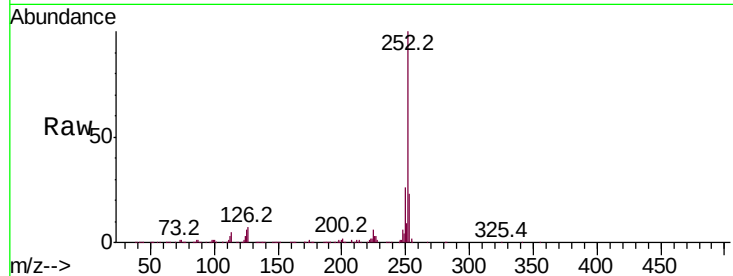
#89
Benzo(a)pyrene
Concen: 52.144 ng
RT: 24.68 min Scan# 3642
Delta R.T. -0.03 min
Lab File: BG036208.D
Acq: 8 Aug 2018 21:51

Instrument :
BNA_G
ClientSampleId :
155-SOILMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.3	27.5
125	5.9	7.3	10.9#

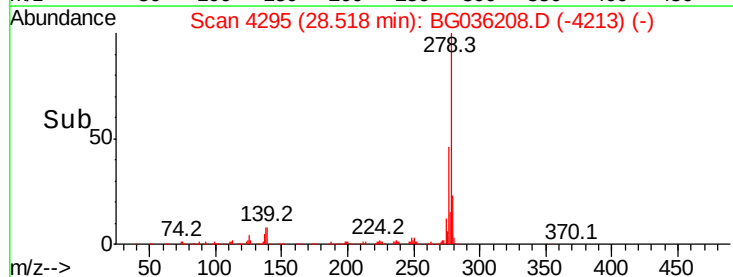
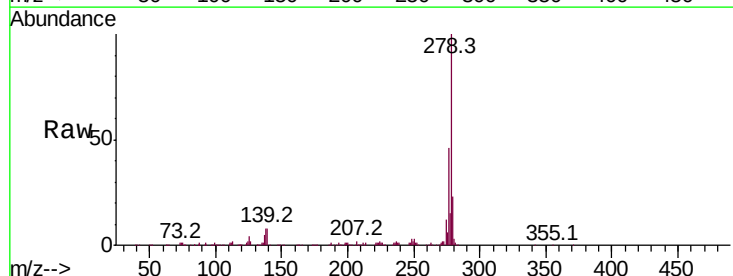
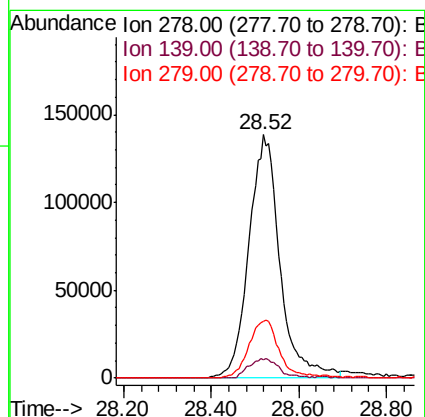
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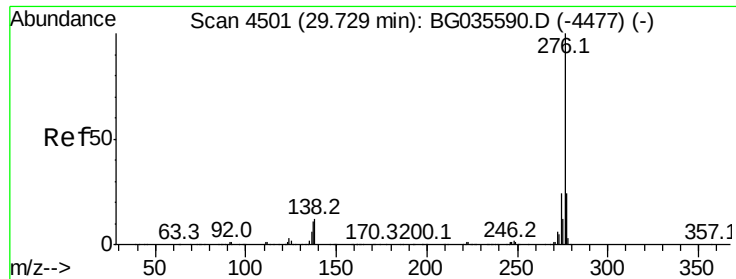
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#90
Dibenzo(a,h)anthracene
Concen: 49.090 ng
RT: 28.52 min Scan# 4295
Delta R.T. -0.05 min
Lab File: BG036208.D
Acq: 8 Aug 2018 21:51

Tgt Ion	Ratio	Lower	Upper
278	100		
139	7.7	9.8	14.6#
279	23.1	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 50.552 ng
 RT: 29.60 min Scan# 4479
 Delta R.T. -0.04 min
 Lab File: BG036208.D
 Acq: 8 Aug 2018 21:51

Instrument :
 BNA_G
 ClientSampleId :
 155-SOILMS

Tot Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	25.9	18.3	27.5
138	11.2	13.9	20.9

Manual Integrations
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