

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080718\
 Data File : BG036184.D
 Acq On : 8 Aug 2018 6:11
 Operator : JU/SJ
 Sample : PB111739BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111739BS

Manual Integrations
 APPROVED

Sohil
 8/8/2018 5:34:41 PM

Quant Time: Aug 08 07:45:21 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	8.00	152	26645	20.00	ng	-0.02
21) Naphthalene-d8	10.81	136	100811	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	72871	20.00	ng	-0.02
63) Phenanthrene-d10	17.38	188	213229	20.00	ng	-0.01
75) Chrysene-d12	21.65	240	244183	20.00	ng	-0.01
86) Perylene-d12	24.82	264	238911	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	221071	137.75	ng	0.00
7) Phenol-d6	7.18	99	309551	129.28	ng	-0.01
23) Nitrobenzene-d5	9.17	82	204610	84.79	ng	-0.02
41) 2,4,6-Tribromophenol	16.12	330	156654	163.10	ng	-0.02
44) 2-Fluorobiphenyl	13.26	172	475625	87.44	ng	-0.02
78) Terphenyl-d14	19.99	244	1048632	94.66	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	28767	35.218	ng	# 74
3) Pyridine	3.90	79	77905	36.533	ng	# 73
4) n-Nitrosodimethylamine	3.82	42	32949	35.985	ng	# 87
6) Aniline	7.34	93	94259	30.371	ng	96
8) 2-Chlorophenol	7.58	128	73730	45.171	ng	97
9) Benzaldehyde	7.15	77	40568	27.612	ng	95
10) Phenol	7.21	94	102689	42.449	ng	88
11) bis(2-Chloroethyl)ether	7.43	93	74501	39.324	ng	86
12) 1,3-Dichlorobenzene	7.90	146	85335	43.293	ng	97
13) 1,4-Dichlorobenzene	8.05	146	86940	43.411	ng	95
14) 1,2-Dichlorobenzene	8.36	146	82010	42.626	ng	94
15) Benzyl Alcohol	8.25	79	81547	37.503	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.53	45	76585	48.217	ng	76
17) 2-Methylphenol	8.46	107	70246	42.709	ng	# 89
18) Hexachloroethane	9.09	117	32577	42.543	ng	87
19) n-Nitroso-di-n-propylamine	8.81	70	66297	32.880	ng	# 83
20) 3+4-Methylphenols	8.79	107	90917	39.845	ng	85
22) Acetophenone	8.83	105	126030	40.202	ng	# 89
24) Nitrobenzene	9.21	77	102927	42.410	ng	94
25) Isophorone	9.73	82	187103	41.767	ng	# 98
26) 2-Nitrophenol	9.93	139	42474	49.278	ng	# 83
27) 2,4-Dimethylphenol	9.98	122	69485	47.625	ng	85
28) bis(2-Chloroethoxy)methane	10.21	93	98910	40.070	ng	97
29) 2,4-Dichlorophenol	10.47	162	82841	49.740	ng	98
30) 1,2,4-Trichlorobenzene	10.67	180	94593	46.318	ng	98
31) Naphthalene	10.86	128	223620	42.583	ng	98
32) Benzoic acid	10.15	122	24859m	25.310	ng	
33) 4-Chloroaniline	10.98	127	60721	26.530	ng	# 93
34) Hexachlorobutadiene	11.14	225	75157	47.194	ng	96
35) Caprolactam	11.75	113	27674m	38.720	ng	
36) 4-Chloro-3-methylphenol	12.10	107	97322	43.595	ng	96
37) 2-Methylnaphthalene	12.46	142	175025	44.737	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	124764	45.362	ng	98
40) Hexachlorocyclopentadiene	12.80	237	156555	108.536	ng	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.07	196	77840	48.395	ng	94
43) 2,4,5-Trichlorophenol	13.16	196	85553	47.546	ng	97
45) 1,1'-Biphenyl	13.47	154	238161	42.155	ng	98
46) 2-Chloronaphthalene	13.51	162	190713	43.398	ng	99
47) 2-Nitroaniline	13.71	65	64919	41.786	ng	97
48) Acenaphthylene	14.35	152	314591	42.735	ng	96
49) Dimethylphthalate	14.09	163	267867	41.955	ng	98
50) 2,6-Dinitrotoluene	14.21	165	62349	47.956	ng	94
51) Acenaphthene	14.70	154	179226	39.084	ng	98
52) 3-Nitroaniline	14.54	138	43939	33.066	ng #	96
53) 2,4-Dinitrophenol	14.75	184	55709	83.051	ng #	65
54) Dibenzofuran	15.03	168	319604	43.824	ng	94
55) 4-Nitrophenol	14.87	139	73965	78.159	ng #	84
56) 2,4-Dinitrotoluene	15.00	165	96534	51.755	ng #	81
57) Fluorene	15.68	166	268800	43.976	ng	95
58) 2,3,4,6-Tetrachlorophenol	15.26	232	89025	51.602	ng #	93
59) Diethylphthalate	15.45	149	268059	40.832	ng	98
60) 4-Chlorophenyl-phenylether	15.67	204	156452	43.548	ng	98
61) 4-Nitroaniline	15.71	138	61528	44.264	ng #	79
62) Azobenzene	15.96	77	271733	41.962	ng	94
64) 4,6-Dinitro-2-methylphenol	15.76	198	53725	45.262	ng	89
65) n-Nitrosodiphenylamine	15.89	169	238539	39.303	ng	98
66) 4-Bromophenyl-phenylether	16.56	248	107345	43.392	ng	96
67) Hexachlorobenzene	16.69	284	109855	43.122	ng	95
68) Atrazine	16.83	200	114995	46.018	ng	95
69) Pentachlorophenol	17.03	266	103352	66.605	ng	96
70) Phenanthrene	17.42	178	449455	42.243	ng	98
71) Anthracene	17.51	178	457748	43.207	ng	98
72) Carbazole	17.79	167	431562	42.894	ng	98
73) Di-n-butylphthalate	18.33	149	486519	40.920	ng #	98
74) Fluoranthene	19.43	202	641393	44.754	ng	97
76) Benzidine	19.61	184	255254	39.761	ng	98
77) Pyrene	19.79	202	635204	41.140	ng	98
79) Butylbenzylphthalate	20.67	149	233989	42.379	ng	97
80) Benzo(a)anthracene	21.62	228	643959	42.319	ng	99
81) 3,3'-Dichlorobenzidine	21.54	252	173869	32.770	ng	97
82) Chrysene	21.69	228	597327	42.360	ng	98
83) Bis(2-ethylhexyl)phthalate	21.52	149	326108	43.444	ng #	99
84) Di-n-octyl phthalate	22.71	149	553155	44.012	ng #	92
85) Indeno(1,2,3-cd)pyrene	28.45	276	670497	42.948	ng #	88
87) Benzo(b)fluoranthene	23.82	252	605622	41.707	ng #	95
88) Benzo(k)fluoranthene	23.88	252	596433	42.013	ng #	97
89) Benzo(a)pyrene	24.68	252	585889	43.370	ng #	96
90) Dibenzo(a,h)anthracene	28.51	278	558217	42.090	ng #	95
91) Benzo(g,h,i)perylene	29.59	276	561944	43.300	ng #	92

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



#1

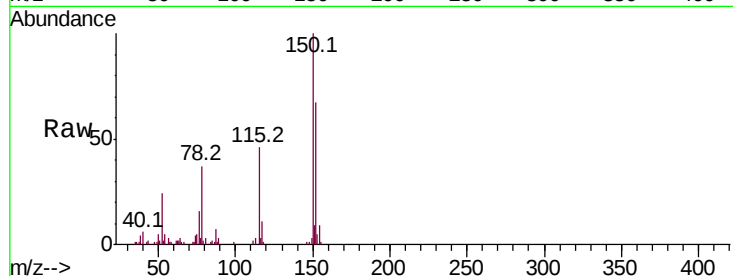
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 803
Delta R.T. -0.02 min
Lab File: BG036184.D
Acq: 8 Aug 2018 6:11

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PB111739BS

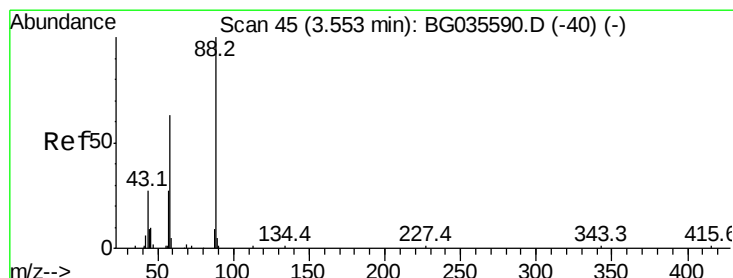
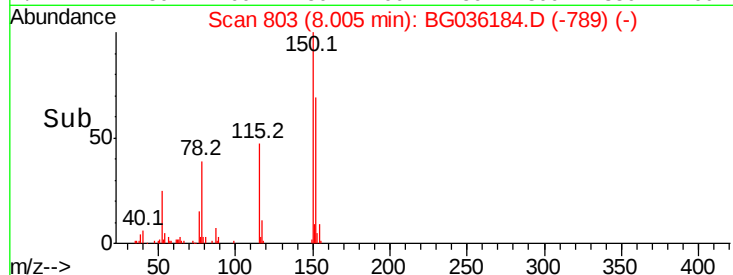
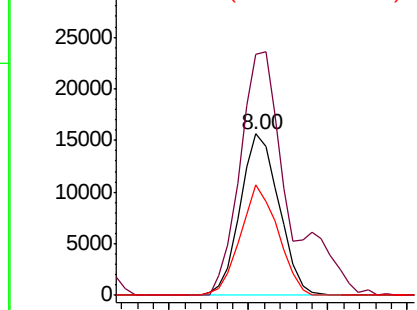
Tot Ion	Ratio	Lower	Upper
152	100		
150	149.3	126.6	189.8
115	68.2	53.0	79.4

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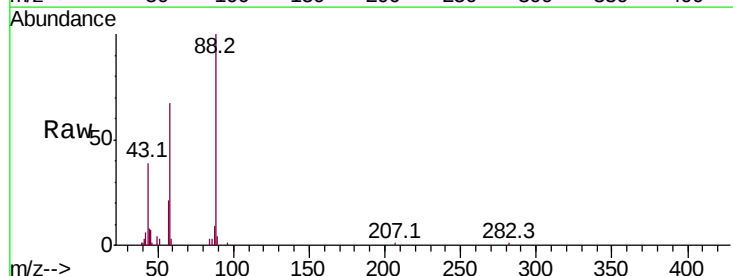
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



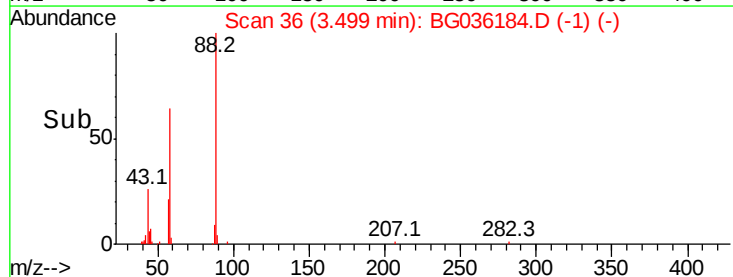
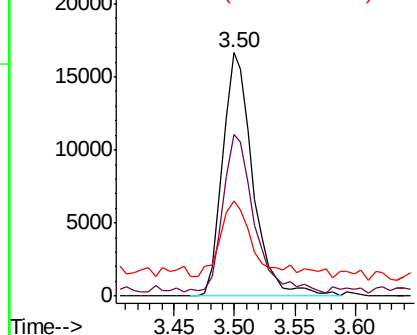
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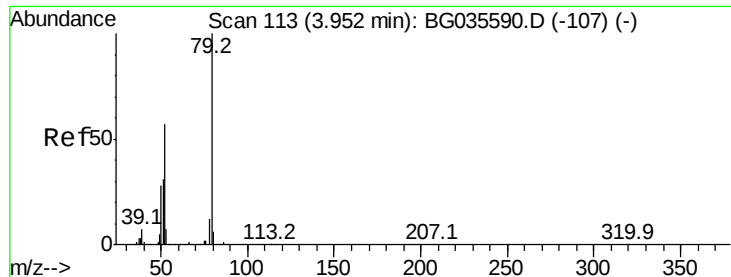
1,4-Dioxane
Concen: 35.218 ng
RT: 3.50 min Scan# 36
Delta R.T. -0.03 min
Lab File: BG036184.D
Acq: 8 Aug 2018 6:11

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.0	79.6	119.4#
43	30.6	27.4	41.0



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





#3

Pvridine

Concen: 36.533 ng

RT: 3.90 min Scan# 104

Delta R.T. -0.02 min

Lab File: BG036184.D

Acq: 8 Aug 2018 6:11

Instrument :

BNA_G

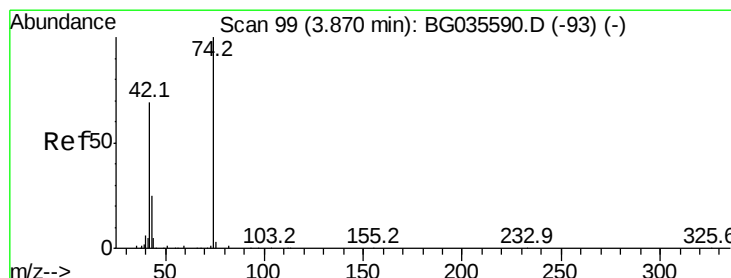
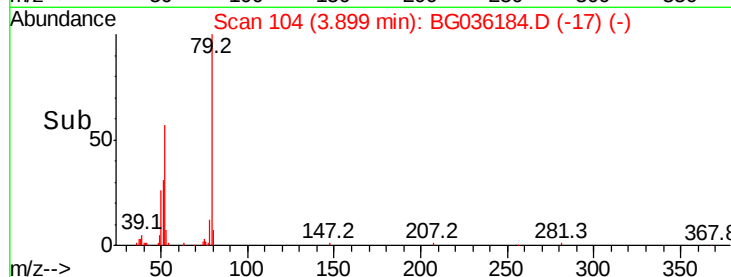
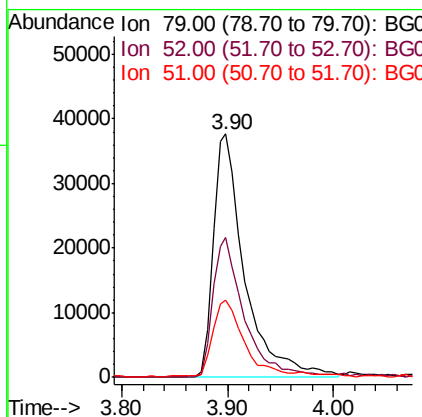
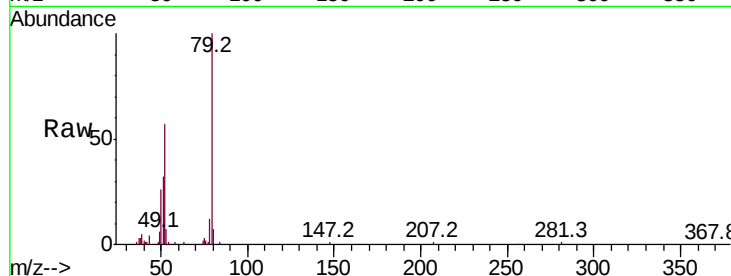
ClientSampleId :

PB111739BS

Tot Ion:	79	Resp:	77905
Ion Ratio	Lower	Upper	
79	100		
52	57.5	69.9	104.9#
51	31.8	34.0	51.0#

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#4

n-Nitrosodimethylamine

Concen: 35.985 ng

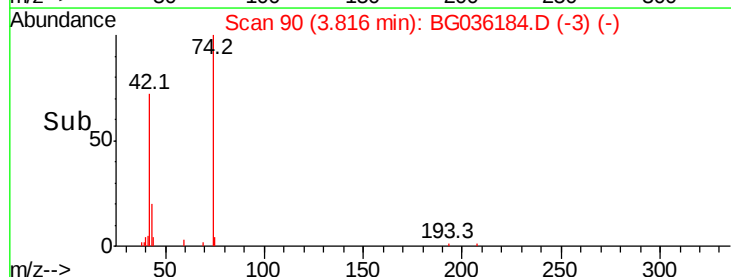
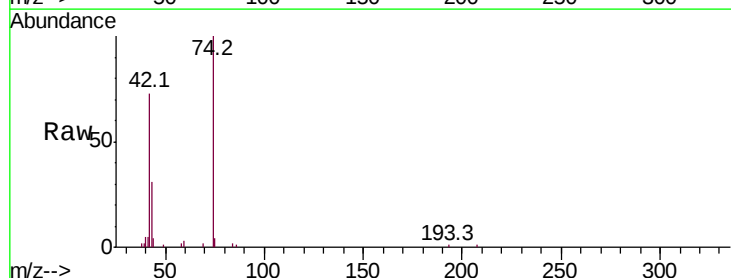
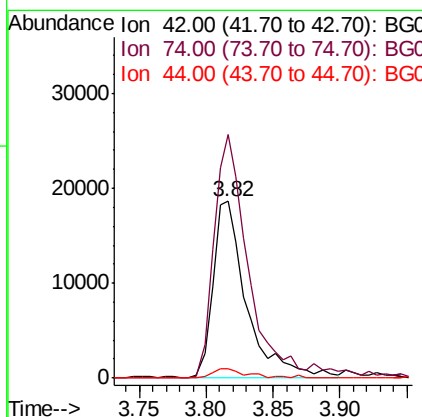
RT: 3.82 min Scan# 90

Delta R.T. -0.02 min

Lab File: BG036184.D

Acq: 8 Aug 2018 6:11

Tgt Ion:	42	Resp:	32949
Ion Ratio	Lower	Upper	
42	100		
74	137.8	102.5	153.7
44	5.4	18.9	28.3#





#5

2-Fluorophenol

Concen: 137.748 ng

RT: 5.60 min Scan# 393

Delta R.T. -0.01 min

Lab File: BG036184.D

Acq: 8 Aug 2018 6:11

Instrument :

BNA_G

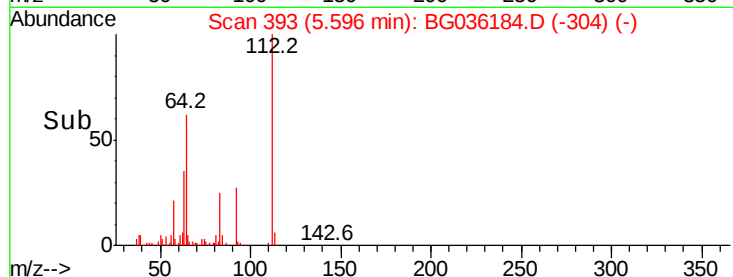
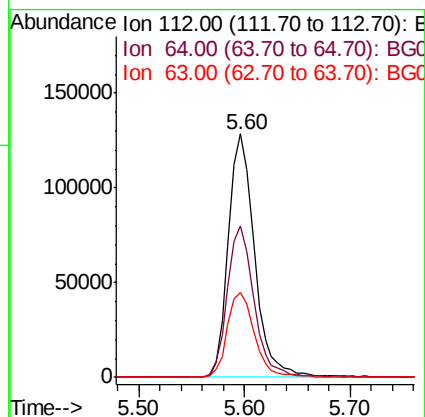
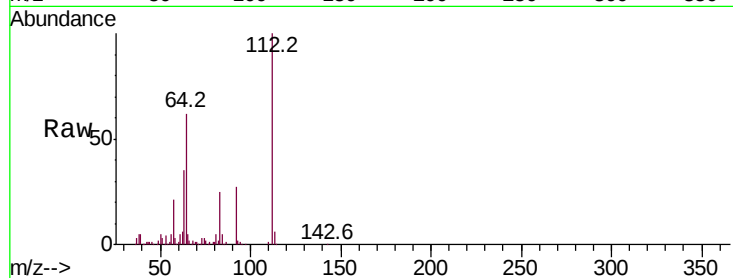
ClientSampleId :

PB111739BS

Tot Ion:	112	Resp:	221071
Ion Ratio	Lower	Upper	
112	100		
64	62.4	56.3	84.5
63	34.7	30.1	45.1

Manual Integrations
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#6

Aniline

Concen: 30.371 ng

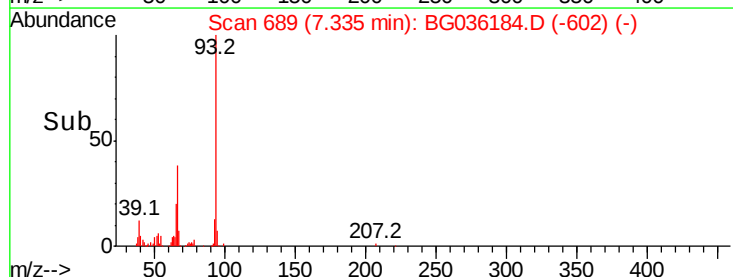
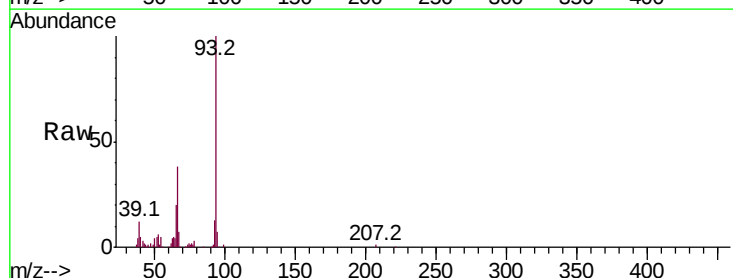
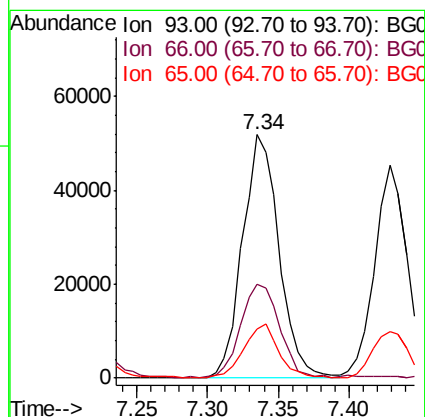
RT: 7.34 min Scan# 689

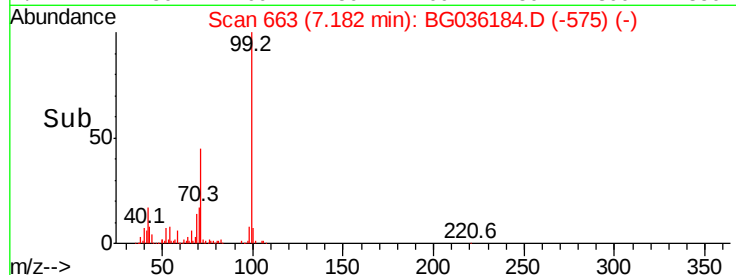
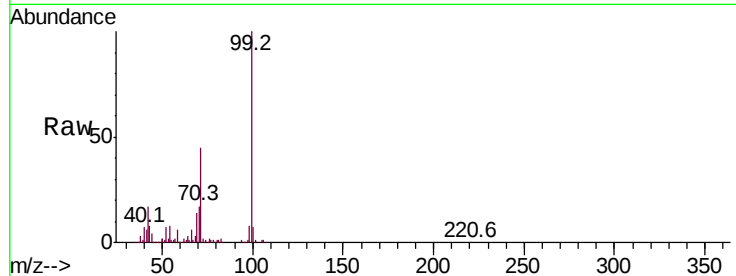
Delta R.T. -0.02 min

Lab File: BG036184.D

Acq: 8 Aug 2018 6:11

Tgt Ion:	93	Resp:	94259
Ion Ratio	Lower	Upper	
93	100		
66	38.3	33.7	50.5
65	20.3	16.1	24.1





#7

Phenol-d6

Concen: 129.277 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036184.D

Acq: 8 Aug 2018 6:11

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		309551		
42	17.2	14.1	21.1		
71	45.4	26.1	39.1#		

Instrument :

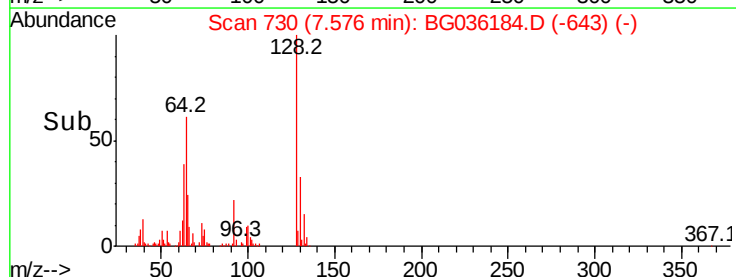
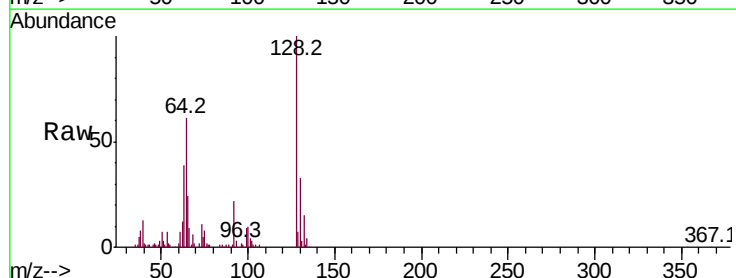
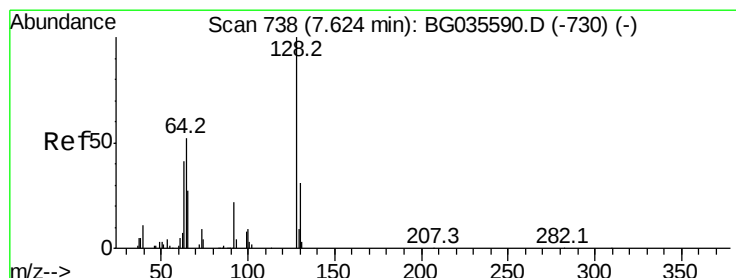
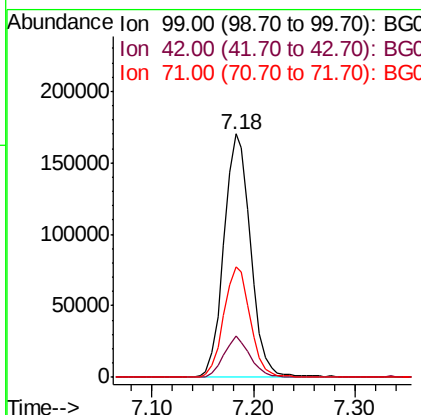
BNA_G

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#8

2-Chlorophenol

Concen: 45.171 ng

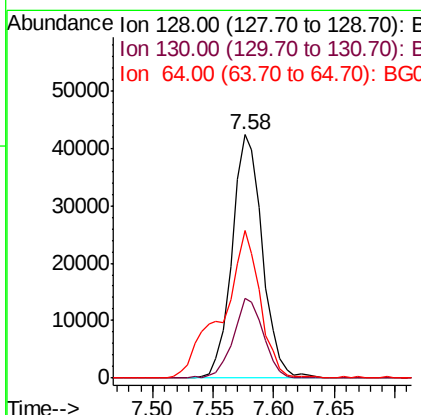
RT: 7.58 min Scan# 730

Delta R.T. -0.02 min

Lab File: BG036184.D

Acq: 8 Aug 2018 6:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		73730		
130	32.9	14.0	54.0		
64	60.5	37.7	77.7		





#9

Benzaldehyde

Concen: 27.612 ng

RT: 7.15 min Scan# 658

Delta R.T. -0.01 min

Lab File: BG036184.D

Acq: 8 Aug 2018 6:11

Instrument :

BNA_G

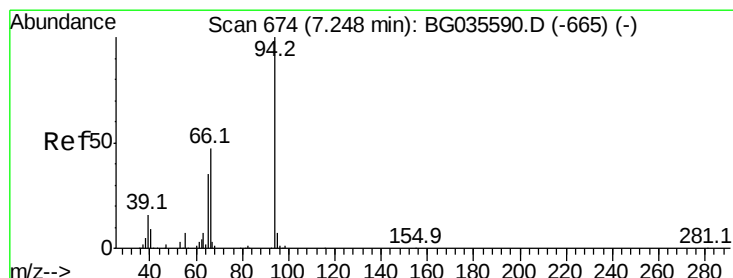
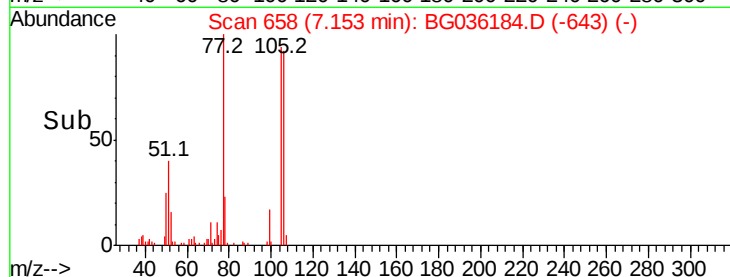
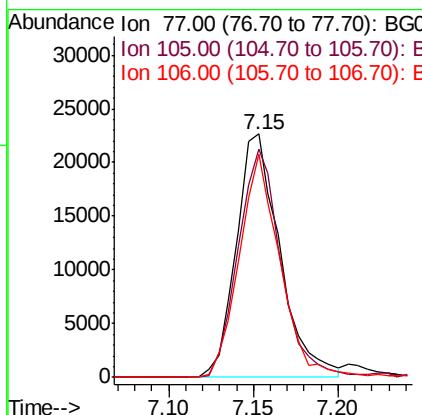
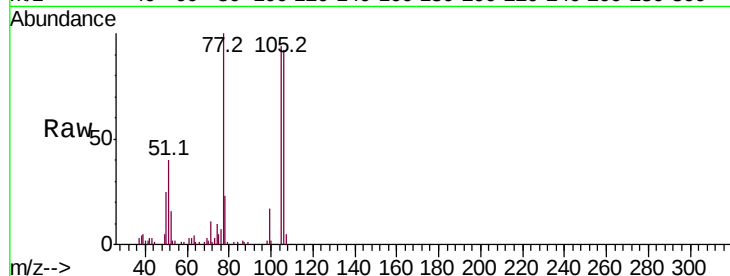
ClientSampleId :

PB111739BS

Tot Ion:	77	Resp:	40568
Ion	Ratio	Lower	Upper
77	100		
105	93.6	71.3	111.3
106	91.6	64.2	104.2

Manual Integrations
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#10

Phenol

Concen: 42.449 ng

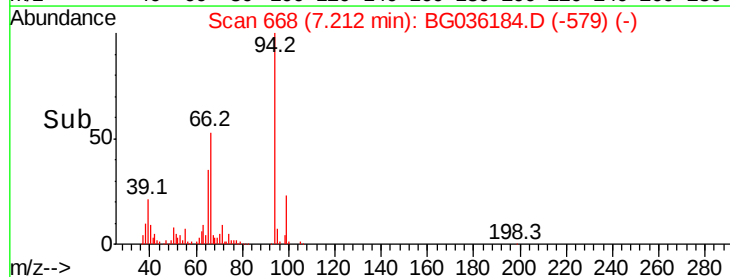
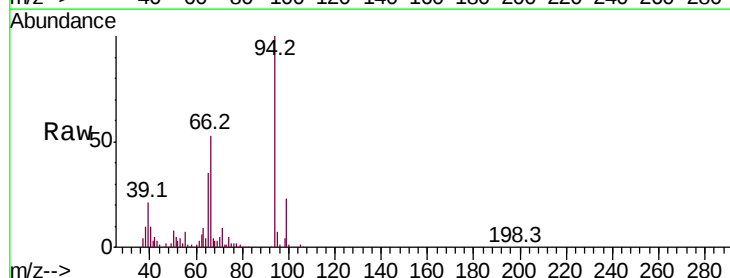
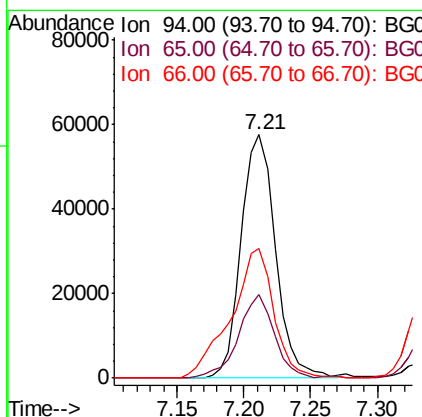
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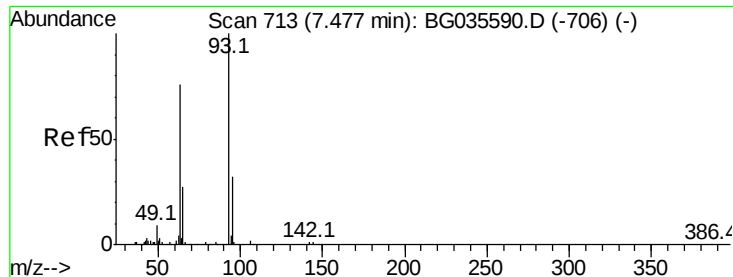
Delta R.T. -0.01 min

Lab File: BG036184.D

Acq: 8 Aug 2018 6:11

Tgt Ion:	94	Resp:	102689
Ion	Ratio	Lower	Upper
94	100		
65	34.5	11.9	51.9
66	53.1	22.2	62.2





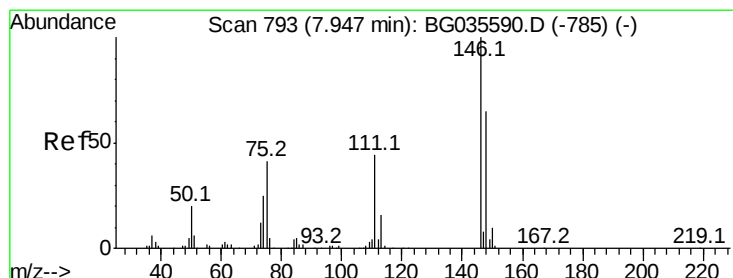
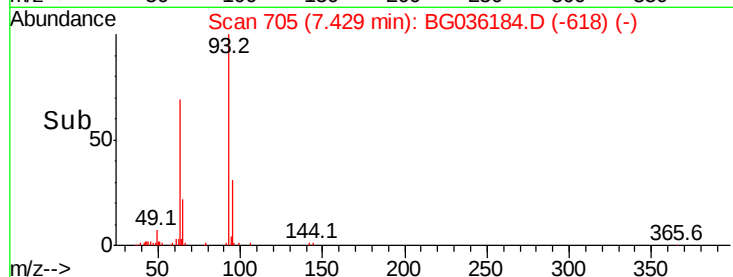
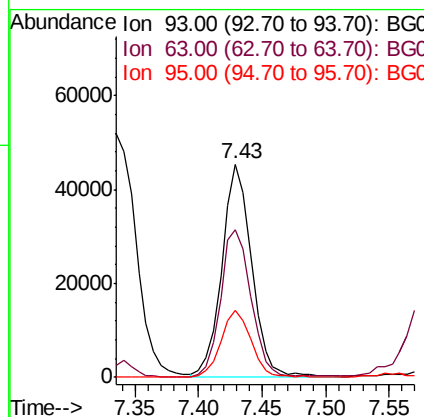
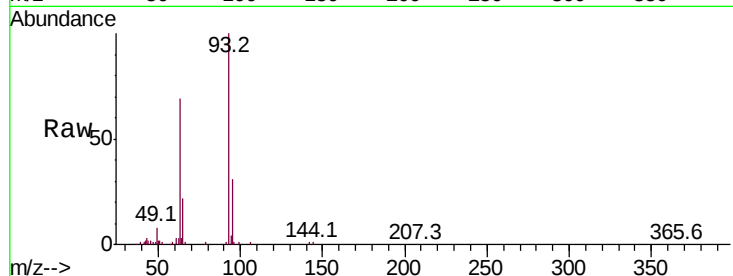
#11
bis(2-Chloroethyl)ether
Concen: 39.324 ng
RT: 7.43 min Scan# 705
Delta R.T. -0.02 min
Lab File: BG036184.D
Acq: 8 Aug 2018 6:11

Instrument :
BNA_G
ClientSampleId :
PB111739BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	69.3	67.1	107.1
95	31.4	11.5	51.5

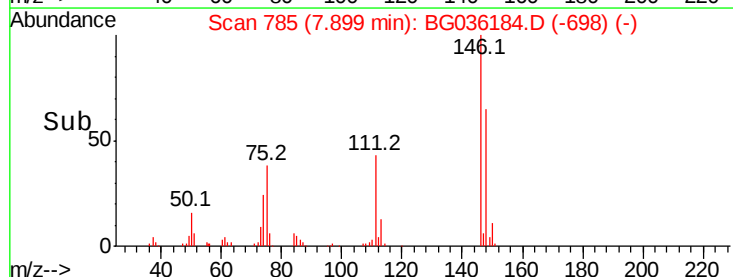
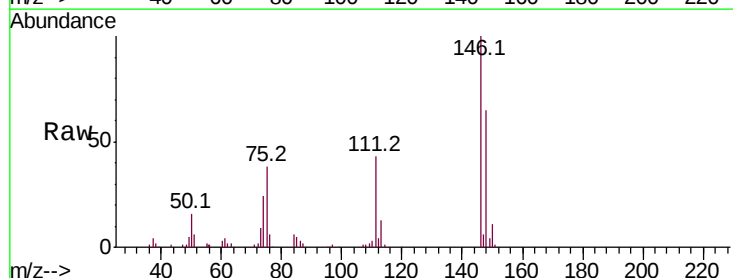
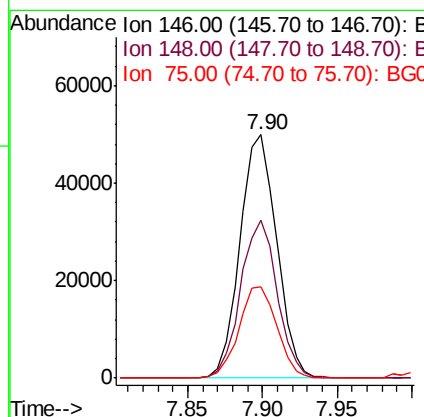
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#12
1,3-Dichlorobenzene
Concen: 43.293 ng
RT: 7.90 min Scan# 785
Delta R.T. -0.02 min
Lab File: BG036184.D
Acq: 8 Aug 2018 6:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.4	77.2
75	37.5	26.6	39.8





#13

1,4-Dichlorobenzene

Concen: 43.411 ng

RT: 8.05 min Scan# 810

Delta R.T. -0.02 min

Lab File: BG036184.D

Acq: 8 Aug 2018 6:11

Instrument :

BNA_G

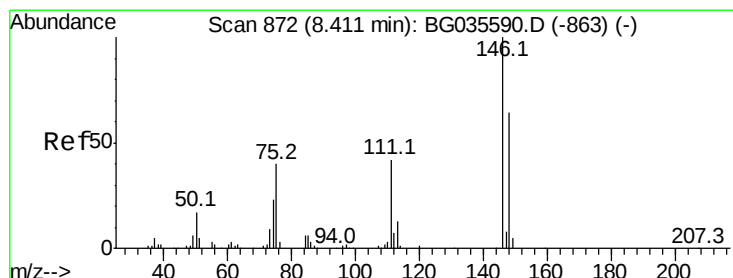
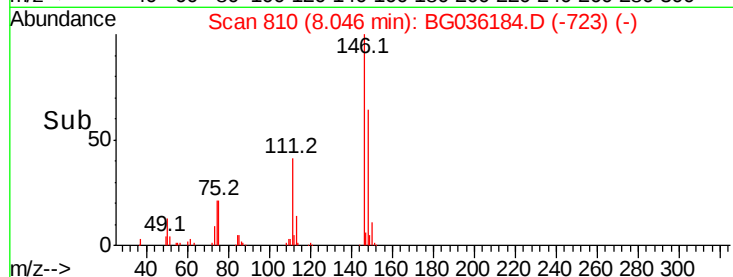
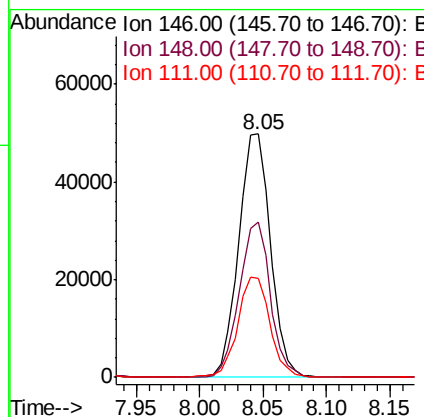
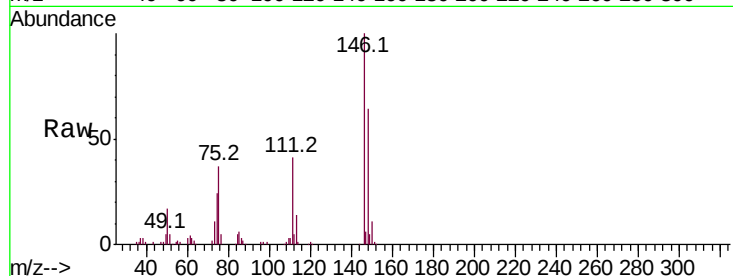
ClientSampleId :

PB111739BS

Tot Ion:	146	Resp:	86940
Ion Ratio	Lower	Upper	
146	100		
148	63.7	53.7	80.5
111	40.5	35.2	52.8

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#14

1,2-Dichlorobenzene

Concen: 42.626 ng

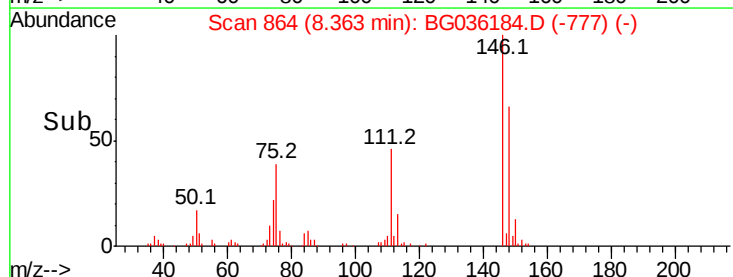
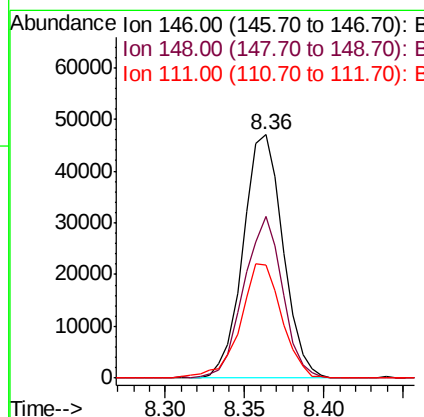
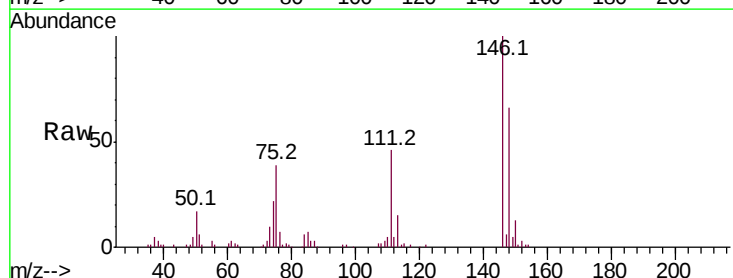
RT: 8.36 min Scan# 864

Delta R.T. -0.02 min

Lab File: BG036184.D

Acq: 8 Aug 2018 6:11

Tgt Ion:	146	Resp:	82010
Ion Ratio	Lower	Upper	
146	100		
148	66.3	49.3	73.9
111	46.3	34.3	51.5





#15

Benzyl Alcohol

Concen: 37.503 ng

RT: 8.25 min Scan# 845

Delta R.T. -0.01 min

Lab File: BG036184.D

Acq: 8 Aug 2018 6:11

Instrument :

BNA_G

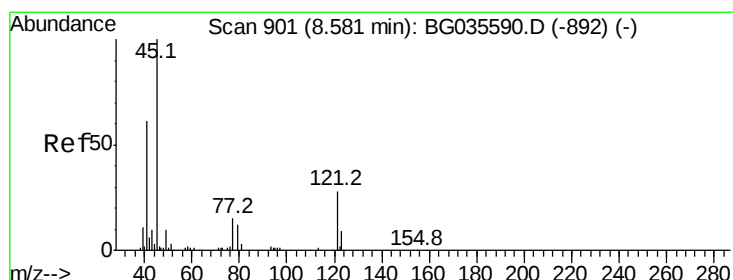
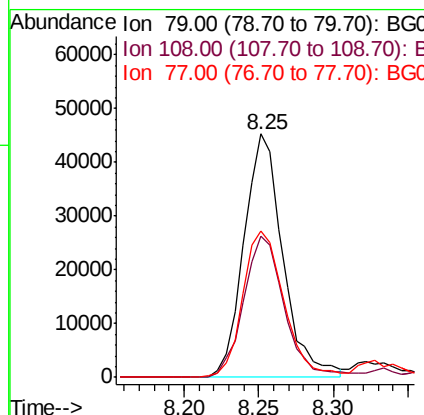
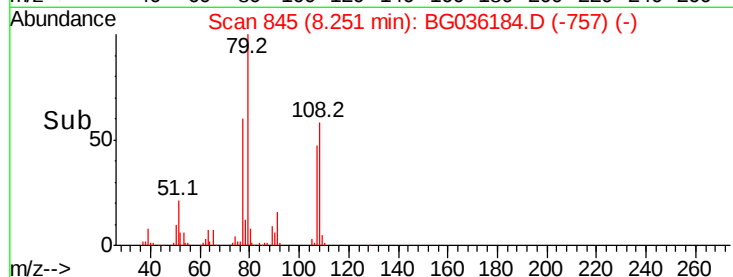
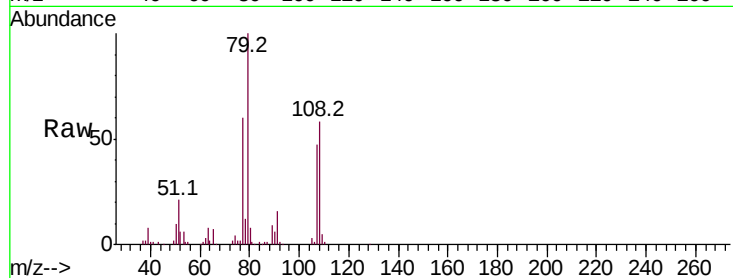
ClientSampleId :

PB111739BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	58.2	57.2	85.8
77	60.0	46.1	69.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 48.217 ng

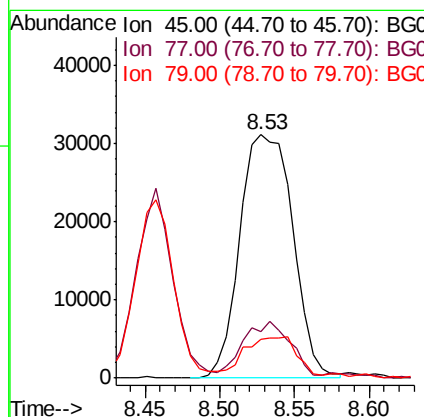
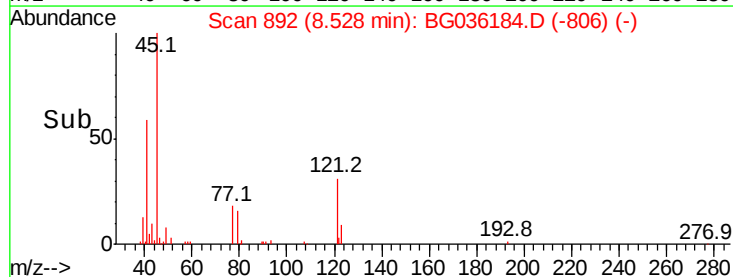
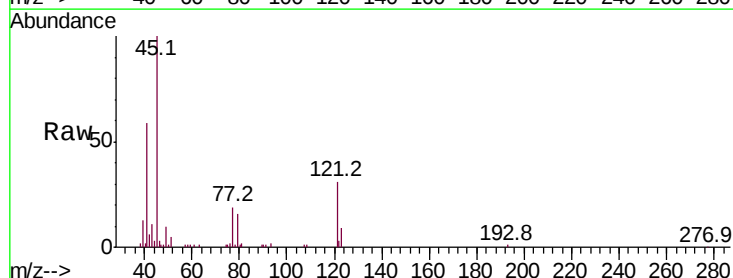
RT: 8.53 min Scan# 892

Delta R.T. -0.03 min

Lab File: BG036184.D

Acq: 8 Aug 2018 6:11

Tgt Ion	Ratio	Lower	Upper
45	100		
77	19.1	0.0	30.2
79	16.1	0.0	27.9





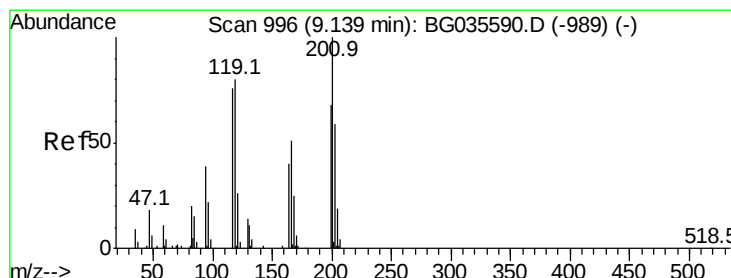
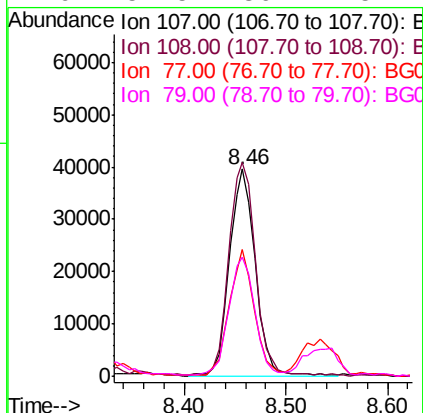
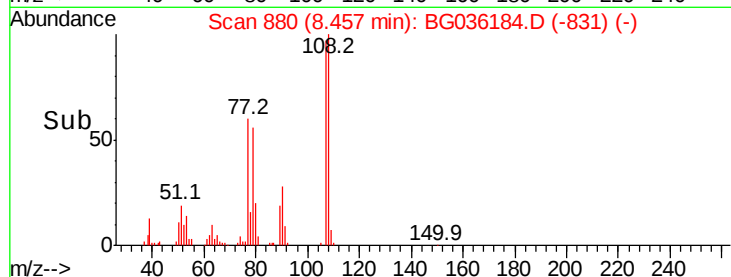
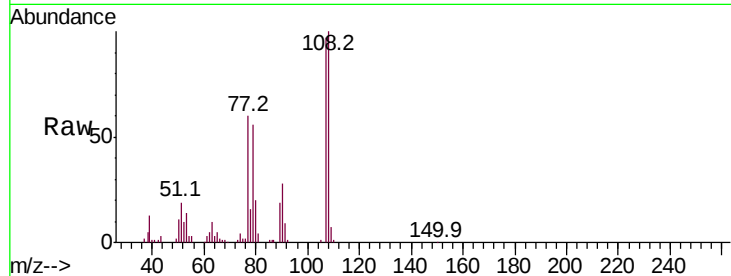
#17
2-Methylphenol
Concen: 42.709 ng
RT: 8.46 min Scan# 880
Delta R.T. -0.01 min
Lab File: BG036184.D
Acq: 8 Aug 2018 6:11

Instrument :
BNA_G
ClientSampleId :
PB111739BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	103.1	83.9	125.9	
77	61.4	37.2	55.8	
79	57.5	36.2	54.2	

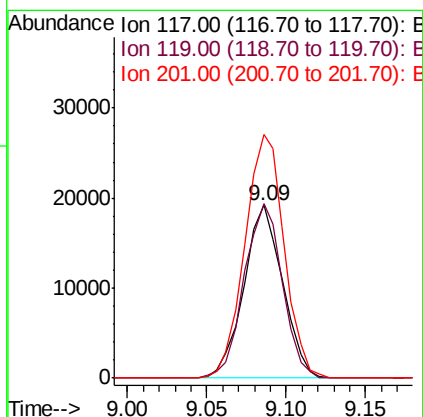
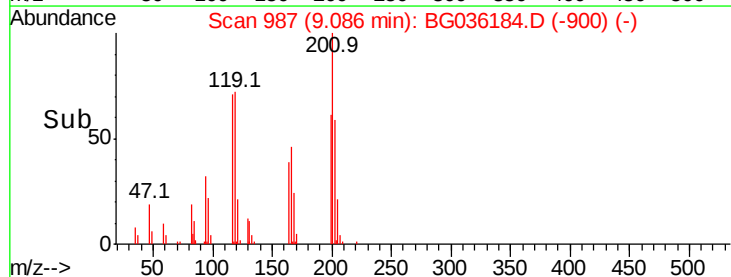
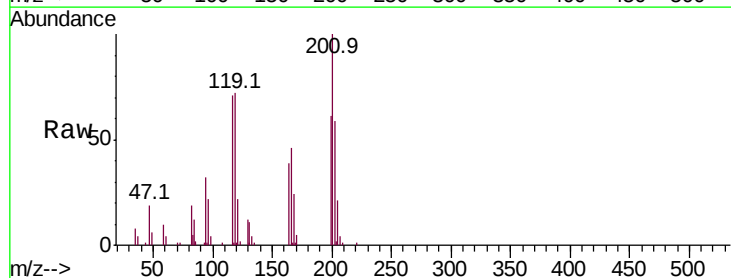
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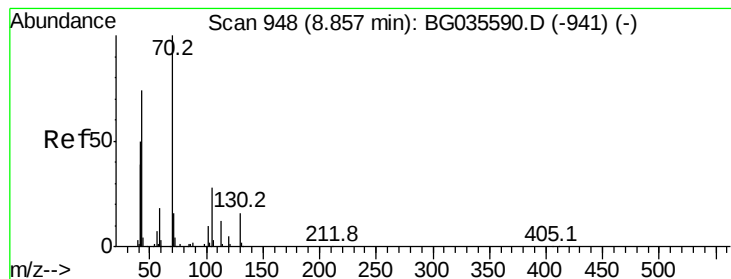
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#18
Hexachloroethane
Concen: 42.543 ng
RT: 9.09 min Scan# 987
Delta R.T. -0.02 min
Lab File: BG036184.D
Acq: 8 Aug 2018 6:11

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	101.4	76.7	115.1	
201	141.0	95.7	143.5	





#19

n-Nitroso-di-n-propylamine

Concen: 32.880 ng

RT: 8.81 min Scan# 940

Delta R.T. -0.02 min

Lab File: BG036184.D

Acq: 8 Aug 2018 6:11

Instrument :

BNA_G

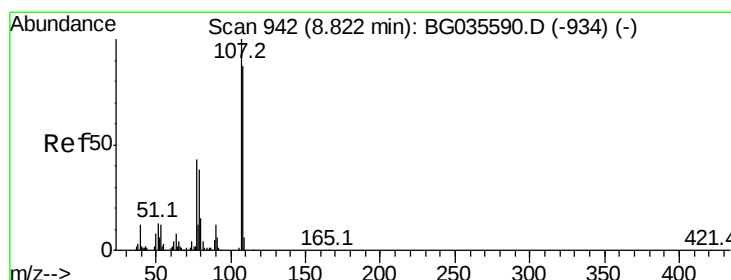
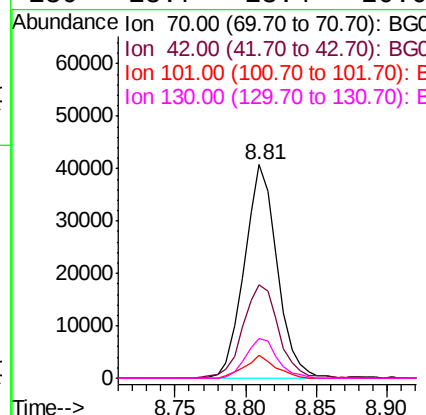
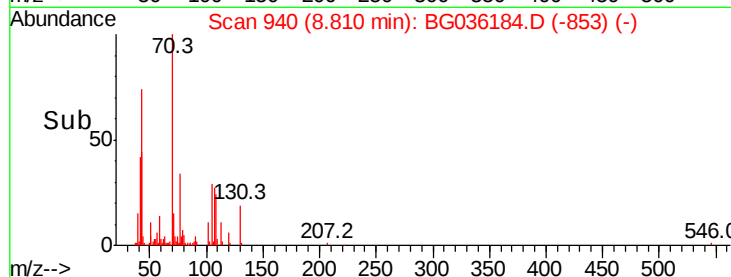
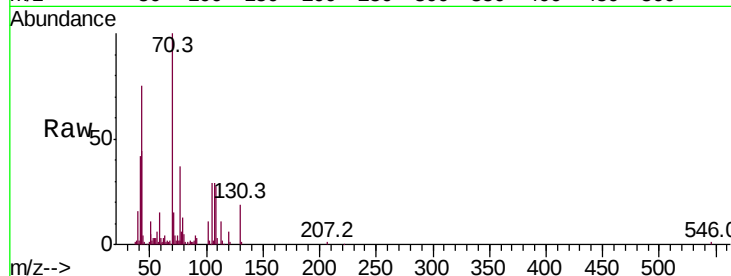
ClientSampleId :

PB111739BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	44.0	49.1	73.7#
101	11.0	8.5	12.7
130	18.7	13.4	20.0

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#20

3+4-Methylphenols

Concen: 39.845 ng

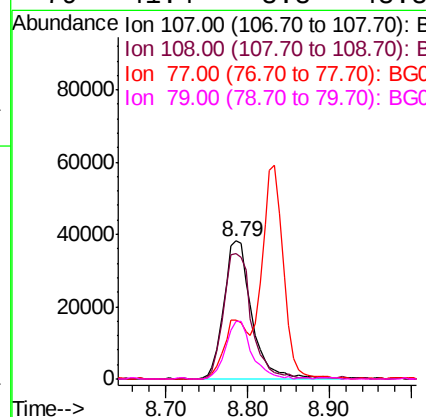
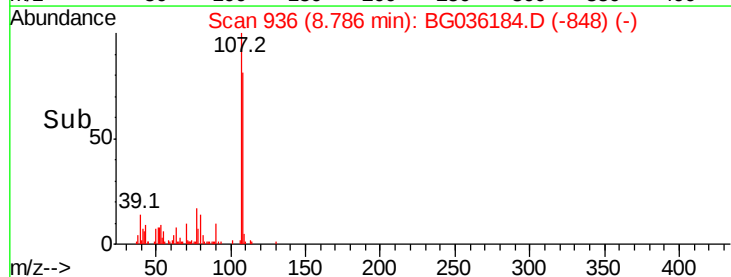
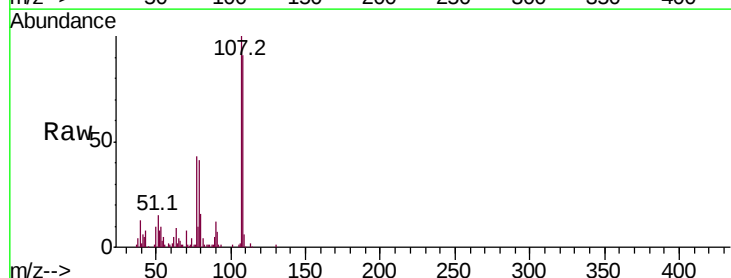
RT: 8.79 min Scan# 936

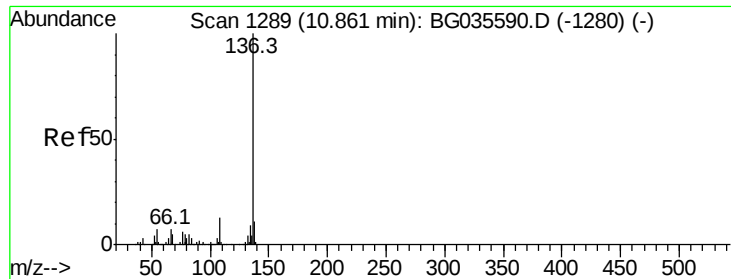
Delta R.T. -0.01 min

Lab File: BG036184.D

Acq: 8 Aug 2018 6:11

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.2	61.6	101.6
77	42.9	13.9	53.9
79	41.4	8.8	48.8





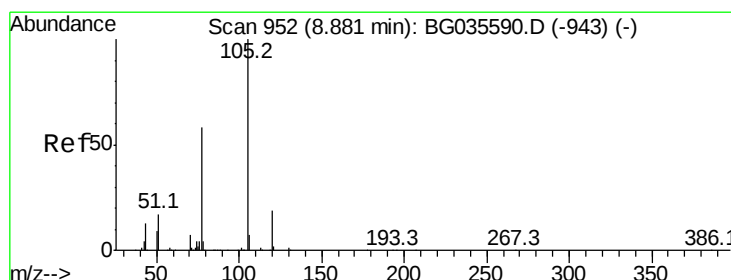
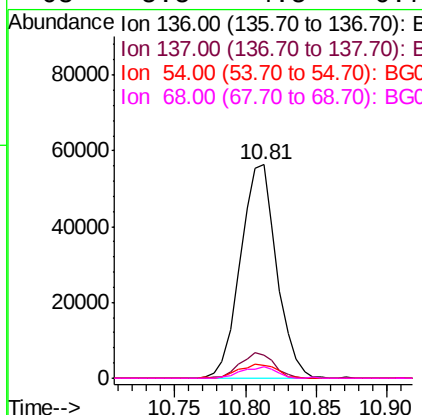
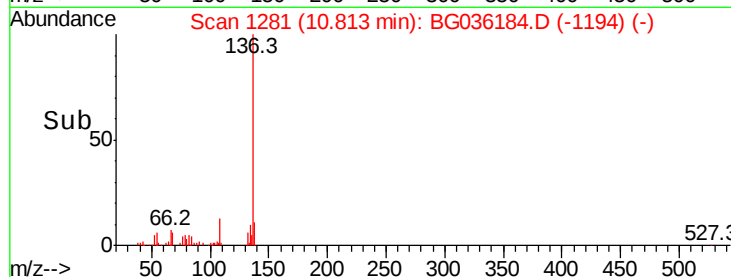
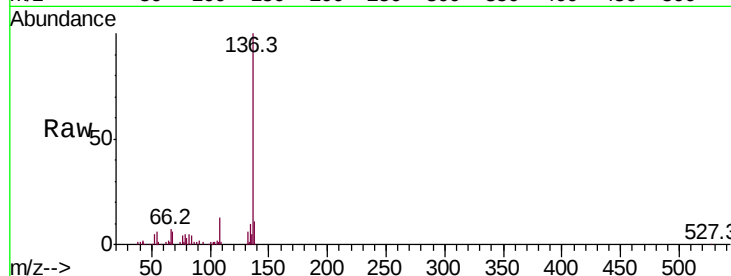
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BG036184.D
Acq: 8 Aug 2018 6:11

Instrument :
BNA_G
ClientSampleId :
PB111739BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	9.2	13.8	
54	6.2	10.3	15.5	
68	5.5	4.5	6.7	

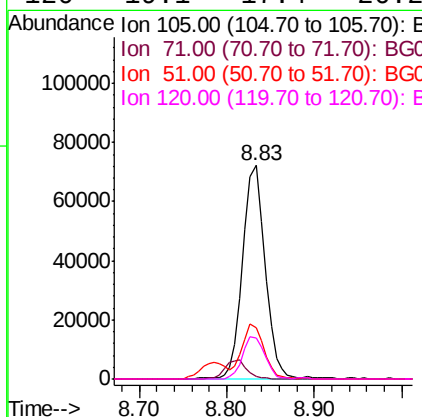
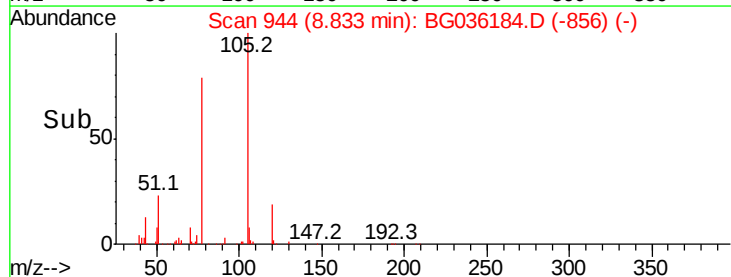
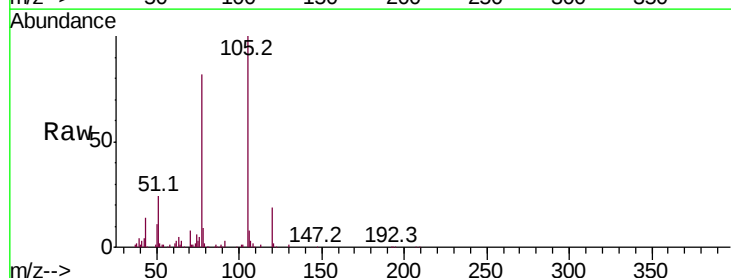
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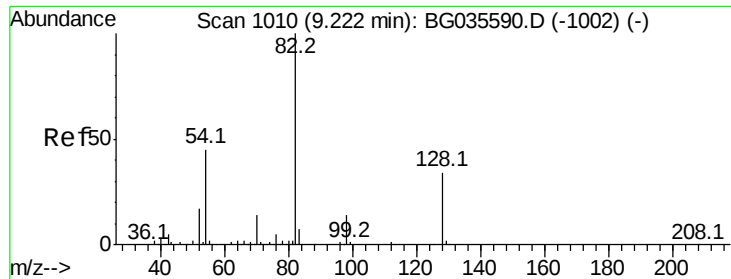
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#22
Acetophenone
Concen: 40.202 ng
RT: 8.83 min Scan# 944
Delta R.T. -0.01 min
Lab File: BG036184.D
Acq: 8 Aug 2018 6:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.0	3.0	4.4	
51	24.0	26.1	39.1	
120	19.1	17.4	26.2	





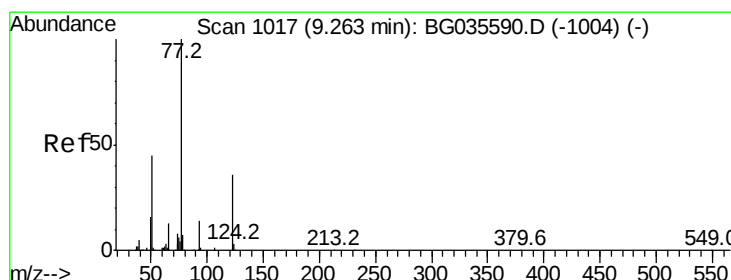
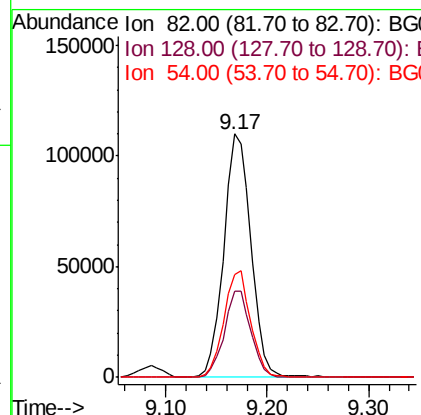
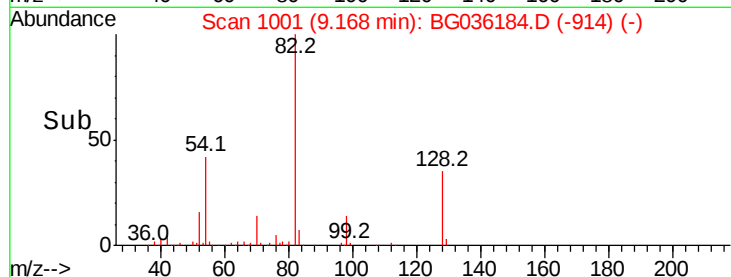
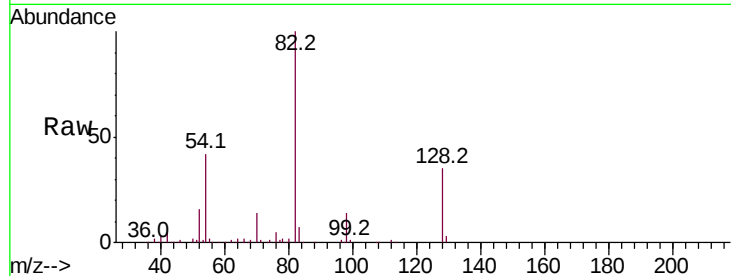
#23
 Nitrobenzene-d5
 Concen: 84.788 ng
 RT: 9.17 min Scan# 1001
 Delta R.T. -0.02 min
 Lab File: BG036184.D
 Acq: 8 Aug 2018 6:11

Instrument :
 BNA_G
 ClientSampleId :
 PB111739BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	35.3	29.7	44.5	
54	42.4	43.1	64.7	

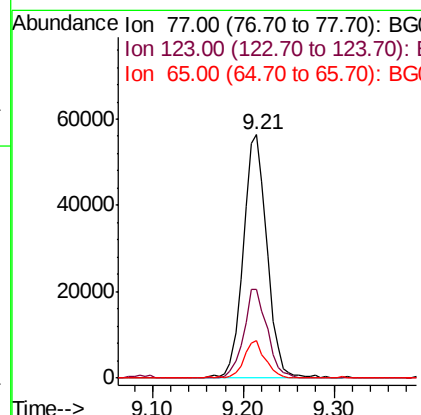
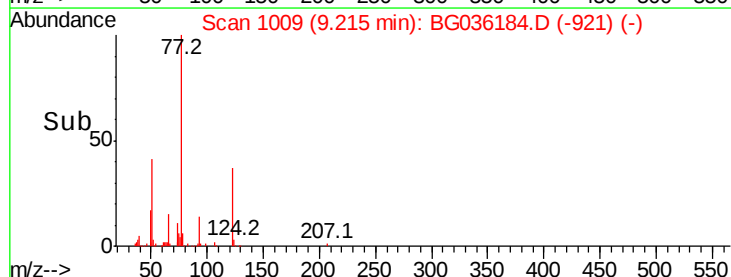
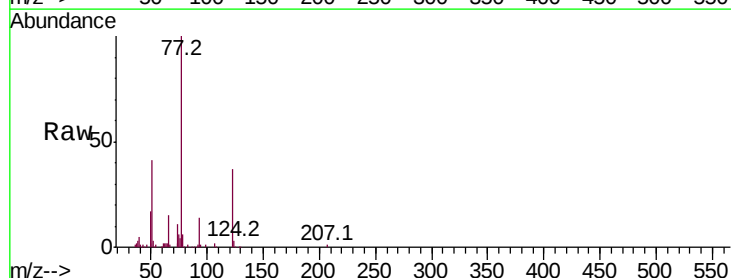
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#24
 Nitrobenzene
 Concen: 42.410 ng
 RT: 9.21 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BG036184.D
 Acq: 8 Aug 2018 6:11

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	36.6	33.0	49.6	
65	15.5	13.0	19.6	





#25

Isophorone

Concen: 41.767 ng

RT: 9.73 min Scan# 1097

Delta R.T. -0.02 min

Lab File: BG036184.D

Acq: 8 Aug 2018 6:11

Instrument :

BNA_G

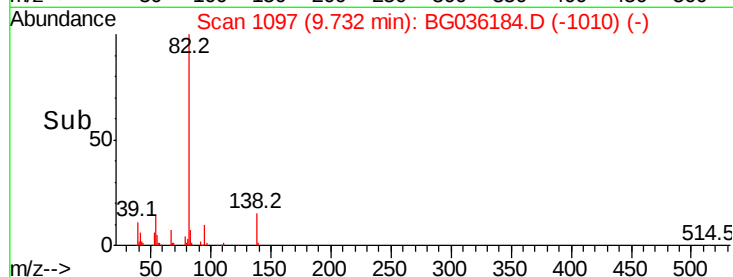
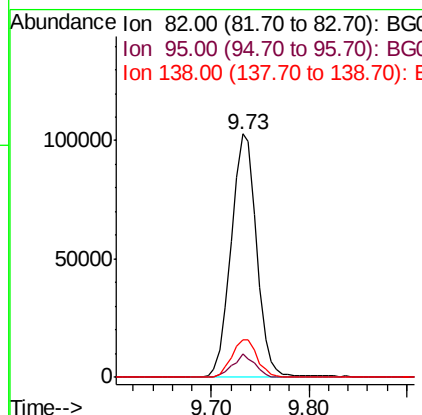
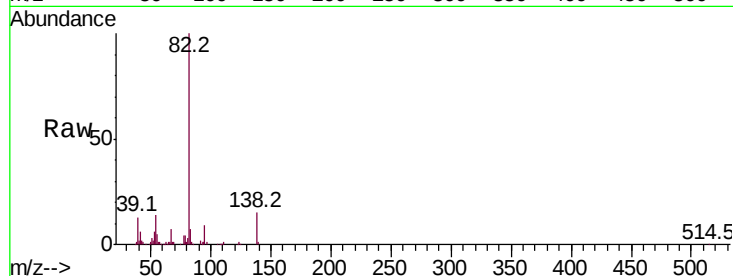
ClientSampleId :

PB111739BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	9.4	6.2	9.2#	
138	15.2	12.1	18.1	

Manual Integrations
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#26

2-Nitrophenol

Concen: 49.278 ng

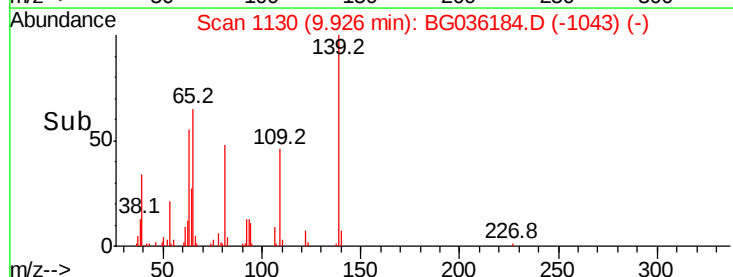
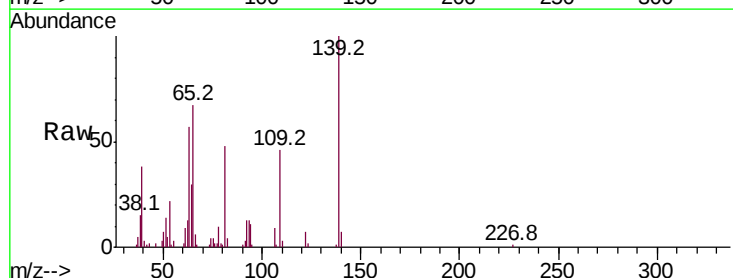
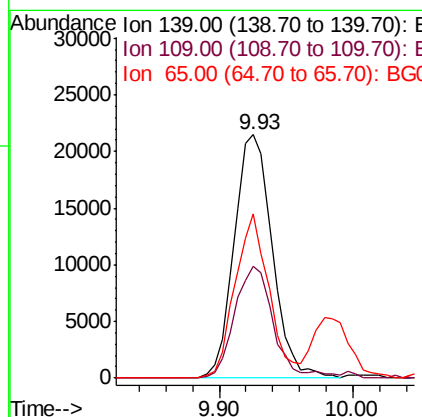
RT: 9.93 min Scan# 1130

Delta R.T. -0.02 min

Lab File: BG036184.D

Acq: 8 Aug 2018 6:11

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	45.9	24.2	36.2#	
65	67.2	47.4	71.0	





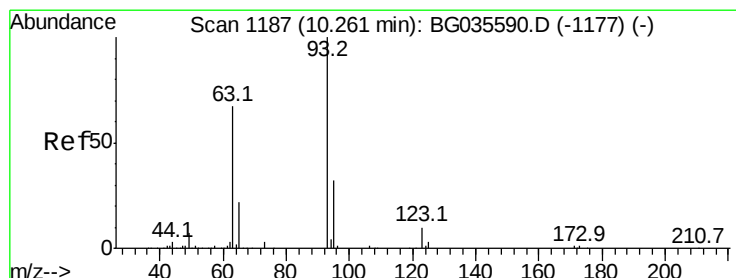
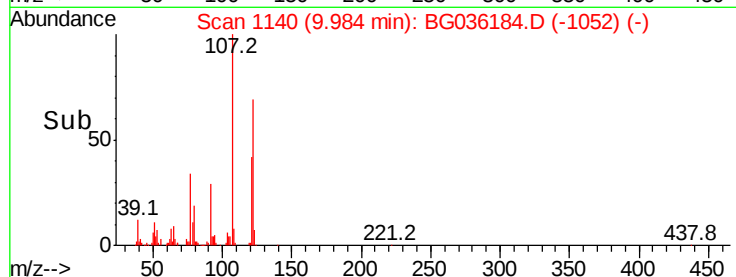
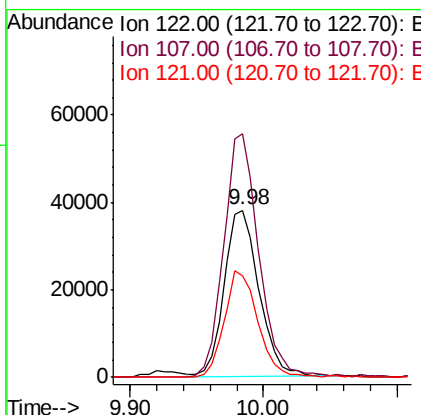
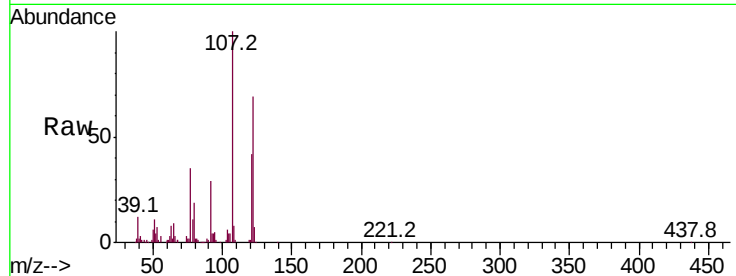
#27
2,4-Dimethylphenol
Concen: 47.625 ng
RT: 9.98 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BG036184.D
Acq: 8 Aug 2018 6:11

Instrument :
BNA_G
ClientSampleId :
PB111739BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	145.9	100.2	150.2
121	60.7	44.4	66.6

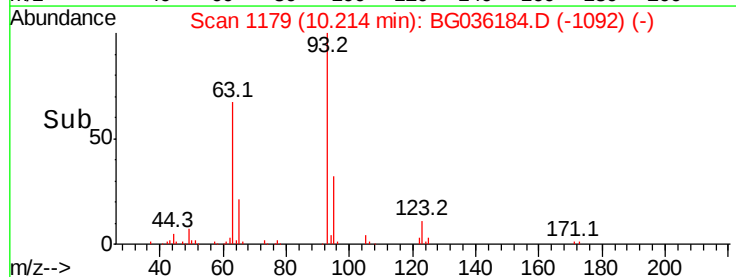
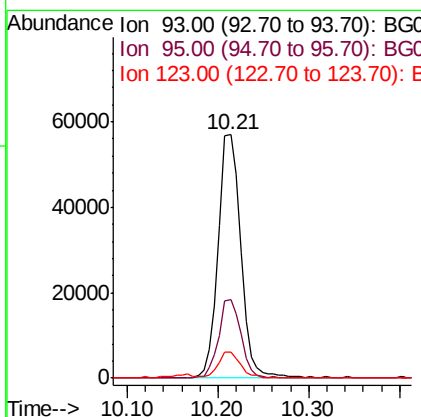
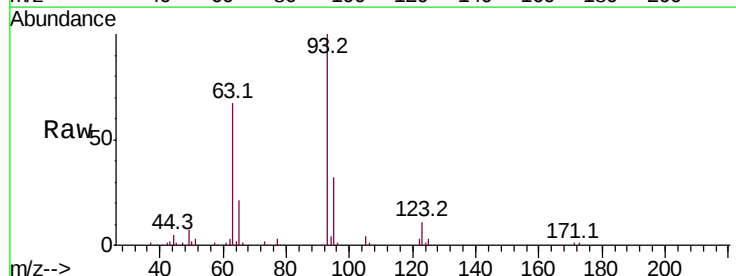
Manual Integrations
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#28
bis(2-Chloroethoxy)methane
Concen: 40.070 ng
RT: 10.21 min Scan# 1179
Delta R.T. -0.02 min
Lab File: BG036184.D
Acq: 8 Aug 2018 6:11

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	24.3	36.5
123	10.6	8.4	12.6





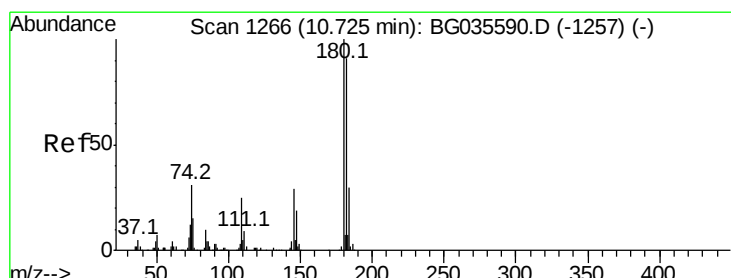
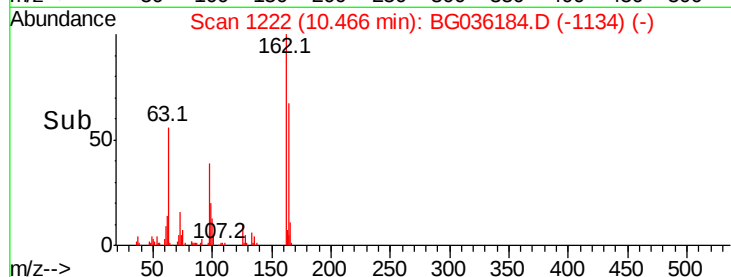
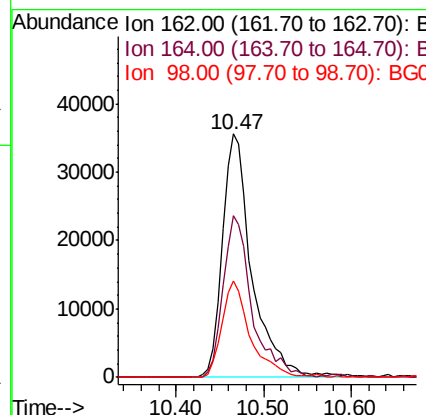
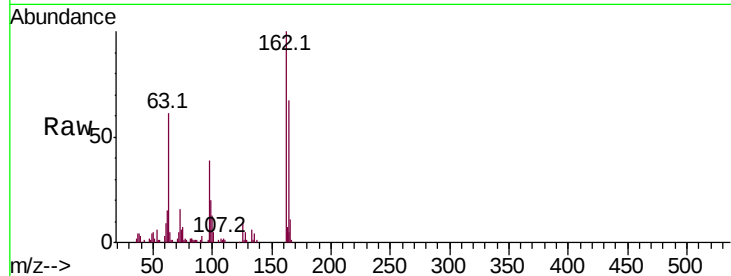
#29
2,4-Dichlorophenol
Concen: 49.740 ng
RT: 10.47 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BG036184.D
Acq: 8 Aug 2018 6:11

Instrument :
BNA_G
ClientSampleId :
PB111739BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	66.5	48.0	88.0	
98	39.4	21.1	61.1	

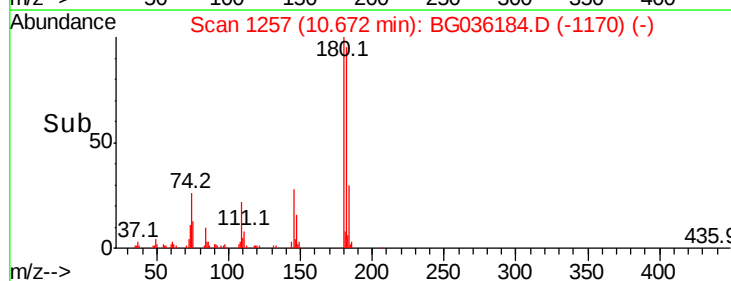
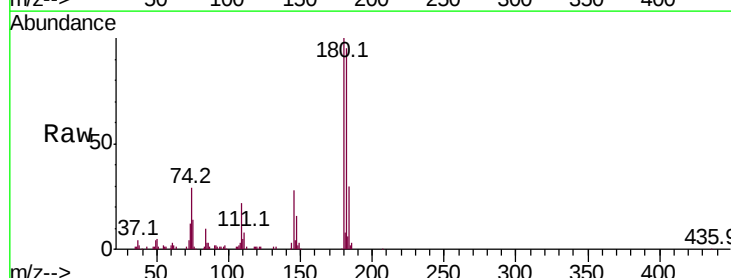
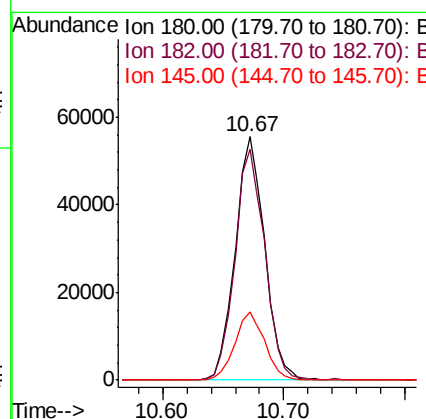
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#30
1,2,4-Trichlorobenzene
Concen: 46.318 ng
RT: 10.67 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BG036184.D
Acq: 8 Aug 2018 6:11

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.8	77.5	116.3	
145	27.8	23.4	35.2	





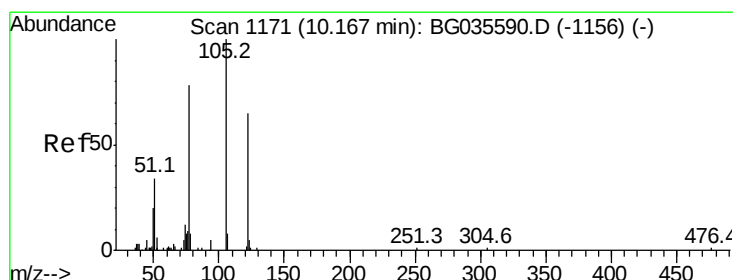
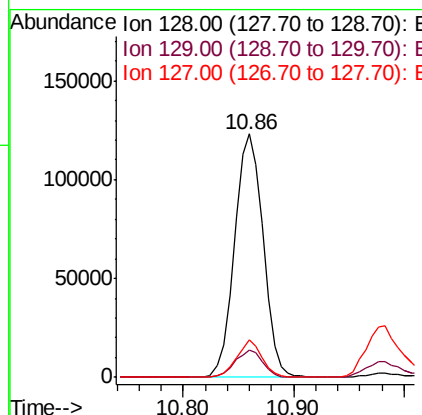
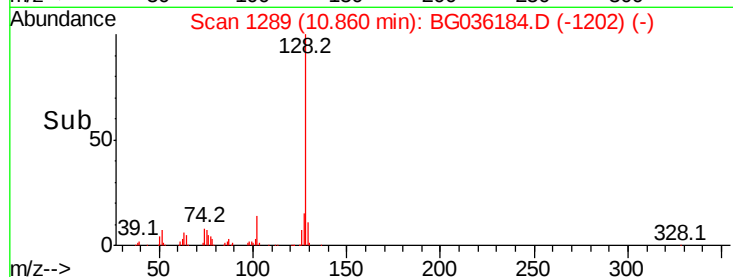
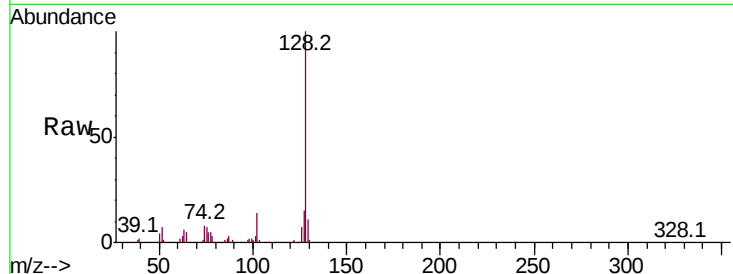
#31
Naphthalene
Concen: 42.583 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BG036184.D
Acq: 8 Aug 2018 6:11

Instrument :
BNA_G
ClientSampleId :
PB111739BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.5	8.6	12.8	
127	15.2	11.6	17.4	

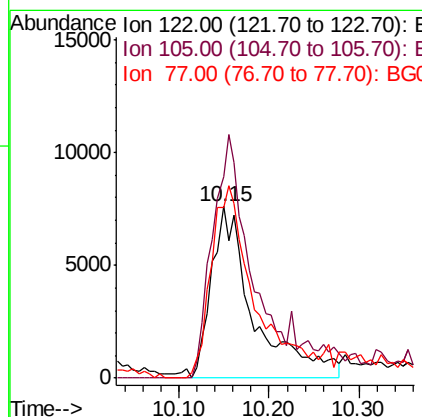
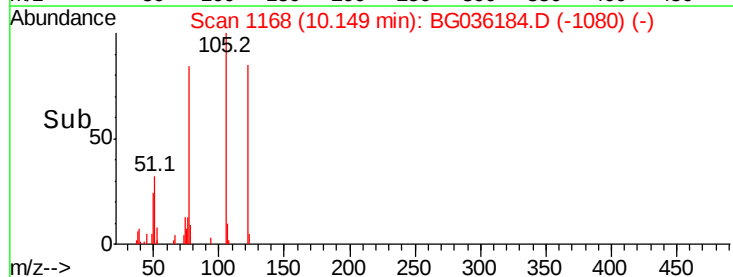
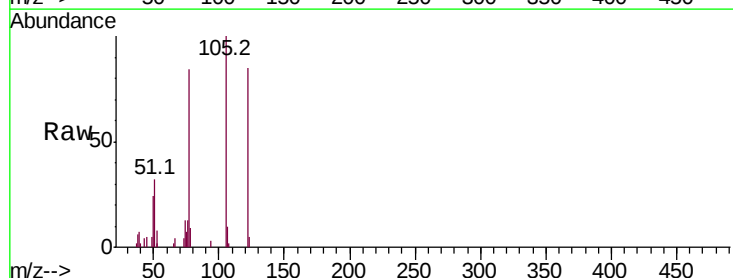
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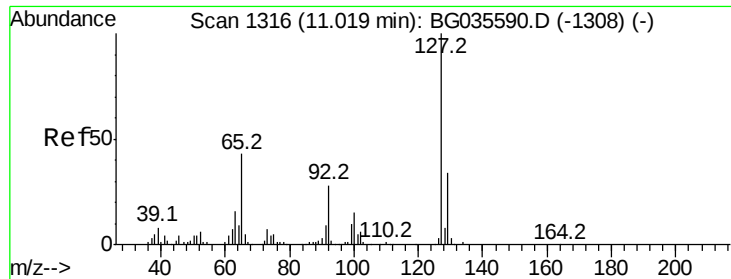
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#32
Benzoic acid
Concen: 25.310 ng m
RT: 10.15 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BG036184.D
Acq: 8 Aug 2018 6:11

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	117.5	123.5	163.5#	
77	99.1	85.7	125.7	





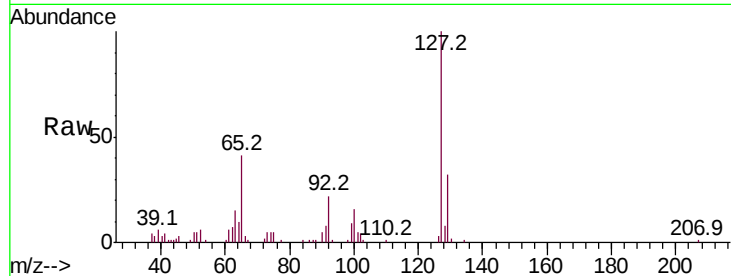
#33
4-Chloroaniline
Concen: 26.530 ng
RT: 10.98 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BG036184.D
Acq: 8 Aug 2018 6:11

Instrument :
BNA_G
ClientSampleId :
PB111739BS

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	31.6	24.0	36.0
65	41.0	27.0	40.4
92	21.6	16.6	25.0

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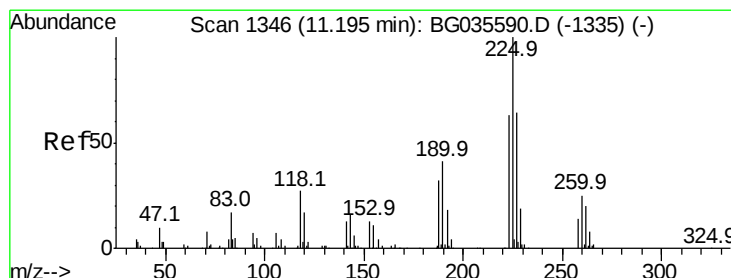
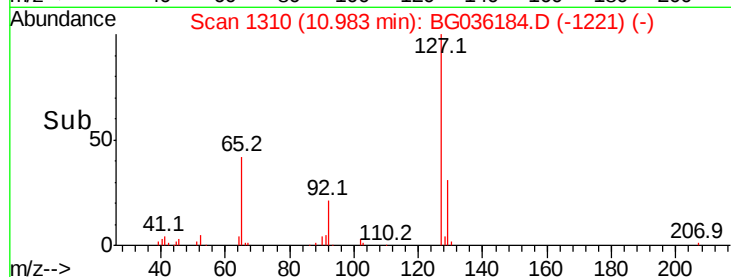
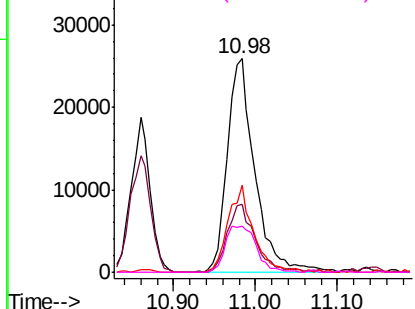
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 47.194 ng
RT: 11.14 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BG036184.D
Acq: 8 Aug 2018 6:11

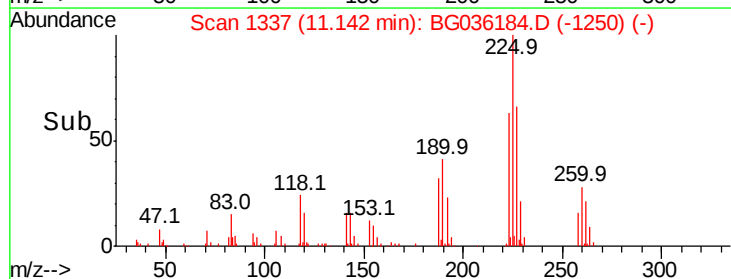
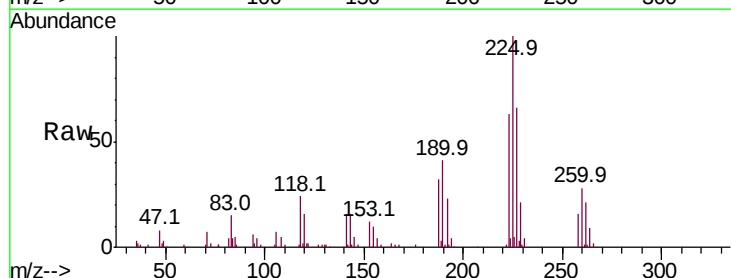
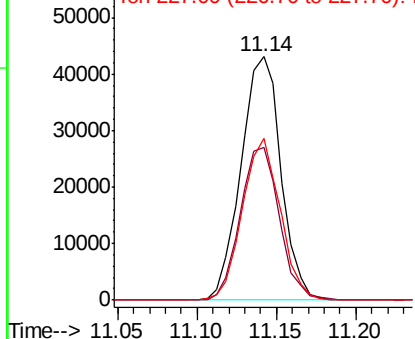
Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	62.6	49.7	74.5
227	66.3	48.1	72.1

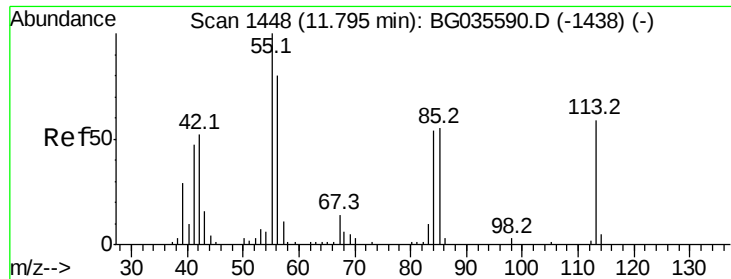
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





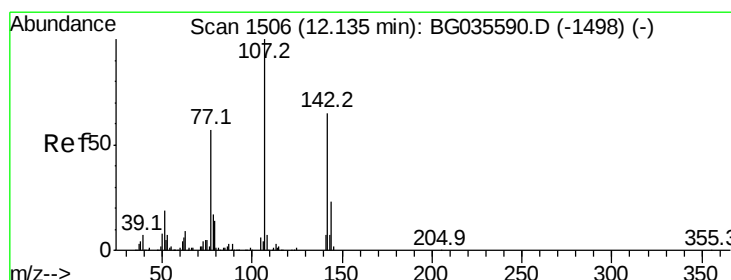
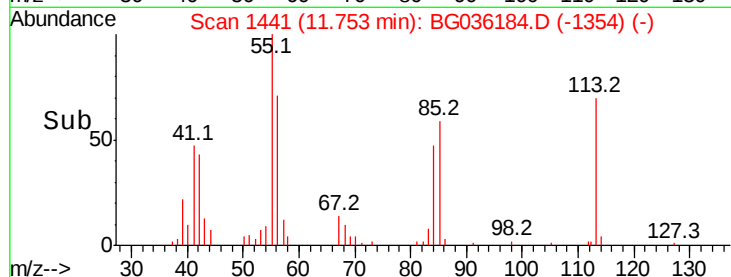
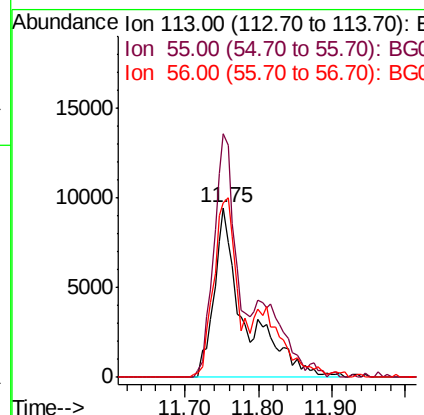
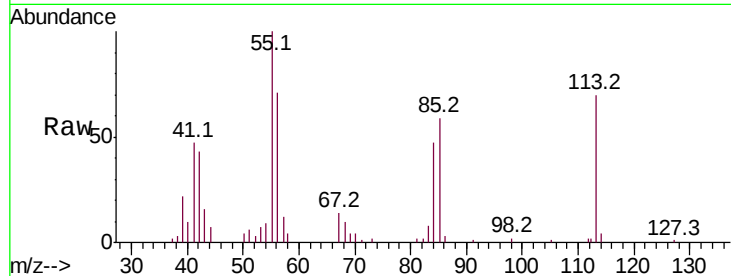
#35
 Caprolactam
 Concen: 38.720 ng/ml
 RT: 11.75 min Scan# 1441
 Delta R.T. -0.02 min
 Lab File: BG036184.D
 Acq: 8 Aug 2018 6:11

Instrument :
 BNA_G
 ClientSampleID :
 PB111739BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	143.4	186.9	226.9#
56	102.5	130.9	170.9#

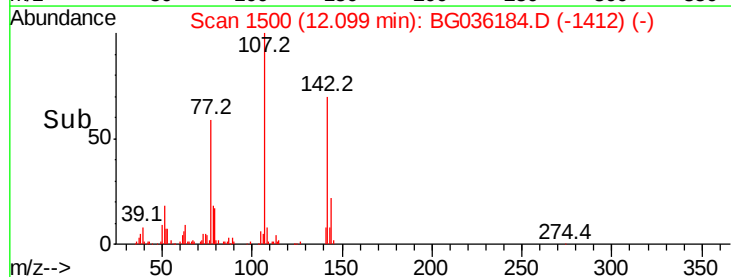
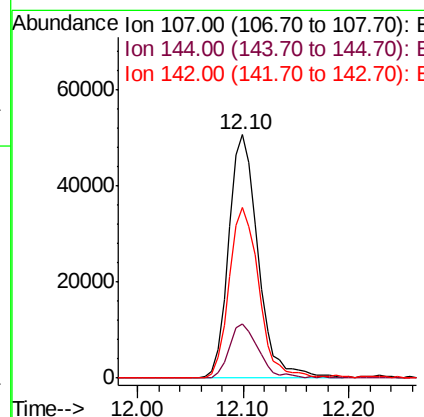
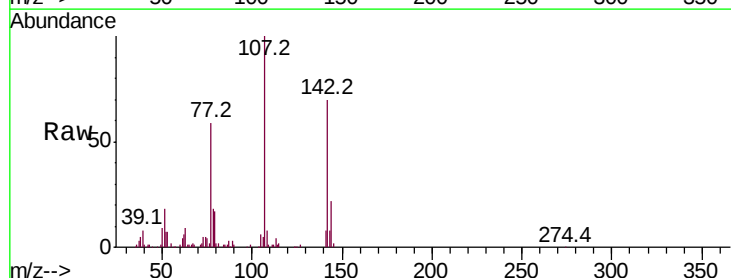
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#36
 4-Chloro-3-methylphenol
 Concen: 43.595 ng
 RT: 12.10 min Scan# 1500
 Delta R.T. -0.01 min
 Lab File: BG036184.D
 Acq: 8 Aug 2018 6:11

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.3	18.2	27.4
142	70.0	59.0	88.4





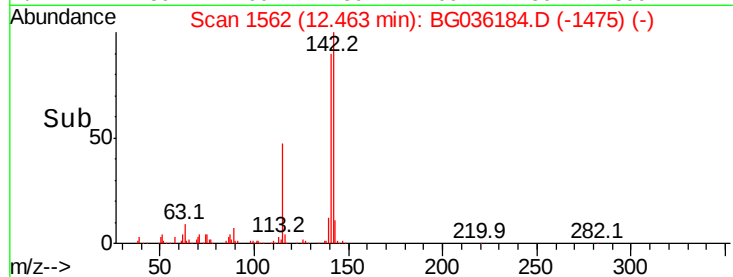
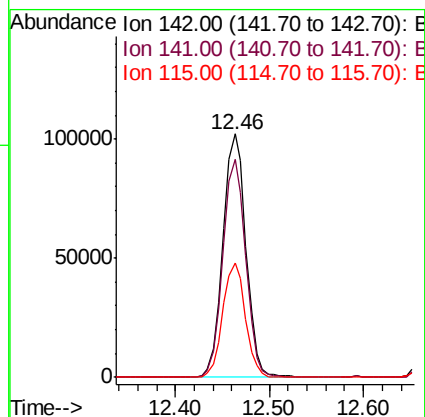
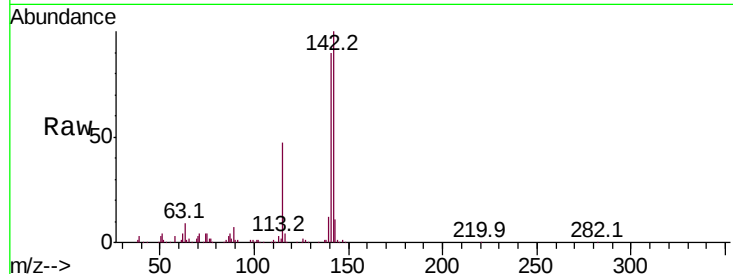
#37
2-Methylnaphthalene
Concen: 44.737 ng
RT: 12.46 min Scan# 1562
Delta R.T. -0.02 min
Lab File: BG036184.D
Acq: 8 Aug 2018 6:11

Instrument :
BNA_G
ClientSampleId :
PB111739BS

Tot Ion	Ratio	Resp Lower	Upper
142	100		
141	89.6	67.1	100.7
115	46.9	30.7	46.1

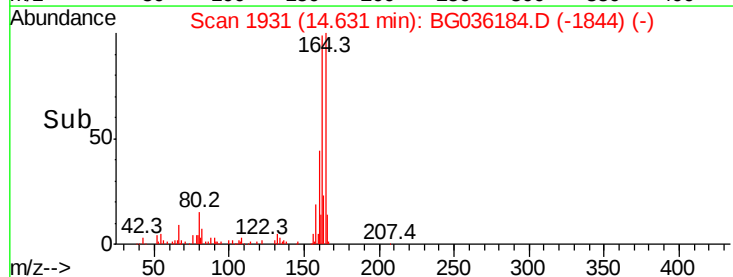
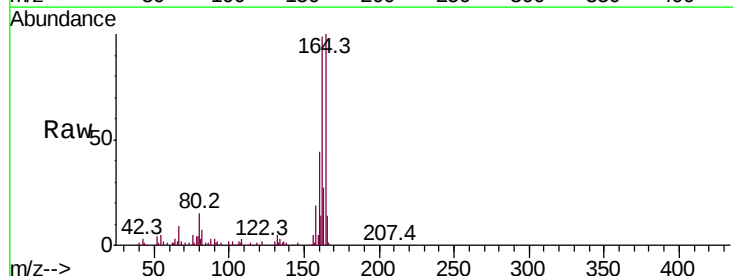
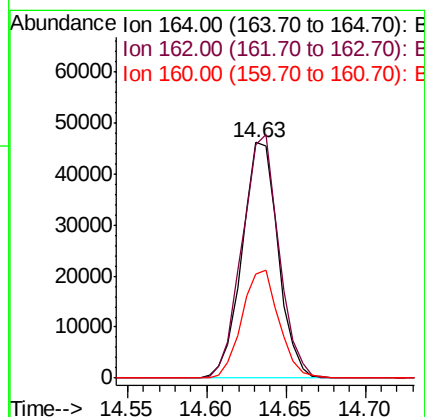
Manual Integrations
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1931
Delta R.T. -0.02 min
Lab File: BG036184.D
Acq: 8 Aug 2018 6:11

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
162	99.1	78.8	118.2
160	43.9	35.4	53.0





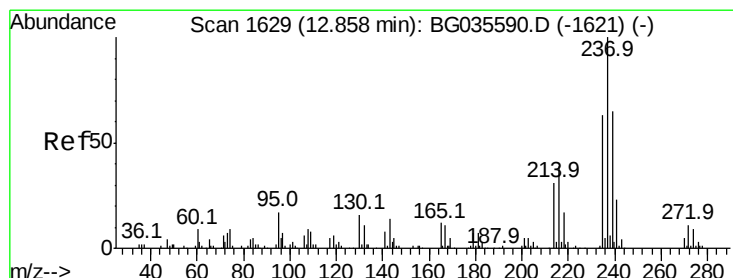
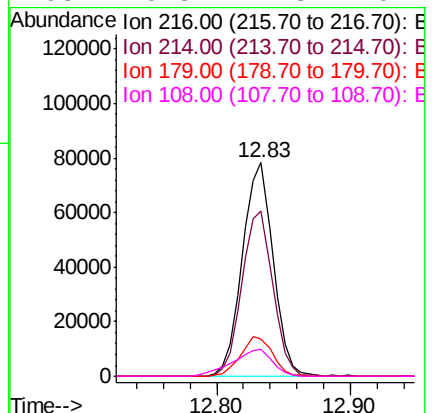
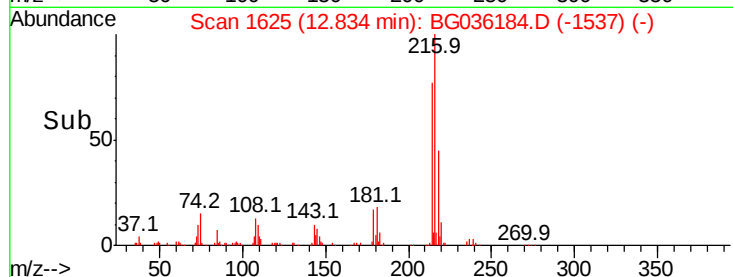
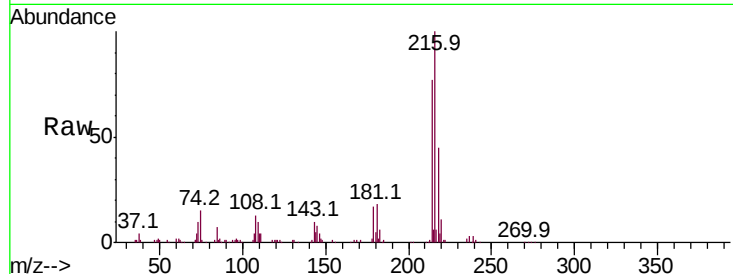
#39
1,2,4,5-Tetrachlorobenzene
Concen: 45.362 ng
RT: 12.83 min Scan# 1625
Delta R.T. -0.01 min
Lab File: BG036184.D
Acq: 8 Aug 2018 6:11

Instrument :
BNA_G
ClientSampleId :
PB111739BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	77.7	63.0	94.4
179	19.0	17.0	25.6
108	16.3	12.8	19.2

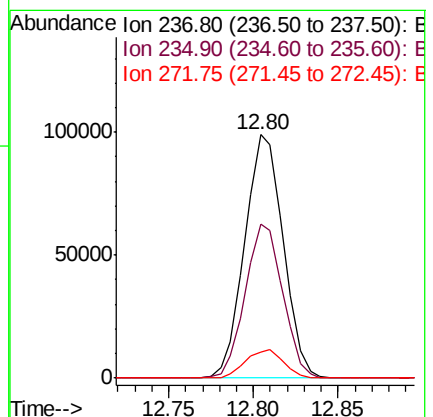
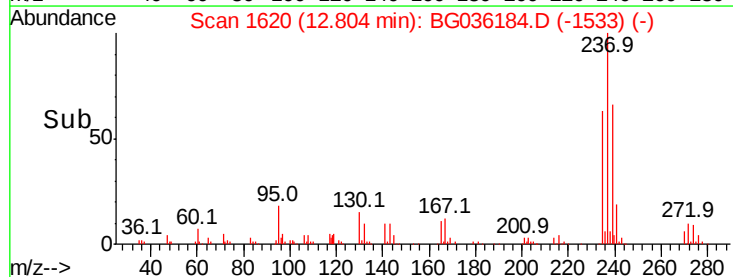
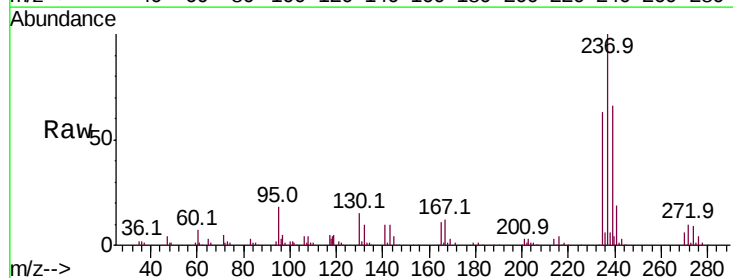
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#40
Hexachlorocyclopentadiene
Concen: 108.536 ng
RT: 12.80 min Scan# 1620
Delta R.T. -0.02 min
Lab File: BG036184.D
Acq: 8 Aug 2018 6:11

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.0	50.4	90.4
272	10.4	0.0	31.8





#41

2,4,6-Tribromophenol

Concen: 163.099 ng

RT: 16.12 min Scan# 2185

Delta R.T. -0.02 min

Lab File: BG036184.D

Acq: 8 Aug 2018 6:11

Instrument :

BNA_G

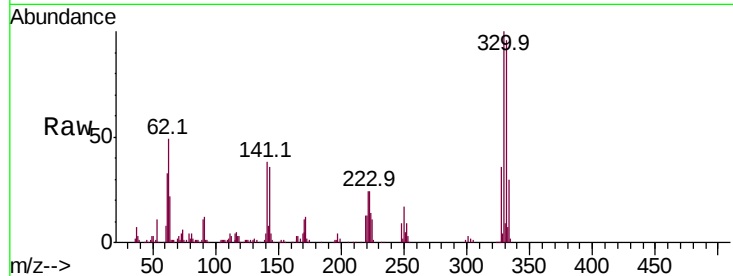
ClientSampleId :

PB111739BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	94.7	77.0	115.6	
141	38.5	25.2	37.8	

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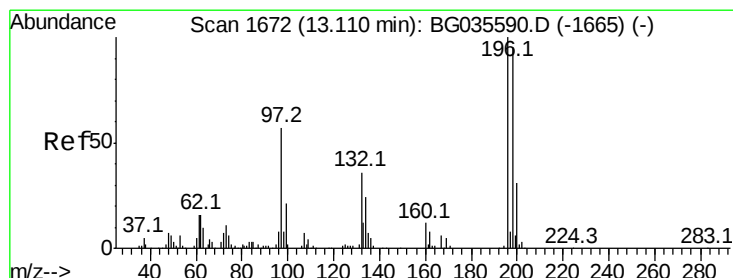
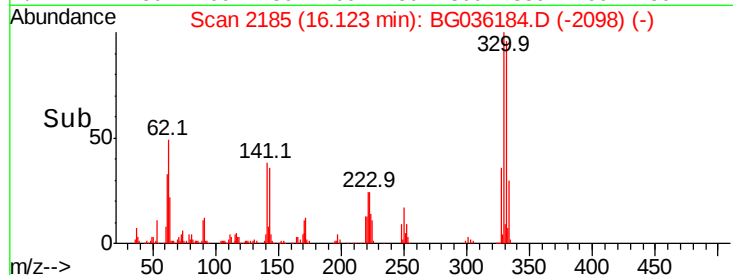
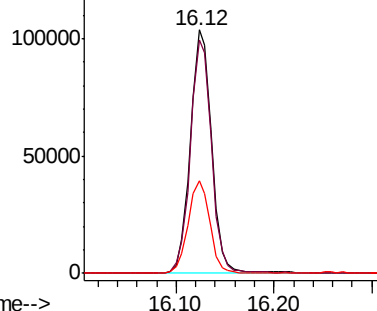


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 48.395 ng

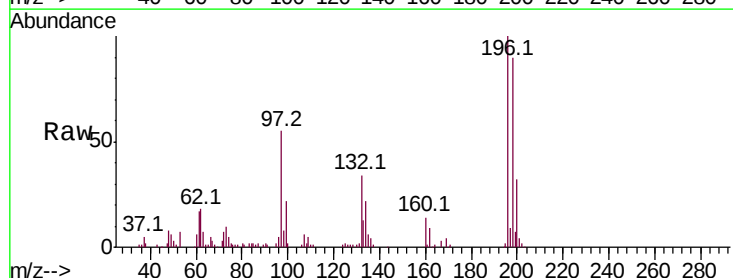
RT: 13.07 min Scan# 1665

Delta R.T. -0.02 min

Lab File: BG036184.D

Acq: 8 Aug 2018 6:11

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	90.1	78.2	117.2	
200	32.0	24.6	36.8	

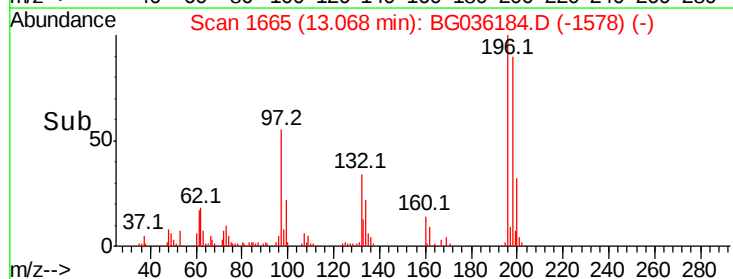
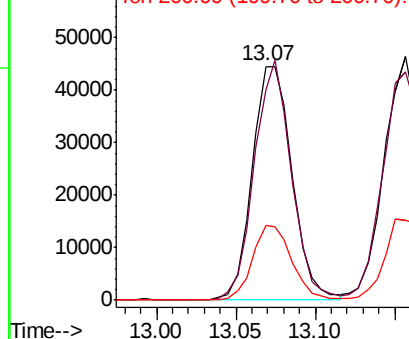


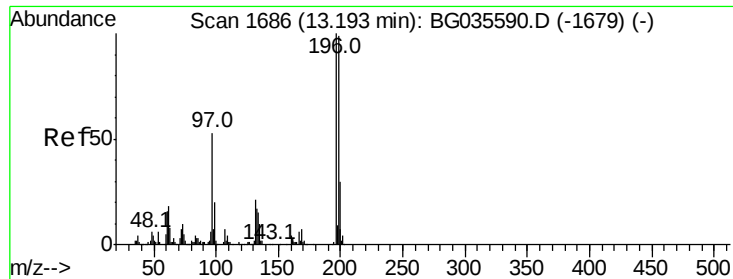
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





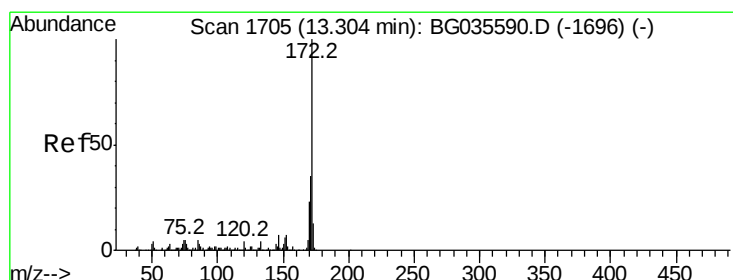
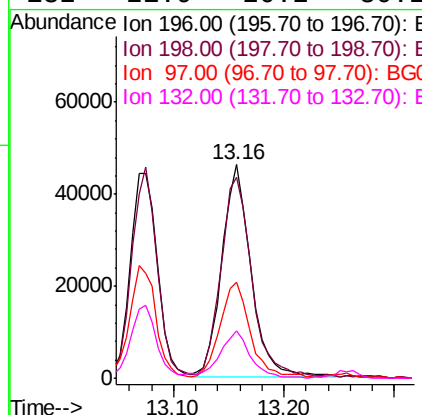
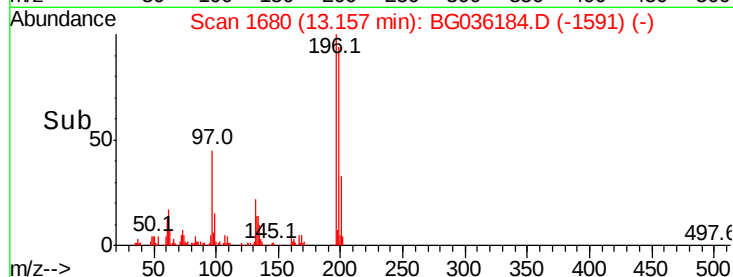
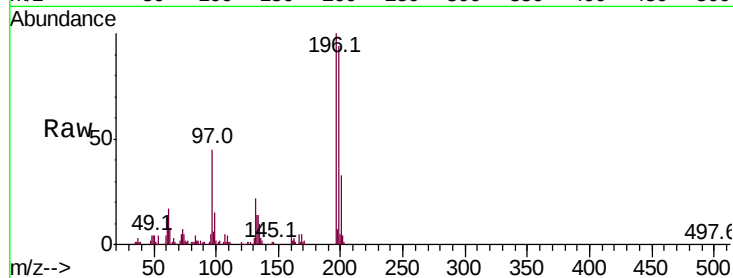
#43
2,4,5-Trichlorophenol
Concen: 47.546 ng
RT: 13.16 min Scan# 1680
Delta R.T. -0.01 min
Lab File: BG036184.D
Acq: 8 Aug 2018 6:11

Instrument :
BNA_G
ClientSampleId :
PB111739BS

Tot Ion:	196	Resp:	85553
Ion Ratio	Lower	Upper	
196	100		
198	93.9	76.2	114.4
97	45.2	38.7	58.1
132	21.9	20.2	30.2

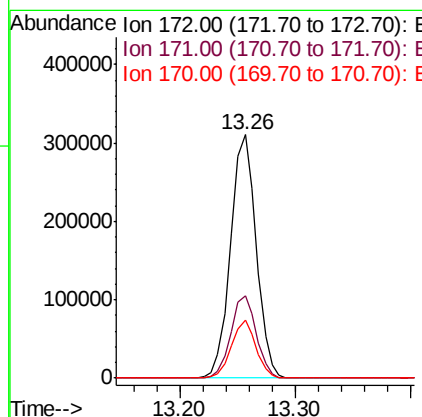
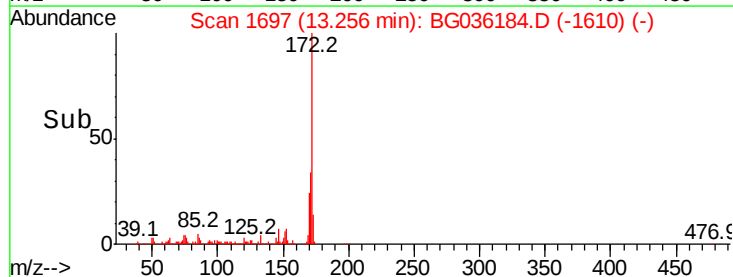
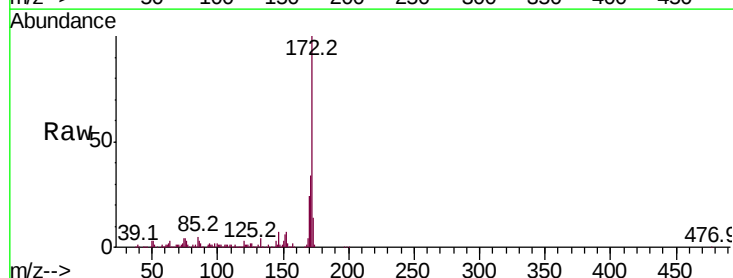
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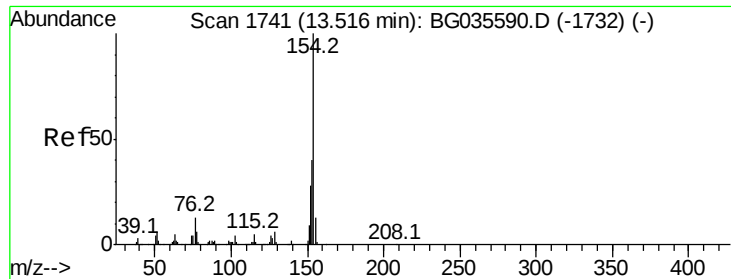
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#44
2-Fluorobiphenyl
Concen: 87.444 ng
RT: 13.26 min Scan# 1697
Delta R.T. -0.02 min
Lab File: BG036184.D
Acq: 8 Aug 2018 6:11

Tgt Ion:	172	Resp:	475625
Ion Ratio	Lower	Upper	
172	100		
171	34.0	30.0	45.0
170	23.7	19.5	29.3





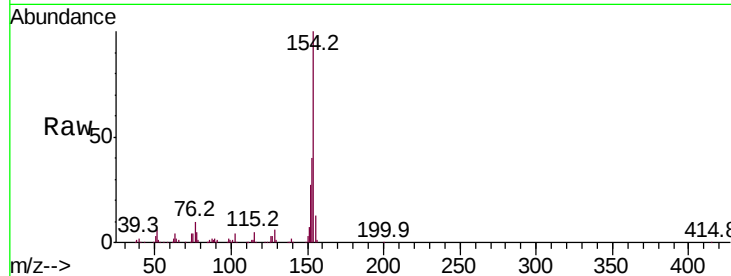
#45
 1,1'-Biphenyl
 Concen: 42.155 ng
 RT: 13.47 min Scan# 1733
 Delta R.T. -0.02 min
 Lab File: BG036184.D
 Acq: 8 Aug 2018 6:11

Instrument :
 BNA_G
 ClientSampleId :
 PB111739BS

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.4	19.8	59.8	
76	10.3	0.0	31.9	

Manual Integrations
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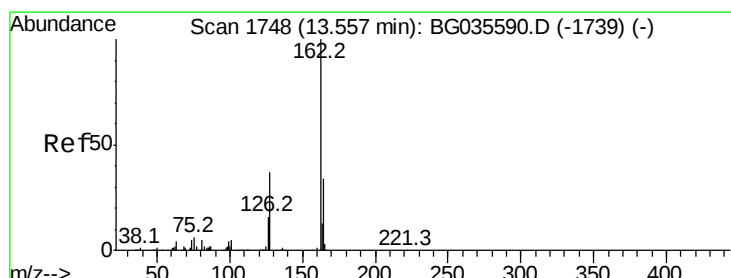
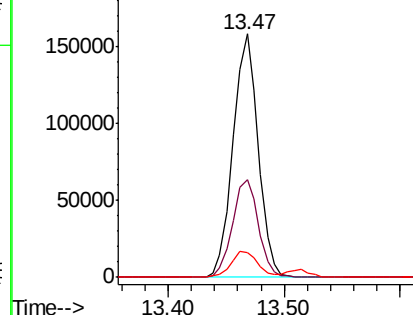
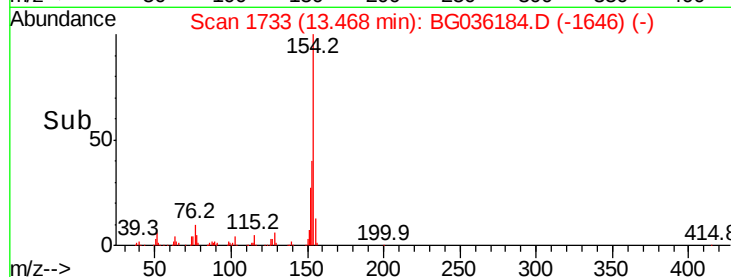


Abundance

Ion 154.00 (153.70 to 154.70): E

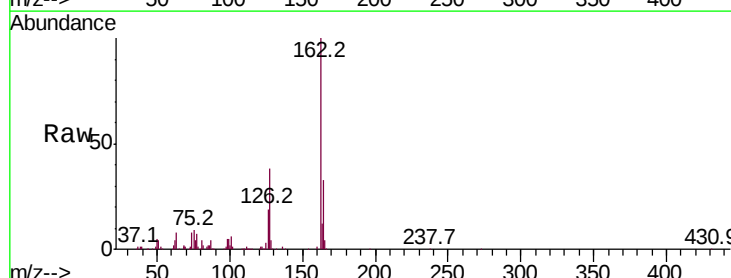
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46
 2-Chloronaphthalene
 Concen: 43.398 ng
 RT: 13.51 min Scan# 1740
 Delta R.T. -0.02 min
 Lab File: BG036184.D
 Acq: 8 Aug 2018 6:11

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	37.7	30.7	46.1	
164	32.6	26.0	39.0	

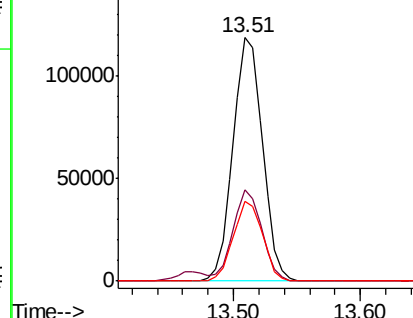
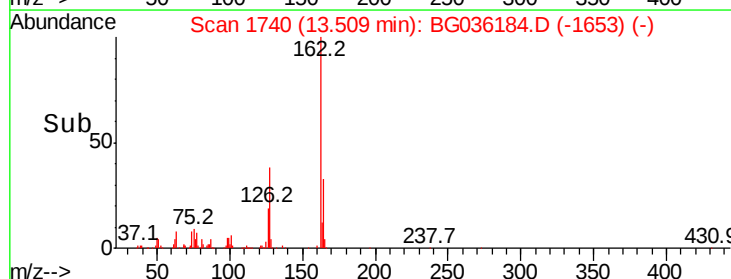


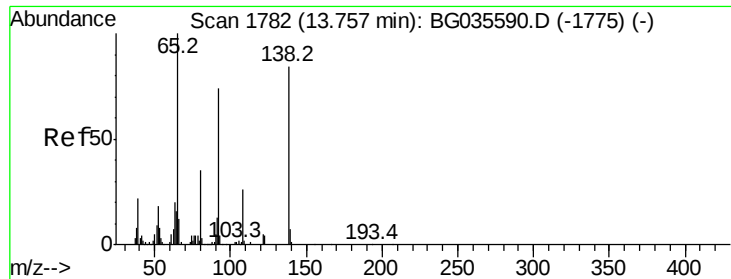
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





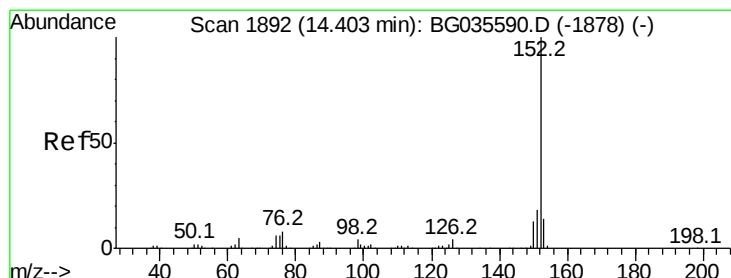
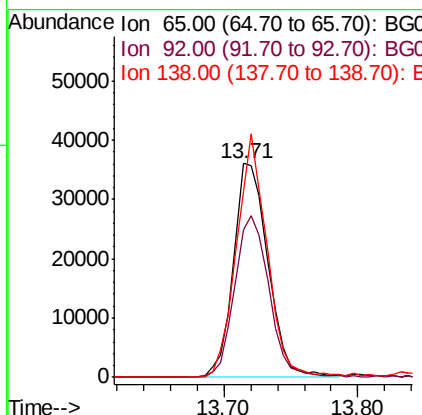
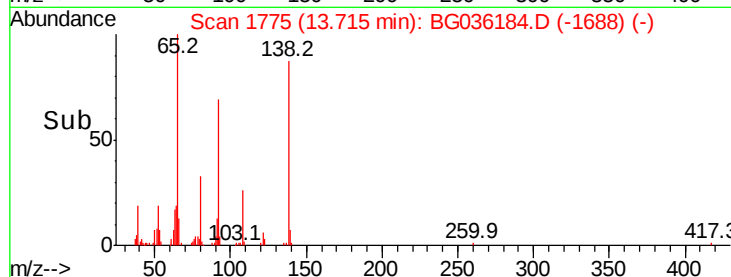
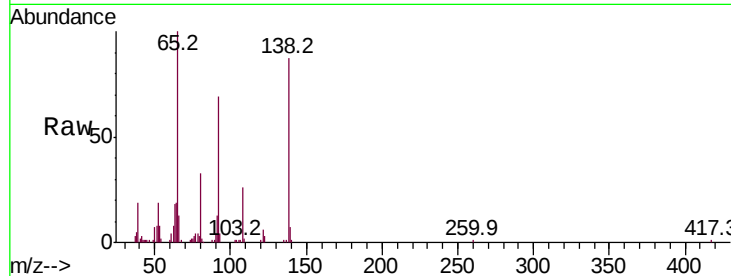
#47
2-Nitroaniline
Concen: 41.786 ng
RT: 13.71 min Scan# 1775
Delta R.T. -0.02 min
Lab File: BG036184.D
Acq: 8 Aug 2018 6:11

Instrument :
BNA_G
ClientSampleId :
PB111739BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	69.0	54.6	82.0
138	86.8	72.9	109.3

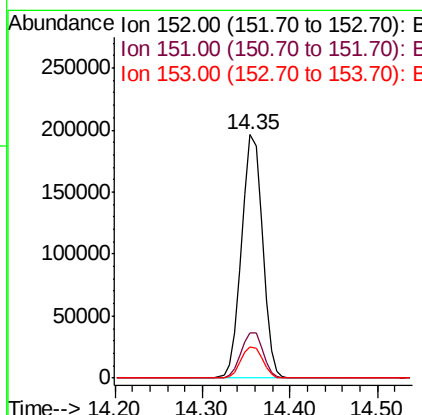
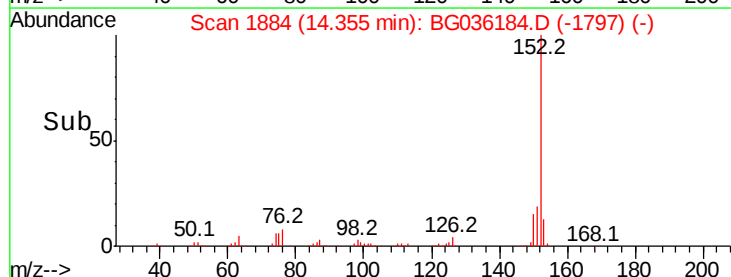
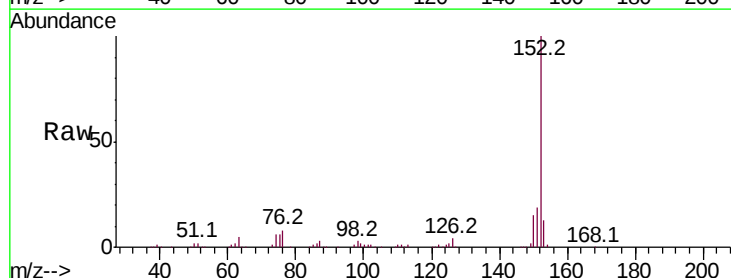
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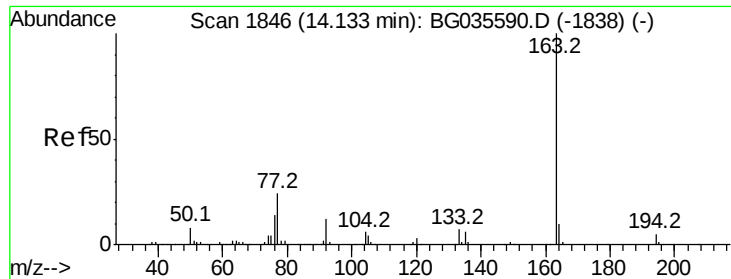
Sohil
8/8/2018 5:34:41 PM



#48
Acenaphthylene
Concen: 42.735 ng
RT: 14.35 min Scan# 1884
Delta R.T. -0.02 min
Lab File: BG036184.D
Acq: 8 Aug 2018 6:11

Tgt Ion	Ratio	Lower	Upper
152	100		
151	18.8	17.2	25.8
153	12.9	10.2	15.4





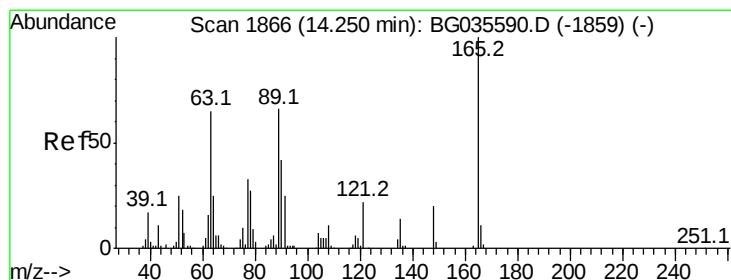
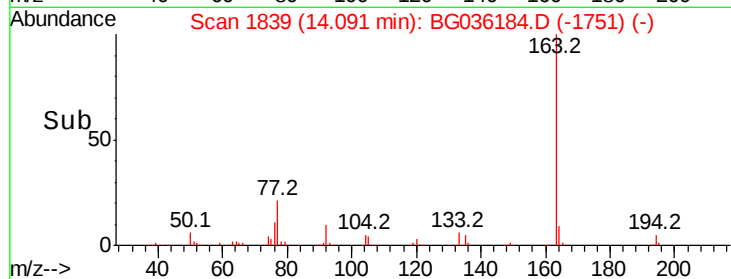
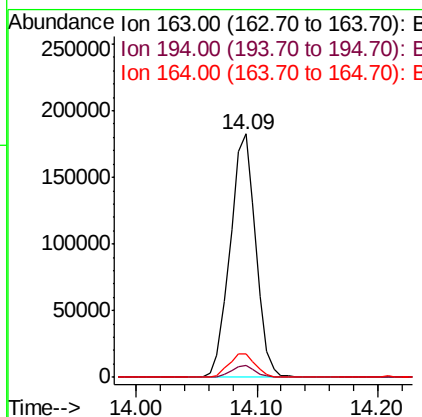
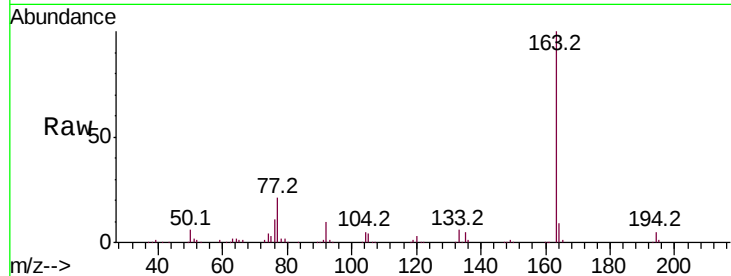
#49
 Dimethylphthalate
 Concen: 41.955 ng
 RT: 14.09 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BG036184.D
 Acq: 8 Aug 2018 6:11

Instrument :
 BNA_G
 ClientSampleId :
 PB111739BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	267867		
194	4.9	3.4	5.2	
164	9.5	8.2	12.4	

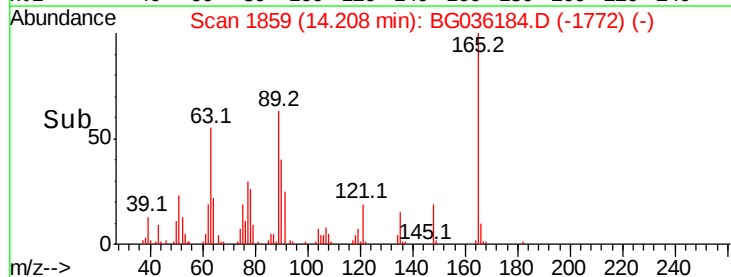
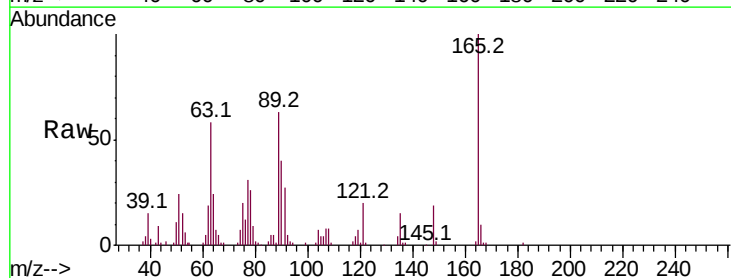
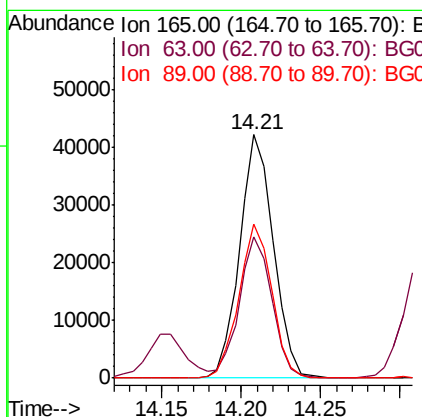
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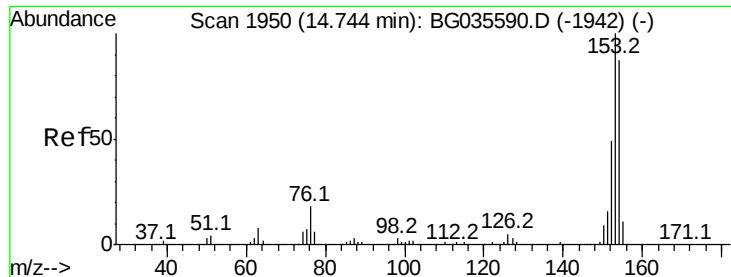
Sohil
 8/8/2018 5:34:41 PM



#50
 2,6-Dinitrotoluene
 Concen: 47.956 ng
 RT: 14.21 min Scan# 1859
 Delta R.T. -0.02 min
 Lab File: BG036184.D
 Acq: 8 Aug 2018 6:11

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	62349		
63	57.8	52.7	79.1	
89	63.2	49.2	73.8	





#51

Acenaphthene

Concen: 39.084 ng

RT: 14.70 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BG036184.D

Acq: 8 Aug 2018 6:11

Instrument :

BNA_G

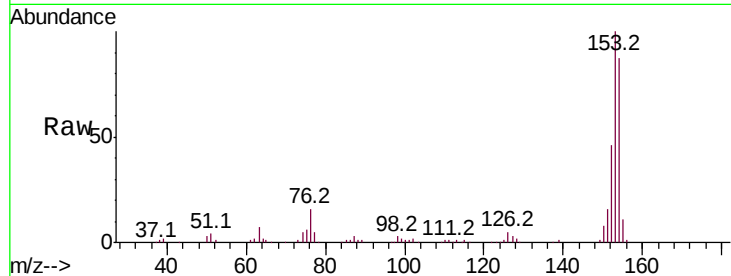
ClientSampleId :

PB111739BS

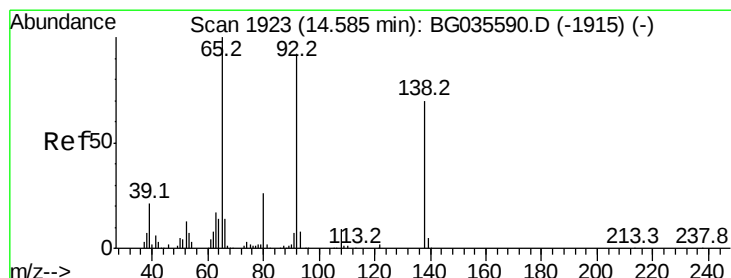
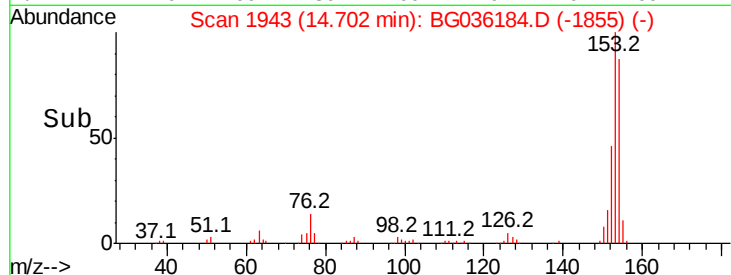
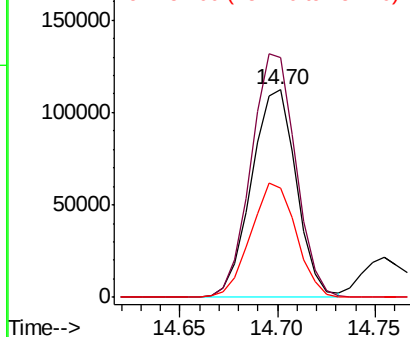
Tot Ion:	154	Resp:	179226
Ion Ratio	Lower	Upper	
154	100		
153	115.4	90.4	135.6
152	52.5	41.6	62.4

Manual Integrations
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8/8/2018 5:34:41 PM



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



#52

3-Nitroaniline

Concen: 33.066 ng

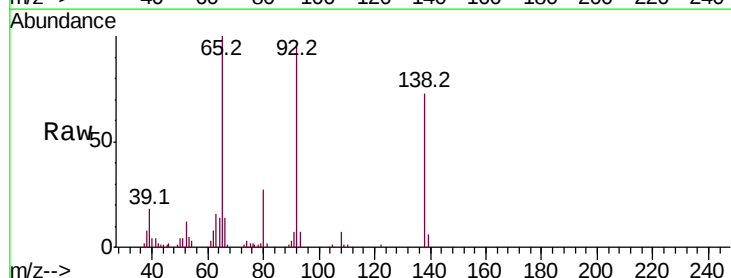
RT: 14.54 min Scan# 1916

Delta R.T. -0.02 min

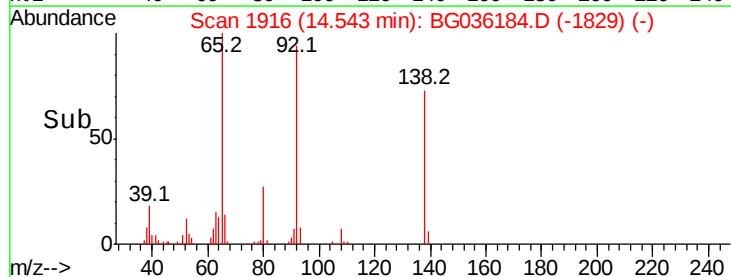
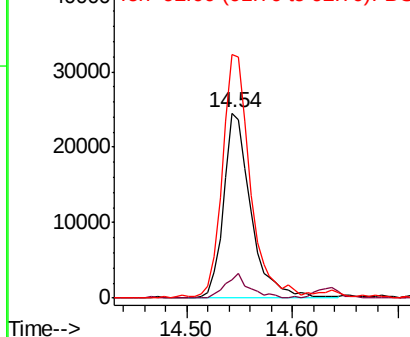
Lab File: BG036184.D

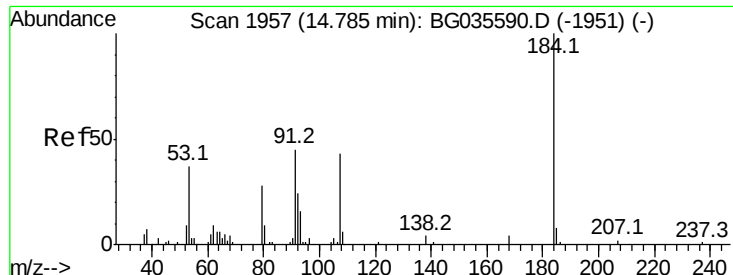
Acq: 8 Aug 2018 6:11

Tgt Ion:	138	Resp:	43939
Ion Ratio	Lower	Upper	
138	100		
108	10.2	17.5	26.3#
92	131.7	105.8	158.8



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





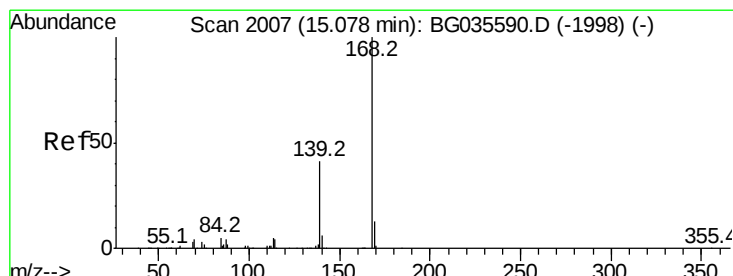
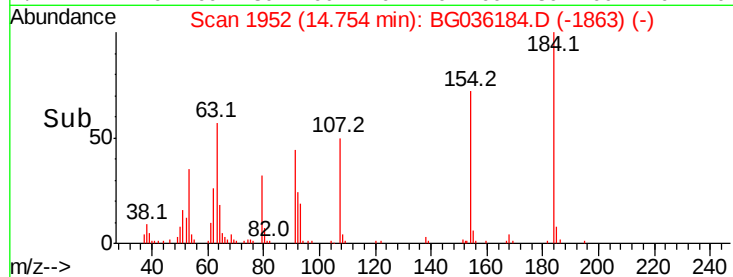
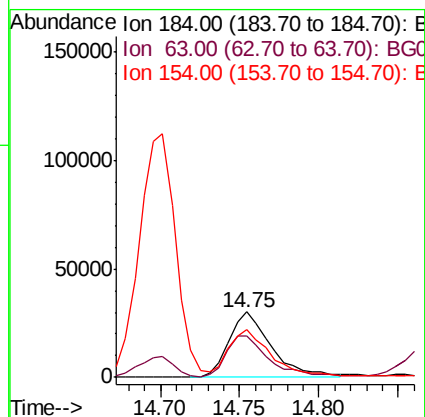
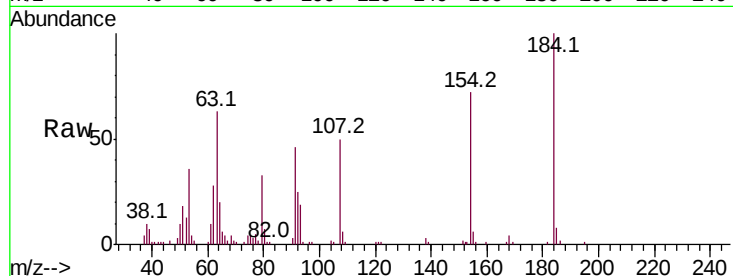
#53
 2,4-Dinitrophenol
 Concen: 83.051 ng
 RT: 14.75 min Scan# 1952
 Delta R.T. -0.01 min
 Lab File: BG036184.D
 Acq: 8 Aug 2018 6:11

Instrument :
 BNA_G
 ClientSampleId :
 PB111739BS

Tot Ion:	184	Resp:	55709
Ion Ratio	Lower	Upper	
184	100		
63	63.0	59.8	89.8
154	72.4	101.8	152.8#

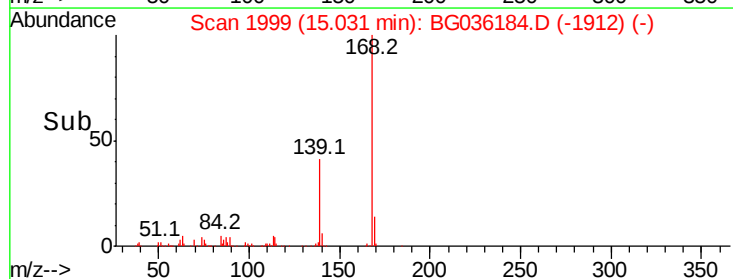
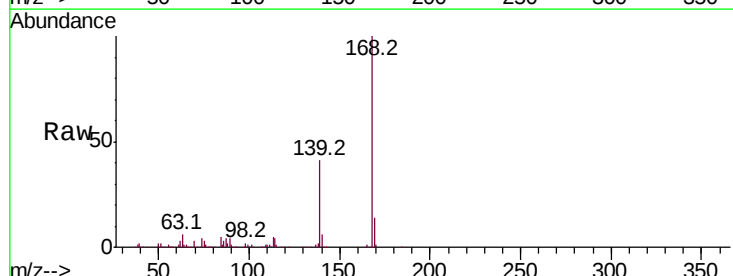
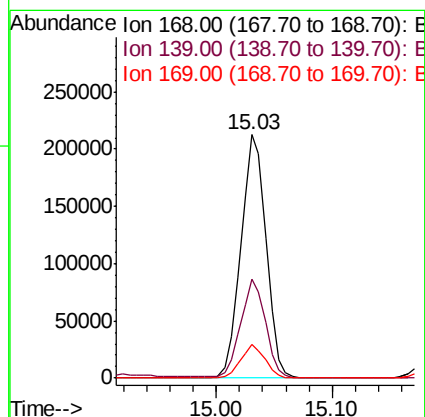
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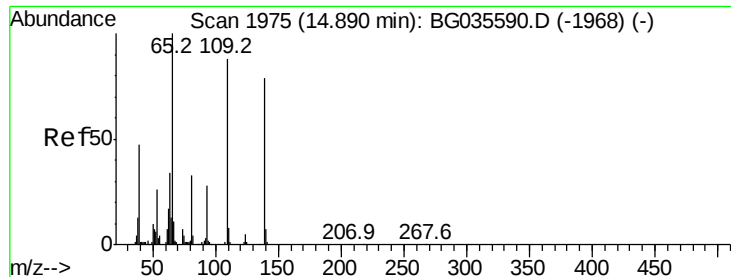
Sohil
 8/8/2018 5:34:41 PM



#54
 Dibenzofuran
 Concen: 43.824 ng
 RT: 15.03 min Scan# 1999
 Delta R.T. -0.02 min
 Lab File: BG036184.D
 Acq: 8 Aug 2018 6:11

Tgt Ion:	168	Resp:	319604
Ion Ratio	Lower	Upper	
168	100		
139	40.7	28.6	43.0
169	13.7	11.2	16.8





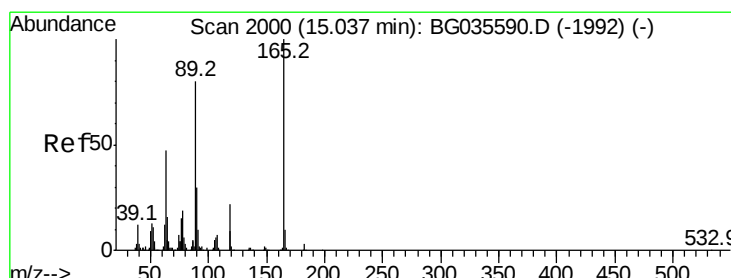
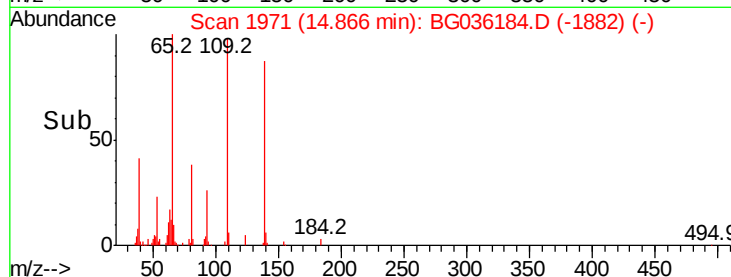
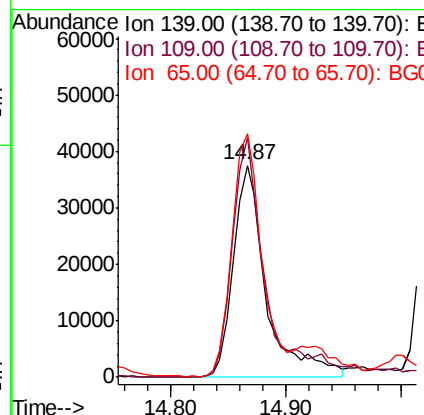
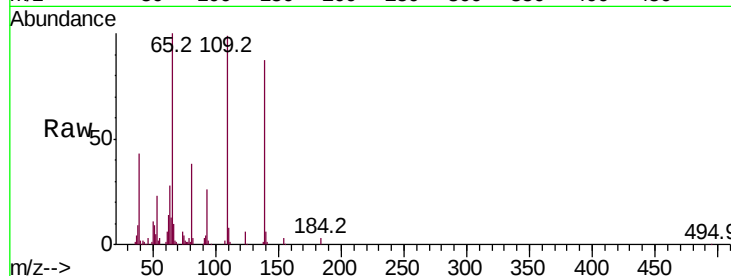
#55
4-Nitrophenol
Concen: 78.159 ng
RT: 14.87 min Scan# 1971
Delta R.T. -0.01 min
Lab File: BG036184.D
Acq: 8 Aug 2018 6:11

Instrument :
BNA_G
ClientSampleId :
PB111739BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	113.2	62.2	102.2#	
65	114.8	97.2	137.2	

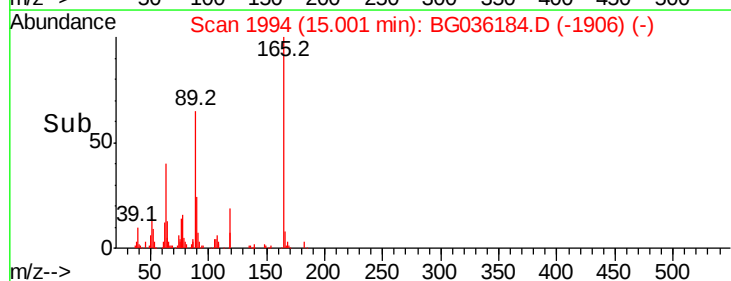
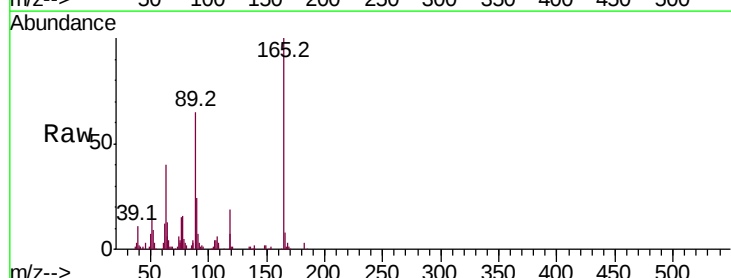
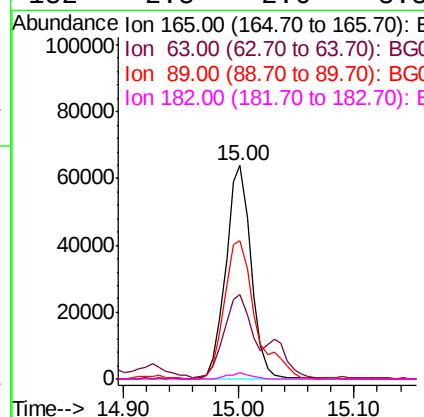
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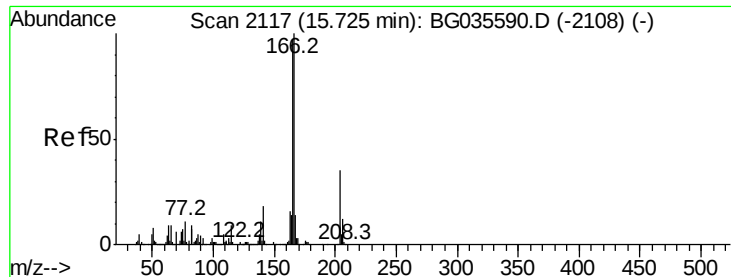
Sohil
8/8/2018 5:34:41 PM



#56
2,4-Dinitrotoluene
Concen: 51.755 ng
RT: 15.00 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BG036184.D
Acq: 8 Aug 2018 6:11

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	39.6	42.0	63.0#	
89	65.0	66.9	100.3#	
182	2.8	2.6	3.8	





#57

Fluorene

Concen: 43.976 ng

RT: 15.68 min Scan# 2110

Delta R.T. -0.01 min

Lab File: BG036184.D

Acq: 8 Aug 2018 6:11

Instrument :

BNA_G

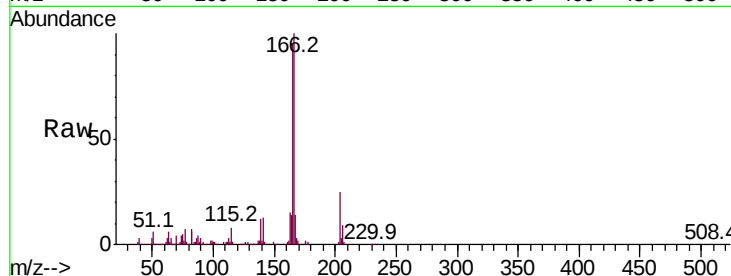
ClientSampleId :

PB111739BS

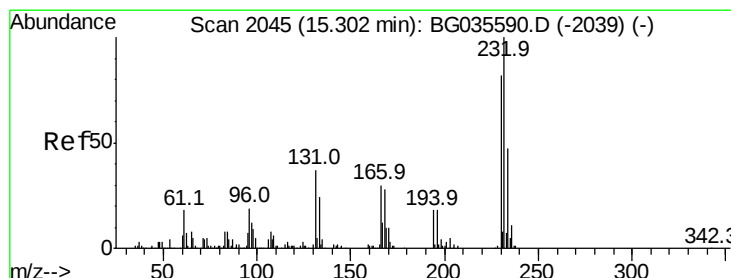
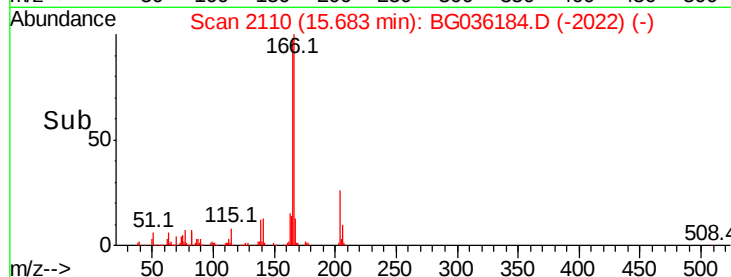
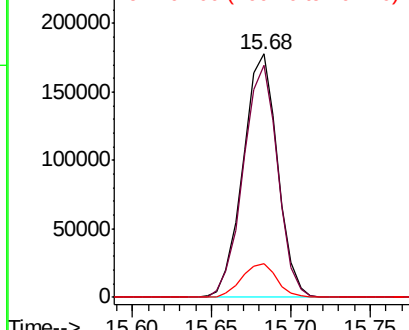
Tot Ion:	166	Resp:	268800
Ion Ratio	Lower	Upper	
166	100		
165	95.3	80.6	121.0
167	13.6	10.4	15.6

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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 51.602 ng

RT: 15.26 min Scan# 2038

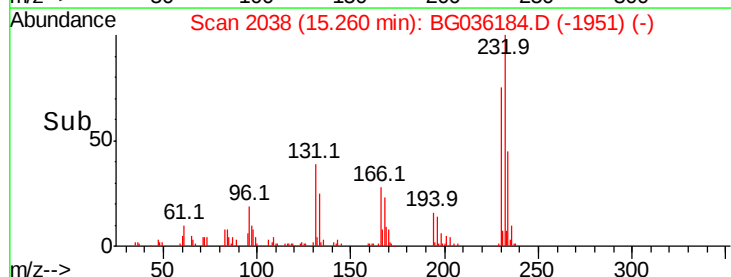
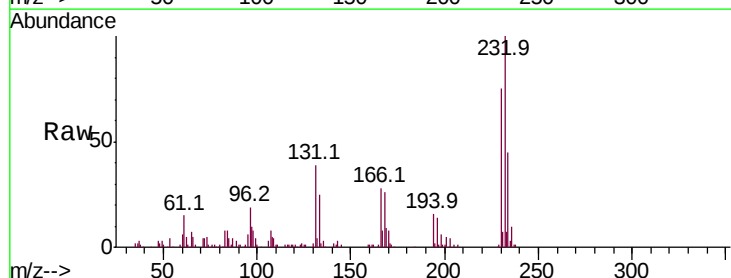
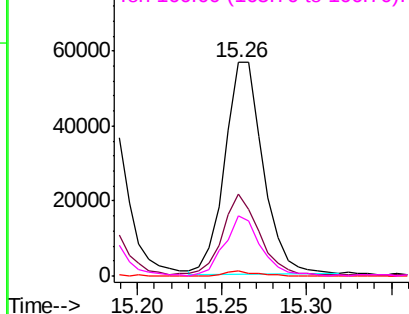
Delta R.T. -0.02 min

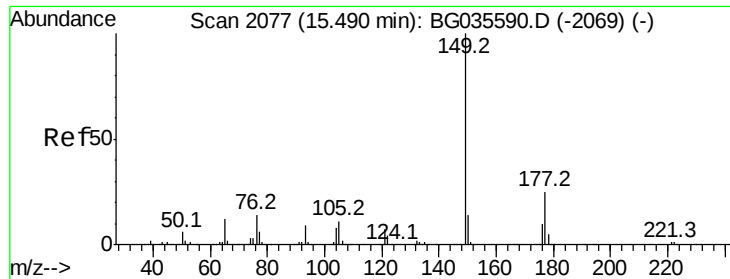
Lab File: BG036184.D

Acq: 8 Aug 2018 6:11

Tgt Ion:	232	Resp:	89025
Ion Ratio	Lower	Upper	
232	100		
131	36.6	33.5	50.3
130	1.9	2.2	3.2#
166	27.2	24.8	37.2

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





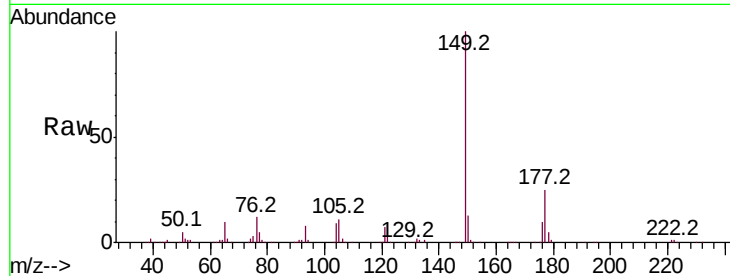
#59
Diethylphthalate
Concen: 40.832 ng
RT: 15.45 min Scan# 2070
Delta R.T. -0.01 min
Lab File: BG036184.D
Acq: 8 Aug 2018 6:11

Instrument :
BNA_G
ClientSampled :
PB111739BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	268059		
177	24.6	18.5	27.7	
150	12.6	10.2	15.2	

Manual Integrations
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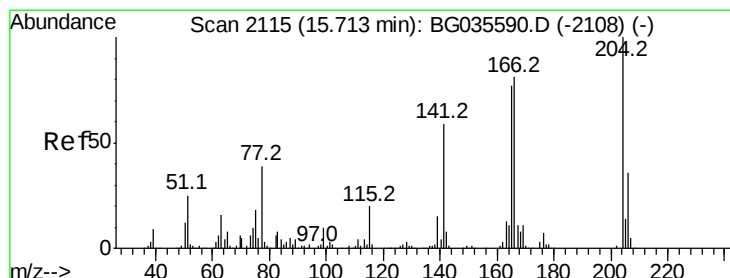
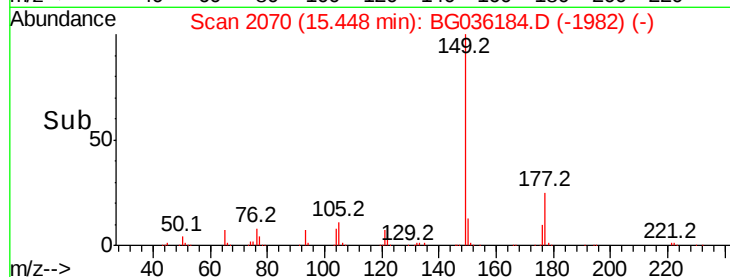
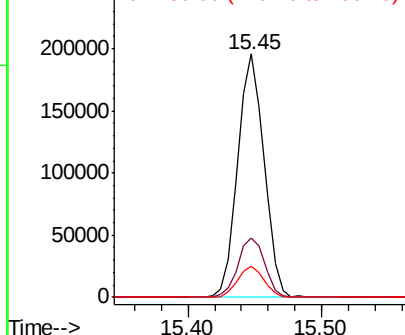


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60
4-Chlorophenyl-phenylether
Concen: 43.548 ng
RT: 15.67 min Scan# 2108
Delta R.T. -0.02 min
Lab File: BG036184.D
Acq: 8 Aug 2018 6:11

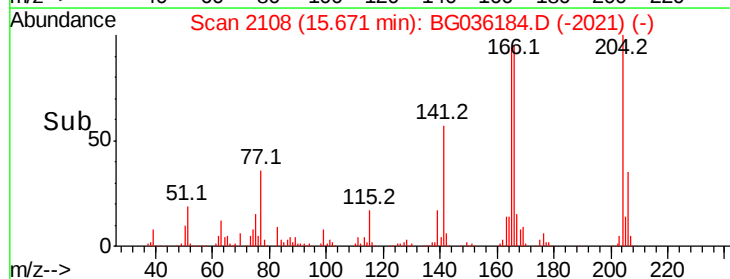
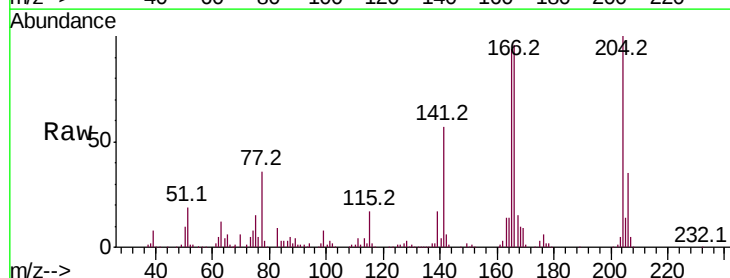
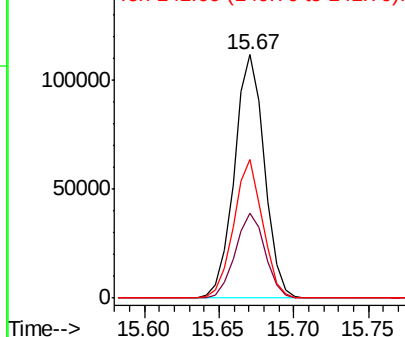
Tgt Ion	Ratio	Resp	Lower	Upper
204	100	156452		
206	35.1	26.2	39.2	
141	57.1	45.8	68.6	

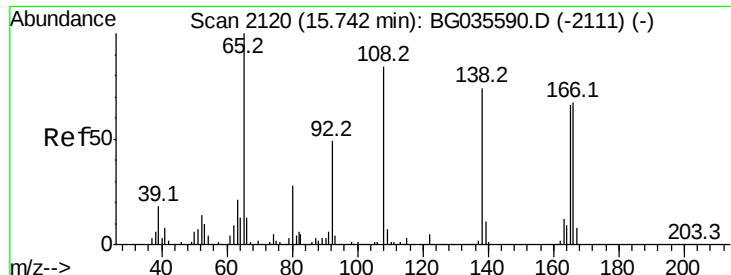
Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





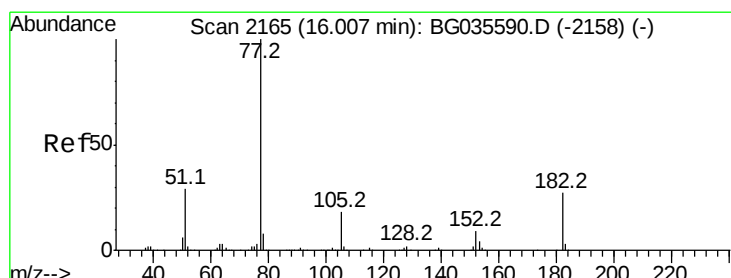
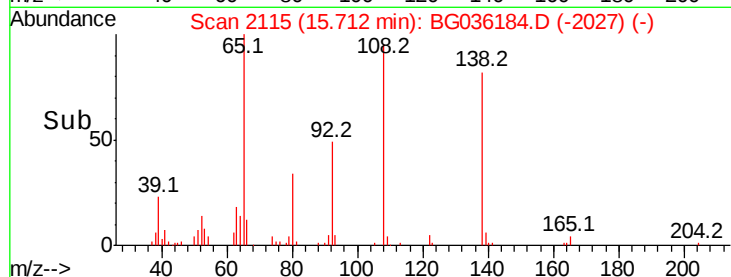
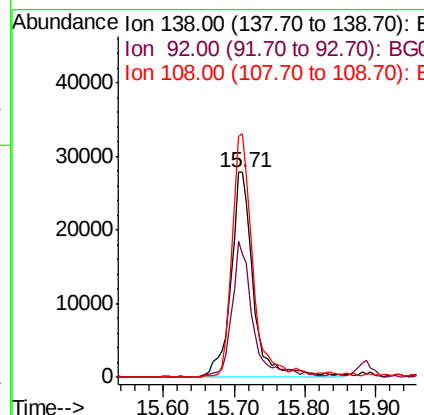
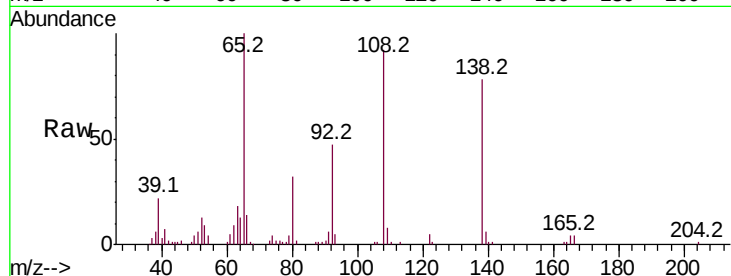
#61
4-Nitroaniline
Concen: 44.264 ng
RT: 15.71 min Scan# 2115
Delta R.T. -0.01 min
Lab File: BG036184.D
Acq: 8 Aug 2018 6:11

Instrument :
BNA_G
ClientSampleId :
PB111739BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	60.3	40.1	80.1
108	118.7	65.4	105.4

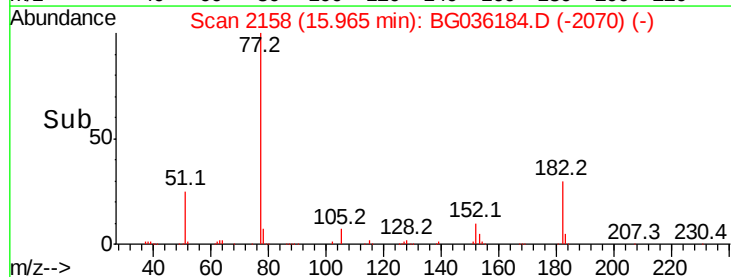
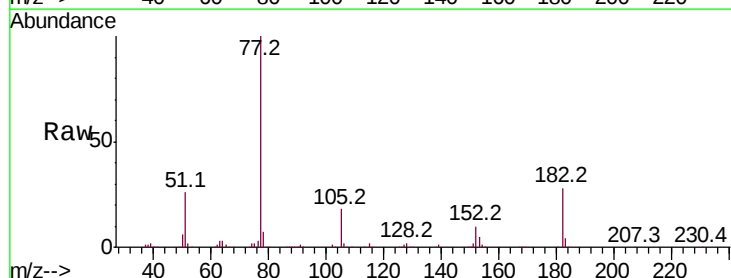
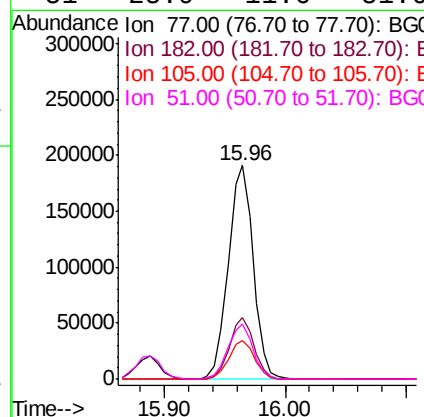
Manual Integrations
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8/8/2018 5:34:41 PM



#62
Azobenzene
Concen: 41.962 ng
RT: 15.96 min Scan# 2158
Delta R.T. -0.01 min
Lab File: BG036184.D
Acq: 8 Aug 2018 6:11

Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.5	7.4	47.4
105	18.1	0.3	40.3
51	25.9	11.6	51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.38 min Scan# 2399

Delta R.T. -0.01 min

Lab File: BG036184.D

Acq: 8 Aug 2018 6:11

Instrument :

BNA_G

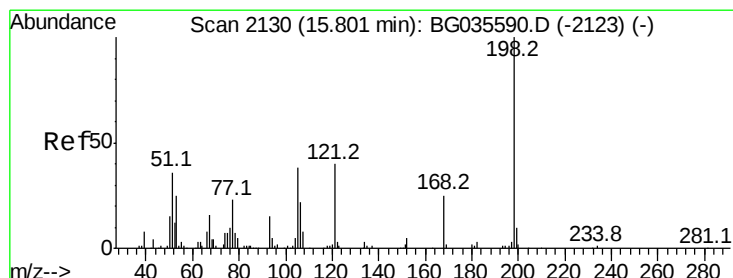
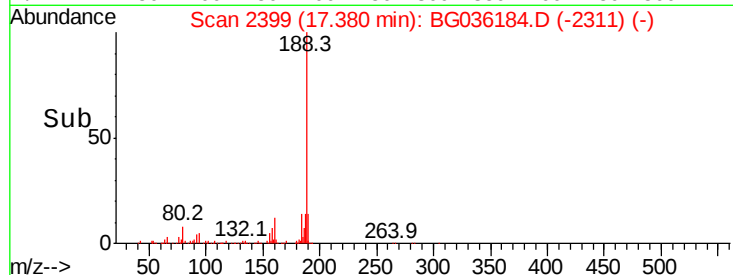
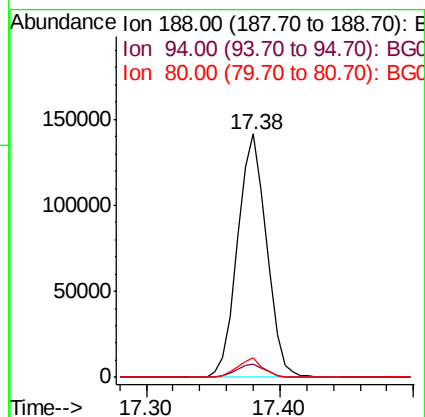
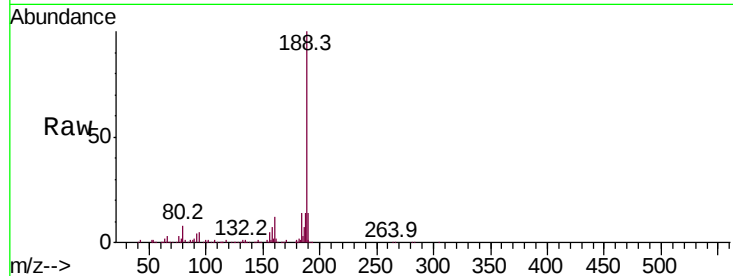
ClientSampleId :

PB111739BS

Tot Ion:188	Resp: 213229
Ion Ratio	Lower Upper
188 100	
94 5.3	6.9 10.3#
80 7.9	7.7 11.5

Manual Integrations
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#64

4,6-Dinitro-2-methylphenol

Concen: 45.262 ng

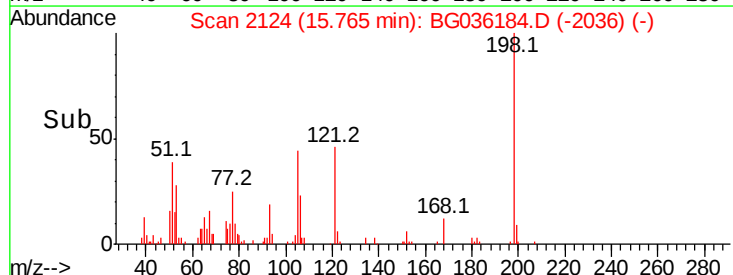
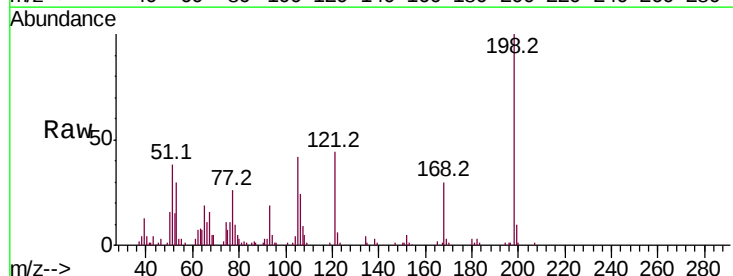
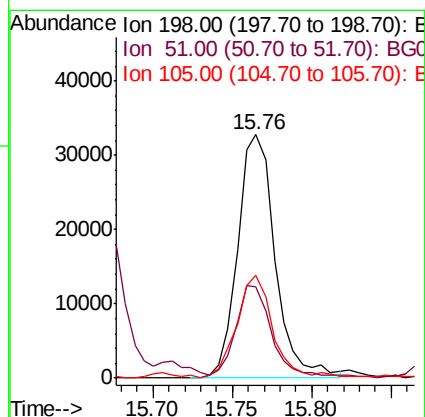
RT: 15.76 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BG036184.D

Acq: 8 Aug 2018 6:11

Tgt Ion:198	Resp: 53725
Ion Ratio	Lower Upper
198 100	
51 37.7	30.6 70.6
105 42.3	23.8 63.8





#65

n-Nitrosodiphenylamine

Concen: 39.303 ng

RT: 15.89 min Scan# 2145

Delta R.T. -0.01 min

Lab File: BG036184.D

Acq: 8 Aug 2018 6:11

Instrument :

BNA_G

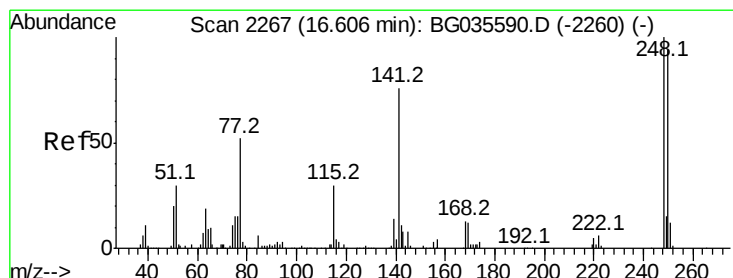
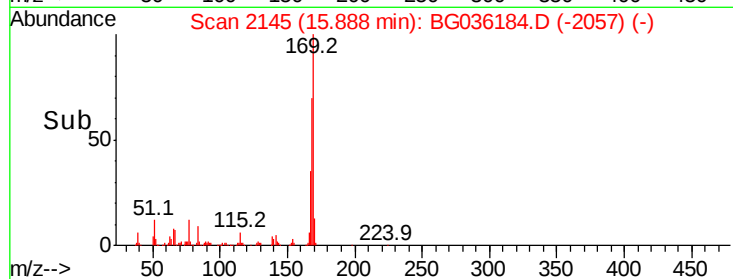
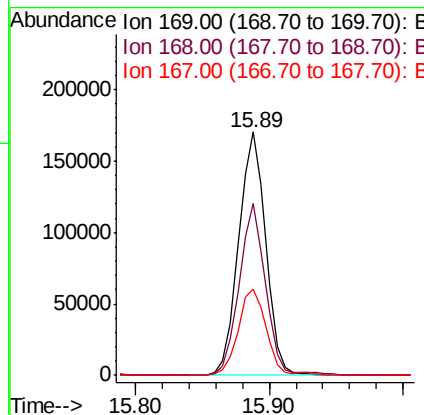
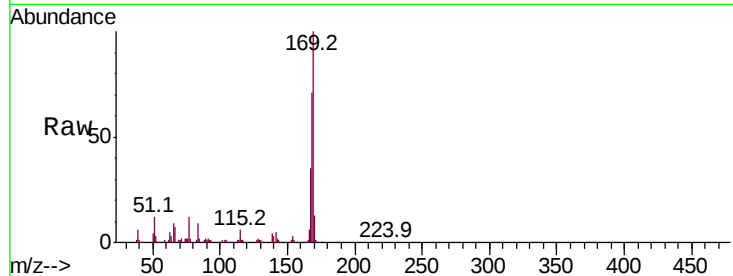
ClientSampleId :

PB111739BS

Tot Ion:	169	Resp:	238539
Ion Ratio	Lower	Upper	
169	100		
168	70.7	55.7	83.5
167	35.5	30.1	45.1

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#66

4-Bromophenyl-phenylether

Concen: 43.392 ng

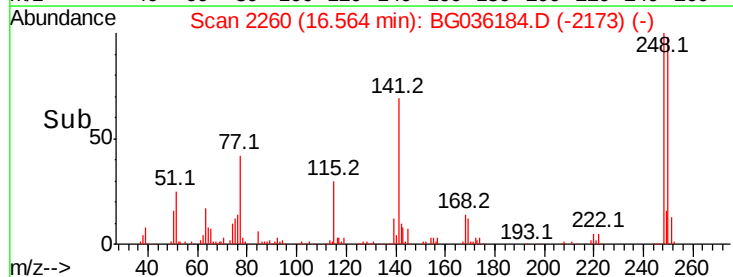
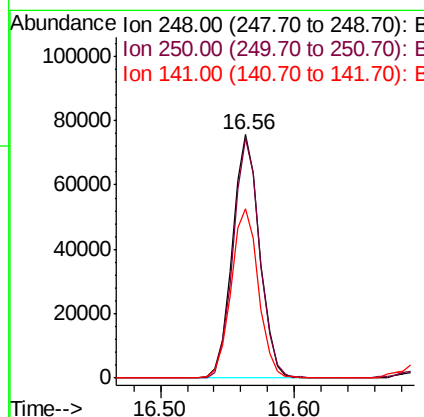
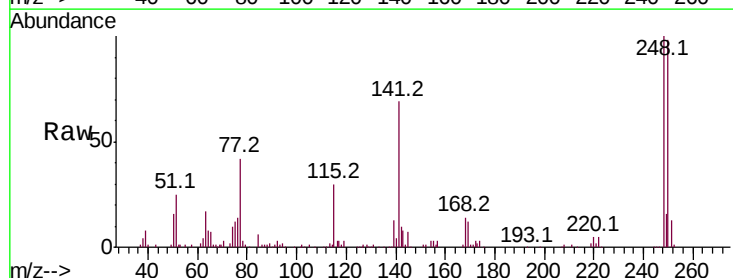
RT: 16.56 min Scan# 2260

Delta R.T. -0.02 min

Lab File: BG036184.D

Acq: 8 Aug 2018 6:11

Tgt Ion:	248	Resp:	107345
Ion Ratio	Lower	Upper	
248	100		
250	98.4	77.1	115.7
141	69.4	50.8	76.2





#67

Hexachlorobenzene

Concen: 43.122 ng

RT: 16.69 min Scan# 2281

Delta R.T. -0.01 min

Lab File: BG036184.D

Acq: 8 Aug 2018 6:11

Instrument :

BNA_G

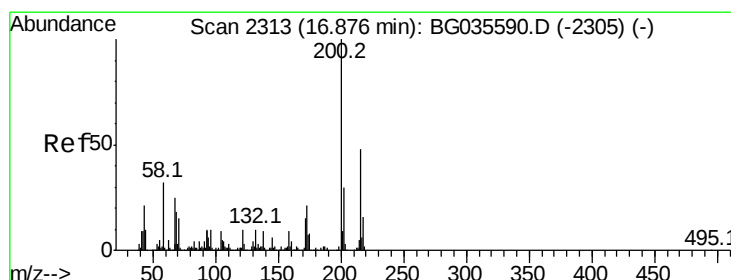
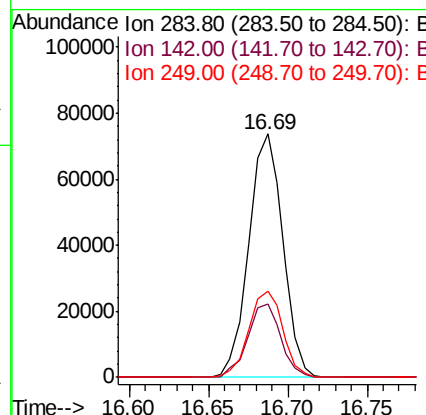
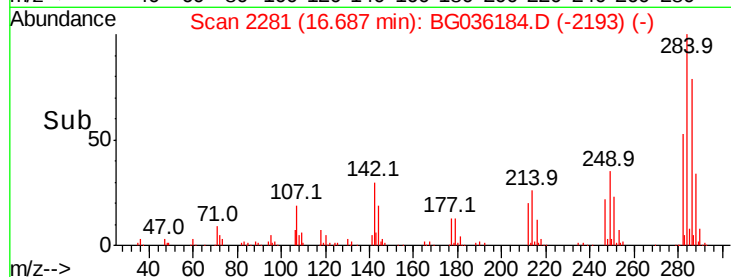
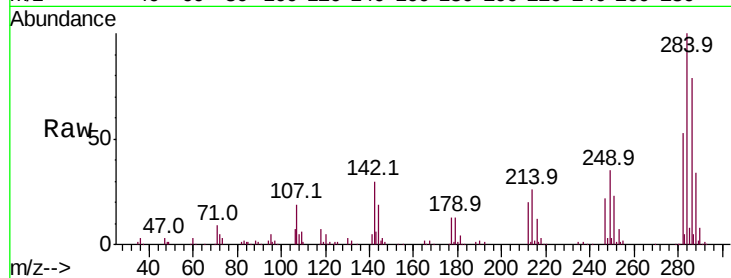
ClientSampleId :

PB111739BS

Tot Ion:	284	Resp:	109855
Ion Ratio	Lower	Upper	
284	100		
142	30.0	26.8	40.2
249	35.3	26.3	39.5

Manual Integrations
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#68

Atrazine

Concen: 46.018 ng

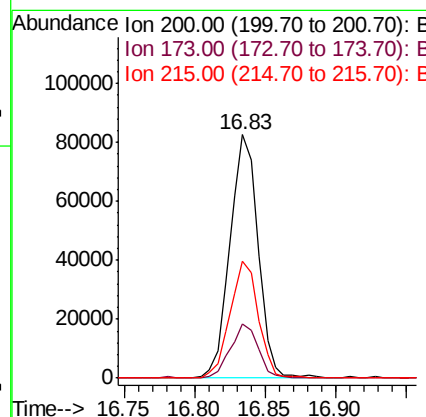
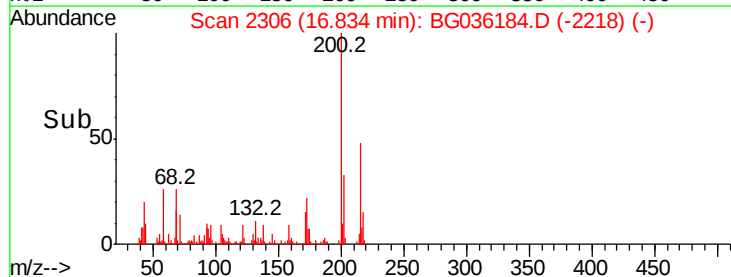
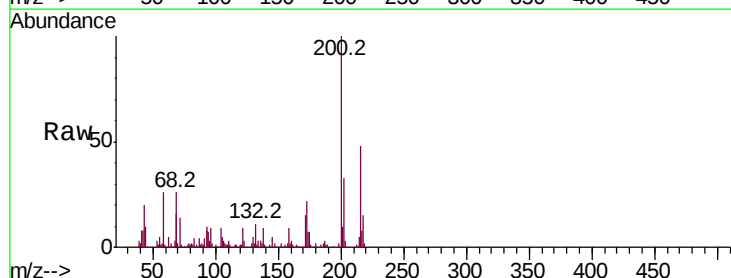
RT: 16.83 min Scan# 2306

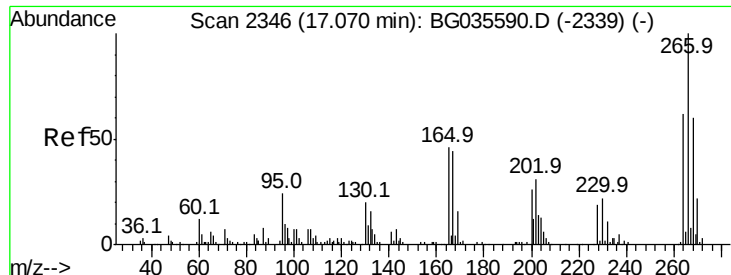
Delta R.T. -0.01 min

Lab File: BG036184.D

Acq: 8 Aug 2018 6:11

Tgt Ion:	200	Resp:	114995
Ion Ratio	Lower	Upper	
200	100		
173	22.0	5.2	45.2
215	47.8	30.4	70.4





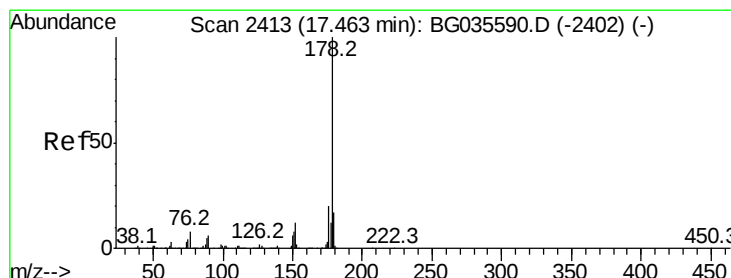
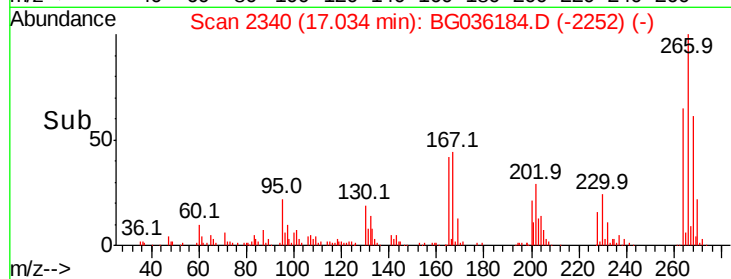
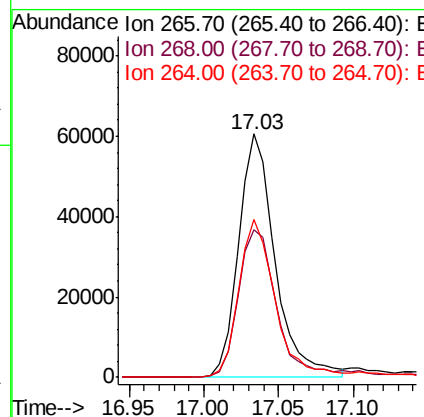
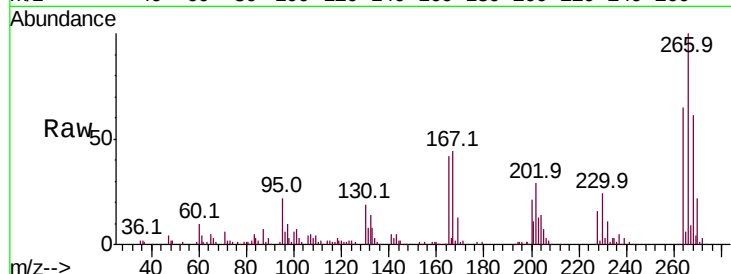
#69
 Pentachlorophenol
 Concen: 66.605 ng
 RT: 17.03 min Scan# 2340
 Delta R.T. -0.01 min
 Lab File: BG036184.D
 Acq: 8 Aug 2018 6:11

Instrument :
 BNA_G
 ClientSampleId :
 PB111739BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100			
268	60.7	51.1	76.7	
264	64.9	49.6	74.4	

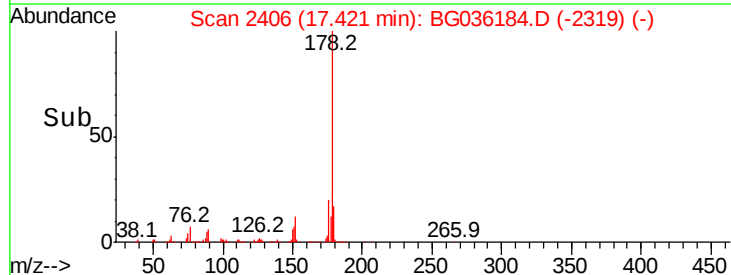
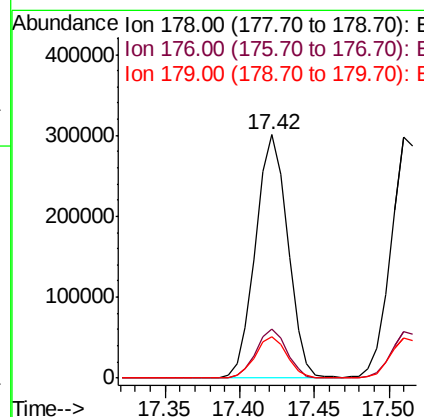
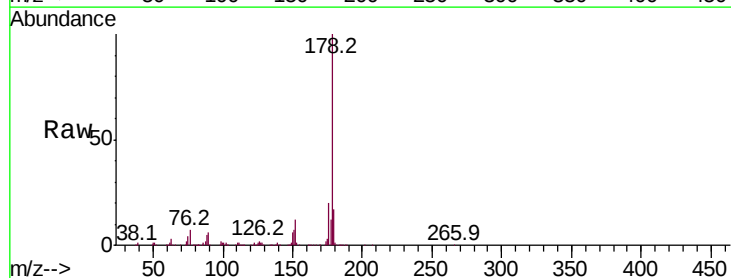
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#70
 Phenanthrene
 Concen: 42.243 ng
 RT: 17.42 min Scan# 2406
 Delta R.T. -0.02 min
 Lab File: BG036184.D
 Acq: 8 Aug 2018 6:11

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	20.0	15.7	23.5	
179	17.2	12.5	18.7	





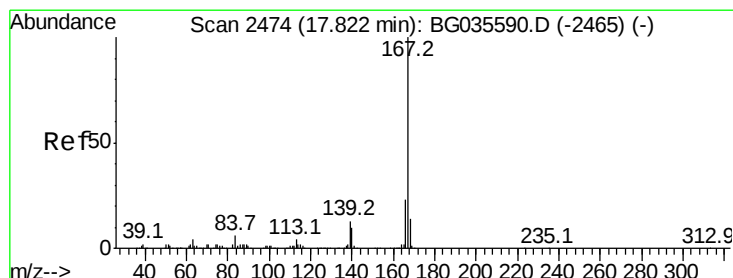
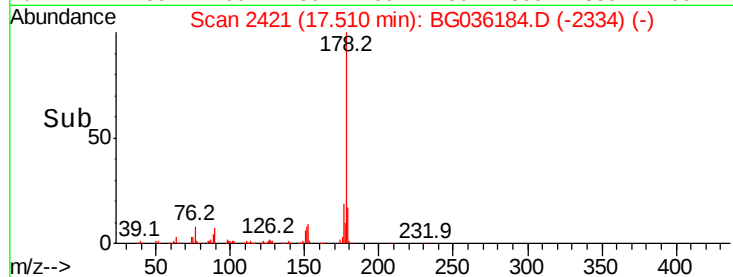
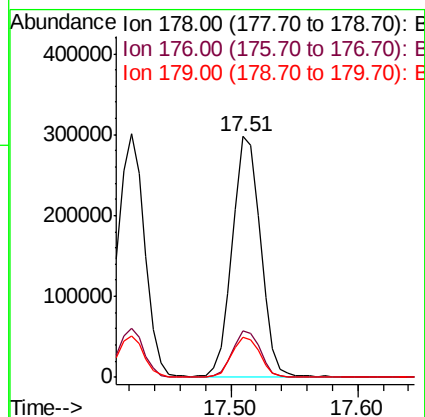
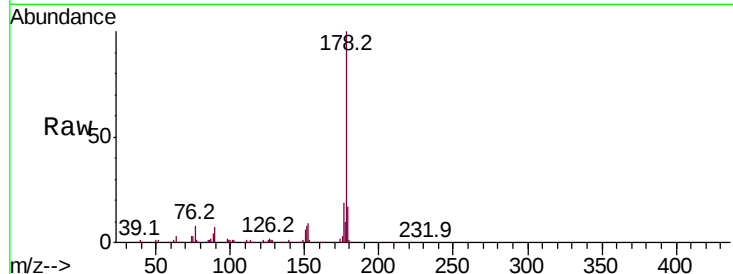
#71
 Anthracene
 Concen: 43.207 ng
 RT: 17.51 min Scan# 2421
 Delta R.T. -0.02 min
 Lab File: BG036184.D
 Acq: 8 Aug 2018 6:11

Instrument :
 BNA_G
 ClientSampleId :
 PB111739BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.0	24.0
179	16.6	12.5	18.7

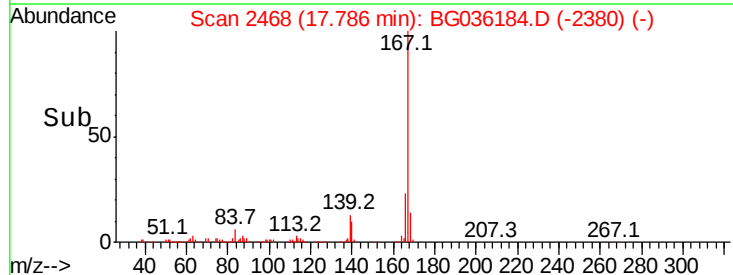
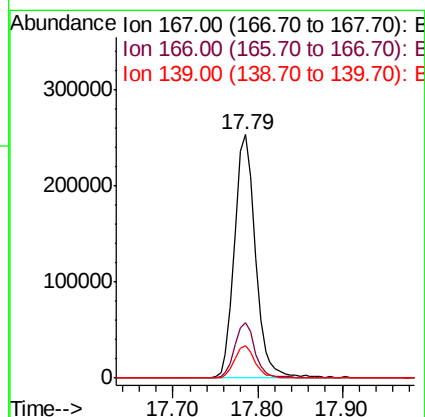
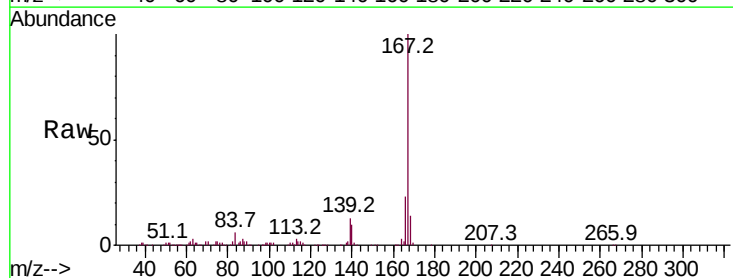
Manual Integrations
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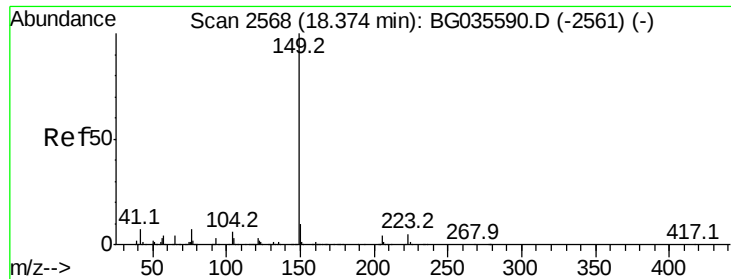
Sohil
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#72
 Carbazole
 Concen: 42.894 ng
 RT: 17.79 min Scan# 2468
 Delta R.T. -0.01 min
 Lab File: BG036184.D
 Acq: 8 Aug 2018 6:11

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.7	18.2	27.4
139	13.4	9.4	14.2





#73

Di-n-butylphthalate

Concen: 40.920 ng

RT: 18.33 min Scan# 2561

Delta R.T. -0.02 min

Lab File: BG036184.D

Acq: 8 Aug 2018 6:11

Instrument :

BNA_G

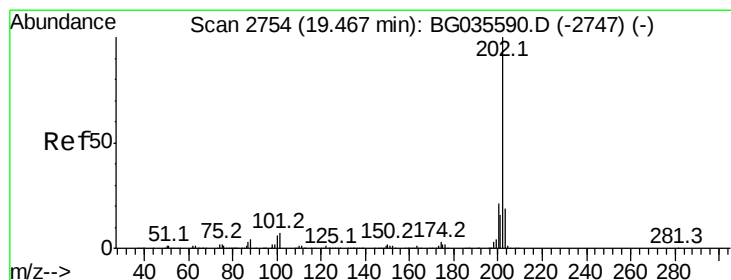
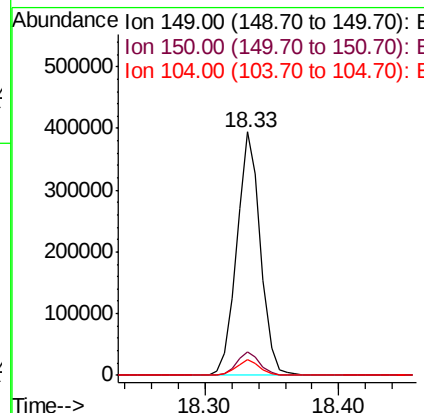
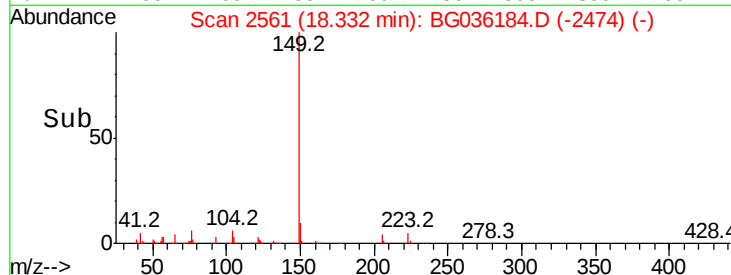
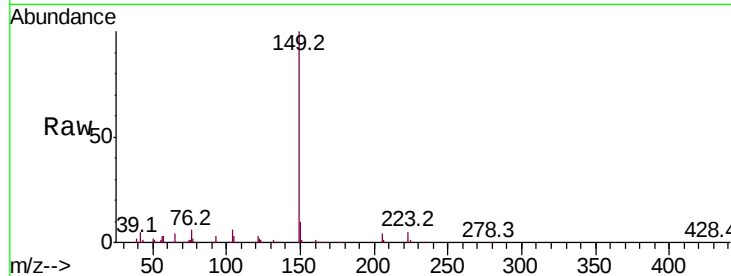
ClientSampleId :

PB111739BS

Tot Ion:	149	Resp:	486519
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.8	11.6
104	6.5	3.9	5.9#

Manual Integrations
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#74

Fluoranthene

Concen: 44.754 ng

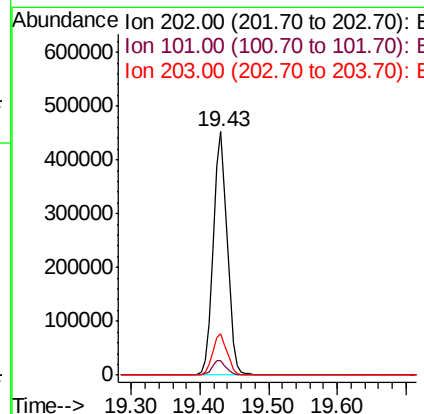
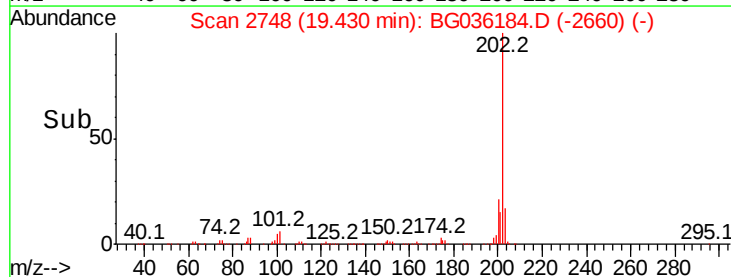
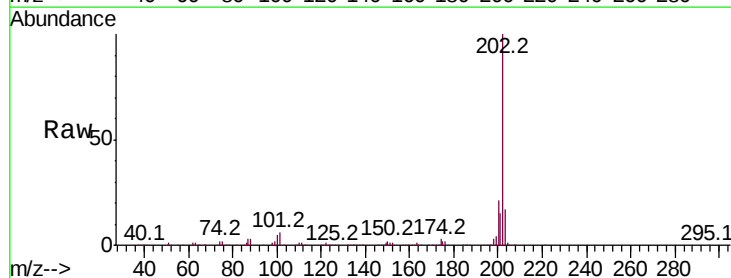
RT: 19.43 min Scan# 2748

Delta R.T. -0.01 min

Lab File: BG036184.D

Acq: 8 Aug 2018 6:11

Tgt Ion:	202	Resp:	641393
Ion Ratio	Lower	Upper	
202	100		
101	6.1	0.0	28.9
203	17.1	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3125

Delta R.T. -0.01 min

Lab File: BG036184.D

Acq: 8 Aug 2018 6:11

Instrument :

BNA_G

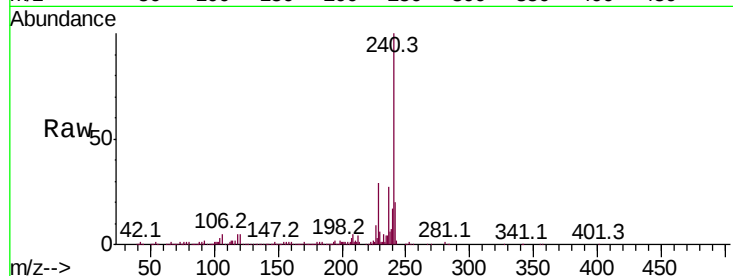
ClientSampleId :

PB111739BS

Tot Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	5.2	6.8	10.2#
236	27.0	20.9	31.3

Manual Integrations
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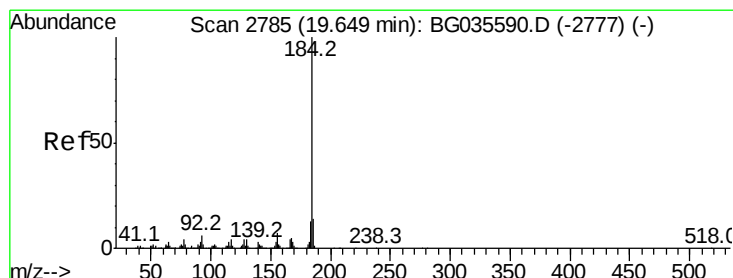
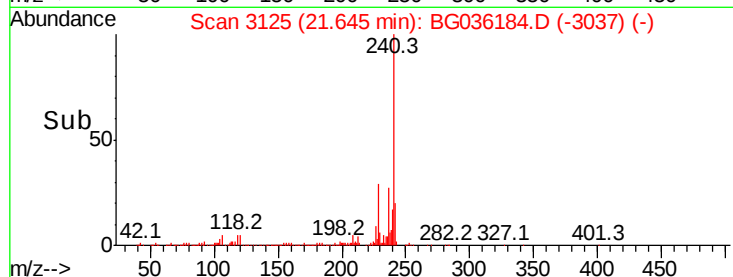
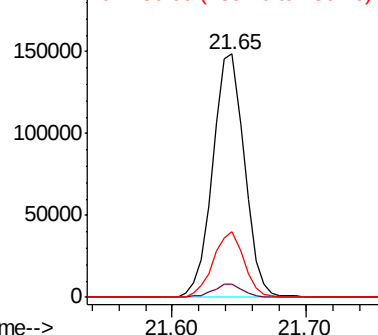
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 39.761 ng

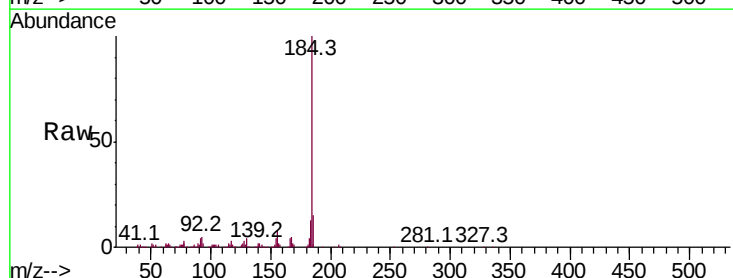
RT: 19.61 min Scan# 2779

Delta R.T. -0.01 min

Lab File: BG036184.D

Acq: 8 Aug 2018 6:11

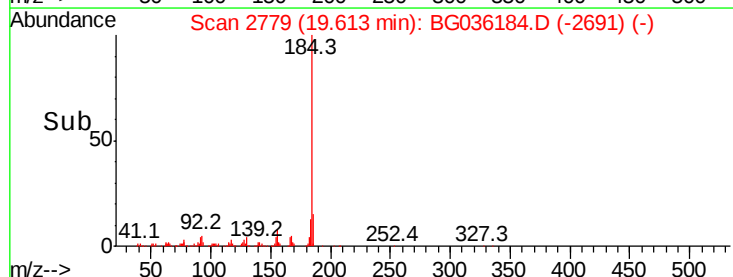
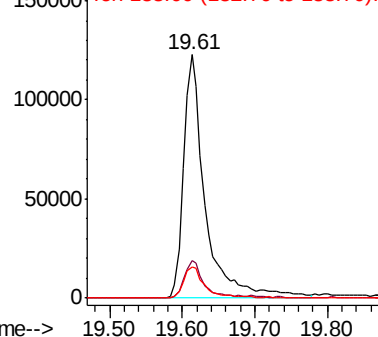
Tgt Ion	Ratio	Resp Lower	Resp Upper
184	100		
185	15.2	11.1	16.7
183	13.0	10.6	16.0

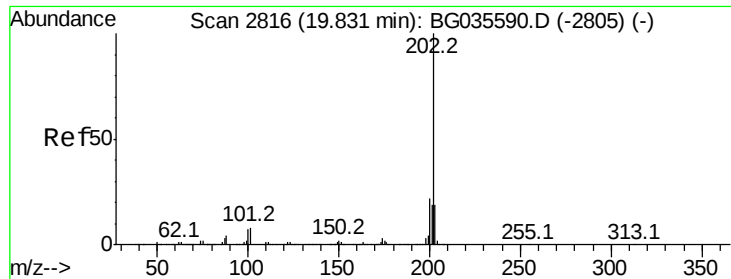


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





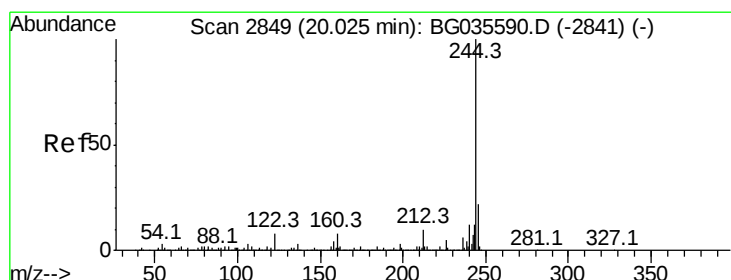
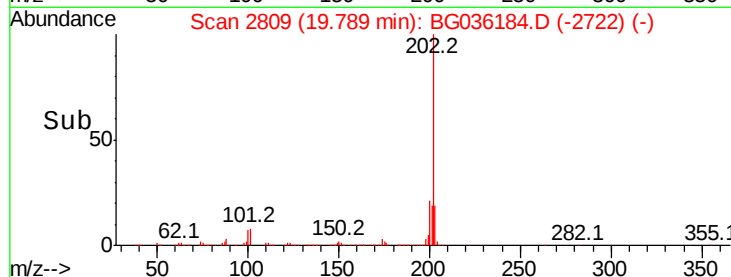
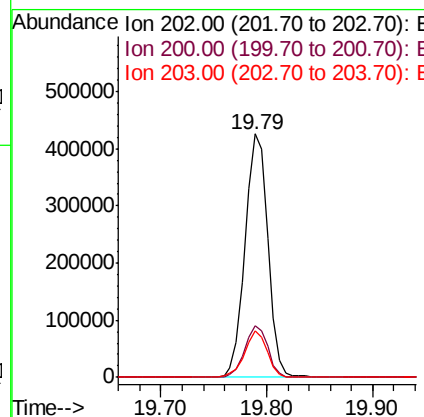
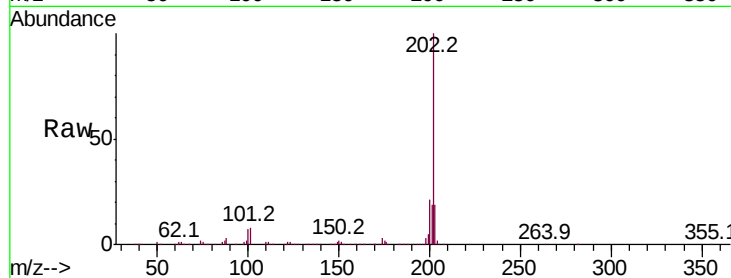
#77
Pvrene
Concen: 41.140 ng
RT: 19.79 min Scan# 2809
Delta R.T. -0.02 min
Lab File: BG036184.D
Acq: 8 Aug 2018 6:11

Instrument :
BNA_G
ClientSampleId :
PB111739BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.1	16.9	25.3
203	19.0	13.9	20.9

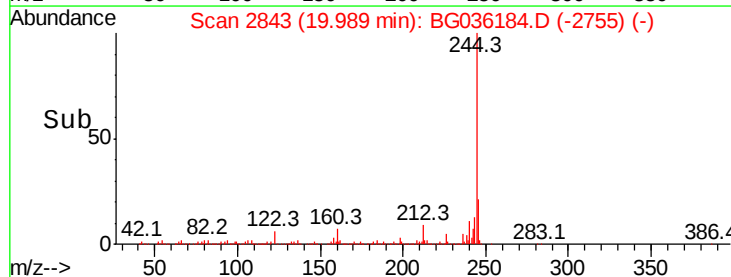
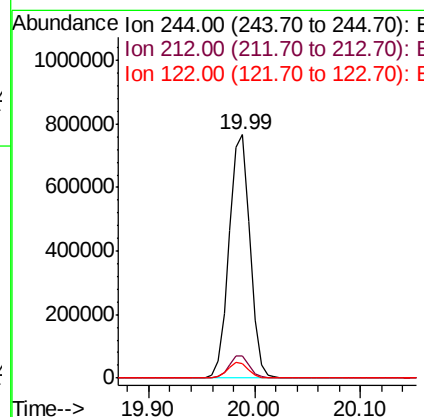
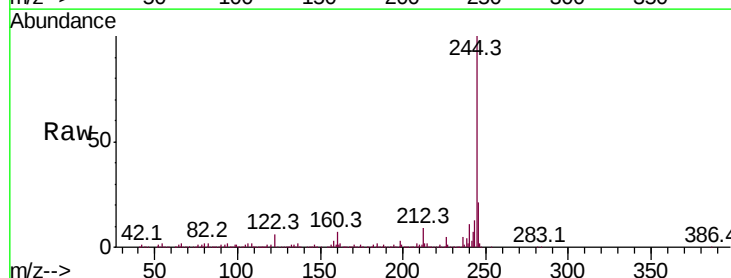
Manual Integrations
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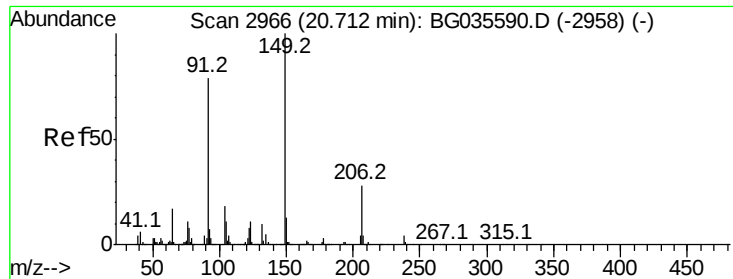
Sohil
8/8/2018 5:34:41 PM



#78
Terphenyl-d14
Concen: 94.663 ng
RT: 19.99 min Scan# 2843
Delta R.T. -0.01 min
Lab File: BG036184.D
Acq: 8 Aug 2018 6:11

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	9.3	5.8	8.8#
122	6.1	7.0	10.4#





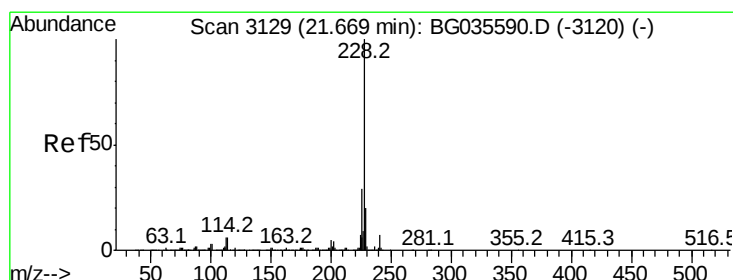
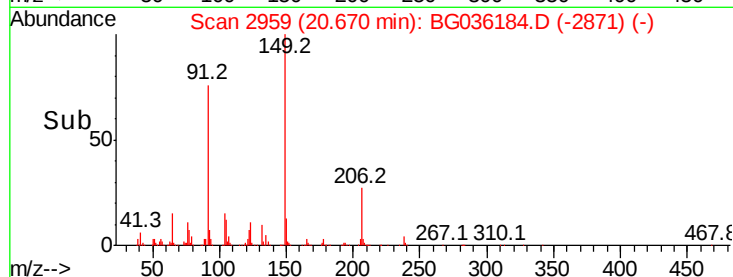
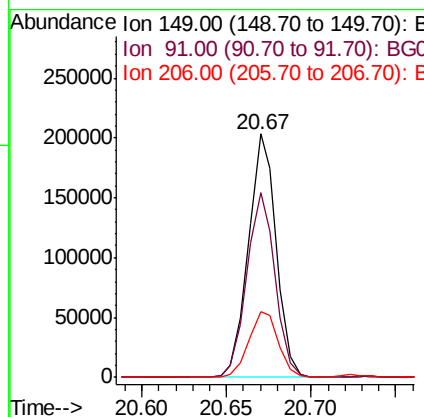
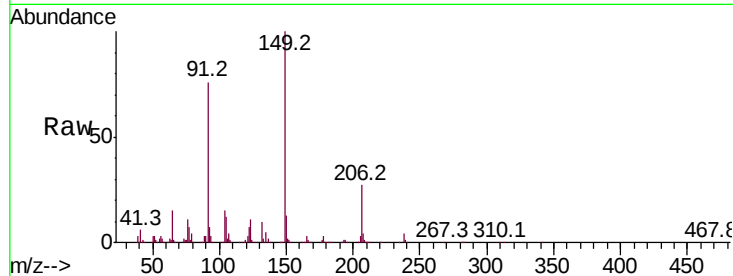
#79
Butylbenzylphthalate
Concen: 42.379 ng
RT: 20.67 min Scan# 2959
Delta R.T. -0.01 min
Lab File: BG036184.D
Acq: 8 Aug 2018 6:11

Instrument :
BNA_G
ClientSampleId :
PB111739BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
91	75.8	62.2	93.2	
206	27.0	18.6	27.8	

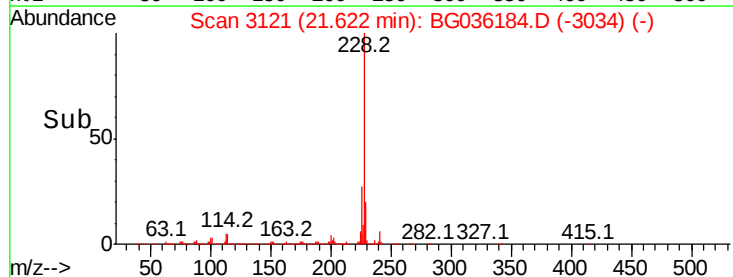
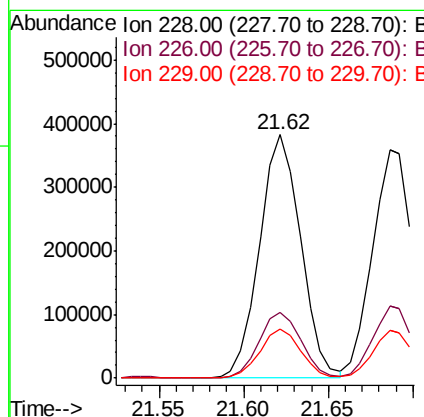
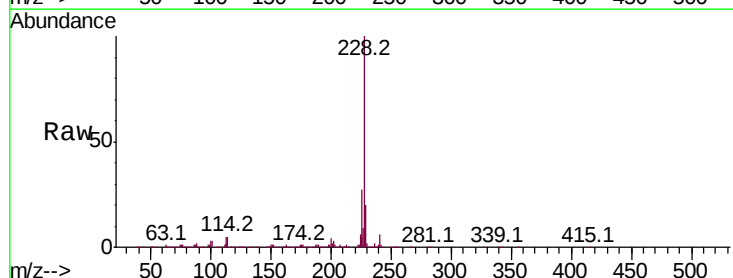
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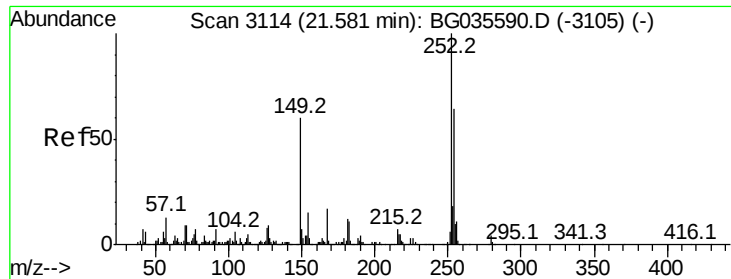
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#80
Benzo(a)anthracene
Concen: 42.319 ng
RT: 21.62 min Scan# 3121
Delta R.T. -0.02 min
Lab File: BG036184.D
Acq: 8 Aug 2018 6:11

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	27.1	22.7	34.1	
229	20.2	16.2	24.2	





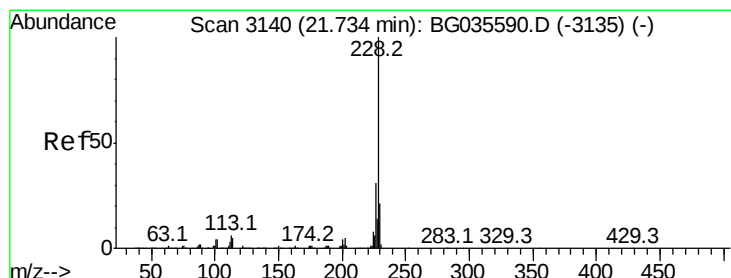
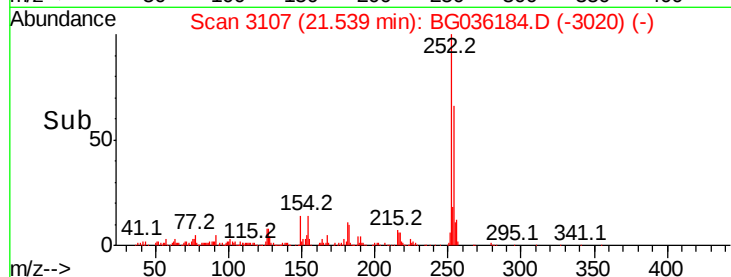
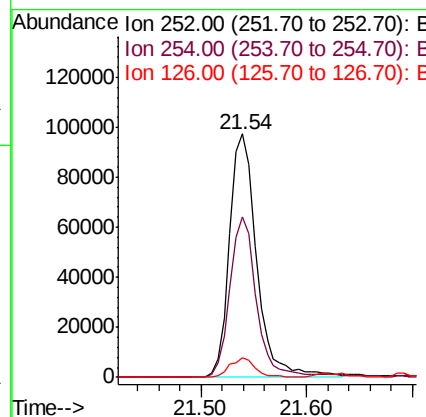
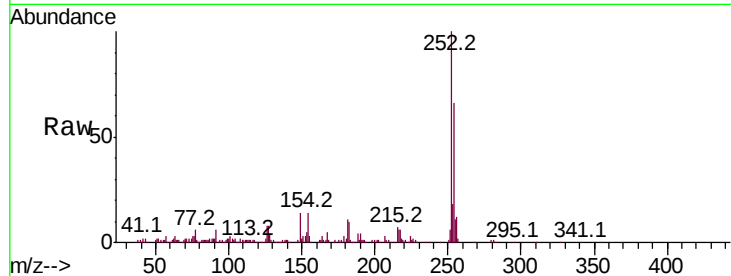
#81
 3,3'-Dichlorobenzidine
 Concen: 32.770 ng
 RT: 21.54 min Scan# 3107
 Delta R.T. -0.02 min
 Lab File: BG036184.D
 Acq: 8 Aug 2018 6:11

Instrument :
 BNA_G
 ClientSampleId :
 PB111739BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	66.0	50.8	76.2
126	8.0	7.4	11.2

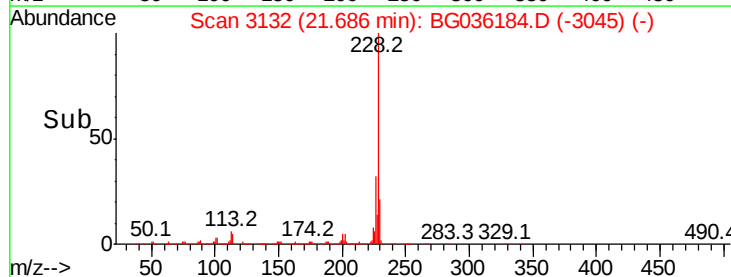
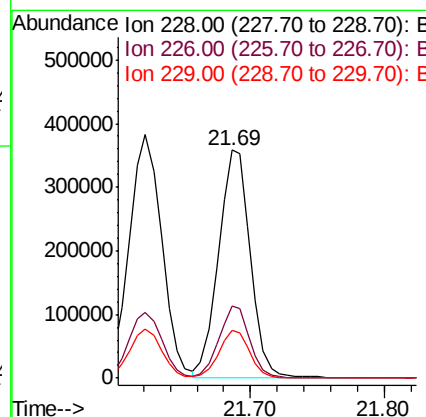
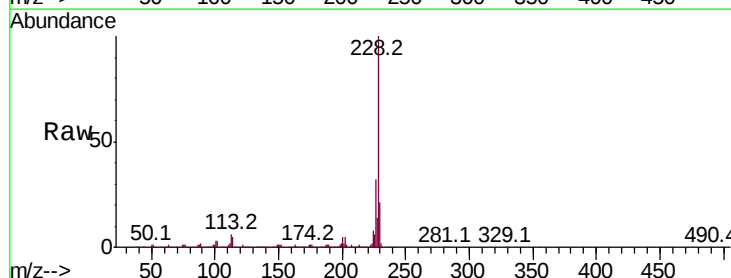
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#82
 Chrysene
 Concen: 42.360 ng
 RT: 21.69 min Scan# 3132
 Delta R.T. -0.02 min
 Lab File: BG036184.D
 Acq: 8 Aug 2018 6:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.9	37.3
229	20.7	15.0	22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.444 ng

RT: 21.52 min Scan# 3104

Delta R.T. -0.02 min

Lab File: BG036184.D

Acq: 8 Aug 2018 6:11

Instrument :

BNA_G

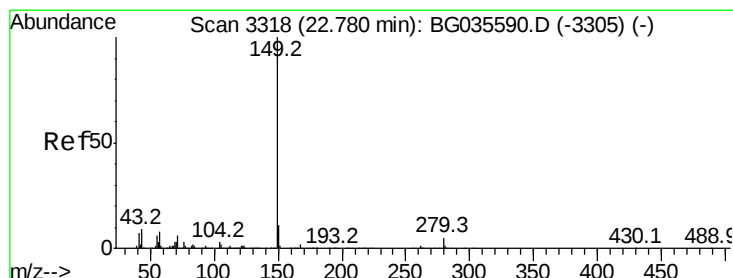
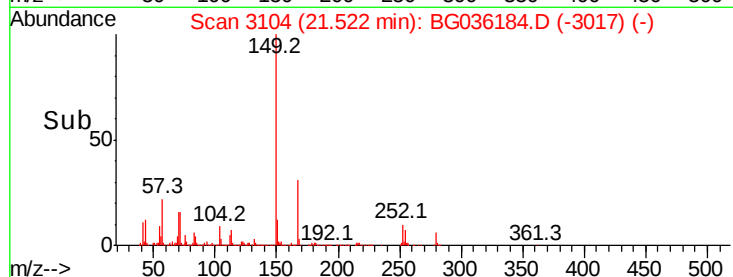
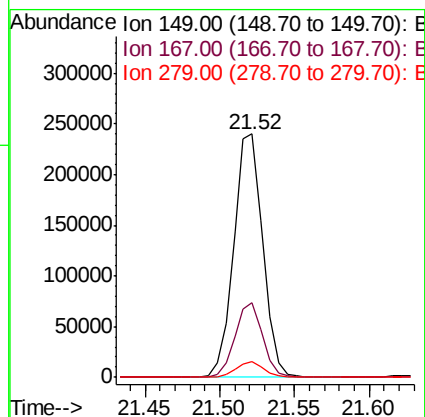
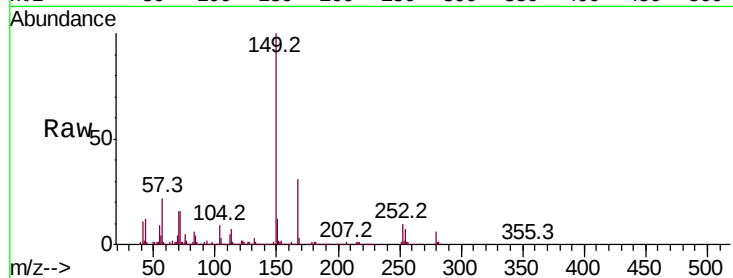
ClientSampleId :

PB111739BS

Tot Ion:	149	Resp:	326108
Ion Ratio	Lower	Upper	
149	100		
167	30.9	24.3	36.5
279	6.5	4.0	6.0#

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#84

Di-n-octyl phthalate

Concen: 44.012 ng

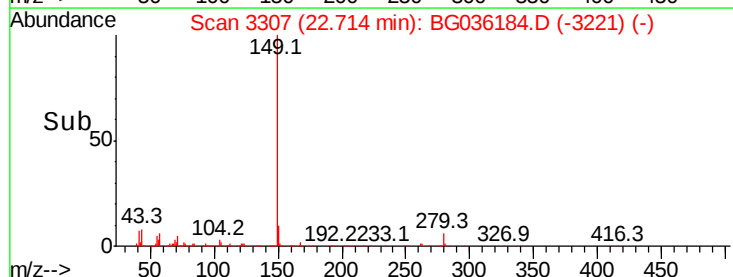
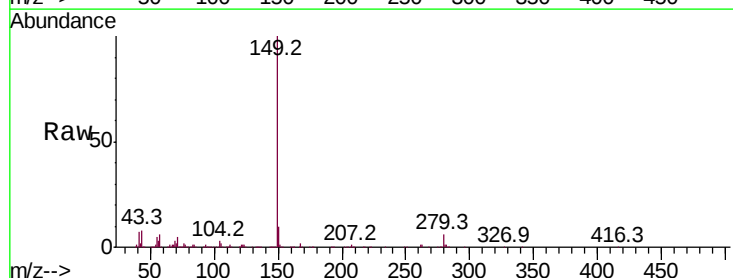
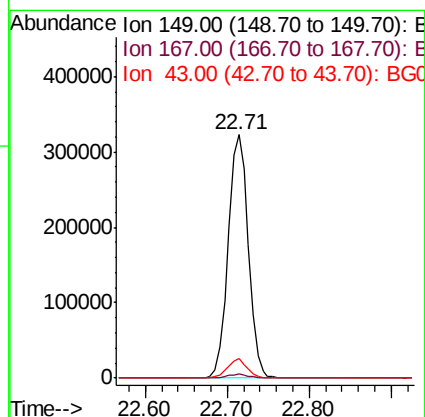
RT: 22.71 min Scan# 3307

Delta R.T. -0.03 min

Lab File: BG036184.D

Acq: 8 Aug 2018 6:11

Tgt Ion:	149	Resp:	553155
Ion Ratio	Lower	Upper	
149	100		
167	1.9	1.4	2.0
43	7.6	8.9	13.3#





#85

Indeno(1,2,3-cd)pyrene

Concen: 42.948 ng

RT: 28.45 min Scan# 4284

Delta R.T. -0.05 min

Lab File: BG036184.D

Acq: 8 Aug 2018 6:11

Instrument :

BNA_G

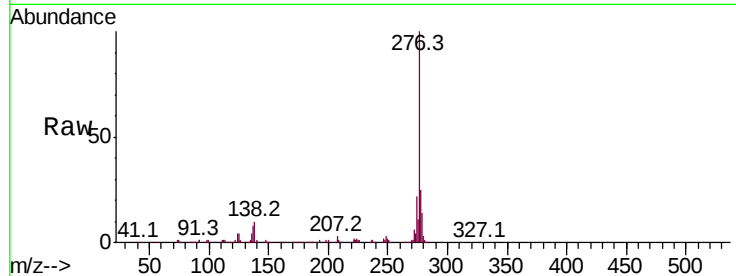
ClientSampleId :

PB111739BS

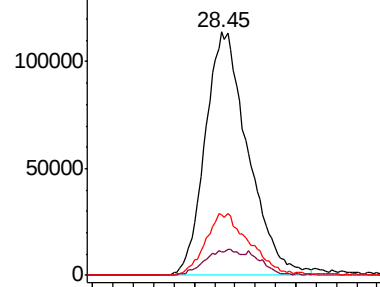
Tot Ion:	276	Resp:	670497
Ion Ratio	Lower	Upper	
276	100		
138	9.0	16.0	24.0#
277	26.2	20.0	30.0

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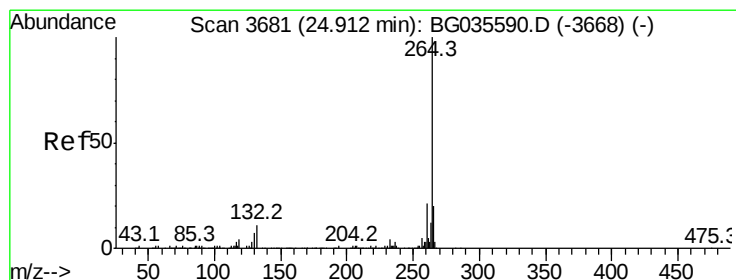
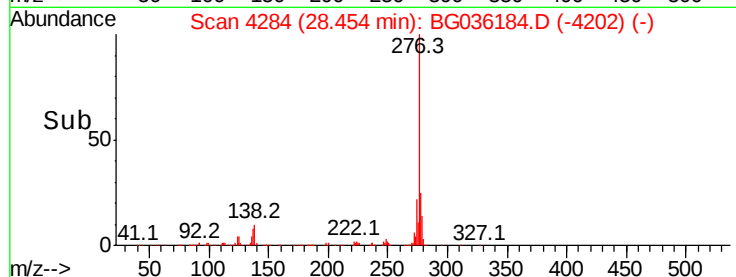
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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



Time--> 28.20 28.40 28.60



#86

Perylene-d12

Concen: 20.000 ng

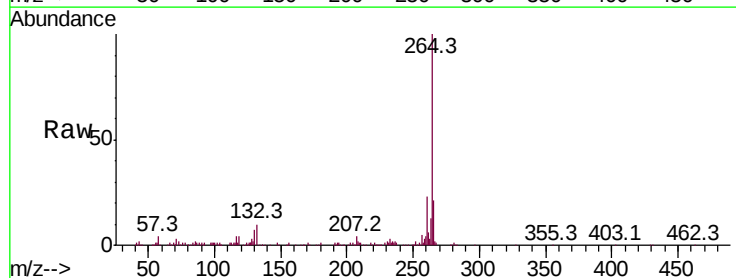
RT: 24.82 min Scan# 3666

Delta R.T. -0.04 min

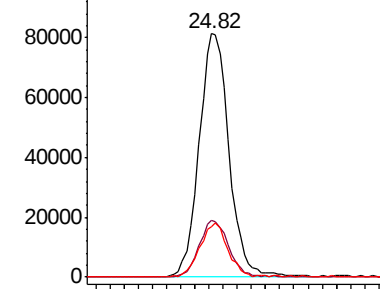
Lab File: BG036184.D

Acq: 8 Aug 2018 6:11

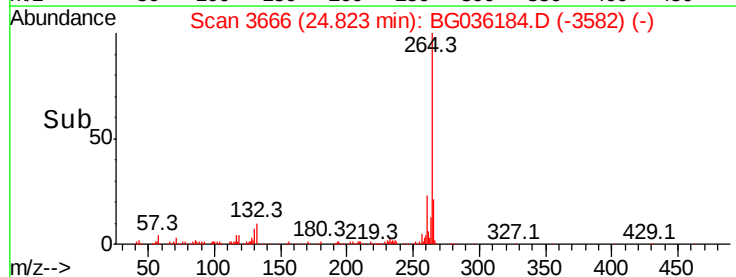
Tgt Ion:	264	Resp:	238911
Ion Ratio	Lower	Upper	
264	100		
260	23.3	17.4	26.0
265	20.8	17.7	26.5

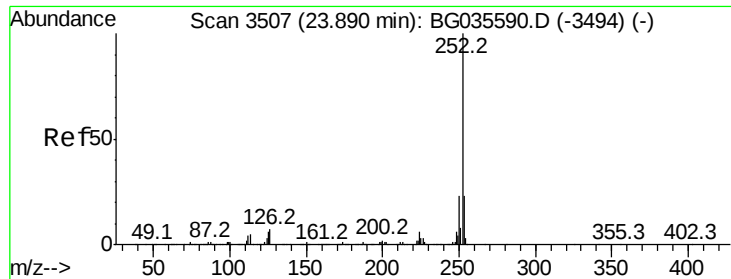


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



Time--> 24.70 24.80 24.90 25.00





#87

Benzo(b)fluoranthene

Concen: 41.707 ng

RT: 23.82 min Scan# 3495

Delta R.T. -0.03 min

Lab File: BG036184.D

Acq: 8 Aug 2018 6:11

Instrument :

BNA_G

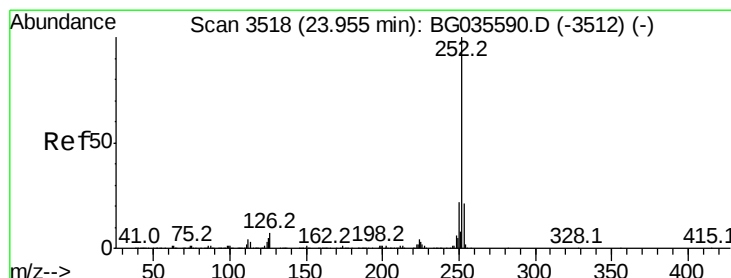
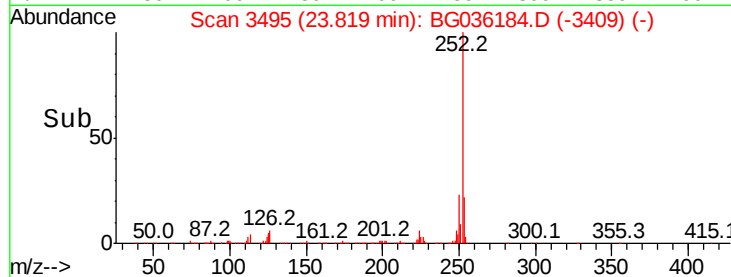
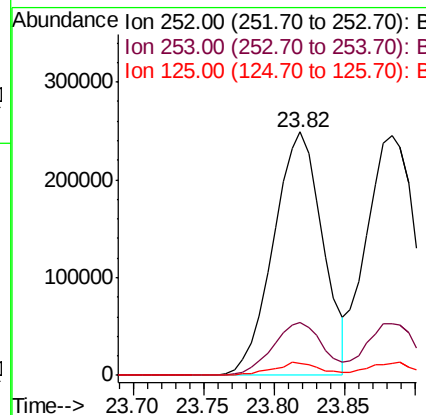
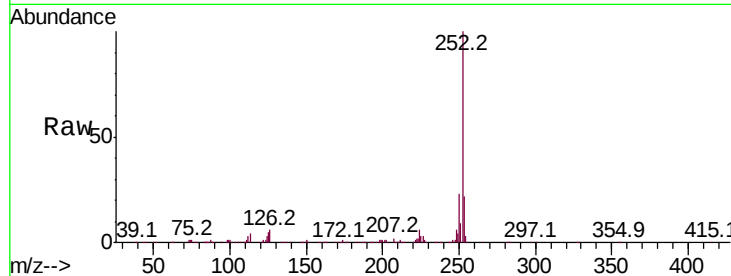
ClientSampleId :

PB111739BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.4
125	4.9	7.2	10.8

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#88

Benzo(k)fluoranthene

Concen: 42.013 ng

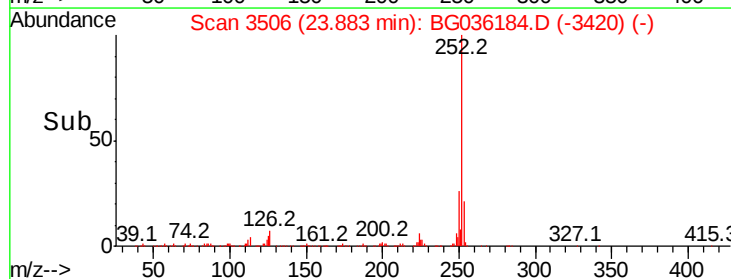
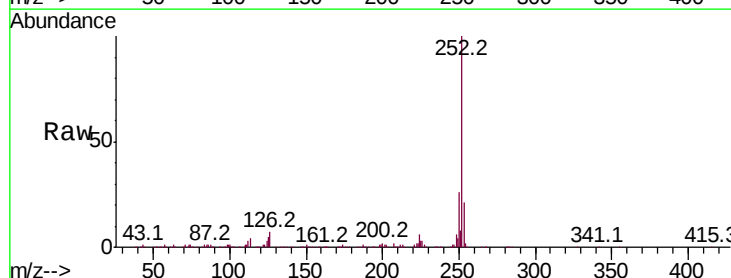
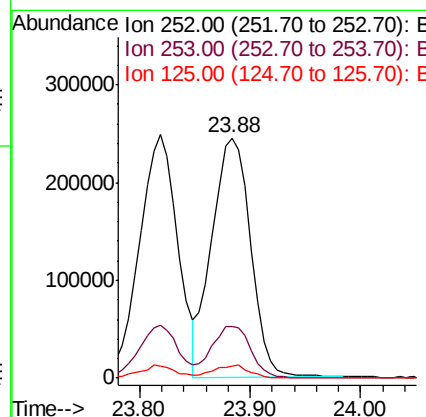
RT: 23.88 min Scan# 3506

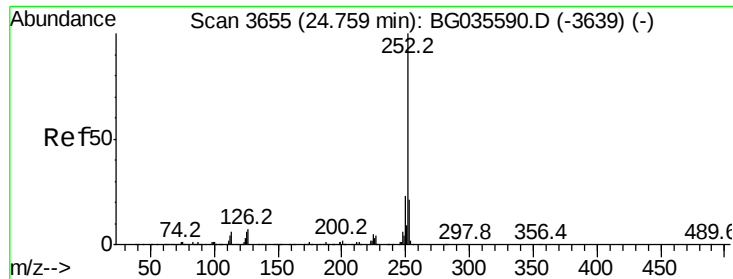
Delta R.T. -0.03 min

Lab File: BG036184.D

Acq: 8 Aug 2018 6:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.4	26.2
125	5.1	6.6	9.8





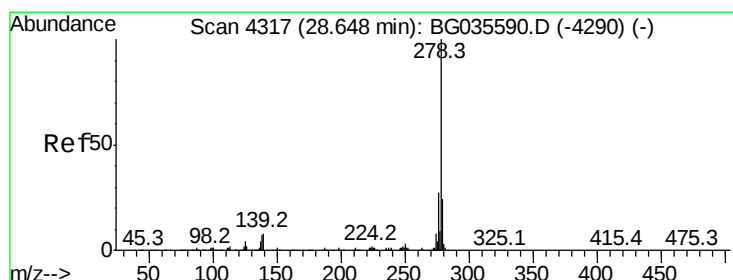
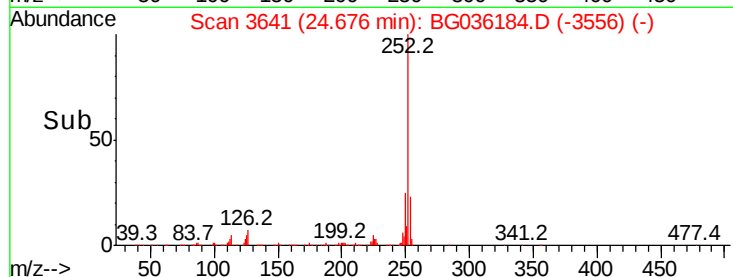
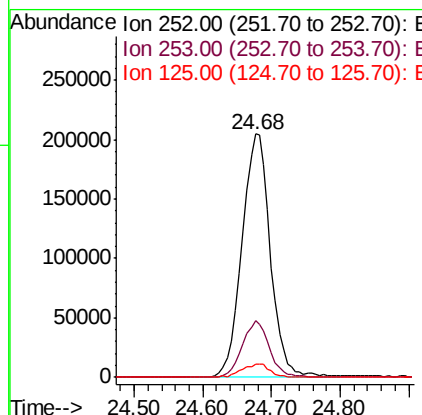
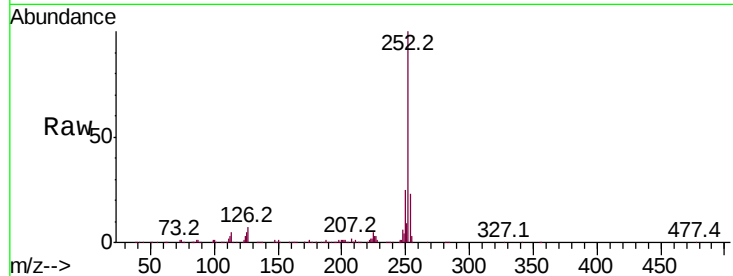
#89
Benzo(a)pyrene
Concen: 43.370 ng
RT: 24.68 min Scan# 3641
Delta R.T. -0.03 min
Lab File: BG036184.D
Acq: 8 Aug 2018 6:11

Instrument :
BNA_G
ClientSampleId :
PB111739BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.4	18.3	27.5
125	5.4	7.3	10.9

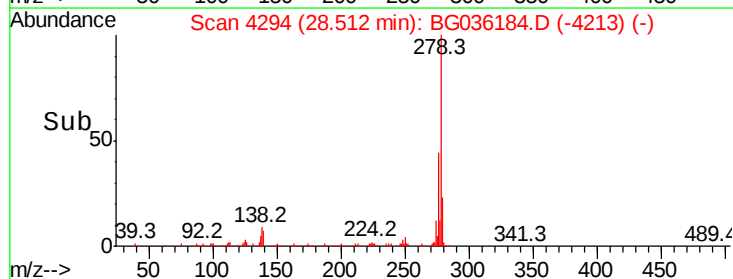
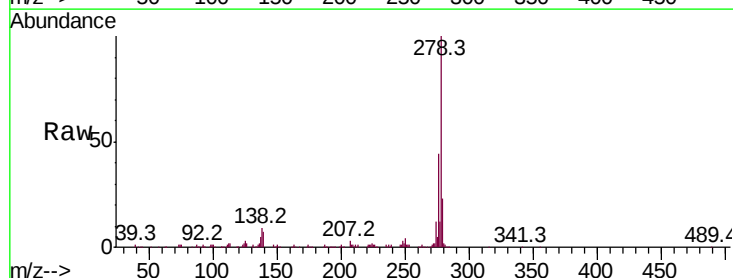
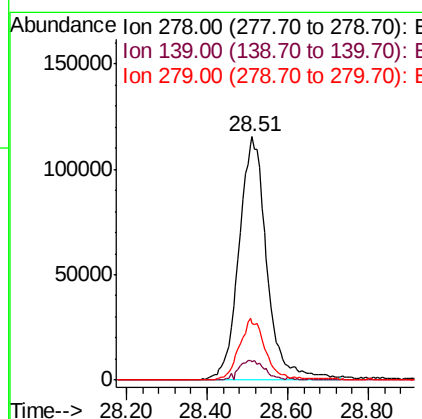
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#90
Dibenzo(a,h)anthracene
Concen: 42.090 ng
RT: 28.51 min Scan# 4294
Delta R.T. -0.05 min
Lab File: BG036184.D
Acq: 8 Aug 2018 6:11

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	7.4	9.8	14.6
279	23.2	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 43.300 ng
 RT: 29.59 min Scan# 4478
 Delta R.T. -0.04 min
 Lab File: BG036184.D
 Acq: 8 Aug 2018 6:11

Instrument :
 BNA_G
 ClientSampleId :
 PB111739BS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	22.3	18.3	27.5
138	10.2	13.9	20.9

Manual Integrations
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