

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121918\
 Data File : BG038747.D
 Acq On : 20 Dec 2018 4:19
 Operator : JU/SJ
 Sample : PB115763BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115763BS

Manual Integrations
 APPROVED

Sohil
 12/20/2018 1:06:51 PM

Quant Time: Dec 20 07:49:56 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	23452	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	94563	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	62722	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	163233	20.00	ng	0.00
76) Chrysene-d12	21.73	240	156588	20.00	ng	0.00
87) Perylene-d12	25.02	264	174935	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	168095	127.13	ng	0.00
7) Phenol-d6	7.21	99	222761	122.72	ng	0.00
23) Nitrobenzene-d5	9.23	82	117209	63.32	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	113761	131.60	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	304034	66.50	ng	0.00
79) Terphenyl-d14	20.04	244	578352	80.38	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	21229	34.497	ng	# 91
3) Pyridine	3.89	79	59007	34.827	ng	96
4) n-Nitrosodimethylamine	3.82	42	35460	42.714	ng	88
6) Aniline	7.38	93	73430	31.689	ng	98
8) 2-Chlorophenol	7.62	128	68594	44.829	ng	98
9) Benzaldehyde	7.20	77	22106	18.773	ng	96
10) Phenol	7.24	94	89572	46.448	ng	100
11) bis(2-Chloroethyl)ether	7.48	93	58447	38.067	ng	94
12) 1,3-Dichlorobenzene	7.94	146	73373	40.555	ng	97
13) 1,4-Dichlorobenzene	8.09	146	75367	40.674	ng	97
14) 1,2-Dichlorobenzene	8.41	146	72054	41.248	ng	96
15) Benzyl Alcohol	8.30	79	63016	44.477	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.58	45	124319	35.347	ng	96
17) 2-Methylphenol	8.50	107	60034	46.465	ng	100
18) Hexachloroethane	9.13	117	26479	39.107	ng	95
19) n-Nitroso-di-n-propylamine	8.86	70	47425	37.199	ng	97
20) 3+4-Methylphenols	8.82	107	81268	45.545	ng	96
22) Acetophenone	8.89	105	99285	42.035	ng	# 97
24) Nitrobenzene	9.28	77	76310	40.752	ng	97
25) Isophorone	9.79	82	138546	41.659	ng	99
26) 2-Nitrophenol	9.99	139	39939	41.672	ng	96
27) 2,4-Dimethylphenol	10.03	122	69643	50.703	ng	100
28) bis(2-Chloroethoxy)methane	10.27	93	79700	42.465	ng	96
29) 2,4-Dichlorophenol	10.52	162	75690	49.534	ng	96
30) 1,2,4-Trichlorobenzene	10.73	180	80598	43.667	ng	99
31) Naphthalene	10.93	128	211755	45.449	ng	98
32) Benzoic acid	10.19	122	33895m	40.788	ng	
33) 4-Chloroaniline	11.04	127	53244	26.322	ng	97
34) Hexachlorobutadiene	11.18	225	51586	41.305	ng	90
35) Caprolactam	11.83	113	25295	40.000	ng	# 87
36) 4-Chloro-3-methylphenol	12.15	107	77782	44.606	ng	98
37) 2-Methylnaphthalene	12.52	142	160569	48.307	ng	99
38) 1-Methylnaphthalene	12.74	142	152199	47.187	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	98144	41.861	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121918\
 Data File : BG038747.D
 Acq On : 20 Dec 2018 4:19
 Operator : JU/SJ
 Sample : PB115763BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115763BS

Manual Integrations
 APPROVED

Sohil
 12/20/2018 1:06:51 PM

Quant Time: Dec 20 07:49:56 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	116985	90.822	nq	92
43) 2,4,6-Trichlorophenol	13.13	196	67743	46.993	nq	97
44) 2,4,5-Trichlorophenol	13.21	196	72330	47.390	nq	97
46) 1,1'-Biphenyl	13.53	154	212716	40.455	nq	100
47) 2-Chloronaphthalene	13.58	162	172794	42.543	nq	97
48) 2-Nitroaniline	13.79	65	56055	43.328	nq	96
49) Acenaphthylene	14.42	152	282382	46.506	nq	99
50) Dimethylphthalate	14.15	163	222783	43.495	nq	99
51) 2,6-Dinitrotoluene	14.28	165	49697	42.814	nq	98
52) Acenaphthene	14.76	154	160598	44.232	nq	99
53) 3-Nitroaniline	14.62	138	39187	33.118	nq	89
54) 2,4-Dinitrophenol	14.82	184	49037	71.584	nq	98
55) Dibenzofuran	15.09	168	271126	43.563	nq	96
56) 4-Nitrophenol	14.92	139	75027	83.582	nq	95
57) 2,4-Dinitrotoluene	15.06	165	72249	44.192	nq	96
58) Fluorene	15.74	166	223022	48.366	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.32	232	68675	50.011	nq	96
60) Diethylphthalate	15.50	149	228414	40.622	nq	99
61) 4-Chlorophenyl-phenylether	15.73	204	124631	43.320	nq	99
62) 4-Nitroaniline	15.78	138	55398	45.476	nq	97
63) Azobenzene	16.02	77	196423	41.816	nq	95
65) 4,6-Dinitro-2-methylphenol	15.83	198	44414	38.142	nq	92
66) n-Nitrosodiphenylamine	15.95	169	202521	42.226	nq	98
67) 4-Bromophenyl-phenylether	16.63	248	83995	42.134	nq	97
68) Hexachlorobenzene	16.74	284	87955	42.562	nq	99
69) Atrazine	16.89	200	84389	47.412	nq	97
70) Pentachlorophenol	17.09	266	90008	73.637	nq	99
71) Phenanthrene	17.48	178	381169	45.030	nq	99
72) Anthracene	17.58	178	389867	46.655	nq	99
73) Carbazole	17.85	167	340577	41.210	nq	98
74) Di-n-butylphthalate	18.38	149	390877	41.219	nq	99
75) Fluoranthene	19.49	202	450716	43.035	nq	97
77) Benzidine	19.67	184	209501	45.239	nq	99
78) Pyrene	19.86	202	439058	42.443	nq	99
80) Butylbenzylphthalate	20.72	149	155519	38.480	nq	98
81) Benzo(a)anthracene	21.70	228	439424	46.053	nq	100
82) 3,3'-Dichlorobenzidine	21.62	252	116961	30.907	nq	96
83) Chrysene	21.77	228	409159	44.520	nq	100
84) Bis(2-ethylhexyl)phthalate	21.57	149	228559	39.874	nq	98
85) Di-n-octyl phthalate	22.79	149	409632	42.672	nq	100
86) Indeno(1,2,3-cd)pyrene	28.80	276	516498	47.802	nq	# 73
88) Benzo(b)fluoranthene	23.96	252	452337	47.096	nq	99
89) Benzo(k)fluoranthene	24.03	252	429608	44.918	nq	96
90) Benzo(a)pyrene	24.87	252	437650	47.232	nq	99
91) Dibenzo(a,h)anthracene	28.86	278	427082	46.292	nq	99
92) Benzo(g,h,i)perylene	30.00	276	424554	46.695	nq	98

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



#1

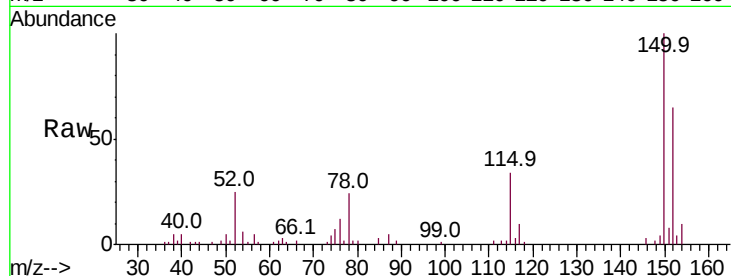
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038747.D
Acq: 20 Dec 2018 4:19

Instrument :
BNA_G
ClientSampleId :
PB115763BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	119.5	179.3
115	52.7	49.6	74.4

Manual Integrations
APPROVED

Sohil
12/20/2018 1:06:51 PM

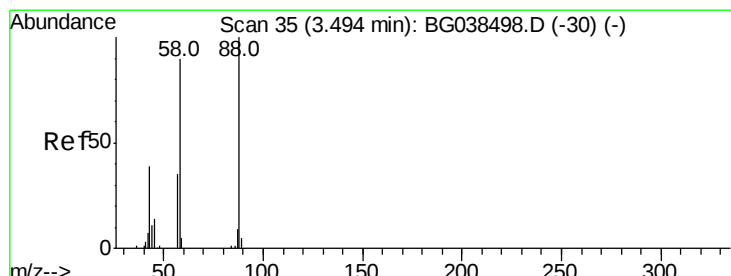
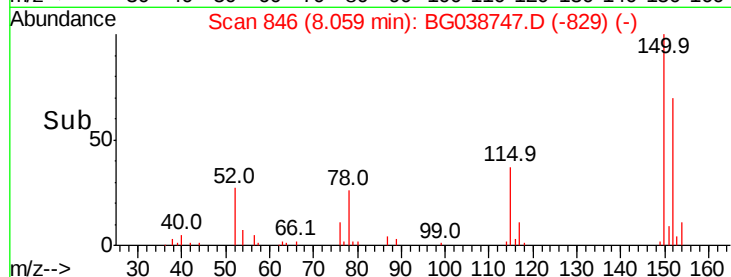
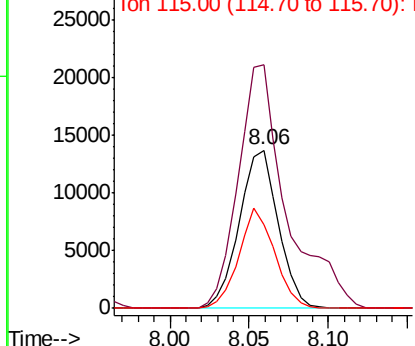


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

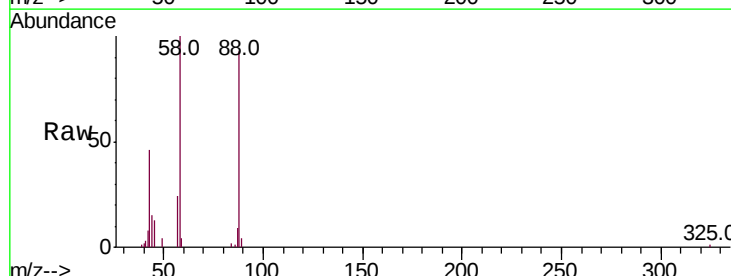
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 34.497 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.01 min
Lab File: BG038747.D
Acq: 20 Dec 2018 4:19

Tgt Ion	Ratio	Lower	Upper
88	100		
58	96.8	75.7	113.5
43	54.4	31.6	47.4

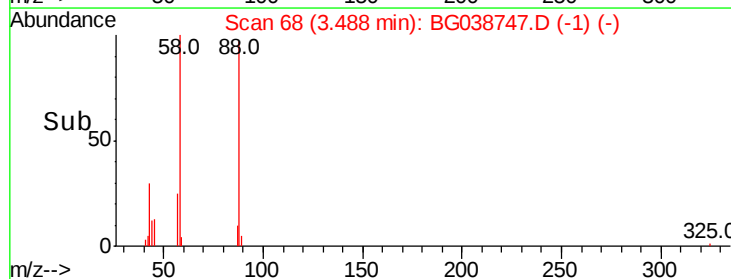
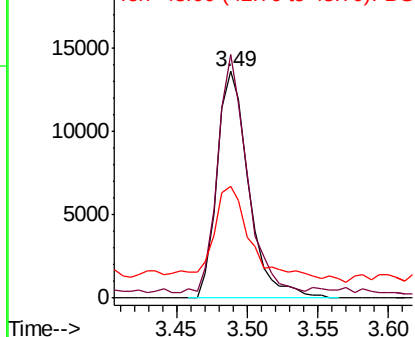


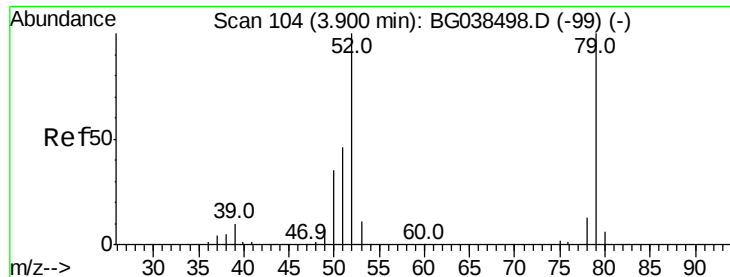
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 34.827 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.01 min

Lab File: BG038747.D

Acq: 20 Dec 2018 4:19

Instrument :

BNA_G

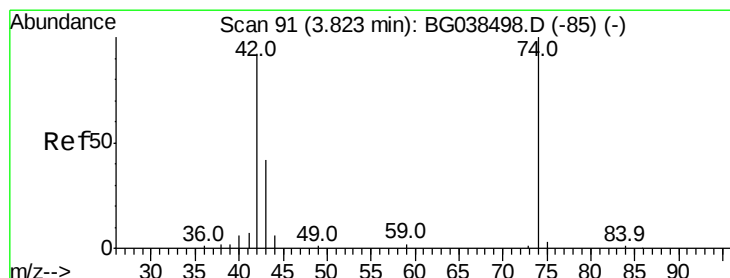
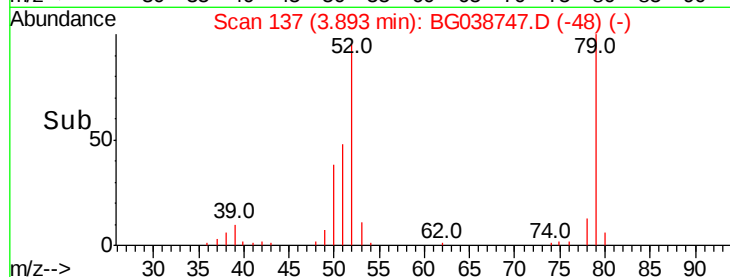
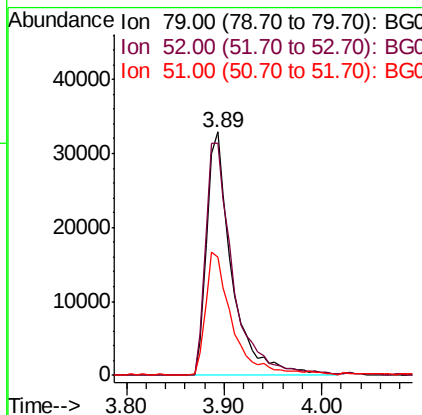
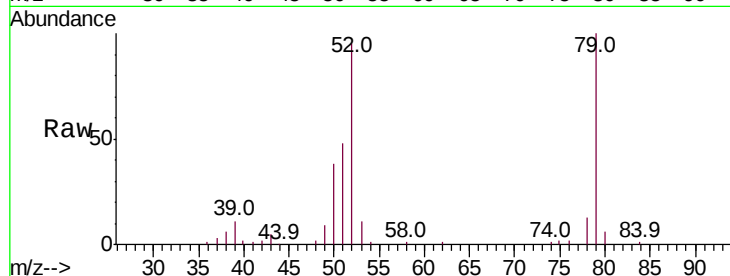
ClientSampleId :

PB115763BS

Tot Ion:	79	Resp:	59007
Ion	Ratio	Lower	Upper
79	100		
52	95.2	80.2	120.2
51	48.4	38.0	57.0

Manual Integrations
APPROVED

Sohil
12/20/2018 1:06:51 PM



#4

n-Nitrosodimethylamine

Concen: 42.714 ng

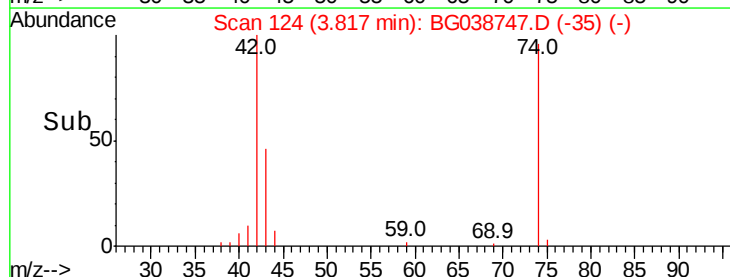
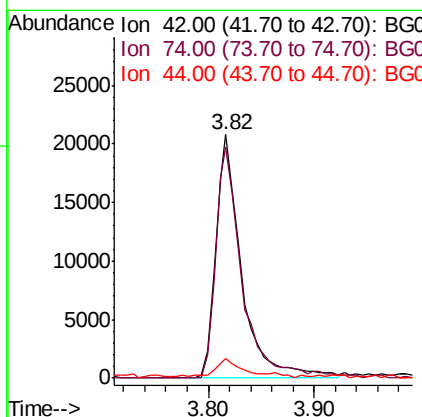
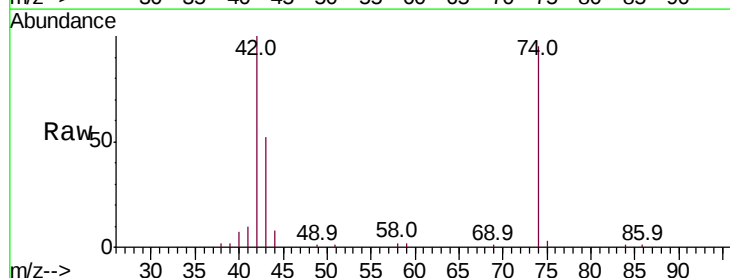
RT: 3.82 min Scan# 124

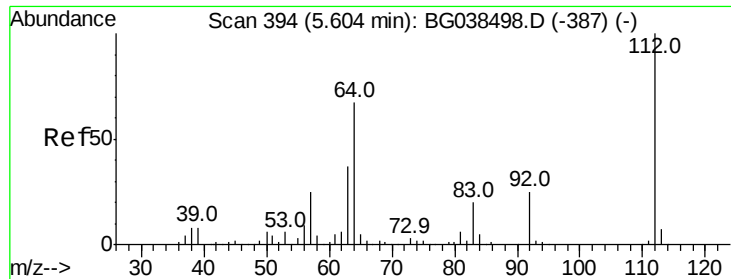
Delta R.T. -0.01 min

Lab File: BG038747.D

Acq: 20 Dec 2018 4:19

Tgt Ion:	42	Resp:	35460
Ion	Ratio	Lower	Upper
42	100		
74	95.0	86.7	130.1
44	7.9	7.8	11.8





#5

2-Fluorophenol

Concen: 127.129 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.01 min

Lab File: BG038747.D

Acq: 20 Dec 2018 4:19

Instrument :

BNA_G

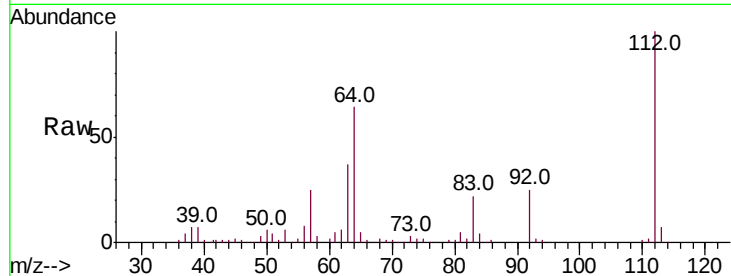
ClientSampled :

PB115763BS

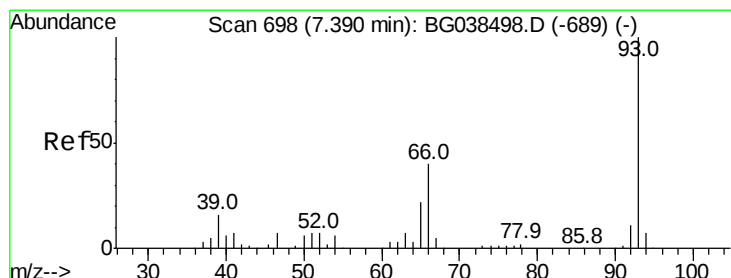
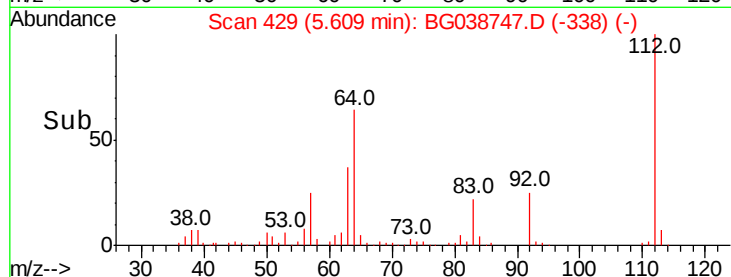
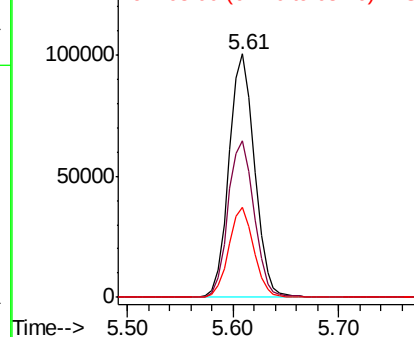
Tot Ion:	112	Resp:	168095
Ion Ratio	Lower	Upper	
112	100		
64	64.2	53.4	80.2
63	36.9	29.3	43.9

Manual Integrations
APPROVED

Sohil
12/20/2018 1:06:51 PM



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 31.689 ng

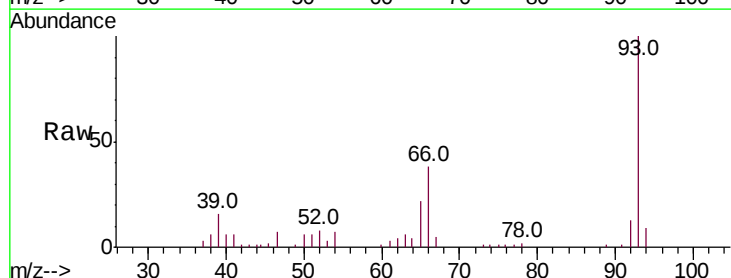
RT: 7.38 min Scan# 731

Delta R.T. -0.01 min

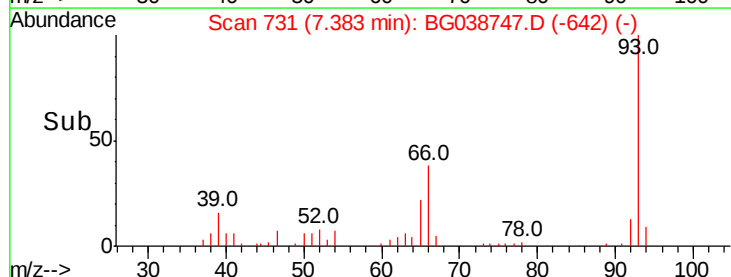
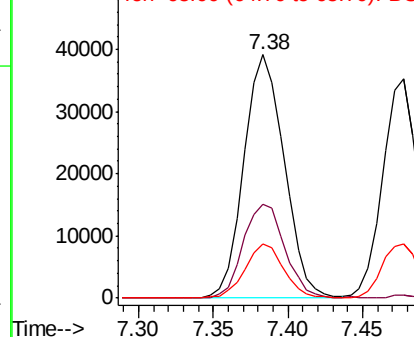
Lab File: BG038747.D

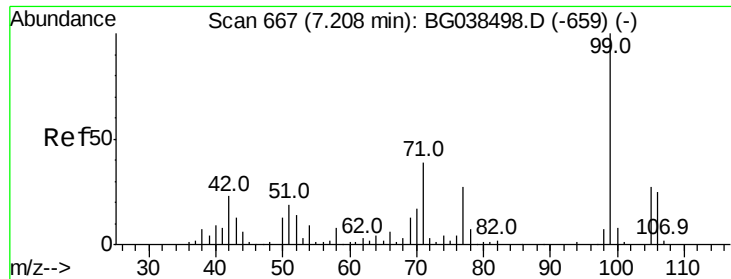
Acq: 20 Dec 2018 4:19

Tgt Ion:	93	Resp:	73430
Ion Ratio	Lower	Upper	
93	100		
66	38.3	31.7	47.5
65	22.5	17.8	26.6



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 122.721 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG038747.D

Acq: 20 Dec 2018 4:19

Instrument :

BNA_G

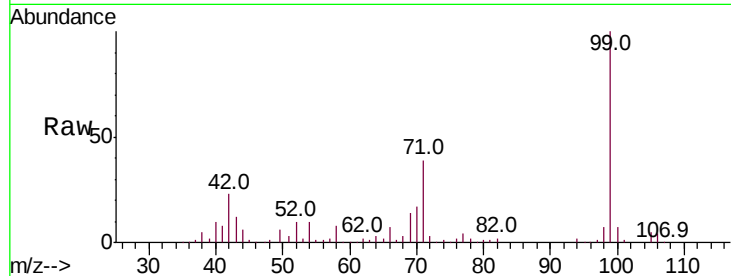
ClientSampleId :

PB115763BS

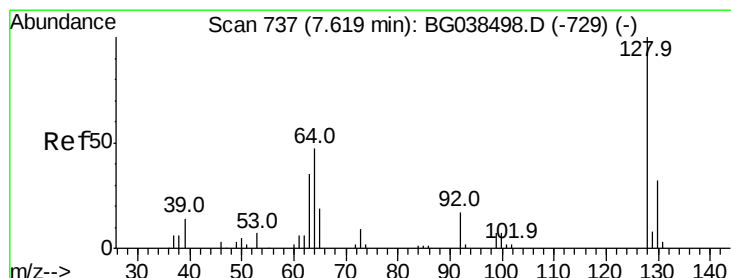
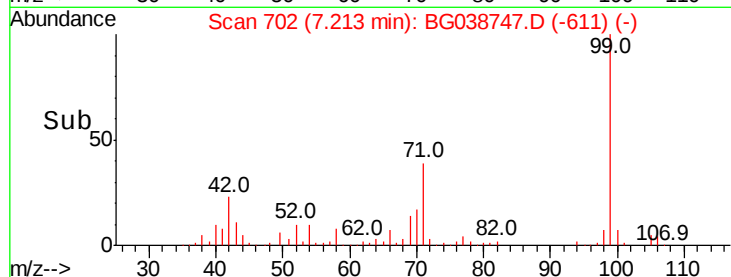
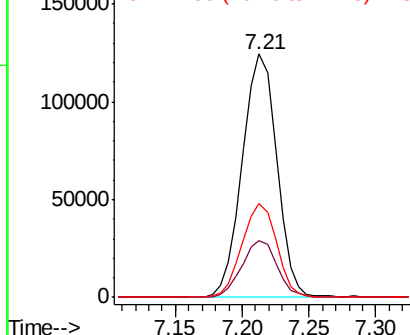
Tot Ion:	99	Resp:	222761
Ion Ratio	Lower	Upper	
99	100		
42	23.4	18.5	27.7
71	38.7	31.1	46.7

Manual Integrations
APPROVED

Sohil
12/20/2018 1:06:51 PM



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 44.829 ng

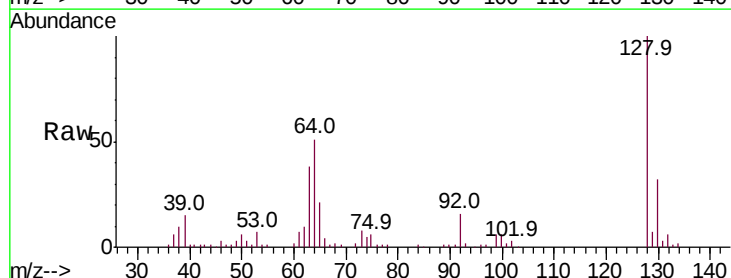
RT: 7.62 min Scan# 771

Delta R.T. -0.00 min

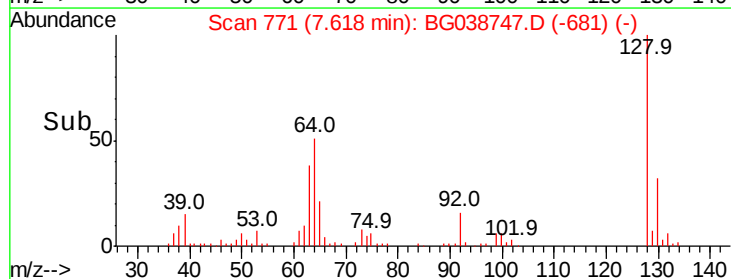
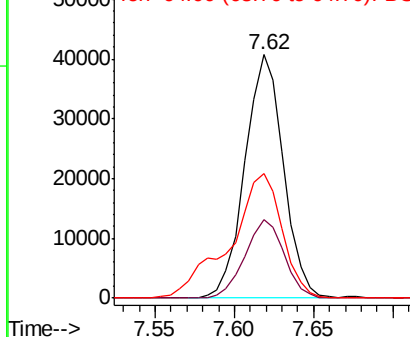
Lab File: BG038747.D

Acq: 20 Dec 2018 4:19

Tgt Ion:	128	Resp:	68594
Ion Ratio	Lower	Upper	
128	100		
130	32.3	11.8	51.8
64	51.0	33.2	73.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 18.773 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG038747.D

Acq: 20 Dec 2018 4:19

Instrument :

BNA_G

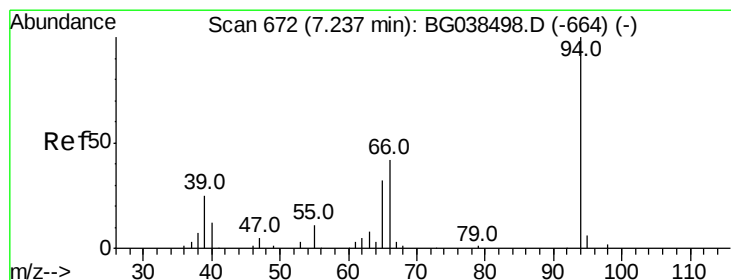
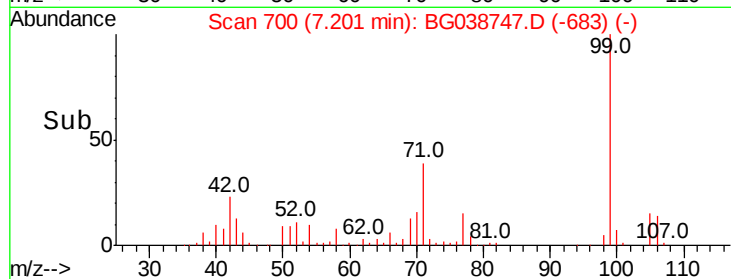
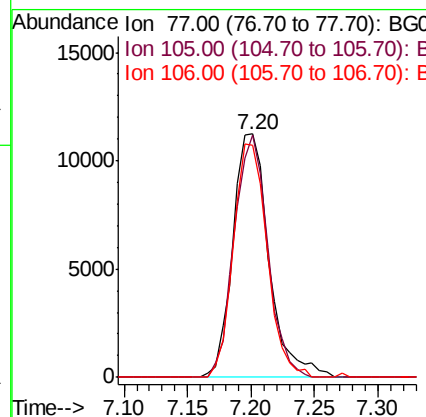
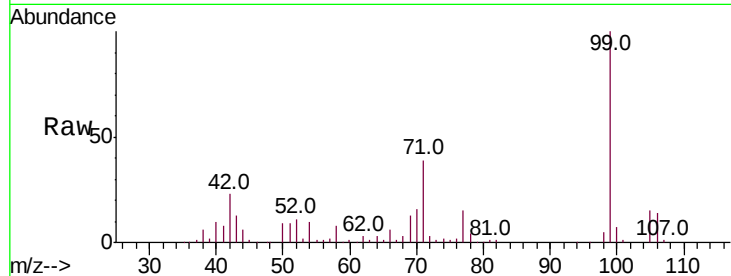
ClientSampleId :

PB115763BS

Tot Ion:	77	Resp:	22106
Ion Ratio	Lower	Upper	
77	100		
105	99.3	74.0	114.0
106	95.4	73.9	113.9

Manual Integrations
APPROVED

Sohil
12/20/2018 1:06:51 PM



#10

Phenol

Concen: 46.448 ng

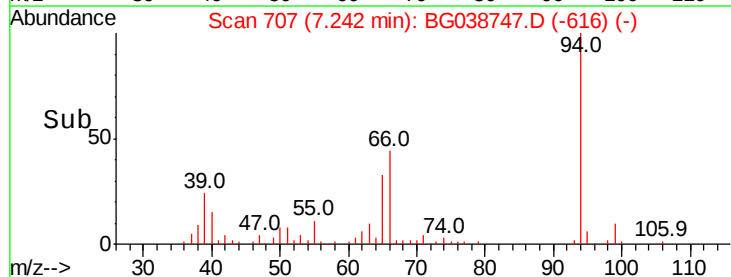
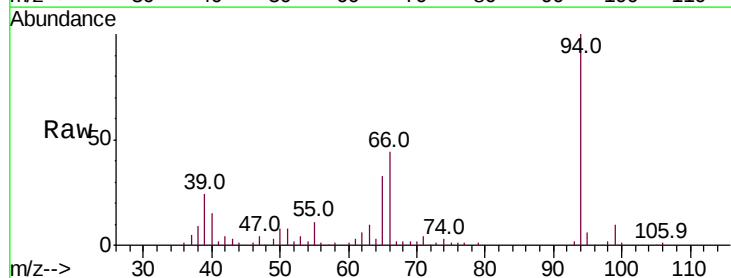
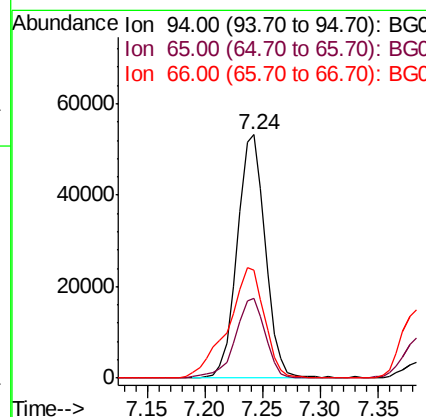
RT: 7.24 min Scan# 707

Delta R.T. 0.01 min

Lab File: BG038747.D

Acq: 20 Dec 2018 4:19

Tgt Ion:	94	Resp:	89572
Ion Ratio	Lower	Upper	
94	100		
65	32.7	12.6	52.6
66	44.1	24.1	64.1





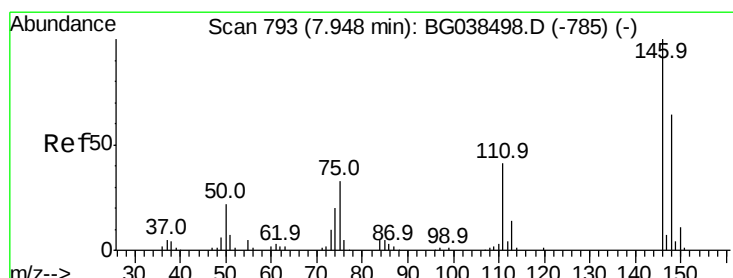
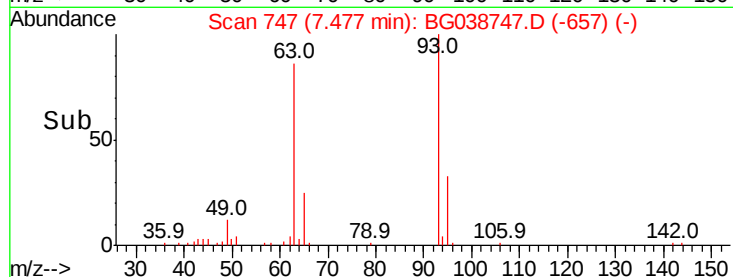
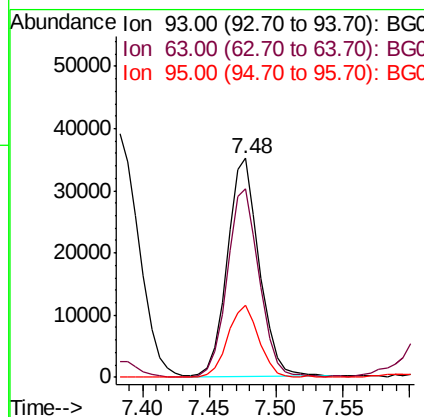
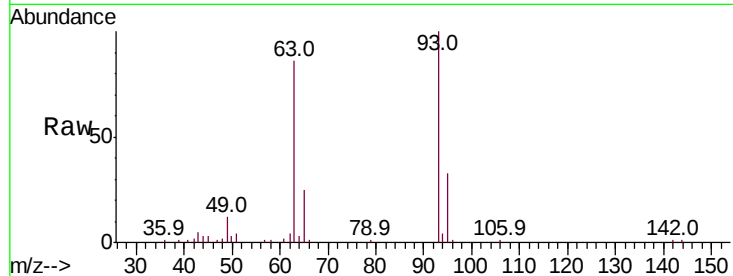
#11
bis(2-Chloroethyl)ether
Concen: 38.067 ng
RT: 7.48 min Scan# 747
Delta R.T. -0.00 min
Lab File: BG038747.D
Acq: 20 Dec 2018 4:19

Instrument :
BNA_G
ClientSampleId :
PB115763BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	86.1	72.2	112.2
95	33.0	11.2	51.2

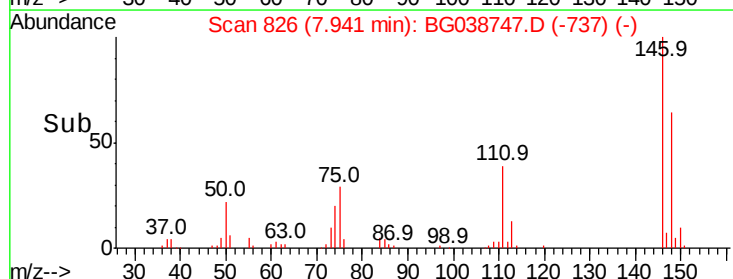
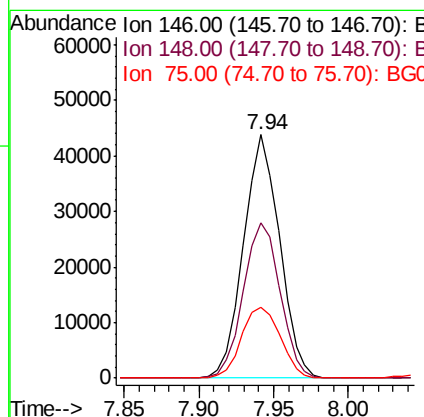
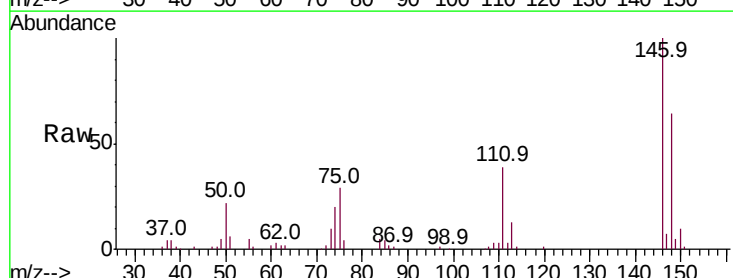
Manual Integrations
APPROVED

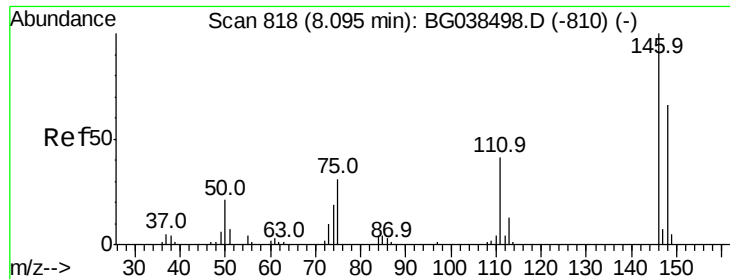
Sohil
12/20/2018 1:06:51 PM



#12
1,3-Dichlorobenzene
Concen: 40.555 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG038747.D
Acq: 20 Dec 2018 4:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.4	77.0
75	28.9	26.1	39.1





#13

1,4-Dichlorobenzene

Concen: 40.674 ng

RT: 8.09 min Scan# 852

Delta R.T. -0.00 min

Lab File: BG038747.D

Acq: 20 Dec 2018 4:19

Instrument :

BNA_G

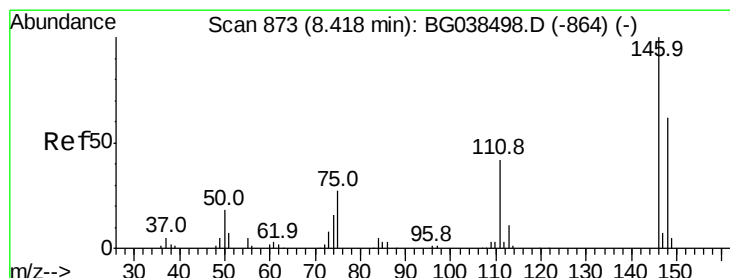
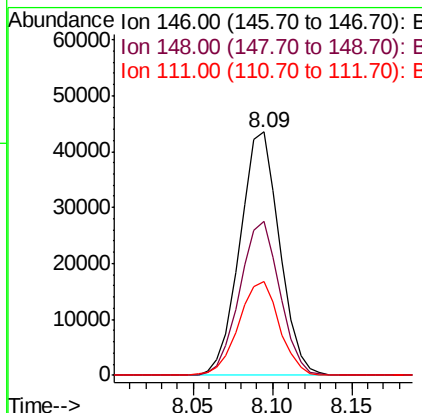
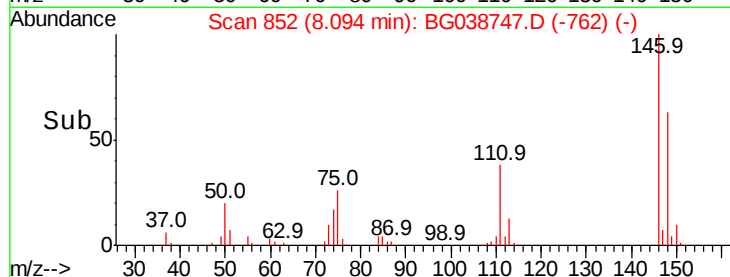
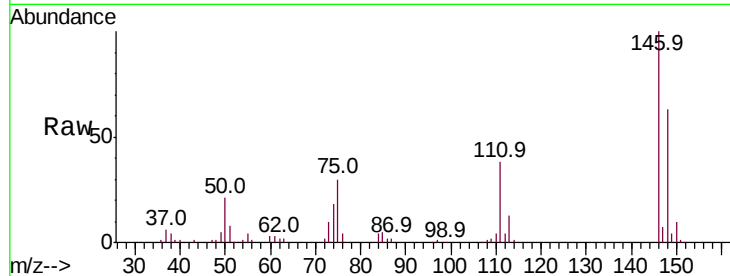
ClientSampleId :

PB115763BS

Tot Ion:	146	Resp:	75367
Ion Ratio	Lower	Upper	
146	100		
148	63.5	52.4	78.6
111	38.5	33.0	49.4

Manual Integrations
APPROVED

Sohil
12/20/2018 1:06:51 PM



#14

1,2-Dichlorobenzene

Concen: 41.248 ng

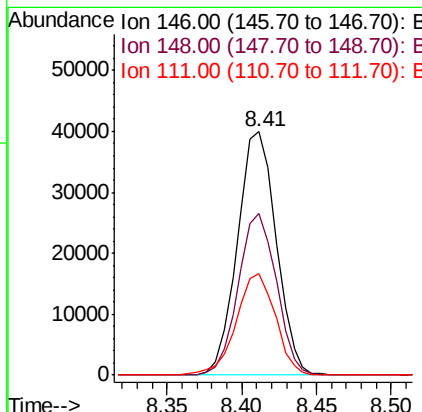
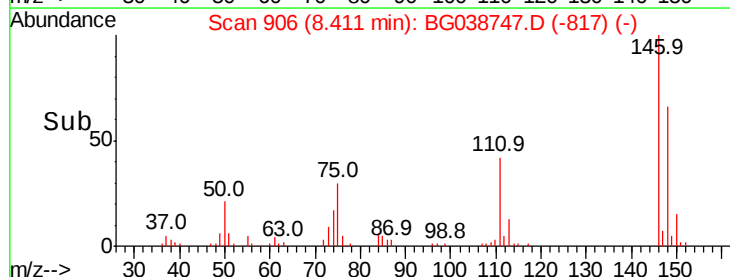
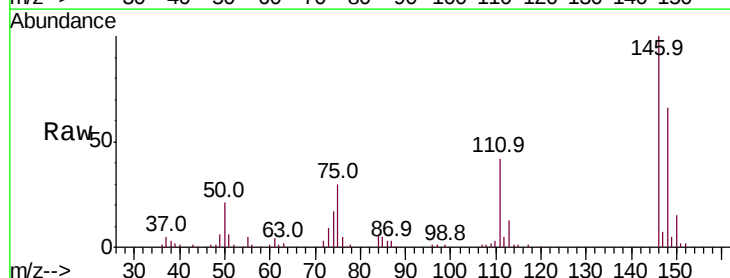
RT: 8.41 min Scan# 906

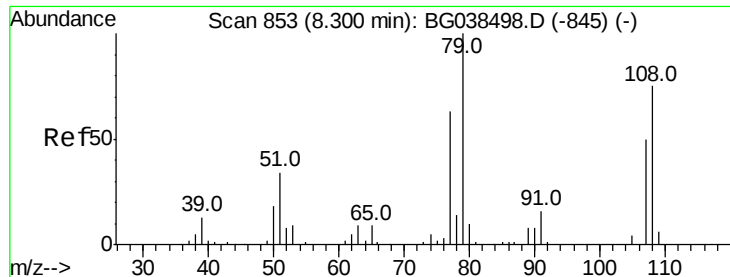
Delta R.T. -0.01 min

Lab File: BG038747.D

Acq: 20 Dec 2018 4:19

Tgt Ion:	146	Resp:	72054
Ion Ratio	Lower	Upper	
146	100		
148	66.2	49.4	74.0
111	41.8	33.8	50.6





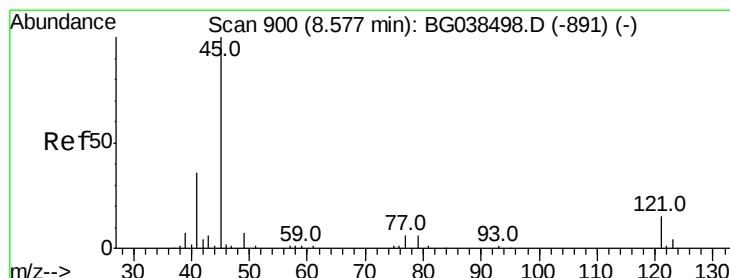
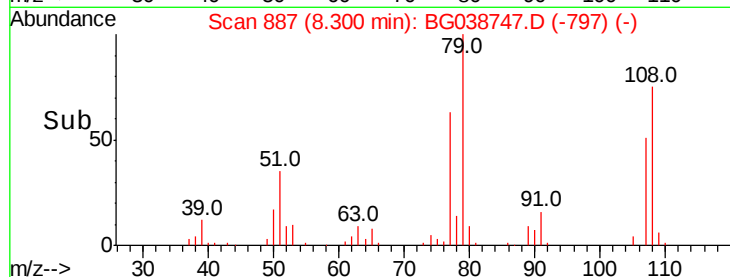
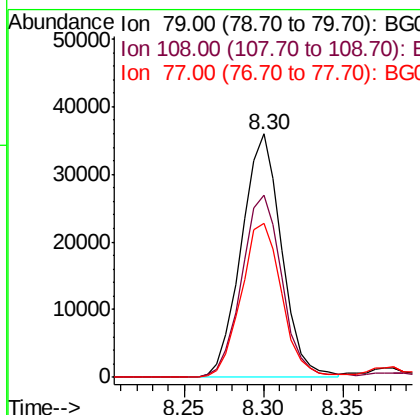
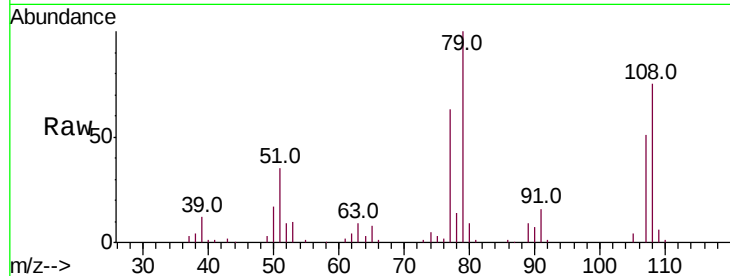
#15
Benzyl Alcohol
Concen: 44.477 ng
RT: 8.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BG038747.D
Acq: 20 Dec 2018 4:19

Instrument :
BNA_G
ClientSampleID :
PB115763BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	74.7	60.2	90.4
77	63.3	50.7	76.1

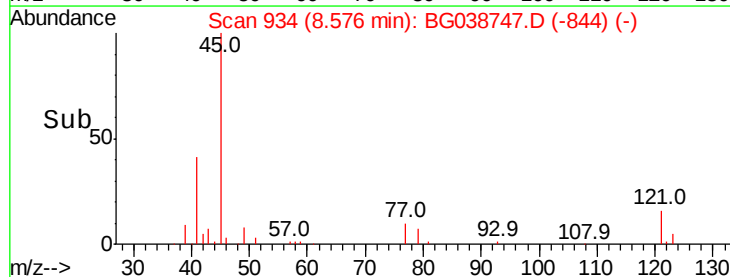
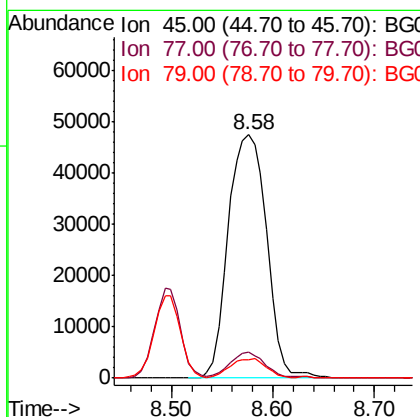
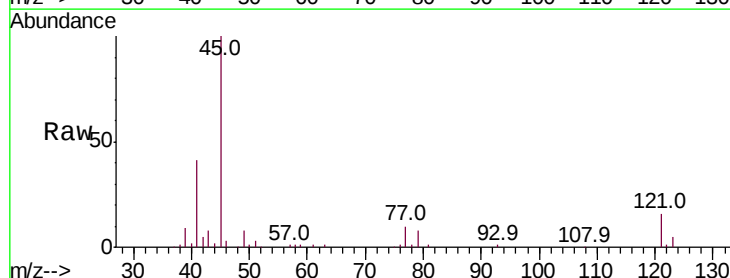
Manual Integrations
APPROVED

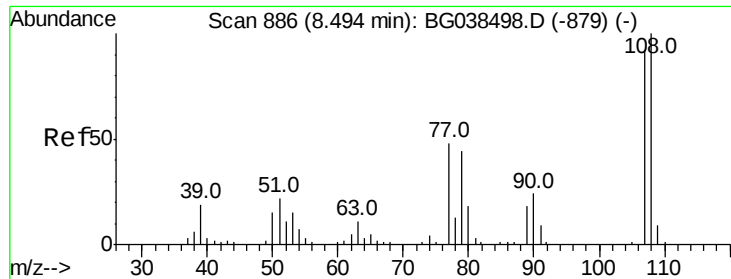
Sohil
12/20/2018 1:06:51 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 35.347 ng
RT: 8.58 min Scan# 934
Delta R.T. -0.00 min
Lab File: BG038747.D
Acq: 20 Dec 2018 4:19

Tgt Ion	Ratio	Lower	Upper
45	100		
77	10.5	0.0	28.2
79	7.6	0.0	27.2





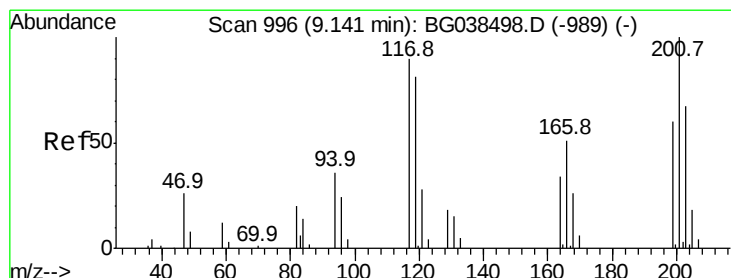
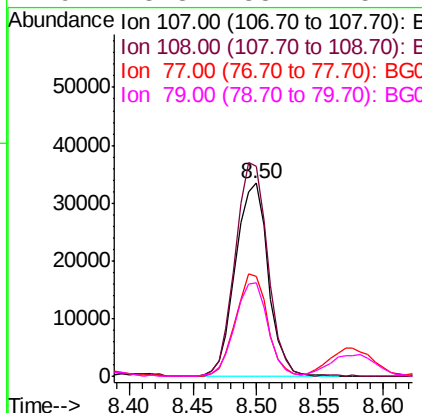
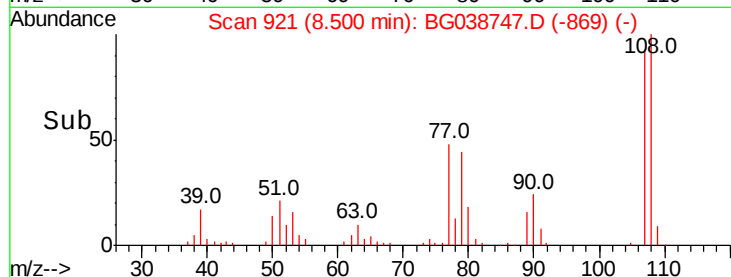
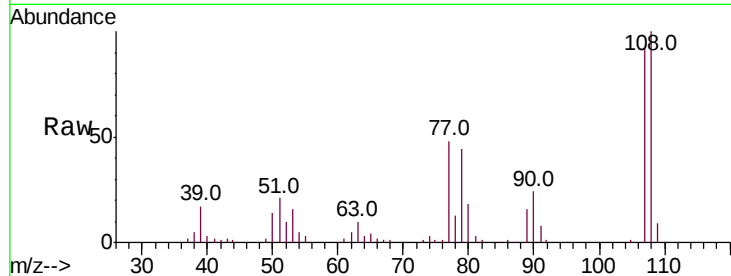
#17
2-Methylphenol
Concen: 46.465 ng
RT: 8.50 min Scan# 921
Delta R.T. 0.01 min
Lab File: BG038747.D
Acq: 20 Dec 2018 4:19

Instrument :
BNA_G
ClientSampleID :
PB115763BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	108.8	87.1	130.7
77	52.1	42.0	63.0
79	48.3	38.2	57.2

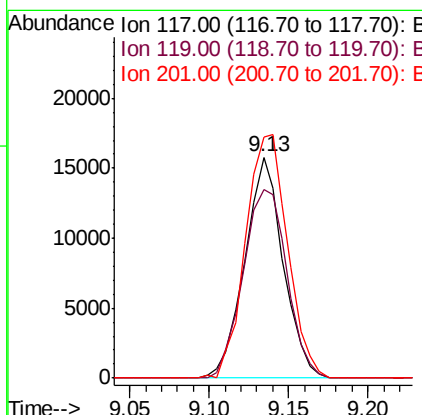
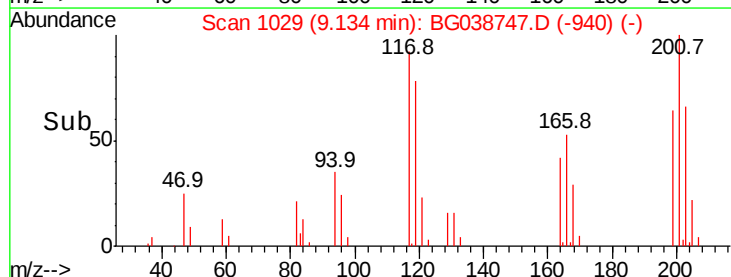
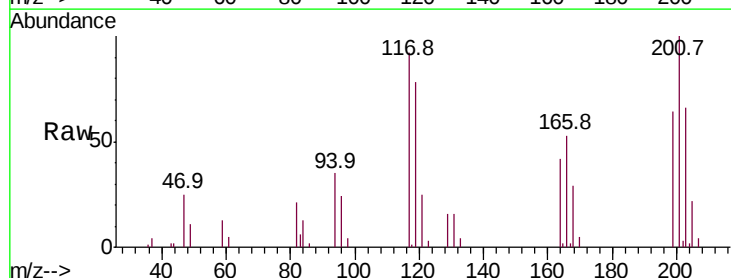
Manual Integrations
APPROVED

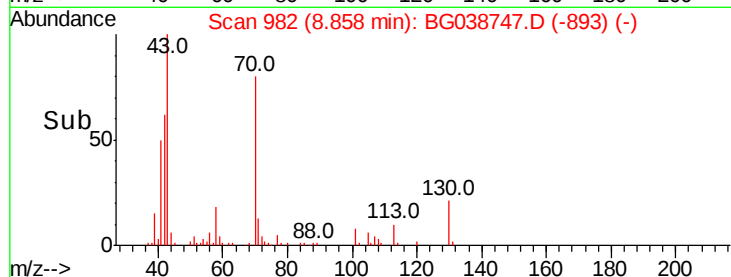
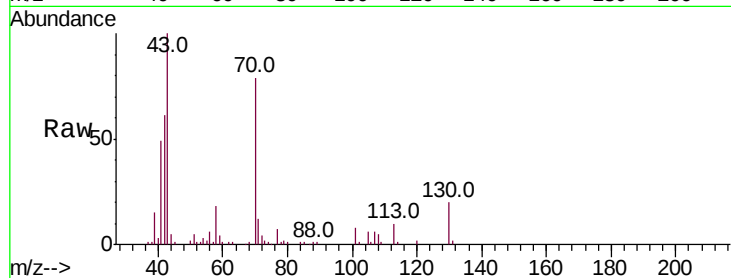
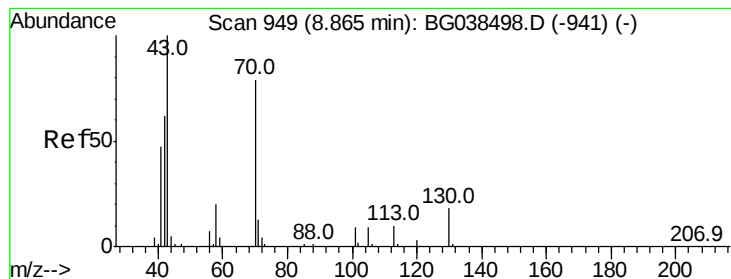
Sohil
12/20/2018 1:06:51 PM



#18
Hexachloroethane
Concen: 39.107 ng
RT: 9.13 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG038747.D
Acq: 20 Dec 2018 4:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	85.3	73.8	110.8
201	109.1	89.4	134.0





#19

n-Nitroso-di-n-propylamine

Concen: 37.199 ng

RT: 8.86 min Scan# 982

Delta R.T. -0.01 min

Lab File: BG038747.D

Acq: 20 Dec 2018 4:19

Instrument :

BNA_G

ClientSampleId :

PB115763BS

Tot Ion: 70 Resp: 47425

Ion Ratio Lower Upper

70 100

42 77.6 63.6 95.4

101 10.3 9.2 13.8

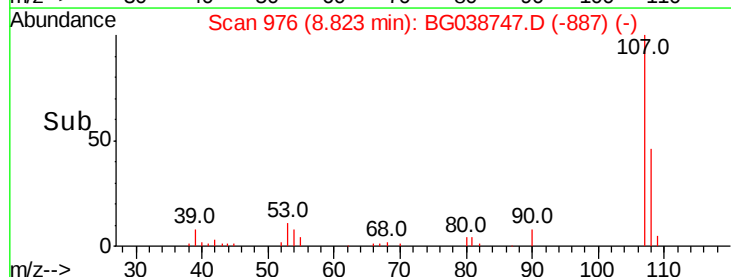
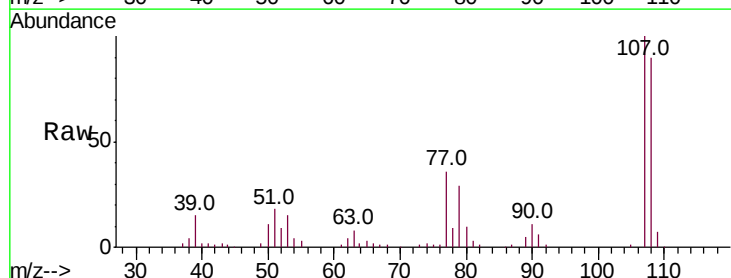
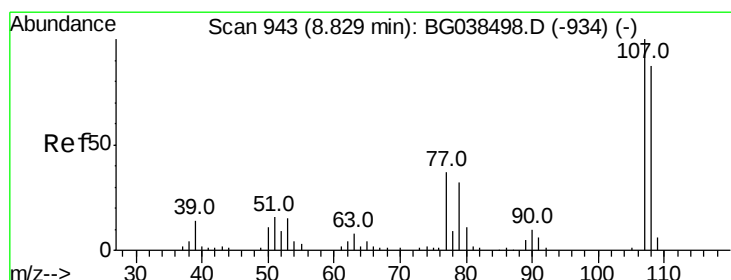
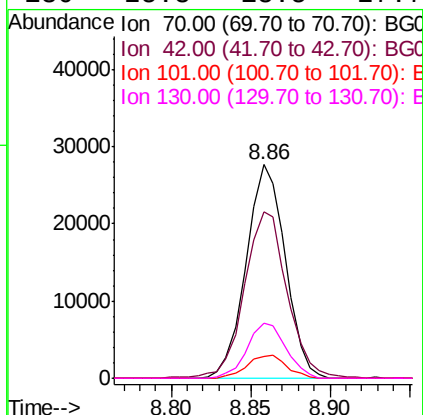
130 25.8 18.5 27.7

Manual Integrations

APPROVED

Sohil

12/20/2018 1:06:51 PM



#20

3+4-Methylphenols

Concen: 45.545 ng

RT: 8.82 min Scan# 976

Delta R.T. -0.01 min

Lab File: BG038747.D

Acq: 20 Dec 2018 4:19

Tgt Ion: 107 Resp: 81268

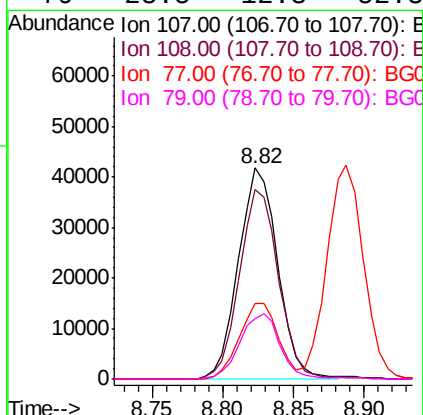
Ion Ratio Lower Upper

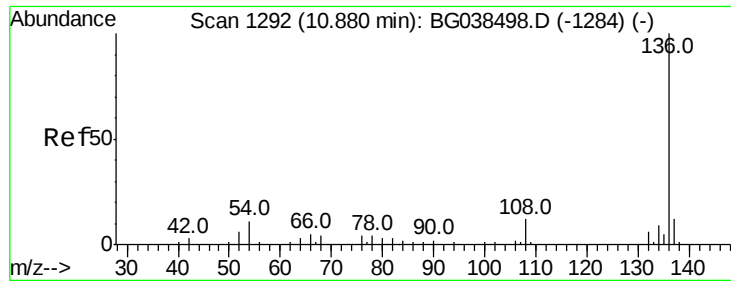
107 100

108 89.8 66.7 106.7

77 35.7 17.3 57.3

79 28.5 12.3 52.3





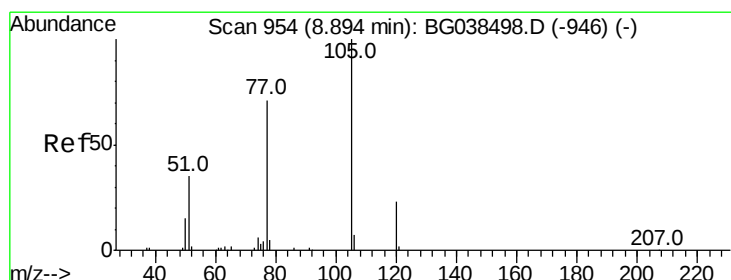
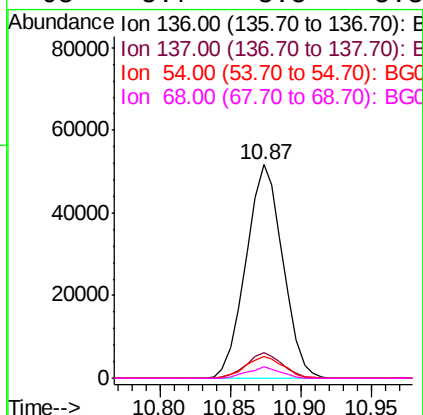
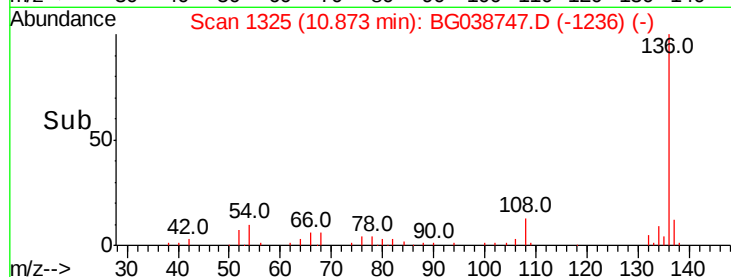
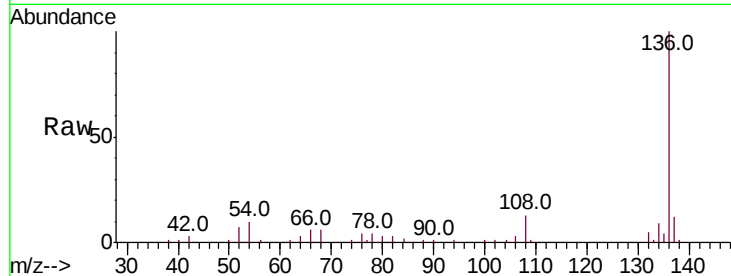
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG038747.D
Acq: 20 Dec 2018 4:19

Instrument :
BNA_G
ClientSampleId :
PB115763BS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	12.2	9.3	13.9
54	10.3	8.5	12.7
68	5.7	3.5	5.3#

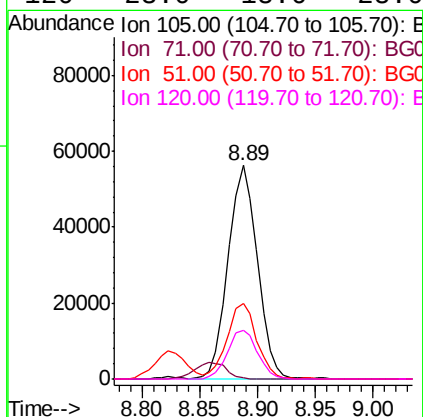
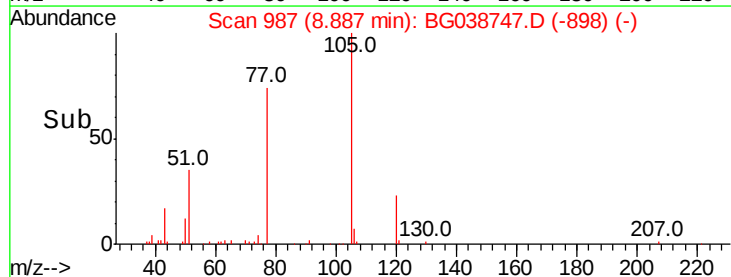
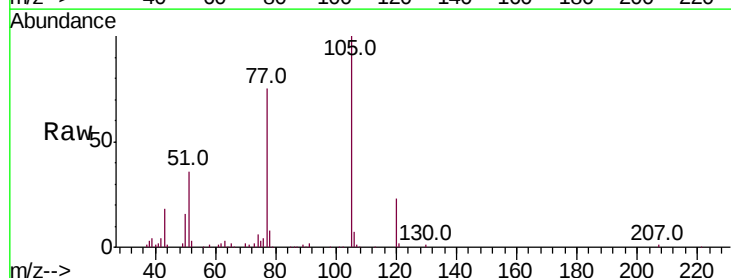
Manual Integrations
APPROVED

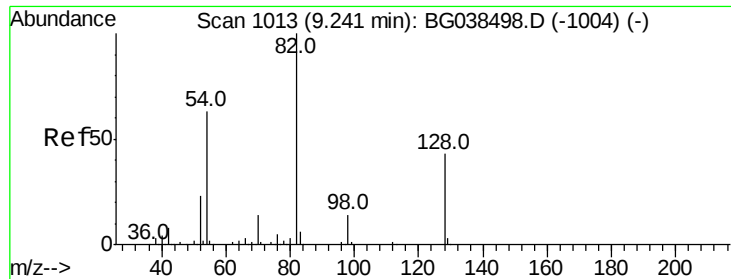
Sohil
12/20/2018 1:06:51 PM



#22
Acetophenone
Concen: 42.035 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BG038747.D
Acq: 20 Dec 2018 4:19

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	0.7	0.4	0.6#
51	35.6	30.6	46.0
120	23.0	18.6	28.0





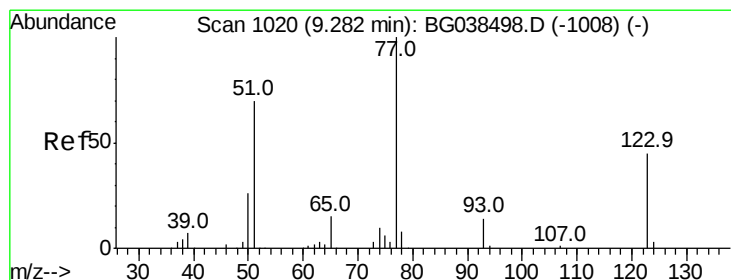
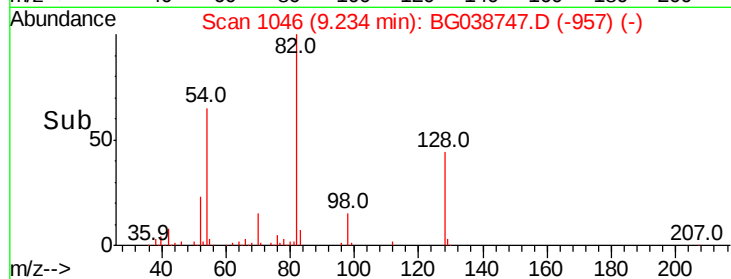
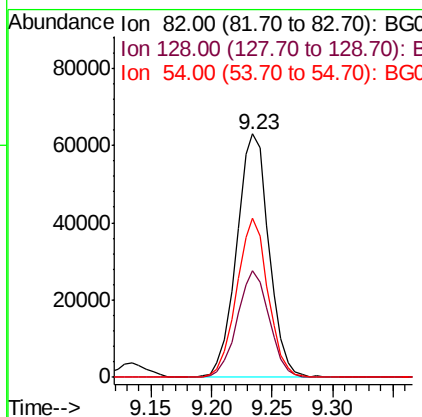
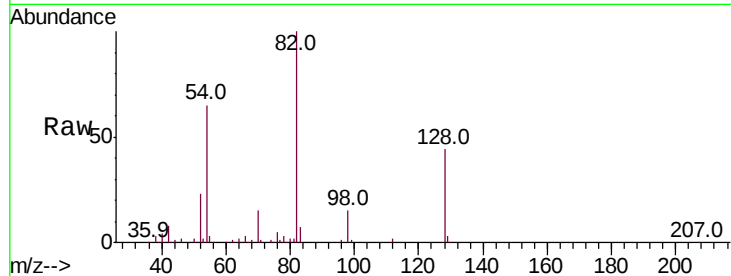
#23
Nitrobenzene-d5
Concen: 63.321 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038747.D
Acq: 20 Dec 2018 4:19

Instrument :
BNA_G
ClientSampleId :
PB115763BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.9	34.6	52.0
54	65.2	50.6	76.0

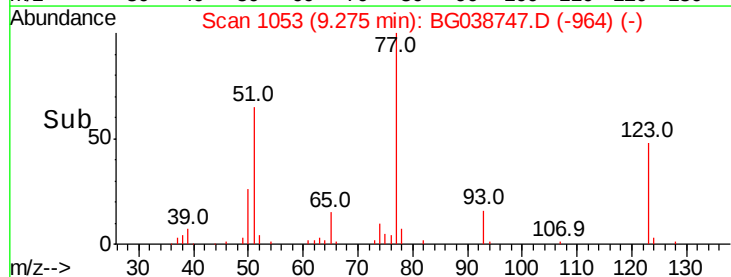
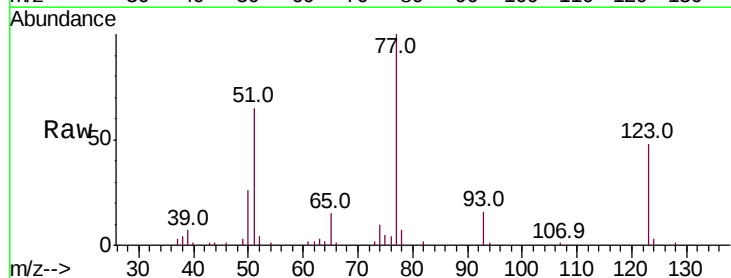
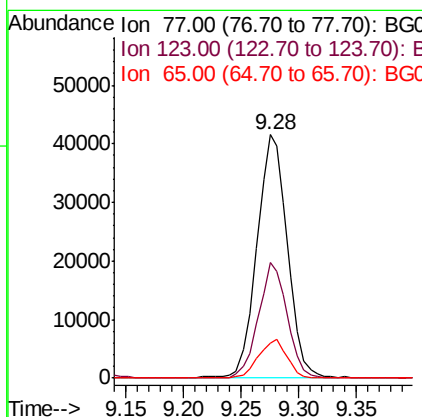
Manual Integrations
APPROVED

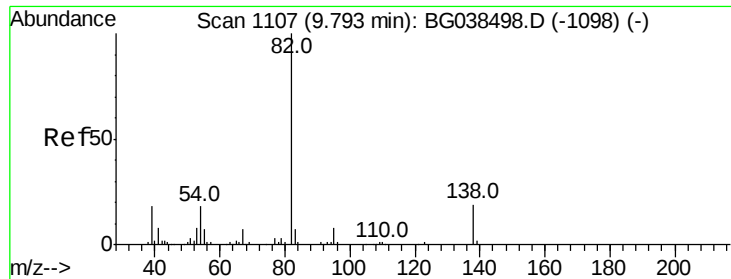
Sohil
12/20/2018 1:06:51 PM



#24
Nitrobenzene
Concen: 40.752 ng
RT: 9.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BG038747.D
Acq: 20 Dec 2018 4:19

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.6	35.9	53.9
65	14.5	12.0	18.0





#25

Isophorone

Concen: 41.659 ng

RT: 9.79 min Scan# 1140

Delta R.T. -0.01 min

Lab File: BG038747.D

Acq: 20 Dec 2018 4:19

Instrument :

BNA_G

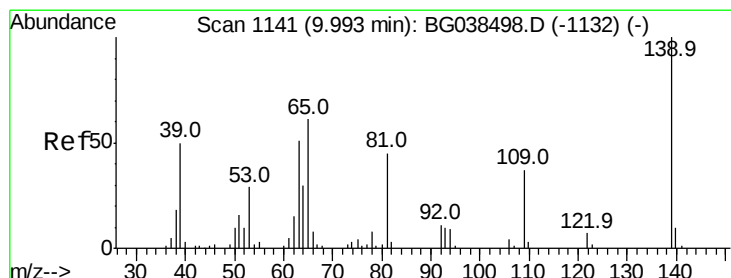
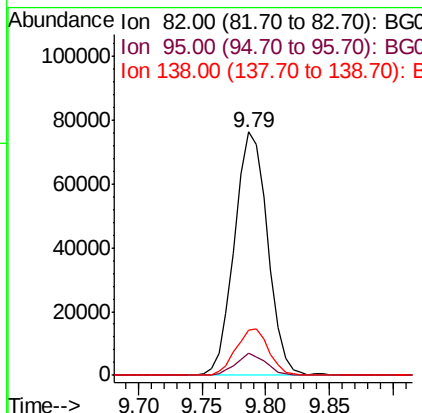
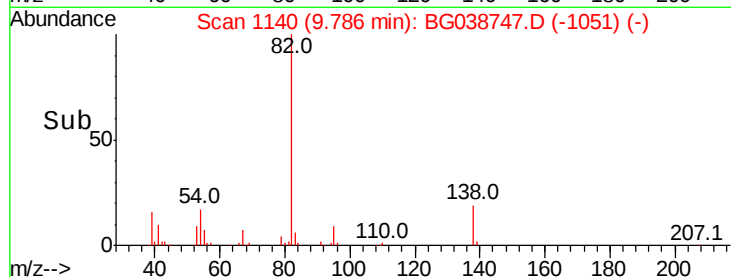
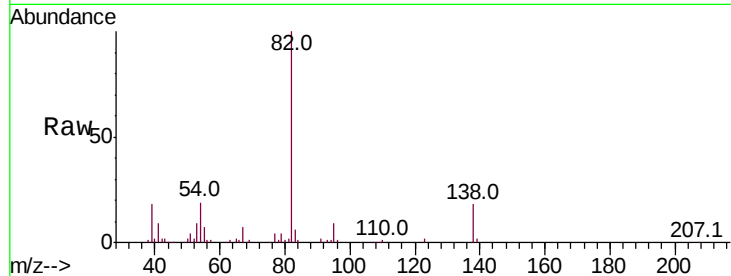
ClientSampleId :

PB115763BS

Tot Ion:	82	Resp:	138546
Ion Ratio	Lower	Upper	
82	100		
95	9.0	6.1	9.1
138	18.4	14.9	22.3

Manual Integrations
APPROVED

Sohil
12/20/2018 1:06:51 PM



#26

2-Nitrophenol

Concen: 41.672 ng

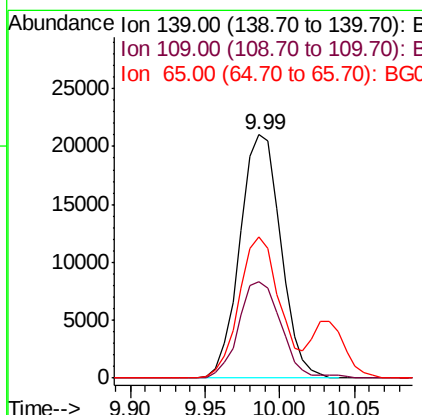
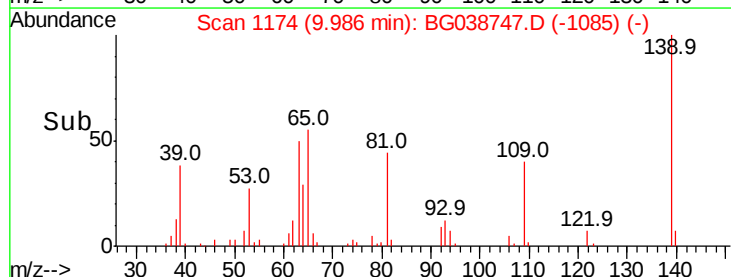
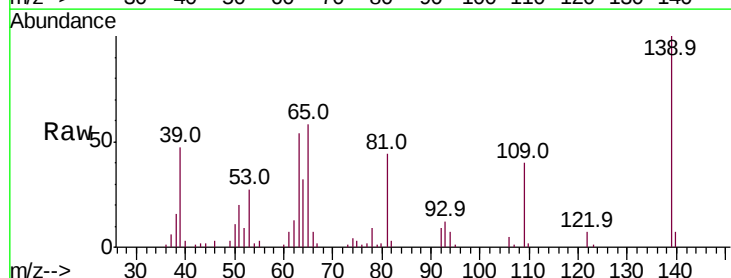
RT: 9.99 min Scan# 1174

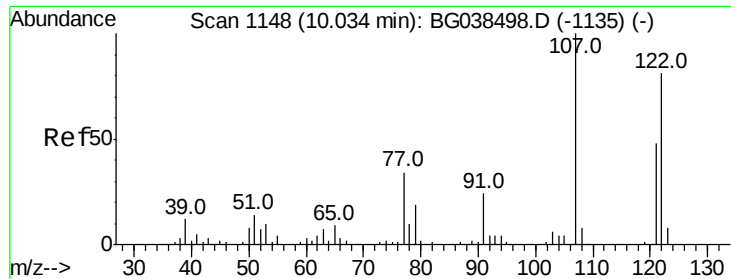
Delta R.T. -0.01 min

Lab File: BG038747.D

Acq: 20 Dec 2018 4:19

Tgt Ion:	139	Resp:	39939
Ion Ratio	Lower	Upper	
139	100		
109	39.7	29.5	44.3
65	58.2	48.5	72.7





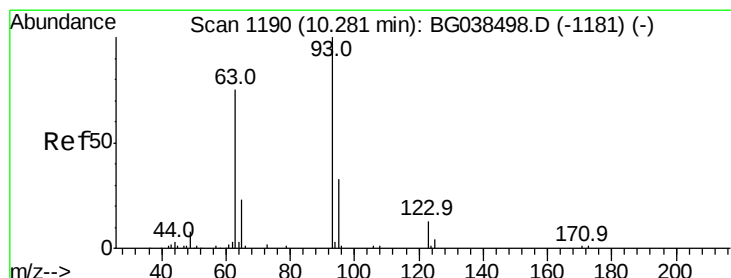
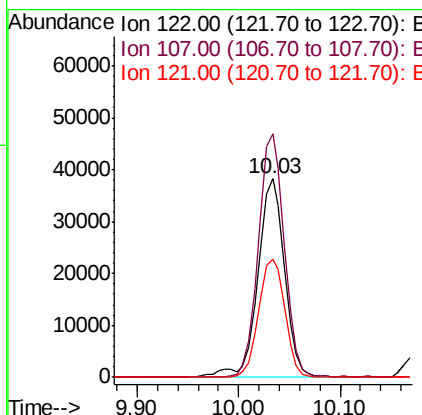
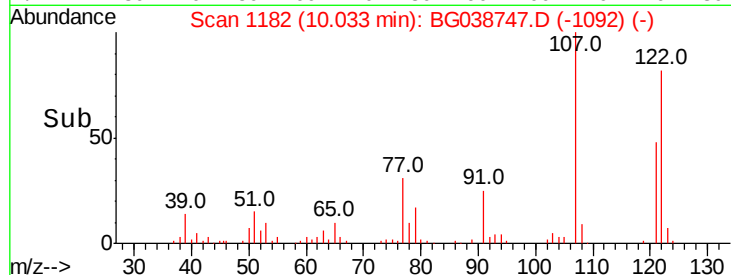
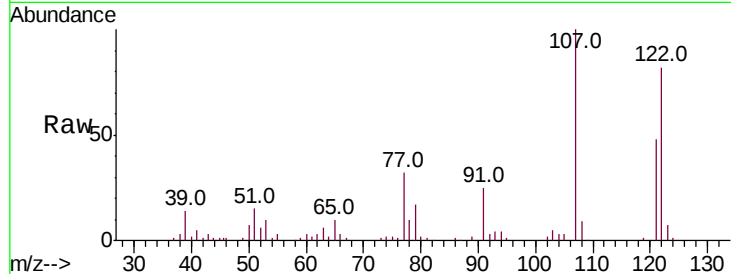
#27
 2,4-Dimethylphenol
 Concen: 50.703 ng
 RT: 10.03 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BG038747.D
 Acq: 20 Dec 2018 4:19

Instrument :
 BNA_G
 ClientSampleId :
 PB115763BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	122.6	98.4	147.6
121	59.2	47.2	70.8

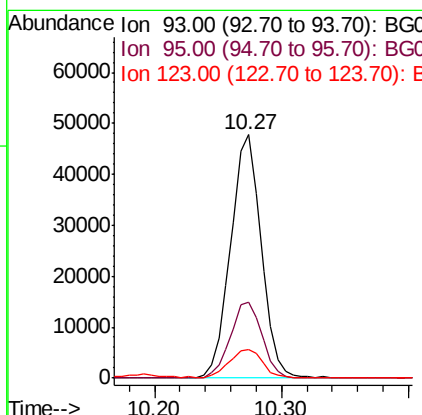
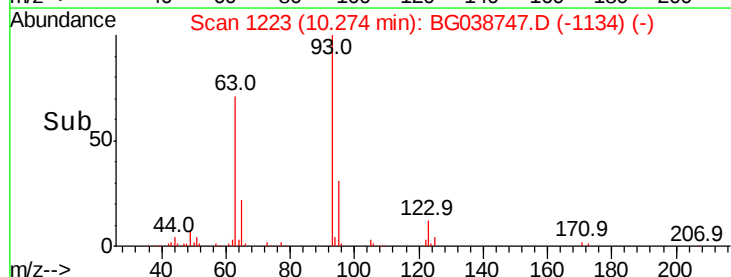
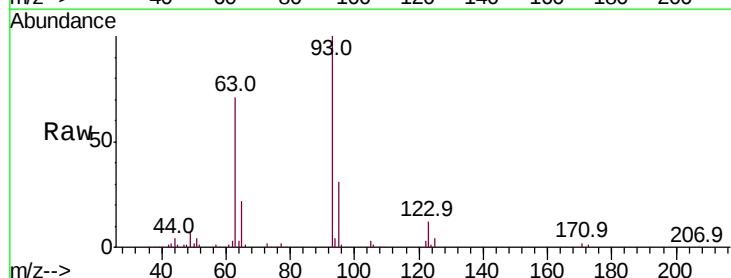
Manual Integrations
 APPROVED

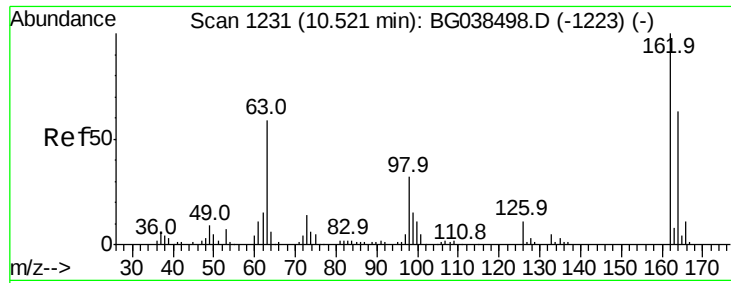
Sohil
 12/20/2018 1:06:51 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.465 ng
 RT: 10.27 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BG038747.D
 Acq: 20 Dec 2018 4:19

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.2	26.6	40.0
123	11.8	10.6	16.0





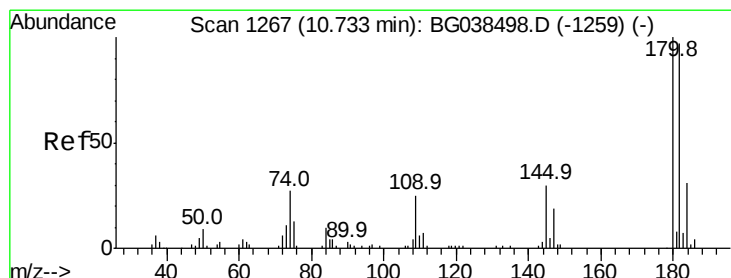
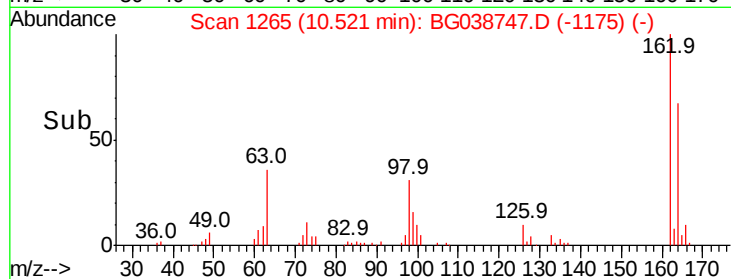
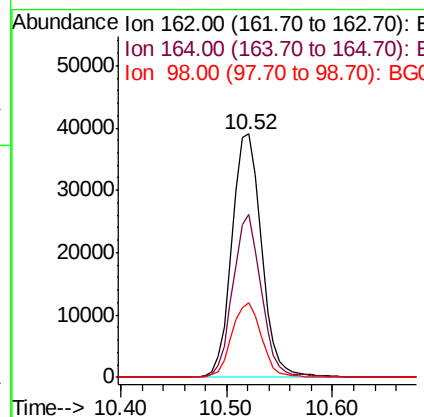
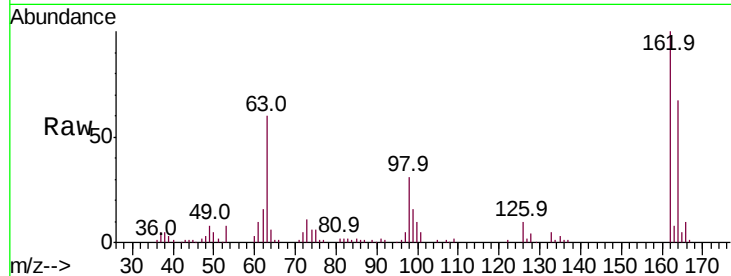
#29
 2,4-Dichlorophenol
 Concen: 49.534 ng
 RT: 10.52 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: BG038747.D
 Acq: 20 Dec 2018 4:19

Instrument :
 BNA_G
 ClientSampleId :
 PB115763BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	67.0	42.9	82.9
98	30.8	12.1	52.1

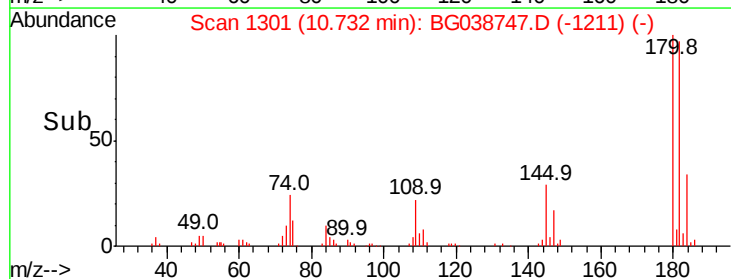
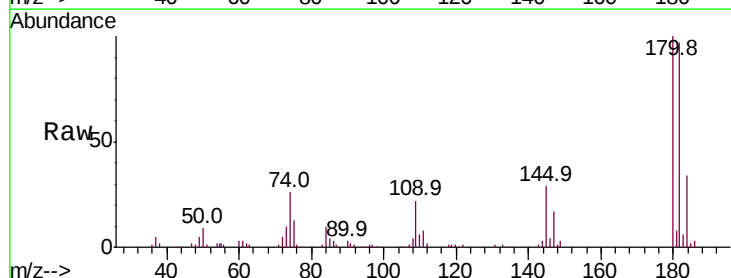
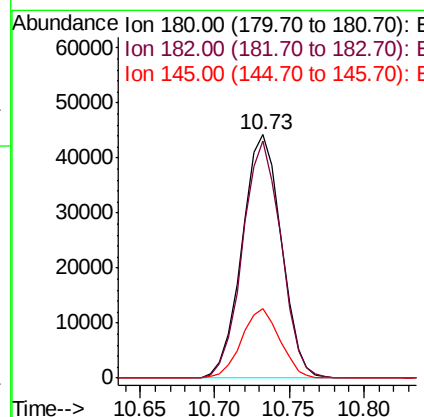
Manual Integrations
 APPROVED

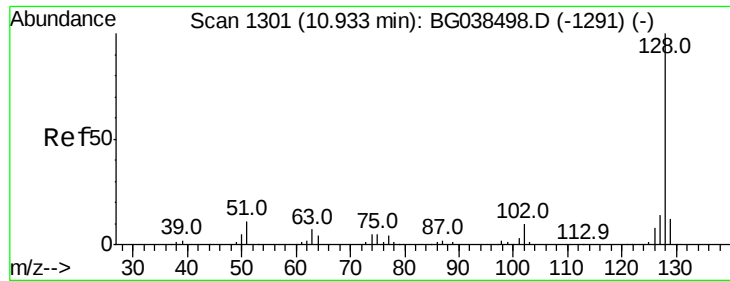
Sohil
 12/20/2018 1:06:51 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 43.667 ng
 RT: 10.73 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: BG038747.D
 Acq: 20 Dec 2018 4:19

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	97.2	77.4	116.0
145	28.5	24.1	36.1





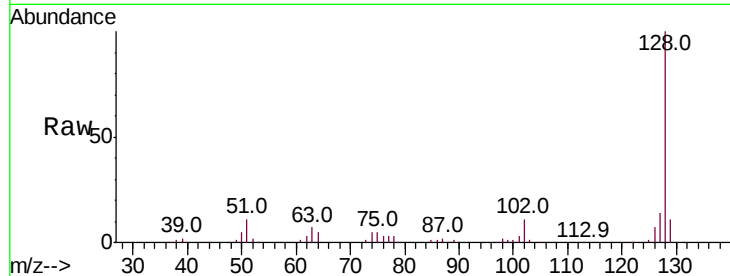
#31
Naphthalene
Concen: 45.449 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG038747.D
Acq: 20 Dec 2018 4:19

Instrument :
BNA_G
ClientSampleId :
PB115763BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.5	14.3
127	14.1	10.9	16.3

Manual Integrations
APPROVED

Sohil
12/20/2018 1:06:51 PM

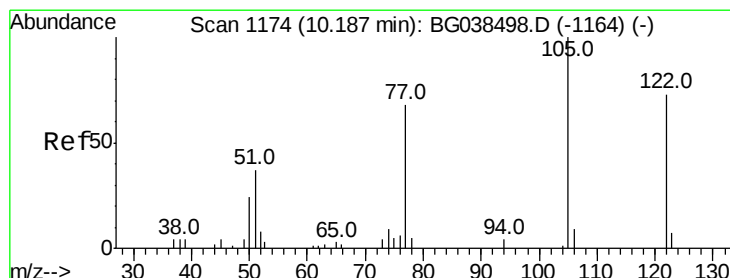
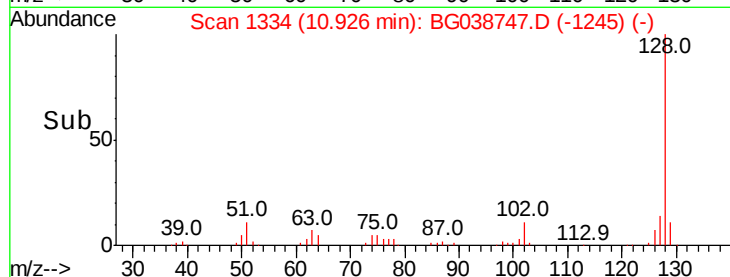
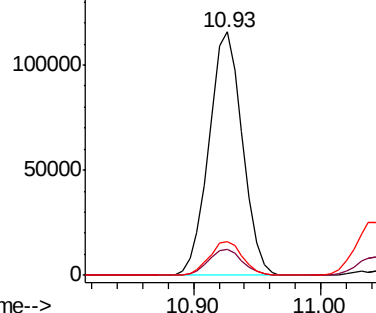


Abundance

Ion 128.00 (127.70 to 128.70): E

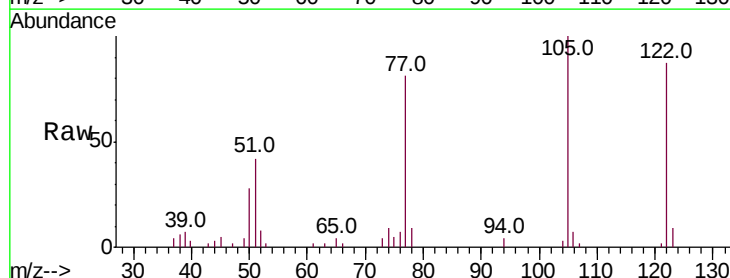
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 40.788 ng m
RT: 10.19 min Scan# 1209
Delta R.T. 0.01 min
Lab File: BG038747.D
Acq: 20 Dec 2018 4:19

Tgt Ion	Ratio	Lower	Upper
122	100		
105	114.9	116.7	156.7#
77	92.7	72.5	112.5

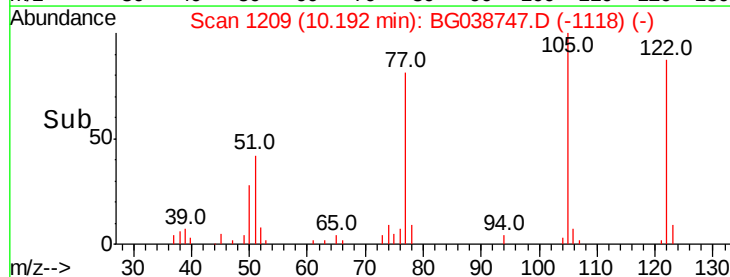
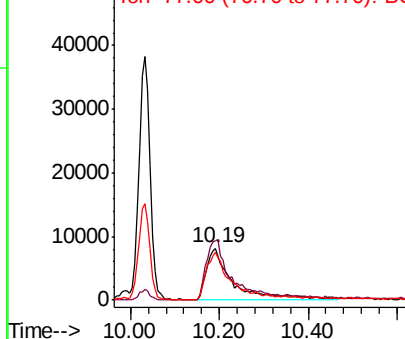


Abundance

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): BGO





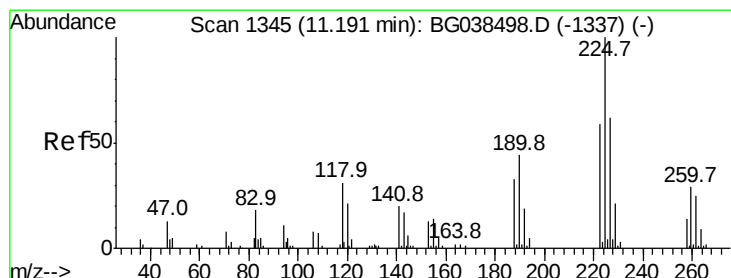
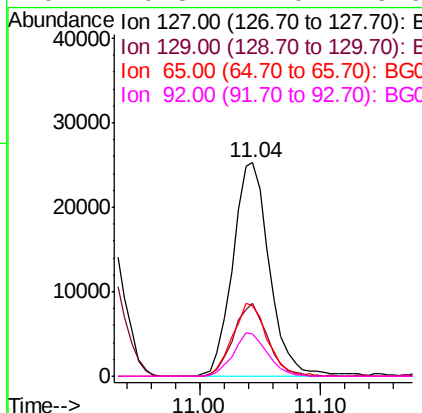
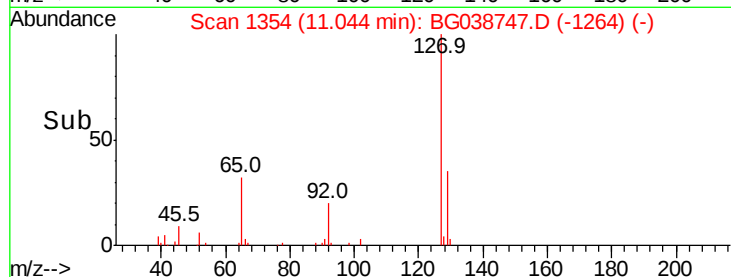
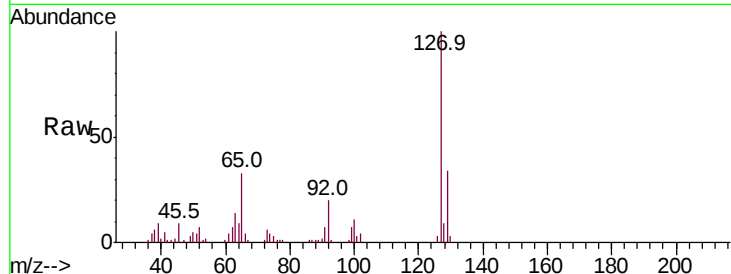
#33
4-Chloroaniline
Concen: 26.322 ng
RT: 11.04 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BG038747.D
Acq: 20 Dec 2018 4:19

Instrument :
BNA_G
ClientSampleId :
PB115763BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	34.0	25.8	38.8	
65	32.8	27.8	41.6	
92	19.8	17.0	25.6	

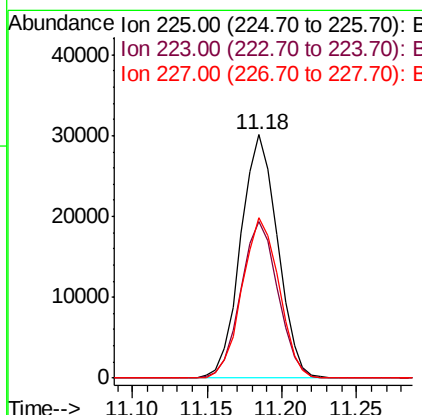
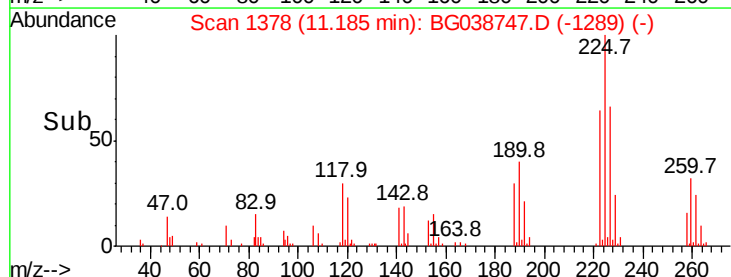
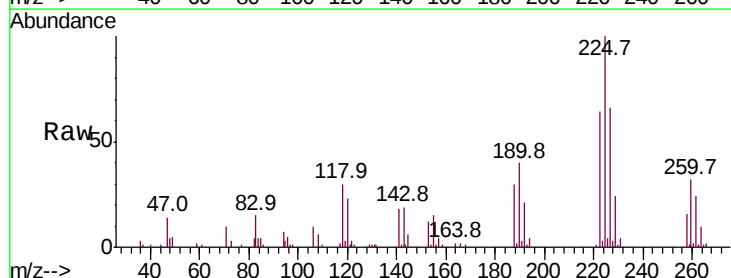
Manual Integrations
APPROVED

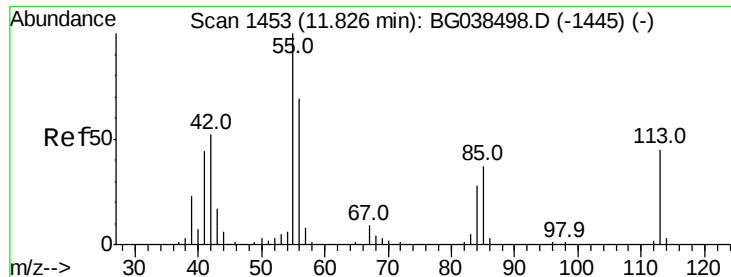
Sohil
12/20/2018 1:06:51 PM



#34
Hexachlorobutadiene
Concen: 41.305 ng
RT: 11.18 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BG038747.D
Acq: 20 Dec 2018 4:19

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	66.8	45.0	67.6	
227	68.6	50.6	75.8	





#35

Caprolactam

Concen: 40.000 ng

RT: 11.83 min Scan# 1487

Delta R.T. -0.00 min

Lab File: BG038747.D

Acq: 20 Dec 2018 4:19

Instrument :

BNA_G

ClientSampled :

PB115763BS

Tot Ion:113 Resp: 25295

Ion Ratio Lower Upper

113 100

55 197.7 204.3 244.3#

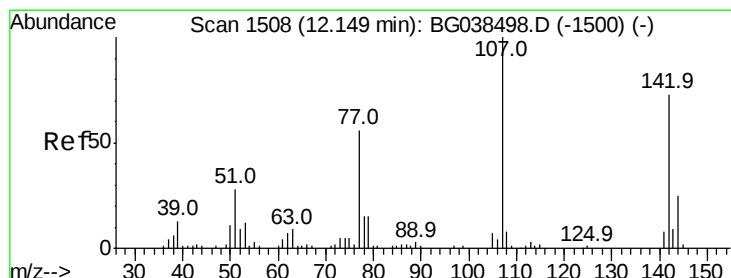
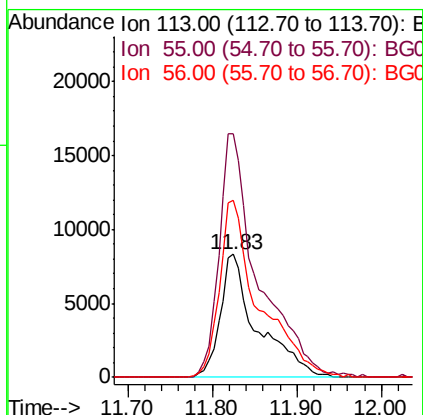
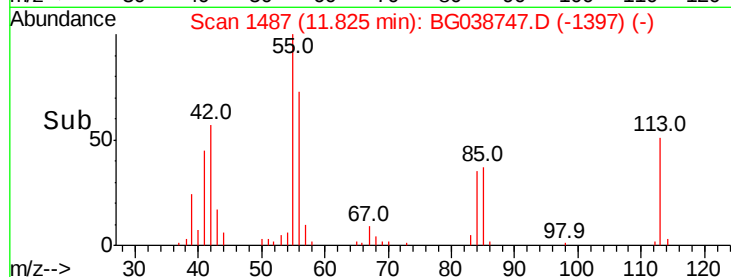
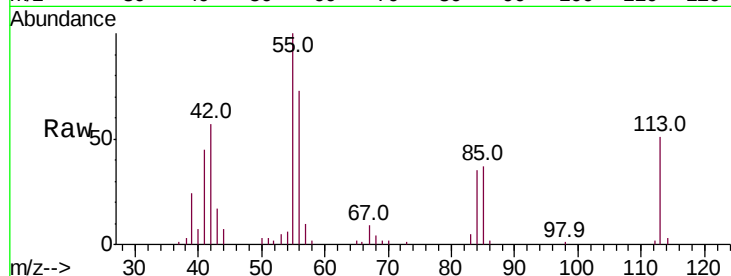
56 144.3 135.0 175.0

Manual Integrations

APPROVED

Sohil

12/20/2018 1:06:51 PM



#36

4-Chloro-3-methylphenol

Concen: 44.606 ng

RT: 12.15 min Scan# 1542

Delta R.T. -0.00 min

Lab File: BG038747.D

Acq: 20 Dec 2018 4:19

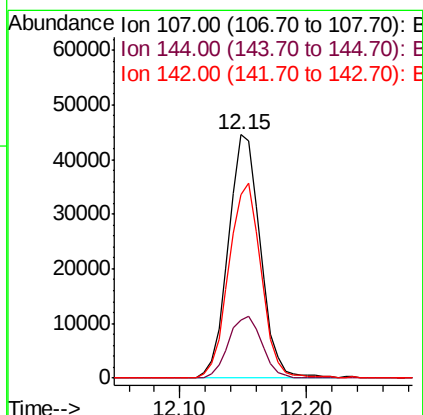
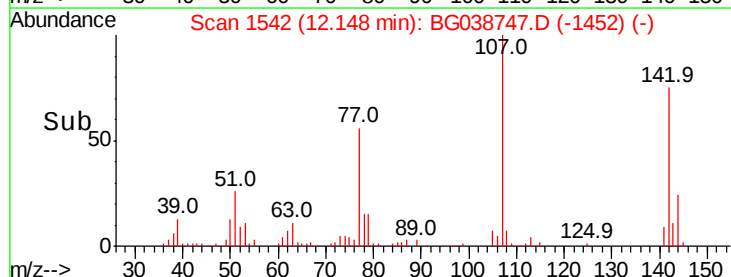
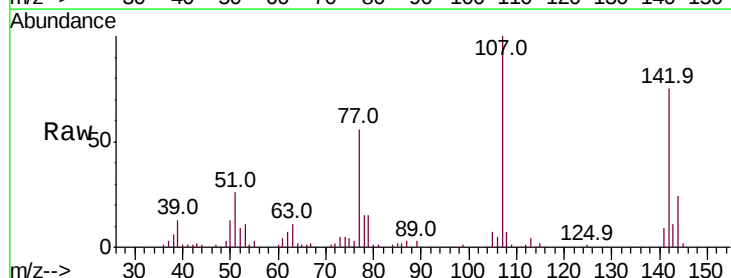
Tgt Ion:107 Resp: 77782

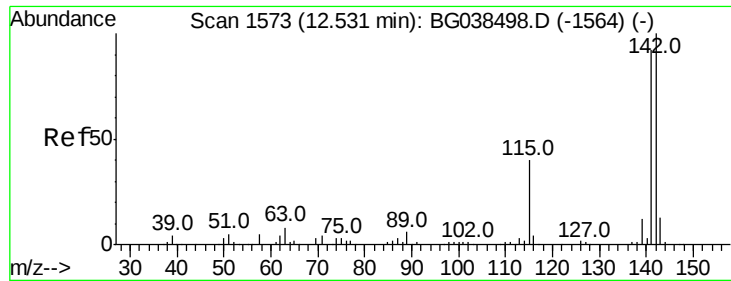
Ion Ratio Lower Upper

107 100

144 23.9 20.1 30.1

142 75.4 58.7 88.1





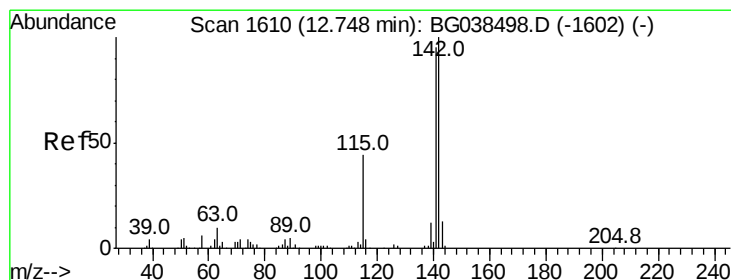
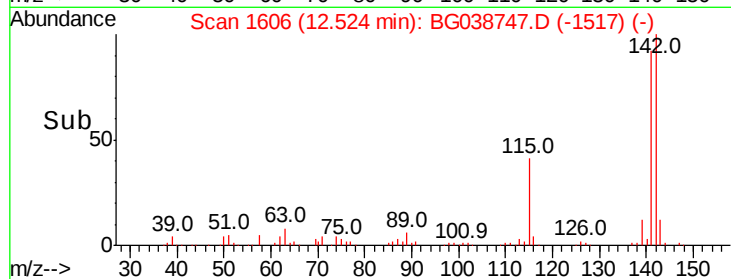
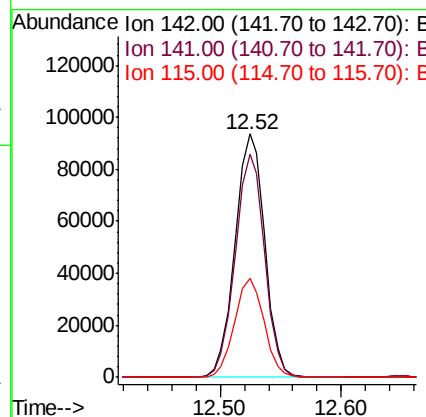
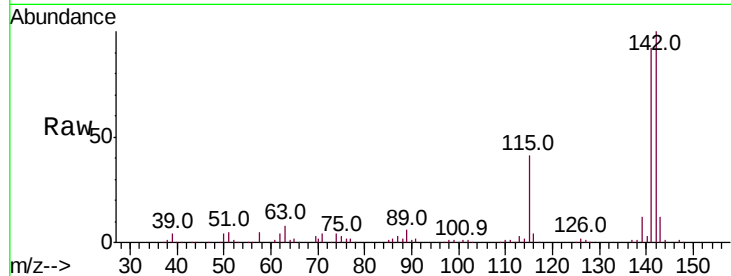
#37
2-Methylnaphthalene
Concen: 48.307 ng
RT: 12.52 min Scan# 1606
Delta R.T. -0.01 min
Lab File: BG038747.D
Acq: 20 Dec 2018 4:19

Instrument :
BNA_G
ClientSampleId :
PB115763BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.5	73.5	110.3
115	40.6	31.7	47.5

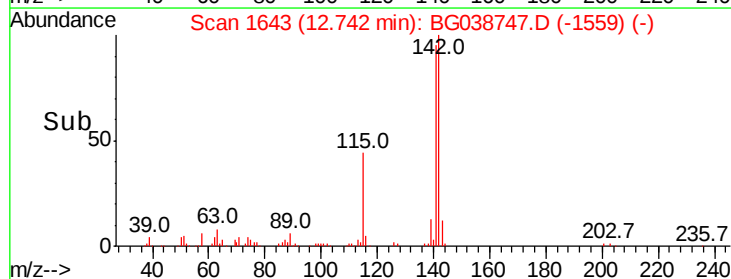
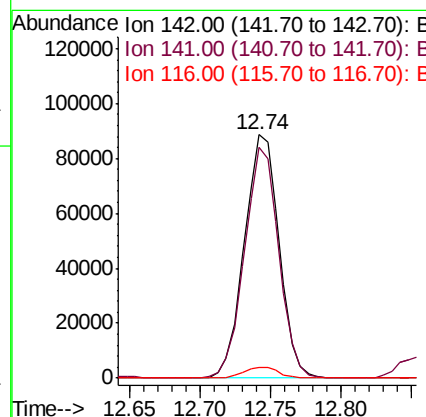
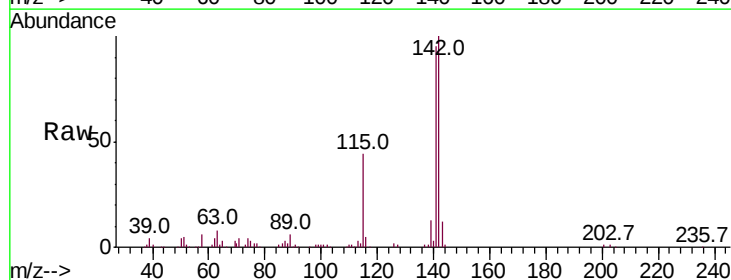
Manual Integrations
APPROVED

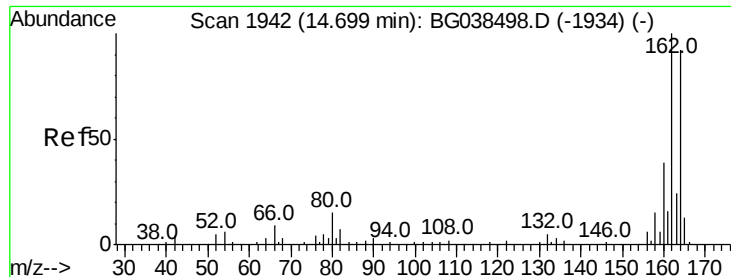
Sohil
12/20/2018 1:06:51 PM



#38
1-Methylnaphthalene
Concen: 47.187 ng
RT: 12.74 min Scan# 1643
Delta R.T. -0.01 min
Lab File: BG038747.D
Acq: 20 Dec 2018 4:19

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.6	75.8	113.8
116	4.6	3.6	5.4





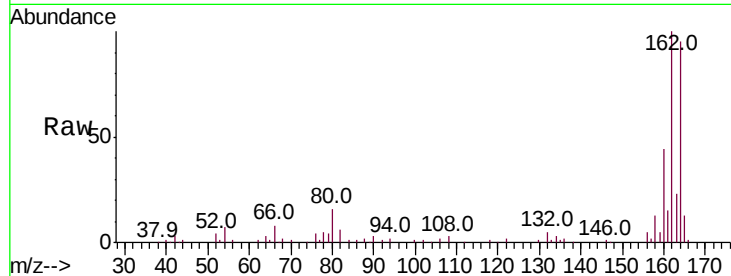
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG038747.D
Acq: 20 Dec 2018 4:19

Instrument :
BNA_G
ClientSampleId :
PB115763BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.3	86.6	130.0
160	46.4	34.2	51.2

Manual Integrations
APPROVED

Sohil
12/20/2018 1:06:51 PM

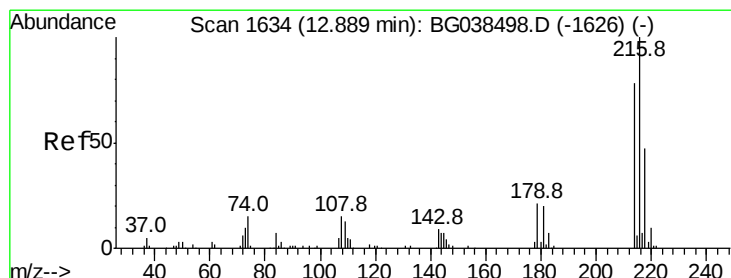
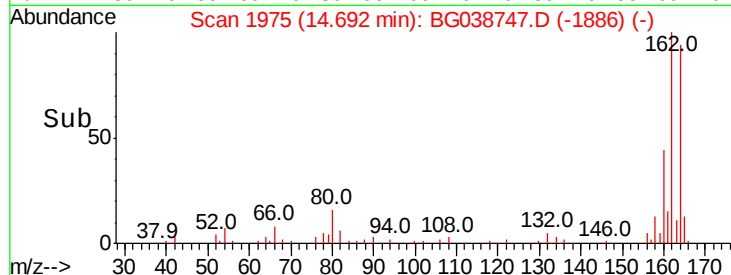
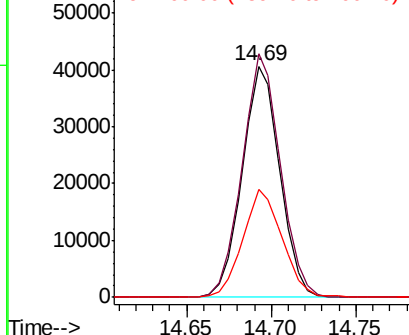


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.861 ng
RT: 12.89 min Scan# 1668
Delta R.T. -0.00 min
Lab File: BG038747.D
Acq: 20 Dec 2018 4:19

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.7	64.1	96.1
179	19.9	16.4	24.6
108	17.4	13.9	20.9

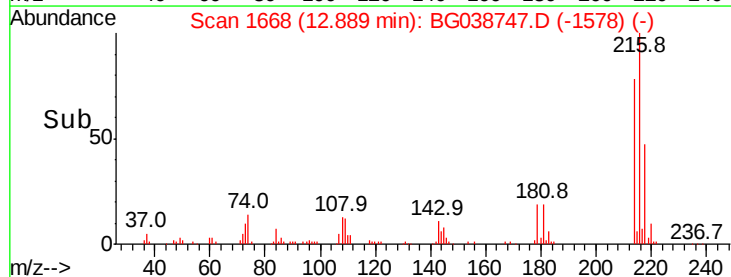
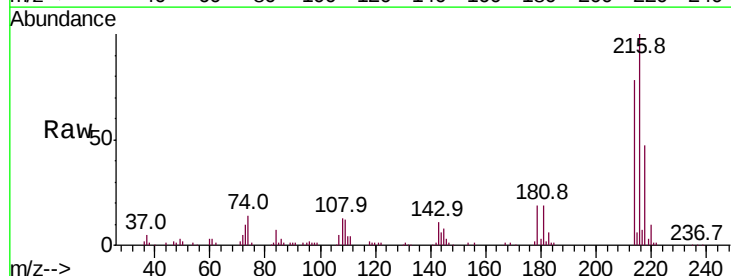
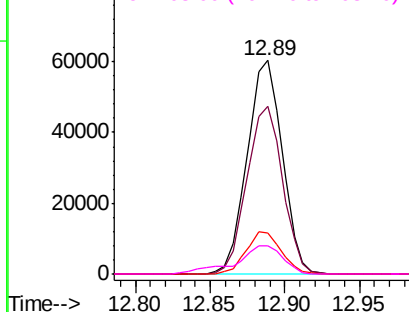
Abundance

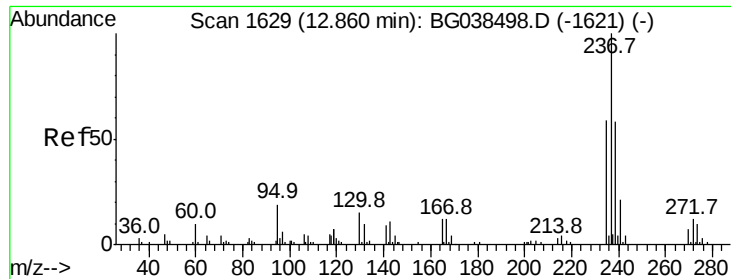
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 90.822 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG038747.D

Acq: 20 Dec 2018 4:19

Instrument :

BNA_G

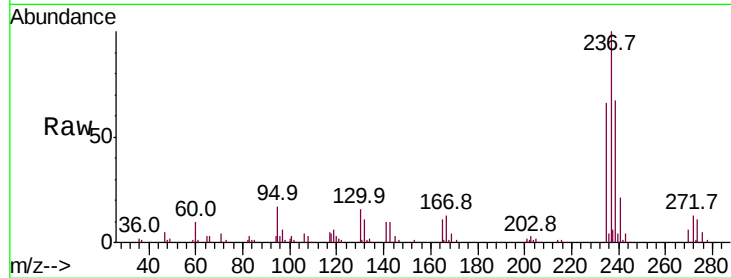
ClientSampled :

PB115763BS

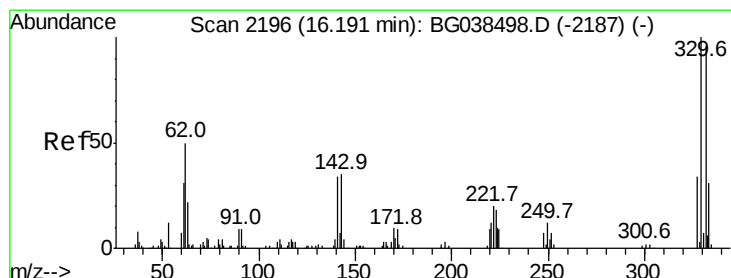
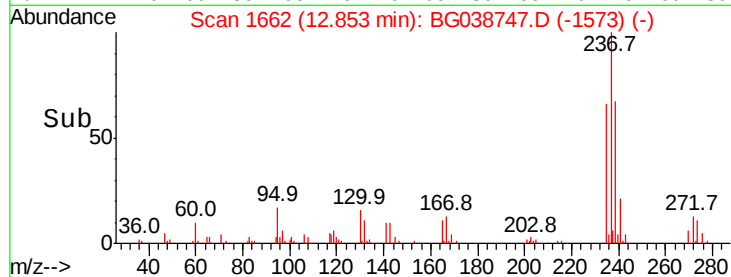
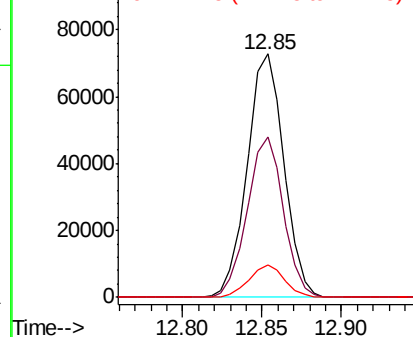
Tot Ion:	237	Resp:	116985
Ion Ratio	Lower	Upper	
237	100		
235	65.6	38.8	78.8
272	13.1	0.0	32.0

Manual Integrations
APPROVED

Sohil
12/20/2018 1:06:51 PM



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



#42

2,4,6-Tribromophenol

Concen: 131.604 ng

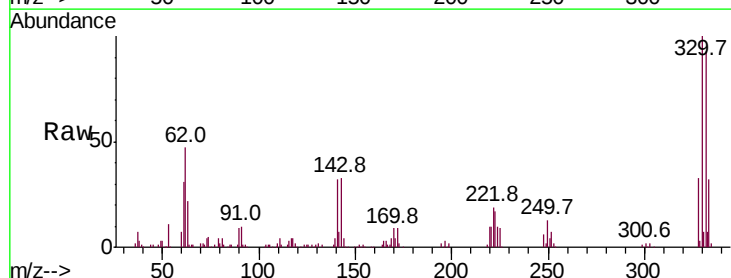
RT: 16.18 min Scan# 2229

Delta R.T. -0.01 min

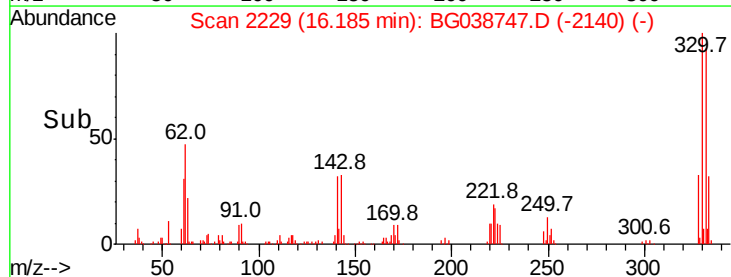
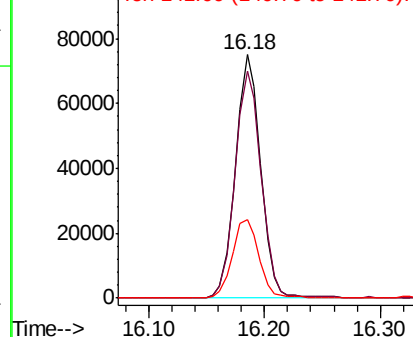
Lab File: BG038747.D

Acq: 20 Dec 2018 4:19

Tgt Ion:	330	Resp:	113761
Ion Ratio	Lower	Upper	
330	100		
332	96.6	76.9	115.3
141	34.2	28.8	43.2



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





#43

2,4,6-Trichlorophenol

Concen: 46.993 ng

RT: 13.13 min Scan# 1709

Delta R.T. -0.00 min

Lab File: BG038747.D

Acq: 20 Dec 2018 4:19

Instrument :

BNA_G

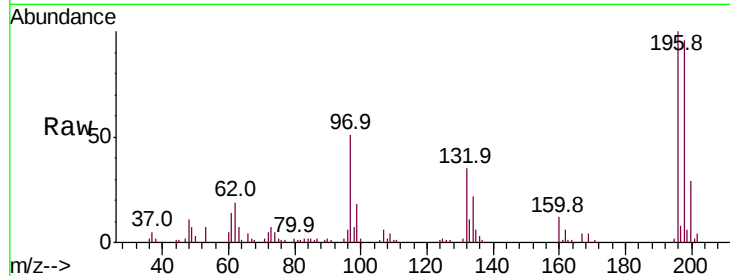
ClientSampleId :

PB115763BS

Tot Ion:	196	Resp:	67743
Ion Ratio	Lower	Upper	
196	100		
198	96.2	75.0	112.4
200	29.3	22.4	33.6

Manual Integrations
APPROVED

Sohil
12/20/2018 1:06:51 PM

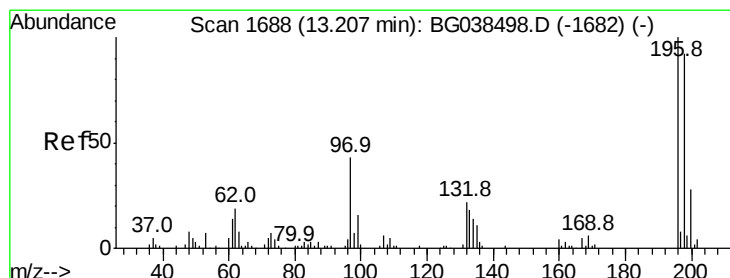
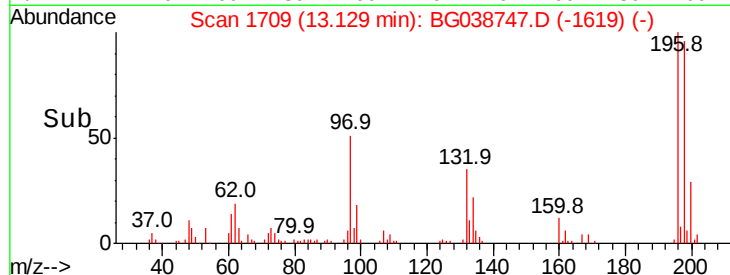
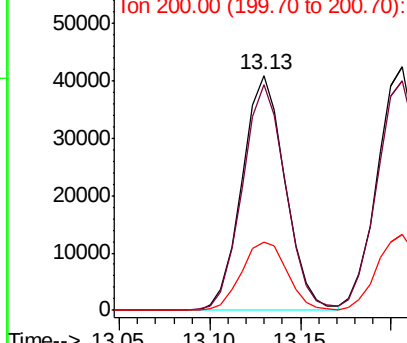


Abundance

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



#44

2,4,5-Trichlorophenol

Concen: 47.390 ng

RT: 13.21 min Scan# 1722

Delta R.T. -0.00 min

Lab File: BG038747.D

Acq: 20 Dec 2018 4:19

Tgt Ion:	196	Resp:	72330
Ion Ratio	Lower	Upper	
196	100		
198	94.1	74.0	111.0
97	39.6	35.1	52.7
132	22.2	18.0	27.0

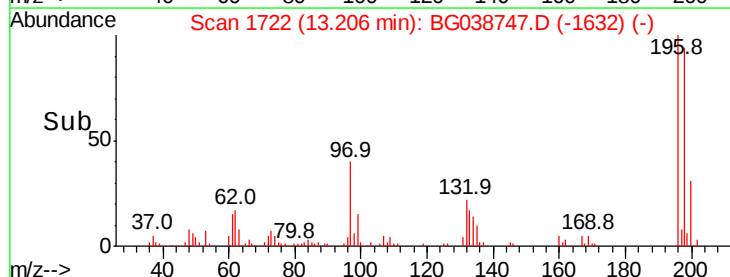
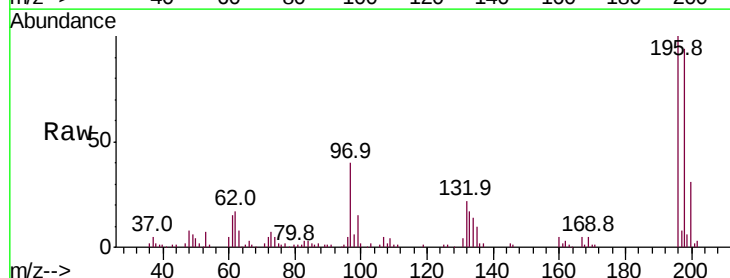
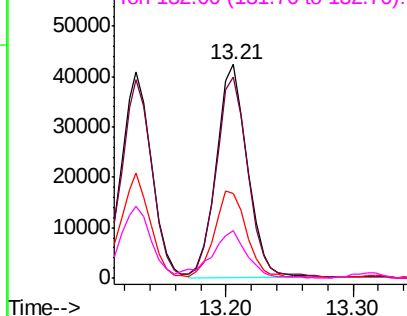
Abundance

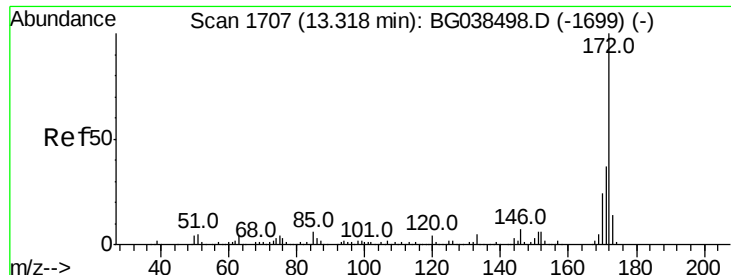
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E





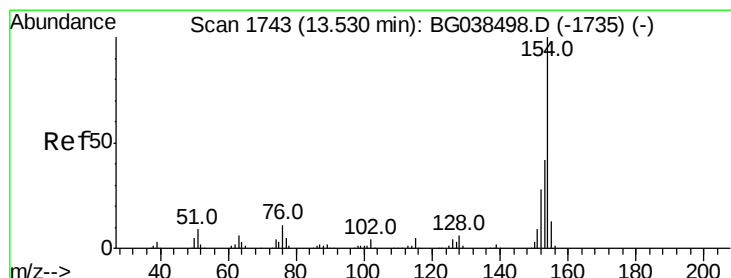
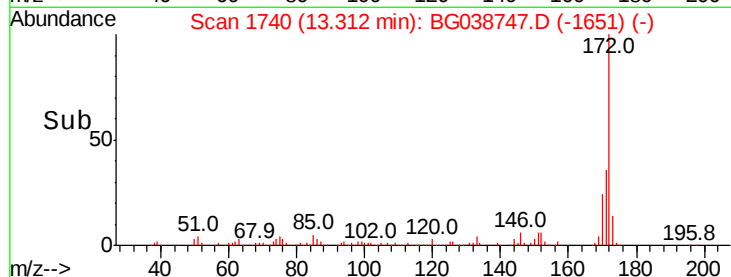
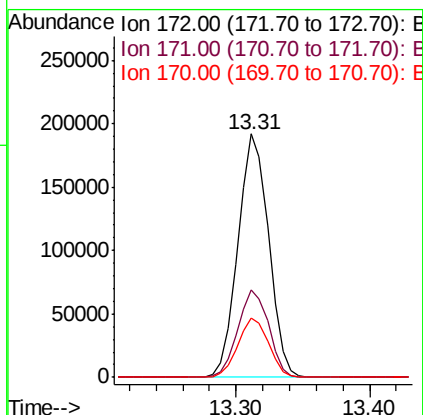
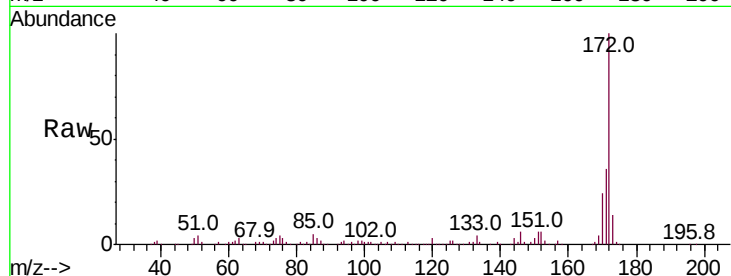
#45
2-Fluorobiphenyl
Concen: 66.498 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG038747.D
Acq: 20 Dec 2018 4:19

Instrument :
BNA_G
ClientSampled :
PB115763BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.8	44.6
170	24.3	19.5	29.3

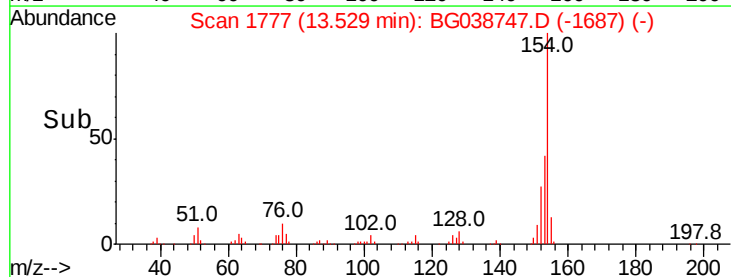
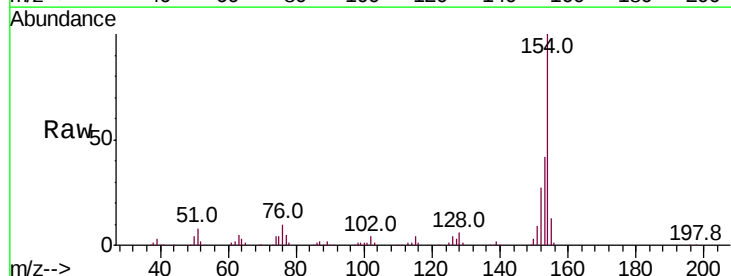
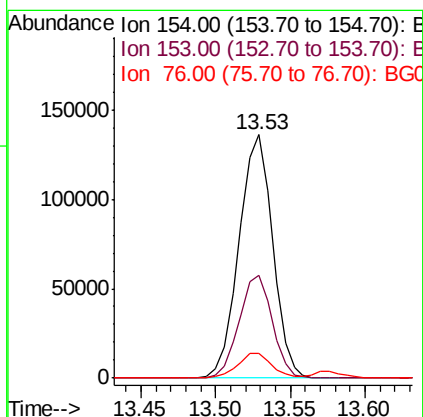
Manual Integrations
APPROVED

Sohil
12/20/2018 1:06:51 PM



#46
1,1'-Biphenyl
Concen: 40.455 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.00 min
Lab File: BG038747.D
Acq: 20 Dec 2018 4:19

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.1	22.1	62.1
76	10.4	0.0	31.2





#47

2-Chloronaphthalene

Concen: 42.543 ng

RT: 13.58 min Scan# 1785

Delta R.T. -0.01 min

Lab File: BG038747.D

Acq: 20 Dec 2018 4:19

Instrument :

BNA_G

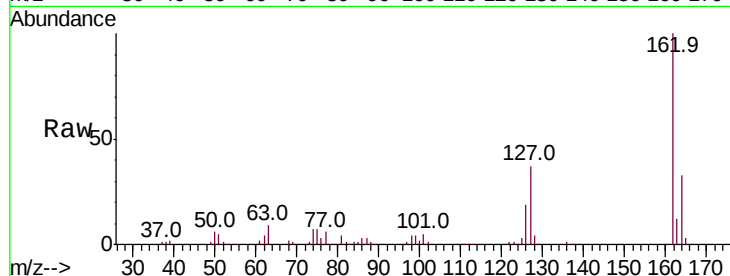
ClientSampleId :

PB115763BS

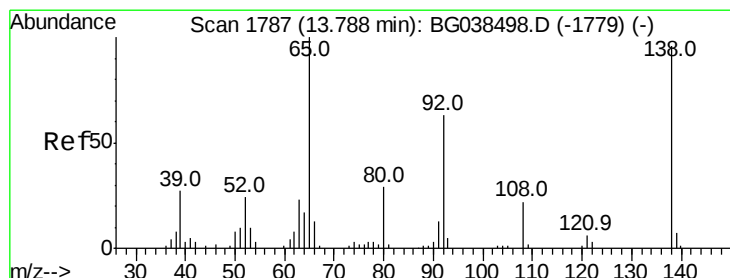
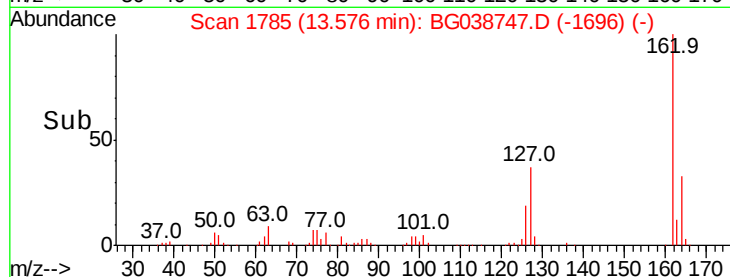
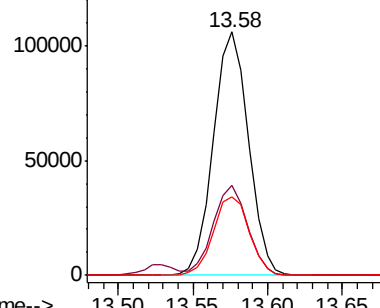
Tot Ion:	162	Resp:	172794
Ion Ratio	Lower	Upper	
162	100		
127	36.8	27.8	41.8
164	32.5	26.9	40.3

Manual Integrations
APPROVED

Sohil
12/20/2018 1:06:51 PM



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



#48

2-Nitroaniline

Concen: 43.328 ng

RT: 13.79 min Scan# 1821

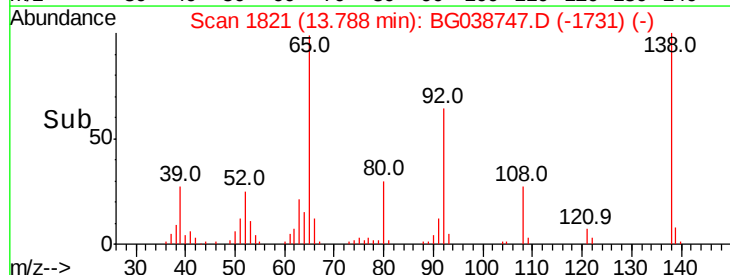
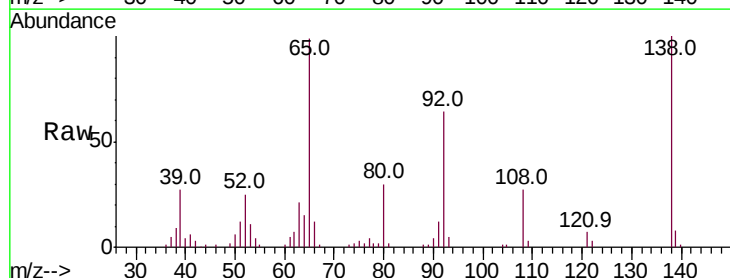
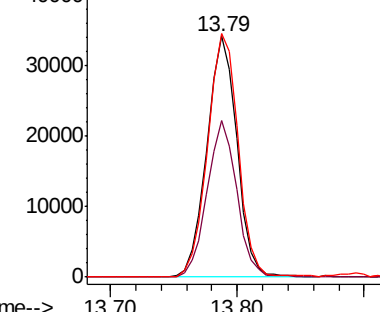
Delta R.T. -0.00 min

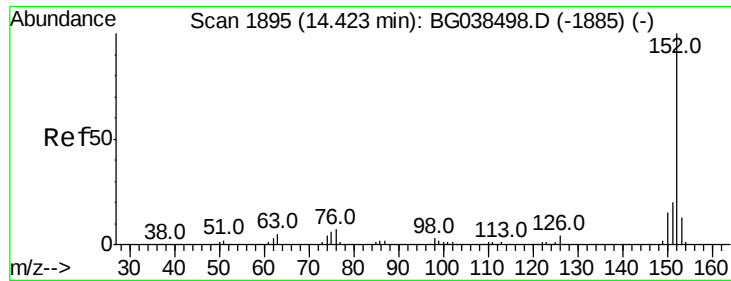
Lab File: BG038747.D

Acq: 20 Dec 2018 4:19

Tgt Ion:	65	Resp:	56055
Ion Ratio	Lower	Upper	
65	100		
92	65.0	50.0	75.0
138	101.1	76.9	115.3

Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 46.506 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BG038747.D

Acq: 20 Dec 2018 4:19

Instrument :

BNA_G

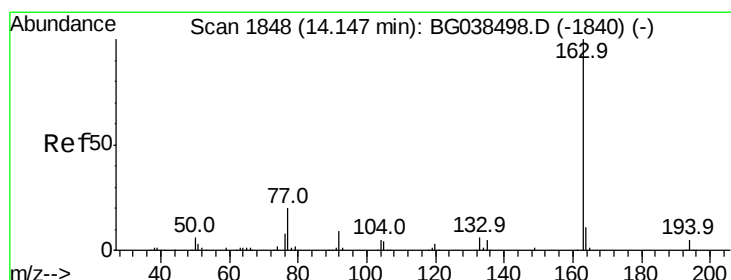
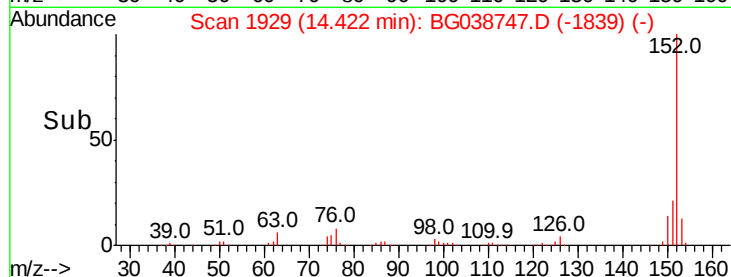
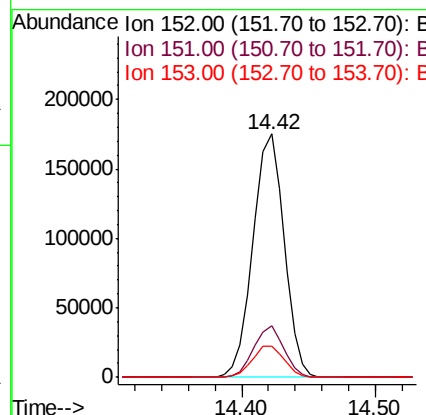
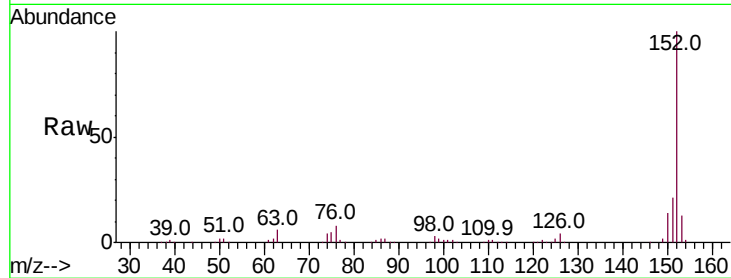
ClientSampleId :

PB115763BS

Tot Ion:	152	Resp:	282382
Ion Ratio	Lower	Upper	
152	100		
151	21.3	16.4	24.6
153	12.7	10.4	15.6

Manual Integrations
APPROVED

Sohil
12/20/2018 1:06:51 PM



#50

Dimethylphthalate

Concen: 43.495 ng

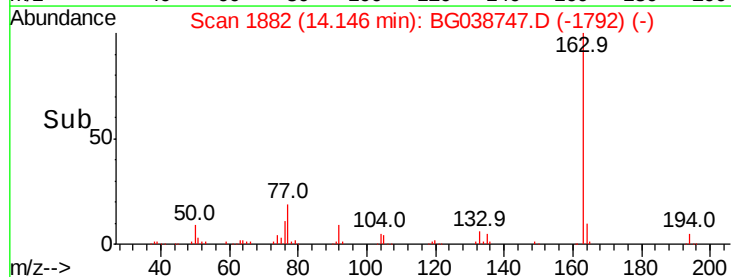
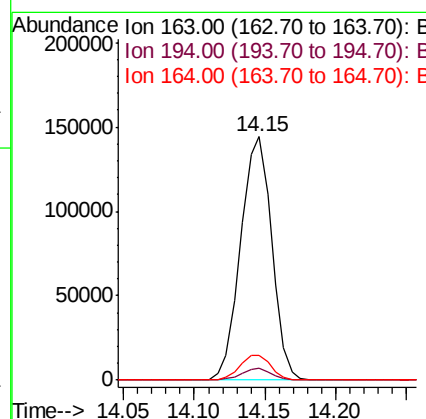
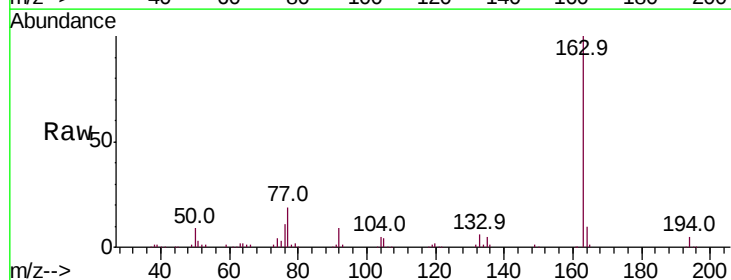
RT: 14.15 min Scan# 1882

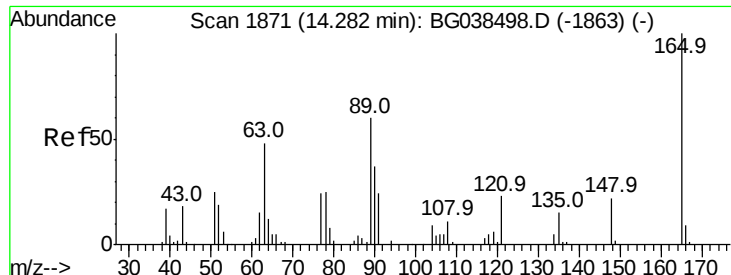
Delta R.T. -0.00 min

Lab File: BG038747.D

Acq: 20 Dec 2018 4:19

Tgt Ion:	163	Resp:	222783
Ion Ratio	Lower	Upper	
163	100		
194	4.7	3.7	5.5
164	10.1	8.6	12.8





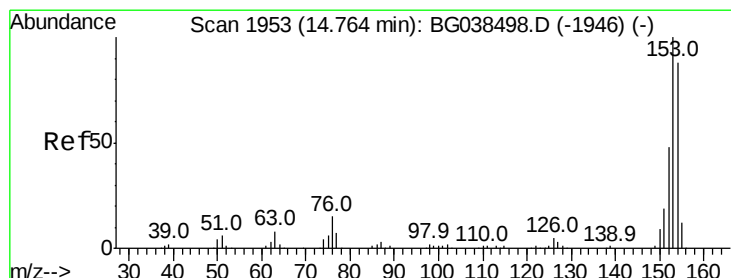
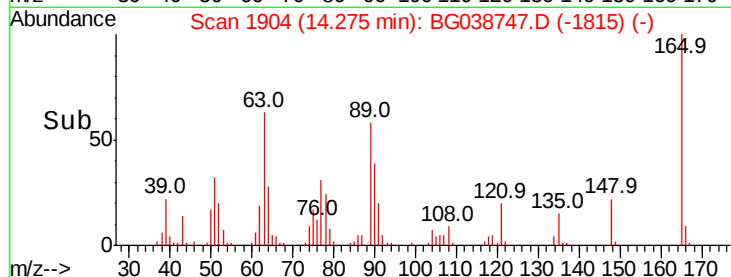
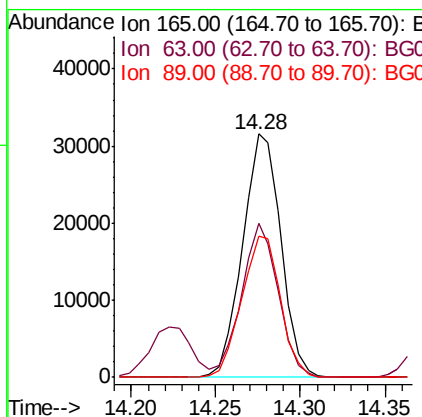
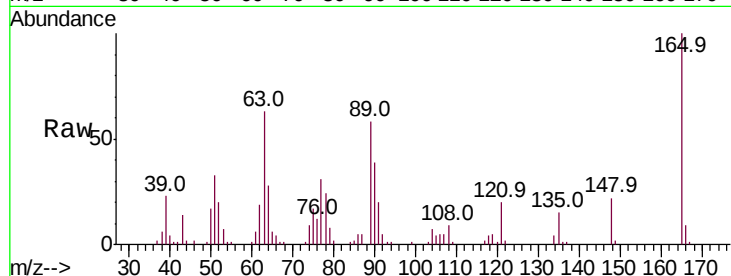
#51
 2,6-Dinitrotoluene
 Concen: 42.814 ng
 RT: 14.28 min Scan# 1904
 Delta R.T. -0.01 min
 Lab File: BG038747.D
 Acq: 20 Dec 2018 4:19

Instrument :
 BNA_G
 ClientSampleId :
 PB115763BS

Tot Ion:	165	Resp:	49697
Ion Ratio	Lower	Upper	
165	100		
63	63.4	51.8	77.6
89	58.2	47.9	71.9

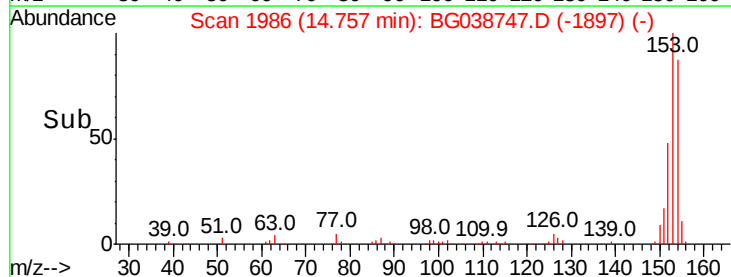
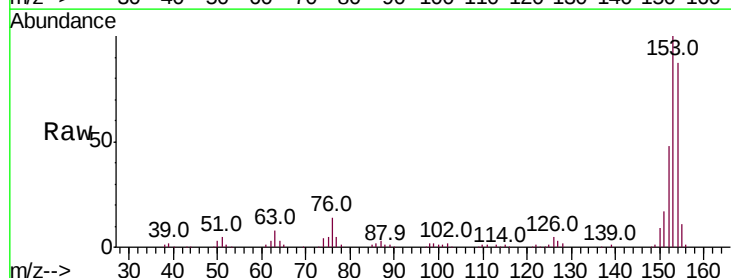
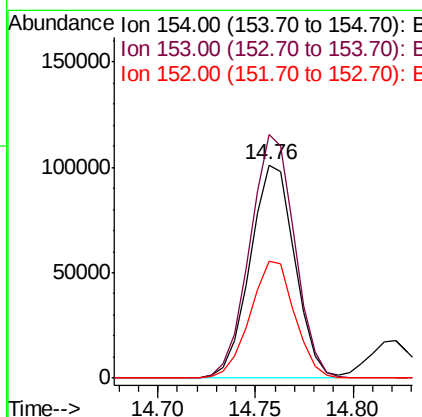
Manual Integrations
 APPROVED

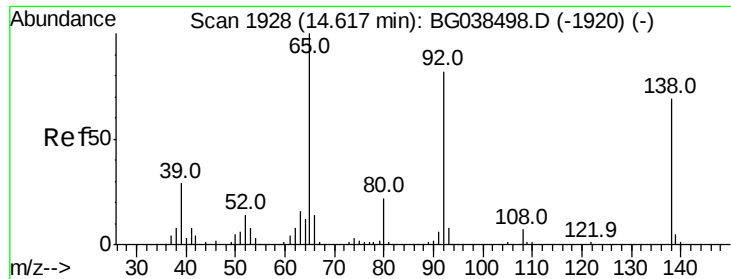
Sohil
 12/20/2018 1:06:51 PM



#52
 Acenaphthene
 Concen: 44.232 ng
 RT: 14.76 min Scan# 1986
 Delta R.T. -0.01 min
 Lab File: BG038747.D
 Acq: 20 Dec 2018 4:19

Tgt Ion:	154	Resp:	160598
Ion Ratio	Lower	Upper	
154	100		
153	114.3	90.6	136.0
152	54.9	43.5	65.3





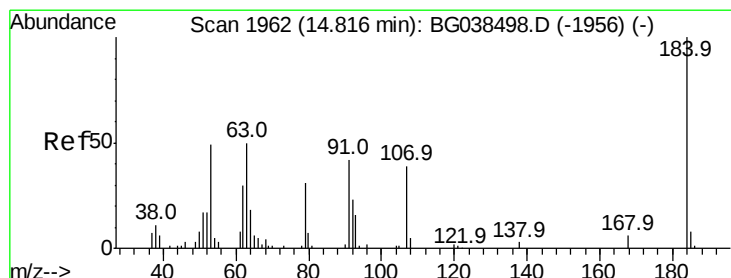
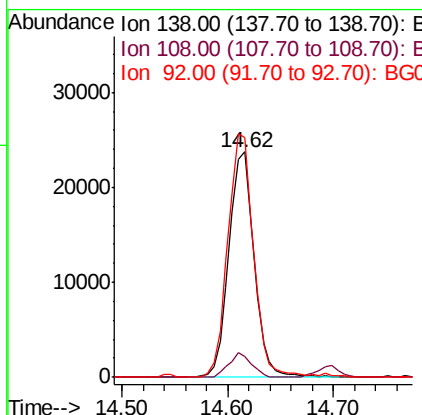
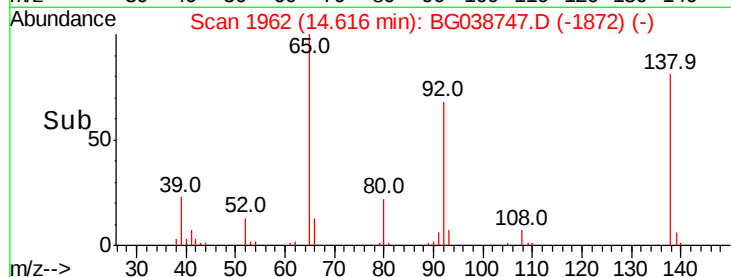
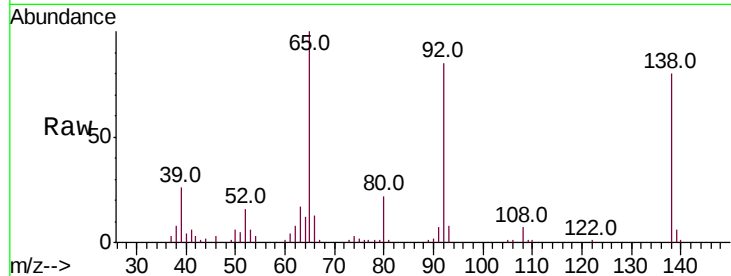
#53
3-Nitroaniline
Concen: 33.118 ng
RT: 14.62 min Scan# 1962
Delta R.T. -0.00 min
Lab File: BG038747.D
Acq: 20 Dec 2018 4:19

Instrument :
BNA_G
ClientSampleId :
PB115763BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.4	7.9	11.9
92	106.6	95.3	142.9

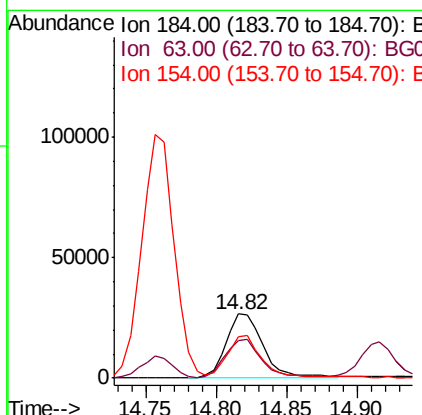
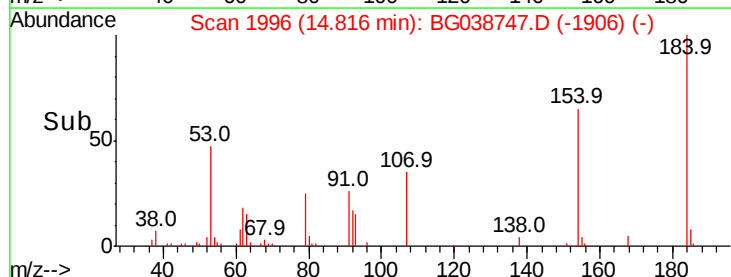
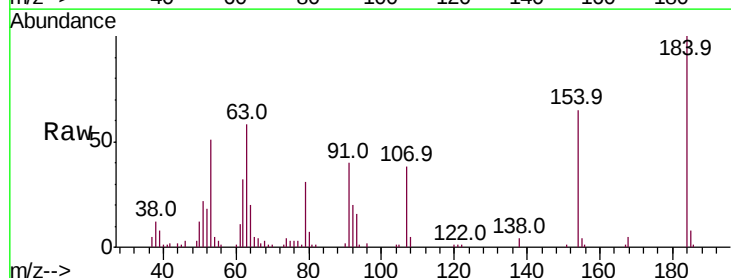
Manual Integrations
APPROVED

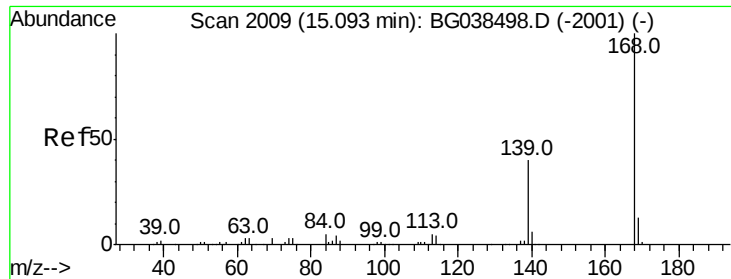
Sohil
12/20/2018 1:06:51 PM



#54
2,4-Dinitrophenol
Concen: 71.584 ng
RT: 14.82 min Scan# 1996
Delta R.T. -0.00 min
Lab File: BG038747.D
Acq: 20 Dec 2018 4:19

Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.9	47.0	70.6
154	64.6	50.3	75.5





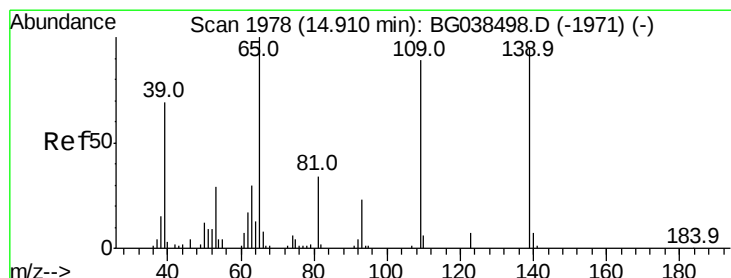
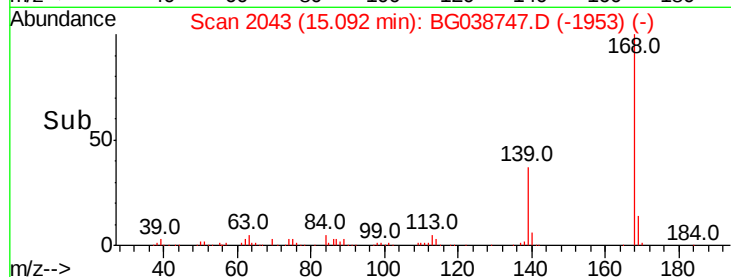
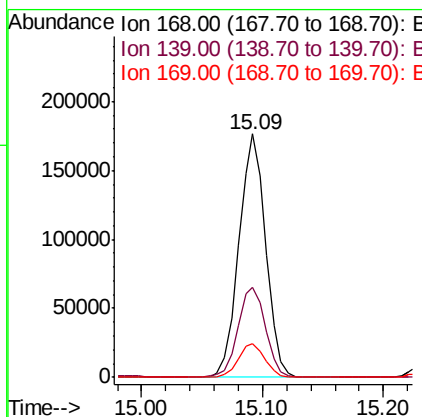
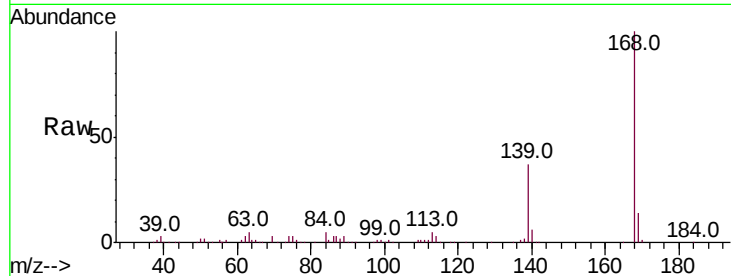
#55
Dibenzofuran
Concen: 43.563 ng
RT: 15.09 min Scan# 2043
Delta R.T. -0.00 min
Lab File: BG038747.D
Acq: 20 Dec 2018 4:19

Instrument :
BNA_G
ClientSampleId :
PB115763BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.2	32.2	48.2
169	13.7	10.6	16.0

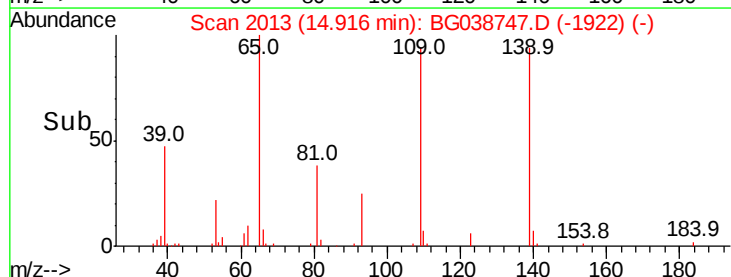
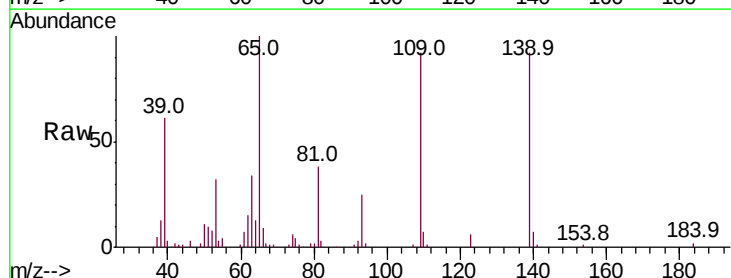
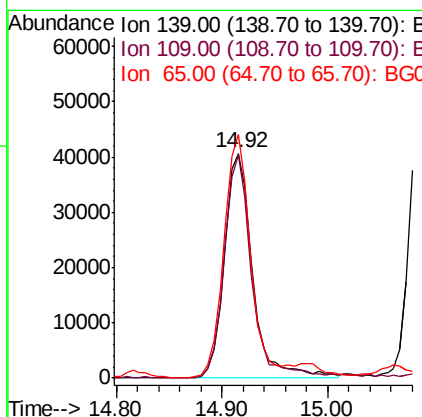
Manual Integrations
APPROVED

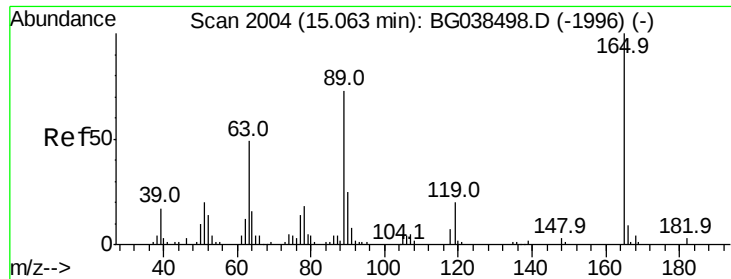
Sohil
12/20/2018 1:06:51 PM



#56
4-Nitrophenol
Concen: 83.582 ng
RT: 14.92 min Scan# 2013
Delta R.T. 0.01 min
Lab File: BG038747.D
Acq: 20 Dec 2018 4:19

Tgt Ion	Ratio	Lower	Upper
139	100		
109	99.6	73.6	113.6
65	108.4	84.8	124.8





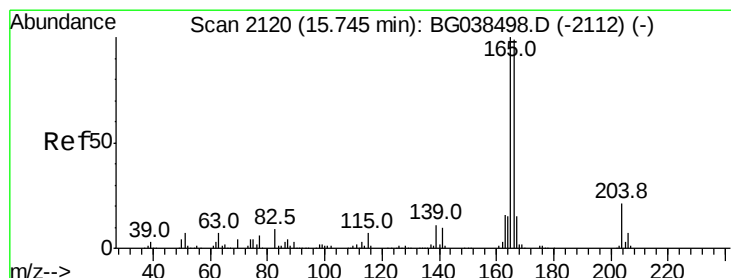
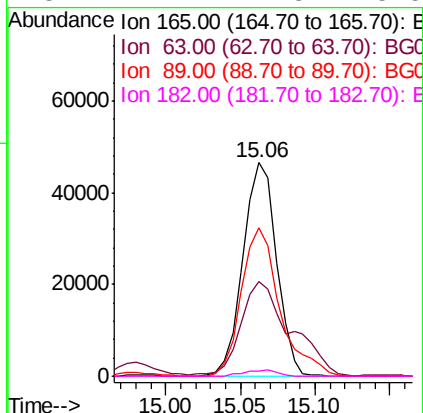
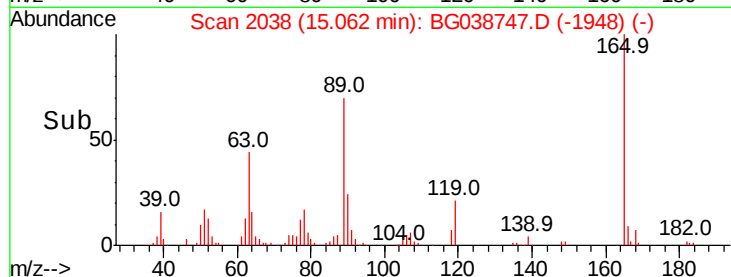
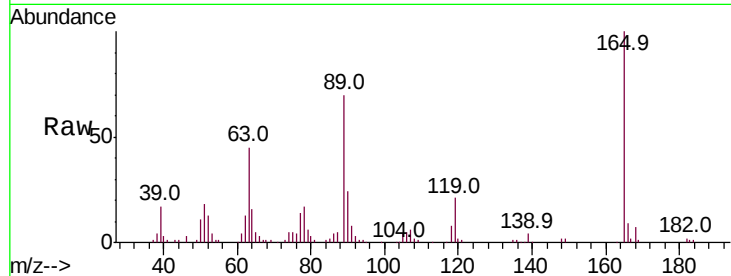
#57
2,4-Dinitrotoluene
Concen: 44.192 ng
RT: 15.06 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BG038747.D
Acq: 20 Dec 2018 4:19

Instrument :
BNA_G
ClientSampleId :
PB115763BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	44.7	39.0	58.4	
89	69.8	58.0	87.0	
182	2.4	2.3	3.5	

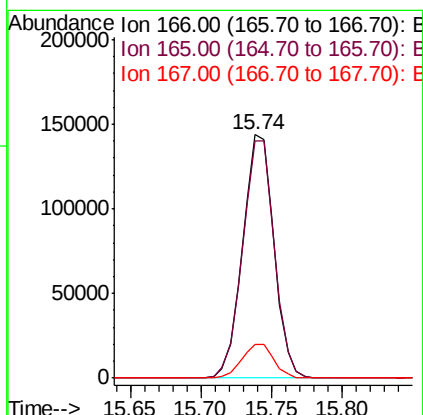
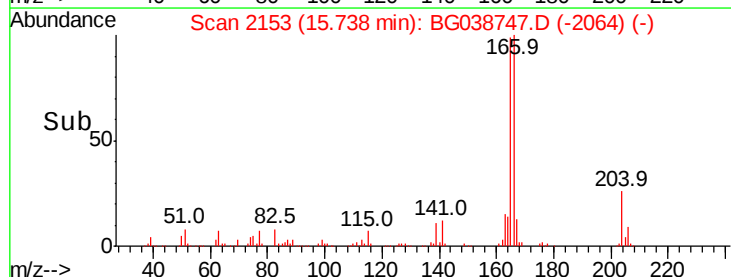
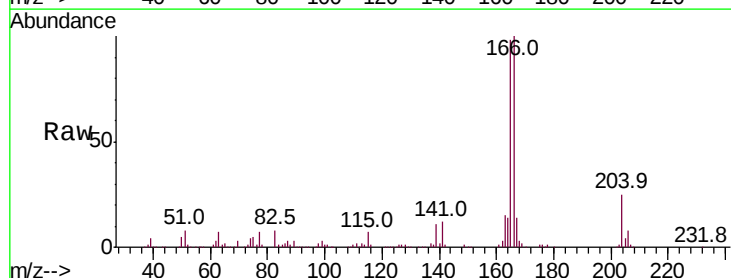
Manual Integrations
APPROVED

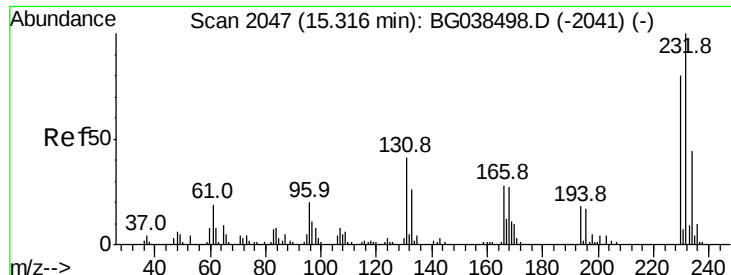
Sohil
12/20/2018 1:06:51 PM



#58
Fluorene
Concen: 48.366 ng
RT: 15.74 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BG038747.D
Acq: 20 Dec 2018 4:19

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	97.7	80.6	120.8	
167	13.7	12.0	18.0	





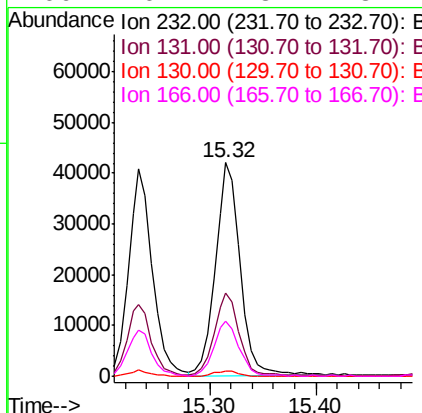
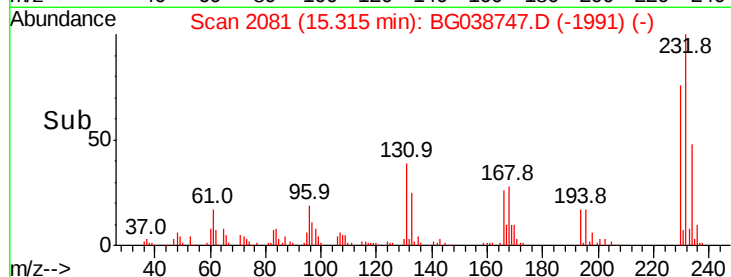
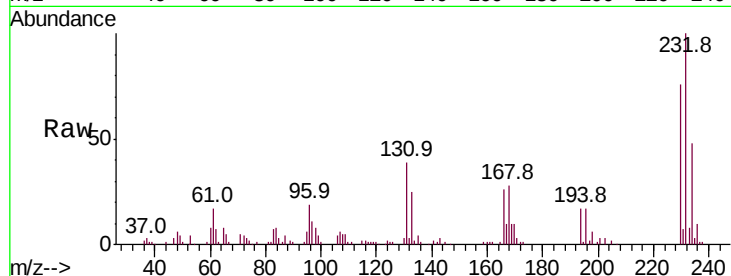
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.011 ng
 RT: 15.32 min Scan# 2081
 Delta R.T. -0.00 min
 Lab File: BG038747.D
 Acq: 20 Dec 2018 4:19

Instrument :
 BNA_G
 ClientSampleId :
 PB115763BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	68675		
131	38.7		33.0	49.4
130	2.4		2.0	3.0
166	26.7		23.1	34.7

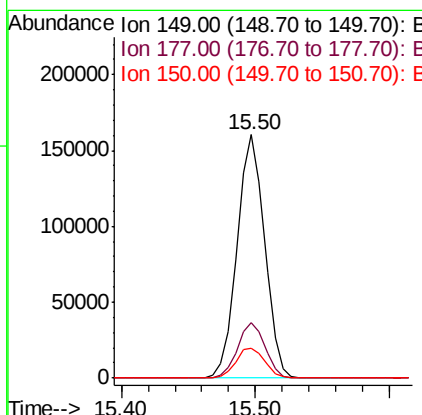
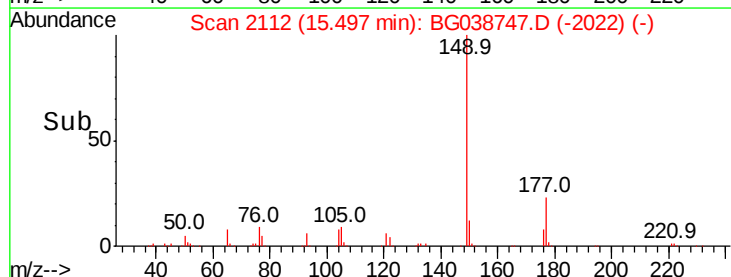
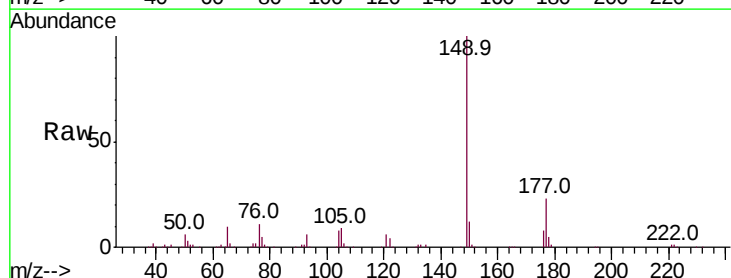
Manual Integrations
 APPROVED

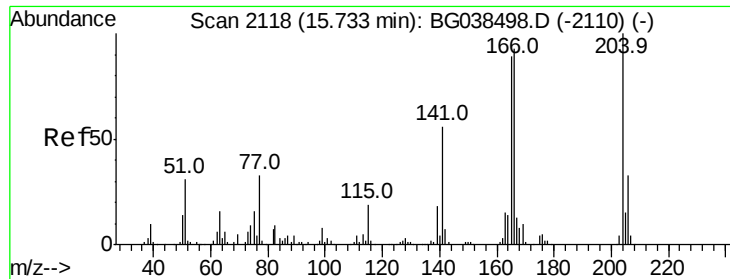
Sohil
 12/20/2018 1:06:51 PM



#60
 Diethylphthalate
 Concen: 40.622 ng
 RT: 15.50 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: BG038747.D
 Acq: 20 Dec 2018 4:19

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	228414		
177	22.7		17.7	26.5
150	12.5		9.9	14.9





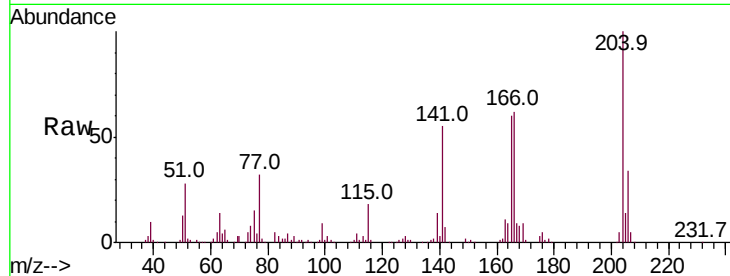
#61
4-Chlorophenyl-phenylether
Concen: 43.320 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BG038747.D
Acq: 20 Dec 2018 4:19

Instrument :
BNA_G
ClientSampled :
PB115763BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.8	26.0	39.0
141	55.0	44.4	66.6

Manual Integrations
APPROVED

Sohil
12/20/2018 1:06:51 PM

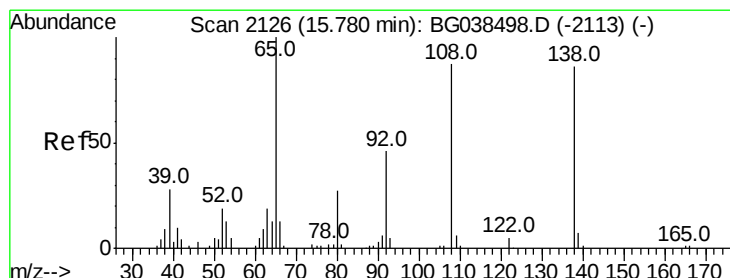
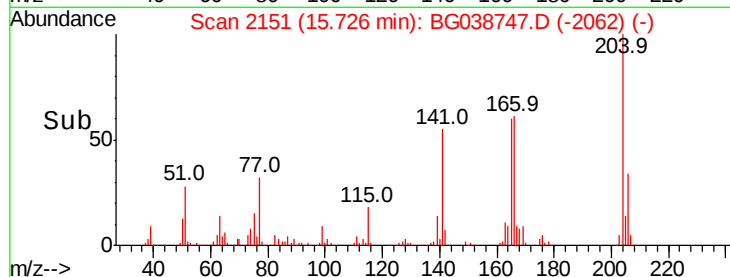
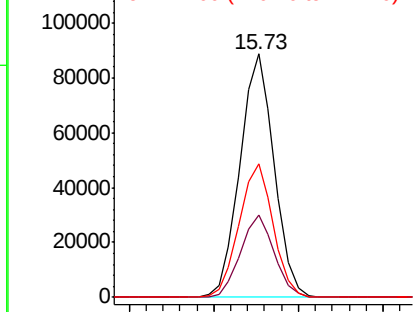


Abundance

Ion 204.00 (203.70 to 204.70): E

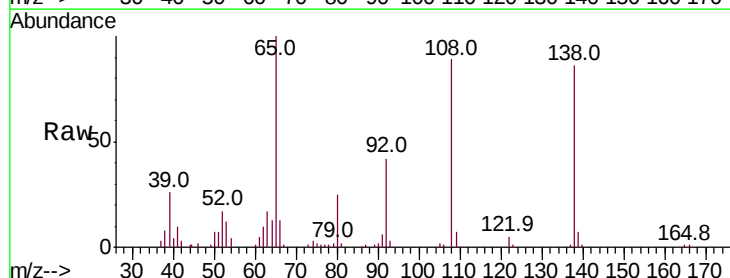
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 45.476 ng
RT: 15.78 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BG038747.D
Acq: 20 Dec 2018 4:19

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.5	33.3	73.3
108	103.4	81.4	121.4

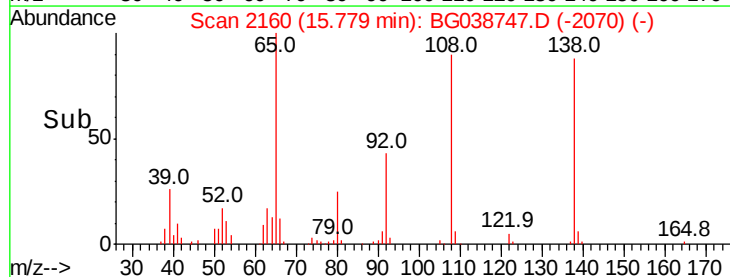
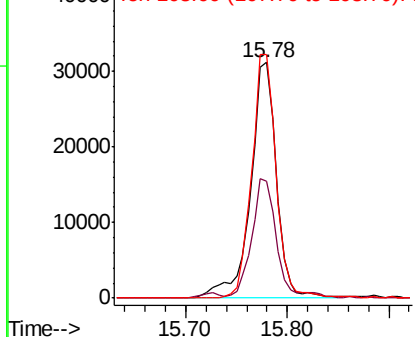


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





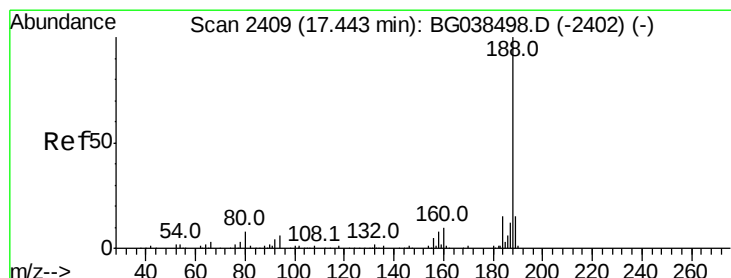
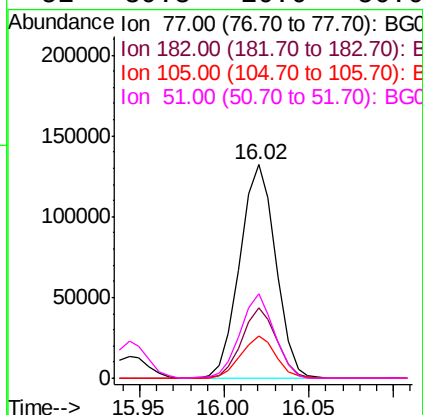
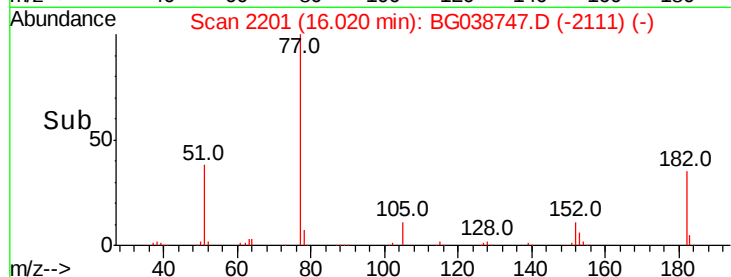
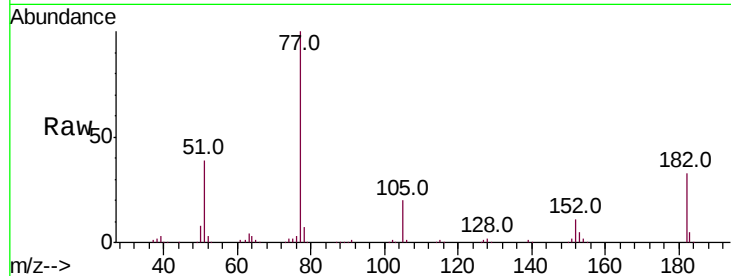
#63
Azobenzene
Concen: 41.816 ng
RT: 16.02 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BG038747.D
Acq: 20 Dec 2018 4:19

Instrument :
BNA_G
ClientSampleId :
PB115763BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	33.2	8.7	48.7
105	19.9	0.0	38.7
51	39.3	16.6	56.6

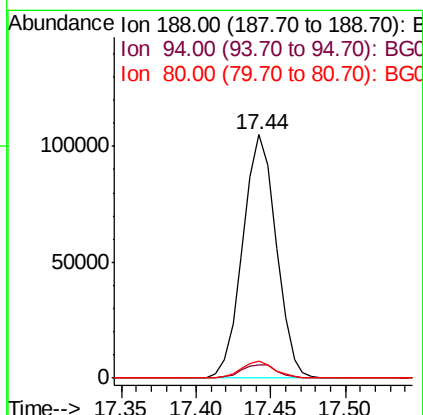
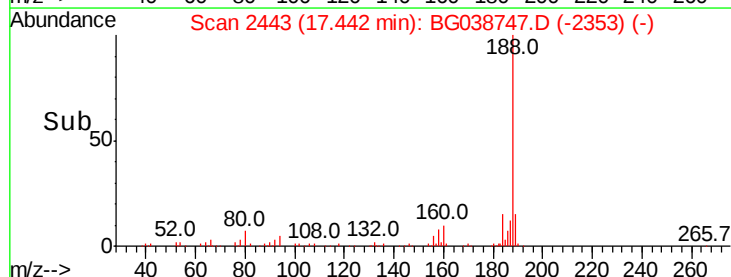
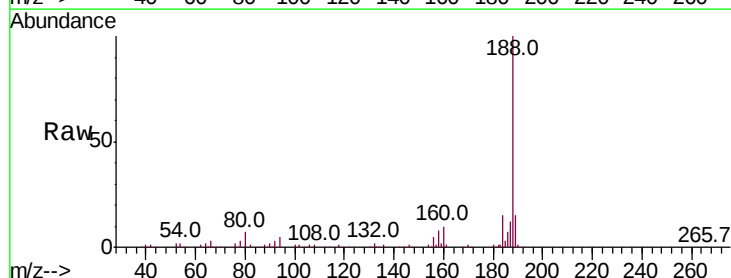
Manual Integrations
APPROVED

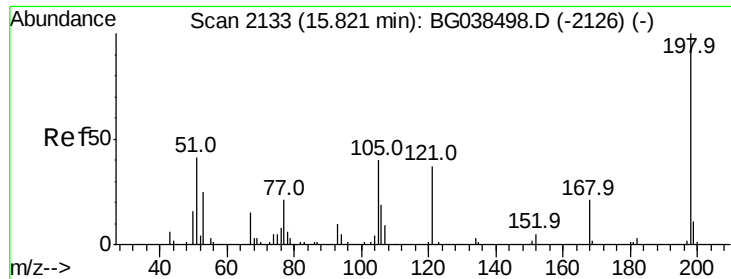
Sohil
12/20/2018 1:06:51 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038747.D
Acq: 20 Dec 2018 4:19

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.3	5.1	7.7
80	7.1	6.1	9.1





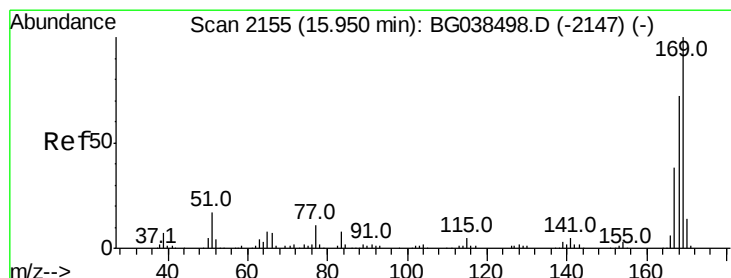
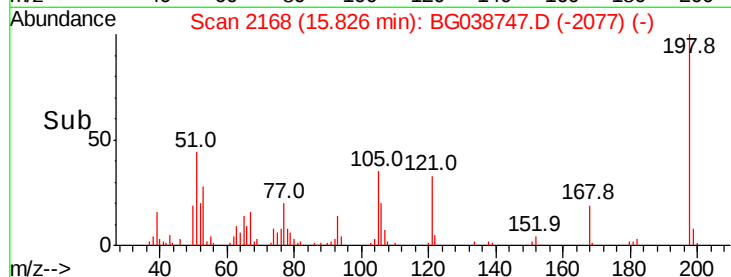
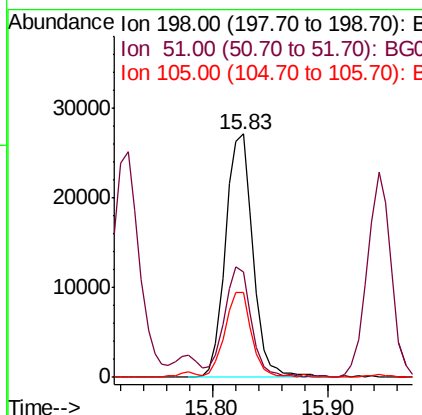
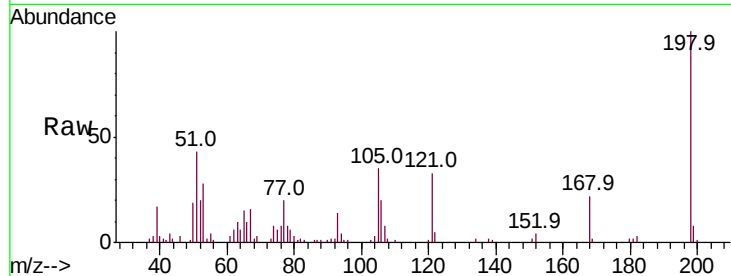
#65
 4,6-Dinitro-2-methylphenol
 Concen: 38.142 ng
 RT: 15.83 min Scan# 2168
 Delta R.T. 0.01 min
 Lab File: BG038747.D
 Acq: 20 Dec 2018 4:19

Instrument :
 BNA_G
 ClientSampleId :
 PB115763BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	44414		
51	43.4	28.6	68.6	
105	34.9	20.4	60.4	

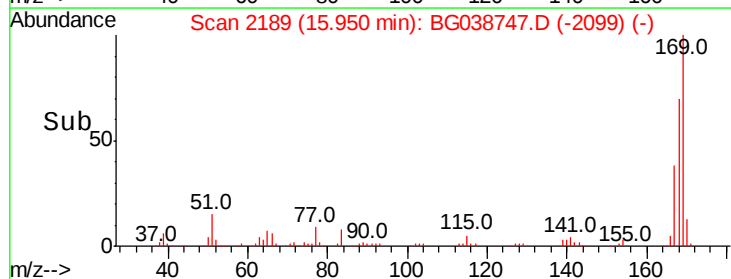
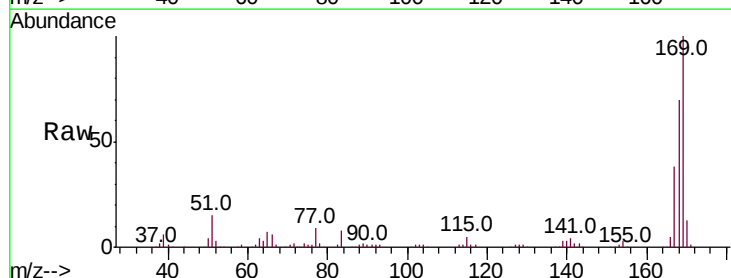
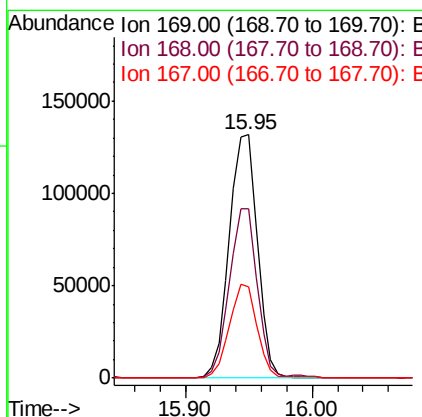
Manual Integrations
 APPROVED

Sohil
 12/20/2018 1:06:51 PM



#66
 n-Nitrosodiphenylamine
 Concen: 42.226 ng
 RT: 15.95 min Scan# 2189
 Delta R.T. -0.00 min
 Lab File: BG038747.D
 Acq: 20 Dec 2018 4:19

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	202521		
168	69.7	57.5	86.3	
167	37.7	30.2	45.2	





#67

4-Bromophenyl-phenylether

Concen: 42.134 ng

RT: 16.63 min Scan# 2304

Delta R.T. -0.00 min

Lab File: BG038747.D

Acq: 20 Dec 2018 4:19

Instrument :

BNA_G

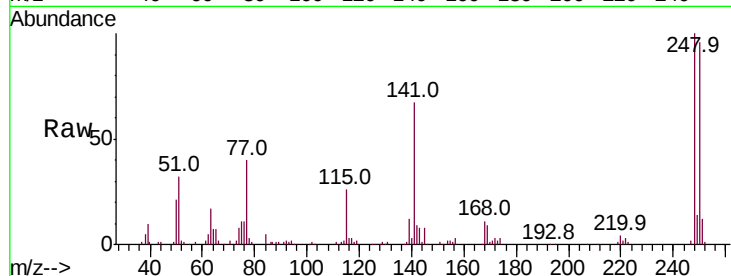
ClientSampleId :

PB115763BS

Tot Ion:	248	Resp:	83995
Ion Ratio	Lower	Upper	
248	100		
250	96.0	73.4	110.2
141	67.1	52.9	79.3

Manual Integrations
APPROVED

Sohil
12/20/2018 1:06:51 PM

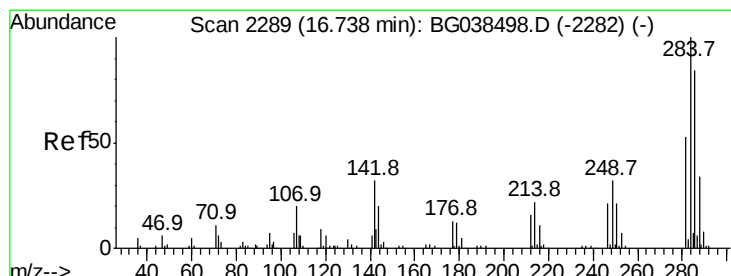
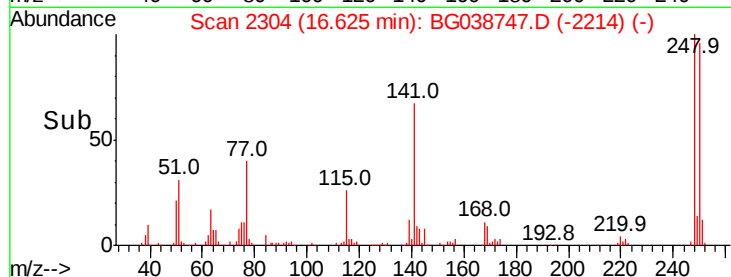
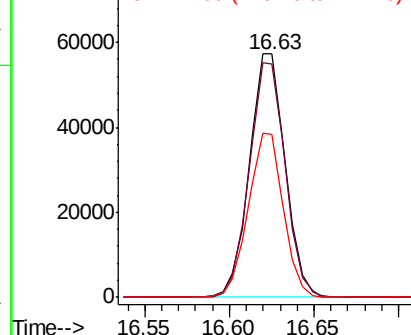


Abundance

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



#68

Hexachlorobenzene

Concen: 42.562 ng

RT: 16.74 min Scan# 2323

Delta R.T. -0.00 min

Lab File: BG038747.D

Acq: 20 Dec 2018 4:19

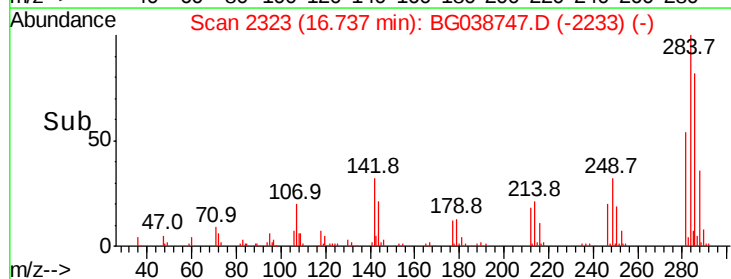
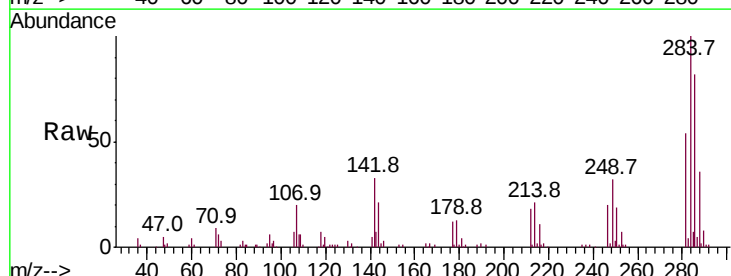
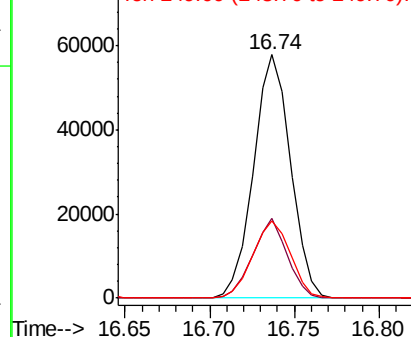
Tgt Ion:	284	Resp:	87955
Ion Ratio	Lower	Upper	
284	100		
142	32.6	25.8	38.6
249	34.5	27.0	40.4

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





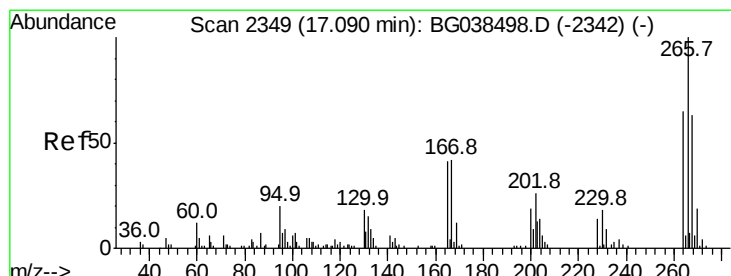
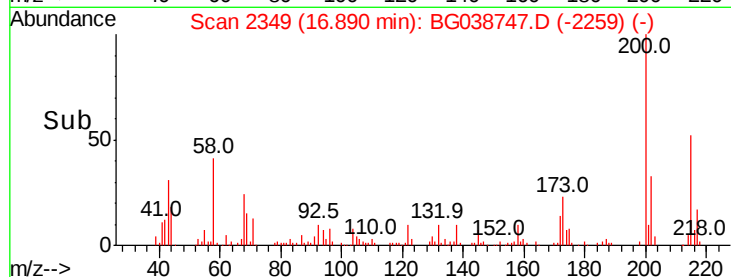
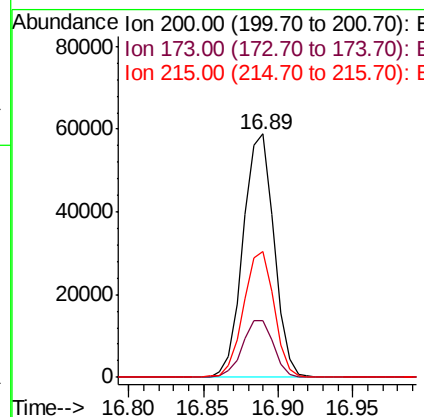
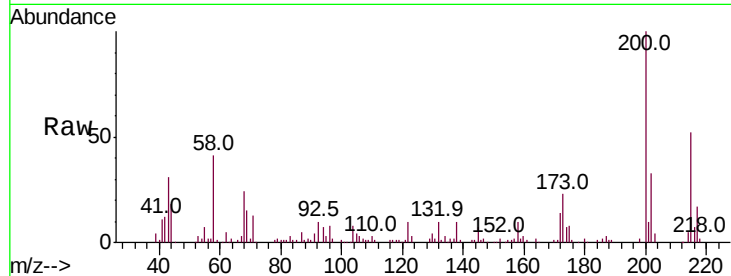
#69
 Atrazine
 Concen: 47.412 ng
 RT: 16.89 min Scan# 2349
 Delta R.T. -0.00 min
 Lab File: BG038747.D
 Acq: 20 Dec 2018 4:19

Instrument :
 BNA_G
 ClientSampleId :
 PB115763BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.4	5.9	45.9
215	51.7	33.1	73.1

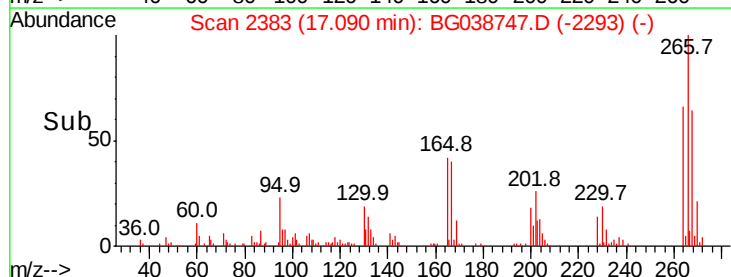
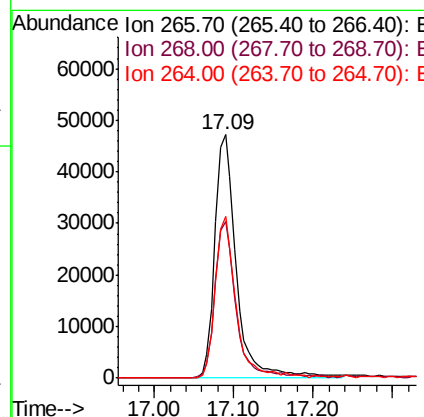
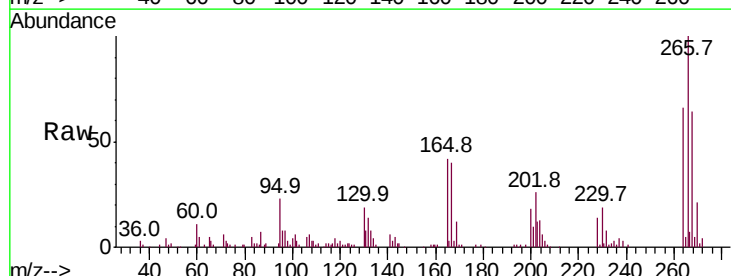
Manual Integrations
 APPROVED

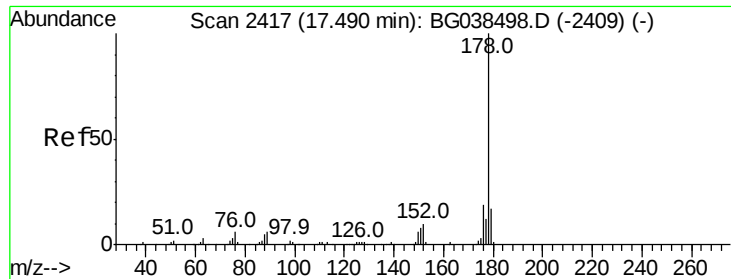
Sohil
 12/20/2018 1:06:51 PM



#70
 Pentachlorophenol
 Concen: 73.637 ng
 RT: 17.09 min Scan# 2383
 Delta R.T. -0.00 min
 Lab File: BG038747.D
 Acq: 20 Dec 2018 4:19

Tgt Ion	Ratio	Lower	Upper
266	100		
268	69.3	55.0	82.6
264	71.6	56.7	85.1





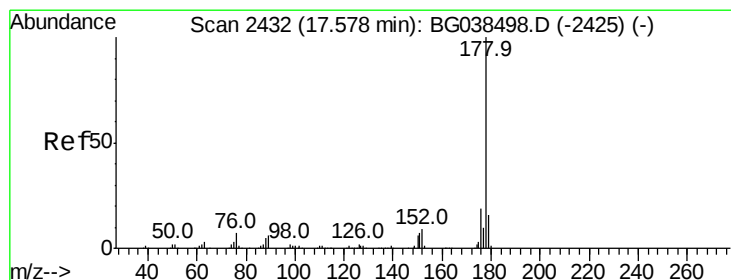
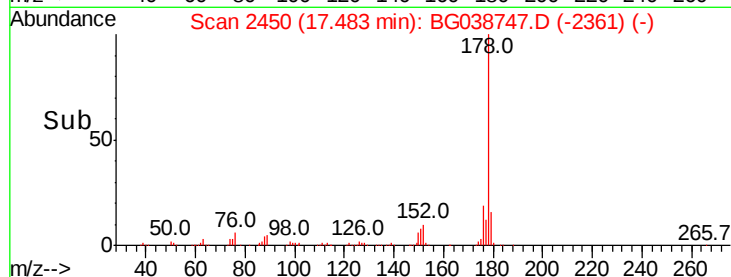
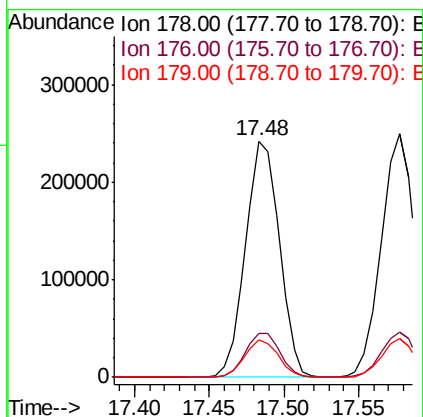
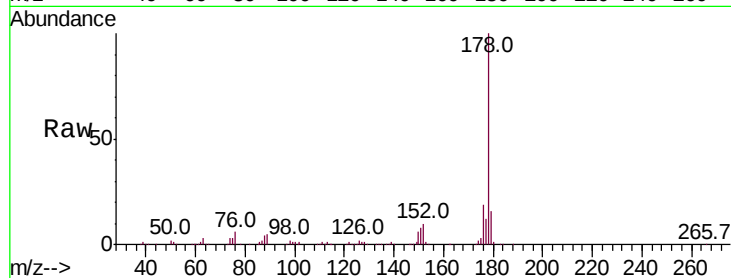
#71
Phenanthrene
Concen: 45.030 ng
RT: 17.48 min Scan# 2450
Delta R.T. -0.01 min
Lab File: BG038747.D
Acq: 20 Dec 2018 4:19

Instrument :
BNA_G
ClientSampleId :
PB115763BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.1	22.7
179	16.1	13.2	19.8

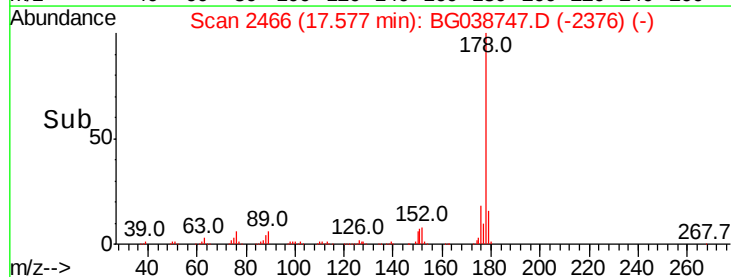
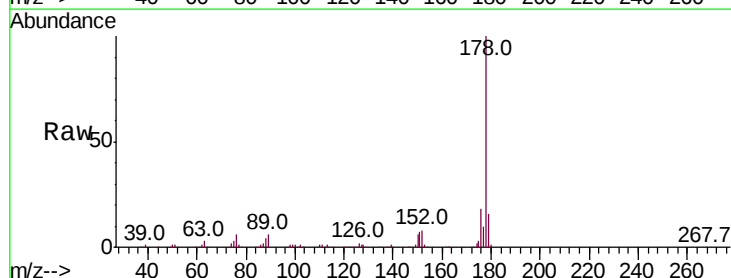
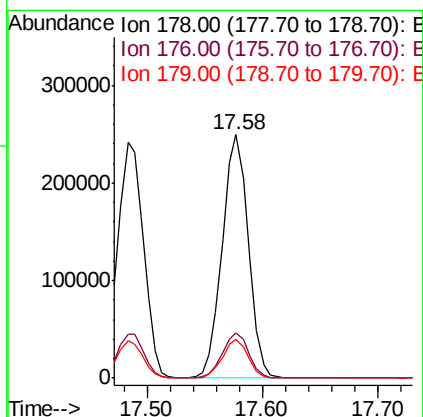
Manual Integrations
APPROVED

Sohil
12/20/2018 1:06:51 PM



#72
Anthracene
Concen: 46.655 ng
RT: 17.58 min Scan# 2466
Delta R.T. -0.00 min
Lab File: BG038747.D
Acq: 20 Dec 2018 4:19

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.1	22.7
179	16.0	12.9	19.3





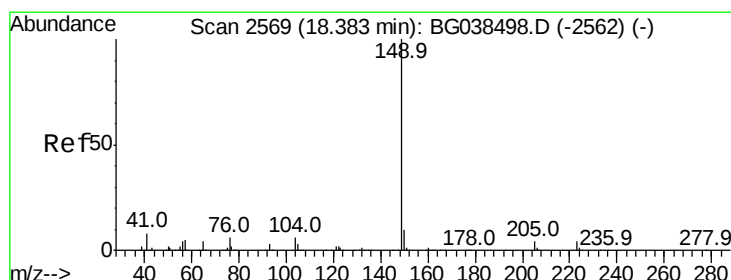
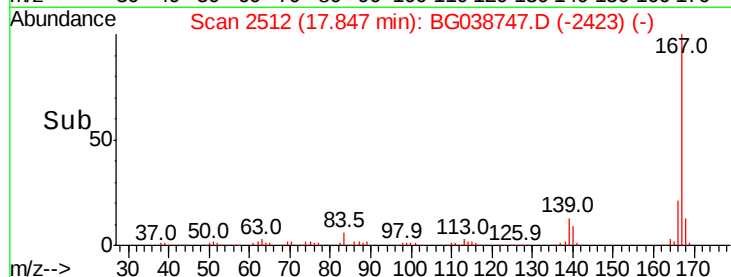
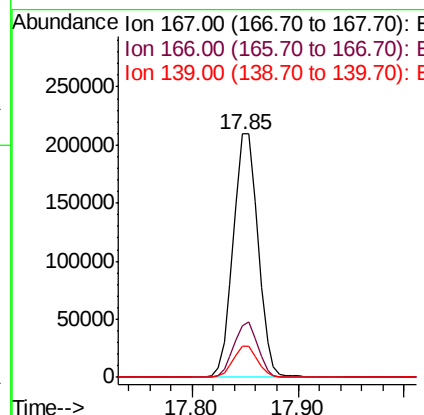
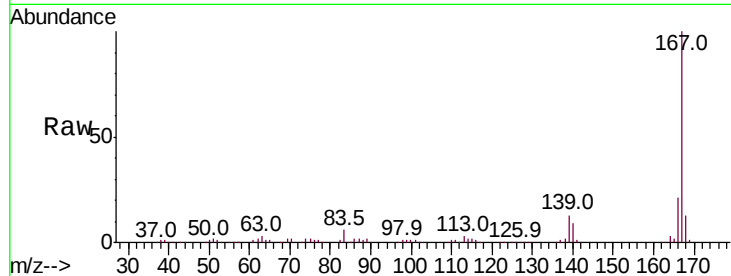
#73
 Carbazole
 Concen: 41.210 ng
 RT: 17.85 min Scan# 2512
 Delta R.T. -0.01 min
 Lab File: BG038747.D
 Acq: 20 Dec 2018 4:19

Instrument :
 BNA_G
 ClientSampleId :
 PB115763BS

Tot Ion	Ratio	Resp Lower	Upper
167	100		
166	21.1	17.9	26.9
139	13.0	10.2	15.2

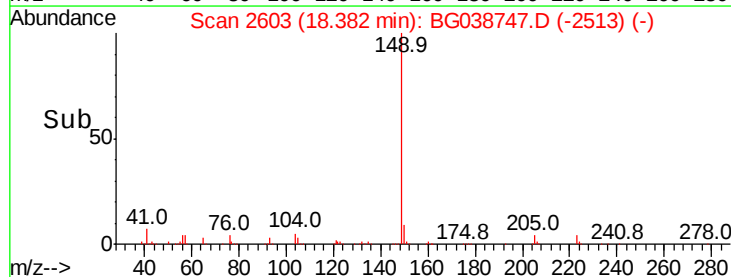
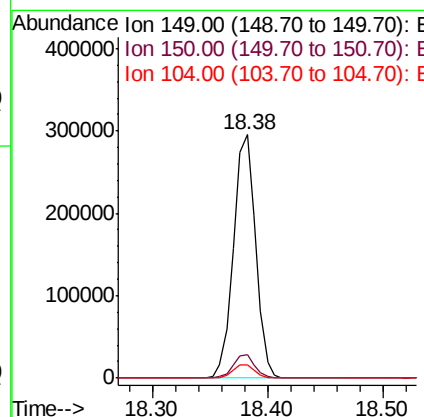
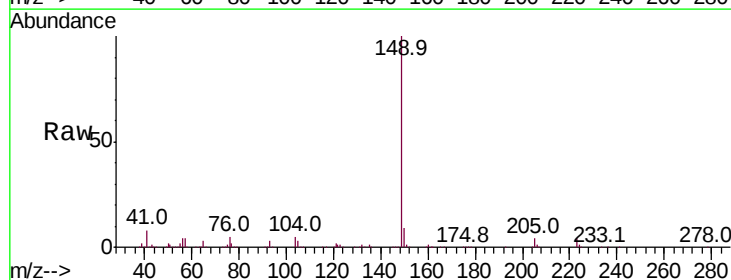
Manual Integrations
 APPROVED

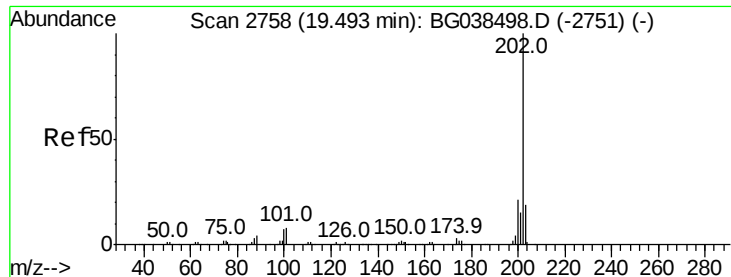
Sohil
 12/20/2018 1:06:51 PM



#74
 Di-n-butylphthalate
 Concen: 41.219 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. -0.00 min
 Lab File: BG038747.D
 Acq: 20 Dec 2018 4:19

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
150	9.4	7.6	11.4
104	5.2	5.0	7.4





#75

Fluoranthene

Concen: 43.035 ng

RT: 19.49 min Scan# 2792

Delta R.T. -0.00 min

Lab File: BG038747.D

Acq: 20 Dec 2018 4:19

Instrument :

BNA_G

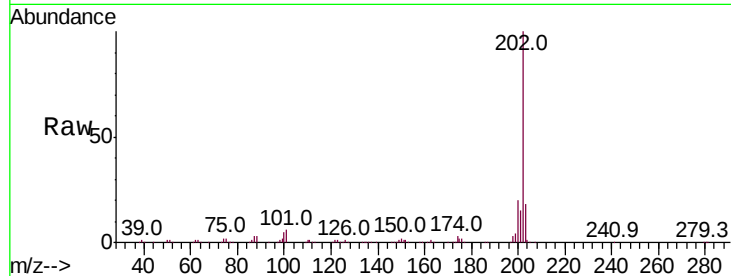
ClientSampleId :

PB115763BS

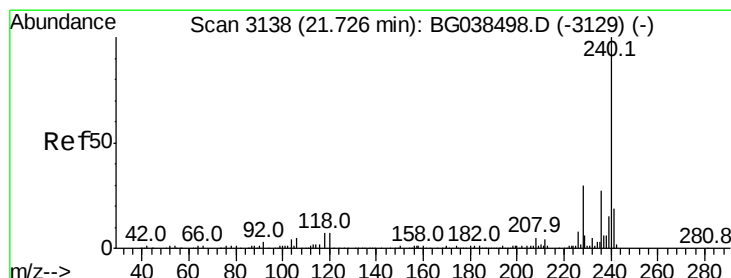
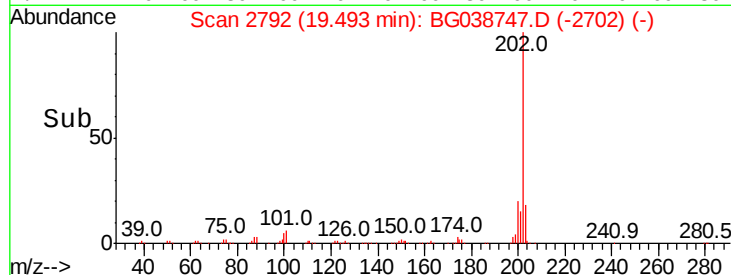
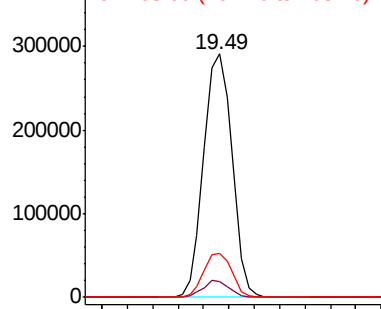
Tot Ion:	202	Resp:	450716
Ion Ratio	Lower	Upper	
202	100		
101	6.4	0.0	28.1
203	18.0	0.0	39.0

Manual Integrations
APPROVED

Sohil
12/20/2018 1:06:51 PM



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.73 min Scan# 3172

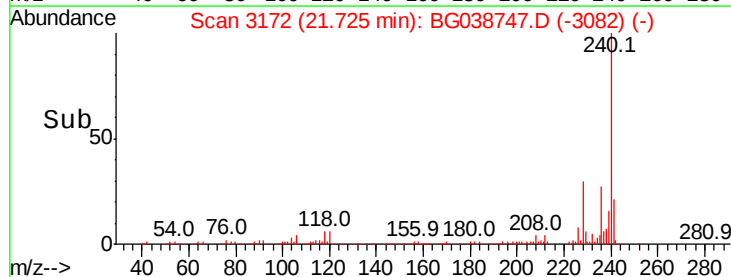
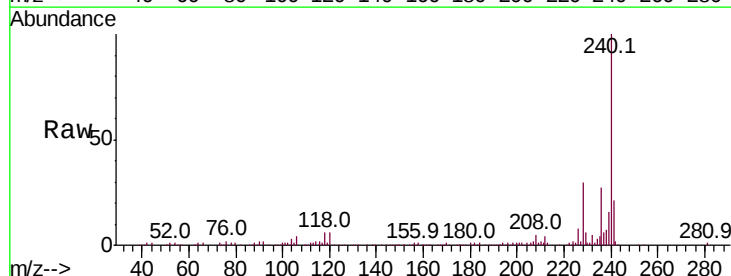
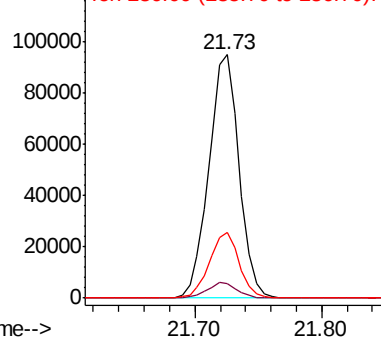
Delta R.T. -0.00 min

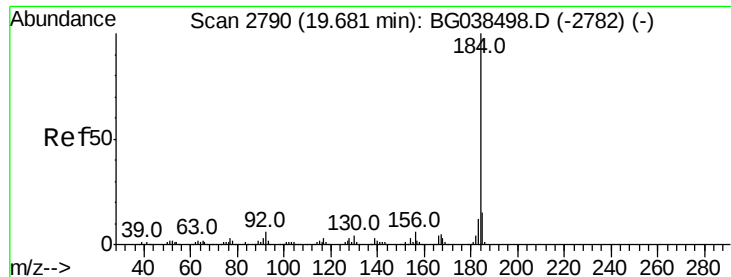
Lab File: BG038747.D

Acq: 20 Dec 2018 4:19

Tgt Ion:	240	Resp:	156588
Ion Ratio	Lower	Upper	
240	100		
120	6.0	5.3	7.9
236	26.9	21.4	32.2

Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 45.239 ng

RT: 19.67 min Scan# 2823

Delta R.T. -0.01 min

Lab File: BG038747.D

Acq: 20 Dec 2018 4:19

Instrument :

BNA_G

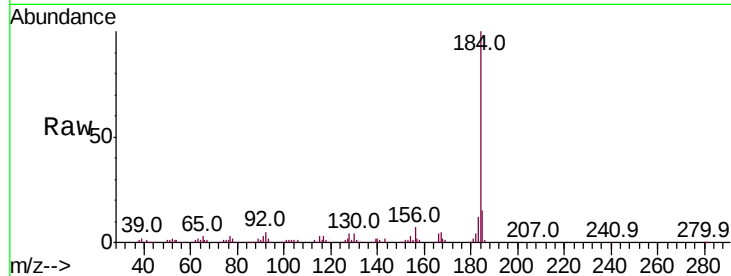
ClientSampleId :

PB115763BS

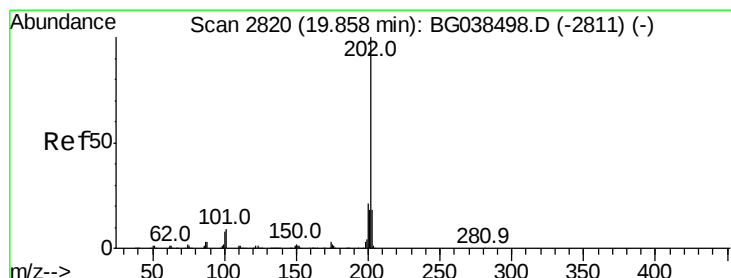
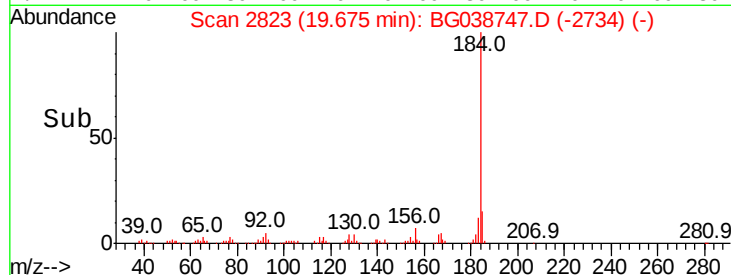
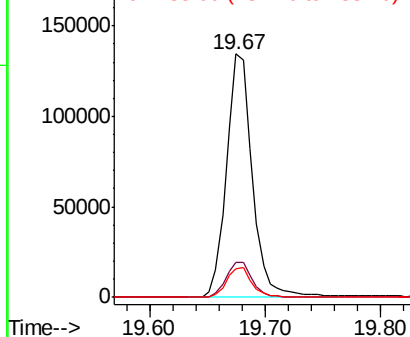
Tot Ion:	184	Resp:	209501
Ion Ratio	Lower	Upper	
184	100		
185	14.5	12.2	18.2
183	11.7	9.6	14.4

Manual Integrations
APPROVED

Sohil
12/20/2018 1:06:51 PM



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.443 ng

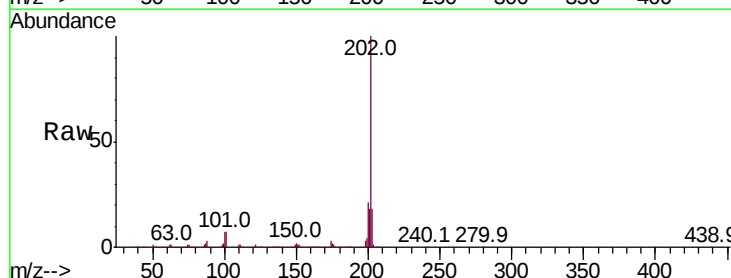
RT: 19.86 min Scan# 2854

Delta R.T. -0.00 min

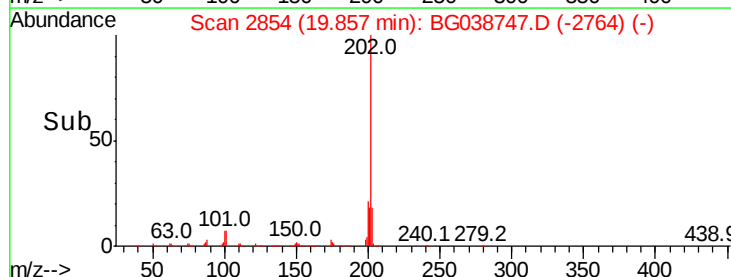
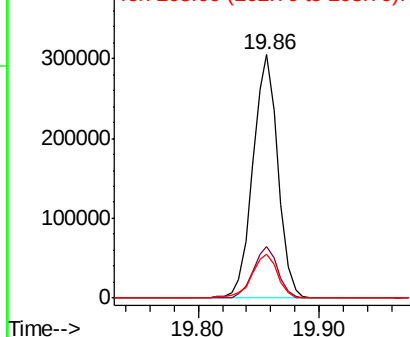
Lab File: BG038747.D

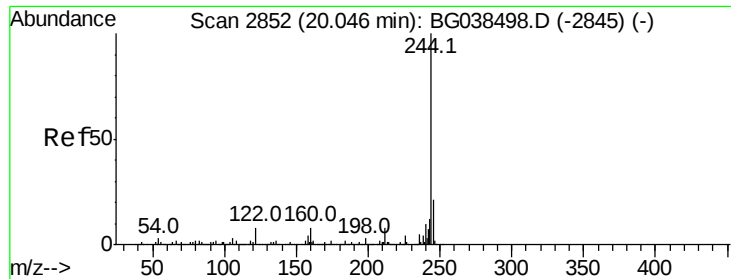
Acq: 20 Dec 2018 4:19

Tgt Ion:	202	Resp:	439058
Ion Ratio	Lower	Upper	
202	100		
200	21.1	16.6	25.0
203	18.0	14.6	21.8



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





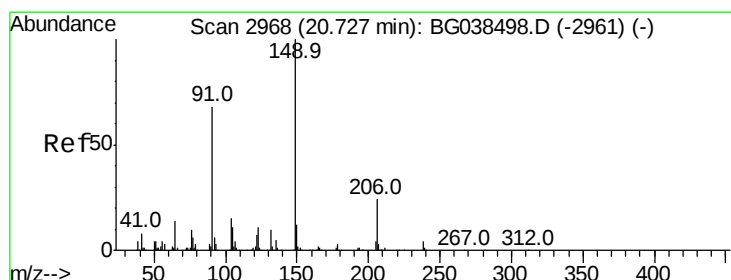
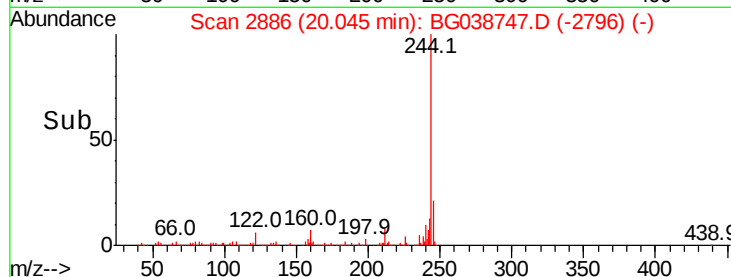
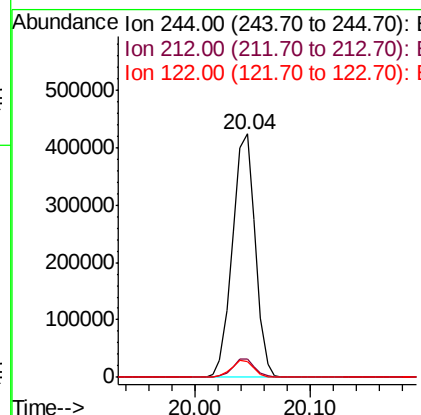
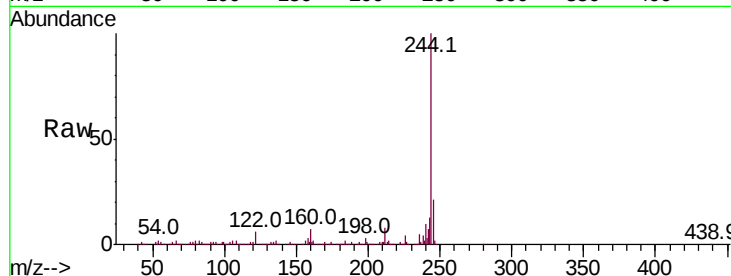
#79
 Terphenyl-d14
 Concen: 80.382 ng
 RT: 20.04 min Scan# 2886
 Delta R.T. -0.00 min
 Lab File: BG038747.D
 Acq: 20 Dec 2018 4:19

Instrument :
 BNA_G
 ClientSampleId :
 PB115763BS

Tot Ion	Ratio	Resp Lower	Upper
244	100		
212	7.7	6.2	9.2
122	6.3	6.3	9.5#

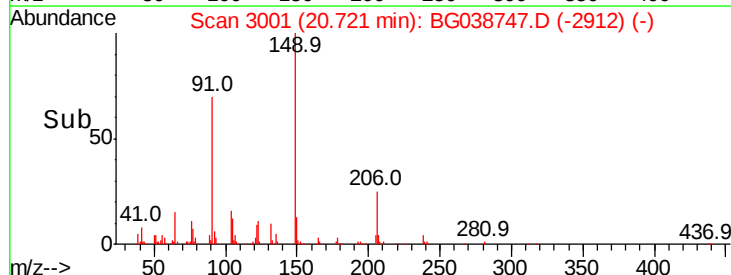
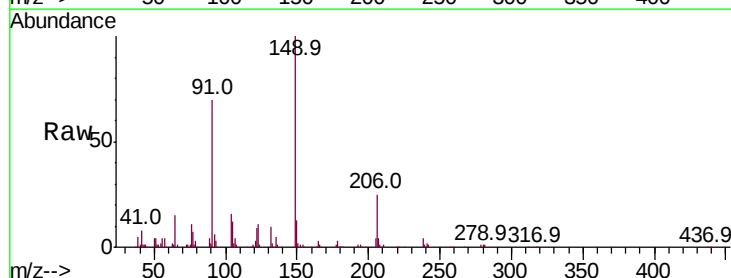
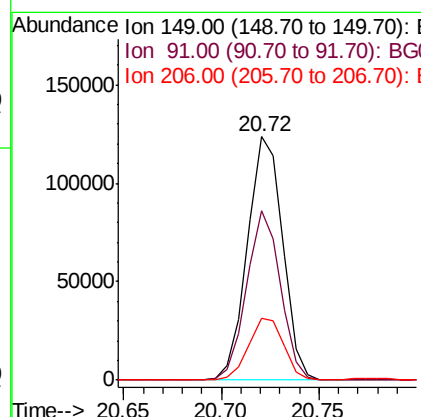
Manual Integrations
 APPROVED

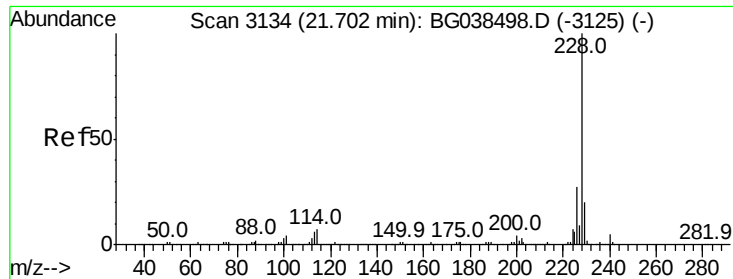
Sohil
 12/20/2018 1:06:51 PM



#80
 Butylbenzylphthalate
 Concen: 38.480 ng
 RT: 20.72 min Scan# 3001
 Delta R.T. -0.01 min
 Lab File: BG038747.D
 Acq: 20 Dec 2018 4:19

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
91	69.6	54.5	81.7
206	25.2	19.0	28.6





#81

Benzo(a)anthracene

Concen: 46.053 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.00 min

Lab File: BG038747.D

Acq: 20 Dec 2018 4:19

Instrument :

BNA_G

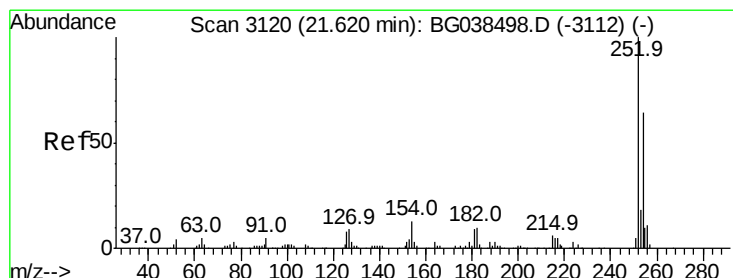
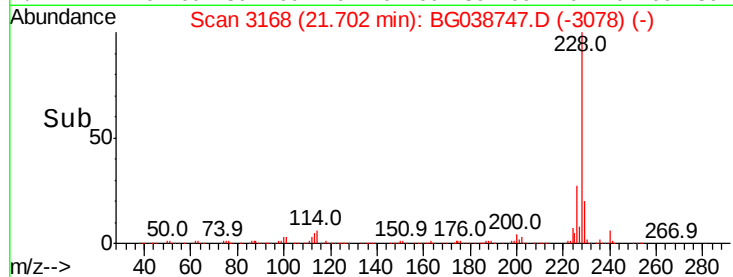
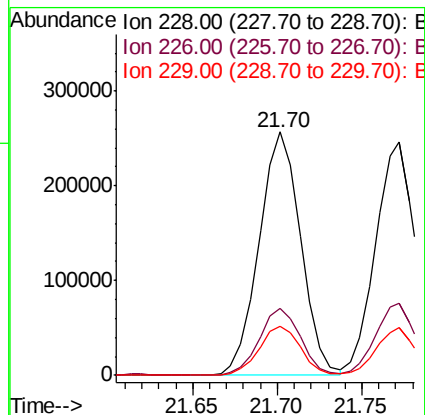
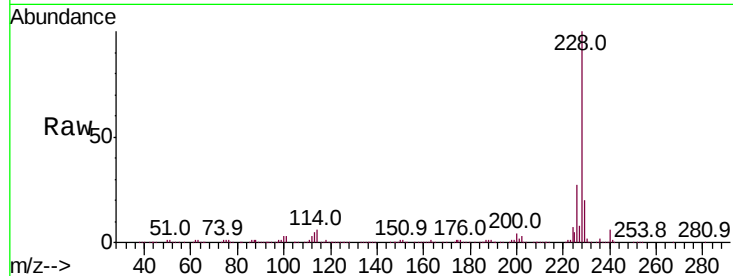
ClientSampleId :

PB115763BS

Tot Ion:	228	Resp:	439424
Ion Ratio	Lower	Upper	
228	100		
226	27.4	21.8	32.8
229	20.0	15.8	23.6

Manual Integrations
APPROVED

Sohil
12/20/2018 1:06:51 PM



#82

3,3'-Dichlorobenzidine

Concen: 30.907 ng

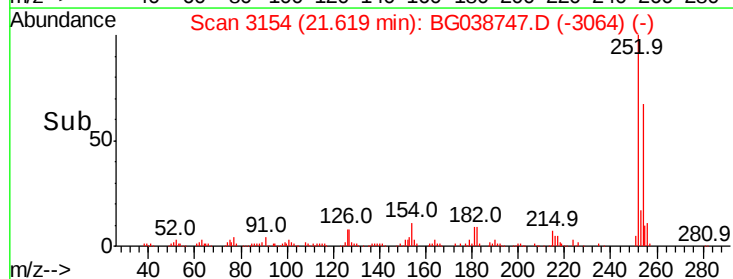
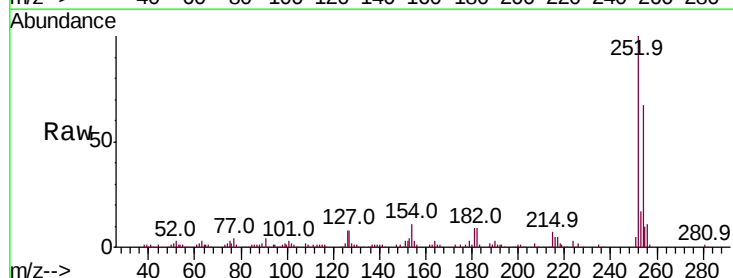
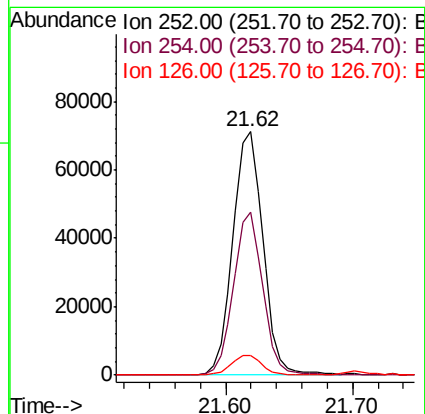
RT: 21.62 min Scan# 3154

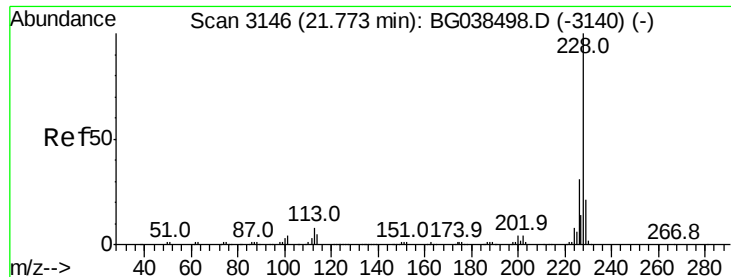
Delta R.T. -0.00 min

Lab File: BG038747.D

Acq: 20 Dec 2018 4:19

Tgt Ion:	252	Resp:	116961
Ion Ratio	Lower	Upper	
252	100		
254	67.1	50.9	76.3
126	7.8	6.3	9.5





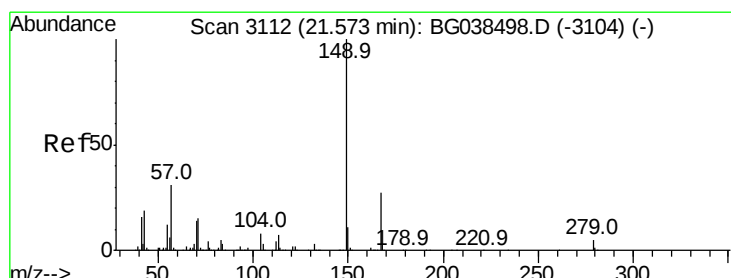
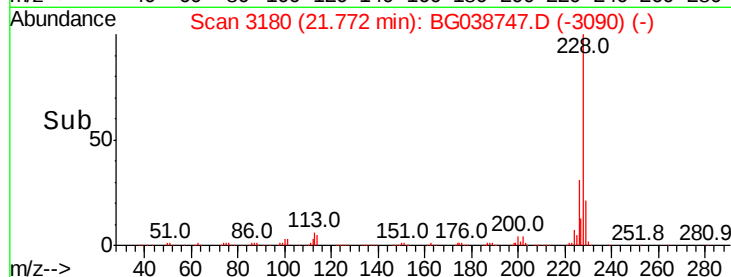
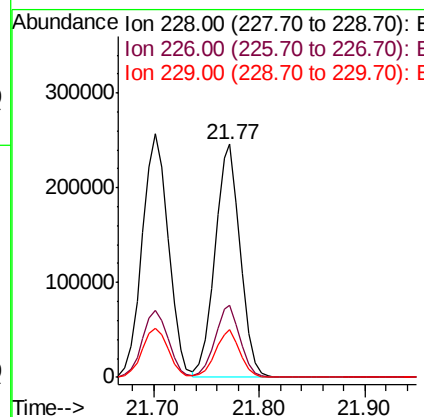
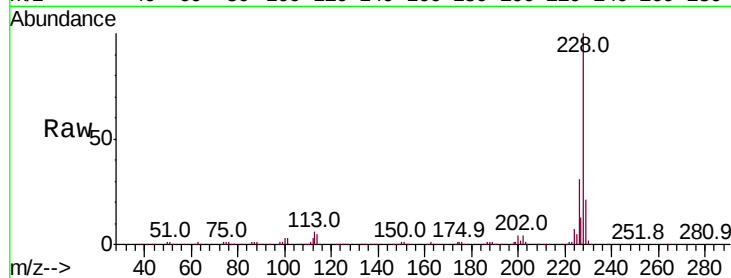
#83
 Chrysene
 Concen: 44.520 ng
 RT: 21.77 min Scan# 3180
 Delta R.T. -0.00 min
 Lab File: BG038747.D
 Acq: 20 Dec 2018 4:19

Instrument :
 BNA_G
 ClientSampleId :
 PB115763BS

Tot Ion:	228	Resp:	409159
Ion Ratio	Lower	Upper	
228	100		
226	30.9	25.0	37.4
229	20.8	16.5	24.7

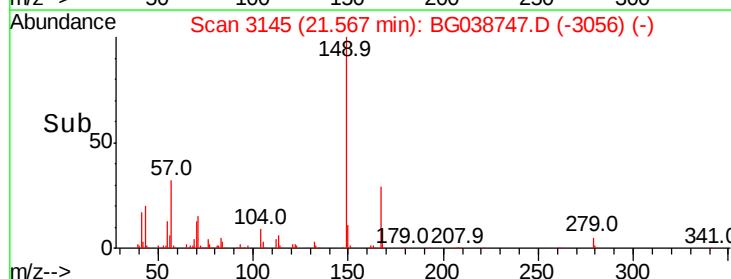
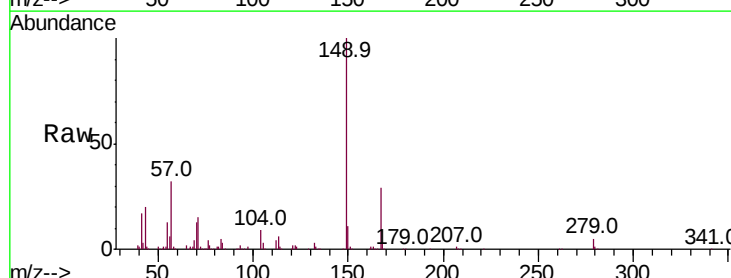
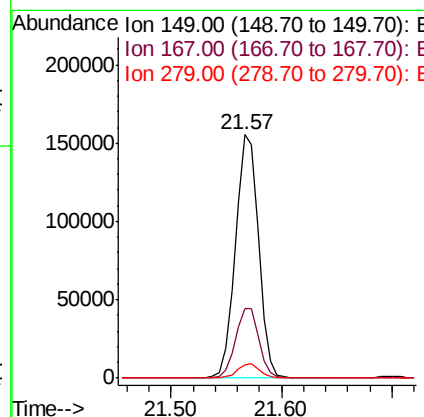
Manual Integrations
 APPROVED

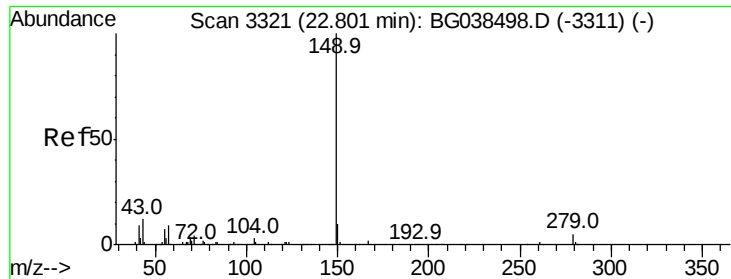
Sohil
 12/20/2018 1:06:51 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.874 ng
 RT: 21.57 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG038747.D
 Acq: 20 Dec 2018 4:19

Tgt Ion:	149	Resp:	228559
Ion Ratio	Lower	Upper	
149	100		
167	28.6	21.9	32.9
279	5.5	4.2	6.2





#85

Di-n-octyl phthalate

Concen: 42.672 ng

RT: 22.79 min Scan# 3354

Delta R.T. -0.01 min

Lab File: BG038747.D

Acq: 20 Dec 2018 4:19

Instrument :

BNA_G

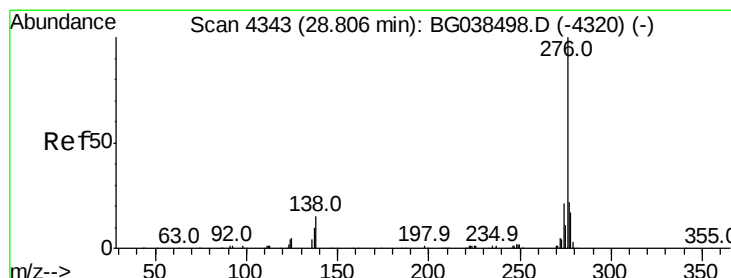
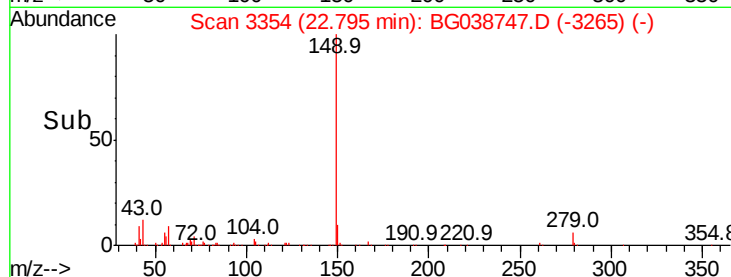
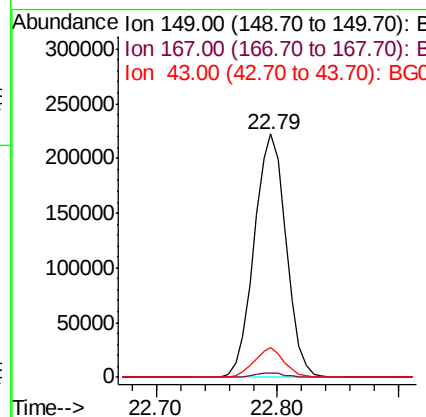
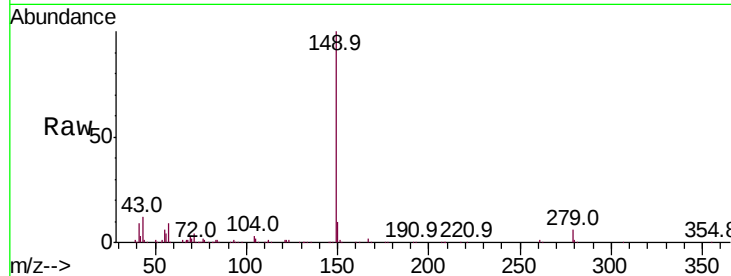
ClientSampleId :

PB115763BS

Tot Ion:	149	Resp:	409632
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.2	1.8
43	11.6	9.3	13.9

Manual Integrations
APPROVED

Sohil
12/20/2018 1:06:51 PM



#86

Indeno(1,2,3-cd)pyrene

Concen: 47.802 ng

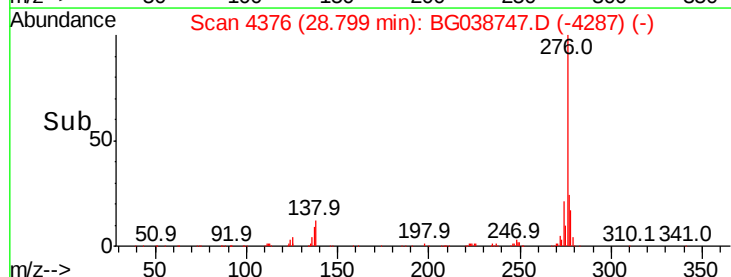
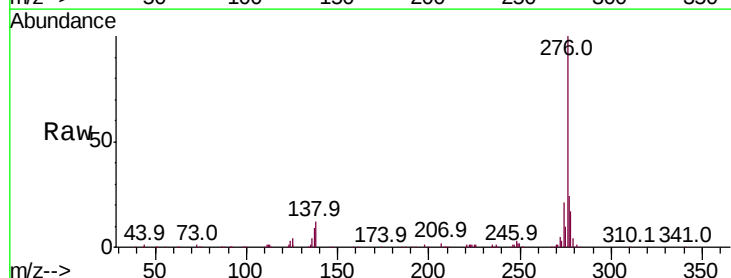
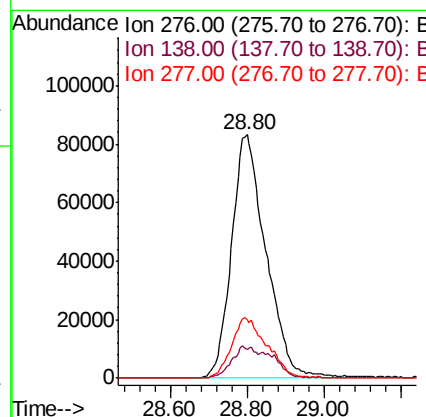
RT: 28.80 min Scan# 4376

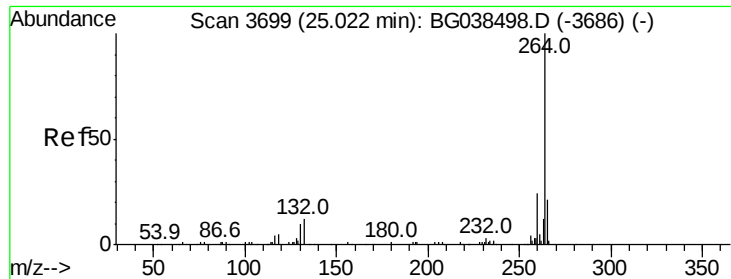
Delta R.T. -0.01 min

Lab File: BG038747.D

Acq: 20 Dec 2018 4:19

Tgt Ion:	276	Resp:	516498
Ion Ratio	Lower	Upper	
276	100		
138	6.0	14.4	21.6#
277	25.4	0.0	0.0#





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.02 min Scan# 3732

Delta R.T. -0.01 min

Lab File: BG038747.D

Acq: 20 Dec 2018 4:19

Instrument :

BNA_G

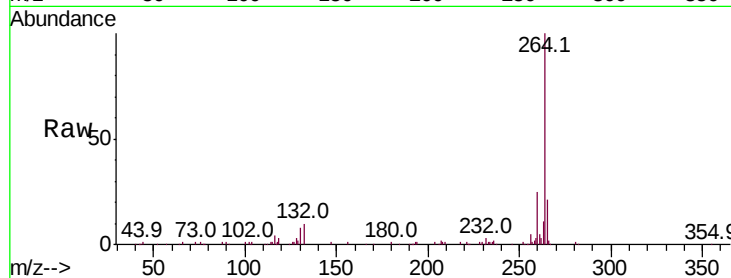
ClientSampleId :

PB115763BS

Tot Ion:	264	Resp:	174935
Ion Ratio	Lower	Upper	
264	100		
260	24.5	18.9	28.3
265	21.1	17.0	25.4

Manual Integrations
APPROVED

Sohil
12/20/2018 1:06:51 PM

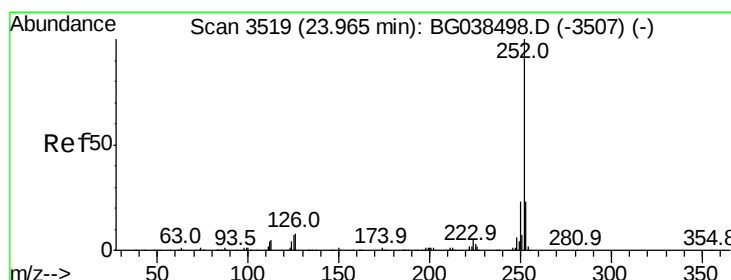
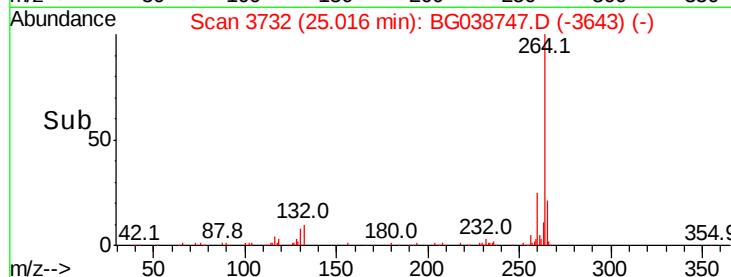
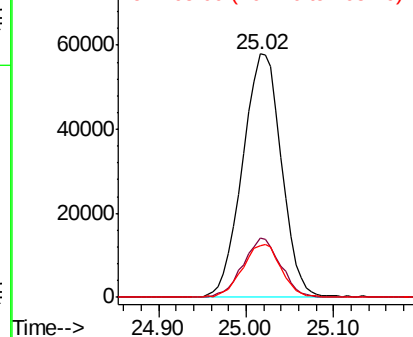


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 47.096 ng

RT: 23.96 min Scan# 3553

Delta R.T. -0.00 min

Lab File: BG038747.D

Acq: 20 Dec 2018 4:19

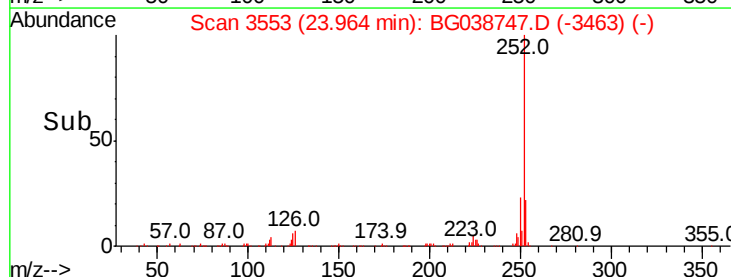
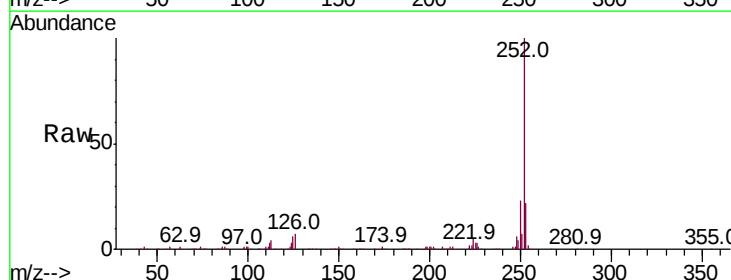
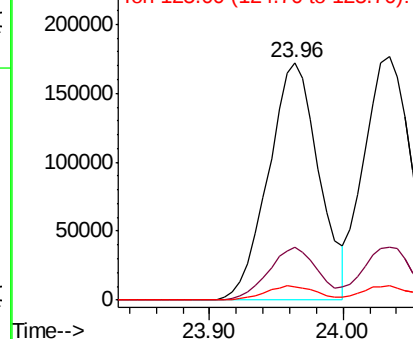
Tgt Ion:	252	Resp:	452337
Ion Ratio	Lower	Upper	
252	100		
253	22.3	18.1	27.1
125	5.8	5.5	8.3

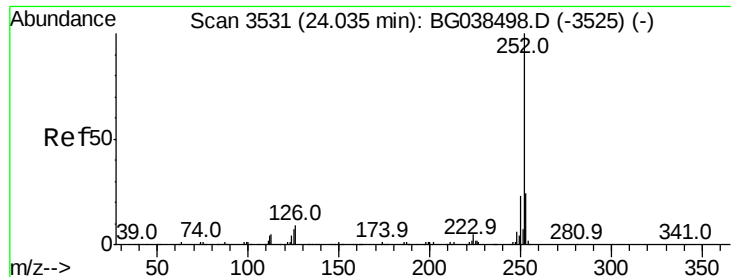
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





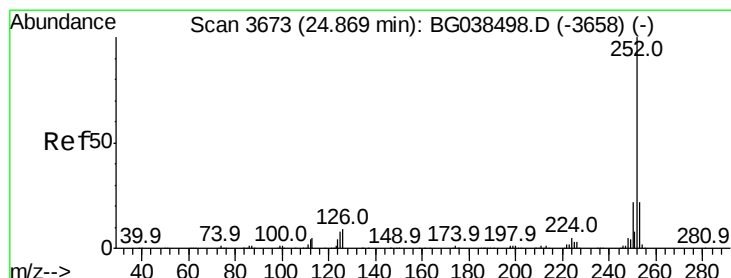
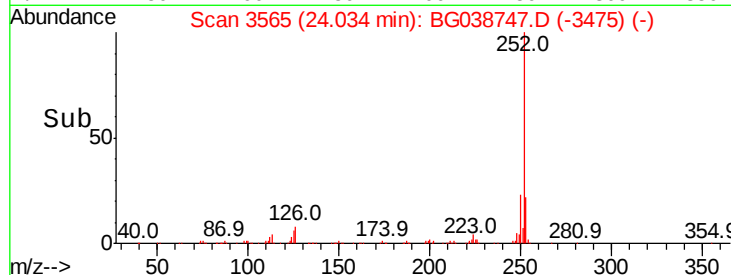
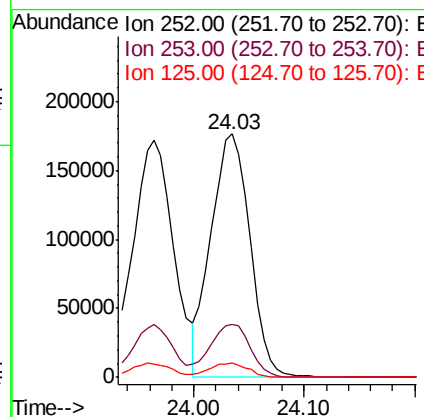
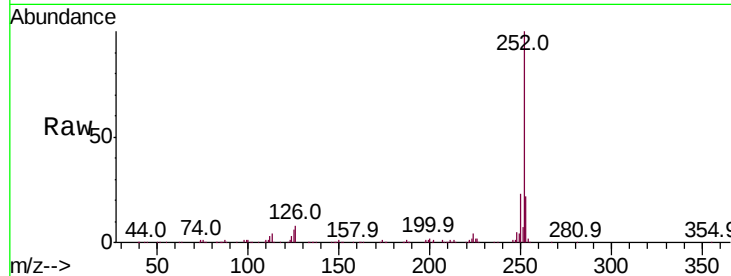
#89
Benzo(k)fluoranthene
Concen: 44.918 ng
RT: 24.03 min Scan# 3565
Delta R.T. -0.00 min
Lab File: BG038747.D
Acq: 20 Dec 2018 4:19

Instrument :
BNA_G
ClientSampleId :
PB115763BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.9	28.3
125	6.0	5.4	8.2

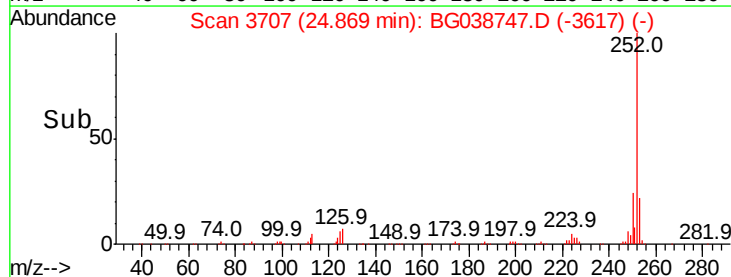
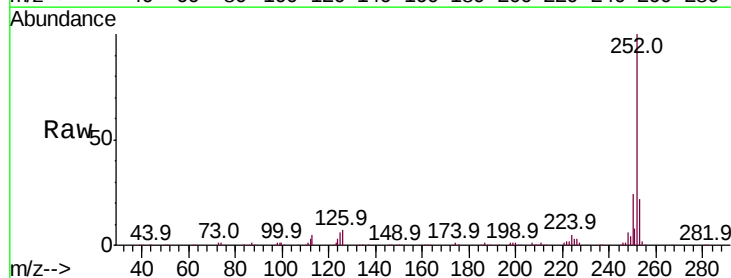
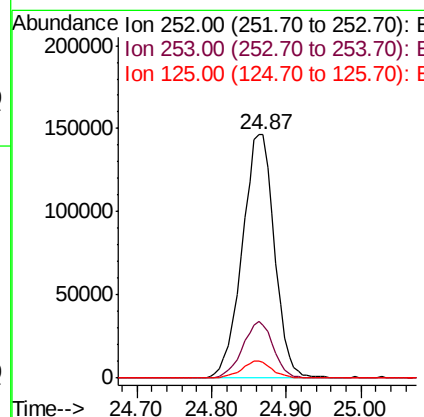
Manual Integrations
APPROVED

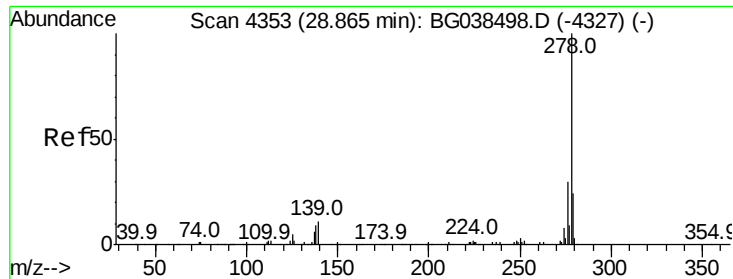
Sohil
12/20/2018 1:06:51 PM



#90
Benzo(a)pyrene
Concen: 47.232 ng
RT: 24.87 min Scan# 3707
Delta R.T. -0.00 min
Lab File: BG038747.D
Acq: 20 Dec 2018 4:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	6.5	6.4	9.6





#91

Dibenzo(a,h)anthracene

Concen: 46.292 ng

RT: 28.86 min Scan# 4387

Delta R.T. -0.00 min

Lab File: BG038747.D

Acq: 20 Dec 2018 4:19

Instrument :

BNA_G

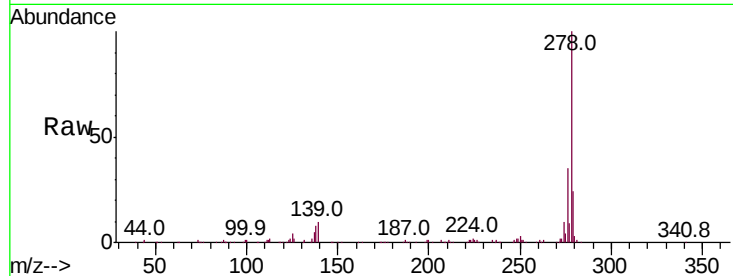
ClientSampleId :

PB115763BS

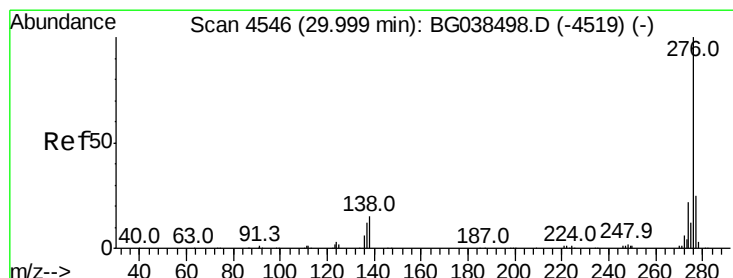
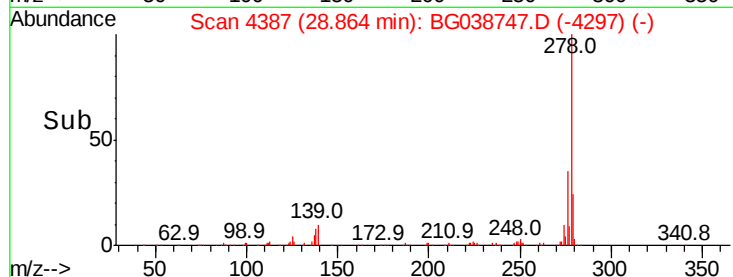
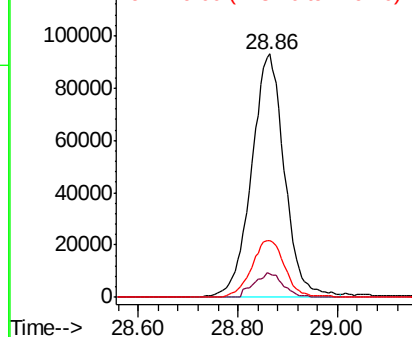
Tot Ion:278	Resp:	427082
Ion Ratio	Lower	Upper
278 100		
139 9.5	8.6	12.8
279 23.5	19.0	28.6

Manual Integrations
APPROVED

Sohil
12/20/2018 1:06:51 PM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 46.695 ng

RT: 30.00 min Scan# 4580

Delta R.T. -0.00 min

Lab File: BG038747.D

Acq: 20 Dec 2018 4:19

Tgt Ion:276	Resp:	424554
Ion Ratio	Lower	Upper
276 100		
277 24.5	19.8	29.8
138 12.5	11.8	17.6

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

