

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061518\
 Data File : BG035190.D
 Acq On : 16 Jun 2018 2:49
 Operator : SJ/JU
 Sample : PB110191BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB110191BS

Manual Integrations
 APPROVED

Sohil
 6/18/2018 10:42:57 AM

Quant Time: Jun 16 04:11:43 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	39777	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	165566	20.00	ng	-0.01
38) Acenaphthene-d10	14.68	164	127501	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	352776	20.00	ng	-0.01
75) Chrysene-d12	21.70	240	371262	20.00	ng	-0.02
86) Perylene-d12	24.92	264	370689	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	348019	147.65	ng	0.00
7) Phenol-d6	7.22	99	532925	153.19	ng	0.00
23) Nitrobenzene-d5	9.23	82	339494	97.47	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	264104	161.81	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	824832	84.10	ng	-0.02
78) Terphenyl-d14	20.03	244	1565374	88.32	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.55	88	31697	28.186	ng	# 77
3) Pyridine	3.94	79	100239	33.035	ng	# 73
4) n-Nitrosodimethylamine	3.86	42	44556	34.181	ng	# 74
6) Aniline	7.39	93	134718	29.959	ng	96
8) 2-Chlorophenol	7.63	128	117239	47.453	ng	92
9) Benzaldehyde	7.20	77	81460	30.400	ng	95
10) Phenol	7.25	94	177917	49.419	ng	97
11) bis(2-Chloroethyl)ether	7.48	93	113092	40.472	ng	91
12) 1,3-Dichlorobenzene	7.95	146	121148	41.097	ng	96
13) 1,4-Dichlorobenzene	8.10	146	118422	38.916	ng	98
14) 1,2-Dichlorobenzene	8.42	146	116058	40.603	ng	98
15) Benzyl Alcohol	8.30	79	144050	43.700	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.59	45	127969	46.013	ng	74
17) 2-Methylphenol	8.50	107	120081	50.591	ng	# 91
18) Hexachloroethane	9.14	117	45206	41.495	ng	94
19) n-Nitroso-di-n-propylamine	8.86	70	110369	37.343	ng	# 85
20) 3+4-Methylphenols	8.82	107	168545	49.540	ng	94
22) Acetophenone	8.88	105	201260	39.242	ng	# 91
24) Nitrobenzene	9.27	77	165430	46.382	ng	# 95
25) Isophorone	9.78	82	324435	44.118	ng	99
26) 2-Nitrophenol	9.97	139	68819	55.977	ng	# 89
27) 2,4-Dimethylphenol	10.03	122	129209	50.000	ng	91
28) bis(2-Chloroethoxy)methane	10.27	93	171745	43.459	ng	99
29) 2,4-Dichlorophenol	10.51	162	148788	52.915	ng	92
30) 1,2,4-Trichlorobenzene	10.72	180	144616	42.892	ng	95
31) Naphthalene	10.92	128	365055	42.443	ng	98
32) Benzoic acid	10.15	122	82296	47.545	ng	94
33) 4-Chloroaniline	11.02	127	69728	18.671	ng	94
34) Hexachlorobutadiene	11.20	225	106548	40.634	ng	96
35) Caprolactam	11.79	113	55401m	53.313	ng	
36) 4-Chloro-3-methylphenol	12.13	107	184876	52.745	ng	96
37) 2-Methylnaphthalene	12.52	142	301253	46.198	ng	92
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	199481	42.004	ng	98
40) Hexachlorocyclopentadiene	12.86	237	274976	92.331	ng	97

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061518\
 Data File : BG035190.D
 Acq On : 16 Jun 2018 2:49
 Operator : SJ/JU
 Sample : PB110191BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 PB110191BS

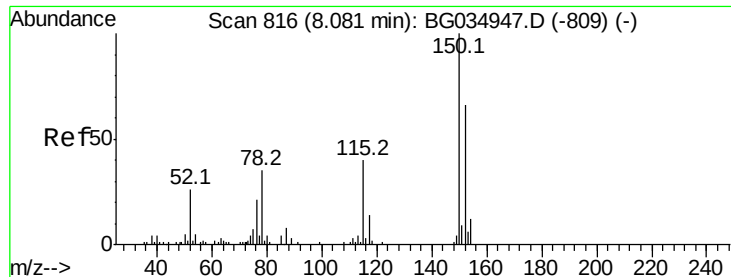
Manual Integrations
 APPROVED

Sohil
 6/18/2018 10:42:57 AM

Quant Time: Jun 16 04:11:43 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	141643	49.809	nq	97
43) 2,4,5-Trichlorophenol	13.19	196	153622	49.219	nq	99
45) 1,1'-Biphenyl	13.52	154	420073	40.973	nq	99
46) 2-Chloronaphthalene	13.56	162	334463	43.149	nq	97
47) 2-Nitroaniline	13.76	65	122183	53.380	nq	89
48) Acenaphthylene	14.41	152	569508	43.817	nq	97
49) Dimethylphthalate	14.14	163	474326	42.661	nq	100
50) 2,6-Dinitrotoluene	14.26	165	109371	53.920	nq	# 89
51) Acenaphthene	14.75	154	348294	41.013	nq	99
52) 3-Nitroaniline	14.58	138	68810	34.571	nq	# 95
53) 2,4-Dinitrophenol	14.79	184	80552	98.127	nq	# 63
54) Dibenzofuran	15.08	168	555826	43.701	nq	95
55) 4-Nitrophenol	14.89	139	165024	98.240	nq	# 87
56) 2,4-Dinitrotoluene	15.04	165	162882	60.450	nq	# 85
57) Fluorene	15.73	166	466760	43.912	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.31	232	159596	52.635	nq	95
59) Diethylphthalate	15.50	149	486433	42.882	nq	97
60) 4-Chlorophenyl-phenylether	15.72	204	265458	43.796	nq	98
61) 4-Nitroaniline	15.75	138	111406	52.191	nq	# 79
62) Azobenzene	16.02	77	489567	44.041	nq	95
64) 4,6-Dinitro-2-methylphenol	15.81	198	79347	49.263	nq	82
65) n-Nitrosodiphenylamine	15.94	169	432555	40.829	nq	99
66) 4-Bromophenyl-phenylether	16.62	248	187945	44.240	nq	99
67) Hexachlorobenzene	16.73	284	191057	44.185	nq	95
68) Atrazine	16.88	200	195617	43.298	nq	98
69) Pentachlorophenol	17.08	266	215492	74.113	nq	97
70) Phenanthrene	17.47	178	780894	43.576	nq	97
71) Anthracene	17.56	178	804869	44.838	nq	98
72) Carbazole	17.83	167	721503	43.320	nq	98
73) Di-n-butylphthalate	18.39	149	825150	41.566	nq	# 98
74) Fluoranthene	19.47	202	1029120	44.132	nq	96
76) Benzidine	19.65	184	354614	25.674	nq	98
77) Pyrene	19.84	202	1018869	41.629	nq	97
79) Butylbenzylphthalate	20.72	149	379142	42.661	nq	# 96
80) Benzo(a)anthracene	21.67	228	1037443	43.728	nq	99
81) 3,3'-Dichlorobenzidine	21.59	252	225312	25.243	nq	# 96
82) Chrysene	21.75	228	972701	44.780	nq	99
83) Bis(2-ethylhexyl)phthalate	21.58	149	520587	41.455	nq	99
84) Di-n-octyl phthalate	22.80	149	894363	41.513	nq	# 92
85) Indeno(1,2,3-cd)pyrene	28.61	276	1067184	41.948	nq	# 88
87) Benzo(b)fluoranthene	23.90	252	992831	43.492	nq	# 97
88) Benzo(k)fluoranthene	23.97	252	972680	43.558	nq	# 98
89) Benzo(a)pyrene	24.77	252	964825	44.916	nq	# 95
90) Dibenzo(a,h)anthracene	28.67	278	846281	39.910	nq	# 96
91) Benzo(g,h,i)perylene	29.76	276	870244	41.935	nq	# 94

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



#1

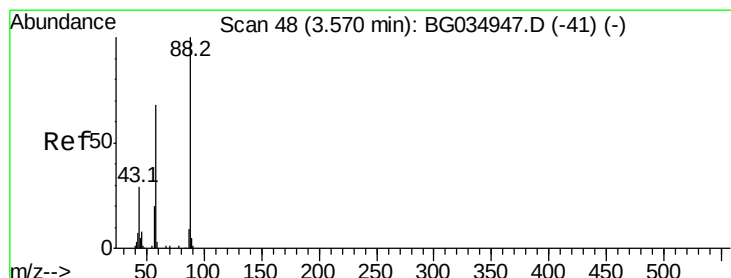
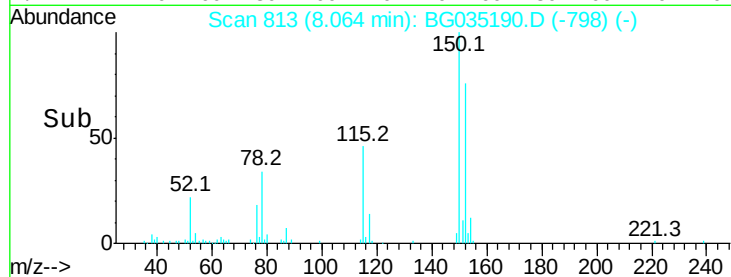
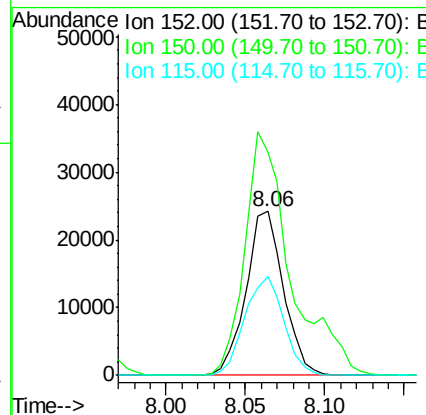
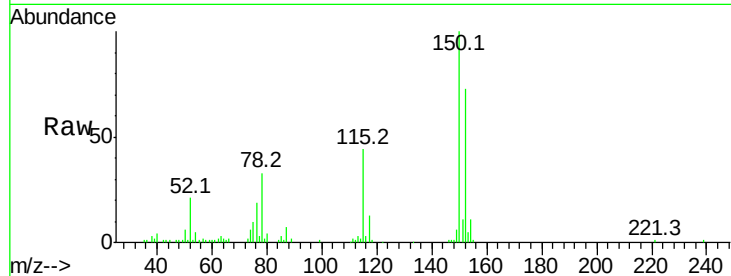
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035190.D
Acq: 16 Jun 2018 2:49

Instrument :
BNA_G
ClientSampleId :
PB110191BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	136.5	126.6	189.8
115	60.5	53.0	79.4

Manual Integrations
APPROVED

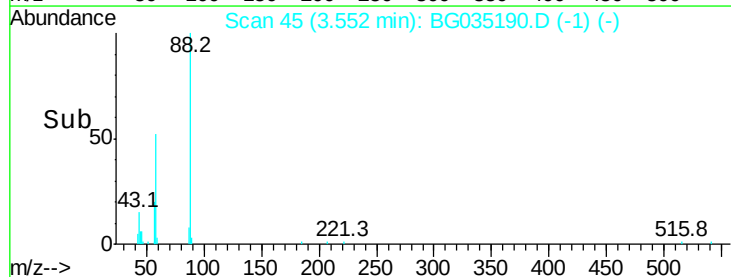
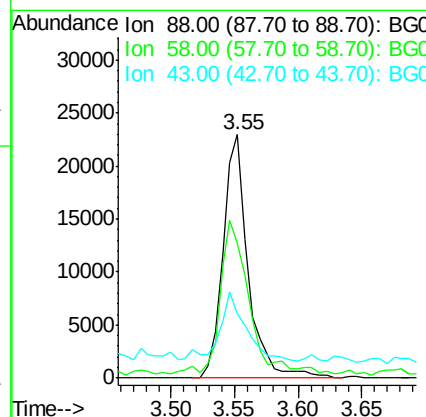
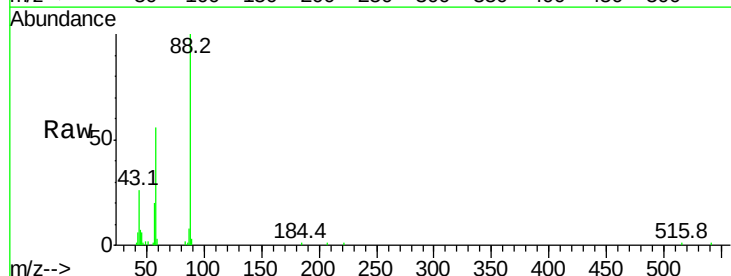
Sohil
6/18/2018 10:42:57 AM

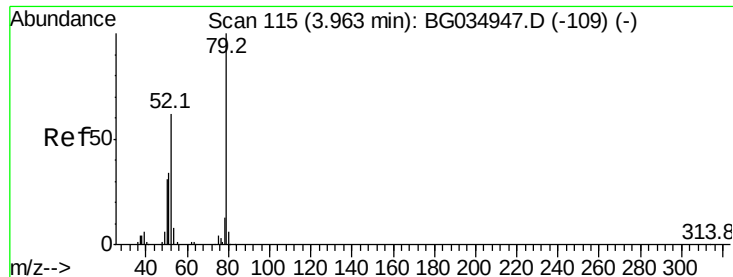


#2

1,4-Dioxane
Concen: 28.186 ng
RT: 3.55 min Scan# 45
Delta R.T. -0.01 min
Lab File: BG035190.D
Acq: 16 Jun 2018 2:49

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.8	79.6	119.4#
43	30.0	27.4	41.0





#3

Pvridine

Concen: 33.035 ng

RT: 3.94 min Scan# 111

Delta R.T. -0.02 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

Instrument :

BNA_G

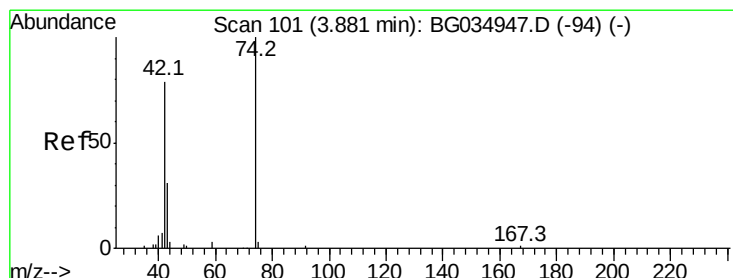
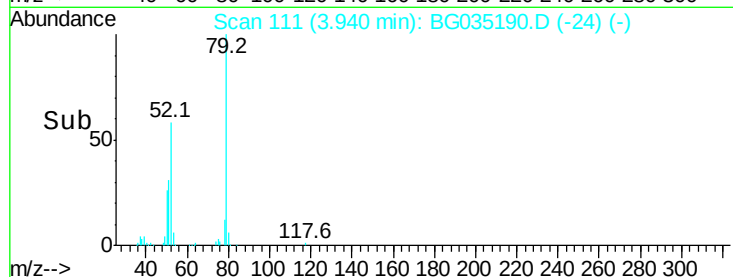
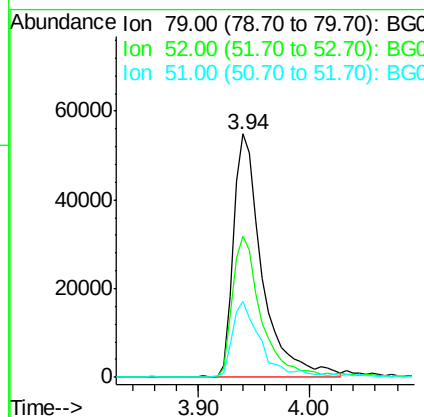
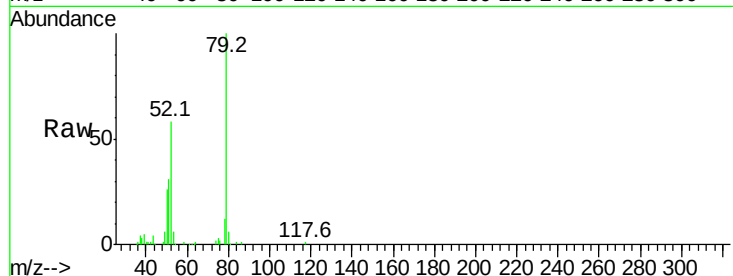
ClientSampleId :

PB110191BS

Tot Ion	79	Resp	100239
Ion Ratio	Lower	Upper	
79	100		
52	58.2	69.9	104.9#
51	30.9	34.0	51.0#

Manual Integrations
APPROVED

Sohil
6/18/2018 10:42:57 AM



#4

n-Nitrosodimethylamine

Concen: 34.181 ng

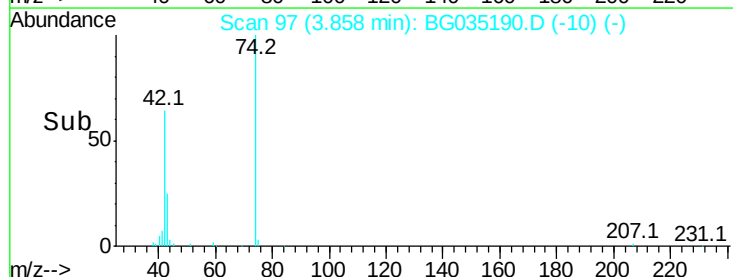
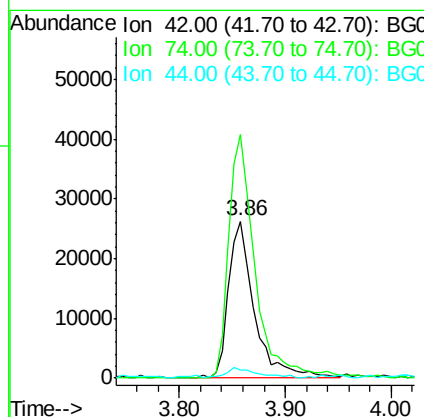
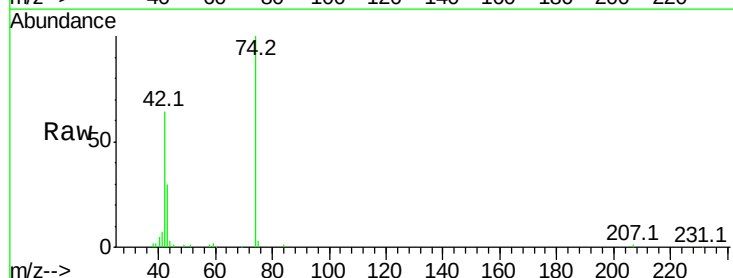
RT: 3.86 min Scan# 97

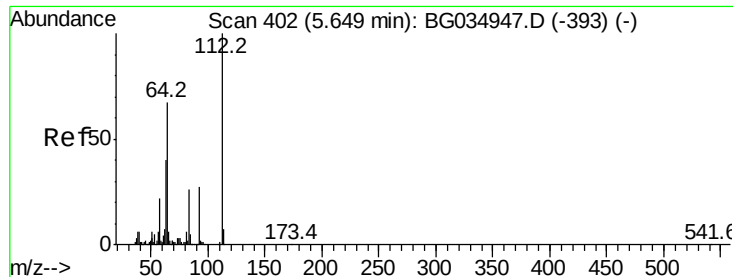
Delta R.T. -0.02 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

Tgt Ion	42	Resp	44556
Ion Ratio	Lower	Upper	
42	100		
74	155.2	102.5	153.7#
44	5.3	18.9	28.3#





#5

2-Fluorophenol

Concen: 147.653 ng

RT: 5.64 min Scan# 400

Delta R.T. -0.01 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

Instrument :

BNA_G

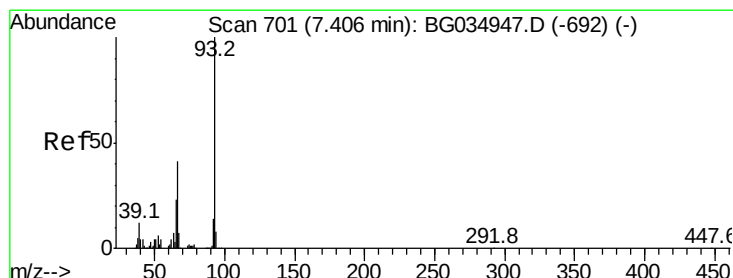
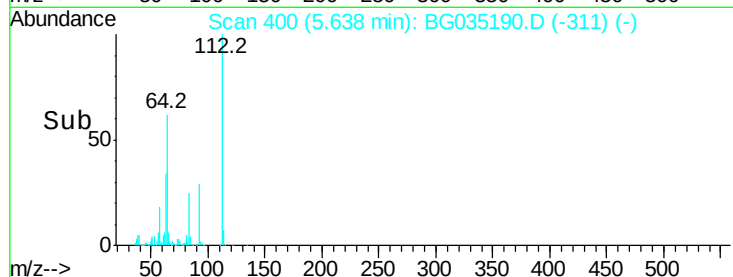
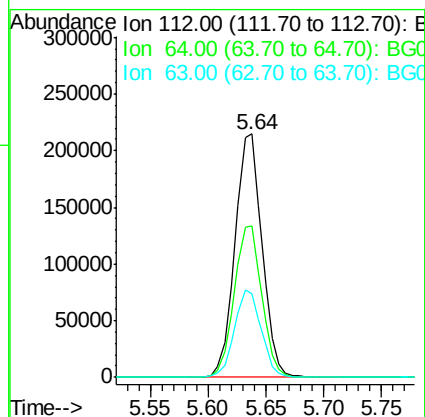
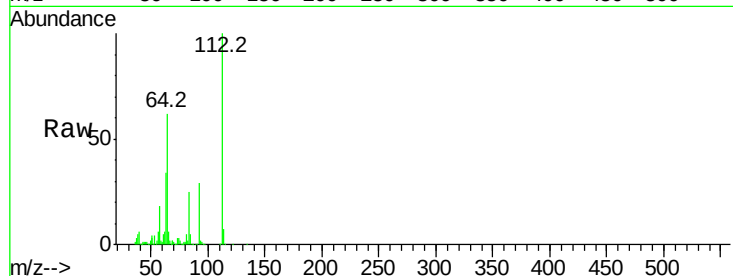
ClientSampleId :

PB110191BS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	348019		
64	62.0	56.3	84.5	
63	34.4	30.1	45.1	

Manual Integrations
APPROVED

Sohil
6/18/2018 10:42:57 AM



#6

Aniline

Concen: 29.959 ng

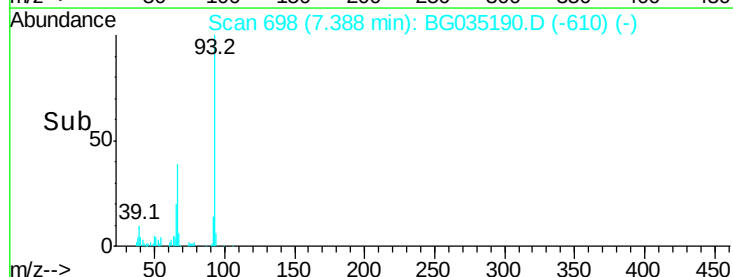
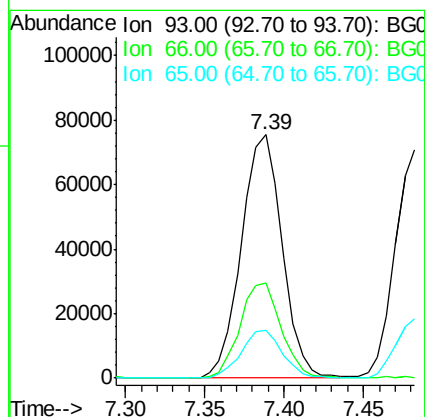
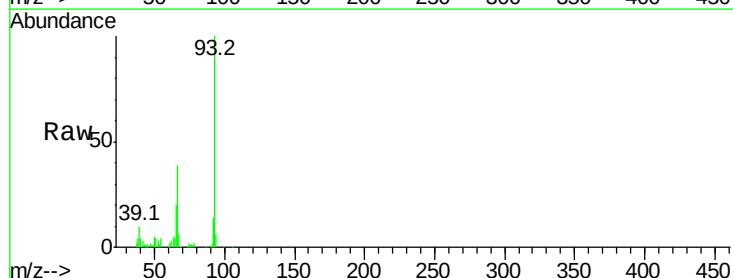
RT: 7.39 min Scan# 698

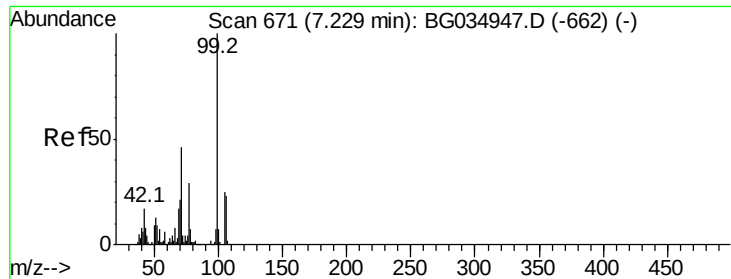
Delta R.T. -0.01 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	134718		
66	38.9	33.7	50.5	
65	19.8	16.1	24.1	





#7

Phenol-d6

Concen: 153.192 ng

RT: 7.22 min Scan# 670

Delta R.T. -0.00 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

Instrument :

BNA_G

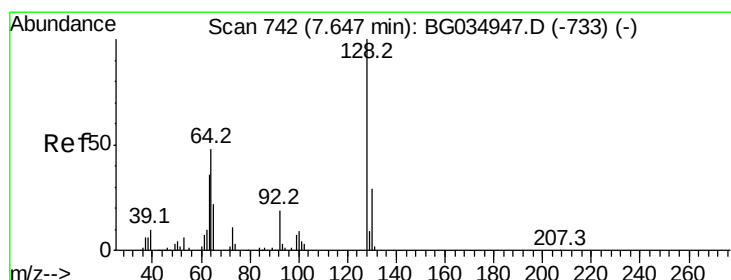
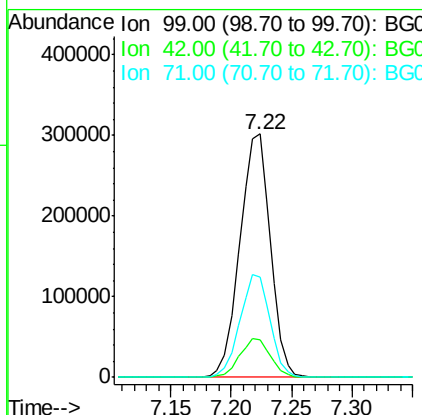
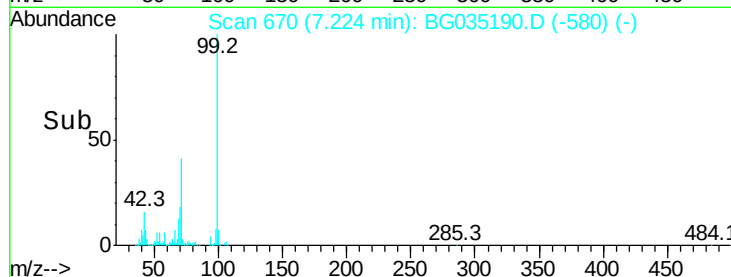
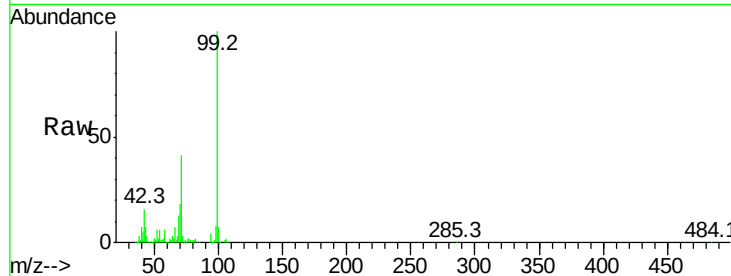
ClientSampleId :

PB110191BS

Tot Ion	Ratio	Resp	Lower	Upper
99	100	532925		
42	15.5	14.1	21.1	
71	41.3	26.1	39.1	

Manual Integrations
APPROVED

Sohil
6/18/2018 10:42:57 AM



#8

2-Chlorophenol

Concen: 47.453 ng

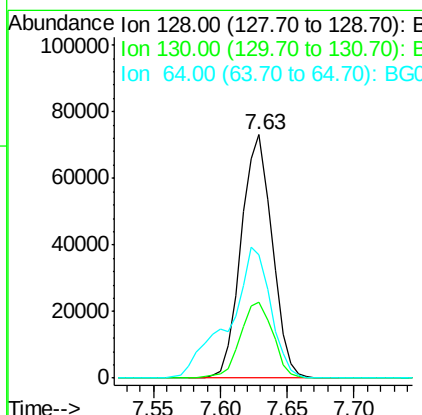
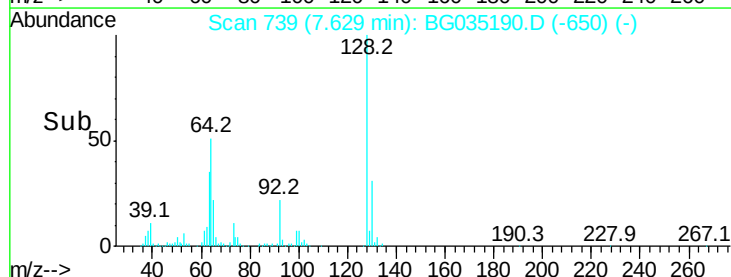
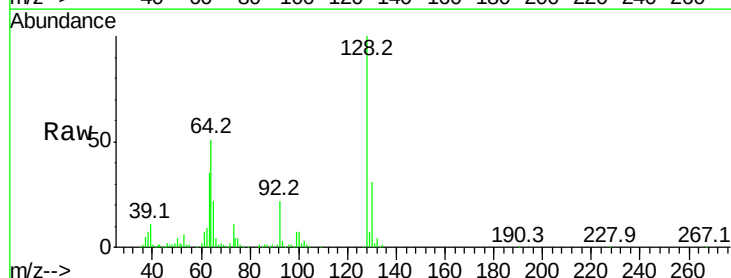
RT: 7.63 min Scan# 739

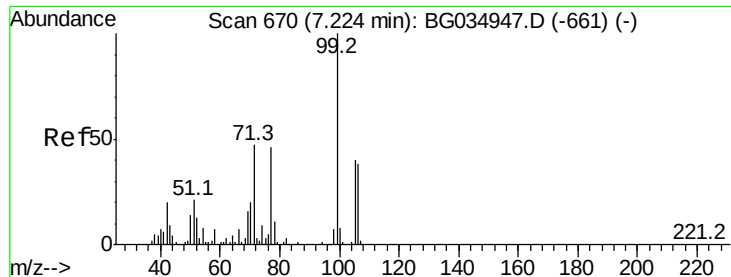
Delta R.T. -0.01 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	117239		
130	31.1	14.0	54.0	
64	50.7	37.7	77.7	





#9

Benzaldehyde

Concen: 30.400 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

Instrument :

BNA_G

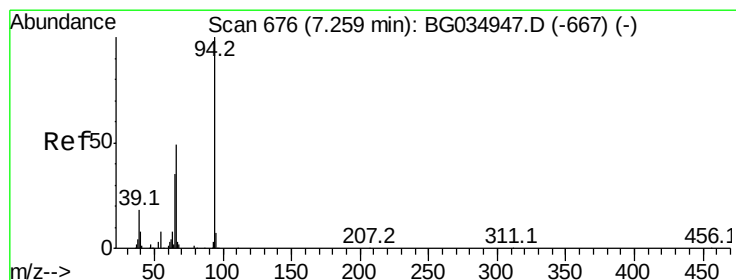
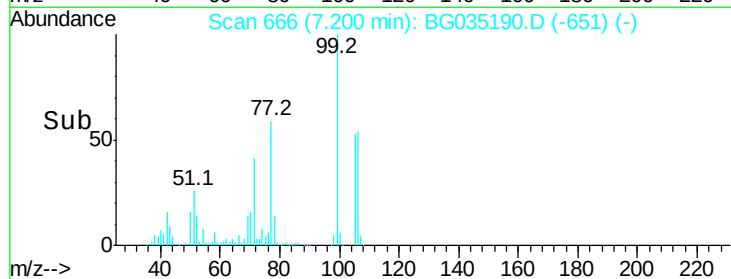
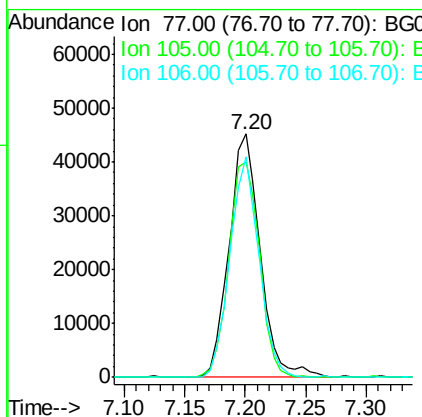
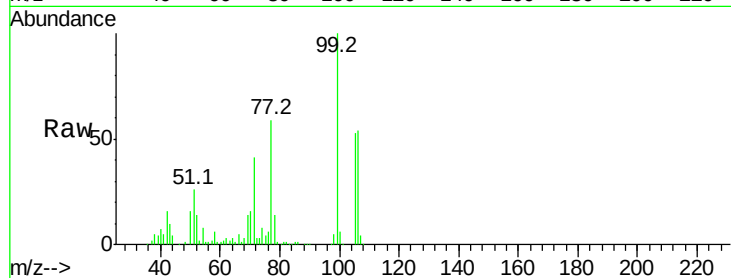
ClientSampleId :

PB110191BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	88.5	71.3	111.3
106	90.4	64.2	104.2

Manual Integrations
APPROVED

Sohil
6/18/2018 10:42:57 AM



#10

Phenol

Concen: 49.419 ng

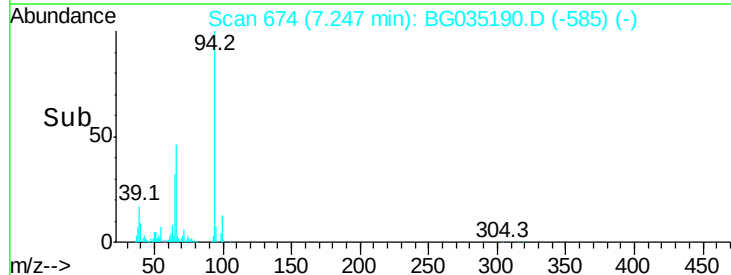
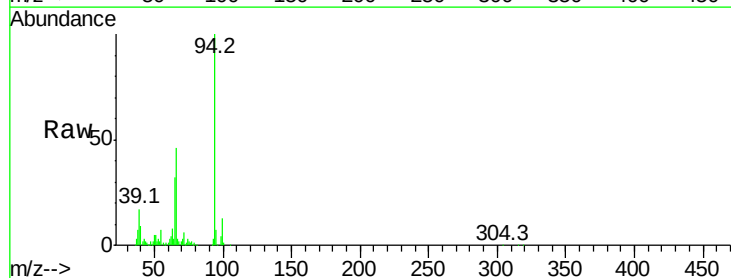
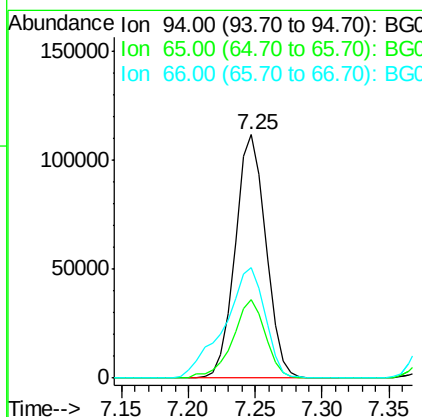
RT: 7.25 min Scan# 674

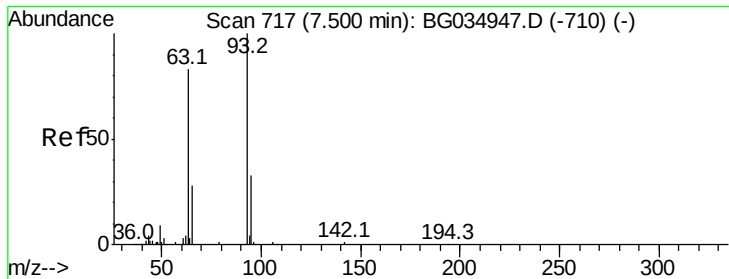
Delta R.T. -0.01 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.3	11.9	51.9
66	45.5	22.2	62.2





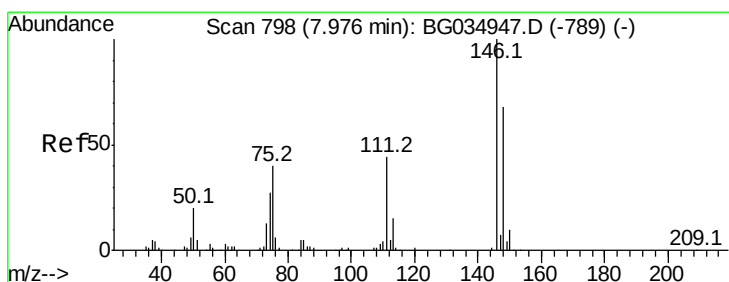
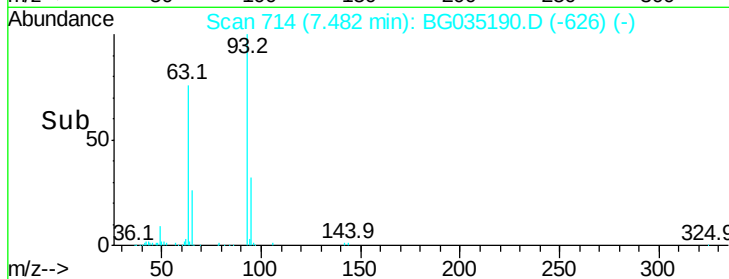
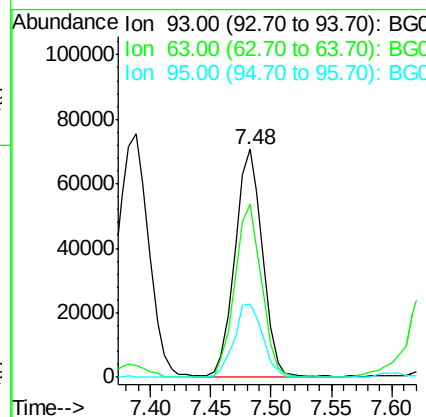
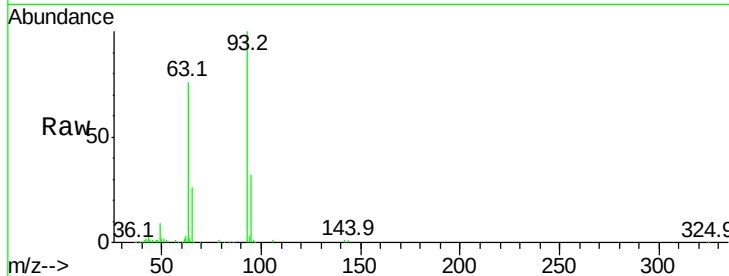
#11
bis(2-Chloroethyl)ether
Concen: 40.472 ng
RT: 7.48 min Scan# 714
Delta R.T. -0.01 min
Lab File: BG035190.D
Acq: 16 Jun 2018 2:49

Instrument :
BNA_G
ClientSampleId :
PB110191BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	76.2	67.1	107.1	
95	32.3	11.5	51.5	

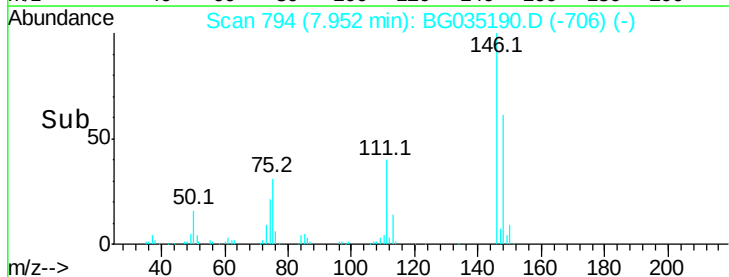
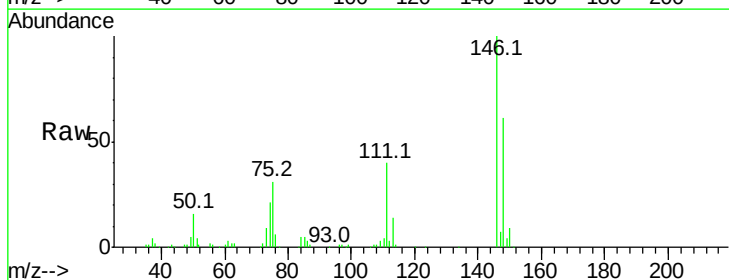
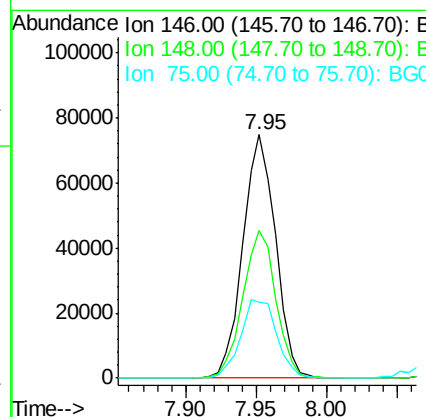
Manual Integrations
APPROVED

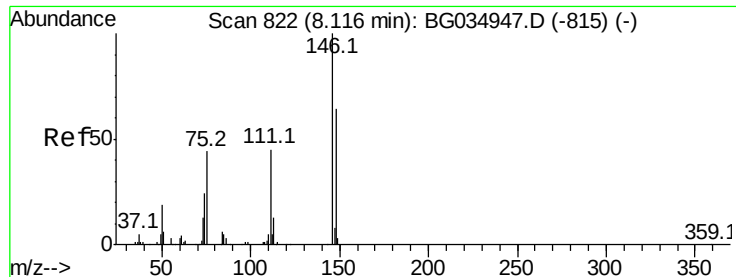
Sohil
6/18/2018 10:42:57 AM



#12
1,3-Dichlorobenzene
Concen: 41.097 ng
RT: 7.95 min Scan# 794
Delta R.T. -0.01 min
Lab File: BG035190.D
Acq: 16 Jun 2018 2:49

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	60.6	51.4	77.2	
75	31.0	26.6	39.8	





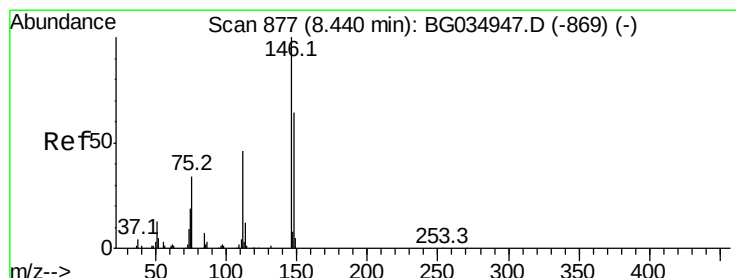
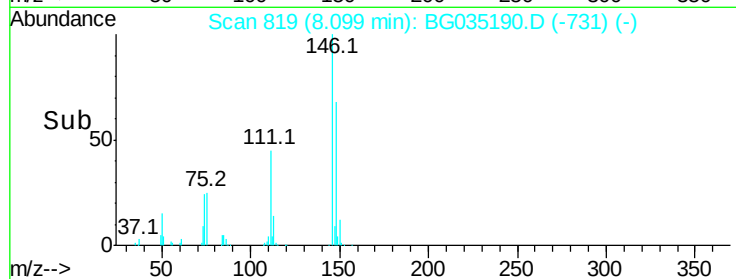
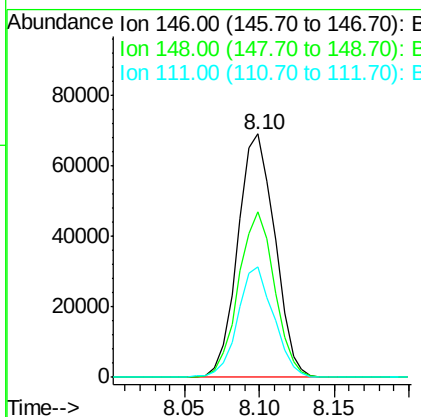
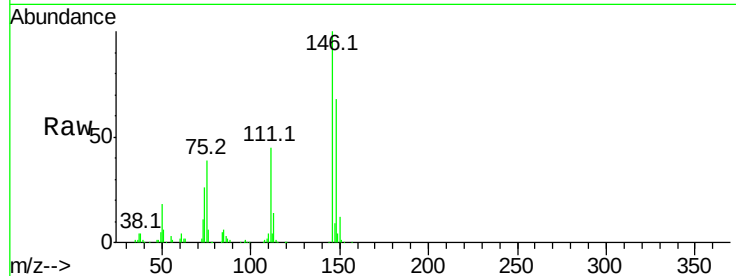
#13
1,4-Dichlorobenzene
Concen: 38.916 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG035190.D
Acq: 16 Jun 2018 2:49

Instrument :
BNA_G
ClientSampleId :
PB110191BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	68.1	53.7	80.5
111	45.2	35.2	52.8

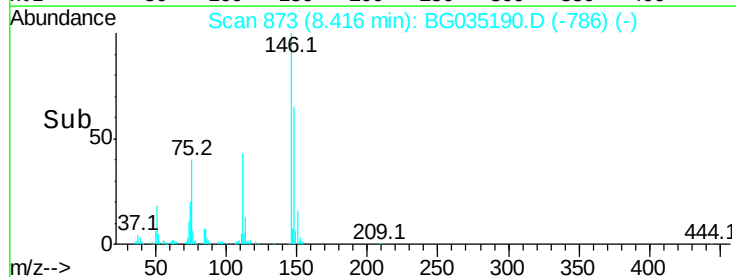
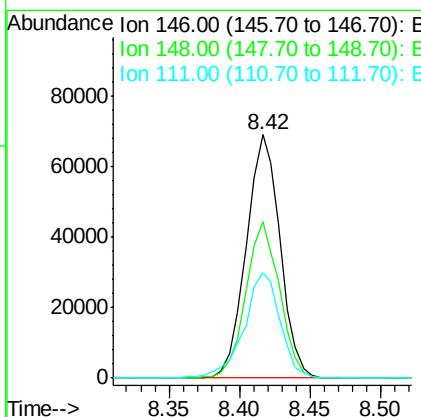
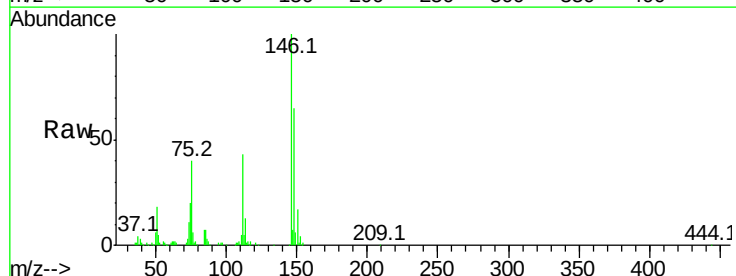
Manual Integrations
APPROVED

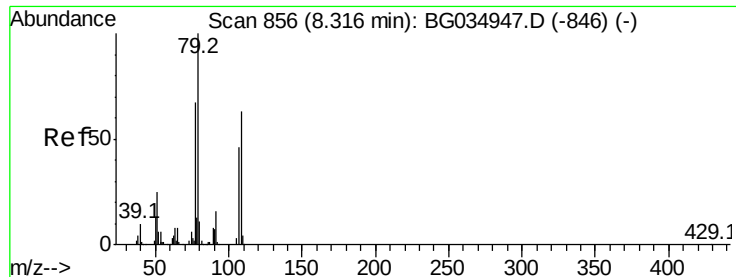
Sohil
6/18/2018 10:42:57 AM



#14
1,2-Dichlorobenzene
Concen: 40.603 ng
RT: 8.42 min Scan# 873
Delta R.T. -0.02 min
Lab File: BG035190.D
Acq: 16 Jun 2018 2:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	49.3	73.9
111	43.1	34.3	51.5





#15

Benzyl Alcohol

Concen: 43.700 ng

RT: 8.30 min Scan# 853

Delta R.T. -0.01 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

Instrument :

BNA_G

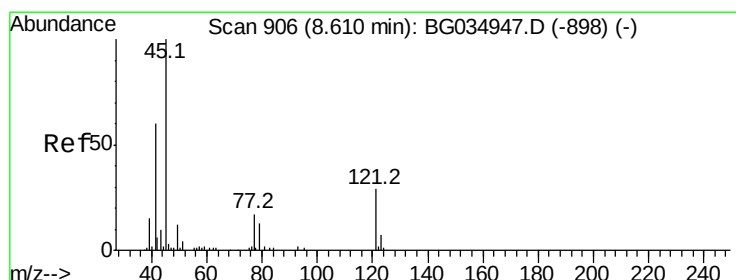
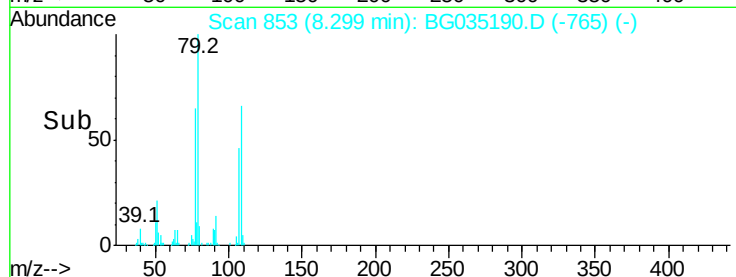
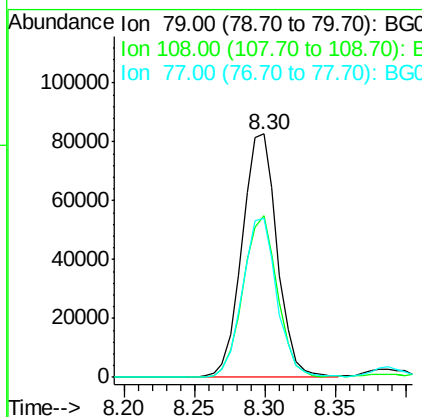
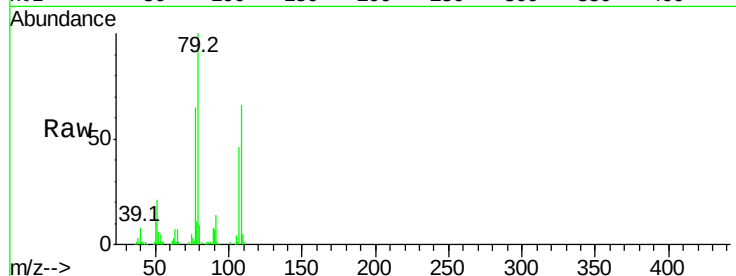
ClientSampled :

PB110191BS

Tot Ion:	79	Resp:	144050
Ion Ratio	Lower	Upper	
79	100		
108	66.5	57.2	85.8
77	65.3	46.1	69.1

Manual Integrations
APPROVED

Sohil
6/18/2018 10:42:57 AM



#16

2,2'-oxybis(1-chloropropane)

Concen: 46.013 ng

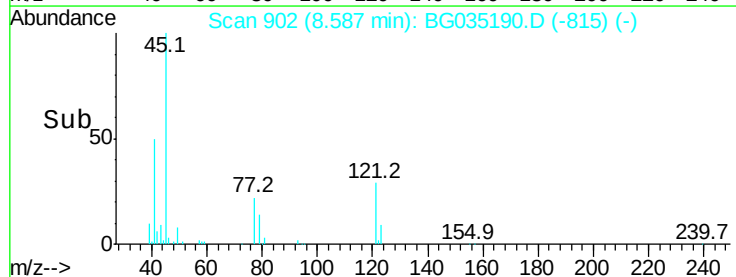
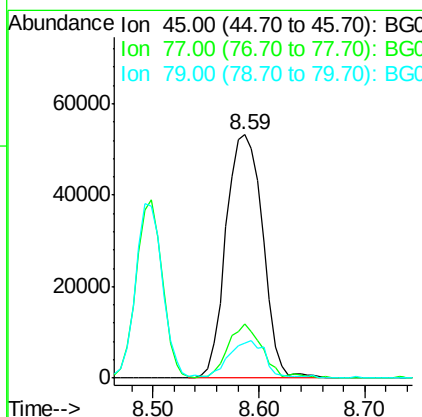
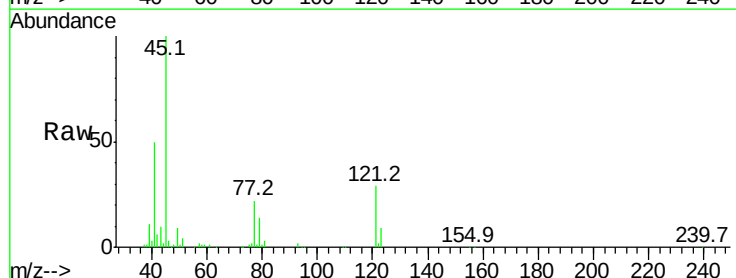
RT: 8.59 min Scan# 902

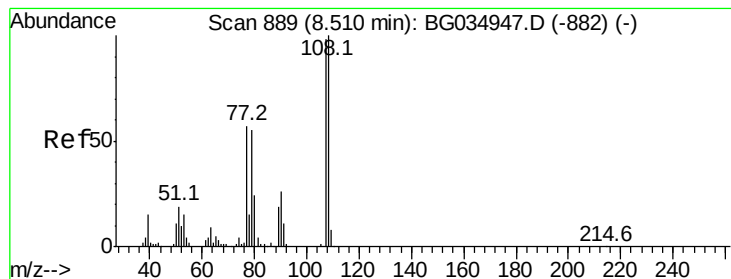
Delta R.T. -0.02 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

Tgt Ion:	45	Resp:	127969
Ion Ratio	Lower	Upper	
45	100		
77	22.3	0.0	30.2
79	14.4	0.0	27.9





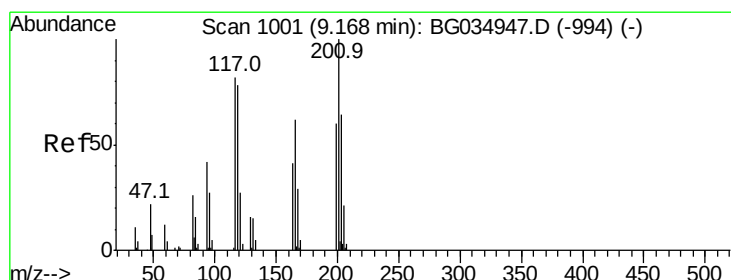
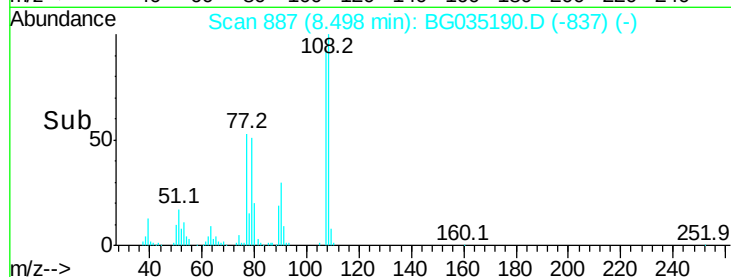
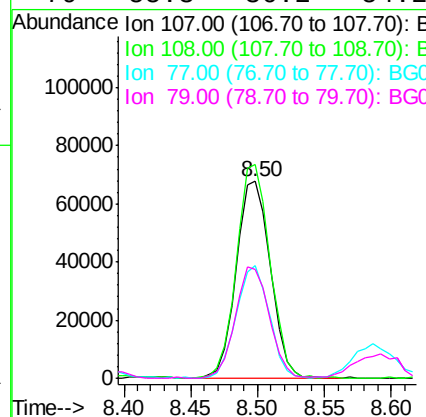
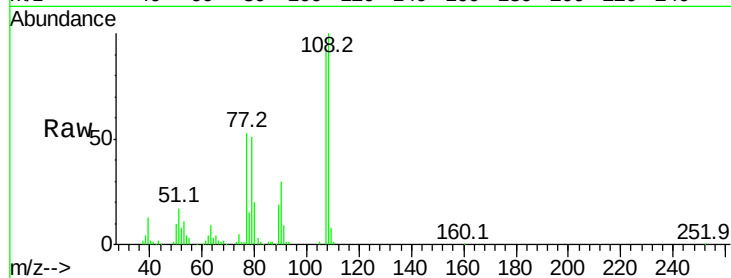
#17
2-Methylphenol
Concen: 50.591 ng
RT: 8.50 min Scan# 887
Delta R.T. -0.01 min
Lab File: BG035190.D
Acq: 16 Jun 2018 2:49

Instrument :
BNA_G
ClientSampleId :
PB110191BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	108.4	83.9	125.9
77	57.4	37.2	55.8#
79	55.3	36.2	54.2#

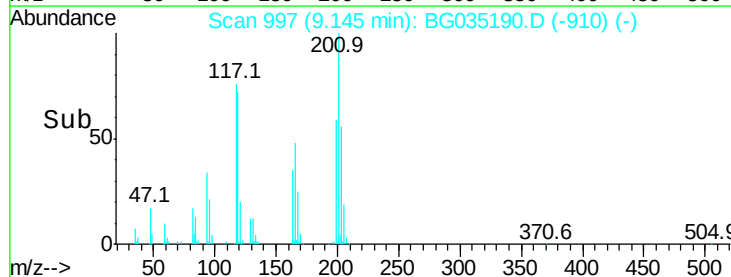
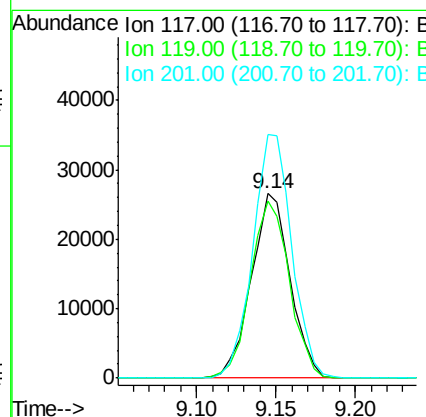
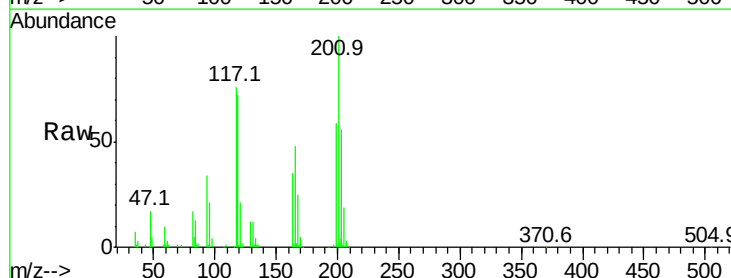
Manual Integrations
APPROVED

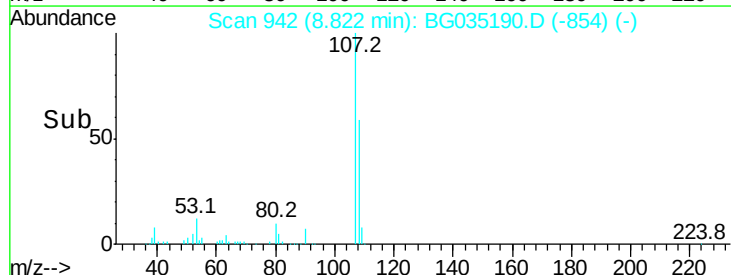
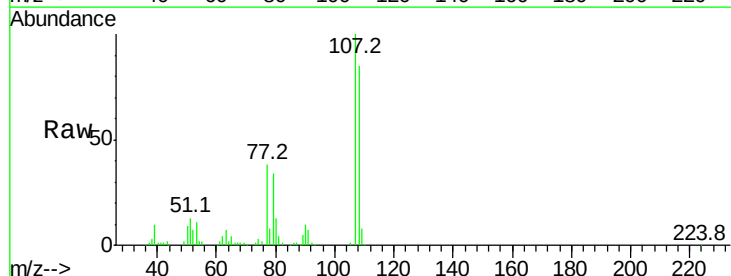
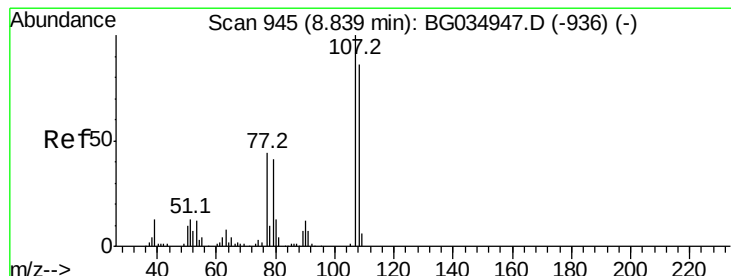
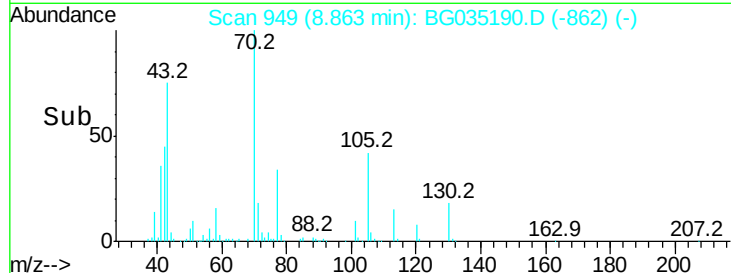
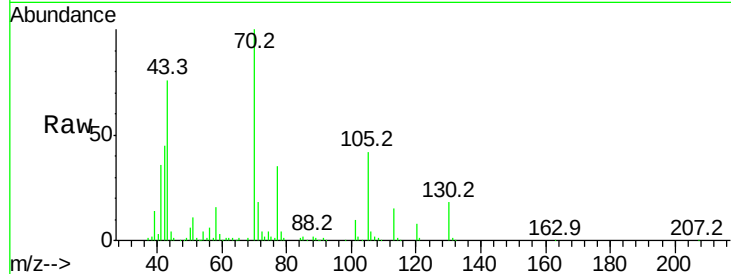
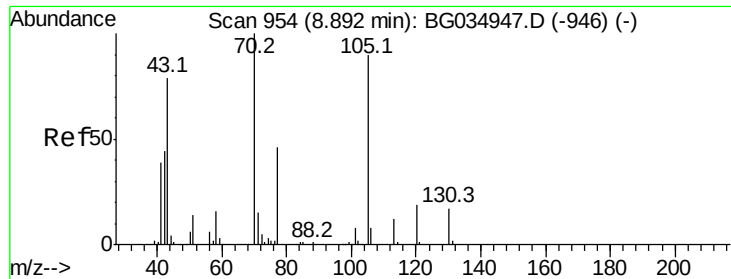
Sohil
6/18/2018 10:42:57 AM



#18
Hexachloroethane
Concen: 41.495 ng
RT: 9.14 min Scan# 997
Delta R.T. -0.02 min
Lab File: BG035190.D
Acq: 16 Jun 2018 2:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	76.7	115.1
201	132.1	95.7	143.5





#19

n-Nitroso-di-n-propylamine

Concen: 37.343 ng

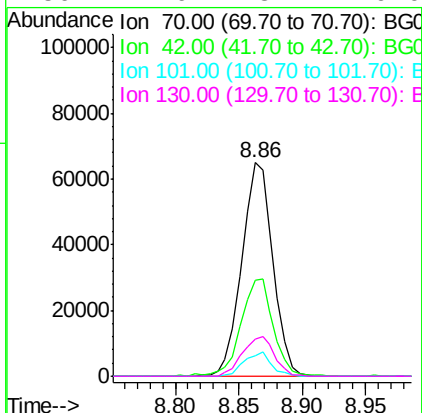
RT: 8.86 min Scan# 949

Delta R.T. -0.02 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

Tot Ion	Ratio	Lower	Upper
70	100		
42	45.2	49.1	73.7#
101	9.7	8.5	12.7
130	17.6	13.4	20.0



Instrument :

BNA_G

ClientSampled :

PB110191BS

Manual Integrations
APPROVED

Sohil
6/18/2018 10:42:57 AM

#20

3+4-Methylphenols

Concen: 49.540 ng

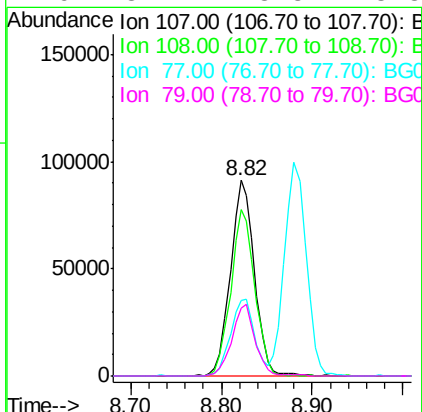
RT: 8.82 min Scan# 942

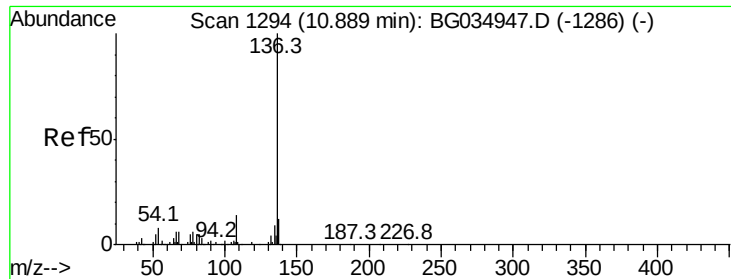
Delta R.T. -0.01 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.1	61.6	101.6
77	38.4	13.9	53.9
79	34.4	8.8	48.8





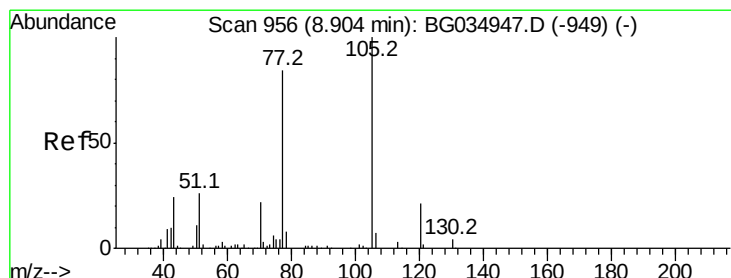
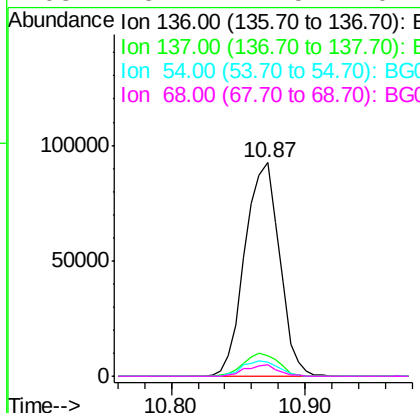
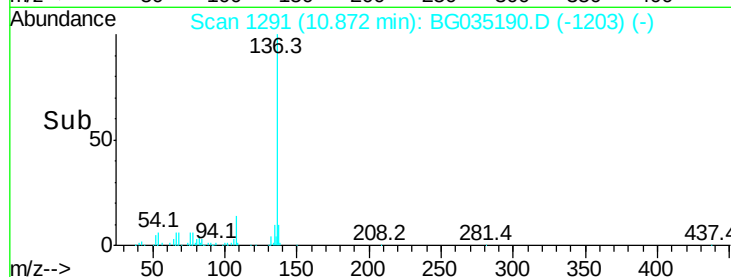
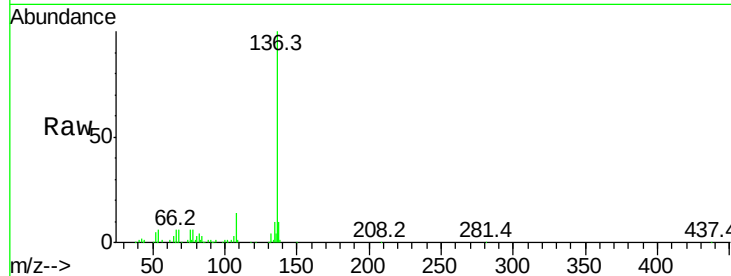
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BG035190.D
Acq: 16 Jun 2018 2:49

Instrument :
BNA_G
ClientSampleId :
PB110191BS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	9.9	9.2	13.8
54	6.5	10.3	15.5#
68	5.7	4.5	6.7

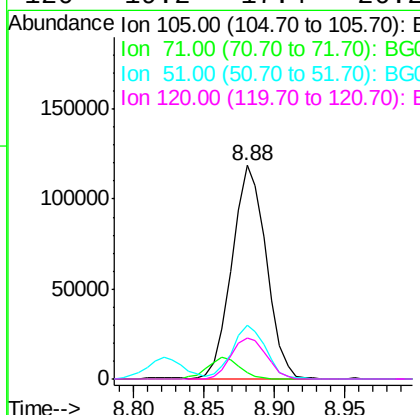
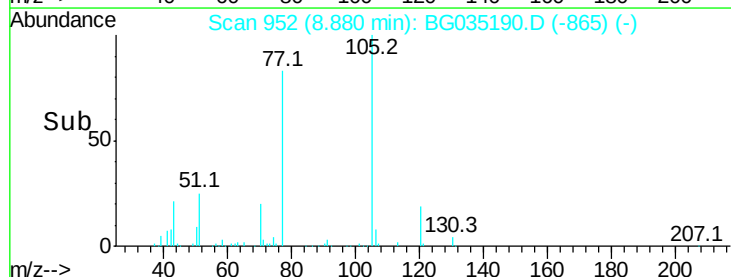
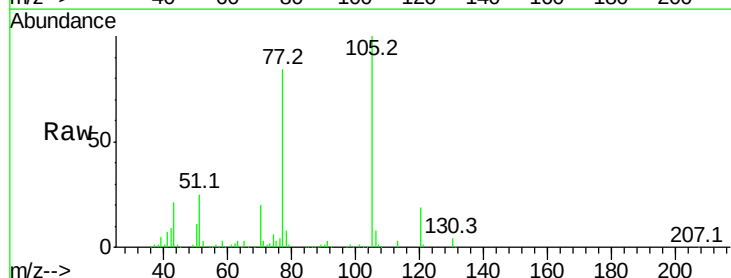
Manual Integrations
APPROVED

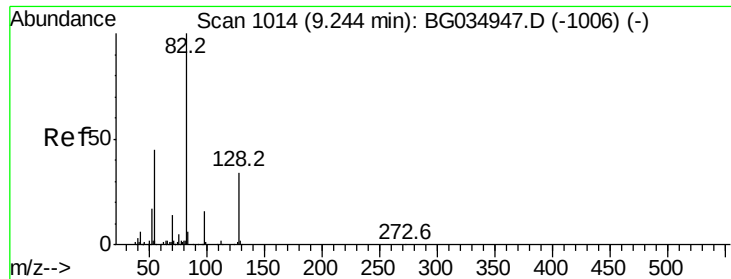
Sohil
6/18/2018 10:42:57 AM



#22
Acetophenone
Concen: 39.242 ng
RT: 8.88 min Scan# 952
Delta R.T. -0.02 min
Lab File: BG035190.D
Acq: 16 Jun 2018 2:49

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	3.1	3.0	4.4
51	25.4	26.1	39.1#
120	19.2	17.4	26.2





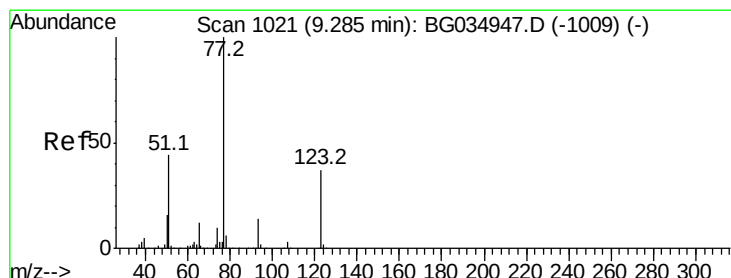
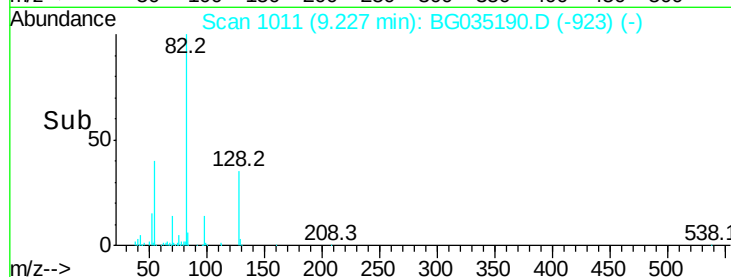
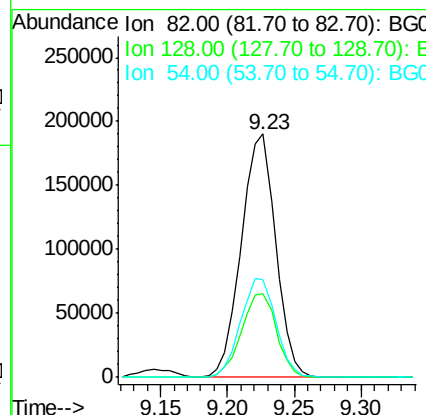
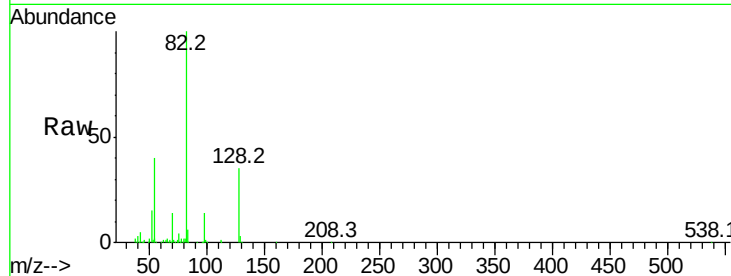
#23
 Nitrobenzene-d5
 Concen: 97.469 ng
 RT: 9.23 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BG035190.D
 Acq: 16 Jun 2018 2:49

Instrument :
 BNA_G
 ClientSampleId :
 PB110191BS

Tot Ion	82	Resp	339494
Ion Ratio	Lower	Upper	
82	100		
128	34.6	29.7	44.5
54	40.3	43.1	64.7#

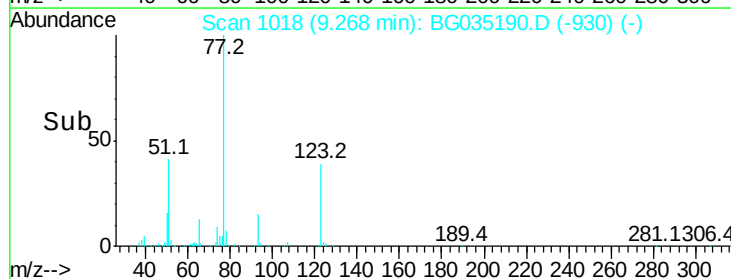
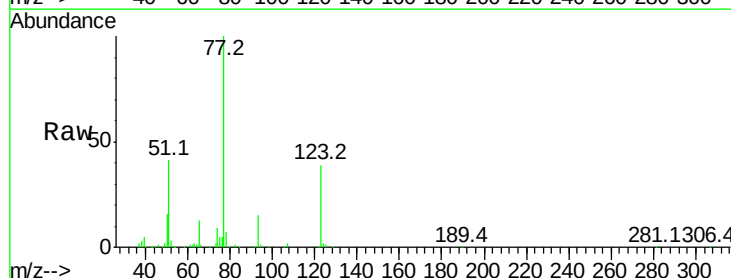
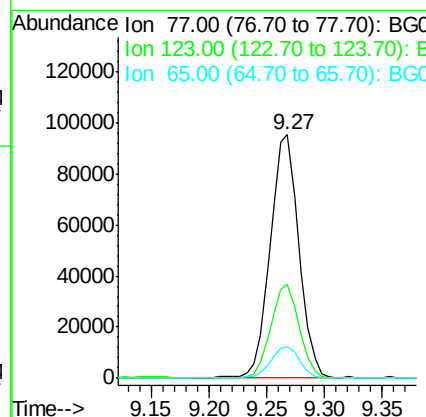
Manual Integrations
 APPROVED

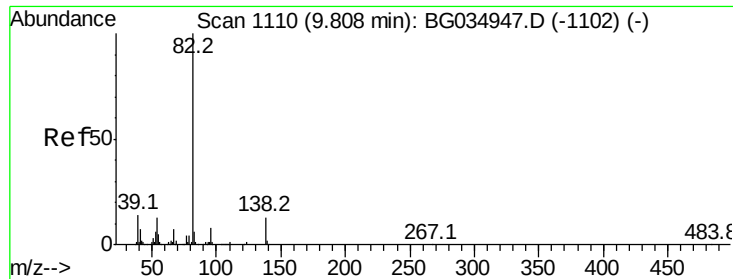
Sohil
 6/18/2018 10:42:57 AM



#24
 Nitrobenzene
 Concen: 46.382 ng
 RT: 9.27 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BG035190.D
 Acq: 16 Jun 2018 2:49

Tgt Ion	77	Resp	165430
Ion Ratio	Lower	Upper	
77	100		
123	38.8	33.0	49.6
65	12.6	13.0	19.6#





#25

Isophorone

Concen: 44.118 ng

RT: 9.78 min Scan# 1106

Delta R.T. -0.02 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

Instrument :

BNA_G

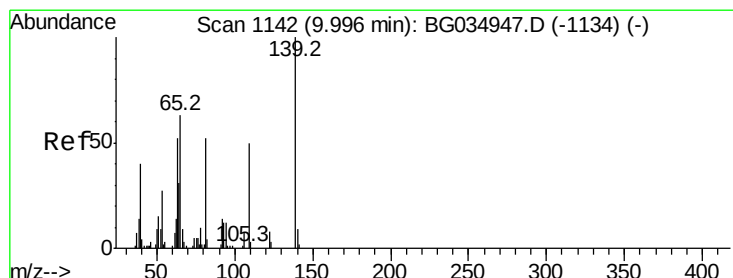
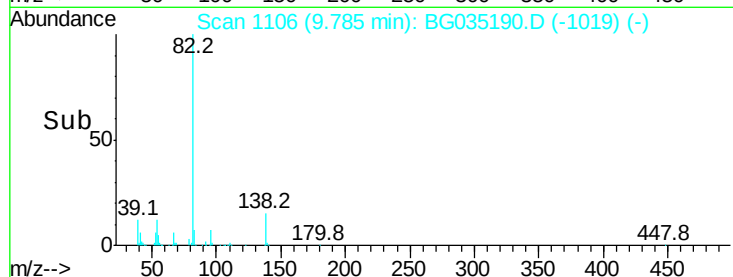
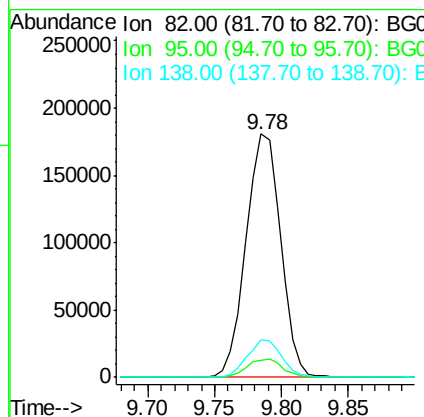
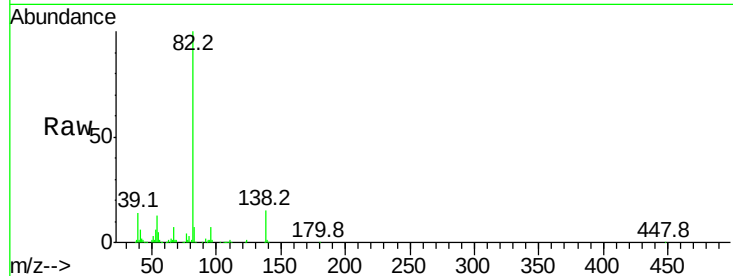
ClientSampleId :

PB110191BS

Tot Ion:	82	Resp:	324435
Ion Ratio	Lower	Upper	
82	100		
95	6.8	6.2	9.2
138	15.2	12.1	18.1

Manual Integrations
APPROVED

Sohil
6/18/2018 10:42:57 AM



#26

2-Nitrophenol

Concen: 55.977 ng

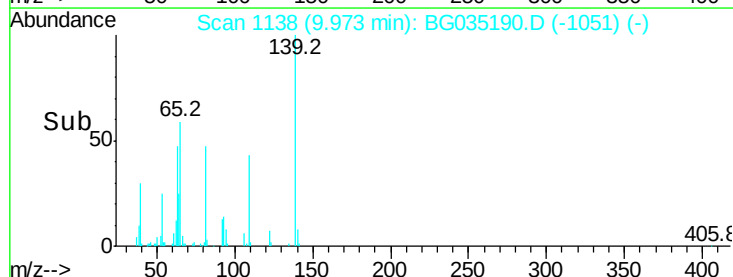
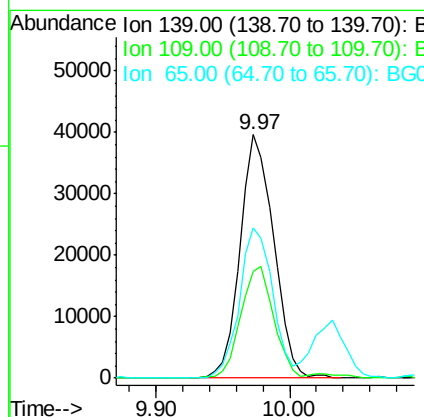
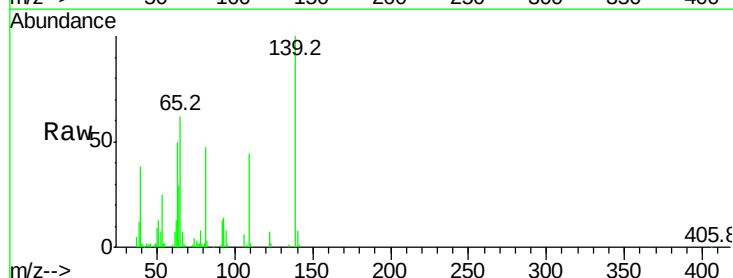
RT: 9.97 min Scan# 1138

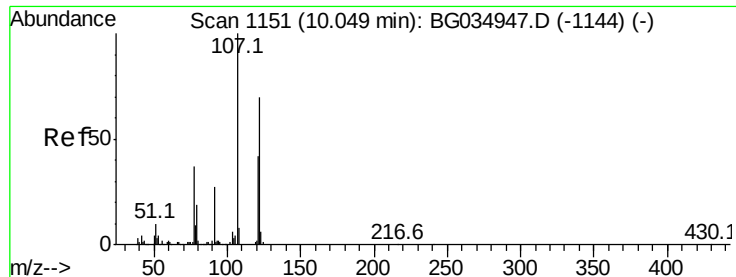
Delta R.T. -0.02 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

Tgt Ion:	139	Resp:	68819
Ion Ratio	Lower	Upper	
139	100		
109	43.8	24.2	36.2#
65	61.8	47.4	71.0





#27

2,4-Dimethylphenol

Concen: 50.000 ng

RT: 10.03 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

Instrument :

BNA_G

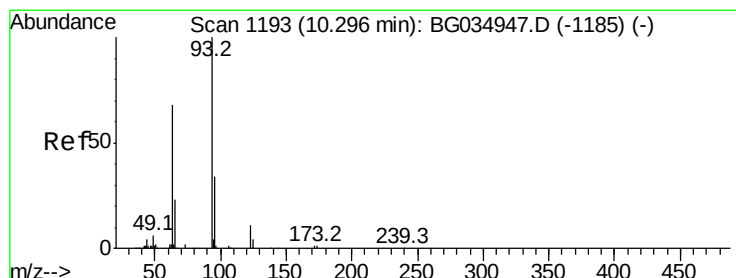
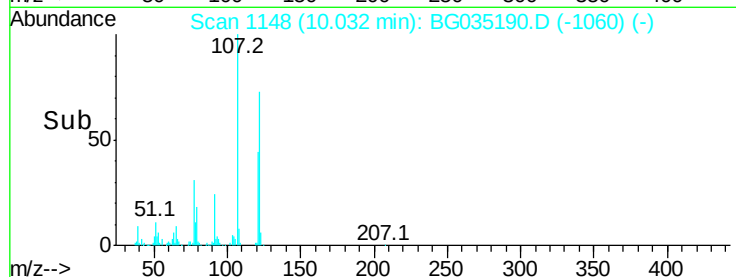
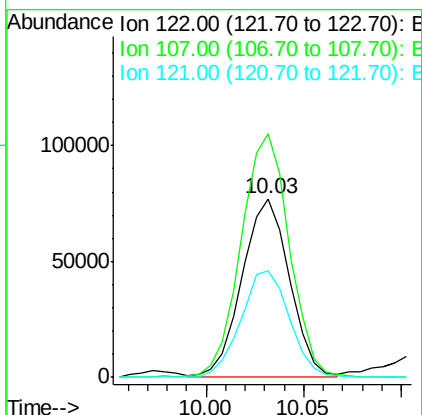
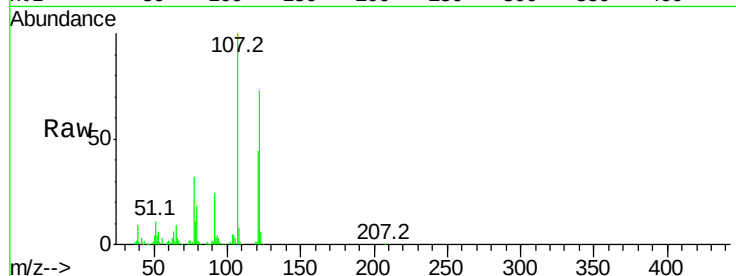
ClientSampleId :

PB110191BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	136.4	100.2	150.2
121	60.0	44.4	66.6

Manual Integrations
APPROVED

Sohil
6/18/2018 10:42:57 AM



#28

bis(2-Chloroethoxy)methane

Concen: 43.459 ng

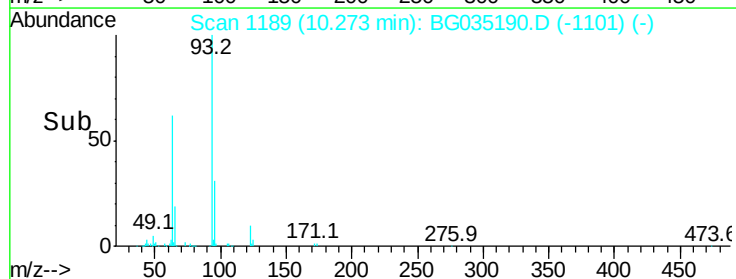
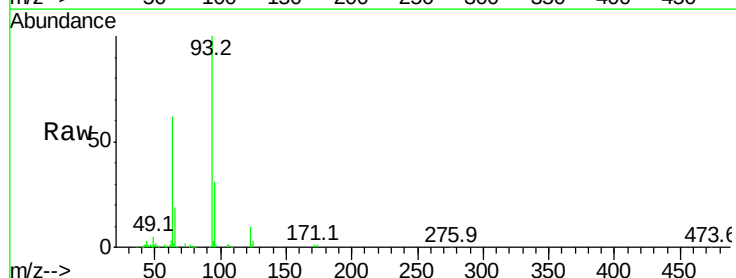
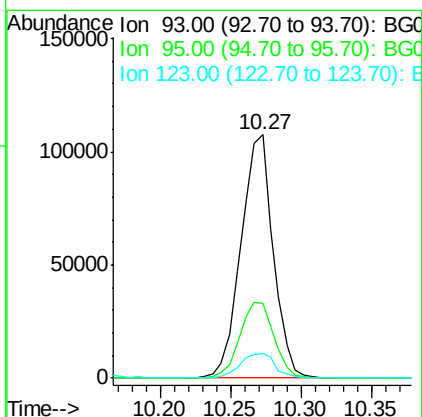
RT: 10.27 min Scan# 1189

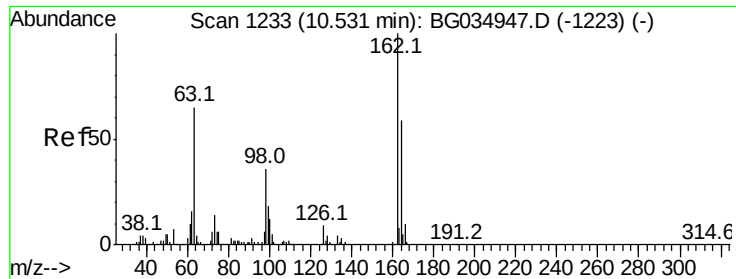
Delta R.T. -0.01 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.8	24.3	36.5
123	10.0	8.4	12.6





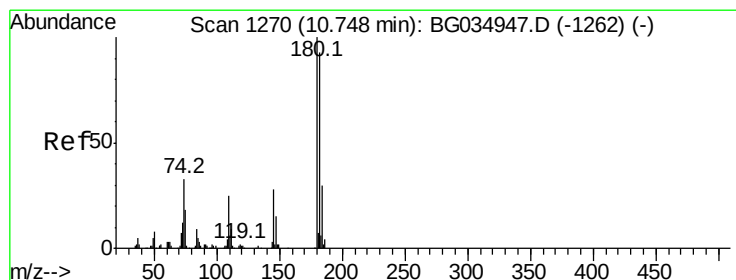
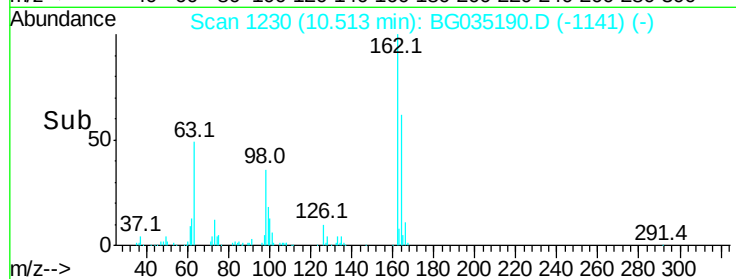
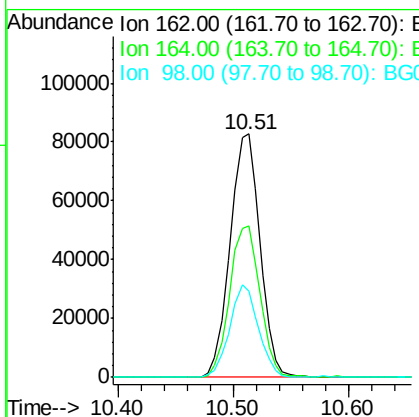
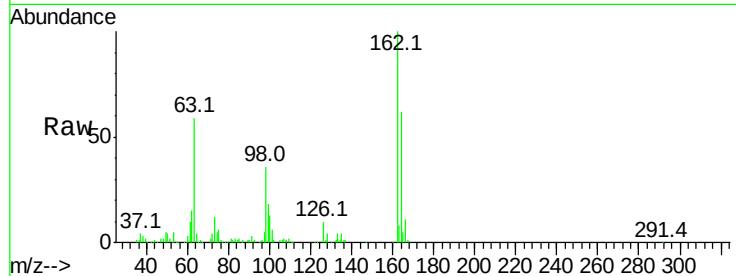
#29
2,4-Dichlorophenol
Concen: 52.915 ng
RT: 10.51 min Scan# 1230
Delta R.T. -0.01 min
Lab File: BG035190.D
Acq: 16 Jun 2018 2:49

Instrument :
BNA_G
ClientSampled :
PB110191BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	62.0	48.0	88.0
98	35.5	21.1	61.1

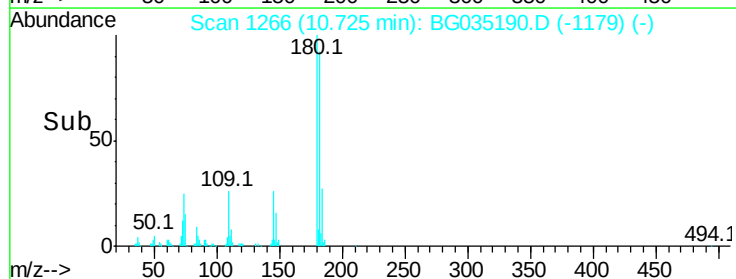
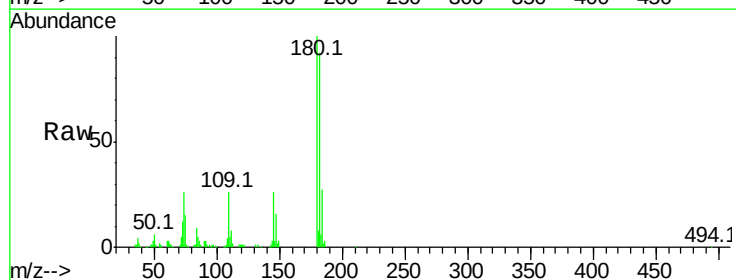
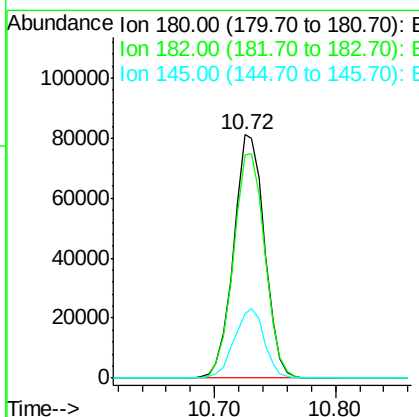
Manual Integrations
APPROVED

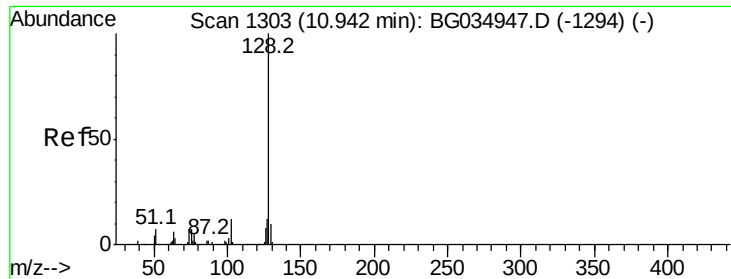
Sohil
6/18/2018 10:42:57 AM



#30
1,2,4-Trichlorobenzene
Concen: 42.892 ng
RT: 10.72 min Scan# 1266
Delta R.T. -0.02 min
Lab File: BG035190.D
Acq: 16 Jun 2018 2:49

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	91.9	77.5	116.3
145	26.2	23.4	35.2





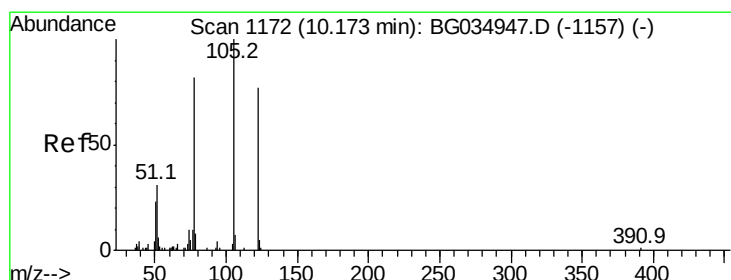
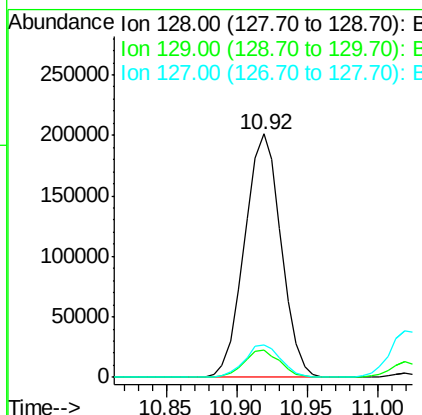
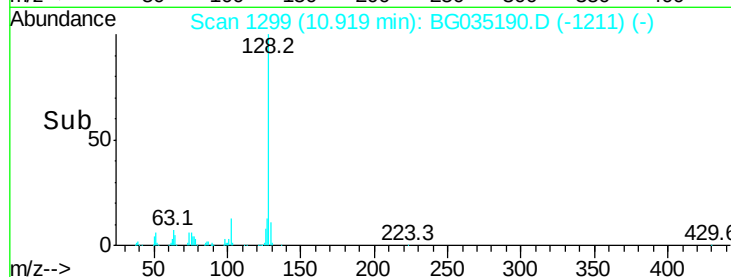
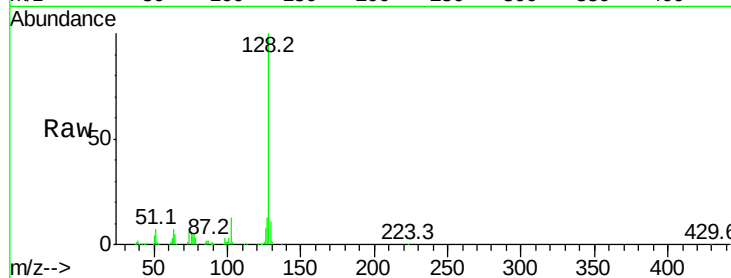
#31
Naphthalene
Concen: 42.443 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG035190.D
Acq: 16 Jun 2018 2:49

Instrument :
BNA_G
ClientSampleId :
PB110191BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.0	8.6	12.8	
127	13.5	11.6	17.4	

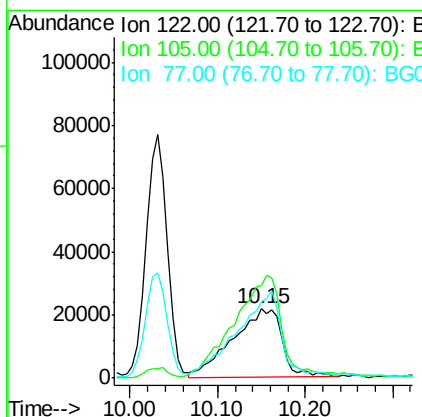
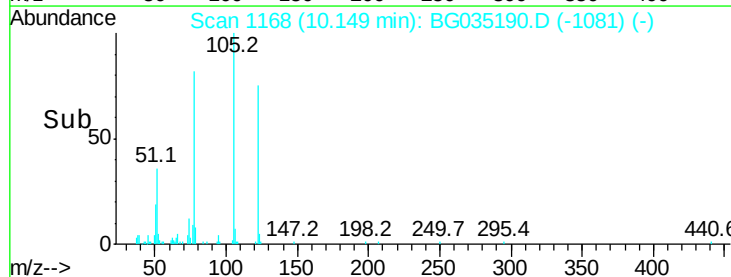
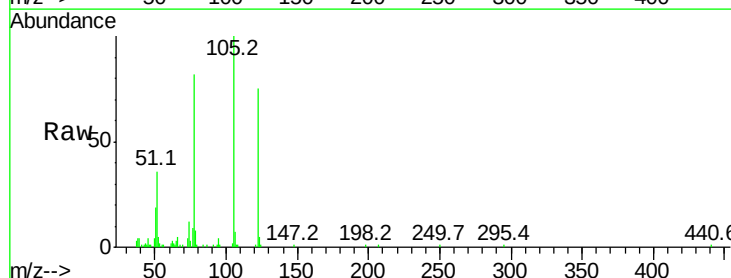
Manual Integrations
APPROVED

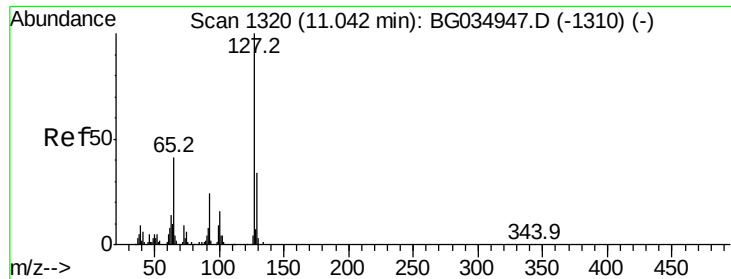
Sohil
6/18/2018 10:42:57 AM



#32
Benzoic acid
Concen: 47.545 ng
RT: 10.15 min Scan# 1168
Delta R.T. -0.02 min
Lab File: BG035190.D
Acq: 16 Jun 2018 2:49

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	133.9	123.5	163.5	
77	110.3	85.7	125.7	





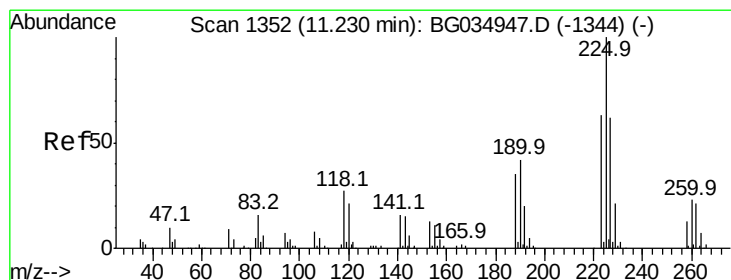
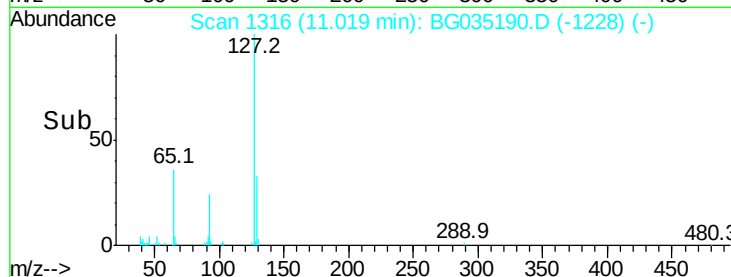
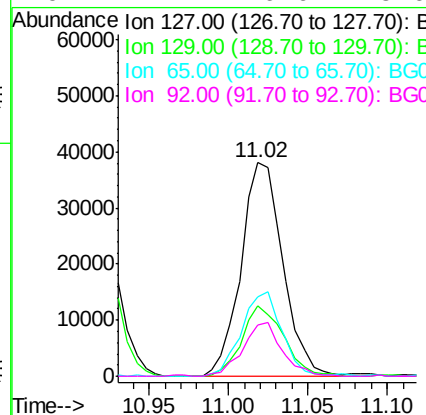
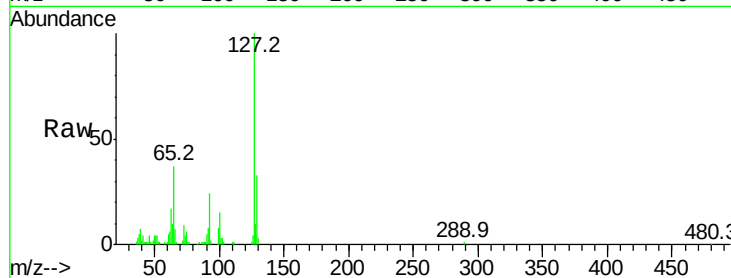
#33
4-Chloroaniline
Concen: 18.671 ng
RT: 11.02 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG035190.D
Acq: 16 Jun 2018 2:49

Instrument :
BNA_G
ClientSampleId :
PB110191BS

Tot Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	33.3	24.0	36.0
65	37.2	27.0	40.4
92	24.2	16.6	25.0

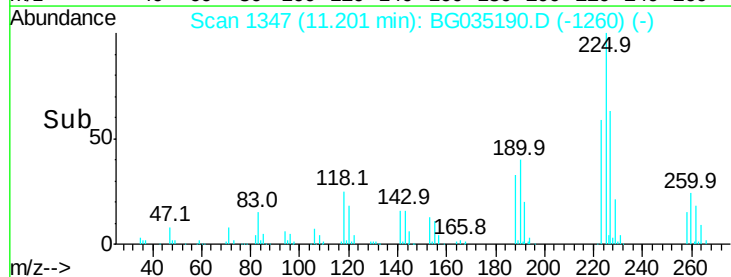
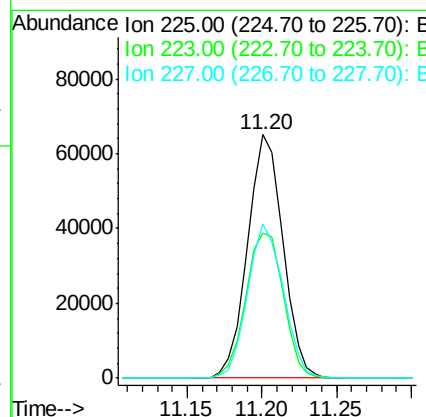
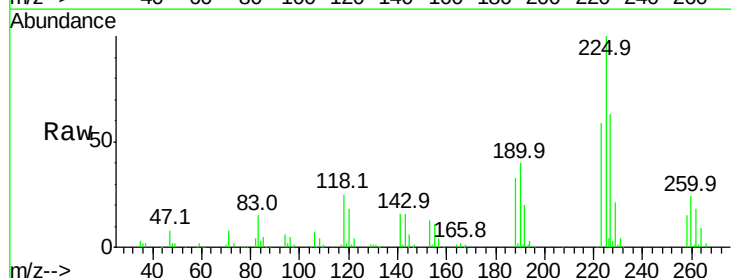
Manual Integrations
APPROVED

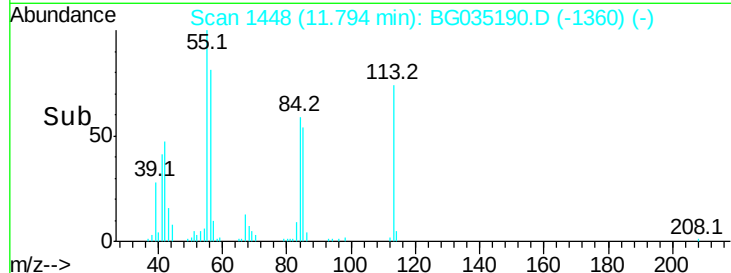
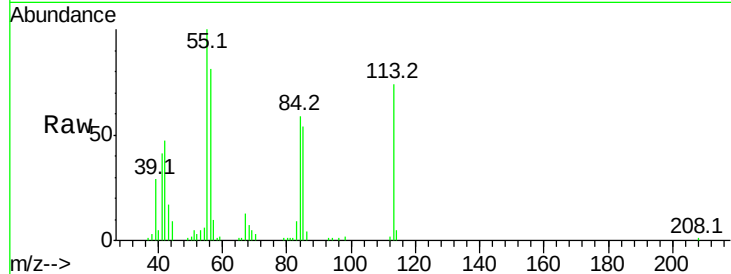
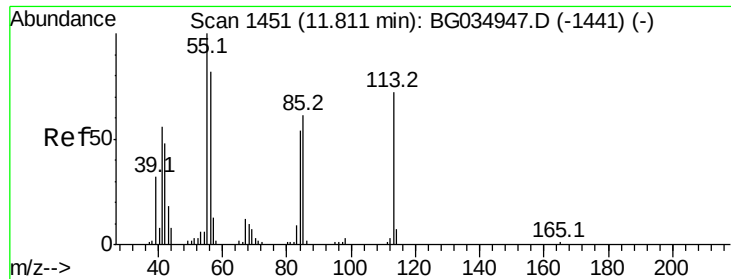
Sohil
6/18/2018 10:42:57 AM



#34
Hexachlorobutadiene
Concen: 40.634 ng
RT: 11.20 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BG035190.D
Acq: 16 Jun 2018 2:49

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	59.4	49.7	74.5
227	63.3	48.1	72.1





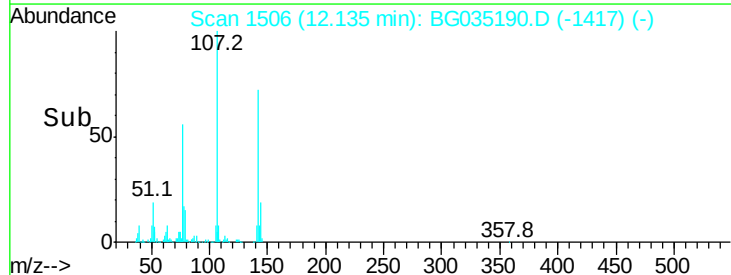
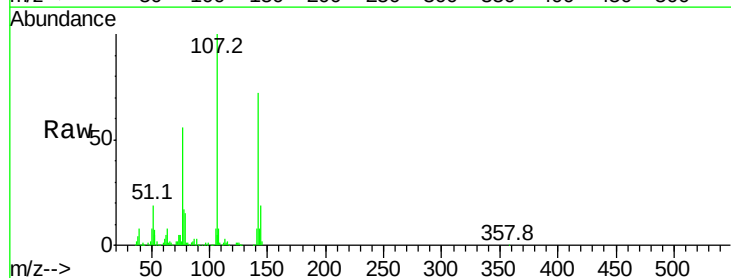
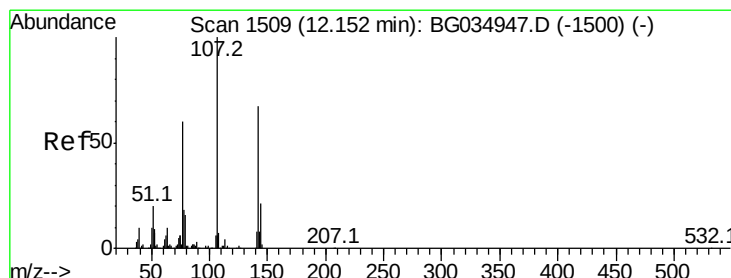
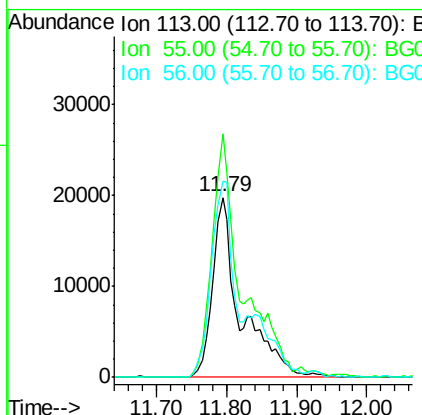
#35
Caprolactam
Concen: 53.313 ng/ml
RT: 11.79 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BG035190.D
Acq: 16 Jun 2018 2:49

Instrument :
BNA_G
ClientSampleId :
PB110191BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	135.6	186.9	226.9#
56	109.2	130.9	170.9#

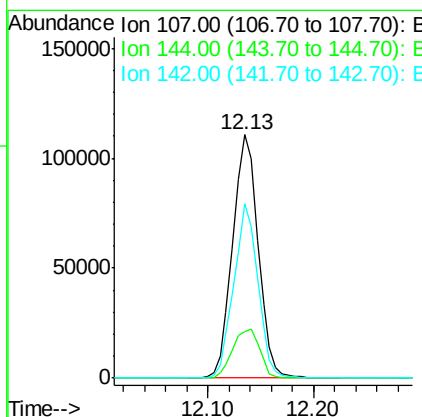
Manual Integrations
APPROVED

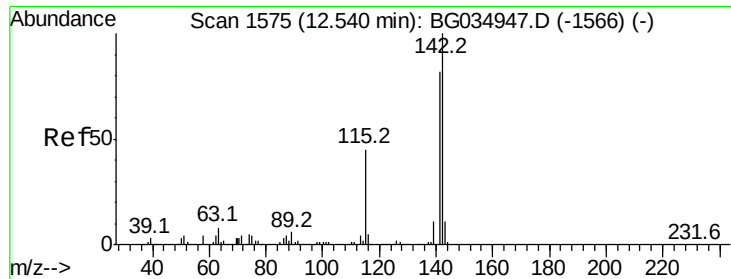
Sohil
6/18/2018 10:42:57 AM



#36
4-Chloro-3-methylphenol
Concen: 52.745 ng/ml
RT: 12.13 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BG035190.D
Acq: 16 Jun 2018 2:49

Tgt Ion	Ratio	Lower	Upper
107	100		
144	19.2	18.2	27.4
142	71.6	59.0	88.4





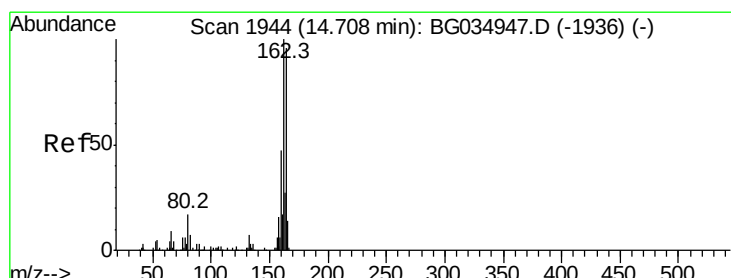
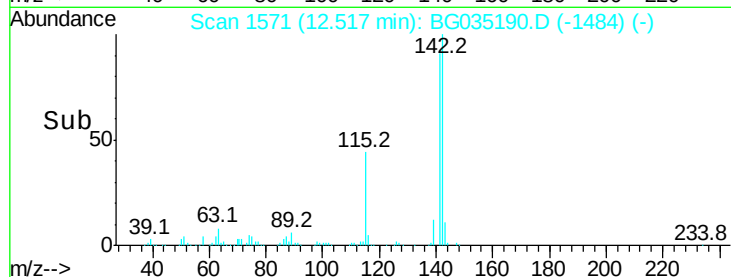
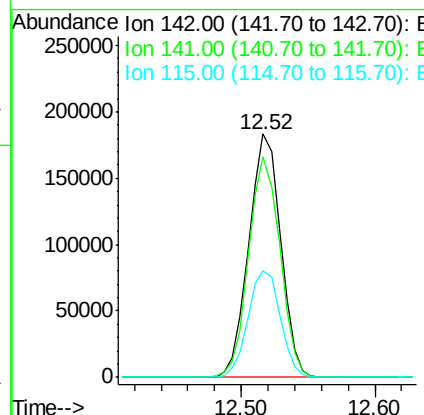
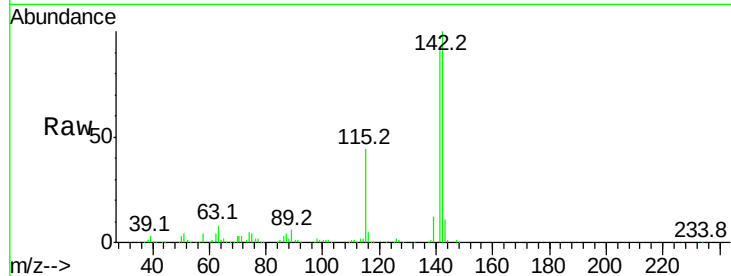
#37
2-Methylnaphthalene
Concen: 46.198 ng
RT: 12.52 min Scan# 1571
Delta R.T. -0.02 min
Lab File: BG035190.D
Acq: 16 Jun 2018 2:49

Instrument :
BNA_G
ClientSampleId :
PB110191BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.6	67.1	100.7
115	43.9	30.7	46.1

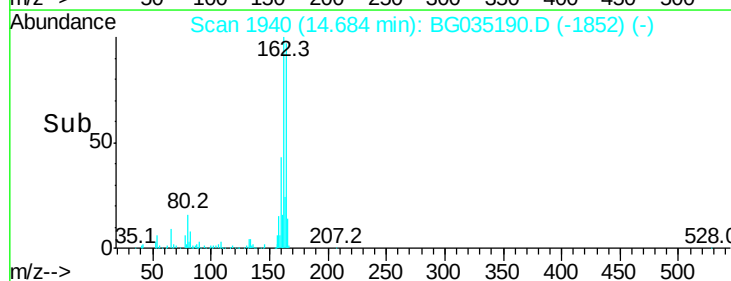
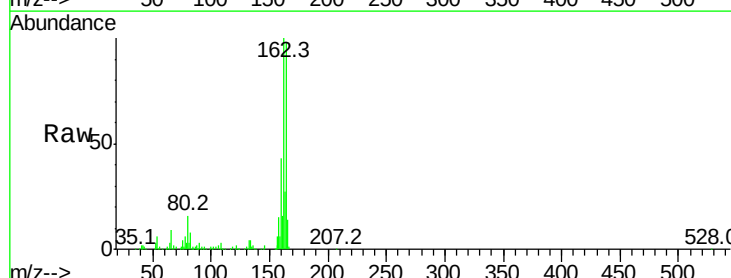
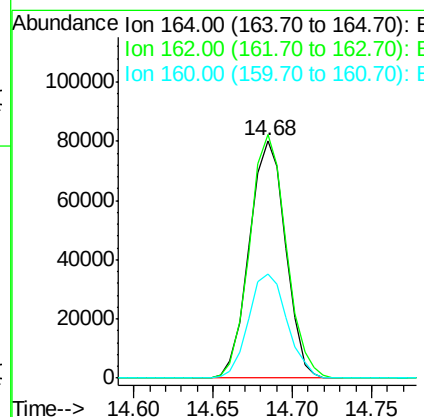
Manual Integrations
APPROVED

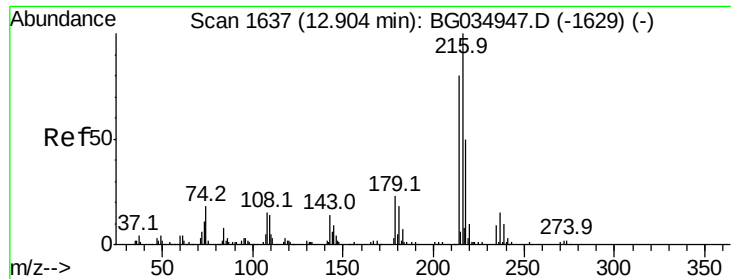
Sohil
6/18/2018 10:42:57 AM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG035190.D
Acq: 16 Jun 2018 2:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	78.8	118.2
160	44.0	35.4	53.0





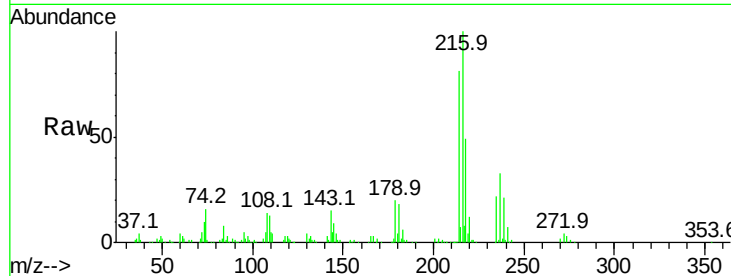
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.004 ng
 RT: 12.88 min Scan# 1633
 Delta R.T. -0.01 min
 Lab File: BG035190.D
 Acq: 16 Jun 2018 2:49

Instrument :
 BNA_G
 ClientSampleId :
 PB110191BS

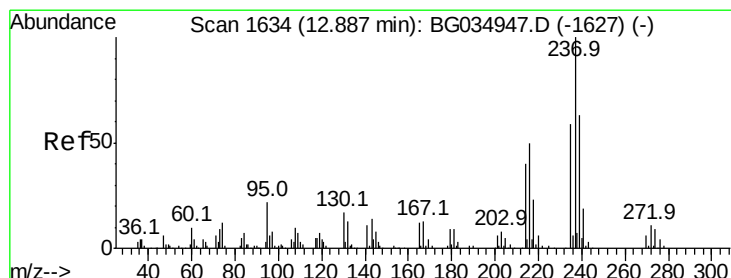
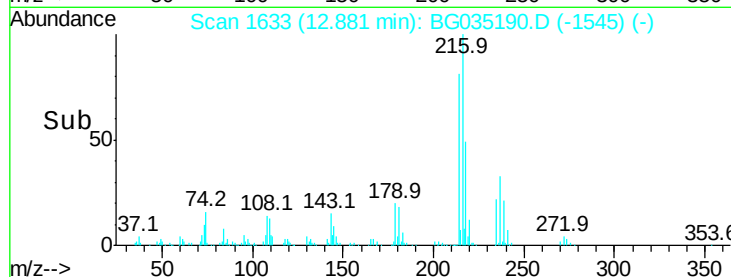
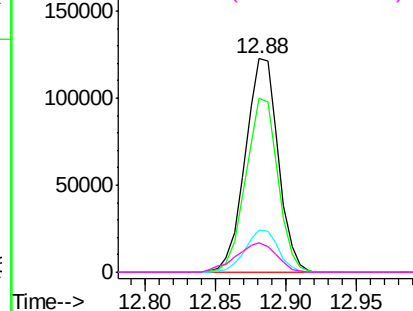
Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.6	63.0	94.4
179	20.0	17.0	25.6
108	16.9	12.8	19.2

Manual Integrations
 APPROVED

Sohil
 6/18/2018 10:42:57 AM

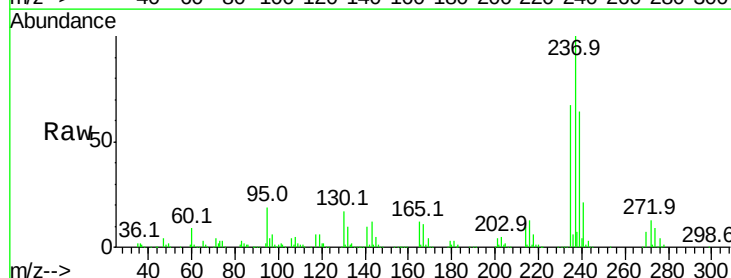


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

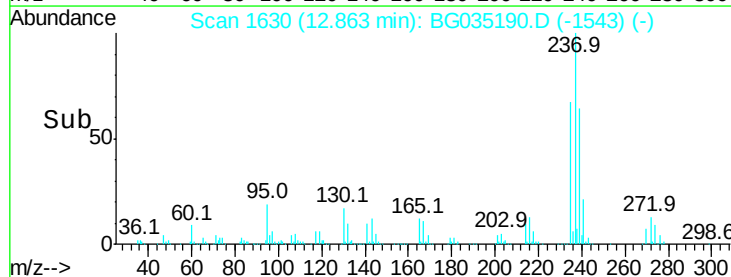
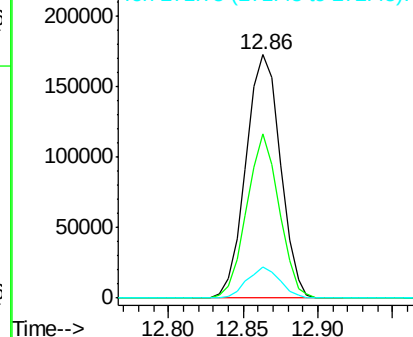


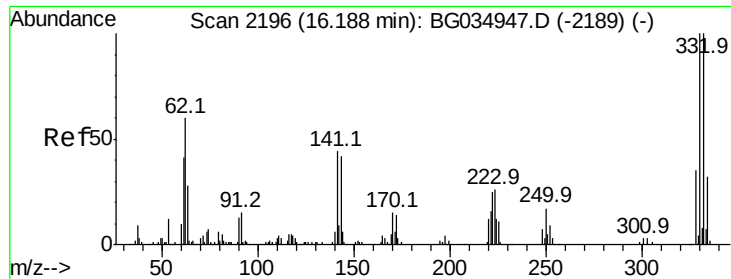
#40
 Hexachlorocyclopentadiene
 Concen: 92.331 ng
 RT: 12.86 min Scan# 1630
 Delta R.T. -0.02 min
 Lab File: BG035190.D
 Acq: 16 Jun 2018 2:49

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	67.4	50.4	90.4
272	12.6	0.0	31.8



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 161.811 ng

RT: 16.17 min Scan# 2193

Delta R.T. -0.01 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

Instrument :

BNA_G

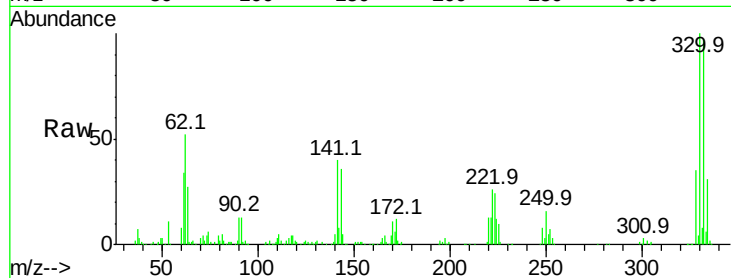
ClientSampleId :

PB110191BS

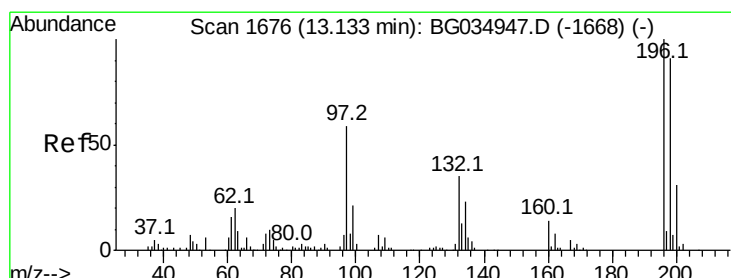
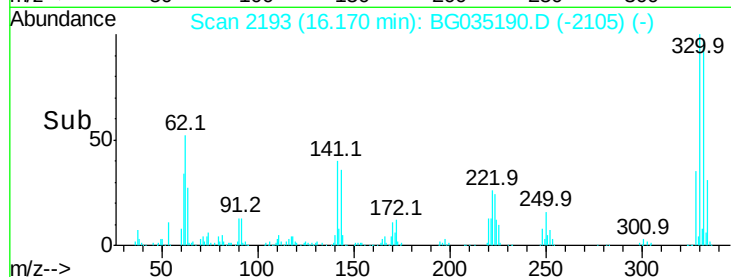
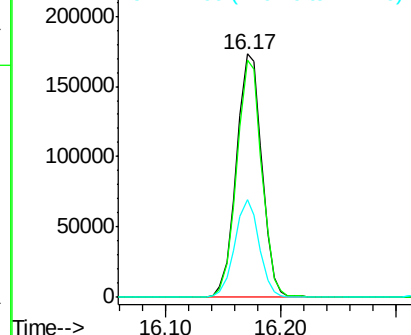
Tot Ion:	330	Resp:	264104
Ion Ratio	Lower	Upper	
330	100		
332	95.8	77.0	115.6
141	38.7	25.2	37.8#

Manual Integrations
APPROVED

Sohil
6/18/2018 10:42:57 AM



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



#42

2,4,6-Trichlorophenol

Concen: 49.809 ng

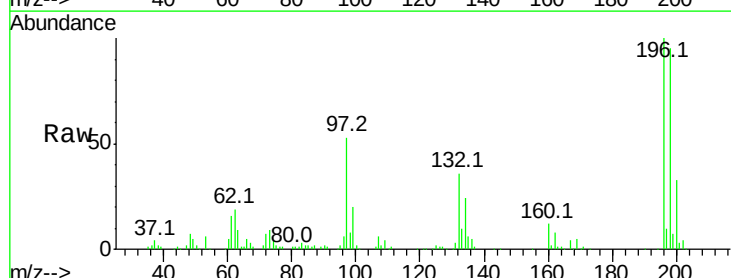
RT: 13.12 min Scan# 1673

Delta R.T. -0.01 min

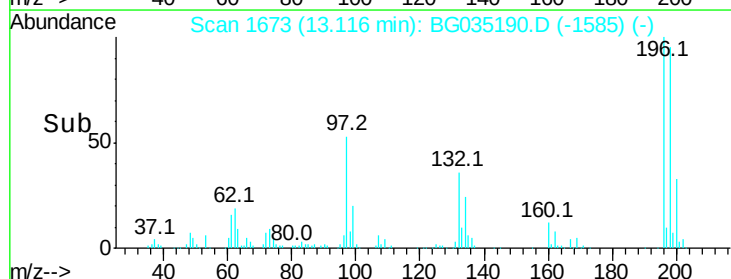
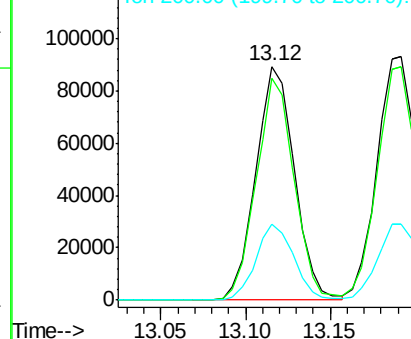
Lab File: BG035190.D

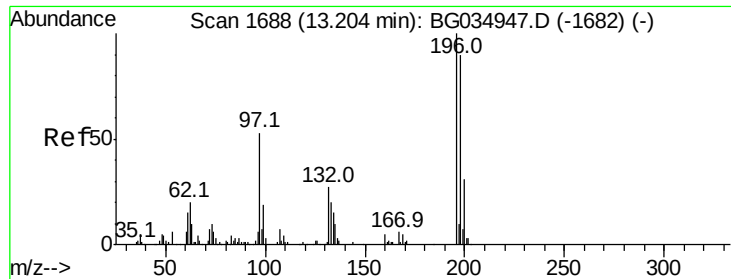
Acq: 16 Jun 2018 2:49

Tgt Ion:	196	Resp:	141643
Ion Ratio	Lower	Upper	
196	100		
198	94.9	78.2	117.2
200	32.6	24.6	36.8



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





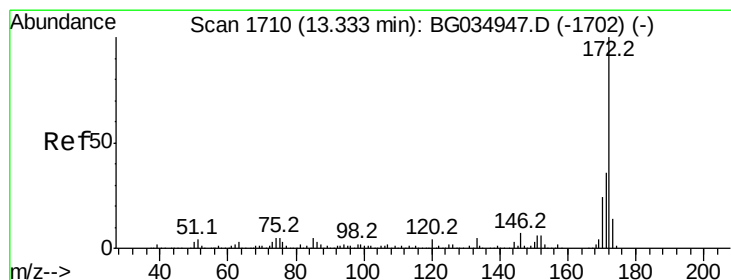
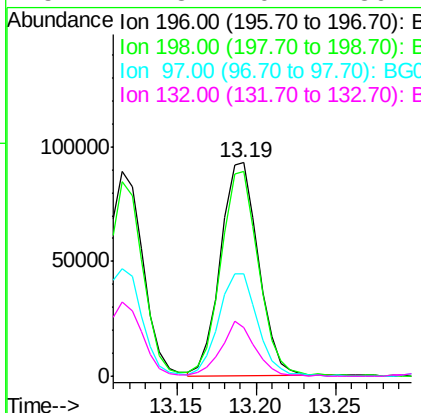
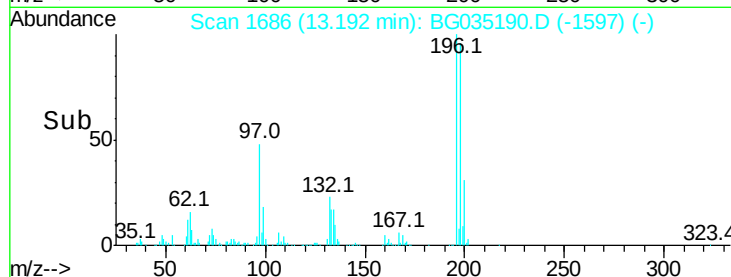
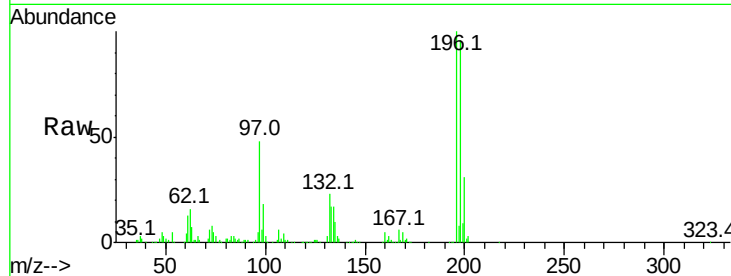
#43
 2,4,5-Trichlorophenol
 Concen: 49.219 ng
 RT: 13.19 min Scan# 1686
 Delta R.T. -0.01 min
 Lab File: BG035190.D
 Acq: 16 Jun 2018 2:49

Instrument :
 BNA_G
 ClientSampleId :
 PB110191BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	153622		
198	95.6	76.2	114.4	
97	47.7	38.7	58.1	
132	22.8	20.2	30.2	

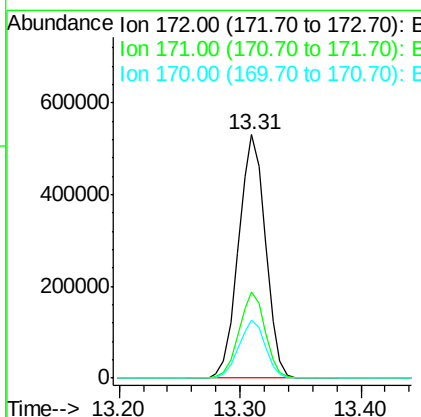
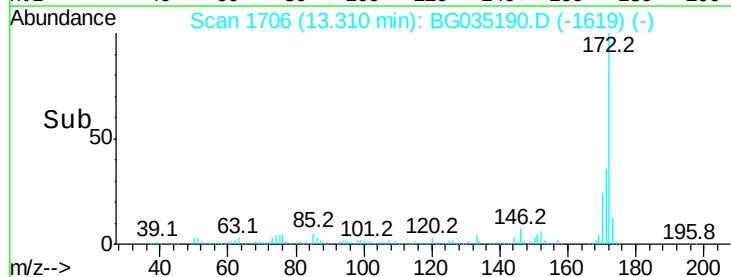
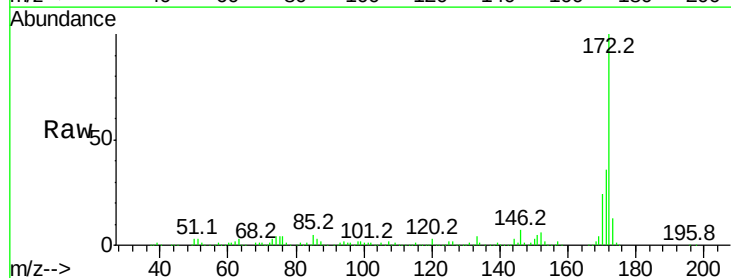
Manual Integrations
 APPROVED

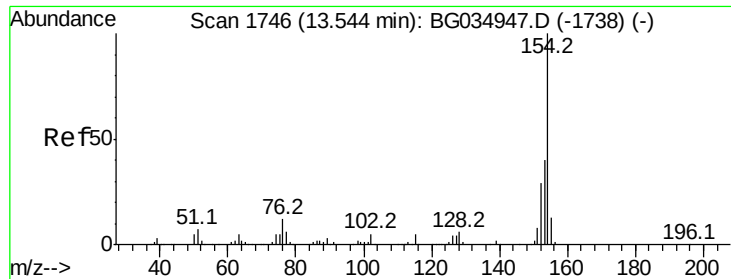
Sohil
 6/18/2018 10:42:57 AM



#44
 2-Fluorobiphenyl
 Concen: 84.100 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG035190.D
 Acq: 16 Jun 2018 2:49

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	824832		
171	35.5	30.0	45.0	
170	24.0	19.5	29.3	





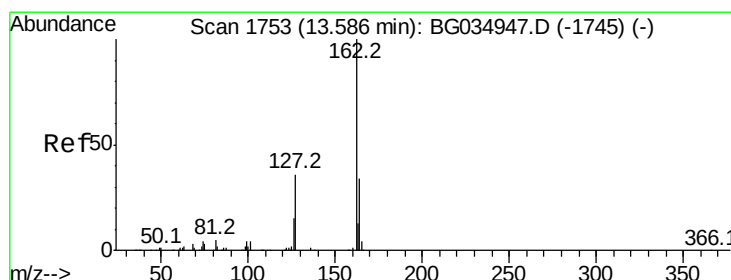
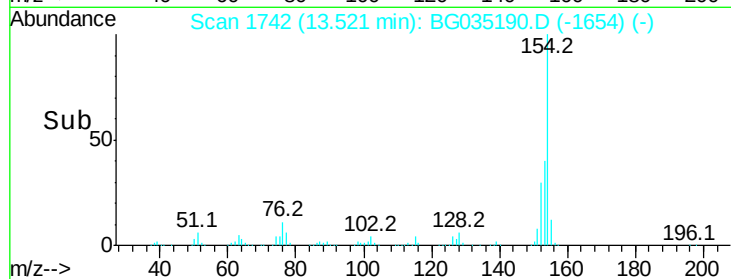
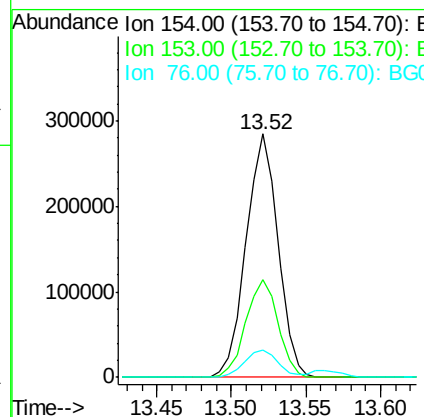
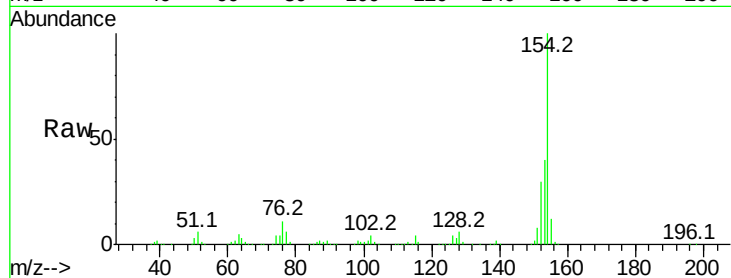
#45
 1,1'-Biphenyl
 Concen: 40.973 ng
 RT: 13.52 min Scan# 1742
 Delta R.T. -0.01 min
 Lab File: BG035190.D
 Acq: 16 Jun 2018 2:49

Instrument :
 BNA_G
 ClientSampleId :
 PB110191BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.0	19.8	59.8
76	11.3	0.0	31.9

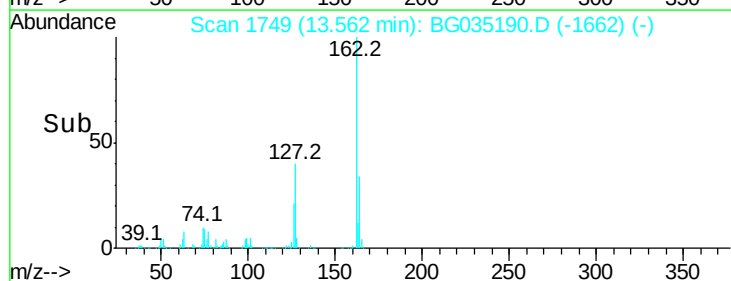
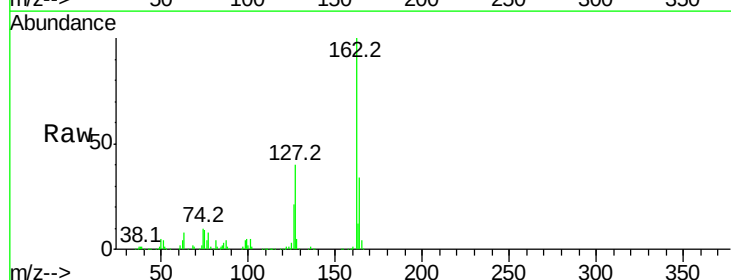
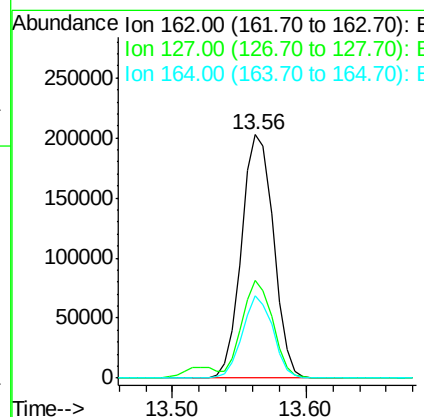
Manual Integrations
 APPROVED

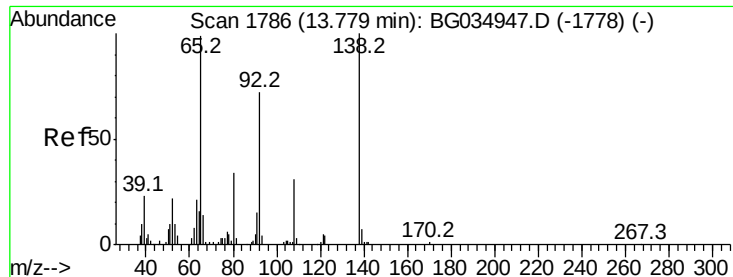
Sohil
 6/18/2018 10:42:57 AM



#46
 2-Chloronaphthalene
 Concen: 43.149 ng
 RT: 13.56 min Scan# 1749
 Delta R.T. -0.02 min
 Lab File: BG035190.D
 Acq: 16 Jun 2018 2:49

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.3	30.7	46.1
164	33.7	26.0	39.0





#47

2-Nitroaniline

Concen: 53.380 ng

RT: 13.76 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

Instrument :

BNA_G

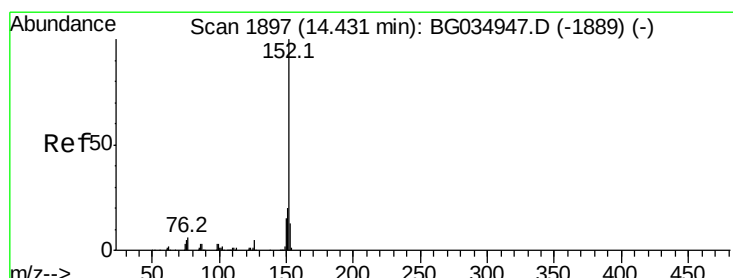
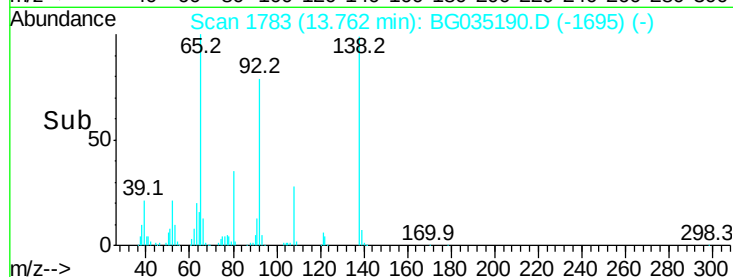
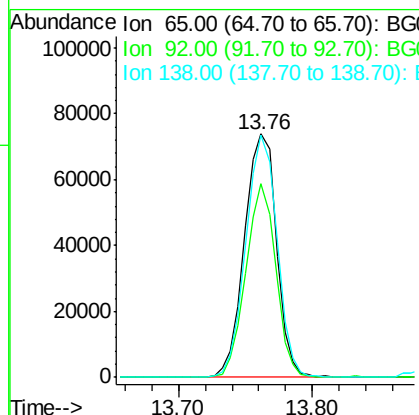
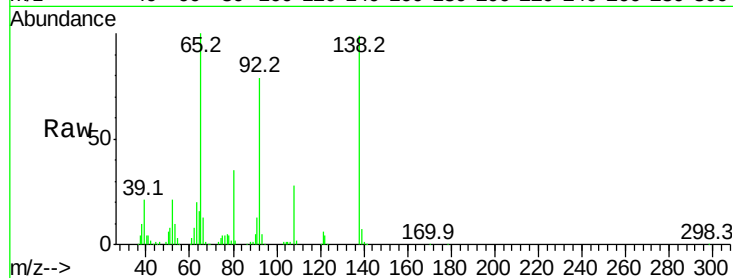
ClientSampleId :

PB110191BS

Tot Ion:	65	Resp:	122183
Ion Ratio	Lower	Upper	
65	100		
92	79.4	54.6	82.0
138	99.3	72.9	109.3

Manual Integrations
APPROVED

Sohil
6/18/2018 10:42:57 AM



#48

Acenaphthylene

Concen: 43.817 ng

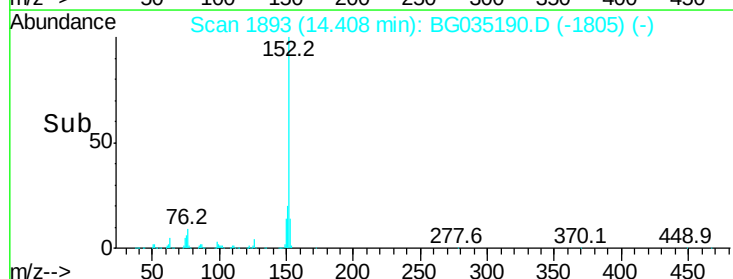
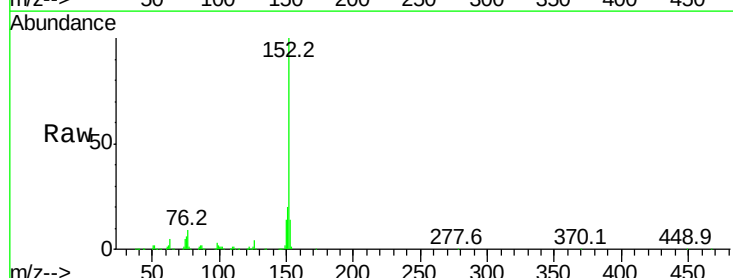
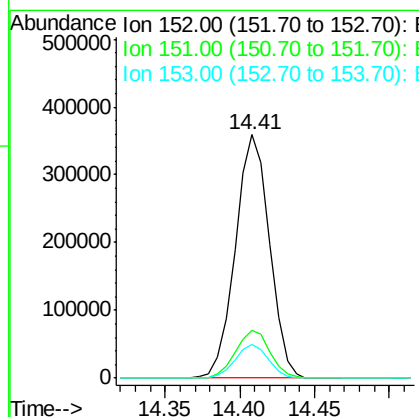
RT: 14.41 min Scan# 1893

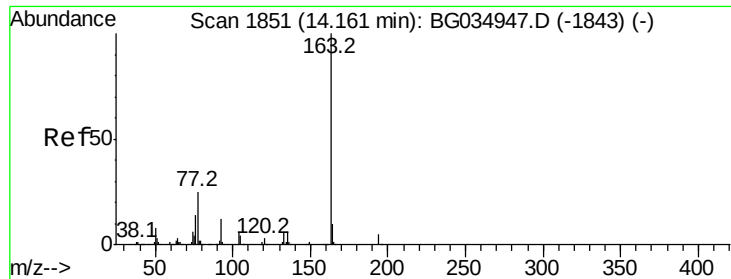
Delta R.T. -0.01 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

Tgt Ion:	152	Resp:	569508
Ion Ratio	Lower	Upper	
152	100		
151	19.8	17.2	25.8
153	14.0	10.2	15.4





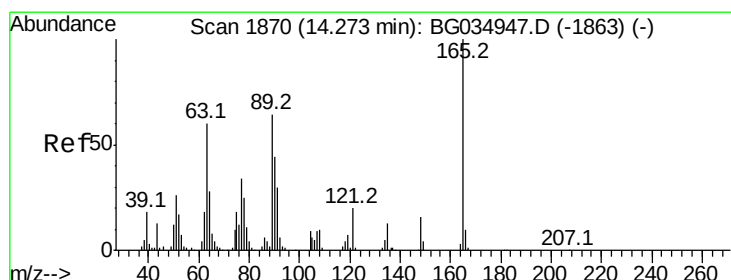
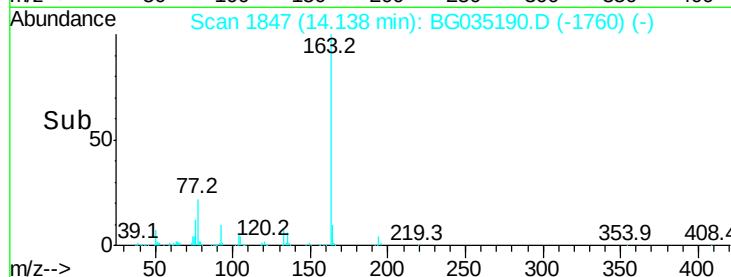
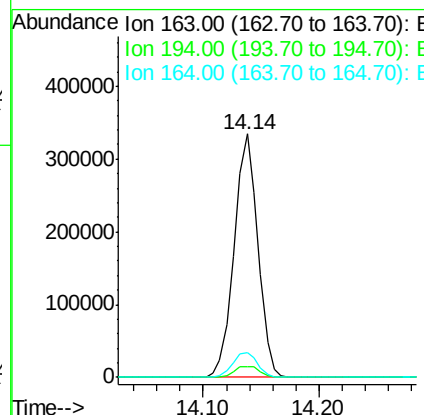
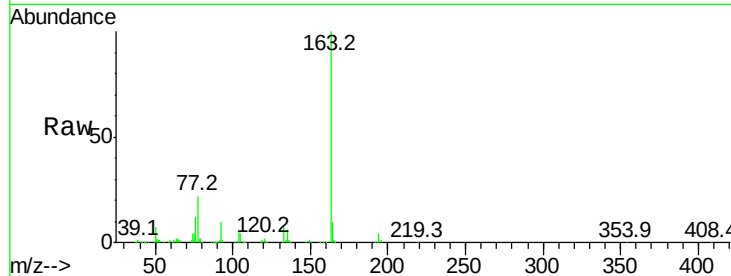
#49
Dimethylphthalate
Concen: 42.661 ng
RT: 14.14 min Scan# 1847
Delta R.T. -0.02 min
Lab File: BG035190.D
Acq: 16 Jun 2018 2:49

Instrument :
BNA_G
ClientSampleId :
PB110191BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	474326		
194	4.3		3.4	5.2
164	10.2		8.2	12.4

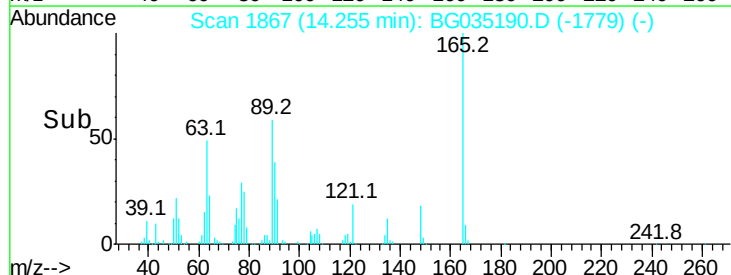
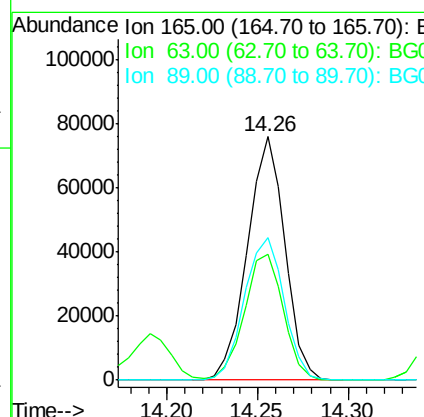
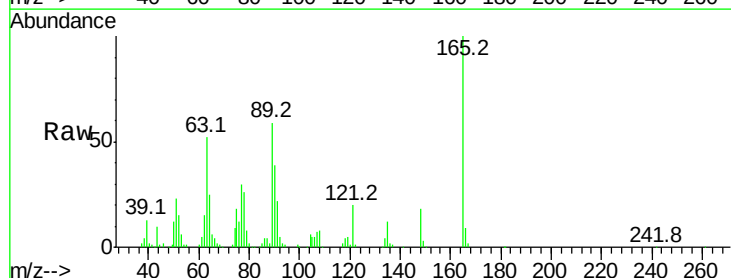
Manual Integrations
APPROVED

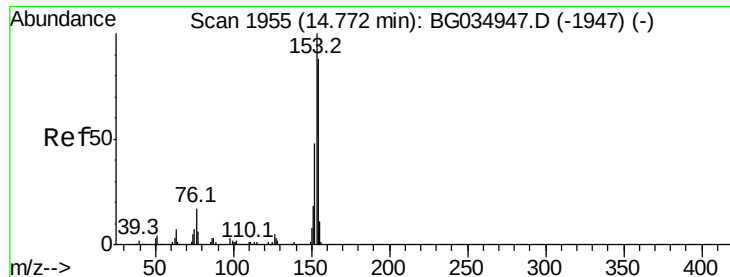
Sohil
6/18/2018 10:42:57 AM



#50
2,6-Dinitrotoluene
Concen: 53.920 ng
RT: 14.26 min Scan# 1867
Delta R.T. -0.01 min
Lab File: BG035190.D
Acq: 16 Jun 2018 2:49

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	109371		
63	51.7		52.7	79.1#
89	58.6		49.2	73.8





#51

Acenaphthene

Concen: 41.013 ng

RT: 14.75 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

Instrument :

BNA_G

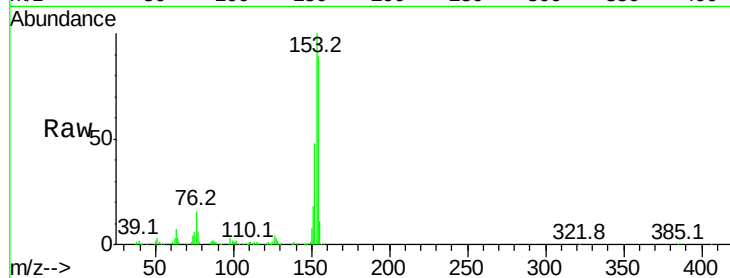
ClientSampleId :

PB110191BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	112.0	90.4	135.6
152	53.3	41.6	62.4

Manual Integrations
APPROVED

Sohil
6/18/2018 10:42:57 AM

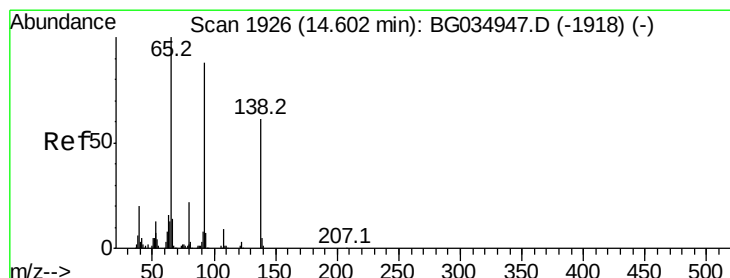
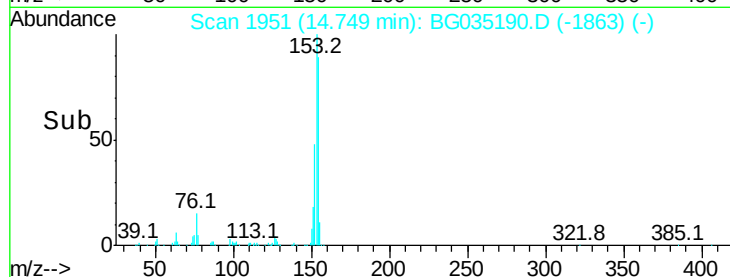
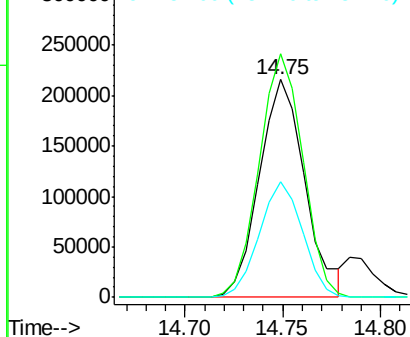


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 34.571 ng

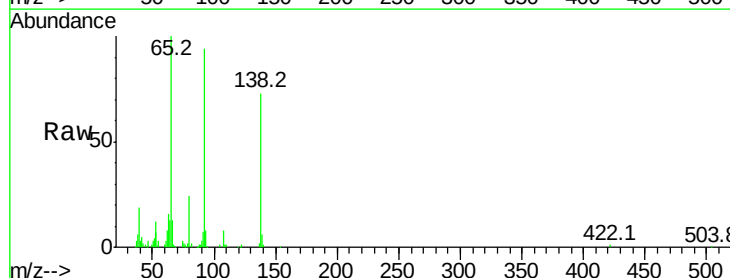
RT: 14.58 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.3	17.5	26.3#
92	129.7	105.8	158.8

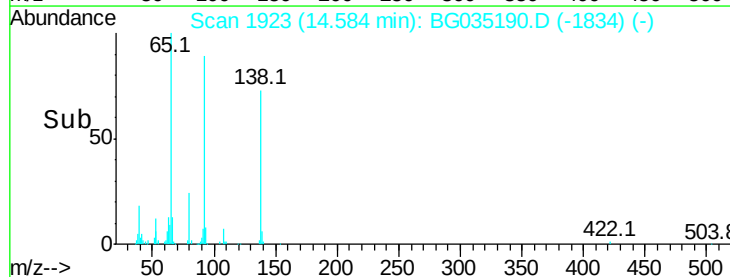
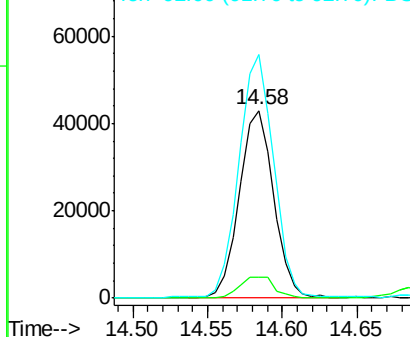


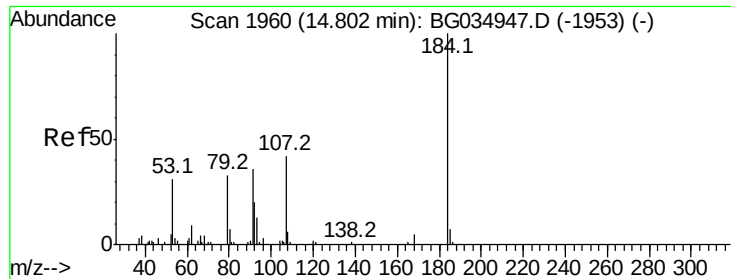
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG





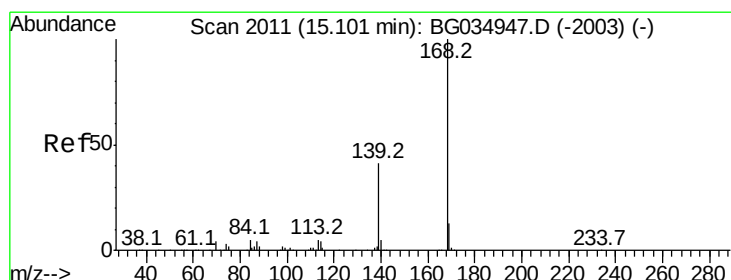
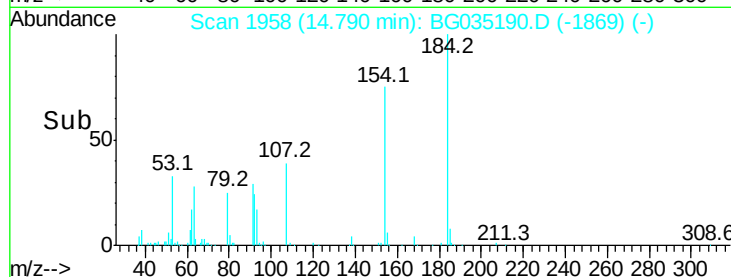
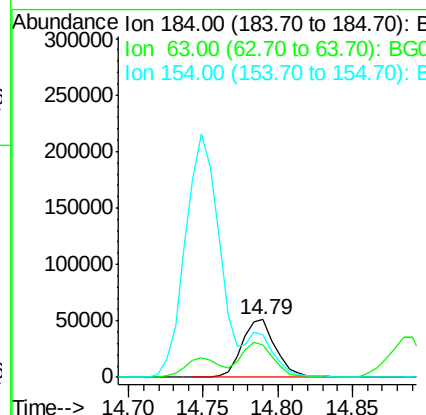
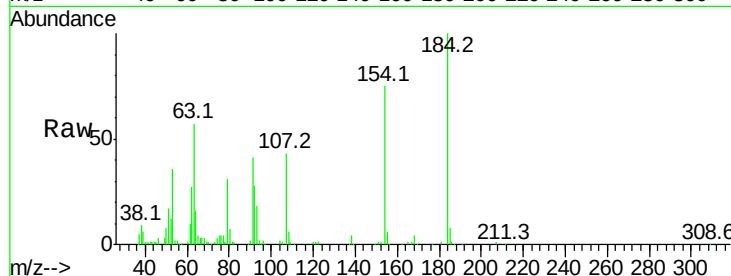
#53
2,4-Dinitrophenol
Concen: 98.127 ng
RT: 14.79 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BG035190.D
Acq: 16 Jun 2018 2:49

Instrument :
BNA_G
ClientSampleId :
PB110191BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	56.9	59.8	89.8#
154	74.5	101.8	152.8#

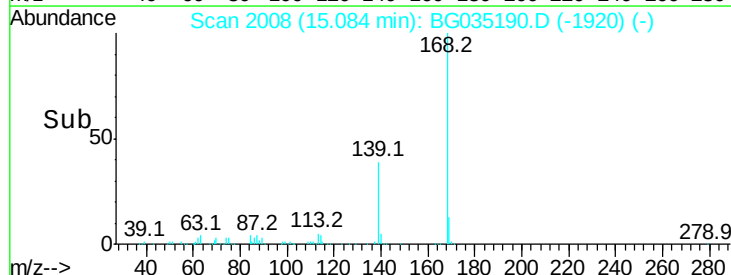
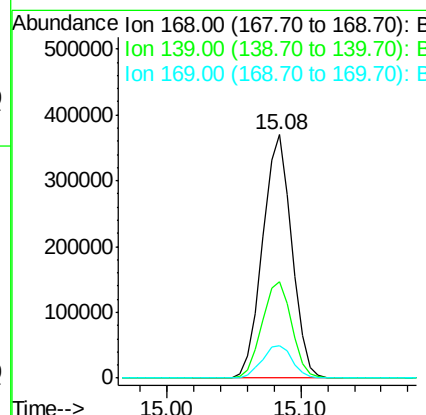
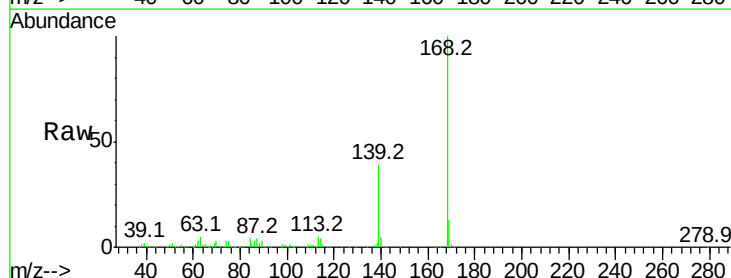
Manual Integrations
APPROVED

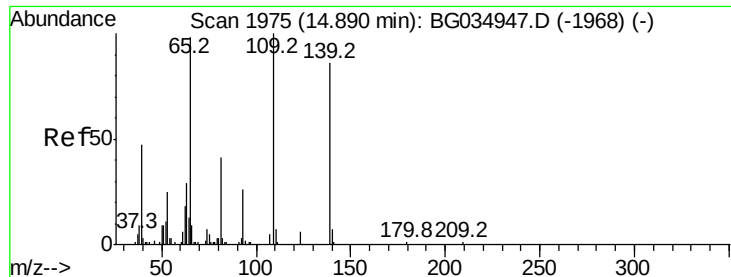
Sohil
6/18/2018 10:42:57 AM



#54
Dibenzofuran
Concen: 43.701 ng
RT: 15.08 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BG035190.D
Acq: 16 Jun 2018 2:49

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.4	28.6	43.0
169	13.5	11.2	16.8





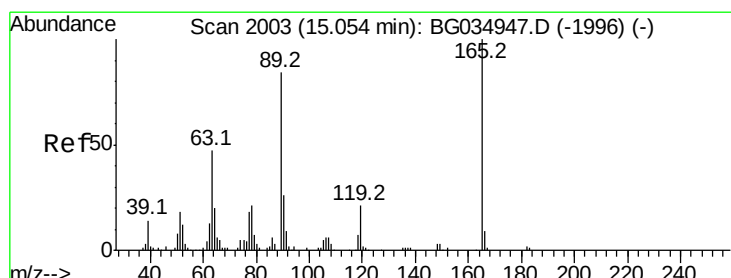
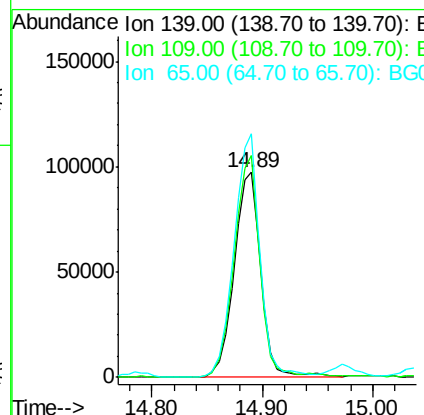
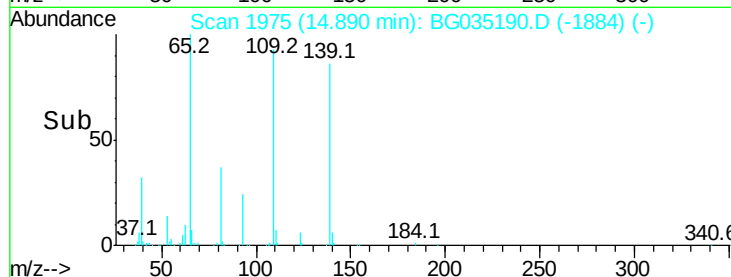
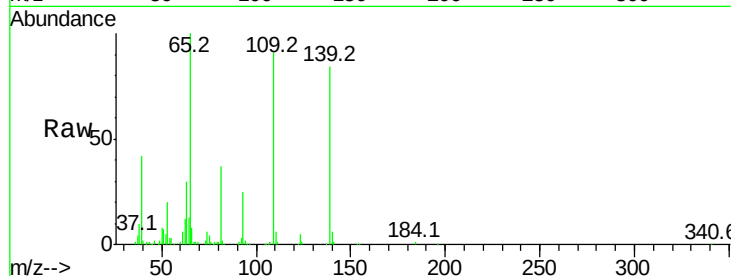
#55
4-Nitrophenol
Concen: 98.240 ng
RT: 14.89 min Scan# 1975
Delta R.T. 0.01 min
Lab File: BG035190.D
Acq: 16 Jun 2018 2:49

Instrument :
BNA_G
ClientSampleId :
PB110191BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	108.0	62.2	102.2#	
65	118.8	97.2	137.2	

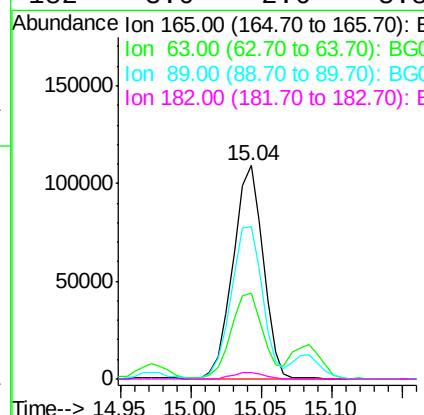
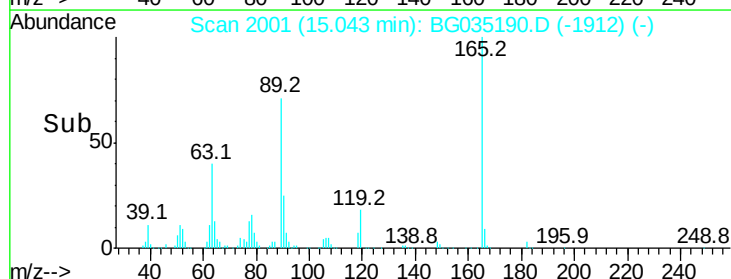
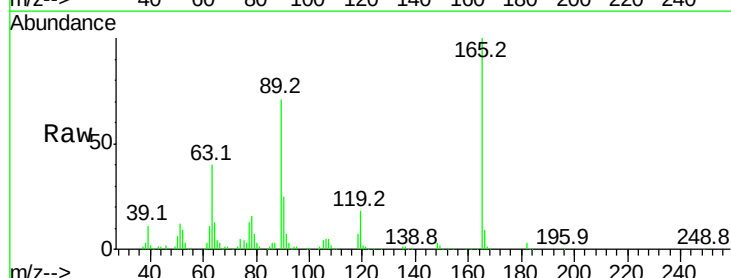
Manual Integrations
APPROVED

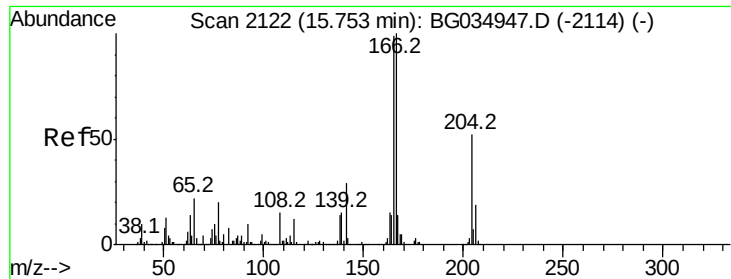
Sohil
6/18/2018 10:42:57 AM



#56
2,4-Dinitrotoluene
Concen: 60.450 ng
RT: 15.04 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BG035190.D
Acq: 16 Jun 2018 2:49

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	39.9	42.0	63.0#	
89	71.1	66.9	100.3	
182	3.0	2.6	3.8	





#57

Fluorene

Concen: 43.912 ng

RT: 15.73 min Scan# 2118

Delta R.T. -0.01 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

Instrument :

BNA_G

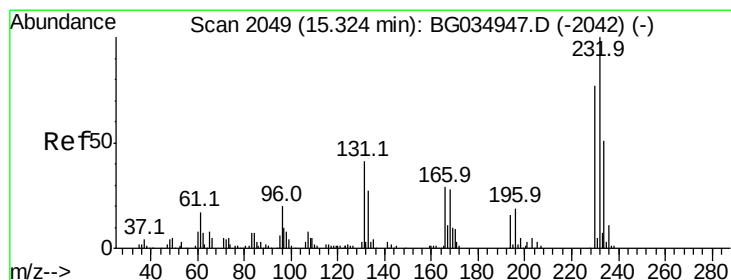
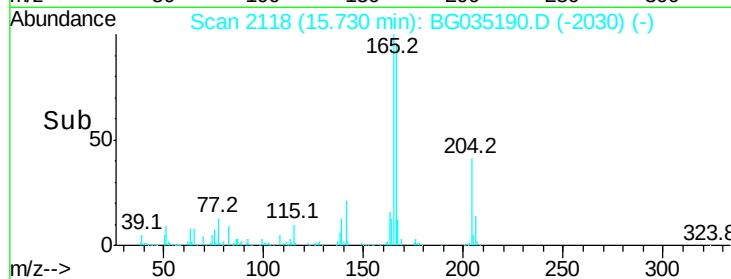
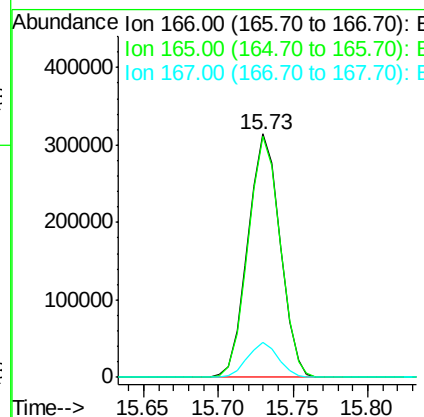
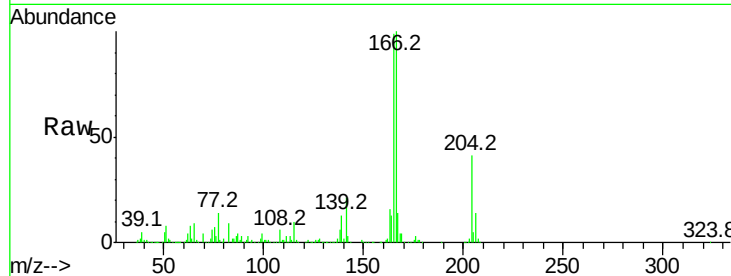
ClientSampleId :

PB110191BS

Tot Ion:	166	Resp:	466760
Ion Ratio	Lower	Upper	
166	100		
165	99.2	80.6	121.0
167	14.3	10.4	15.6

Manual Integrations
APPROVED

Sohil
6/18/2018 10:42:57 AM



#58

2,3,4,6-Tetrachlorophenol

Concen: 52.635 ng

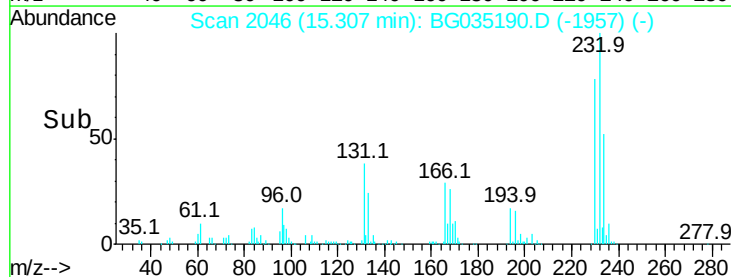
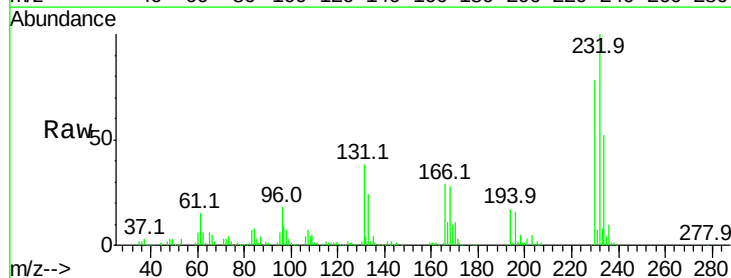
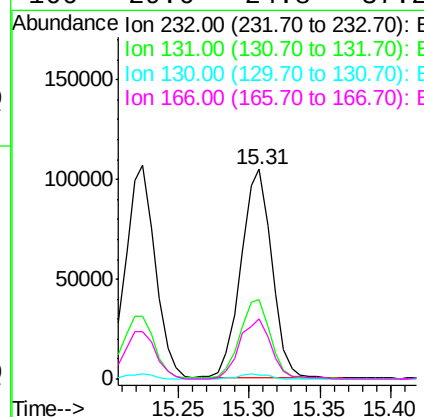
RT: 15.31 min Scan# 2046

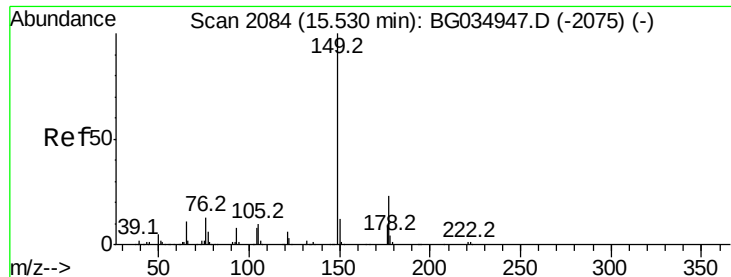
Delta R.T. -0.01 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

Tgt Ion:	232	Resp:	159596
Ion Ratio	Lower	Upper	
232	100		
131	37.7	33.5	50.3
130	2.5	2.2	3.2
166	29.6	24.8	37.2





#59

Diethylphthalate

Concen: 42.882 ng

RT: 15.50 min Scan# 2079

Delta R.T. -0.02 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

Instrument :

BNA_G

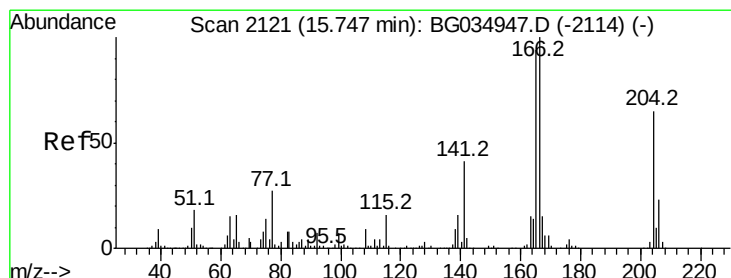
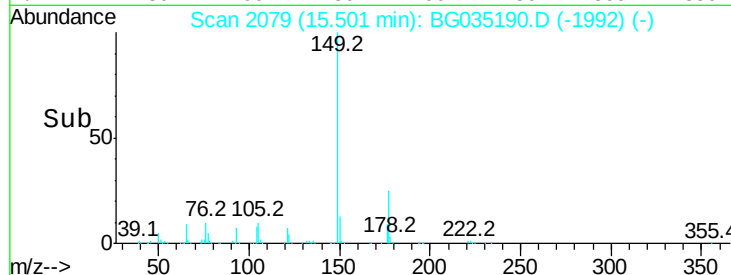
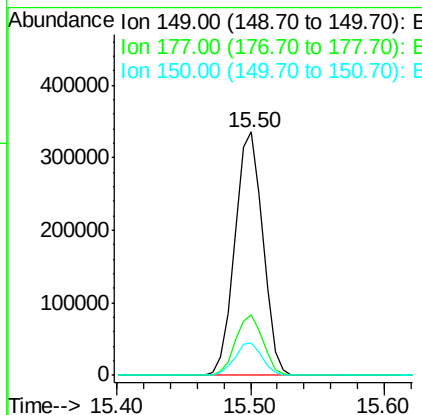
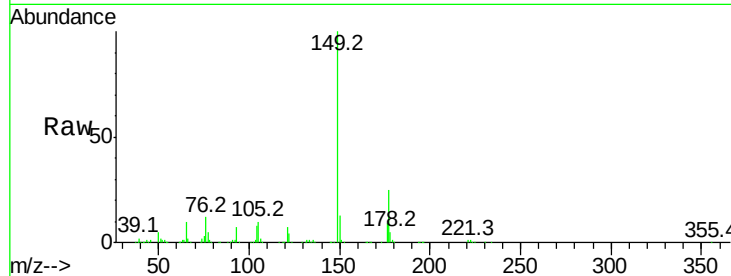
ClientSampleId :

PB110191BS

Tot Ion:	149	Resp:	486433
Ion Ratio	Lower	Upper	
149	100		
177	24.8	18.5	27.7
150	13.3	10.2	15.2

Manual Integrations
APPROVED

Sohil
6/18/2018 10:42:57 AM



#60

4-Chlorophenyl-phenylether

Concen: 43.796 ng

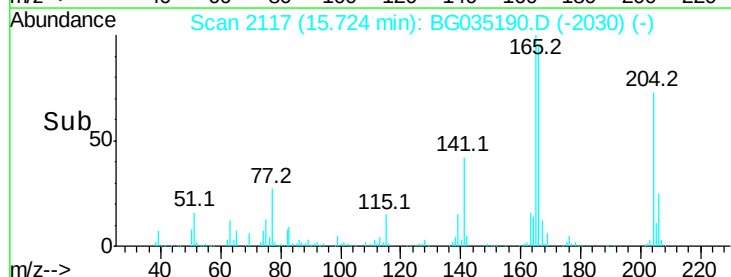
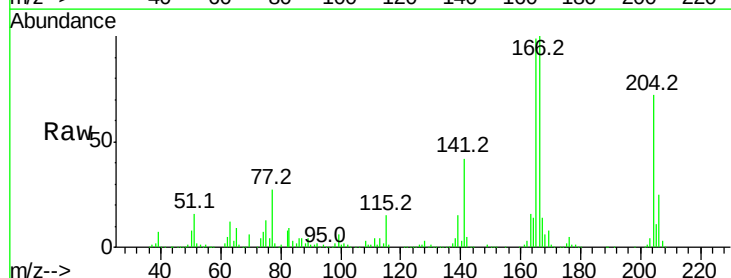
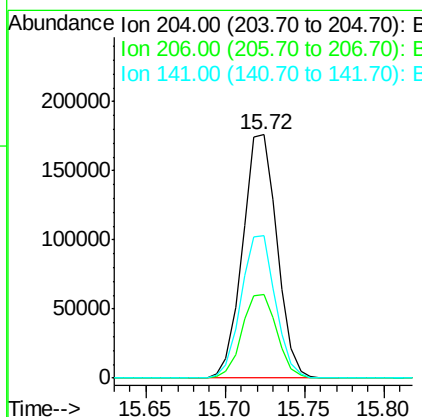
RT: 15.72 min Scan# 2117

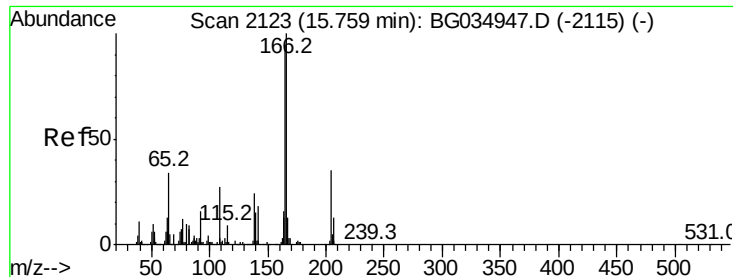
Delta R.T. -0.02 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

Tgt Ion:	204	Resp:	265458
Ion Ratio	Lower	Upper	
204	100		
206	34.4	26.2	39.2
141	58.7	45.8	68.6





#61

4-Nitroaniline

Concen: 52.191 ng

RT: 15.75 min Scan# 2121

Delta R.T. -0.01 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

Instrument :

BNA_G

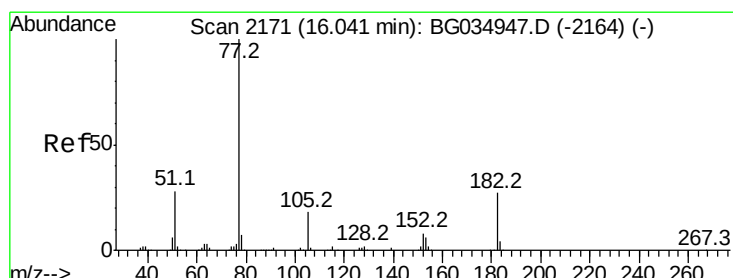
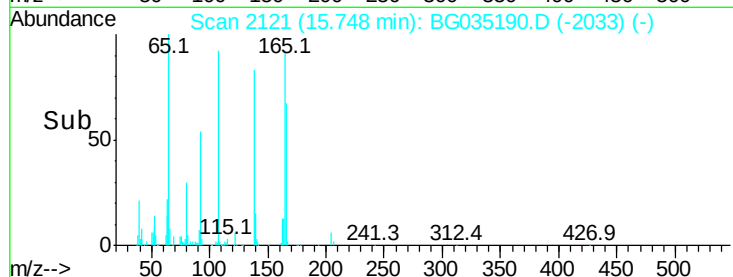
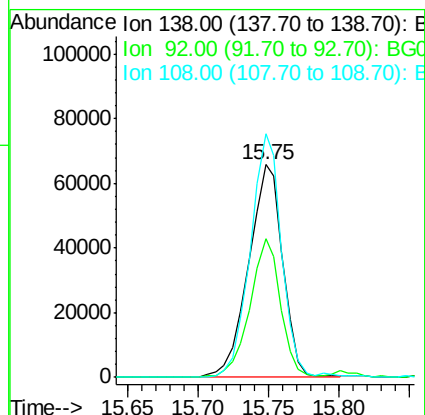
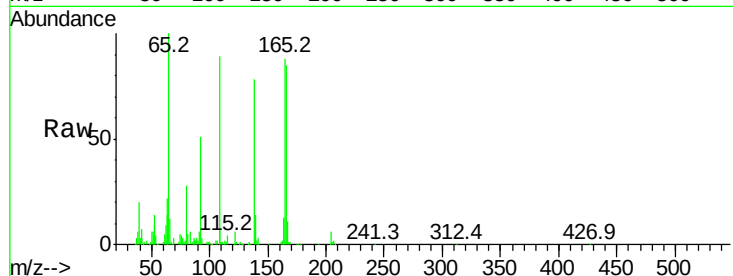
ClientSampleId :

PB110191BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	65.1	40.1	80.1
108	114.6	65.4	105.4

Manual Integrations
APPROVED

Sohil
6/18/2018 10:42:57 AM



#62

Azobenzene

Concen: 44.041 ng

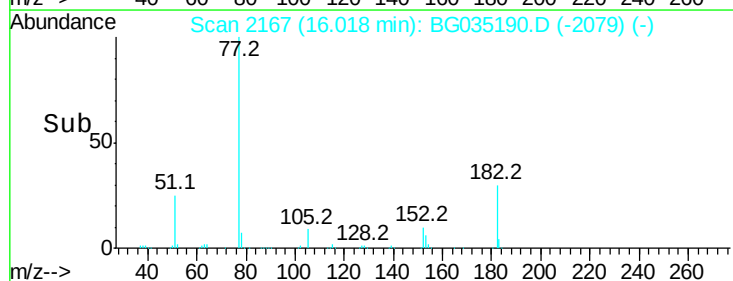
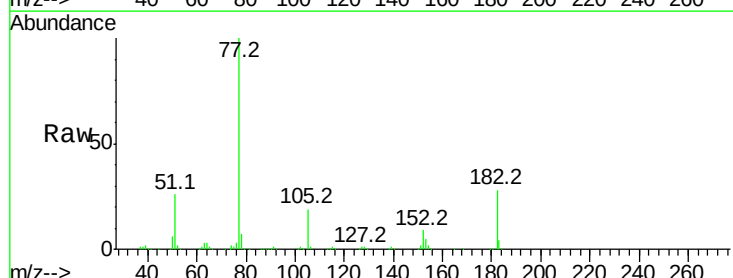
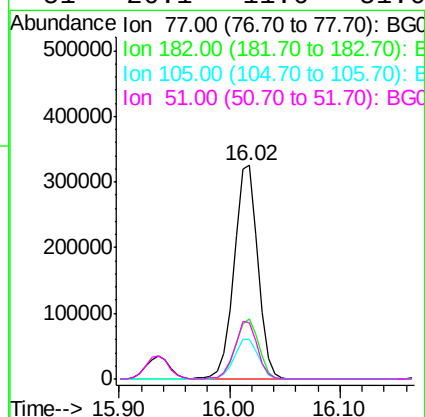
RT: 16.02 min Scan# 2167

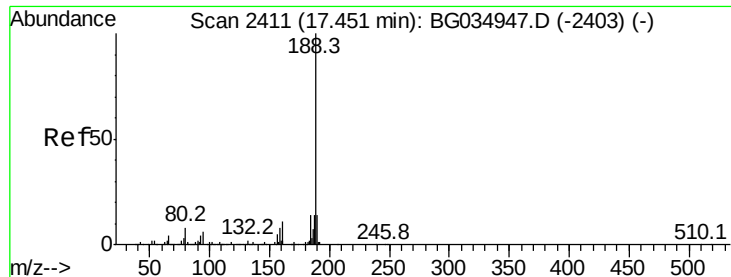
Delta R.T. -0.01 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.2	7.4	47.4
105	18.6	0.3	40.3
51	26.1	11.6	51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2407

Delta R.T. -0.01 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

Instrument :

BNA_G

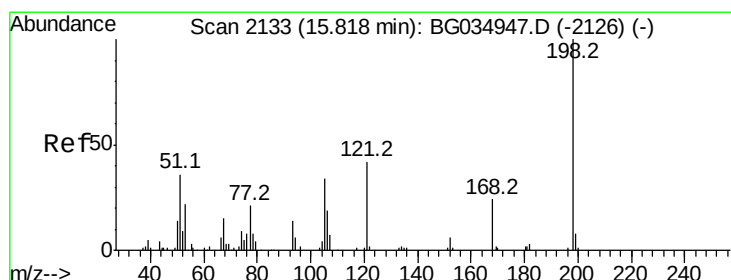
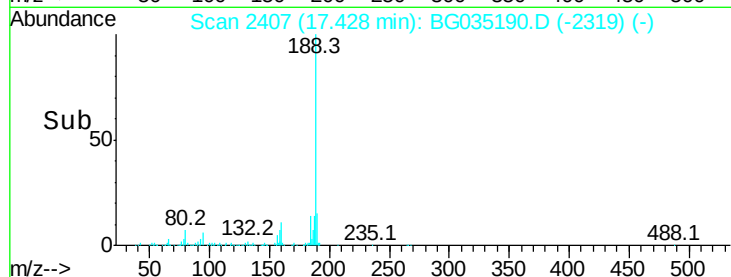
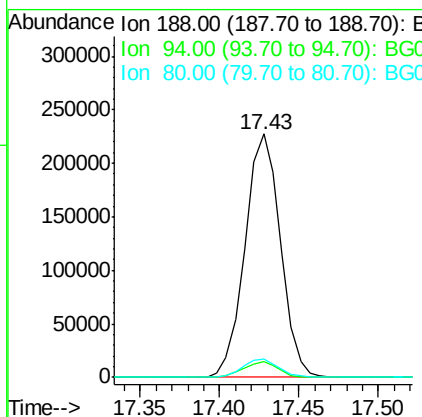
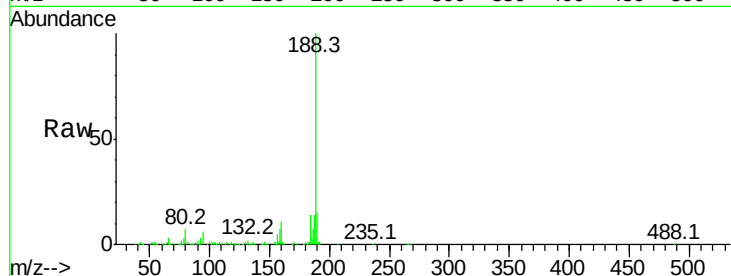
ClientSampleId :

PB110191BS

Tot Ion:	188	Resp:	352776
Ion Ratio	Lower	Upper	
188	100		
94	6.4	6.9	10.3#
80	7.4	7.7	11.5#

Manual Integrations
APPROVED

Sohil
6/18/2018 10:42:57 AM



#64

4,6-Dinitro-2-methylphenol

Concen: 49.263 ng

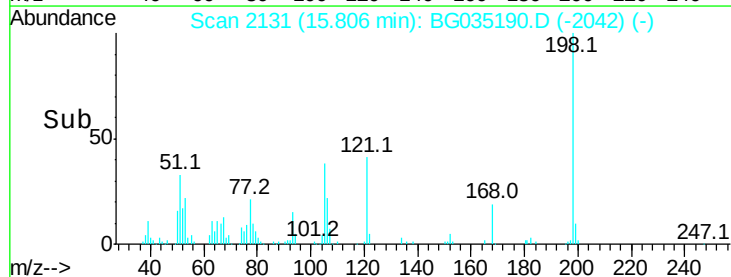
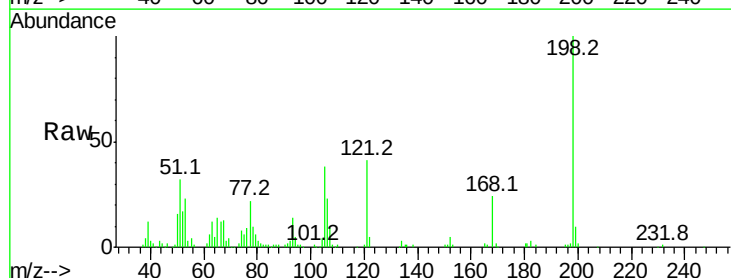
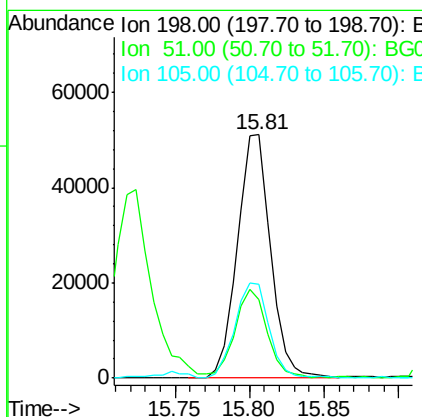
RT: 15.81 min Scan# 2131

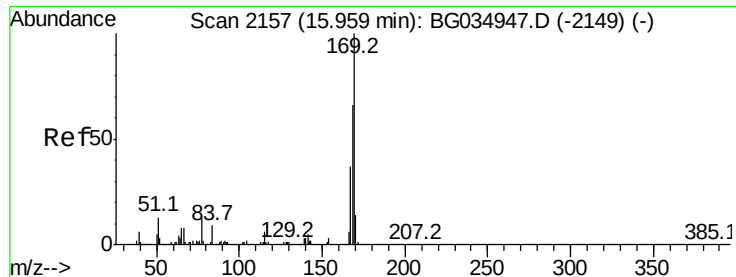
Delta R.T. -0.01 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

Tgt Ion:	198	Resp:	79347
Ion Ratio	Lower	Upper	
198	100		
51	32.3	30.6	70.6
105	38.4	23.8	63.8





#65

n-Nitrosodiphenylamine

Concen: 40.829 ng

RT: 15.94 min Scan# 2153

Delta R.T. -0.01 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

Instrument :

BNA_G

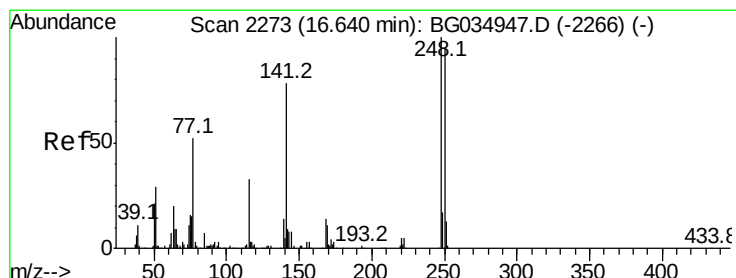
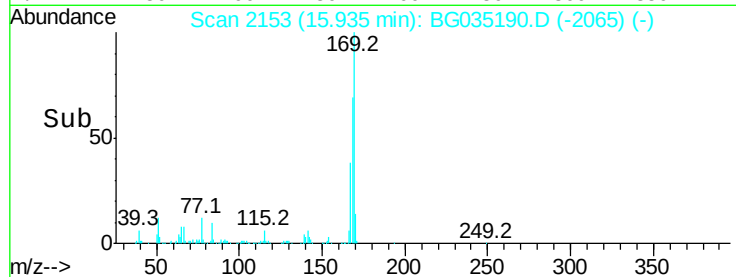
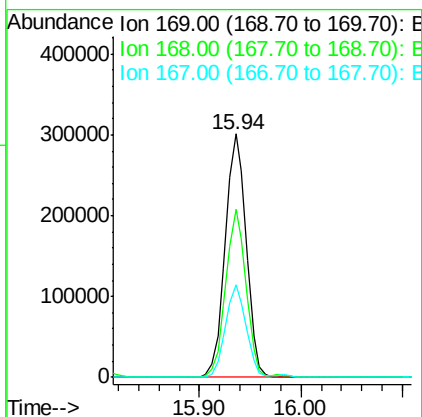
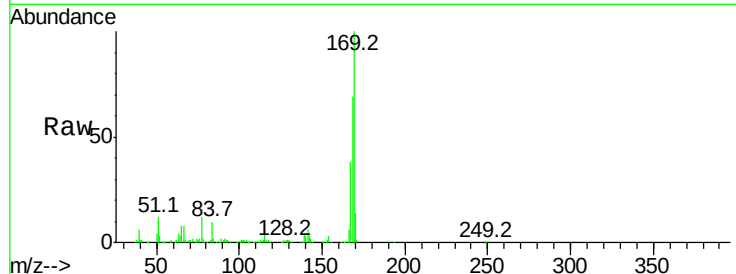
ClientSampleId :

PB110191BS

Tot Ion:	169	Resp:	432555
Ion Ratio	Lower	Upper	
169	100		
168	69.1	55.7	83.5
167	38.0	30.1	45.1

Manual Integrations
APPROVED

Sohil
6/18/2018 10:42:57 AM



#66

4-Bromophenyl-phenylether

Concen: 44.240 ng

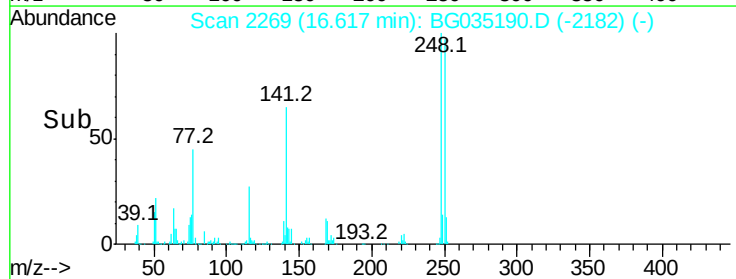
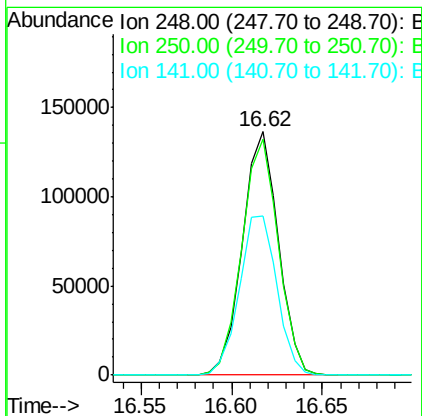
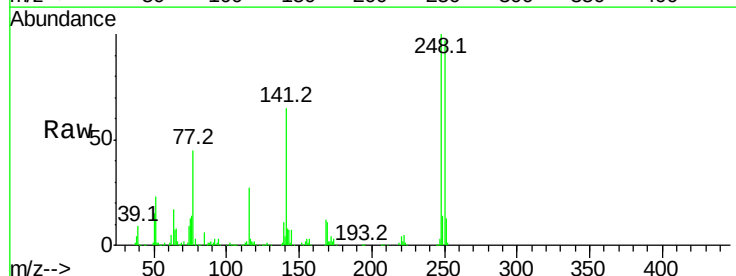
RT: 16.62 min Scan# 2269

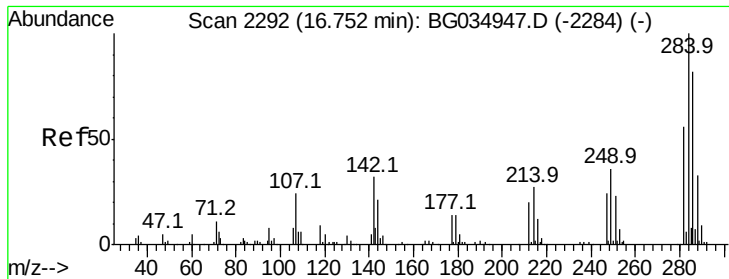
Delta R.T. -0.02 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

Tgt Ion:	248	Resp:	187945
Ion Ratio	Lower	Upper	
248	100		
250	97.0	77.1	115.7
141	65.3	50.8	76.2





#67

Hexachlorobenzene

Concen: 44.185 ng

RT: 16.73 min Scan# 2289

Delta R.T. -0.01 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

Instrument :

BNA_G

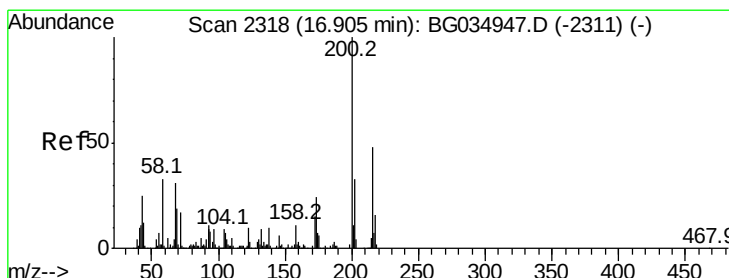
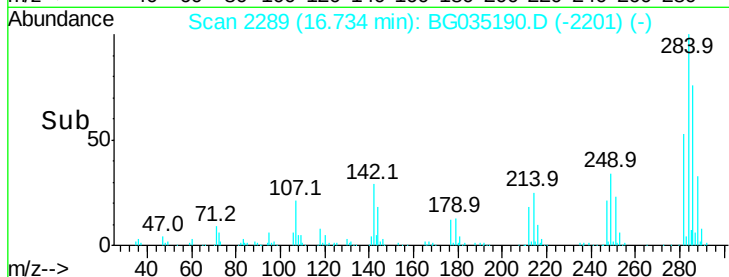
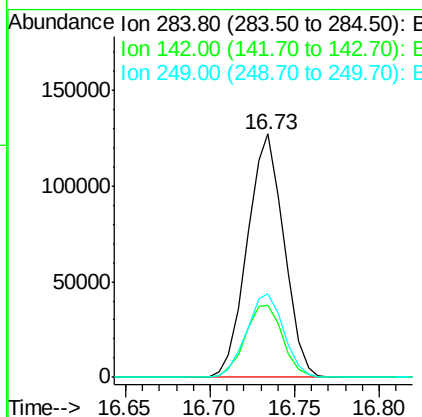
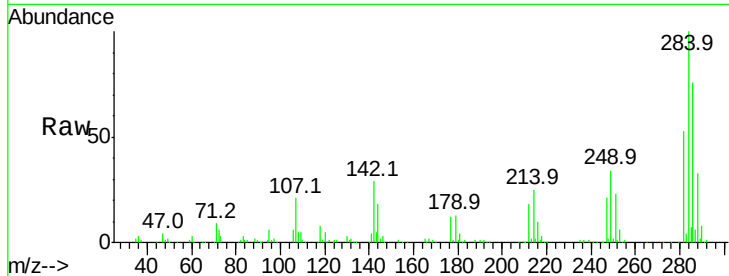
ClientSampleId :

PB110191BS

Tot Ion:	284	Resp:	191057
Ion Ratio		Lower	Upper
284	100		
142	29.4	26.8	40.2
249	34.3	26.3	39.5

Manual Integrations
APPROVED

Sohil
6/18/2018 10:42:57 AM



#68

Atrazine

Concen: 43.298 ng

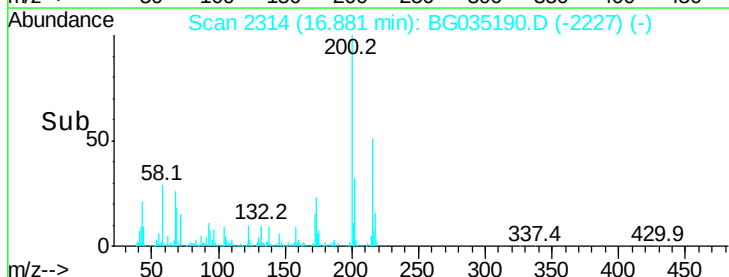
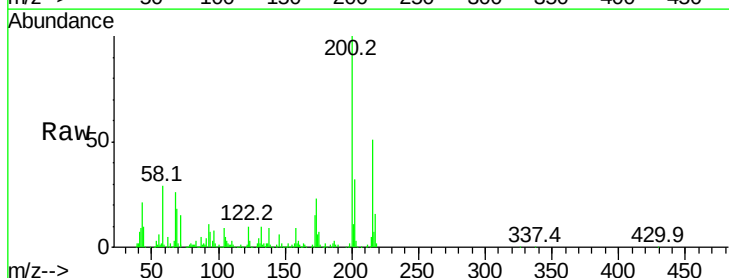
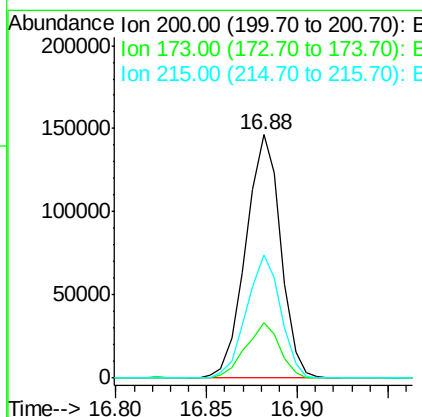
RT: 16.88 min Scan# 2314

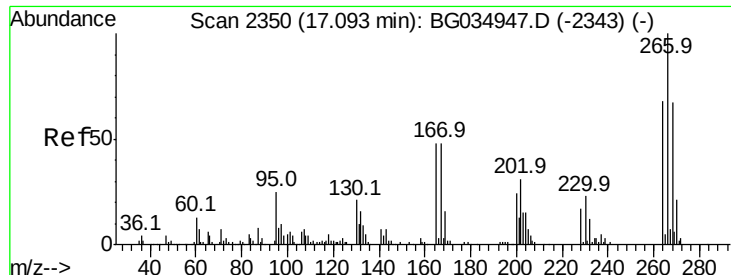
Delta R.T. -0.02 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

Tgt Ion:	200	Resp:	195617
Ion Ratio		Lower	Upper
200	100		
173	22.7	5.2	45.2
215	50.6	30.4	70.4





#69

Pentachlorophenol

Concen: 74.113 ng

RT: 17.08 min Scan# 2347

Delta R.T. -0.01 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

Instrument :

BNA_G

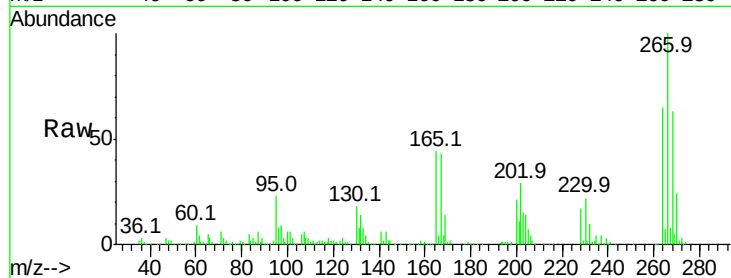
ClientSampleId :

PB110191BS

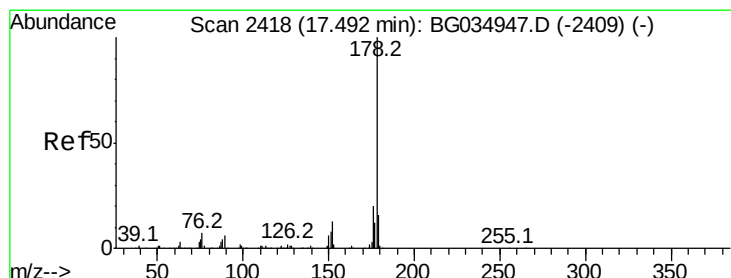
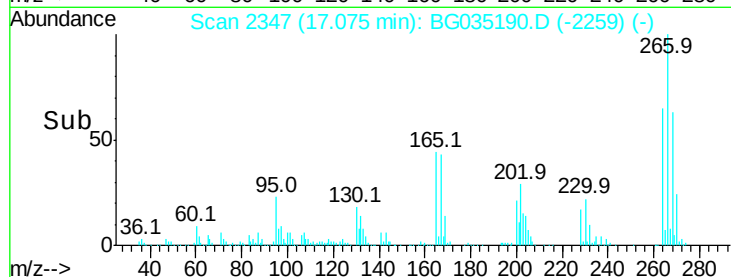
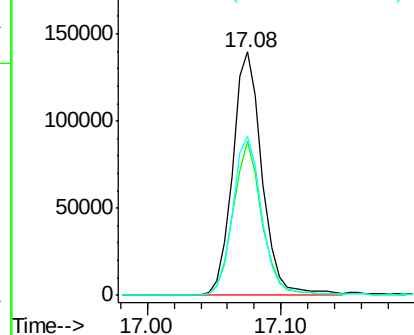
Tot Ion:	266	Resp:	215492
Ion Ratio		Lower	Upper
266	100		
268	63.1	51.1	76.7
264	65.3	49.6	74.4

Manual Integrations
APPROVED

Sohil
6/18/2018 10:42:57 AM



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



#70

Phenanthrene

Concen: 43.576 ng

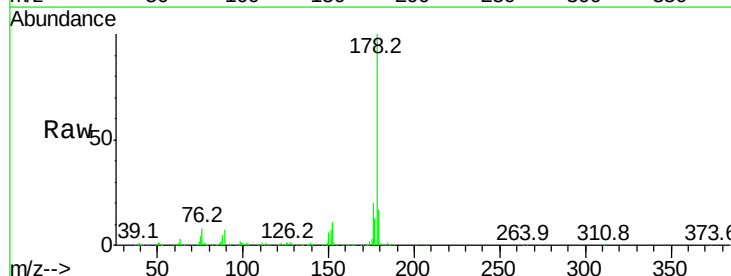
RT: 17.47 min Scan# 2414

Delta R.T. -0.02 min

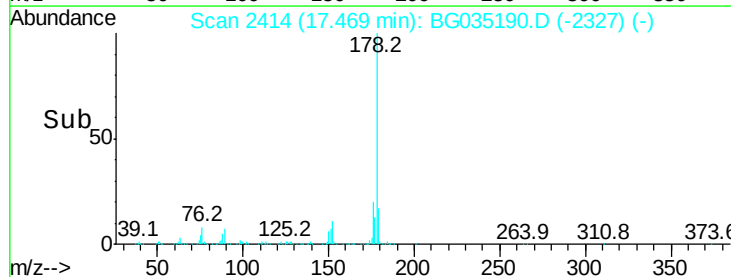
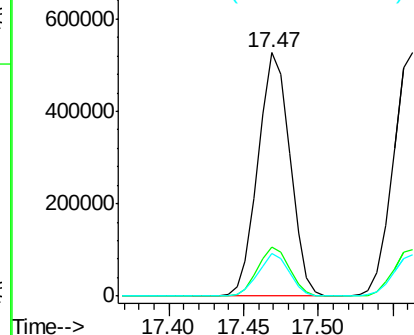
Lab File: BG035190.D

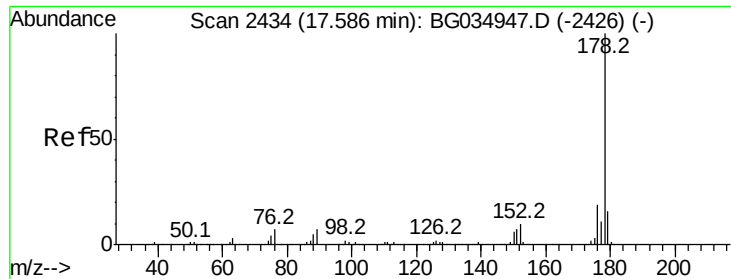
Acq: 16 Jun 2018 2:49

Tgt Ion:	178	Resp:	780894
Ion Ratio		Lower	Upper
178	100		
176	20.4	15.7	23.5
179	17.5	12.5	18.7



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





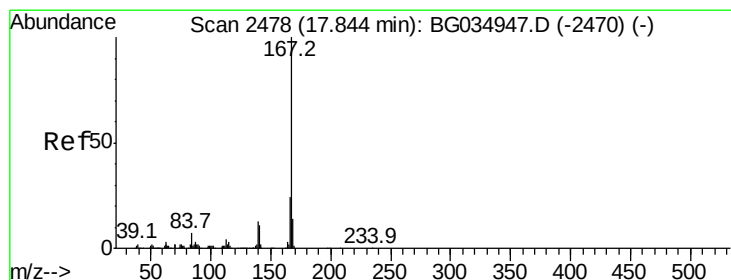
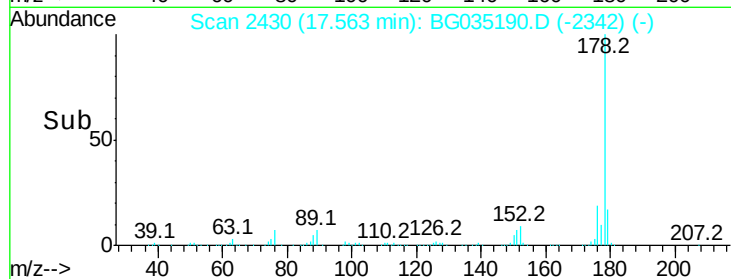
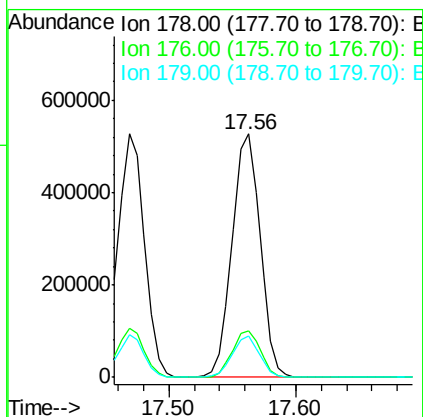
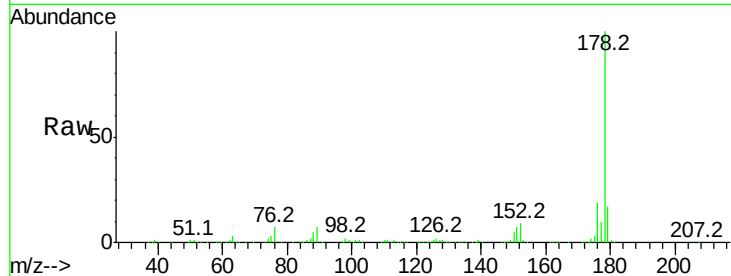
#71
 Anthracene
 Concen: 44.838 ng
 RT: 17.56 min Scan# 2430
 Delta R.T. -0.01 min
 Lab File: BG035190.D
 Acq: 16 Jun 2018 2:49

Instrument :
 BNA_G
 ClientSampleId :
 PB110191BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.0	24.0
179	17.1	12.5	18.7

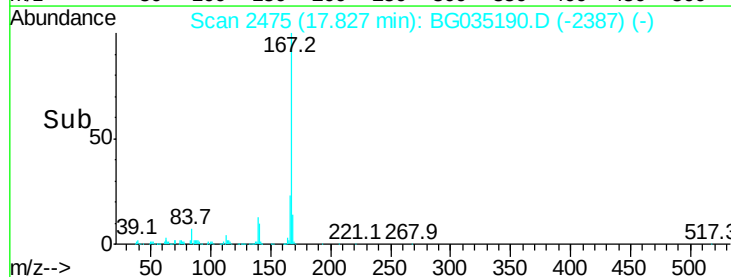
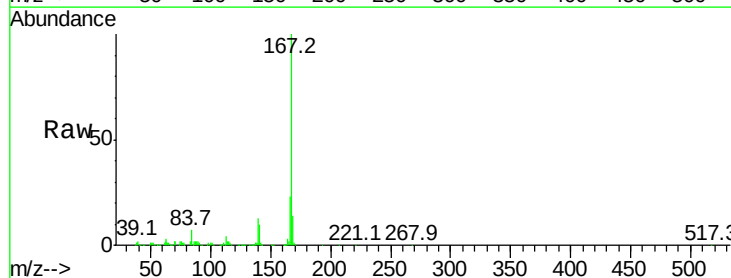
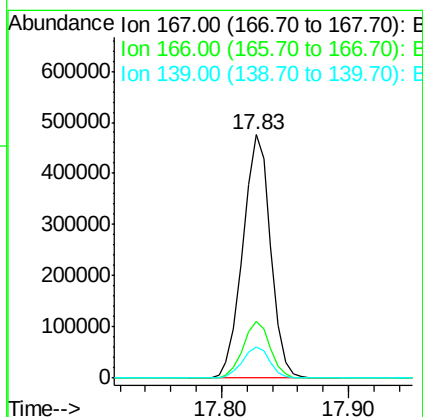
Manual Integrations
 APPROVED

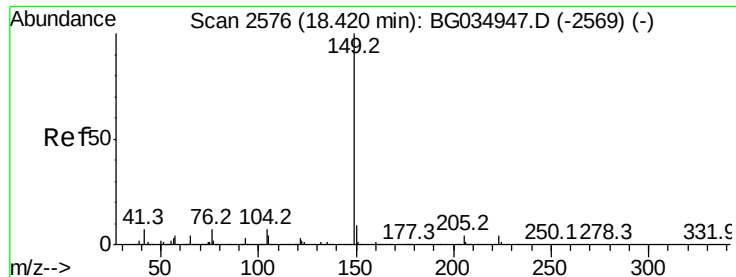
Sohil
 6/18/2018 10:42:57 AM



#72
 Carbazole
 Concen: 43.320 ng
 RT: 17.83 min Scan# 2475
 Delta R.T. -0.01 min
 Lab File: BG035190.D
 Acq: 16 Jun 2018 2:49

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.3	18.2	27.4
139	12.8	9.4	14.2





#73

Di-n-butylphthalate

Concen: 41.566 ng

RT: 18.39 min Scan# 2570

Delta R.T. -0.02 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

Instrument :

BNA_G

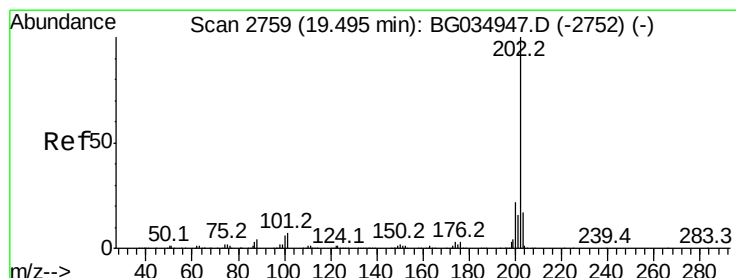
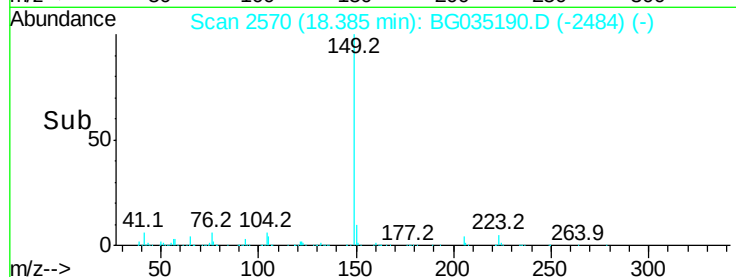
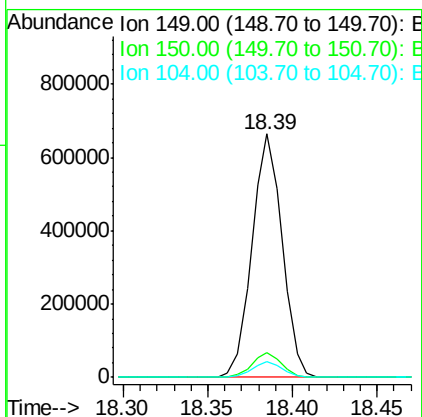
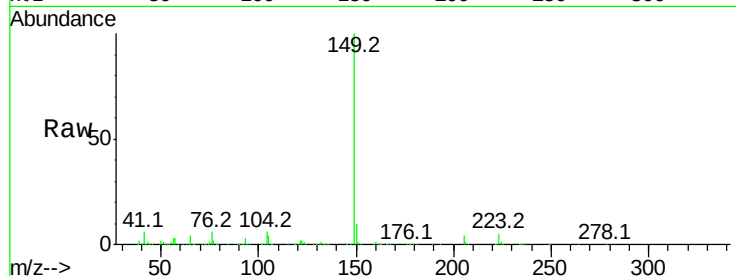
ClientSampleId :

PB110191BS

Tot Ion:	149	Resp:	825150
Ion Ratio	Lower	Upper	
149	100		
150	10.0	7.8	11.6
104	6.3	3.9	5.9#

Manual Integrations
APPROVED

Sohil
6/18/2018 10:42:57 AM



#74

Fluoranthene

Concen: 44.132 ng

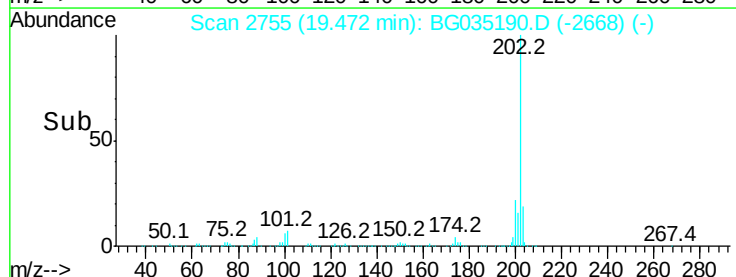
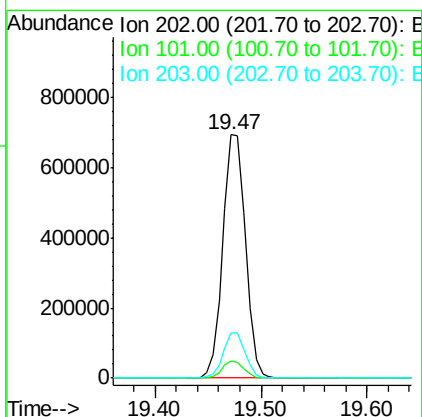
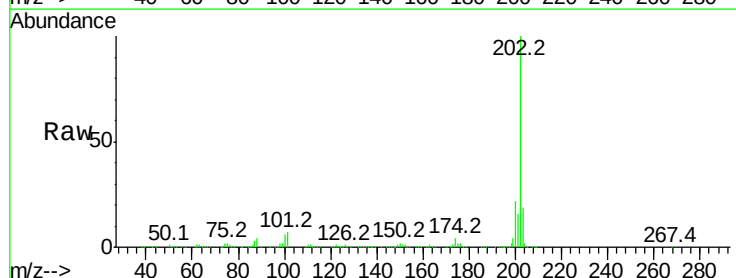
RT: 19.47 min Scan# 2755

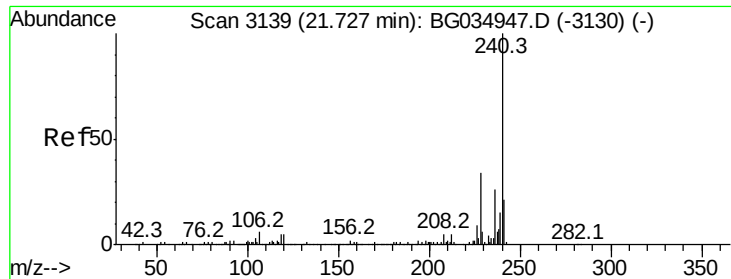
Delta R.T. -0.02 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

Tgt Ion:	202	Resp:	1029120
Ion Ratio	Lower	Upper	
202	100		
101	7.2	0.0	28.9
203	18.8	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3134

Delta R.T. -0.02 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

Instrument :

BNA_G

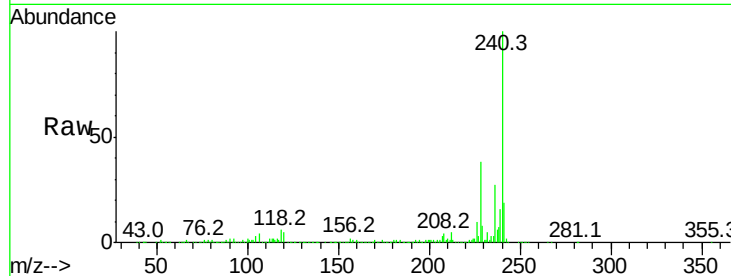
ClientSampleId :

PB110191BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	5.3	6.8	10.2#
236	26.8	20.9	31.3

Manual Integrations
APPROVED

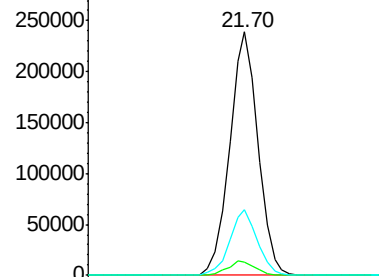
Sohil
6/18/2018 10:42:57 AM



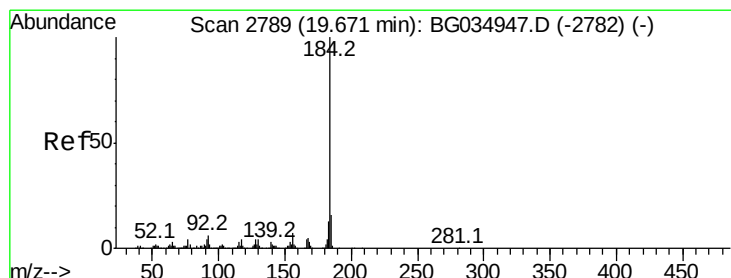
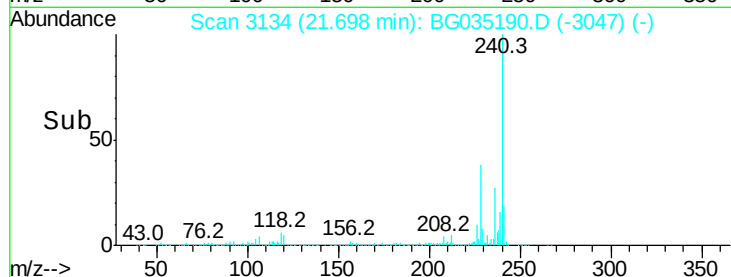
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#76

Benzidine

Concen: 25.674 ng

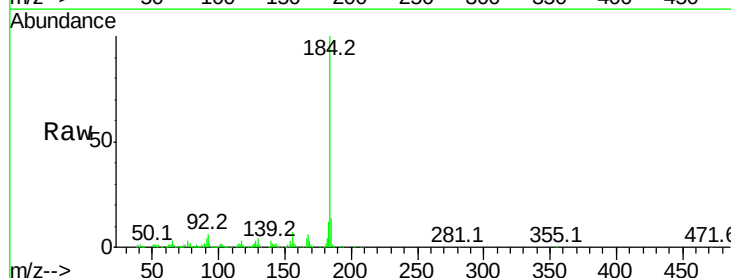
RT: 19.65 min Scan# 2785

Delta R.T. -0.02 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

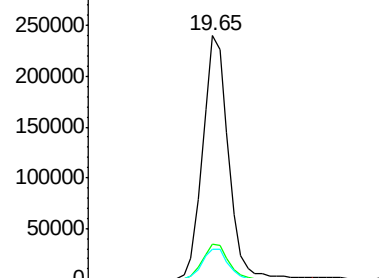
Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.1	16.7
183	12.4	10.6	16.0



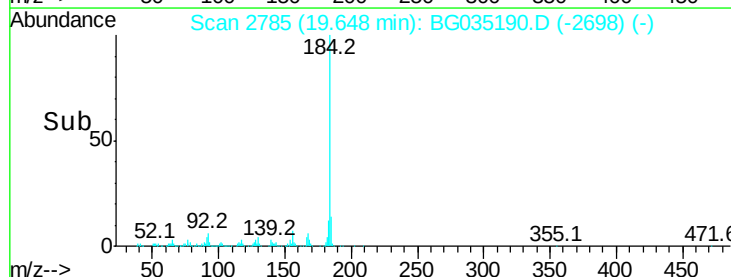
Abundance Ion 184.00 (183.70 to 184.70): E

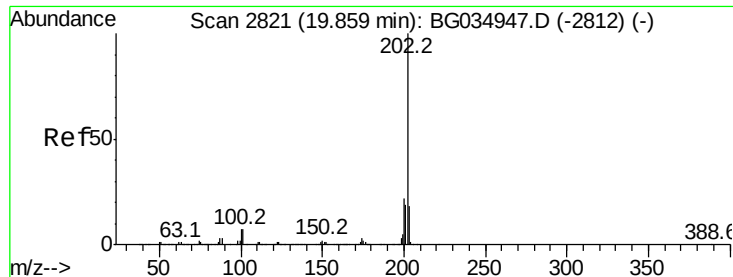
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->





#77

Pvrene

Concen: 41.629 ng

RT: 19.84 min Scan# 2817

Delta R.T. -0.01 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

Instrument :

BNA_G

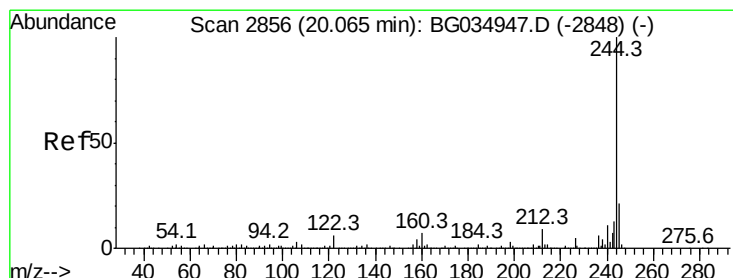
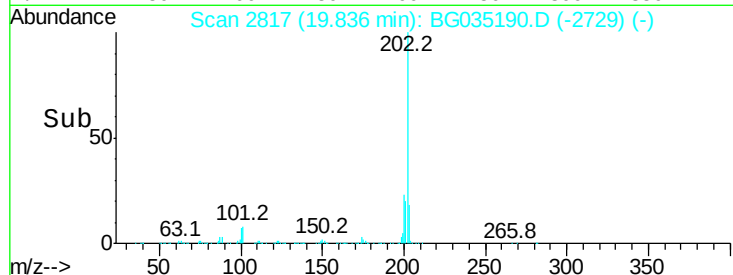
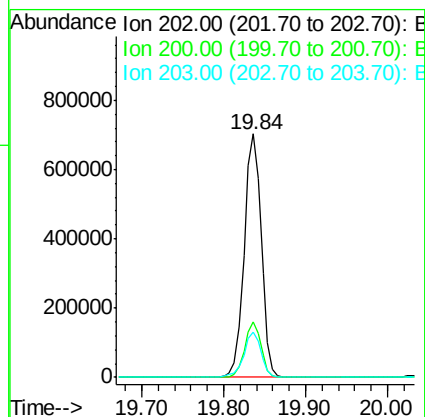
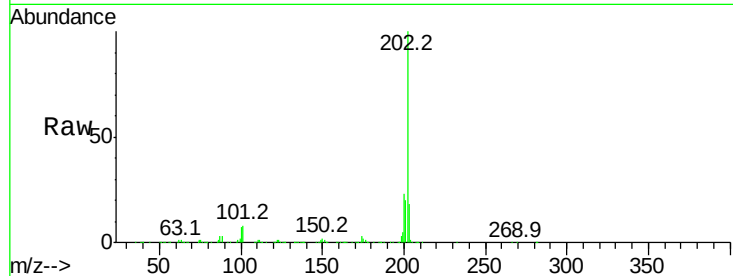
ClientSampleId :

PB110191BS

Tot Ion:	202	Resp:	1018869
Ion	Ratio	Lower	Upper
202	100		
200	22.6	16.9	25.3
203	18.4	13.9	20.9

Manual Integrations
APPROVED

Sohil
6/18/2018 10:42:57 AM



#78

Terphenyl-d14

Concen: 88.319 ng

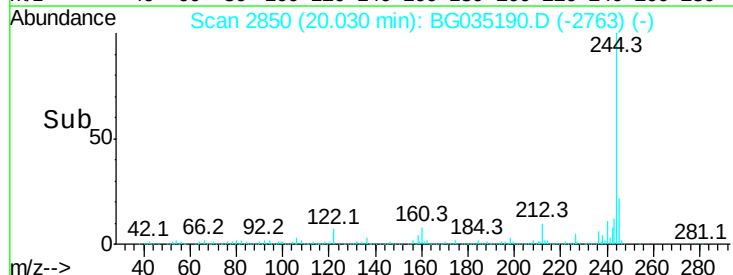
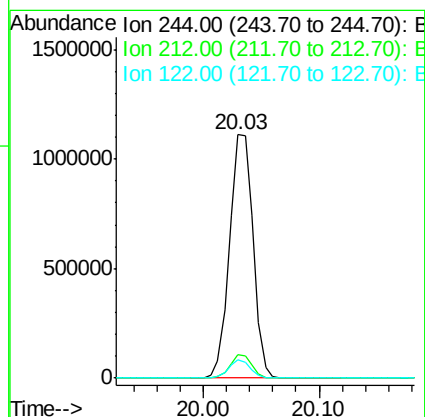
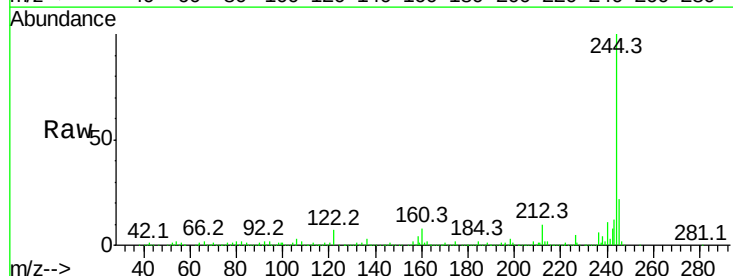
RT: 20.03 min Scan# 2850

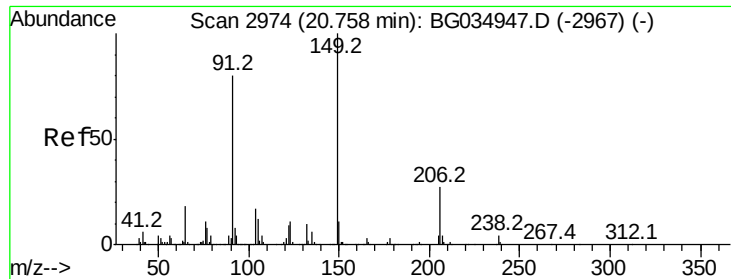
Delta R.T. -0.02 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

Tgt Ion:	244	Resp:	1565374
Ion	Ratio	Lower	Upper
244	100		
212	9.8	5.8	8.8#
122	7.4	7.0	10.4





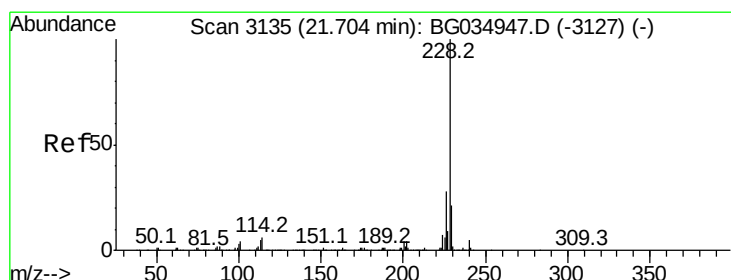
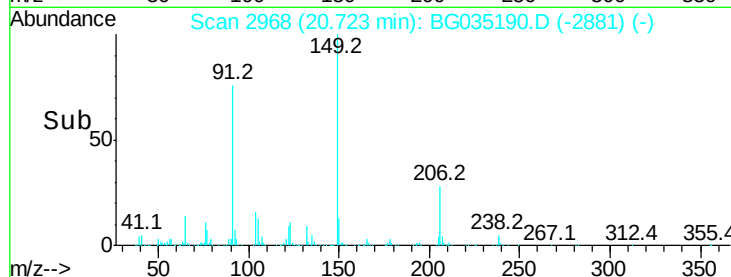
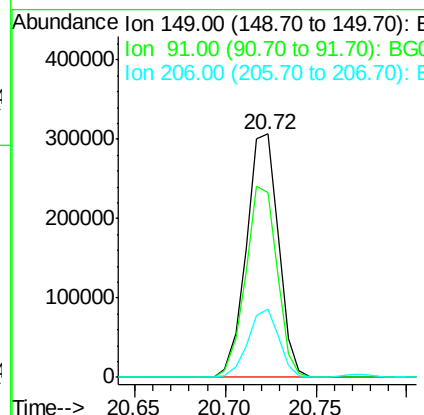
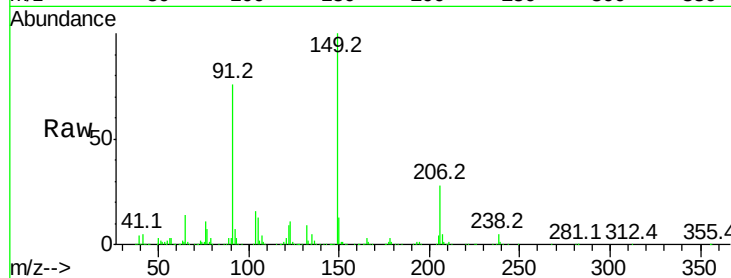
#79
Butylbenzylphthalate
Concen: 42.661 ng
RT: 20.72 min Scan# 2968
Delta R.T. -0.02 min
Lab File: BG035190.D
Acq: 16 Jun 2018 2:49

Instrument :
BNA_G
ClientSampleId :
PB110191BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	379142		
91	75.8	62.2	93.2	
206	28.0	18.6	27.8	

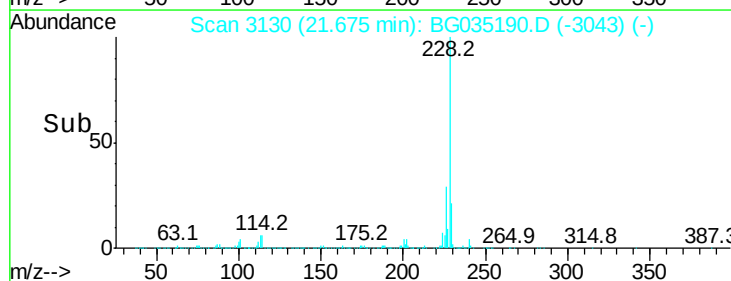
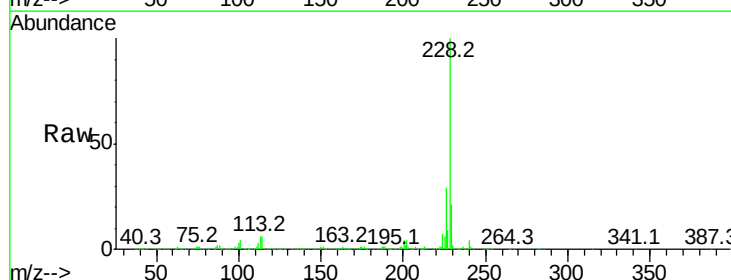
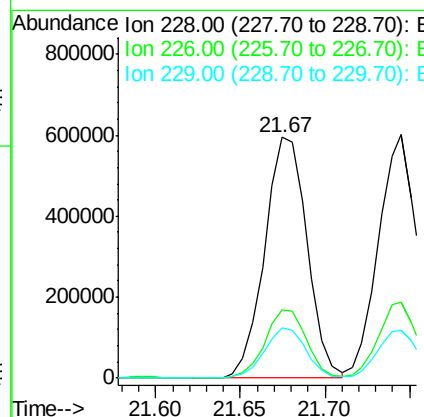
Manual Integrations
APPROVED

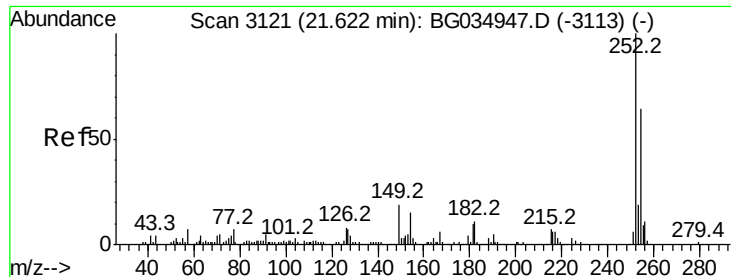
Sohil
6/18/2018 10:42:57 AM



#80
Benzo(a)anthracene
Concen: 43.728 ng
RT: 21.67 min Scan# 3130
Delta R.T. -0.02 min
Lab File: BG035190.D
Acq: 16 Jun 2018 2:49

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1037443		
226	28.6	22.7	34.1	
229	21.0	16.2	24.2	





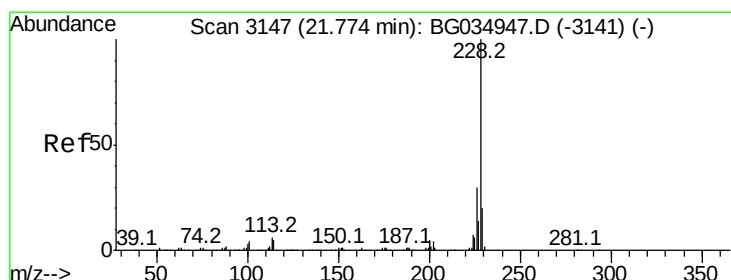
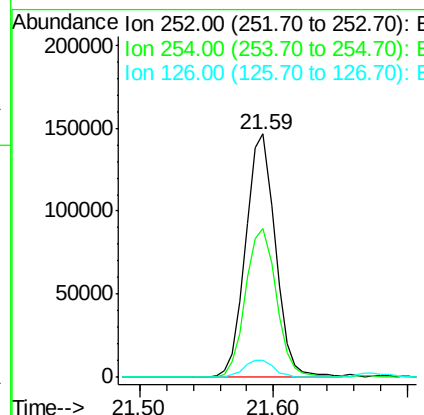
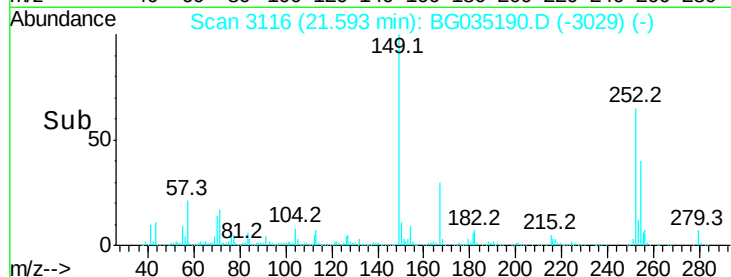
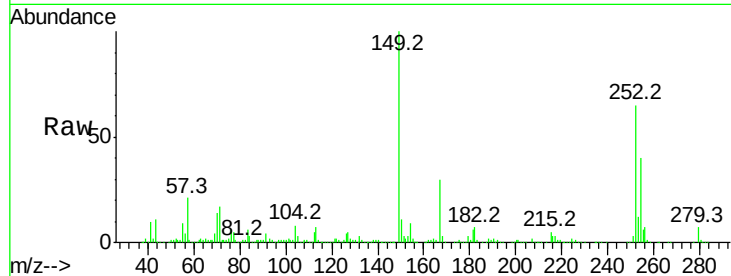
#81
 3,3'-Dichlorobenzidine
 Concen: 25.243 ng
 RT: 21.59 min Scan# 3116
 Delta R.T. -0.02 min
 Lab File: BG035190.D
 Acq: 16 Jun 2018 2:49

Instrument :
 BNA_G
 ClientSampleId :
 PB110191BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	60.9	50.8	76.2
126	6.9	7.4	11.2#

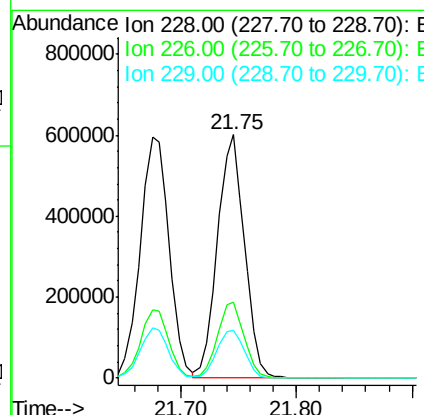
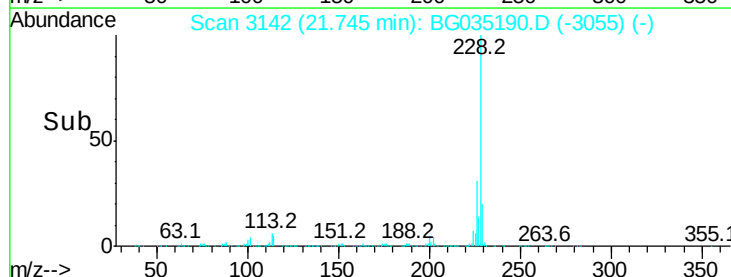
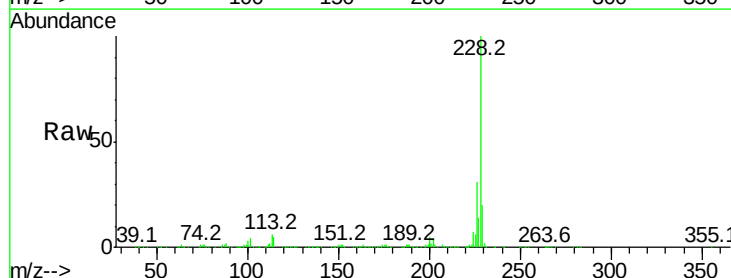
Manual Integrations
 APPROVED

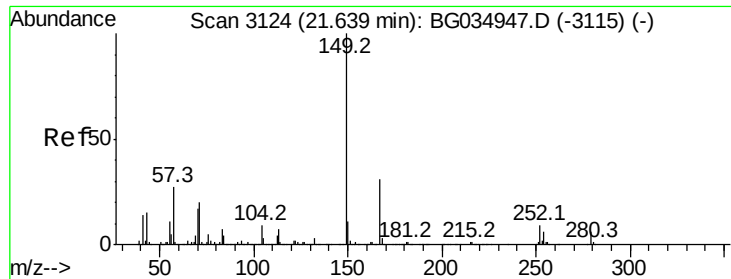
Sohil
 6/18/2018 10:42:57 AM



#82
 Chrysene
 Concen: 44.780 ng
 RT: 21.75 min Scan# 3142
 Delta R.T. -0.02 min
 Lab File: BG035190.D
 Acq: 16 Jun 2018 2:49

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.0	24.9	37.3
229	19.7	15.0	22.4





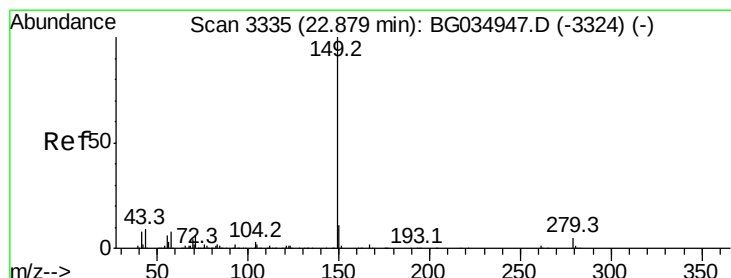
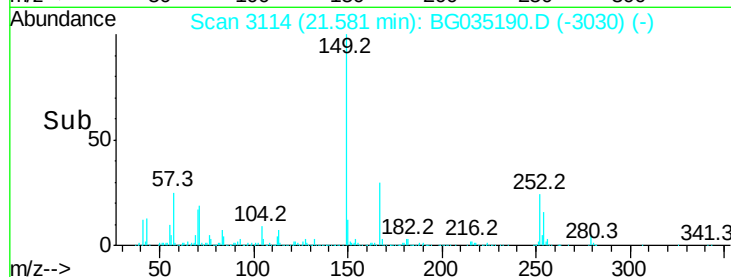
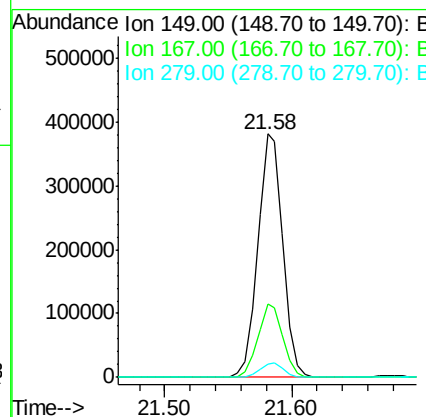
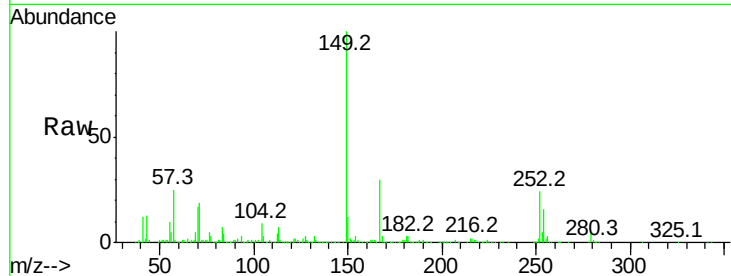
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.455 ng
 RT: 21.58 min Scan# 3114
 Delta R.T. -0.04 min
 Lab File: BG035190.D
 Acq: 16 Jun 2018 2:49

Instrument :
 BNA_G
 ClientSampleID :
 PB110191BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	30.1	24.3	36.5
279	5.3	4.0	6.0

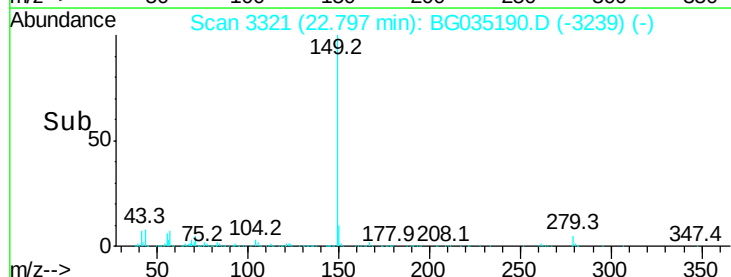
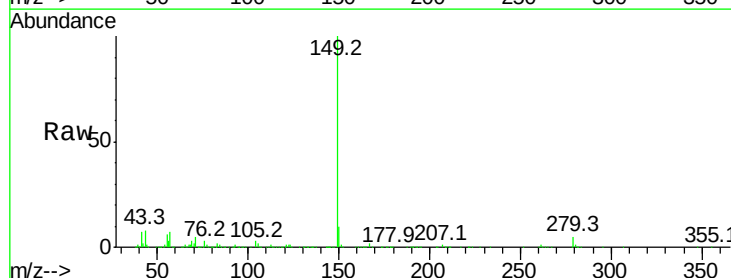
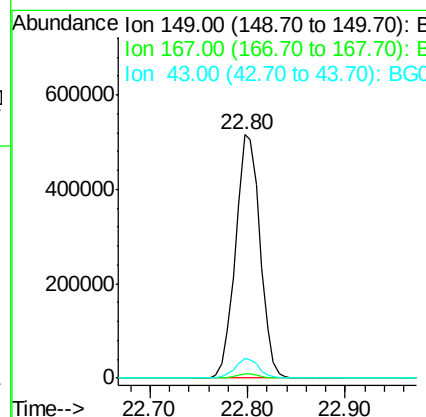
Manual Integrations
 APPROVED

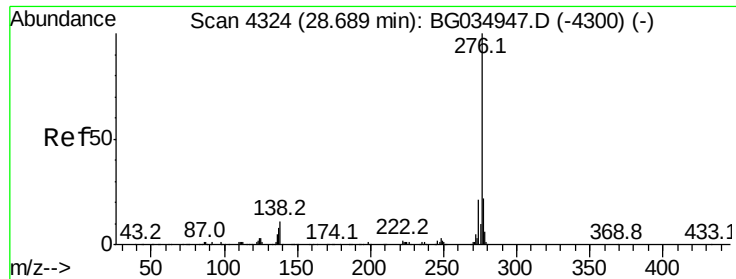
Sohil
 6/18/2018 10:42:57 AM



#84
 Di-n-octyl phthalate
 Concen: 41.513 ng
 RT: 22.80 min Scan# 3321
 Delta R.T. -0.05 min
 Lab File: BG035190.D
 Acq: 16 Jun 2018 2:49

Tgt Ion	Ratio	Resp 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: 41.948 ng

RT: 28.61 min Scan# 4310

Delta R.T. -0.05 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

Instrument :

BNA_G

ClientSampleId :

PB110191BS

Tot Ion:276 Resp: 1067184

Ion Ratio Lower Upper

276 100

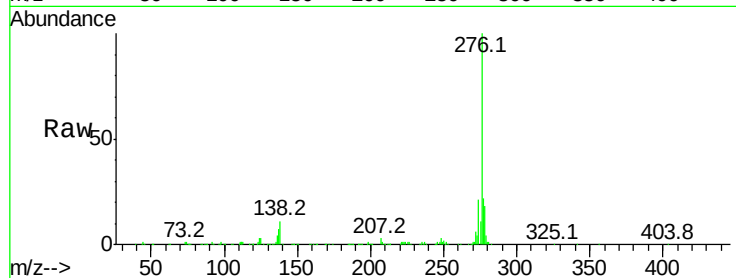
138 8.0 16.0 24.0#

277 25.3 20.0 30.0

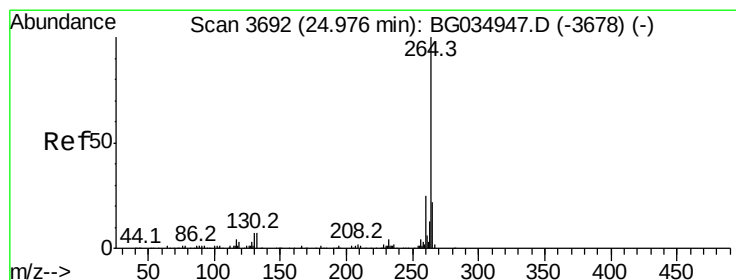
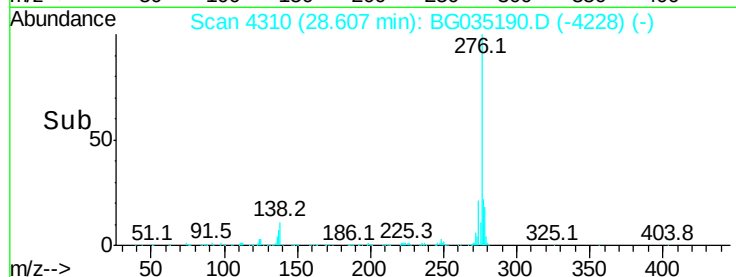
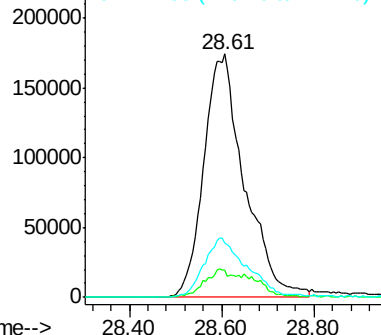
Manual Integrations
APPROVED

Sohil

6/18/2018 10:42:57 AM



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.92 min Scan# 3682

Delta R.T. -0.04 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

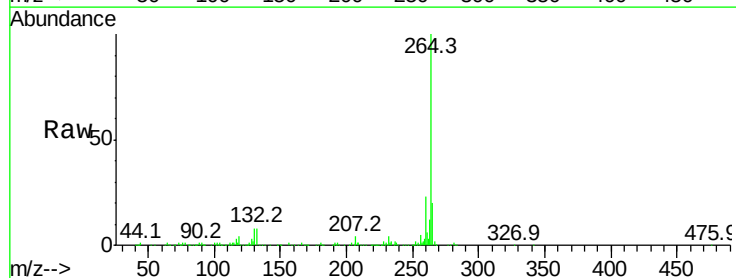
Tgt Ion:264 Resp: 370689

Ion Ratio Lower Upper

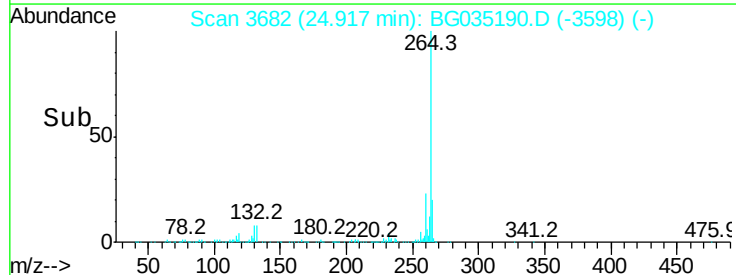
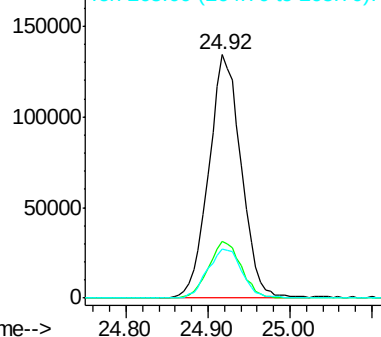
264 100

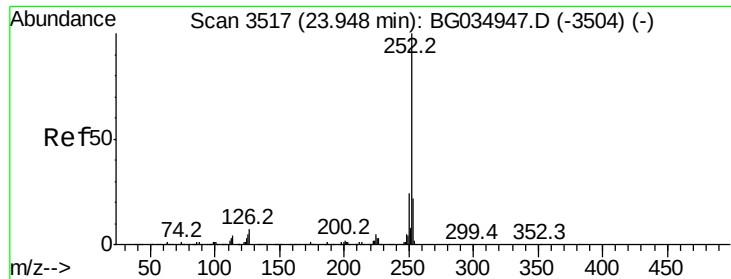
260 23.2 17.4 26.0

265 20.3 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 43.492 ng

RT: 23.90 min Scan# 3509

Delta R.T. -0.02 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

Instrument :

BNA_G

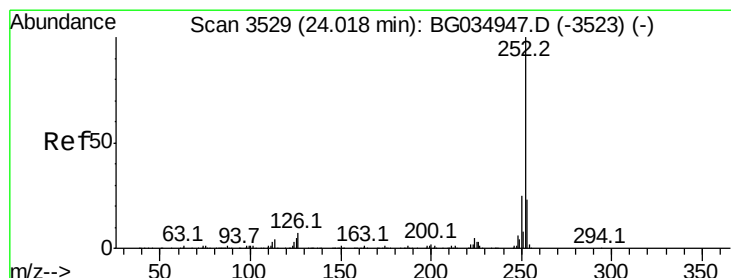
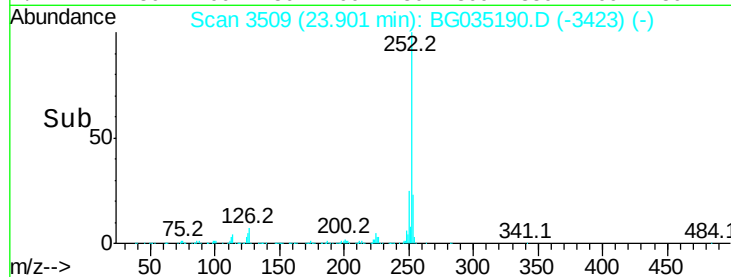
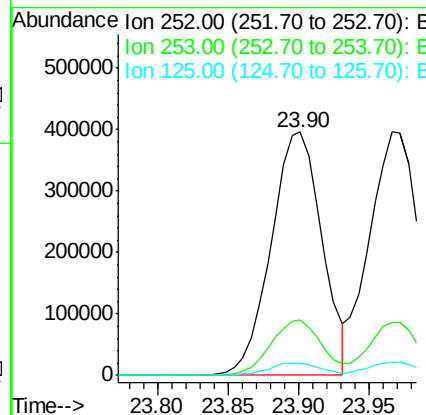
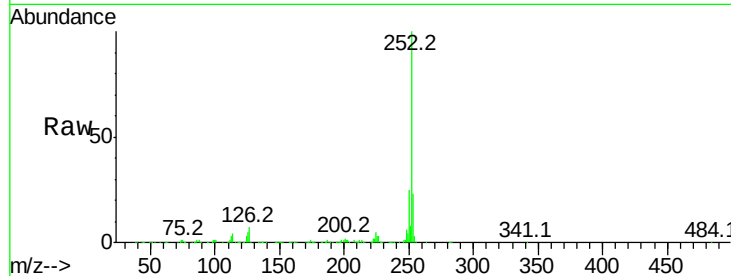
ClientSampled :

PB110191BS

Tot Ion:	252	Resp:	992831
Ion Ratio	Lower	Upper	
252	100		
253	22.6	18.2	27.4
125	5.2	7.2	10.8#

Manual Integrations
APPROVED

Sohil
6/18/2018 10:42:57 AM



#88

Benzo(k)fluoranthene

Concen: 43.558 ng

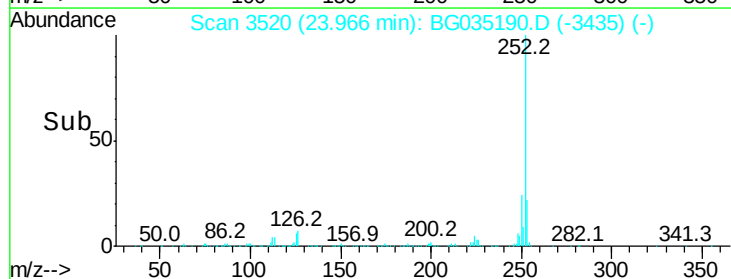
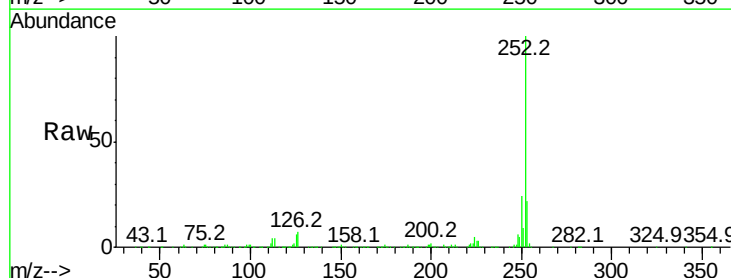
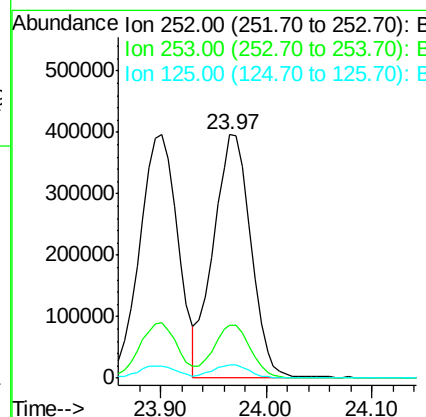
RT: 23.97 min Scan# 3520

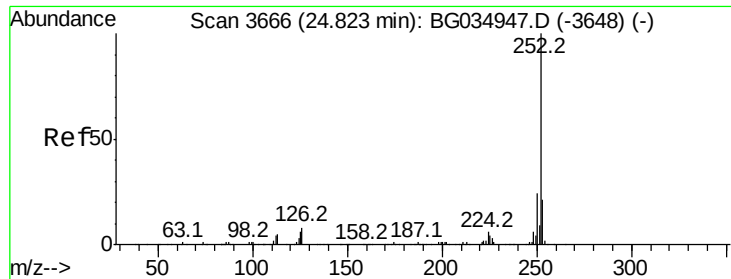
Delta R.T. -0.03 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

Tgt Ion:	252	Resp:	972680
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.4	26.2
125	5.6	6.6	9.8#





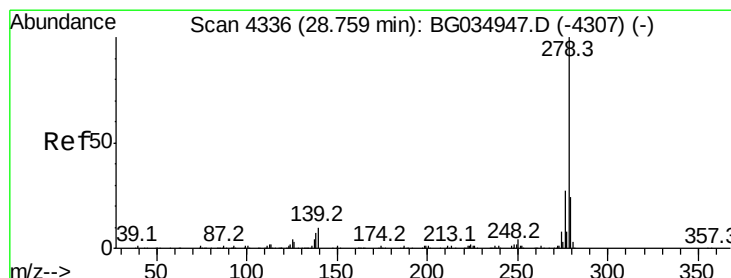
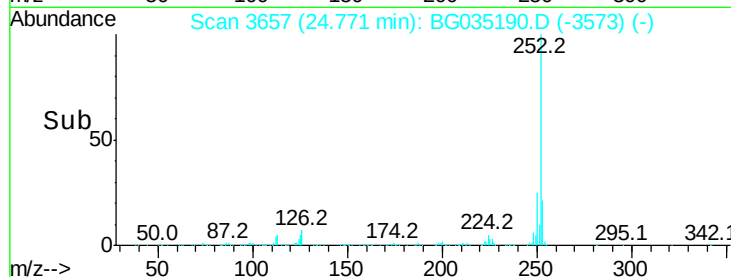
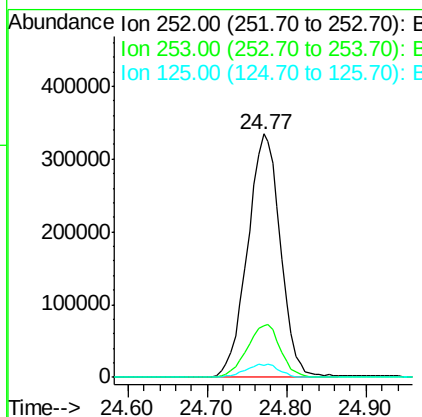
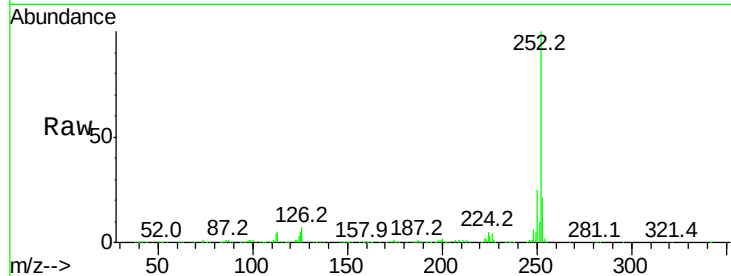
#89
Benzo(a)pyrene
Concen: 44.916 ng
RT: 24.77 min Scan# 3657
Delta R.T. -0.04 min
Lab File: BG035190.D
Acq: 16 Jun 2018 2:49

Instrument :
BNA_G
ClientSampleId :
PB110191BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.3	27.5
125	5.2	7.3	10.9#

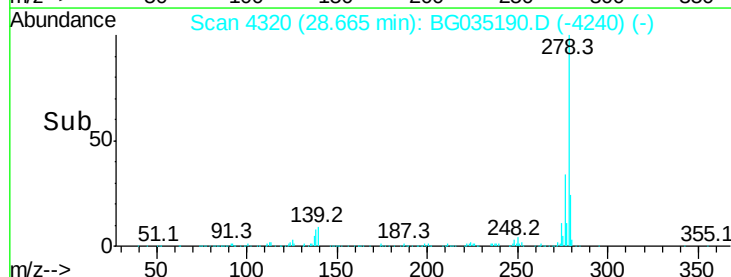
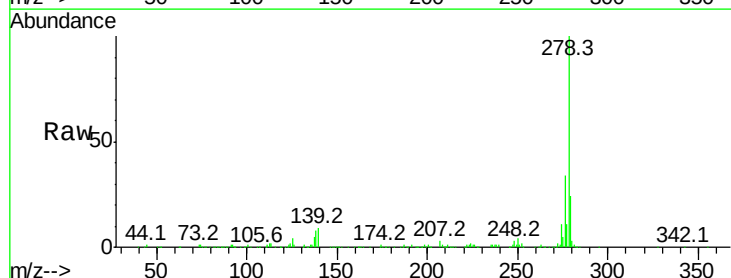
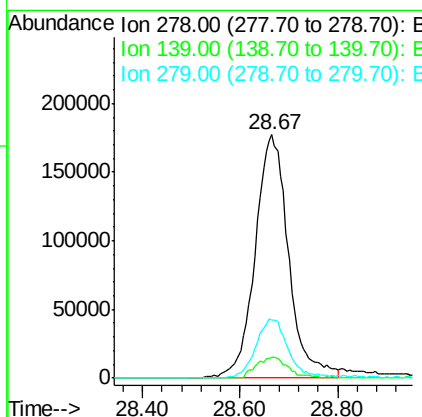
Manual Integrations
APPROVED

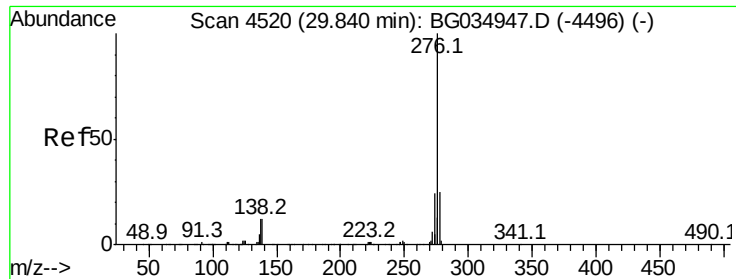
Sohil
6/18/2018 10:42:57 AM



#90
Dibenzo(a,h)anthracene
Concen: 39.910 ng
RT: 28.67 min Scan# 4320
Delta R.T. -0.06 min
Lab File: BG035190.D
Acq: 16 Jun 2018 2:49

Tgt Ion	Ratio	Lower	Upper
278	100		
139	8.8	9.8	14.6#
279	24.0	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 41.935 ng
 RT: 29.76 min Scan# 4506
 Delta R.T. -0.05 min
 Lab File: BG035190.D
 Acq: 16 Jun 2018 2:49

Instrument :
 BNA_G
 ClientSampleId :
 PB110191BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.3	27.5
138	12.3	13.9	20.9

Manual Integrations
 APPROVED

Sohil
 6/18/2018 10:42:57 AM

