

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073018\
 Data File : BG035984.D
 Acq On : 30 Jul 2018 20:13
 Operator : JU/SJ
 Sample : PB111523BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111523BS

Manual Integrations
 APPROVED

Sohil
 7/31/2018 12:20:51 PM

Quant Time: Jul 31 01:48:42 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 25 11:04:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	31414	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	124847	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	96757	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	276220	20.00	ng	0.00
75) Chrysene-d12	21.66	240	308316	20.00	ng	0.00
86) Perylene-d12	24.85	264	298887	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	237949	125.76	ng	0.00
7) Phenol-d6	7.20	99	356579	126.31	ng	0.00
23) Nitrobenzene-d5	9.18	82	231439	77.44	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	173468	136.02	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	542619	75.13	ng	0.00
78) Terphenyl-d14	20.00	244	1159994	82.93	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	25247	26.216	ng	# 77
3) Pyridine	3.91	79	71584	28.473	ng	# 76
4) n-Nitrosodimethylamine	3.82	42	32925	30.500	ng	# 80
6) Aniline	7.35	93	96628	26.408	ng	97
8) 2-Chlorophenol	7.59	128	78651	40.870	ng	98
9) Benzaldehyde	7.17	77	58505	33.776	ng	97
10) Phenol	7.22	94	114960	40.307	ng	96
11) bis(2-Chloroethyl)ether	7.44	93	75657	33.872	ng	87
12) 1,3-Dichlorobenzene	7.91	146	84026	36.157	ng	94
13) 1,4-Dichlorobenzene	8.06	146	86716	36.725	ng	89
14) 1,2-Dichlorobenzene	8.38	146	82605	36.417	ng	99
15) Benzyl Alcohol	8.26	79	88501	34.522	ng	89
16) 2,2'-oxybis(1-Chloropropan	8.55	45	87408	46.677	ng	81
17) 2-Methylphenol	8.46	107	79308	40.898	ng	# 88
18) Hexachloroethane	9.10	117	33176	36.748	ng	96
19) n-Nitroso-di-n-propylamine	8.82	70	74788	31.460	ng	# 80
20) 3+4-Methylphenols	8.79	107	106347	39.532	ng	93
22) Acetophenone	8.85	105	136754	35.224	ng	# 91
24) Nitrobenzene	9.23	77	111883	37.225	ng	93
25) Isophorone	9.74	82	210816	38.000	ng	100
26) 2-Nitrophenol	9.94	139	44917	42.079	ng	# 89
27) 2,4-Dimethylphenol	10.00	122	81547	45.131	ng	91
28) bis(2-Chloroethoxy)methane	10.23	93	113551	37.145	ng	97
29) 2,4-Dichlorophenol	10.48	162	92136	44.670	ng	96
30) 1,2,4-Trichlorobenzene	10.69	180	99048	39.162	ng	95
31) Naphthalene	10.87	128	246103	37.842	ng	98
32) Benzoic acid	10.17	122	22159m	18.217	ng	
33) 4-Chloroaniline	10.99	127	49809	17.573	ng	# 92
34) Hexachlorobutadiene	11.15	225	75379	38.221	ng	99
35) Caprolactam	11.76	113	33724m	38.101	ng	
36) 4-Chloro-3-methylphenol	12.11	107	115490	41.773	ng	93
37) 2-Methylnaphthalene	12.48	142	197054	40.671	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	134644	36.869	ng	98
40) Hexachlorocyclopentadiene	12.82	237	150865	78.771	ng	91

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073018\
 Data File : BG035984.D
 Acq On : 30 Jul 2018 20:13
 Operator : JU/SJ
 Sample : PB111523BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 PB111523BS

Manual Integrations
 APPROVED

Sohil
 7/31/2018 12:20:51 PM

Quant Time: Jul 31 01:48:42 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 25 11:04:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	86761	40.625	nq	97
43) 2,4,5-Trichlorophenol	13.16	196	96478	40.381	nq	94
45) 1,1'-Biphenyl	13.48	154	279986	37.324	nq	99
46) 2-Chloronaphthalene	13.53	162	223071	38.230	nq	98
47) 2-Nitroaniline	13.73	65	79540	38.558	nq	100
48) Acenaphthylene	14.37	152	378452	38.719	nq	97
49) Dimethylphthalate	14.10	163	312234	36.832	nq	98
50) 2,6-Dinitrotoluene	14.22	165	72899	42.228	nq	94
51) Acenaphthene	14.71	154	212643	34.924	nq	98
52) 3-Nitroaniline	14.56	138	46430	26.315	nq	# 96
53) 2,4-Dinitrophenol	14.76	184	39630	47.551	nq	# 65
54) Dibenzofuran	15.04	168	372259	38.443	nq	93
55) 4-Nitrophenol	14.87	139	99910	79.512	nq	# 86
56) 2,4-Dinitrotoluene	15.01	165	109335	44.147	nq	90
57) Fluorene	15.70	166	315630	38.889	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.27	232	101833	44.455	nq	93
59) Diethylphthalate	15.46	149	328082	37.637	nq	98
60) 4-Chlorophenyl-phenylether	15.68	204	181092	37.963	nq	96
61) 4-Nitroaniline	15.72	138	75366	40.835	nq	# 76
62) Azobenzene	15.98	77	328690	38.228	nq	94
64) 4,6-Dinitro-2-methylphenol	15.78	198	53631	34.879	nq	81
65) n-Nitrosodiphenylamine	15.90	169	285625	36.329	nq	98
66) 4-Bromophenyl-phenylether	16.58	248	123325	38.484	nq	91
67) Hexachlorobenzene	16.70	284	130479	39.537	nq	# 91
68) Atrazine	16.85	200	138311	42.727	nq	95
69) Pentachlorophenol	17.05	266	111377	55.409	nq	97
70) Phenanthrene	17.43	178	548271	39.779	nq	99
71) Anthracene	17.52	178	562278	40.970	nq	97
72) Carbazole	17.80	167	512584	39.328	nq	98
73) Di-n-butylphthalate	18.34	149	589963	38.305	nq	# 98
74) Fluoranthene	19.44	202	733411	39.504	nq	97
76) Benzidine	19.62	184	258654	31.910	nq	98
77) Pyrene	19.80	202	733111	37.605	nq	98
79) Butylbenzylphthalate	20.68	149	276834	39.709	nq	96
80) Benzo(a)anthracene	21.63	228	745828	38.818	nq	98
81) 3,3'-Dichlorobenzidine	21.55	252	181850	27.145	nq	# 99
82) Chrysene	21.70	228	700167	39.325	nq	98
83) Bis(2-ethylhexyl)phthalate	21.53	149	375054	39.572	nq	99
84) Di-n-octyl phthalate	22.73	149	641531	40.426	nq	# 92
85) Indeno(1,2,3-cd)pyrene	28.49	276	773637	39.247	nq	# 85
87) Benzo(b)fluoranthene	23.84	252	694097	38.208	nq	# 96
88) Benzo(k)fluoranthene	23.90	252	704659	39.677	nq	# 98
89) Benzo(a)pyrene	24.70	252	682852	40.404	nq	# 97
90) Dibenzo(a,h)anthracene	28.55	278	644151	38.823	nq	95
91) Benzo(g,h,i)perylene	29.63	276	640240	39.433	nq	# 93

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



#1

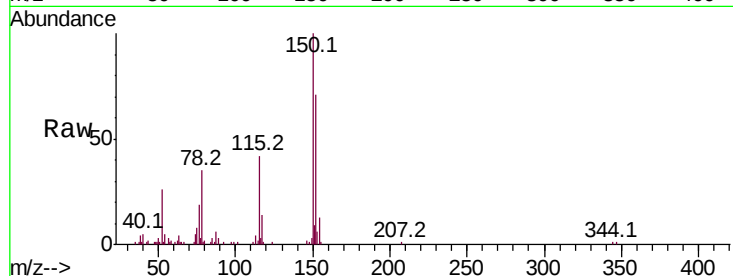
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG035984.D
Acq: 30 Jul 2018 20:13

Instrument :
BNA_G
ClientSampleId :
PB111523BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	141.6	126.6	189.8
115	59.8	53.0	79.4

Manual Integrations
APPROVED

Sohil
7/31/2018 12:20:51 PM

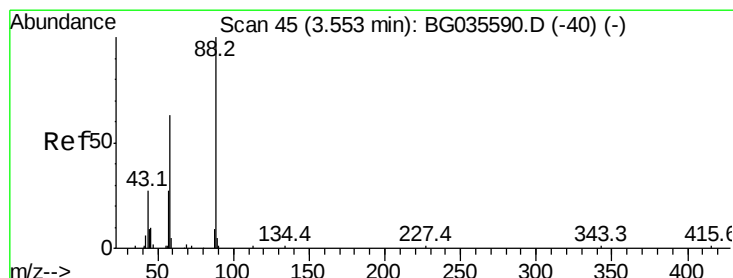
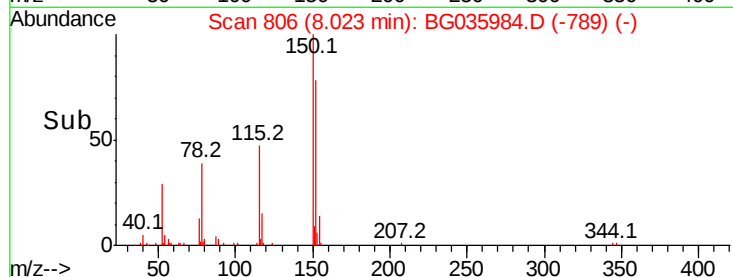
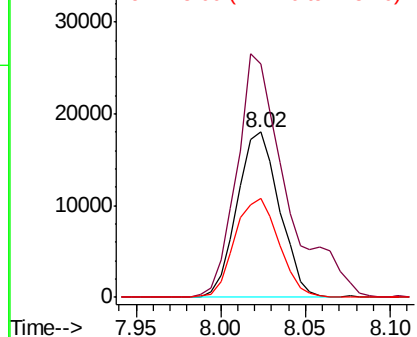


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

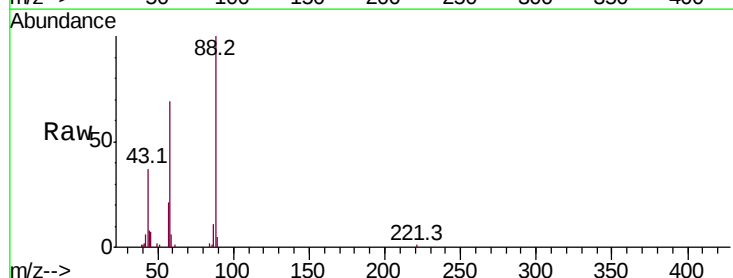
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 26.216 ng
RT: 3.51 min Scan# 38
Delta R.T. -0.01 min
Lab File: BG035984.D
Acq: 30 Jul 2018 20:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.1	79.6	119.4#
43	34.1	27.4	41.0

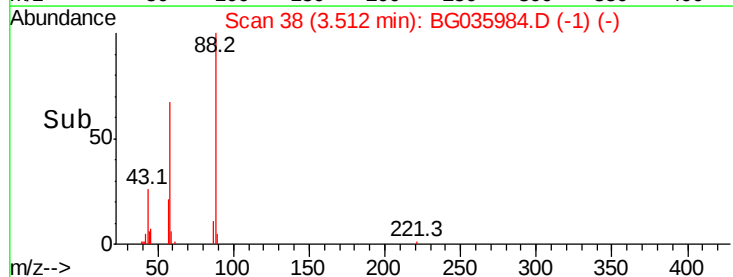
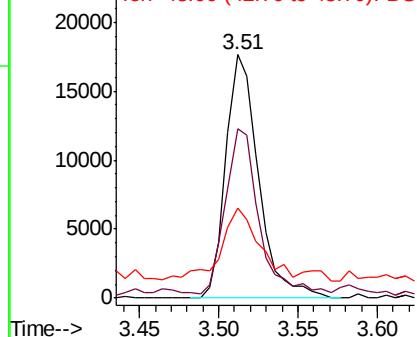


Abundance

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: 28.473 ng

RT: 3.91 min Scan# 105

Delta R.T. -0.01 min

Lab File: BG035984.D

Acq: 30 Jul 2018 20:13

Instrument :

BNA_G

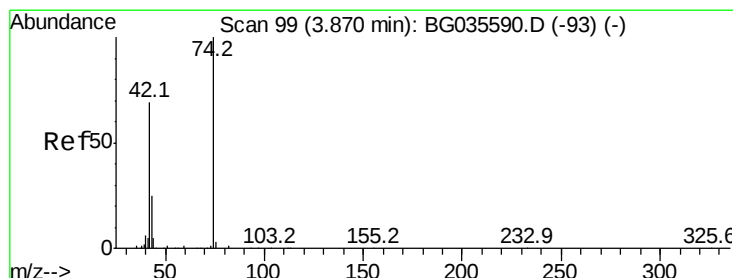
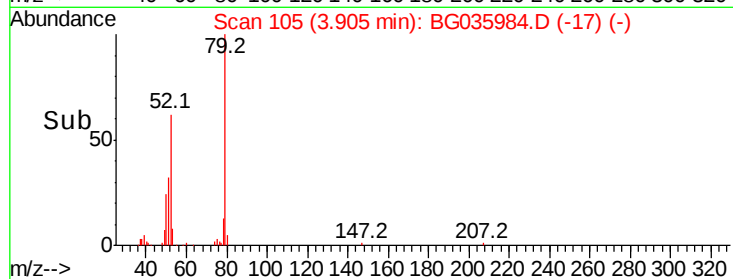
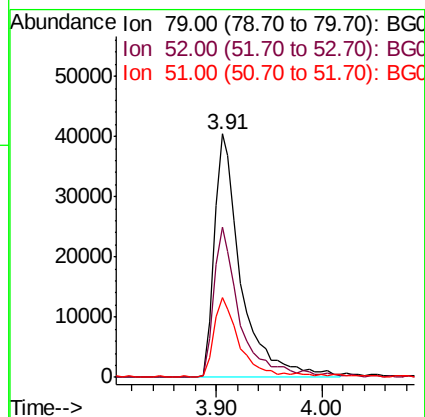
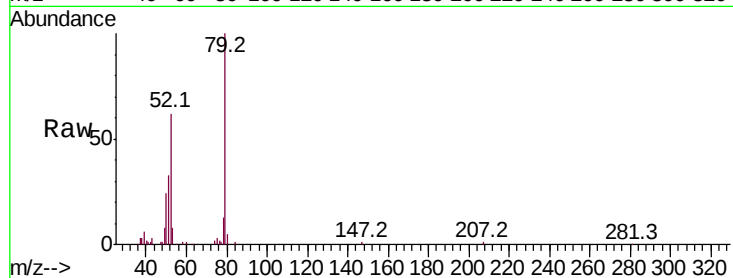
ClientSampleId :

PB111523BS

Tot Ion:	79	Resp:	71584
Ion Ratio	Lower	Upper	
79	100		
52	61.8	69.9	104.9#
51	32.6	34.0	51.0#

Manual Integrations
APPROVED

Sohil
7/31/2018 12:20:51 PM



#4

n-Nitrosodimethylamine

Concen: 30.500 ng

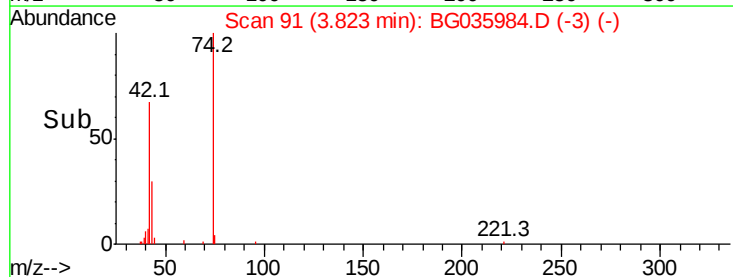
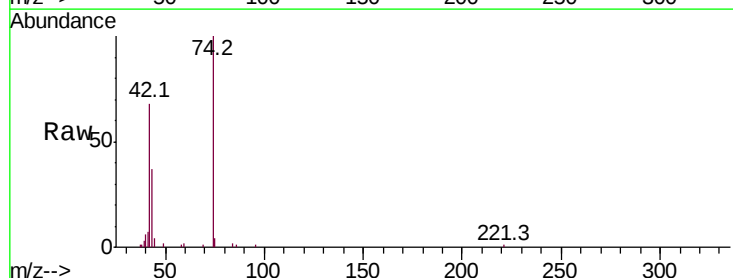
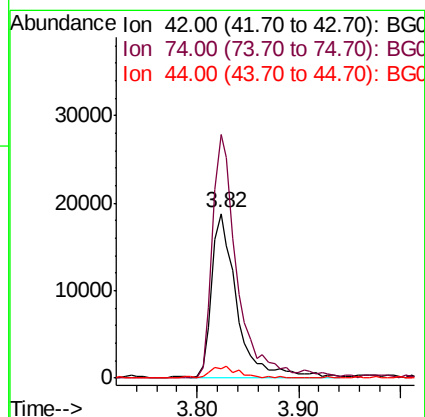
RT: 3.82 min Scan# 91

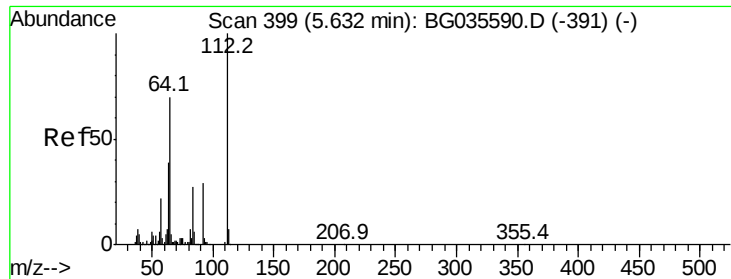
Delta R.T. -0.01 min

Lab File: BG035984.D

Acq: 30 Jul 2018 20:13

Tgt Ion:	42	Resp:	32925
Ion Ratio	Lower	Upper	
42	100		
74	147.7	102.5	153.7
44	5.6	18.9	28.3#





#5

2-Fluorophenol

Concen: 125.756 ng

RT: 5.60 min Scan# 394

Delta R.T. -0.00 min

Lab File: BG035984.D

Acq: 30 Jul 2018 20:13

Instrument :

BNA_G

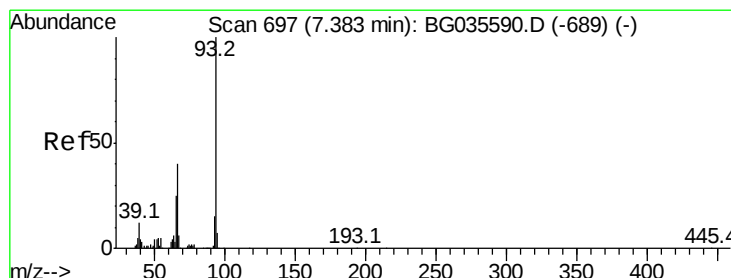
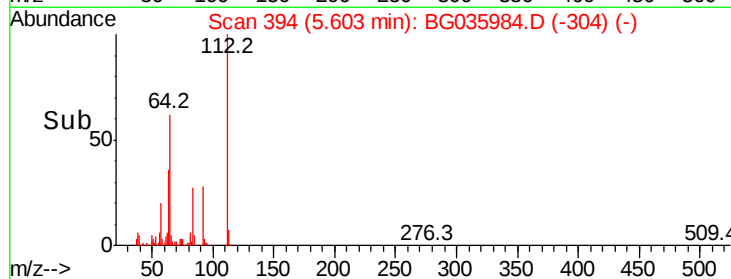
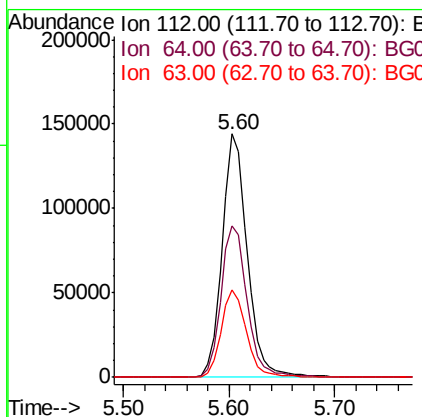
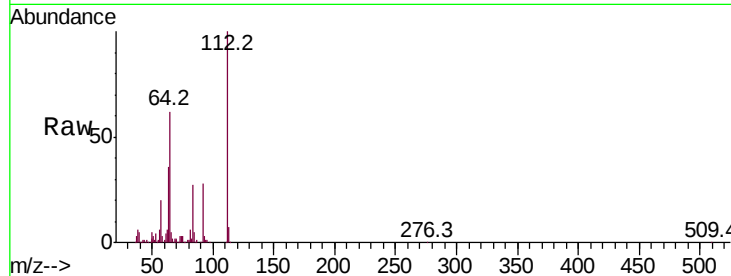
ClientSampleId :

PB111523BS

Tot Ion:	112	Resp:	237949
Ion Ratio	Lower	Upper	
112	100		
64	62.4	56.3	84.5
63	35.8	30.1	45.1

Manual Integrations
APPROVED

Sohil
7/31/2018 12:20:51 PM



#6

Aniline

Concen: 26.408 ng

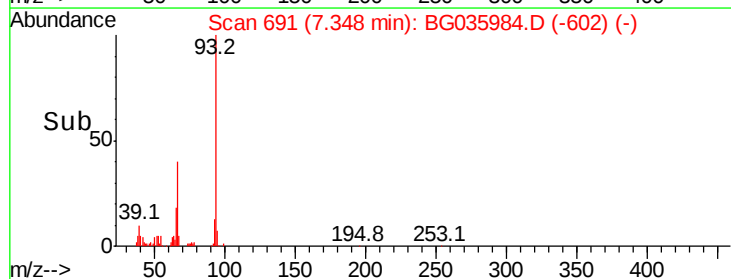
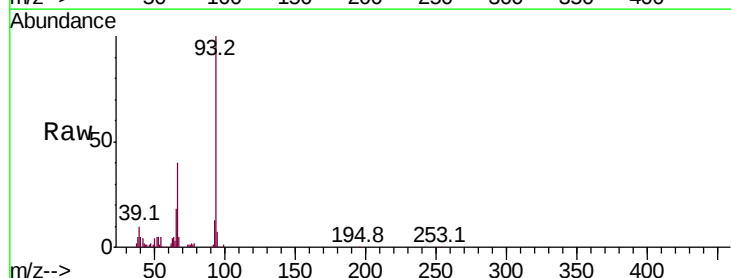
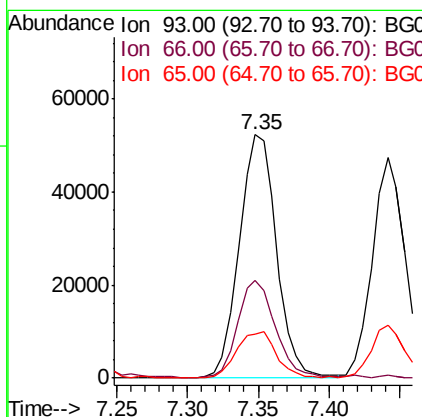
RT: 7.35 min Scan# 691

Delta R.T. -0.01 min

Lab File: BG035984.D

Acq: 30 Jul 2018 20:13

Tgt Ion:	93	Resp:	96628
Ion Ratio	Lower	Upper	
93	100		
66	40.2	33.7	50.5
65	18.3	16.1	24.1





#7

Phenol-d6

Concen: 126.310 ng

RT: 7.20 min Scan# 665

Delta R.T. -0.00 min

Lab File: BG035984.D

Acq: 30 Jul 2018 20:13

Instrument :

BNA_G

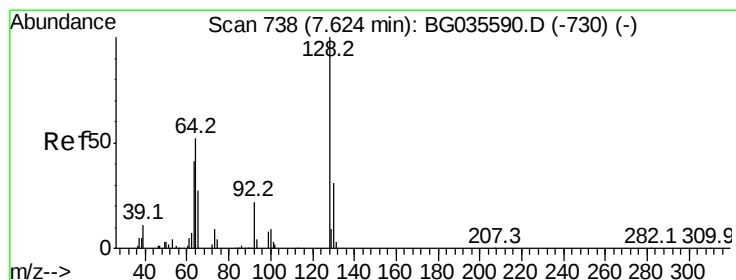
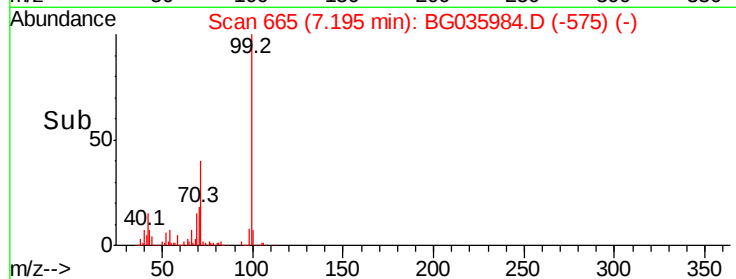
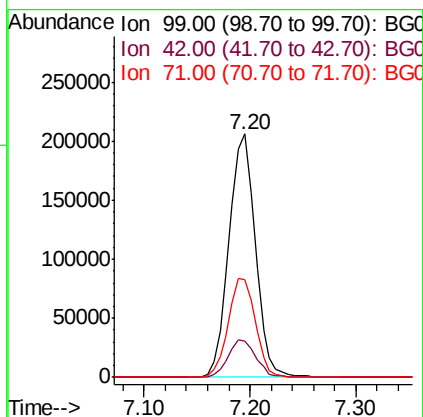
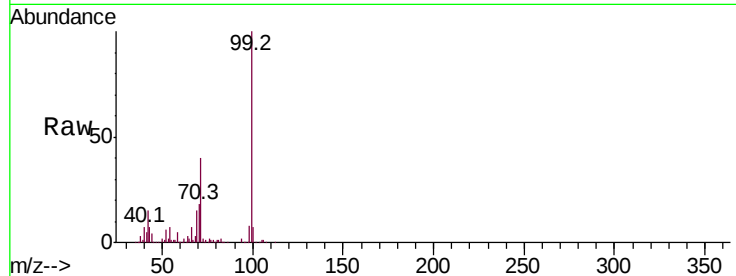
ClientSampleId :

PB111523BS

Tot Ion	Ratio	Resp	Lower	Upper
99	100			
42	15.1	14.1	21.1	
71	40.0	26.1	39.1	

Manual Integrations
APPROVED

Sohil
7/31/2018 12:20:51 PM



#8

2-Chlorophenol

Concen: 40.870 ng

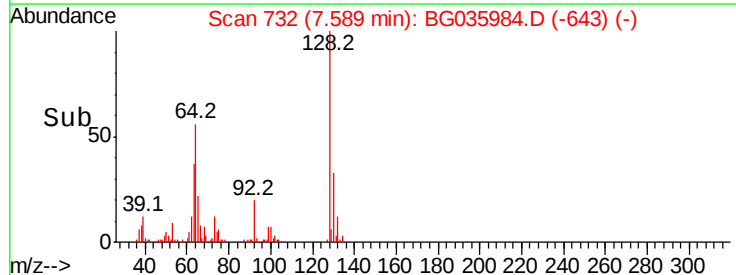
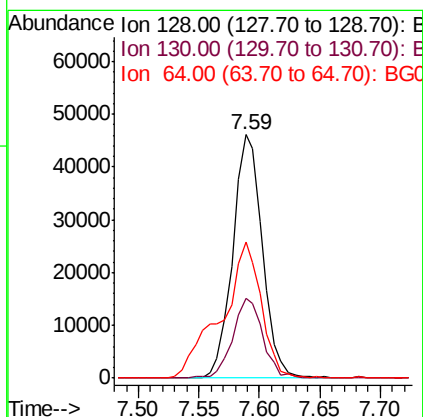
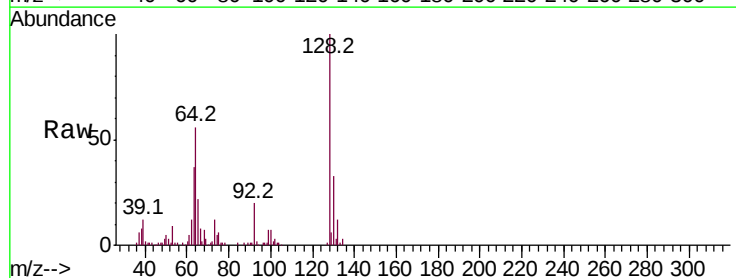
RT: 7.59 min Scan# 732

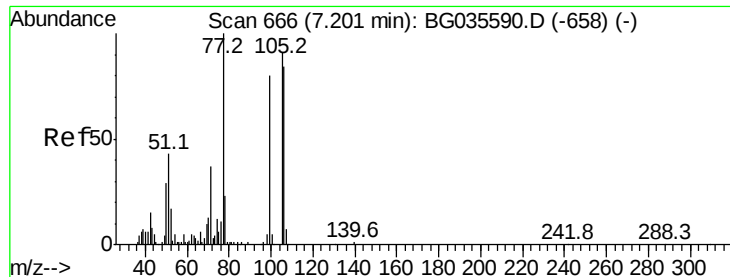
Delta R.T. -0.01 min

Lab File: BG035984.D

Acq: 30 Jul 2018 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
128	100			
130	32.8	14.0	54.0	
64	55.9	37.7	77.7	





#9

Benzaldehyde

Concen: 33.776 ng

RT: 7.17 min Scan# 660

Delta R.T. -0.00 min

Lab File: BG035984.D

Acq: 30 Jul 2018 20:13

Instrument :

BNA_G

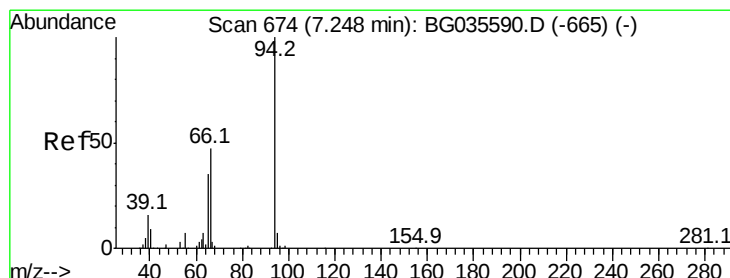
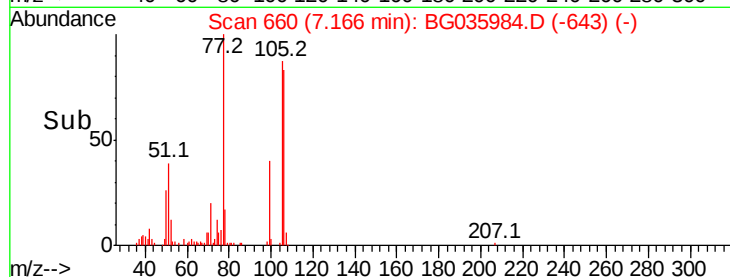
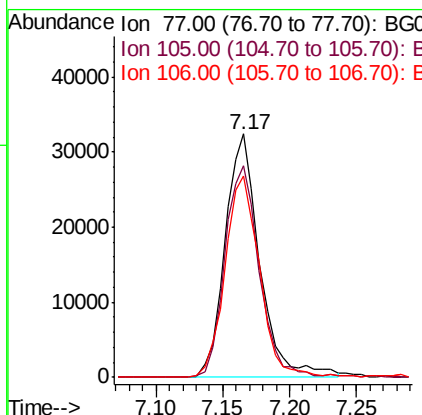
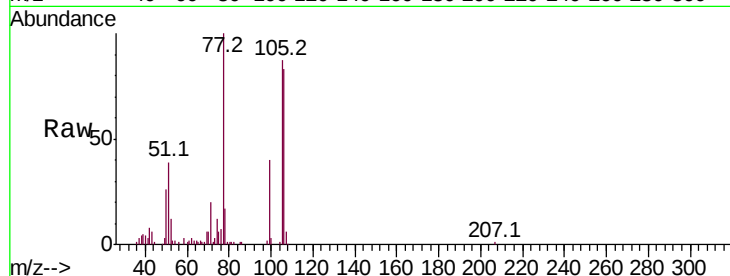
ClientSampleId :

PB111523BS

Tot Ion:	77	Resp:	58505
Ion	Ratio	Lower	Upper
77	100		
105	86.8	71.3	111.3
106	82.9	64.2	104.2

Manual Integrations
APPROVED

Sohil
7/31/2018 12:20:51 PM



#10

Phenol

Concen: 40.307 ng

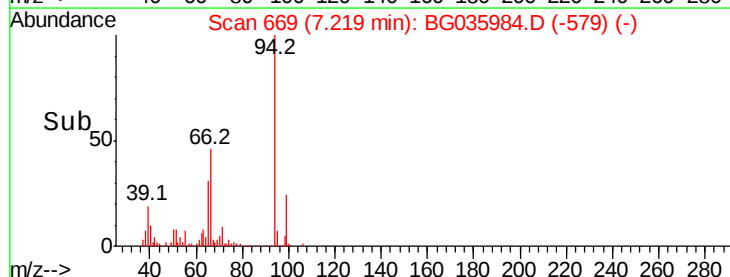
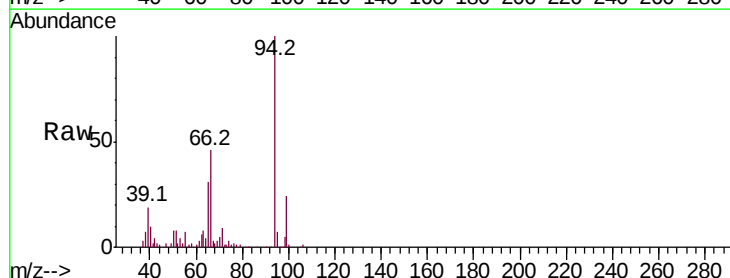
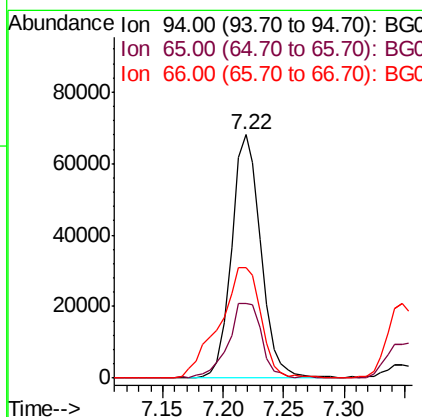
RT: 7.22 min Scan# 669

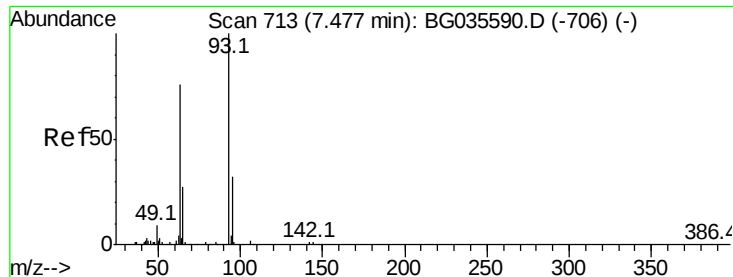
Delta R.T. -0.00 min

Lab File: BG035984.D

Acq: 30 Jul 2018 20:13

Tgt Ion:	94	Resp:	114960
Ion	Ratio	Lower	Upper
94	100		
65	30.9	11.9	51.9
66	45.6	22.2	62.2





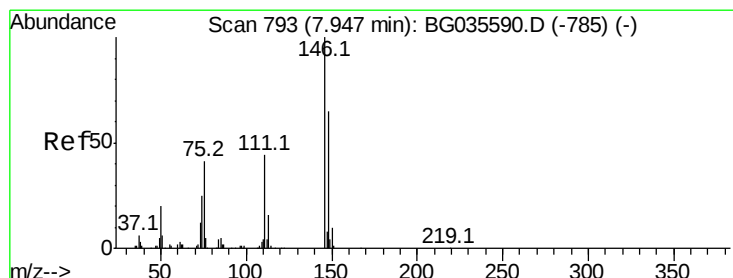
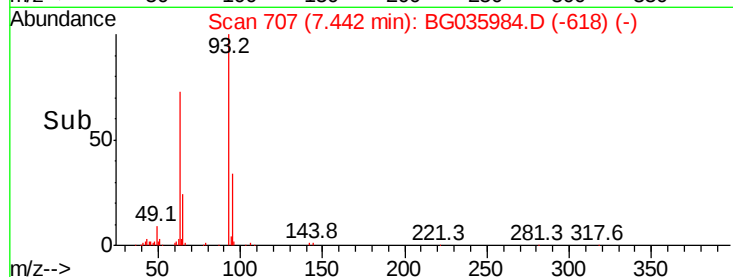
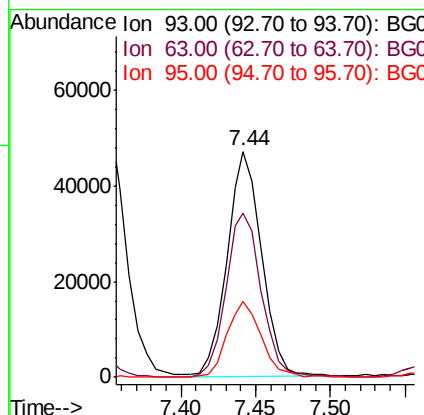
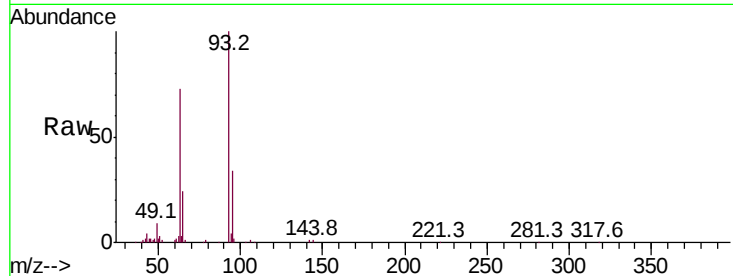
#11
bis(2-Chloroethyl)ether
Concen: 33.872 ng
RT: 7.44 min Scan# 707
Delta R.T. -0.01 min
Lab File: BG035984.D
Acq: 30 Jul 2018 20:13

Instrument :
BNA_G
ClientSampleId :
PB111523BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	72.7	67.1	107.1
95	33.8	11.5	51.5

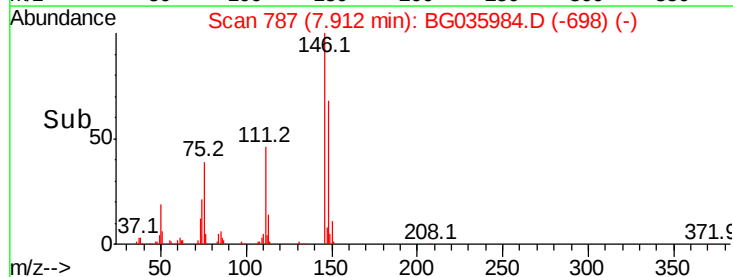
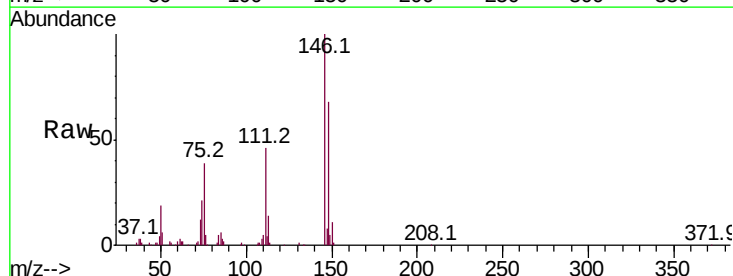
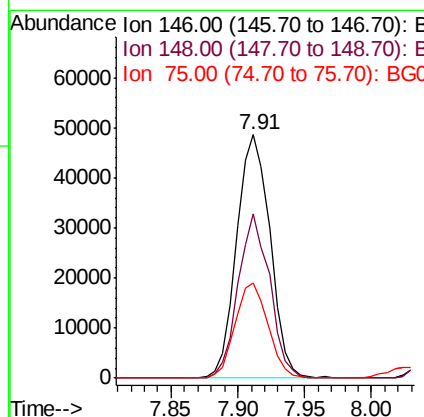
Manual Integrations
APPROVED

Sohil
7/31/2018 12:20:51 PM



#12
1,3-Dichlorobenzene
Concen: 36.157 ng
RT: 7.91 min Scan# 787
Delta R.T. -0.01 min
Lab File: BG035984.D
Acq: 30 Jul 2018 20:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.6	51.4	77.2
75	38.9	26.6	39.8





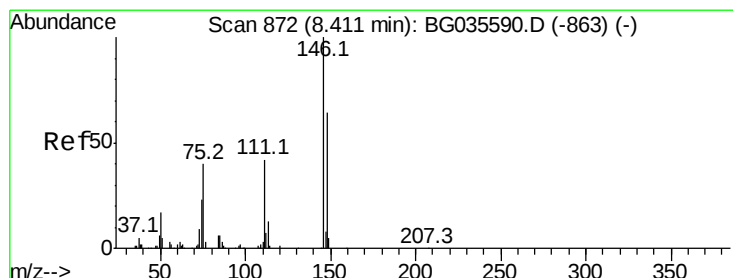
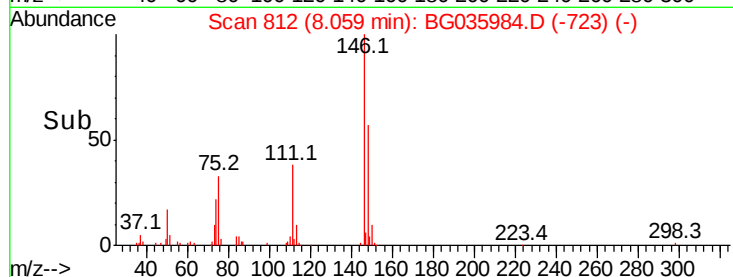
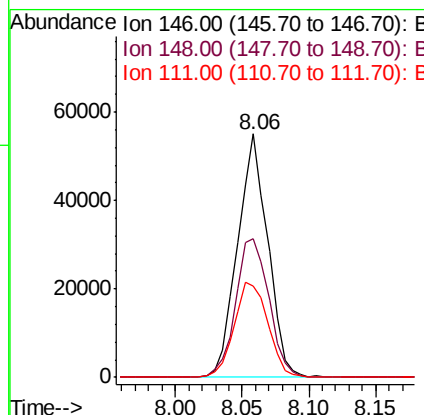
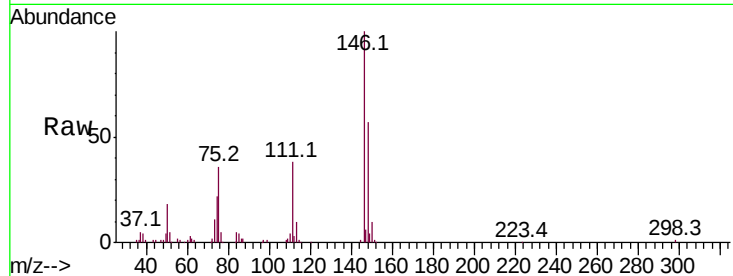
#13
 1,4-Dichlorobenzene
 Concen: 36.725 ng
 RT: 8.06 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BG035984.D
 Acq: 30 Jul 2018 20:13

Instrument :
 BNA_G
 ClientSampleId :
 PB111523BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	57.1	53.7	80.5
111	37.7	35.2	52.8

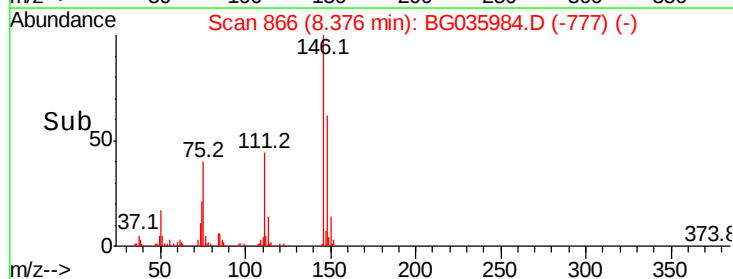
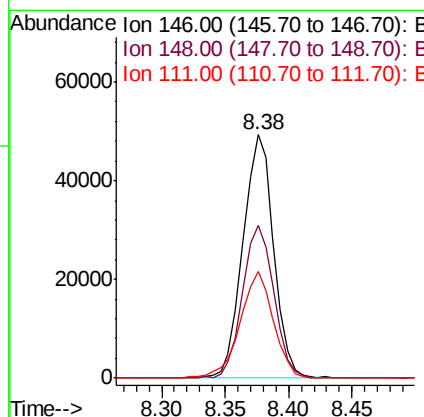
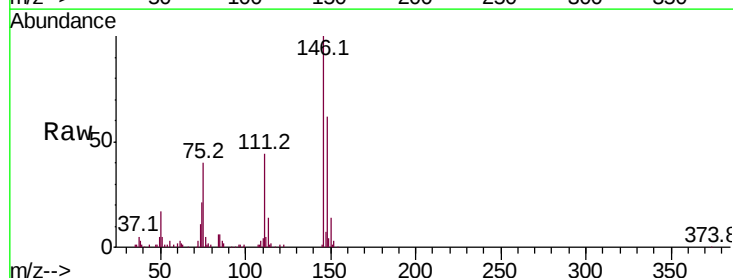
Manual Integrations
 APPROVED

Sohil
 7/31/2018 12:20:51 PM



#14
 1,2-Dichlorobenzene
 Concen: 36.417 ng
 RT: 8.38 min Scan# 866
 Delta R.T. -0.01 min
 Lab File: BG035984.D
 Acq: 30 Jul 2018 20:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.5	49.3	73.9
111	43.6	34.3	51.5





#15

Benzyl Alcohol

Concen: 34.522 ng

RT: 8.26 min Scan# 847

Delta R.T. -0.00 min

Lab File: BG035984.D

Acq: 30 Jul 2018 20:13

Instrument :

BNA_G

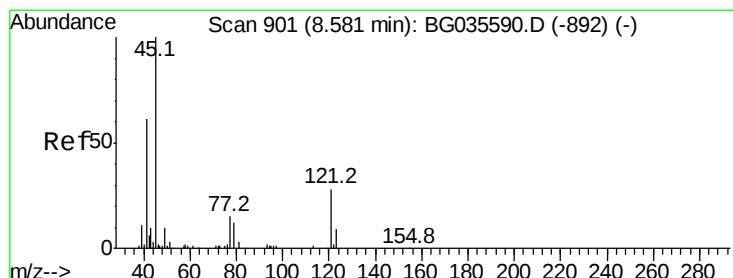
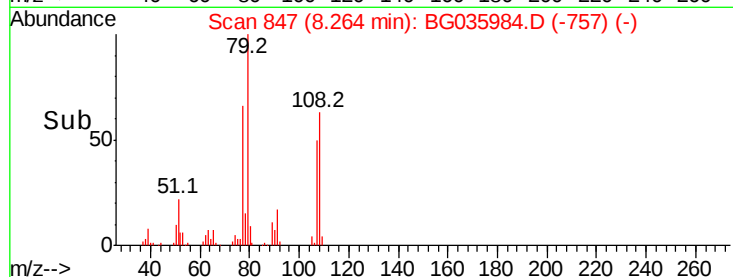
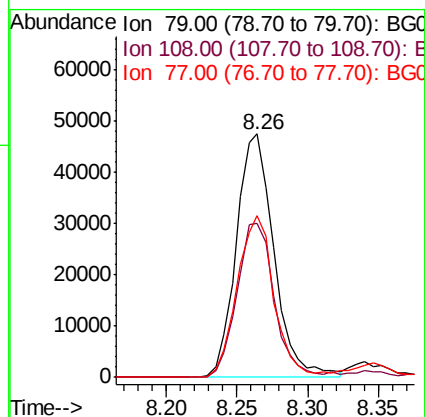
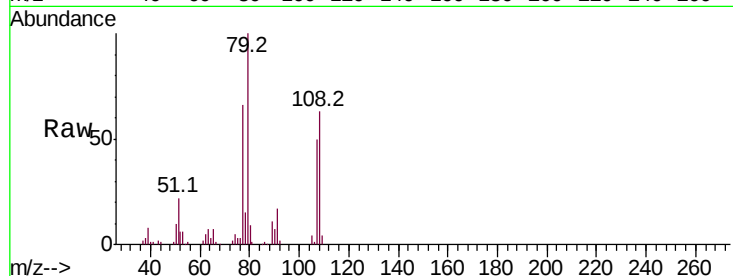
ClientSampled :

PB111523BS

Tot Ion:	79	Resp:	88501
Ion Ratio	Lower	Upper	
79	100		
108	63.3	57.2	85.8
77	66.3	46.1	69.1

Manual Integrations
APPROVED

Sohil
7/31/2018 12:20:51 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.677 ng

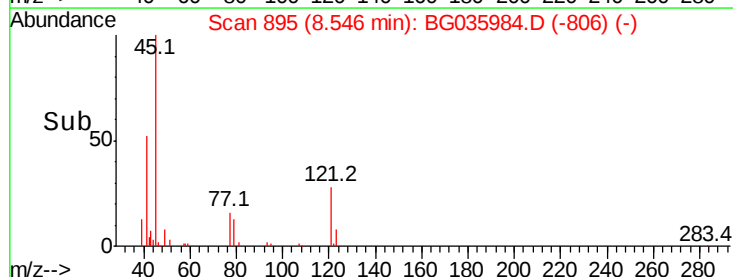
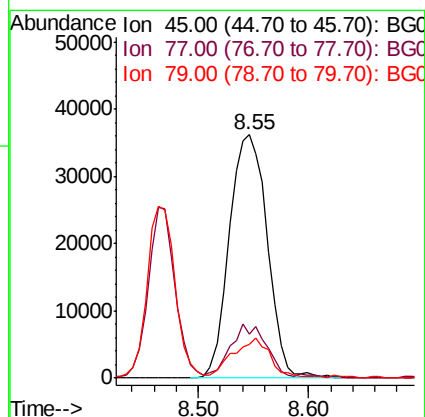
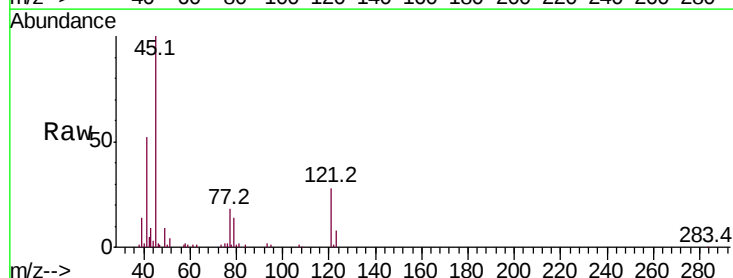
RT: 8.55 min Scan# 895

Delta R.T. -0.01 min

Lab File: BG035984.D

Acq: 30 Jul 2018 20:13

Tgt Ion:	45	Resp:	87408
Ion Ratio	Lower	Upper	
45	100		
77	18.1	0.0	30.2
79	13.8	0.0	27.9





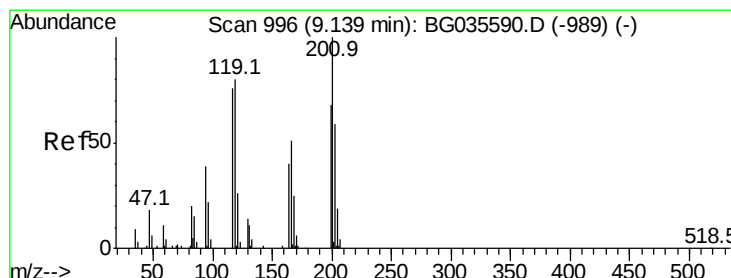
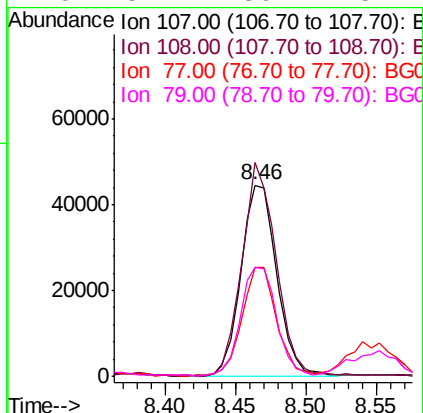
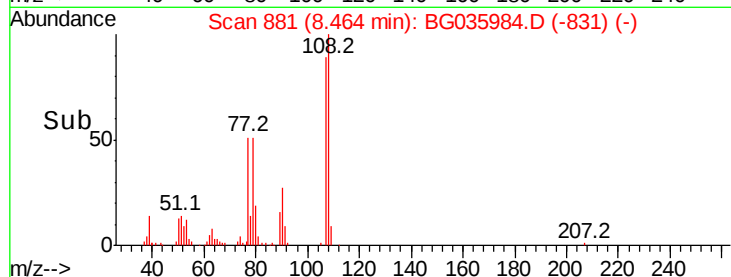
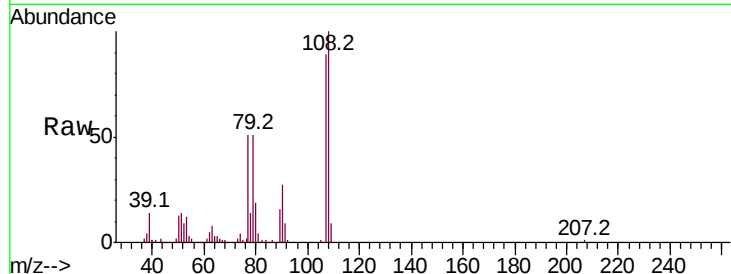
#17
2-Methylphenol
Concen: 40.898 ng
RT: 8.46 min Scan# 881
Delta R.T. -0.01 min
Lab File: BG035984.D
Acq: 30 Jul 2018 20:13

Instrument :
BNA_G
ClientSampleId :
PB111523BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.9	83.9	125.9
77	57.1	37.2	55.8#
79	57.4	36.2	54.2#

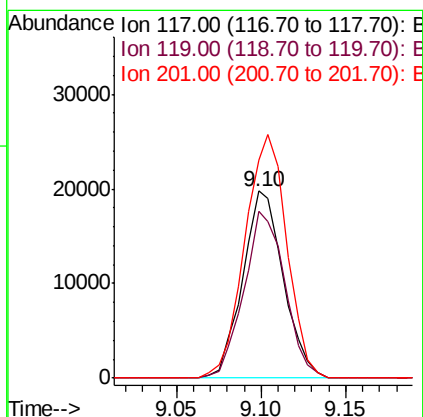
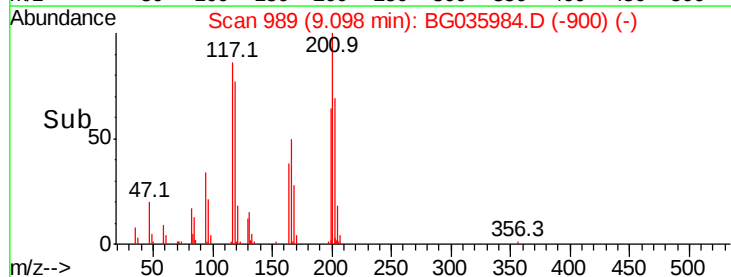
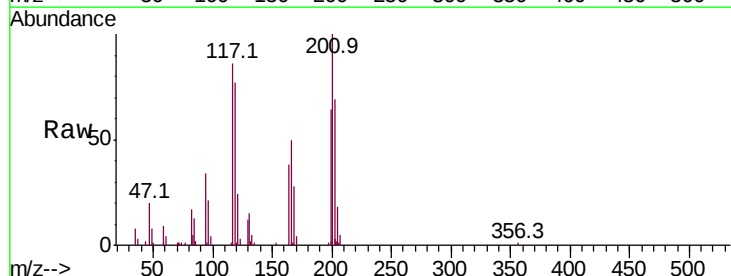
Manual Integrations
APPROVED

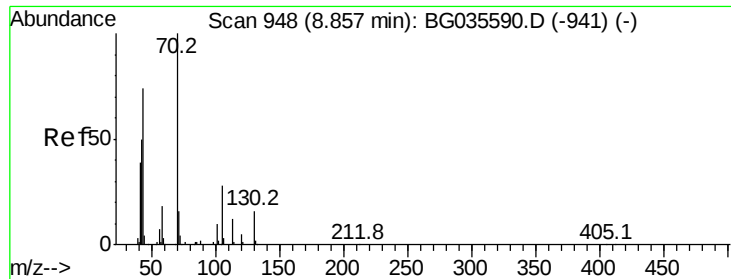
Sohil
7/31/2018 12:20:51 PM



#18
Hexachloroethane
Concen: 36.748 ng
RT: 9.10 min Scan# 989
Delta R.T. -0.01 min
Lab File: BG035984.D
Acq: 30 Jul 2018 20:13

Tgt Ion	Ratio	Lower	Upper
117	100		
119	89.4	76.7	115.1
201	116.6	95.7	143.5





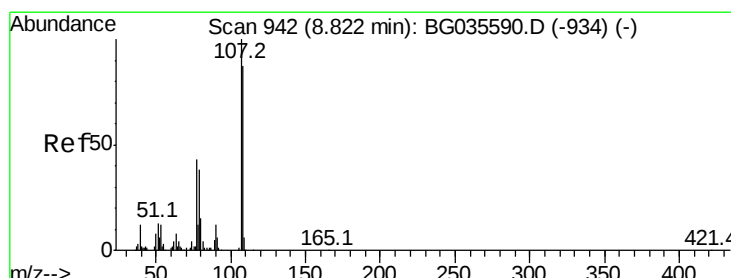
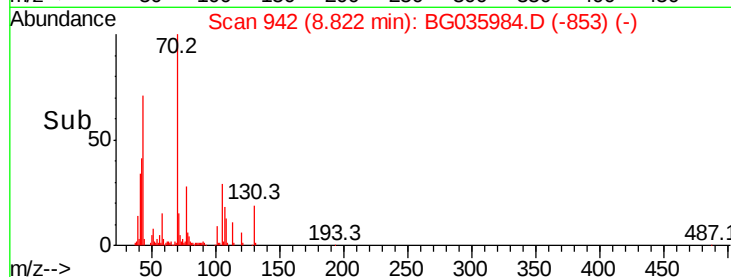
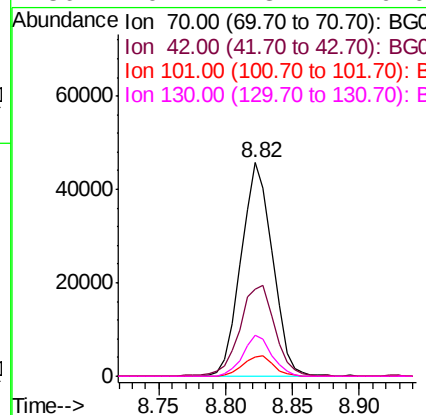
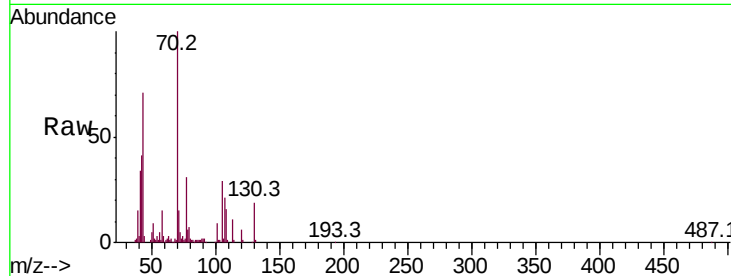
#19
n-Nitroso-di-n-propylamine
Concen: 31.460 ng
RT: 8.82 min Scan# 942
Delta R.T. -0.01 min
Lab File: BG035984.D
Acq: 30 Jul 2018 20:13

Instrument :
BNA_G
ClientSampleId :
PB111523BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	40.8	49.1	73.7#
101	9.2	8.5	12.7
130	19.1	13.4	20.0

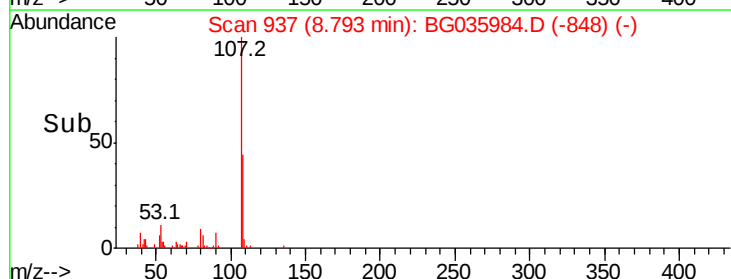
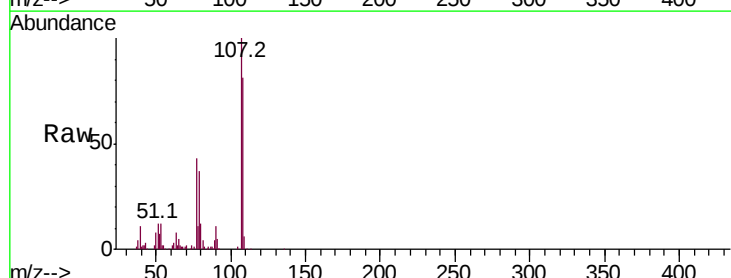
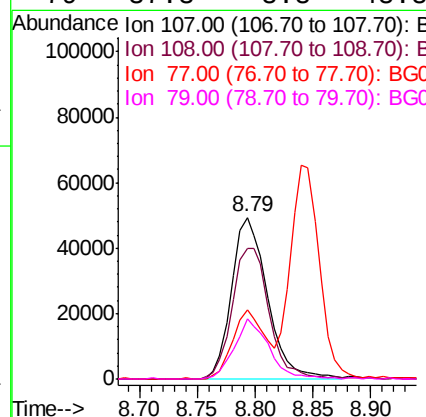
Manual Integrations
APPROVED

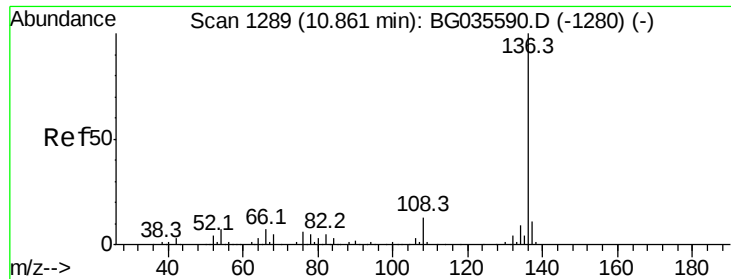
Sohil
7/31/2018 12:20:51 PM



#20
3+4-Methylphenols
Concen: 39.532 ng
RT: 8.79 min Scan# 937
Delta R.T. -0.01 min
Lab File: BG035984.D
Acq: 30 Jul 2018 20:13

Tgt Ion	Ratio	Lower	Upper
107	100		
108	80.7	61.6	101.6
77	42.9	13.9	53.9
79	37.3	8.8	48.8





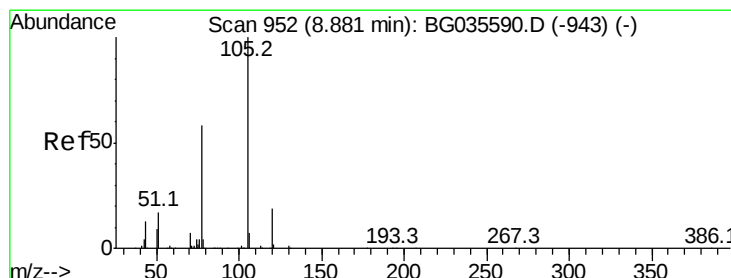
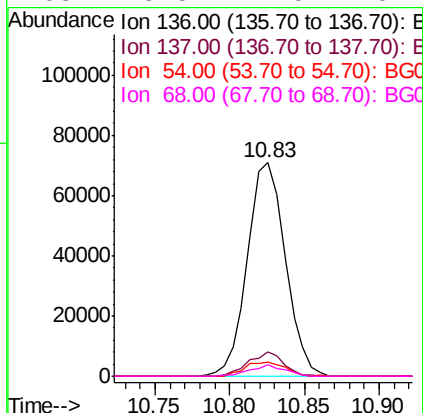
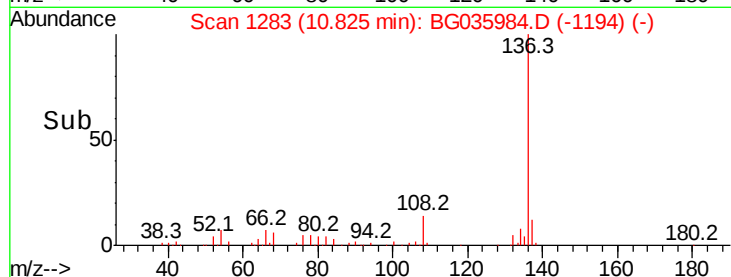
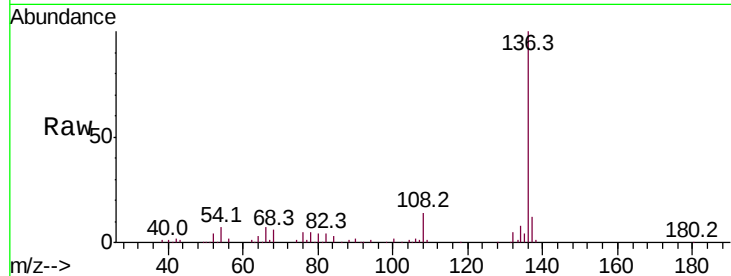
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BG035984.D
Acq: 30 Jul 2018 20:13

Instrument :
BNA_G
ClientSampleId :
PB111523BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.5	9.2	13.8	
54	6.5	10.3	15.5	
68	5.5	4.5	6.7	

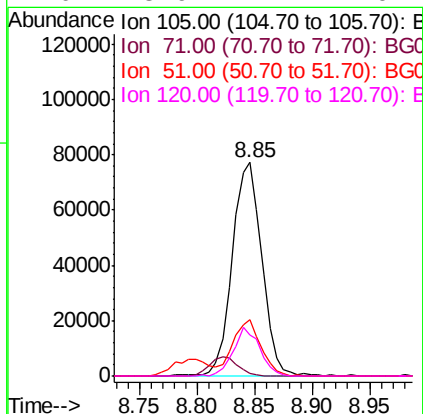
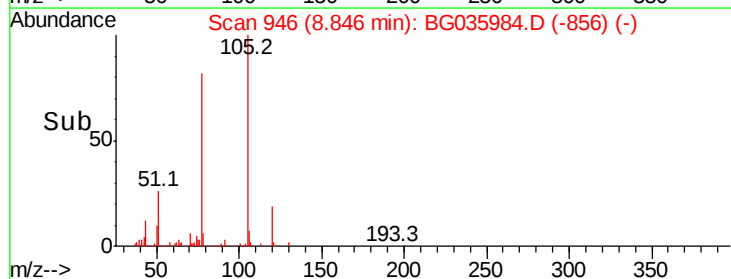
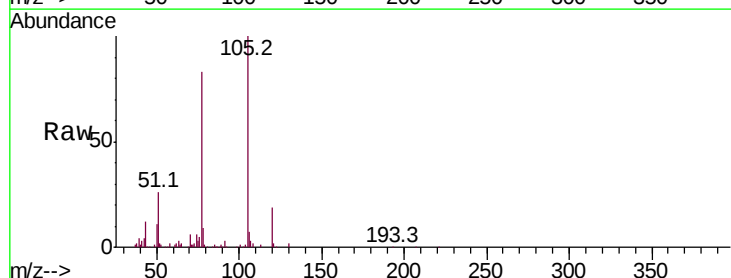
Manual Integrations
APPROVED

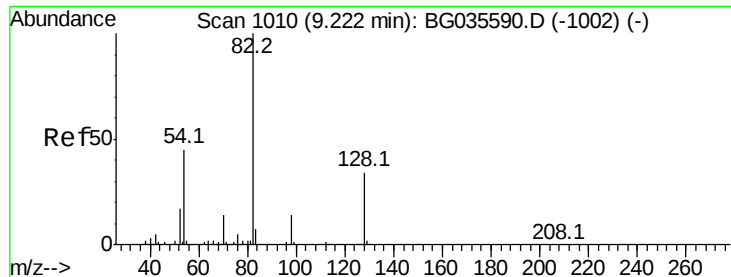
Sohil
7/31/2018 12:20:51 PM



#22
Acetophenone
Concen: 35.224 ng
RT: 8.85 min Scan# 946
Delta R.T. -0.00 min
Lab File: BG035984.D
Acq: 30 Jul 2018 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.0	3.0	4.4	
51	26.3	26.1	39.1	
120	18.9	17.4	26.2	





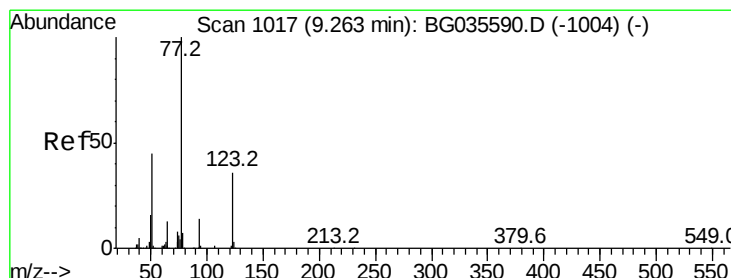
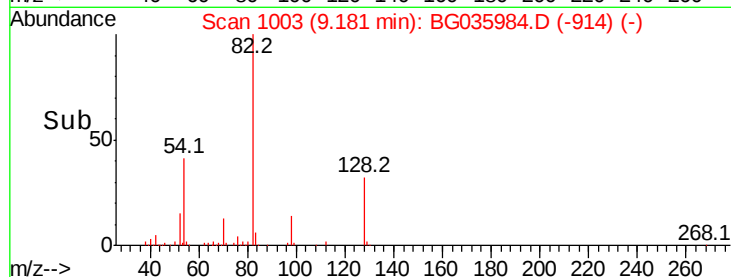
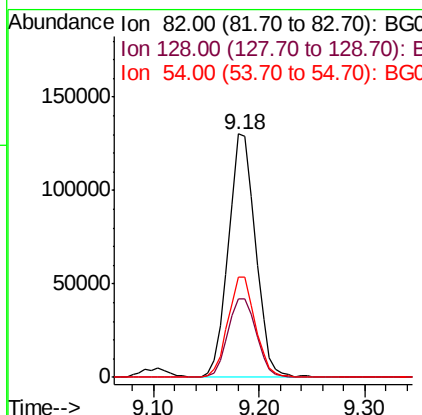
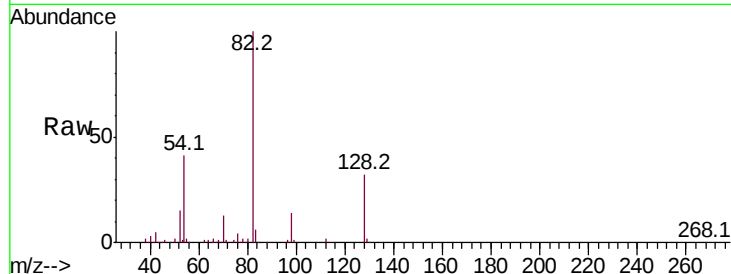
#23
Nitrobenzene-d5
Concen: 77.441 ng
RT: 9.18 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BG035984.D
Acq: 30 Jul 2018 20:13

Instrument :
BNA_G
ClientSampleId :
PB111523BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	32.1	29.7	44.5
54	41.3	43.1	64.7

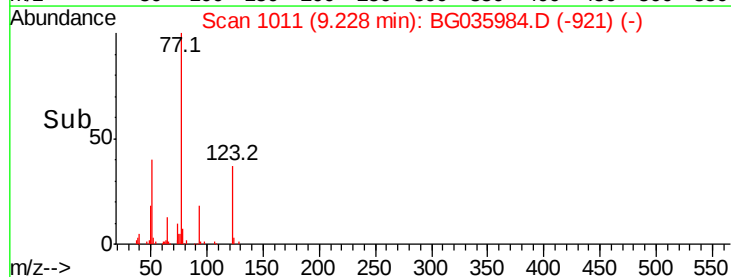
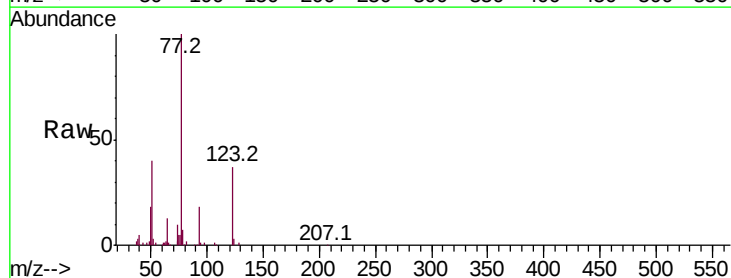
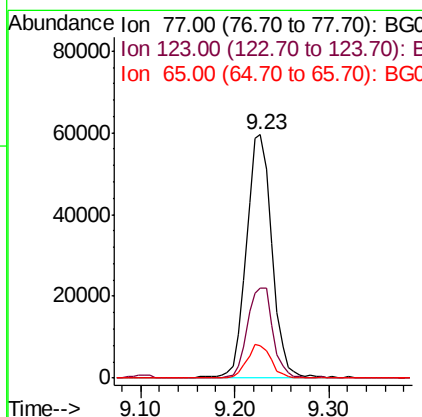
Manual Integrations
APPROVED

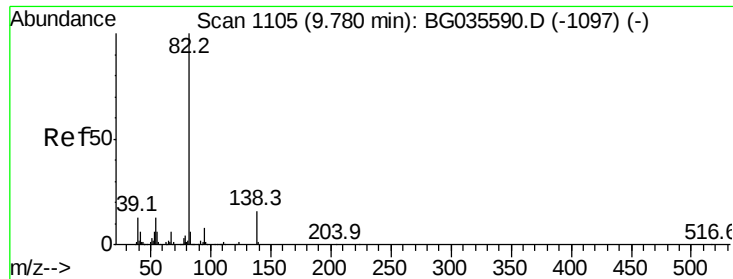
Sohil
7/31/2018 12:20:51 PM



#24
Nitrobenzene
Concen: 37.225 ng
RT: 9.23 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BG035984.D
Acq: 30 Jul 2018 20:13

Tgt Ion	Ratio	Lower	Upper
77	100		
123	36.8	33.0	49.6
65	13.2	13.0	19.6





#25

Isophorone

Concen: 38.000 ng

RT: 9.74 min Scan# 1099

Delta R.T. -0.01 min

Lab File: BG035984.D

Acq: 30 Jul 2018 20:13

Instrument :

BNA_G

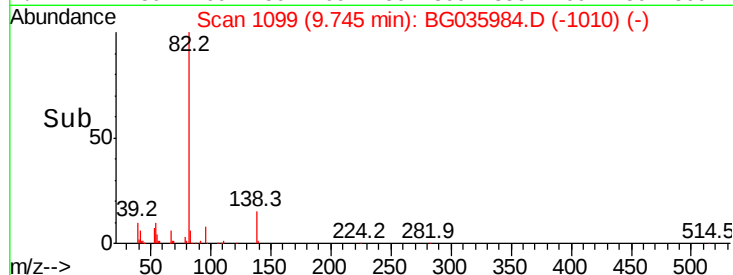
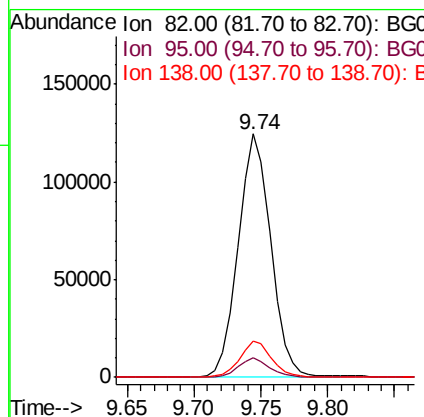
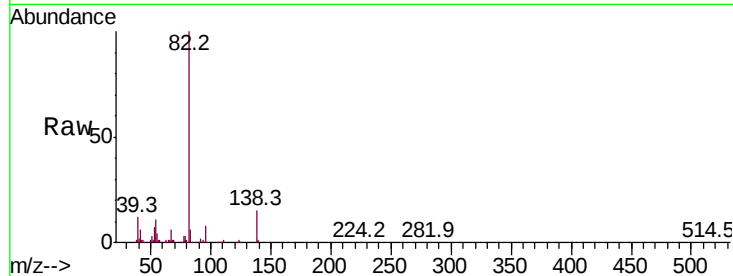
ClientSampleId :

PB111523BS

Tot Ion	82	Resp	210816
Ion Ratio	Lower	Upper	
82	100		
95	7.9	6.2	9.2
138	15.0	12.1	18.1

Manual Integrations
APPROVED

Sohil
7/31/2018 12:20:51 PM



#26

2-Nitrophenol

Concen: 42.079 ng

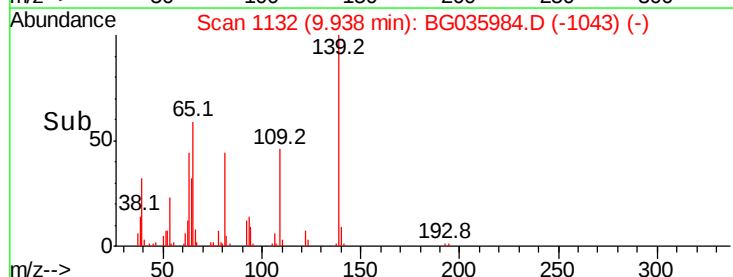
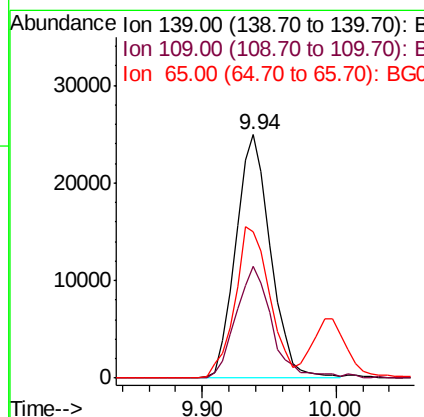
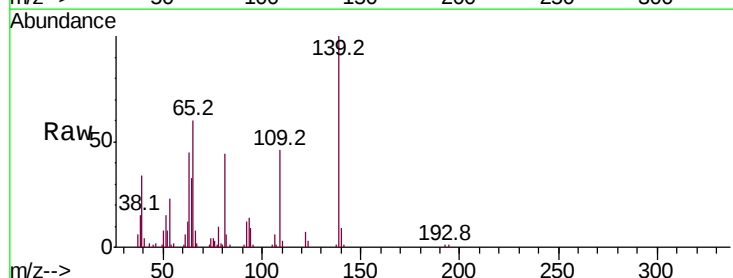
RT: 9.94 min Scan# 1132

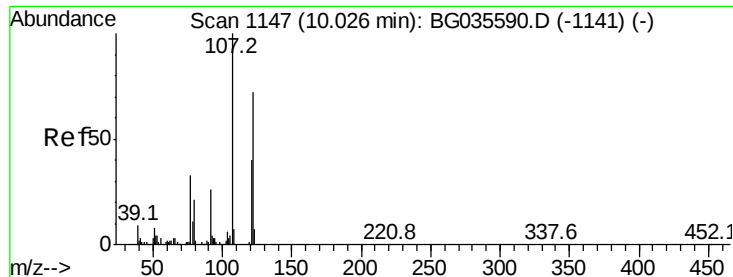
Delta R.T. -0.01 min

Lab File: BG035984.D

Acq: 30 Jul 2018 20:13

Tgt Ion	139	Resp	44917
Ion Ratio	Lower	Upper	
139	100		
109	45.8	24.2	36.2#
65	60.3	47.4	71.0





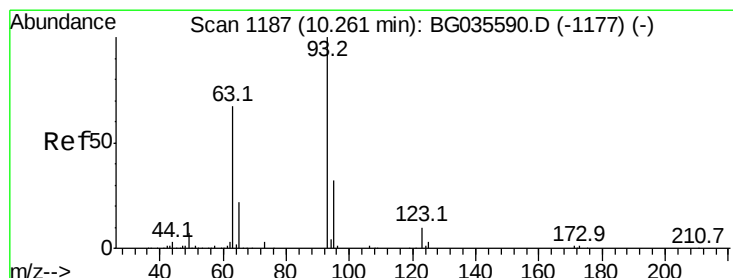
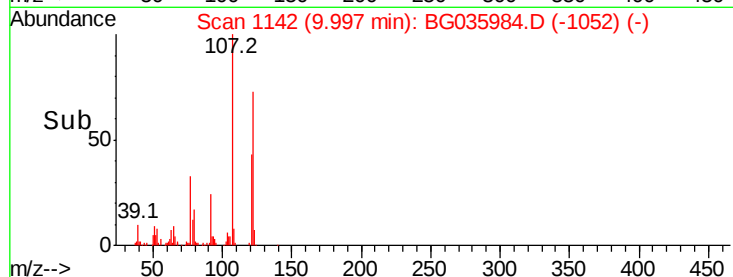
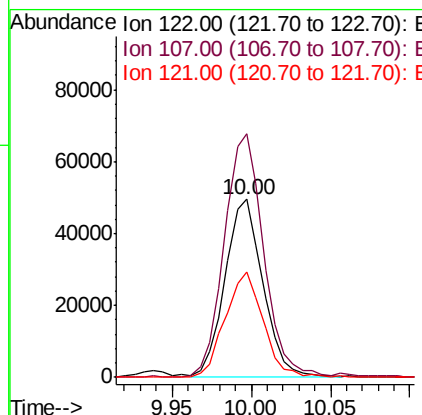
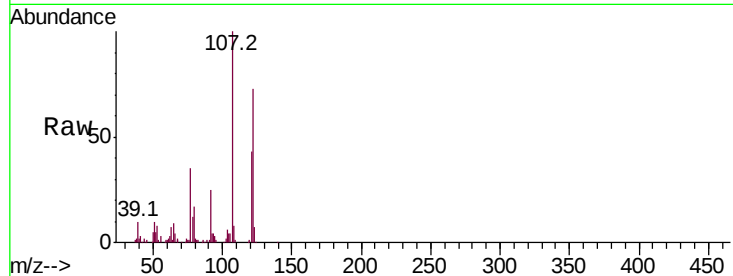
#27
2,4-Dimethylphenol
Concen: 45.131 ng
RT: 10.00 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BG035984.D
Acq: 30 Jul 2018 20:13

Instrument :
BNA_G
ClientSampleId :
PB111523BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	136.8	100.2	150.2
121	59.3	44.4	66.6

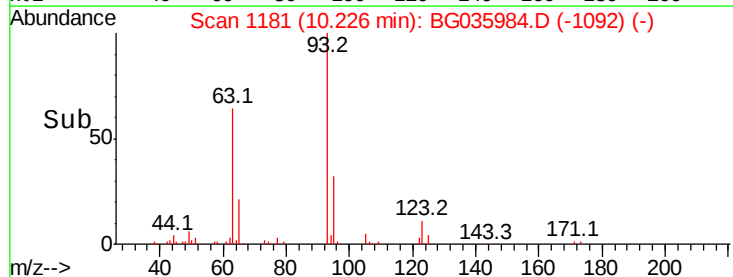
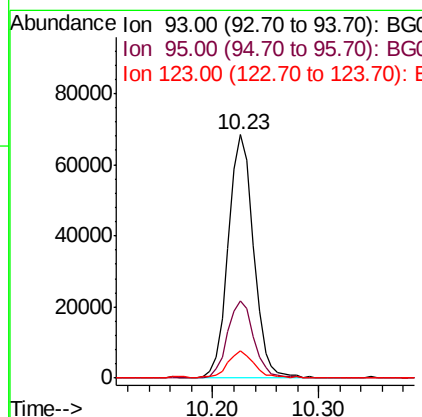
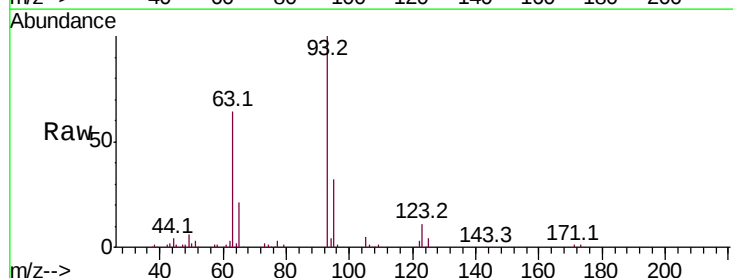
Manual Integrations
APPROVED

Sohil
7/31/2018 12:20:51 PM



#28
bis(2-Chloroethoxy)methane
Concen: 37.145 ng
RT: 10.23 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BG035984.D
Acq: 30 Jul 2018 20:13

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.8	24.3	36.5
123	11.4	8.4	12.6





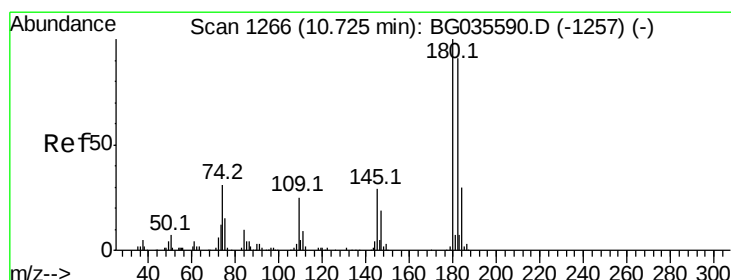
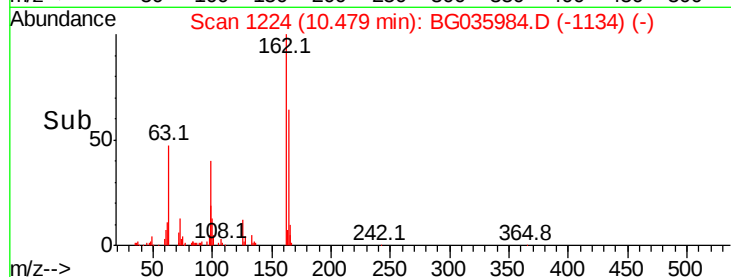
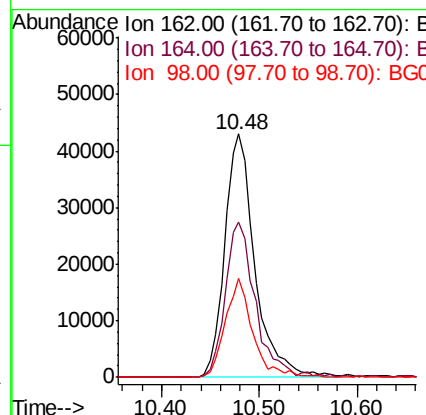
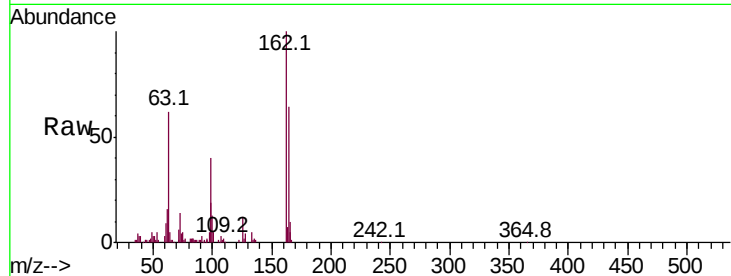
#29
2,4-Dichlorophenol
Concen: 44.670 ng
RT: 10.48 min Scan# 1224
Delta R.T. -0.00 min
Lab File: BG035984.D
Acq: 30 Jul 2018 20:13

Instrument :
BNA_G
ClientSampleId :
PB111523BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	48.0	88.0
98	40.4	21.1	61.1

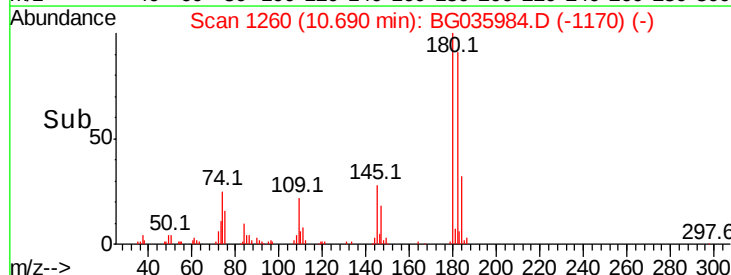
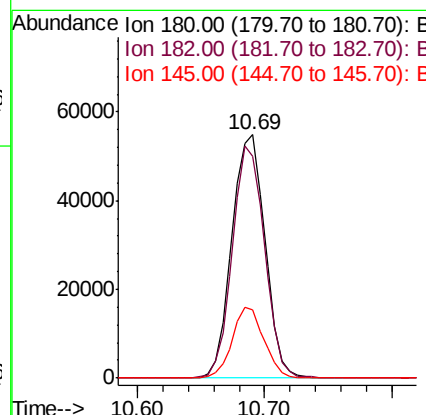
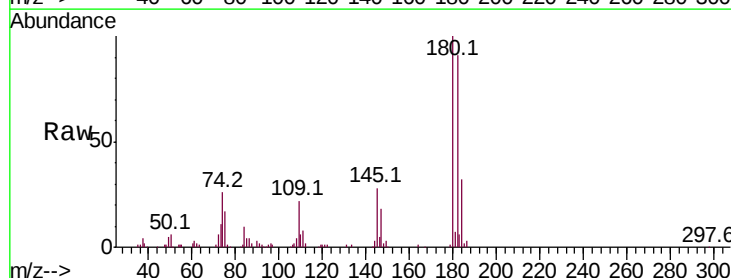
Manual Integrations
APPROVED

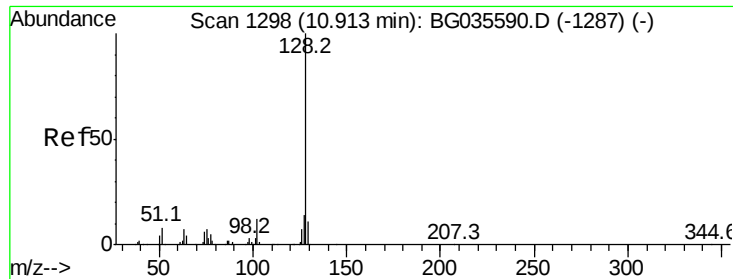
Sohil
7/31/2018 12:20:51 PM



#30
1,2,4-Trichlorobenzene
Concen: 39.162 ng
RT: 10.69 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BG035984.D
Acq: 30 Jul 2018 20:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.0	77.5	116.3
145	28.0	23.4	35.2





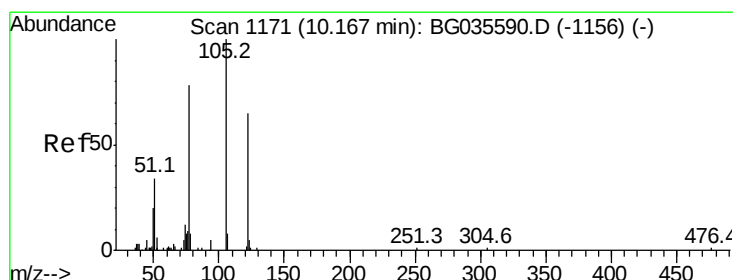
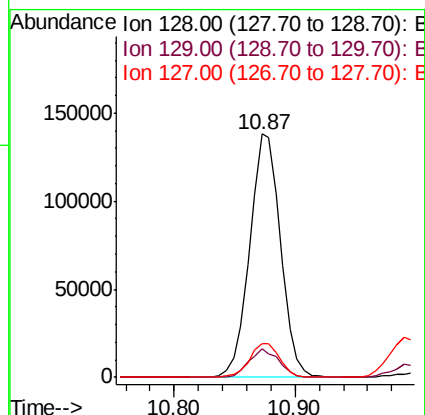
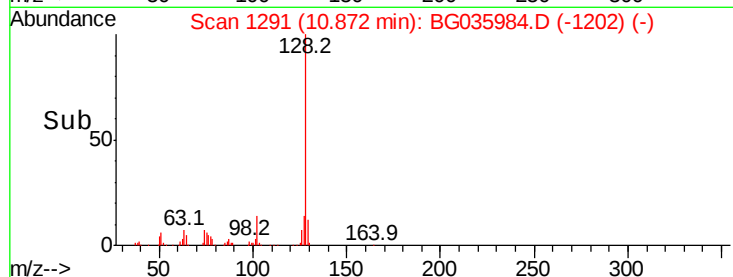
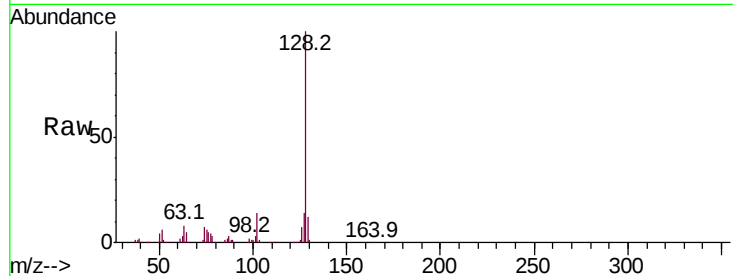
#31
Naphthalene
Concen: 37.842 ng
RT: 10.87 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BG035984.D
Acq: 30 Jul 2018 20:13

Instrument :
BNA_G
ClientSampleId :
PB111523BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	246103		
129	11.7	8.6	12.8	
127	13.9	11.6	17.4	

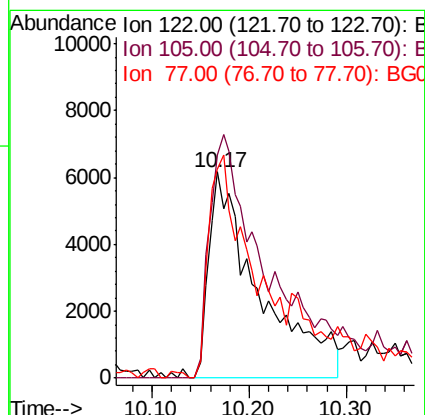
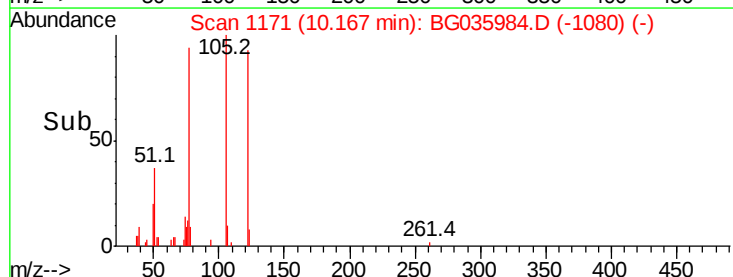
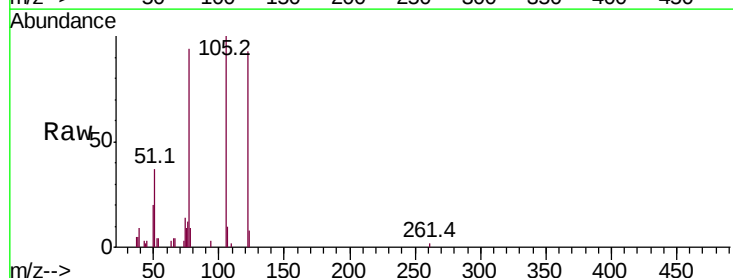
Manual Integrations
APPROVED

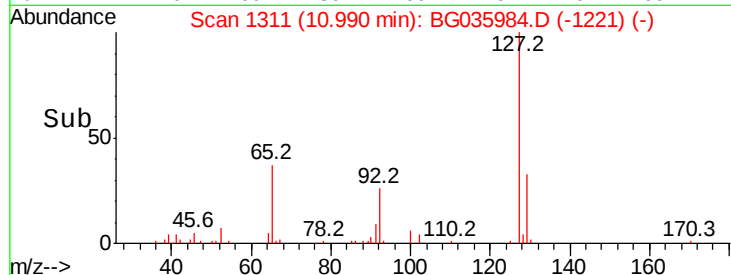
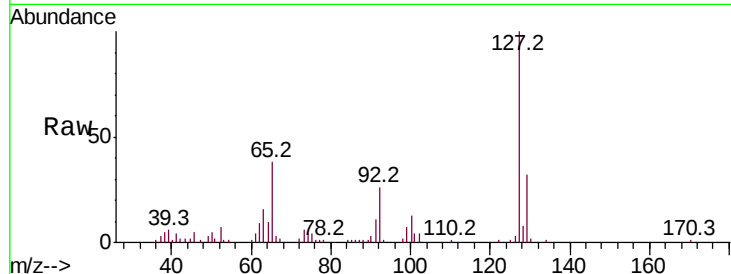
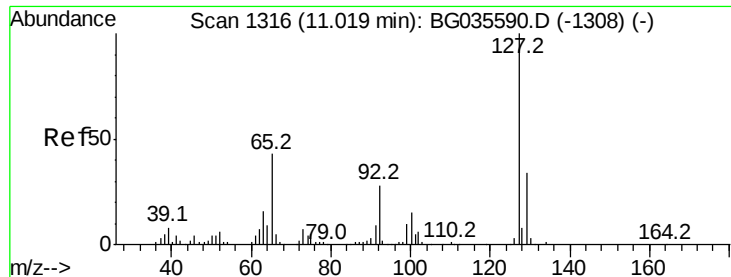
Sohil
7/31/2018 12:20:51 PM



#32
Benzoic acid
Concen: 18.217 ng m
RT: 10.17 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BG035984.D
Acq: 30 Jul 2018 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	22159		
105	108.1	123.5	163.5#	
77	101.6	85.7	125.7	





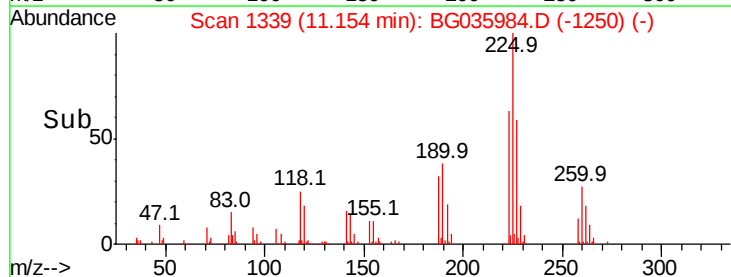
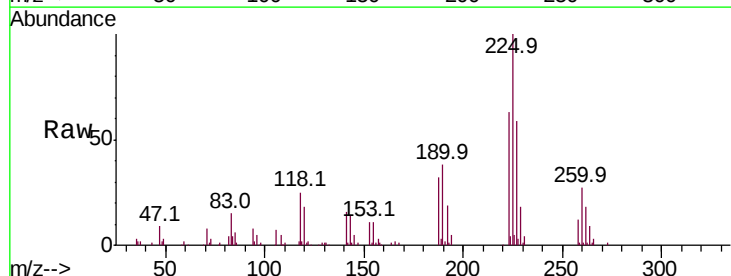
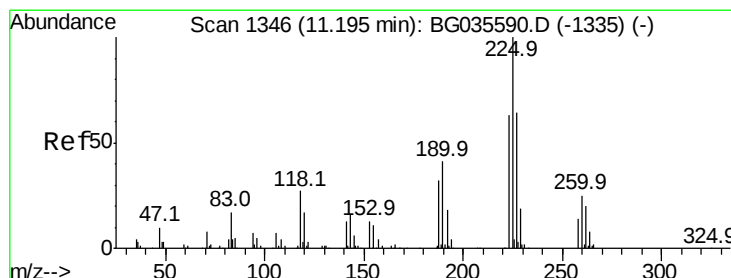
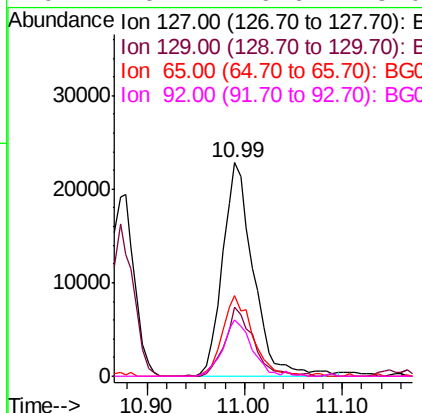
#33
4-Chloroaniline
Concen: 17.573 ng
RT: 10.99 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BG035984.D
Acq: 30 Jul 2018 20:13

Instrument :
BNA_G
ClientSampleId :
PB111523BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.4	24.0	36.0
65	38.0	27.0	40.4
92	26.4	16.6	25.0

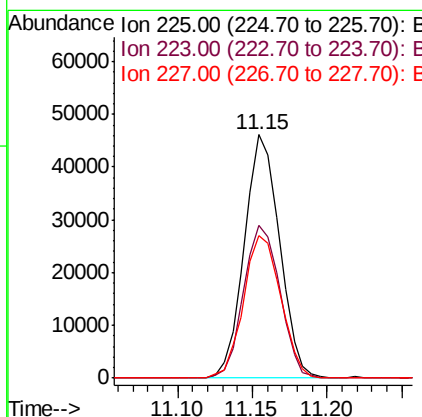
Manual Integrations
APPROVED

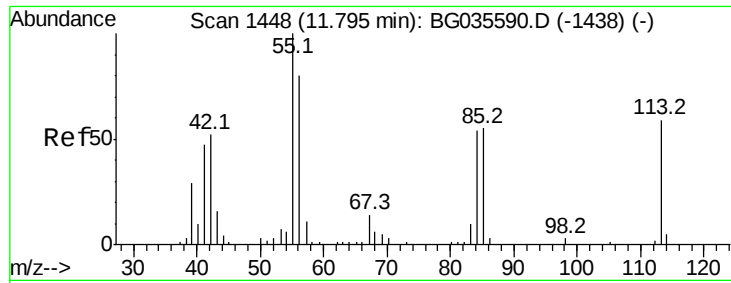
Sohil
7/31/2018 12:20:51 PM



#34
Hexachlorobutadiene
Concen: 38.221 ng
RT: 11.15 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BG035984.D
Acq: 30 Jul 2018 20:13

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	49.7	74.5
227	58.6	48.1	72.1





#35

Caprolactam

Concen: 38.101 ng/mL

RT: 11.76 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BG035984.D

Acq: 30 Jul 2018 20:13

Instrument :

BNA_G

ClientSampled :

PB111523BS

Tot Ion:113 Resp: 33724

Ion Ratio Lower Upper

113 100

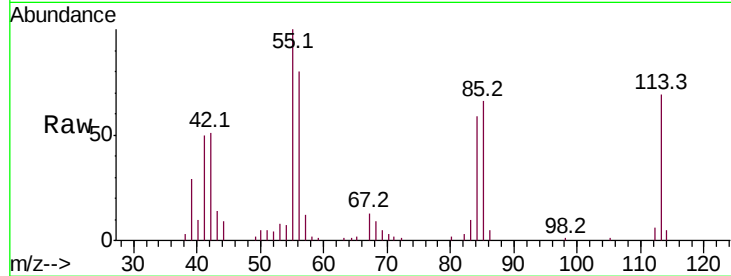
55 145.5 186.9 226.9#

56 115.8 130.9 170.9#

Manual Integrations
APPROVED

Sohil

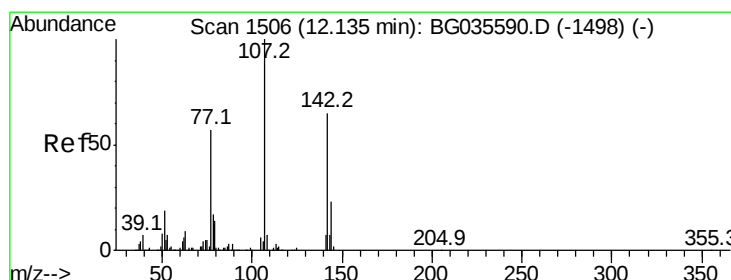
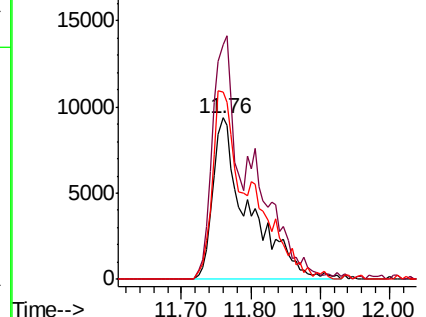
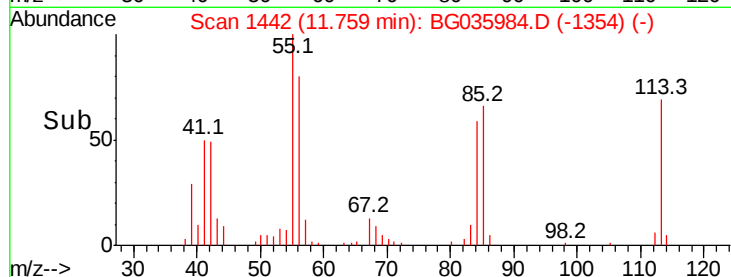
7/31/2018 12:20:51 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 41.773 ng/mL

RT: 12.11 min Scan# 1501

Delta R.T. -0.01 min

Lab File: BG035984.D

Acq: 30 Jul 2018 20:13

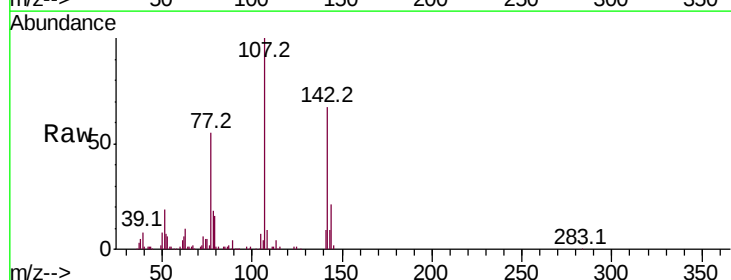
Tgt Ion:107 Resp: 115490

Ion Ratio Lower Upper

107 100

144 20.6 18.2 27.4

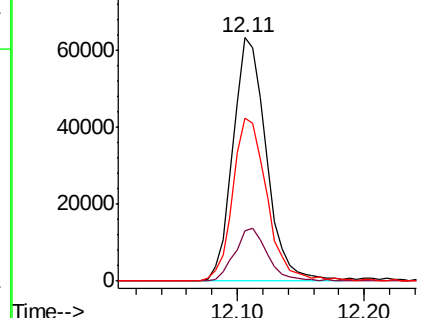
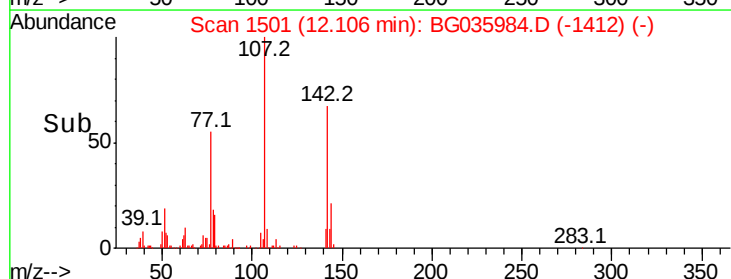
142 66.9 59.0 88.4



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





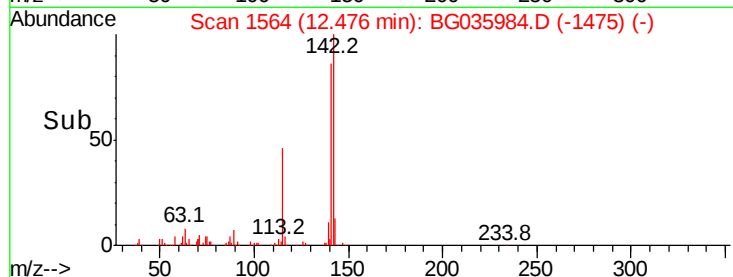
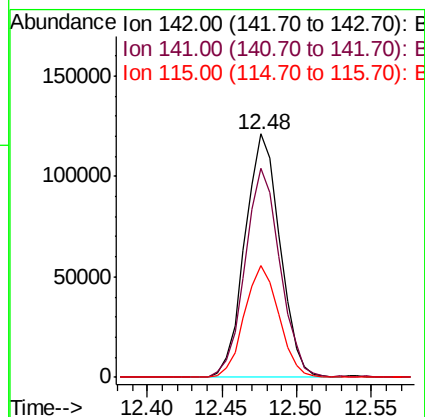
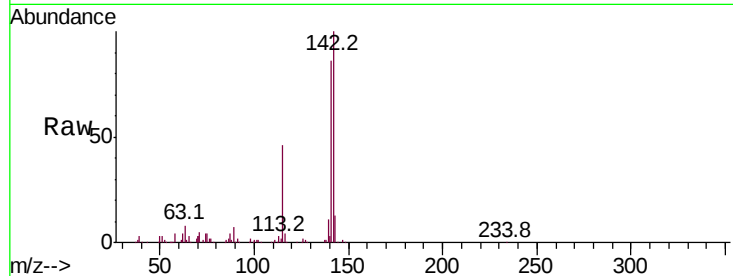
#37
2-Methylnaphthalene
Concen: 40.671 ng
RT: 12.48 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BG035984.D
Acq: 30 Jul 2018 20:13

Instrument :
BNA_G
ClientSampleId :
PB111523BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	197054		
141	86.1	67.1	100.7	
115	46.0	30.7	46.1	

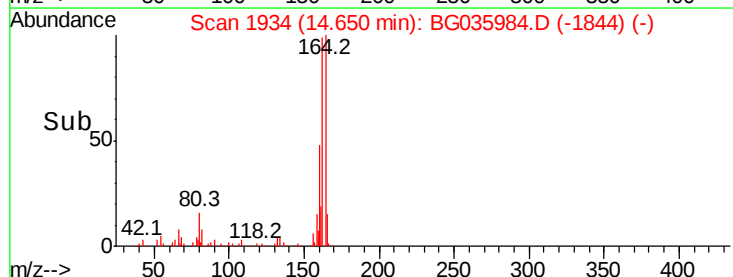
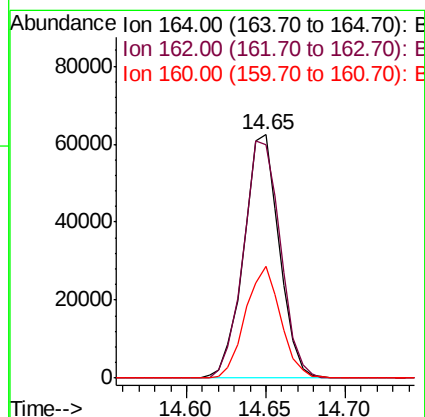
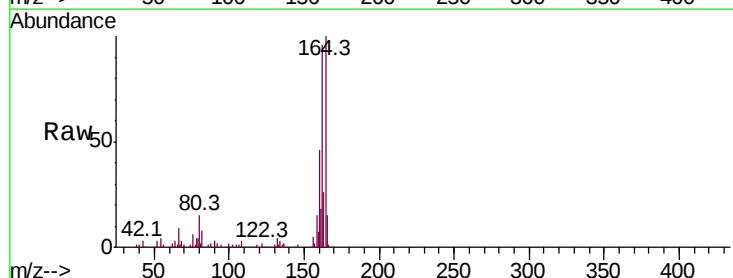
Manual Integrations
APPROVED

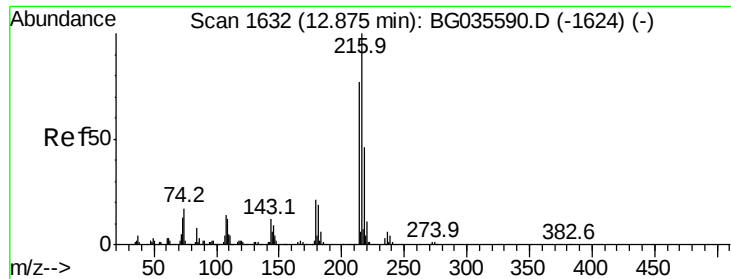
Sohil
7/31/2018 12:20:51 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BG035984.D
Acq: 30 Jul 2018 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	96757		
162	95.9	78.8	118.2	
160	46.2	35.4	53.0	





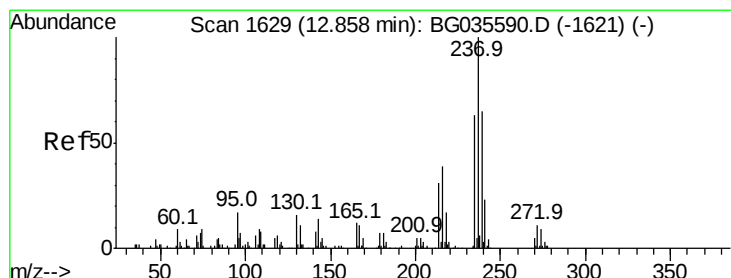
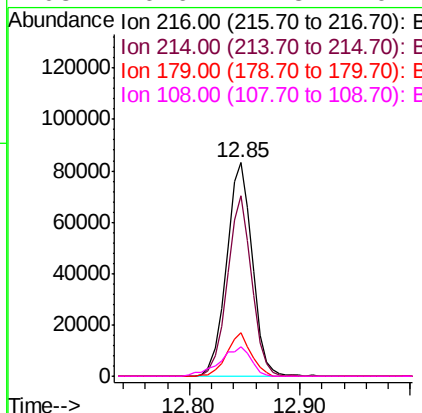
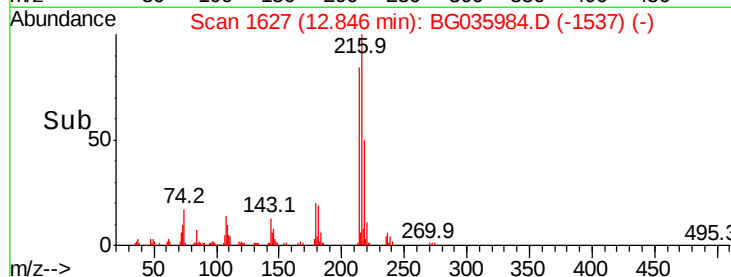
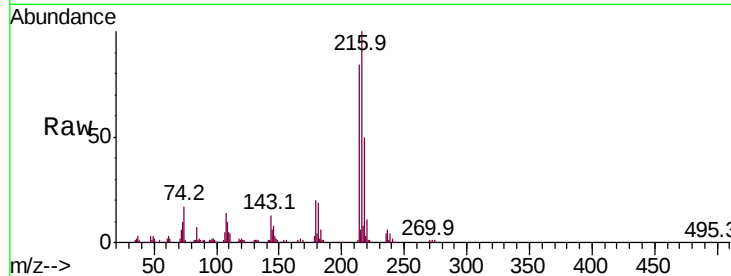
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.869 ng
 RT: 12.85 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: BG035984.D
 Acq: 30 Jul 2018 20:13

Instrument :
 BNA_G
 ClientSampleId :
 PB111523BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	80.2	63.0	94.4	
179	19.2	17.0	25.6	
108	16.6	12.8	19.2	

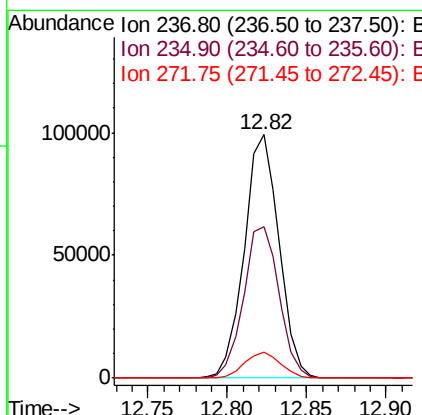
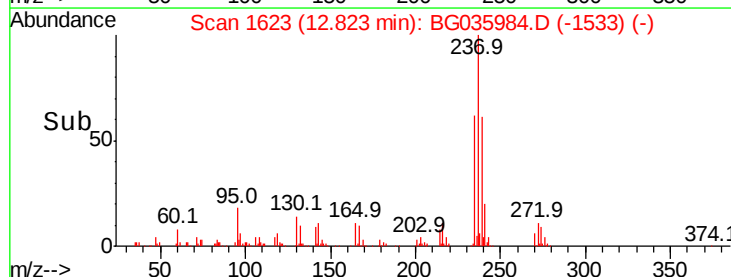
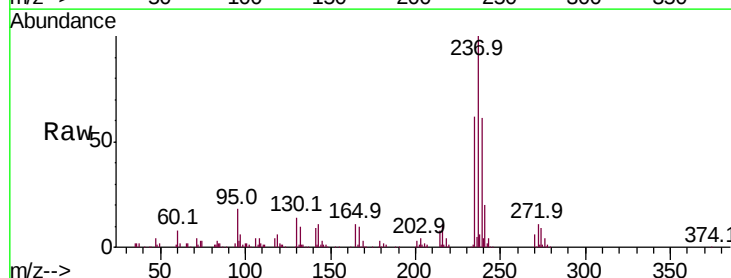
Manual Integrations
 APPROVED

Sohil
 7/31/2018 12:20:51 PM



#40
 Hexachlorocyclopentadiene
 Concen: 78.771 ng
 RT: 12.82 min Scan# 1623
 Delta R.T. -0.00 min
 Lab File: BG035984.D
 Acq: 30 Jul 2018 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	62.3	50.4	90.4	
272	10.7	0.0	31.8	





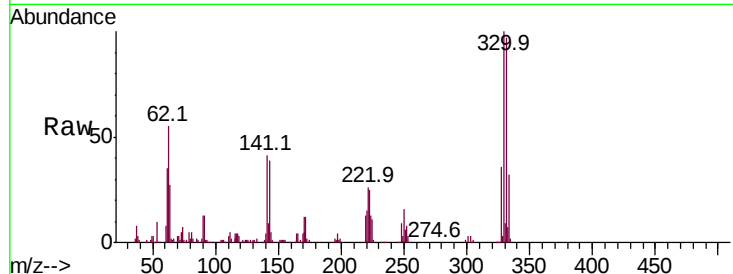
#41
 2,4,6-Tribromophenol
 Concen: 136.019 ng
 RT: 16.14 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BG035984.D
 Acq: 30 Jul 2018 20:13

Instrument :
 BNA_G
 ClientSampleID :
 PB111523BS

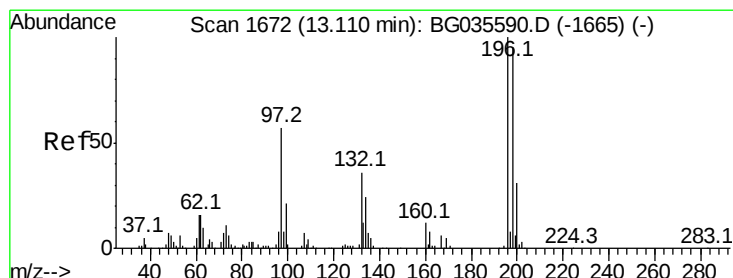
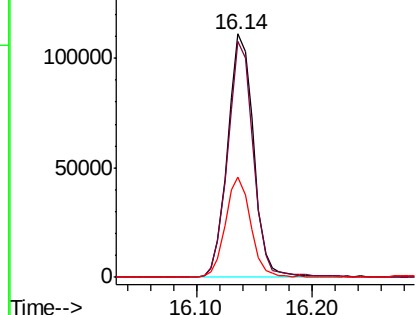
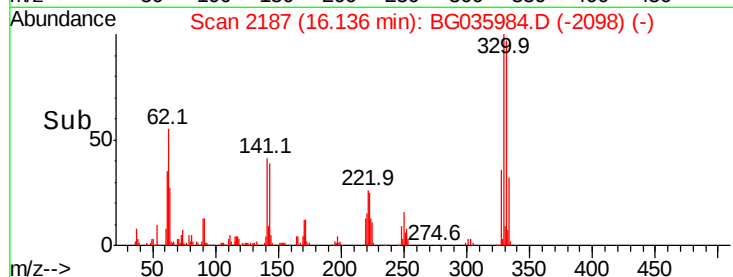
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	40.3	25.2	37.8

Manual Integrations
 APPROVED

Sohil
 7/31/2018 12:20:51 PM

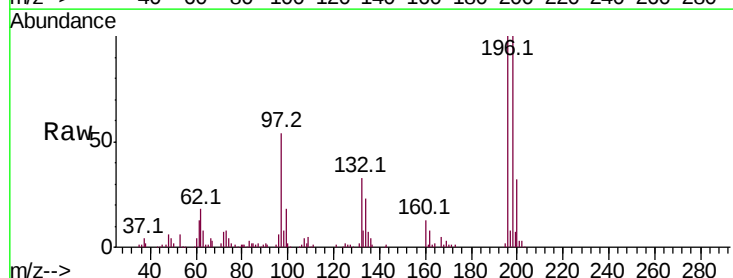


Abundance Ion 329.80 (329.50 to 330.50): E
 150000 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

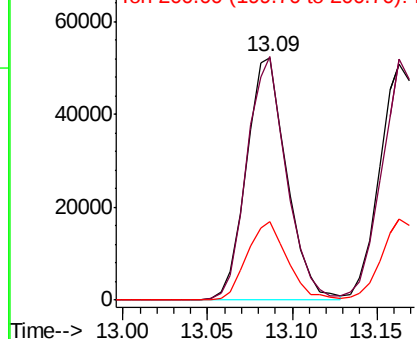
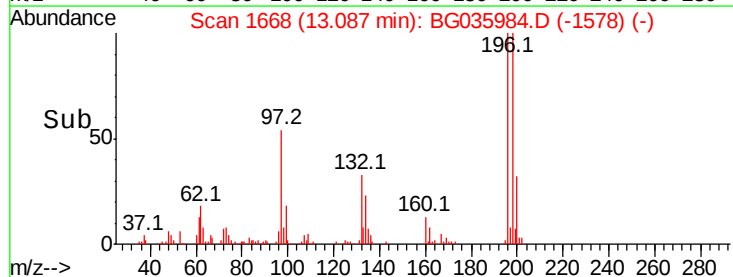


#42
 2,4,6-Trichlorophenol
 Concen: 40.625 ng
 RT: 13.09 min Scan# 1668
 Delta R.T. -0.00 min
 Lab File: BG035984.D
 Acq: 30 Jul 2018 20:13

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.3	78.2	117.2
200	32.6	24.6	36.8



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





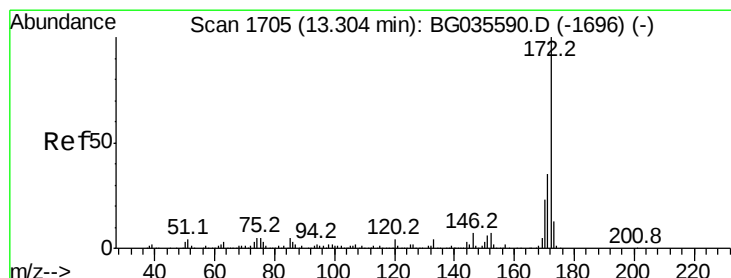
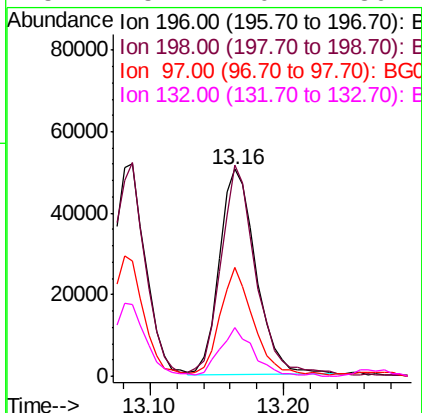
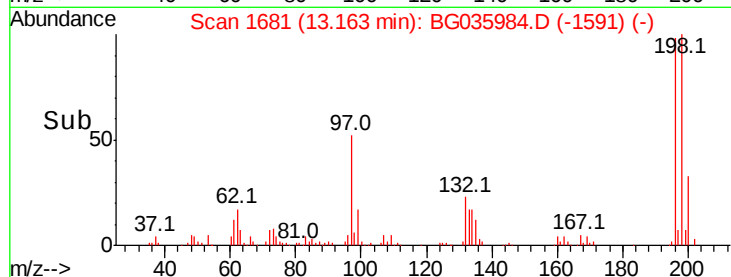
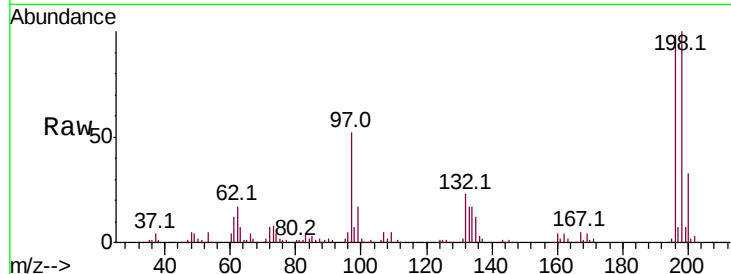
#43
 2,4,5-Trichlorophenol
 Concen: 40.381 ng
 RT: 13.16 min Scan# 1681
 Delta R.T. -0.00 min
 Lab File: BG035984.D
 Acq: 30 Jul 2018 20:13

Instrument :
 BNA_G
 ClientSampleId :
 PB111523BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	101.9	76.2	114.4
97	52.6	38.7	58.1
132	23.4	20.2	30.2

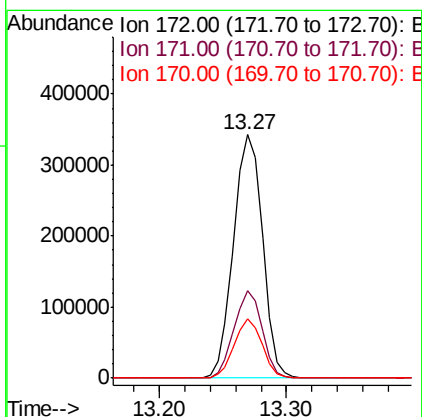
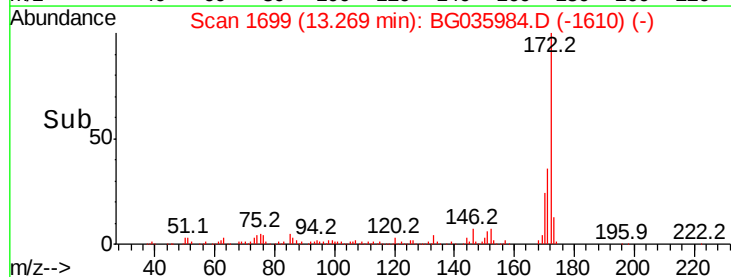
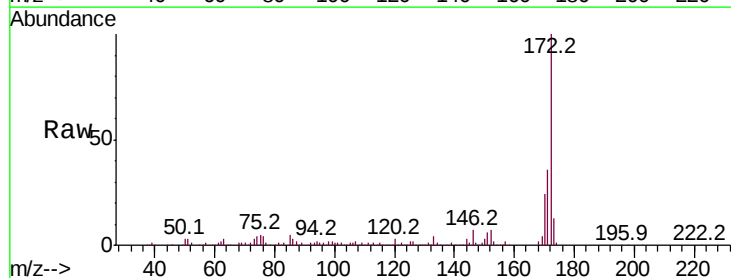
Manual Integrations
 APPROVED

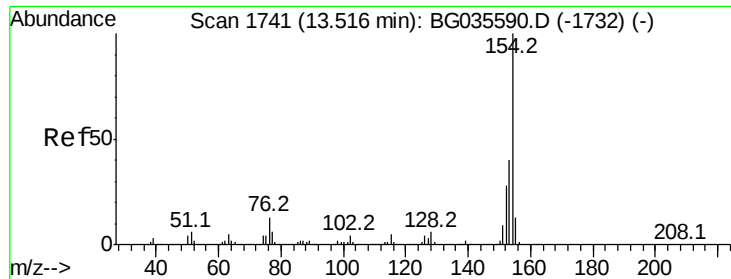
Sohil
 7/31/2018 12:20:51 PM



#44
 2-Fluorobiphenyl
 Concen: 75.133 ng
 RT: 13.27 min Scan# 1699
 Delta R.T. -0.01 min
 Lab File: BG035984.D
 Acq: 30 Jul 2018 20:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	30.0	45.0
170	24.2	19.5	29.3





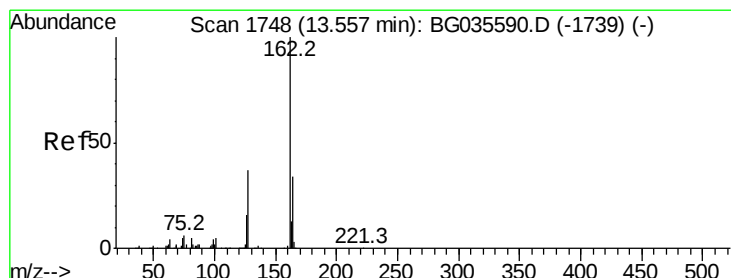
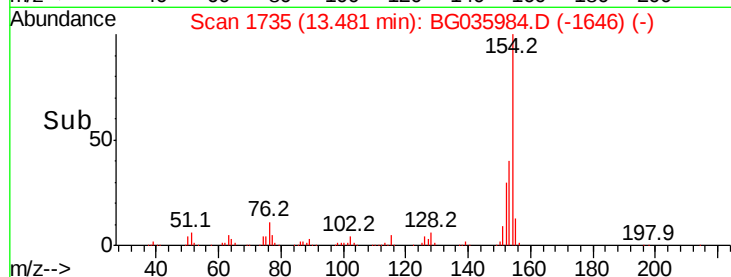
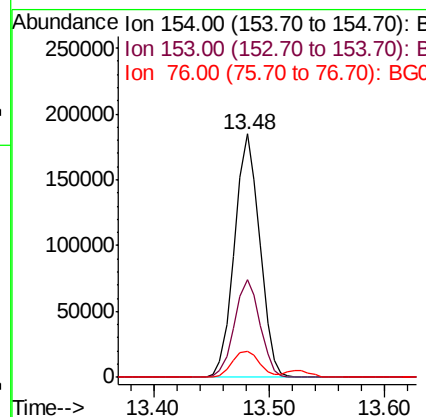
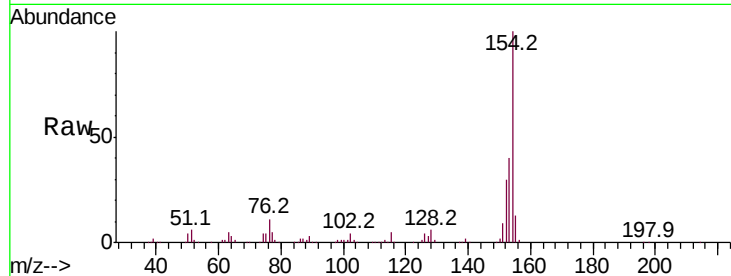
#45
 1,1'-Biphenyl
 Concen: 37.324 ng
 RT: 13.48 min Scan# 1735
 Delta R.T. -0.01 min
 Lab File: BG035984.D
 Acq: 30 Jul 2018 20:13

Instrument :
 BNA_G
 ClientSampleID :
 PB111523BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.3	19.8	59.8
76	10.9	0.0	31.9

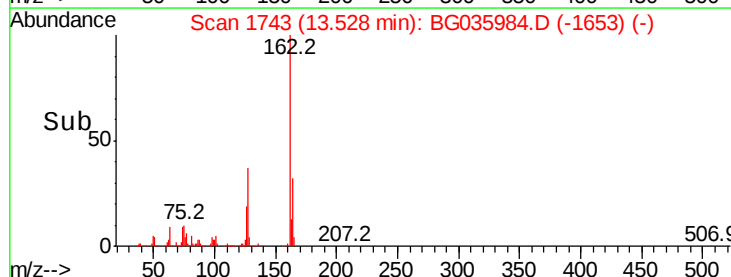
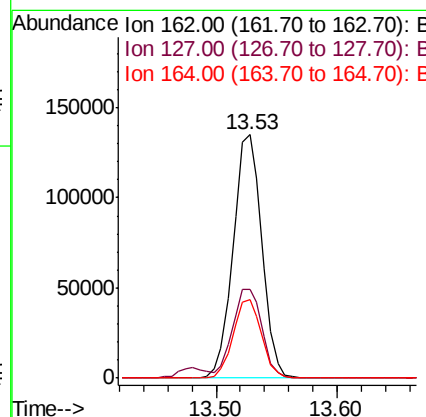
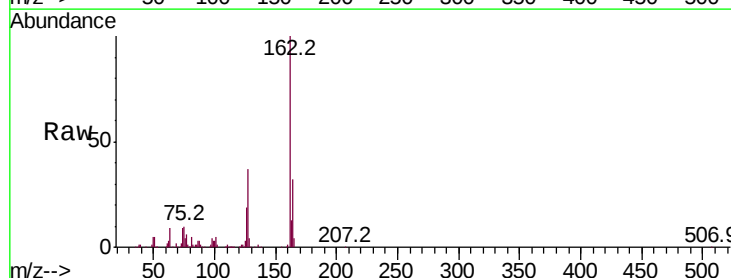
Manual Integrations
 APPROVED

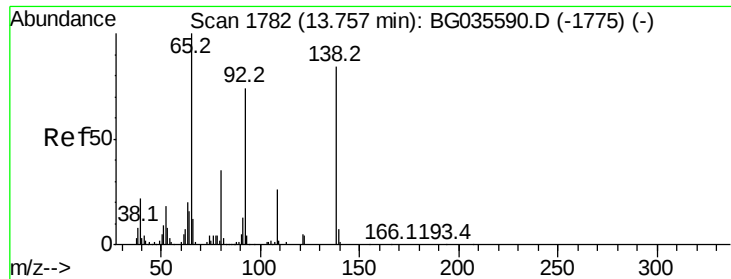
Sohil
 7/31/2018 12:20:51 PM



#46
 2-Chloronaphthalene
 Concen: 38.230 ng
 RT: 13.53 min Scan# 1743
 Delta R.T. -0.00 min
 Lab File: BG035984.D
 Acq: 30 Jul 2018 20:13

Tgt Ion	Ratio	Lower	Upper
162	100		
127	36.7	30.7	46.1
164	32.5	26.0	39.0





#47

2-Nitroaniline

Concen: 38.558 ng

RT: 13.73 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BG035984.D

Acq: 30 Jul 2018 20:13

Instrument :

BNA_G

ClientSampleId :

PB111523BS

Tot Ion: 65 Resp: 79540

Ion Ratio Lower Upper

65 100

92 68.5 54.6 82.0

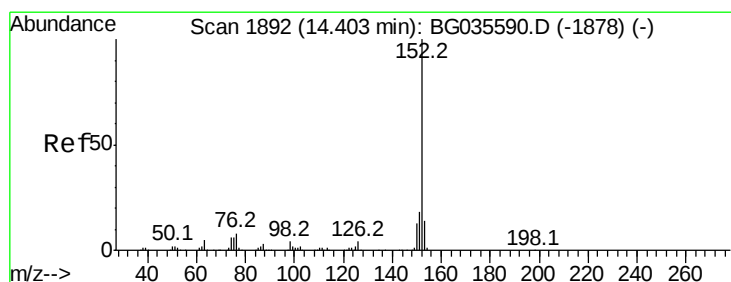
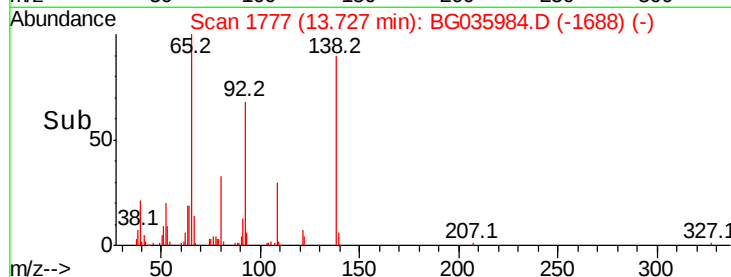
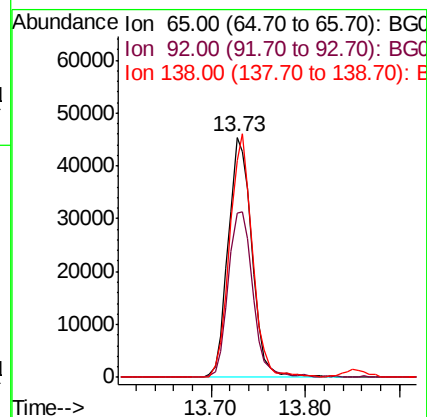
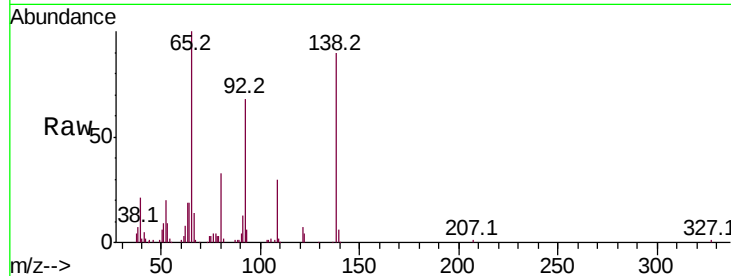
138 90.5 72.9 109.3

Manual Integrations

APPROVED

Sohil

7/31/2018 12:20:51 PM



#48

Acenaphthylene

Concen: 38.719 ng

RT: 14.37 min Scan# 1887

Delta R.T. -0.00 min

Lab File: BG035984.D

Acq: 30 Jul 2018 20:13

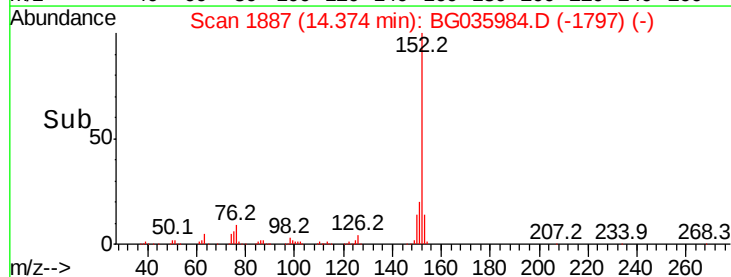
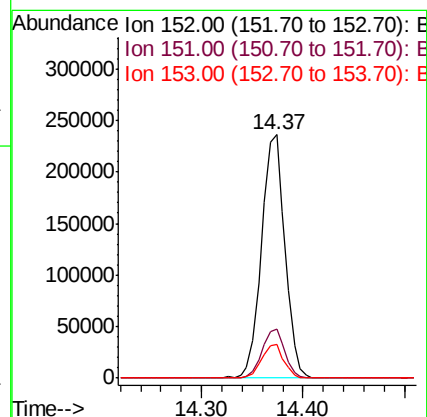
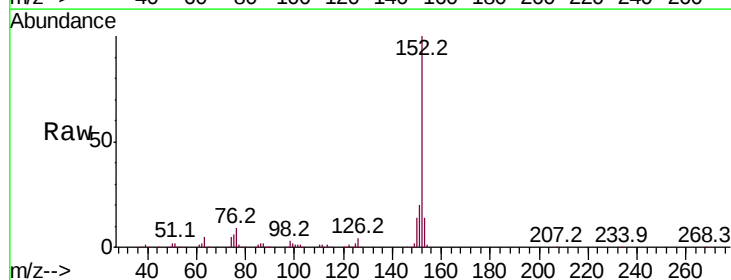
Tgt Ion: 152 Resp: 378452

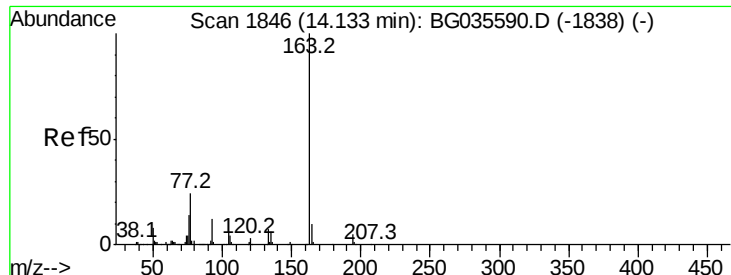
Ion Ratio Lower Upper

152 100

151 20.0 17.2 25.8

153 13.8 10.2 15.4





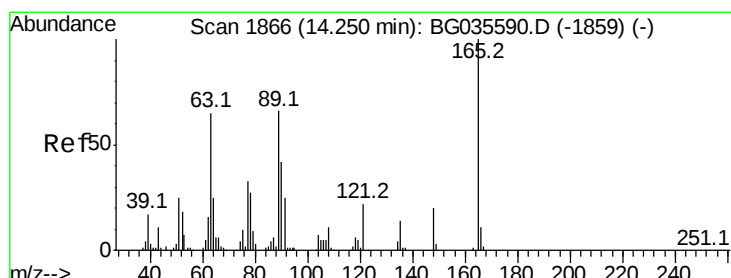
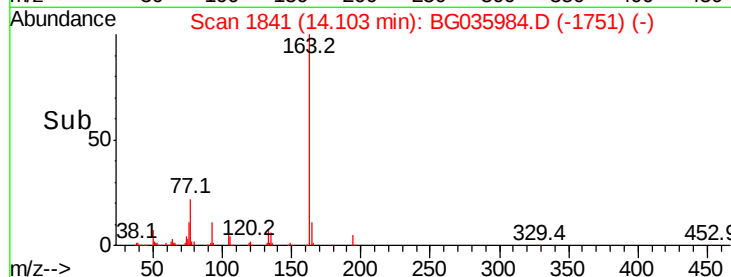
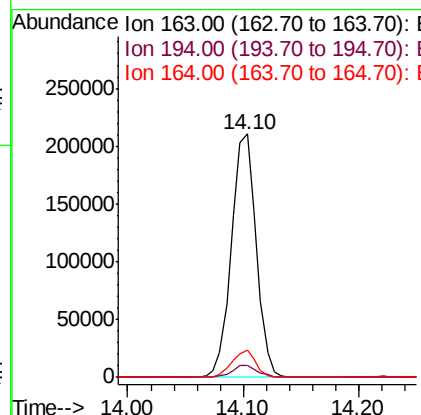
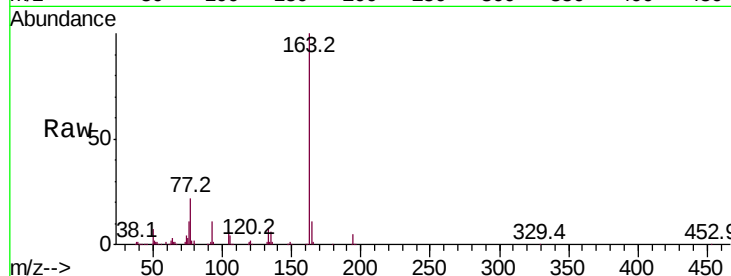
#49
Dimethylphthalate
Concen: 36.832 ng
RT: 14.10 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BG035984.D
Acq: 30 Jul 2018 20:13

Instrument :
BNA_G
ClientSampled :
PB111523BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.7	3.4	5.2	
164	11.4	8.2	12.4	

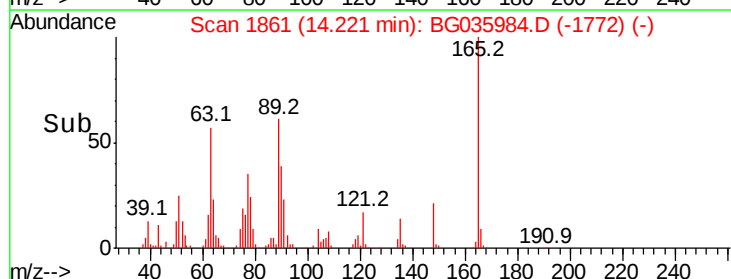
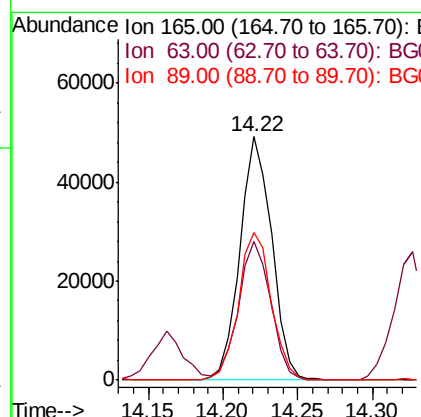
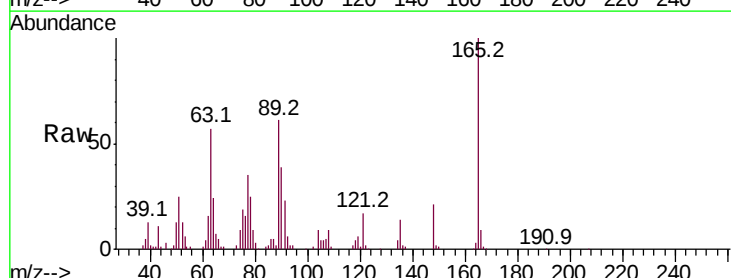
Manual Integrations
APPROVED

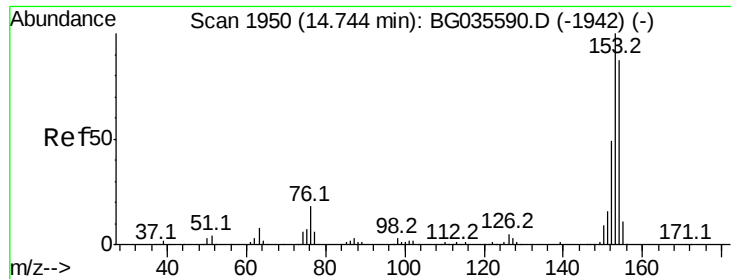
Sohil
7/31/2018 12:20:51 PM



#50
2,6-Dinitrotoluene
Concen: 42.228 ng
RT: 14.22 min Scan# 1861
Delta R.T. -0.01 min
Lab File: BG035984.D
Acq: 30 Jul 2018 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	57.1	52.7	79.1	
89	60.7	49.2	73.8	





#51

Acenaphthene

Concen: 34.924 ng

RT: 14.71 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BG035984.D

Acq: 30 Jul 2018 20:13

Instrument :

BNA_G

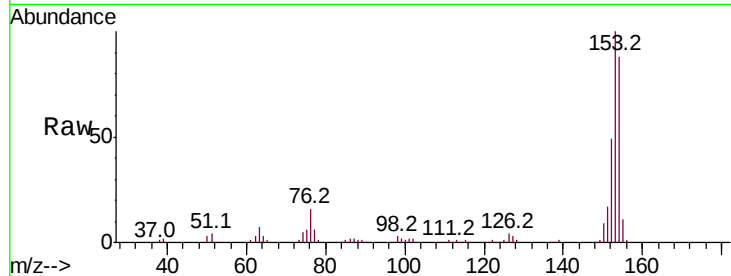
ClientSampleId :

PB111523BS

Tot Ion:	154	Resp:	212643
Ion Ratio	Lower	Upper	
154	100		
153	113.4	90.4	135.6
152	55.2	41.6	62.4

Manual Integrations
APPROVED

Sohil
7/31/2018 12:20:51 PM

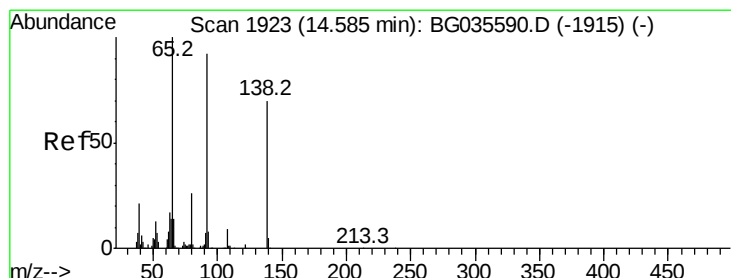
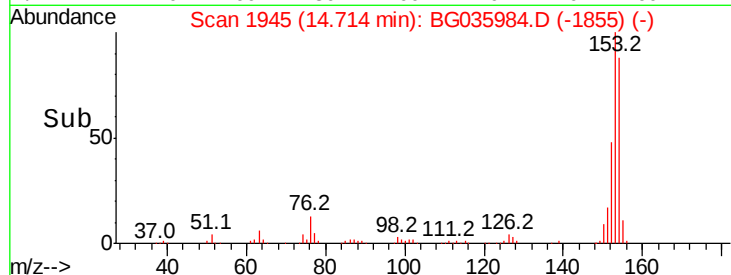
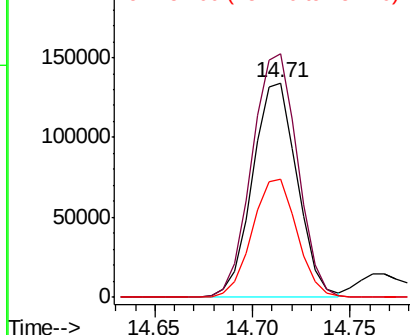


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 26.315 ng

RT: 14.56 min Scan# 1918

Delta R.T. -0.01 min

Lab File: BG035984.D

Acq: 30 Jul 2018 20:13

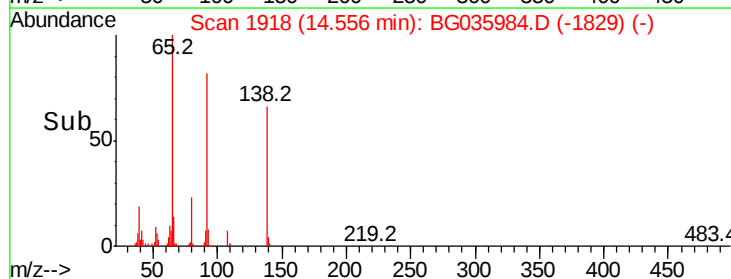
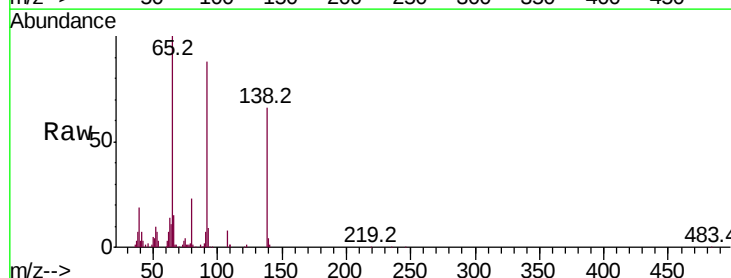
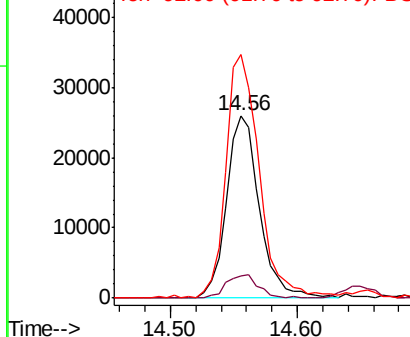
Tgt Ion:	138	Resp:	46430
Ion Ratio	Lower	Upper	
138	100		
108	12.3	17.5	26.3#
92	133.5	105.8	158.8

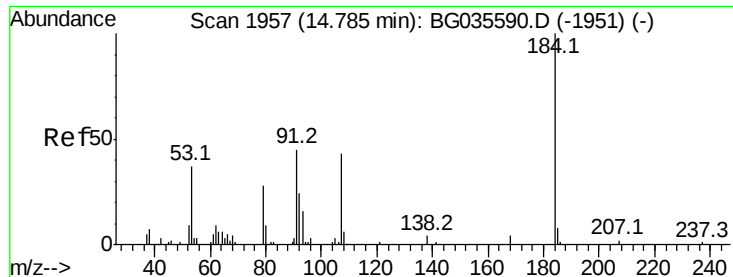
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG





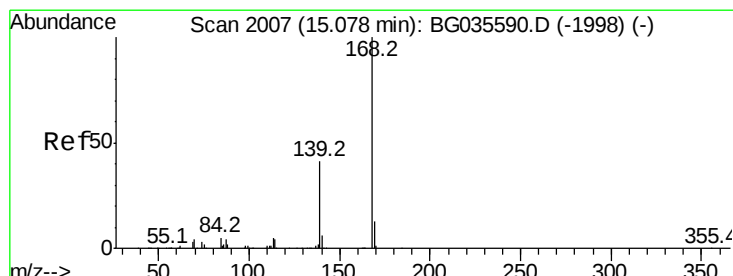
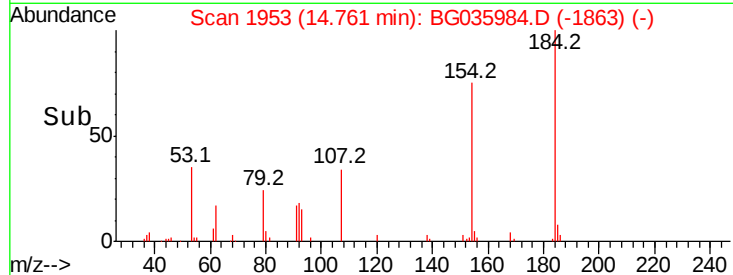
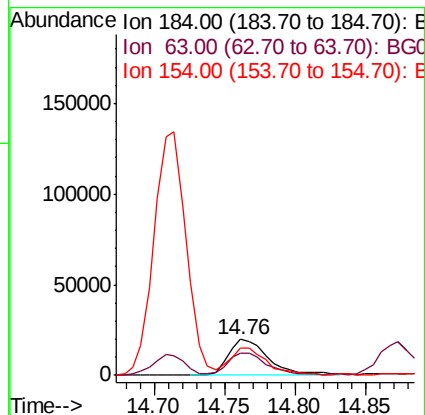
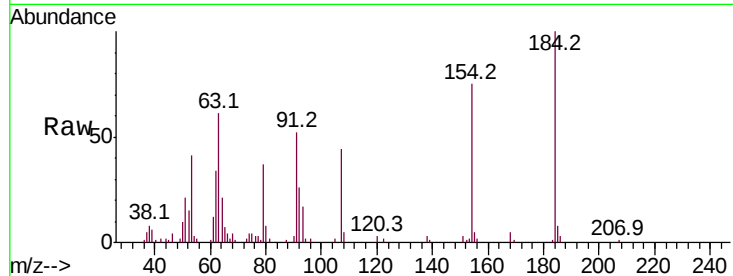
#53
 2,4-Dinitrophenol
 Concen: 47.551 ng
 RT: 14.76 min Scan# 1953
 Delta R.T. -0.00 min
 Lab File: BG035984.D
 Acq: 30 Jul 2018 20:13

Instrument :
 BNA_G
 ClientSampleId :
 PB111523BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	61.0	59.8	89.8
154	75.1	101.8	152.8

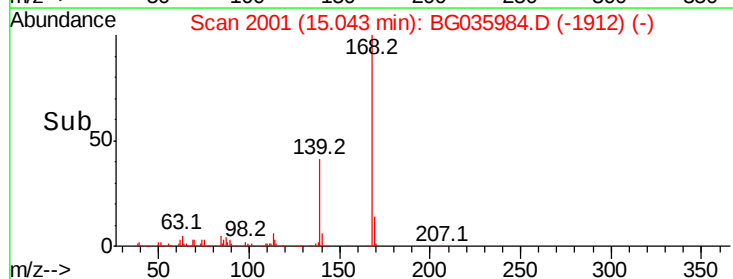
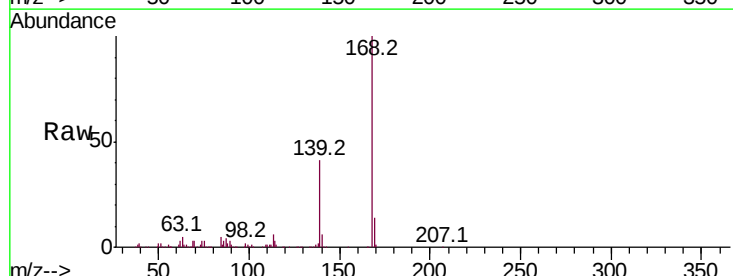
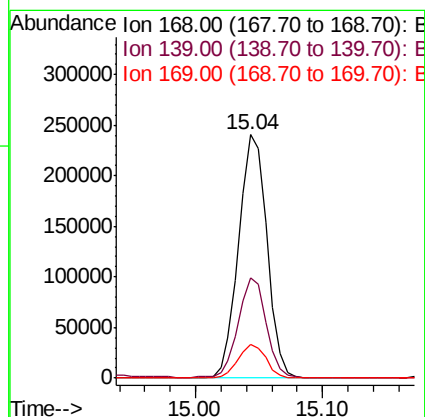
Manual Integrations
 APPROVED

Sohil
 7/31/2018 12:20:51 PM



#54
 Dibenzofuran
 Concen: 38.443 ng
 RT: 15.04 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BG035984.D
 Acq: 30 Jul 2018 20:13

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.0	28.6	43.0
169	13.6	11.2	16.8





#55

4-Nitrophenol

Concen: 79.512 ng

RT: 14.87 min Scan# 1972

Delta R.T. -0.00 min

Lab File: BG035984.D

Acq: 30 Jul 2018 20:13

Instrument :

BNA_G

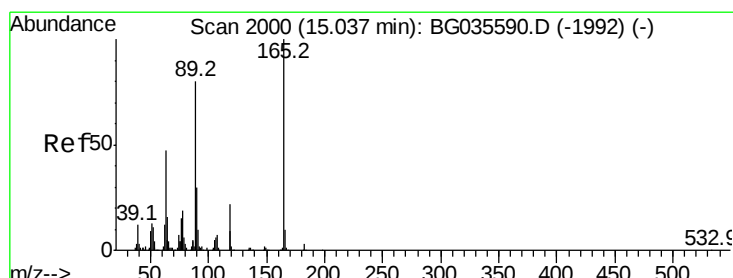
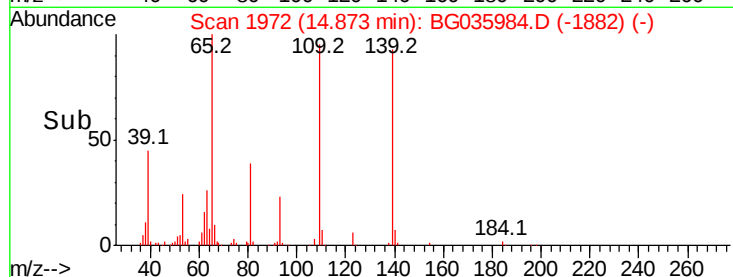
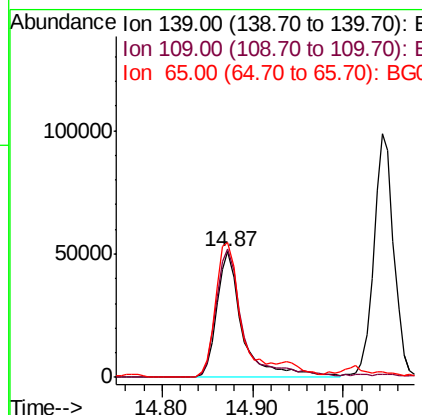
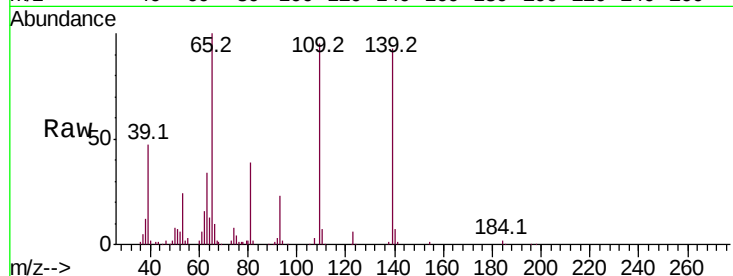
ClientSampleId :

PB111523BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	102.2	62.2	102.2#
65	107.4	97.2	137.2

Manual Integrations
APPROVED

Sohil
7/31/2018 12:20:51 PM



#56

2,4-Dinitrotoluene

Concen: 44.147 ng

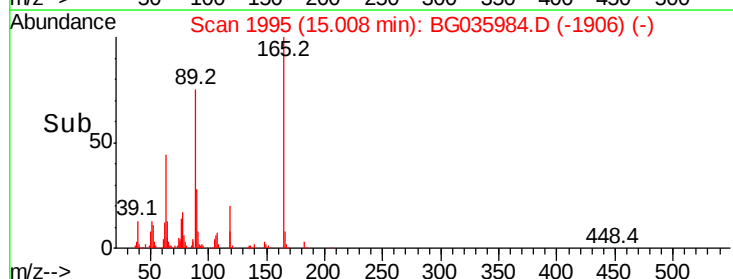
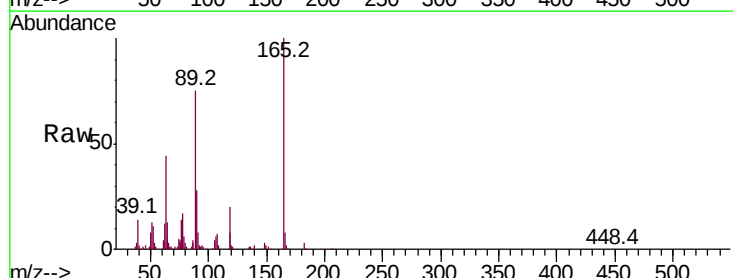
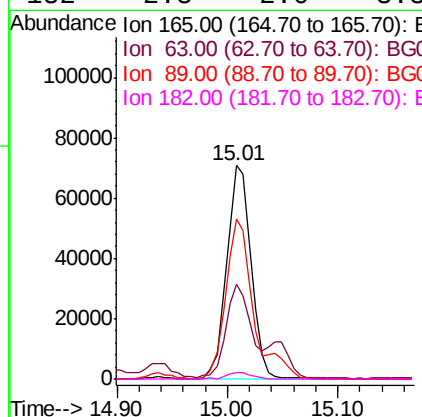
RT: 15.01 min Scan# 1995

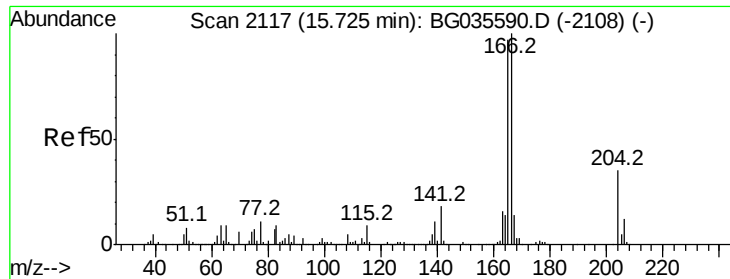
Delta R.T. -0.01 min

Lab File: BG035984.D

Acq: 30 Jul 2018 20:13

Tgt Ion	Ratio	Lower	Upper
165	100		
63	44.1	42.0	63.0
89	74.8	66.9	100.3
182	2.8	2.6	3.8





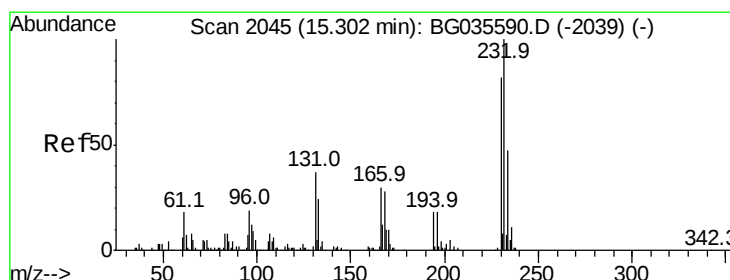
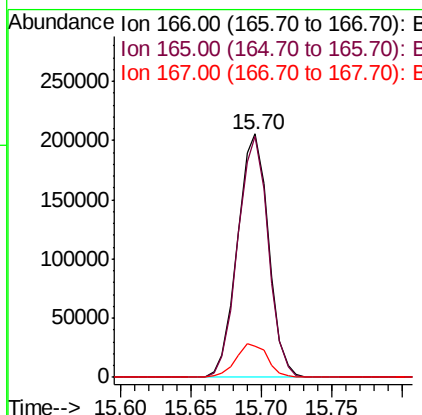
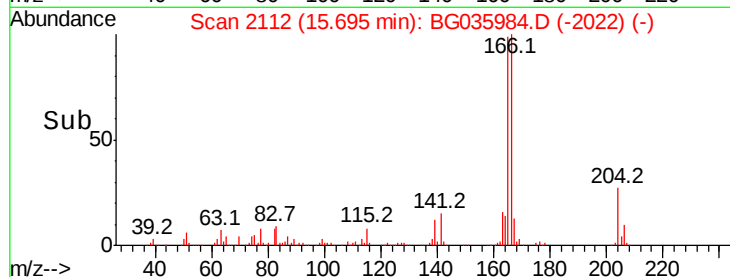
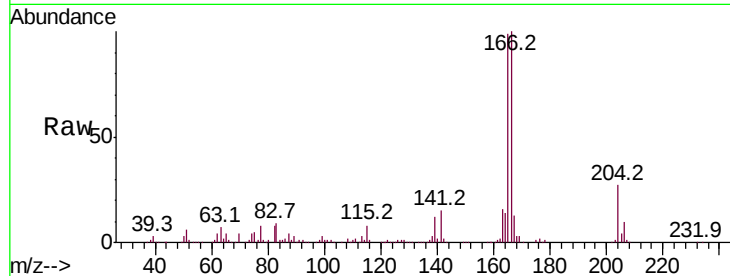
#57
 Fluorene
 Concen: 38.889 ng
 RT: 15.70 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: BG035984.D
 Acq: 30 Jul 2018 20:13

Instrument :
 BNA_G
 ClientSampled :
 PB111523BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.1	80.6	121.0	
167	12.8	10.4	15.6	

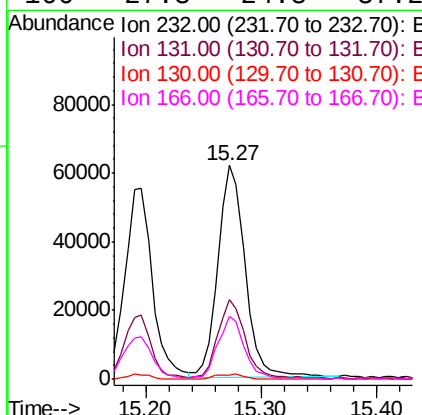
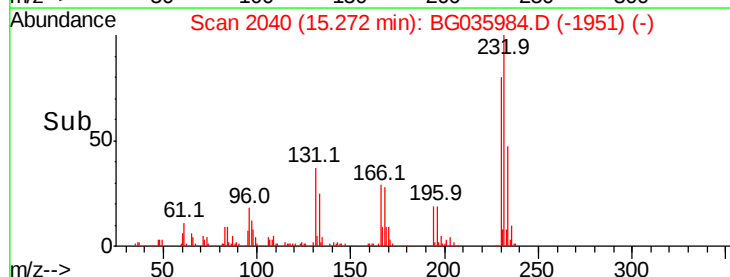
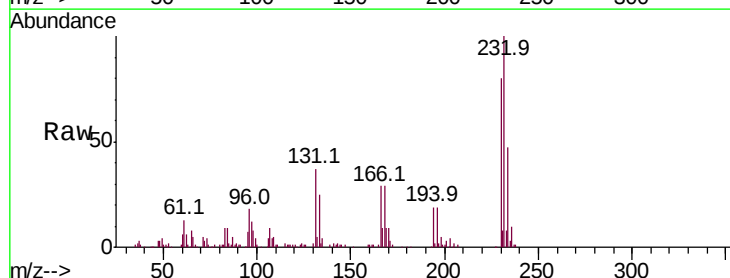
Manual Integrations
 APPROVED

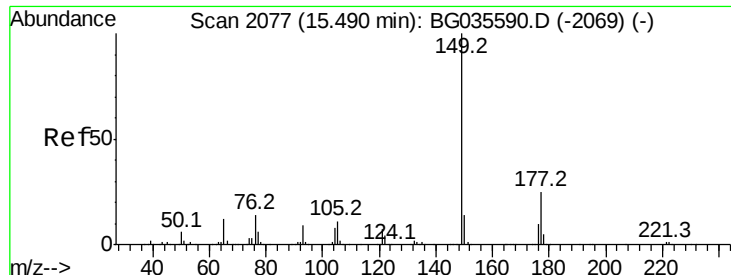
Sohil
 7/31/2018 12:20:51 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.455 ng
 RT: 15.27 min Scan# 2040
 Delta R.T. -0.01 min
 Lab File: BG035984.D
 Acq: 30 Jul 2018 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	37.3	33.5	50.3	
130	2.3	2.2	3.2	
166	27.3	24.8	37.2	





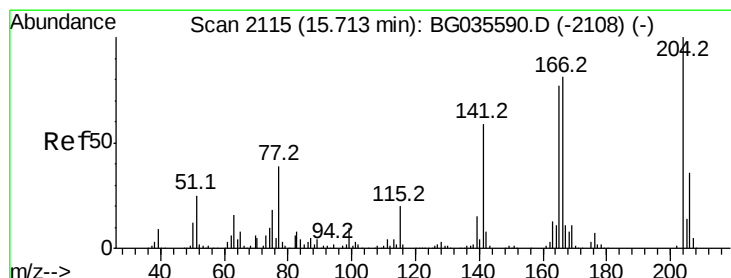
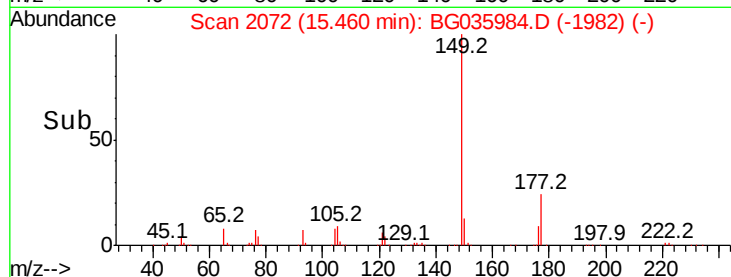
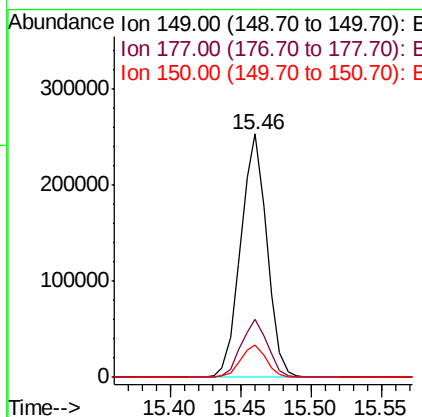
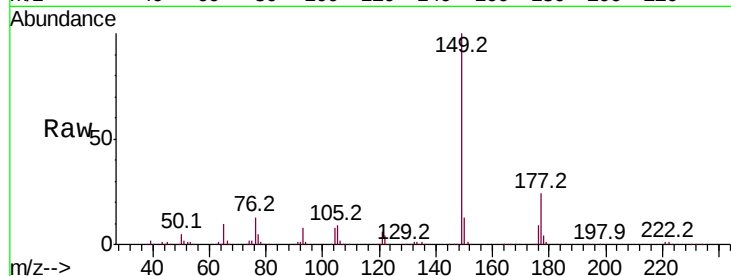
#59
Diethylphthalate
Concen: 37.637 ng
RT: 15.46 min Scan# 2072
Delta R.T. -0.00 min
Lab File: BG035984.D
Acq: 30 Jul 2018 20:13

Instrument :
BNA_G
ClientSampleId :
PB111523BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	24.0	18.5	27.7
150	13.5	10.2	15.2

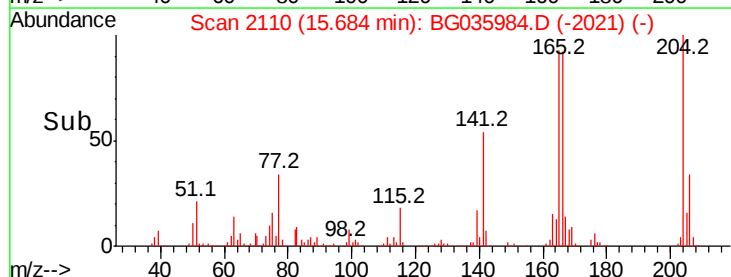
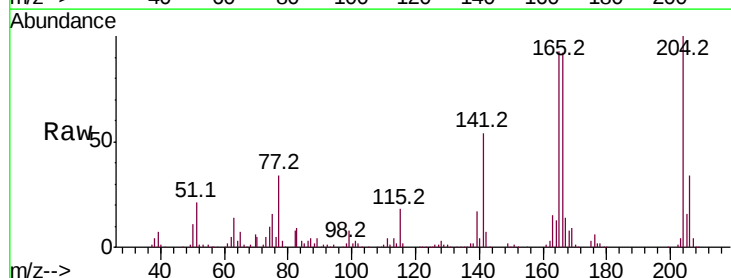
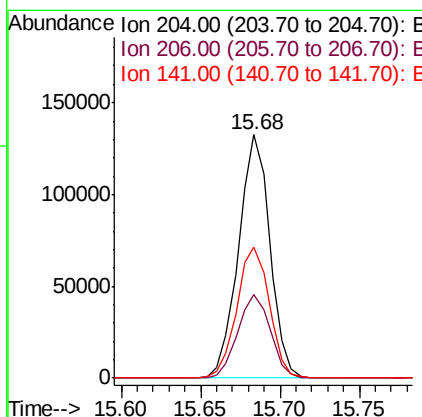
Manual Integrations
APPROVED

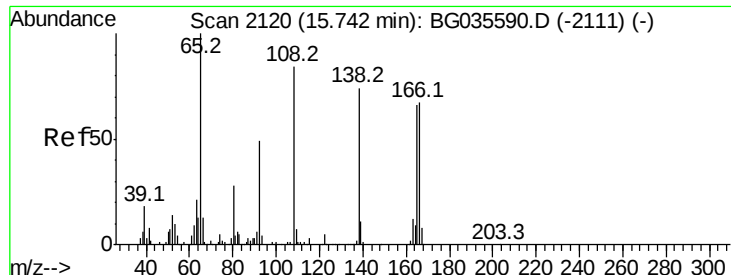
Sohil
7/31/2018 12:20:51 PM



#60
4-Chlorophenyl-phenylether
Concen: 37.963 ng
RT: 15.68 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BG035984.D
Acq: 30 Jul 2018 20:13

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.1	26.2	39.2
141	54.0	45.8	68.6





#61

4-Nitroaniline

Concen: 40.835 ng

RT: 15.72 min Scan# 2116

Delta R.T. -0.01 min

Lab File: BG035984.D

Acq: 30 Jul 2018 20:13

Instrument :

BNA_G

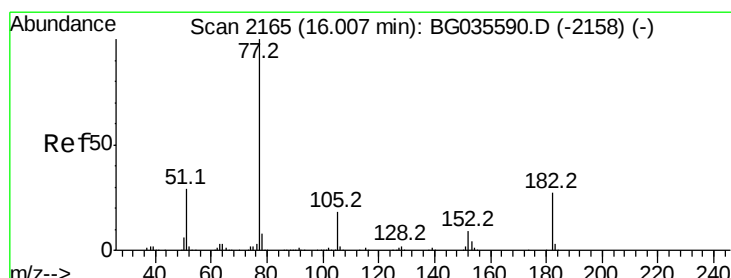
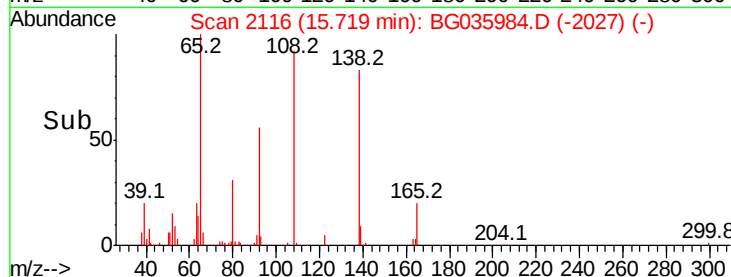
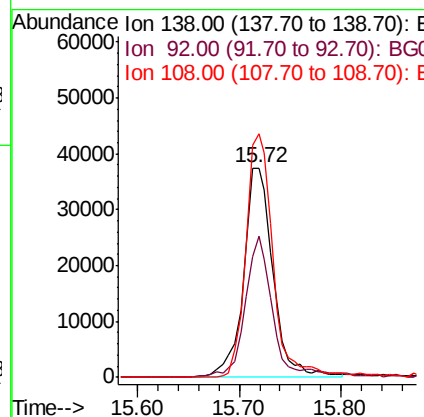
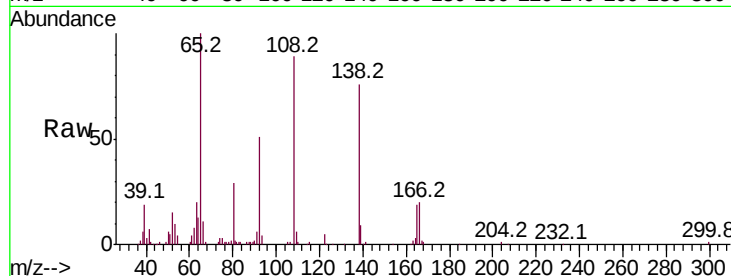
ClientSampleId :

PB111523BS

Tot Ion:	138	Resp:	75366
Ion	Ratio	Lower	Upper
138	100		
92	67.3	40.1	80.1
108	116.4	65.4	105.4#

Manual Integrations
APPROVED

Sohil
7/31/2018 12:20:51 PM



#62

Azobenzene

Concen: 38.228 ng

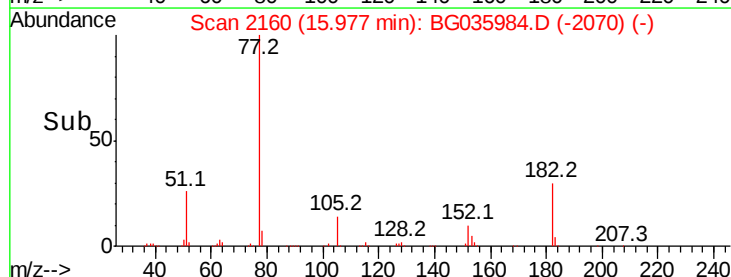
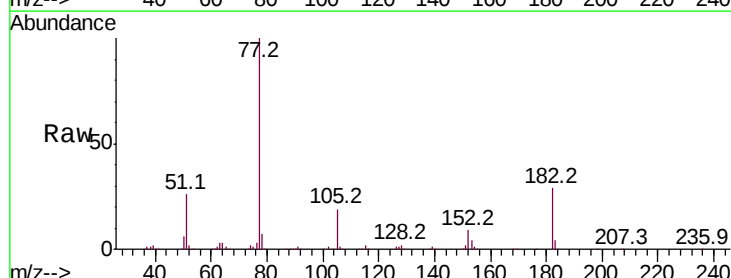
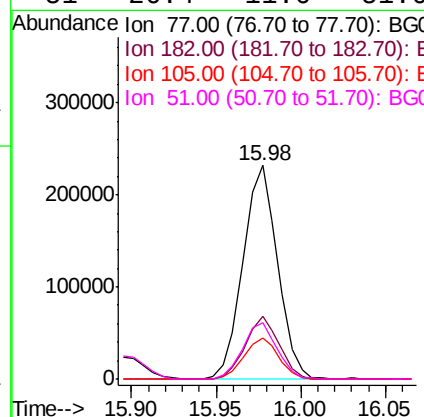
RT: 15.98 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BG035984.D

Acq: 30 Jul 2018 20:13

Tgt Ion:	77	Resp:	328690
Ion	Ratio	Lower	Upper
77	100		
182	29.2	7.4	47.4
105	19.0	0.3	40.3
51	26.4	11.6	51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BG035984.D

Acq: 30 Jul 2018 20:13

Instrument :

BNA_G

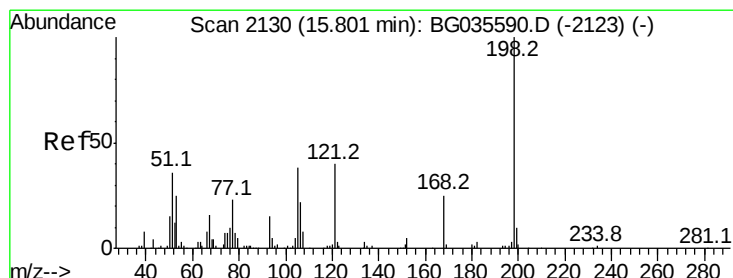
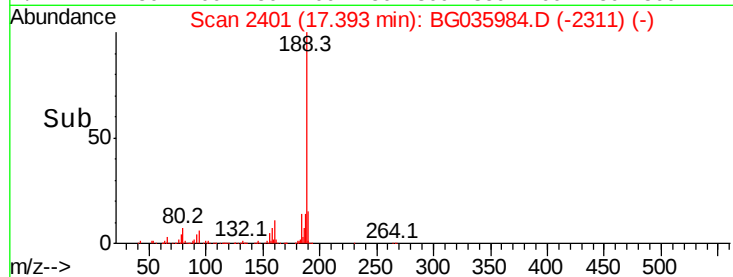
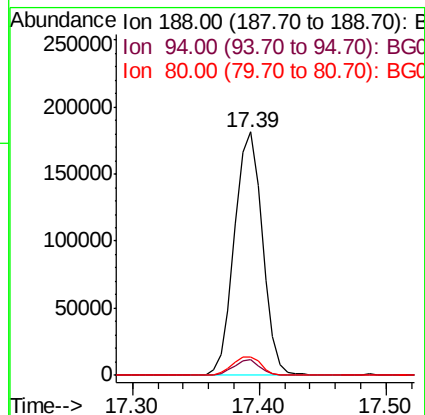
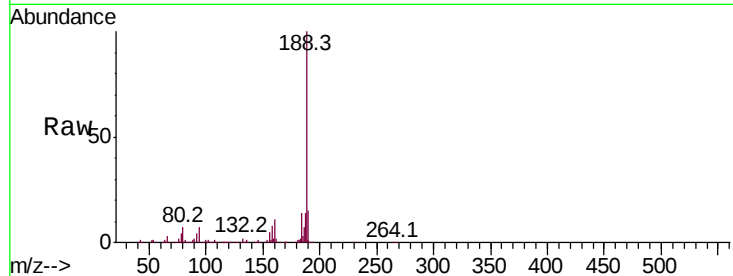
ClientSampleId :

PB111523BS

Tot Ion:	188	Resp:	276220
Ion Ratio	Lower	Upper	
188	100		
94	6.6	6.9	10.3#
80	7.4	7.7	11.5#

Manual Integrations
APPROVED

Sohil
7/31/2018 12:20:51 PM



#64

4,6-Dinitro-2-methylphenol

Concen: 34.879 ng

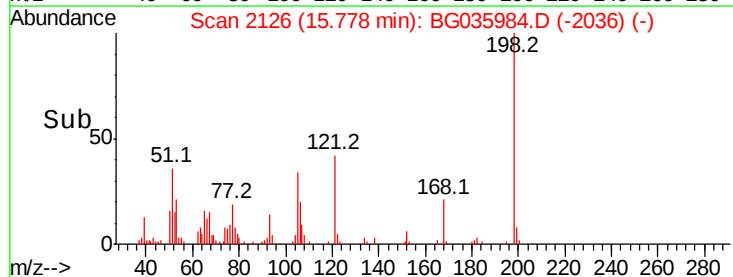
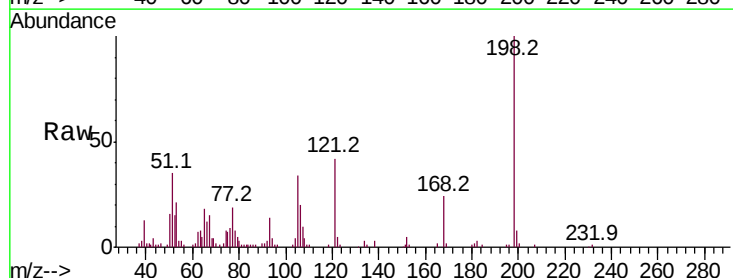
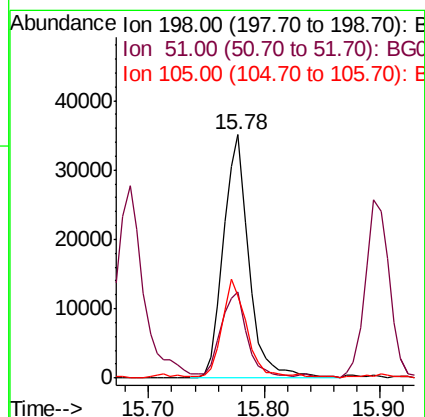
RT: 15.78 min Scan# 2126

Delta R.T. -0.00 min

Lab File: BG035984.D

Acq: 30 Jul 2018 20:13

Tgt Ion:	198	Resp:	53631
Ion Ratio	Lower	Upper	
198	100		
51	35.4	30.6	70.6
105	33.9	23.8	63.8





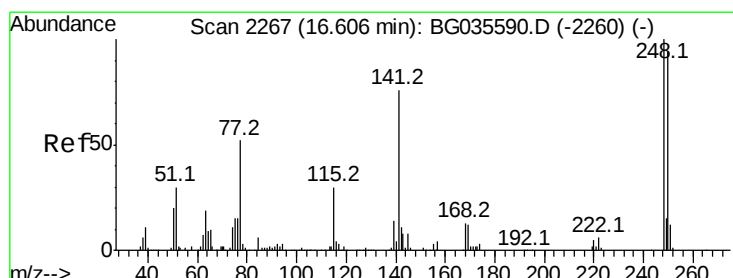
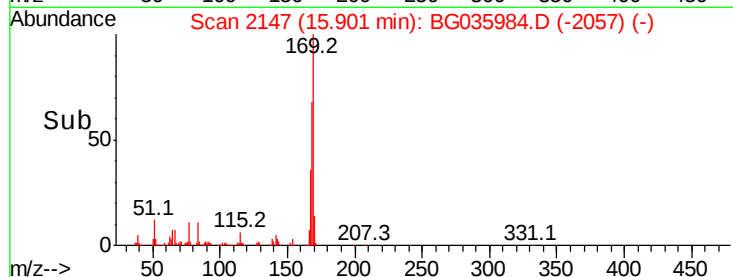
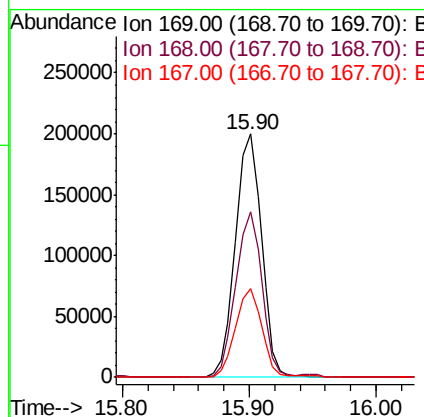
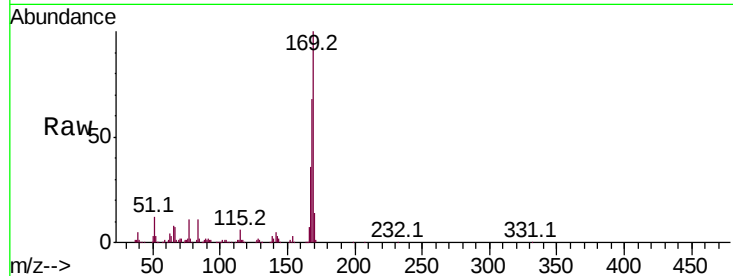
#65
n-Nitrosodiphenylamine
Concen: 36.329 ng
RT: 15.90 min Scan# 2147
Delta R.T. -0.00 min
Lab File: BG035984.D
Acq: 30 Jul 2018 20:13

Instrument :
BNA_G
ClientSampleId :
PB111523BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	285625		
168	68.1		55.7	83.5
167	36.2		30.1	45.1

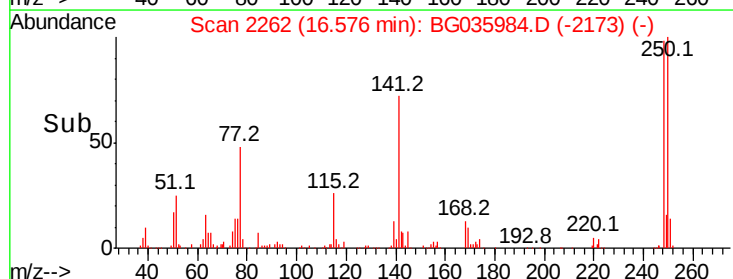
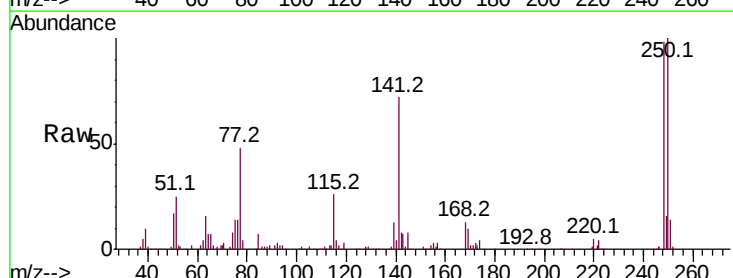
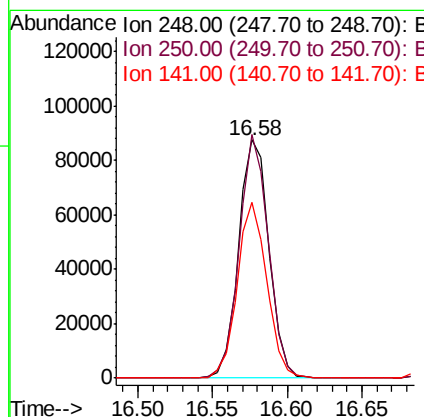
Manual Integrations
APPROVED

Sohil
7/31/2018 12:20:51 PM



#66
4-Bromophenyl-phenylether
Concen: 38.484 ng
RT: 16.58 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BG035984.D
Acq: 30 Jul 2018 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	123325		
250	102.2		77.1	115.7
141	73.5		50.8	76.2





#67

Hexachlorobenzene

Concen: 39.537 ng

RT: 16.70 min Scan# 2283

Delta R.T. -0.00 min

Lab File: BG035984.D

Acq: 30 Jul 2018 20:13

Instrument :

BNA_G

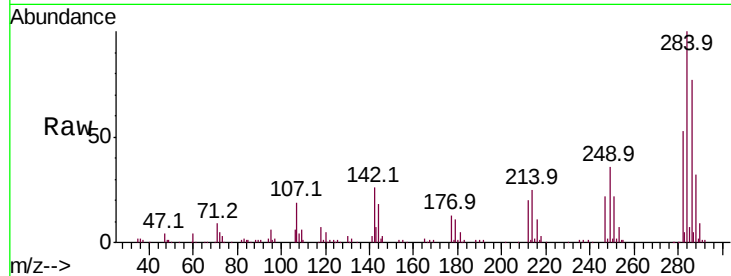
ClientSampleId :

PB111523BS

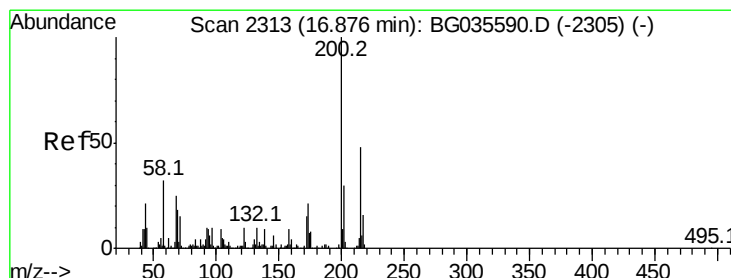
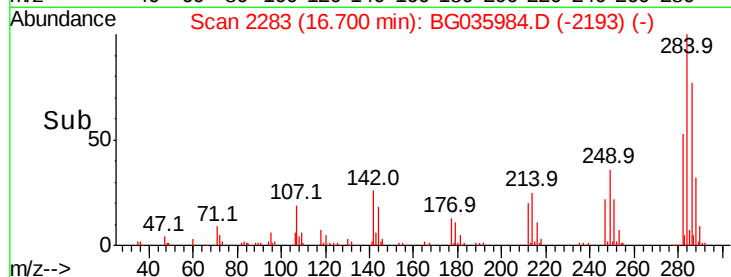
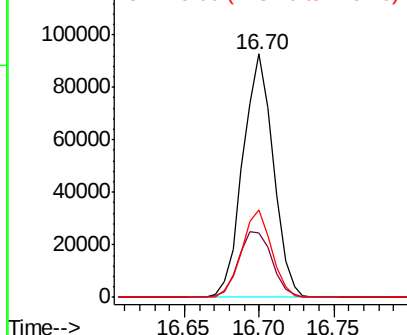
Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	26.3	26.8	40.2#	
249	35.7	26.3	39.5	

Manual Integrations
APPROVED

Sohil
7/31/2018 12:20:51 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: 42.727 ng

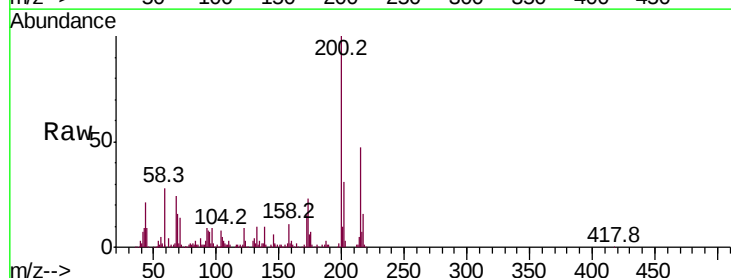
RT: 16.85 min Scan# 2308

Delta R.T. -0.00 min

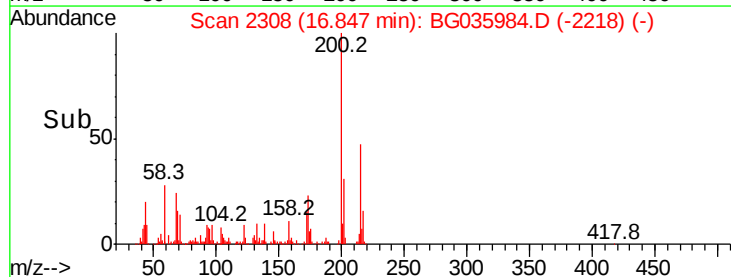
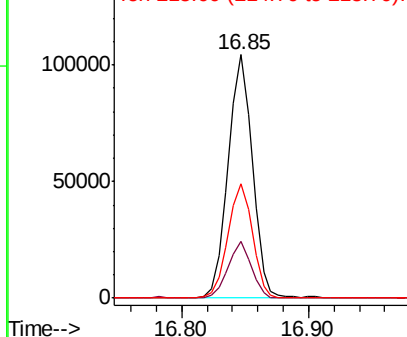
Lab File: BG035984.D

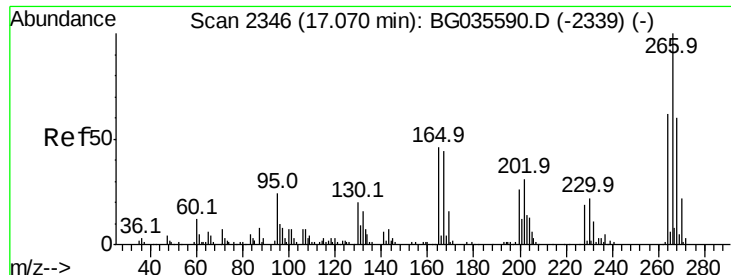
Acq: 30 Jul 2018 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	23.1	5.2	45.2	
215	46.8	30.4	70.4	



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





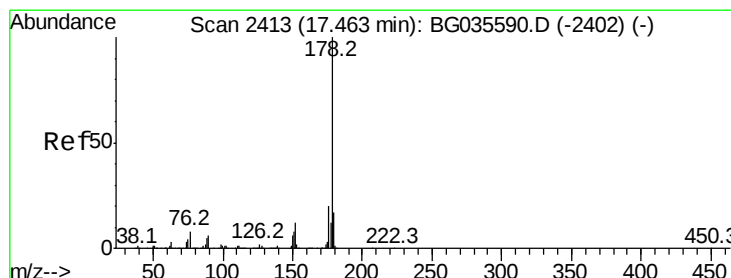
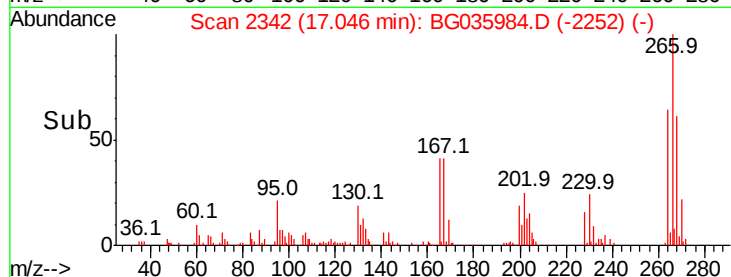
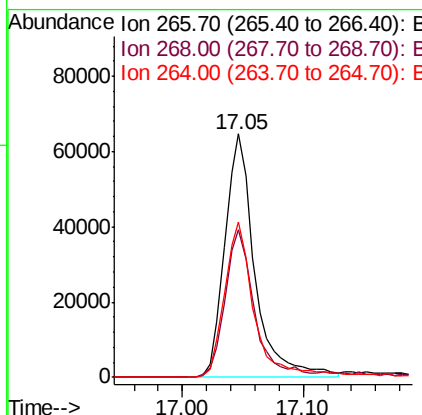
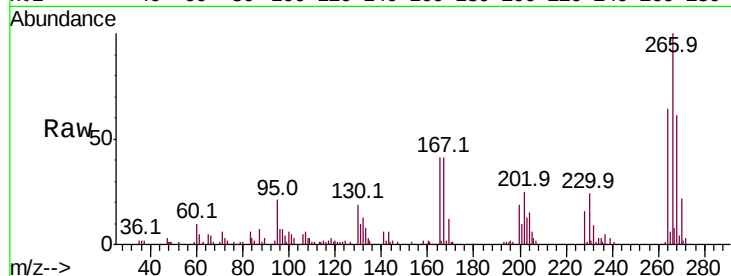
#69
 Pentachlorophenol
 Concen: 55.409 ng
 RT: 17.05 min Scan# 2342
 Delta R.T. -0.00 min
 Lab File: BG035984.D
 Acq: 30 Jul 2018 20:13

Instrument :
 BNA_G
 ClientSampleId :
 PB111523BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	111377		
268	60.5	51.1	76.7	
264	63.6	49.6	74.4	

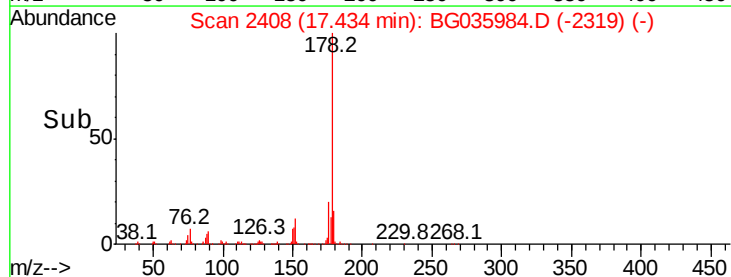
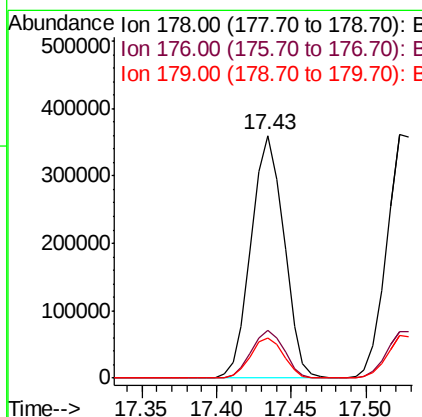
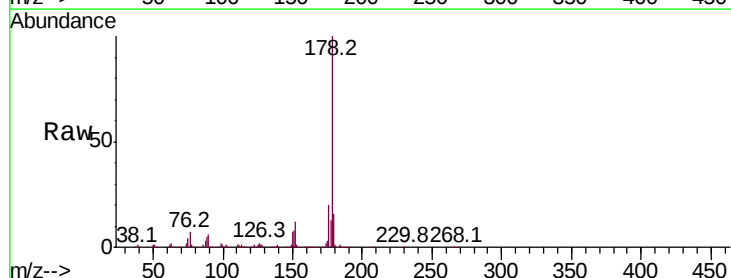
Manual Integrations
 APPROVED

Sohil
 7/31/2018 12:20:51 PM



#70
 Phenanthrene
 Concen: 39.779 ng
 RT: 17.43 min Scan# 2408
 Delta R.T. -0.01 min
 Lab File: BG035984.D
 Acq: 30 Jul 2018 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	548271		
176	19.9	15.7	23.5	
179	16.5	12.5	18.7	





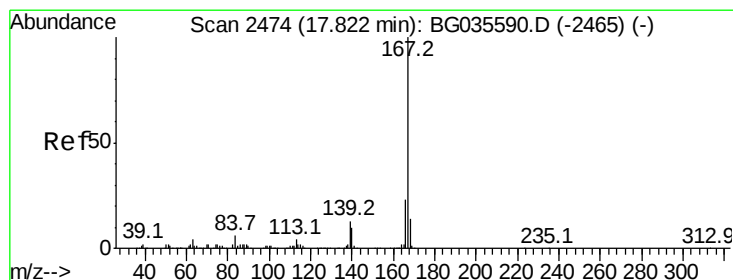
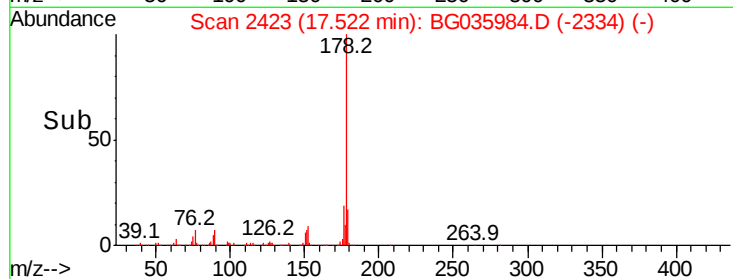
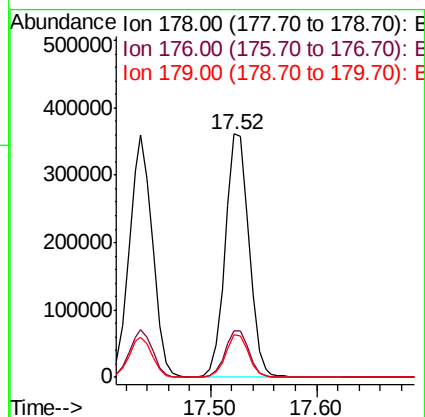
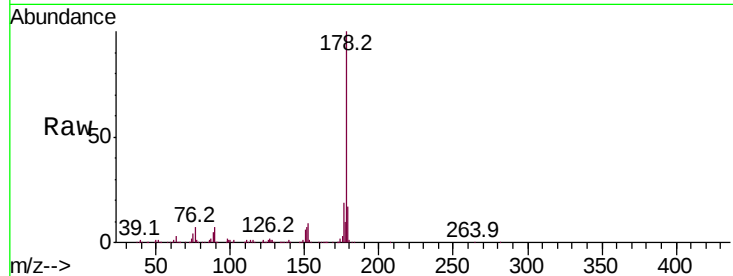
#71
 Anthracene
 Concen: 40.970 ng
 RT: 17.52 min Scan# 2423
 Delta R.T. -0.01 min
 Lab File: BG035984.D
 Acq: 30 Jul 2018 20:13

Instrument :
 BNA_G
 ClientSampleId :
 PB111523BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.0	24.0
179	17.4	12.5	18.7

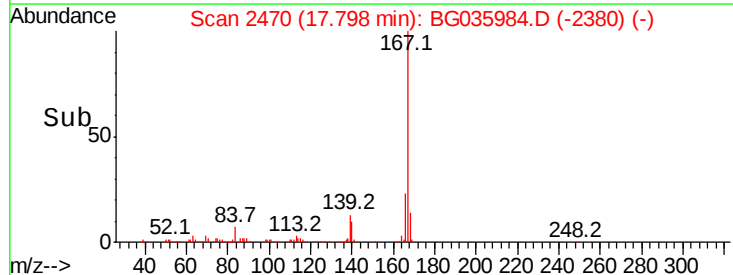
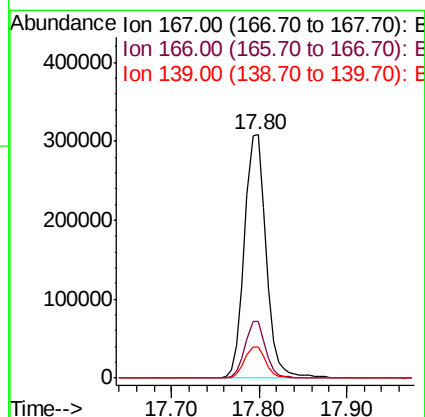
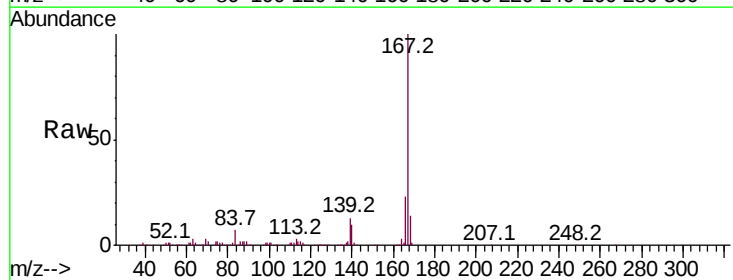
Manual Integrations
 APPROVED

Sohil
 7/31/2018 12:20:51 PM



#72
 Carbazole
 Concen: 39.328 ng
 RT: 17.80 min Scan# 2470
 Delta R.T. -0.00 min
 Lab File: BG035984.D
 Acq: 30 Jul 2018 20:13

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.3	18.2	27.4
139	13.0	9.4	14.2





#73

Di-n-butylphthalate

Concen: 38.305 ng

RT: 18.34 min Scan# 2563

Delta R.T. -0.01 min

Lab File: BG035984.D

Acq: 30 Jul 2018 20:13

Instrument :

BNA_G

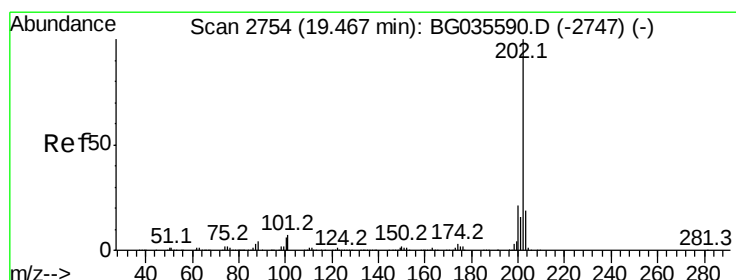
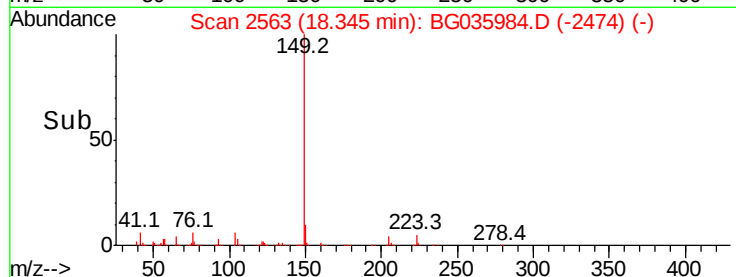
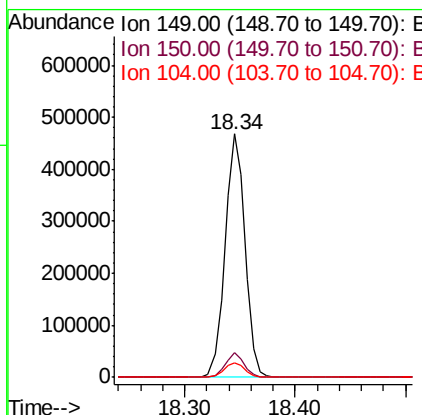
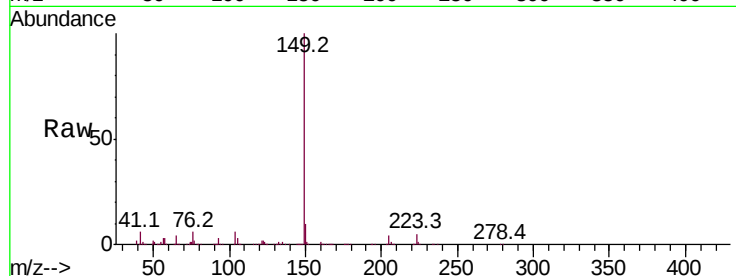
ClientSampleId :

PB111523BS

Tot Ion:	149	Resp:	589963
Ion Ratio	Lower	Upper	
149	100		
150	10.2	7.8	11.6
104	6.2	3.9	5.9#

Manual Integrations
APPROVED

Sohil
7/31/2018 12:20:51 PM



#74

Fluoranthene

Concen: 39.504 ng

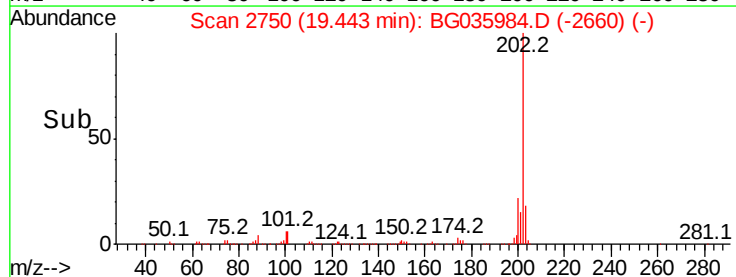
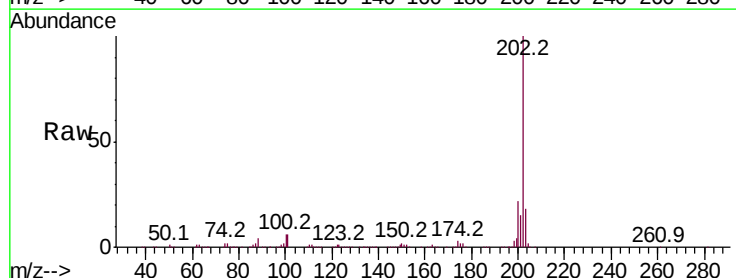
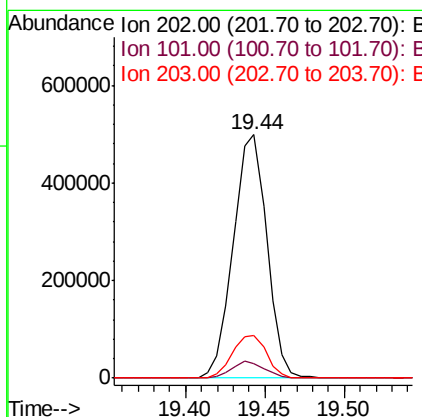
RT: 19.44 min Scan# 2750

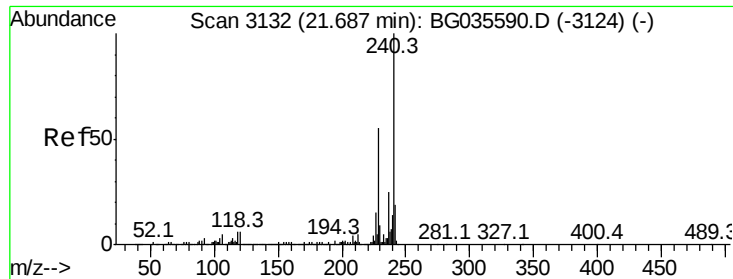
Delta R.T. -0.00 min

Lab File: BG035984.D

Acq: 30 Jul 2018 20:13

Tgt Ion:	202	Resp:	733411
Ion Ratio	Lower	Upper	
202	100		
101	6.1	0.0	28.9
203	17.7	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3127

Delta R.T. -0.00 min

Lab File: BG035984.D

Acq: 30 Jul 2018 20:13

Instrument :

BNA_G

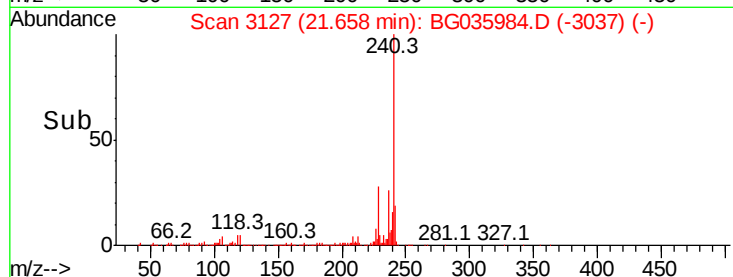
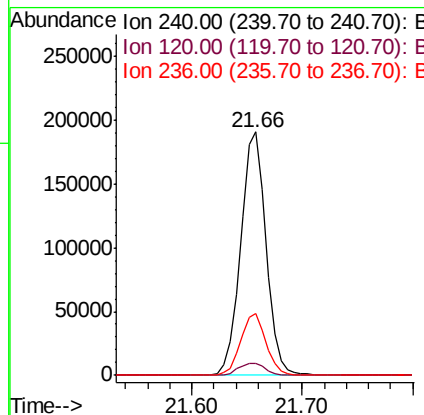
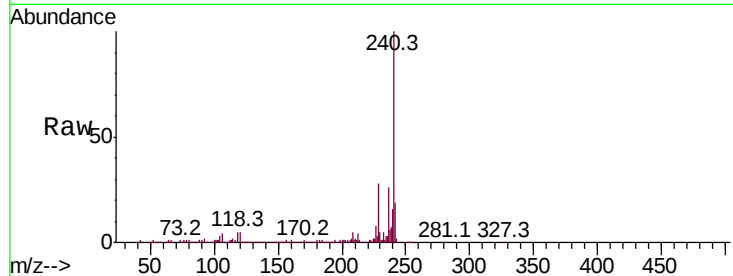
ClientSampleId :

PB111523BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	4.8	6.8	10.2	
236	25.6	20.9	31.3	

Manual Integrations
APPROVED

Sohil
7/31/2018 12:20:51 PM



#76

Benzidine

Concen: 31.910 ng

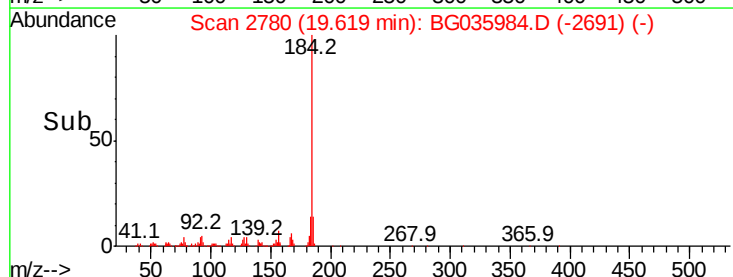
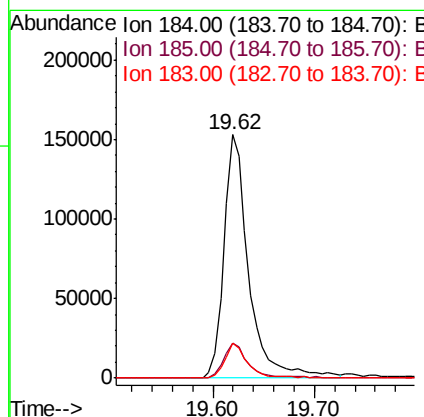
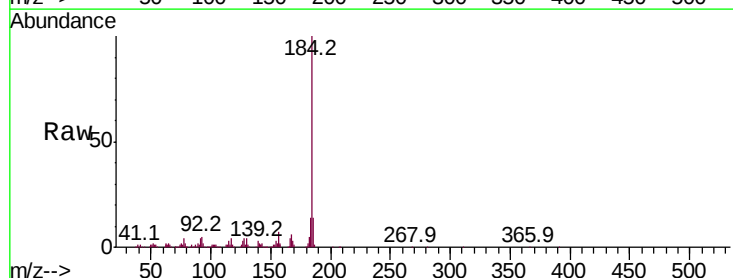
RT: 19.62 min Scan# 2780

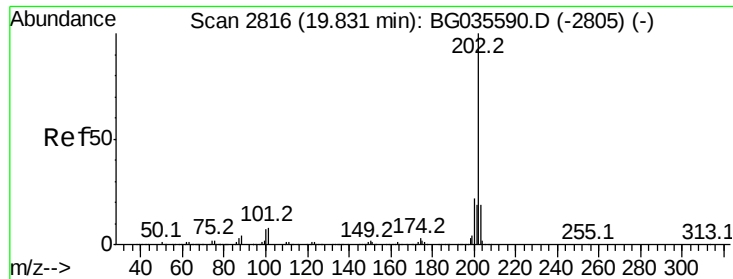
Delta R.T. -0.01 min

Lab File: BG035984.D

Acq: 30 Jul 2018 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	14.3	11.1	16.7	
183	14.1	10.6	16.0	





#77

Pvrene

Concen: 37.605 ng

RT: 19.80 min Scan# 2811

Delta R.T. -0.01 min

Lab File: BG035984.D

Acq: 30 Jul 2018 20:13

Instrument :

BNA_G

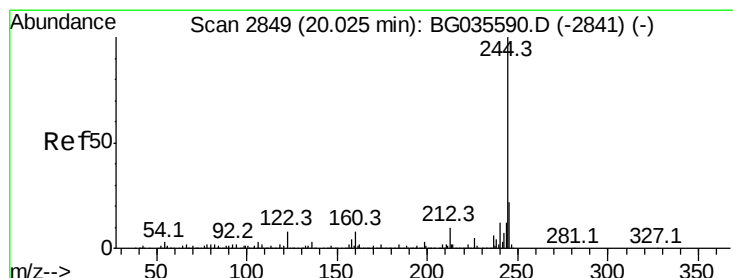
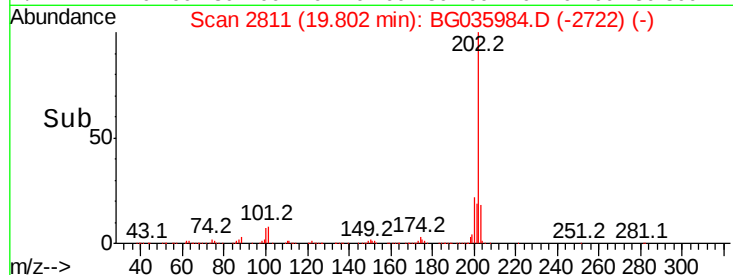
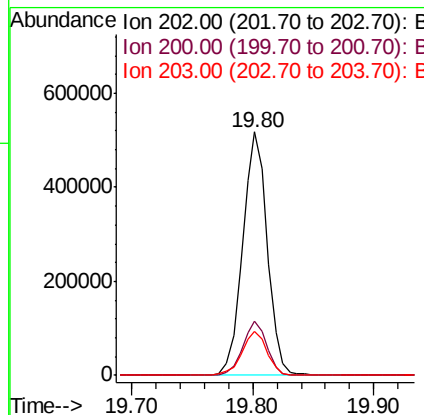
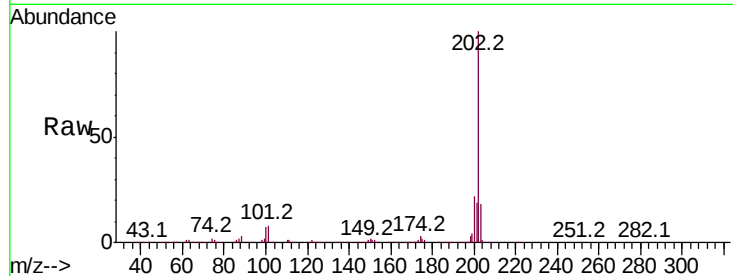
ClientSampleId :

PB111523BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		733111		
200	22.1	16.9	25.3		
203	18.3	13.9	20.9		

Manual Integrations
APPROVED

Sohil
7/31/2018 12:20:51 PM



#78

Terphenyl-d14

Concen: 82.934 ng

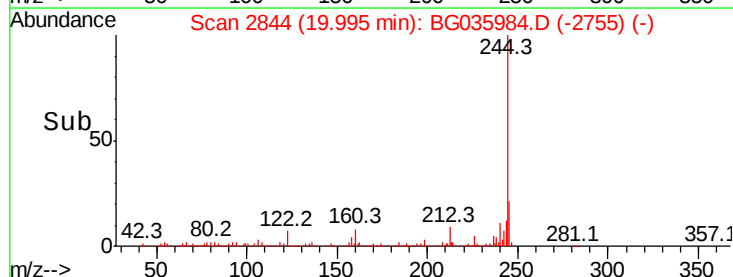
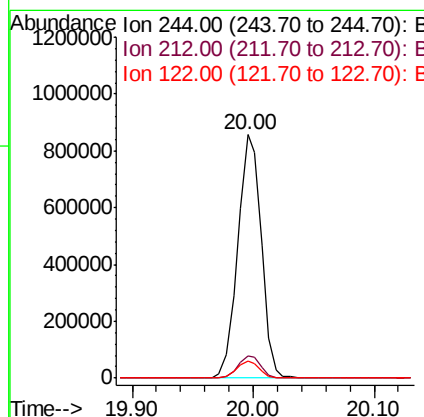
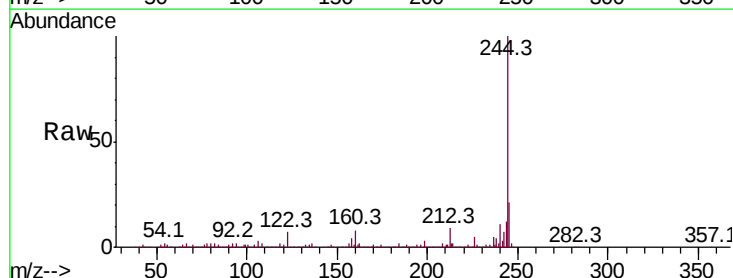
RT: 20.00 min Scan# 2844

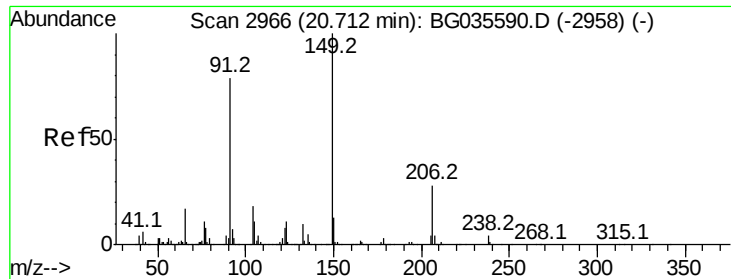
Delta R.T. -0.01 min

Lab File: BG035984.D

Acq: 30 Jul 2018 20:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
244	100		1159994		
212	9.2	5.8	8.8#		
122	7.1	7.0	10.4		





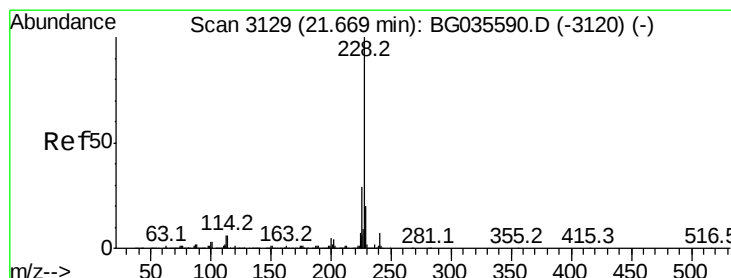
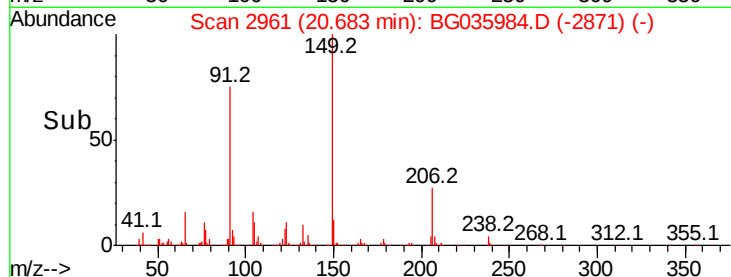
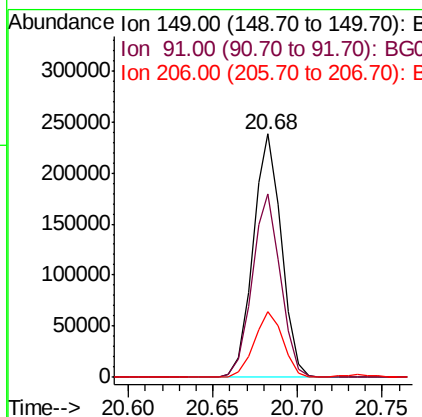
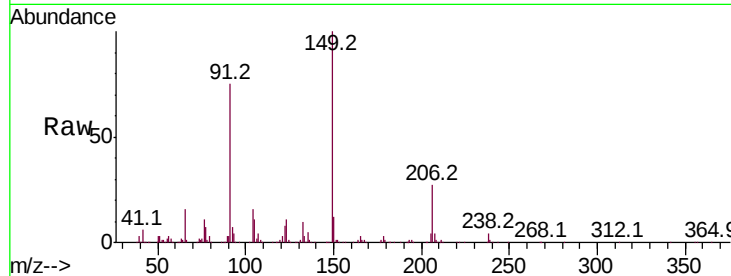
#79
Butylbenzylphthalate
Concen: 39.709 ng
RT: 20.68 min Scan# 2961
Delta R.T. -0.00 min
Lab File: BG035984.D
Acq: 30 Jul 2018 20:13

Instrument :
BNA_G
ClientSampleId :
PB111523BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	75.4	62.2	93.2
206	27.1	18.6	27.8

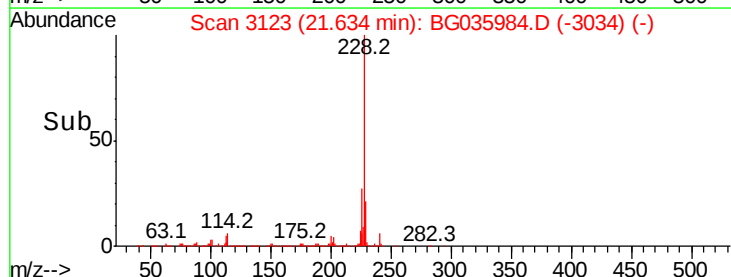
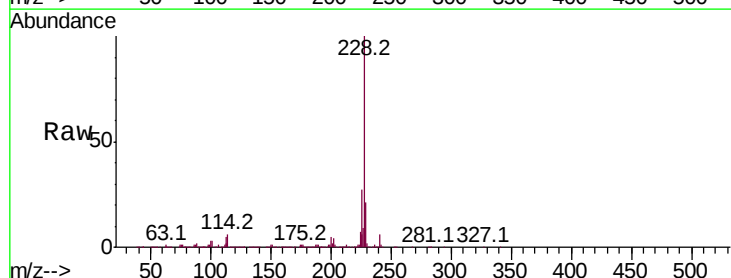
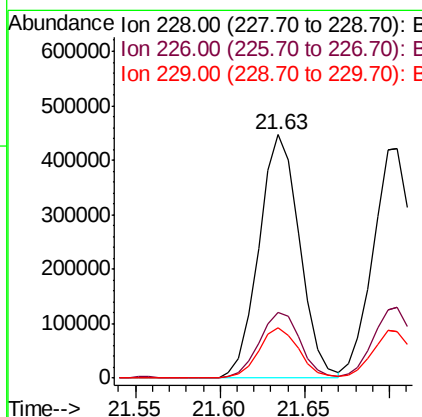
Manual Integrations
APPROVED

Sohil
7/31/2018 12:20:51 PM



#80
Benzo(a)anthracene
Concen: 38.818 ng
RT: 21.63 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BG035984.D
Acq: 30 Jul 2018 20:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.7	34.1
229	20.6	16.2	24.2





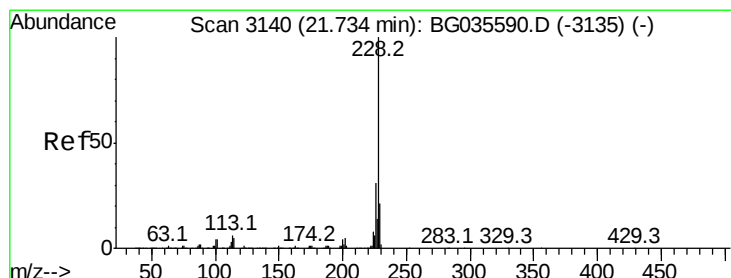
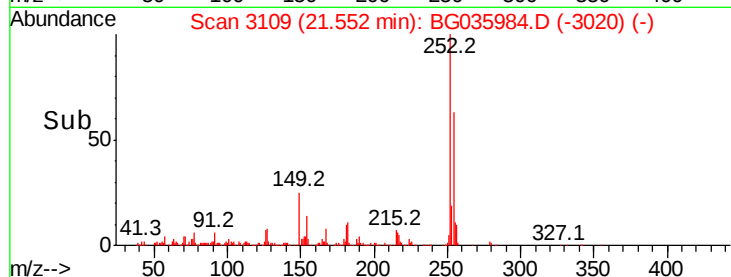
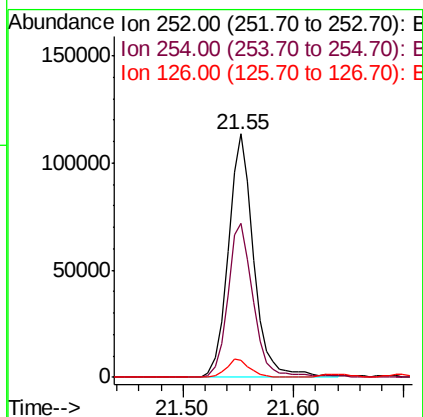
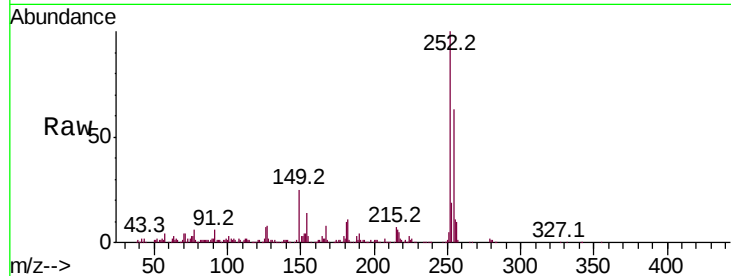
#81
 3,3'-Dichlorobenzidine
 Concen: 27.145 ng
 RT: 21.55 min Scan# 3109
 Delta R.T. -0.01 min
 Lab File: BG035984.D
 Acq: 30 Jul 2018 20:13

Instrument :
 BNA_G
 ClientSampleId :
 PB111523BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.5	50.8	76.2
126	7.1	7.4	11.2#

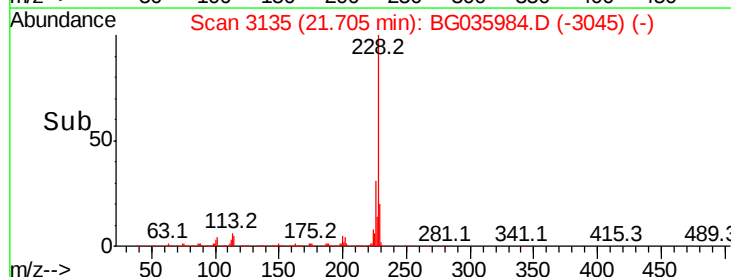
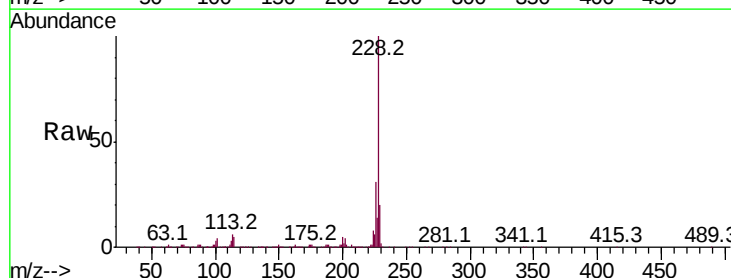
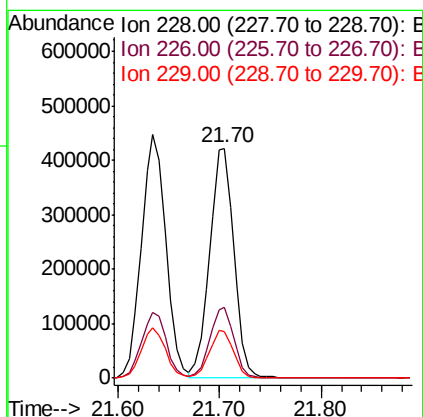
Manual Integrations
 APPROVED

Sohil
 7/31/2018 12:20:51 PM



#82
 Chrysene
 Concen: 39.325 ng
 RT: 21.70 min Scan# 3135
 Delta R.T. -0.00 min
 Lab File: BG035984.D
 Acq: 30 Jul 2018 20:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.9	37.3
229	20.2	15.0	22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.572 ng

RT: 21.53 min Scan# 3106

Delta R.T. -0.01 min

Lab File: BG035984.D

Acq: 30 Jul 2018 20:13

Instrument :

BNA_G

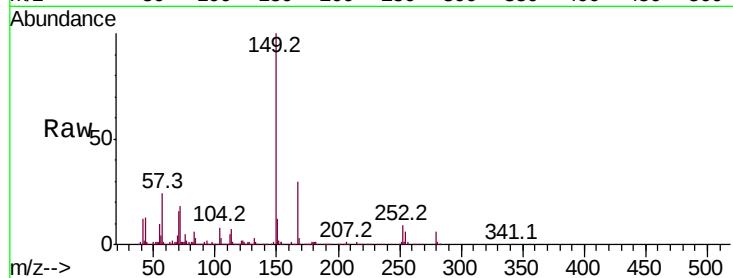
ClientSampleId :

PB111523BS

Tot Ion:	149	Resp:	375054
Ion Ratio	Lower	Upper	
149	100		
167	30.3	24.3	36.5
279	5.9	4.0	6.0

Manual Integrations
APPROVED

Sohil
7/31/2018 12:20:51 PM

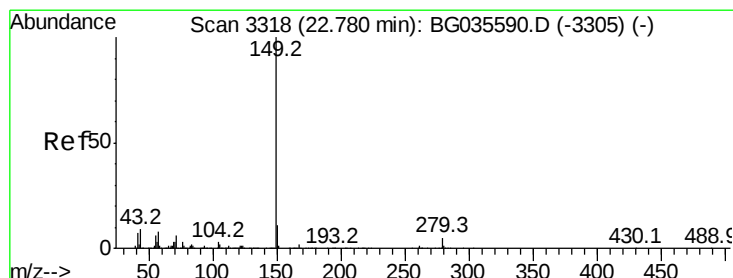
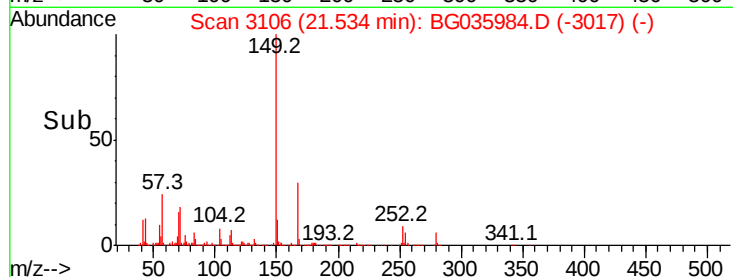
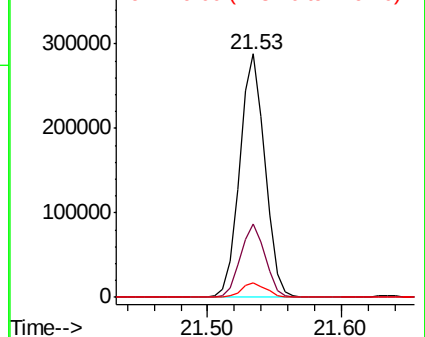


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 40.426 ng

RT: 22.73 min Scan# 3310

Delta R.T. -0.01 min

Lab File: BG035984.D

Acq: 30 Jul 2018 20:13

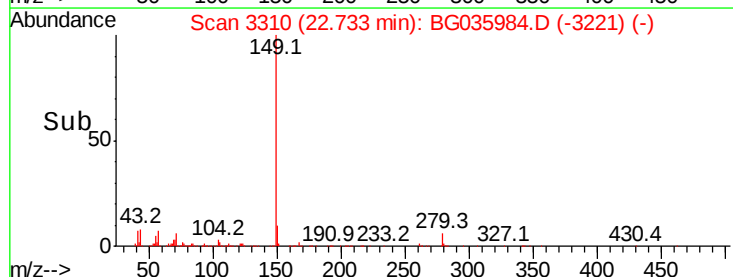
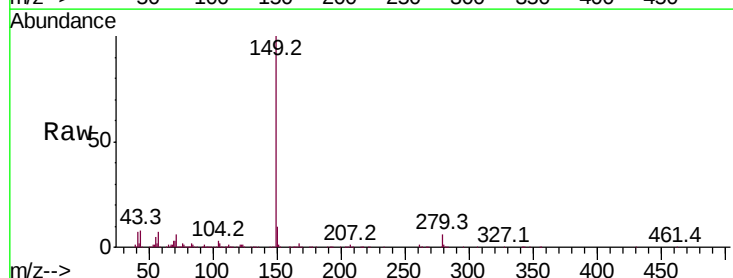
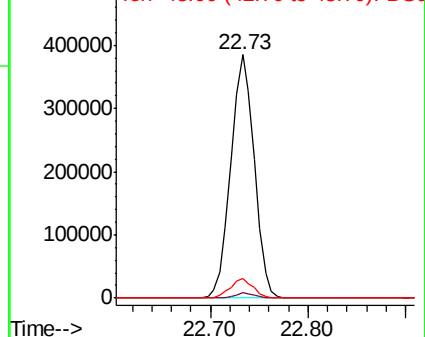
Tgt Ion:	149	Resp:	641531
Ion Ratio	Lower	Upper	
149	100		
167	2.0	1.4	2.0
43	7.8	8.9	13.3#

Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC





#85

Indeno(1,2,3-cd)pyrene

Concen: 39.247 ng

RT: 28.49 min Scan# 4290

Delta R.T. -0.01 min

Lab File: BG035984.D

Acq: 30 Jul 2018 20:13

Instrument :

BNA_G

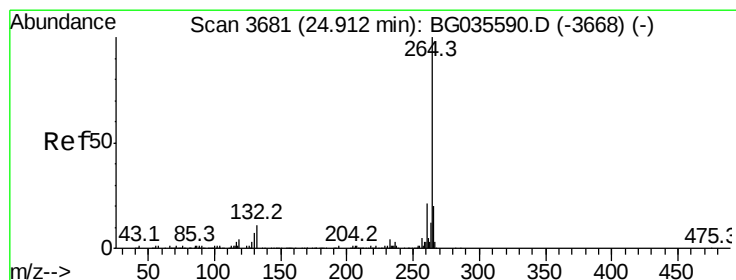
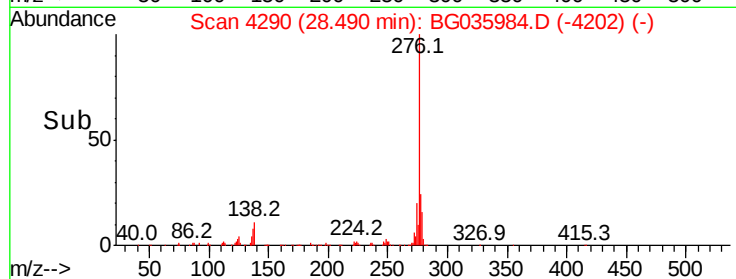
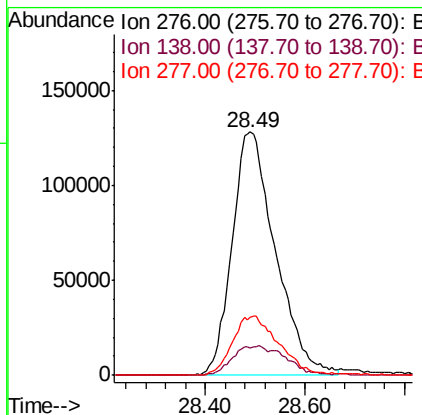
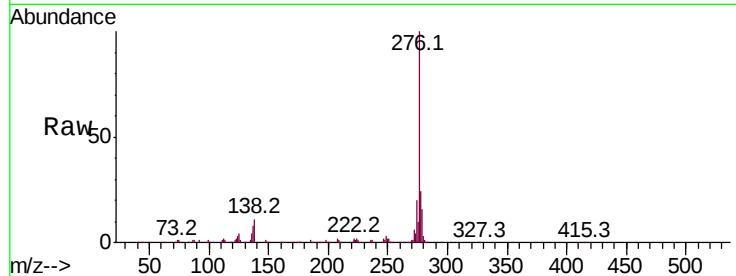
ClientSampleId :

PB111523BS

Tot Ion:	276	Resp:	773637
Ion Ratio	Lower	Upper	
276	100		
138	5.4	16.0	24.0#
277	25.9	20.0	30.0

Manual Integrations
APPROVED

Sohil
7/31/2018 12:20:51 PM



#86

Perylene-d12

Concen: 20.000 ng

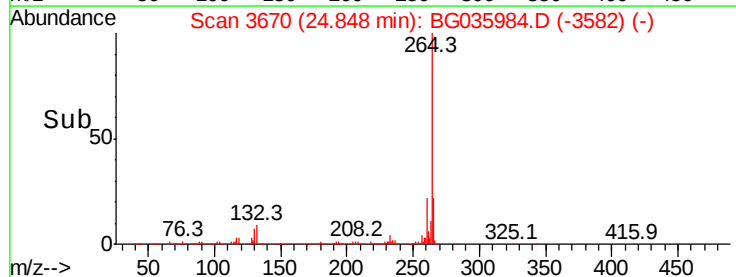
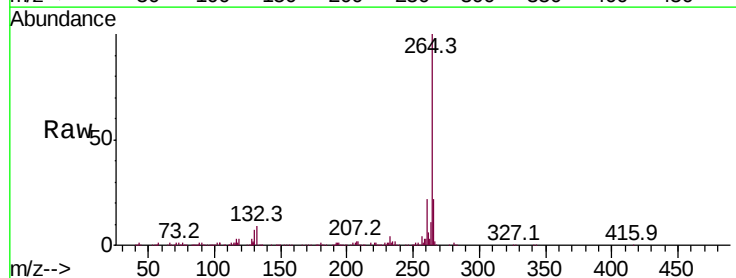
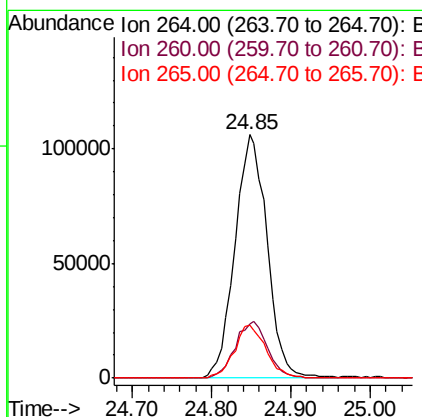
RT: 24.85 min Scan# 3670

Delta R.T. -0.01 min

Lab File: BG035984.D

Acq: 30 Jul 2018 20:13

Tgt Ion:	264	Resp:	298887
Ion Ratio	Lower	Upper	
264	100		
260	22.5	17.4	26.0
265	21.8	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 38.208 ng

RT: 23.84 min Scan# 3498

Delta R.T. -0.01 min

Lab File: BG035984.D

Acq: 30 Jul 2018 20:13

Instrument :

BNA_G

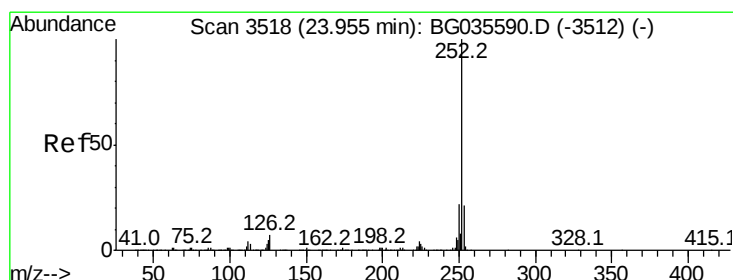
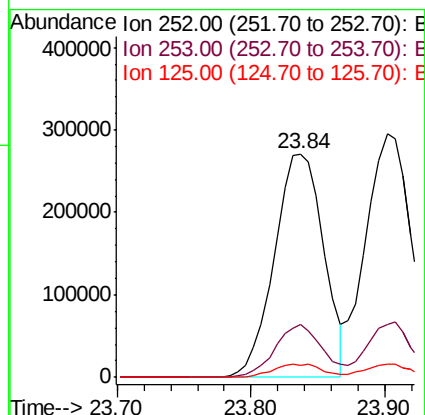
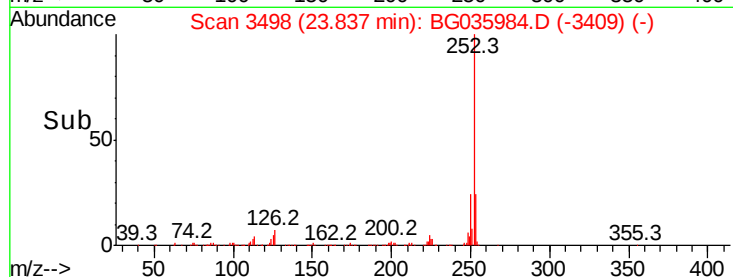
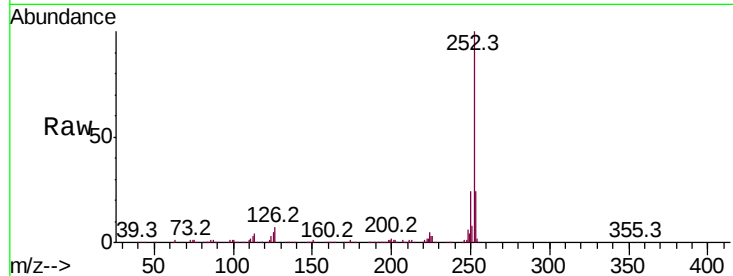
ClientSampleId :

PB111523BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.2	27.4
125	5.3	7.2	10.8#

Manual Integrations
APPROVED

Sohil
7/31/2018 12:20:51 PM



#88

Benzo(k)fluoranthene

Concen: 39.677 ng

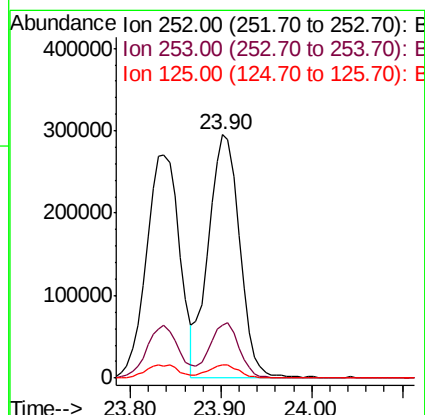
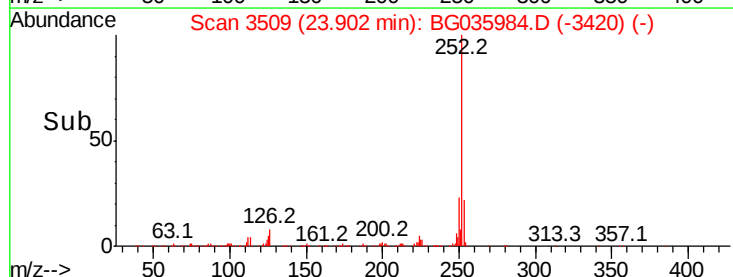
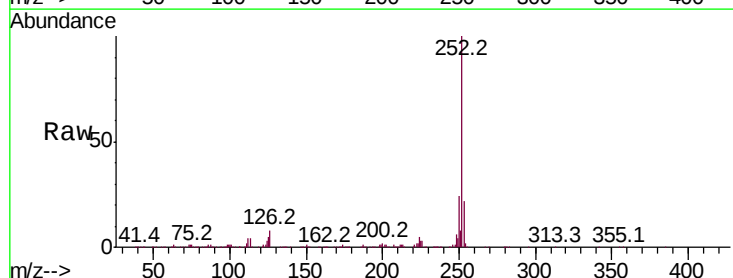
RT: 23.90 min Scan# 3509

Delta R.T. -0.01 min

Lab File: BG035984.D

Acq: 30 Jul 2018 20:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.2
125	5.4	6.6	9.8#





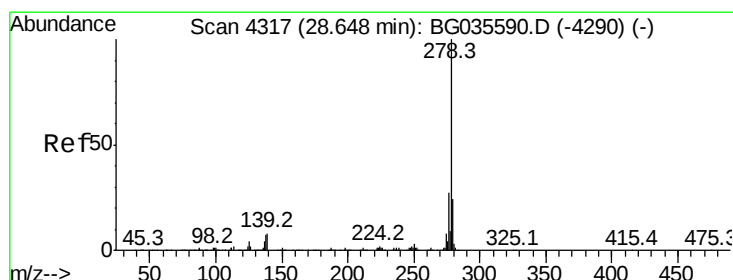
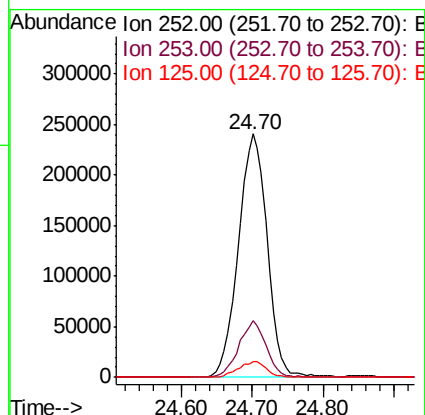
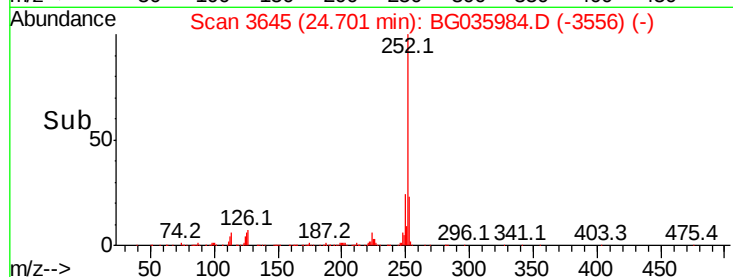
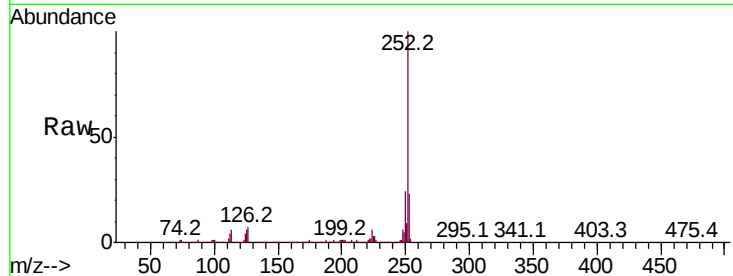
#89
Benzo(a)pyrene
Concen: 40.404 ng
RT: 24.70 min Scan# 3645
Delta R.T. -0.01 min
Lab File: BG035984.D
Acq: 30 Jul 2018 20:13

Instrument :
BNA_G
ClientSampleId :
PB111523BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.3	27.5
125	6.4	7.3	10.9

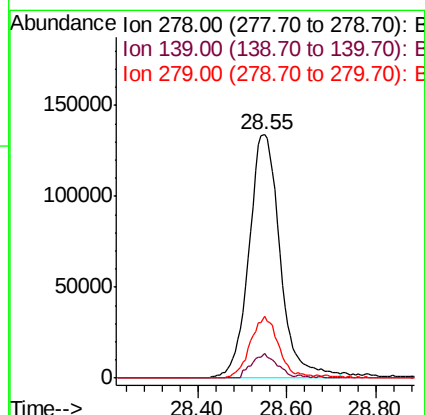
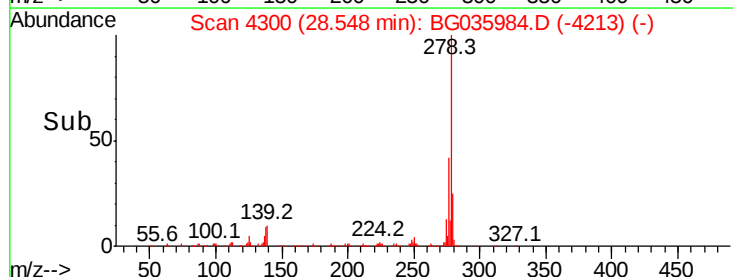
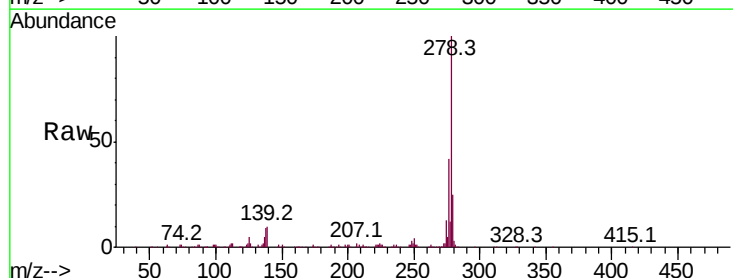
Manual Integrations
APPROVED

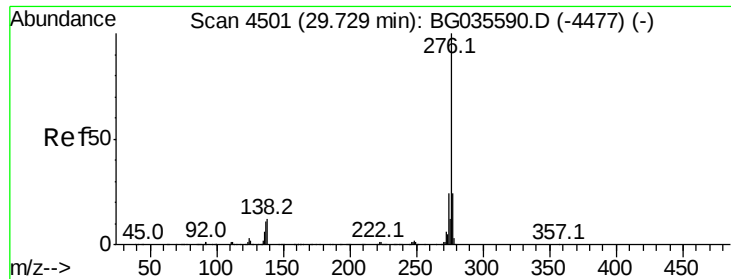
Sohil
7/31/2018 12:20:51 PM



#90
Dibenzo(a,h)anthracene
Concen: 38.823 ng
RT: 28.55 min Scan# 4300
Delta R.T. -0.02 min
Lab File: BG035984.D
Acq: 30 Jul 2018 20:13

Tgt Ion	Ratio	Lower	Upper
278	100		
139	10.3	9.8	14.6
279	25.4	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 39.433 ng
 RT: 29.63 min Scan# 4484
 Delta R.T. -0.01 min
 Lab File: BG035984.D
 Acq: 30 Jul 2018 20:13

Instrument :
 BNA_G
 ClientSampleId :
 PB111523BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.3	27.5
138	11.3	13.9	20.9

Manual Integrations
 APPROVED

Sohil
 7/31/2018 12:20:51 PM

