

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080218\
 Data File : BG036056.D
 Acq On : 2 Aug 2018 12:09
 Operator : JU/SJ
 Sample : PB111684BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111684BS

Manual Integrations
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Sohil
 8/3/2018 12:58:26 PM

Quant Time: Aug 02 13:45:55 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 12:30:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	27450	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	100346	20.00	ng	-0.01
38) Acenaphthene-d10	14.65	164	76955	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	225654	20.00	ng	0.00
75) Chrysene-d12	21.65	240	248765	20.00	ng	0.00
86) Perylene-d12	24.84	264	240854	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	154805	93.63	ng	0.00
7) Phenol-d6	7.19	99	228875	92.78	ng	0.00
23) Nitrobenzene-d5	9.18	82	225113	93.72	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	116209	114.57	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	558385	97.21	ng	-0.01
78) Terphenyl-d14	20.00	244	1018400	90.24	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	26018	30.918	ng	# 75
3) Pyridine	3.91	79	72570	33.033	ng	# 72
4) n-Nitrosodimethylamine	3.83	42	32287	34.228	ng	# 78
6) Aniline	7.34	93	83888	26.237	ng	96
8) 2-Chlorophenol	7.58	128	72518	43.125	ng	96
9) Benzaldehyde	7.16	77	41007	27.092	ng	95
10) Phenol	7.21	94	112265	45.046	ng	94
11) bis(2-Chloroethyl)ether	7.44	93	73155	37.481	ng	90
12) 1,3-Dichlorobenzene	7.91	146	80010	39.401	ng	# 93
13) 1,4-Dichlorobenzene	8.05	146	82080	39.782	ng	98
14) 1,2-Dichlorobenzene	8.37	146	81818	41.279	ng	97
15) Benzyl Alcohol	8.26	79	85484	38.161	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.54	45	81135	49.584	ng	77
17) 2-Methylphenol	8.47	107	72540	42.810	ng	# 87
18) Hexachloroethane	9.10	117	31280	39.651	ng	95
19) n-Nitroso-di-n-propylamine	8.82	70	66005	31.775	ng	# 90
20) 3+4-Methylphenols	8.79	107	97784	41.598	ng	92
22) Acetophenone	8.84	105	125170	40.112	ng	# 94
24) Nitrobenzene	9.22	77	104970	43.453	ng	89
25) Isophorone	9.74	82	197840	44.368	ng	# 98
26) 2-Nitrophenol	9.93	139	42378	49.394	ng	# 90
27) 2,4-Dimethylphenol	9.99	122	78132	53.799	ng	84
28) bis(2-Chloroethoxy)methane	10.22	93	103676	42.195	ng	99
29) 2,4-Dichlorophenol	10.48	162	87331	52.679	ng	94
30) 1,2,4-Trichlorobenzene	10.69	180	93043	45.770	ng	96
31) Naphthalene	10.87	128	230369	44.072	ng	99
32) Benzoic acid	10.17	122	22933	23.457	ng	90
33) 4-Chloroaniline	10.99	127	47587	20.888	ng	# 92
34) Hexachlorobutadiene	11.16	225	72571	45.781	ng	98
35) Caprolactam	11.76	113	32213m	45.280	ng	
36) 4-Chloro-3-methylphenol	12.11	107	115336	51.903	ng	97
37) 2-Methylnaphthalene	12.47	142	183423	47.101	ng	# 89
39) 1,2,4,5-Tetrachlorobenzene	12.84	216	125907	43.348	ng	97
40) Hexachlorocyclopentadiene	12.82	237	155547	102.114	ng	94

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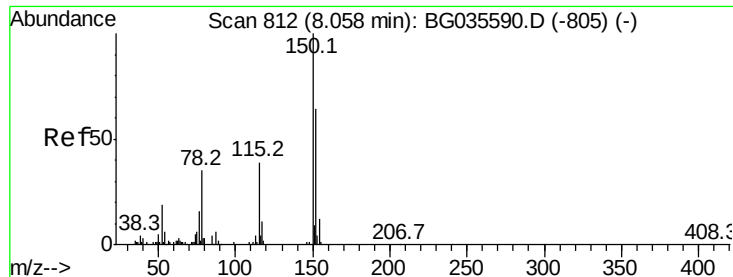
Manual Integrations
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 8/3/2018 12:58:26 PM

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.08	196	84349	49.658	nq	95
43) 2,4,5-Trichlorophenol	13.16	196	94491	49.727	nq	97
45) 1,1'-Biphenyl	13.48	154	261555	43.839	nq	96
46) 2-Chloronaphthalene	13.52	162	209702	45.186	nq	98
47) 2-Nitroaniline	13.73	65	75539	46.041	nq	93
48) Acenaphthylene	14.37	152	361896	46.553	nq	98
49) Dimethylphthalate	14.10	163	310451	46.045	nq	98
50) 2,6-Dinitrotoluene	14.22	165	73738	53.706	nq	91
51) Acenaphthene	14.71	154	210911	43.553	nq	97
52) 3-Nitroaniline	14.56	138	40641	28.961	nq #	91
53) 2,4-Dinitrophenol	14.76	184	58295	82.354	nq #	70
54) Dibenzofuran	15.05	168	361196	46.898	nq	92
55) 4-Nitrophenol	14.87	139	90508	90.564	nq #	86
56) 2,4-Dinitrotoluene	15.01	165	109031	55.352	nq #	86
57) Fluorene	15.69	166	307528	47.641	nq	96
58) 2,3,4,6-Tetrachlorophenol	15.27	232	98765	54.210	nq	94
59) Diethylphthalate	15.46	149	323712	46.692	nq	98
60) 4-Chlorophenyl-phenylether	15.68	204	177763	46.854	nq	97
61) 4-Nitroaniline	15.72	138	70226	47.841	nq #	74
62) Azobenzene	15.97	77	322878	47.214	nq	94
64) 4,6-Dinitro-2-methylphenol	15.77	198	61116	48.654	nq	87
65) n-Nitrosodiphenylamine	15.90	169	280591	43.686	nq	99
66) 4-Bromophenyl-phenylether	16.58	248	122675	46.859	nq	97
67) Hexachlorobenzene	16.70	284	128773	47.764	nq	96
68) Atrazine	16.84	200	129205	48.858	nq	93
69) Pentachlorophenol	17.04	266	114606	69.791	nq	96
70) Phenanthrene	17.43	178	524353	46.569	nq	97
71) Anthracene	17.52	178	532084	47.458	nq	99
72) Carbazole	17.79	167	475559	44.664	nq	97
73) Di-n-butylphthalate	18.34	149	553519	43.992	nq #	99
74) Fluoranthene	19.44	202	698586	46.060	nq	96
76) Benzidine	19.62	184	209850	32.087	nq	98
77) Pyrene	19.80	202	698485	44.405	nq	99
79) Butylbenzylphthalate	20.68	149	258984	46.042	nq	96
80) Benzo(a)anthracene	21.64	228	710716	45.846	nq	99
81) 3,3'-Dichlorobenzidine	21.55	252	166875	30.872	nq	98
82) Chrysene	21.70	228	673979	46.916	nq	98
83) Bis(2-ethylhexyl)phthalate	21.53	149	358244	46.846	nq	99
84) Di-n-octyl phthalate	22.73	149	618857	48.332	nq #	92
85) Indeno(1,2,3-cd)pyrene	28.48	276	768097	48.294	nq #	60
87) Benzo(b)fluoranthene	23.83	252	688451	47.028	nq #	96
88) Benzo(k)fluoranthene	23.90	252	654050	45.700	nq #	97
89) Benzo(a)pyrene	24.70	252	659851	48.451	nq #	96
90) Dibenzo(a,h)anthracene	28.55	278	632117	47.277	nq #	97
91) Benzo(g,h,i)perylene	29.63	276	630982	48.227	nq #	94

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



#1

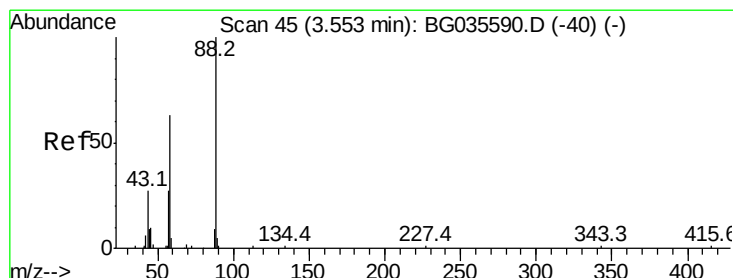
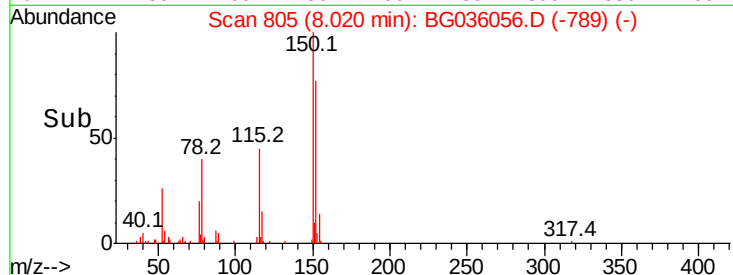
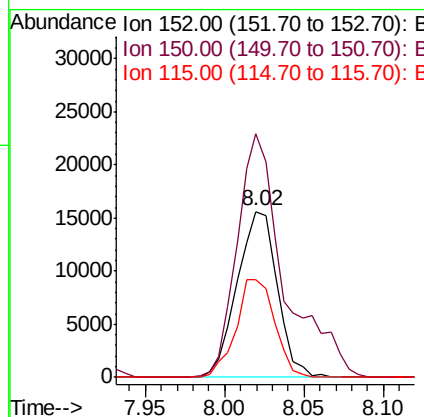
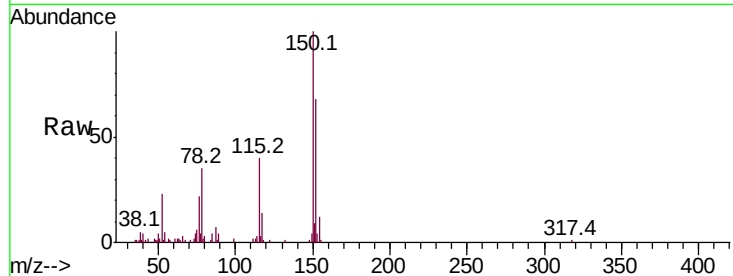
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 805
Delta R.T. -0.00 min
Lab File: BG036056.D
Acq: 2 Aug 2018 12:09

Instrument :
BNA_G
ClientSampleId :
PB111684BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.8	126.6	189.8
115	58.6	53.0	79.4

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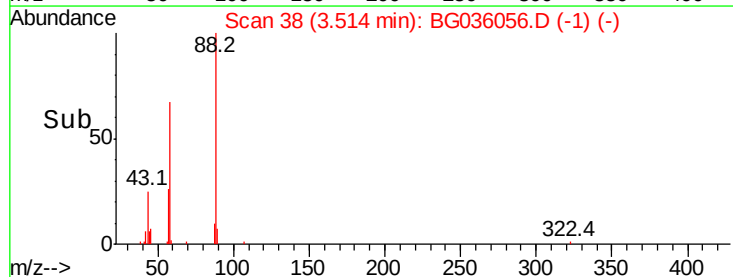
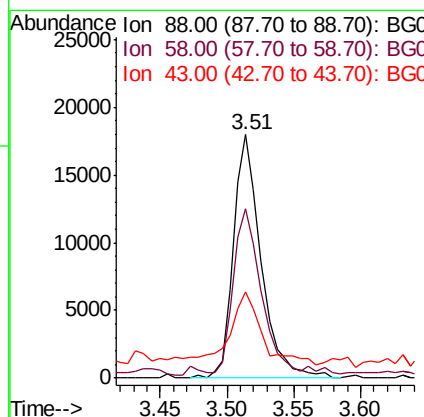
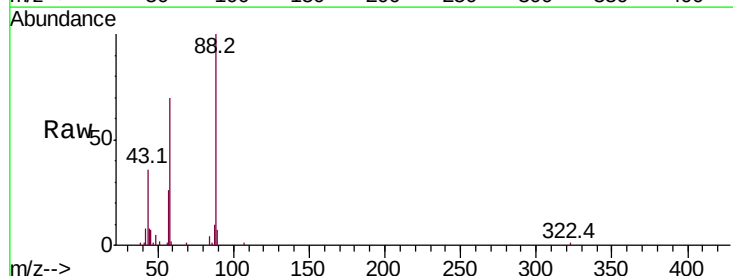
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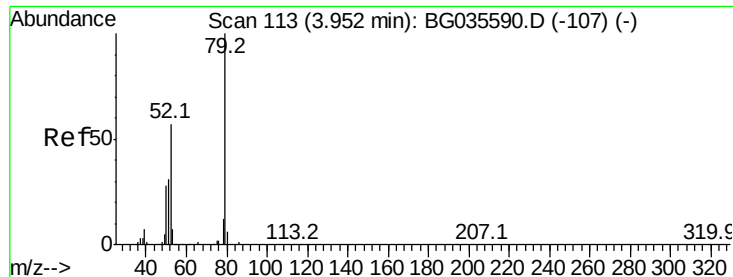


#2

1,4-Dioxane
Concen: 30.918 ng
RT: 3.51 min Scan# 38
Delta R.T. -0.01 min
Lab File: BG036056.D
Acq: 2 Aug 2018 12:09

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.0	79.6	119.4#
43	33.3	27.4	41.0





#3

Pvridine

Concen: 33.033 ng

RT: 3.91 min Scan# 105

Delta R.T. -0.01 min

Lab File: BG036056.D

Acq: 2 Aug 2018 12:09

Instrument :

BNA_G

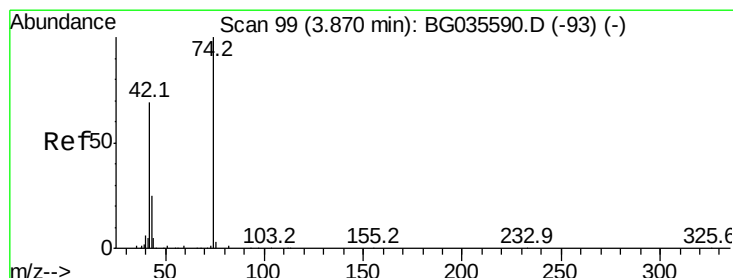
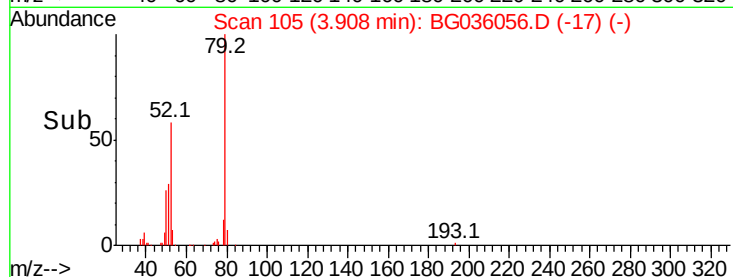
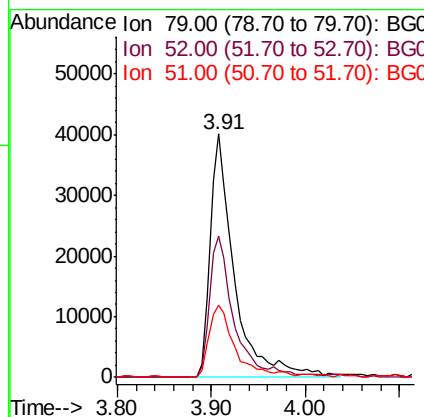
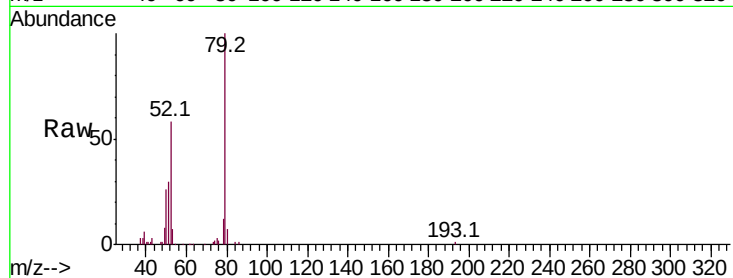
ClientSampleId :

PB111684BS

Tot Ion:	79	Resp:	72570
Ion Ratio	Lower	Upper	
79	100		
52	58.0	69.9	104.9#
51	29.6	34.0	51.0#

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#4

n-Nitrosodimethylamine

Concen: 34.228 ng

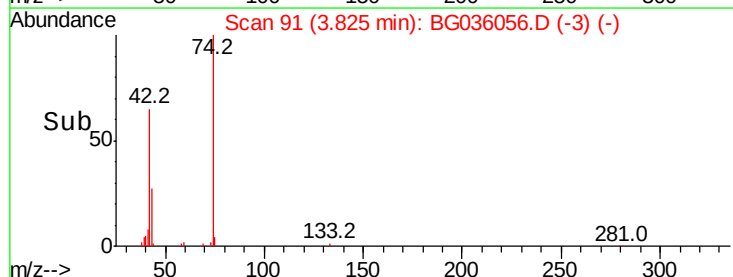
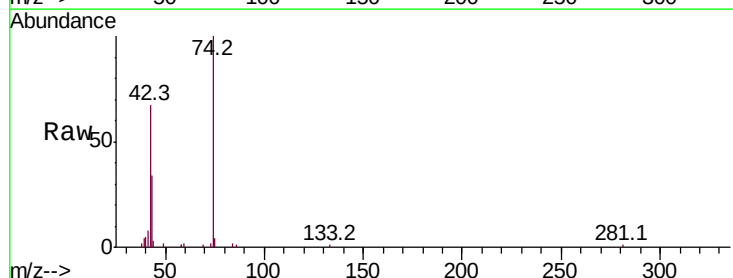
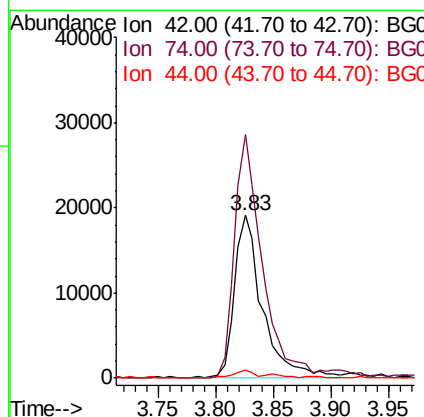
RT: 3.83 min Scan# 91

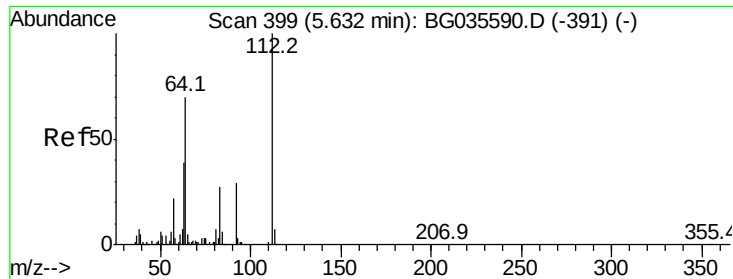
Delta R.T. -0.01 min

Lab File: BG036056.D

Acq: 2 Aug 2018 12:09

Tgt Ion:	42	Resp:	32287
Ion Ratio	Lower	Upper	
42	100		
74	149.8	102.5	153.7
44	4.8	18.9	28.3#





#5

2-Fluorophenol

Concen: 93.629 ng

RT: 5.61 min Scan# 394

Delta R.T. 0.00 min

Lab File: BG036056.D

Acq: 2 Aug 2018 12:09

Instrument :

BNA_G

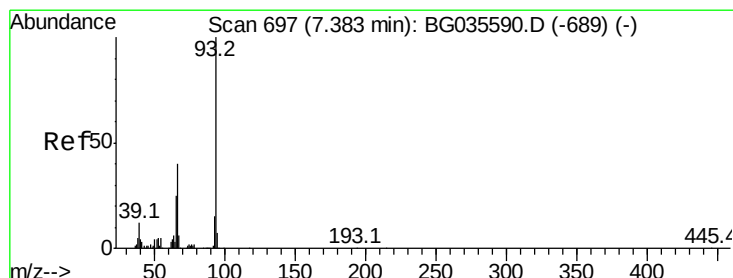
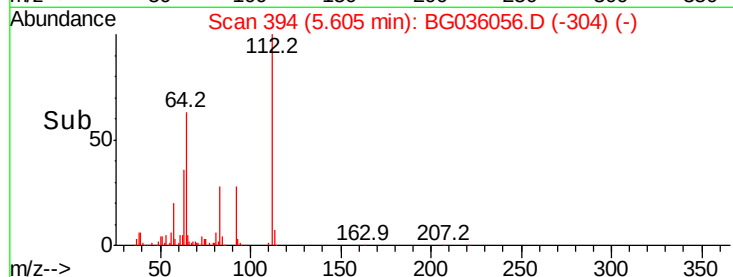
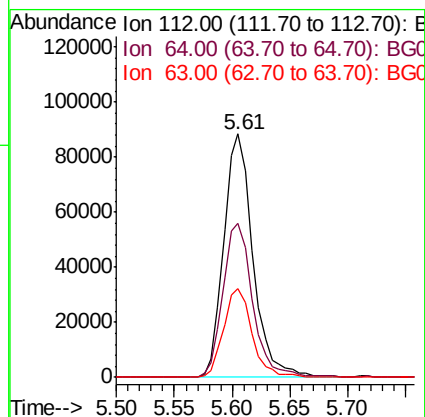
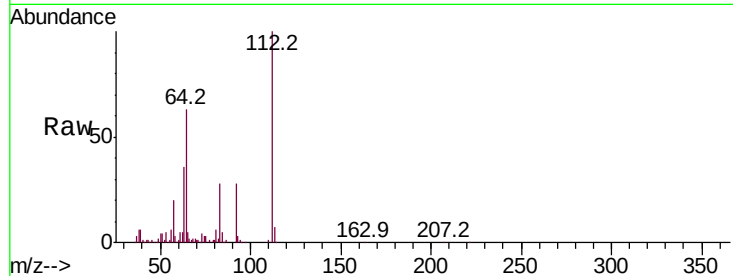
ClientSampleId :

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Tot Ion:	112	Resp:	154805
Ion Ratio	Lower	Upper	
112	100		
64	63.1	56.3	84.5
63	36.4	30.1	45.1

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#6

Aniline

Concen: 26.237 ng

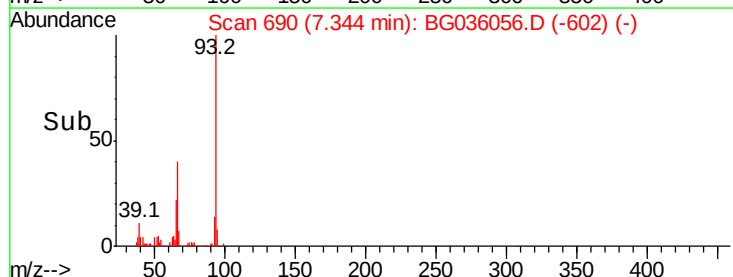
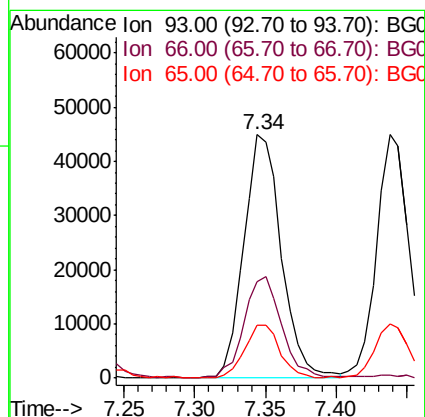
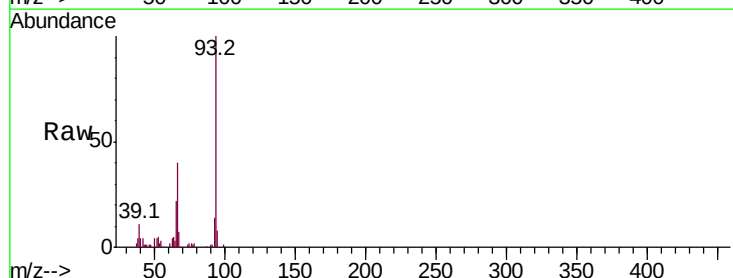
RT: 7.34 min Scan# 690

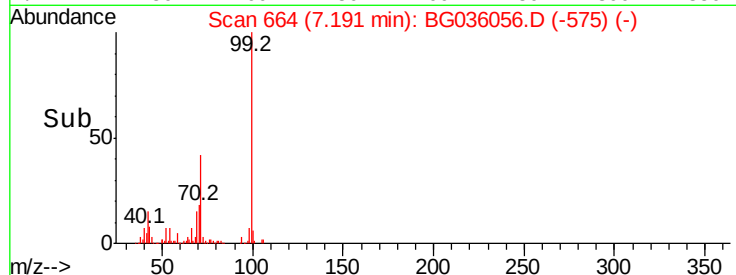
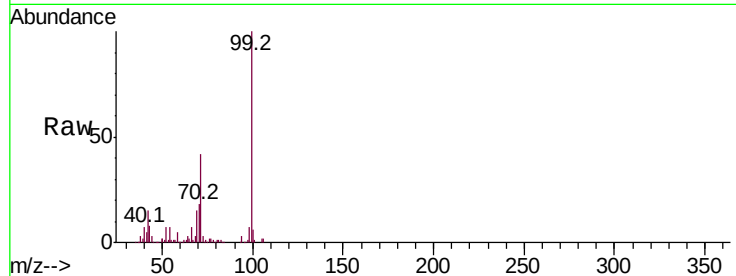
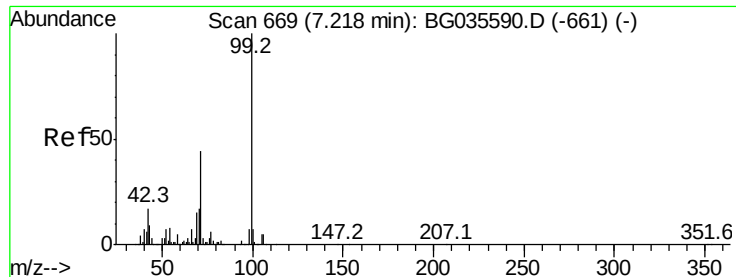
Delta R.T. -0.01 min

Lab File: BG036056.D

Acq: 2 Aug 2018 12:09

Tgt Ion:	93	Resp:	83888
Ion Ratio	Lower	Upper	
93	100		
66	39.6	33.7	50.5
65	21.8	16.1	24.1





#7

Phenol-d6

Concen: 92.781 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.00 min

Lab File: BG036056.D

Acq: 2 Aug 2018 12:09

Tot Ion	Ratio	Resp	Lower	Upper
99	100	228875		
42	15.2	14.1	21.1	
71	42.3	26.1	39.1	

Instrument :

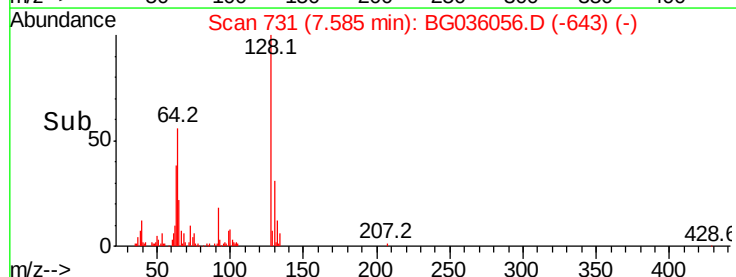
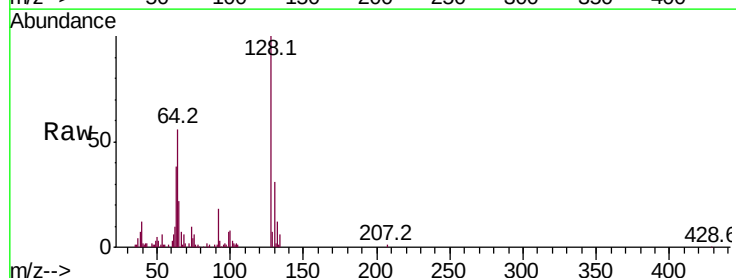
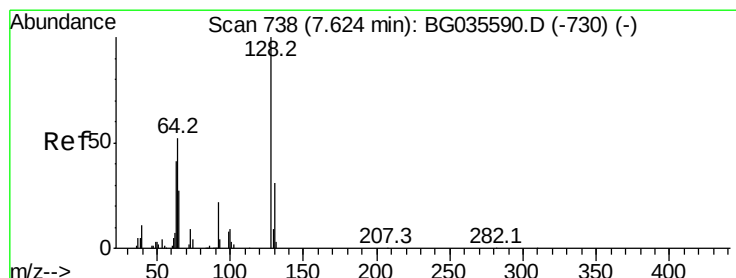
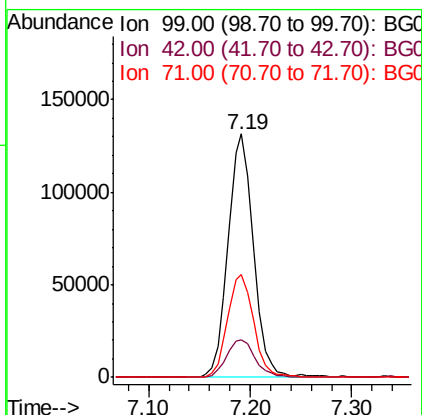
BNA_G

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#8

2-Chlorophenol

Concen: 43.125 ng

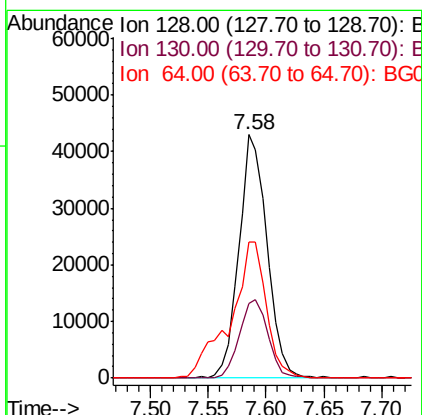
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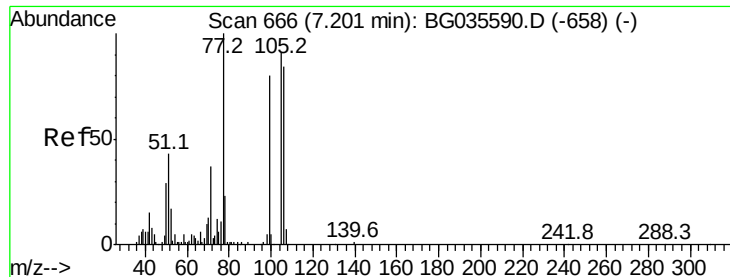
Delta R.T. -0.01 min

Lab File: BG036056.D

Acq: 2 Aug 2018 12:09

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	72518		
130	30.6	14.0	54.0	
64	55.9	37.7	77.7	





#9

Benzaldehyde

Concen: 27.092 ng

RT: 7.16 min Scan# 659

Delta R.T. -0.00 min

Lab File: BG036056.D

Acq: 2 Aug 2018 12:09

Instrument :

BNA_G

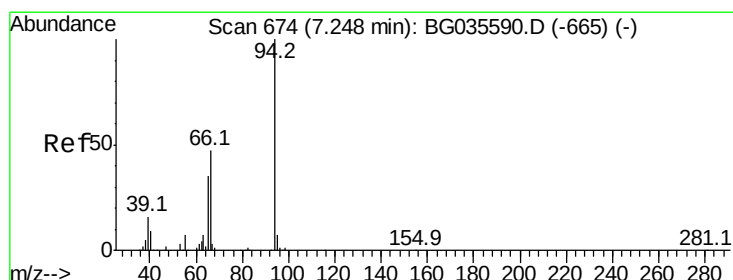
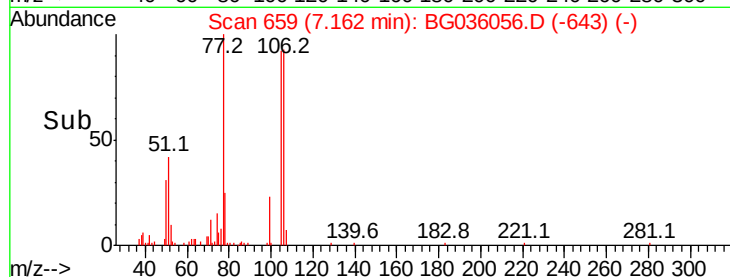
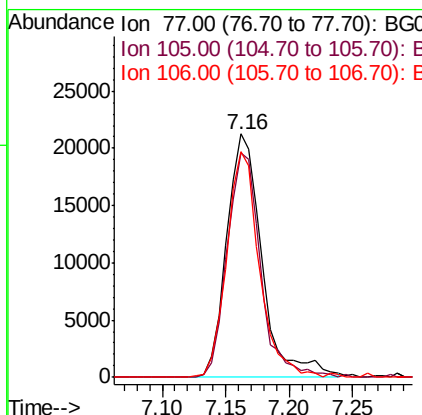
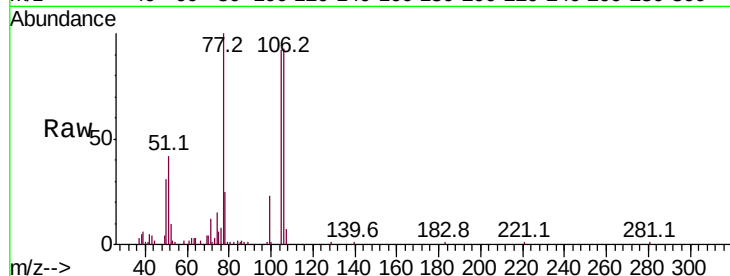
ClientSampled :

PB111684BS

Tot Ion:	77	Resp:	41007
Ion	Ratio	Lower	Upper
77	100		
105	91.9	71.3	111.3
106	92.7	64.2	104.2

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#10

Phenol

Concen: 45.046 ng

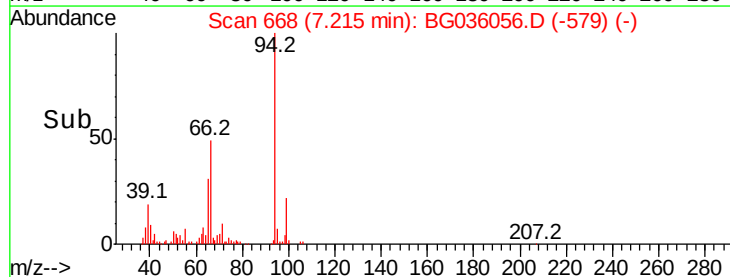
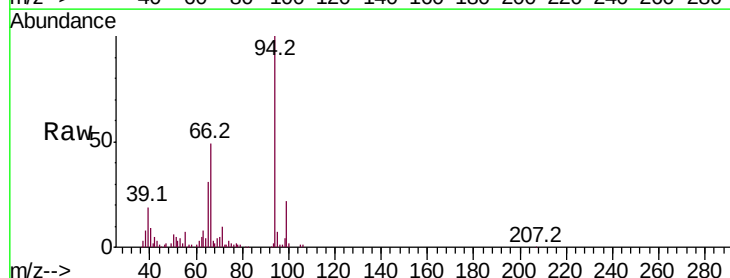
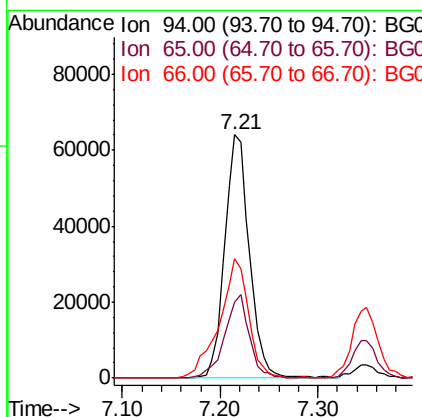
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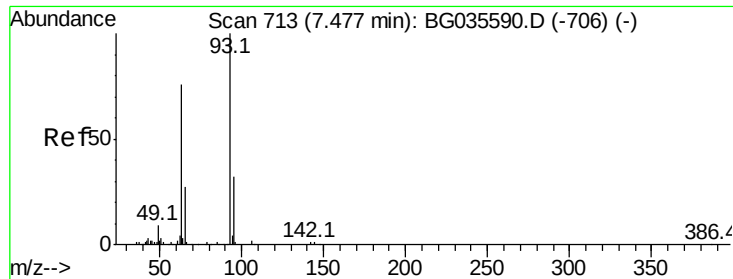
Delta R.T. -0.00 min

Lab File: BG036056.D

Acq: 2 Aug 2018 12:09

Tgt Ion:	94	Resp:	112265
Ion	Ratio	Lower	Upper
94	100		
65	31.3	11.9	51.9
66	48.9	22.2	62.2





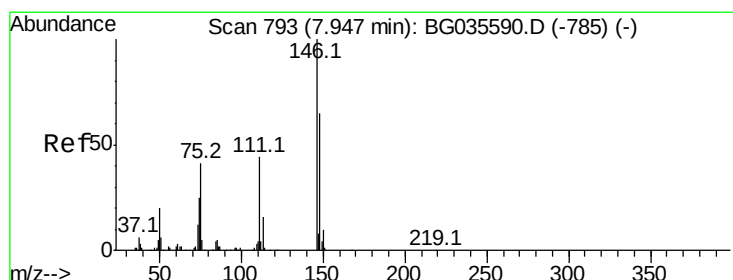
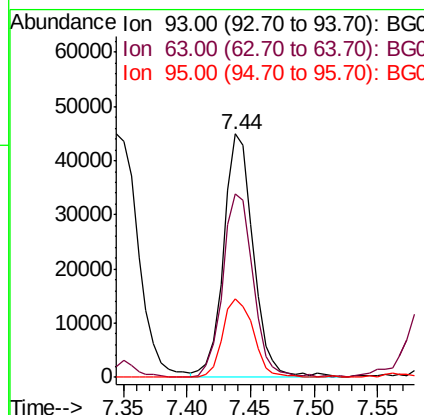
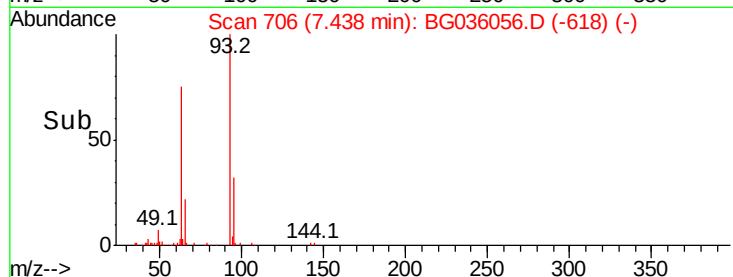
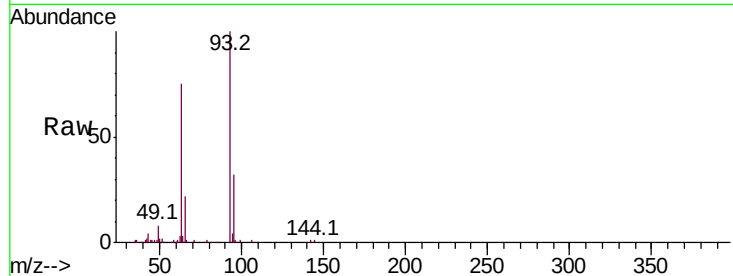
#11
bis(2-Chloroethyl)ether
Concen: 37.481 ng
RT: 7.44 min Scan# 706
Delta R.T. -0.01 min
Lab File: BG036056.D
Acq: 2 Aug 2018 12:09

Instrument :
BNA_G
ClientSampleId :
PB111684BS

Tot Ion:	93	Resp:	73155
Ion	Ratio	Lower	Upper
93	100		
63	75.4	67.1	107.1
95	32.1	11.5	51.5

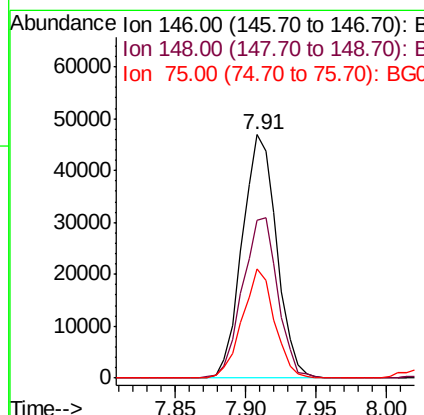
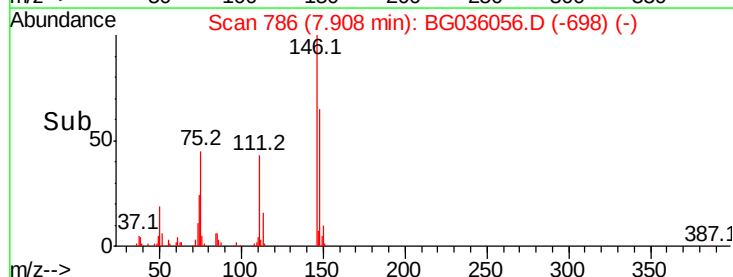
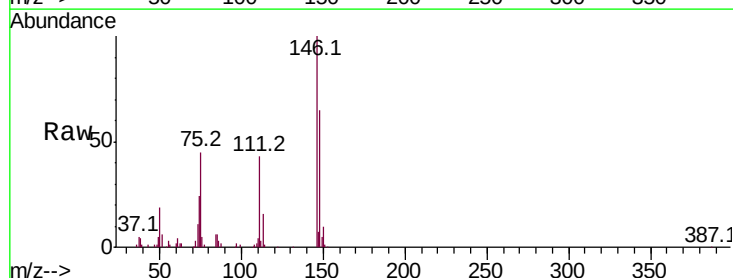
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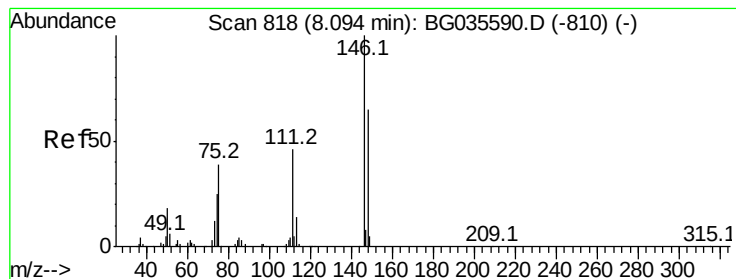
Sohil
8/3/2018 12:58:26 PM



#12
1,3-Dichlorobenzene
Concen: 39.401 ng
RT: 7.91 min Scan# 786
Delta R.T. -0.01 min
Lab File: BG036056.D
Acq: 2 Aug 2018 12:09

Tgt Ion:	146	Resp:	80010
Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.4	77.2
75	44.8	26.6	39.8#





#13

1,4-Dichlorobenzene

Concen: 39.782 ng

RT: 8.05 min Scan# 811

Delta R.T. -0.01 min

Lab File: BG036056.D

Acq: 2 Aug 2018 12:09

Instrument :

BNA_G

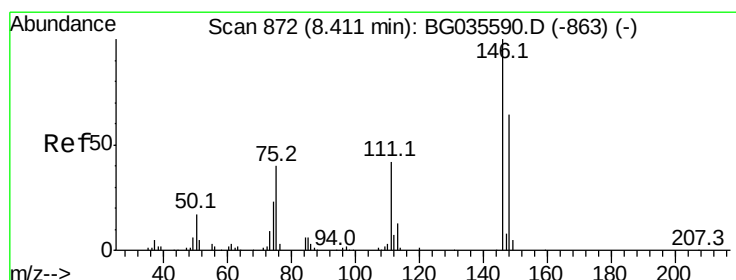
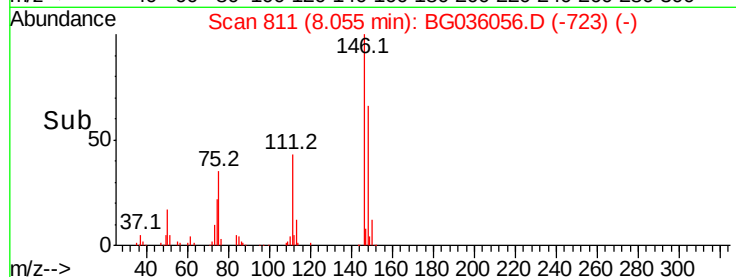
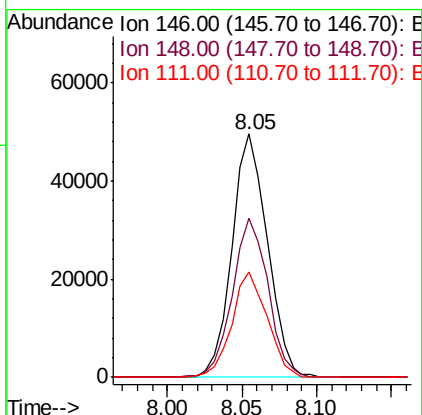
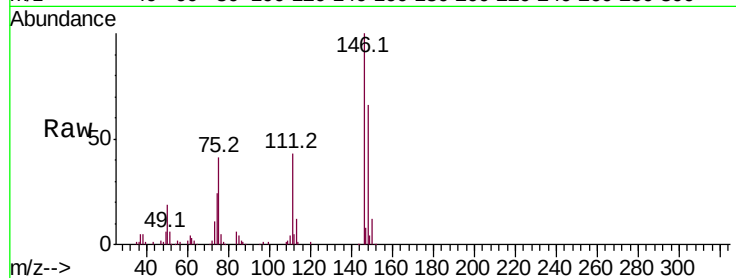
ClientSampleId :

PB111684BS

Tot Ion:	146	Resp:	82080
Ion Ratio	Lower	Upper	
146	100		
148	65.5	53.7	80.5
111	43.3	35.2	52.8

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#14

1,2-Dichlorobenzene

Concen: 41.279 ng

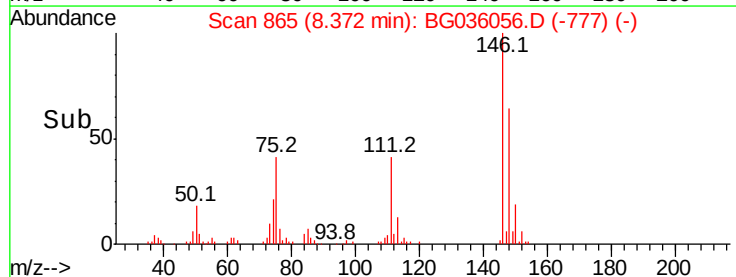
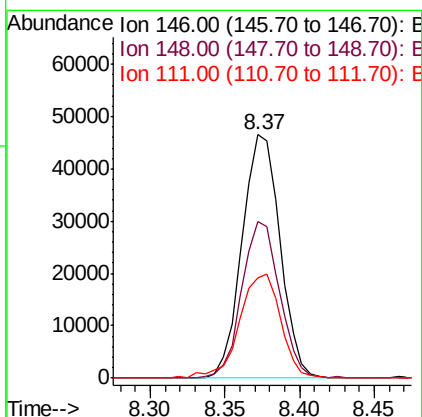
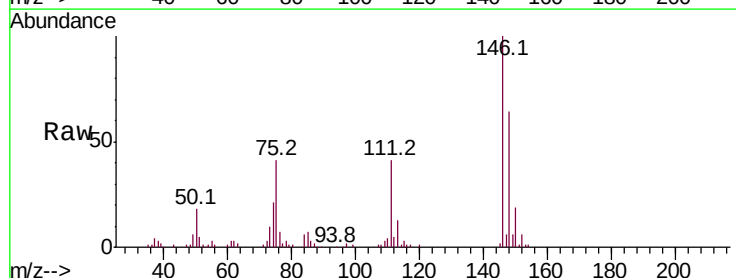
RT: 8.37 min Scan# 865

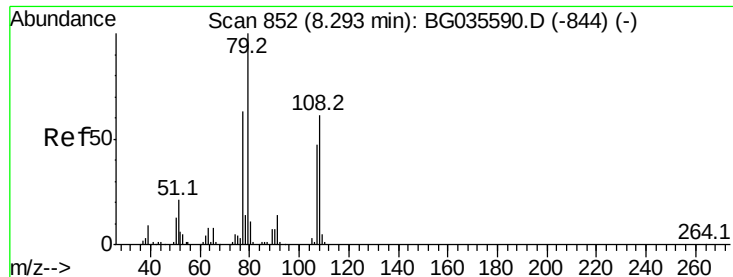
Delta R.T. -0.01 min

Lab File: BG036056.D

Acq: 2 Aug 2018 12:09

Tgt Ion:	146	Resp:	81818
Ion Ratio	Lower	Upper	
146	100		
148	64.3	49.3	73.9
111	41.3	34.3	51.5





#15

Benzyl Alcohol

Concen: 38.161 ng

RT: 8.26 min Scan# 846

Delta R.T. -0.00 min

Lab File: BG036056.D

Acq: 2 Aug 2018 12:09

Instrument :

BNA_G

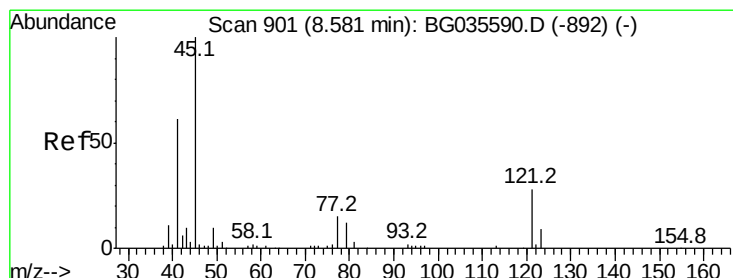
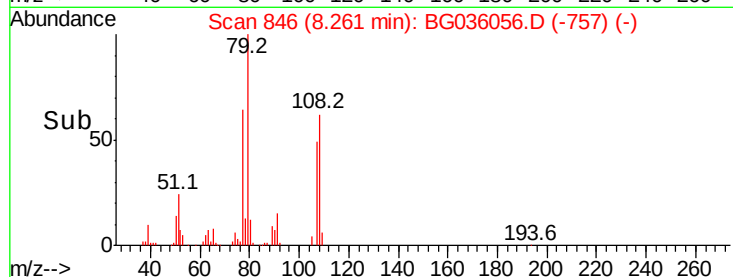
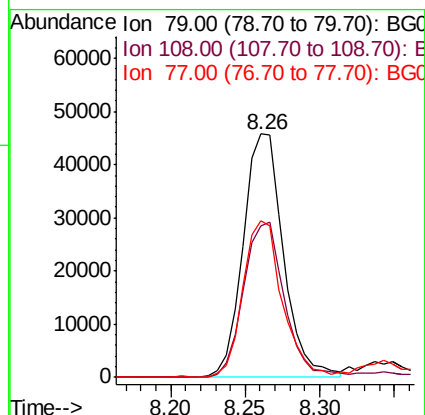
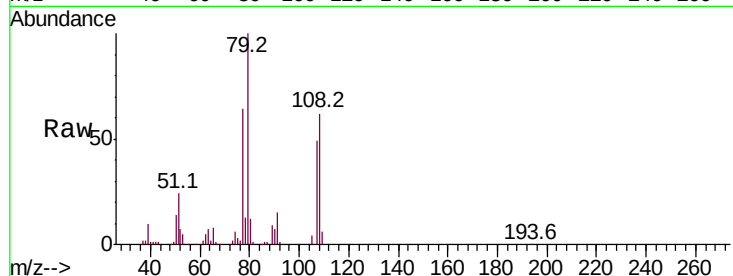
ClientSampleId :

PB111684BS

Tot Ion:	79	Resp:	85484
Ion Ratio	Lower	Upper	
79	100		
108	62.4	57.2	85.8
77	64.4	46.1	69.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 49.584 ng

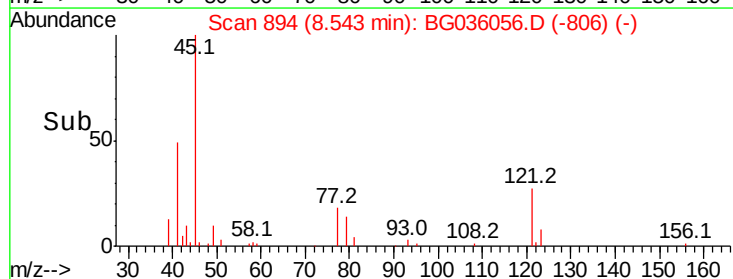
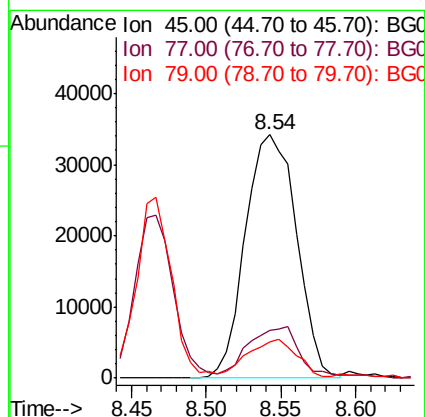
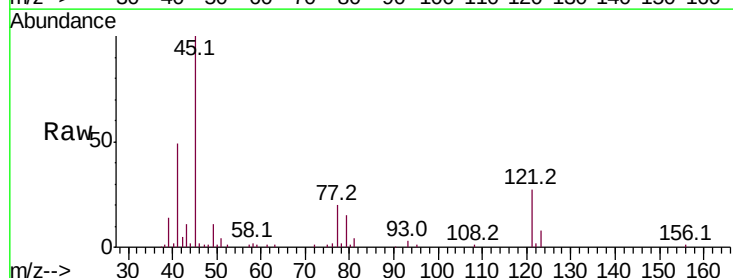
RT: 8.54 min Scan# 894

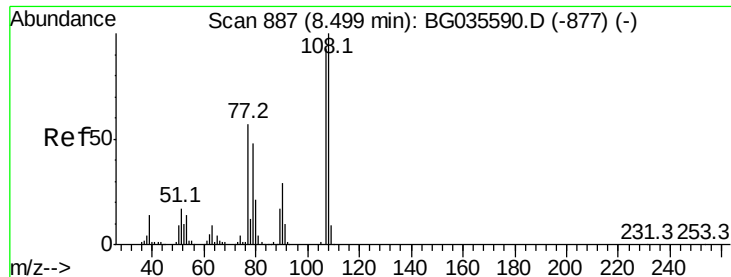
Delta R.T. -0.01 min

Lab File: BG036056.D

Acq: 2 Aug 2018 12:09

Tgt Ion:	45	Resp:	81135
Ion Ratio	Lower	Upper	
45	100		
77	19.9	0.0	30.2
79	14.7	0.0	27.9





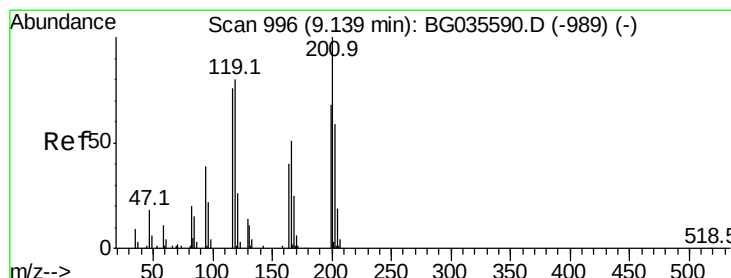
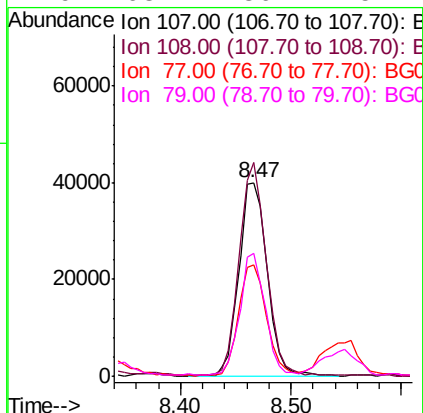
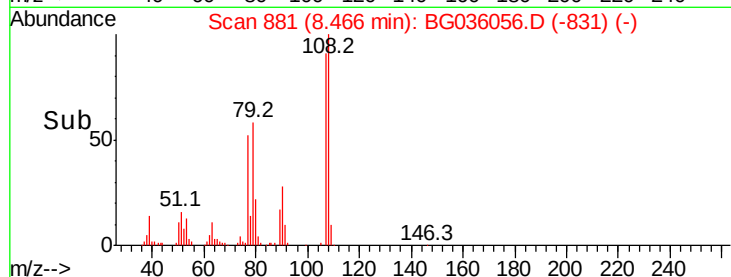
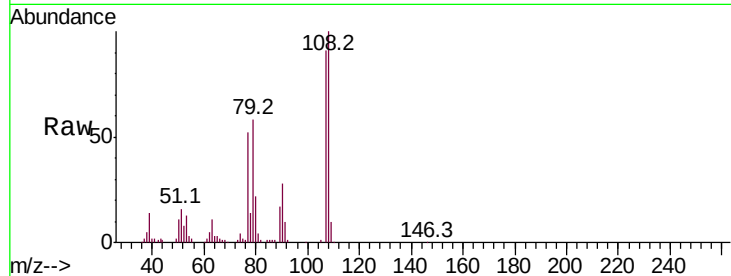
#17
2-Methylphenol
Concen: 42.810 ng
RT: 8.47 min Scan# 881
Delta R.T. -0.00 min
Lab File: BG036056.D
Acq: 2 Aug 2018 12:09

Instrument :
BNA_G
ClientSampleId :
PB111684BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.1	83.9	125.9	
77	57.2	37.2	55.8#	
79	63.4	36.2	54.2#	

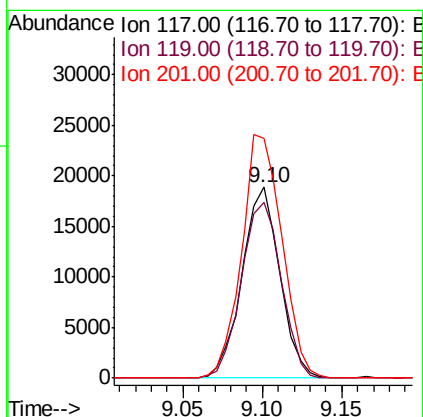
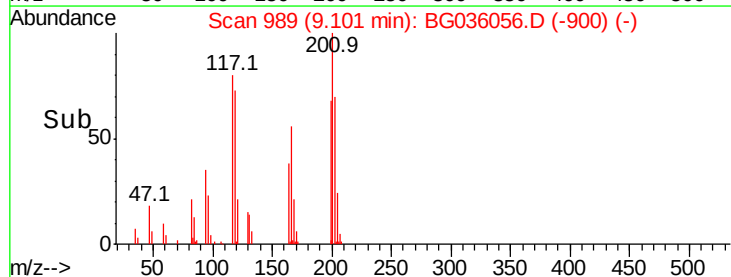
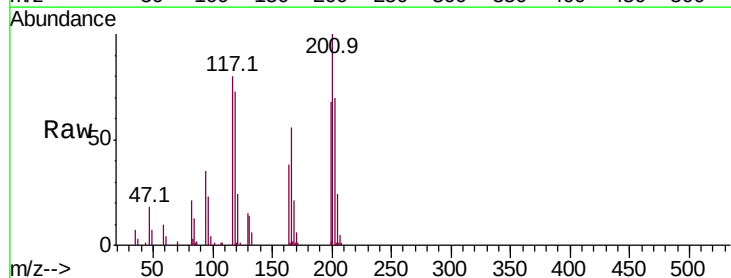
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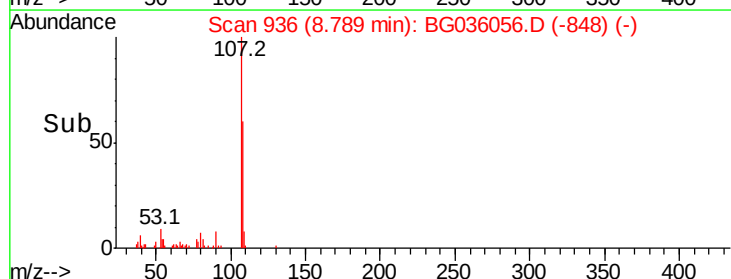
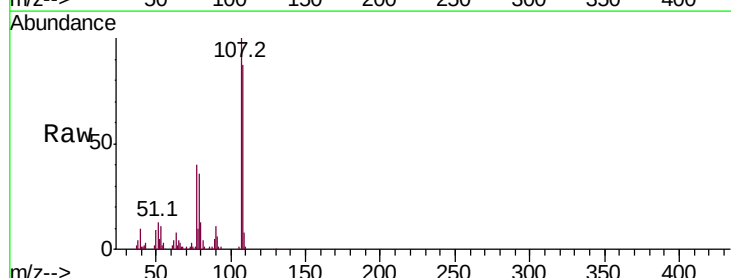
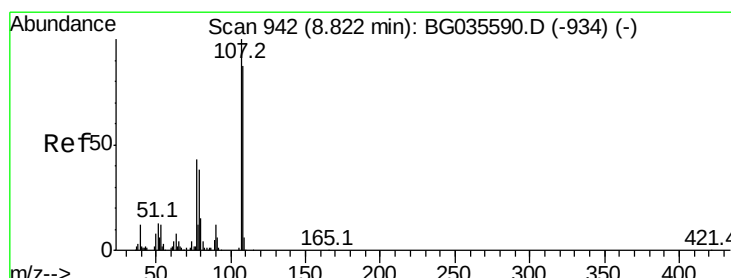
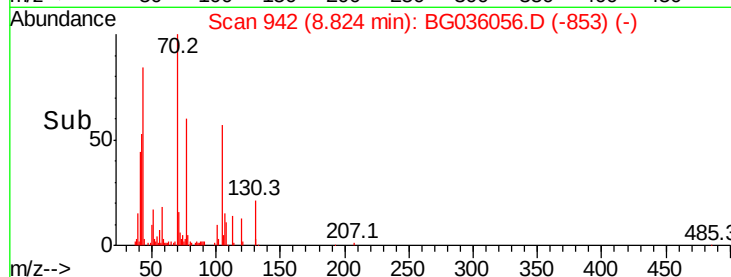
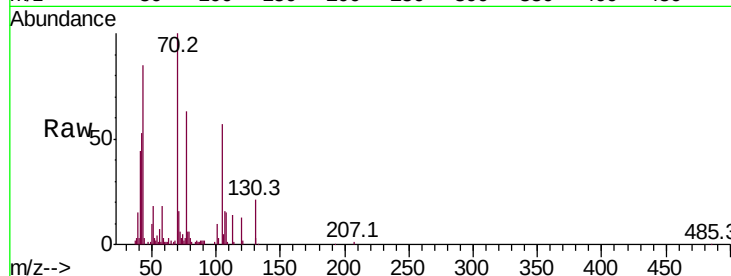
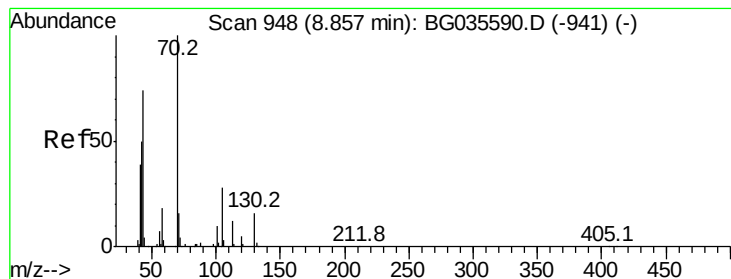
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#18
Hexachloroethane
Concen: 39.651 ng
RT: 9.10 min Scan# 989
Delta R.T. -0.00 min
Lab File: BG036056.D
Acq: 2 Aug 2018 12:09

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	91.9	76.7	115.1	
201	125.7	95.7	143.5	





#19

n-Nitroso-di-n-propylamine

Concen: 31.775 ng

RT: 8.82 min Scan# 942

Delta R.T. -0.00 min

Lab File: BG036056.D

Acq: 2 Aug 2018 12:09

Tot Ion	Ratio	Lower	Upper
70	100		
42	52.7	49.1	73.7
101	9.9	8.5	12.7
130	20.9	13.4	20.0#

Instrument :

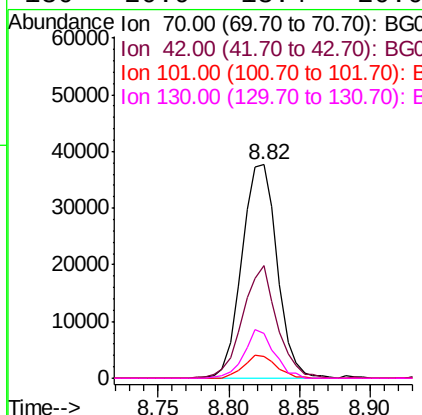
BNA_G

ClientSampleId :

PB111684BS

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#20

3+4-Methylphenols

Concen: 41.598 ng

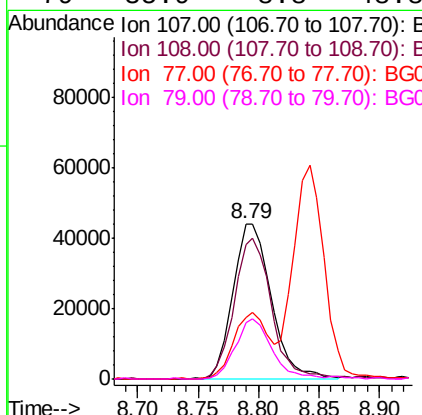
RT: 8.79 min Scan# 936

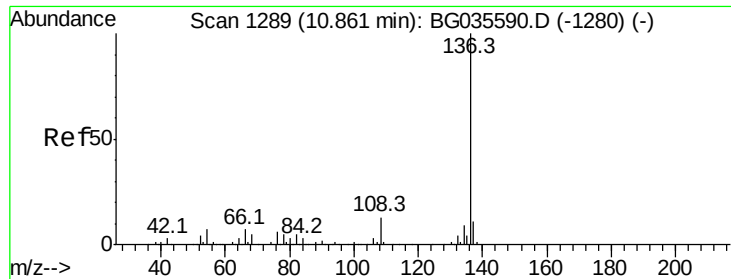
Delta R.T. -0.01 min

Lab File: BG036056.D

Acq: 2 Aug 2018 12:09

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.6	61.6	101.6
77	39.9	13.9	53.9
79	35.9	8.8	48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BG036056.D

Acq: 2 Aug 2018 12:09

Instrument :

BNA_G

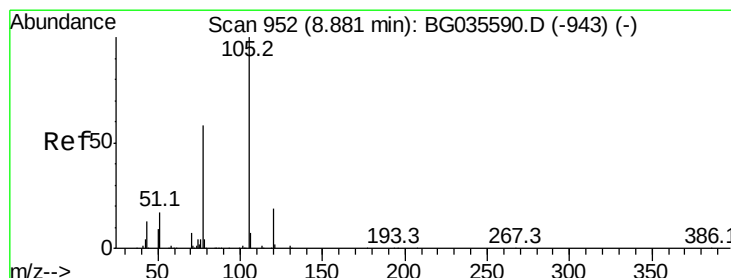
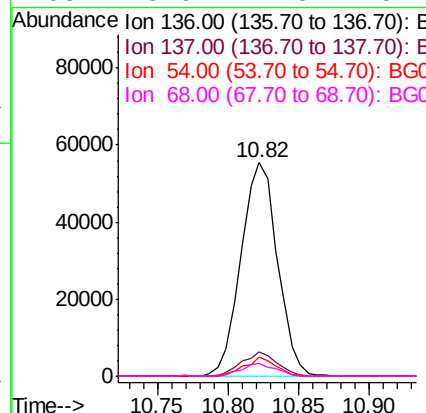
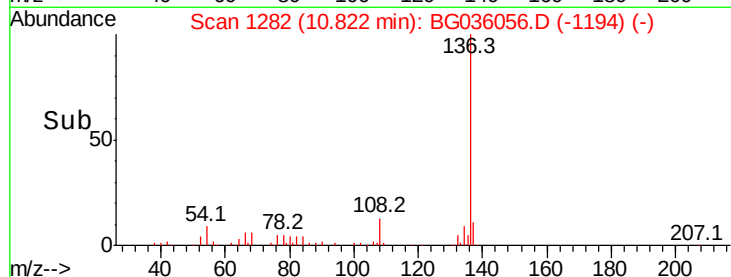
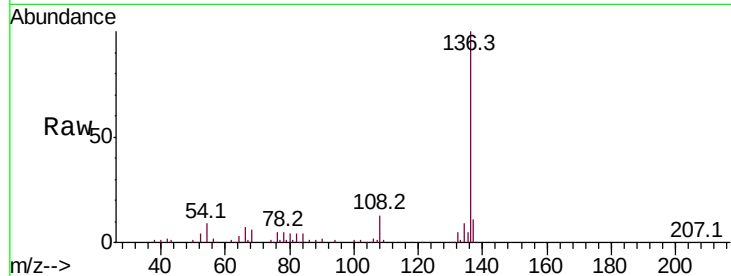
ClientSampleId :

PB111684BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.3	9.2	13.8	
54	8.8	10.3	15.5	
68	5.9	4.5	6.7	

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#22

Acetophenone

Concen: 40.112 ng

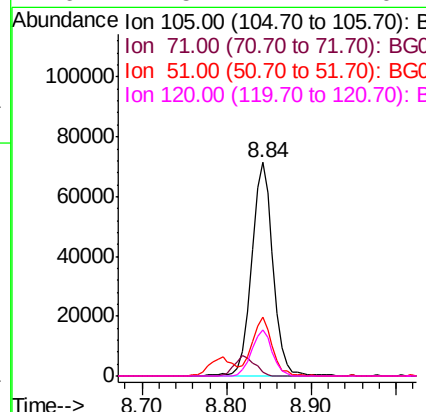
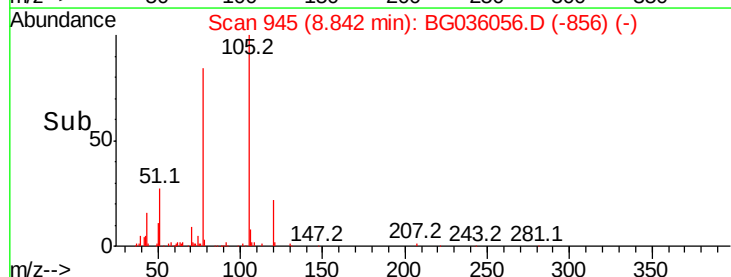
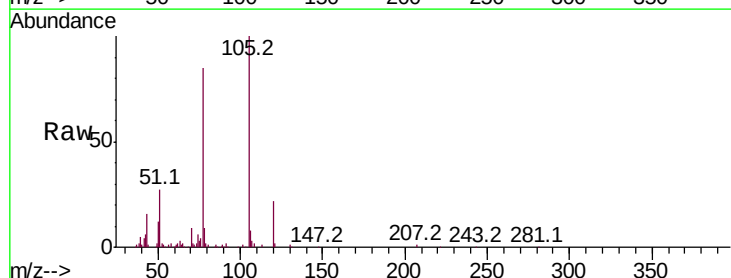
RT: 8.84 min Scan# 945

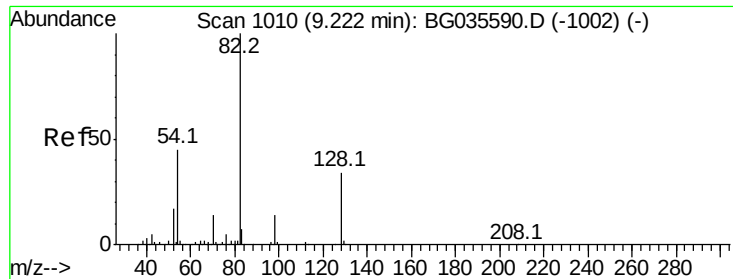
Delta R.T. -0.00 min

Lab File: BG036056.D

Acq: 2 Aug 2018 12:09

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.8	3.0	4.4	
51	27.5	26.1	39.1	
120	21.5	17.4	26.2	





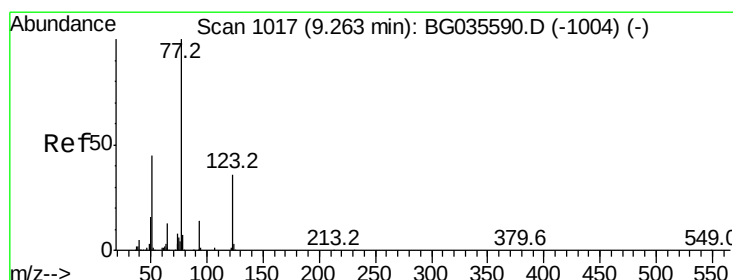
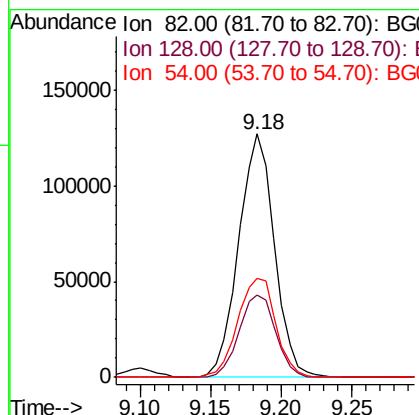
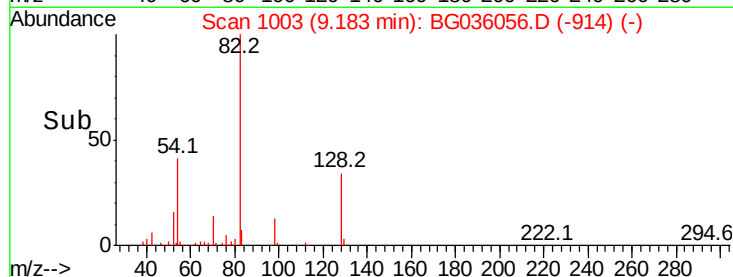
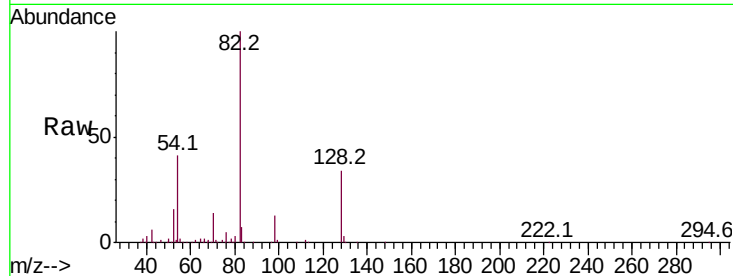
#23
Nitrobenzene-d5
Concen: 93.716 ng
RT: 9.18 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BG036056.D
Acq: 2 Aug 2018 12:09

Instrument :
BNA_G
ClientSampleId :
PB111684BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	33.6	29.7	44.5	
54	40.6	43.1	64.7	

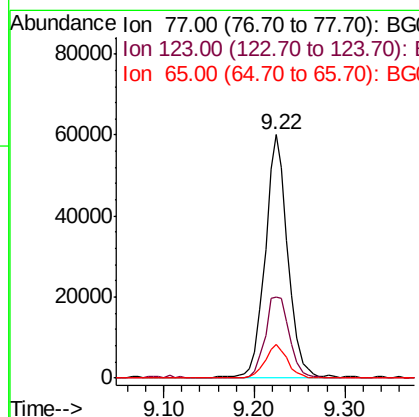
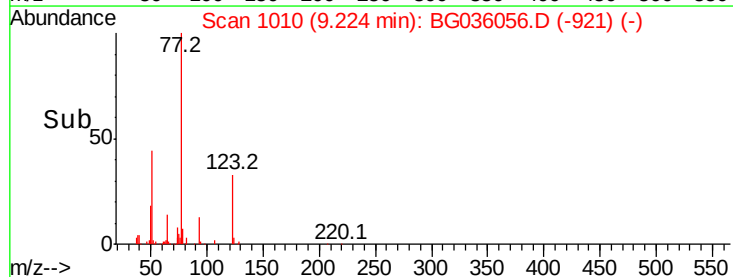
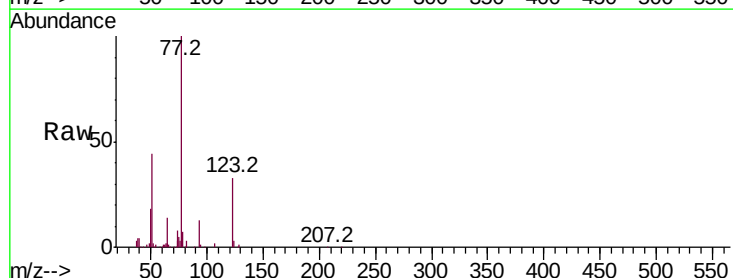
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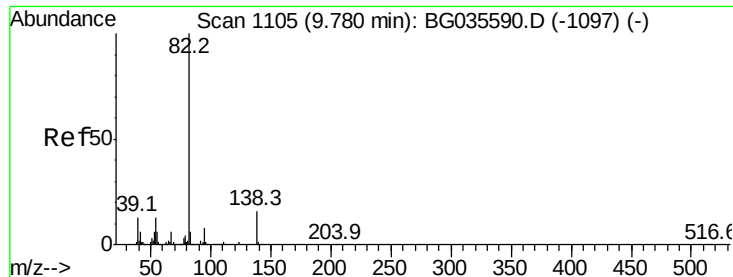
Sohil
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#24
Nitrobenzene
Concen: 43.453 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BG036056.D
Acq: 2 Aug 2018 12:09

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	33.1	33.0	49.6	
65	14.1	13.0	19.6	





#25

Isophorone

Concen: 44.368 ng

RT: 9.74 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BG036056.D

Acq: 2 Aug 2018 12:09

Instrument :

BNA_G

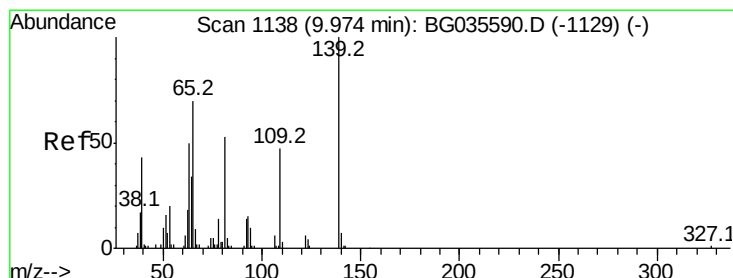
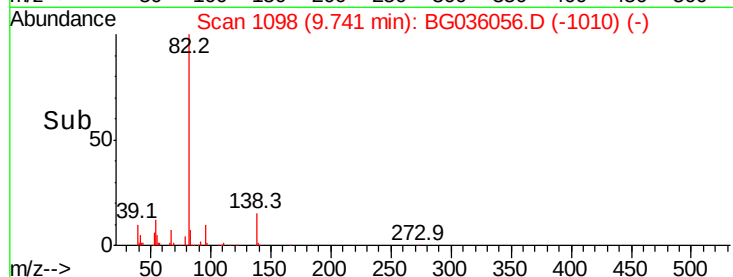
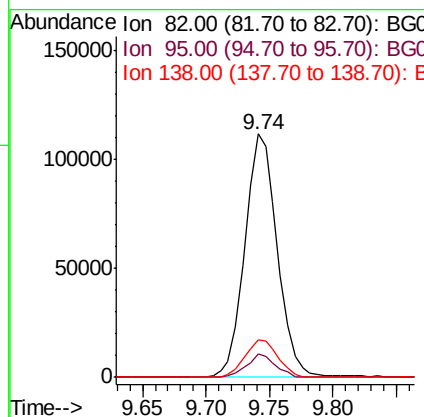
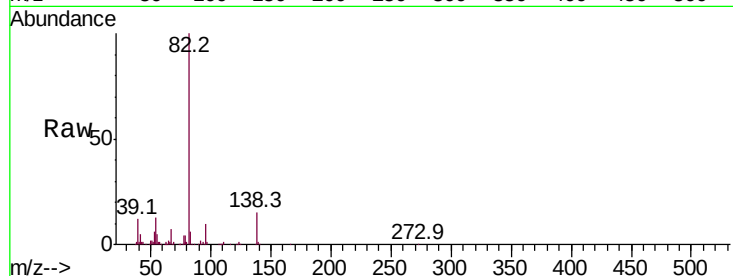
ClientSampleId :

PB111684BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	9.6	6.2	9.2#	
138	15.2	12.1	18.1	

Manual Integrations
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#26

2-Nitrophenol

Concen: 49.394 ng

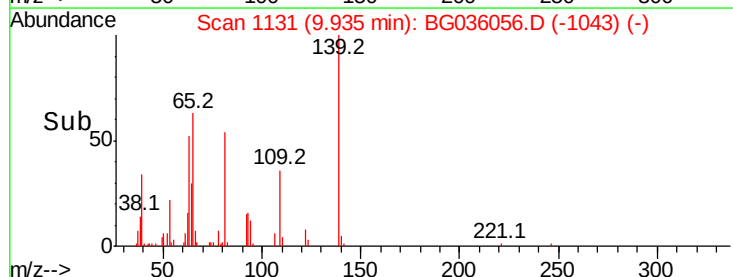
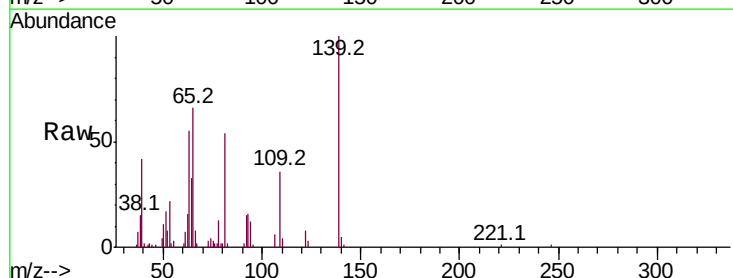
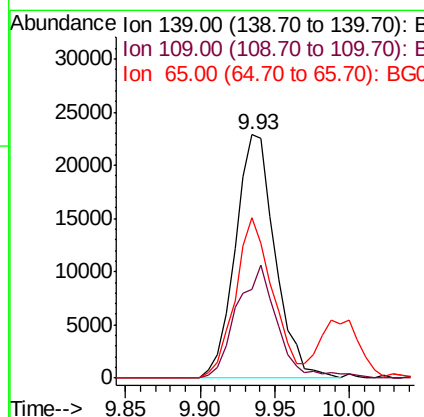
RT: 9.93 min Scan# 1131

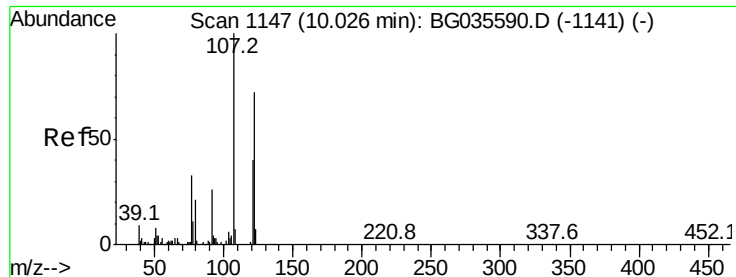
Delta R.T. -0.01 min

Lab File: BG036056.D

Acq: 2 Aug 2018 12:09

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	36.4	24.2	36.2#	
65	65.8	47.4	71.0	





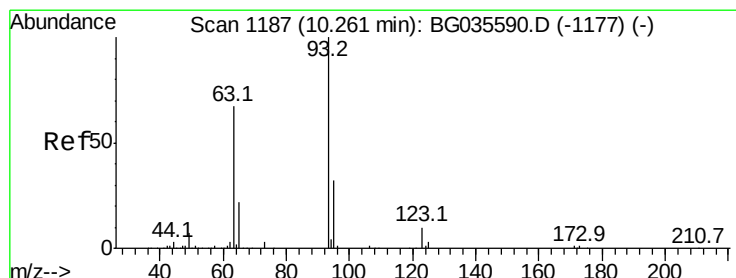
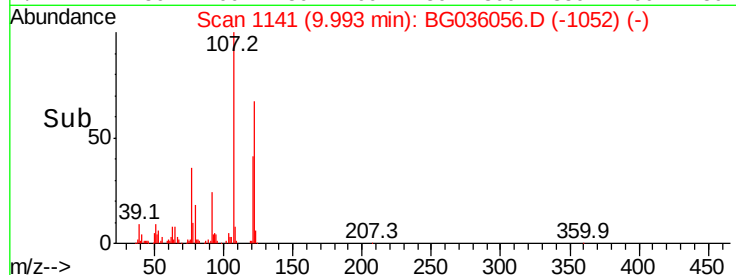
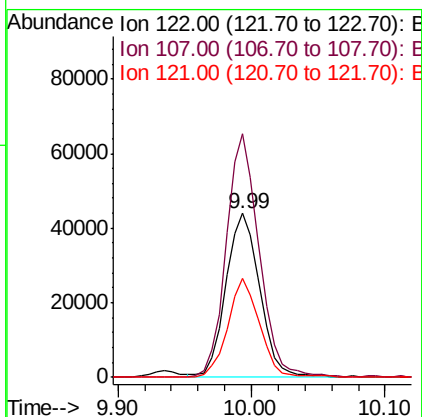
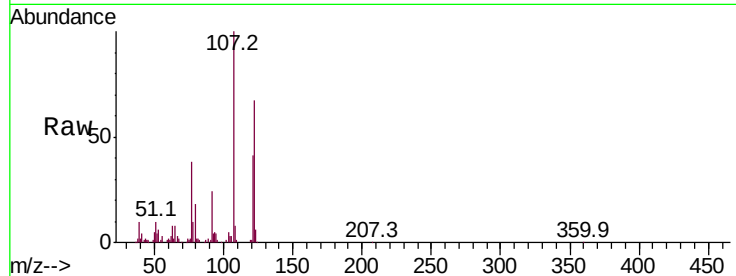
#27
2,4-Dimethylphenol
Concen: 53.799 ng
RT: 9.99 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BG036056.D
Acq: 2 Aug 2018 12:09

Instrument :
BNA_G
ClientSampleId :
PB111684BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	148.6	100.2	150.2
121	60.3	44.4	66.6

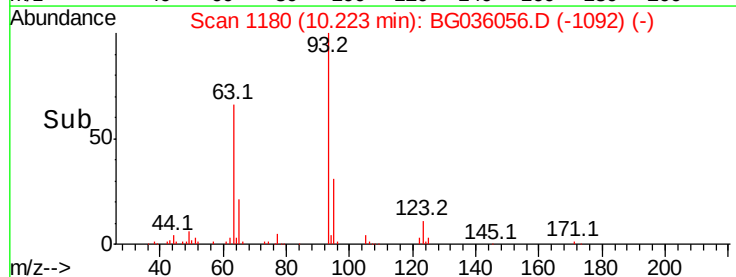
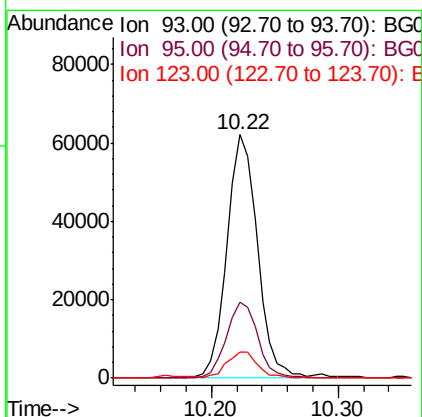
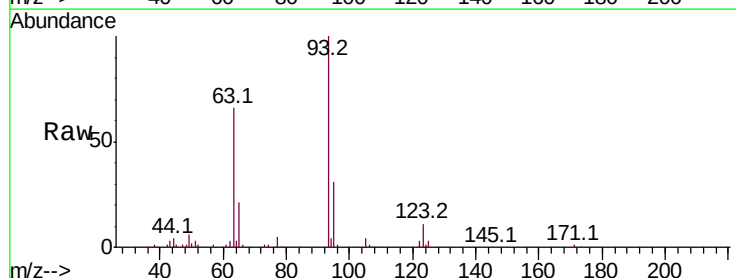
Manual Integrations
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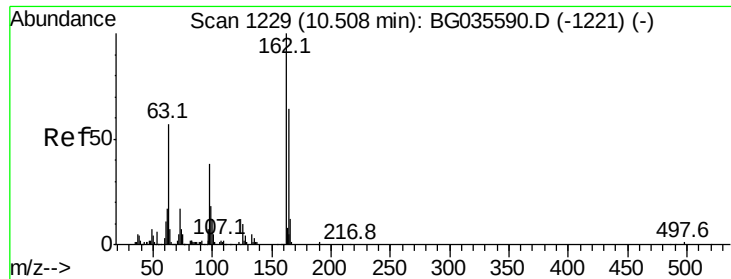
Sohil
8/3/2018 12:58:26 PM



#28
bis(2-Chloroethoxy)methane
Concen: 42.195 ng
RT: 10.22 min Scan# 1180
Delta R.T. -0.01 min
Lab File: BG036056.D
Acq: 2 Aug 2018 12:09

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.2	24.3	36.5
123	10.7	8.4	12.6





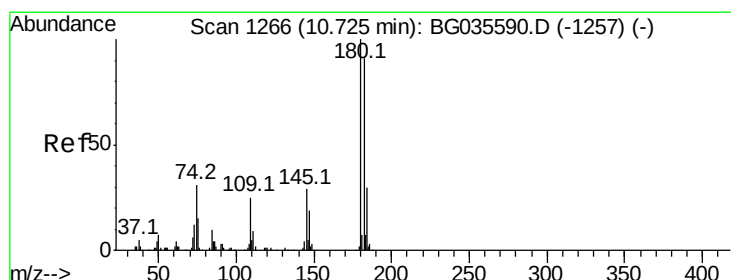
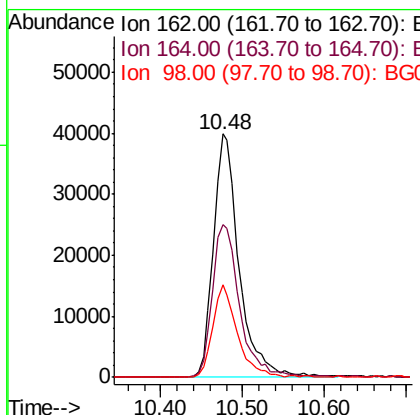
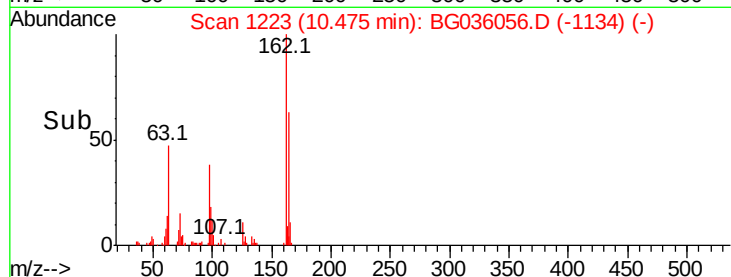
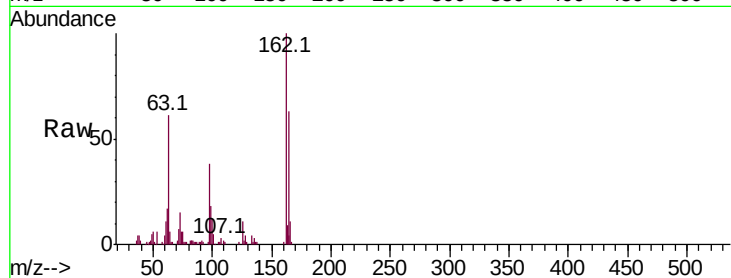
#29
2,4-Dichlorophenol
Concen: 52.679 ng
RT: 10.48 min Scan# 1223
Delta R.T. -0.00 min
Lab File: BG036056.D
Acq: 2 Aug 2018 12:09

Instrument :
BNA_G
ClientSampleId :
PB111684BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	87331		
164	62.7	48.0	88.0	
98	38.1	21.1	61.1	

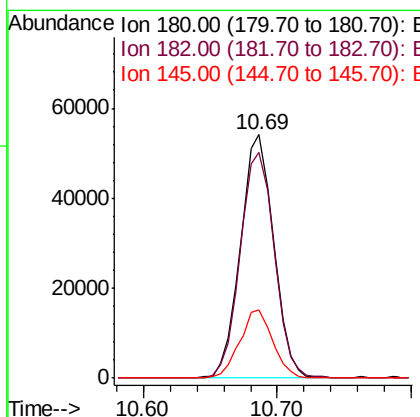
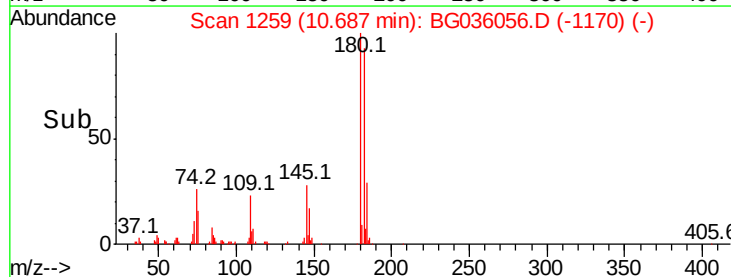
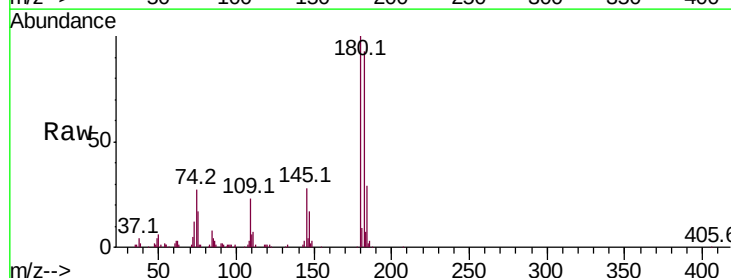
Manual Integrations
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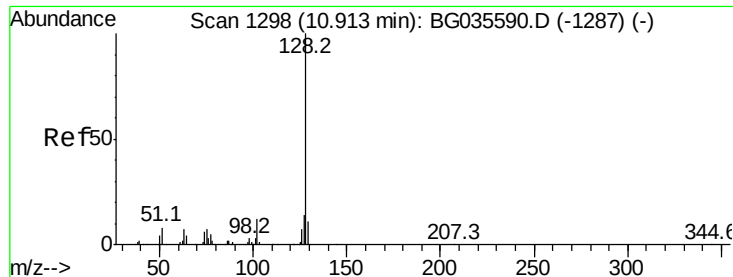
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 45.770 ng
RT: 10.69 min Scan# 1259
Delta R.T. -0.00 min
Lab File: BG036056.D
Acq: 2 Aug 2018 12:09

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	93043		
182	92.9	77.5	116.3	
145	27.8	23.4	35.2	





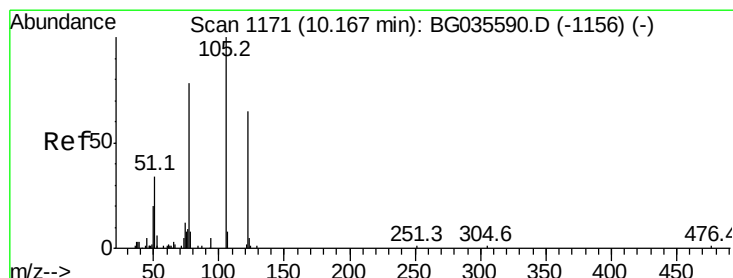
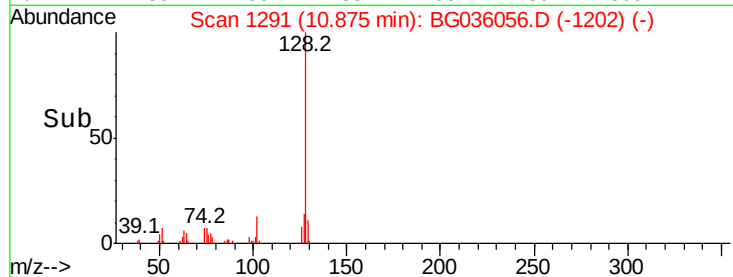
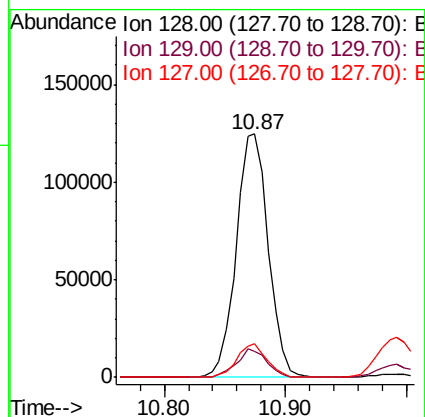
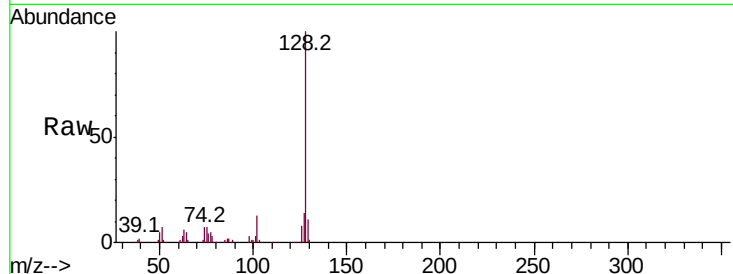
#31
Naphthalene
Concen: 44.072 ng
RT: 10.87 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BG036056.D
Acq: 2 Aug 2018 12:09

Instrument :
BNA_G
ClientSampleId :
PB111684BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	10.8	8.6	12.8	
127	14.0	11.6	17.4	

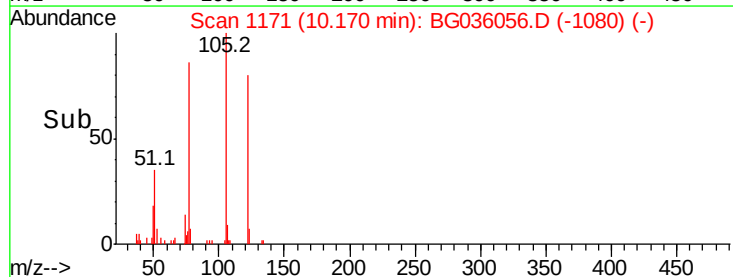
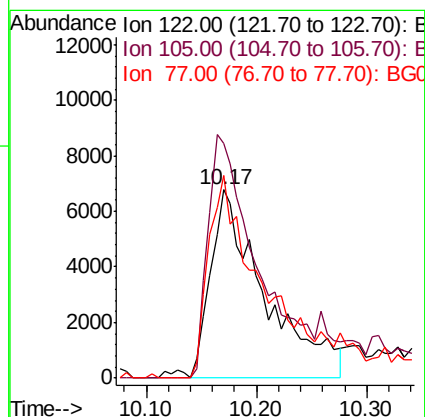
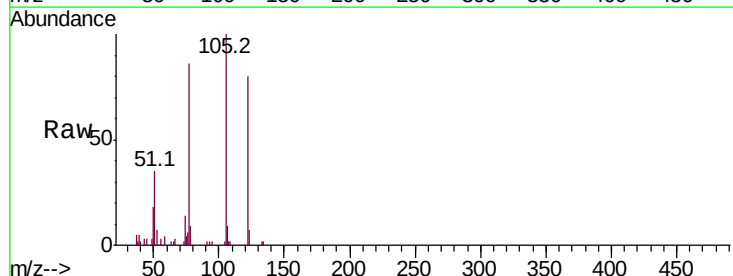
Manual Integrations
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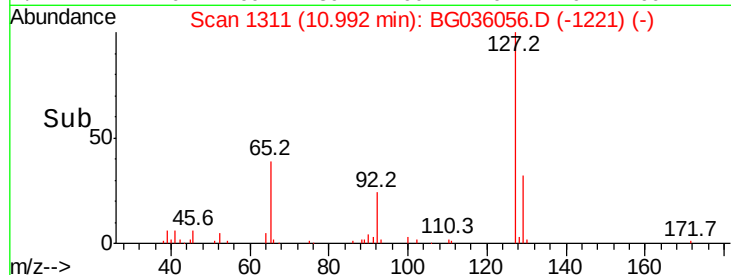
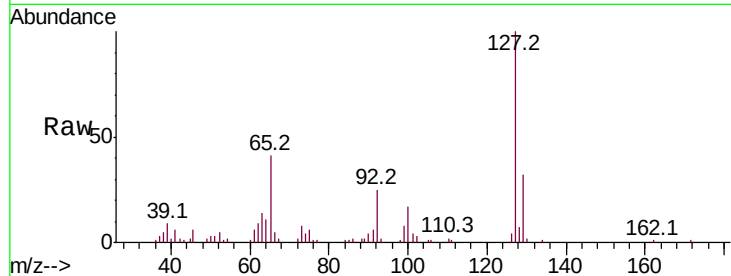
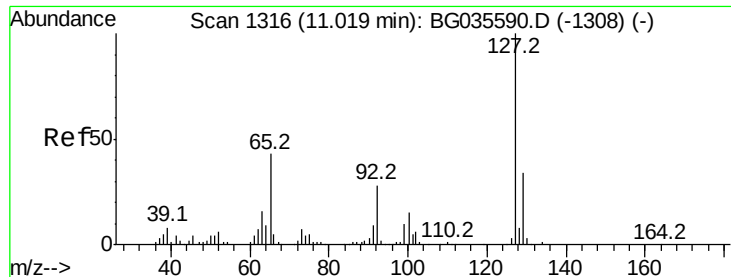
Sohil
8/3/2018 12:58:26 PM



#32
Benzoic acid
Concen: 23.457 ng
RT: 10.17 min Scan# 1171
Delta R.T. 0.01 min
Lab File: BG036056.D
Acq: 2 Aug 2018 12:09

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	124.8	123.5	163.5	
77	107.9	85.7	125.7	





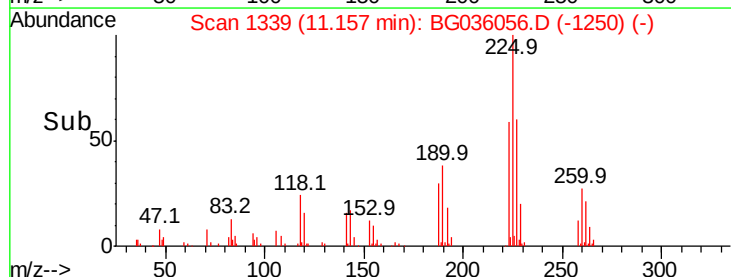
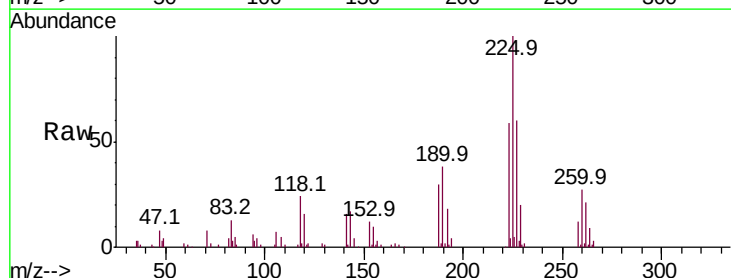
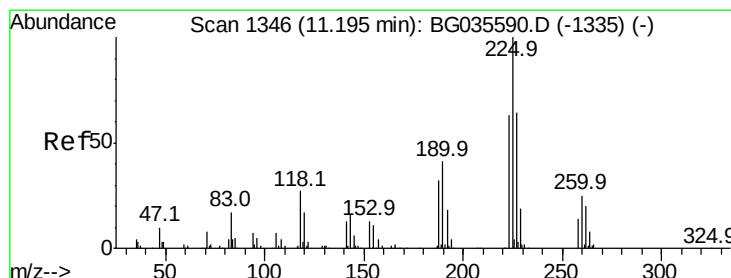
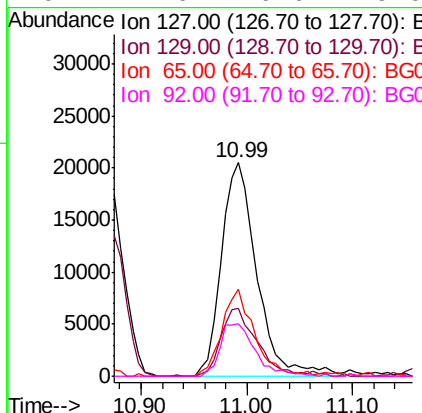
#33
4-Chloroaniline
Concen: 20.888 ng
RT: 10.99 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BG036056.D
Acq: 2 Aug 2018 12:09

Instrument :
BNA_G
ClientSampleId :
PB111684BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.8	24.0	36.0
65	40.7	27.0	40.4
92	24.6	16.6	25.0

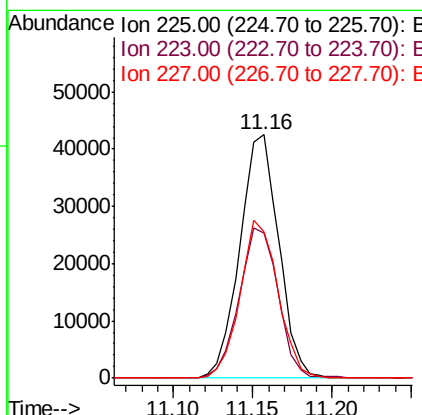
Manual Integrations
APPROVED

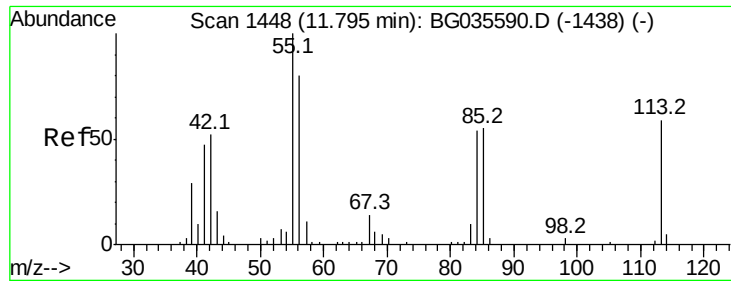
Sohil
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#34
Hexachlorobutadiene
Concen: 45.781 ng
RT: 11.16 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BG036056.D
Acq: 2 Aug 2018 12:09

Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.3	49.7	74.5
227	59.9	48.1	72.1





#35

Caprolactam

Concen: 45.280 ng/mL

RT: 11.76 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BG036056.D

Acq: 2 Aug 2018 12:09

Instrument :

BNA_G

ClientSampleID :

PB111684BS

Tot Ion:113 Resp: 32213

Ion Ratio Lower Upper

113 100

55 132.2 186.9 226.9#

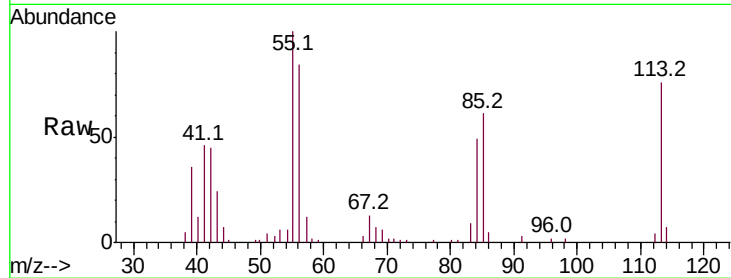
56 111.4 130.9 170.9#

Manual Integrations

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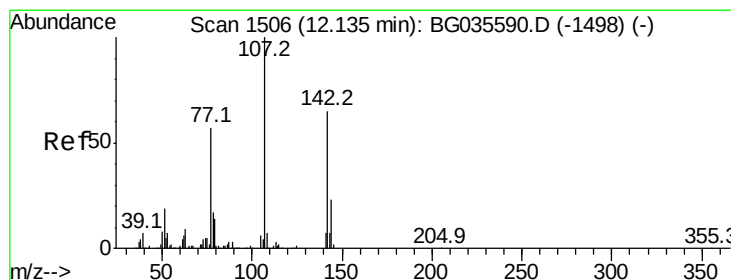
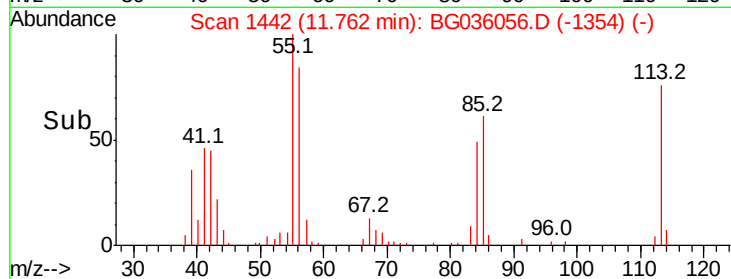
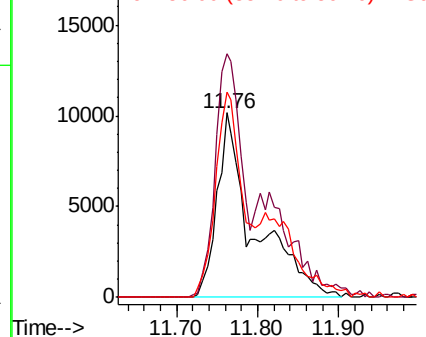
8/3/2018 12:58:26 PM



Abundance Ion 113.00 (112.70 to 113.70): E

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

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



#36

4-Chloro-3-methylphenol

Concen: 51.903 ng/mL

RT: 12.11 min Scan# 1501

Delta R.T. -0.00 min

Lab File: BG036056.D

Acq: 2 Aug 2018 12:09

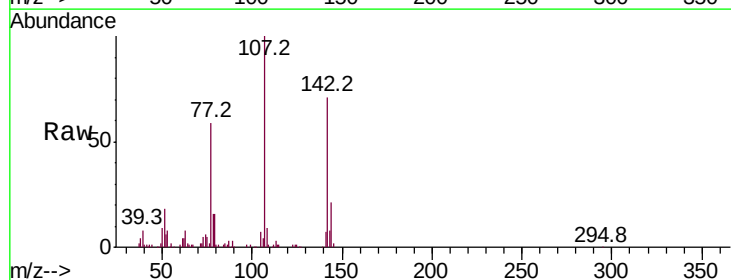
Tgt Ion:107 Resp: 115336

Ion Ratio Lower Upper

107 100

144 21.0 18.2 27.4

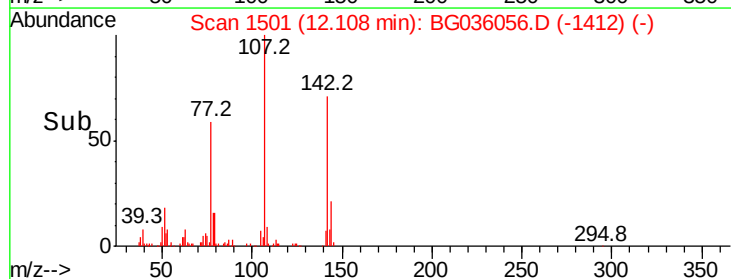
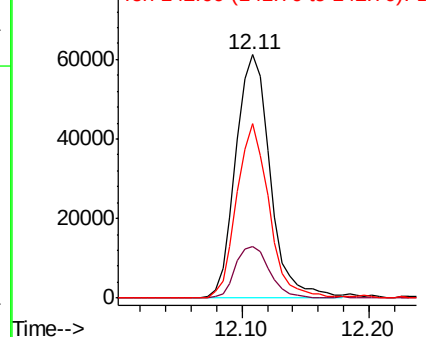
142 71.5 59.0 88.4

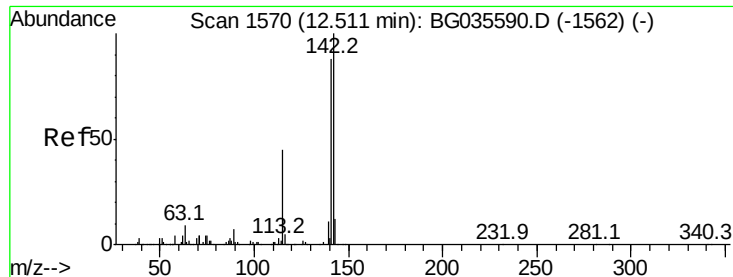


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





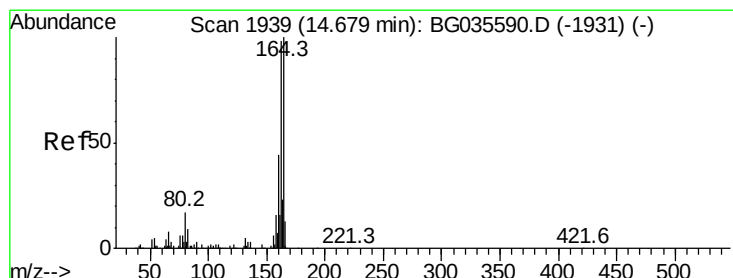
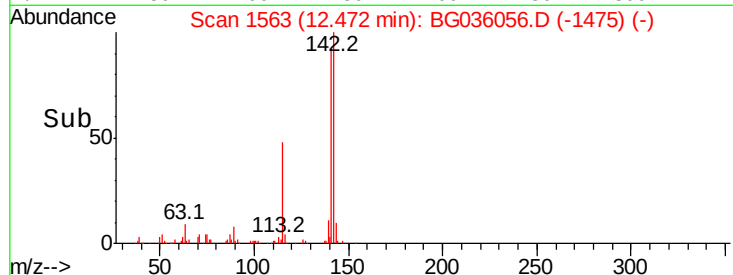
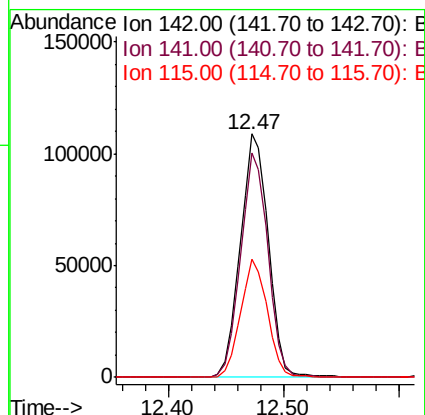
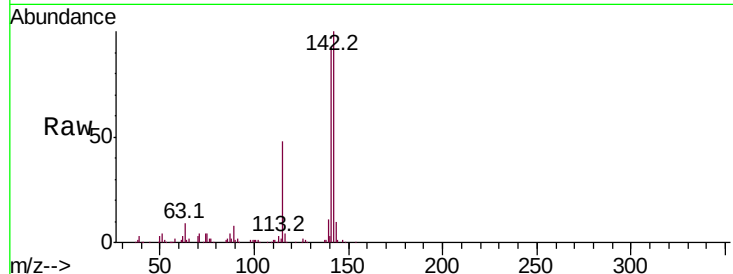
#37
2-Methylnaphthalene
Concen: 47.101 ng
RT: 12.47 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BG036056.D
Acq: 2 Aug 2018 12:09

Instrument :
BNA_G
ClientSampled :
PB111684BS

Tot Ion	Ratio	Resp Lower	Upper
142	100		
141	92.2	67.1	100.7
115	48.3	30.7	46.1

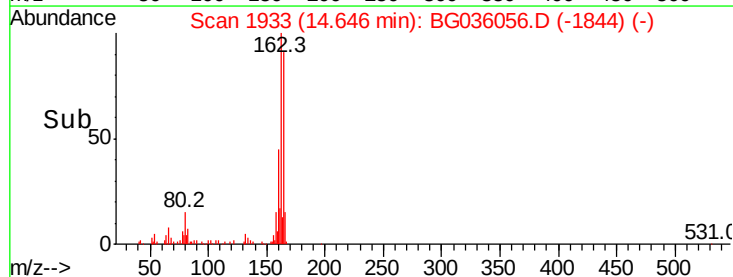
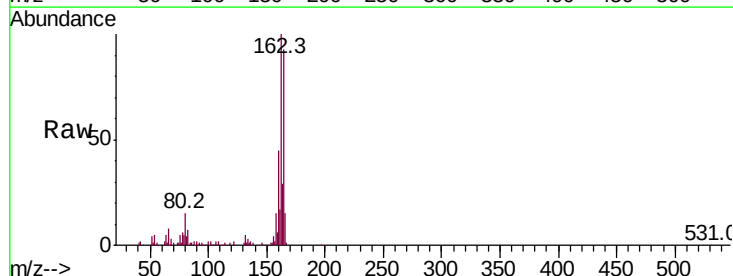
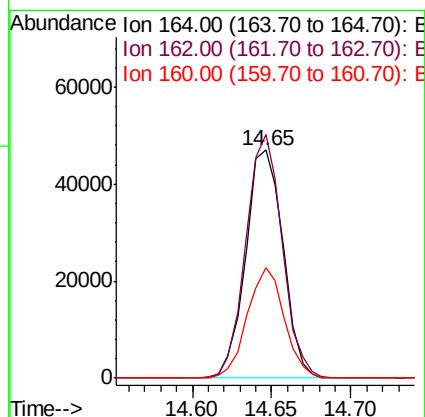
Manual Integrations
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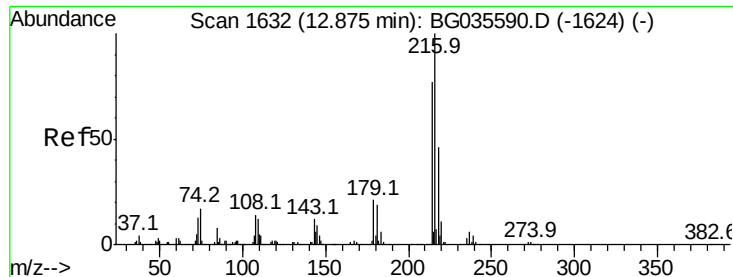
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1933
Delta R.T. -0.00 min
Lab File: BG036056.D
Acq: 2 Aug 2018 12:09

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
162	107.0	78.8	118.2
160	48.6	35.4	53.0





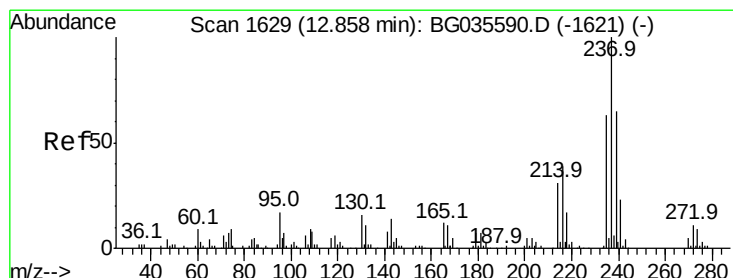
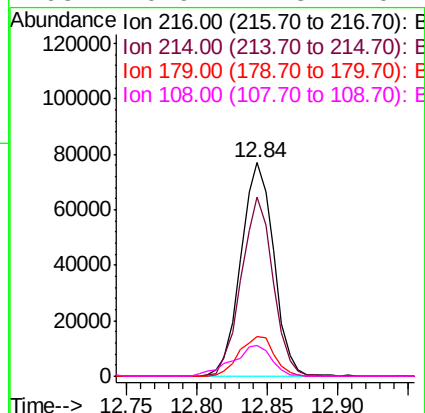
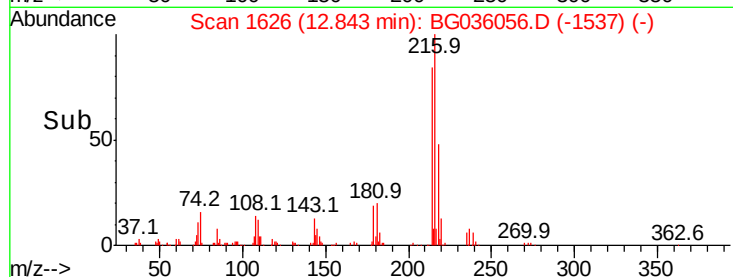
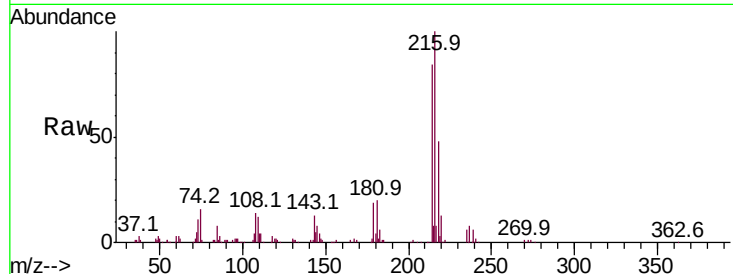
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.348 ng
 RT: 12.84 min Scan# 1626
 Delta R.T. -0.00 min
 Lab File: BG036056.D
 Acq: 2 Aug 2018 12:09

Instrument :
 BNA_G
 ClientSampleId :
 PB111684BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	80.9	63.0	94.4
179	19.7	17.0	25.6
108	16.9	12.8	19.2

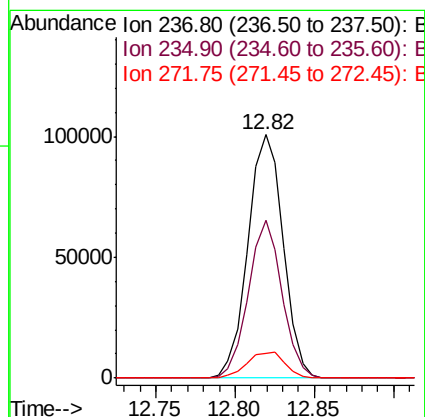
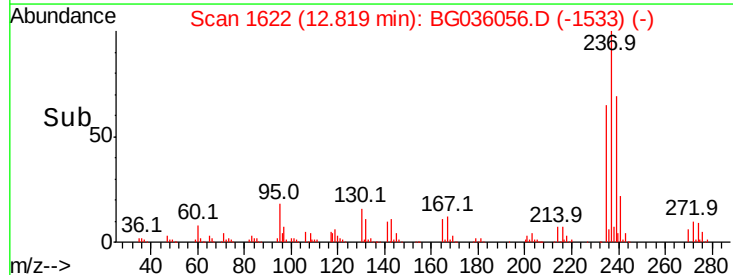
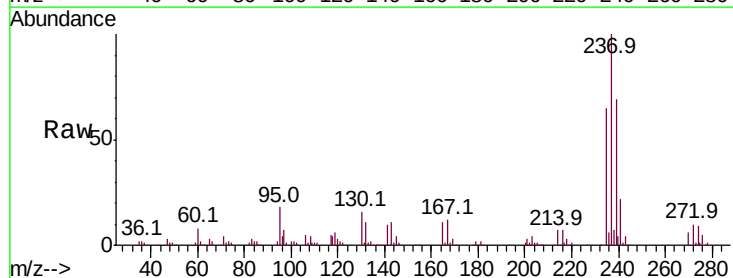
Manual Integrations
 APPROVED

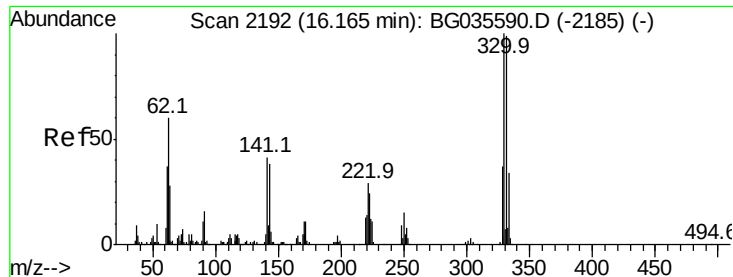
Sohil
 8/3/2018 12:58:26 PM



#40
 Hexachlorocyclopentadiene
 Concen: 102.114 ng
 RT: 12.82 min Scan# 1622
 Delta R.T. -0.00 min
 Lab File: BG036056.D
 Acq: 2 Aug 2018 12:09

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	64.9	50.4	90.4
272	10.3	0.0	31.8





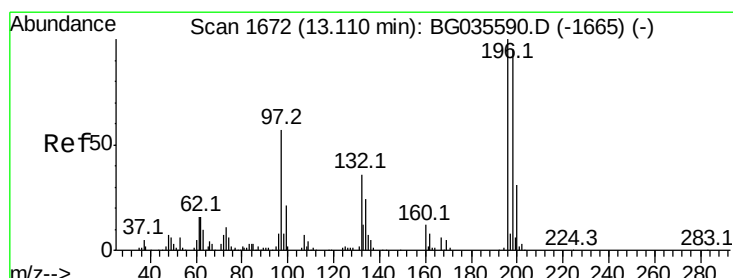
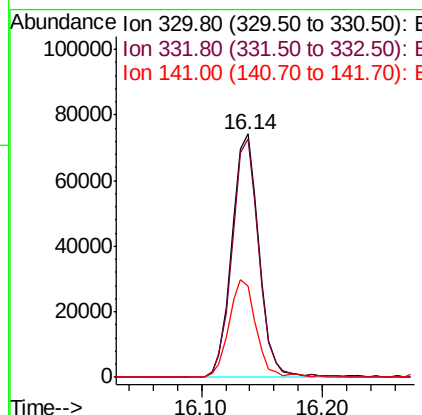
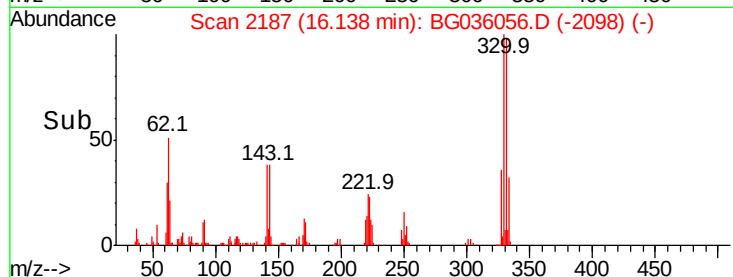
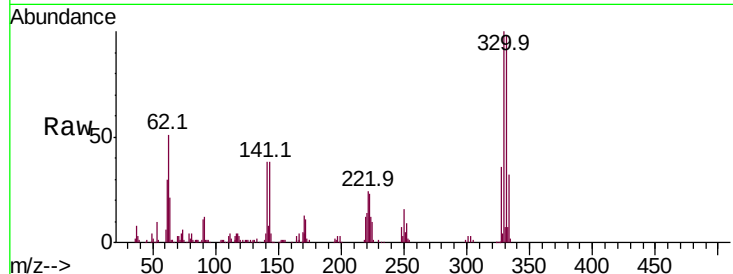
#41
 2,4,6-Tribromophenol
 Concen: 114.569 ng
 RT: 16.14 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: BG036056.D
 Acq: 2 Aug 2018 12:09

Instrument :
 BNA_G
 ClientSampled :
 PB111684BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	40.2	25.2	37.8

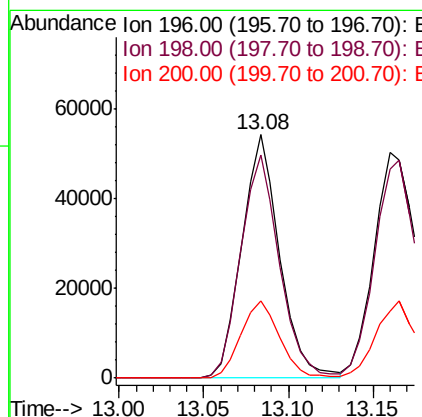
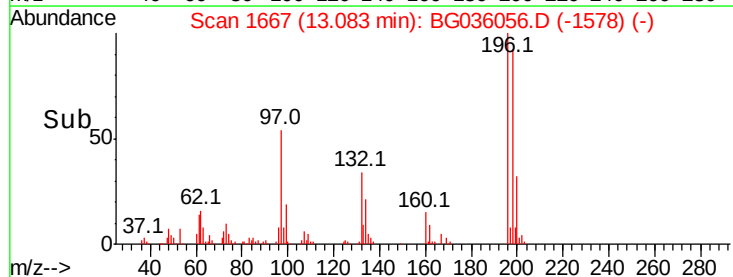
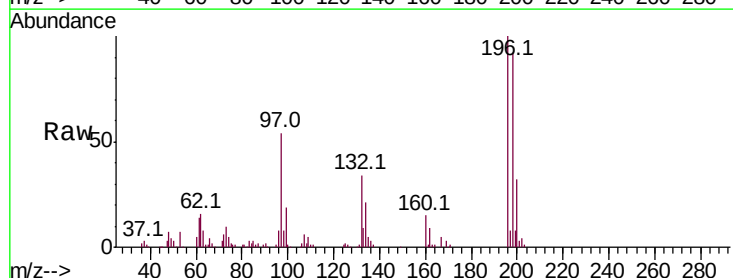
Manual Integrations
 APPROVED

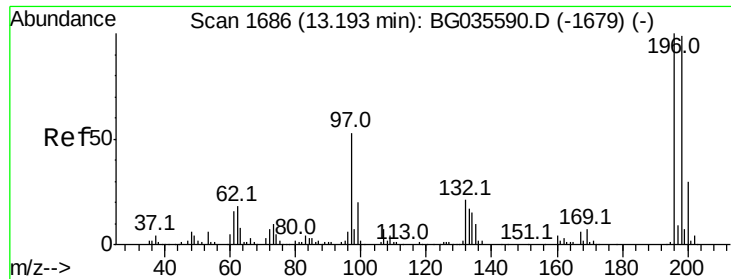
Sohil
 8/3/2018 12:58:26 PM



#42
 2,4,6-Trichlorophenol
 Concen: 49.658 ng
 RT: 13.08 min Scan# 1667
 Delta R.T. -0.00 min
 Lab File: BG036056.D
 Acq: 2 Aug 2018 12:09

Tgt Ion	Ratio	Lower	Upper
196	100		
198	91.7	78.2	117.2
200	31.9	24.6	36.8





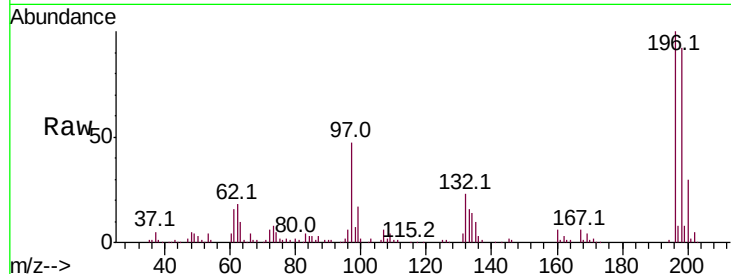
#43
 2,4,5-Trichlorophenol
 Concen: 49.727 ng
 RT: 13.16 min Scan# 1680
 Delta R.T. -0.00 min
 Lab File: BG036056.D
 Acq: 2 Aug 2018 12:09

Instrument :
 BNA_G
 ClientSampleId :
 PB111684BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	94491		
198	92.2	76.2	114.4	
97	46.5	38.7	58.1	
132	22.9	20.2	30.2	

Manual Integrations
 APPROVED

Sohil
 8/3/2018 12:58:26 PM



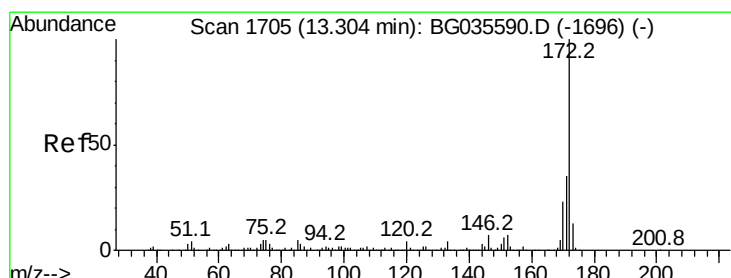
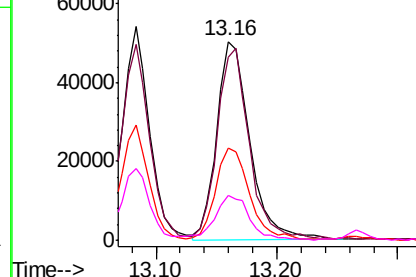
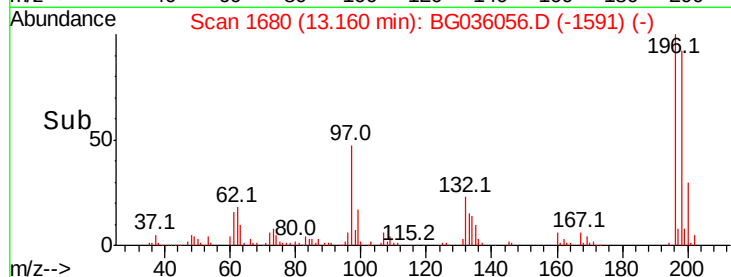
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

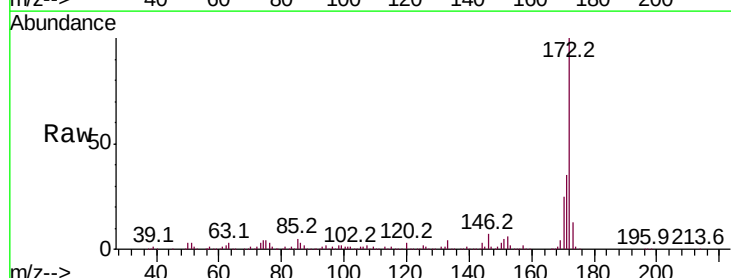
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 97.212 ng
 RT: 13.27 min Scan# 1698
 Delta R.T. -0.01 min
 Lab File: BG036056.D
 Acq: 2 Aug 2018 12:09

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	558385		
171	35.4	30.0	45.0	
170	24.6	19.5	29.3	

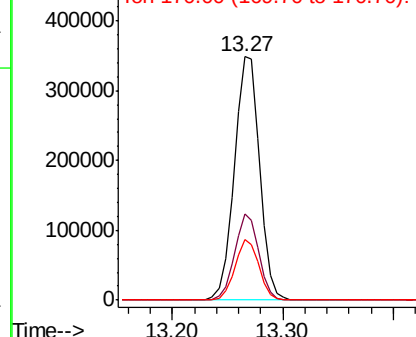
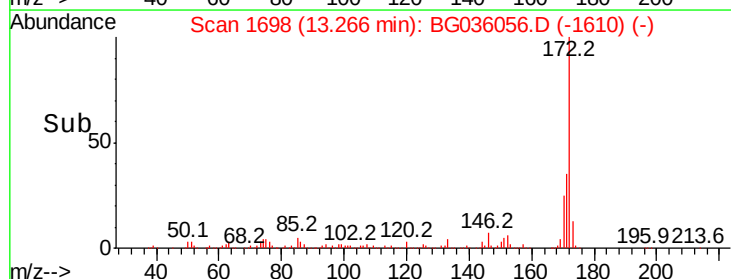


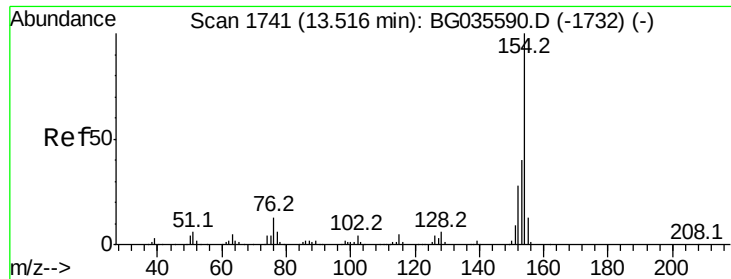
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





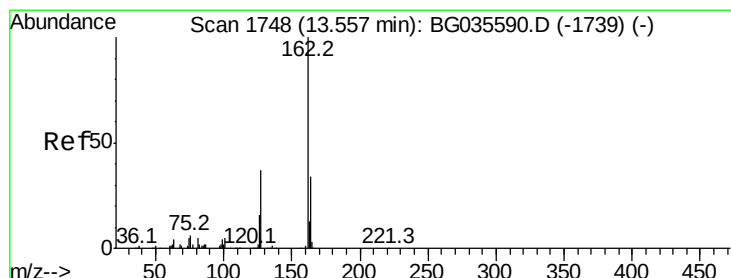
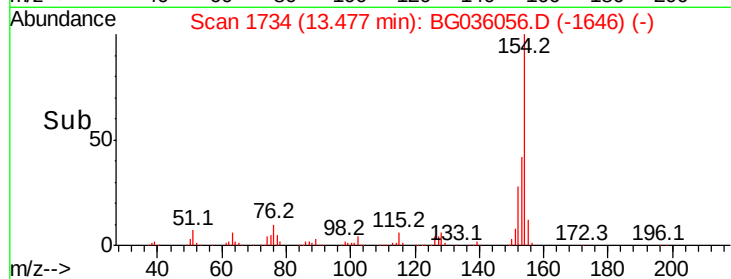
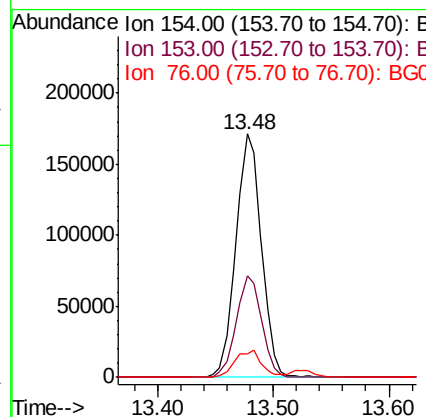
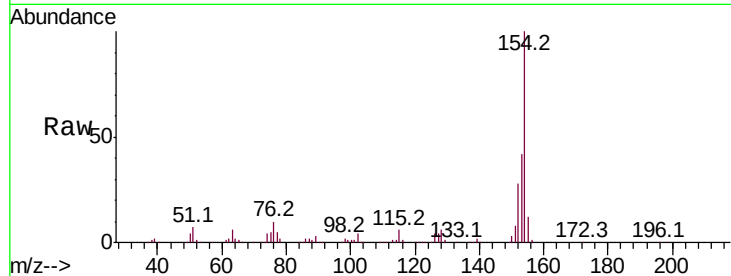
#45
 1,1'-Biphenyl
 Concen: 43.839 ng
 RT: 13.48 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG036056.D
 Acq: 2 Aug 2018 12:09

Instrument :
 BNA_G
 ClientSampleId :
 PB111684BS

Tot Ion	Ratio	Resp	Lower	Upper
154	100	261555		
153	41.7	19.8	59.8	
76	9.8	0.0	31.9	

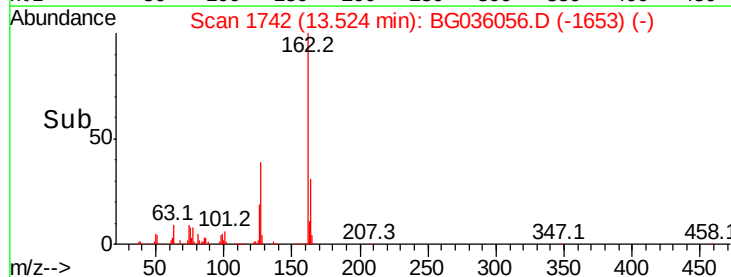
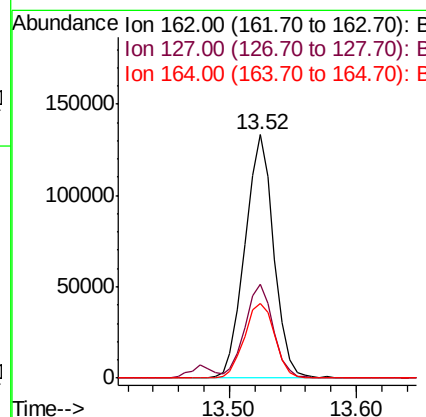
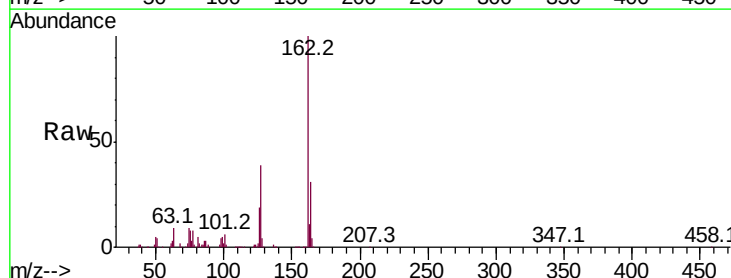
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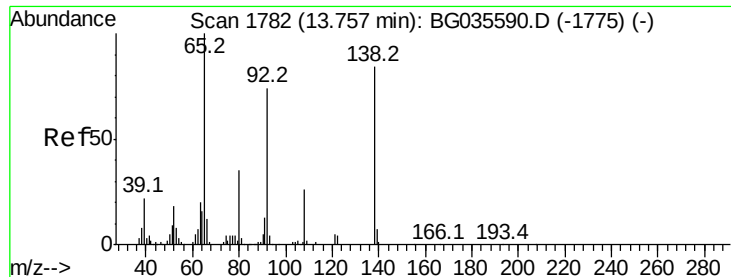
Sohil
 8/3/2018 12:58:26 PM



#46
 2-Chloronaphthalene
 Concen: 45.186 ng
 RT: 13.52 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: BG036056.D
 Acq: 2 Aug 2018 12:09

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	209702		
127	38.7	30.7	46.1	
164	30.8	26.0	39.0	





#47

2-Nitroaniline

Concen: 46.041 ng

RT: 13.73 min Scan# 1777

Delta R.T. -0.00 min

Lab File: BG036056.D

Acq: 2 Aug 2018 12:09

Instrument :

BNA_G

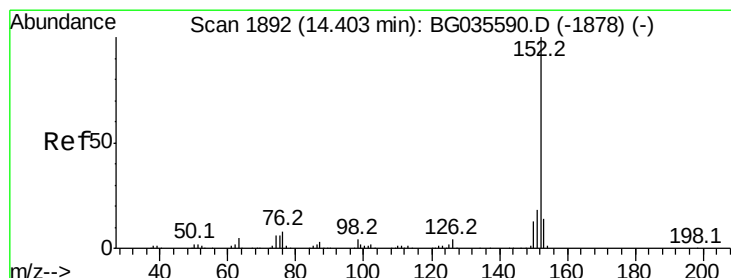
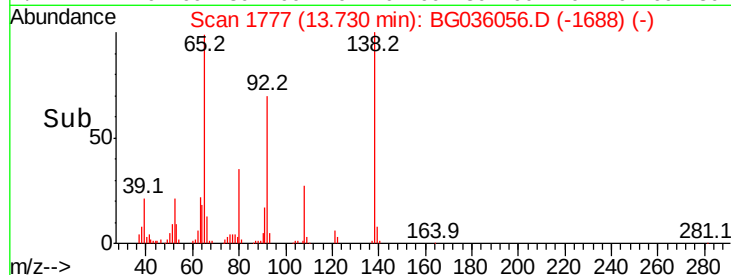
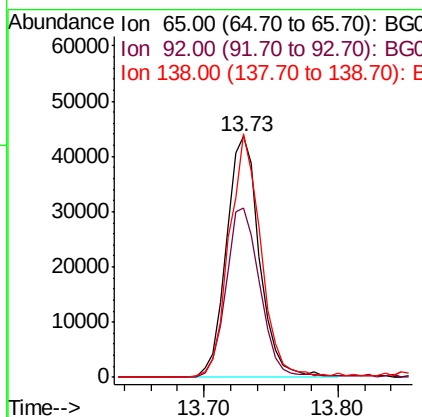
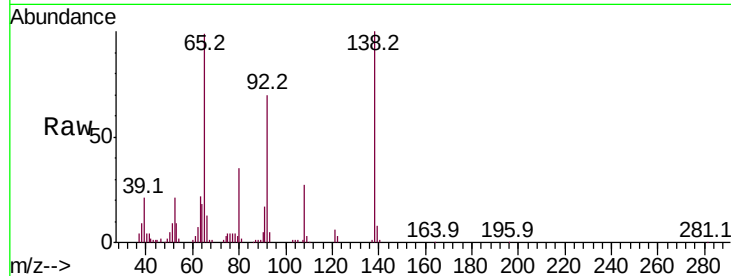
ClientSampleId :

PB111684BS

Tot Ion:	65	Resp:	75539
Ion Ratio	Lower	Upper	
65	100		
92	70.5	54.6	82.0
138	101.2	72.9	109.3

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#48

Acenaphthylene

Concen: 46.553 ng

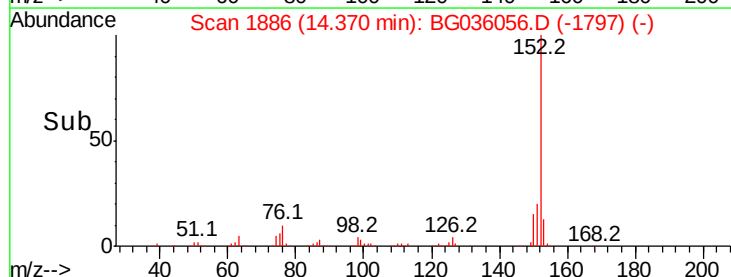
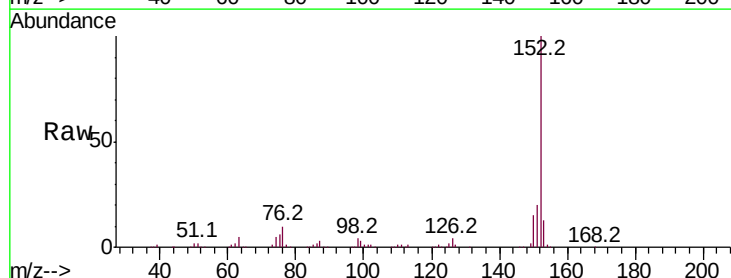
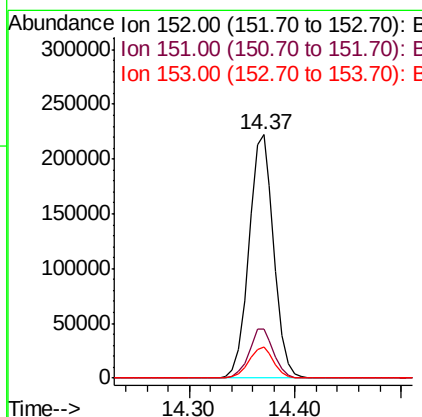
RT: 14.37 min Scan# 1886

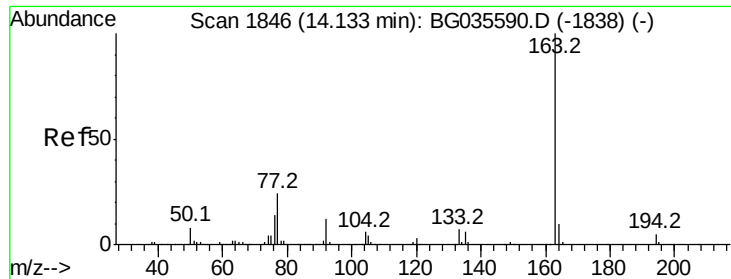
Delta R.T. -0.00 min

Lab File: BG036056.D

Acq: 2 Aug 2018 12:09

Tgt Ion:	152	Resp:	361896
Ion Ratio	Lower	Upper	
152	100		
151	20.1	17.2	25.8
153	12.9	10.2	15.4





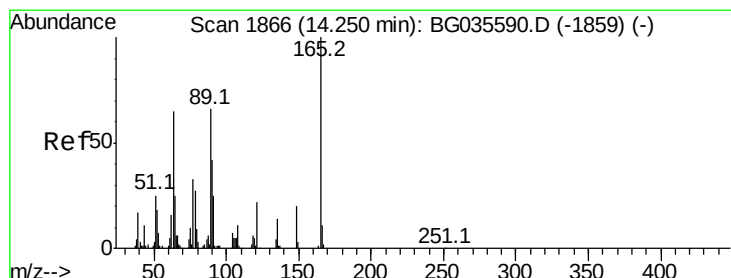
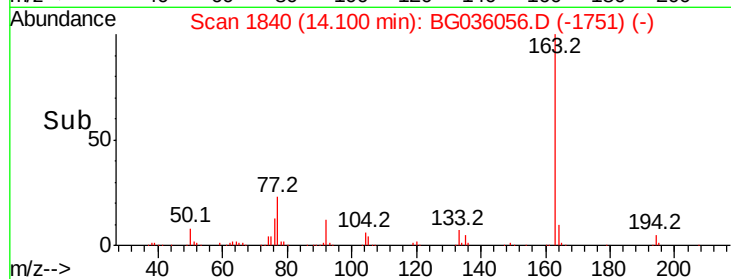
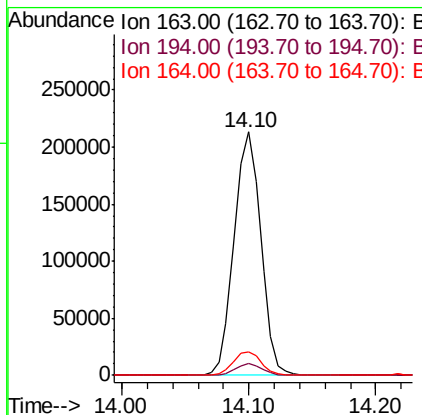
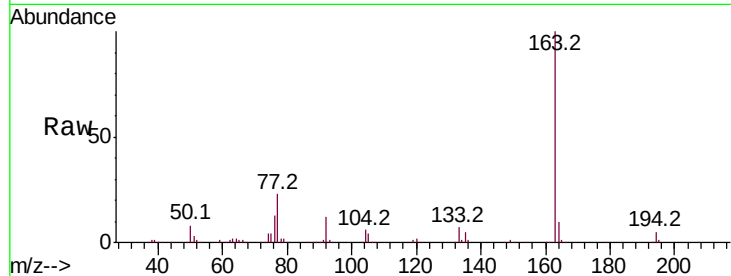
#49
 Dimethylphthalate
 Concen: 46.045 ng
 RT: 14.10 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BG036056.D
 Acq: 2 Aug 2018 12:09

Instrument :
 BNA_G
 ClientSampled :
 PB111684BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	310451		
194	4.9	3.4	5.2	
164	9.7	8.2	12.4	

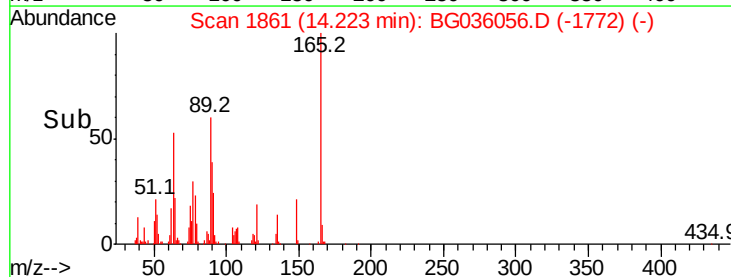
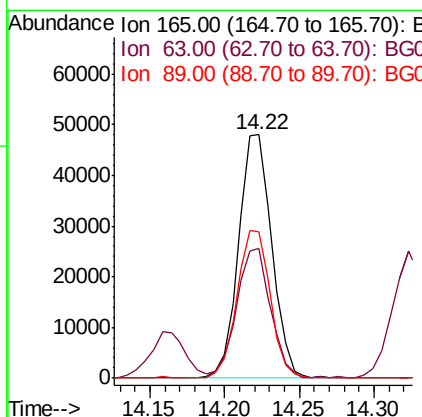
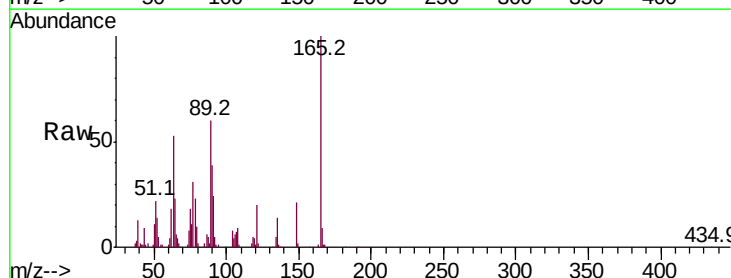
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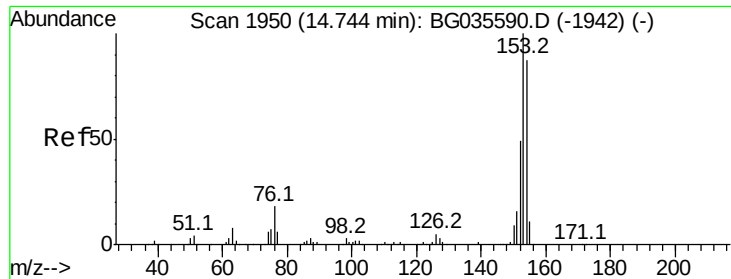
Sohil
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#50
 2,6-Dinitrotoluene
 Concen: 53.706 ng
 RT: 14.22 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: BG036056.D
 Acq: 2 Aug 2018 12:09

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	73738		
63	53.4	52.7	79.1	
89	60.0	49.2	73.8	





#51

Acenaphthene

Concen: 43.553 ng

RT: 14.71 min Scan# 1944

Delta R.T. -0.00 min

Lab File: BG036056.D

Acq: 2 Aug 2018 12:09

Instrument :

BNA_G

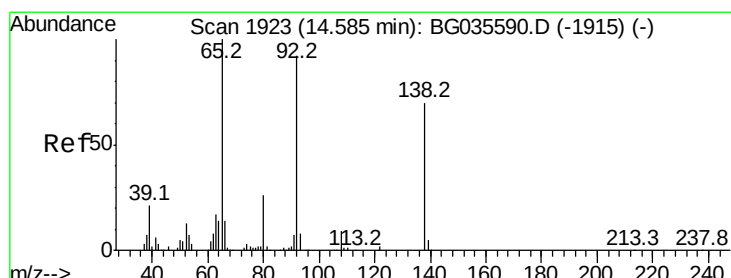
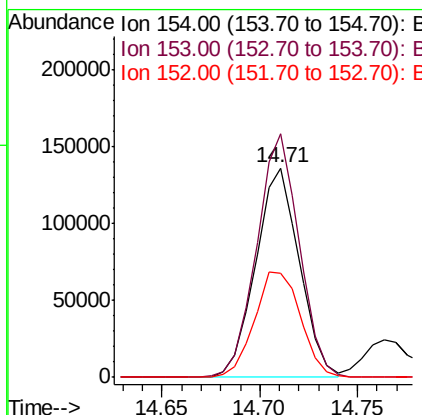
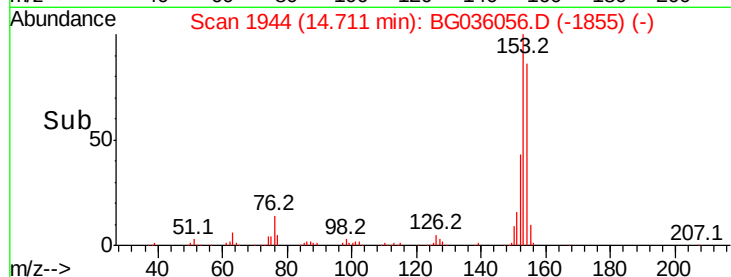
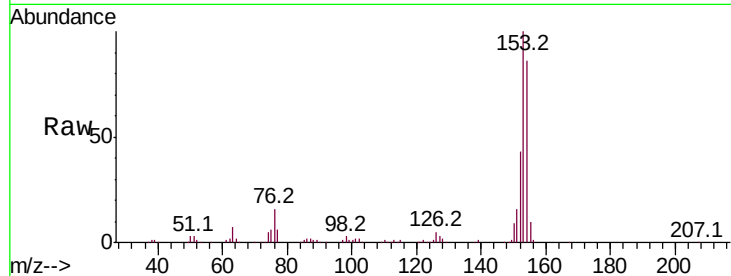
ClientSampleId :

PB111684BS

Tot Ion:	154	Resp:	210911
Ion Ratio	Lower	Upper	
154	100		
153	116.4	90.4	135.6
152	50.0	41.6	62.4

Manual Integrations
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#52

3-Nitroaniline

Concen: 28.961 ng

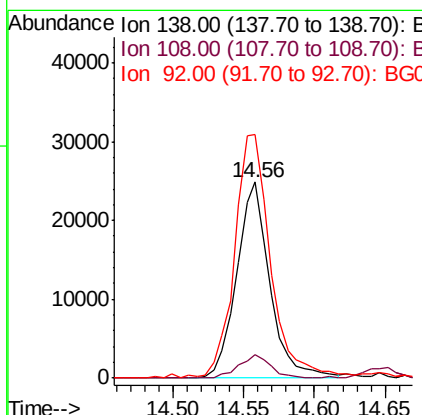
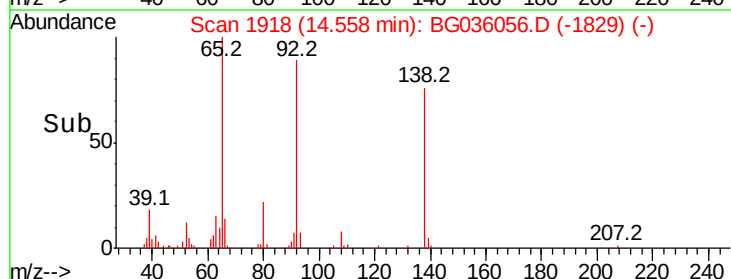
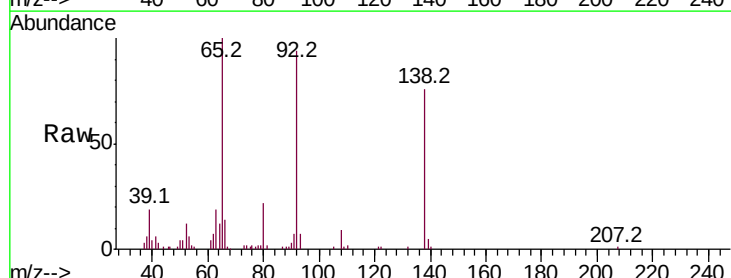
RT: 14.56 min Scan# 1918

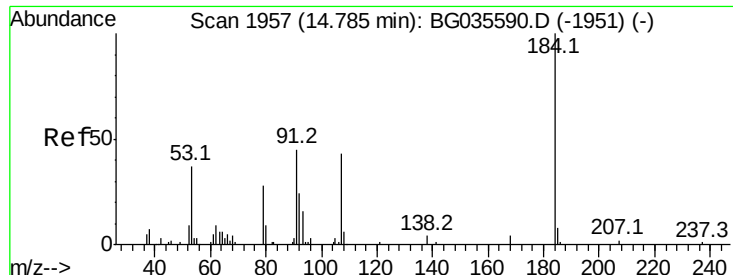
Delta R.T. -0.00 min

Lab File: BG036056.D

Acq: 2 Aug 2018 12:09

Tgt Ion:	138	Resp:	40641
Ion Ratio	Lower	Upper	
138	100		
108	11.8	17.5	26.3#
92	124.1	105.8	158.8





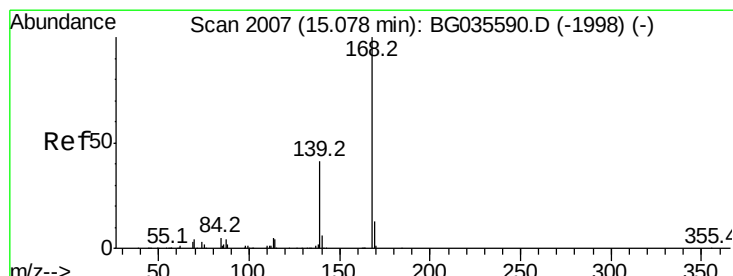
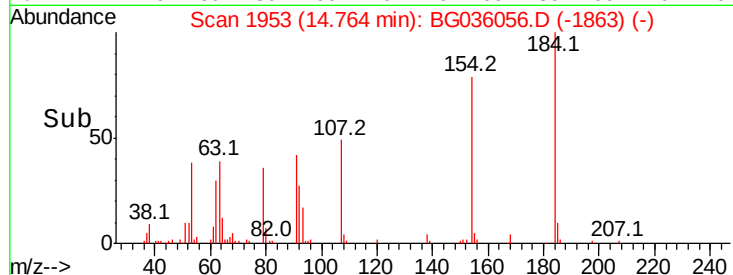
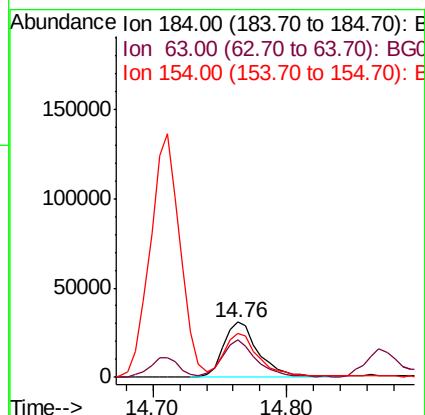
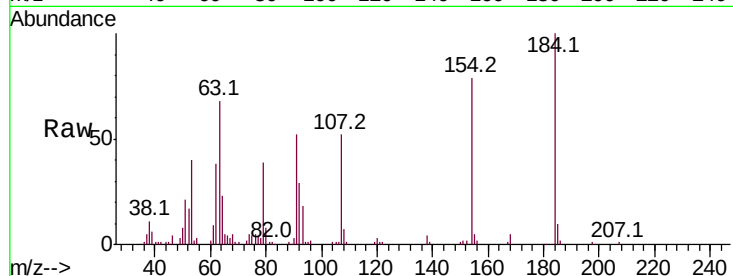
#53
 2,4-Dinitrophenol
 Concen: 82.354 ng
 RT: 14.76 min Scan# 1953
 Delta R.T. 0.00 min
 Lab File: BG036056.D
 Acq: 2 Aug 2018 12:09

Instrument :
 BNA_G
 ClientSampled :
 PB111684BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	67.8	59.8	89.8	
154	79.0	101.8	152.8	

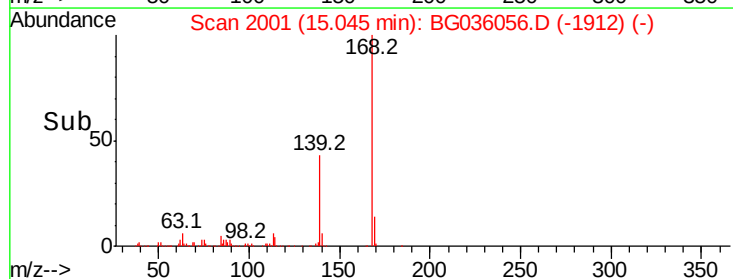
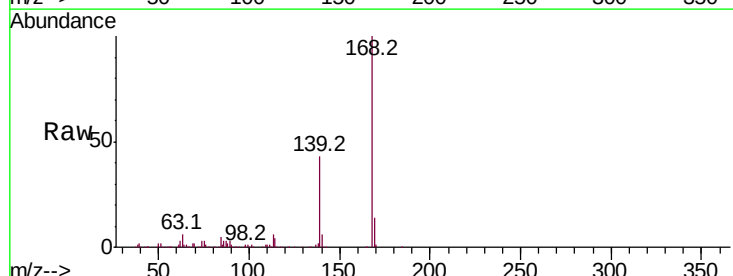
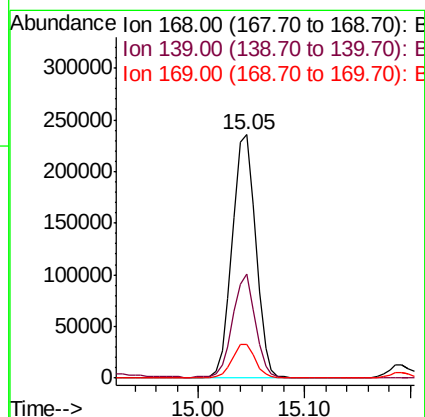
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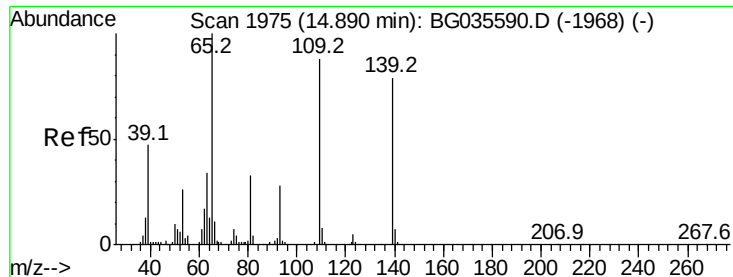
Sohil
 8/3/2018 12:58:26 PM



#54
 Dibenzofuran
 Concen: 46.898 ng
 RT: 15.05 min Scan# 2001
 Delta R.T. -0.00 min
 Lab File: BG036056.D
 Acq: 2 Aug 2018 12:09

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	42.6	28.6	43.0	
169	14.1	11.2	16.8	





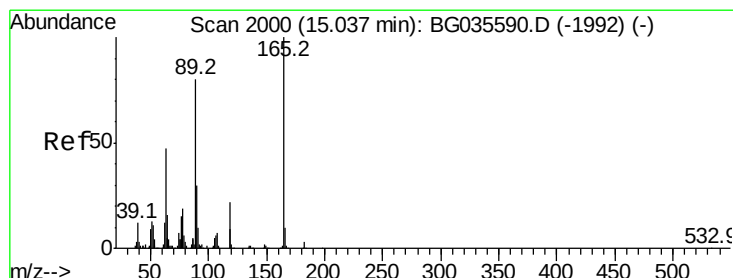
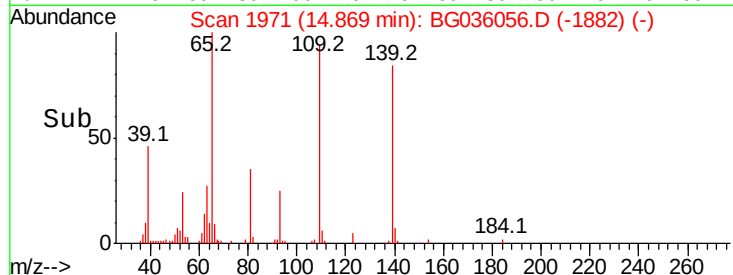
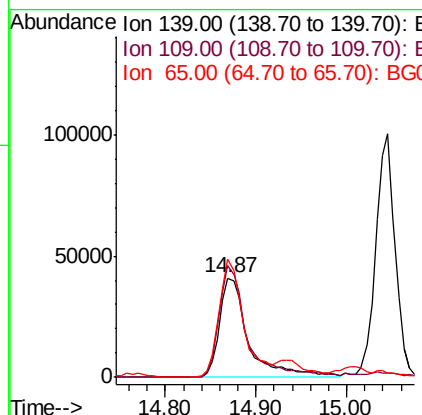
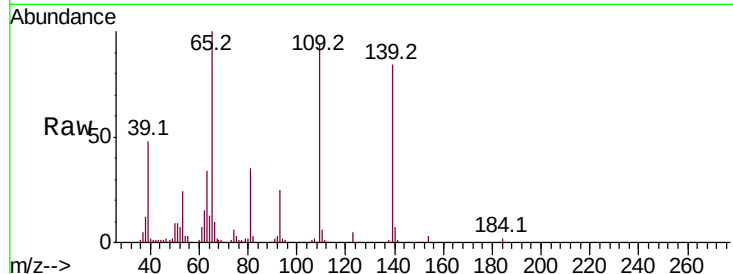
#55
4-Nitrophenol
Concen: 90.564 ng
RT: 14.87 min Scan# 1971
Delta R.T. -0.00 min
Lab File: BG036056.D
Acq: 2 Aug 2018 12:09

Instrument :
BNA_G
ClientSampled :
PB111684BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	112.1	62.2	102.2#	
65	118.6	97.2	137.2	

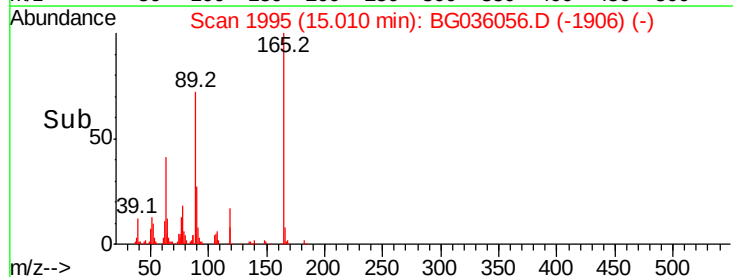
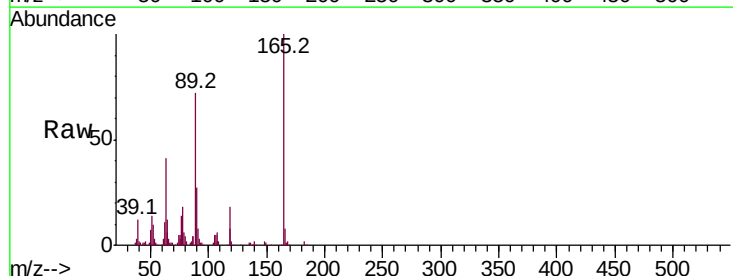
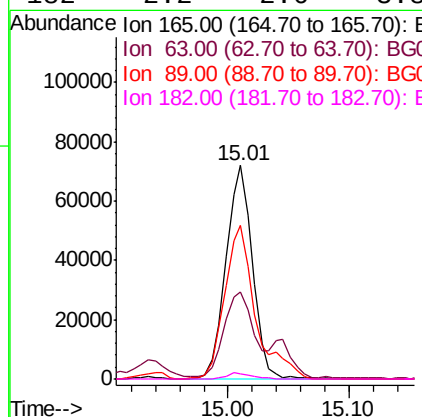
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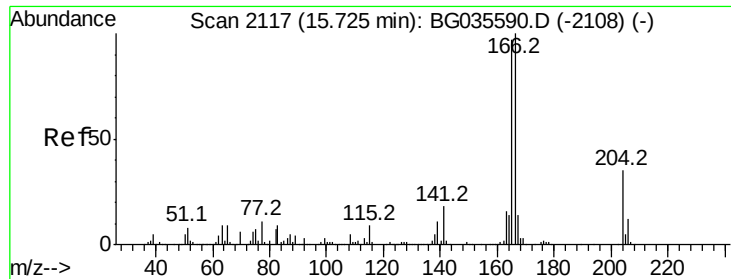
Sohil
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#56
2,4-Dinitrotoluene
Concen: 55.352 ng
RT: 15.01 min Scan# 1995
Delta R.T. -0.00 min
Lab File: BG036056.D
Acq: 2 Aug 2018 12:09

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	40.6	42.0	63.0#	
89	72.2	66.9	100.3	
182	2.2	2.6	3.8#	





#57

Fluorene

Concen: 47.641 ng

RT: 15.69 min Scan# 2111

Delta R.T. -0.00 min

Lab File: BG036056.D

Acq: 2 Aug 2018 12:09

Instrument :

BNA_G

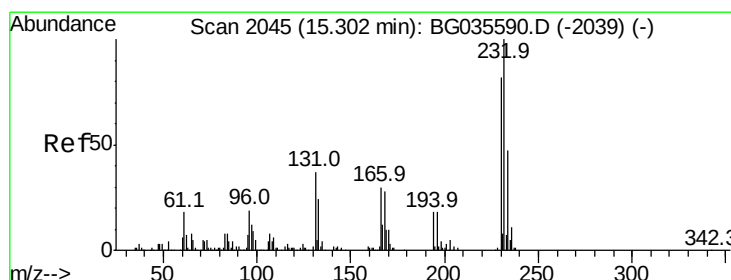
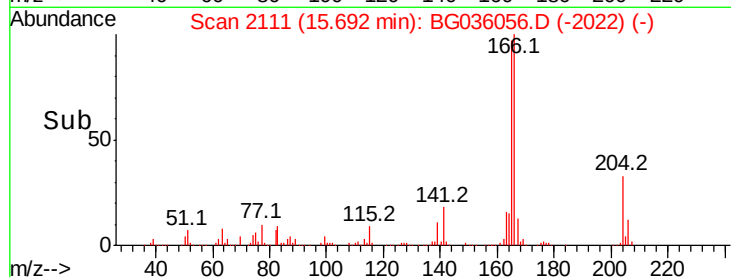
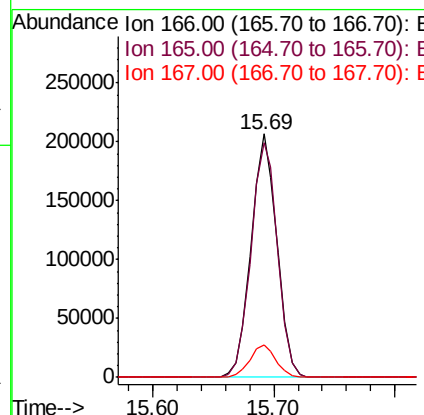
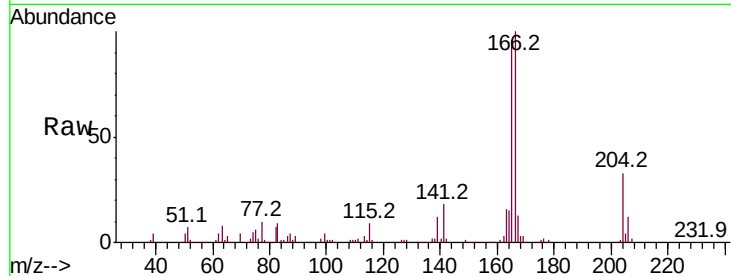
ClientSampled :

PB111684BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	307528		
165	96.3	80.6	121.0	
167	13.1	10.4	15.6	

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 54.210 ng

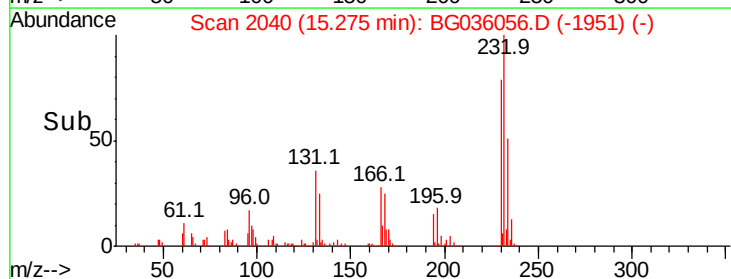
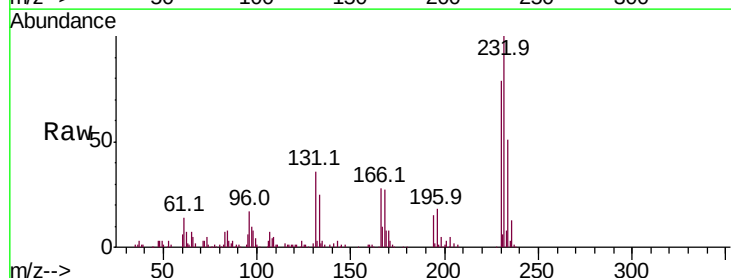
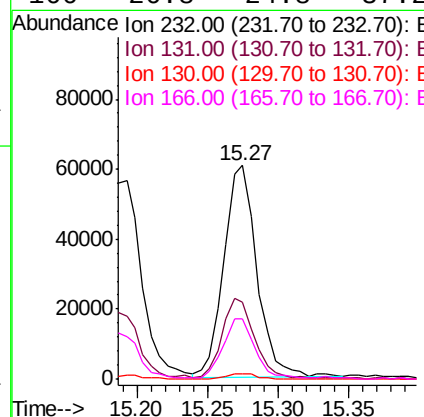
RT: 15.27 min Scan# 2040

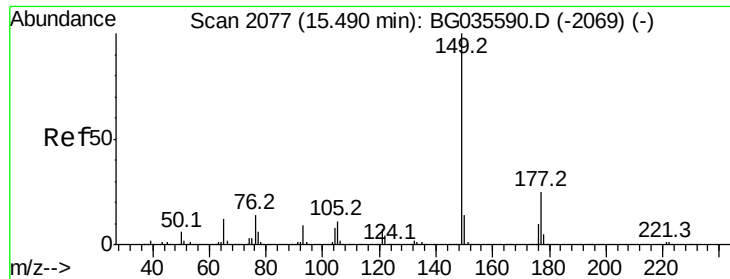
Delta R.T. -0.00 min

Lab File: BG036056.D

Acq: 2 Aug 2018 12:09

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	98765		
131	38.4	33.5	50.3	
130	2.2	2.2	3.2	
166	26.8	24.8	37.2	





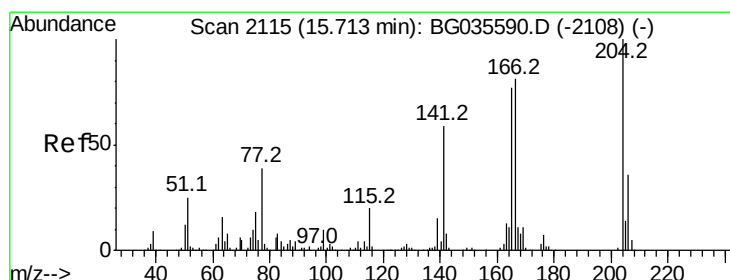
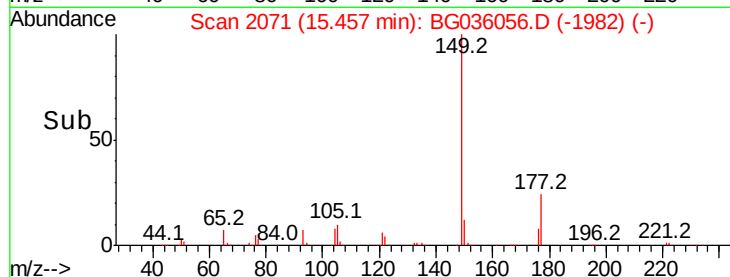
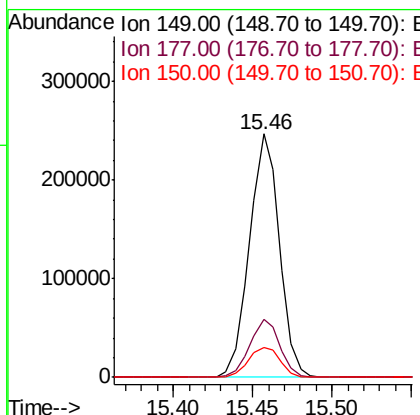
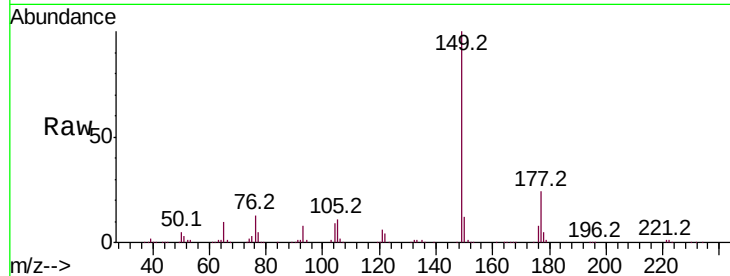
#59
Diethylphthalate
Concen: 46.692 ng
RT: 15.46 min Scan# 2071
Delta R.T. -0.00 min
Lab File: BG036056.D
Acq: 2 Aug 2018 12:09

Instrument :
BNA_G
ClientSampled :
PB111684BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	323712		
177	23.9	18.5	27.7	
150	12.1	10.2	15.2	

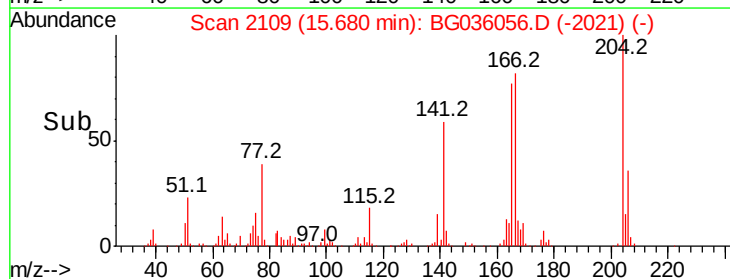
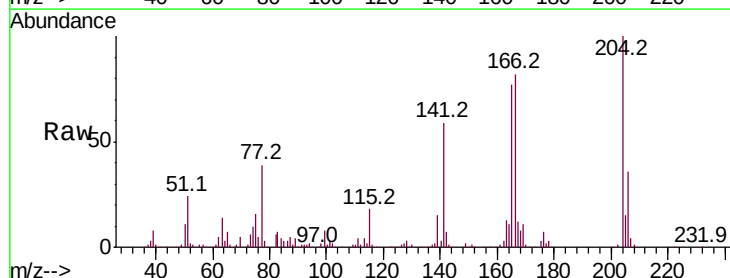
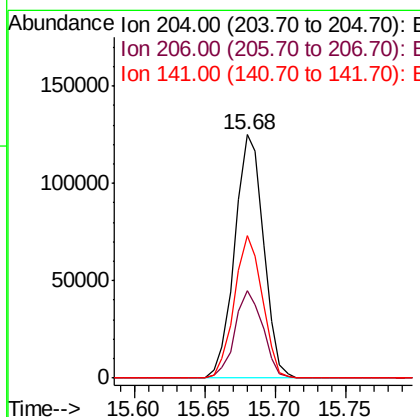
Manual Integrations
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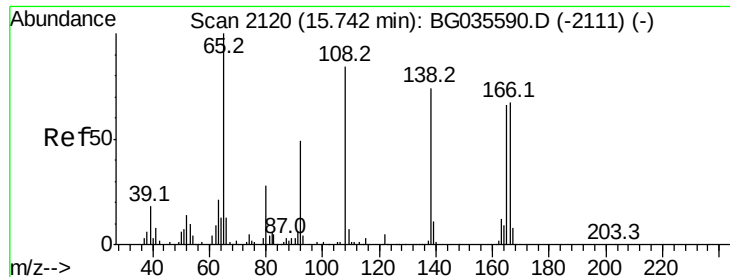
Sohil
8/3/2018 12:58:26 PM



#60
4-Chlorophenyl-phenylether
Concen: 46.854 ng
RT: 15.68 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BG036056.D
Acq: 2 Aug 2018 12:09

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	177763		
206	36.1	26.2	39.2	
141	58.6	45.8	68.6	





#61

4-Nitroaniline

Concen: 47.841 ng

RT: 15.72 min Scan# 2116

Delta R.T. -0.00 min

Lab File: BG036056.D

Acq: 2 Aug 2018 12:09

Instrument :

BNA_G

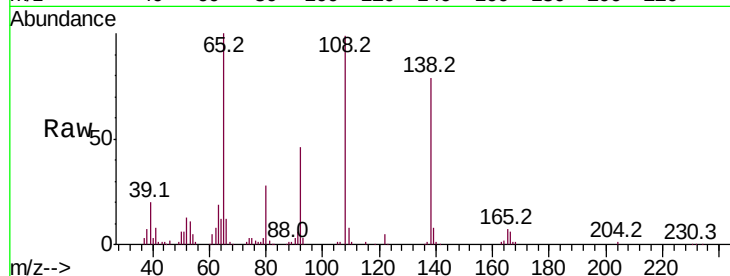
ClientSampled :

PB111684BS

Tot Ion:	138	Resp:	70226
Ion	Ratio	Lower	Upper
138	100		
92	58.6	40.1	80.1
108	125.0	65.4	105.4#

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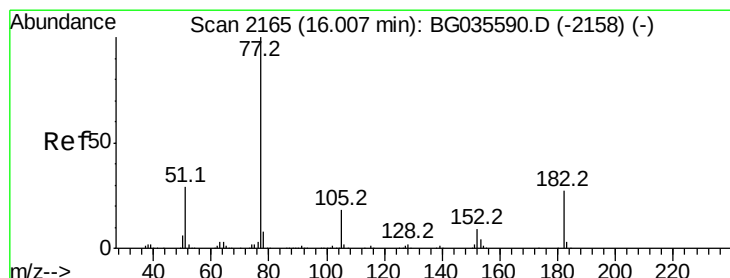
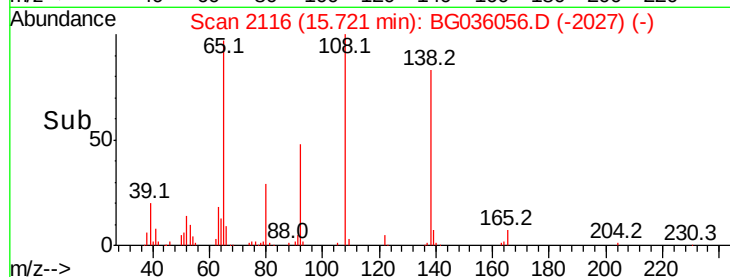
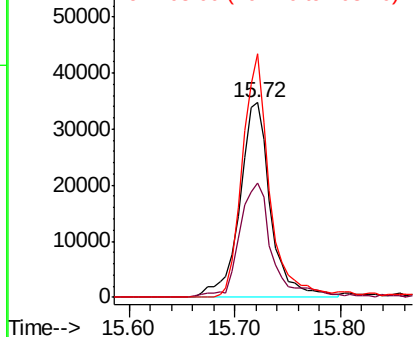


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 47.214 ng

RT: 15.97 min Scan# 2159

Delta R.T. -0.00 min

Lab File: BG036056.D

Acq: 2 Aug 2018 12:09

Tgt Ion:	77	Resp:	322878
Ion	Ratio	Lower	Upper
77	100		
182	27.3	7.4	47.4
105	18.0	0.3	40.3
51	24.8	11.6	51.6

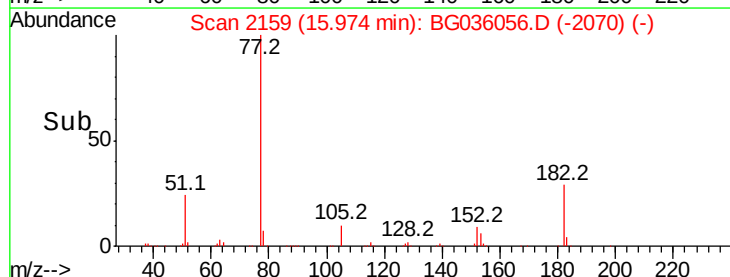
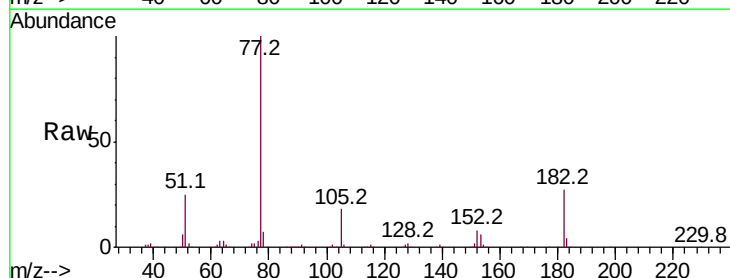
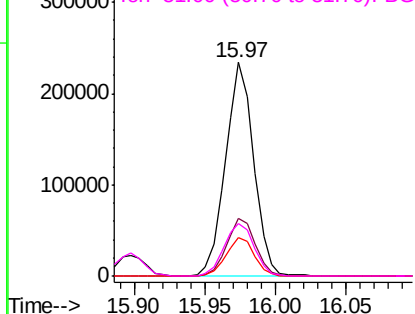
Abundance

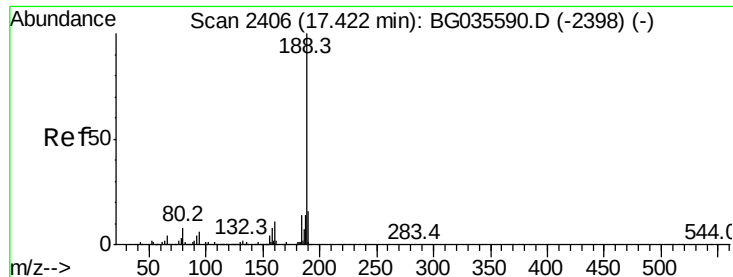
Ion 77.00 (76.70 to 77.70): BG

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BG





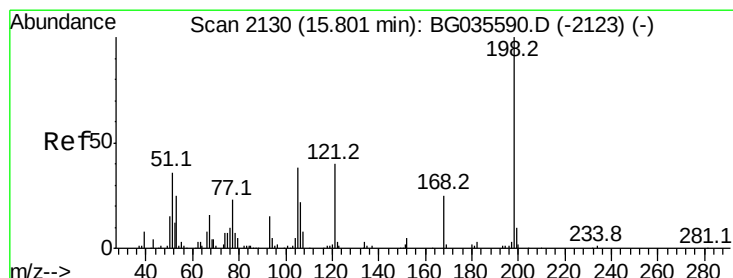
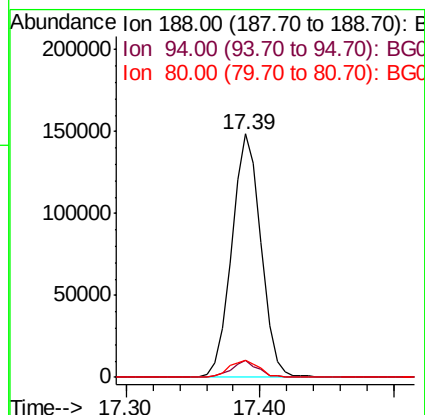
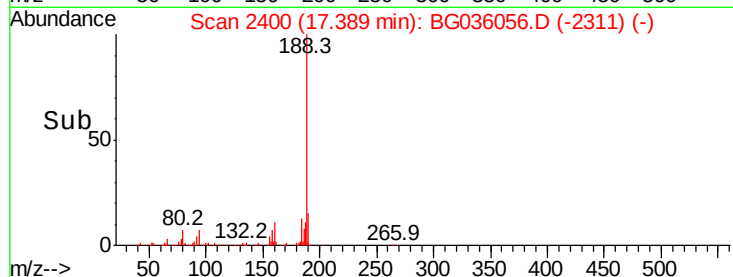
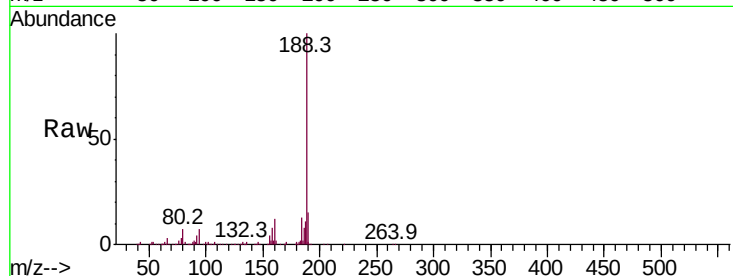
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2400
Delta R.T. -0.00 min
Lab File: BG036056.D
Acq: 2 Aug 2018 12:09

Instrument :
BNA_G
ClientSampleId :
PB111684BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	6.9	6.9	10.3
80	7.2	7.7	11.5#

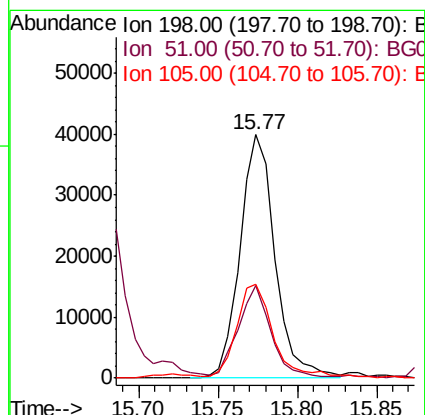
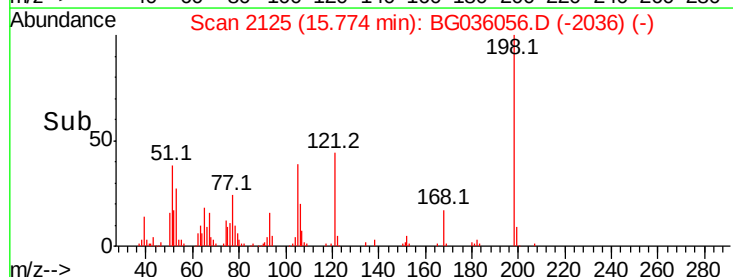
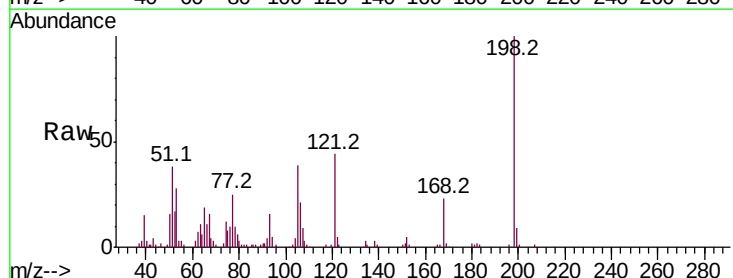
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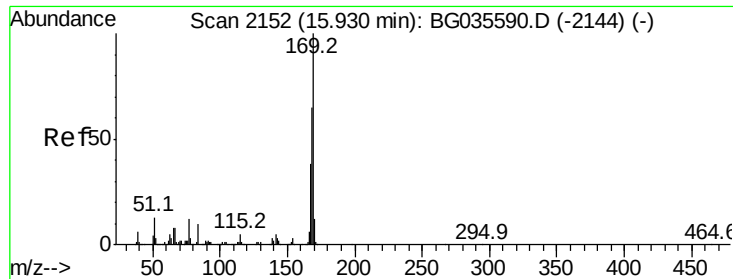
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 48.654 ng
RT: 15.77 min Scan# 2125
Delta R.T. -0.00 min
Lab File: BG036056.D
Acq: 2 Aug 2018 12:09

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	38.0	30.6	70.6
105	38.6	23.8	63.8





#65

n-Nitrosodiphenylamine

Concen: 43.686 ng

RT: 15.90 min Scan# 2146

Delta R.T. -0.00 min

Lab File: BG036056.D

Acq: 2 Aug 2018 12:09

Instrument :

BNA_G

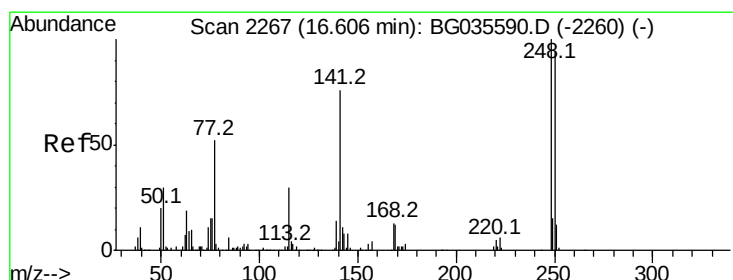
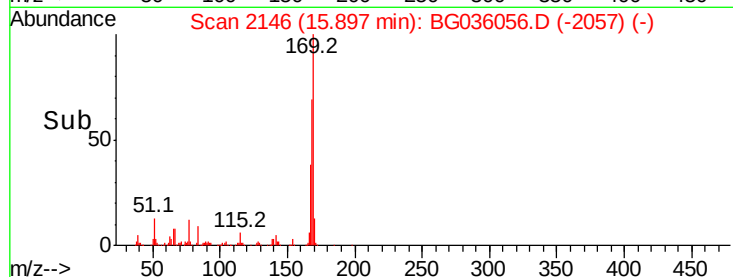
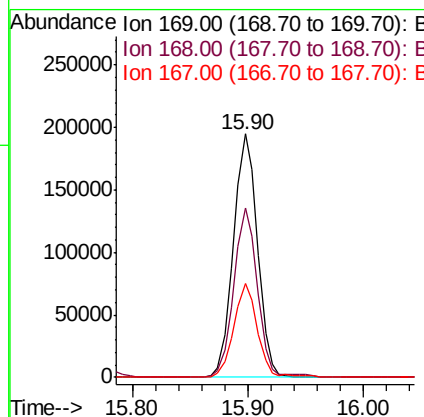
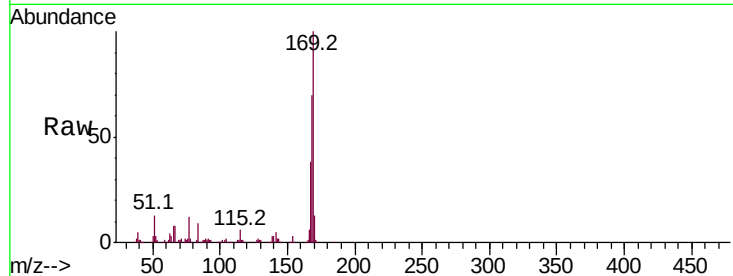
ClientSampleId :

PB111684BS

Tot Ion:	169	Resp:	280591
Ion Ratio	Lower	Upper	
169	100		
168	69.5	55.7	83.5
167	38.4	30.1	45.1

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#66

4-Bromophenyl-phenylether

Concen: 46.859 ng

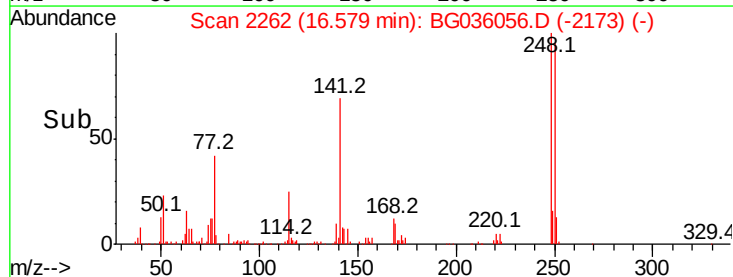
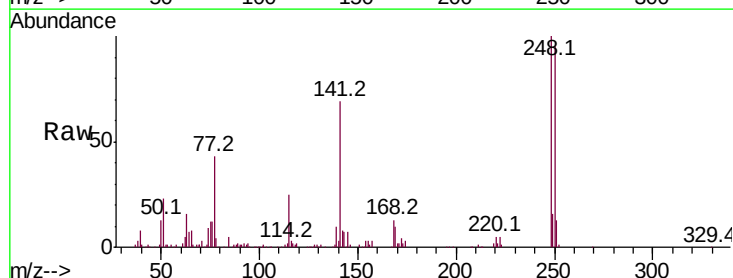
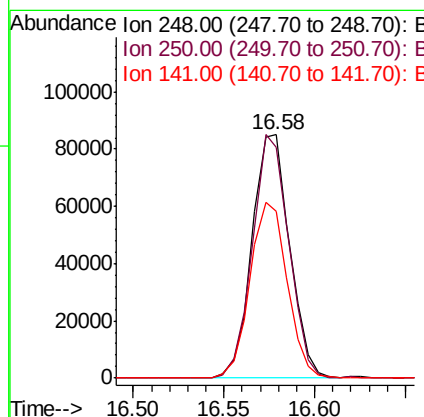
RT: 16.58 min Scan# 2262

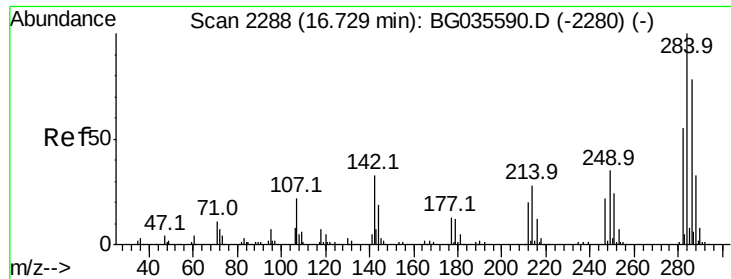
Delta R.T. -0.00 min

Lab File: BG036056.D

Acq: 2 Aug 2018 12:09

Tgt Ion:	248	Resp:	122675
Ion Ratio	Lower	Upper	
248	100		
250	95.0	77.1	115.7
141	68.6	50.8	76.2





#67

Hexachlorobenzene

Concen: 47.764 ng

RT: 16.70 min Scan# 2282

Delta R.T. -0.00 min

Lab File: BG036056.D

Acq: 2 Aug 2018 12:09

Instrument :

BNA_G

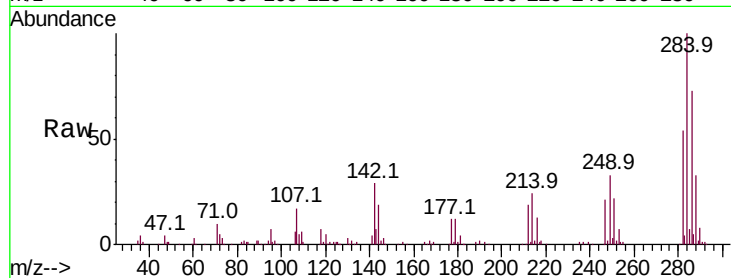
ClientSampleId :

PB111684BS

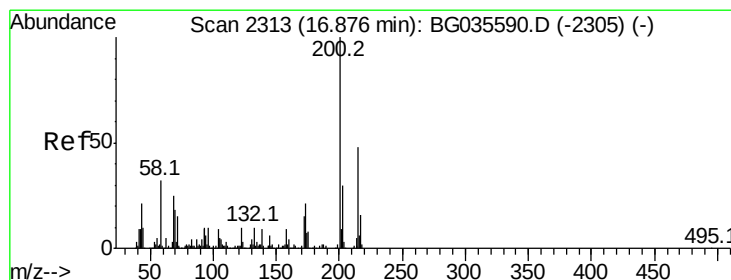
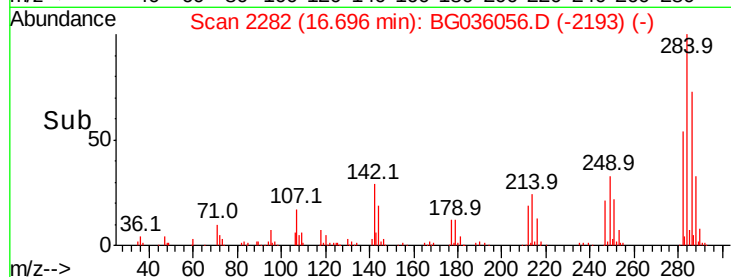
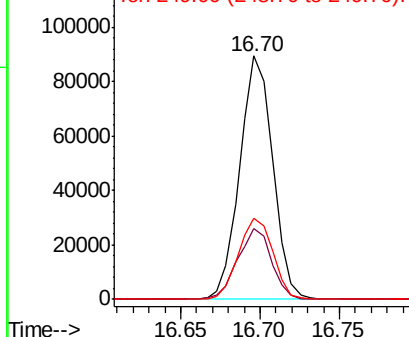
Tot Ion	Ratio	Resp	Lower	Upper
284	100	128773		
142	28.9	26.8	40.2	
249	33.3	26.3	39.5	

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



#68

Atrazine

Concen: 48.858 ng

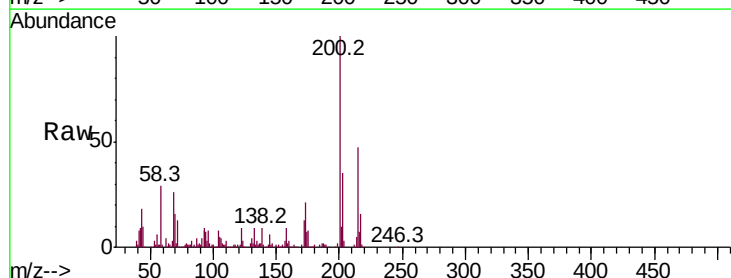
RT: 16.84 min Scan# 2307

Delta R.T. -0.00 min

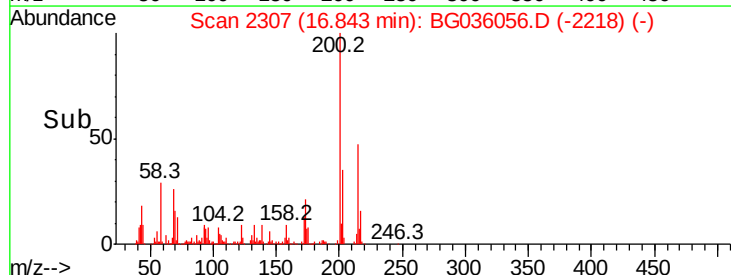
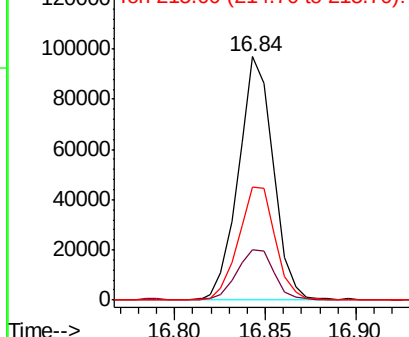
Lab File: BG036056.D

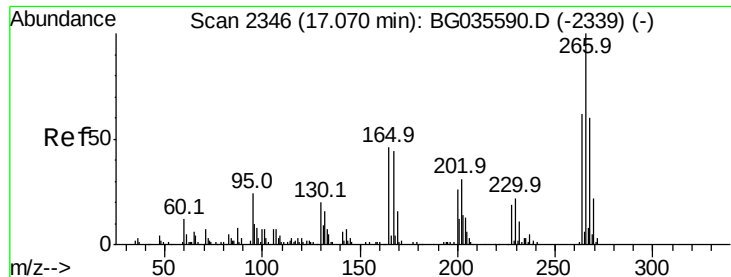
Acq: 2 Aug 2018 12:09

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	129205		
173	20.9	5.2	45.2	
215	46.5	30.4	70.4	



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





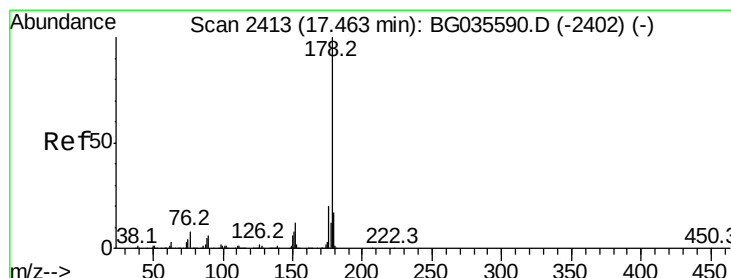
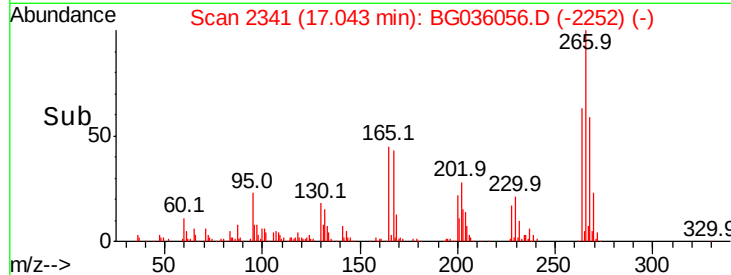
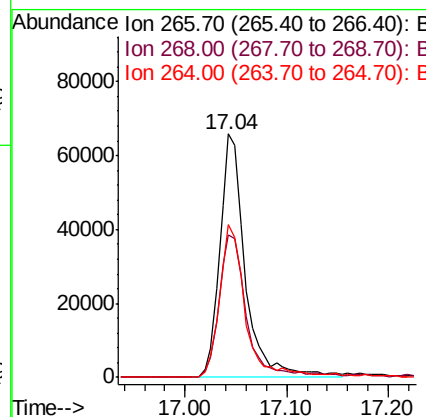
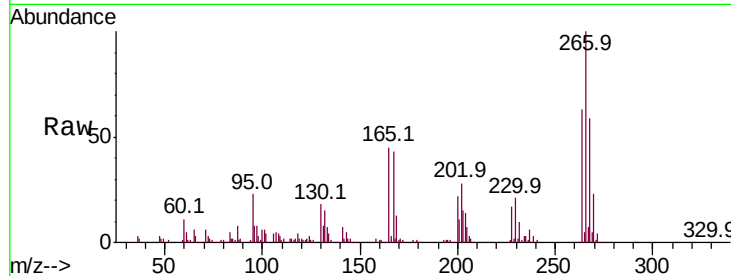
#69
 Pentachlorophenol
 Concen: 69.791 ng
 RT: 17.04 min Scan# 2341
 Delta R.T. -0.00 min
 Lab File: BG036056.D
 Acq: 2 Aug 2018 12:09

Instrument :
 BNA_G
 ClientSampleId :
 PB111684BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100			
268	58.6		51.1	76.7
264	62.7		49.6	74.4

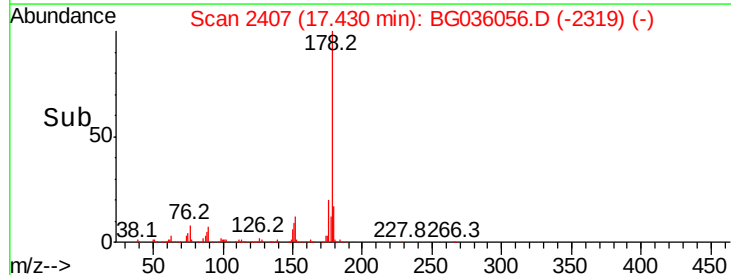
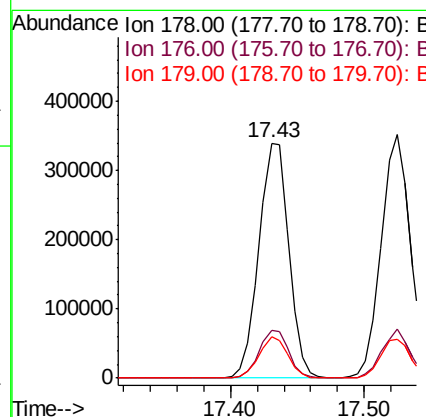
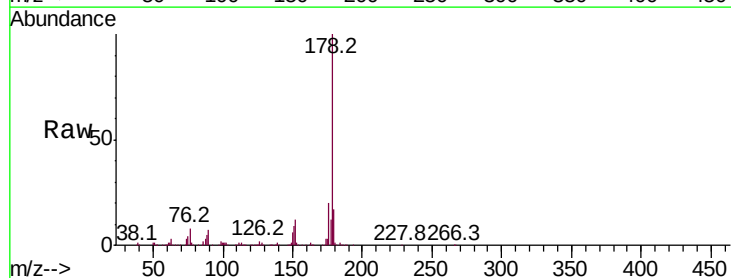
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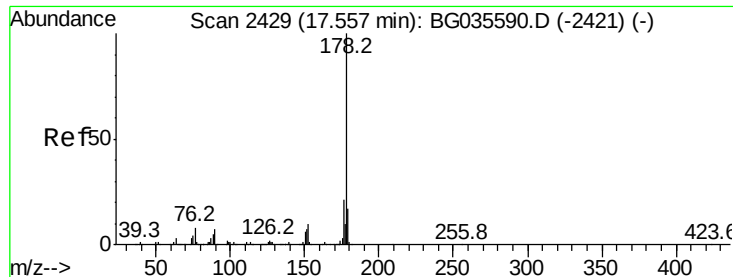
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#70
 Phenanthrene
 Concen: 46.569 ng
 RT: 17.43 min Scan# 2407
 Delta R.T. -0.01 min
 Lab File: BG036056.D
 Acq: 2 Aug 2018 12:09

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	20.3		15.7	23.5
179	17.4		12.5	18.7





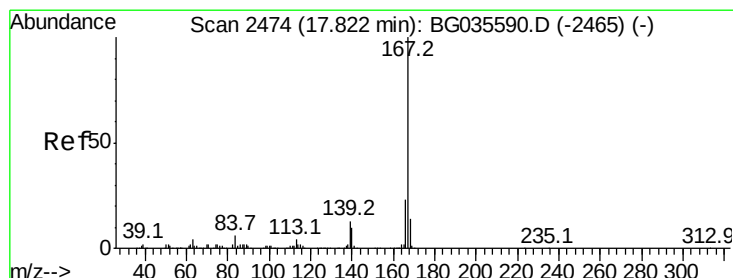
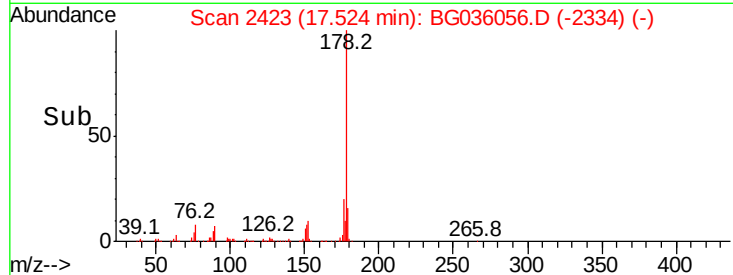
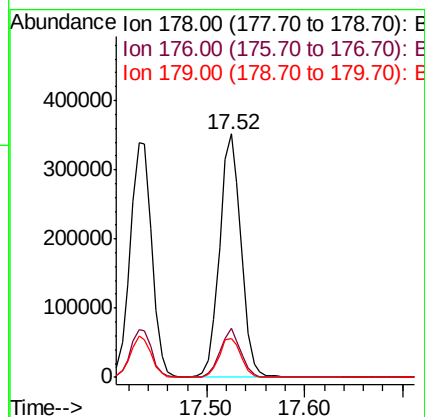
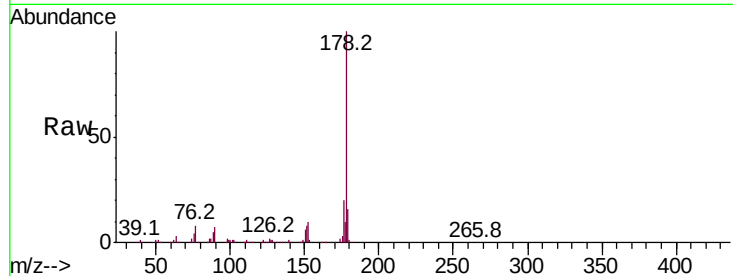
#71
 Anthracene
 Concen: 47.458 ng
 RT: 17.52 min Scan# 2423
 Delta R.T. -0.00 min
 Lab File: BG036056.D
 Acq: 2 Aug 2018 12:09

Instrument :
 BNA_G
 ClientSampleId :
 PB111684BS

Tot Ion:	178	Resp:	532084
Ion Ratio	Lower	Upper	
178	100		
176	20.3	16.0	24.0
179	15.9	12.5	18.7

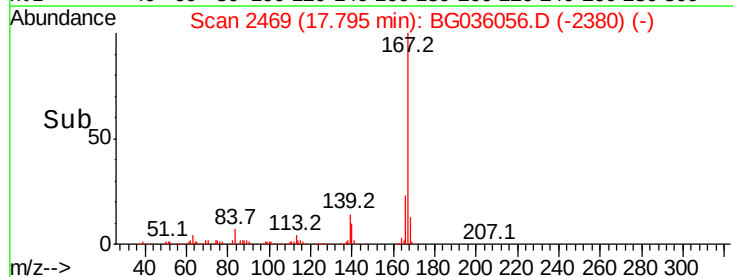
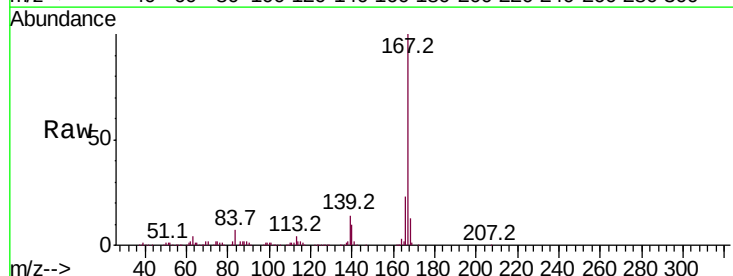
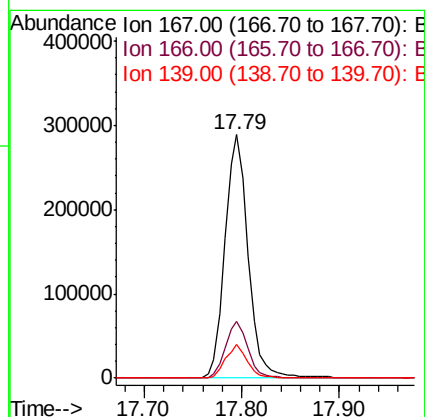
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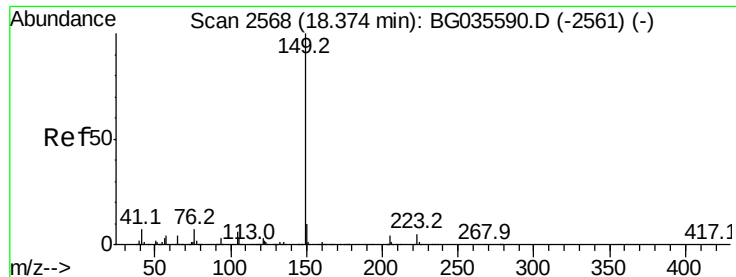
Sohil
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#72
 Carbazole
 Concen: 44.664 ng
 RT: 17.79 min Scan# 2469
 Delta R.T. -0.00 min
 Lab File: BG036056.D
 Acq: 2 Aug 2018 12:09

Tgt Ion:	167	Resp:	475559
Ion Ratio	Lower	Upper	
167	100		
166	23.3	18.2	27.4
139	13.9	9.4	14.2





#73

Di-n-butylphthalate

Concen: 43.992 ng

RT: 18.34 min Scan# 2562

Delta R.T. -0.01 min

Lab File: BG036056.D

Acq: 2 Aug 2018 12:09

Instrument :

BNA_G

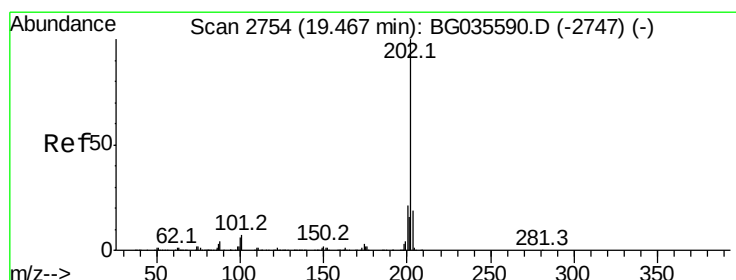
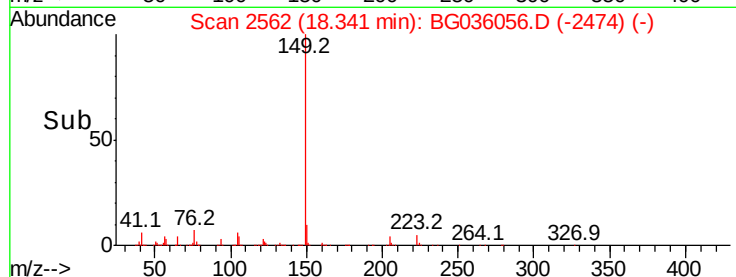
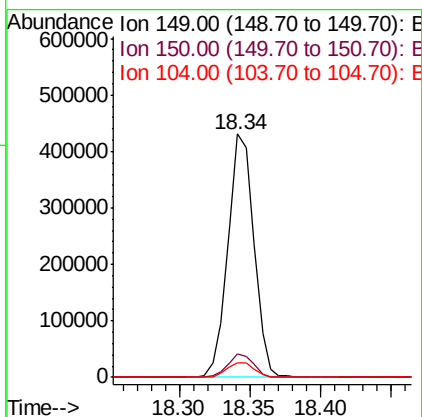
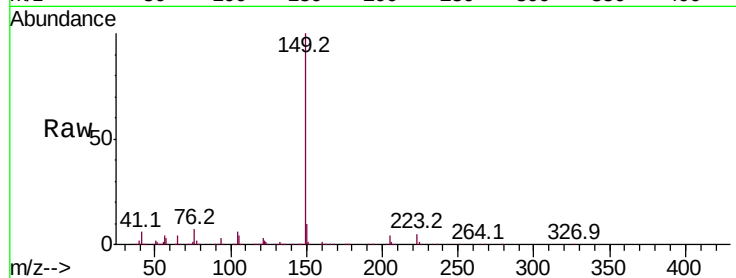
ClientSampleId :

PB111684BS

Tot Ion:	149	Resp:	553519
Ion Ratio	Lower	Upper	
149	100		
150	9.7	7.8	11.6
104	6.2	3.9	5.9#

Manual Integrations
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#74

Fluoranthene

Concen: 46.060 ng

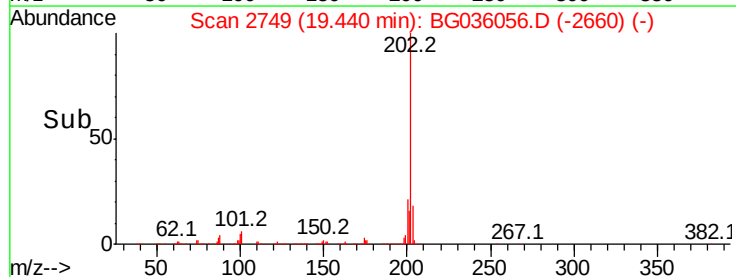
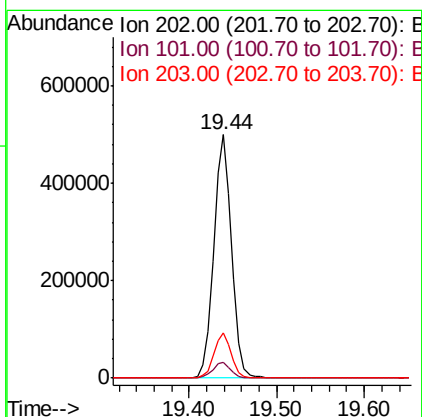
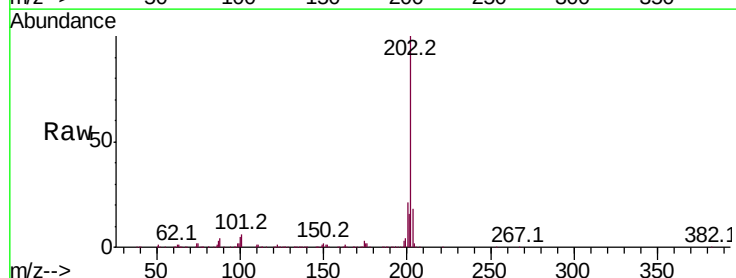
RT: 19.44 min Scan# 2749

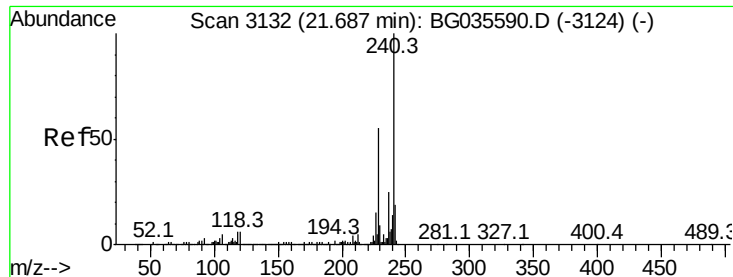
Delta R.T. -0.00 min

Lab File: BG036056.D

Acq: 2 Aug 2018 12:09

Tgt Ion:	202	Resp:	698586
Ion Ratio	Lower	Upper	
202	100		
101	6.2	0.0	28.9
203	18.4	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3126

Delta R.T. -0.00 min

Lab File: BG036056.D

Acq: 2 Aug 2018 12:09

Instrument :

BNA_G

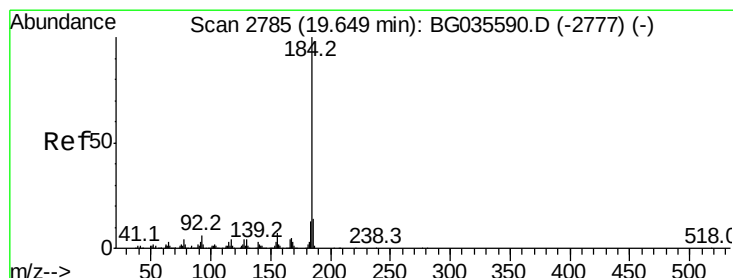
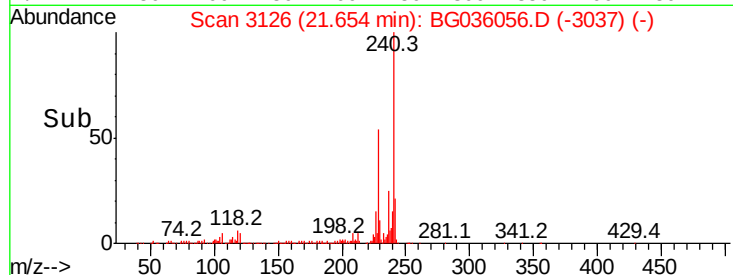
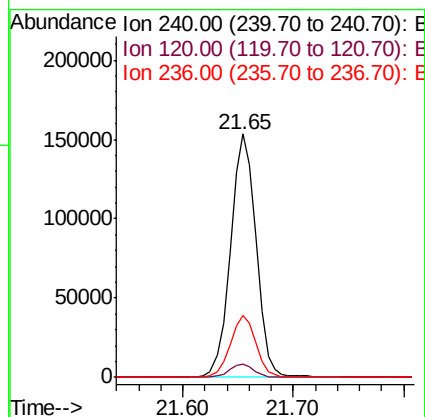
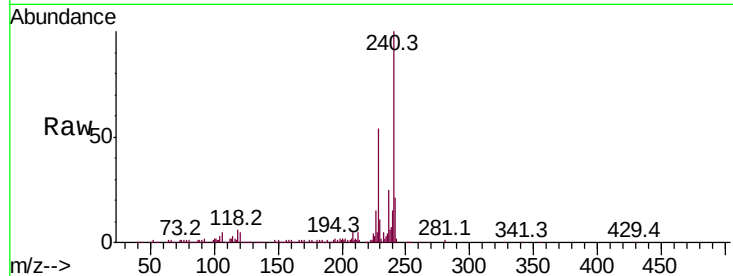
ClientSampleId :

PB111684BS

Tot Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	5.3	6.8	10.2#
236	25.3	20.9	31.3

Manual Integrations
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#76

Benzidine

Concen: 32.087 ng

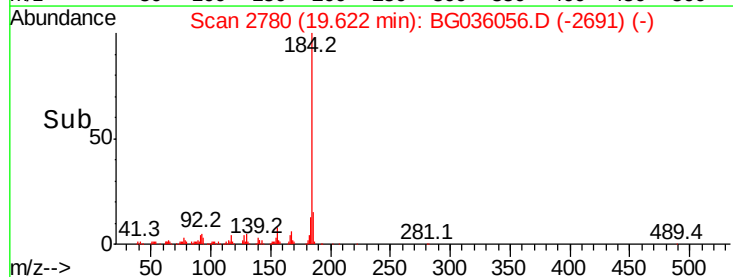
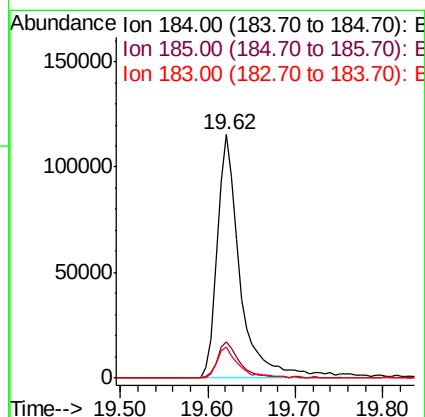
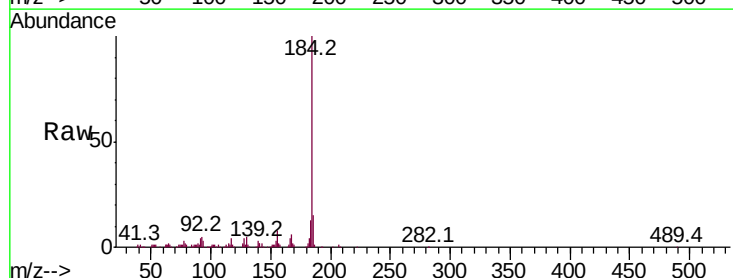
RT: 19.62 min Scan# 2780

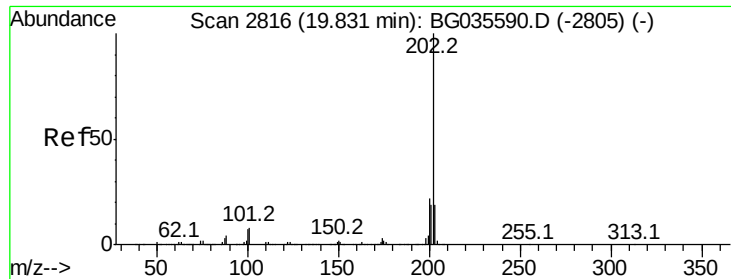
Delta R.T. -0.00 min

Lab File: BG036056.D

Acq: 2 Aug 2018 12:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
184	100		
185	14.8	11.1	16.7
183	12.7	10.6	16.0





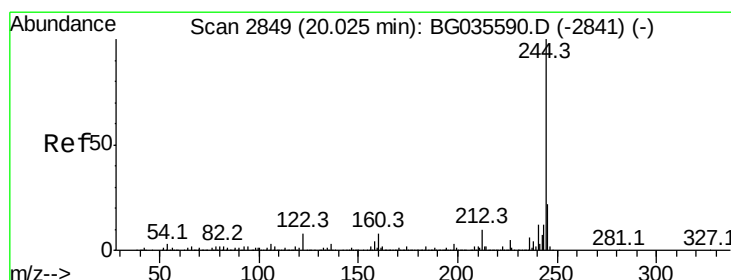
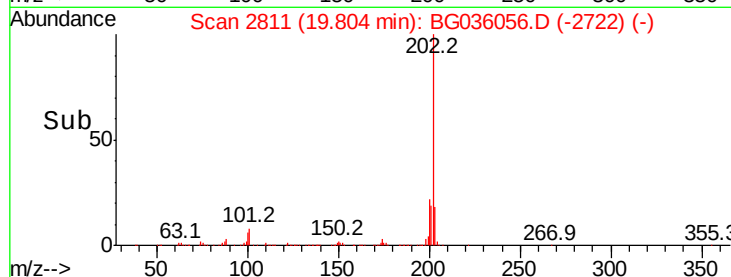
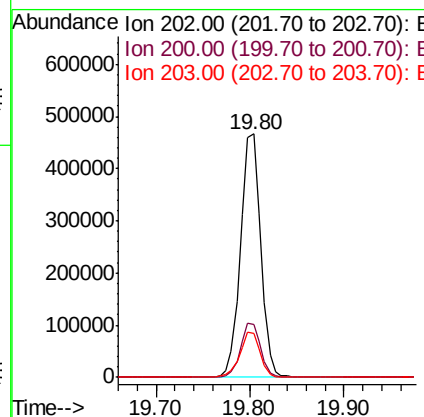
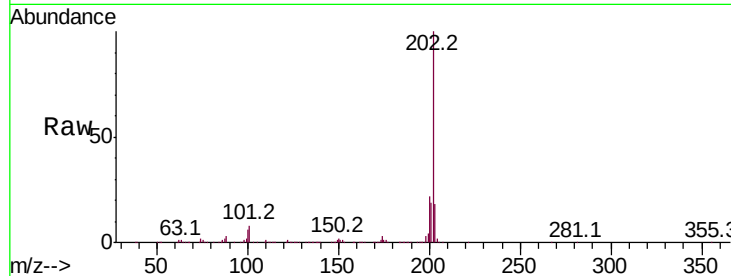
#77
Pvrene
Concen: 44.405 ng
RT: 19.80 min Scan# 2811
Delta R.T. -0.00 min
Lab File: BG036056.D
Acq: 2 Aug 2018 12:09

Instrument :
BNA_G
ClientSampleId :
PB111684BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.8	16.9	25.3
203	18.0	13.9	20.9

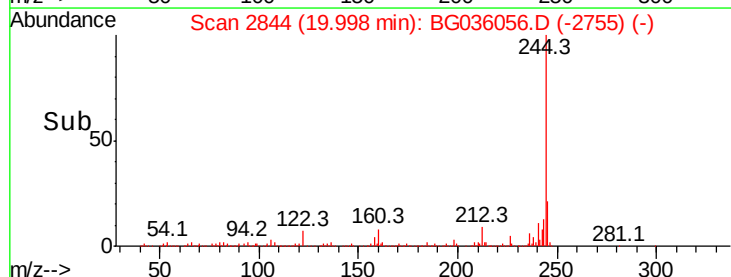
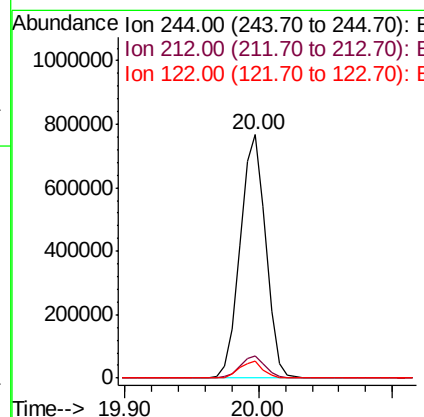
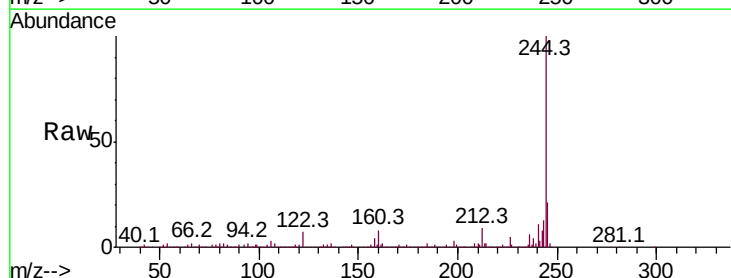
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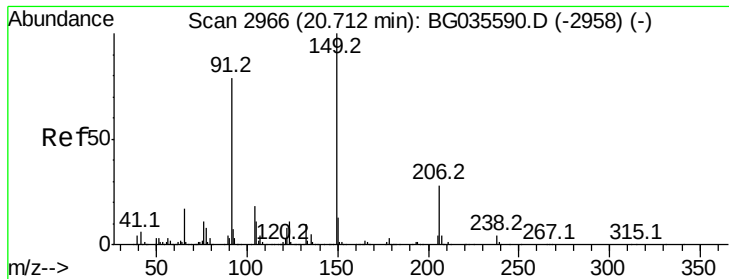
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#78
Terphenyl-d14
Concen: 90.240 ng
RT: 20.00 min Scan# 2844
Delta R.T. -0.00 min
Lab File: BG036056.D
Acq: 2 Aug 2018 12:09

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	9.2	5.8	8.8#
122	6.9	7.0	10.4#





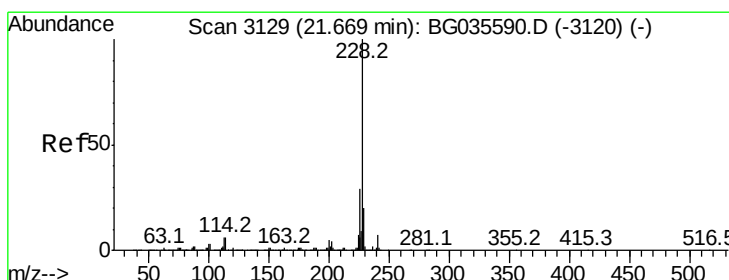
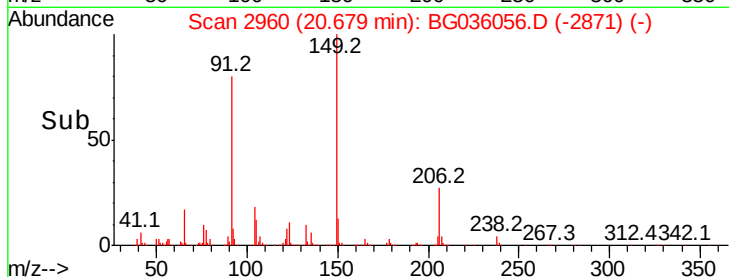
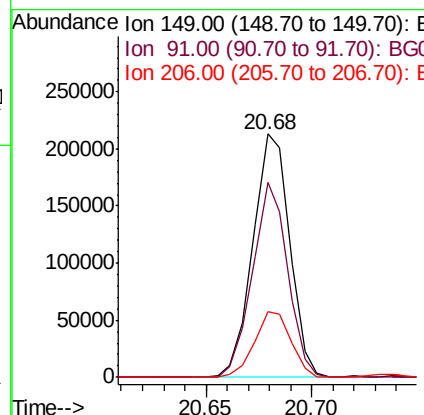
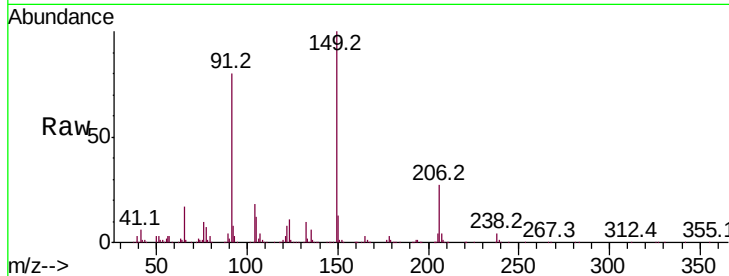
#79
Butylbenzylphthalate
Concen: 46.042 ng
RT: 20.68 min Scan# 2960
Delta R.T. -0.00 min
Lab File: BG036056.D
Acq: 2 Aug 2018 12:09

Instrument :
BNA_G
ClientSampleId :
PB111684BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	80.1	62.2	93.2
206	27.0	18.6	27.8

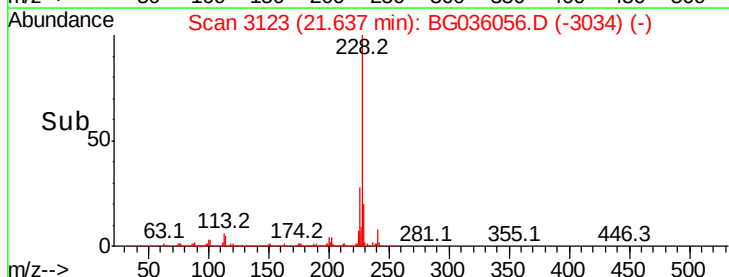
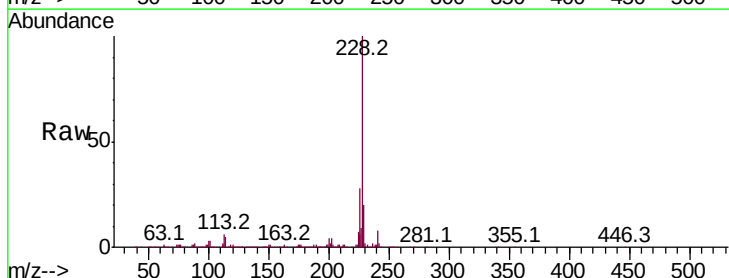
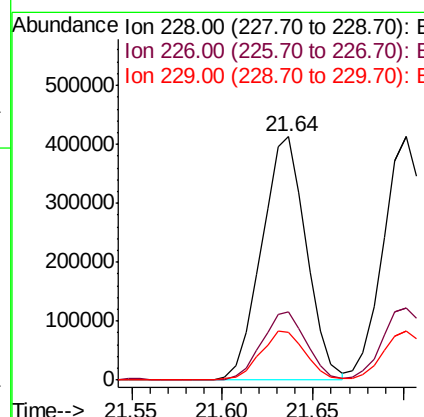
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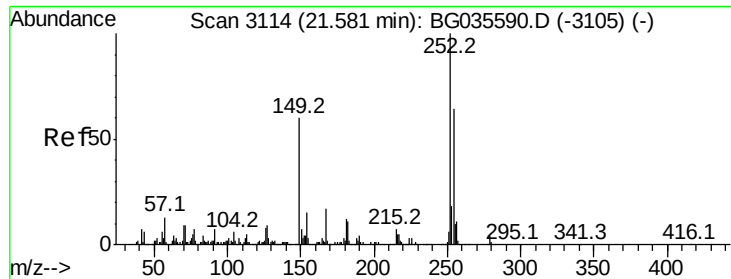
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#80
Benzo(a)anthracene
Concen: 45.846 ng
RT: 21.64 min Scan# 3123
Delta R.T. -0.00 min
Lab File: BG036056.D
Acq: 2 Aug 2018 12:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.7	34.1
229	19.8	16.2	24.2





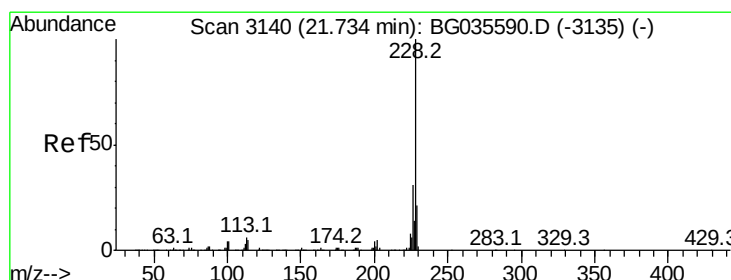
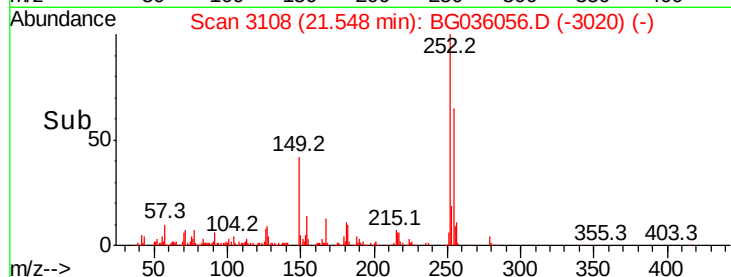
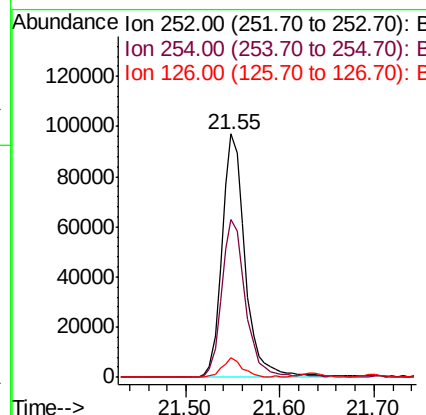
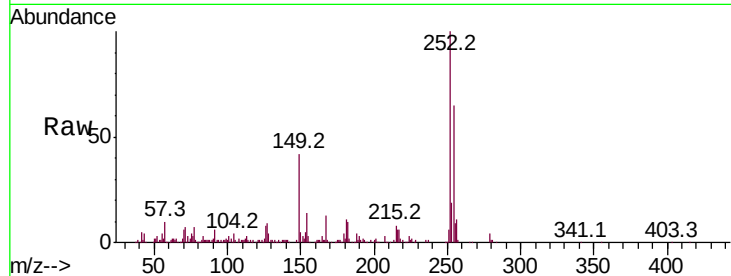
#81
 3,3'-Dichlorobenzidine
 Concen: 30.872 ng
 RT: 21.55 min Scan# 3108
 Delta R.T. -0.01 min
 Lab File: BG036056.D
 Acq: 2 Aug 2018 12:09

Instrument :
 BNA_G
 ClientSampleId :
 PB111684BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.1	50.8	76.2
126	8.1	7.4	11.2

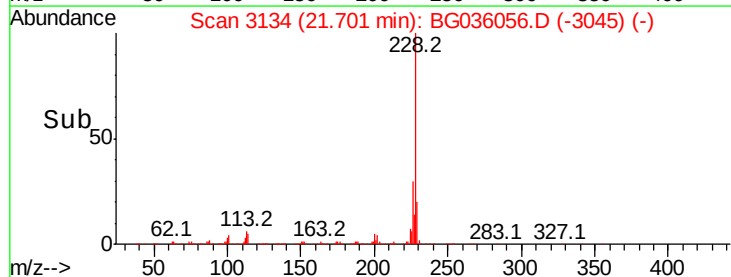
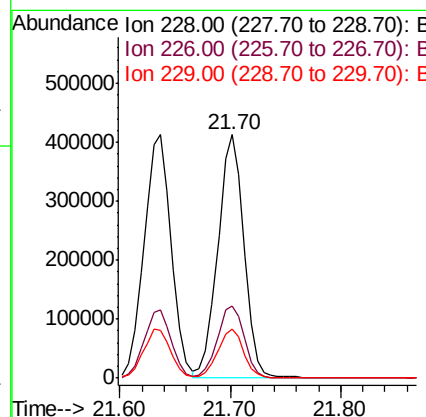
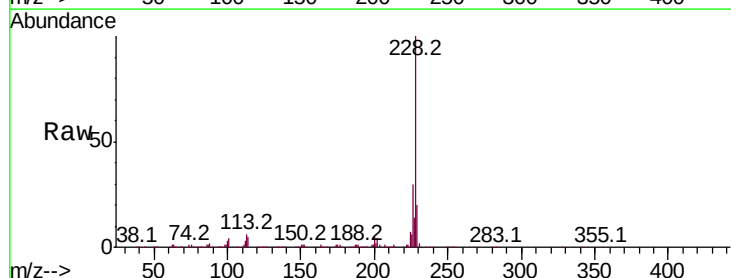
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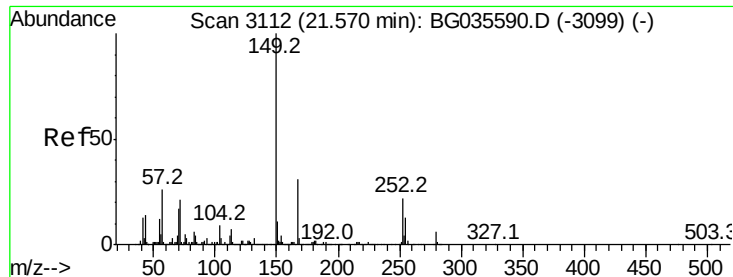
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#82
 Chrysene
 Concen: 46.916 ng
 RT: 21.70 min Scan# 3134
 Delta R.T. -0.00 min
 Lab File: BG036056.D
 Acq: 2 Aug 2018 12:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.9	37.3
229	19.9	15.0	22.4





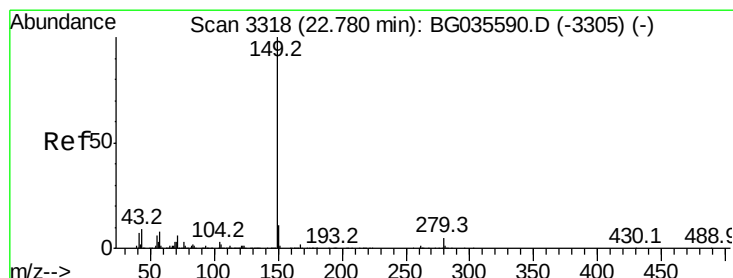
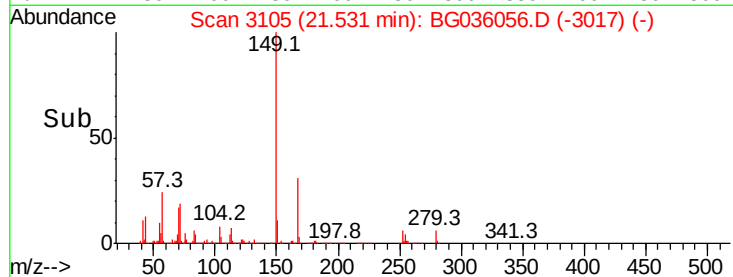
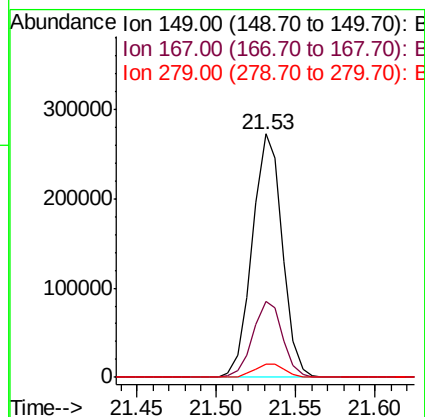
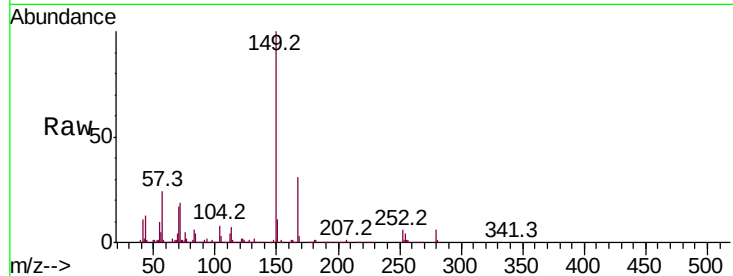
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.846 ng
 RT: 21.53 min Scan# 3105
 Delta R.T. -0.01 min
 Lab File: BG036056.D
 Acq: 2 Aug 2018 12:09

Instrument :
 BNA_G
 ClientSampleId :
 PB111684BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	31.1	24.3	36.5
279	5.5	4.0	6.0

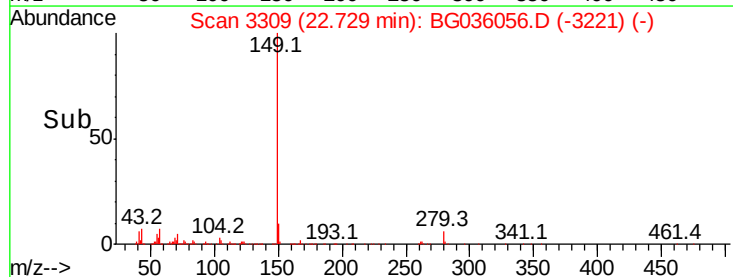
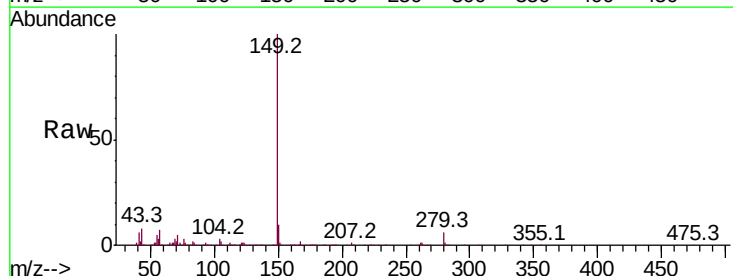
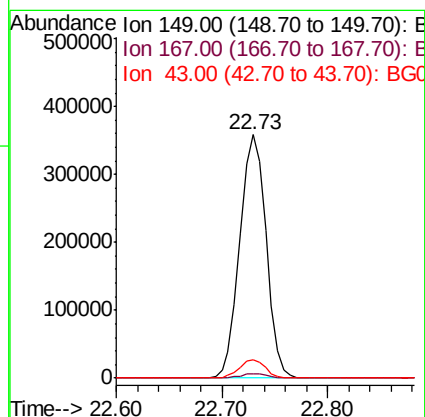
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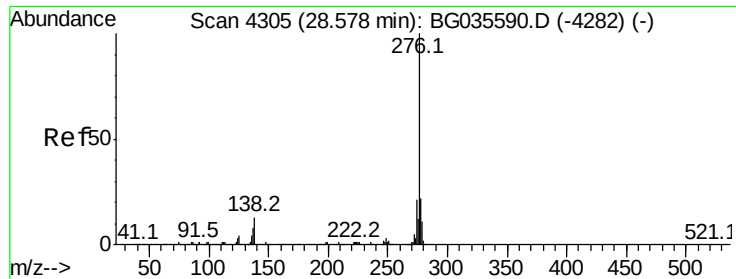
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#84
 Di-n-octyl phthalate
 Concen: 48.332 ng
 RT: 22.73 min Scan# 3309
 Delta R.T. -0.01 min
 Lab File: BG036056.D
 Acq: 2 Aug 2018 12:09

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	7.6	8.9	13.3#





#85

Indeno(1,2,3-cd)pyrene

Concen: 48.294 ng

RT: 28.48 min Scan# 4288

Delta R.T. -0.02 min

Lab File: BG036056.D

Acq: 2 Aug 2018 12:09

Instrument :

BNA_G

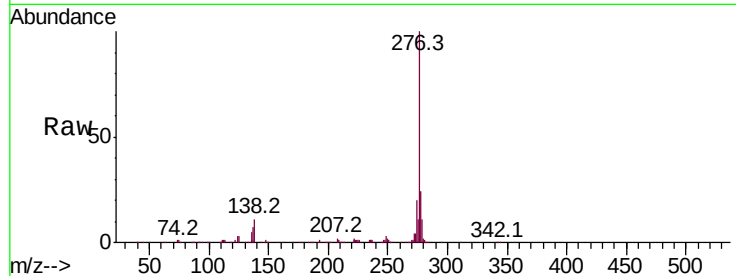
ClientSampleId :

PB111684BS

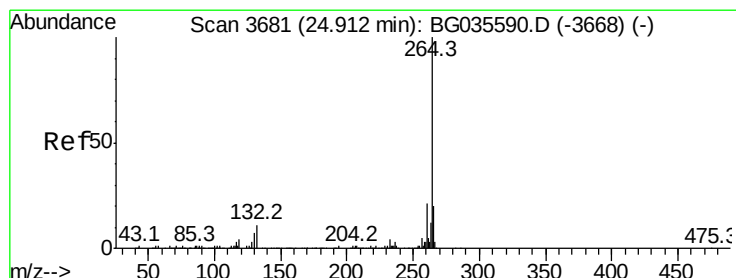
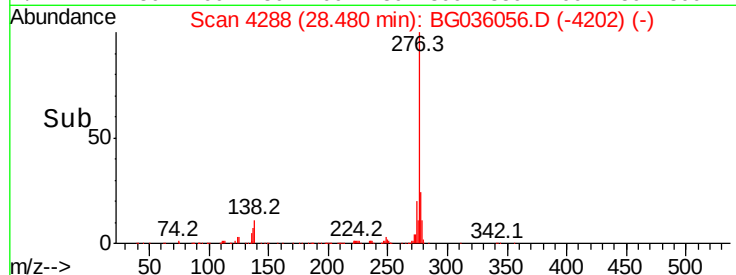
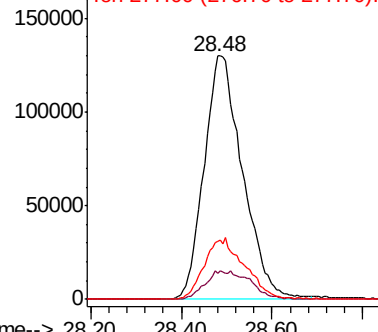
Tot Ion:	276	Resp:	768097
Ion Ratio	Lower	Upper	
276	100		
138	6.9	16.0	24.0#
277	0.0	20.0	30.0#

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



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.84 min Scan# 3669

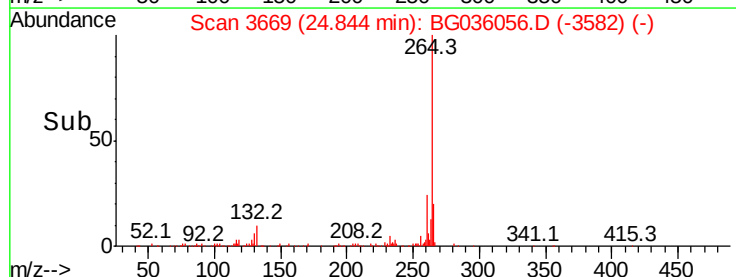
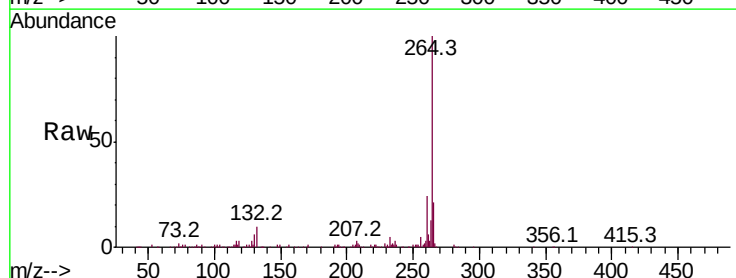
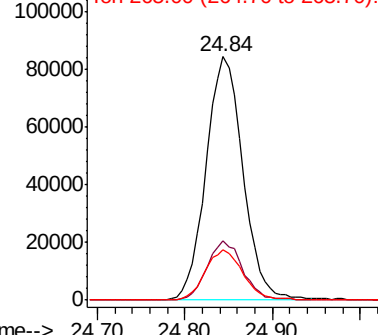
Delta R.T. -0.02 min

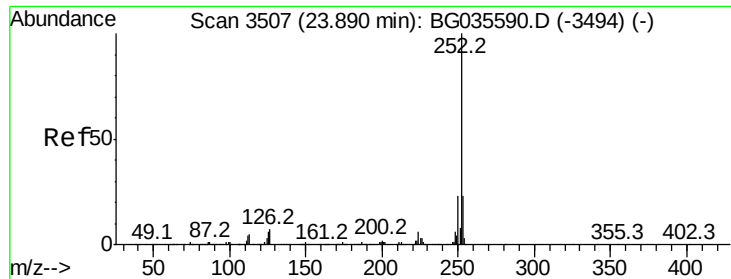
Lab File: BG036056.D

Acq: 2 Aug 2018 12:09

Tgt Ion:	264	Resp:	240854
Ion Ratio	Lower	Upper	
264	100		
260	24.3	17.4	26.0
265	20.6	17.7	26.5

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





#87

Benzo(b)fluoranthene

Concen: 47.028 ng

RT: 23.83 min Scan# 3497

Delta R.T. -0.01 min

Lab File: BG036056.D

Acq: 2 Aug 2018 12:09

Instrument :

BNA_G

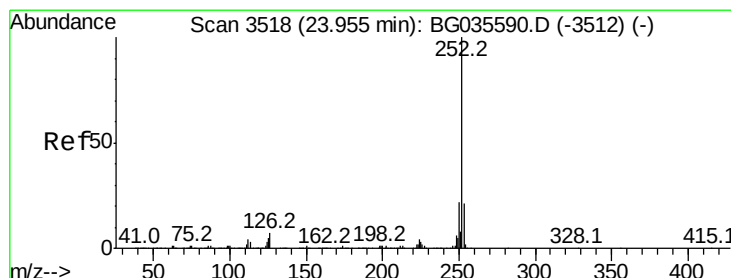
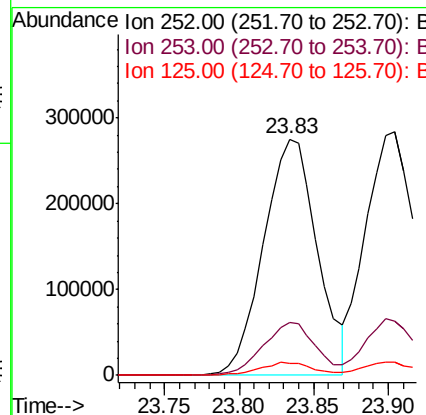
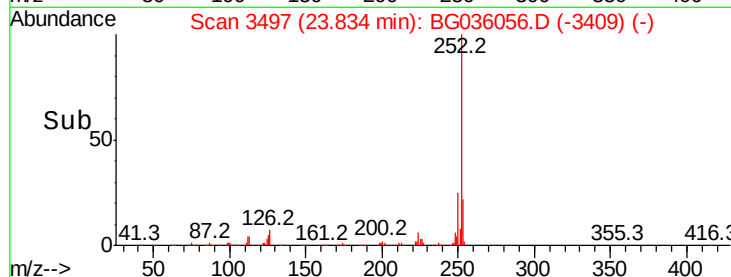
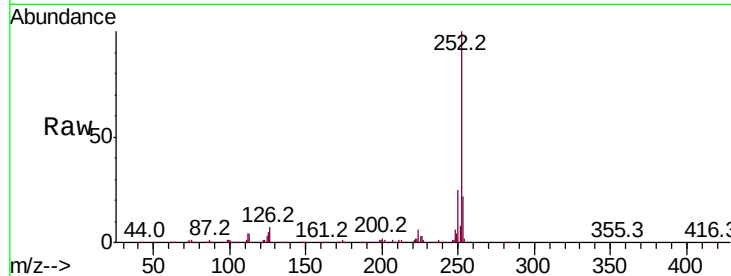
ClientSampleId :

PB111684BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	688451		
253	22.1	18.2	27.4	
125	5.3	7.2	10.8	

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#88

Benzo(k)fluoranthene

Concen: 45.700 ng

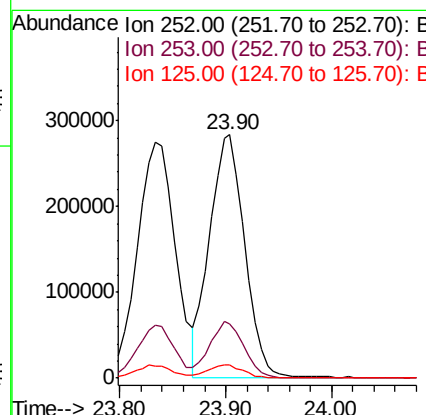
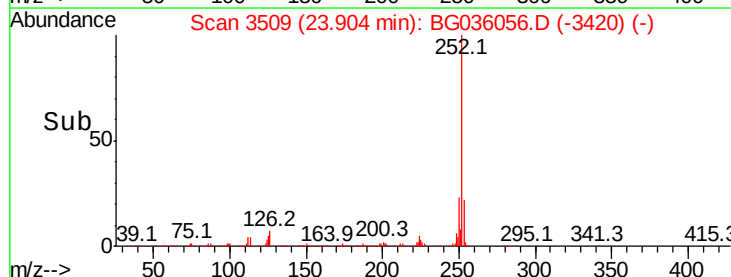
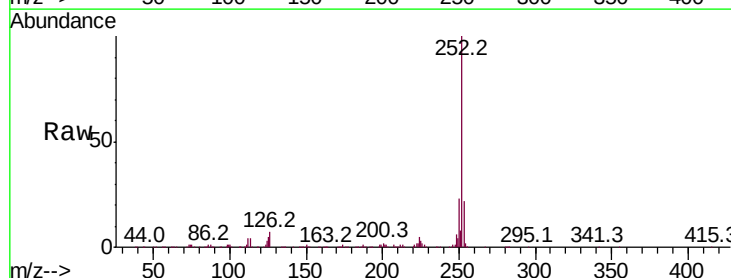
RT: 23.90 min Scan# 3509

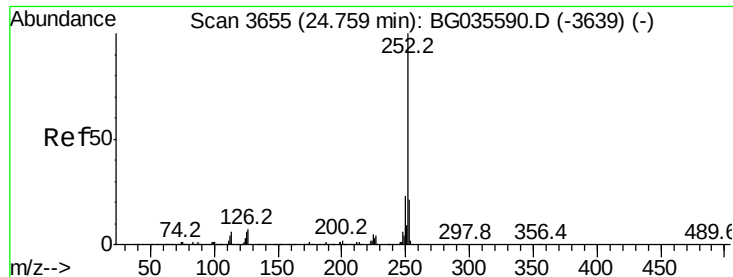
Delta R.T. -0.00 min

Lab File: BG036056.D

Acq: 2 Aug 2018 12:09

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	654050		
253	22.4	17.4	26.2	
125	5.5	6.6	9.8	





#89

Benzo(a)pyrene

Concen: 48.451 ng

RT: 24.70 min Scan# 3644

Delta R.T. -0.01 min

Lab File: BG036056.D

Acq: 2 Aug 2018 12:09

Instrument :

BNA_G

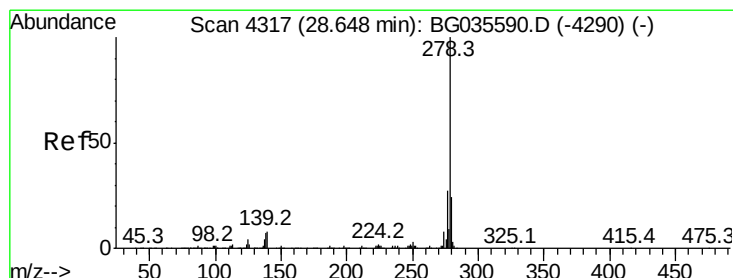
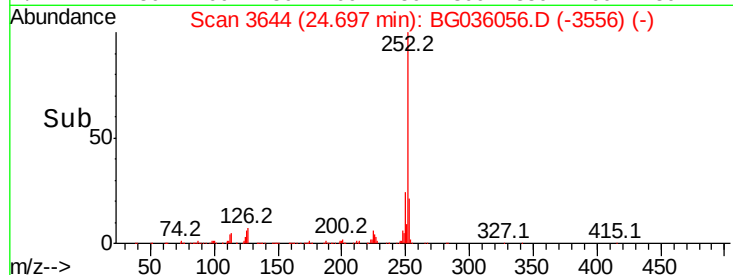
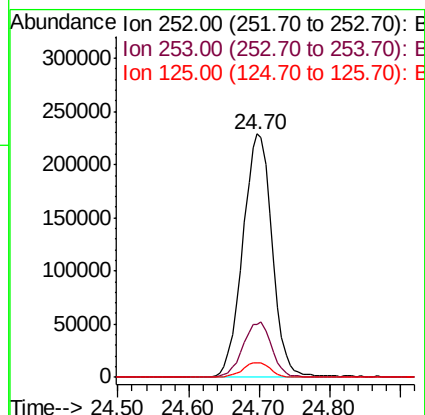
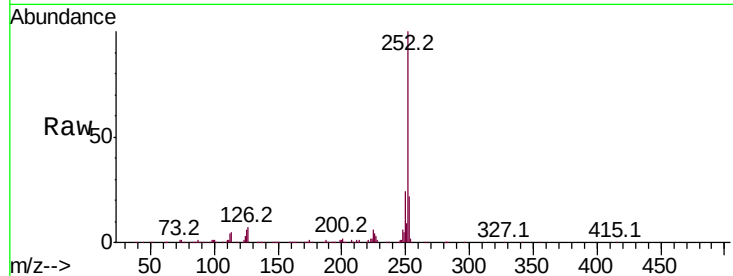
ClientSampleId :

PB111684BS

Tot Ion:	252	Resp:	659851
Ion Ratio	Lower	Upper	
252	100		
253	21.6	18.3	27.5
125	6.0	7.3	10.9#

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#90

Dibenzo(a,h)anthracene

Concen: 47.277 ng

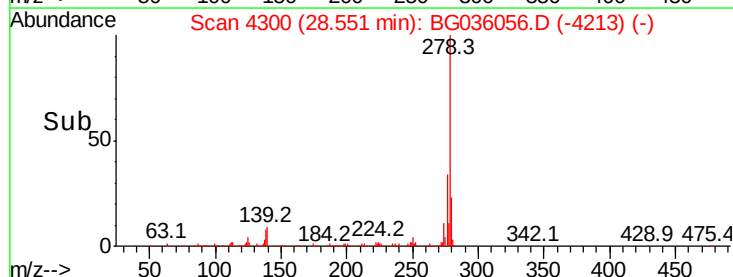
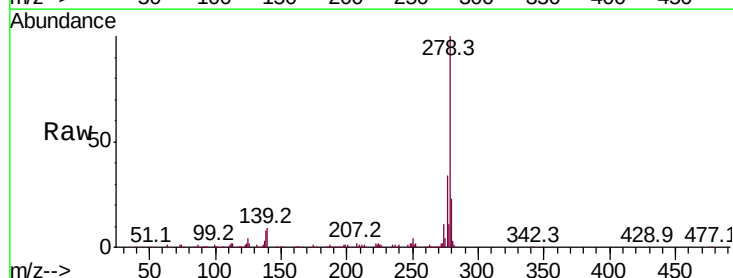
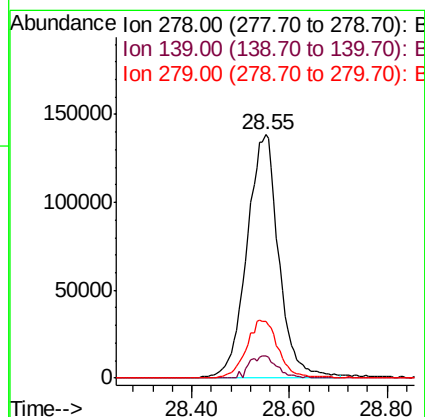
RT: 28.55 min Scan# 4300

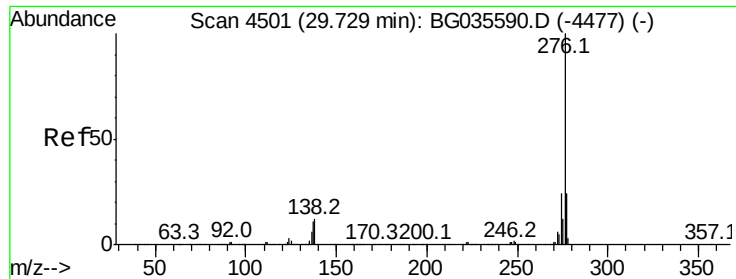
Delta R.T. -0.02 min

Lab File: BG036056.D

Acq: 2 Aug 2018 12:09

Tgt Ion:	278	Resp:	632117
Ion Ratio	Lower	Upper	
278	100		
139	9.1	9.8	14.6#
279	23.3	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 48.227 ng
 RT: 29.63 min Scan# 4484
 Delta R.T. -0.00 min
 Lab File: BG036056.D
 Acq: 2 Aug 2018 12:09

Instrument :
 BNA_G
 ClientSampleId :
 PB111684BS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	23.1	18.3	27.5
138	12.0	13.9	20.9

Manual Integrations
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