

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071318\
 Data File : BG035639.D
 Acq On : 13 Jul 2018 21:22
 Operator : JU/SJ
 Sample : PB111092BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111092BS

Manual Integrations
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Sohil
 7/16/2018 3:24:22 PM

Quant Time: Jul 14 01:11:19 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 12 14:43:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	35078	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	142650	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	105615	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	290208	20.00	ng	0.00
75) Chrysene-d12	21.69	240	297808	20.00	ng	0.00
86) Perylene-d12	24.91	264	284178	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	344602	163.10	ng	0.00
7) Phenol-d6	7.22	99	511721	162.33	ng	0.00
23) Nitrobenzene-d5	9.21	82	329458	96.48	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	230272	165.42	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	760535	96.47	ng	0.00
78) Terphenyl-d14	20.02	244	1343594	99.45	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.55	88	31885	29.650	ng	# 77
3) Pyridine	3.94	79	100334	35.740	ng	# 81
4) n-Nitrosodimethylamine	3.86	42	46988	38.981	ng	# 87
6) Aniline	7.38	93	127645	31.241	ng	96
8) 2-Chlorophenol	7.62	128	106077	49.364	ng	96
9) Benzaldehyde	7.19	77	74174	38.349	ng	100
10) Phenol	7.25	94	166259	52.204	ng	93
11) bis(2-Chloroethyl)ether	7.48	93	107944	43.279	ng	87
12) 1,3-Dichlorobenzene	7.95	146	110544	42.599	ng	93
13) 1,4-Dichlorobenzene	8.09	146	112119	42.524	ng	95
14) 1,2-Dichlorobenzene	8.41	146	108578	42.867	ng	93
15) Benzyl Alcohol	8.29	79	134376	46.942	ng	87
16) 2,2'-oxybis(1-Chloropropan	8.58	45	125407	59.974	ng	82
17) 2-Methylphenol	8.49	107	112140	51.789	ng	# 90
18) Hexachloroethane	9.14	117	41710	41.375	ng	92
19) n-Nitroso-di-n-propylamine	8.86	70	107090	40.342	ng	# 86
20) 3+4-Methylphenols	8.82	107	154974	51.591	ng	93
22) Acetophenone	8.87	105	184049	41.490	ng	# 89
24) Nitrobenzene	9.26	77	157036	45.727	ng	93
25) Isophorone	9.78	82	304117	47.976	ng	96
26) 2-Nitrophenol	9.97	139	64533	52.911	ng	# 89
27) 2,4-Dimethylphenol	10.03	122	118946	57.614	ng	90
28) bis(2-Chloroethoxy)methane	10.26	93	160154	45.851	ng	98
29) 2,4-Dichlorophenol	10.51	162	128695	54.608	ng	88
30) 1,2,4-Trichlorobenzene	10.72	180	132120	45.719	ng	97
31) Naphthalene	10.91	128	336790	45.324	ng	98
32) Benzoic acid	10.17	122	49727	35.779	ng	89
33) 4-Chloroaniline	11.02	127	46515	14.362	ng	# 90
34) Hexachlorobutadiene	11.19	225	97483	43.260	ng	95
35) Caprolactam	11.79	113	46399	45.879	ng	# 74
36) 4-Chloro-3-methylphenol	12.13	107	165903	52.519	ng	93
37) 2-Methylnaphthalene	12.51	142	271372m	49.019	ng	
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	182835	45.866	ng	100
40) Hexachlorocyclopentadiene	12.85	237	230179	110.103	ng	94

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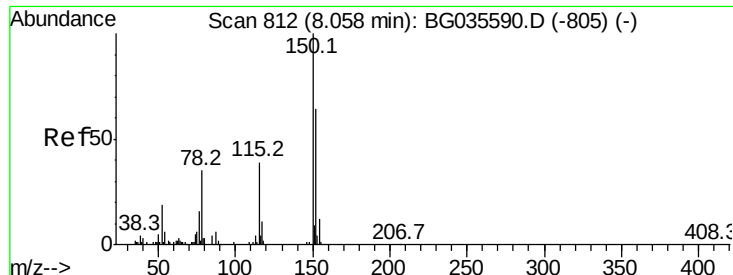
Manual Integrations
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 7/16/2018 3:24:22 PM

Quant Time: Jul 14 01:11:19 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 12 14:43:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	119138	51.106	ng	97
43) 2,4,5-Trichlorophenol	13.19	196	135057	51.788	ng	97
45) 1,1'-Biphenyl	13.51	154	377365	46.086	ng	98
46) 2-Chloronaphthalene	13.56	162	295376	46.376	ng	97
47) 2-Nitroaniline	13.76	65	110300	48.985	ng	94
48) Acenaphthylene	14.40	152	500856	46.944	ng	98
49) Dimethylphthalate	14.13	163	427339	46.182	ng	99
50) 2,6-Dinitrotoluene	14.25	165	96857	51.401	ng	95
51) Acenaphthene	14.74	154	295451	44.454	ng	99
52) 3-Nitroaniline	14.58	138	48781	25.328	ng #	73
53) 2,4-Dinitrophenol	14.78	184	82317	84.543	ng #	62
54) Dibenzofuran	15.08	168	493087	46.650	ng	95
55) 4-Nitrophenol	14.89	139	146723	106.974	ng #	89
56) 2,4-Dinitrotoluene	15.04	165	136964	50.665	ng	91
57) Fluorene	15.72	166	407111	45.954	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.30	232	132777	53.102	ng	95
59) Diethylphthalate	15.49	149	425183	44.686	ng	99
60) 4-Chlorophenyl-phenylether	15.71	204	236846	45.487	ng	97
61) 4-Nitroaniline	15.75	138	95622	47.464	ng #	82
62) Azobenzene	16.01	77	441498	47.041	ng	95
64) 4,6-Dinitro-2-methylphenol	15.80	198	73984	45.797	ng	86
65) n-Nitrosodiphenylamine	15.93	169	370417	44.843	ng	97
66) 4-Bromophenyl-phenylether	16.60	248	157856	46.885	ng	95
67) Hexachlorobenzene	16.73	284	161822	46.671	ng	96
68) Atrazine	16.88	200	166075	48.830	ng	97
69) Pentachlorophenol	17.07	266	175000	82.864	ng	98
70) Phenanthrene	17.46	178	661833	45.704	ng	98
71) Anthracene	17.55	178	692505	48.027	ng	99
72) Carbazole	17.82	167	625872	45.706	ng	99
73) Di-n-butylphthalate	18.37	149	710920	43.933	ng #	97
74) Fluoranthene	19.47	202	867751	44.487	ng	97
76) Benzidine	19.64	184	348920	44.565	ng	97
77) Pyrene	19.83	202	866042	45.991	ng	97
79) Butylbenzylphthalate	20.71	149	315133	46.798	ng	96
80) Benzo(a)anthracene	21.67	228	867293	46.733	ng	99
81) 3,3'-Dichlorobenzidine	21.58	252	186854	28.876	ng	99
82) Chrysene	21.73	228	809618	47.077	ng	97
83) Bis(2-ethylhexyl)phthalate	21.56	149	431257	47.107	ng	100
84) Di-n-octyl phthalate	22.78	149	727894	47.486	ng #	94
85) Indeno(1,2,3-cd)pyrene	28.58	276	919062	48.269	ng #	88
87) Benzo(b)fluoranthene	23.88	252	823491	47.677	ng #	97
88) Benzo(k)fluoranthene	23.95	252	779169	46.143	ng #	96
89) Benzo(a)pyrene	24.75	252	788847	49.092	ng #	97
90) Dibenzo(a,h)anthracene	28.64	278	762779	48.352	ng #	95
91) Benzo(g,h,i)perylene	29.72	276	764536	49.526	ng #	93

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



#1

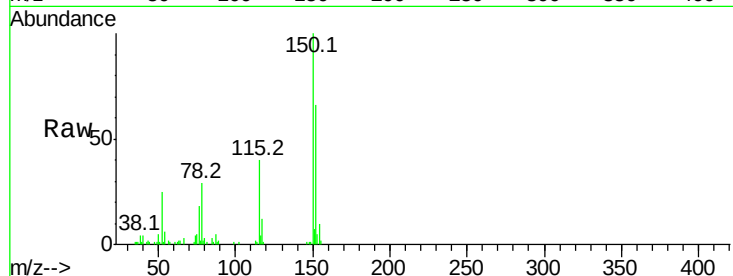
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG035639.D
Acq: 13 Jul 2018 21:22

Instrument :
BNA_G
ClientSampleId :
PB111092BS

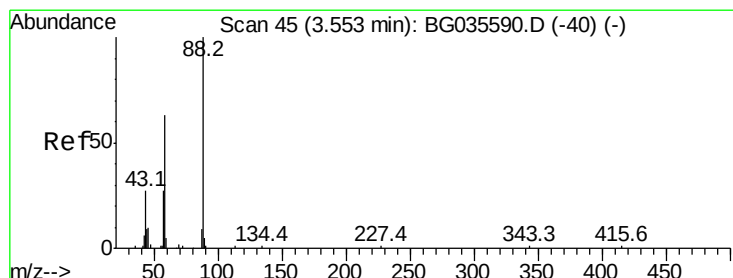
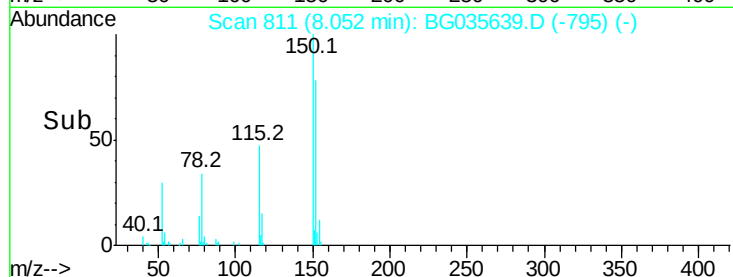
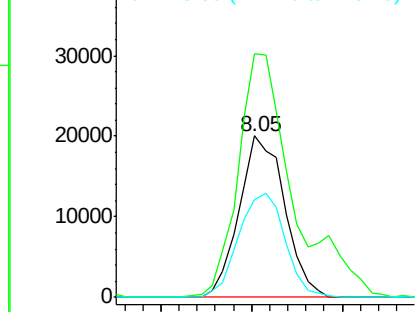
Tot Ion	Ratio	Lower	Upper
152	100		
150	150.9	126.6	189.8
115	60.8	53.0	79.4

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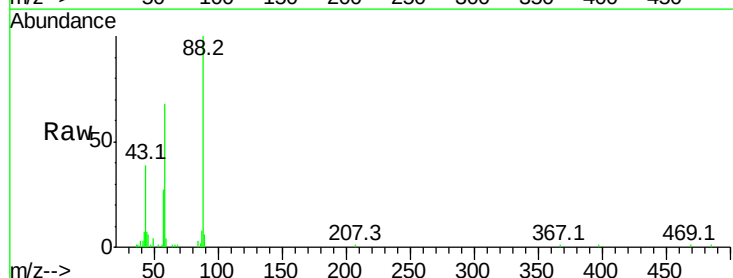
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



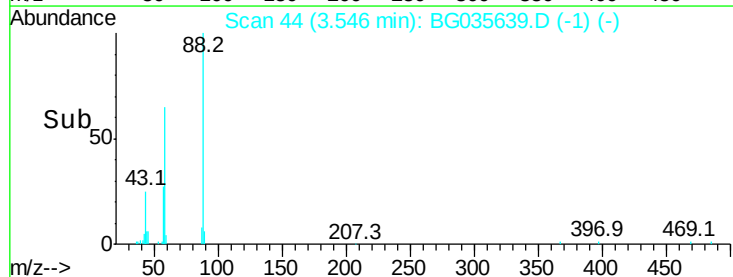
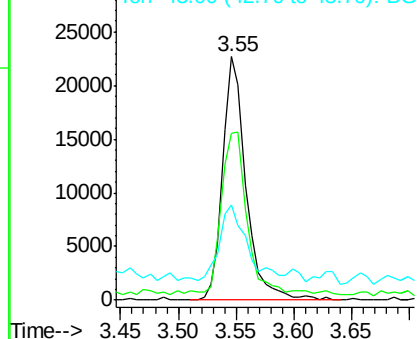
#2

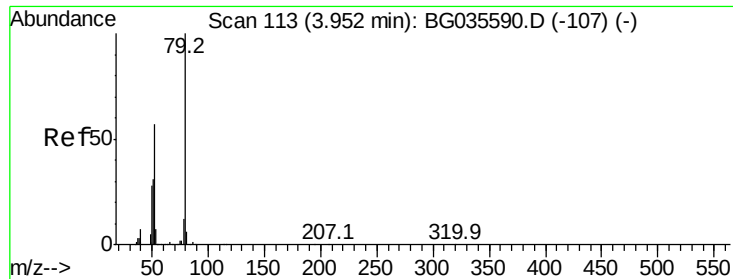
1,4-Dioxane
Concen: 29.650 ng
RT: 3.55 min Scan# 44
Delta R.T. -0.01 min
Lab File: BG035639.D
Acq: 13 Jul 2018 21:22

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.2	79.6	119.4#
43	35.6	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: 35.740 ng

RT: 3.94 min Scan# 111

Delta R.T. -0.01 min

Lab File: BG035639.D

Acq: 13 Jul 2018 21:22

Instrument :

BNA_G

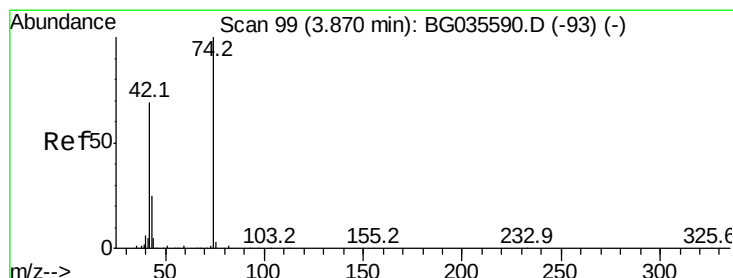
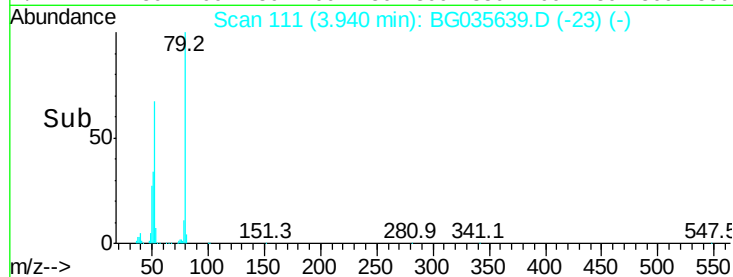
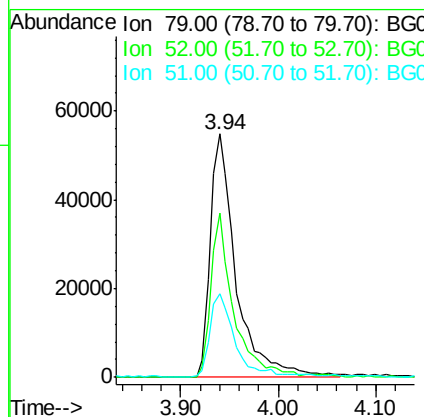
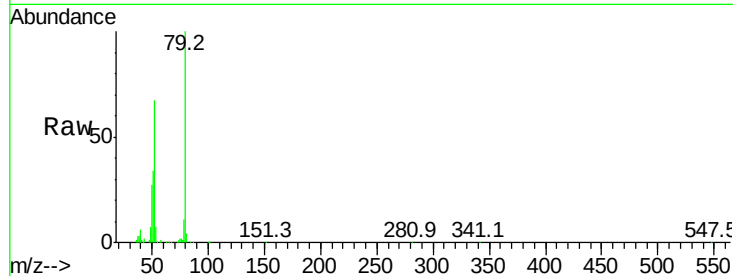
ClientSampleId :

PB111092BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	67.3	69.9	104.9#
51	34.5	34.0	51.0

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#4

n-Nitrosodimethylamine

Concen: 38.981 ng

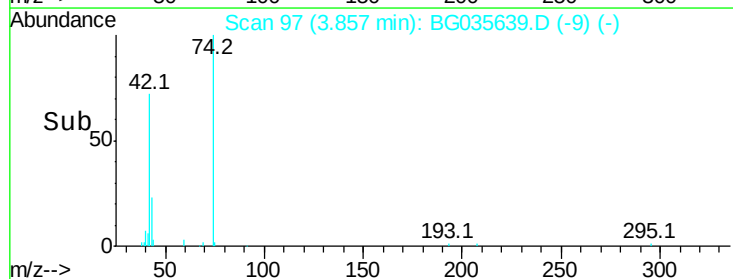
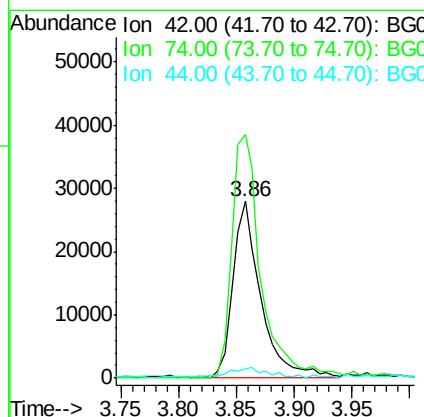
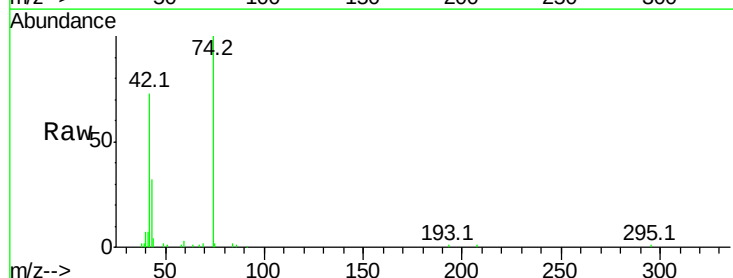
RT: 3.86 min Scan# 97

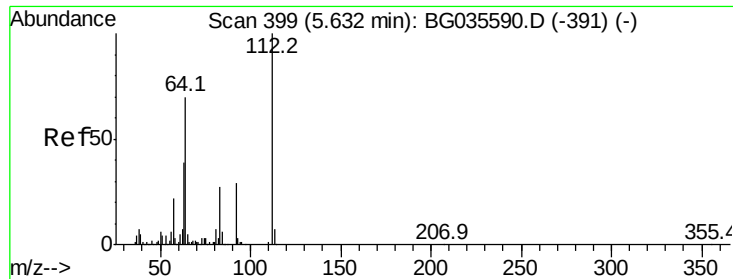
Delta R.T. -0.01 min

Lab File: BG035639.D

Acq: 13 Jul 2018 21:22

Tgt Ion	Ratio	Lower	Upper
42	100		
74	137.8	102.5	153.7
44	5.3	18.9	28.3#





#5

2-Fluorophenol

Concen: 163.099 ng

RT: 5.64 min Scan# 400

Delta R.T. 0.01 min

Lab File: BG035639.D

Acq: 13 Jul 2018 21:22

Instrument :

BNA_G

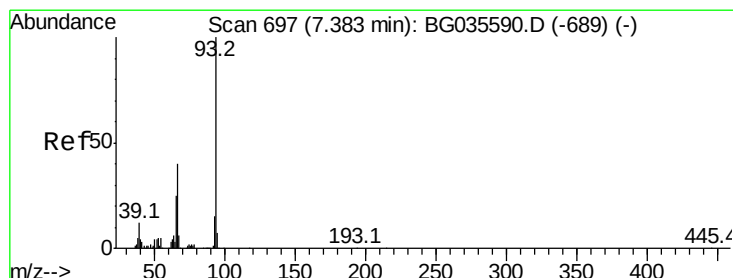
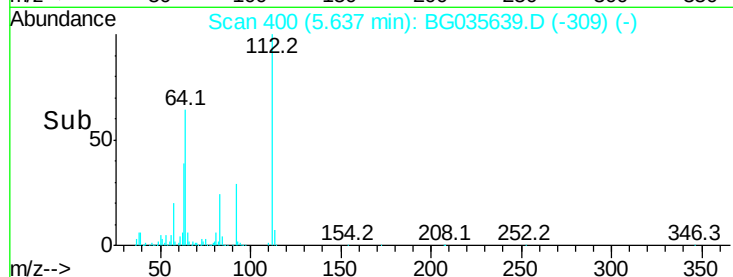
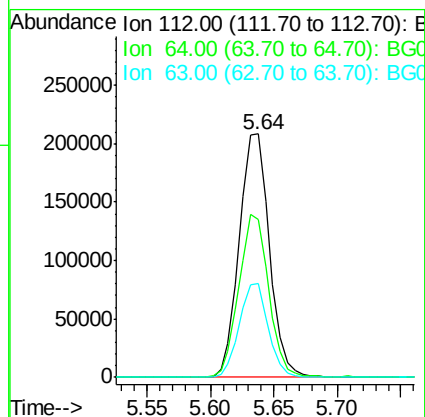
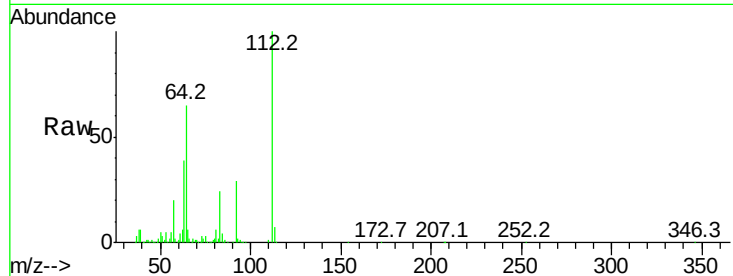
ClientSampled :

PB111092BS

Tot Ion:	112	Resp:	344602
Ion Ratio	Lower	Upper	
112	100		
64	64.6	56.3	84.5
63	38.5	30.1	45.1

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#6

Aniline

Concen: 31.241 ng

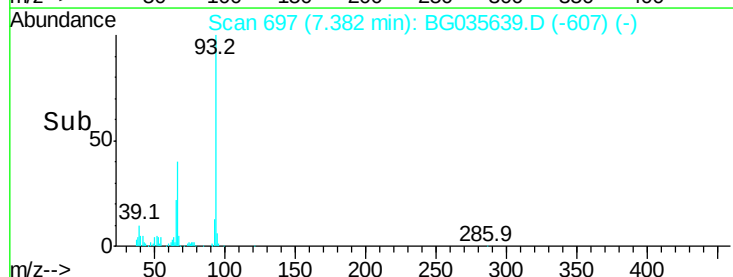
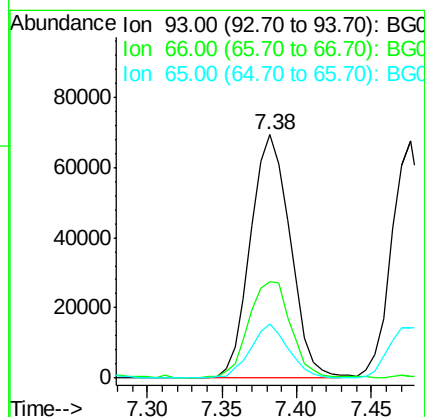
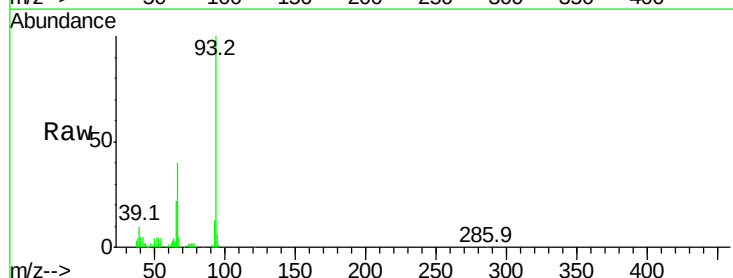
RT: 7.38 min Scan# 697

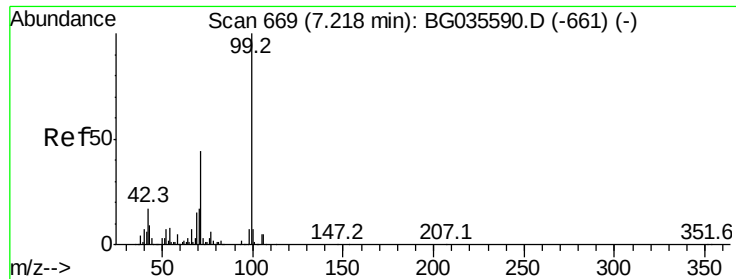
Delta R.T. -0.00 min

Lab File: BG035639.D

Acq: 13 Jul 2018 21:22

Tgt Ion:	93	Resp:	127645
Ion Ratio	Lower	Upper	
93	100		
66	39.8	33.7	50.5
65	22.0	16.1	24.1





#7

Phenol-d6

Concen: 162.331 ng

RT: 7.22 min Scan# 670

Delta R.T. 0.01 min

Lab File: BG035639.D

Acq: 13 Jul 2018 21:22

Instrument :

BNA_G

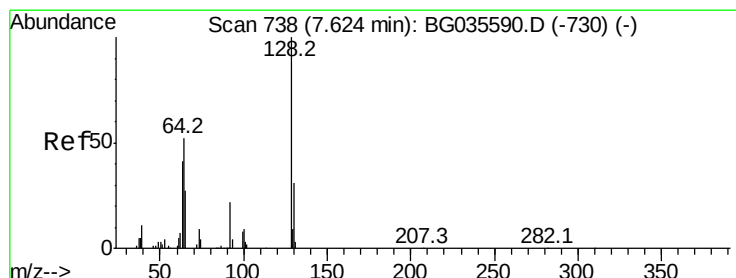
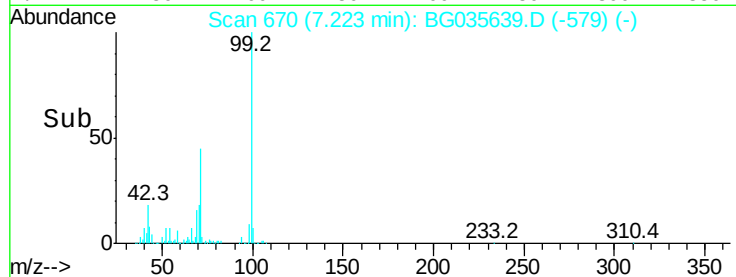
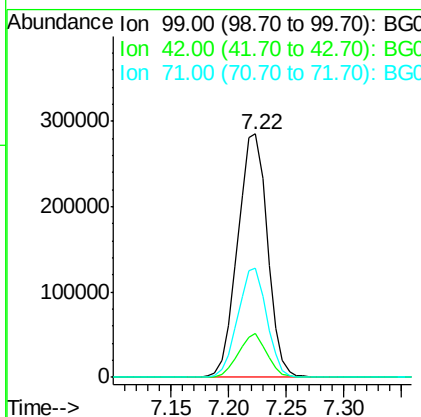
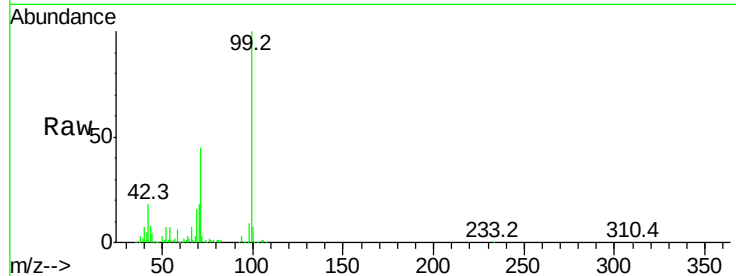
ClientSampleId :

PB111092BS

Tot Ion	Ratio	Resp Lower	Upper
99	100		
42	17.9	14.1	21.1
71	45.0	26.1	39.1

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#8

2-Chlorophenol

Concen: 49.364 ng

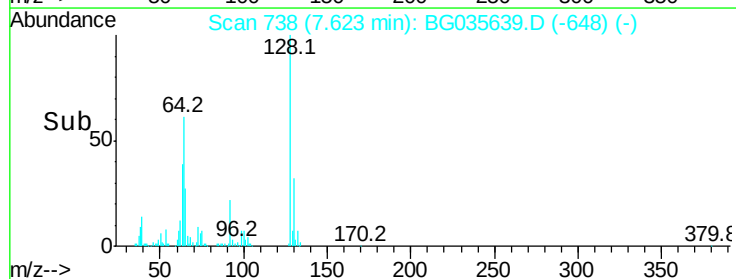
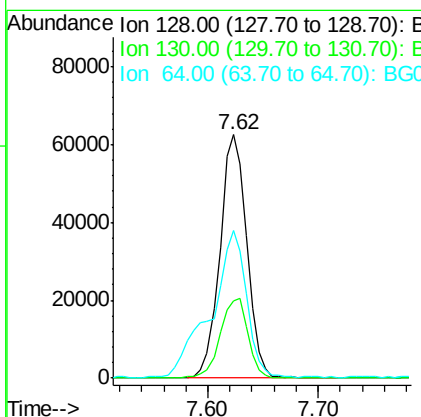
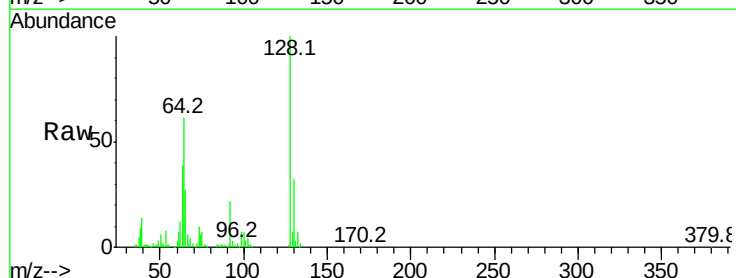
RT: 7.62 min Scan# 738

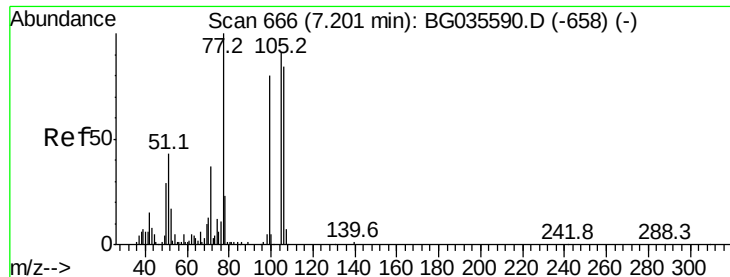
Delta R.T. -0.00 min

Lab File: BG035639.D

Acq: 13 Jul 2018 21:22

Tgt Ion	Ratio	Resp Lower	Upper
128	100		
130	31.7	14.0	54.0
64	60.9	37.7	77.7





#9

Benzaldehyde

Concen: 38.349 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.01 min

Lab File: BG035639.D

Acq: 13 Jul 2018 21:22

Instrument :

BNA_G

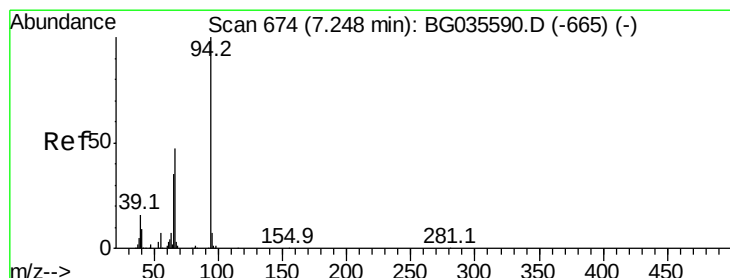
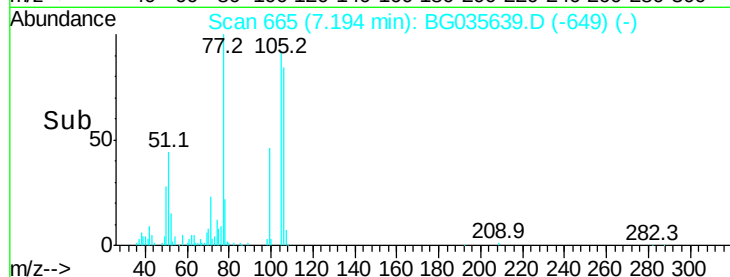
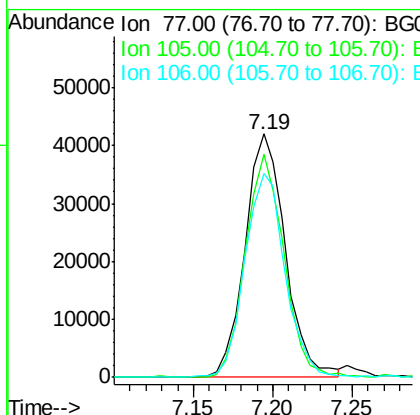
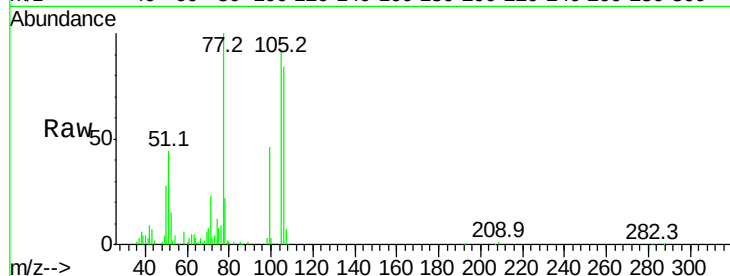
ClientSampled :

PB111092BS

Tot Ion:	77	Resp:	74174
Ion	Ratio	Lower	Upper
77	100		
105	91.5	71.3	111.3
106	83.8	64.2	104.2

Manual Integrations
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#10

Phenol

Concen: 52.204 ng

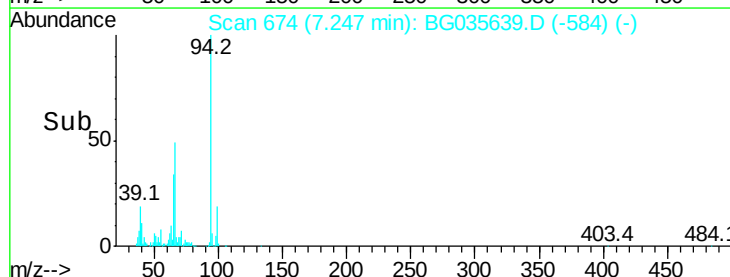
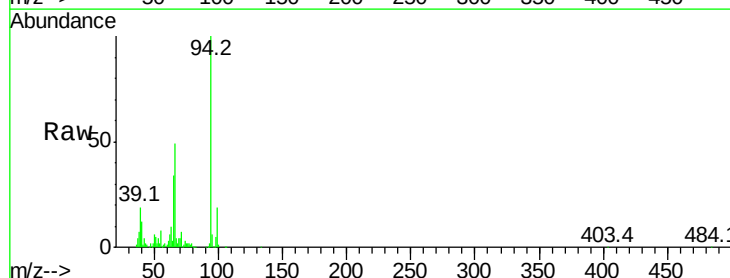
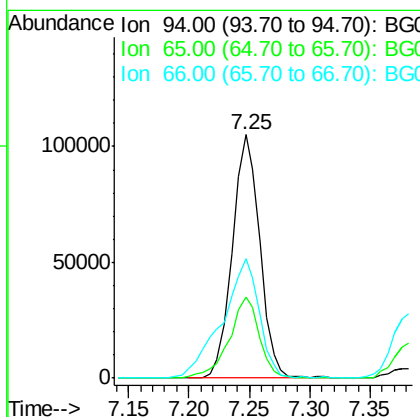
RT: 7.25 min Scan# 674

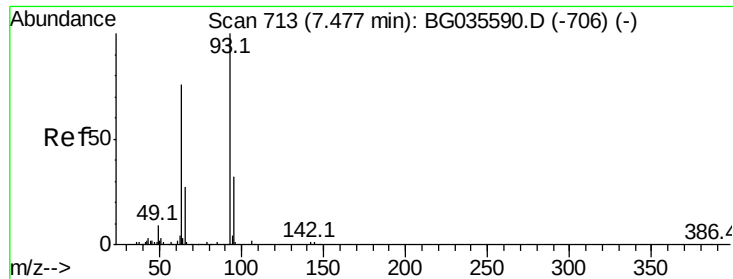
Delta R.T. -0.00 min

Lab File: BG035639.D

Acq: 13 Jul 2018 21:22

Tgt Ion:	94	Resp:	166259
Ion	Ratio	Lower	Upper
94	100		
65	33.5	11.9	51.9
66	48.9	22.2	62.2





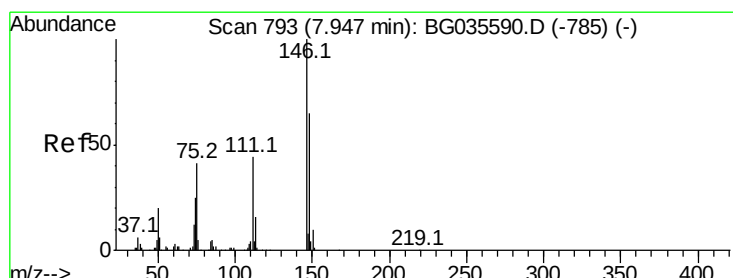
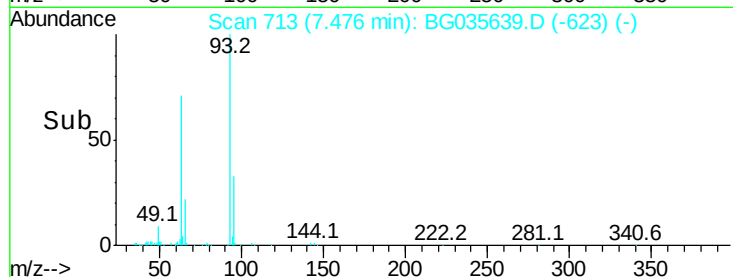
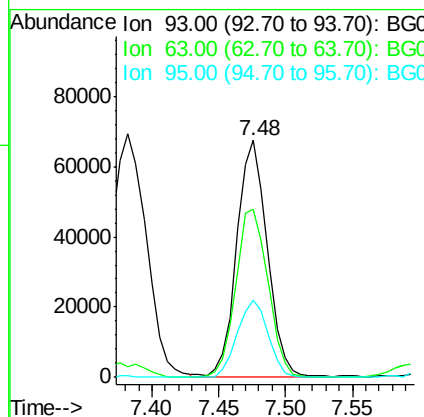
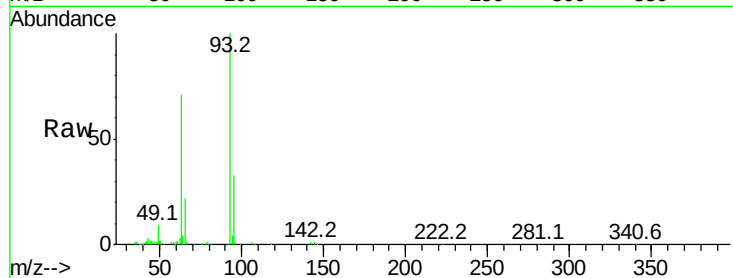
#11
bis(2-Chloroethyl)ether
Concen: 43.279 ng
RT: 7.48 min Scan# 713
Delta R.T. -0.00 min
Lab File: BG035639.D
Acq: 13 Jul 2018 21:22

Instrument :
BNA_G
ClientSampleId :
PB111092BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	107944		
63	71.2		67.1	107.1
95	32.6		11.5	51.5

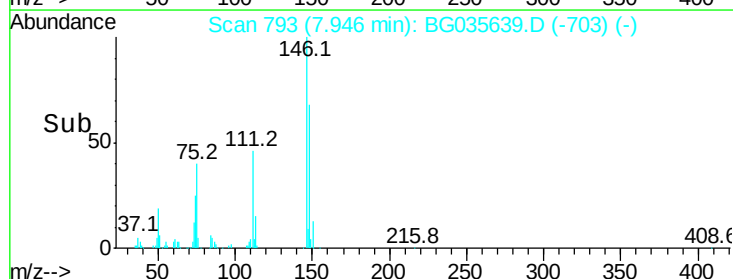
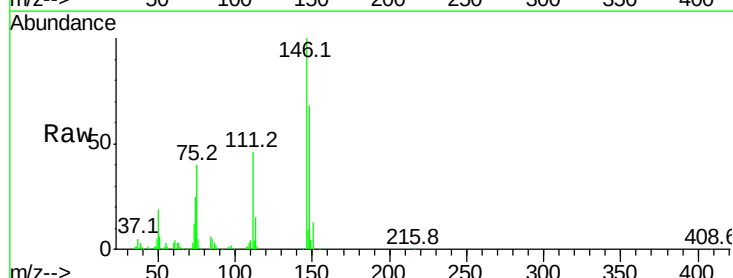
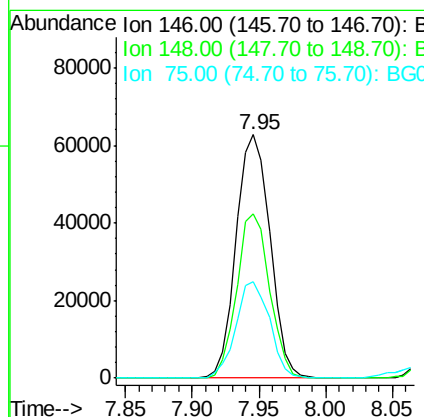
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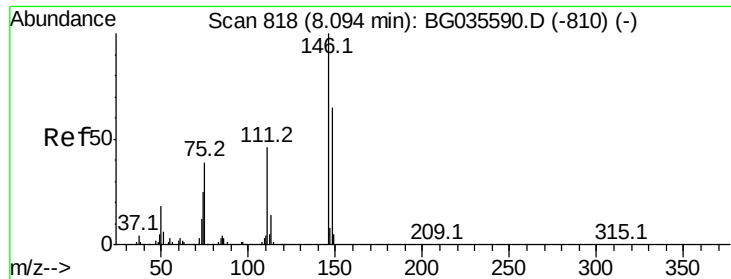
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#12
1,3-Dichlorobenzene
Concen: 42.599 ng
RT: 7.95 min Scan# 793
Delta R.T. -0.00 min
Lab File: BG035639.D
Acq: 13 Jul 2018 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	110544		
148	67.6		51.4	77.2
75	39.8		26.6	39.8





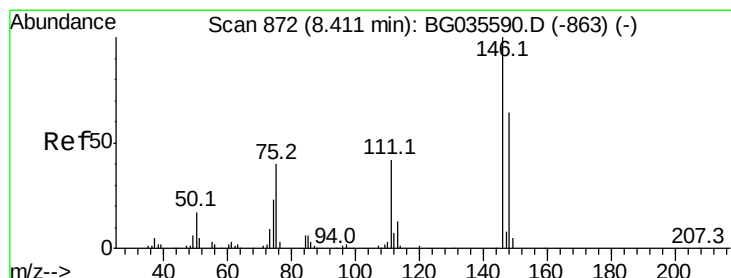
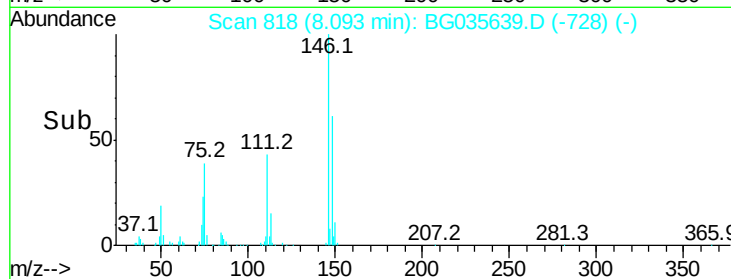
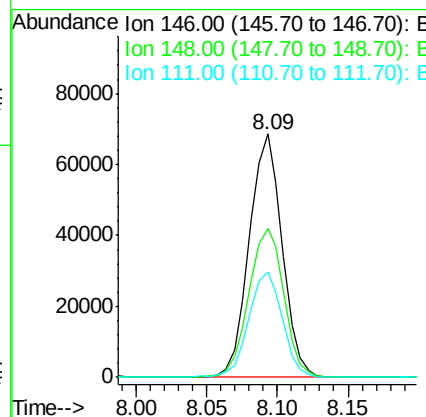
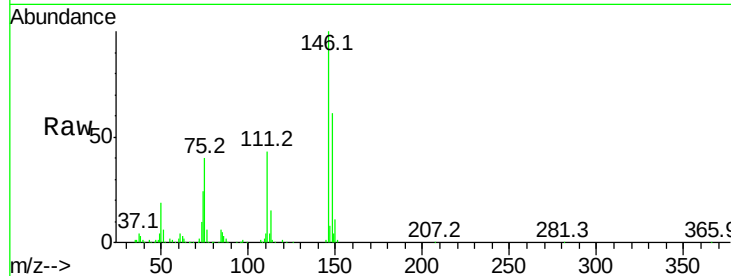
#13
 1,4-Dichlorobenzene
 Concen: 42.524 ng
 RT: 8.09 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BG035639.D
 Acq: 13 Jul 2018 21:22

Instrument :
 BNA_G
 ClientSampleId :
 PB111092BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.0	53.7	80.5
111	43.0	35.2	52.8

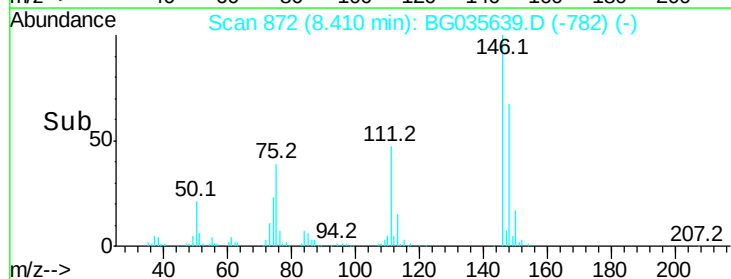
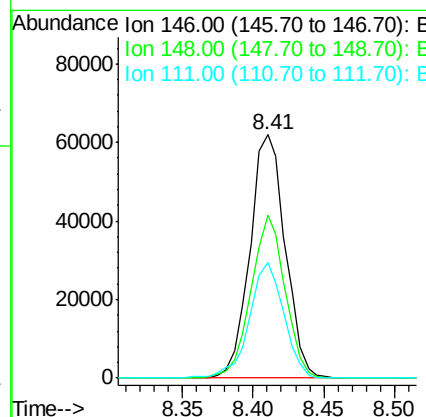
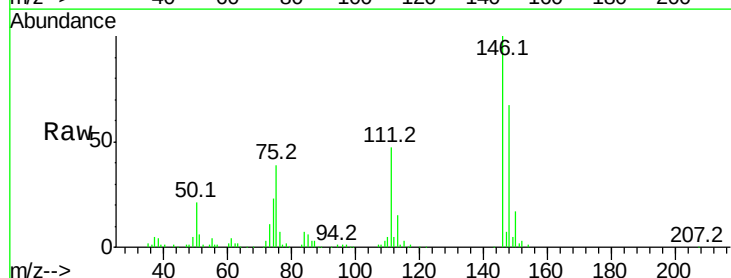
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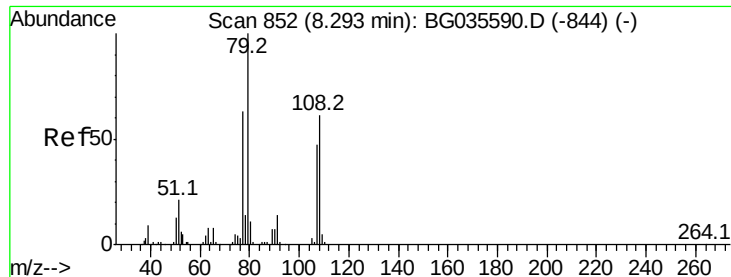
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#14
 1,2-Dichlorobenzene
 Concen: 42.867 ng
 RT: 8.41 min Scan# 872
 Delta R.T. -0.00 min
 Lab File: BG035639.D
 Acq: 13 Jul 2018 21:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.8	49.3	73.9
111	47.3	34.3	51.5





#15

Benzyl Alcohol

Concen: 46.942 ng

RT: 8.29 min Scan# 852

Delta R.T. -0.00 min

Lab File: BG035639.D

Acq: 13 Jul 2018 21:22

Instrument :

BNA_G

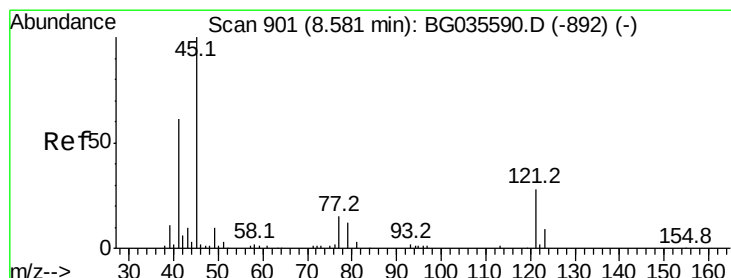
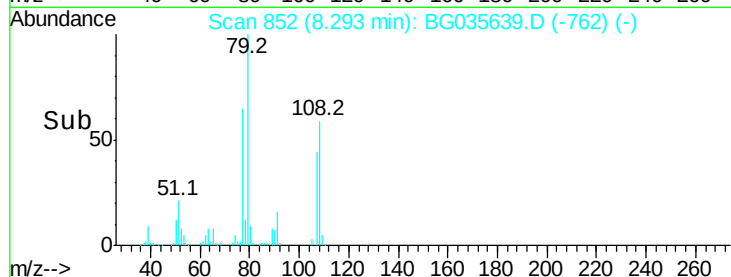
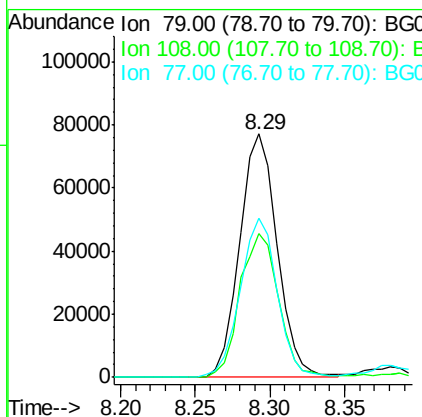
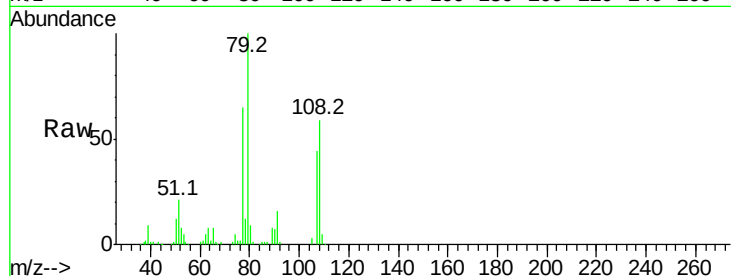
ClientSampled :

PB111092BS

Tot Ion:	79	Resp:	134376
Ion Ratio	Lower	Upper	
79	100		
108	59.0	57.2	85.8
77	65.3	46.1	69.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 59.974 ng

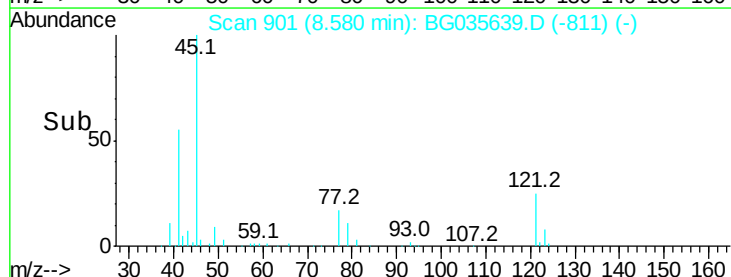
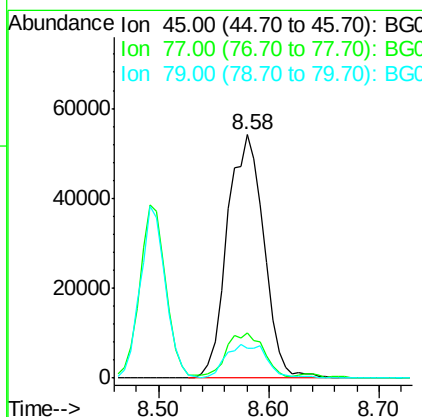
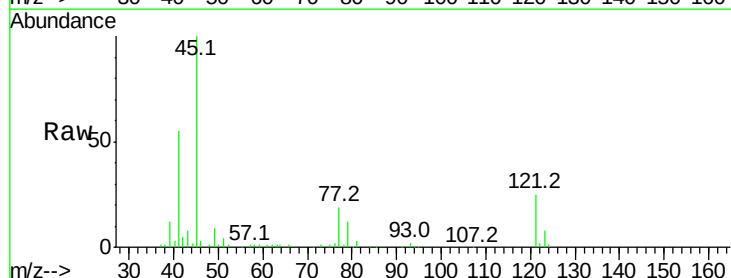
RT: 8.58 min Scan# 901

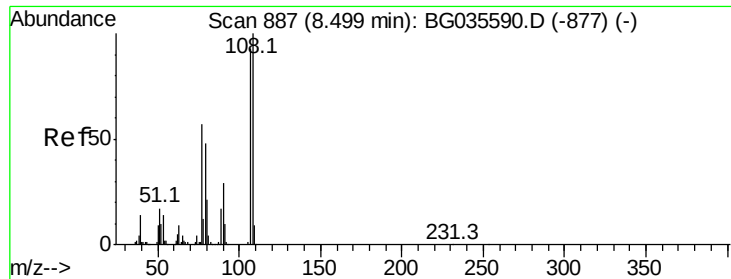
Delta R.T. -0.00 min

Lab File: BG035639.D

Acq: 13 Jul 2018 21:22

Tgt Ion:	45	Resp:	125407
Ion Ratio	Lower	Upper	
45	100		
77	18.6	0.0	30.2
79	12.3	0.0	27.9





#17

2-Methylphenol

Concen: 51.789 ng

RT: 8.49 min Scan# 886

Delta R.T. -0.01 min

Lab File: BG035639.D

Acq: 13 Jul 2018 21:22

Instrument :

BNA_G

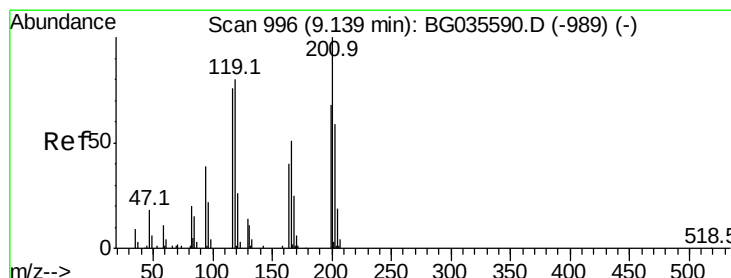
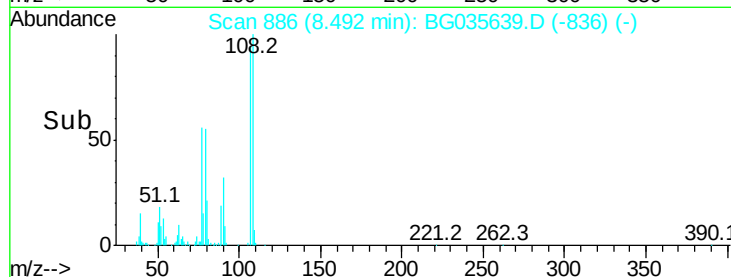
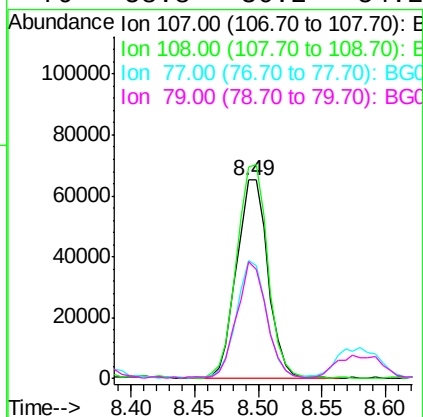
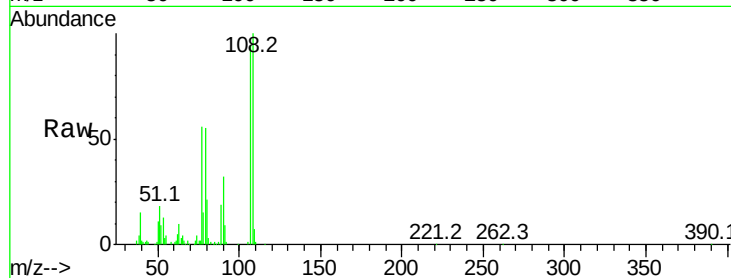
ClientSampled :

PB111092BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	106.7	83.9	125.9	
77	59.3	37.2	55.8	
79	58.8	36.2	54.2	

Manual Integrations
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#18

Hexachloroethane

Concen: 41.375 ng

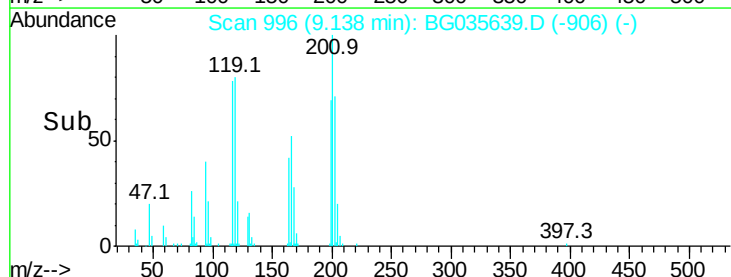
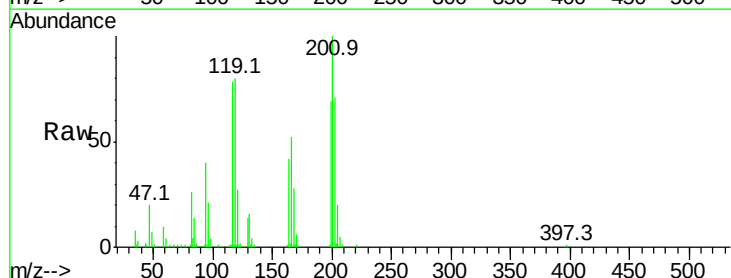
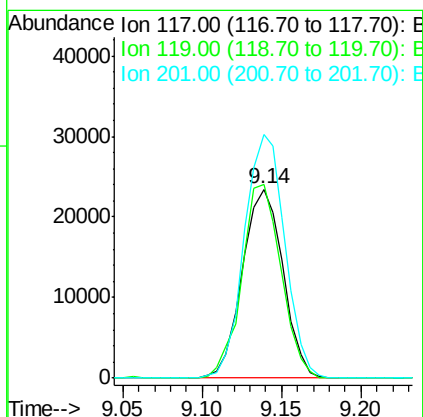
RT: 9.14 min Scan# 996

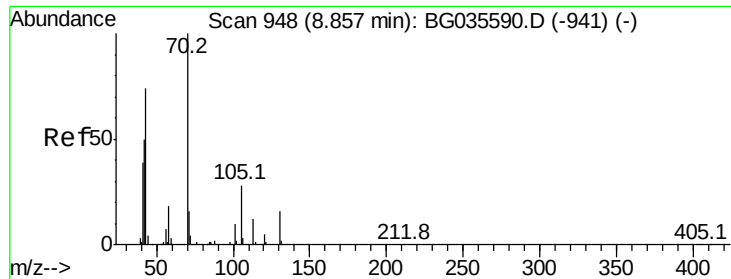
Delta R.T. -0.00 min

Lab File: BG035639.D

Acq: 13 Jul 2018 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	102.8	76.7	115.1	
201	129.0	95.7	143.5	





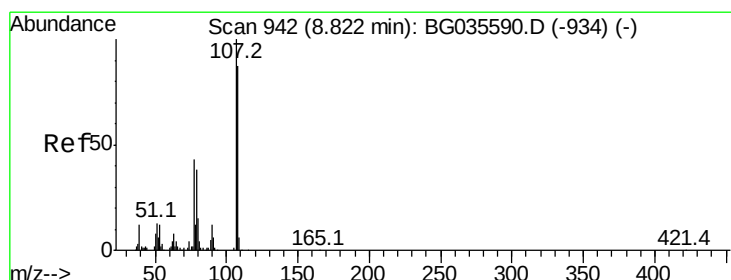
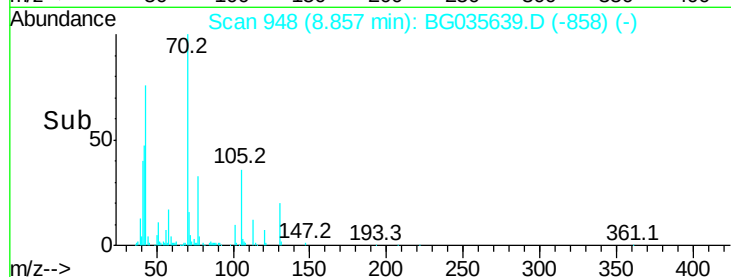
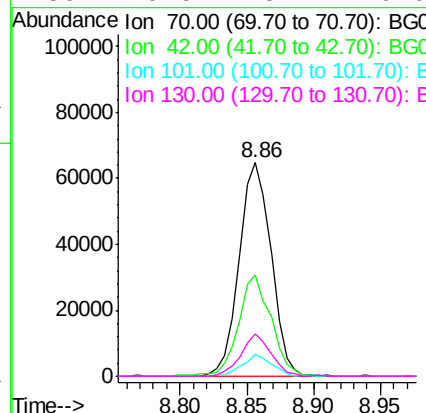
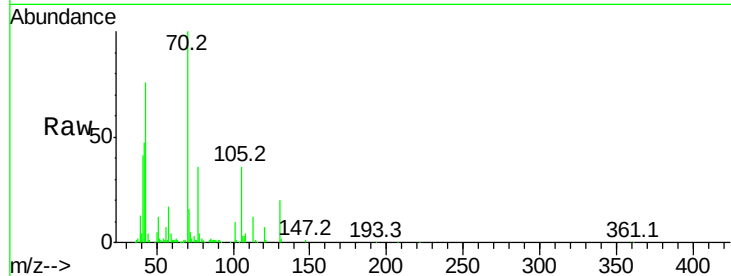
#19
n-Nitroso-di-n-propylamine
Concen: 40.342 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.00 min
Lab File: BG035639.D
Acq: 13 Jul 2018 21:22

Instrument :
BNA_G
ClientSampleId :
PB111092BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	47.2	49.1	73.7#	
101	10.3	8.5	12.7	
130	19.5	13.4	20.0	

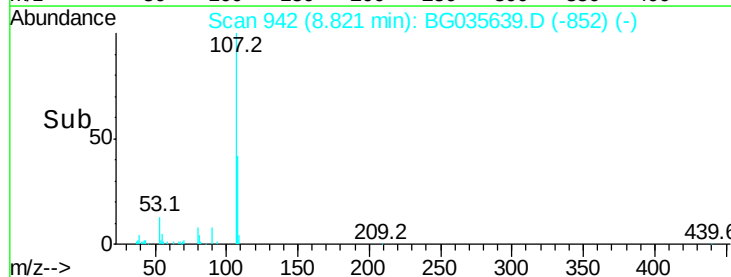
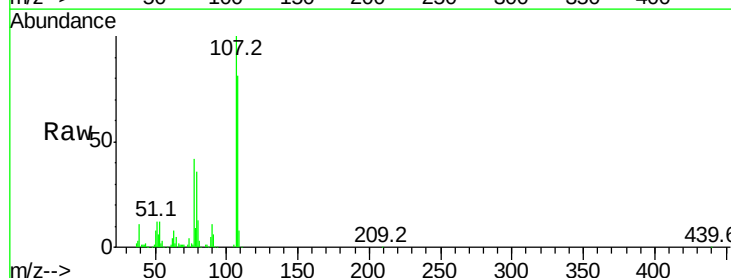
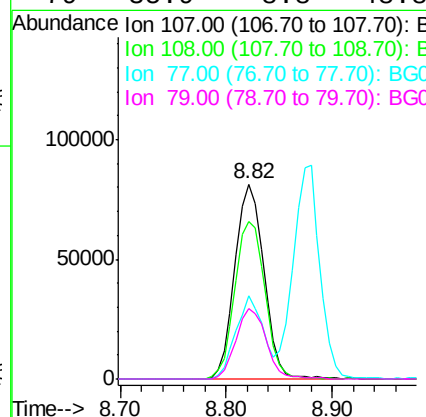
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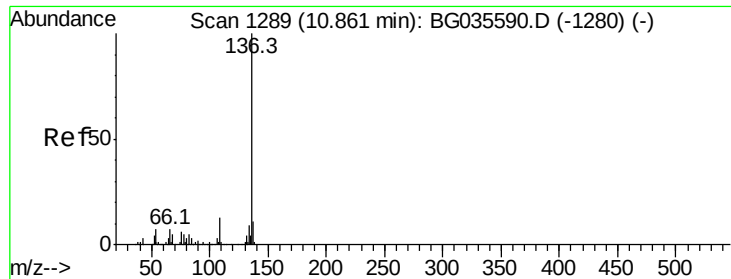
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#20
3+4-Methylphenols
Concen: 51.591 ng
RT: 8.82 min Scan# 942
Delta R.T. -0.00 min
Lab File: BG035639.D
Acq: 13 Jul 2018 21:22

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	80.7	61.6	101.6	
77	42.4	13.9	53.9	
79	35.9	8.8	48.8	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1289

Delta R.T. -0.00 min

Lab File: BG035639.D

Acq: 13 Jul 2018 21:22

Instrument :

BNA_G

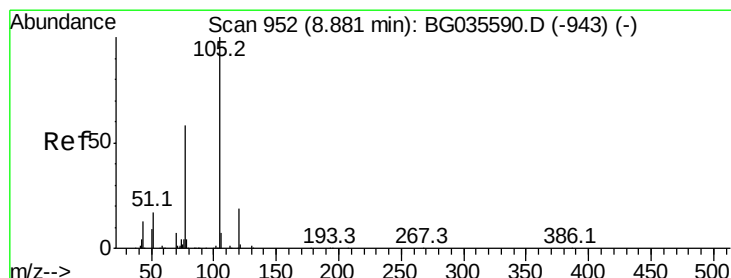
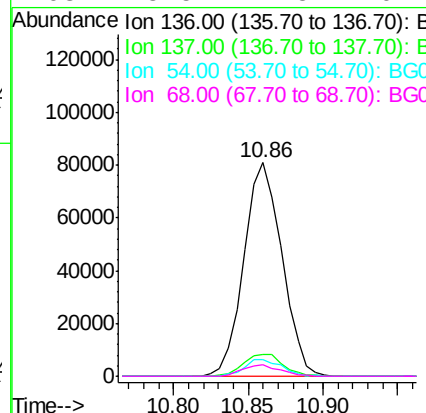
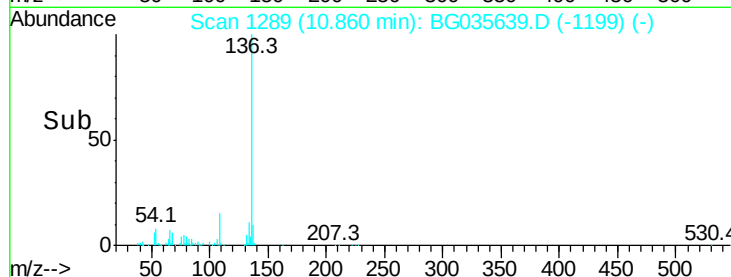
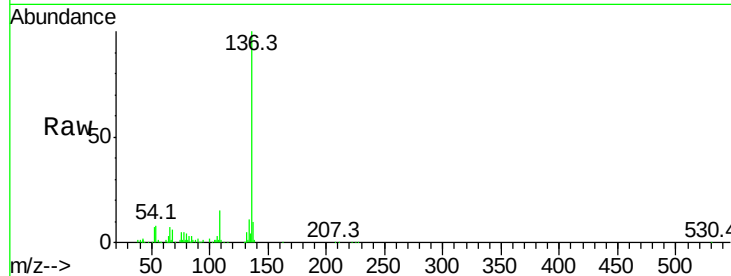
ClientSampleId :

PB111092BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.4	9.2	13.8	
54	7.9	10.3	15.5	
68	5.5	4.5	6.7	

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#22

Acetophenone

Concen: 41.490 ng

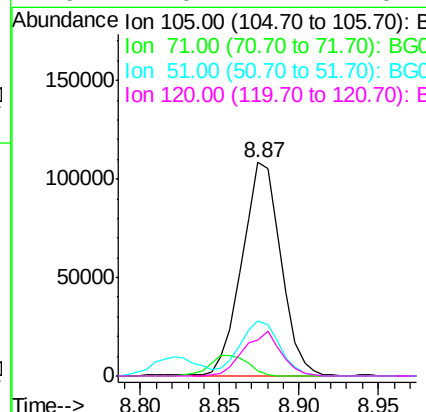
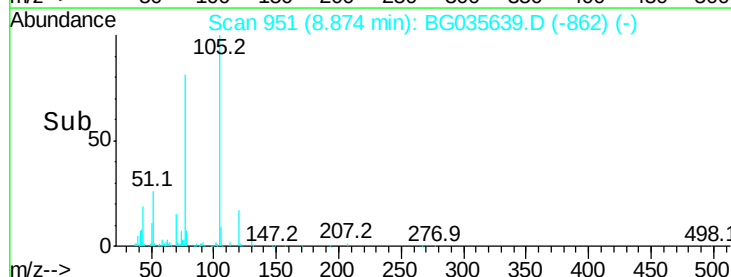
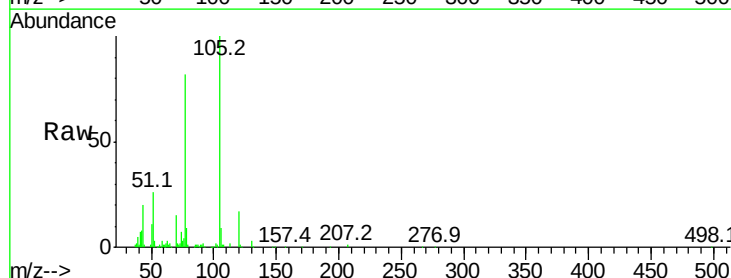
RT: 8.87 min Scan# 951

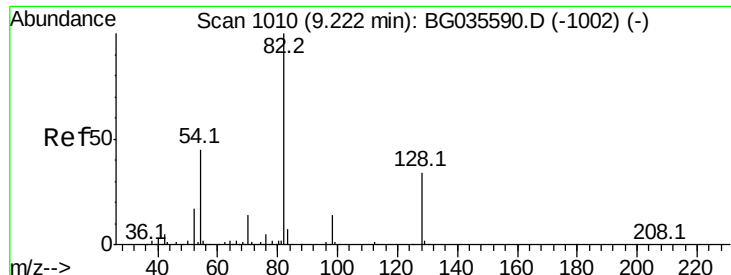
Delta R.T. -0.01 min

Lab File: BG035639.D

Acq: 13 Jul 2018 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	2.4	3.0	4.4	
51	26.1	26.1	39.1	
120	17.0	17.4	26.2	





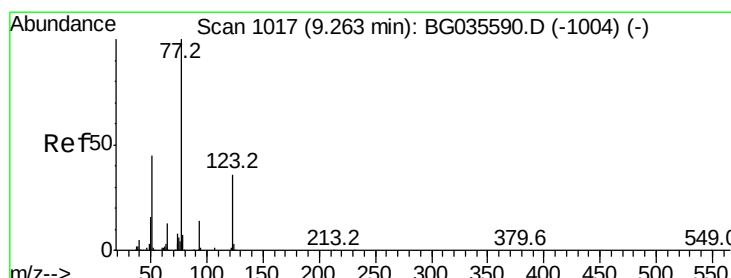
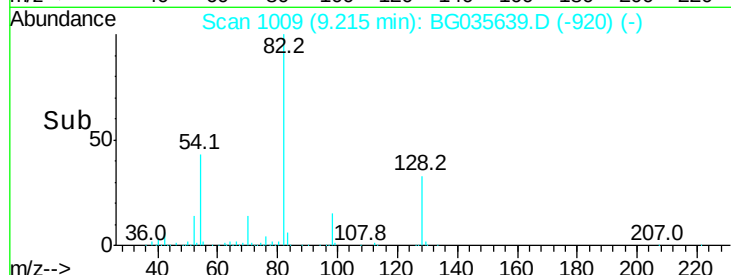
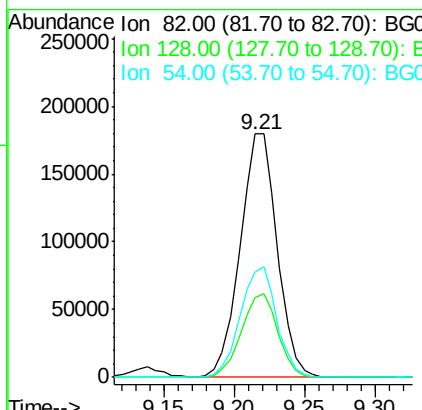
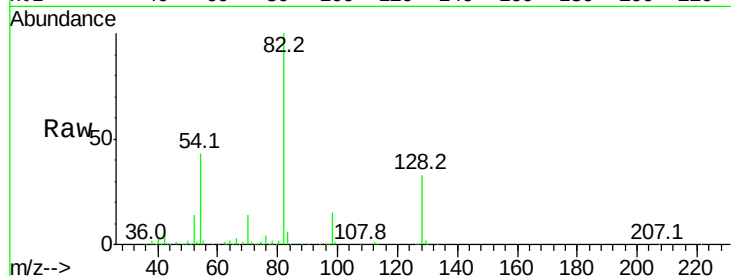
#23
 Nitrobenzene-d5
 Concen: 96.481 ng
 RT: 9.21 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BG035639.D
 Acq: 13 Jul 2018 21:22

Instrument :
 BNA_G
 ClientSampleId :
 PB111092BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	33.0	29.7	44.5
54	43.2	43.1	64.7

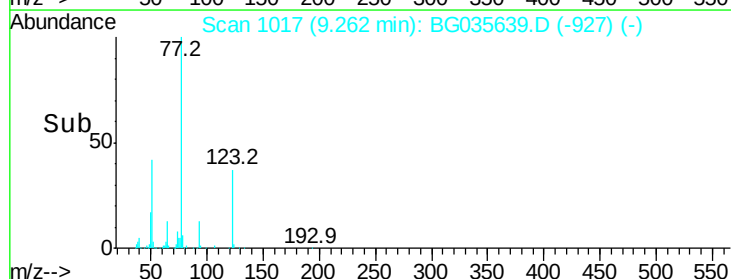
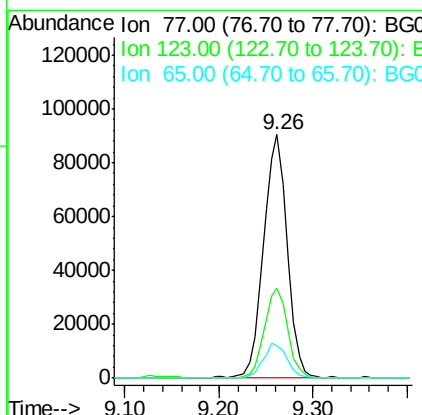
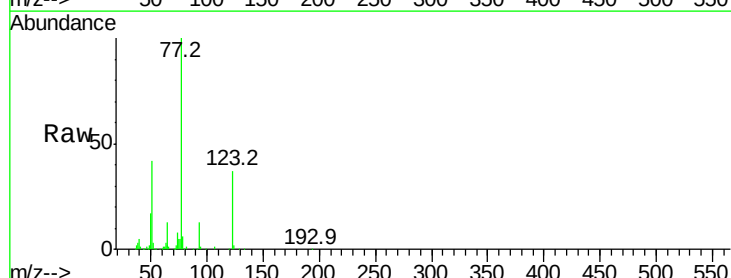
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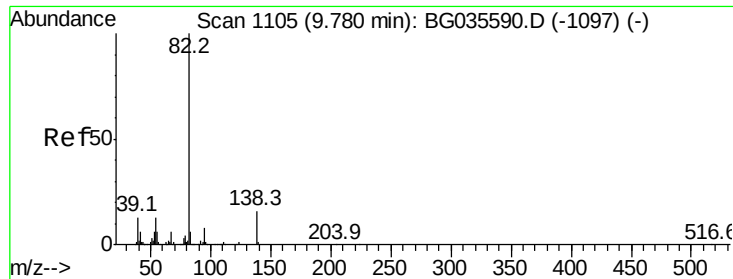
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#24
 Nitrobenzene
 Concen: 45.727 ng
 RT: 9.26 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: BG035639.D
 Acq: 13 Jul 2018 21:22

Tgt Ion	Ratio	Lower	Upper
77	100		
123	37.2	33.0	49.6
65	13.3	13.0	19.6





#25

Isophorone

Concen: 47.976 ng

RT: 9.78 min Scan# 1105

Delta R.T. -0.00 min

Lab File: BG035639.D

Acq: 13 Jul 2018 21:22

Instrument :

BNA_G

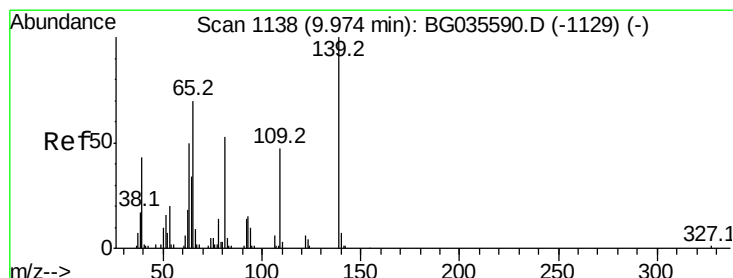
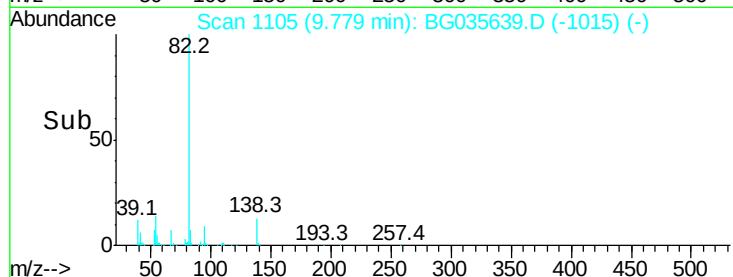
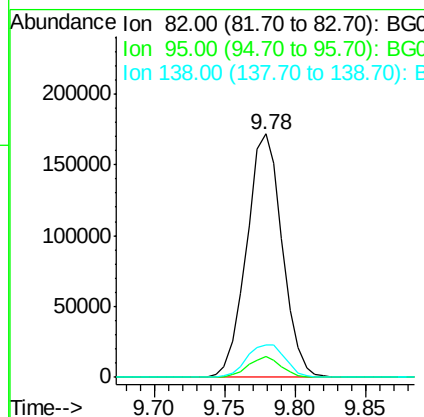
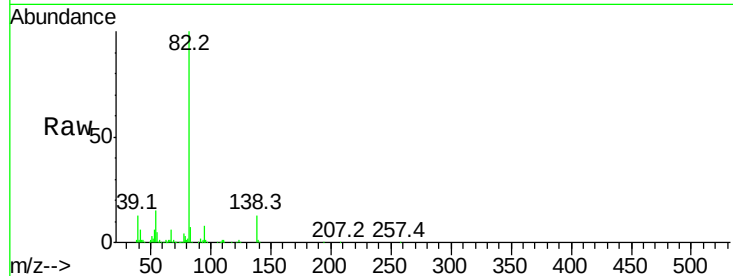
ClientSampleId :

PB111092BS

Tot Ion	82	Resp	304117
Ion Ratio	Lower	Upper	
82	100		
95	8.4	6.2	9.2
138	13.1	12.1	18.1

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#26

2-Nitrophenol

Concen: 52.911 ng

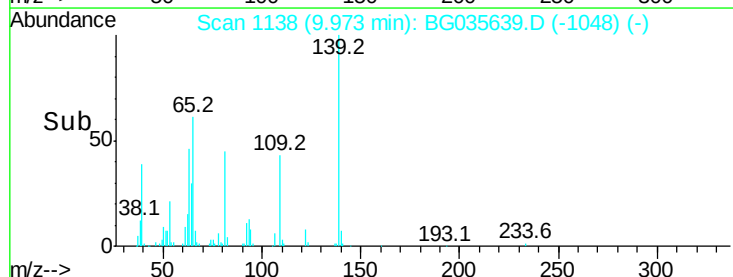
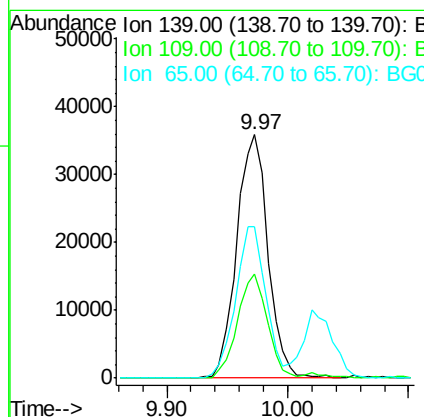
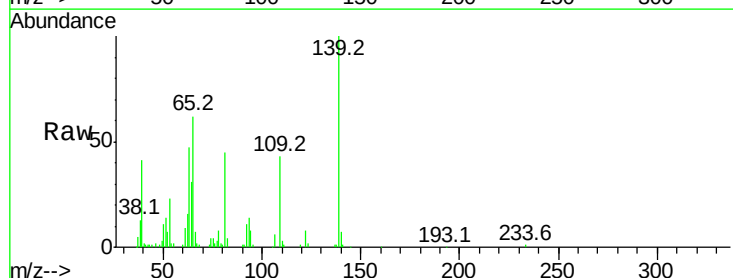
RT: 9.97 min Scan# 1138

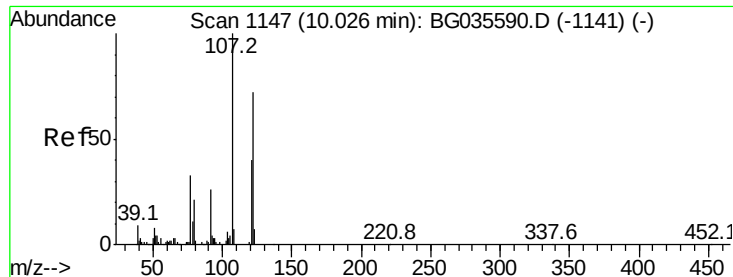
Delta R.T. -0.00 min

Lab File: BG035639.D

Acq: 13 Jul 2018 21:22

Tgt Ion	139	Resp	64533
Ion Ratio	Lower	Upper	
139	100		
109	42.7	24.2	36.2#
65	62.4	47.4	71.0





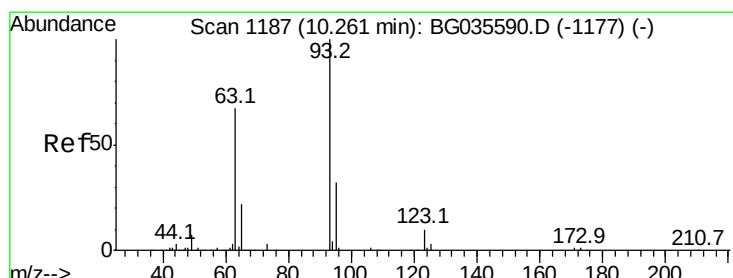
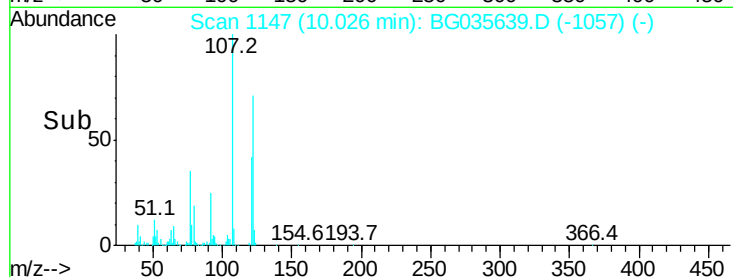
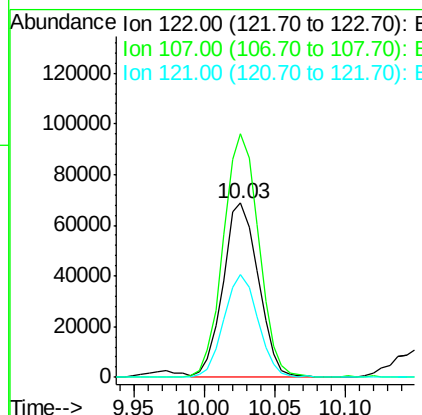
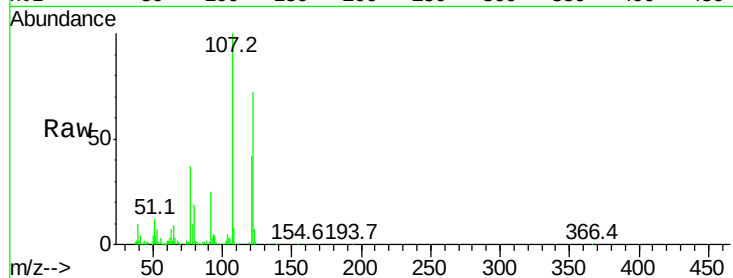
#27
2,4-Dimethylphenol
Concen: 57.614 ng
RT: 10.03 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BG035639.D
Acq: 13 Jul 2018 21:22

Instrument :
BNA_G
ClientSampleId :
PB111092BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	139.7	100.2	150.2
121	58.9	44.4	66.6

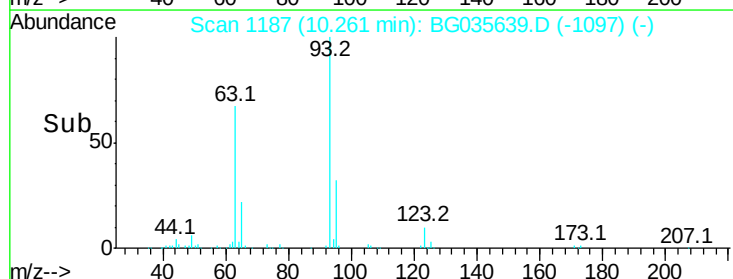
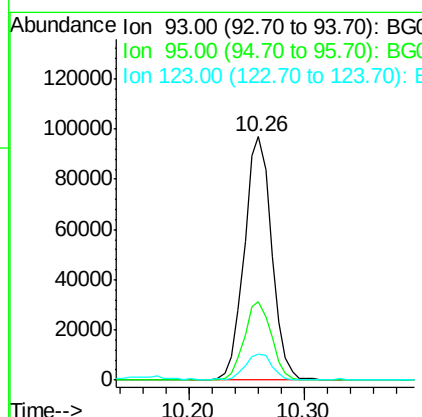
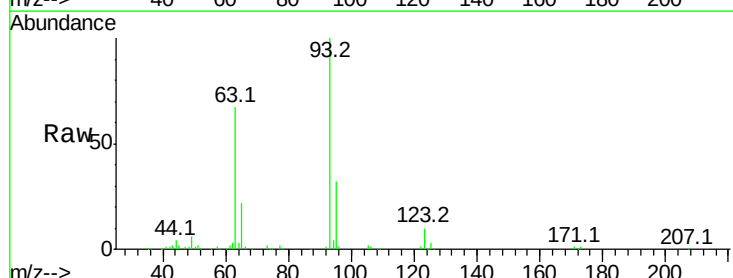
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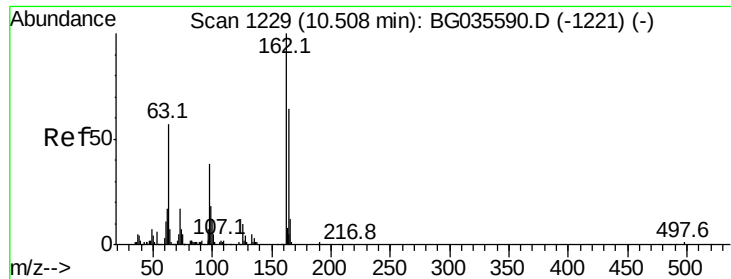
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 45.851 ng
RT: 10.26 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BG035639.D
Acq: 13 Jul 2018 21:22

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	24.3	36.5
123	10.5	8.4	12.6





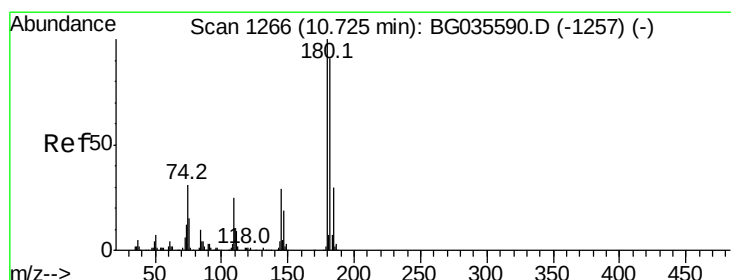
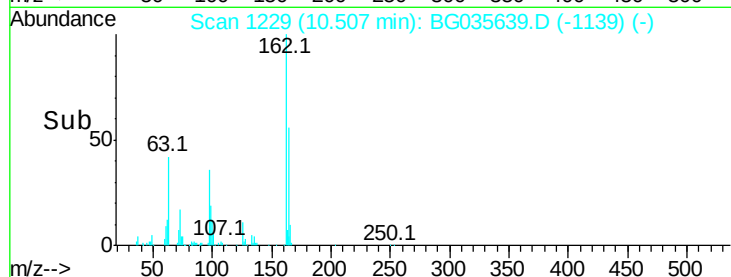
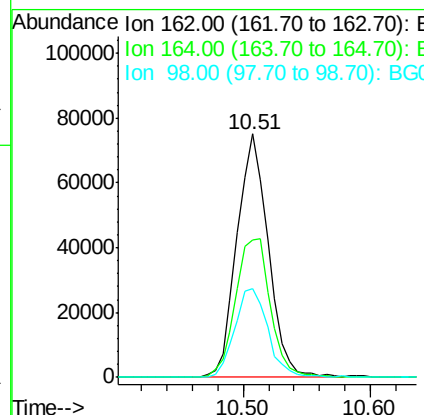
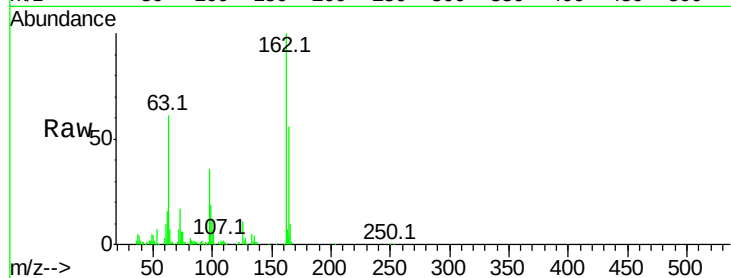
#29
2,4-Dichlorophenol
Concen: 54.608 ng
RT: 10.51 min Scan# 1229
Delta R.T. -0.00 min
Lab File: BG035639.D
Acq: 13 Jul 2018 21:22

Instrument :
BNA_G
ClientSampled :
PB111092BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	56.4	48.0	88.0
98	36.3	21.1	61.1

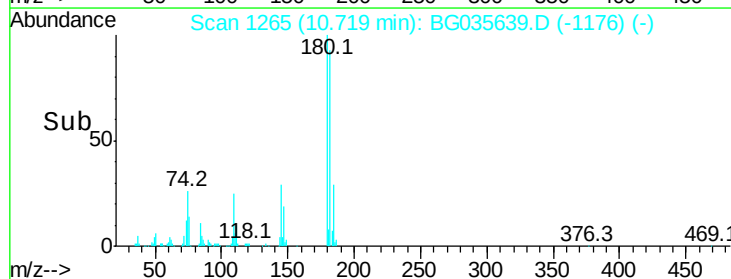
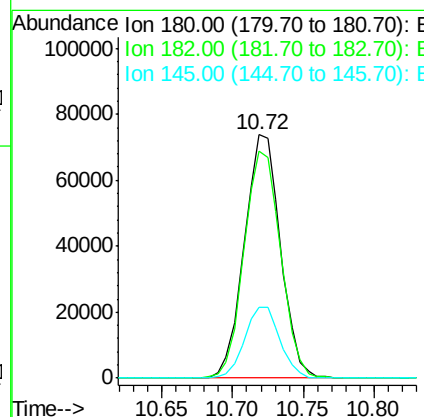
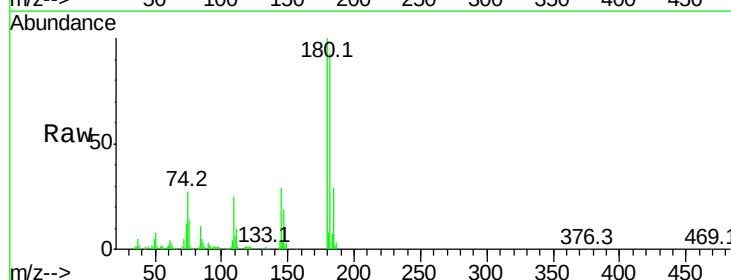
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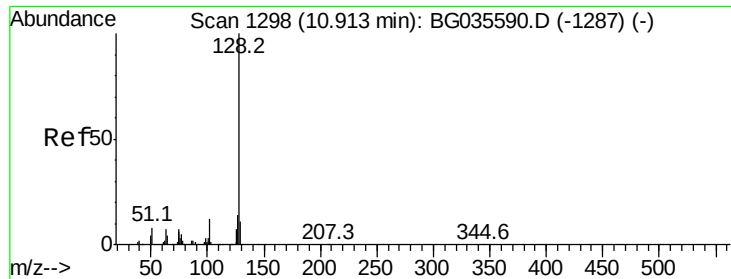
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 45.719 ng
RT: 10.72 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BG035639.D
Acq: 13 Jul 2018 21:22

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	93.5	77.5	116.3
145	29.0	23.4	35.2





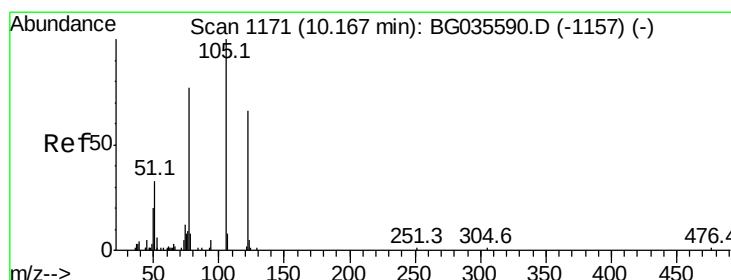
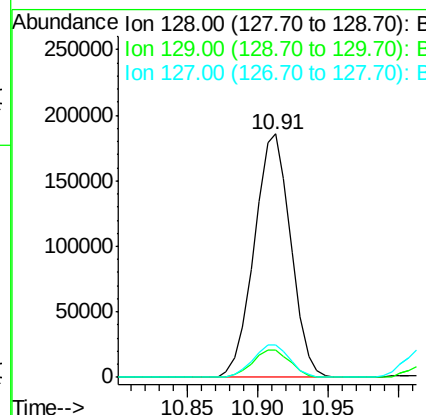
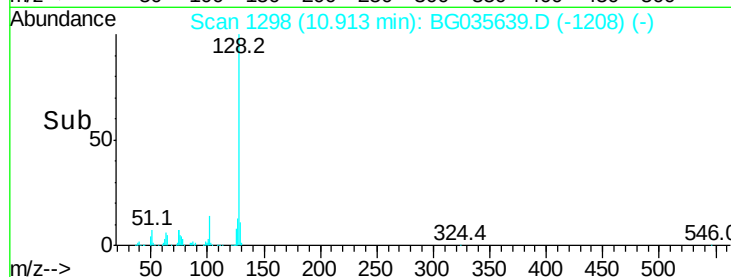
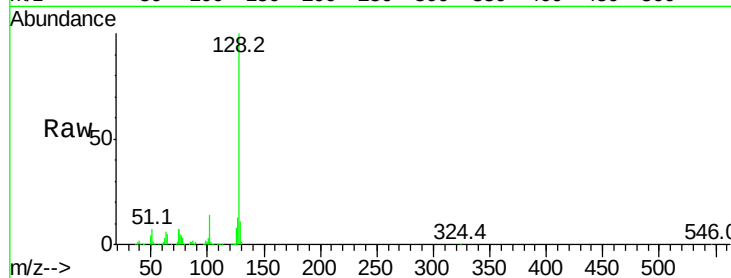
#31
Naphthalene
Concen: 45.324 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG035639.D
Acq: 13 Jul 2018 21:22

Instrument :
BNA_G
ClientSampleId :
PB111092BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	12.8
127	13.4	11.6	17.4

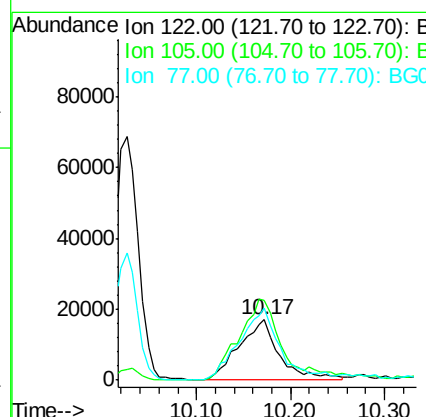
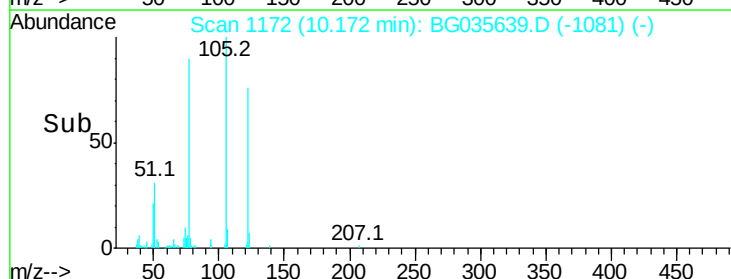
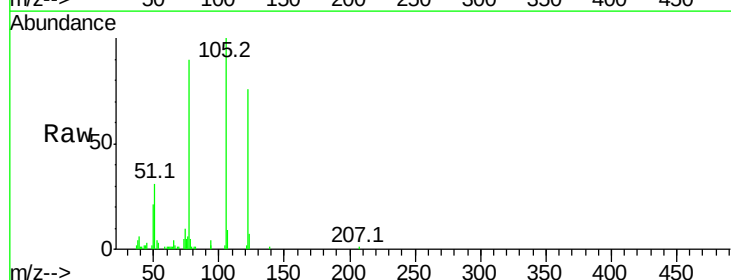
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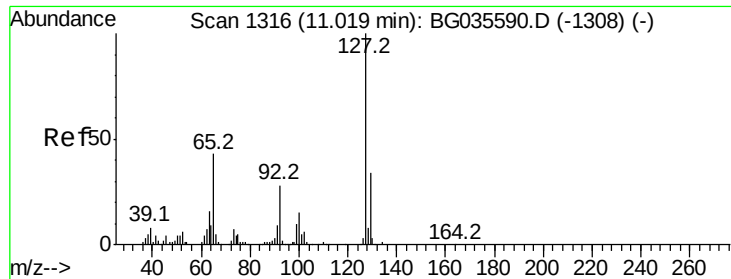
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#32
Benzoic acid
Concen: 35.779 ng
RT: 10.17 min Scan# 1172
Delta R.T. 0.01 min
Lab File: BG035639.D
Acq: 13 Jul 2018 21:22

Tgt Ion	Ratio	Lower	Upper
122	100		
105	132.1	123.5	163.5
77	118.7	85.7	125.7





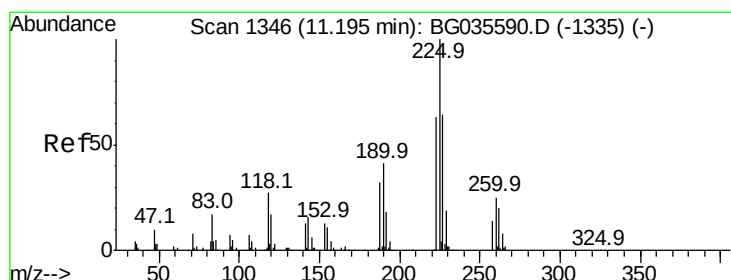
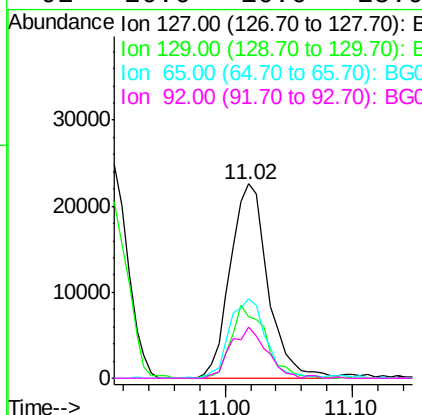
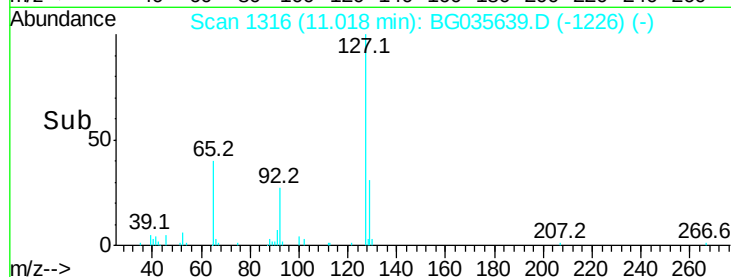
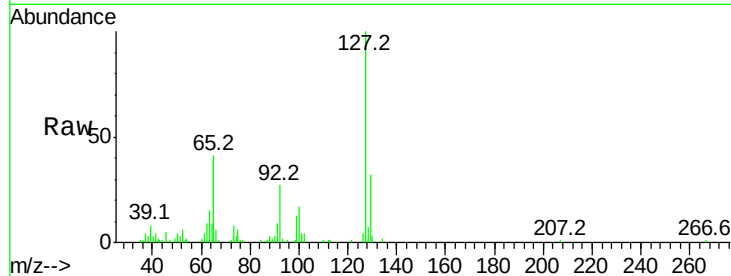
#33
4-Chloroaniline
Concen: 14.362 ng
RT: 11.02 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BG035639.D
Acq: 13 Jul 2018 21:22

Instrument :
BNA_G
ClientSampleId :
PB111092BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.9	24.0	36.0	
65	41.1	27.0	40.4	
92	26.6	16.6	25.0	

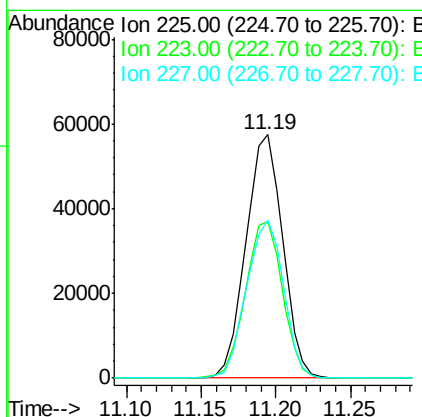
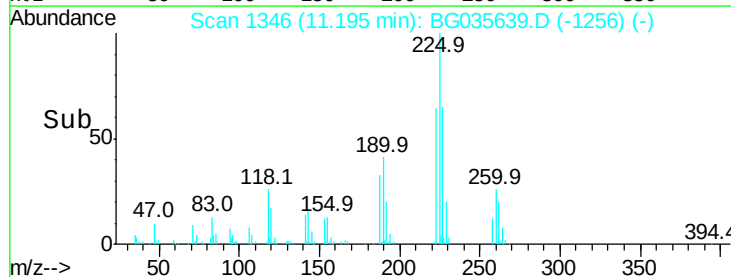
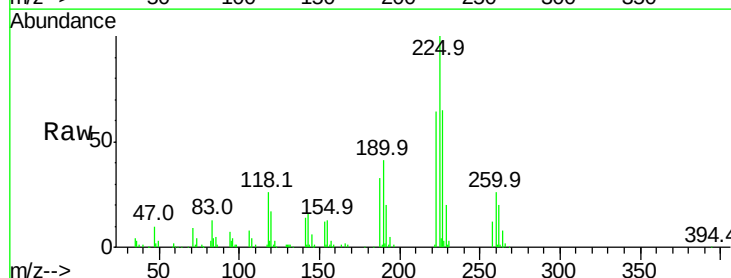
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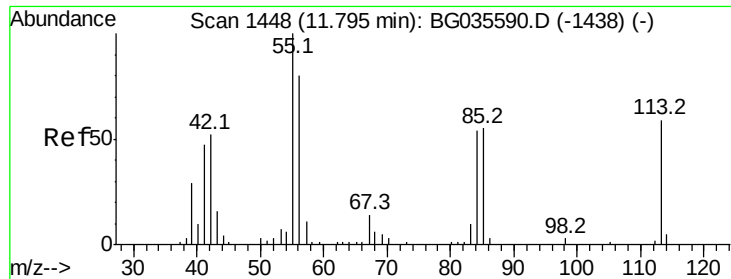
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#34
Hexachlorobutadiene
Concen: 43.260 ng
RT: 11.19 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BG035639.D
Acq: 13 Jul 2018 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.4	49.7	74.5	
227	64.9	48.1	72.1	





#35

Caprolactam

Concen: 45.879 ng

RT: 11.79 min Scan# 1447

Delta R.T. -0.01 min

Lab File: BG035639.D

Acq: 13 Jul 2018 21:22

Instrument :

BNA_G

ClientSampleId :

PB111092BS

Tot Ion:113 Resp: 46399

Ion Ratio Lower Upper

113 100

55 155.3 186.9 226.9#

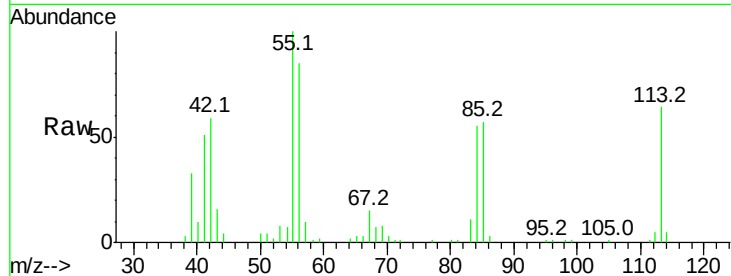
56 132.0 130.9 170.9

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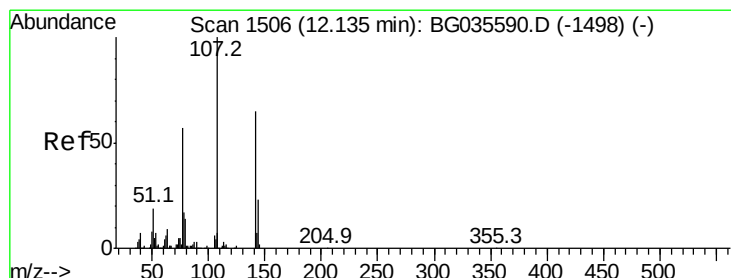
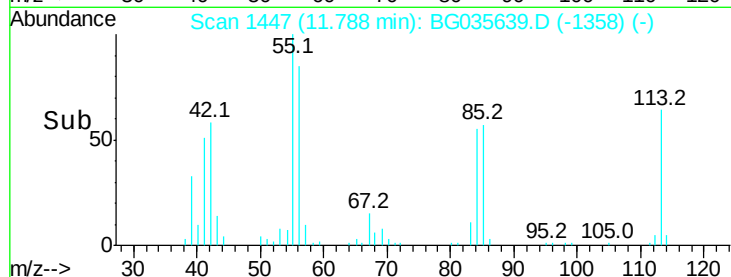
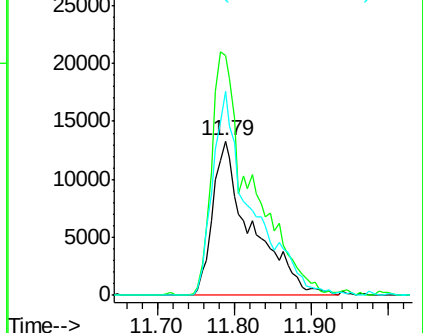
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 52.519 ng

RT: 12.13 min Scan# 1506

Delta R.T. -0.00 min

Lab File: BG035639.D

Acq: 13 Jul 2018 21:22

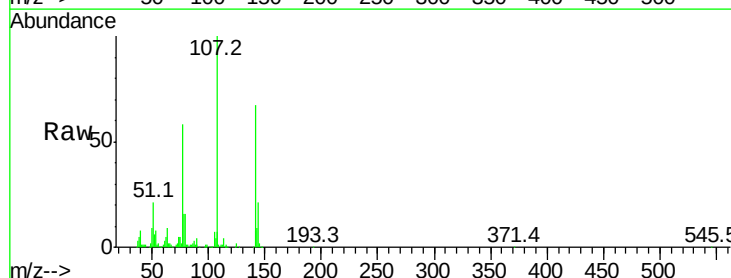
Tgt Ion:107 Resp: 165903

Ion Ratio Lower Upper

107 100

144 20.9 18.2 27.4

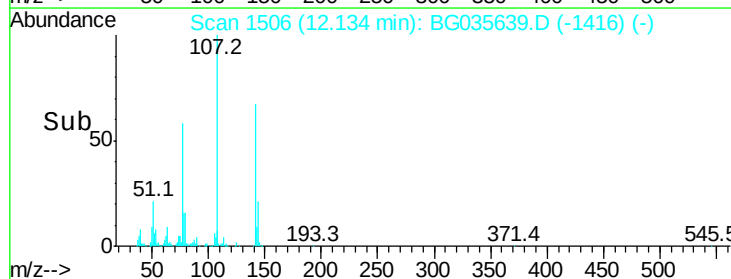
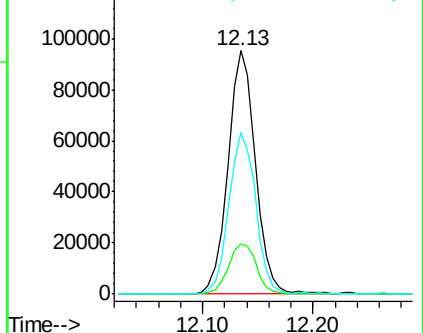
142 66.5 59.0 88.4

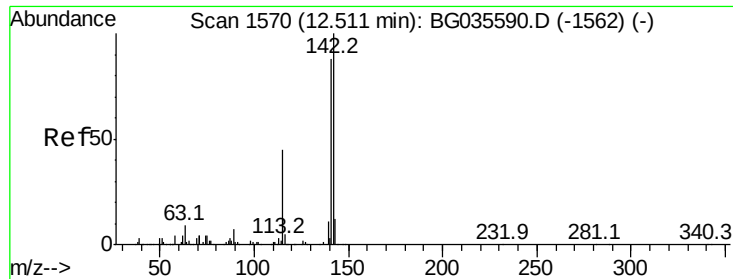


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 49.019 ng

RT: 12.51 min Scan# 1570

Delta R.T. -0.00 min

Lab File: BG035639.D

Acq: 13 Jul 2018 21:22

Instrument :

BNA_G

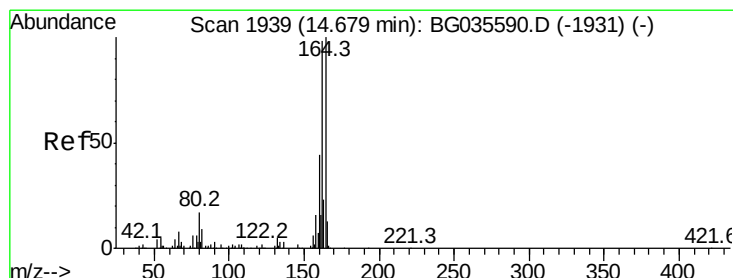
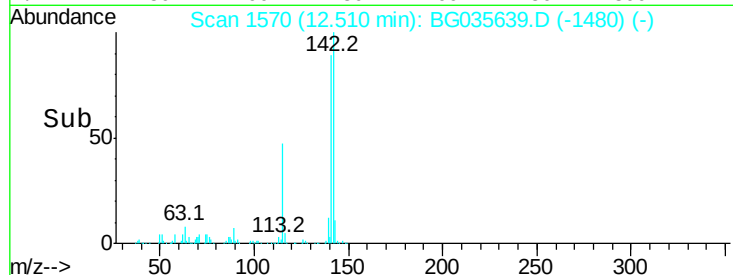
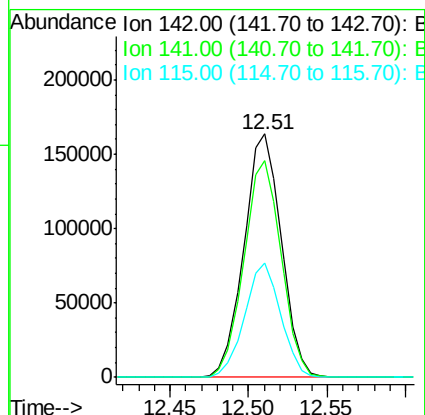
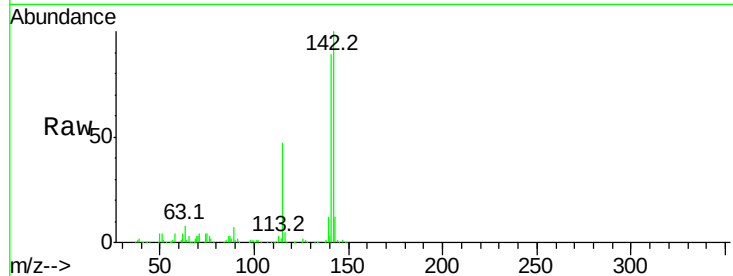
ClientSampleId :

PB111092BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	271372		
141	89.2	67.1	100.7	
115	46.8	30.7	46.1	

Manual Integrations
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#38

Acenaphthene-d10

Concen: 20.000 ng

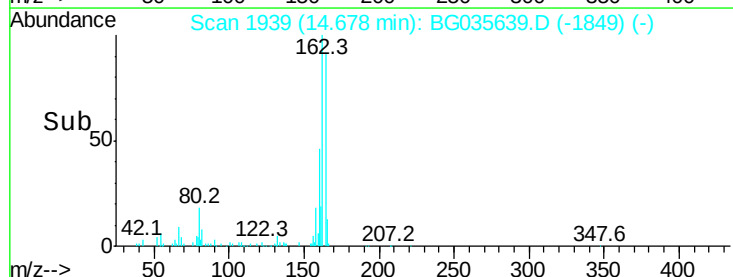
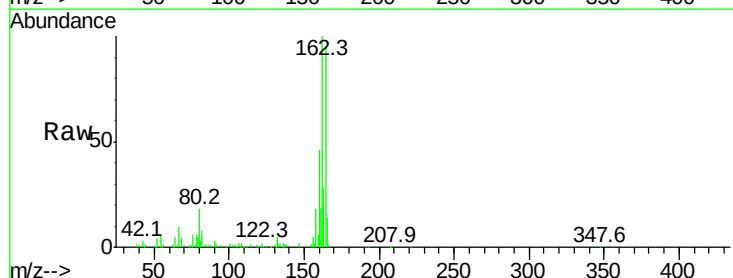
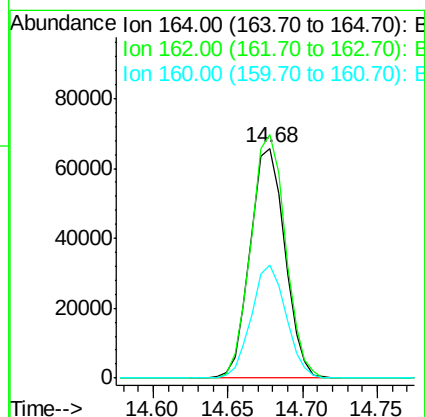
RT: 14.68 min Scan# 1939

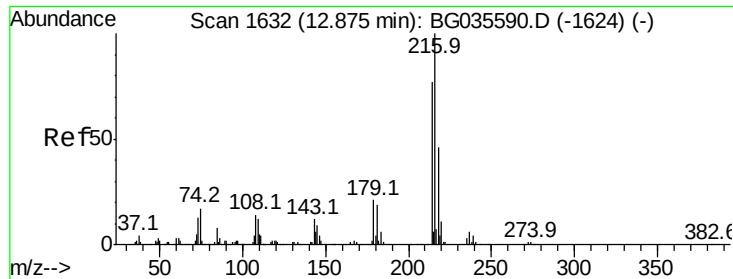
Delta R.T. -0.00 min

Lab File: BG035639.D

Acq: 13 Jul 2018 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	105615		
162	105.8	78.8	118.2	
160	49.0	35.4	53.0	





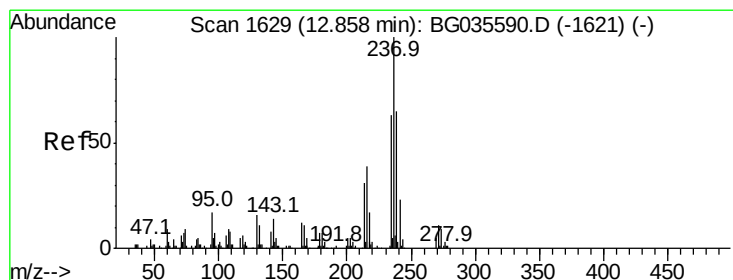
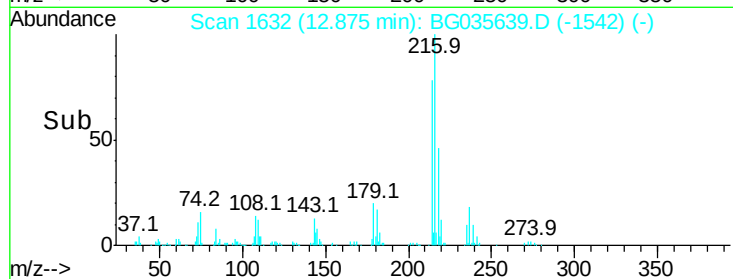
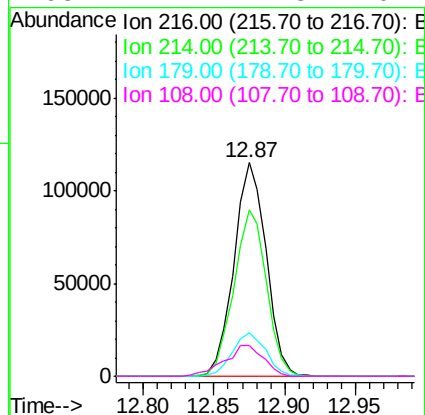
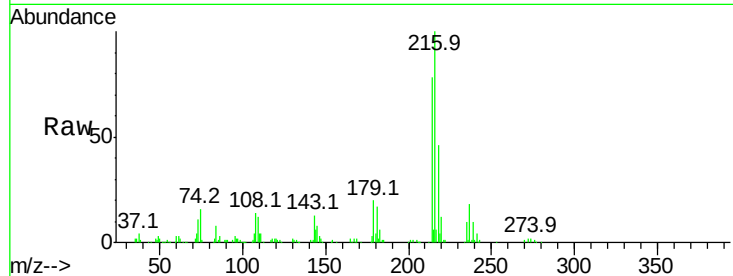
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.866 ng
 RT: 12.87 min Scan# 1632
 Delta R.T. -0.00 min
 Lab File: BG035639.D
 Acq: 13 Jul 2018 21:22

Instrument :
 BNA_G
 ClientSampleId :
 PB111092BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.7	63.0	94.4
179	21.2	17.0	25.6
108	17.2	12.8	19.2

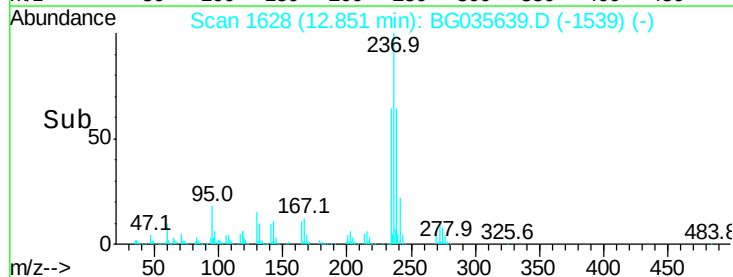
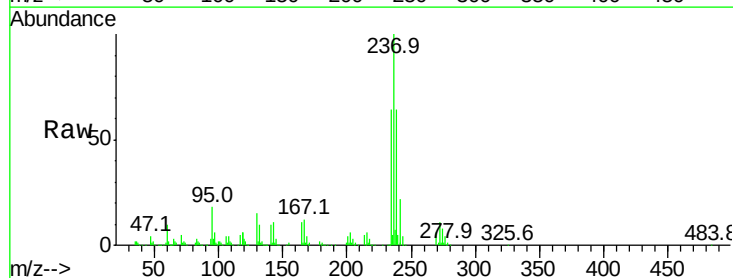
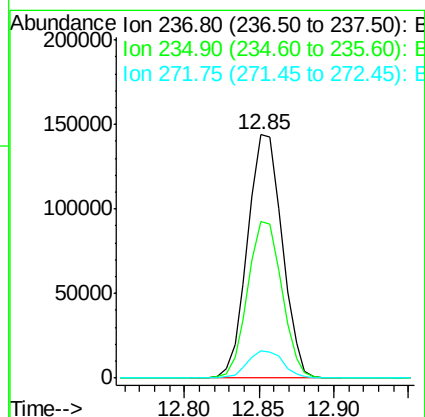
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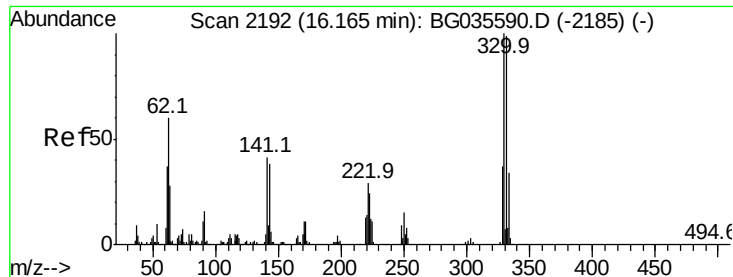
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 7/16/2018 3:24:22 PM



#40
 Hexachlorocyclopentadiene
 Concen: 110.103 ng
 RT: 12.85 min Scan# 1628
 Delta R.T. -0.01 min
 Lab File: BG035639.D
 Acq: 13 Jul 2018 21:22

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	64.5	50.4	90.4
272	11.4	0.0	31.8





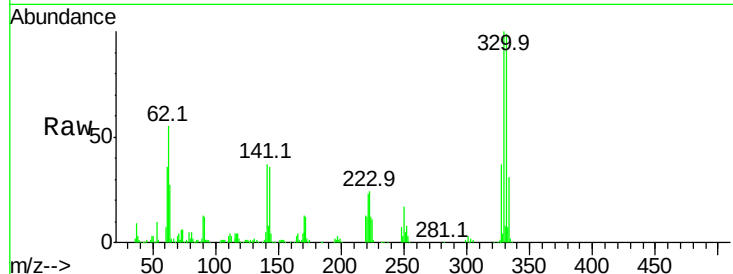
#41
 2,4,6-Tribromophenol
 Concen: 165.417 ng
 RT: 16.16 min Scan# 2192
 Delta R.T. -0.00 min
 Lab File: BG035639.D
 Acq: 13 Jul 2018 21:22

Instrument :
 BNA_G
 ClientSampleId :
 PB111092BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	230272		
332	95.7	77.0	115.6	
141	38.5	25.2	37.8#	

Manual Integrations
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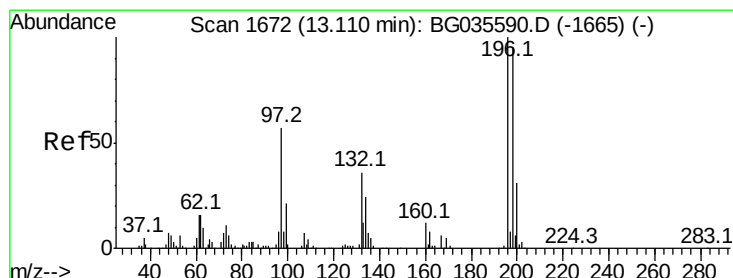
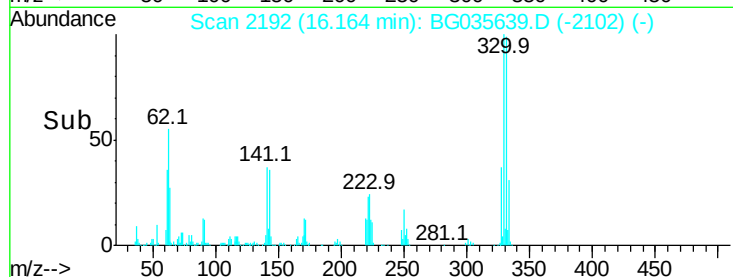
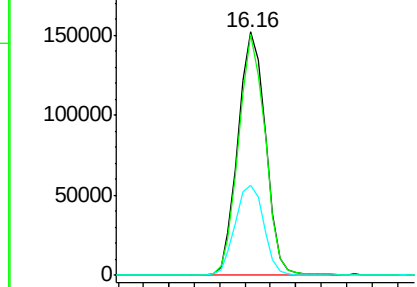


Abundance

Ion 329.80 (329.50 to 330.50): E

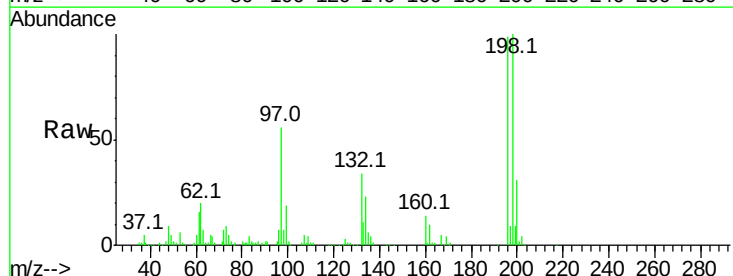
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 51.106 ng
 RT: 13.12 min Scan# 1673
 Delta R.T. 0.01 min
 Lab File: BG035639.D
 Acq: 13 Jul 2018 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	119138		
198	101.3	78.2	117.2	
200	31.4	24.6	36.8	

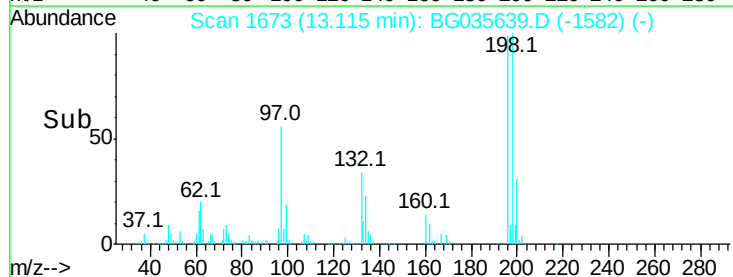
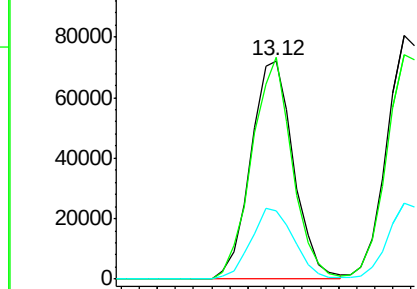


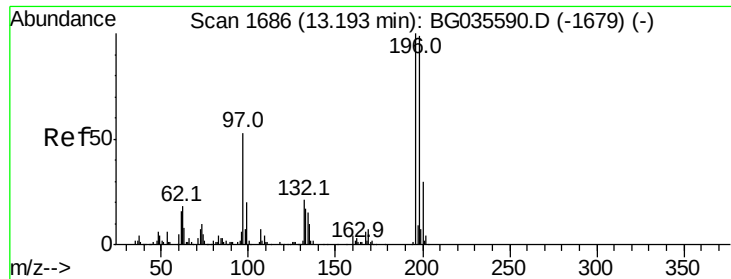
Abundance

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





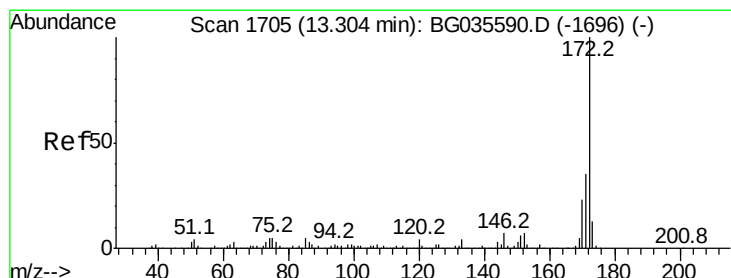
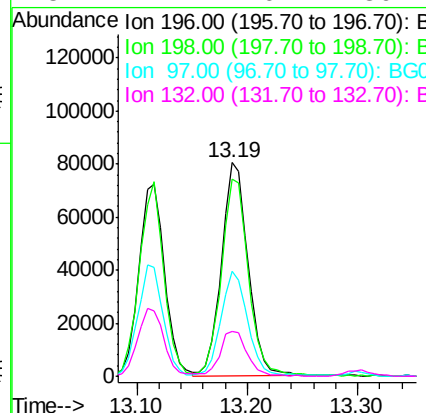
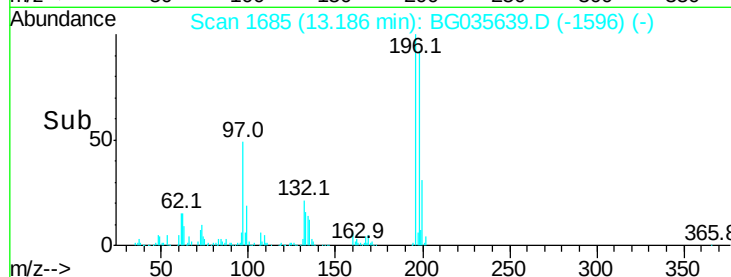
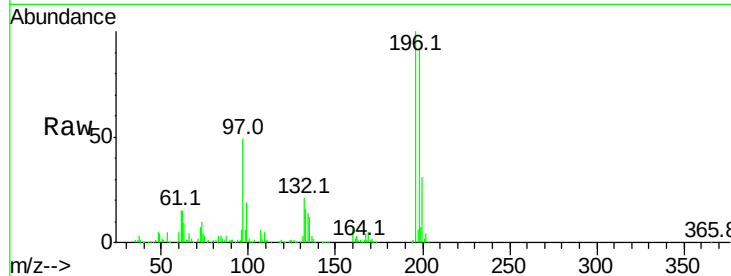
#43
2,4,5-Trichlorophenol
Concen: 51.788 ng
RT: 13.19 min Scan# 1685
Delta R.T. -0.01 min
Lab File: BG035639.D
Acq: 13 Jul 2018 21:22

Instrument :
BNA_G
ClientSampleId :
PB111092BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		135057		
198	92.3	76.2	114.4		
97	49.1	38.7	58.1		
132	21.1	20.2	30.2		

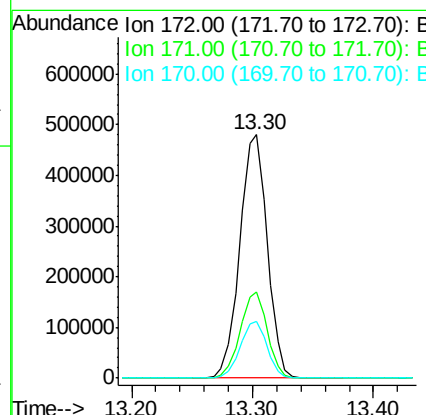
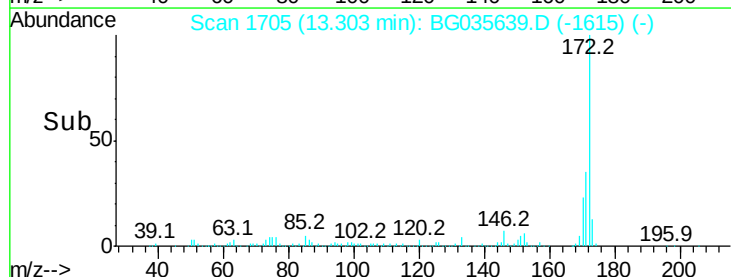
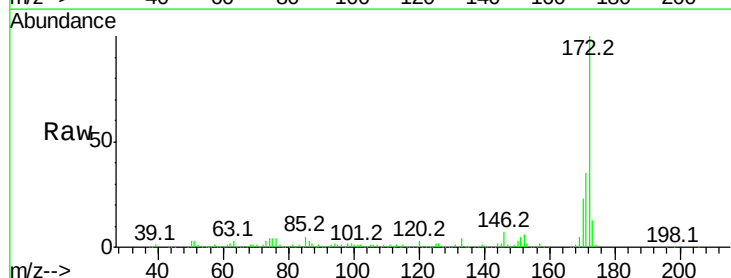
Manual Integrations
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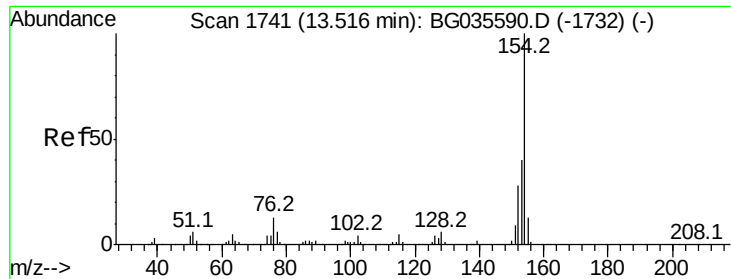
Sohil
7/16/2018 3:24:22 PM



#44
2-Fluorobiphenyl
Concen: 96.475 ng
RT: 13.30 min Scan# 1705
Delta R.T. -0.00 min
Lab File: BG035639.D
Acq: 13 Jul 2018 21:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		760535		
171	35.4	30.0	45.0		
170	23.4	19.5	29.3		





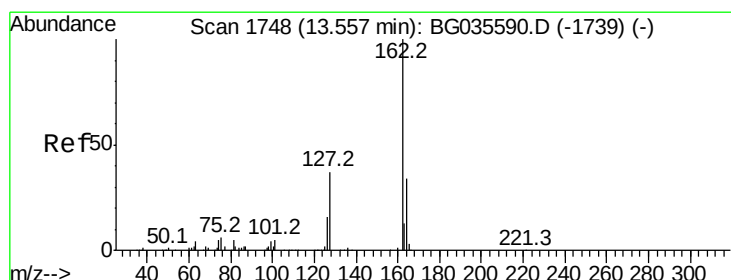
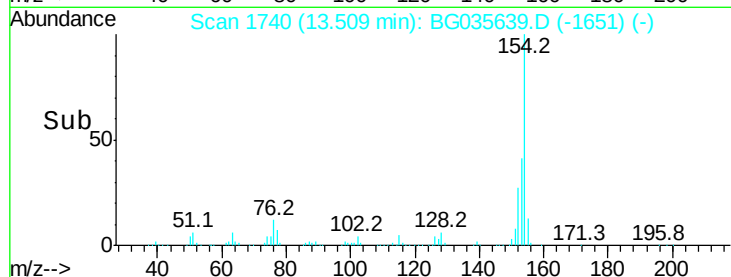
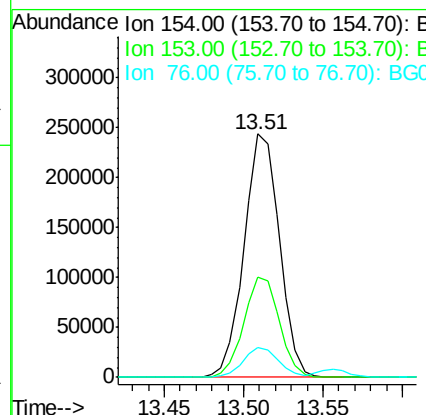
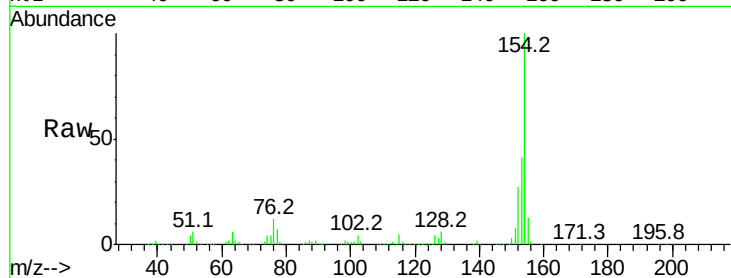
#45
 1,1'-Biphenyl
 Concen: 46.086 ng
 RT: 13.51 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BG035639.D
 Acq: 13 Jul 2018 21:22

Instrument :
 BNA_G
 ClientSampleId :
 PB111092BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.2	19.8	59.8
76	12.4	0.0	31.9

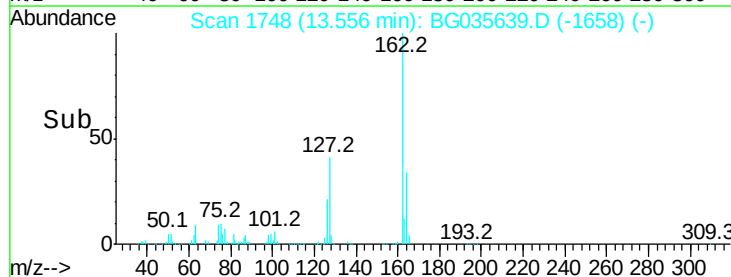
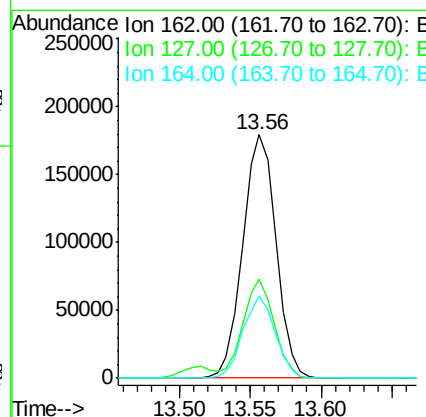
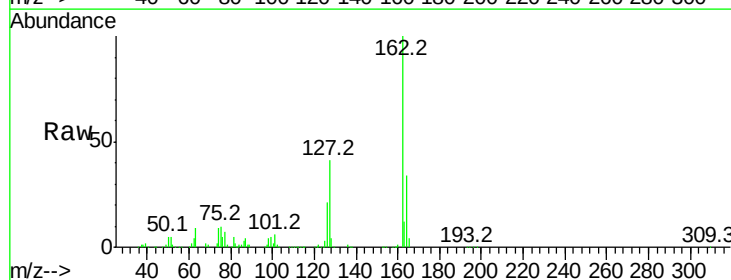
Manual Integrations
 APPROVED

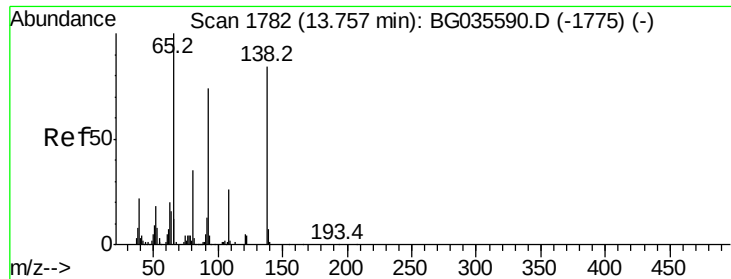
Sohil
 7/16/2018 3:24:22 PM



#46
 2-Chloronaphthalene
 Concen: 46.376 ng
 RT: 13.56 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: BG035639.D
 Acq: 13 Jul 2018 21:22

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.7	30.7	46.1
164	34.0	26.0	39.0





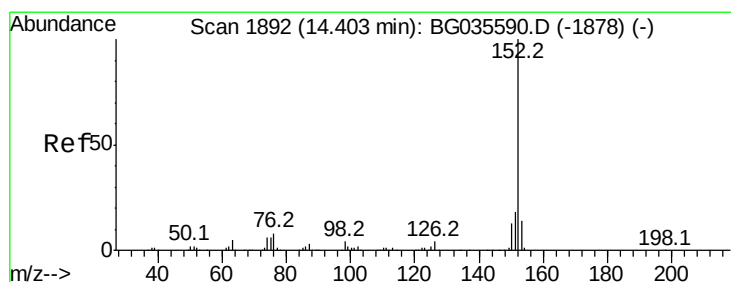
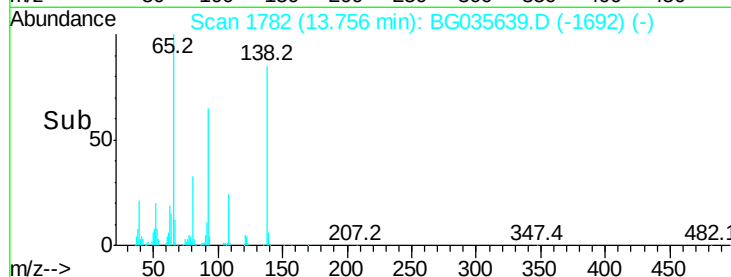
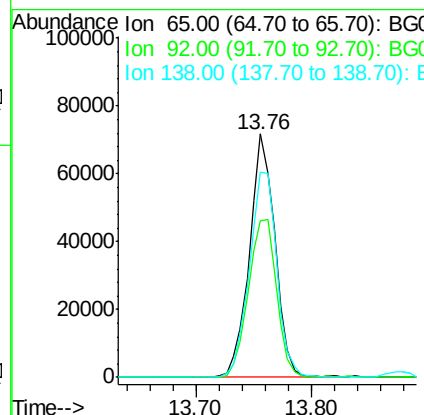
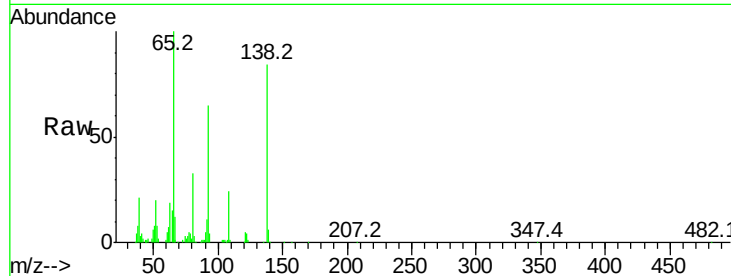
#47
2-Nitroaniline
Concen: 48.985 ng
RT: 13.76 min Scan# 1782
Delta R.T. -0.00 min
Lab File: BG035639.D
Acq: 13 Jul 2018 21:22

Instrument :
BNA_G
ClientSampleId :
PB111092BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	64.5	54.6	82.0
138	84.4	72.9	109.3

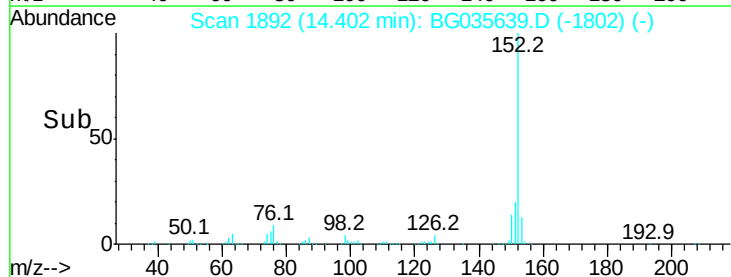
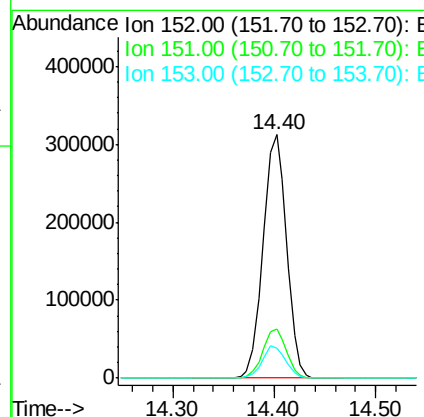
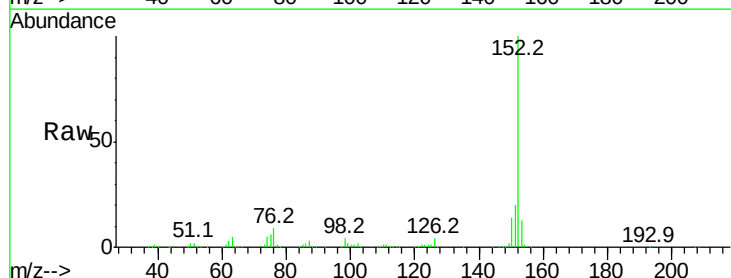
Manual Integrations
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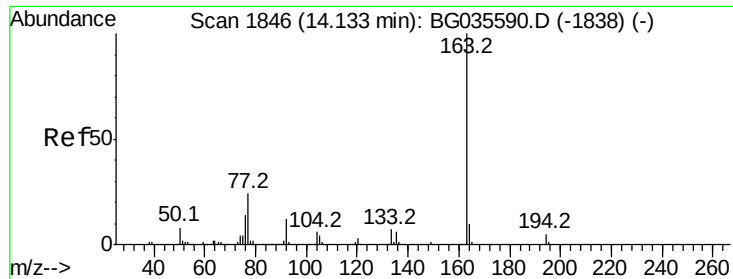
Sohil
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#48
Acenaphthylene
Concen: 46.944 ng
RT: 14.40 min Scan# 1892
Delta R.T. -0.00 min
Lab File: BG035639.D
Acq: 13 Jul 2018 21:22

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	17.2	25.8
153	12.5	10.2	15.4





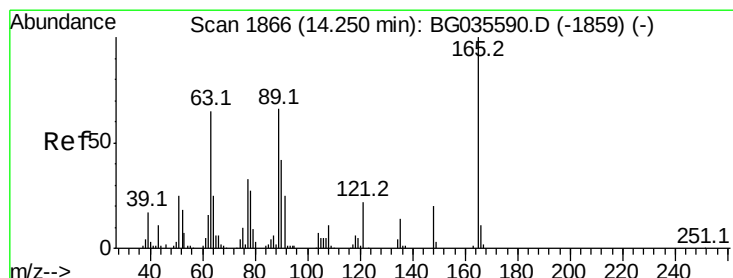
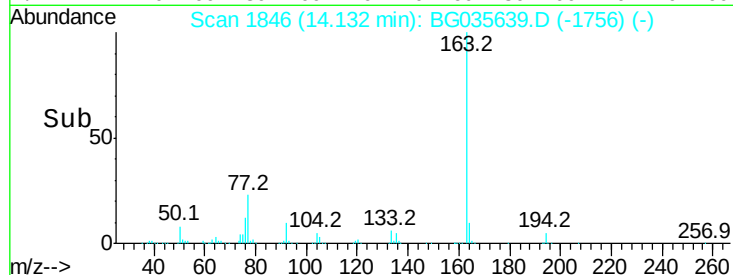
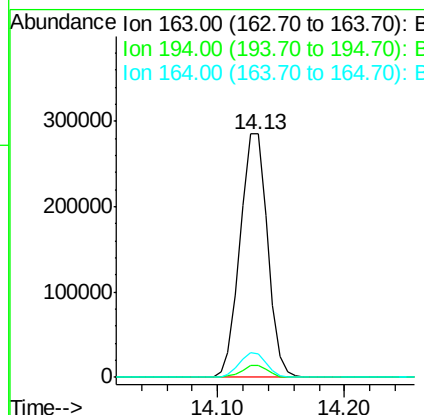
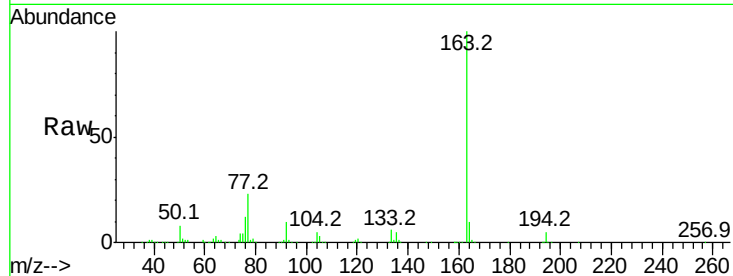
#49
Dimethylphthalate
Concen: 46.182 ng
RT: 14.13 min Scan# 1846
Delta R.T. -0.00 min
Lab File: BG035639.D
Acq: 13 Jul 2018 21:22

Instrument :
BNA_G
ClientSampleId :
PB111092BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	427339		
194	4.7		3.4	5.2
164	9.9		8.2	12.4

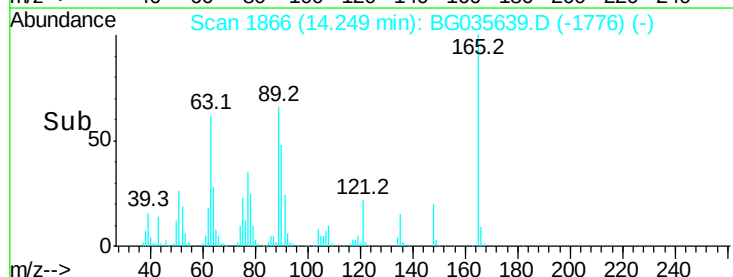
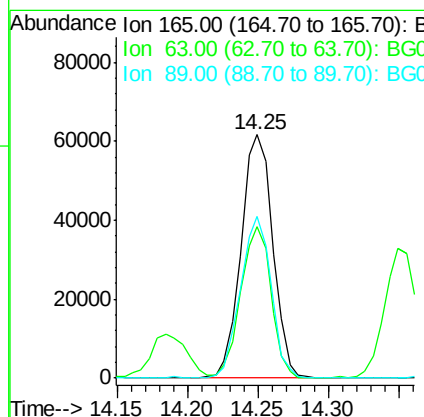
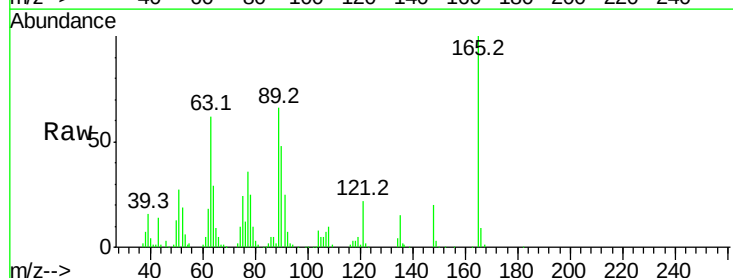
Manual Integrations
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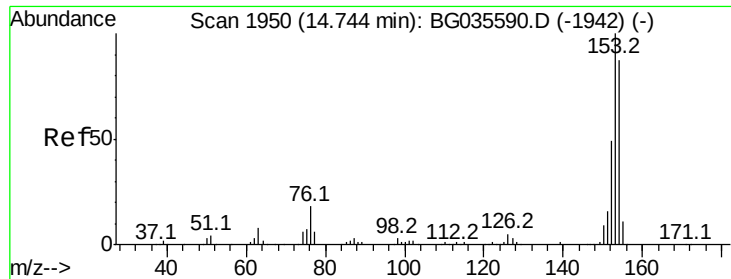
Sohil
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#50
2,6-Dinitrotoluene
Concen: 51.401 ng
RT: 14.25 min Scan# 1866
Delta R.T. -0.00 min
Lab File: BG035639.D
Acq: 13 Jul 2018 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	96857		
63	62.3		52.7	79.1
89	66.3		49.2	73.8





#51

Acenaphthene

Concen: 44.454 ng

RT: 14.74 min Scan# 1950

Delta R.T. -0.00 min

Lab File: BG035639.D

Acq: 13 Jul 2018 21:22

Instrument :

BNA_G

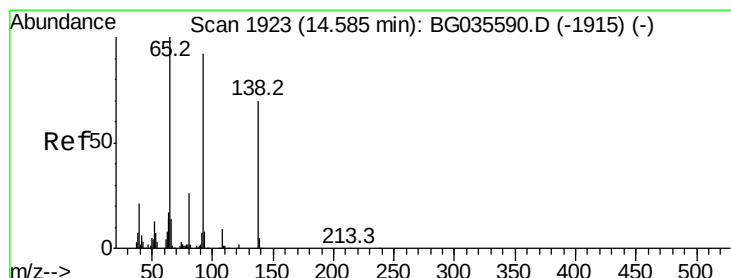
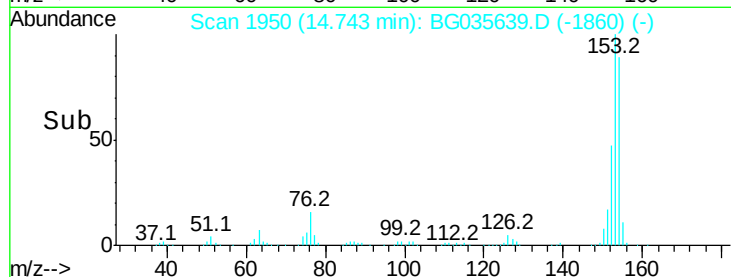
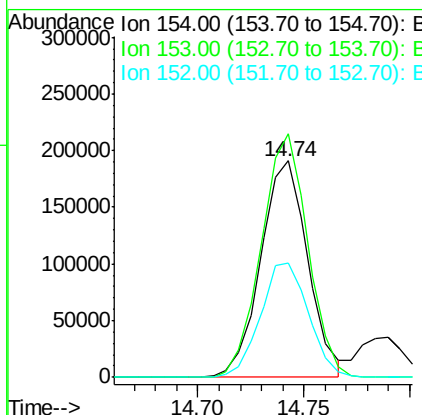
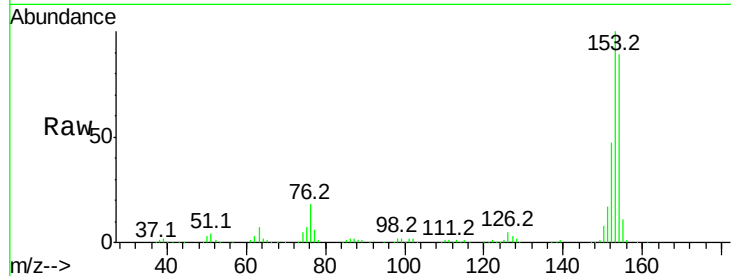
ClientSampleId :

PB111092BS

Tot Ion:	154	Resp:	295451
Ion Ratio	Lower	Upper	
154	100		
153	112.4	90.4	135.6
152	52.7	41.6	62.4

Manual Integrations
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#52

3-Nitroaniline

Concen: 25.328 ng

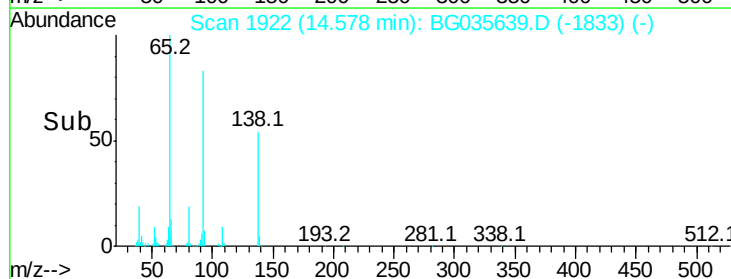
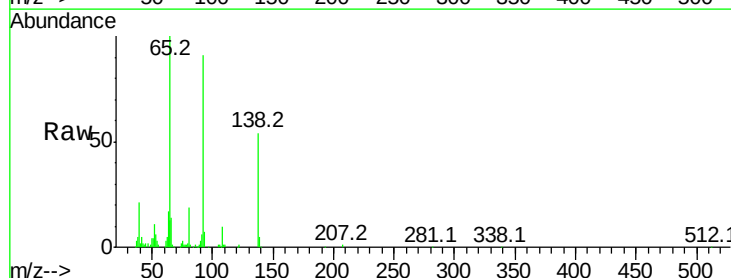
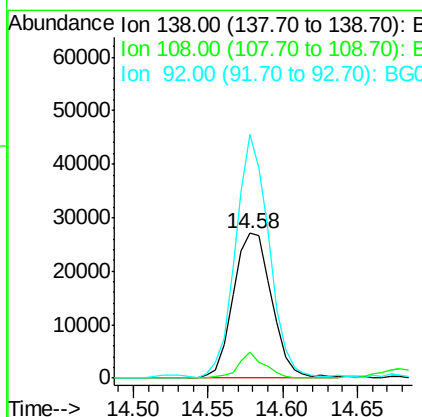
RT: 14.58 min Scan# 1922

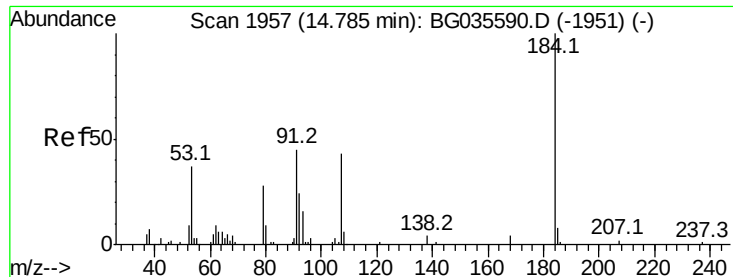
Delta R.T. -0.01 min

Lab File: BG035639.D

Acq: 13 Jul 2018 21:22

Tgt Ion:	138	Resp:	48781
Ion Ratio	Lower	Upper	
138	100		
108	18.1	17.5	26.3
92	168.0	105.8	158.8#





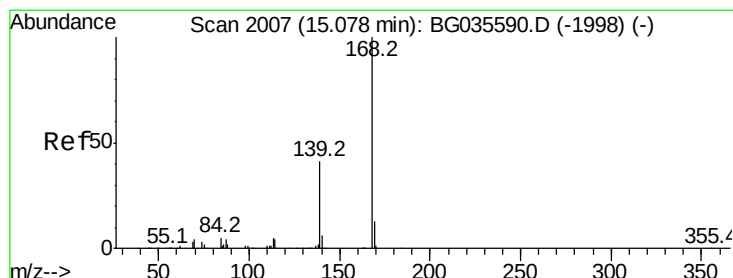
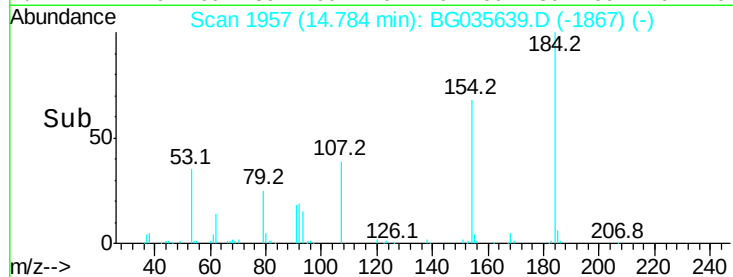
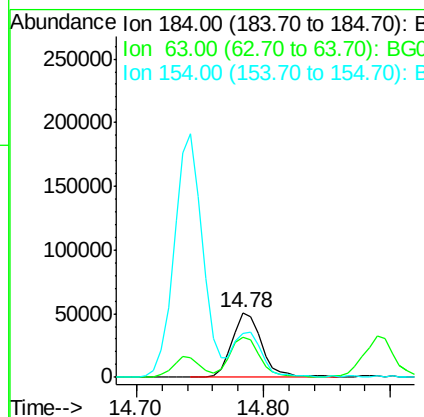
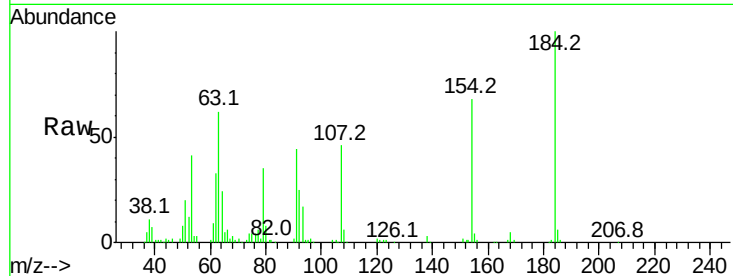
#53
 2,4-Dinitrophenol
 Concen: 84.543 ng
 RT: 14.78 min Scan# 1957
 Delta R.T. -0.00 min
 Lab File: BG035639.D
 Acq: 13 Jul 2018 21:22

Instrument :
 BNA_G
 ClientSampleId :
 PB111092BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	62.0	59.8	89.8
154	68.1	101.8	152.8#

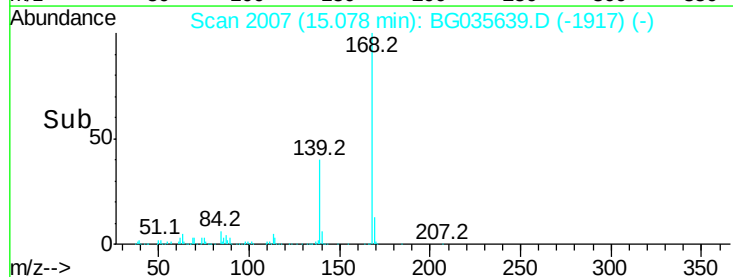
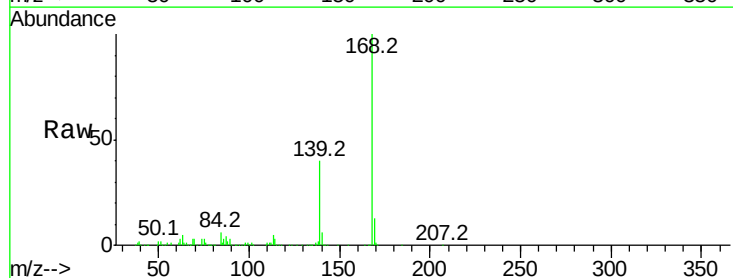
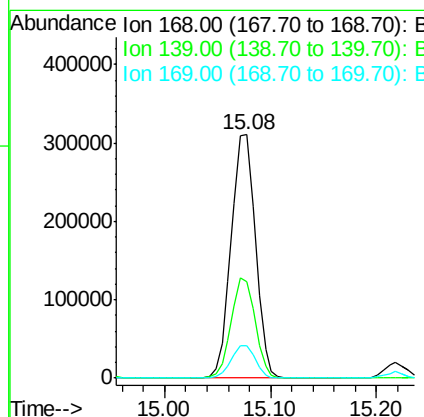
Manual Integrations
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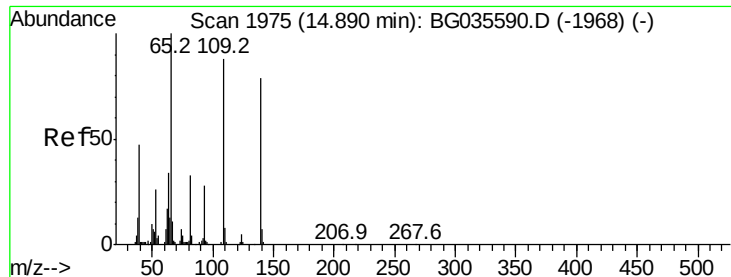
Sohil
 7/16/2018 3:24:22 PM



#54
 Dibenzofuran
 Concen: 46.650 ng
 RT: 15.08 min Scan# 2007
 Delta R.T. -0.00 min
 Lab File: BG035639.D
 Acq: 13 Jul 2018 21:22

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.8	28.6	43.0
169	13.5	11.2	16.8





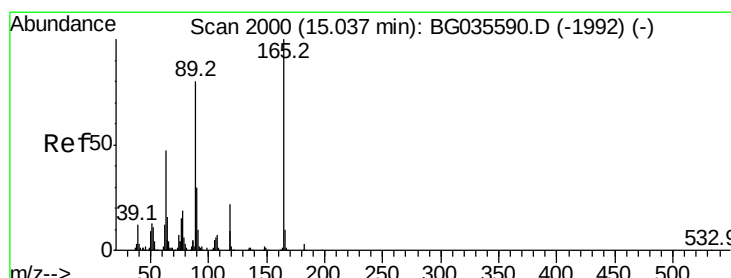
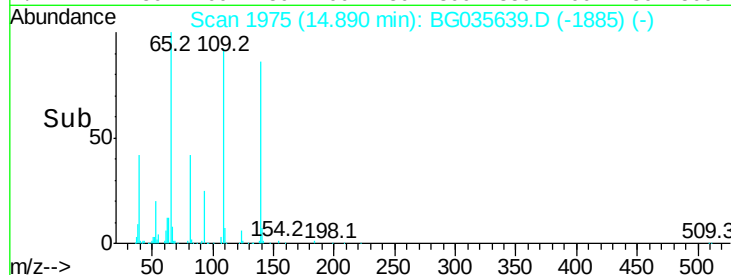
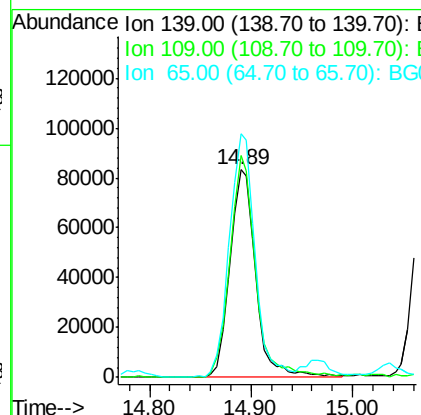
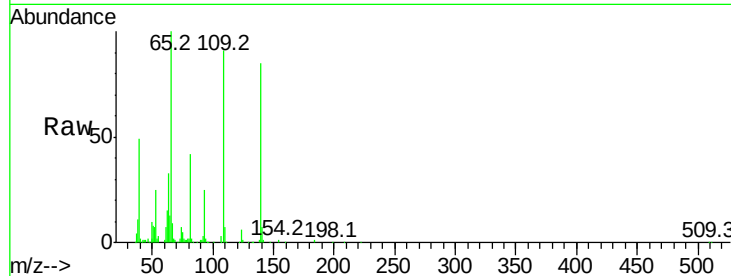
#55
4-Nitrophenol
Concen: 106.974 ng
RT: 14.89 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BG035639.D
Acq: 13 Jul 2018 21:22

Instrument :
BNA_G
ClientSampleId :
PB111092BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	106.7	62.2	102.2#	
65	117.3	97.2	137.2	

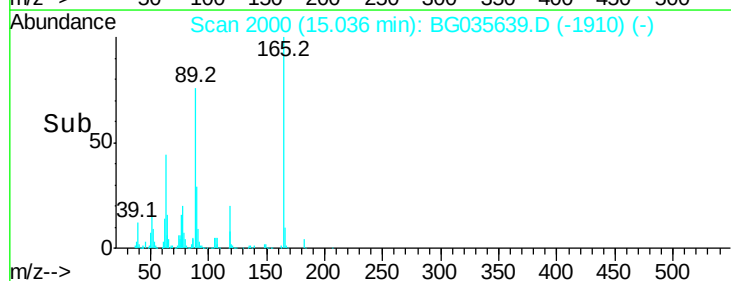
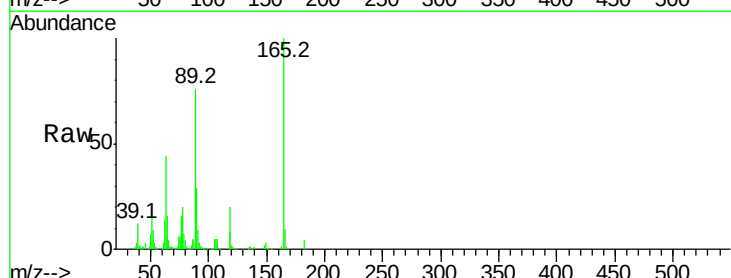
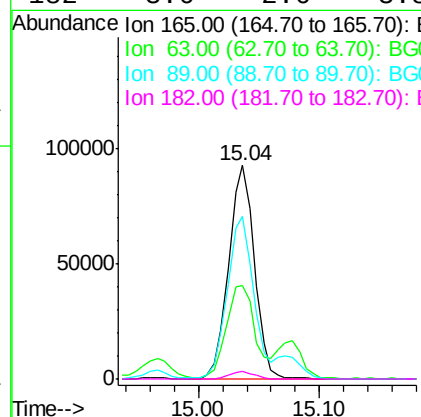
Manual Integrations
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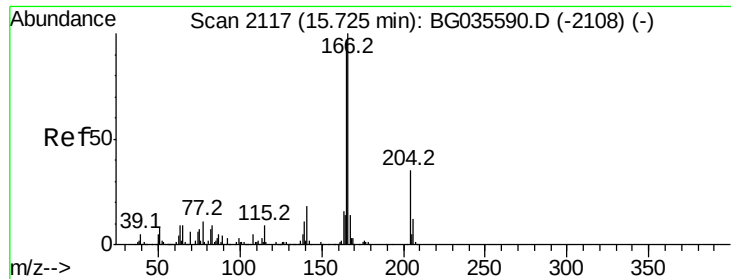
Sohil
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#56
2,4-Dinitrotoluene
Concen: 50.665 ng
RT: 15.04 min Scan# 2000
Delta R.T. -0.00 min
Lab File: BG035639.D
Acq: 13 Jul 2018 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	44.0	42.0	63.0	
89	76.2	66.9	100.3	
182	3.6	2.6	3.8	





#57

Fluorene

Concen: 45.954 ng

RT: 15.72 min Scan# 2117

Delta R.T. -0.00 min

Lab File: BG035639.D

Acq: 13 Jul 2018 21:22

Instrument :

BNA_G

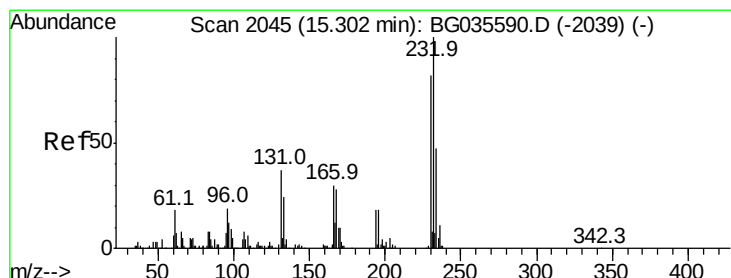
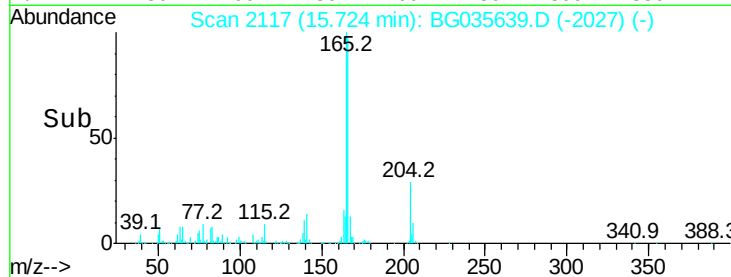
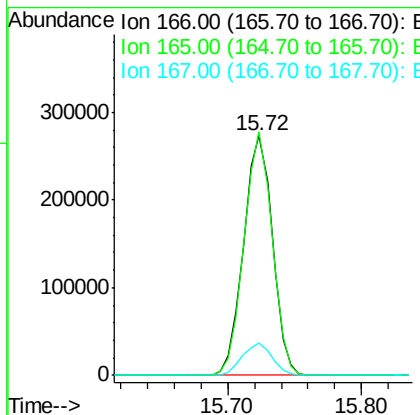
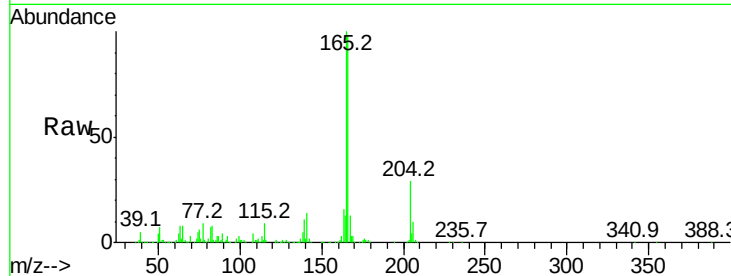
ClientSampleId :

PB111092BS

Tot Ion:	166	Resp:	407111
Ion Ratio	Lower	Upper	
166	100		
165	101.8	80.6	121.0
167	13.6	10.4	15.6

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 53.102 ng

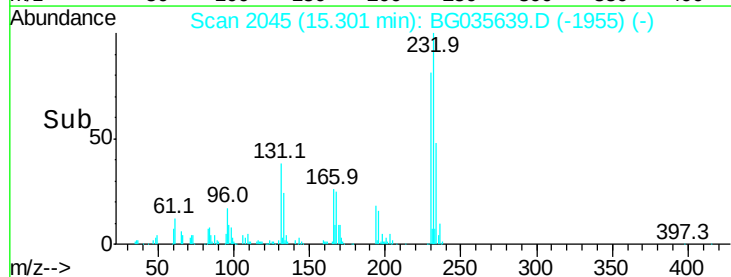
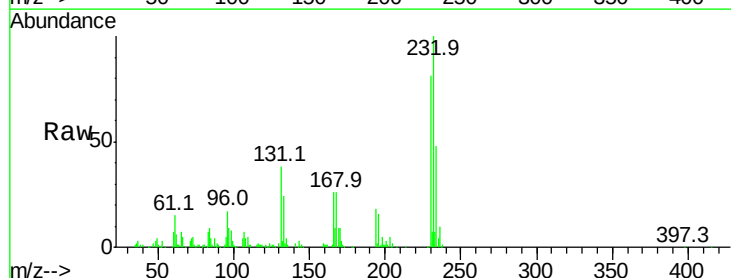
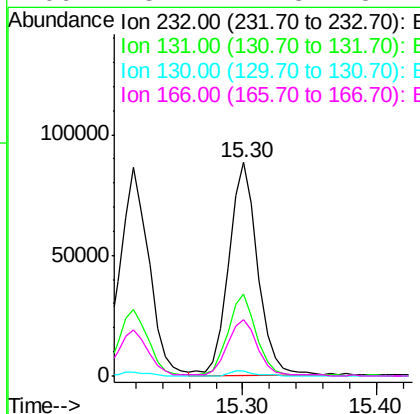
RT: 15.30 min Scan# 2045

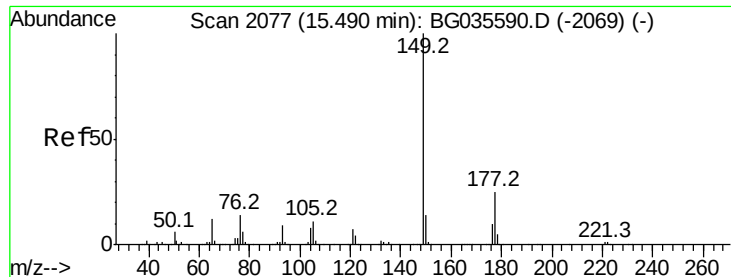
Delta R.T. -0.00 min

Lab File: BG035639.D

Acq: 13 Jul 2018 21:22

Tgt Ion:	232	Resp:	132777
Ion Ratio	Lower	Upper	
232	100		
131	38.4	33.5	50.3
130	2.3	2.2	3.2
166	28.4	24.8	37.2





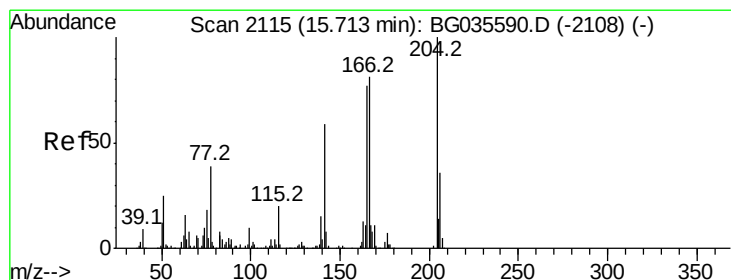
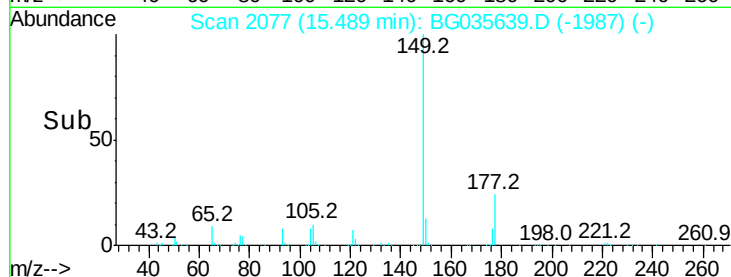
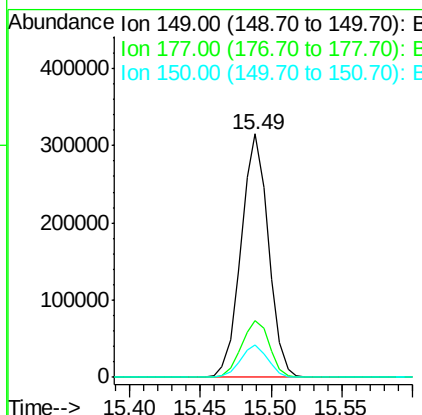
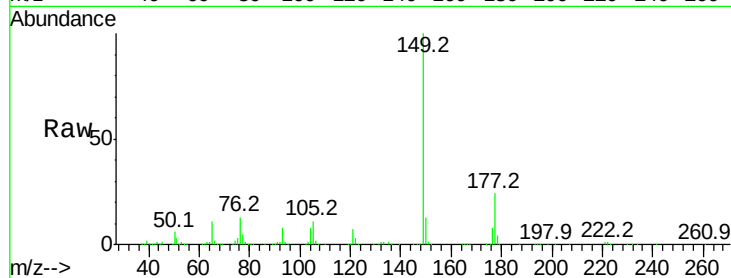
#59
Diethylphthalate
Concen: 44.686 ng
RT: 15.49 min Scan# 2077
Delta R.T. -0.00 min
Lab File: BG035639.D
Acq: 13 Jul 2018 21:22

Instrument :
BNA_G
ClientSampleId :
PB111092BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	425183		
177	23.5	18.5	27.7	
150	13.2	10.2	15.2	

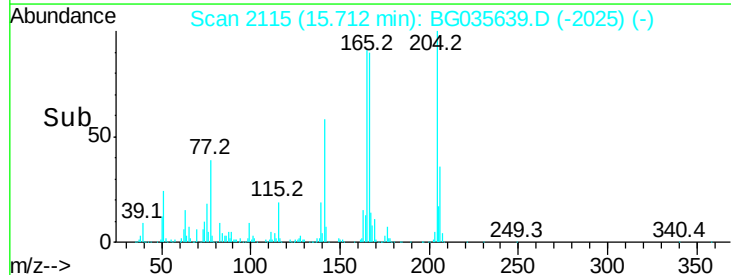
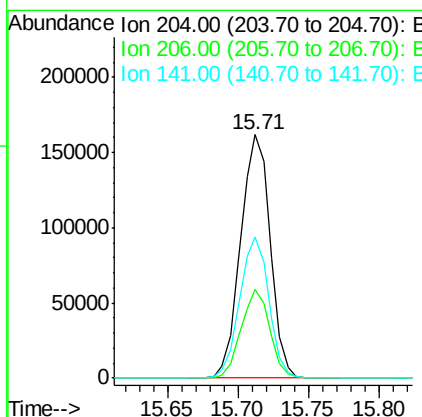
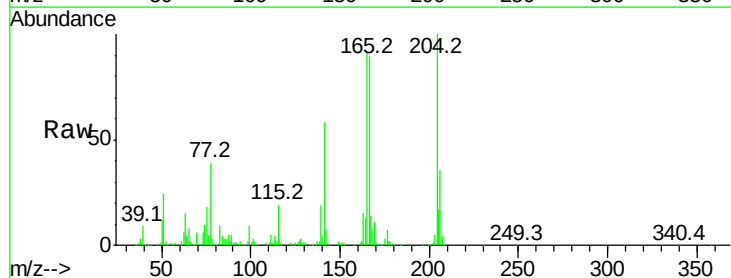
Manual Integrations
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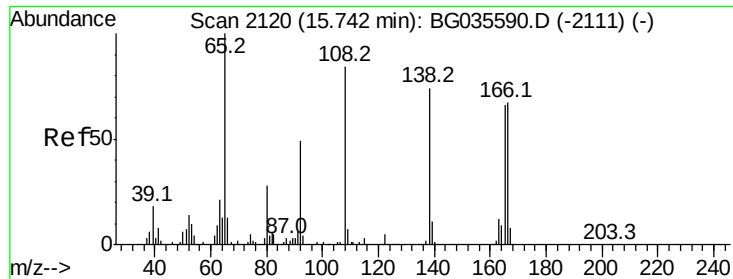
Sohil
7/16/2018 3:24:22 PM



#60
4-Chlorophenyl-phenylether
Concen: 45.487 ng
RT: 15.71 min Scan# 2115
Delta R.T. -0.00 min
Lab File: BG035639.D
Acq: 13 Jul 2018 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	236846		
206	36.4	26.2	39.2	
141	58.1	45.8	68.6	





#61

4-Nitroaniline

Concen: 47.464 ng

RT: 15.75 min Scan# 2121

Delta R.T. 0.01 min

Lab File: BG035639.D

Acq: 13 Jul 2018 21:22

Instrument :

BNA_G

ClientSampleId :

PB111092BS

Tot Ion:138 Resp: 95622

Ion Ratio Lower Upper

138 100

92 56.1 40.1 80.1

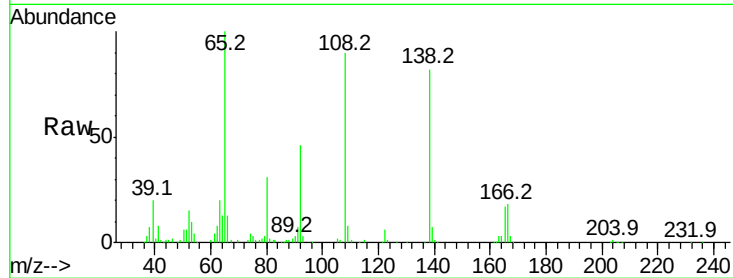
108 109.4 65.4 105.4#

Manual Integrations

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Sohil

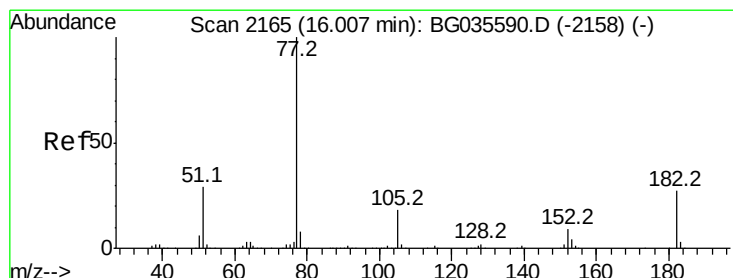
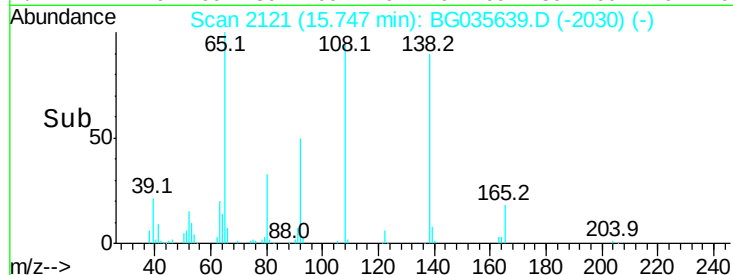
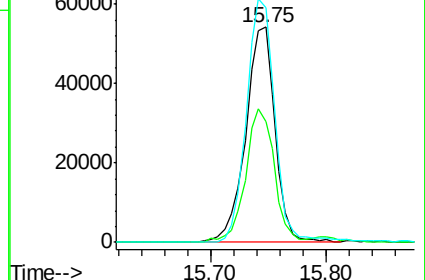
7/16/2018 3:24:22 PM



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 47.041 ng

RT: 16.01 min Scan# 2165

Delta R.T. -0.00 min

Lab File: BG035639.D

Acq: 13 Jul 2018 21:22

Tgt Ion: 77 Resp: 441498

Ion Ratio Lower Upper

77 100

182 27.3 7.4 47.4

105 17.9 0.3 40.3

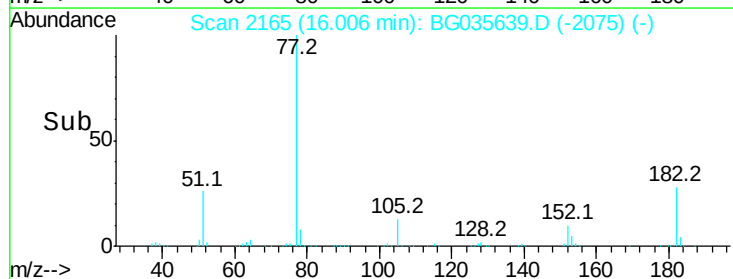
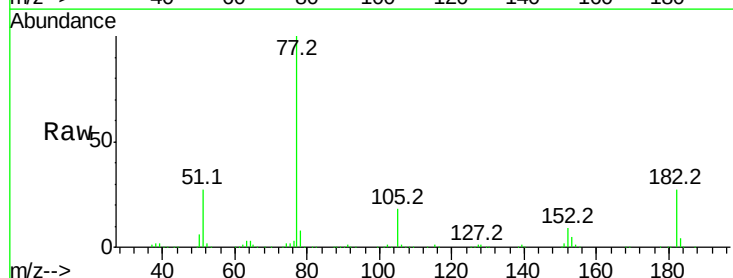
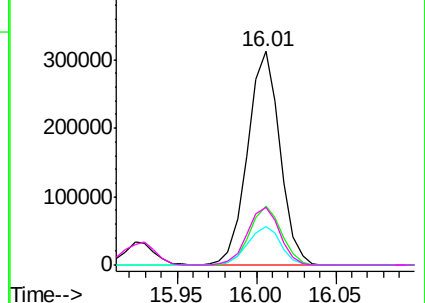
51 26.8 11.6 51.6

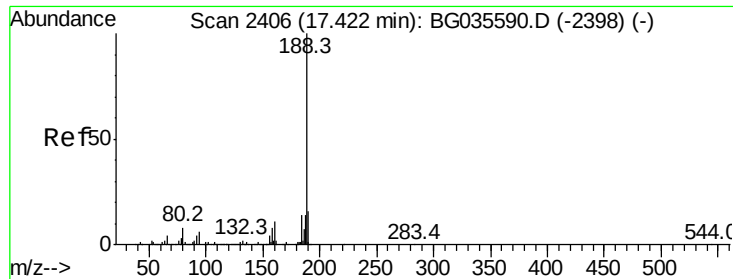
Abundance Ion 77.00 (76.70 to 77.70): BG

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BG





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2406

Delta R.T. -0.00 min

Lab File: BG035639.D

Acq: 13 Jul 2018 21:22

Instrument :

BNA_G

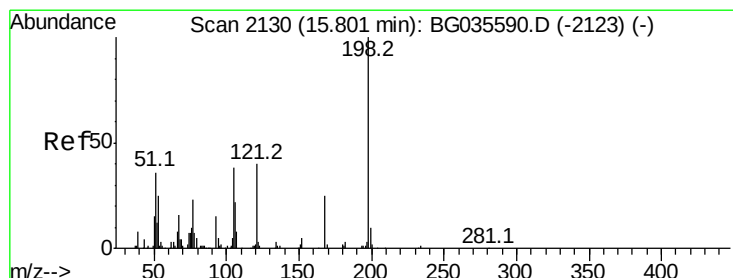
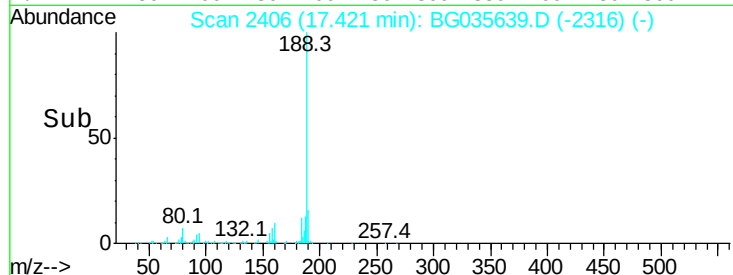
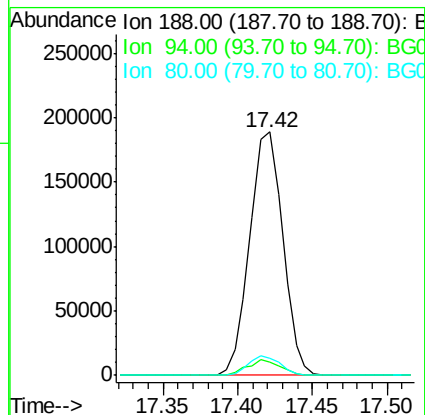
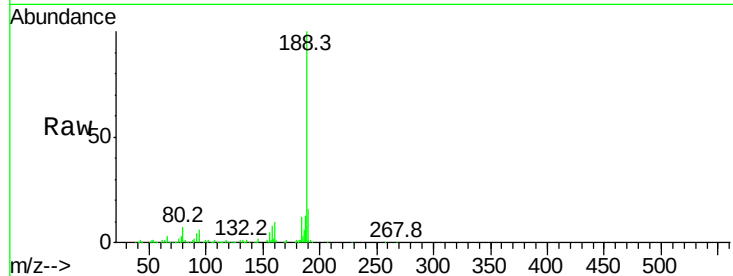
ClientSampleId :

PB111092BS

Tot Ion:	188	Resp:	290208
Ion Ratio	Lower	Upper	
188	100		
94	5.7	6.9	10.3#
80	7.0	7.7	11.5#

Manual Integrations
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Sohil
7/16/2018 3:24:22 PM



#64

4,6-Dinitro-2-methylphenol

Concen: 45.797 ng

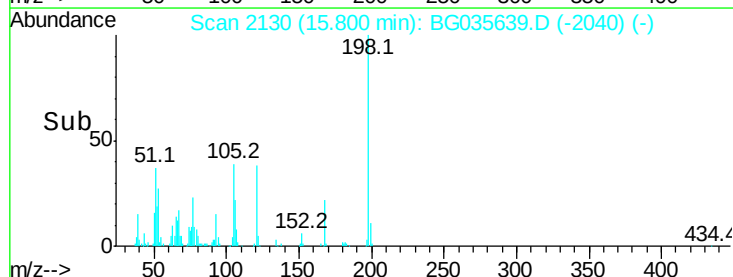
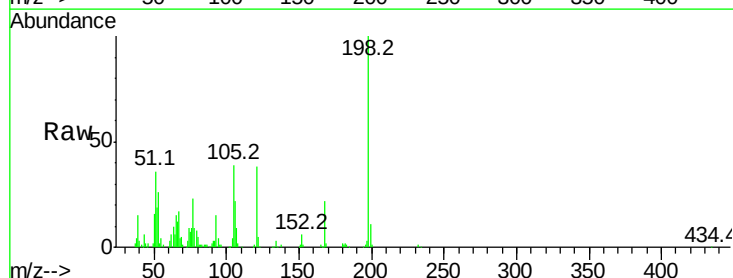
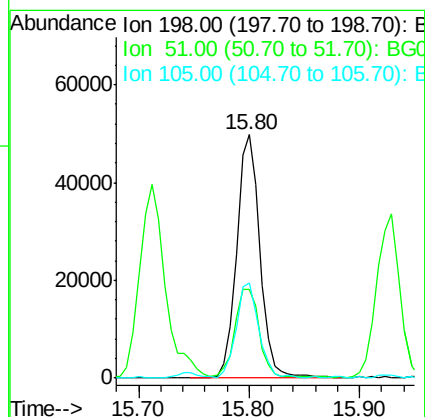
RT: 15.80 min Scan# 2130

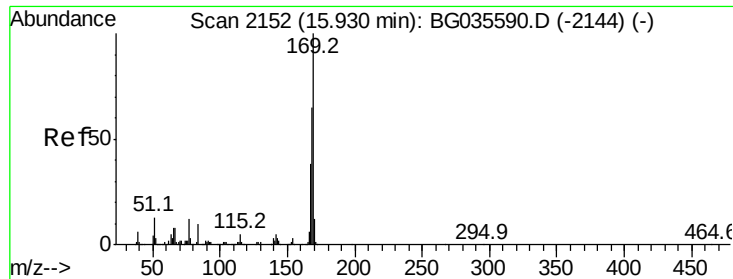
Delta R.T. -0.00 min

Lab File: BG035639.D

Acq: 13 Jul 2018 21:22

Tgt Ion:	198	Resp:	73984
Ion Ratio	Lower	Upper	
198	100		
51	36.4	30.6	70.6
105	39.3	23.8	63.8





#65

n-Nitrosodiphenylamine

Concen: 44.843 ng

RT: 15.93 min Scan# 2152

Delta R.T. -0.00 min

Lab File: BG035639.D

Acq: 13 Jul 2018 21:22

Instrument :

BNA_G

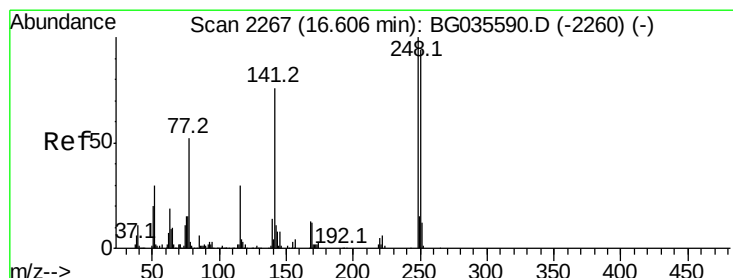
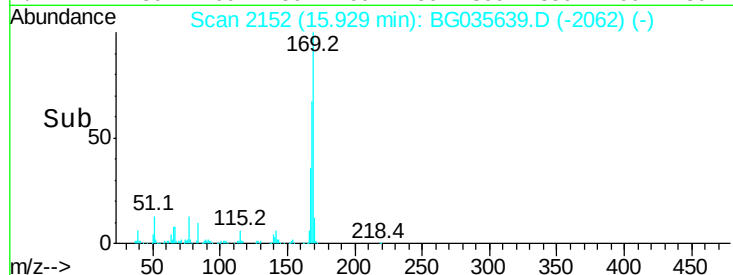
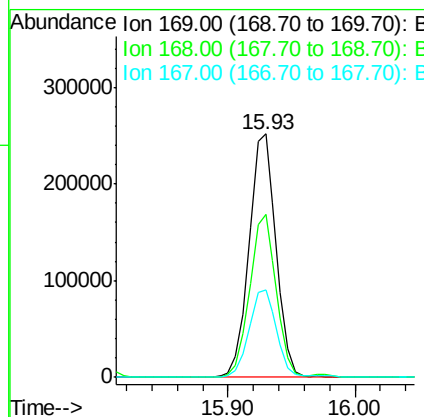
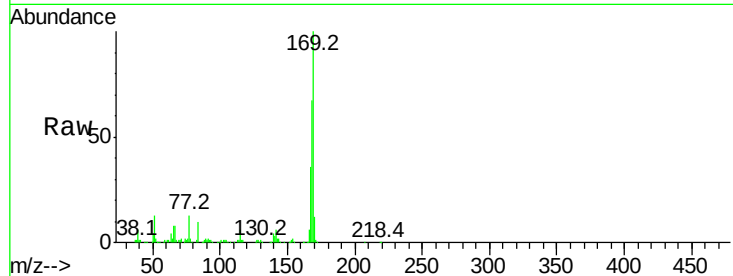
ClientSampleId :

PB111092BS

Tot Ion:	169	Resp:	370417
Ion Ratio	Lower	Upper	
169	100		
168	66.9	55.7	83.5
167	36.2	30.1	45.1

Manual Integrations
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Sohil
7/16/2018 3:24:22 PM



#66

4-Bromophenyl-phenylether

Concen: 46.885 ng

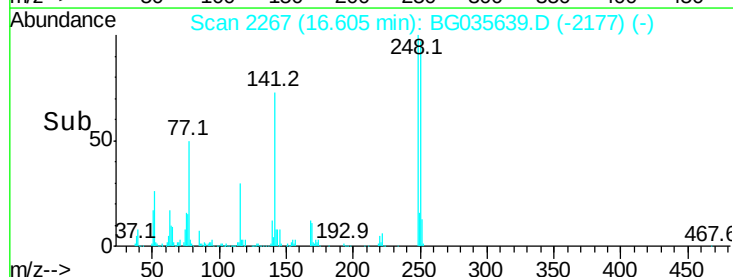
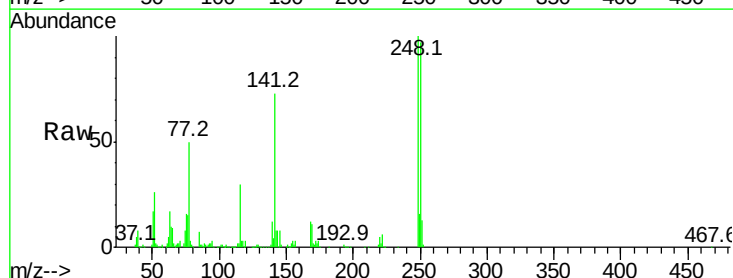
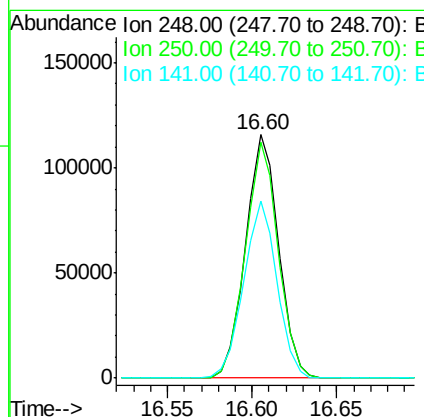
RT: 16.60 min Scan# 2267

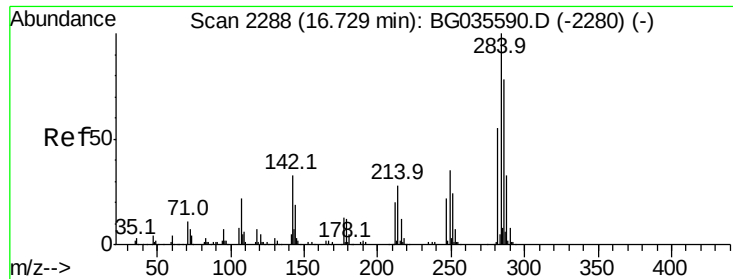
Delta R.T. -0.00 min

Lab File: BG035639.D

Acq: 13 Jul 2018 21:22

Tgt Ion:	248	Resp:	157856
Ion Ratio	Lower	Upper	
248	100		
250	96.9	77.1	115.7
141	72.9	50.8	76.2





#67

Hexachlorobenzene

Concen: 46.671 ng

RT: 16.73 min Scan# 2288

Delta R.T. -0.00 min

Lab File: BG035639.D

Acq: 13 Jul 2018 21:22

Instrument :

BNA_G

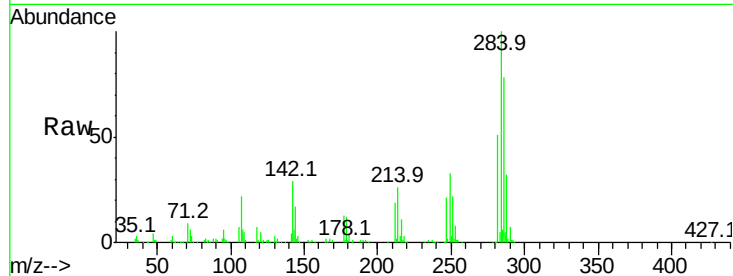
ClientSampleId :

PB111092BS

Tot Ion:	284	Resp:	161822
Ion Ratio	Lower	Upper	
284	100		
142	29.0	26.8	40.2
249	32.8	26.3	39.5

Manual Integrations
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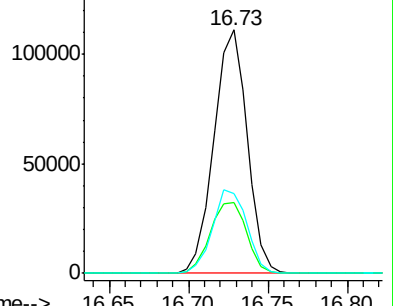
Sohil
7/16/2018 3:24:22 PM



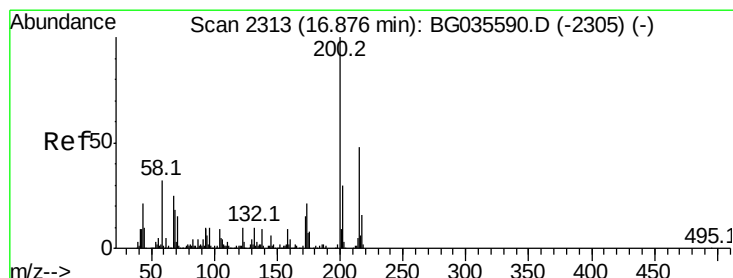
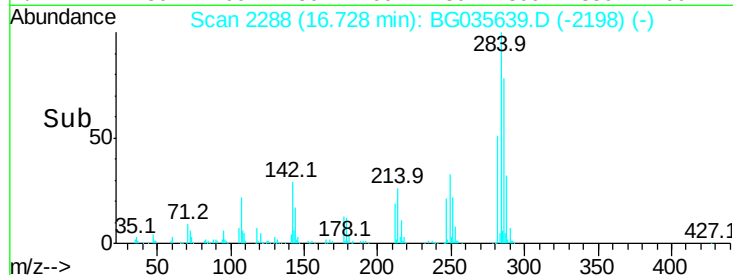
Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



Time-->



#68

Atrazine

Concen: 48.830 ng

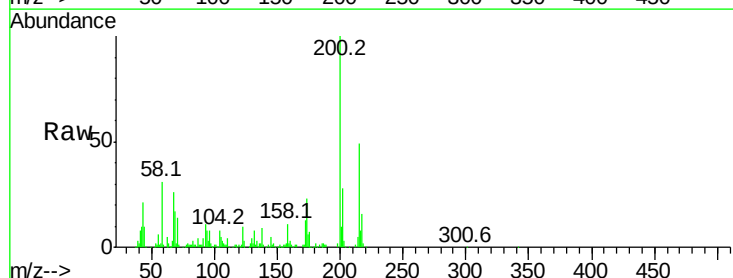
RT: 16.88 min Scan# 2313

Delta R.T. -0.00 min

Lab File: BG035639.D

Acq: 13 Jul 2018 21:22

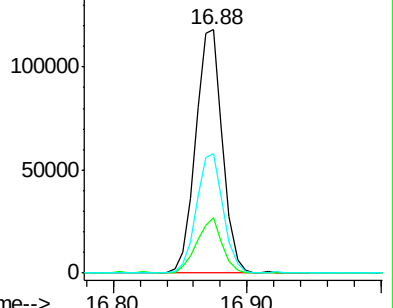
Tgt Ion:	200	Resp:	166075
Ion Ratio	Lower	Upper	
200	100		
173	22.8	5.2	45.2
215	49.1	30.4	70.4



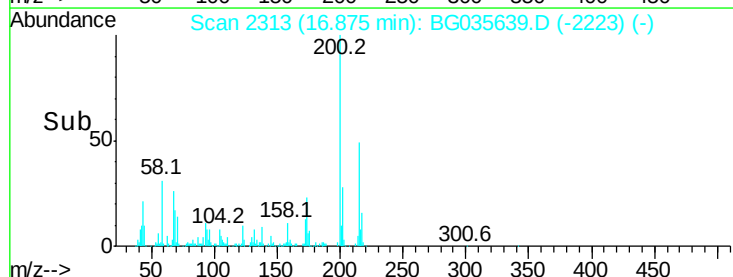
Abundance Ion 200.00 (199.70 to 200.70): E

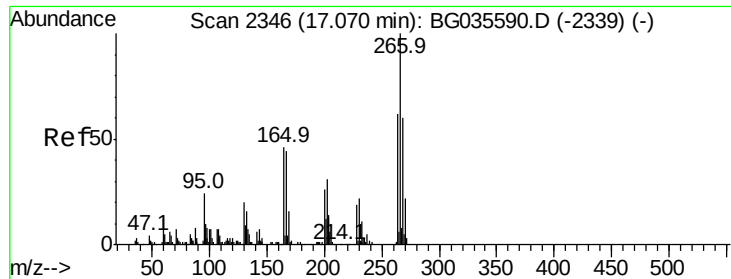
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



Time-->





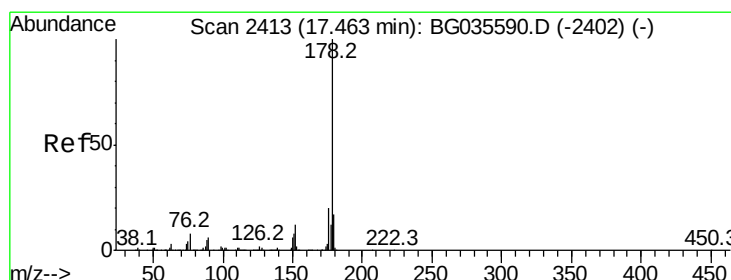
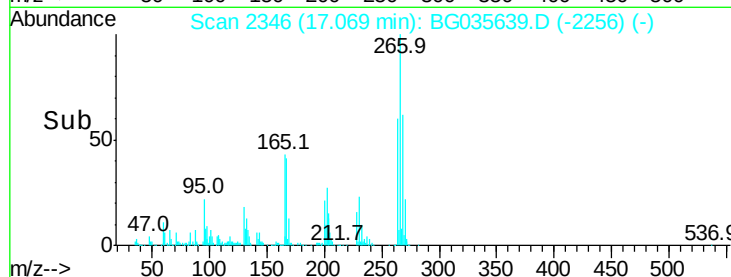
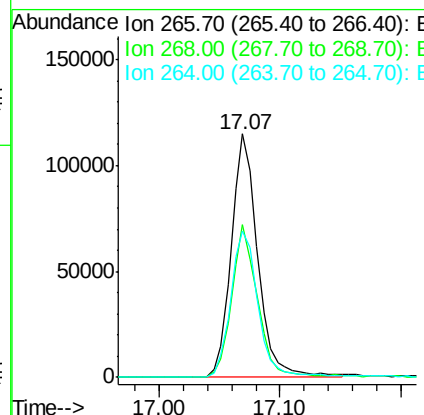
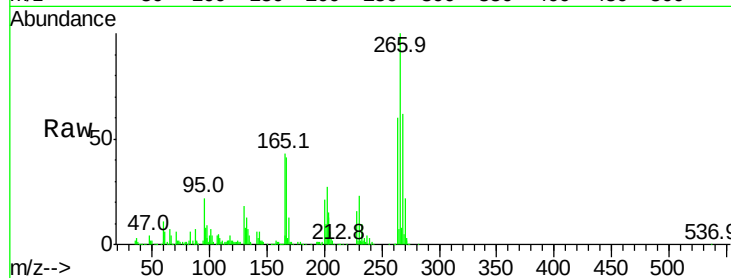
#69
 Pentachlorophenol
 Concen: 82.864 ng
 RT: 17.07 min Scan# 2346
 Delta R.T. -0.00 min
 Lab File: BG035639.D
 Acq: 13 Jul 2018 21:22

Instrument :
 BNA_G
 ClientSampleId :
 PB111092BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.5	51.1	76.7
264	60.3	49.6	74.4

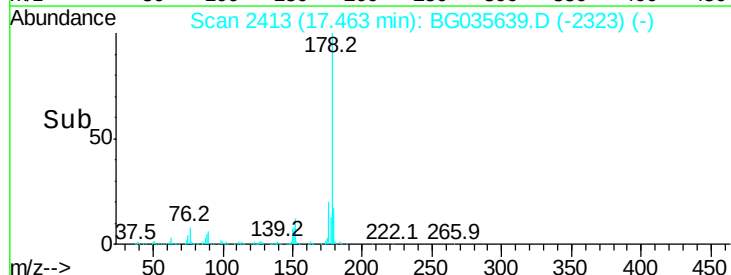
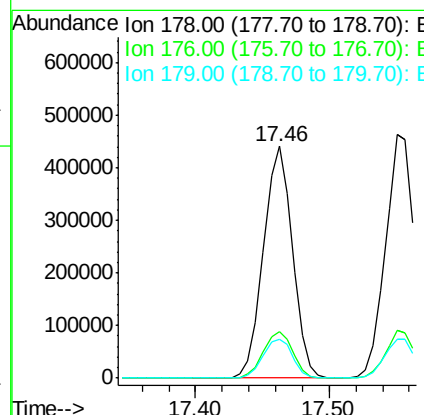
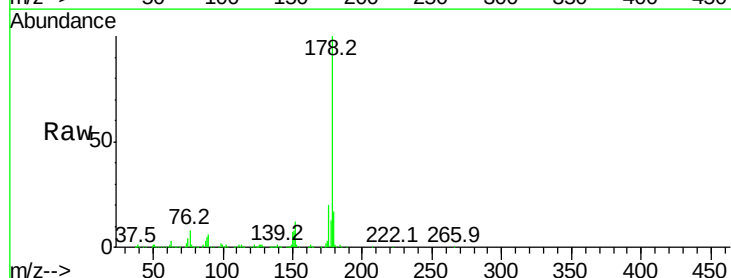
Manual Integrations
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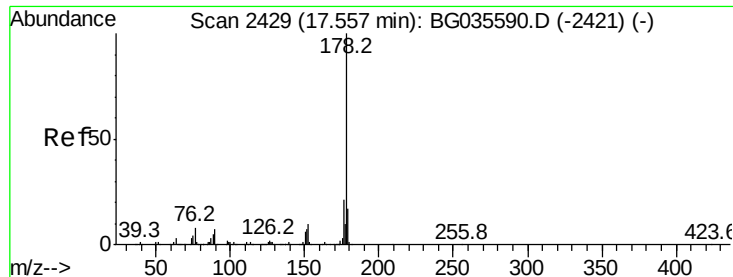
Sohil
 7/16/2018 3:24:22 PM



#70
 Phenanthrene
 Concen: 45.704 ng
 RT: 17.46 min Scan# 2413
 Delta R.T. -0.00 min
 Lab File: BG035639.D
 Acq: 13 Jul 2018 21:22

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.7	23.5
179	17.0	12.5	18.7





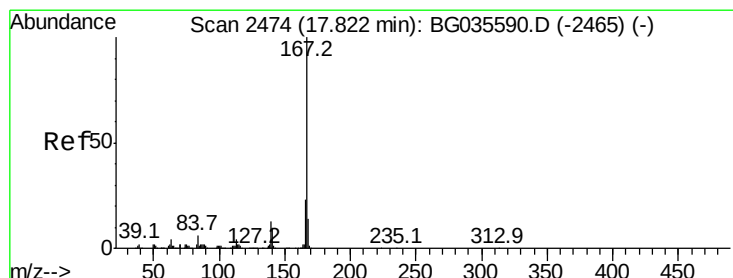
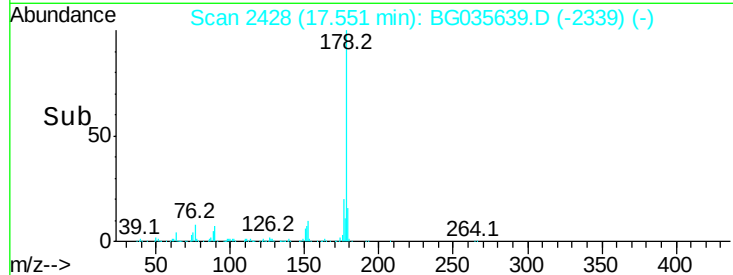
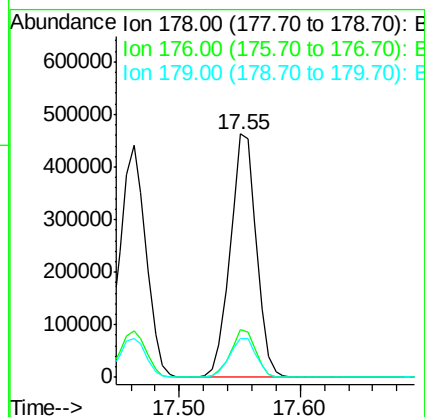
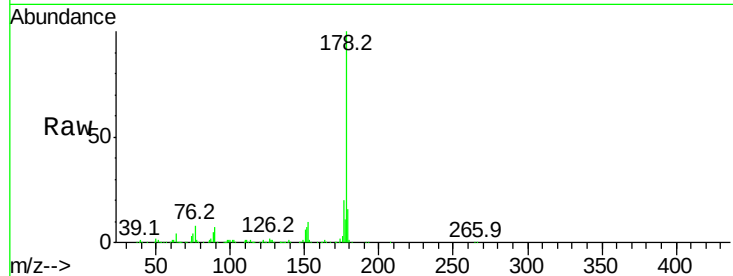
#71
 Anthracene
 Concen: 48.027 ng
 RT: 17.55 min Scan# 2428
 Delta R.T. -0.01 min
 Lab File: BG035639.D
 Acq: 13 Jul 2018 21:22

Instrument :
 BNA_G
 ClientSampleId :
 PB111092BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.0	24.0
179	16.2	12.5	18.7

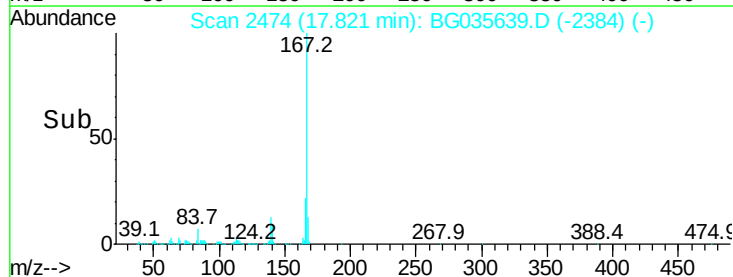
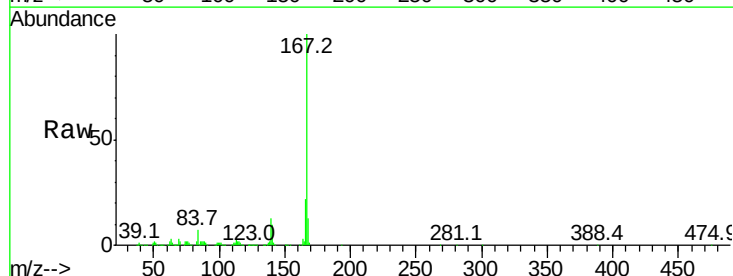
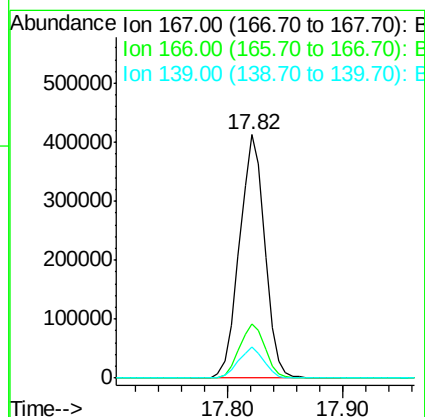
Manual Integrations
 APPROVED

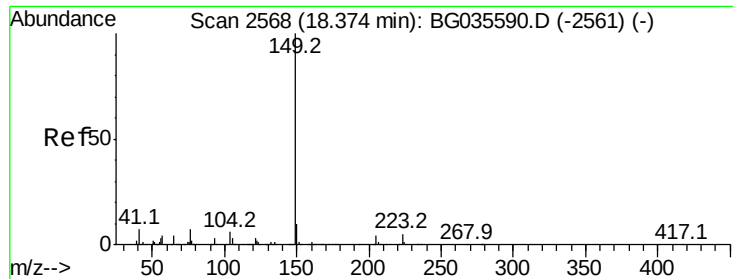
Sohil
 7/16/2018 3:24:22 PM



#72
 Carbazole
 Concen: 45.706 ng
 RT: 17.82 min Scan# 2474
 Delta R.T. -0.00 min
 Lab File: BG035639.D
 Acq: 13 Jul 2018 21:22

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.2	27.4
139	12.9	9.4	14.2





#73

Di-n-butylphthalate

Concen: 43.933 ng

RT: 18.37 min Scan# 2568

Delta R.T. -0.00 min

Lab File: BG035639.D

Acq: 13 Jul 2018 21:22

Instrument :

BNA_G

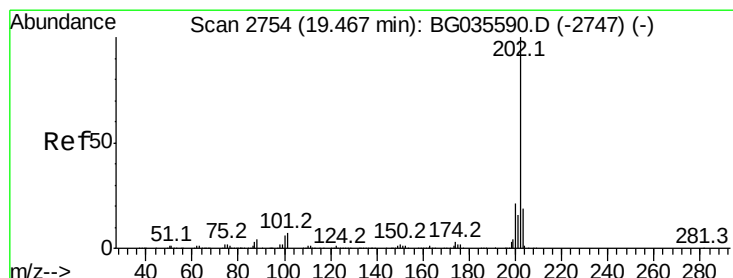
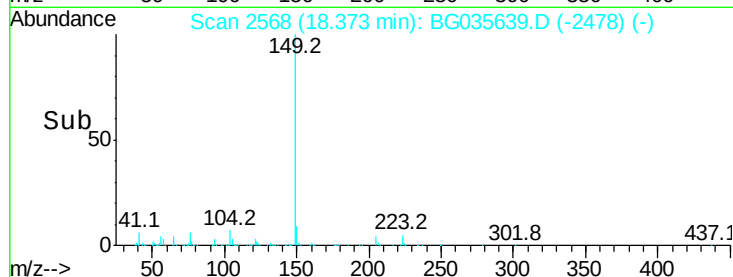
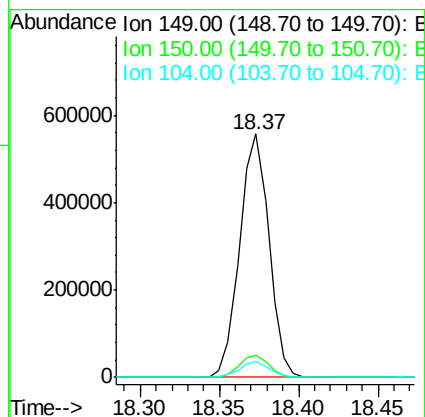
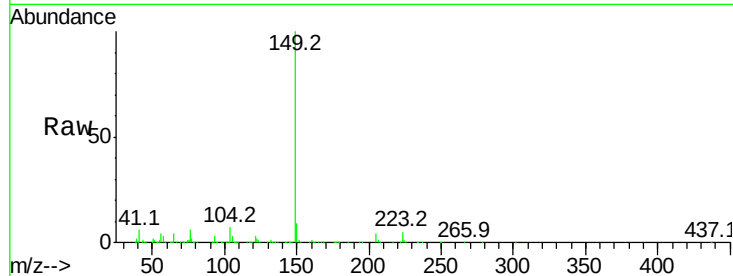
ClientSampleId :

PB111092BS

Tot Ion:	149	Resp:	710920
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.8	11.6
104	6.6	3.9	5.9#

Manual Integrations
APPROVED

Sohil
7/16/2018 3:24:22 PM



#74

Fluoranthene

Concen: 44.487 ng

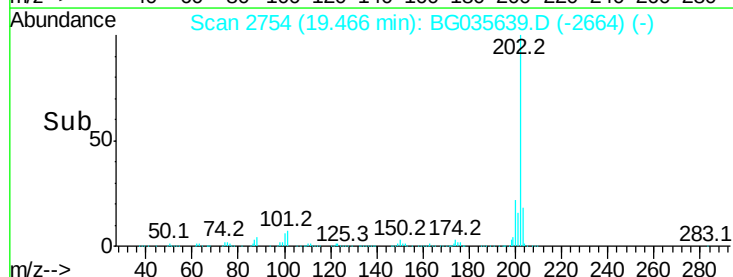
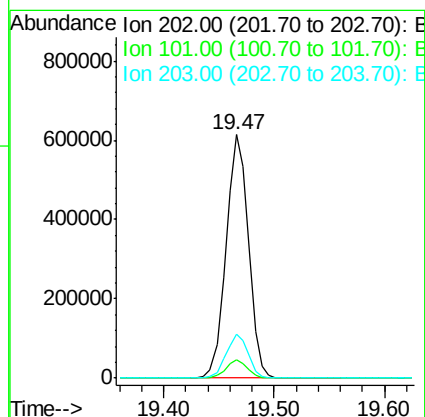
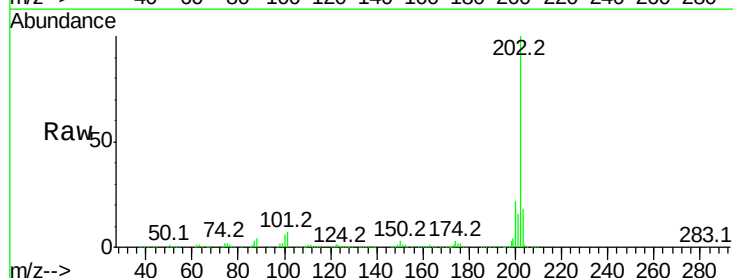
RT: 19.47 min Scan# 2754

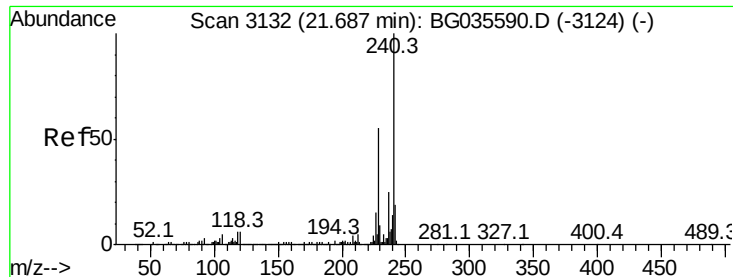
Delta R.T. -0.00 min

Lab File: BG035639.D

Acq: 13 Jul 2018 21:22

Tgt Ion:	202	Resp:	867751
Ion Ratio	Lower	Upper	
202	100		
101	7.4	0.0	28.9
203	18.2	0.0	37.5





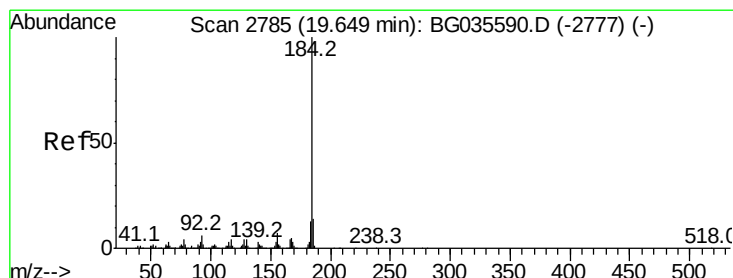
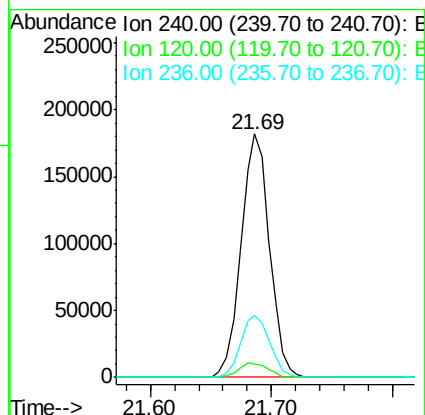
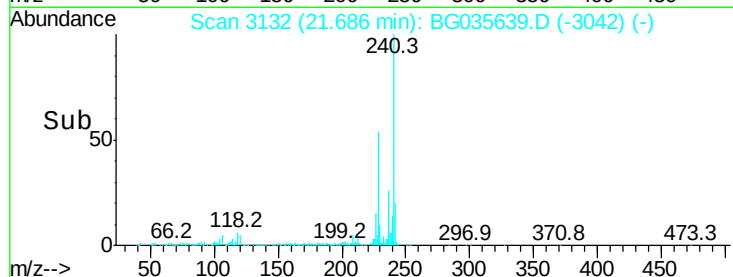
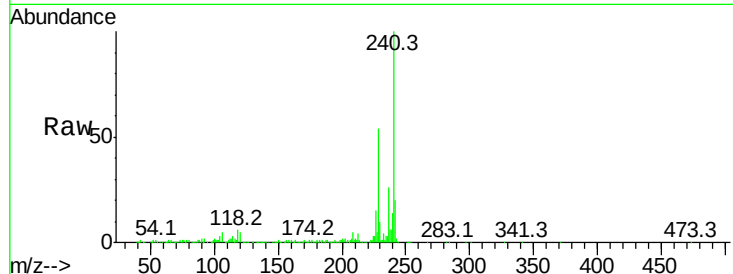
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3132
Delta R.T. -0.00 min
Lab File: BG035639.D
Acq: 13 Jul 2018 21:22

Instrument :
BNA_G
ClientSampleId :
PB111092BS

Tot Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	5.4	6.8	10.2#
236	25.6	20.9	31.3

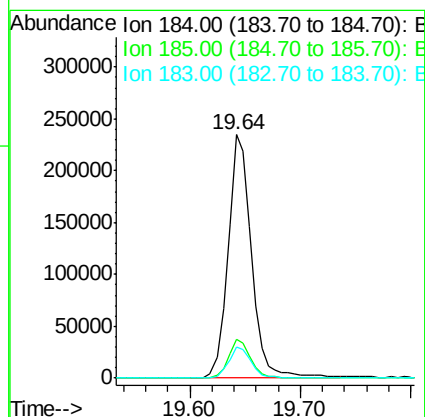
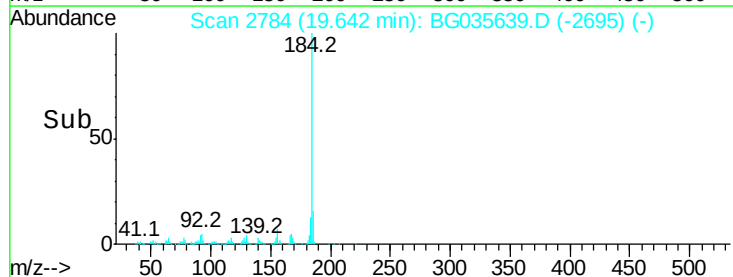
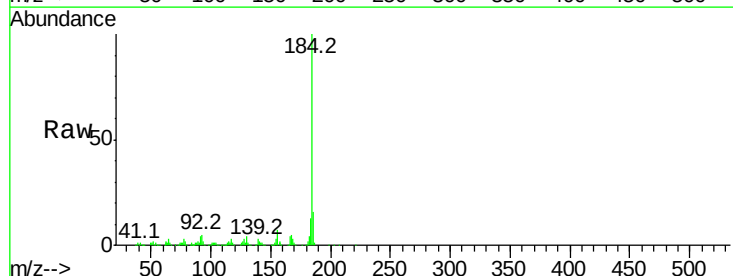
Manual Integrations
APPROVED

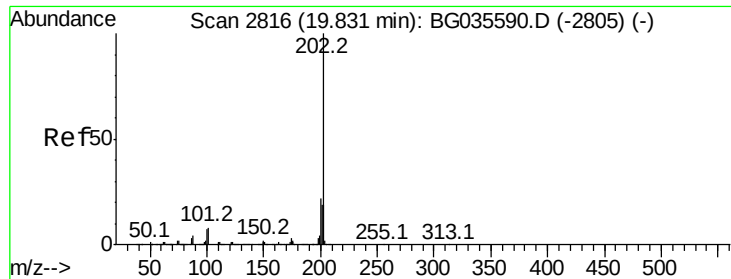
Sohil
7/16/2018 3:24:22 PM



#76
Benzidine
Concen: 44.565 ng
RT: 19.64 min Scan# 2784
Delta R.T. -0.01 min
Lab File: BG035639.D
Acq: 13 Jul 2018 21:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
184	100		
185	15.7	11.1	16.7
183	12.9	10.6	16.0





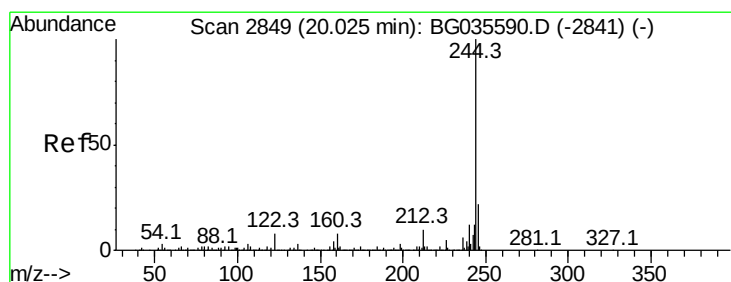
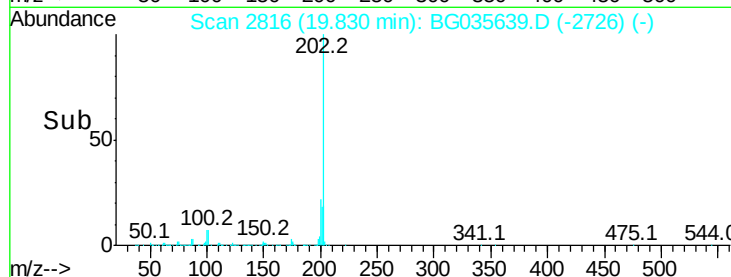
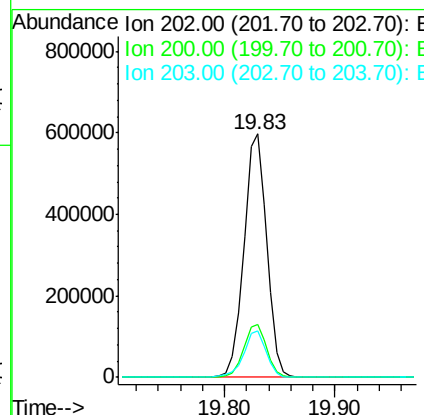
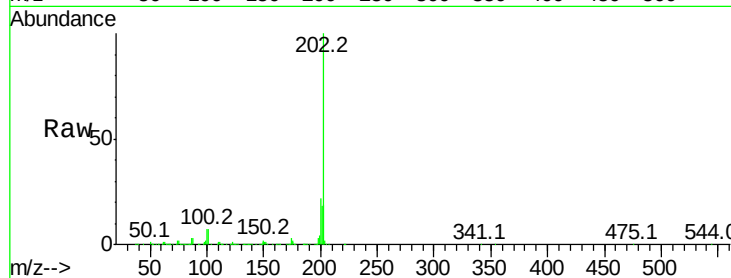
#77
Pvrene
Concen: 45.991 ng
RT: 19.83 min Scan# 2816
Delta R.T. -0.00 min
Lab File: BG035639.D
Acq: 13 Jul 2018 21:22

Instrument :
BNA_G
ClientSampleId :
PB111092BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.9	16.9	25.3
203	19.1	13.9	20.9

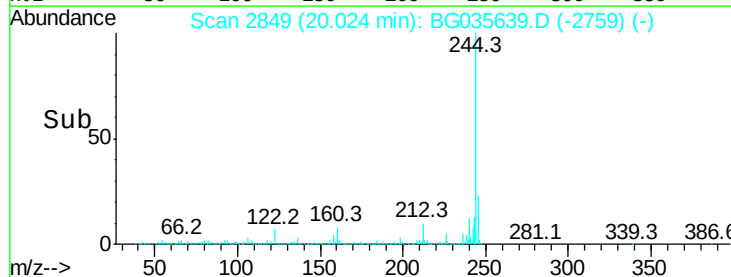
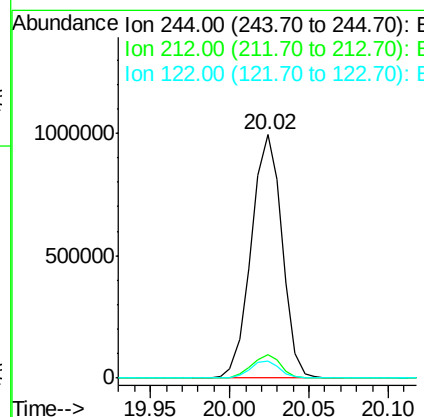
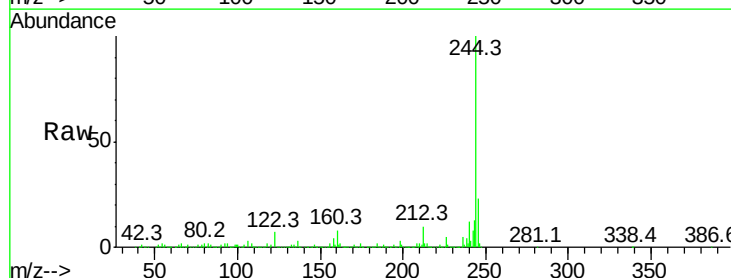
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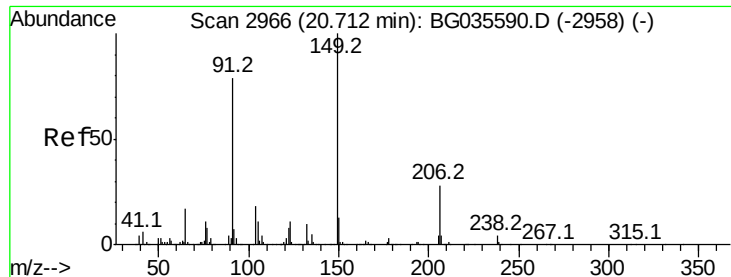
Sohil
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#78
Terphenyl-d14
Concen: 99.449 ng
RT: 20.02 min Scan# 2849
Delta R.T. -0.00 min
Lab File: BG035639.D
Acq: 13 Jul 2018 21:22

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	9.8	5.8	8.8#
122	7.2	7.0	10.4





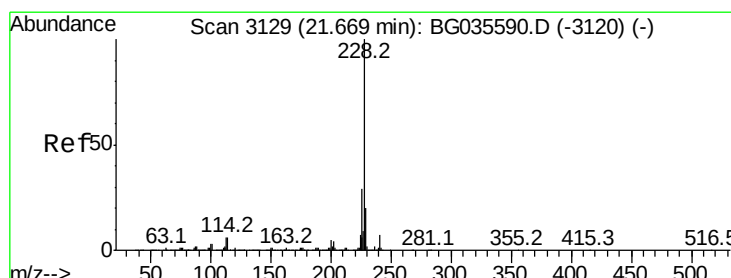
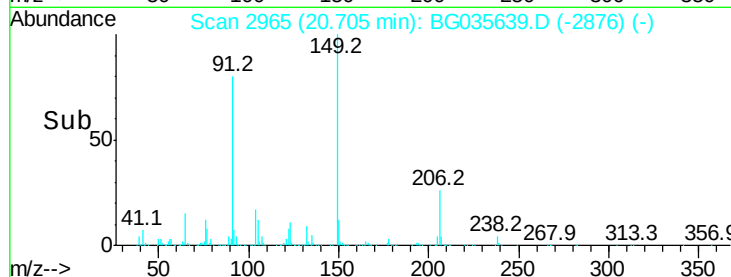
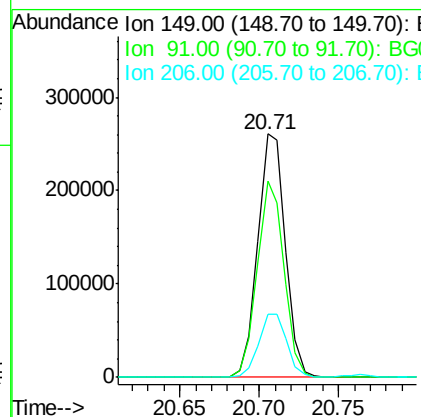
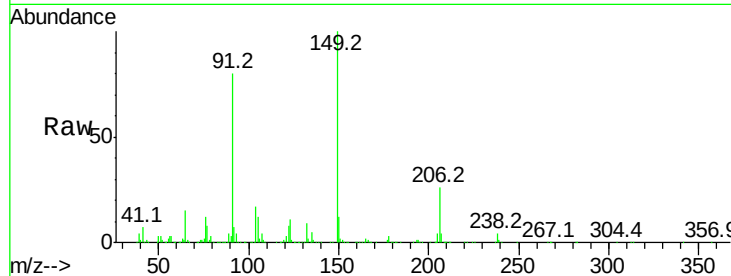
#79
Butylbenzylphthalate
Concen: 46.798 ng
RT: 20.71 min Scan# 2965
Delta R.T. -0.01 min
Lab File: BG035639.D
Acq: 13 Jul 2018 21:22

Instrument :
BNA_G
ClientSampleId :
PB111092BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	315133		
91	80.4	62.2	93.2	
206	25.7	18.6	27.8	

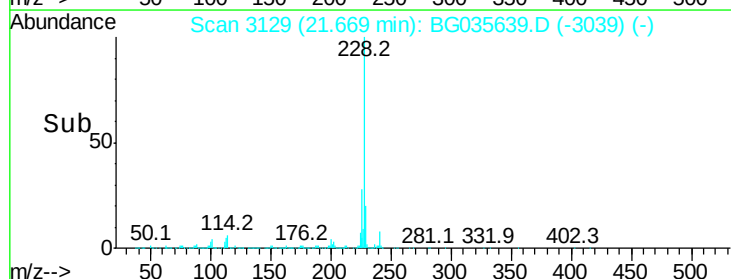
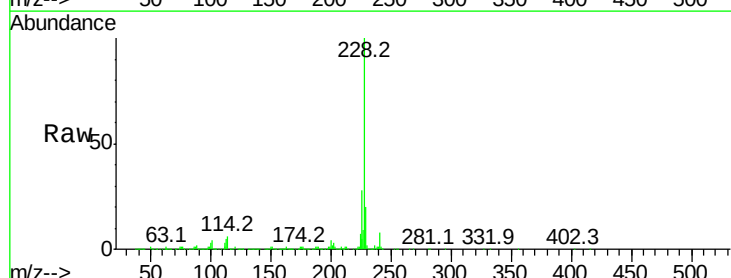
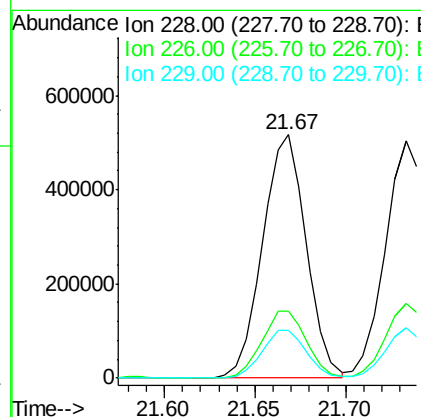
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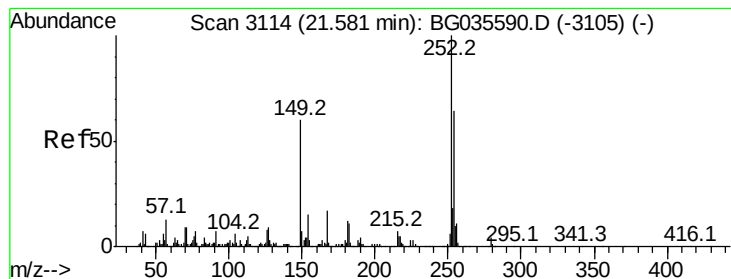
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#80
Benzo(a)anthracene
Concen: 46.733 ng
RT: 21.67 min Scan# 3129
Delta R.T. -0.00 min
Lab File: BG035639.D
Acq: 13 Jul 2018 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	867293		
226	27.6	22.7	34.1	
229	19.8	16.2	24.2	





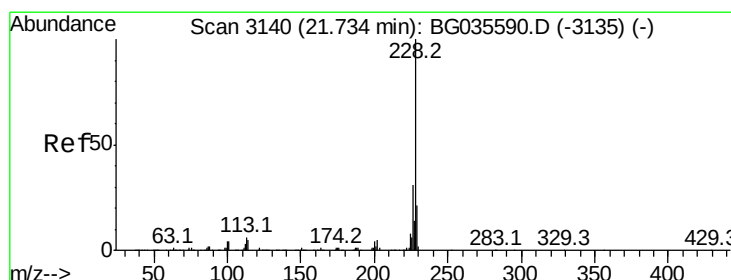
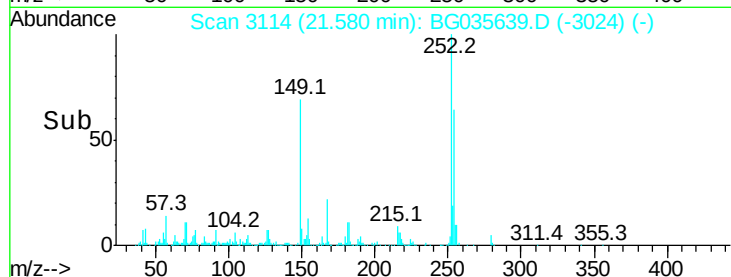
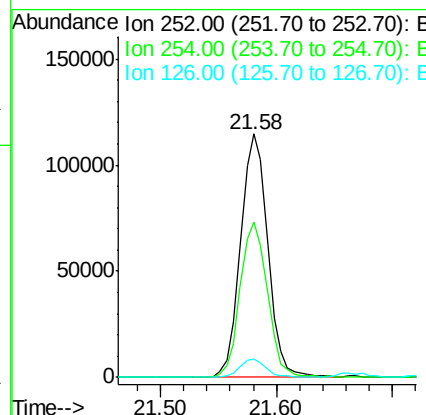
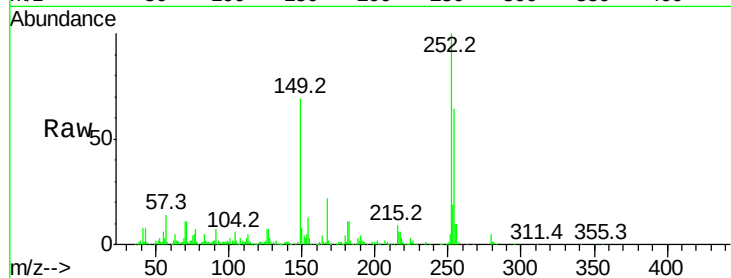
#81
 3,3'-Dichlorobenzidine
 Concen: 28.876 ng
 RT: 21.58 min Scan# 3114
 Delta R.T. -0.00 min
 Lab File: BG035639.D
 Acq: 13 Jul 2018 21:22

Instrument :
 BNA_G
 ClientSampleId :
 PB111092BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	186854		
254	63.7	50.8	76.2	
126	7.4	7.4	11.2	

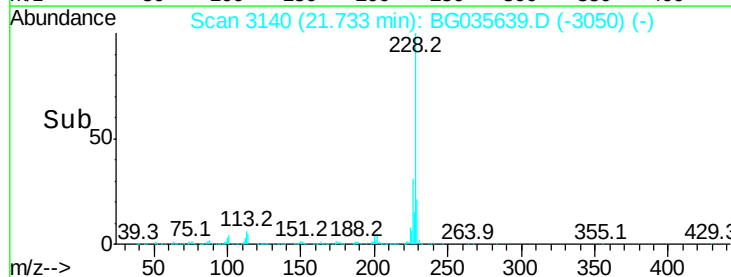
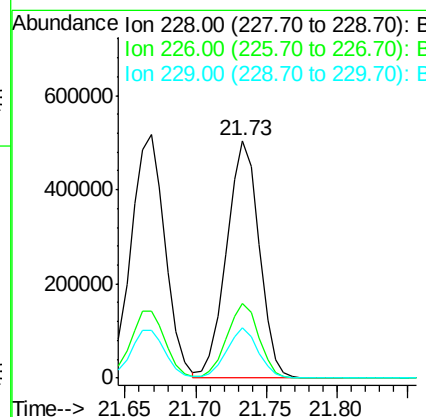
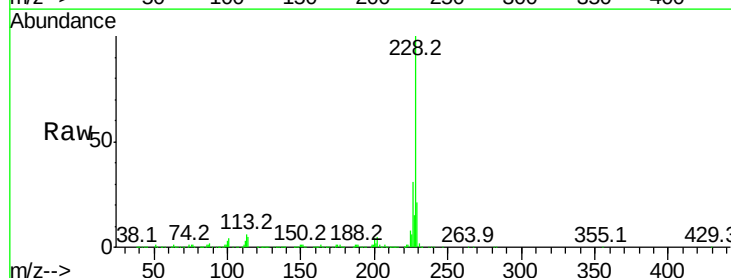
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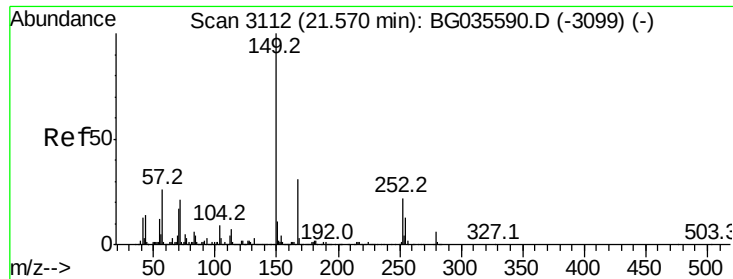
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#82
 Chrysene
 Concen: 47.077 ng
 RT: 21.73 min Scan# 3140
 Delta R.T. -0.00 min
 Lab File: BG035639.D
 Acq: 13 Jul 2018 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	809618		
226	31.4	24.9	37.3	
229	21.4	15.0	22.4	





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.107 ng

RT: 21.56 min Scan# 3111

Delta R.T. -0.01 min

Lab File: BG035639.D

Acq: 13 Jul 2018 21:22

Instrument :

BNA_G

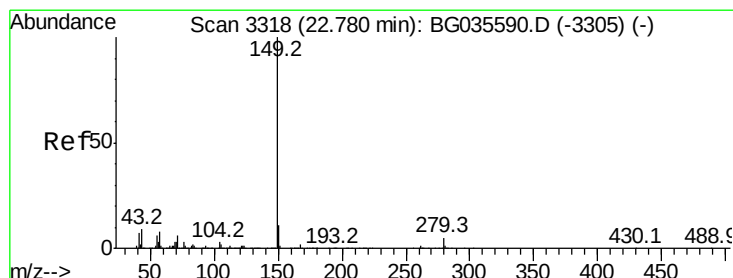
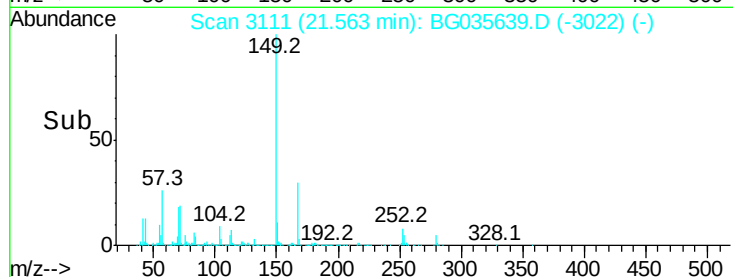
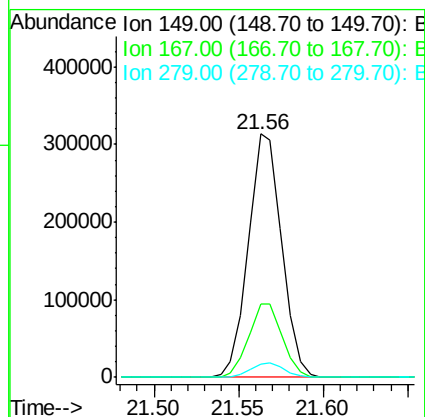
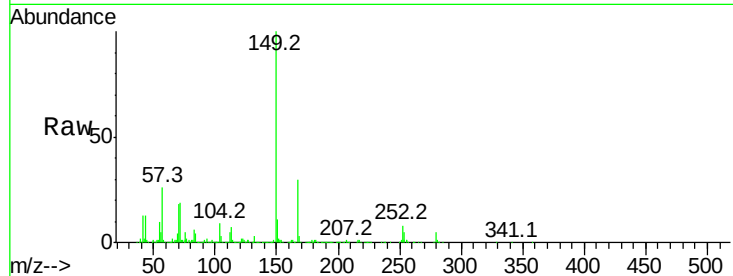
ClientSampleId :

PB111092BS

Tot Ion:	149	Resp:	431257
Ion Ratio	Lower	Upper	
149	100		
167	30.2	24.3	36.5
279	5.4	4.0	6.0

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 47.486 ng

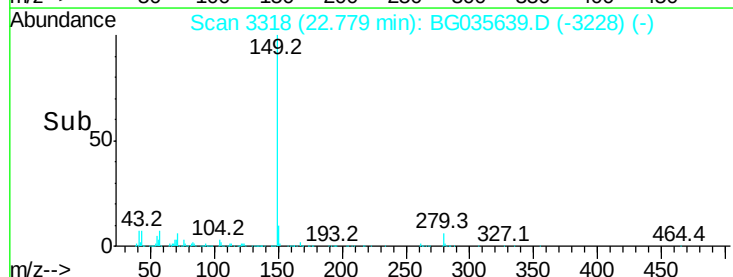
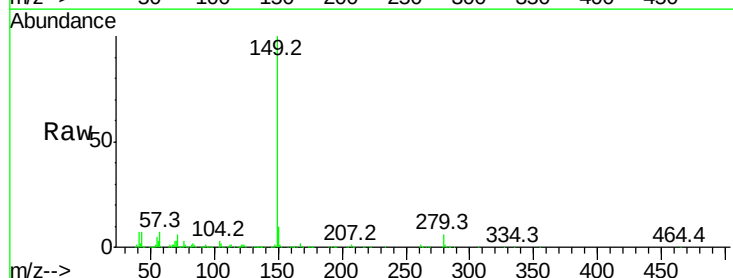
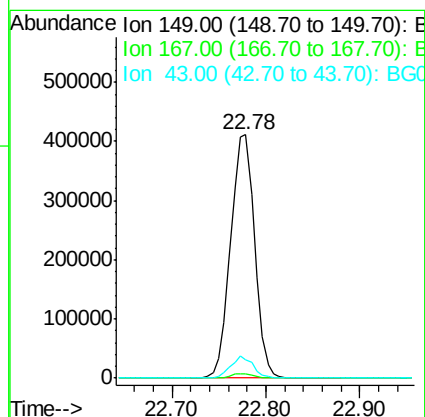
RT: 22.78 min Scan# 3318

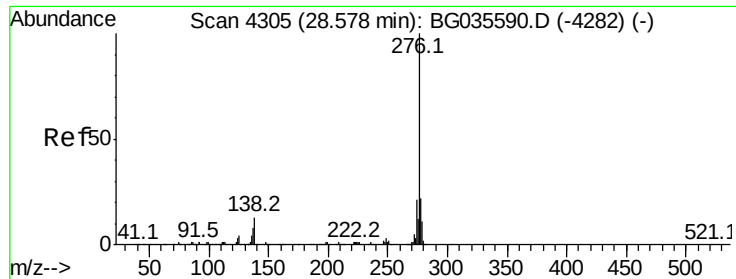
Delta R.T. -0.00 min

Lab File: BG035639.D

Acq: 13 Jul 2018 21:22

Tgt Ion:	149	Resp:	727894
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.4	2.0
43	8.5	8.9	13.3#





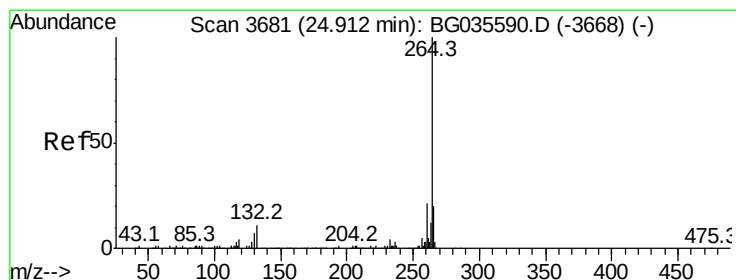
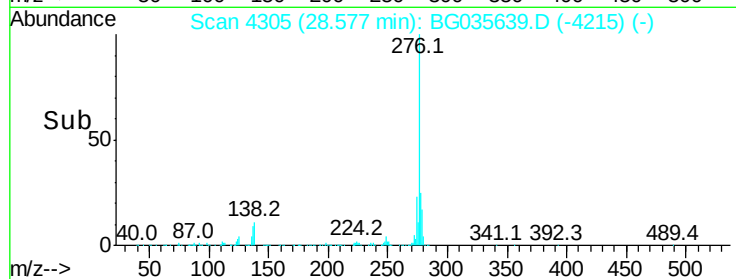
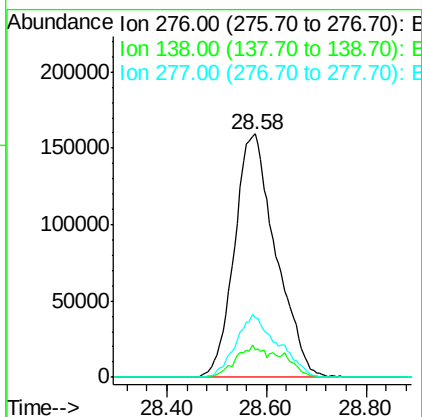
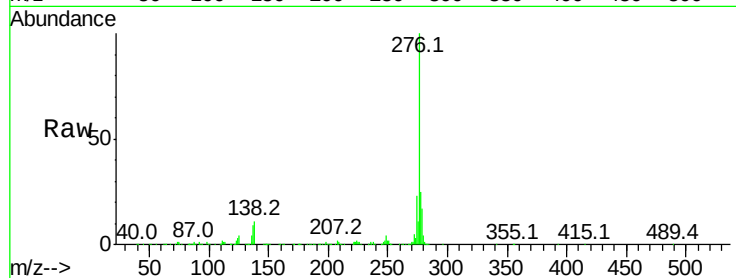
#85
Indeno(1,2,3-cd)pyrene
Concen: 48.269 ng
RT: 28.58 min Scan# 4305
Delta R.T. -0.00 min
Lab File: BG035639.D
Acq: 13 Jul 2018 21:22

Instrument :
BNA_G
ClientSampleId :
PB111092BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	8.9	16.0	24.0#
277	26.3	20.0	30.0

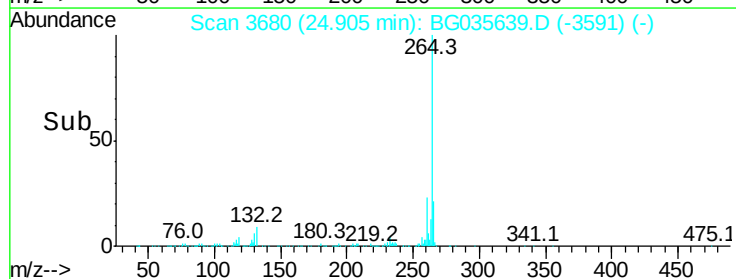
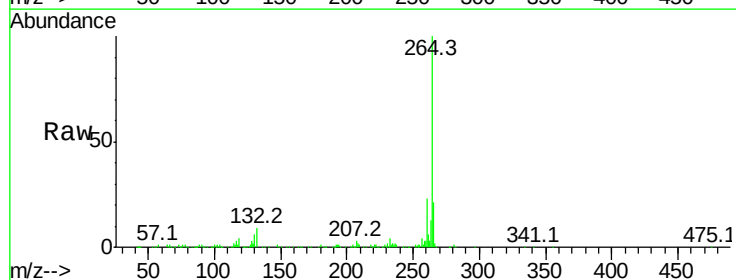
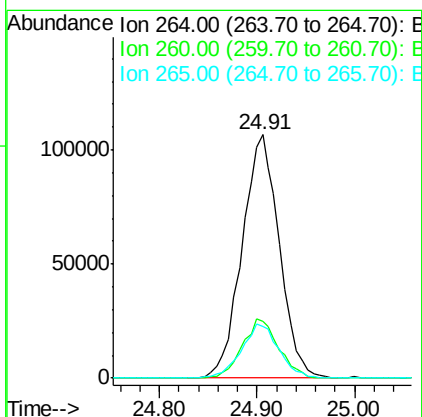
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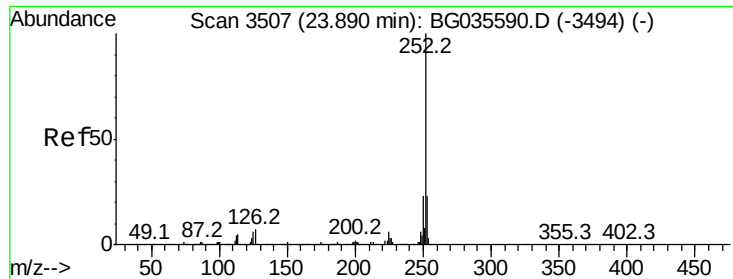
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#86
Perylene-d12
Concen: 20.000 ng
RT: 24.91 min Scan# 3680
Delta R.T. -0.01 min
Lab File: BG035639.D
Acq: 13 Jul 2018 21:22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.4	26.0
265	21.0	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 47.677 ng

RT: 23.88 min Scan# 3506

Delta R.T. -0.01 min

Lab File: BG035639.D

Acq: 13 Jul 2018 21:22

Instrument :

BNA_G

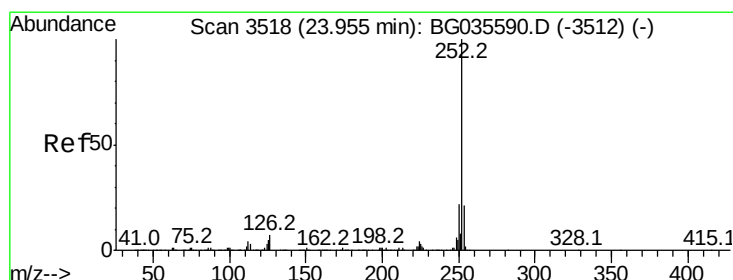
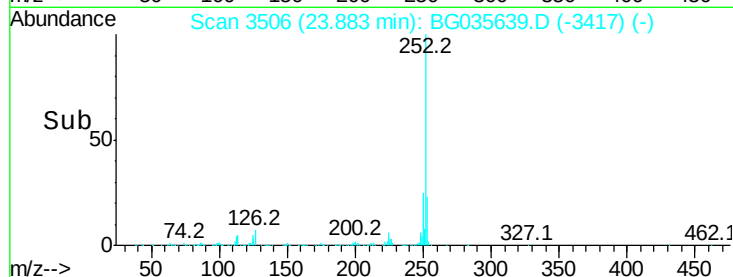
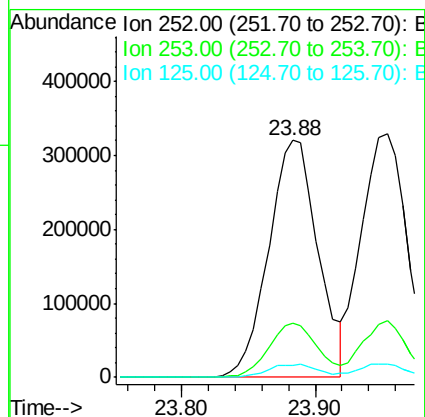
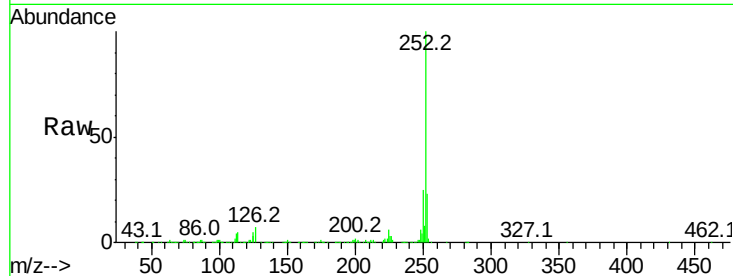
ClientSampleId :

PB111092BS

Tot Ion:	252	Resp:	823491
Ion Ratio	Lower	Upper	
252	100		
253	22.8	18.2	27.4
125	5.3	7.2	10.8#

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#88

Benzo(k)fluoranthene

Concen: 46.143 ng

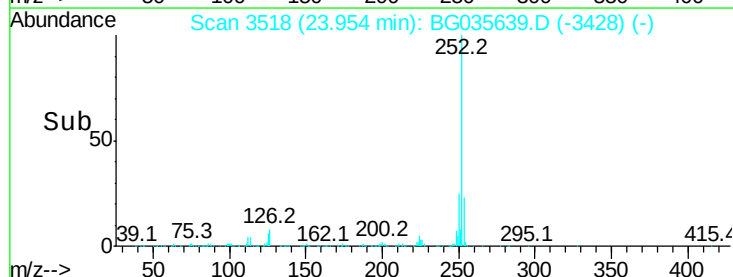
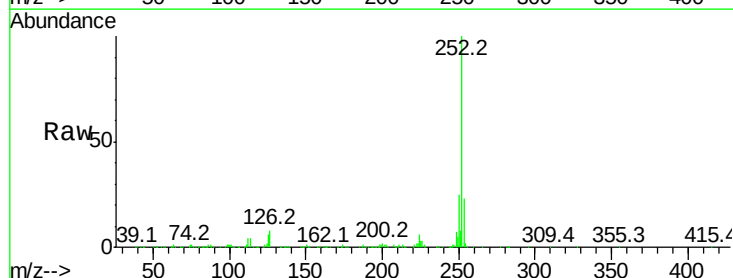
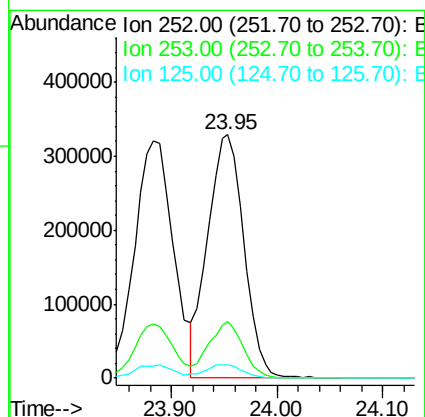
RT: 23.95 min Scan# 3518

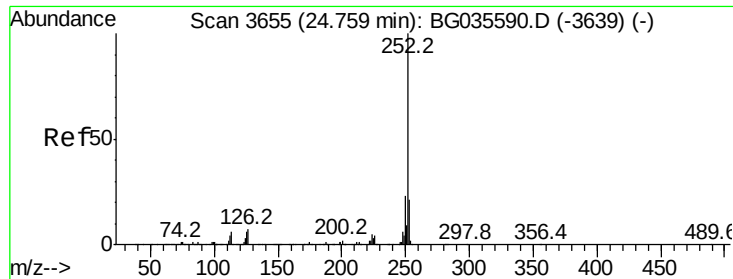
Delta R.T. -0.00 min

Lab File: BG035639.D

Acq: 13 Jul 2018 21:22

Tgt Ion:	252	Resp:	779169
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.4	26.2
125	5.6	6.6	9.8#





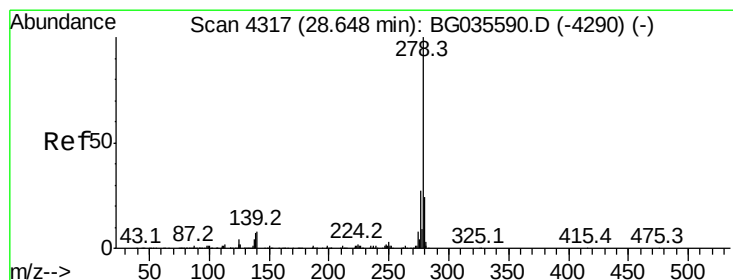
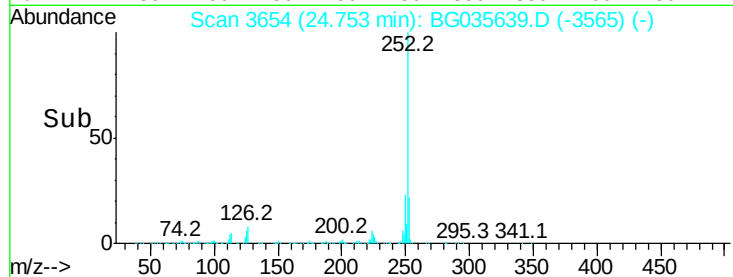
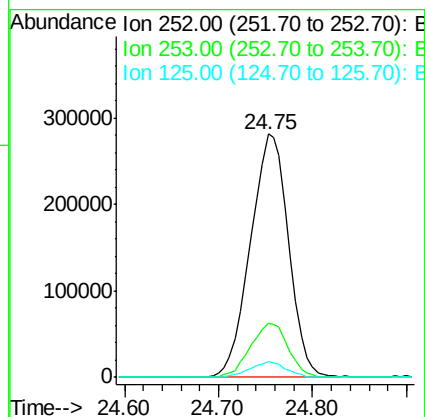
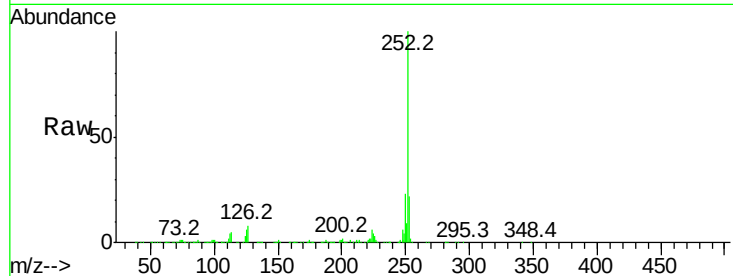
#89
Benzo(a)pyrene
Concen: 49.092 ng
RT: 24.75 min Scan# 3654
Delta R.T. -0.01 min
Lab File: BG035639.D
Acq: 13 Jul 2018 21:22

Instrument :
BNA_G
ClientSampleId :
PB111092BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.1	18.3	27.5
125	6.4	7.3	10.9#

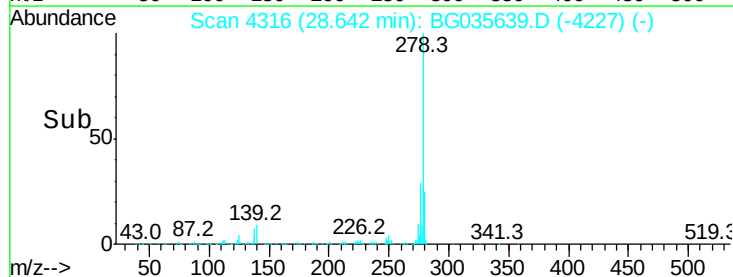
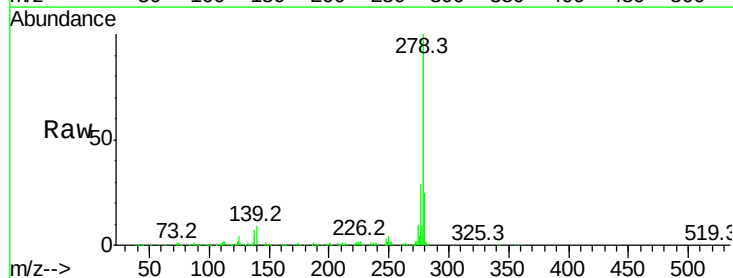
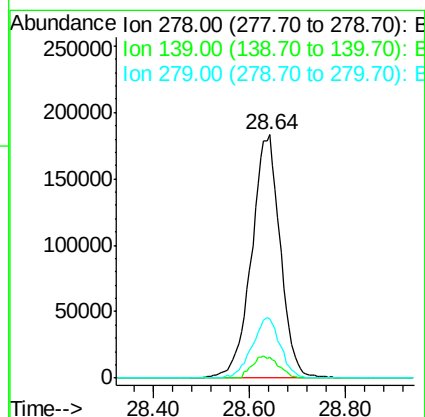
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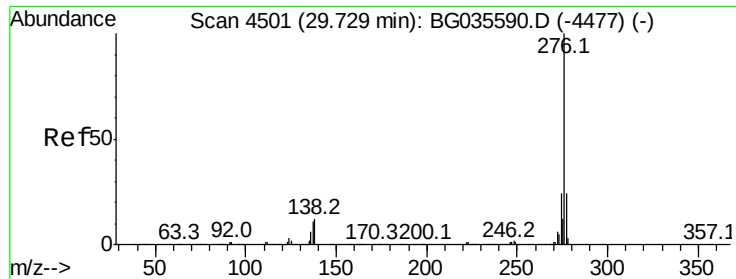
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#90
Dibenzo(a,h)anthracene
Concen: 48.352 ng
RT: 28.64 min Scan# 4316
Delta R.T. -0.01 min
Lab File: BG035639.D
Acq: 13 Jul 2018 21:22

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	8.6	9.8	14.6#
279	24.6	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 49.526 ng
 RT: 29.72 min Scan# 4500
 Delta R.T. -0.01 min
 Lab File: BG035639.D
 Acq: 13 Jul 2018 21:22

Instrument :
 BNA_G
 ClientSampleId :
 PB111092BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.3	27.5
138	12.0	13.9	20.9

Manual Integrations
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