

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071818\
 Data File : BG035734.D
 Acq On : 19 Jul 2018 2:03
 Operator : JU/SJ
 Sample : PB111232BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111232BS

Manual Integrations
 APPROVED

Sohil
 7/19/2018 3:45:24 PM

Quant Time: Jul 19 03:53:56 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 18 17:45:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	41106	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	150919	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	107273	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	296244	20.00	ng	0.00
75) Chrysene-d12	21.67	240	331848	20.00	ng	0.00
86) Perylene-d12	24.88	264	323911	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	355462	143.57	ng	0.00
7) Phenol-d6	7.21	99	516393	139.79	ng	0.00
23) Nitrobenzene-d5	9.20	82	319432	88.42	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	215479	152.40	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	731500	91.36	ng	0.00
78) Terphenyl-d14	20.01	244	1368403	90.90	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	42670	33.861	ng	# 75
3) Pyridine	3.92	79	123309	37.483	ng	# 76
4) n-Nitrosodimethylamine	3.84	42	53570	37.924	ng	# 70
6) Aniline	7.37	93	103931	21.707	ng	99
8) 2-Chlorophenol	7.61	128	123412	49.009	ng	93
9) Benzaldehyde	7.18	77	66741	29.446	ng	98
10) Phenol	7.24	94	184613	49.467	ng	95
11) bis(2-Chloroethyl)ether	7.46	93	121168	41.457	ng	89
12) 1,3-Dichlorobenzene	7.93	146	132197	43.473	ng	96
13) 1,4-Dichlorobenzene	8.07	146	135095	43.725	ng	96
14) 1,2-Dichlorobenzene	8.39	146	128310	43.229	ng	99
15) Benzyl Alcohol	8.28	79	140352	41.839	ng	89
16) 2,2'-oxybis(1-Chloropropan	8.57	45	136027	55.513	ng	75
17) 2-Methylphenol	8.48	107	116844	46.048	ng	# 83
18) Hexachloroethane	9.12	117	50478	42.729	ng	92
19) n-Nitroso-di-n-propylamine	8.84	70	112367	36.123	ng	# 86
20) 3+4-Methylphenols	8.81	107	161635	45.917	ng	93
22) Acetophenone	8.86	105	208941	44.520	ng	# 90
24) Nitrobenzene	9.24	77	168295	46.321	ng	94
25) Isophorone	9.76	82	317671	47.369	ng	100
26) 2-Nitrophenol	9.96	139	70288	54.472	ng	# 87
27) 2,4-Dimethylphenol	10.01	122	128550	58.854	ng	95
28) bis(2-Chloroethoxy)methane	10.24	93	170229	46.065	ng	98
29) 2,4-Dichlorophenol	10.49	162	140397	56.310	ng	98
30) 1,2,4-Trichlorobenzene	10.70	180	145266	47.514	ng	96
31) Naphthalene	10.89	128	363739	46.268	ng	97
32) Benzoic acid	10.14	122	24801	16.867	ng	87
33) 4-Chloroaniline	11.00	127	57520	16.787	ng	91
34) Hexachlorobutadiene	11.17	225	110121	46.190	ng	98
35) Caprolactam	11.77	113	48205m	45.053	ng	
36) 4-Chloro-3-methylphenol	12.13	107	170408	50.989	ng	98
37) 2-Methylnaphthalene	12.50	142	285693	48.779	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	191971	47.414	ng	99
40) Hexachlorocyclopentadiene	12.84	237	247402	116.513	ng	93

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071818\
 Data File : BG035734.D
 Acq On : 19 Jul 2018 2:03
 Operator : JU/SJ
 Sample : PB111232BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 PB111232BS

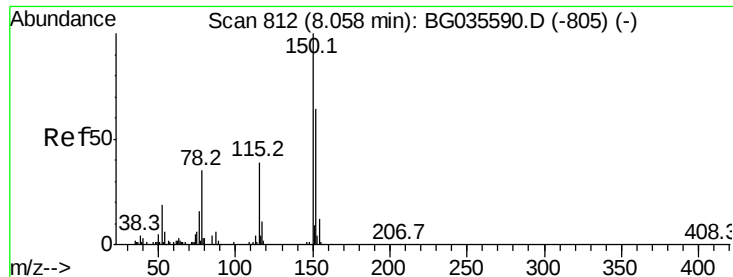
Manual Integrations
 APPROVED

Sohil
 7/19/2018 3:45:24 PM

Quant Time: Jul 19 03:53:56 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 18 17:45:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	128834	54.411	nq	97
43) 2,4,5-Trichlorophenol	13.18	196	141783	53.527	nq	93
45) 1,1'-Biphenyl	13.49	154	396492	47.674	nq	96
46) 2-Chloronaphthalene	13.54	162	311506	48.152	nq	98
47) 2-Nitroaniline	13.75	65	112741	49.295	nq	97
48) Acenaphthylene	14.39	152	513068	47.346	nq	98
49) Dimethylphthalate	14.12	163	436925	46.488	nq	99
50) 2,6-Dinitrotoluene	14.23	165	99857	52.174	nq	93
51) Acenaphthene	14.73	154	306099	45.345	nq	99
52) 3-Nitroaniline	14.57	138	45963	23.496	nq #	96
53) 2,4-Dinitrophenol	14.80	184	1041	7.553	nq #	64
54) Dibenzofuran	15.06	168	513217	47.804	nq	94
55) 4-Nitrophenol	14.89	139	137717	98.856	nq #	84
56) 2,4-Dinitrotoluene	15.02	165	146879	53.492	nq	89
57) Fluorene	15.71	166	429856	47.772	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.29	232	133705	52.646	nq	94
59) Diethylphthalate	15.47	149	439877	45.516	nq	99
60) 4-Chlorophenyl-phenylether	15.70	204	245032	46.332	nq	97
61) 4-Nitroaniline	15.73	138	100409	49.070	nq #	76
62) Azobenzene	15.99	77	442196	46.387	nq	95
64) 4,6-Dinitro-2-methylphenol	15.79	198	21395	12.974	nq	90
65) n-Nitrosodiphenylamine	15.91	169	380589	45.135	nq	97
66) 4-Bromophenyl-phenylether	16.59	248	164091	47.743	nq	95
67) Hexachlorobenzene	16.71	284	167874	47.430	nq	95
68) Atrazine	16.86	200	178237	51.339	nq	96
69) Pentachlorophenol	17.06	266	81871	37.977	nq	98
70) Phenanthrene	17.45	178	706676	47.806	nq	98
71) Anthracene	17.54	178	716987	48.712	nq	98
72) Carbazole	17.81	167	671521	48.040	nq	98
73) Di-n-butylphthalate	18.36	149	765252	46.327	nq #	98
74) Fluoranthene	19.46	202	943680	47.394	nq	98
76) Benzidine	19.63	184	332485	38.110	nq	98
77) Pyrene	19.81	202	945372	45.054	nq	99
79) Butylbenzylphthalate	20.70	149	361630	48.194	nq	98
80) Benzo(a)anthracene	21.65	228	972078	47.006	nq	99
81) 3,3'-Dichlorobenzidine	21.57	252	183198	25.407	nq #	98
82) Chrysene	21.72	228	919119	47.962	nq	98
83) Bis(2-ethylhexyl)phthalate	21.55	149	499008	48.916	nq	98
84) Di-n-octyl phthalate	22.76	149	854855	50.048	nq #	93
85) Indeno(1,2,3-cd)pyrene	28.54	276	1063225	50.113	nq #	94
87) Benzo(b)fluoranthene	23.86	252	965854	49.060	nq #	97
88) Benzo(k)fluoranthene	23.93	252	895199	46.511	nq #	98
89) Benzo(a)pyrene	24.73	252	910167	49.694	nq #	97
90) Dibenzo(a,h)anthracene	28.60	278	876402	48.740	nq #	94
91) Benzo(g,h,i)perylene	29.68	276	885561	50.329	nq #	93

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



#1

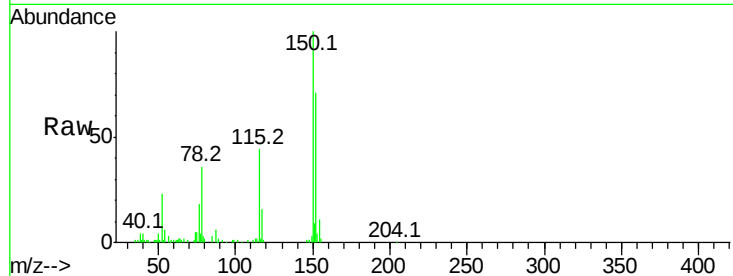
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 808
Delta R.T. -0.00 min
Lab File: BG035734.D
Acq: 19 Jul 2018 2:03

Instrument :
BNA_G
ClientSampleId :
PB111232BS

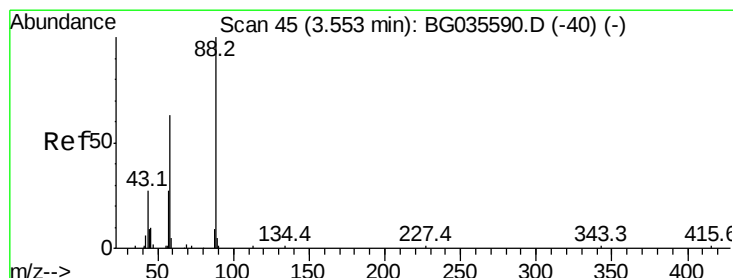
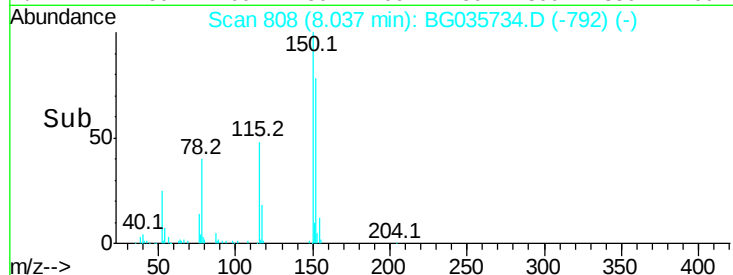
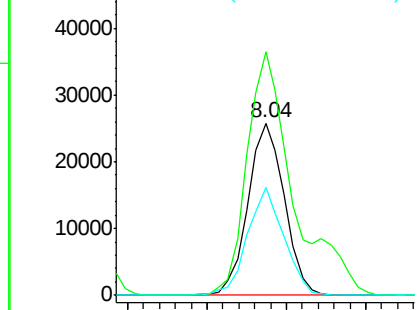
Tot Ion	Ratio	Lower	Upper
152	100		
150	141.4	126.6	189.8
115	62.4	53.0	79.4

Manual Integrations
APPROVED

Sohil
7/19/2018 3:45:24 PM



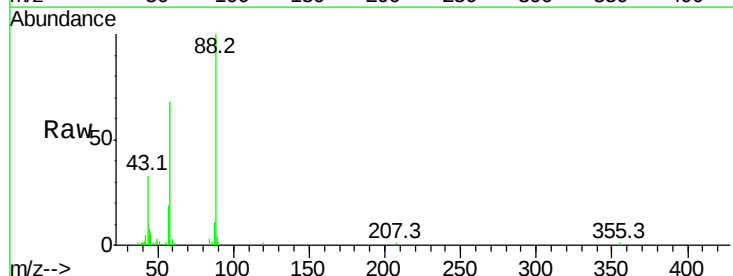
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



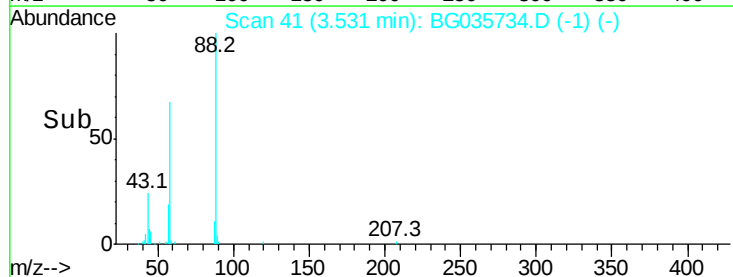
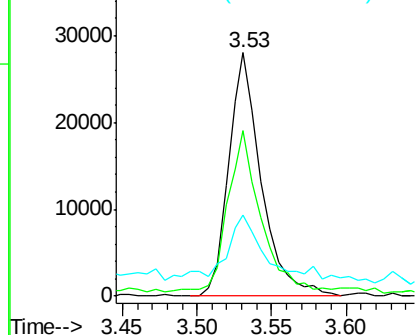
#2

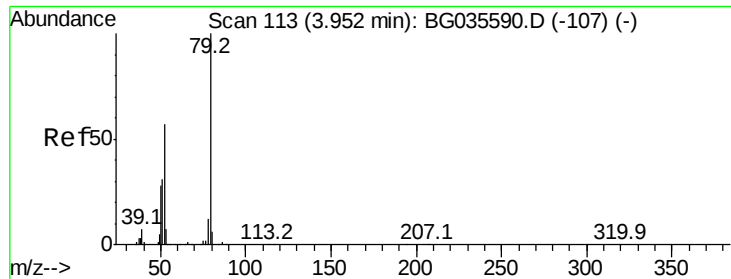
1,4-Dioxane
Concen: 33.861 ng
RT: 3.53 min Scan# 41
Delta R.T. -0.00 min
Lab File: BG035734.D
Acq: 19 Jul 2018 2:03

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.0	79.6	119.4#
43	36.9	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: 37.483 ng

RT: 3.92 min Scan# 108

Delta R.T. -0.01 min

Lab File: BG035734.D

Acq: 19 Jul 2018 2:03

Instrument :

BNA_G

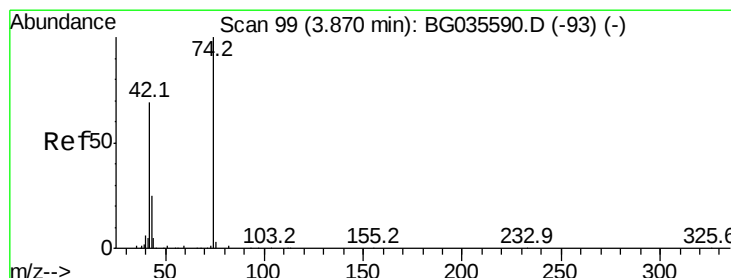
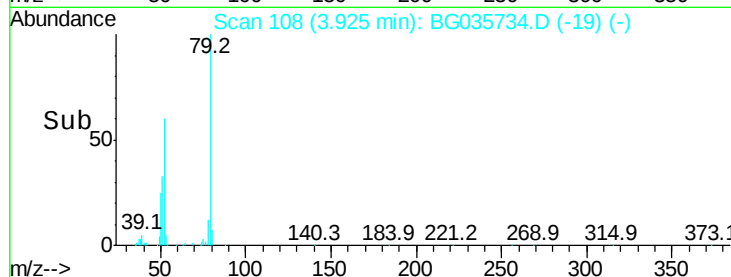
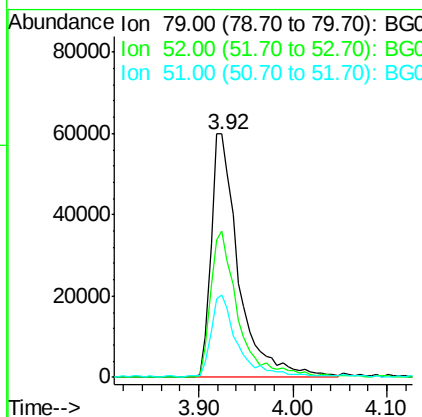
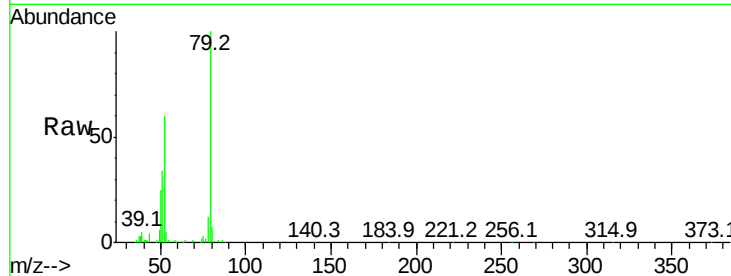
ClientSampleId :

PB111232BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	60.3	69.9	104.9#		
51	33.8	34.0	51.0#		

Manual Integrations
APPROVED

Sohil
7/19/2018 3:45:24 PM



#4

n-Nitrosodimethylamine

Concen: 37.924 ng

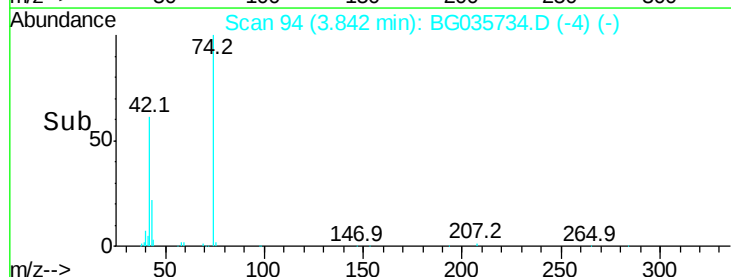
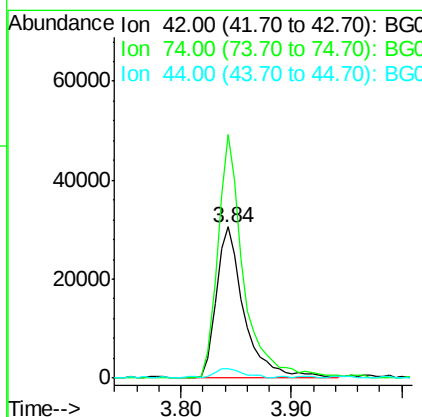
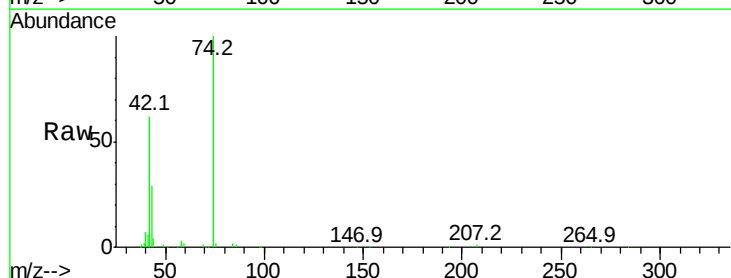
RT: 3.84 min Scan# 94

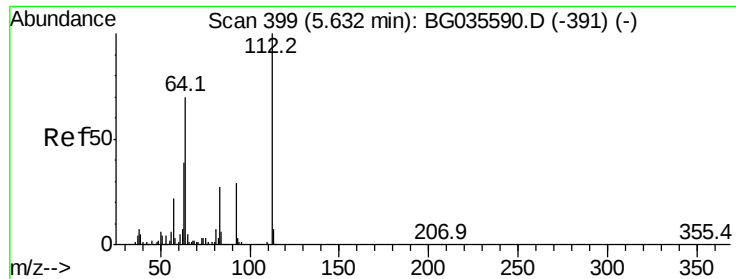
Delta R.T. -0.00 min

Lab File: BG035734.D

Acq: 19 Jul 2018 2:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	160.9	102.5	153.7#		
44	6.2	18.9	28.3#		





#5

2-Fluorophenol

Concen: 143.568 ng

RT: 5.62 min Scan# 397

Delta R.T. 0.00 min

Lab File: BG035734.D

Acq: 19 Jul 2018 2:03

Instrument :

BNA_G

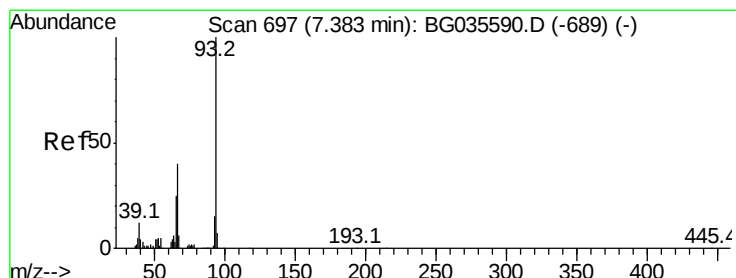
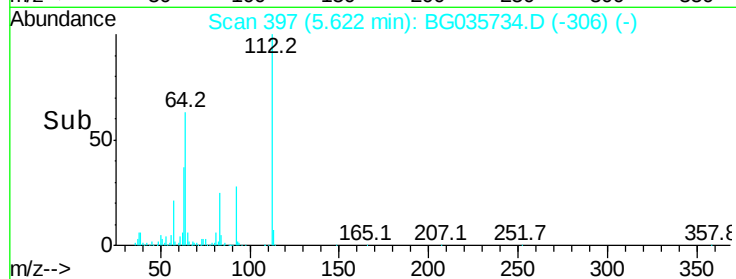
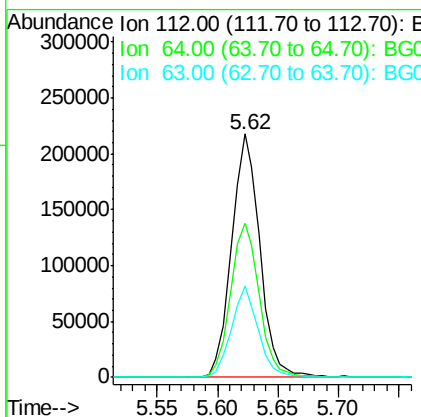
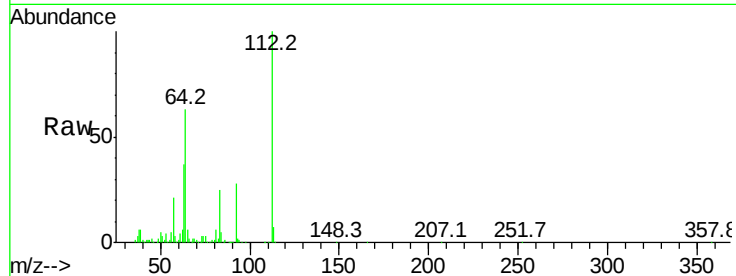
ClientSampleId :

PB111232BS

Tot Ion:	112	Resp:	355462
Ion Ratio	Lower	Upper	
112	100		
64	63.5	56.3	84.5
63	37.4	30.1	45.1

Manual Integrations
APPROVED

Sohil
7/19/2018 3:45:24 PM



#6

Aniline

Concen: 21.707 ng

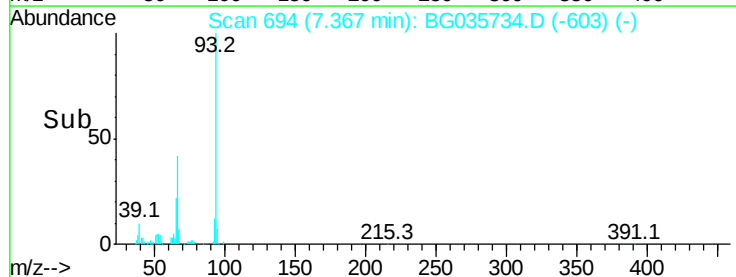
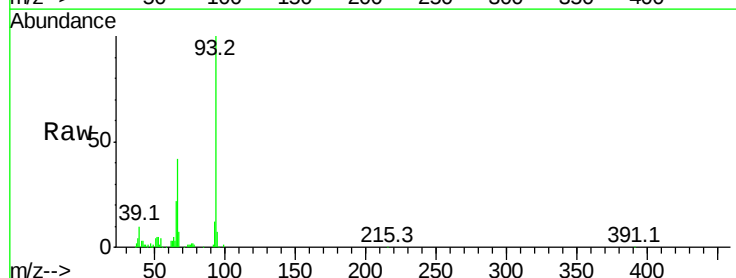
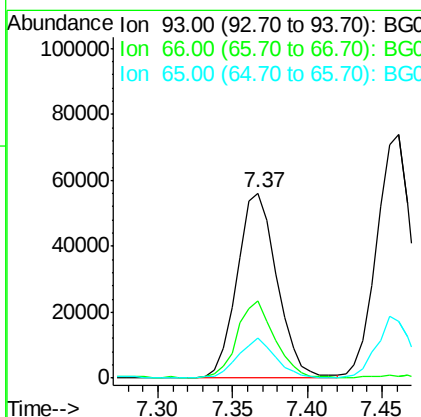
RT: 7.37 min Scan# 694

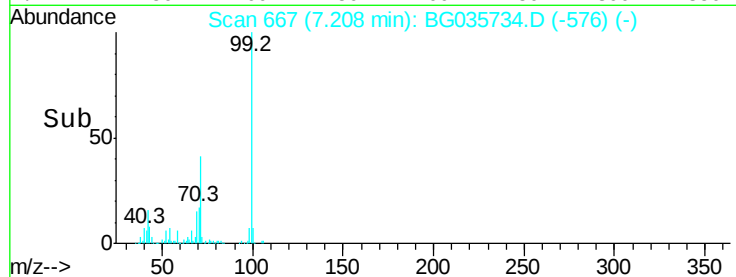
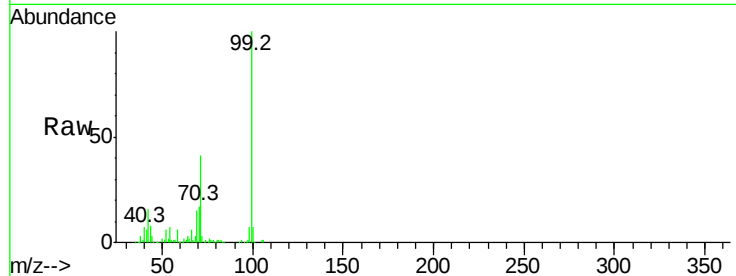
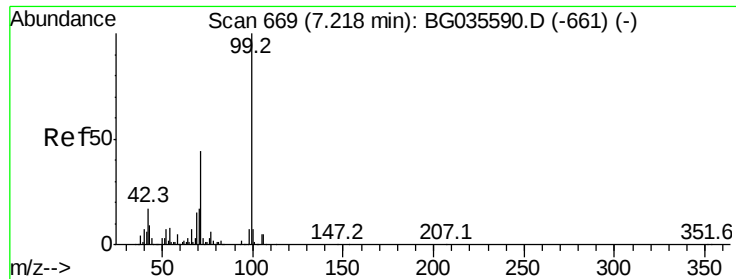
Delta R.T. 0.00 min

Lab File: BG035734.D

Acq: 19 Jul 2018 2:03

Tgt Ion:	93	Resp:	103931
Ion Ratio	Lower	Upper	
93	100		
66	42.0	33.7	50.5
65	21.8	16.1	24.1





#7

Phenol-d6

Concen: 139.791 ng

RT: 7.21 min Scan# 667

Delta R.T. 0.00 min

Lab File: BG035734.D

Acq: 19 Jul 2018 2:03

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		516393		
42	16.5	14.1	21.1		
71	41.1	26.1	39.1#		

Instrument :

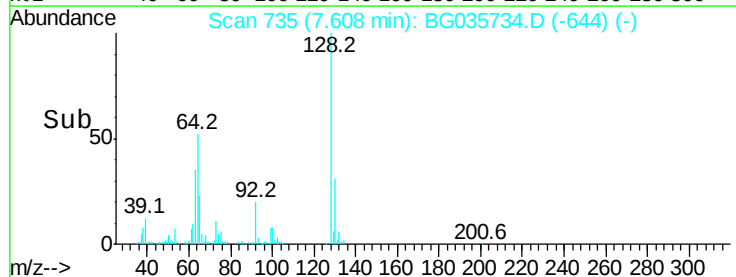
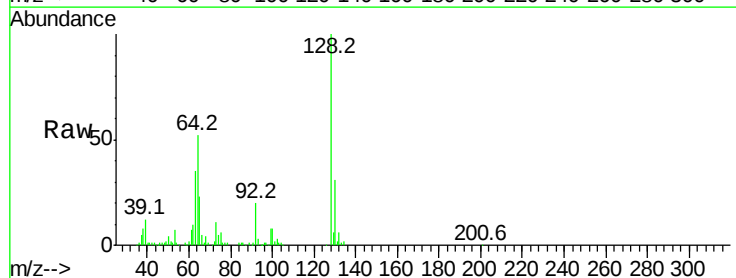
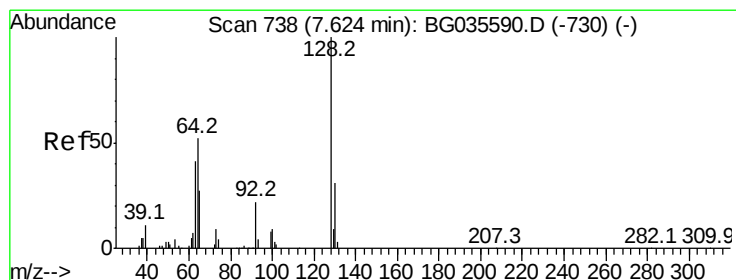
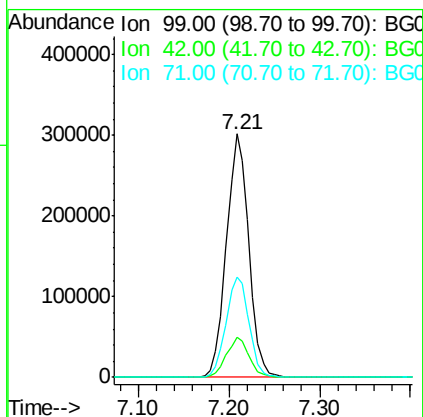
BNA_G

ClientSampleId :

PB111232BS

Manual Integrations
APPROVED

Sohil
7/19/2018 3:45:24 PM



#8

2-Chlorophenol

Concen: 49.009 ng

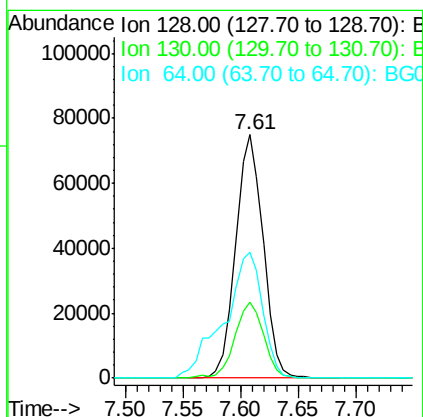
RT: 7.61 min Scan# 735

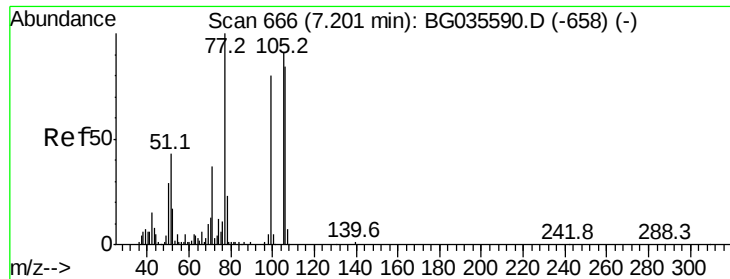
Delta R.T. 0.00 min

Lab File: BG035734.D

Acq: 19 Jul 2018 2:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		123412		
130	31.3	14.0	54.0		
64	51.8	37.7	77.7		





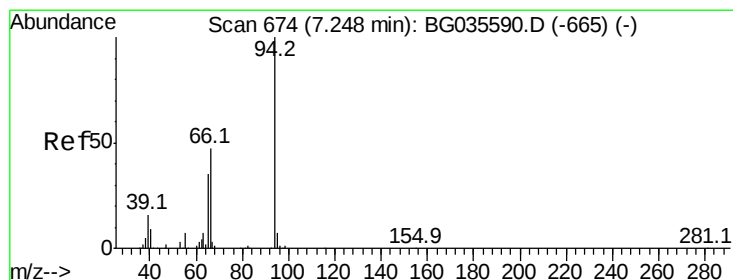
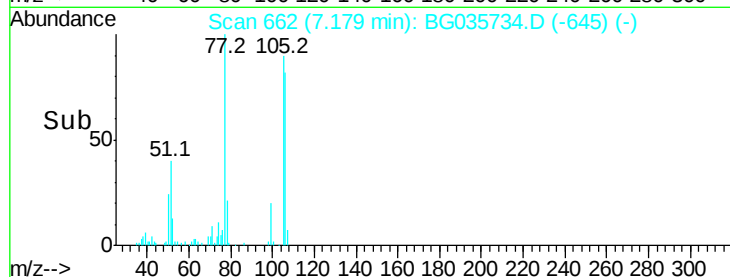
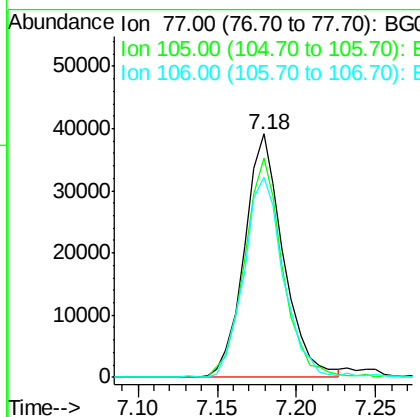
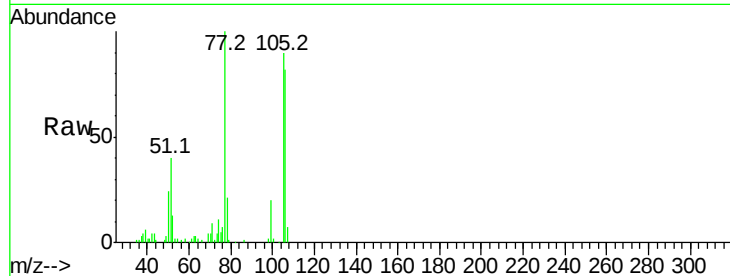
#9
Benzaldehyde
Concen: 29.446 ng
RT: 7.18 min Scan# 662
Delta R.T. 0.00 min
Lab File: BG035734.D
Acq: 19 Jul 2018 2:03

Instrument :
BNA_G
ClientSampled :
PB111232BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	89.9	71.3	111.3
106	82.3	64.2	104.2

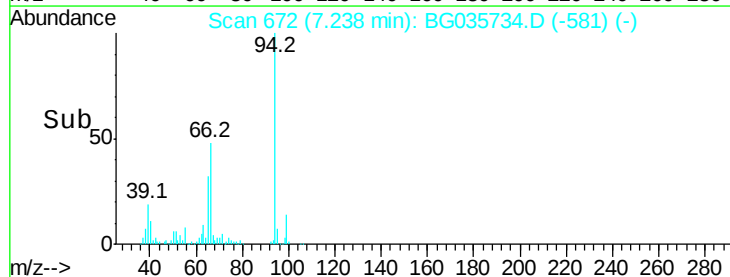
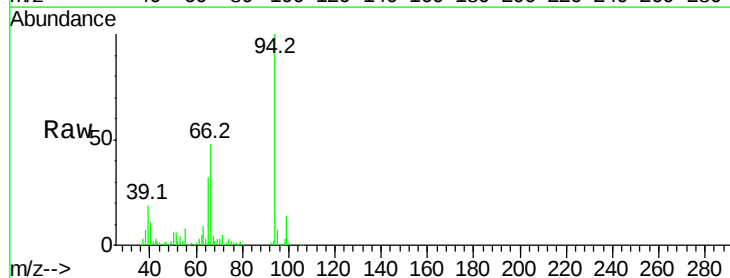
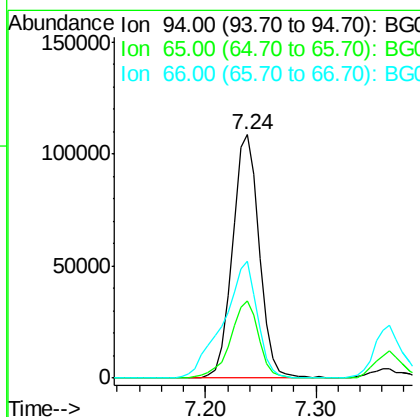
Manual Integrations
APPROVED

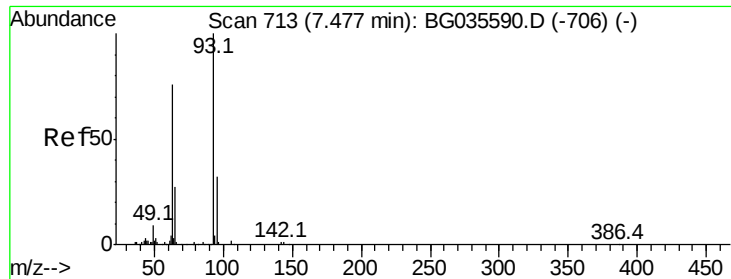
Sohil
7/19/2018 3:45:24 PM



#10
Phenol
Concen: 49.467 ng
RT: 7.24 min Scan# 672
Delta R.T. 0.00 min
Lab File: BG035734.D
Acq: 19 Jul 2018 2:03

Tgt Ion	Ratio	Lower	Upper
94	100		
65	31.7	11.9	51.9
66	47.8	22.2	62.2





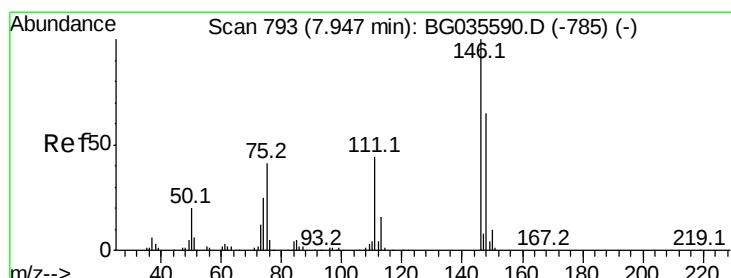
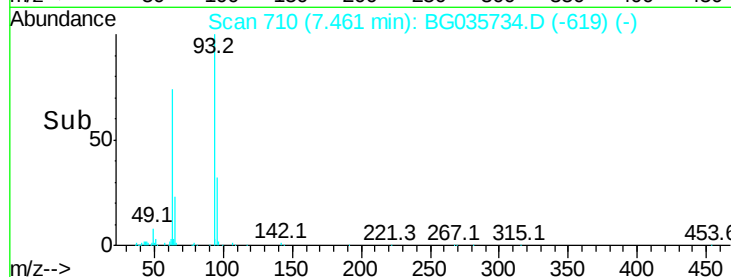
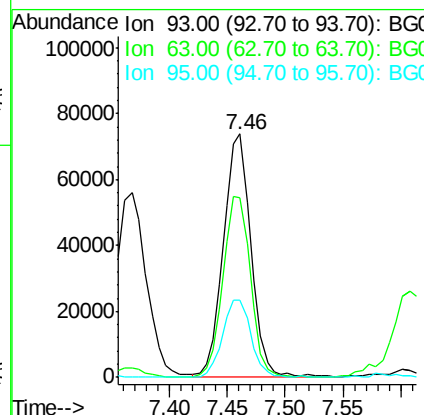
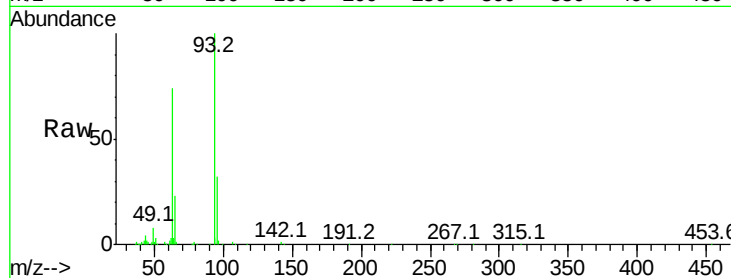
#11
bis(2-Chloroethyl)ether
Concen: 41.457 ng
RT: 7.46 min Scan# 710
Delta R.T. 0.00 min
Lab File: BG035734.D
Acq: 19 Jul 2018 2:03

Instrument :
BNA_G
ClientSampleId :
PB111232BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	121168		
63	73.6		67.1	107.1
95	31.8		11.5	51.5

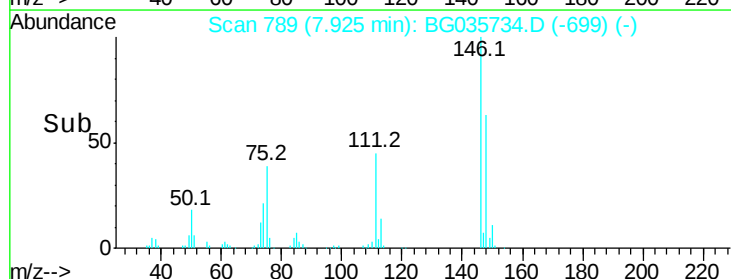
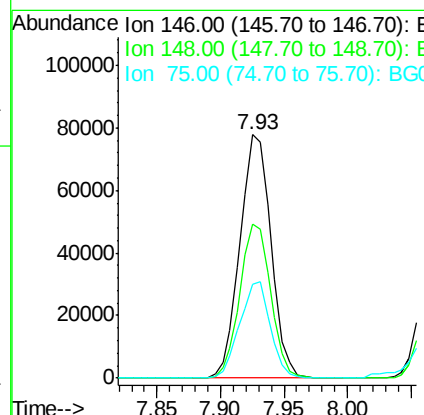
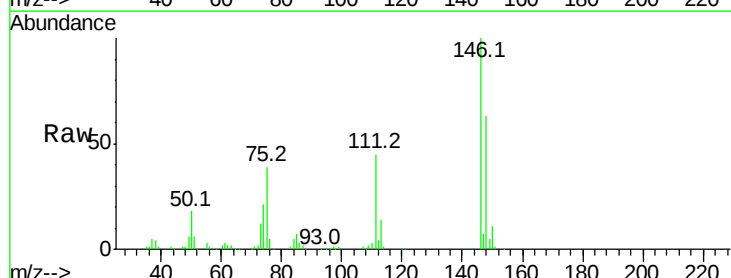
Manual Integrations
APPROVED

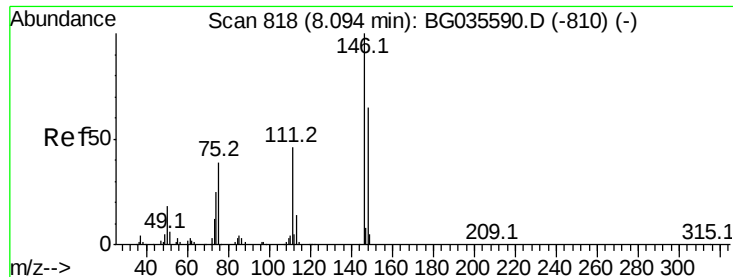
Sohil
7/19/2018 3:45:24 PM



#12
1,3-Dichlorobenzene
Concen: 43.473 ng
RT: 7.93 min Scan# 789
Delta R.T. -0.00 min
Lab File: BG035734.D
Acq: 19 Jul 2018 2:03

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	132197		
148	63.3		51.4	77.2
75	38.8		26.6	39.8





#13

1,4-Dichlorobenzene

Concen: 43.725 ng

RT: 8.07 min Scan# 814

Delta R.T. -0.00 min

Lab File: BG035734.D

Acq: 19 Jul 2018 2:03

Instrument :

BNA_G

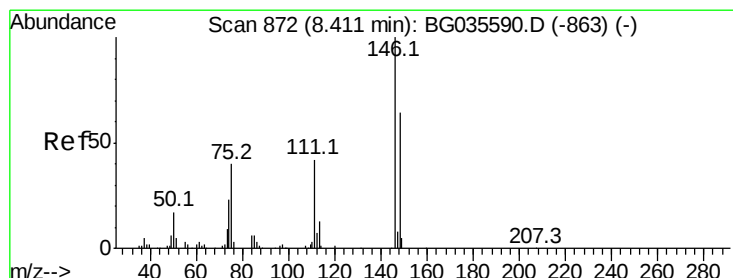
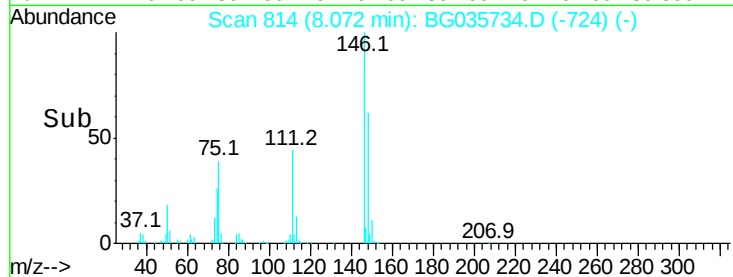
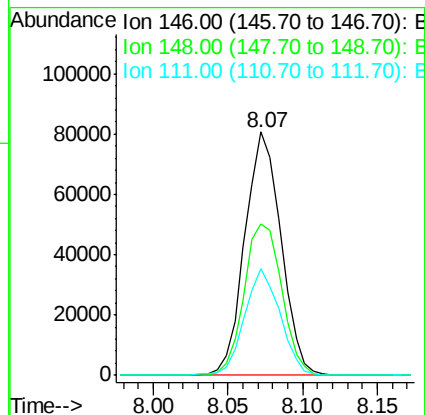
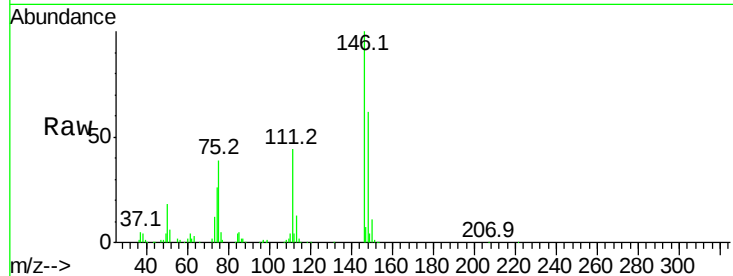
ClientSampled :

PB111232BS

Tot Ion:	146	Resp:	135095
Ion Ratio	Lower	Upper	
146	100		
148	62.3	53.7	80.5
111	43.7	35.2	52.8

Manual Integrations
APPROVED

Sohil
7/19/2018 3:45:24 PM



#14

1,2-Dichlorobenzene

Concen: 43.229 ng

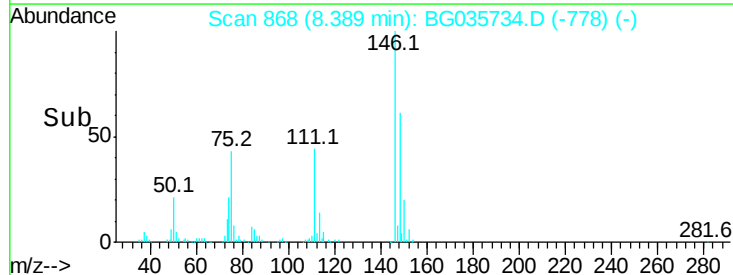
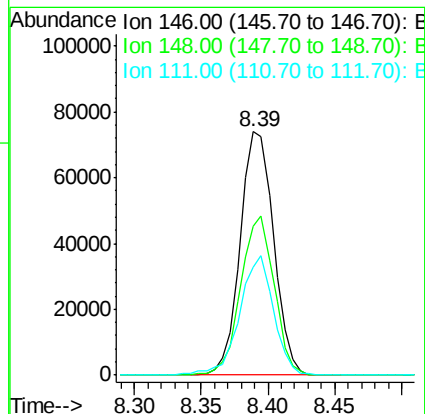
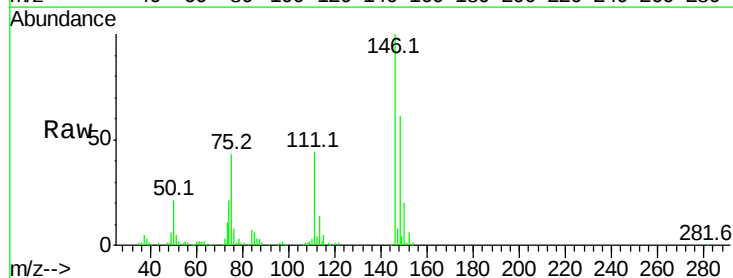
RT: 8.39 min Scan# 868

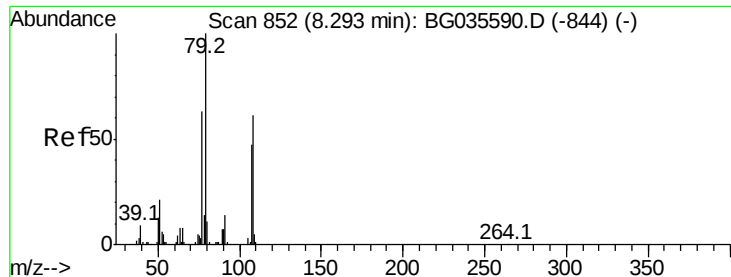
Delta R.T. -0.00 min

Lab File: BG035734.D

Acq: 19 Jul 2018 2:03

Tgt Ion:	146	Resp:	128310
Ion Ratio	Lower	Upper	
146	100		
148	61.2	49.3	73.9
111	44.4	34.3	51.5





#15

Benzyl Alcohol

Concen: 41.839 ng

RT: 8.28 min Scan# 849

Delta R.T. 0.00 min

Lab File: BG035734.D

Acq: 19 Jul 2018 2:03

Instrument :

BNA_G

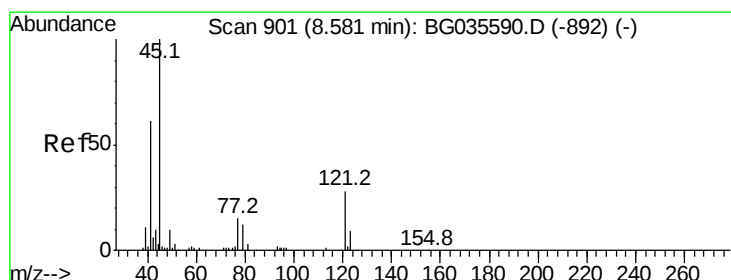
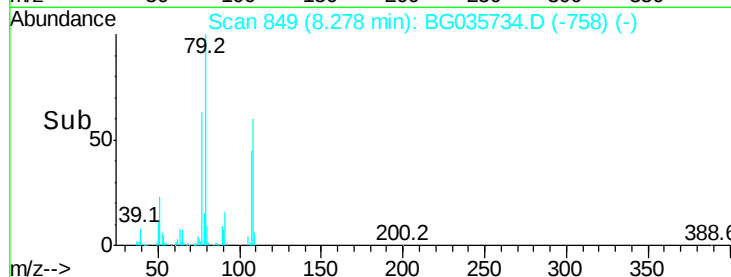
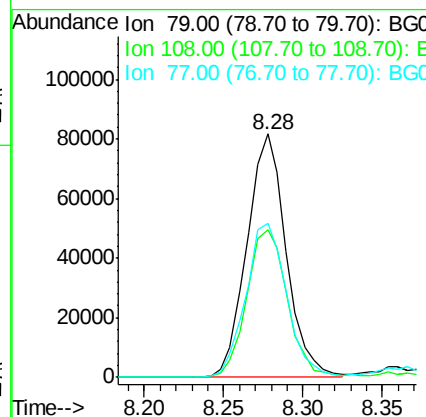
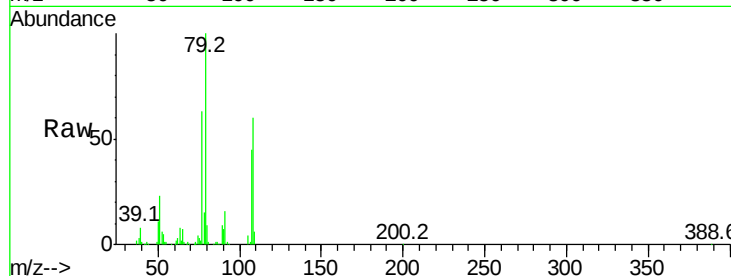
ClientSampled :

PB111232BS

Tot Ion:	79	Resp:	140352
Ion Ratio	Lower	Upper	
79	100		
108	60.4	57.2	85.8
77	63.5	46.1	69.1

Manual Integrations
APPROVED

Sohil
7/19/2018 3:45:24 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 55.513 ng

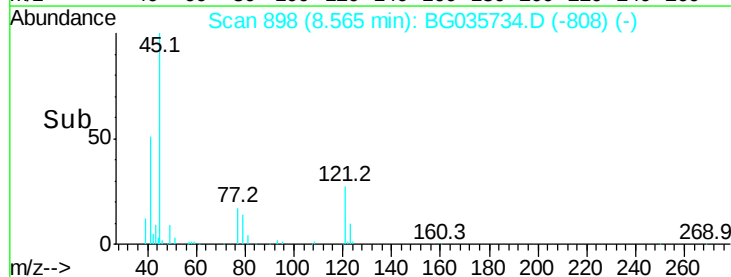
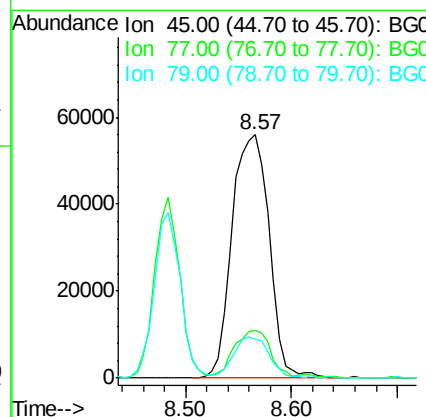
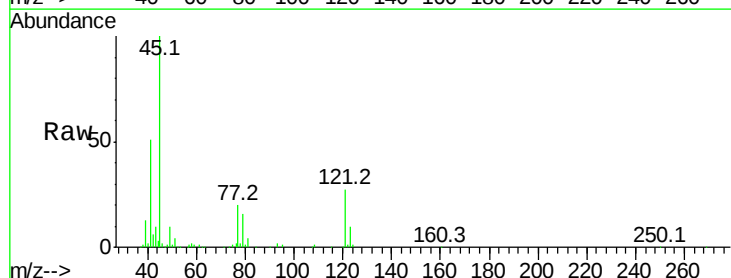
RT: 8.57 min Scan# 898

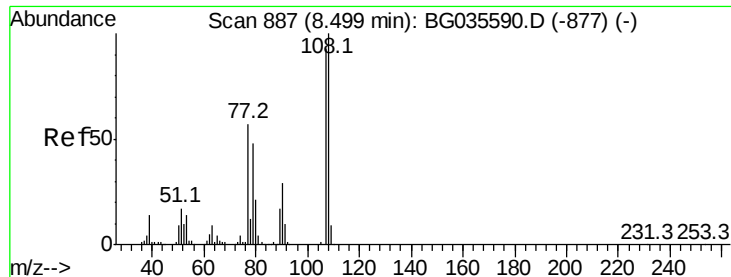
Delta R.T. -0.00 min

Lab File: BG035734.D

Acq: 19 Jul 2018 2:03

Tgt Ion:	45	Resp:	136027
Ion Ratio	Lower	Upper	
45	100		
77	19.9	0.0	30.2
79	15.9	0.0	27.9





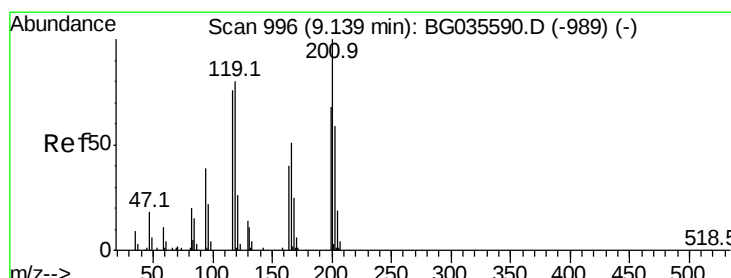
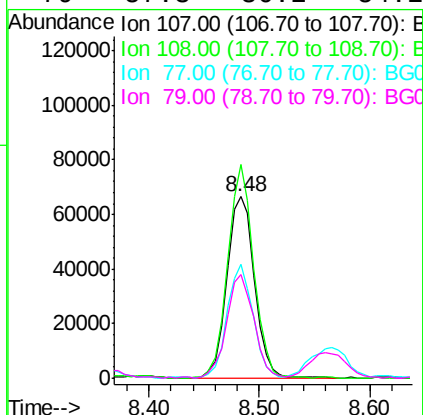
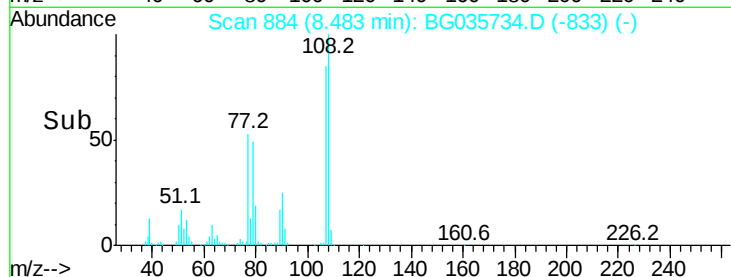
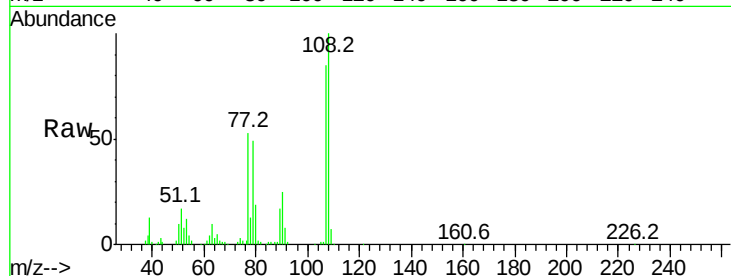
#17
2-Methylphenol
Concen: 46.048 ng
RT: 8.48 min Scan# 884
Delta R.T. 0.00 min
Lab File: BG035734.D
Acq: 19 Jul 2018 2:03

Instrument :
BNA_G
ClientSampleId :
PB111232BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	117.8	83.9	125.9	
77	62.8	37.2	55.8	
79	57.3	36.2	54.2	

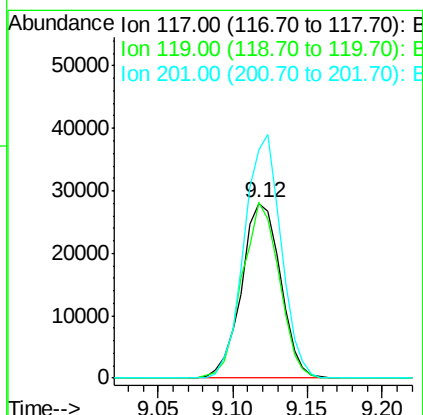
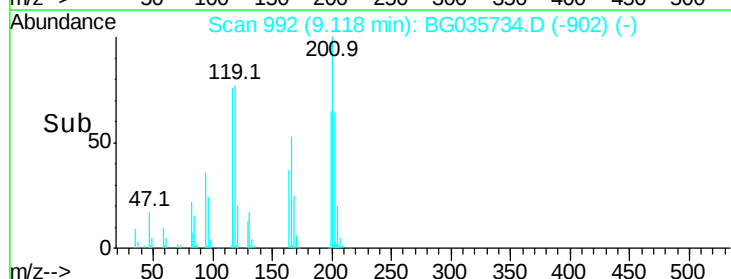
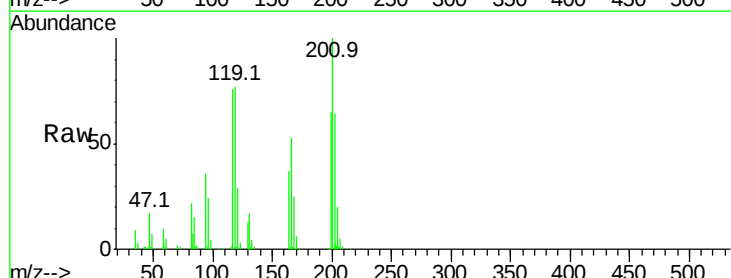
Manual Integrations
APPROVED

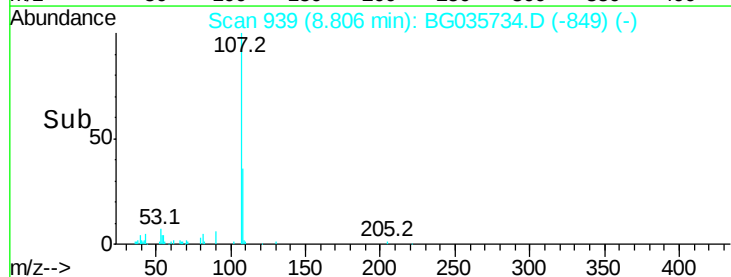
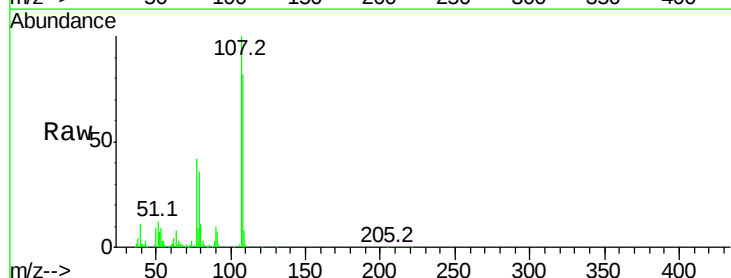
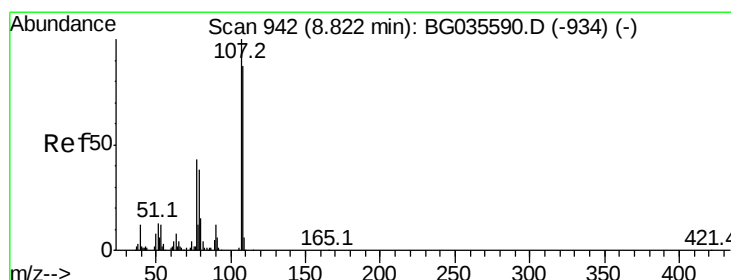
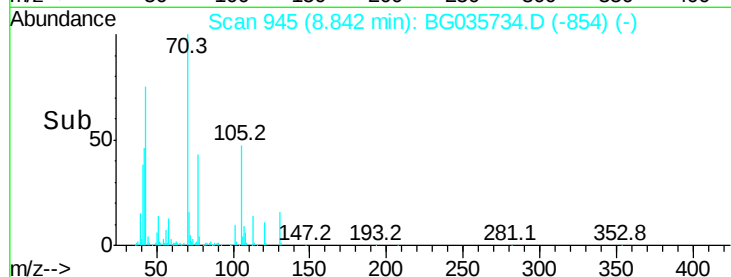
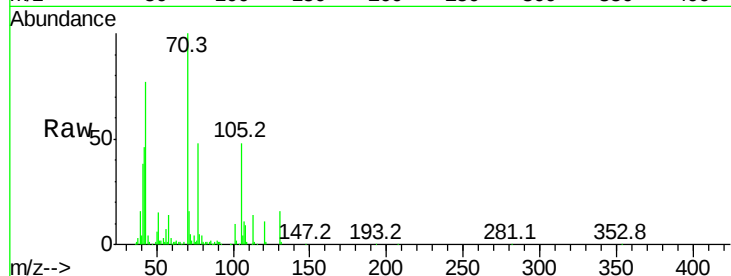
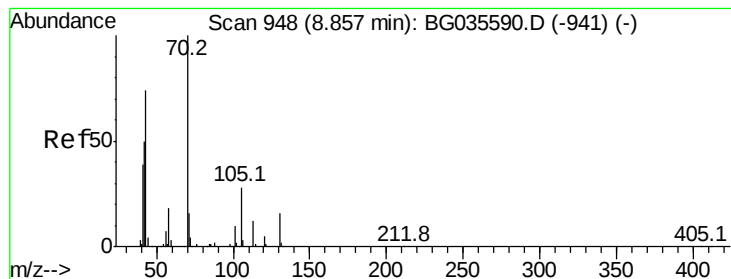
Sohil
7/19/2018 3:45:24 PM



#18
Hexachloroethane
Concen: 42.729 ng
RT: 9.12 min Scan# 992
Delta R.T. -0.00 min
Lab File: BG035734.D
Acq: 19 Jul 2018 2:03

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	100.3	76.7	115.1	
201	130.8	95.7	143.5	





#19

n-Nitroso-di-n-propylamine

Concen: 36.123 ng

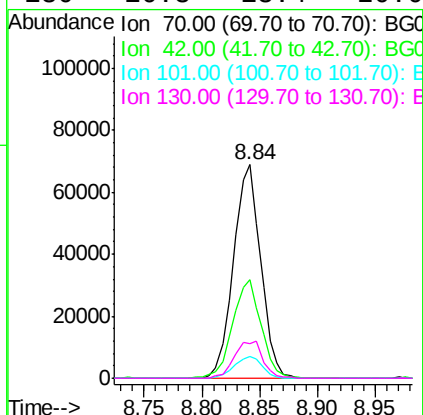
RT: 8.84 min Scan# 945

Delta R.T. 0.00 min

Lab File: BG035734.D

Acq: 19 Jul 2018 2:03

Tot Ion	Ratio	Lower	Upper
70	100		
42	46.2	49.1	73.7#
101	10.1	8.5	12.7
130	16.3	13.4	20.0



Instrument :

BNA_G

ClientSampleId :

PB111232BS

Manual Integrations
APPROVED

Sohil
7/19/2018 3:45:24 PM

#20

3+4-Methylphenols

Concen: 45.917 ng

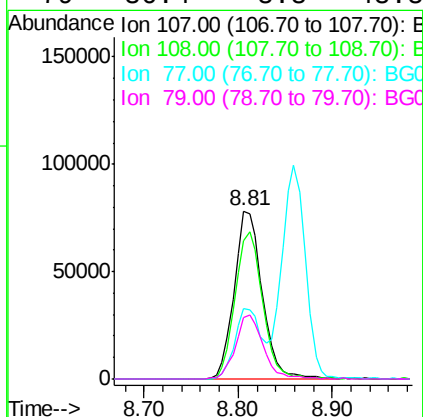
RT: 8.81 min Scan# 939

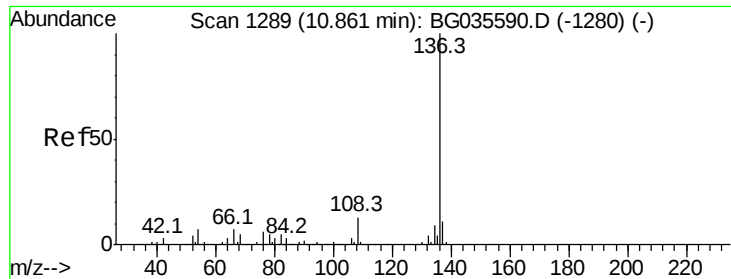
Delta R.T. -0.00 min

Lab File: BG035734.D

Acq: 19 Jul 2018 2:03

Tgt Ion	Ratio	Lower	Upper
107	100		
108	82.2	61.6	101.6
77	41.9	13.9	53.9
79	36.4	8.8	48.8





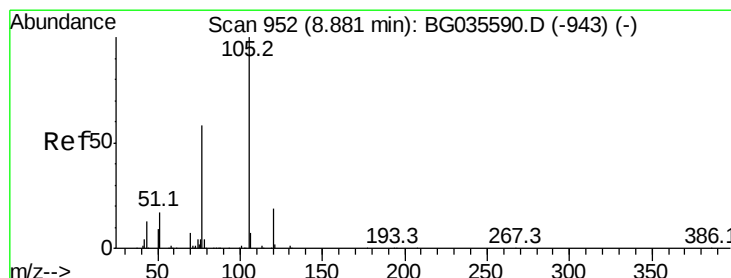
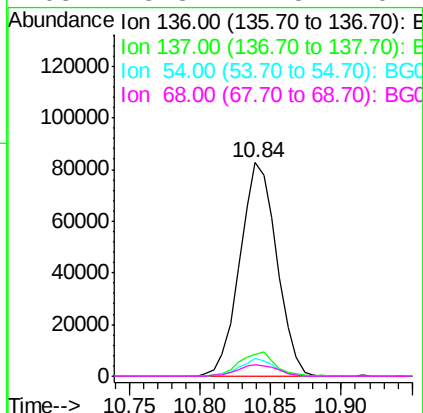
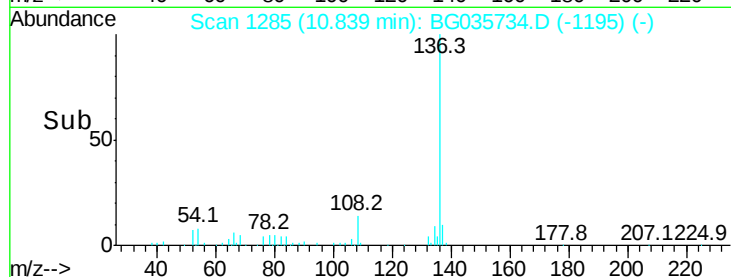
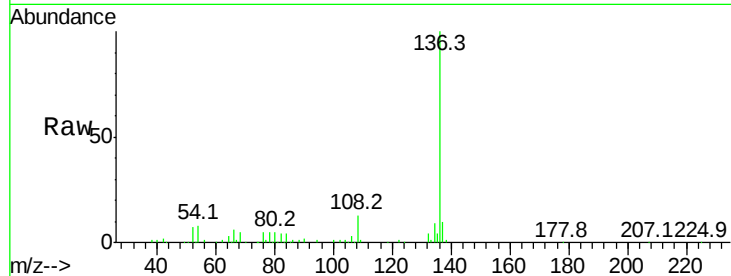
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BG035734.D
Acq: 19 Jul 2018 2:03

Instrument :
BNA_G
ClientSampleId :
PB111232BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.1	9.2	13.8	
54	8.4	10.3	15.5	
68	5.3	4.5	6.7	

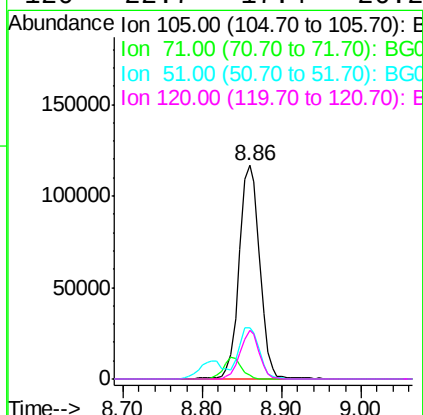
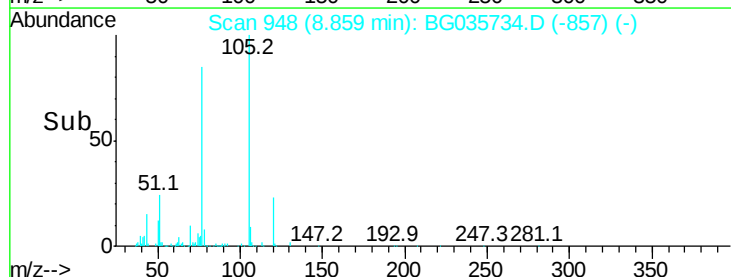
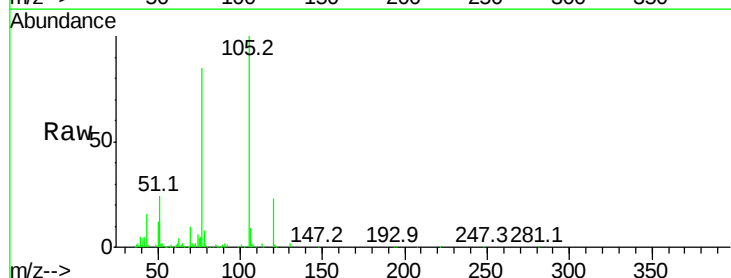
Manual Integrations
APPROVED

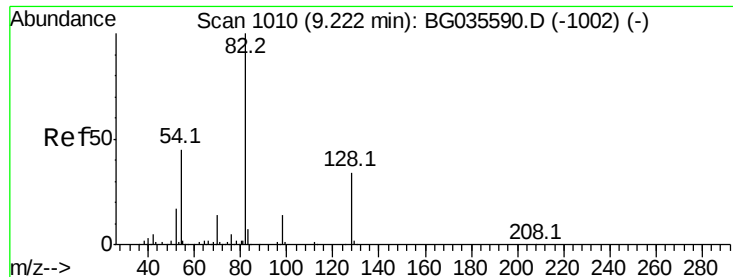
Sohil
7/19/2018 3:45:24 PM



#22
Acetophenone
Concen: 44.520 ng
RT: 8.86 min Scan# 948
Delta R.T. 0.00 min
Lab File: BG035734.D
Acq: 19 Jul 2018 2:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.7	3.0	4.4	
51	23.8	26.1	39.1	
120	22.7	17.4	26.2	





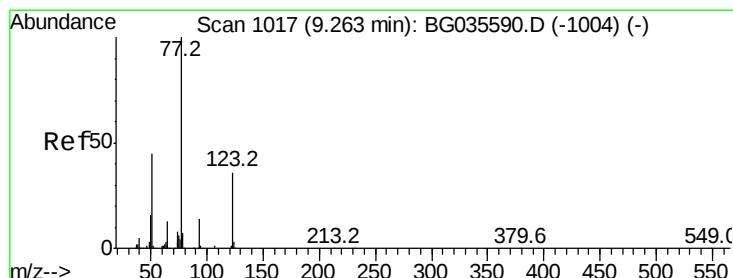
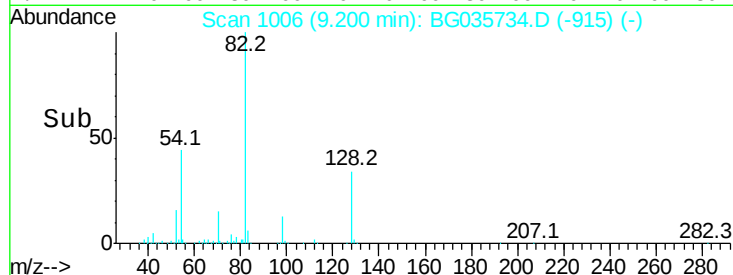
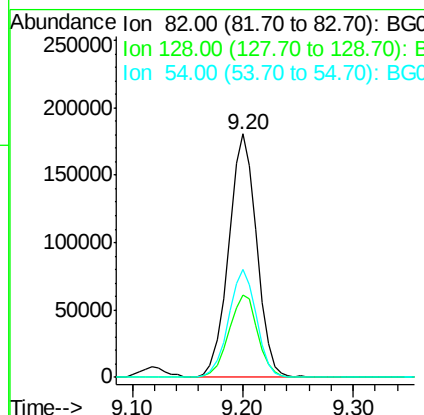
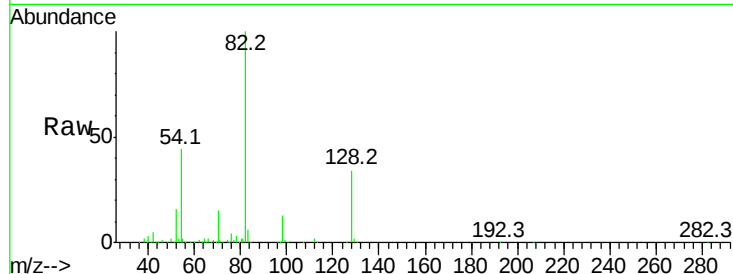
#23
Nitrobenzene-d5
Concen: 88.420 ng
RT: 9.20 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BG035734.D
Acq: 19 Jul 2018 2:03

Instrument :
BNA_G
ClientSampleId :
PB111232BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	33.9	29.7	44.5	
54	44.2	43.1	64.7	

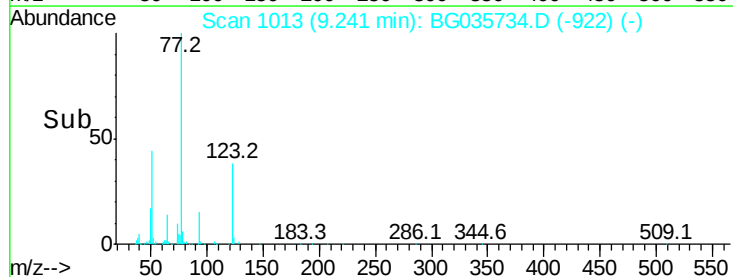
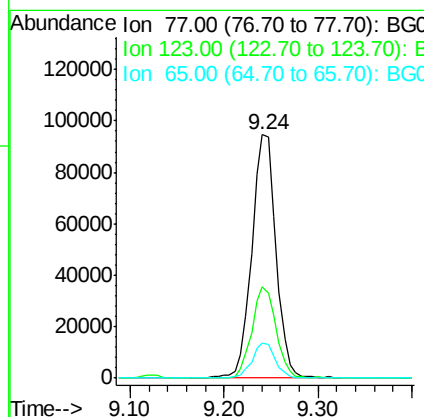
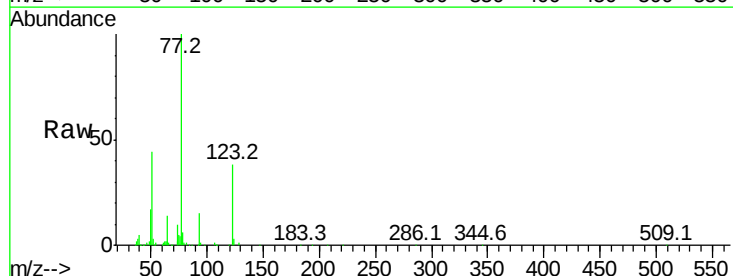
Manual Integrations
APPROVED

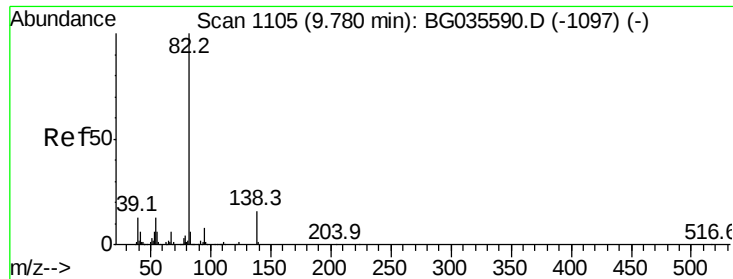
Sohil
7/19/2018 3:45:24 PM



#24
Nitrobenzene
Concen: 46.321 ng
RT: 9.24 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BG035734.D
Acq: 19 Jul 2018 2:03

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	37.7	33.0	49.6	
65	14.2	13.0	19.6	





#25

Isophorone

Concen: 47.369 ng

RT: 9.76 min Scan# 1102

Delta R.T. 0.00 min

Lab File: BG035734.D

Acq: 19 Jul 2018 2:03

Instrument :

BNA_G

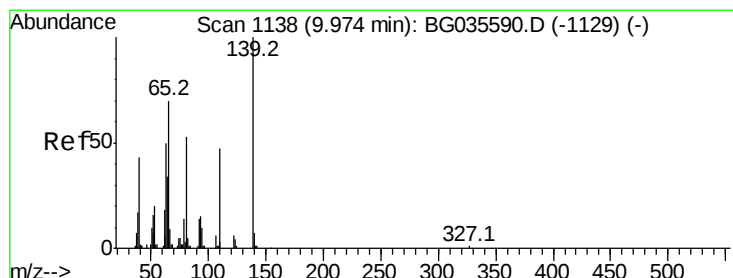
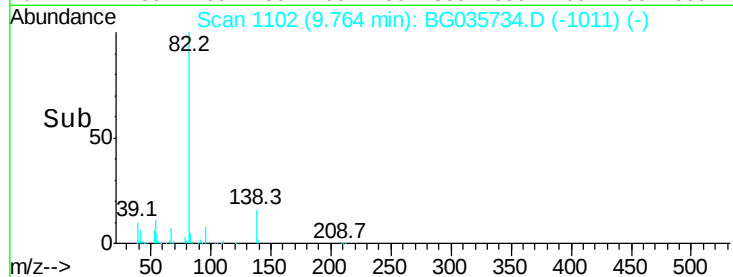
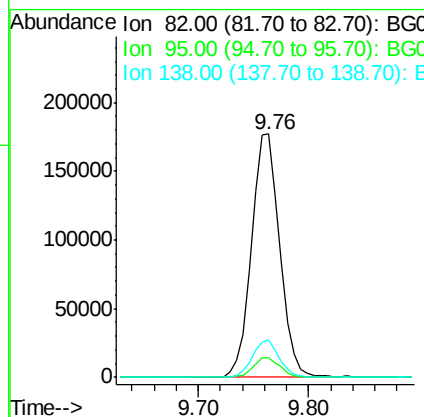
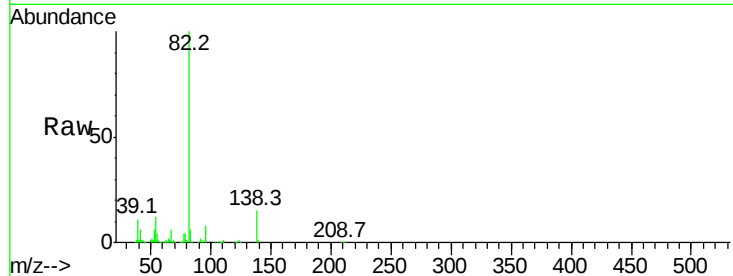
ClientSampleId :

PB111232BS

Tot Ion:	82	Resp:	317671
Ion Ratio	Lower	Upper	
82	100		
95	7.9	6.2	9.2
138	15.2	12.1	18.1

Manual Integrations
APPROVED

Sohil
7/19/2018 3:45:24 PM



#26

2-Nitrophenol

Concen: 54.472 ng

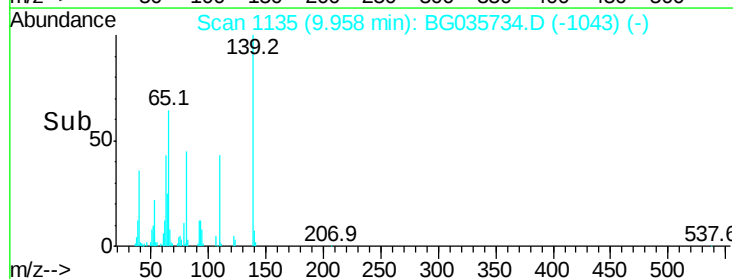
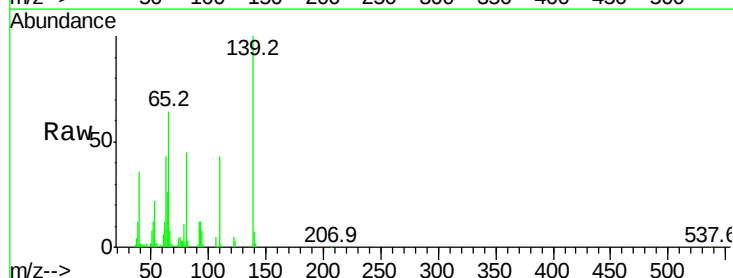
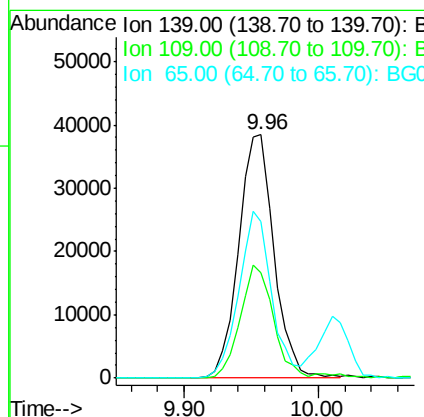
RT: 9.96 min Scan# 1135

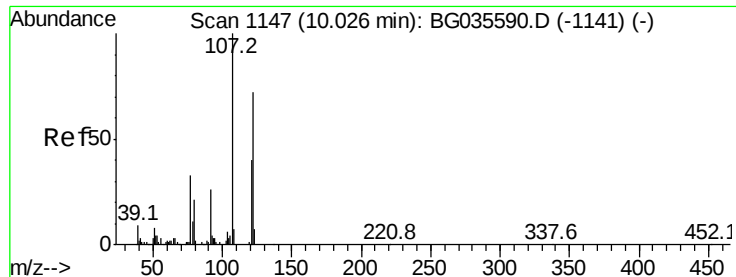
Delta R.T. 0.01 min

Lab File: BG035734.D

Acq: 19 Jul 2018 2:03

Tgt Ion:	139	Resp:	70288
Ion Ratio	Lower	Upper	
139	100		
109	43.3	24.2	36.2#
65	64.5	47.4	71.0





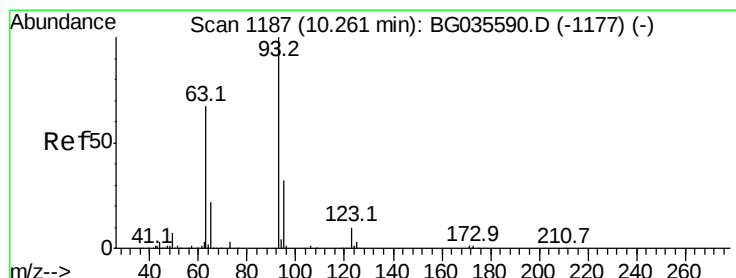
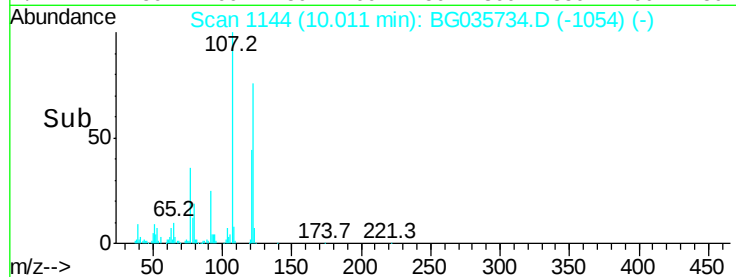
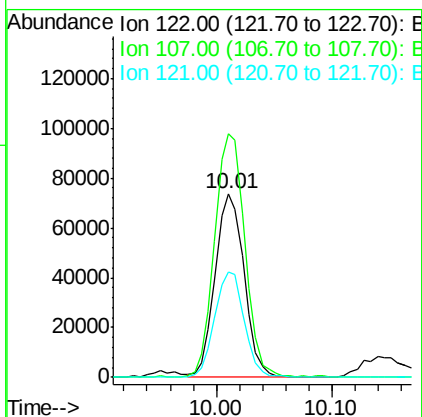
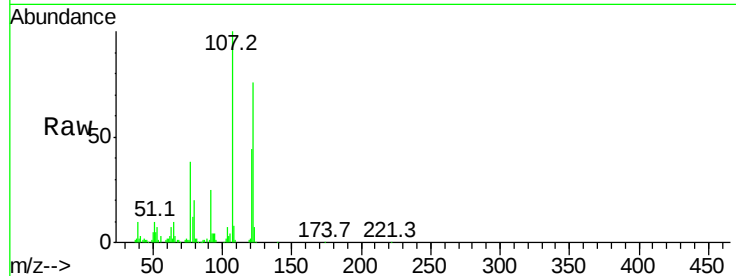
#27
2,4-Dimethylphenol
Concen: 58.854 ng
RT: 10.01 min Scan# 1144
Delta R.T. -0.00 min
Lab File: BG035734.D
Acq: 19 Jul 2018 2:03

Instrument :
BNA_G
ClientSampleId :
PB111232BS

Tot Ion	Ratio	Resp Lower	Resp Upper
122	100		
107	132.3	100.2	150.2
121	57.6	44.4	66.6

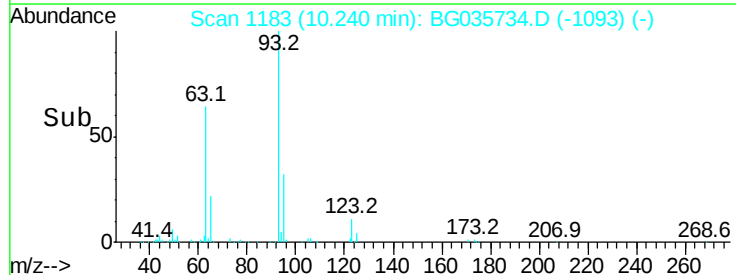
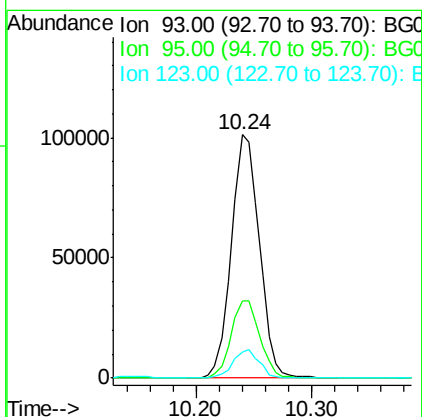
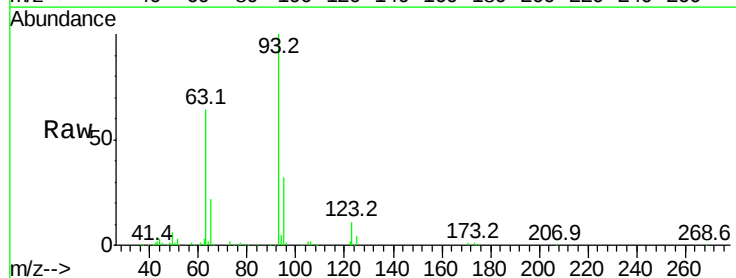
Manual Integrations
APPROVED

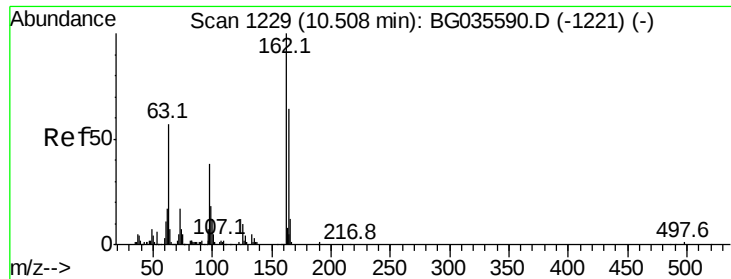
Sohil
7/19/2018 3:45:24 PM



#28
bis(2-Chloroethoxy)methane
Concen: 46.065 ng
RT: 10.24 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BG035734.D
Acq: 19 Jul 2018 2:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
95	31.9	24.3	36.5
123	10.7	8.4	12.6





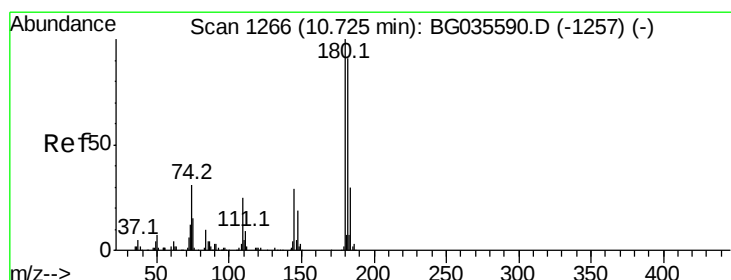
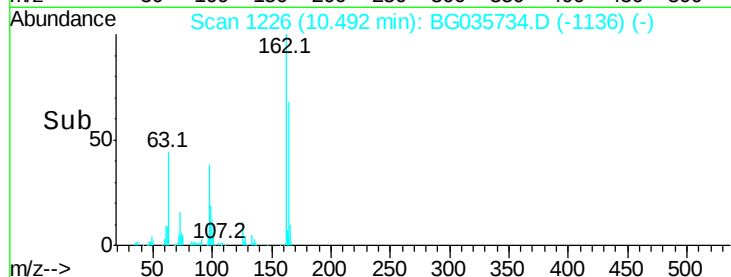
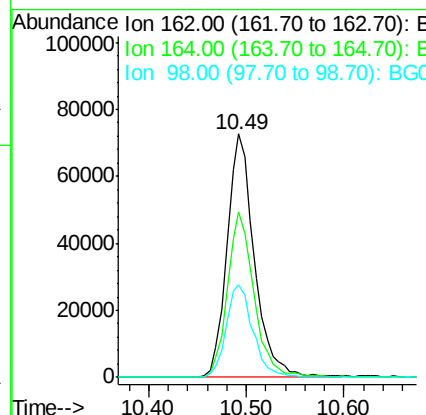
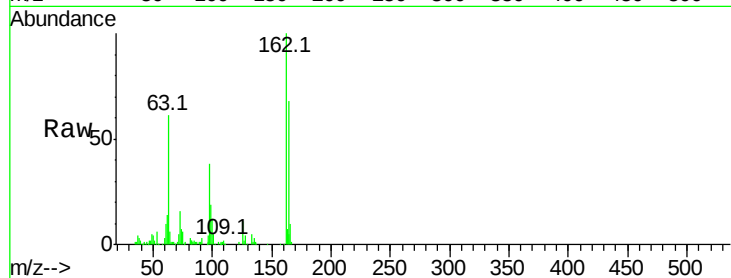
#29
 2,4-Dichlorophenol
 Concen: 56.310 ng
 RT: 10.49 min Scan# 1226
 Delta R.T. -0.00 min
 Lab File: BG035734.D
 Acq: 19 Jul 2018 2:03

Instrument :
 BNA_G
 ClientSampleId :
 PB111232BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	68.0	48.0	88.0
98	38.2	21.1	61.1

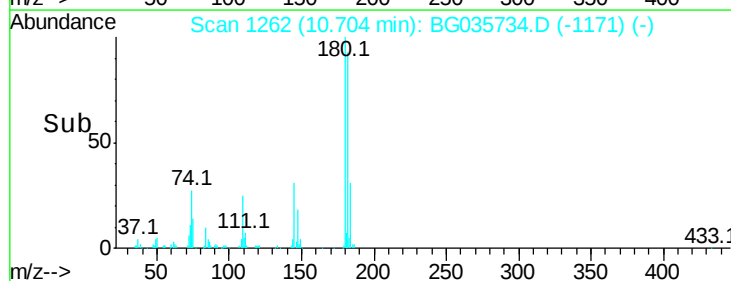
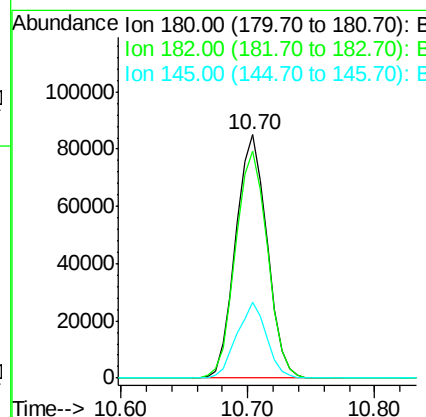
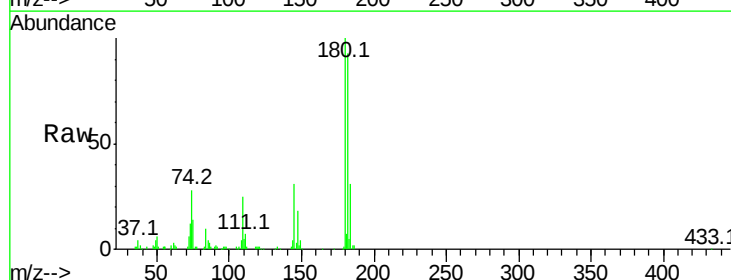
Manual Integrations
 APPROVED

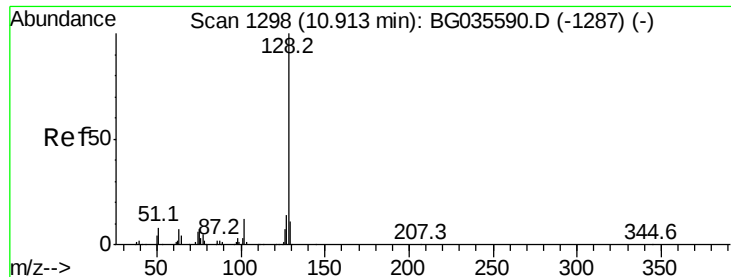
Sohil
 7/19/2018 3:45:24 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 47.514 ng
 RT: 10.70 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: BG035734.D
 Acq: 19 Jul 2018 2:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	93.4	77.5	116.3
145	31.0	23.4	35.2





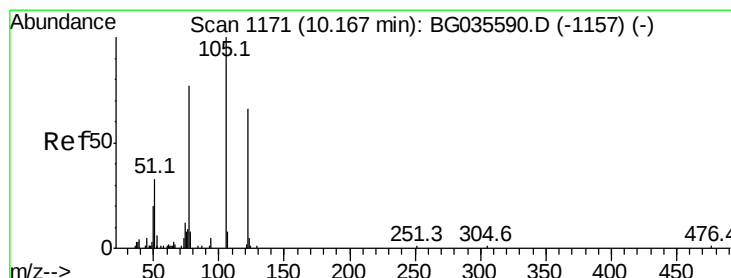
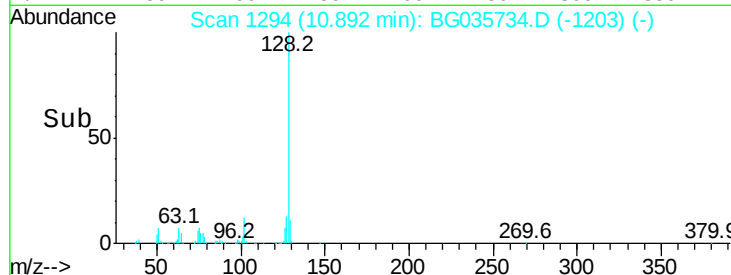
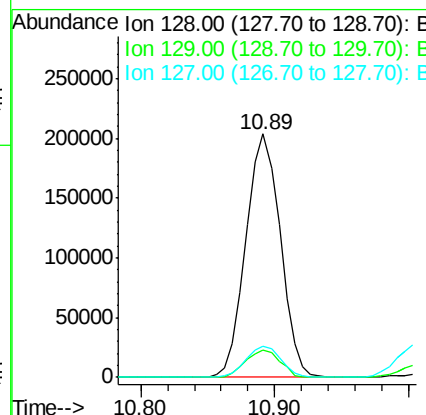
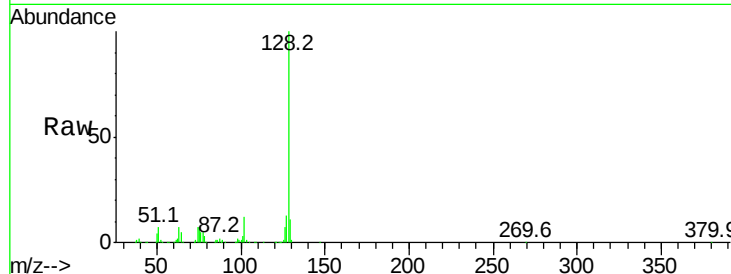
#31
Naphthalene
Concen: 46.268 ng
RT: 10.89 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BG035734.D
Acq: 19 Jul 2018 2:03

Instrument :
BNA_G
ClientSampled :
PB111232BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.3	8.6	12.8	
127	12.9	11.6	17.4	

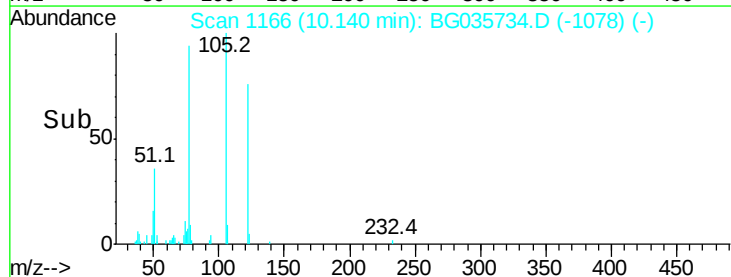
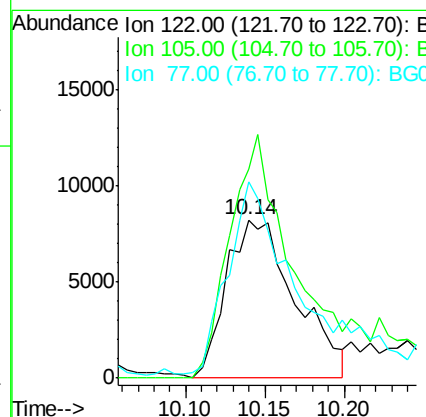
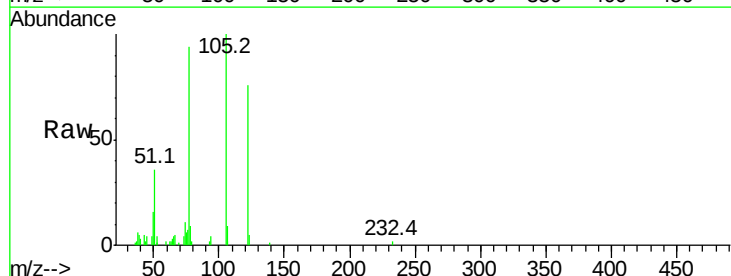
Manual Integrations
APPROVED

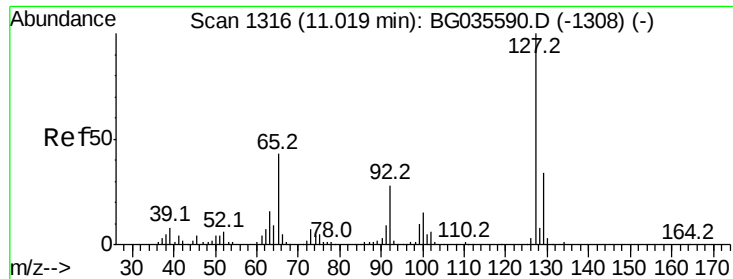
Sohil
7/19/2018 3:45:24 PM



#32
Benzoic acid
Concen: 16.867 ng
RT: 10.14 min Scan# 1166
Delta R.T. -0.02 min
Lab File: BG035734.D
Acq: 19 Jul 2018 2:03

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	131.9	123.5	163.5	
77	123.5	85.7	125.7	





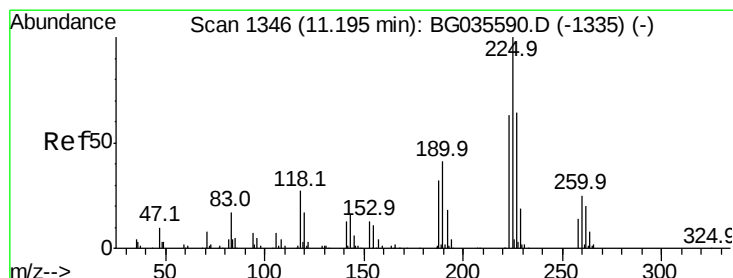
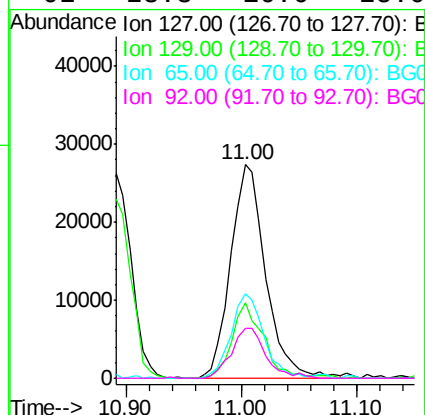
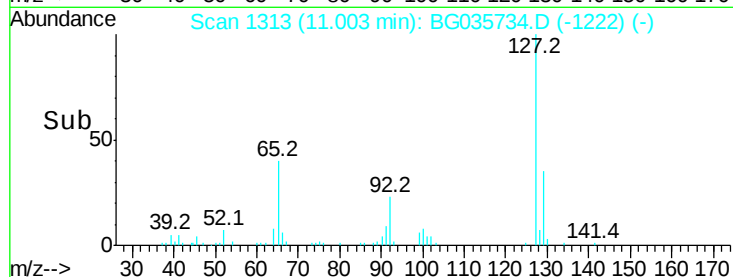
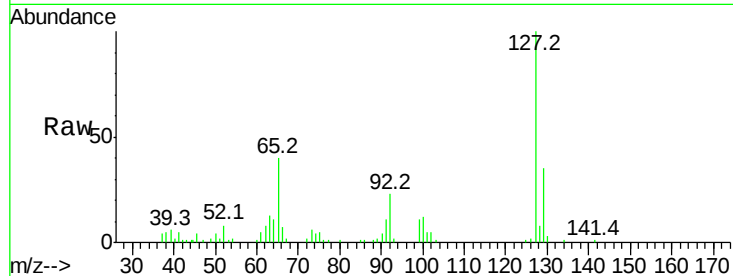
#33
4-Chloroaniline
Concen: 16.787 ng
RT: 11.00 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BG035734.D
Acq: 19 Jul 2018 2:03

Instrument :
BNA_G
ClientSampleId :
PB111232BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	35.3	24.0	36.0
65	39.8	27.0	40.4
92	23.3	16.6	25.0

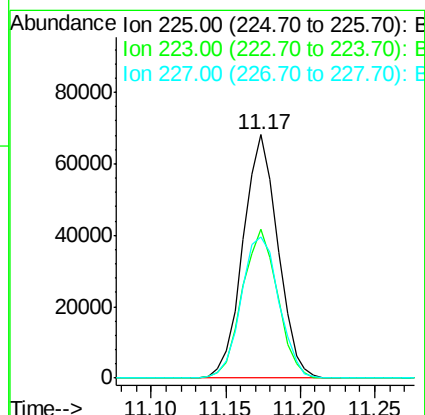
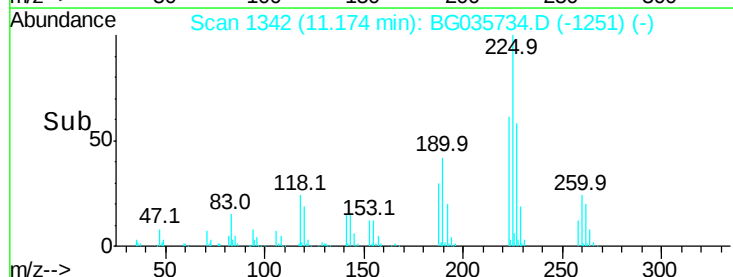
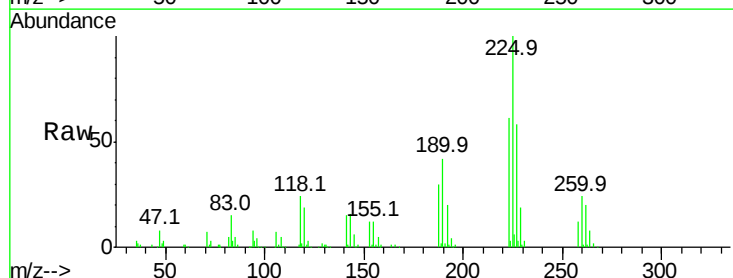
Manual Integrations
APPROVED

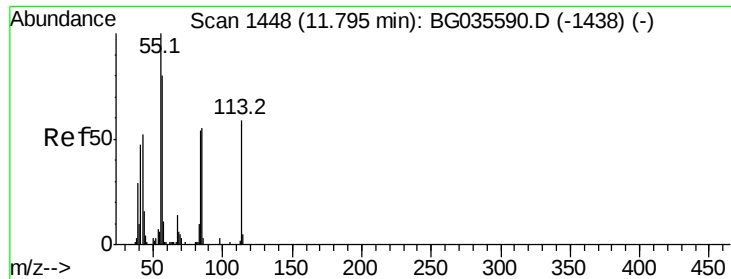
Sohil
7/19/2018 3:45:24 PM



#34
Hexachlorobutadiene
Concen: 46.190 ng
RT: 11.17 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BG035734.D
Acq: 19 Jul 2018 2:03

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.4	49.7	74.5
227	57.9	48.1	72.1





#35

Caprolactam

Concen: 45.053 ng/ml

RT: 11.77 min Scan# 1444

Delta R.T. 0.00 min

Lab File: BG035734.D

Acq: 19 Jul 2018 2:03

Instrument :

BNA_G

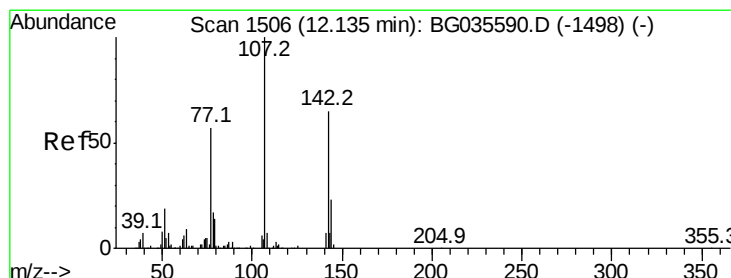
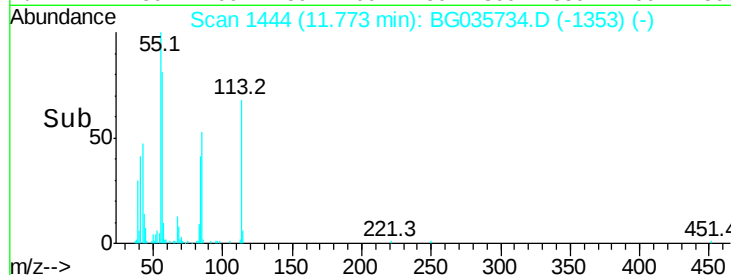
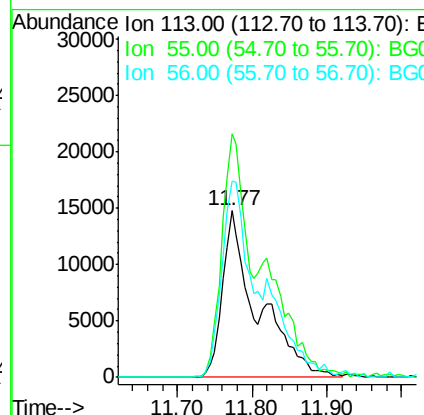
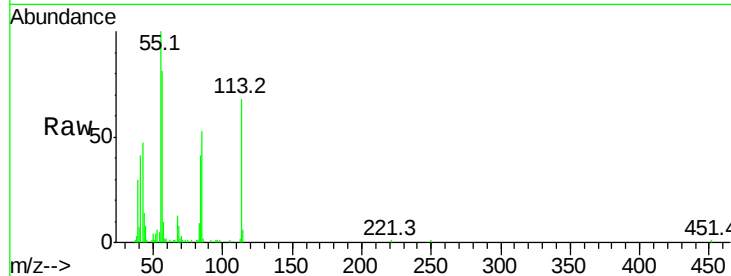
ClientSampleId :

PB111232BS

Tot Ion:	113	Resp:	48205
Ion Ratio	Lower	Upper	
113	100		
55	146.1	186.9	226.9#
56	117.7	130.9	170.9#

Manual Integrations
APPROVED

Sohil
7/19/2018 3:45:24 PM



#36

4-Chloro-3-methylphenol

Concen: 50.989 ng/ml

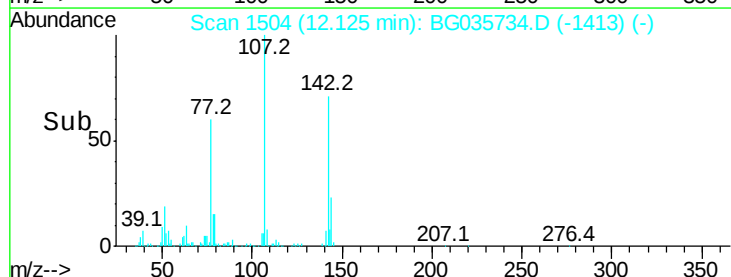
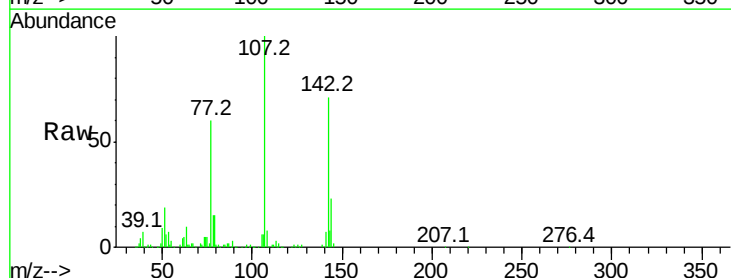
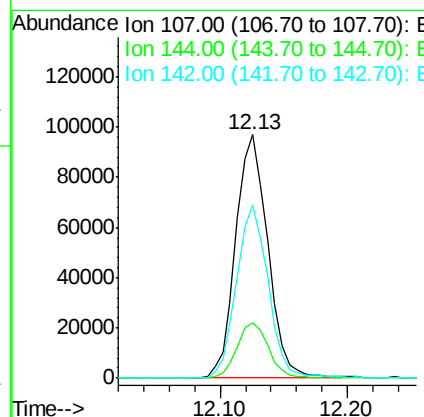
RT: 12.13 min Scan# 1504

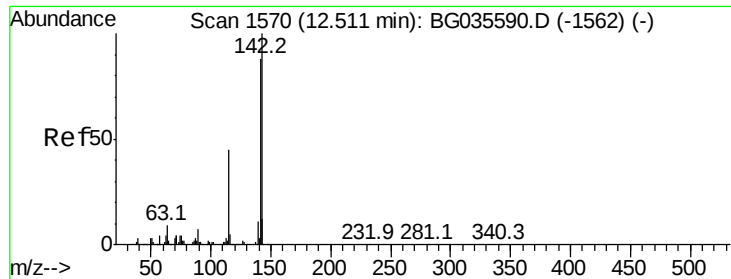
Delta R.T. 0.00 min

Lab File: BG035734.D

Acq: 19 Jul 2018 2:03

Tgt Ion:	107	Resp:	170408
Ion Ratio	Lower	Upper	
107	100		
144	22.8	18.2	27.4
142	71.2	59.0	88.4





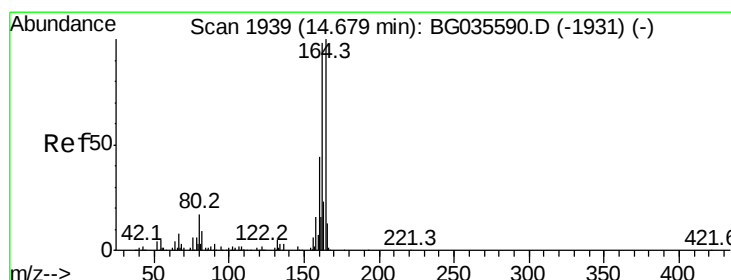
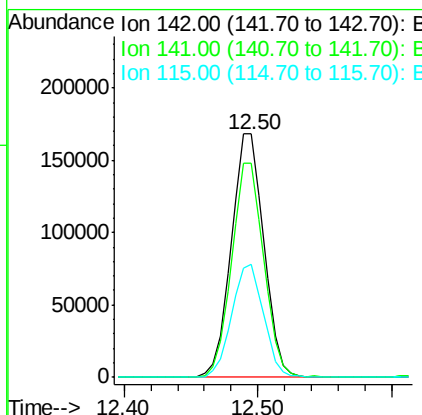
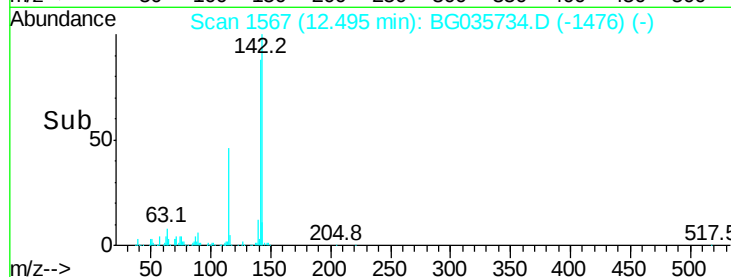
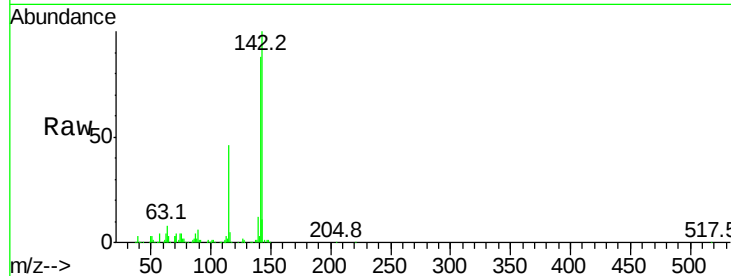
#37
 2-Methylnaphthalene
 Concen: 48.779 ng
 RT: 12.50 min Scan# 1567
 Delta R.T. 0.00 min
 Lab File: BG035734.D
 Acq: 19 Jul 2018 2:03

Instrument :
 BNA_G
 ClientSampleId :
 PB111232BS

Tot Ion	Ratio	Resp Lower	Resp Upper
142	100		
141	88.0	67.1	100.7
115	46.4	30.7	46.1

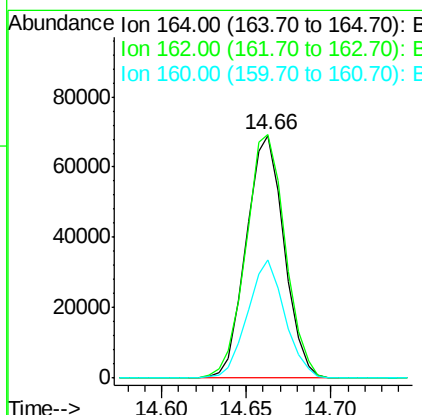
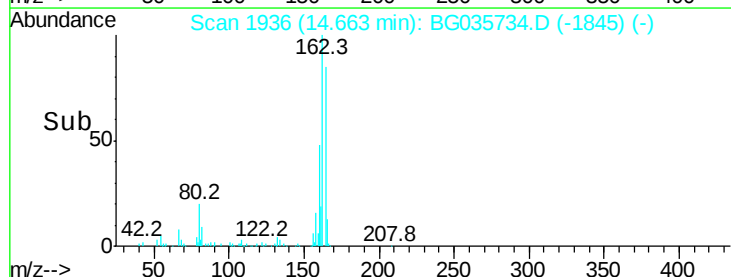
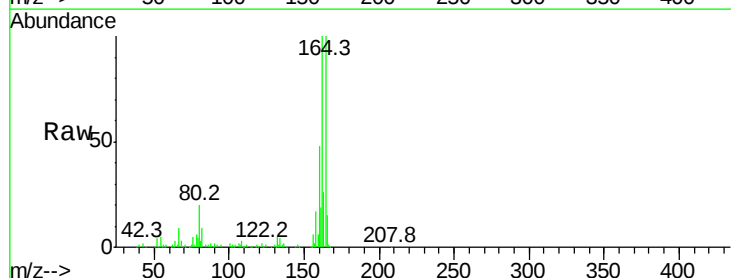
Manual Integrations
 APPROVED

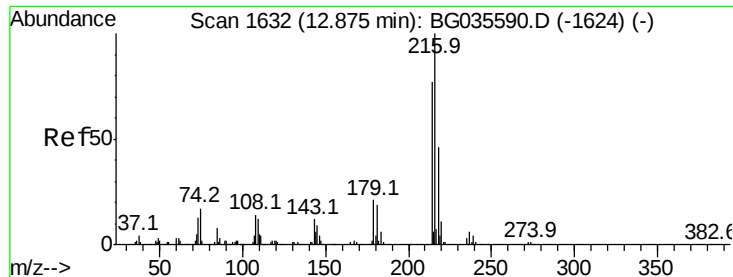
Sohil
 7/19/2018 3:45:24 PM



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: BG035734.D
 Acq: 19 Jul 2018 2:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
162	100.3	78.8	118.2
160	48.6	35.4	53.0





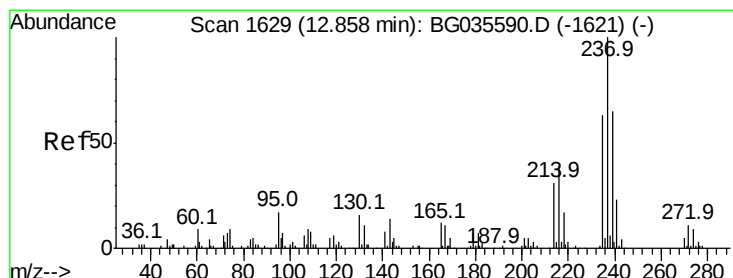
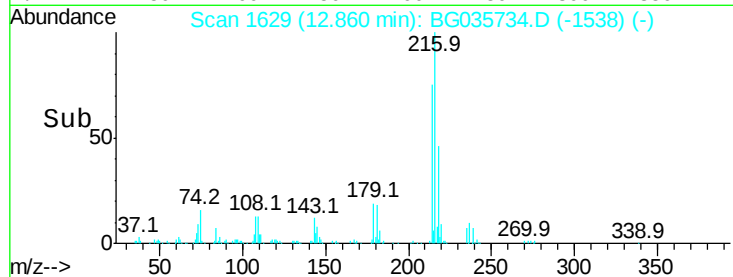
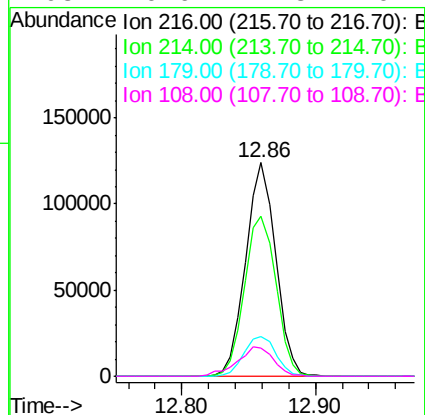
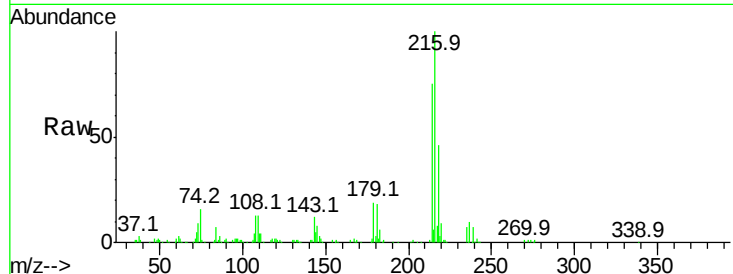
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.414 ng
 RT: 12.86 min Scan# 1629
 Delta R.T. 0.00 min
 Lab File: BG035734.D
 Acq: 19 Jul 2018 2:03

Instrument :
 BNA_G
 ClientSampleId :
 PB111232BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.9	63.0	94.4
179	20.1	17.0	25.6
108	16.6	12.8	19.2

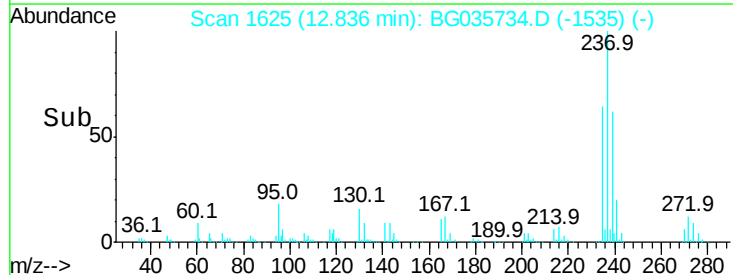
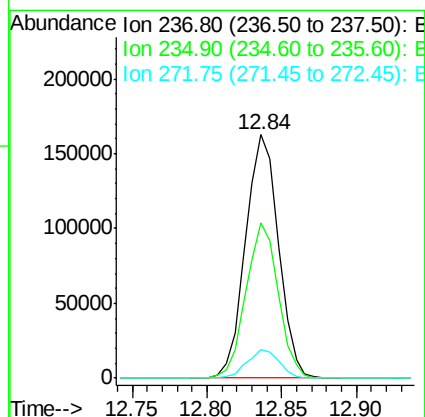
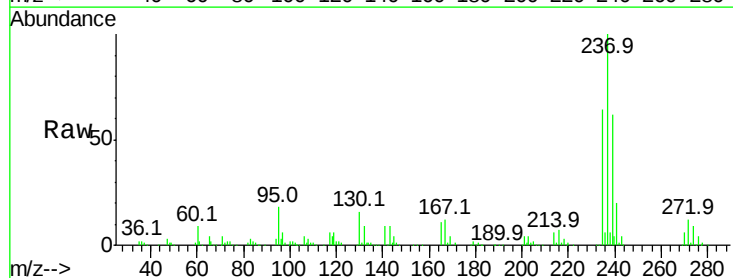
Manual Integrations
 APPROVED

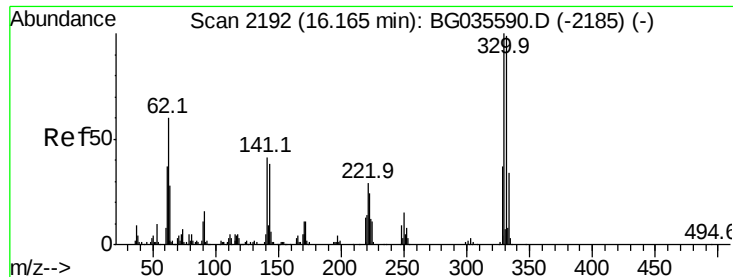
Sohil
 7/19/2018 3:45:24 PM



#40
 Hexachlorocyclopentadiene
 Concen: 116.513 ng
 RT: 12.84 min Scan# 1625
 Delta R.T. -0.00 min
 Lab File: BG035734.D
 Acq: 19 Jul 2018 2:03

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.6	50.4	90.4
272	11.7	0.0	31.8





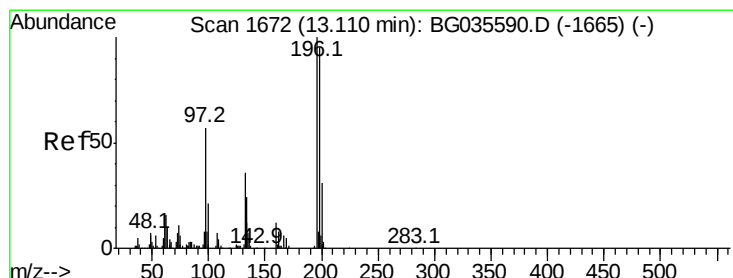
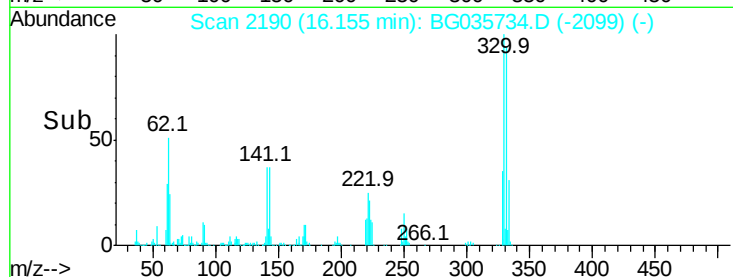
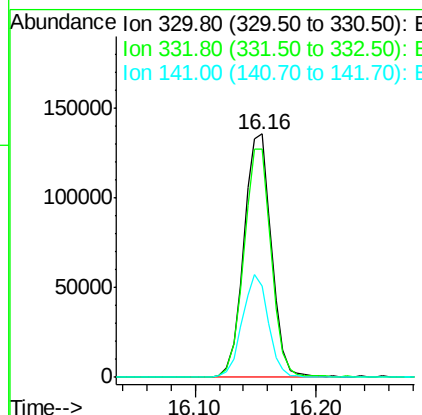
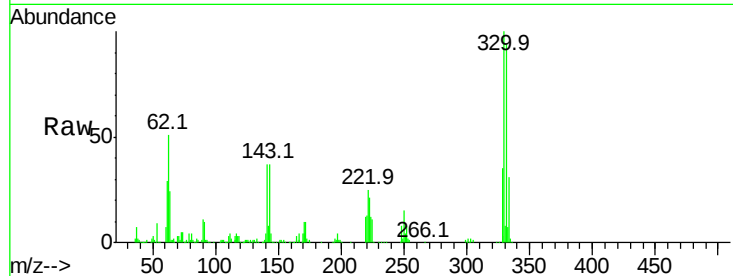
#41
 2,4,6-Tribromophenol
 Concen: 152.398 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. 0.00 min
 Lab File: BG035734.D
 Acq: 19 Jul 2018 2:03

Instrument :
 BNA_G
 ClientSampleId :
 PB111232BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	93.4	77.0	115.6	
141	40.4	25.2	37.8	

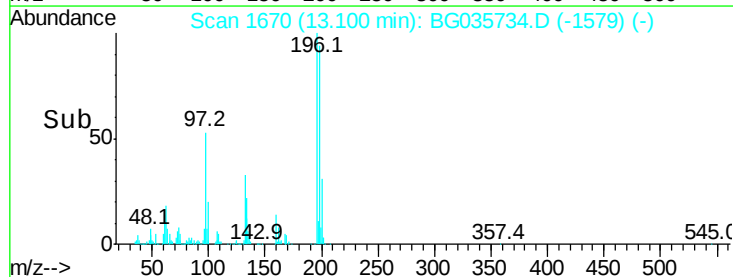
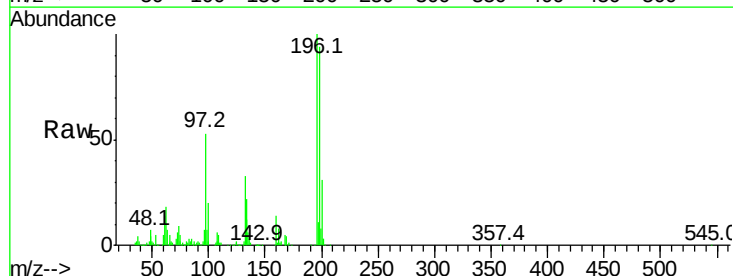
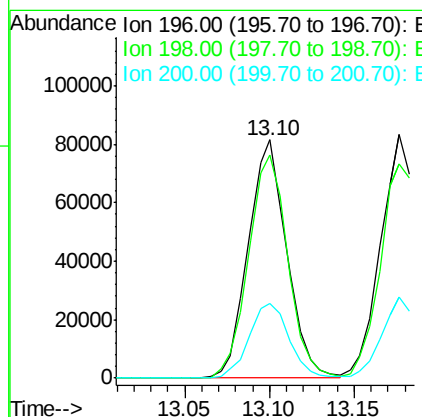
Manual Integrations
 APPROVED

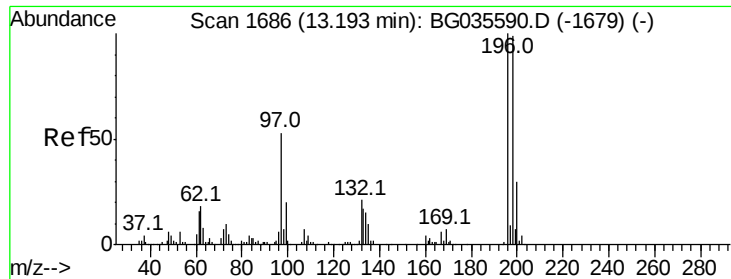
Sohil
 7/19/2018 3:45:24 PM



#42
 2,4,6-Trichlorophenol
 Concen: 54.411 ng
 RT: 13.10 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: BG035734.D
 Acq: 19 Jul 2018 2:03

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	93.7	78.2	117.2	
200	31.3	24.6	36.8	





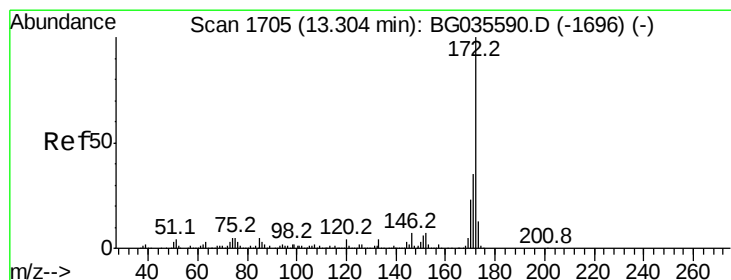
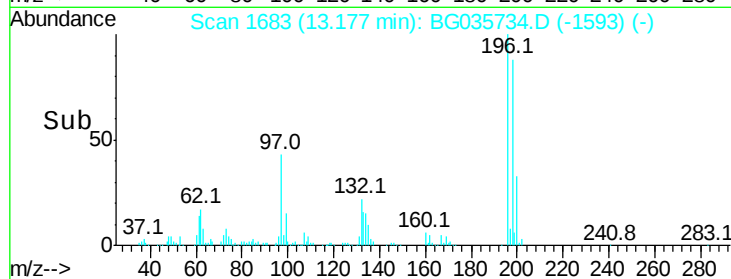
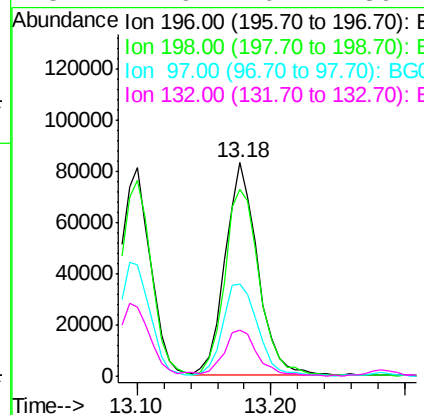
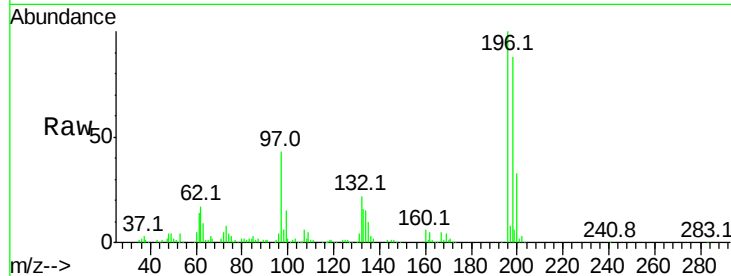
#43
 2,4,5-Trichlorophenol
 Concen: 53.527 ng
 RT: 13.18 min Scan# 1683
 Delta R.T. -0.00 min
 Lab File: BG035734.D
 Acq: 19 Jul 2018 2:03

Instrument :
 BNA_G
 ClientSampleId :
 PB111232BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		141783		
198	87.7	76.2	114.4		
97	43.4	38.7	58.1		
132	21.9	20.2	30.2		

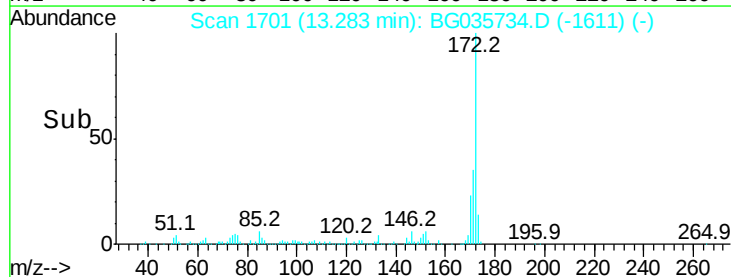
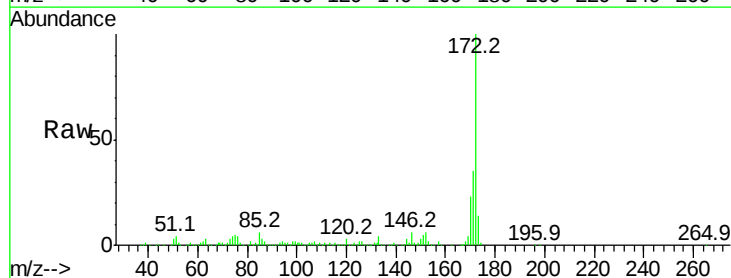
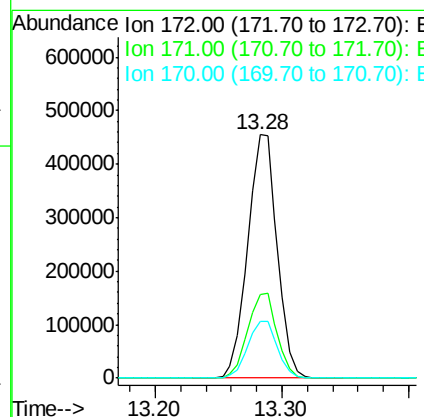
Manual Integrations
 APPROVED

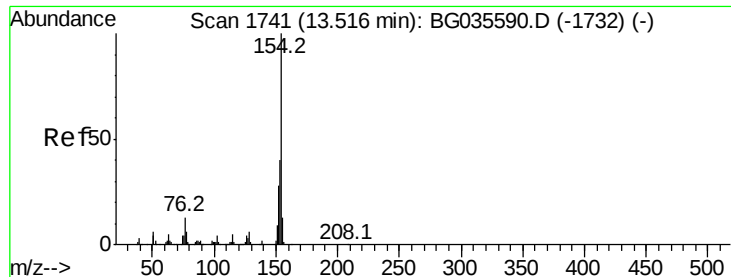
Sohil
 7/19/2018 3:45:24 PM



#44
 2-Fluorobiphenyl
 Concen: 91.358 ng
 RT: 13.28 min Scan# 1701
 Delta R.T. -0.00 min
 Lab File: BG035734.D
 Acq: 19 Jul 2018 2:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		731500		
171	34.6	30.0	45.0		
170	23.1	19.5	29.3		





#45

1,1'-Biphenyl

Concen: 47.674 ng

RT: 13.49 min Scan# 1737

Delta R.T. -0.00 min

Lab File: BG035734.D

Acq: 19 Jul 2018 2:03

Instrument :

BNA_G

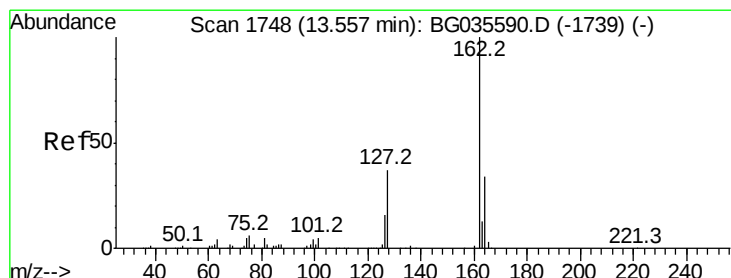
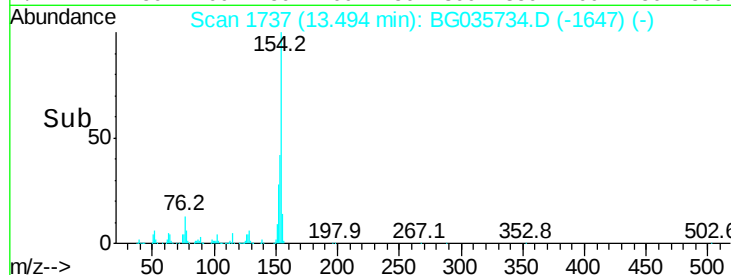
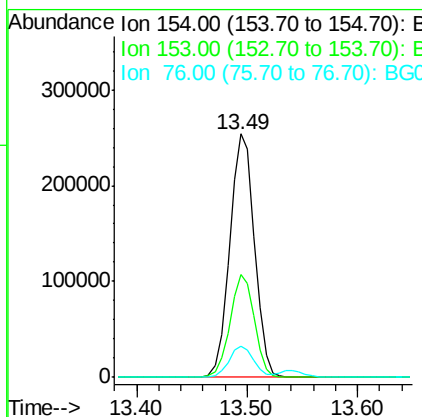
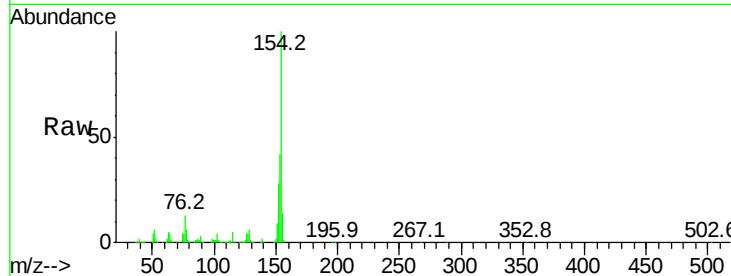
ClientSampleId :

PB111232BS

Tot Ion:	154	Resp:	396492
Ion Ratio	Lower	Upper	
154	100		
153	42.4	19.8	59.8
76	12.8	0.0	31.9

Manual Integrations
APPROVED

Sohil
7/19/2018 3:45:24 PM



#46

2-Chloronaphthalene

Concen: 48.152 ng

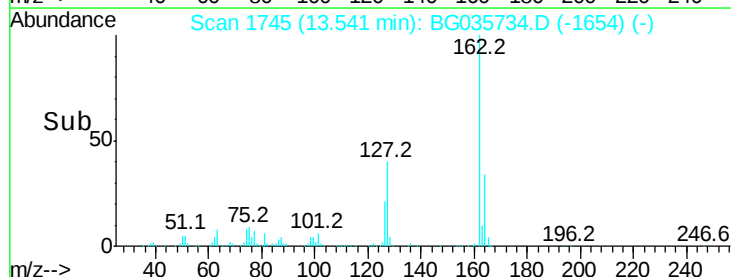
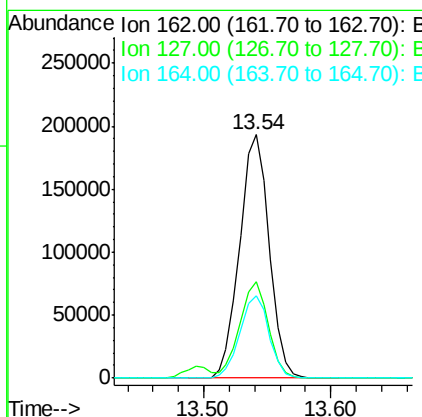
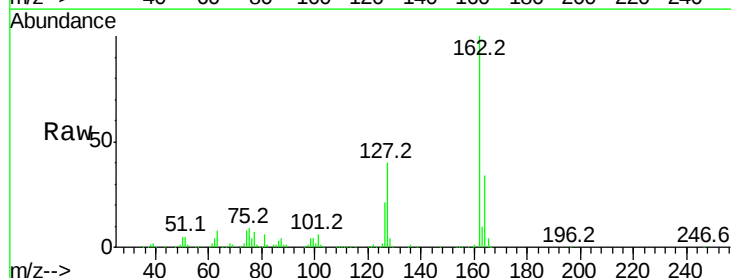
RT: 13.54 min Scan# 1745

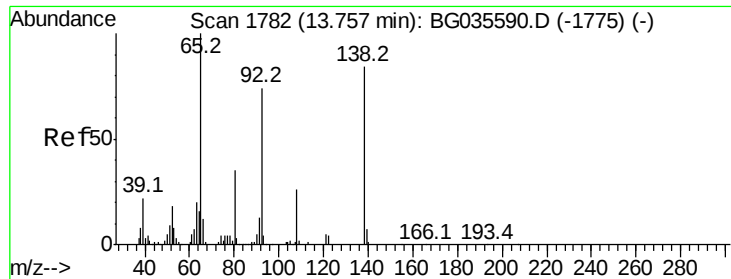
Delta R.T. 0.00 min

Lab File: BG035734.D

Acq: 19 Jul 2018 2:03

Tgt Ion:	162	Resp:	311506
Ion Ratio	Lower	Upper	
162	100		
127	39.9	30.7	46.1
164	33.9	26.0	39.0





#47

2-Nitroaniline

Concen: 49.295 ng

RT: 13.75 min Scan# 1780

Delta R.T. 0.00 min

Lab File: BG035734.D

Acq: 19 Jul 2018 2:03

Instrument :

BNA_G

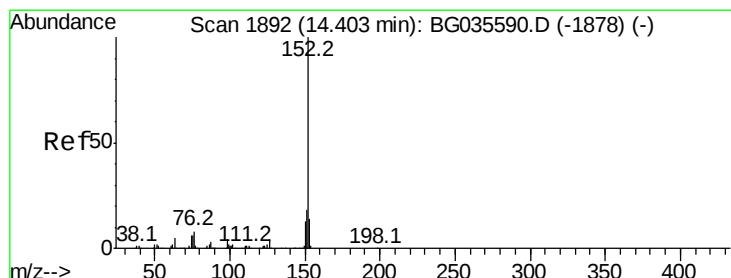
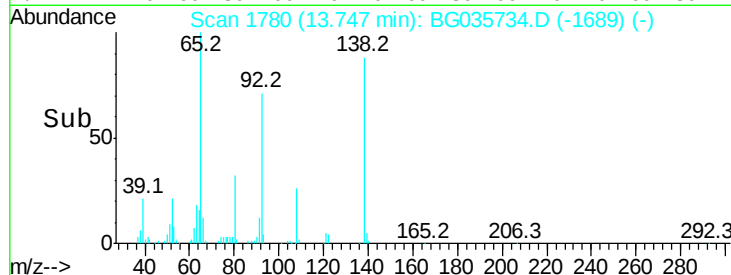
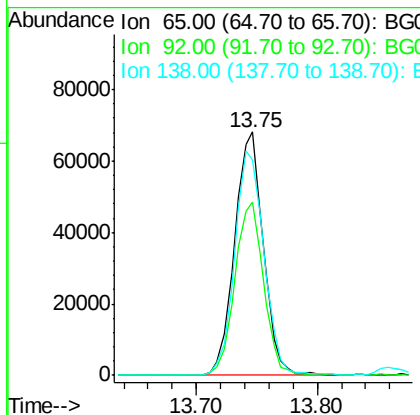
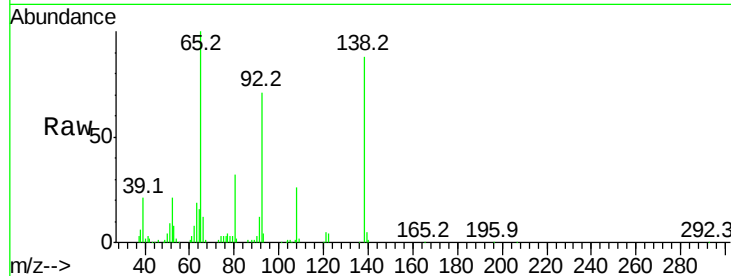
ClientSampleId :

PB111232BS

Tot Ion:	65	Resp:	112741
Ion Ratio	Lower	Upper	
65	100		
92	71.3	54.6	82.0
138	88.3	72.9	109.3

Manual Integrations
APPROVED

Sohil
7/19/2018 3:45:24 PM



#48

Acenaphthylene

Concen: 47.346 ng

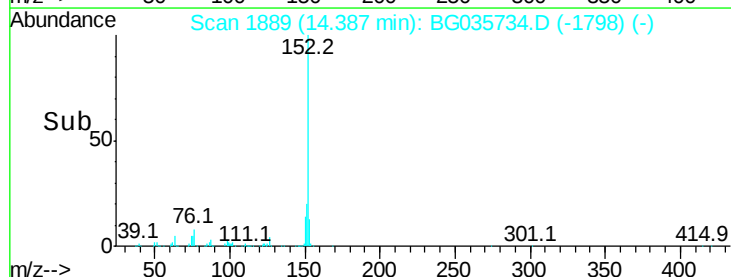
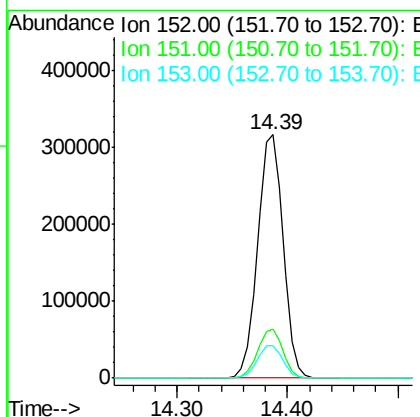
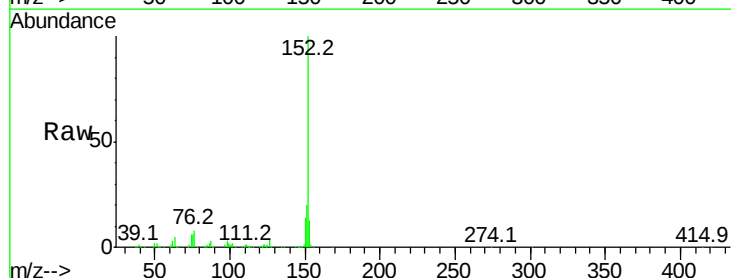
RT: 14.39 min Scan# 1889

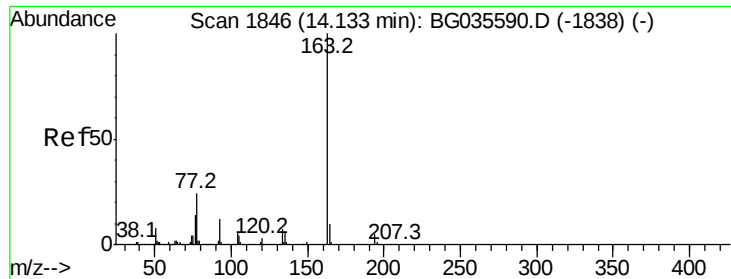
Delta R.T. 0.00 min

Lab File: BG035734.D

Acq: 19 Jul 2018 2:03

Tgt Ion:	152	Resp:	513068
Ion Ratio	Lower	Upper	
152	100		
151	20.4	17.2	25.8
153	13.2	10.2	15.4





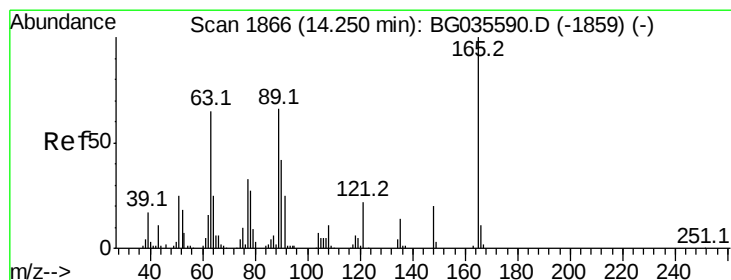
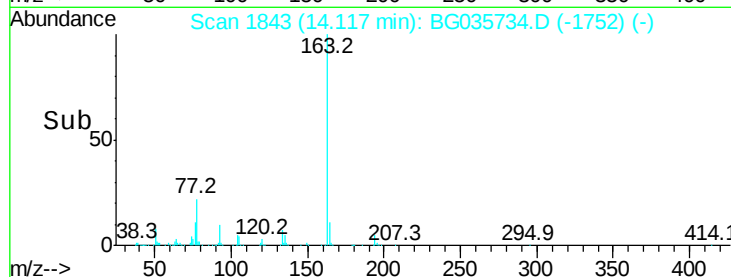
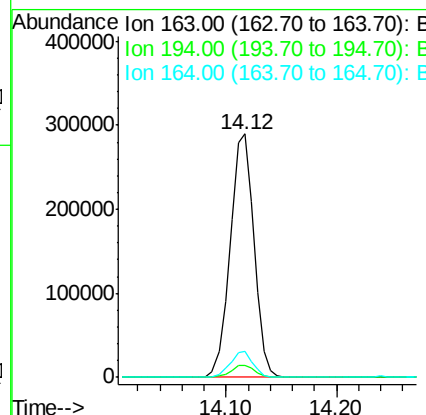
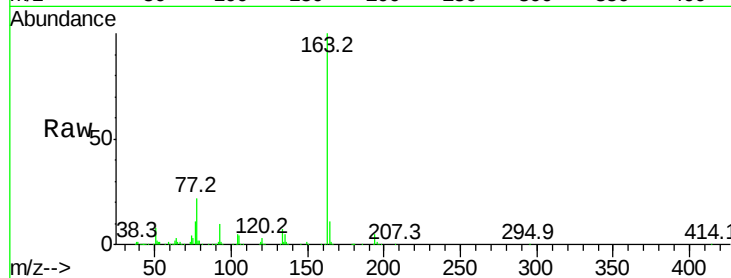
#49
Dimethylphthalate
Concen: 46.488 ng
RT: 14.12 min Scan# 1843
Delta R.T. 0.00 min
Lab File: BG035734.D
Acq: 19 Jul 2018 2:03

Instrument :
BNA_G
ClientSampleId :
PB111232BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.9	3.4	5.2	
164	10.7	8.2	12.4	

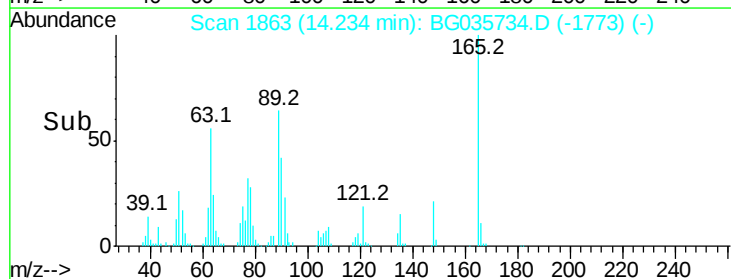
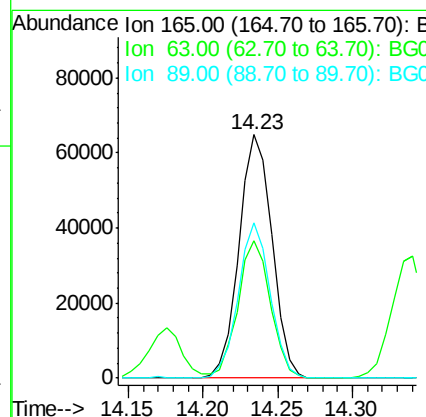
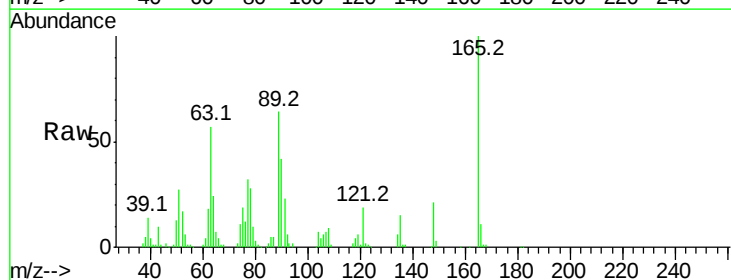
Manual Integrations
APPROVED

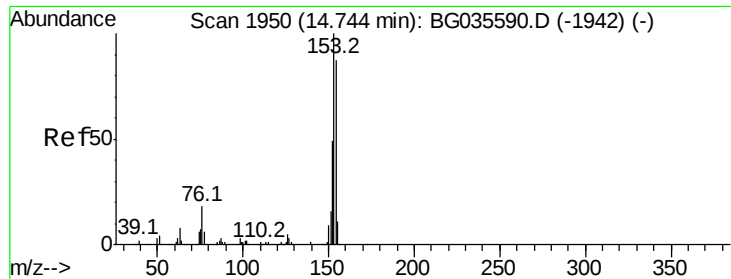
Sohil
7/19/2018 3:45:24 PM



#50
2,6-Dinitrotoluene
Concen: 52.174 ng
RT: 14.23 min Scan# 1863
Delta R.T. -0.00 min
Lab File: BG035734.D
Acq: 19 Jul 2018 2:03

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	56.6	52.7	79.1	
89	63.6	49.2	73.8	





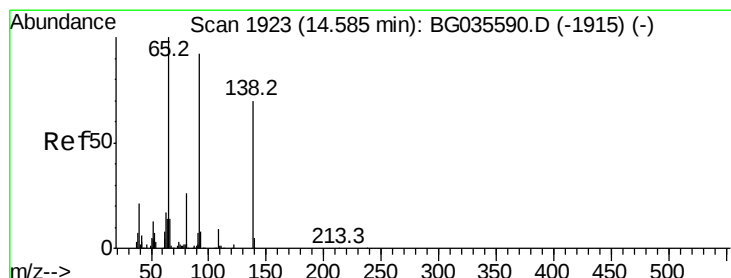
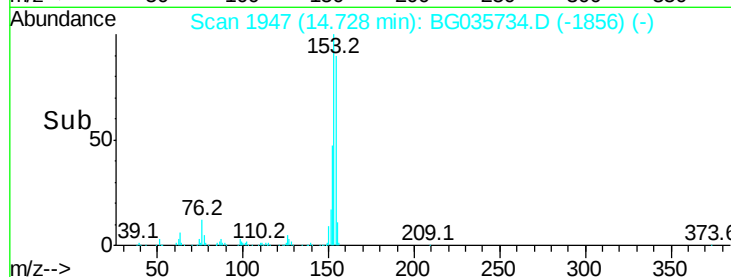
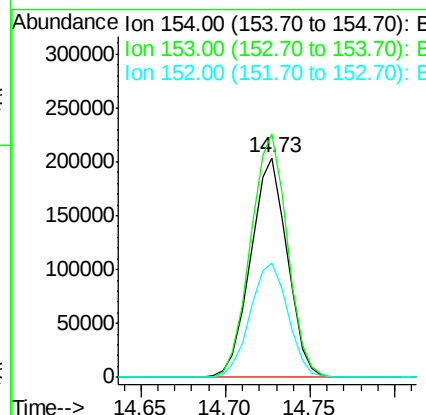
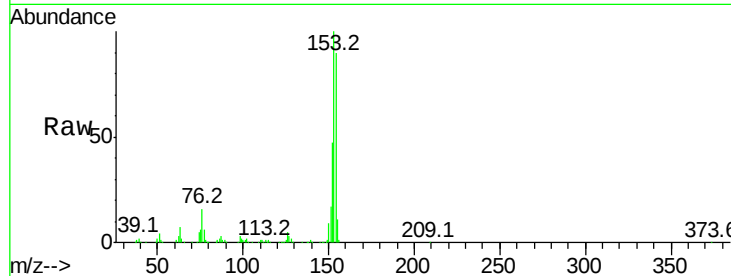
#51
Acenaphthene
Concen: 45.345 ng
RT: 14.73 min Scan# 1947
Delta R.T. 0.00 min
Lab File: BG035734.D
Acq: 19 Jul 2018 2:03

Instrument :
BNA_G
ClientSampleId :
PB111232BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	111.0	90.4	135.6
152	52.1	41.6	62.4

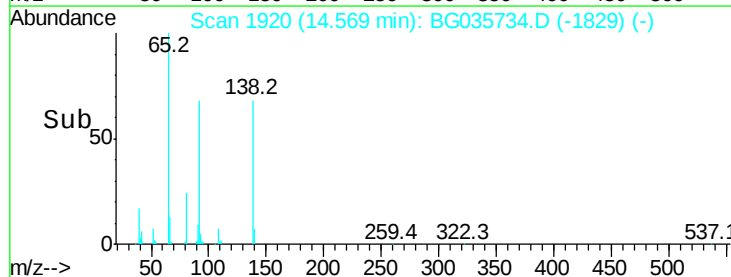
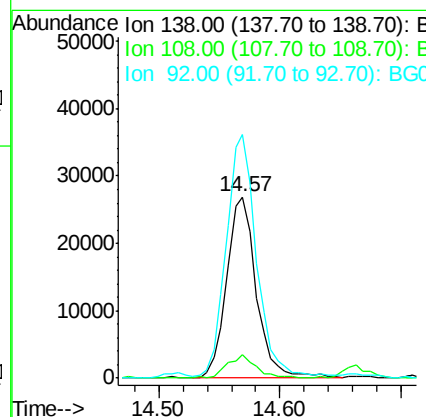
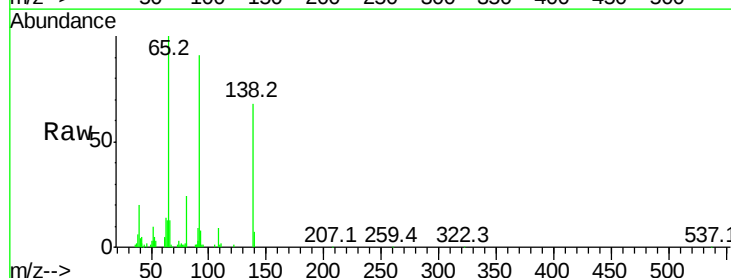
Manual Integrations
APPROVED

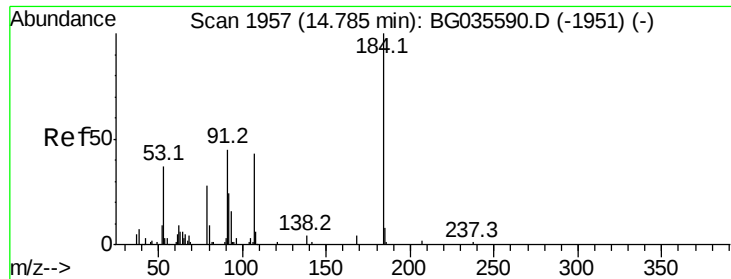
Sohil
7/19/2018 3:45:24 PM



#52
3-Nitroaniline
Concen: 23.496 ng
RT: 14.57 min Scan# 1920
Delta R.T. 0.00 min
Lab File: BG035734.D
Acq: 19 Jul 2018 2:03

Tgt Ion	Ratio	Lower	Upper
138	100		
108	12.9	17.5	26.3#
92	134.2	105.8	158.8





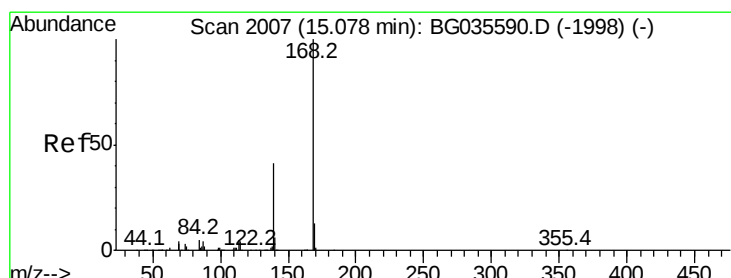
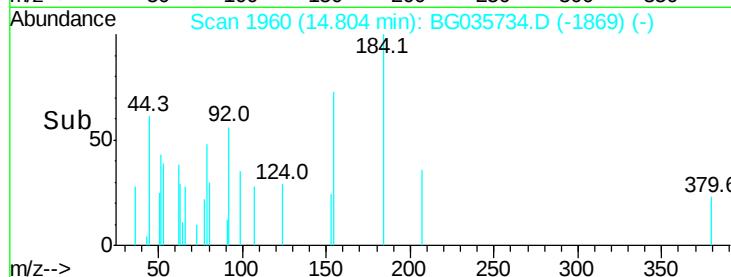
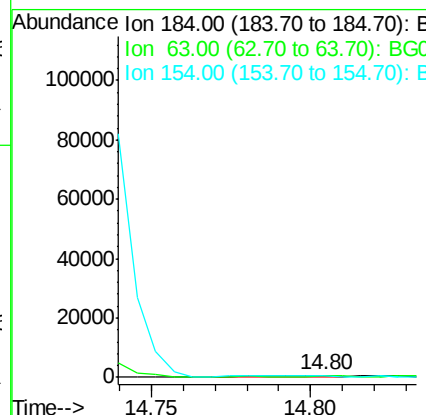
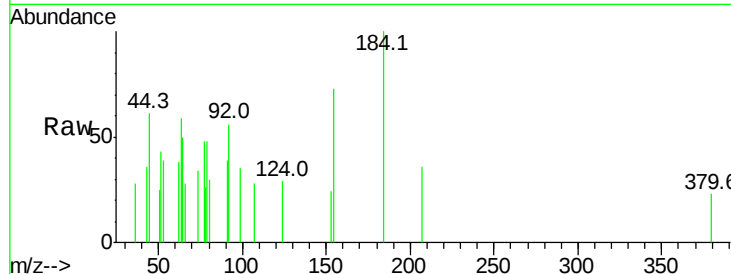
#53
2,4-Dinitrophenol
Concen: 7.553 ng
RT: 14.80 min Scan# 1960
Delta R.T. 0.00 min
Lab File: BG035734.D
Acq: 19 Jul 2018 2:03

Instrument :
BNA_G
ClientSampled :
PB111232BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	59.2	59.8	89.8#
154	73.2	101.8	152.8#

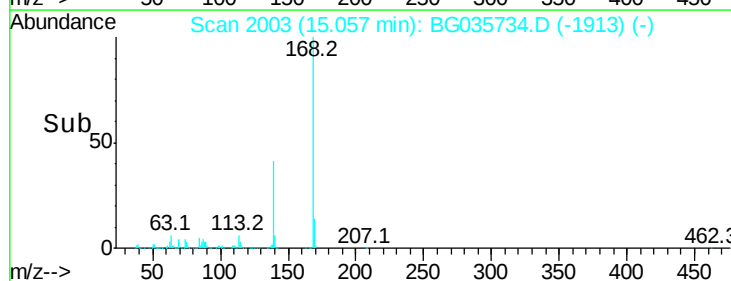
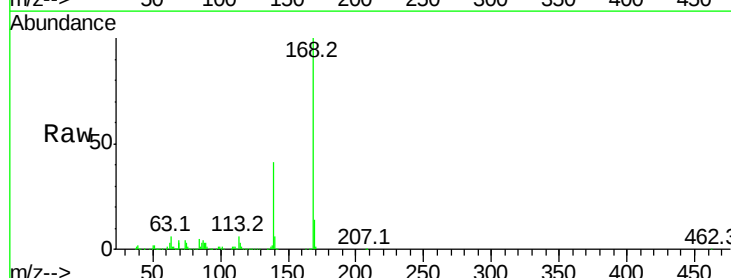
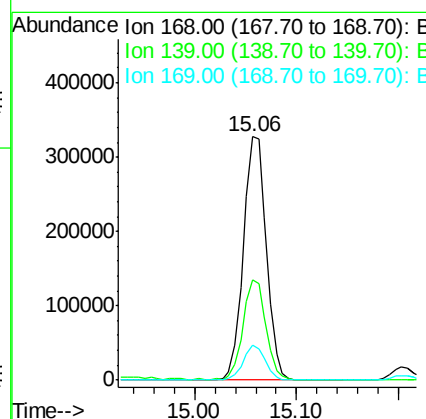
Manual Integrations
APPROVED

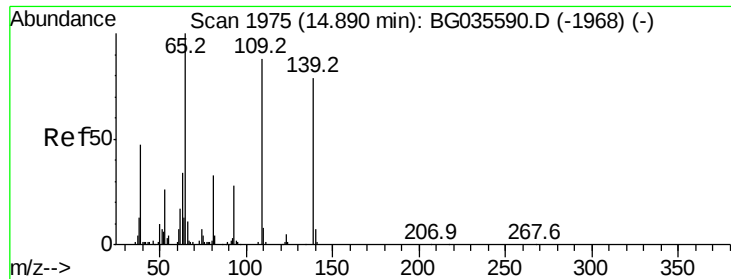
Sohil
7/19/2018 3:45:24 PM



#54
Dibenzofuran
Concen: 47.804 ng
RT: 15.06 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BG035734.D
Acq: 19 Jul 2018 2:03

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.9	28.6	43.0
169	14.1	11.2	16.8





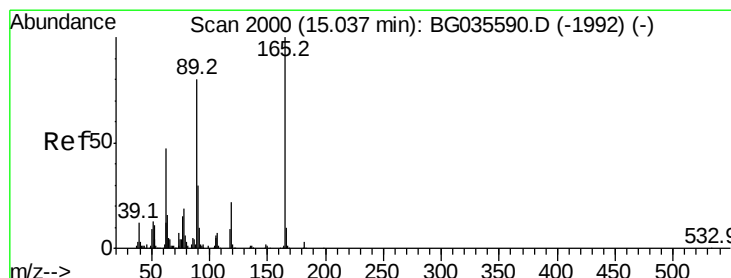
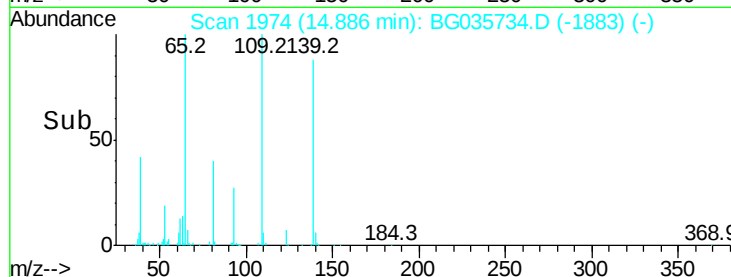
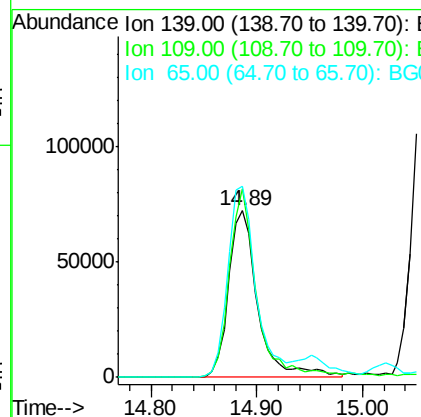
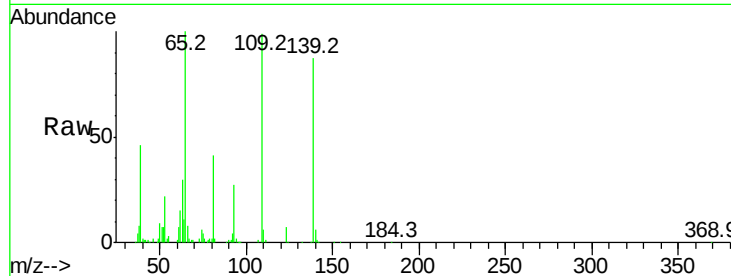
#55
4-Nitrophenol
Concen: 98.856 ng
RT: 14.89 min Scan# 1974
Delta R.T. 0.00 min
Lab File: BG035734.D
Acq: 19 Jul 2018 2:03

Instrument :
BNA_G
ClientSampleId :
PB111232BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	113.0	62.2	102.2#	
65	114.5	97.2	137.2	

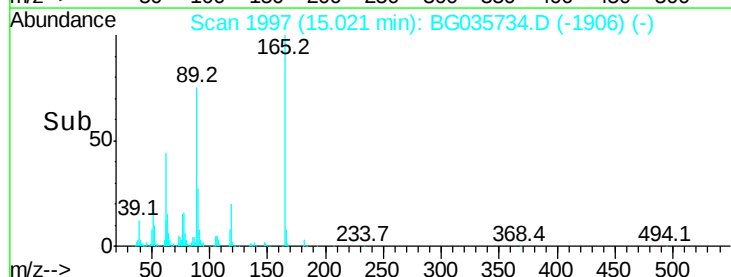
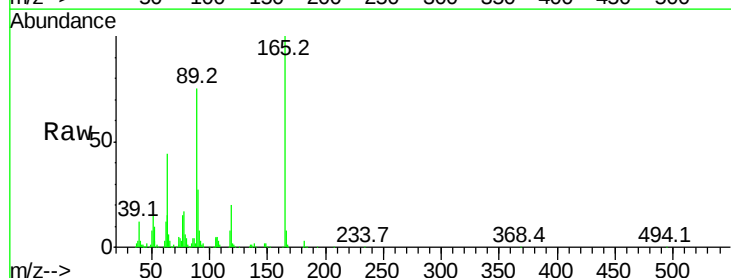
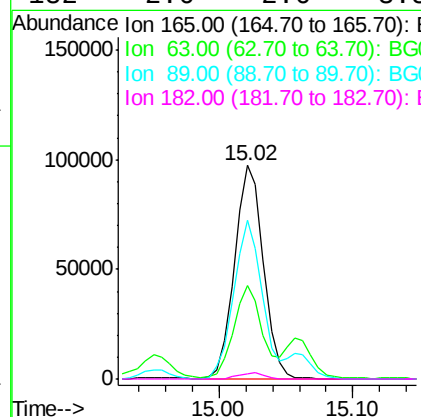
Manual Integrations
APPROVED

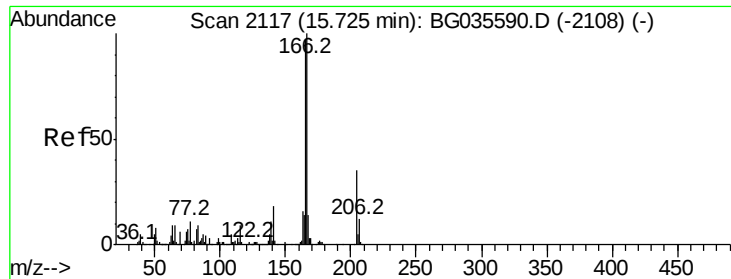
Sohil
7/19/2018 3:45:24 PM



#56
2,4-Dinitrotoluene
Concen: 53.492 ng
RT: 15.02 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BG035734.D
Acq: 19 Jul 2018 2:03

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	44.0	42.0	63.0	
89	74.5	66.9	100.3	
182	2.6	2.6	3.8	





#57

Fluorene

Concen: 47.772 ng

RT: 15.71 min Scan# 2114

Delta R.T. 0.00 min

Lab File: BG035734.D

Acq: 19 Jul 2018 2:03

Instrument :

BNA_G

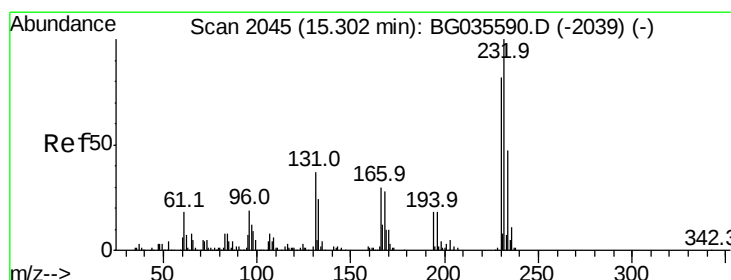
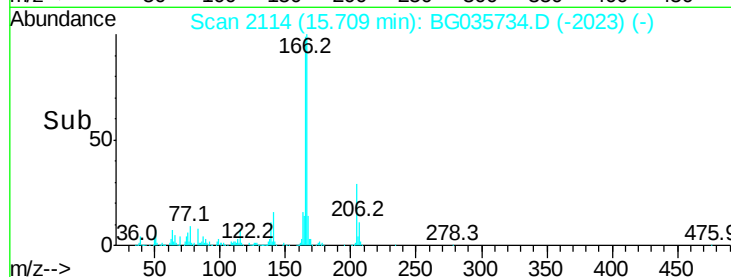
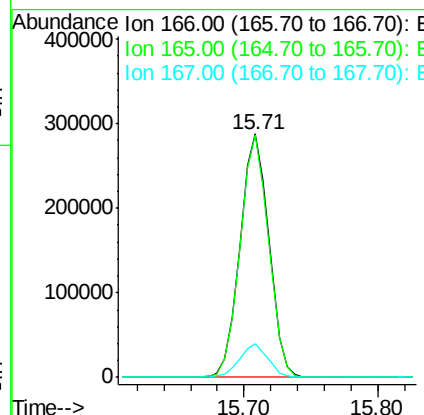
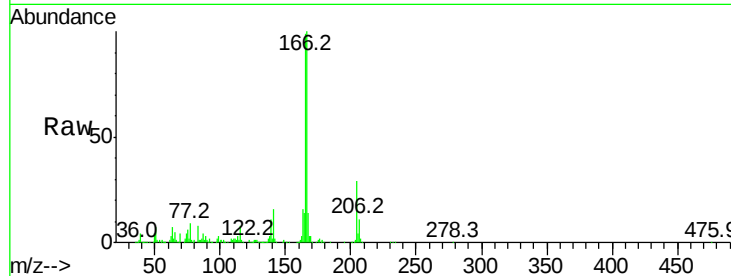
ClientSampleId :

PB111232BS

Tot Ion:	166	Resp:	429856
Ion Ratio	Lower	Upper	
166	100		
165	99.4	80.6	121.0
167	13.7	10.4	15.6

Manual Integrations
APPROVED

Sohil
7/19/2018 3:45:24 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 52.646 ng

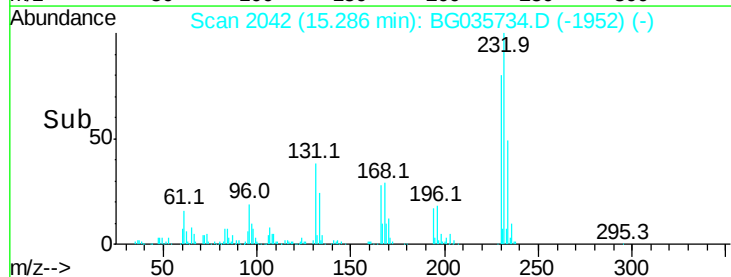
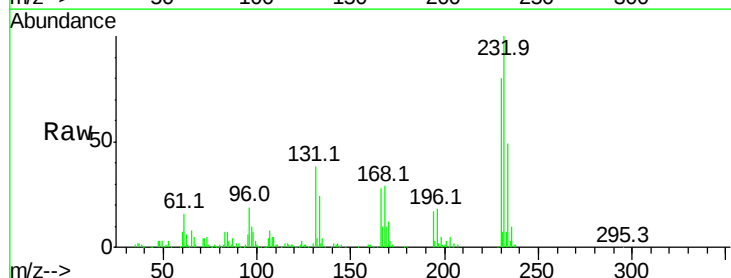
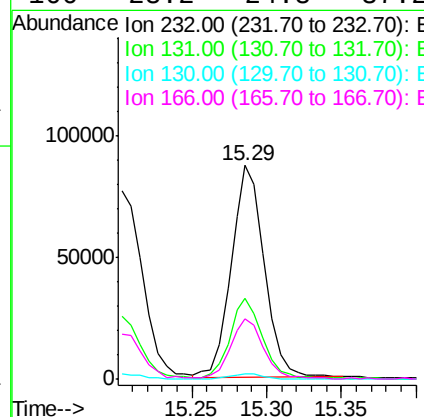
RT: 15.29 min Scan# 2042

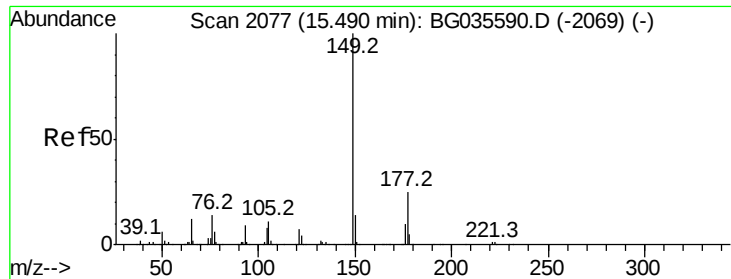
Delta R.T. -0.00 min

Lab File: BG035734.D

Acq: 19 Jul 2018 2:03

Tgt Ion:	232	Resp:	133705
Ion Ratio	Lower	Upper	
232	100		
131	37.3	33.5	50.3
130	2.3	2.2	3.2
166	28.2	24.8	37.2





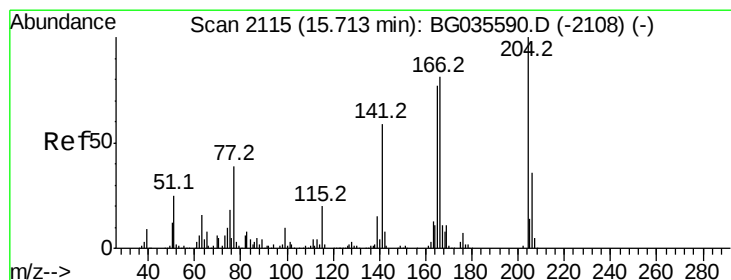
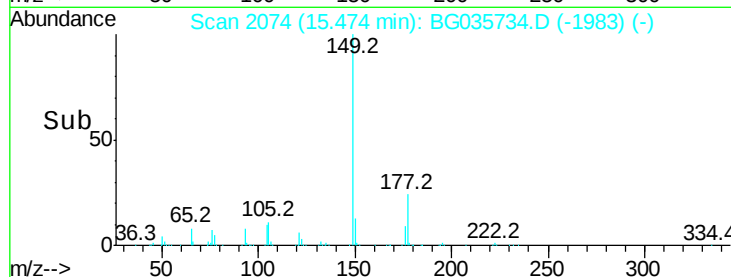
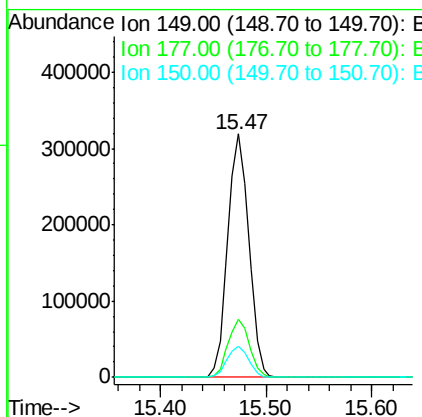
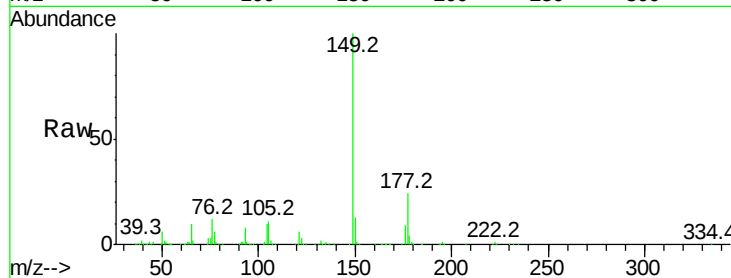
#59
Diethylphthalate
Concen: 45.516 ng
RT: 15.47 min Scan# 2074
Delta R.T. 0.00 min
Lab File: BG035734.D
Acq: 19 Jul 2018 2:03

Instrument :
BNA_G
ClientSampleId :
PB111232BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	24.0	18.5	27.7
150	12.7	10.2	15.2

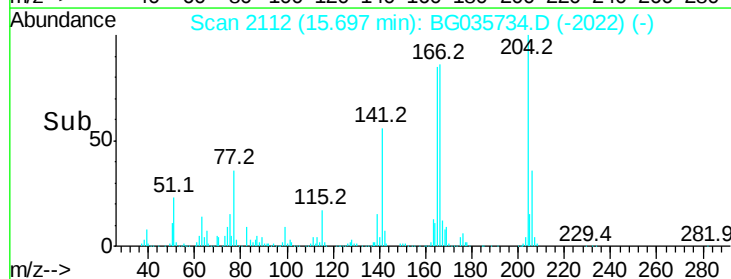
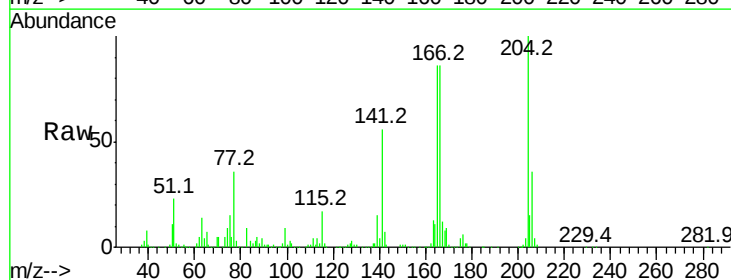
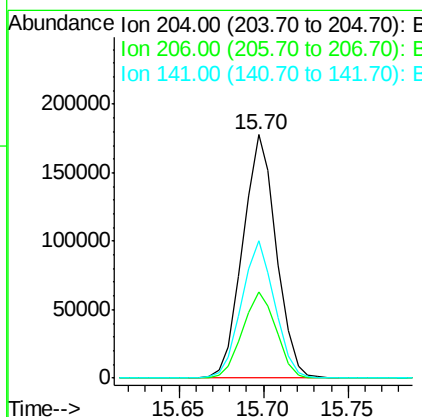
Manual Integrations
APPROVED

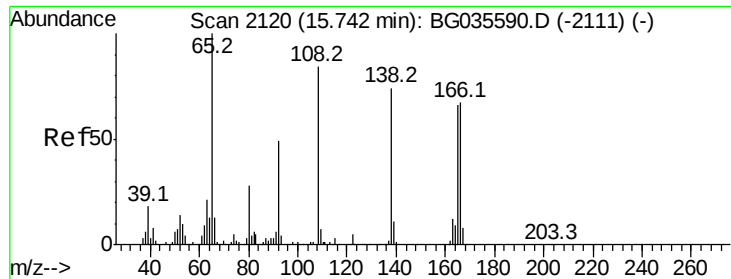
Sohil
7/19/2018 3:45:24 PM



#60
4-Chlorophenyl-phenylether
Concen: 46.332 ng
RT: 15.70 min Scan# 2112
Delta R.T. -0.00 min
Lab File: BG035734.D
Acq: 19 Jul 2018 2:03

Tgt Ion	Ratio	Lower	Upper
204	100		
206	35.6	26.2	39.2
141	56.4	45.8	68.6





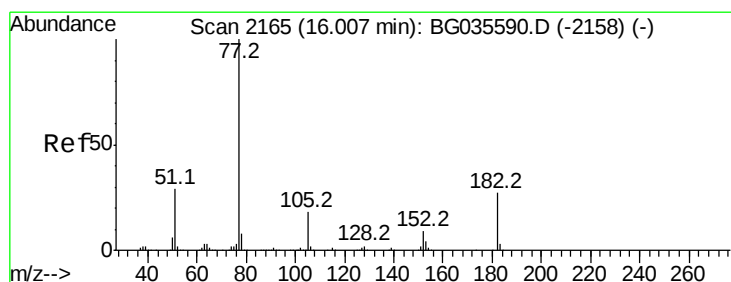
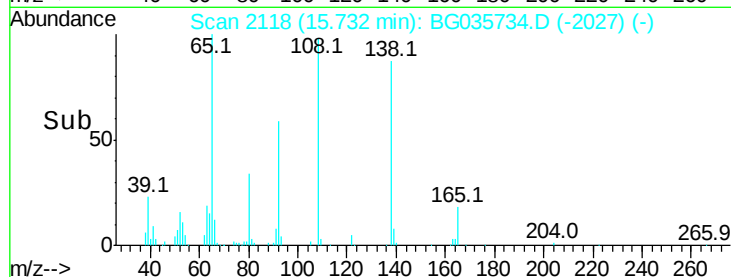
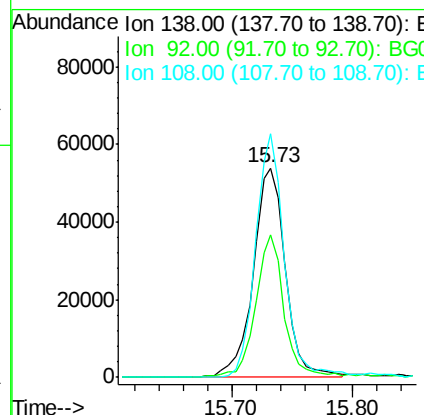
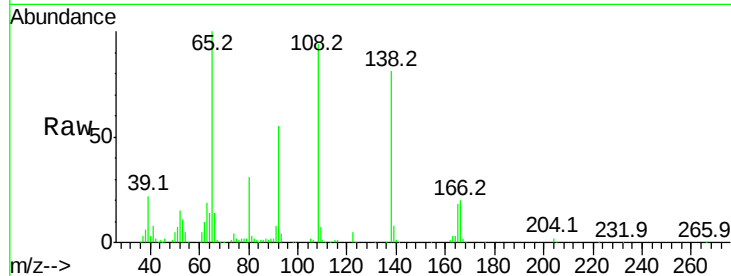
#61
4-Nitroaniline
Concen: 49.070 ng
RT: 15.73 min Scan# 2118
Delta R.T. 0.00 min
Lab File: BG035734.D
Acq: 19 Jul 2018 2:03

Instrument :
BNA_G
ClientSampleId :
PB111232BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	67.9	40.1	80.1
108	116.5	65.4	105.4

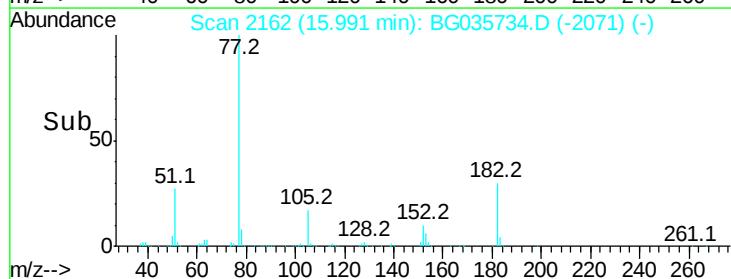
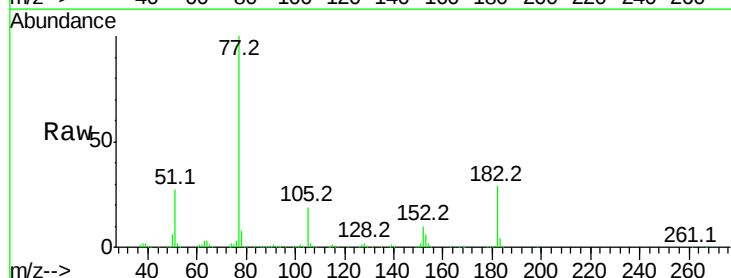
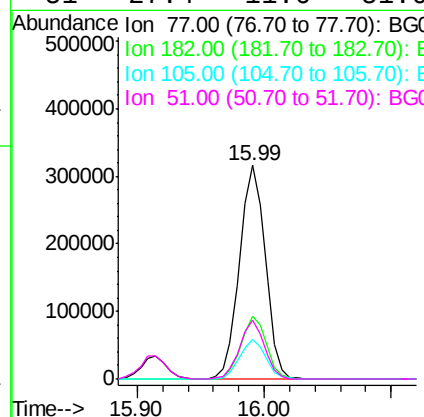
Manual Integrations
APPROVED

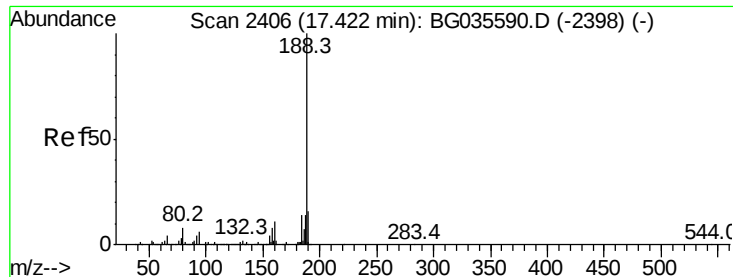
Sohil
7/19/2018 3:45:24 PM



#62
Azobenzene
Concen: 46.387 ng
RT: 15.99 min Scan# 2162
Delta R.T. 0.00 min
Lab File: BG035734.D
Acq: 19 Jul 2018 2:03

Tgt Ion	Ratio	Lower	Upper
77	100		
182	29.3	7.4	47.4
105	18.9	0.3	40.3
51	27.4	11.6	51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2403

Delta R.T. 0.00 min

Lab File: BG035734.D

Acq: 19 Jul 2018 2:03

Instrument :

BNA_G

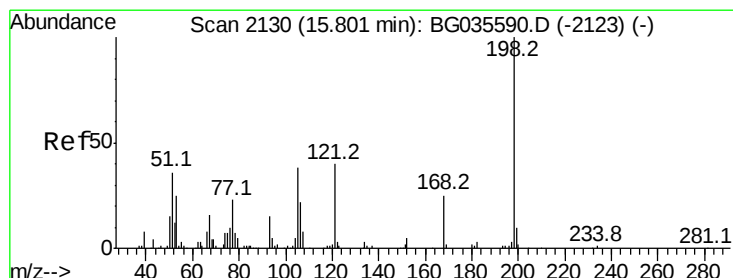
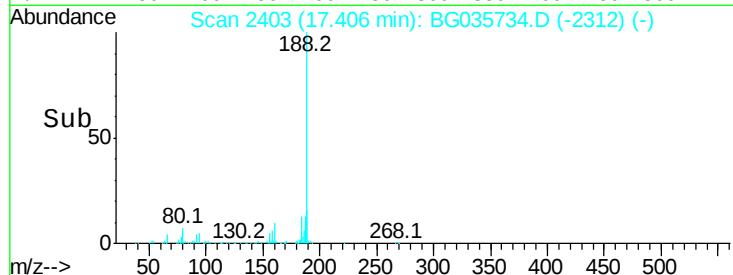
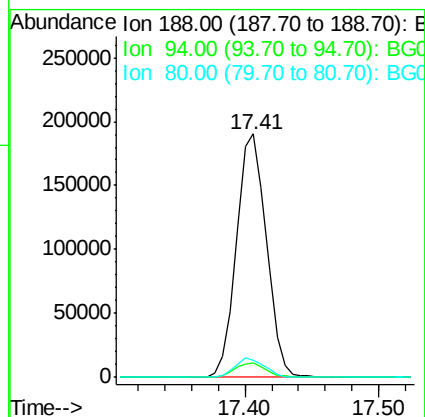
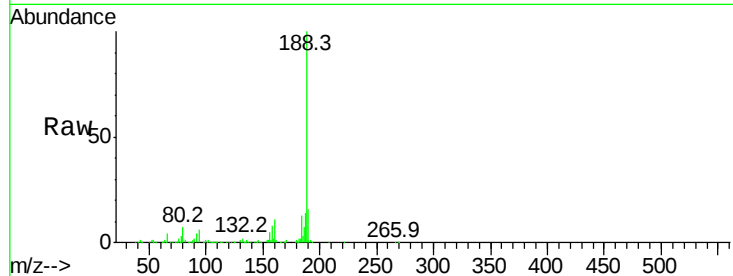
ClientSampleId :

PB111232BS

Tot Ion:	188	Resp:	296244
Ion Ratio	Lower	Upper	
188	100		
94	6.1	6.9	10.3#
80	6.9	7.7	11.5#

Manual Integrations
APPROVED

Sohil
7/19/2018 3:45:24 PM



#64

4,6-Dinitro-2-methylphenol

Concen: 12.974 ng

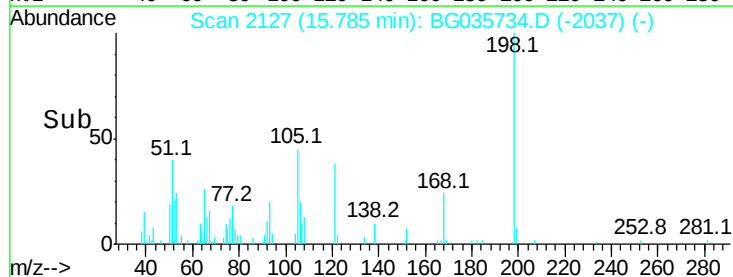
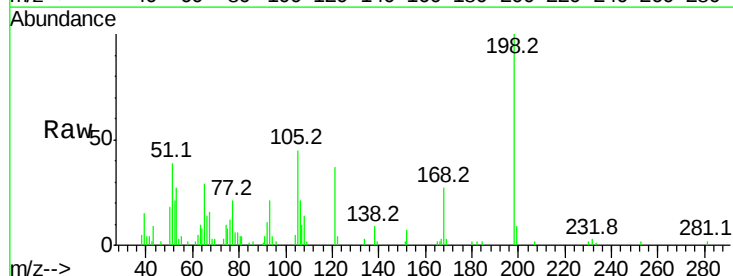
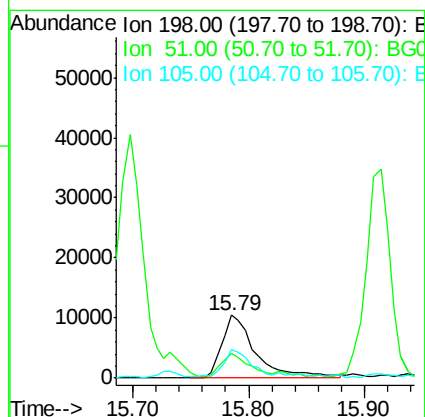
RT: 15.79 min Scan# 2127

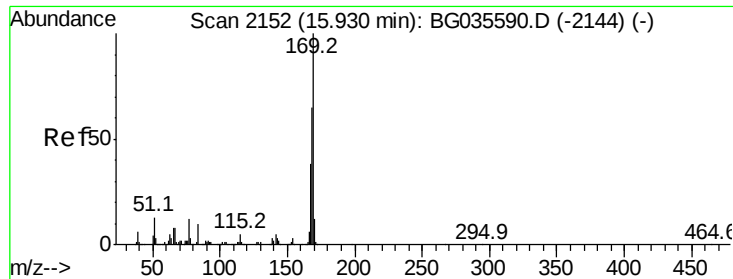
Delta R.T. -0.00 min

Lab File: BG035734.D

Acq: 19 Jul 2018 2:03

Tgt Ion:	198	Resp:	21395
Ion Ratio	Lower	Upper	
198	100		
51	38.9	30.6	70.6
105	45.2	23.8	63.8





#65

n-Nitrosodiphenylamine

Concen: 45.135 ng

RT: 15.91 min Scan# 2149

Delta R.T. 0.00 min

Lab File: BG035734.D

Acq: 19 Jul 2018 2:03

Instrument :

BNA_G

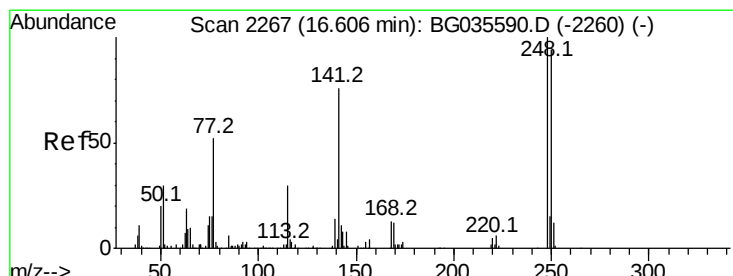
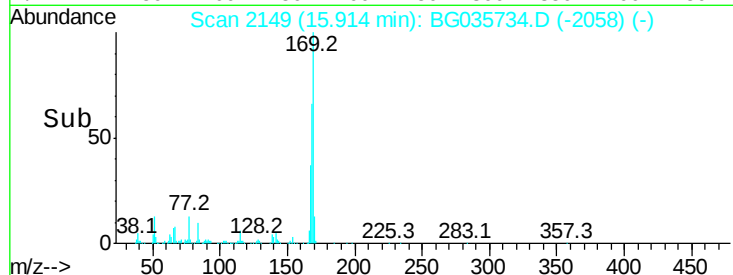
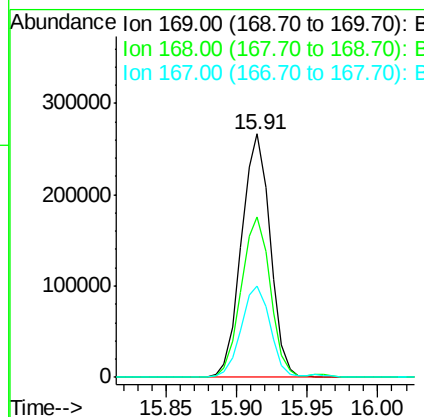
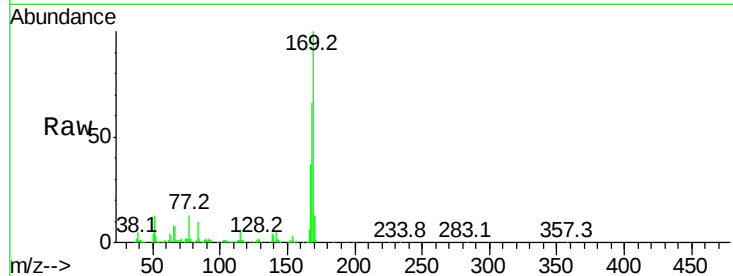
ClientSampleId :

PB111232BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	66.0	55.7	83.5	
167	37.4	30.1	45.1	

Manual Integrations
APPROVED

Sohil
7/19/2018 3:45:24 PM



#66

4-Bromophenyl-phenylether

Concen: 47.743 ng

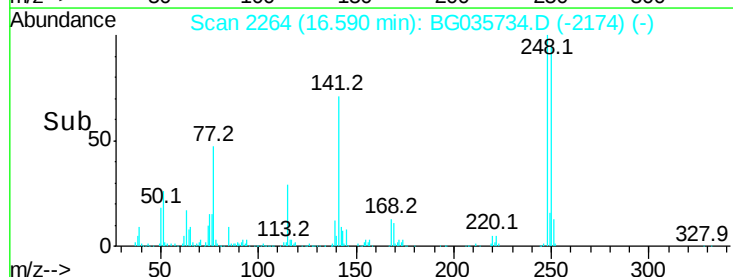
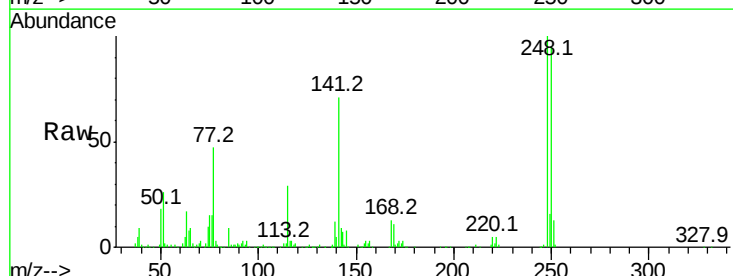
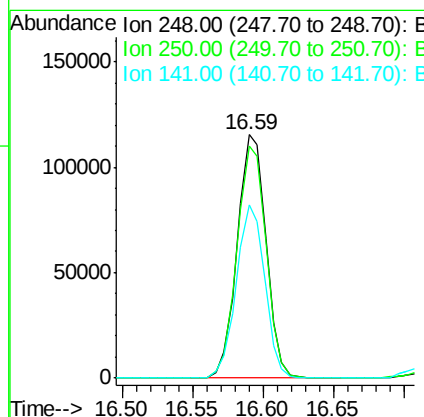
RT: 16.59 min Scan# 2264

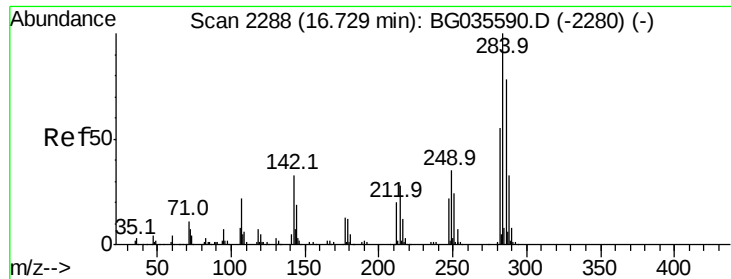
Delta R.T. -0.00 min

Lab File: BG035734.D

Acq: 19 Jul 2018 2:03

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	95.4	77.1	115.7	
141	71.2	50.8	76.2	





#67

Hexachlorobenzene

Concen: 47.430 ng

RT: 16.71 min Scan# 2285

Delta R.T. 0.00 min

Lab File: BG035734.D

Acq: 19 Jul 2018 2:03

Instrument :

BNA_G

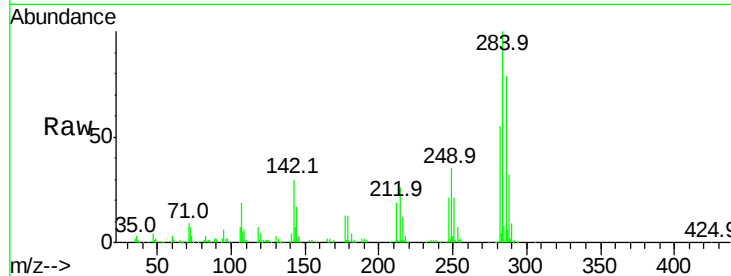
ClientSampleId :

PB111232BS

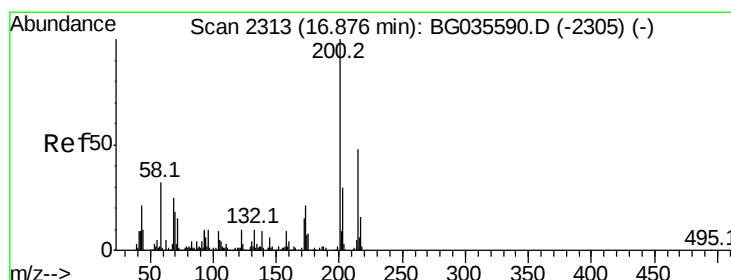
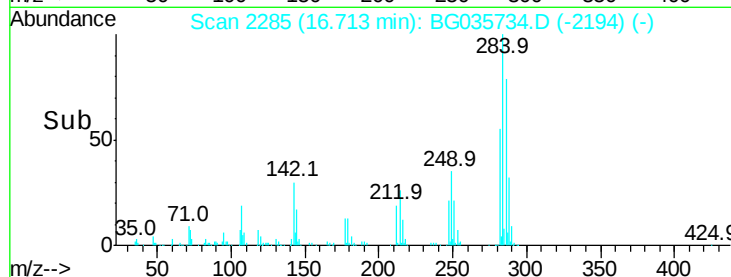
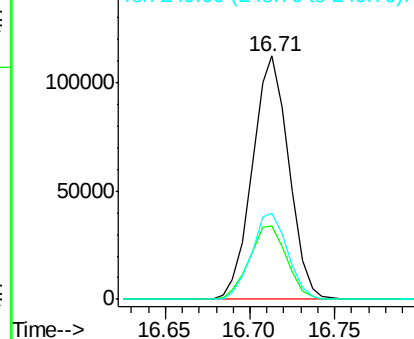
Tot Ion:	284	Resp:	167874
Ion Ratio	Lower	Upper	
284	100		
142	30.2	26.8	40.2
249	35.4	26.3	39.5

Manual Integrations
APPROVED

Sohil
7/19/2018 3:45:24 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: 51.339 ng

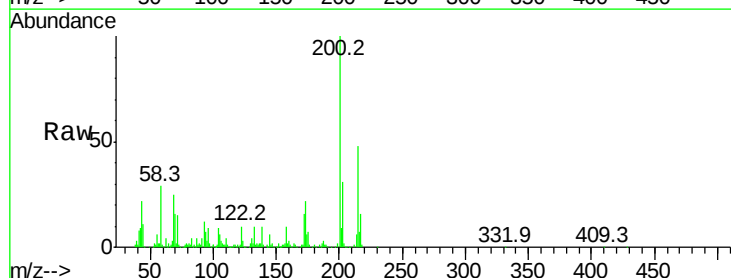
RT: 16.86 min Scan# 2310

Delta R.T. 0.00 min

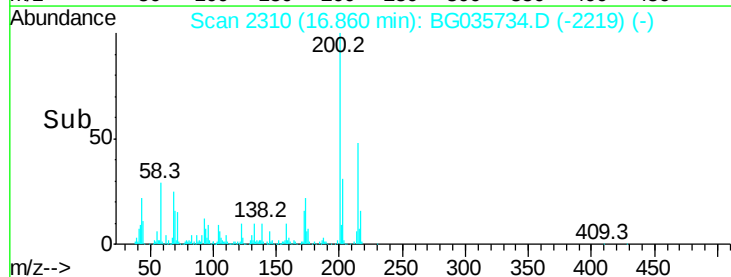
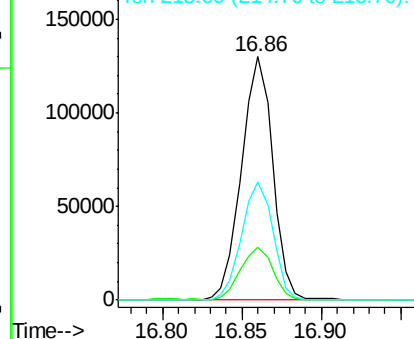
Lab File: BG035734.D

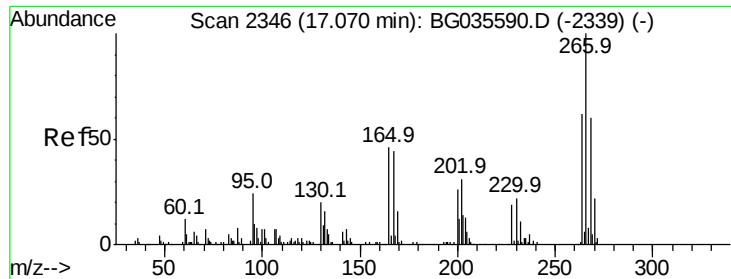
Acq: 19 Jul 2018 2:03

Tgt Ion:	200	Resp:	178237
Ion Ratio	Lower	Upper	
200	100		
173	21.6	5.2	45.2
215	48.4	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





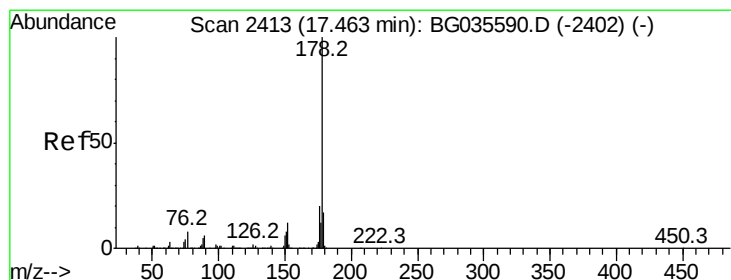
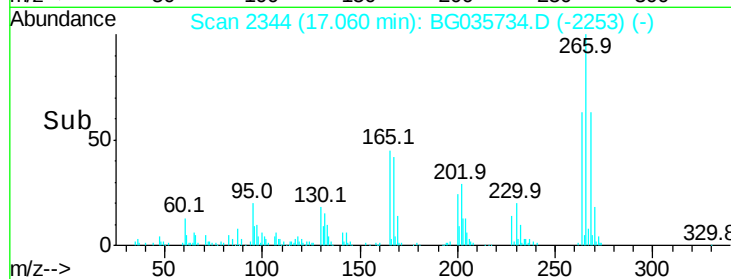
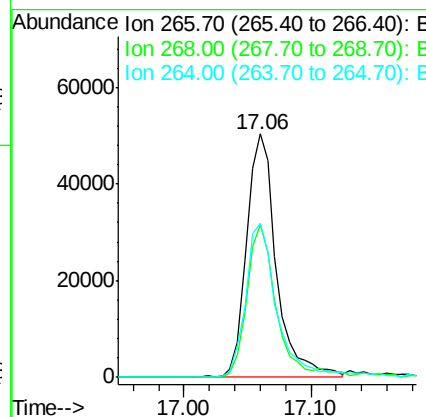
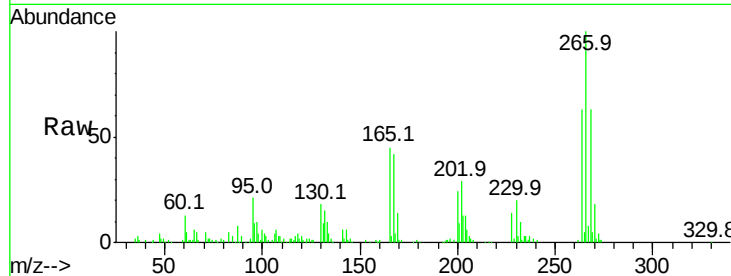
#69
 Pentachlorophenol
 Concen: 37.977 ng
 RT: 17.06 min Scan# 2344
 Delta R.T. 0.00 min
 Lab File: BG035734.D
 Acq: 19 Jul 2018 2:03

Instrument :
 BNA_G
 ClientSampleId :
 PB111232BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	81871		
268	62.6		51.1	76.7
264	63.2		49.6	74.4

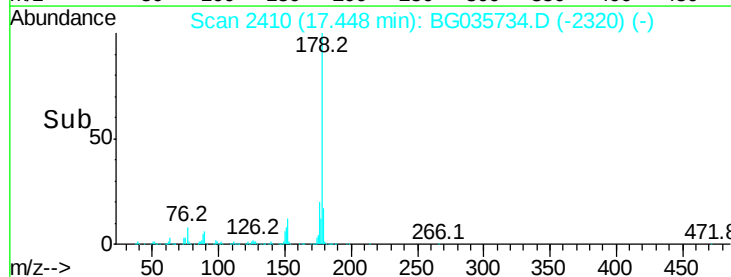
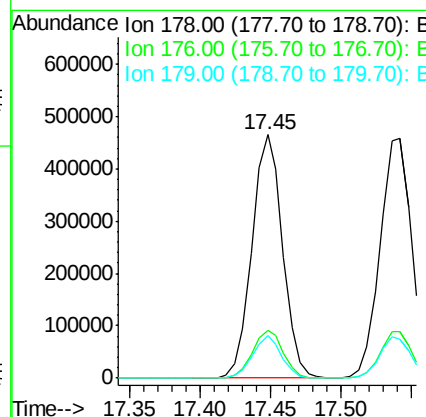
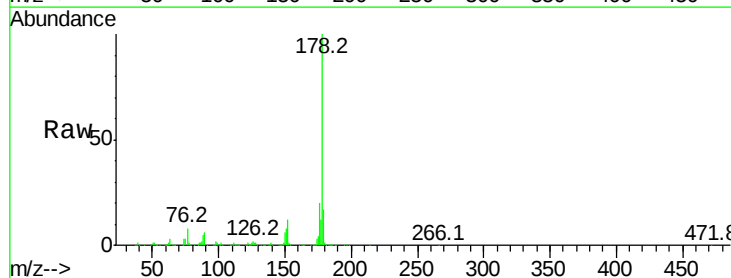
Manual Integrations
 APPROVED

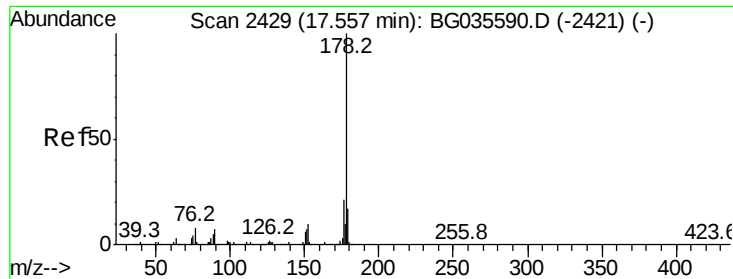
Sohil
 7/19/2018 3:45:24 PM



#70
 Phenanthrene
 Concen: 47.806 ng
 RT: 17.45 min Scan# 2410
 Delta R.T. -0.00 min
 Lab File: BG035734.D
 Acq: 19 Jul 2018 2:03

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	706676		
176	19.5		15.7	23.5
179	17.4		12.5	18.7





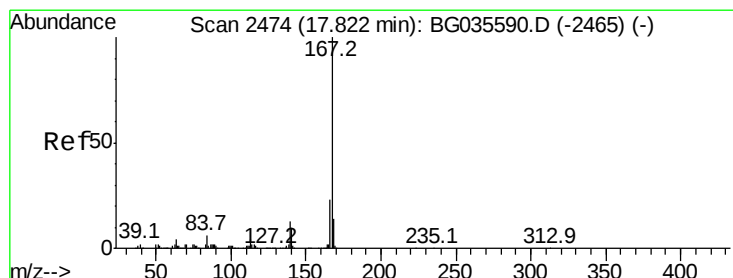
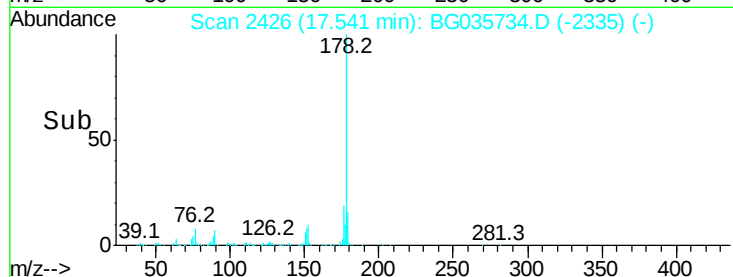
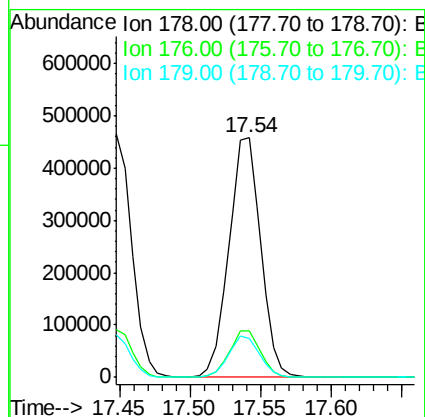
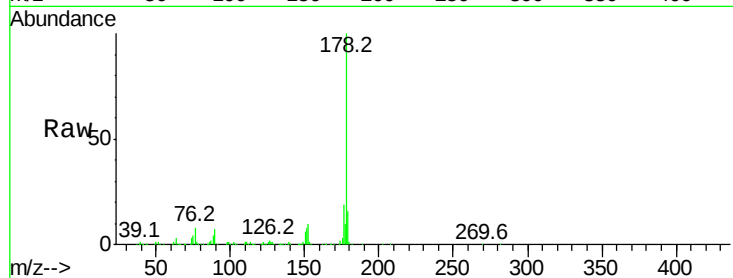
#71
 Anthracene
 Concen: 48.712 ng
 RT: 17.54 min Scan# 2426
 Delta R.T. 0.00 min
 Lab File: BG035734.D
 Acq: 19 Jul 2018 2:03

Instrument :
 BNA_G
 ClientSampleId :
 PB111232BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.0	24.0
179	16.4	12.5	18.7

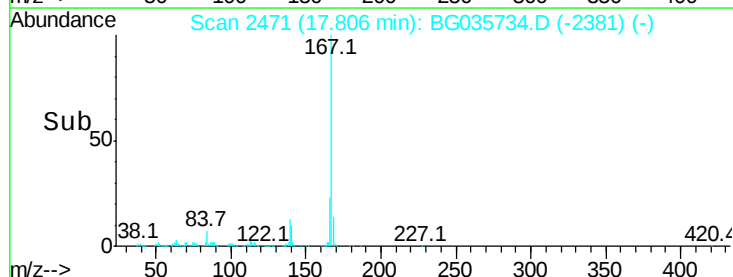
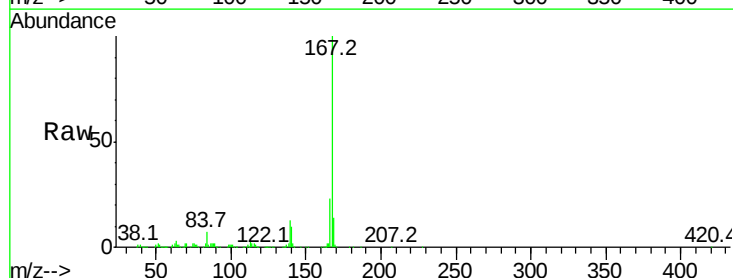
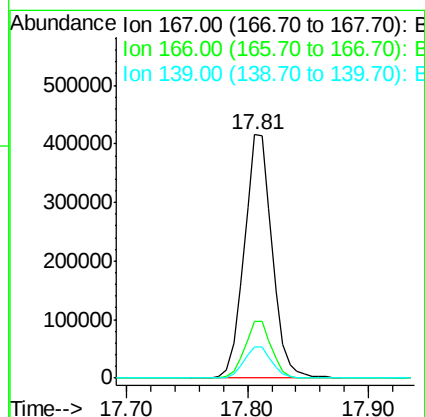
Manual Integrations
 APPROVED

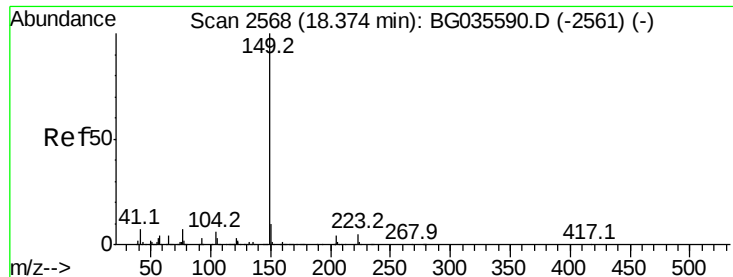
Sohil
 7/19/2018 3:45:24 PM



#72
 Carbazole
 Concen: 48.040 ng
 RT: 17.81 min Scan# 2471
 Delta R.T. -0.00 min
 Lab File: BG035734.D
 Acq: 19 Jul 2018 2:03

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.3	18.2	27.4
139	12.7	9.4	14.2





#73

Di-n-butylphthalate

Concen: 46.327 ng

RT: 18.36 min Scan# 2565

Delta R.T. -0.00 min

Lab File: BG035734.D

Acq: 19 Jul 2018 2:03

Instrument :

BNA_G

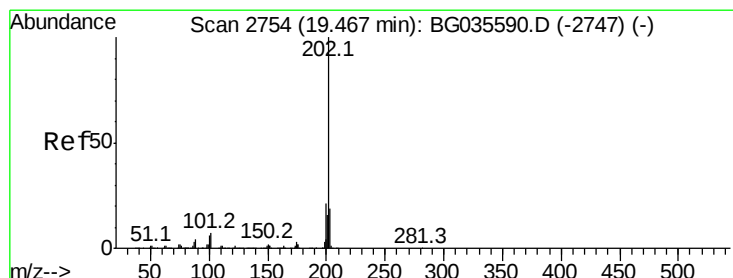
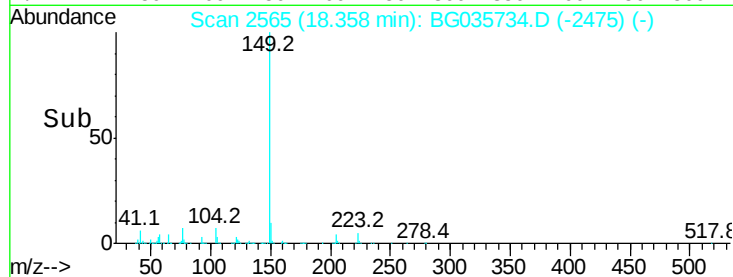
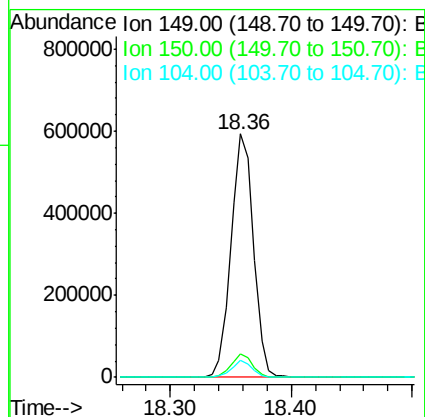
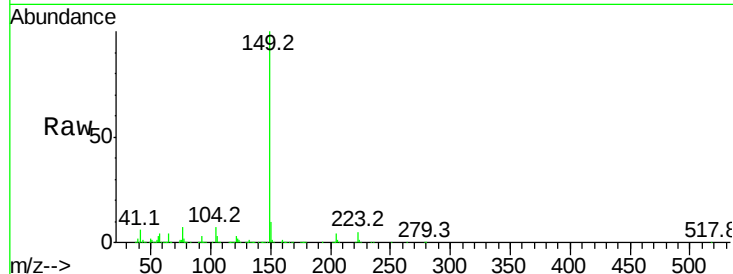
ClientSampleId :

PB111232BS

Tot Ion:	149	Resp:	765252
Ion Ratio		Lower	Upper
149	100		
150	9.6	7.8	11.6
104	6.7	3.9	5.9

Manual Integrations
APPROVED

Sohil
7/19/2018 3:45:24 PM



#74

Fluoranthene

Concen: 47.394 ng

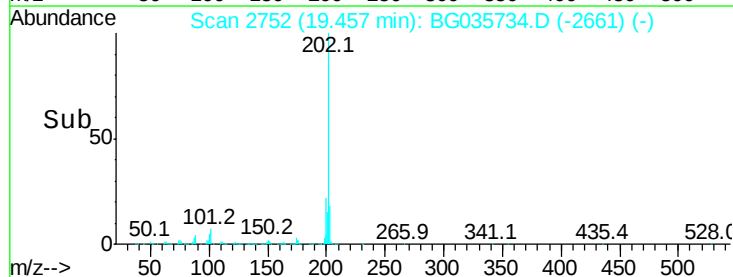
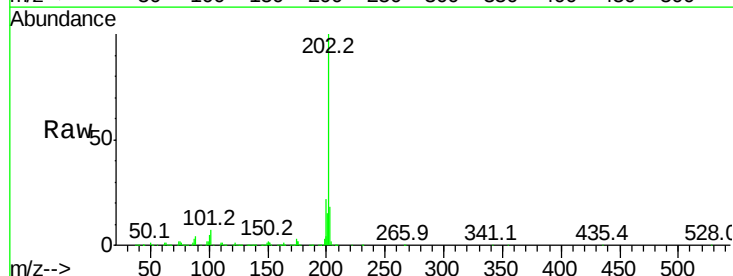
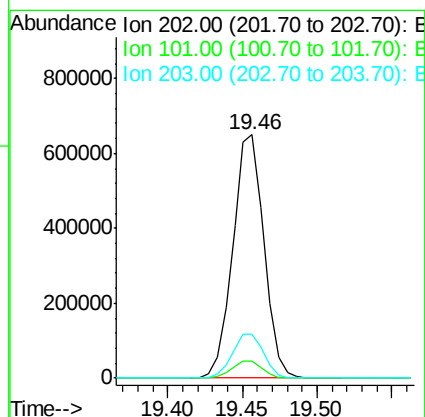
RT: 19.46 min Scan# 2752

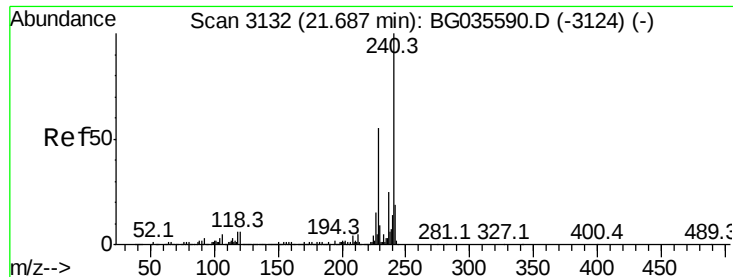
Delta R.T. 0.00 min

Lab File: BG035734.D

Acq: 19 Jul 2018 2:03

Tgt Ion:	202	Resp:	943680
Ion Ratio		Lower	Upper
202	100		
101	6.9	0.0	28.9
203	17.9	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.67 min Scan# 3129

Delta R.T. -0.00 min

Lab File: BG035734.D

Acq: 19 Jul 2018 2:03

Instrument :

BNA_G

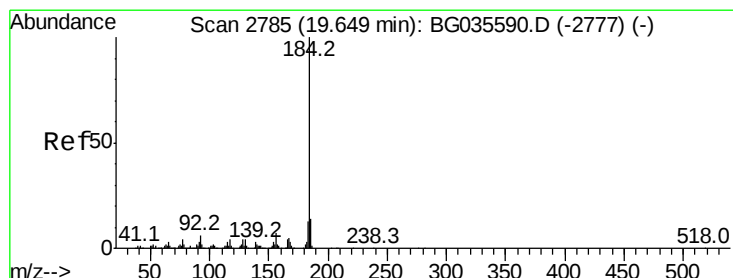
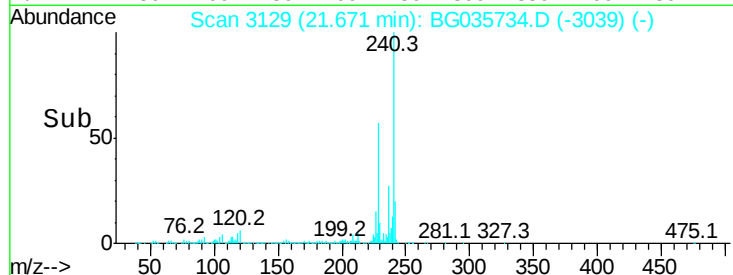
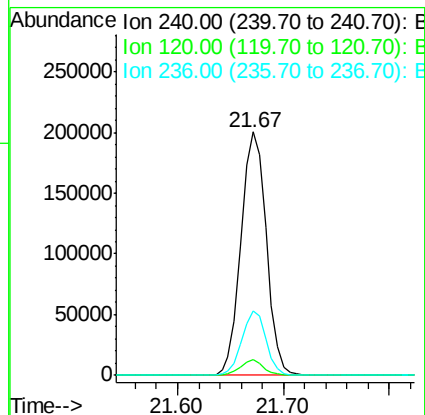
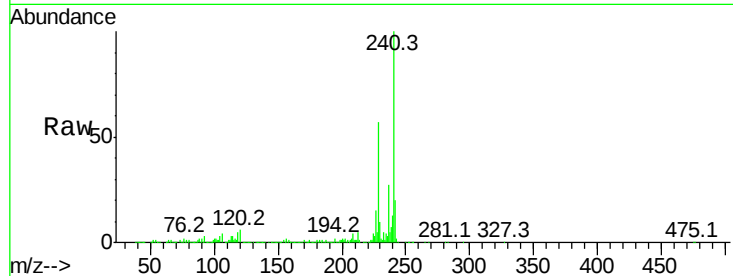
ClientSampleId :

PB111232BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	6.5	6.8	10.2#
236	26.5	20.9	31.3

Manual Integrations
APPROVED

Sohil
7/19/2018 3:45:24 PM



#76

Benzidine

Concen: 38.110 ng

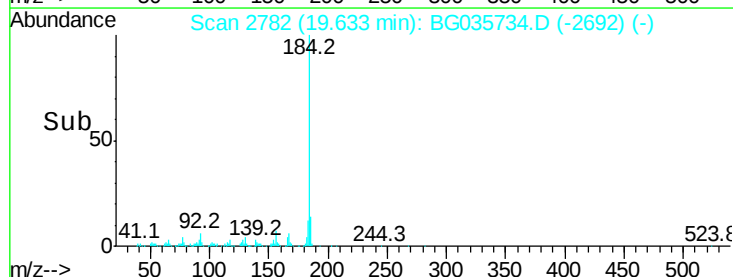
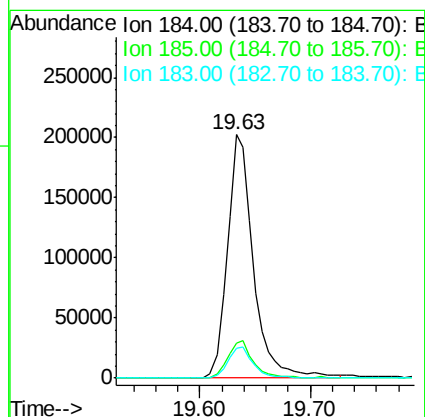
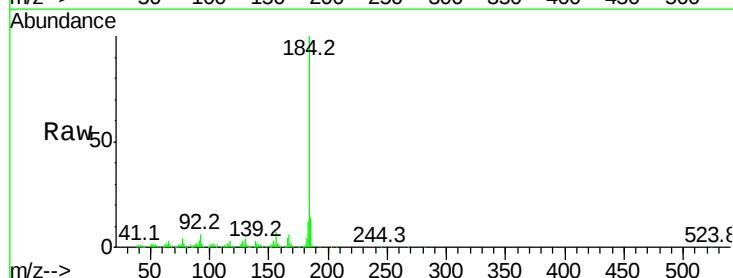
RT: 19.63 min Scan# 2782

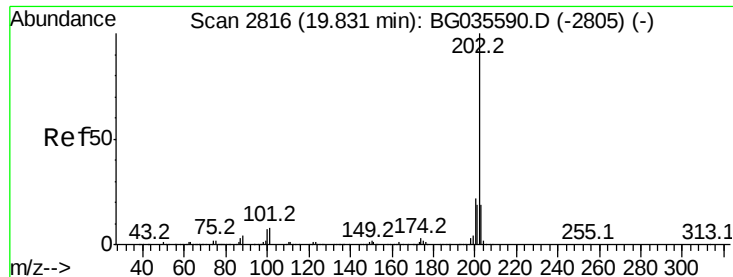
Delta R.T. -0.00 min

Lab File: BG035734.D

Acq: 19 Jul 2018 2:03

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.1	16.7
183	12.2	10.6	16.0





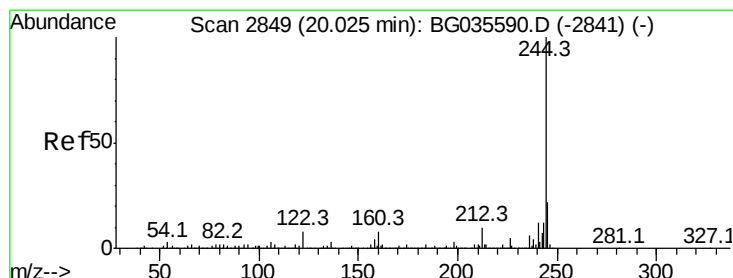
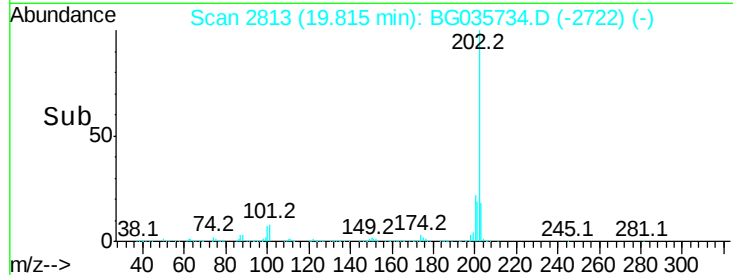
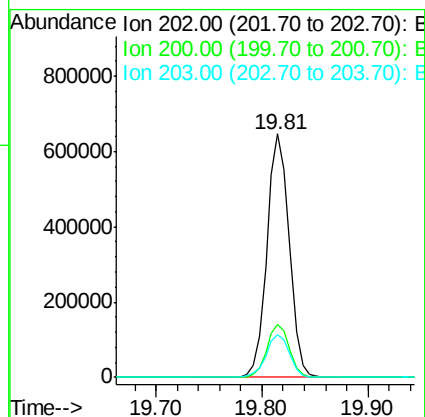
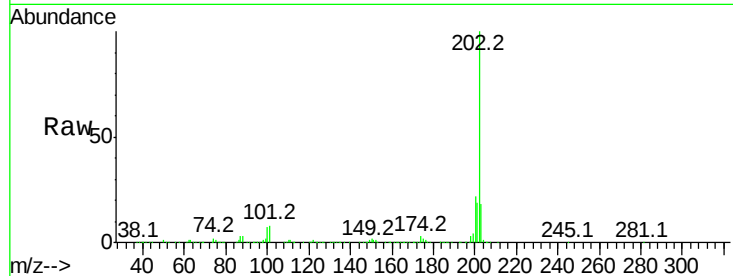
#77
Pvrene
Concen: 45.054 ng
RT: 19.81 min Scan# 2813
Delta R.T. 0.00 min
Lab File: BG035734.D
Acq: 19 Jul 2018 2:03

Instrument :
BNA_G
ClientSampleId :
PB111232BS

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.8	16.9	25.3
203	17.6	13.9	20.9

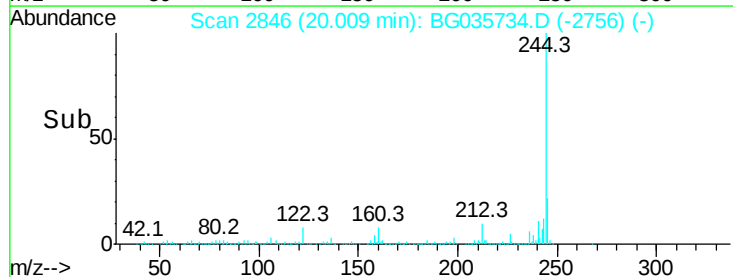
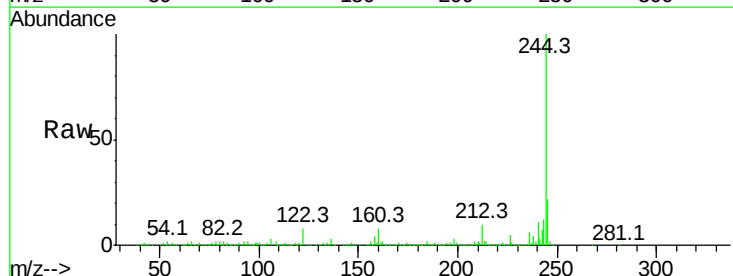
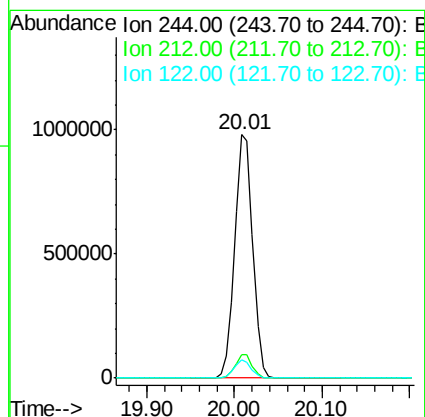
Manual Integrations
APPROVED

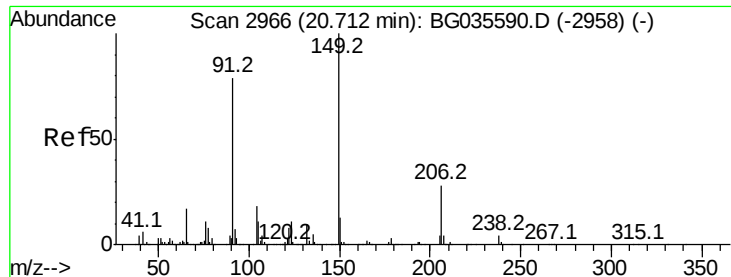
Sohil
7/19/2018 3:45:24 PM



#78
Terphenyl-d14
Concen: 90.896 ng
RT: 20.01 min Scan# 2846
Delta R.T. -0.00 min
Lab File: BG035734.D
Acq: 19 Jul 2018 2:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	9.8	5.8	8.8#
122	7.6	7.0	10.4





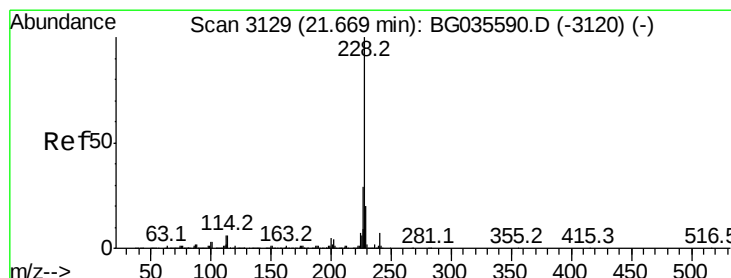
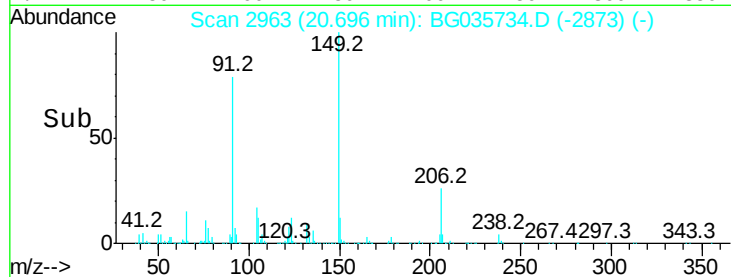
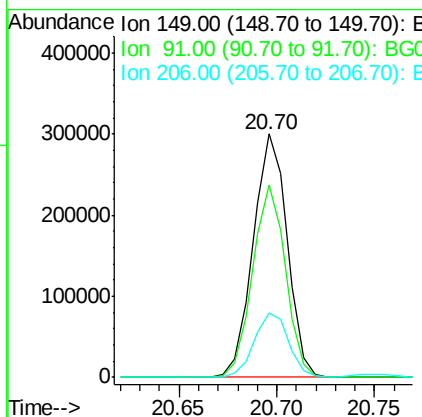
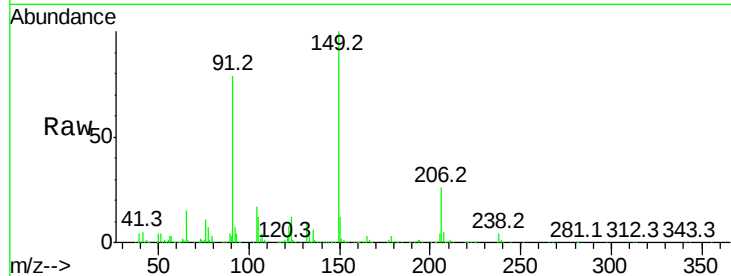
#79
Butylbenzylphthalate
Concen: 48.194 ng
RT: 20.70 min Scan# 2963
Delta R.T. -0.00 min
Lab File: BG035734.D
Acq: 19 Jul 2018 2:03

Instrument :
BNA_G
ClientSampleId :
PB111232BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	361630		
91	78.8	62.2	93.2	
206	26.3	18.6	27.8	

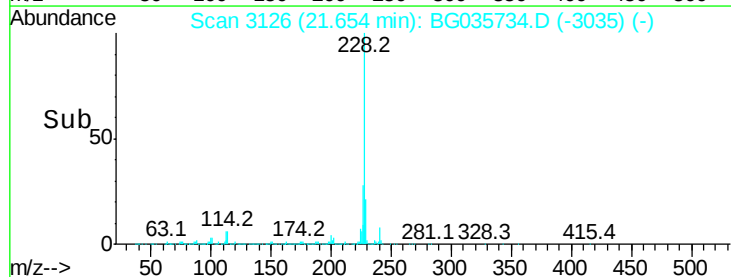
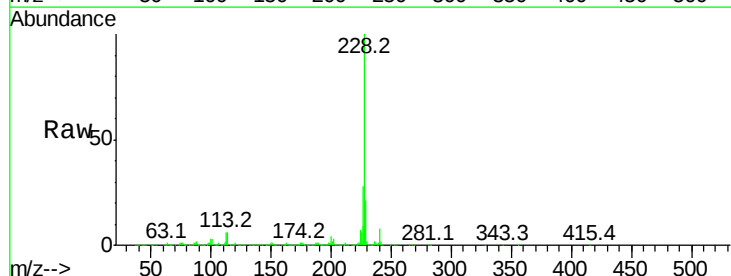
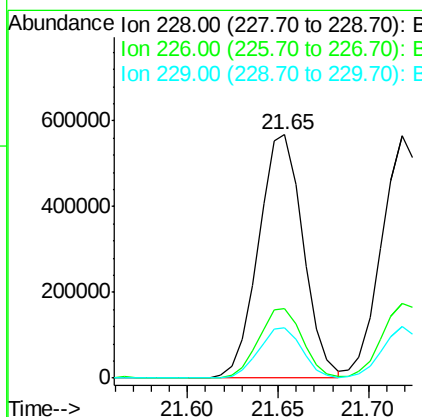
Manual Integrations
APPROVED

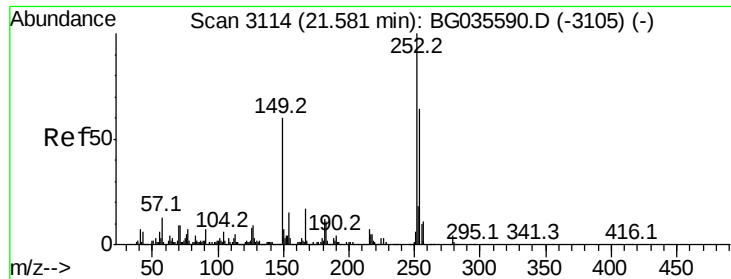
Sohil
7/19/2018 3:45:24 PM



#80
Benzo(a)anthracene
Concen: 47.006 ng
RT: 21.65 min Scan# 3126
Delta R.T. 0.00 min
Lab File: BG035734.D
Acq: 19 Jul 2018 2:03

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	972078		
226	28.5	22.7	34.1	
229	20.7	16.2	24.2	





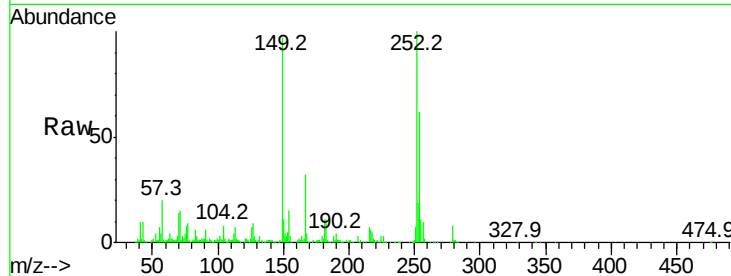
#81
 3,3'-Dichlorobenzidine
 Concen: 25.407 ng
 RT: 21.57 min Scan# 3111
 Delta R.T. -0.00 min
 Lab File: BG035734.D
 Acq: 19 Jul 2018 2:03

Instrument :
 BNA_G
 ClientSampleId :
 PB111232BS

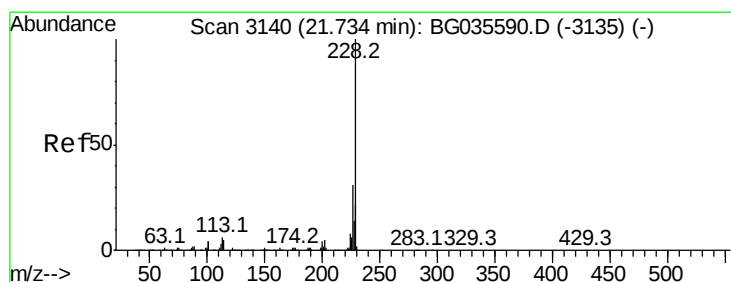
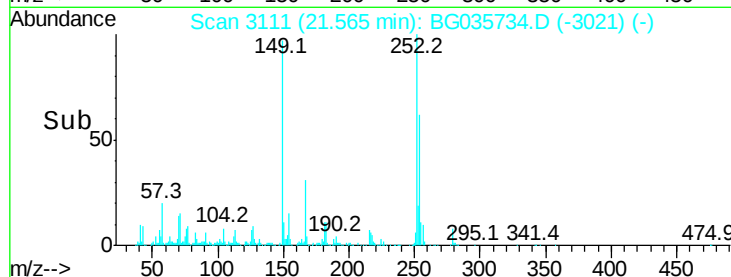
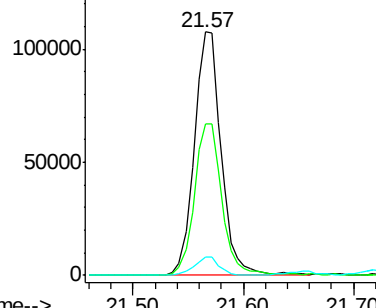
Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	62.0	50.8	76.2
126	7.3	7.4	11.2#

Manual Integrations
 APPROVED

Sohil
 7/19/2018 3:45:24 PM



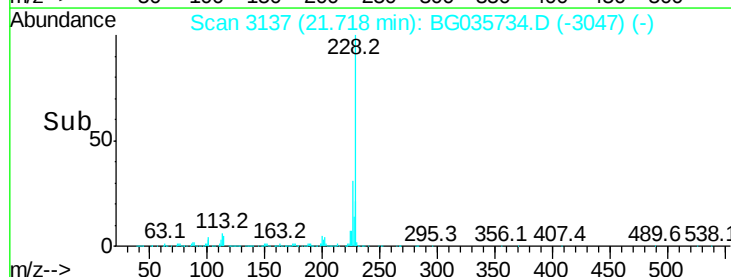
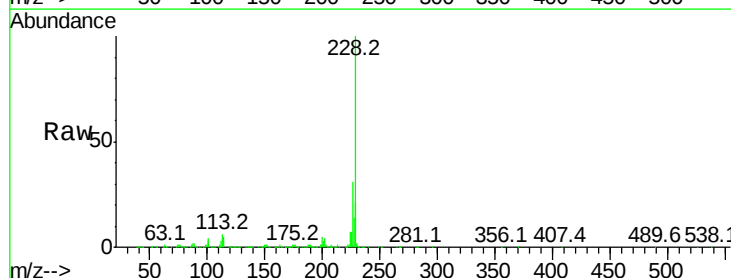
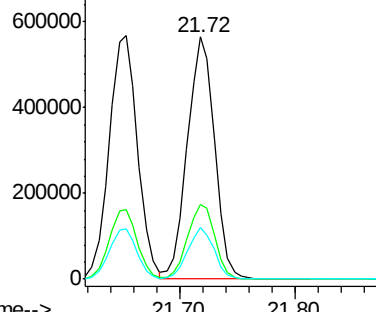
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

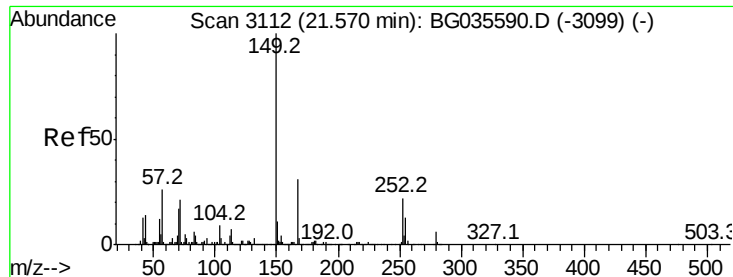


#82
 Chrysene
 Concen: 47.962 ng
 RT: 21.72 min Scan# 3137
 Delta R.T. -0.00 min
 Lab File: BG035734.D
 Acq: 19 Jul 2018 2:03

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.0	24.9	37.3
229	21.1	15.0	22.4

Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 48.916 ng

RT: 21.55 min Scan# 3109

Delta R.T. 0.00 min

Lab File: BG035734.D

Acq: 19 Jul 2018 2:03

Instrument :

BNA_G

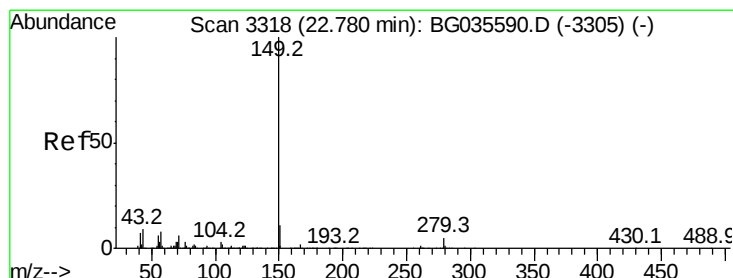
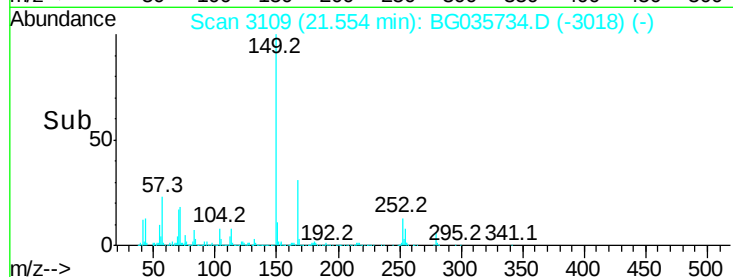
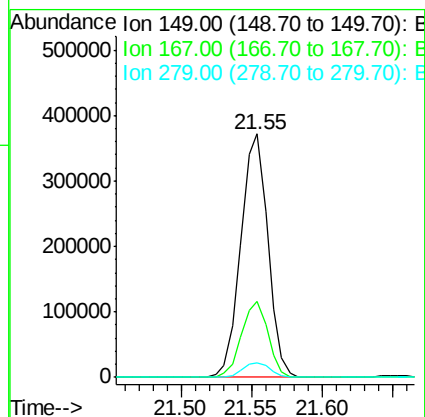
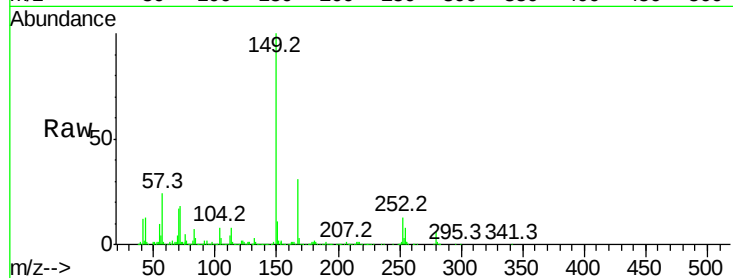
ClientSampleId :

PB111232BS

Tot Ion:	149	Resp:	499008
Ion Ratio	Lower	Upper	
149	100		
167	31.2	24.3	36.5
279	5.7	4.0	6.0

Manual Integrations
APPROVED

Sohil
7/19/2018 3:45:24 PM



#84

Di-n-octyl phthalate

Concen: 50.048 ng

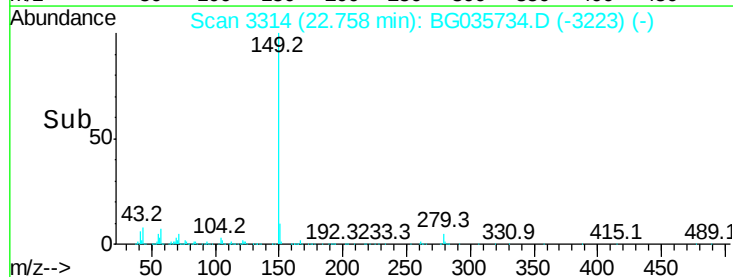
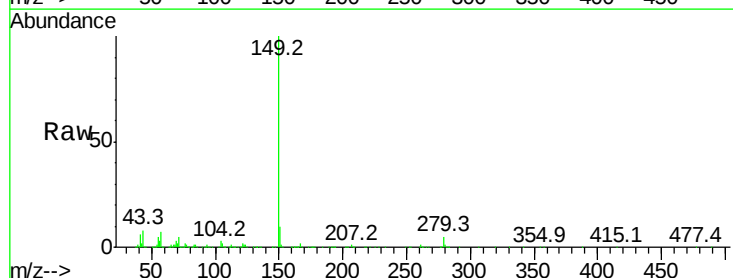
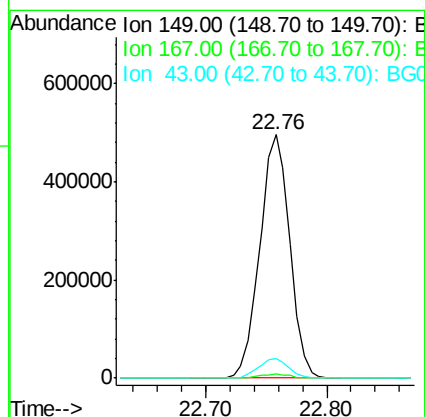
RT: 22.76 min Scan# 3314

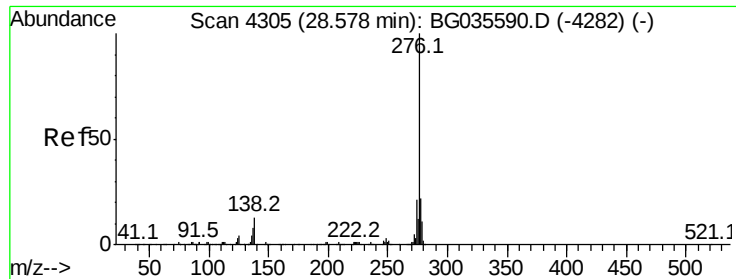
Delta R.T. 0.00 min

Lab File: BG035734.D

Acq: 19 Jul 2018 2:03

Tgt Ion:	149	Resp:	854855
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.4	2.0
43	8.0	8.9	13.3#





#85

Indeno(1,2,3-cd)pyrene

Concen: 50.113 ng

RT: 28.54 min Scan# 4299

Delta R.T. 0.00 min

Lab File: BG035734.D

Acq: 19 Jul 2018 2:03

Instrument :

BNA_G

ClientSampleId :

PB111232BS

Tot Ion:276 Resp: 1063225

Ion Ratio Lower Upper

276 100

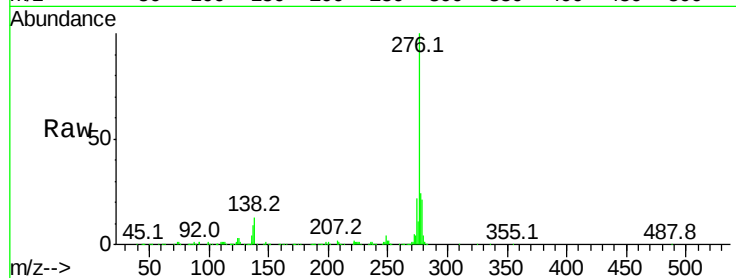
138 14.9 16.0 24.0#

277 26.1 20.0 30.0

Manual Integrations
APPROVED

Sohil

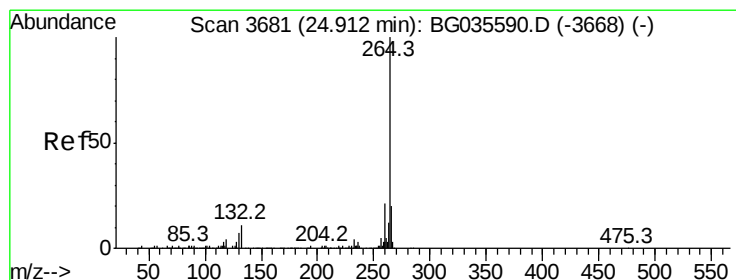
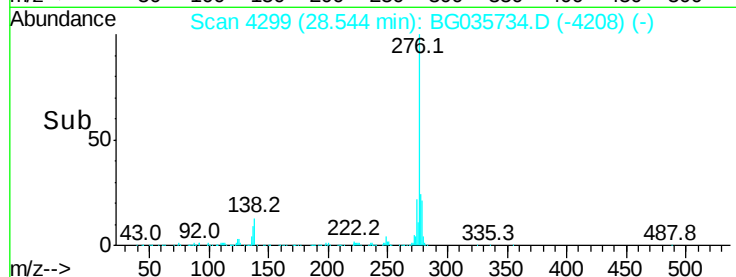
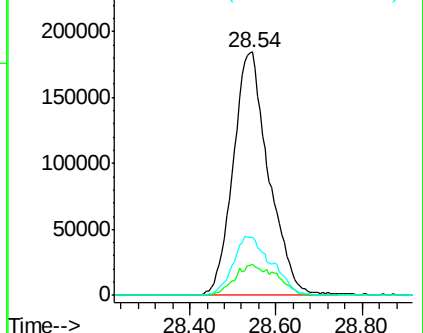
7/19/2018 3:45:24 PM



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: 24.88 min Scan# 3675

Delta R.T. -0.00 min

Lab File: BG035734.D

Acq: 19 Jul 2018 2:03

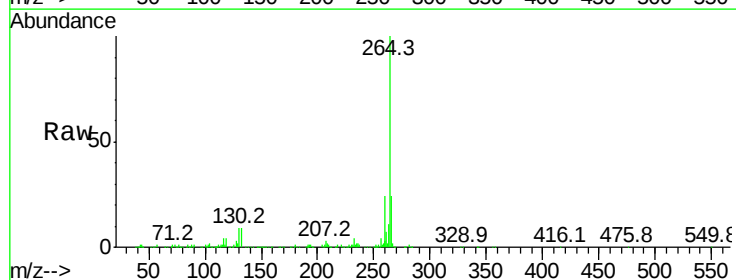
Tgt Ion:264 Resp: 323911

Ion Ratio Lower Upper

264 100

260 24.0 17.4 26.0

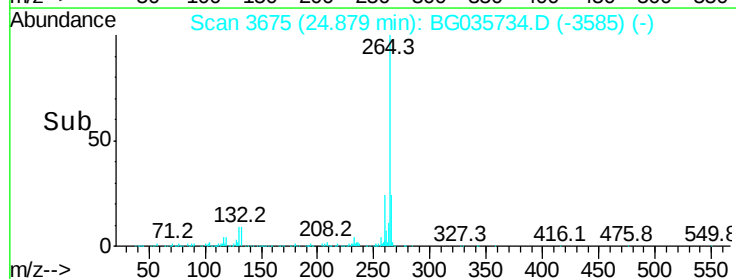
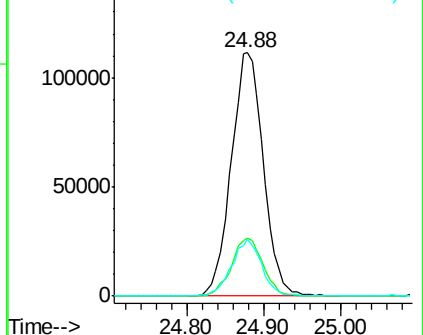
265 23.6 17.7 26.5

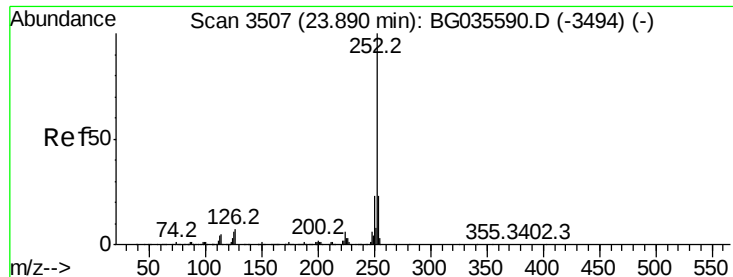


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 49.060 ng

RT: 23.86 min Scan# 3502

Delta R.T. -0.00 min

Lab File: BG035734.D

Acq: 19 Jul 2018 2:03

Instrument :

BNA_G

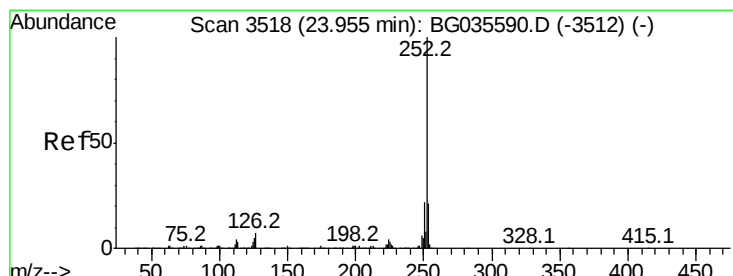
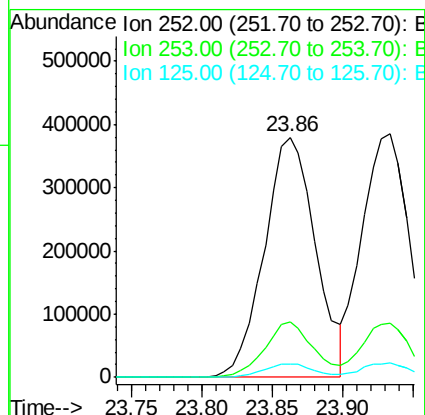
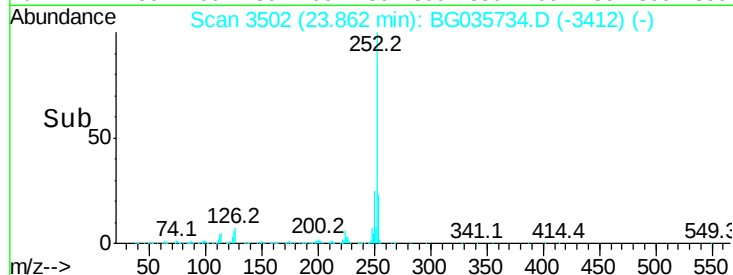
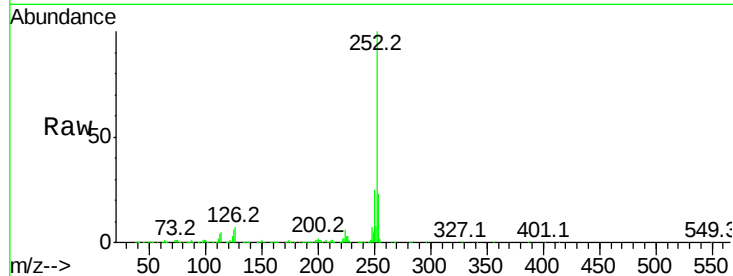
ClientSampleId :

PB111232BS

Tot Ion:252	Resp:	965854
Ion Ratio	Lower	Upper
252 100		
253 23.0	18.2	27.4
125 5.5	7.2	10.8#

Manual Integrations
APPROVED

Sohil
7/19/2018 3:45:24 PM



#88

Benzo(k)fluoranthene

Concen: 46.511 ng

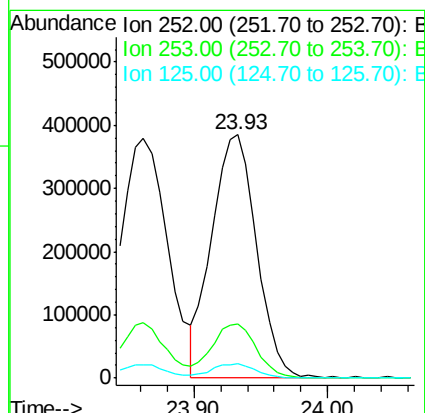
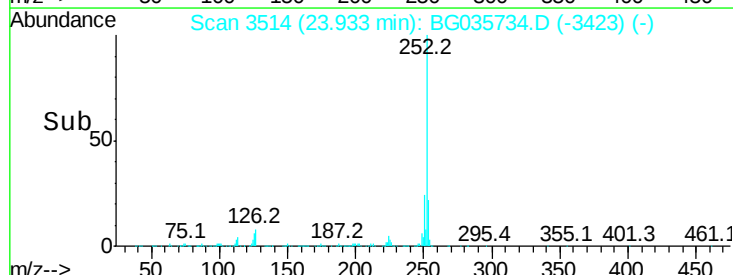
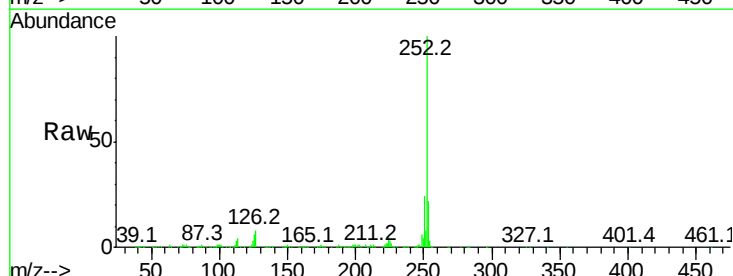
RT: 23.93 min Scan# 3514

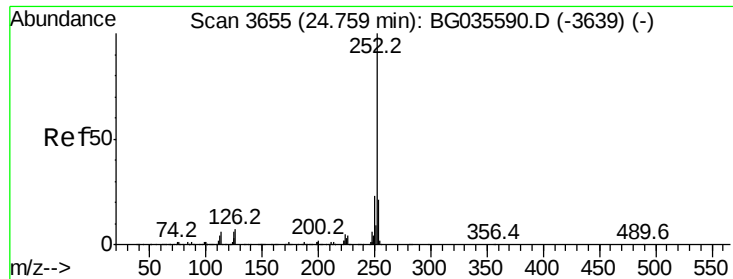
Delta R.T. 0.00 min

Lab File: BG035734.D

Acq: 19 Jul 2018 2:03

Tgt Ion:252	Resp:	895199
Ion Ratio	Lower	Upper
252 100		
253 22.1	17.4	26.2
125 6.0	6.6	9.8#





#89

Benzo(a)pyrene

Concen: 49.694 ng

RT: 24.73 min Scan# 3650

Delta R.T. -0.00 min

Lab File: BG035734.D

Acq: 19 Jul 2018 2:03

Instrument :

BNA_G

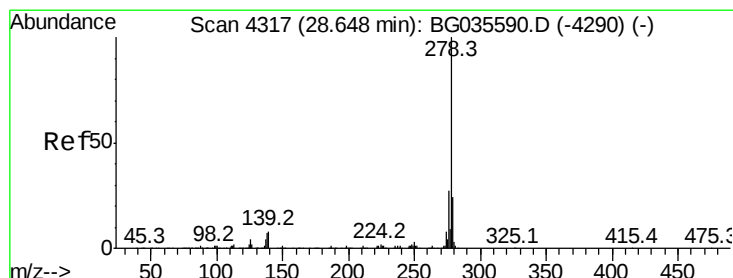
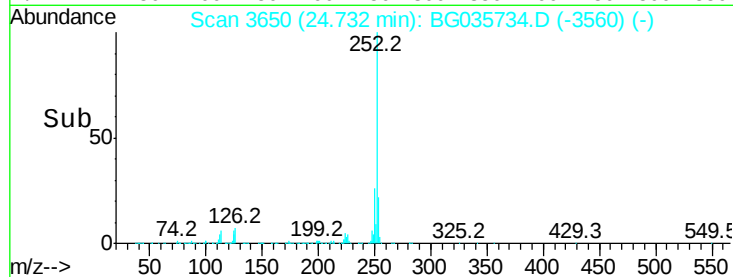
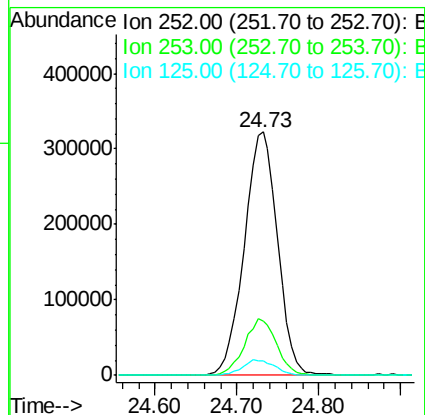
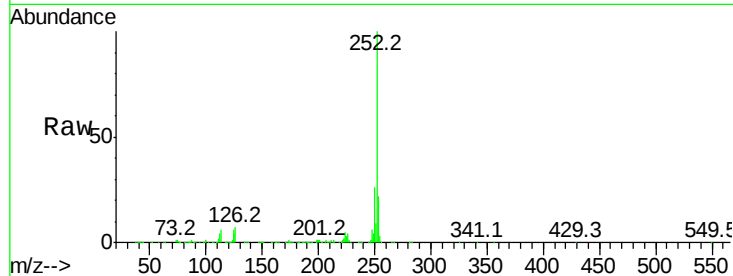
ClientSampleId :

PB111232BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.3	27.5
125	6.1	7.3	10.9

Manual Integrations
APPROVED

Sohil
7/19/2018 3:45:24 PM



#90

Dibenzo(a,h)anthracene

Concen: 48.740 ng

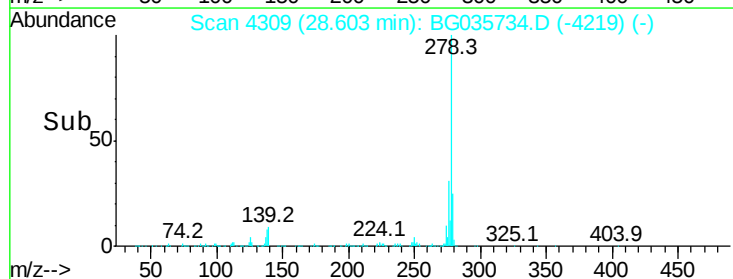
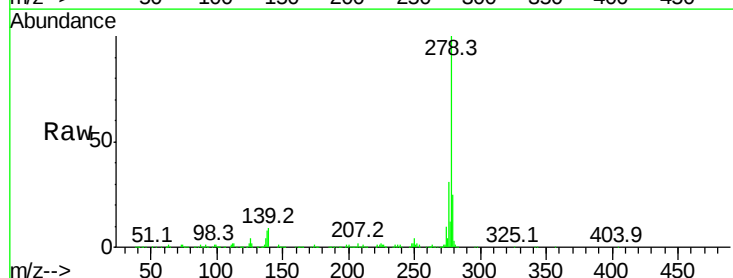
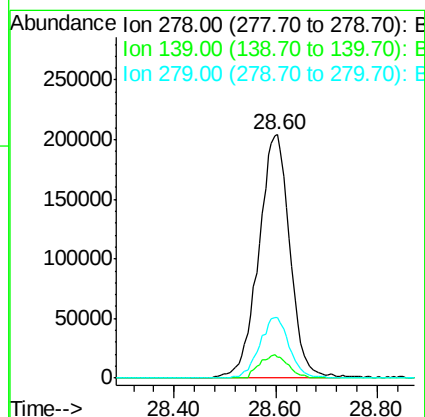
RT: 28.60 min Scan# 4309

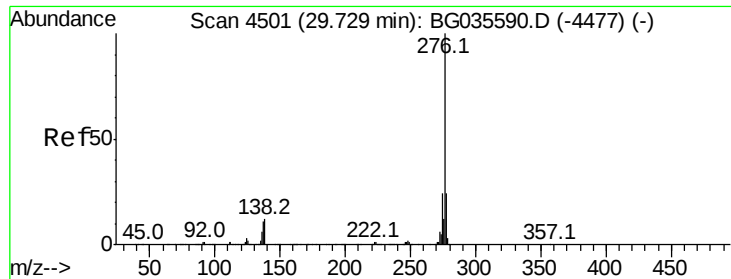
Delta R.T. -0.00 min

Lab File: BG035734.D

Acq: 19 Jul 2018 2:03

Tgt Ion	Ratio	Lower	Upper
278	100		
139	8.8	9.8	14.6
279	24.9	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 50.329 ng
 RT: 29.68 min Scan# 4493
 Delta R.T. -0.00 min
 Lab File: BG035734.D
 Acq: 19 Jul 2018 2:03

Instrument :
 BNA_G
 ClientSampleId :
 PB111232BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.5	18.3	27.5
138	11.3	13.9	20.9

Manual Integrations
 APPROVED

Sohil
 7/19/2018 3:45:24 PM

