

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061418\
 Data File : BG035151.D
 Acq On : 14 Jun 2018 23:42
 Operator : SJ/JU
 Sample : PB110221BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB110221BS

Manual Integrations
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 6/15/2018 1:44:05 PM

Quant Time: Jun 15 02:30:43 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	47581	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	188357	20.00	ng	-0.01
38) Acenaphthene-d10	14.69	164	143974	20.00	ng	0.00
63) Phenanthrene-d10	17.43	188	389284	20.00	ng	0.00
75) Chrysene-d12	21.70	240	405258	20.00	ng	-0.01
86) Perylene-d12	24.93	264	402252	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	450692	159.85	ng	0.00
7) Phenol-d6	7.22	99	672945	161.71	ng	0.00
23) Nitrobenzene-d5	9.23	82	433289	109.35	ng	-0.01
41) 2,4,6-Tribromophenol	16.18	330	332531	180.42	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	1032190	93.20	ng	-0.01
78) Terphenyl-d14	20.04	244	1852131	95.73	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.55	88	40512	30.116	ng	# 76
3) Pyridine	3.94	79	124986	34.435	ng	# 76
4) n-Nitrosodimethylamine	3.86	42	55111	35.343	ng	# 75
6) Aniline	7.39	93	118722	22.071	ng	99
8) 2-Chlorophenol	7.63	128	142156	48.101	ng	96
9) Benzaldehyde	7.20	77	105777	33.000	ng	92
10) Phenol	7.25	94	216046	50.168	ng	96
11) bis(2-Chloroethyl)ether	7.48	93	135354	40.494	ng	88
12) 1,3-Dichlorobenzene	7.95	146	148190	42.026	ng	97
13) 1,4-Dichlorobenzene	8.11	146	149999	41.208	ng	93
14) 1,2-Dichlorobenzene	8.42	146	144542	42.274	ng	93
15) Benzyl Alcohol	8.30	79	175255	44.446	ng	89
16) 2,2'-oxybis(1-Chloropropan	8.59	45	157578	47.366	ng	77
17) 2-Methylphenol	8.50	107	145517	51.252	ng	# 92
18) Hexachloroethane	9.15	117	53294	40.896	ng	84
19) n-Nitroso-di-n-propylamine	8.87	70	135824	38.419	ng	# 83
20) 3+4-Methylphenols	8.83	107	208118	51.139	ng	91
22) Acetophenone	8.89	105	245101	42.007	ng	# 92
24) Nitrobenzene	9.27	77	200859	49.501	ng	95
25) Isophorone	9.79	82	396877	47.438	ng	98
26) 2-Nitrophenol	9.98	139	86080	61.545	ng	# 88
27) 2,4-Dimethylphenol	10.03	122	155657	52.947	ng	91
28) bis(2-Chloroethoxy)methane	10.27	93	207422	46.136	ng	98
29) 2,4-Dichlorophenol	10.51	162	175528	54.872	ng	96
30) 1,2,4-Trichlorobenzene	10.73	180	176437	45.998	ng	96
31) Naphthalene	10.92	128	439254	44.891	ng	99
32) Benzoic acid	10.17	122	101265	51.426	ng	98
33) 4-Chloroaniline	11.02	127	47415	11.160	ng	# 94
34) Hexachlorobutadiene	11.20	225	135180	45.315	ng	100
35) Caprolactam	11.80	113	63799m	53.966	ng	
36) 4-Chloro-3-methylphenol	12.14	107	222710	55.851	ng	94
37) 2-Methylnaphthalene	12.52	142	360702	48.622	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	243860	45.473	ng	98
40) Hexachlorocyclopentadiene	12.87	237	335746	99.837	ng	94

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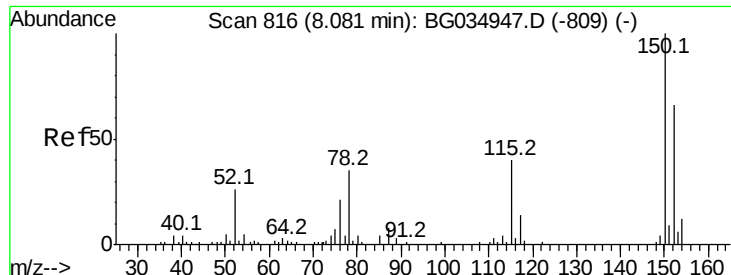
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	170256	53.021	ng	96
43) 2,4,5-Trichlorophenol	13.19	196	185623	52.667	ng	99
45) 1,1'-Biphenyl	13.52	154	498563	43.065	ng	96
46) 2-Chloronaphthalene	13.57	162	403555	46.105	ng	97
47) 2-Nitroaniline	13.77	65	145332	56.229	ng	95
48) Acenaphthylene	14.41	152	672526	45.822	ng	99
49) Dimethylphthalate	14.14	163	570558	45.445	ng	98
50) 2,6-Dinitrotoluene	14.26	165	133002	58.068	ng	93
51) Acenaphthene	14.75	154	440861	45.974	ng	97
52) 3-Nitroaniline	14.58	138	52254	23.250	ng	# 94
53) 2,4-Dinitrophenol	14.79	184	68393	73.782	ng	# 66
54) Dibenzofuran	15.08	168	661578	46.065	ng	92
55) 4-Nitrophenol	14.89	139	192027	101.235	ng	# 88
56) 2,4-Dinitrotoluene	15.04	165	189509	62.285	ng	90
57) Fluorene	15.74	166	554059	46.161	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.31	232	191316	55.877	ng	94
59) Diethylphthalate	15.51	149	570122	44.509	ng	98
60) 4-Chlorophenyl-phenylether	15.72	204	318869	46.589	ng	98
61) 4-Nitroaniline	15.75	138	129708	53.813	ng	# 83
62) Azobenzene	16.02	77	570913	45.483	ng	95
64) 4,6-Dinitro-2-methylphenol	15.81	198	75793	42.644	ng	82
65) n-Nitrosodiphenylamine	15.94	169	497811	42.582	ng	98
66) 4-Bromophenyl-phenylether	16.62	248	226341	48.282	ng	97
67) Hexachlorobenzene	16.73	284	228345	47.856	ng	95
68) Atrazine	16.89	200	226717	45.476	ng	99
69) Pentachlorophenol	17.08	266	248878	77.568	ng	98
70) Phenanthrene	17.47	178	899793	45.502	ng	97
71) Anthracene	17.56	178	914209	46.153	ng	98
72) Carbazole	17.83	167	822937	44.776	ng	98
73) Di-n-butylphthalate	18.39	149	951628	43.442	ng	# 98
74) Fluoranthene	19.48	202	1179034	45.819	ng	96
76) Benzidine	19.65	184	296995	19.698	ng	97
77) Pyrene	19.84	202	1155790	43.262	ng	96
79) Butylbenzylphthalate	20.72	149	434807	44.820	ng	97
80) Benzo(a)anthracene	21.68	228	1188975	45.911	ng	99
81) 3,3'-Dichlorobenzidine	21.59	252	209803	21.533	ng	97
82) Chrysene	21.75	228	1105703	46.633	ng	96
83) Bis(2-ethylhexyl)phthalate	21.59	149	599593	43.741	ng	100
84) Di-n-octyl phthalate	22.81	149	1021508	43.437	ng	# 93
85) Indeno(1,2,3-cd)pyrene	28.61	276	1253975	45.156	ng	# 88
87) Benzo(b)fluoranthene	23.91	252	1171800	47.304	ng	# 97
88) Benzo(k)fluoranthene	23.98	252	1109513	45.787	ng	# 96
89) Benzo(a)pyrene	24.78	252	1119897	48.045	ng	# 97
90) Dibenzo(a,h)anthracene	28.68	278	995836	43.278	ng	# 94
91) Benzo(g,h,i)perylene	29.77	276	1024958	45.515	ng	# 92

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



#1

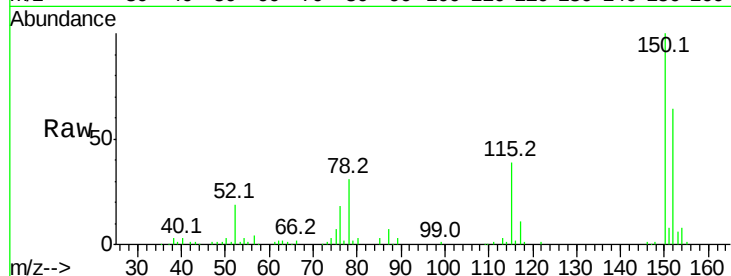
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035151.D
Acq: 14 Jun 2018 23:42

Instrument :
BNA_G
ClientSampleId :
PB110221BS

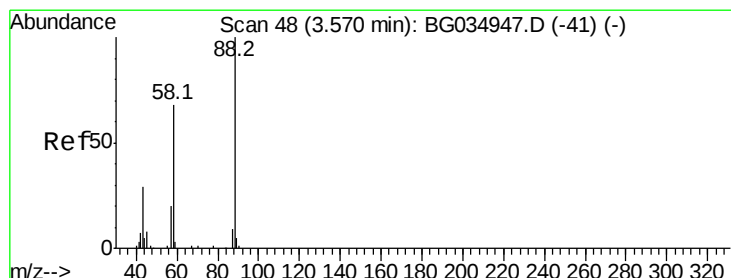
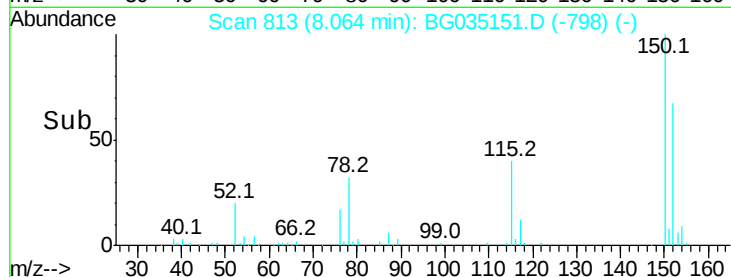
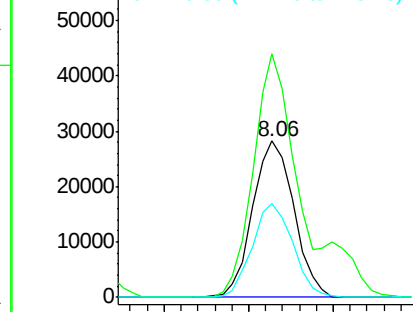
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	126.6	189.8
115	60.0	53.0	79.4

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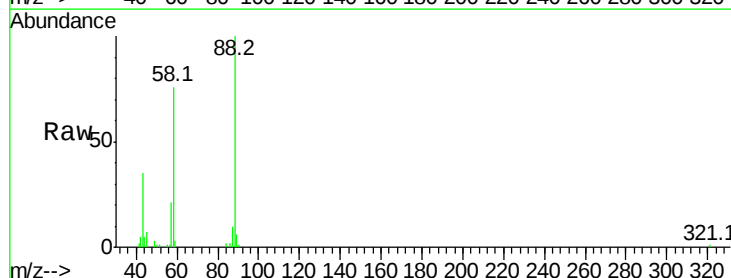
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



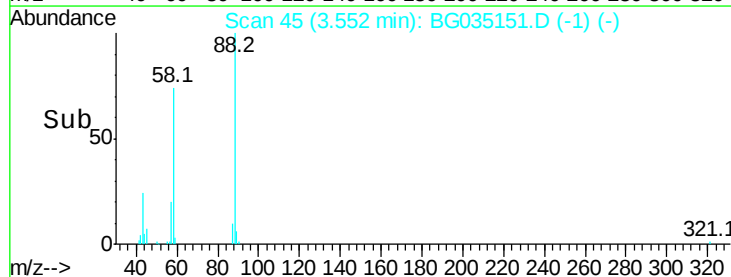
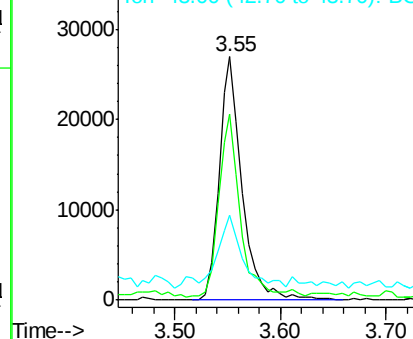
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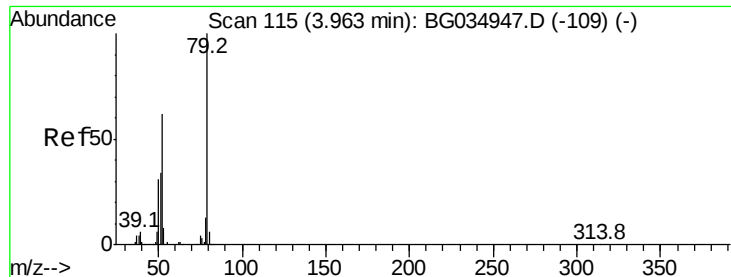
1,4-Dioxane
Concen: 30.116 ng
RT: 3.55 min Scan# 45
Delta R.T. -0.01 min
Lab File: BG035151.D
Acq: 14 Jun 2018 23:42

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.3	79.6	119.4#
43	29.9	27.4	41.0



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 34.435 ng

RT: 3.94 min Scan# 111

Delta R.T. -0.02 min

Lab File: BG035151.D

Acq: 14 Jun 2018 23:42

Instrument :

BNA_G

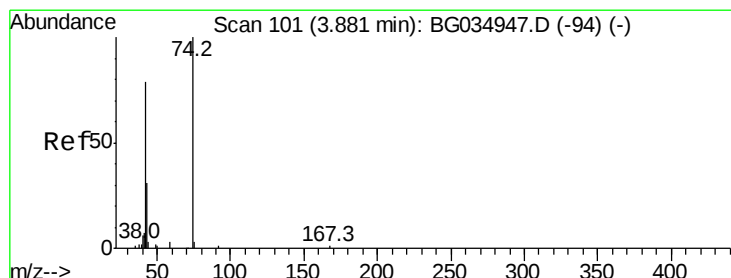
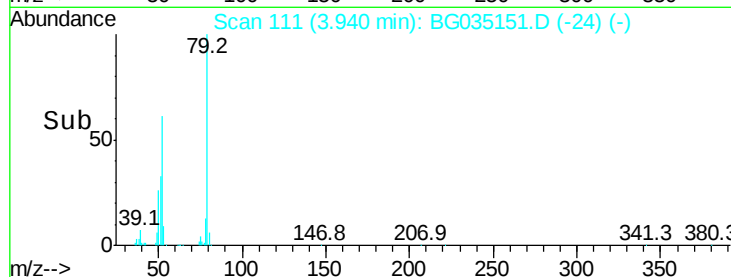
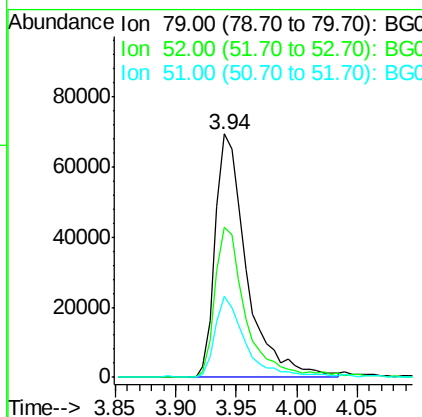
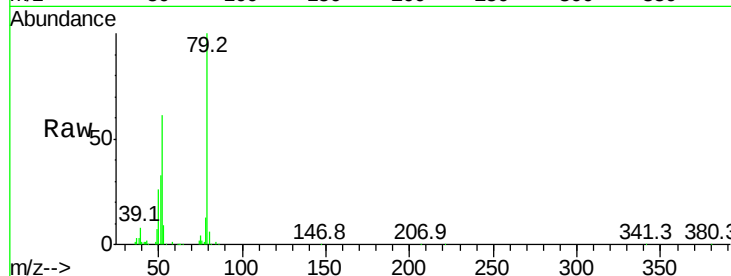
ClientSampleId :

PB110221BS

Tot Ion:	79	Resp:	124986
Ion Ratio	Lower	Upper	
79	100		
52	61.4	69.9	104.9#
51	33.0	34.0	51.0#

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#4

n-Nitrosodimethylamine

Concen: 35.343 ng

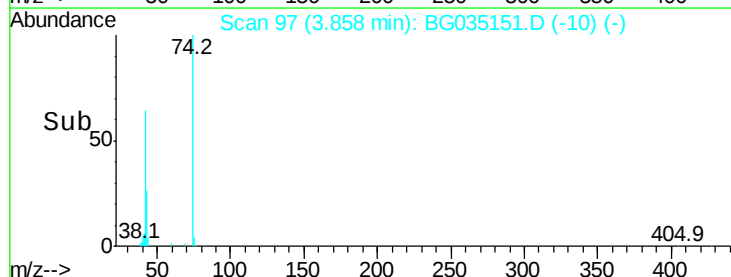
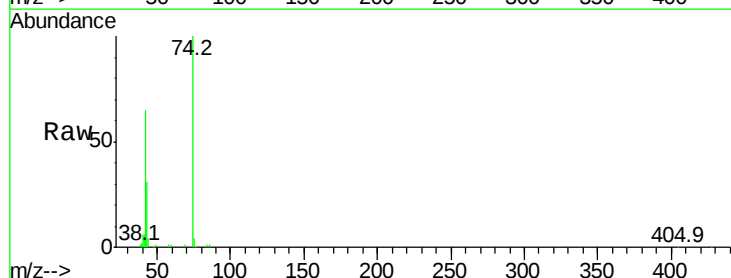
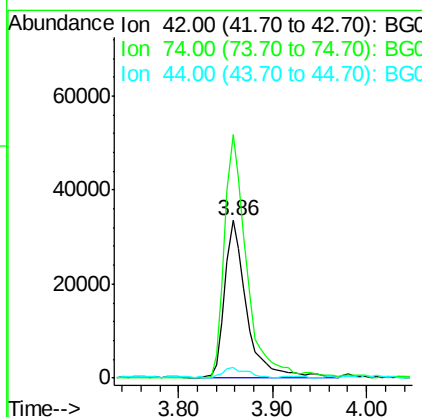
RT: 3.86 min Scan# 97

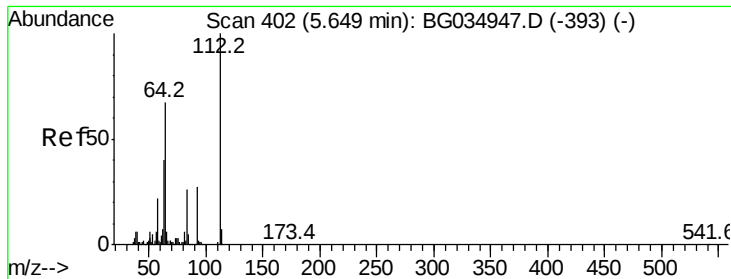
Delta R.T. -0.02 min

Lab File: BG035151.D

Acq: 14 Jun 2018 23:42

Tgt Ion:	42	Resp:	55111
Ion Ratio	Lower	Upper	
42	100		
74	154.7	102.5	153.7#
44	6.5	18.9	28.3#





#5

2-Fluorophenol

Concen: 159.852 ng

RT: 5.64 min Scan# 400

Delta R.T. -0.01 min

Lab File: BG035151.D

Acq: 14 Jun 2018 23:42

Instrument :

BNA_G

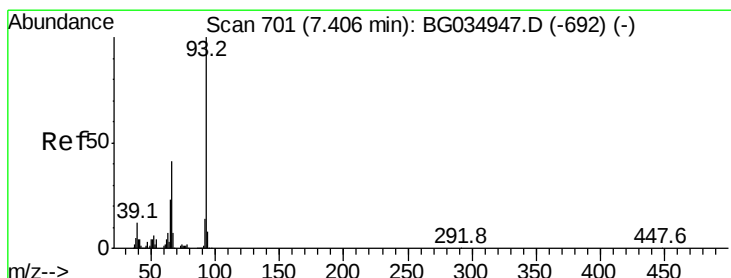
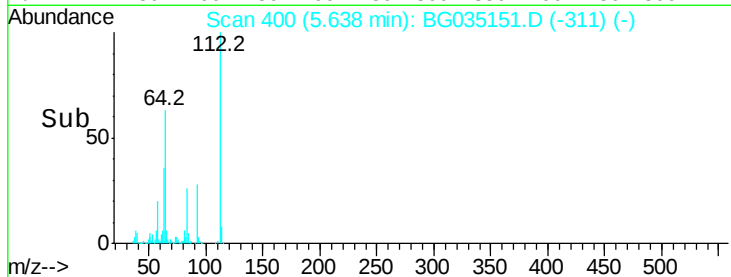
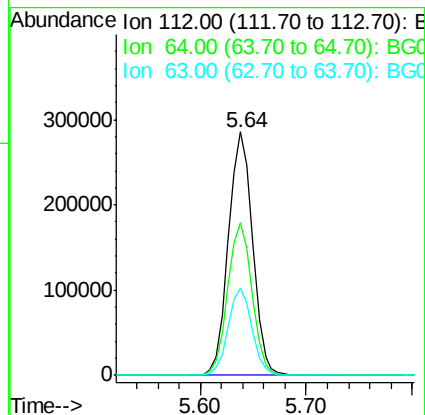
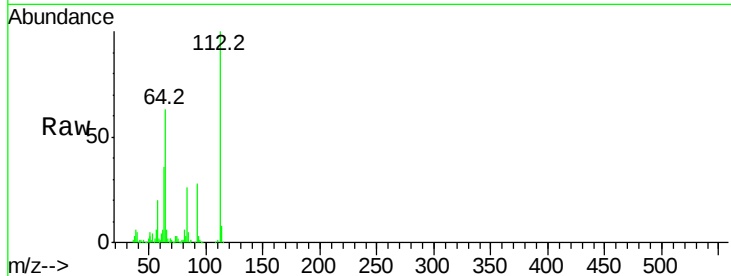
ClientSampleId :

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Tot Ion:	112	Resp:	450692
Ion Ratio	Lower	Upper	
112	100		
64	63.0	56.3	84.5
63	35.9	30.1	45.1

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#6

Aniline

Concen: 22.071 ng

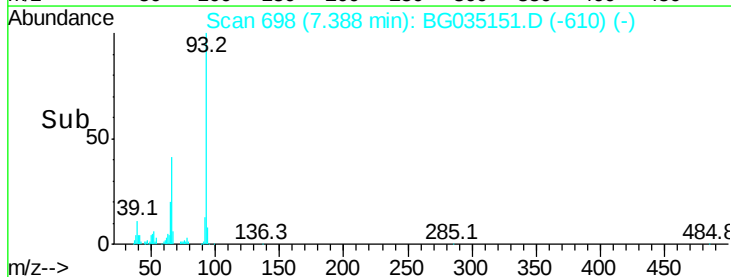
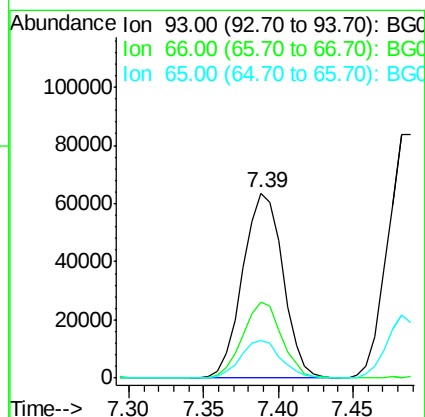
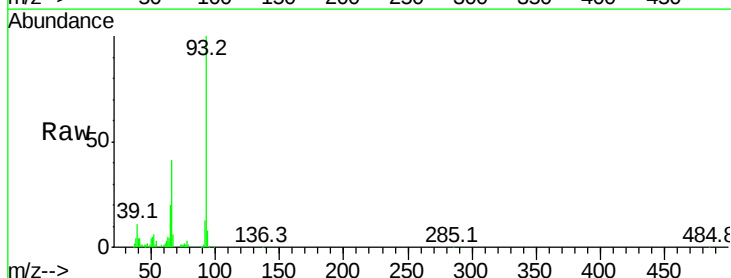
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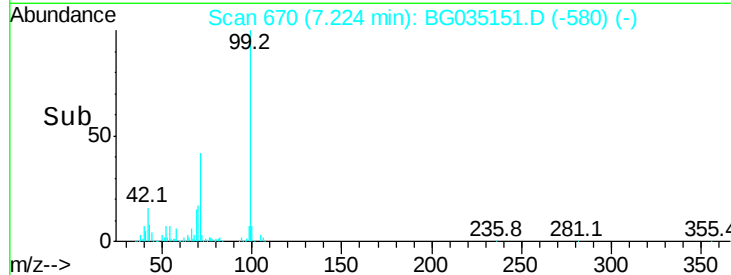
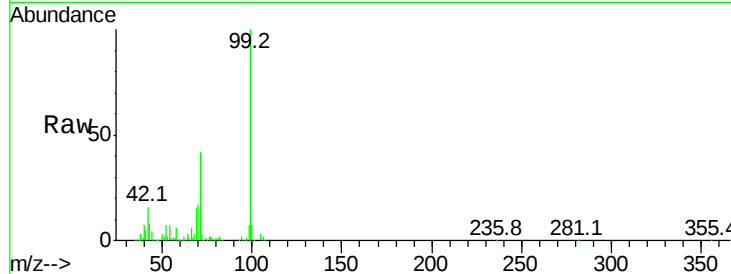
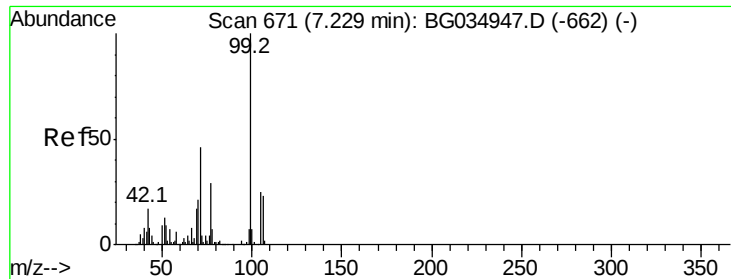
Delta R.T. -0.01 min

Lab File: BG035151.D

Acq: 14 Jun 2018 23:42

Tgt Ion:	93	Resp:	118722
Ion Ratio	Lower	Upper	
93	100		
66	40.9	33.7	50.5
65	20.3	16.1	24.1





#7

Phenol-d6

Concen: 161.714 ng

RT: 7.22 min Scan# 670

Delta R.T. -0.00 min

Lab File: BG035151.D

Acq: 14 Jun 2018 23:42

Tot Ion:	99	Resp:	672945
Ion Ratio	Lower	Upper	
99	100		
42	16.4	14.1	21.1
71	41.8	26.1	39.1#

Instrument :

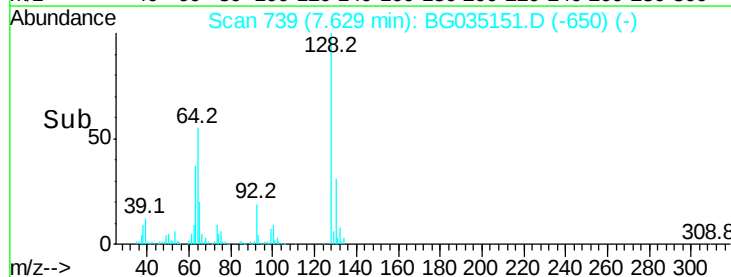
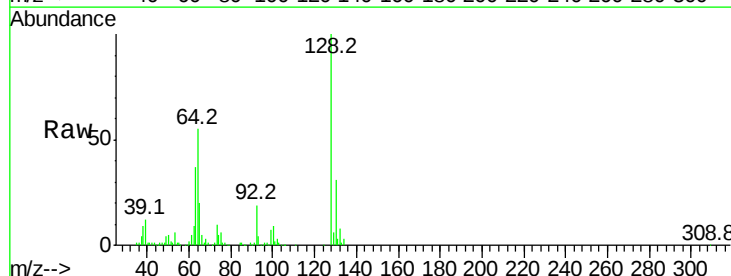
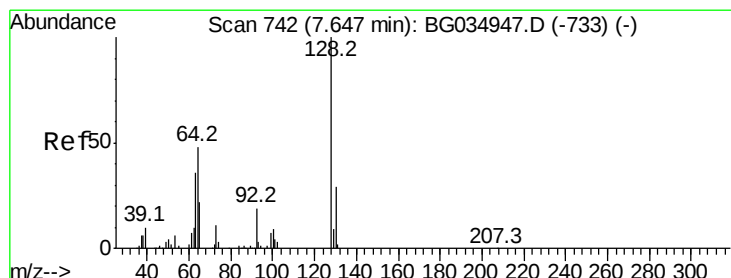
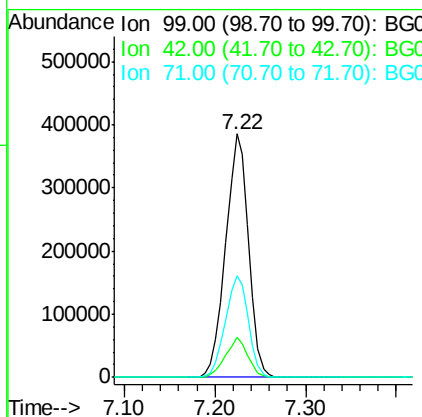
BNA_G

ClientSampled :

PB110221BS

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#8

2-Chlorophenol

Concen: 48.101 ng

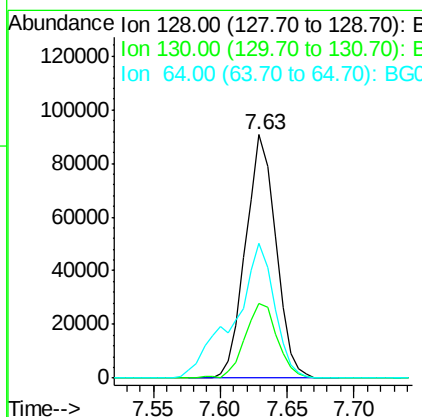
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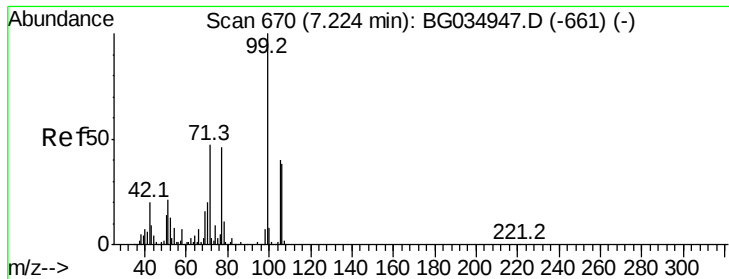
Delta R.T. -0.01 min

Lab File: BG035151.D

Acq: 14 Jun 2018 23:42

Tgt Ion:	128	Resp:	142156
Ion Ratio	Lower	Upper	
128	100		
130	30.7	14.0	54.0
64	55.1	37.7	77.7





#9

Benzaldehyde

Concen: 33.000 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG035151.D

Acq: 14 Jun 2018 23:42

Instrument :

BNA_G

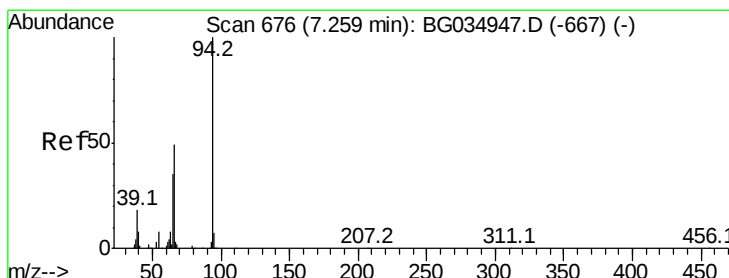
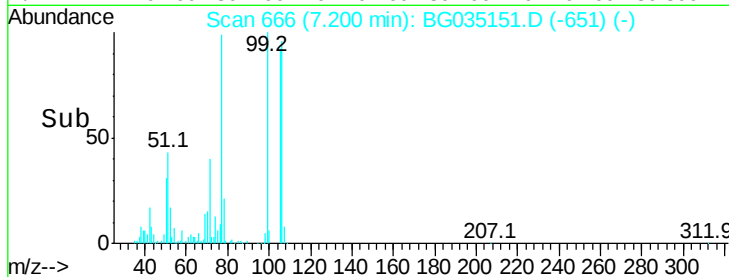
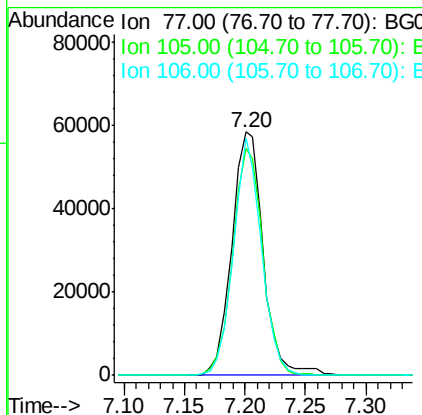
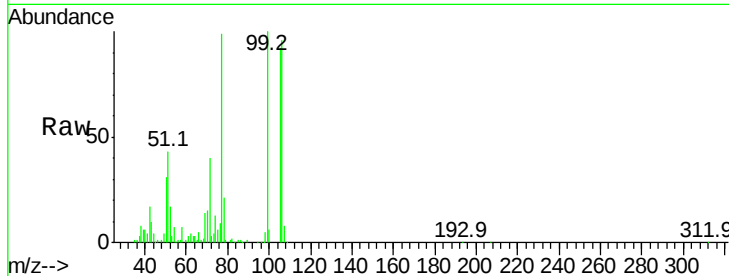
ClientSampleId :

PB110221BS

Tot Ion:	77	Resp:	105777
Ion Ratio	Lower	Upper	
77	100		
105	93.2	71.3	111.3
106	97.3	64.2	104.2

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#10

Phenol

Concen: 50.168 ng

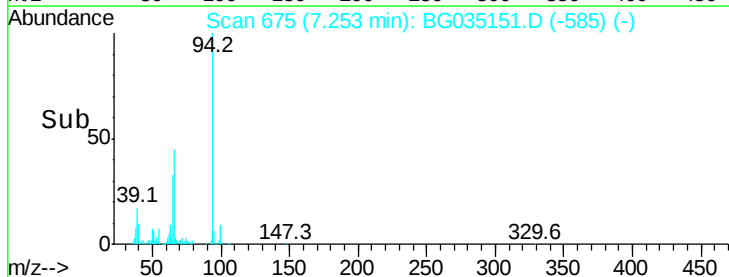
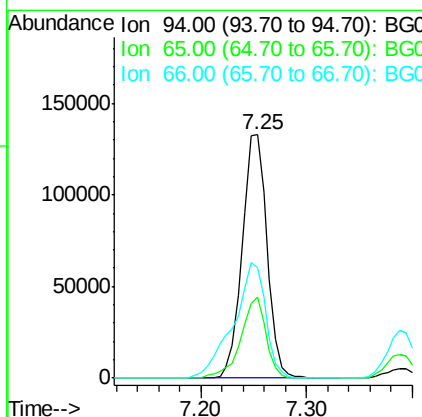
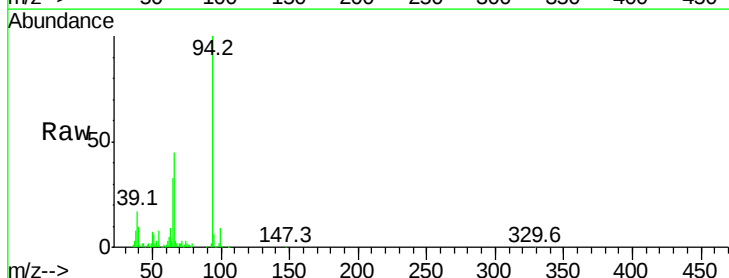
RT: 7.25 min Scan# 675

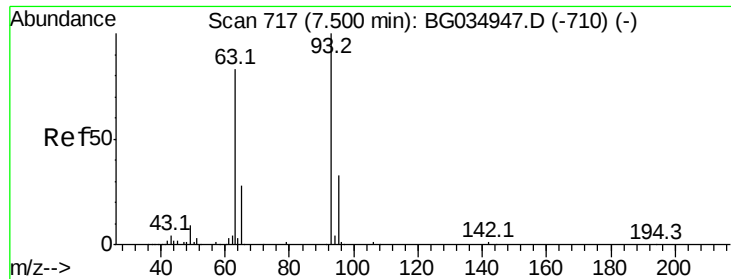
Delta R.T. -0.00 min

Lab File: BG035151.D

Acq: 14 Jun 2018 23:42

Tgt Ion:	94	Resp:	216046
Ion Ratio	Lower	Upper	
94	100		
65	33.4	11.9	51.9
66	45.3	22.2	62.2





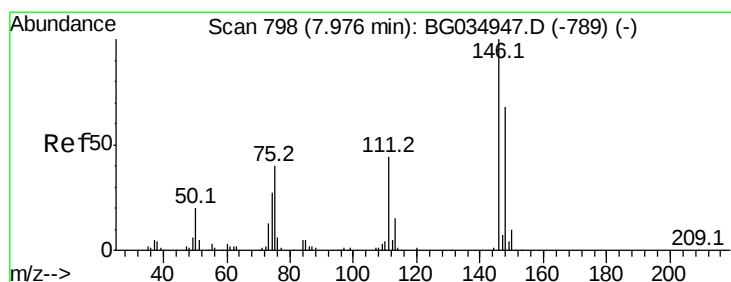
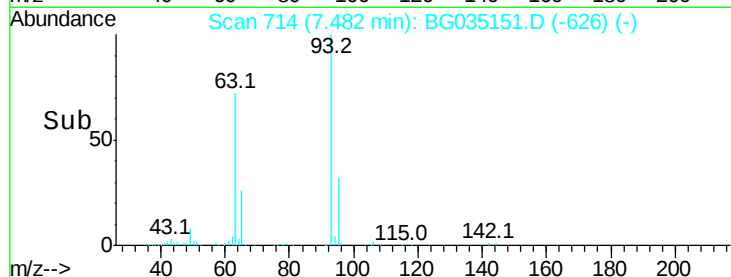
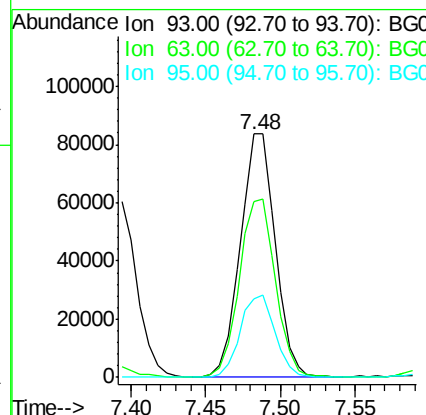
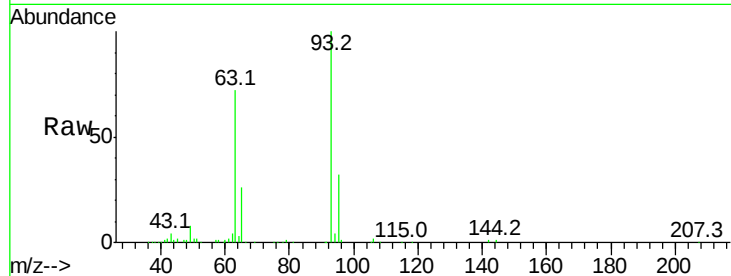
#11
bis(2-Chloroethyl)ether
Concen: 40.494 ng
RT: 7.48 min Scan# 714
Delta R.T. -0.01 min
Lab File: BG035151.D
Acq: 14 Jun 2018 23:42

Instrument :
BNA_G
ClientSampleId :
PB110221BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	72.4	67.1	107.1	
95	32.1	11.5	51.5	

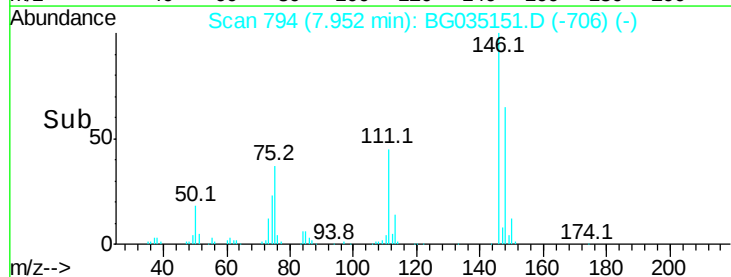
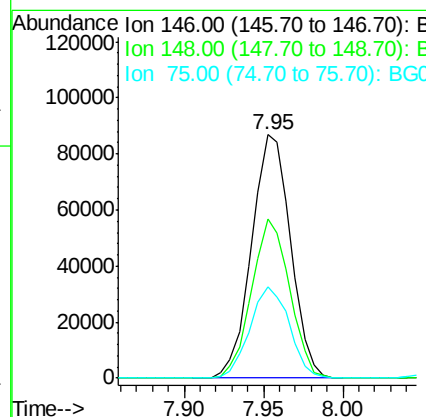
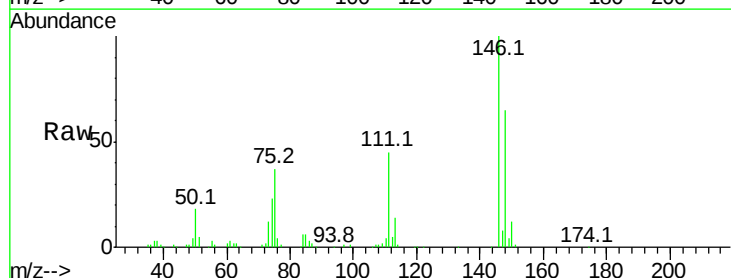
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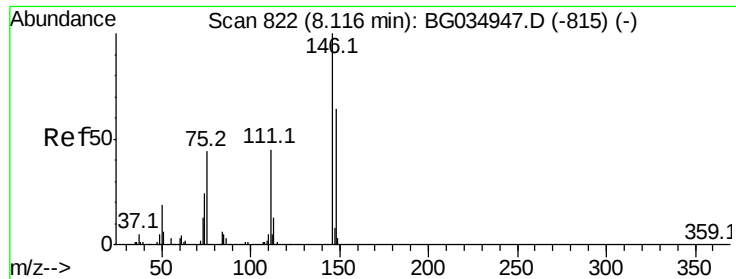
Sohil
6/15/2018 1:44:05 PM



#12
1,3-Dichlorobenzene
Concen: 42.026 ng
RT: 7.95 min Scan# 794
Delta R.T. -0.01 min
Lab File: BG035151.D
Acq: 14 Jun 2018 23:42

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	65.1	51.4	77.2	
75	37.3	26.6	39.8	





#13

1,4-Dichlorobenzene

Concen: 41.208 ng

RT: 8.11 min Scan# 820

Delta R.T. -0.01 min

Lab File: BG035151.D

Acq: 14 Jun 2018 23:42

Instrument :

BNA_G

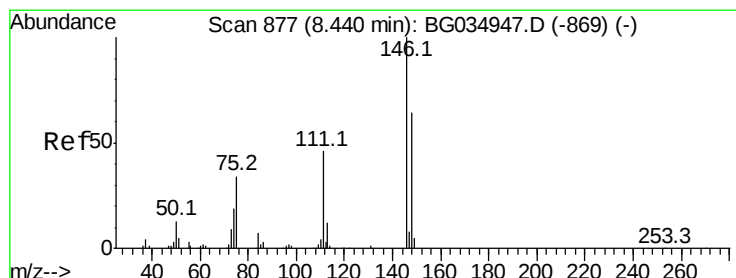
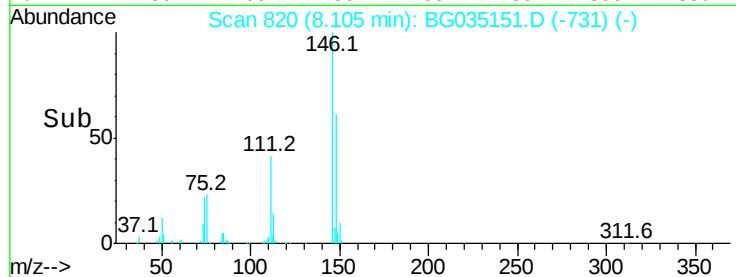
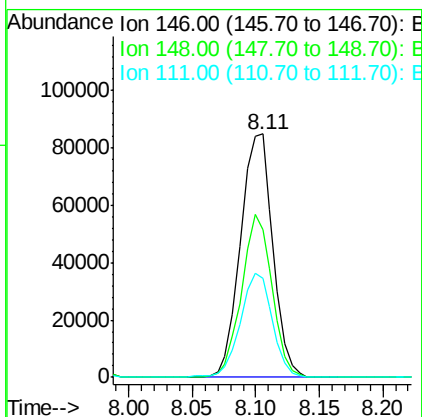
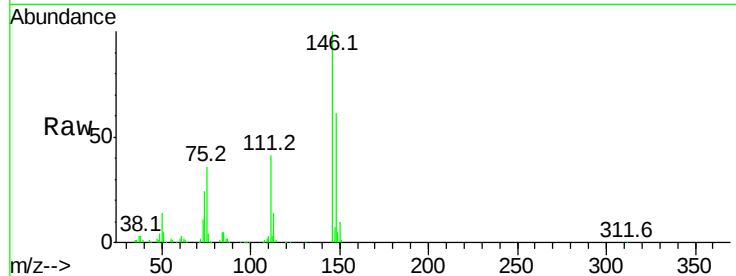
ClientSampled :

PB110221BS

Tot Ion:	146	Resp:	149999
Ion Ratio	Lower	Upper	
146	100		
148	60.8	53.7	80.5
111	40.6	35.2	52.8

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#14

1,2-Dichlorobenzene

Concen: 42.274 ng

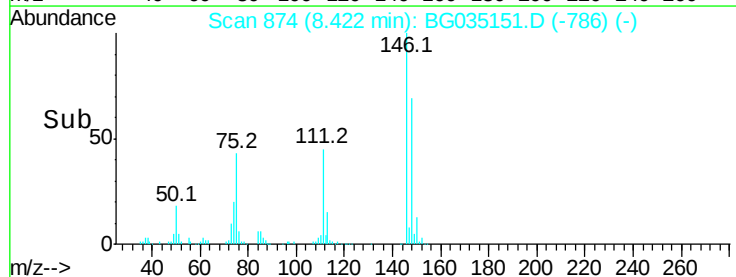
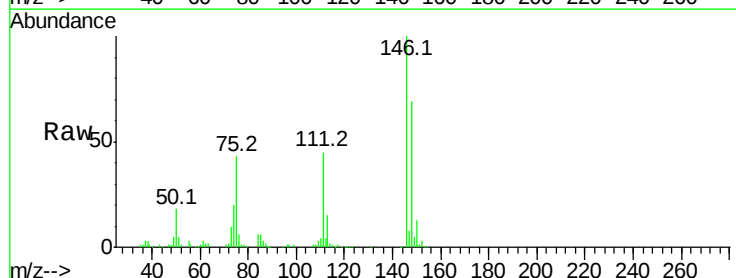
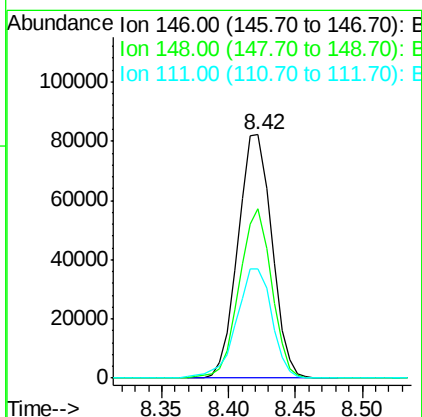
RT: 8.42 min Scan# 874

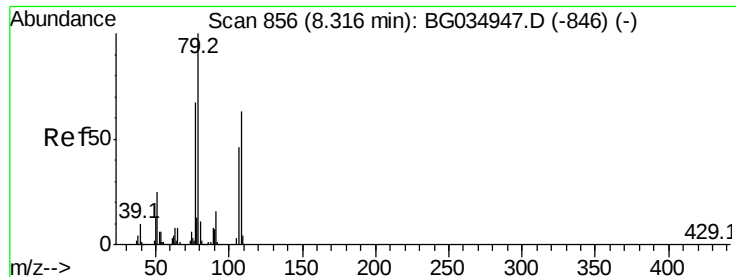
Delta R.T. -0.01 min

Lab File: BG035151.D

Acq: 14 Jun 2018 23:42

Tgt Ion:	146	Resp:	144542
Ion Ratio	Lower	Upper	
146	100		
148	69.5	49.3	73.9
111	45.1	34.3	51.5





#15

Benzyl Alcohol

Concen: 44.446 ng

RT: 8.30 min Scan# 853

Delta R.T. -0.01 min

Lab File: BG035151.D

Acq: 14 Jun 2018 23:42

Instrument :

BNA_G

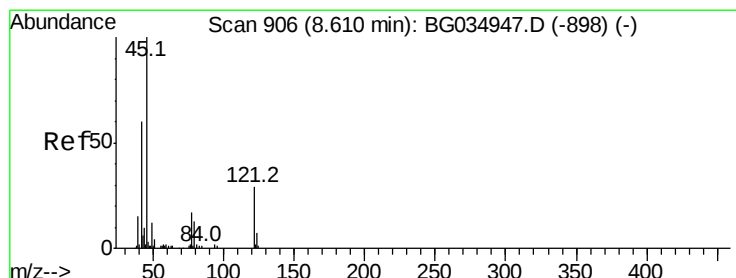
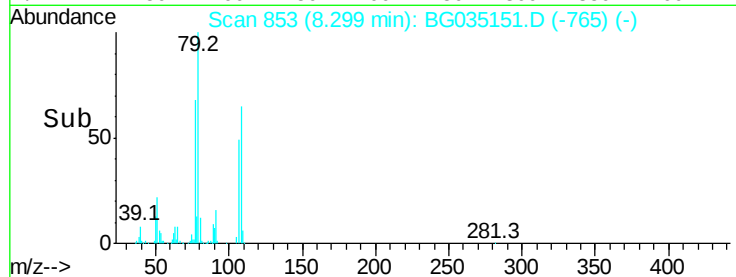
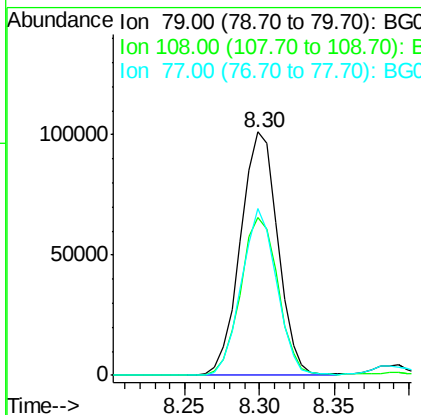
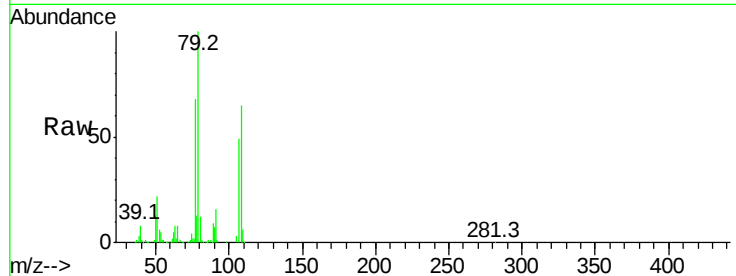
ClientSampled :

PB110221BS

Tot Ion:	79	Resp:	175255
Ion Ratio	Lower	Upper	
79	100		
108	65.0	57.2	85.8
77	68.4	46.1	69.1

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#16

2,2'-oxybis(1-chloropropane)

Concen: 47.366 ng

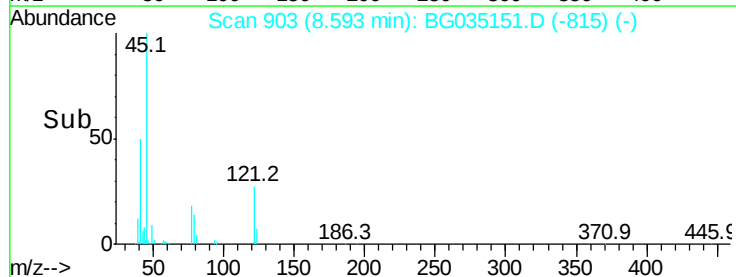
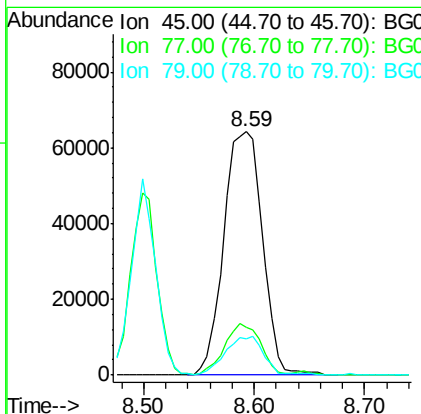
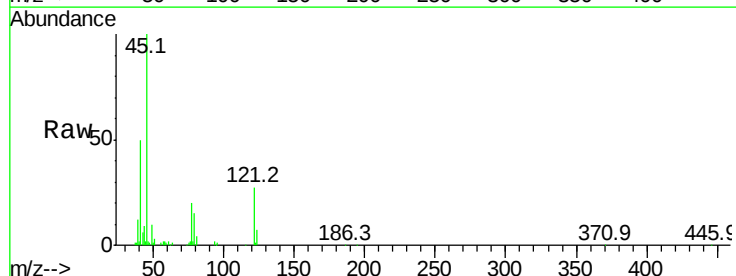
RT: 8.59 min Scan# 903

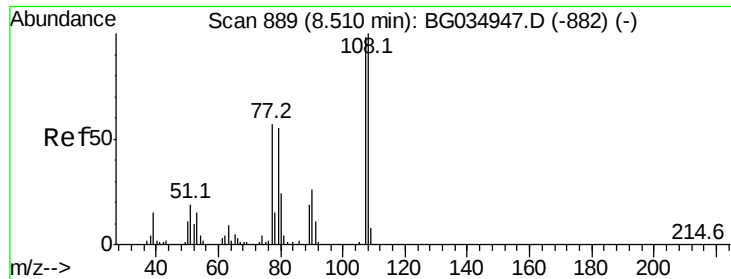
Delta R.T. -0.01 min

Lab File: BG035151.D

Acq: 14 Jun 2018 23:42

Tgt Ion:	45	Resp:	157578
Ion Ratio	Lower	Upper	
45	100		
77	19.5	0.0	30.2
79	14.9	0.0	27.9





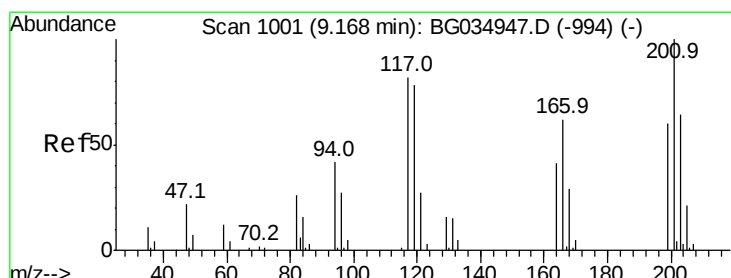
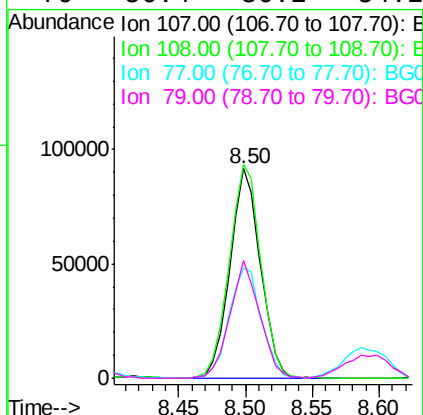
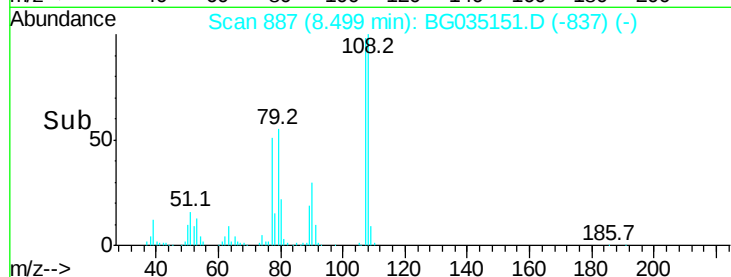
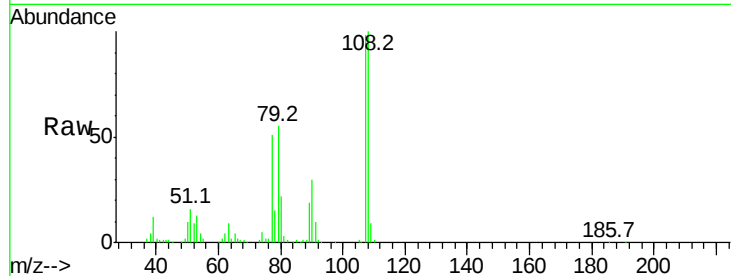
#17
2-Methylphenol
Concen: 51.252 ng
RT: 8.50 min Scan# 887
Delta R.T. -0.01 min
Lab File: BG035151.D
Acq: 14 Jun 2018 23:42

Instrument :
BNA_G
ClientSampleId :
PB110221BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	101.9	83.9	125.9	
77	52.3	37.2	55.8	
79	56.4	36.2	54.2	

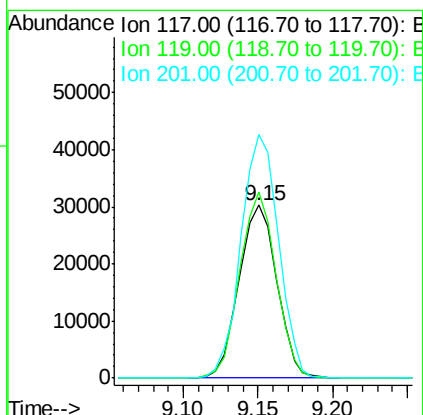
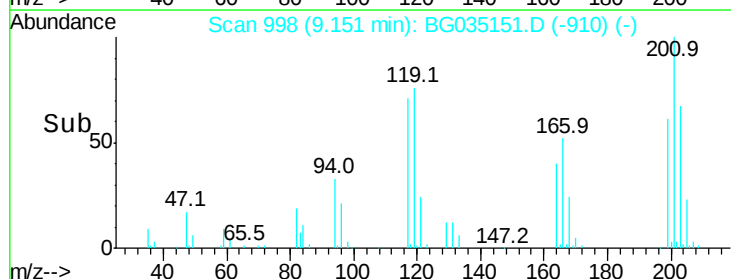
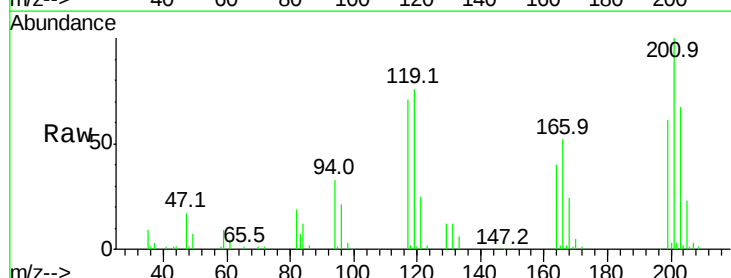
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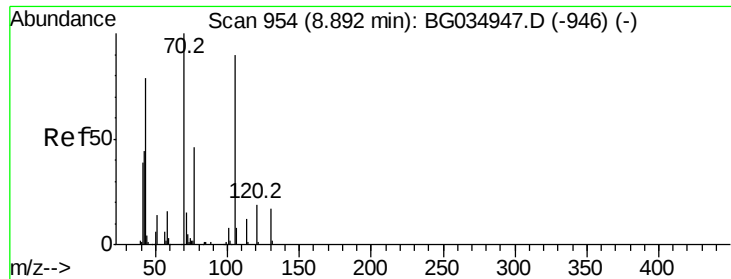
Sohil
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#18
Hexachloroethane
Concen: 40.896 ng
RT: 9.15 min Scan# 998
Delta R.T. -0.01 min
Lab File: BG035151.D
Acq: 14 Jun 2018 23:42

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	107.6	76.7	115.1	
201	140.9	95.7	143.5	





#19

n-Nitroso-di-n-propylamine

Concen: 38.419 ng

RT: 8.87 min Scan# 950

Delta R.T. -0.01 min

Lab File: BG035151.D

Acq: 14 Jun 2018 23:42

Instrument :

BNA_G

ClientSampleId :

PB110221BS

Tot Ion: 70 Resp: 135824

Ion Ratio Lower Upper

70 100

42 44.2 49.1 73.7#

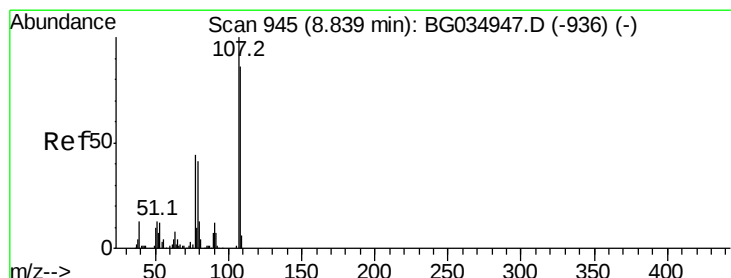
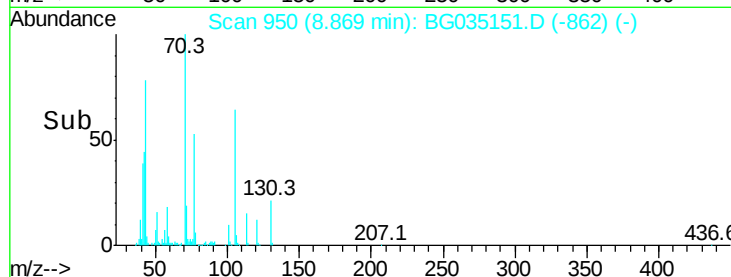
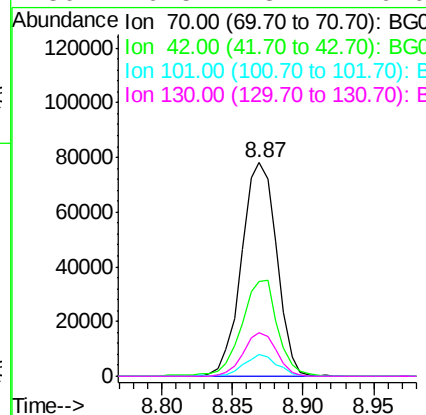
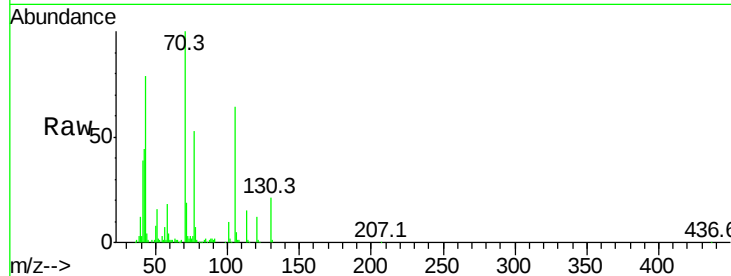
101 10.0 8.5 12.7

130 20.5 13.4 20.0#

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#20

3+4-Methylphenols

Concen: 51.139 ng

RT: 8.83 min Scan# 943

Delta R.T. -0.01 min

Lab File: BG035151.D

Acq: 14 Jun 2018 23:42

Tgt Ion: 107 Resp: 208118

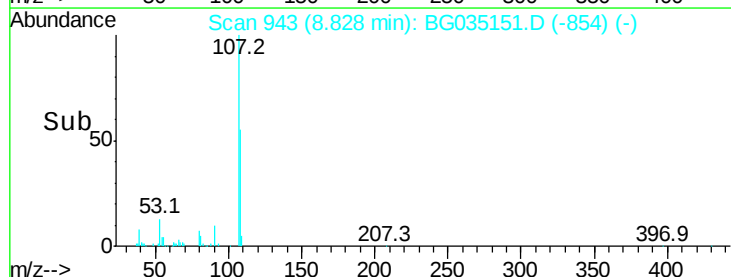
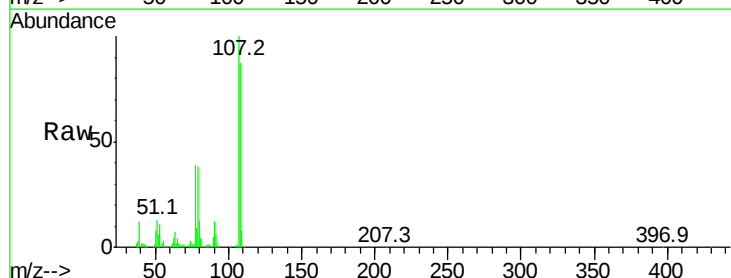
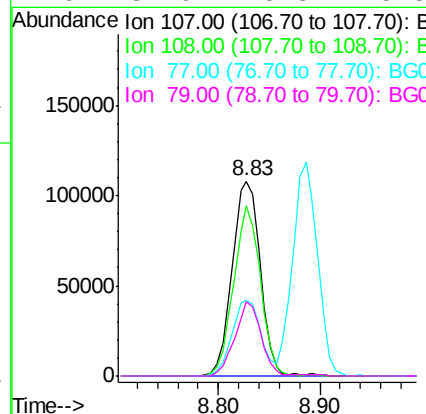
Ion Ratio Lower Upper

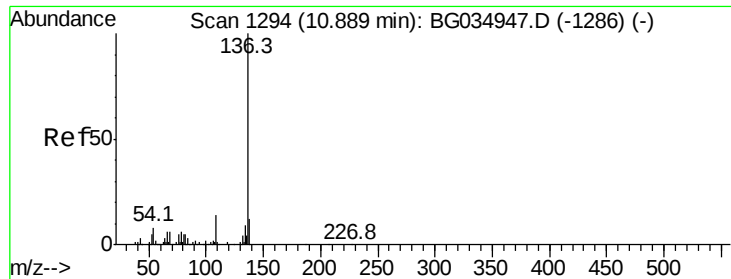
107 100

108 87.2 61.6 101.6

77 38.7 13.9 53.9

79 37.9 8.8 48.8





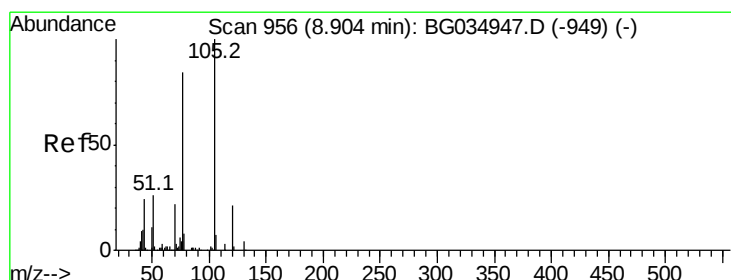
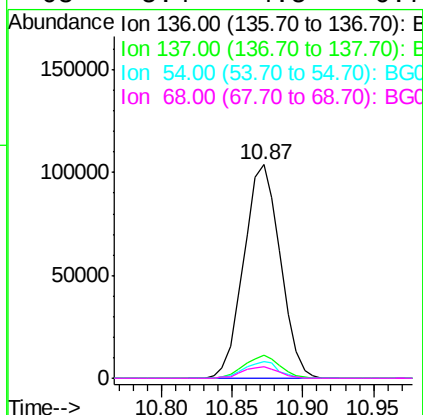
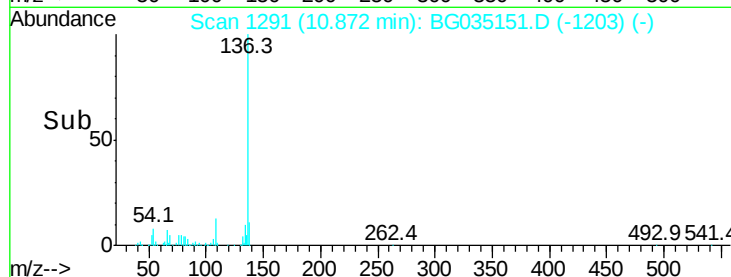
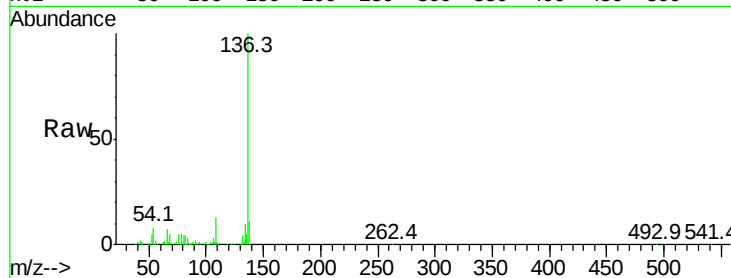
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BG035151.D
Acq: 14 Jun 2018 23:42

Instrument :
BNA_G
ClientSampleId :
PB110221BS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.8	9.2	13.8
54	7.6	10.3	15.5#
68	5.4	4.5	6.7

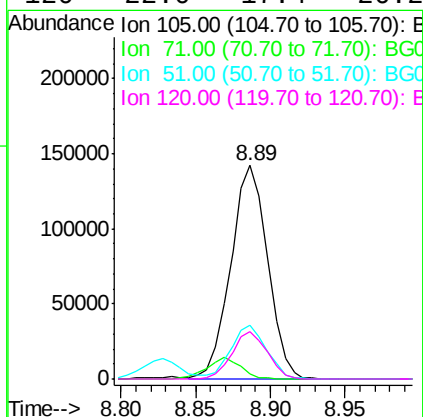
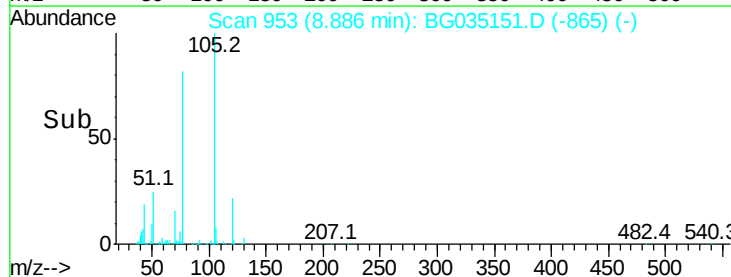
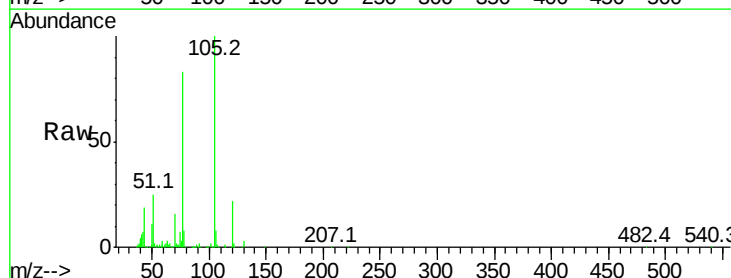
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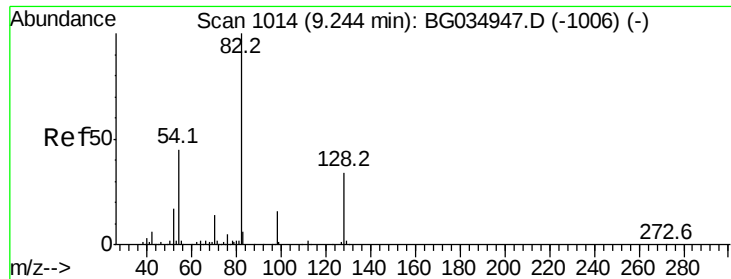
Sohil
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#22
Acetophenone
Concen: 42.007 ng
RT: 8.89 min Scan# 953
Delta R.T. -0.01 min
Lab File: BG035151.D
Acq: 14 Jun 2018 23:42

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	2.5	3.0	4.4#
51	25.1	26.1	39.1#
120	22.0	17.4	26.2





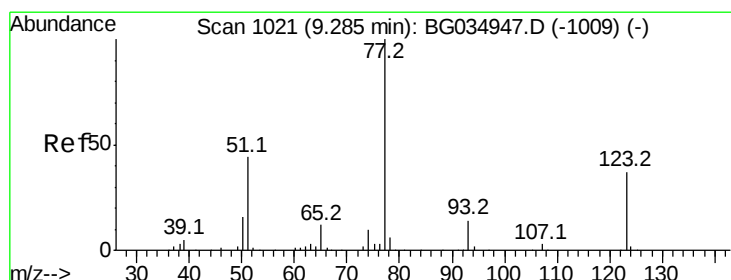
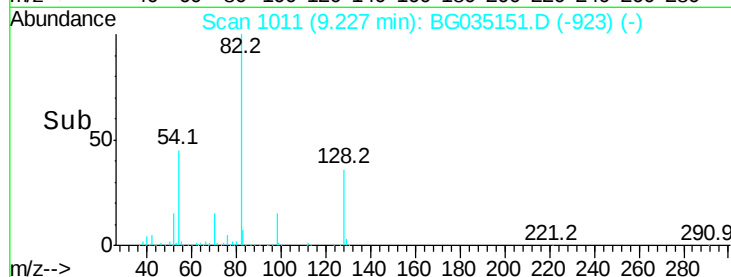
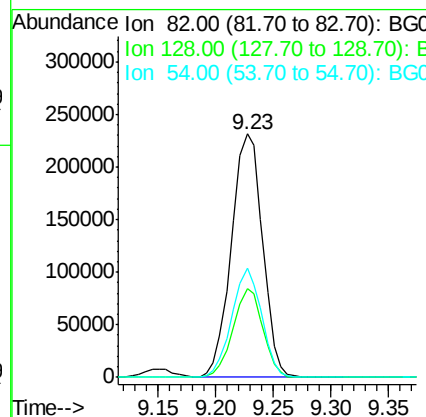
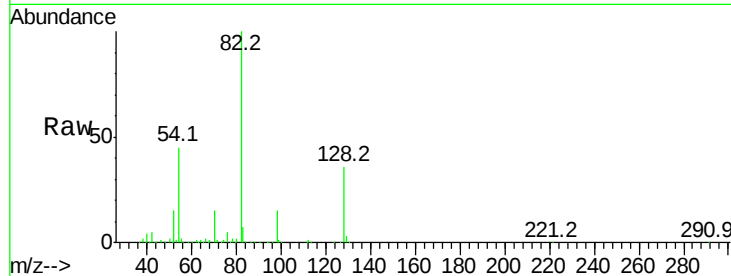
#23
Nitrobenzene-d5
Concen: 109.346 ng
RT: 9.23 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BG035151.D
Acq: 14 Jun 2018 23:42

Instrument :
BNA_G
ClientSampleId :
PB110221BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	36.4	29.7	44.5
54	45.1	43.1	64.7

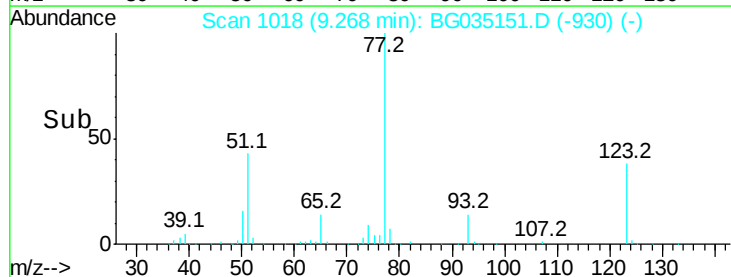
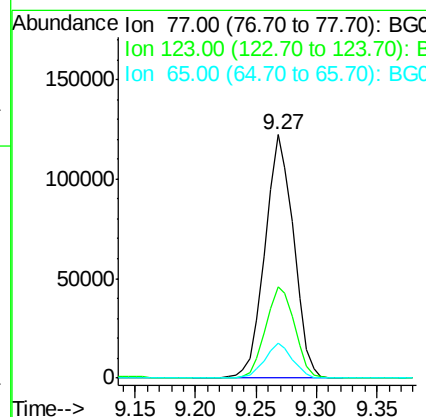
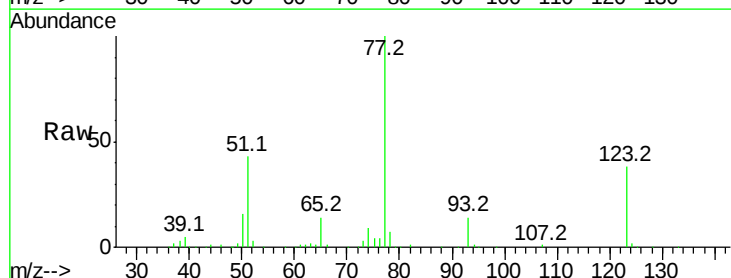
Manual Integrations
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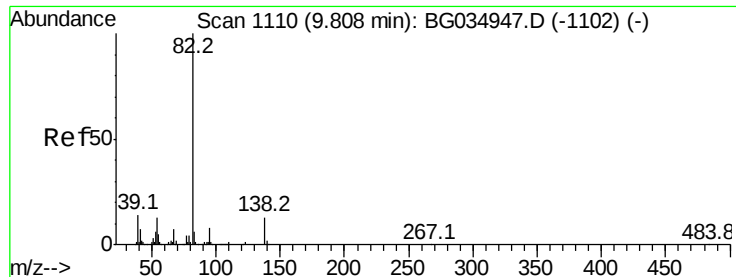
Sohil
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#24
Nitrobenzene
Concen: 49.501 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG035151.D
Acq: 14 Jun 2018 23:42

Tgt Ion	Ratio	Lower	Upper
77	100		
123	37.5	33.0	49.6
65	14.5	13.0	19.6





#25

Isophorone

Concen: 47.438 ng

RT: 9.79 min Scan# 1107

Delta R.T. -0.01 min

Lab File: BG035151.D

Acq: 14 Jun 2018 23:42

Instrument :

BNA_G

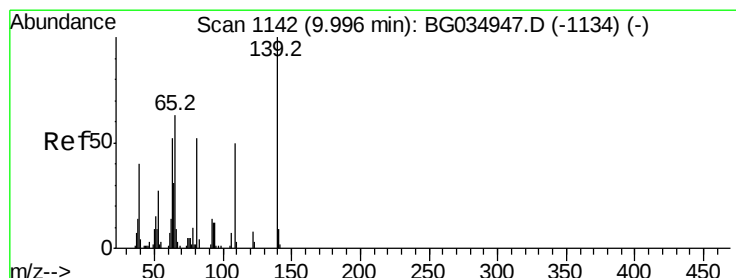
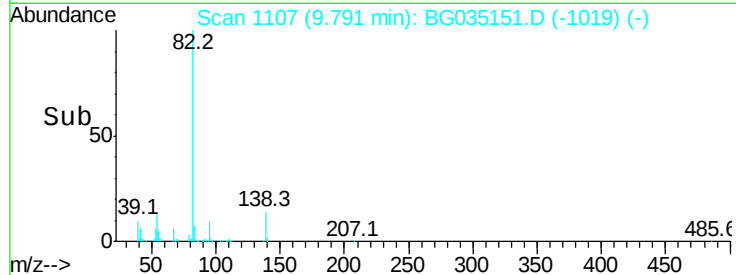
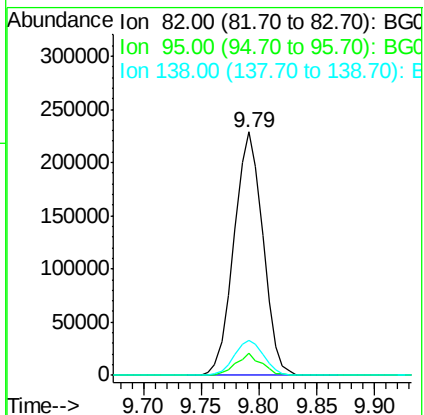
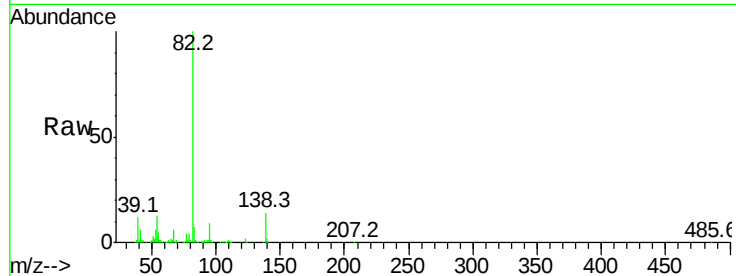
ClientSampleId :

PB110221BS

Tot Ion:	82	Resp:	396877
Ion Ratio	Lower	Upper	
82	100		
95	8.9	6.2	9.2
138	14.4	12.1	18.1

Manual Integrations
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#26

2-Nitrophenol

Concen: 61.545 ng

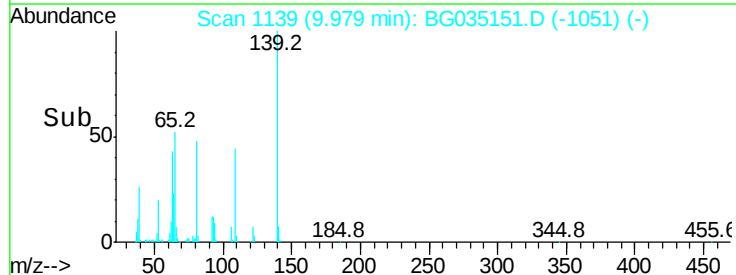
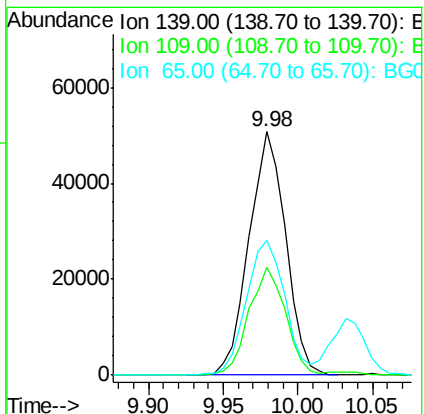
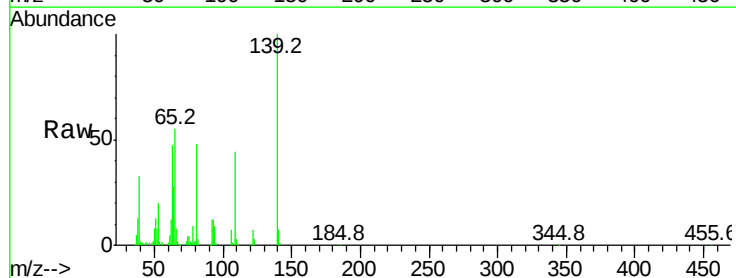
RT: 9.98 min Scan# 1139

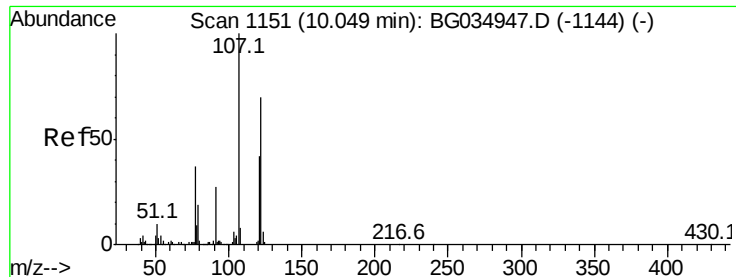
Delta R.T. -0.01 min

Lab File: BG035151.D

Acq: 14 Jun 2018 23:42

Tgt Ion:	139	Resp:	86080
Ion Ratio	Lower	Upper	
139	100		
109	44.3	24.2	36.2#
65	55.2	47.4	71.0





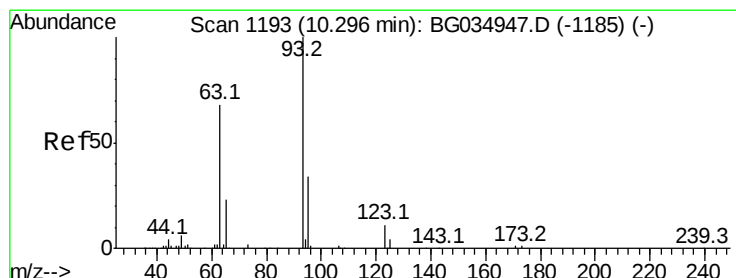
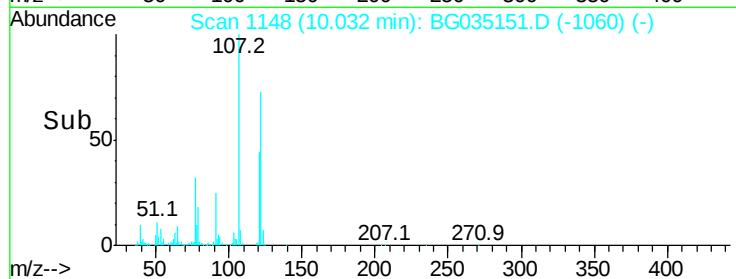
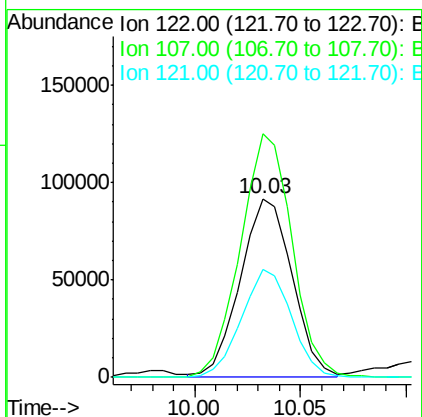
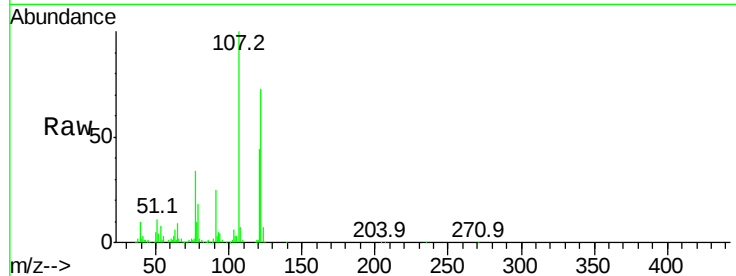
#27
2,4-Dimethylphenol
Concen: 52.947 ng
RT: 10.03 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BG035151.D
Acq: 14 Jun 2018 23:42

Instrument :
BNA_G
ClientSampleId :
PB110221BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	136.4	100.2	150.2
121	60.4	44.4	66.6

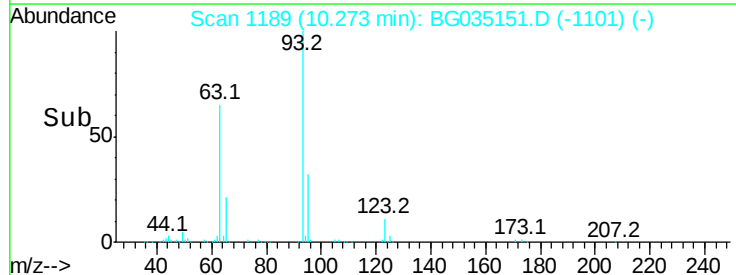
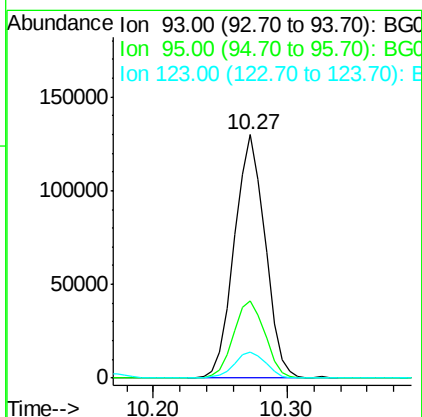
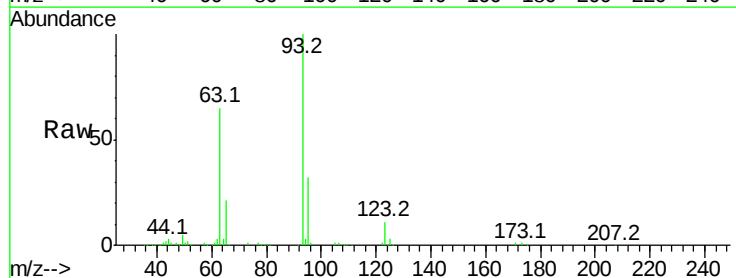
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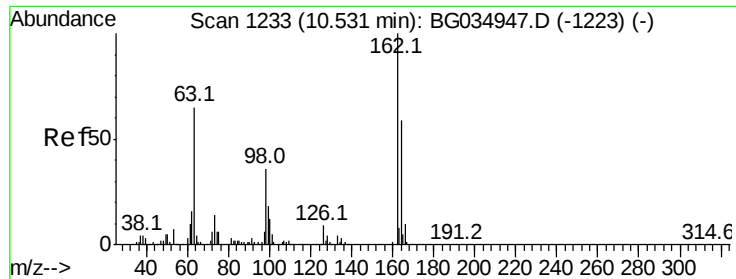
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 46.136 ng
RT: 10.27 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BG035151.D
Acq: 14 Jun 2018 23:42

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.7	24.3	36.5
123	10.8	8.4	12.6





#29

2,4-Dichlorophenol

Concen: 54.872 ng

RT: 10.51 min Scan# 1230

Delta R.T. -0.01 min

Lab File: BG035151.D

Acq: 14 Jun 2018 23:42

Instrument :

BNA_G

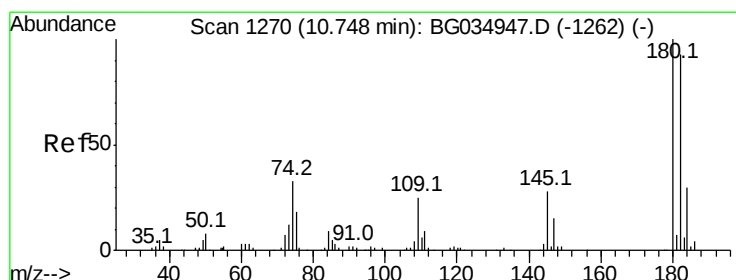
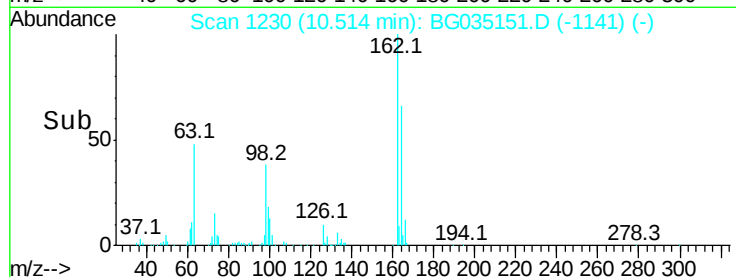
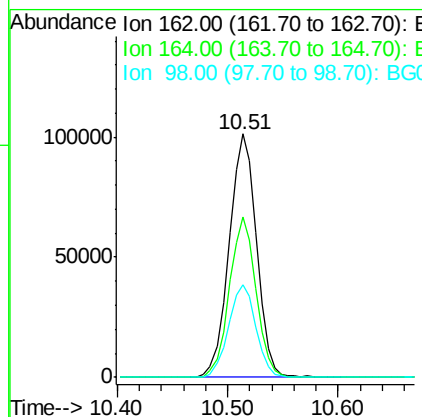
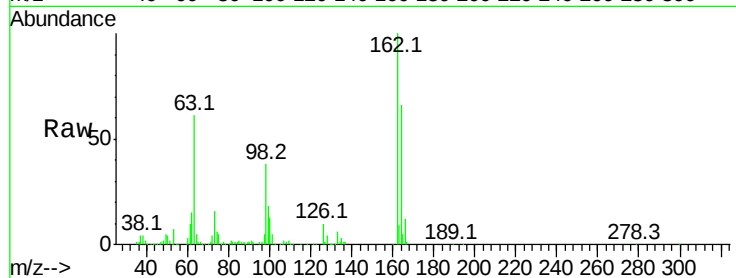
ClientSampled :

PB110221BS

Tot Ion:	162	Resp:	175528
Ion Ratio	Lower	Upper	
162	100		
164	65.9	48.0	88.0
98	37.9	21.1	61.1

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#30

1,2,4-Trichlorobenzene

Concen: 45.998 ng

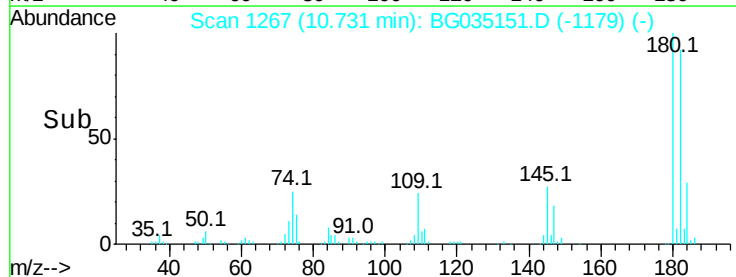
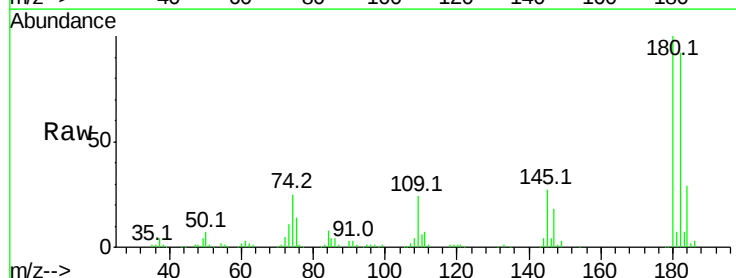
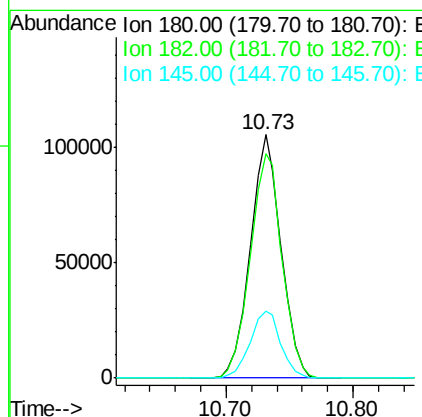
RT: 10.73 min Scan# 1267

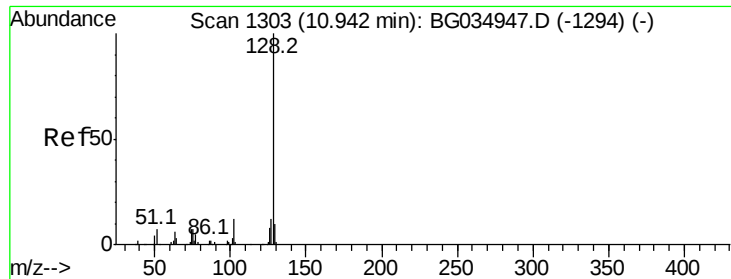
Delta R.T. -0.01 min

Lab File: BG035151.D

Acq: 14 Jun 2018 23:42

Tgt Ion:	180	Resp:	176437
Ion Ratio	Lower	Upper	
180	100		
182	92.3	77.5	116.3
145	27.4	23.4	35.2





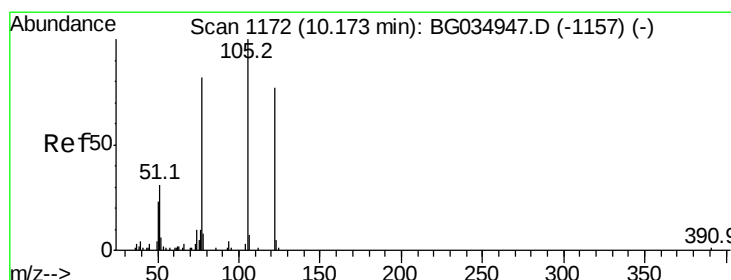
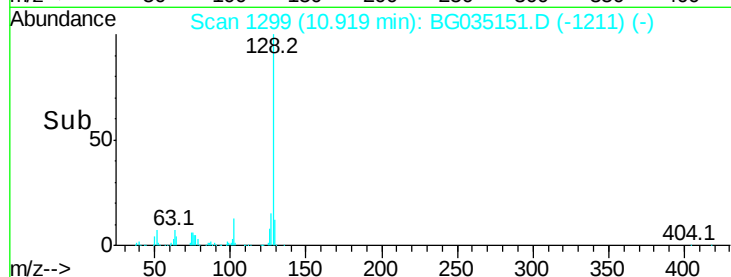
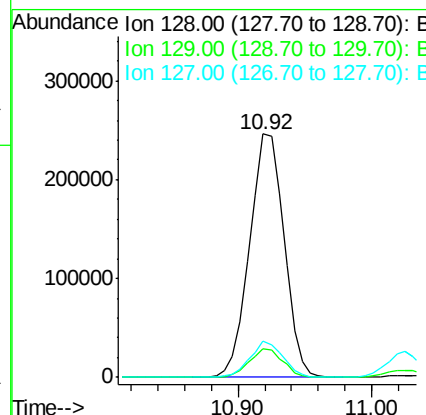
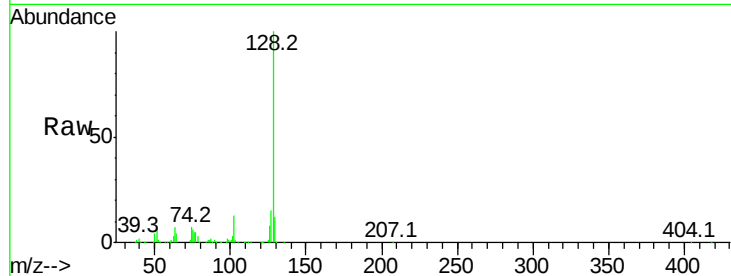
#31
Naphthalene
Concen: 44.891 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG035151.D
Acq: 14 Jun 2018 23:42

Instrument :
BNA_G
ClientSampleId :
PB110221BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.6	12.8
127	14.7	11.6	17.4

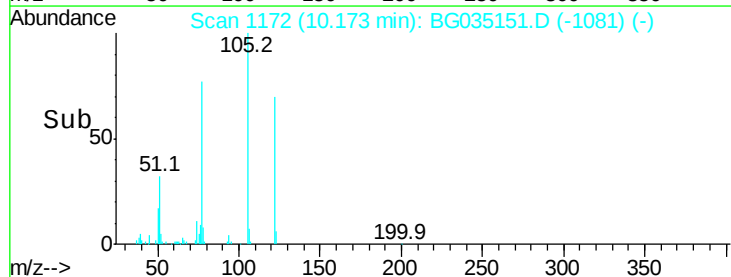
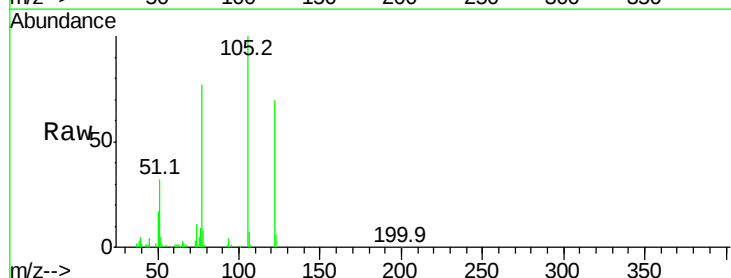
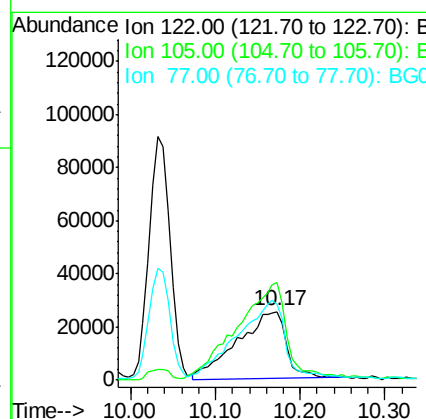
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#32
Benzoic acid
Concen: 51.426 ng
RT: 10.17 min Scan# 1172
Delta R.T. 0.01 min
Lab File: BG035151.D
Acq: 14 Jun 2018 23:42

Tgt Ion	Ratio	Lower	Upper
122	100		
105	143.4	123.5	163.5
77	111.1	85.7	125.7





#33

4-Chloroaniline

Concen: 11.160 ng

RT: 11.02 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BG035151.D

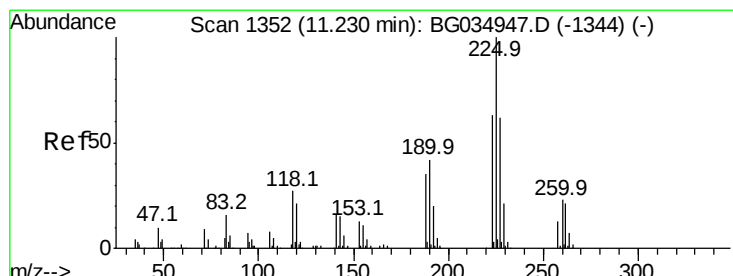
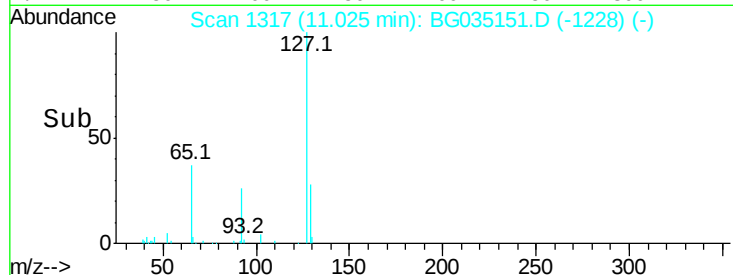
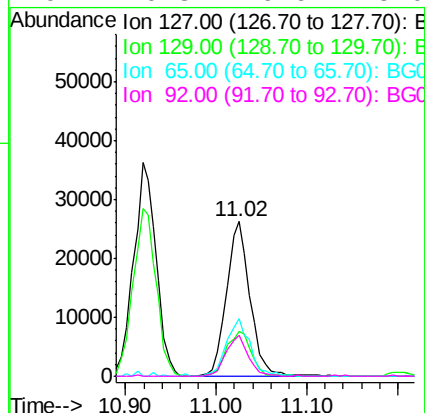
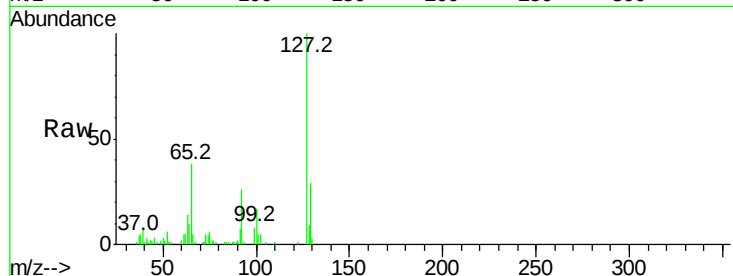
Acq: 14 Jun 2018 23:42

Instrument :
BNA_G
ClientSampleId :
PB110221BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	28.7	24.0	36.0
65	37.6	27.0	40.4
92	26.3	16.6	25.0

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#34

Hexachlorobutadiene

Concen: 45.315 ng

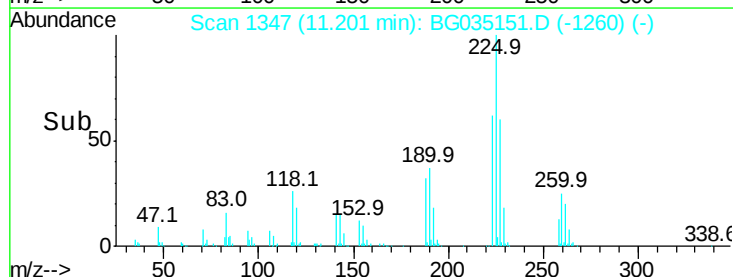
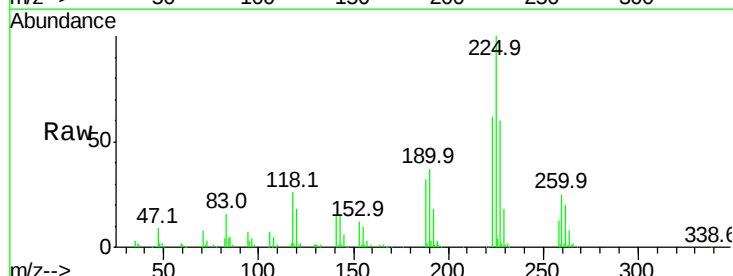
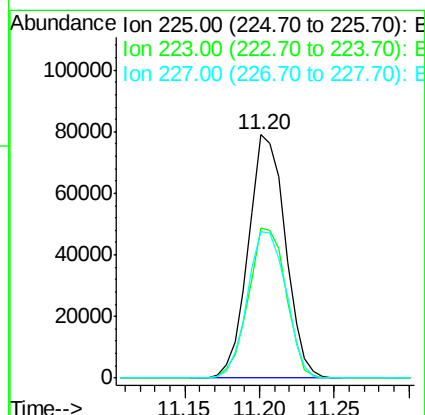
RT: 11.20 min Scan# 1347

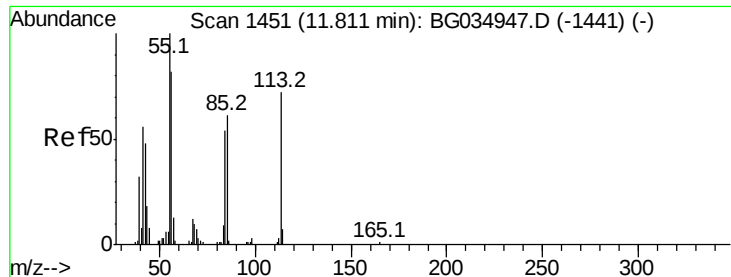
Delta R.T. -0.02 min

Lab File: BG035151.D

Acq: 14 Jun 2018 23:42

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.5	49.7	74.5
227	60.1	48.1	72.1





#35

Caprolactam

Concen: 53.966 ng/ml

RT: 11.80 min Scan# 1449

Delta R.T. -0.01 min

Lab File: BG035151.D

Acq: 14 Jun 2018 23:42

Instrument :

BNA_G

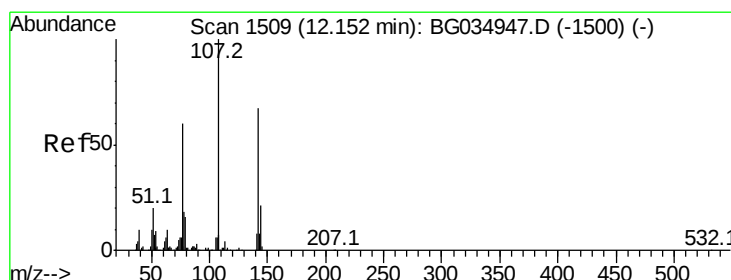
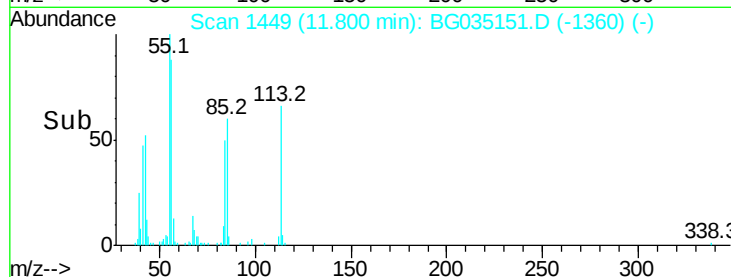
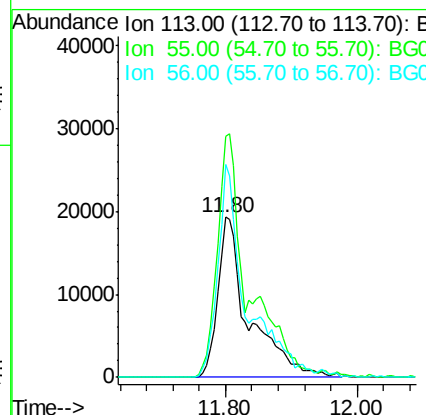
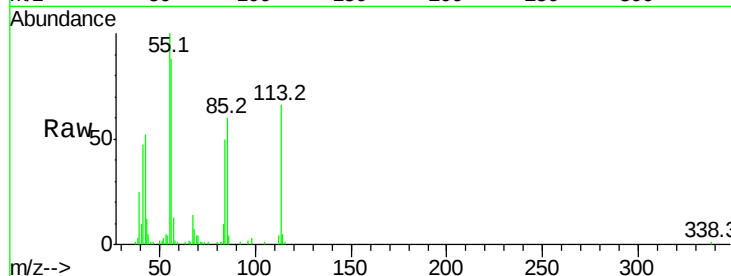
ClientSampleId :

PB110221BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	150.4	186.9	226.9#
56	133.1	130.9	170.9

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#36

4-Chloro-3-methylphenol

Concen: 55.851 ng

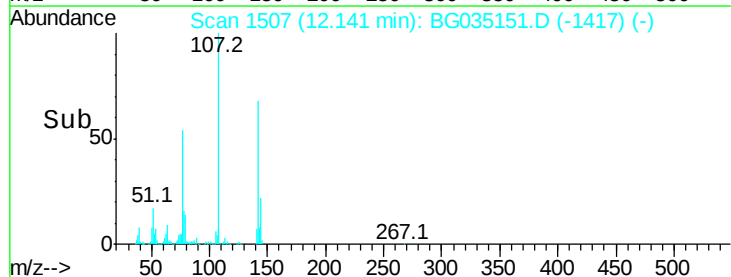
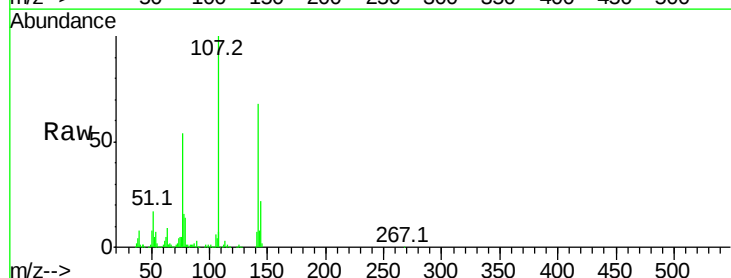
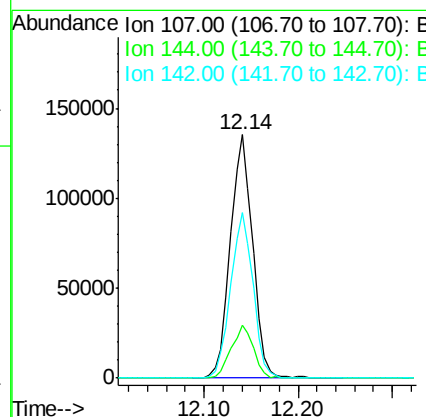
RT: 12.14 min Scan# 1507

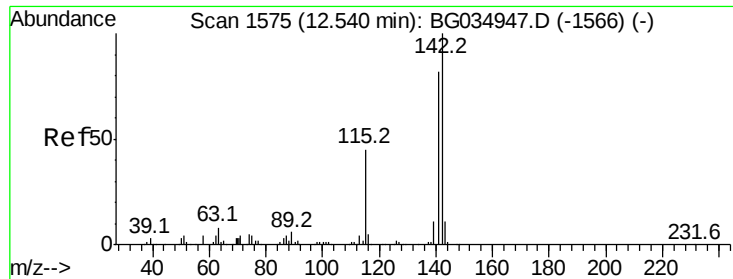
Delta R.T. -0.00 min

Lab File: BG035151.D

Acq: 14 Jun 2018 23:42

Tgt Ion	Ratio	Lower	Upper
107	100		
144	21.9	18.2	27.4
142	67.8	59.0	88.4





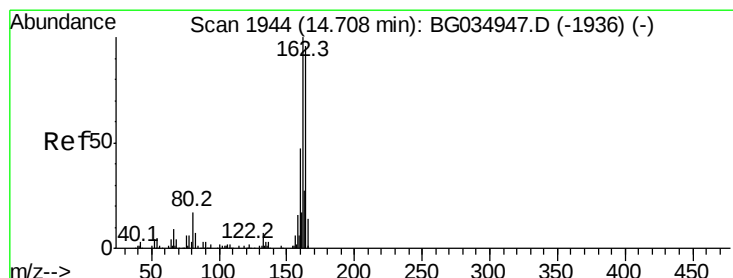
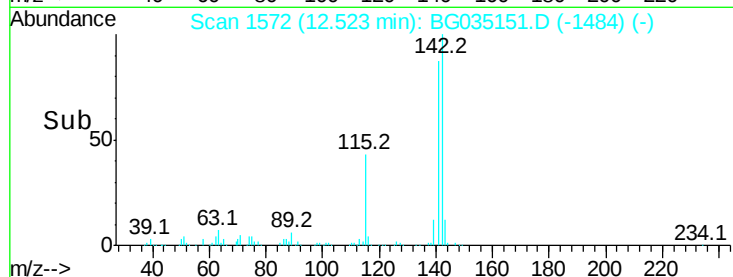
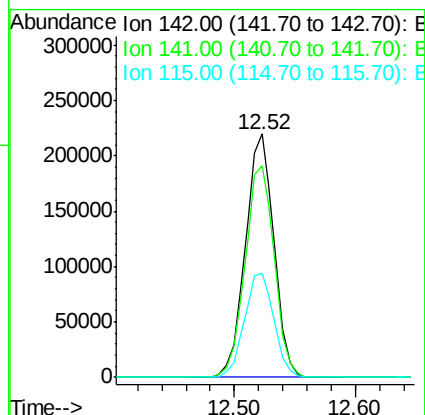
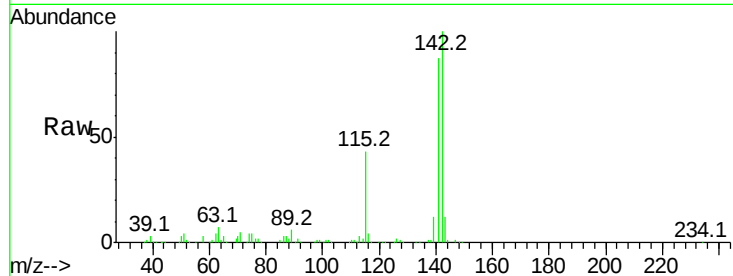
#37
2-Methylnaphthalene
Concen: 48.622 ng
RT: 12.52 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BG035151.D
Acq: 14 Jun 2018 23:42

Instrument :
BNA_G
ClientSampled :
PB110221BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.9	67.1	100.7
115	42.7	30.7	46.1

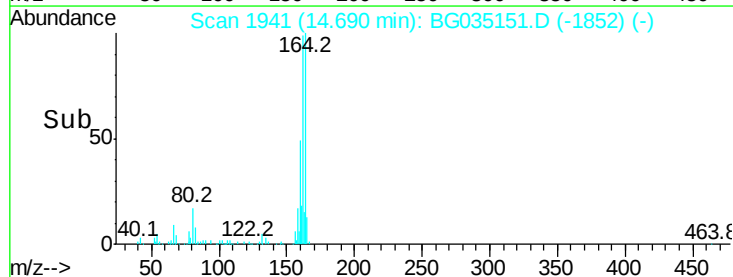
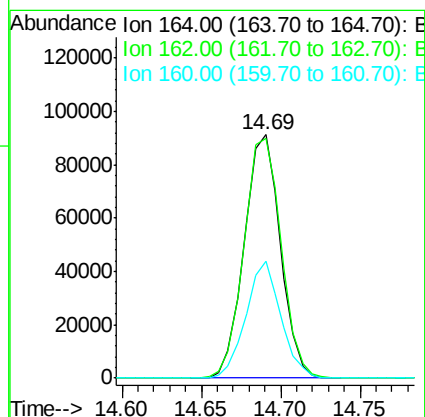
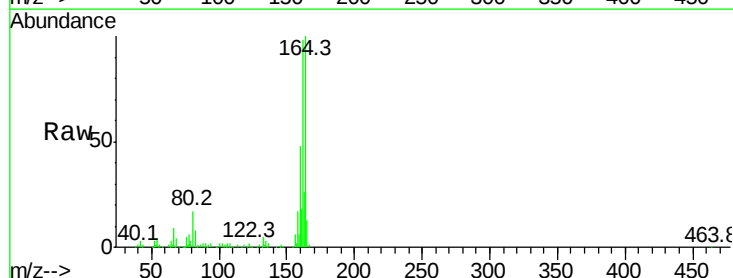
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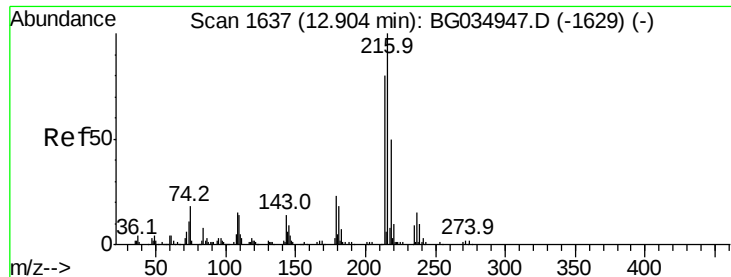
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1941
Delta R.T. -0.01 min
Lab File: BG035151.D
Acq: 14 Jun 2018 23:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.3	78.8	118.2
160	48.2	35.4	53.0





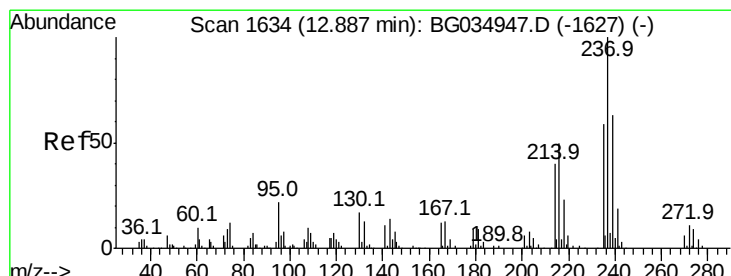
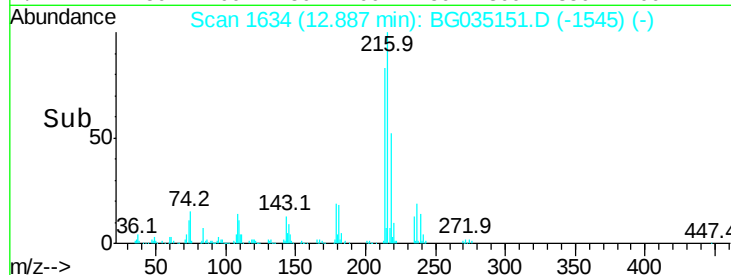
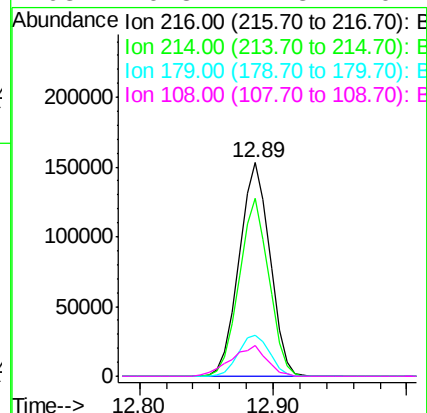
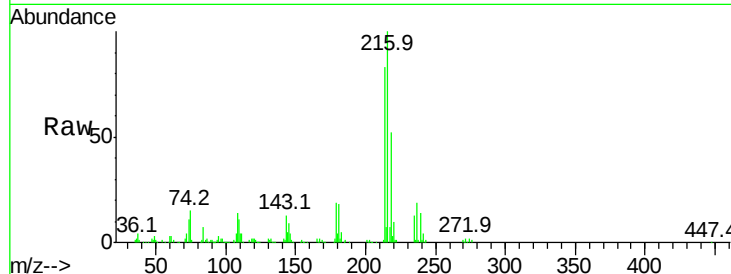
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.473 ng
 RT: 12.89 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BG035151.D
 Acq: 14 Jun 2018 23:42

Instrument :
 BNA_G
 ClientSampleId :
 PB110221BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	243860		
214	80.5	63.0	94.4	
179	19.7	17.0	25.6	
108	16.8	12.8	19.2	

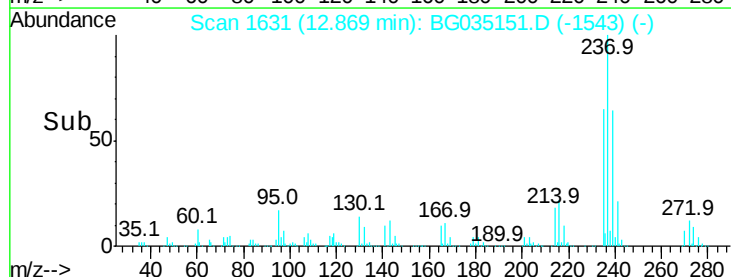
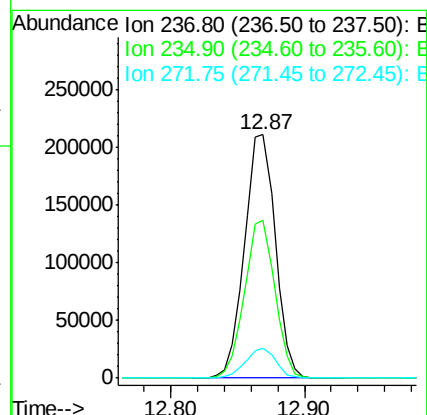
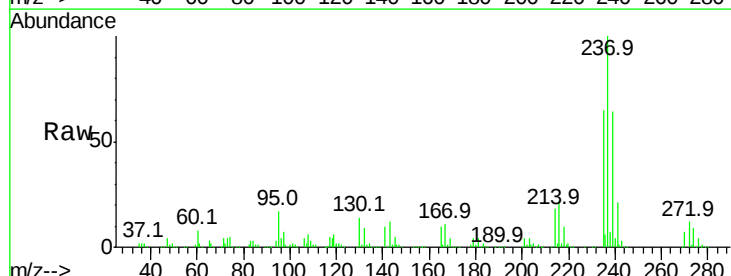
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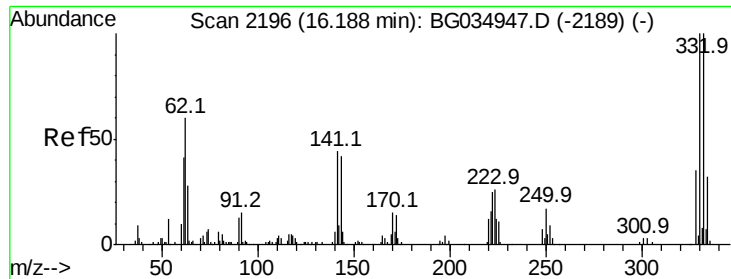
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#40
 Hexachlorocyclopentadiene
 Concen: 99.837 ng
 RT: 12.87 min Scan# 1631
 Delta R.T. -0.01 min
 Lab File: BG035151.D
 Acq: 14 Jun 2018 23:42

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	335746		
235	64.8	50.4	90.4	
272	12.1	0.0	31.8	





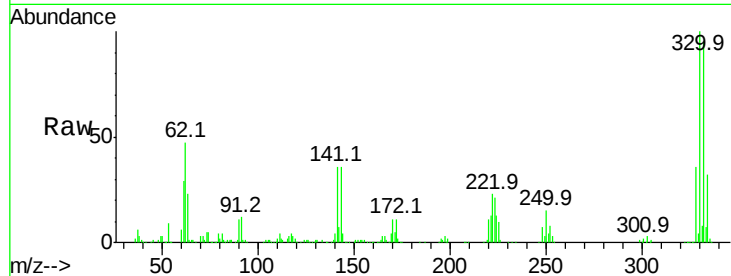
#41
 2,4,6-Tribromophenol
 Concen: 180.424 ng
 RT: 16.18 min Scan# 2194
 Delta R.T. -0.01 min
 Lab File: BG035151.D
 Acq: 14 Jun 2018 23:42

Instrument :
 BNA_G
 ClientSampleId :
 PB110221BS

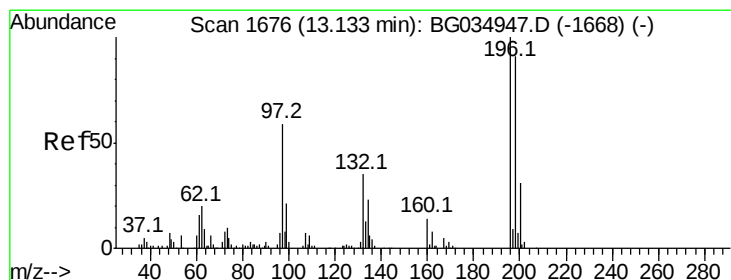
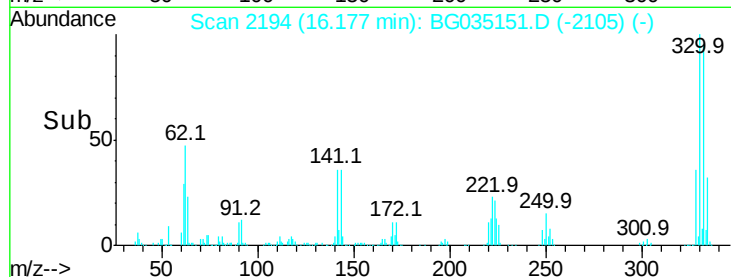
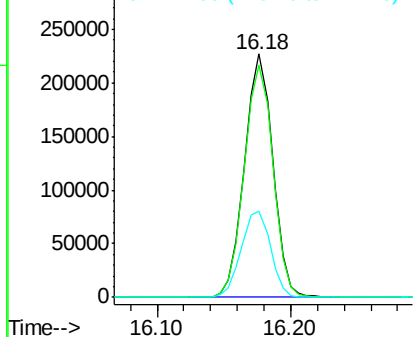
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.2	77.0	115.6	
141	37.0	25.2	37.8	

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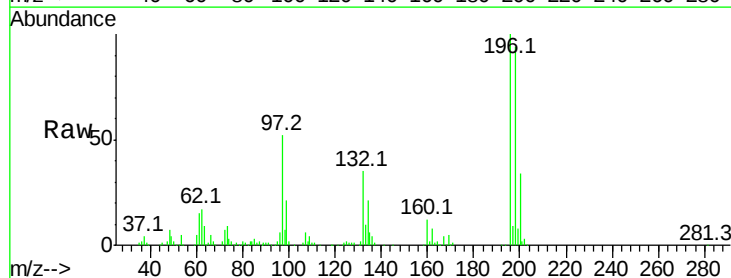


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

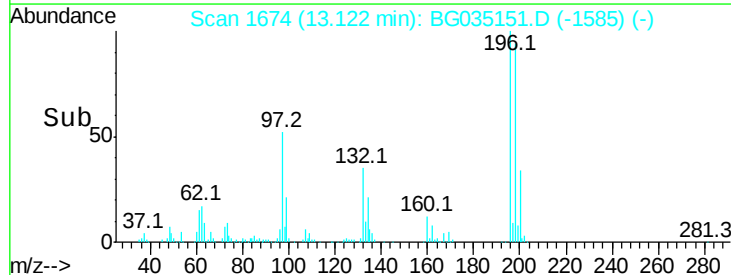
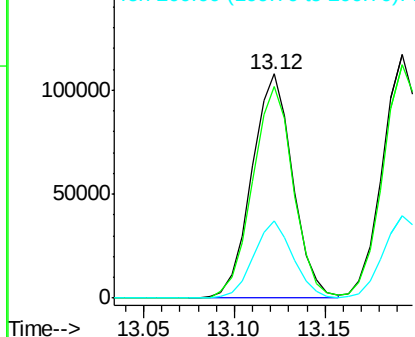


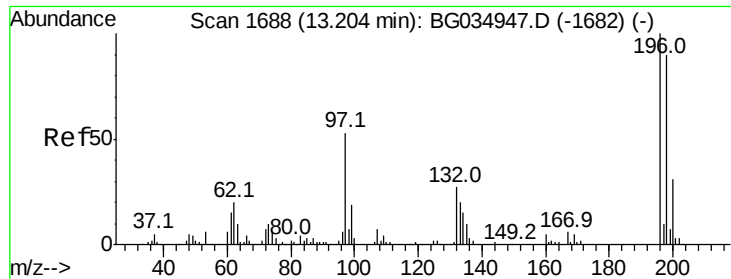
#42
 2,4,6-Trichlorophenol
 Concen: 53.021 ng
 RT: 13.12 min Scan# 1674
 Delta R.T. -0.01 min
 Lab File: BG035151.D
 Acq: 14 Jun 2018 23:42

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	94.4	78.2	117.2	
200	34.2	24.6	36.8	



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





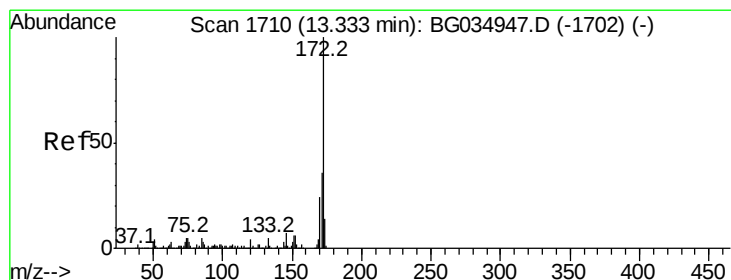
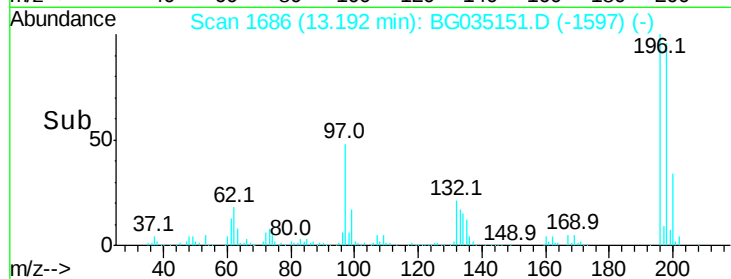
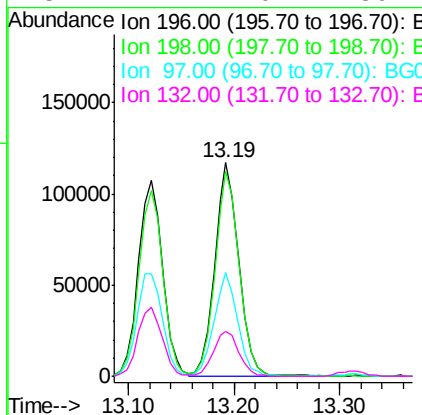
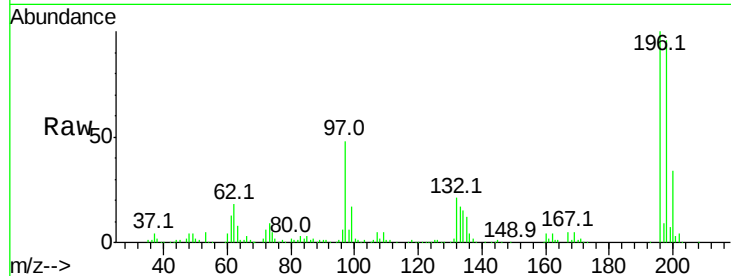
#43
 2,4,5-Trichlorophenol
 Concen: 52.667 ng
 RT: 13.19 min Scan# 1686
 Delta R.T. -0.01 min
 Lab File: BG035151.D
 Acq: 14 Jun 2018 23:42

Instrument :
 BNA_G
 ClientSampleId :
 PB110221BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	185623		
198	95.7	76.2	114.4	
97	48.4	38.7	58.1	
132	21.2	20.2	30.2	

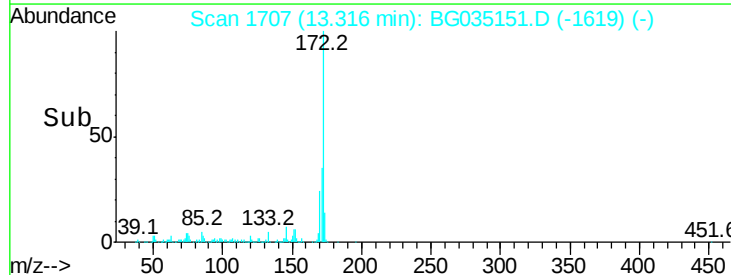
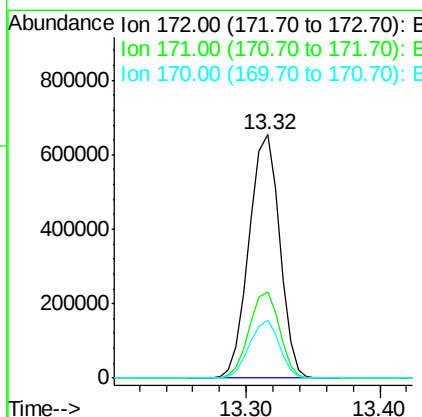
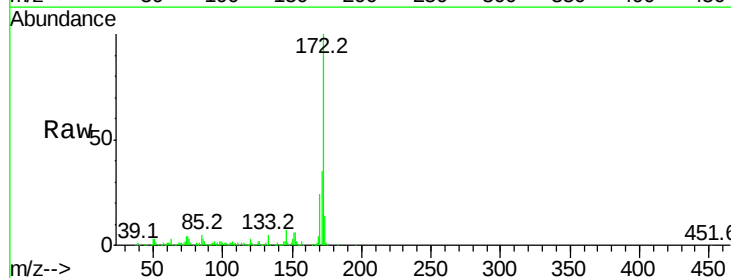
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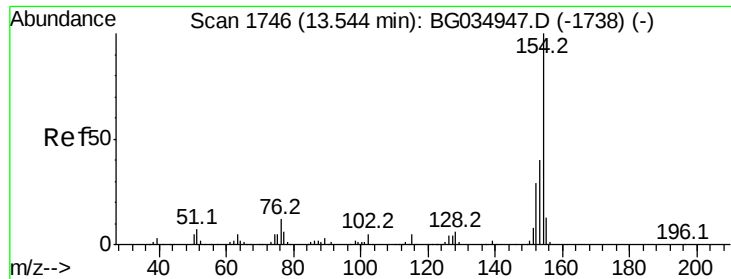
Sohil
 6/15/2018 1:44:05 PM



#44
 2-Fluorobiphenyl
 Concen: 93.200 ng
 RT: 13.32 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BG035151.D
 Acq: 14 Jun 2018 23:42

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1032190		
171	35.1	30.0	45.0	
170	23.6	19.5	29.3	





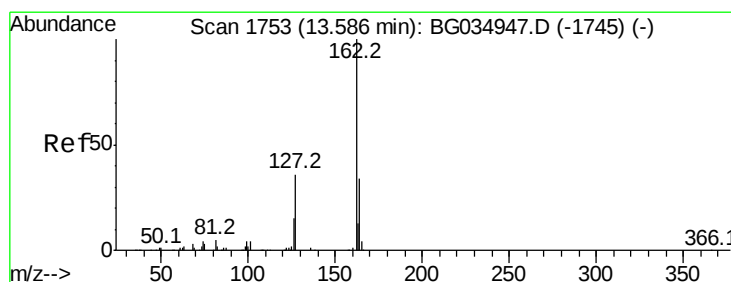
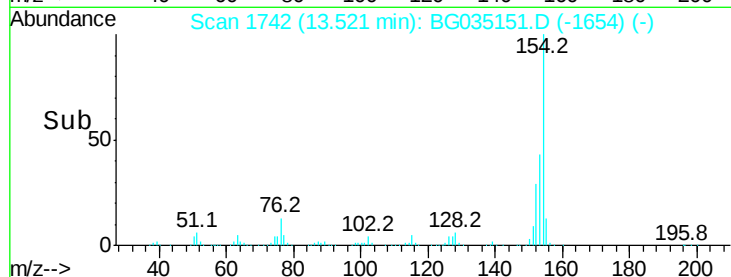
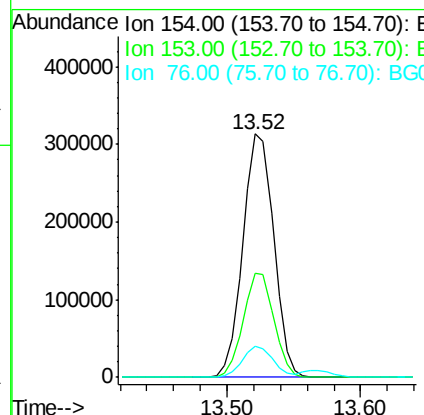
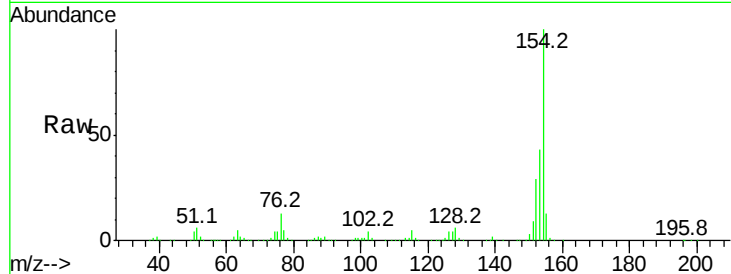
#45
 1,1'-Biphenyl
 Concen: 43.065 ng
 RT: 13.52 min Scan# 1742
 Delta R.T. -0.01 min
 Lab File: BG035151.D
 Acq: 14 Jun 2018 23:42

Instrument :
 BNA_G
 ClientSampleId :
 PB110221BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.7	19.8	59.8
76	12.6	0.0	31.9

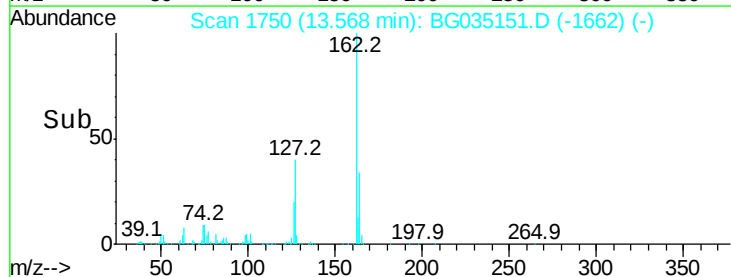
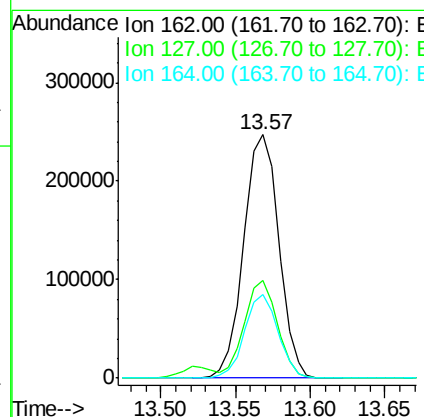
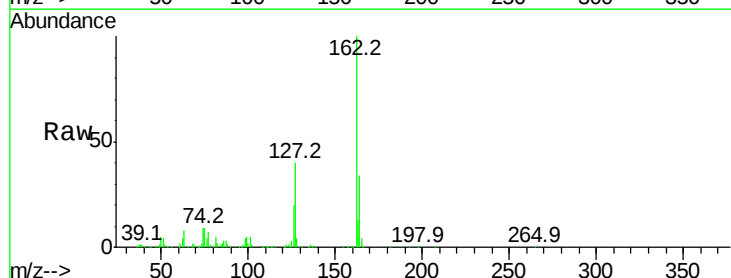
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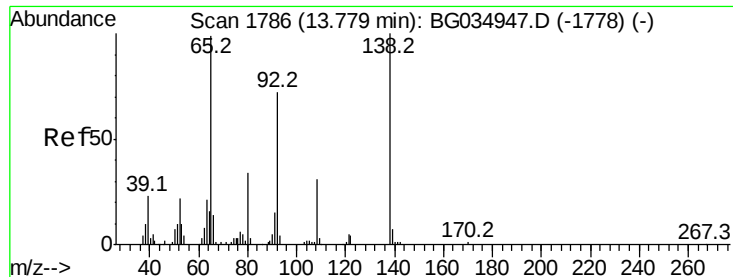
Sohil
 6/15/2018 1:44:05 PM



#46
 2-Chloronaphthalene
 Concen: 46.105 ng
 RT: 13.57 min Scan# 1750
 Delta R.T. -0.01 min
 Lab File: BG035151.D
 Acq: 14 Jun 2018 23:42

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.9	30.7	46.1
164	34.4	26.0	39.0





#47

2-Nitroaniline

Concen: 56.229 ng

RT: 13.77 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BG035151.D

Acq: 14 Jun 2018 23:42

Instrument :

BNA_G

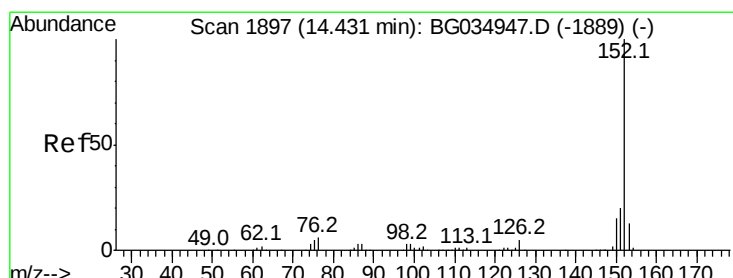
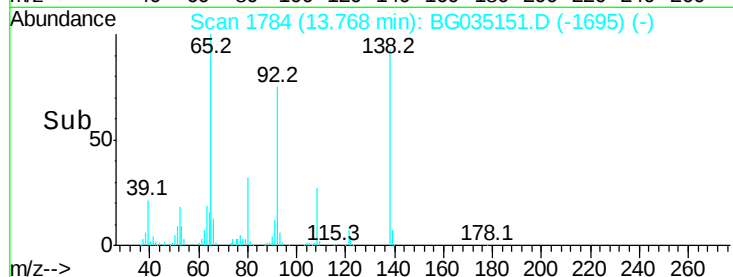
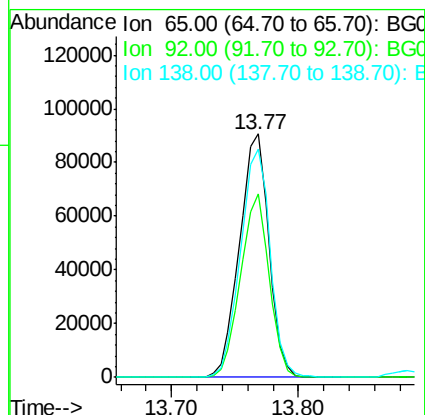
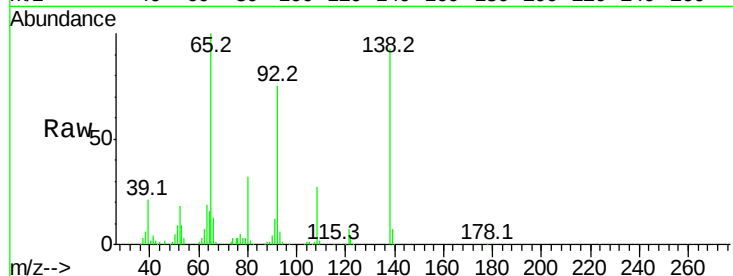
ClientSampleId :

PB110221BS

Tot Ion:	65	Resp:	145332
Ion Ratio	Lower	Upper	
65	100		
92	75.2	54.6	82.0
138	93.5	72.9	109.3

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#48

Acenaphthylene

Concen: 45.822 ng

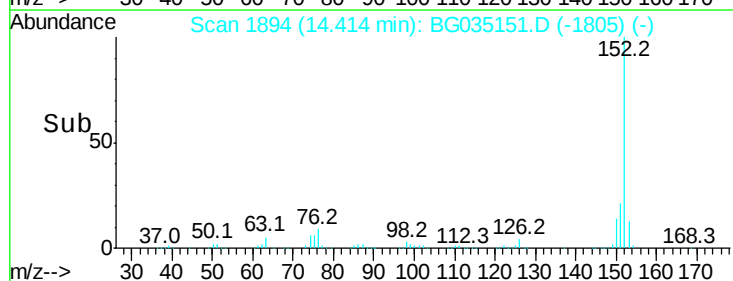
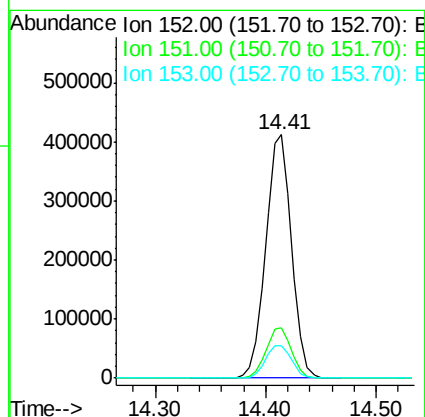
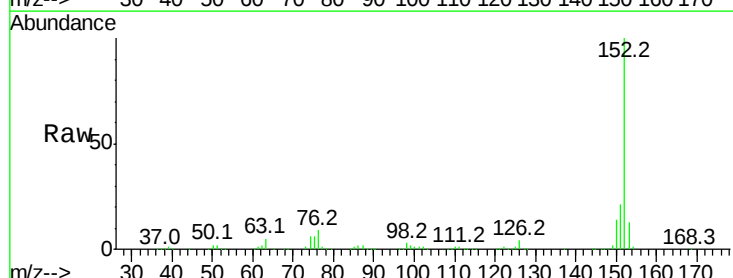
RT: 14.41 min Scan# 1894

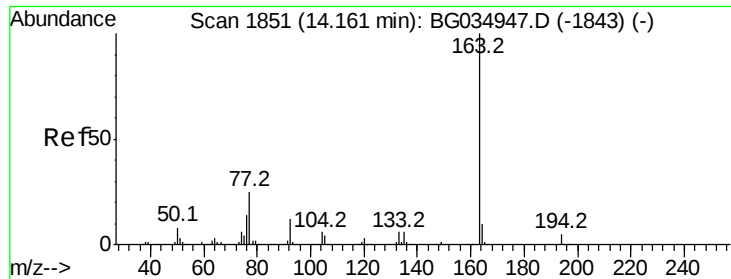
Delta R.T. -0.01 min

Lab File: BG035151.D

Acq: 14 Jun 2018 23:42

Tgt Ion:	152	Resp:	672526
Ion Ratio	Lower	Upper	
152	100		
151	20.8	17.2	25.8
153	13.3	10.2	15.4





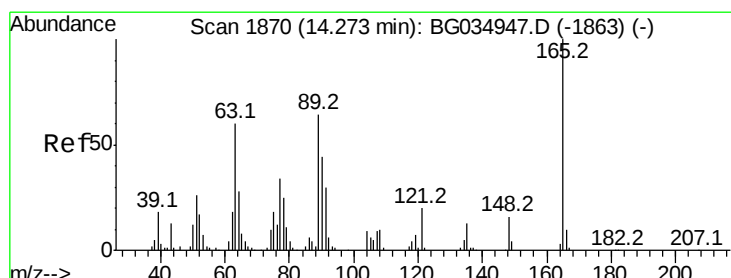
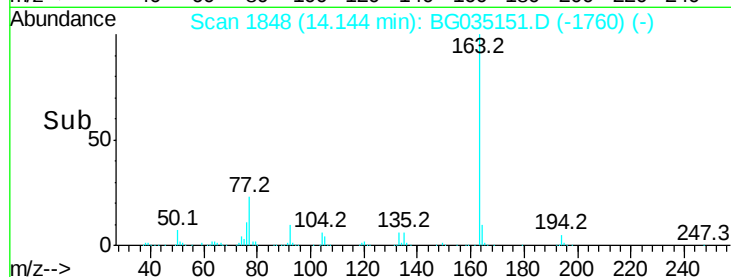
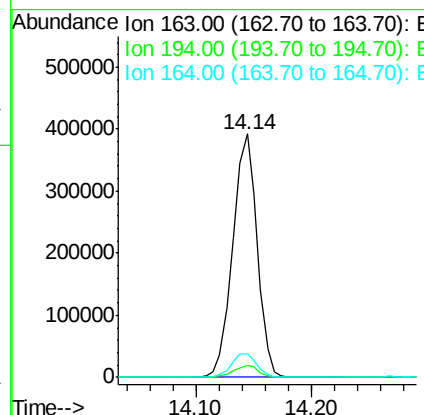
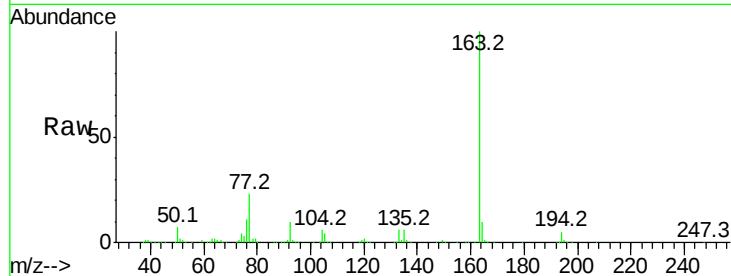
#49
Dimethylphthalate
Concen: 45.445 ng
RT: 14.14 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BG035151.D
Acq: 14 Jun 2018 23:42

Instrument :
BNA_G
ClientSampled :
PB110221BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	570558		
194	4.8		3.4	5.2
164	9.5		8.2	12.4

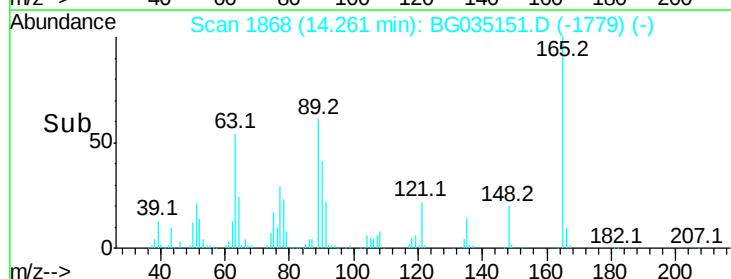
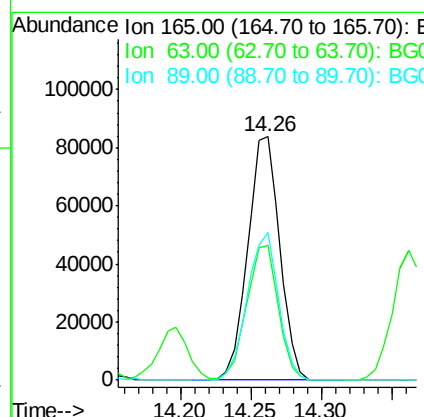
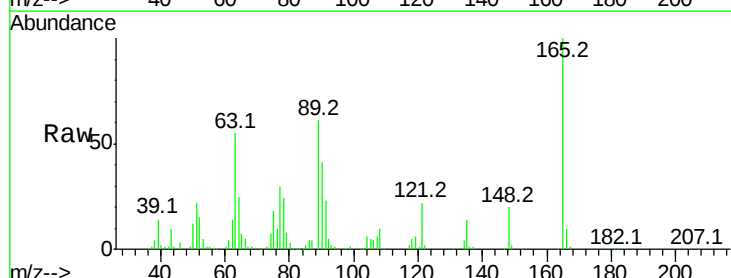
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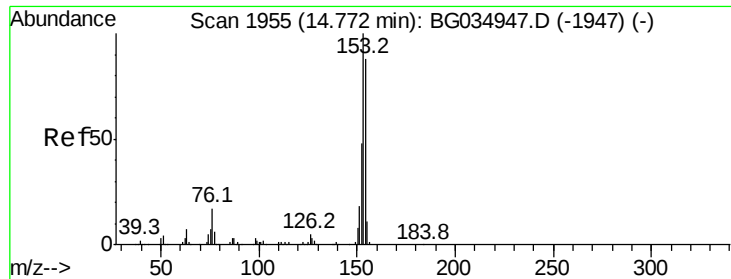
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#50
2,6-Dinitrotoluene
Concen: 58.068 ng
RT: 14.26 min Scan# 1868
Delta R.T. -0.01 min
Lab File: BG035151.D
Acq: 14 Jun 2018 23:42

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	133002		
63	55.4		52.7	79.1
89	60.7		49.2	73.8





#51

Acenaphthene

Concen: 45.974 ng

RT: 14.75 min Scan# 1952

Delta R.T. -0.01 min

Lab File: BG035151.D

Acq: 14 Jun 2018 23:42

Instrument :

BNA_G

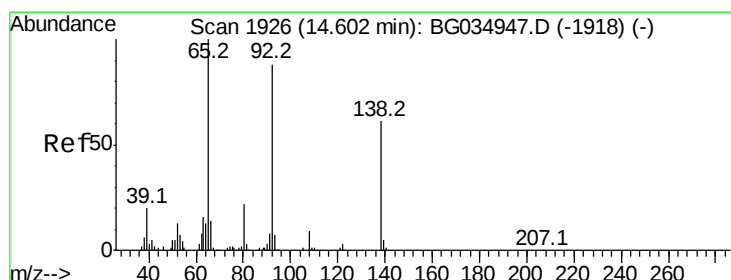
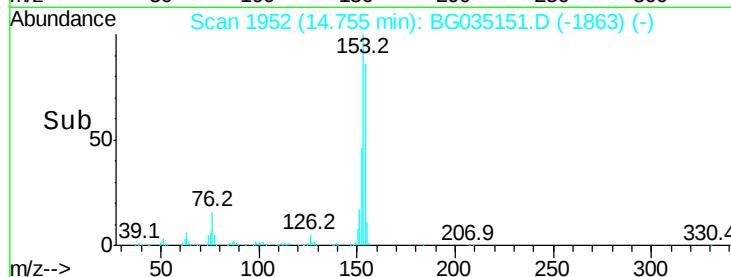
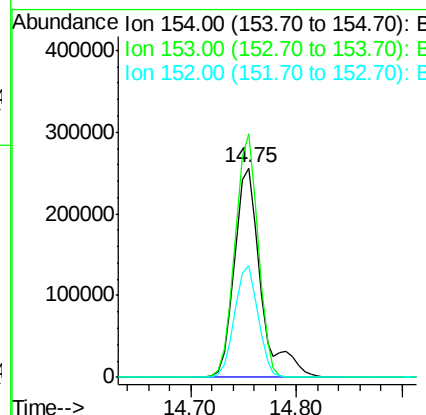
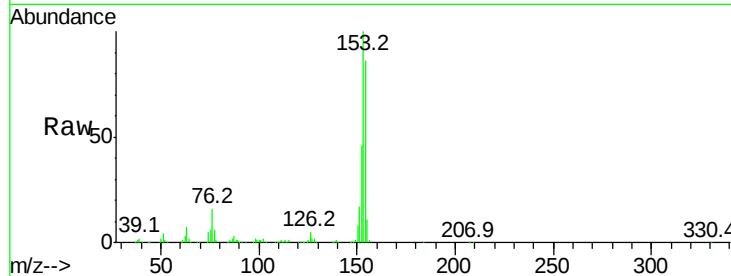
ClientSampleId :

PB110221BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	116.3	90.4	135.6
152	53.3	41.6	62.4

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#52

3-Nitroaniline

Concen: 23.250 ng

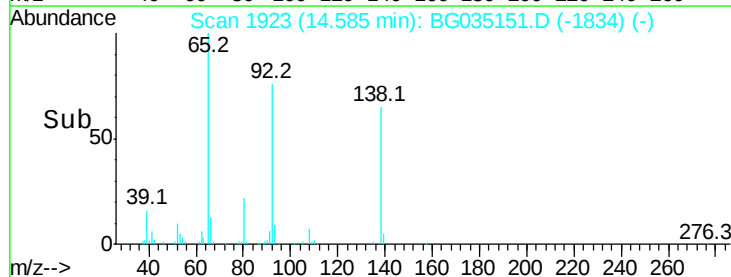
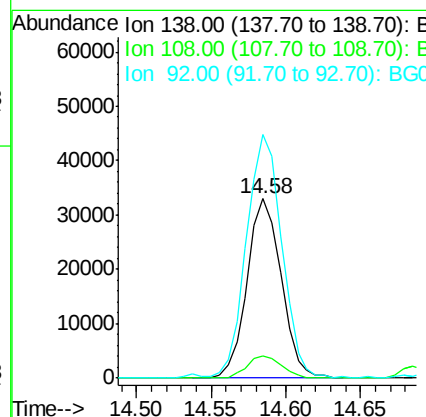
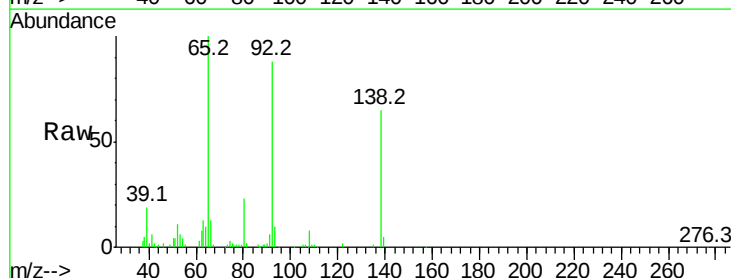
RT: 14.58 min Scan# 1923

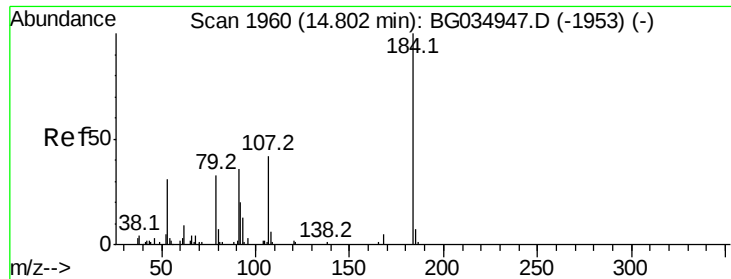
Delta R.T. -0.01 min

Lab File: BG035151.D

Acq: 14 Jun 2018 23:42

Tgt Ion	Ratio	Lower	Upper
138	100		
108	12.1	17.5	26.3#
92	135.8	105.8	158.8





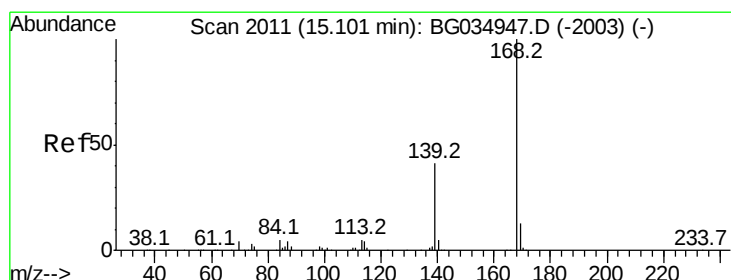
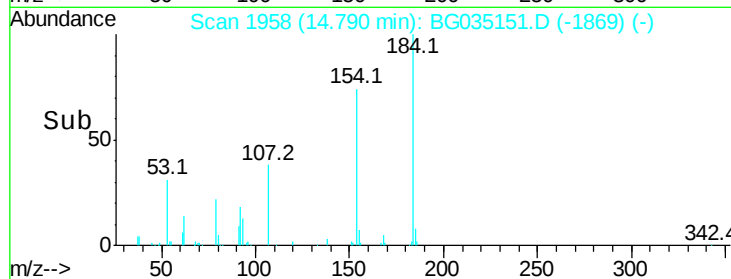
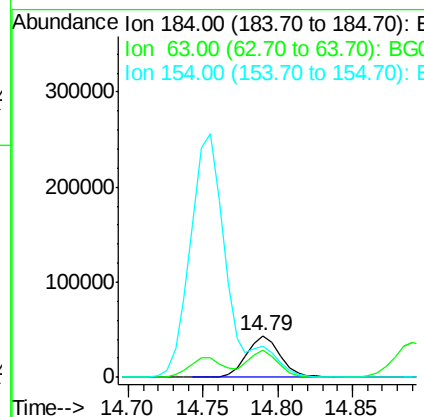
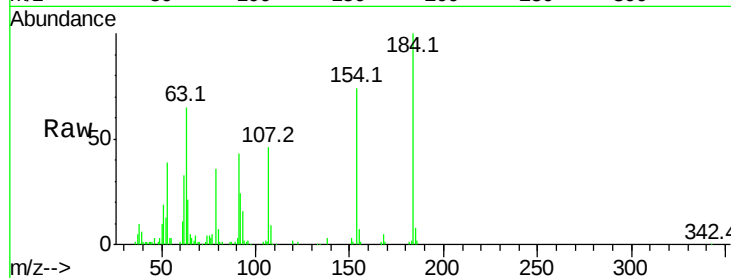
#53
2,4-Dinitrophenol
Concen: 73.782 ng
RT: 14.79 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BG035151.D
Acq: 14 Jun 2018 23:42

Instrument :
BNA_G
ClientSampleId :
PB110221BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	64.5	59.8	89.8
154	73.9	101.8	152.8

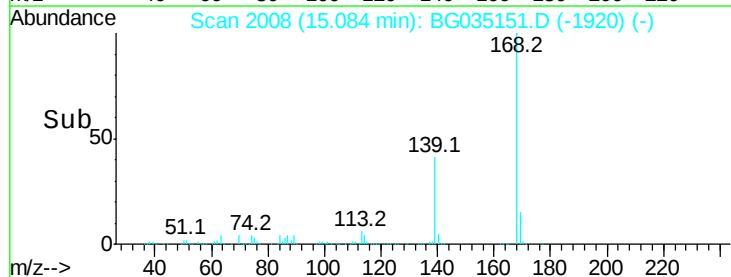
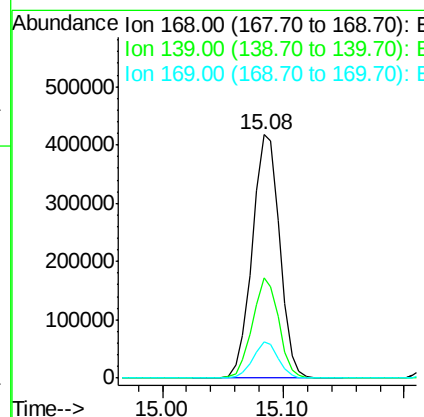
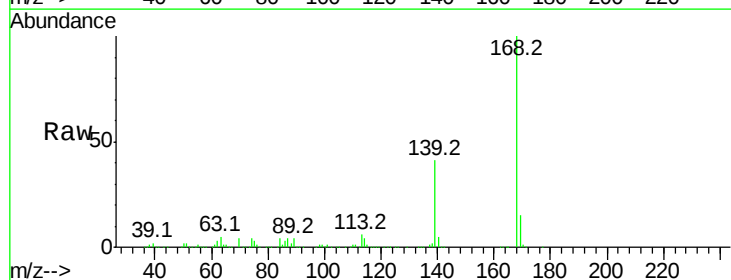
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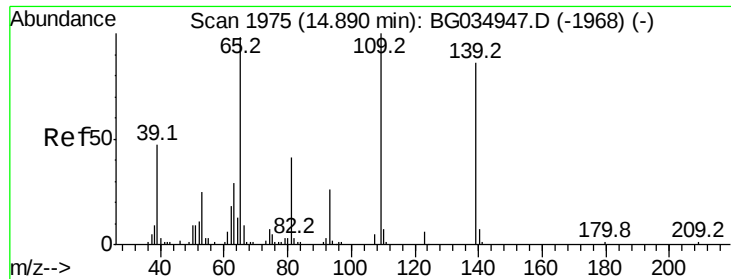
Sohil
6/15/2018 1:44:05 PM



#54
Dibenzofuran
Concen: 46.065 ng
RT: 15.08 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BG035151.D
Acq: 14 Jun 2018 23:42

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.3	28.6	43.0
169	15.1	11.2	16.8





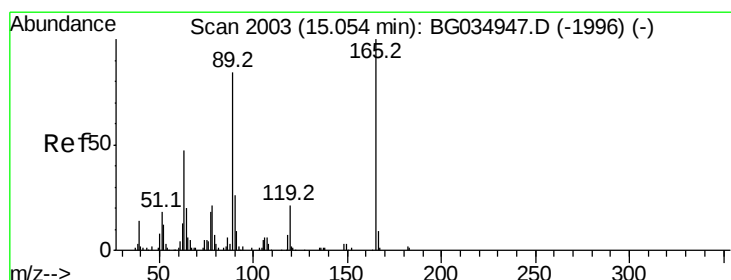
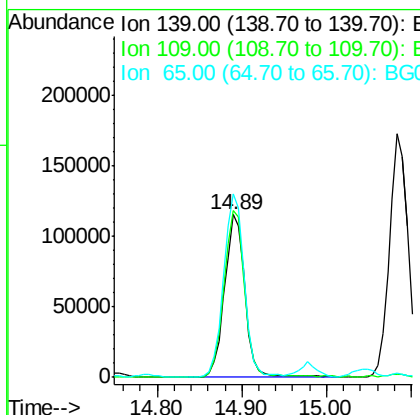
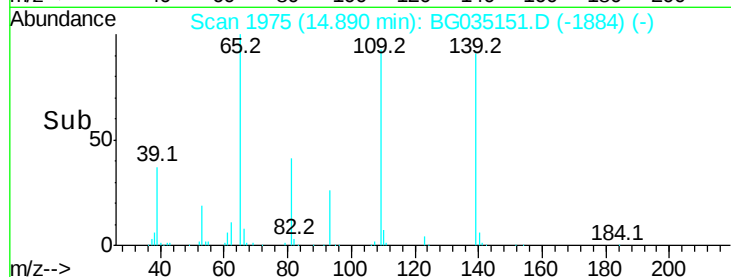
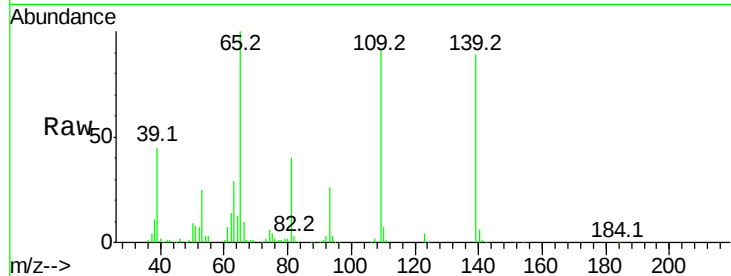
#55
4-Nitrophenol
Concen: 101.235 ng
RT: 14.89 min Scan# 1975
Delta R.T. 0.01 min
Lab File: BG035151.D
Acq: 14 Jun 2018 23:42

Instrument :
BNA_G
ClientSampleId :
PB110221BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	102.5	62.2	102.2#	
65	112.2	97.2	137.2	

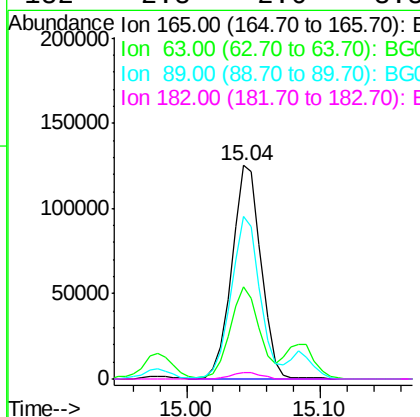
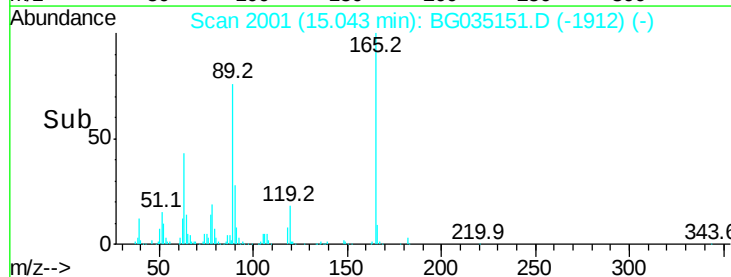
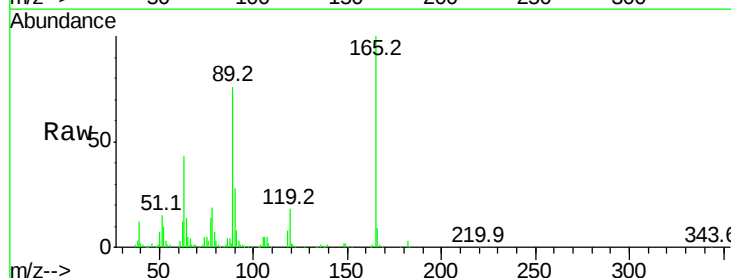
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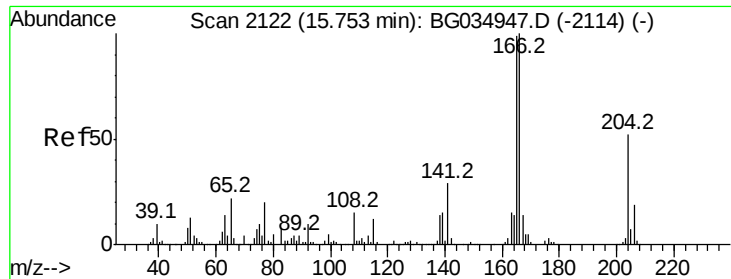
Sohil
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#56
2,4-Dinitrotoluene
Concen: 62.285 ng
RT: 15.04 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BG035151.D
Acq: 14 Jun 2018 23:42

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	43.4	42.0	63.0	
89	75.9	66.9	100.3	
182	2.8	2.6	3.8	





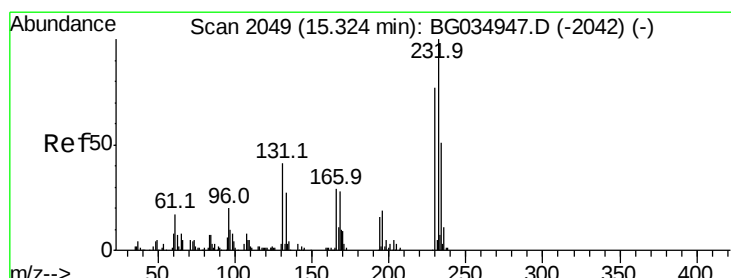
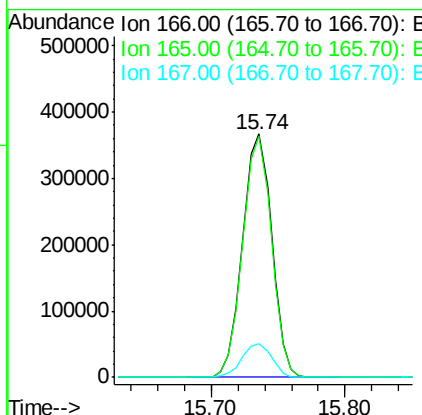
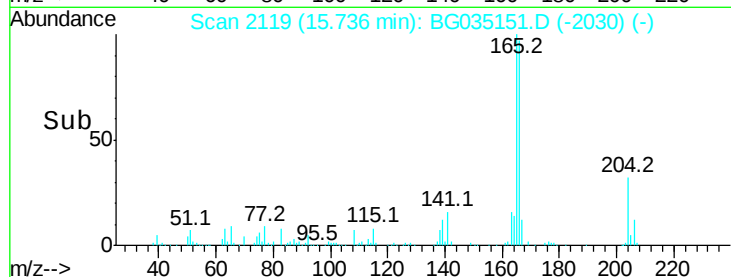
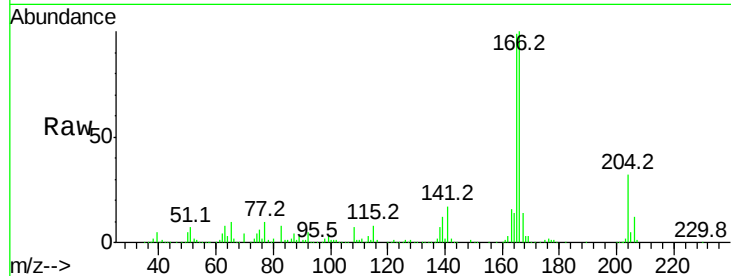
#57
 Fluorene
 Concen: 46.161 ng
 RT: 15.74 min Scan# 2119
 Delta R.T. -0.01 min
 Lab File: BG035151.D
 Acq: 14 Jun 2018 23:42

Instrument :
 BNA_G
 ClientSampled :
 PB110221BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.1	80.6	121.0	
167	13.6	10.4	15.6	

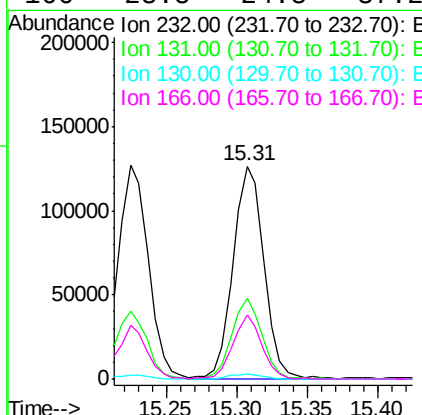
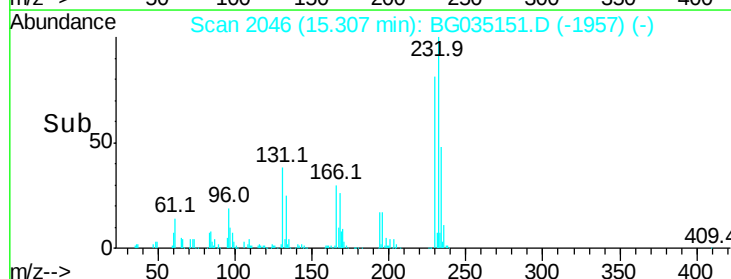
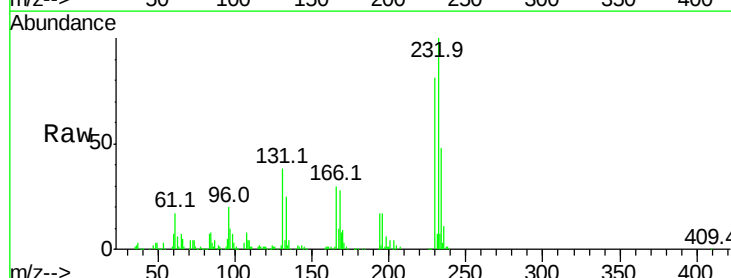
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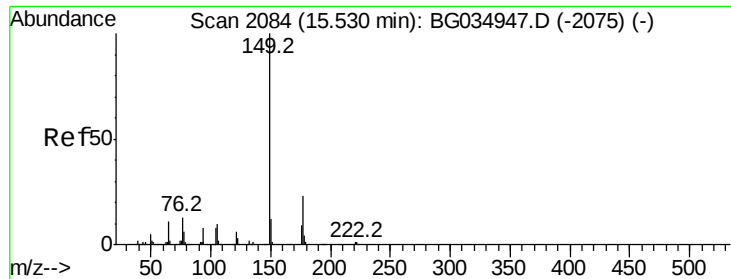
Sohil
 6/15/2018 1:44:05 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 55.877 ng
 RT: 15.31 min Scan# 2046
 Delta R.T. -0.01 min
 Lab File: BG035151.D
 Acq: 14 Jun 2018 23:42

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	37.0	33.5	50.3	
130	2.4	2.2	3.2	
166	28.5	24.8	37.2	





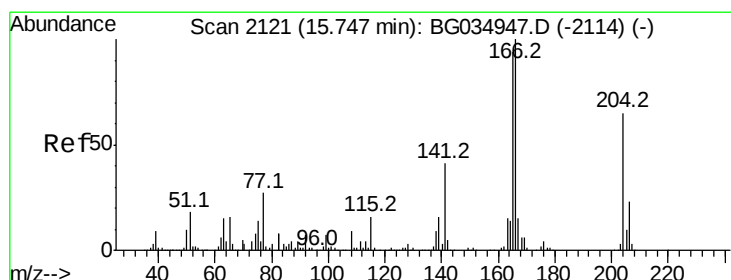
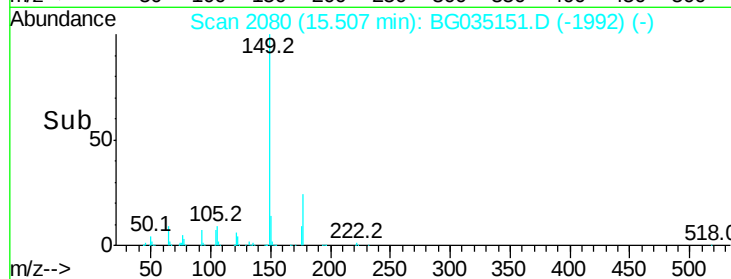
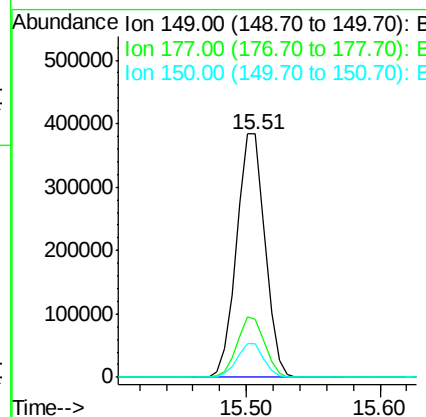
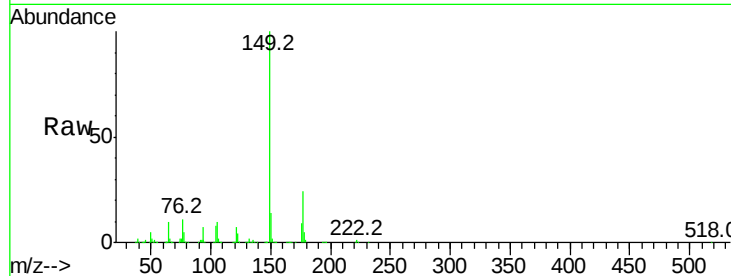
#59
Diethylphthalate
Concen: 44.509 ng
RT: 15.51 min Scan# 2080
Delta R.T. -0.01 min
Lab File: BG035151.D
Acq: 14 Jun 2018 23:42

Instrument :
BNA_G
ClientSampled :
PB110221BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
177	24.0	18.5	27.7	
150	13.9	10.2	15.2	

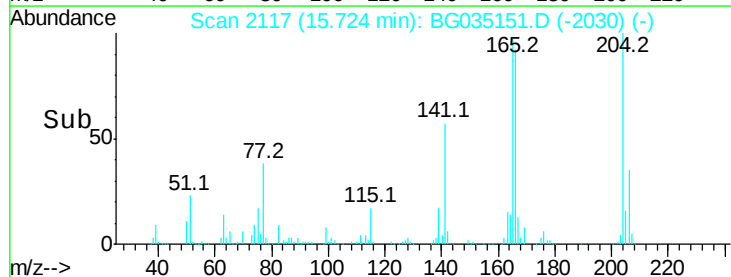
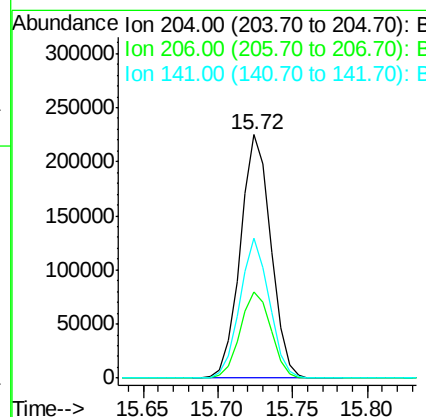
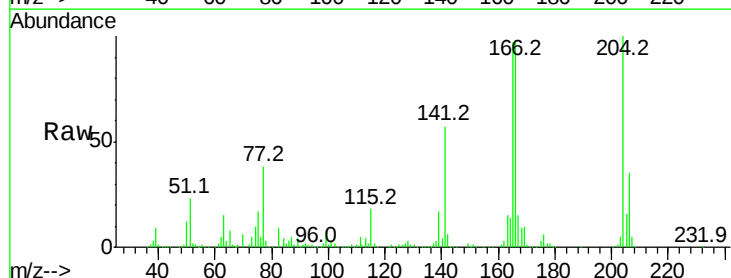
Manual Integrations
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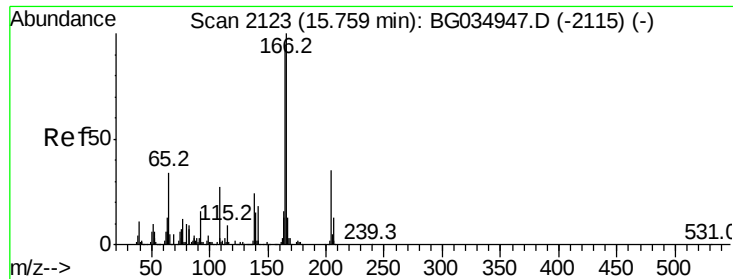
Sohil
6/15/2018 1:44:05 PM



#60
4-Chlorophenyl-phenylether
Concen: 46.589 ng
RT: 15.72 min Scan# 2117
Delta R.T. -0.02 min
Lab File: BG035151.D
Acq: 14 Jun 2018 23:42

Tgt Ion	Ratio	Resp	Lower	Upper
204	100			
206	35.5	26.2	39.2	
141	57.4	45.8	68.6	





#61

4-Nitroaniline

Concen: 53.813 ng

RT: 15.75 min Scan# 2122

Delta R.T. -0.01 min

Lab File: BG035151.D

Acq: 14 Jun 2018 23:42

Instrument :

BNA_G

ClientSampled :

PB110221BS

Tot Ion:138 Resp: 129708

Ion Ratio Lower Upper

138 100

92 58.7 40.1 80.1

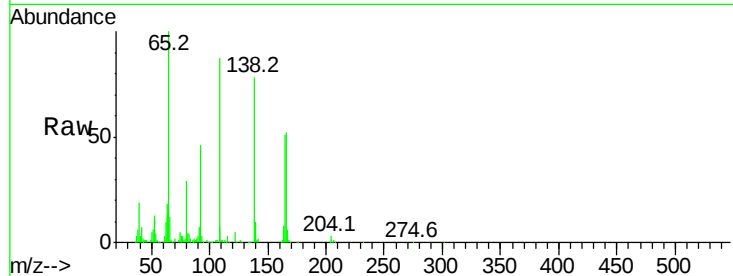
108 111.2 65.4 105.4#

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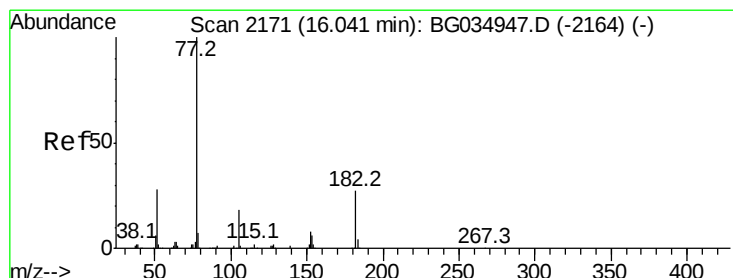
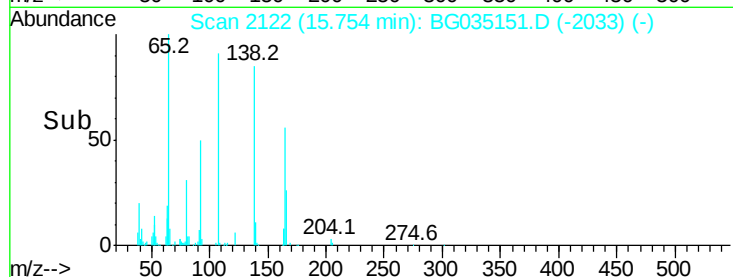
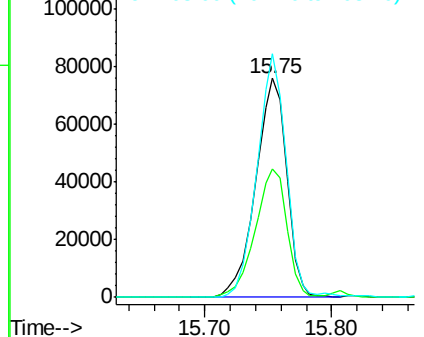
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Abundance Ion 138.00 (137.70 to 138.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): BGC



#62

Azobenzene

Concen: 45.483 ng

RT: 16.02 min Scan# 2167

Delta R.T. -0.01 min

Lab File: BG035151.D

Acq: 14 Jun 2018 23:42

Tgt Ion: 77 Resp: 570913

Ion Ratio Lower Upper

77 100

182 29.3 7.4 47.4

105 20.2 0.3 40.3

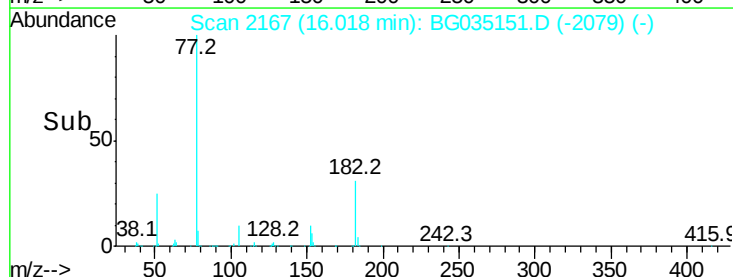
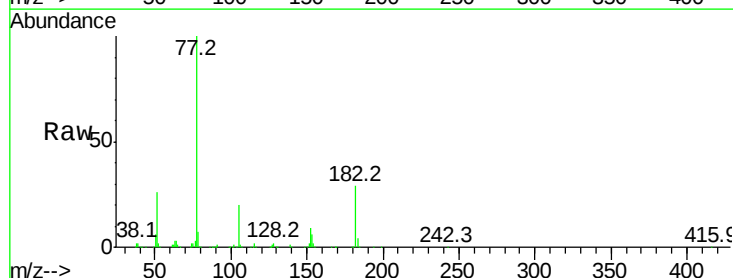
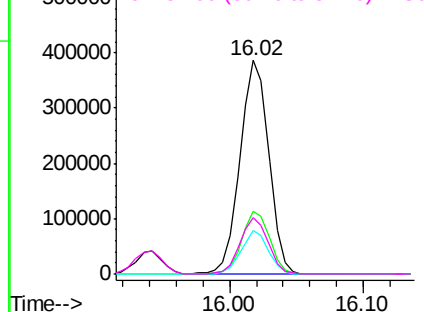
51 26.2 11.6 51.6

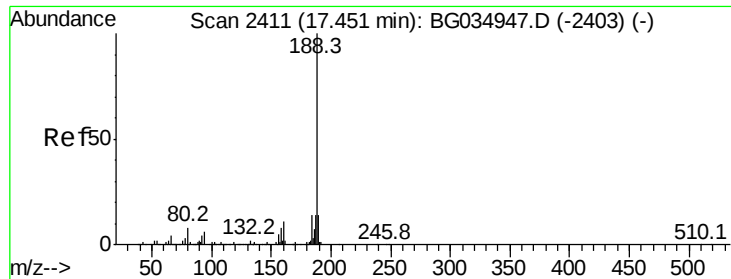
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2408

Delta R.T. -0.01 min

Lab File: BG035151.D

Acq: 14 Jun 2018 23:42

Instrument :

BNA_G

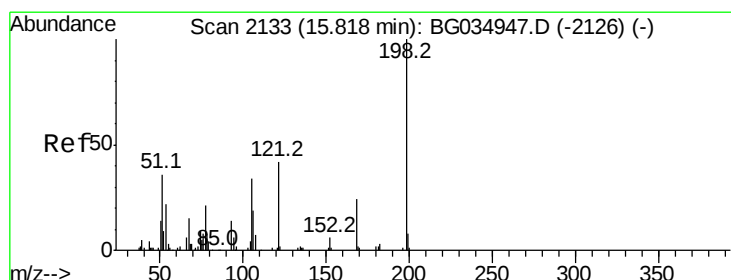
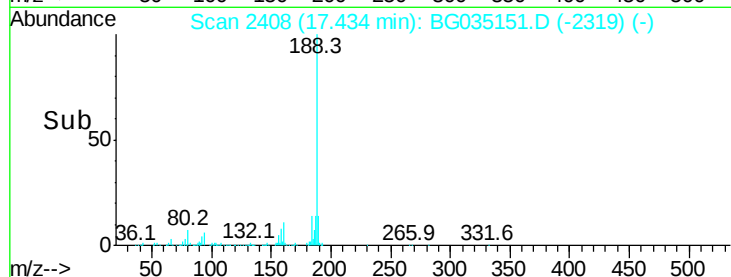
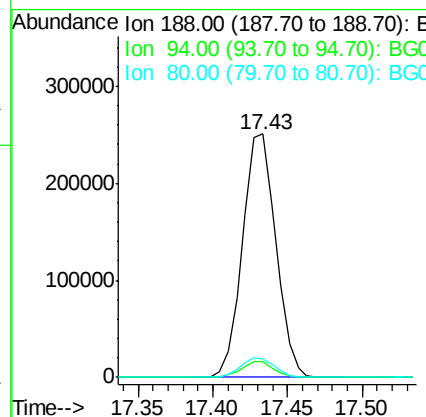
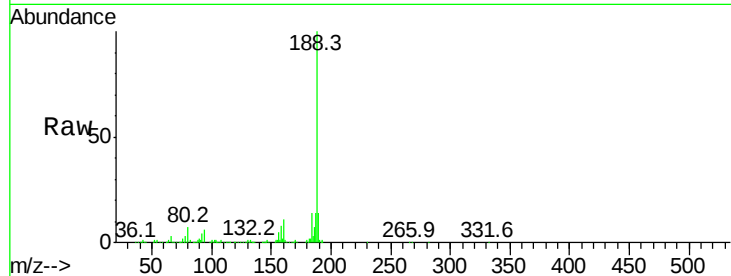
ClientSampleId :

PB110221BS

Tot Ion:	188	Resp:	389284
Ion Ratio	Lower	Upper	
188	100		
94	6.2	6.9	10.3#
80	7.5	7.7	11.5#

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#64

4,6-Dinitro-2-methylphenol

Concen: 42.644 ng

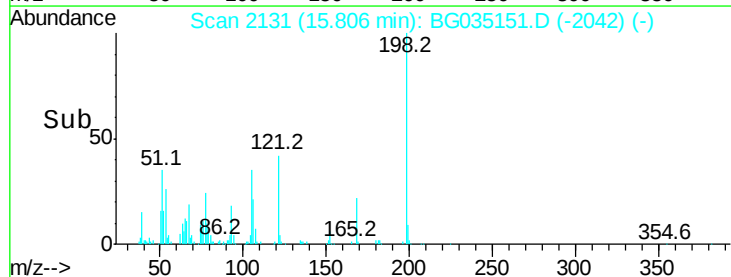
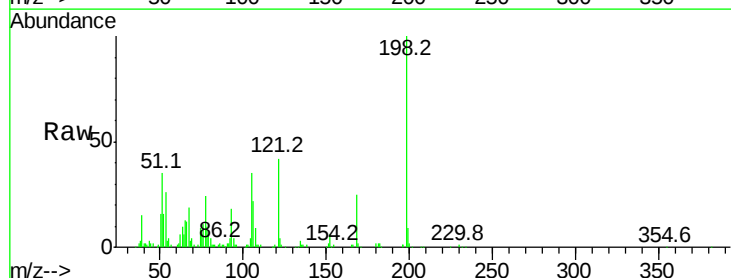
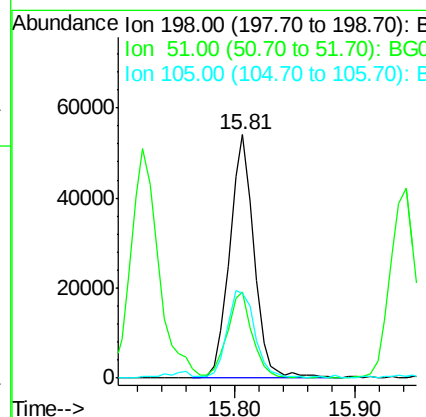
RT: 15.81 min Scan# 2131

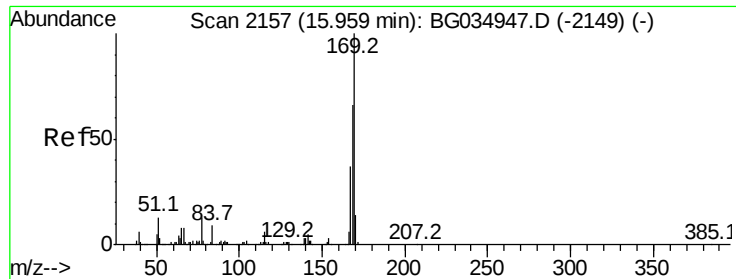
Delta R.T. -0.01 min

Lab File: BG035151.D

Acq: 14 Jun 2018 23:42

Tgt Ion:	198	Resp:	75793
Ion Ratio	Lower	Upper	
198	100		
51	35.4	30.6	70.6
105	35.1	23.8	63.8





#65

n-Nitrosodiphenylamine

Concen: 42.582 ng

RT: 15.94 min Scan# 2154

Delta R.T. -0.01 min

Lab File: BG035151.D

Acq: 14 Jun 2018 23:42

Instrument :

BNA_G

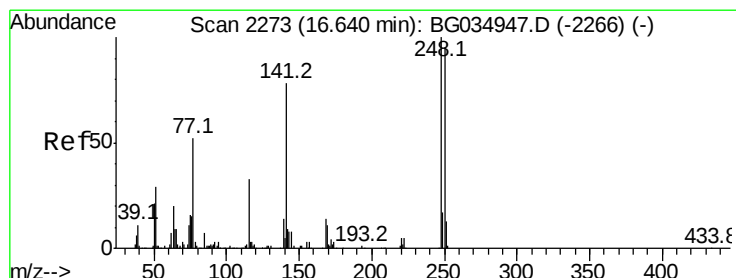
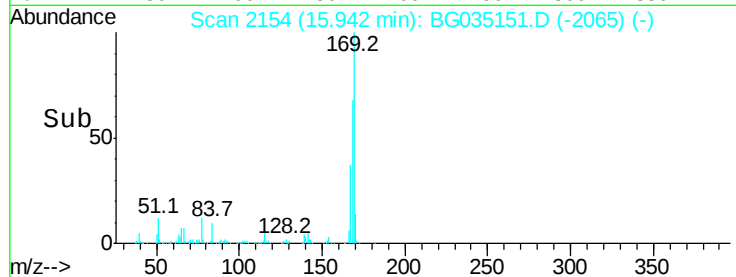
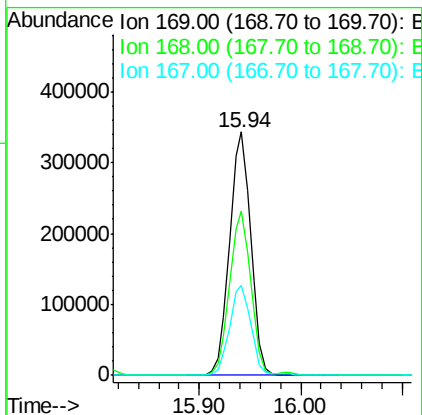
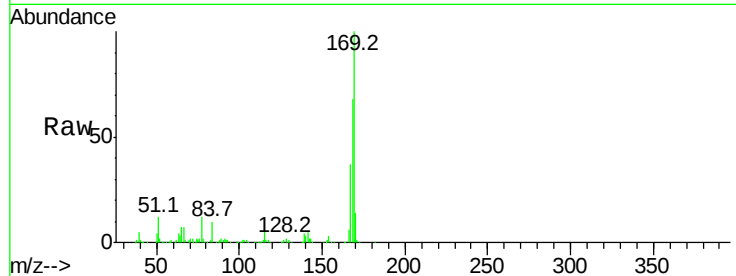
ClientSampleId :

PB110221BS

Tot Ion:	169	Resp:	497811
Ion Ratio	Lower	Upper	
169	100		
168	67.6	55.7	83.5
167	37.0	30.1	45.1

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#66

4-Bromophenyl-phenylether

Concen: 48.282 ng

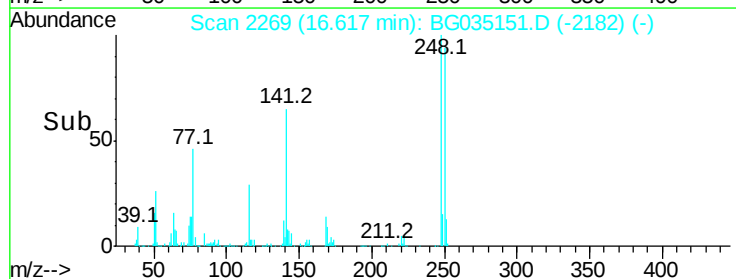
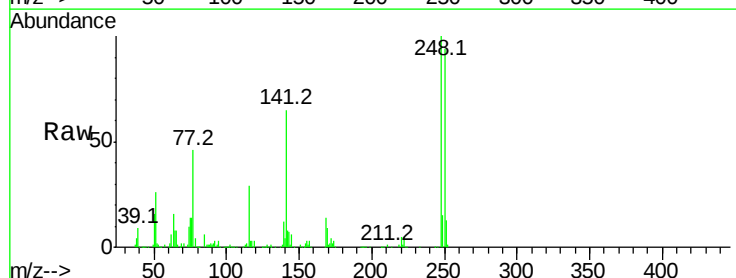
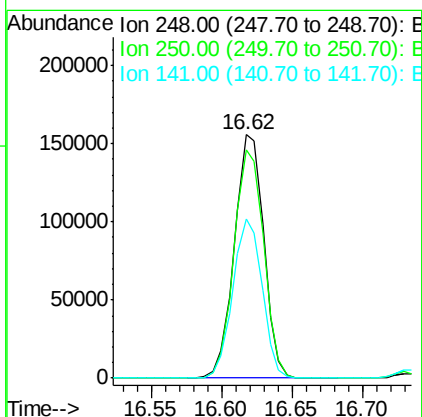
RT: 16.62 min Scan# 2269

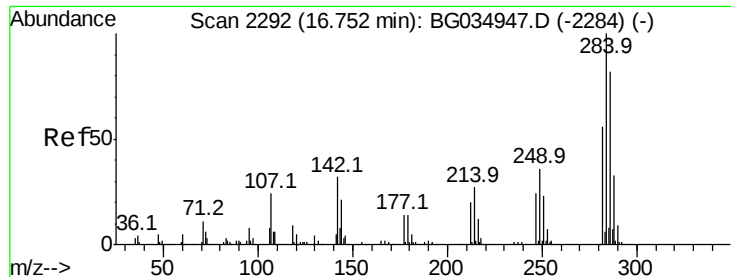
Delta R.T. -0.02 min

Lab File: BG035151.D

Acq: 14 Jun 2018 23:42

Tgt Ion:	248	Resp:	226341
Ion Ratio	Lower	Upper	
248	100		
250	93.7	77.1	115.7
141	65.4	50.8	76.2





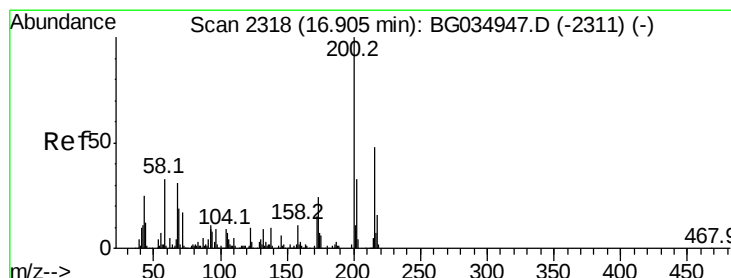
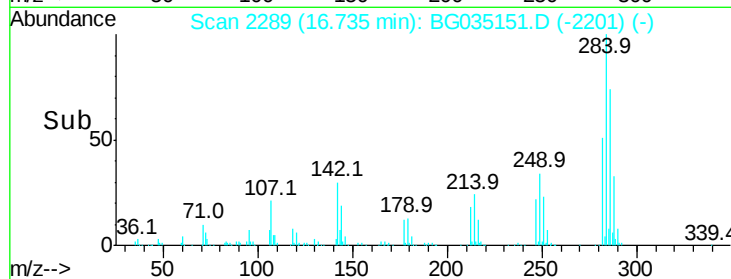
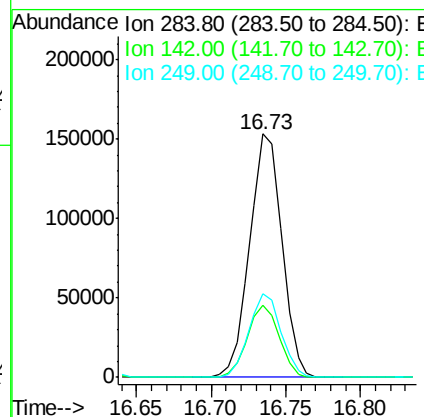
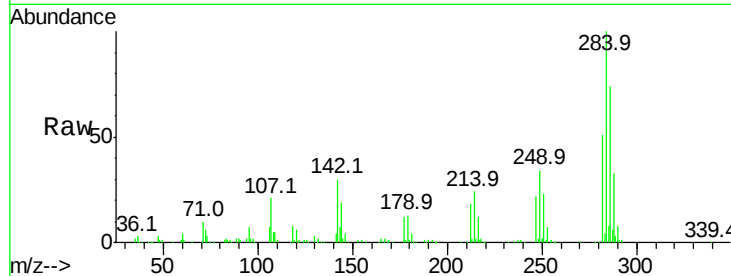
#67
Hexachlorobenzene
Concen: 47.856 ng
RT: 16.73 min Scan# 2289
Delta R.T. -0.01 min
Lab File: BG035151.D
Acq: 14 Jun 2018 23:42

Instrument :
BNA_G
ClientSampleId :
PB110221BS

Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	29.8	26.8	40.2
249	34.5	26.3	39.5

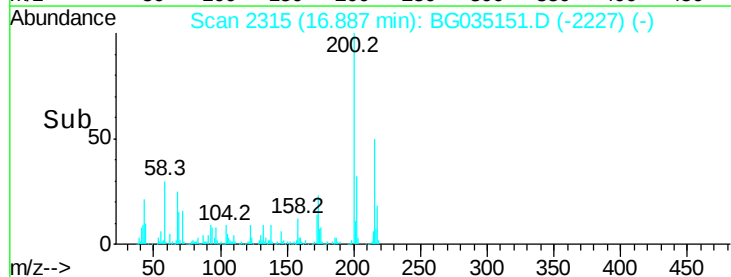
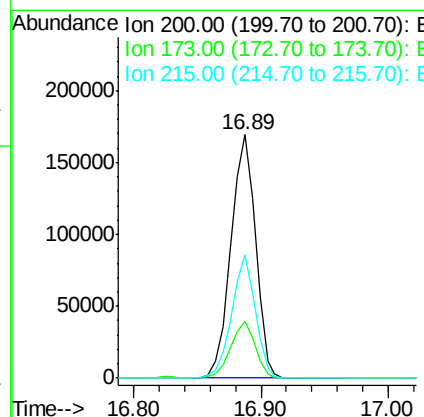
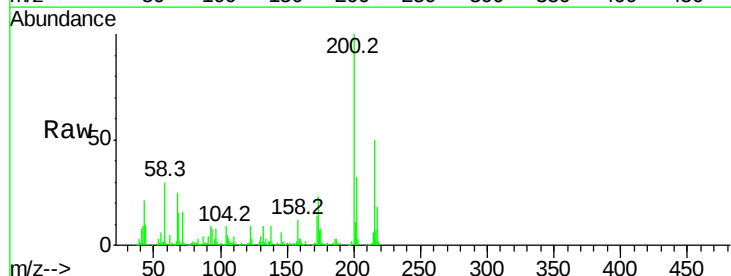
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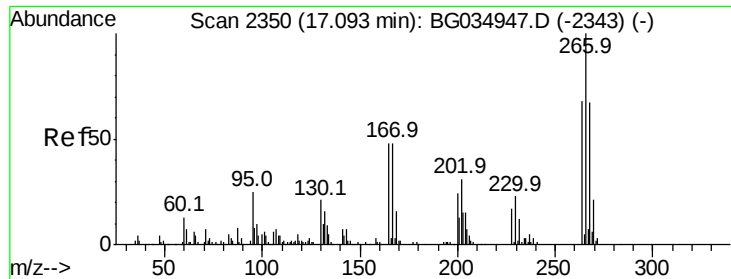
Sohil
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#68
Atrazine
Concen: 45.476 ng
RT: 16.89 min Scan# 2315
Delta R.T. -0.01 min
Lab File: BG035151.D
Acq: 14 Jun 2018 23:42

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	23.1	5.2	45.2
215	50.4	30.4	70.4





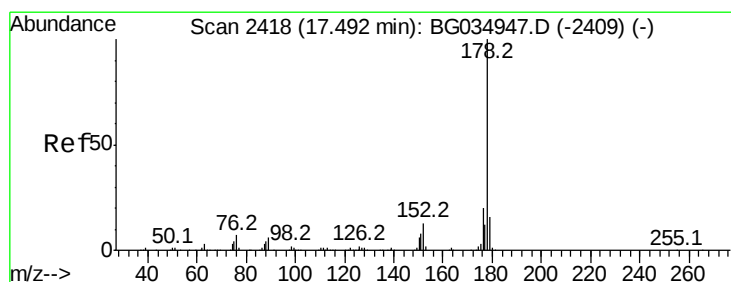
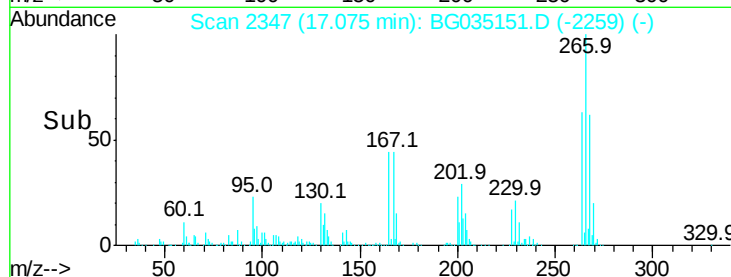
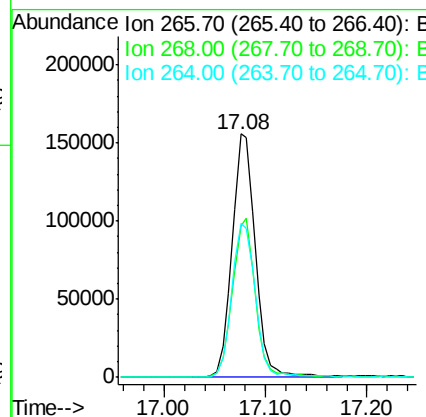
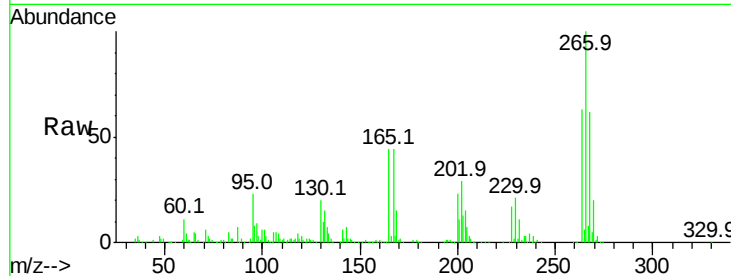
#69
 Pentachlorophenol
 Concen: 77.568 ng
 RT: 17.08 min Scan# 2347
 Delta R.T. -0.01 min
 Lab File: BG035151.D
 Acq: 14 Jun 2018 23:42

Instrument :
 BNA_G
 ClientSampleId :
 PB110221BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	248878		
268	62.2		51.1	76.7
264	63.1		49.6	74.4

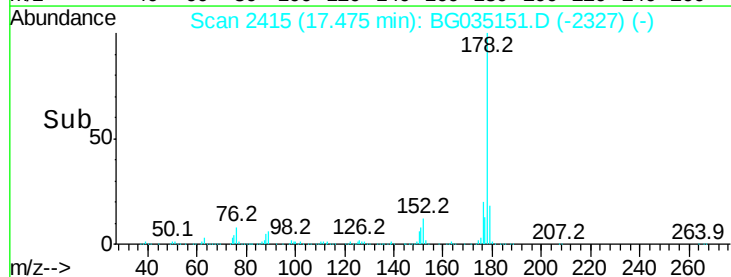
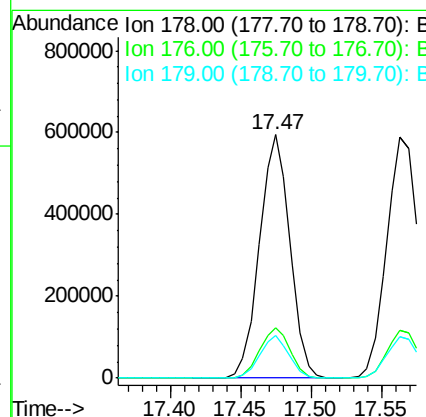
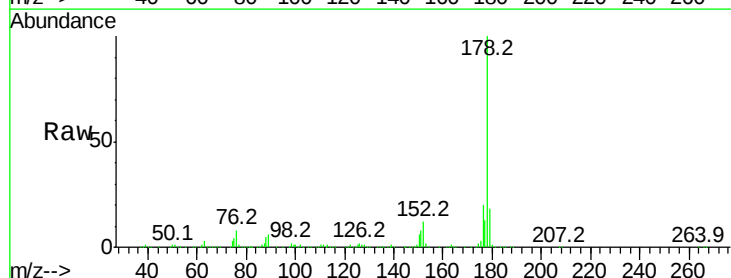
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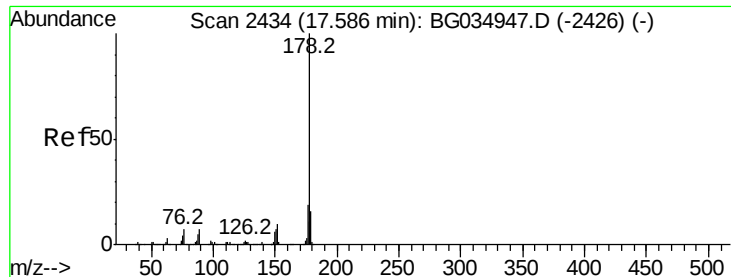
Sohil
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#70
 Phenanthrene
 Concen: 45.502 ng
 RT: 17.47 min Scan# 2415
 Delta R.T. -0.01 min
 Lab File: BG035151.D
 Acq: 14 Jun 2018 23:42

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	899793		
176	20.5		15.7	23.5
179	17.5		12.5	18.7





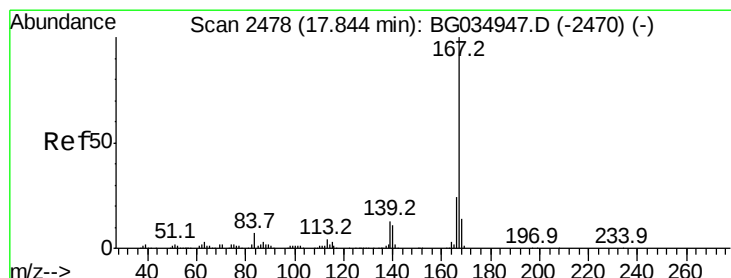
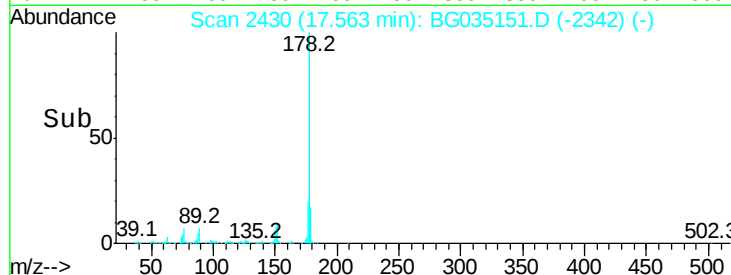
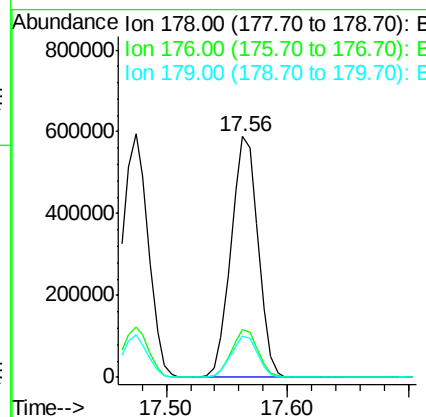
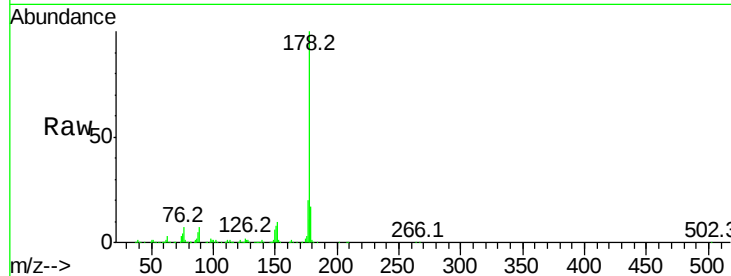
#71
 Anthracene
 Concen: 46.153 ng
 RT: 17.56 min Scan# 2430
 Delta R.T. -0.01 min
 Lab File: BG035151.D
 Acq: 14 Jun 2018 23:42

Instrument :
 BNA_G
 ClientSampleId :
 PB110221BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.0	24.0
179	17.1	12.5	18.7

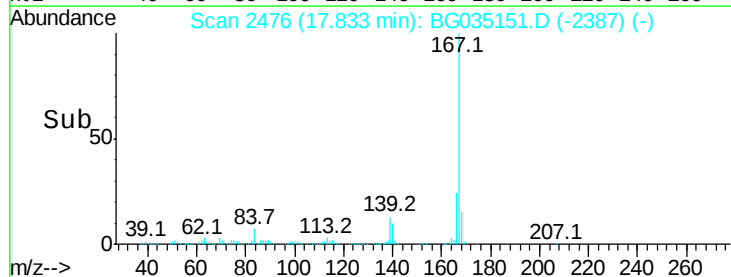
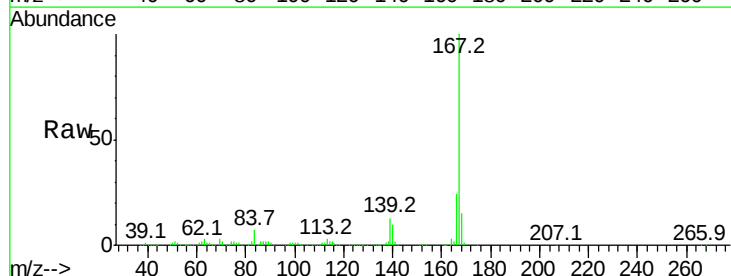
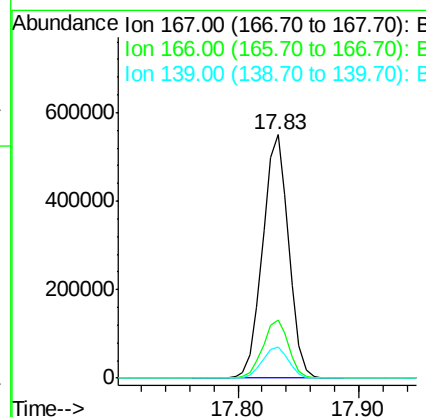
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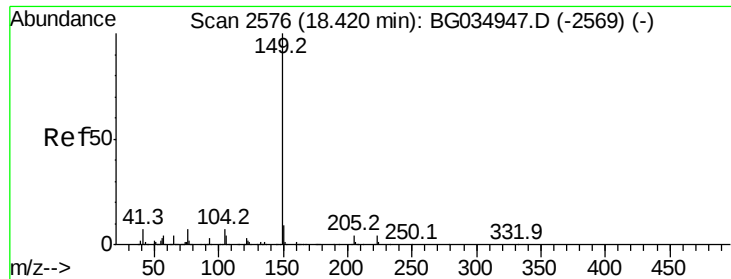
Sohil
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#72
 Carbazole
 Concen: 44.776 ng
 RT: 17.83 min Scan# 2476
 Delta R.T. -0.01 min
 Lab File: BG035151.D
 Acq: 14 Jun 2018 23:42

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.7	18.2	27.4
139	12.7	9.4	14.2





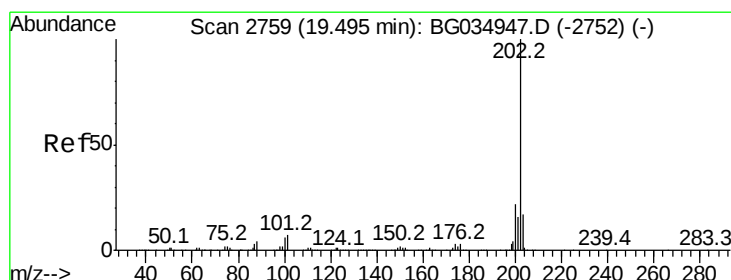
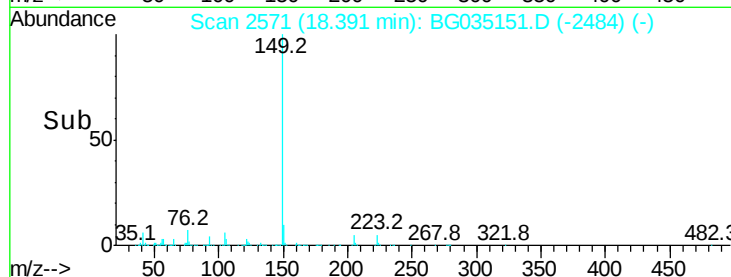
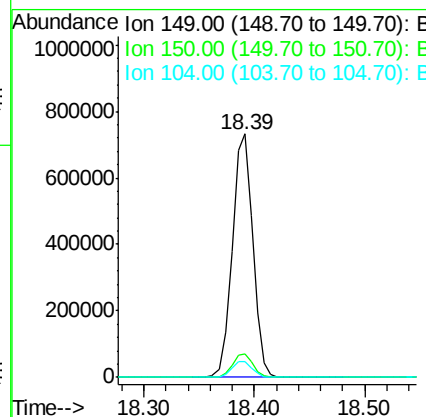
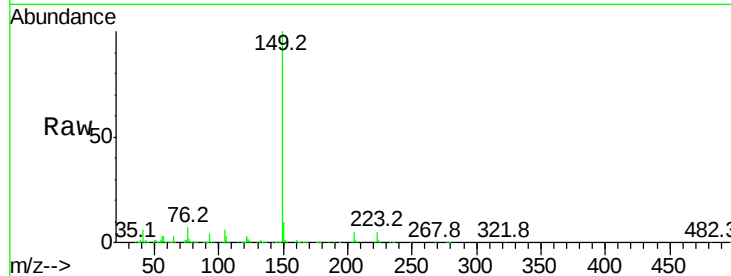
#73
Di-n-butylphthalate
Concen: 43.442 ng
RT: 18.39 min Scan# 2571
Delta R.T. -0.02 min
Lab File: BG035151.D
Acq: 14 Jun 2018 23:42

Instrument :
BNA_G
ClientSampleId :
PB110221BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
150	9.6	7.8	11.6
104	6.4	3.9	5.9

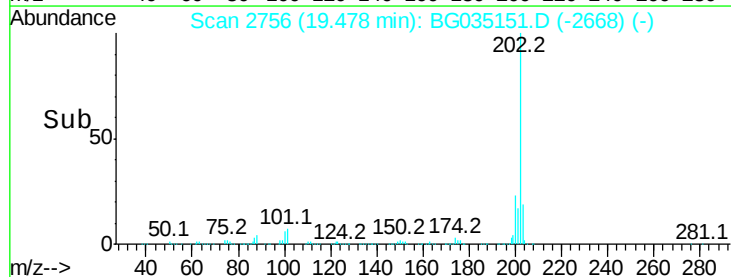
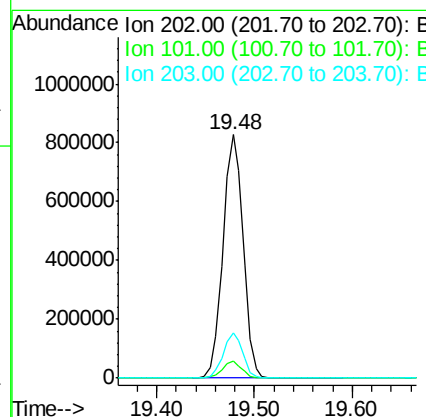
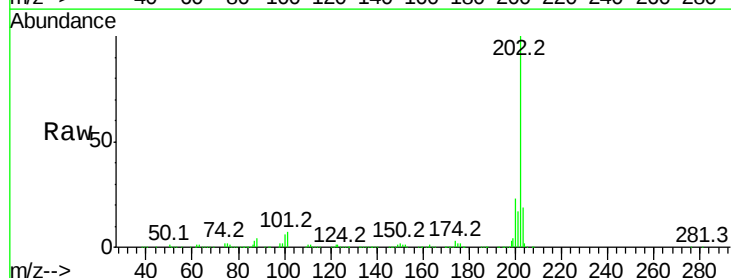
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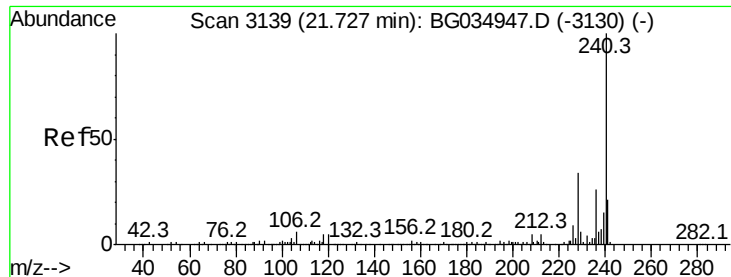
Sohil
6/15/2018 1:44:05 PM



#74
Fluoranthene
Concen: 45.819 ng
RT: 19.48 min Scan# 2756
Delta R.T. -0.01 min
Lab File: BG035151.D
Acq: 14 Jun 2018 23:42

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	7.1	0.0	28.9
203	18.8	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3135

Delta R.T. -0.01 min

Lab File: BG035151.D

Acq: 14 Jun 2018 23:42

Instrument :

BNA_G

ClientSampleId :

PB110221BS

Tot Ion:240 Resp: 405258

Ion Ratio Lower Upper

240 100

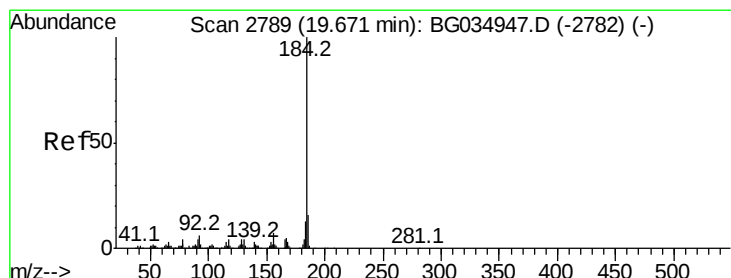
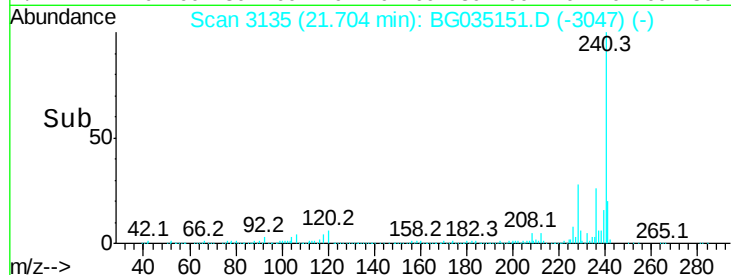
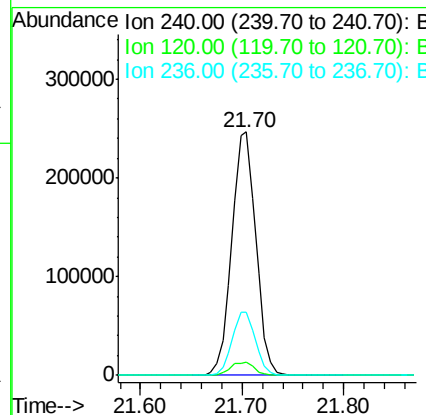
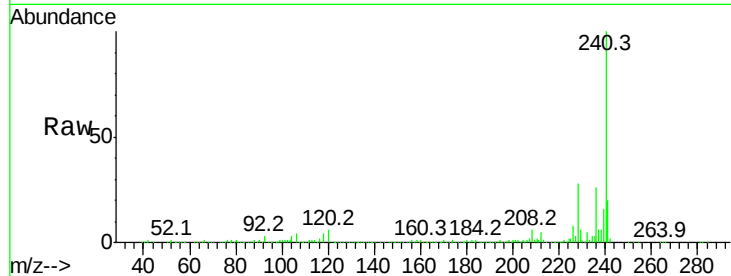
120 5.6 6.8 10.2#

236 26.0 20.9 31.3

Manual Integrations
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6/15/2018 1:44:05 PM



#76

Benzidine

Concen: 19.698 ng

RT: 19.65 min Scan# 2786

Delta R.T. -0.01 min

Lab File: BG035151.D

Acq: 14 Jun 2018 23:42

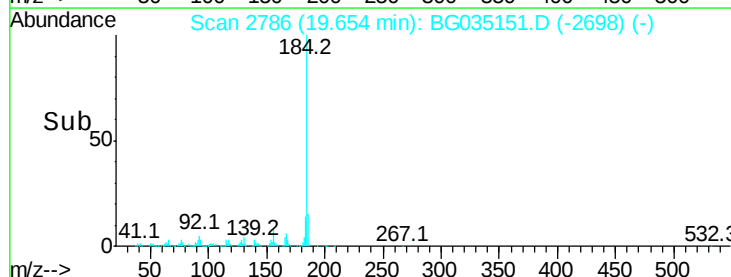
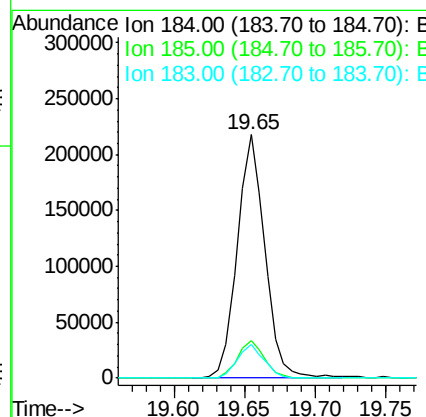
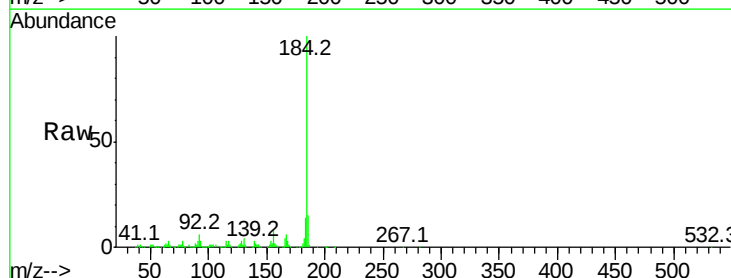
Tgt Ion:184 Resp: 296995

Ion Ratio Lower Upper

184 100

185 15.4 11.1 16.7

183 14.0 10.6 16.0





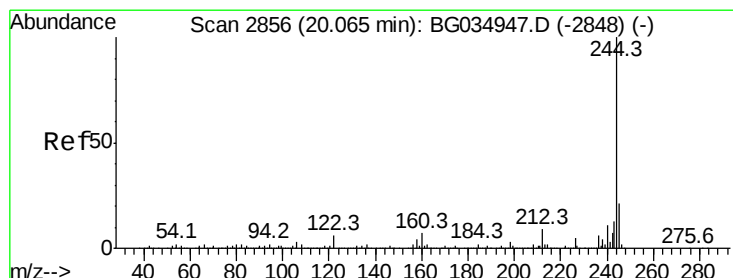
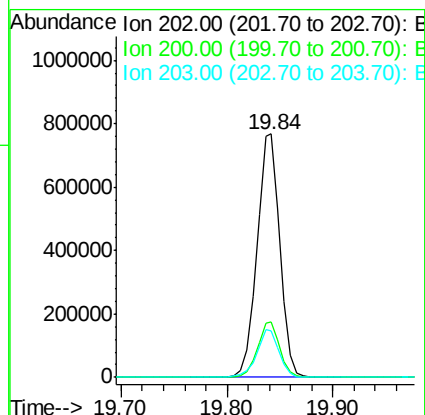
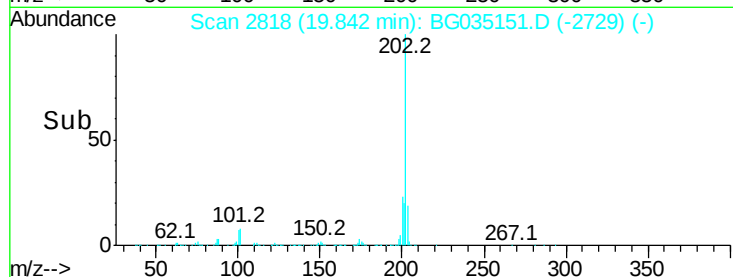
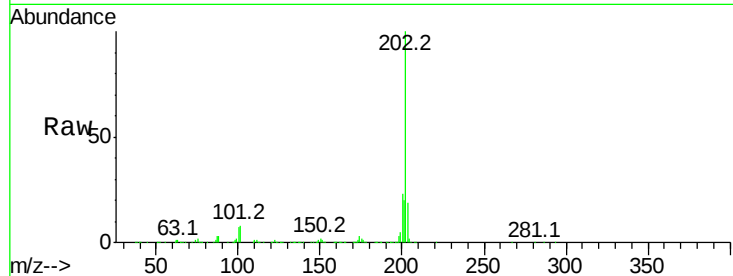
#77
Pvrene
Concen: 43.262 ng
RT: 19.84 min Scan# 2818
Delta R.T. -0.01 min
Lab File: BG035151.D
Acq: 14 Jun 2018 23:42

Instrument :
BNA_G
ClientSampleId :
PB110221BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.9	16.9	25.3
203	18.9	13.9	20.9

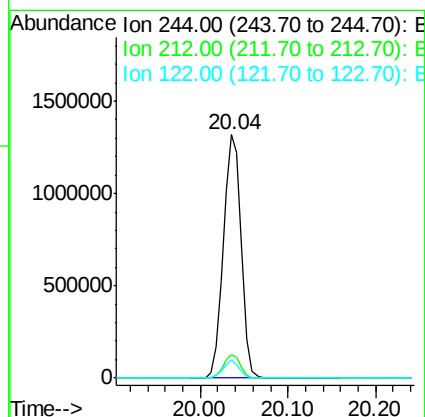
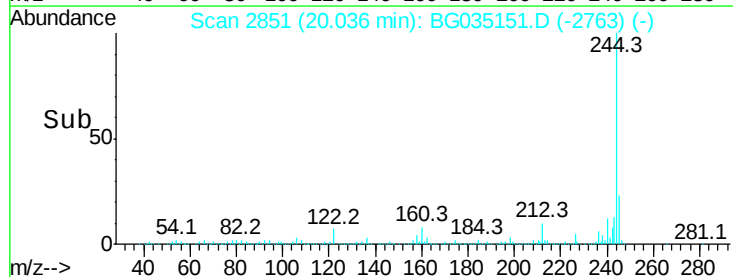
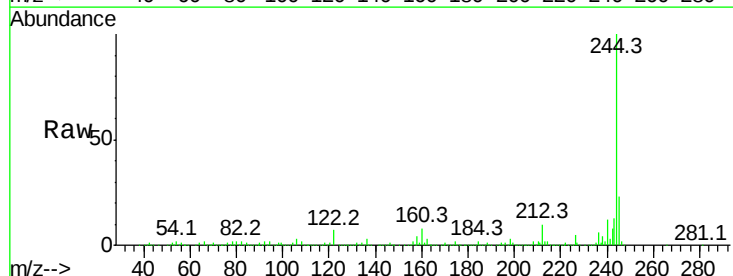
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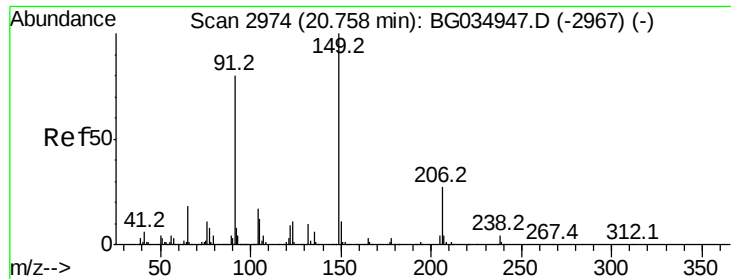
Sohil
6/15/2018 1:44:05 PM



#78
Terphenyl-d14
Concen: 95.732 ng
RT: 20.04 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BG035151.D
Acq: 14 Jun 2018 23:42

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.6	5.8	8.8#
122	7.3	7.0	10.4





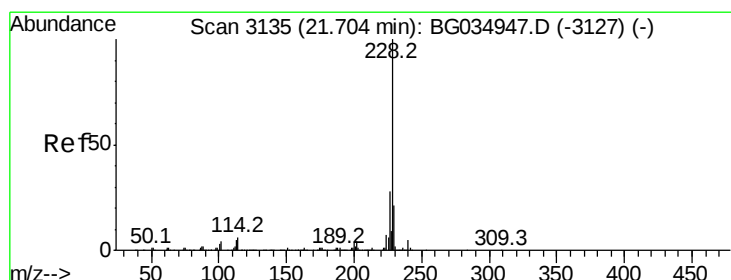
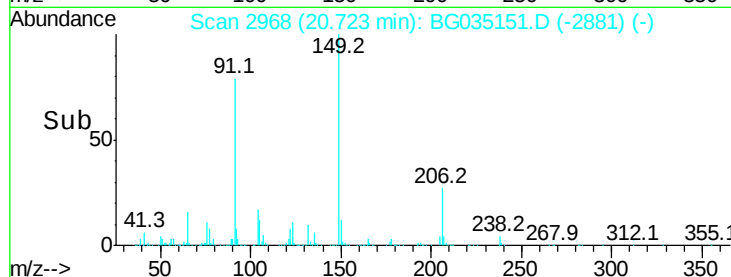
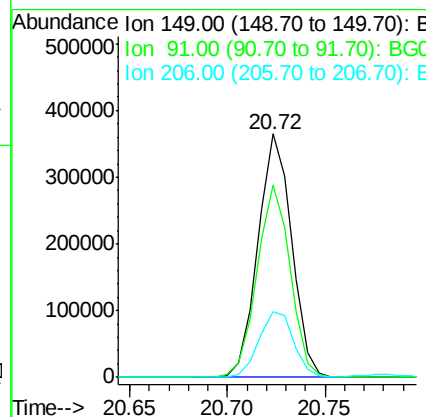
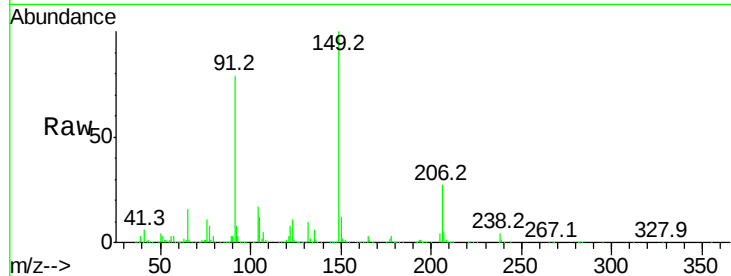
#79
Butylbenzylphthalate
Concen: 44.820 ng
RT: 20.72 min Scan# 2968
Delta R.T. -0.02 min
Lab File: BG035151.D
Acq: 14 Jun 2018 23:42

Instrument :
BNA_G
ClientSampleId :
PB110221BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	79.2	62.2	93.2
206	27.2	18.6	27.8

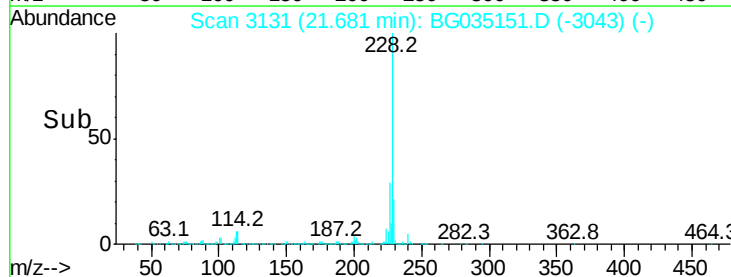
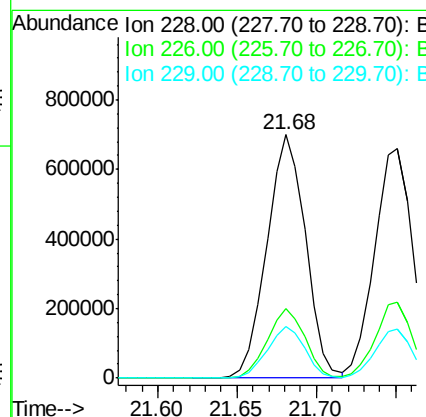
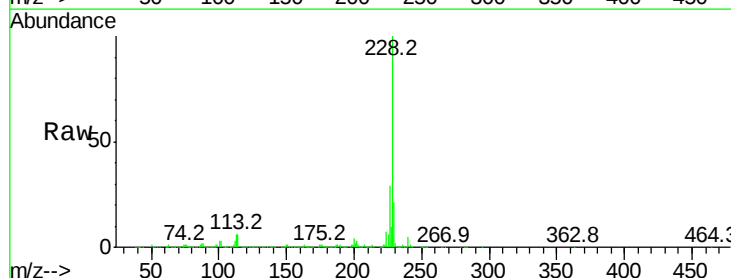
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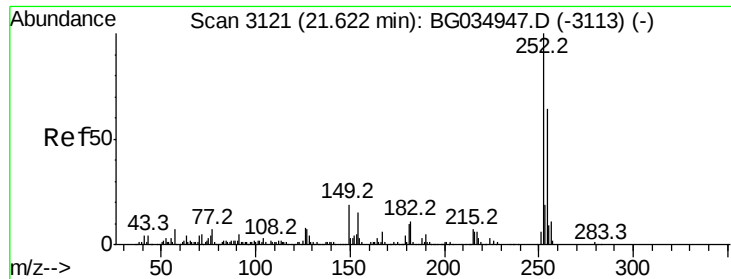
Sohil
6/15/2018 1:44:05 PM



#80
Benzo(a)anthracene
Concen: 45.911 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG035151.D
Acq: 14 Jun 2018 23:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.7	34.1
229	21.1	16.2	24.2





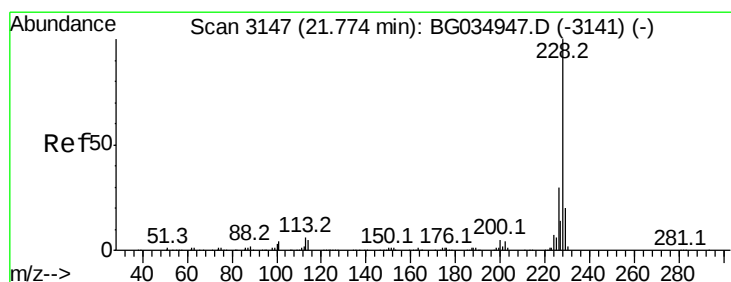
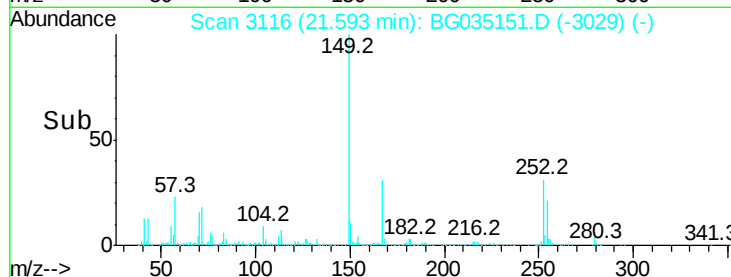
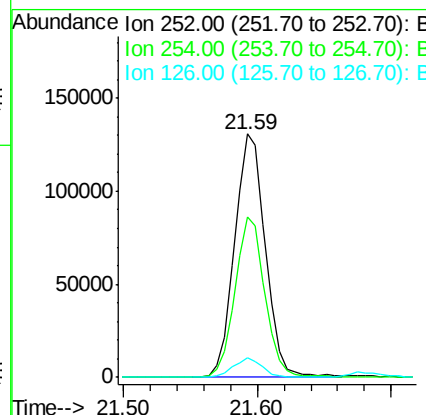
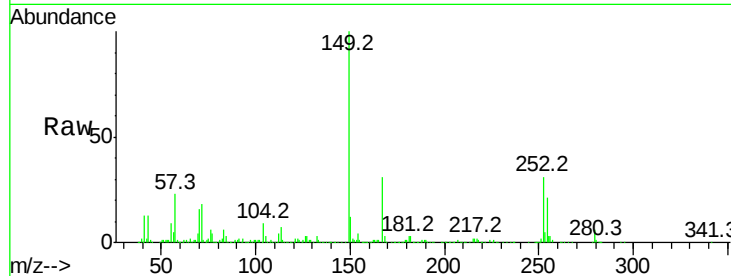
#81
 3,3'-Dichlorobenzidine
 Concen: 21.533 ng
 RT: 21.59 min Scan# 3116
 Delta R.T. -0.02 min
 Lab File: BG035151.D
 Acq: 14 Jun 2018 23:42

Instrument :
 BNA_G
 ClientSampleId :
 PB110221BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	209803		
254	66.1	50.8	76.2	
126	8.3	7.4	11.2	

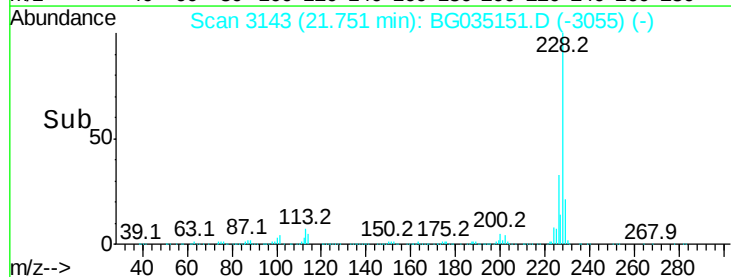
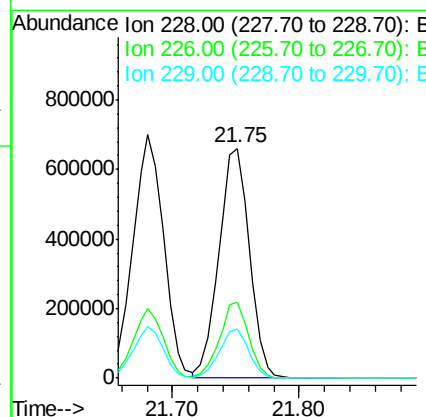
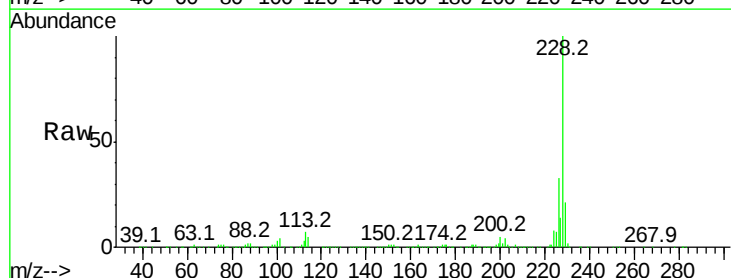
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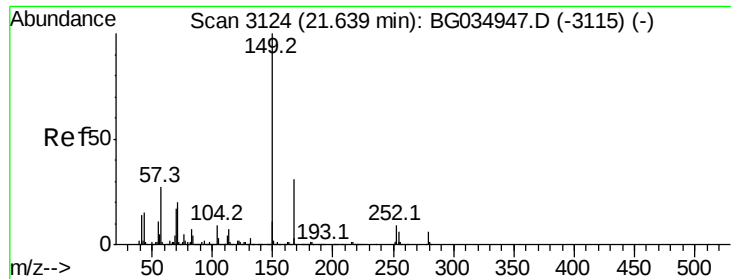
Sohil
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#82
 Chrysene
 Concen: 46.633 ng
 RT: 21.75 min Scan# 3143
 Delta R.T. -0.01 min
 Lab File: BG035151.D
 Acq: 14 Jun 2018 23:42

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1105703		
226	33.0	24.9	37.3	
229	21.3	15.0	22.4	





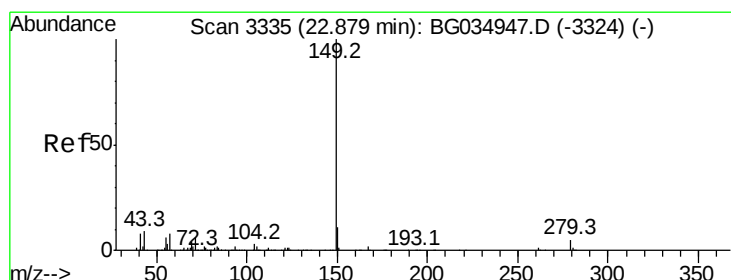
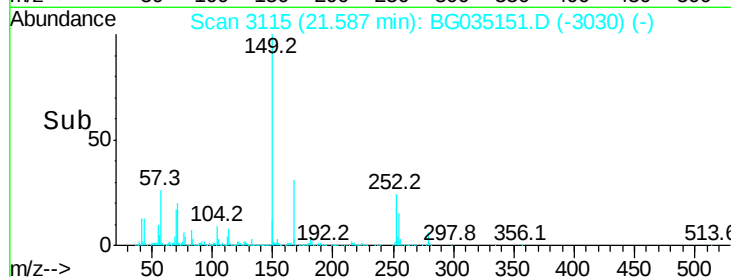
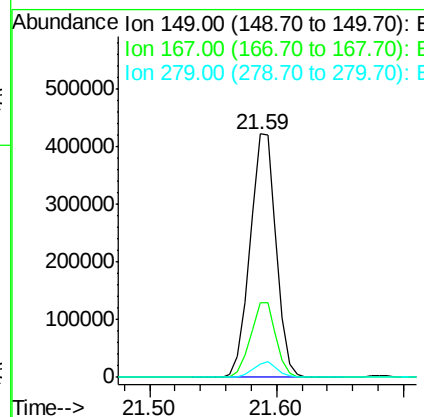
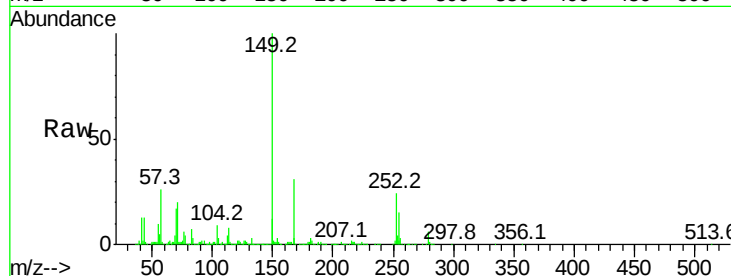
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.741 ng
 RT: 21.59 min Scan# 3115
 Delta R.T. -0.03 min
 Lab File: BG035151.D
 Acq: 14 Jun 2018 23:42

Instrument :
 BNA_G
 ClientSampled :
 PB110221BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	30.5	24.3	36.5
279	5.6	4.0	6.0

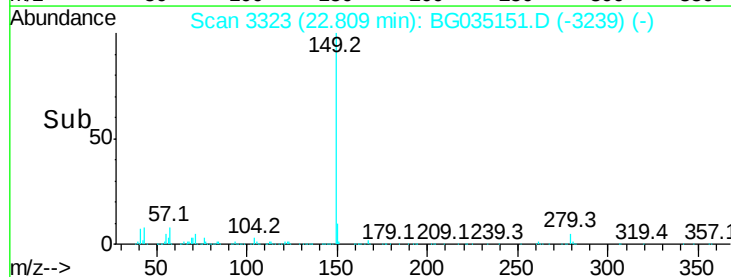
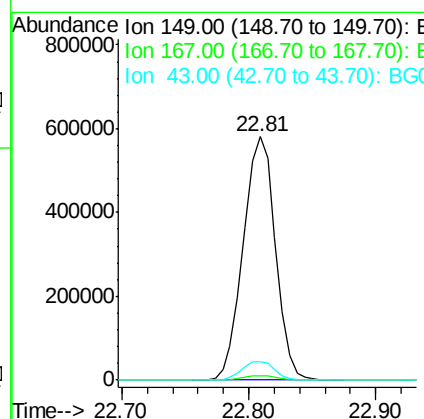
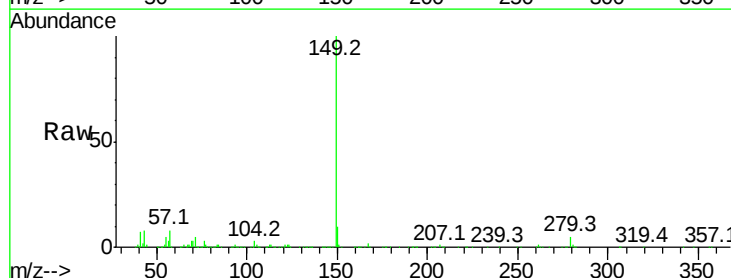
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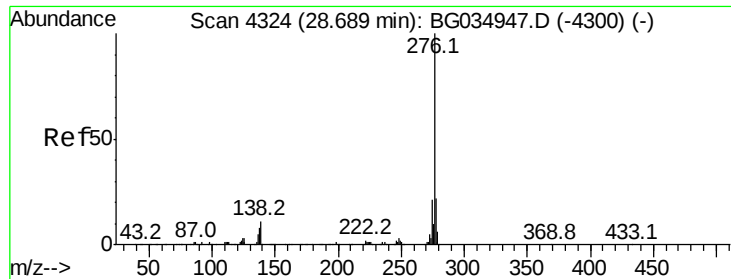
Sohil
 6/15/2018 1:44:05 PM



#84
 Di-n-octyl phthalate
 Concen: 43.437 ng
 RT: 22.81 min Scan# 3323
 Delta R.T. -0.04 min
 Lab File: BG035151.D
 Acq: 14 Jun 2018 23:42

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.4	2.0
43	8.0	8.9	13.3#





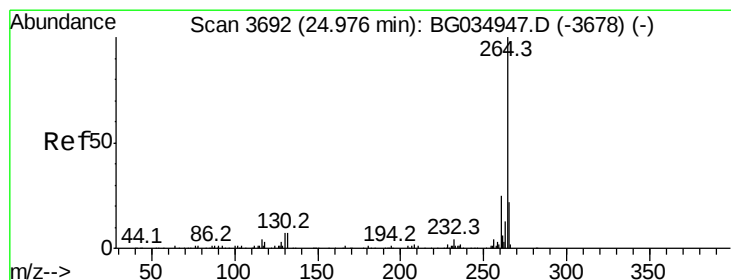
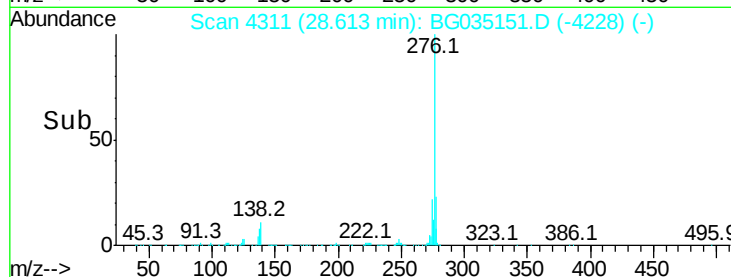
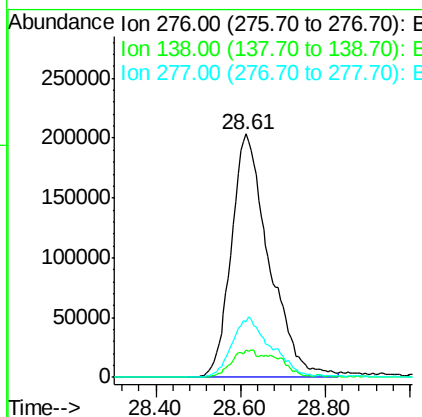
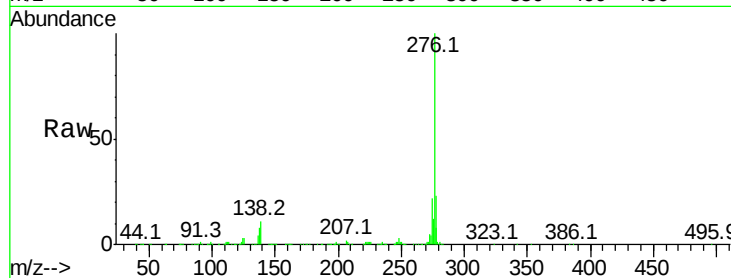
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.156 ng
 RT: 28.61 min Scan# 4311
 Delta R.T. -0.04 min
 Lab File: BG035151.D
 Acq: 14 Jun 2018 23:42

Instrument :
 BNA_G
 ClientSampled :
 PB110221BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	7.5	16.0	24.0#
277	25.4	20.0	30.0

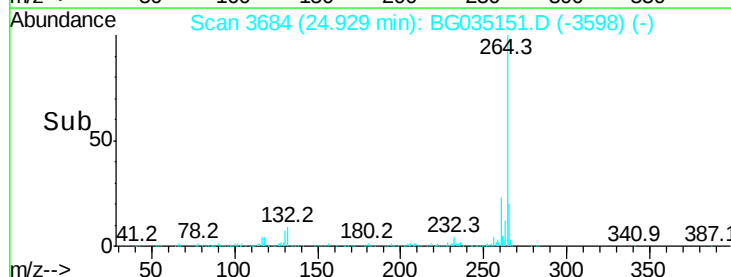
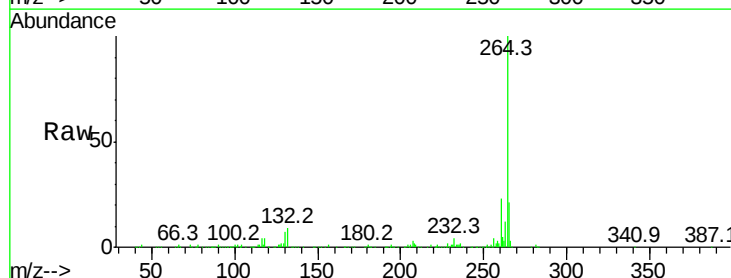
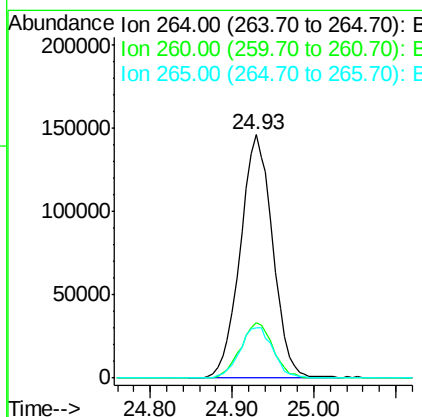
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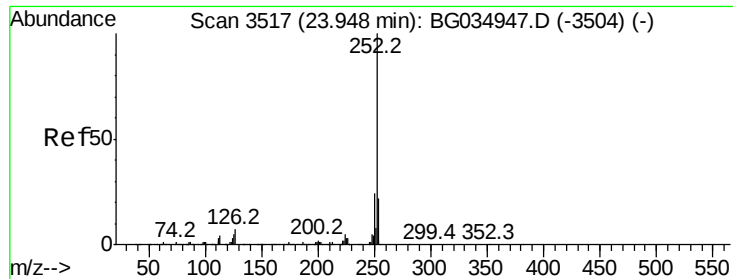
Sohil
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.93 min Scan# 3684
 Delta R.T. -0.02 min
 Lab File: BG035151.D
 Acq: 14 Jun 2018 23:42

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.4	26.0
265	20.6	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 47.304 ng

RT: 23.91 min Scan# 3510

Delta R.T. -0.02 min

Lab File: BG035151.D

Acq: 14 Jun 2018 23:42

Instrument :

BNA_G

ClientSampleId :

PB110221BS

Tot Ion:252 Resp: 1171800

Ion Ratio Lower Upper

252 100

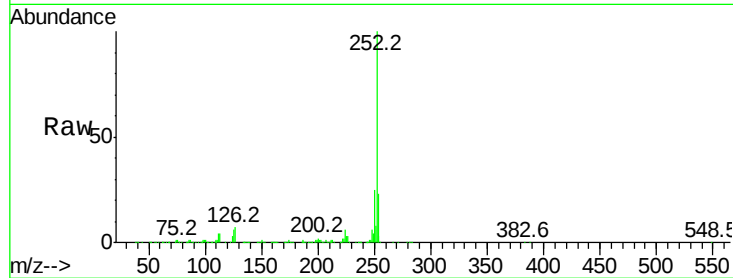
253 22.7 18.2 27.4

125 5.6 7.2 10.8#

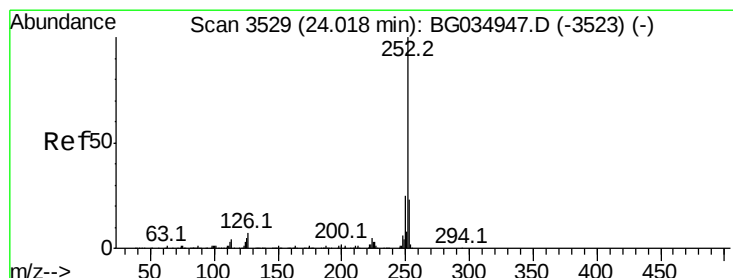
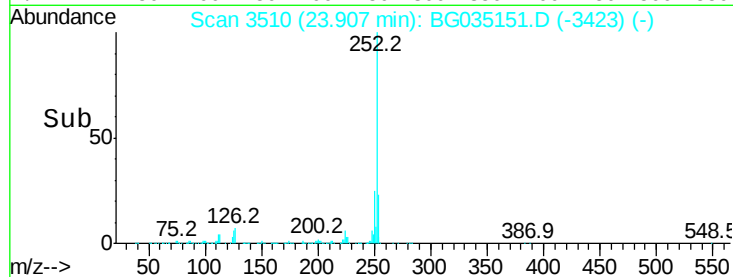
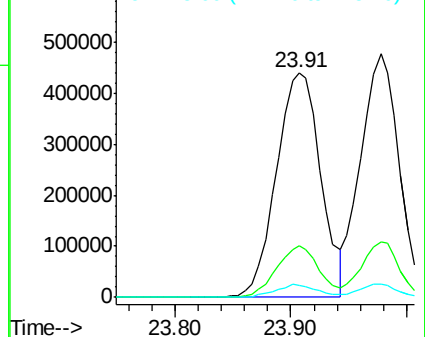
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 45.787 ng

RT: 23.98 min Scan# 3522

Delta R.T. -0.02 min

Lab File: BG035151.D

Acq: 14 Jun 2018 23:42

Tgt Ion:252 Resp: 1109513

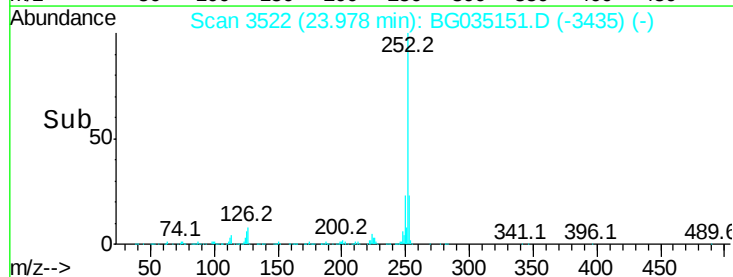
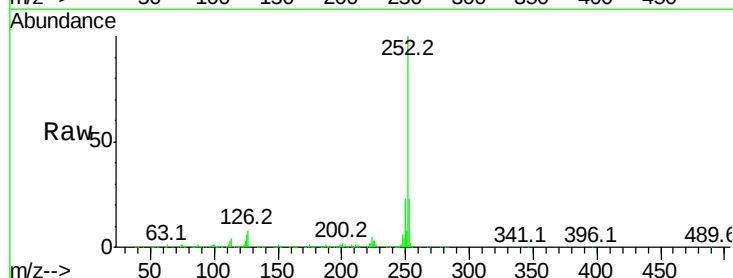
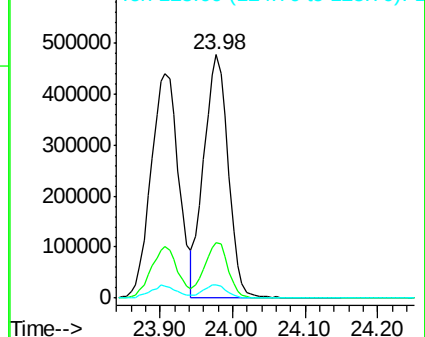
Ion Ratio Lower Upper

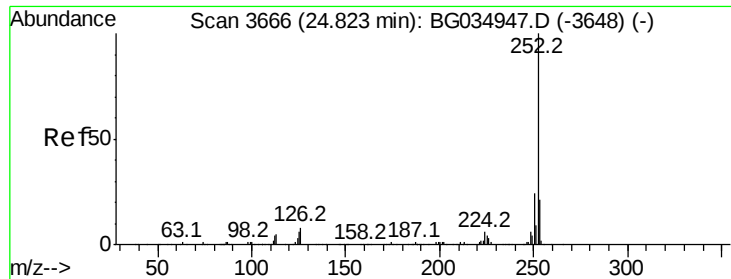
252 100

253 22.8 17.4 26.2

125 5.5 6.6 9.8#

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





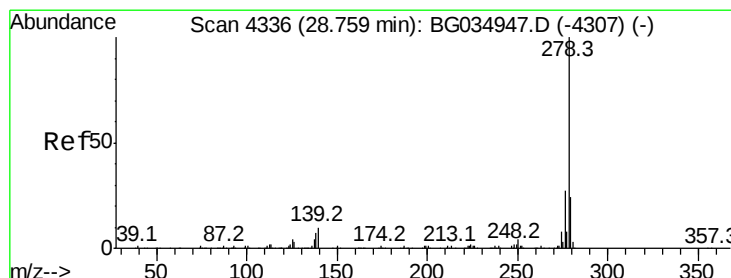
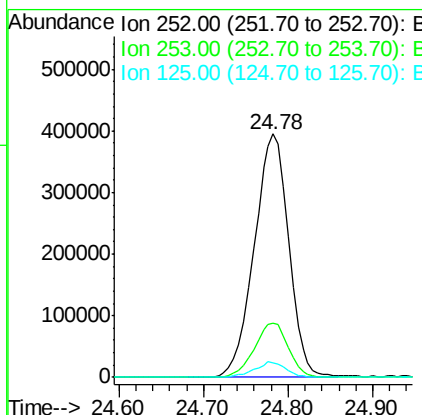
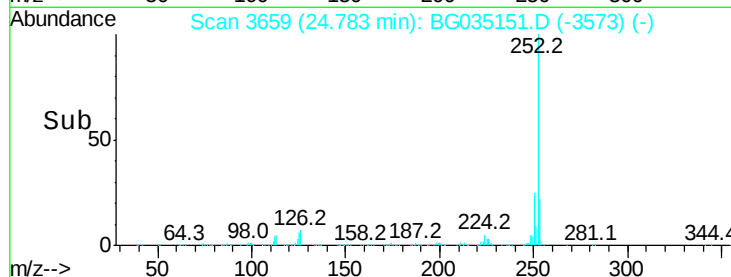
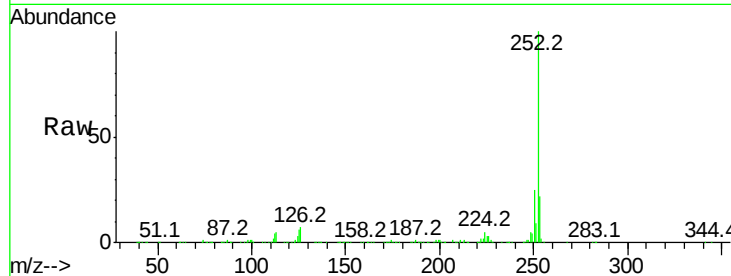
#89
Benzo(a)pyrene
Concen: 48.045 ng
RT: 24.78 min Scan# 3659
Delta R.T. -0.02 min
Lab File: BG035151.D
Acq: 14 Jun 2018 23:42

Instrument :
BNA_G
ClientSampleId :
PB110221BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.3	27.5
125	6.2	7.3	10.9#

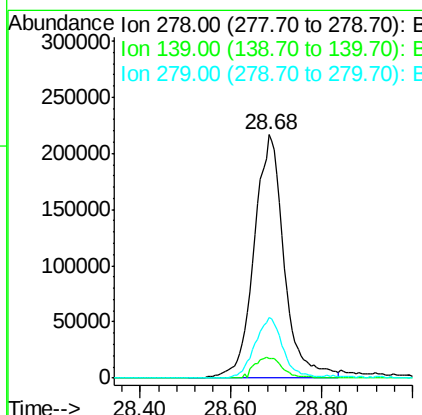
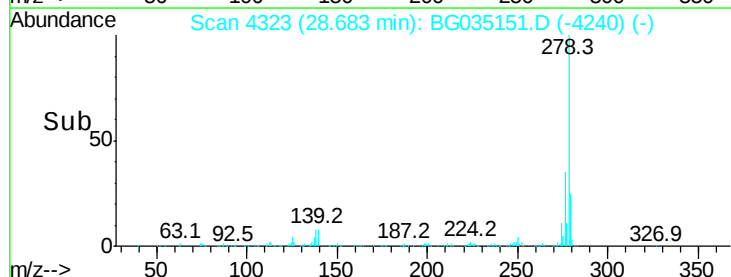
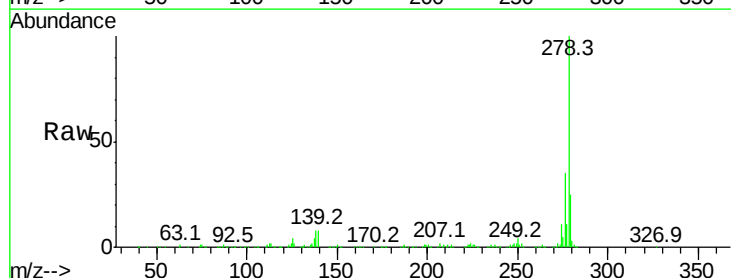
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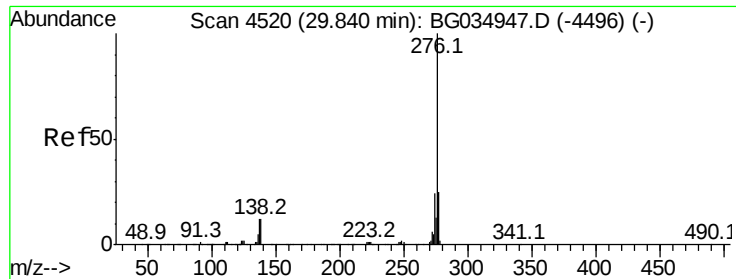
Sohil
6/15/2018 1:44:05 PM



#90
Dibenzo(a,h)anthracene
Concen: 43.278 ng
RT: 28.68 min Scan# 4323
Delta R.T. -0.04 min
Lab File: BG035151.D
Acq: 14 Jun 2018 23:42

Tgt Ion	Ratio	Lower	Upper
278	100		
139	8.2	9.8	14.6#
279	24.7	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 45.515 ng
 RT: 29.77 min Scan# 4508
 Delta R.T. -0.04 min
 Lab File: BG035151.D
 Acq: 14 Jun 2018 23:42

Instrument :
 BNA_G
 ClientSampleId :
 PB110221BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.0	18.3	27.5
138	11.8	13.9	20.9

Manual Integrations
 APPROVED

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