

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072018\
 Data File : BG035791.D
 Acq On : 20 Jul 2018 19:27
 Operator : JU/SJ
 Sample : PB111092BSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111092BSD

Manual Integrations
 APPROVED

Sohil
 7/23/2018 2:19:04 PM

Quant Time: Jul 21 00:56:46 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 15:28:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	39504	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	147539	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	101452	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	265910	20.00	ng	0.00
75) Chrysene-d12	21.66	240	289781	20.00	ng	0.00
86) Perylene-d12	24.86	264	275795	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	352273	148.05	ng	0.00
7) Phenol-d6	7.20	99	507432	142.94	ng	0.00
23) Nitrobenzene-d5	9.19	82	322371	91.28	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	209008	156.30	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	729669	96.36	ng	0.00
78) Terphenyl-d14	20.00	244	1299825	98.87	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	41243	34.056	ng	# 75
3) Pyridine	3.92	79	109805	34.731	ng	# 71
4) n-Nitrosodimethylamine	3.83	42	49098	36.168	ng	# 71
6) Aniline	7.35	93	128712	27.972	ng	97
8) 2-Chlorophenol	7.60	128	113400	46.860	ng	96
9) Benzaldehyde	7.17	77	72481	33.275	ng	93
10) Phenol	7.23	94	164876	45.970	ng	98
11) bis(2-Chloroethyl)ether	7.45	93	114038	40.600	ng	88
12) 1,3-Dichlorobenzene	7.92	146	126695	43.353	ng	97
13) 1,4-Dichlorobenzene	8.06	146	129266	43.535	ng	93
14) 1,2-Dichlorobenzene	8.38	146	119938	42.047	ng	96
15) Benzyl Alcohol	8.27	79	127421	39.525	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.54	45	127043	53.949	ng	76
17) 2-Methylphenol	8.47	107	110092	45.147	ng	95
18) Hexachloroethane	9.11	117	49842	43.902	ng	94
19) n-Nitroso-di-n-propylamine	8.83	70	100558	33.638	ng	# 82
20) 3+4-Methylphenols	8.80	107	149146	44.088	ng	96
22) Acetophenone	8.85	105	188236	41.028	ng	# 92
24) Nitrobenzene	9.23	77	154699	43.554	ng	94
25) Isophorone	9.75	82	286540	43.705	ng	100
26) 2-Nitrophenol	9.94	139	64729	51.313	ng	# 87
27) 2,4-Dimethylphenol	10.00	122	115156	53.930	ng	89
28) bis(2-Chloroethoxy)methane	10.23	93	156024	43.189	ng	# 91
29) 2,4-Dichlorophenol	10.48	162	124070	50.901	ng	91
30) 1,2,4-Trichlorobenzene	10.69	180	137698	46.070	ng	96
31) Naphthalene	10.88	128	337934	43.971	ng	99
32) Benzoic acid	10.16	122	51725m	35.984	ng	
33) 4-Chloroaniline	10.99	127	60092	17.940	ng	97
34) Hexachlorobutadiene	11.16	225	105933	45.452	ng	96
35) Caprolactam	11.76	113	42243m	40.385	ng	
36) 4-Chloro-3-methylphenol	12.12	107	151202	46.279	ng	91
37) 2-Methylnaphthalene	12.48	142	264388	46.175	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	179115	46.777	ng	98
40) Hexachlorocyclopentadiene	12.83	237	245119	122.061	ng	92

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072018\
 Data File : BG035791.D
 Acq On : 20 Jul 2018 19:27
 Operator : JU/SJ
 Sample : PB111092BSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 PB111092BSD

Manual Integrations
 APPROVED

Sohil
 7/23/2018 2:19:04 PM

Quant Time: Jul 21 00:56:46 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 15:28:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	114979	51.346	ng	97
43) 2,4,5-Trichlorophenol	13.17	196	125542	50.115	ng	96
45) 1,1'-Biphenyl	13.49	154	364520	46.344	ng	98
46) 2-Chloronaphthalene	13.53	162	289444	47.309	ng	98
47) 2-Nitroaniline	13.73	65	98774	45.666	ng	99
48) Acenaphthylene	14.38	152	469362	45.798	ng	97
49) Dimethylphthalate	14.11	163	394396	44.371	ng	99
50) 2,6-Dinitrotoluene	14.23	165	87309	48.235	ng	90
51) Acenaphthene	14.72	154	273394	42.824	ng	98
52) 3-Nitroaniline	14.57	138	46698	25.242	ng	# 88
53) 2,4-Dinitrophenol	14.77	184	65384	71.047	ng	# 60
54) Dibenzofuran	15.05	168	459332	45.240	ng	95
55) 4-Nitrophenol	14.88	139	124807	94.729	ng	91
56) 2,4-Dinitrotoluene	15.01	165	129208	49.757	ng	90
57) Fluorene	15.70	166	386139	45.375	ng	95
58) 2,3,4,6-Tetrachlorophenol	15.28	232	121052	50.399	ng	# 92
59) Diethylphthalate	15.46	149	391802	42.867	ng	98
60) 4-Chlorophenyl-phenylether	15.69	204	224391	44.863	ng	94
61) 4-Nitroaniline	15.72	138	83511	43.154	ng	88
62) Azobenzene	15.98	77	390946	43.364	ng	95
64) 4,6-Dinitro-2-methylphenol	15.78	198	57117	38.587	ng	83
65) n-Nitrosodiphenylamine	15.91	169	339770	44.891	ng	98
66) 4-Bromophenyl-phenylether	16.58	248	146537	47.500	ng	94
67) Hexachlorobenzene	16.70	284	153958	48.461	ng	95
68) Atrazine	16.85	200	154681	49.636	ng	97
69) Pentachlorophenol	17.05	266	115728	59.805	ng	95
70) Phenanthrene	17.44	178	619650	46.701	ng	99
71) Anthracene	17.53	178	630736	47.740	ng	96
72) Carbazole	17.80	167	570724	45.487	ng	98
73) Di-n-butylphthalate	18.35	149	665240	44.867	ng	# 98
74) Fluoranthene	19.44	202	817249	45.727	ng	96
76) Benzidine	19.62	184	269715	35.403	ng	98
77) Pyrene	19.81	202	814193	44.435	ng	98
79) Butylbenzylphthalate	20.69	149	304673	46.498	ng	95
80) Benzo(a)anthracene	21.64	228	827112	45.802	ng	98
81) 3,3'-Dichlorobenzidine	21.56	252	175989	27.950	ng	# 99
82) Chrysene	21.71	228	767827	45.884	ng	98
83) Bis(2-ethylhexyl)phthalate	21.54	149	425963	47.818	ng	98
84) Di-n-octyl phthalate	22.74	149	716957	48.068	ng	# 93
85) Indeno(1,2,3-cd)pyrene	28.51	276	877688	47.373	ng	# 93
87) Benzo(b)fluoranthene	23.84	252	781213	46.604	ng	# 96
88) Benzo(k)fluoranthene	23.91	252	770378	47.009	ng	# 98
89) Benzo(a)pyrene	24.71	252	762839	48.916	ng	# 96
90) Dibenzo(a,h)anthracene	28.56	278	730268	47.699	ng	# 95
91) Benzo(g,h,i)perylene	29.64	276	728698	48.640	ng	# 93

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

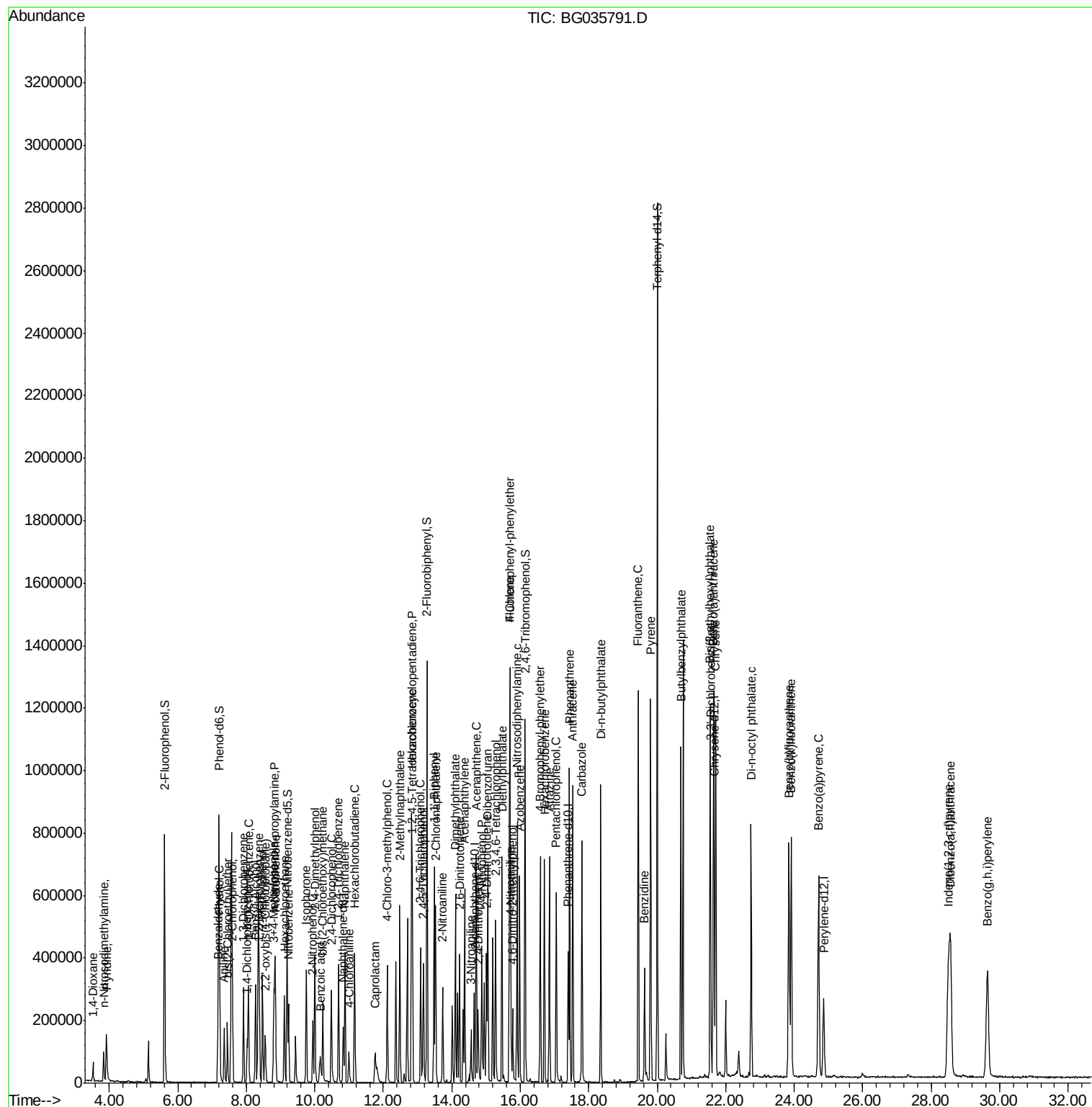
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072018\
Data File : BG035791.D
Acq On : 20 Jul 2018 19:27
Operator : JU/SJ
Sample : PB111092BSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

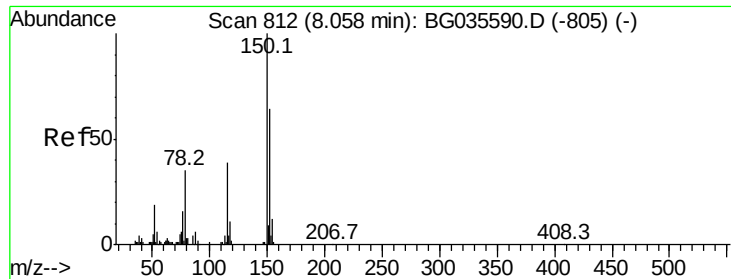
Instrument :
BNA_G
ClientSampleId :
PB111092BSD

Manual Integrations
APPROVED

Sohil
7/23/2018 2:19:04 PM

Quant Time: Jul 21 00:56:46 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 15:28:54 2018
Response via : Initial Calibration





#1

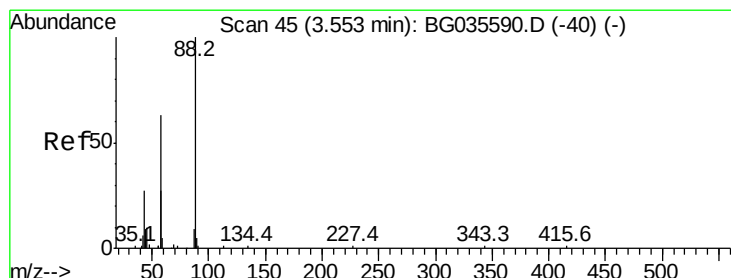
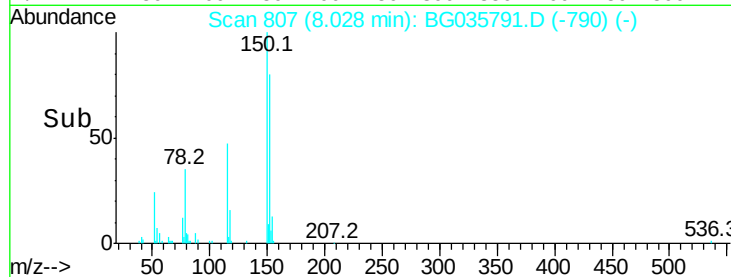
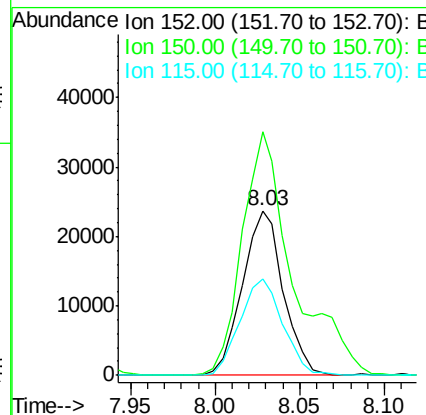
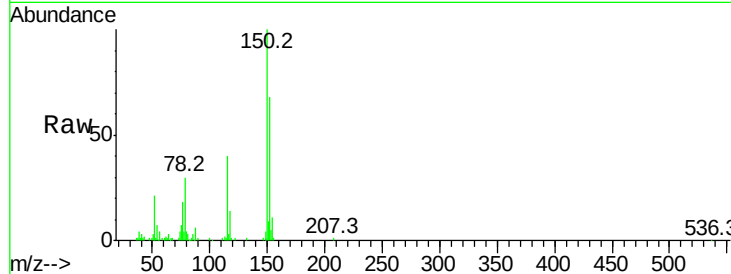
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. -0.00 min
Lab File: BG035791.D
Acq: 20 Jul 2018 19:27

Instrument :
BNA_G
ClientSampleId :
PB111092BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.9	126.6	189.8
115	58.9	53.0	79.4

Manual Integrations
APPROVED

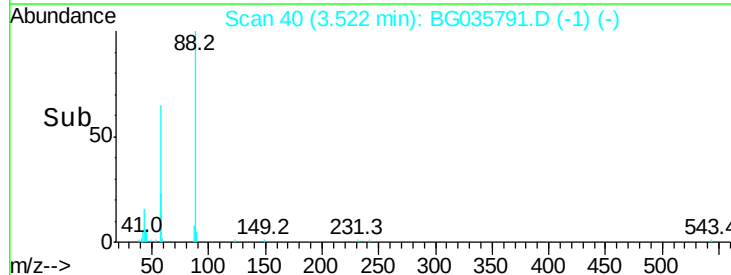
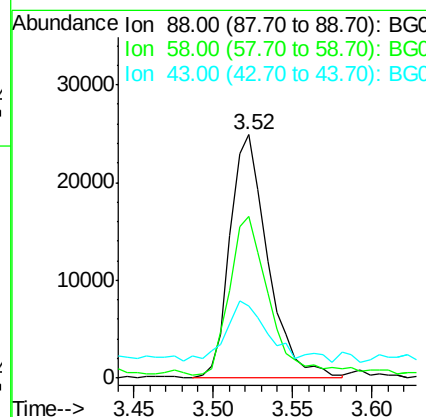
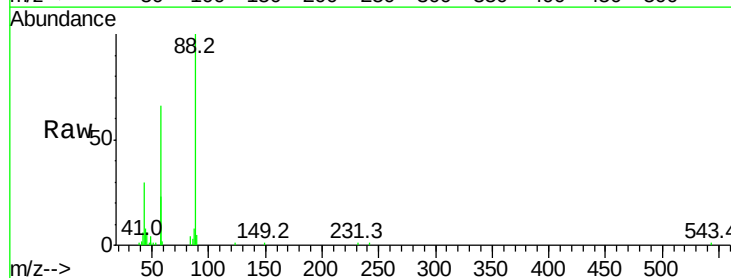
Sohil
7/23/2018 2:19:04 PM

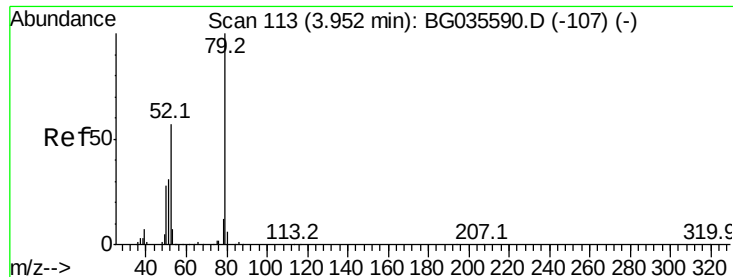


#2

1,4-Dioxane
Concen: 34.056 ng
RT: 3.52 min Scan# 40
Delta R.T. -0.01 min
Lab File: BG035791.D
Acq: 20 Jul 2018 19:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.1	79.6	119.4#
43	28.9	27.4	41.0





#3

Pvridine

Concen: 34.731 ng

RT: 3.92 min Scan# 107

Delta R.T. -0.01 min

Lab File: BG035791.D

Acq: 20 Jul 2018 19:27

Instrument :

BNA_G

ClientSampleId :

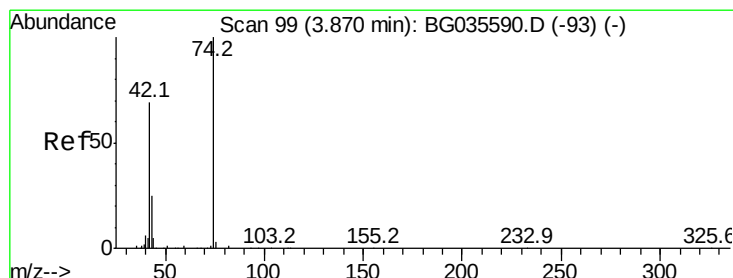
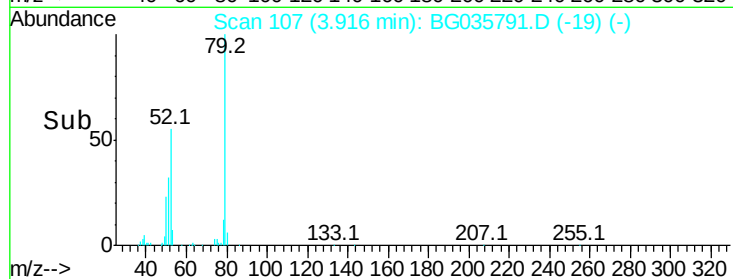
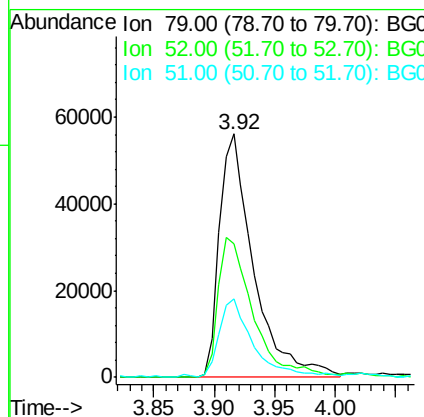
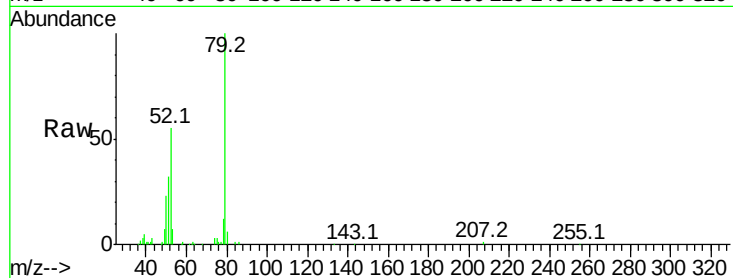
PB111092BSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	55.0	69.9	104.9#
51	32.4	34.0	51.0#

Manual Integrations
APPROVED

Sohil

7/23/2018 2:19:04 PM



#4

n-Nitrosodimethylamine

Concen: 36.168 ng

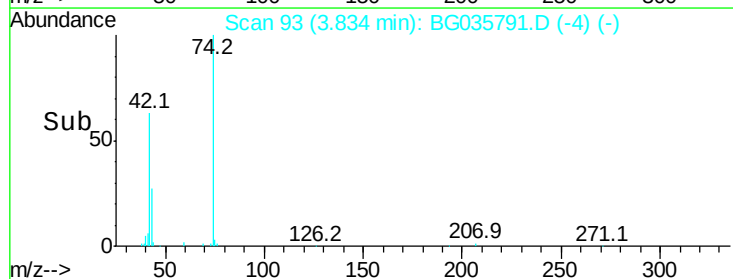
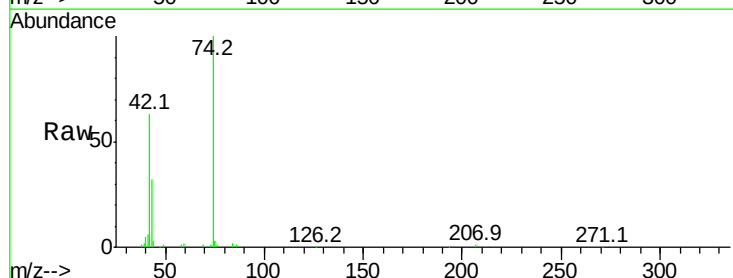
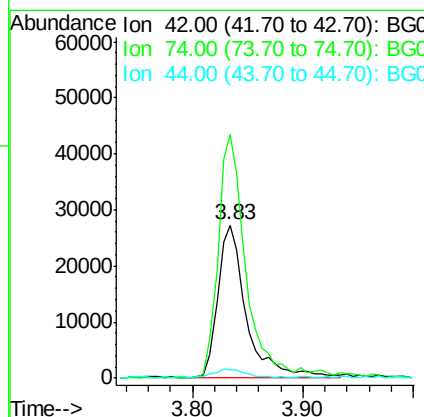
RT: 3.83 min Scan# 93

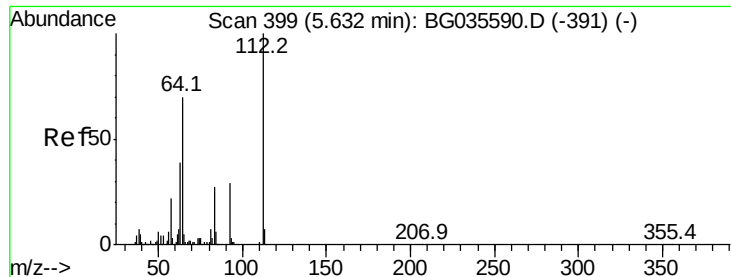
Delta R.T. -0.01 min

Lab File: BG035791.D

Acq: 20 Jul 2018 19:27

Tgt Ion	Ratio	Lower	Upper
42	100		
74	159.2	102.5	153.7#
44	5.2	18.9	28.3#





#5

2-Fluorophenol

Concen: 148.050 ng

RT: 5.61 min Scan# 396

Delta R.T. -0.00 min

Lab File: BG035791.D

Acq: 20 Jul 2018 19:27

Instrument :

BNA_G

ClientSampleId :

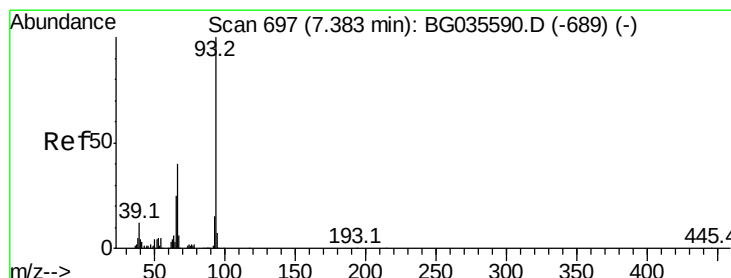
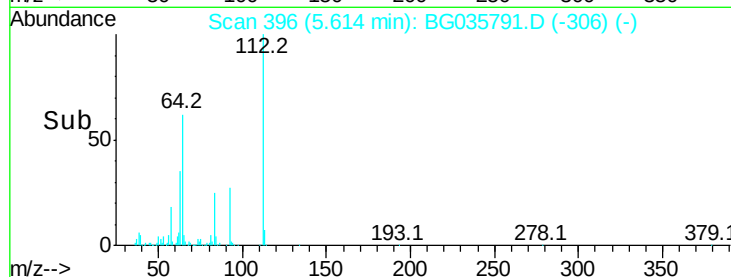
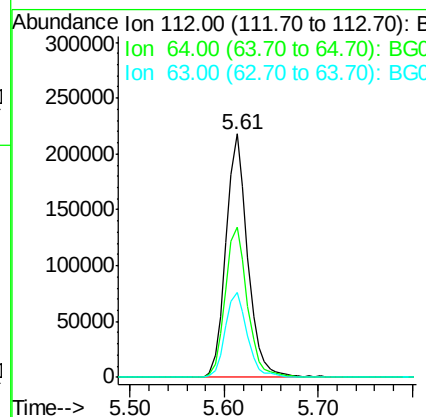
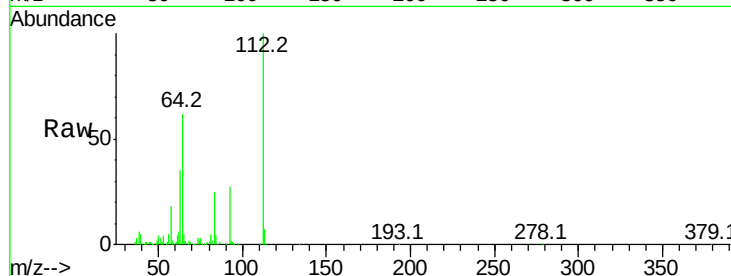
PB111092BSD

Tot Ion	Ratio	Resp	Lower	Upper
112	100	352273		
64	61.7	56.3	84.5	
63	35.0	30.1	45.1	

Manual Integrations
APPROVED

Sohil

7/23/2018 2:19:04 PM



#6

Aniline

Concen: 27.972 ng

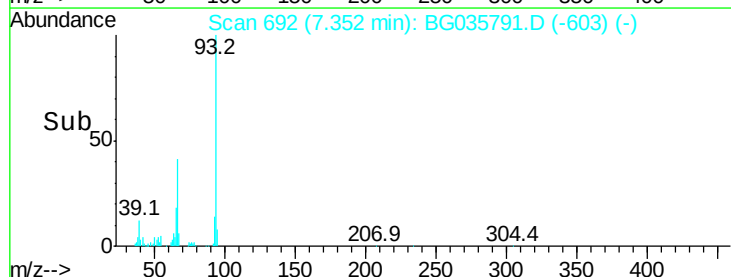
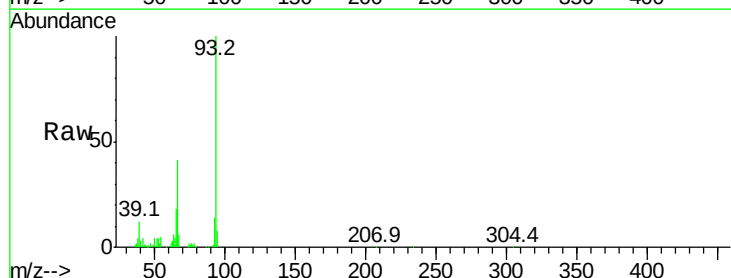
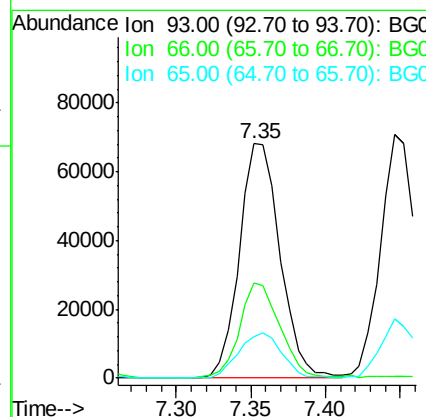
RT: 7.35 min Scan# 692

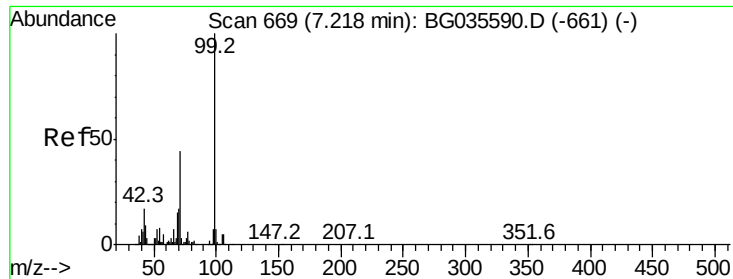
Delta R.T. -0.01 min

Lab File: BG035791.D

Acq: 20 Jul 2018 19:27

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	128712		
66	40.5	33.7	50.5	
65	17.9	16.1	24.1	





#7

Phenol-d6

Concen: 142.936 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.00 min

Lab File: BG035791.D

Acq: 20 Jul 2018 19:27

Instrument :

BNA_G

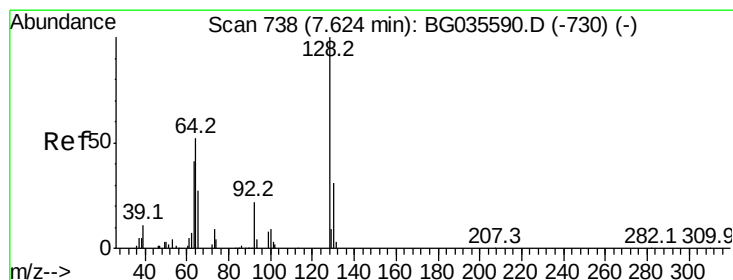
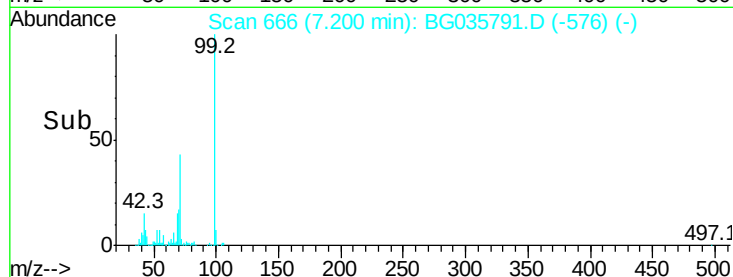
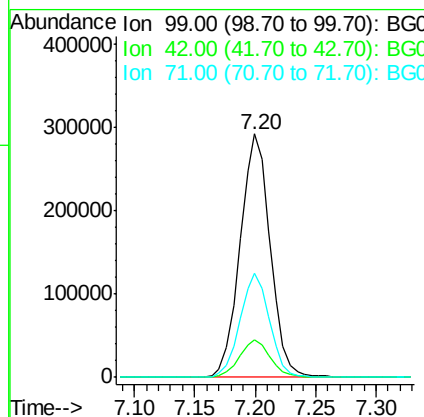
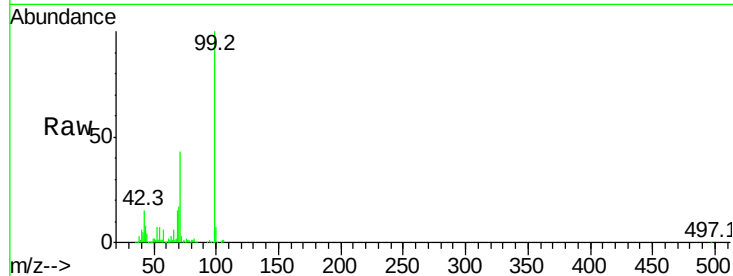
ClientSampleId :

PB111092BSD

Tot Ion:	99	Resp:	507432
Ion Ratio	Lower	Upper	
99	100		
42	15.2	14.1	21.1
71	42.5	26.1	39.1#

Manual Integrations
APPROVED

Sohil
7/23/2018 2:19:04 PM



#8

2-Chlorophenol

Concen: 46.860 ng

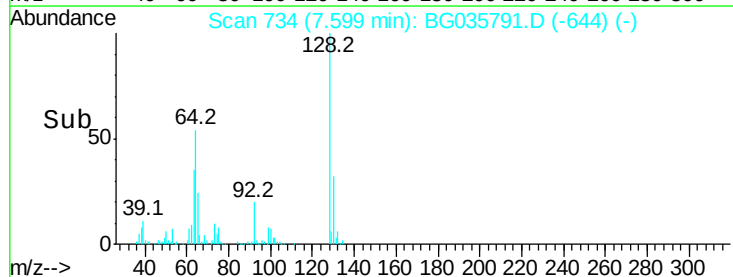
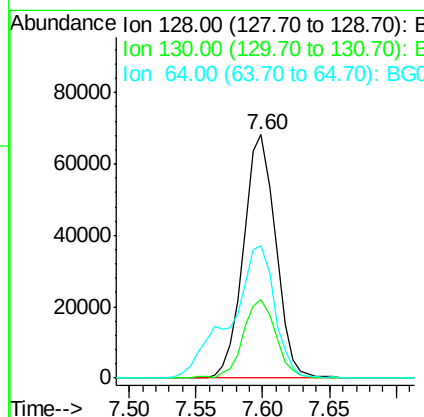
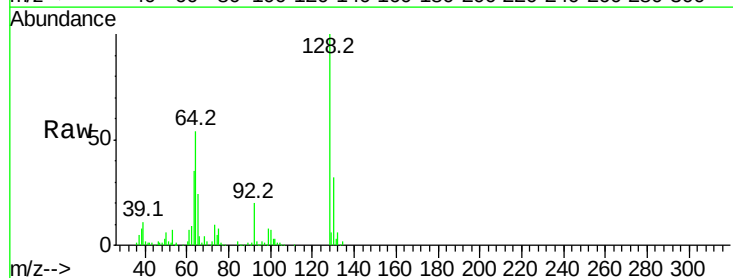
RT: 7.60 min Scan# 734

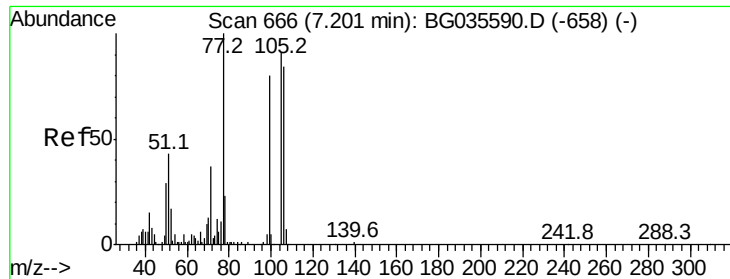
Delta R.T. -0.00 min

Lab File: BG035791.D

Acq: 20 Jul 2018 19:27

Tgt Ion:	128	Resp:	113400
Ion Ratio	Lower	Upper	
128	100		
130	32.2	14.0	54.0
64	54.1	37.7	77.7





#9

Benzaldehyde

Concen: 33.275 ng

RT: 7.17 min Scan# 661

Delta R.T. -0.00 min

Lab File: BG035791.D

Acq: 20 Jul 2018 19:27

Instrument :

BNA_G

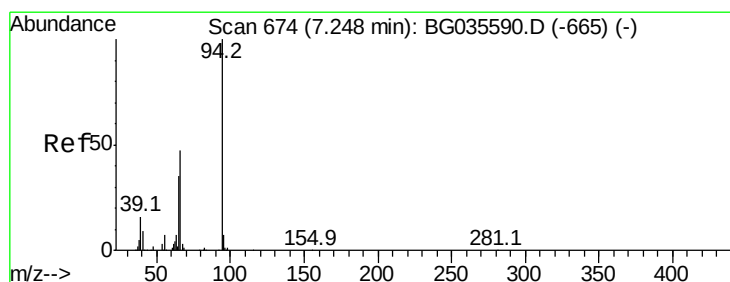
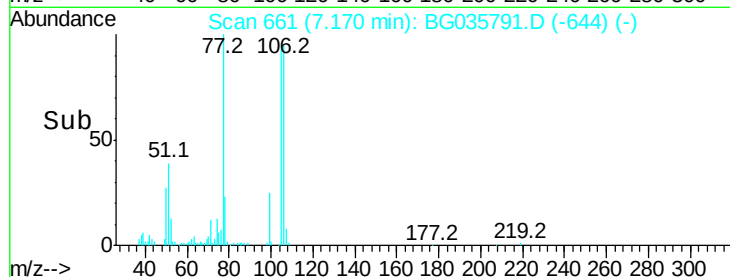
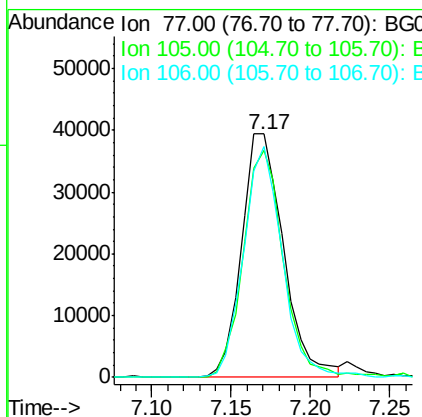
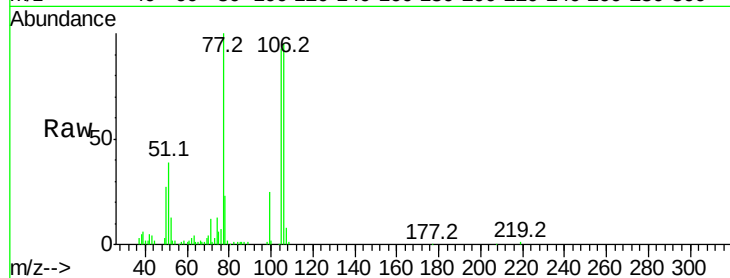
ClientSampleId :

PB111092BSD

Tot Ion:	77	Resp:	72481
Ion	Ratio	Lower	Upper
77	100		
105	93.2	71.3	111.3
106	94.8	64.2	104.2

Manual Integrations
APPROVED

Sohil
7/23/2018 2:19:04 PM



#10

Phenol

Concen: 45.970 ng

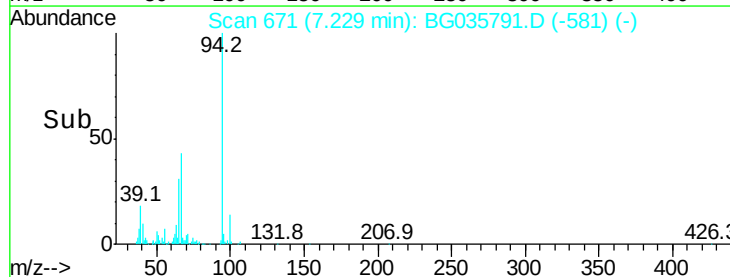
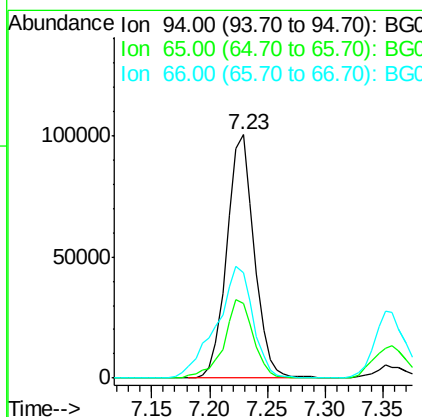
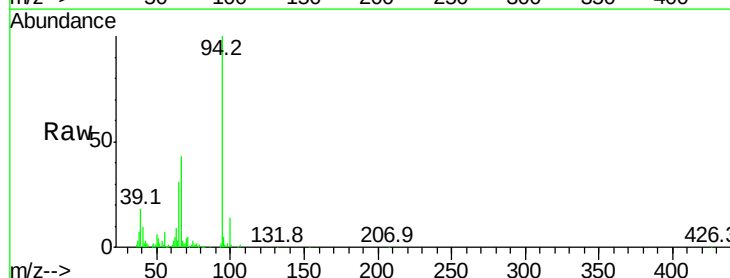
RT: 7.23 min Scan# 671

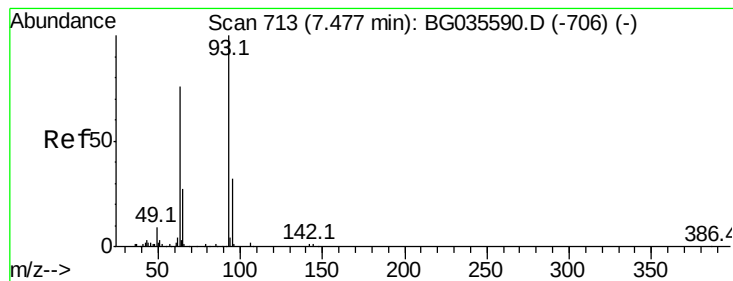
Delta R.T. -0.00 min

Lab File: BG035791.D

Acq: 20 Jul 2018 19:27

Tgt Ion:	94	Resp:	164876
Ion	Ratio	Lower	Upper
94	100		
65	30.5	11.9	51.9
66	43.1	22.2	62.2





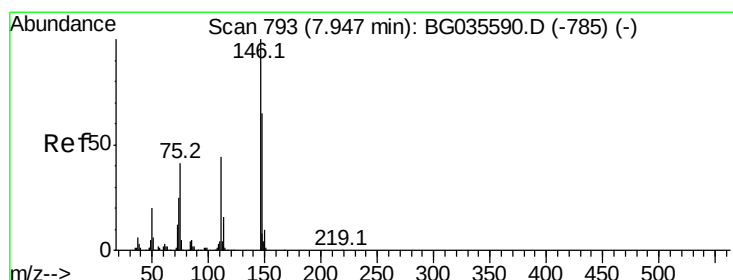
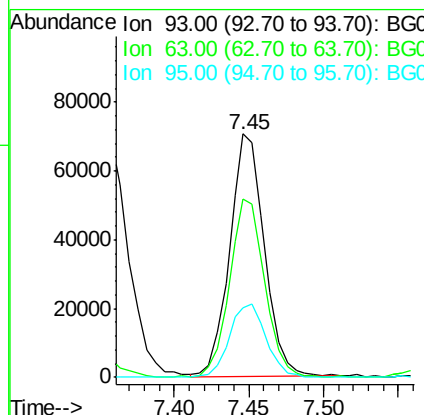
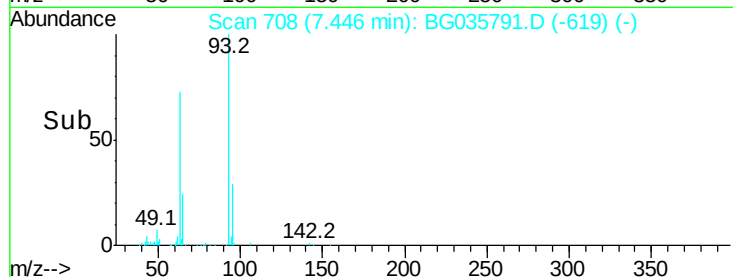
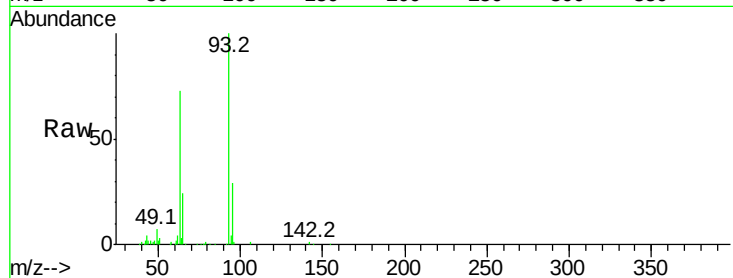
#11
bis(2-Chloroethyl)ether
Concen: 40.600 ng
RT: 7.45 min Scan# 708
Delta R.T. -0.01 min
Lab File: BG035791.D
Acq: 20 Jul 2018 19:27

Instrument :
BNA_G
ClientSampleId :
PB111092BSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	73.0	67.1	107.1	
95	28.8	11.5	51.5	

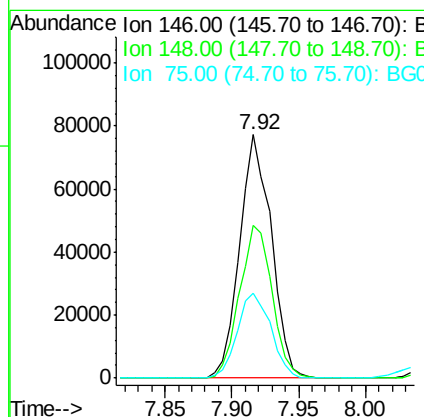
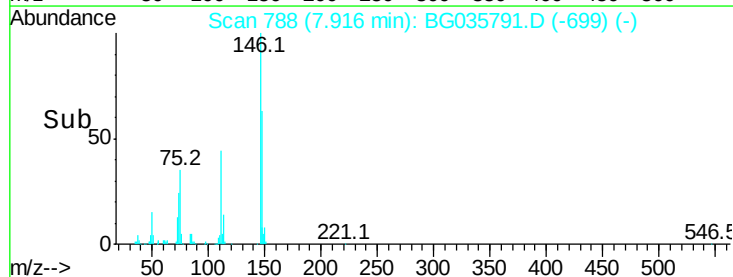
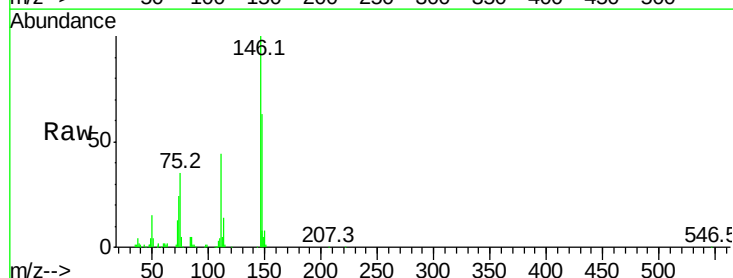
Manual Integrations
APPROVED

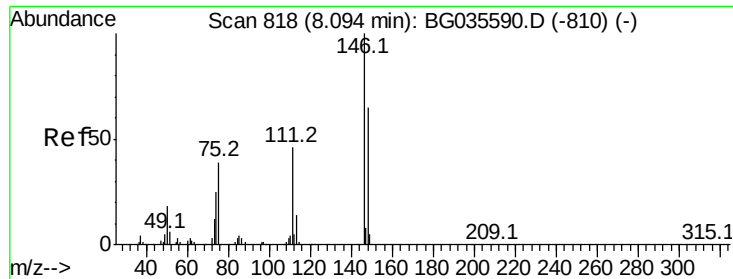
Sohil
7/23/2018 2:19:04 PM



#12
1,3-Dichlorobenzene
Concen: 43.353 ng
RT: 7.92 min Scan# 788
Delta R.T. -0.01 min
Lab File: BG035791.D
Acq: 20 Jul 2018 19:27

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	62.6	51.4	77.2	
75	35.1	26.6	39.8	





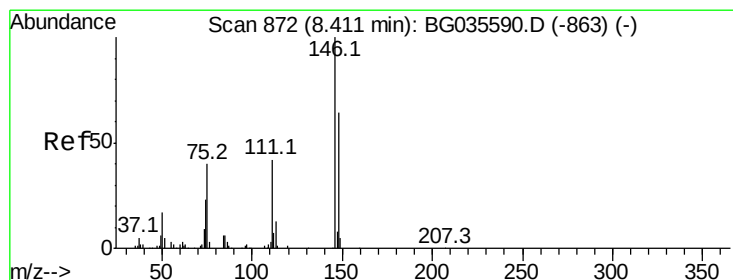
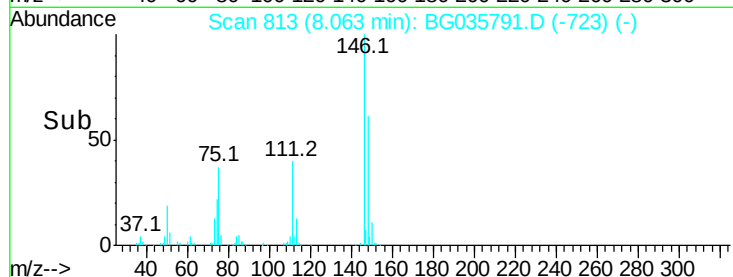
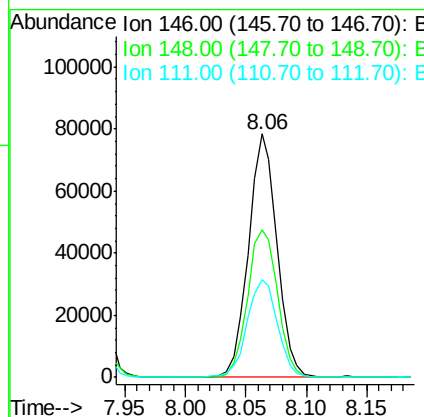
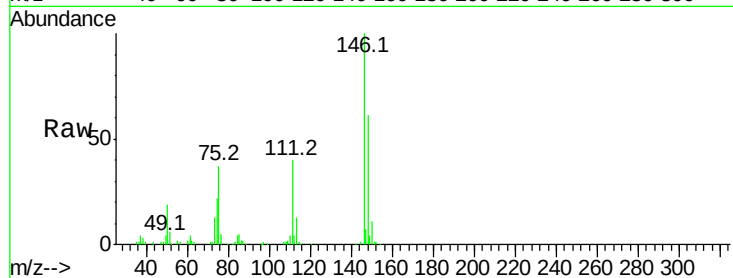
#13
 1,4-Dichlorobenzene
 Concen: 43.535 ng
 RT: 8.06 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BG035791.D
 Acq: 20 Jul 2018 19:27

Instrument :
 BNA_G
 ClientSampleID :
 PB111092BSD

Tot Ion	Ratio	Resp	Lower	Upper
146	100	129266		
148	60.7	53.7	80.5	
111	40.3	35.2	52.8	

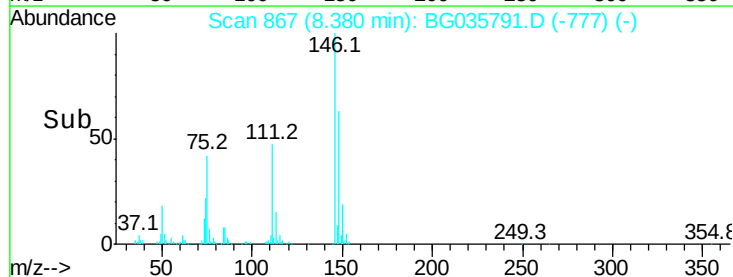
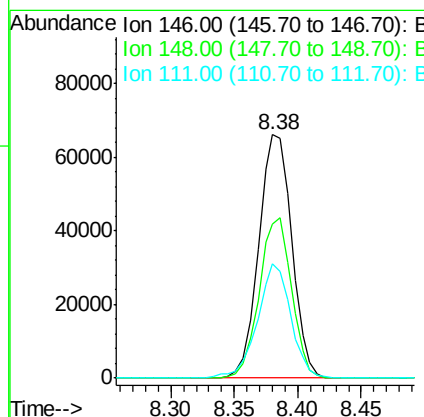
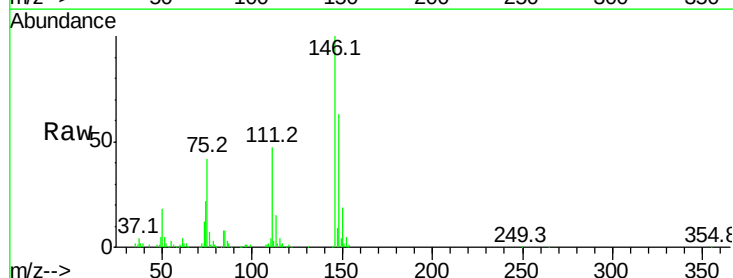
Manual Integrations
 APPROVED

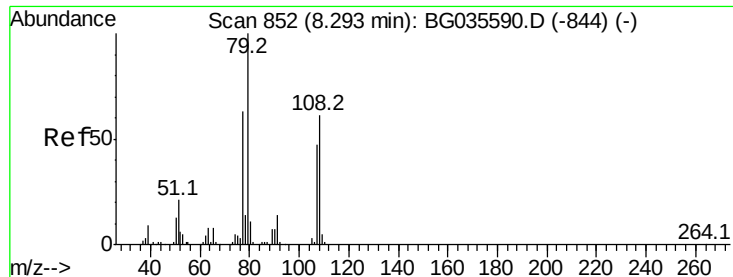
Sohil
 7/23/2018 2:19:04 PM



#14
 1,2-Dichlorobenzene
 Concen: 42.047 ng
 RT: 8.38 min Scan# 867
 Delta R.T. -0.00 min
 Lab File: BG035791.D
 Acq: 20 Jul 2018 19:27

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	119938		
148	63.5	49.3	73.9	
111	46.7	34.3	51.5	





#15

Benzyl Alcohol

Concen: 39.525 ng

RT: 8.27 min Scan# 848

Delta R.T. -0.00 min

Lab File: BG035791.D

Acq: 20 Jul 2018 19:27

Instrument :

BNA_G

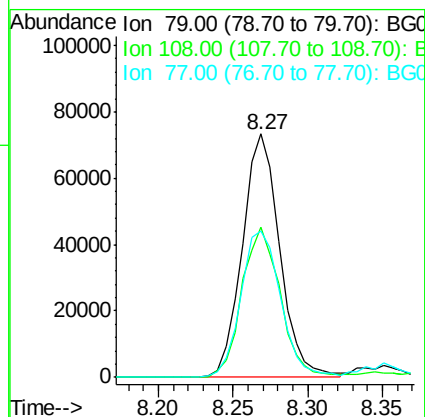
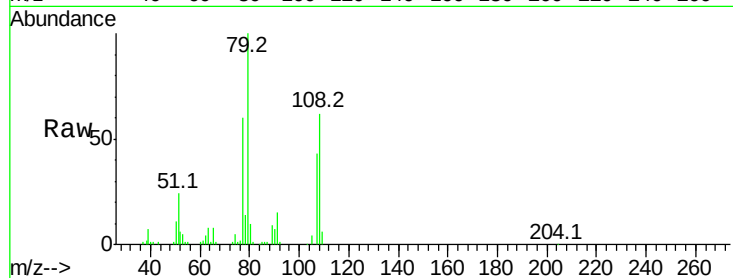
ClientSampleId :

PB111092BSD

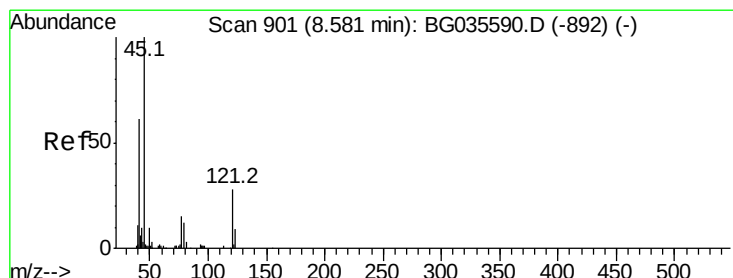
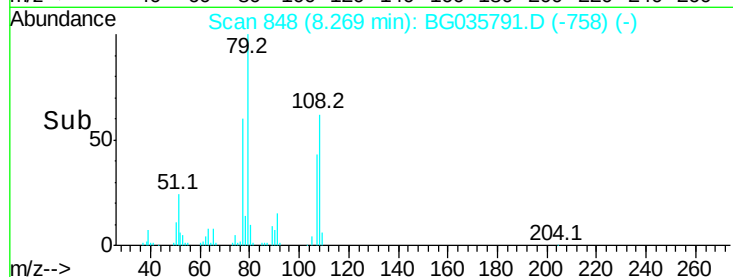
Tot Ion:	79	Resp:	127421
Ion Ratio	Lower	Upper	
79	100		
108	61.8	57.2	85.8
77	60.0	46.1	69.1

Manual Integrations
APPROVED

Sohil



7/23/2018 2:19:04 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 53.949 ng

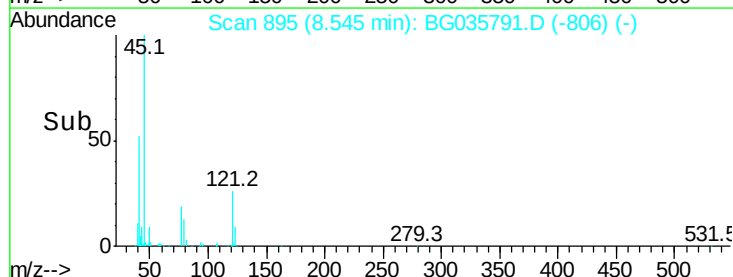
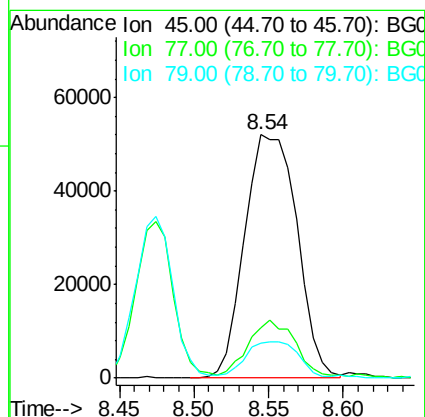
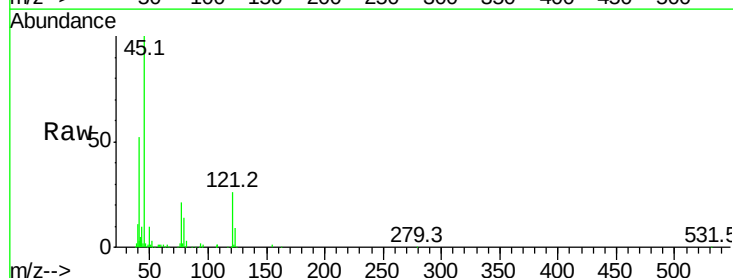
RT: 8.54 min Scan# 895

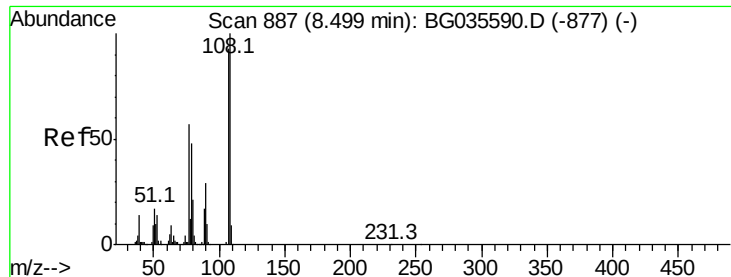
Delta R.T. -0.01 min

Lab File: BG035791.D

Acq: 20 Jul 2018 19:27

Tgt Ion:	45	Resp:	127043
Ion Ratio	Lower	Upper	
45	100		
77	20.7	0.0	30.2
79	14.2	0.0	27.9





#17

2-Methylphenol

Concen: 45.147 ng

RT: 8.47 min Scan# 883

Delta R.T. 0.01 min

Lab File: BG035791.D

Acq: 20 Jul 2018 19:27

Instrument :

BNA_G

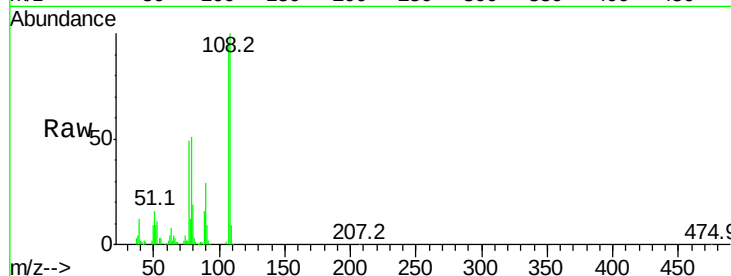
ClientSampleId :

PB111092BSD

Tot Ion	107	Resp	110092
Ion Ratio	Lower	Upper	
107	100		
108	104.8	83.9	125.9
77	51.8	37.2	55.8
79	53.5	36.2	54.2

Manual Integrations
APPROVED

Sohil



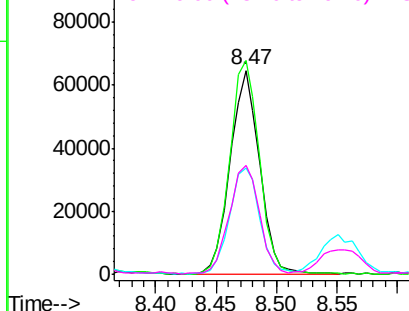
Abundance

Ion 107.00 (106.70 to 107.70): E

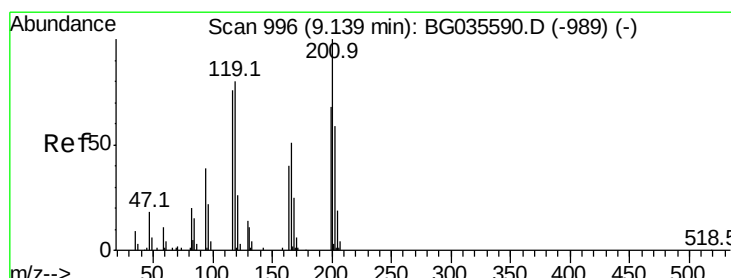
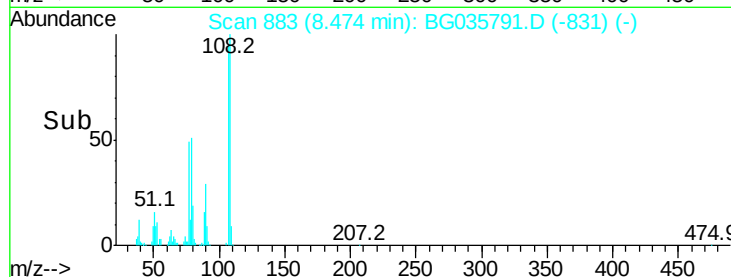
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



7/23/2018 2:19:04 PM



#18

Hexachloroethane

Concen: 43.902 ng

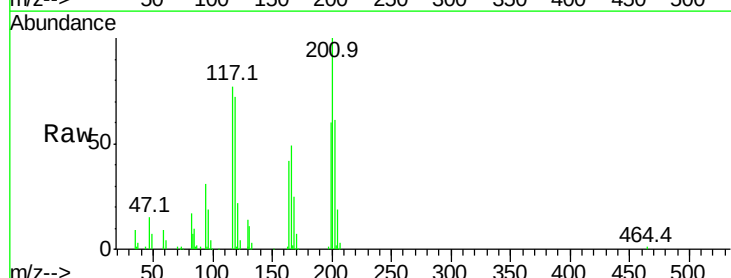
RT: 9.11 min Scan# 991

Delta R.T. -0.00 min

Lab File: BG035791.D

Acq: 20 Jul 2018 19:27

Tgt Ion	117	Resp	49842
Ion Ratio	Lower	Upper	
117	100		
119	92.8	76.7	115.1
201	129.5	95.7	143.5

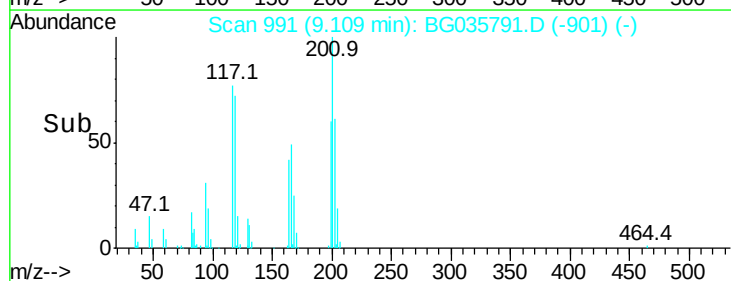
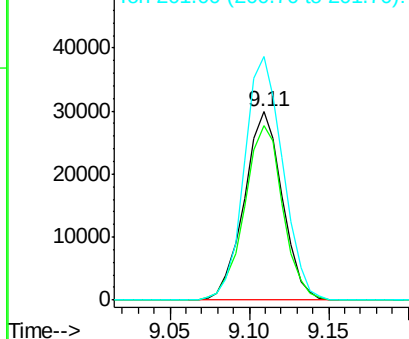


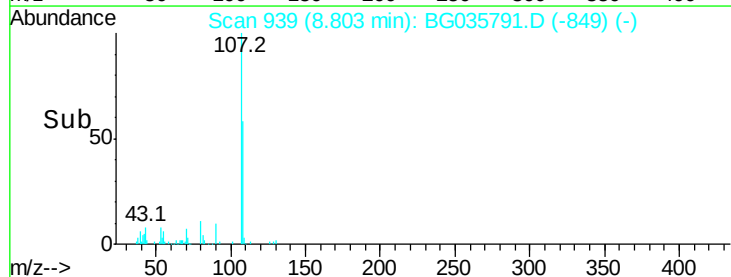
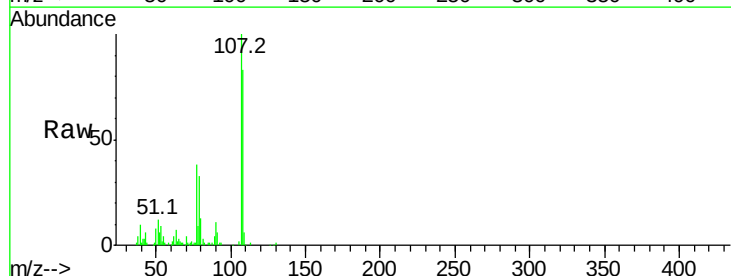
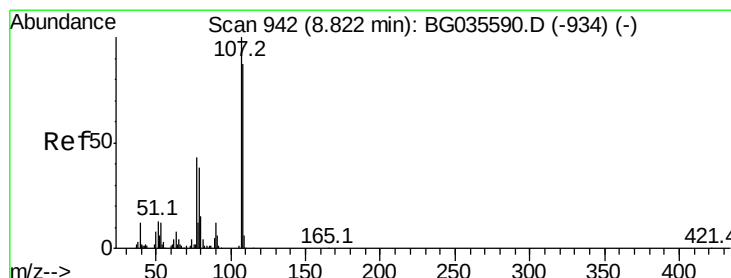
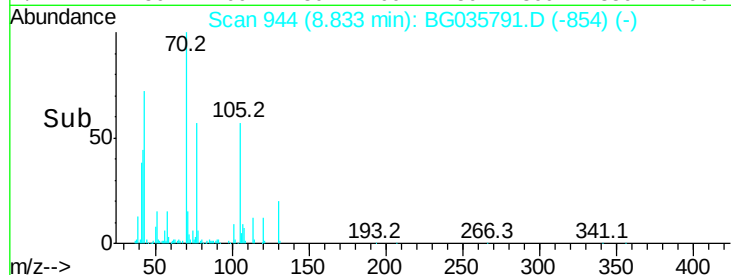
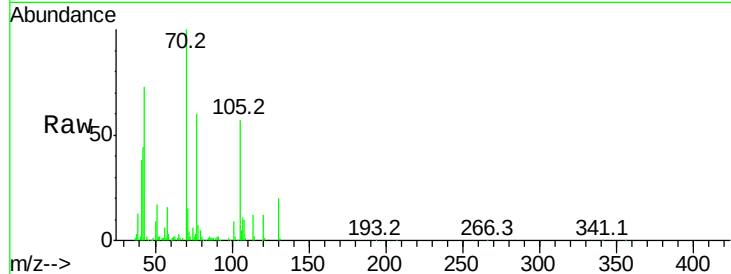
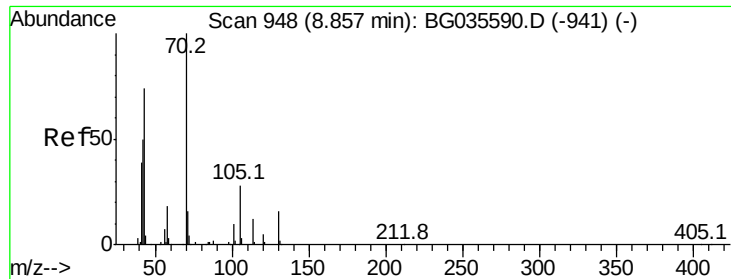
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

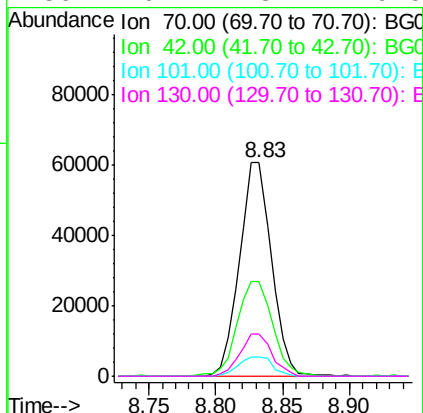
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 33.638 ng
RT: 8.83 min Scan# 944
Delta R.T. -0.00 min
Lab File: BG035791.D
Acq: 20 Jul 2018 19:27

Tot Ion	Ratio	Lower	Upper
70	100		
42	44.2	49.1	73.7#
101	8.9	8.5	12.7
130	20.1	13.4	20.0#



Instrument :
BNA_G
ClientSampleId :
PB111092BSD

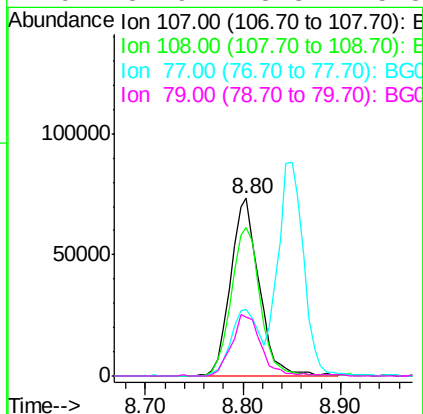
Manual Integrations
APPROVED

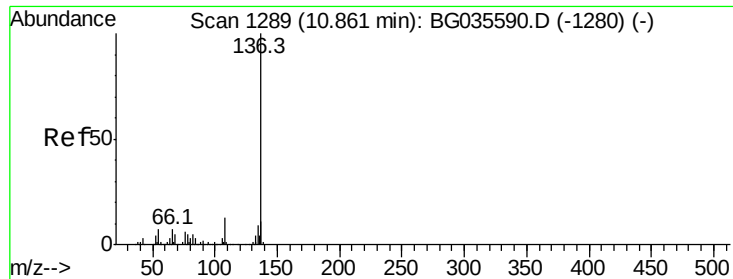
Sohil

7/23/2018 2:19:04 PM

#20
3+4-Methylphenols
Concen: 44.088 ng
RT: 8.80 min Scan# 939
Delta R.T. -0.00 min
Lab File: BG035791.D
Acq: 20 Jul 2018 19:27

Tgt Ion	Ratio	Lower	Upper
107	100		
108	83.3	61.6	101.6
77	37.7	13.9	53.9
79	32.9	8.8	48.8





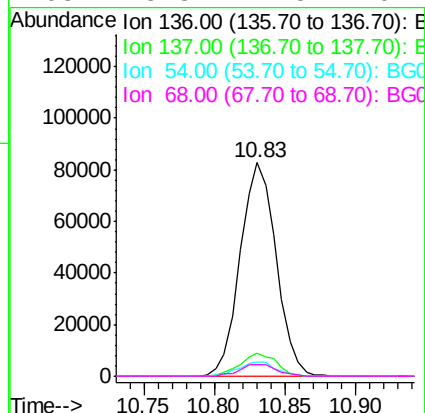
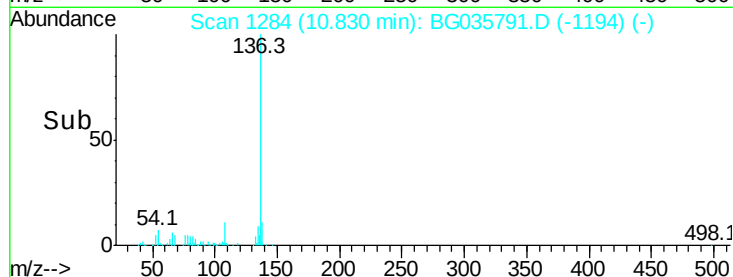
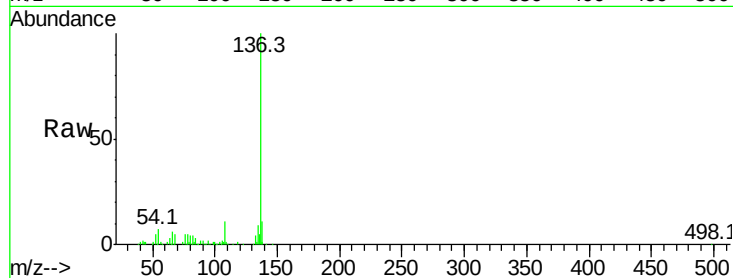
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BG035791.D
Acq: 20 Jul 2018 19:27

Instrument :
BNA_G
ClientSampleId :
PB111092BSD

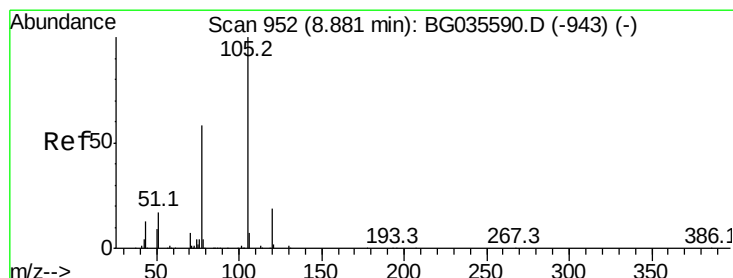
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	9.2	13.8	
54	6.6	10.3	15.5	
68	5.3	4.5	6.7	

Manual Integrations
APPROVED

Sohil

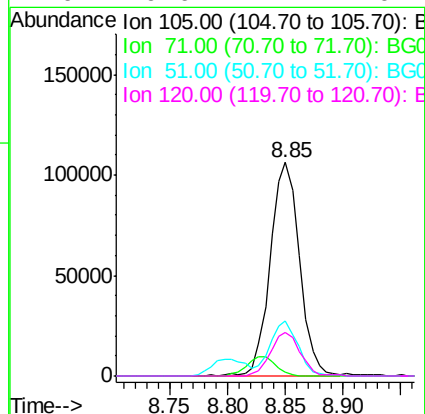
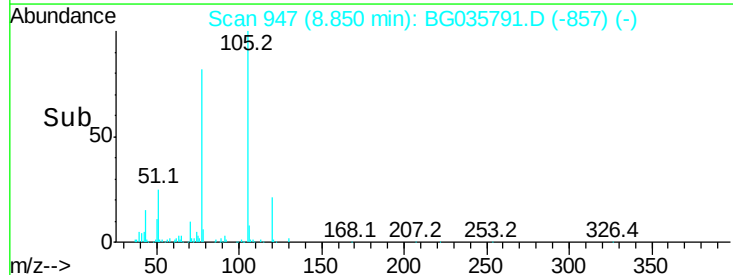
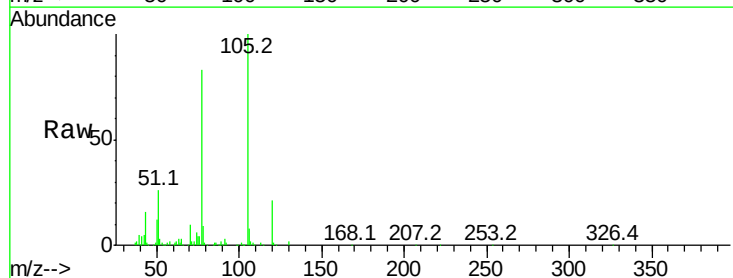


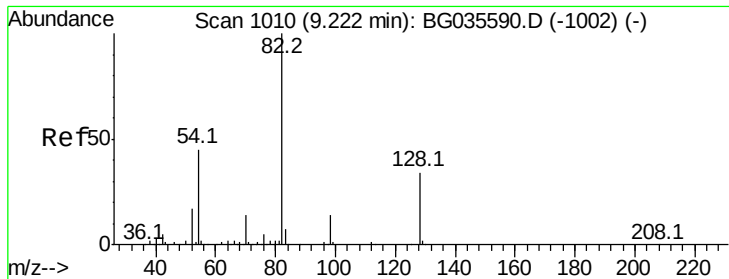
7/23/2018 2:19:04 PM



#22
Acetophenone
Concen: 41.028 ng
RT: 8.85 min Scan# 947
Delta R.T. -0.00 min
Lab File: BG035791.D
Acq: 20 Jul 2018 19:27

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.7	3.0	4.4	
51	25.9	26.1	39.1	
120	20.6	17.4	26.2	





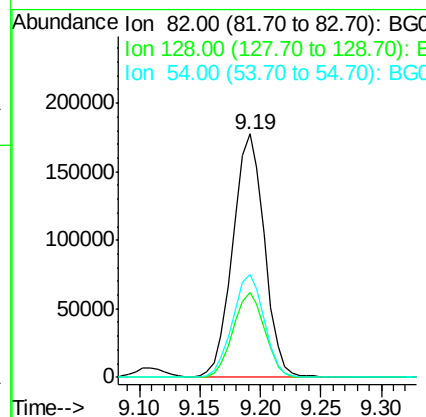
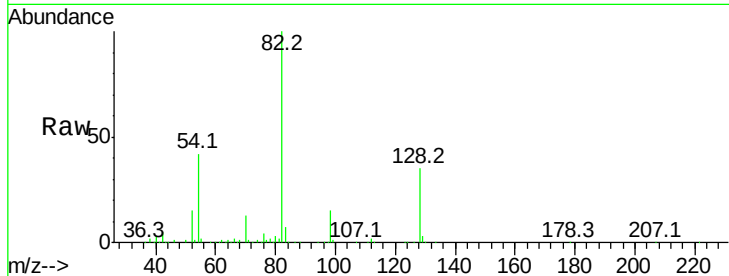
#23
Nitrobenzene-d5
Concen: 91.277 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BG035791.D
Acq: 20 Jul 2018 19:27

Instrument :
BNA_G
ClientSampleId :
PB111092BSD

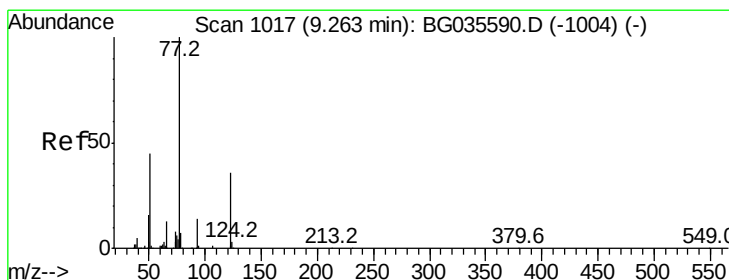
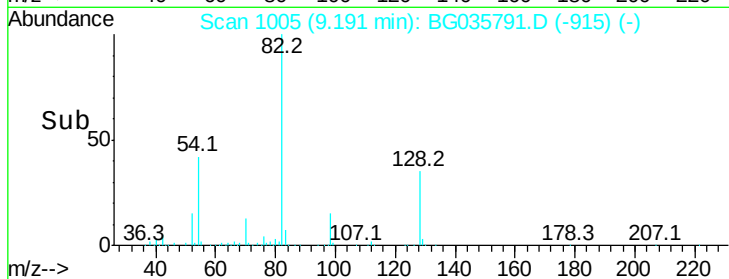
Tot Ion	Ratio	Lower	Upper
82	100		
128	34.7	29.7	44.5
54	42.5	43.1	64.7#

Manual Integrations
APPROVED

Sohil

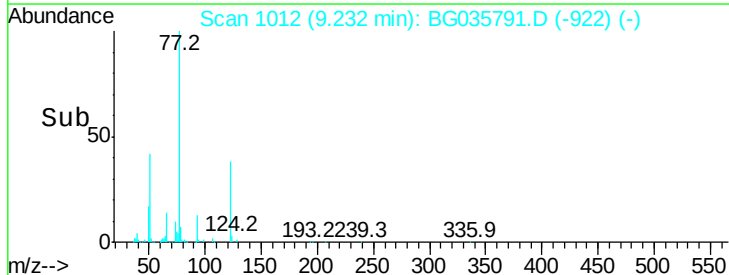
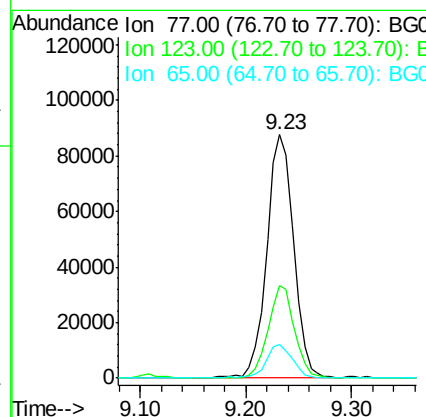
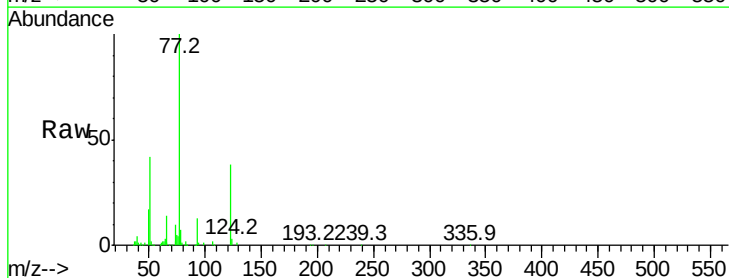


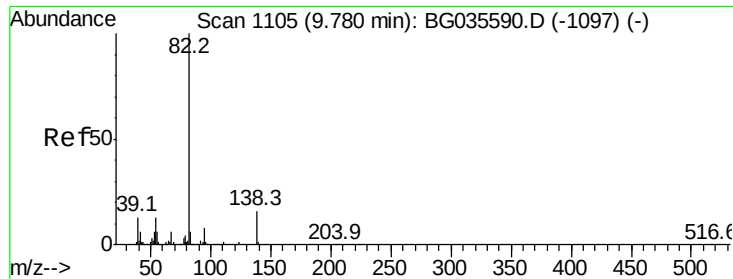
7/23/2018 2:19:04 PM



#24
Nitrobenzene
Concen: 43.554 ng
RT: 9.23 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BG035791.D
Acq: 20 Jul 2018 19:27

Tgt Ion	Ratio	Lower	Upper
77	100		
123	37.8	33.0	49.6
65	13.6	13.0	19.6





#25

Isophorone

Concen: 43.705 ng

RT: 9.75 min Scan# 1100

Delta R.T. -0.01 min

Lab File: BG035791.D

Acq: 20 Jul 2018 19:27

Instrument :

BNA_G

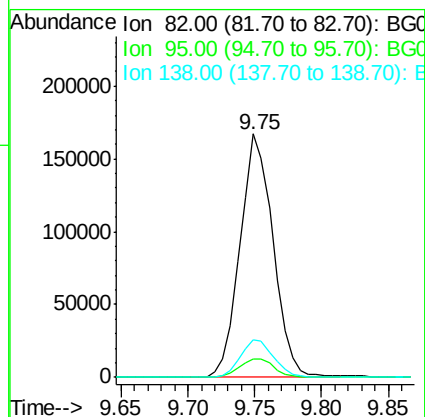
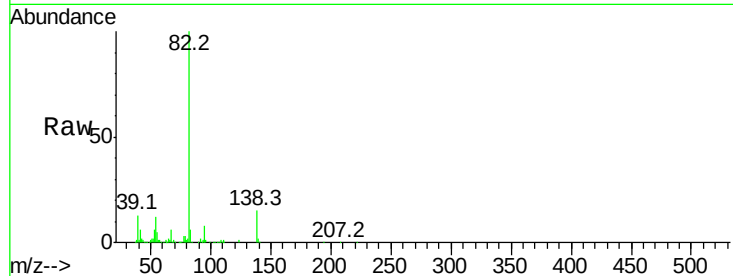
ClientSampleId :

PB111092BSD

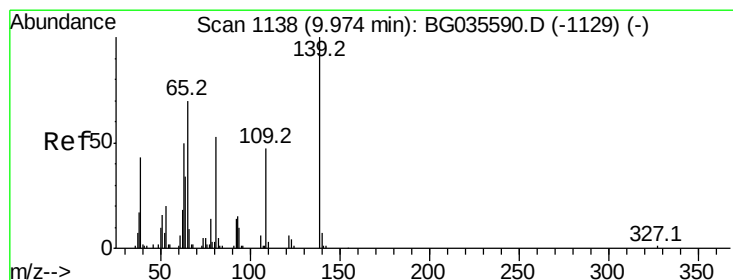
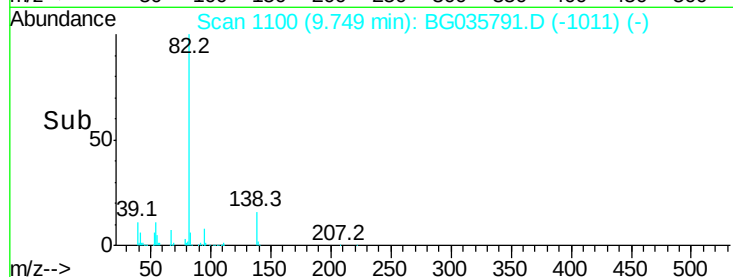
Tot Ion:	82	Resp:	286540
Ion Ratio	Lower	Upper	
82	100		
95	7.7	6.2	9.2
138	15.2	12.1	18.1

Manual Integrations
APPROVED

Sohil



7/23/2018 2:19:04 PM



#26

2-Nitrophenol

Concen: 51.313 ng

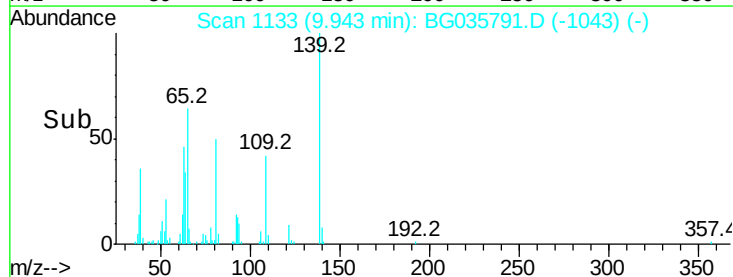
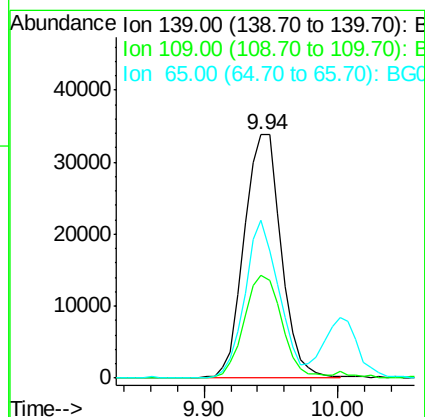
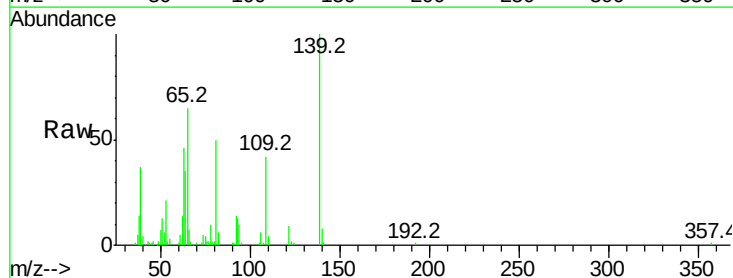
RT: 9.94 min Scan# 1133

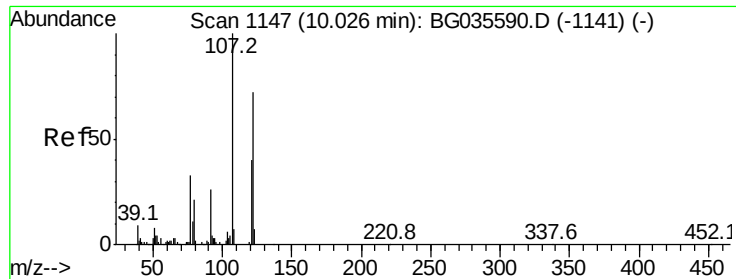
Delta R.T. -0.00 min

Lab File: BG035791.D

Acq: 20 Jul 2018 19:27

Tgt Ion:	139	Resp:	64729
Ion Ratio	Lower	Upper	
139	100		
109	42.3	24.2	36.2#
65	64.8	47.4	71.0





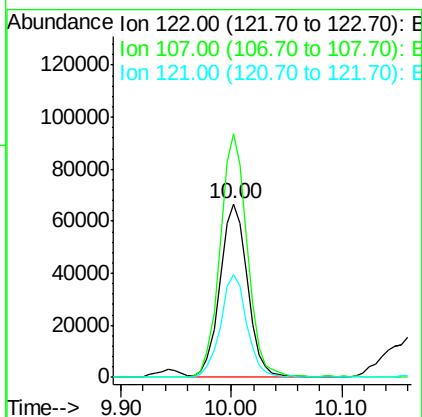
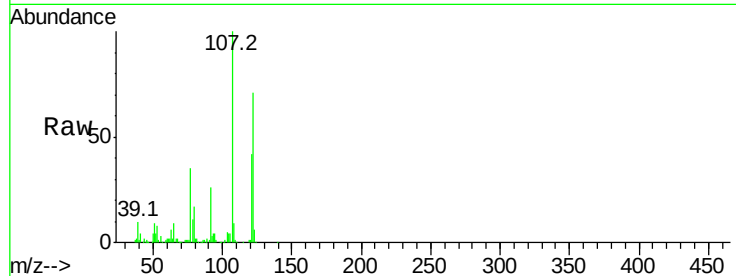
#27
 2,4-Dimethylphenol
 Concen: 53.930 ng
 RT: 10.00 min Scan# 1143
 Delta R.T. -0.00 min
 Lab File: BG035791.D
 Acq: 20 Jul 2018 19:27

Instrument :
 BNA_G
 ClientSampleId :
 PB111092BSD

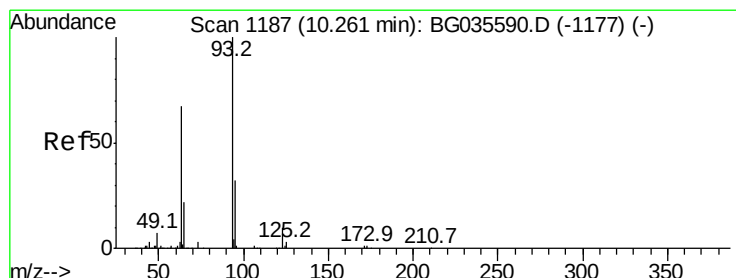
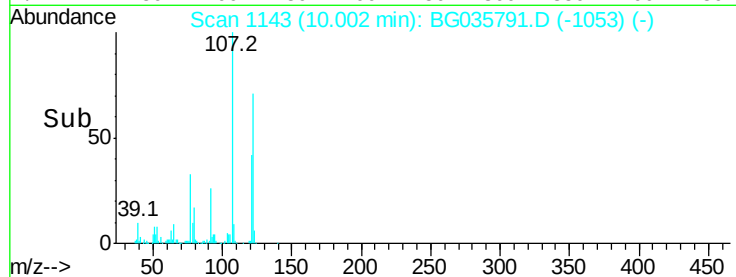
Tot Ion	Ratio	Resp Lower	Upper
122	100		
107	140.2	100.2	150.2
121	58.9	44.4	66.6

Manual Integrations
 APPROVED

Sohil

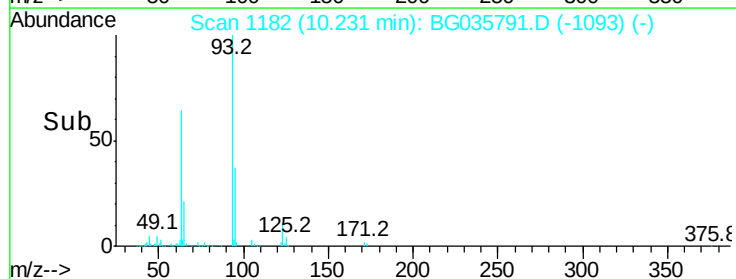
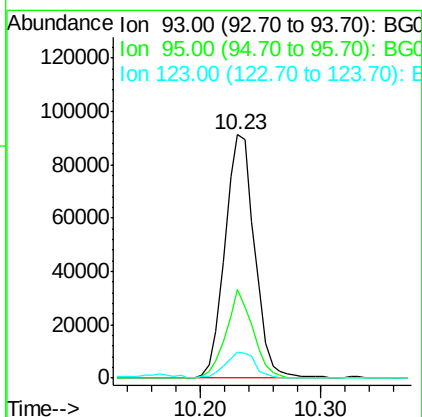
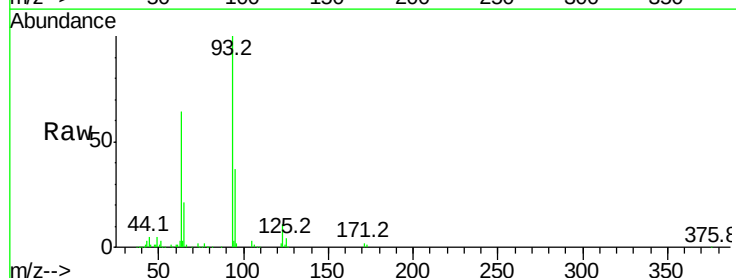


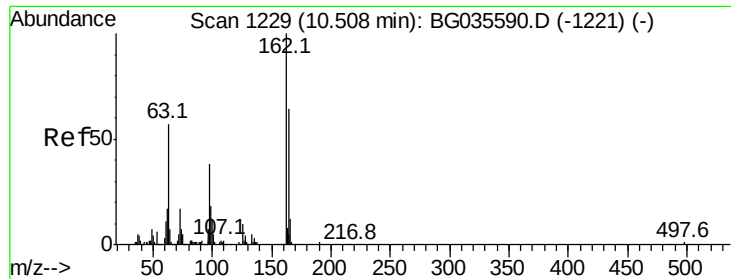
7/23/2018 2:19:04 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.189 ng
 RT: 10.23 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BG035791.D
 Acq: 20 Jul 2018 19:27

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
95	36.7	24.3	36.5#
123	10.6	8.4	12.6





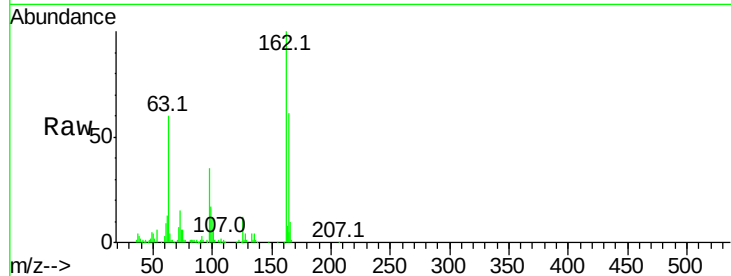
#29
 2,4-Dichlorophenol
 Concen: 50.901 ng
 RT: 10.48 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: BG035791.D
 Acq: 20 Jul 2018 19:27

Instrument :
 BNA_G
 ClientSampleId :
 PB111092BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	61.5	48.0	88.0	
98	34.5	21.1	61.1	

Manual Integrations
 APPROVED

Sohil

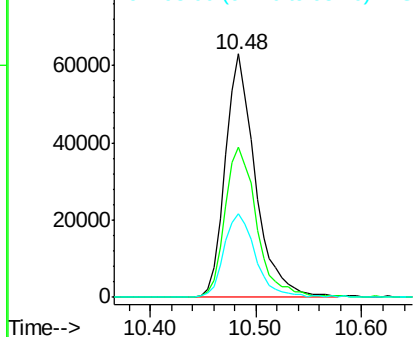


Abundance

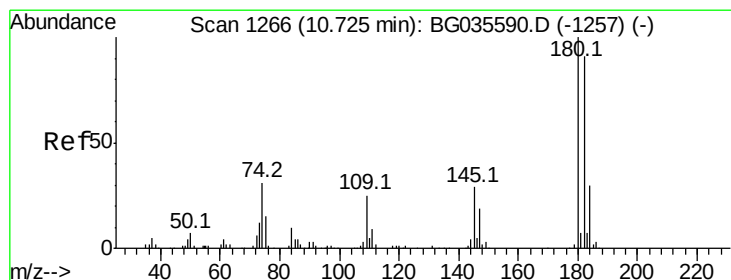
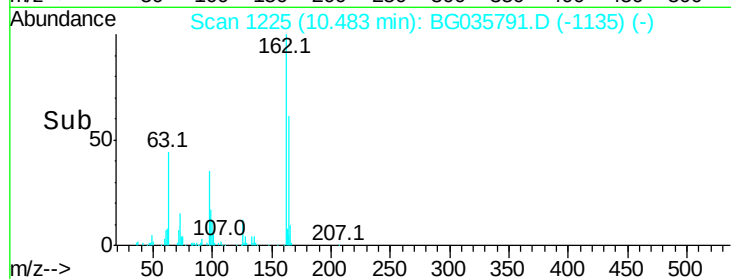
Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B

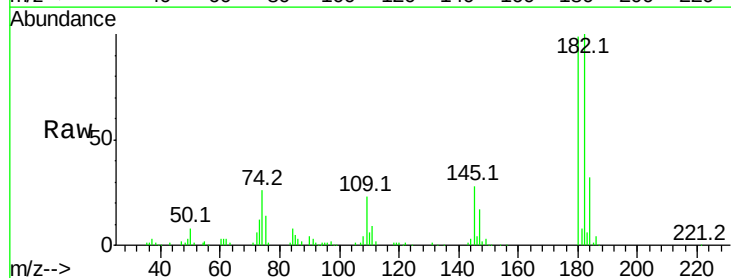


7/23/2018 2:19:04 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 46.070 ng
 RT: 10.69 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: BG035791.D
 Acq: 20 Jul 2018 19:27

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	100.8	77.5	116.3	
145	28.0	23.4	35.2	

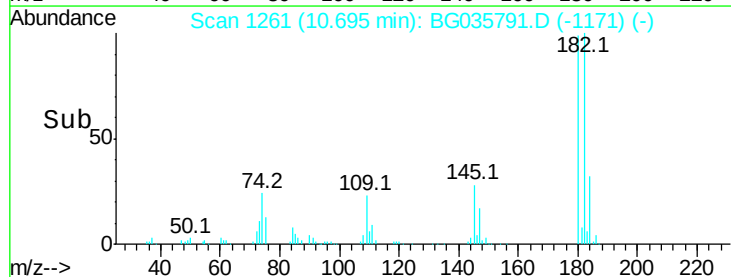
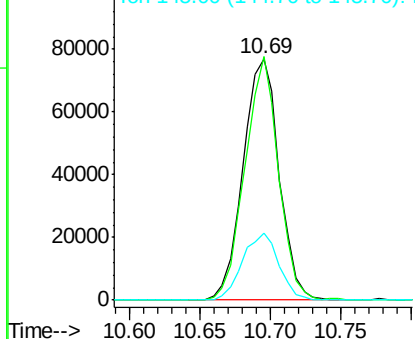


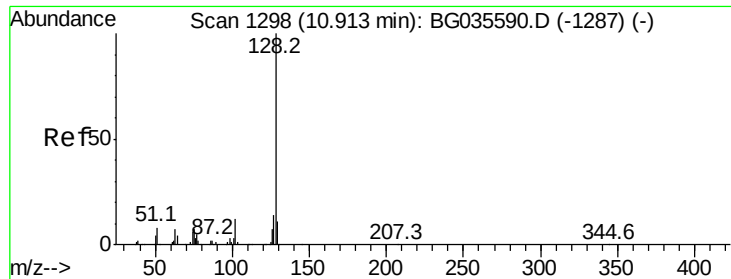
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





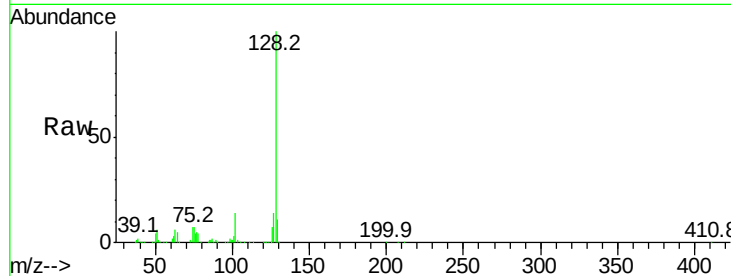
#31
Naphthalene
Concen: 43.971 ng
RT: 10.88 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BG035791.D
Acq: 20 Jul 2018 19:27

Instrument :
BNA_G
ClientSampleId :
PB111092BSD

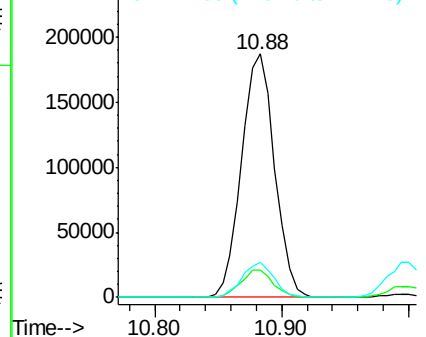
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.6	12.8
127	14.2	11.6	17.4

Manual Integrations
APPROVED

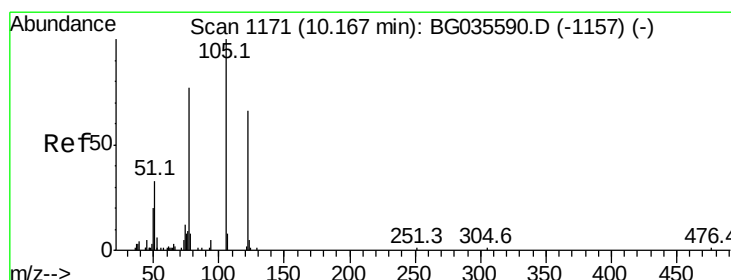
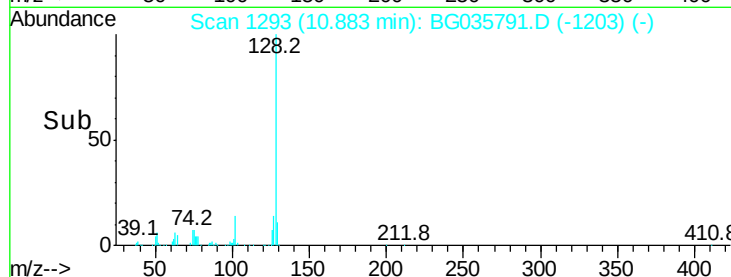
Sohil



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

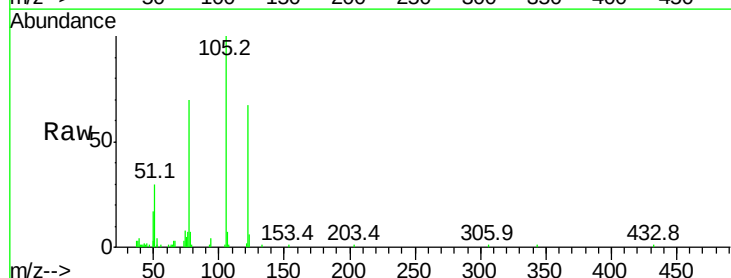


7/23/2018 2:19:04 PM

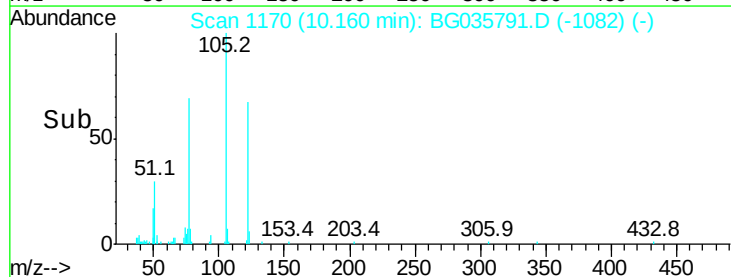
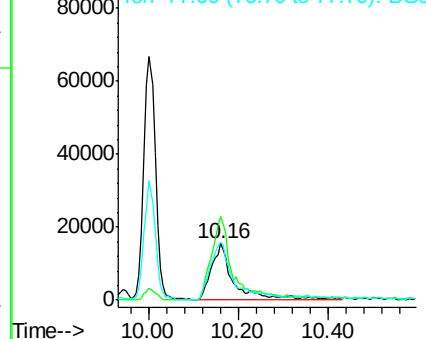


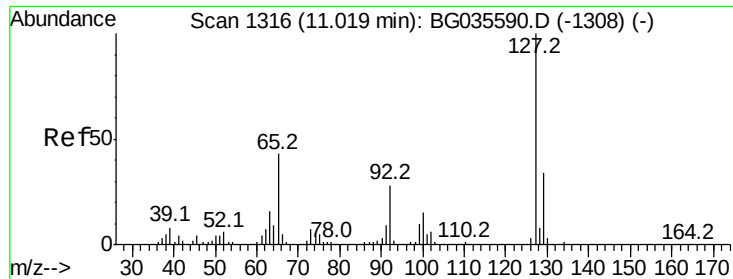
#32
Benzoic acid
Concen: 35.984 ng m
RT: 10.16 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BG035791.D
Acq: 20 Jul 2018 19:27

Tgt Ion	Ratio	Lower	Upper
122	100		
105	148.6	123.5	163.5
77	103.5	85.7	125.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG





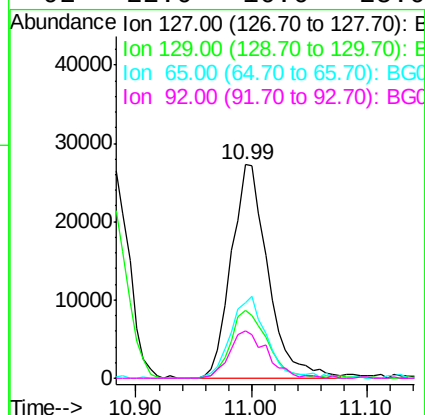
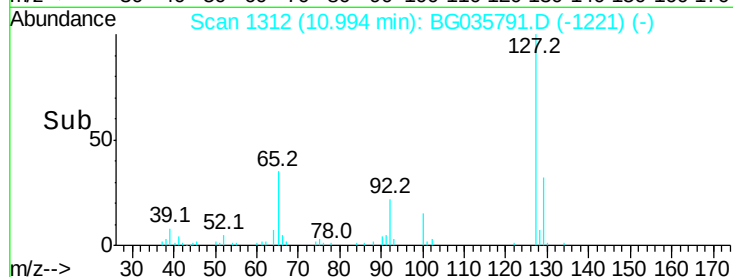
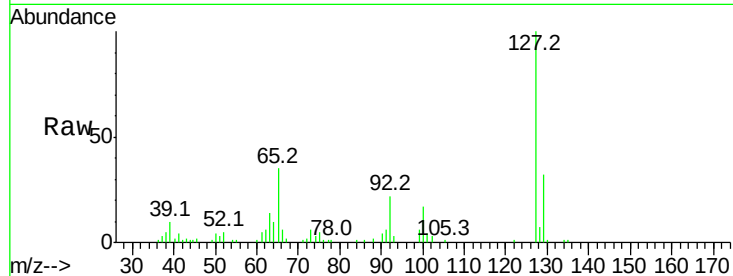
#33
4-Chloroaniline
Concen: 17.940 ng
RT: 10.99 min Scan# 1312
Delta R.T. 0.01 min
Lab File: BG035791.D
Acq: 20 Jul 2018 19:27

Instrument :
BNA_G
ClientSampleId :
PB111092BSD

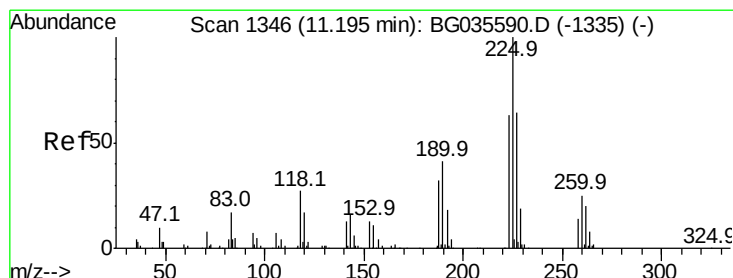
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.6	24.0	36.0		
65	35.5	27.0	40.4		
92	22.0	16.6	25.0		

Manual Integrations
APPROVED

Sohil

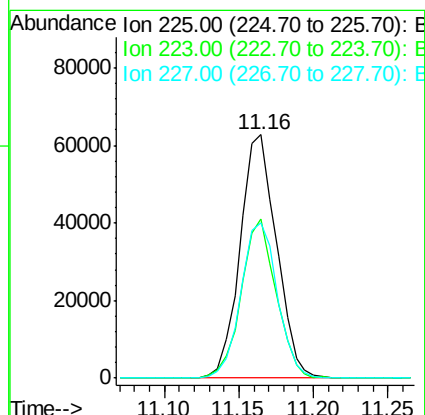
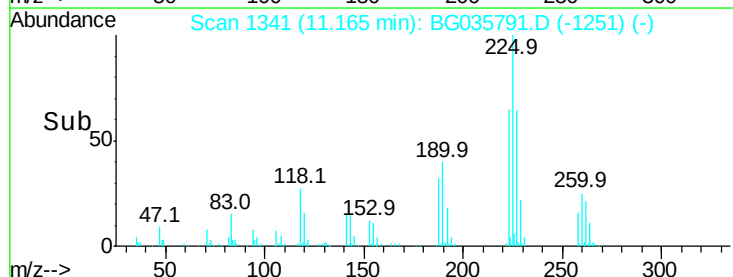
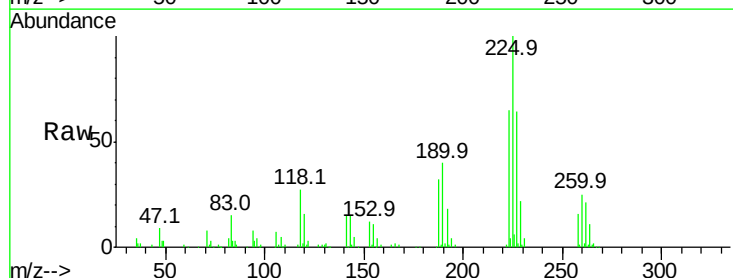


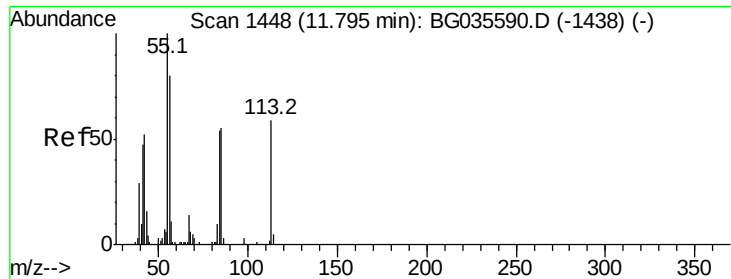
7/23/2018 2:19:04 PM



#34
Hexachlorobutadiene
Concen: 45.452 ng
RT: 11.16 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BG035791.D
Acq: 20 Jul 2018 19:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	65.1	49.7	74.5		
227	63.8	48.1	72.1		





#35

Caprolactam

Concen: 40.385 ng/mL

RT: 11.76 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BG035791.D

Acq: 20 Jul 2018 19:27

Instrument :

BNA_G

ClientSampleId :

PB111092BSD

Tot Ion:113 Resp: 42243

Ion Ratio Lower Upper

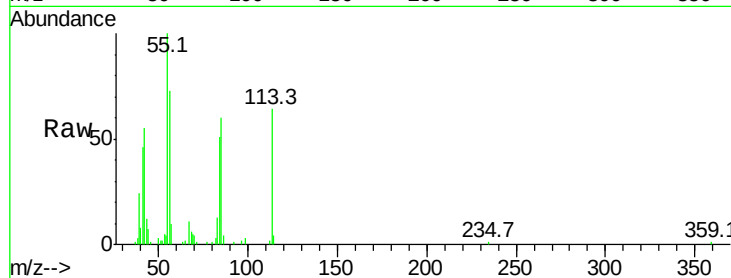
113 100

55 156.9 186.9 226.9#

56 114.5 130.9 170.9#

Manual Integrations
APPROVED

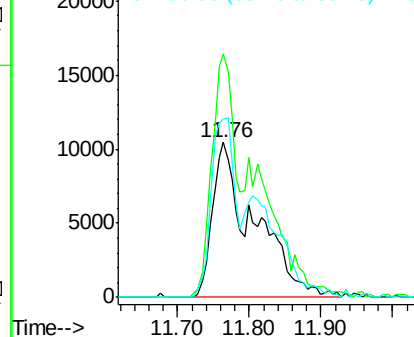
Sohil



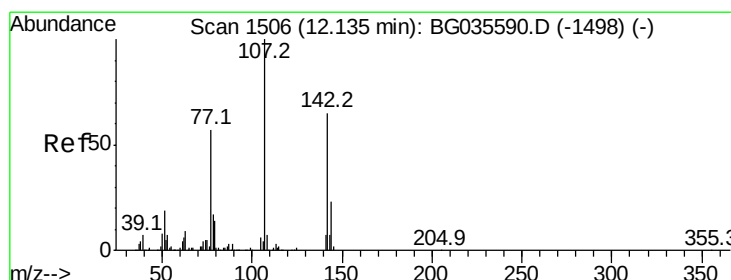
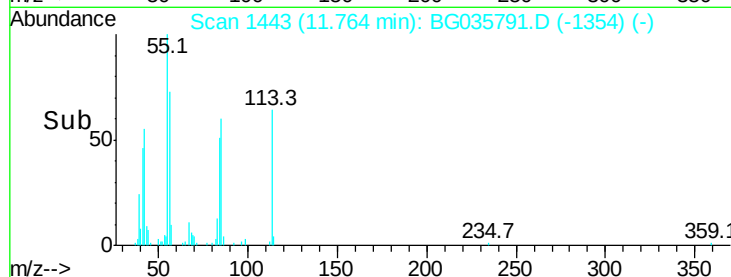
Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



7/23/2018 2:19:04 PM



#36

4-Chloro-3-methylphenol

Concen: 46.279 ng/mL

RT: 12.12 min Scan# 1503

Delta R.T. 0.01 min

Lab File: BG035791.D

Acq: 20 Jul 2018 19:27

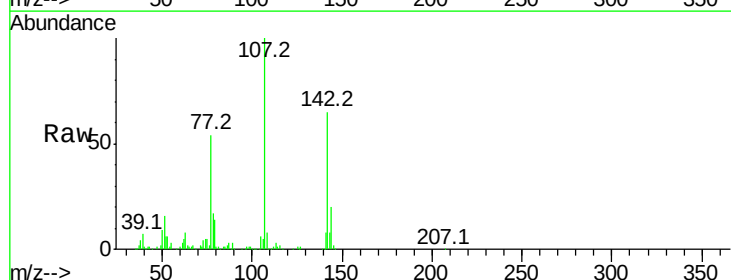
Tgt Ion:107 Resp: 151202

Ion Ratio Lower Upper

107 100

144 20.5 18.2 27.4

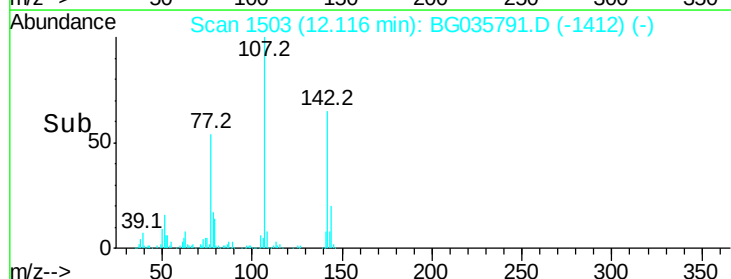
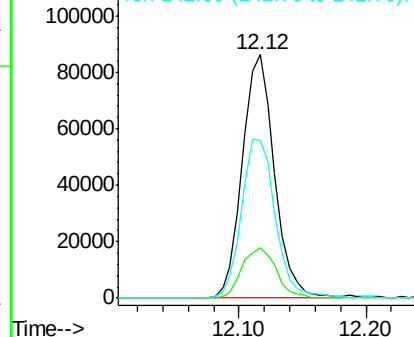
142 64.9 59.0 88.4

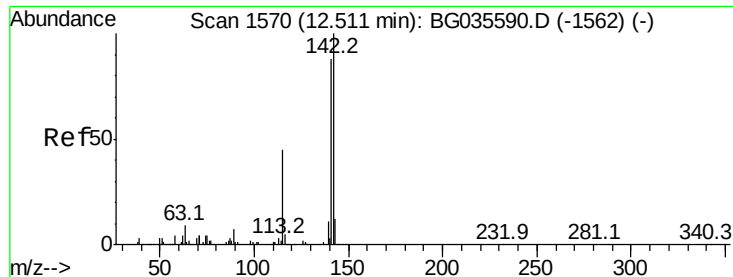


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 46.175 ng

RT: 12.48 min Scan# 1565

Delta R.T. -0.00 min

Lab File: BG035791.D

Acq: 20 Jul 2018 19:27

Instrument :

BNA_G

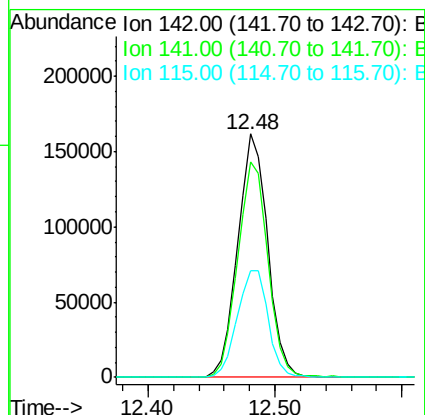
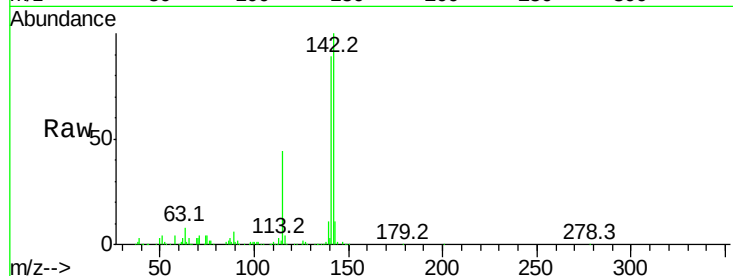
ClientSampleId :

PB111092BSD

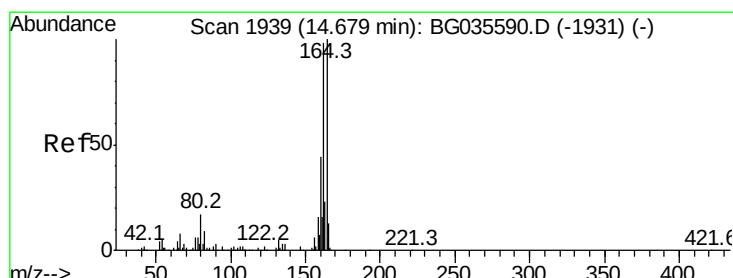
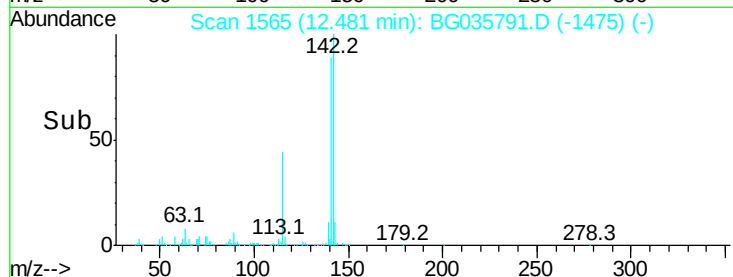
Tot Ion:	142	Resp:	264388
Ion Ratio	Lower	Upper	
142	100		
141	88.6	67.1	100.7
115	44.0	30.7	46.1

Manual Integrations
APPROVED

Sohil



7/23/2018 2:19:04 PM



#38

Acenaphthene-d10

Concen: 20.000 ng

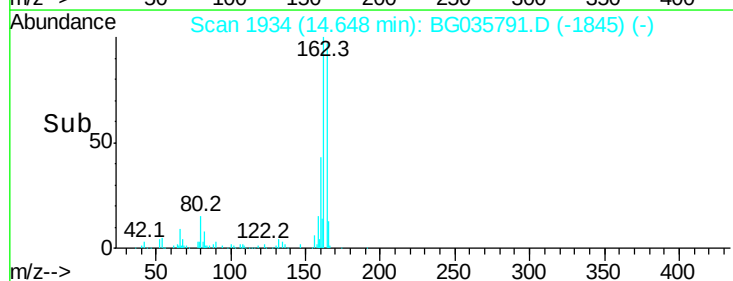
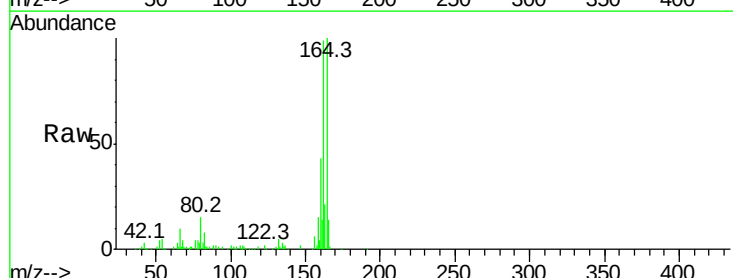
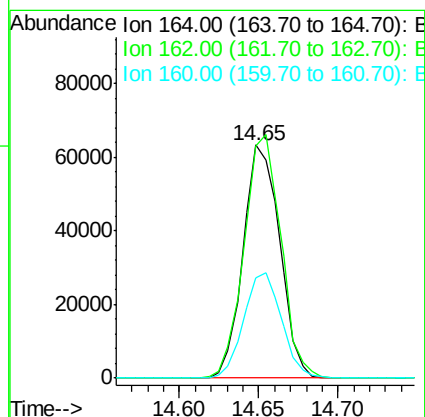
RT: 14.65 min Scan# 1934

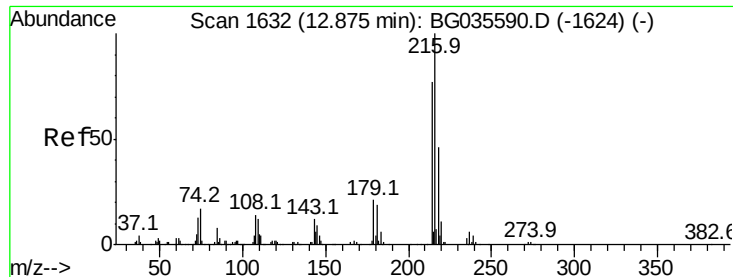
Delta R.T. -0.01 min

Lab File: BG035791.D

Acq: 20 Jul 2018 19:27

Tgt Ion:	164	Resp:	101452
Ion Ratio	Lower	Upper	
164	100		
162	99.4	78.8	118.2
160	43.2	35.4	53.0





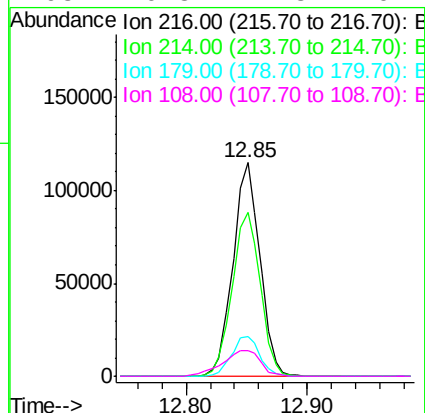
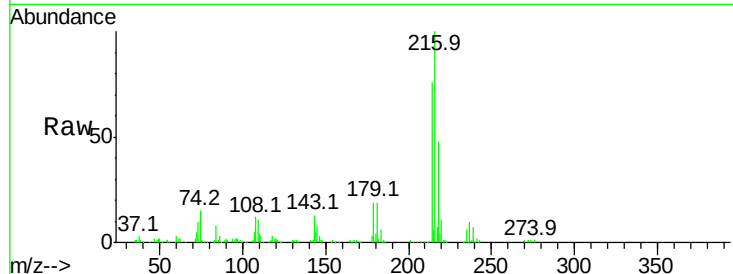
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.777 ng
 RT: 12.85 min Scan# 1628
 Delta R.T. -0.00 min
 Lab File: BG035791.D
 Acq: 20 Jul 2018 19:27

Instrument :
 BNA_G
 ClientSampleId :
 PB111092BSD

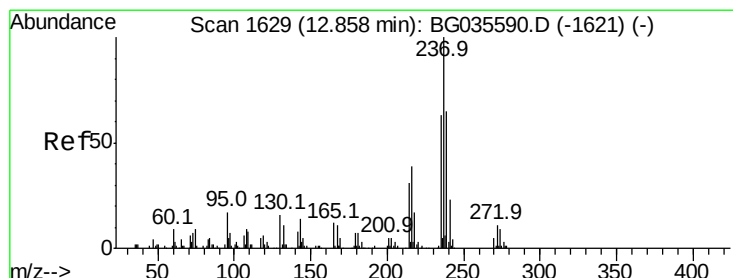
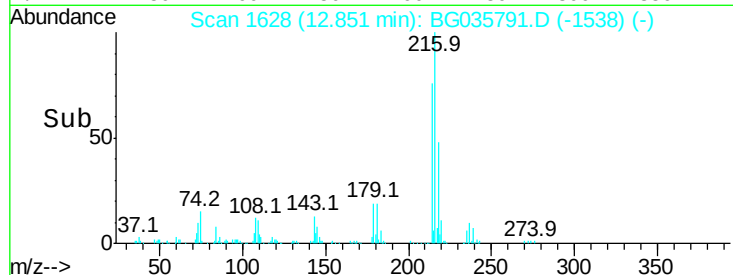
Tot Ion	Ratio	Resp	Lower	Upper
216	100	179115		
214	79.5	63.0	94.4	
179	19.3	17.0	25.6	
108	16.8	12.8	19.2	

Manual Integrations
 APPROVED

Sohil

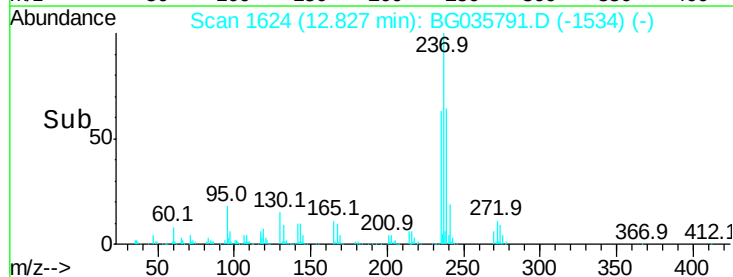
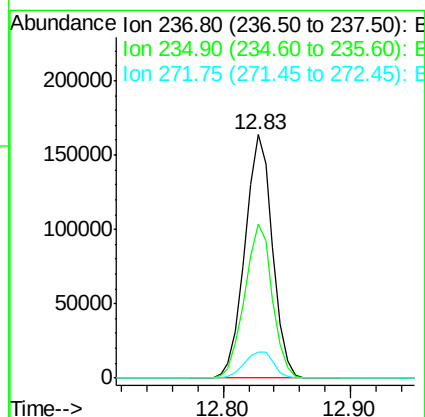
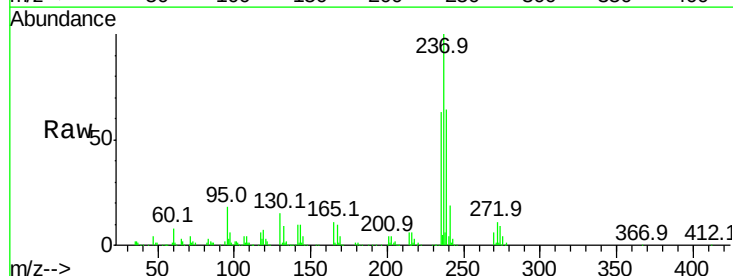


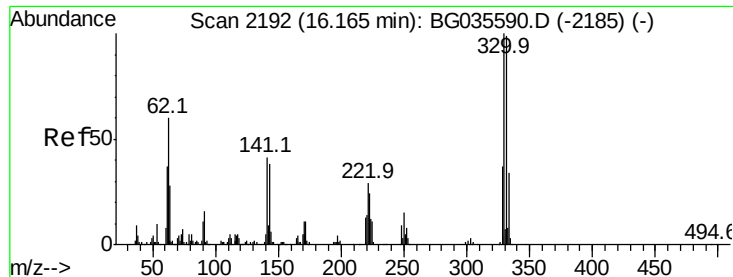
7/23/2018 2:19:04 PM



#40
 Hexachlorocyclopentadiene
 Concen: 122.061 ng
 RT: 12.83 min Scan# 1624
 Delta R.T. -0.00 min
 Lab File: BG035791.D
 Acq: 20 Jul 2018 19:27

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	245119		
235	63.5	50.4	90.4	
272	10.8	0.0	31.8	





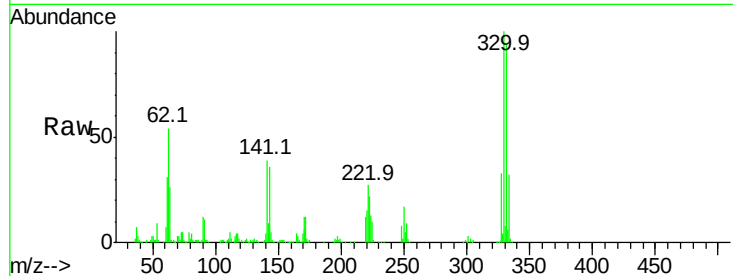
#41
 2,4,6-Tribromophenol
 Concen: 156.302 ng
 RT: 16.14 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: BG035791.D
 Acq: 20 Jul 2018 19:27

Instrument :
 BNA_G
 ClientSampleId :
 PB111092BSD

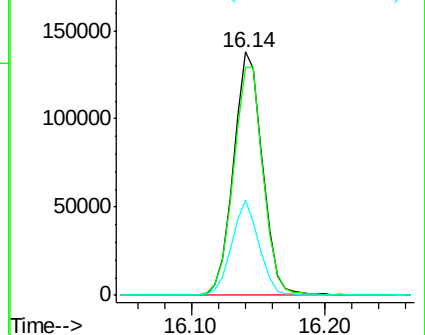
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	37.0	25.2	37.8

Manual Integrations
 APPROVED

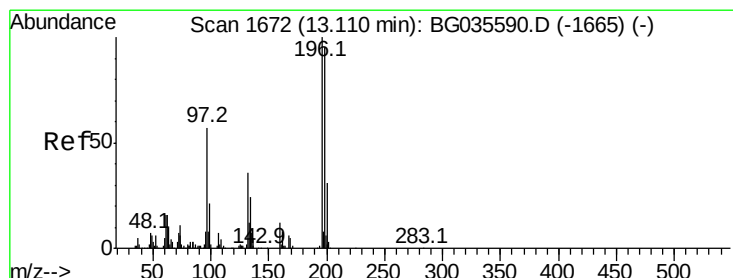
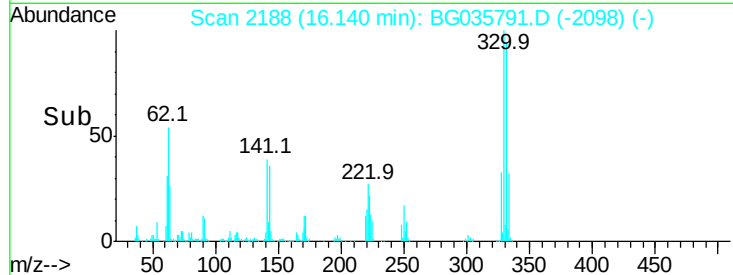
Sohil



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

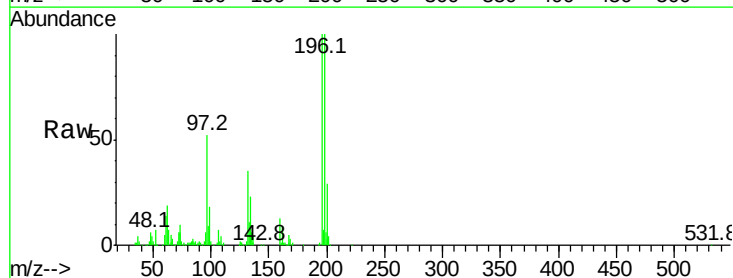


7/23/2018 2:19:04 PM

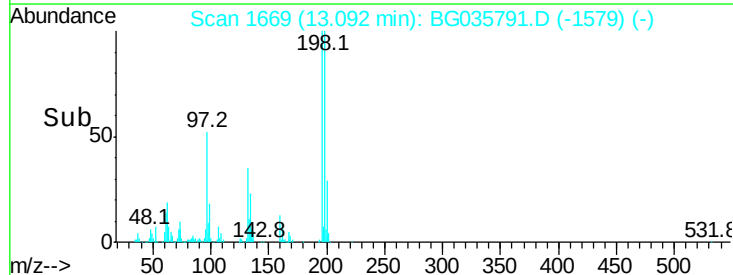
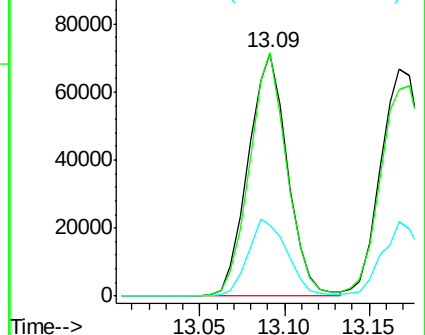


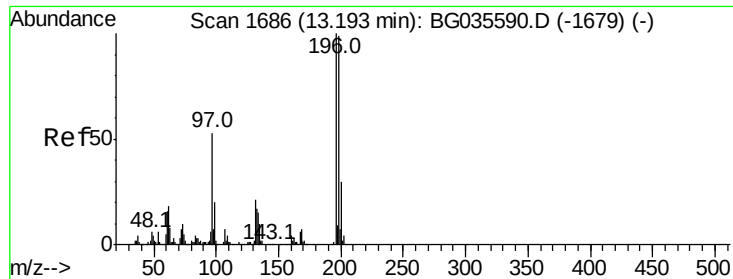
#42
 2,4,6-Trichlorophenol
 Concen: 51.346 ng
 RT: 13.09 min Scan# 1669
 Delta R.T. -0.00 min
 Lab File: BG035791.D
 Acq: 20 Jul 2018 19:27

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.4	78.2	117.2
200	29.4	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





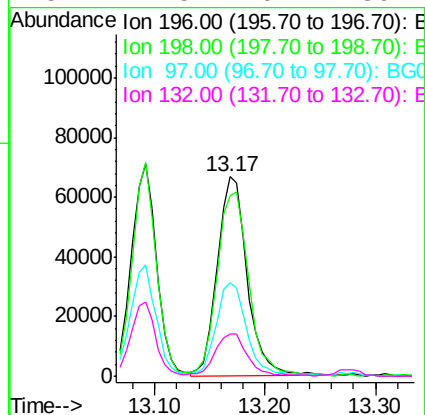
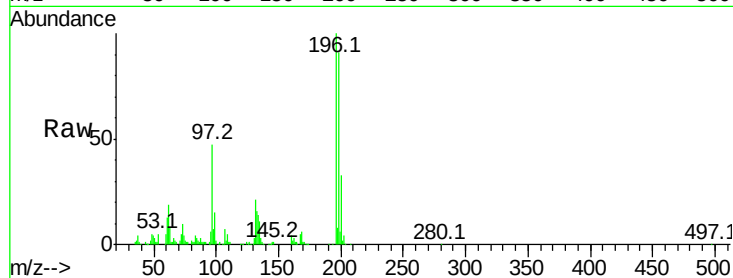
#43
2,4,5-Trichlorophenol
Concen: 50.115 ng
RT: 13.17 min Scan# 1682
Delta R.T. -0.00 min
Lab File: BG035791.D
Acq: 20 Jul 2018 19:27

Instrument :
BNA_G
ClientSampleId :
PB111092BSD

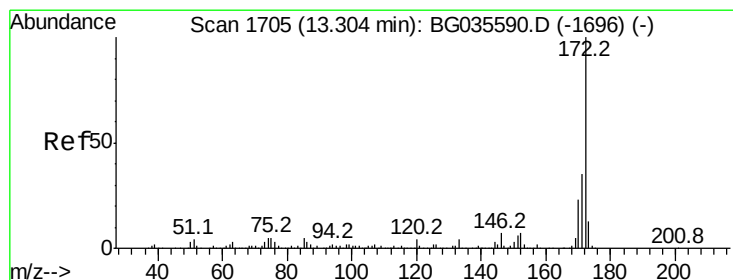
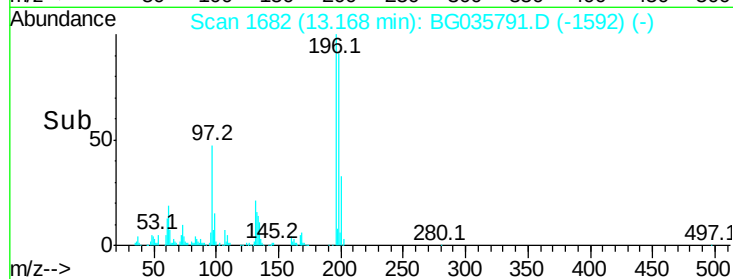
Tot Ion	196	Resp	125542
Ion Ratio	Lower	Upper	
196	100		
198	90.7	76.2	114.4
97	47.1	38.7	58.1
132	21.5	20.2	30.2

Manual Integrations
APPROVED

Sohil

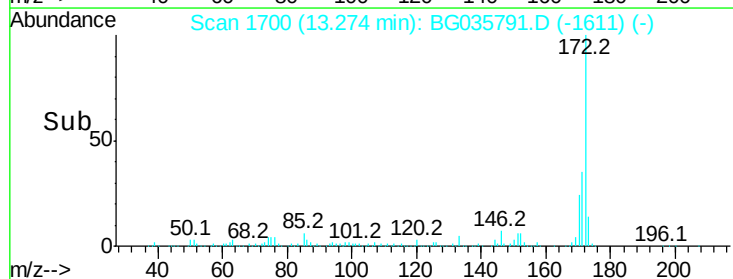
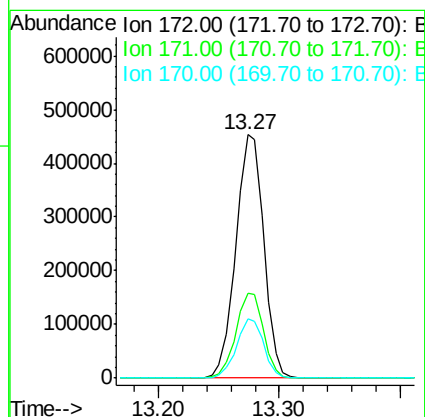
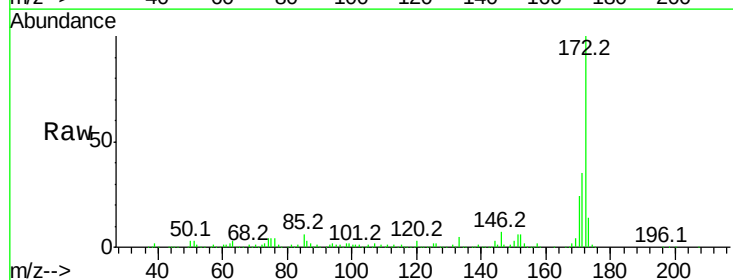


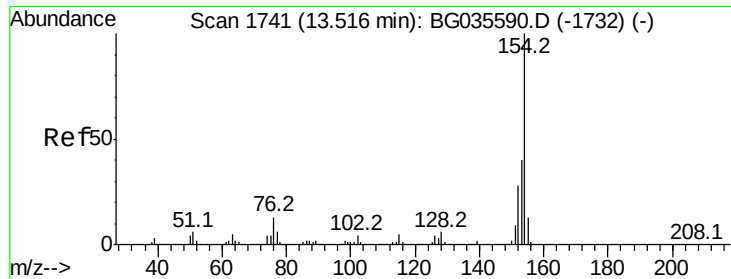
7/23/2018 2:19:04 PM



#44
2-Fluorobiphenyl
Concen: 96.358 ng
RT: 13.27 min Scan# 1700
Delta R.T. -0.01 min
Lab File: BG035791.D
Acq: 20 Jul 2018 19:27

Tgt Ion	172	Resp	729669
Ion Ratio	Lower	Upper	
172	100		
171	34.7	30.0	45.0
170	24.5	19.5	29.3





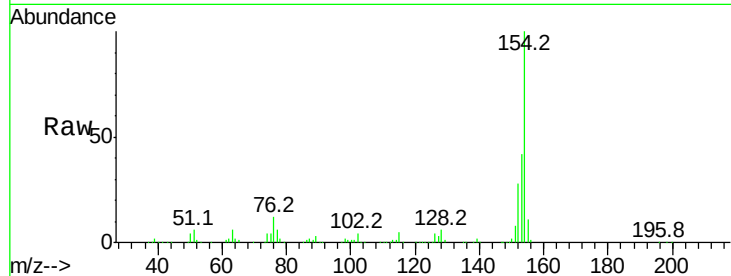
#45
 1,1'-Biphenyl
 Concen: 46.344 ng
 RT: 13.49 min Scan# 1736
 Delta R.T. -0.00 min
 Lab File: BG035791.D
 Acq: 20 Jul 2018 19:27

Instrument :
 BNA_G
 ClientSampleId :
 PB111092BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.5	19.8	59.8
76	11.5	0.0	31.9

Manual Integrations
 APPROVED

Sohil

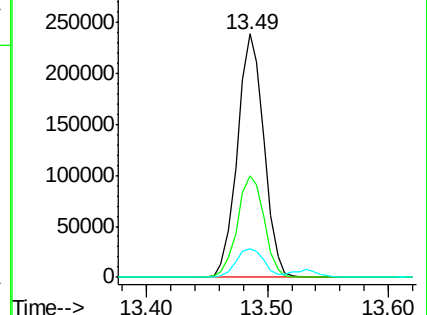
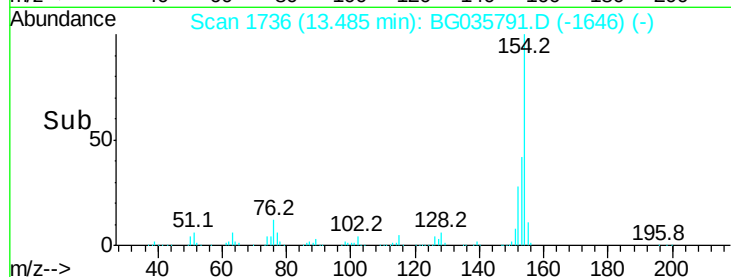


Abundance

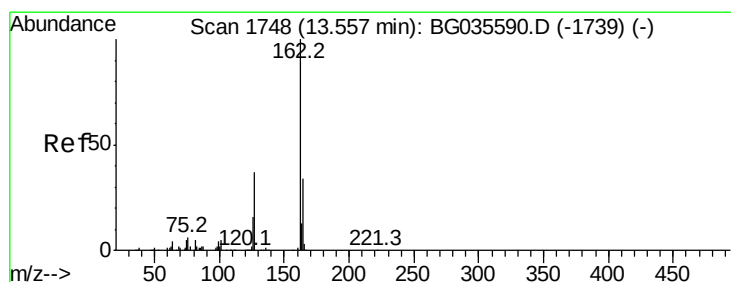
Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): B

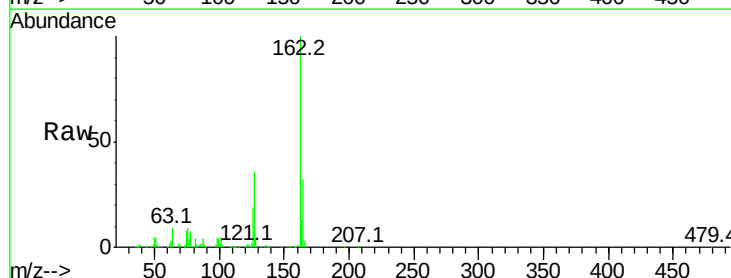


7/23/2018 2:19:04 PM



#46
 2-Chloronaphthalene
 Concen: 47.309 ng
 RT: 13.53 min Scan# 1744
 Delta R.T. -0.00 min
 Lab File: BG035791.D
 Acq: 20 Jul 2018 19:27

Tgt Ion	Ratio	Lower	Upper
162	100		
127	36.4	30.7	46.1
164	32.1	26.0	39.0

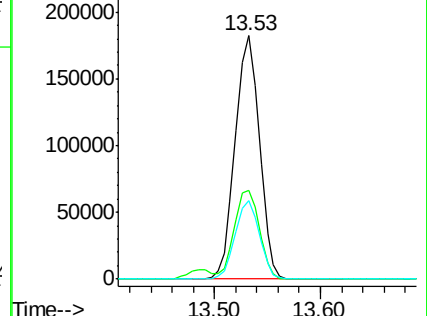
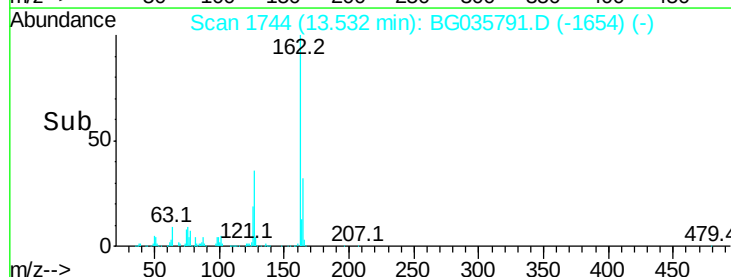


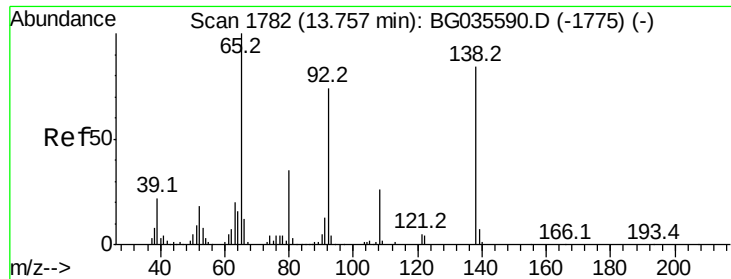
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





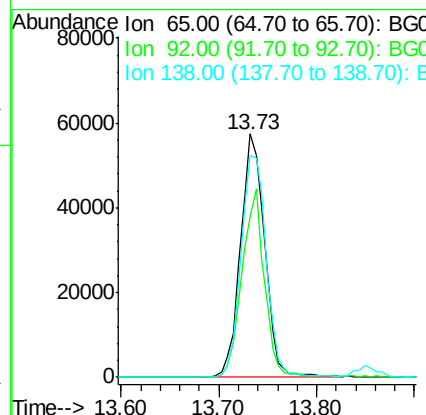
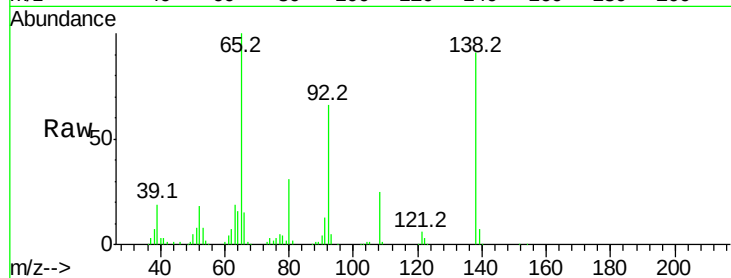
#47
2-Nitroaniline
Concen: 45.666 ng
RT: 13.73 min Scan# 1778
Delta R.T. -0.01 min
Lab File: BG035791.D
Acq: 20 Jul 2018 19:27

Instrument :
BNA_G
ClientSampleId :
PB111092BSD

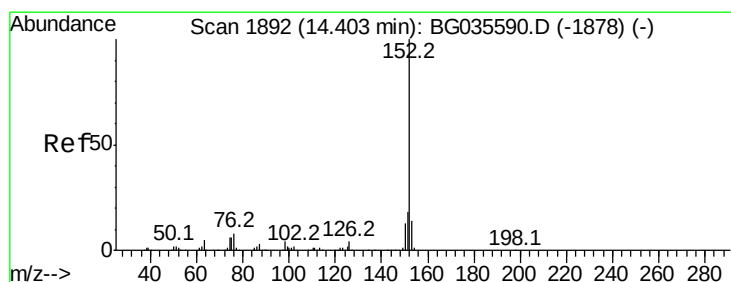
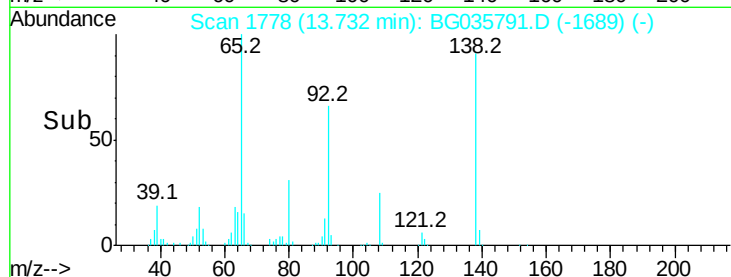
Tot Ion	Ratio	Lower	Upper
65	100		
92	65.7	54.6	82.0
138	91.0	72.9	109.3

Manual Integrations
APPROVED

Sohil

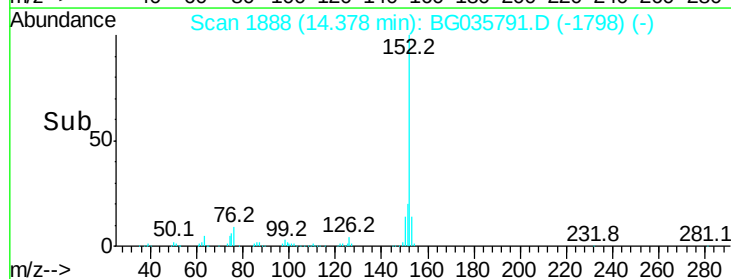
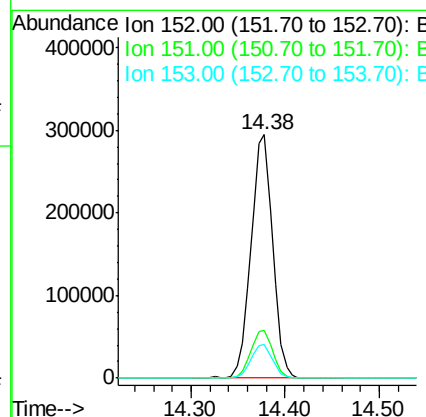
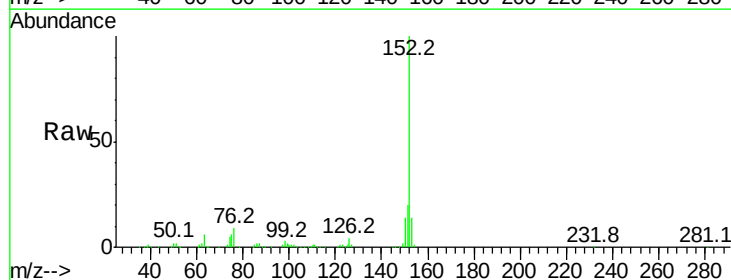


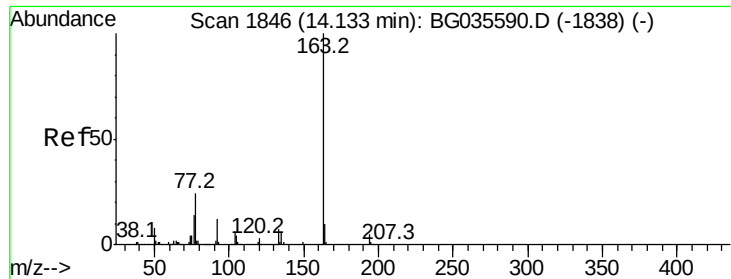
7/23/2018 2:19:04 PM



#48
Acenaphthylene
Concen: 45.798 ng
RT: 14.38 min Scan# 1888
Delta R.T. -0.00 min
Lab File: BG035791.D
Acq: 20 Jul 2018 19:27

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.6	17.2	25.8
153	13.8	10.2	15.4





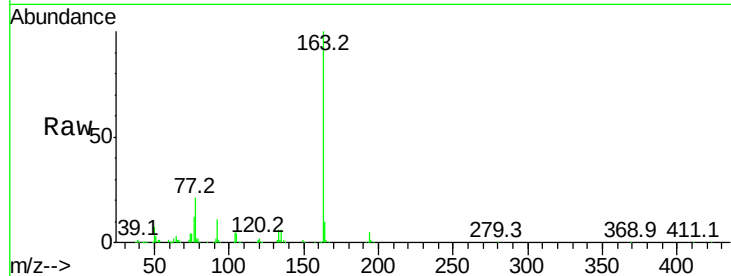
#49
Dimethylphthalate
Concen: 44.371 ng
RT: 14.11 min Scan# 1842
Delta R.T. -0.00 min
Lab File: BG035791.D
Acq: 20 Jul 2018 19:27

Instrument :
BNA_G
ClientSampleId :
PB111092BSD

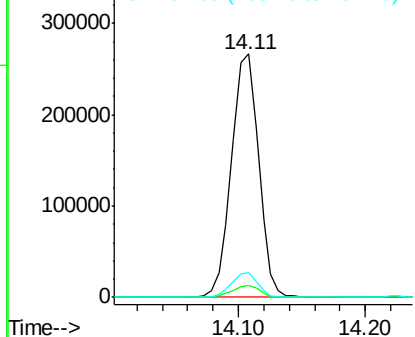
Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	5.0	3.4	5.2
164	10.2	8.2	12.4

Manual Integrations
APPROVED

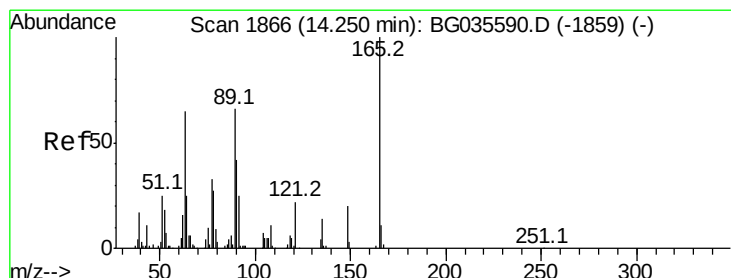
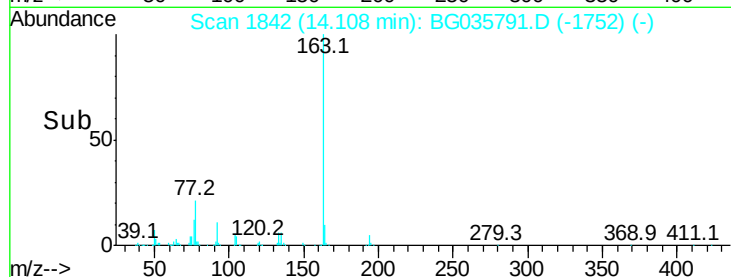
Sohil



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

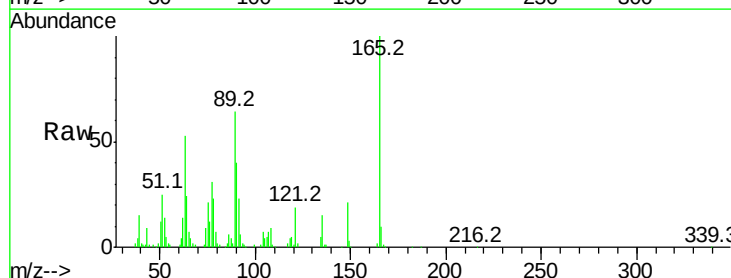


7/23/2018 2:19:04 PM

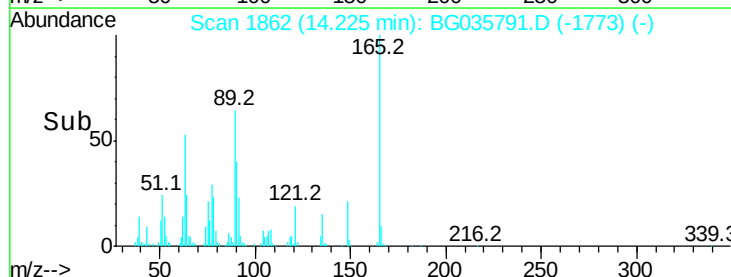
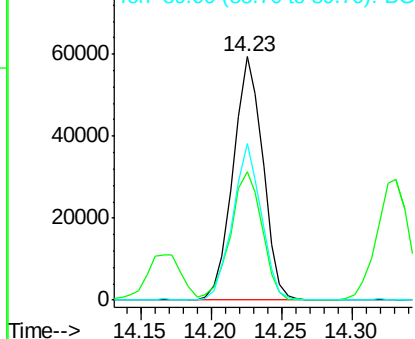


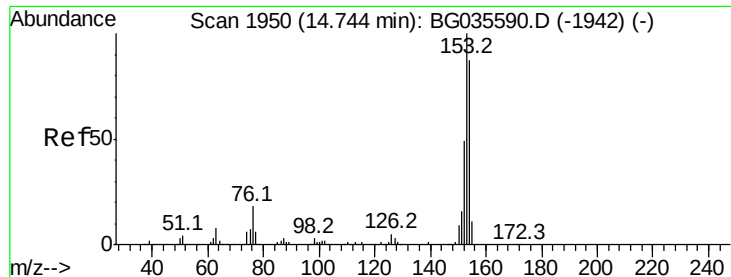
#50
2,6-Dinitrotoluene
Concen: 48.235 ng
RT: 14.23 min Scan# 1862
Delta R.T. -0.01 min
Lab File: BG035791.D
Acq: 20 Jul 2018 19:27

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	53.0	52.7	79.1
89	64.3	49.2	73.8



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 42.824 ng

RT: 14.72 min Scan# 1946

Delta R.T. -0.00 min

Lab File: BG035791.D

Acq: 20 Jul 2018 19:27

Instrument :

BNA_G

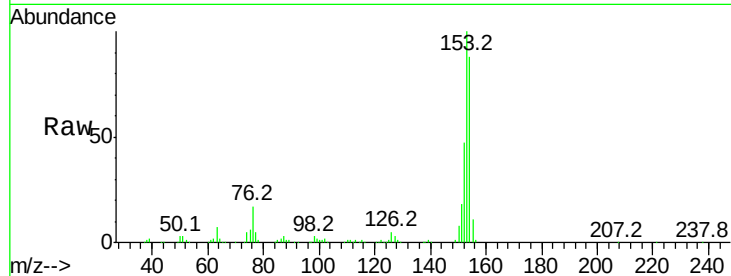
ClientSampleId :

PB111092BSD

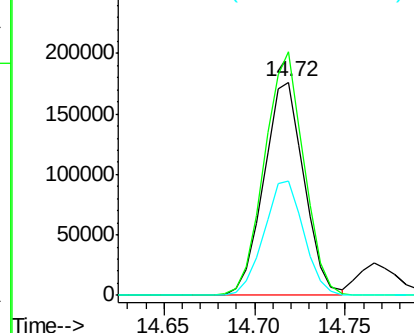
Tot Ion:	154	Resp:	273394
Ion	Ratio	Lower	Upper
154	100		
153	114.2	90.4	135.6
152	53.9	41.6	62.4

Manual Integrations
APPROVED

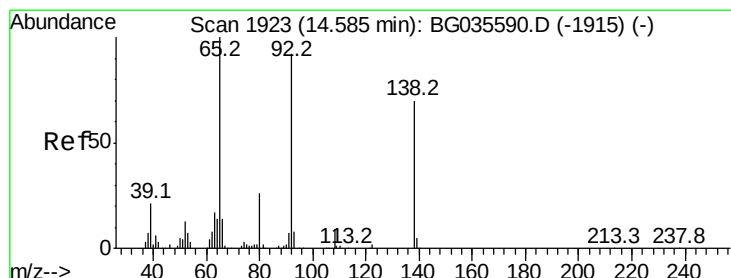
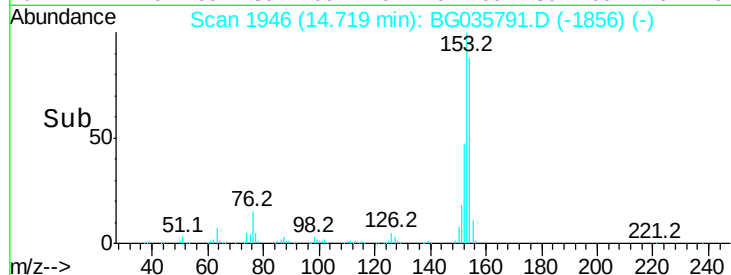
Sohil



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



7/23/2018 2:19:04 PM



#52

3-Nitroaniline

Concen: 25.242 ng

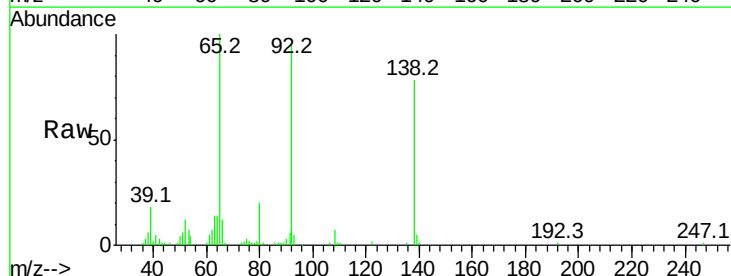
RT: 14.57 min Scan# 1920

Delta R.T. 0.01 min

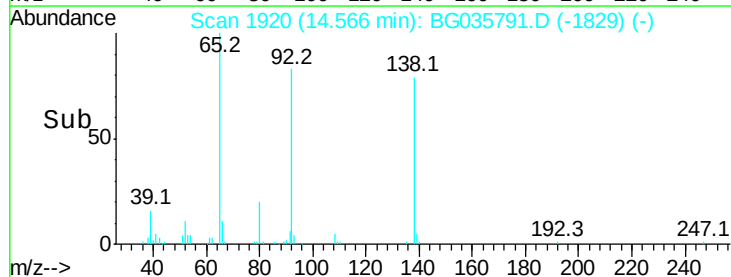
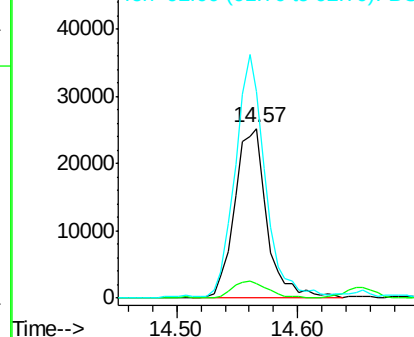
Lab File: BG035791.D

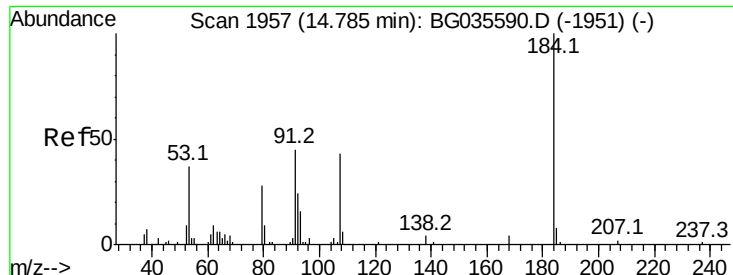
Acq: 20 Jul 2018 19:27

Tgt Ion:	138	Resp:	46698
Ion	Ratio	Lower	Upper
138	100		
108	8.4	17.5	26.3#
92	121.6	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





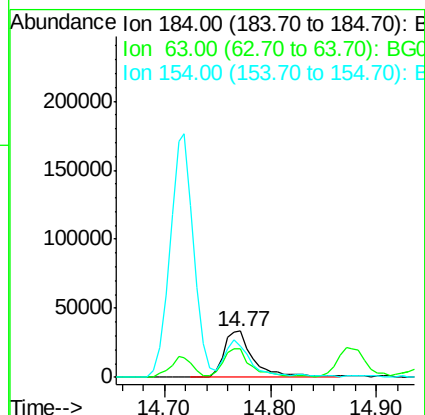
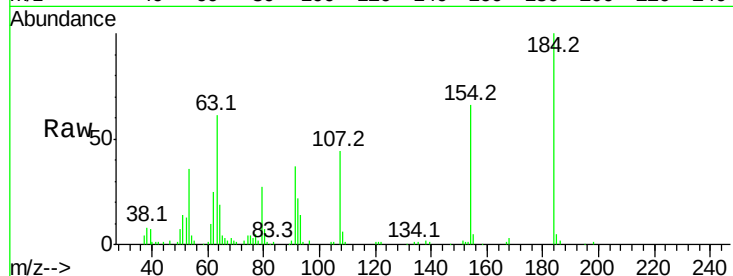
#53
2,4-Dinitrophenol
Concen: 71.047 ng
RT: 14.77 min Scan# 1955
Delta R.T. 0.01 min
Lab File: BG035791.D
Acq: 20 Jul 2018 19:27

Instrument :
BNA_G
ClientSampleId :
PB111092BSD

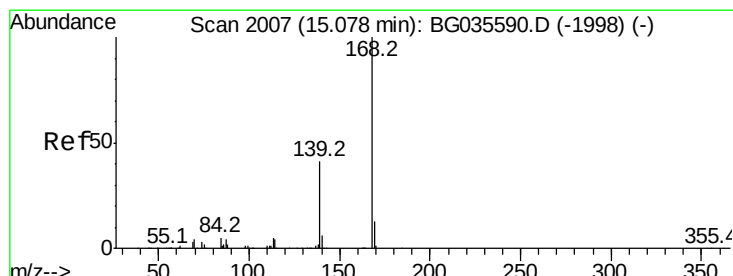
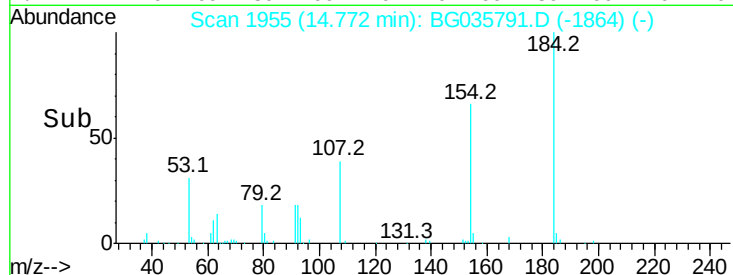
Tot Ion:184 Resp: 65384
Ion Ratio Lower Upper
184 100
63 60.7 59.8 89.8
154 66.1 101.8 152.8#

Manual Integrations
APPROVED

Sohil

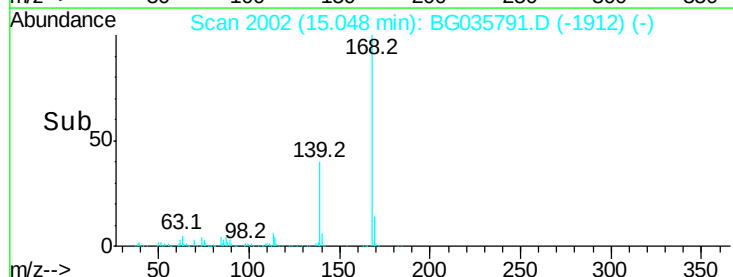
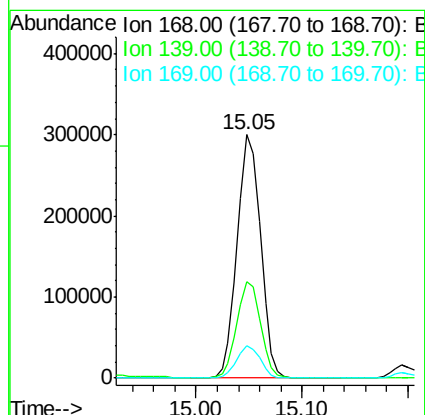
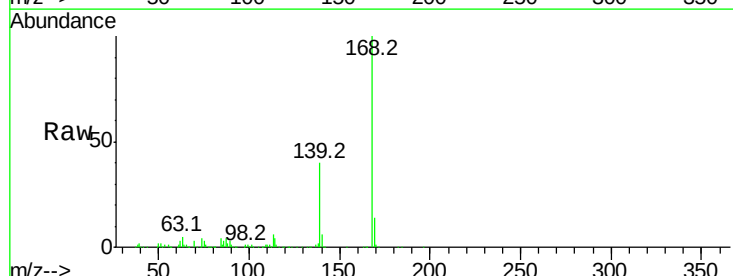


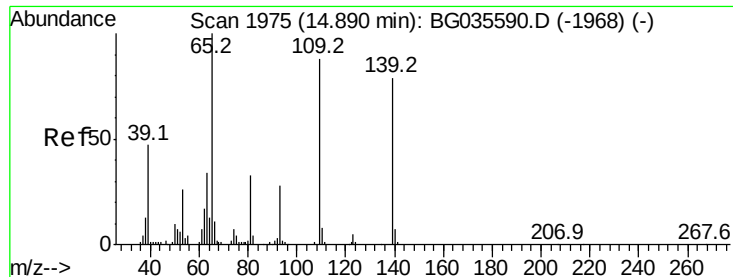
7/23/2018 2:19:04 PM



#54
Dibenzofuran
Concen: 45.240 ng
RT: 15.05 min Scan# 2002
Delta R.T. -0.00 min
Lab File: BG035791.D
Acq: 20 Jul 2018 19:27

Tgt Ion:168 Resp: 459332
Ion Ratio Lower Upper
168 100
139 39.8 28.6 43.0
169 13.5 11.2 16.8





#55

4-Nitrophenol

Concen: 94.729 ng

RT: 14.88 min Scan# 1973

Delta R.T. -0.00 min

Lab File: BG035791.D

Acq: 20 Jul 2018 19:27

Instrument :

BNA_G

ClientSampleId :

PB111092BSD

Tot Ion:139 Resp: 124807

Ion Ratio Lower Upper

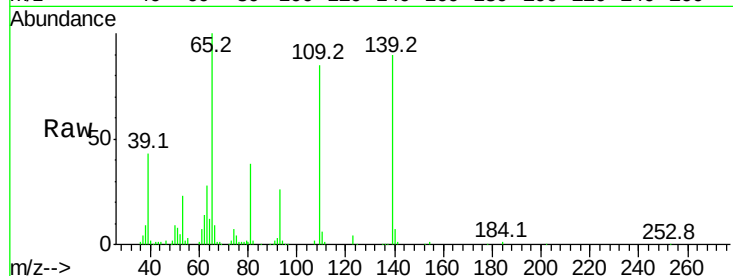
139 100

109 94.4 62.2 102.2

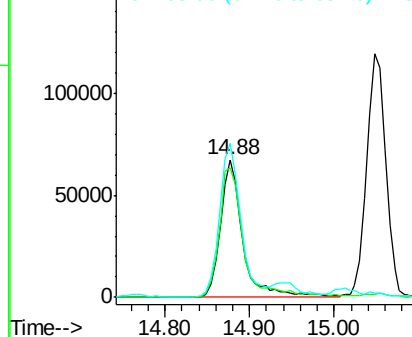
65 111.2 97.2 137.2

Manual Integrations
APPROVED

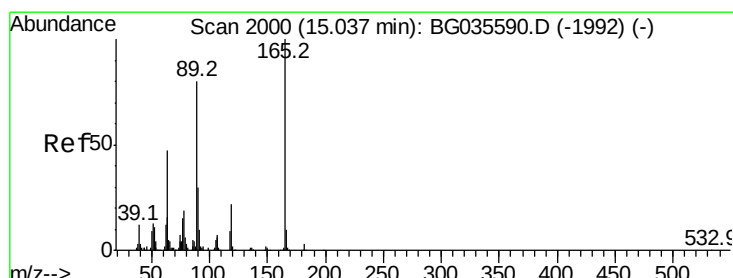
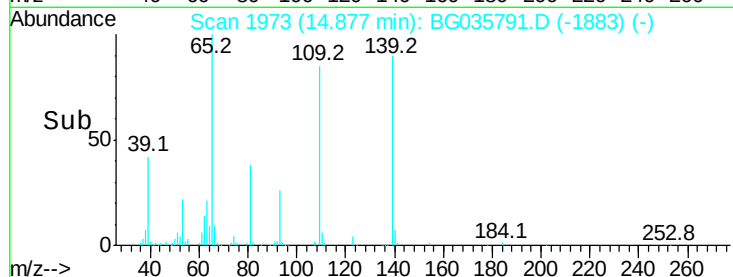
Sohil



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): B



7/23/2018 2:19:04 PM



#56

2,4-Dinitrotoluene

Concen: 49.757 ng

RT: 15.01 min Scan# 1996

Delta R.T. -0.00 min

Lab File: BG035791.D

Acq: 20 Jul 2018 19:27

Tgt Ion:165 Resp: 129208

Ion Ratio Lower Upper

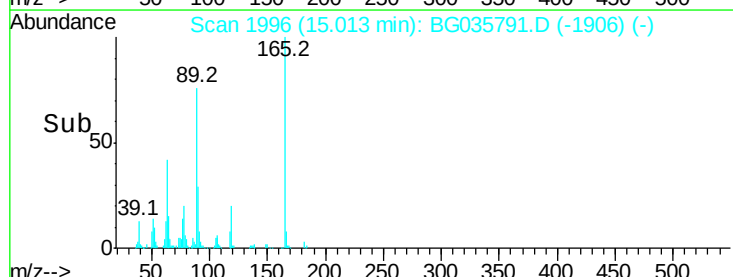
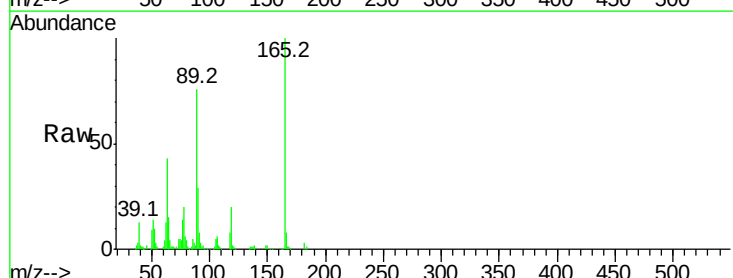
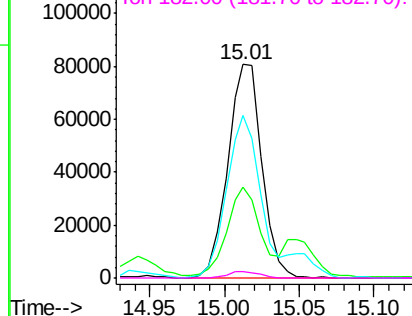
165 100

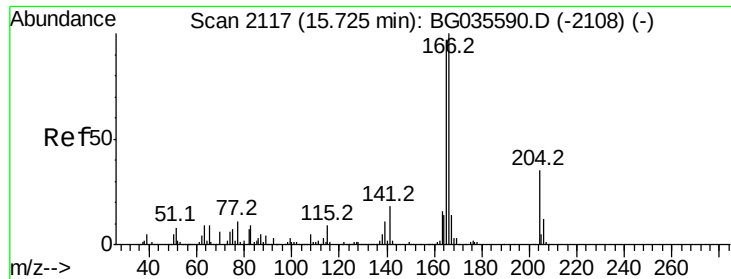
63 42.7 42.0 63.0

89 76.3 66.9 100.3

182 2.9 2.6 3.8

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): B
Ion 89.00 (88.70 to 89.70): B
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 45.375 ng

RT: 15.70 min Scan# 2113

Delta R.T. -0.00 min

Lab File: BG035791.D

Acq: 20 Jul 2018 19:27

Instrument :

BNA_G

ClientSampleId :

PB111092BSD

Tot Ion:166 Resp: 386139

Ion Ratio Lower Upper

166 100

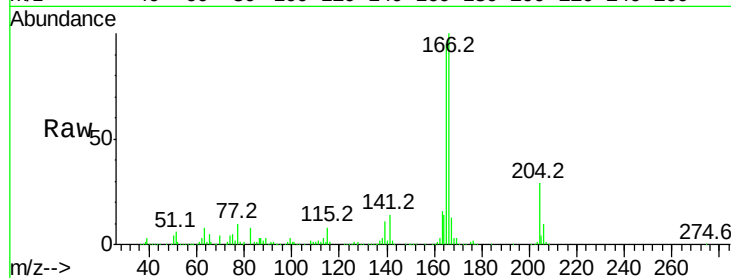
165 95.4 80.6 121.0

167 13.3 10.4 15.6

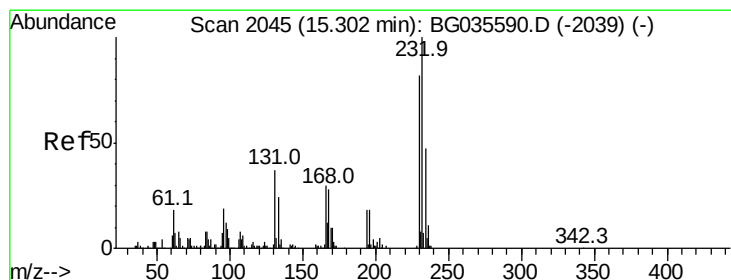
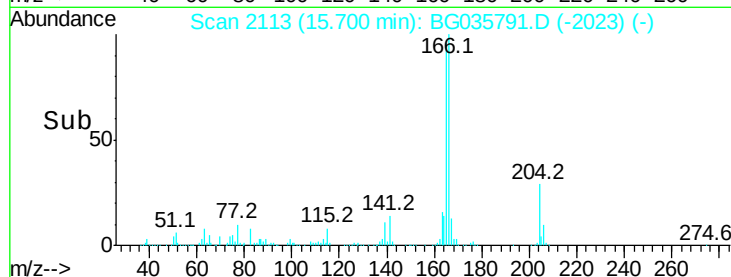
Manual Integrations

APPROVED

Sohil



7/23/2018 2:19:04 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 50.399 ng

RT: 15.28 min Scan# 2041

Delta R.T. -0.00 min

Lab File: BG035791.D

Acq: 20 Jul 2018 19:27

Tgt Ion:232 Resp: 121052

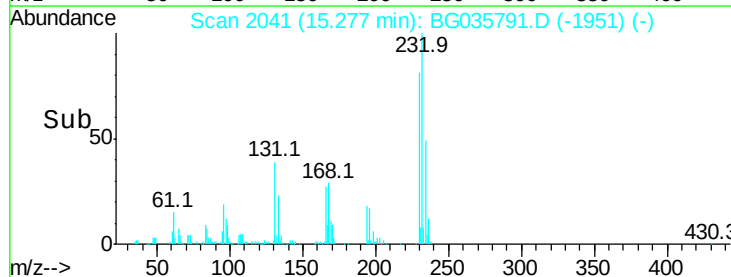
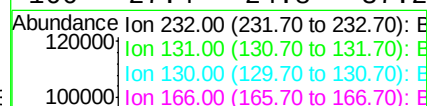
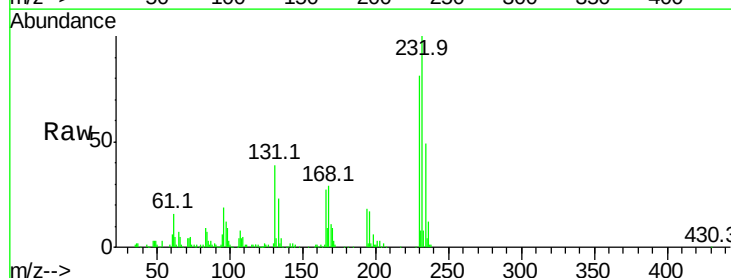
Ion Ratio Lower Upper

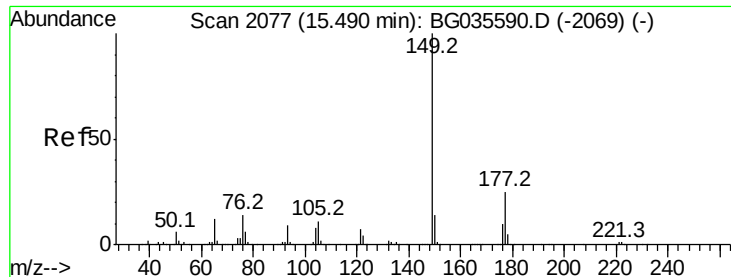
232 100

131 36.3 33.5 50.3

130 2.1 2.2 3.2#

166 27.4 24.8 37.2





#59

Diethylphthalate

Concen: 42.867 ng

RT: 15.46 min Scan# 2073

Delta R.T. -0.00 min

Lab File: BG035791.D

Acq: 20 Jul 2018 19:27

Instrument :

BNA_G

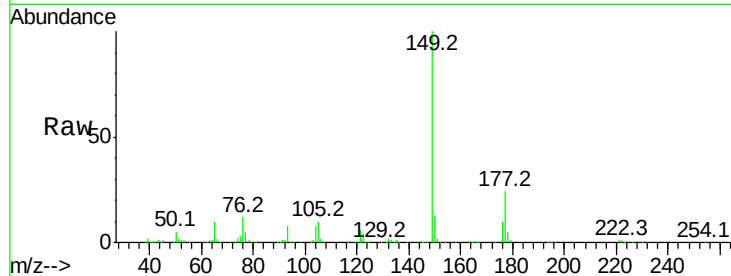
ClientSampleId :

PB111092BSD

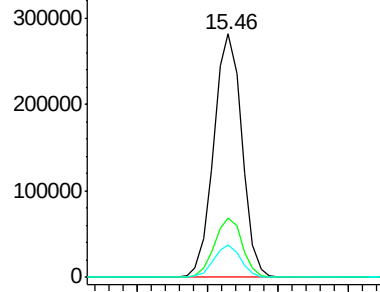
Tot Ion:	149	Resp:	391802
Ion Ratio	Lower	Upper	
149	100		
177	24.3	18.5	27.7
150	13.3	10.2	15.2

Manual Integrations
APPROVED

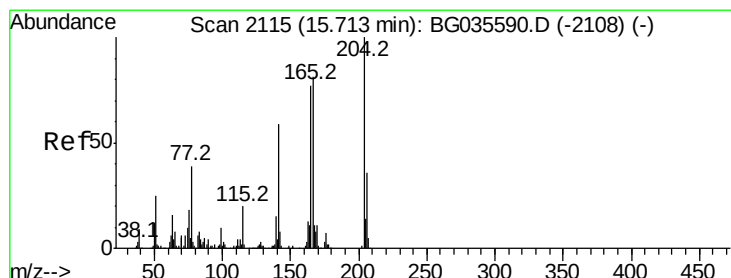
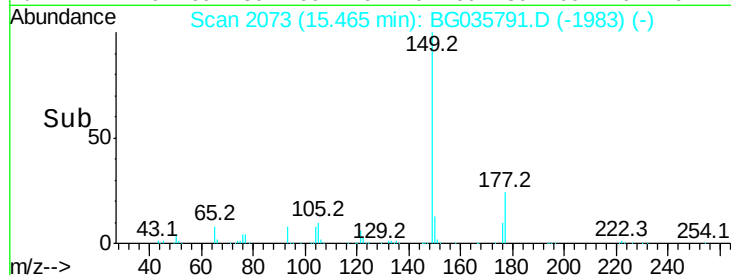
Sohil



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



7/23/2018 2:19:04 PM



#60

4-Chlorophenyl-phenylether

Concen: 44.863 ng

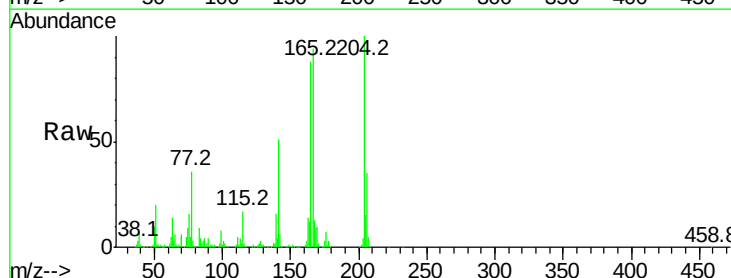
RT: 15.69 min Scan# 2111

Delta R.T. -0.00 min

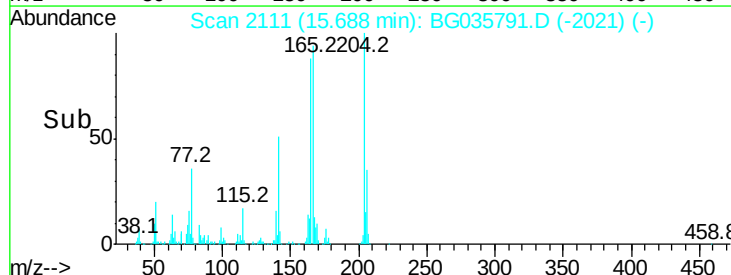
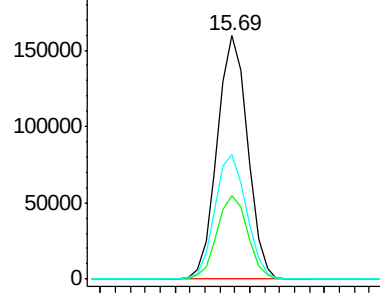
Lab File: BG035791.D

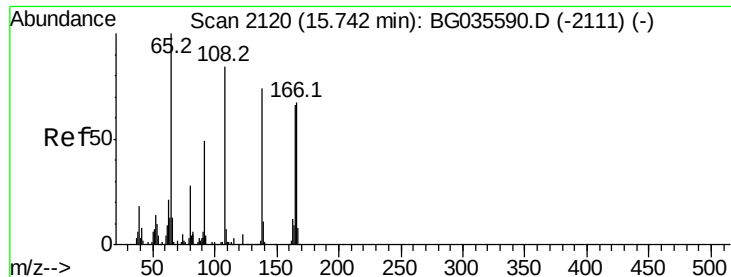
Acq: 20 Jul 2018 19:27

Tgt Ion:	204	Resp:	224391
Ion Ratio	Lower	Upper	
204	100		
206	34.5	26.2	39.2
141	51.1	45.8	68.6



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





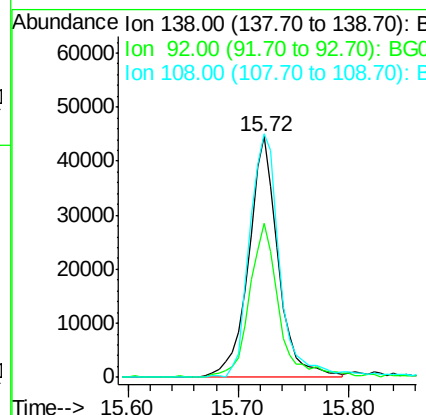
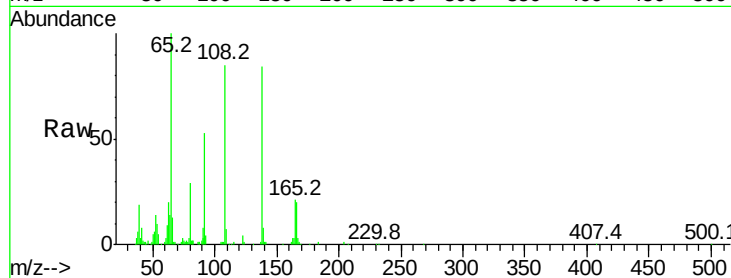
#61
4-Nitroaniline
Concen: 43.154 ng
RT: 15.72 min Scan# 2117
Delta R.T. -0.00 min
Lab File: BG035791.D
Acq: 20 Jul 2018 19:27

Instrument :
BNA_G
ClientSampleId :
PB111092BSD

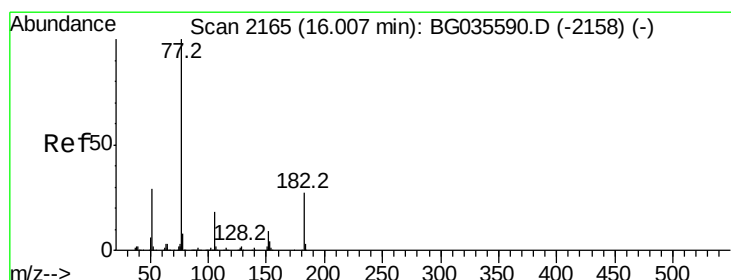
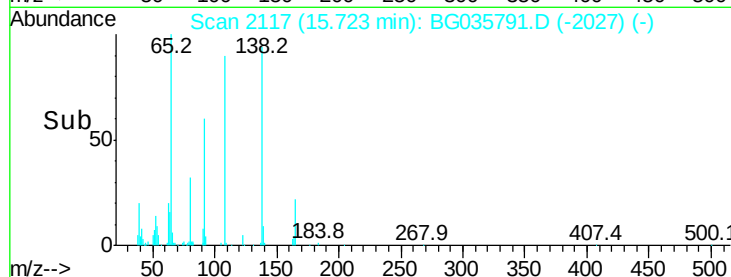
Tot Ion	Ratio	Lower	Upper
138	100		
92	63.8	40.1	80.1
108	101.1	65.4	105.4

Manual Integrations
APPROVED

Sohil

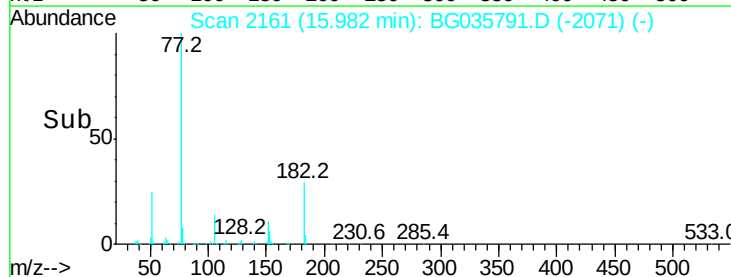
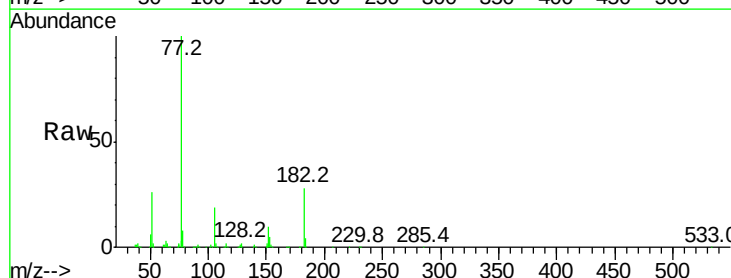
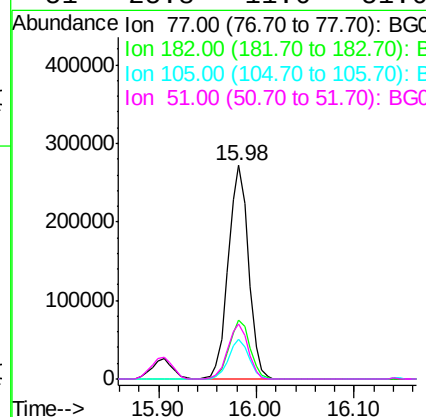


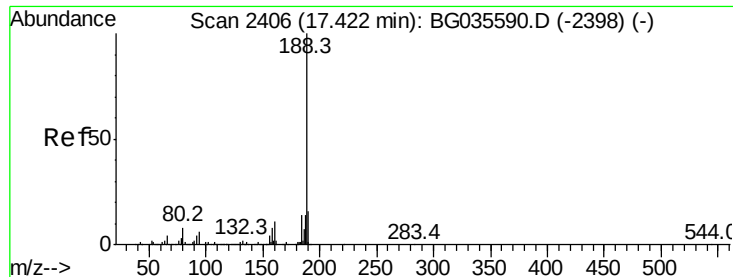
7/23/2018 2:19:04 PM



#62
Azobenzene
Concen: 43.364 ng
RT: 15.98 min Scan# 2161
Delta R.T. -0.00 min
Lab File: BG035791.D
Acq: 20 Jul 2018 19:27

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.7	7.4	47.4
105	18.7	0.3	40.3
51	25.8	11.6	51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2402

Delta R.T. -0.00 min

Lab File: BG035791.D

Acq: 20 Jul 2018 19:27

Instrument :

BNA_G

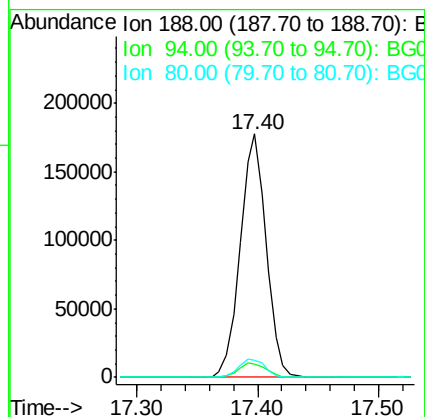
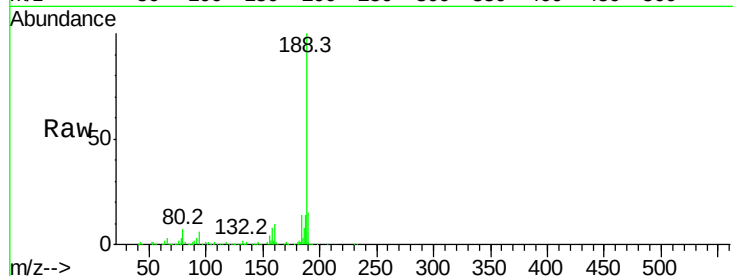
ClientSampleId :

PB111092BSD

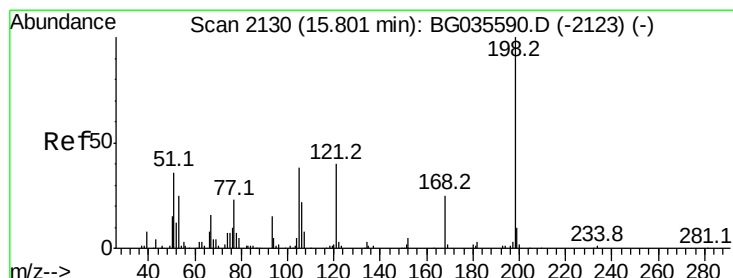
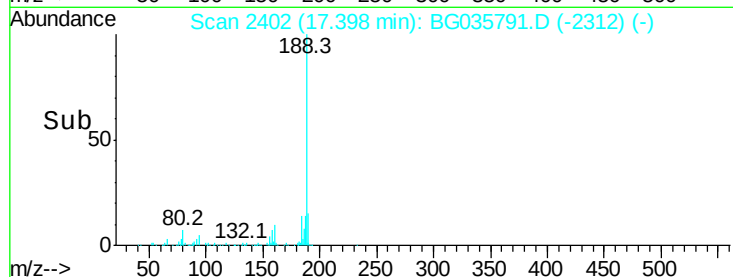
Tot Ion:	188	Resp:	265910
Ion Ratio	Lower	Upper	
188	100		
94	5.7	6.9	10.3#
80	7.2	7.7	11.5#

Manual Integrations
APPROVED

Sohil



7/23/2018 2:19:04 PM



#64

4,6-Dinitro-2-methylphenol

Concen: 38.587 ng

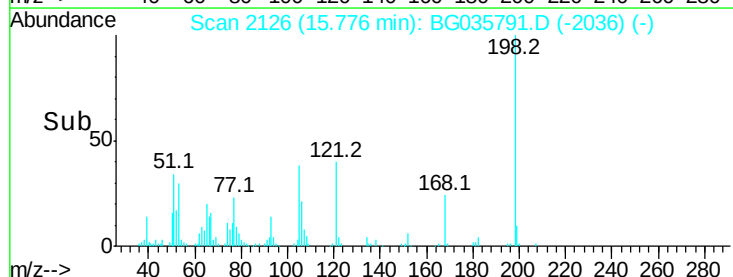
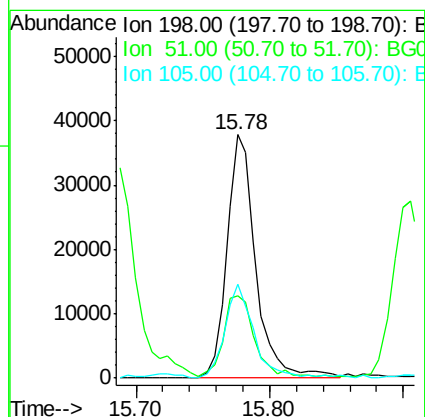
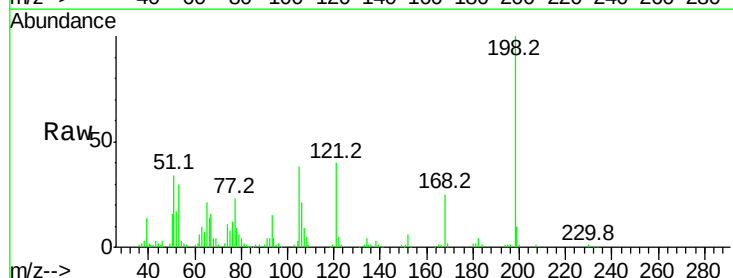
RT: 15.78 min Scan# 2126

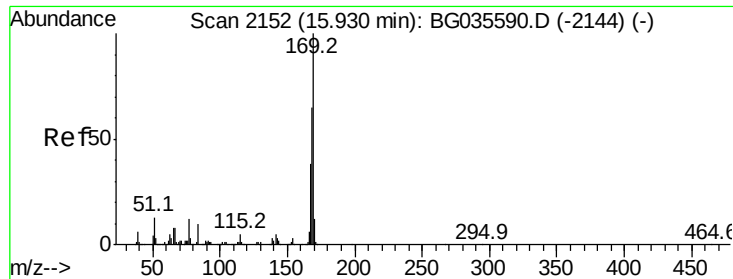
Delta R.T. -0.00 min

Lab File: BG035791.D

Acq: 20 Jul 2018 19:27

Tgt Ion:	198	Resp:	57117
Ion Ratio	Lower	Upper	
198	100		
51	33.8	30.6	70.6
105	38.3	23.8	63.8





#65

n-Nitrosodiphenylamine

Concen: 44.891 ng

RT: 15.91 min Scan# 2148

Delta R.T. -0.00 min

Lab File: BG035791.D

Acq: 20 Jul 2018 19:27

Instrument :

BNA_G

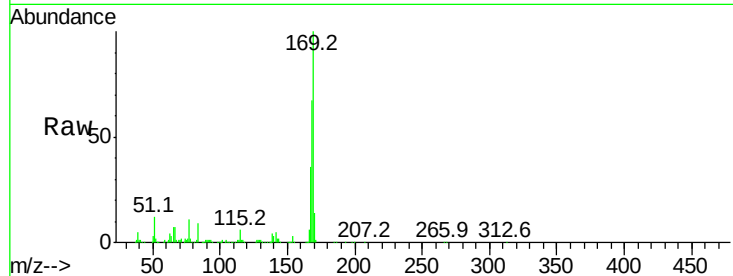
ClientSampleId :

PB111092BSD

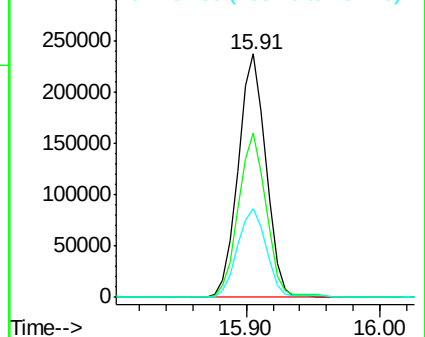
Tot Ion:	169	Resp:	339770
Ion Ratio	Lower	Upper	
169	100		
168	67.5	55.7	83.5
167	36.3	30.1	45.1

Manual Integrations
APPROVED

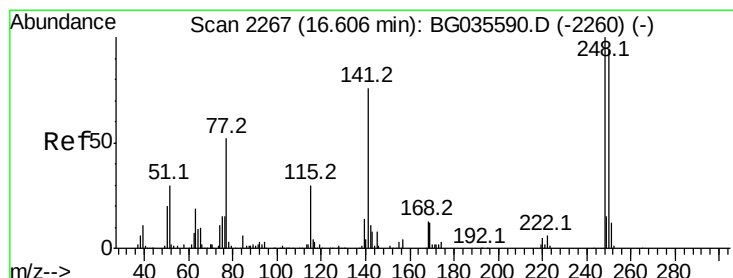
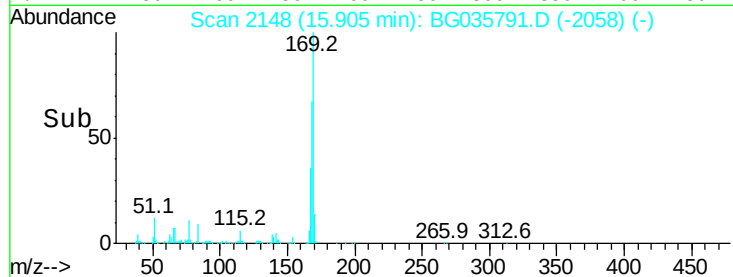
Sohil



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



7/23/2018 2:19:04 PM



#66

4-Bromophenyl-phenylether

Concen: 47.500 ng

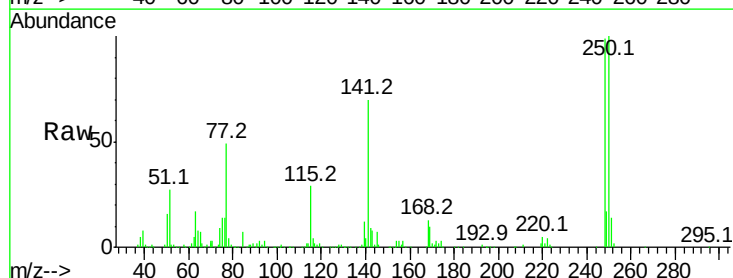
RT: 16.58 min Scan# 2263

Delta R.T. -0.00 min

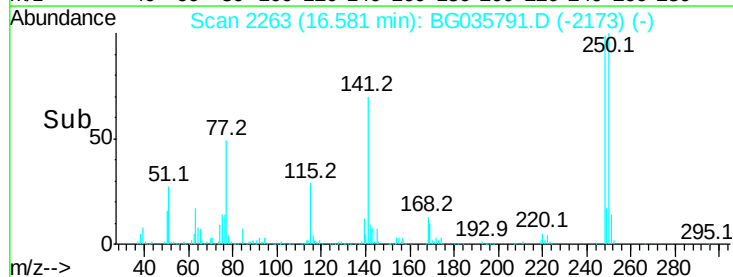
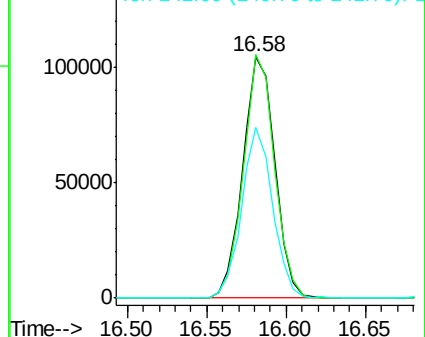
Lab File: BG035791.D

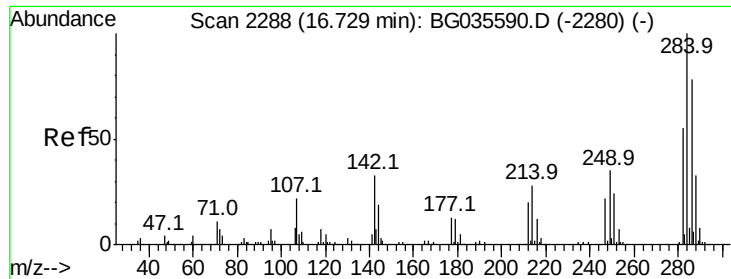
Acq: 20 Jul 2018 19:27

Tgt Ion:	248	Resp:	146537
Ion Ratio	Lower	Upper	
248	100		
250	100.9	77.1	115.7
141	70.6	50.8	76.2



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 48.461 ng

RT: 16.70 min Scan# 2284

Delta R.T. -0.00 min

Lab File: BG035791.D

Acq: 20 Jul 2018 19:27

Instrument :

BNA_G

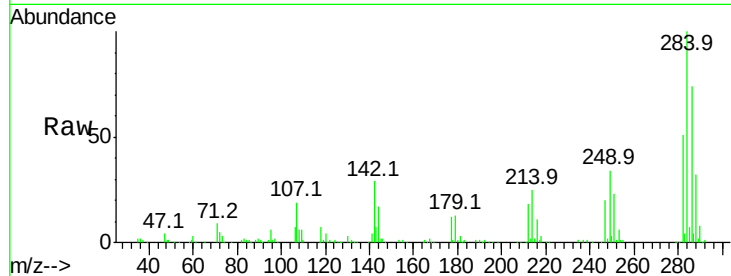
ClientSampleId :

PB111092BSD

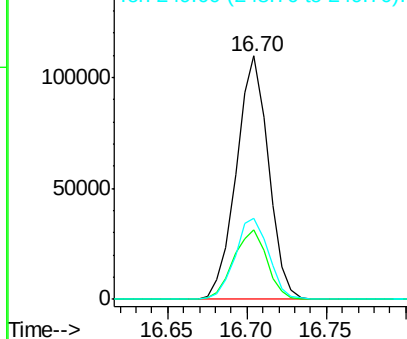
Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	28.6	26.8	40.2	
249	33.5	26.3	39.5	

Manual Integrations
APPROVED

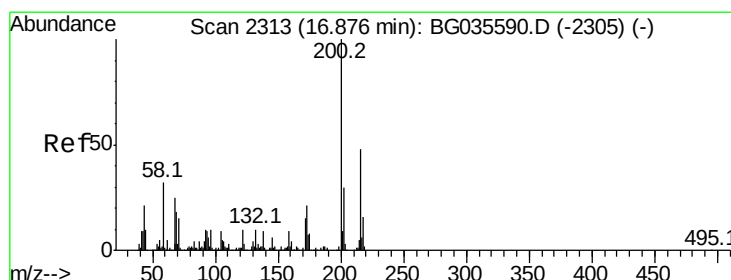
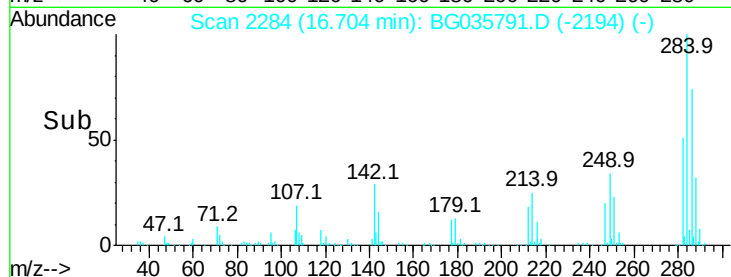
Sohil



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



7/23/2018 2:19:04 PM



#68

Atrazine

Concen: 49.636 ng

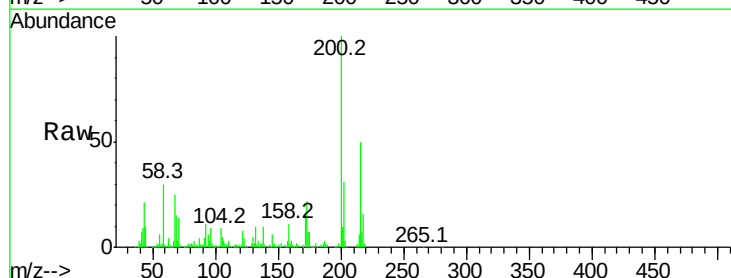
RT: 16.85 min Scan# 2309

Delta R.T. -0.00 min

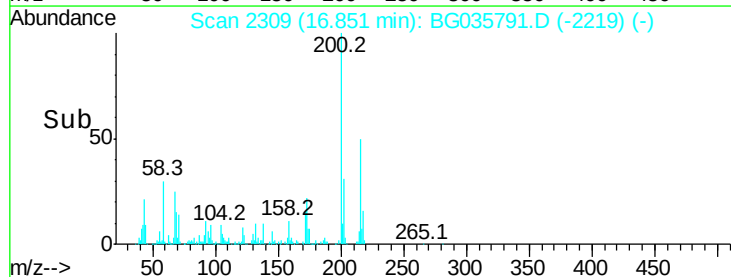
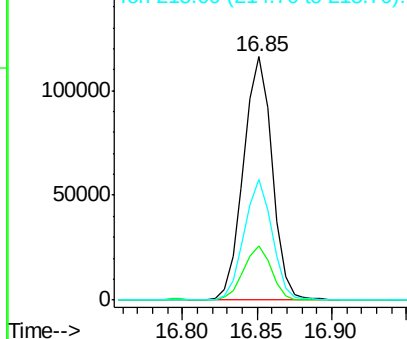
Lab File: BG035791.D

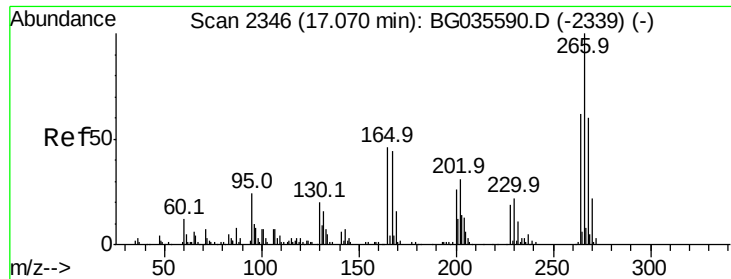
Acq: 20 Jul 2018 19:27

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	22.2	5.2	45.2	
215	49.7	30.4	70.4	



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





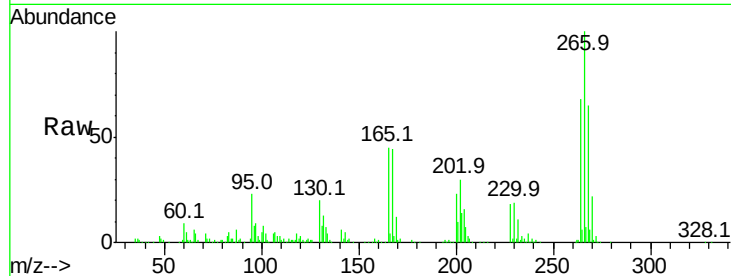
#69
 Pentachlorophenol
 Concen: 59.805 ng
 RT: 17.05 min Scan# 2343
 Delta R.T. -0.00 min
 Lab File: BG035791.D
 Acq: 20 Jul 2018 19:27

Instrument :
 BNA_G
 ClientSampleId :
 PB111092BSD

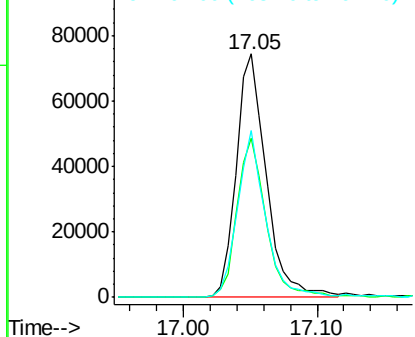
Tot Ion:	266	Resp:	115728
Ion Ratio		Lower	Upper
266	100		
268	65.2	51.1	76.7
264	68.4	49.6	74.4

Manual Integrations
 APPROVED

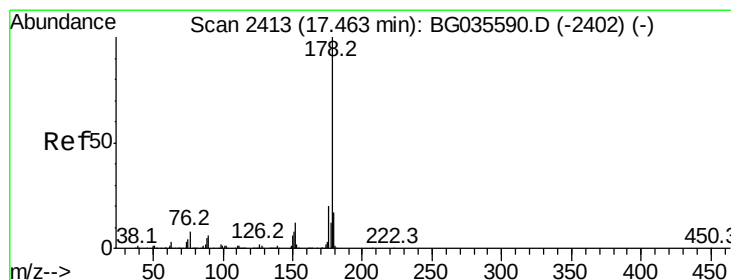
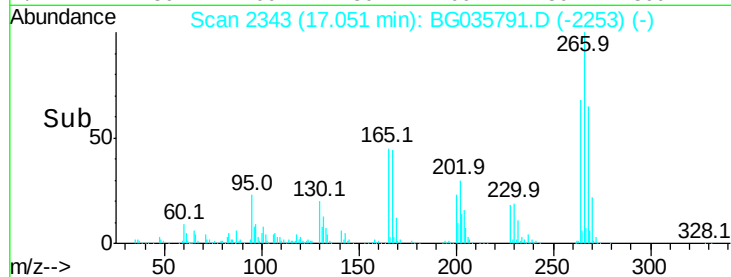
Sohil



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

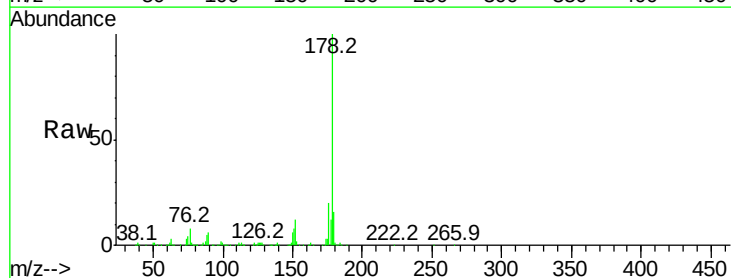


7/23/2018 2:19:04 PM

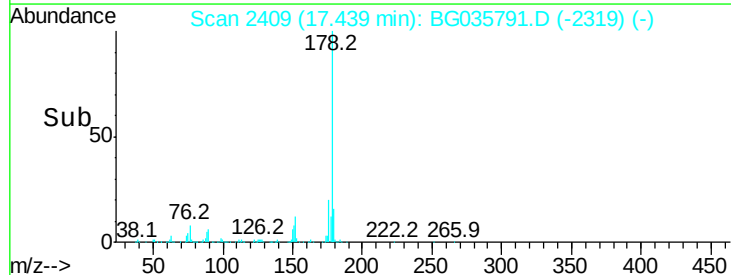
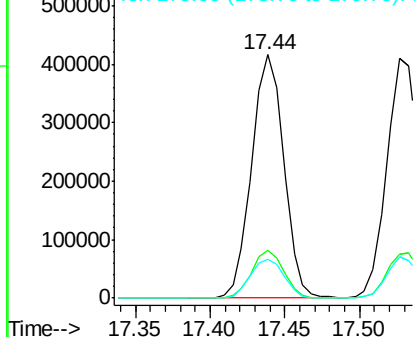


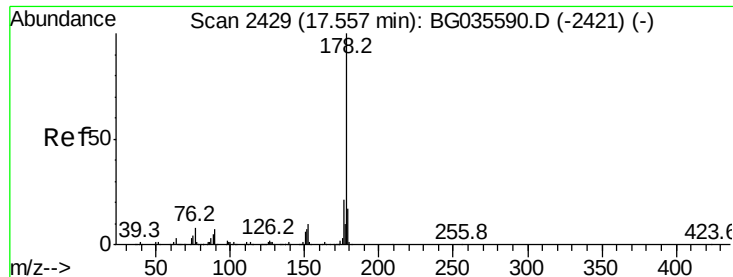
#70
 Phenanthrene
 Concen: 46.701 ng
 RT: 17.44 min Scan# 2409
 Delta R.T. -0.00 min
 Lab File: BG035791.D
 Acq: 20 Jul 2018 19:27

Tgt Ion:	178	Resp:	619650
Ion Ratio		Lower	Upper
178	100		
176	19.8	15.7	23.5
179	16.0	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: 47.740 ng

RT: 17.53 min Scan# 2424

Delta R.T. -0.01 min

Lab File: BG035791.D

Acq: 20 Jul 2018 19:27

Instrument :

BNA_G

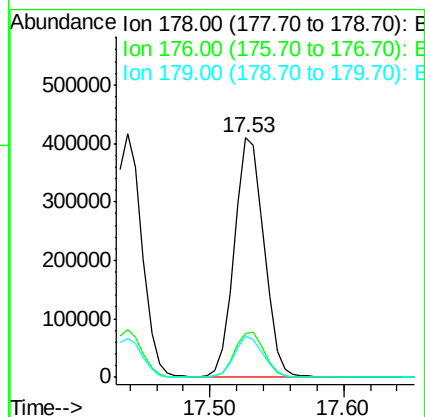
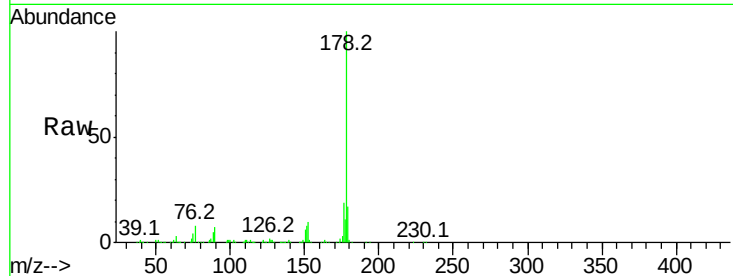
ClientSampleId :

PB111092BSD

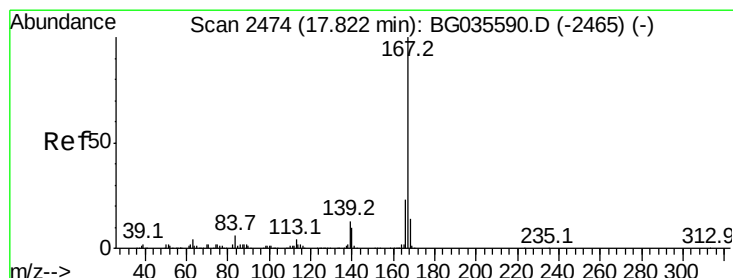
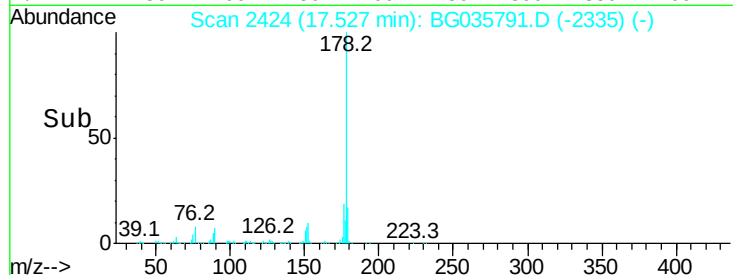
Tot Ion:	178	Resp:	630736
Ion Ratio	Lower	Upper	
178	100		
176	18.5	16.0	24.0
179	17.4	12.5	18.7

Manual Integrations
APPROVED

Sohil



7/23/2018 2:19:04 PM



#72

Carbazole

Concen: 45.487 ng

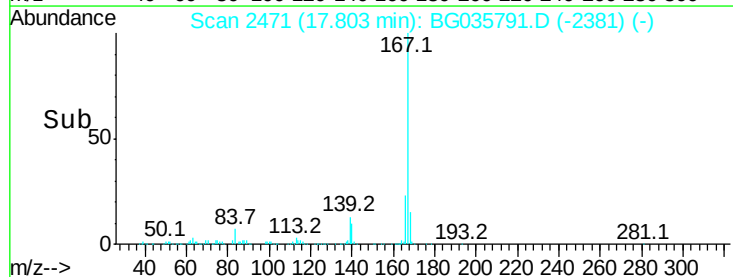
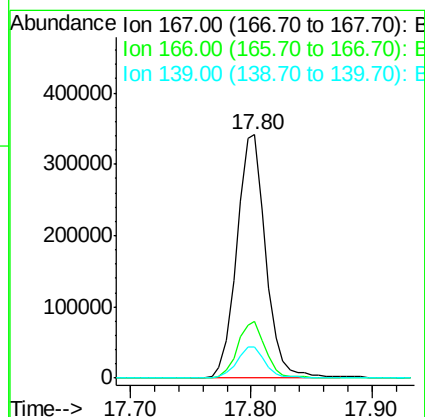
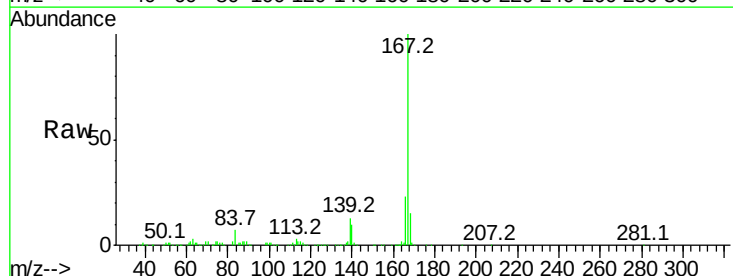
RT: 17.80 min Scan# 2471

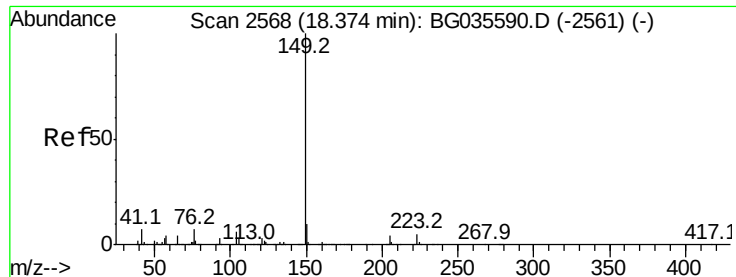
Delta R.T. -0.00 min

Lab File: BG035791.D

Acq: 20 Jul 2018 19:27

Tgt Ion:	167	Resp:	570724
Ion Ratio	Lower	Upper	
167	100		
166	23.4	18.2	27.4
139	12.7	9.4	14.2





#73

Di-n-butylphthalate

Concen: 44.867 ng

RT: 18.35 min Scan# 2564

Delta R.T. -0.00 min

Lab File: BG035791.D

Acq: 20 Jul 2018 19:27

Instrument :

BNA_G

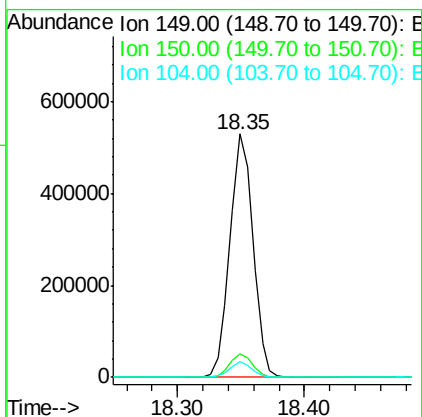
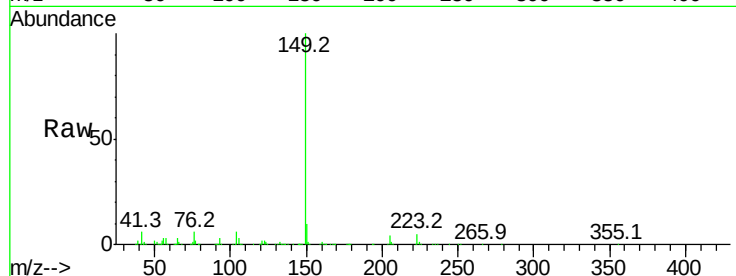
ClientSampleId :

PB111092BSD

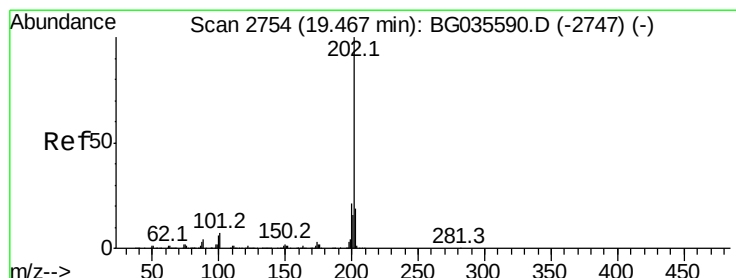
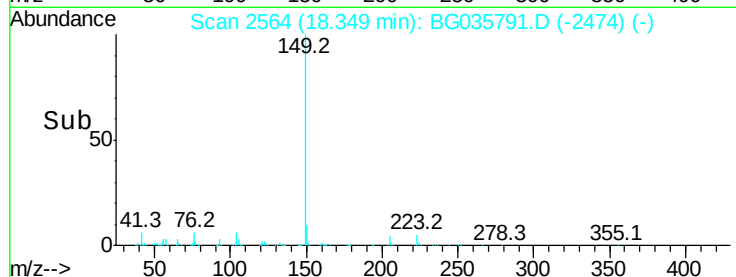
Tot Ion:	149	Resp:	665240
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.8	11.6
104	6.4	3.9	5.9

Manual Integrations
APPROVED

Sohil



7/23/2018 2:19:04 PM



#74

Fluoranthene

Concen: 45.727 ng

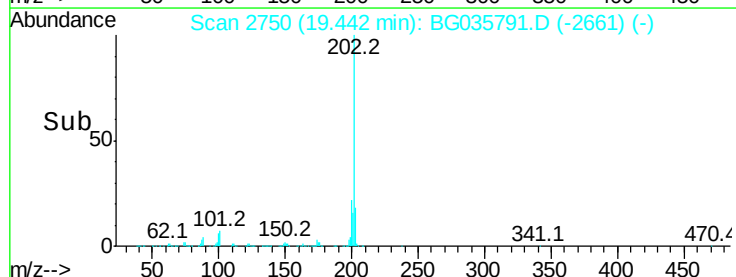
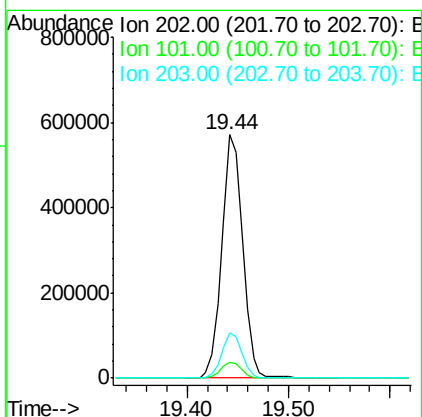
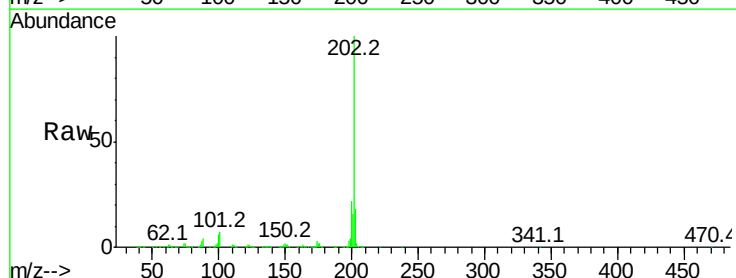
RT: 19.44 min Scan# 2750

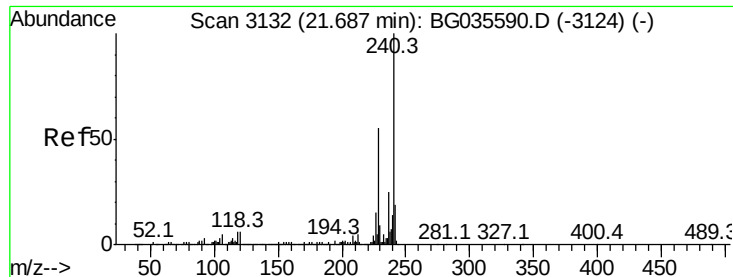
Delta R.T. -0.01 min

Lab File: BG035791.D

Acq: 20 Jul 2018 19:27

Tgt Ion:	202	Resp:	817249
Ion Ratio	Lower	Upper	
202	100		
101	6.6	0.0	28.9
203	18.5	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3128

Delta R.T. -0.00 min

Lab File: BG035791.D

Acq: 20 Jul 2018 19:27

Instrument :

BNA_G

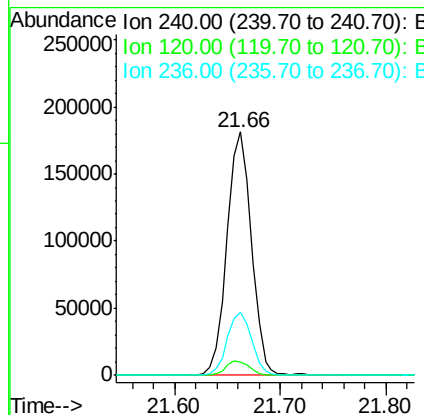
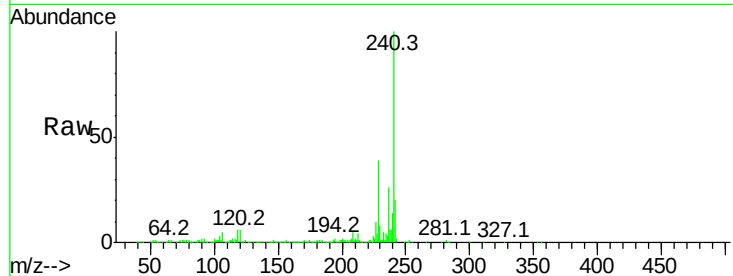
ClientSampleId :

PB111092BSD

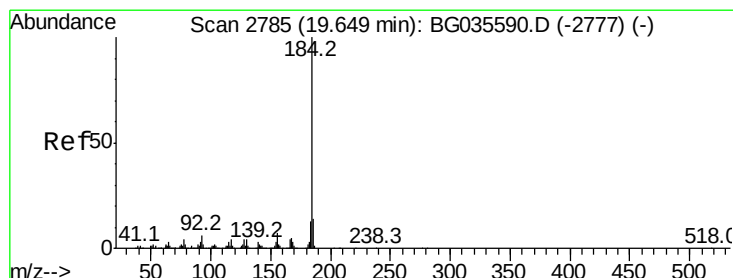
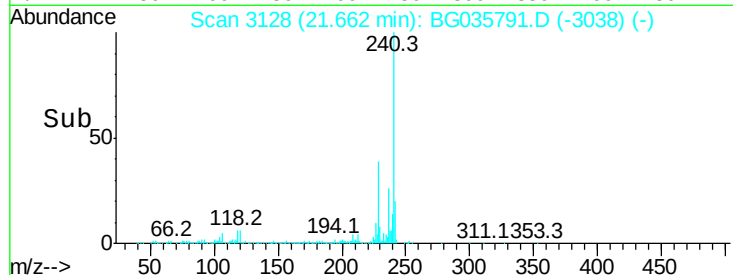
Tot Ion	Ratio	Resp Lower	Upper
240	100		
120	5.5	6.8	10.2#
236	25.8	20.9	31.3

Manual Integrations
APPROVED

Sohil



7/23/2018 2:19:04 PM



#76

Benzidine

Concen: 35.403 ng

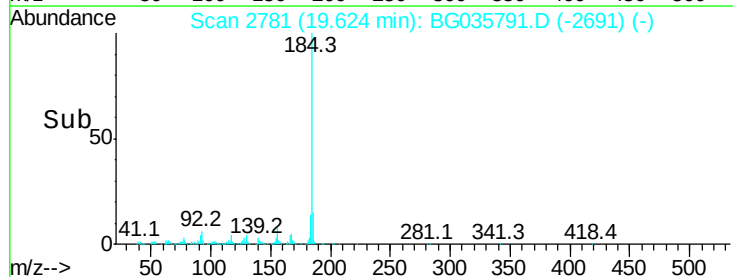
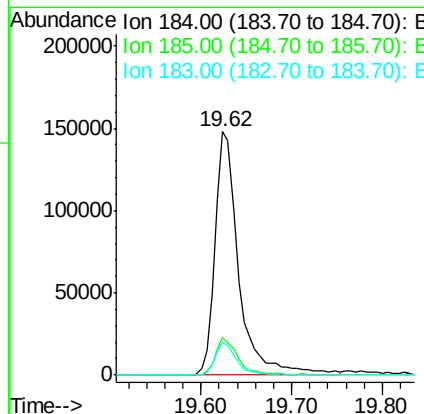
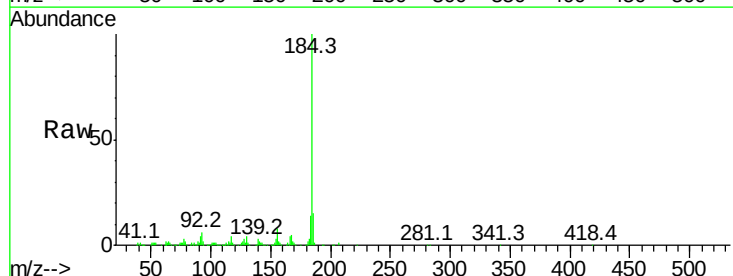
RT: 19.62 min Scan# 2781

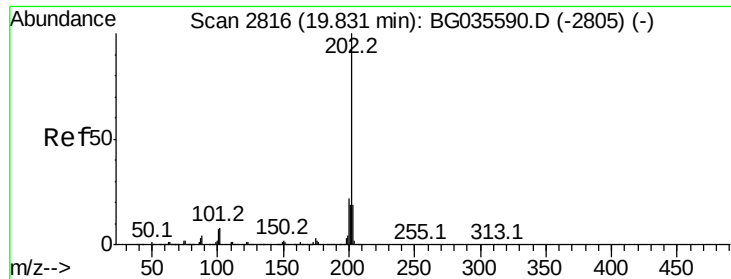
Delta R.T. -0.00 min

Lab File: BG035791.D

Acq: 20 Jul 2018 19:27

Tgt Ion	Ratio	Resp Lower	Upper
184	100		
185	15.4	11.1	16.7
183	13.5	10.6	16.0





#77

Pvrene

Concen: 44.435 ng

RT: 19.81 min Scan# 2812

Delta R.T. -0.00 min

Lab File: BG035791.D

Acq: 20 Jul 2018 19:27

Instrument :

BNA_G

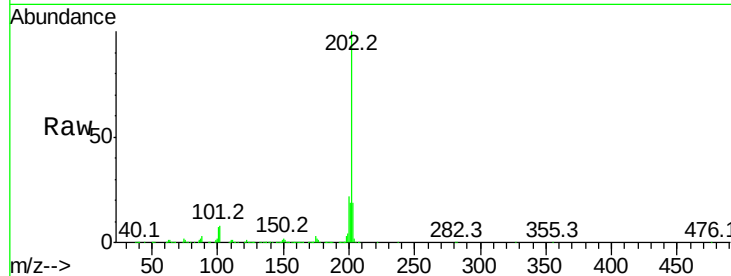
ClientSampleId :

PB111092BSD

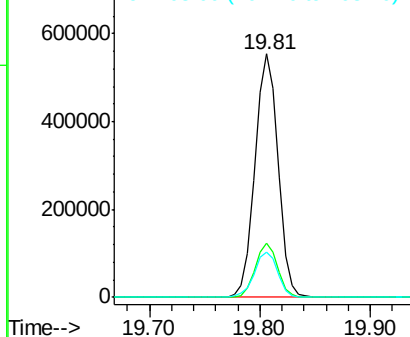
Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	22.0	16.9	25.3
203	18.5	13.9	20.9

Manual Integrations
APPROVED

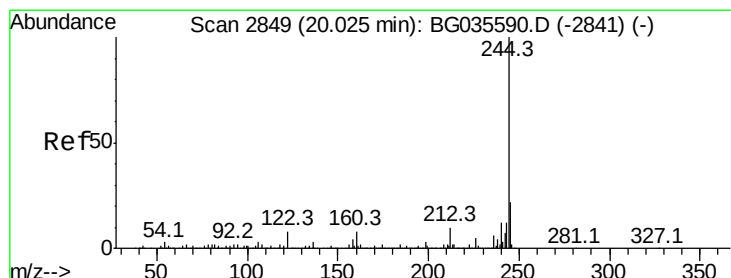
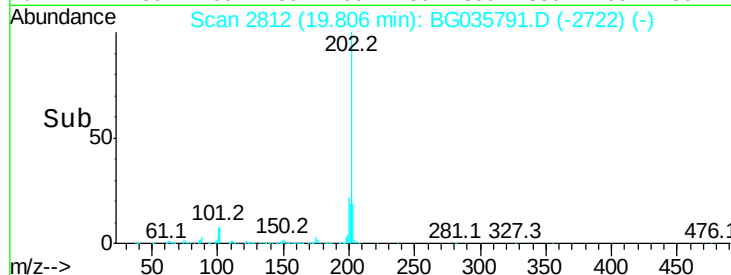
Sohil



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



7/23/2018 2:19:04 PM



#78

Terphenyl-d14

Concen: 98.875 ng

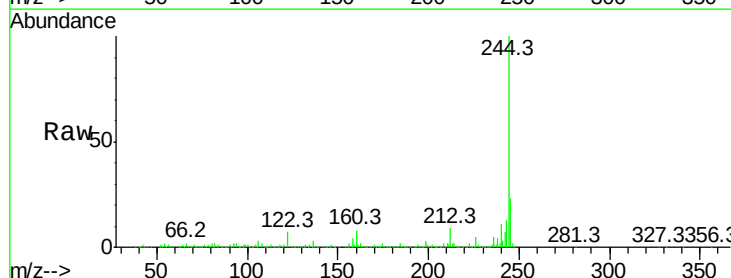
RT: 20.00 min Scan# 2845

Delta R.T. -0.00 min

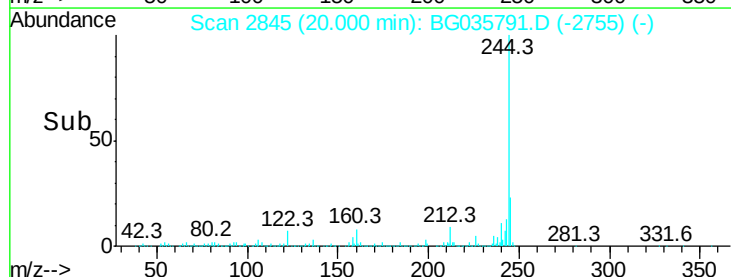
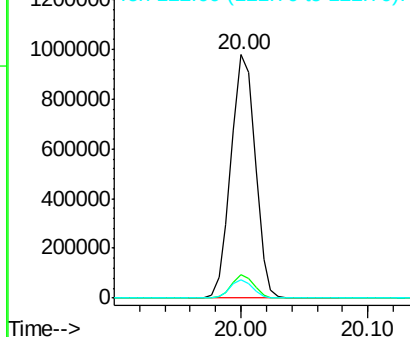
Lab File: BG035791.D

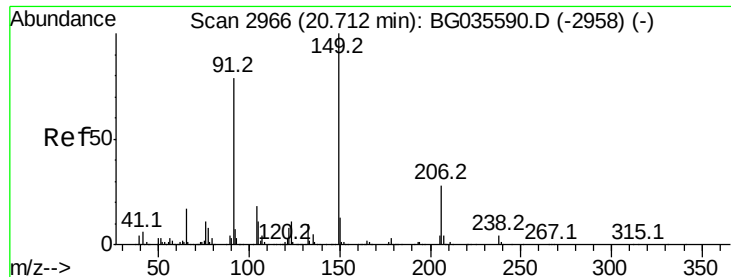
Acq: 20 Jul 2018 19:27

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	9.4	5.8	8.8#
122	7.4	7.0	10.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





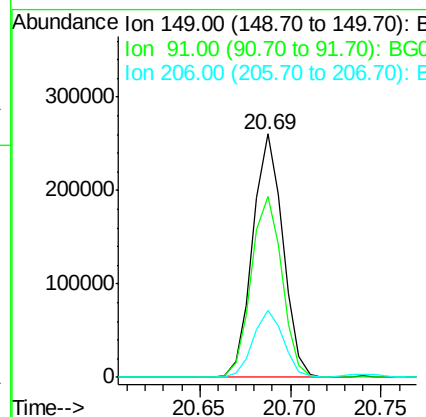
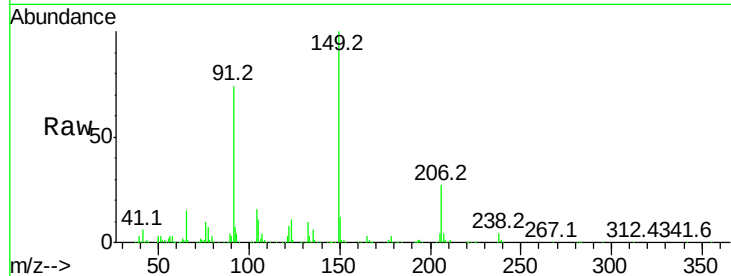
#79
Butylbenzylphthalate
Concen: 46.498 ng
RT: 20.69 min Scan# 2962
Delta R.T. -0.00 min
Lab File: BG035791.D
Acq: 20 Jul 2018 19:27

Instrument :
BNA_G
ClientSampleId :
PB111092BSD

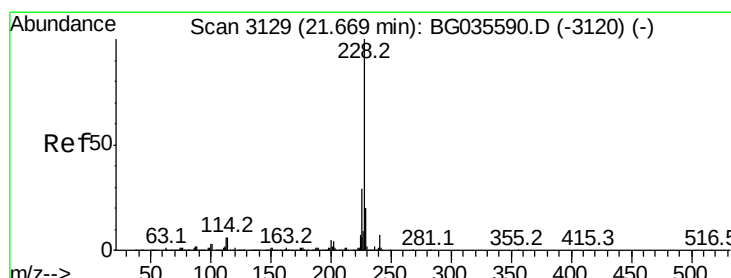
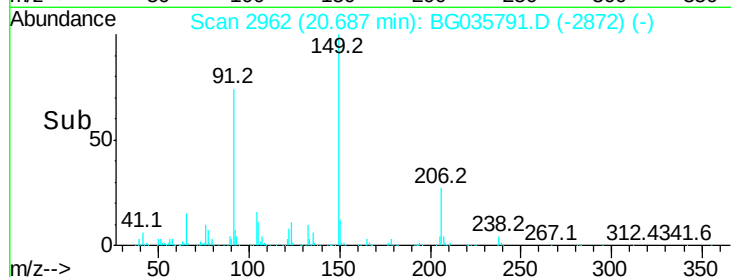
Tot Ion	Ratio	Lower	Upper
149	100		
91	74.4	62.2	93.2
206	27.4	18.6	27.8

Manual Integrations
APPROVED

Sohil

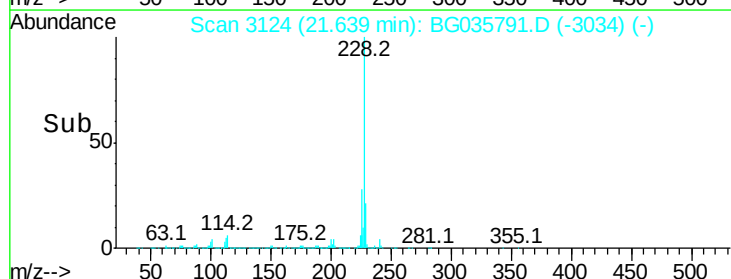
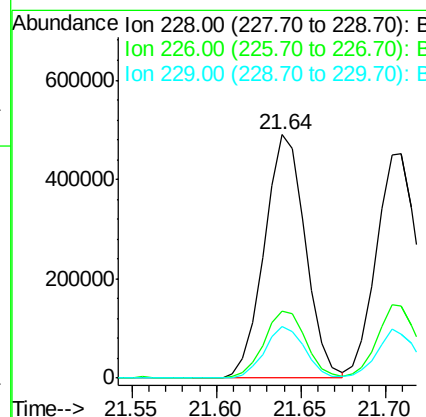
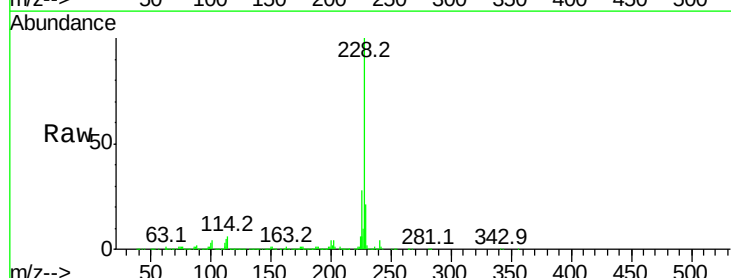


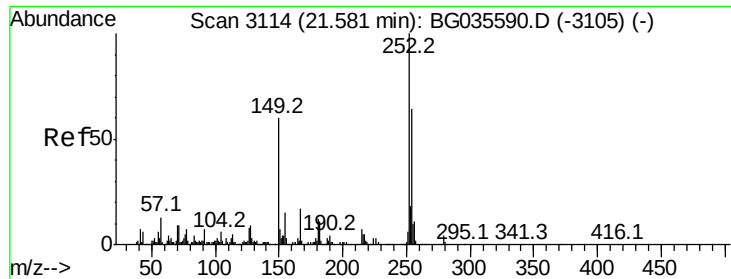
7/23/2018 2:19:04 PM



#80
Benzo(a)anthracene
Concen: 45.802 ng
RT: 21.64 min Scan# 3124
Delta R.T. -0.00 min
Lab File: BG035791.D
Acq: 20 Jul 2018 19:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.7	34.1
229	21.0	16.2	24.2





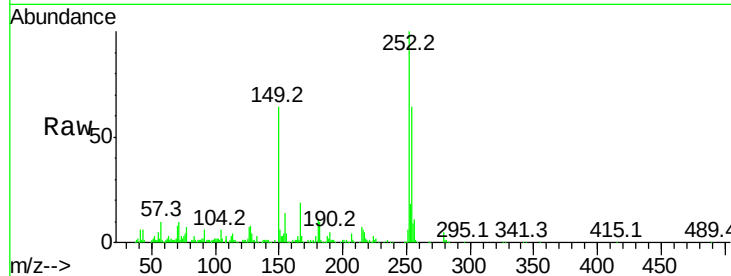
#81
 3,3'-Dichlorobenzidine
 Concen: 27.950 ng
 RT: 21.56 min Scan# 3110
 Delta R.T. -0.00 min
 Lab File: BG035791.D
 Acq: 20 Jul 2018 19:27

Instrument :
 BNA_G
 ClientSampleId :
 PB111092BSD

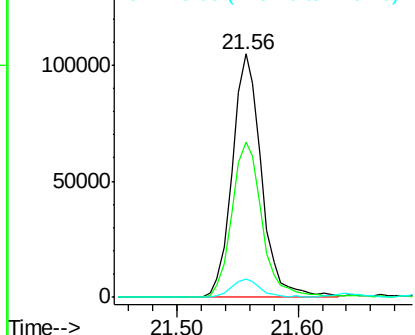
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.9	50.8	76.2
126	7.4	7.4	11.2#

Manual Integrations
 APPROVED

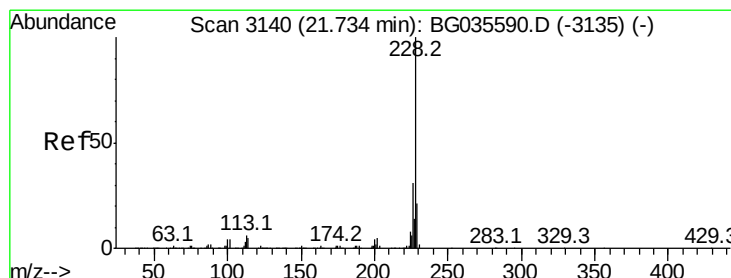
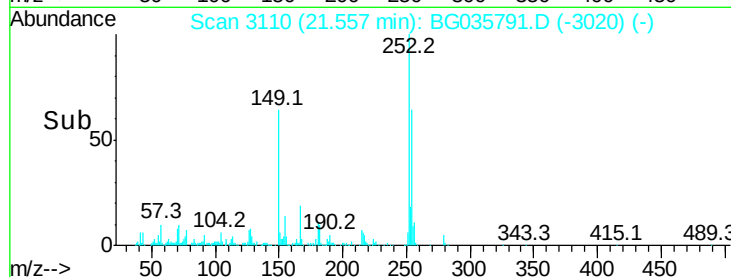
Sohil



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



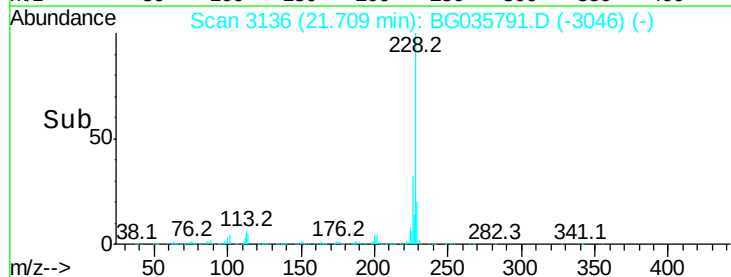
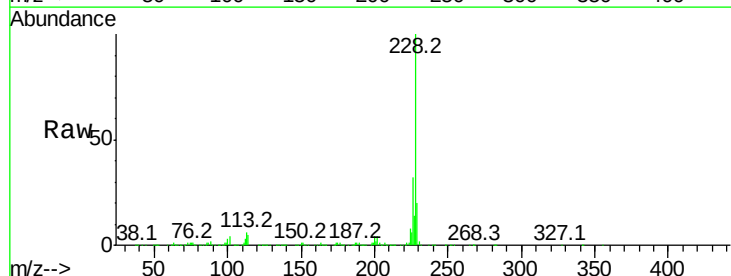
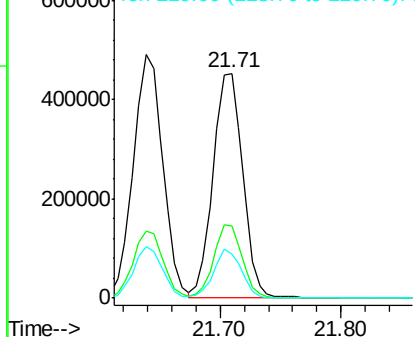
7/23/2018 2:19:04 PM

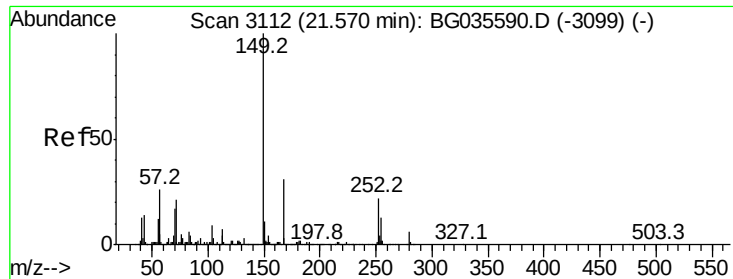


#82
 Chrysene
 Concen: 45.884 ng
 RT: 21.71 min Scan# 3136
 Delta R.T. -0.00 min
 Lab File: BG035791.D
 Acq: 20 Jul 2018 19:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.9	37.3
229	19.8	15.0	22.4

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





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.818 ng

RT: 21.54 min Scan# 3107

Delta R.T. -0.00 min

Lab File: BG035791.D

Acq: 20 Jul 2018 19:27

Instrument :

BNA_G

ClientSampleId :

PB111092BSD

Tot Ion:149 Resp: 425963

Ion Ratio Lower Upper

149 100

167 31.4 24.3 36.5

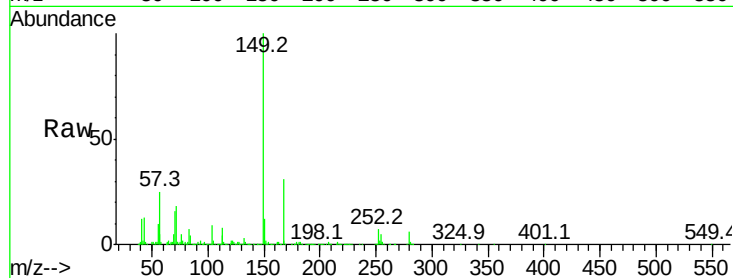
279 6.0 4.0 6.0

Manual Integrations
APPROVED

Sohil

7/23/2018

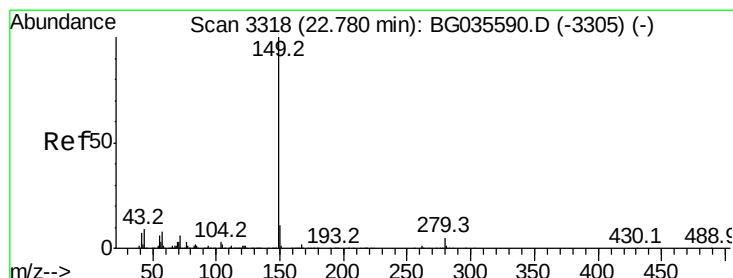
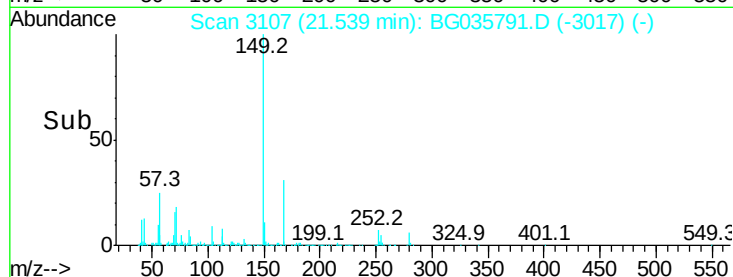
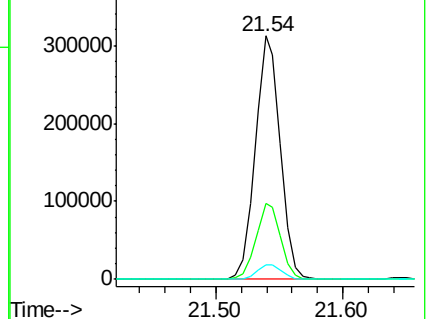
2:19:04 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 48.068 ng

RT: 22.74 min Scan# 3312

Delta R.T. -0.00 min

Lab File: BG035791.D

Acq: 20 Jul 2018 19:27

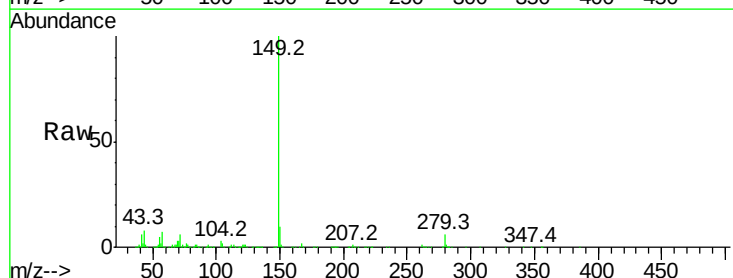
Tgt Ion:149 Resp: 716957

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

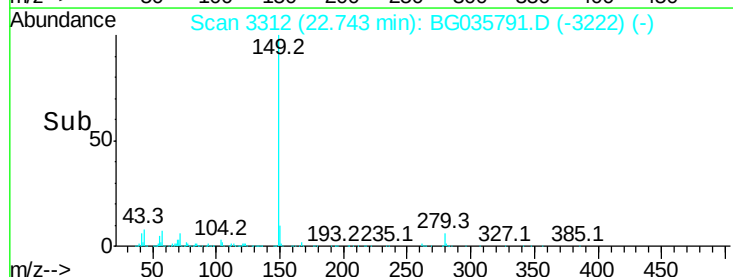
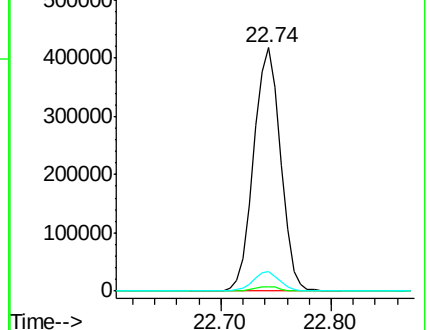
43 7.9 8.9 13.3#

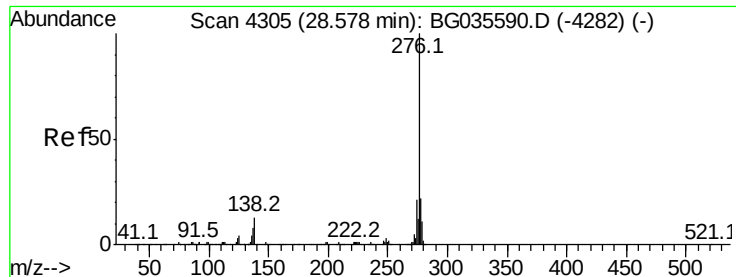


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG





#85

Indeno(1,2,3-cd)pyrene

Concen: 47.373 ng

RT: 28.51 min Scan# 4293

Delta R.T. -0.00 min

Lab File: BG035791.D

Acq: 20 Jul 2018 19:27

Instrument :

BNA_G

ClientSampleId :

PB111092BSD

Tot Ion:276 Resp: 877688

Ion Ratio Lower Upper

276 100

138 14.9 16.0 24.0#

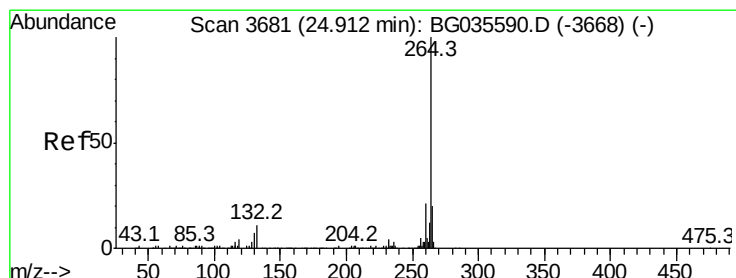
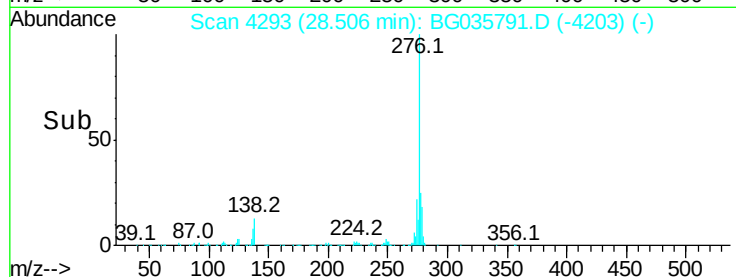
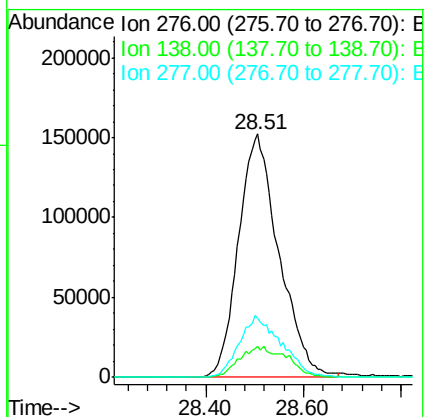
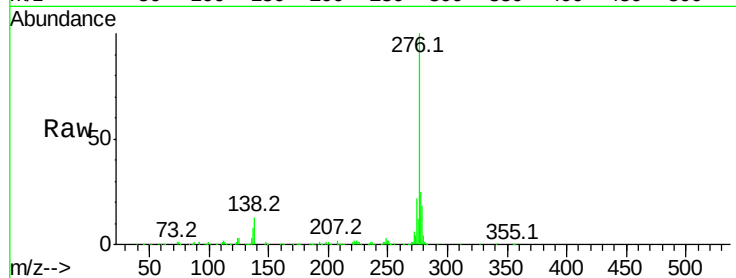
277 26.4 20.0 30.0

Manual Integrations
APPROVED

Sohil

7/23/2018

2:19:04 PM



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.86 min Scan# 3672

Delta R.T. -0.00 min

Lab File: BG035791.D

Acq: 20 Jul 2018 19:27

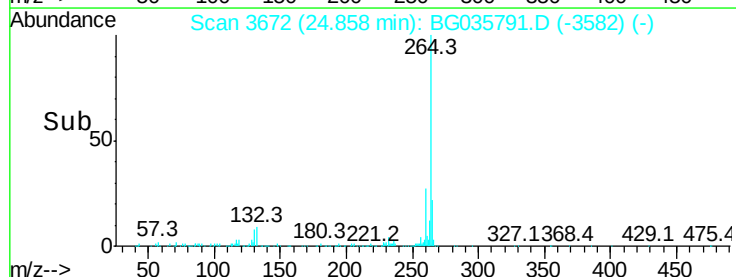
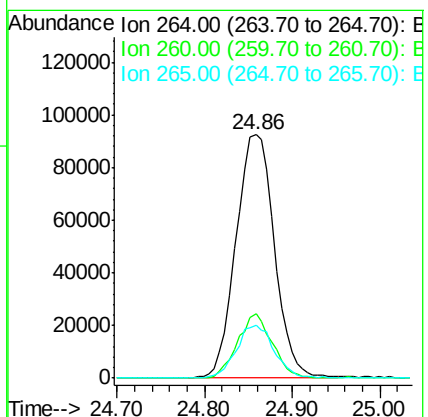
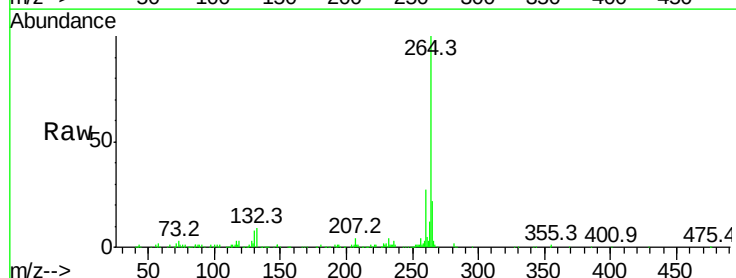
Tgt Ion:264 Resp: 275795

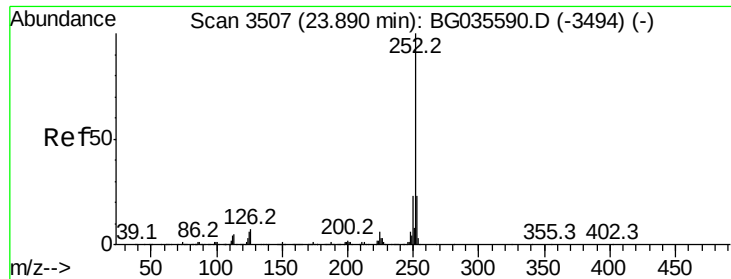
Ion Ratio Lower Upper

264 100

260 26.7 17.4 26.0#

265 21.7 17.7 26.5





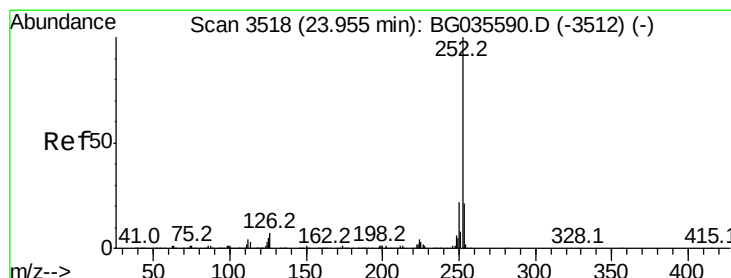
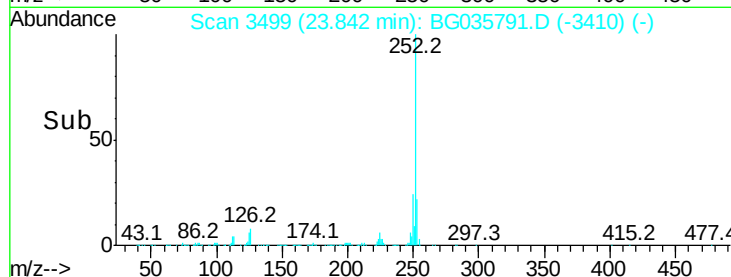
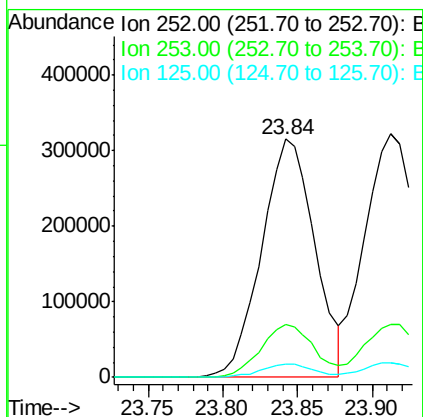
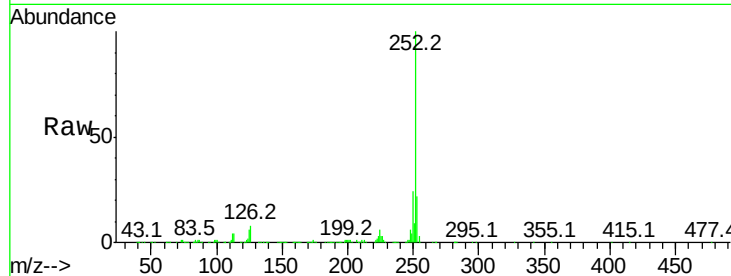
#87
Benzo(b)fluoranthene
Concen: 46.604 ng
RT: 23.84 min Scan# 3499
Delta R.T. -0.01 min
Lab File: BG035791.D
Acq: 20 Jul 2018 19:27

Instrument :
BNA_G
ClientSampleId :
PB111092BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.4
125	5.7	7.2	10.8

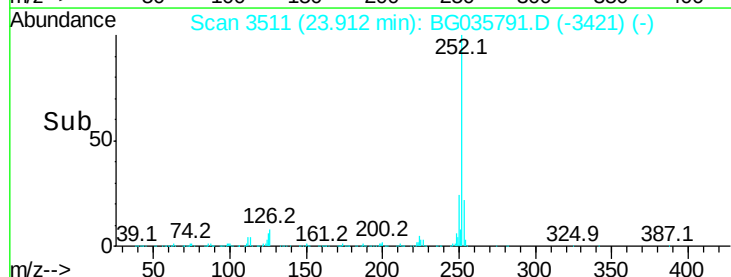
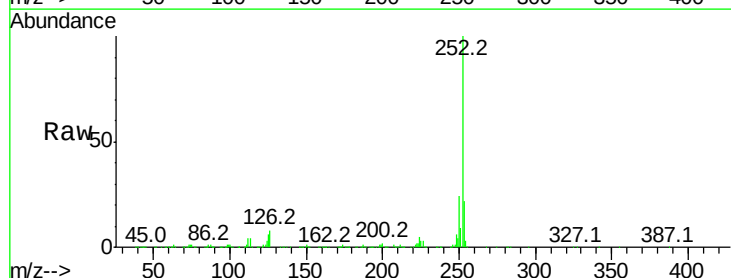
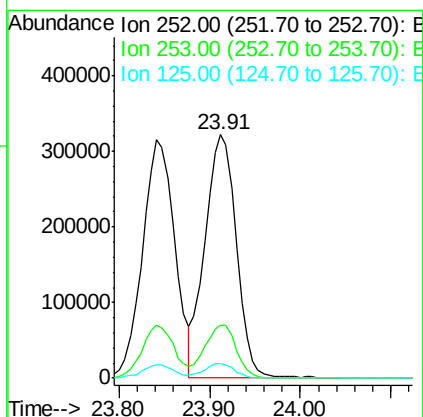
Manual Integrations
APPROVED

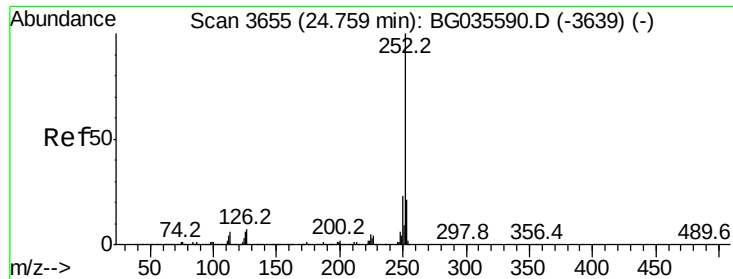
Sohil
7/23/2018
2:19:04 PM



#88
Benzo(k)fluoranthene
Concen: 47.009 ng
RT: 23.91 min Scan# 3511
Delta R.T. -0.00 min
Lab File: BG035791.D
Acq: 20 Jul 2018 19:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.2
125	5.8	6.6	9.8





#89

Benzo(a)pyrene

Concen: 48.916 ng

RT: 24.71 min Scan# 3647

Delta R.T. -0.00 min

Lab File: BG035791.D

Acq: 20 Jul 2018 19:27

Instrument :

BNA_G

ClientSampleId :

PB111092BSD

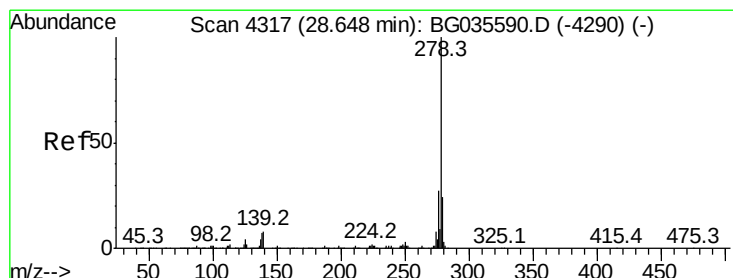
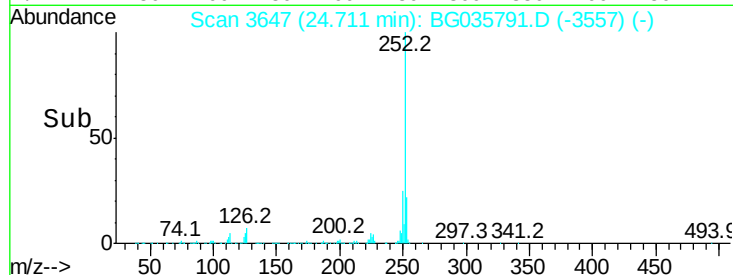
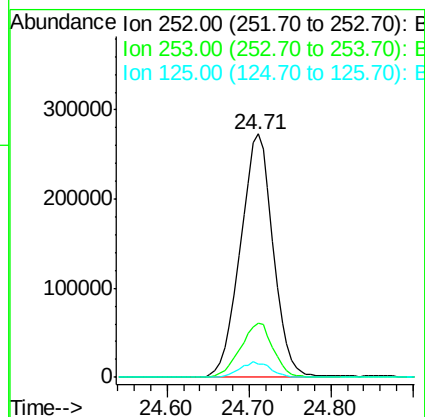
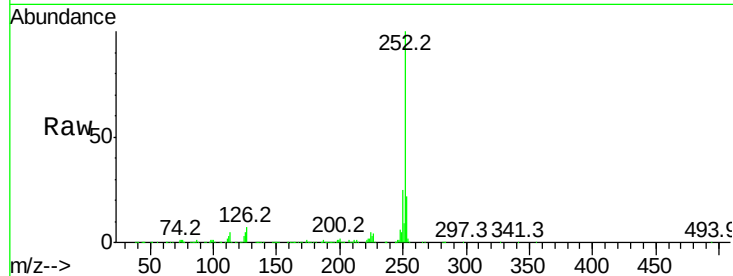
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.3	27.5
125	5.5	7.3	10.9#

Manual Integrations
APPROVED

Sohil

7/23/2018

2:19:04 PM



#90

Dibenzo(a,h)anthracene

Concen: 47.699 ng

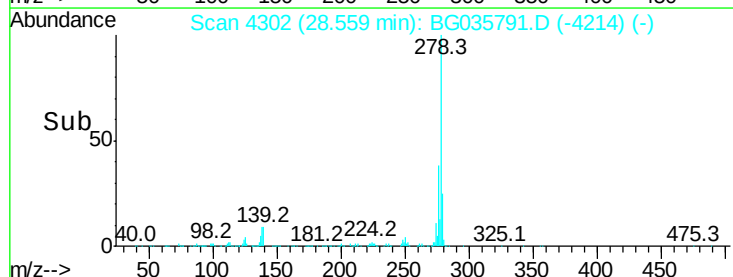
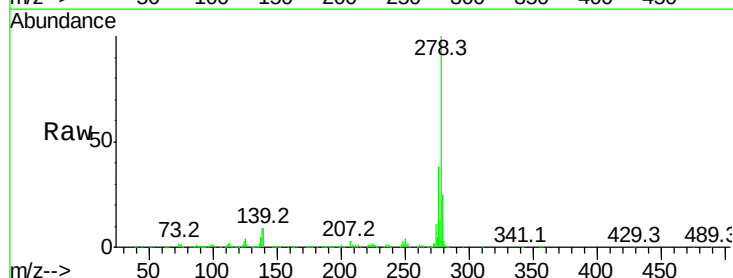
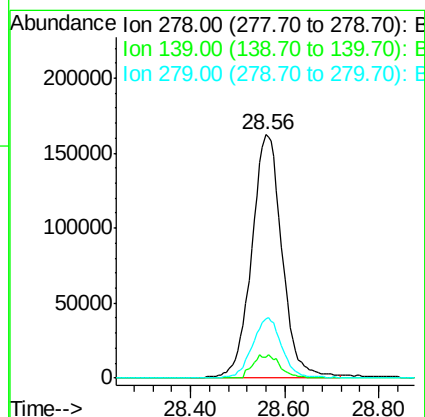
RT: 28.56 min Scan# 4302

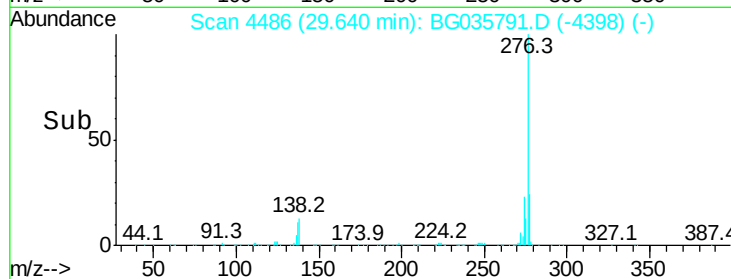
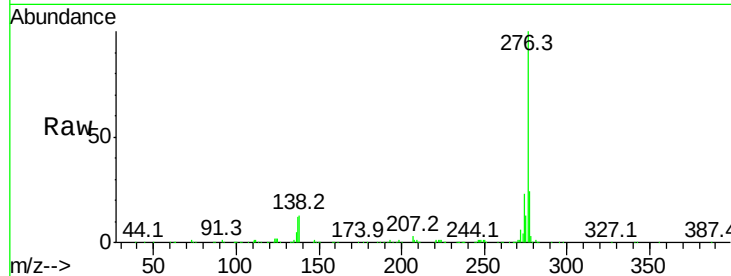
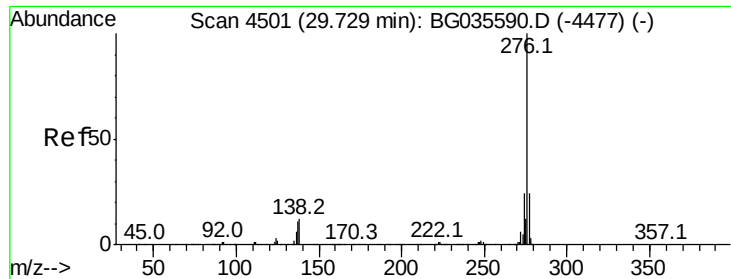
Delta R.T. -0.01 min

Lab File: BG035791.D

Acq: 20 Jul 2018 19:27

Tgt Ion	Ratio	Lower	Upper
278	100		
139	8.5	9.8	14.6#
279	24.5	18.4	27.6





#91

Benzo(a,h,i)perylene

Concen: 48.640 ng

RT: 29.64 min Scan# 4486

Delta R.T. -0.01 min

Lab File: BG035791.D

Acq: 20 Jul 2018 19:27

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	24.5	18.3	27.5
138	12.5	13.9	20.9

Instrument :

BNA_G

ClientSampleId :

PB111092BSD

Manual Integrations
APPROVED

Sohil

7/23/2018

2:19:04 PM

