

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071918\
 Data File : BG035761.D
 Acq On : 19 Jul 2018 22:44
 Operator : JU/SJ
 Sample : J4030-03MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB1-12-0MSD

Manual Integrations
 APPROVED

Sohil
 7/20/2018 11:18:32 AM

Quant Time: Jul 20 02:36:01 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	8.03	152	41458	20.00	ng	-0.01
21) Naphthalene-d8	10.83	136	154802	20.00	ng	-0.01
38) Acenaphthene-d10	14.65	164	113513	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	324874	20.00	ng	0.00
75) Chrysene-d12	21.66	240	362286	20.00	ng	-0.01
86) Perylene-d12	24.86	264	356667	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	340157	136.22	ng	0.00
7) Phenol-d6	7.20	99	433072	116.24	ng	0.00
23) Nitrobenzene-d5	9.19	82	355534	95.94	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	261000	174.44	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	828388	97.77	ng	-0.01
78) Terphenyl-d14	20.01	244	1622675	98.73	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	46525	36.607	ng	# 74
3) Pyridine	3.93	79	114728	34.578	ng	# 68
4) n-Nitrosodimethylamine	3.83	42	56543	39.689	ng	# 74
6) Aniline	7.36	93	86867	17.989	ng	97
8) 2-Chlorophenol	7.60	128	125786	49.528	ng	96
9) Benzaldehyde	7.17	77	61571	26.934	ng	94
10) Phenol	7.23	94	155245	41.244	ng	95
11) bis(2-Chloroethyl)ether	7.45	93	133747	45.372	ng	90
12) 1,3-Dichlorobenzene	7.92	146	141348	46.088	ng	97
13) 1,4-Dichlorobenzene	8.06	146	142808	45.828	ng	93
14) 1,2-Dichlorobenzene	8.39	146	137231	45.842	ng	97
15) Benzyl Alcohol	8.27	79	143593	42.442	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.56	45	148614	60.135	ng	73
17) 2-Methylphenol	8.47	107	119930	46.863	ng	94
18) Hexachloroethane	9.11	117	53884	45.225	ng	96
19) n-Nitroso-di-n-propylamine	8.83	70	124976	39.835	ng	# 83
20) 3+4-Methylphenols	8.81	107	164159	46.239	ng	93
22) Acetophenone	8.85	105	229490	47.672	ng	# 90
24) Nitrobenzene	9.23	77	183348	49.198	ng	94
25) Isophorone	9.76	82	368196	53.525	ng	99
26) 2-Nitrophenol	9.94	139	74708	56.445	ng	# 84
27) 2,4-Dimethylphenol	10.01	122	128347	57.287	ng	93
28) bis(2-Chloroethoxy)methane	10.23	93	186673	49.248	ng	95
29) 2,4-Dichlorophenol	10.48	162	147543	57.691	ng	97
30) 1,2,4-Trichlorobenzene	10.70	180	156956	50.050	ng	97
31) Naphthalene	10.88	128	394417	48.912	ng	97
32) Benzoic acid	10.13	122	14497	9.612	ng	93
33) 4-Chloroaniline	11.01	127	11627	3.308	ng	# 96
34) Hexachlorobutadiene	11.17	225	119841	49.007	ng	94
35) Caprolactam	11.83	113	39864m	36.323	ng	
36) 4-Chloro-3-methylphenol	12.12	107	188558	55.005	ng	91
37) 2-Methylnaphthalene	12.49	142	313850	52.242	ng	90
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	212111	49.508	ng	97
40) Hexachlorocyclopentadiene	12.83	237	252744	112.485	ng	90

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071918\
 Data File : BG035761.D
 Acq On : 19 Jul 2018 22:44
 Operator : JU/SJ
 Sample : J4030-03MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB1-12-0MSD

Manual Integrations
 APPROVED

Sohil
 7/20/2018 11:18:32 AM

Quant Time: Jul 20 02:36:01 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	13.09	196	144432	57.646	nq	96
43) 2,4,5-Trichlorophenol	13.17	196	162879	58.111	nq	# 94
45) 1,1'-Biphenyl	13.49	154	445922	50.670	nq	99
46) 2-Chloronaphthalene	13.53	162	354266	51.752	nq	99
47) 2-Nitroaniline	13.74	65	124830	51.580	nq	97
48) Acenaphthylene	14.38	152	589564	51.414	nq	98
49) Dimethylphthalate	14.11	163	520023	52.288	nq	98
50) 2,6-Dinitrotoluene	14.23	165	120638	59.567	nq	92
51) Acenaphthene	14.72	154	350063	49.007	nq	99
52) 3-Nitroaniline	14.56	138	27026	13.056	nq	# 94
53) 2,4-Dinitrophenol	14.77	184	45092	46.317	nq	# 59
54) Dibenzofuran	15.05	168	591771	52.091	nq	94
55) 4-Nitrophenol	14.88	139	156717	106.310	nq	# 83
56) 2,4-Dinitrotoluene	15.02	165	173076	59.568	nq	# 85
57) Fluorene	15.70	166	493598	51.840	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.28	232	163735	60.927	nq	# 92
59) Diethylphthalate	15.47	149	529601	51.787	nq	97
60) 4-Chlorophenyl-phenylether	15.69	204	289939	51.809	nq	98
61) 4-Nitroaniline	15.73	138	103330	47.722	nq	85
62) Azobenzene	15.98	77	512745	50.831	nq	94
64) 4,6-Dinitro-2-methylphenol	15.78	198	59301	32.791	nq	88
65) n-Nitrosodiphenylamine	15.91	169	453838	49.079	nq	100
66) 4-Bromophenyl-phenylether	16.58	248	200789	53.273	nq	97
67) Hexachlorobenzene	16.70	284	203547	52.441	nq	95
68) Atrazine	16.85	200	218802	57.469	nq	96
69) Pentachlorophenol	17.05	266	150102	63.490	nq	98
70) Phenanthrene	17.44	178	835661	51.550	nq	96
71) Anthracene	17.53	178	846174	52.423	nq	99
72) Carbazole	17.80	167	773522	50.461	nq	98
73) Di-n-butylphthalate	18.35	149	913826	50.446	nq	# 97
74) Fluoranthene	19.45	202	1117879	51.195	nq	95
76) Benzidine	19.63	184	217290	22.814	nq	97
77) Pyrene	19.81	202	1118408	48.822	nq	95
79) Butylbenzylphthalate	20.69	149	436414	53.274	nq	98
80) Benzo(a)anthracene	21.65	228	1148012	50.849	nq	97
81) 3,3'-Dichlorobenzidine	21.56	252	180477	22.926	nq	# 98
82) Chrysene	21.71	228	1074362	51.353	nq	96
83) Bis(2-ethylhexyl)phthalate	21.54	149	610566	54.824	nq	98
84) Di-n-octyl phthalate	22.74	149	1040000	55.772	nq	# 92
85) Indeno(1,2,3-cd)pyrene	28.52	276	1258182	54.319	nq	# 73
87) Benzo(b)fluoranthene	23.85	252	1140240	52.599	nq	# 97
88) Benzo(k)fluoranthene	23.91	252	1060354	50.032	nq	# 97
89) Benzo(a)pyrene	24.72	252	1077326	53.419	nq	# 98
90) Dibenzo(a,h)anthracene	28.58	278	1043761	52.717	nq	# 97
91) Benzo(g,h,i)perylene	29.65	276	1055357	54.471	nq	# 94

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



#1

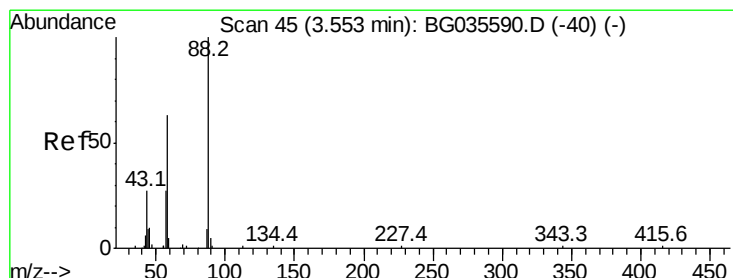
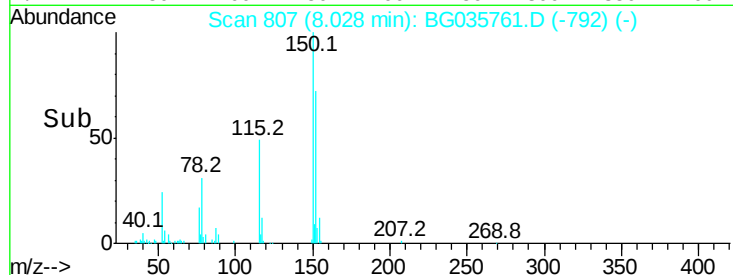
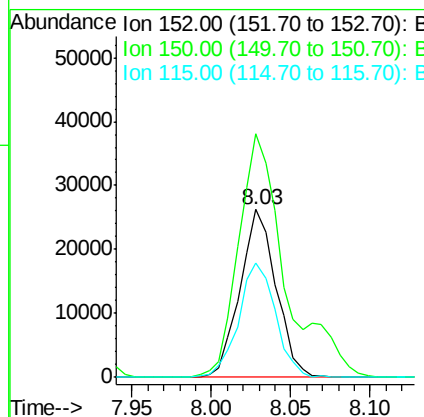
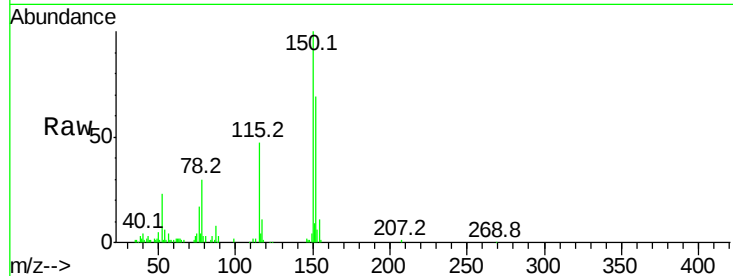
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. -0.01 min
Lab File: BG035761.D
Acq: 19 Jul 2018 22:44

Instrument :
BNA_G
ClientSampleId :
SB1-12-0MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.2	126.6	189.8
115	68.5	53.0	79.4

Manual Integrations
APPROVED

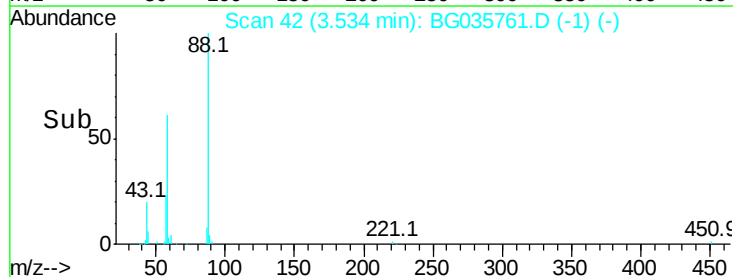
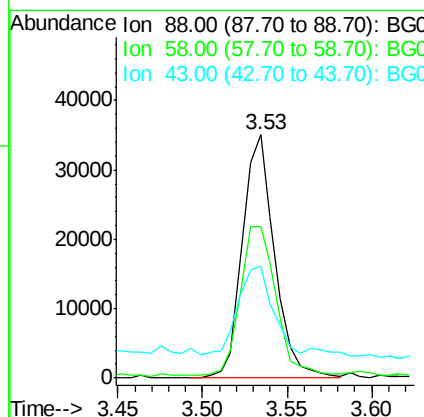
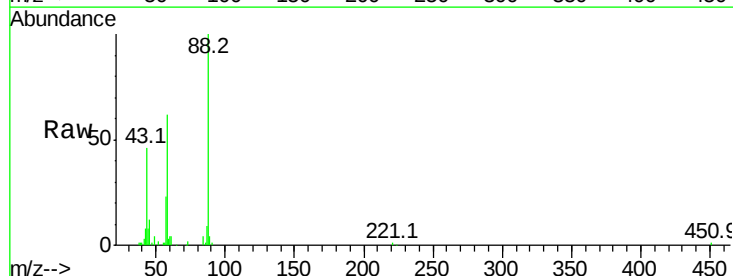
Sohil
7/20/2018 11:18:32 AM

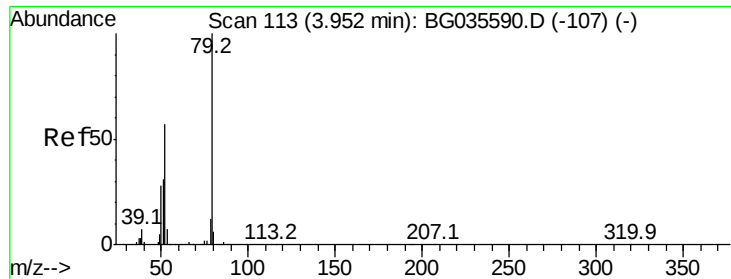


#2

1,4-Dioxane
Concen: 36.607 ng
RT: 3.53 min Scan# 42
Delta R.T. -0.00 min
Lab File: BG035761.D
Acq: 19 Jul 2018 22:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.2	79.6	119.4#
43	38.1	27.4	41.0





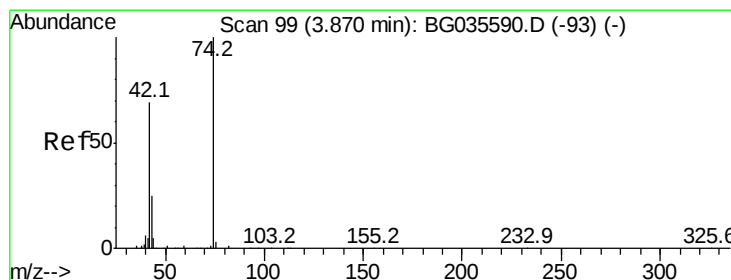
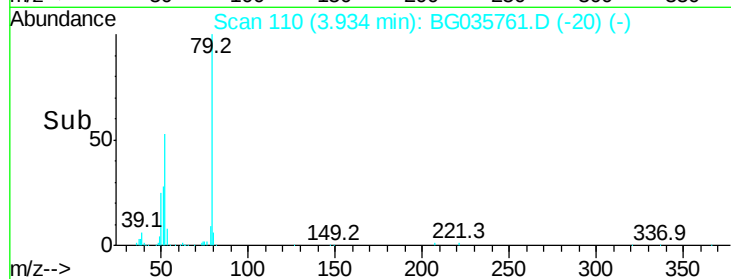
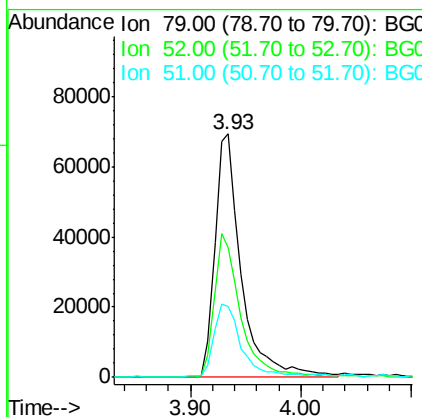
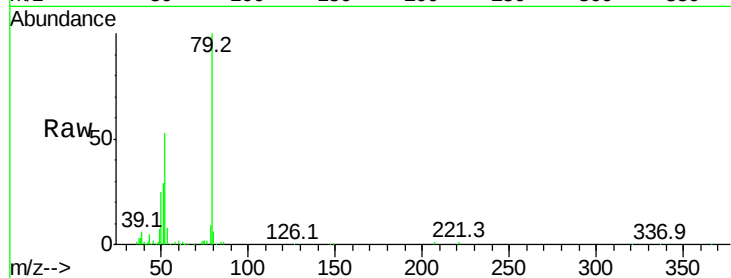
#3
 Pvridine
 Concen: 34.578 ng
 RT: 3.93 min Scan# 110
 Delta R.T. -0.00 min
 Lab File: BG035761.D
 Acq: 19 Jul 2018 22:44

Instrument :
 BNA_G
 ClientSampleId :
 SB1-12-0MSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	53.3	69.9	104.9#
51	29.0	34.0	51.0#

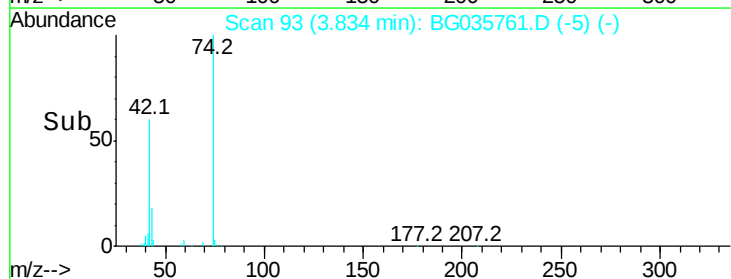
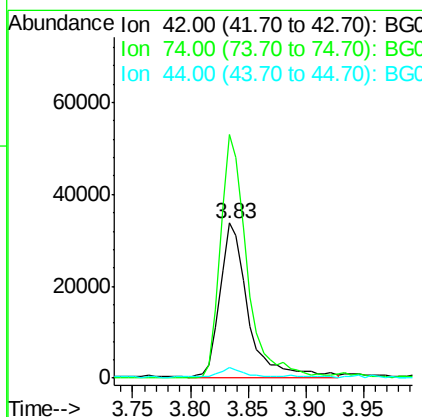
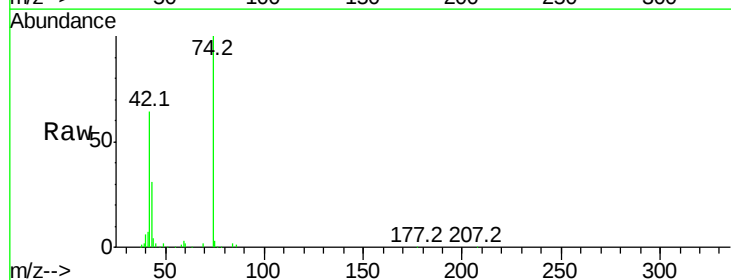
Manual Integrations
 APPROVED

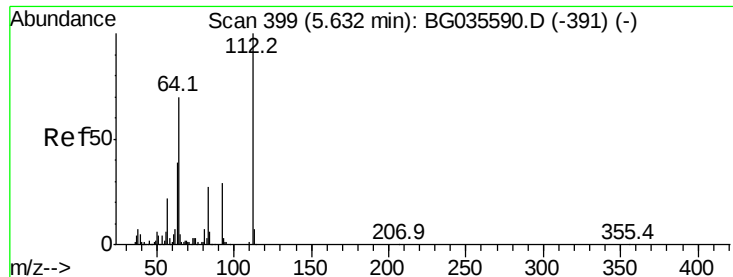
Sohil
 7/20/2018 11:18:32 AM



#4
 n-Nitrosodimethylamine
 Concen: 39.689 ng
 RT: 3.83 min Scan# 93
 Delta R.T. -0.01 min
 Lab File: BG035761.D
 Acq: 19 Jul 2018 22:44

Tgt Ion	Ratio	Lower	Upper
42	100		
74	156.8	102.5	153.7#
44	6.8	18.9	28.3#





#5

2-Fluorophenol

Concen: 136.220 ng

RT: 5.61 min Scan# 396

Delta R.T. -0.01 min

Lab File: BG035761.D

Acq: 19 Jul 2018 22:44

Instrument :

BNA_G

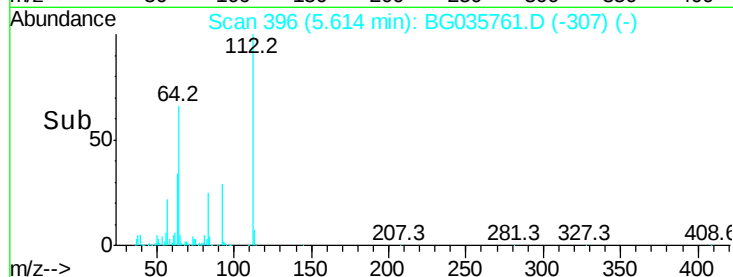
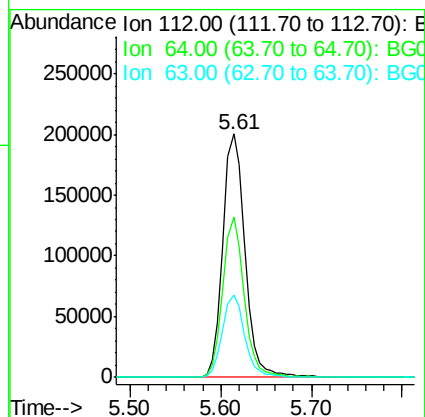
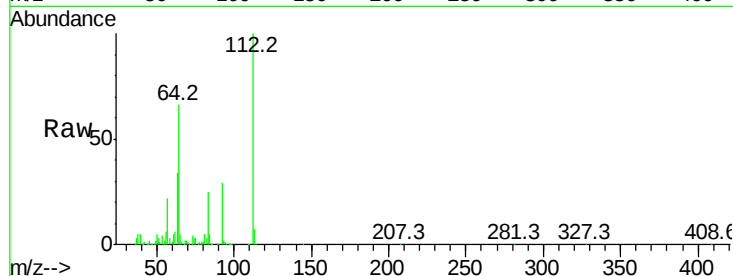
ClientSampleId :

SB1-12-0MSD

Tot Ion:	112	Resp:	340157
Ion Ratio	Lower	Upper	
112	100		
64	65.8	56.3	84.5
63	34.1	30.1	45.1

Manual Integrations
APPROVED

Sohil
7/20/2018 11:18:32 AM



#6

Aniline

Concen: 17.989 ng

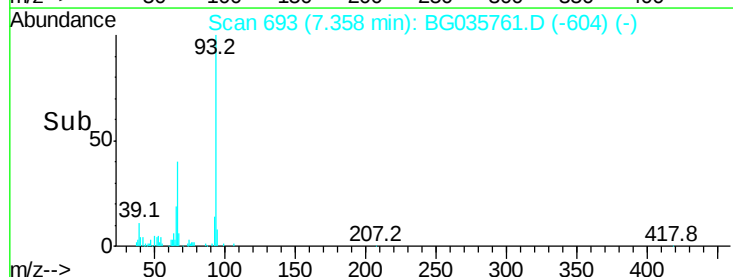
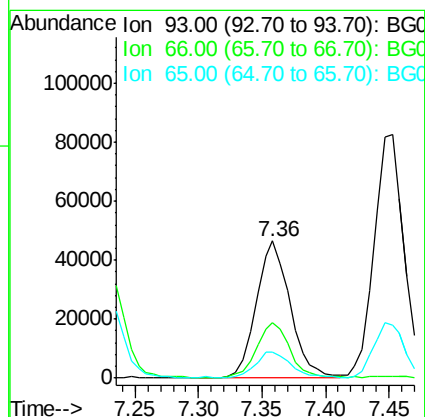
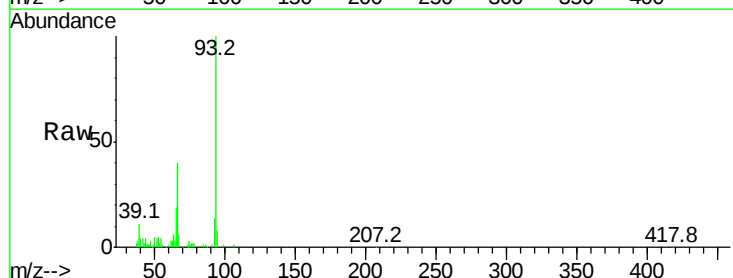
RT: 7.36 min Scan# 693

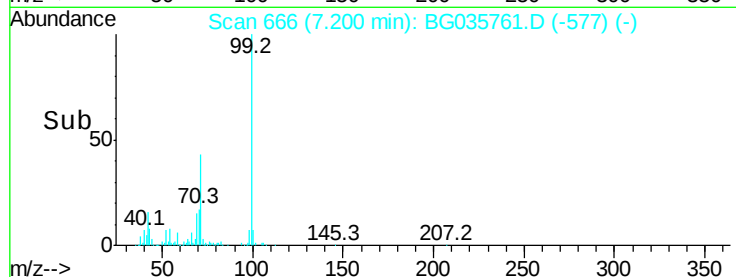
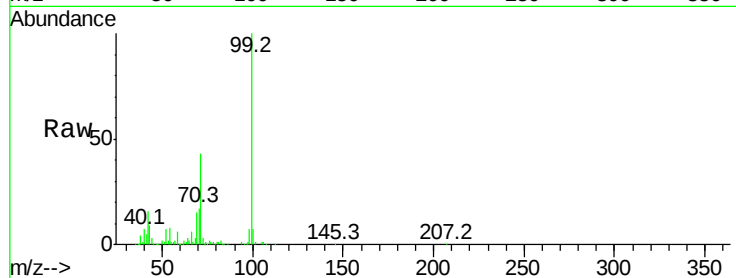
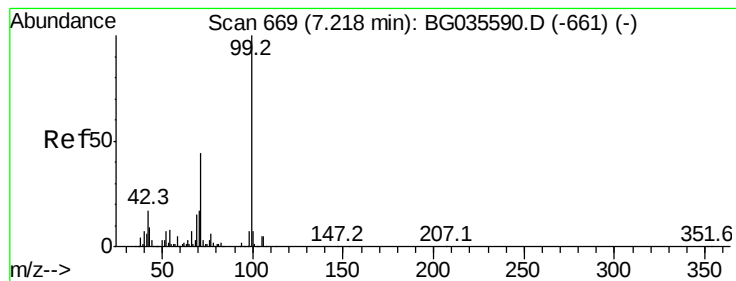
Delta R.T. -0.01 min

Lab File: BG035761.D

Acq: 19 Jul 2018 22:44

Tgt Ion:	93	Resp:	86867
Ion Ratio	Lower	Upper	
93	100		
66	40.0	33.7	50.5
65	19.3	16.1	24.1





#7

Phenol-d6

Concen: 116.240 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG035761.D

Acq: 19 Jul 2018 22:44

Tot Ion:	99	Resp:	433072
Ion Ratio	Lower	Upper	
99	100		
42	15.6	14.1	21.1
71	43.0	26.1	39.1#

Instrument :

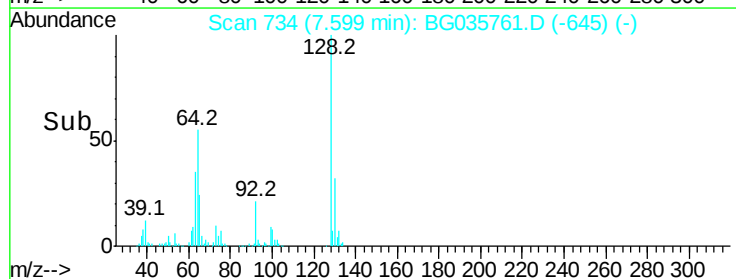
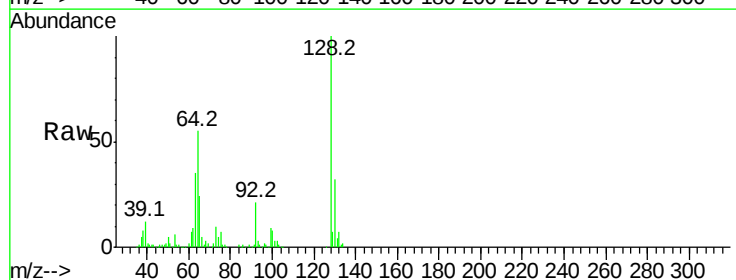
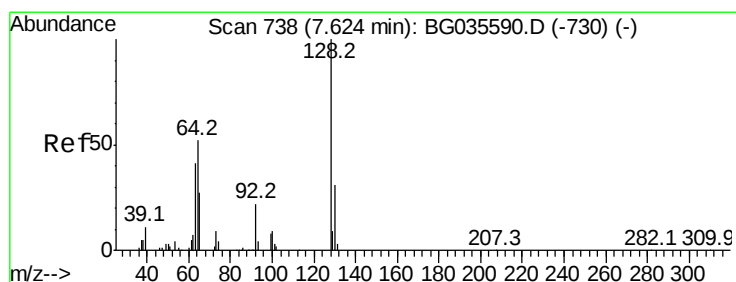
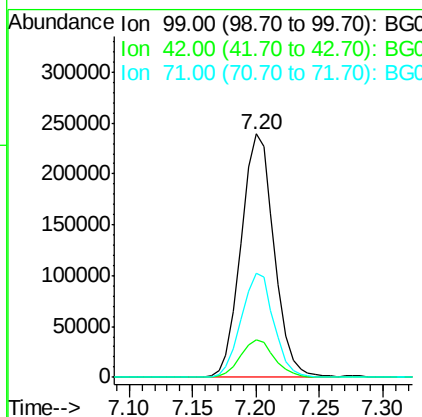
BNA_G

ClientSampleId :

SB1-12-0MSD

Manual Integrations
APPROVED

Sohil
7/20/2018 11:18:32 AM



#8

2-Chlorophenol

Concen: 49.528 ng

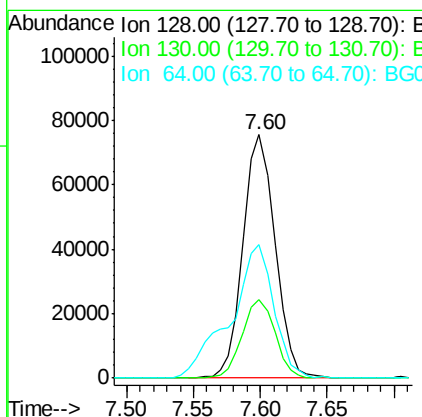
RT: 7.60 min Scan# 734

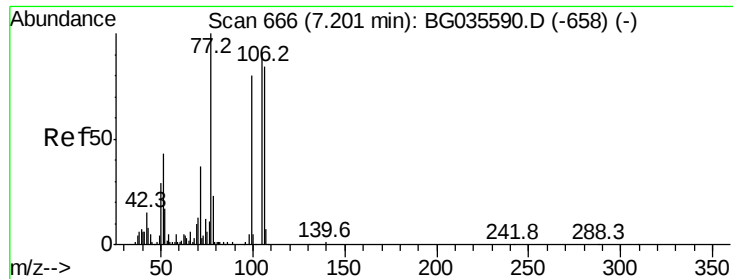
Delta R.T. -0.01 min

Lab File: BG035761.D

Acq: 19 Jul 2018 22:44

Tgt Ion:	128	Resp:	125786
Ion Ratio	Lower	Upper	
128	100		
130	32.1	14.0	54.0
64	54.8	37.7	77.7





#9

Benzaldehyde

Concen: 26.934 ng

RT: 7.17 min Scan# 661

Delta R.T. -0.01 min

Lab File: BG035761.D

Acq: 19 Jul 2018 22:44

Instrument :

BNA_G

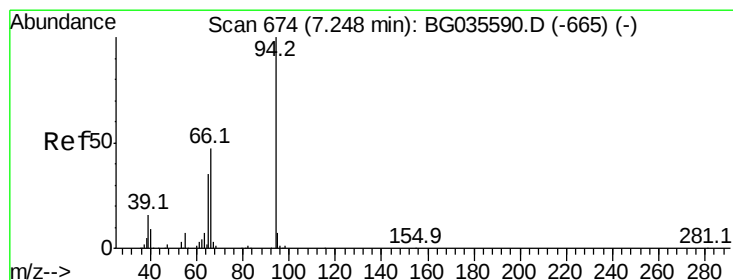
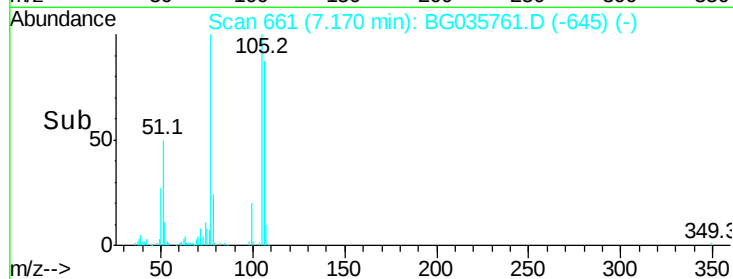
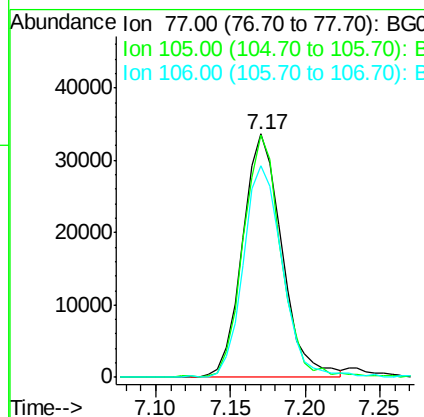
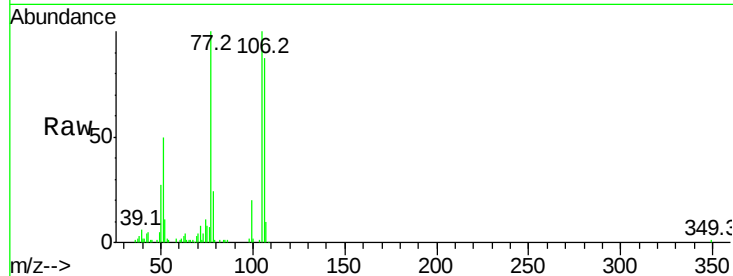
ClientSampleId :

SB1-12-0MSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	99.7	71.3	111.3
106	87.0	64.2	104.2

Manual Integrations
APPROVED

Sohil
7/20/2018 11:18:32 AM



#10

Phenol

Concen: 41.244 ng

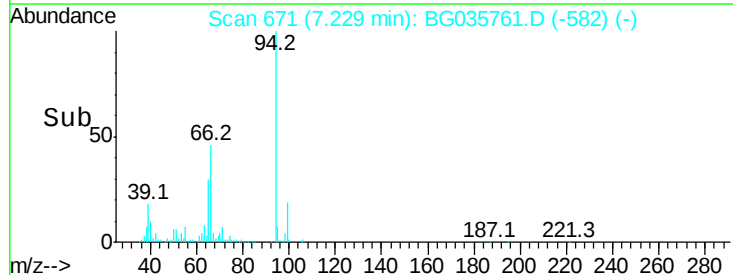
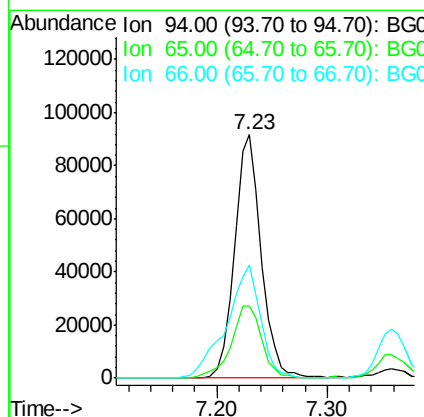
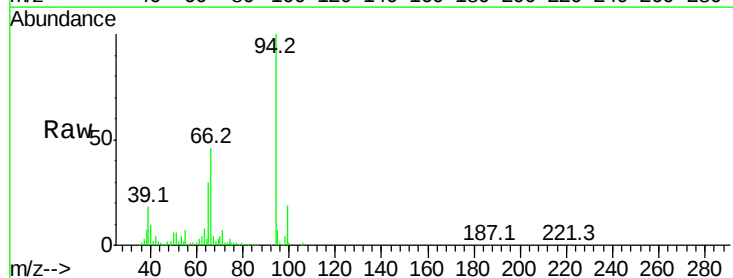
RT: 7.23 min Scan# 671

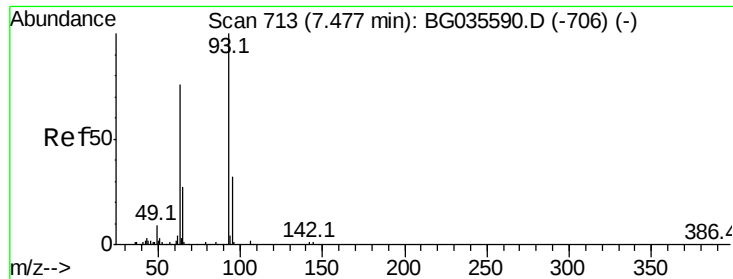
Delta R.T. -0.01 min

Lab File: BG035761.D

Acq: 19 Jul 2018 22:44

Tgt Ion	Ratio	Lower	Upper
94	100		
65	29.9	11.9	51.9
66	46.4	22.2	62.2





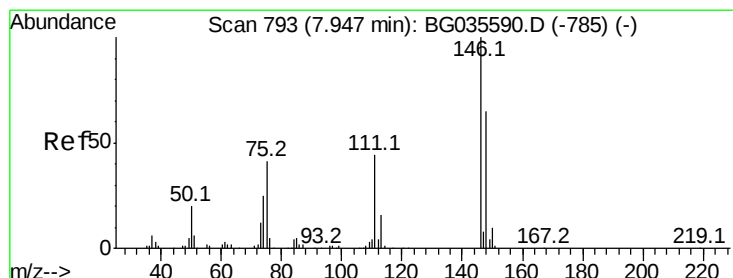
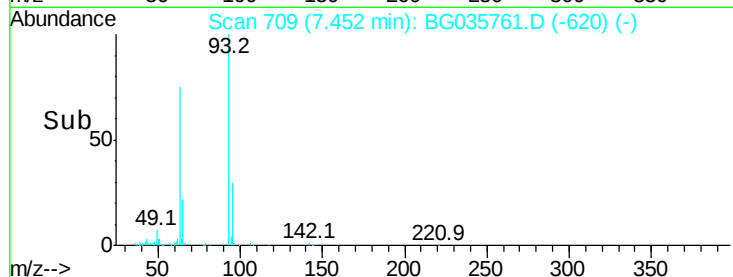
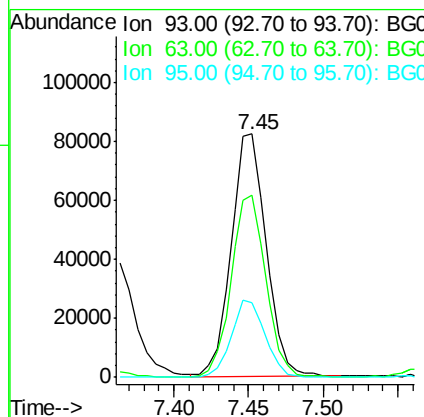
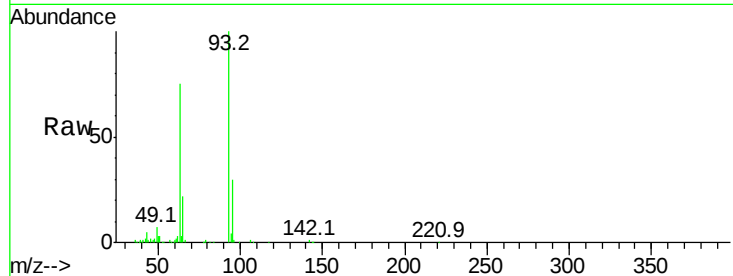
#11
bis(2-Chloroethyl)ether
Concen: 45.372 ng
RT: 7.45 min Scan# 709
Delta R.T. -0.01 min
Lab File: BG035761.D
Acq: 19 Jul 2018 22:44

Instrument :
BNA_G
ClientSampleId :
SB1-12-0MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	74.7	67.1	107.1
95	30.4	11.5	51.5

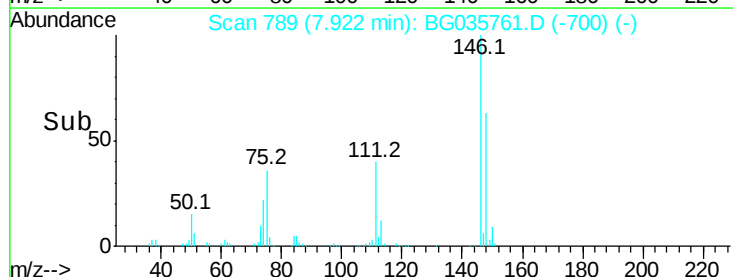
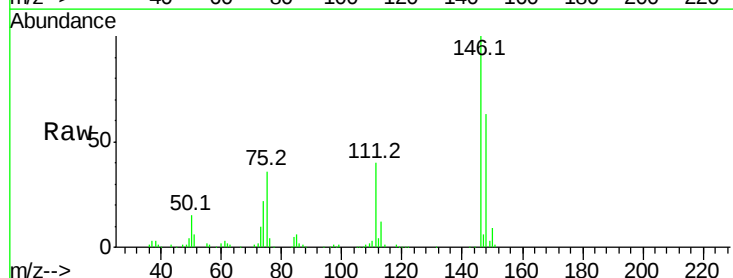
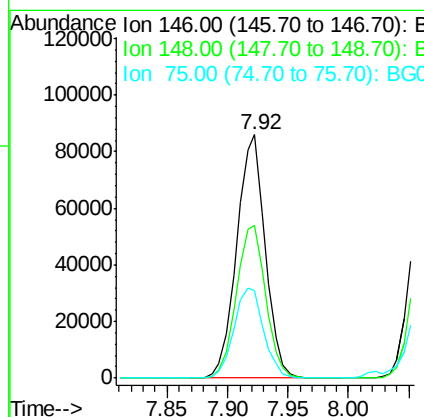
Manual Integrations
APPROVED

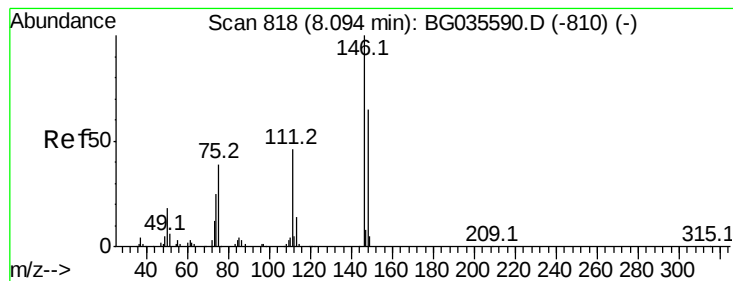
Sohil
7/20/2018 11:18:32 AM



#12
1,3-Dichlorobenzene
Concen: 46.088 ng
RT: 7.92 min Scan# 789
Delta R.T. -0.01 min
Lab File: BG035761.D
Acq: 19 Jul 2018 22:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	51.4	77.2
75	35.9	26.6	39.8





#13

1,4-Dichlorobenzene

Concen: 45.828 ng

RT: 8.06 min Scan# 813

Delta R.T. -0.01 min

Lab File: BG035761.D

Acq: 19 Jul 2018 22:44

Instrument :

BNA_G

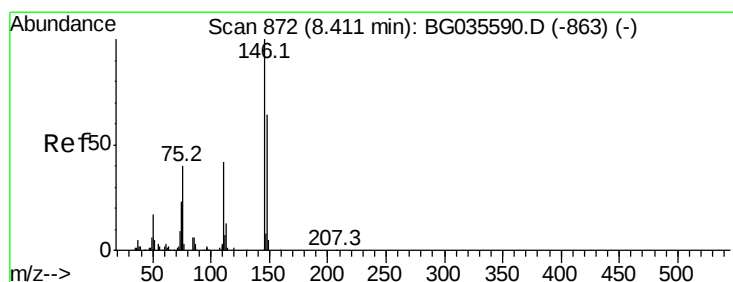
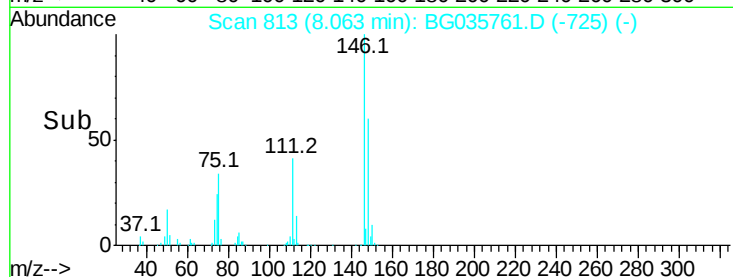
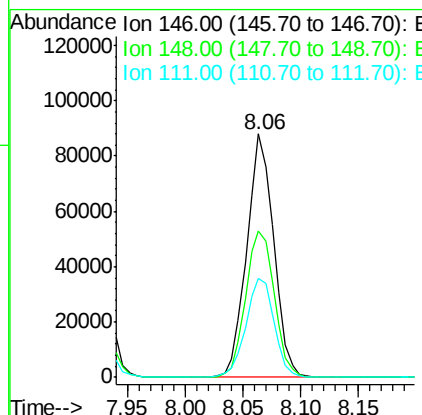
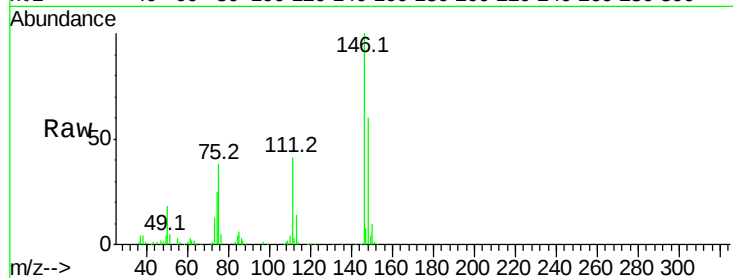
ClientSampleId :

SB1-12-0MSD

Tot Ion:	146	Resp:	142808
Ion Ratio	Lower	Upper	
146	100		
148	60.3	53.7	80.5
111	40.6	35.2	52.8

Manual Integrations
APPROVED

Sohil
7/20/2018 11:18:32 AM



#14

1,2-Dichlorobenzene

Concen: 45.842 ng

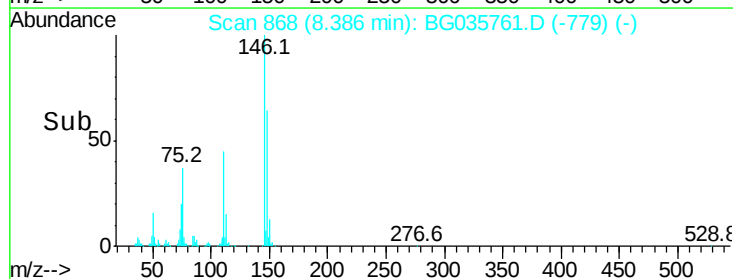
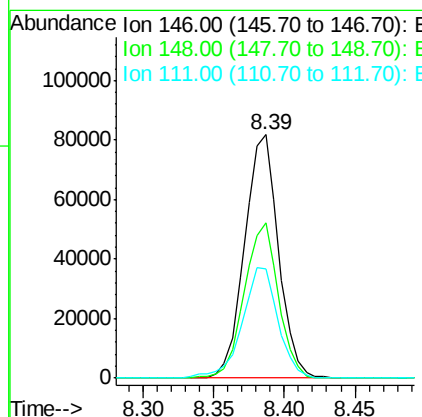
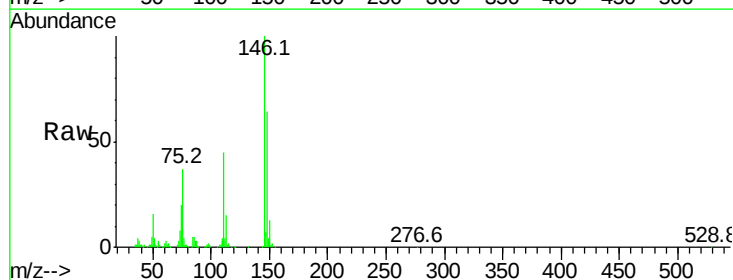
RT: 8.39 min Scan# 868

Delta R.T. -0.01 min

Lab File: BG035761.D

Acq: 19 Jul 2018 22:44

Tgt Ion:	146	Resp:	137231
Ion Ratio	Lower	Upper	
146	100		
148	63.9	49.3	73.9
111	45.0	34.3	51.5





#15

Benzyl Alcohol

Concen: 42.442 ng

RT: 8.27 min Scan# 848

Delta R.T. -0.01 min

Lab File: BG035761.D

Acq: 19 Jul 2018 22:44

Instrument :

BNA_G

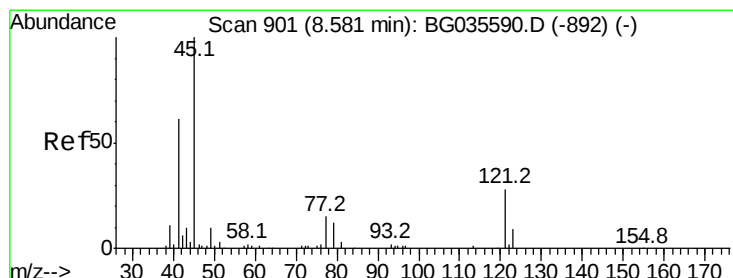
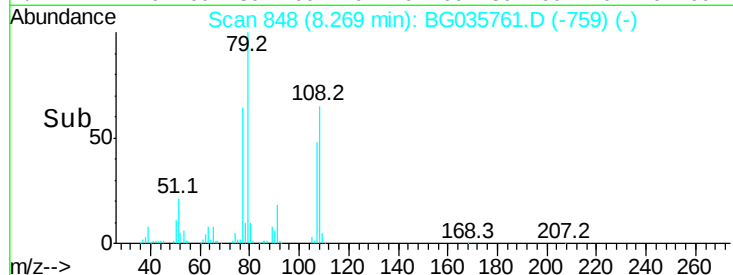
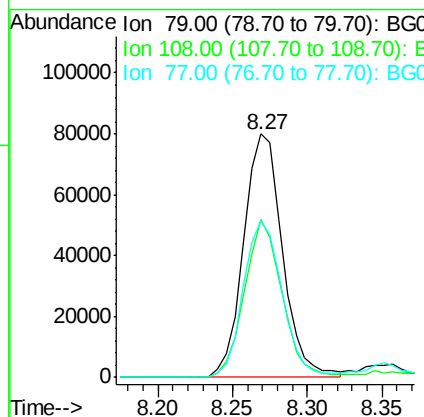
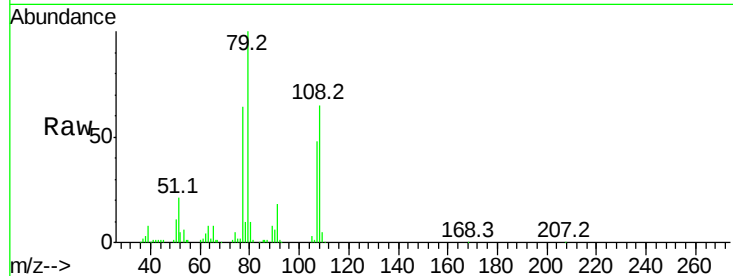
ClientSampled :

SB1-12-0MSD

Tot Ion:	79	Resp:	143593
Ion Ratio	Lower	Upper	
79	100		
108	64.9	57.2	85.8
77	64.3	46.1	69.1

Manual Integrations
APPROVED

Sohil
7/20/2018 11:18:32 AM



#16

2,2'-oxybis(1-chloropropane)

Concen: 60.135 ng

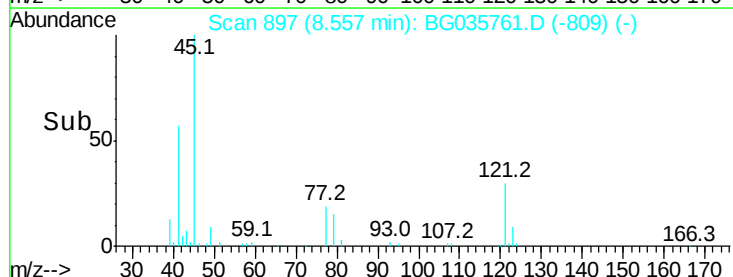
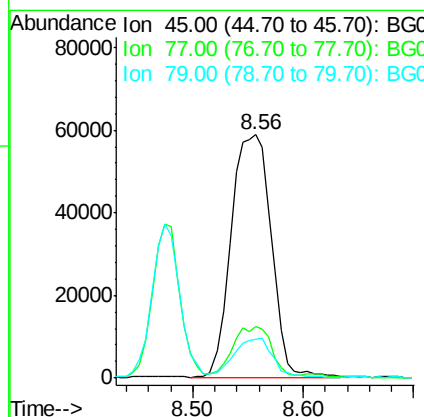
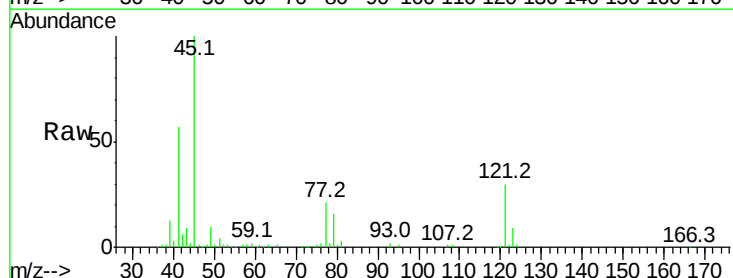
RT: 8.56 min Scan# 897

Delta R.T. -0.01 min

Lab File: BG035761.D

Acq: 19 Jul 2018 22:44

Tgt Ion:	45	Resp:	148614
Ion Ratio	Lower	Upper	
45	100		
77	21.0	0.0	30.2
79	16.2	0.0	27.9





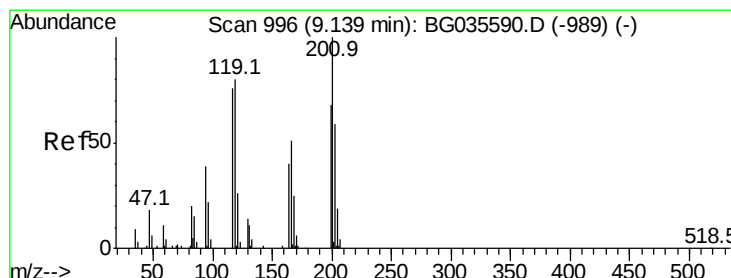
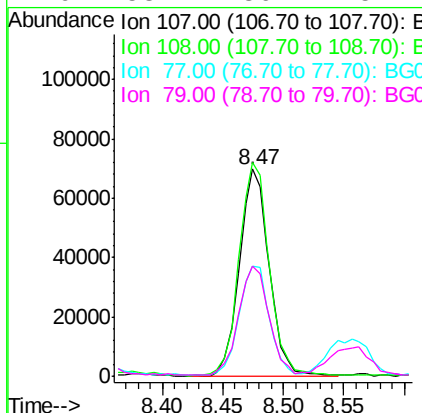
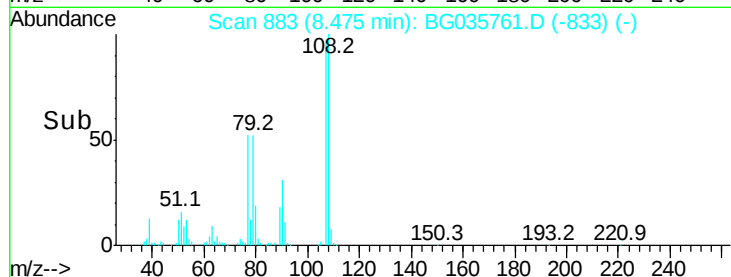
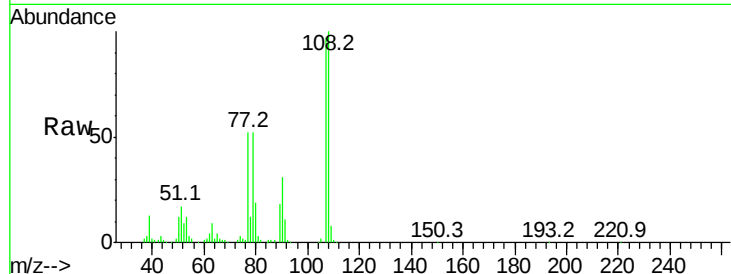
#17
2-Methylphenol
Concen: 46.863 ng
RT: 8.47 min Scan# 883
Delta R.T. -0.01 min
Lab File: BG035761.D
Acq: 19 Jul 2018 22:44

Instrument :
BNA_G
ClientSampleId :
SB1-12-0MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	103.3	83.9	125.9	
77	53.5	37.2	55.8	
79	53.4	36.2	54.2	

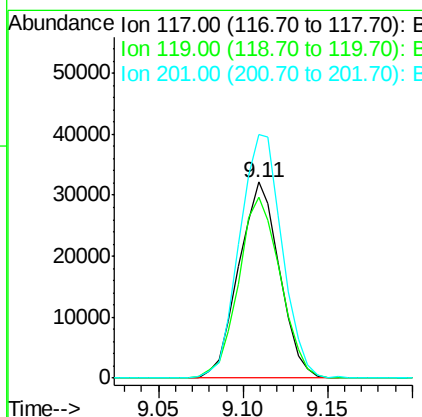
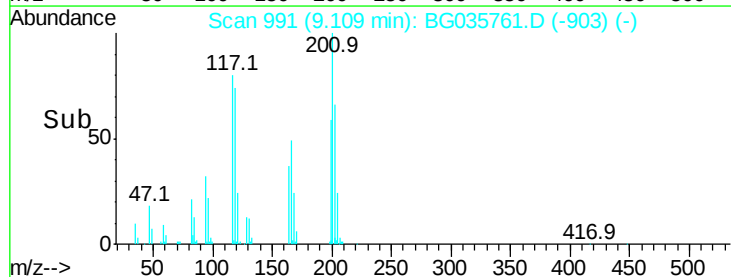
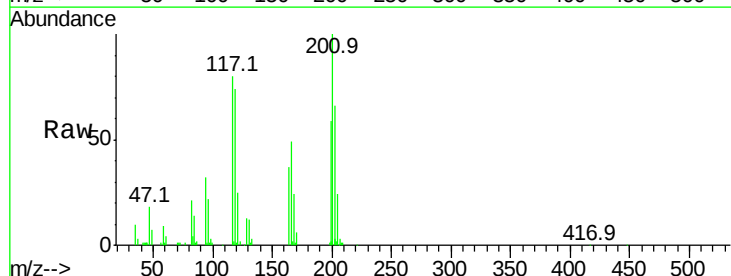
Manual Integrations
APPROVED

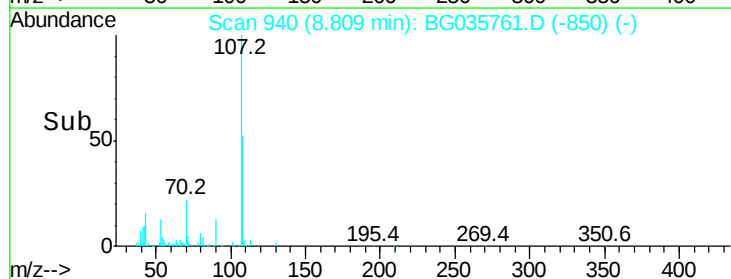
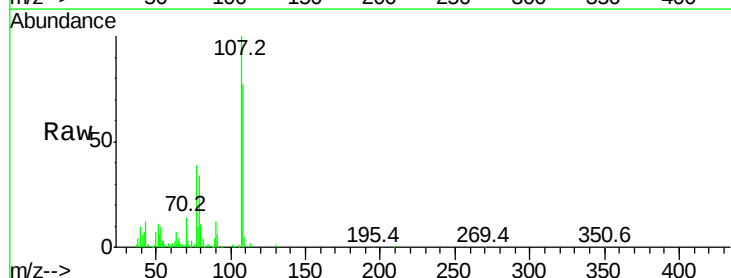
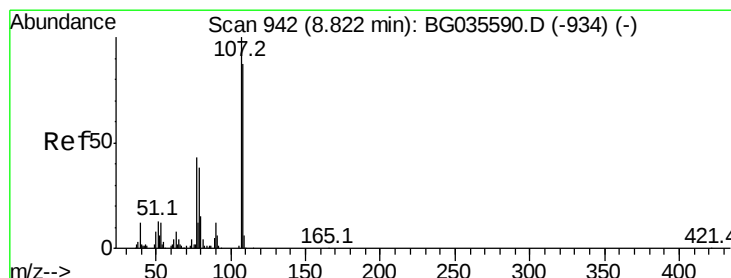
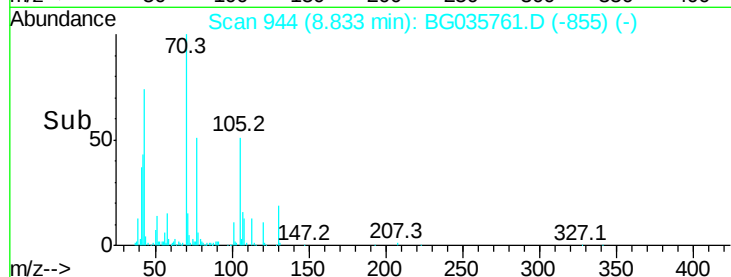
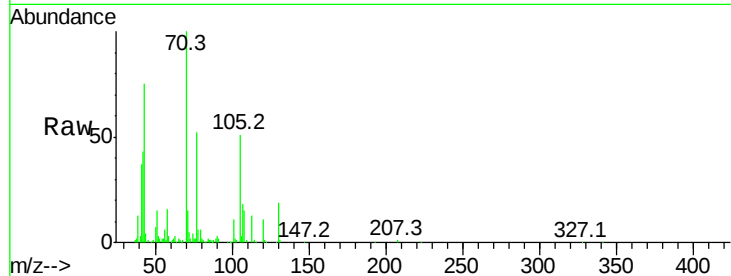
Sohil
7/20/2018 11:18:32 AM



#18
Hexachloroethane
Concen: 45.225 ng
RT: 9.11 min Scan# 991
Delta R.T. -0.01 min
Lab File: BG035761.D
Acq: 19 Jul 2018 22:44

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	92.3	76.7	115.1	
201	124.4	95.7	143.5	





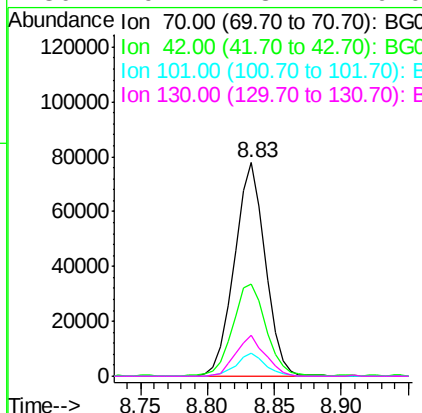
#19
n-Nitroso-di-n-propylamine
Concen: 39.835 ng
RT: 8.83 min Scan# 944
Delta R.T. -0.01 min
Lab File: BG035761.D
Acq: 19 Jul 2018 22:44

Instrument :
BNA_G
ClientSampleId :
SB1-12-0MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	43.5	49.1	73.7#	
101	10.6	8.5	12.7	
130	19.1	13.4	20.0	

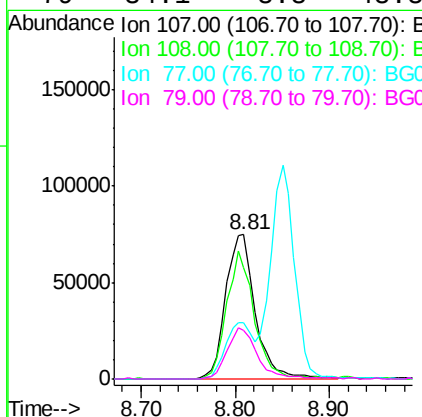
Manual Integrations
APPROVED

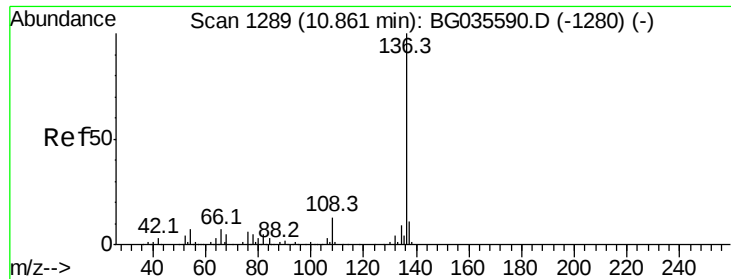
Sohil
7/20/2018 11:18:32 AM



#20
3+4-Methylphenols
Concen: 46.239 ng
RT: 8.81 min Scan# 940
Delta R.T. -0.00 min
Lab File: BG035761.D
Acq: 19 Jul 2018 22:44

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	77.2	61.6	101.6	
77	38.8	13.9	53.9	
79	34.1	8.8	48.8	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BG035761.D

Acq: 19 Jul 2018 22:44

Instrument :

BNA_G

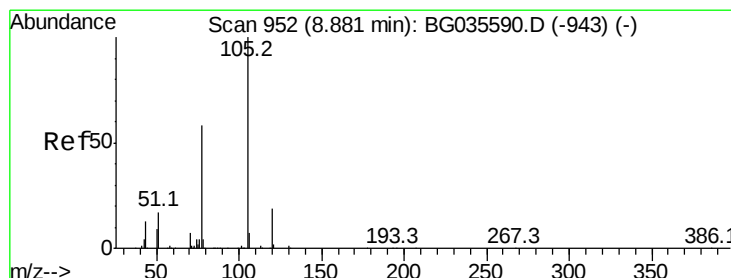
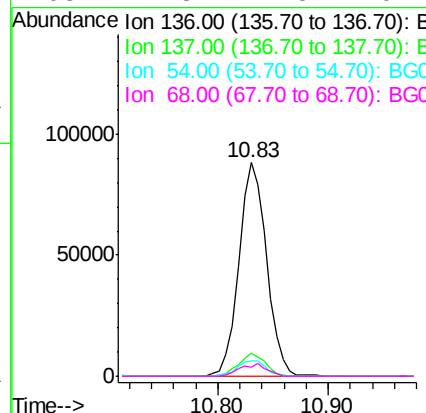
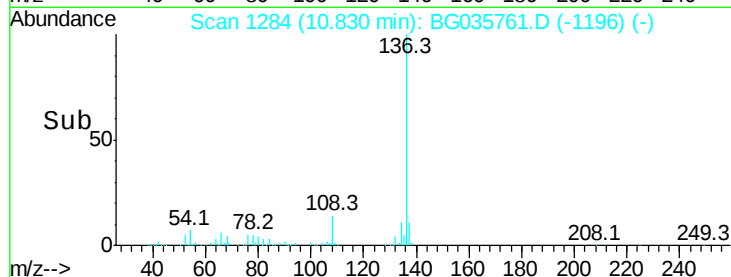
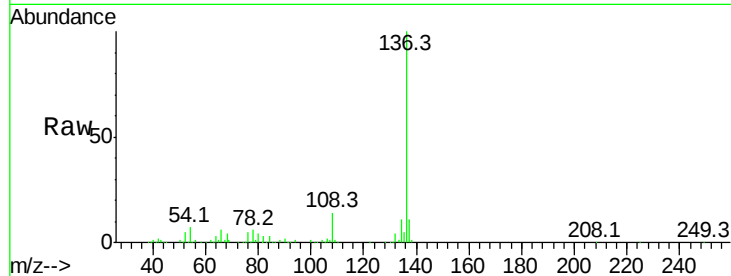
ClientSampled :

SB1-12-0MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.6	9.2	13.8	
54	7.0	10.3	15.5#	
68	4.3	4.5	6.7#	

Manual Integrations
APPROVED

Sohil
7/20/2018 11:18:32 AM



#22

Acetophenone

Concen: 47.672 ng

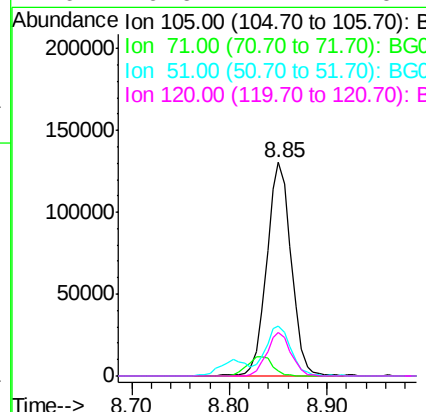
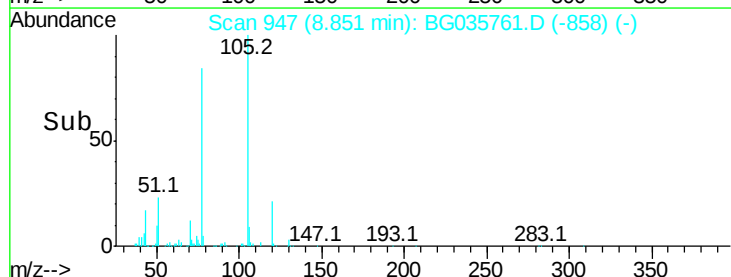
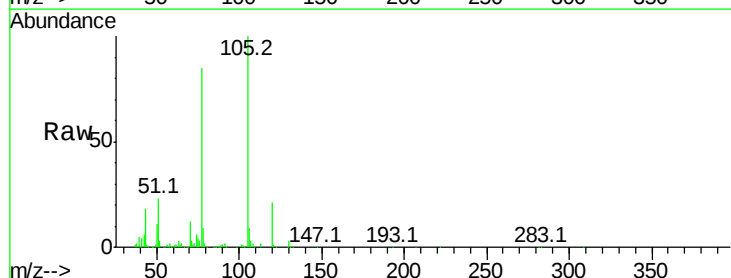
RT: 8.85 min Scan# 947

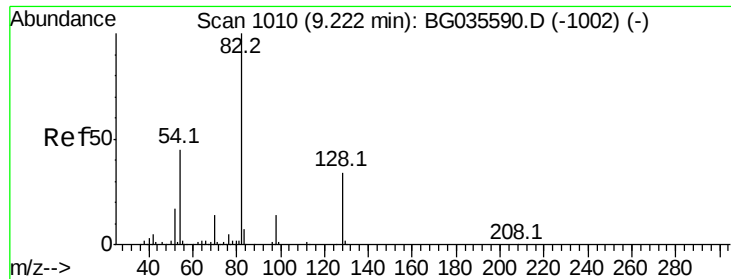
Delta R.T. -0.01 min

Lab File: BG035761.D

Acq: 19 Jul 2018 22:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	2.6	3.0	4.4#	
51	23.4	26.1	39.1#	
120	20.6	17.4	26.2	





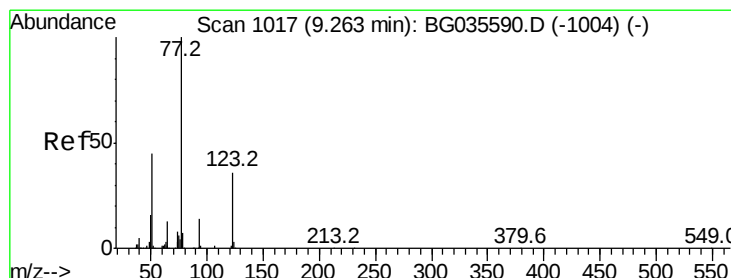
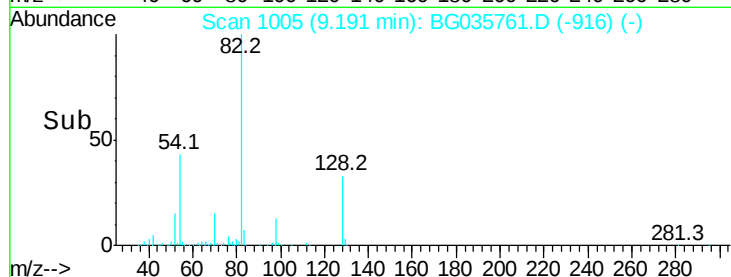
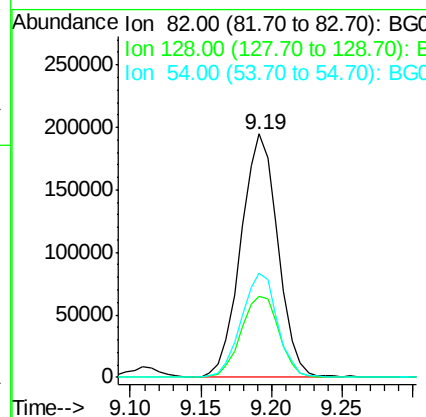
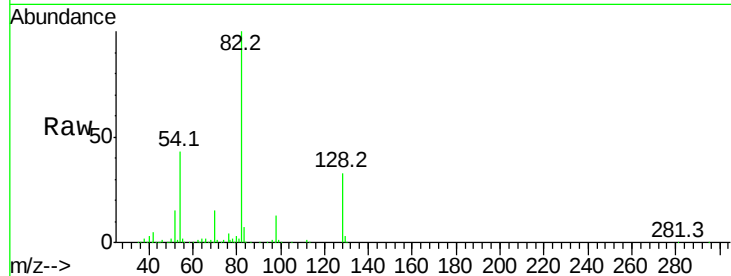
#23
Nitrobenzene-d5
Concen: 95.944 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BG035761.D
Acq: 19 Jul 2018 22:44

Instrument :
BNA_G
ClientSampled :
SB1-12-0MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	33.3	29.7	44.5
54	43.0	43.1	64.7#

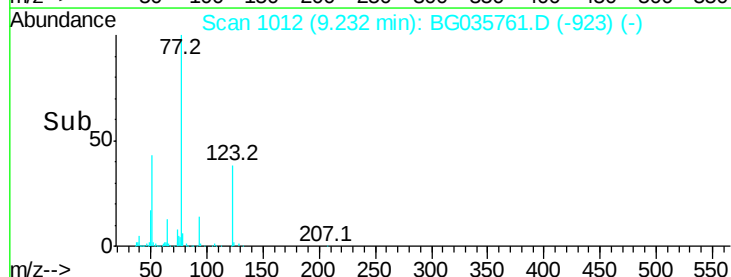
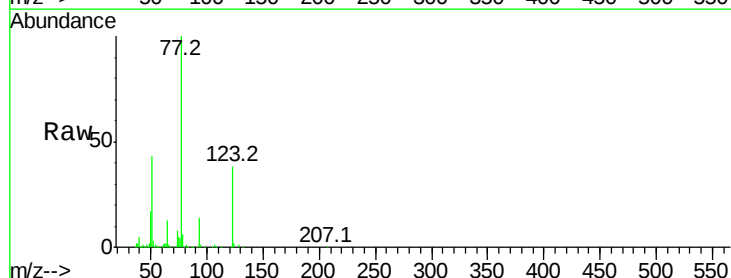
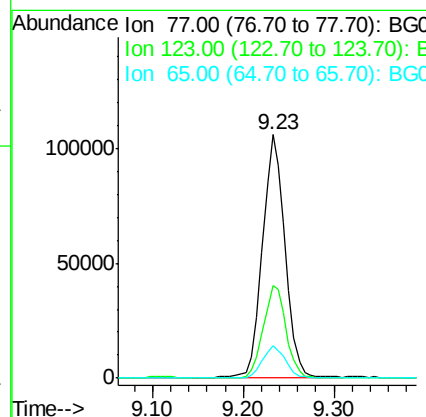
Manual Integrations
APPROVED

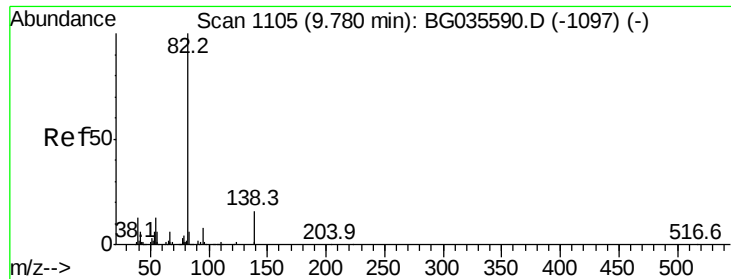
Sohil
7/20/2018 11:18:32 AM



#24
Nitrobenzene
Concen: 49.198 ng
RT: 9.23 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BG035761.D
Acq: 19 Jul 2018 22:44

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.1	33.0	49.6
65	13.4	13.0	19.6





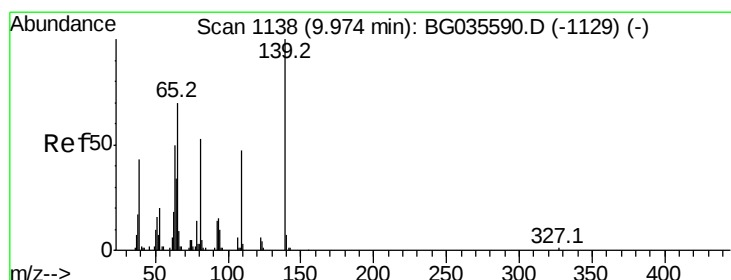
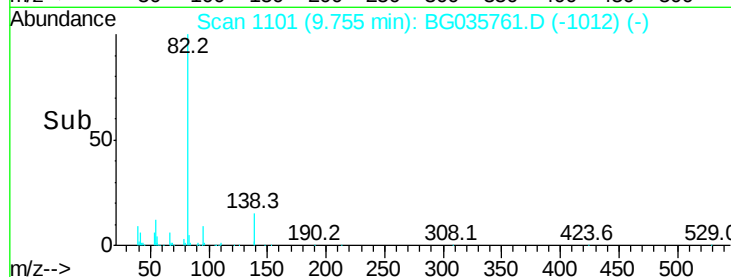
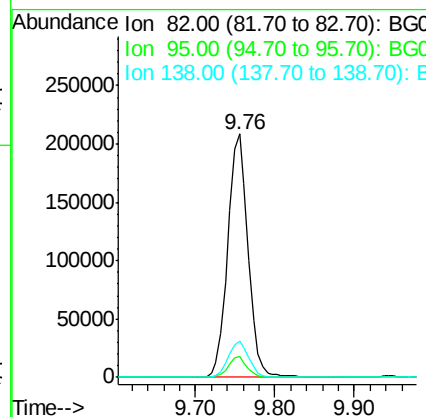
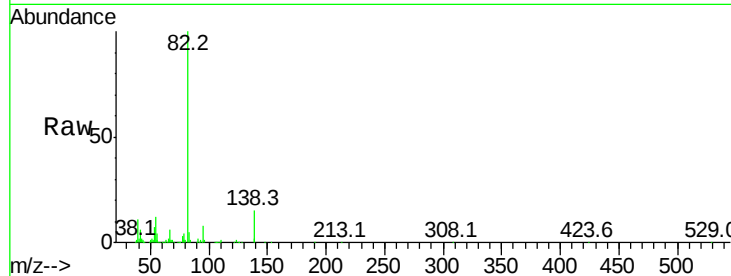
#25
Isophorone
Concen: 53.525 ng
RT: 9.76 min Scan# 1101
Delta R.T. -0.01 min
Lab File: BG035761.D
Acq: 19 Jul 2018 22:44

Instrument :
BNA_G
ClientSampleId :
SB1-12-0MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	8.5	6.2	9.2	
138	14.9	12.1	18.1	

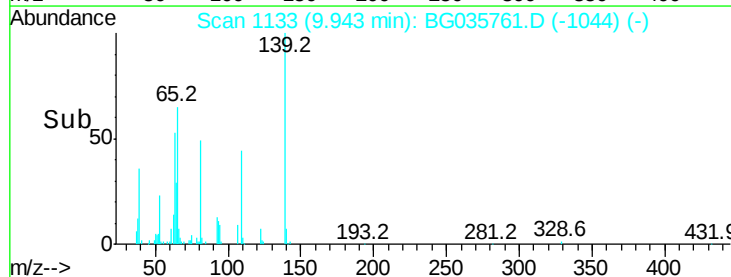
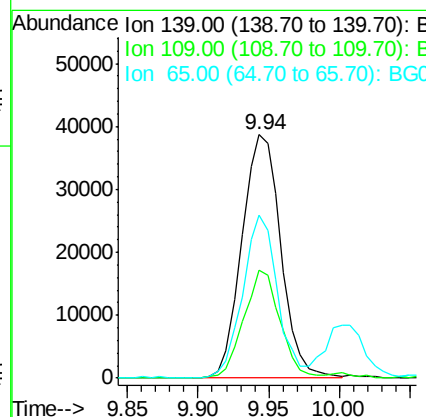
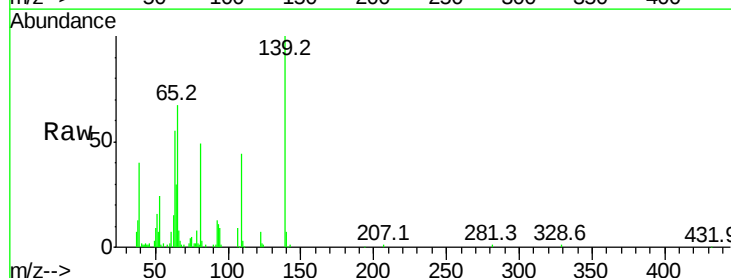
Manual Integrations
APPROVED

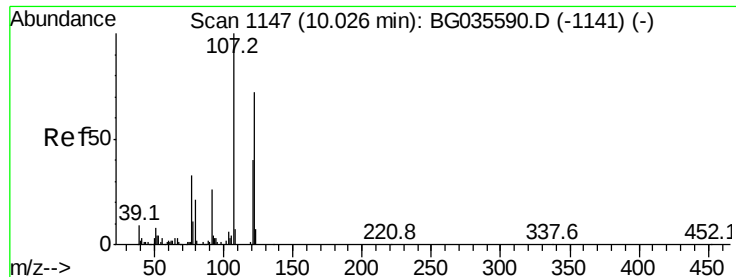
Sohil
7/20/2018 11:18:32 AM



#26
2-Nitrophenol
Concen: 56.445 ng
RT: 9.94 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BG035761.D
Acq: 19 Jul 2018 22:44

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	44.3	24.2	36.2	#
65	66.9	47.4	71.0	





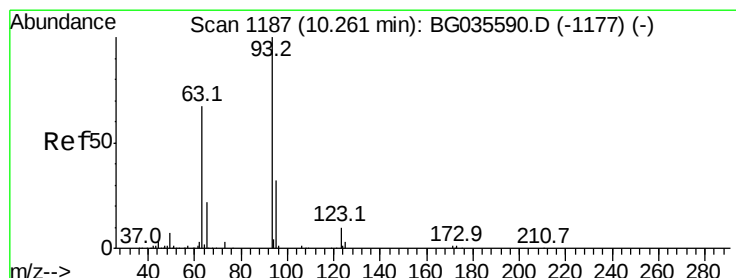
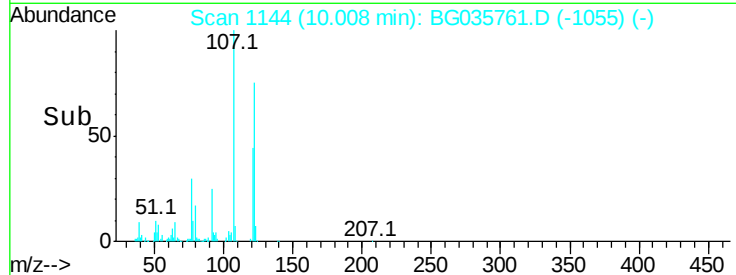
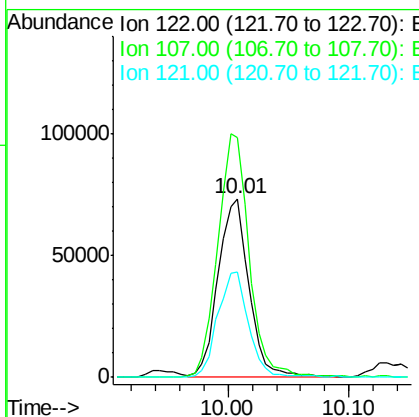
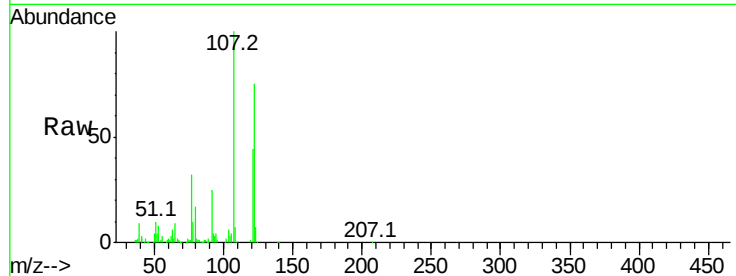
#27
2,4-Dimethylphenol
Concen: 57.287 ng
RT: 10.01 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BG035761.D
Acq: 19 Jul 2018 22:44

Instrument :
BNA_G
ClientSampleId :
SB1-12-0MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	134.1	100.2	150.2
121	59.0	44.4	66.6

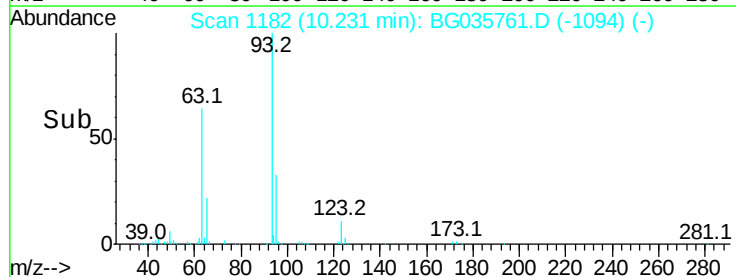
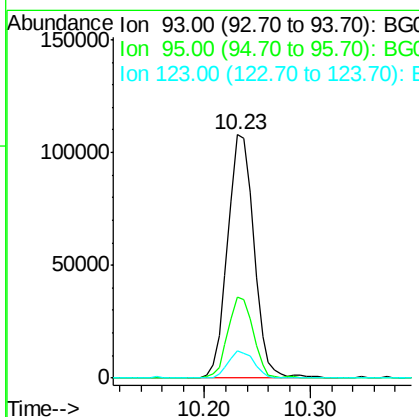
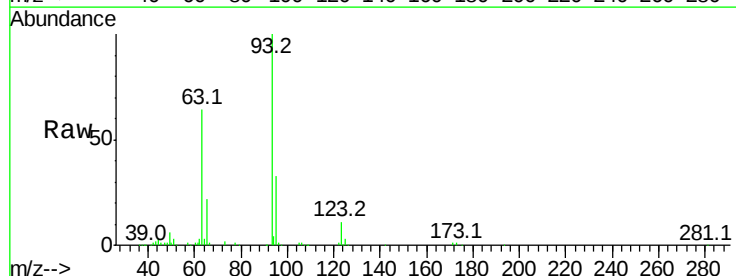
Manual Integrations
APPROVED

Sohil
7/20/2018 11:18:32 AM



#28
bis(2-Chloroethoxy)methane
Concen: 49.248 ng
RT: 10.23 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BG035761.D
Acq: 19 Jul 2018 22:44

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	24.3	36.5
123	11.4	8.4	12.6





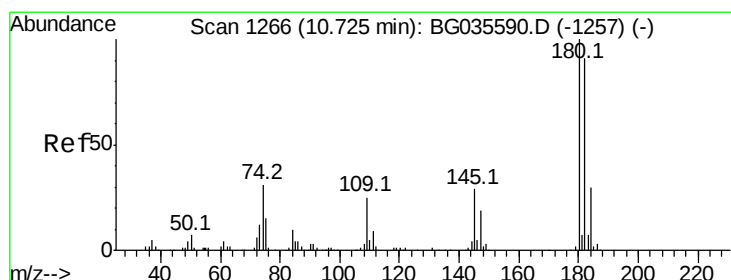
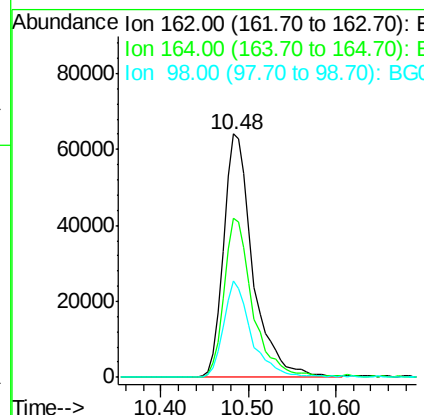
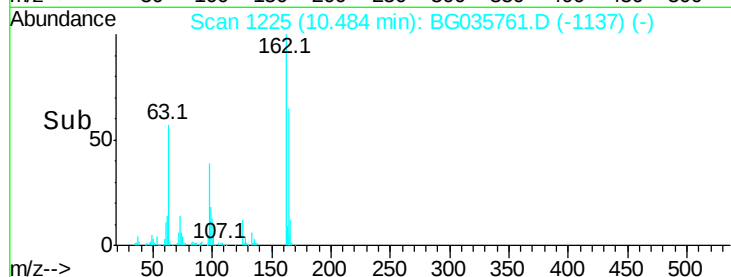
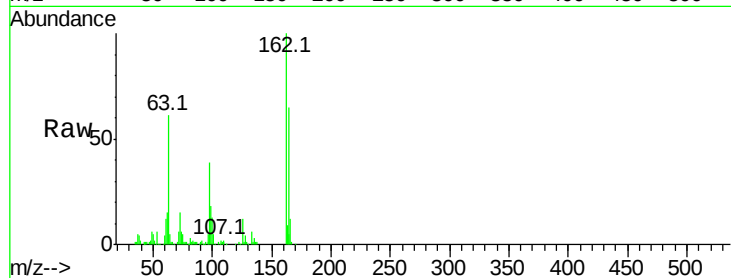
#29
2,4-Dichlorophenol
Concen: 57.691 ng
RT: 10.48 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BG035761.D
Acq: 19 Jul 2018 22:44

Instrument :
BNA_G
ClientSampleId :
SB1-12-0MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.4	48.0	88.0
98	39.3	21.1	61.1

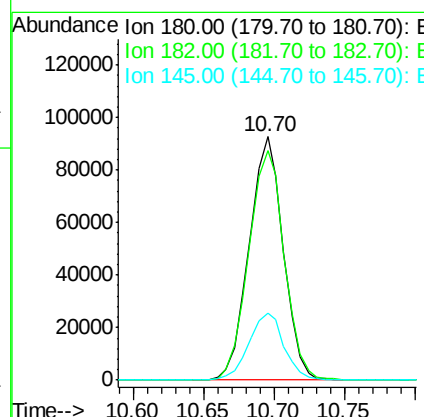
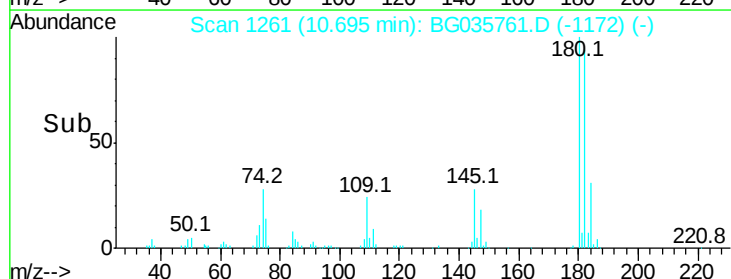
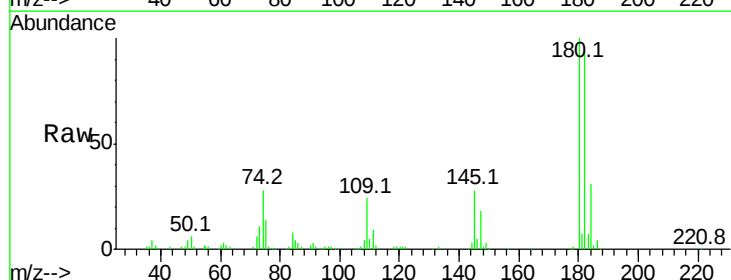
Manual Integrations
APPROVED

Sohil
7/20/2018 11:18:32 AM



#30
1,2,4-Trichlorobenzene
Concen: 50.050 ng
RT: 10.70 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BG035761.D
Acq: 19 Jul 2018 22:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	77.5	116.3
145	27.7	23.4	35.2





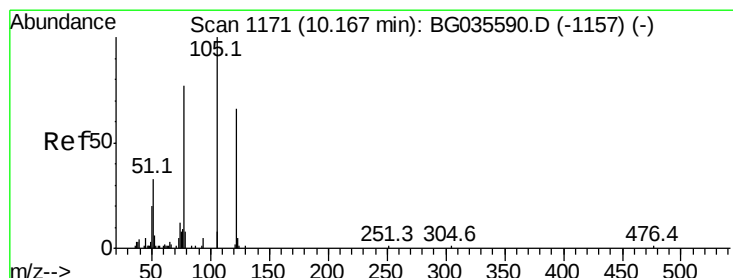
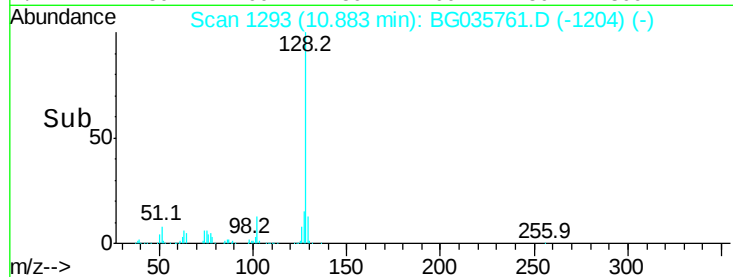
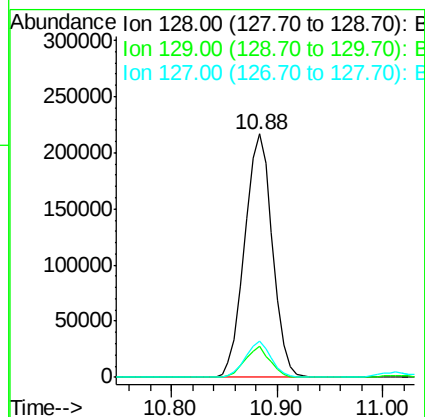
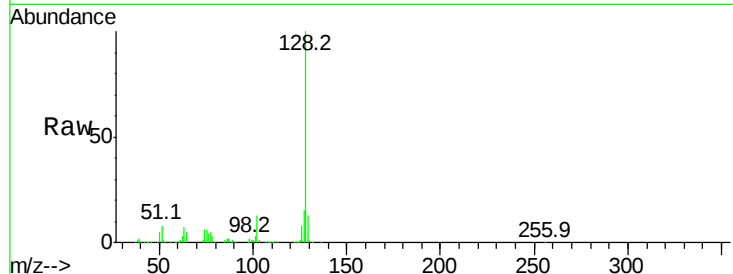
#31
Naphthalene
Concen: 48.912 ng
RT: 10.88 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BG035761.D
Acq: 19 Jul 2018 22:44

Instrument :
BNA_G
ClientSampleId :
SB1-12-0MSD

Tot Ion:	128	Resp:	394417
Ion Ratio	Lower	Upper	
128	100		
129	12.5	8.6	12.8
127	14.9	11.6	17.4

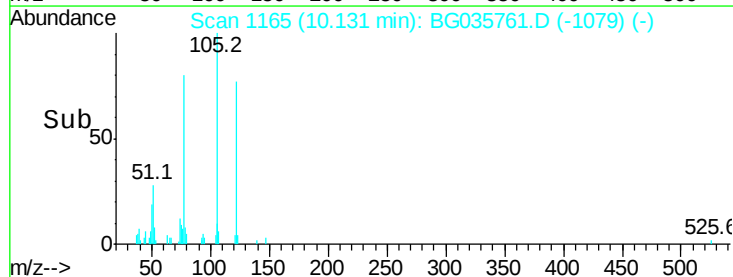
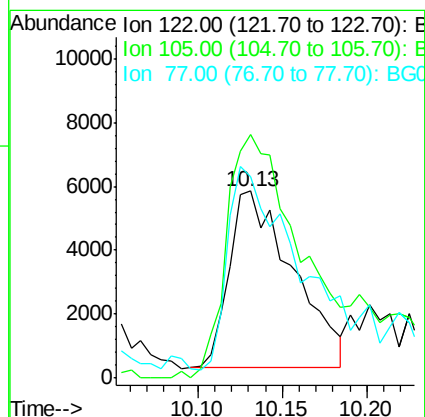
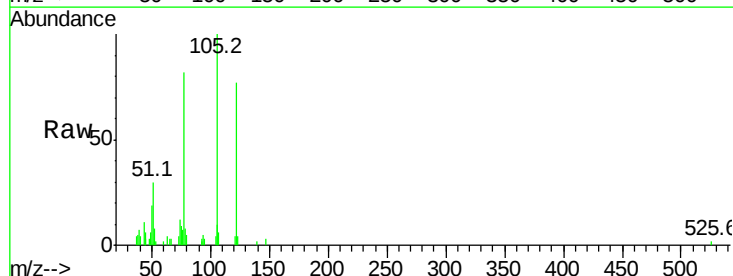
Manual Integrations
APPROVED

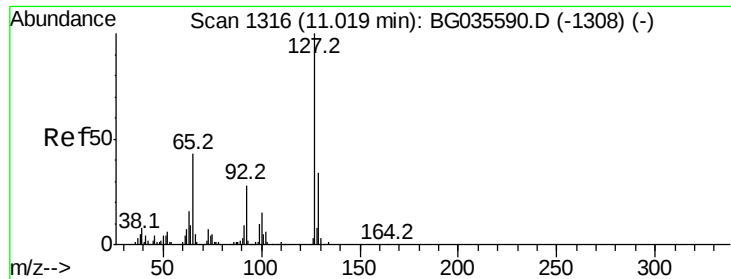
Sohil
7/20/2018 11:18:32 AM



#32
Benzoic acid
Concen: 9.612 ng
RT: 10.13 min Scan# 1165
Delta R.T. -0.02 min
Lab File: BG035761.D
Acq: 19 Jul 2018 22:44

Tgt Ion:	122	Resp:	14497
Ion Ratio	Lower	Upper	
122	100		
105	130.2	123.5	163.5
77	107.3	85.7	125.7





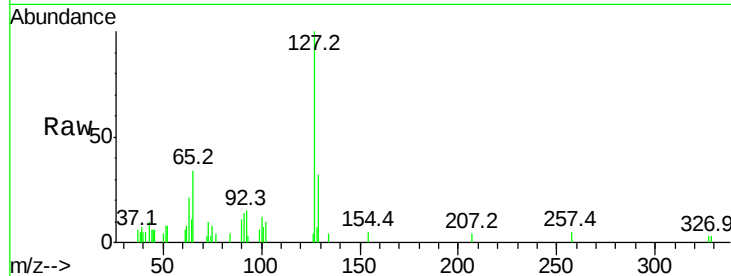
#33
4-Chloroaniline
Concen: 3.308 ng
RT: 11.01 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BG035761.D
Acq: 19 Jul 2018 22:44

Instrument :
BNA_G
ClientSampleId :
SB1-12-0MSD

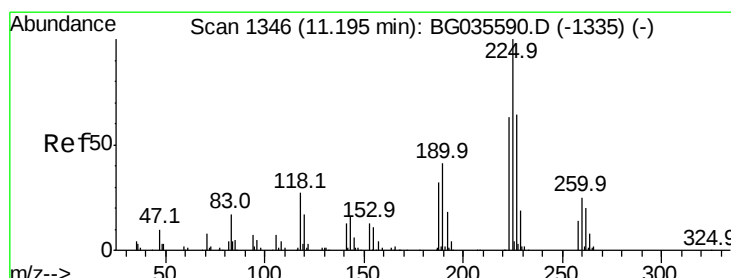
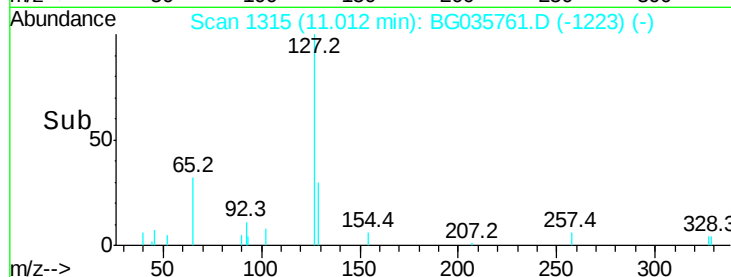
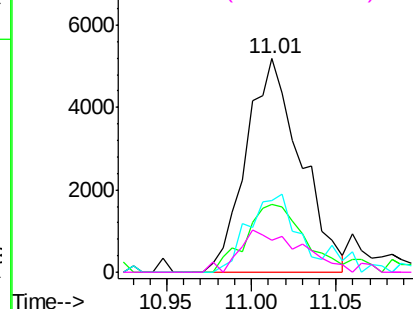
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.6	24.0	36.0	
65	33.5	27.0	40.4	
92	14.9	16.6	25.0	

Manual Integrations
APPROVED

Sohil
7/20/2018 11:18:32 AM

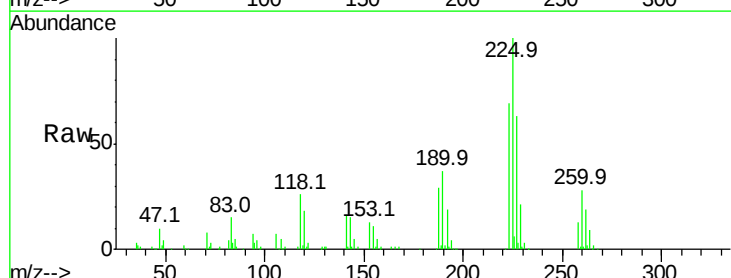


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

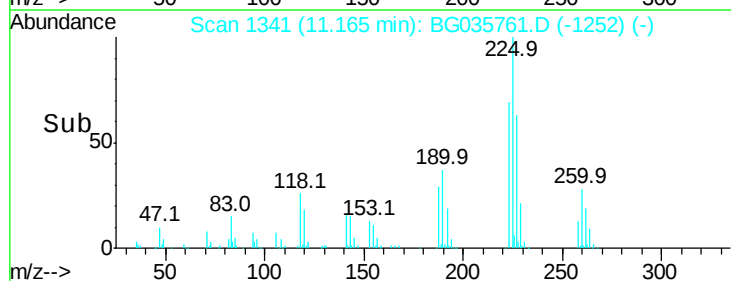
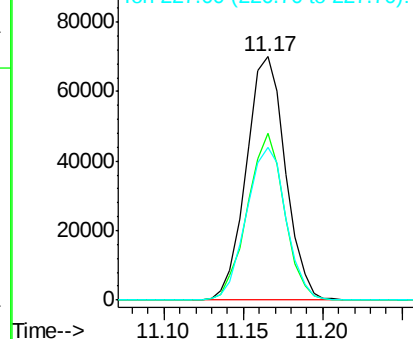


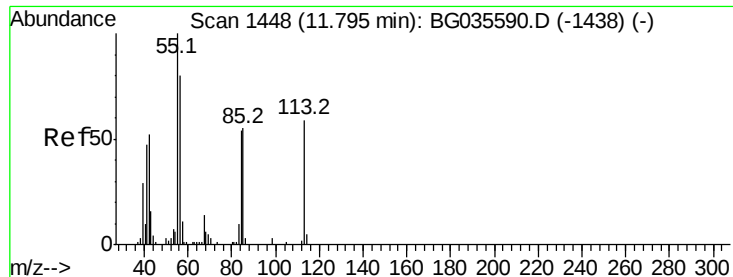
#34
Hexachlorobutadiene
Concen: 49.007 ng
RT: 11.17 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BG035761.D
Acq: 19 Jul 2018 22:44

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	68.5	49.7	74.5	
227	62.9	48.1	72.1	



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 36.323 ng/ml

RT: 11.83 min Scan# 1455

Delta R.T. 0.06 min

Lab File: BG035761.D

Acq: 19 Jul 2018 22:44

Instrument :

BNA_G

ClientSampleId :

SB1-12-0MSD

Tot Ion:113 Resp: 39864

Ion Ratio Lower Upper

113 100

55 127.3 186.9 226.9#

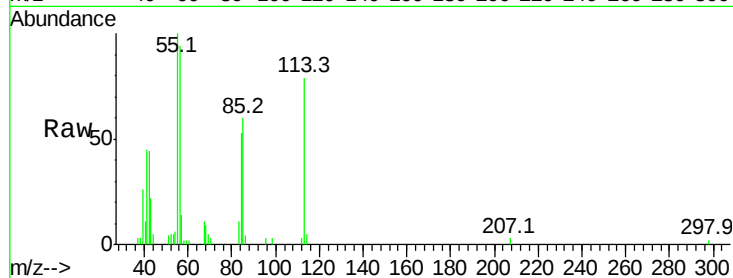
56 120.1 130.9 170.9#

Manual Integrations

APPROVED

Sohil

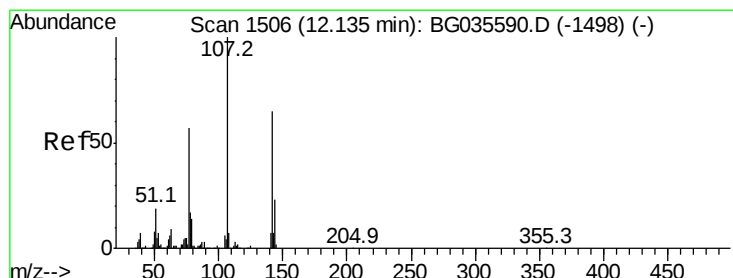
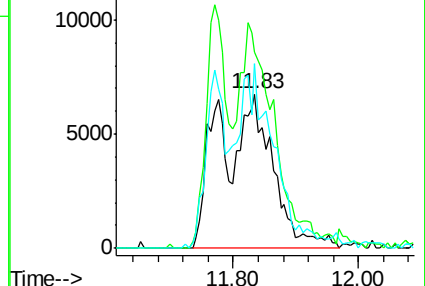
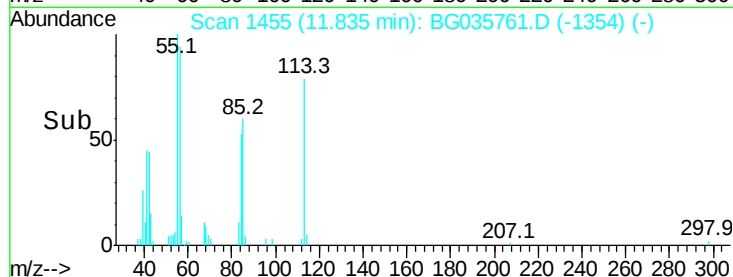
7/20/2018 11:18:32 AM



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: 55.005 ng/ml

RT: 12.12 min Scan# 1503

Delta R.T. -0.01 min

Lab File: BG035761.D

Acq: 19 Jul 2018 22:44

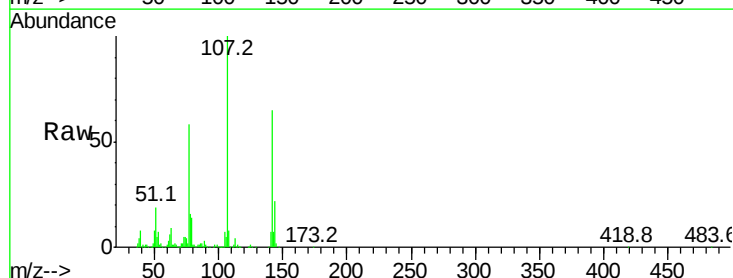
Tgt Ion:107 Resp: 188558

Ion Ratio Lower Upper

107 100

144 21.6 18.2 27.4

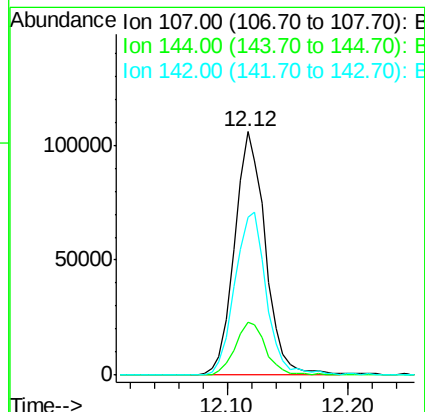
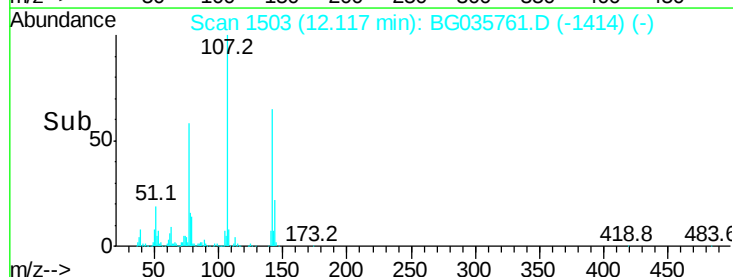
142 64.7 59.0 88.4

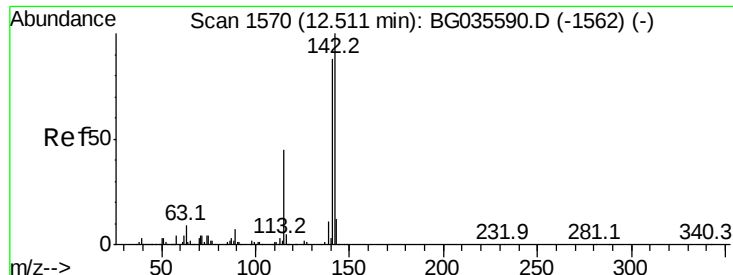


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





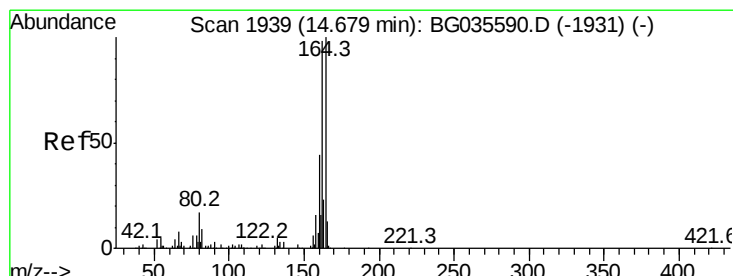
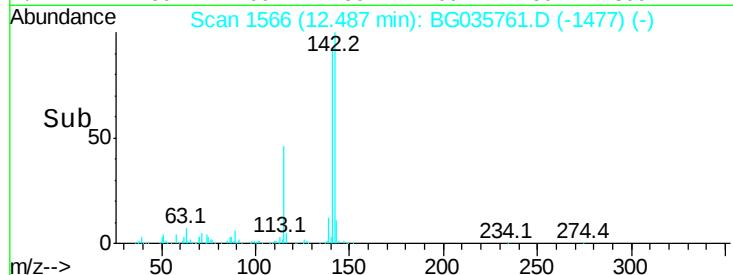
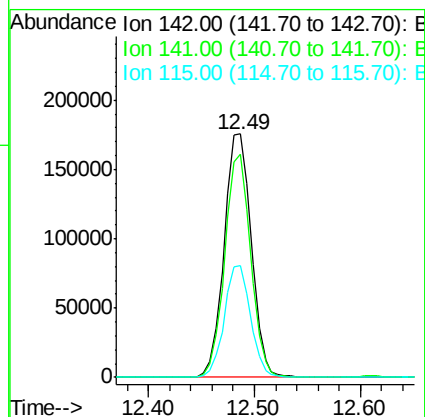
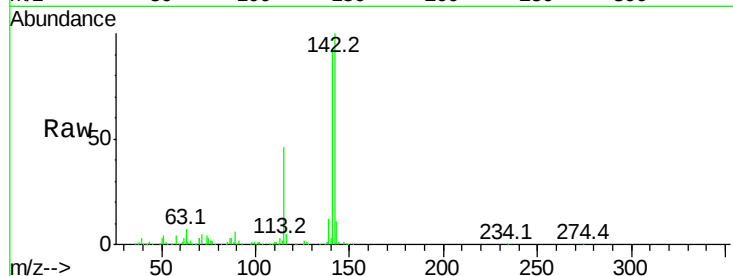
#37
2-Methylnaphthalene
Concen: 52.242 ng
RT: 12.49 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BG035761.D
Acq: 19 Jul 2018 22:44

Instrument :
BNA_G
ClientSampleId :
SB1-12-0MSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100			
141	91.9	67.1	100.7	
115	46.1	30.7	46.1	

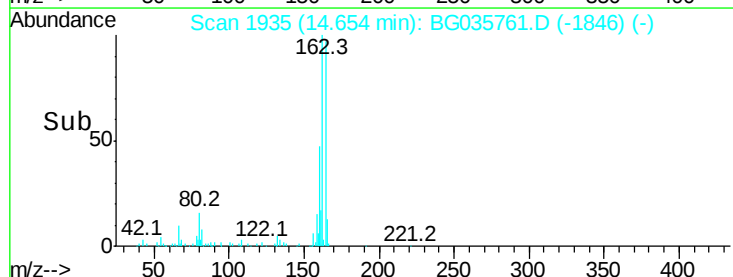
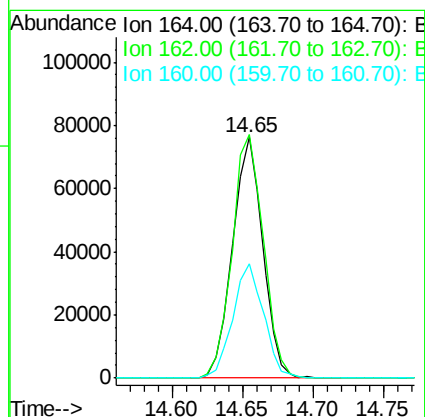
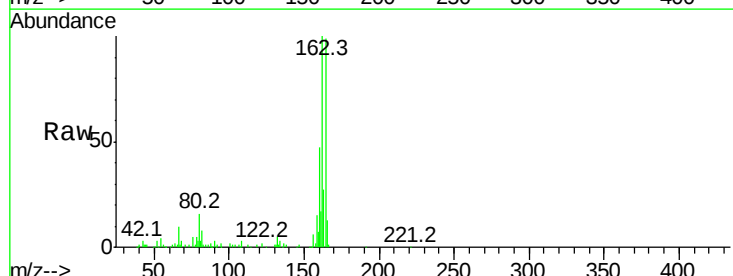
Manual Integrations
APPROVED

Sohil
7/20/2018 11:18:32 AM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1935
Delta R.T. -0.01 min
Lab File: BG035761.D
Acq: 19 Jul 2018 22:44

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.1	78.8	118.2	
160	47.7	35.4	53.0	





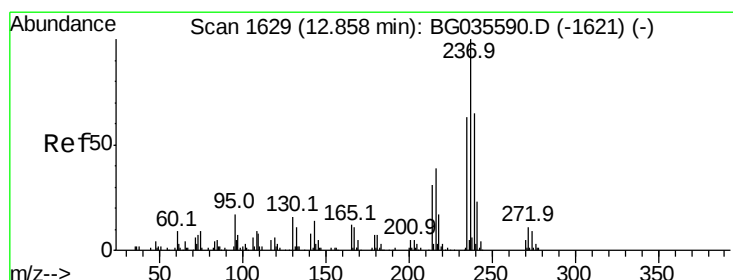
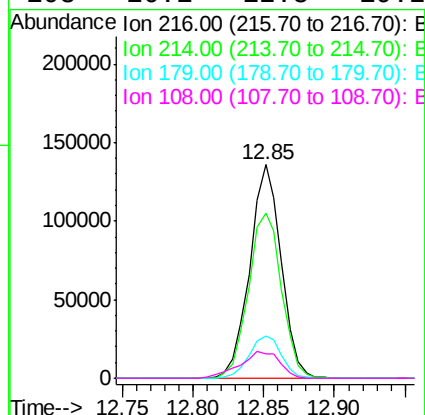
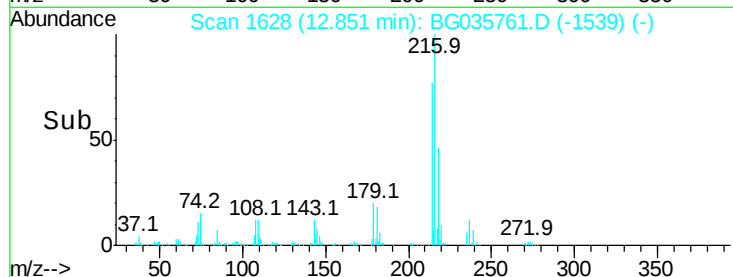
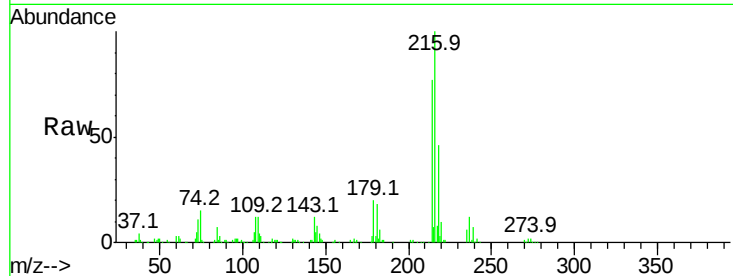
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 49.508 ng
 RT: 12.85 min Scan# 1628
 Delta R.T. -0.01 min
 Lab File: BG035761.D
 Acq: 19 Jul 2018 22:44

Instrument :
 BNA_G
 ClientSampleId :
 SB1-12-0MSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	212111		
214	81.6	63.0	94.4	
179	20.3	17.0	25.6	
108	16.1	12.8	19.2	

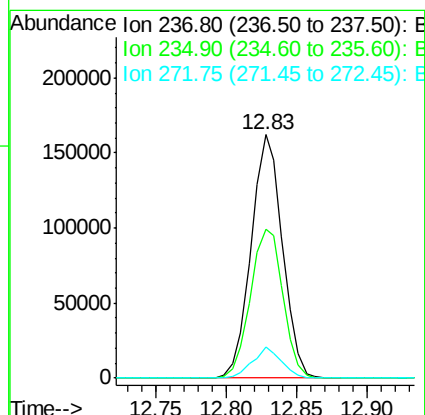
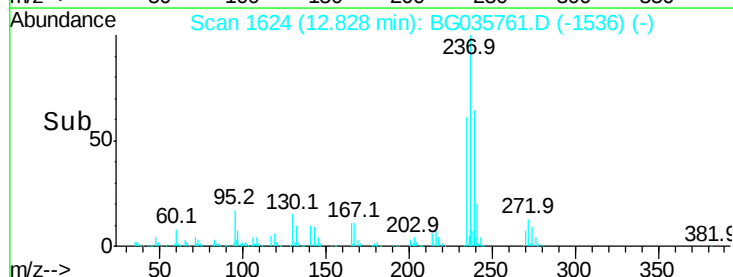
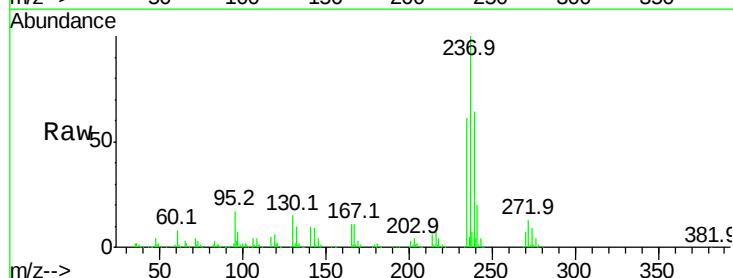
Manual Integrations
 APPROVED

Sohil
 7/20/2018 11:18:32 AM



#40
 Hexachlorocyclopentadiene
 Concen: 112.485 ng
 RT: 12.83 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BG035761.D
 Acq: 19 Jul 2018 22:44

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	252744		
235	61.4	50.4	90.4	
272	12.6	0.0	31.8	





#41

2,4,6-Tribromophenol

Concen: 174.445 ng

RT: 16.15 min Scan# 2189

Delta R.T. -0.01 min

Lab File: BG035761.D

Acq: 19 Jul 2018 22:44

Instrument :

BNA_G

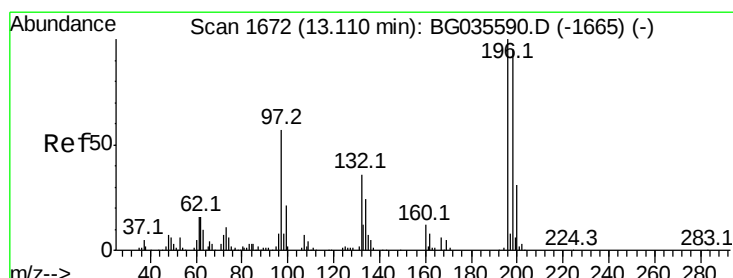
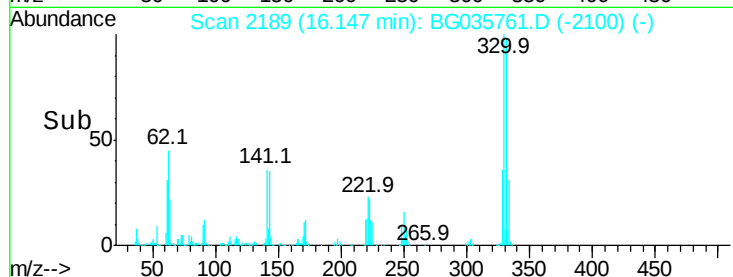
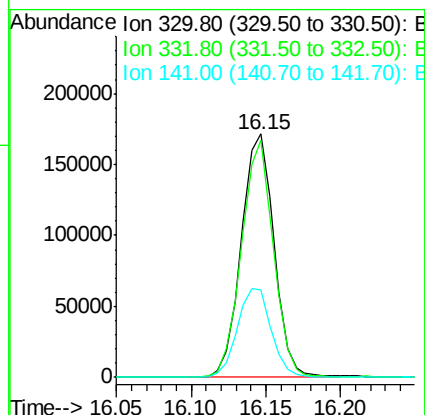
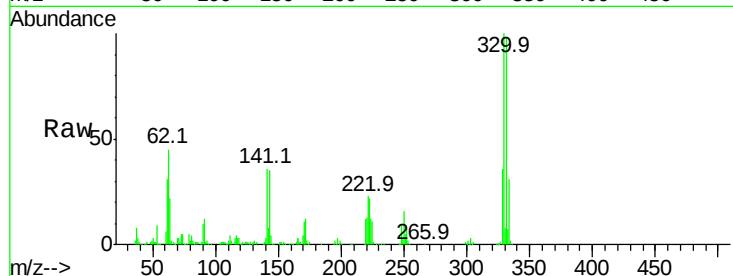
ClientSampleId :

SB1-12-0MSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	38.2	25.2	37.8#

Manual Integrations
APPROVED

Sohil
7/20/2018 11:18:32 AM



#42

2,4,6-Trichlorophenol

Concen: 57.646 ng

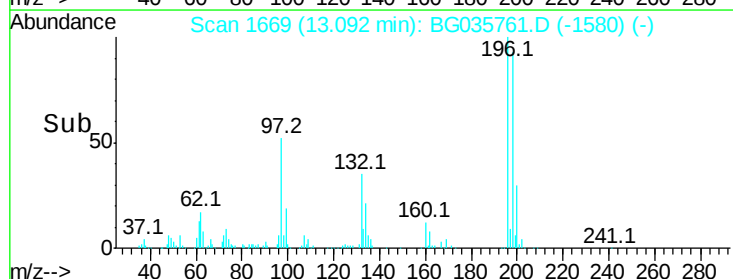
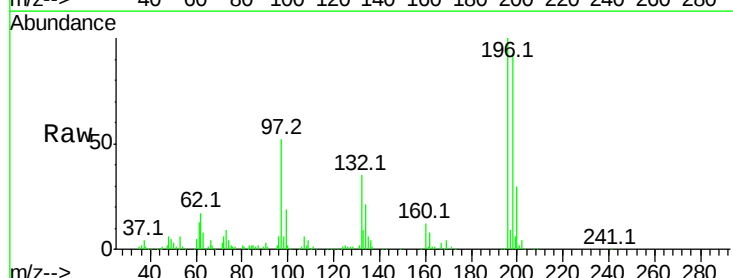
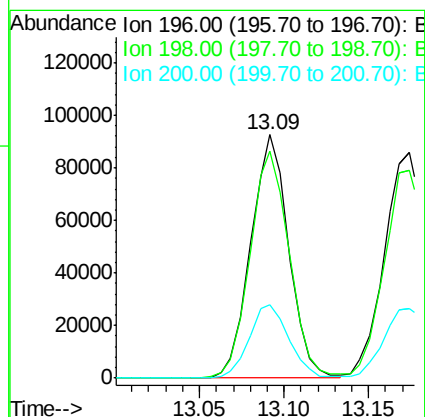
RT: 13.09 min Scan# 1669

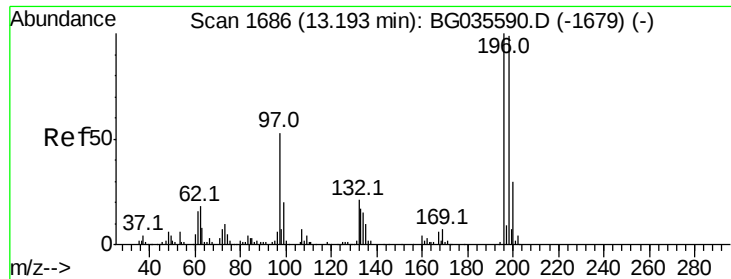
Delta R.T. -0.01 min

Lab File: BG035761.D

Acq: 19 Jul 2018 22:44

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.1	78.2	117.2
200	30.3	24.6	36.8





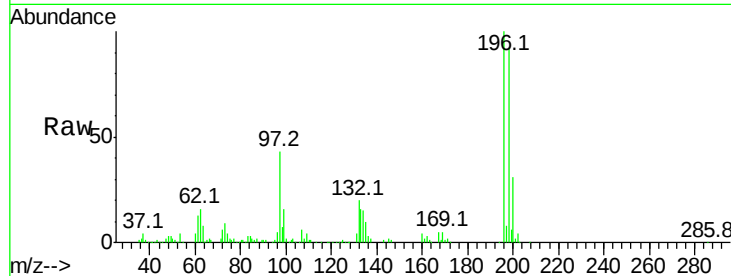
#43
2,4,5-Trichlorophenol
Concen: 58.111 ng
RT: 13.17 min Scan# 1683
Delta R.T. -0.01 min
Lab File: BG035761.D
Acq: 19 Jul 2018 22:44

Instrument :
BNA_G
ClientSampleId :
SB1-12-0MSD

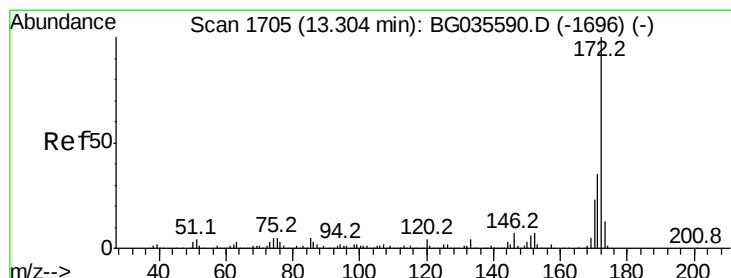
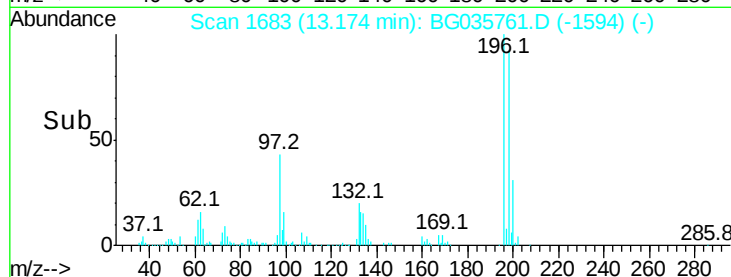
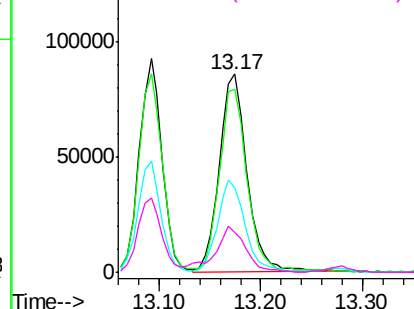
Tot Ion	Ratio	Resp	Lower	Upper
196	100	162879		
198	92.1	76.2	114.4	
97	42.6	38.7	58.1	
132	20.1	20.2	30.2	

Manual Integrations
APPROVED

Sohil
7/20/2018 11:18:32 AM



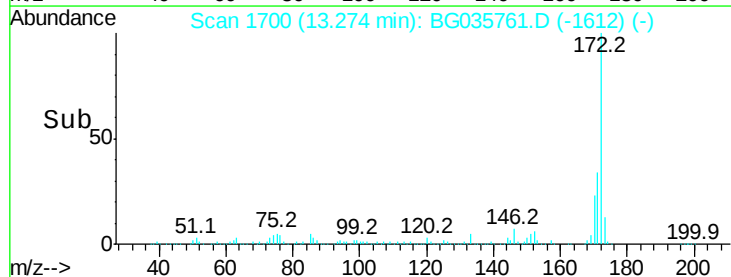
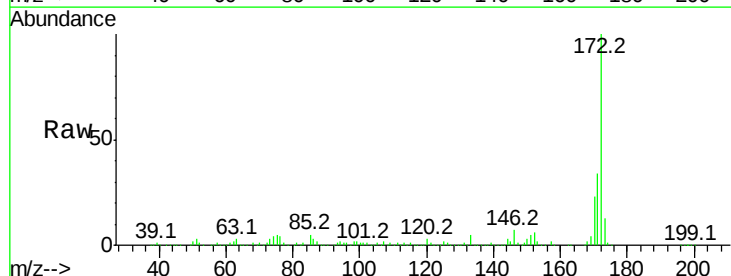
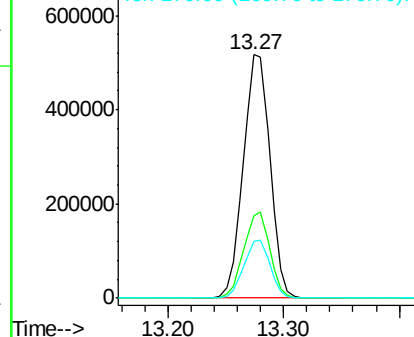
Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BGC
Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 97.771 ng
RT: 13.27 min Scan# 1700
Delta R.T. -0.01 min
Lab File: BG035761.D
Acq: 19 Jul 2018 22:44

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	828388		
171	33.9	30.0	45.0	
170	23.3	19.5	29.3	

Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





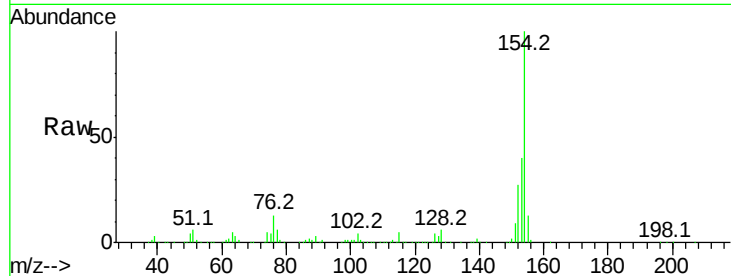
#45
 1,1'-Biphenyl
 Concen: 50.670 ng
 RT: 13.49 min Scan# 1736
 Delta R.T. -0.01 min
 Lab File: BG035761.D
 Acq: 19 Jul 2018 22:44

Instrument :
 BNA_G
 ClientSampleId :
 SB1-12-0MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	39.9	19.8	59.8
76	12.7	0.0	31.9

Manual Integrations
 APPROVED

Sohil
 7/20/2018 11:18:32 AM

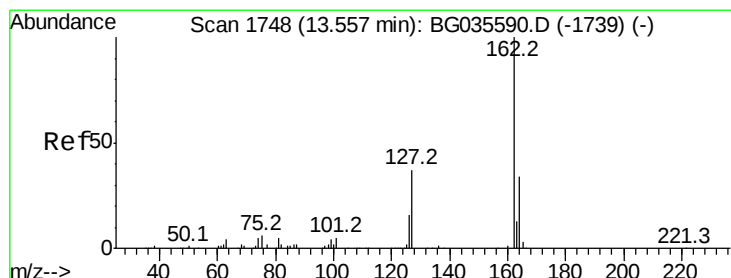
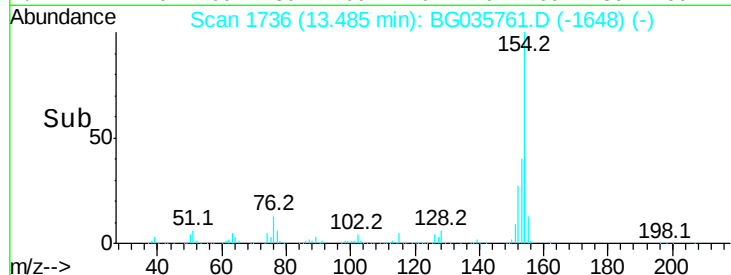
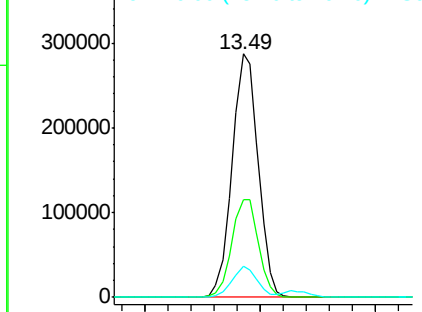


Abundance

Ion 154.00 (153.70 to 154.70): E

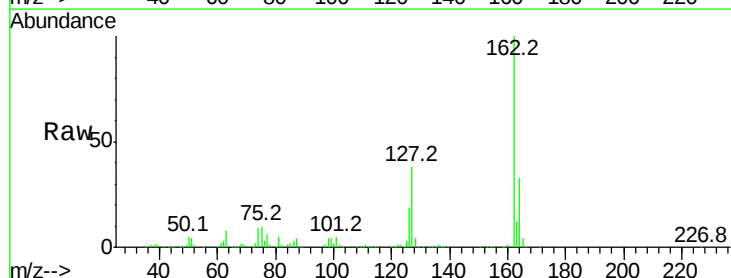
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): B



#46
 2-Chloronaphthalene
 Concen: 51.752 ng
 RT: 13.53 min Scan# 1744
 Delta R.T. -0.01 min
 Lab File: BG035761.D
 Acq: 19 Jul 2018 22:44

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.1	30.7	46.1
164	33.4	26.0	39.0

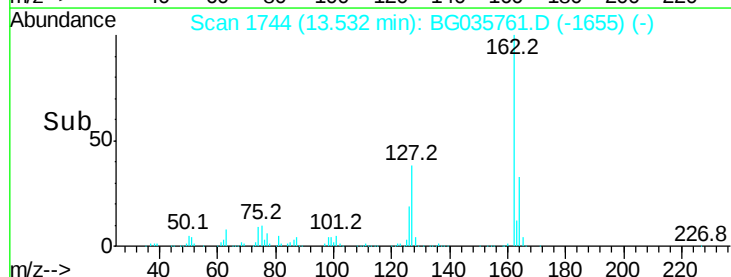
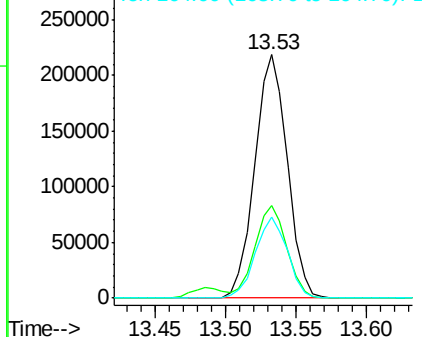


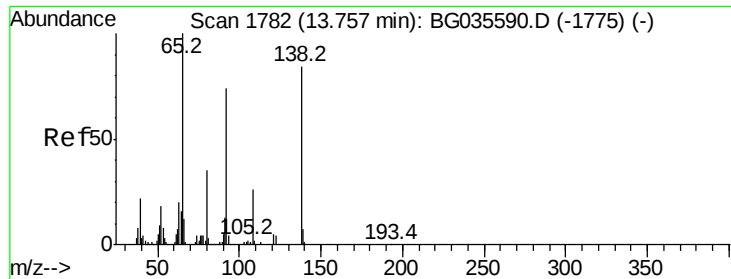
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 51.580 ng

RT: 13.74 min Scan# 1779

Delta R.T. -0.01 min

Lab File: BG035761.D

Acq: 19 Jul 2018 22:44

Instrument :

BNA_G

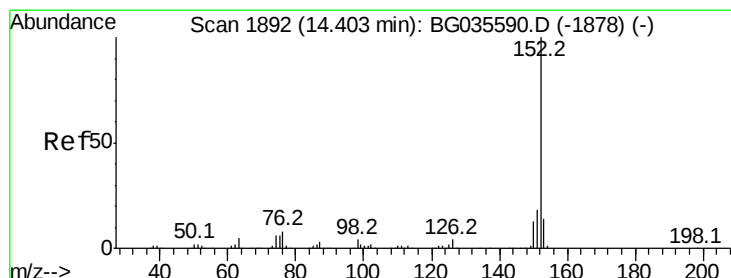
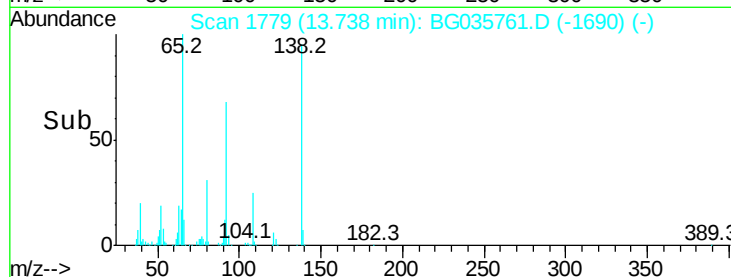
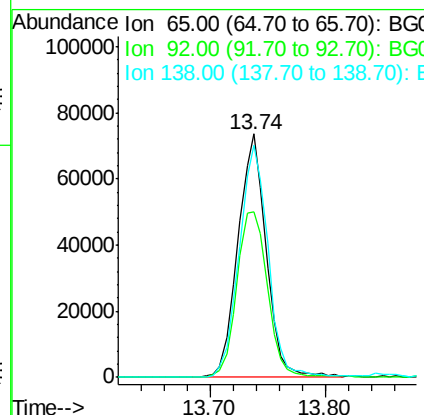
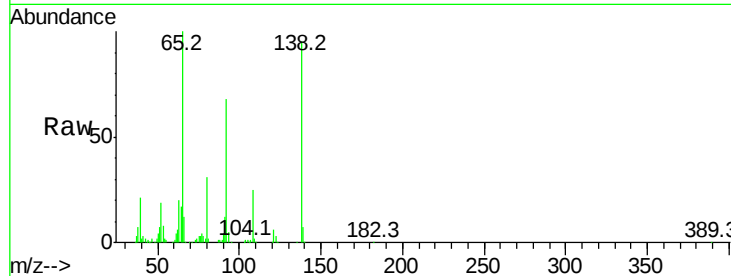
ClientSampleId :

SB1-12-0MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.7	54.6	82.0
138	95.2	72.9	109.3

Manual Integrations
APPROVED

Sohil
7/20/2018 11:18:32 AM



#48

Acenaphthylene

Concen: 51.414 ng

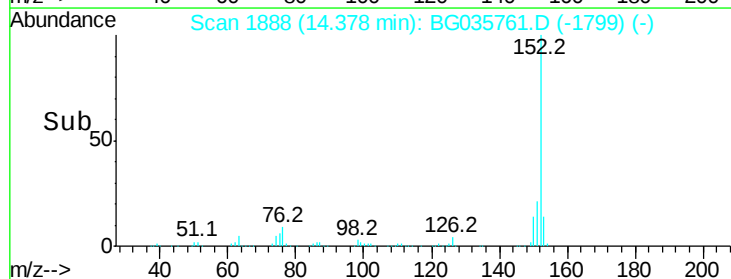
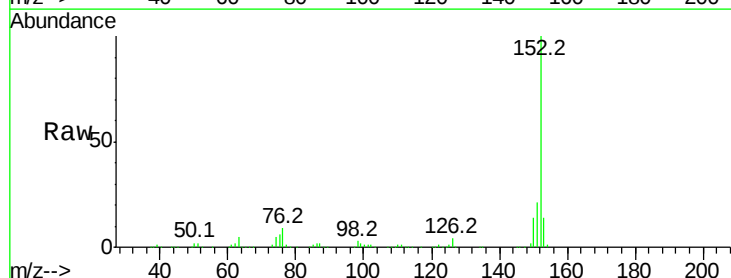
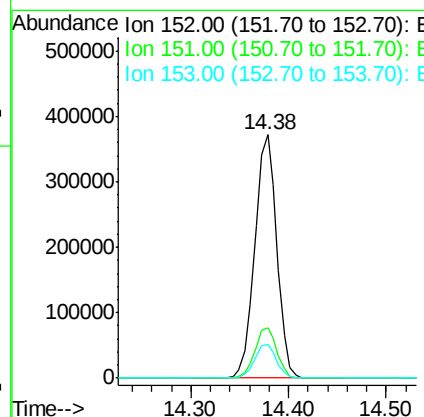
RT: 14.38 min Scan# 1888

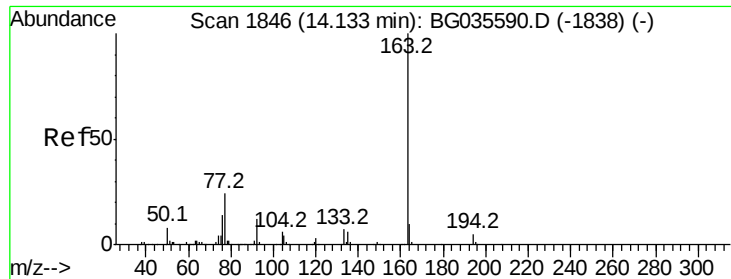
Delta R.T. -0.01 min

Lab File: BG035761.D

Acq: 19 Jul 2018 22:44

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	17.2	25.8
153	13.7	10.2	15.4





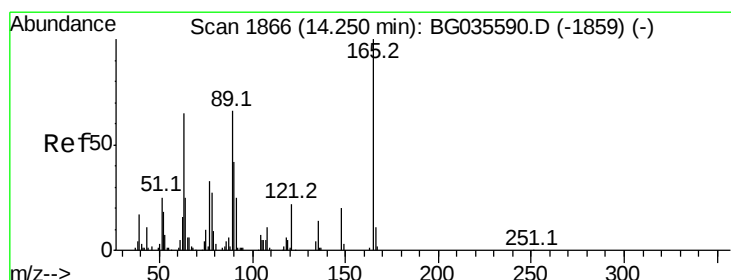
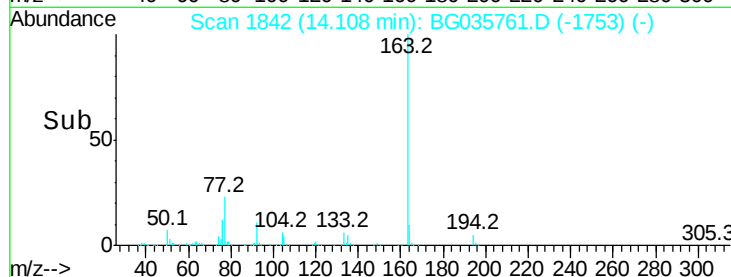
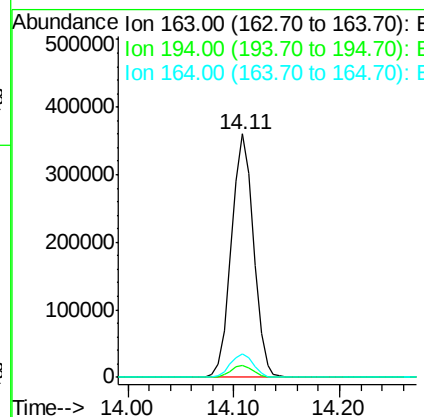
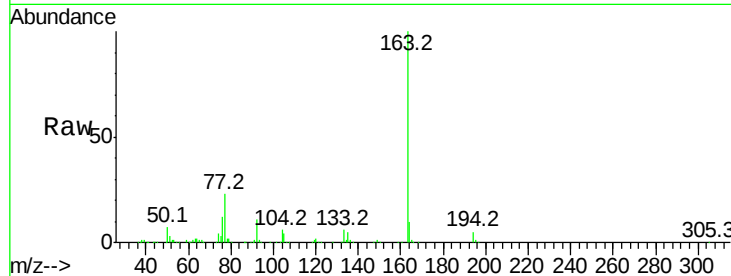
#49
Dimethylphthalate
Concen: 52.288 ng
RT: 14.11 min Scan# 1842
Delta R.T. -0.01 min
Lab File: BG035761.D
Acq: 19 Jul 2018 22:44

Instrument :
BNA_G
ClientSampleId :
SB1-12-0MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	520023		
194	5.1		3.4	5.2
164	9.7		8.2	12.4

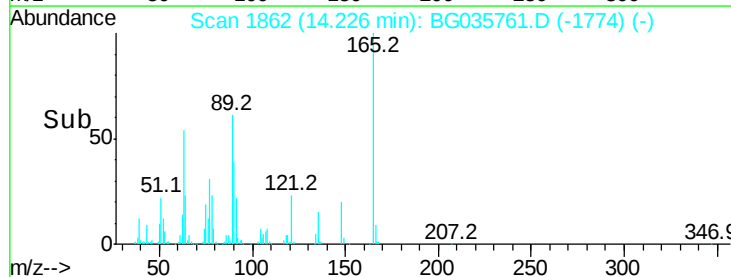
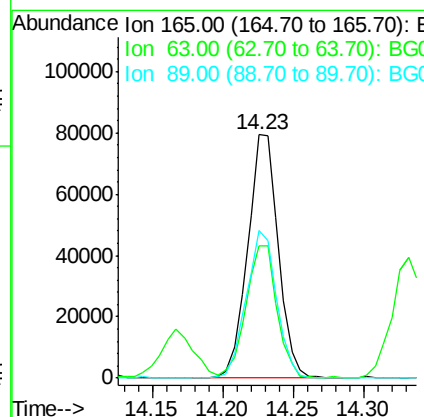
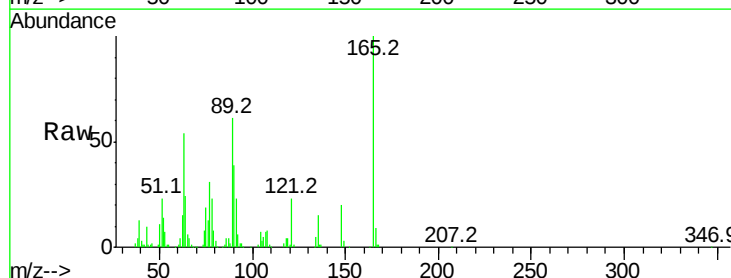
Manual Integrations
APPROVED

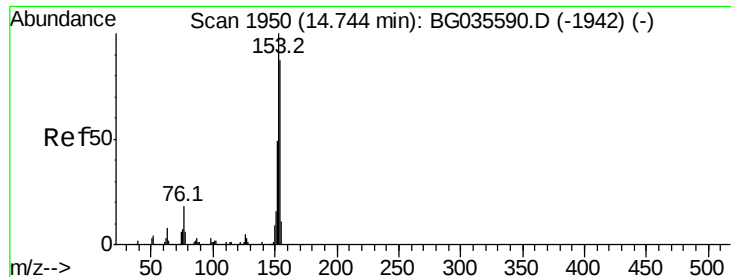
Sohil
7/20/2018 11:18:32 AM



#50
2,6-Dinitrotoluene
Concen: 59.567 ng
RT: 14.23 min Scan# 1862
Delta R.T. -0.01 min
Lab File: BG035761.D
Acq: 19 Jul 2018 22:44

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	120638		
63	54.1		52.7	79.1
89	60.8		49.2	73.8





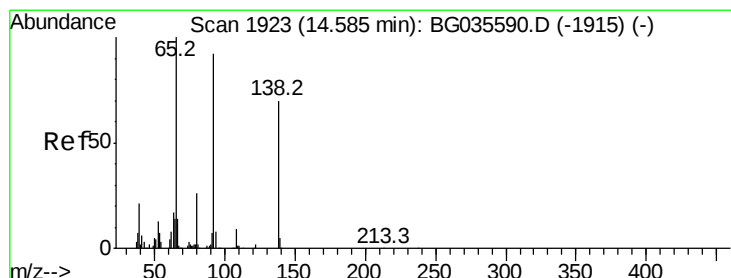
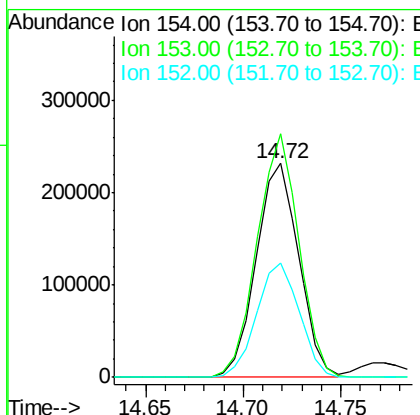
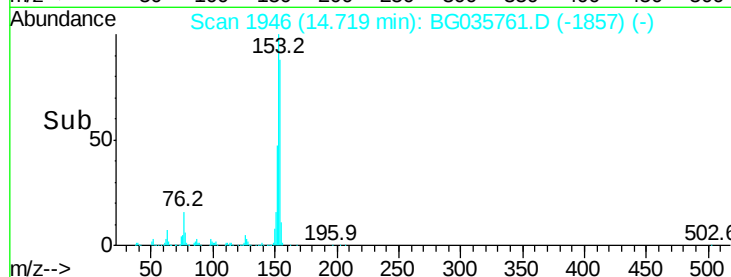
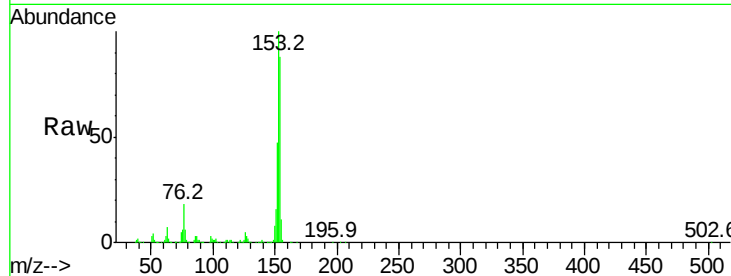
#51
Acenaphthene
Concen: 49.007 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BG035761.D
Acq: 19 Jul 2018 22:44

Instrument :
BNA_G
ClientSampleId :
SB1-12-0MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.9	90.4	135.6
152	53.8	41.6	62.4

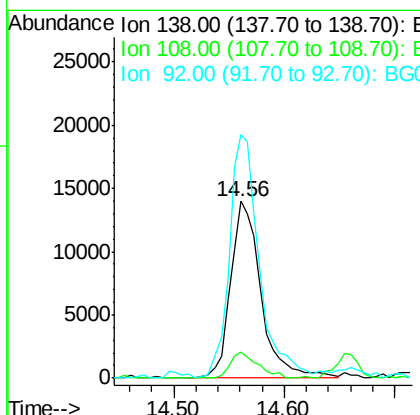
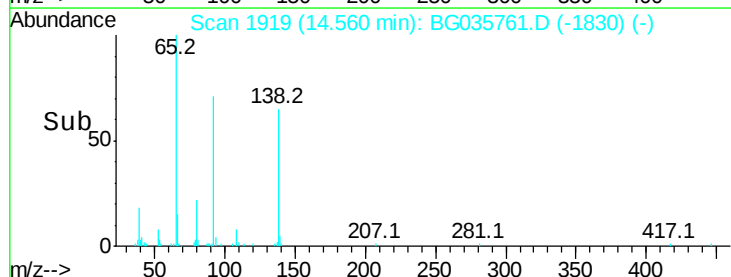
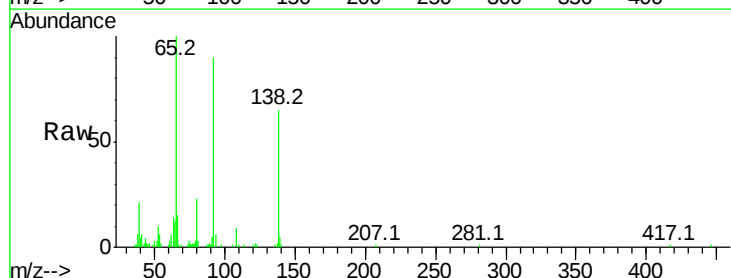
Manual Integrations
APPROVED

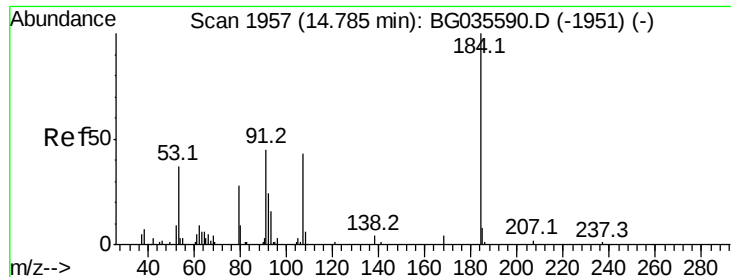
Sohil
7/20/2018 11:18:32 AM



#52
3-Nitroaniline
Concen: 13.056 ng
RT: 14.56 min Scan# 1919
Delta R.T. -0.01 min
Lab File: BG035761.D
Acq: 19 Jul 2018 22:44

Tgt Ion	Ratio	Lower	Upper
138	100		
108	14.4	17.5	26.3#
92	137.8	105.8	158.8





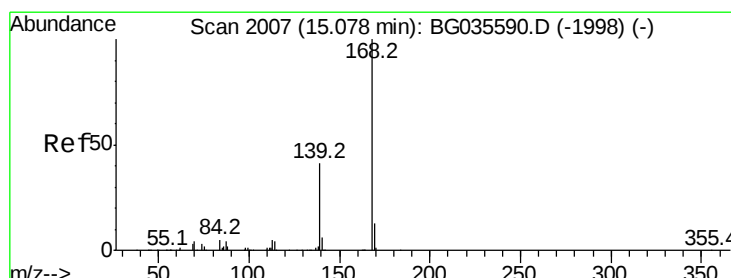
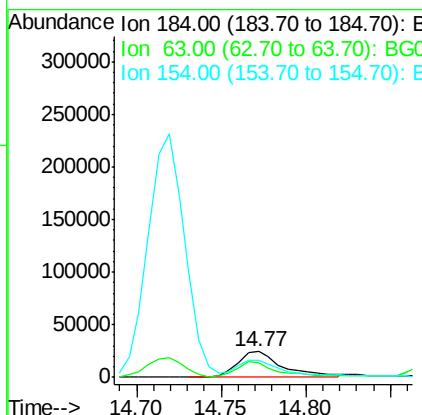
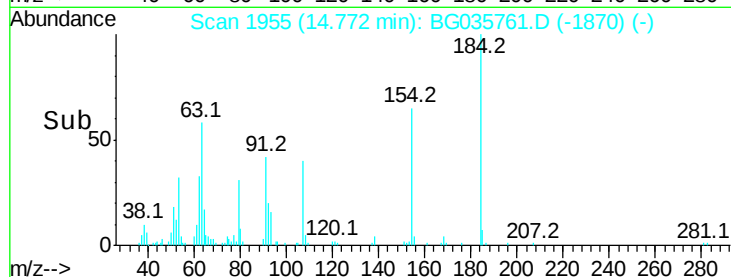
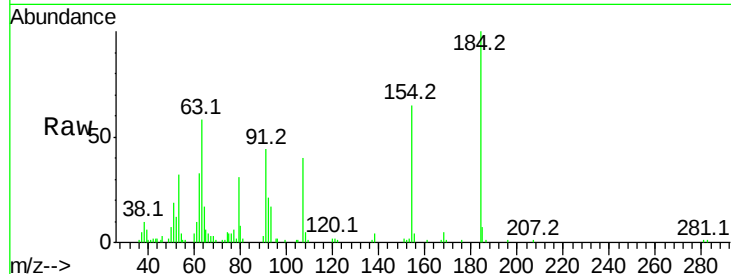
#53
2,4-Dinitrophenol
Concen: 46.317 ng
RT: 14.77 min Scan# 1955
Delta R.T. -0.03 min
Lab File: BG035761.D
Acq: 19 Jul 2018 22:44

Instrument :
BNA_G
ClientSampleId :
SB1-12-0MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	57.8	59.8	89.8#
154	65.2	101.8	152.8#

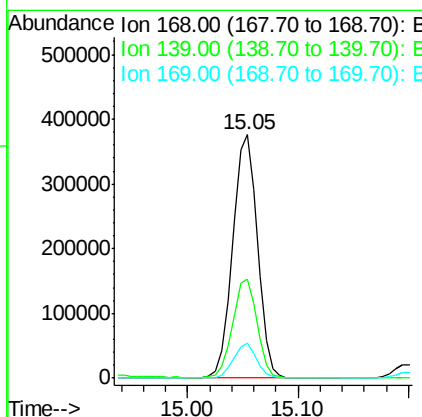
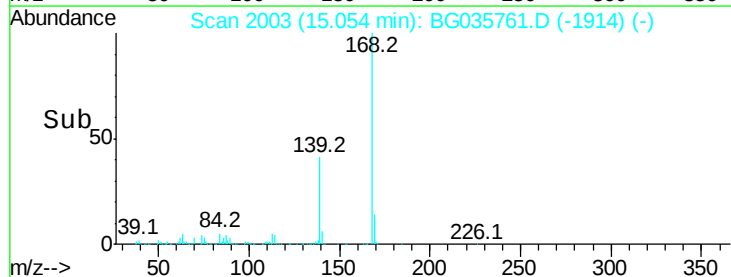
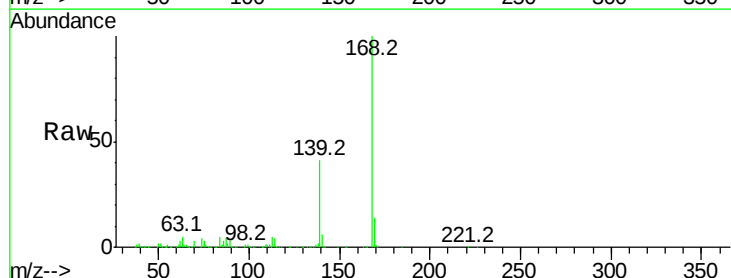
Manual Integrations
APPROVED

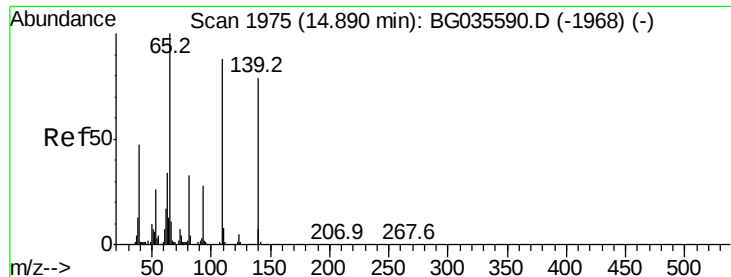
Sohil
7/20/2018 11:18:32 AM



#54
Dibenzofuran
Concen: 52.091 ng
RT: 15.05 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BG035761.D
Acq: 19 Jul 2018 22:44

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.7	28.6	43.0
169	14.4	11.2	16.8





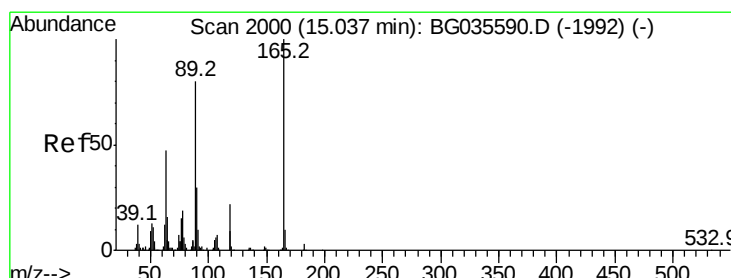
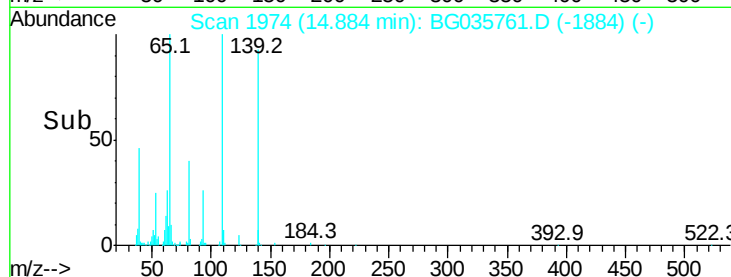
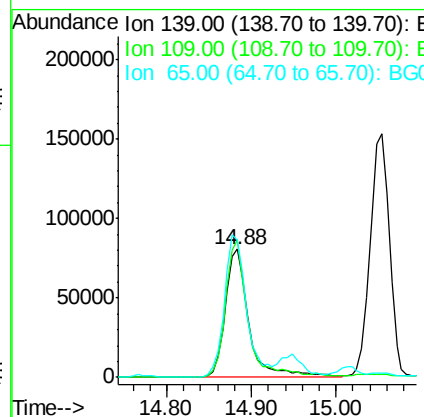
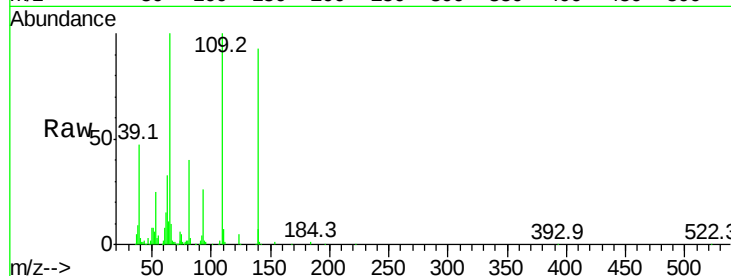
#55
4-Nitrophenol
Concen: 106.310 ng
RT: 14.88 min Scan# 1974
Delta R.T. -0.00 min
Lab File: BG035761.D
Acq: 19 Jul 2018 22:44

Instrument :
BNA_G
ClientSampleId :
SB1-12-0MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	107.1	62.2	102.2#	
65	107.6	97.2	137.2	

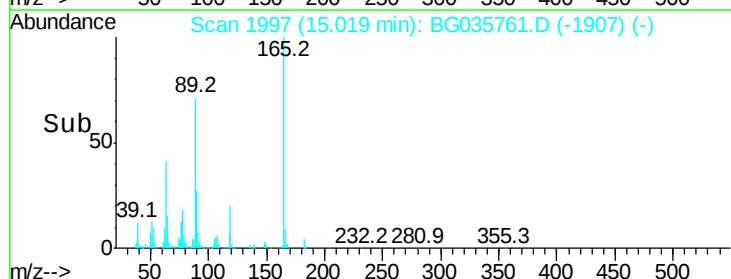
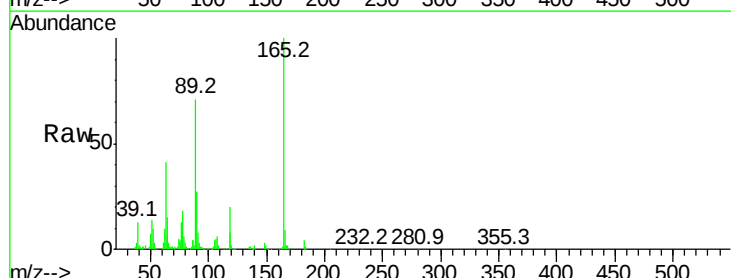
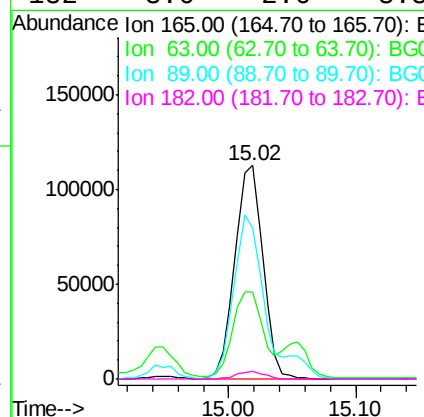
Manual Integrations
APPROVED

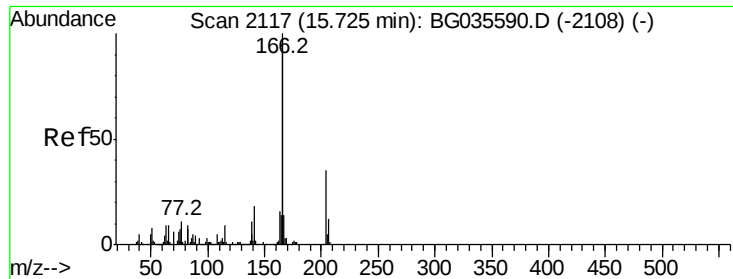
Sohil
7/20/2018 11:18:32 AM



#56
2,4-Dinitrotoluene
Concen: 59.568 ng
RT: 15.02 min Scan# 1997
Delta R.T. -0.00 min
Lab File: BG035761.D
Acq: 19 Jul 2018 22:44

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	40.7	42.0	63.0#	
89	71.0	66.9	100.3	
182	3.6	2.6	3.8	





#57

Fluorene

Concen: 51.840 ng

RT: 15.70 min Scan# 2113

Delta R.T. -0.01 min

Lab File: BG035761.D

Acq: 19 Jul 2018 22:44

Instrument :

BNA_G

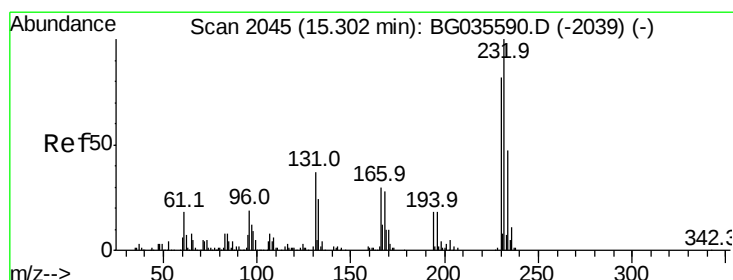
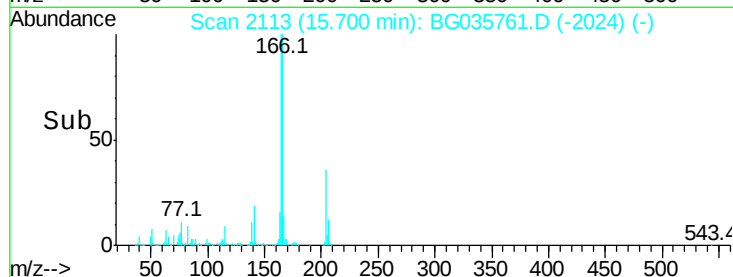
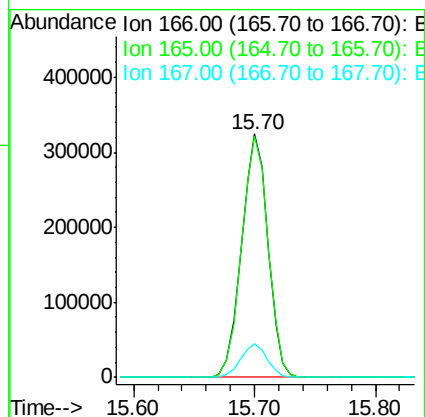
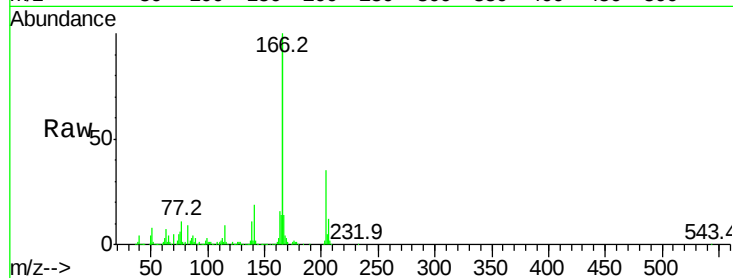
ClientSampleId :

SB1-12-0MSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.1	80.6	121.0
167	13.8	10.4	15.6

Manual Integrations
APPROVED

Sohil
7/20/2018 11:18:32 AM



#58

2,3,4,6-Tetrachlorophenol

Concen: 60.927 ng

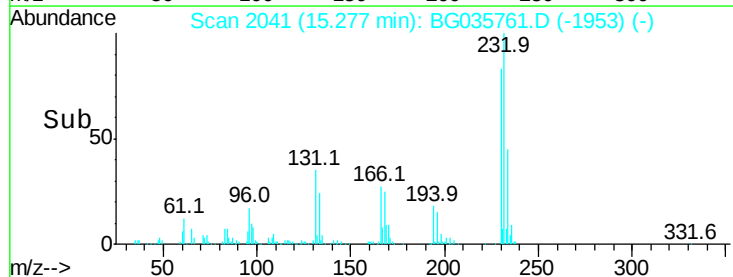
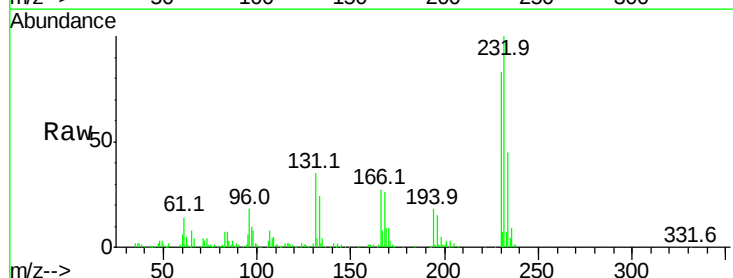
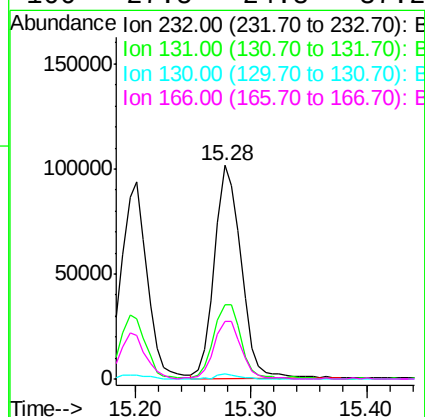
RT: 15.28 min Scan# 2041

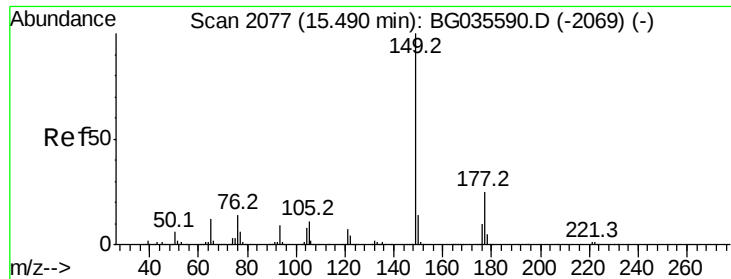
Delta R.T. -0.01 min

Lab File: BG035761.D

Acq: 19 Jul 2018 22:44

Tgt Ion	Ratio	Lower	Upper
232	100		
131	35.4	33.5	50.3
130	2.0	2.2	3.2#
166	27.5	24.8	37.2





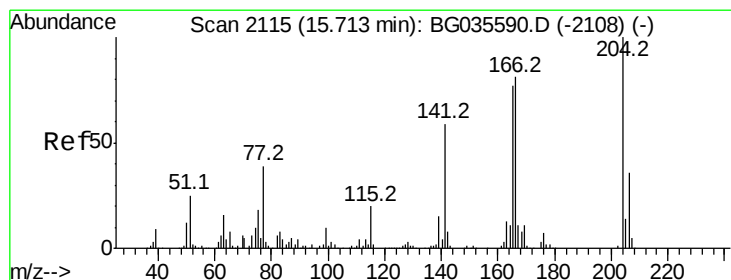
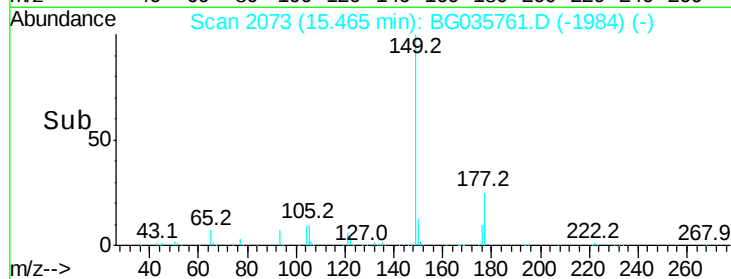
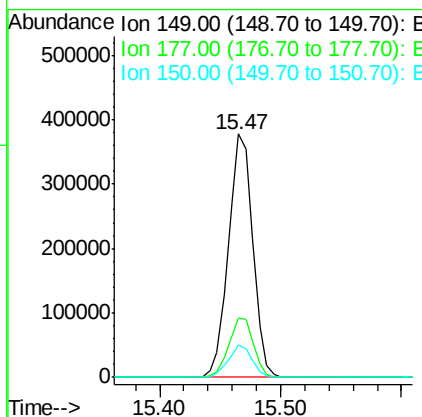
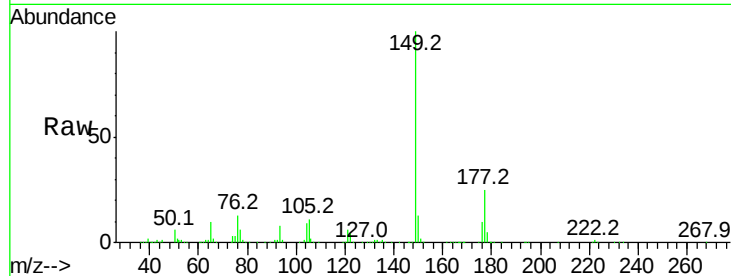
#59
Diethylphthalate
Concen: 51.787 ng
RT: 15.47 min Scan# 2073
Delta R.T. -0.01 min
Lab File: BG035761.D
Acq: 19 Jul 2018 22:44

Instrument :
BNA_G
ClientSampleId :
SB1-12-0MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	529601		
177	24.5	18.5	27.7	
150	13.4	10.2	15.2	

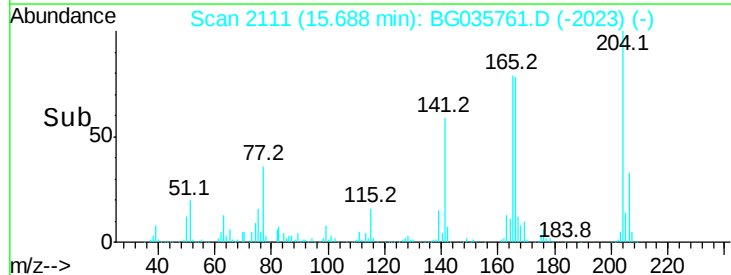
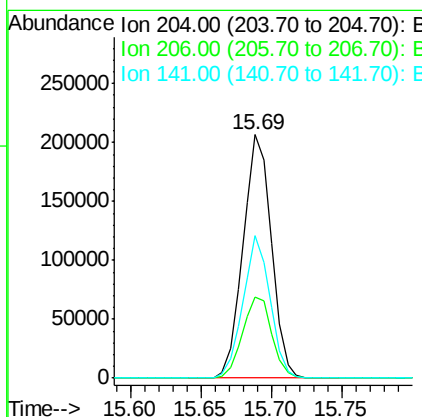
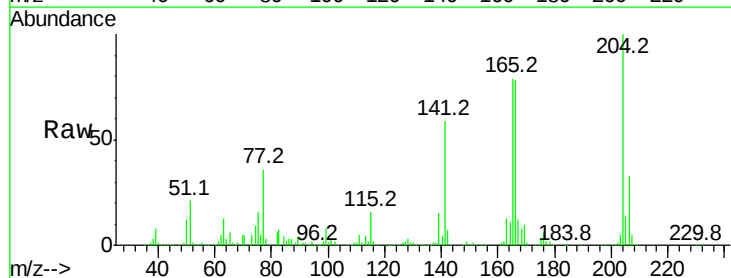
Manual Integrations
APPROVED

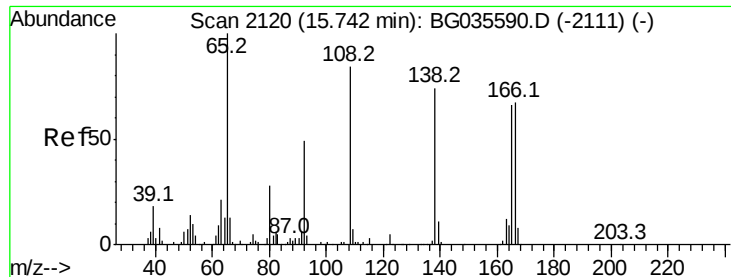
Sohil
7/20/2018 11:18:32 AM



#60
4-Chlorophenyl-phenylether
Concen: 51.809 ng
RT: 15.69 min Scan# 2111
Delta R.T. -0.01 min
Lab File: BG035761.D
Acq: 19 Jul 2018 22:44

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	289939		
206	33.4	26.2	39.2	
141	58.5	45.8	68.6	





#61

4-Nitroaniline

Concen: 47.722 ng

RT: 15.73 min Scan# 2118

Delta R.T. -0.00 min

Lab File: BG035761.D

Acq: 19 Jul 2018 22:44

Instrument :

BNA_G

ClientSampleId :

SB1-12-0MSD

Tot Ion:138 Resp: 103330

Ion Ratio Lower Upper

138 100

92 65.2 40.1 80.1

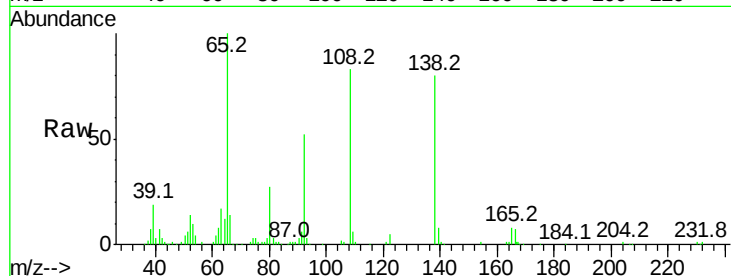
108 104.4 65.4 105.4

Manual Integrations

APPROVED

Sohil

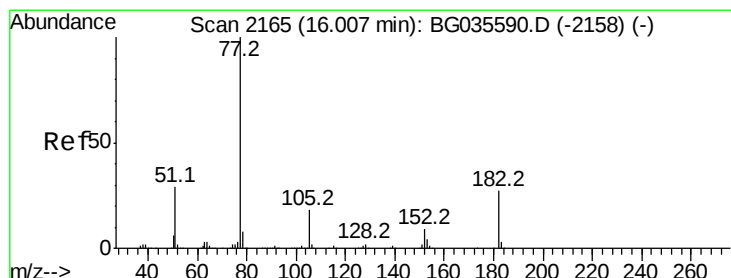
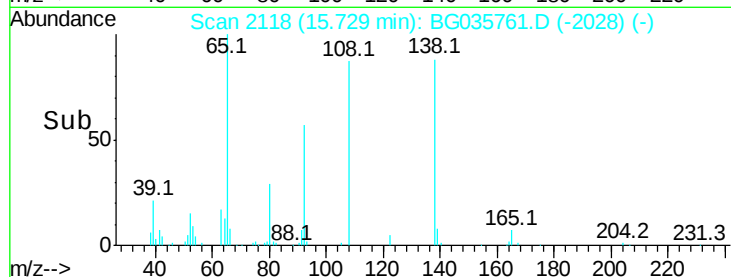
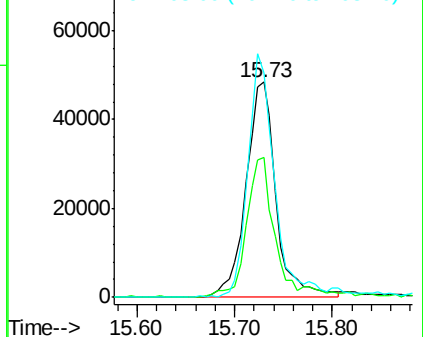
7/20/2018 11:18:32 AM



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 50.831 ng

RT: 15.98 min Scan# 2161

Delta R.T. -0.01 min

Lab File: BG035761.D

Acq: 19 Jul 2018 22:44

Tgt Ion: 77 Resp: 512745

Ion Ratio Lower Upper

77 100

182 26.8 7.4 47.4

105 18.7 0.3 40.3

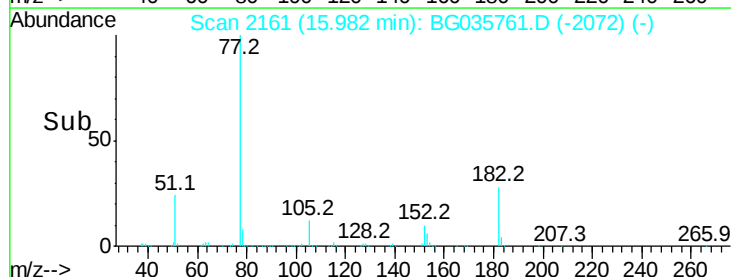
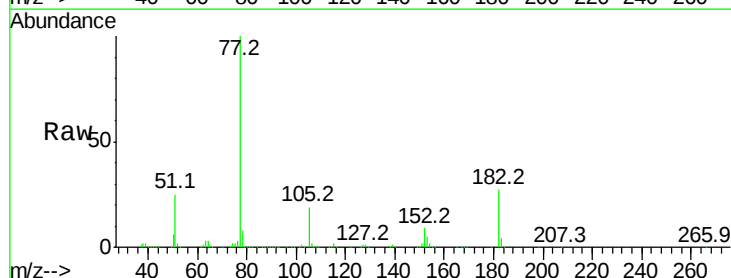
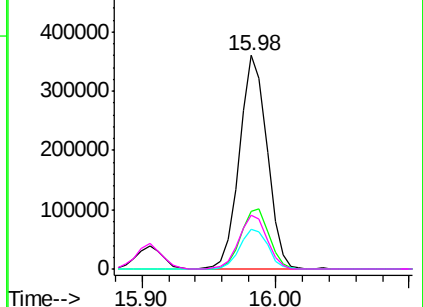
51 25.2 11.6 51.6

Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





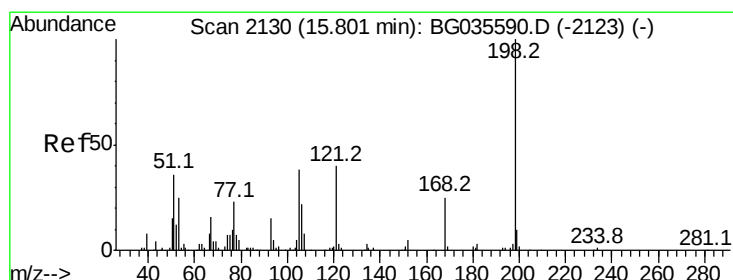
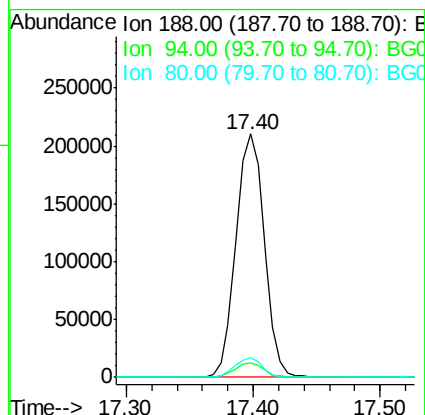
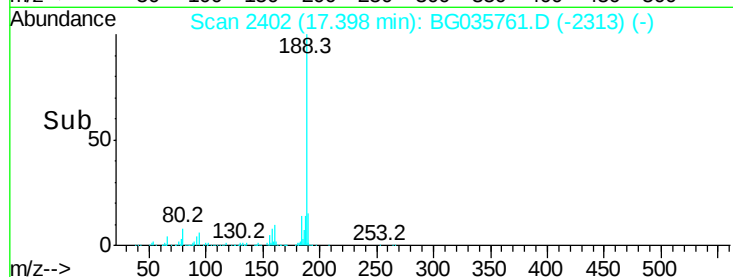
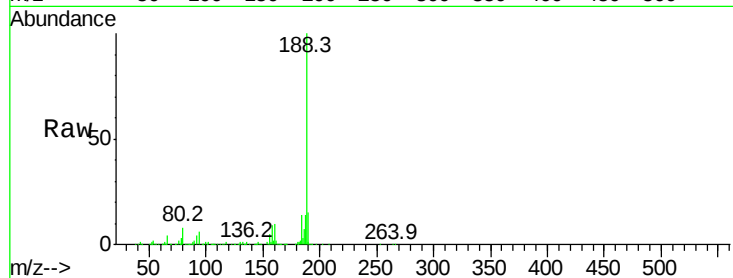
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2402
Delta R.T. -0.01 min
Lab File: BG035761.D
Acq: 19 Jul 2018 22:44

Instrument :
BNA_G
ClientSampleId :
SB1-12-0MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	6.2	6.9	10.3#	
80	8.2	7.7	11.5	

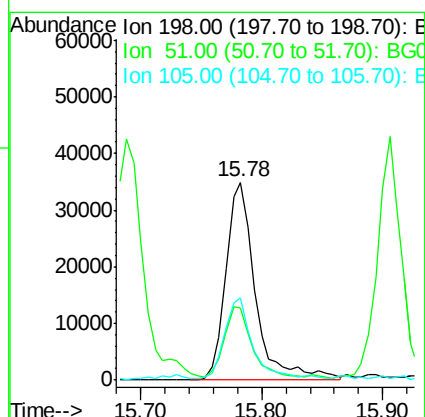
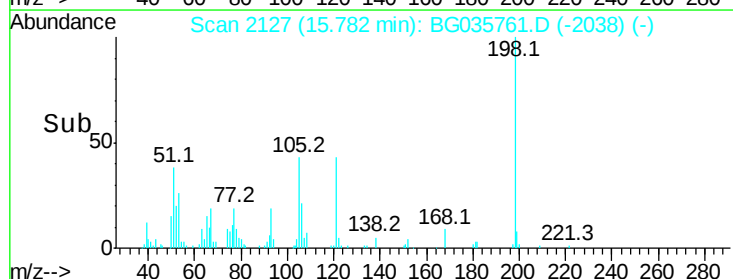
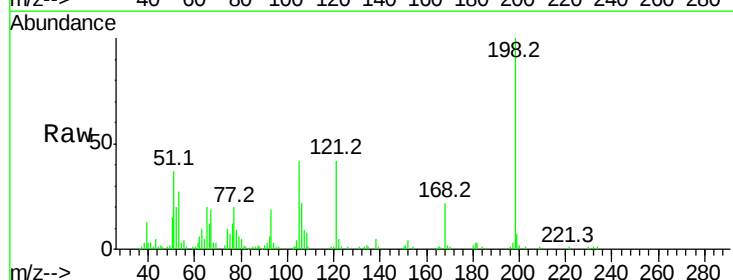
Manual Integrations
APPROVED

Sohil
7/20/2018 11:18:32 AM



#64
4,6-Dinitro-2-methylphenol
Concen: 32.791 ng
RT: 15.78 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BG035761.D
Acq: 19 Jul 2018 22:44

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	36.7	30.6	70.6	
105	41.9	23.8	63.8	





#65

n-Nitrosodiphenylamine

Concen: 49.079 ng

RT: 15.91 min Scan# 2148

Delta R.T. -0.01 min

Lab File: BG035761.D

Acq: 19 Jul 2018 22:44

Instrument :

BNA_G

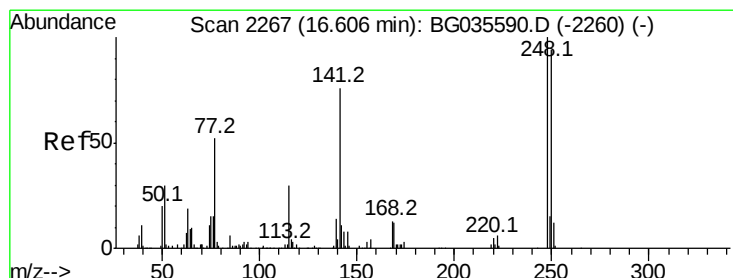
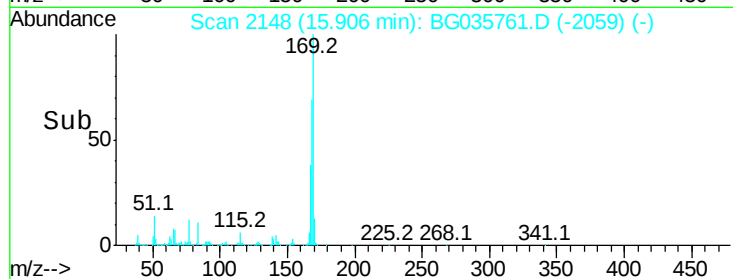
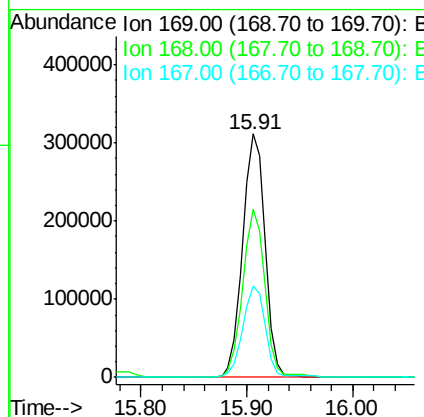
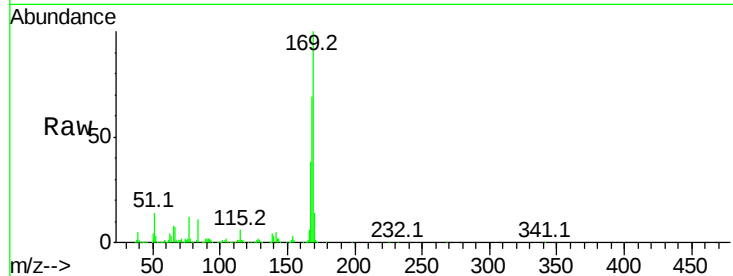
ClientSampleId :

SB1-12-0MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	453838		
168	69.0		55.7	83.5
167	37.7		30.1	45.1

Manual Integrations
APPROVED

Sohil
7/20/2018 11:18:32 AM



#66

4-Bromophenyl-phenylether

Concen: 53.273 ng

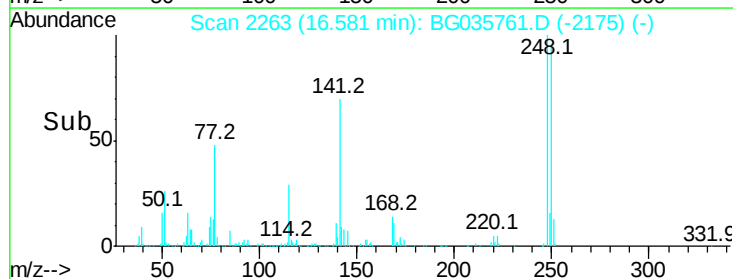
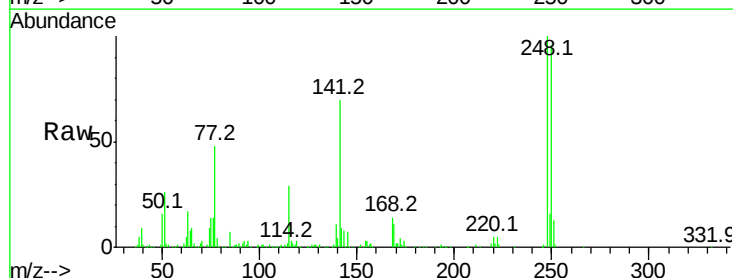
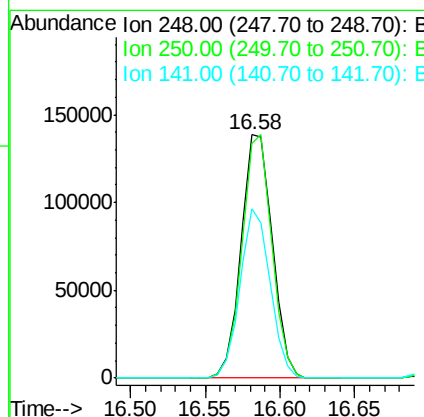
RT: 16.58 min Scan# 2263

Delta R.T. -0.01 min

Lab File: BG035761.D

Acq: 19 Jul 2018 22:44

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	200789		
250	96.5		77.1	115.7
141	69.9		50.8	76.2





#67

Hexachlorobenzene

Concen: 52.441 ng

RT: 16.70 min Scan# 2284

Delta R.T. -0.01 min

Lab File: BG035761.D

Acq: 19 Jul 2018 22:44

Instrument :

BNA_G

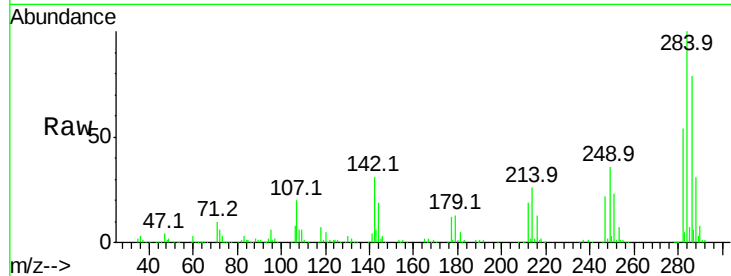
ClientSampleId :

SB1-12-0MSD

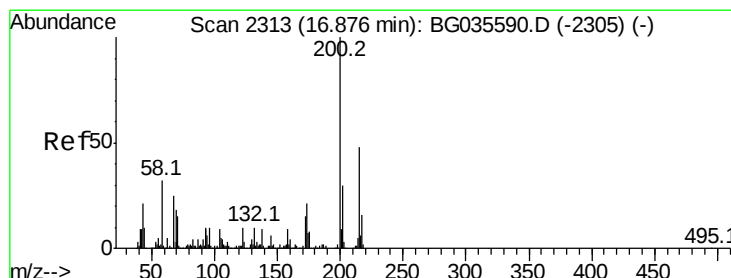
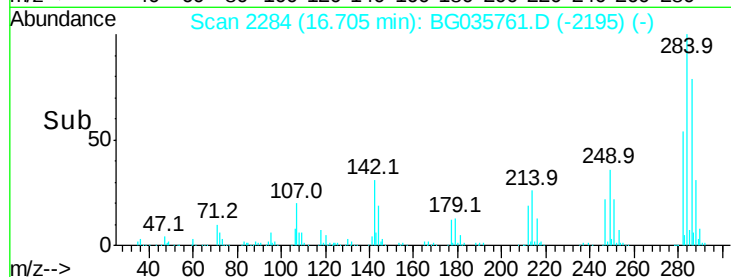
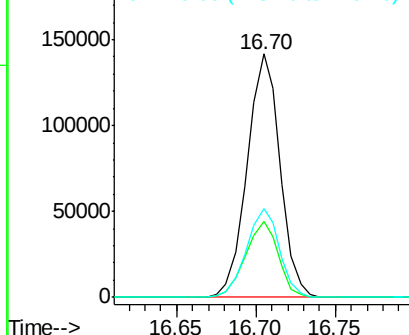
Tot Ion:	284	Resp:	203547
Ion Ratio	Lower	Upper	
284	100		
142	31.3	26.8	40.2
249	36.5	26.3	39.5

Manual Integrations
APPROVED

Sohil
7/20/2018 11:18:32 AM



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: 57.469 ng

RT: 16.85 min Scan# 2309

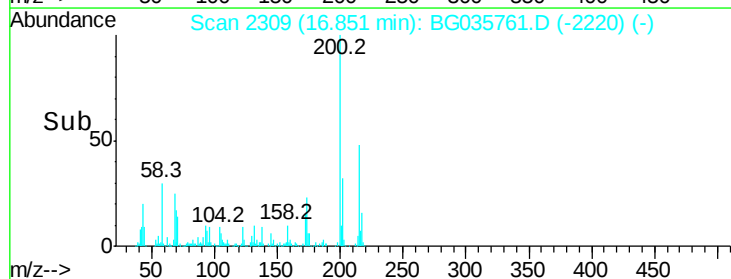
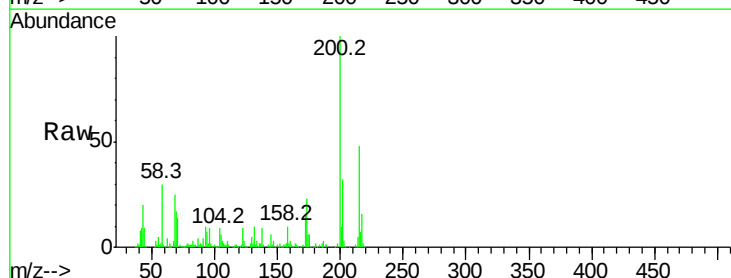
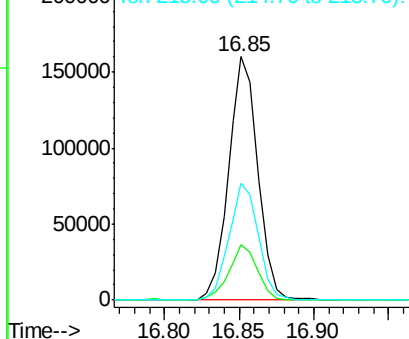
Delta R.T. -0.01 min

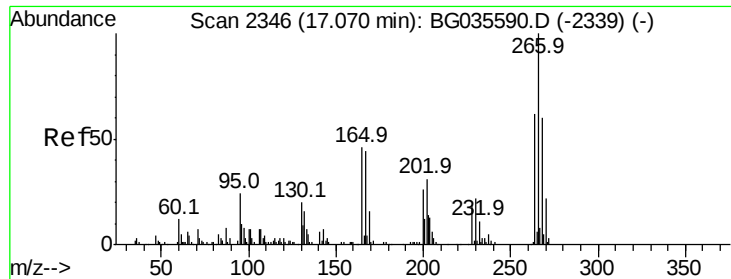
Lab File: BG035761.D

Acq: 19 Jul 2018 22:44

Tgt Ion:	200	Resp:	218802
Ion Ratio	Lower	Upper	
200	100		
173	22.9	5.2	45.2
215	48.2	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





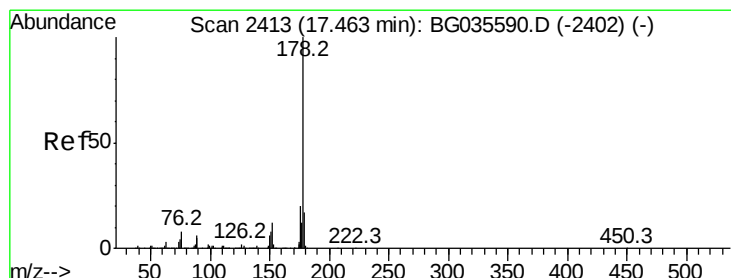
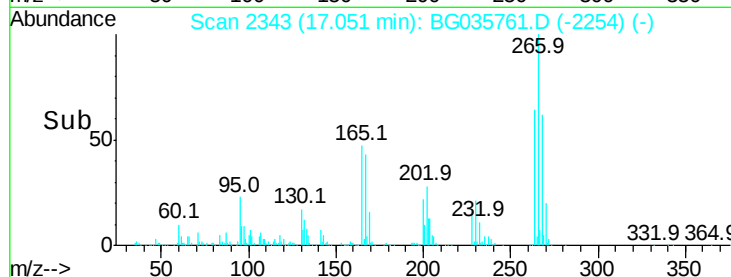
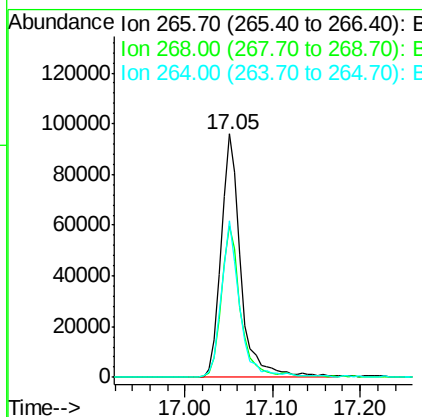
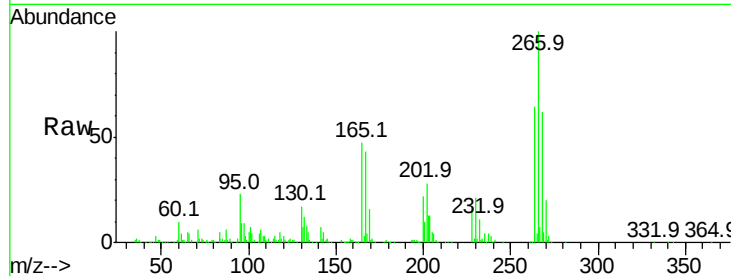
#69
 Pentachlorophenol
 Concen: 63.490 ng
 RT: 17.05 min Scan# 2343
 Delta R.T. -0.01 min
 Lab File: BG035761.D
 Acq: 19 Jul 2018 22:44

Instrument :
 BNA_G
 ClientSampleId :
 SB1-12-0MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	150102		
268	62.4	51.1	76.7	
264	64.4	49.6	74.4	

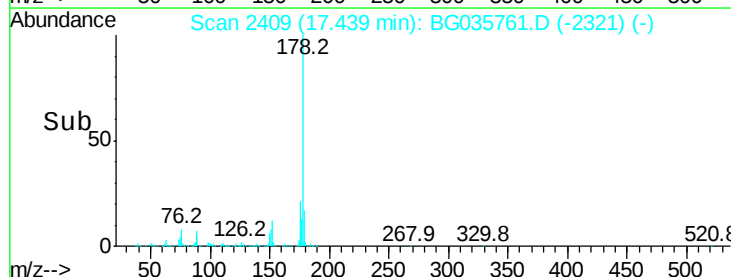
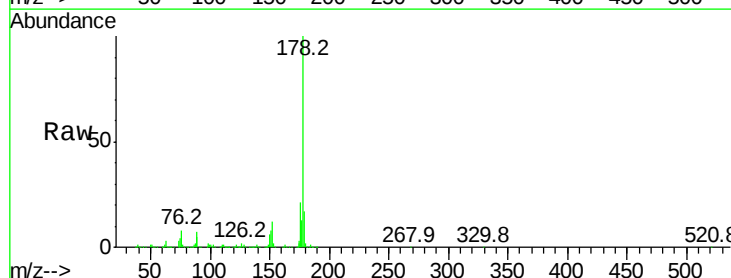
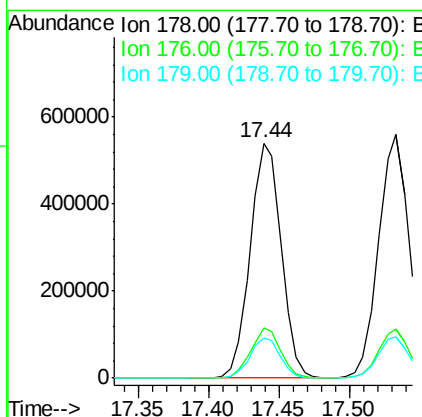
Manual Integrations
 APPROVED

Sohil
 7/20/2018 11:18:32 AM



#70
 Phenanthrene
 Concen: 51.550 ng
 RT: 17.44 min Scan# 2409
 Delta R.T. -0.01 min
 Lab File: BG035761.D
 Acq: 19 Jul 2018 22:44

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	835661		
176	21.4	15.7	23.5	
179	17.3	12.5	18.7	





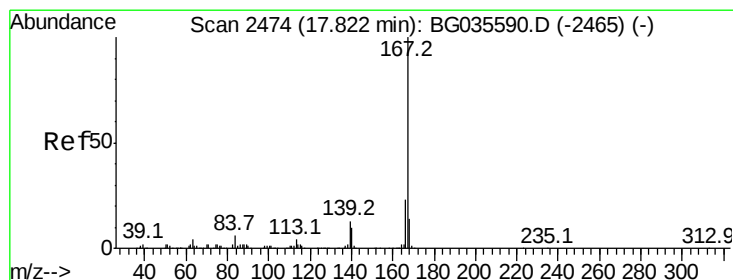
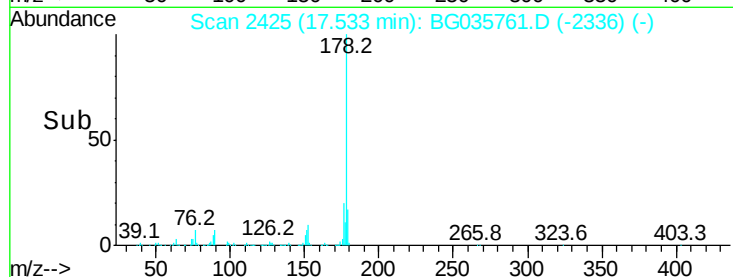
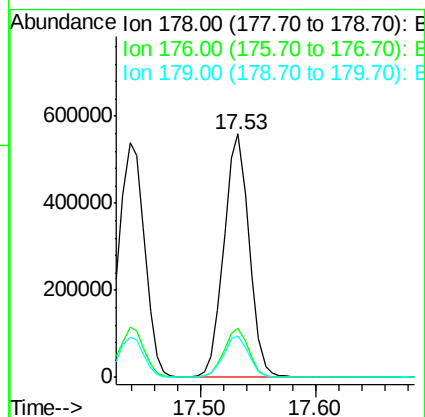
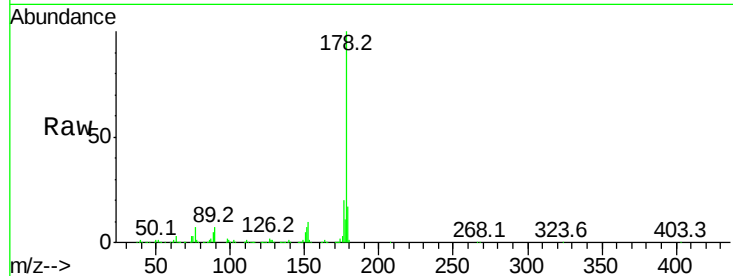
#71
 Anthracene
 Concen: 52.423 ng
 RT: 17.53 min Scan# 2425
 Delta R.T. -0.01 min
 Lab File: BG035761.D
 Acq: 19 Jul 2018 22:44

Instrument :
 BNA_G
 ClientSampleId :
 SB1-12-0MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.0	24.0
179	16.9	12.5	18.7

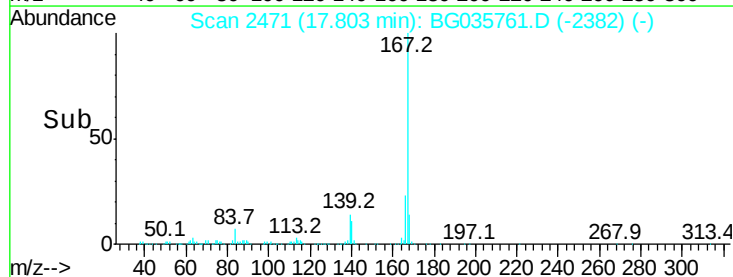
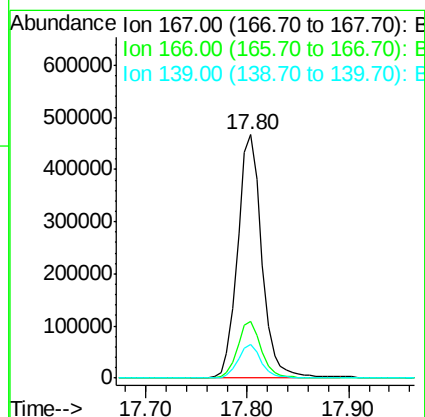
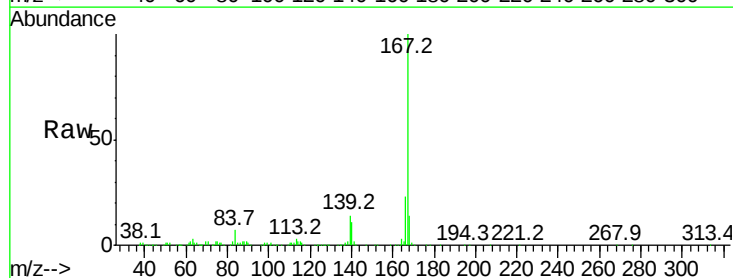
Manual Integrations
 APPROVED

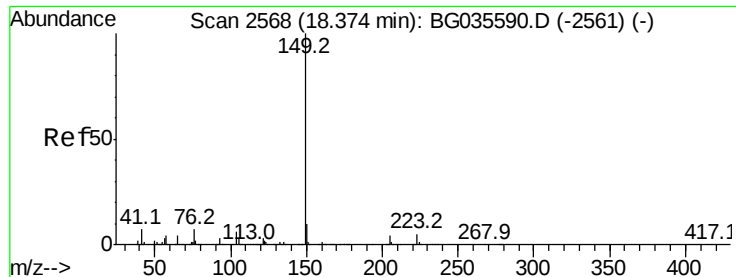
Sohil
 7/20/2018 11:18:32 AM



#72
 Carbazole
 Concen: 50.461 ng
 RT: 17.80 min Scan# 2471
 Delta R.T. -0.01 min
 Lab File: BG035761.D
 Acq: 19 Jul 2018 22:44

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.3	18.2	27.4
139	13.7	9.4	14.2





#73

Di-n-butylphthalate

Concen: 50.446 ng

RT: 18.35 min Scan# 2564

Delta R.T. -0.01 min

Lab File: BG035761.D

Acq: 19 Jul 2018 22:44

Instrument :

BNA_G

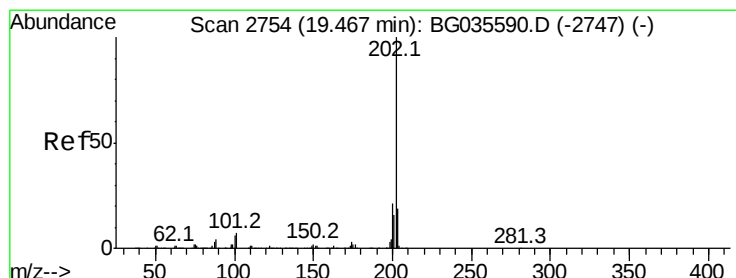
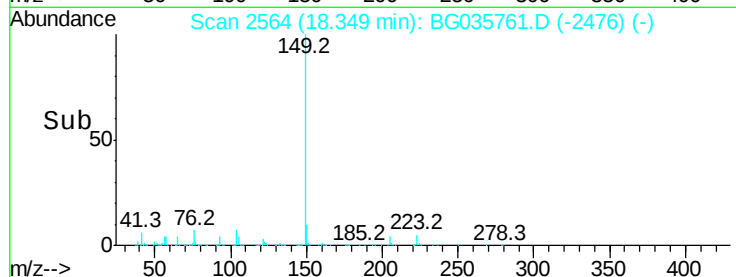
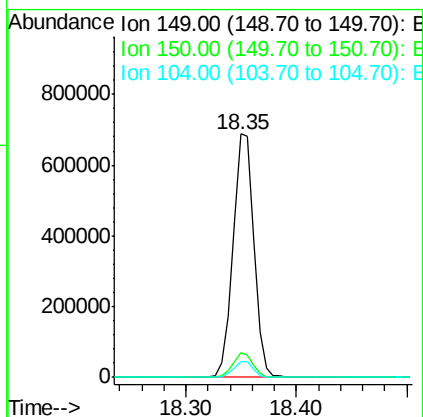
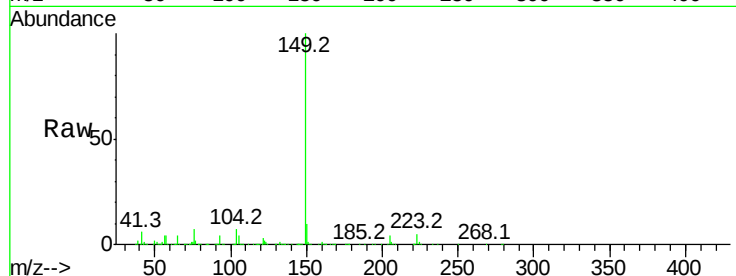
ClientSampleId :

SB1-12-0MSD

Tot Ion:	149	Resp:	913826
Ion Ratio	Lower	Upper	
149	100		
150	10.2	7.8	11.6
104	6.7	3.9	5.9#

Manual Integrations
APPROVED

Sohil
7/20/2018 11:18:32 AM



#74

Fluoranthene

Concen: 51.195 ng

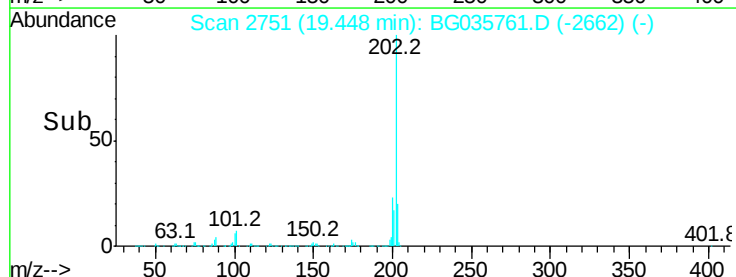
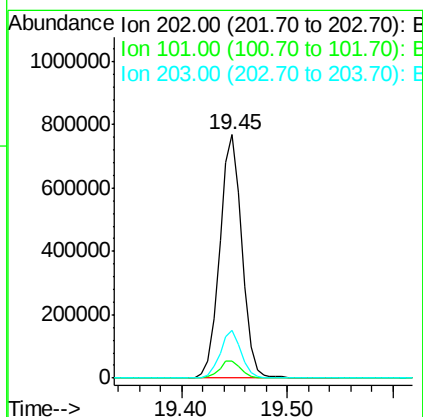
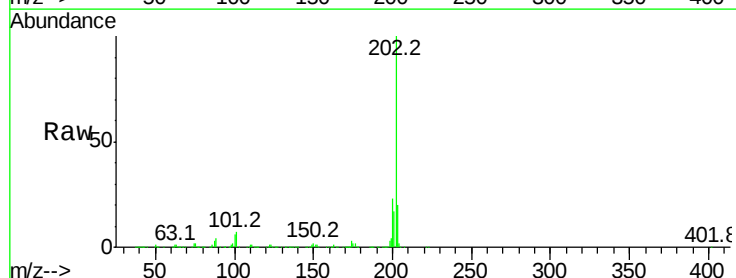
RT: 19.45 min Scan# 2751

Delta R.T. -0.01 min

Lab File: BG035761.D

Acq: 19 Jul 2018 22:44

Tgt Ion:	202	Resp:	1117879
Ion Ratio	Lower	Upper	
202	100		
101	7.0	0.0	28.9
203	19.6	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3128

Delta R.T. -0.01 min

Lab File: BG035761.D

Acq: 19 Jul 2018 22:44

Instrument :

BNA_G

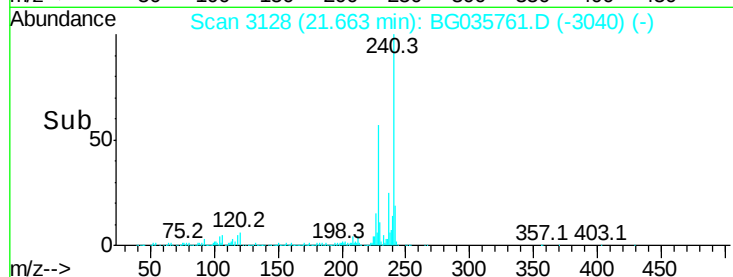
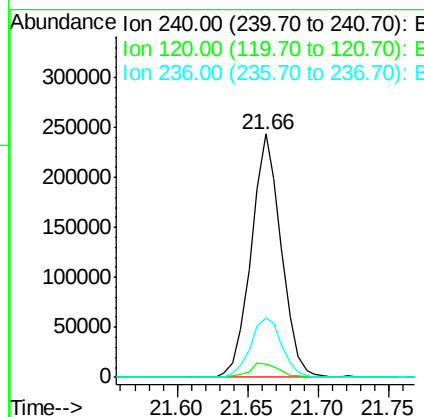
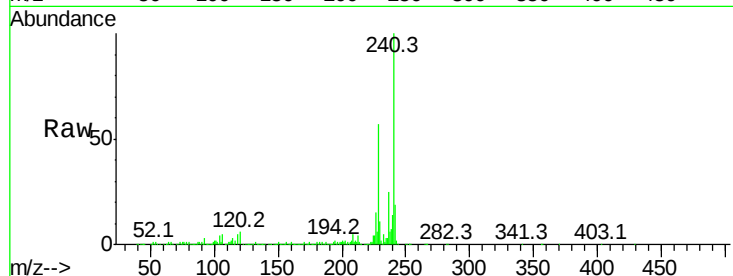
ClientSampleId :

SB1-12-0MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	5.5	6.8	10.2#
236	24.6	20.9	31.3

Manual Integrations
APPROVED

Sohil
7/20/2018 11:18:32 AM



#76

Benzidine

Concen: 22.814 ng

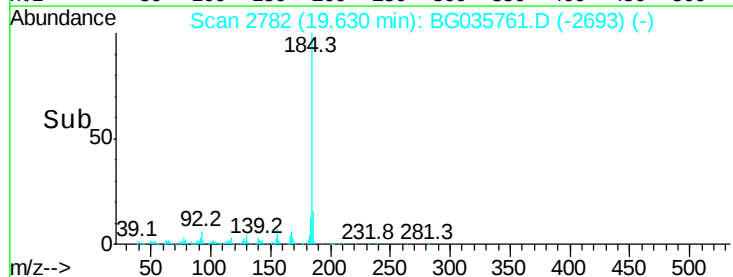
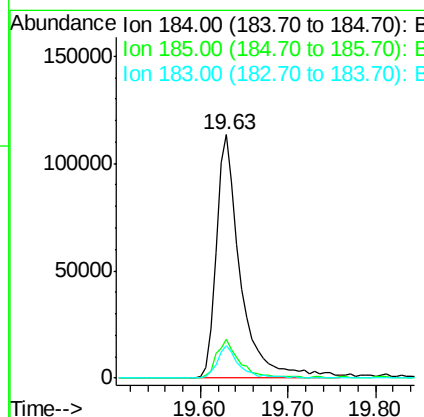
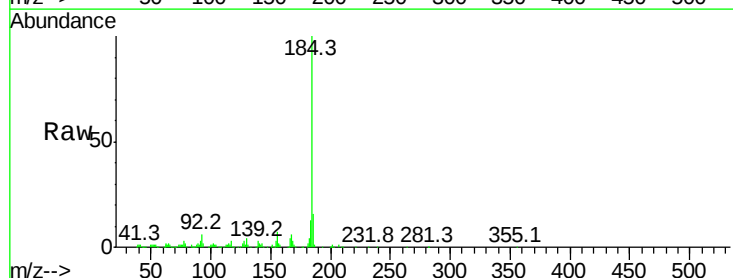
RT: 19.63 min Scan# 2782

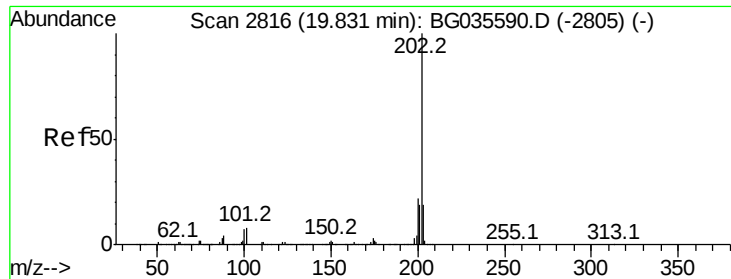
Delta R.T. -0.01 min

Lab File: BG035761.D

Acq: 19 Jul 2018 22:44

Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.0	11.1	16.7
183	13.4	10.6	16.0





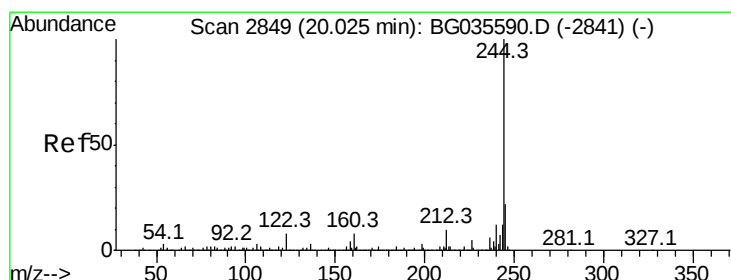
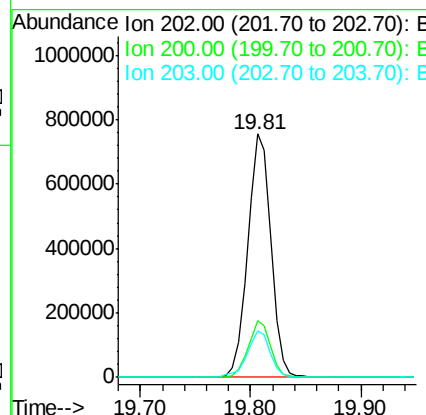
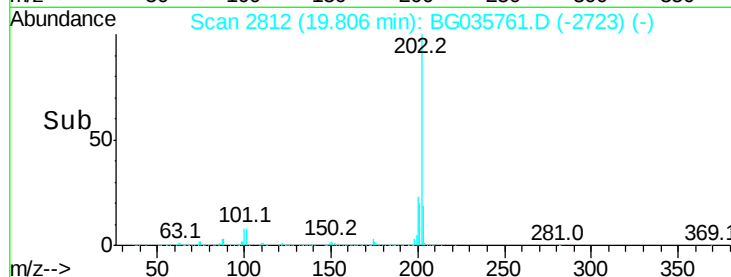
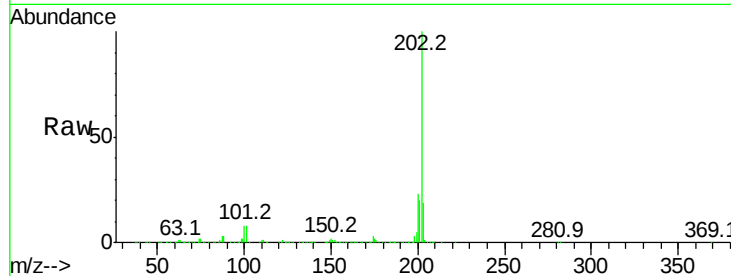
#77
Pvrene
Concen: 48.822 ng
RT: 19.81 min Scan# 2812
Delta R.T. -0.01 min
Lab File: BG035761.D
Acq: 19 Jul 2018 22:44

Instrument :
BNA_G
ClientSampleId :
SB1-12-0MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	23.2	16.9	25.3
203	19.4	13.9	20.9

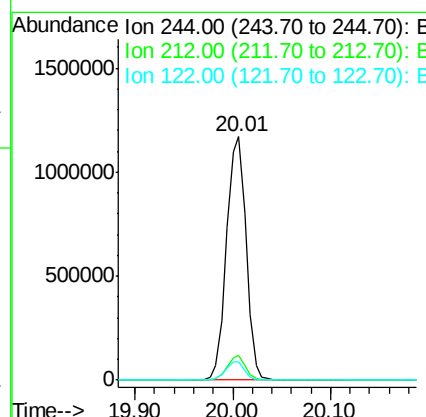
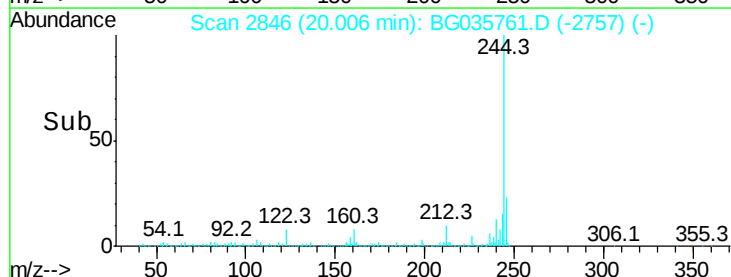
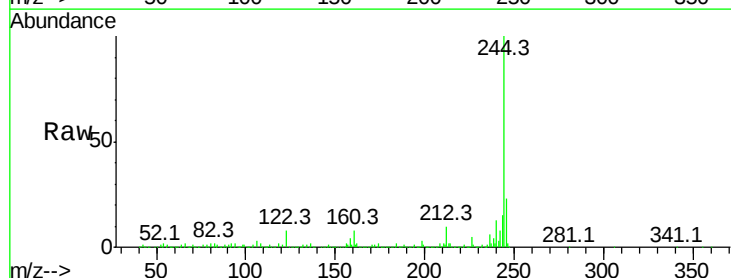
Manual Integrations
APPROVED

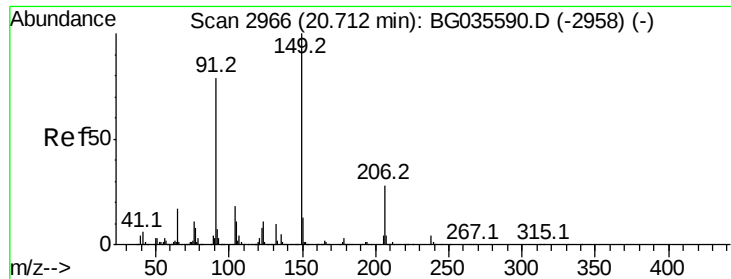
Sohil
7/20/2018 11:18:32 AM



#78
Terphenyl-d14
Concen: 98.730 ng
RT: 20.01 min Scan# 2846
Delta R.T. -0.01 min
Lab File: BG035761.D
Acq: 19 Jul 2018 22:44

Tgt Ion	Ratio	Lower	Upper
244	100		
212	10.2	5.8	8.8#
122	7.5	7.0	10.4





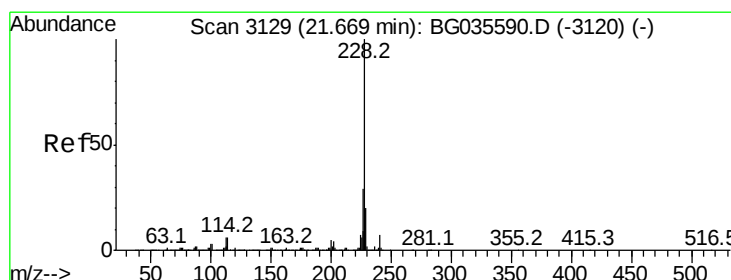
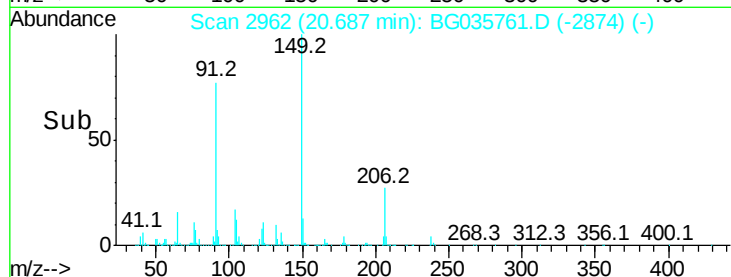
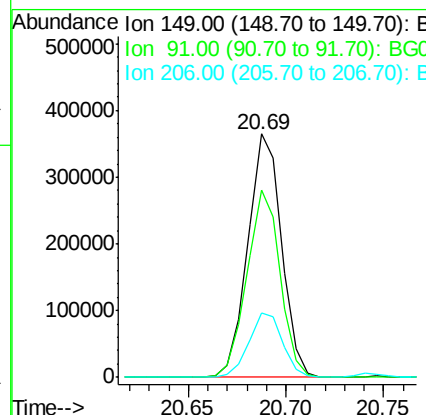
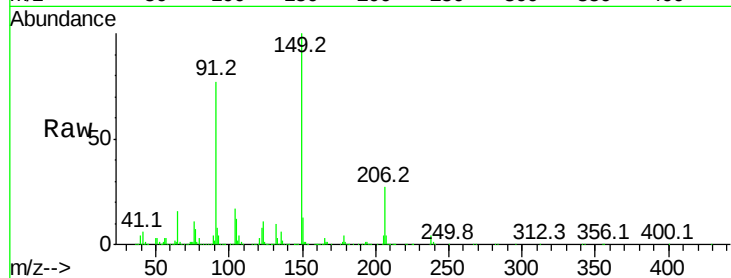
#79
Butylbenzylphthalate
Concen: 53.274 ng
RT: 20.69 min Scan# 2962
Delta R.T. -0.01 min
Lab File: BG035761.D
Acq: 19 Jul 2018 22:44

Instrument :
BNA_G
ClientSampleId :
SB1-12-0MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	77.1	62.2	93.2
206	26.7	18.6	27.8

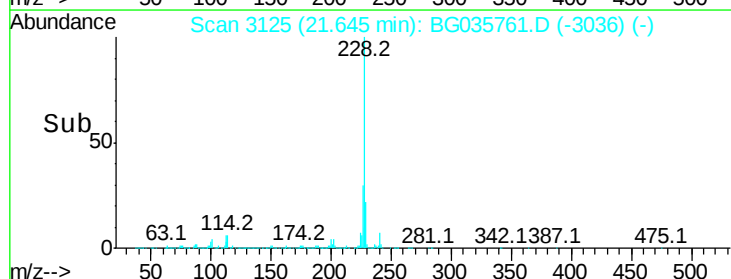
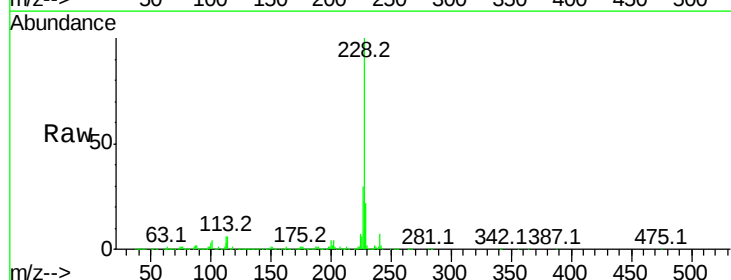
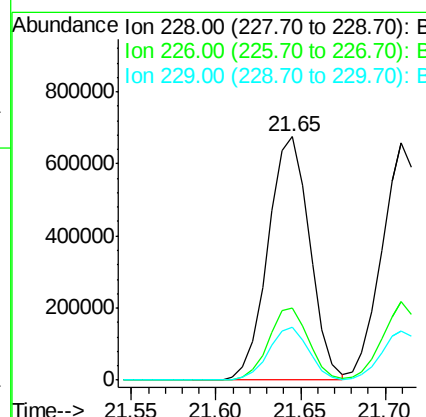
Manual Integrations
APPROVED

Sohil
7/20/2018 11:18:32 AM



#80
Benzo(a)anthracene
Concen: 50.849 ng
RT: 21.65 min Scan# 3125
Delta R.T. -0.01 min
Lab File: BG035761.D
Acq: 19 Jul 2018 22:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	22.7	34.1
229	21.9	16.2	24.2





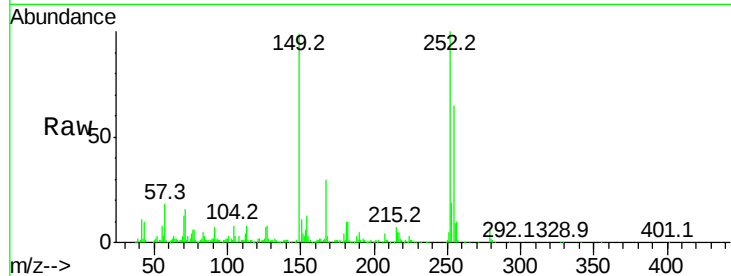
#81
 3,3'-Dichlorobenzidine
 Concen: 22.926 ng
 RT: 21.56 min Scan# 3110
 Delta R.T. -0.01 min
 Lab File: BG035761.D
 Acq: 19 Jul 2018 22:44

Instrument :
 BNA_G
 ClientSampleId :
 SB1-12-0MSD

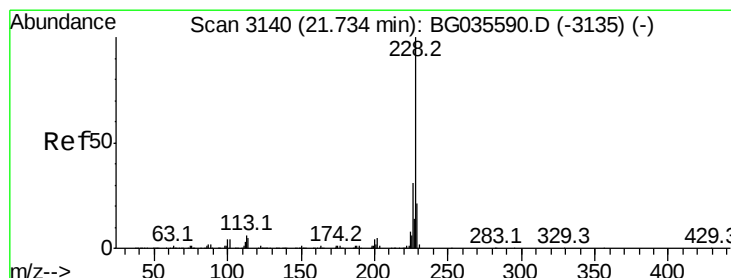
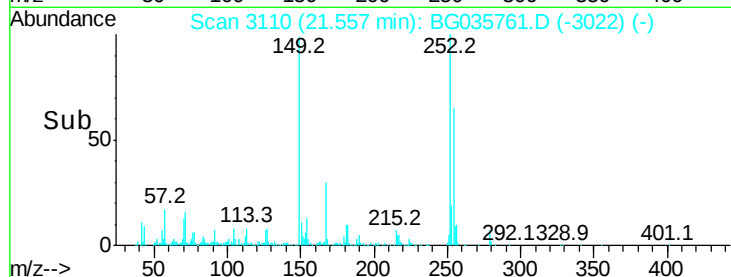
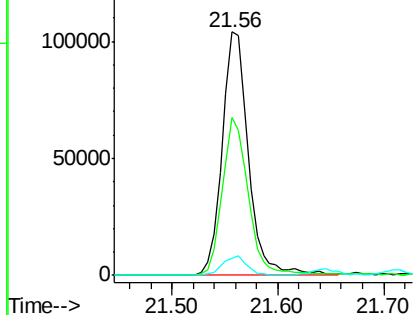
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.6	50.8	76.2
126	7.1	7.4	11.2#

Manual Integrations
 APPROVED

Sohil
 7/20/2018 11:18:32 AM

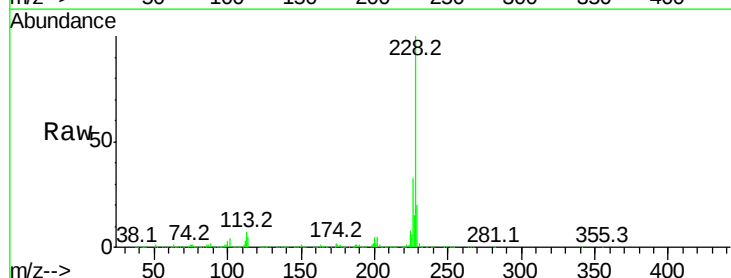


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

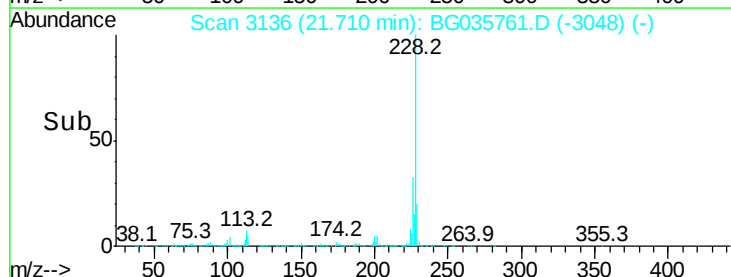
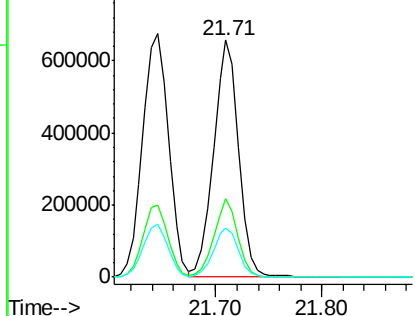


#82
 Chrysene
 Concen: 51.353 ng
 RT: 21.71 min Scan# 3136
 Delta R.T. -0.01 min
 Lab File: BG035761.D
 Acq: 19 Jul 2018 22:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.4	24.9	37.3
229	20.5	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: 54.824 ng

RT: 21.54 min Scan# 3107

Delta R.T. -0.01 min

Lab File: BG035761.D

Acq: 19 Jul 2018 22:44

Instrument :

BNA_G

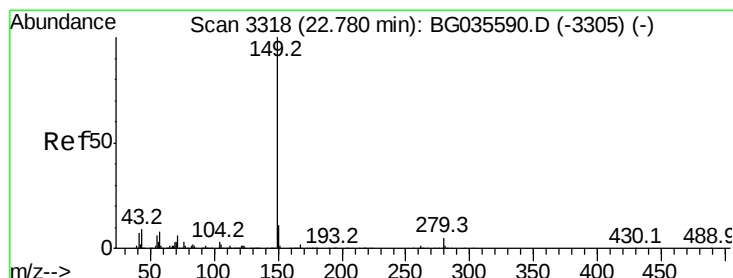
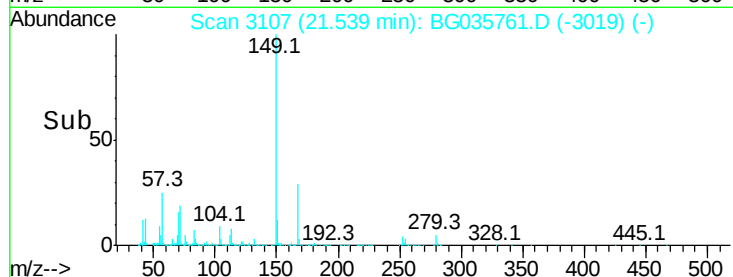
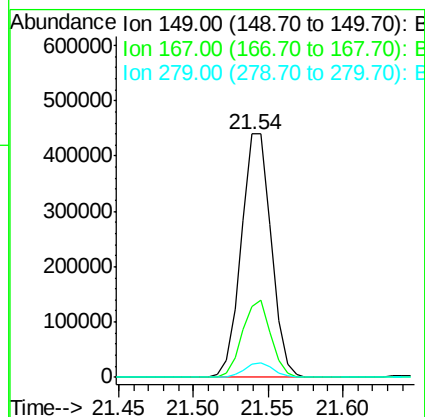
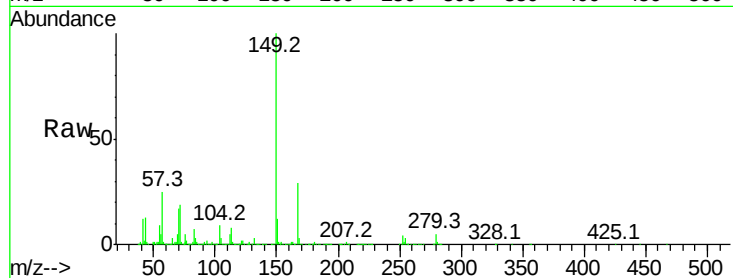
ClientSampleId :

SB1-12-0MSD

Tot Ion:	149	Resp:	610566
Ion Ratio	Lower	Upper	
149	100		
167	29.3	24.3	36.5
279	5.2	4.0	6.0

Manual Integrations
APPROVED

Sohil
7/20/2018 11:18:32 AM



#84

Di-n-octyl phthalate

Concen: 55.772 ng

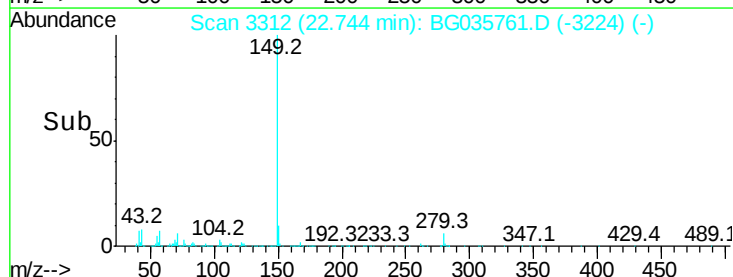
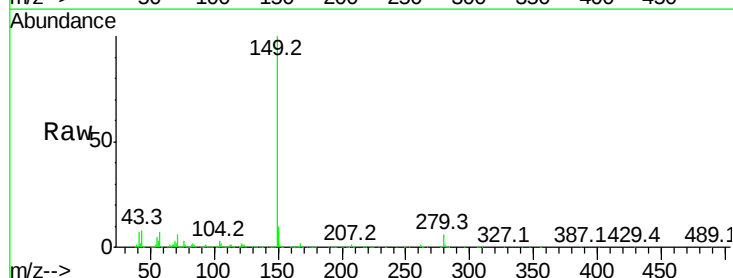
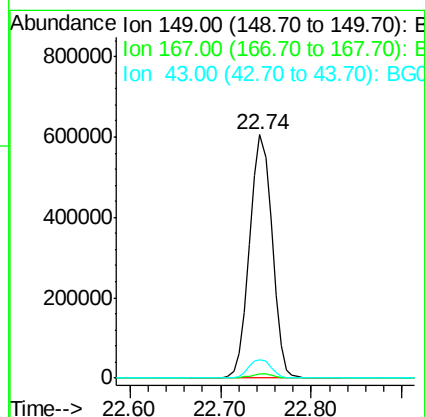
RT: 22.74 min Scan# 3312

Delta R.T. -0.01 min

Lab File: BG035761.D

Acq: 19 Jul 2018 22:44

Tgt Ion:	149	Resp:	1040000
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.4	2.0
43	7.8	8.9	13.3#





#85

Indeno(1,2,3-cd)pyrene

Concen: 54.319 ng

RT: 28.52 min Scan# 4295

Delta R.T. -0.02 min

Lab File: BG035761.D

Acq: 19 Jul 2018 22:44

Instrument :

BNA_G

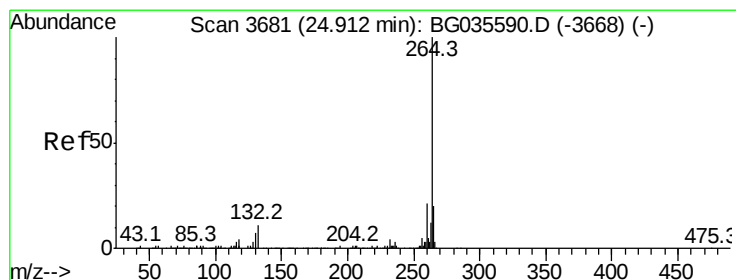
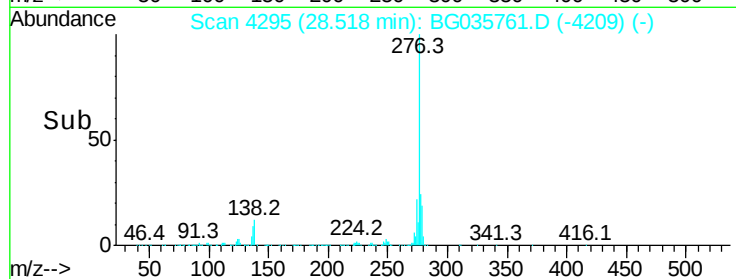
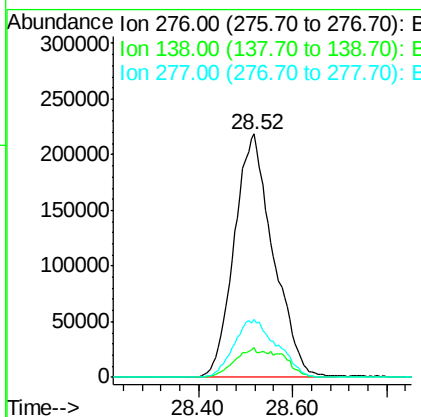
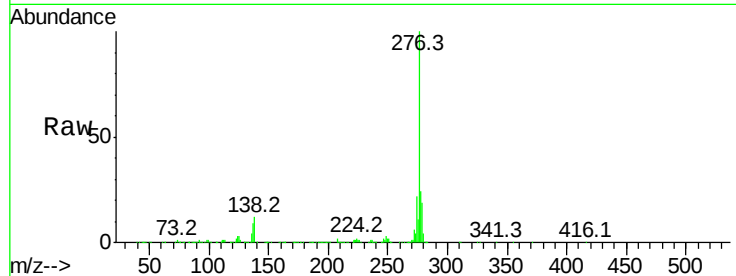
ClientSampleId :

SB1-12-0MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	7.5	16.0	24.0#
277	11.4	20.0	30.0#

Manual Integrations
APPROVED

Sohil
7/20/2018 11:18:32 AM



#86

Perylene-d12

Concen: 20.000 ng

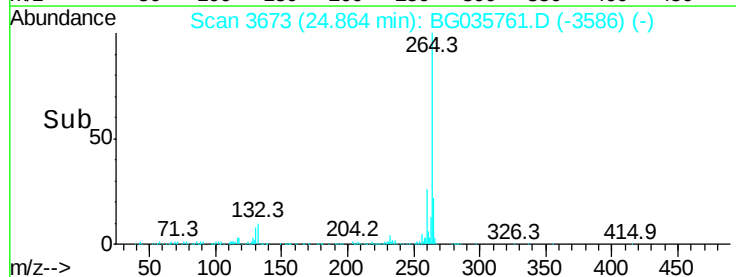
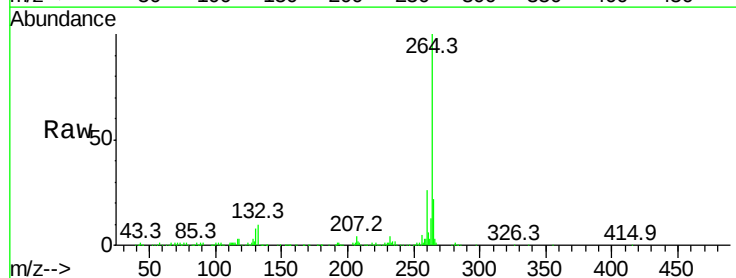
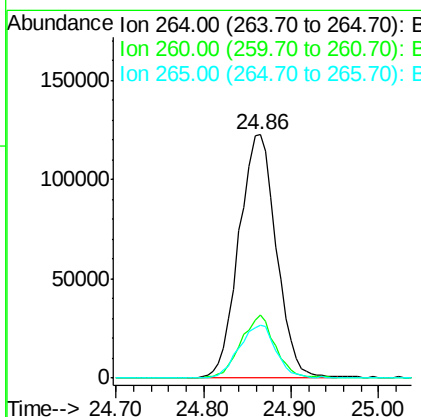
RT: 24.86 min Scan# 3673

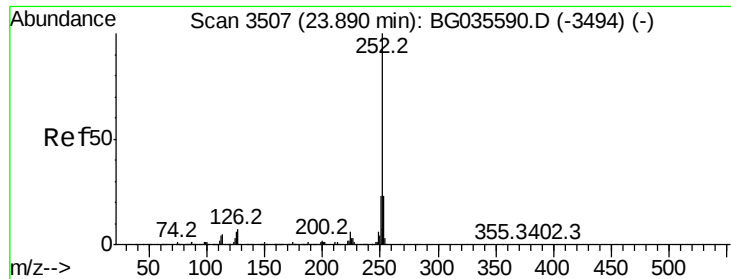
Delta R.T. -0.02 min

Lab File: BG035761.D

Acq: 19 Jul 2018 22:44

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.9	17.4	26.0
265	21.9	17.7	26.5





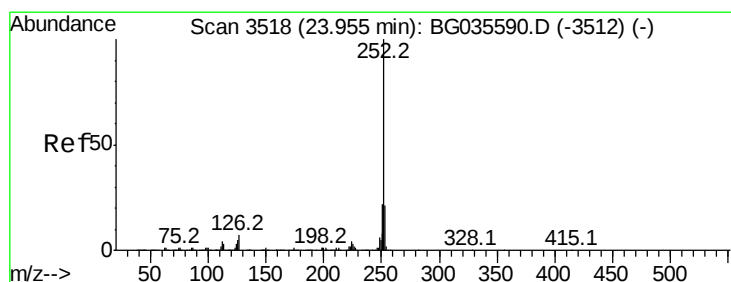
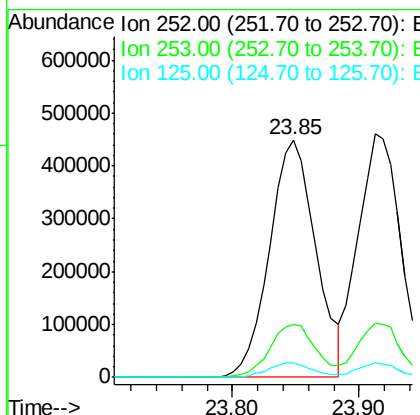
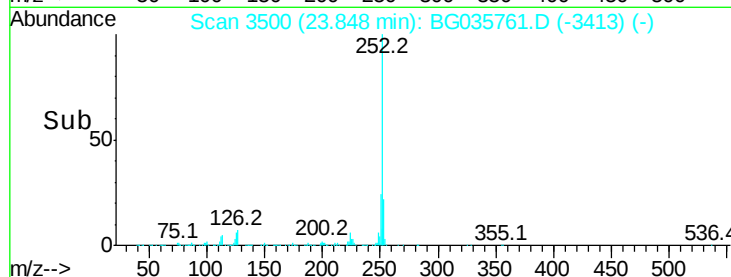
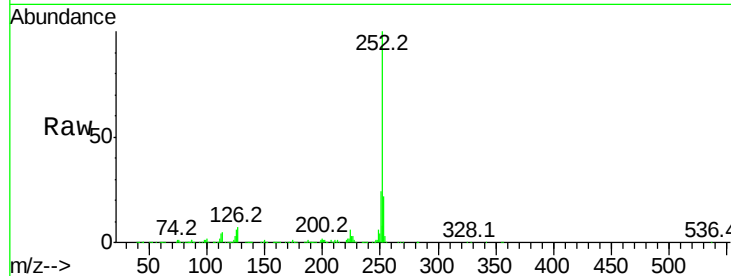
#87
Benzo(b)fluoranthene
Concen: 52.599 ng
RT: 23.85 min Scan# 3500
Delta R.T. -0.02 min
Lab File: BG035761.D
Acq: 19 Jul 2018 22:44

Instrument :
BNA_G
ClientSampleId :
SB1-12-0MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.4
125	6.1	7.2	10.8

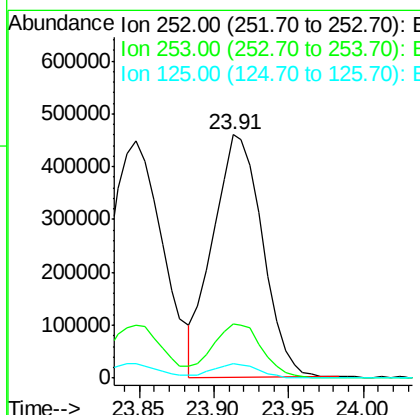
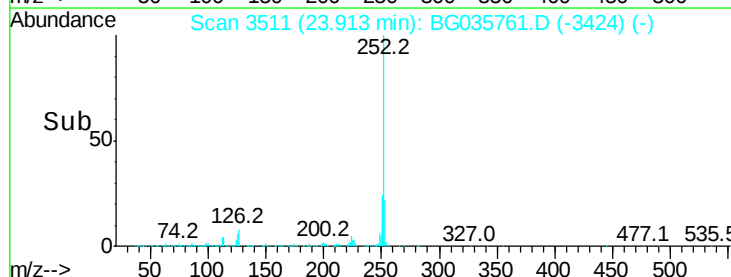
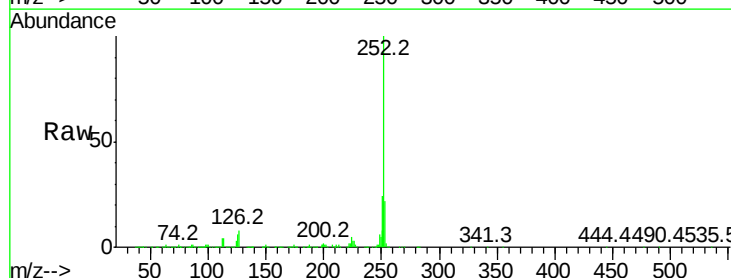
Manual Integrations
APPROVED

Sohil
7/20/2018 11:18:32 AM



#88
Benzo(k)fluoranthene
Concen: 50.032 ng
RT: 23.91 min Scan# 3511
Delta R.T. -0.02 min
Lab File: BG035761.D
Acq: 19 Jul 2018 22:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.2
125	5.7	6.6	9.8





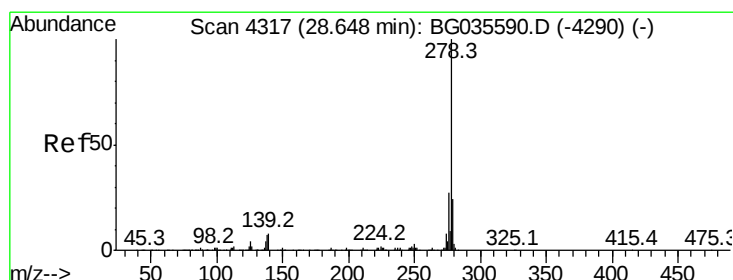
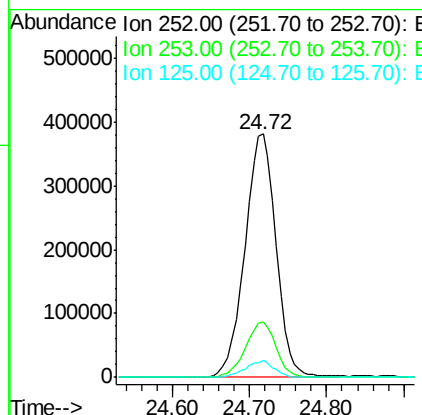
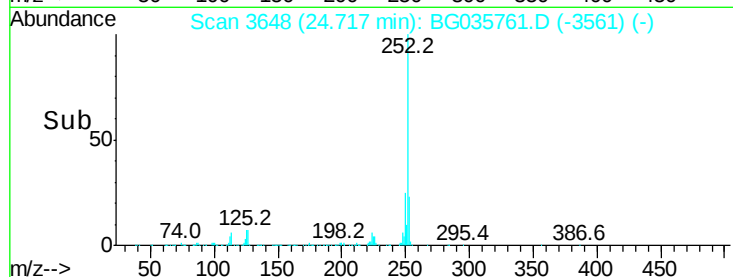
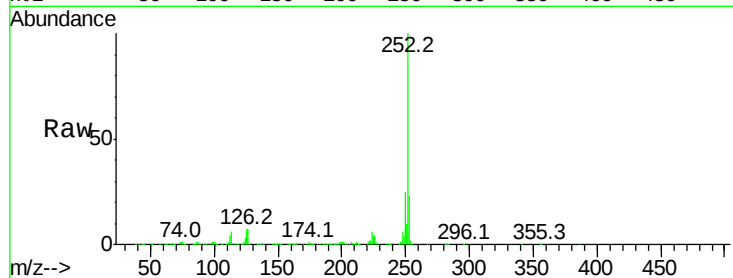
#89
Benzo(a)pyrene
Concen: 53.419 ng
RT: 24.72 min Scan# 3648
Delta R.T. -0.02 min
Lab File: BG035761.D
Acq: 19 Jul 2018 22:44

Instrument :
BNA_G
ClientSampleId :
SB1-12-0MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.3	27.5
125	6.9	7.3	10.9

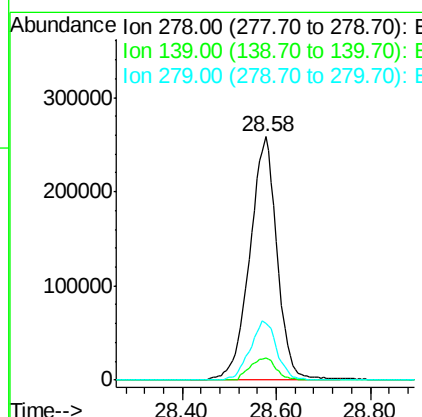
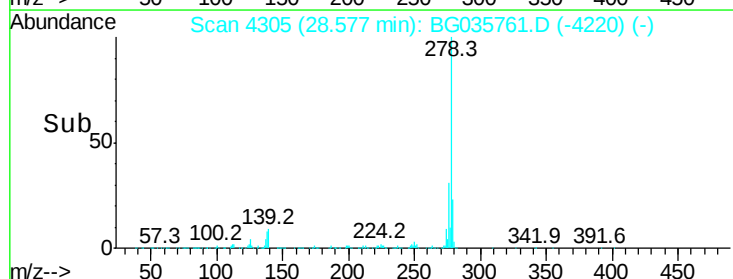
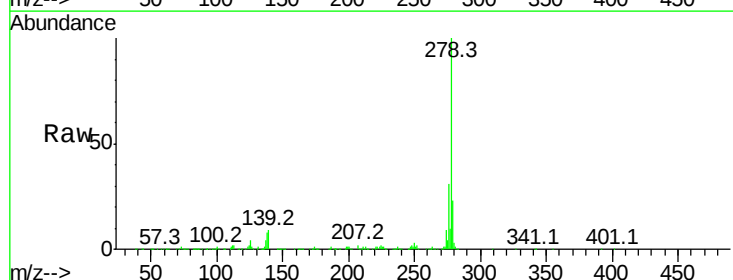
Manual Integrations
APPROVED

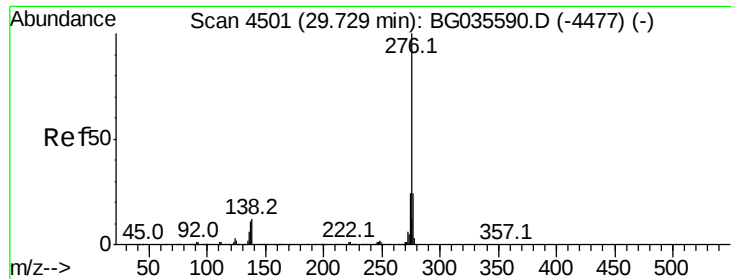
Sohil
7/20/2018 11:18:32 AM



#90
Dibenzo(a,h)anthracene
Concen: 52.717 ng
RT: 28.58 min Scan# 4305
Delta R.T. -0.03 min
Lab File: BG035761.D
Acq: 19 Jul 2018 22:44

Tgt Ion	Ratio	Lower	Upper
278	100		
139	9.1	9.8	14.6
279	23.5	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 54.471 ng
 RT: 29.65 min Scan# 4488
 Delta R.T. -0.04 min
 Lab File: BG035761.D
 Acq: 19 Jul 2018 22:44

Instrument :
 BNA_G
 ClientSampleId :
 SB1-12-0MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.1	18.3	27.5
138	12.3	13.9	20.9

Manual Integrations
 APPROVED

Sohil
 7/20/2018 11:18:32 AM

