

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072318\
 Data File : BG035822.D
 Acq On : 23 Jul 2018 11:26
 Operator : JU/SJ
 Sample : PB111306BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111306BS

Manual Integrations
 APPROVED

Sohil
 7/24/2018 3:05:43 PM

Quant Time: Jul 23 12:06:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 15:28:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	48478	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	176105	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	126036	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	364232	20.00	ng	0.00
75) Chrysene-d12	21.66	240	413049	20.00	ng	0.00
86) Perylene-d12	24.86	264	405562	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	393133	134.64	ng	0.00
7) Phenol-d6	7.20	99	573452	131.63	ng	0.00
23) Nitrobenzene-d5	9.19	82	358278	84.99	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	265997	160.12	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	824255	87.62	ng	0.00
78) Terphenyl-d14	20.00	244	1673998	89.34	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	42225	28.412	ng	# 78
3) Pyridine	3.91	79	126412	32.582	ng	# 72
4) n-Nitrosodimethylamine	3.83	42	55520	33.328	ng	# 78
6) Aniline	7.36	93	105258	18.641	ng	98
8) 2-Chlorophenol	7.60	128	128926	43.413	ng	93
9) Benzaldehyde	7.17	77	64513	24.134	ng	97
10) Phenol	7.23	94	191691	43.552	ng	92
11) bis(2-Chloroethyl)ether	7.45	93	128822	37.373	ng	87
12) 1,3-Dichlorobenzene	7.92	146	144184	40.205	ng	97
13) 1,4-Dichlorobenzene	8.06	146	148105	40.646	ng	96
14) 1,2-Dichlorobenzene	8.38	146	140788	40.220	ng	96
15) Benzyl Alcohol	8.27	79	150384	38.013	ng	89
16) 2,2'-oxybis(1-Chloropropan	8.55	45	144964	50.164	ng	79
17) 2-Methylphenol	8.47	107	129138	43.154	ng	# 90
18) Hexachloroethane	9.11	117	54850	39.369	ng	# 86
19) n-Nitroso-di-n-propylamine	8.83	70	121203	33.038	ng	# 83
20) 3+4-Methylphenols	8.80	107	174694	42.080	ng	91
22) Acetophenone	8.85	105	219385	40.060	ng	# 95
24) Nitrobenzene	9.24	77	179757	42.400	ng	97
25) Isophorone	9.75	82	338653	43.275	ng	99
26) 2-Nitrophenol	9.94	139	75642	50.237	ng	# 87
27) 2,4-Dimethylphenol	10.00	122	134789	52.885	ng	91
28) bis(2-Chloroethoxy)methane	10.23	93	179782	41.693	ng	99
29) 2,4-Dichlorophenol	10.48	162	147691	50.763	ng	93
30) 1,2,4-Trichlorobenzene	10.69	180	164854	46.209	ng	97
31) Naphthalene	10.88	128	394892	43.047	ng	97
32) Benzoic acid	10.18	122	65649	38.262	ng	91
33) 4-Chloroaniline	11.00	127	42078	10.524	ng	# 95
34) Hexachlorobutadiene	11.16	225	124152	44.628	ng	94
35) Caprolactam	11.78	113	53268m	42.665	ng	
36) 4-Chloro-3-methylphenol	12.12	107	184557	47.325	ng	94
37) 2-Methylnaphthalene	12.48	142	308174	45.092	ng	90
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	210602	44.272	ng	99
40) Hexachlorocyclopentadiene	12.82	237	277153	111.093	ng	97

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072318\
 Data File : BG035822.D
 Acq On : 23 Jul 2018 11:26
 Operator : JU/SJ
 Sample : PB111306BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 PB111306BS

Manual Integrations
 APPROVED

Sohil
 7/24/2018 3:05:43 PM

Quant Time: Jul 23 12:06:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 15:28:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	140581	50.534	nq	93
43) 2,4,5-Trichlorophenol	13.17	196	155995	50.125	nq	98
45) 1,1'-Biphenyl	13.49	154	428908	43.894	nq	97
46) 2-Chloronaphthalene	13.53	162	346070	45.531	nq	99
47) 2-Nitroaniline	13.74	65	123366	45.911	nq	95
48) Acenaphthylene	14.38	152	565370	44.405	nq	98
49) Dimethylphthalate	14.11	163	484894	43.911	nq	98
50) 2,6-Dinitrotoluene	14.23	165	112192	49.892	nq	93
51) Acenaphthene	14.72	154	329026	41.485	nq	99
52) 3-Nitroaniline	14.56	138	41942	18.249	nq #	96
53) 2,4-Dinitrophenol	14.77	184	115045	97.885	nq #	62
54) Dibenzofuran	15.05	168	559482	44.355	nq	96
55) 4-Nitrophenol	14.88	139	171831	104.981	nq #	86
56) 2,4-Dinitrotoluene	15.02	165	169497	52.540	nq #	87
57) Fluorene	15.70	166	476237	45.047	nq	96
58) 2,3,4,6-Tetrachlorophenol	15.28	232	160063	53.642	nq	93
59) Diethylphthalate	15.47	149	499324	43.975	nq	98
60) 4-Chlorophenyl-phenylether	15.69	204	274651	44.201	nq	95
61) 4-Nitroaniline	15.73	138	111374	46.326	nq #	78
62) Azobenzene	15.98	77	495304	44.223	nq	96
64) 4,6-Dinitro-2-methylphenol	15.78	198	90469	44.620	nq	83
65) n-Nitrosodiphenylamine	15.91	169	436941	42.146	nq	99
66) 4-Bromophenyl-phenylether	16.58	248	187306	44.325	nq	97
67) Hexachlorobenzene	16.70	284	197199	45.316	nq	96
68) Atrazine	16.85	200	210502	49.314	nq	97
69) Pentachlorophenol	17.05	266	195764	73.857	nq	98
70) Phenanthrene	17.44	178	801614	44.106	nq	97
71) Anthracene	17.53	178	830716	45.904	nq	97
72) Carbazole	17.80	167	774952	45.091	nq	97
73) Di-n-butylphthalate	18.35	149	890743	43.859	nq #	99
74) Fluoranthene	19.45	202	1108510	45.281	nq	96
76) Benzidine	19.63	184	334363	30.791	nq	96
77) Pyrene	19.81	202	1113441	42.632	nq	98
79) Butylbenzylphthalate	20.69	149	435170	46.593	nq #	93
80) Benzo(a)anthracene	21.64	228	1144461	44.462	nq	99
81) 3,3'-Dichlorobenzidine	21.55	252	226423	25.228	nq #	96
82) Chrysene	21.71	228	1070627	44.885	nq	97
83) Bis(2-ethylhexyl)phthalate	21.54	149	584193	46.009	nq	96
84) Di-n-octyl phthalate	22.74	149	1016847	47.829	nq #	93
85) Indeno(1,2,3-cd)pyrene	28.50	276	1240884	46.989	nq #	85
87) Benzo(b)fluoranthene	23.84	252	1114810	45.226	nq #	96
88) Benzo(k)fluoranthene	23.92	252	1063169	44.117	nq #	96
89) Benzo(a)pyrene	24.71	252	1071324	46.717	nq #	97
90) Dibenzo(a,h)anthracene	28.57	278	1045572	46.441	nq #	96
91) Benzo(g,h,i)perylene	29.65	276	1026560	46.597	nq #	93

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



#1

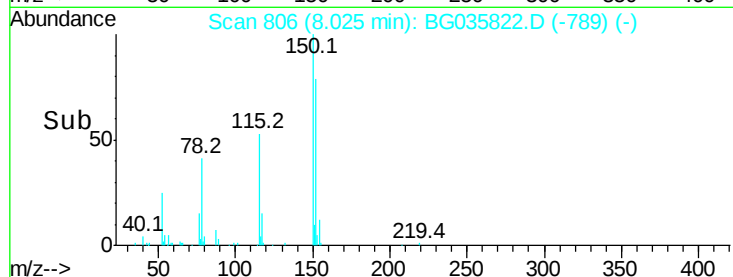
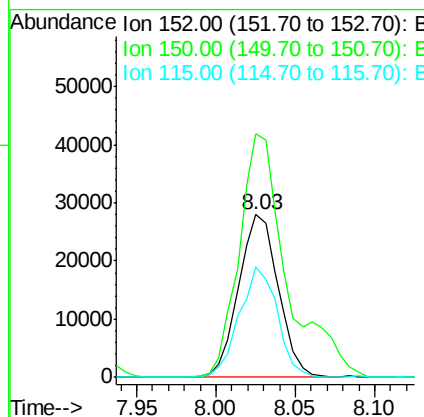
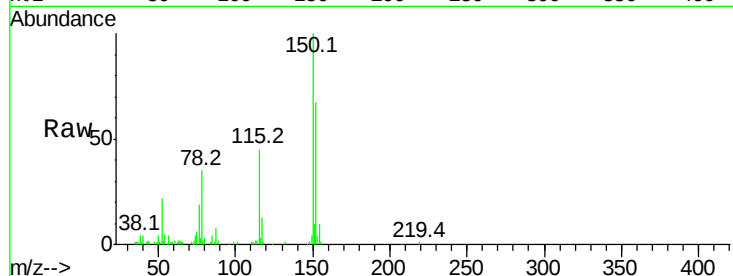
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG035822.D
Acq: 23 Jul 2018 11:26

Instrument :
BNA_G
ClientSampled :
PB111306BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.6	126.6	189.8
115	67.7	53.0	79.4

Manual Integrations
APPROVED

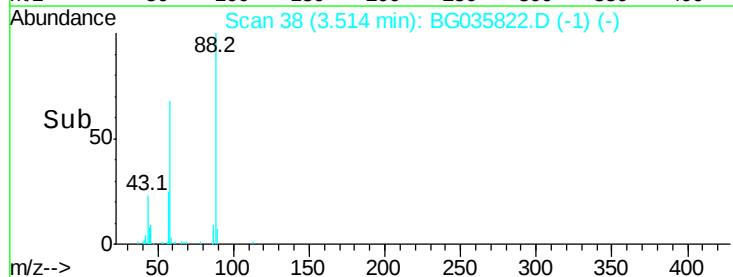
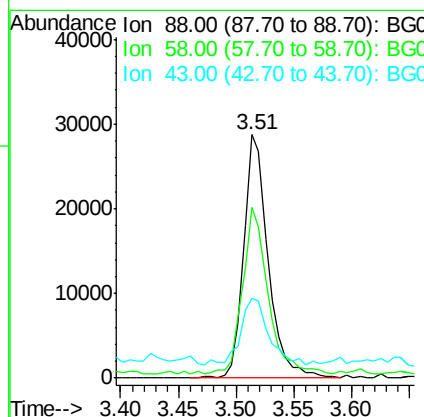
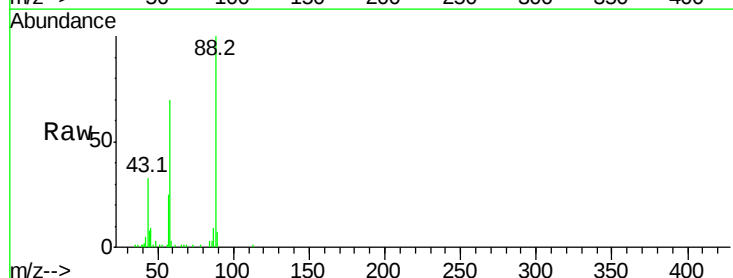
Sohil
7/24/2018 3:05:43 PM

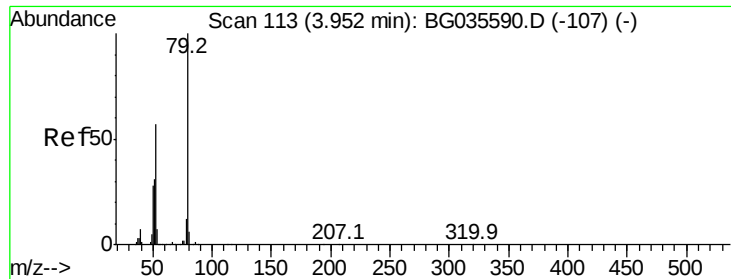


#2

1,4-Dioxane
Concen: 28.412 ng
RT: 3.51 min Scan# 38
Delta R.T. -0.02 min
Lab File: BG035822.D
Acq: 23 Jul 2018 11:26

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.0	79.6	119.4#
43	32.3	27.4	41.0





#3

Pvridine

Concen: 32.582 ng

RT: 3.91 min Scan# 105

Delta R.T. -0.02 min

Lab File: BG035822.D

Acq: 23 Jul 2018 11:26

Instrument :

BNA_G

ClientSampleId :

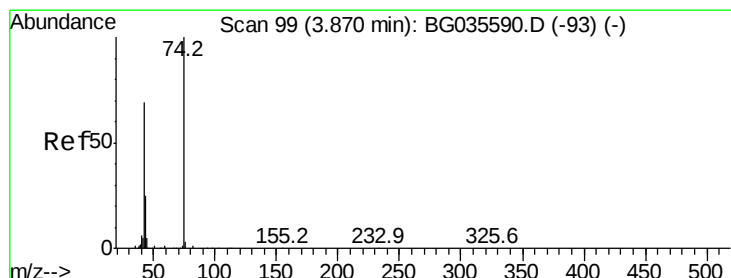
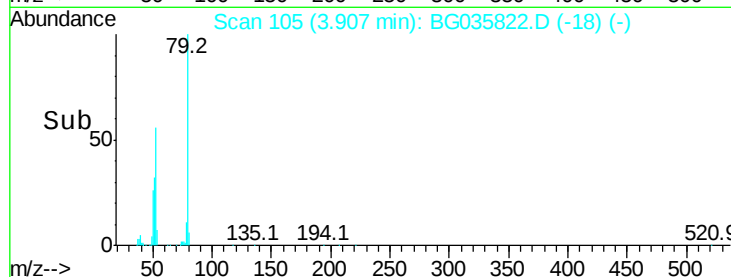
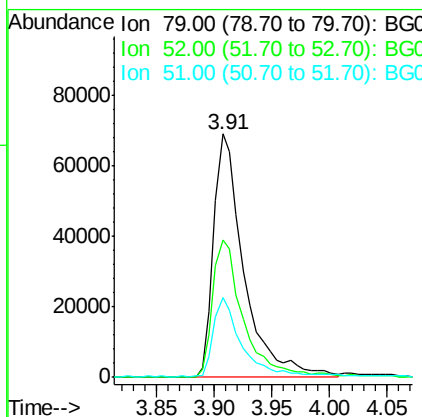
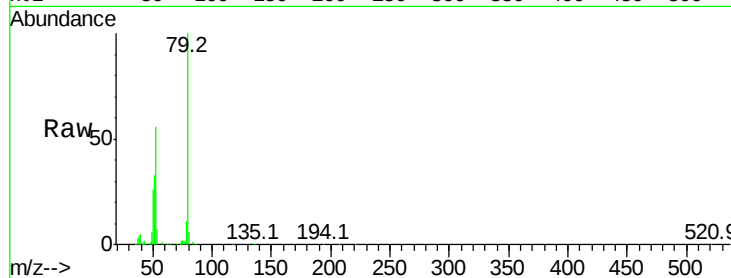
PB111306BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	56.5	69.9	104.9#		
51	32.5	34.0	51.0#		

Manual Integrations
APPROVED

Sohil

7/24/2018 3:05:43 PM



#4

n-Nitrosodimethylamine

Concen: 33.328 ng

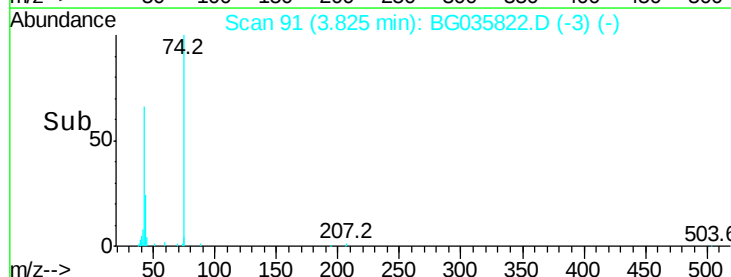
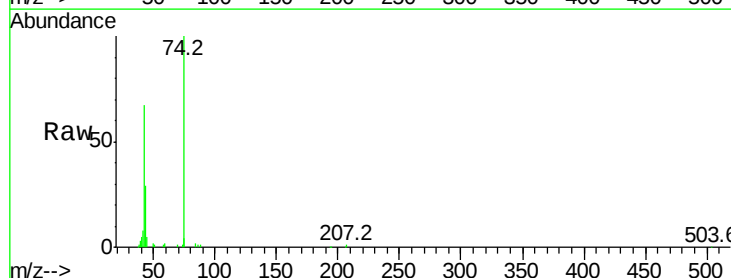
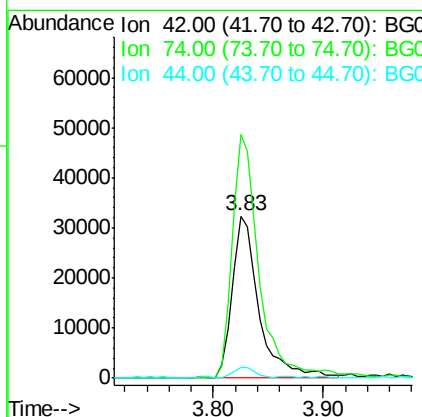
RT: 3.83 min Scan# 91

Delta R.T. -0.01 min

Lab File: BG035822.D

Acq: 23 Jul 2018 11:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	150.3	102.5	153.7		
44	6.8	18.9	28.3#		





#5

2-Fluorophenol

Concen: 134.637 ng

RT: 5.61 min Scan# 395

Delta R.T. -0.00 min

Lab File: BG035822.D

Acq: 23 Jul 2018 11:26

Instrument :

BNA_G

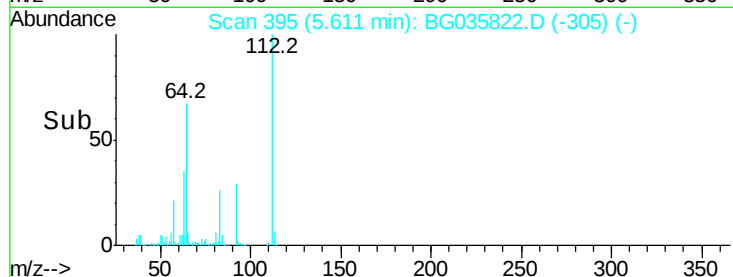
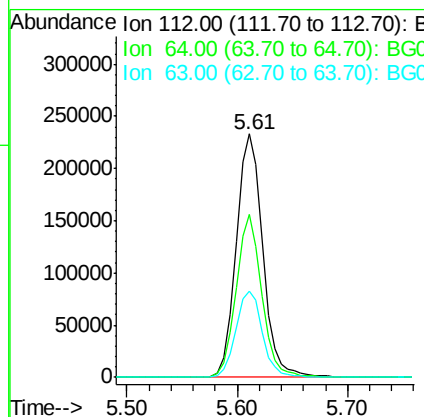
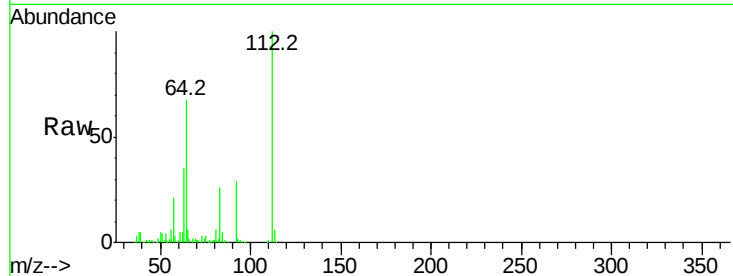
ClientSampleId :

PB111306BS

Tot Ion:	112	Resp:	393133
Ion Ratio	Lower	Upper	
112	100		
64	67.2	56.3	84.5
63	35.4	30.1	45.1

Manual Integrations
APPROVED

Sohil
7/24/2018 3:05:43 PM



#6

Aniline

Concen: 18.641 ng

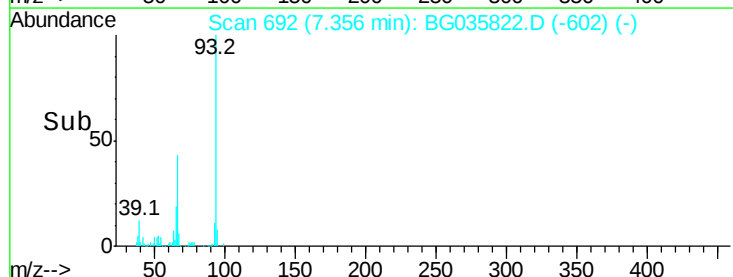
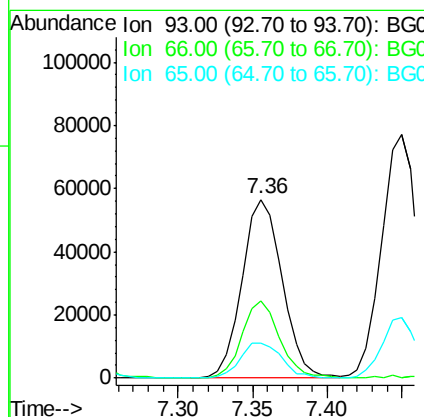
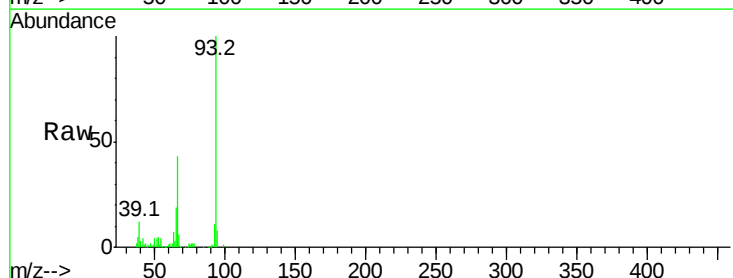
RT: 7.36 min Scan# 692

Delta R.T. -0.00 min

Lab File: BG035822.D

Acq: 23 Jul 2018 11:26

Tgt Ion:	93	Resp:	105258
Ion Ratio	Lower	Upper	
93	100		
66	43.0	33.7	50.5
65	19.2	16.1	24.1





#7

Phenol-d6

Concen: 131.630 ng

RT: 7.20 min Scan# 666

Delta R.T. 0.00 min

Lab File: BG035822.D

Acq: 23 Jul 2018 11:26

Instrument :

BNA_G

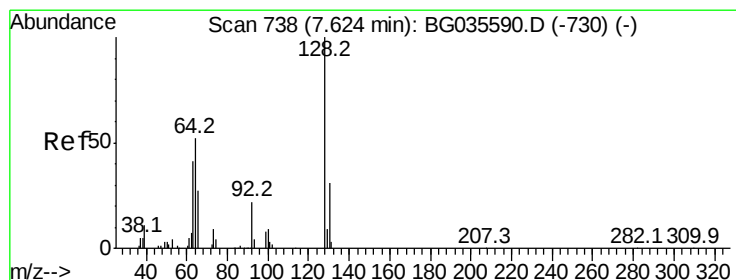
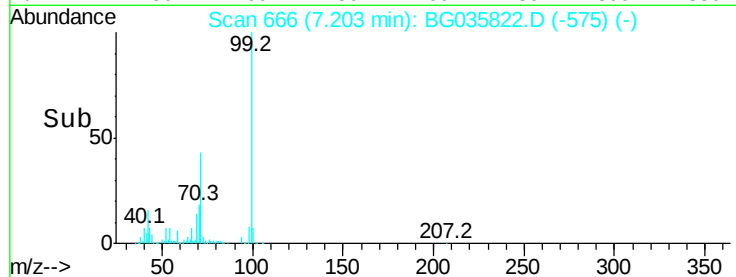
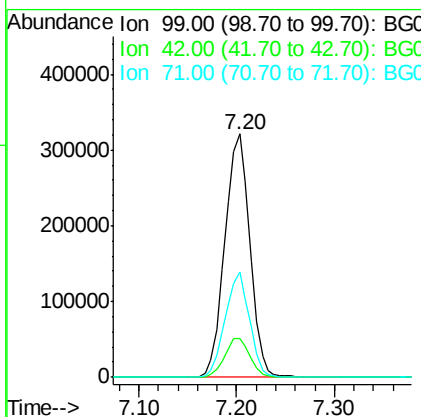
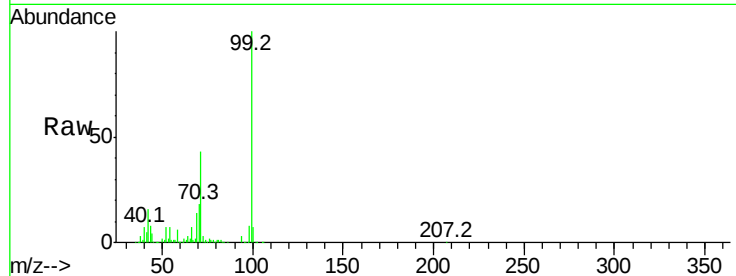
ClientSampleId :

PB111306BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		573452		
42	16.1	14.1	21.1		
71	43.4	26.1	39.1		

Manual Integrations
APPROVED

Sohil
7/24/2018 3:05:43 PM



#8

2-Chlorophenol

Concen: 43.413 ng

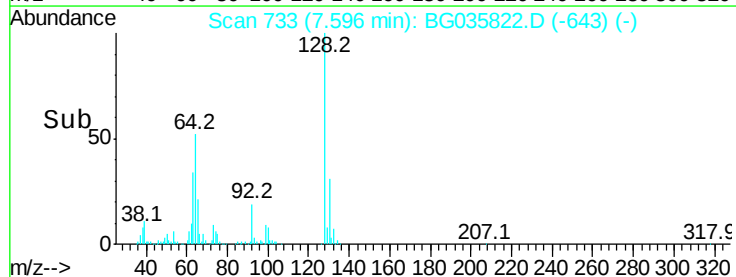
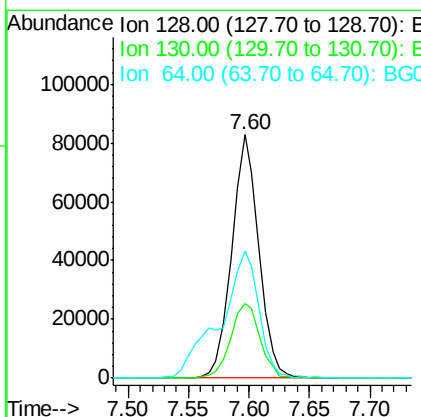
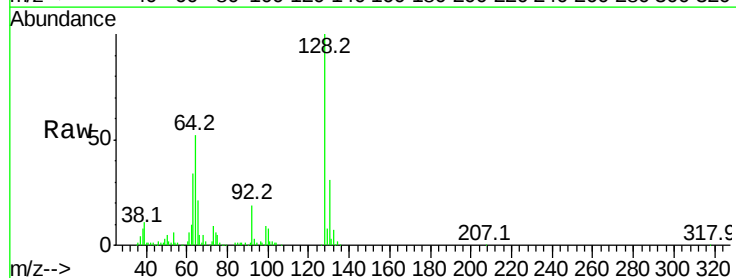
RT: 7.60 min Scan# 733

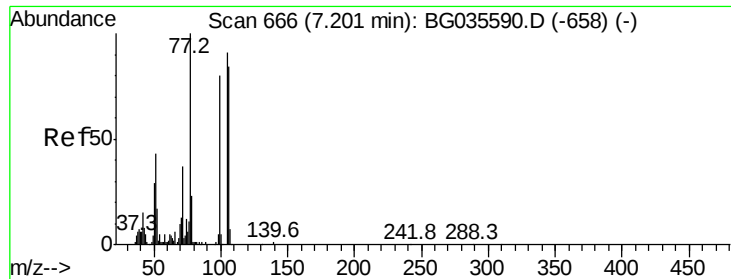
Delta R.T. -0.00 min

Lab File: BG035822.D

Acq: 23 Jul 2018 11:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		128926		
130	30.5	14.0	54.0		
64	52.3	37.7	77.7		





#9

Benzaldehyde

Concen: 24.134 ng

RT: 7.17 min Scan# 660

Delta R.T. -0.00 min

Lab File: BG035822.D

Acq: 23 Jul 2018 11:26

Instrument :

BNA_G

ClientSampleID :

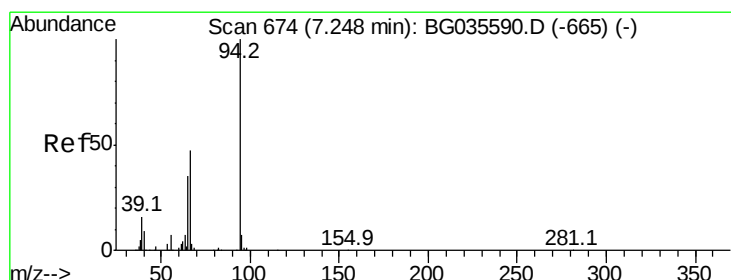
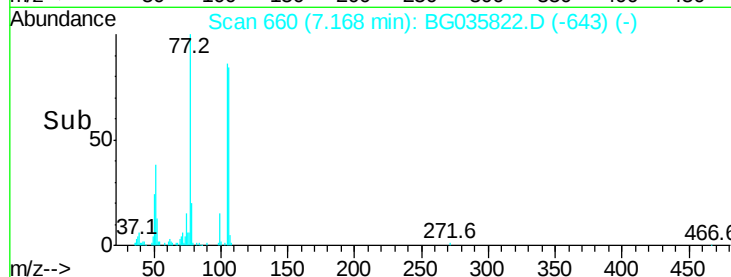
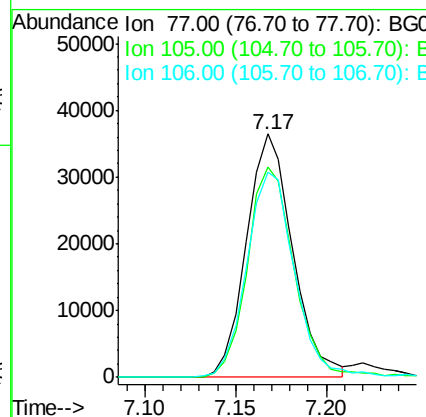
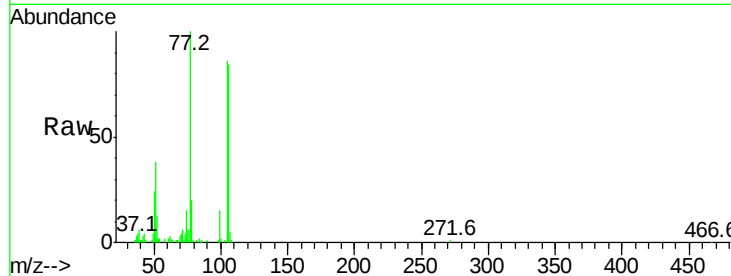
PB111306BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	86.2	71.3	111.3
106	84.2	64.2	104.2

Manual Integrations
APPROVED

Sohil

7/24/2018 3:05:43 PM



#10

Phenol

Concen: 43.552 ng

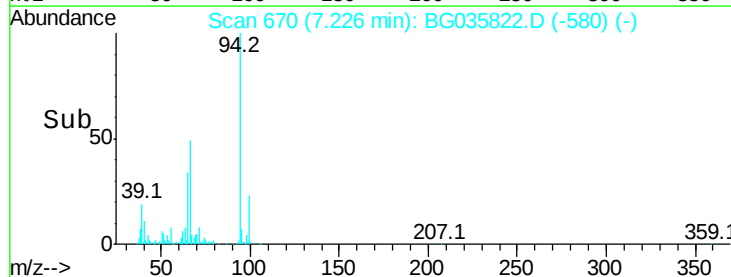
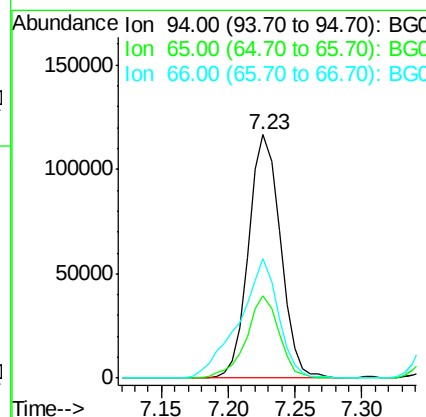
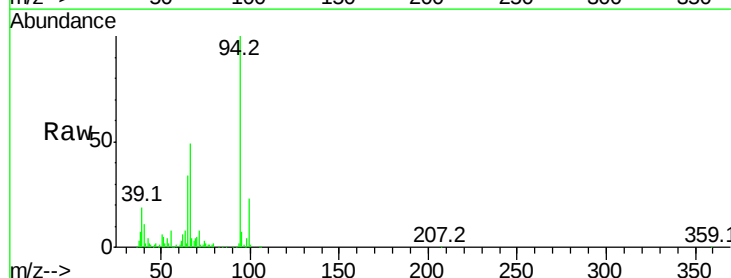
RT: 7.23 min Scan# 670

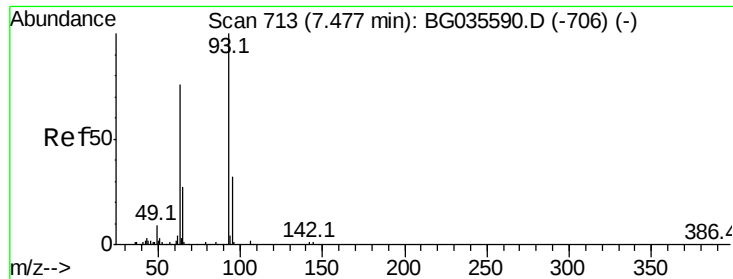
Delta R.T. -0.00 min

Lab File: BG035822.D

Acq: 23 Jul 2018 11:26

Tgt Ion	Ratio	Lower	Upper
94	100		
65	33.7	11.9	51.9
66	49.0	22.2	62.2





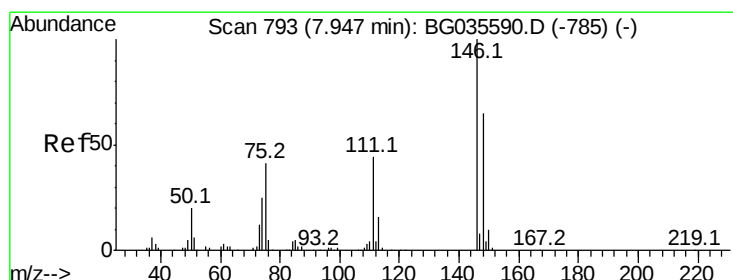
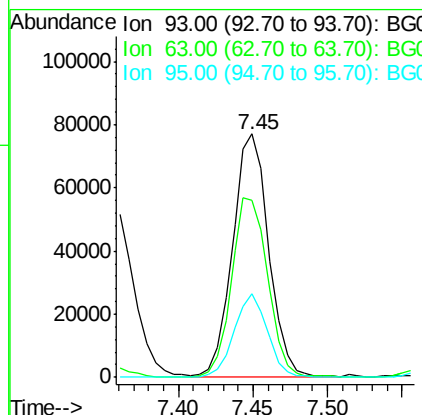
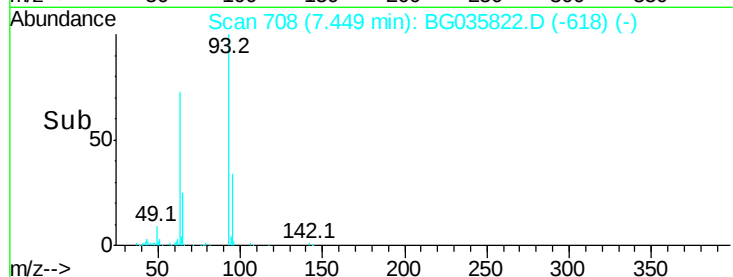
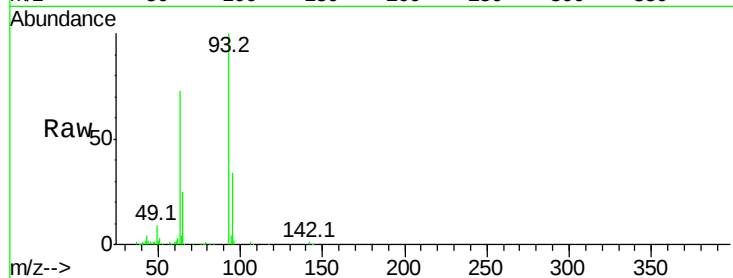
#11
bis(2-Chloroethyl)ether
Concen: 37.373 ng
RT: 7.45 min Scan# 708
Delta R.T. -0.00 min
Lab File: BG035822.D
Acq: 23 Jul 2018 11:26

Instrument :
BNA_G
ClientSampleId :
PB111306BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	72.7	67.1	107.1
95	34.4	11.5	51.5

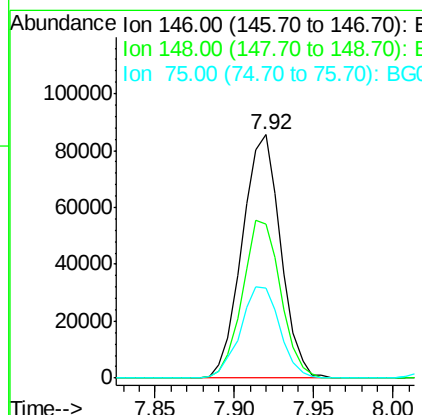
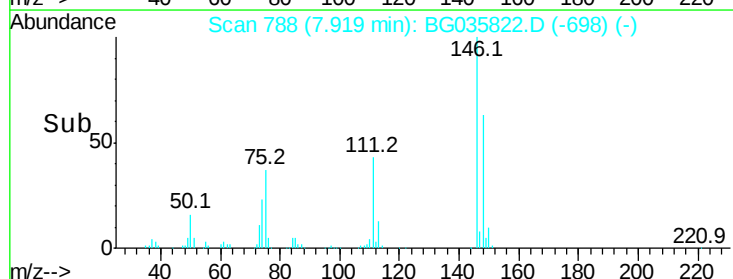
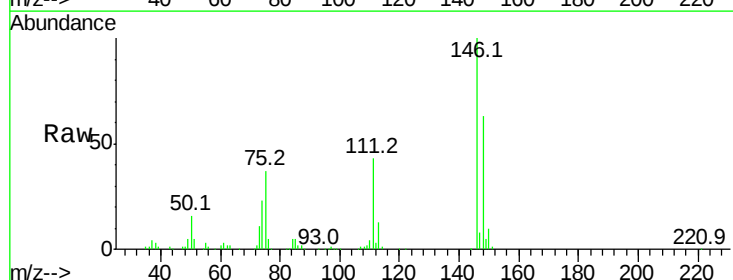
Manual Integrations
APPROVED

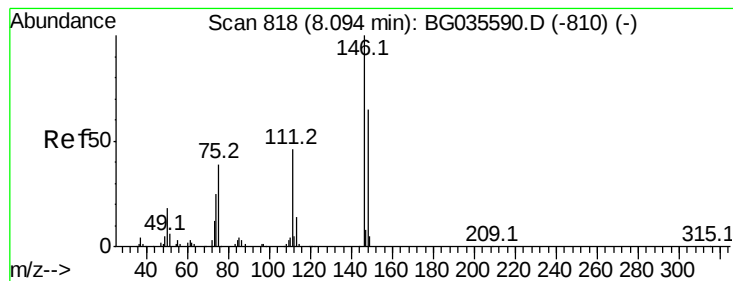
Sohil
7/24/2018 3:05:43 PM



#12
1,3-Dichlorobenzene
Concen: 40.205 ng
RT: 7.92 min Scan# 788
Delta R.T. -0.00 min
Lab File: BG035822.D
Acq: 23 Jul 2018 11:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.4	77.2
75	37.1	26.6	39.8





#13

1,4-Dichlorobenzene

Concen: 40.646 ng

RT: 8.06 min Scan# 812

Delta R.T. -0.00 min

Lab File: BG035822.D

Acq: 23 Jul 2018 11:26

Instrument :

BNA_G

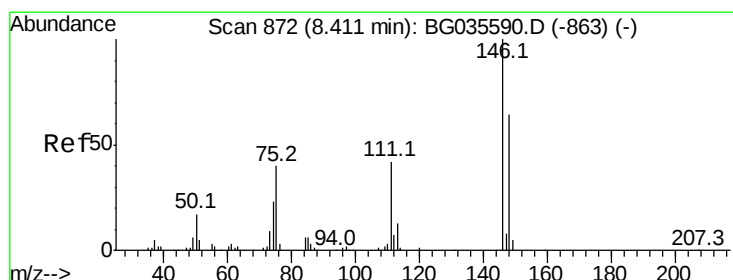
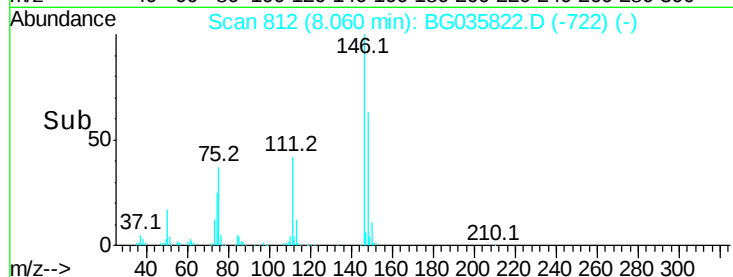
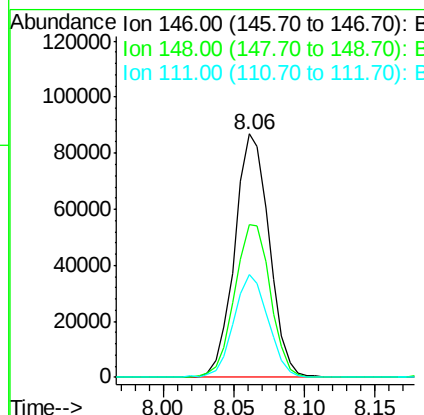
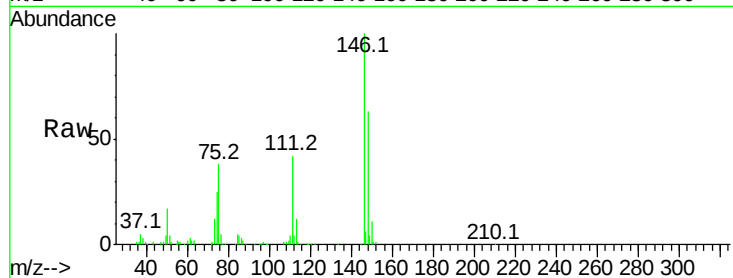
ClientSampleId :

PB111306BS

Tot Ion:	146	Resp:	148105
Ion Ratio	Lower	Upper	
146	100		
148	62.5	53.7	80.5
111	42.5	35.2	52.8

Manual Integrations
APPROVED

Sohil
7/24/2018 3:05:43 PM



#14

1,2-Dichlorobenzene

Concen: 40.220 ng

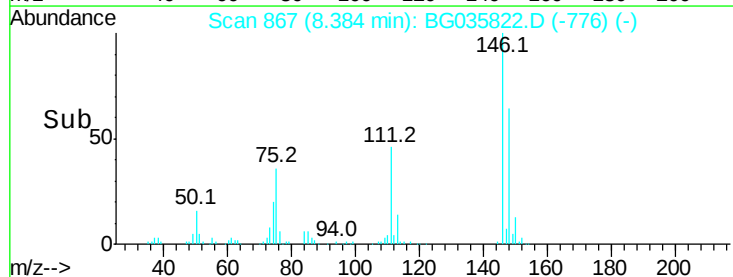
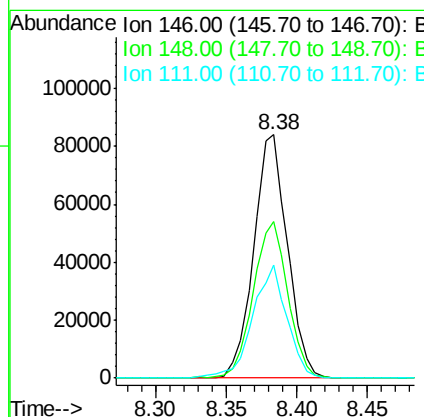
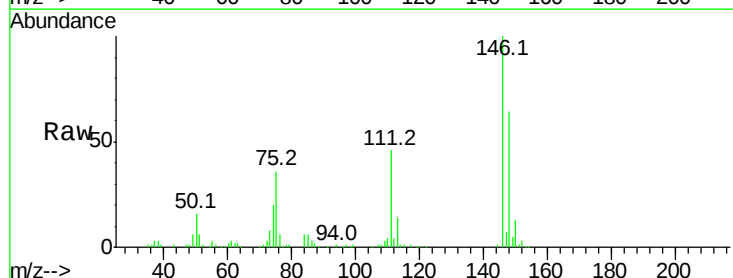
RT: 8.38 min Scan# 867

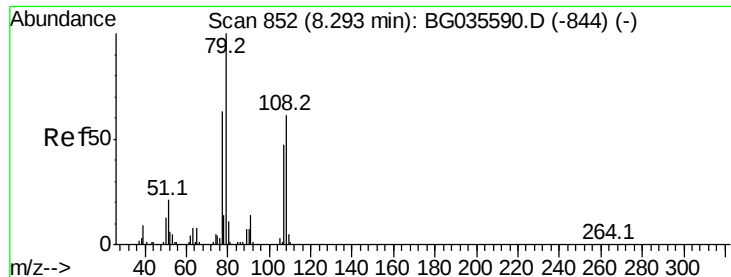
Delta R.T. 0.00 min

Lab File: BG035822.D

Acq: 23 Jul 2018 11:26

Tgt Ion:	146	Resp:	140788
Ion Ratio	Lower	Upper	
146	100		
148	64.1	49.3	73.9
111	46.4	34.3	51.5





#15

Benzyl Alcohol

Concen: 38.013 ng

RT: 8.27 min Scan# 847

Delta R.T. -0.00 min

Lab File: BG035822.D

Acq: 23 Jul 2018 11:26

Instrument :

BNA_G

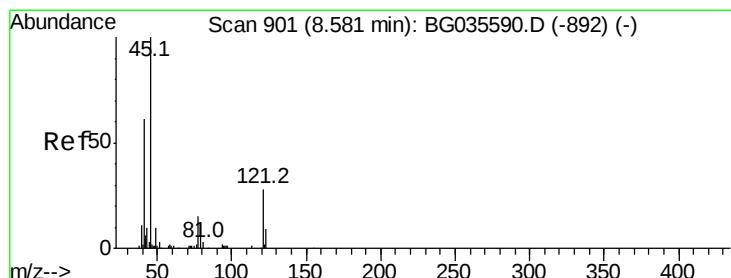
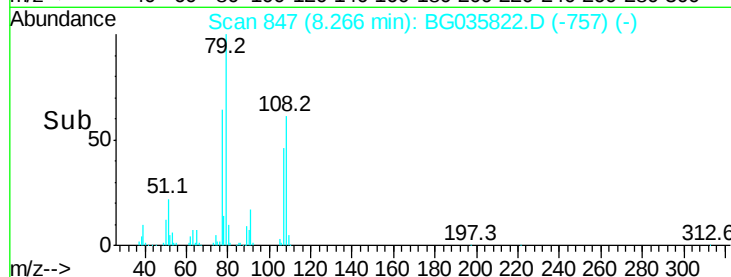
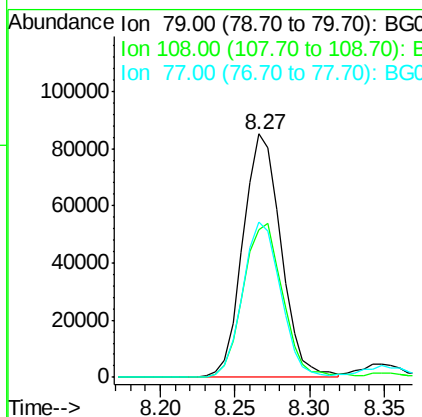
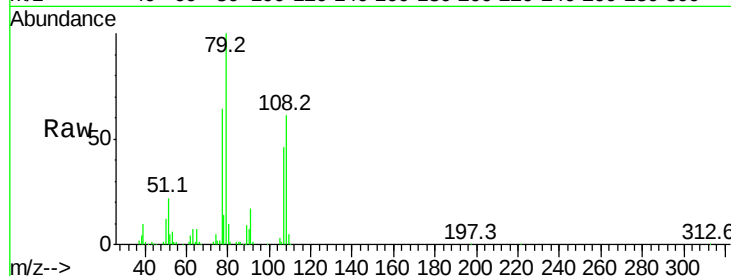
ClientSampleId :

PB111306BS

Tot Ion:	79	Resp:	150384
Ion Ratio	Lower	Upper	
79	100		
108	60.9	57.2	85.8
77	63.9	46.1	69.1

Manual Integrations
APPROVED

Sohil
7/24/2018 3:05:43 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 50.164 ng

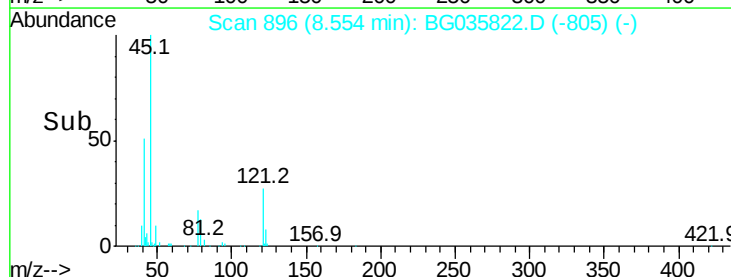
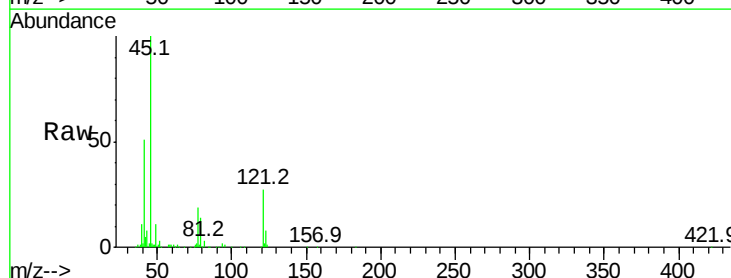
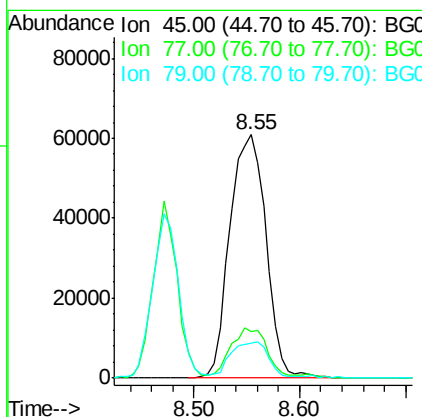
RT: 8.55 min Scan# 896

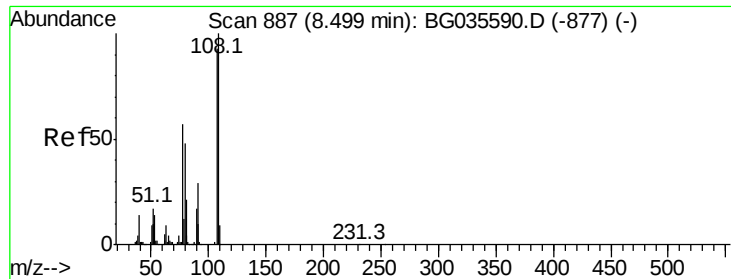
Delta R.T. 0.00 min

Lab File: BG035822.D

Acq: 23 Jul 2018 11:26

Tgt Ion:	45	Resp:	144964
Ion Ratio	Lower	Upper	
45	100		
77	19.3	0.0	30.2
79	14.1	0.0	27.9





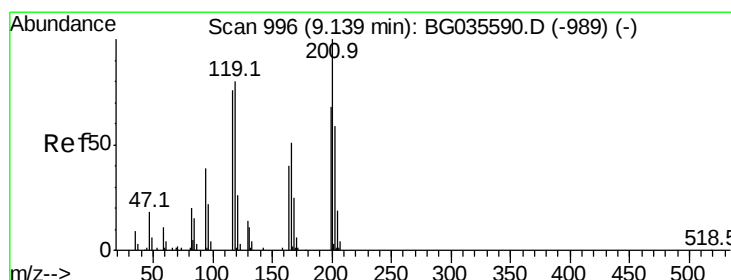
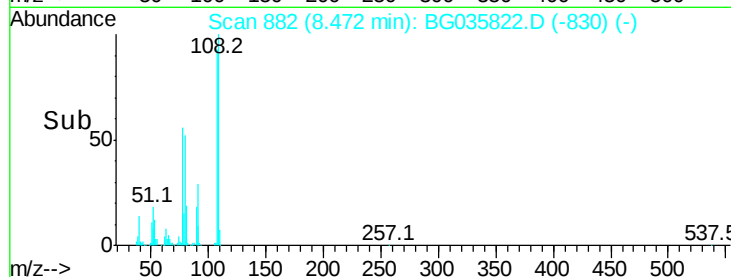
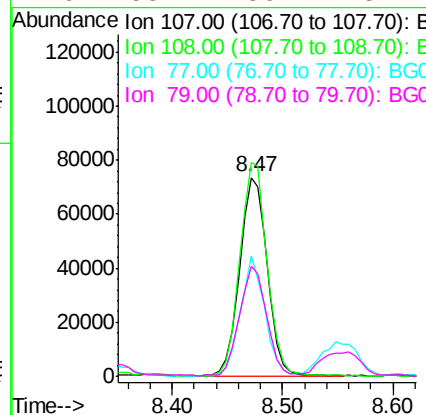
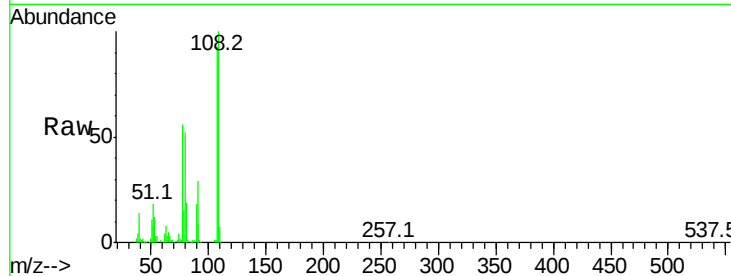
#17
2-Methylphenol
Concen: 43.154 ng
RT: 8.47 min Scan# 882
Delta R.T. 0.00 min
Lab File: BG035822.D
Acq: 23 Jul 2018 11:26

Instrument :
BNA_G
ClientSampleId :
PB111306BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	107.6	83.9	125.9	
77	60.4	37.2	55.8#	
79	55.7	36.2	54.2#	

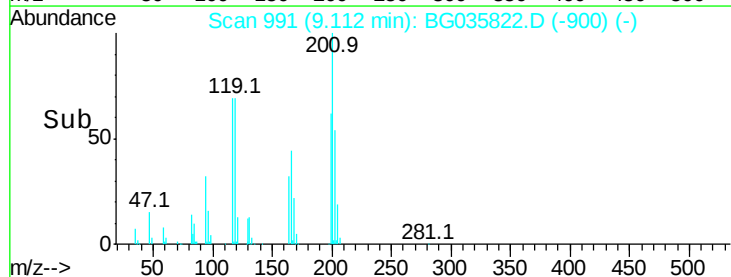
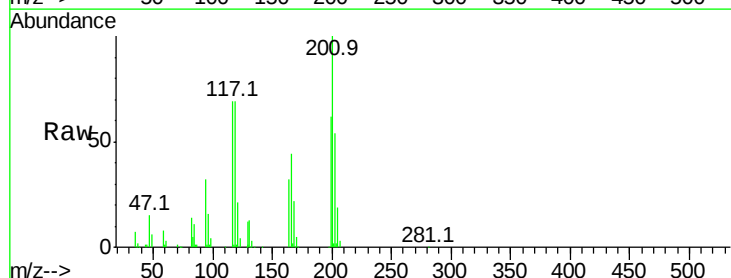
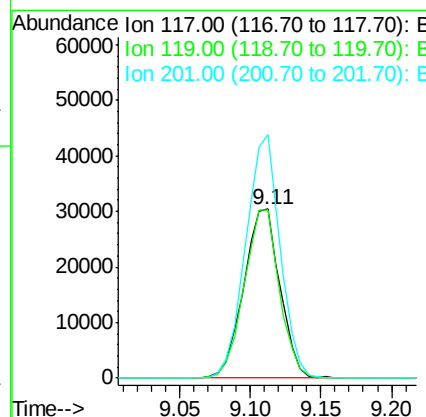
Manual Integrations
APPROVED

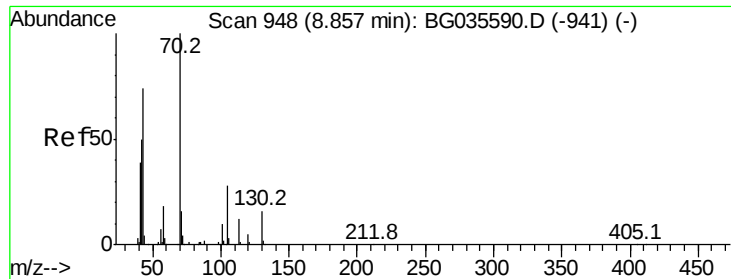
Sohil
7/24/2018 3:05:43 PM



#18
Hexachloroethane
Concen: 39.369 ng
RT: 9.11 min Scan# 991
Delta R.T. 0.00 min
Lab File: BG035822.D
Acq: 23 Jul 2018 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	99.7	76.7	115.1	
201	144.2	95.7	143.5#	





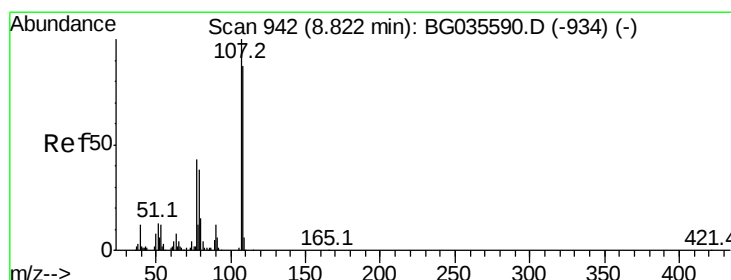
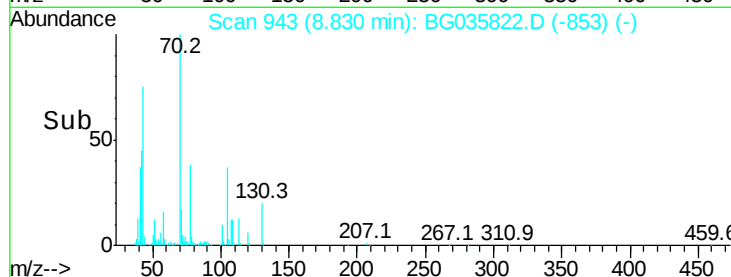
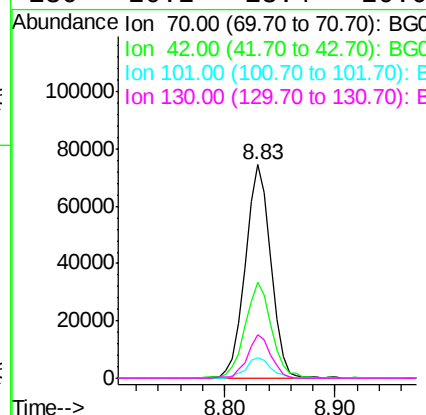
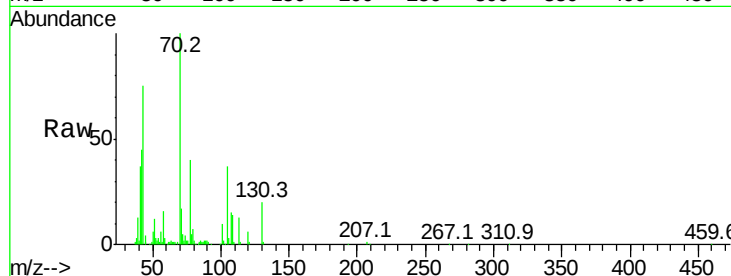
#19
n-Nitroso-di-n-propylamine
Concen: 33.038 ng
RT: 8.83 min Scan# 943
Delta R.T. -0.00 min
Lab File: BG035822.D
Acq: 23 Jul 2018 11:26

Instrument :
BNA_G
ClientSampleId :
PB111306BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	45.0	49.1	73.7#
101	9.7	8.5	12.7
130	20.2	13.4	20.0#

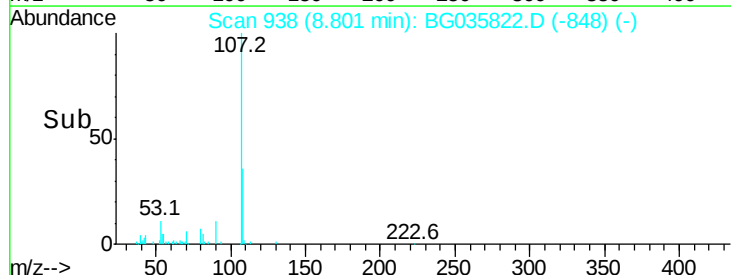
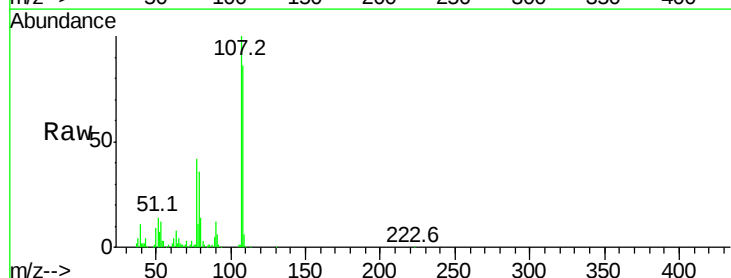
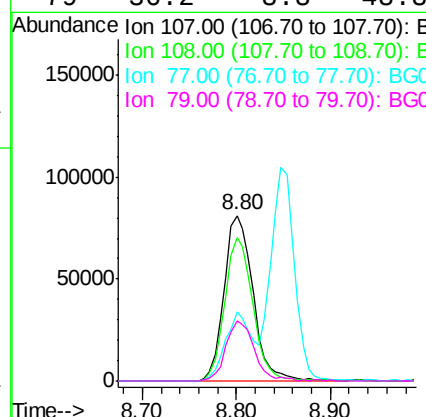
Manual Integrations
APPROVED

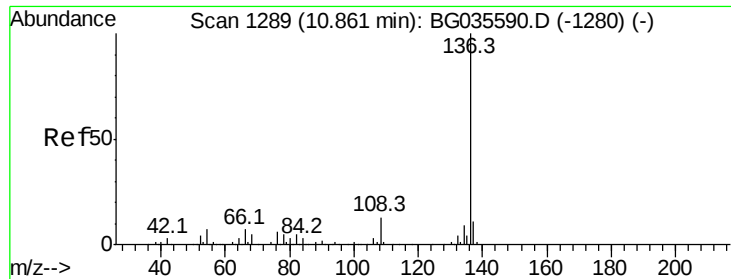
Sohil
7/24/2018 3:05:43 PM



#20
3+4-Methylphenols
Concen: 42.080 ng
RT: 8.80 min Scan# 938
Delta R.T. -0.00 min
Lab File: BG035822.D
Acq: 23 Jul 2018 11:26

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.3	61.6	101.6
77	41.6	13.9	53.9
79	36.2	8.8	48.8





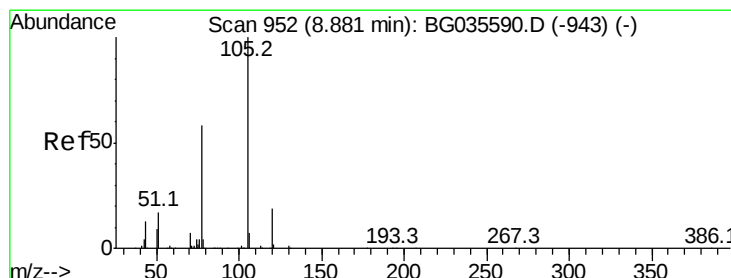
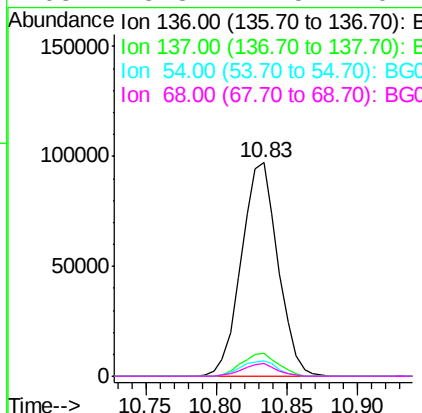
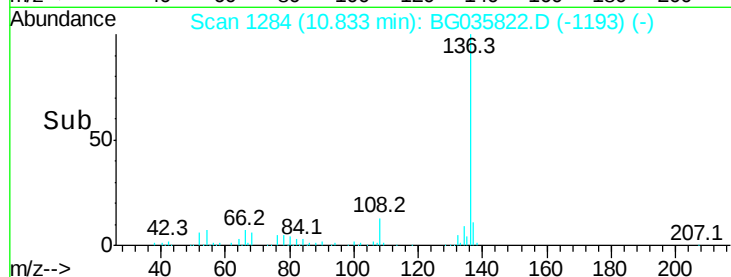
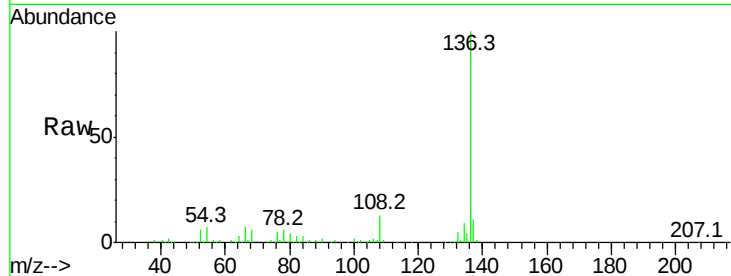
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BG035822.D
Acq: 23 Jul 2018 11:26

Instrument :
BNA_G
ClientSampleId :
PB111306BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	9.2	13.8	
54	7.3	10.3	15.5	
68	5.8	4.5	6.7	

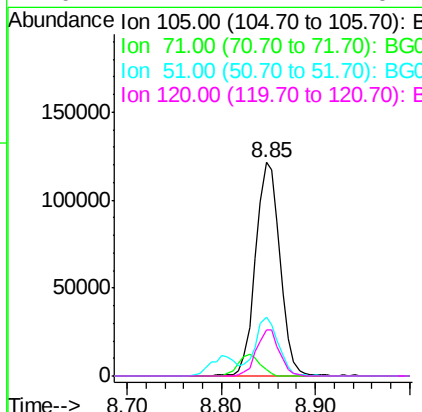
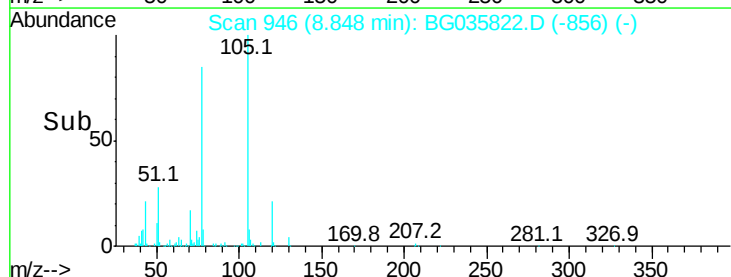
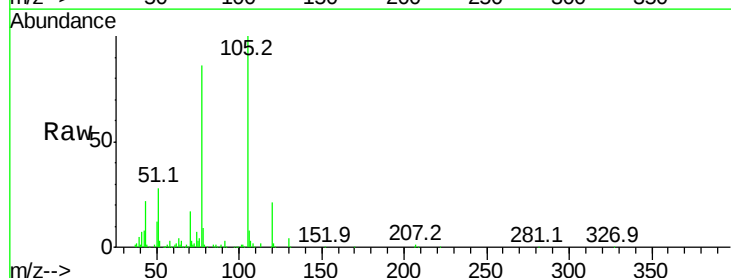
Manual Integrations
APPROVED

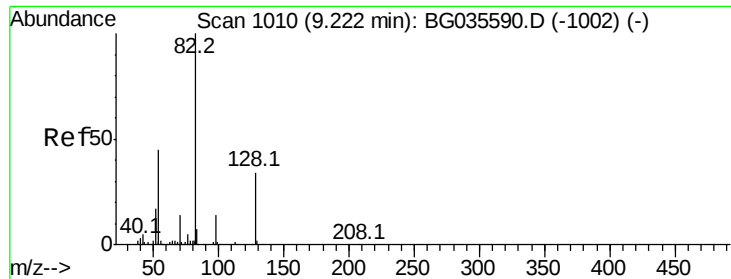
Sohil
7/24/2018 3:05:43 PM



#22
Acetophenone
Concen: 40.060 ng
RT: 8.85 min Scan# 946
Delta R.T. -0.00 min
Lab File: BG035822.D
Acq: 23 Jul 2018 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	2.7	3.0	4.4	
51	27.9	26.1	39.1	
120	21.4	17.4	26.2	





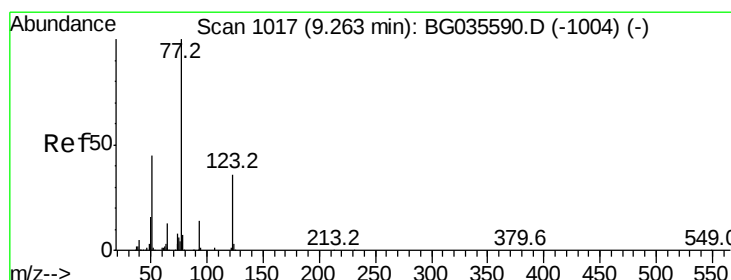
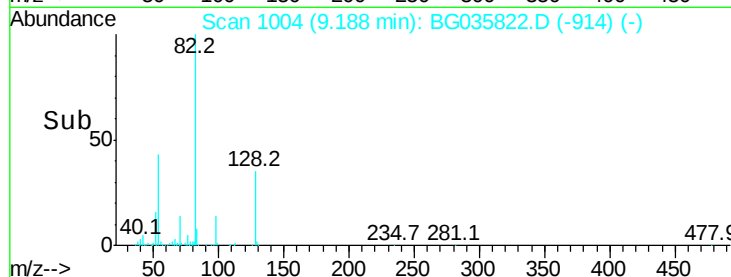
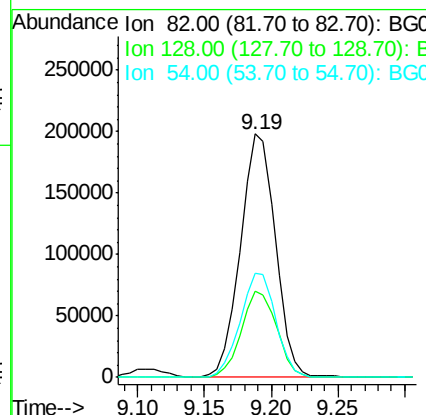
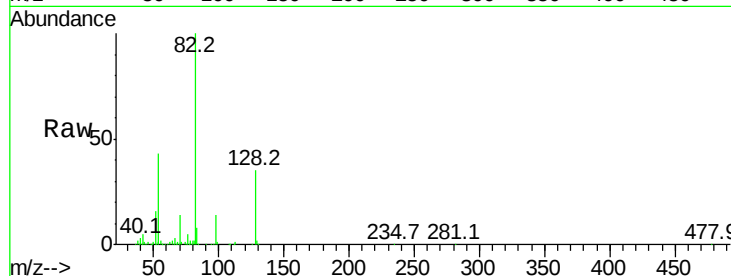
#23
Nitrobenzene-d5
Concen: 84.989 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BG035822.D
Acq: 23 Jul 2018 11:26

Instrument :
BNA_G
ClientSampleId :
PB111306BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	35.2	29.7	44.5
54	42.9	43.1	64.7#

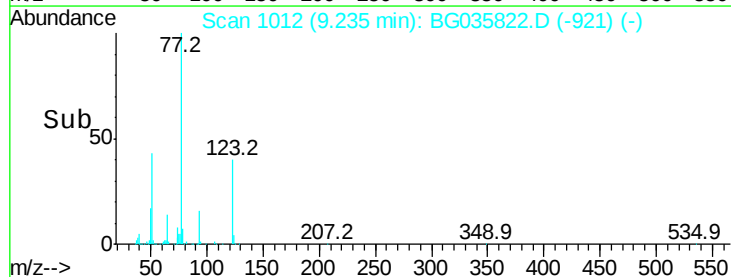
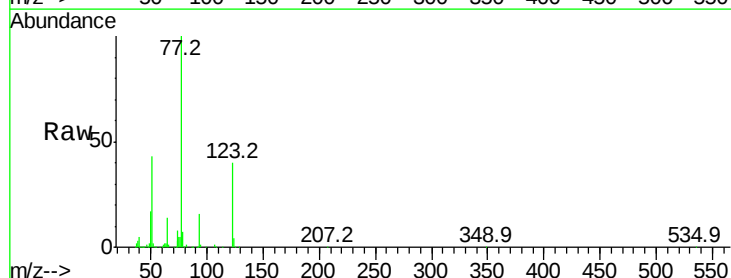
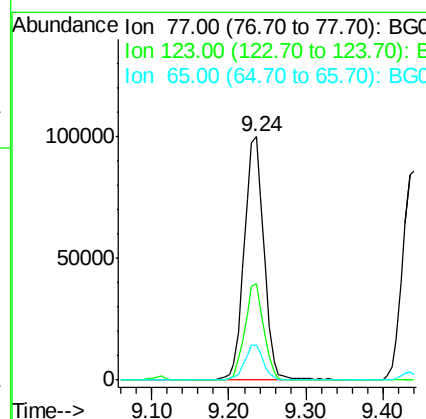
Manual Integrations
APPROVED

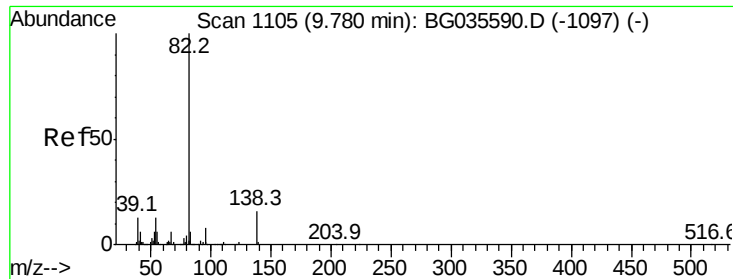
Sohil
7/24/2018 3:05:43 PM



#24
Nitrobenzene
Concen: 42.400 ng
RT: 9.24 min Scan# 1012
Delta R.T. 0.00 min
Lab File: BG035822.D
Acq: 23 Jul 2018 11:26

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.6	33.0	49.6
65	14.3	13.0	19.6





#25

Isophorone

Concen: 43.275 ng

RT: 9.75 min Scan# 1100

Delta R.T. -0.00 min

Lab File: BG035822.D

Acq: 23 Jul 2018 11:26

Instrument :

BNA_G

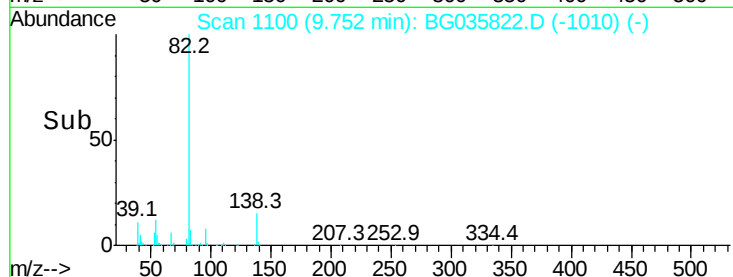
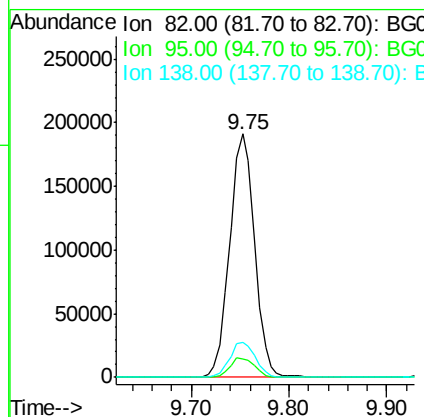
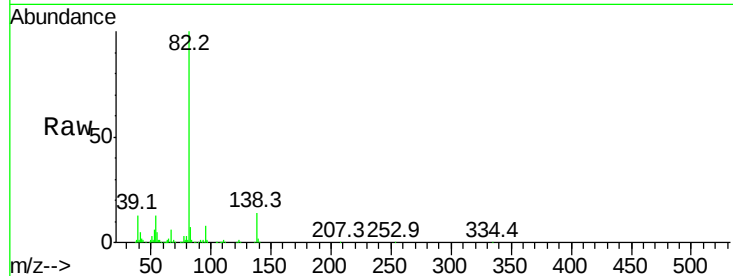
ClientSampleId :

PB111306BS

Tot Ion:	82	Resp:	338653
Ion Ratio	Lower	Upper	
82	100		
95	7.7	6.2	9.2
138	14.3	12.1	18.1

Manual Integrations
APPROVED

Sohil
7/24/2018 3:05:43 PM



#26

2-Nitrophenol

Concen: 50.237 ng

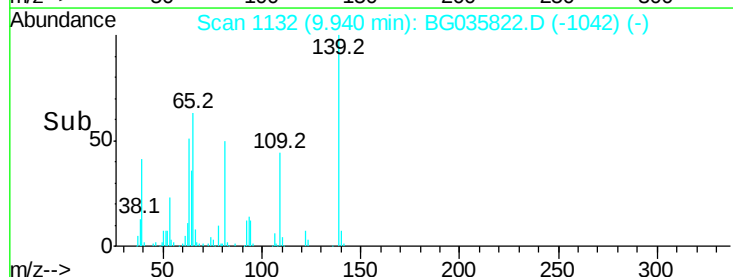
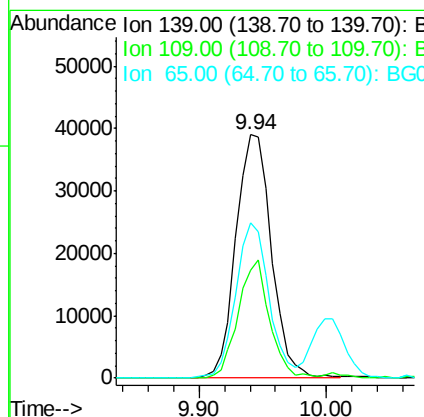
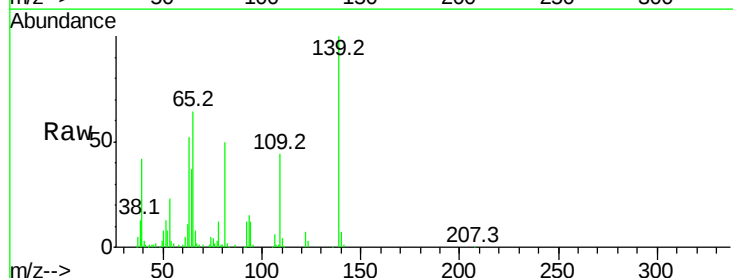
RT: 9.94 min Scan# 1132

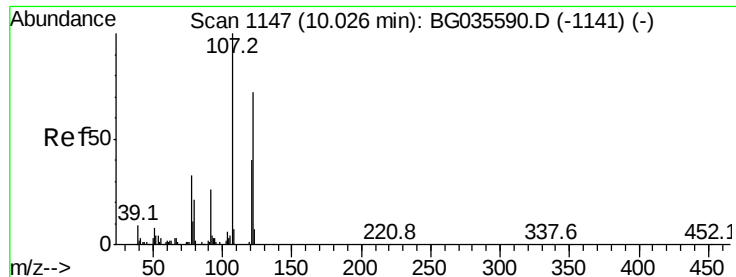
Delta R.T. -0.00 min

Lab File: BG035822.D

Acq: 23 Jul 2018 11:26

Tgt Ion:	139	Resp:	75642
Ion Ratio	Lower	Upper	
139	100		
109	44.2	24.2	36.2#
65	63.9	47.4	71.0





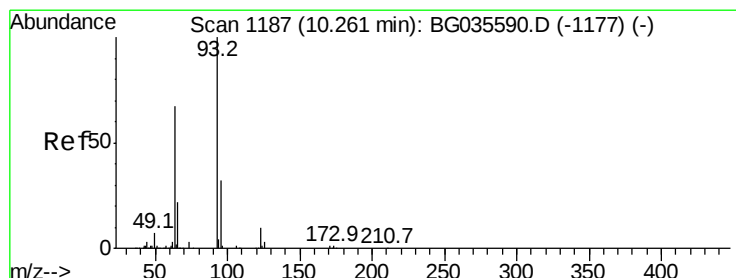
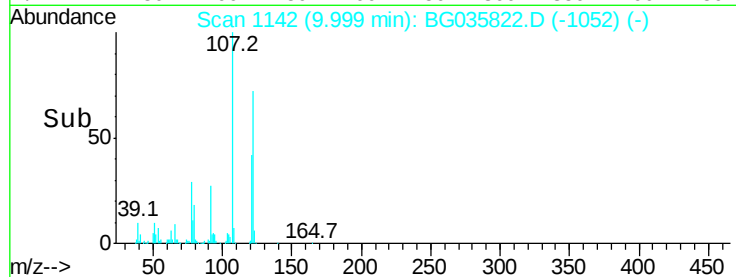
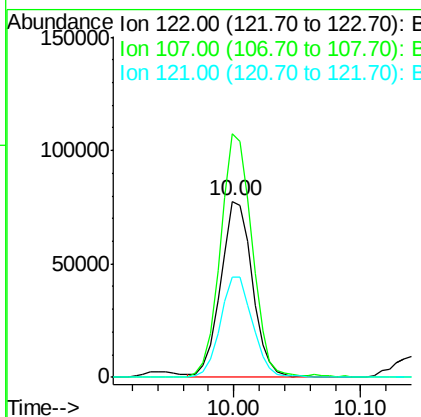
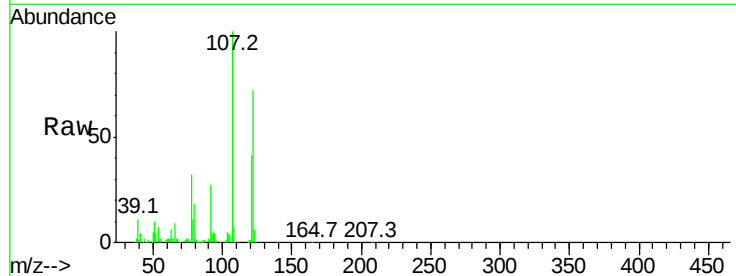
#27
2,4-Dimethylphenol
Concen: 52.885 ng
RT: 10.00 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BG035822.D
Acq: 23 Jul 2018 11:26

Instrument :
BNA_G
ClientSampleId :
PB111306BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	138.5	100.2	150.2
121	57.3	44.4	66.6

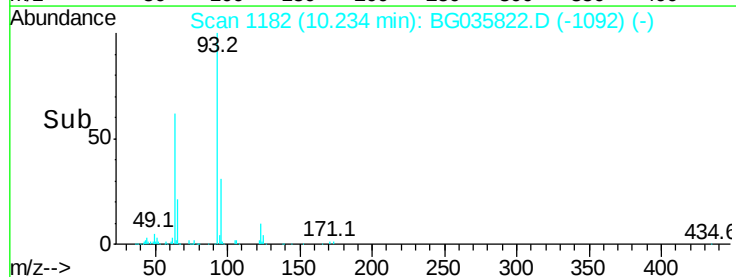
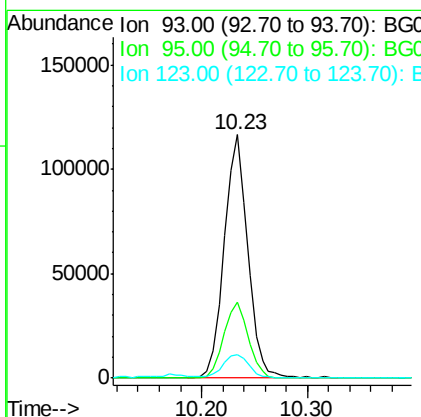
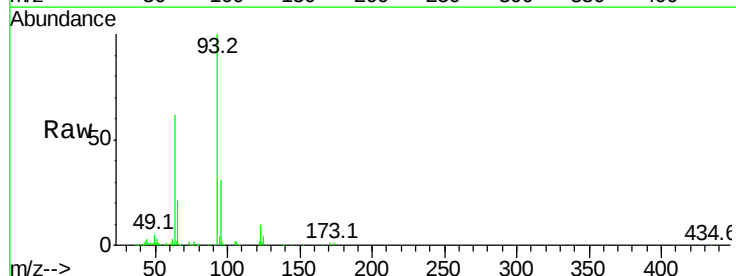
Manual Integrations
APPROVED

Sohil
7/24/2018 3:05:43 PM



#28
bis(2-Chloroethoxy)methane
Concen: 41.693 ng
RT: 10.23 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BG035822.D
Acq: 23 Jul 2018 11:26

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.0	24.3	36.5
123	9.9	8.4	12.6





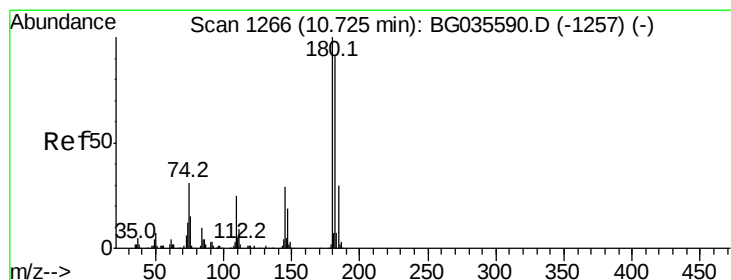
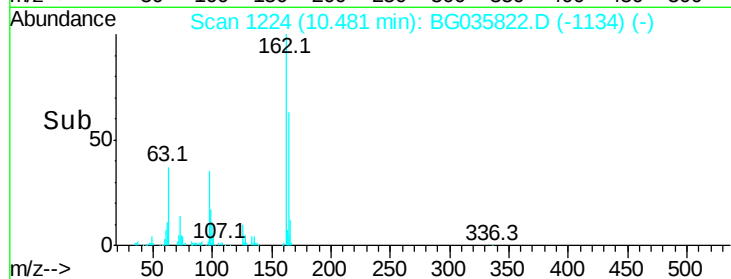
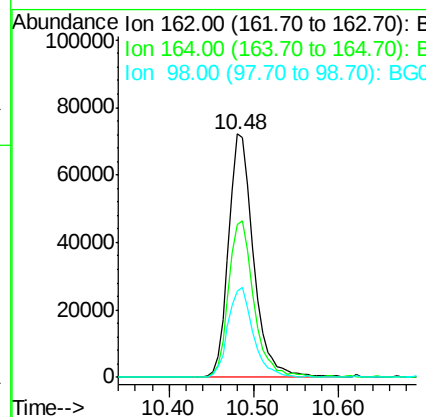
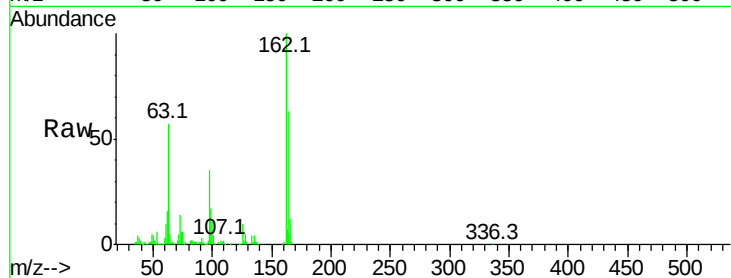
#29
2,4-Dichlorophenol
Concen: 50.763 ng
RT: 10.48 min Scan# 1224
Delta R.T. -0.00 min
Lab File: BG035822.D
Acq: 23 Jul 2018 11:26

Instrument :
BNA_G
ClientSampleId :
PB111306BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	62.7	48.0	88.0
98	35.5	21.1	61.1

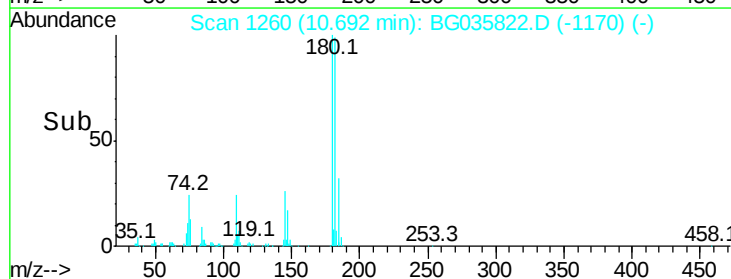
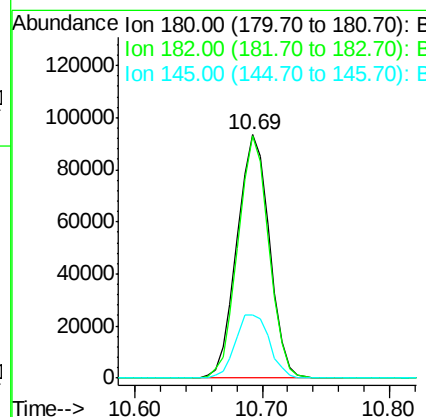
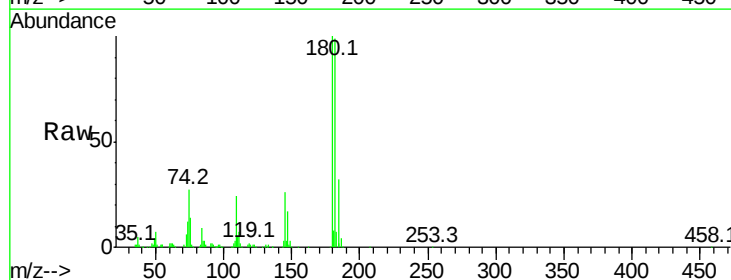
Manual Integrations
APPROVED

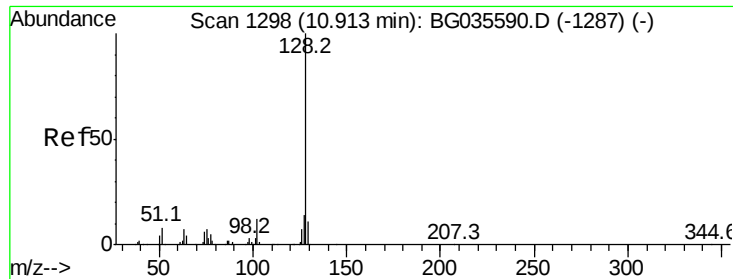
Sohil
7/24/2018 3:05:43 PM



#30
1,2,4-Trichlorobenzene
Concen: 46.209 ng
RT: 10.69 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BG035822.D
Acq: 23 Jul 2018 11:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	99.3	77.5	116.3
145	26.1	23.4	35.2





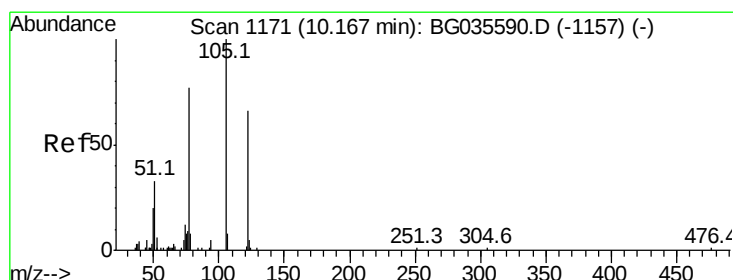
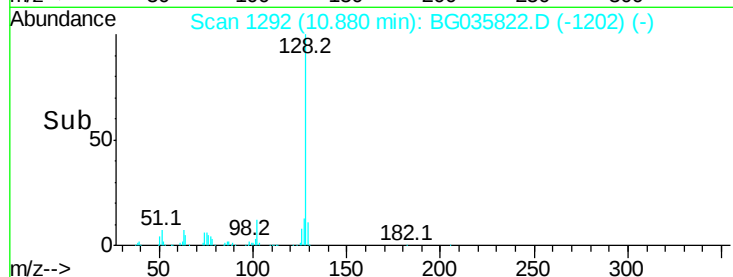
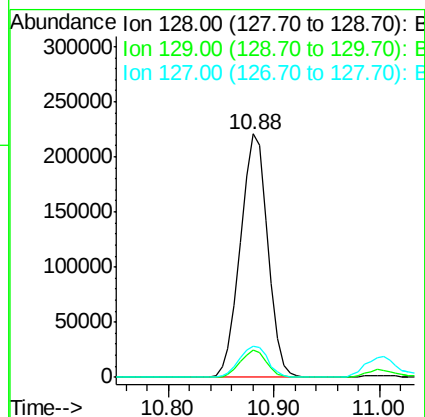
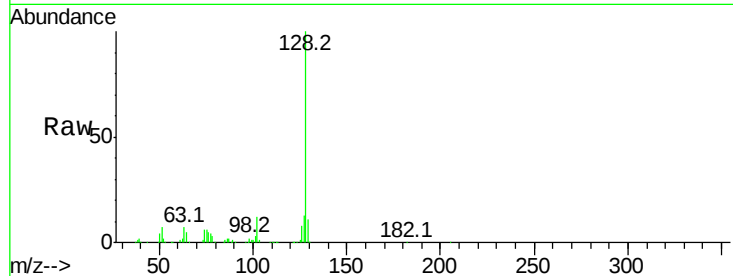
#31
Naphthalene
Concen: 43.047 ng
RT: 10.88 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BG035822.D
Acq: 23 Jul 2018 11:26

Instrument :
BNA_G
ClientSampleId :
PB111306BS

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

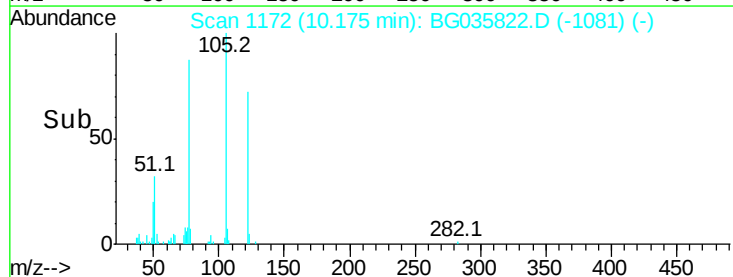
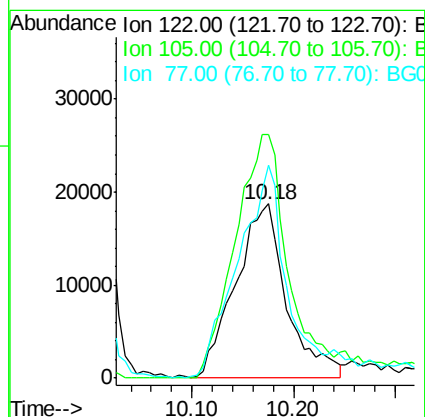
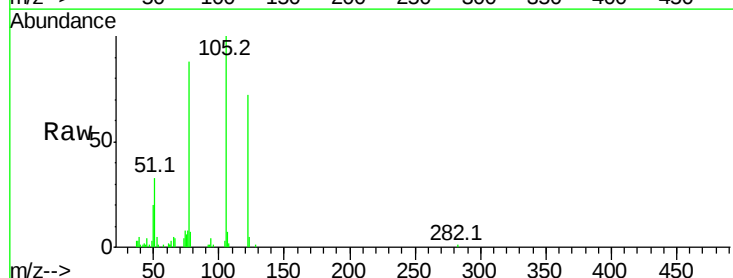
Manual Integrations
APPROVED

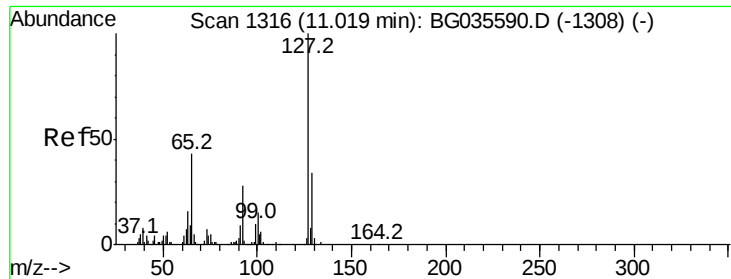
Sohil
7/24/2018 3:05:43 PM



#32
Benzoic acid
Concen: 38.262 ng
RT: 10.18 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BG035822.D
Acq: 23 Jul 2018 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	139.6	123.5	163.5	
77	122.3	85.7	125.7	





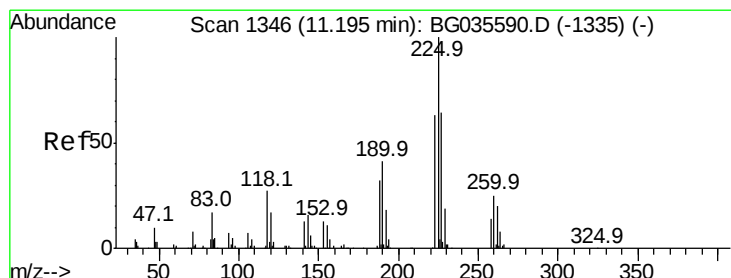
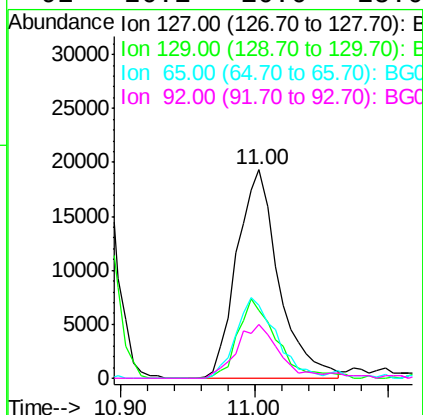
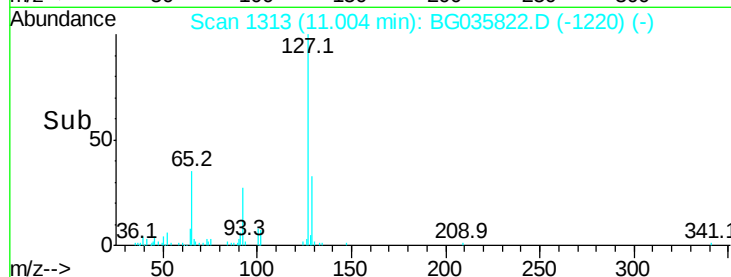
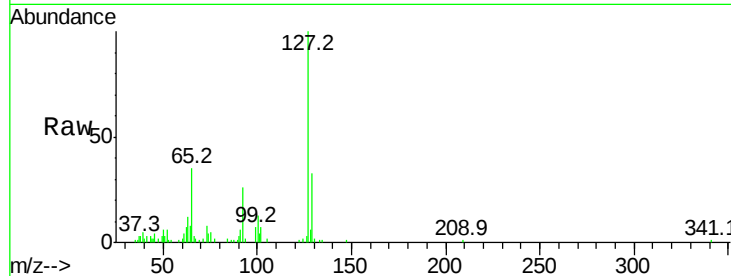
#33
4-Chloroaniline
Concen: 10.524 ng
RT: 11.00 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BG035822.D
Acq: 23 Jul 2018 11:26

Instrument :
BNA_G
ClientSampleId :
PB111306BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.9	24.0	36.0
65	34.8	27.0	40.4
92	26.1	16.6	25.0

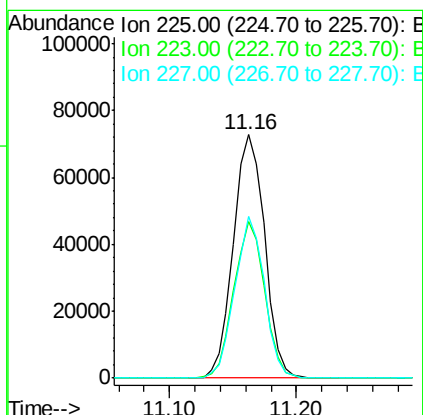
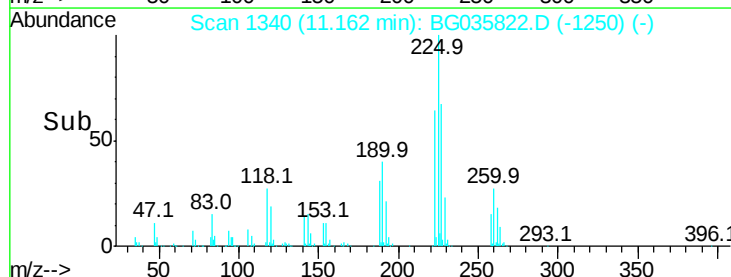
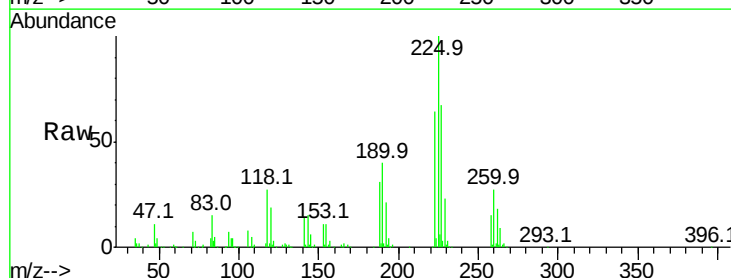
Manual Integrations
APPROVED

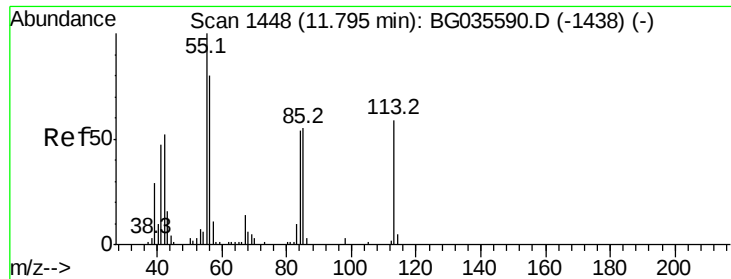
Sohil
7/24/2018 3:05:43 PM



#34
Hexachlorobutadiene
Concen: 44.628 ng
RT: 11.16 min Scan# 1340
Delta R.T. -0.00 min
Lab File: BG035822.D
Acq: 23 Jul 2018 11:26

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.2	49.7	74.5
227	66.6	48.1	72.1





#35

Caprolactam

Concen: 42.665 ng/ml

RT: 11.78 min Scan# 1445

Delta R.T. 0.01 min

Lab File: BG035822.D

Acq: 23 Jul 2018 11:26

Instrument :

BNA_G

ClientSampled :

PB111306BS

Tot Ion:113 Resp: 53268

Ion Ratio Lower Upper

113 100

55 141.1 186.9 226.9#

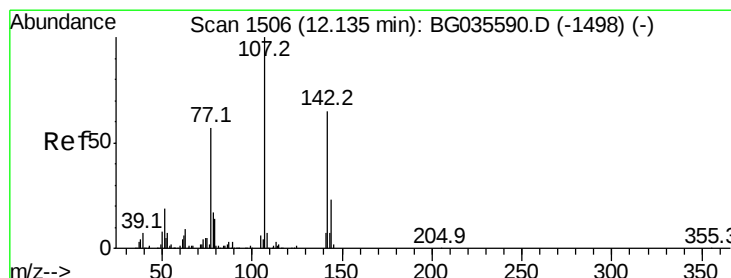
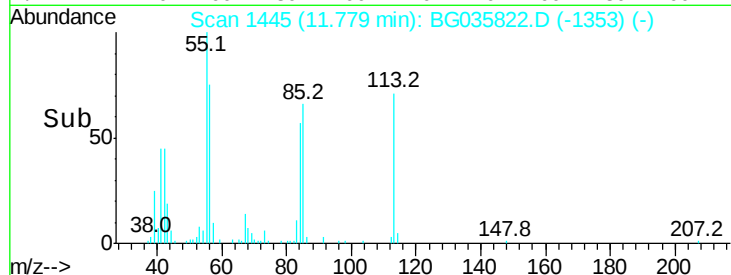
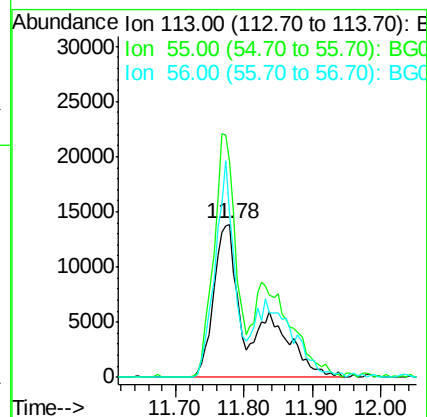
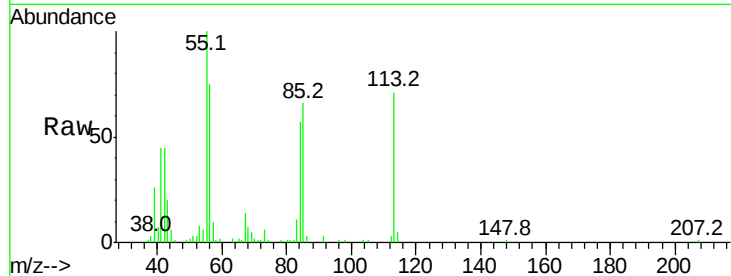
56 106.4 130.9 170.9#

Manual Integrations

APPROVED

Sohil

7/24/2018 3:05:43 PM



#36

4-Chloro-3-methylphenol

Concen: 47.325 ng/ml

RT: 12.12 min Scan# 1503

Delta R.T. 0.01 min

Lab File: BG035822.D

Acq: 23 Jul 2018 11:26

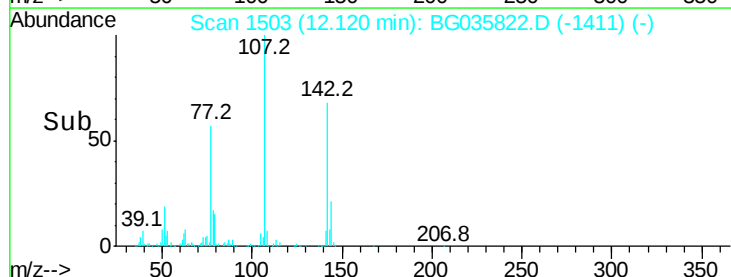
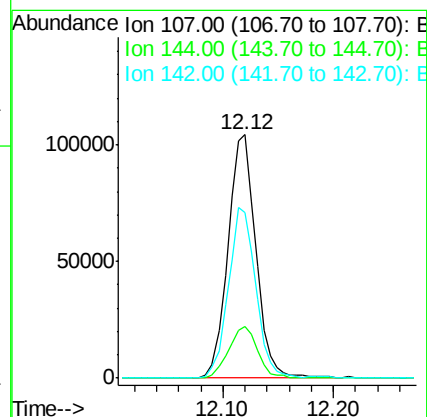
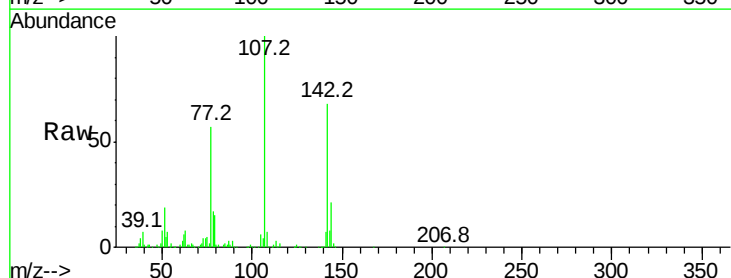
Tgt Ion:107 Resp: 184557

Ion Ratio Lower Upper

107 100

144 21.2 18.2 27.4

142 68.2 59.0 88.4





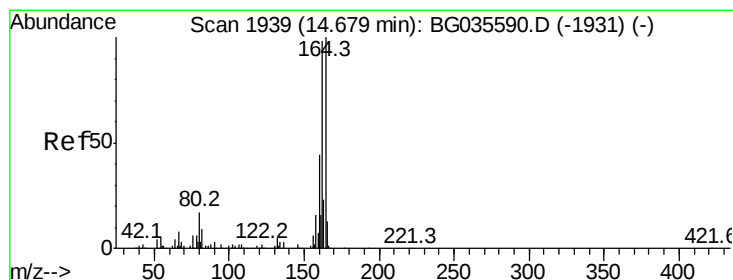
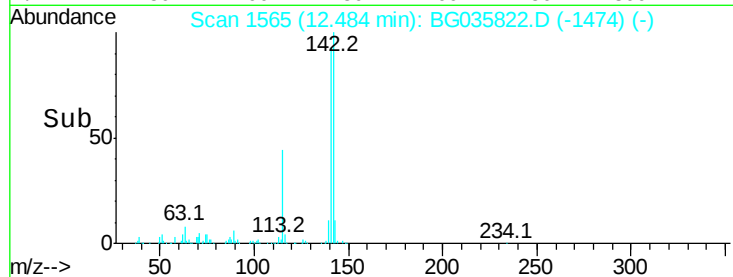
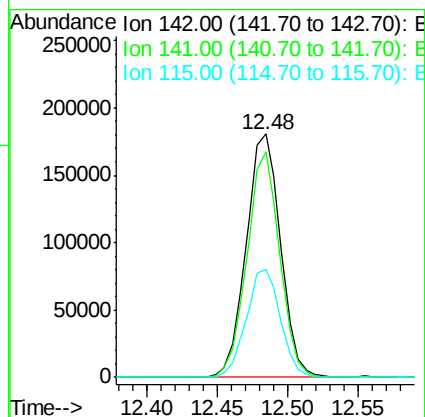
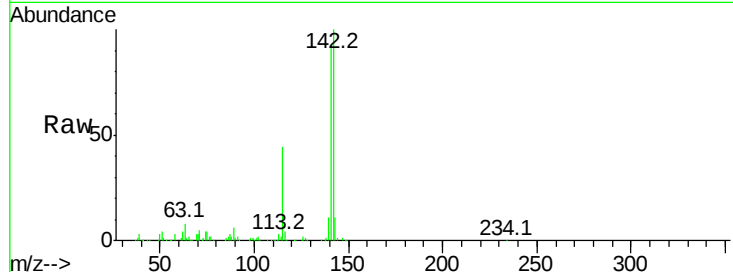
#37
2-Methylnaphthalene
Concen: 45.092 ng
RT: 12.48 min Scan# 1565
Delta R.T. 0.00 min
Lab File: BG035822.D
Acq: 23 Jul 2018 11:26

Instrument :
BNA_G
ClientSampleId :
PB111306BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.6	67.1	100.7
115	44.2	30.7	46.1

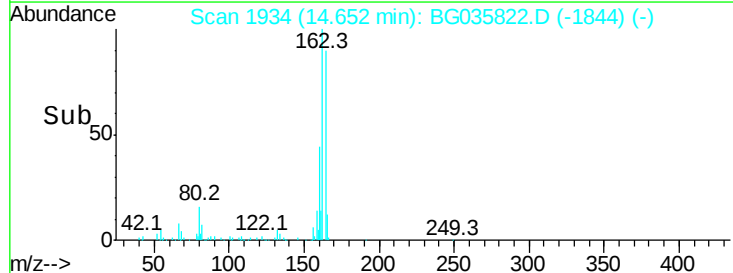
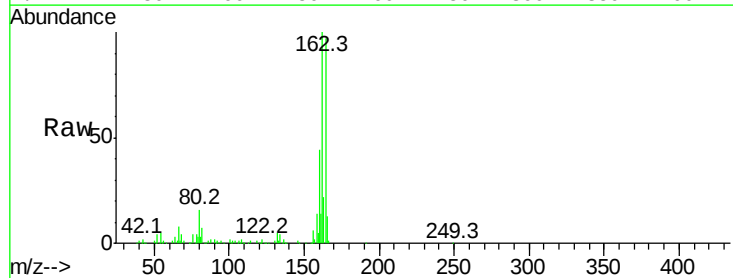
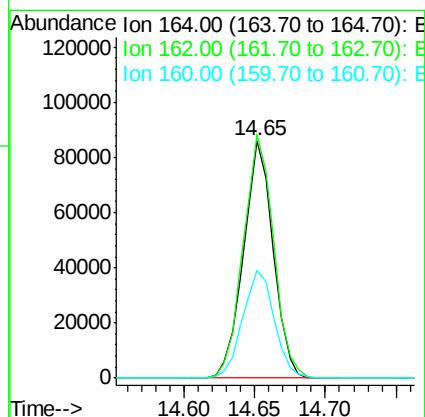
Manual Integrations
APPROVED

Sohil
7/24/2018 3:05:43 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BG035822.D
Acq: 23 Jul 2018 11:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	78.8	118.2
160	45.4	35.4	53.0





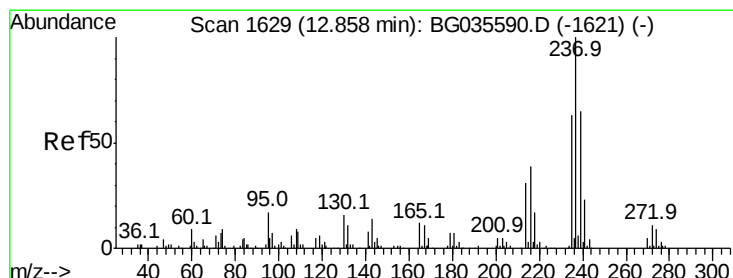
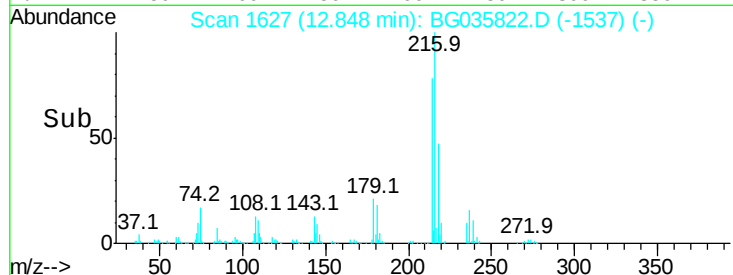
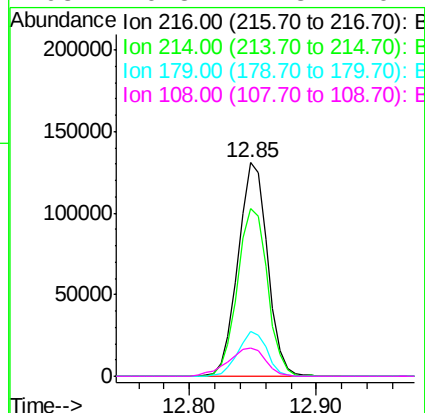
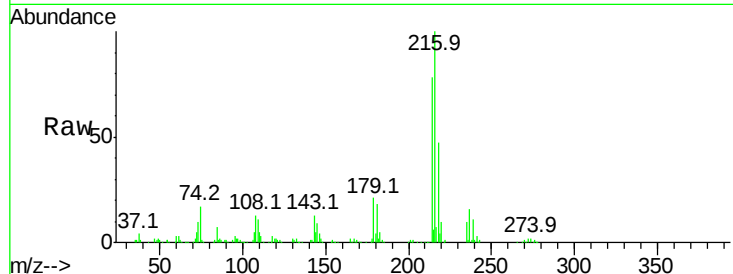
#39
1,2,4,5-Tetrachlorobenzene
Concen: 44.272 ng
RT: 12.85 min Scan# 1627
Delta R.T. -0.00 min
Lab File: BG035822.D
Acq: 23 Jul 2018 11:26

Instrument :
BNA_G
ClientSampleId :
PB111306BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	210602		
214	79.9	63.0	94.4	
179	20.6	17.0	25.6	
108	16.8	12.8	19.2	

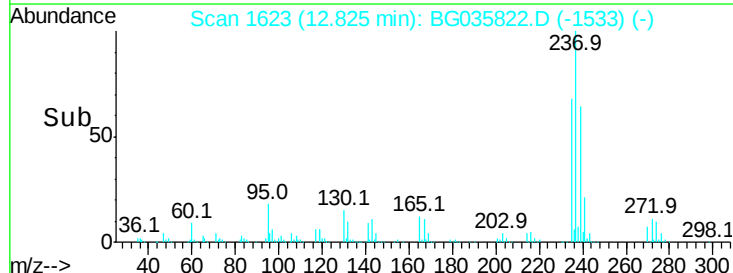
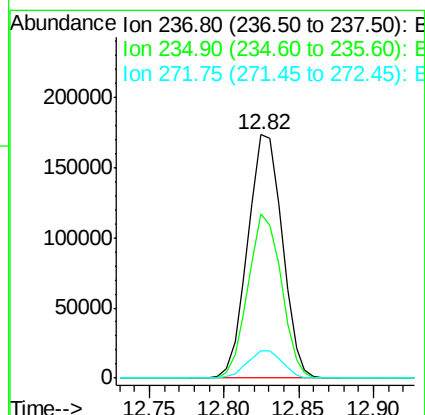
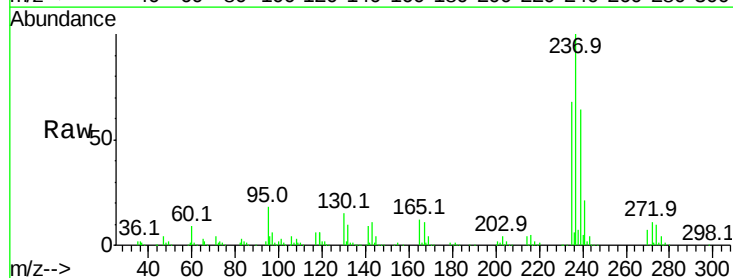
Manual Integrations
APPROVED

Sohil
7/24/2018 3:05:43 PM



#40
Hexachlorocyclopentadiene
Concen: 111.093 ng
RT: 12.82 min Scan# 1623
Delta R.T. -0.00 min
Lab File: BG035822.D
Acq: 23 Jul 2018 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	277153		
235	67.5	50.4	90.4	
272	11.5	0.0	31.8	





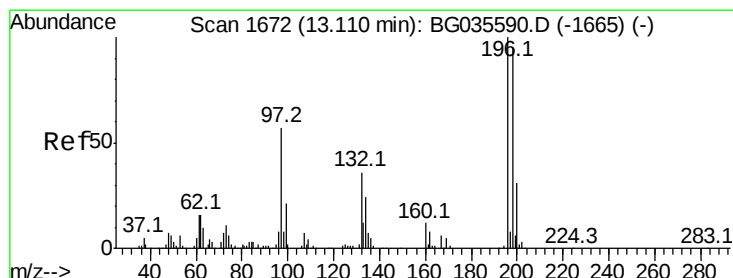
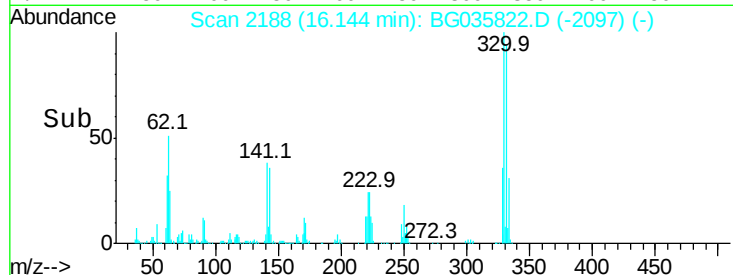
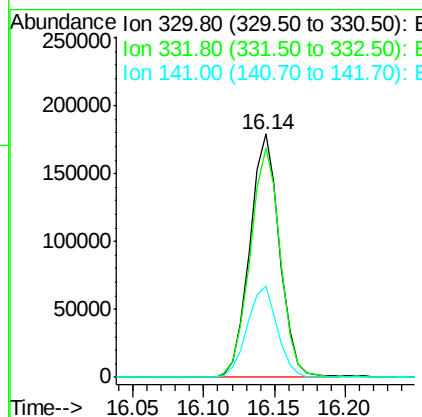
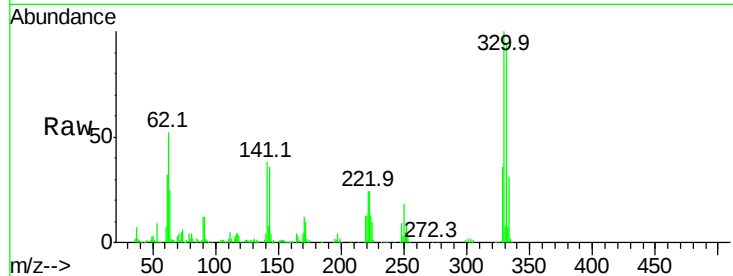
#41
 2,4,6-Tribromophenol
 Concen: 160.120 ng
 RT: 16.14 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: BG035822.D
 Acq: 23 Jul 2018 11:26

Instrument :
 BNA_G
 ClientSampleId :
 PB111306BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	265997		
332	95.0	77.0	115.6	
141	38.0	25.2	37.8	

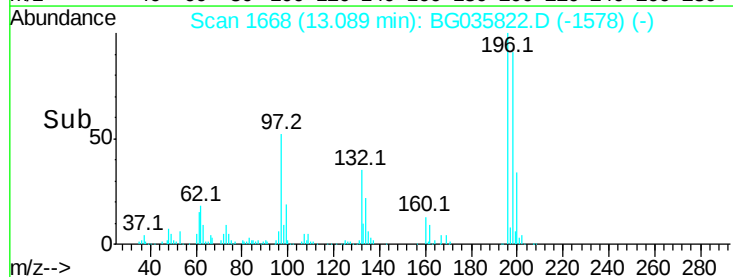
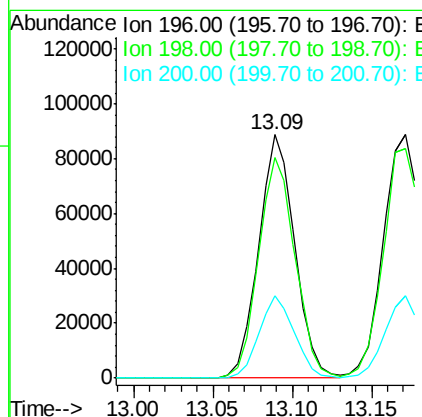
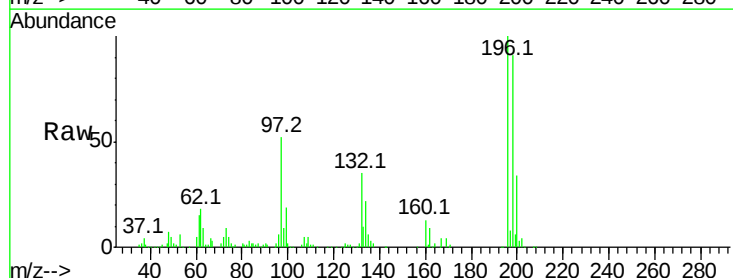
Manual Integrations
 APPROVED

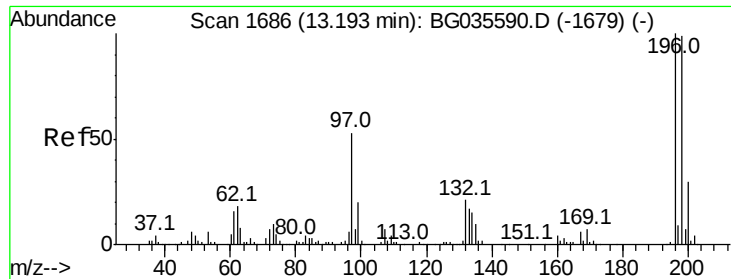
Sohil
 7/24/2018 3:05:43 PM



#42
 2,4,6-Trichlorophenol
 Concen: 50.534 ng
 RT: 13.09 min Scan# 1668
 Delta R.T. -0.00 min
 Lab File: BG035822.D
 Acq: 23 Jul 2018 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	140581		
198	90.9	78.2	117.2	
200	33.8	24.6	36.8	





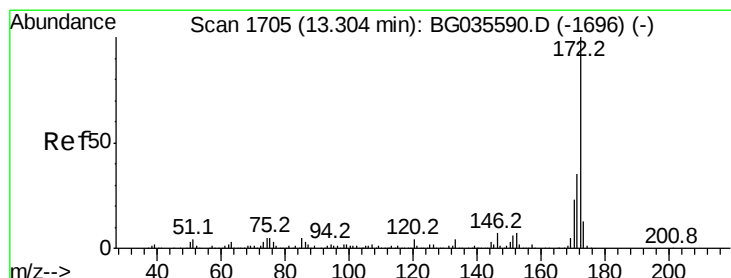
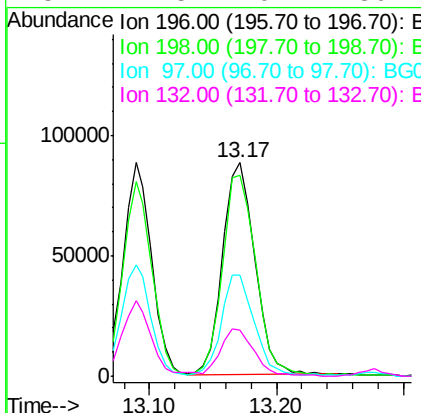
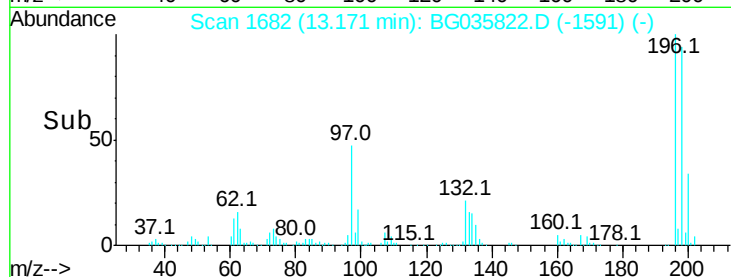
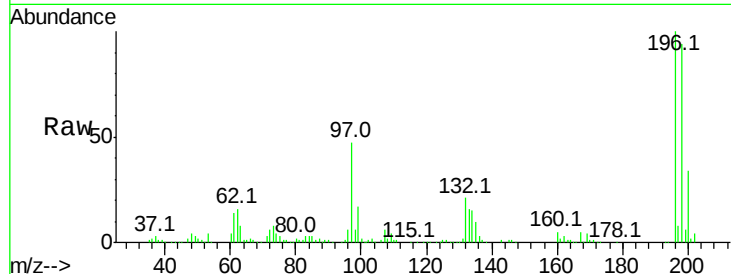
#43
 2,4,5-Trichlorophenol
 Concen: 50.125 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. 0.00 min
 Lab File: BG035822.D
 Acq: 23 Jul 2018 11:26

Instrument :
 BNA_G
 ClientSampleId :
 PB111306BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	155995		
198	94.0	76.2	114.4	
97	47.2	38.7	58.1	
132	21.5	20.2	30.2	

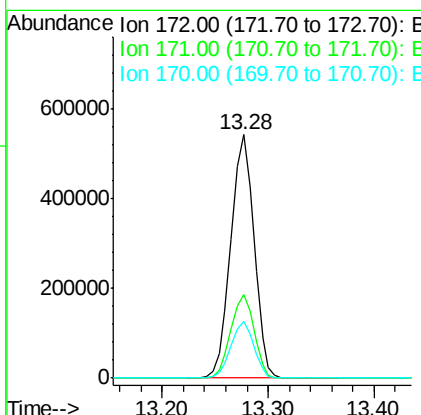
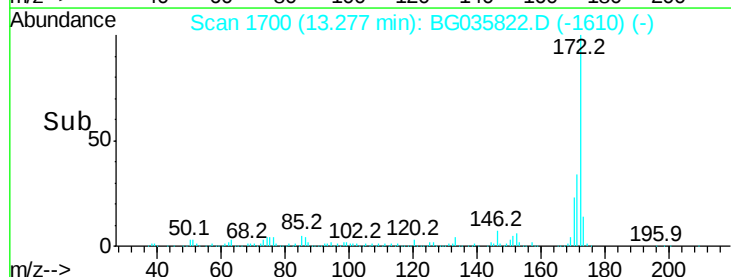
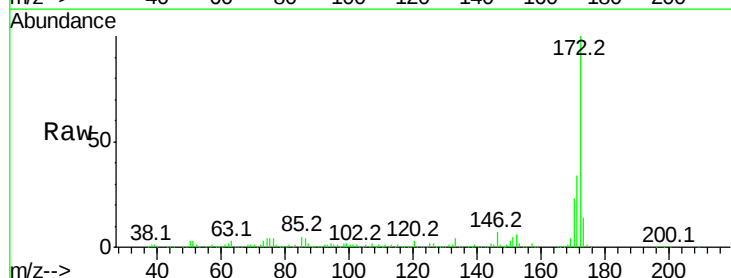
Manual Integrations
 APPROVED

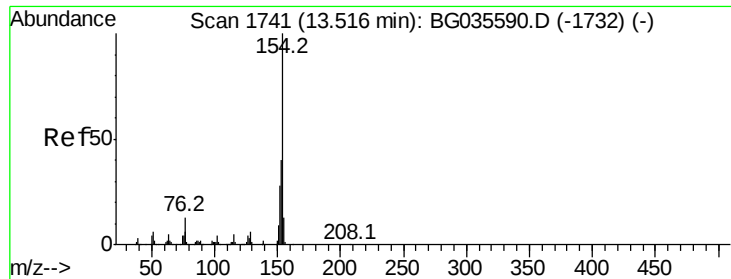
Sohil
 7/24/2018 3:05:43 PM



#44
 2-Fluorobiphenyl
 Concen: 87.617 ng
 RT: 13.28 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: BG035822.D
 Acq: 23 Jul 2018 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	824255		
171	34.4	30.0	45.0	
170	23.5	19.5	29.3	





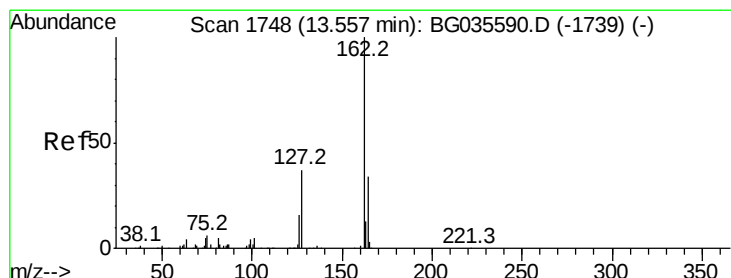
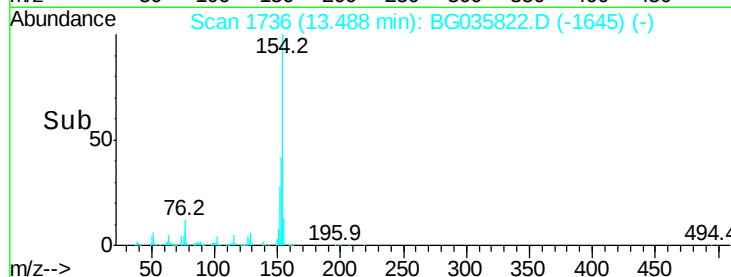
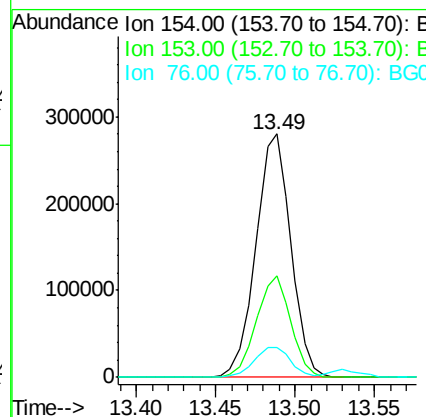
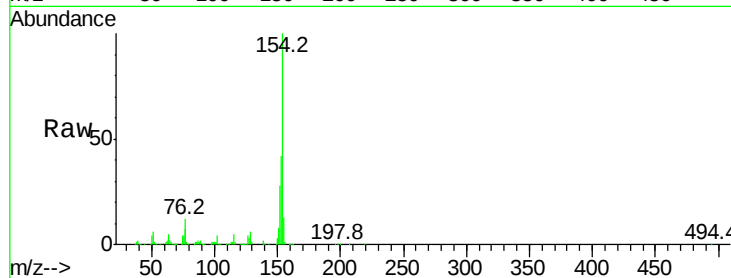
#45
 1,1'-Biphenyl
 Concen: 43.894 ng
 RT: 13.49 min Scan# 1736
 Delta R.T. 0.00 min
 Lab File: BG035822.D
 Acq: 23 Jul 2018 11:26

Instrument :
 BNA_G
 ClientSampleId :
 PB111306BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.6	19.8	59.8
76	12.5	0.0	31.9

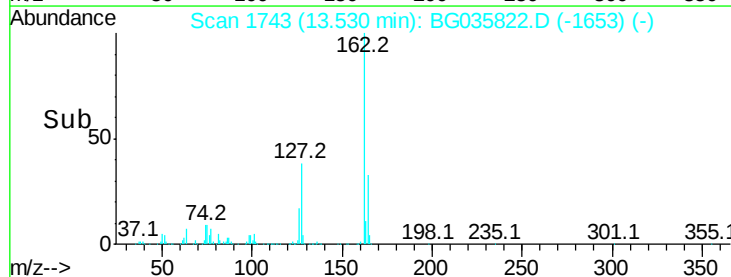
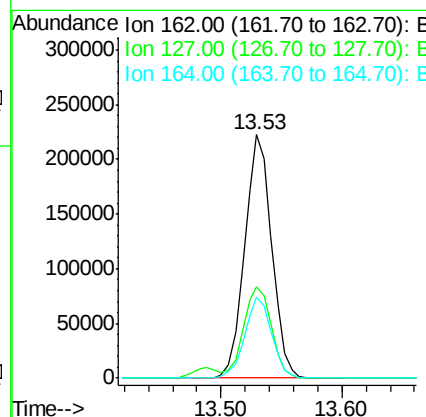
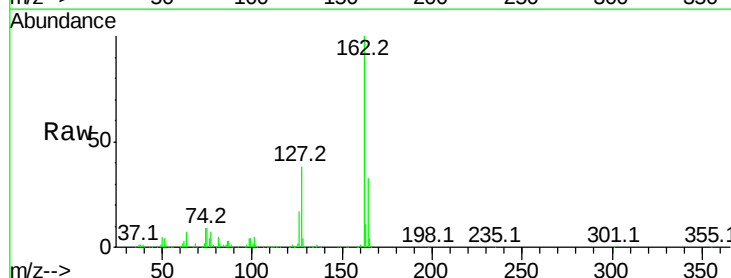
Manual Integrations
 APPROVED

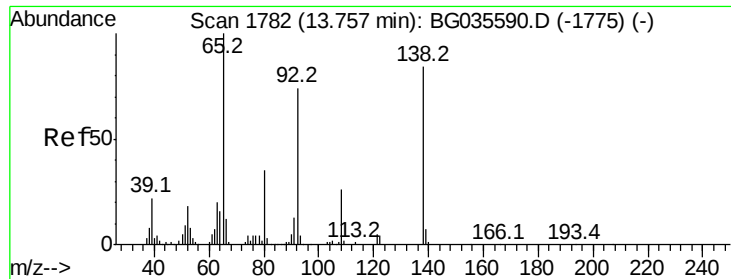
Sohil
 7/24/2018 3:05:43 PM



#46
 2-Chloronaphthalene
 Concen: 45.531 ng
 RT: 13.53 min Scan# 1743
 Delta R.T. -0.00 min
 Lab File: BG035822.D
 Acq: 23 Jul 2018 11:26

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.5	30.7	46.1
164	33.2	26.0	39.0





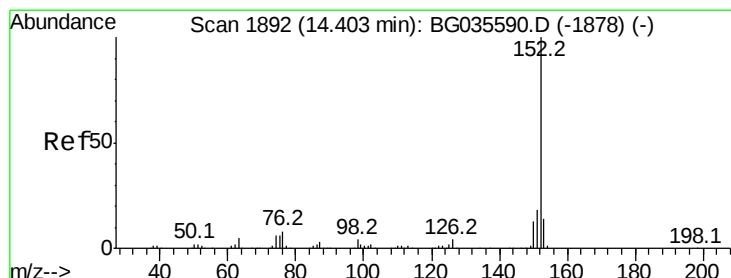
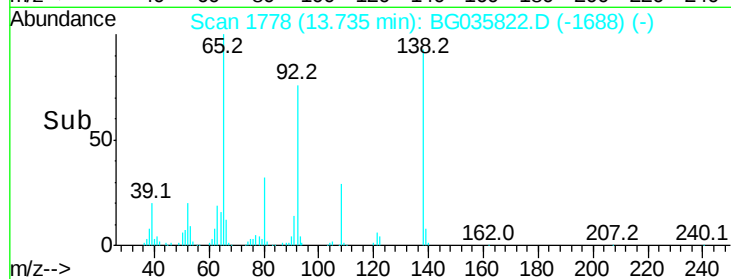
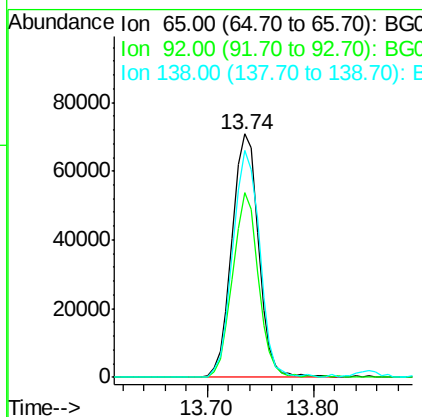
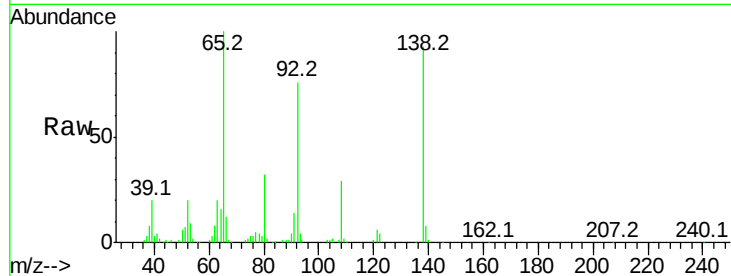
#47
2-Nitroaniline
Concen: 45.911 ng
RT: 13.74 min Scan# 1778
Delta R.T. -0.00 min
Lab File: BG035822.D
Acq: 23 Jul 2018 11:26

Instrument :
BNA_G
ClientSampleId :
PB111306BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	75.7	54.6	82.0
138	93.4	72.9	109.3

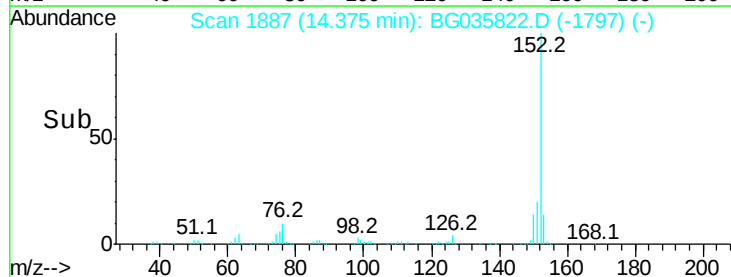
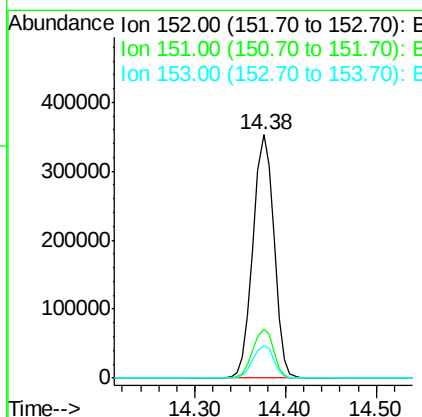
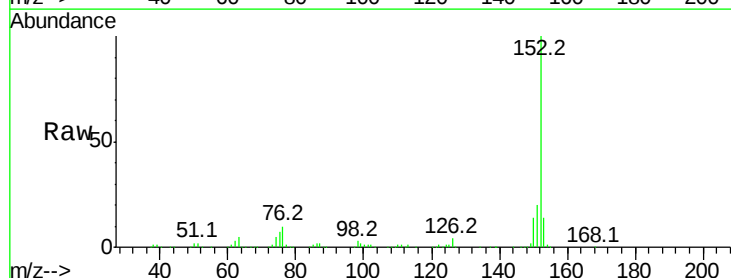
Manual Integrations
APPROVED

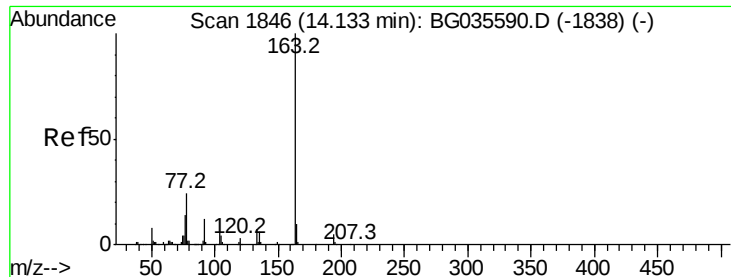
Sohil
7/24/2018 3:05:43 PM



#48
Acenaphthylene
Concen: 44.405 ng
RT: 14.38 min Scan# 1887
Delta R.T. -0.00 min
Lab File: BG035822.D
Acq: 23 Jul 2018 11:26

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	17.2	25.8
153	13.5	10.2	15.4





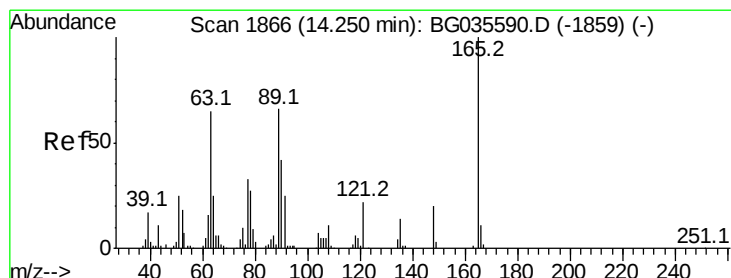
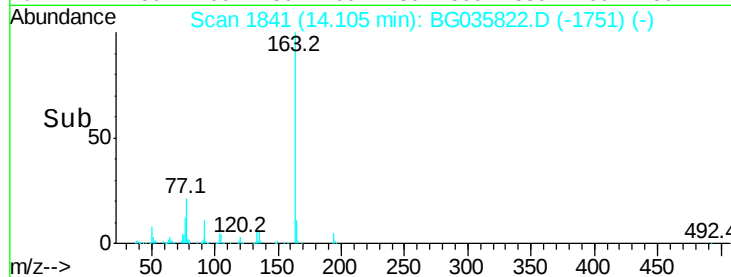
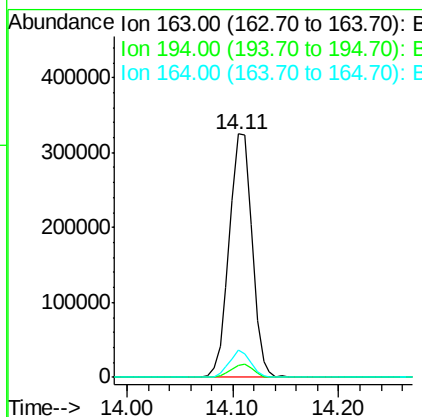
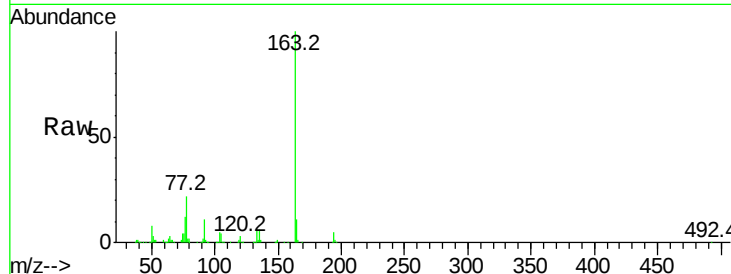
#49
Dimethylphthalate
Concen: 43.911 ng
RT: 14.11 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BG035822.D
Acq: 23 Jul 2018 11:26

Instrument :
BNA_G
ClientSampleId :
PB111306BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.9	3.4	5.2	
164	11.3	8.2	12.4	

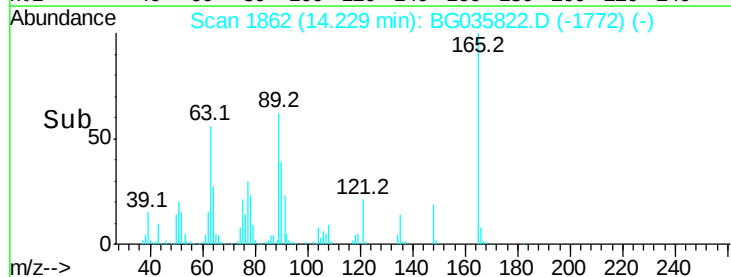
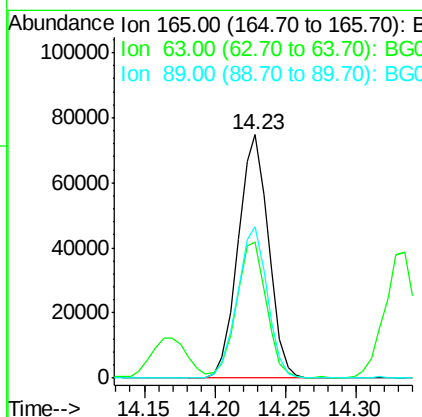
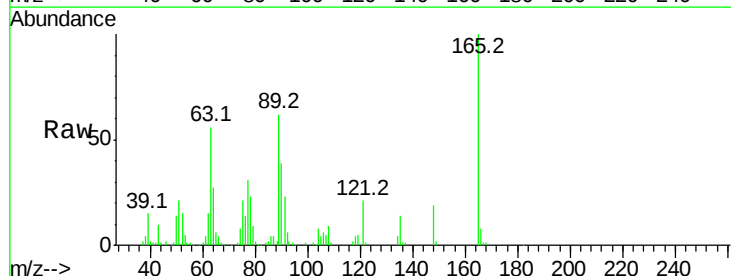
Manual Integrations
APPROVED

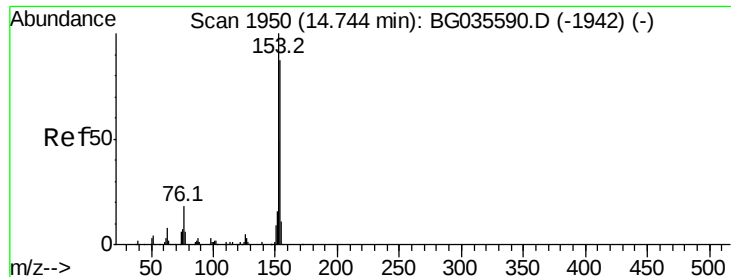
Sohil
7/24/2018 3:05:43 PM



#50
2,6-Dinitrotoluene
Concen: 49.892 ng
RT: 14.23 min Scan# 1862
Delta R.T. -0.00 min
Lab File: BG035822.D
Acq: 23 Jul 2018 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	56.1	52.7	79.1	
89	62.3	49.2	73.8	





#51

Acenaphthene

Concen: 41.485 ng

RT: 14.72 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BG035822.D

Acq: 23 Jul 2018 11:26

Instrument :

BNA_G

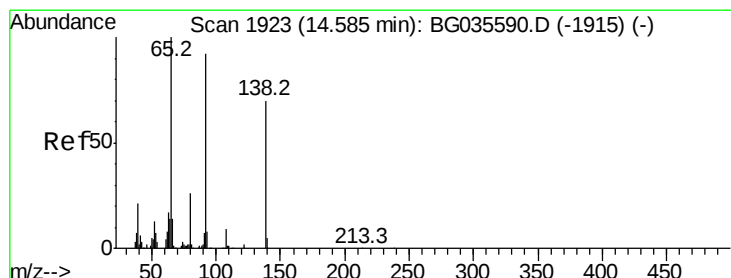
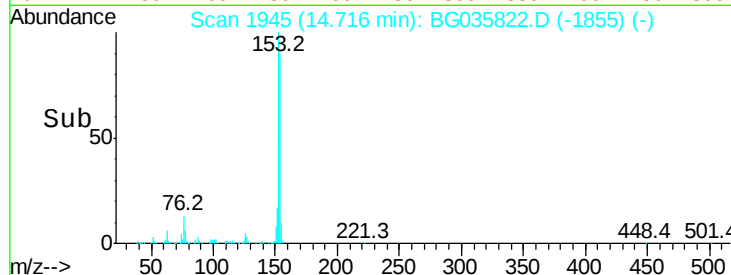
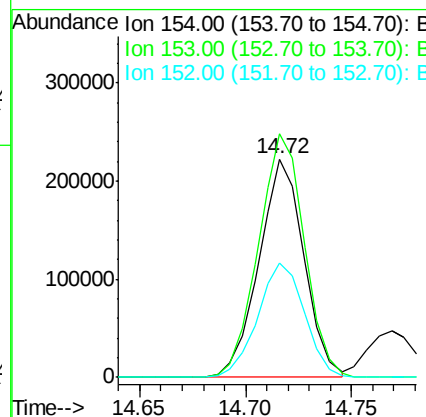
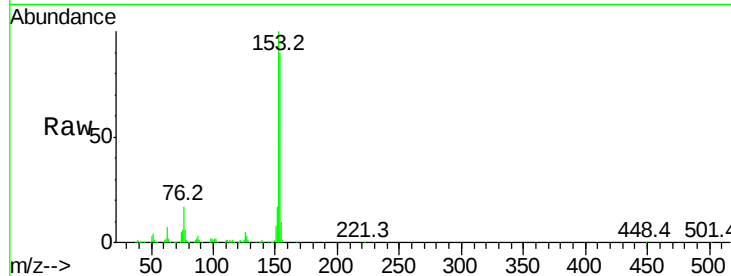
ClientSampleId :

PB111306BS

Tot Ion:	154	Resp:	329026
Ion Ratio	Lower	Upper	
154	100		
153	111.5	90.4	135.6
152	52.2	41.6	62.4

Manual Integrations
APPROVED

Sohil
7/24/2018 3:05:43 PM



#52

3-Nitroaniline

Concen: 18.249 ng

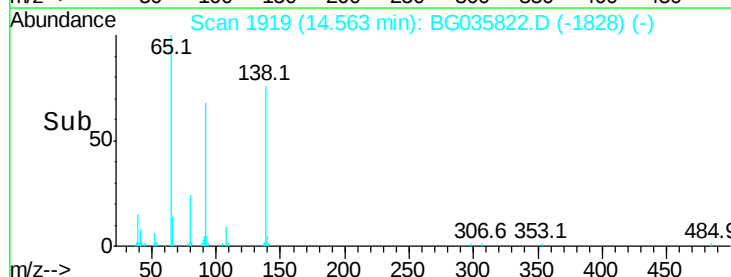
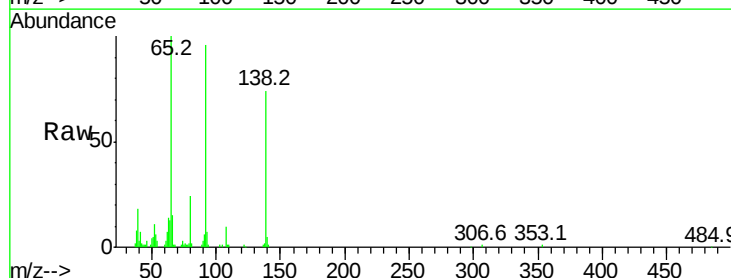
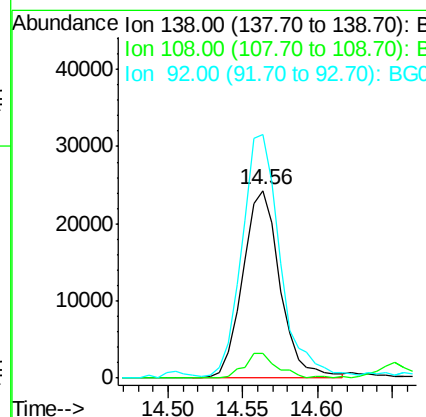
RT: 14.56 min Scan# 1919

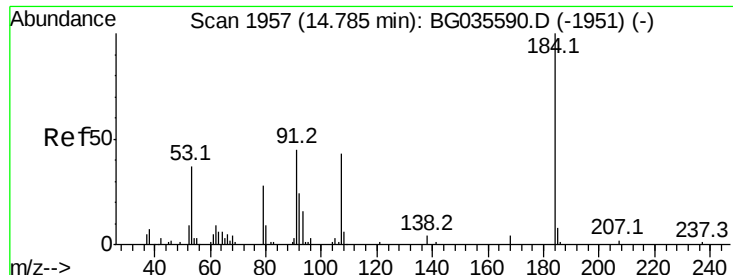
Delta R.T. 0.00 min

Lab File: BG035822.D

Acq: 23 Jul 2018 11:26

Tgt Ion:	138	Resp:	41942
Ion Ratio	Lower	Upper	
138	100		
108	13.4	17.5	26.3#
92	129.7	105.8	158.8





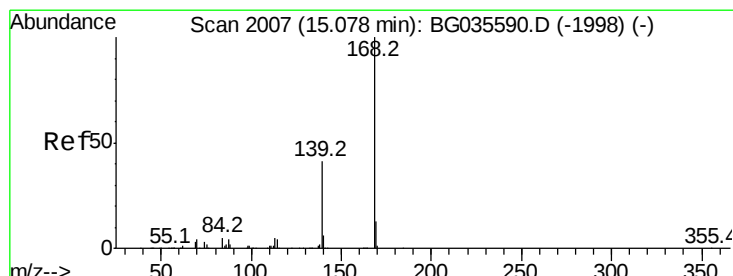
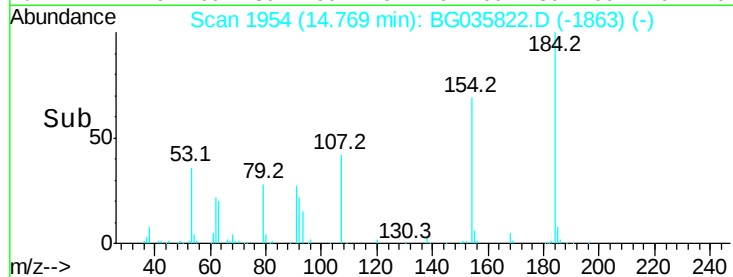
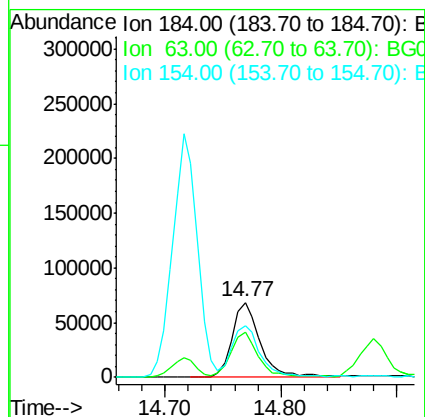
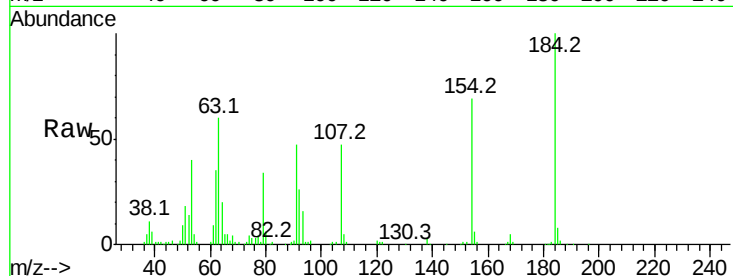
#53
 2,4-Dinitrophenol
 Concen: 97.885 ng
 RT: 14.77 min Scan# 1954
 Delta R.T. 0.00 min
 Lab File: BG035822.D
 Acq: 23 Jul 2018 11:26

Instrument :
 BNA_G
 ClientSampleId :
 PB111306BS

Tot Ion:	184	Resp:	115045
Ion Ratio	Lower	Upper	
184	100		
63	60.4	59.8	89.8
154	69.2	101.8	152.8#

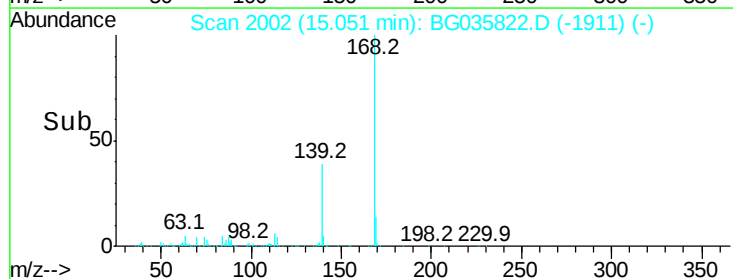
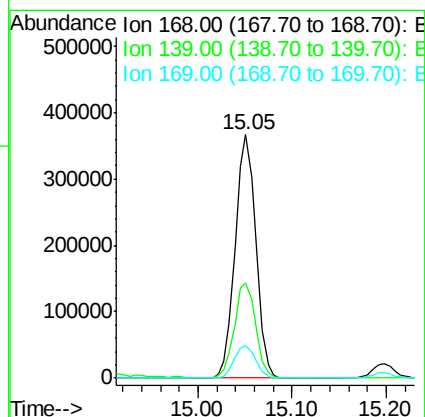
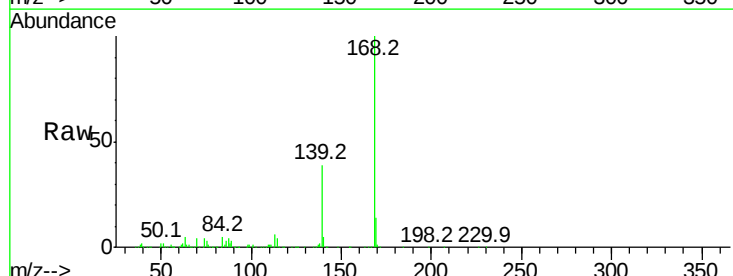
Manual Integrations
 APPROVED

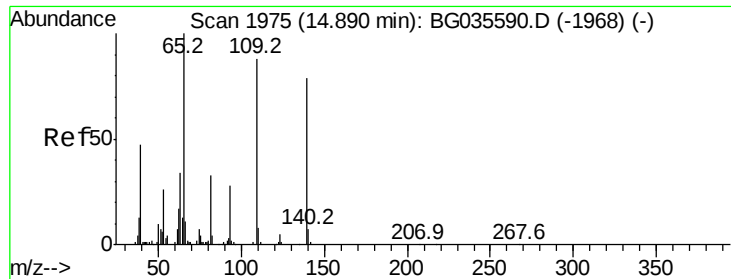
Sohil
 7/24/2018 3:05:43 PM



#54
 Dibenzofuran
 Concen: 44.355 ng
 RT: 15.05 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: BG035822.D
 Acq: 23 Jul 2018 11:26

Tgt Ion:	168	Resp:	559482
Ion Ratio	Lower	Upper	
168	100		
139	38.9	28.6	43.0
169	13.5	11.2	16.8





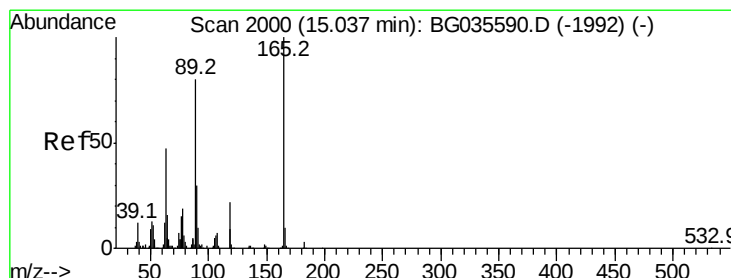
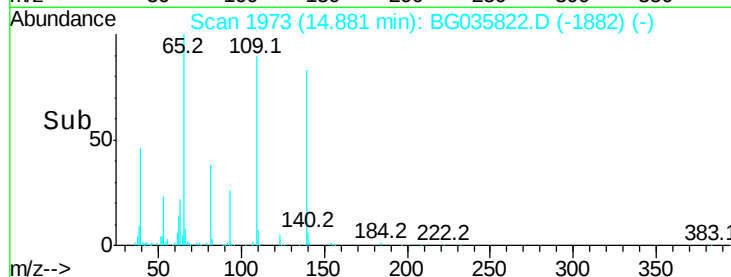
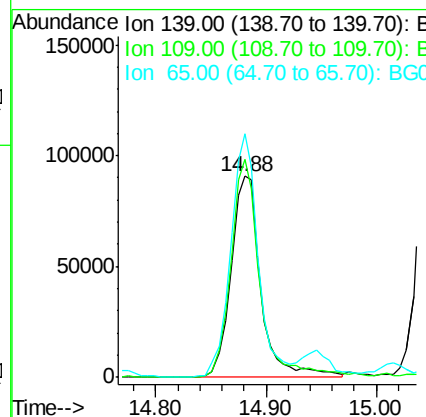
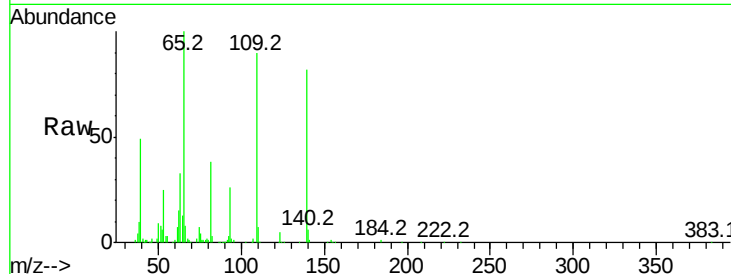
#55
4-Nitrophenol
Concen: 104.981 ng
RT: 14.88 min Scan# 1973
Delta R.T. 0.00 min
Lab File: BG035822.D
Acq: 23 Jul 2018 11:26

Instrument :
BNA_G
ClientSampleId :
PB111306BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	108.8	62.2	102.2#	
65	121.2	97.2	137.2	

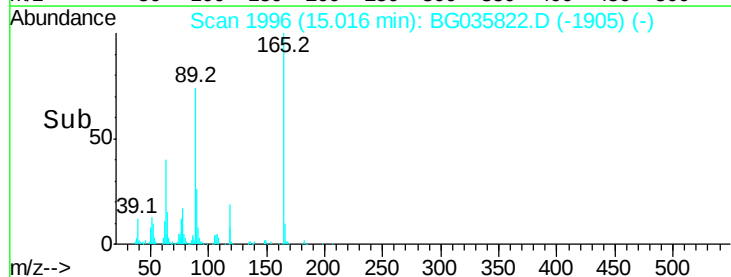
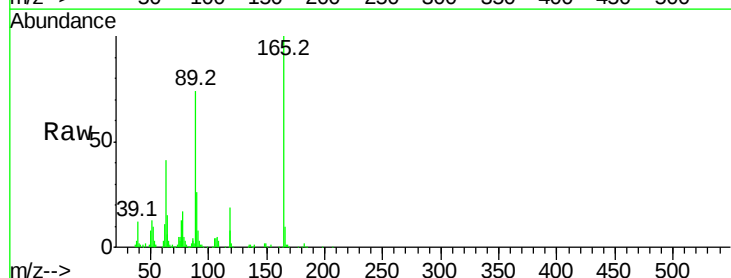
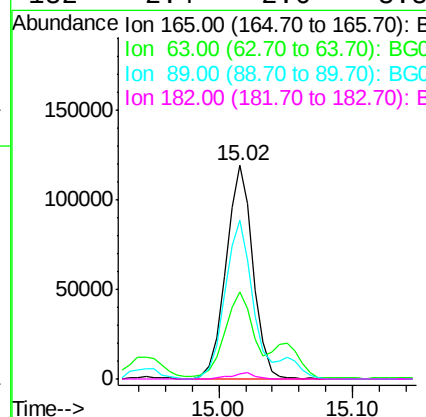
Manual Integrations
APPROVED

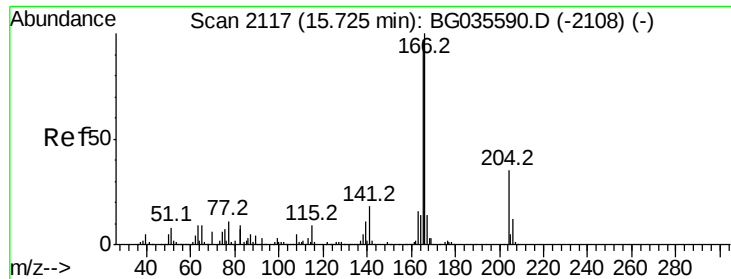
Sohil
7/24/2018 3:05:43 PM



#56
2,4-Dinitrotoluene
Concen: 52.540 ng
RT: 15.02 min Scan# 1996
Delta R.T. 0.00 min
Lab File: BG035822.D
Acq: 23 Jul 2018 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	40.7	42.0	63.0#	
89	74.1	66.9	100.3	
182	2.4	2.6	3.8#	





#57

Fluorene

Concen: 45.047 ng

RT: 15.70 min Scan# 2112

Delta R.T. -0.00 min

Lab File: BG035822.D

Acq: 23 Jul 2018 11:26

Instrument :

BNA_G

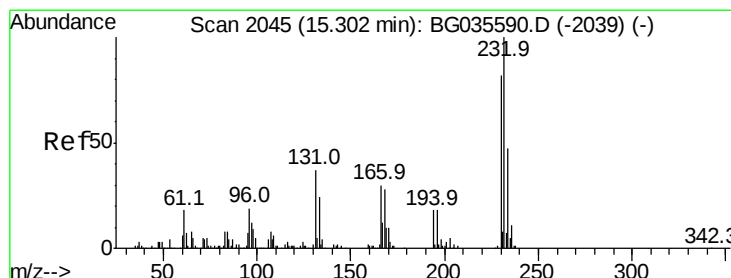
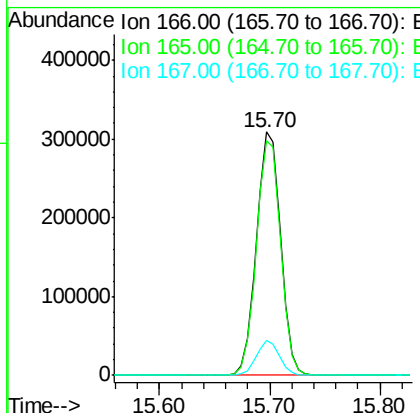
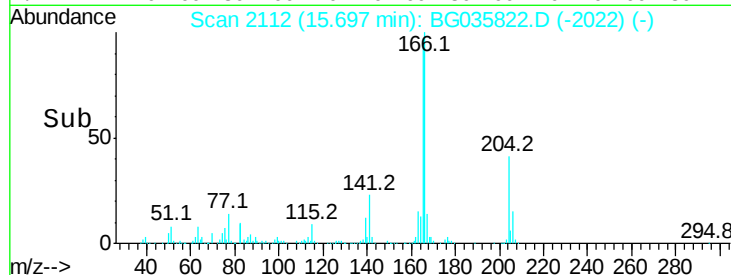
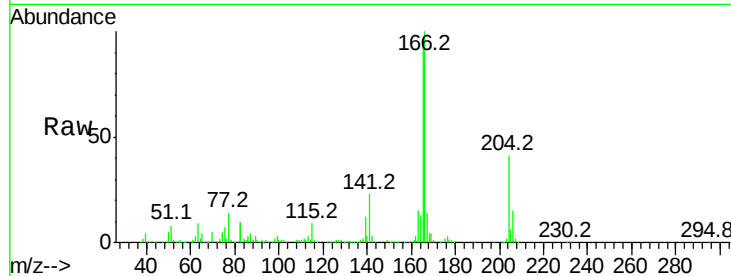
ClientSampleId :

PB111306BS

Tot Ion:	166	Resp:	476237
Ion Ratio	Lower	Upper	
166	100		
165	96.5	80.6	121.0
167	14.1	10.4	15.6

Manual Integrations
APPROVED

Sohil
7/24/2018 3:05:43 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 53.642 ng

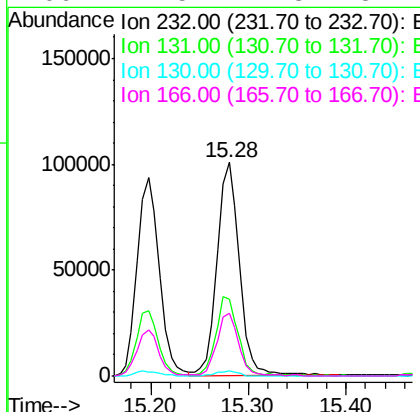
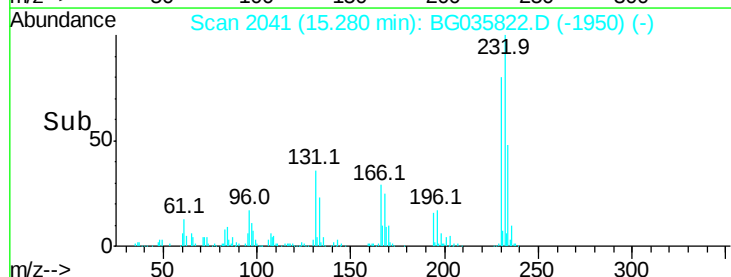
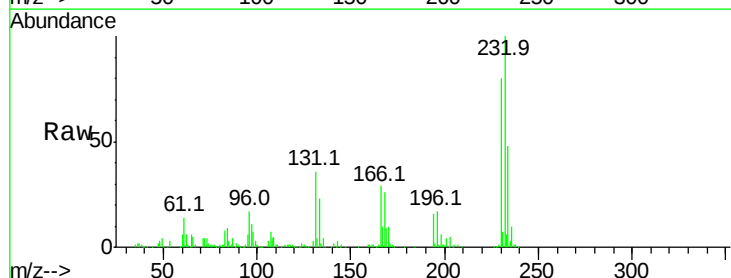
RT: 15.28 min Scan# 2041

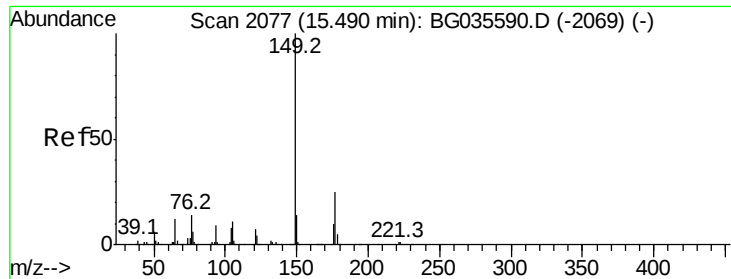
Delta R.T. 0.00 min

Lab File: BG035822.D

Acq: 23 Jul 2018 11:26

Tgt Ion:	232	Resp:	160063
Ion Ratio	Lower	Upper	
232	100		
131	36.6	33.5	50.3
130	2.5	2.2	3.2
166	27.5	24.8	37.2





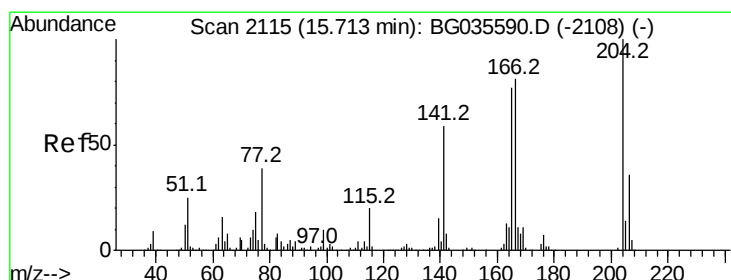
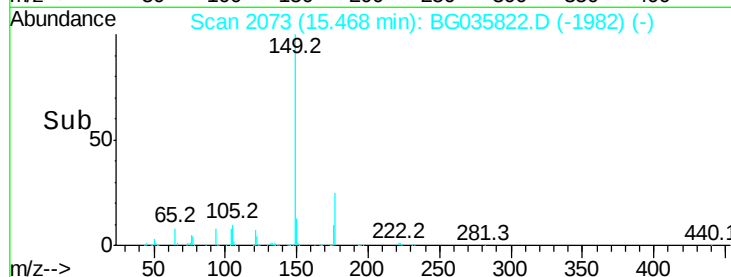
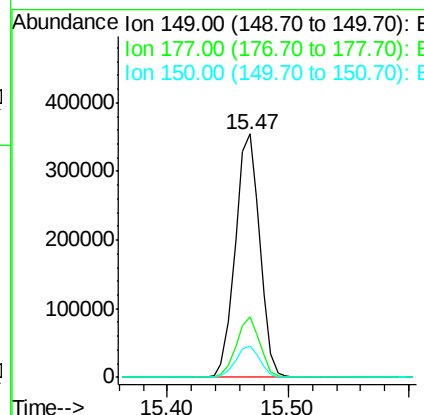
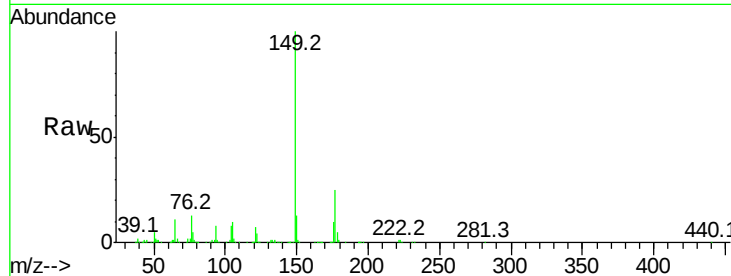
#59
Diethylphthalate
Concen: 43.975 ng
RT: 15.47 min Scan# 2073
Delta R.T. 0.00 min
Lab File: BG035822.D
Acq: 23 Jul 2018 11:26

Instrument :
BNA_G
ClientSampleId :
PB111306BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	499324		
177	24.7	18.5	27.7	
150	12.7	10.2	15.2	

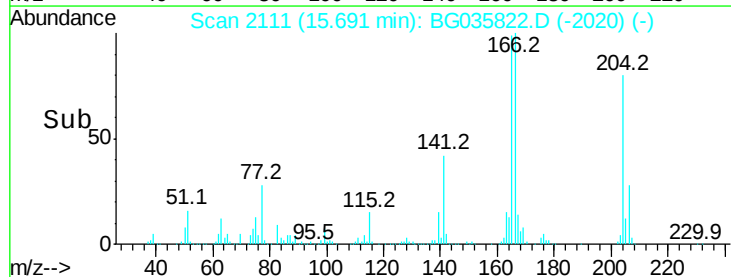
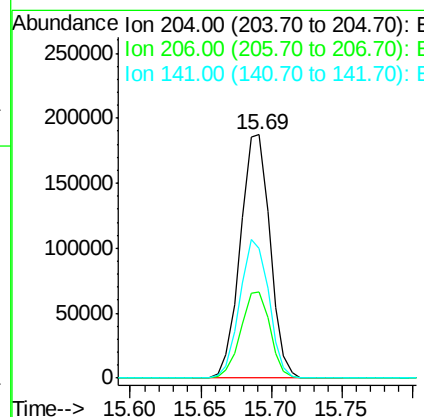
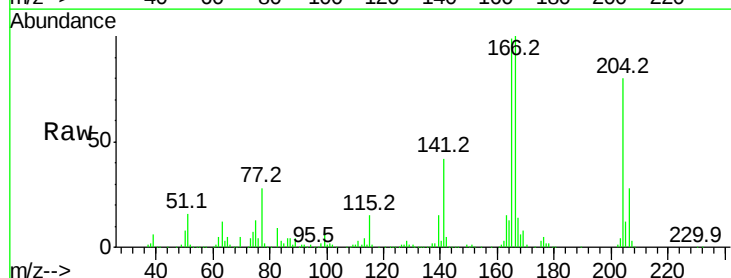
Manual Integrations
APPROVED

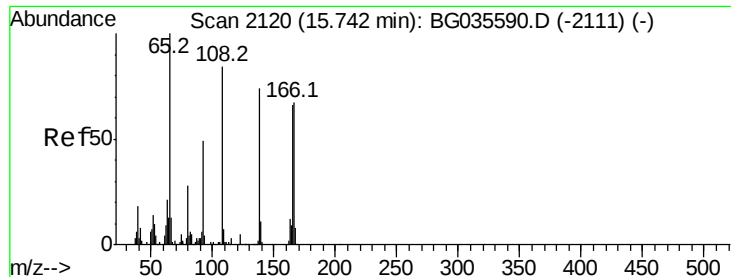
Sohil
7/24/2018 3:05:43 PM



#60
4-Chlorophenyl-phenylether
Concen: 44.201 ng
RT: 15.69 min Scan# 2111
Delta R.T. 0.00 min
Lab File: BG035822.D
Acq: 23 Jul 2018 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	274651		
206	35.3	26.2	39.2	
141	53.0	45.8	68.6	





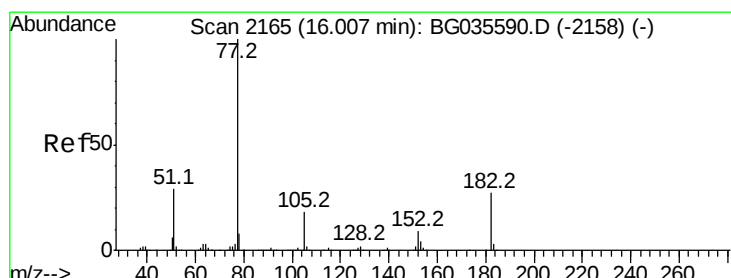
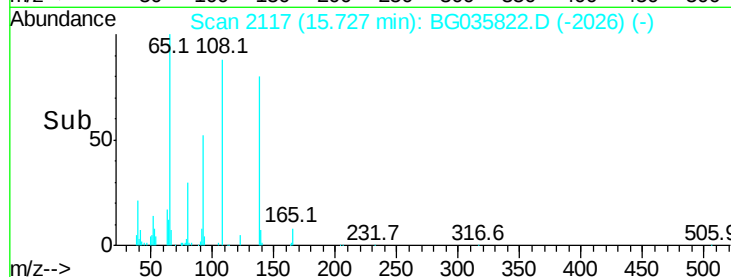
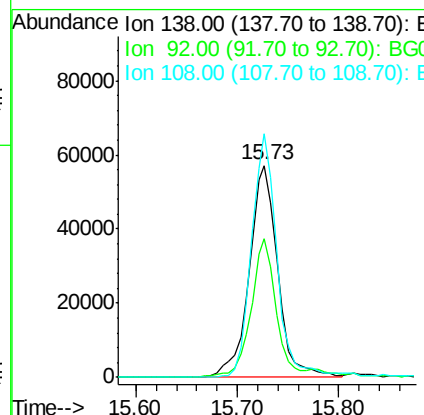
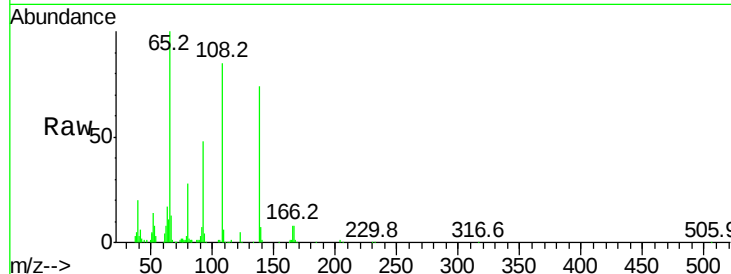
#61
4-Nitroaniline
Concen: 46.326 ng
RT: 15.73 min Scan# 2117
Delta R.T. 0.00 min
Lab File: BG035822.D
Acq: 23 Jul 2018 11:26

Instrument :
BNA_G
ClientSampleId :
PB111306BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	65.2	40.1	80.1
108	114.9	65.4	105.4

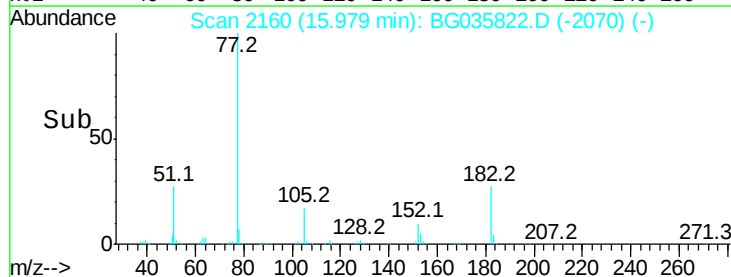
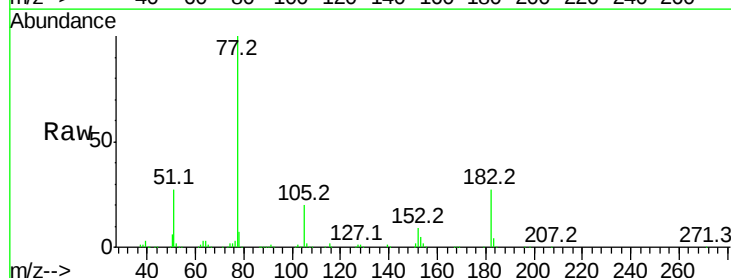
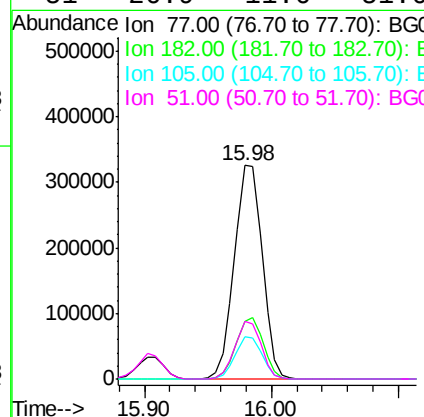
Manual Integrations
APPROVED

Sohil
7/24/2018 3:05:43 PM



#62
Azobenzene
Concen: 44.223 ng
RT: 15.98 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BG035822.D
Acq: 23 Jul 2018 11:26

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.0	7.4	47.4
105	19.6	0.3	40.3
51	26.9	11.6	51.6





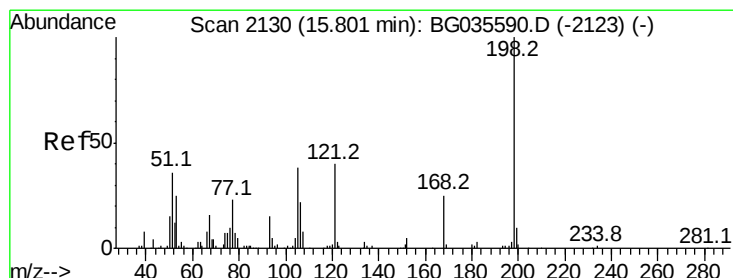
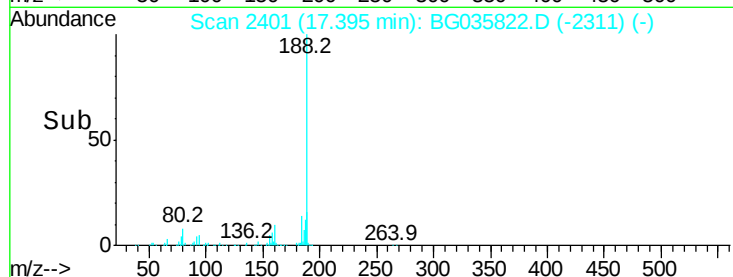
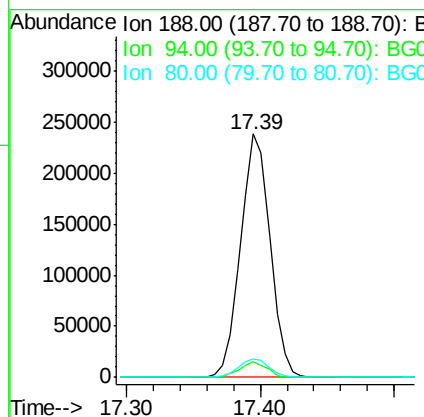
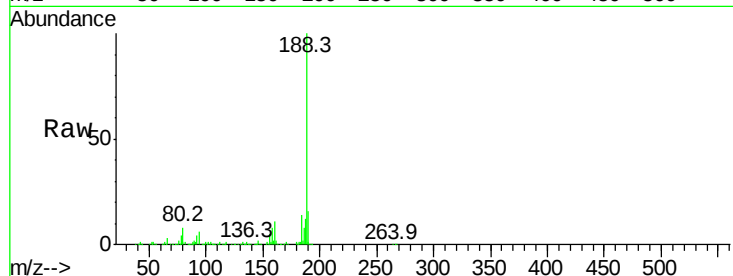
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BG035822.D
Acq: 23 Jul 2018 11:26

Instrument :
BNA_G
ClientSampleId :
PB111306BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	6.3	6.9	10.3	
80	7.8	7.7	11.5	

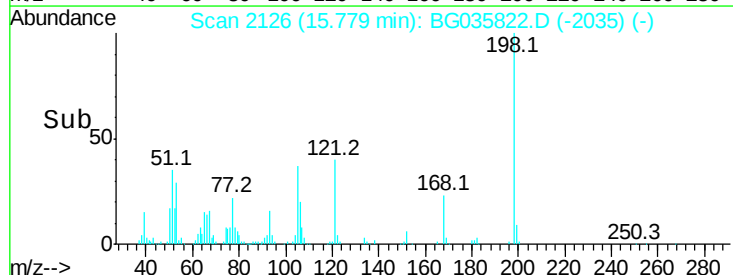
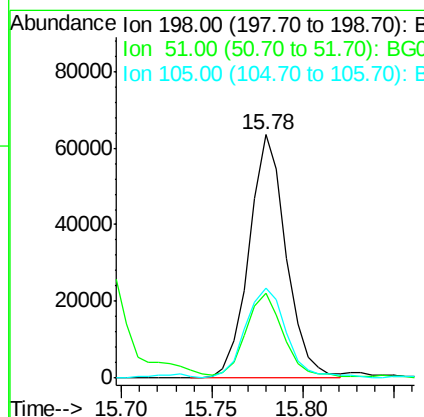
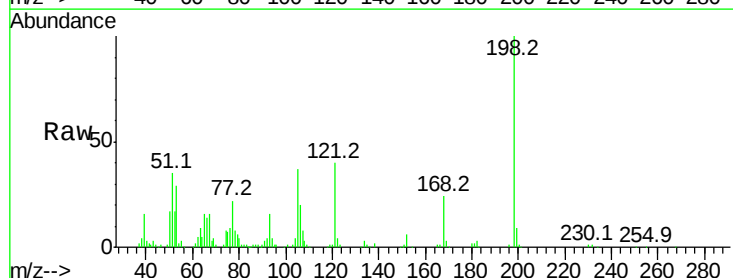
Manual Integrations
APPROVED

Sohil
7/24/2018 3:05:43 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 44.620 ng
RT: 15.78 min Scan# 2126
Delta R.T. 0.00 min
Lab File: BG035822.D
Acq: 23 Jul 2018 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	35.1	30.6	70.6	
105	37.0	23.8	63.8	





#65

n-Nitrosodiphenylamine

Concen: 42.146 ng

RT: 15.91 min Scan# 2148

Delta R.T. 0.00 min

Lab File: BG035822.D

Acq: 23 Jul 2018 11:26

Instrument :

BNA_G

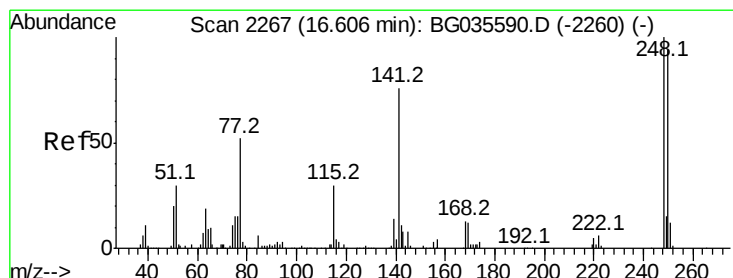
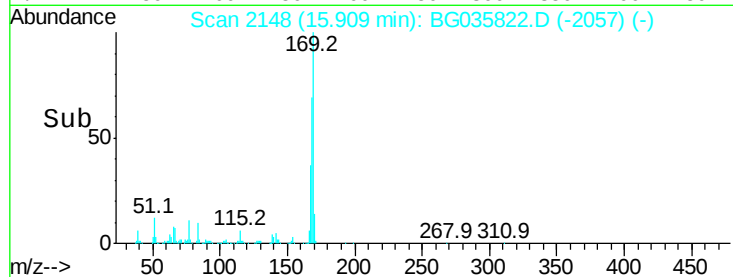
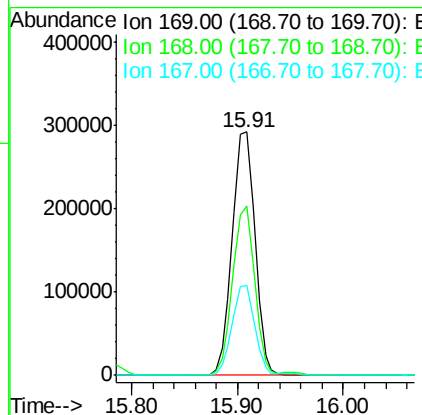
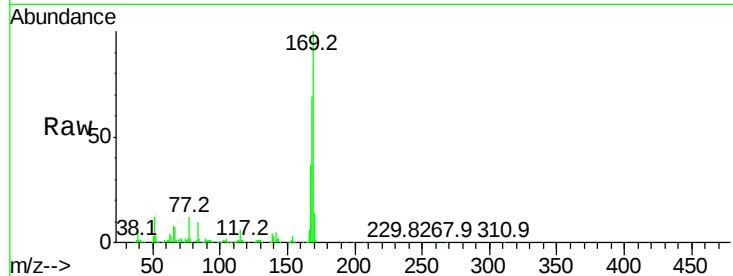
ClientSampleId :

PB111306BS

Tot Ion:	169	Resp:	436941
Ion Ratio	Lower	Upper	
169	100		
168	69.4	55.7	83.5
167	36.9	30.1	45.1

Manual Integrations
APPROVED

Sohil
7/24/2018 3:05:43 PM



#66

4-Bromophenyl-phenylether

Concen: 44.325 ng

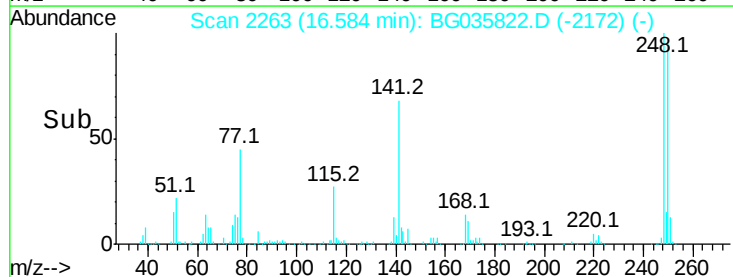
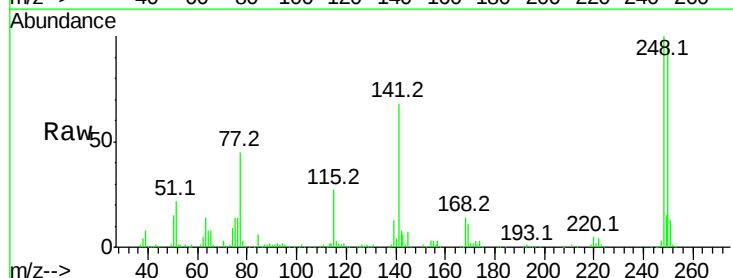
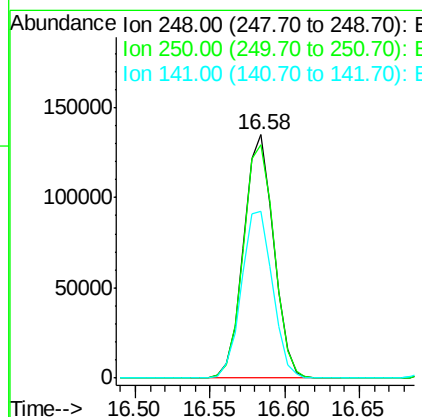
RT: 16.58 min Scan# 2263

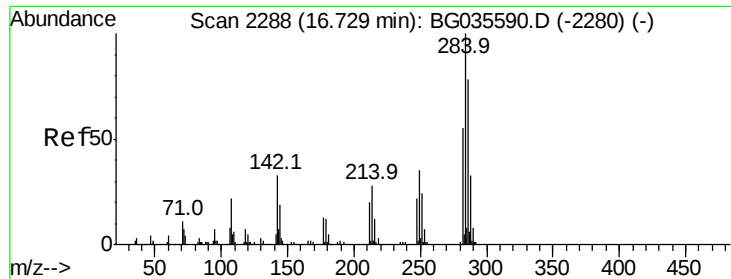
Delta R.T. 0.00 min

Lab File: BG035822.D

Acq: 23 Jul 2018 11:26

Tgt Ion:	248	Resp:	187306
Ion Ratio	Lower	Upper	
248	100		
250	95.8	77.1	115.7
141	68.4	50.8	76.2





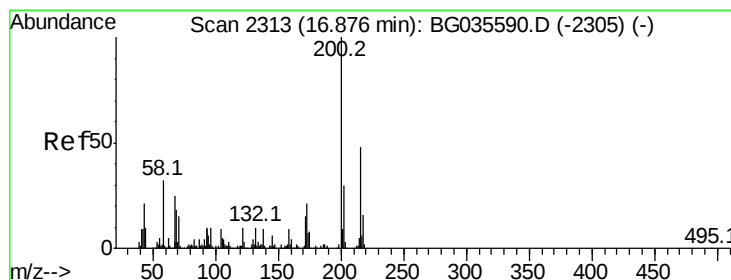
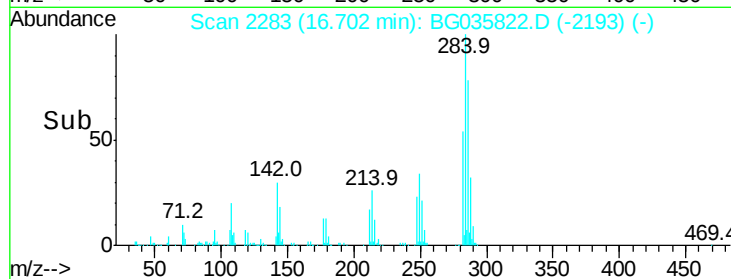
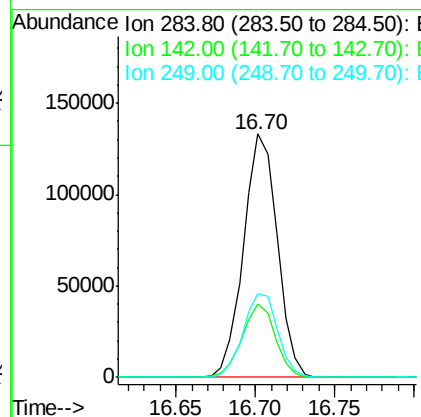
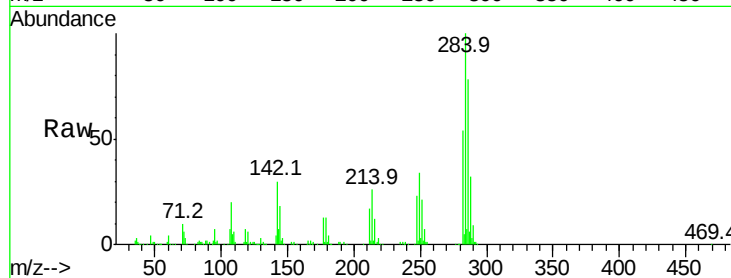
#67
Hexachlorobenzene
Concen: 45.316 ng
RT: 16.70 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BG035822.D
Acq: 23 Jul 2018 11:26

Instrument :
BNA_G
ClientSampleId :
PB111306BS

Tot Ion:	284	Resp:	197199
Ion Ratio	Lower	Upper	
284	100		
142	30.4	26.8	40.2
249	34.5	26.3	39.5

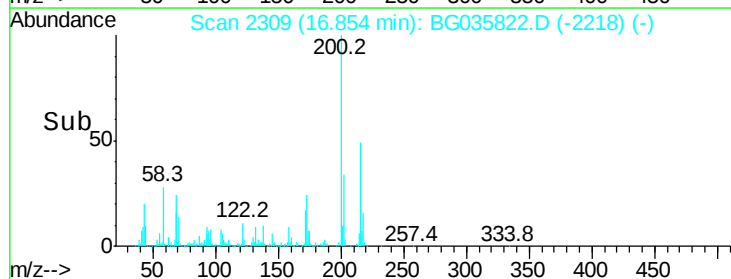
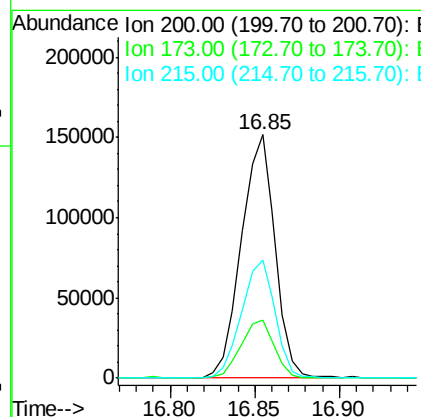
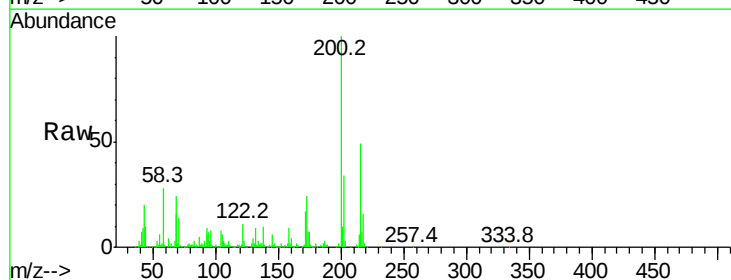
Manual Integrations
APPROVED

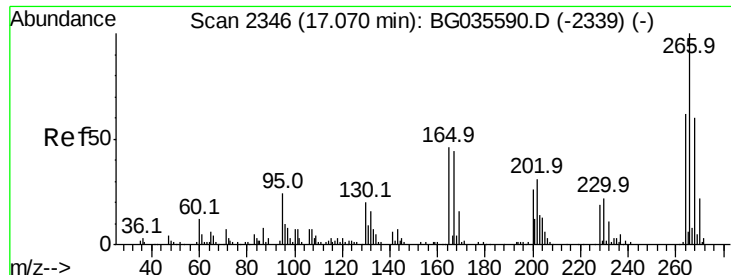
Sohil
7/24/2018 3:05:43 PM



#68
Atrazine
Concen: 49.314 ng
RT: 16.85 min Scan# 2309
Delta R.T. 0.00 min
Lab File: BG035822.D
Acq: 23 Jul 2018 11:26

Tgt Ion:	200	Resp:	210502
Ion Ratio	Lower	Upper	
200	100		
173	23.8	5.2	45.2
215	48.7	30.4	70.4





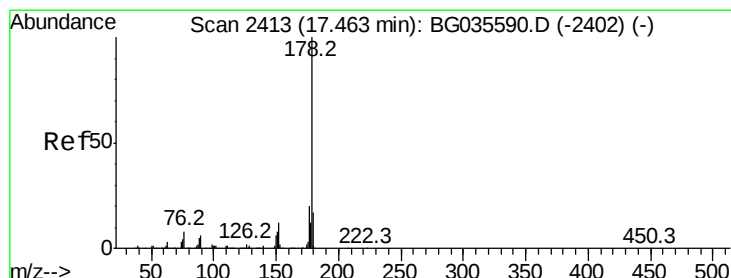
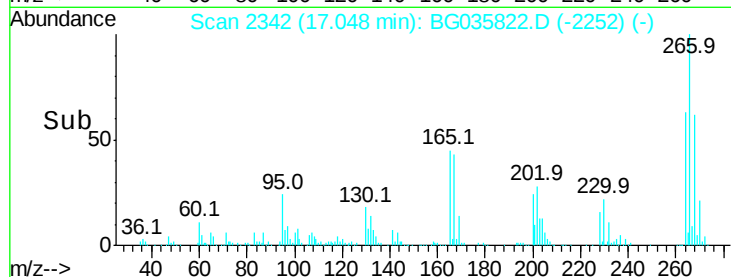
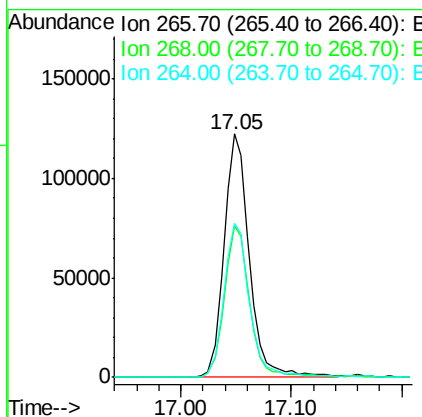
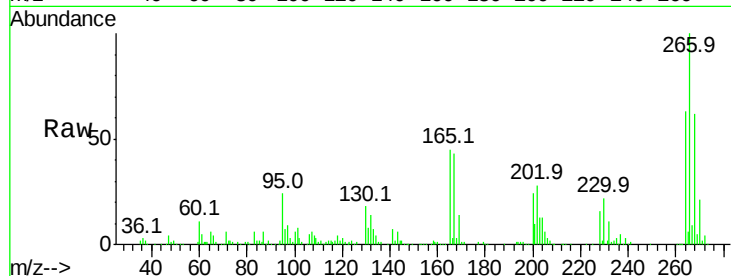
#69
 Pentachlorophenol
 Concen: 73.857 ng
 RT: 17.05 min Scan# 2342
 Delta R.T. -0.00 min
 Lab File: BG035822.D
 Acq: 23 Jul 2018 11:26

Instrument :
 BNA_G
 ClientSampleId :
 PB111306BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	195764		
268	62.2		51.1	76.7
264	63.3		49.6	74.4

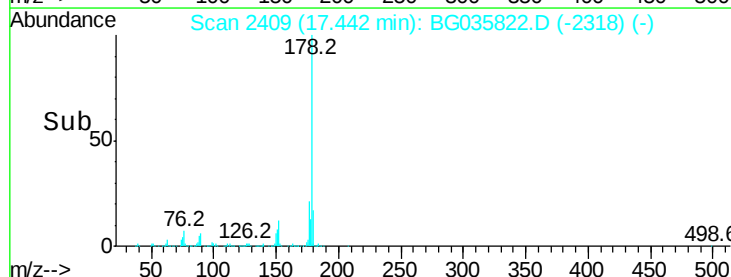
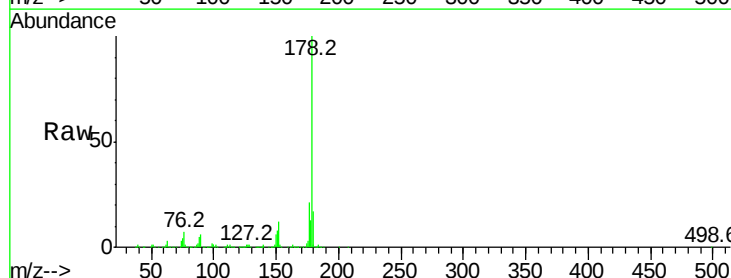
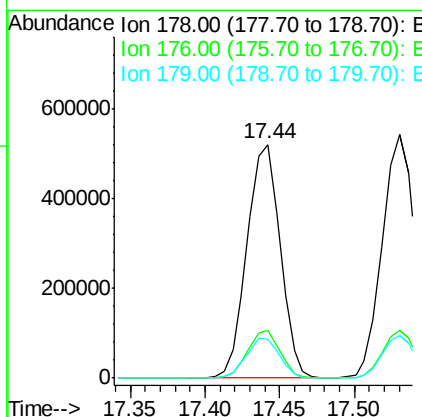
Manual Integrations
 APPROVED

Sohil
 7/24/2018 3:05:43 PM



#70
 Phenanthrene
 Concen: 44.106 ng
 RT: 17.44 min Scan# 2409
 Delta R.T. 0.00 min
 Lab File: BG035822.D
 Acq: 23 Jul 2018 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	801614		
176	20.7		15.7	23.5
179	16.9		12.5	18.7





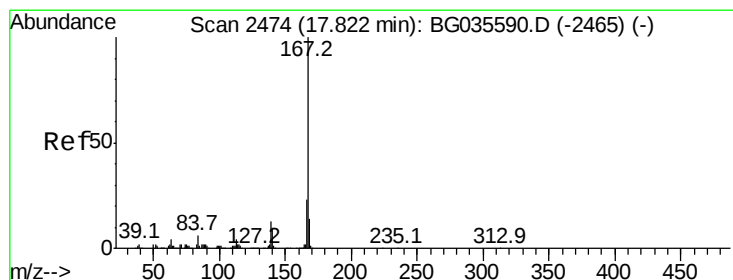
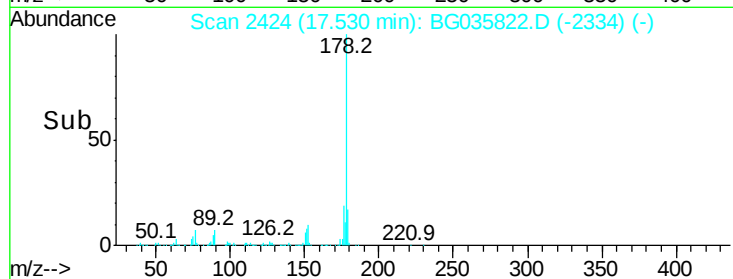
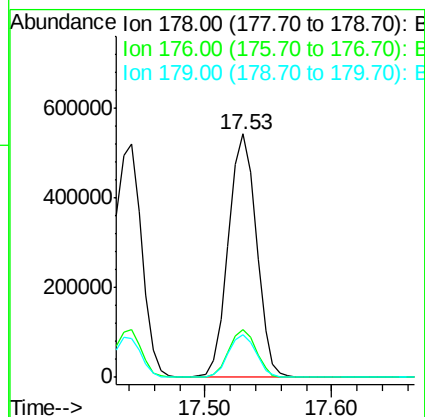
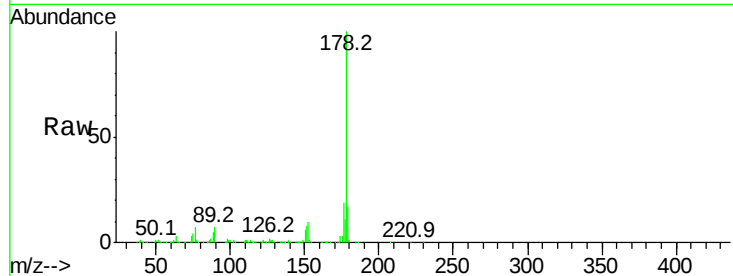
#71
 Anthracene
 Concen: 45.904 ng
 RT: 17.53 min Scan# 2424
 Delta R.T. -0.00 min
 Lab File: BG035822.D
 Acq: 23 Jul 2018 11:26

Instrument :
 BNA_G
 ClientSampleId :
 PB111306BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.0	24.0
179	17.4	12.5	18.7

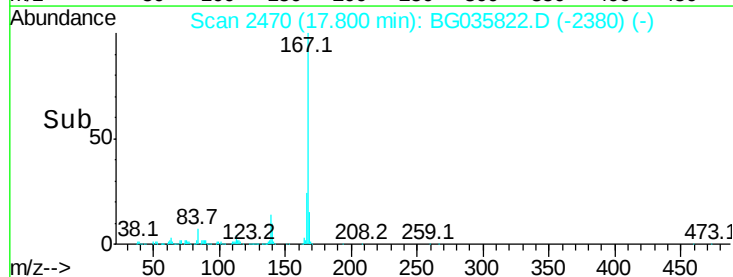
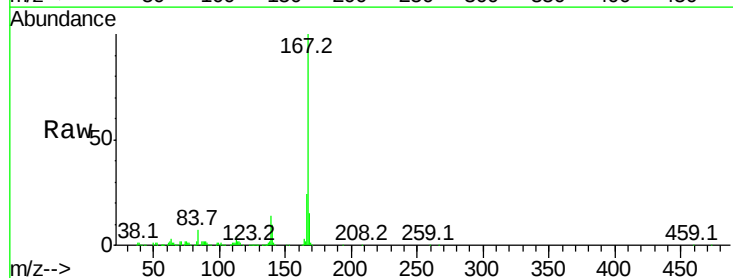
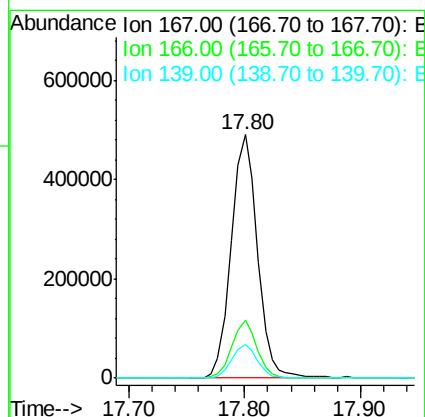
Manual Integrations
 APPROVED

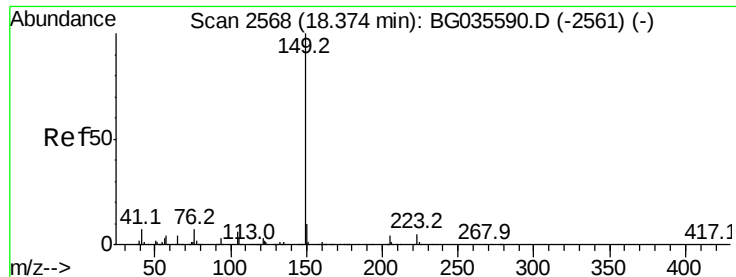
Sohil
 7/24/2018 3:05:43 PM



#72
 Carbazole
 Concen: 45.091 ng
 RT: 17.80 min Scan# 2470
 Delta R.T. -0.00 min
 Lab File: BG035822.D
 Acq: 23 Jul 2018 11:26

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.6	18.2	27.4
139	13.7	9.4	14.2





#73

Di-n-butylphthalate

Concen: 43.859 ng

RT: 18.35 min Scan# 2564

Delta R.T. 0.00 min

Lab File: BG035822.D

Acq: 23 Jul 2018 11:26

Instrument :

BNA_G

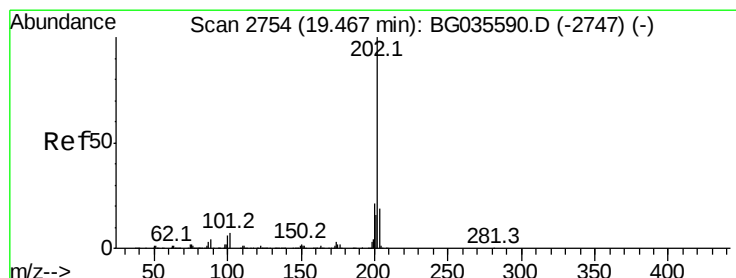
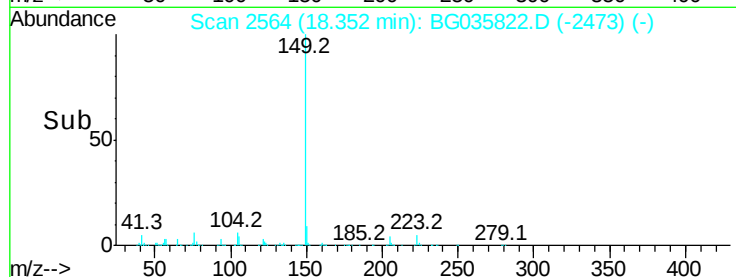
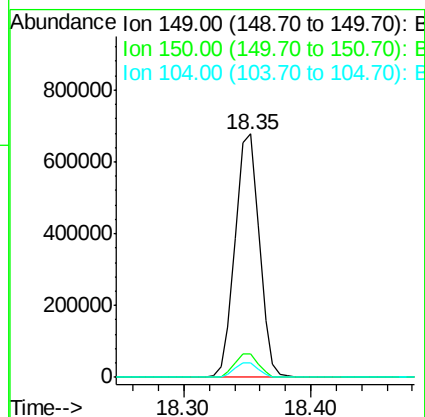
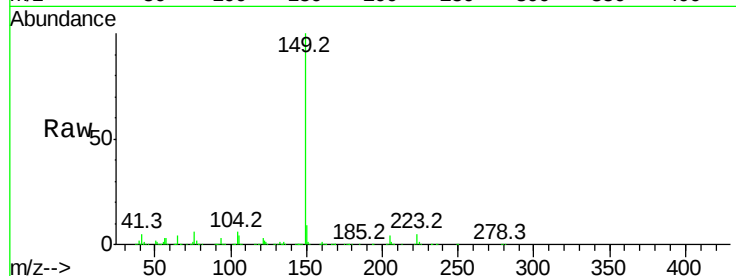
ClientSampleId :

PB111306BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.8	11.6
104	5.9	3.9	5.9

Manual Integrations
APPROVED

Sohil
7/24/2018 3:05:43 PM



#74

Fluoranthene

Concen: 45.281 ng

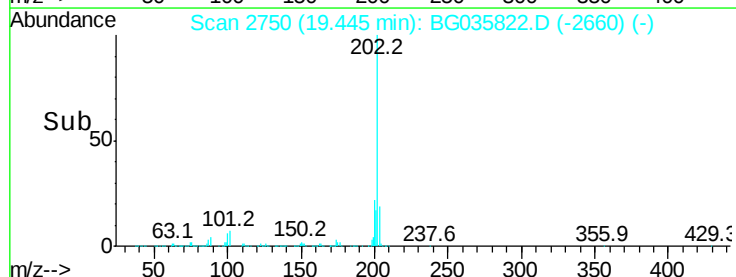
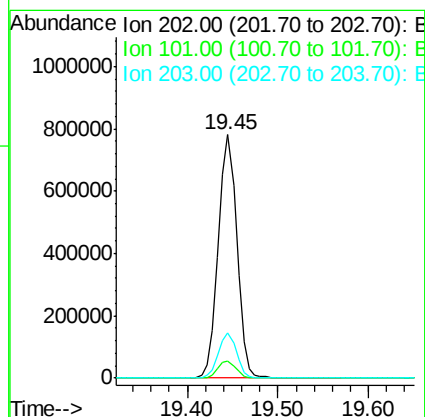
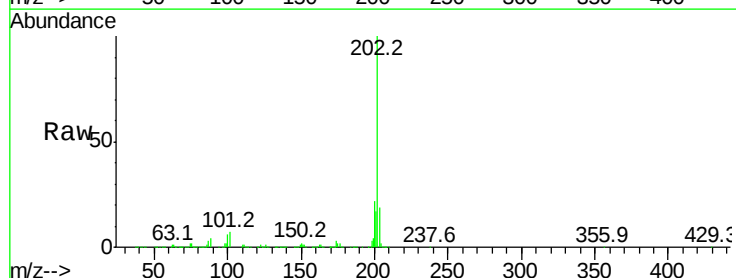
RT: 19.45 min Scan# 2750

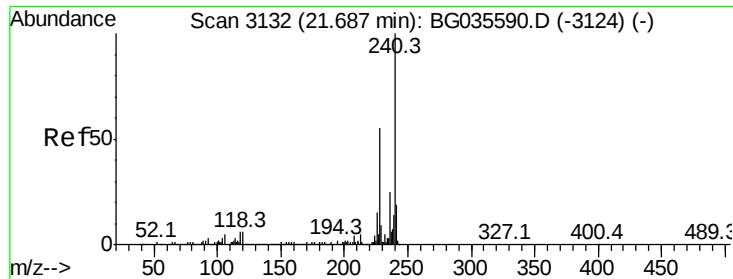
Delta R.T. -0.00 min

Lab File: BG035822.D

Acq: 23 Jul 2018 11:26

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.8	0.0	28.9
203	18.5	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3127

Delta R.T. -0.00 min

Lab File: BG035822.D

Acq: 23 Jul 2018 11:26

Instrument :

BNA_G

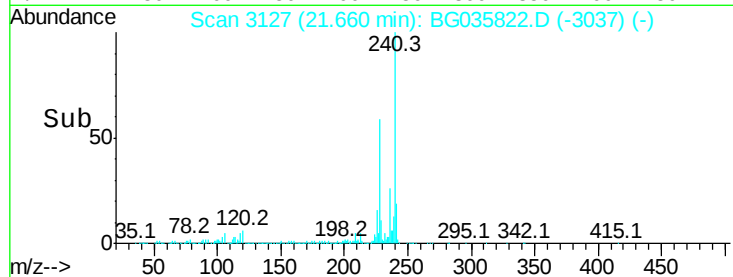
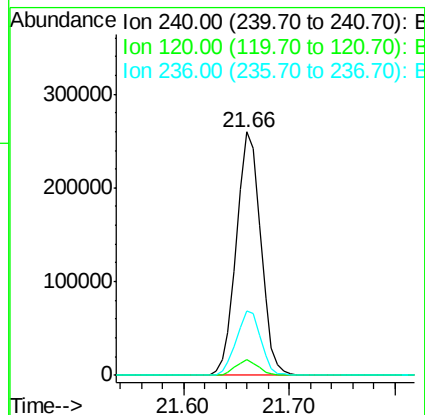
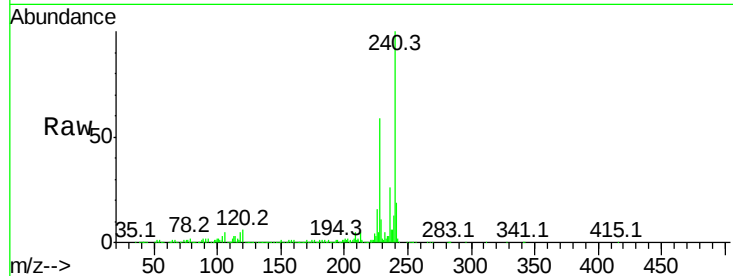
ClientSampleId :

PB111306BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	6.3	6.8	10.2#
236	26.3	20.9	31.3

Manual Integrations
APPROVED

Sohil
7/24/2018 3:05:43 PM



#76

Benzidine

Concen: 30.791 ng

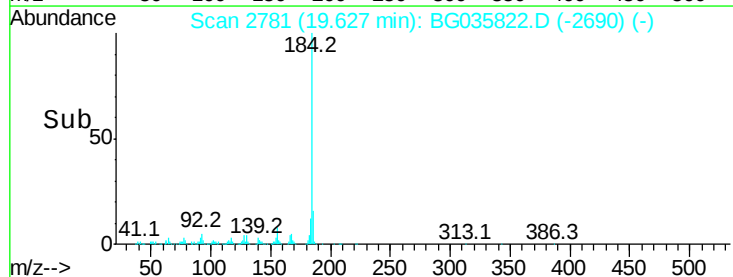
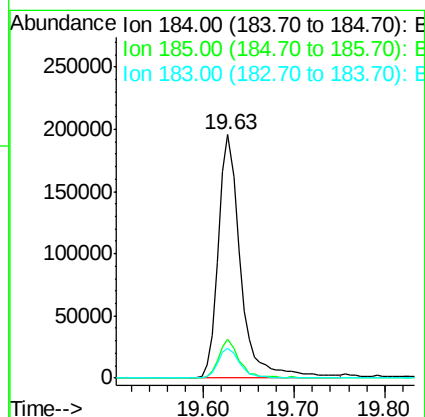
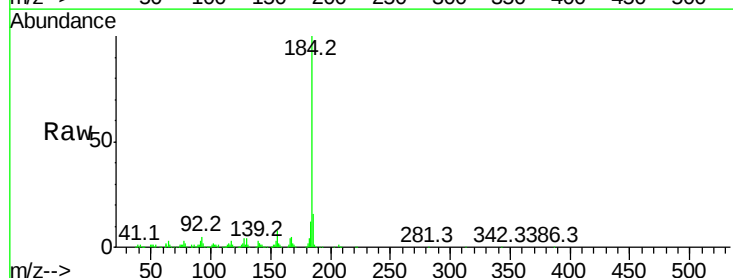
RT: 19.63 min Scan# 2781

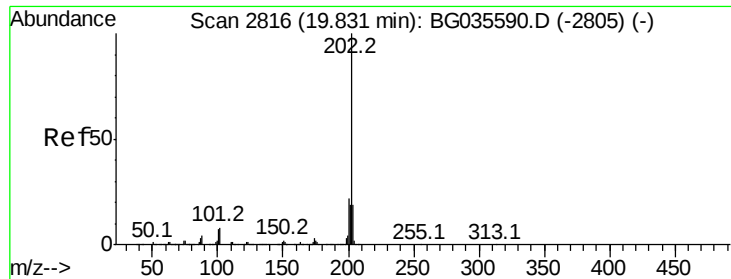
Delta R.T. 0.00 min

Lab File: BG035822.D

Acq: 23 Jul 2018 11:26

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.9	11.1	16.7
183	12.3	10.6	16.0





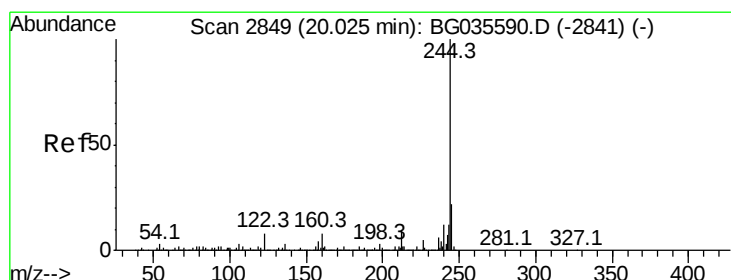
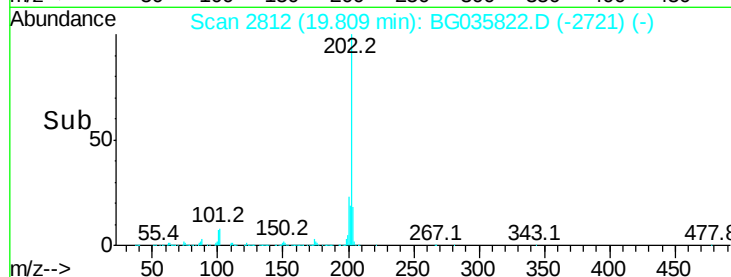
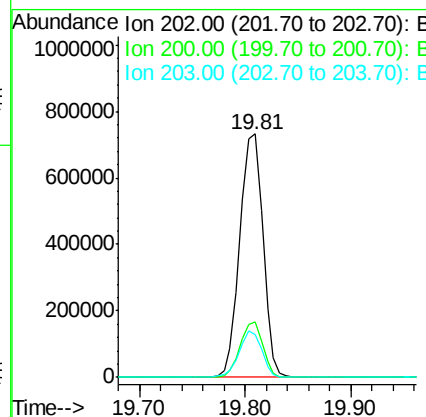
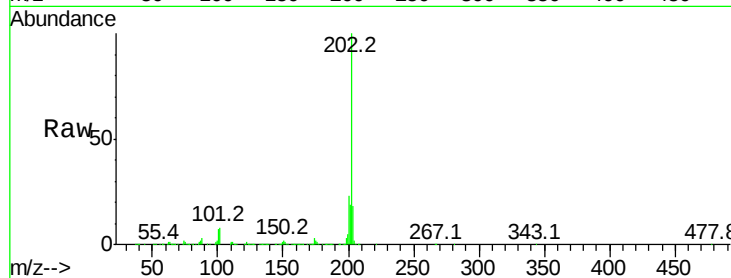
#77
Pvrene
Concen: 42.632 ng
RT: 19.81 min Scan# 2812
Delta R.T. 0.00 min
Lab File: BG035822.D
Acq: 23 Jul 2018 11:26

Instrument :
BNA_G
ClientSampleId :
PB111306BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.5	16.9	25.3
203	17.8	13.9	20.9

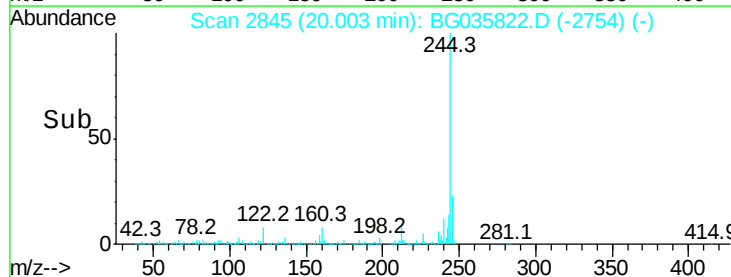
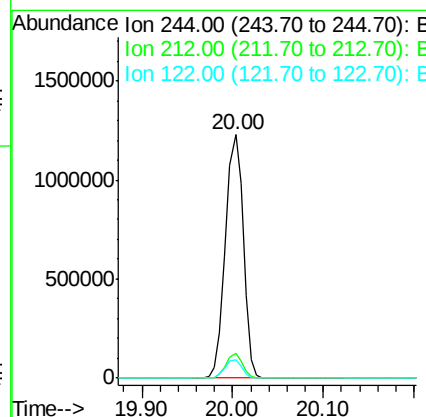
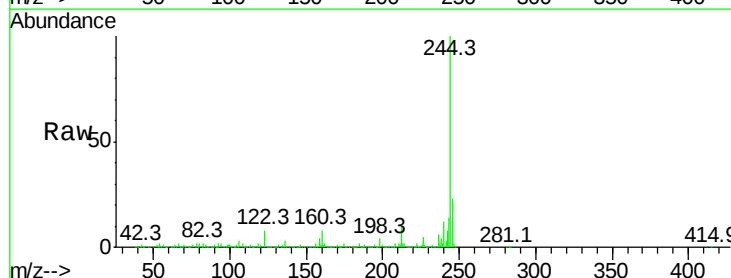
Manual Integrations
APPROVED

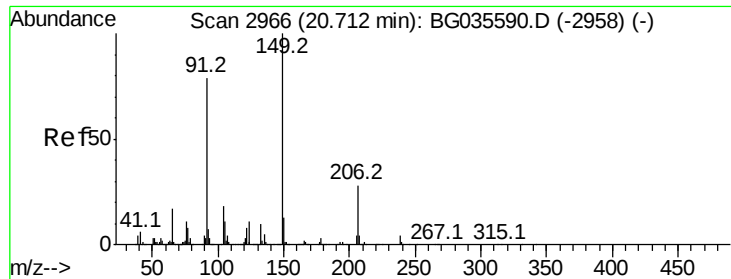
Sohil
7/24/2018 3:05:43 PM



#78
Terphenyl-d14
Concen: 89.336 ng
RT: 20.00 min Scan# 2845
Delta R.T. 0.00 min
Lab File: BG035822.D
Acq: 23 Jul 2018 11:26

Tgt Ion	Ratio	Lower	Upper
244	100		
212	10.0	5.8	8.8#
122	7.7	7.0	10.4





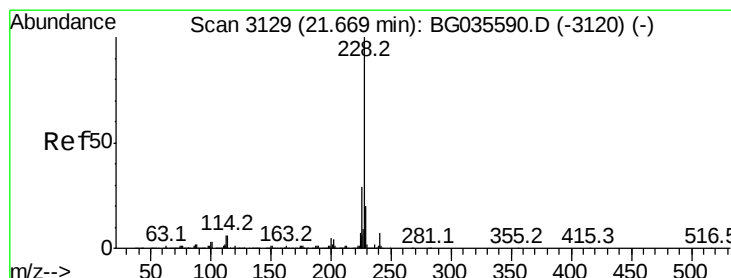
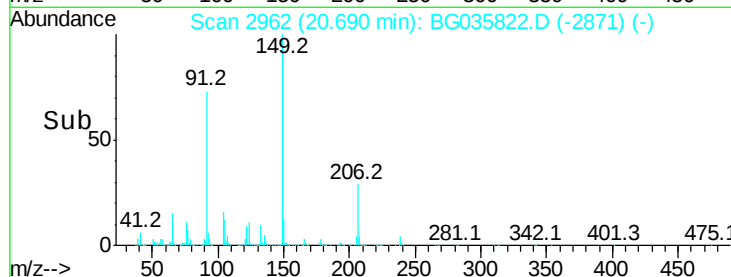
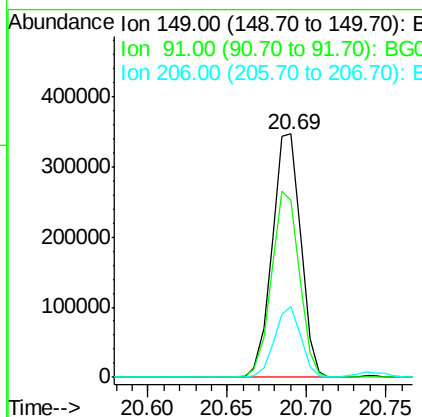
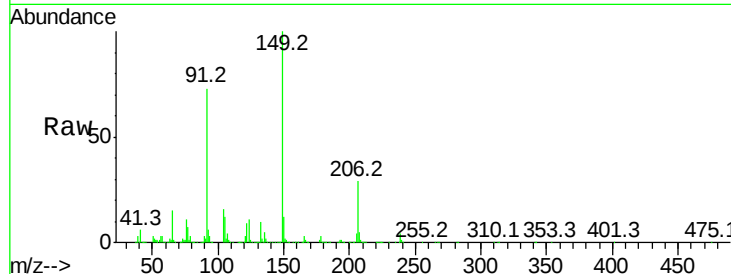
#79
Butylbenzylphthalate
Concen: 46.593 ng
RT: 20.69 min Scan# 2962
Delta R.T. 0.00 min
Lab File: BG035822.D
Acq: 23 Jul 2018 11:26

Instrument :
BNA_G
ClientSampleId :
PB111306BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	72.6	62.2	93.2
206	29.2	18.6	27.8

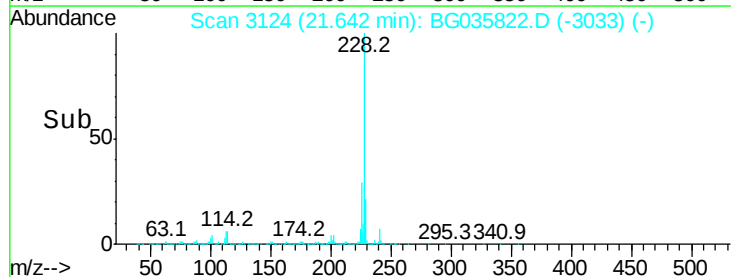
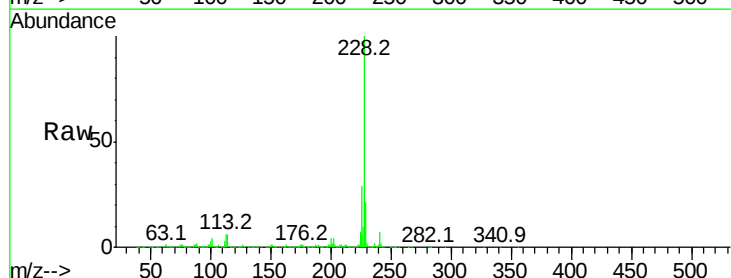
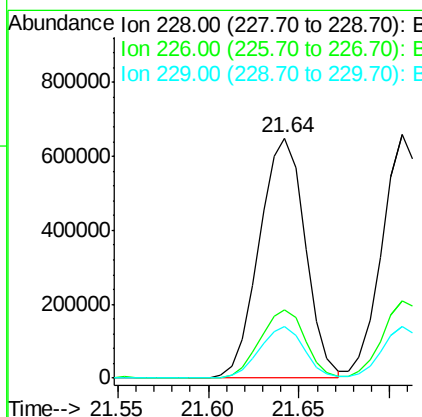
Manual Integrations
APPROVED

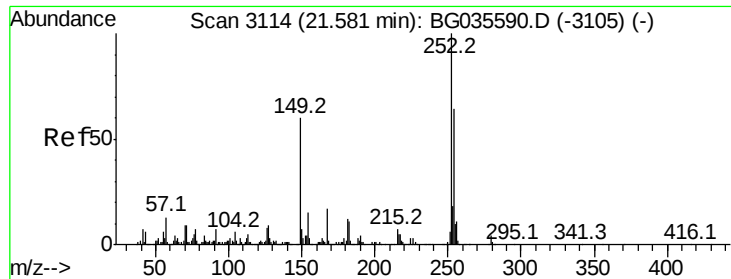
Sohil
7/24/2018 3:05:43 PM



#80
Benzo(a)anthracene
Concen: 44.462 ng
RT: 21.64 min Scan# 3124
Delta R.T. 0.00 min
Lab File: BG035822.D
Acq: 23 Jul 2018 11:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.7	34.1
229	21.3	16.2	24.2





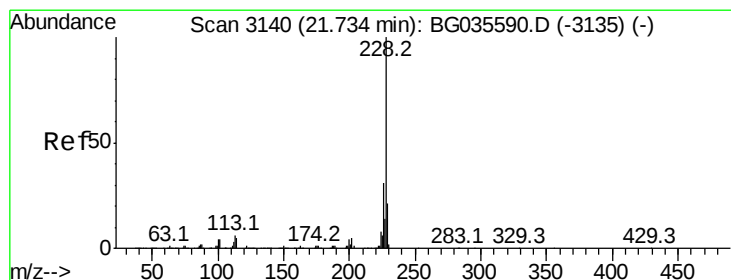
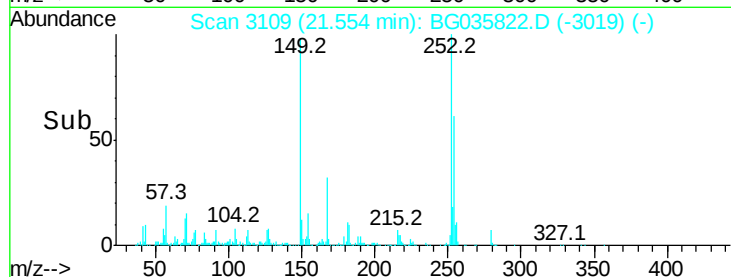
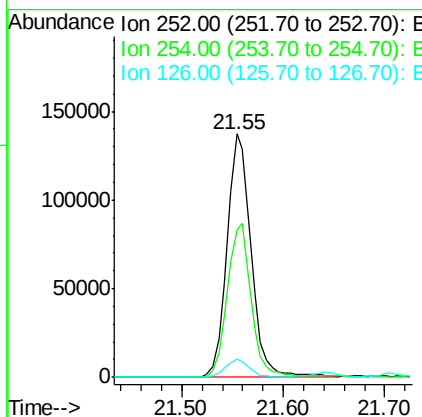
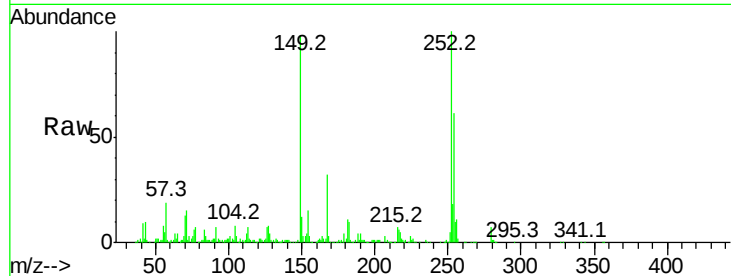
#81
 3,3'-Dichlorobenzidine
 Concen: 25.228 ng
 RT: 21.55 min Scan# 3109
 Delta R.T. -0.00 min
 Lab File: BG035822.D
 Acq: 23 Jul 2018 11:26

Instrument :
 BNA_G
 ClientSampleId :
 PB111306BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	60.8	50.8	76.2
126	7.4	7.4	11.2#

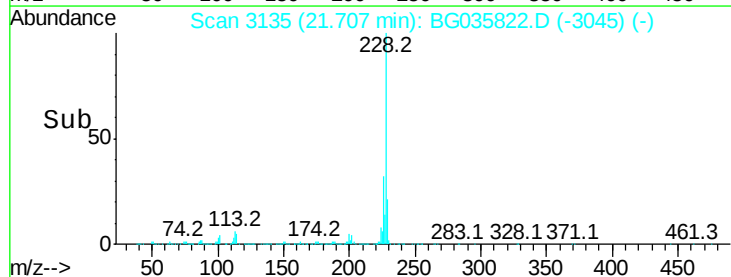
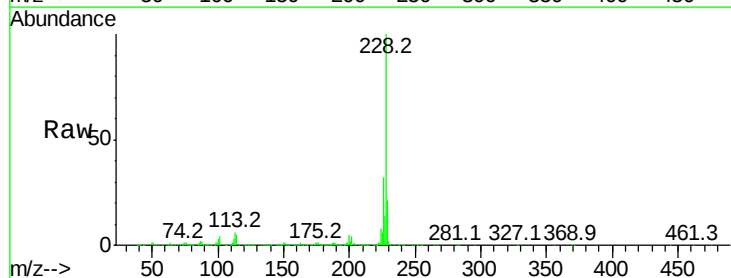
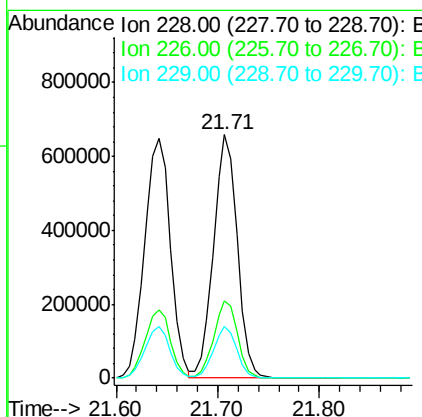
Manual Integrations
 APPROVED

Sohil
 7/24/2018 3:05:43 PM



#82
 Chrysene
 Concen: 44.885 ng
 RT: 21.71 min Scan# 3135
 Delta R.T. -0.00 min
 Lab File: BG035822.D
 Acq: 23 Jul 2018 11:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.9	37.3
229	21.3	15.0	22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.009 ng

RT: 21.54 min Scan# 3107

Delta R.T. 0.00 min

Lab File: BG035822.D

Acq: 23 Jul 2018 11:26

Instrument :

BNA_G

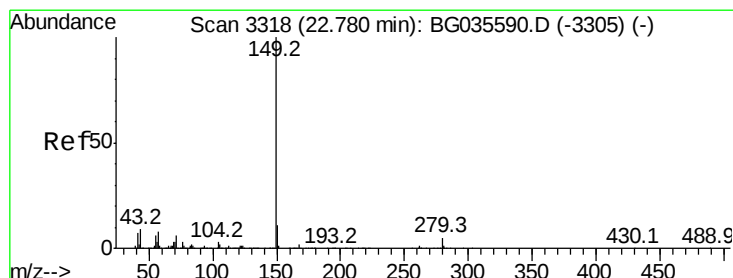
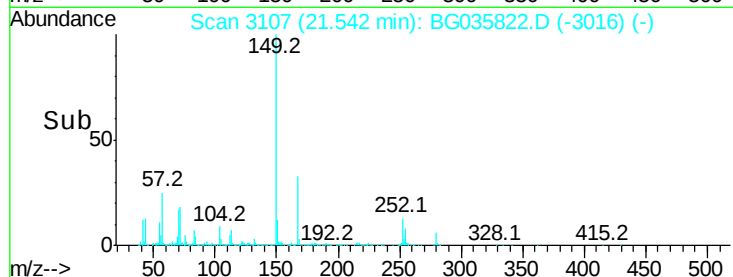
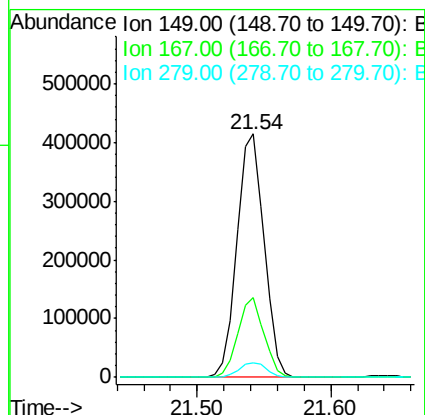
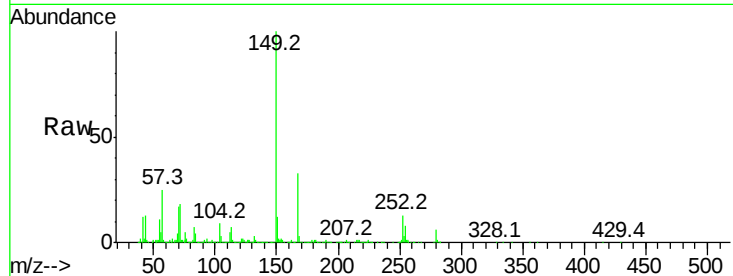
ClientSampleId :

PB111306BS

Tot Ion:	149	Resp:	584193
Ion Ratio	Lower	Upper	
149	100		
167	32.7	24.3	36.5
279	5.8	4.0	6.0

Manual Integrations
APPROVED

Sohil
7/24/2018 3:05:43 PM



#84

Di-n-octyl phthalate

Concen: 47.829 ng

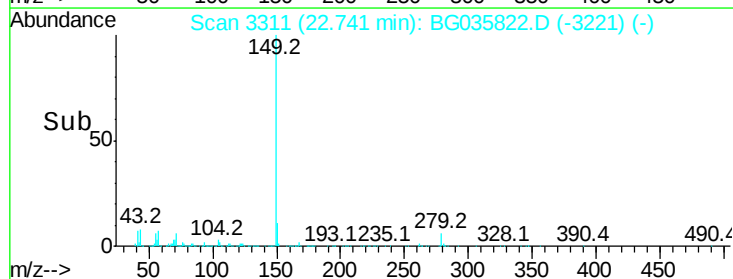
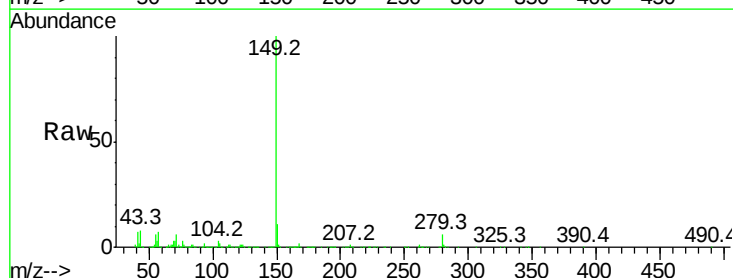
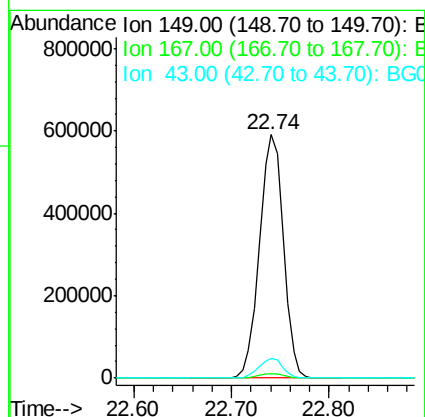
RT: 22.74 min Scan# 3311

Delta R.T. -0.00 min

Lab File: BG035822.D

Acq: 23 Jul 2018 11:26

Tgt Ion:	149	Resp:	1016847
Ion Ratio	Lower	Upper	
149	100		
167	1.9	1.4	2.0
43	8.1	8.9	13.3#





#85

Indeno(1,2,3-cd)pyrene

Concen: 46.989 ng

RT: 28.50 min Scan# 4292

Delta R.T. -0.00 min

Lab File: BG035822.D

Acq: 23 Jul 2018 11:26

Instrument :

BNA_G

ClientSampleID :

PB111306BS

Tot Ion:276 Resp: 1240884

Ion Ratio Lower Upper

276 100

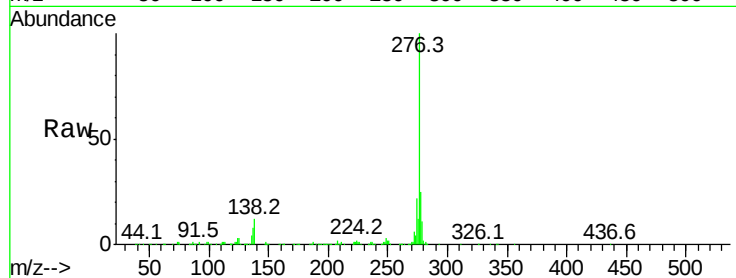
138 6.2 16.0 24.0#

277 26.5 20.0 30.0

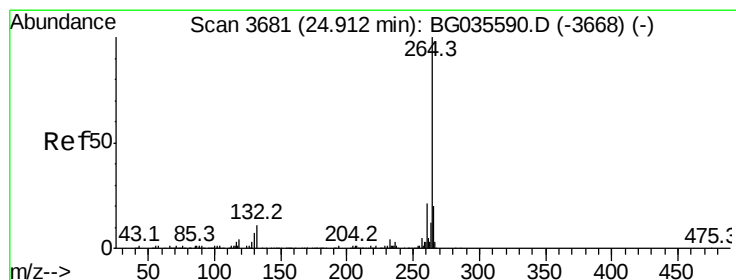
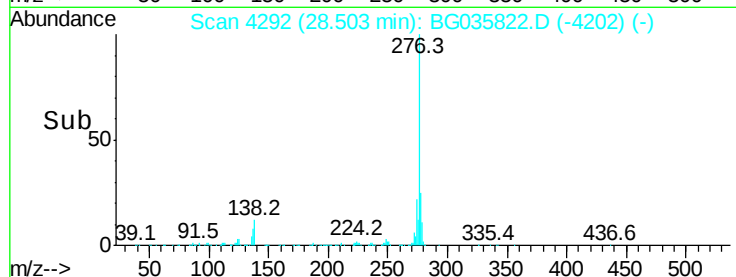
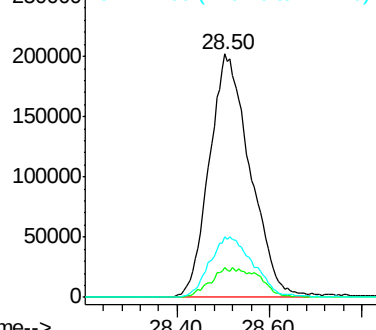
Manual Integrations
APPROVED

Sohil

7/24/2018 3:05:43 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: 24.86 min Scan# 3672

Delta R.T. 0.00 min

Lab File: BG035822.D

Acq: 23 Jul 2018 11:26

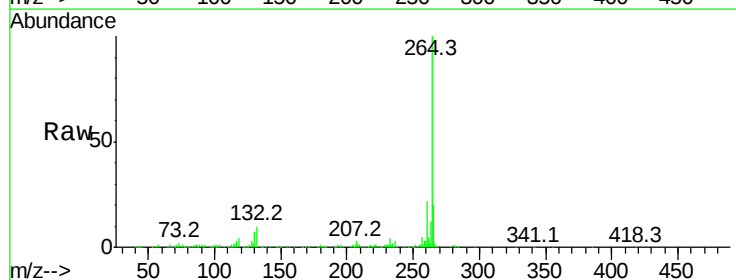
Tgt Ion:264 Resp: 405562

Ion Ratio Lower Upper

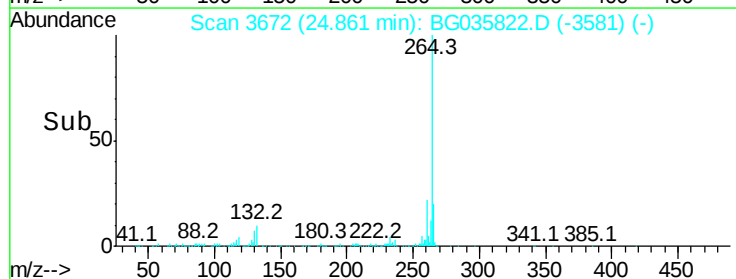
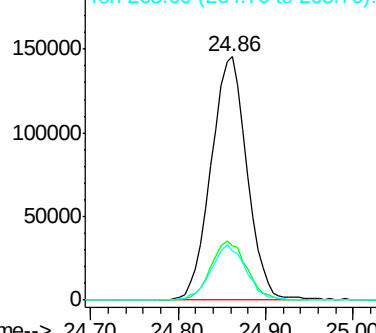
264 100

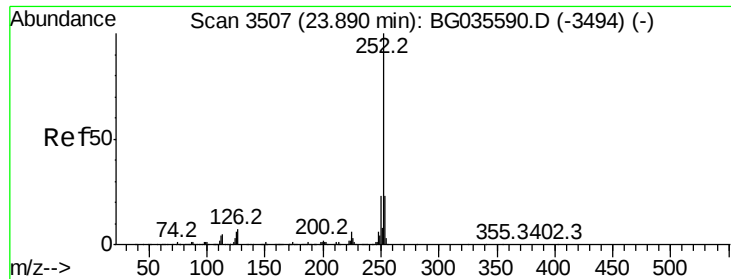
260 22.4 17.4 26.0

265 20.3 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: 45.226 ng

RT: 23.84 min Scan# 3499

Delta R.T. -0.00 min

Lab File: BG035822.D

Acq: 23 Jul 2018 11:26

Instrument :

BNA_G

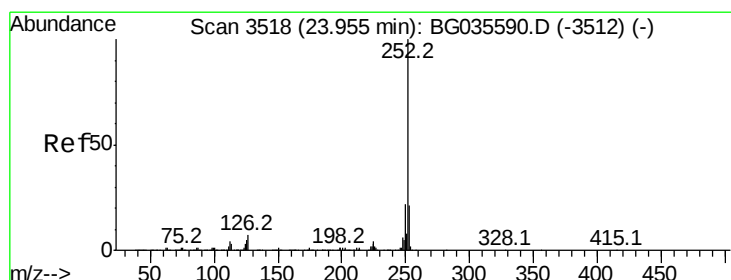
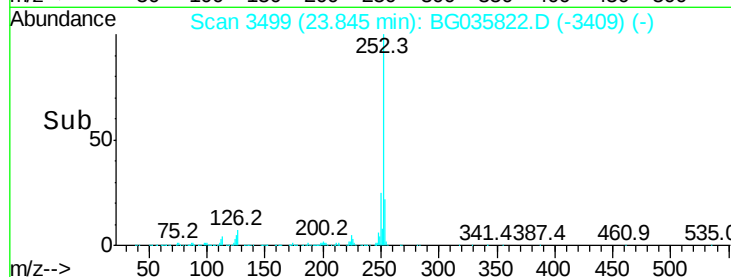
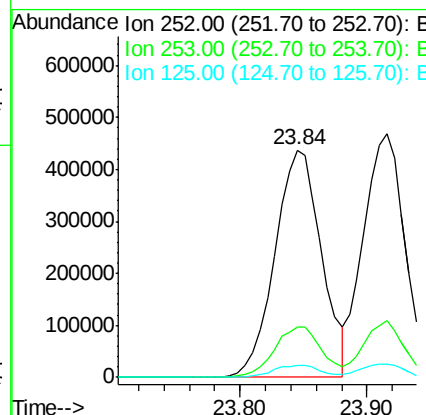
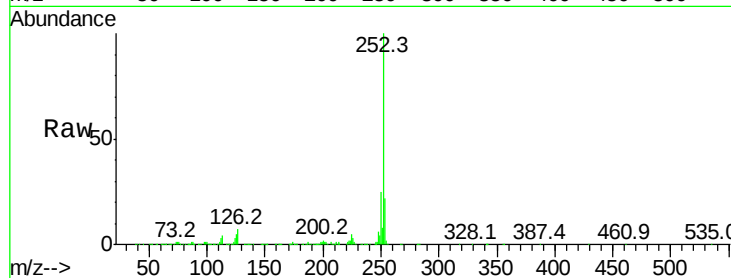
ClientSampleId :

PB111306BS

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

Manual Integrations
APPROVED

Sohil
7/24/2018 3:05:43 PM



#88

Benzo(k)fluoranthene

Concen: 44.117 ng

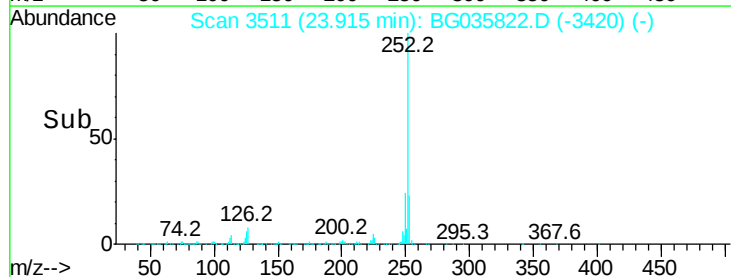
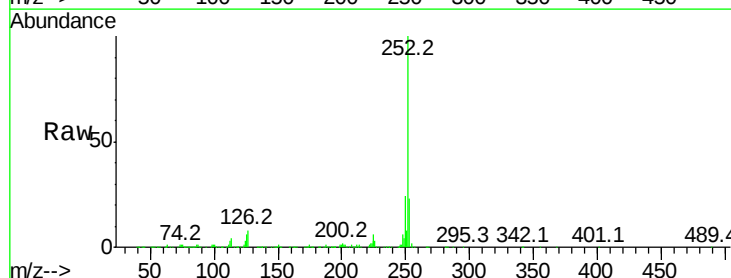
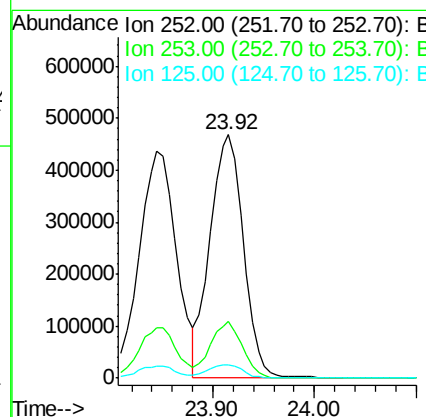
RT: 23.92 min Scan# 3511

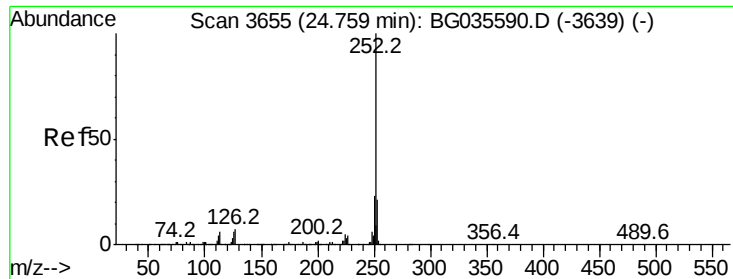
Delta R.T. 0.00 min

Lab File: BG035822.D

Acq: 23 Jul 2018 11:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.4	26.2
125	5.5	6.6	9.8





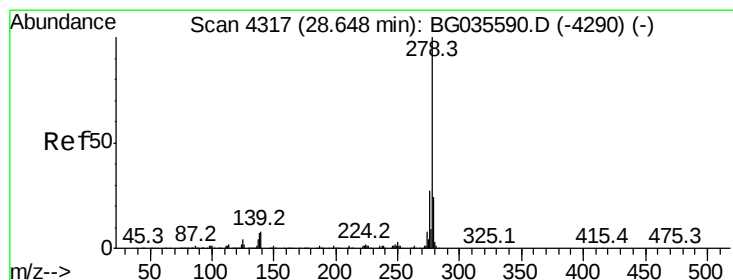
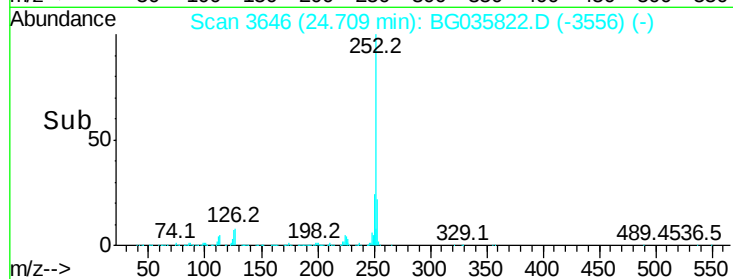
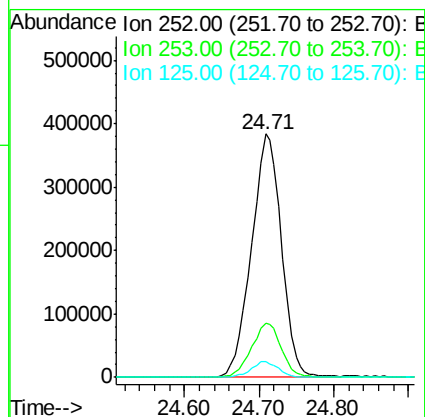
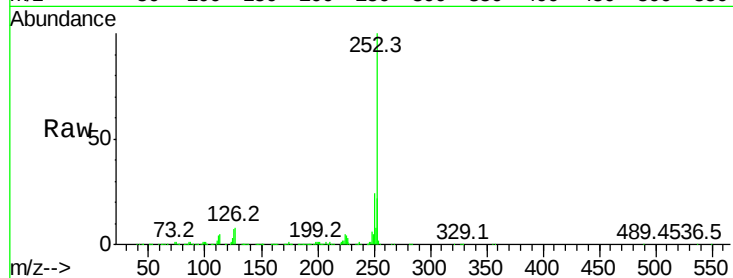
#89
Benzo(a)pyrene
Concen: 46.717 ng
RT: 24.71 min Scan# 3646
Delta R.T. -0.00 min
Lab File: BG035822.D
Acq: 23 Jul 2018 11:26

Instrument :
BNA_G
ClientSampleId :
PB111306BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.3	27.5
125	6.6	7.3	10.9#

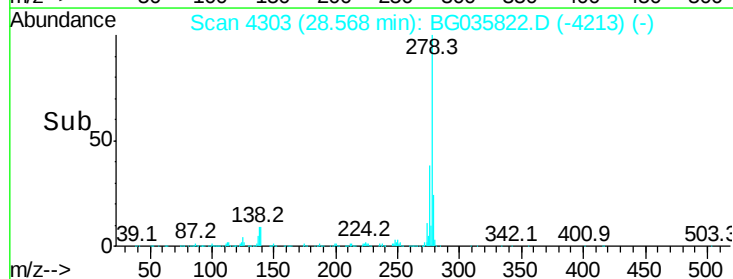
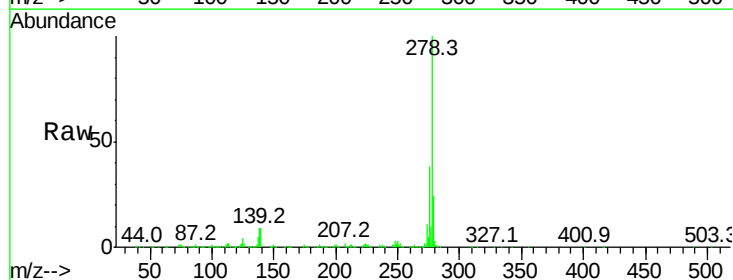
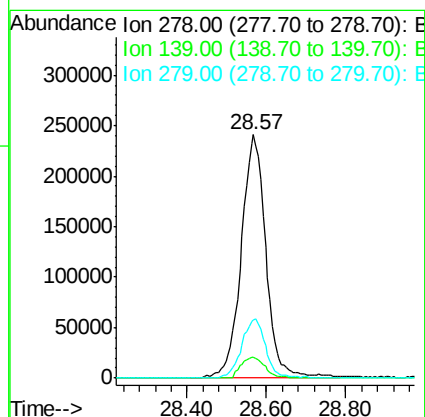
Manual Integrations
APPROVED

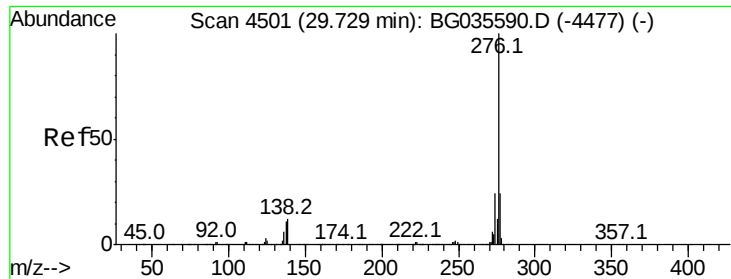
Sohil
7/24/2018 3:05:43 PM



#90
Dibenzo(a,h)anthracene
Concen: 46.441 ng
RT: 28.57 min Scan# 4303
Delta R.T. -0.00 min
Lab File: BG035822.D
Acq: 23 Jul 2018 11:26

Tgt Ion	Ratio	Lower	Upper
278	100		
139	8.8	9.8	14.6#
279	23.7	18.4	27.6





#91

Benzo(a,h,i)perylene

Concen: 46.597 ng

RT: 29.65 min Scan# 4488

Delta R.T. 0.00 min

Lab File: BG035822.D

Acq: 23 Jul 2018 11:26

Instrument :

BNA_G

ClientSampleId :

PB111306BS

Tot Ion:276 Resp: 1026560

Ion Ratio Lower Upper

276 100

277 24.9 18.3 27.5

138 12.5 13.9 20.9#

Manual Integrations
APPROVED

Sohil

7/24/2018 3:05:43 PM

