

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080218\
 Data File : BG036083.D
 Acq On : 3 Aug 2018 7:11
 Operator : JU/SJ
 Sample : PB111703BS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111703BS

Manual Integrations
 APPROVED

Sohil
 8/3/2018 12:58:41 PM

Quant Time: Aug 03 08:33:10 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 12:30:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	28566	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	111247	20.00	ng	-0.01
38) Acenaphthene-d10	14.65	164	84291	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	246081	20.00	ng	0.00
75) Chrysene-d12	21.65	240	269391	20.00	ng	0.00
86) Perylene-d12	24.85	264	263128	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	257017	149.38	ng	0.00
7) Phenol-d6	7.19	99	384518	149.79	ng	0.00
23) Nitrobenzene-d5	9.18	82	256479	96.31	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	197275	177.56	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	603362	95.90	ng	-0.01
78) Terphenyl-d14	20.00	244	1253926	102.60	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	28694	32.766	ng	# 73
3) Pyridine	3.91	79	76227	33.343	ng	# 77
4) n-Nitrosodimethylamine	3.83	42	36542	37.226	ng	# 88
6) Aniline	7.34	93	113833	34.211	ng	94
8) 2-Chlorophenol	7.59	128	81827	46.760	ng	92
9) Benzaldehyde	7.16	77	50370	31.978	ng	93
10) Phenol	7.22	94	125267	48.299	ng	95
11) bis(2-Chloroethyl)ether	7.44	93	83620	41.169	ng	90
12) 1,3-Dichlorobenzene	7.91	146	95492	45.188	ng	94
13) 1,4-Dichlorobenzene	8.06	146	94853	44.177	ng	95
14) 1,2-Dichlorobenzene	8.37	146	90175	43.717	ng	95
15) Benzyl Alcohol	8.26	79	98562	42.280	ng	86
16) 2,2'-oxybis(1-Chloropropan	8.54	45	94171	55.302	ng	76
17) 2-Methylphenol	8.47	107	82045	46.528	ng	# 87
18) Hexachloroethane	9.10	117	35576	43.335	ng	# 83
19) n-Nitroso-di-n-propylamine	8.82	70	78755	36.431	ng	# 84
20) 3+4-Methylphenols	8.80	107	114336	46.739	ng	90
22) Acetophenone	8.84	105	146176	42.254	ng	# 93
24) Nitrobenzene	9.22	77	123368	46.064	ng	97
25) Isophorone	9.75	82	231460	46.821	ng	99
26) 2-Nitrophenol	9.94	139	50115	52.688	ng	# 87
27) 2,4-Dimethylphenol	9.99	122	93049	57.793	ng	94
28) bis(2-Chloroethoxy)methane	10.22	93	120579	44.266	ng	93
29) 2,4-Dichlorophenol	10.48	162	98695	53.700	ng	95
30) 1,2,4-Trichlorobenzene	10.69	180	106385	47.205	ng	93
31) Naphthalene	10.88	128	271211	46.801	ng	98
32) Benzoic acid	10.17	122	23994	22.137	ng	96
33) 4-Chloroaniline	10.99	127	63420	25.110	ng	# 94
34) Hexachlorobutadiene	11.15	225	82687	47.052	ng	97
35) Caprolactam	11.77	113	35442m	44.937	ng	
36) 4-Chloro-3-methylphenol	12.11	107	129339	52.502	ng	92
37) 2-Methylnaphthalene	12.47	142	216730	50.200	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.84	216	146200	45.954	ng	98
40) Hexachlorocyclopentadiene	12.82	237	174181	104.395	ng	91

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080218\
 Data File : BG036083.D
 Acq On : 3 Aug 2018 7:11
 Operator : JU/SJ
 Sample : PB111703BS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 PB111703BS

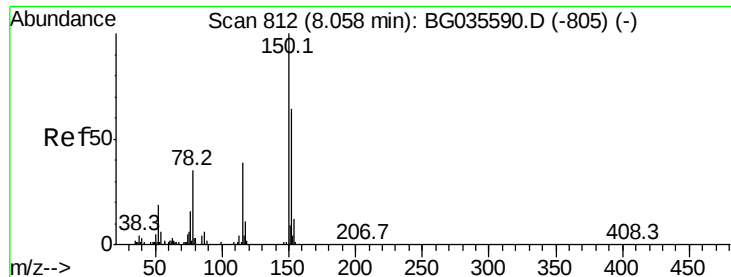
Manual Integrations
 APPROVED

Sohil
 8/3/2018 12:58:41 PM

Quant Time: Aug 03 08:33:10 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 12:30:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.08	196	97231	52.260	ng	92
43) 2,4,5-Trichlorophenol	13.16	196	108623	52.189	ng	98
45) 1,1'-Biphenyl	13.48	154	300132	45.927	ng	99
46) 2-Chloronaphthalene	13.52	162	245131	48.224	ng	98
47) 2-Nitroaniline	13.73	65	86777	48.288	ng	96
48) Acenaphthylene	14.37	152	408904	48.022	ng	97
49) Dimethylphthalate	14.10	163	348817	47.232	ng	98
50) 2,6-Dinitrotoluene	14.22	165	81033	53.882	ng	93
51) Acenaphthene	14.71	154	240362	45.315	ng	98
52) 3-Nitroaniline	14.56	138	51988	33.823	ng #	98
53) 2,4-Dinitrophenol	14.76	184	41993	56.414	ng #	70
54) Dibenzofuran	15.05	168	410749	48.691	ng	93
55) 4-Nitrophenol	14.88	139	95082	86.860	ng #	84
56) 2,4-Dinitrotoluene	15.01	165	118332	54.846	ng	89
57) Fluorene	15.69	166	349527	49.435	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.27	232	111488	55.867	ng #	94
59) Diethylphthalate	15.46	149	363197	47.828	ng	98
60) 4-Chlorophenyl-phenylether	15.68	204	196227	47.220	ng	98
61) 4-Nitroaniline	15.72	138	78506	48.827	ng #	83
62) Azobenzene	15.97	77	360862	48.176	ng	96
64) 4,6-Dinitro-2-methylphenol	15.77	198	57507	41.981	ng	88
65) n-Nitrosodiphenylamine	15.90	169	309713	44.217	ng	98
66) 4-Bromophenyl-phenylether	16.57	248	136231	47.717	ng	93
67) Hexachlorobenzene	16.70	284	144094	49.010	ng	95
68) Atrazine	16.84	200	142305	49.344	ng	97
69) Pentachlorophenol	17.04	266	121383	67.782	ng	98
70) Phenanthrene	17.43	178	579208	47.171	ng	99
71) Anthracene	17.52	178	590304	48.280	ng	97
72) Carbazole	17.80	167	533626	45.957	ng	98
73) Di-n-butylphthalate	18.34	149	619681	45.162	ng #	97
74) Fluoranthene	19.44	202	777637	47.016	ng	96
76) Benzidine	19.62	184	252843	35.700	ng	96
77) Pyrene	19.80	202	781220	45.863	ng	98
79) Butylbenzylphthalate	20.68	149	296526	48.679	ng	97
80) Benzo(a)anthracene	21.63	228	810253	48.265	ng	99
81) 3,3'-Dichlorobenzidine	21.55	252	207671	35.478	ng #	95
82) Chrysene	21.70	228	751608	48.314	ng	97
83) Bis(2-ethylhexyl)phthalate	21.53	149	407694	49.231	ng	99
84) Di-n-octyl phthalate	22.73	149	702446	50.660	ng #	93
85) Indeno(1,2,3-cd)pyrene	28.50	276	850600	49.386	ng #	93
87) Benzo(b)fluoranthene	23.84	252	778331	48.667	ng #	95
88) Benzo(k)fluoranthene	23.90	252	752247	48.112	ng #	97
89) Benzo(a)pyrene	24.70	252	751459	50.506	ng #	96
90) Dibenzo(a,h)anthracene	28.55	278	683946	46.824	ng #	96
91) Benzo(g,h,i)perylene	29.63	276	700516	49.009	ng #	94

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



#1

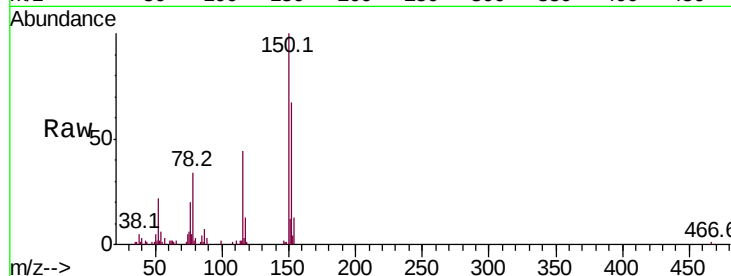
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 805
Delta R.T. -0.00 min
Lab File: BG036083.D
Acq: 3 Aug 2018 7:11

Instrument :
BNA_G
ClientSampleId :
PB111703BS

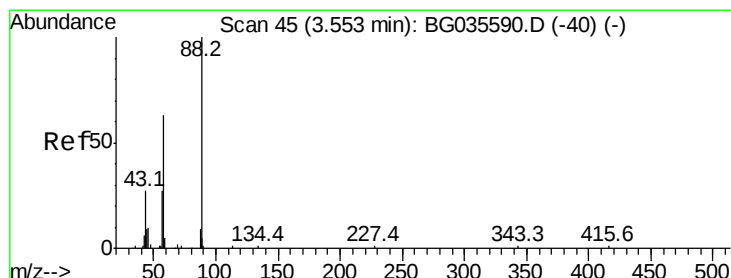
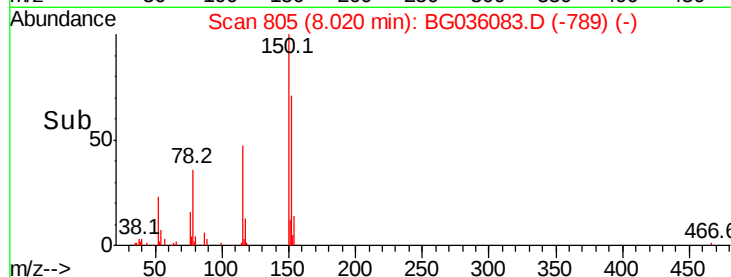
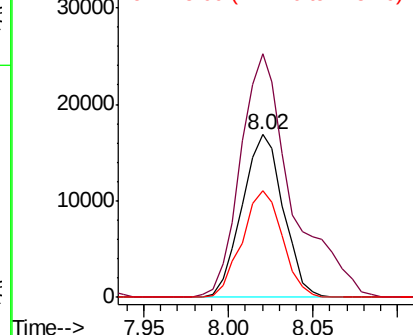
Tot Ion	Ratio	Lower	Upper
152	100		
150	149.8	126.6	189.8
115	66.0	53.0	79.4

Manual Integrations
APPROVED

Sohil
8/3/2018 12:58:41 PM



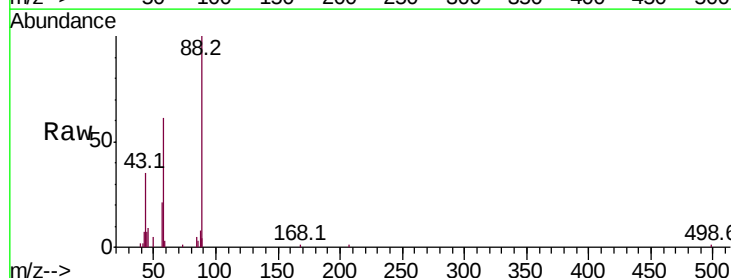
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



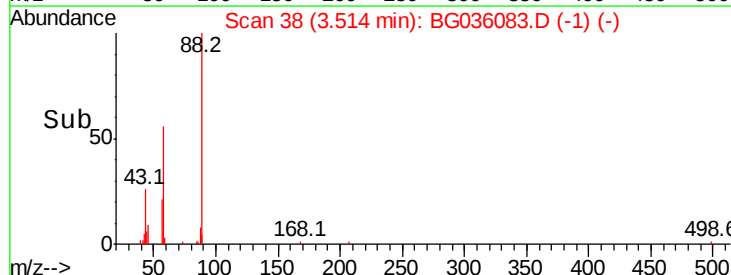
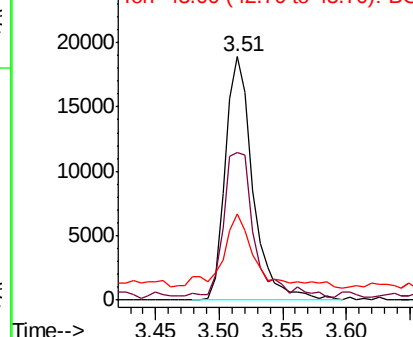
#2

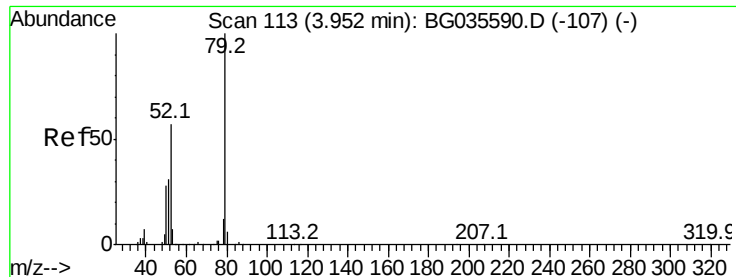
1,4-Dioxane
Concen: 32.766 ng
RT: 3.51 min Scan# 38
Delta R.T. -0.01 min
Lab File: BG036083.D
Acq: 3 Aug 2018 7:11

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.2	79.6	119.4#
43	30.4	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: 33.343 ng

RT: 3.91 min Scan# 105

Delta R.T. -0.01 min

Lab File: BG036083.D

Acq: 3 Aug 2018 7:11

Instrument :

BNA_G

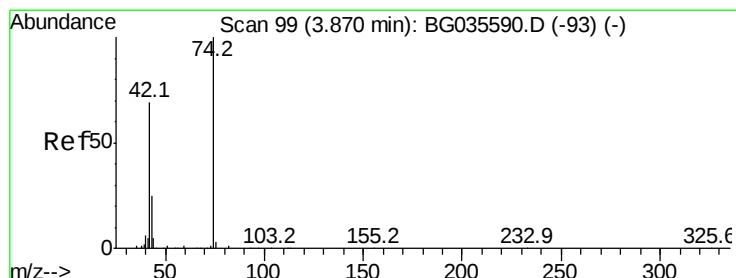
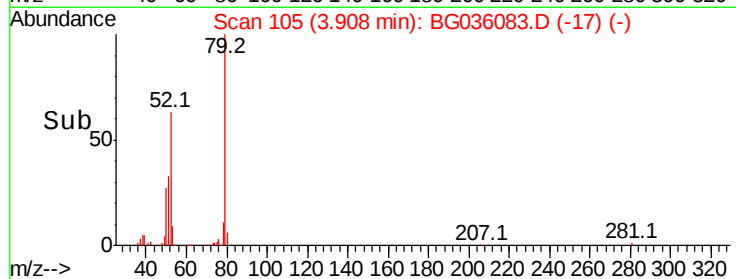
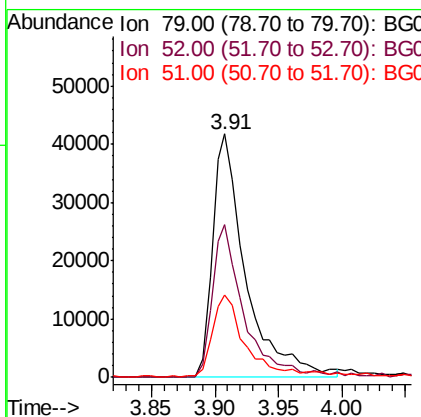
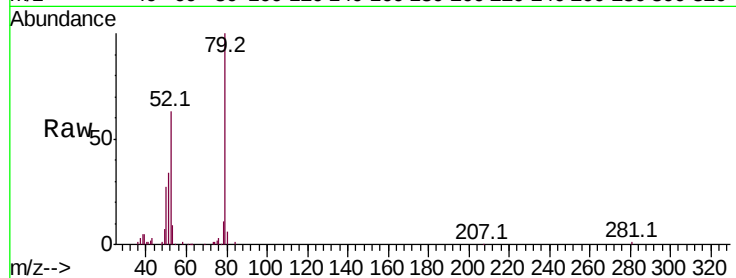
ClientSampled :

PB111703BS

Tot Ion:	79	Resp:	76227
Ion Ratio	Lower	Upper	
79	100		
52	62.6	69.9	104.9#
51	33.7	34.0	51.0#

Manual Integrations
APPROVED

Sohil
8/3/2018 12:58:41 PM



#4

n-Nitrosodimethylamine

Concen: 37.226 ng

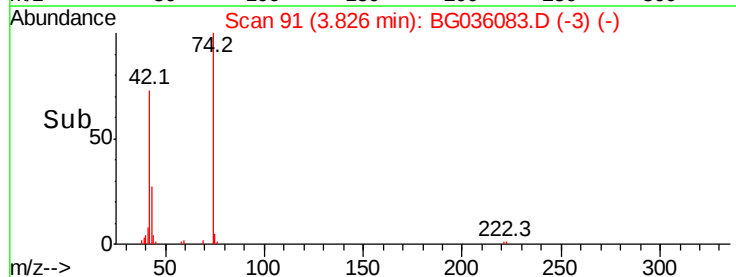
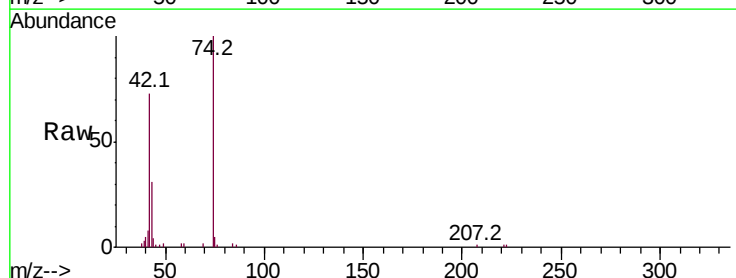
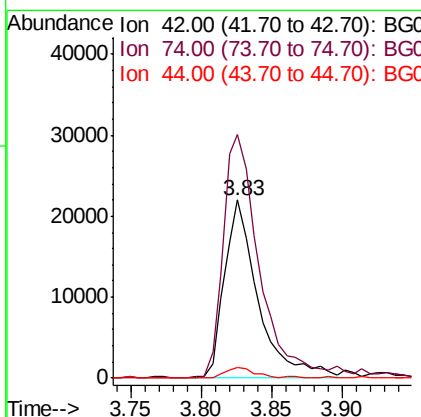
RT: 3.83 min Scan# 91

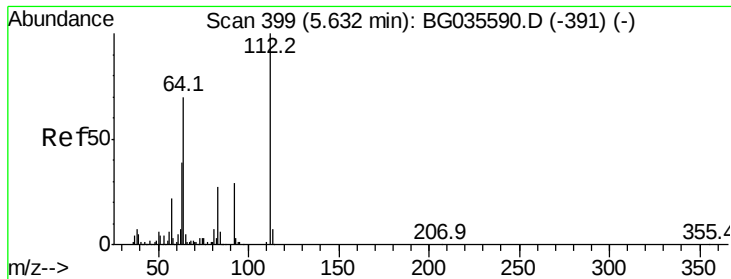
Delta R.T. -0.01 min

Lab File: BG036083.D

Acq: 3 Aug 2018 7:11

Tgt Ion:	42	Resp:	36542
Ion Ratio	Lower	Upper	
42	100		
74	136.7	102.5	153.7
44	6.1	18.9	28.3#





#5

2-Fluorophenol

Concen: 149.376 ng

RT: 5.61 min Scan# 394

Delta R.T. 0.00 min

Lab File: BG036083.D

Acq: 3 Aug 2018 7:11

Instrument :

BNA_G

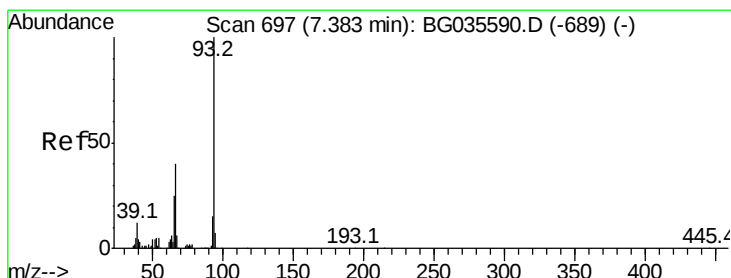
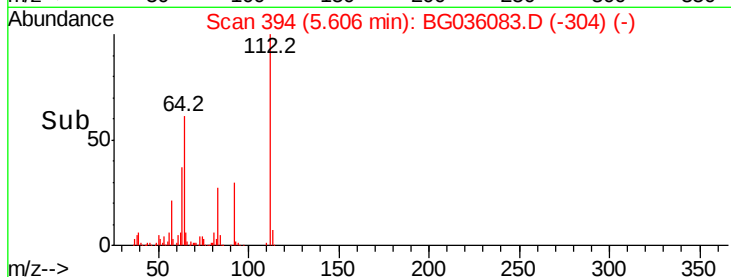
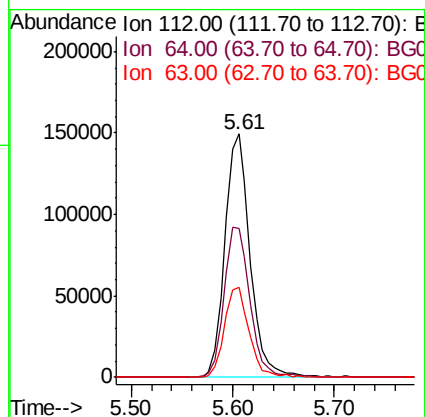
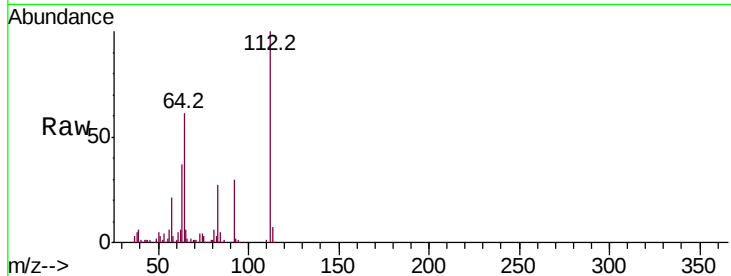
ClientSampleId :

PB111703BS

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	61.3	56.3	84.5
63	37.1	30.1	45.1

Manual Integrations
APPROVED

Sohil
8/3/2018 12:58:41 PM



#6

Aniline

Concen: 34.211 ng

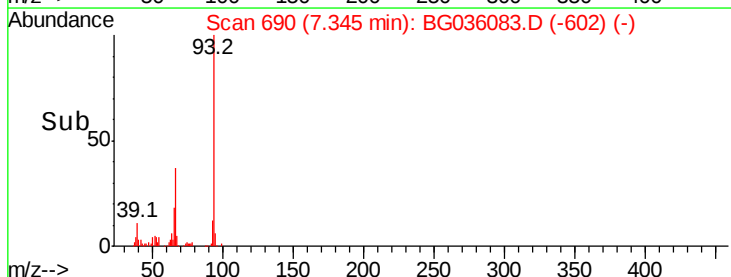
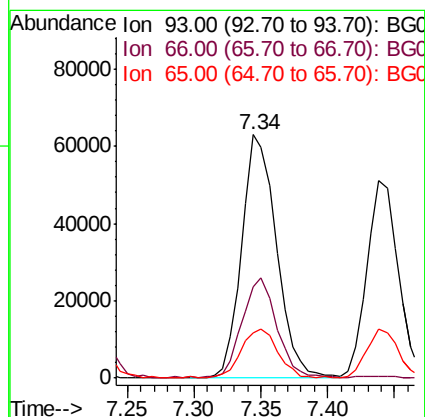
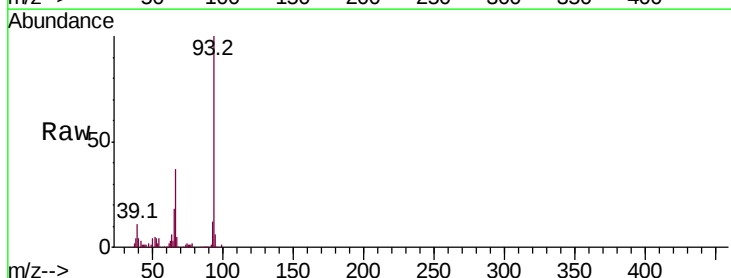
RT: 7.34 min Scan# 690

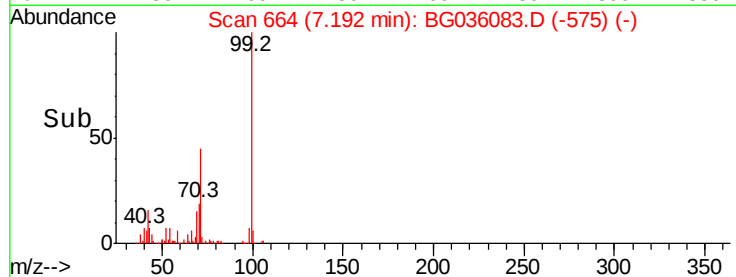
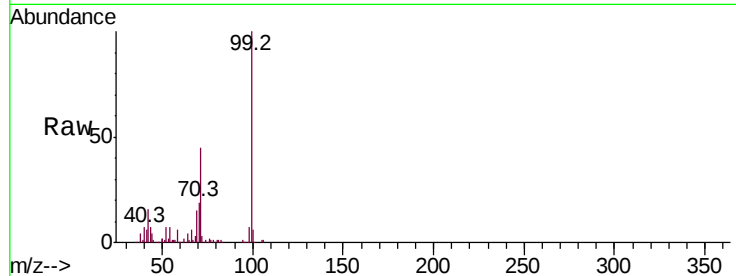
Delta R.T. -0.01 min

Lab File: BG036083.D

Acq: 3 Aug 2018 7:11

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	37.3	33.7	50.5
65	18.5	16.1	24.1





#7

Phenol-d6

Concen: 149.786 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.00 min

Lab File: BG036083.D

Acq: 3 Aug 2018 7:11

Instrument :

BNA_G

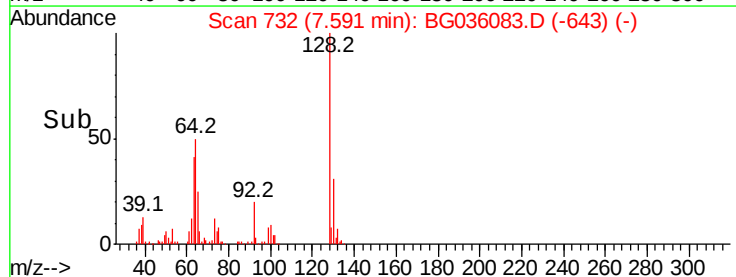
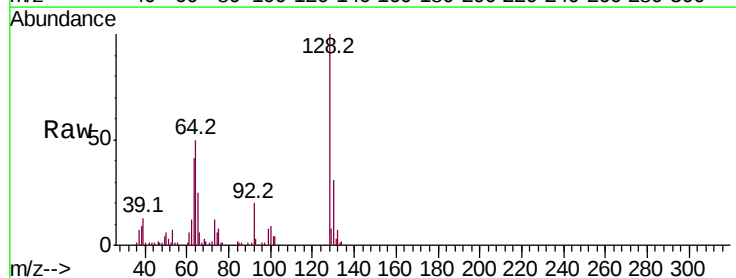
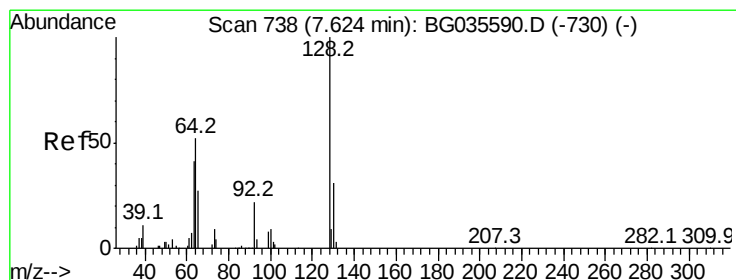
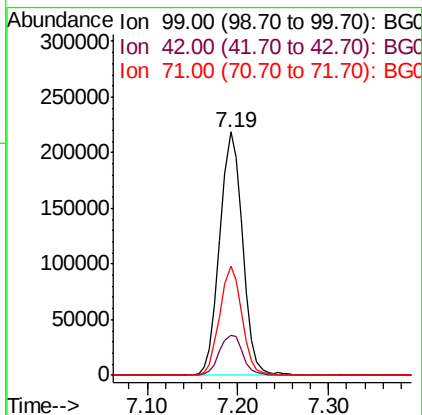
ClientSampleId :

PB111703BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100				
42	16.5	14.1	21.1		
71	44.8	26.1	39.1		

Manual Integrations
APPROVED

Sohil
8/3/2018 12:58:41 PM



#8

2-Chlorophenol

Concen: 46.760 ng

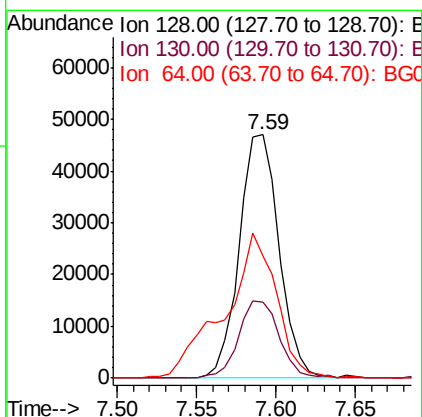
RT: 7.59 min Scan# 732

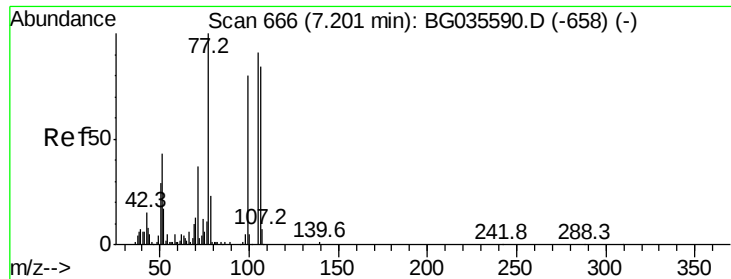
Delta R.T. -0.00 min

Lab File: BG036083.D

Acq: 3 Aug 2018 7:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100				
130	31.3	14.0	54.0		
64	50.3	37.7	77.7		





#9

Benzaldehyde

Concen: 31.978 ng

RT: 7.16 min Scan# 659

Delta R.T. -0.00 min

Lab File: BG036083.D

Acq: 3 Aug 2018 7:11

Instrument :

BNA_G

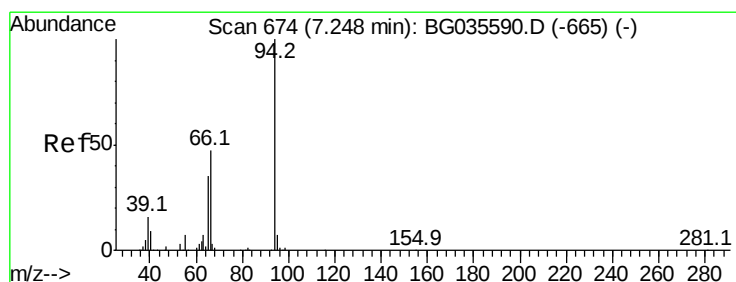
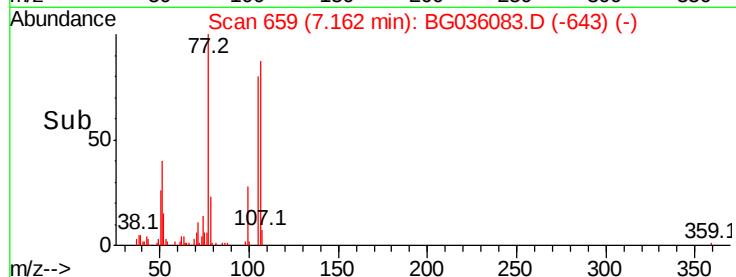
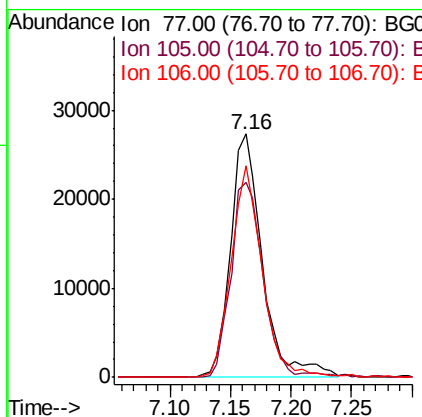
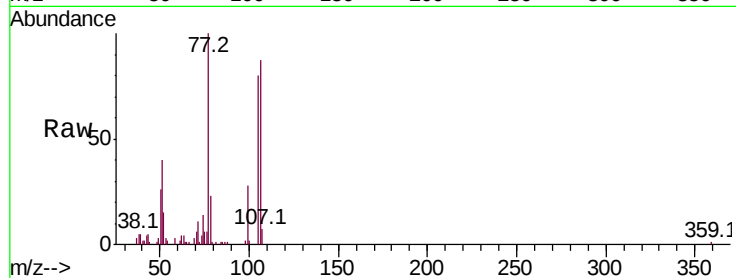
ClientSampleId :

PB111703BS

Tot Ion:	77	Resp:	50370
Ion Ratio	Lower	Upper	
77	100		
105	80.3	71.3	111.3
106	86.7	64.2	104.2

Manual Integrations
APPROVED

Sohil
8/3/2018 12:58:41 PM



#10

Phenol

Concen: 48.299 ng

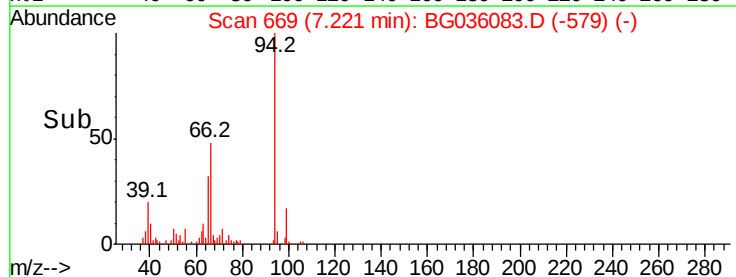
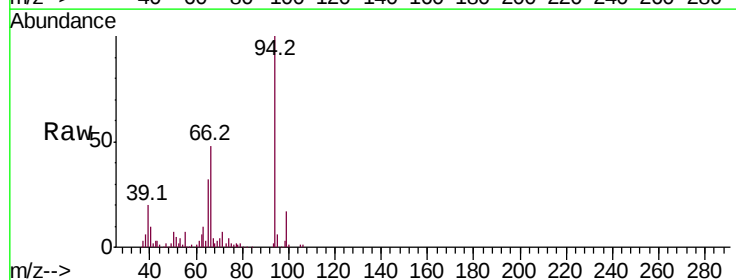
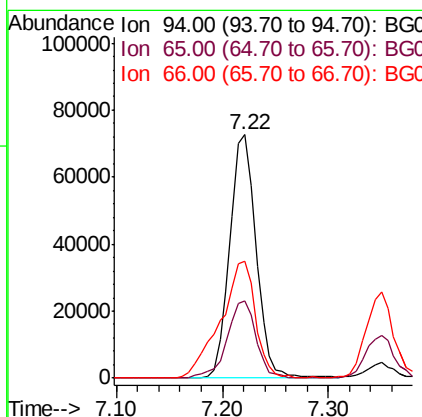
RT: 7.22 min Scan# 669

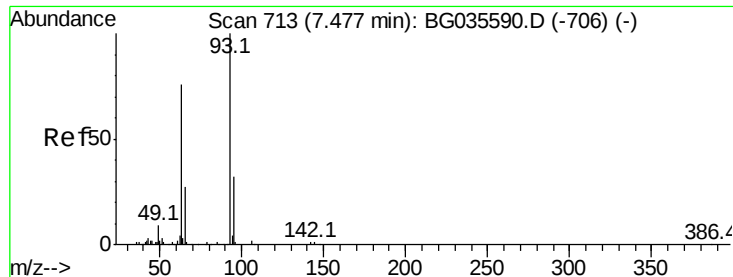
Delta R.T. 0.00 min

Lab File: BG036083.D

Acq: 3 Aug 2018 7:11

Tgt Ion:	94	Resp:	125267
Ion Ratio	Lower	Upper	
94	100		
65	31.7	11.9	51.9
66	48.1	22.2	62.2





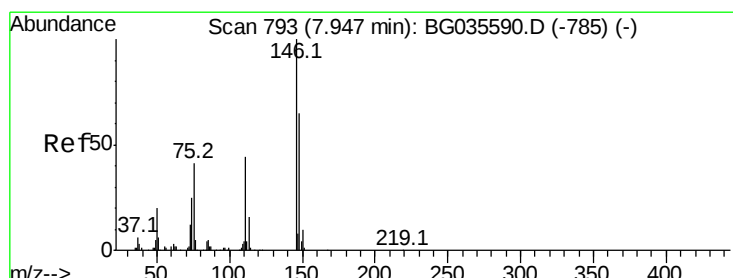
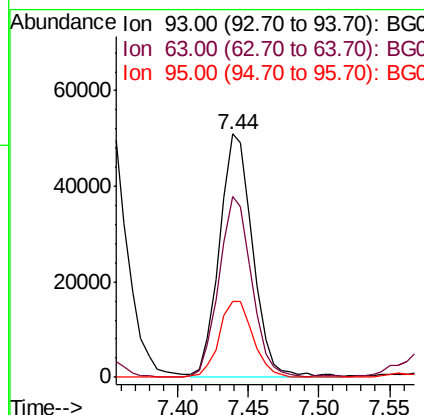
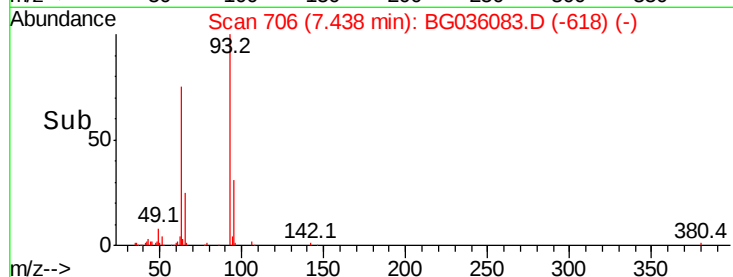
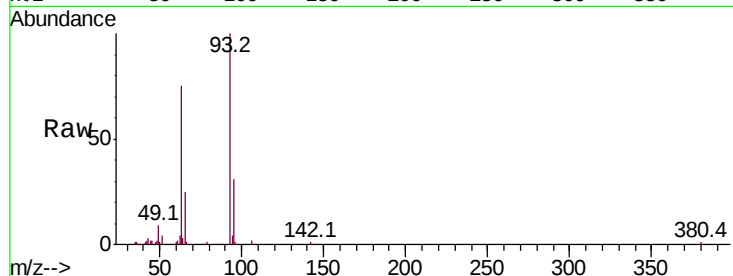
#11
bis(2-Chloroethyl)ether
Concen: 41.169 ng
RT: 7.44 min Scan# 706
Delta R.T. -0.01 min
Lab File: BG036083.D
Acq: 3 Aug 2018 7:11

Instrument :
BNA_G
ClientSampleId :
PB111703BS

Tot Ion:	93	Resp:	83620
Ion	Ratio	Lower	Upper
93	100		
63	74.5	67.1	107.1
95	31.2	11.5	51.5

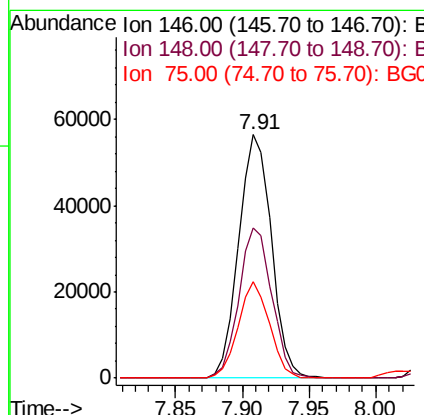
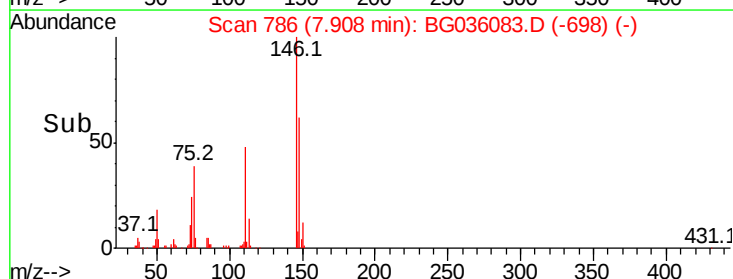
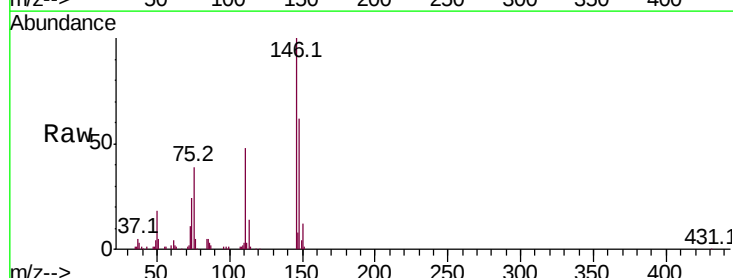
Manual Integrations
APPROVED

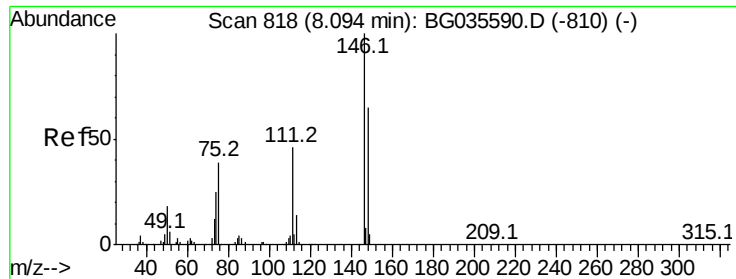
Sohil
8/3/2018 12:58:41 PM



#12
1,3-Dichlorobenzene
Concen: 45.188 ng
RT: 7.91 min Scan# 786
Delta R.T. -0.01 min
Lab File: BG036083.D
Acq: 3 Aug 2018 7:11

Tgt Ion:	146	Resp:	95492
Ion	Ratio	Lower	Upper
146	100		
148	61.7	51.4	77.2
75	39.4	26.6	39.8





#13

1,4-Dichlorobenzene

Concen: 44.177 ng

RT: 8.06 min Scan# 811

Delta R.T. -0.01 min

Lab File: BG036083.D

Acq: 3 Aug 2018 7:11

Instrument :

BNA_G

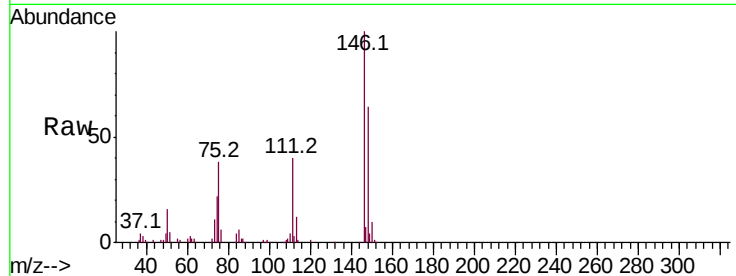
ClientSampleId :

PB111703BS

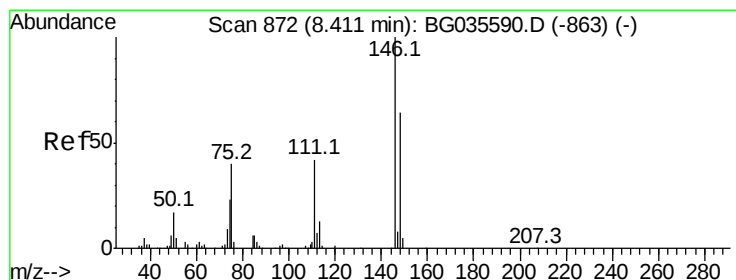
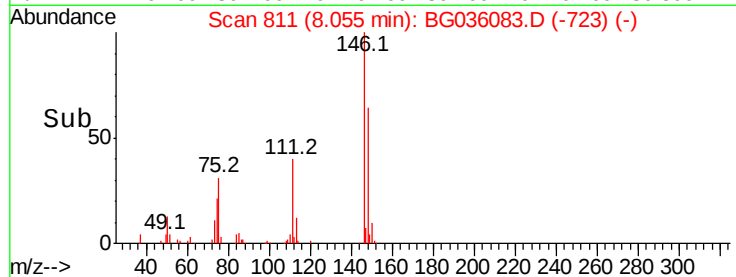
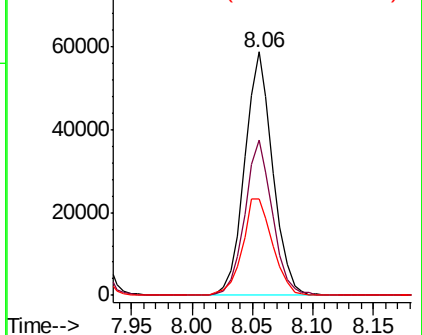
Tot Ion:	146	Resp:	94853
Ion Ratio	Lower	Upper	
146	100		
148	63.9	53.7	80.5
111	39.6	35.2	52.8

Manual Integrations
APPROVED

Sohil
8/3/2018 12:58:41 PM



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 43.717 ng

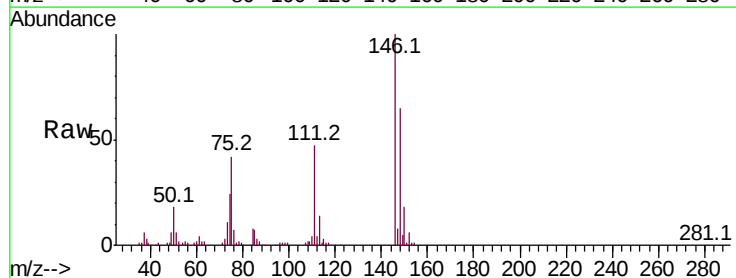
RT: 8.37 min Scan# 865

Delta R.T. -0.01 min

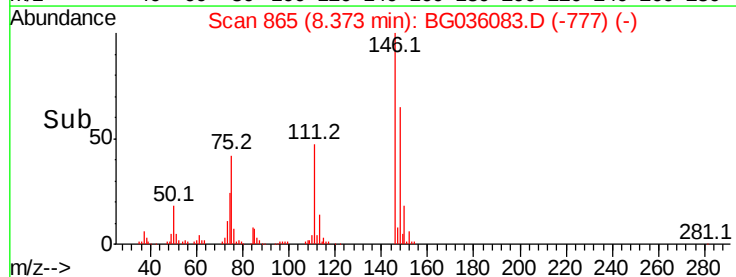
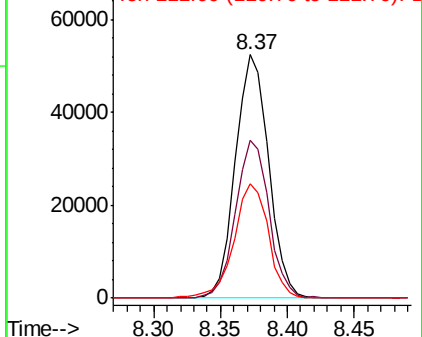
Lab File: BG036083.D

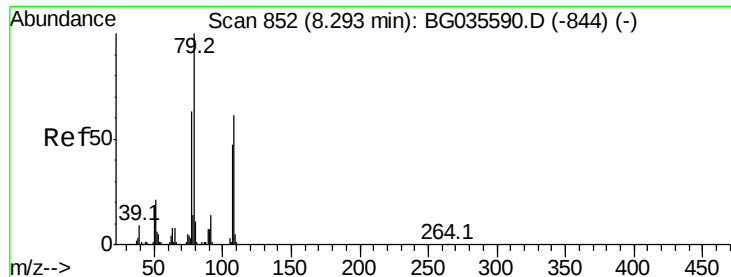
Acq: 3 Aug 2018 7:11

Tgt Ion:	146	Resp:	90175
Ion Ratio	Lower	Upper	
146	100		
148	65.1	49.3	73.9
111	47.2	34.3	51.5



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.280 ng

RT: 8.26 min Scan# 846

Delta R.T. -0.00 min

Lab File: BG036083.D

Acq: 3 Aug 2018 7:11

Instrument :

BNA_G

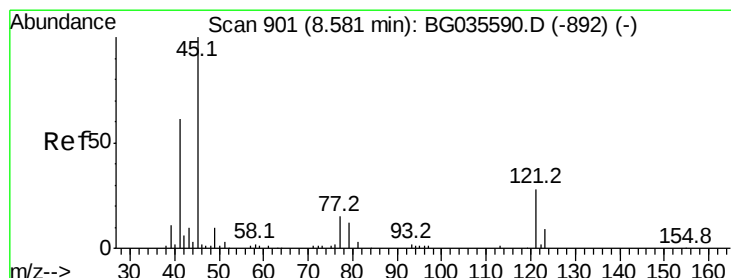
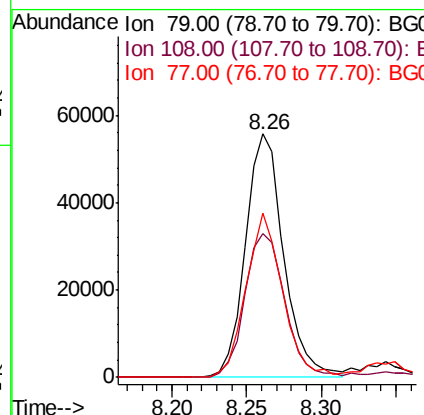
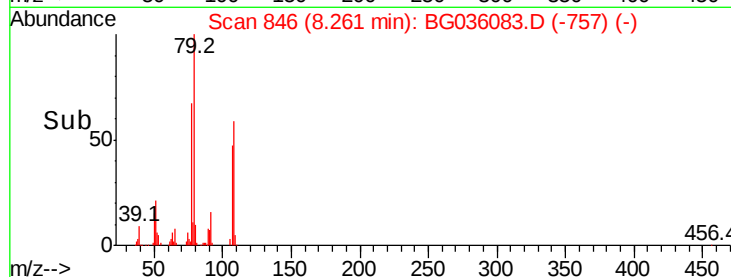
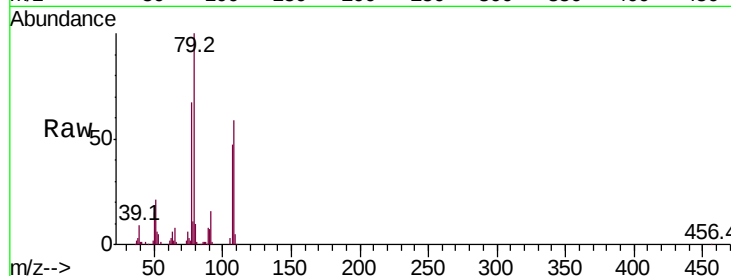
ClientSampleId :

PB111703BS

Tot Ion:	79	Resp:	98562
Ion Ratio	Lower	Upper	
79	100		
108	59.2	57.2	85.8
77	67.2	46.1	69.1

Manual Integrations
APPROVED

Sohil
8/3/2018 12:58:41 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 55.302 ng

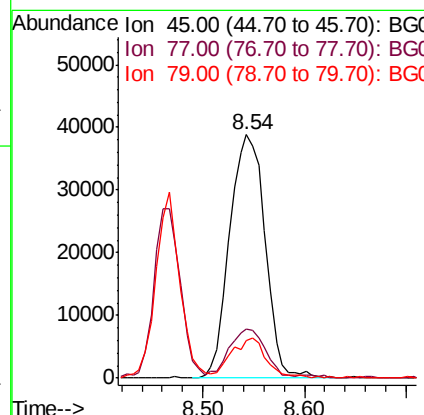
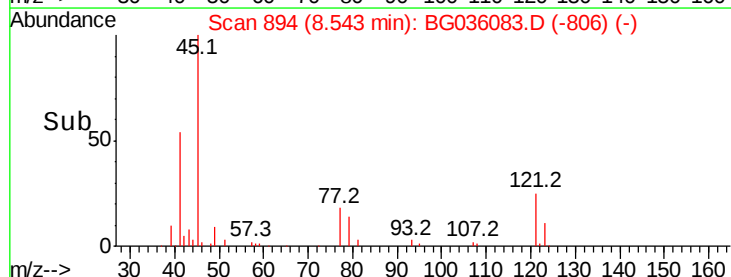
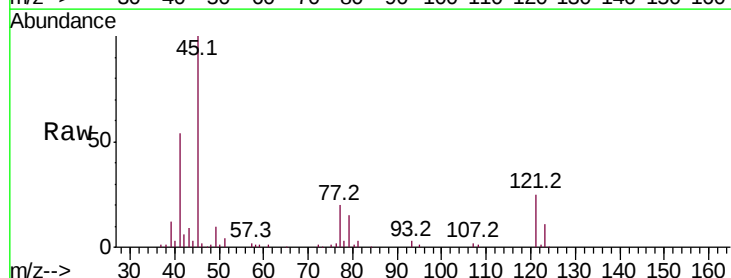
RT: 8.54 min Scan# 894

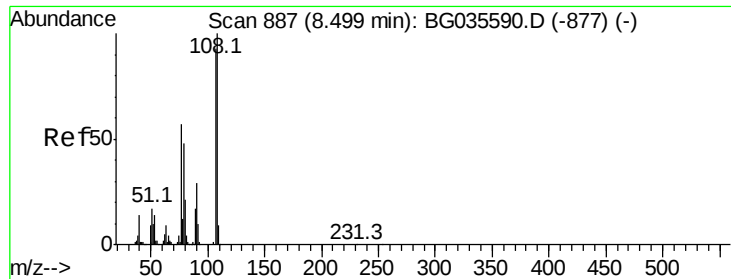
Delta R.T. -0.01 min

Lab File: BG036083.D

Acq: 3 Aug 2018 7:11

Tgt Ion:	45	Resp:	94171
Ion Ratio	Lower	Upper	
45	100		
77	20.1	0.0	30.2
79	15.2	0.0	27.9





#17

2-Methylphenol

Concen: 46.528 ng

RT: 8.47 min Scan# 881

Delta R.T. -0.00 min

Lab File: BG036083.D

Acq: 3 Aug 2018 7:11

Instrument :

BNA_G

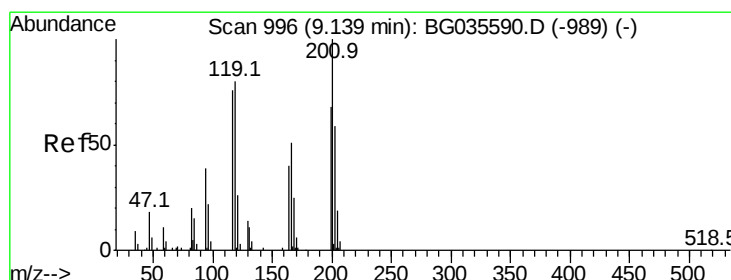
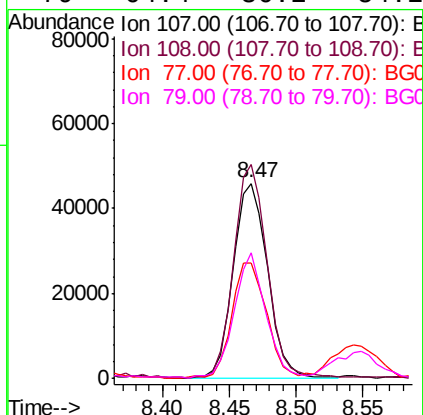
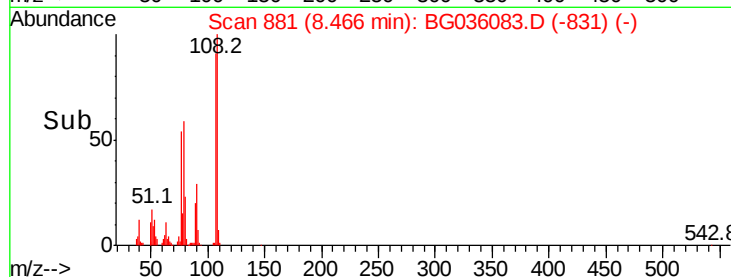
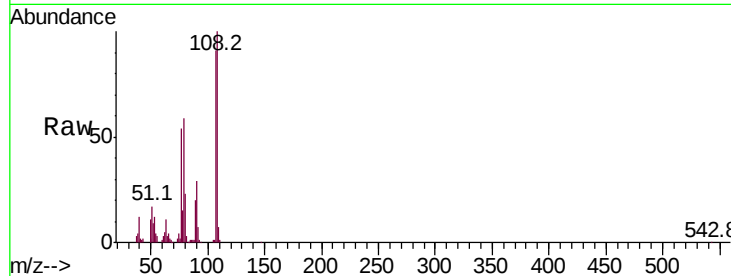
ClientSampleId :

PB111703BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.5	83.9	125.9	
77	58.8	37.2	55.8	
79	64.4	36.2	54.2	

Manual Integrations
APPROVED

Sohil
8/3/2018 12:58:41 PM



#18

Hexachloroethane

Concen: 43.335 ng

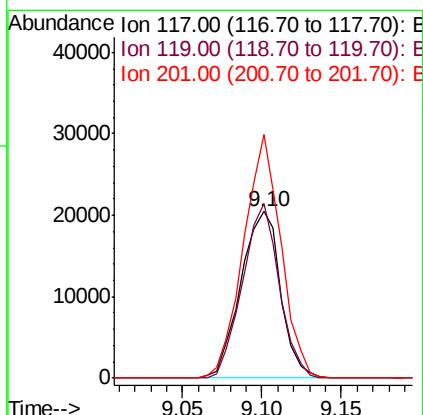
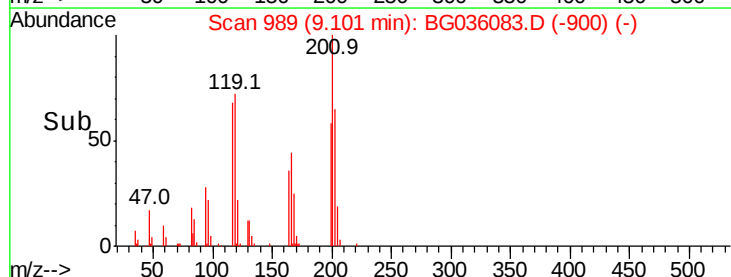
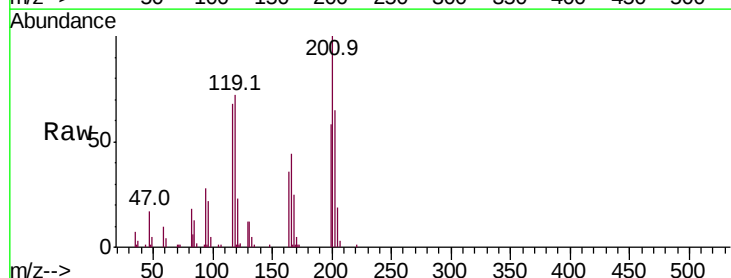
RT: 9.10 min Scan# 989

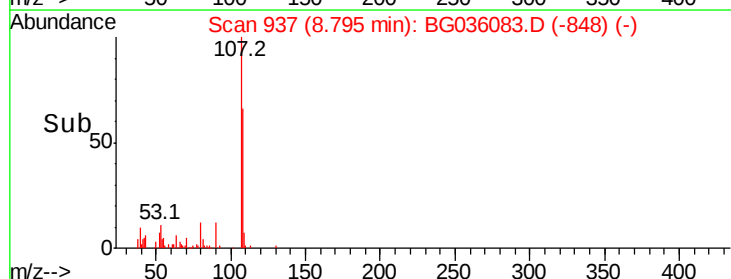
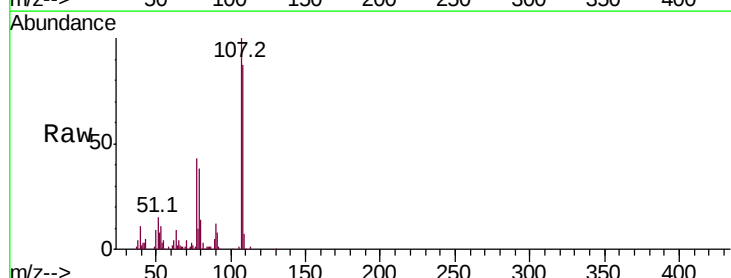
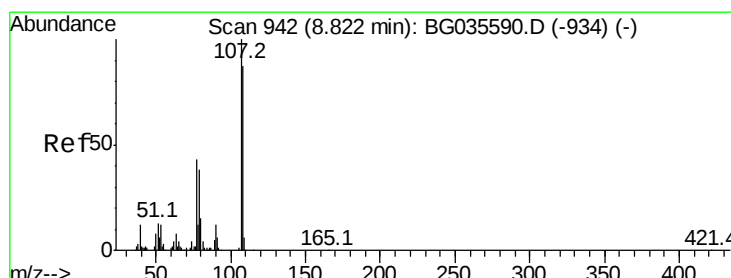
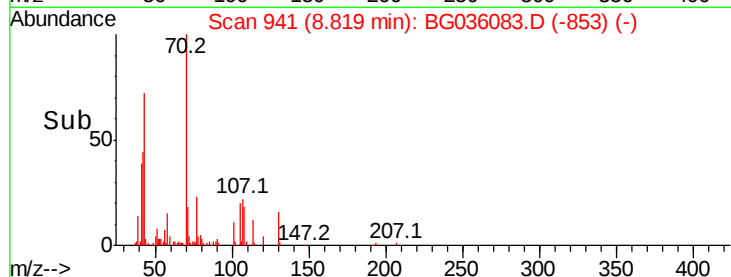
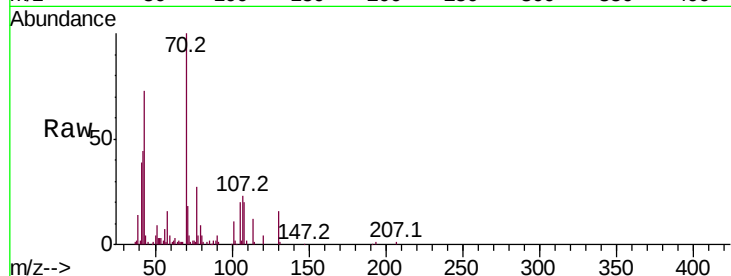
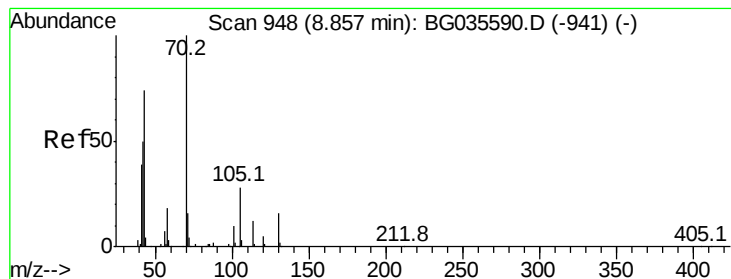
Delta R.T. -0.00 min

Lab File: BG036083.D

Acq: 3 Aug 2018 7:11

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	104.7	76.7	115.1	
201	146.2	95.7	143.5	





#19

n-Nitroso-di-n-propylamine

Concen: 36.431 ng

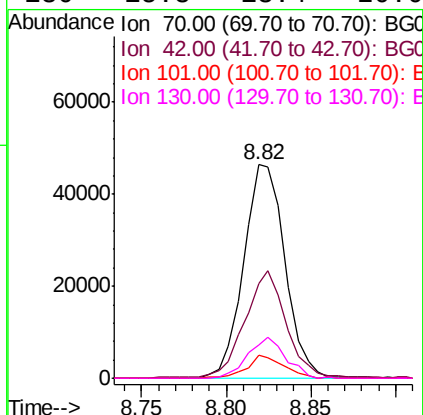
RT: 8.82 min Scan# 941

Delta R.T. -0.01 min

Lab File: BG036083.D

Acq: 3 Aug 2018 7:11

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	44.3	49.1	73.7#		
101	10.6	8.5	12.7		
130	15.8	13.4	20.0		



Instrument :

BNA_G

ClientSampleId :

PB111703BS

Manual Integrations
APPROVED

Sohil
8/3/2018 12:58:41 PM

#20

3+4-Methylphenols

Concen: 46.739 ng

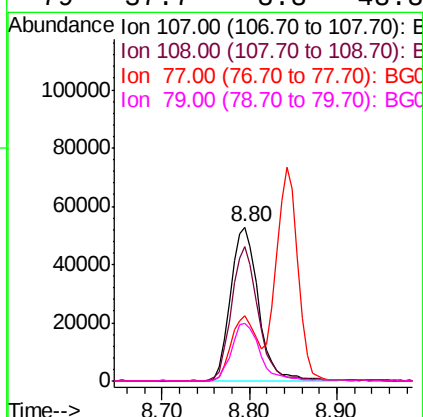
RT: 8.80 min Scan# 937

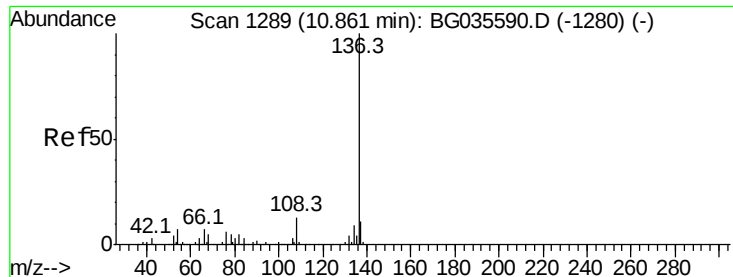
Delta R.T. -0.00 min

Lab File: BG036083.D

Acq: 3 Aug 2018 7:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	87.2	61.6	101.6		
77	42.6	13.9	53.9		
79	37.7	8.8	48.8		





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BG036083.D

Acq: 3 Aug 2018 7:11

Instrument :

BNA_G

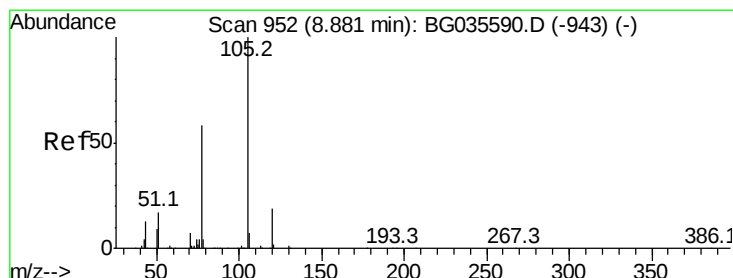
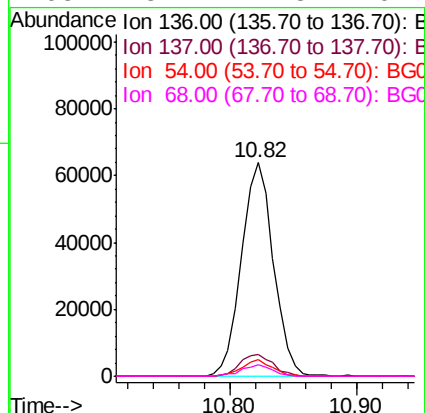
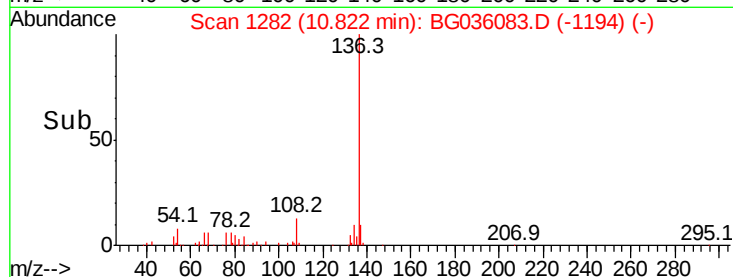
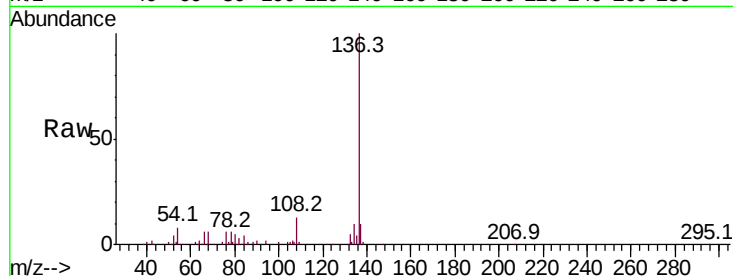
ClientSampleId :

PB111703BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.4	9.2	13.8	
54	7.7	10.3	15.5	
68	5.7	4.5	6.7	

Manual Integrations
APPROVED

Sohil
8/3/2018 12:58:41 PM



#22

Acetophenone

Concen: 42.254 ng

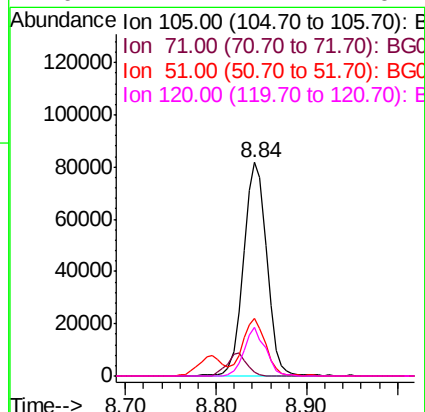
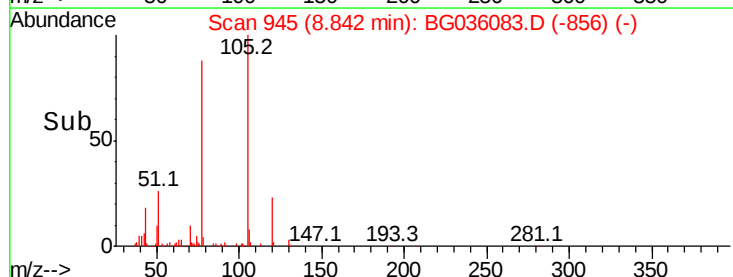
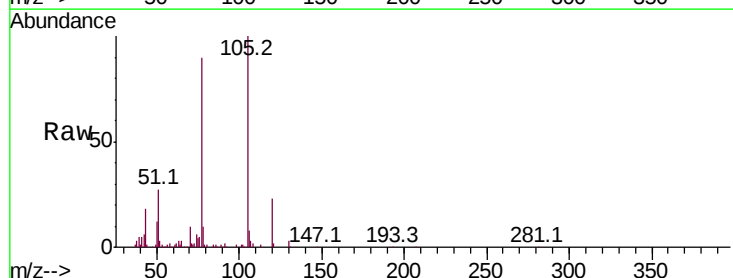
RT: 8.84 min Scan# 945

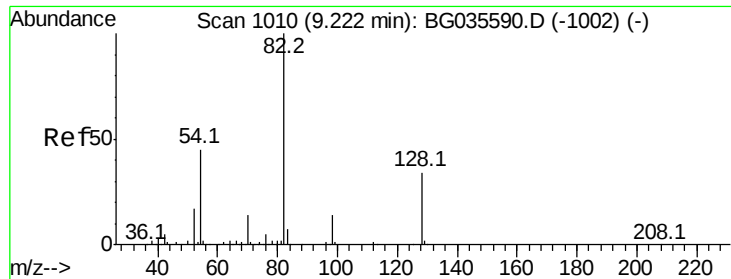
Delta R.T. -0.00 min

Lab File: BG036083.D

Acq: 3 Aug 2018 7:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.6	3.0	4.4	
51	27.0	26.1	39.1	
120	22.7	17.4	26.2	





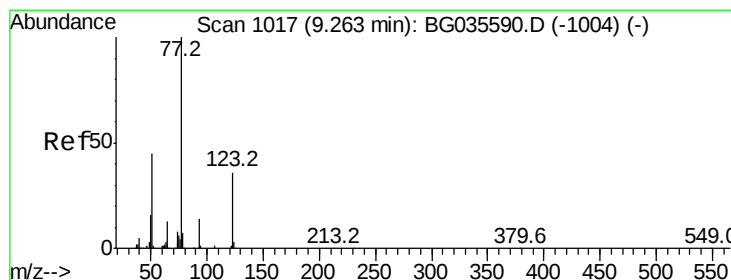
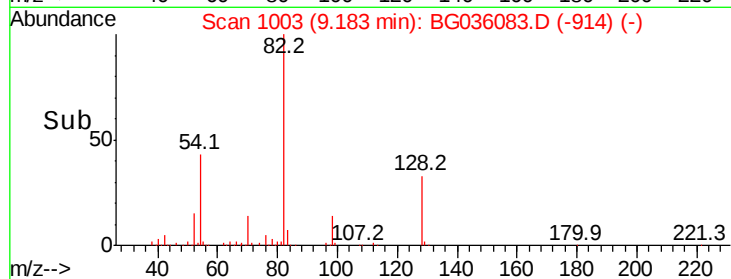
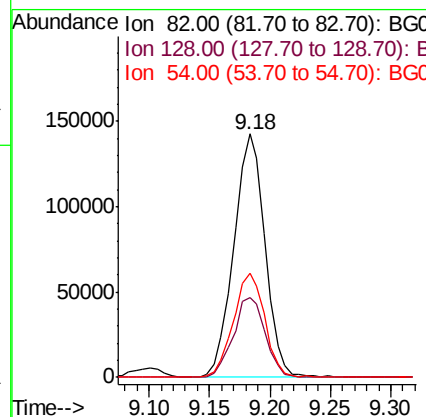
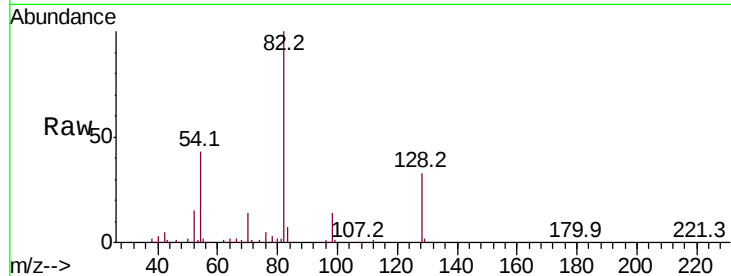
#23
 Nitrobenzene-d5
 Concen: 96.311 ng
 RT: 9.18 min Scan# 1003
 Delta R.T. -0.00 min
 Lab File: BG036083.D
 Acq: 3 Aug 2018 7:11

Instrument :
 BNA_G
 ClientSampleID :
 PB111703BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	33.0	29.7	44.5	
54	42.8	43.1	64.7	

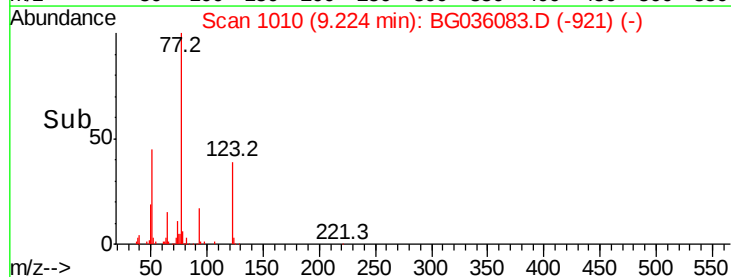
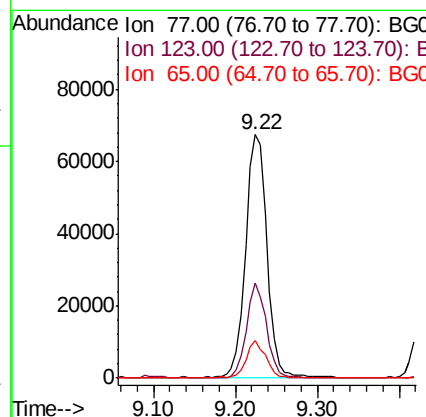
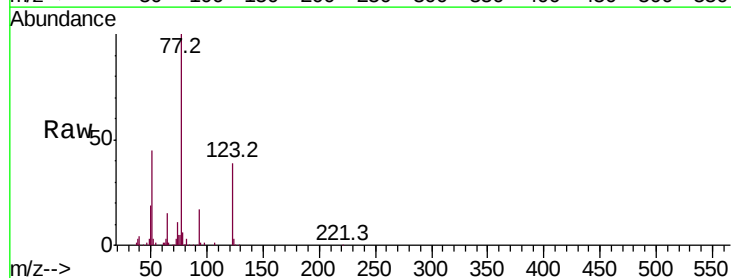
Manual Integrations
 APPROVED

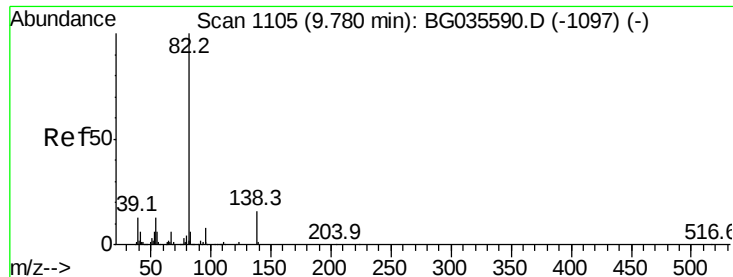
Sohil
 8/3/2018 12:58:41 PM



#24
 Nitrobenzene
 Concen: 46.064 ng
 RT: 9.22 min Scan# 1010
 Delta R.T. -0.00 min
 Lab File: BG036083.D
 Acq: 3 Aug 2018 7:11

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	39.1	33.0	49.6	
65	15.2	13.0	19.6	





#25

Isophorone

Concen: 46.821 ng

RT: 9.75 min Scan# 1099

Delta R.T. -0.00 min

Lab File: BG036083.D

Acq: 3 Aug 2018 7:11

Instrument :

BNA_G

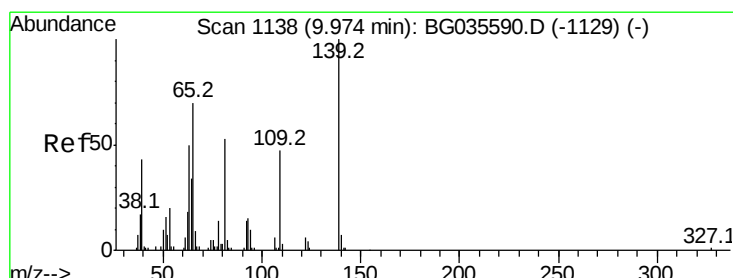
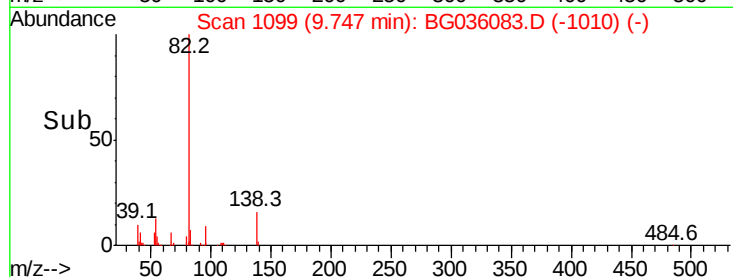
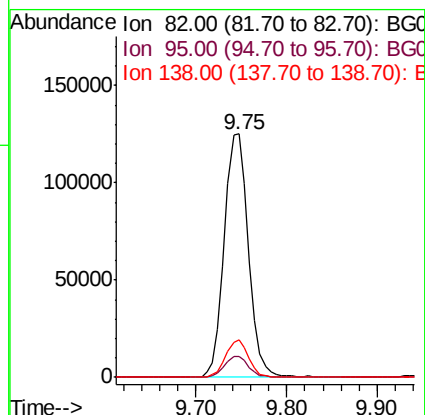
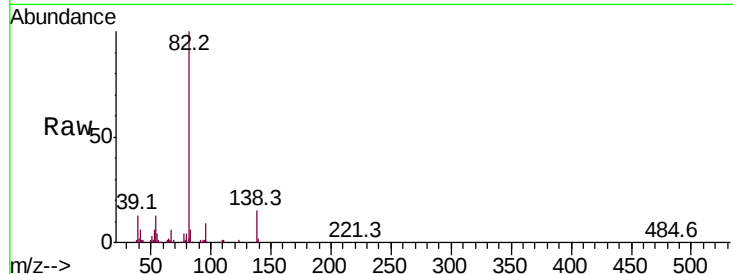
ClientSampleId :

PB111703BS

Tot Ion	82	Resp	231460
Ion Ratio	Lower	Upper	
82	100		
95	8.6	6.2	9.2
138	15.5	12.1	18.1

Manual Integrations
APPROVED

Sohil
8/3/2018 12:58:41 PM



#26

2-Nitrophenol

Concen: 52.688 ng

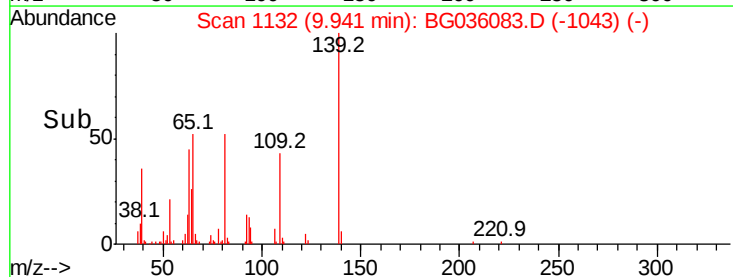
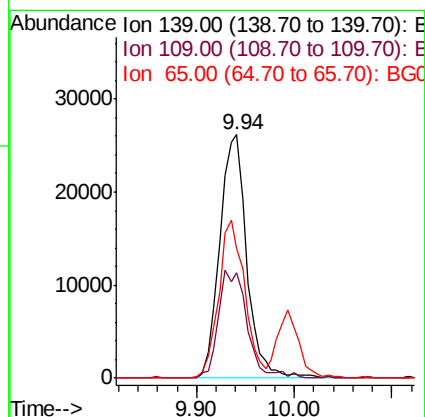
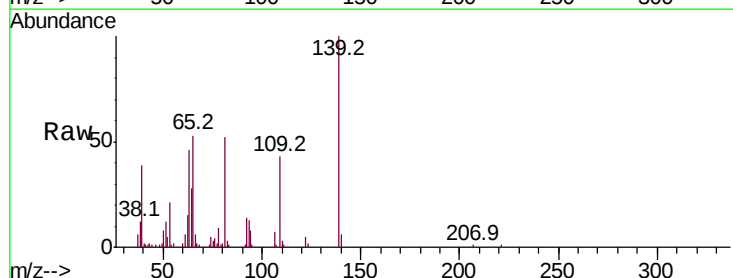
RT: 9.94 min Scan# 1132

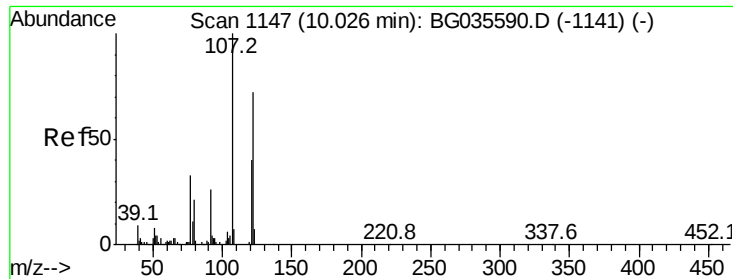
Delta R.T. -0.00 min

Lab File: BG036083.D

Acq: 3 Aug 2018 7:11

Tgt Ion	139	Resp	50115
Ion Ratio	Lower	Upper	
139	100		
109	43.3	24.2	36.2#
65	53.4	47.4	71.0





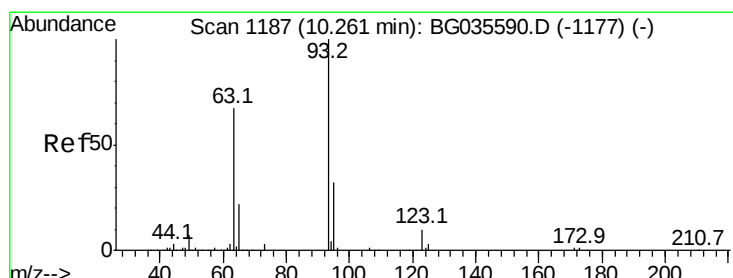
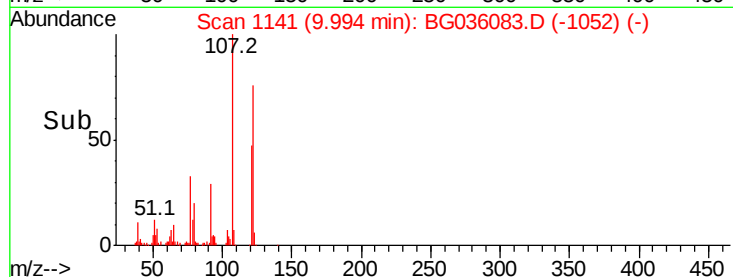
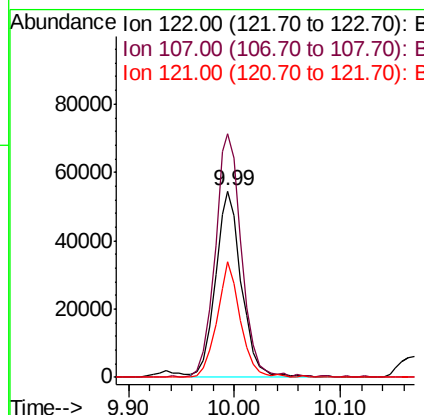
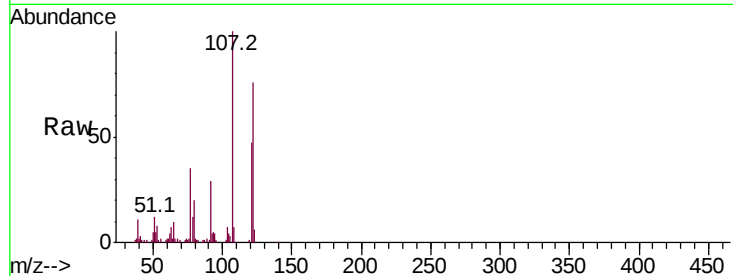
#27
2,4-Dimethylphenol
Concen: 57.793 ng
RT: 9.99 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BG036083.D
Acq: 3 Aug 2018 7:11

Instrument :
BNA_G
ClientSampleId :
PB111703BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	130.8	100.2	150.2
121	62.0	44.4	66.6

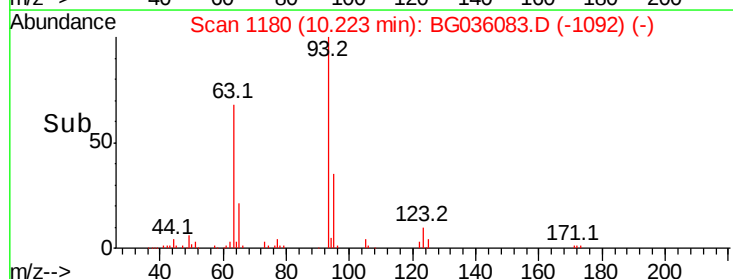
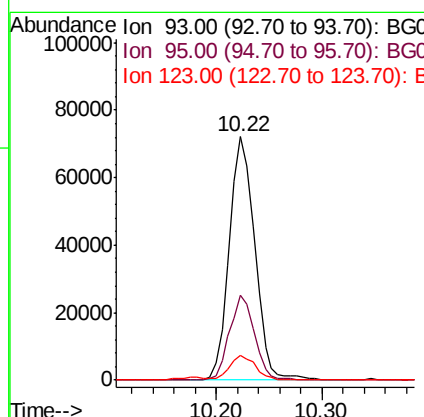
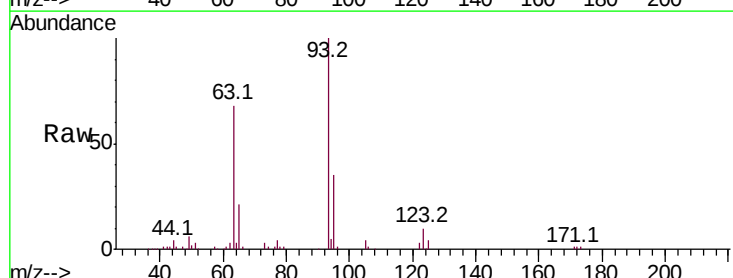
Manual Integrations
APPROVED

Sohil
8/3/2018 12:58:41 PM



#28
bis(2-Chloroethoxy)methane
Concen: 44.266 ng
RT: 10.22 min Scan# 1180
Delta R.T. -0.01 min
Lab File: BG036083.D
Acq: 3 Aug 2018 7:11

Tgt Ion	Ratio	Lower	Upper
93	100		
95	35.0	24.3	36.5
123	9.9	8.4	12.6





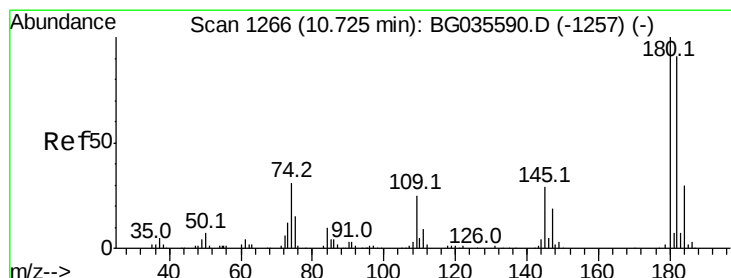
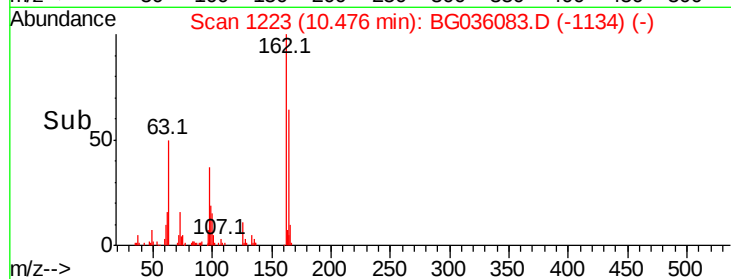
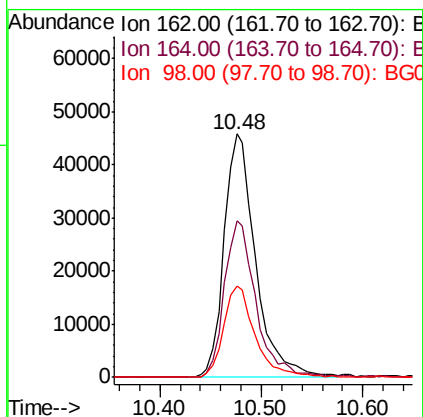
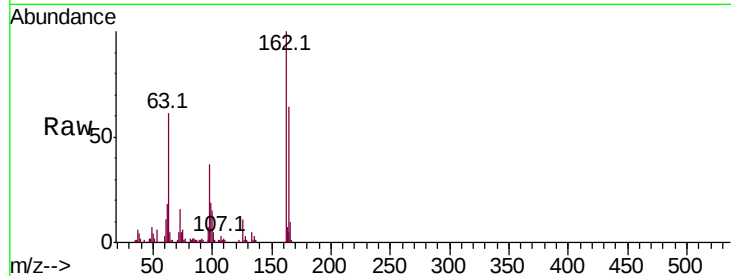
#29
 2,4-Dichlorophenol
 Concen: 53.700 ng
 RT: 10.48 min Scan# 1223
 Delta R.T. -0.00 min
 Lab File: BG036083.D
 Acq: 3 Aug 2018 7:11

Instrument :
 BNA_G
 ClientSampleId :
 PB111703BS

Tot Ion:	162	Resp:	98695
Ion Ratio	Lower	Upper	
162	100		
164	64.3	48.0	88.0
98	37.3	21.1	61.1

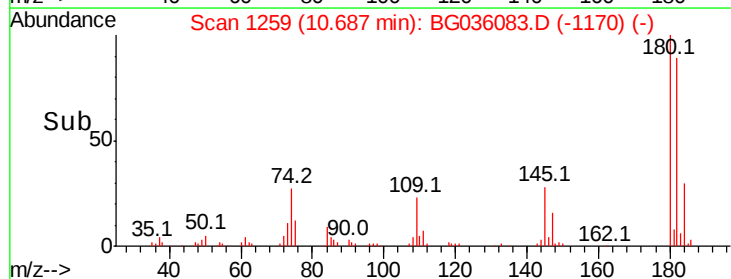
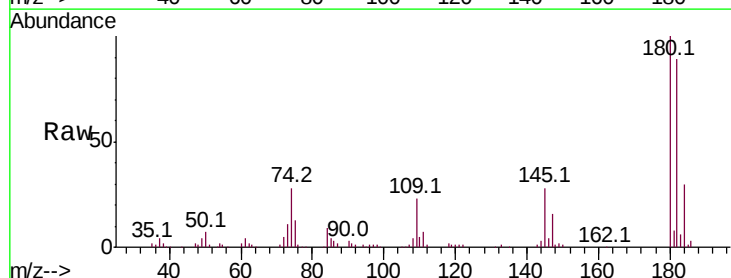
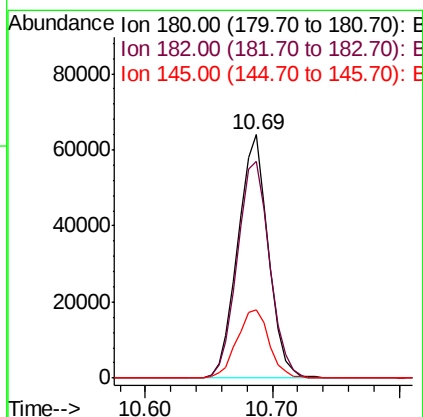
Manual Integrations
 APPROVED

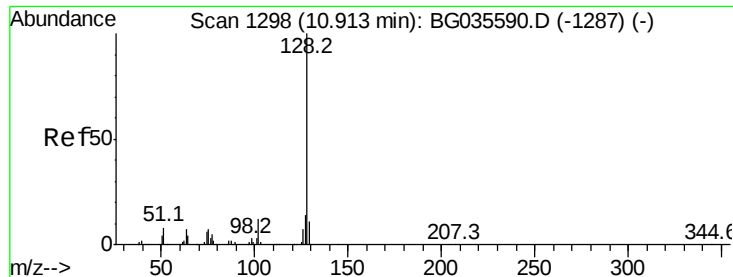
Sohil
 8/3/2018 12:58:41 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 47.205 ng
 RT: 10.69 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: BG036083.D
 Acq: 3 Aug 2018 7:11

Tgt Ion:	180	Resp:	106385
Ion Ratio	Lower	Upper	
180	100		
182	89.2	77.5	116.3
145	28.1	23.4	35.2





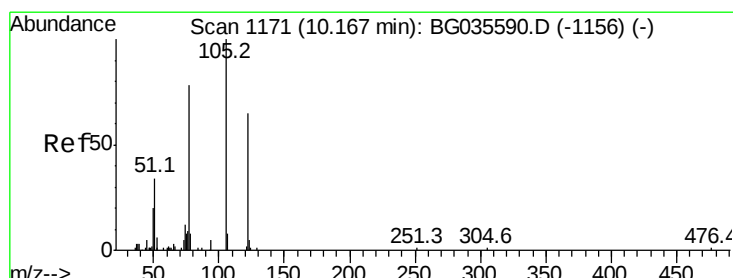
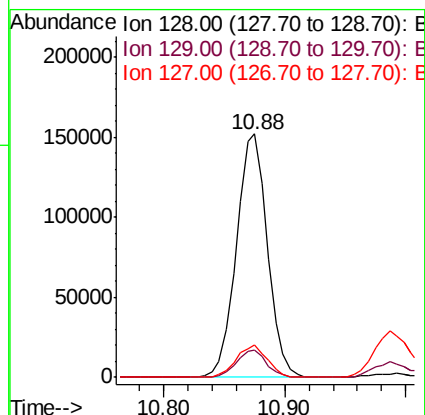
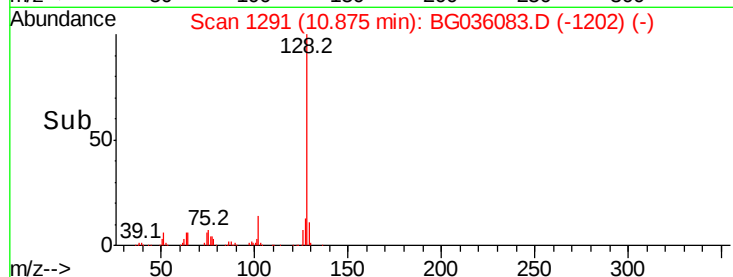
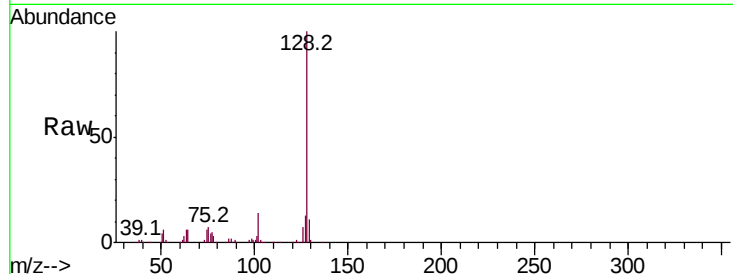
#31
Naphthalene
Concen: 46.801 ng
RT: 10.88 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BG036083.D
Acq: 3 Aug 2018 7:11

Instrument :
BNA_G
ClientSampleId :
PB111703BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	271211		
129	11.3	8.6	12.8	
127	13.2	11.6	17.4	

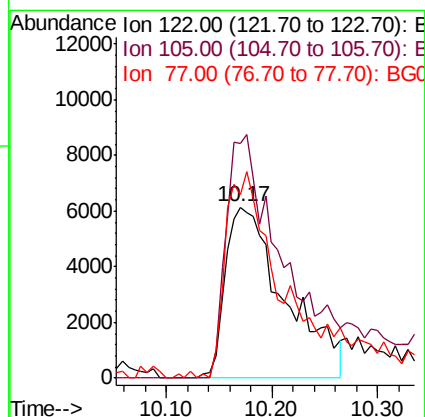
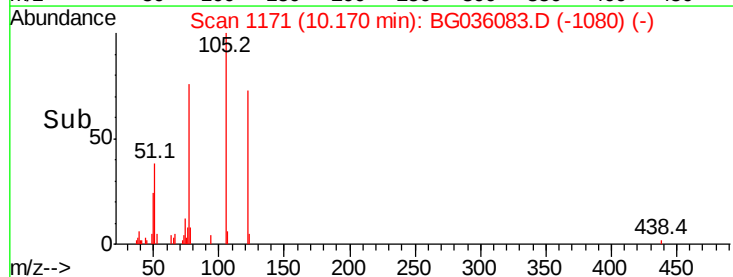
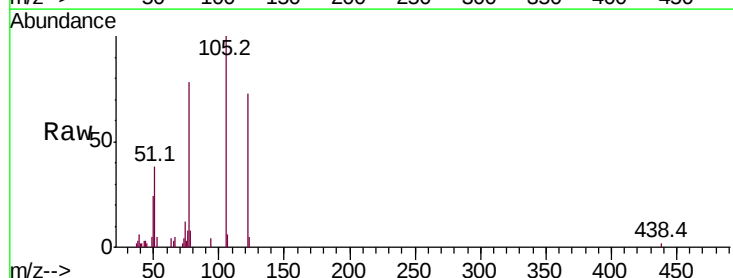
Manual Integrations
APPROVED

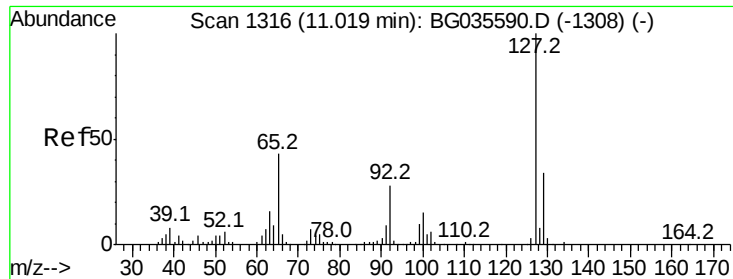
Sohil
8/3/2018 12:58:41 PM



#32
Benzoic acid
Concen: 22.137 ng
RT: 10.17 min Scan# 1171
Delta R.T. 0.01 min
Lab File: BG036083.D
Acq: 3 Aug 2018 7:11

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	23994		
105	137.2	123.5	163.5	
77	107.4	85.7	125.7	





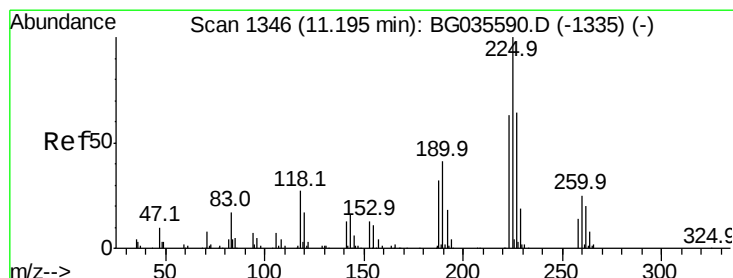
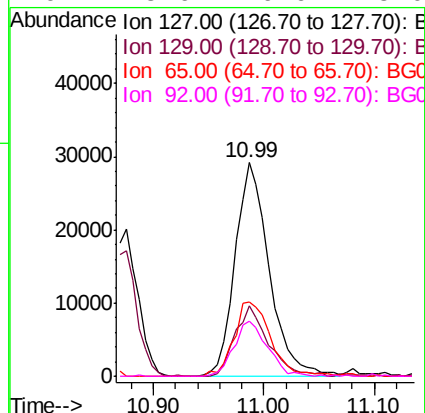
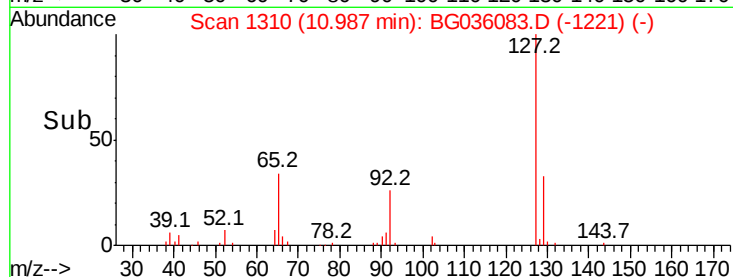
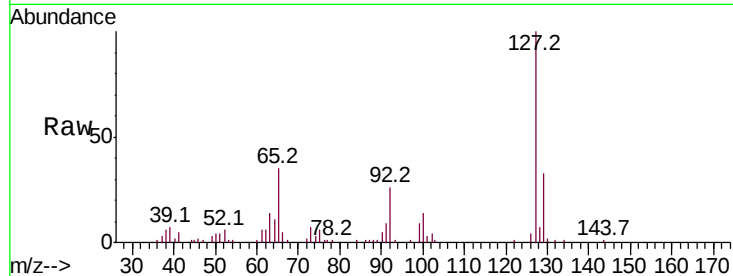
#33
4-Chloroaniline
Concen: 25.110 ng
RT: 10.99 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BG036083.D
Acq: 3 Aug 2018 7:11

Instrument :
BNA_G
ClientSampleId :
PB111703BS

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	33.1	24.0	36.0
65	35.1	27.0	40.4
92	25.6	16.6	25.0#

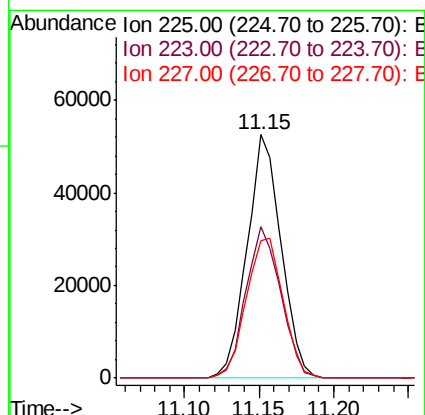
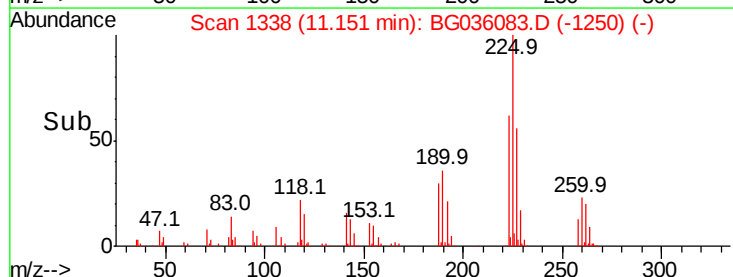
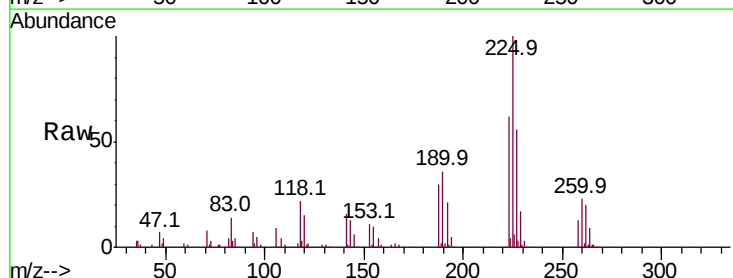
Manual Integrations
APPROVED

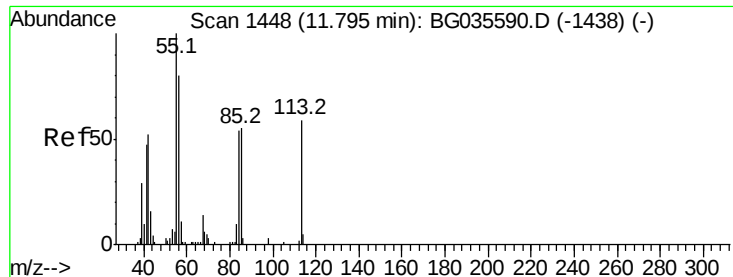
Sohil
8/3/2018 12:58:41 PM



#34
Hexachlorobutadiene
Concen: 47.052 ng
RT: 11.15 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BG036083.D
Acq: 3 Aug 2018 7:11

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	62.3	49.7	74.5
227	56.2	48.1	72.1





#35

Caprolactam

Concen: 44.937 ng/mL

RT: 11.77 min Scan# 1444

Delta R.T. 0.00 min

Lab File: BG036083.D

Acq: 3 Aug 2018 7:11

Instrument :

BNA_G

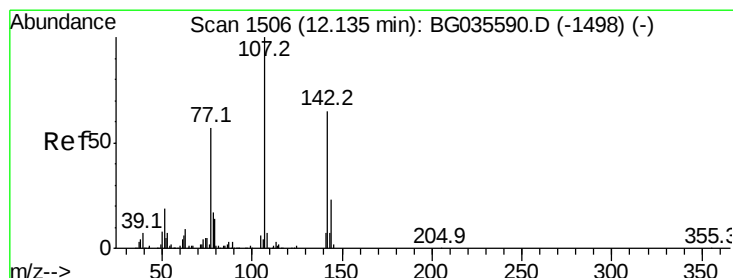
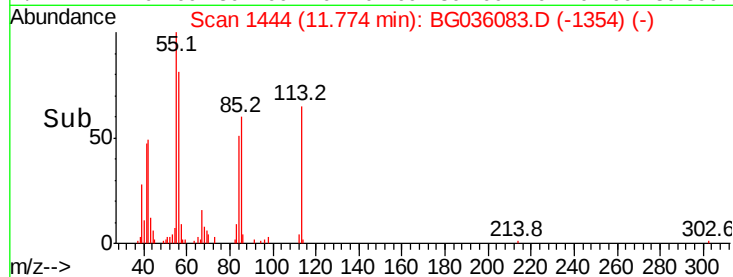
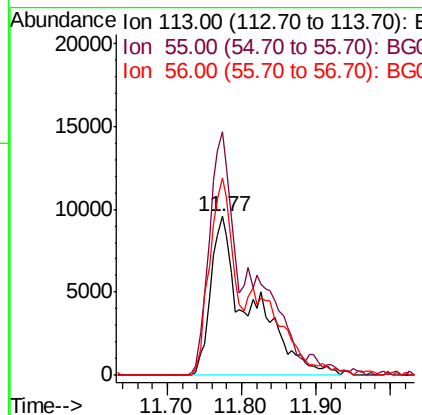
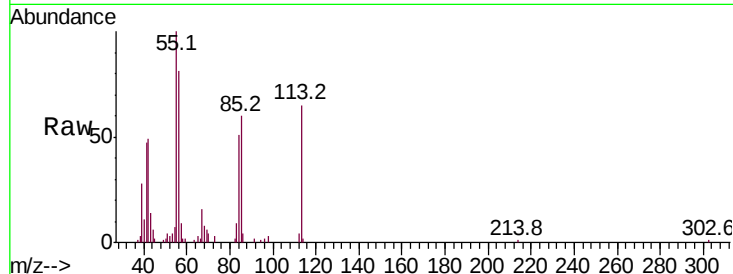
ClientSampleId :

PB111703BS

Tot Ion:113	Resp:	35442
Ion Ratio	Lower	Upper
113	100	
55	153.1	186.9 226.9#
56	124.4	130.9 170.9#

Manual Integrations
APPROVED

Sohil
8/3/2018 12:58:41 PM



#36

4-Chloro-3-methylphenol

Concen: 52.502 ng/mL

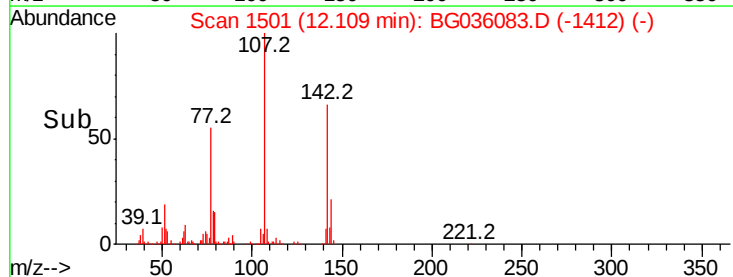
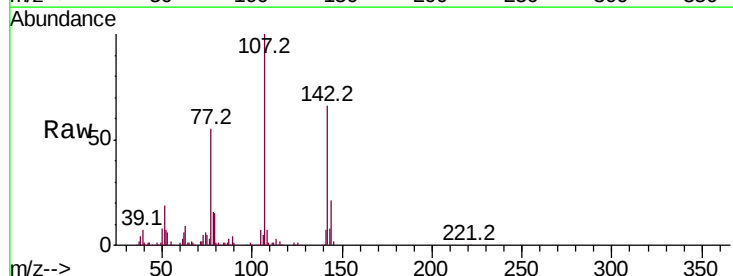
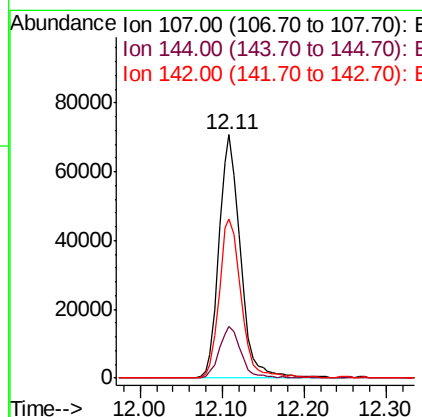
RT: 12.11 min Scan# 1501

Delta R.T. -0.00 min

Lab File: BG036083.D

Acq: 3 Aug 2018 7:11

Tgt Ion:107	Resp:	129339
Ion Ratio	Lower	Upper
107	100	
144	21.1	18.2 27.4
142	65.5	59.0 88.4





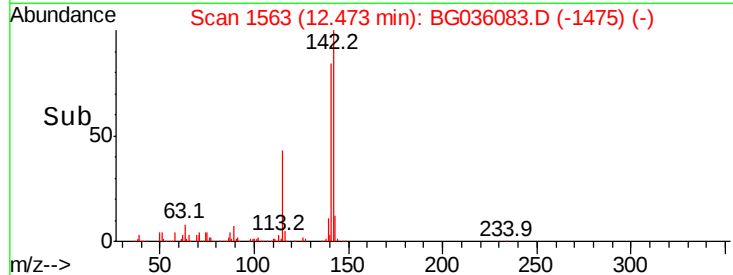
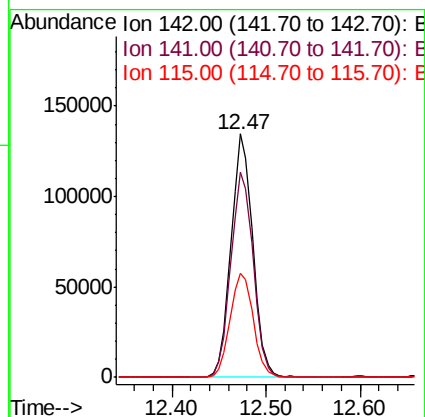
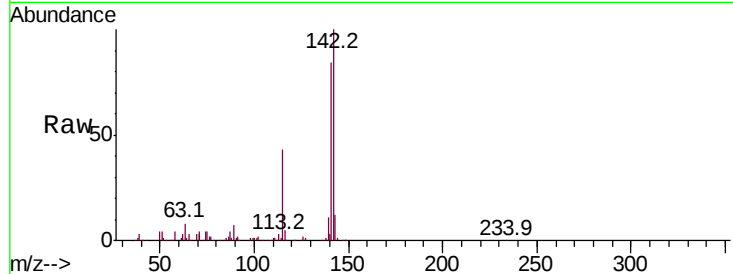
#37
2-Methylnaphthalene
Concen: 50.200 ng
RT: 12.47 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BG036083.D
Acq: 3 Aug 2018 7:11

Instrument :
BNA_G
ClientSampleId :
PB111703BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	216730		
141	84.4	67.1	100.7	
115	42.9	30.7	46.1	

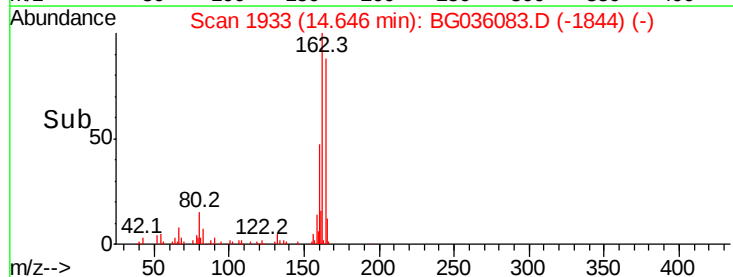
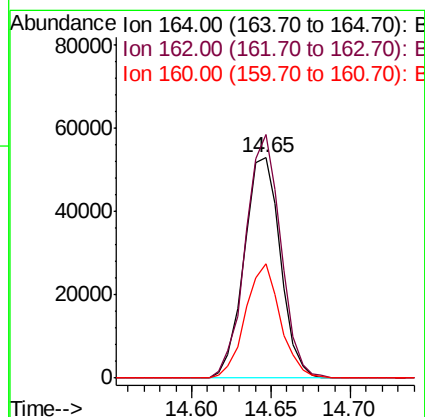
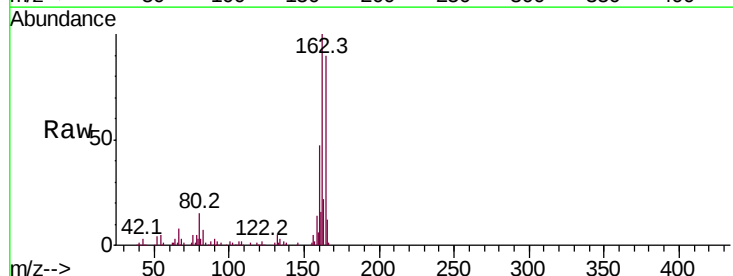
Manual Integrations
APPROVED

Sohil
8/3/2018 12:58:41 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1933
Delta R.T. -0.00 min
Lab File: BG036083.D
Acq: 3 Aug 2018 7:11

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	84291		
162	110.7	78.8	118.2	
160	51.9	35.4	53.0	





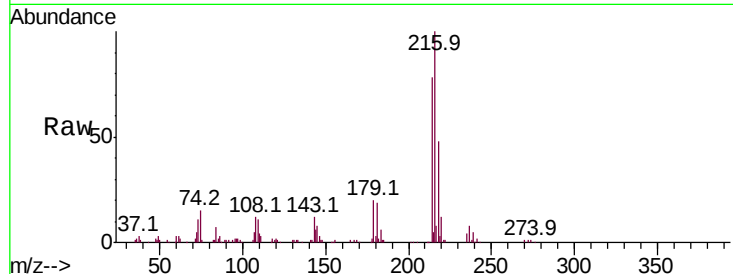
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.954 ng
 RT: 12.84 min Scan# 1626
 Delta R.T. -0.00 min
 Lab File: BG036083.D
 Acq: 3 Aug 2018 7:11

Instrument :
 BNA_G
 ClientSampleId :
 PB111703BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	80.1	63.0	94.4
179	20.5	17.0	25.6
108	17.2	12.8	19.2

Manual Integrations
 APPROVED

Sohil
 8/3/2018 12:58:41 PM



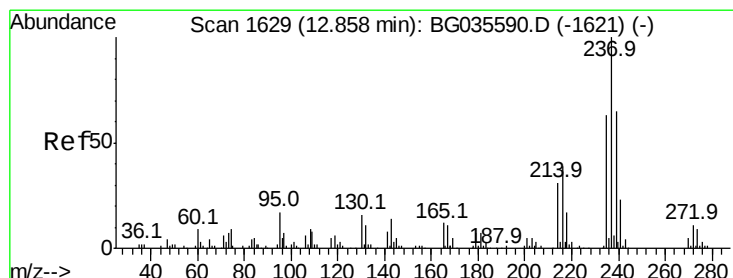
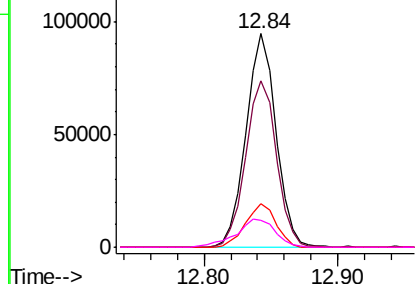
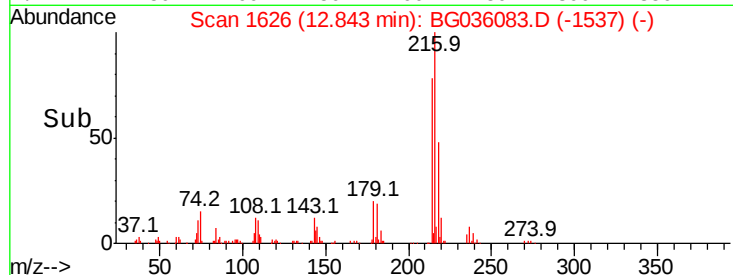
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

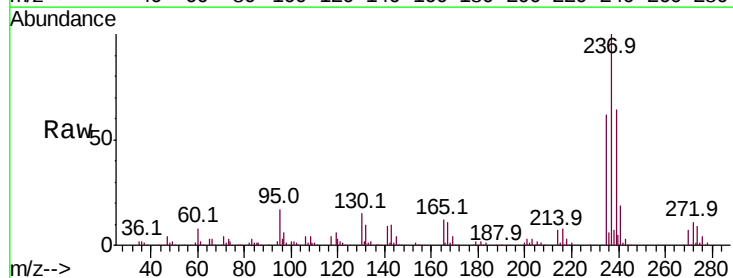
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 104.395 ng
 RT: 12.82 min Scan# 1622
 Delta R.T. -0.00 min
 Lab File: BG036083.D
 Acq: 3 Aug 2018 7:11

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	61.6	50.4	90.4
272	11.1	0.0	31.8

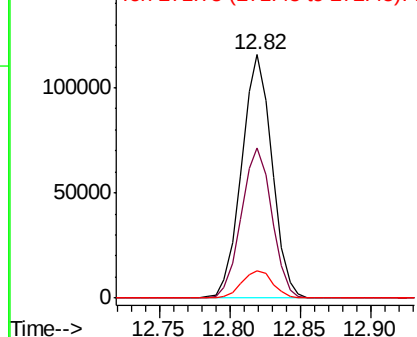
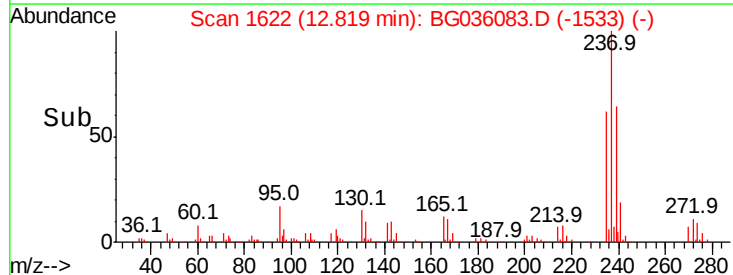


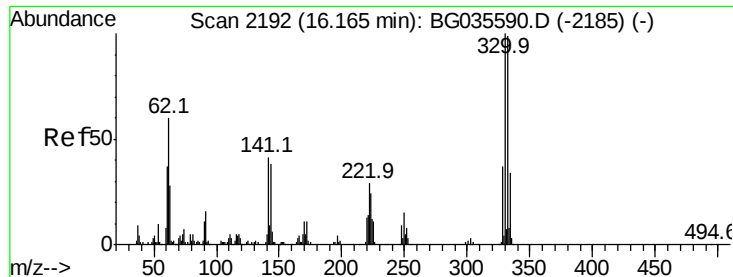
Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





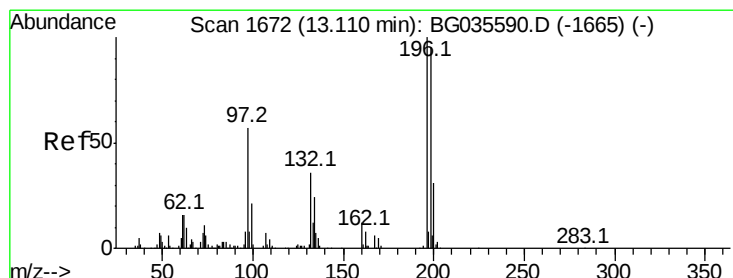
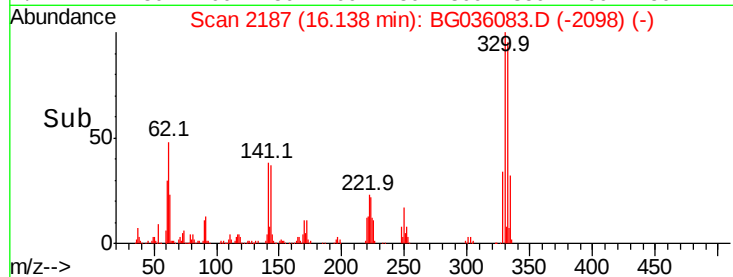
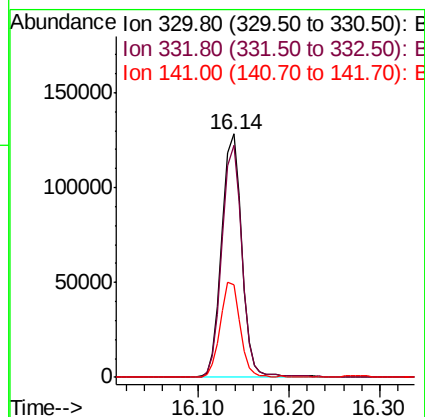
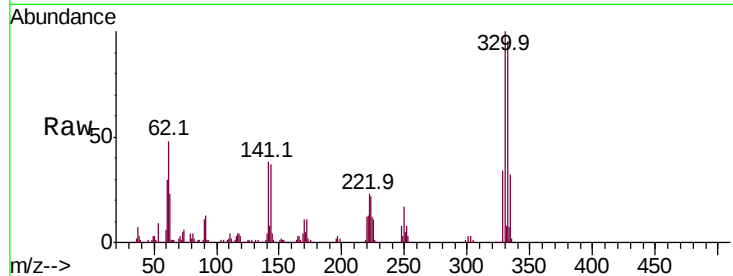
#41
 2,4,6-Tribromophenol
 Concen: 177.564 ng
 RT: 16.14 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: BG036083.D
 Acq: 3 Aug 2018 7:11

Instrument :
 BNA_G
 ClientSampleId :
 PB111703BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	197275		
332	94.9	77.0	115.6	
141	38.6	25.2	37.8	

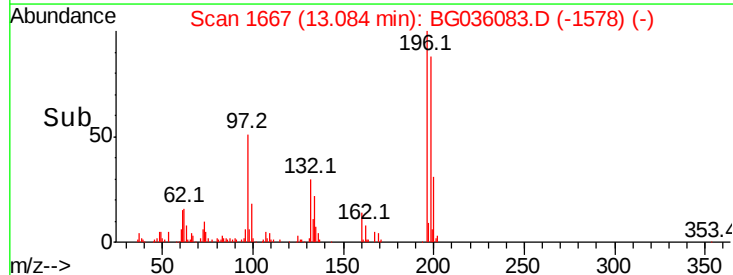
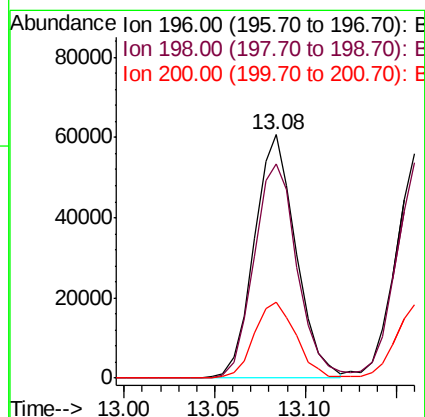
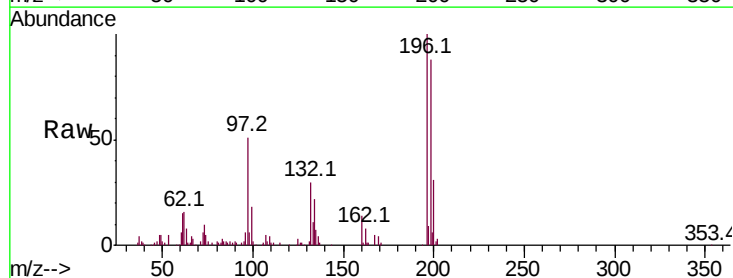
Manual Integrations
 APPROVED

Sohil
 8/3/2018 12:58:41 PM



#42
 2,4,6-Trichlorophenol
 Concen: 52.260 ng
 RT: 13.08 min Scan# 1667
 Delta R.T. -0.00 min
 Lab File: BG036083.D
 Acq: 3 Aug 2018 7:11

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	97231		
198	88.1	78.2	117.2	
200	31.1	24.6	36.8	





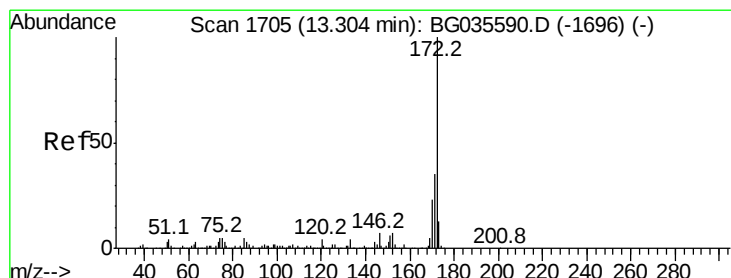
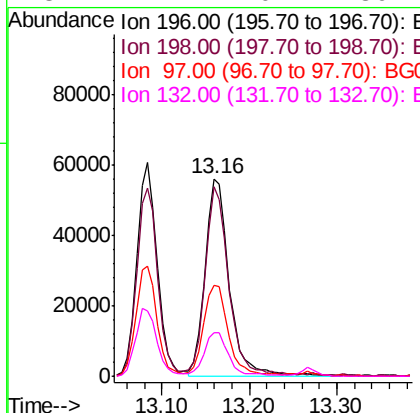
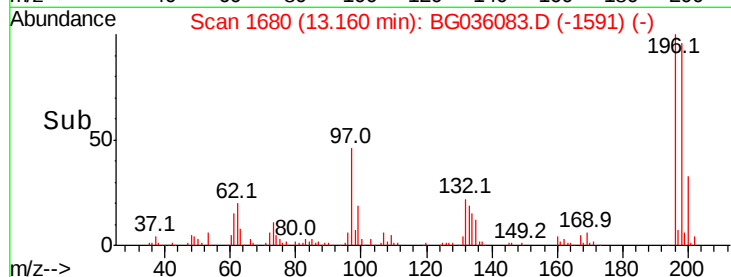
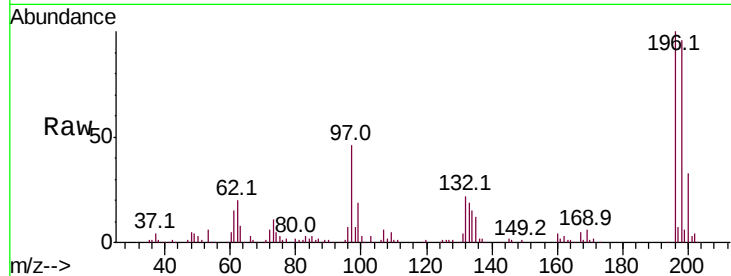
#43
 2,4,5-Trichlorophenol
 Concen: 52.189 ng
 RT: 13.16 min Scan# 1680
 Delta R.T. -0.00 min
 Lab File: BG036083.D
 Acq: 3 Aug 2018 7:11

Instrument :
 BNA_G
 ClientSampleId :
 PB111703BS

Tot Ion	196	Resp	108623
Ion Ratio	Lower	Upper	
196	100		
198	95.8	76.2	114.4
97	45.9	38.7	58.1
132	22.4	20.2	30.2

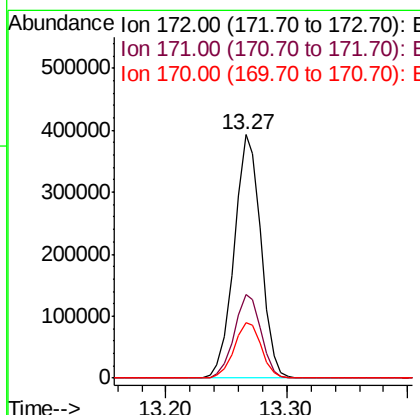
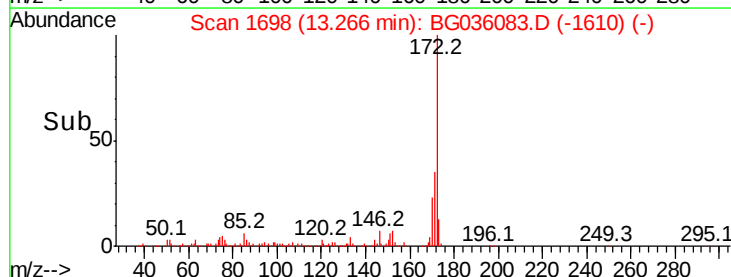
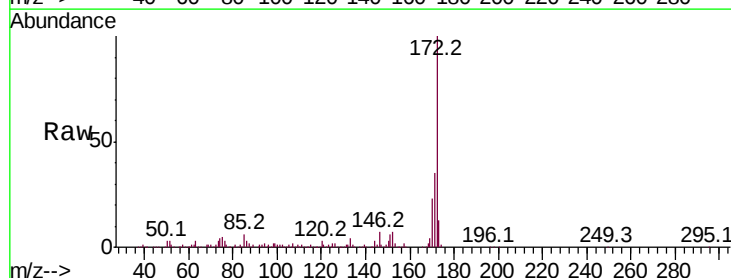
Manual Integrations
 APPROVED

Sohil
 8/3/2018 12:58:41 PM



#44
 2-Fluorobiphenyl
 Concen: 95.900 ng
 RT: 13.27 min Scan# 1698
 Delta R.T. -0.01 min
 Lab File: BG036083.D
 Acq: 3 Aug 2018 7:11

Tgt Ion	172	Resp	603362
Ion Ratio	Lower	Upper	
172	100		
171	34.5	30.0	45.0
170	22.9	19.5	29.3





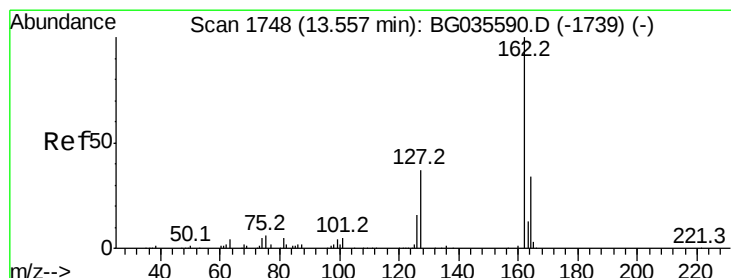
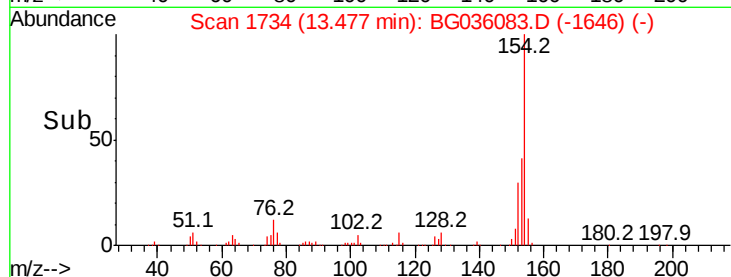
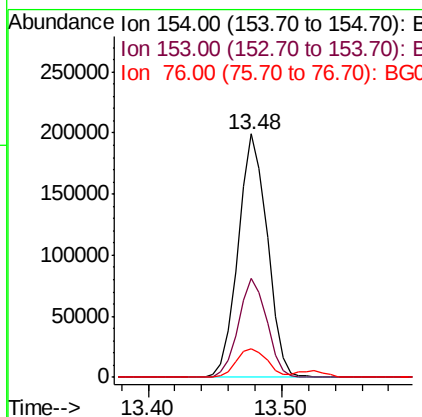
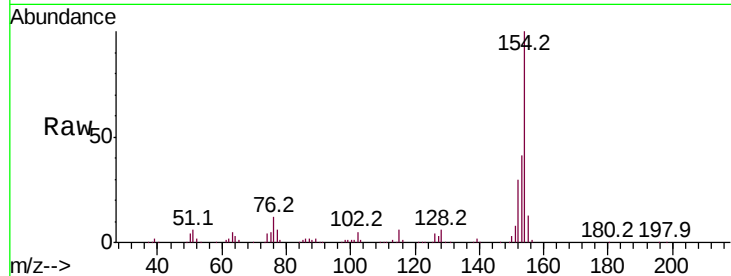
#45
 1,1'-Biphenyl
 Concen: 45.927 ng
 RT: 13.48 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG036083.D
 Acq: 3 Aug 2018 7:11

Instrument :
 BNA_G
 ClientSampleID :
 PB111703BS

Tot Ion:	154	Resp:	300132
Ion Ratio	Lower	Upper	
154	100		
153	40.5	19.8	59.8
76	12.0	0.0	31.9

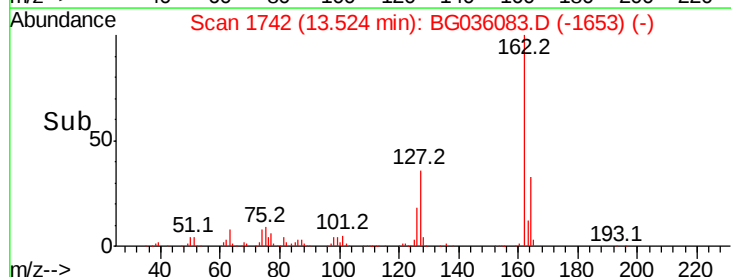
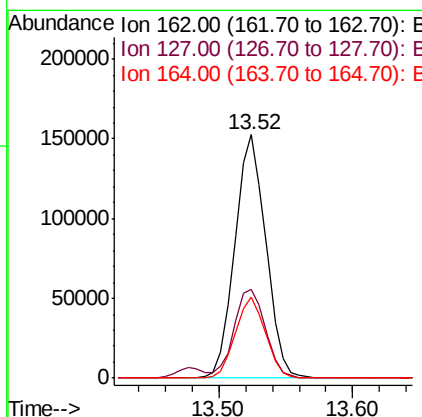
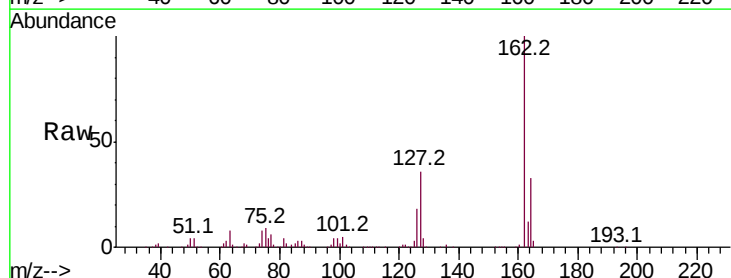
Manual Integrations
 APPROVED

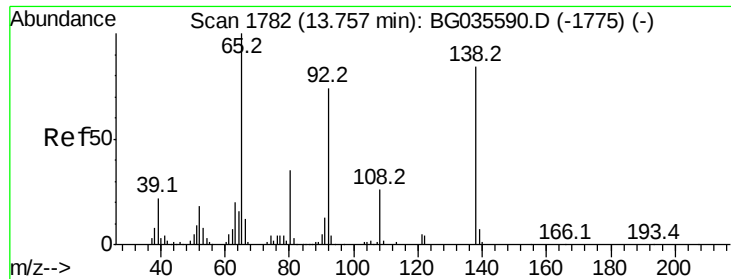
Sohil
 8/3/2018 12:58:41 PM



#46
 2-Chloronaphthalene
 Concen: 48.224 ng
 RT: 13.52 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: BG036083.D
 Acq: 3 Aug 2018 7:11

Tgt Ion:	162	Resp:	245131
Ion Ratio	Lower	Upper	
162	100		
127	36.3	30.7	46.1
164	33.1	26.0	39.0





#47

2-Nitroaniline

Concen: 48.288 ng

RT: 13.73 min Scan# 1777

Delta R.T. -0.00 min

Lab File: BG036083.D

Acq: 3 Aug 2018 7:11

Instrument :

BNA_G

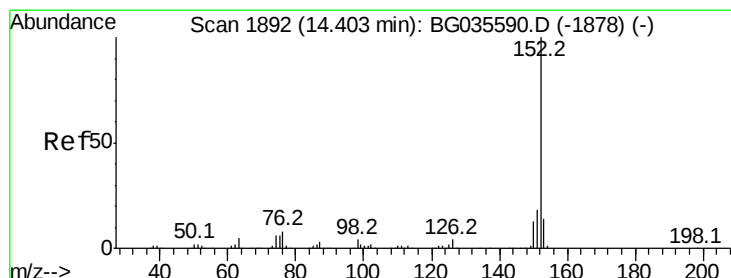
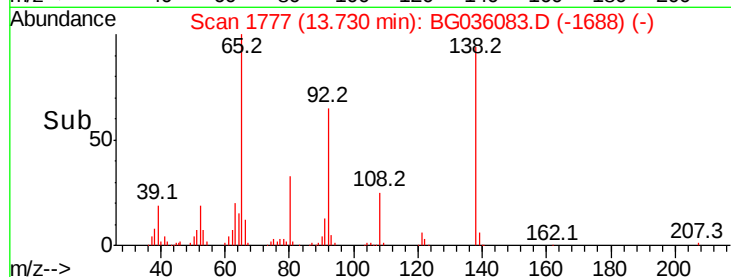
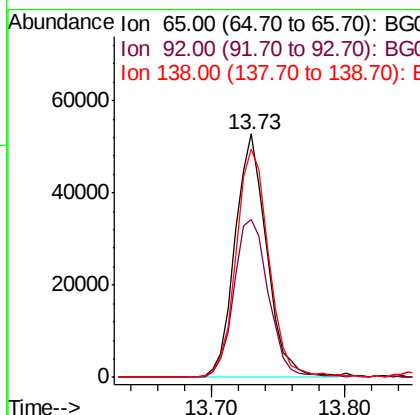
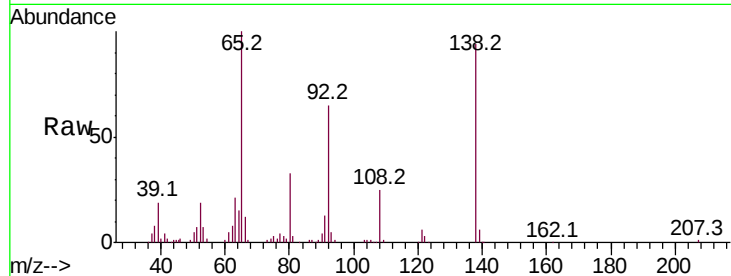
ClientSampleId :

PB111703BS

Tot Ion:	65	Resp:	86777
Ion Ratio	Lower	Upper	
65	100		
92	64.8	54.6	82.0
138	93.9	72.9	109.3

Manual Integrations
APPROVED

Sohil
8/3/2018 12:58:41 PM



#48

Acenaphthylene

Concen: 48.022 ng

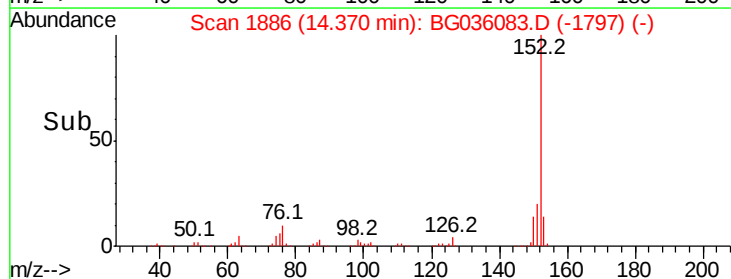
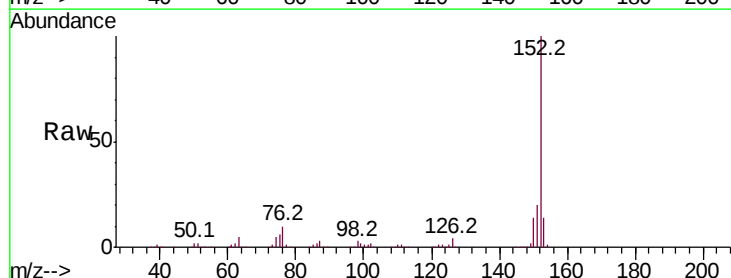
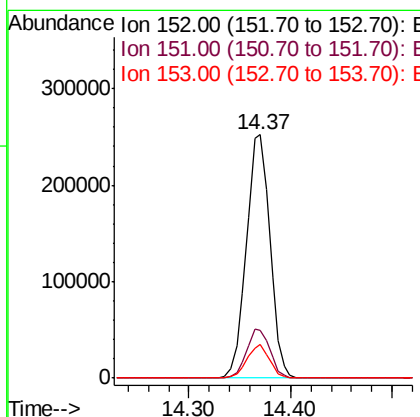
RT: 14.37 min Scan# 1886

Delta R.T. -0.00 min

Lab File: BG036083.D

Acq: 3 Aug 2018 7:11

Tgt Ion:	152	Resp:	408904
Ion Ratio	Lower	Upper	
152	100		
151	19.8	17.2	25.8
153	13.7	10.2	15.4





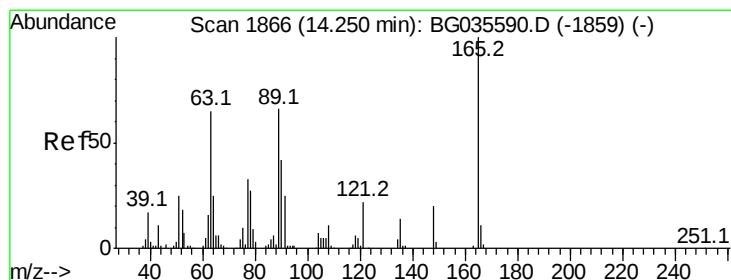
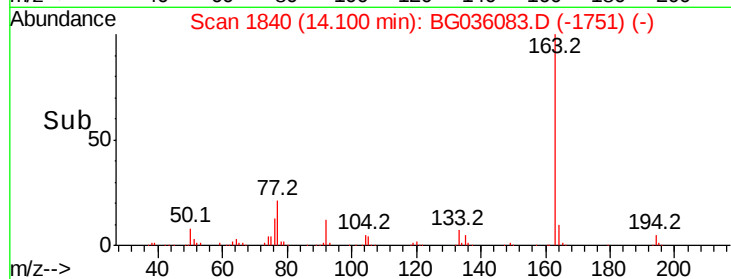
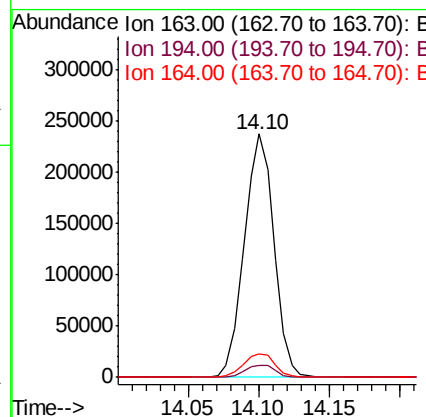
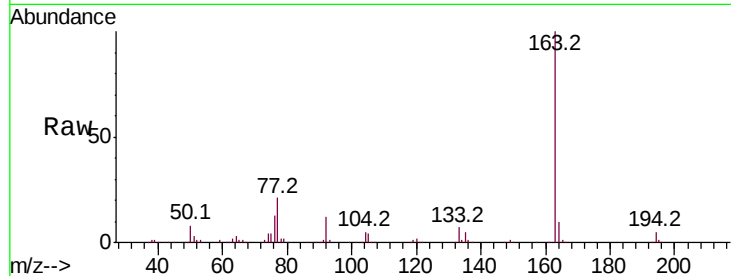
#49
Dimethylphthalate
Concen: 47.232 ng
RT: 14.10 min Scan# 1840
Delta R.T. -0.00 min
Lab File: BG036083.D
Acq: 3 Aug 2018 7:11

Instrument :
BNA_G
ClientSampleId :
PB111703BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	348817		
194	4.8	3.4	5.2	
164	9.7	8.2	12.4	

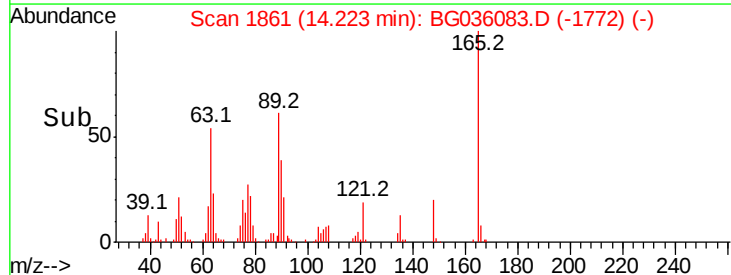
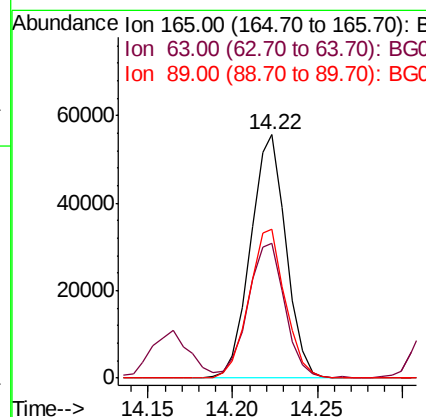
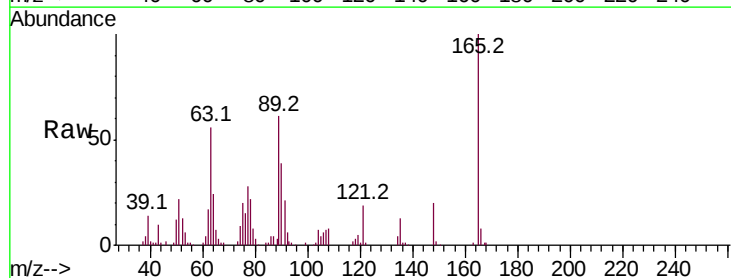
Manual Integrations
APPROVED

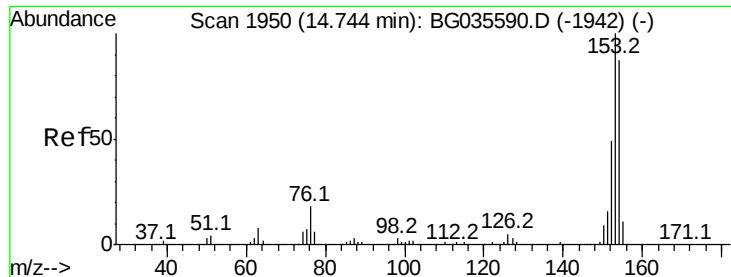
Sohil
8/3/2018 12:58:41 PM



#50
2,6-Dinitrotoluene
Concen: 53.882 ng
RT: 14.22 min Scan# 1861
Delta R.T. -0.00 min
Lab File: BG036083.D
Acq: 3 Aug 2018 7:11

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	81033		
63	55.5	52.7	79.1	
89	61.2	49.2	73.8	





#51

Acenaphthene

Concen: 45.315 ng

RT: 14.71 min Scan# 1944

Delta R.T. -0.00 min

Lab File: BG036083.D

Acq: 3 Aug 2018 7:11

Instrument :

BNA_G

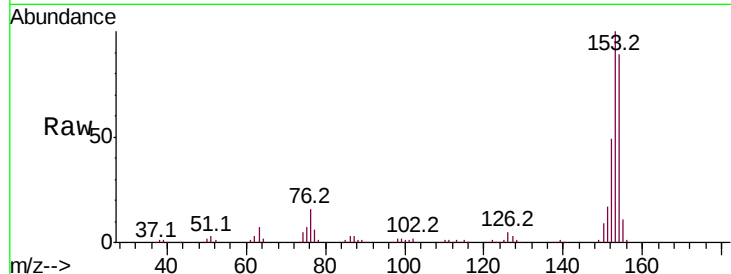
ClientSampleId :

PB111703BS

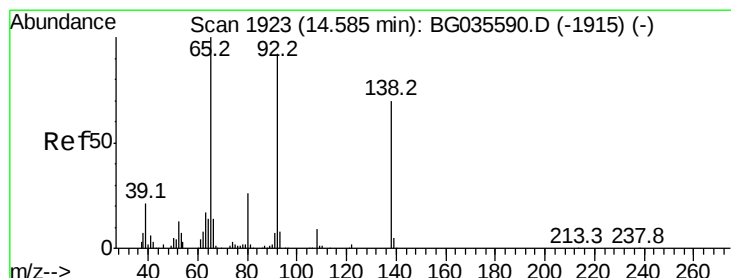
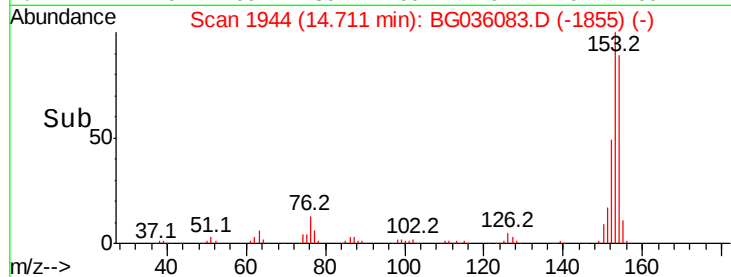
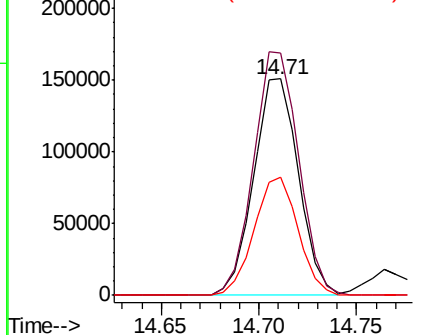
Tot Ion:	154	Resp:	240362
Ion Ratio	Lower	Upper	
154	100		
153	111.9	90.4	135.6
152	54.8	41.6	62.4

Manual Integrations
APPROVED

Sohil
8/3/2018 12:58:41 PM



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



#52

3-Nitroaniline

Concen: 33.823 ng

RT: 14.56 min Scan# 1918

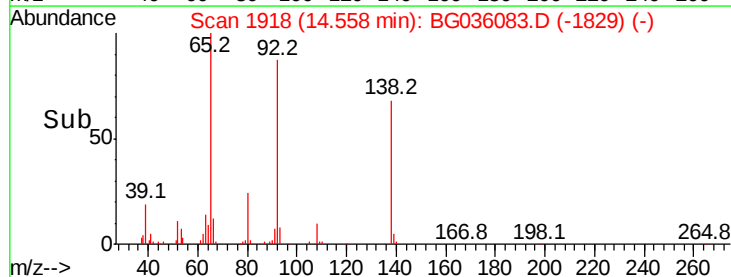
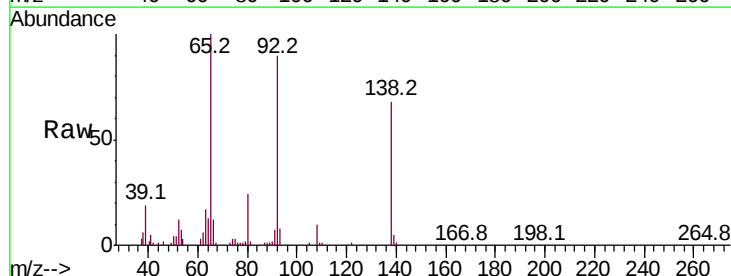
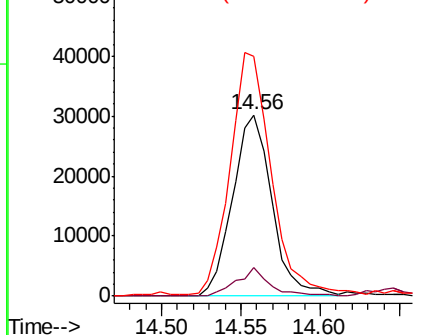
Delta R.T. -0.00 min

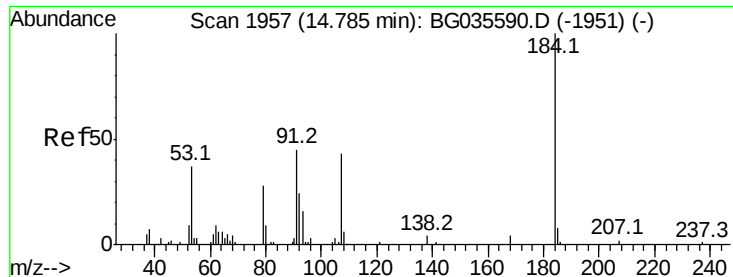
Lab File: BG036083.D

Acq: 3 Aug 2018 7:11

Tgt Ion:	138	Resp:	51988
Ion Ratio	Lower	Upper	
138	100		
108	15.4	17.5	26.3#
92	132.0	105.8	158.8

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





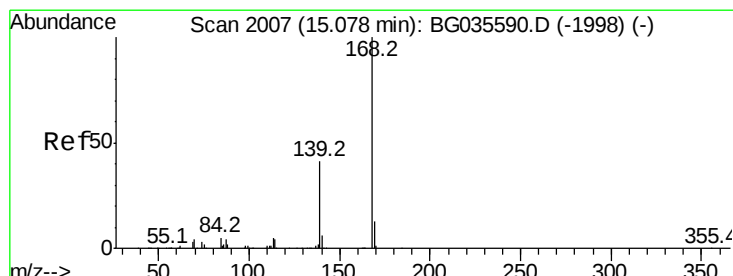
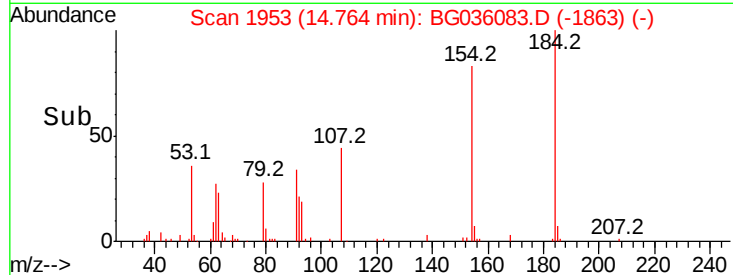
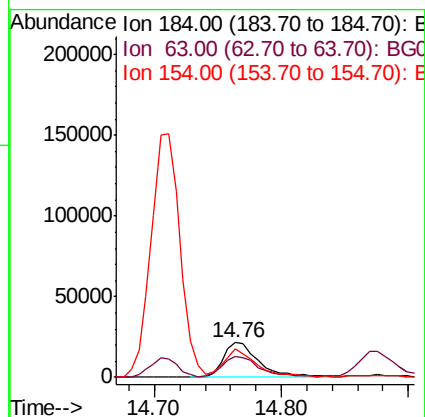
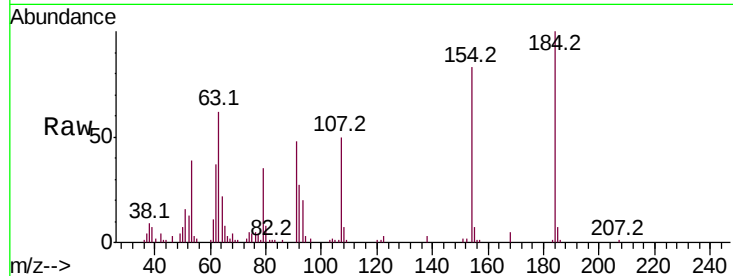
#53
 2,4-Dinitrophenol
 Concen: 56.414 ng
 RT: 14.76 min Scan# 1953
 Delta R.T. 0.00 min
 Lab File: BG036083.D
 Acq: 3 Aug 2018 7:11

Instrument :
 BNA_G
 ClientSampleId :
 PB111703BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	61.7	59.8	89.8	
154	82.9	101.8	152.8	

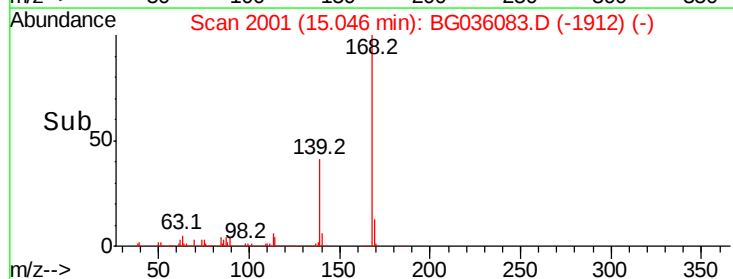
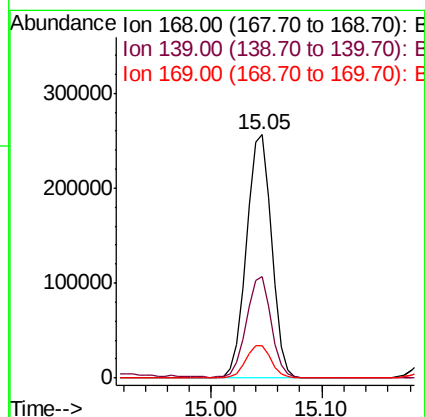
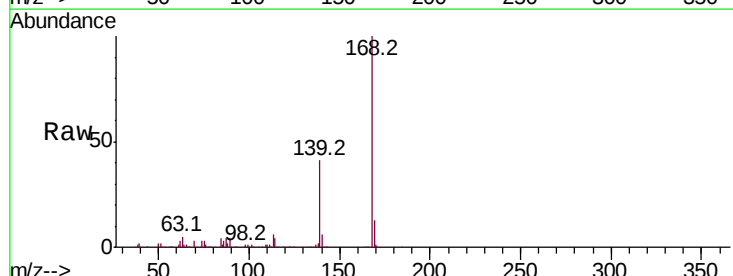
Manual Integrations
 APPROVED

Sohil
 8/3/2018 12:58:41 PM



#54
 Dibenzofuran
 Concen: 48.691 ng
 RT: 15.05 min Scan# 2001
 Delta R.T. -0.00 min
 Lab File: BG036083.D
 Acq: 3 Aug 2018 7:11

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	41.5	28.6	43.0	
169	13.3	11.2	16.8	





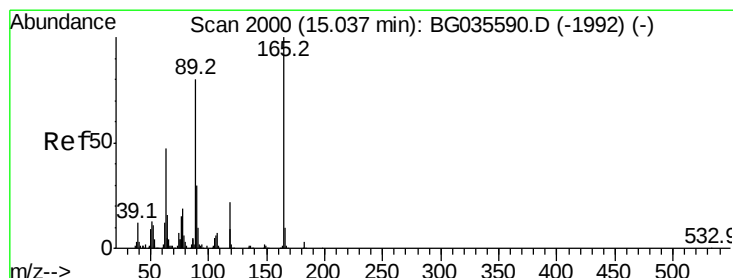
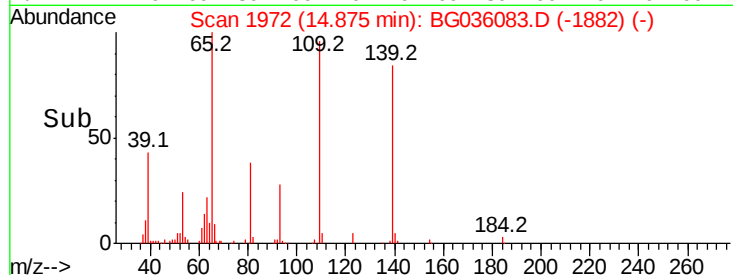
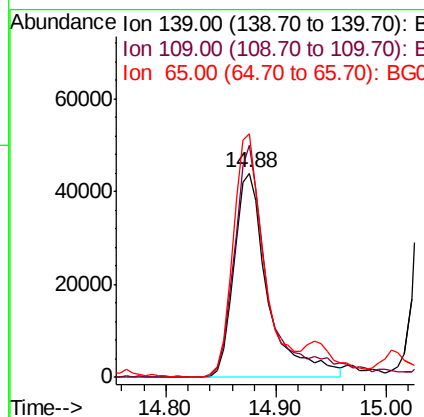
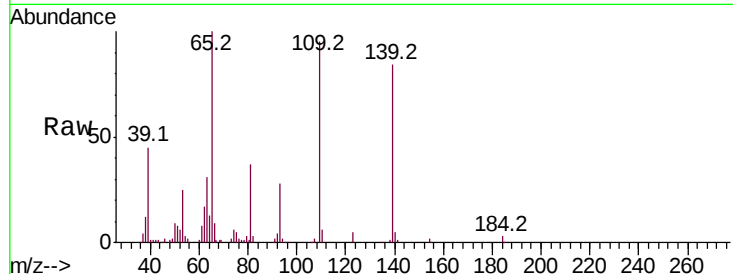
#55
4-Nitrophenol
Concen: 86.860 ng
RT: 14.88 min Scan# 1972
Delta R.T. 0.00 min
Lab File: BG036083.D
Acq: 3 Aug 2018 7:11

Instrument :
BNA_G
ClientSampleId :
PB111703BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	113.8	62.2	102.2#	
65	119.1	97.2	137.2	

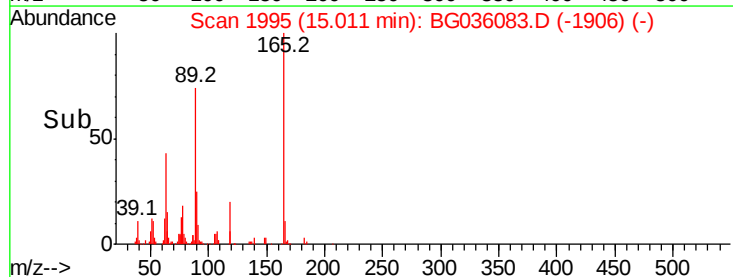
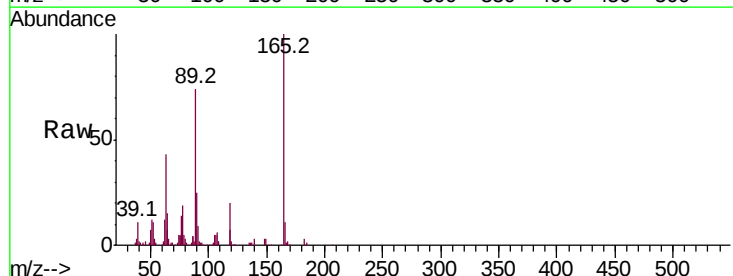
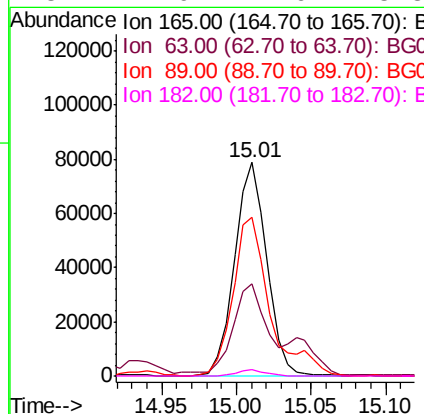
Manual Integrations
APPROVED

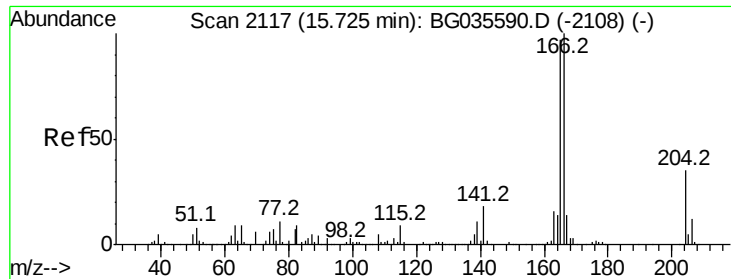
Sohil
8/3/2018 12:58:41 PM



#56
2,4-Dinitrotoluene
Concen: 54.846 ng
RT: 15.01 min Scan# 1995
Delta R.T. -0.00 min
Lab File: BG036083.D
Acq: 3 Aug 2018 7:11

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	43.2	42.0	63.0	
89	74.3	66.9	100.3	
182	2.9	2.6	3.8	





#57

Fluorene

Concen: 49.435 ng

RT: 15.69 min Scan# 2111

Delta R.T. -0.00 min

Lab File: BG036083.D

Acq: 3 Aug 2018 7:11

Instrument :

BNA_G

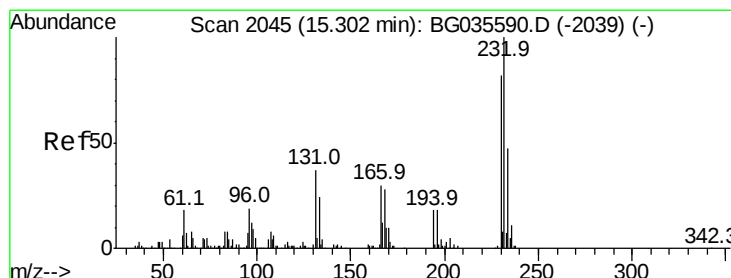
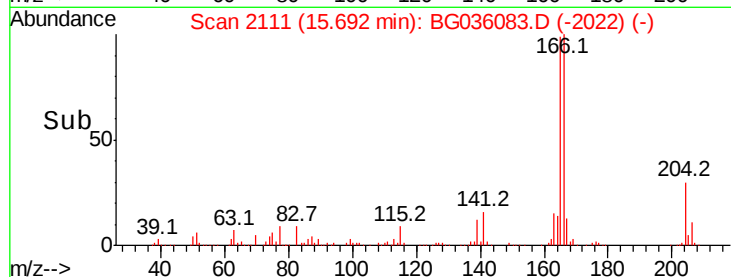
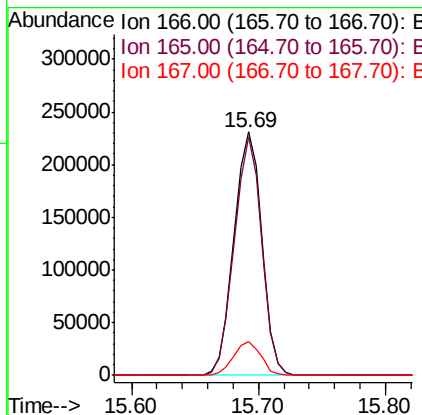
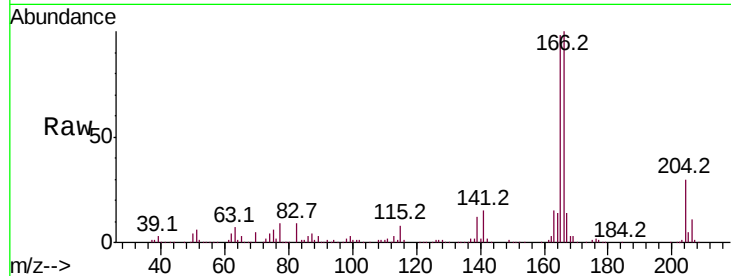
ClientSampleId :

PB111703BS

Tot Ion:	166	Resp:	349527
Ion Ratio	Lower	Upper	
166	100		
165	98.0	80.6	121.0
167	13.6	10.4	15.6

Manual Integrations
APPROVED

Sohil
8/3/2018 12:58:41 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 55.867 ng

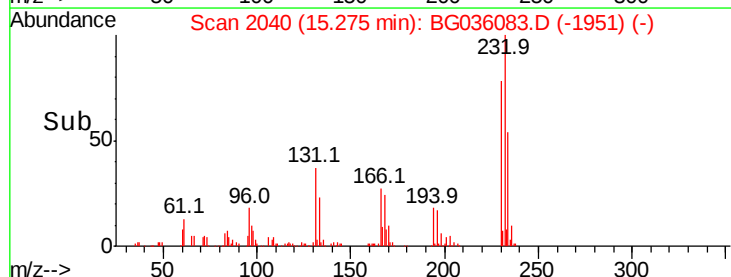
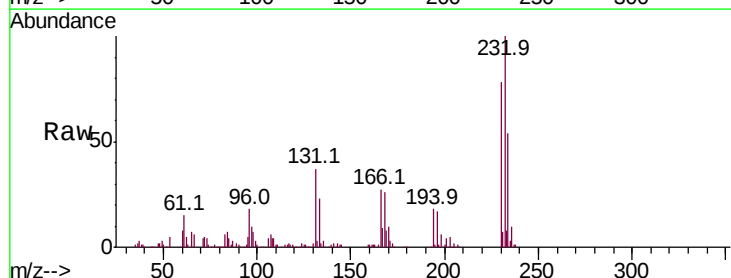
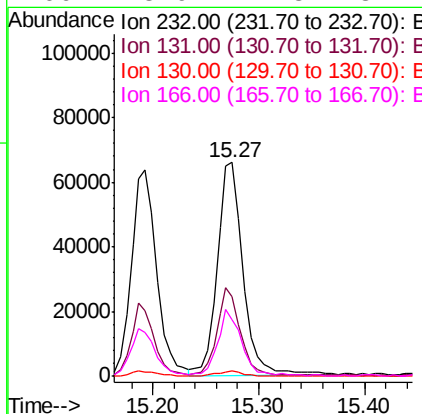
RT: 15.27 min Scan# 2040

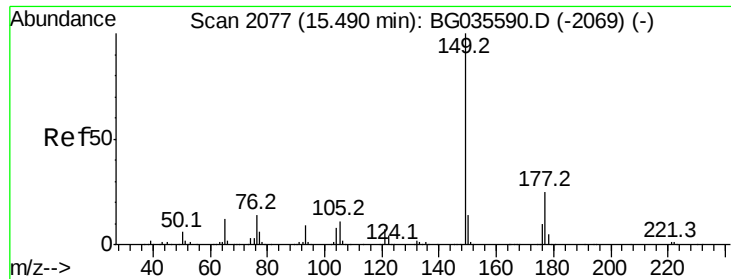
Delta R.T. -0.00 min

Lab File: BG036083.D

Acq: 3 Aug 2018 7:11

Tgt Ion:	232	Resp:	111488
Ion Ratio	Lower	Upper	
232	100		
131	37.0	33.5	50.3
130	2.2	2.2	3.2#
166	28.9	24.8	37.2





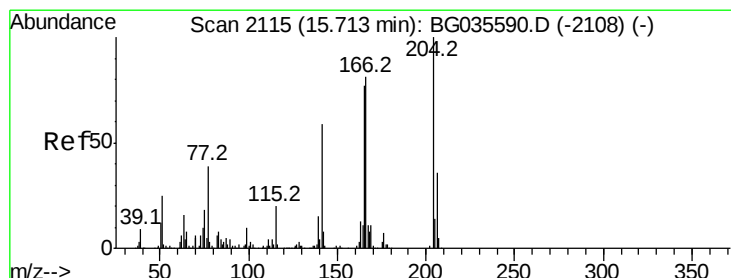
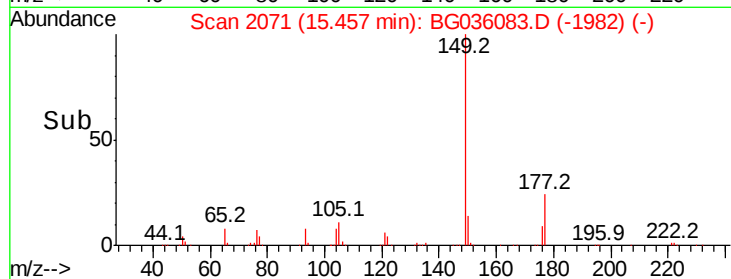
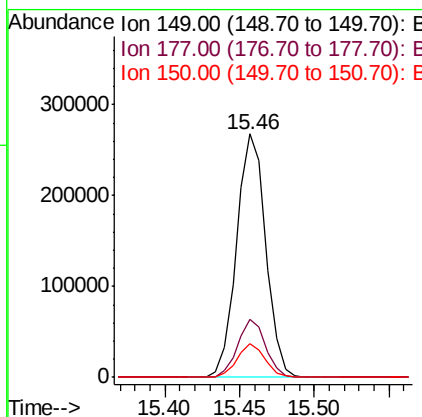
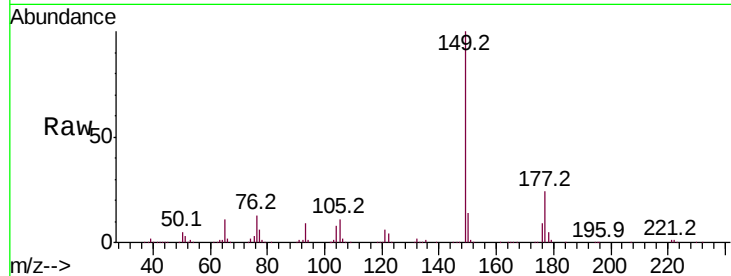
#59
Diethylphthalate
Concen: 47.828 ng
RT: 15.46 min Scan# 2071
Delta R.T. -0.00 min
Lab File: BG036083.D
Acq: 3 Aug 2018 7:11

Instrument :
BNA_G
ClientSampleId :
PB111703BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	363197		
177	23.8	18.5	27.7	
150	13.7	10.2	15.2	

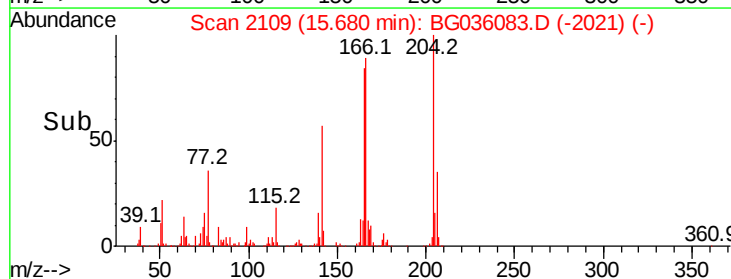
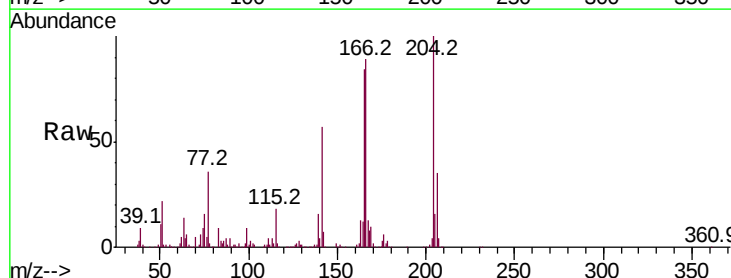
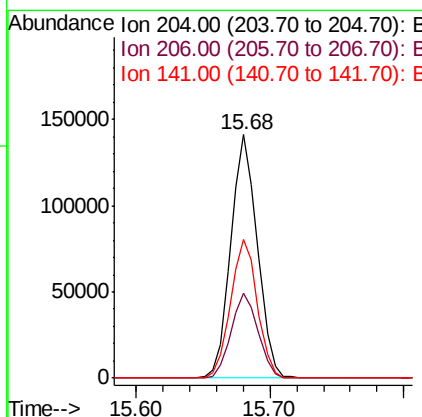
Manual Integrations
APPROVED

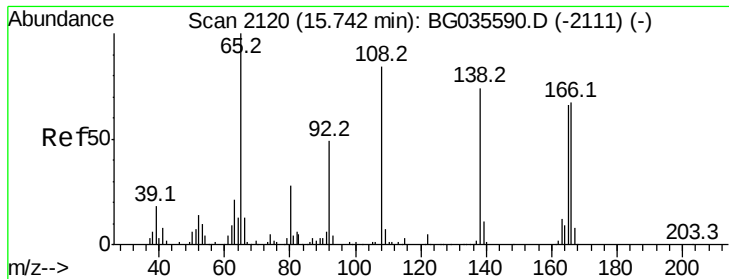
Sohil
8/3/2018 12:58:41 PM



#60
4-Chlorophenyl-phenylether
Concen: 47.220 ng
RT: 15.68 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BG036083.D
Acq: 3 Aug 2018 7:11

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	196227		
206	35.0	26.2	39.2	
141	56.8	45.8	68.6	





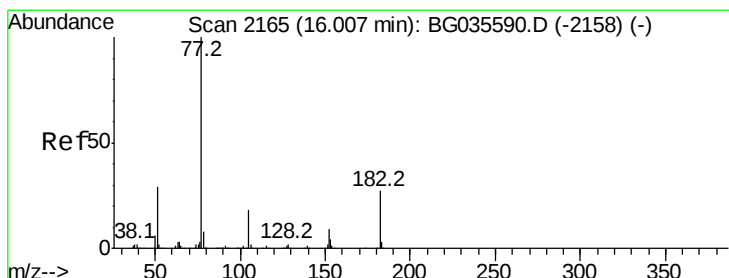
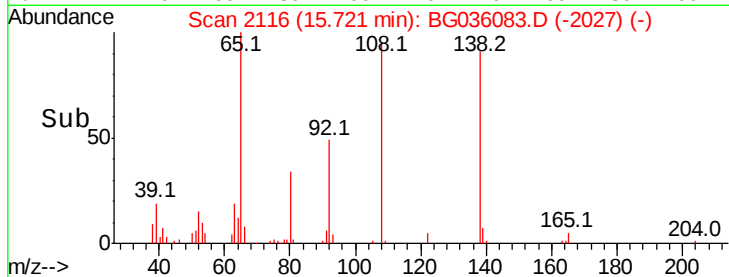
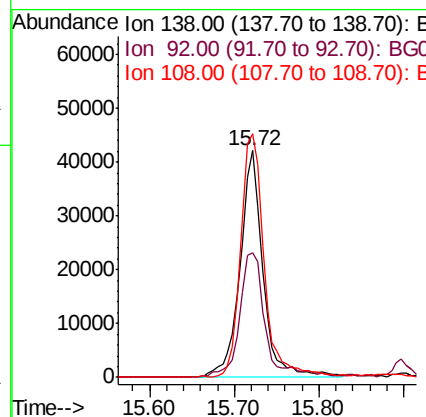
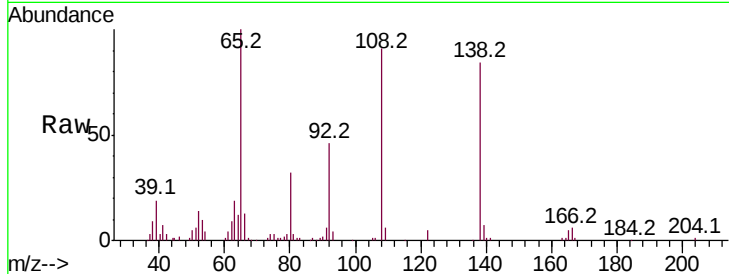
#61
4-Nitroaniline
Concen: 48.827 ng
RT: 15.72 min Scan# 2116
Delta R.T. -0.00 min
Lab File: BG036083.D
Acq: 3 Aug 2018 7:11

Instrument :
BNA_G
ClientSampleId :
PB111703BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	54.9	40.1	80.1
108	107.6	65.4	105.4

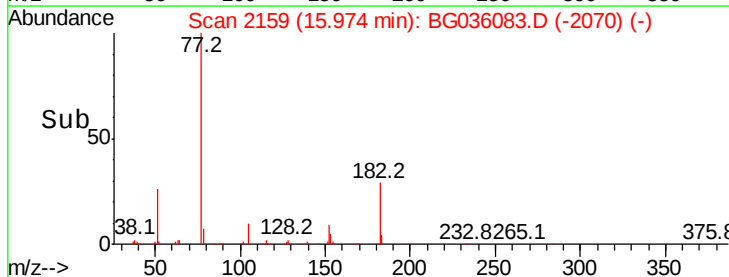
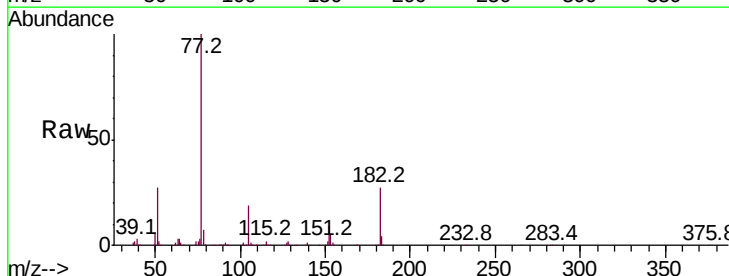
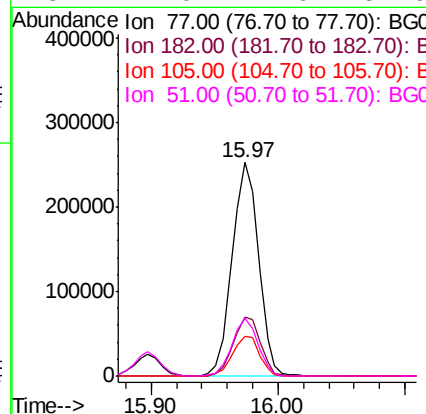
Manual Integrations
APPROVED

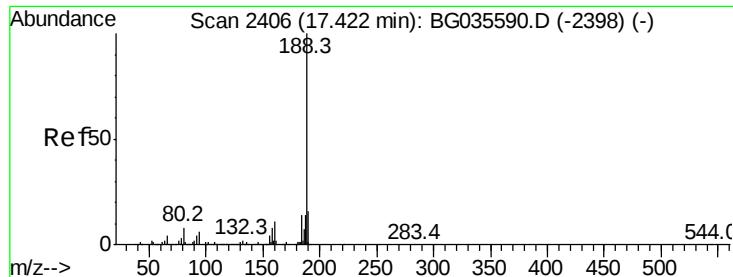
Sohil
8/3/2018 12:58:41 PM



#62
Azobenzene
Concen: 48.176 ng
RT: 15.97 min Scan# 2159
Delta R.T. -0.00 min
Lab File: BG036083.D
Acq: 3 Aug 2018 7:11

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.3	7.4	47.4
105	18.6	0.3	40.3
51	27.0	11.6	51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2400

Delta R.T. -0.00 min

Lab File: BG036083.D

Acq: 3 Aug 2018 7:11

Instrument :

BNA_G

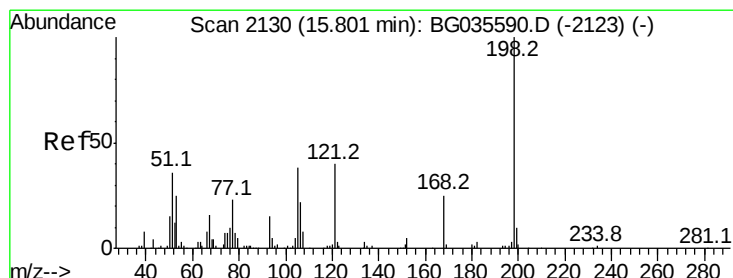
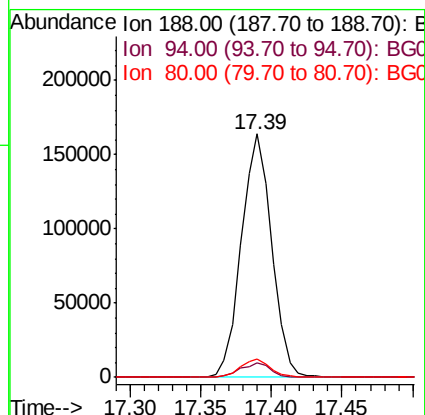
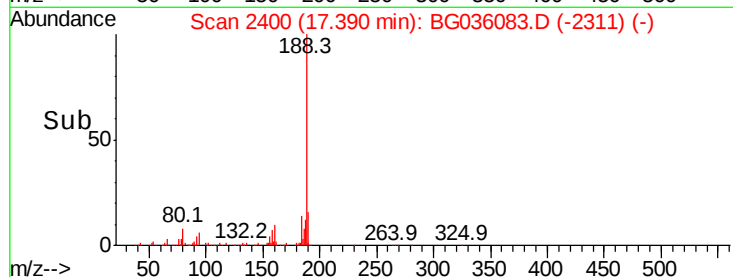
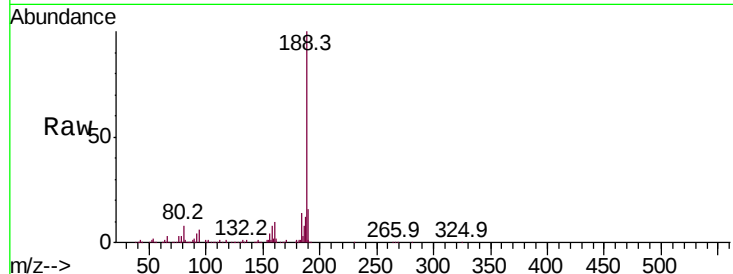
ClientSampleId :

PB111703BS

Tot Ion:188	Resp: 246081
Ion Ratio Lower Upper	
188 100	
94 5.9 6.9 10.3#	
80 7.7 7.7 11.5#	

Manual Integrations
APPROVED

Sohil
8/3/2018 12:58:41 PM



#64

4,6-Dinitro-2-methylphenol

Concen: 41.981 ng

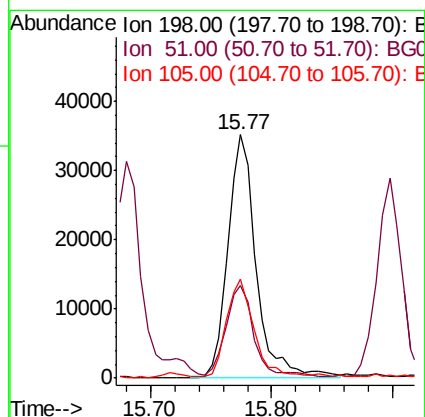
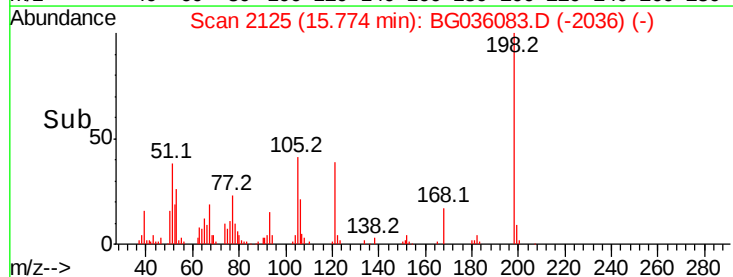
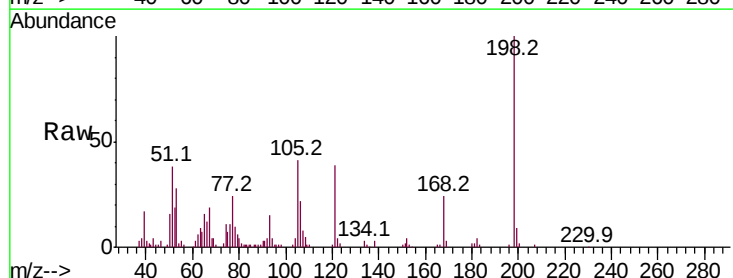
RT: 15.77 min Scan# 2125

Delta R.T. -0.00 min

Lab File: BG036083.D

Acq: 3 Aug 2018 7:11

Tgt Ion:198	Resp: 57507
Ion Ratio Lower Upper	
198 100	
51 38.2 30.6 70.6	
105 40.5 23.8 63.8	





#65

n-Nitrosodiphenylamine

Concen: 44.217 ng

RT: 15.90 min Scan# 2146

Delta R.T. -0.00 min

Lab File: BG036083.D

Acq: 3 Aug 2018 7:11

Instrument :

BNA_G

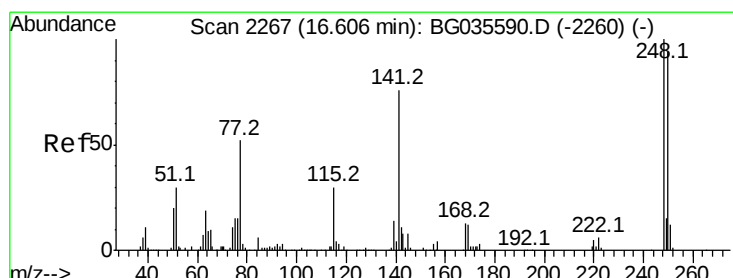
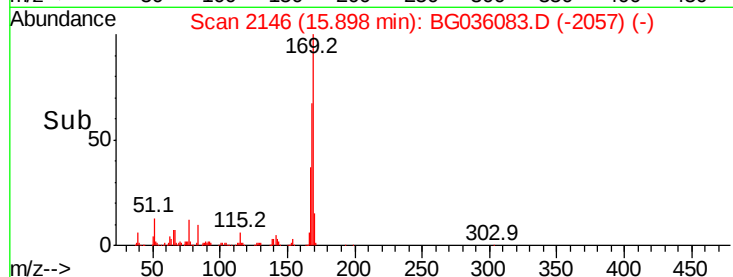
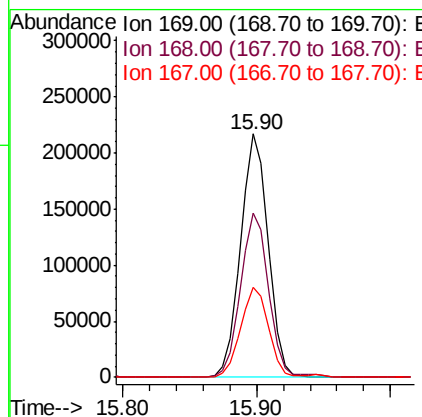
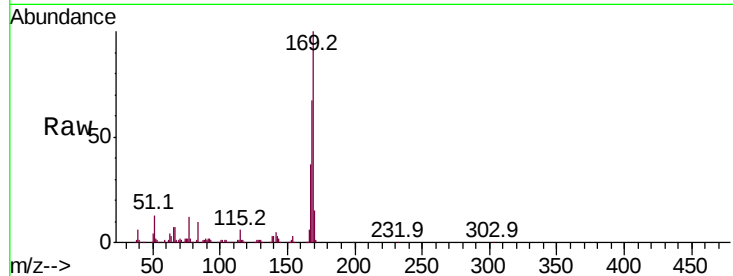
ClientSampleId :

PB111703BS

Tot Ion:	169	Resp:	309713
Ion Ratio	Lower	Upper	
169	100		
168	67.3	55.7	83.5
167	36.7	30.1	45.1

Manual Integrations
APPROVED

Sohil
8/3/2018 12:58:41 PM



#66

4-Bromophenyl-phenylether

Concen: 47.717 ng

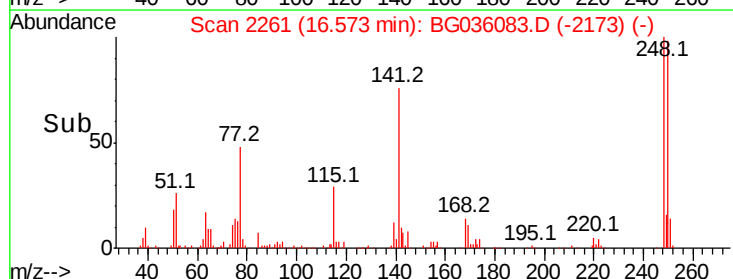
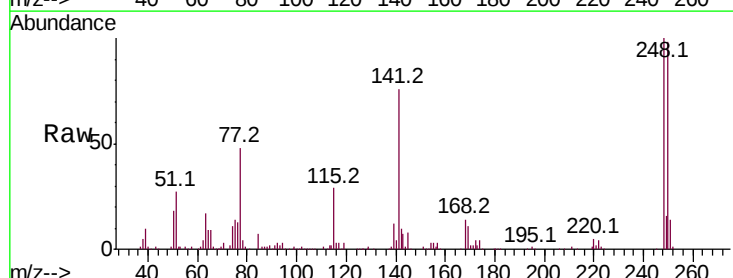
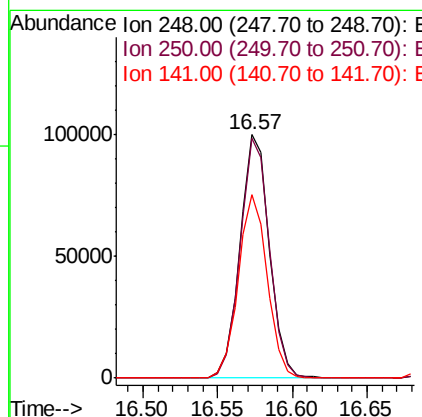
RT: 16.57 min Scan# 2261

Delta R.T. -0.01 min

Lab File: BG036083.D

Acq: 3 Aug 2018 7:11

Tgt Ion:	248	Resp:	136231
Ion Ratio	Lower	Upper	
248	100		
250	98.3	77.1	115.7
141	75.5	50.8	76.2





#67

Hexachlorobenzene

Concen: 49.010 ng

RT: 16.70 min Scan# 2282

Delta R.T. -0.00 min

Lab File: BG036083.D

Acq: 3 Aug 2018 7:11

Instrument :

BNA_G

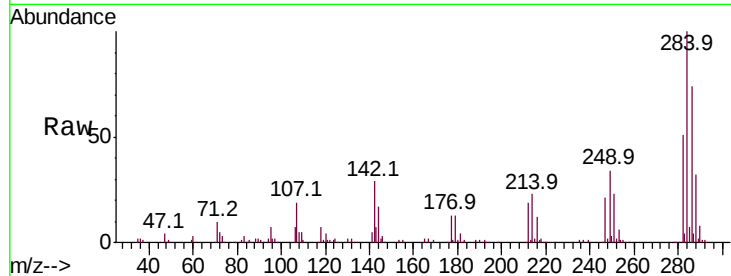
ClientSampled :

PB111703BS

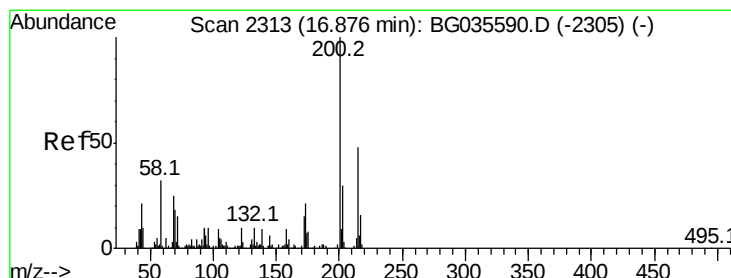
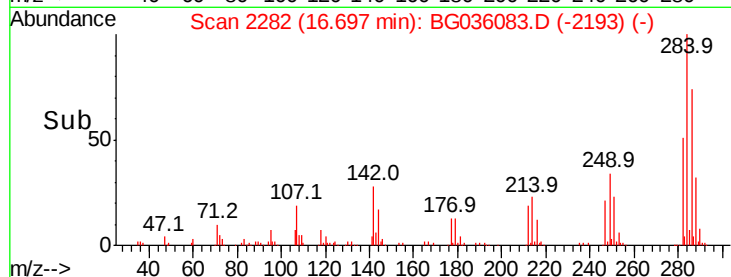
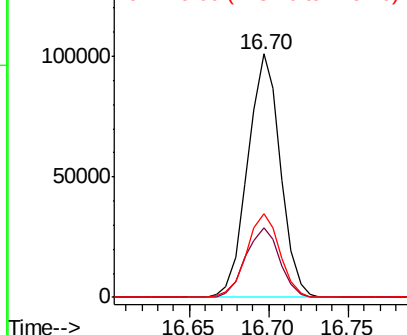
Tot Ion:	284	Resp:	144094
Ion Ratio	Lower	Upper	
284	100		
142	28.7	26.8	40.2
249	34.2	26.3	39.5

Manual Integrations
APPROVED

Sohil
8/3/2018 12:58:41 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



#68

Atrazine

Concen: 49.344 ng

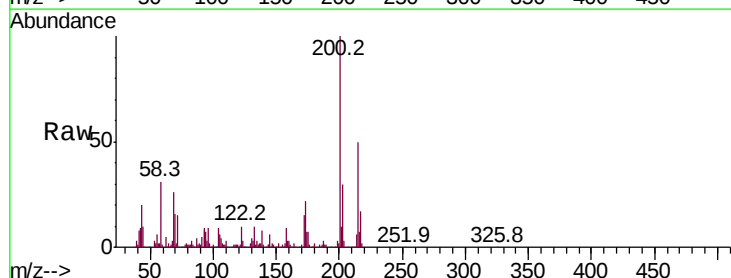
RT: 16.84 min Scan# 2307

Delta R.T. -0.00 min

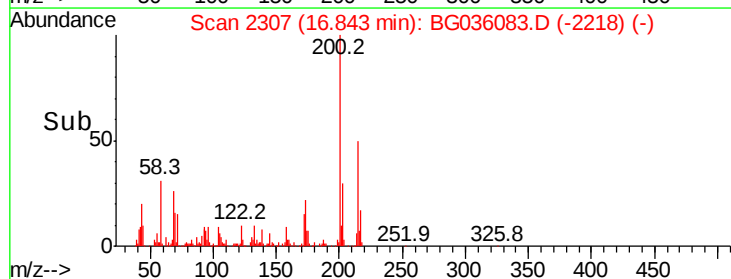
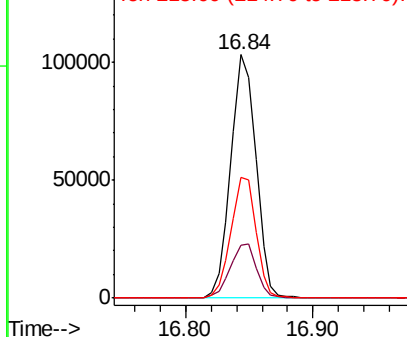
Lab File: BG036083.D

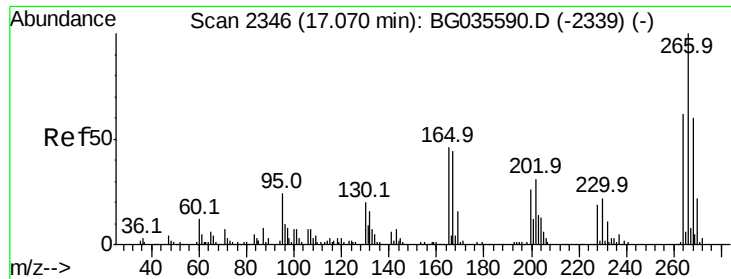
Acq: 3 Aug 2018 7:11

Tgt Ion:	200	Resp:	142305
Ion Ratio	Lower	Upper	
200	100		
173	21.8	5.2	45.2
215	49.8	30.4	70.4



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





#69

Pentachlorophenol

Concen: 67.782 ng

RT: 17.04 min Scan# 2341

Delta R.T. -0.00 min

Lab File: BG036083.D

Acq: 3 Aug 2018 7:11

Instrument :

BNA_G

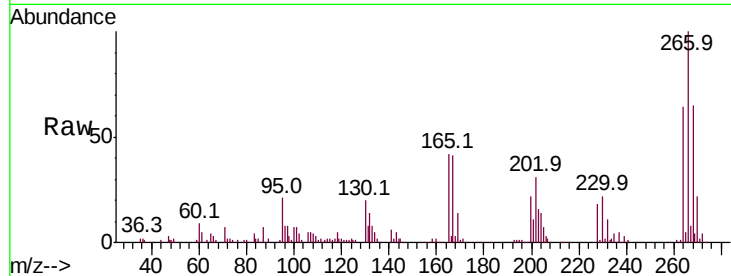
ClientSampleId :

PB111703BS

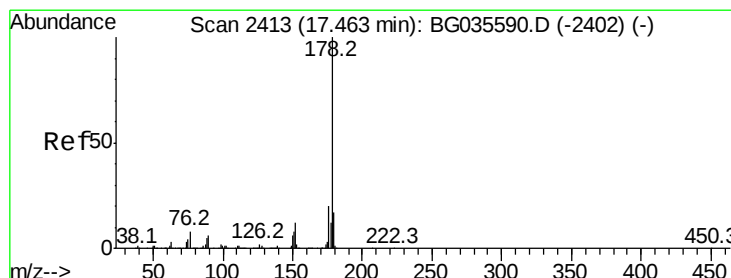
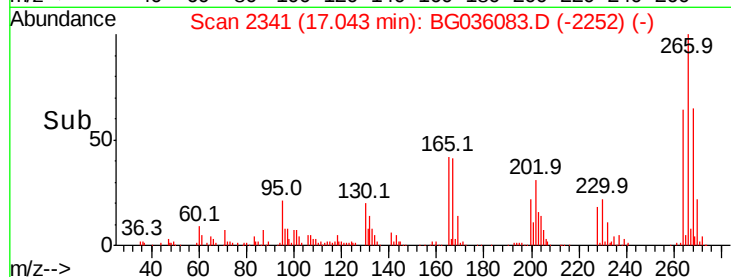
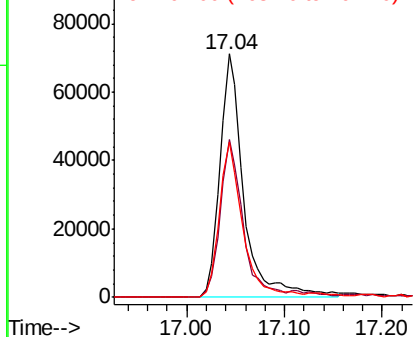
Tot Ion:	266	Resp:	121383
Ion Ratio		Lower	Upper
266	100		
268	64.6	51.1	76.7
264	64.0	49.6	74.4

Manual Integrations
APPROVED

Sohil
8/3/2018 12:58:41 PM



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



#70

Phenanthrene

Concen: 47.171 ng

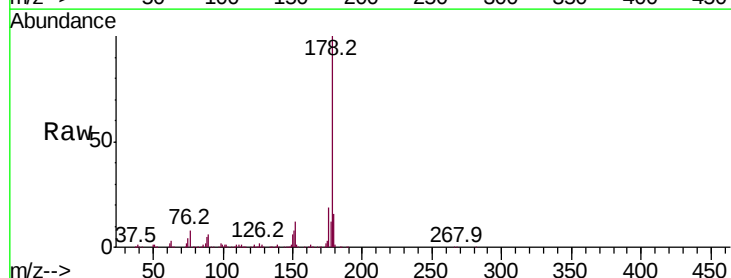
RT: 17.43 min Scan# 2407

Delta R.T. -0.01 min

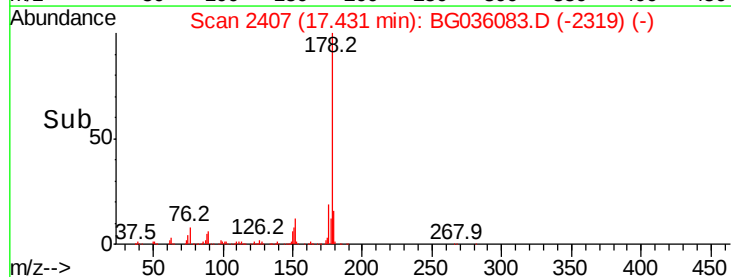
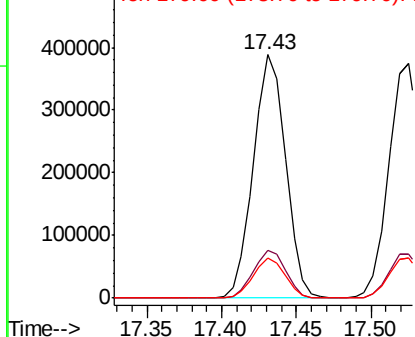
Lab File: BG036083.D

Acq: 3 Aug 2018 7:11

Tgt Ion:	178	Resp:	579208
Ion Ratio		Lower	Upper
178	100		
176	19.4	15.7	23.5
179	16.4	12.5	18.7



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 48.280 ng

RT: 17.52 min Scan# 2423

Delta R.T. -0.00 min

Lab File: BG036083.D

Acq: 3 Aug 2018 7:11

Instrument :

BNA_G

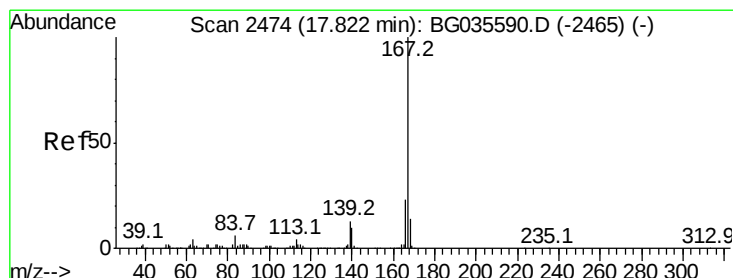
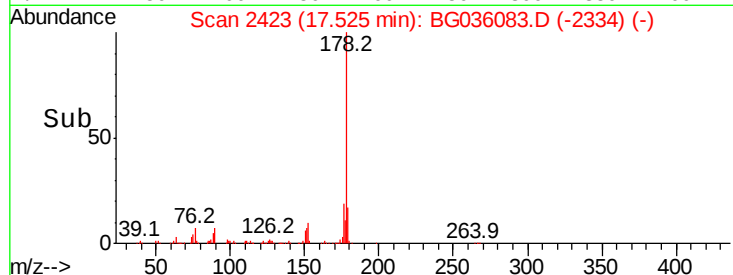
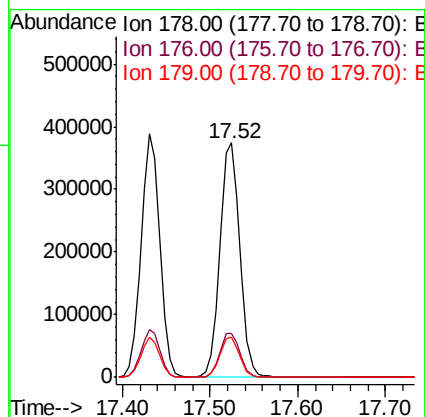
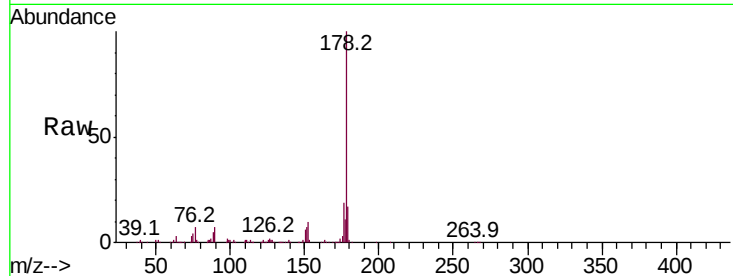
ClientSampleId :

PB111703BS

Tot Ion:	178	Resp:	590304
Ion Ratio	Lower	Upper	
178	100		
176	18.7	16.0	24.0
179	17.4	12.5	18.7

Manual Integrations
APPROVED

Sohil
8/3/2018 12:58:41 PM



#72

Carbazole

Concen: 45.957 ng

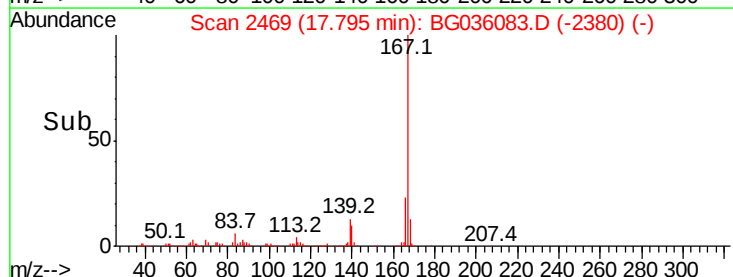
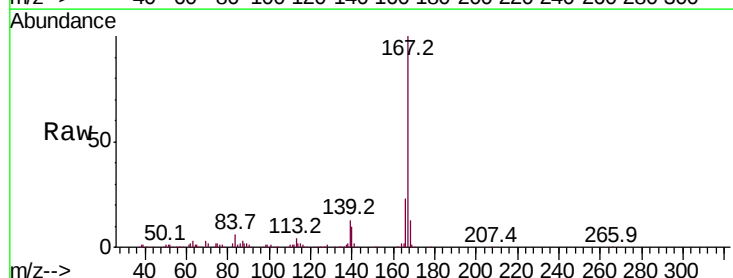
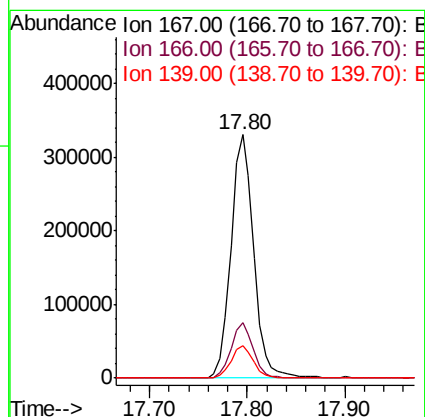
RT: 17.80 min Scan# 2469

Delta R.T. -0.00 min

Lab File: BG036083.D

Acq: 3 Aug 2018 7:11

Tgt Ion:	167	Resp:	533626
Ion Ratio	Lower	Upper	
167	100		
166	23.0	18.2	27.4
139	13.5	9.4	14.2





#73

Di-n-butylphthalate

Concen: 45.162 ng

RT: 18.34 min Scan# 2562

Delta R.T. -0.01 min

Lab File: BG036083.D

Acq: 3 Aug 2018 7:11

Instrument :

BNA_G

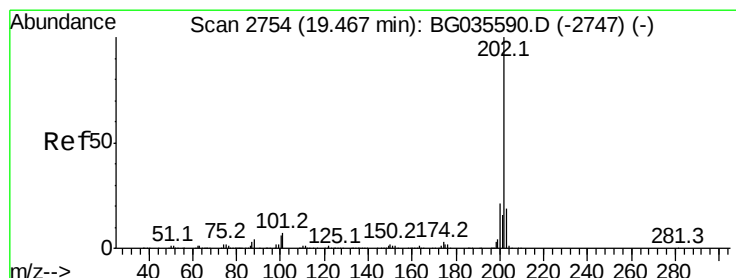
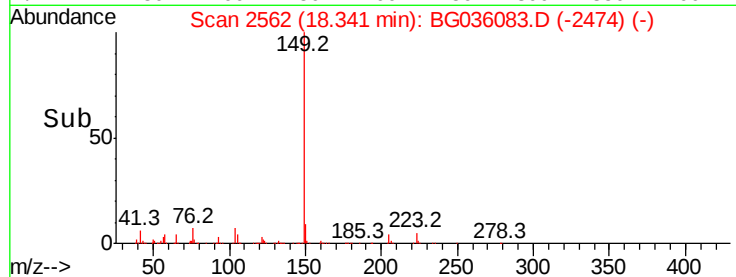
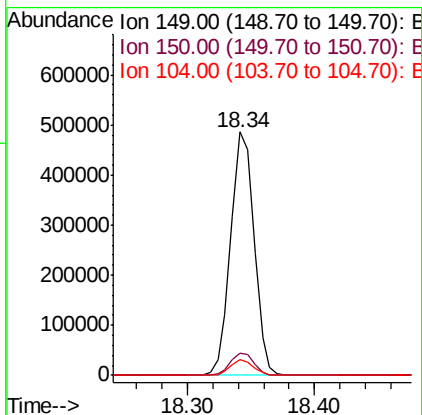
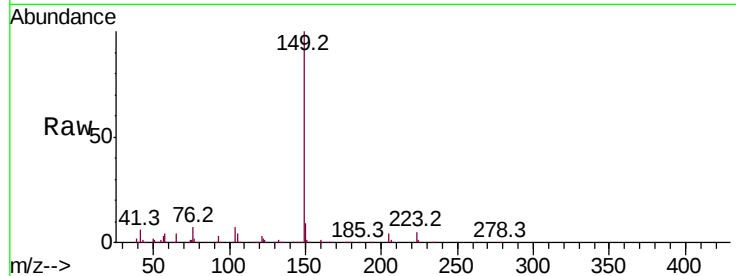
ClientSampleId :

PB111703BS

Tot Ion:	149	Resp:	619681
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.8	11.6
104	6.5	3.9	5.9#

Manual Integrations
APPROVED

Sohil
8/3/2018 12:58:41 PM



#74

Fluoranthene

Concen: 47.016 ng

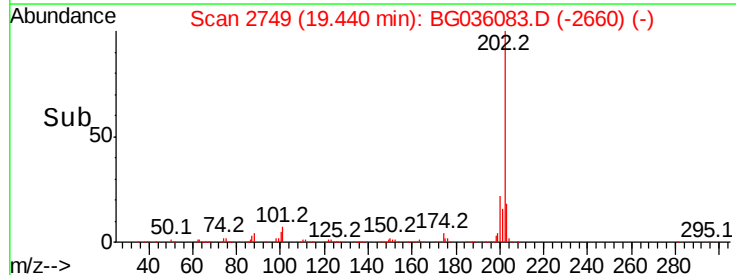
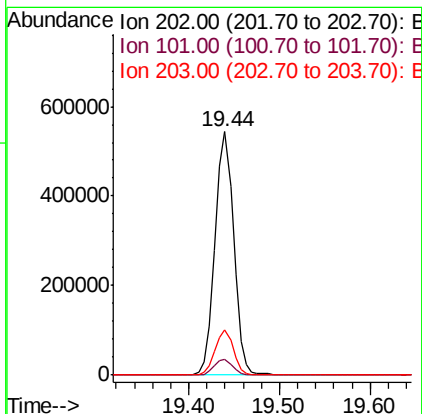
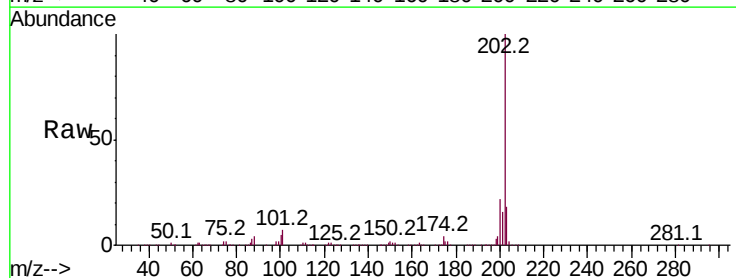
RT: 19.44 min Scan# 2749

Delta R.T. -0.00 min

Lab File: BG036083.D

Acq: 3 Aug 2018 7:11

Tgt Ion:	202	Resp:	777637
Ion Ratio	Lower	Upper	
202	100		
101	6.5	0.0	28.9
203	18.4	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3126

Delta R.T. -0.00 min

Lab File: BG036083.D

Acq: 3 Aug 2018 7:11

Instrument :

BNA_G

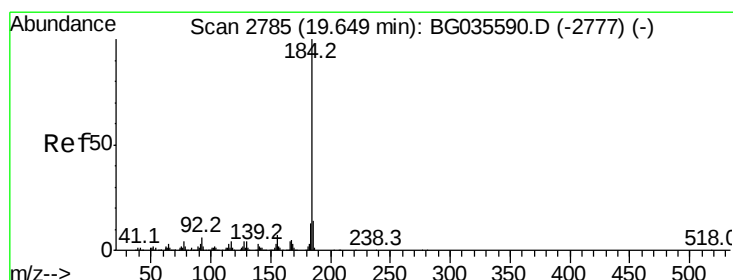
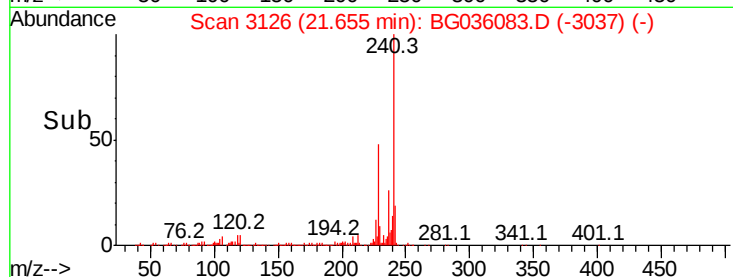
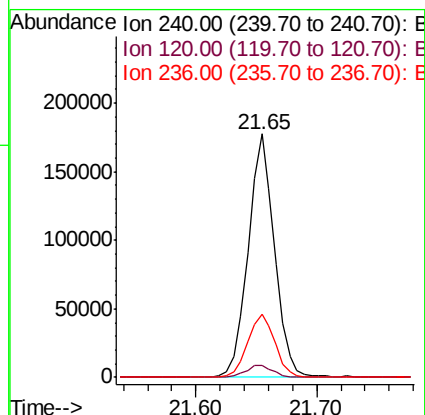
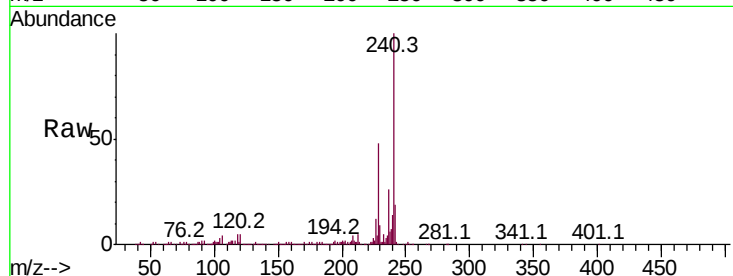
ClientSampleId :

PB111703BS

Tot Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	4.9	6.8	10.2#
236	26.2	20.9	31.3

Manual Integrations
APPROVED

Sohil
8/3/2018 12:58:41 PM



#76

Benzidine

Concen: 35.700 ng

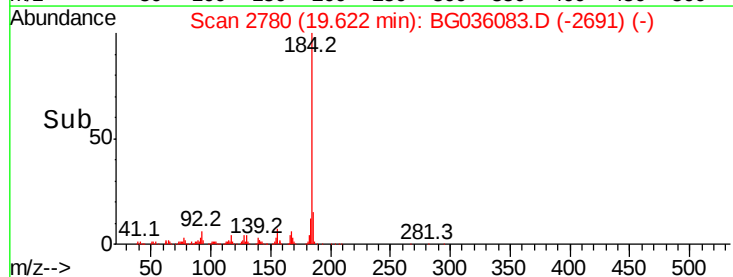
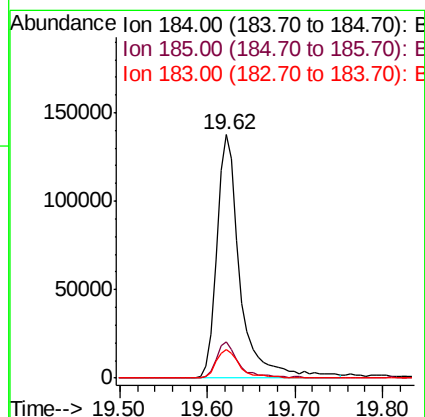
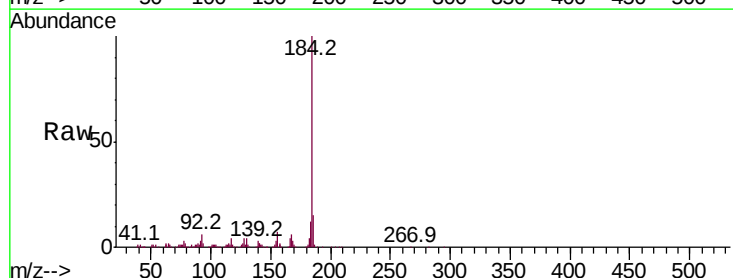
RT: 19.62 min Scan# 2780

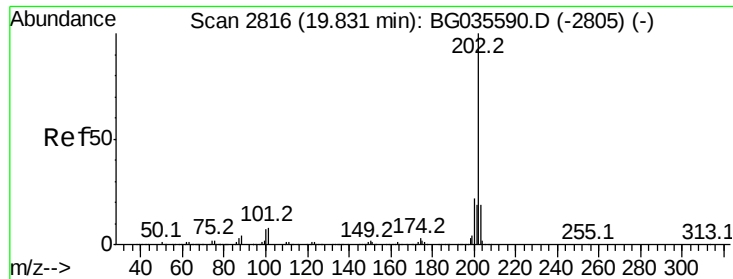
Delta R.T. -0.00 min

Lab File: BG036083.D

Acq: 3 Aug 2018 7:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
184	100		
185	15.1	11.1	16.7
183	11.6	10.6	16.0





#77

Pvrene

Concen: 45.863 ng

RT: 19.80 min Scan# 2810

Delta R.T. -0.01 min

Lab File: BG036083.D

Acq: 3 Aug 2018 7:11

Instrument :

BNA_G

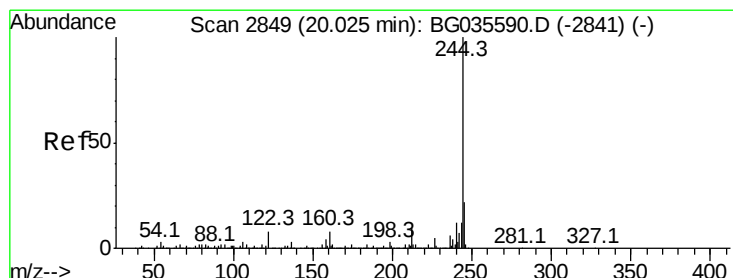
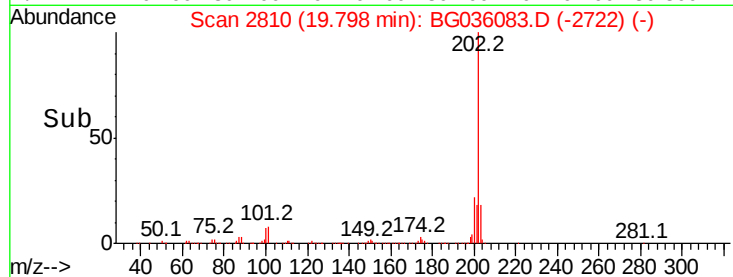
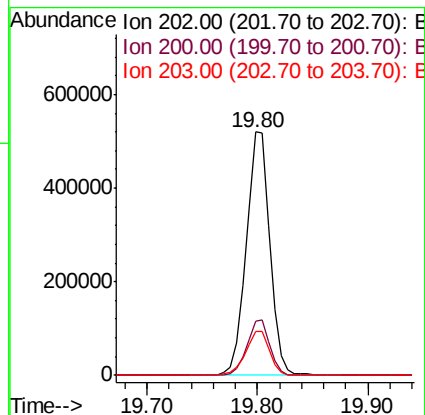
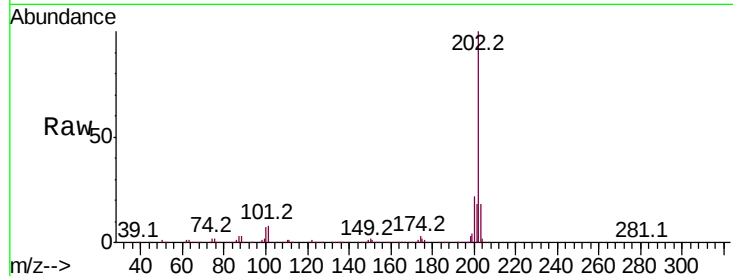
ClientSampleId :

PB111703BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	22.0	16.9	25.3
203	18.1	13.9	20.9

Manual Integrations
APPROVED

Sohil
8/3/2018 12:58:41 PM



#78

Terphenyl-d14

Concen: 102.603 ng

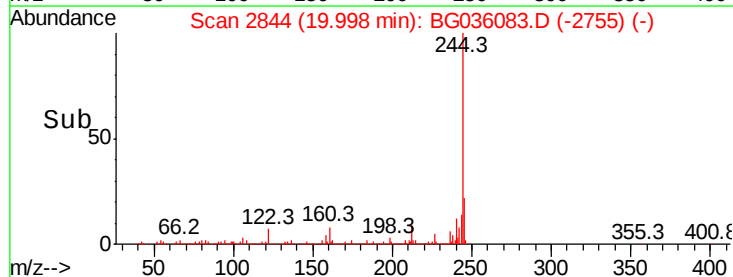
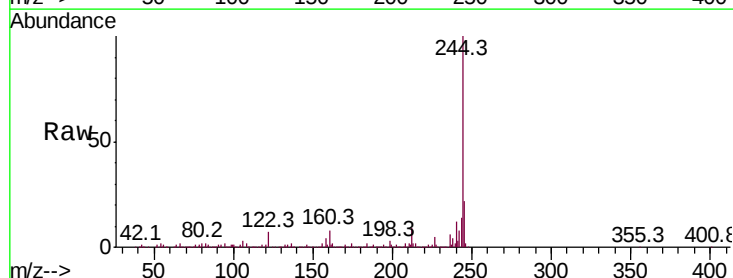
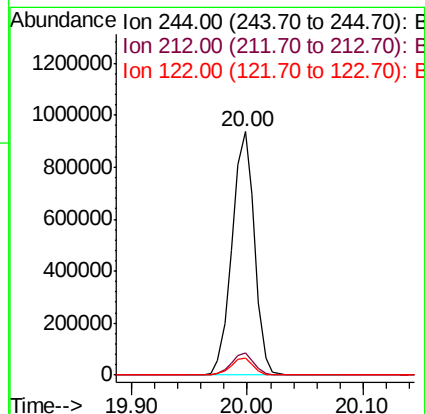
RT: 20.00 min Scan# 2844

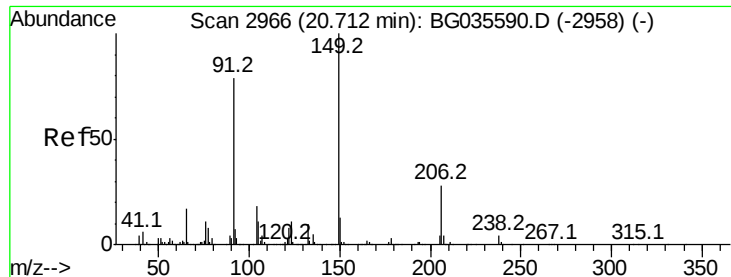
Delta R.T. -0.00 min

Lab File: BG036083.D

Acq: 3 Aug 2018 7:11

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	9.0	5.8	8.8#
122	6.9	7.0	10.4#





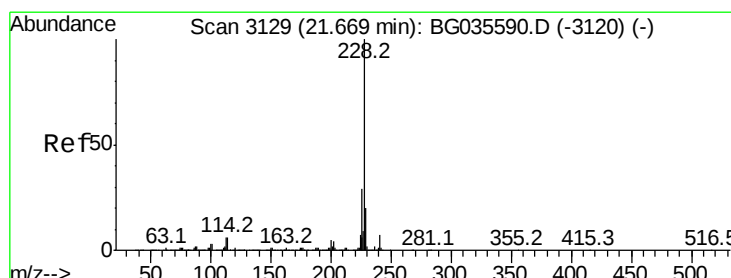
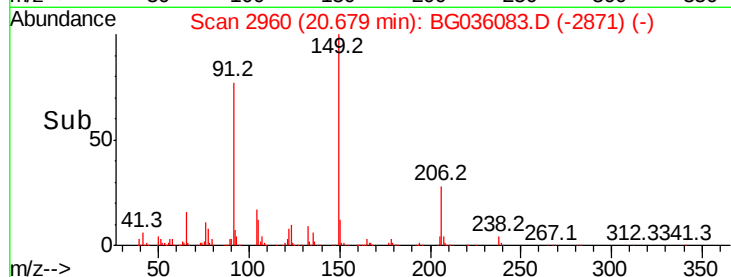
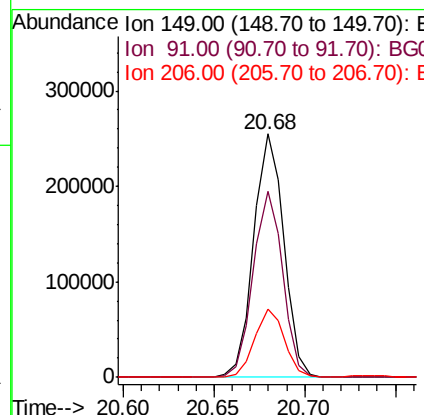
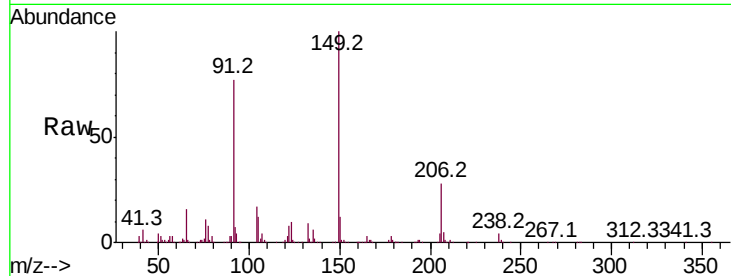
#79
 Butylbenzylphthalate
 Concen: 48.679 ng
 RT: 20.68 min Scan# 2960
 Delta R.T. -0.00 min
 Lab File: BG036083.D
 Acq: 3 Aug 2018 7:11

Instrument :
 BNA_G
 ClientSampleId :
 PB111703BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	296526		
91	76.6	62.2	93.2	
206	27.8	18.6	27.8	

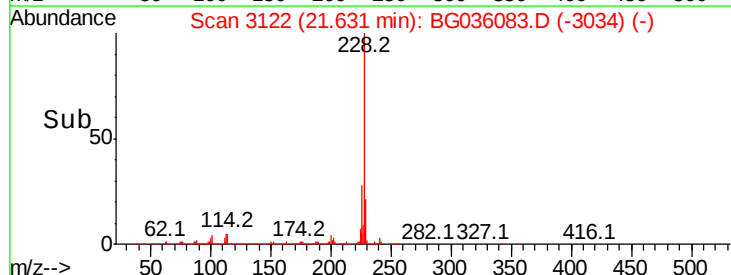
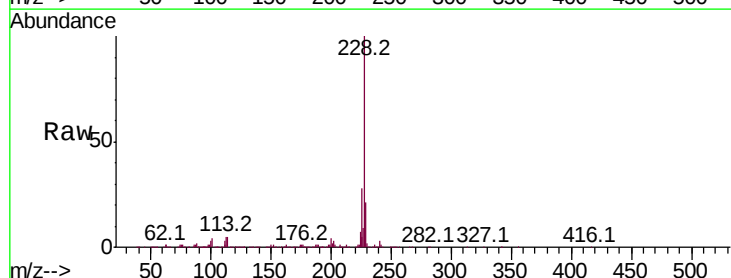
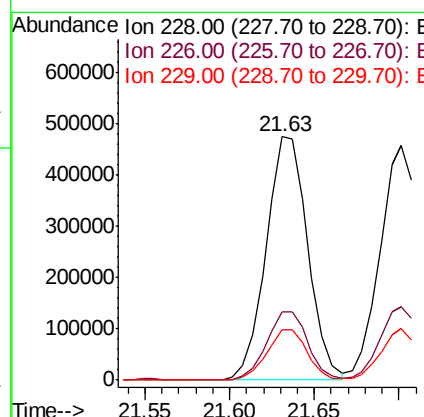
Manual Integrations
 APPROVED

Sohil
 8/3/2018 12:58:41 PM



#80
 Benzo(a)anthracene
 Concen: 48.265 ng
 RT: 21.63 min Scan# 3122
 Delta R.T. -0.01 min
 Lab File: BG036083.D
 Acq: 3 Aug 2018 7:11

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	810253		
226	28.0	22.7	34.1	
229	20.5	16.2	24.2	





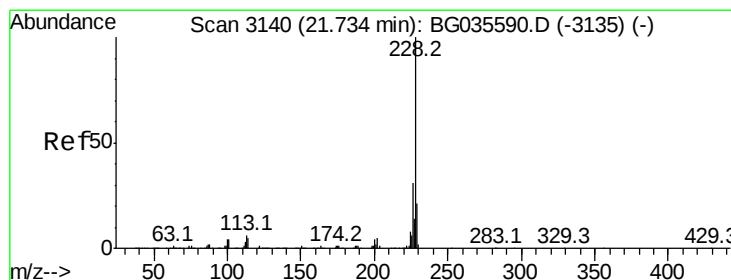
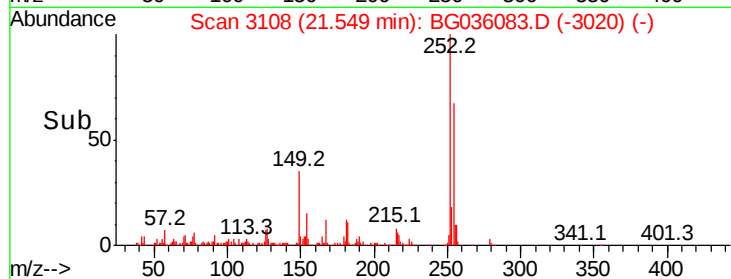
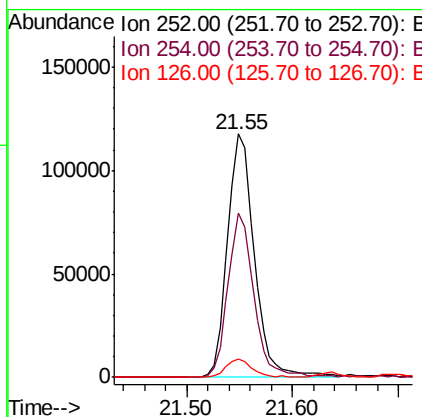
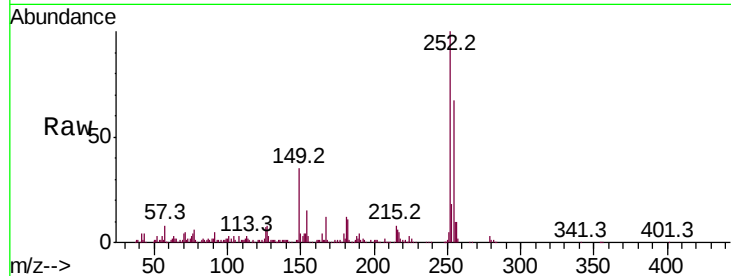
#81
 3,3'-Dichlorobenzidine
 Concen: 35.478 ng
 RT: 21.55 min Scan# 3108
 Delta R.T. -0.01 min
 Lab File: BG036083.D
 Acq: 3 Aug 2018 7:11

Instrument :
 BNA_G
 ClientSampleId :
 PB111703BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	67.2	50.8	76.2
126	7.3	7.4	11.2#

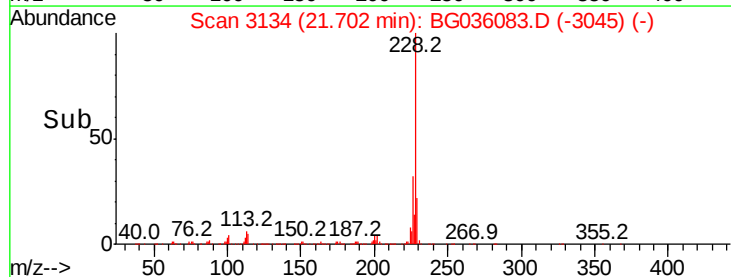
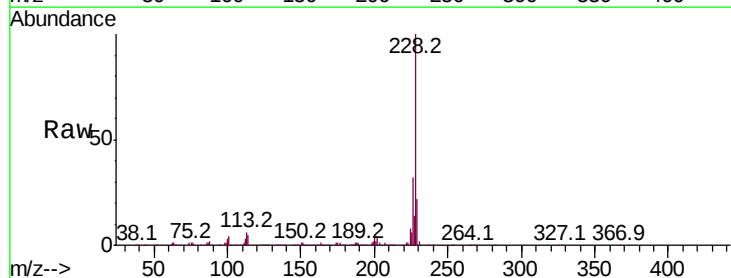
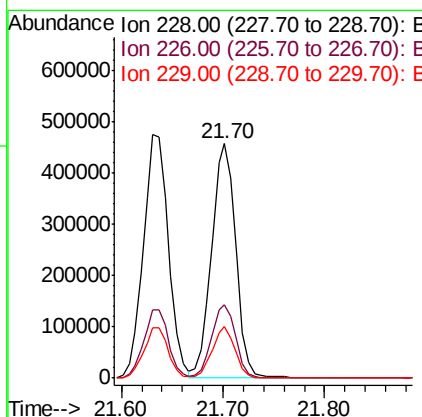
Manual Integrations
 APPROVED

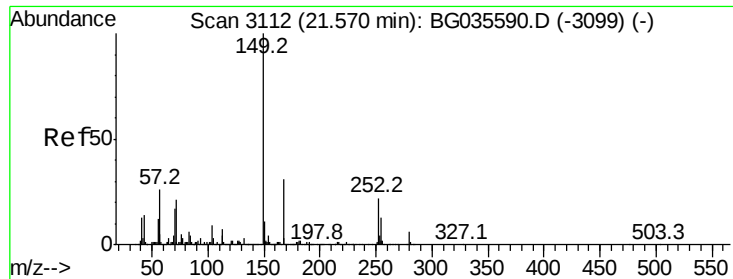
Sohil
 8/3/2018 12:58:41 PM



#82
 Chrysene
 Concen: 48.314 ng
 RT: 21.70 min Scan# 3134
 Delta R.T. -0.00 min
 Lab File: BG036083.D
 Acq: 3 Aug 2018 7:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.9	37.3
229	21.8	15.0	22.4





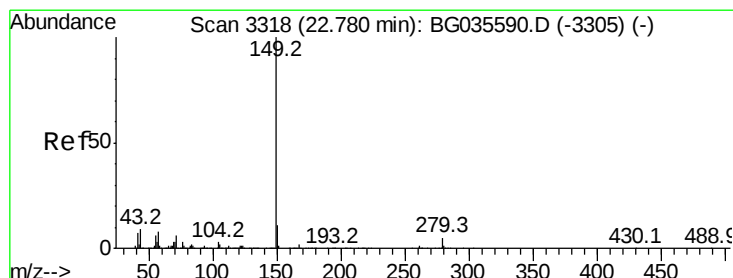
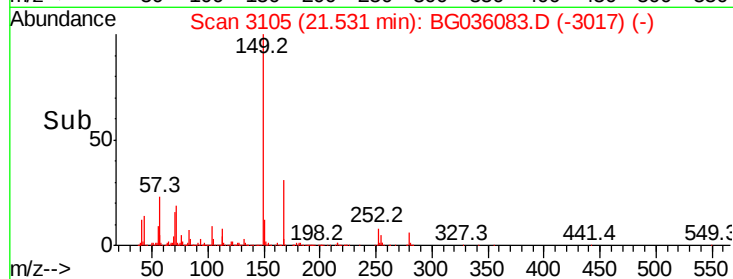
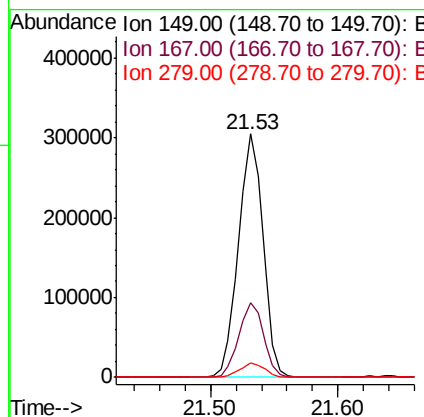
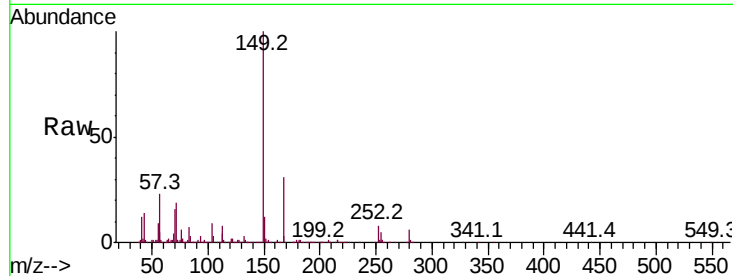
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.231 ng
 RT: 21.53 min Scan# 3105
 Delta R.T. -0.01 min
 Lab File: BG036083.D
 Acq: 3 Aug 2018 7:11

Instrument :
 BNA_G
 ClientSampleId :
 PB111703BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	30.7	24.3	36.5
279	5.9	4.0	6.0

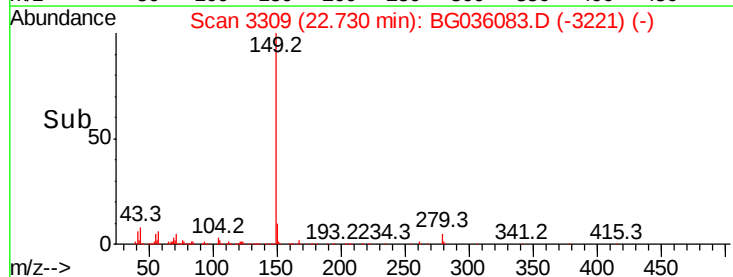
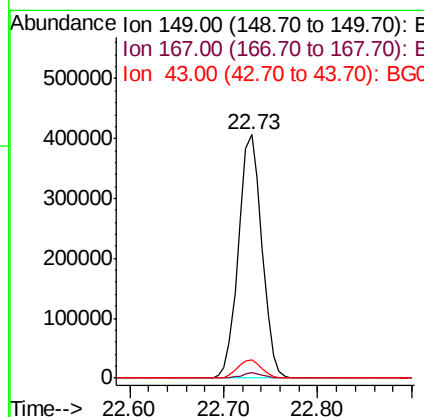
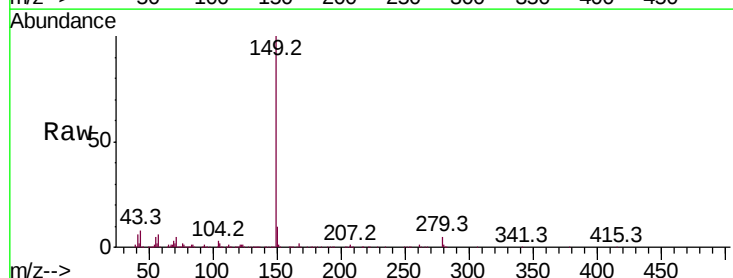
Manual Integrations
 APPROVED

Sohil
 8/3/2018 12:58:41 PM



#84
 Di-n-octyl phthalate
 Concen: 50.660 ng
 RT: 22.73 min Scan# 3309
 Delta R.T. -0.01 min
 Lab File: BG036083.D
 Acq: 3 Aug 2018 7:11

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.4	2.0
43	7.9	8.9	13.3#





#85

Indeno(1,2,3-cd)pyrene

Concen: 49.386 ng

RT: 28.50 min Scan# 4291

Delta R.T. -0.00 min

Lab File: BG036083.D

Acq: 3 Aug 2018 7:11

Instrument :

BNA_G

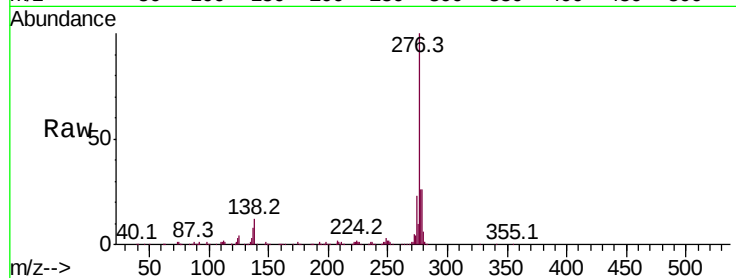
ClientSampleId :

PB111703BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	14.0	16.0	24.0#
277	25.9	20.0	30.0

Manual Integrations
APPROVED

Sohil
8/3/2018 12:58:41 PM

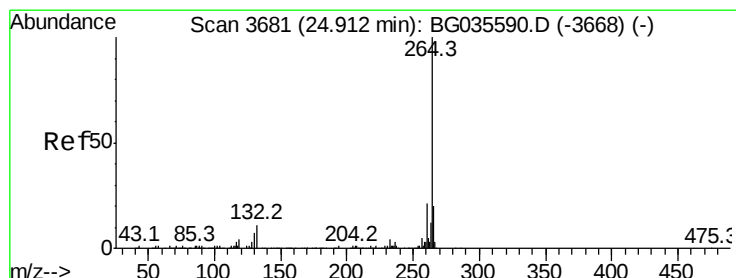
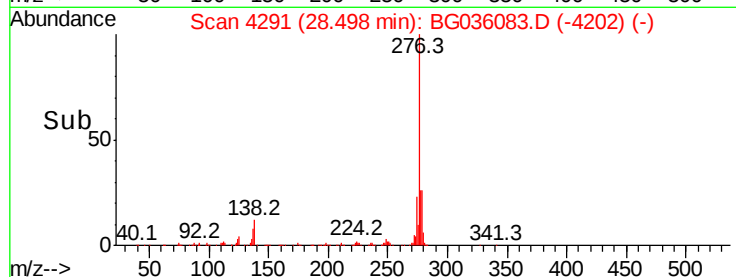
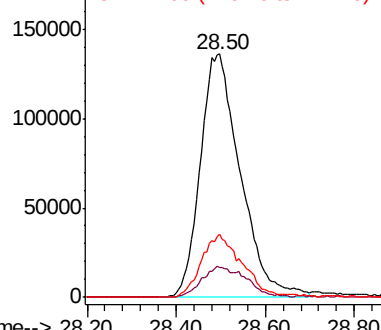


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3670

Delta R.T. -0.01 min

Lab File: BG036083.D

Acq: 3 Aug 2018 7:11

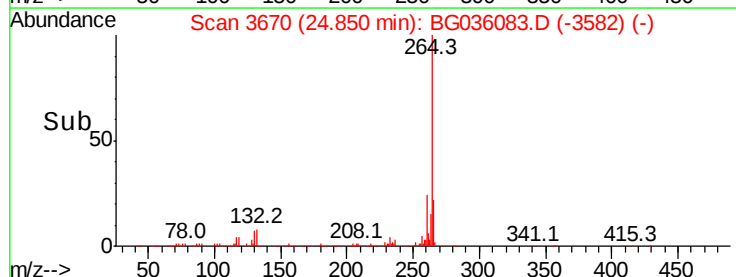
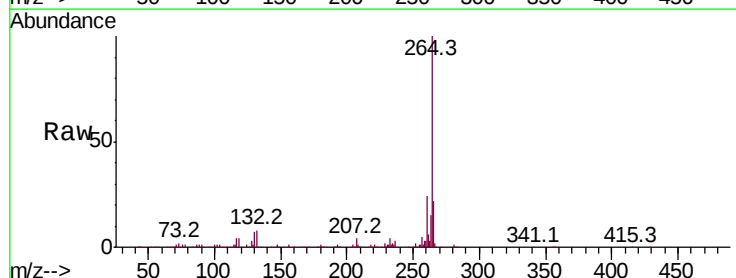
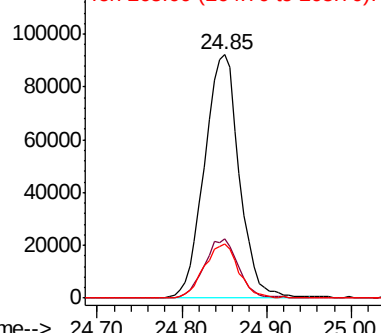
Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	17.4	26.0
265	22.5	17.7	26.5

Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 48.667 ng

RT: 23.84 min Scan# 3498

Delta R.T. -0.00 min

Lab File: BG036083.D

Acq: 3 Aug 2018 7:11

Instrument :

BNA_G

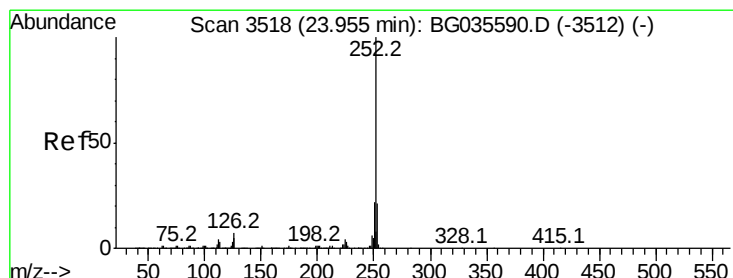
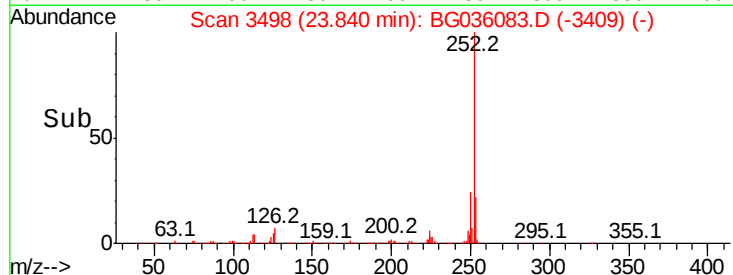
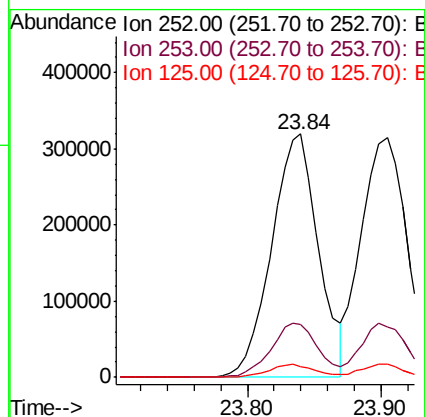
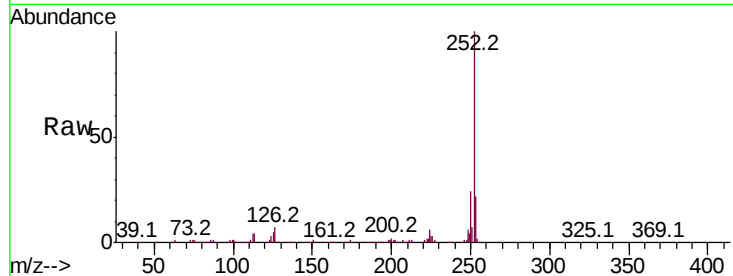
ClientSampleId :

PB111703BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.4
125	4.6	7.2	10.8#

Manual Integrations
APPROVED

Sohil
8/3/2018 12:58:41 PM



#88

Benzo(k)fluoranthene

Concen: 48.112 ng

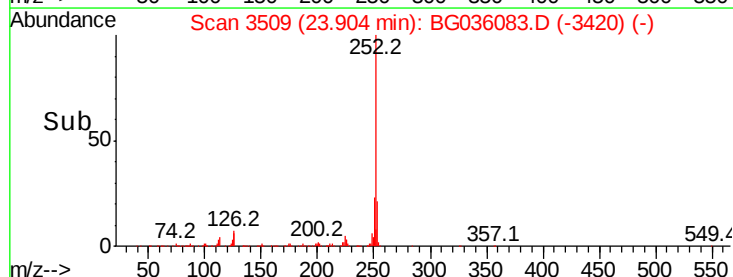
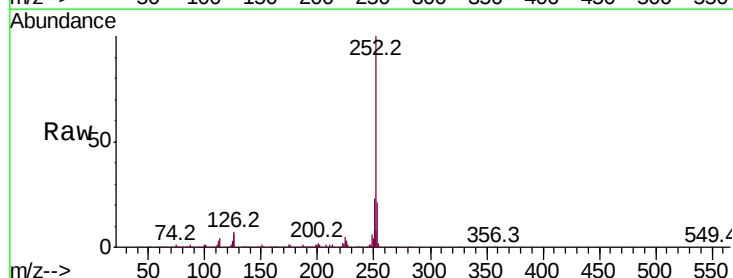
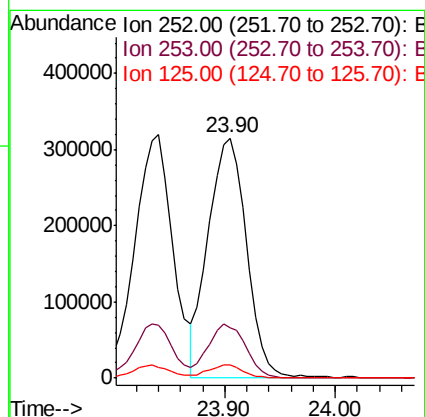
RT: 23.90 min Scan# 3509

Delta R.T. -0.00 min

Lab File: BG036083.D

Acq: 3 Aug 2018 7:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.4	26.2
125	5.8	6.6	9.8#





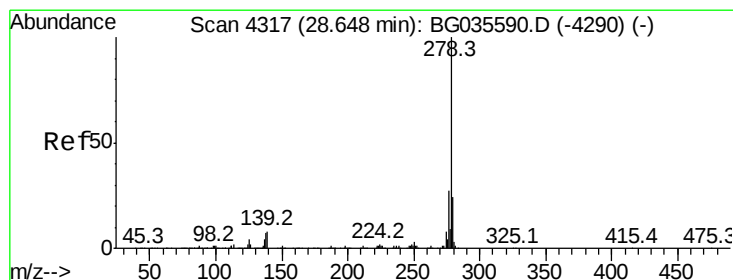
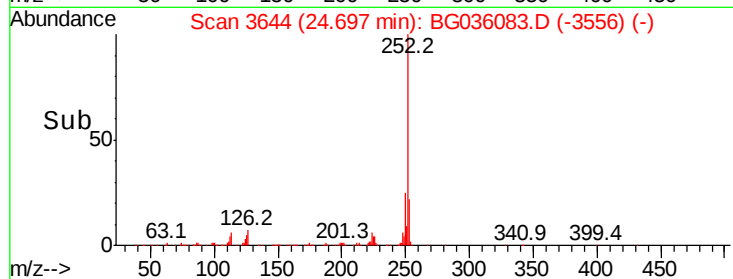
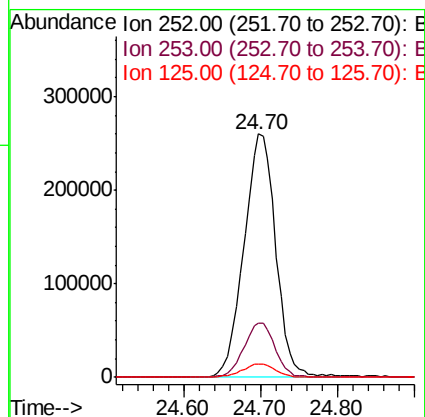
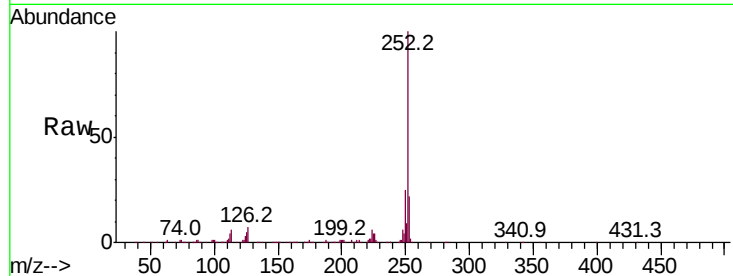
#89
Benzo(a)pyrene
Concen: 50.506 ng
RT: 24.70 min Scan# 3644
Delta R.T. -0.01 min
Lab File: BG036083.D
Acq: 3 Aug 2018 7:11

Instrument :
BNA_G
ClientSampleId :
PB111703BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.1	18.3	27.5
125	5.4	7.3	10.9#

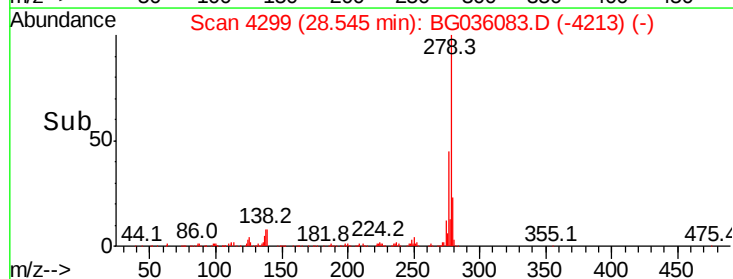
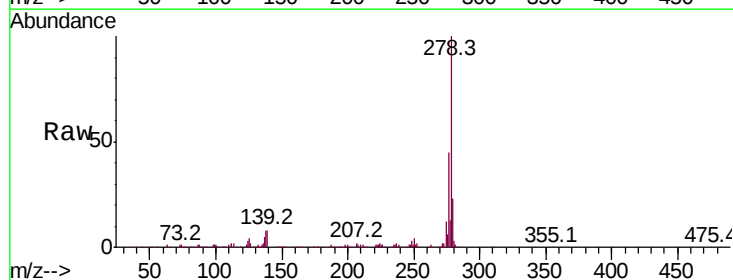
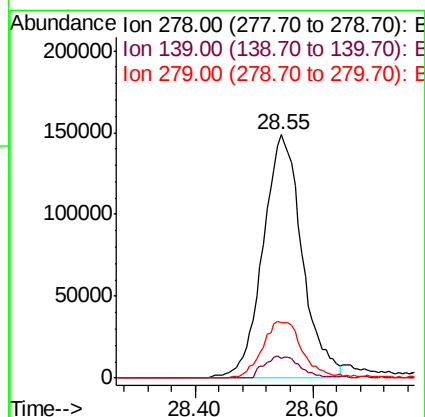
Manual Integrations
APPROVED

Sohil
8/3/2018 12:58:41 PM



#90
Dibenzo(a,h)anthracene
Concen: 46.824 ng
RT: 28.55 min Scan# 4299
Delta R.T. -0.02 min
Lab File: BG036083.D
Acq: 3 Aug 2018 7:11

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	8.1	9.8	14.6#
279	23.0	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 49.009 ng
 RT: 29.63 min Scan# 4484
 Delta R.T. -0.00 min
 Lab File: BG036083.D
 Acq: 3 Aug 2018 7:11

Instrument :
 BNA_G
 ClientSampleId :
 PB111703BS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	23.3	18.3	27.5
138	11.4	13.9	20.9

Manual Integrations
 APPROVED

Sohil
 8/3/2018 12:58:41 PM

