

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101918\
 Data File : BG037471.D
 Acq On : 20 Oct 2018 4:20
 Operator : JU/SJ
 Sample : PB113548BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB113548BS

Manual Integrations
 APPROVED

Sohil
 10/22/2018 3:39:38 PM

Quant Time: Oct 20 06:10:23 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	60447	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	264637	20.00	ng	0.00
39) Acenaphthene-d10	14.75	164	170992	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	422864	20.00	ng	0.00
76) Chrysene-d12	21.78	240	396206	20.00	ng	0.00
87) Perylene-d12	25.11	264	421695	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	388426	107.43	ng	0.00
7) Phenol-d6	7.25	99	554608	101.44	ng	0.00
23) Nitrobenzene-d5	9.29	82	456671	96.67	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	195603	104.88	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	1053800	92.93	ng	0.00
79) Terphenyl-d14	20.09	244	1666565	89.88	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	53518	29.188	ng	# 95
3) Pyridine	3.93	79	162470	35.156	ng	94
4) n-Nitrosodimethylamine	3.85	42	78607	47.755	ng	# 98
6) Aniline	7.43	93	213191	31.965	ng	97
8) 2-Chlorophenol	7.67	128	197454	46.683	ng	98
9) Benzaldehyde	7.25	77	51802	15.147	ng	97
10) Phenol	7.28	94	271953	47.145	ng	98
11) bis(2-Chloroethyl)ether	7.52	93	182616	41.682	ng	95
12) 1,3-Dichlorobenzene	7.99	146	187201	39.756	ng	95
13) 1,4-Dichlorobenzene	8.14	146	192378	39.940	ng	97
14) 1,2-Dichlorobenzene	8.46	146	184446	39.809	ng	98
15) Benzyl Alcohol	8.35	79	177816	44.017	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.63	45	334209	42.633	ng	98
17) 2-Methylphenol	8.53	107	179381	47.037	ng	99
18) Hexachloroethane	9.19	117	68368	41.635	ng	93
19) n-Nitroso-di-n-propylamine	8.92	70	150148	39.882	ng	99
20) 3+4-Methylphenols	8.87	107	249818	45.817	ng	100
22) Acetophenone	8.94	105	288686	43.497	ng	# 96
24) Nitrobenzene	9.33	77	220291	44.888	ng	95
25) Isophorone	9.85	82	431335	49.971	ng	98
26) 2-Nitrophenol	10.04	139	101497	45.909	ng	98
27) 2,4-Dimethylphenol	10.08	122	213006	53.961	ng	98
28) bis(2-Chloroethoxy)methane	10.33	93	263135	46.529	ng	96
29) 2,4-Dichlorophenol	10.57	162	211038	48.017	ng	99
30) 1,2,4-Trichlorobenzene	10.79	180	197878	41.401	ng	98
31) Naphthalene	10.98	128	599030	46.085	ng	99
32) Benzoic acid	10.22	122	128190	49.999	ng	99
33) 4-Chloroaniline	11.09	127	115261	18.872	ng	95
34) Hexachlorobutadiene	11.24	225	115395	40.737	ng	94
35) Caprolactam	11.88	113	79624m	45.172	ng	
36) 4-Chloro-3-methylphenol	12.19	107	235524	47.517	ng	98
37) 2-Methylnaphthalene	12.58	142	455583	48.081	ng	98
38) 1-Methylnaphthalene	12.79	142	434984	47.272	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	228963	41.513	ng	99

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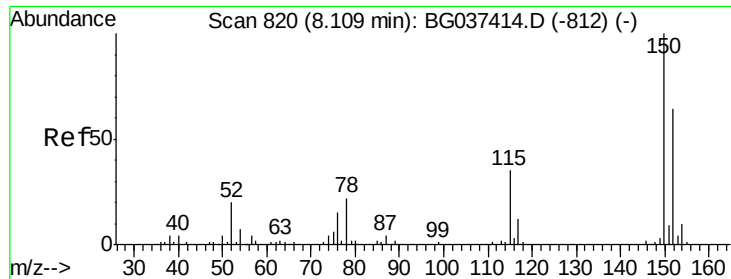
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	289299	109.809	ng	98
43) 2,4,6-Trichlorophenol	13.18	196	175942	47.749	ng	100
44) 2,4,5-Trichlorophenol	13.25	196	194404	48.457	ng	99
46) 1,1'-Biphenyl	13.58	154	598612	42.272	ng	99
47) 2-Chloronaphthalene	13.62	162	471412	44.002	ng	99
48) 2-Nitroaniline	13.83	65	161284	49.643	ng	97
49) Acenaphthylene	14.47	152	794366	49.291	ng	100
50) Dimethylphthalate	14.19	163	637252	48.174	ng	100
51) 2,6-Dinitrotoluene	14.32	165	141761	48.443	ng	96
52) Acenaphthene	14.81	154	463871	46.736	ng	99
53) 3-Nitroaniline	14.65	138	101479	31.237	ng	# 98
54) 2,4-Dinitrophenol	14.85	184	125789	89.701	ng	92
55) Dibenzofuran	15.14	168	740091	45.005	ng	97
56) 4-Nitrophenol	14.95	139	257427	107.054	ng	97
57) 2,4-Dinitrotoluene	15.10	165	203252	52.912	ng	98
58) Fluorene	15.79	166	600971	48.802	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	173802	50.598	ng	97
60) Diethylphthalate	15.55	149	659627	48.570	ng	99
61) 4-Chlorophenyl-phenylether	15.77	204	315015	43.888	ng	98
62) 4-Nitroaniline	15.82	138	160475	49.712	ng	93
63) Azobenzene	16.07	77	620120	47.857	ng	99
65) 4,6-Dinitro-2-methylphenol	15.86	198	101406	46.107	ng	97
66) n-Nitrosodiphenylamine	15.99	169	563367	44.290	ng	99
67) 4-Bromophenyl-phenylether	16.67	248	202738	43.658	ng	98
68) Hexachlorobenzene	16.78	284	205805	42.762	ng	96
69) Atrazine	16.94	200	219666	47.765	ng	100
70) Pentachlorophenol	17.12	266	260683	80.862	ng	96
71) Phenanthrene	17.53	178	1018032	47.370	ng	98
72) Anthracene	17.62	178	1041943	49.403	ng	98
73) Carbazole	17.89	167	971072	46.029	ng	99
74) Di-n-butylphthalate	18.43	149	1126784	48.013	ng	99
75) Fluoranthene	19.53	202	1217527	49.950	ng	97
77) Benzidine	19.72	184	354473	26.312	ng	98
78) Pyrene	19.90	202	1211701	46.783	ng	99
80) Butylbenzylphthalate	20.77	149	525444	49.570	ng	97
81) Benzo(a)anthracene	21.75	228	1145616	48.884	ng	96
82) 3,3'-Dichlorobenzidine	21.67	252	273430	30.101	ng	99
83) Chrysene	21.83	228	1065880	47.300	ng	98
84) Bis(2-ethylhexyl)phthalate	21.63	149	732656	49.310	ng	98
85) Di-n-octyl phthalate	22.88	149	1245635	51.411	ng	99
86) Indeno(1,2,3-cd)pyrene	28.95	276	1226491	50.745	ng	# 97
88) Benzo(b)fluoranthene	24.05	252	1156453	50.022	ng	98
89) Benzo(k)fluoranthene	24.12	252	1101737m	48.641	ng	
90) Benzo(a)pyrene	24.96	252	1110617	50.555	ng	99
91) Dibenzo(a,h)anthracene	29.02	278	999124	49.305	ng	96
92) Benzo(g,h,i)perylene	30.15	276	1030245	50.253	ng	99

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



#1

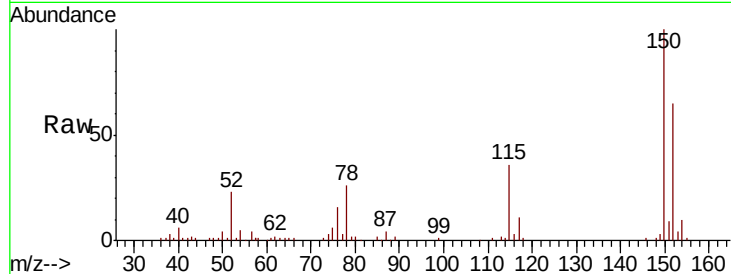
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG037471.D
Acq: 20 Oct 2018 4:20

Instrument :
BNA_G
ClientSampleId :
PB113548BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.0	126.0	189.0
115	55.5	45.5	68.3

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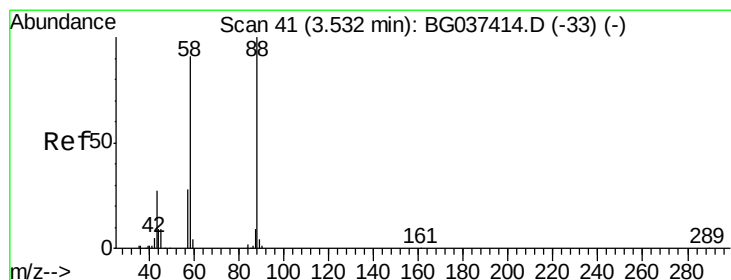
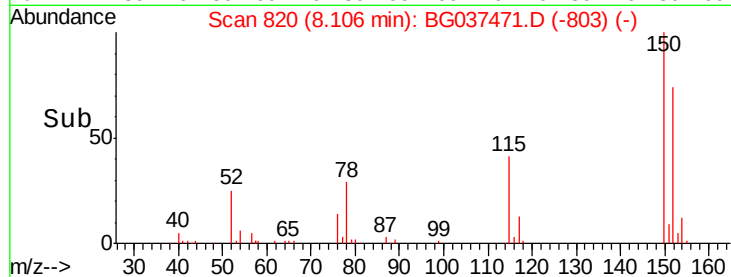
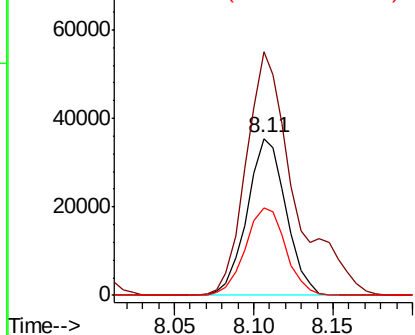


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

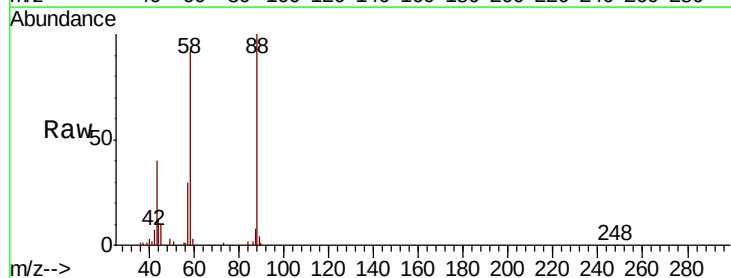
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 29.188 ng
RT: 3.53 min Scan# 41
Delta R.T. -0.00 min
Lab File: BG037471.D
Acq: 20 Oct 2018 4:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	95.1	74.4	111.6
43	38.8	25.8	38.8#

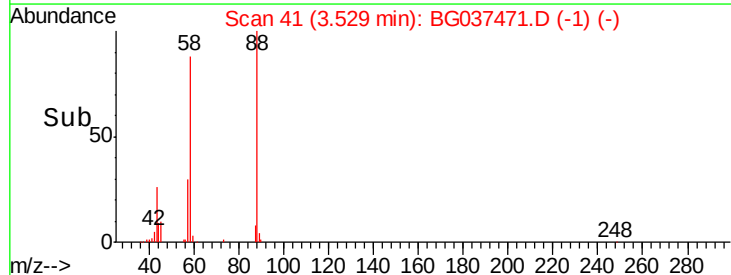
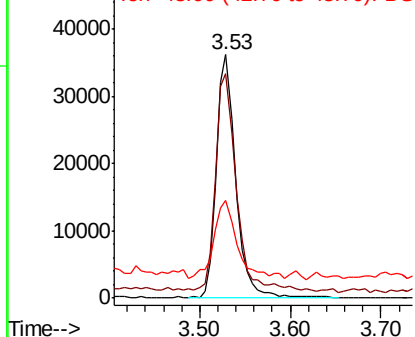


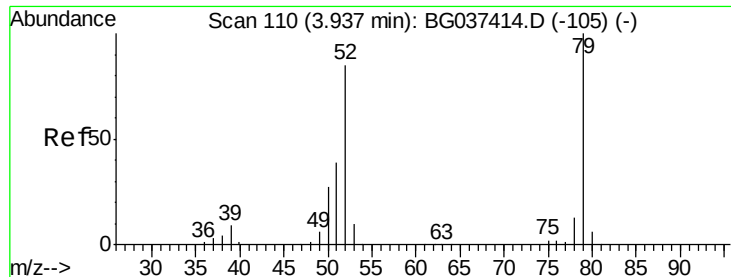
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 35.156 ng

RT: 3.93 min Scan# 110

Delta R.T. -0.00 min

Lab File: BG037471.D

Acq: 20 Oct 2018 4:20

Instrument :

BNA_G

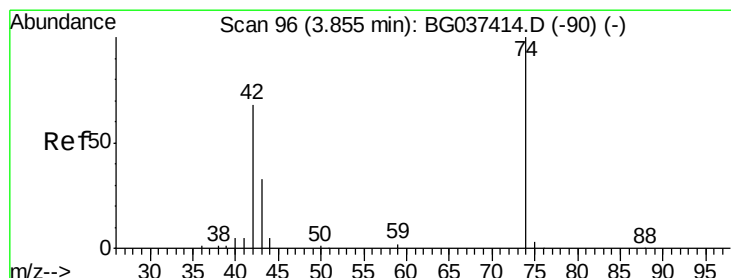
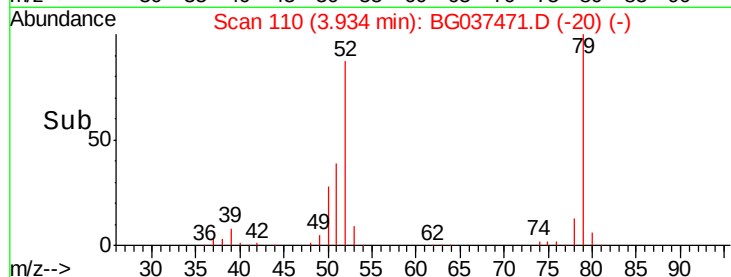
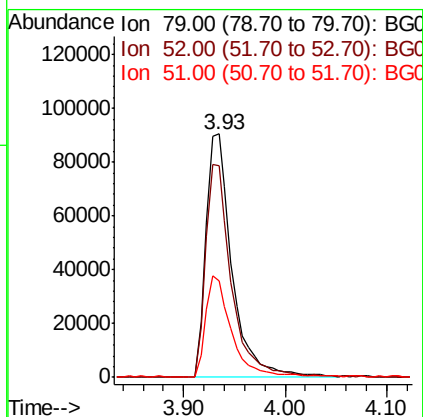
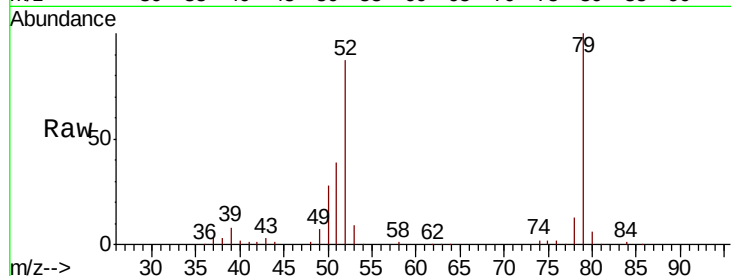
ClientSampleId :

PB113548BS

Tgt Ion:	79	Resp:	162470
Ion	Ratio	Lower	Upper
79	100		
52	87.0	74.2	111.2
51	39.4	34.6	51.8

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#4

n-Nitrosodimethylamine

Concen: 47.755 ng

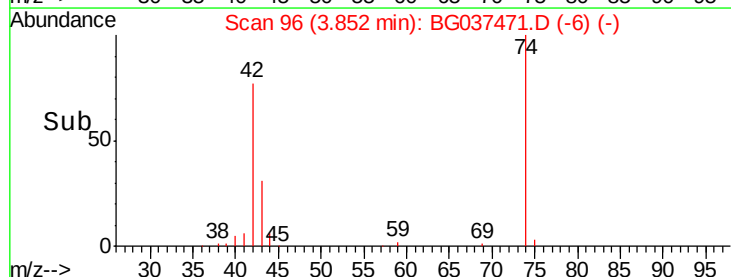
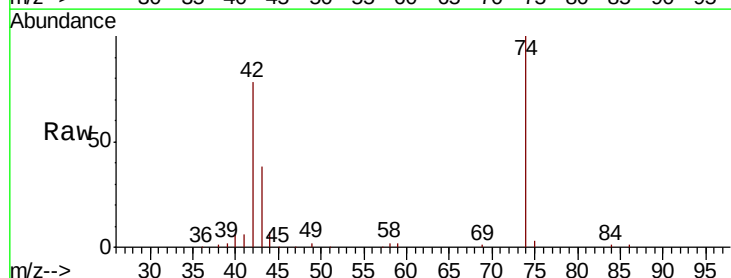
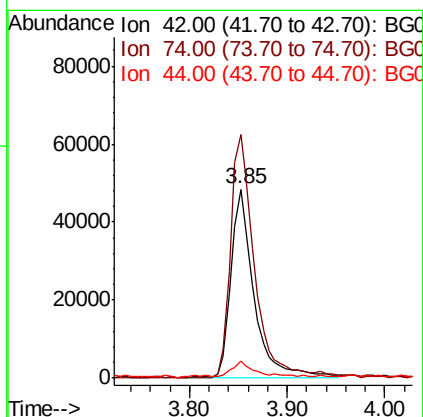
RT: 3.85 min Scan# 96

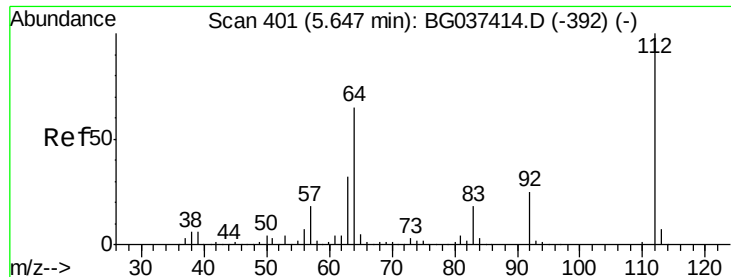
Delta R.T. -0.00 min

Lab File: BG037471.D

Acq: 20 Oct 2018 4:20

Tgt Ion:	42	Resp:	78607
Ion	Ratio	Lower	Upper
42	100		
74	129.0	102.0	153.0
44	9.2	9.6	14.4#





#5

2-Fluorophenol

Concen: 107.432 ng

RT: 5.65 min Scan# 402

Delta R.T. 0.00 min

Lab File: BG037471.D

Acq: 20 Oct 2018 4:20

Instrument :

BNA_G

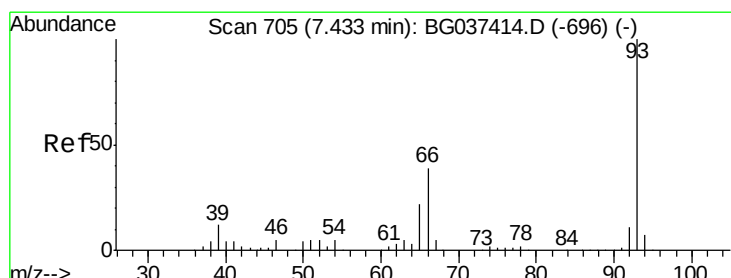
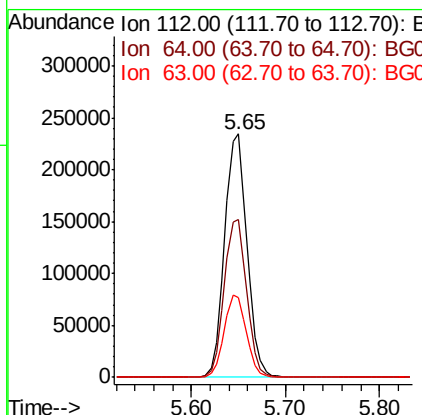
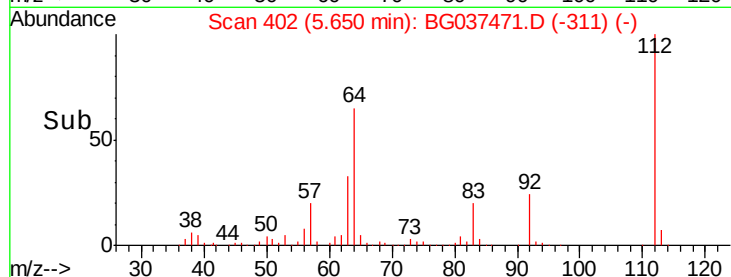
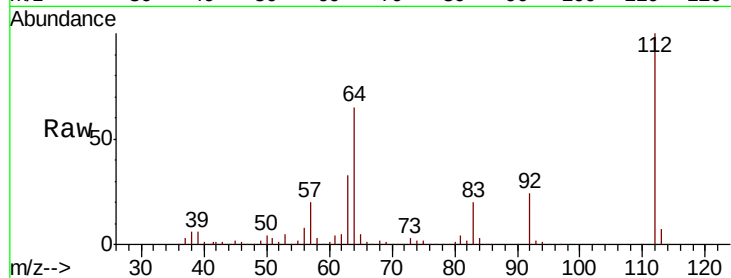
ClientSampleId :

PB113548BS

Tgt Ion:	112	Resp:	388426
Ion Ratio	Lower	Upper	
112	100		
64	64.8	53.1	79.7
63	32.9	27.3	40.9

Manual Integrations
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#6

Aniline

Concen: 31.965 ng

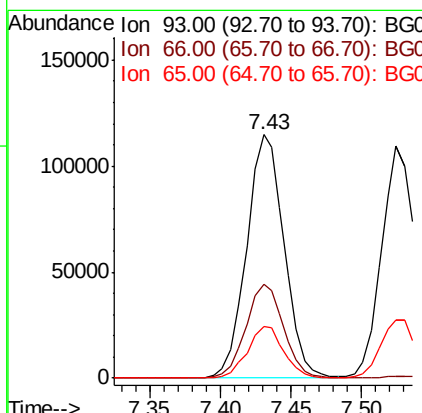
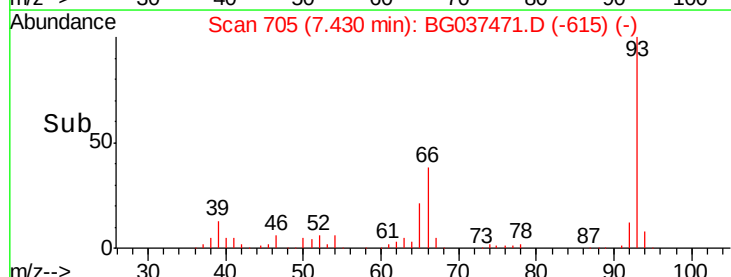
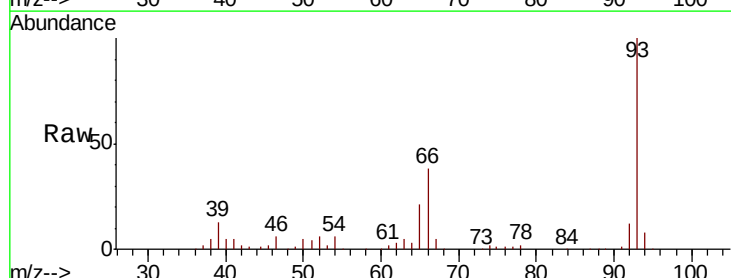
RT: 7.43 min Scan# 705

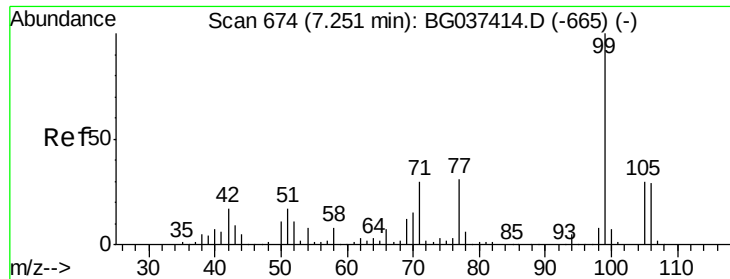
Delta R.T. -0.00 min

Lab File: BG037471.D

Acq: 20 Oct 2018 4:20

Tgt Ion:	93	Resp:	213191
Ion Ratio	Lower	Upper	
93	100		
66	38.4	32.8	49.2
65	21.4	16.4	24.6





#7

Phenol-d6

Concen: 101.443 ng

RT: 7.25 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG037471.D

Acq: 20 Oct 2018 4:20

Instrument :

BNA_G

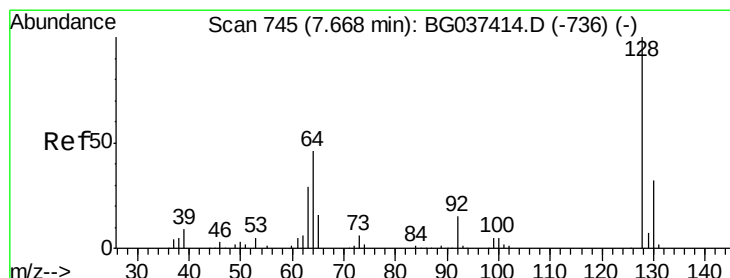
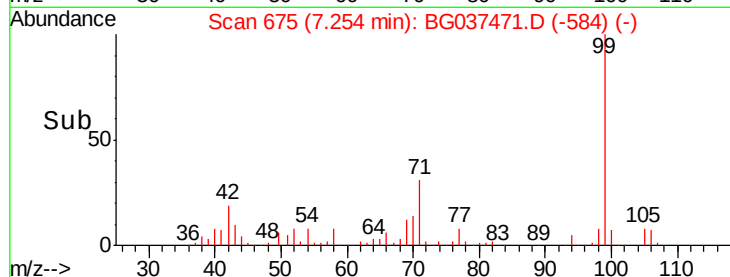
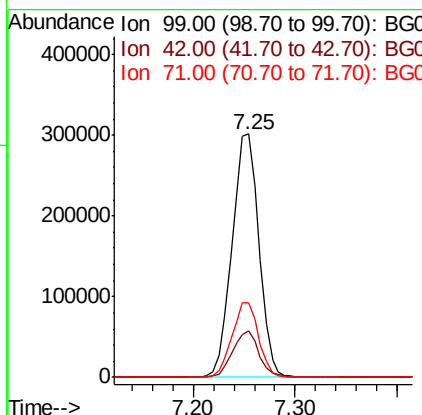
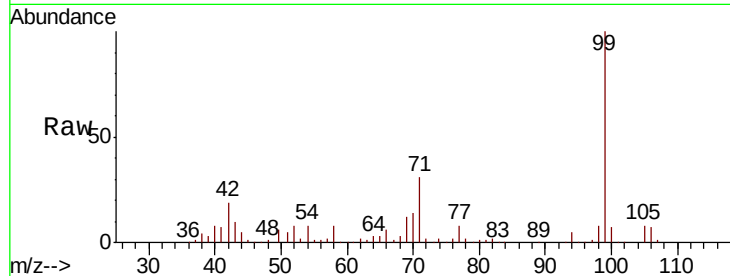
ClientSampleId :

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Tgt Ion:	99	Resp:	554608
Ion Ratio	Lower	Upper	
99	100		
42	19.2	15.0	22.4
71	30.7	25.5	38.3

Manual Integrations
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#8

2-Chlorophenol

Concen: 46.683 ng

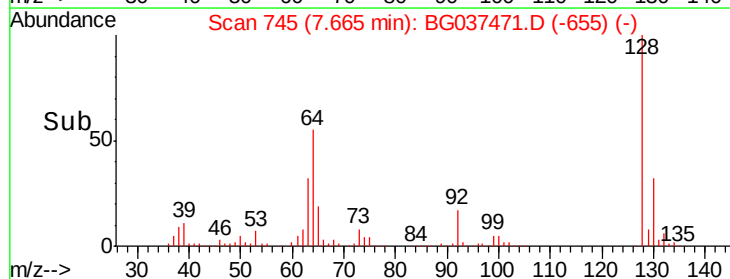
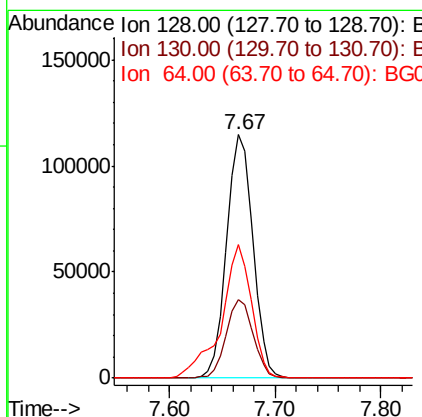
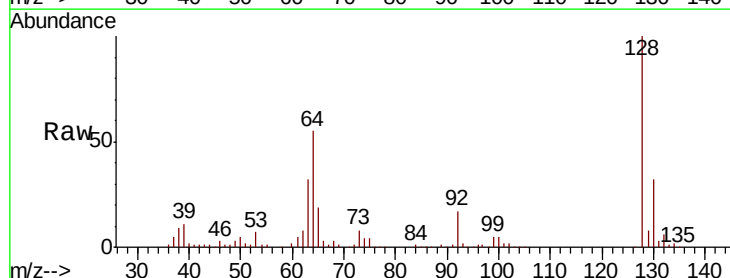
RT: 7.67 min Scan# 745

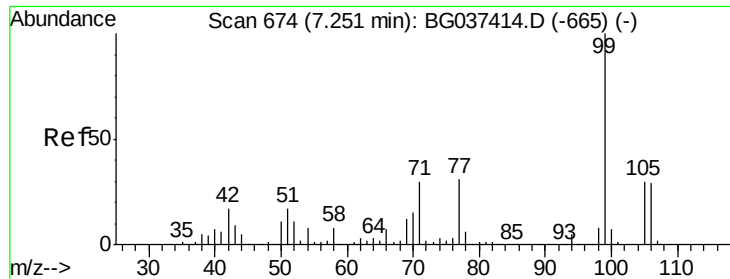
Delta R.T. -0.00 min

Lab File: BG037471.D

Acq: 20 Oct 2018 4:20

Tgt Ion:	128	Resp:	197454
Ion Ratio	Lower	Upper	
128	100		
130	32.4	12.0	52.0
64	54.7	32.9	72.9





#9

Benzaldehyde

Concen: 15.147 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037471.D

Acq: 20 Oct 2018 4:20

Instrument :

BNA_G

ClientSampleId :

PB113548BS

Tgt Ion: 77 Resp: 51802

Ion Ratio Lower Upper

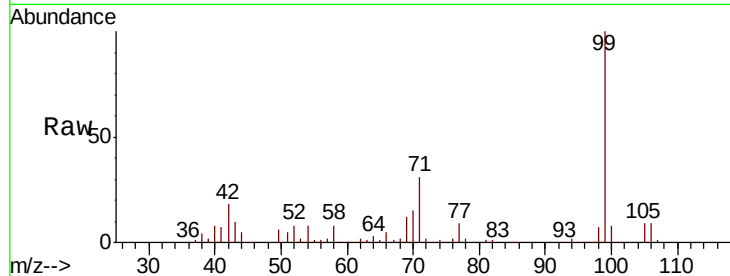
77 100

105 95.2 72.6 112.6

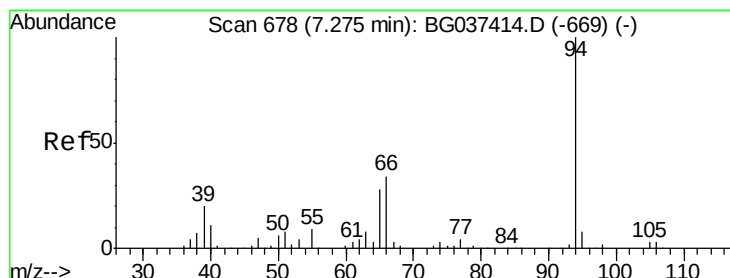
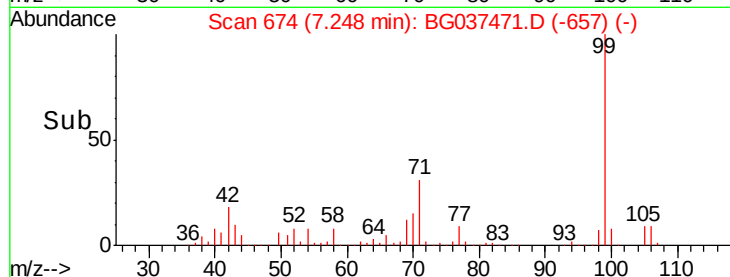
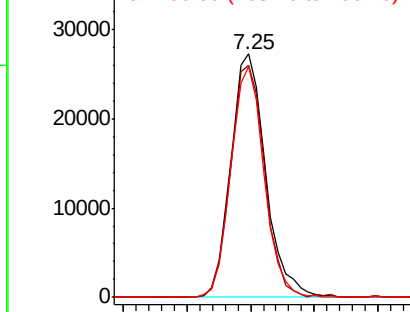
106 94.6 71.3 111.3

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



#10

Phenol

Concen: 47.145 ng

RT: 7.28 min Scan# 679

Delta R.T. 0.00 min

Lab File: BG037471.D

Acq: 20 Oct 2018 4:20

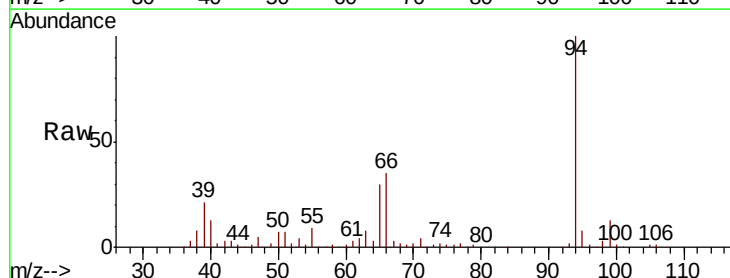
Tgt Ion: 94 Resp: 271953

Ion Ratio Lower Upper

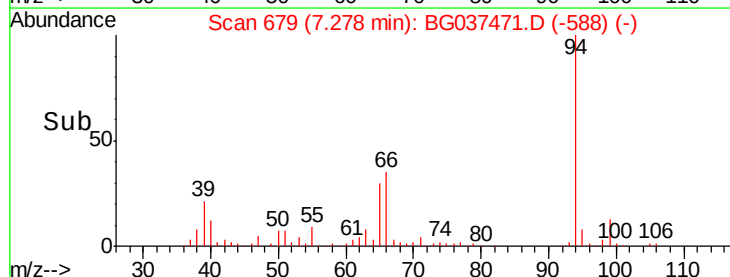
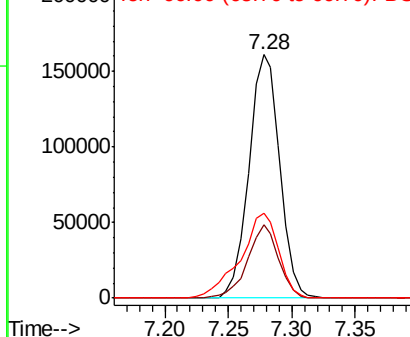
94 100

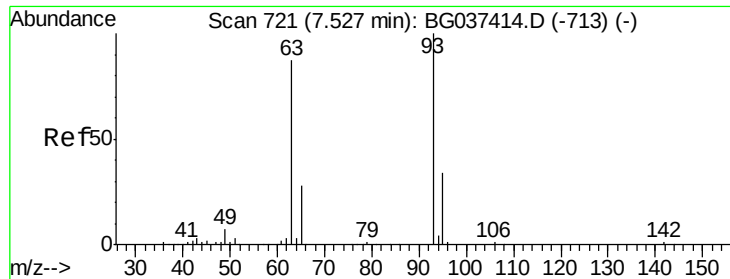
65 30.4 9.7 49.7

66 34.8 15.9 55.9



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





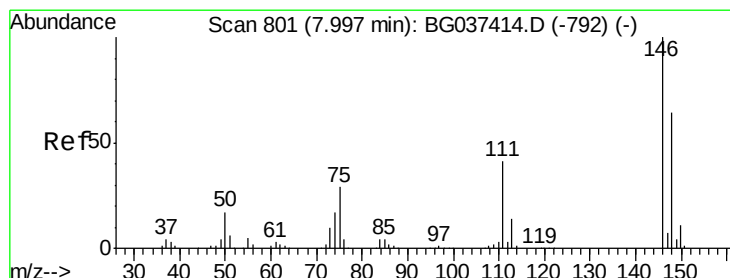
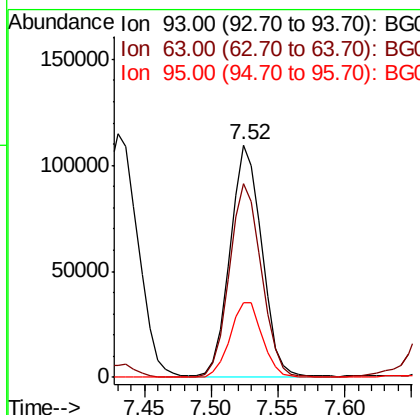
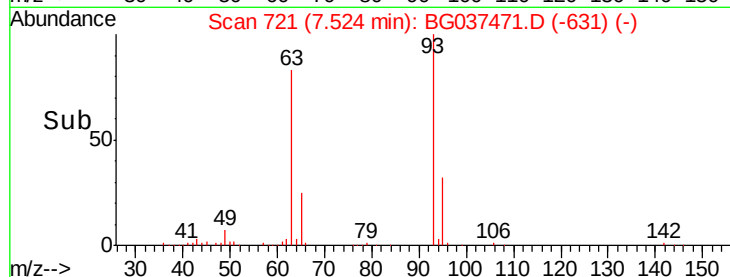
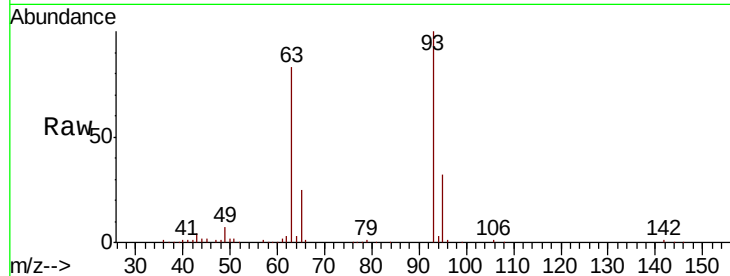
#11
bis(2-Chloroethyl)ether
Concen: 41.682 ng
RT: 7.52 min Scan# 721
Delta R.T. -0.00 min
Lab File: BG037471.D
Acq: 20 Oct 2018 4:20

Instrument :
BNA_G
ClientSampleId :
PB113548BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
63	83.3	69.5	109.5
95	32.3	12.6	52.6

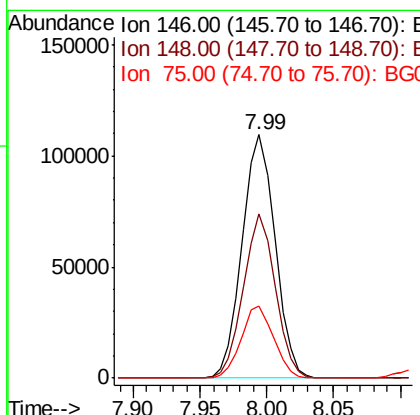
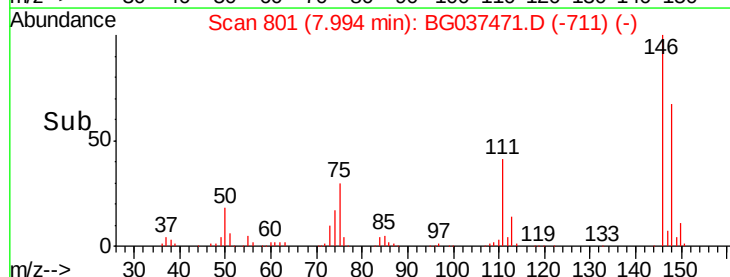
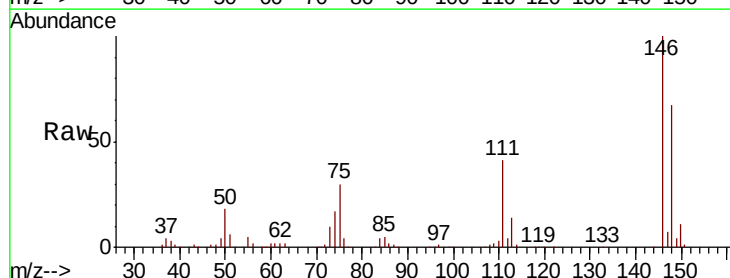
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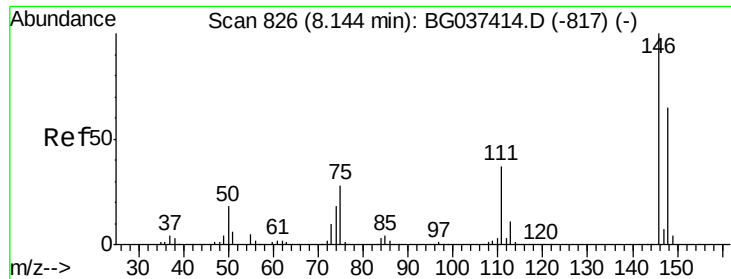
Sohil
10/22/2018 3:39:38 PM



#12
1,3-Dichlorobenzene
Concen: 39.756 ng
RT: 7.99 min Scan# 801
Delta R.T. -0.00 min
Lab File: BG037471.D
Acq: 20 Oct 2018 4:20

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	67.3	49.8	74.8
75	29.7	23.2	34.8





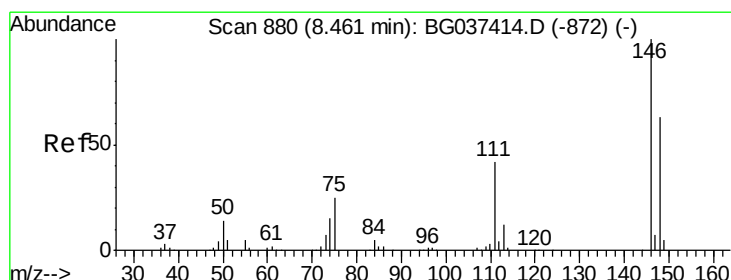
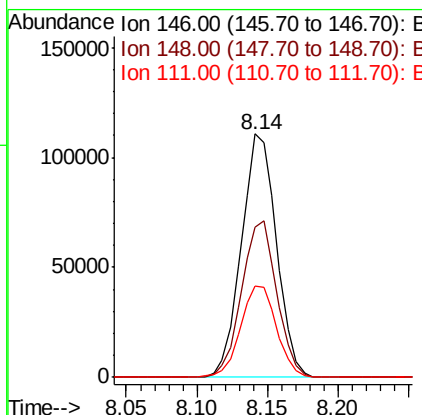
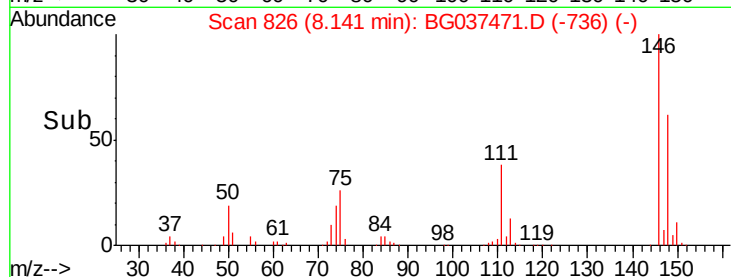
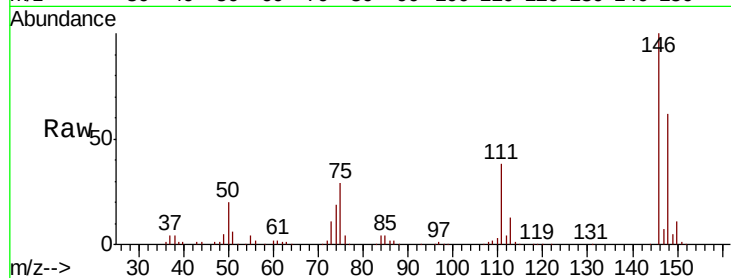
#13
 1,4-Dichlorobenzene
 Concen: 39.940 ng
 RT: 8.14 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BG037471.D
 Acq: 20 Oct 2018 4:20

Instrument :
 BNA_G
 ClientSampleID :
 PB113548BS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	192378		
148	61.9	51.0	76.6	
111	37.7	32.4	48.6	

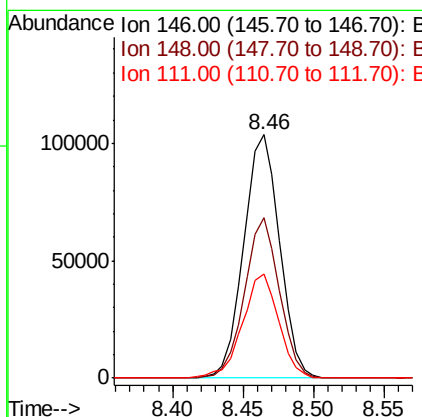
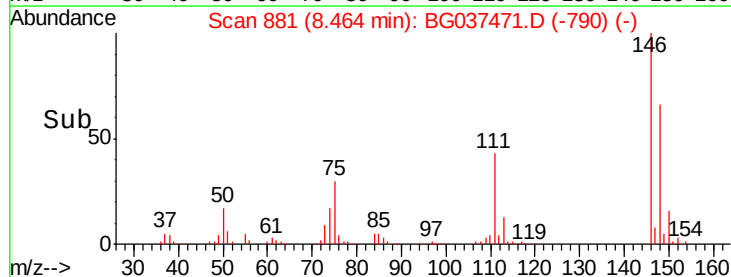
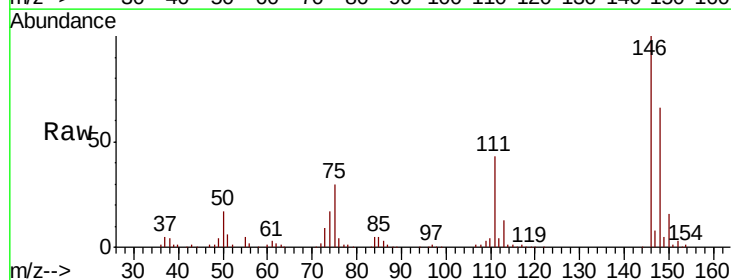
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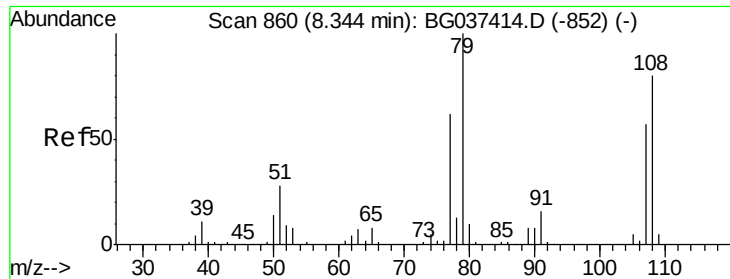
Sohil
 10/22/2018 3:39:38 PM



#14
 1,2-Dichlorobenzene
 Concen: 39.809 ng
 RT: 8.46 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BG037471.D
 Acq: 20 Oct 2018 4:20

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	184446		
148	65.8	50.4	75.6	
111	43.0	34.6	51.8	





#15

Benzyl Alcohol

Concen: 44.017 ng

RT: 8.35 min Scan# 861

Delta R.T. 0.00 min

Lab File: BG037471.D

Acq: 20 Oct 2018 4:20

Instrument :

BNA_G

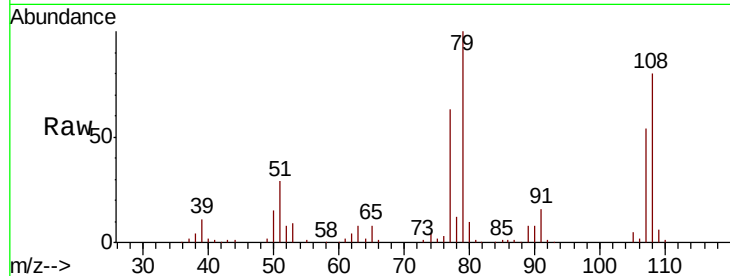
ClientSampleID :

PB113548BS

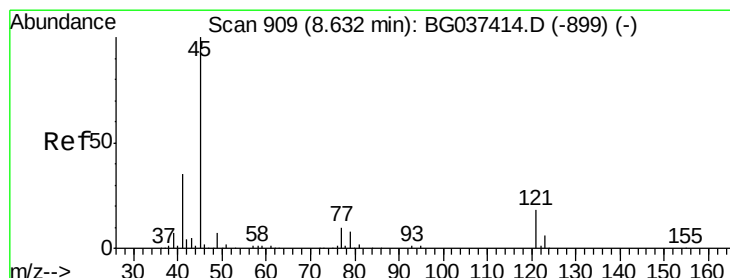
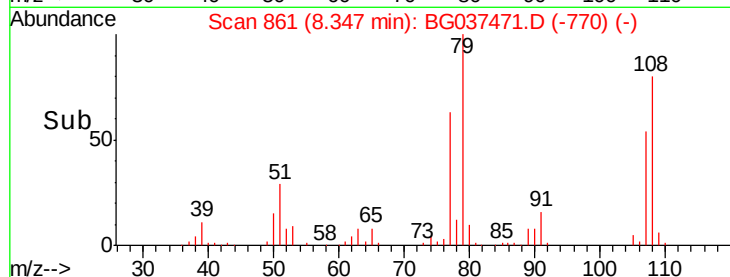
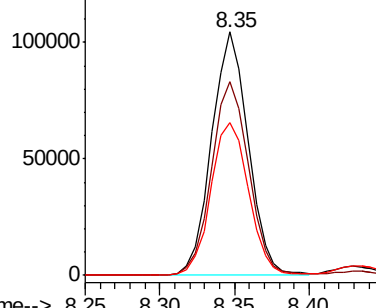
Tgt Ion:	79	Resp:	177816
Ion Ratio	Lower	Upper	
79	100		
108	79.5	65.8	98.8
77	62.5	52.9	79.3

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Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.633 ng

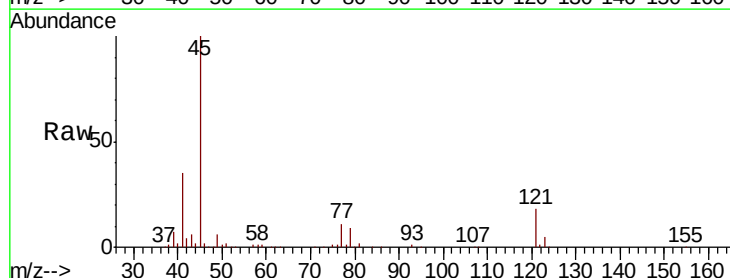
RT: 8.63 min Scan# 909

Delta R.T. -0.00 min

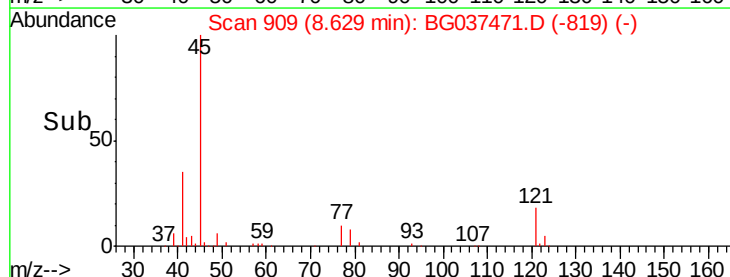
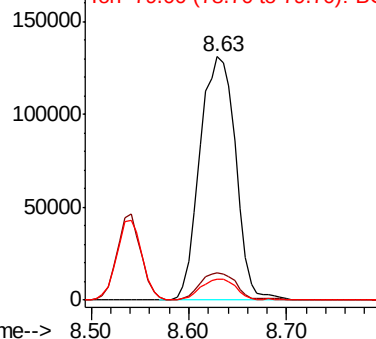
Lab File: BG037471.D

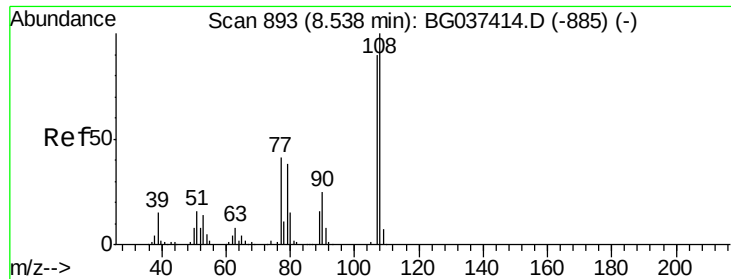
Acq: 20 Oct 2018 4:20

Tgt Ion:	45	Resp:	334209
Ion Ratio	Lower	Upper	
45	100		
77	11.1	0.0	30.0
79	8.5	0.0	29.0



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





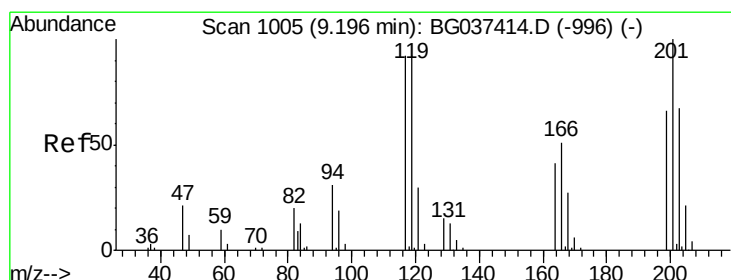
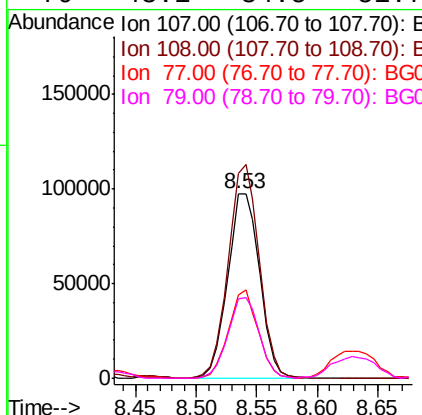
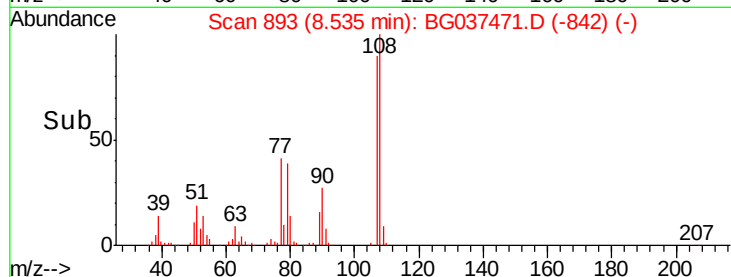
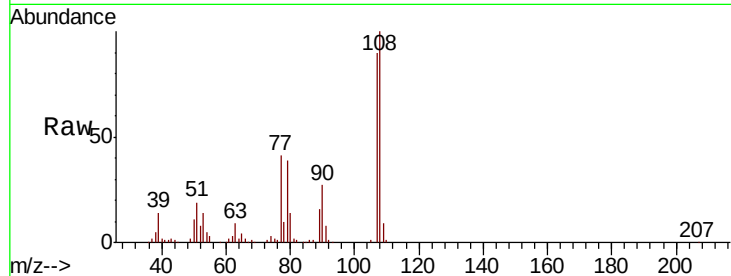
#17
2-Methylphenol
Concen: 47.037 ng
RT: 8.53 min Scan# 893
Delta R.T. -0.00 min
Lab File: BG037471.D
Acq: 20 Oct 2018 4:20

Instrument :
BNA_G
ClientSampleId :
PB113548BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.7	87.9	131.9	
77	45.2	35.1	52.7	
79	43.1	34.5	51.7	

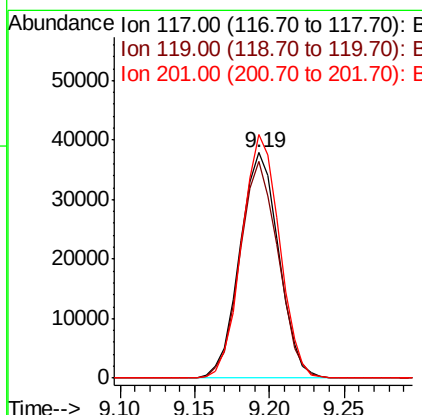
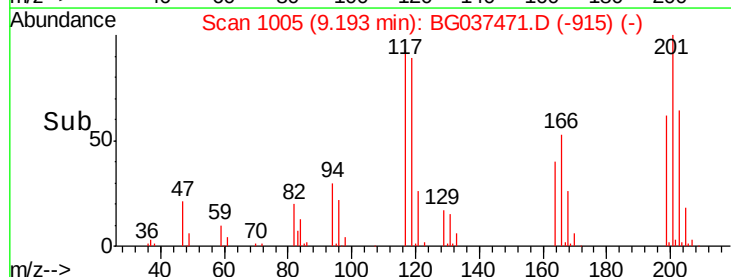
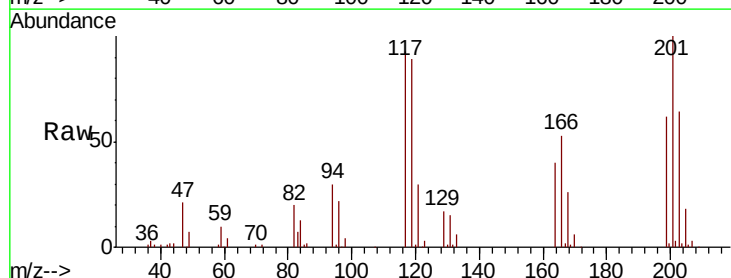
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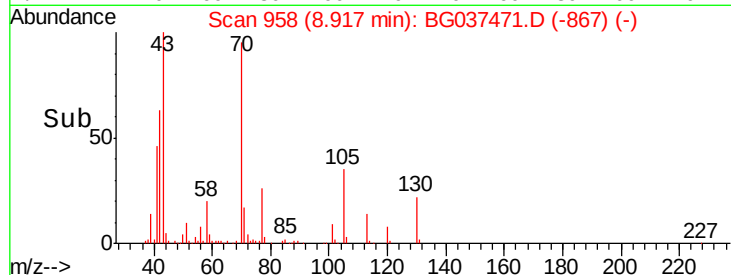
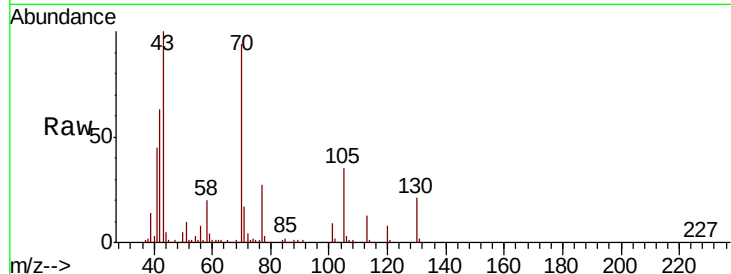
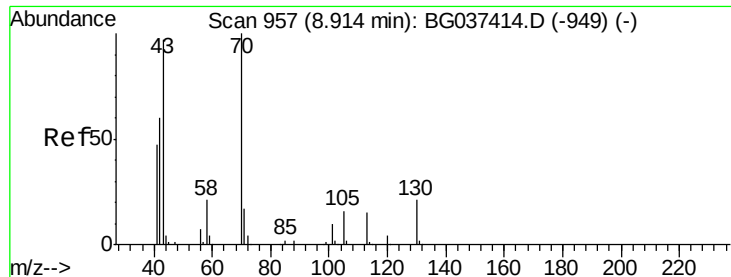
Sohil
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#18
Hexachloroethane
Concen: 41.635 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BG037471.D
Acq: 20 Oct 2018 4:20

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.2	74.6	111.8	
201	111.5	80.8	121.2	





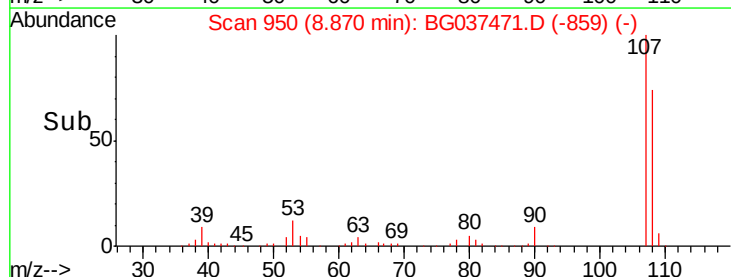
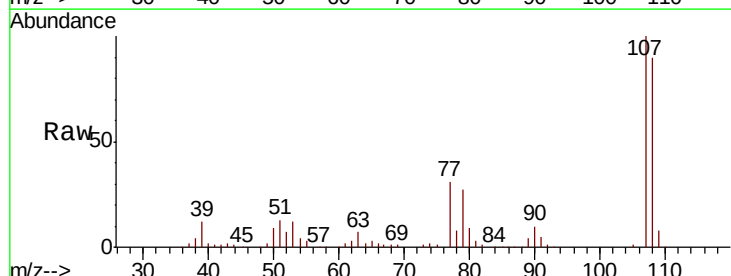
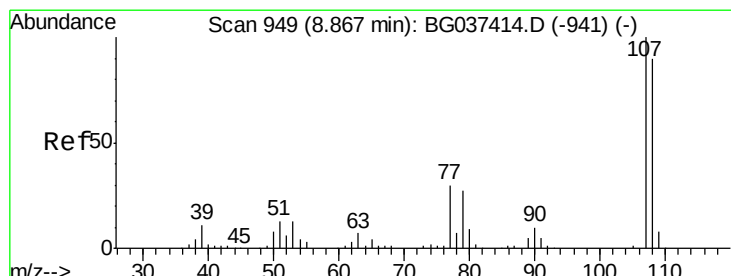
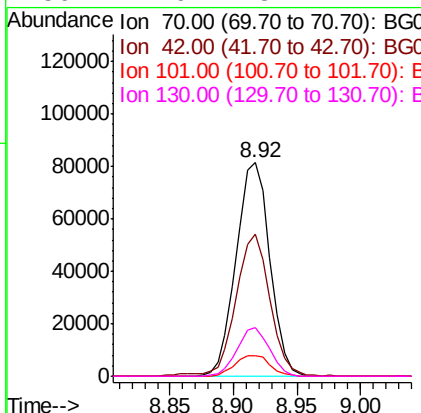
#19
n-Nitroso-di-n-propylamine
Concen: 39.882 ng
RT: 8.92 min Scan# 958
Delta R.T. 0.00 min
Lab File: BG037471.D
Acq: 20 Oct 2018 4:20

Tgt Ion	Ratio	Lower	Upper
70	100		
42	66.7	53.9	80.9
101	9.7	8.2	12.2
130	22.9	18.2	27.4

Instrument :
BNA_G
ClientSampleId :
PB113548BS

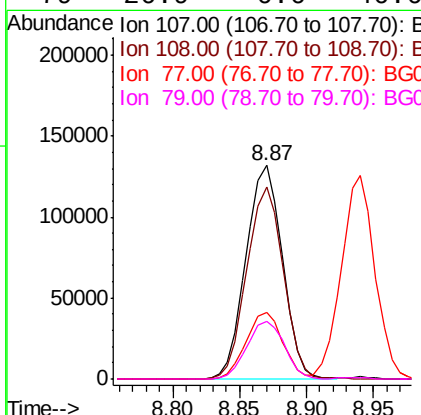
Manual Integrations
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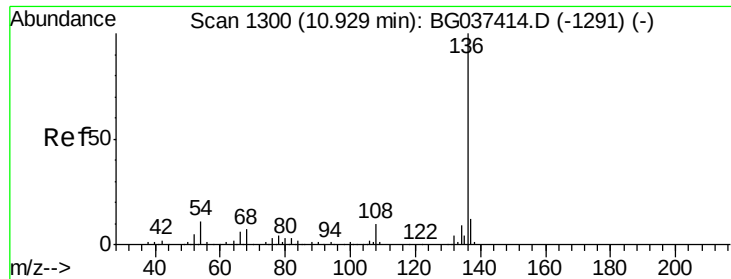
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#20
3+4-Methylphenols
Concen: 45.817 ng
RT: 8.87 min Scan# 950
Delta R.T. 0.00 min
Lab File: BG037471.D
Acq: 20 Oct 2018 4:20

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.0	69.9	109.9
77	31.4	11.2	51.2
79	26.9	6.6	46.6





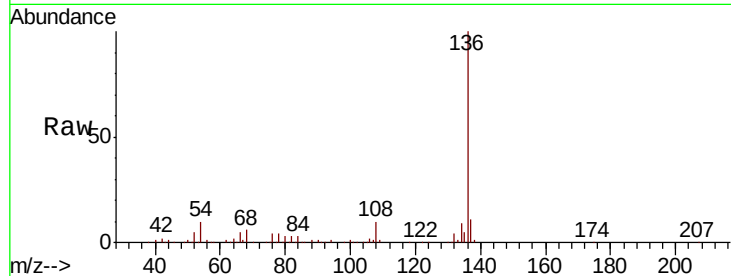
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BG037471.D
Acq: 20 Oct 2018 4:20

Instrument :
BNA_G
ClientSampleId :
PB113548BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	264637		
137	11.3	9.6	14.4	
54	10.1	7.9	11.9	
68	6.1	4.8	7.2	

Manual Integrations
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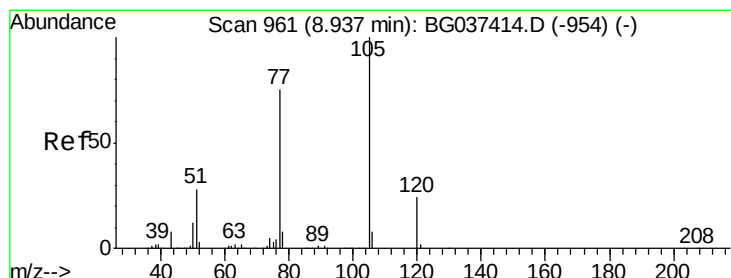
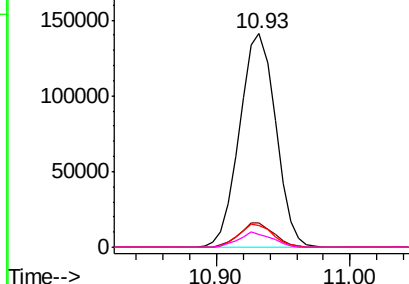
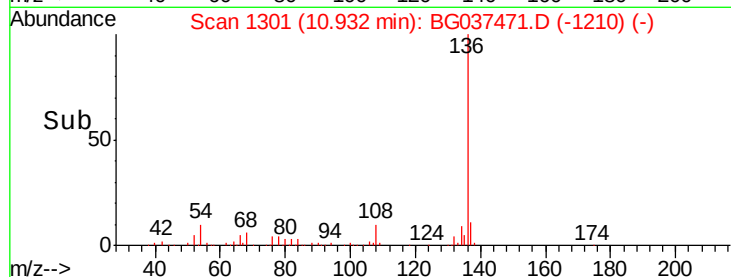
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

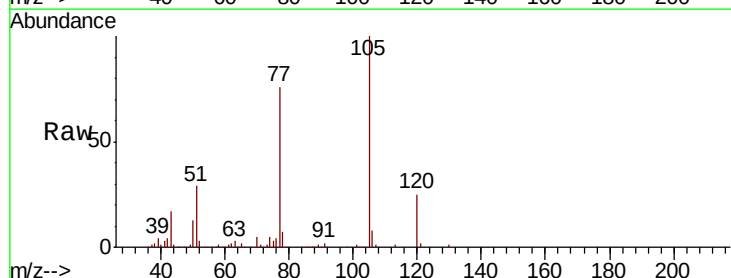
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 43.497 ng
RT: 8.94 min Scan# 962
Delta R.T. 0.00 min
Lab File: BG037471.D
Acq: 20 Oct 2018 4:20

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	288686		
71	0.8	1.2	1.8#	
51	29.2	25.0	37.6	
120	25.0	18.6	28.0	



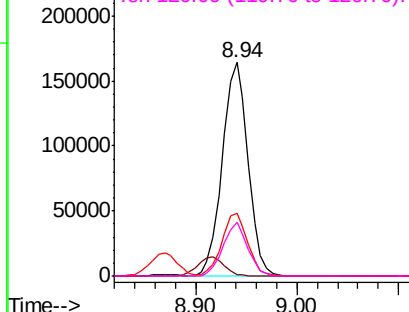
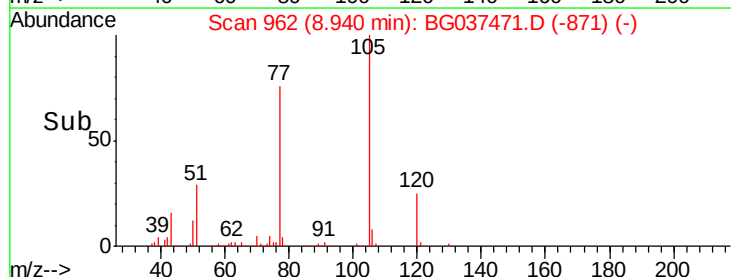
Abundance

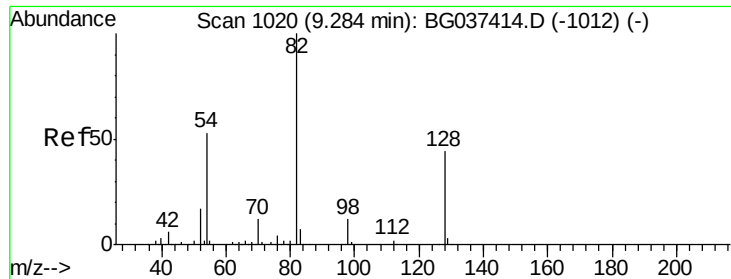
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





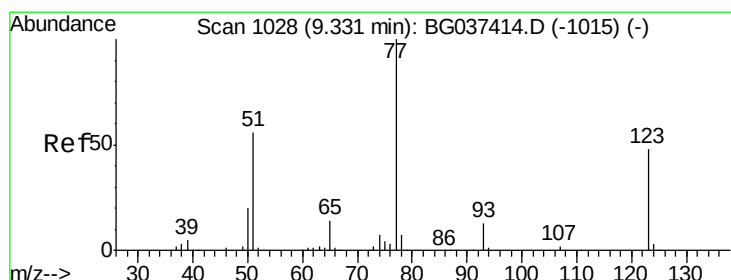
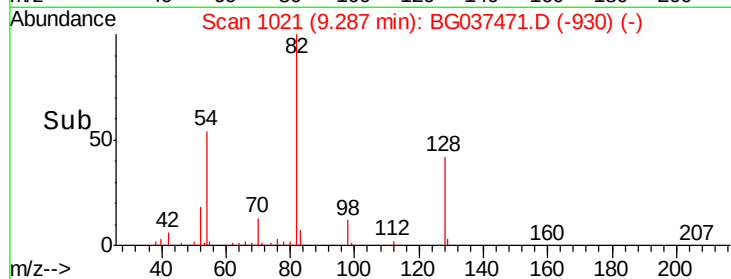
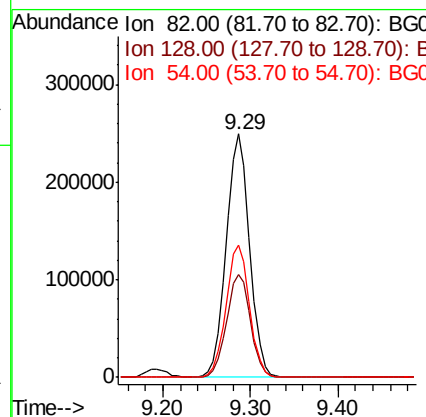
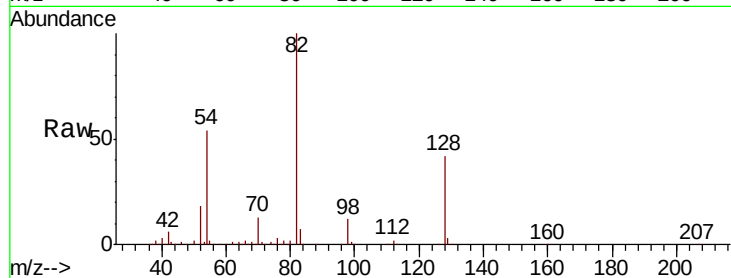
#23
 Nitrobenzene-d5
 Concen: 96.669 ng
 RT: 9.29 min Scan# 1021
 Delta R.T. 0.00 min
 Lab File: BG037471.D
 Acq: 20 Oct 2018 4:20

Instrument :
 BNA_G
 ClientSampleId :
 PB113548BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	456671		
128	42.1	34.6	51.8	
54	54.3	45.3	67.9	

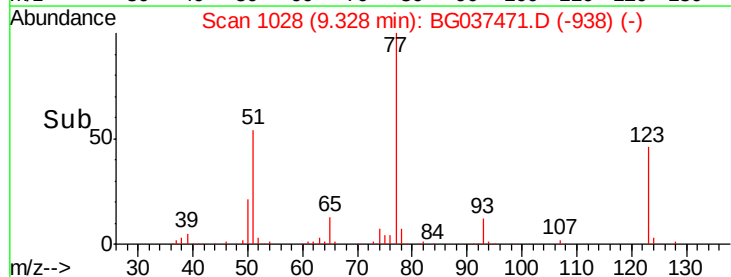
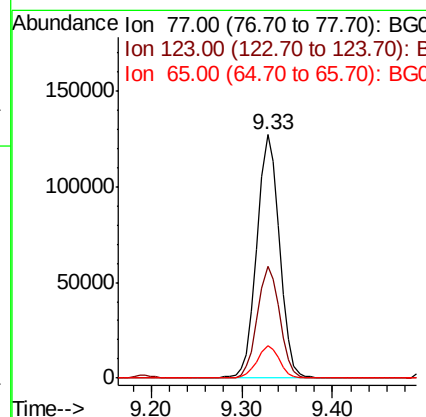
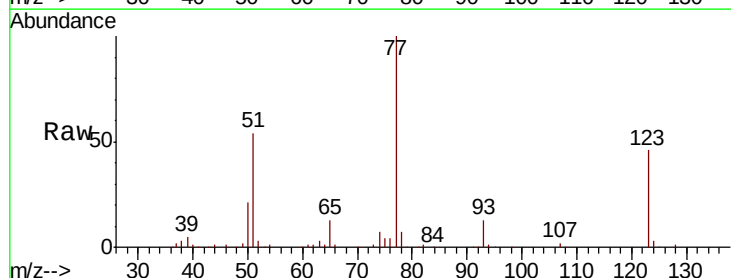
Manual Integrations
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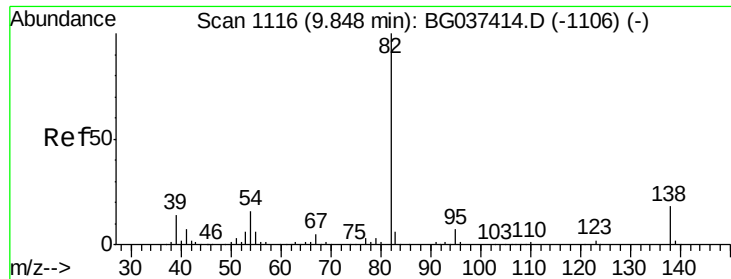
Sohil
 10/22/2018 3:39:38 PM



#24
 Nitrobenzene
 Concen: 44.888 ng
 RT: 9.33 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BG037471.D
 Acq: 20 Oct 2018 4:20

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	220291		
123	46.1	33.6	50.4	
65	13.4	11.3	16.9	





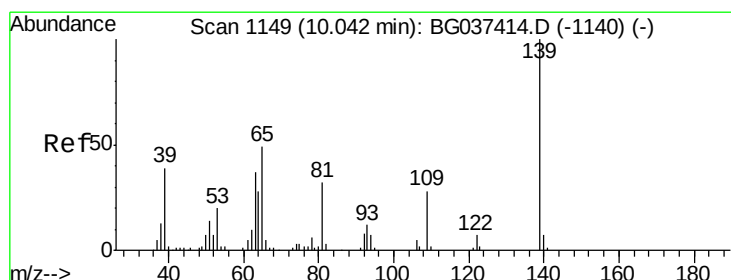
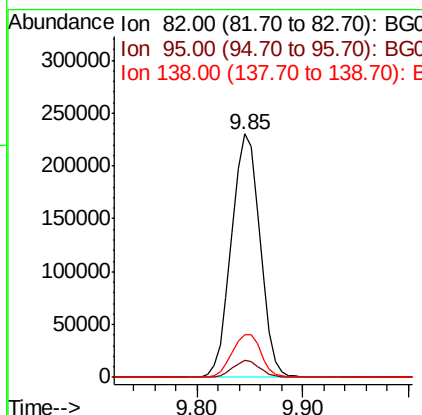
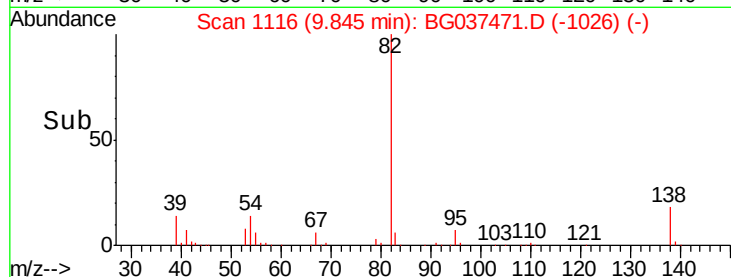
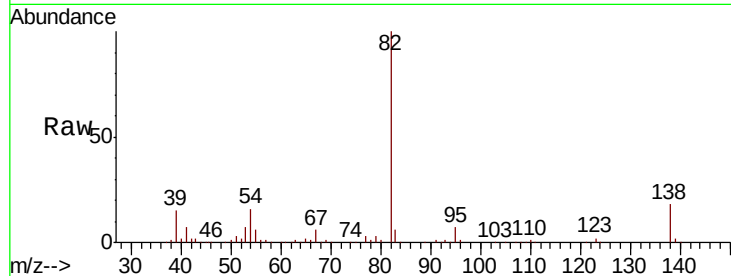
#25
Isophorone
Concen: 49.971 ng
RT: 9.85 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BG037471.D
Acq: 20 Oct 2018 4:20

Instrument :
BNA_G
ClientSampleId :
PB113548BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	431335		
95	7.1	5.3	7.9	
138	17.5	13.3	19.9	

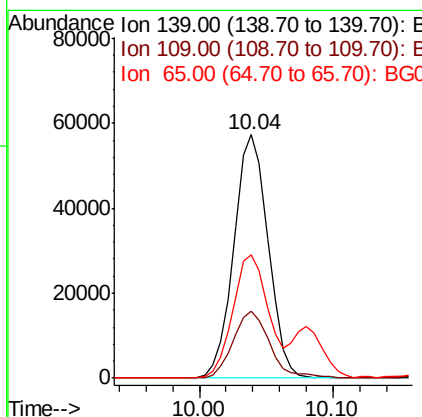
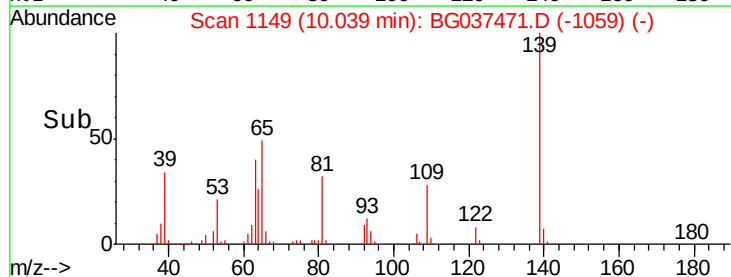
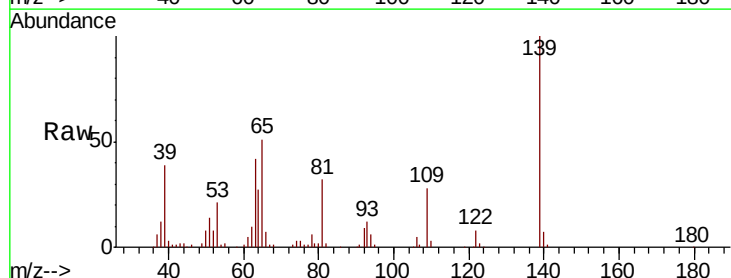
Manual Integrations
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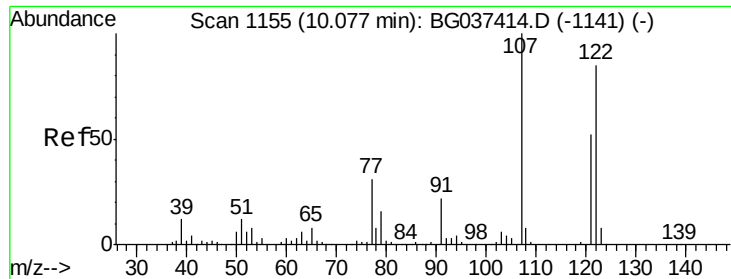
Sohil
10/22/2018 3:39:38 PM



#26
2-Nitrophenol
Concen: 45.909 ng
RT: 10.04 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BG037471.D
Acq: 20 Oct 2018 4:20

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	101497		
109	27.6	23.3	34.9	
65	50.9	39.8	59.8	





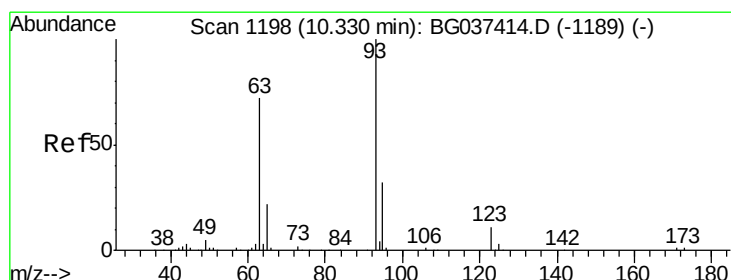
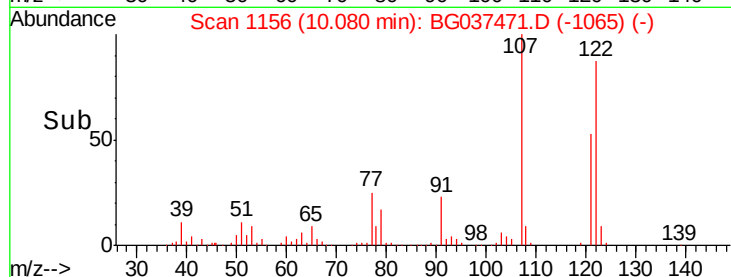
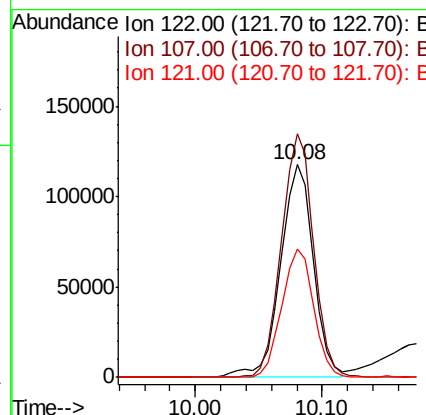
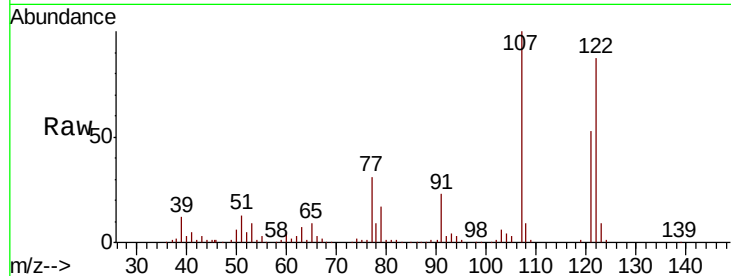
#27
2,4-Dimethylphenol
Concen: 53.961 ng
RT: 10.08 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BG037471.D
Acq: 20 Oct 2018 4:20

Instrument :
BNA_G
ClientSampleId :
PB113548BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	213006		
107	114.6	94.2	141.2	
121	60.4	47.3	70.9	

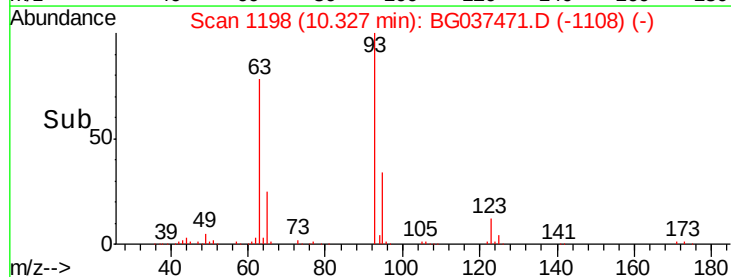
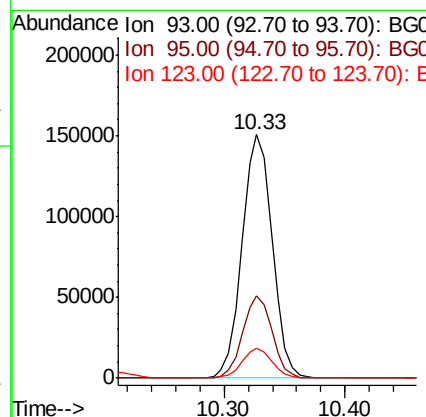
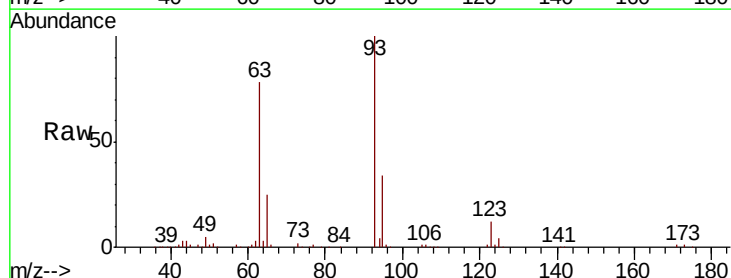
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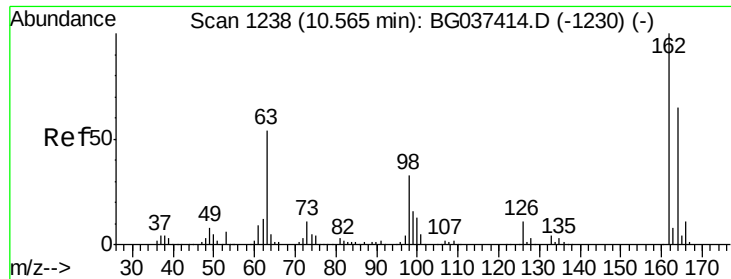
Sohil
10/22/2018 3:39:38 PM



#28
bis(2-Chloroethoxy)methane
Concen: 46.529 ng
RT: 10.33 min Scan# 1198
Delta R.T. -0.00 min
Lab File: BG037471.D
Acq: 20 Oct 2018 4:20

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	263135		
95	33.7	24.6	37.0	
123	12.1	9.1	13.7	





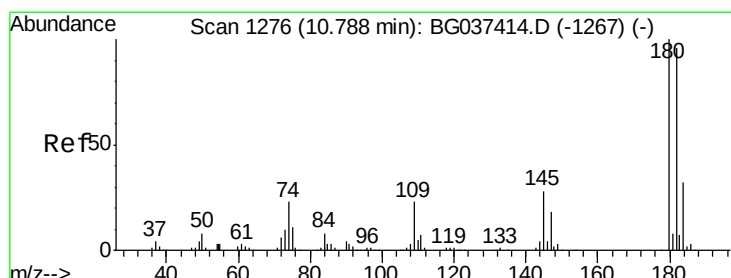
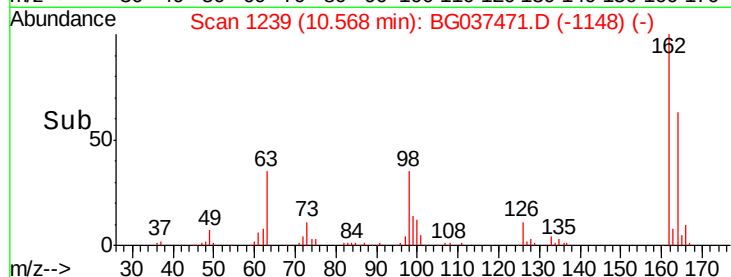
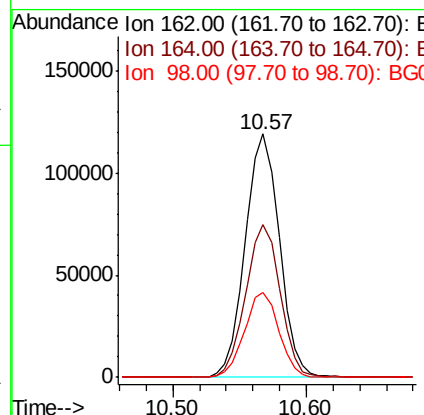
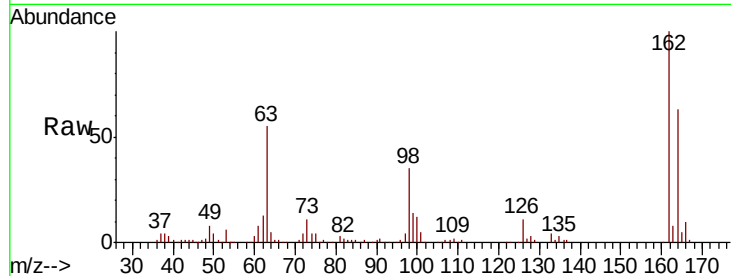
#29
2,4-Dichlorophenol
Concen: 48.017 ng
RT: 10.57 min Scan# 1239
Delta R.T. 0.00 min
Lab File: BG037471.D
Acq: 20 Oct 2018 4:20

Instrument :
BNA_G
ClientSampleId :
PB113548BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	62.6	43.2	83.2
98	35.0	16.0	56.0

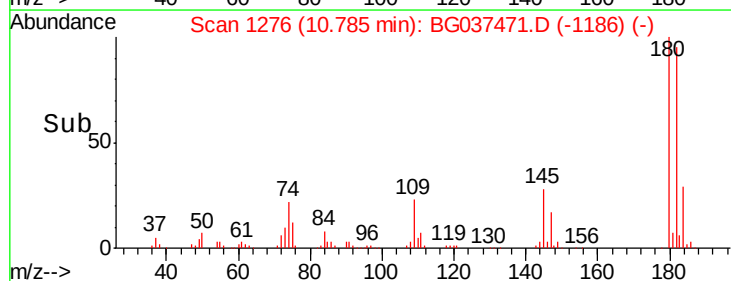
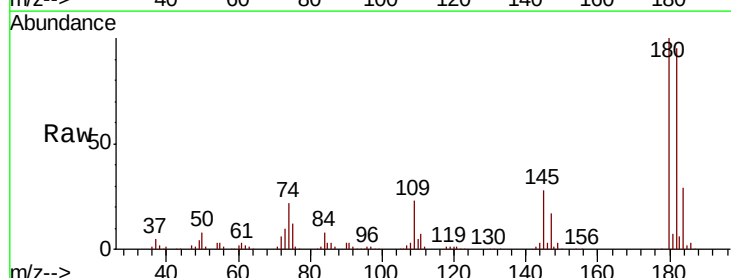
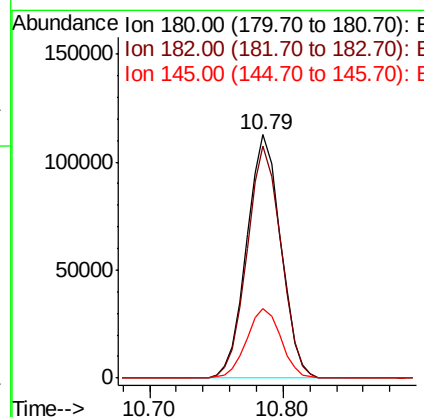
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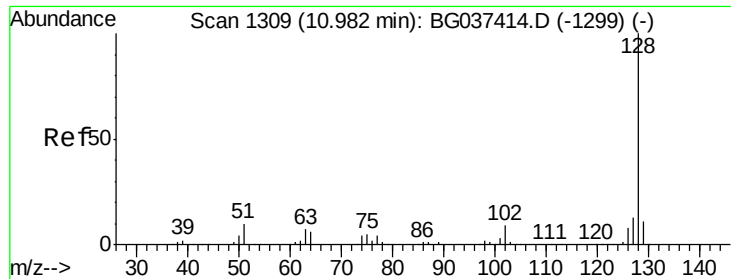
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 41.401 ng
RT: 10.79 min Scan# 1276
Delta R.T. -0.00 min
Lab File: BG037471.D
Acq: 20 Oct 2018 4:20

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.5	77.7	116.5
145	28.3	23.3	34.9





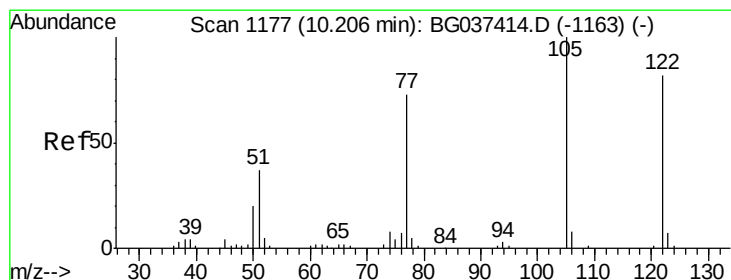
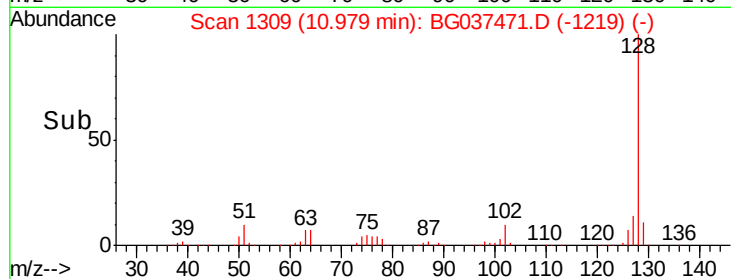
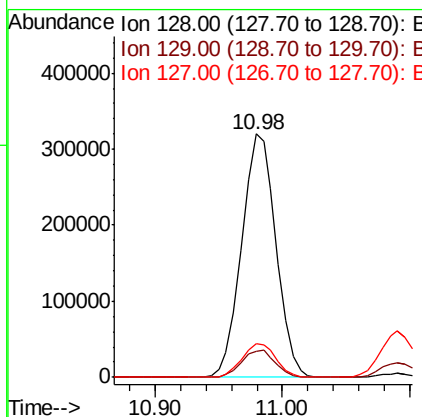
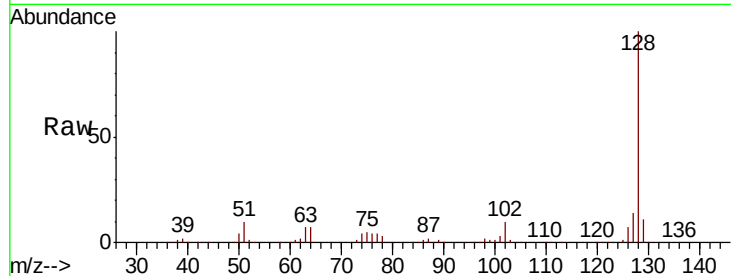
#31
Naphthalene
Concen: 46.085 ng
RT: 10.98 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BG037471.D
Acq: 20 Oct 2018 4:20

Instrument :
BNA_G
ClientSampleId :
PB113548BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	599030		
129	10.8	9.0	13.6	
127	13.9	11.1	16.7	

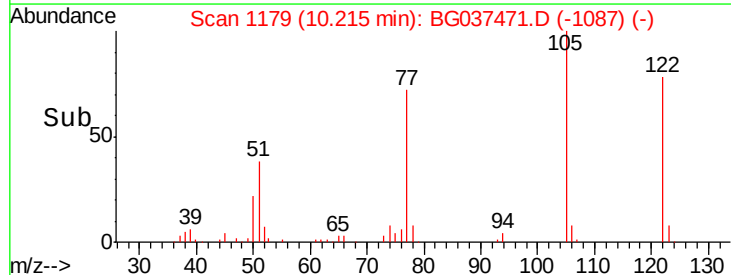
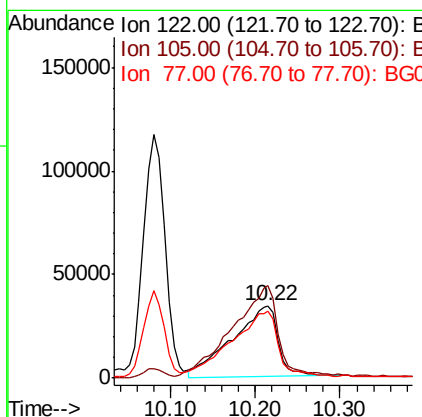
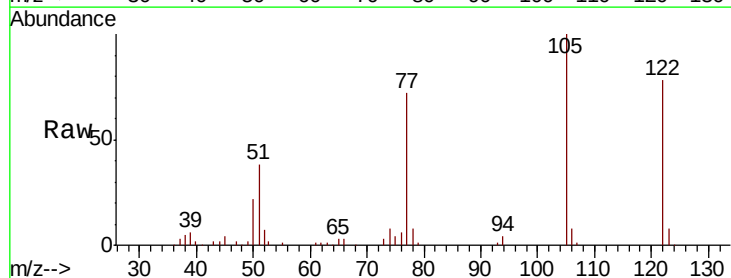
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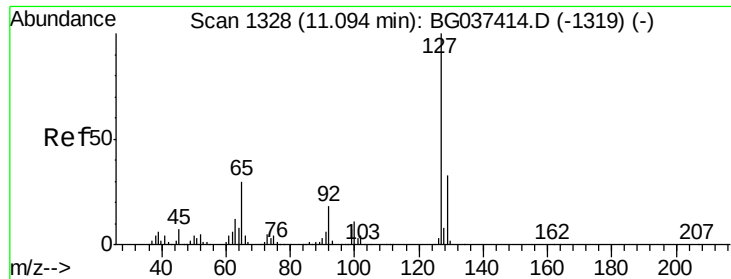
Sohil
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#32
Benzoic acid
Concen: 49.999 ng
RT: 10.22 min Scan# 1179
Delta R.T. 0.01 min
Lab File: BG037471.D
Acq: 20 Oct 2018 4:20

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	128190		
105	128.3	106.7	146.7	
77	92.6	72.2	112.2	





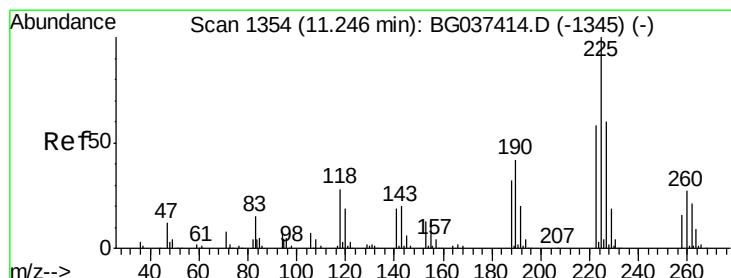
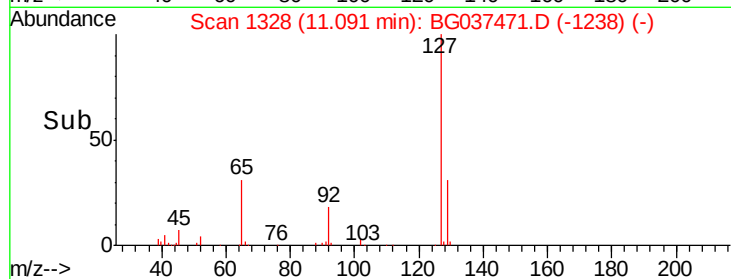
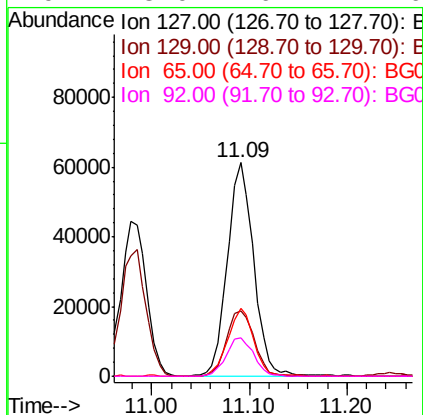
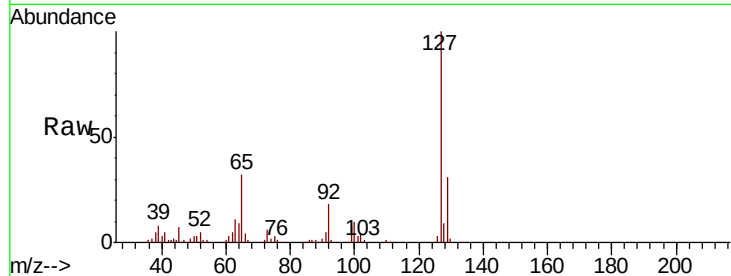
#33
4-Chloroaniline
Concen: 18.872 ng
RT: 11.09 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BG037471.D
Acq: 20 Oct 2018 4:20

Instrument :
BNA_G
ClientSampleId :
PB113548BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	115261		
129	30.6	27.1	40.7	
65	31.7	26.6	39.8	
92	18.0	16.4	24.6	

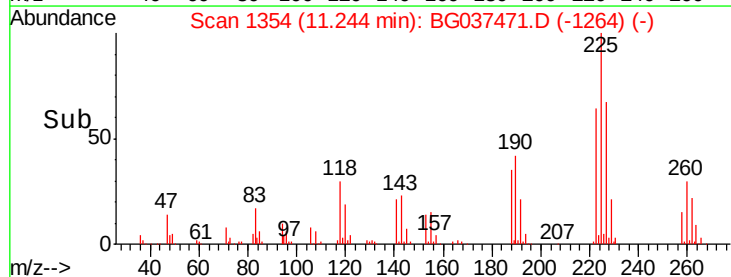
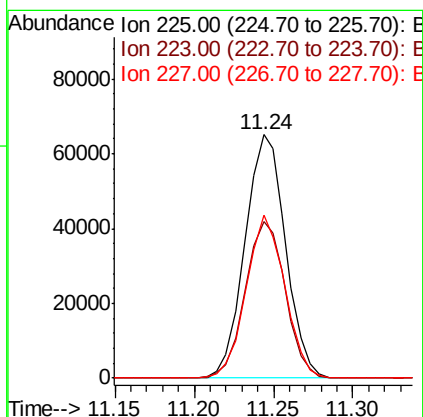
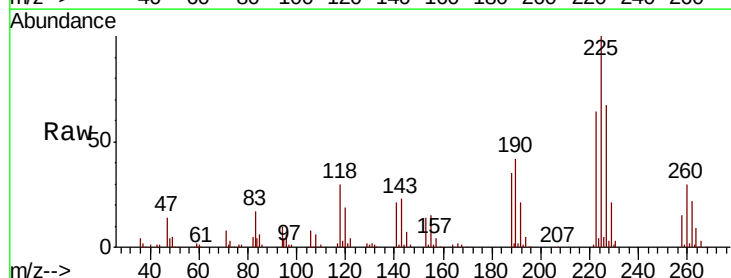
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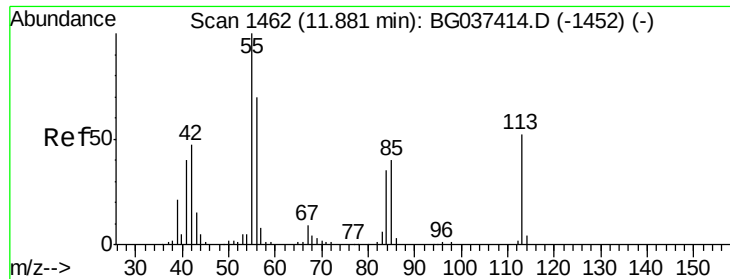
Sohil
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#34
Hexachlorobutadiene
Concen: 40.737 ng
RT: 11.24 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BG037471.D
Acq: 20 Oct 2018 4:20

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	115395		
223	64.1	48.2	72.4	
227	69.9	51.6	77.4	





#35

Caprolactam

Concen: 45.172 ng m

RT: 11.88 min Scan# 1462

Delta R.T. -0.00 min

Lab File: BG037471.D

Acq: 20 Oct 2018 4:20

Instrument :

BNA_G

ClientSampleId :

PB113548BS

Tgt Ion:113 Resp: 79624

Ion Ratio Lower Upper

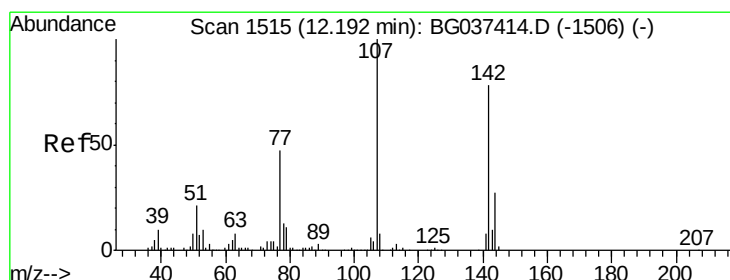
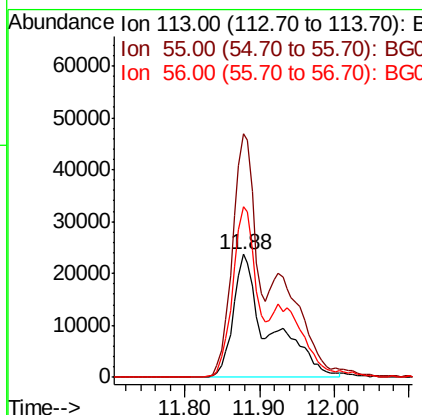
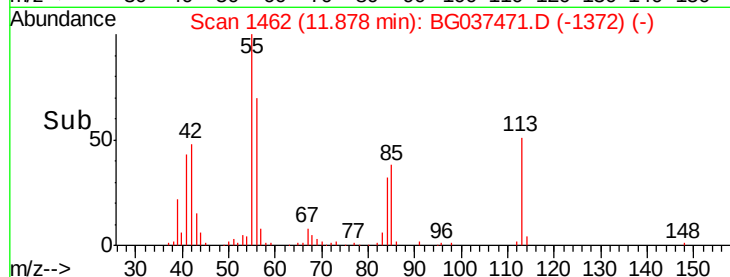
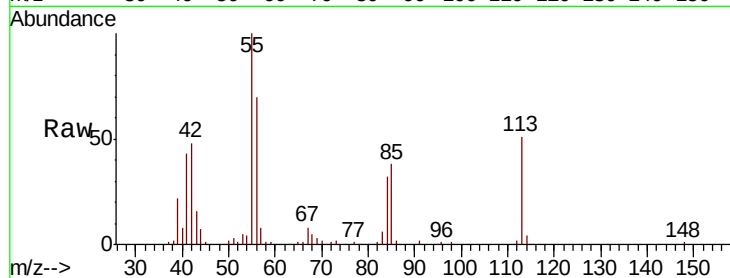
113 100

55 197.5 176.6 216.6

56 138.0 128.3 168.3

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#36

4-Chloro-3-methylphenol

Concen: 47.517 ng

RT: 12.19 min Scan# 1515

Delta R.T. -0.00 min

Lab File: BG037471.D

Acq: 20 Oct 2018 4:20

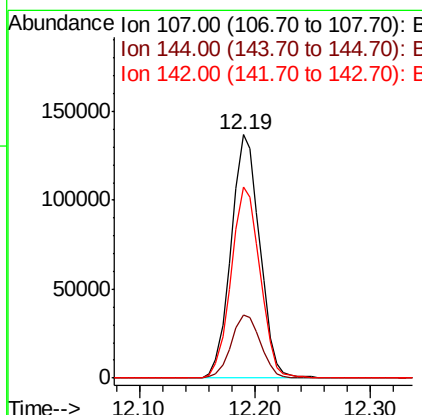
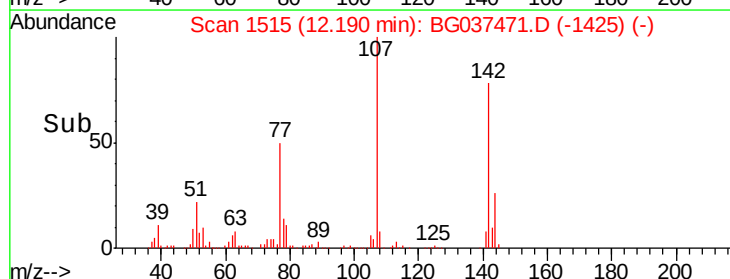
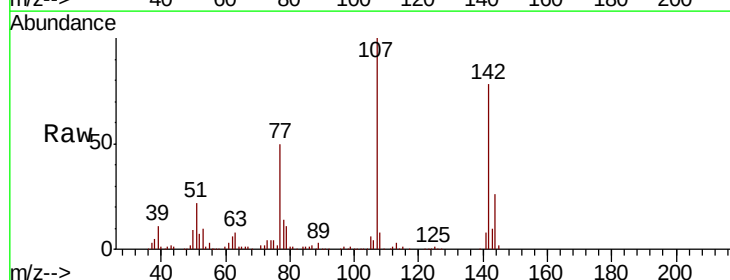
Tgt Ion:107 Resp: 235524

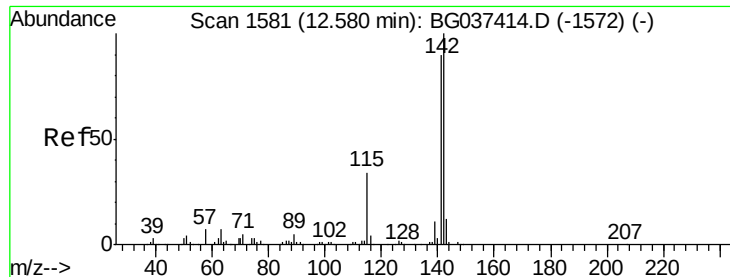
Ion Ratio Lower Upper

107 100

144 26.1 20.7 31.1

142 78.5 64.4 96.6





#37

2-Methylnaphthalene

Concen: 48.081 ng

RT: 12.58 min Scan# 1581

Delta R.T. -0.00 min

Lab File: BG037471.D

Acq: 20 Oct 2018 4:20

Instrument :

BNA_G

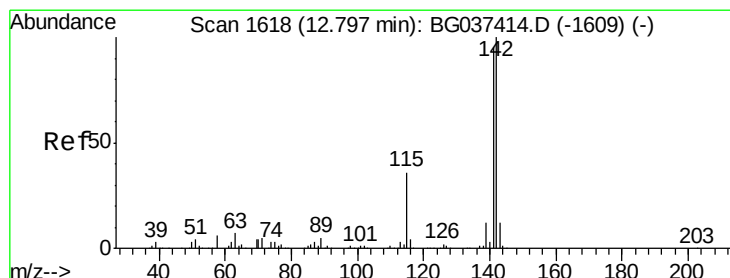
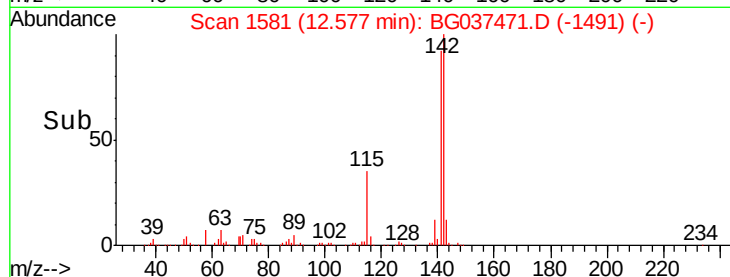
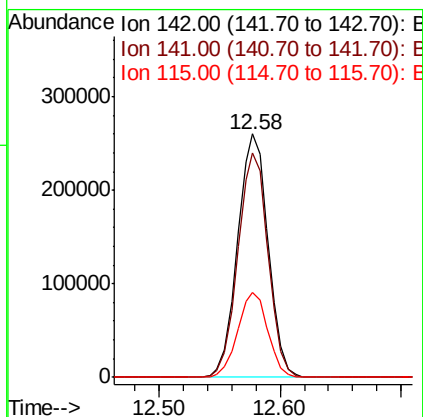
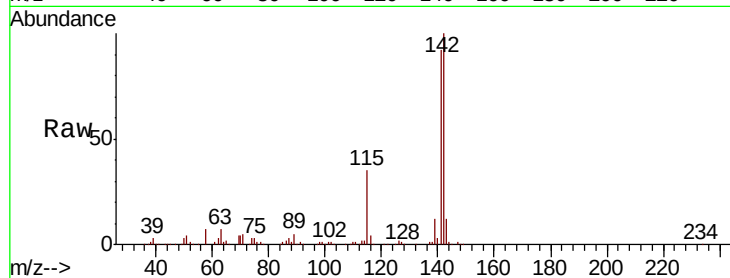
ClientSampleId :

PB113548BS

Tgt Ion:	142	Resp:	455583
Ion Ratio	Lower	Upper	
142	100		
141	92.4	71.9	107.9
115	34.9	27.8	41.8

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#38

1-Methylnaphthalene

Concen: 47.272 ng

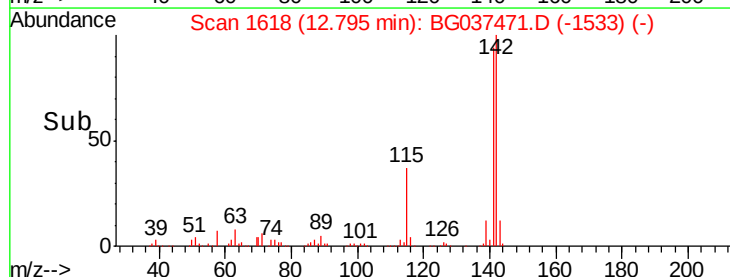
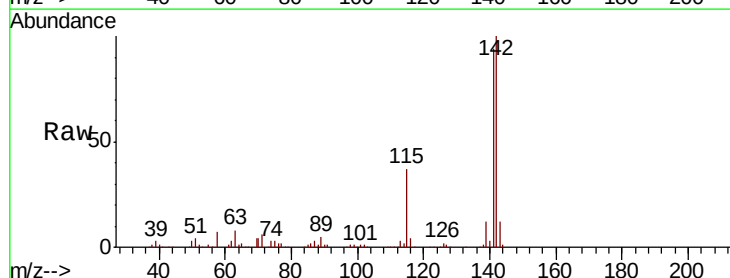
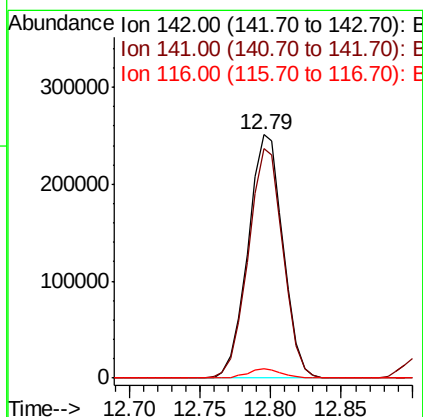
RT: 12.79 min Scan# 1618

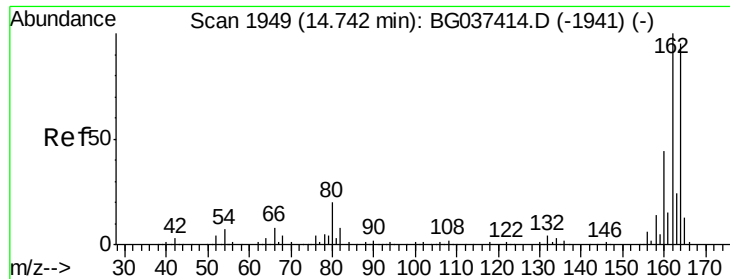
Delta R.T. -0.00 min

Lab File: BG037471.D

Acq: 20 Oct 2018 4:20

Tgt Ion:	142	Resp:	434984
Ion Ratio	Lower	Upper	
142	100		
141	94.2	75.2	112.8
116	3.8	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1950

Delta R.T. 0.00 min

Lab File: BG037471.D

Acq: 20 Oct 2018 4:20

Instrument :

BNA_G

ClientSampleId :

PB113548BS

Tgt Ion:164 Resp: 170992
Ion Ratio Lower Upper

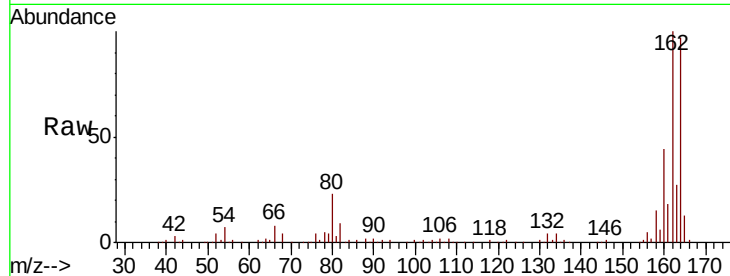
164 100

162 103.1 81.3 121.9

160 45.8 36.3 54.5

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Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

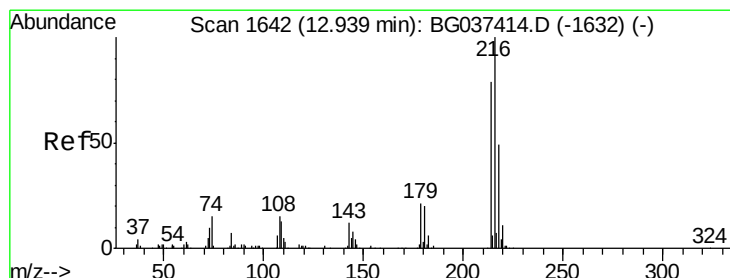
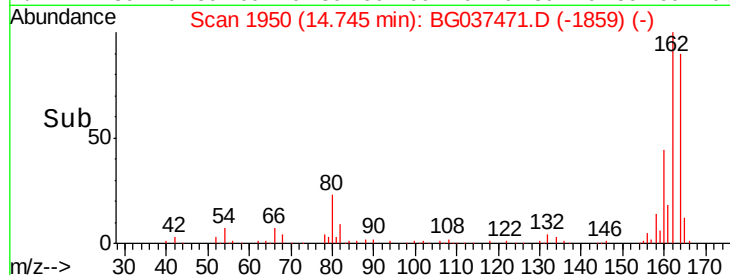
14.75

100000

50000

0

Time--> 14.65 14.70 14.75 14.80



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.513 ng

RT: 12.94 min Scan# 1642

Delta R.T. -0.00 min

Lab File: BG037471.D

Acq: 20 Oct 2018 4:20

Tgt Ion:216 Resp: 228963
Ion Ratio Lower Upper

216 100

214 79.8 63.8 95.6

179 21.1 17.4 26.0

108 20.0 13.9 20.9

Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

12.94

200000

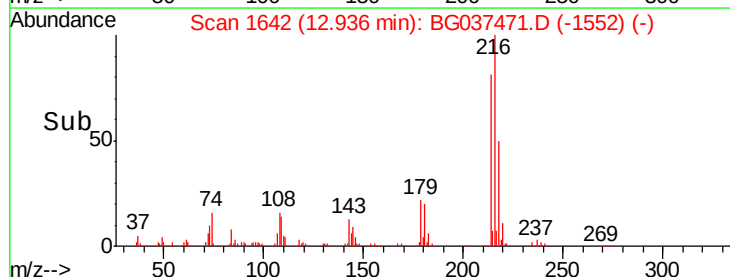
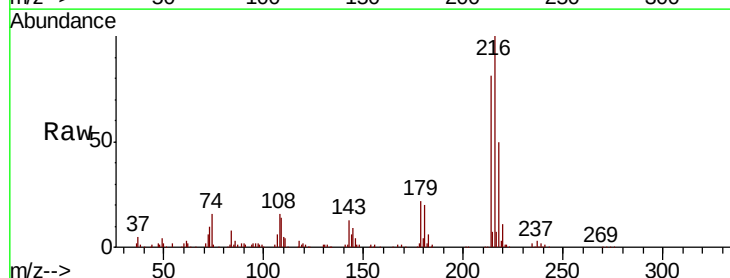
150000

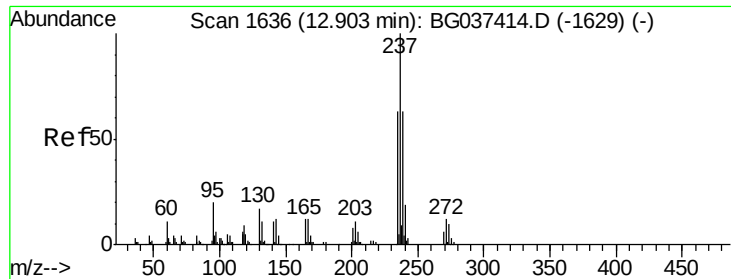
100000

50000

0

Time--> 12.85 12.90 12.95 13.00





#41

Hexachlorocyclopentadiene

Concen: 109.809 ng

RT: 12.91 min Scan# 1637

Delta R.T. 0.00 min

Lab File: BG037471.D

Acq: 20 Oct 2018 4:20

Instrument :

BNA_G

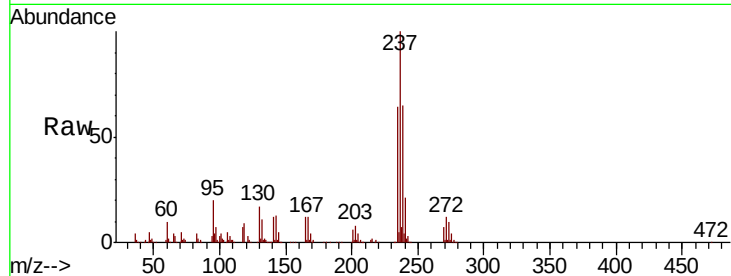
ClientSampleId :

PB113548BS

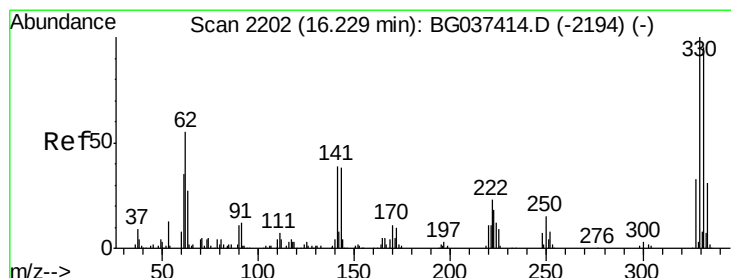
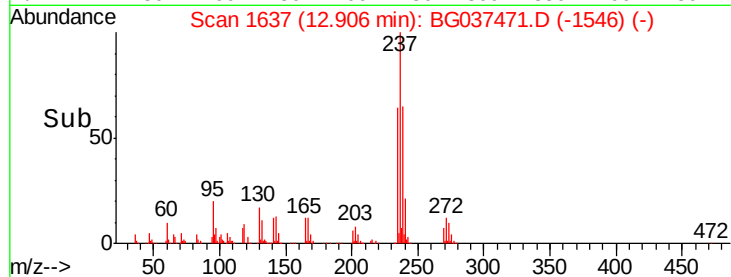
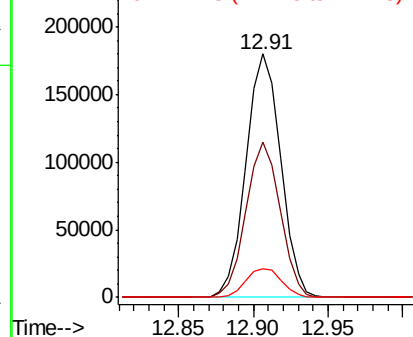
Tgt Ion:	237	Resp:	289299
Ion Ratio	Lower	Upper	
237	100		
235	63.8	42.5	82.5
272	12.0	0.0	31.6

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



#42

2,4,6-Tribromophenol

Concen: 104.881 ng

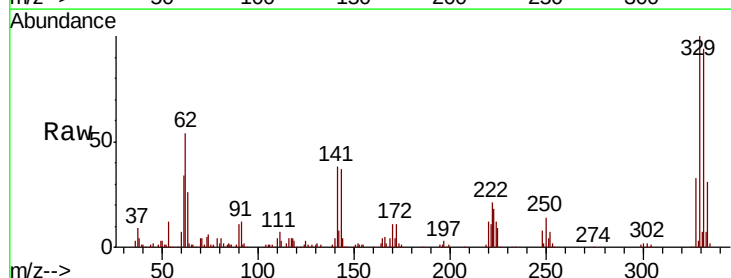
RT: 16.23 min Scan# 2203

Delta R.T. 0.00 min

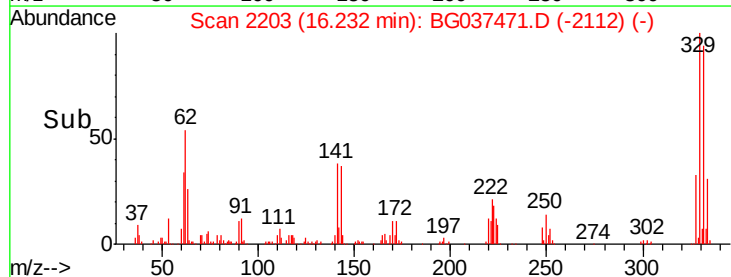
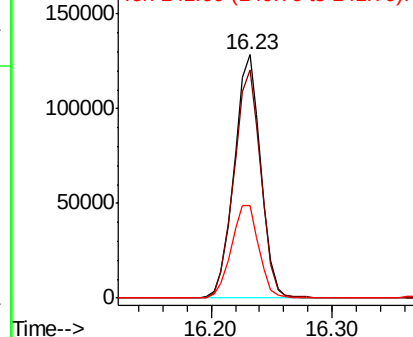
Lab File: BG037471.D

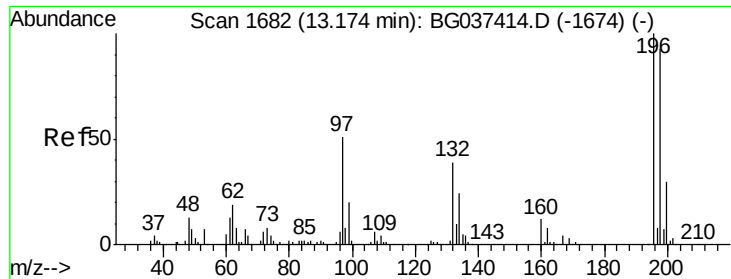
Acq: 20 Oct 2018 4:20

Tgt Ion:	330	Resp:	195603
Ion Ratio	Lower	Upper	
330	100		
332	95.4	78.4	117.6
141	39.7	32.2	48.2



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





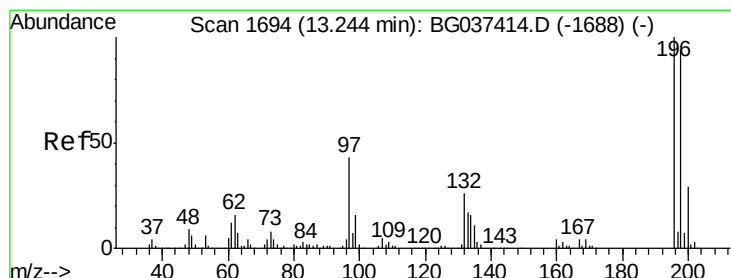
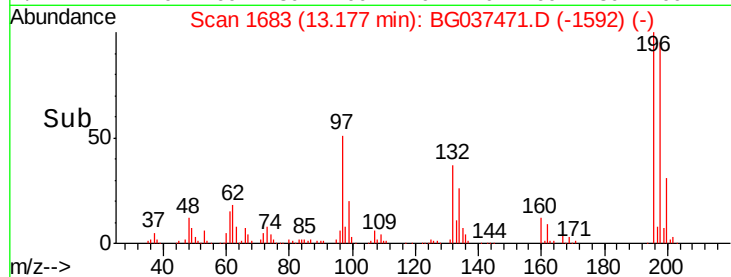
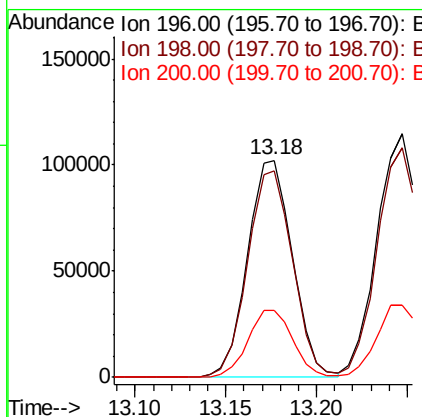
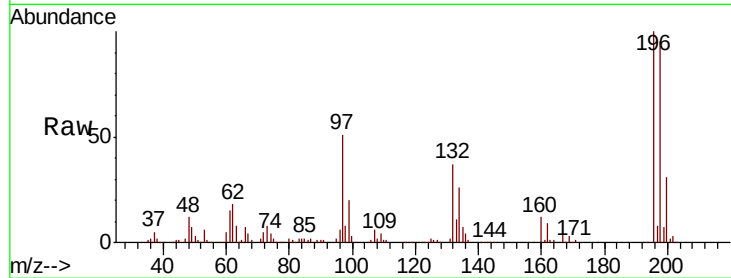
#43
 2,4,6-Trichlorophenol
 Concen: 47.749 ng
 RT: 13.18 min Scan# 1683
 Delta R.T. 0.00 min
 Lab File: BG037471.D
 Acq: 20 Oct 2018 4:20

Instrument :
 BNA_G
 ClientSampleId :
 PB113548BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	175942		
198	95.5	76.4	114.6	
200	30.9	24.9	37.3	

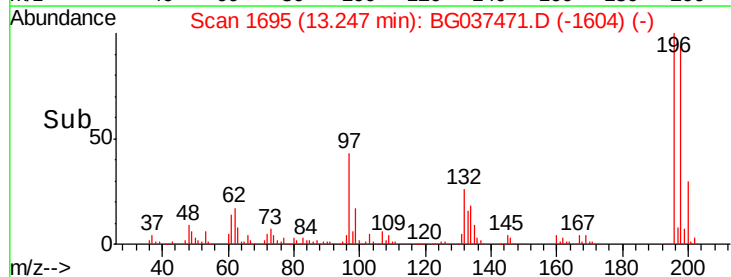
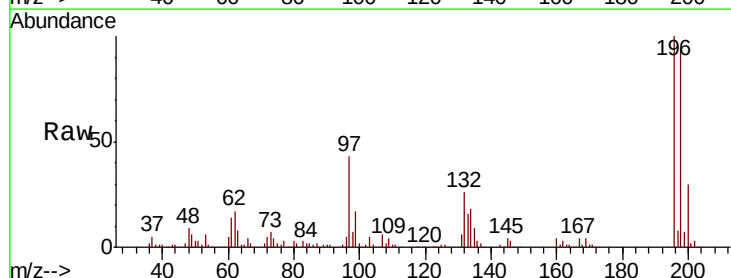
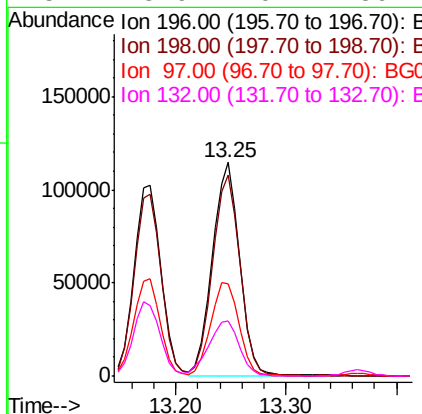
Manual Integrations
 APPROVED

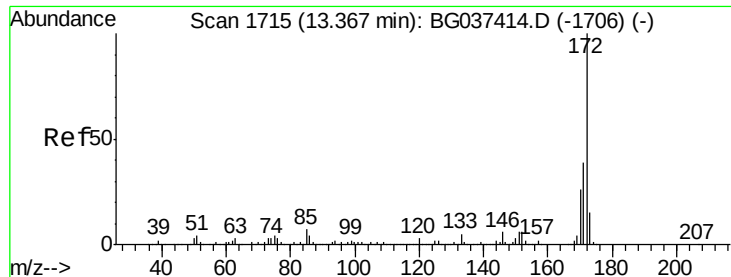
Sohil
 10/22/2018 3:39:38 PM



#44
 2,4,5-Trichlorophenol
 Concen: 48.457 ng
 RT: 13.25 min Scan# 1695
 Delta R.T. 0.00 min
 Lab File: BG037471.D
 Acq: 20 Oct 2018 4:20

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	194404		
198	94.1	74.2	111.2	
97	43.1	34.1	51.1	
132	25.9	20.2	30.4	





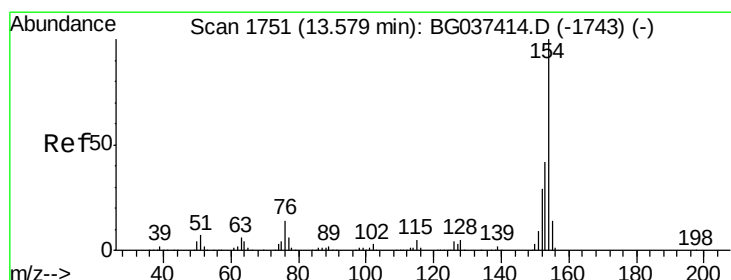
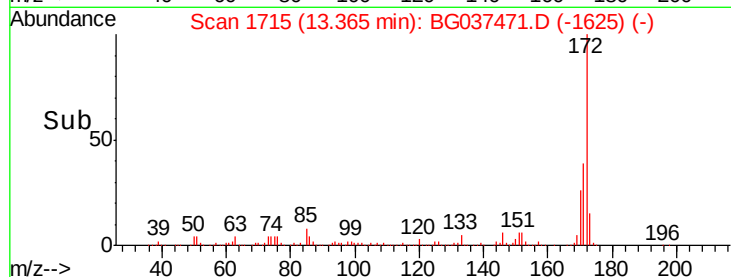
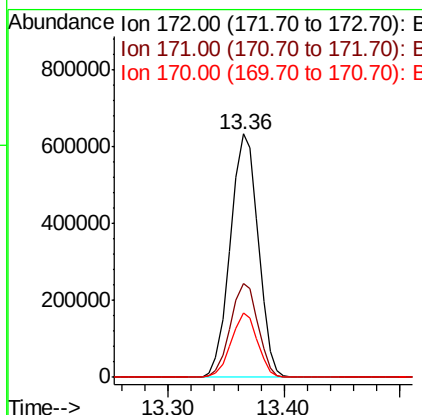
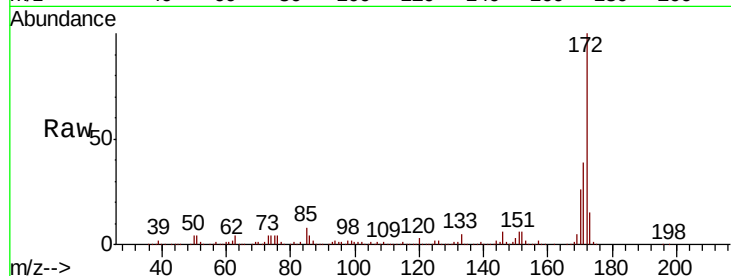
#45
2-Fluorobiphenyl
Concen: 92.933 ng
RT: 13.36 min Scan# 1715
Delta R.T. -0.00 min
Lab File: BG037471.D
Acq: 20 Oct 2018 4:20

Instrument :
BNA_G
ClientSampleId :
PB113548BS

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.7	31.0	46.4
170	26.4	20.2	30.2

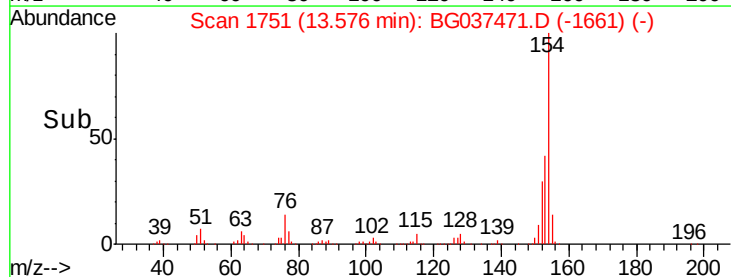
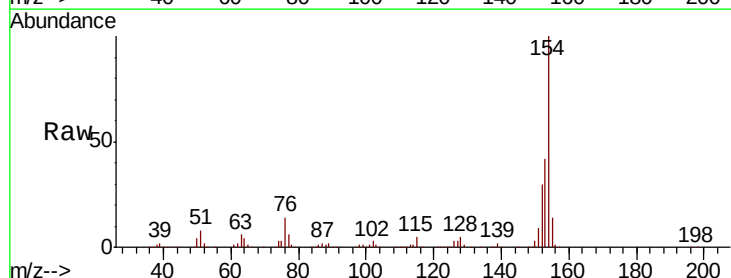
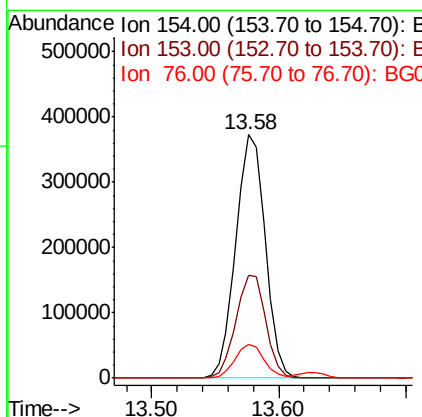
Manual Integrations
APPROVED

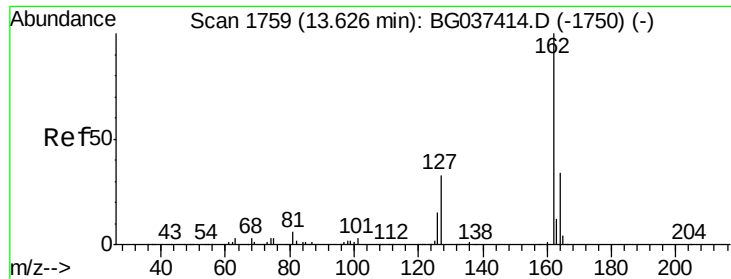
Sohil
10/22/2018 3:39:38 PM



#46
1,1'-Biphenyl
Concen: 42.272 ng
RT: 13.58 min Scan# 1751
Delta R.T. -0.00 min
Lab File: BG037471.D
Acq: 20 Oct 2018 4:20

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.3	22.1	62.1
76	13.8	0.0	33.2





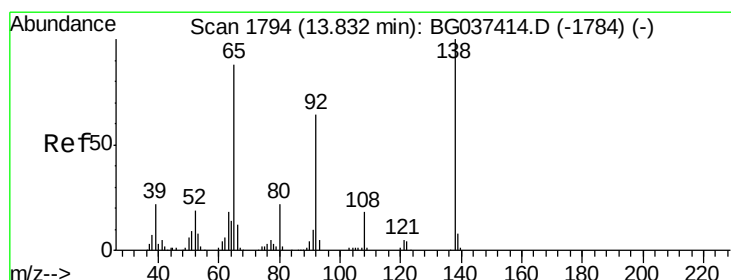
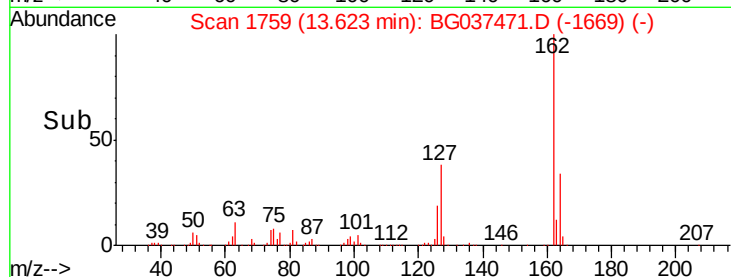
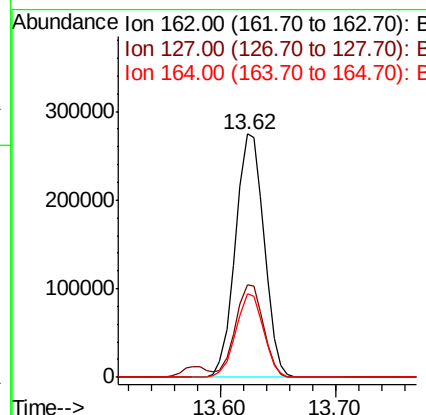
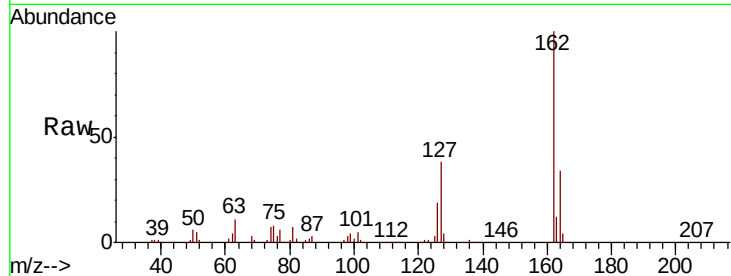
#47
2-Chloronaphthalene
Concen: 44.002 ng
RT: 13.62 min Scan# 1759
Delta R.T. -0.00 min
Lab File: BG037471.D
Acq: 20 Oct 2018 4:20

Instrument :
BNA_G
ClientSampleId :
PB113548BS

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.1	30.5	45.7
164	34.4	26.4	39.6

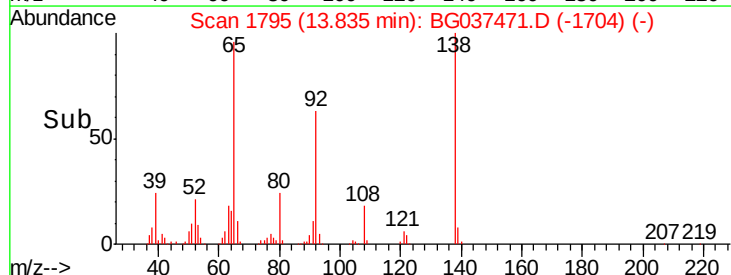
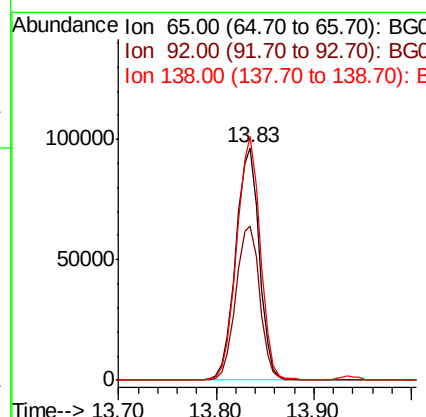
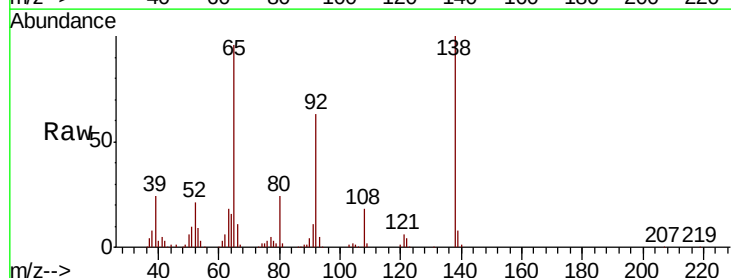
Manual Integrations
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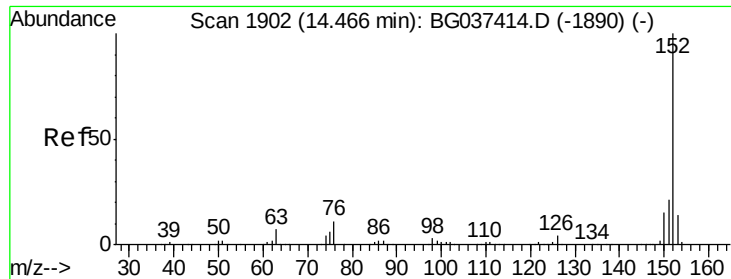
Sohil
10/22/2018 3:39:38 PM



#48
2-Nitroaniline
Concen: 49.643 ng
RT: 13.83 min Scan# 1795
Delta R.T. 0.00 min
Lab File: BG037471.D
Acq: 20 Oct 2018 4:20

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.3	53.2	79.8
138	104.7	79.3	118.9





#49

Acenaphthylene

Concen: 49.291 ng

RT: 14.47 min Scan# 1903

Delta R.T. 0.00 min

Lab File: BG037471.D

Acq: 20 Oct 2018 4:20

Instrument :

BNA_G

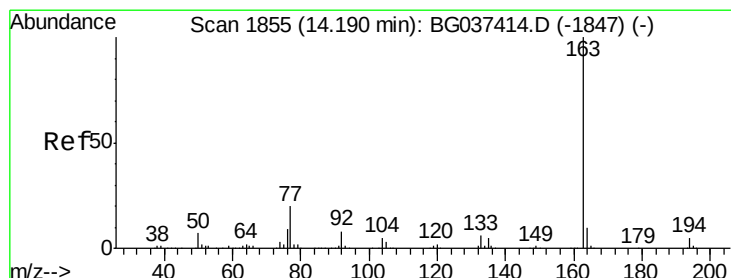
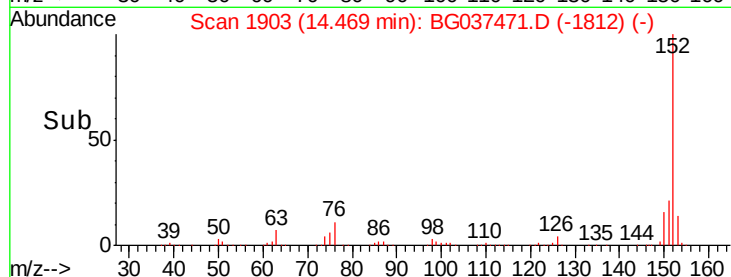
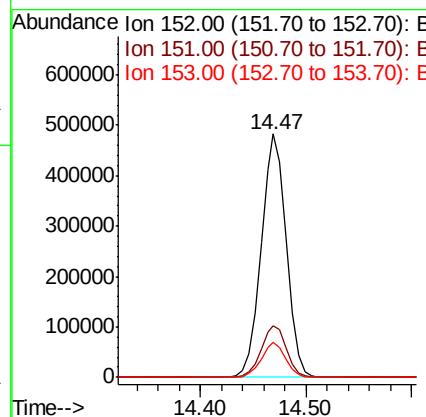
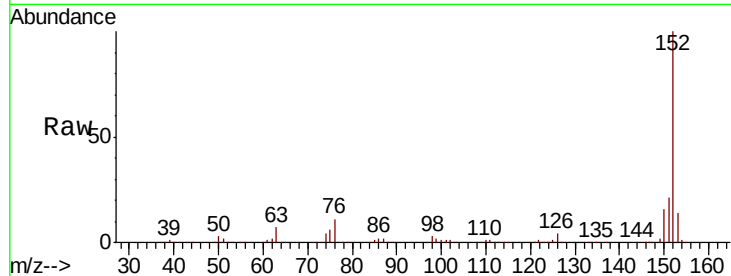
ClientSampleId :

PB113548BS

Tgt Ion:	152	Resp:	794366
Ion Ratio	Lower	Upper	
152	100		
151	21.3	17.1	25.7
153	14.2	11.1	16.7

Manual Integrations
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#50

Dimethylphthalate

Concen: 48.174 ng

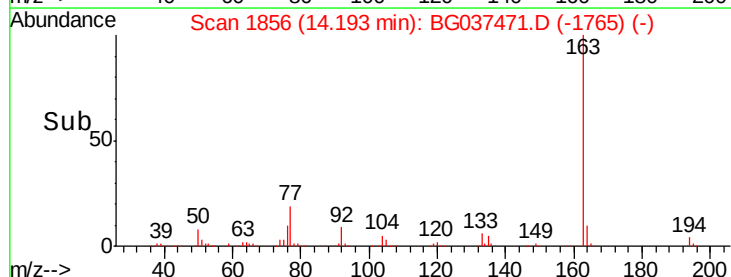
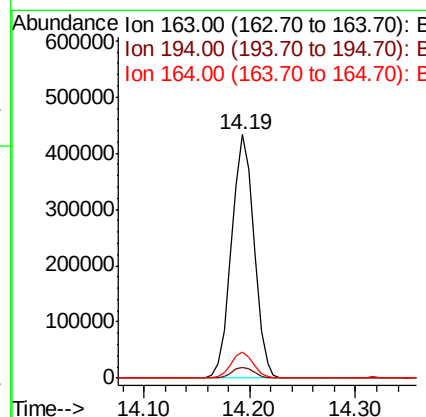
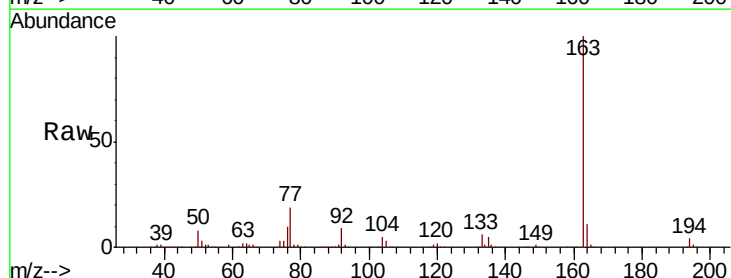
RT: 14.19 min Scan# 1856

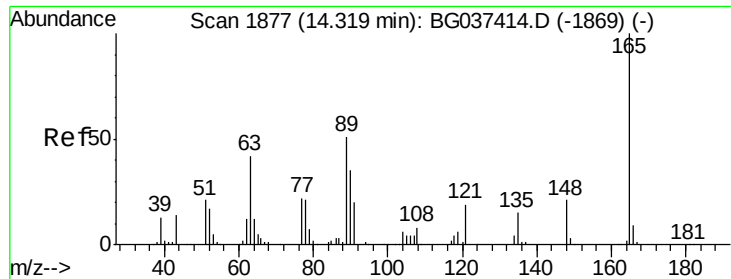
Delta R.T. 0.00 min

Lab File: BG037471.D

Acq: 20 Oct 2018 4:20

Tgt Ion:	163	Resp:	637252
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.5	5.3
164	10.5	8.5	12.7





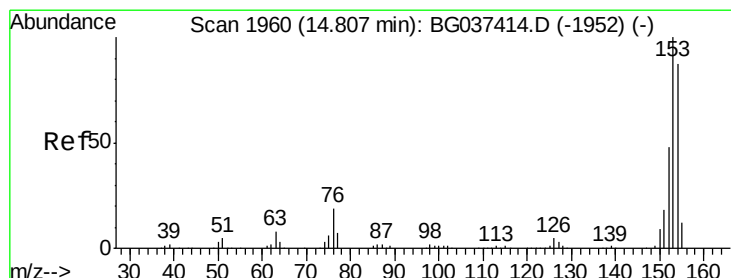
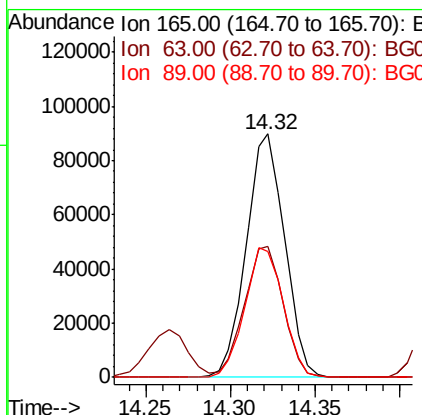
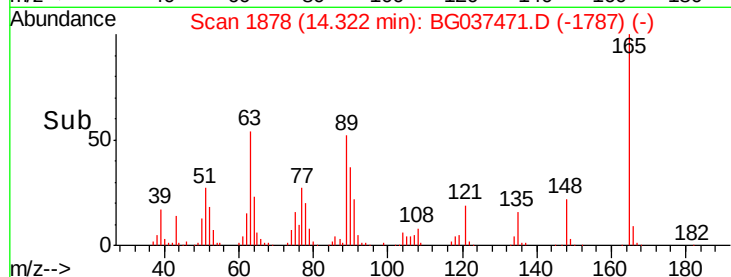
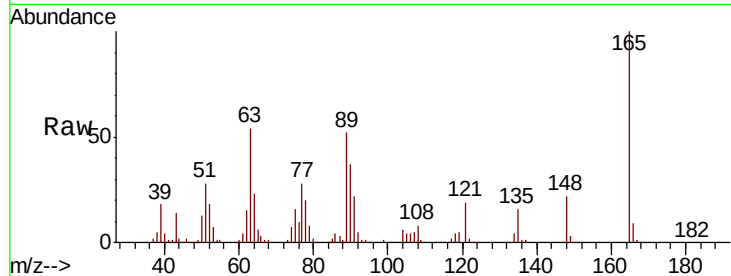
#51
2,6-Dinitrotoluene
Concen: 48.443 ng
RT: 14.32 min Scan# 1878
Delta R.T. 0.00 min
Lab File: BG037471.D
Acq: 20 Oct 2018 4:20

Instrument :
BNA_G
ClientSampleId :
PB113548BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	141761		
63	53.6	43.4	65.2	
89	51.8	45.8	68.6	

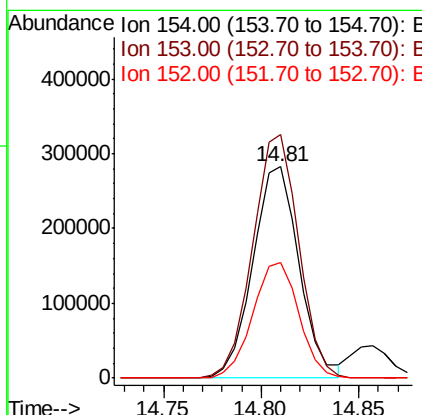
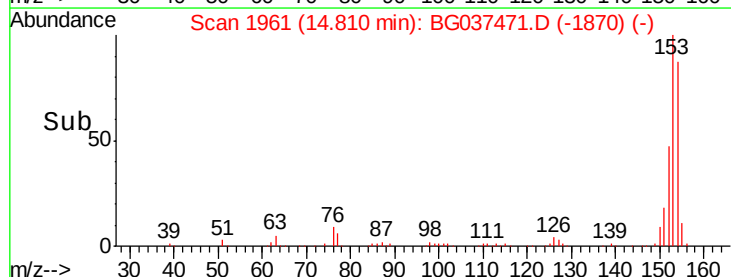
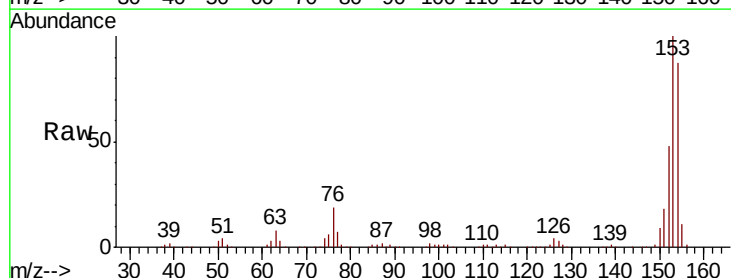
Manual Integrations
APPROVED

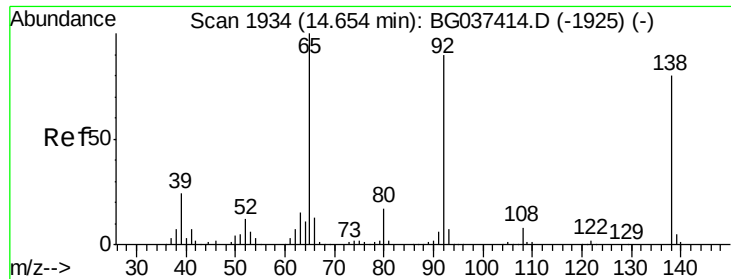
Sohil
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#52
Acenaphthene
Concen: 46.736 ng
RT: 14.81 min Scan# 1961
Delta R.T. 0.00 min
Lab File: BG037471.D
Acq: 20 Oct 2018 4:20

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	463871		
153	115.4	93.4	140.0	
152	54.9	44.7	67.1	





#53

3-Nitroaniline

Concen: 31.237 ng

RT: 14.65 min Scan# 1934

Delta R.T. -0.00 min

Lab File: BG037471.D

Acq: 20 Oct 2018 4:20

Instrument :

BNA_G

ClientSampleId :

PB113548BS

Tgt Ion:138 Resp: 101479

Ion Ratio Lower Upper

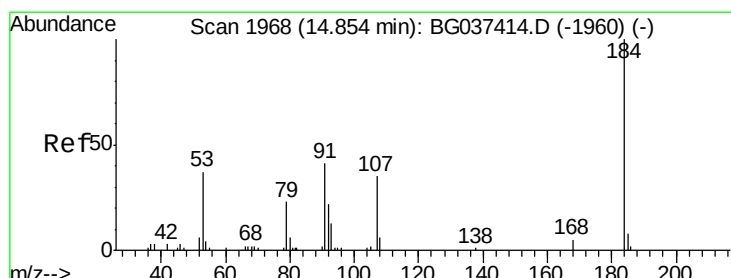
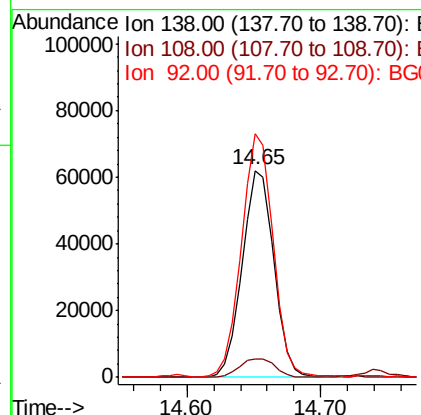
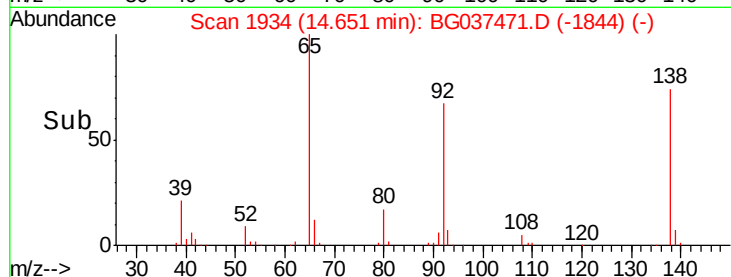
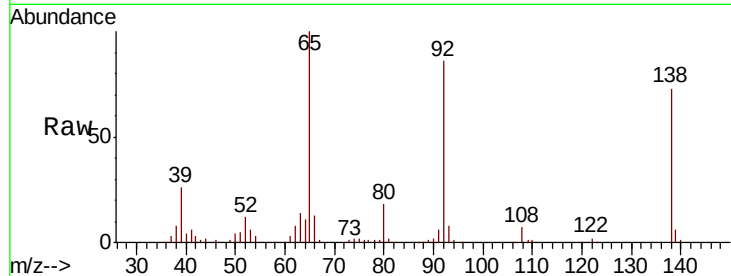
138 100

108 9.1 11.0 16.6#

92 117.8 95.2 142.8

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Sohil
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#54

2,4-Dinitrophenol

Concen: 89.701 ng

RT: 14.85 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG037471.D

Acq: 20 Oct 2018 4:20

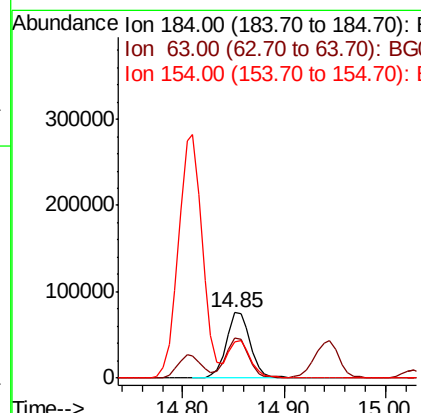
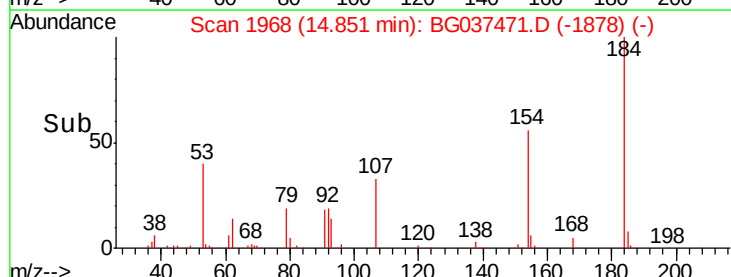
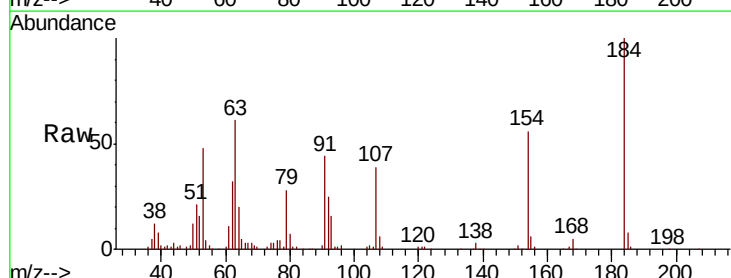
Tgt Ion:184 Resp: 125789

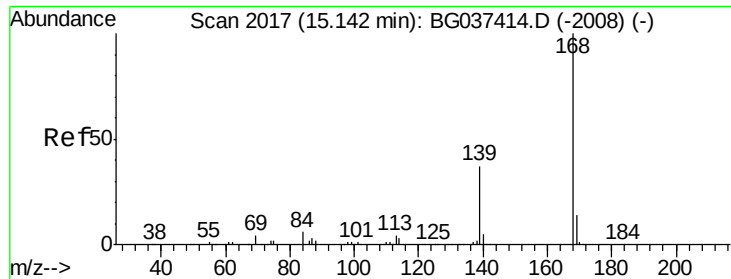
Ion Ratio Lower Upper

184 100

63 61.2 42.6 63.8

154 56.1 41.8 62.6





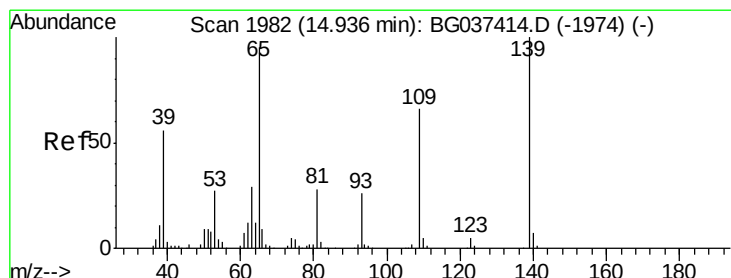
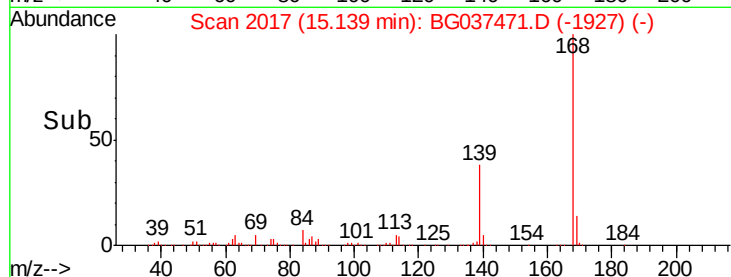
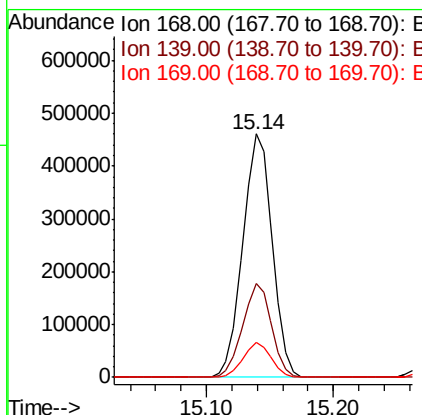
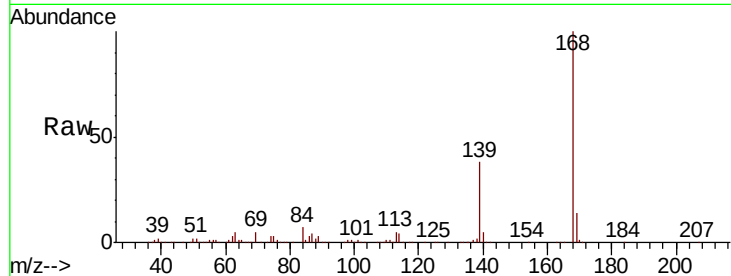
#55
Dibenzenofuran
Concen: 45.005 ng
RT: 15.14 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BG037471.D
Acq: 20 Oct 2018 4:20

Instrument :
BNA_G
ClientSampleId :
PB113548BS

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.4	29.4	44.0
169	14.4	11.0	16.6

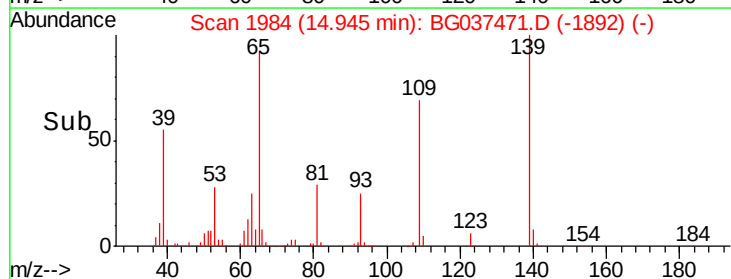
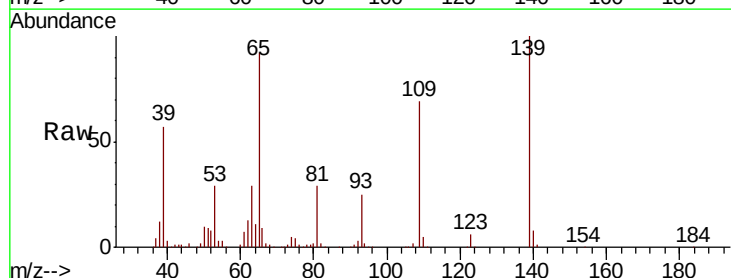
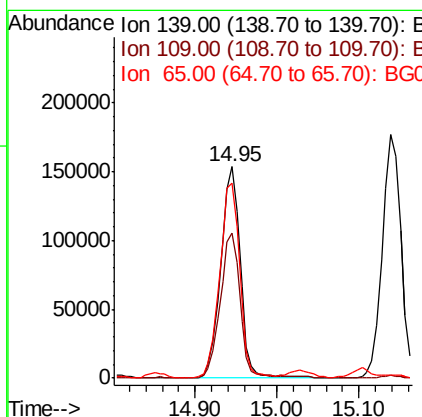
Manual Integrations
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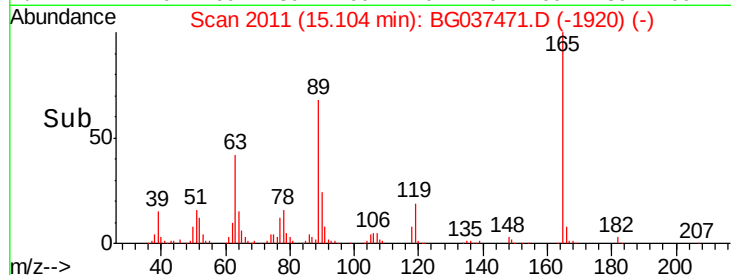
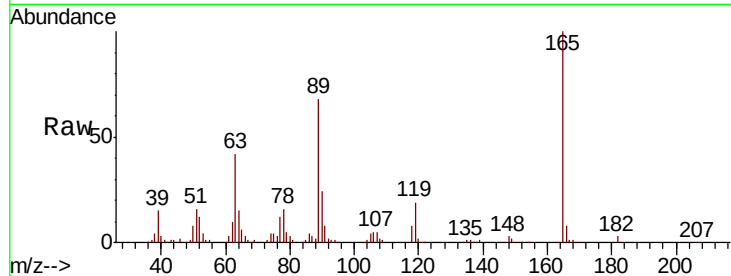
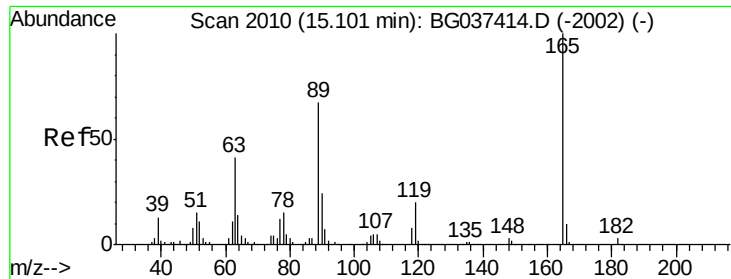
Sohil
10/22/2018 3:39:38 PM



#56
4-Nitrophenol
Concen: 107.054 ng
RT: 14.95 min Scan# 1984
Delta R.T. 0.01 min
Lab File: BG037471.D
Acq: 20 Oct 2018 4:20

Tgt Ion	Ratio	Lower	Upper
139	100		
109	68.6	49.5	89.5
65	92.3	76.8	116.8





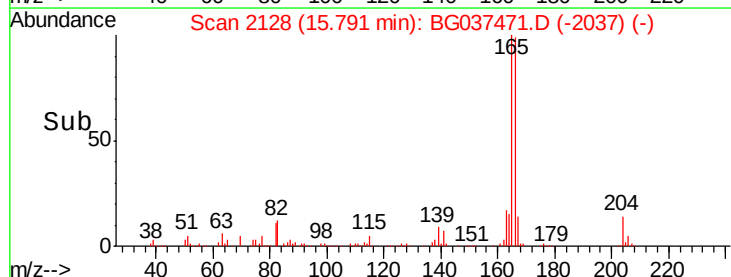
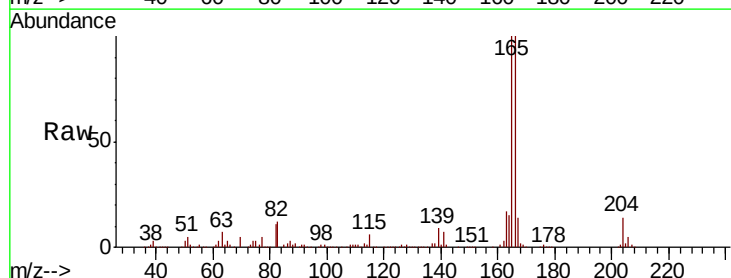
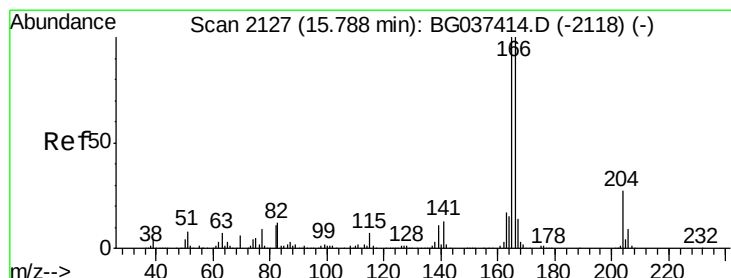
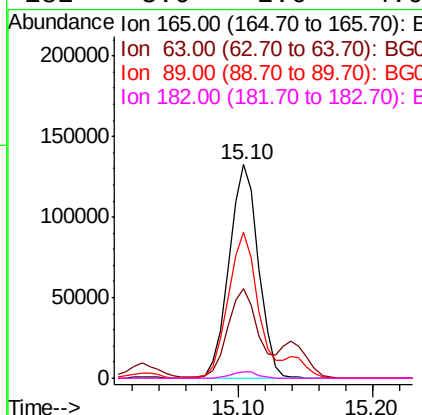
#57
2,4-Dinitrotoluene
Concen: 52.912 ng
RT: 15.10 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BG037471.D
Acq: 20 Oct 2018 4:20

Instrument :
BNA_G
ClientSampleId :
PB113548BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	41.7	33.4	50.0
89	68.2	57.2	85.8
182	3.0	2.6	4.0

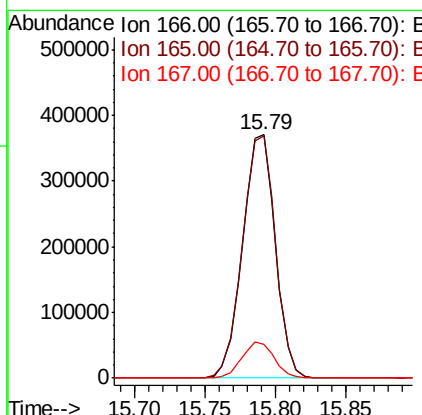
Manual Integrations
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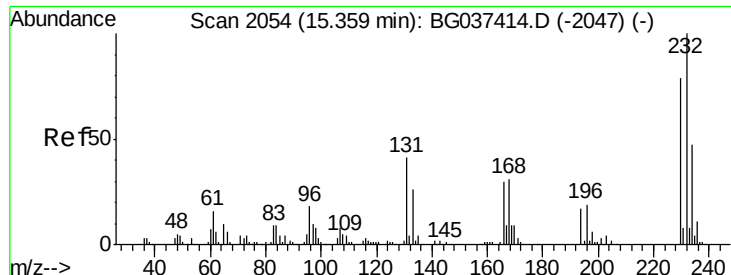
Sohil
10/22/2018 3:39:38 PM



#58
Fluorene
Concen: 48.802 ng
RT: 15.79 min Scan# 2128
Delta R.T. 0.00 min
Lab File: BG037471.D
Acq: 20 Oct 2018 4:20

Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	99.6	79.0	118.6
167	14.1	11.3	16.9





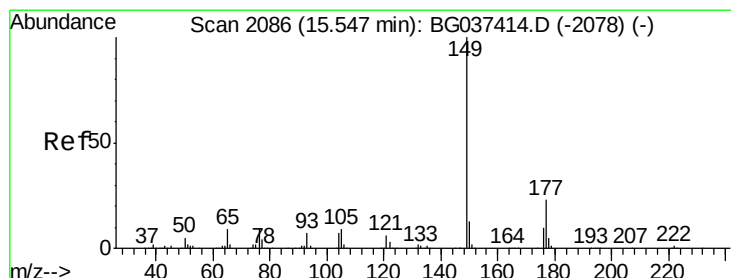
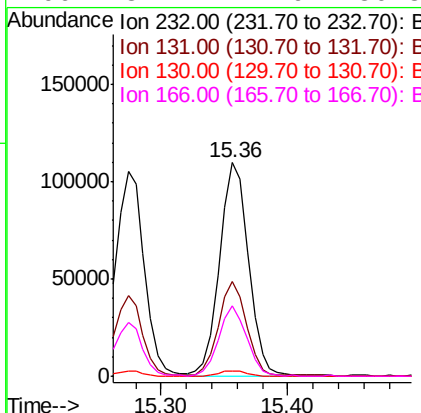
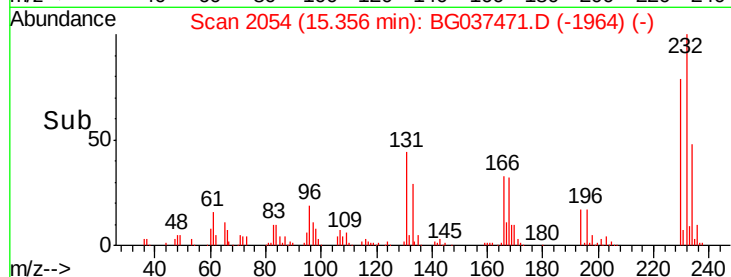
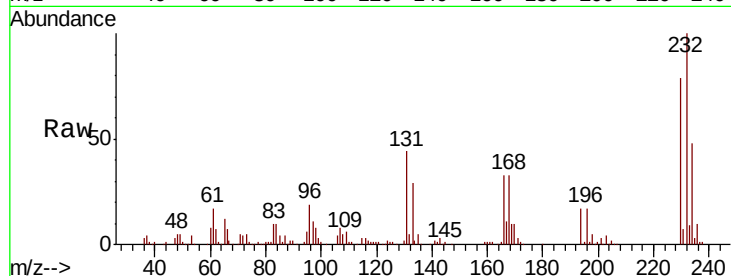
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.598 ng
 RT: 15.36 min Scan# 2054
 Delta R.T. -0.00 min
 Lab File: BG037471.D
 Acq: 20 Oct 2018 4:20

Instrument :
 BNA_G
 ClientSampleId :
 PB113548BS

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	173802		
131	43.9	33.7	50.5	
130	2.4	2.1	3.1	
166	32.1	24.6	36.8	

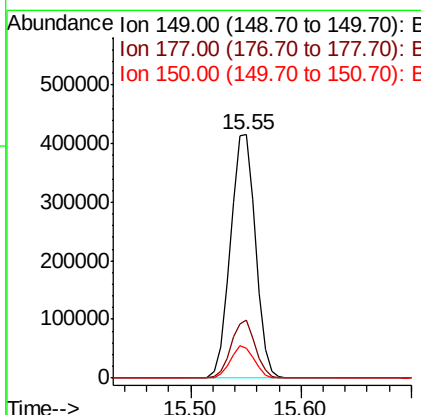
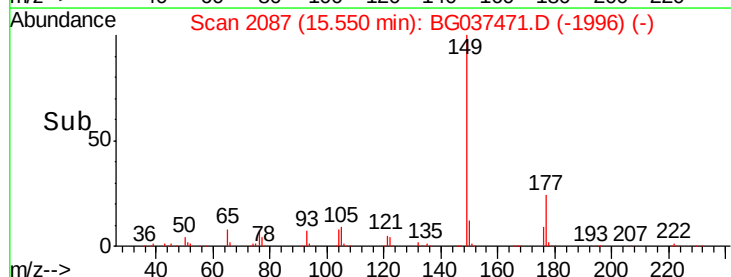
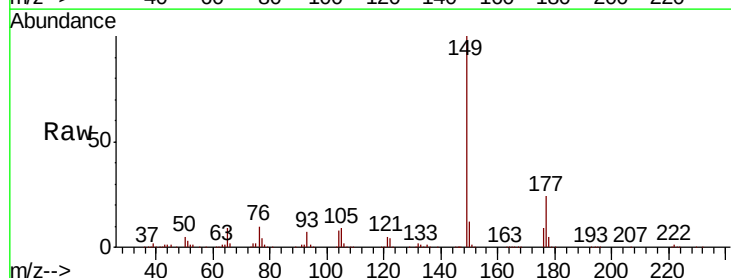
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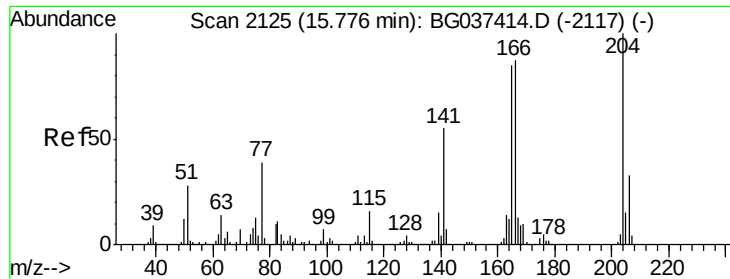
Sohil
 10/22/2018 3:39:38 PM



#60
 Diethylphthalate
 Concen: 48.570 ng
 RT: 15.55 min Scan# 2087
 Delta R.T. 0.00 min
 Lab File: BG037471.D
 Acq: 20 Oct 2018 4:20

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	659627		
177	23.8	18.3	27.5	
150	12.5	10.0	15.0	





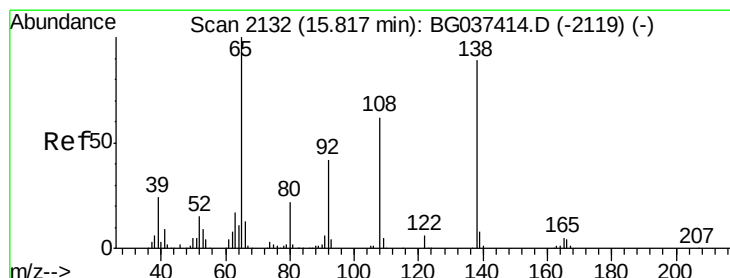
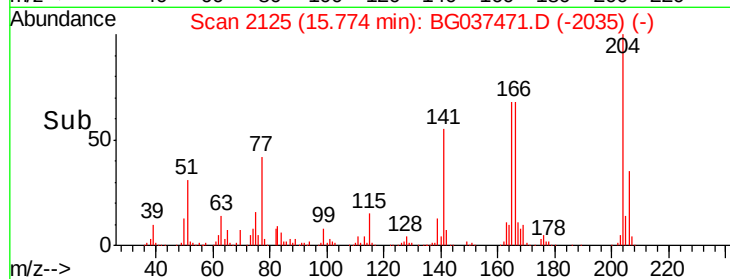
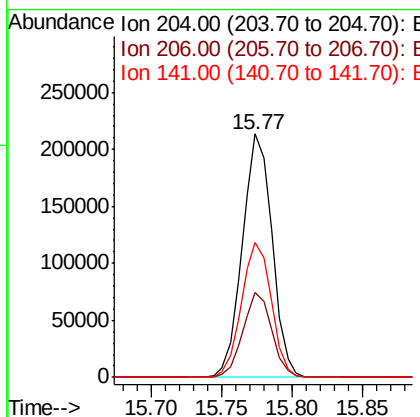
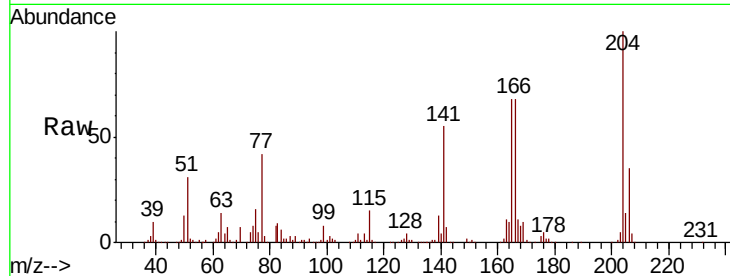
#61
 4-Chlorophenyl-phenylether
 Concen: 43.888 ng
 RT: 15.77 min Scan# 2125
 Delta R.T. -0.00 min
 Lab File: BG037471.D
 Acq: 20 Oct 2018 4:20

Instrument :
 BNA_G
 ClientSampleId :
 PB113548BS

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.8	26.6	39.8
141	55.4	45.4	68.2

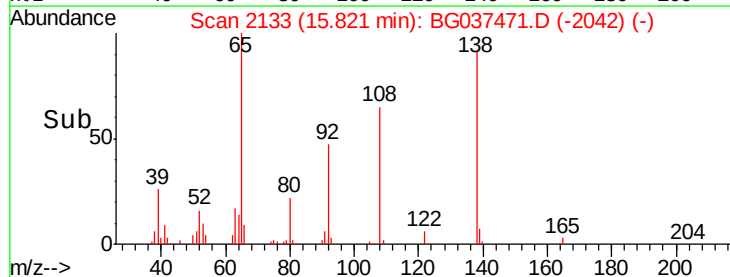
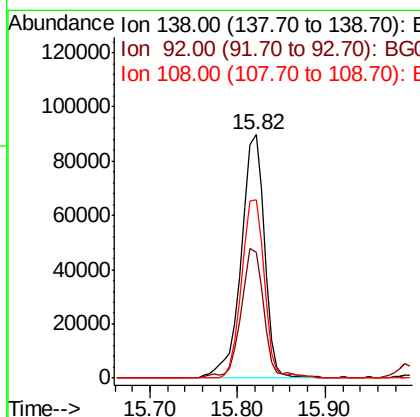
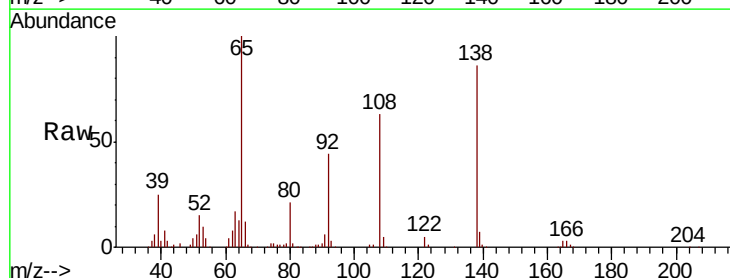
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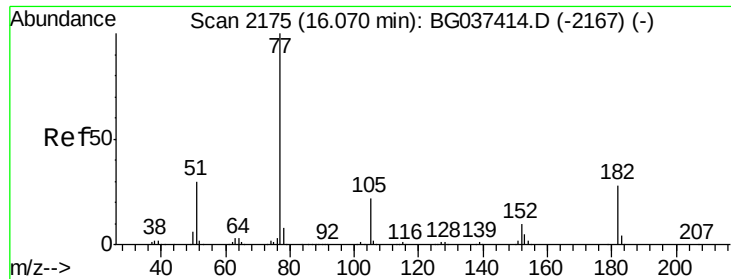
Sohil
 10/22/2018 3:39:38 PM



#62
 4-Nitroaniline
 Concen: 49.712 ng
 RT: 15.82 min Scan# 2133
 Delta R.T. 0.00 min
 Lab File: BG037471.D
 Acq: 20 Oct 2018 4:20

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.5	36.4	76.4
108	73.4	60.1	100.1





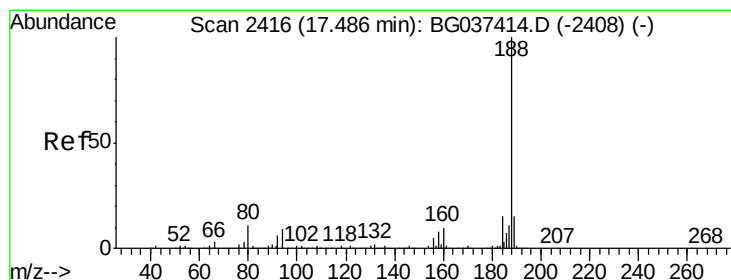
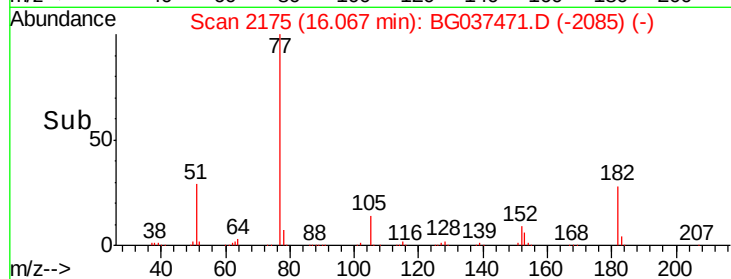
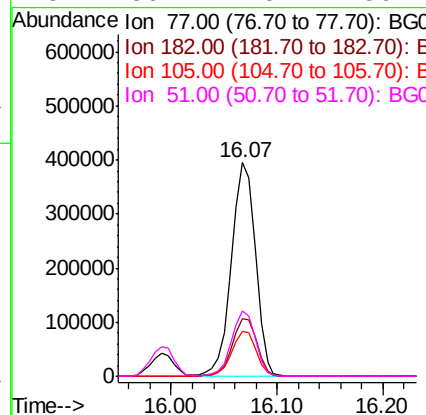
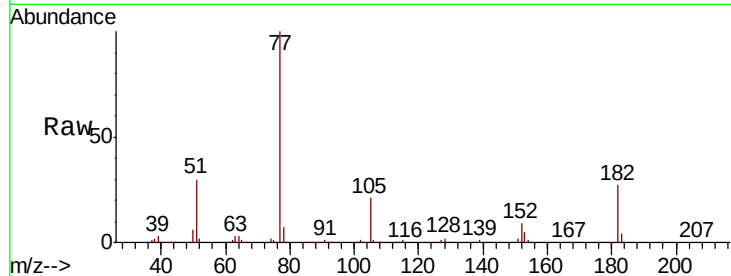
#63
Azobenzene
Concen: 47.857 ng
RT: 16.07 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BG037471.D
Acq: 20 Oct 2018 4:20

Instrument :
BNA_G
ClientSampleId :
PB113548BS

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.1	8.0	48.0
105	21.1	1.3	41.3
51	30.4	10.7	50.7

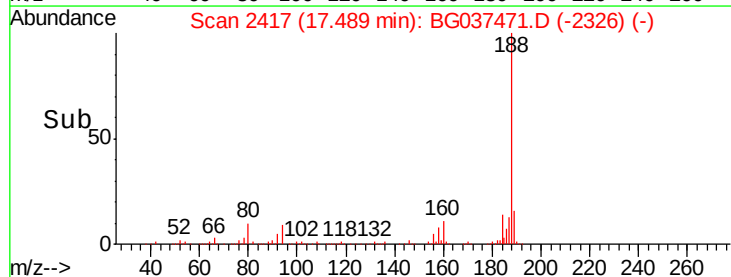
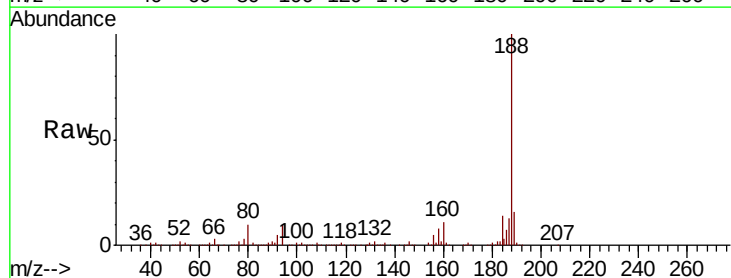
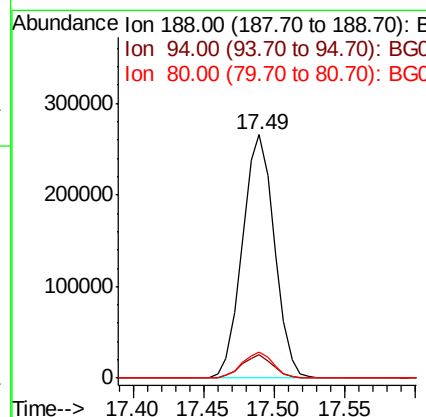
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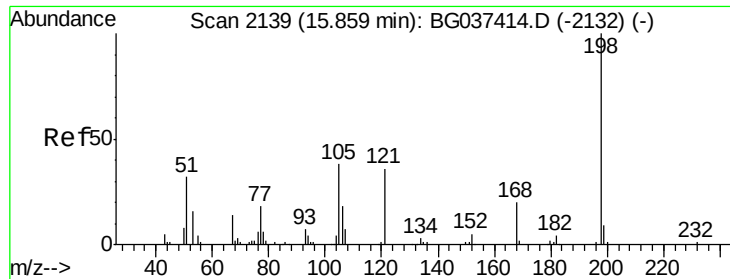
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2417
Delta R.T. 0.00 min
Lab File: BG037471.D
Acq: 20 Oct 2018 4:20

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.2	10.8
80	10.4	7.7	11.5





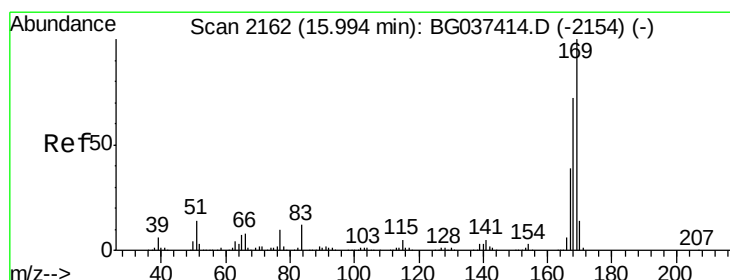
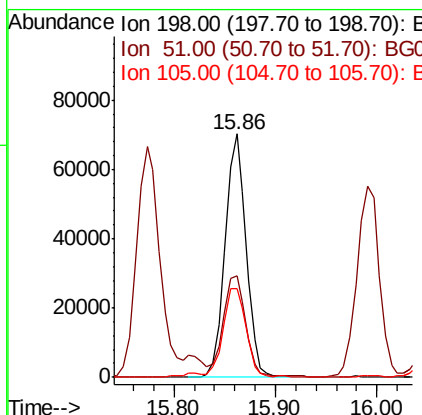
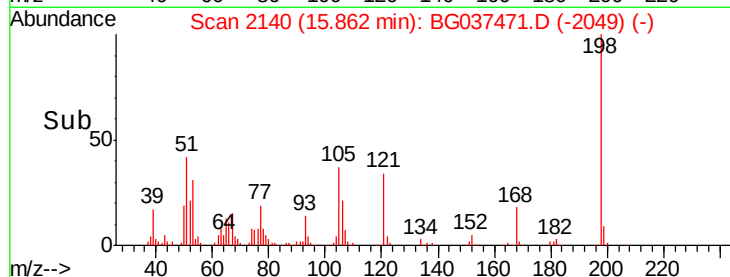
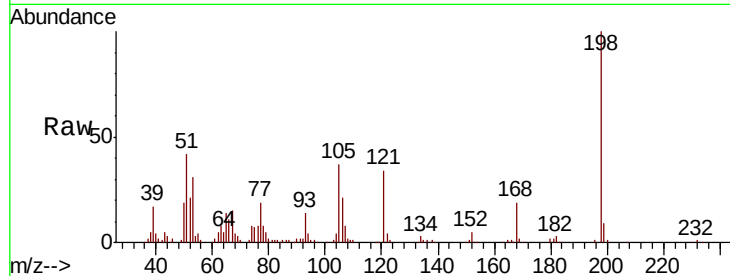
#65
 4,6-Dinitro-2-methylphenol
 Concen: 46.107 ng
 RT: 15.86 min Scan# 2140
 Delta R.T. 0.00 min
 Lab File: BG037471.D
 Acq: 20 Oct 2018 4:20

Instrument :
 BNA_G
 ClientSampleId :
 PB113548BS

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	101406		
51	41.8	22.7	62.7	
105	36.5	19.7	59.7	

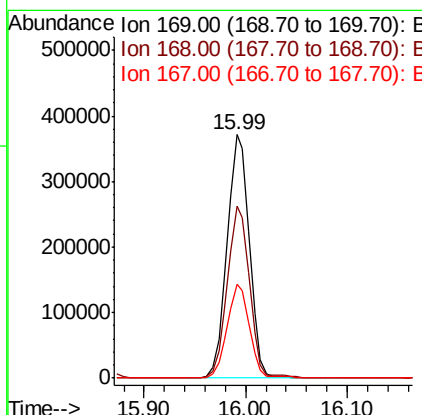
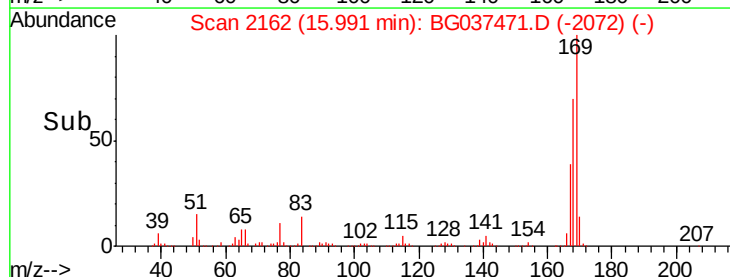
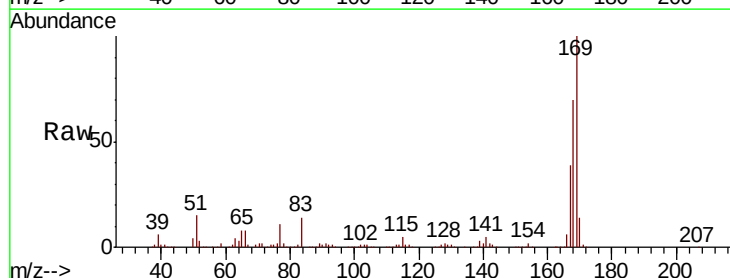
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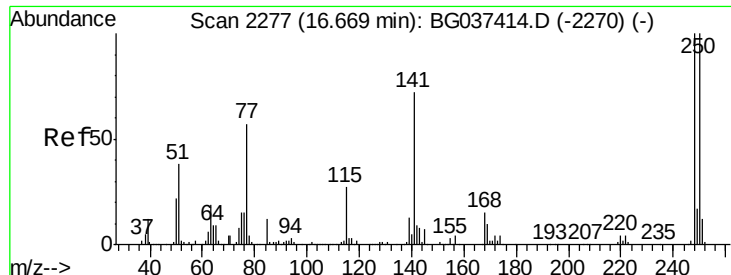
Sohil
 10/22/2018 3:39:38 PM



#66
 n-Nitrosodiphenylamine
 Concen: 44.290 ng
 RT: 15.99 min Scan# 2162
 Delta R.T. -0.00 min
 Lab File: BG037471.D
 Acq: 20 Oct 2018 4:20

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	563367		
168	70.4	55.7	83.5	
167	38.7	31.3	46.9	





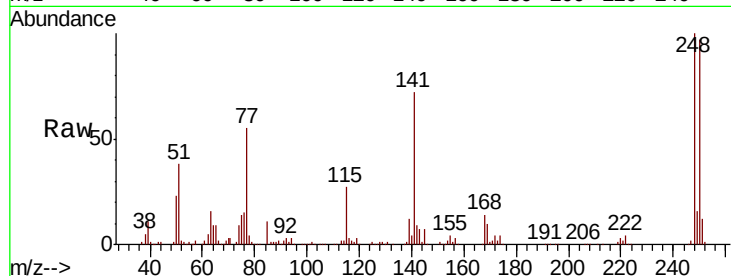
#67
 4-Bromophenyl-phenylether
 Concen: 43.658 ng
 RT: 16.67 min Scan# 2278
 Delta R.T. 0.00 min
 Lab File: BG037471.D
 Acq: 20 Oct 2018 4:20

Instrument :
 BNA_G
 ClientSampleId :
 PB113548BS

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	202738		
250	97.2	77.0	115.6	
141	71.7	55.5	83.3	

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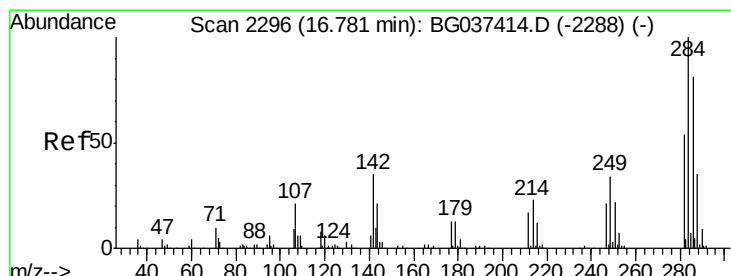
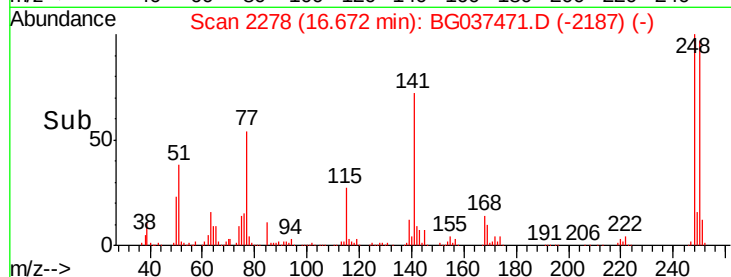
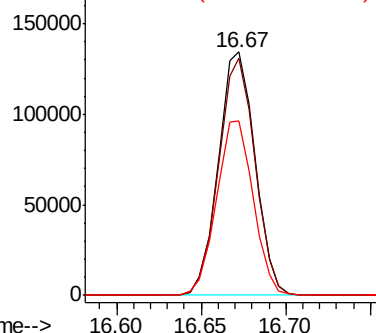


Abundance

Ion 248.00 (247.70 to 248.70): E

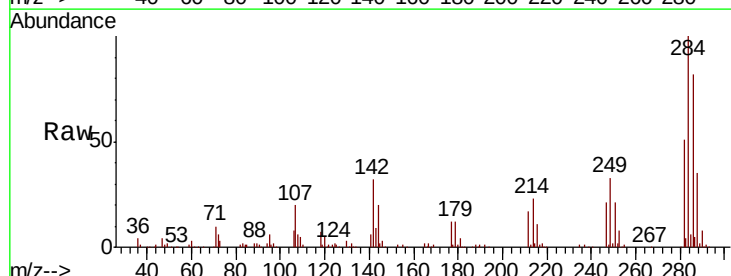
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 42.762 ng
 RT: 16.78 min Scan# 2297
 Delta R.T. 0.00 min
 Lab File: BG037471.D
 Acq: 20 Oct 2018 4:20

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	205805		
142	32.4	28.1	42.1	
249	35.8	29.8	44.8	

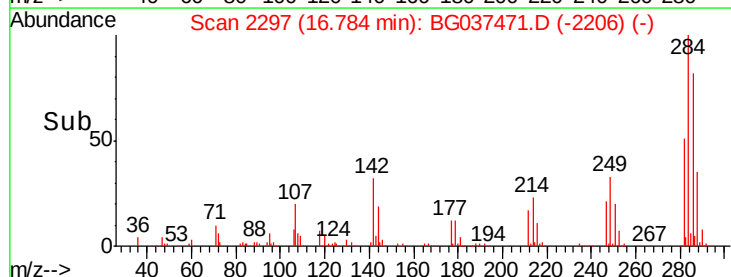
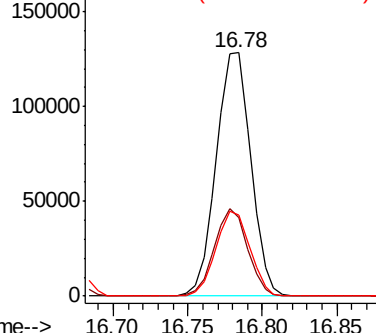


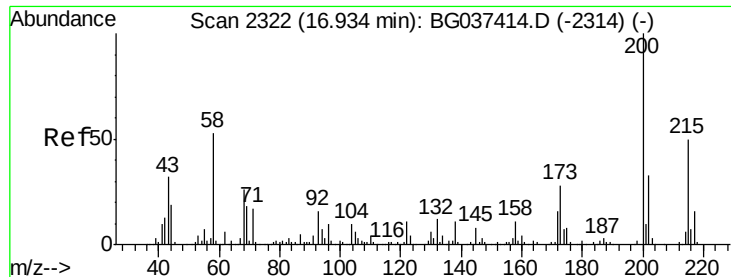
Abundance

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





#69

Atrazine

Concen: 47.765 ng

RT: 16.94 min Scan# 2323

Delta R.T. 0.00 min

Lab File: BG037471.D

Acq: 20 Oct 2018 4:20

Instrument :

BNA_G

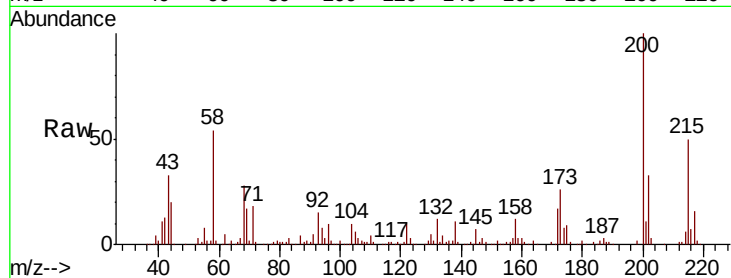
ClientSampleId :

PB113548BS

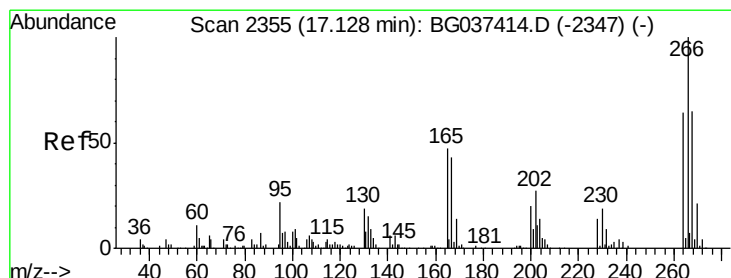
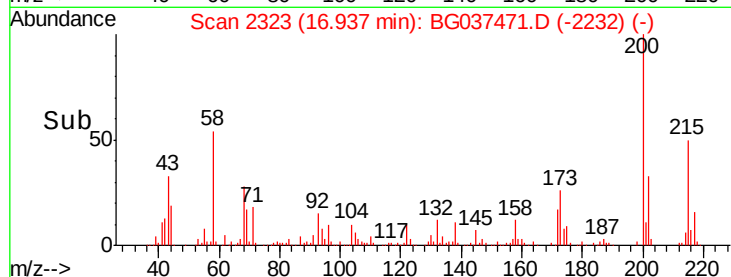
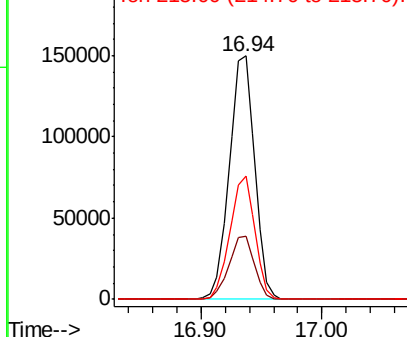
Tgt Ion:	200	Resp:	219666
Ion Ratio	Lower	Upper	
200	100		
173	26.0	6.1	46.1
215	50.4	30.8	70.8

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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



#70

Pentachlorophenol

Concen: 80.862 ng

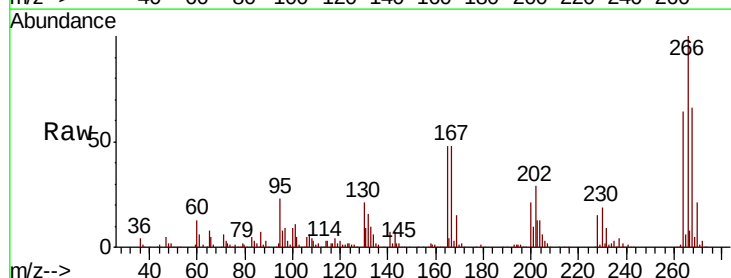
RT: 17.12 min Scan# 2355

Delta R.T. -0.00 min

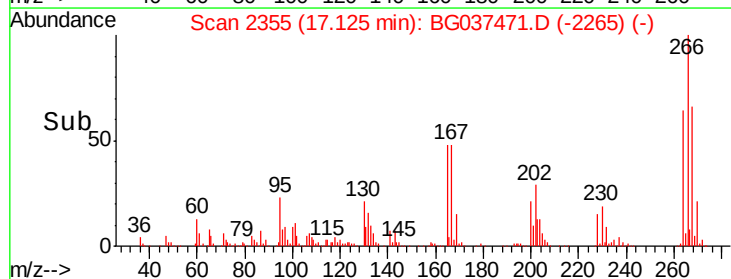
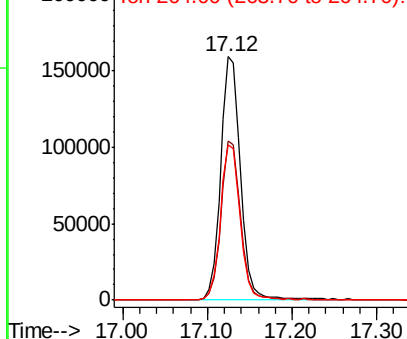
Lab File: BG037471.D

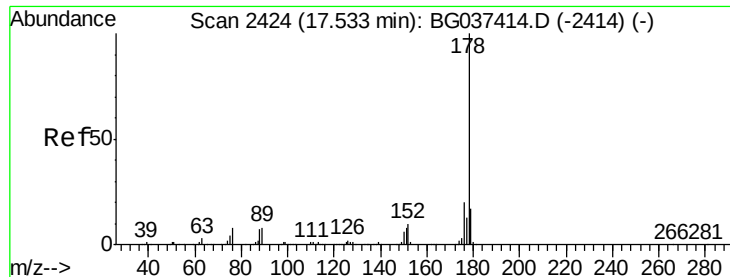
Acq: 20 Oct 2018 4:20

Tgt Ion:	266	Resp:	260683
Ion Ratio	Lower	Upper	
266	100		
268	70.4	55.0	82.6
264	69.4	58.9	88.3



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





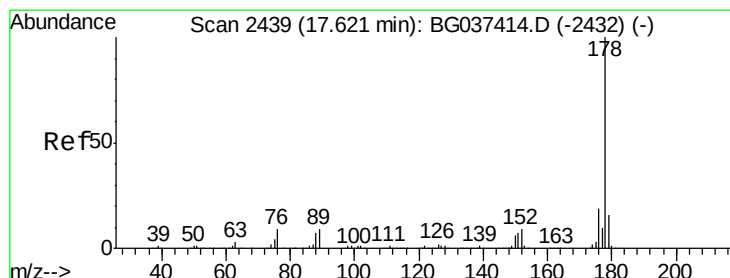
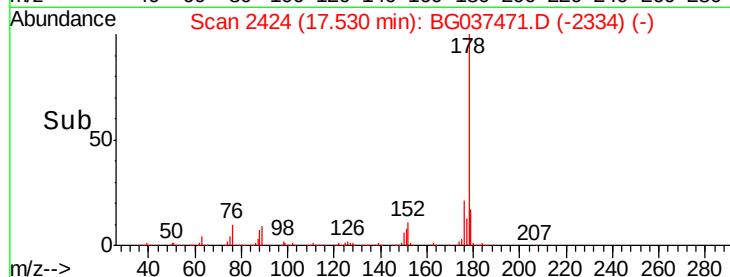
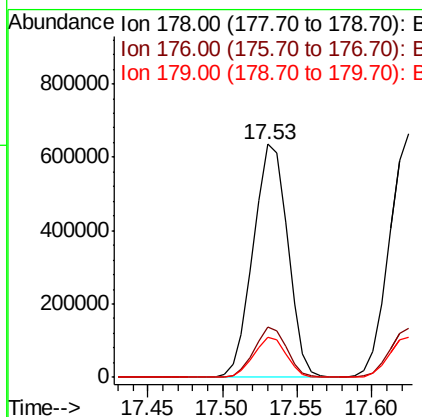
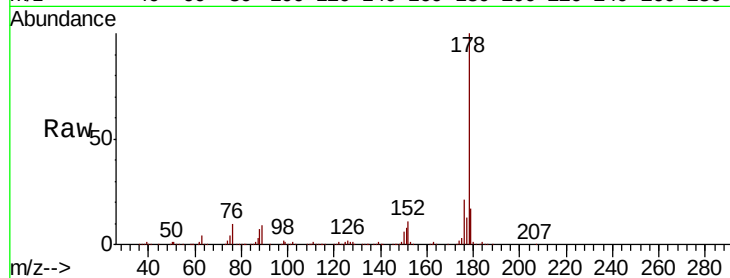
#71
 Phenanthrene
 Concen: 47.370 ng
 RT: 17.53 min Scan# 2424
 Delta R.T. -0.00 min
 Lab File: BG037471.D
 Acq: 20 Oct 2018 4:20

Instrument :
 BNA_G
 ClientSampleId :
 PB113548BS

Tgt Ion:178 Resp: 1018032
 Ion Ratio Lower Upper
 178 100
 176 21.4 16.1 24.1
 179 17.0 13.0 19.4

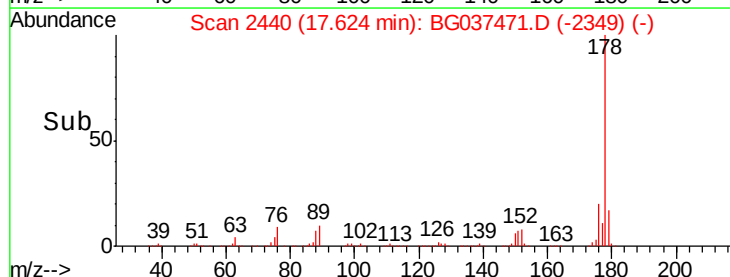
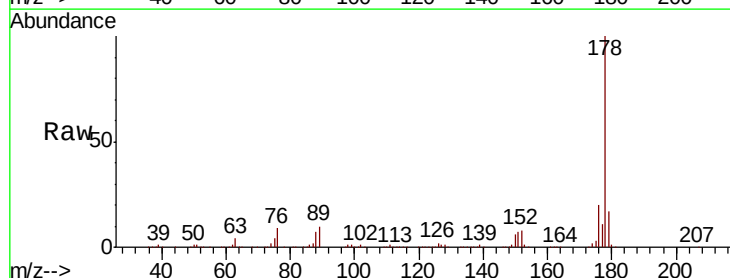
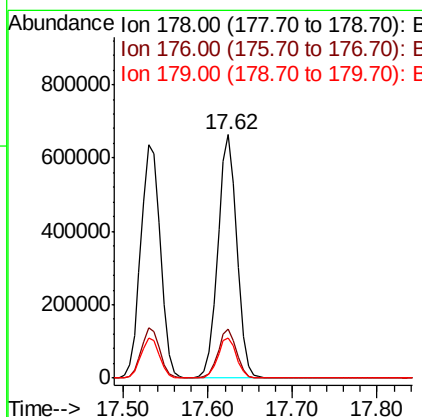
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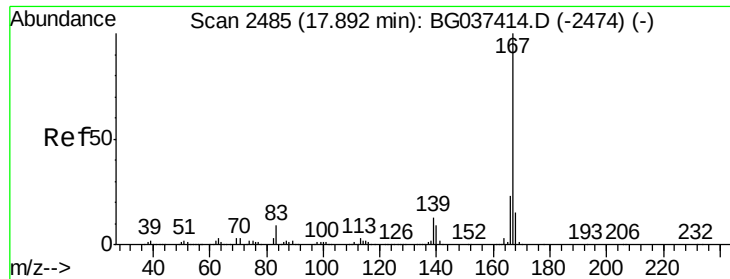
Sohil
 10/22/2018 3:39:38 PM



#72
 Anthracene
 Concen: 49.403 ng
 RT: 17.62 min Scan# 2440
 Delta R.T. 0.00 min
 Lab File: BG037471.D
 Acq: 20 Oct 2018 4:20

Tgt Ion:178 Resp: 1041943
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.0 22.4
 179 16.6 12.8 19.2





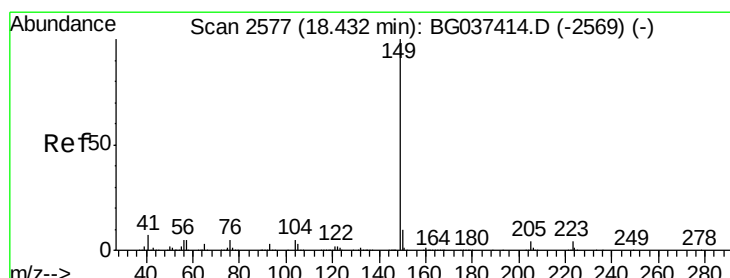
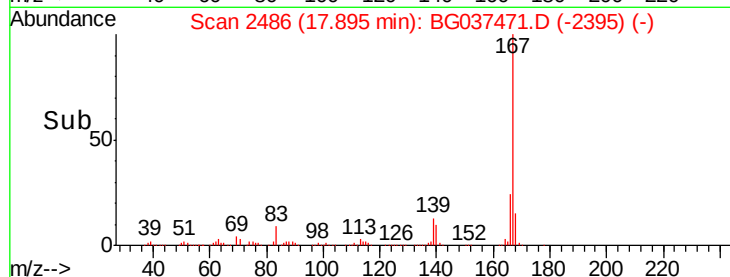
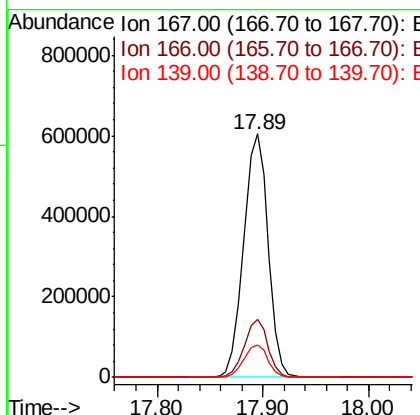
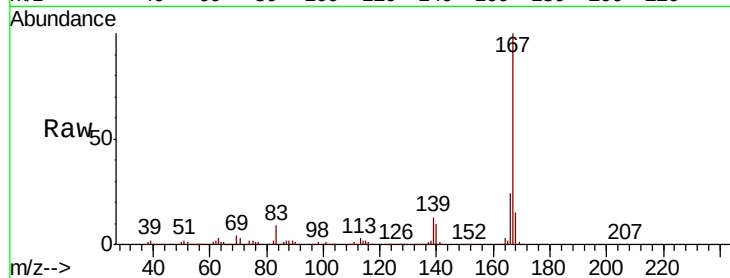
#73
 Carbazole
 Concen: 46.029 ng
 RT: 17.89 min Scan# 2486
 Delta R.T. 0.00 min
 Lab File: BG037471.D
 Acq: 20 Oct 2018 4:20

Instrument :
 BNA_G
 ClientSampleId :
 PB113548BS

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.9	18.3	27.5
139	13.2	10.5	15.7

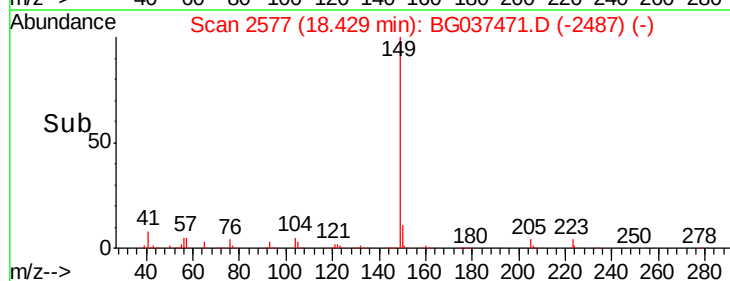
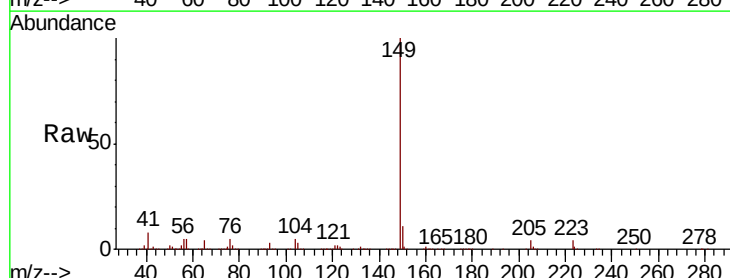
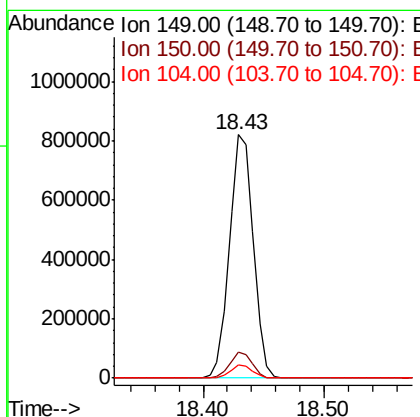
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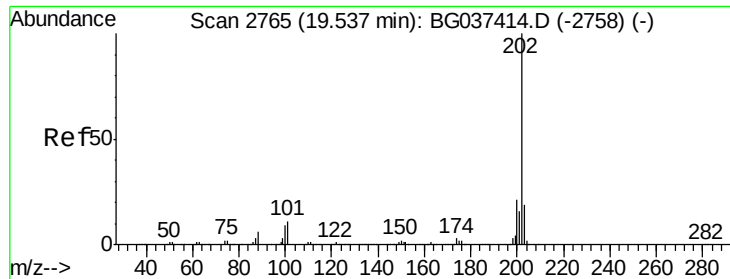
Sohil
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#74
 Di-n-butylphthalate
 Concen: 48.013 ng
 RT: 18.43 min Scan# 2577
 Delta R.T. -0.00 min
 Lab File: BG037471.D
 Acq: 20 Oct 2018 4:20

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.6	8.2	12.2
104	5.2	4.0	6.0





#75

Fluoranthene

Concen: 49.950 ng

RT: 19.53 min Scan# 2765

Delta R.T. -0.00 min

Lab File: BG037471.D

Acq: 20 Oct 2018 4:20

Instrument :

BNA_G

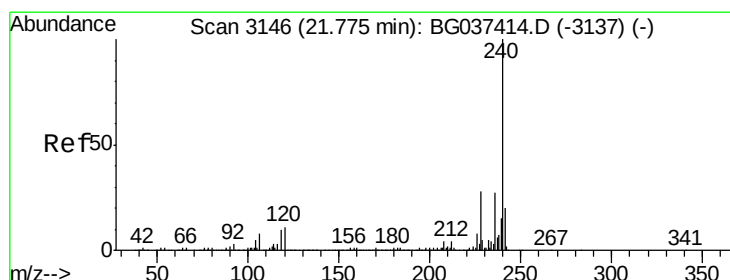
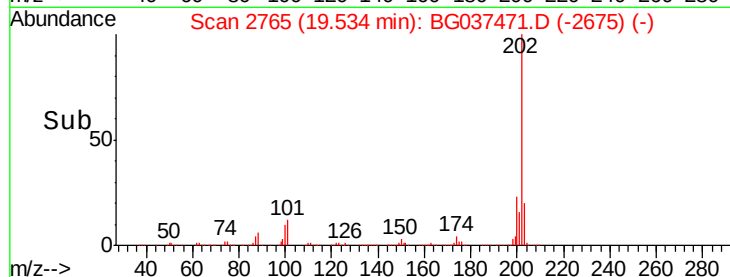
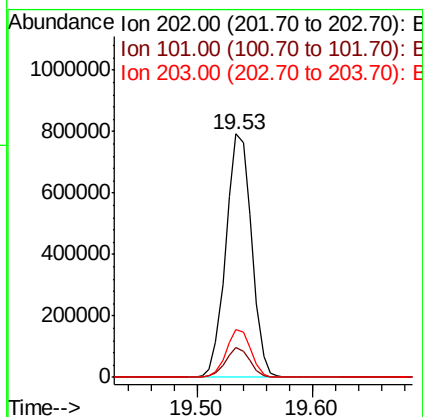
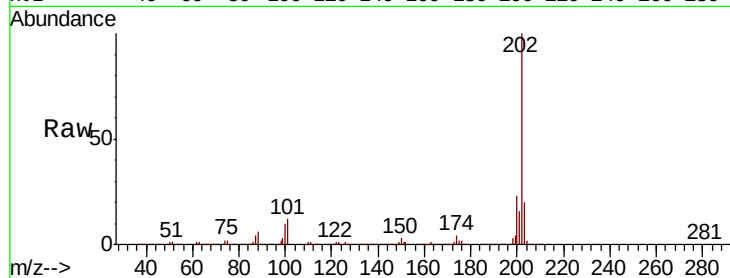
ClientSampleId :

PB113548BS

Tgt Ion:	202	Resp:	1217527
Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	30.7
203	19.6	0.0	38.5

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

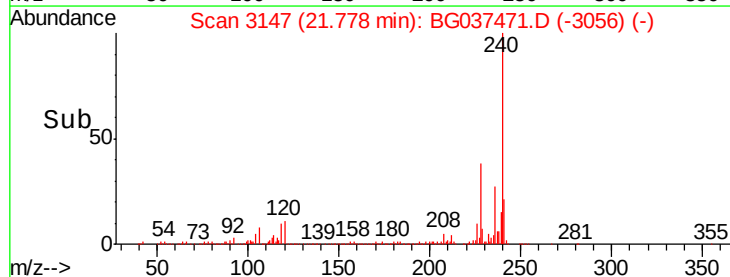
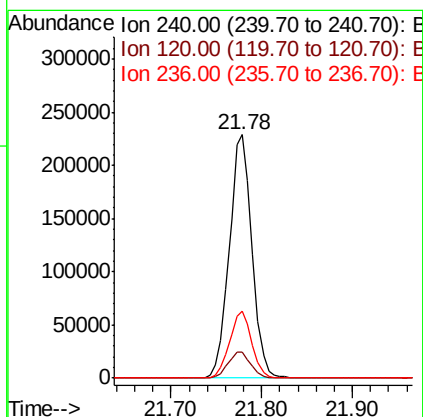
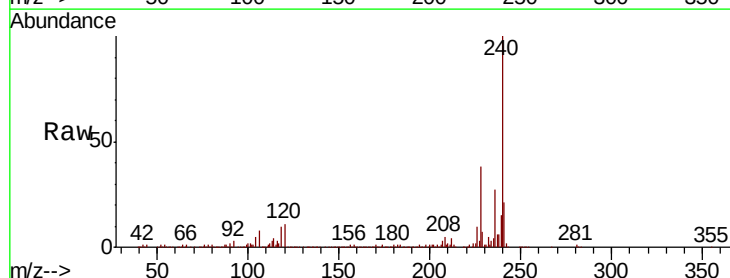
RT: 21.78 min Scan# 3147

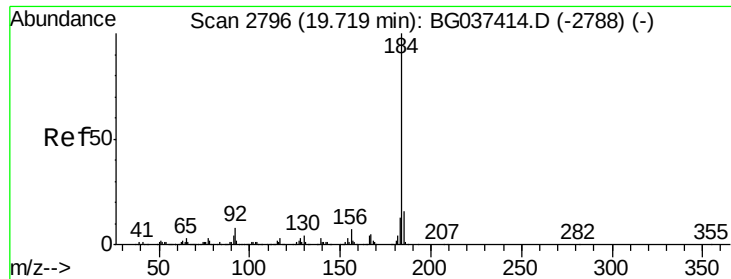
Delta R.T. 0.00 min

Lab File: BG037471.D

Acq: 20 Oct 2018 4:20

Tgt Ion:	240	Resp:	396206
Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.1	12.1
236	27.3	21.4	32.0





#77

Benzidine

Concen: 26.312 ng

RT: 19.72 min Scan# 2796

Delta R.T. -0.00 min

Lab File: BG037471.D

Acq: 20 Oct 2018 4:20

Instrument :

BNA_G

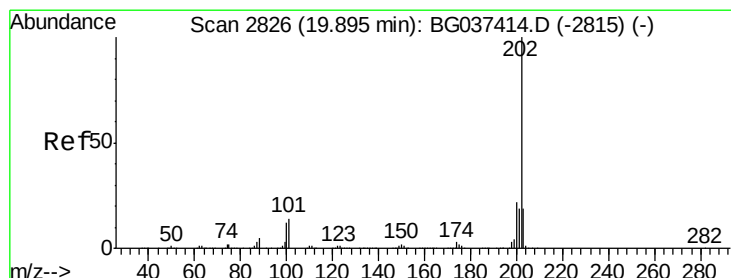
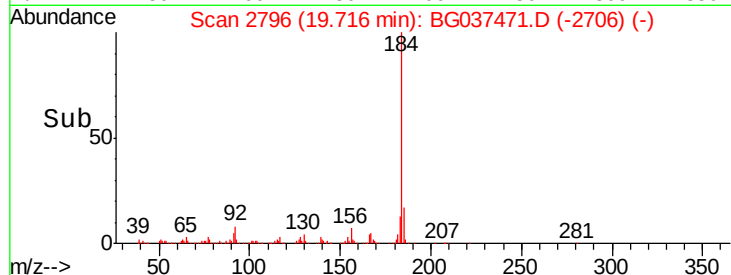
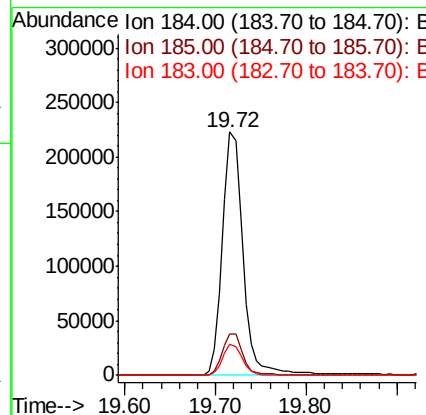
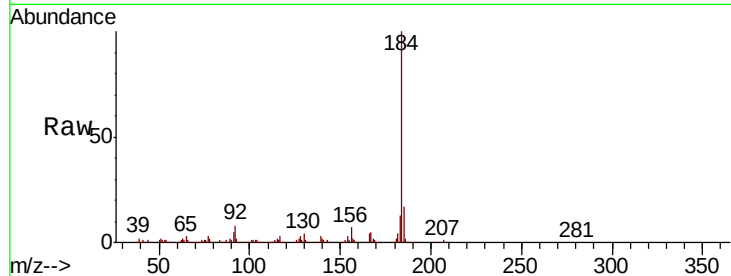
ClientSampleId :

PB113548BS

Tgt Ion:	184	Resp:	354473
Ion Ratio	Lower	Upper	
184	100		
185	17.1	12.6	18.8
183	12.9	10.2	15.2

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#78

Pyrene

Concen: 46.783 ng

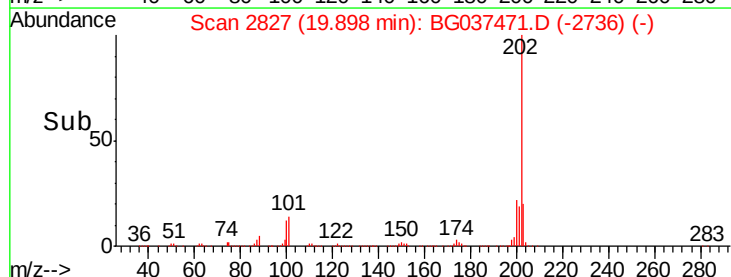
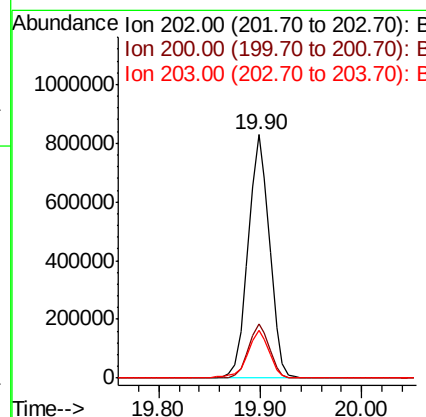
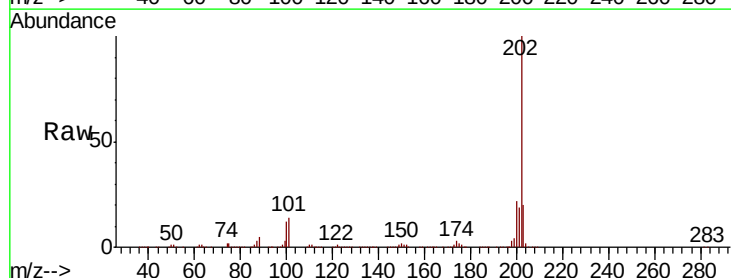
RT: 19.90 min Scan# 2827

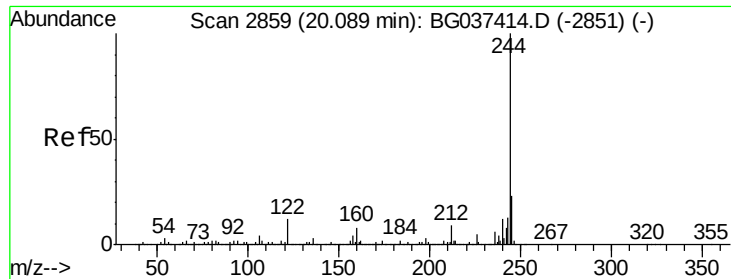
Delta R.T. 0.00 min

Lab File: BG037471.D

Acq: 20 Oct 2018 4:20

Tgt Ion:	202	Resp:	1211701
Ion Ratio	Lower	Upper	
202	100		
200	22.4	17.8	26.6
203	19.5	15.2	22.8





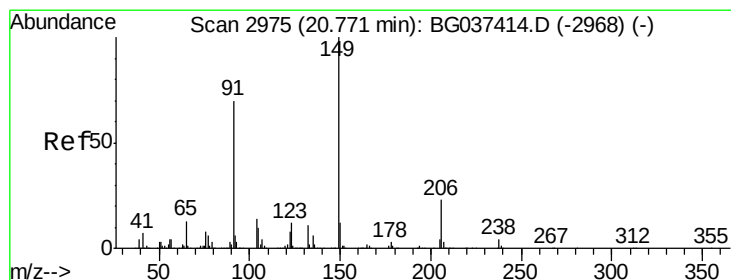
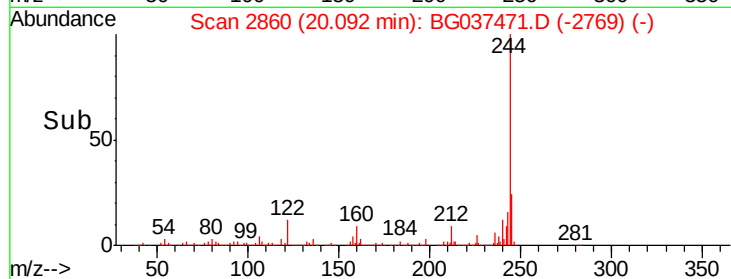
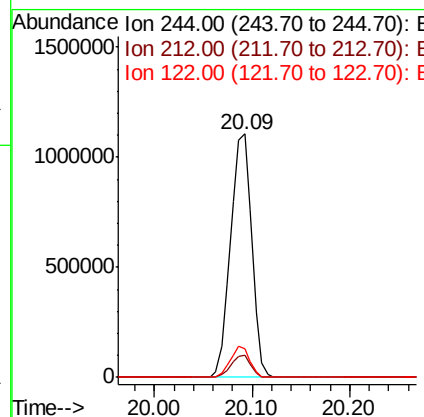
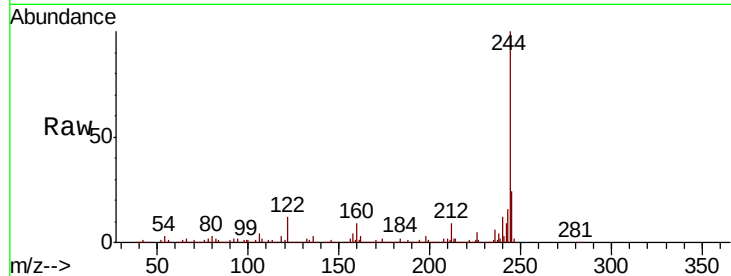
#79
 Terphenyl-d14
 Concen: 89.879 ng
 RT: 20.09 min Scan# 2860
 Delta R.T. 0.00 min
 Lab File: BG037471.D
 Acq: 20 Oct 2018 4:20

Instrument :
 BNA_G
 ClientSampleId :
 PB113548BS

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.0	6.5	9.7
122	11.6	9.0	13.4

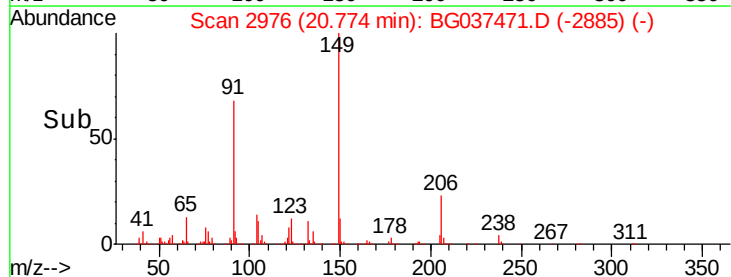
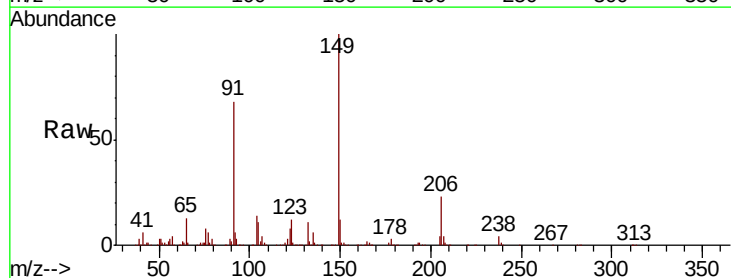
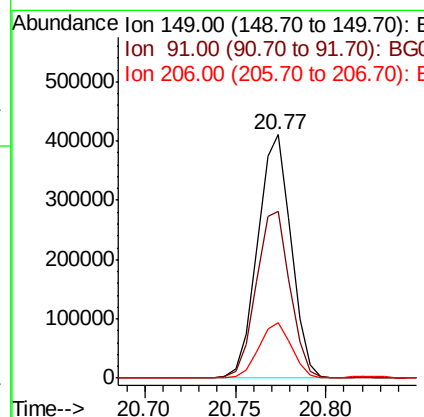
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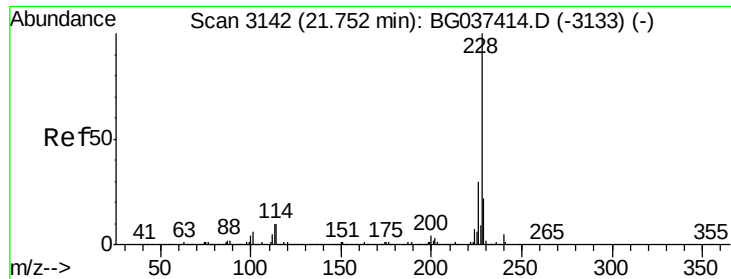
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#80
 Butylbenzylphthalate
 Concen: 49.570 ng
 RT: 20.77 min Scan# 2976
 Delta R.T. 0.00 min
 Lab File: BG037471.D
 Acq: 20 Oct 2018 4:20

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.3	57.0	85.4
206	23.0	17.8	26.6





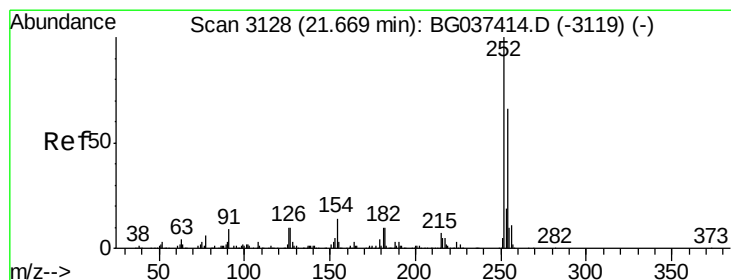
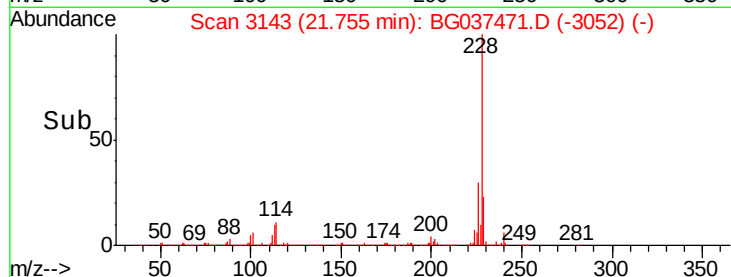
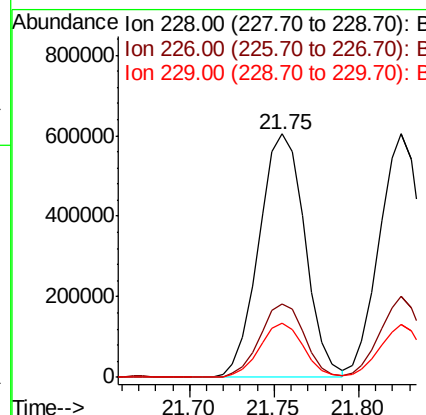
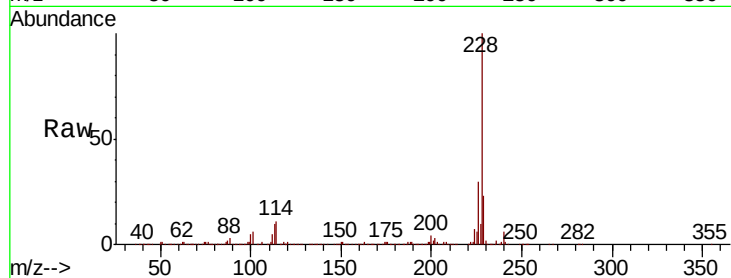
#81
Benzo(a)anthracene
Concen: 48.884 ng
RT: 21.75 min Scan# 3143
Delta R.T. 0.00 min
Lab File: BG037471.D
Acq: 20 Oct 2018 4:20

Instrument :
BNA_G
ClientSampleId :
PB113548BS

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	22.6	33.8
229	22.5	16.3	24.5

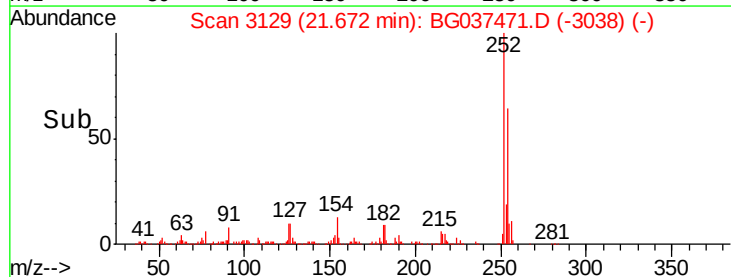
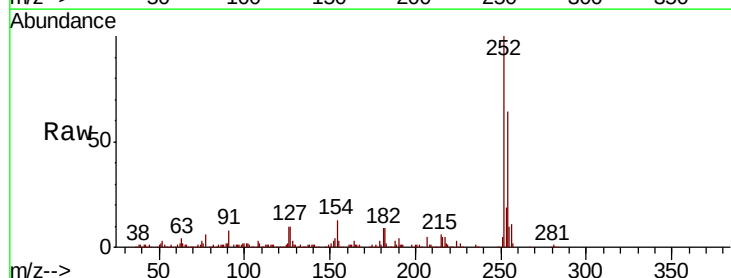
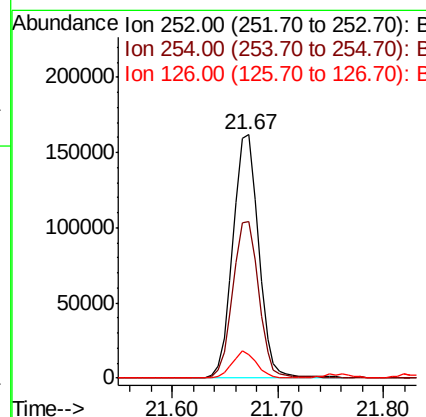
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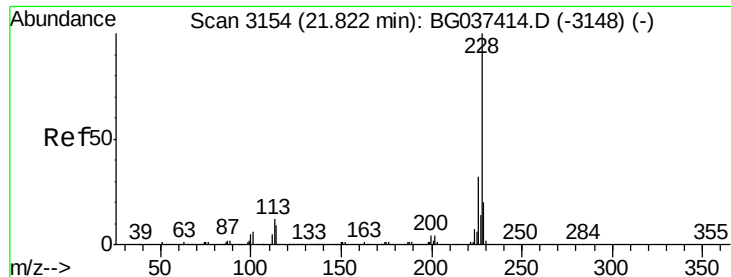
Sohil
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#82
3,3'-Dichlorobenzidine
Concen: 30.101 ng
RT: 21.67 min Scan# 3129
Delta R.T. 0.00 min
Lab File: BG037471.D
Acq: 20 Oct 2018 4:20

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.3	52.0	78.0
126	9.7	8.2	12.4





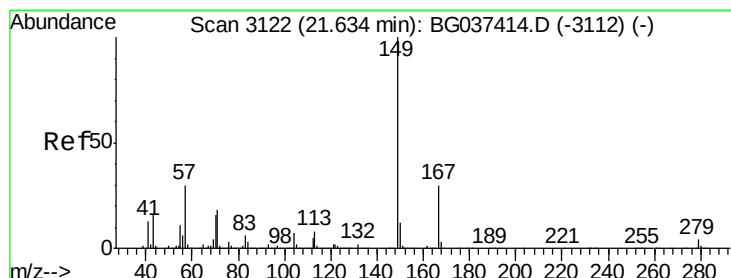
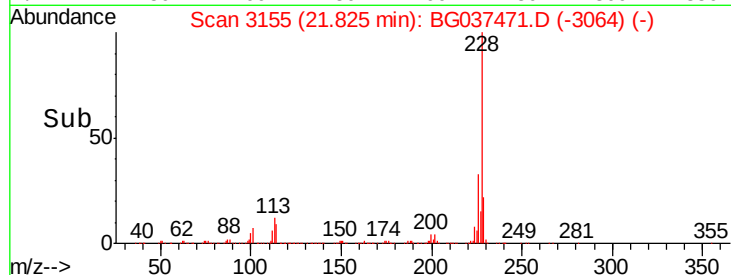
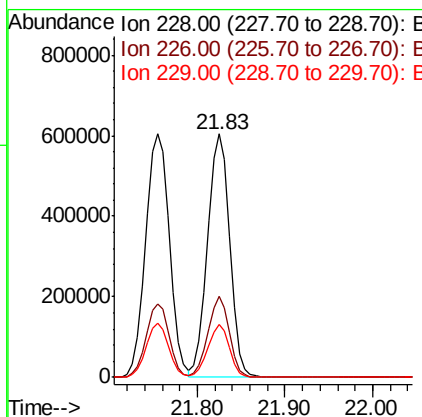
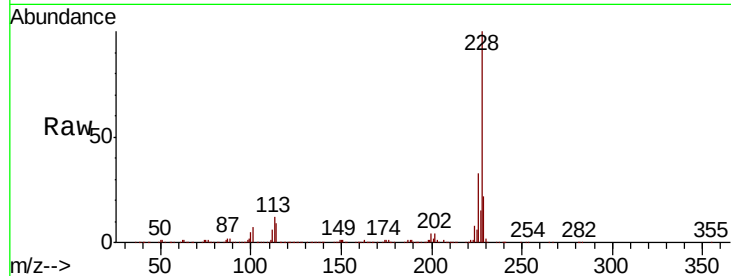
#83
 Chrysene
 Concen: 47.300 ng
 RT: 21.83 min Scan# 3155
 Delta R.T. 0.00 min
 Lab File: BG037471.D
 Acq: 20 Oct 2018 4:20

Instrument :
 BNA_G
 ClientSampleId :
 PB113548BS

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.2	25.7	38.5
229	21.7	16.5	24.7

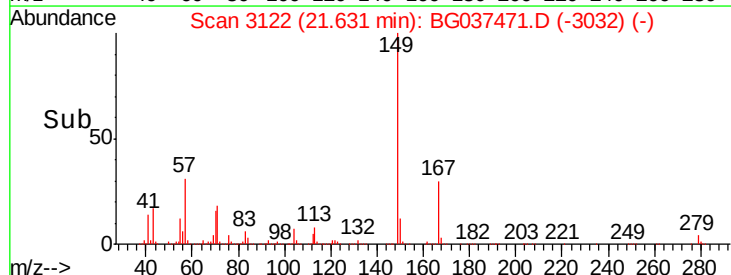
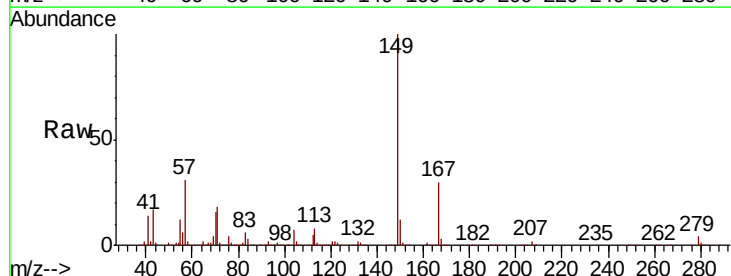
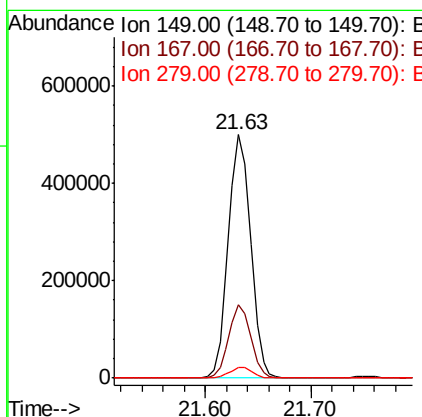
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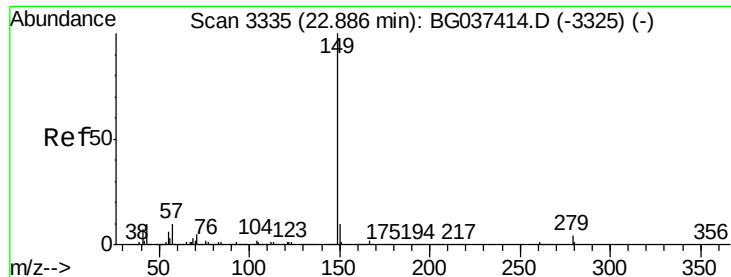
Sohil
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 49.310 ng
 RT: 21.63 min Scan# 3122
 Delta R.T. -0.00 min
 Lab File: BG037471.D
 Acq: 20 Oct 2018 4:20

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.0	23.0	34.4
279	4.4	3.6	5.4





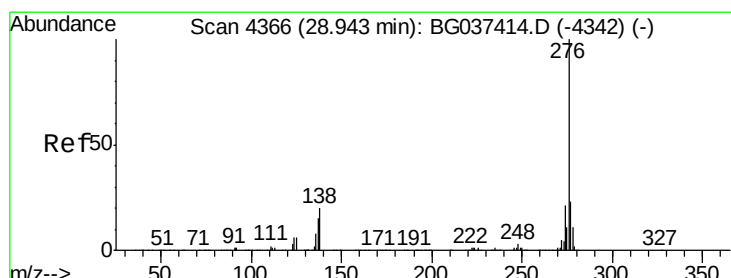
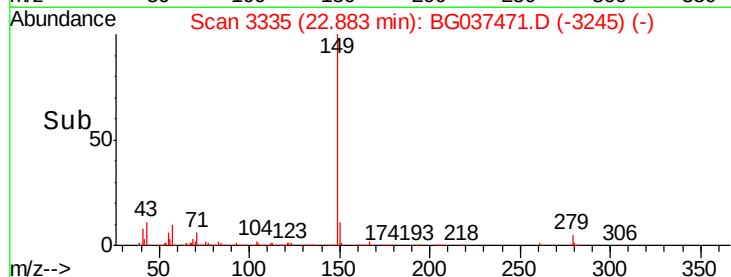
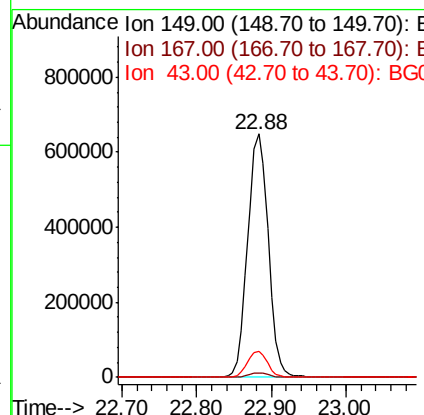
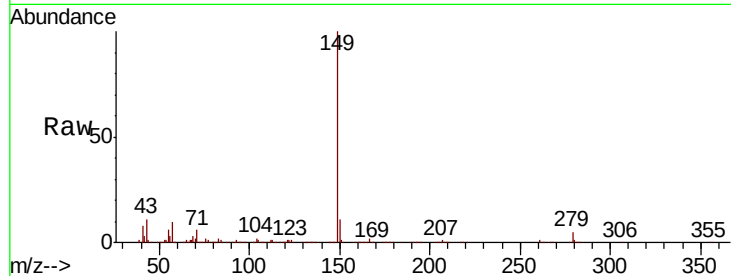
#85
Di-n-octyl phthalate
Concen: 51.411 ng
RT: 22.88 min Scan# 3335
Delta R.T. -0.00 min
Lab File: BG037471.D
Acq: 20 Oct 2018 4:20

Instrument :
BNA_G
ClientSampleId :
PB113548BS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	10.5	8.7	13.1

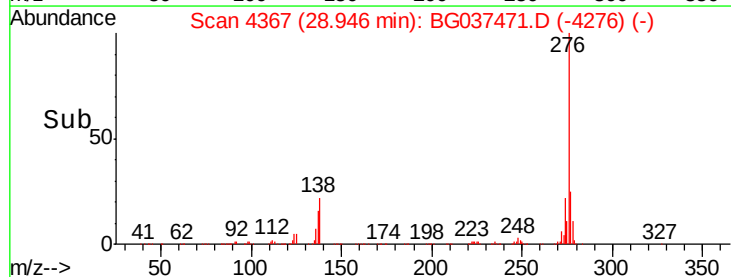
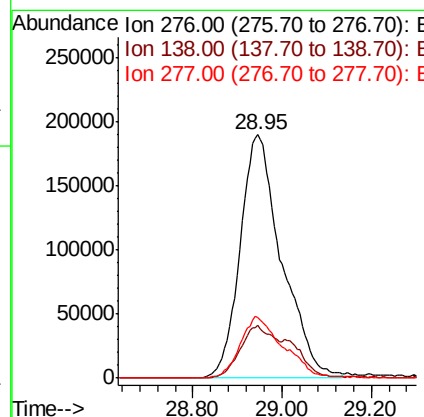
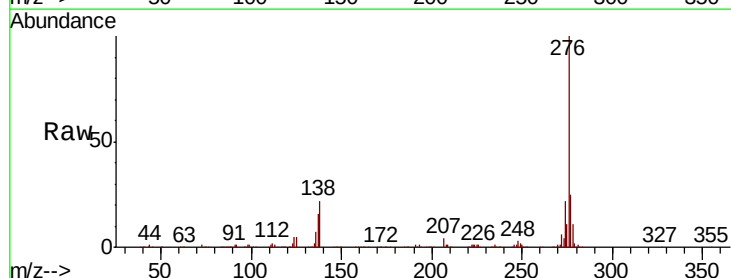
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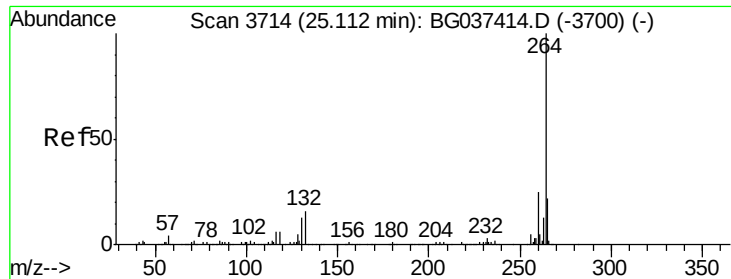
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 50.745 ng
RT: 28.95 min Scan# 4367
Delta R.T. 0.00 min
Lab File: BG037471.D
Acq: 20 Oct 2018 4:20

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.3	12.0	18.0#
277	26.0	20.6	30.8





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.11 min Scan# 3714

Delta R.T. -0.00 min

Lab File: BG037471.D

Acq: 20 Oct 2018 4:20

Instrument :

BNA_G

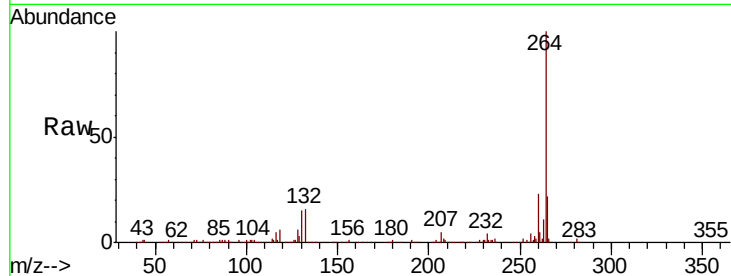
ClientSampleId :

PB113548BS

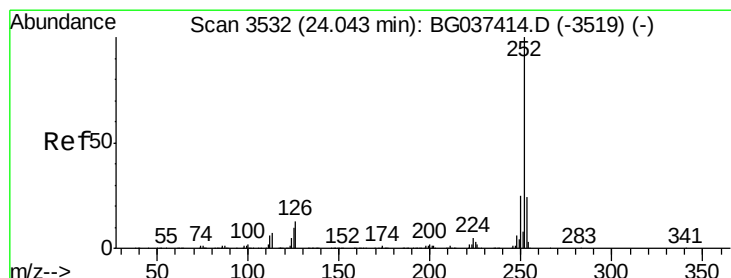
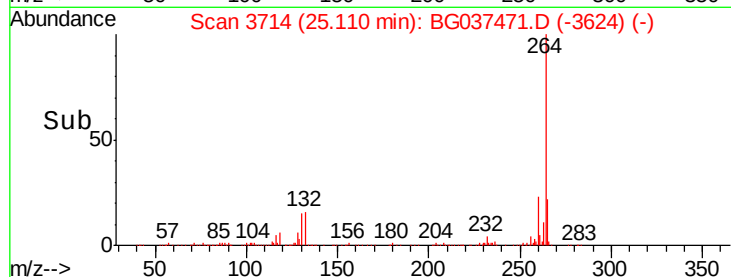
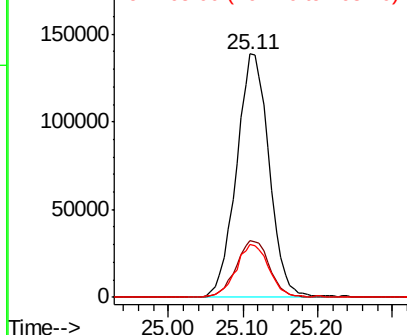
Tgt Ion:	264	Resp:	421695
Ion Ratio	Lower	Upper	
264	100		
260	23.2	18.2	27.4
265	21.9	17.9	26.9

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



#88

Benzo(b)fluoranthene

Concen: 50.022 ng

RT: 24.05 min Scan# 3533

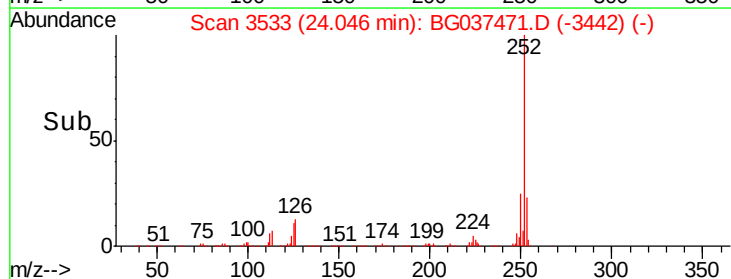
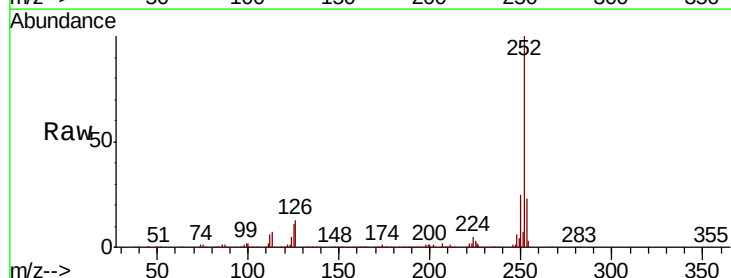
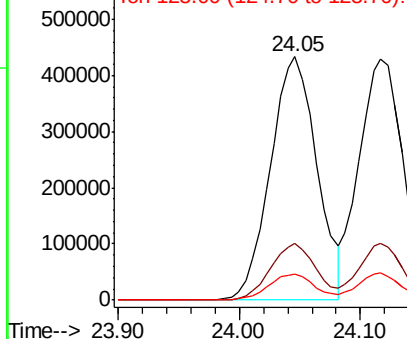
Delta R.T. 0.00 min

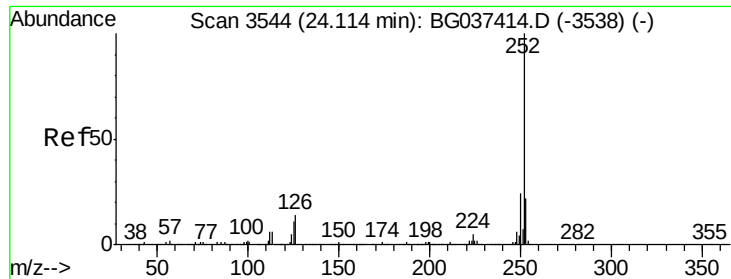
Lab File: BG037471.D

Acq: 20 Oct 2018 4:20

Tgt Ion:	252	Resp:	1156453
Ion Ratio	Lower	Upper	
252	100		
253	23.2	18.2	27.2
125	10.9	7.8	11.6

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





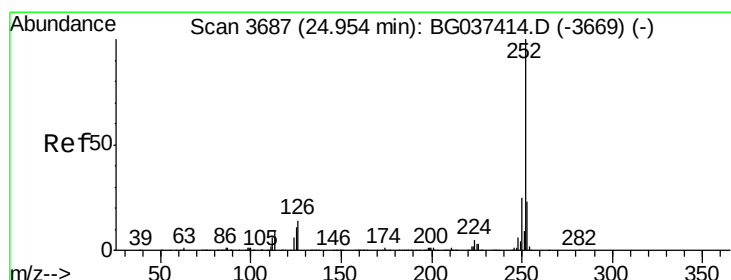
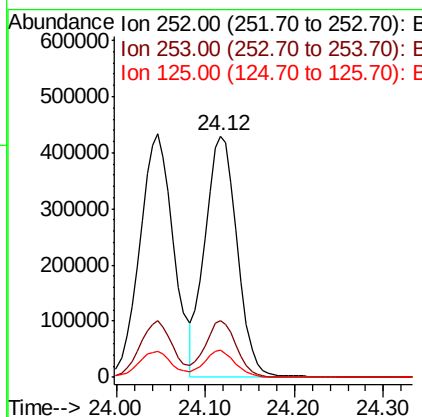
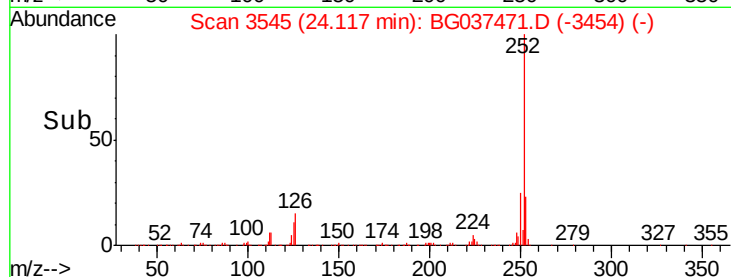
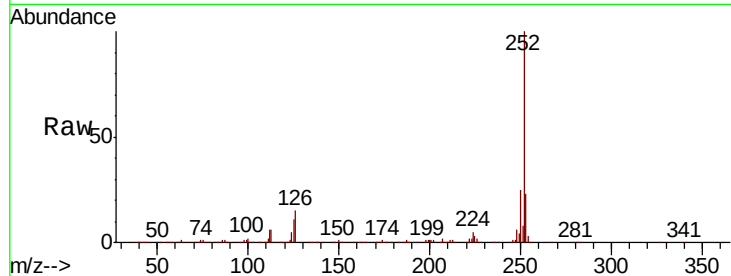
#89
Benzo(k)fluoranthene
Concen: 48.641 ng m
RT: 24.12 min Scan# 3545
Delta R.T. 0.00 min
Lab File: BG037471.D
Acq: 20 Oct 2018 4:20

Instrument :
BNA_G
ClientSampleId :
PB113548BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.4	26.2
125	11.2	7.4	11.0

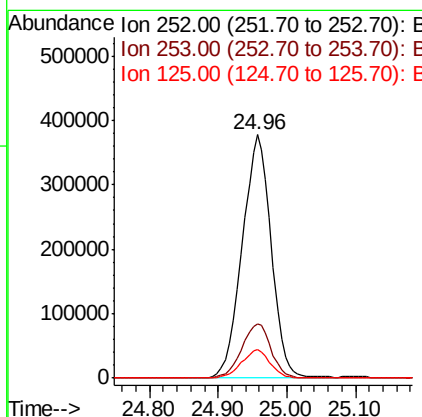
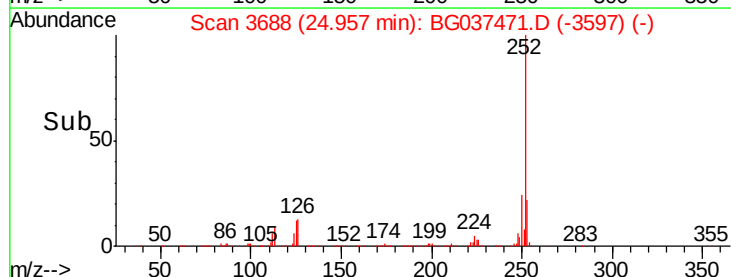
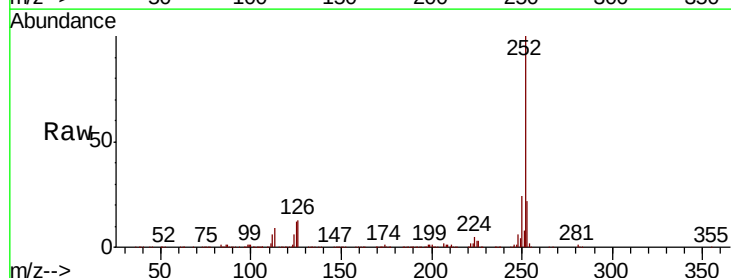
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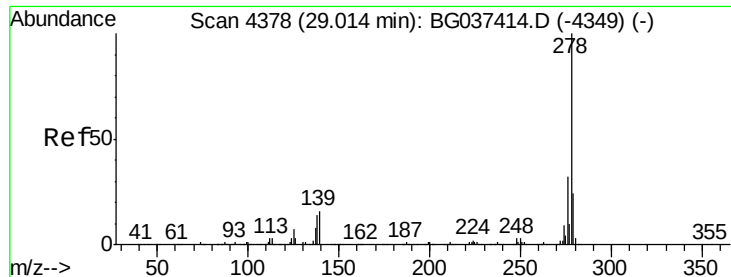
Sohil
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#90
Benzo(a)pyrene
Concen: 50.555 ng
RT: 24.96 min Scan# 3688
Delta R.T. 0.00 min
Lab File: BG037471.D
Acq: 20 Oct 2018 4:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	11.6	9.0	13.6





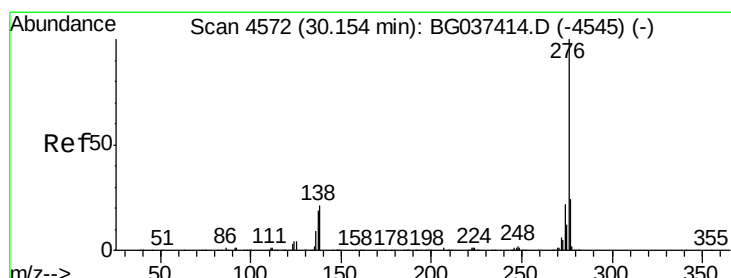
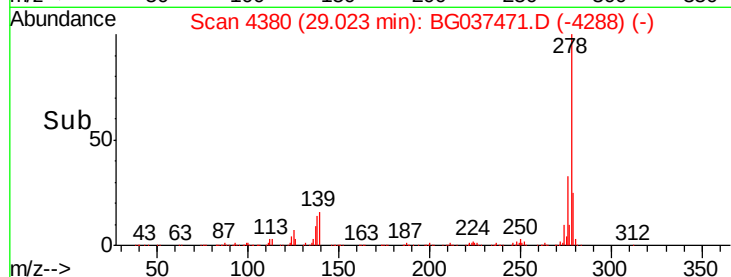
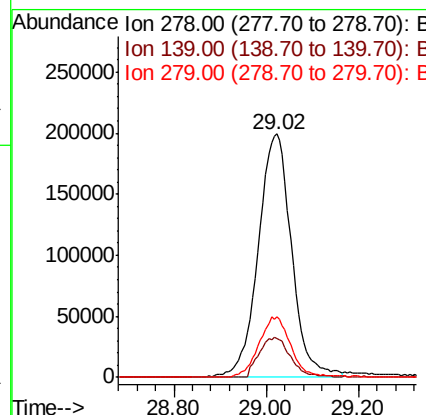
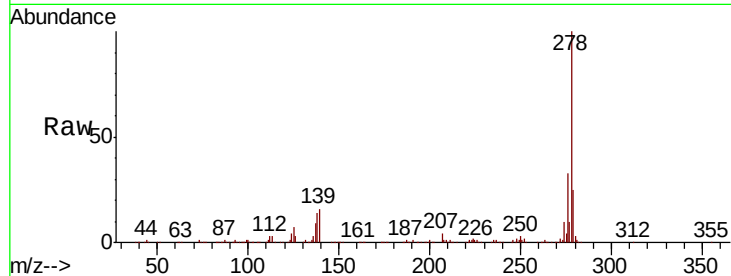
#91
Dibenzo(a,h)anthracene
Concen: 49.305 ng
RT: 29.02 min Scan# 4380
Delta R.T. 0.01 min
Lab File: BG037471.D
Acq: 20 Oct 2018 4:20

Instrument :
BNA_G
ClientSampleId :
PB113548BS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.2	11.5	17.3
279	25.0	18.6	27.8

Manual Integrations
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10/22/2018 3:39:38 PM



#92
Benzo(g,h,i)perylene
Concen: 50.253 ng
RT: 30.15 min Scan# 4572
Delta R.T. -0.00 min
Lab File: BG037471.D
Acq: 20 Oct 2018 4:20

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.9	28.3
138	21.9	17.2	25.8

