

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121418\
 Data File : BG038577.D
 Acq On : 14 Dec 2018 21:05
 Operator : JU/SJ
 Sample : PB115362BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115362BS

Manual Integrations
 APPROVED

Sohil
 12/17/2018 4:11:50 PM

Quant Time: Dec 14 23:14:20 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	24674	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	96933	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	62089	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	156374	20.00	ng	0.00
76) Chrysene-d12	21.72	240	166047	20.00	ng	0.00
87) Perylene-d12	25.02	264	182267	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	183796	132.12	ng	0.00
7) Phenol-d6	7.21	99	239544	125.43	ng	0.00
23) Nitrobenzene-d5	9.24	82	121958	64.28	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	105516	123.31	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	278579	61.55	ng	0.00
79) Terphenyl-d14	20.04	244	565241	74.08	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	21905	33.833	ng	# 89
3) Pyridine	3.89	79	62476	35.048	ng	# 93
4) n-Nitrosodimethylamine	3.82	42	39073	44.735	ng	# 93
6) Aniline	7.38	93	83287	34.163	ng	96
8) 2-Chlorophenol	7.62	128	68035	42.261	ng	99
9) Benzaldehyde	7.20	77	27877	22.502	ng	96
10) Phenol	7.24	94	86029	42.401	ng	98
11) bis(2-Chloroethyl)ether	7.48	93	60444	37.418	ng	99
12) 1,3-Dichlorobenzene	7.94	146	71222	37.417	ng	99
13) 1,4-Dichlorobenzene	8.10	146	73496	37.700	ng	99
14) 1,2-Dichlorobenzene	8.41	146	70685	38.460	ng	99
15) Benzyl Alcohol	8.30	79	61725	41.408	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.58	45	138158	37.336	ng	98
17) 2-Methylphenol	8.50	107	59141	43.507	ng	97
18) Hexachloroethane	9.14	117	26787	37.603	ng	96
19) n-Nitroso-di-n-propylamine	8.86	70	49710	37.061	ng	98
20) 3+4-Methylphenols	8.83	107	79870	42.544	ng	96
22) Acetophenone	8.89	105	97728	40.364	ng	99
24) Nitrobenzene	9.28	77	79808	41.578	ng	96
25) Isophorone	9.79	82	141802	41.595	ng	98
26) 2-Nitrophenol	9.99	139	39212	39.914	ng	95
27) 2,4-Dimethylphenol	10.03	122	67980	48.282	ng	98
28) bis(2-Chloroethoxy)methane	10.28	93	79585	41.367	ng	99
29) 2,4-Dichlorophenol	10.52	162	71065	45.370	ng	98
30) 1,2,4-Trichlorobenzene	10.73	180	74177	39.206	ng	98
31) Naphthalene	10.93	128	205376	43.002	ng	98
32) Benzoic acid	10.18	122	30069m	36.667	ng	
33) 4-Chloroaniline	11.04	127	42914	20.696	ng	94
34) Hexachlorobutadiene	11.19	225	49194	38.426	ng	88
35) Caprolactam	11.83	113	22987	35.462	ng	99
36) 4-Chloro-3-methylphenol	12.16	107	72518	40.570	ng	96
37) 2-Methylnaphthalene	12.53	142	152116	44.645	ng	98
38) 1-Methylnaphthalene	12.75	142	142446	43.083	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	88328	38.058	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121418\
 Data File : BG038577.D
 Acq On : 14 Dec 2018 21:05
 Operator : JU/SJ
 Sample : PB115362BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115362BS

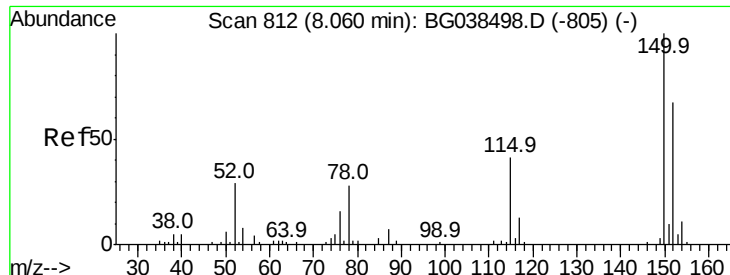
Manual Integrations
 APPROVED

Sohil
 12/17/2018 4:11:50 PM

Quant Time: Dec 14 23:14:20 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	118892	93.243	nq	93
43) 2,4,6-Trichlorophenol	13.13	196	60144	42.147	nq	96
44) 2,4,5-Trichlorophenol	13.21	196	62727	41.517	nq	96
46) 1,1'-Biphenyl	13.53	154	196691	37.788	nq	97
47) 2-Chloronaphthalene	13.58	162	158356	39.386	nq	97
48) 2-Nitroaniline	13.79	65	52508	41.000	nq	99
49) Acenaphthylene	14.42	152	253756	42.217	nq	99
50) Dimethylphthalate	14.15	163	204681	40.368	nq	100
51) 2,6-Dinitrotoluene	14.28	165	47041	40.939	nq	92
52) Acenaphthene	14.76	154	144631	40.240	nq	98
53) 3-Nitroaniline	14.62	138	33243	28.381	nq	90
54) 2,4-Dinitrophenol	14.82	184	50033	73.623	nq	96
55) Dibenzofuran	15.09	168	243139	39.464	nq	98
56) 4-Nitrophenol	14.92	139	73864	83.126	nq	95
57) 2,4-Dinitrotoluene	15.06	165	66855	41.310	nq	99
58) Fluorene	15.75	166	196493	43.048	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.32	232	60424	44.451	nq	98
60) Diethylphthalate	15.50	149	211923	38.073	nq	99
61) 4-Chlorophenyl-phenylether	15.73	204	109051	38.291	nq	99
62) 4-Nitroaniline	15.78	138	50487	41.867	nq	99
63) Azobenzene	16.02	77	184841	39.751	nq	98
65) 4,6-Dinitro-2-methylphenol	15.83	198	40443	36.256	nq	96
66) n-Nitrosodiphenylamine	15.94	169	178235	38.792	nq	97
67) 4-Bromophenyl-phenylether	16.63	248	71155	37.258	nq	95
68) Hexachlorobenzene	16.74	284	75701	38.239	nq	98
69) Atrazine	16.89	200	74364	43.612	nq	99
70) Pentachlorophenol	17.09	266	84178	71.888	nq	99
71) Phenanthrene	17.49	178	344841	42.526	nq	98
72) Anthracene	17.58	178	354737	44.313	nq	100
73) Carbazole	17.85	167	318043	40.172	nq	99
74) Di-n-butylphthalate	18.38	149	391195	43.062	nq	99
75) Fluoranthene	19.49	202	447177	44.570	nq	98
77) Benzidine	19.68	184	217131	44.216	nq	99
78) Pyrene	19.86	202	446321	40.687	nq	100
80) Butylbenzylphthalate	20.72	149	178866	41.736	nq	97
81) Benzo(a)anthracene	21.70	228	434353	42.928	nq	98
82) 3,3'-Dichlorobenzidine	21.62	252	112644	28.071	nq	100
83) Chrysene	21.77	228	400931	41.139	nq	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	248575	40.896	nq	100
85) Di-n-octyl phthalate	22.80	149	430222	42.263	nq	98
86) Indeno(1,2,3-cd)pyrene	28.80	276	495197	43.220	nq	# 98
88) Benzo(b)fluoranthene	23.96	252	438555	43.824	nq	99
89) Benzo(k)fluoranthene	24.04	252	415377	41.683	nq	98
90) Benzo(a)pyrene	24.86	252	424525	43.972	nq	98
91) Dibenzo(a,h)anthracene	28.87	278	414151	43.084	nq	99
92) Benzo(g,h,i)perylene	29.98	276	405885	42.846	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: BG038577.D

Acq: 14 Dec 2018 21:05

Instrument :

BNA_G

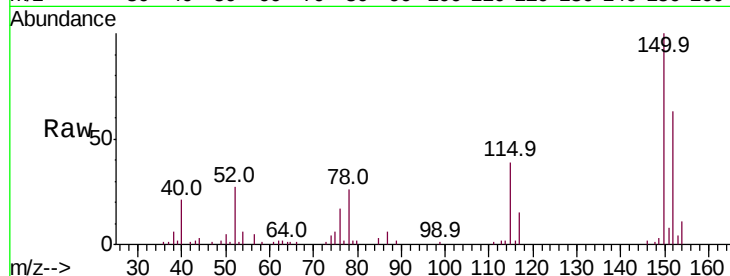
ClientSampleId :

PB115362BS

Tot Ion:	152	Resp:	24674
Ion	Ratio	Lower	Upper
152	100		
150	158.2	119.5	179.3
115	62.4	49.6	74.4

Manual Integrations
APPROVED

Sohil
12/17/2018 4:11:50 PM

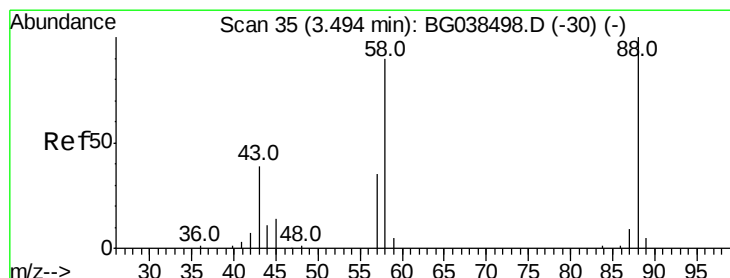
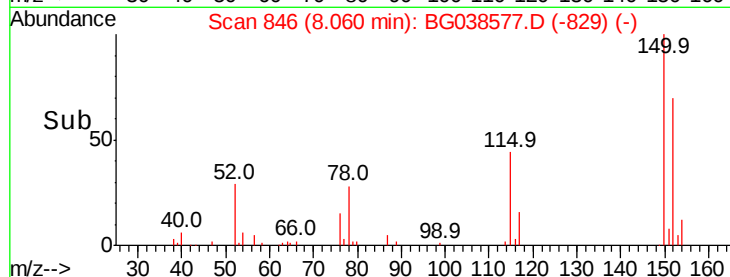
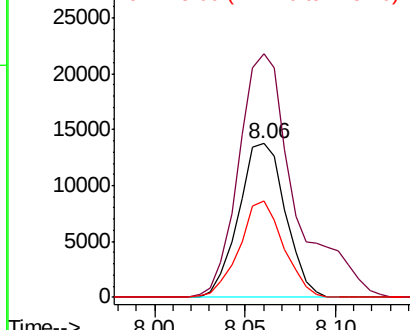


Abundance

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: 33.833 ng

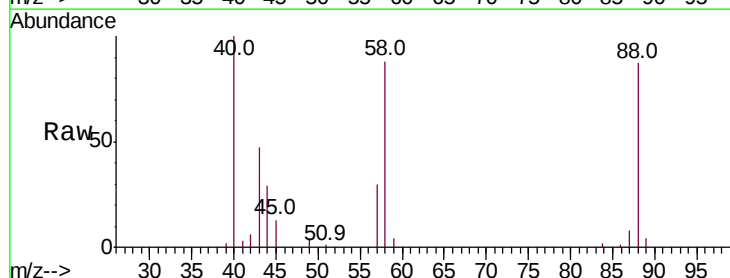
RT: 3.49 min Scan# 68

Delta R.T. -0.01 min

Lab File: BG038577.D

Acq: 14 Dec 2018 21:05

Tgt Ion:	88	Resp:	21905
Ion	Ratio	Lower	Upper
88	100		
58	102.2	75.7	113.5
43	50.3	31.6	47.4

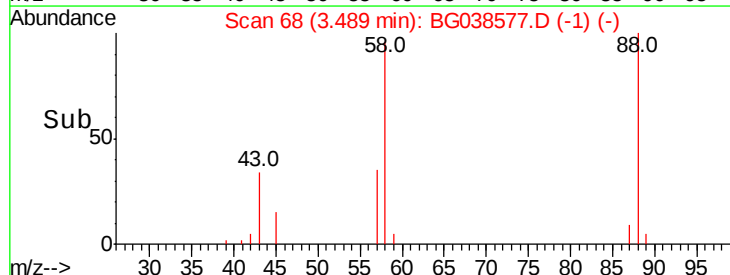
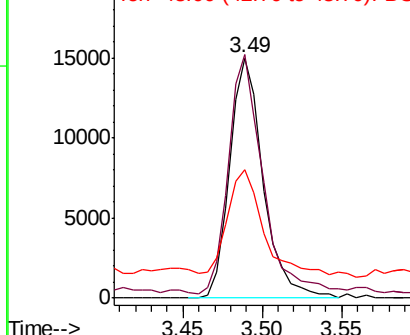


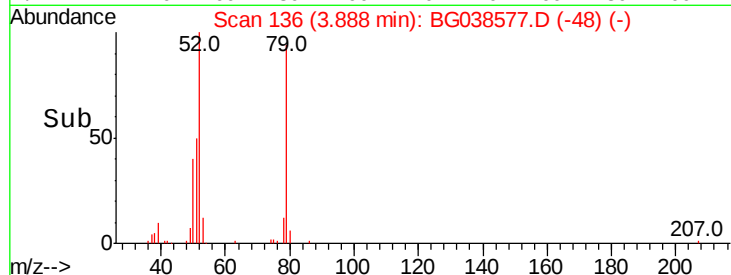
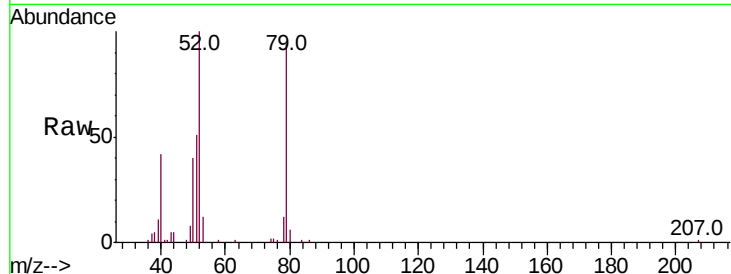
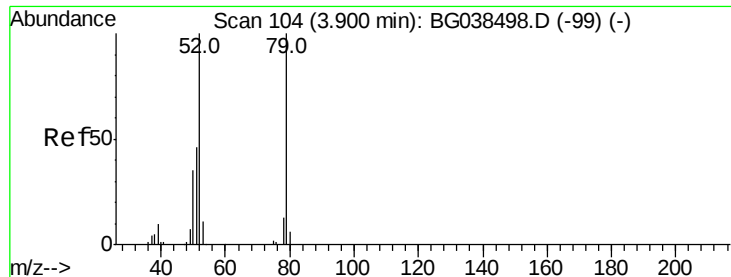
Abundance

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





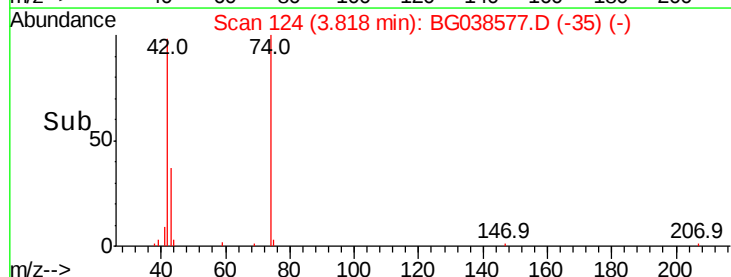
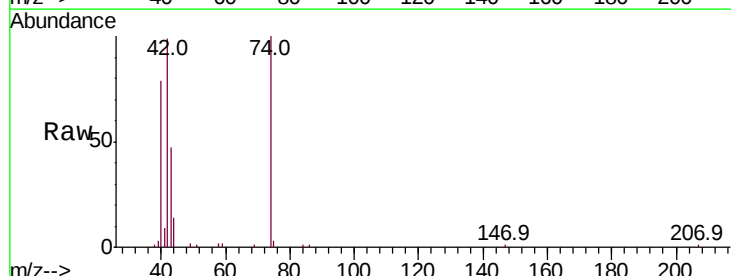
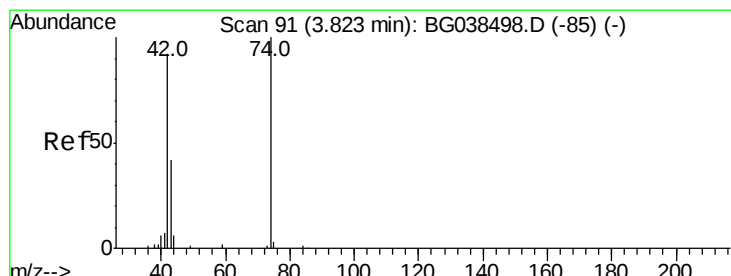
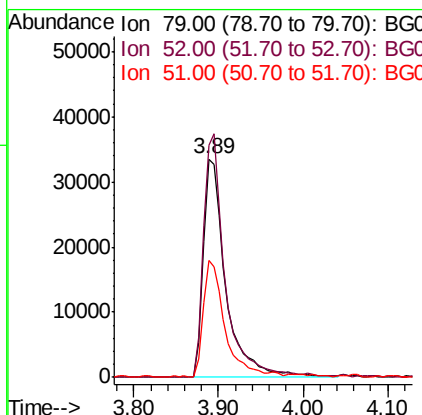
#3
 Pvridine
 Concen: 35.048 ng
 RT: 3.89 min Scan# 136
 Delta R.T. -0.01 min
 Lab File: BG038577.D
 Acq: 14 Dec 2018 21:05

Tot Ion	Ratio	Lower	Upper
79	100		
52	106.5	80.2	120.2
51	53.8	38.0	57.0

Instrument :
 BNA_G
 ClientSampleId :
 PB115362BS

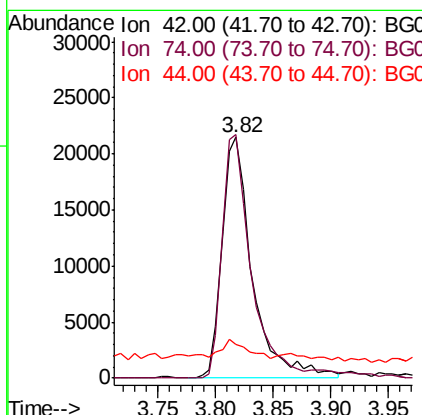
Manual Integrations
 APPROVED

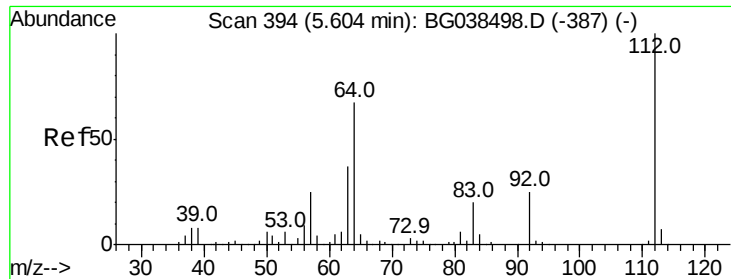
Sohil
 12/17/2018 4:11:50 PM



#4
 n-Nitrosodimethylamine
 Concen: 44.735 ng
 RT: 3.82 min Scan# 124
 Delta R.T. -0.01 min
 Lab File: BG038577.D
 Acq: 14 Dec 2018 21:05

Tgt Ion	Ratio	Lower	Upper
42	100		
74	101.2	86.7	130.1
44	13.9	7.8	11.8#





#5

2-Fluorophenol

Concen: 132.119 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.01 min

Lab File: BG038577.D

Acq: 14 Dec 2018 21:05

Instrument :

BNA_G

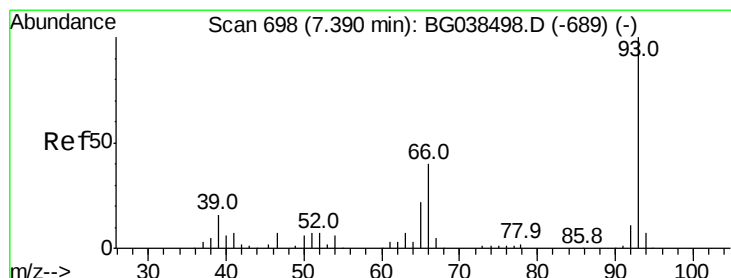
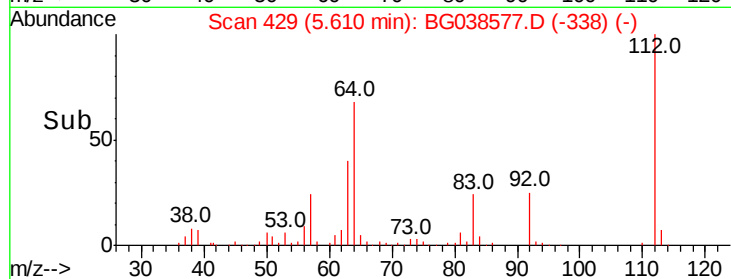
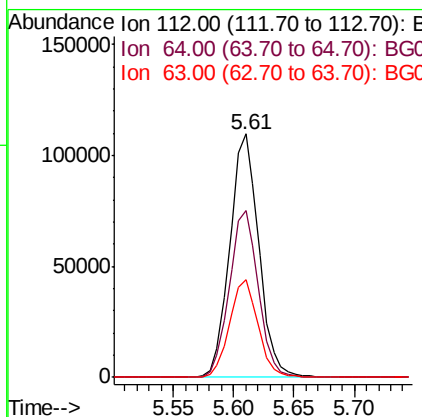
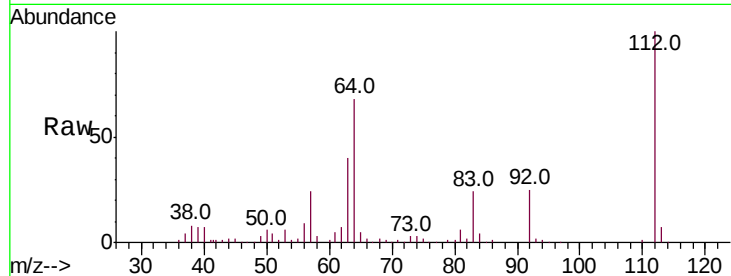
ClientSampled :

PB115362BS

Tot Ion:	112	Resp:	183796
Ion Ratio	Lower	Upper	
112	100		
64	68.4	53.4	80.2
63	40.1	29.3	43.9

Manual Integrations
APPROVED

Sohil
12/17/2018 4:11:50 PM



#6

Aniline

Concen: 34.163 ng

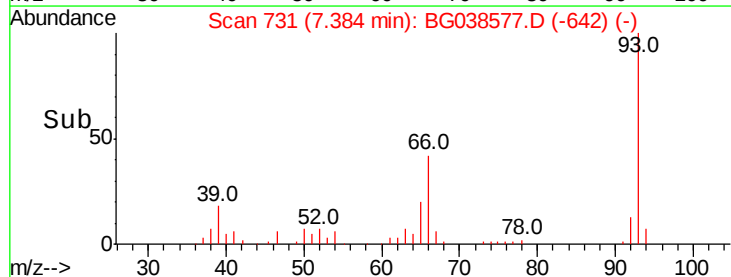
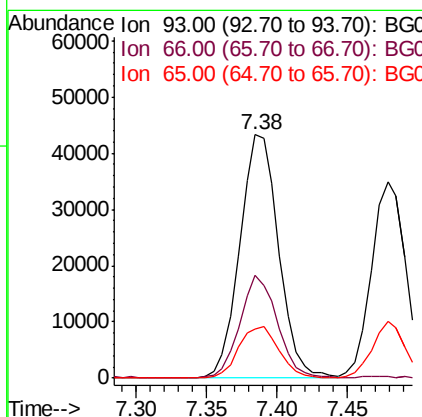
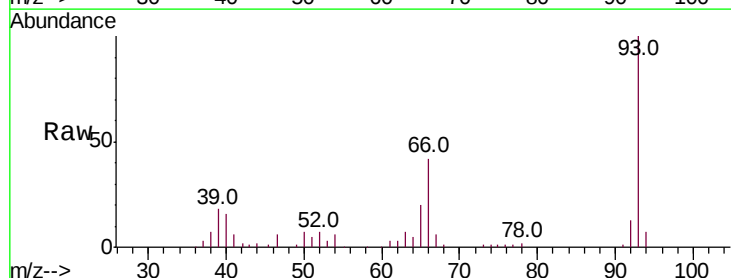
RT: 7.38 min Scan# 731

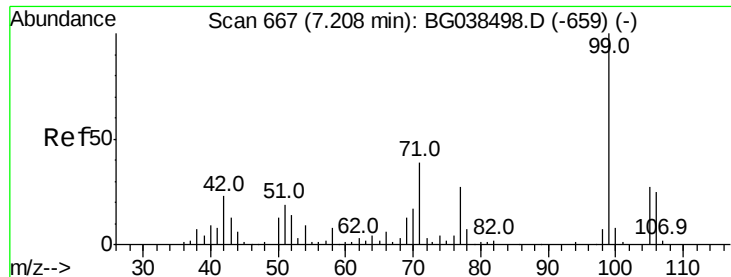
Delta R.T. -0.01 min

Lab File: BG038577.D

Acq: 14 Dec 2018 21:05

Tgt Ion:	93	Resp:	83287
Ion Ratio	Lower	Upper	
93	100		
66	42.0	31.7	47.5
65	20.3	17.8	26.6





#7

Phenol-d6

Concen: 125.431 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG038577.D

Acq: 14 Dec 2018 21:05

Instrument :

BNA_G

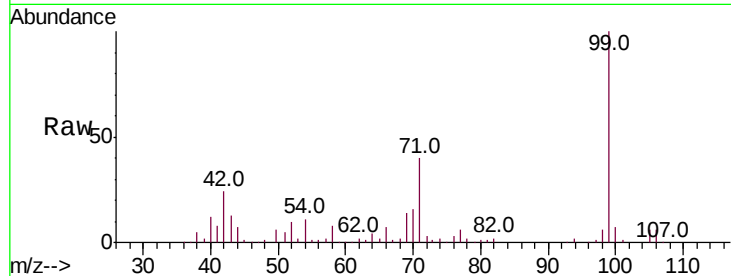
ClientSampleId :

PB115362BS

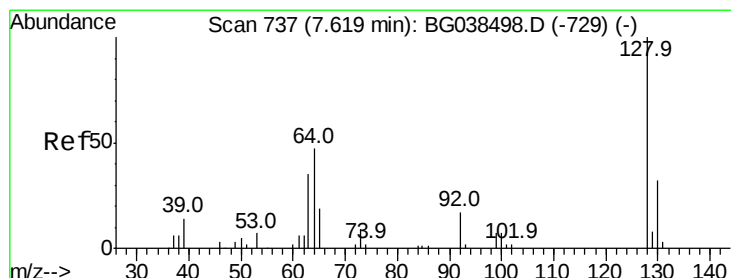
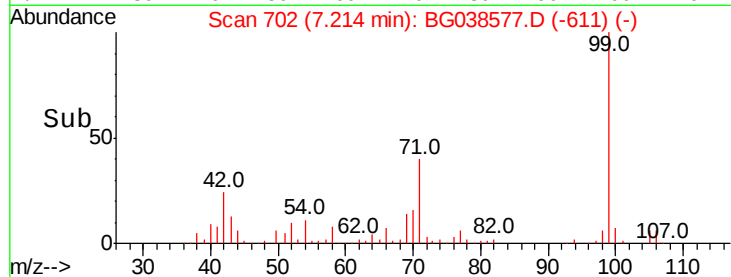
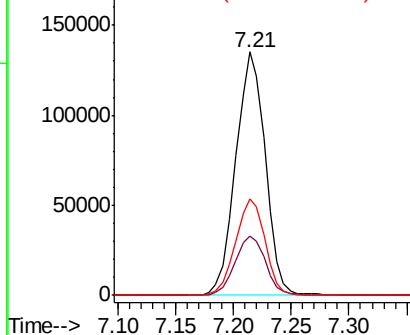
Tot Ion:	99	Resp:	239544
Ion Ratio	Lower	Upper	
99	100		
42	24.1	18.5	27.7
71	39.6	31.1	46.7

Manual Integrations
APPROVED

Sohil
12/17/2018 4:11:50 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: 42.261 ng

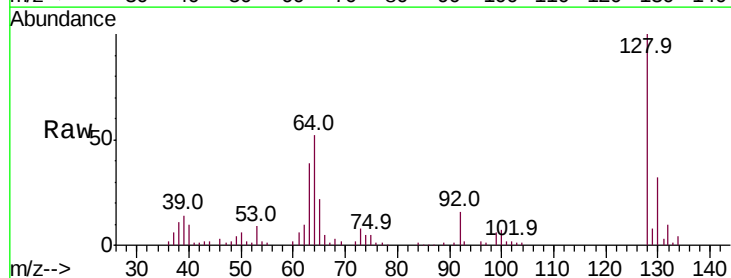
RT: 7.62 min Scan# 771

Delta R.T. 0.00 min

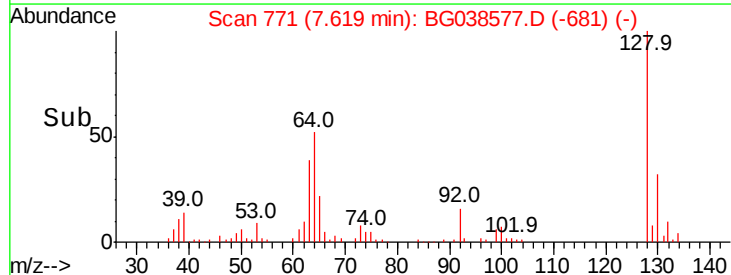
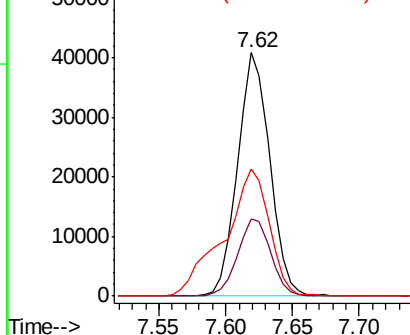
Lab File: BG038577.D

Acq: 14 Dec 2018 21:05

Tgt Ion:	128	Resp:	68035
Ion Ratio	Lower	Upper	
128	100		
130	31.6	11.8	51.8
64	52.5	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





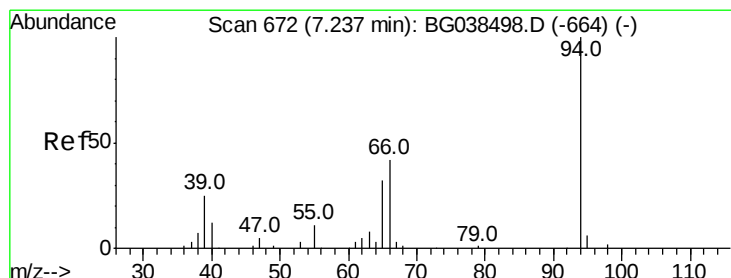
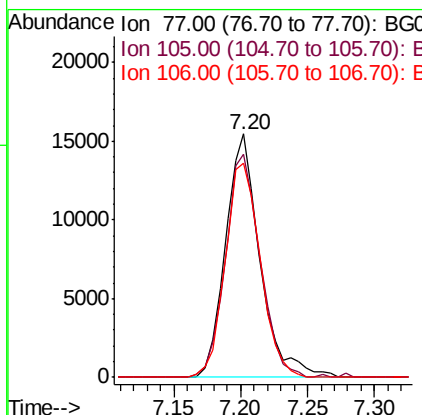
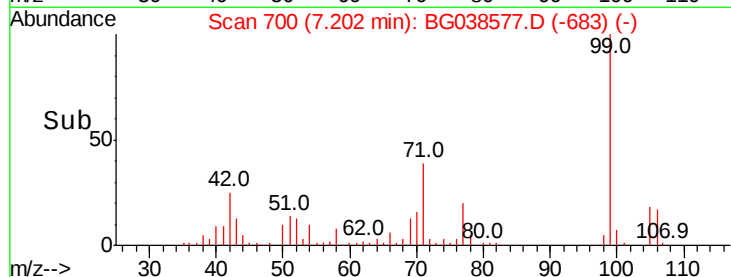
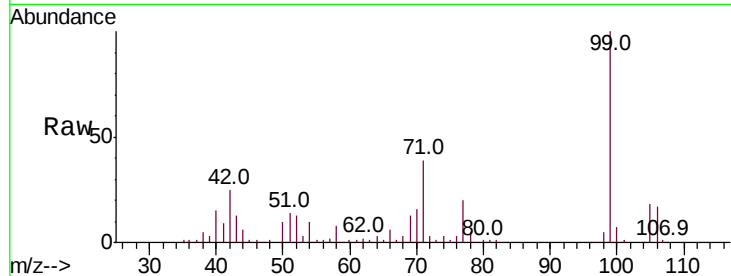
#9
Benzaldehyde
Concen: 22.502 ng
RT: 7.20 min Scan# 700
Delta R.T. 0.00 min
Lab File: BG038577.D
Acq: 14 Dec 2018 21:05

Instrument :
BNA_G
ClientSampleId :
PB115362BS

Tot Ion: 77 Resp: 27877
Ion Ratio Lower Upper
77 100
105 91.8 74.0 114.0
106 88.2 73.9 113.9

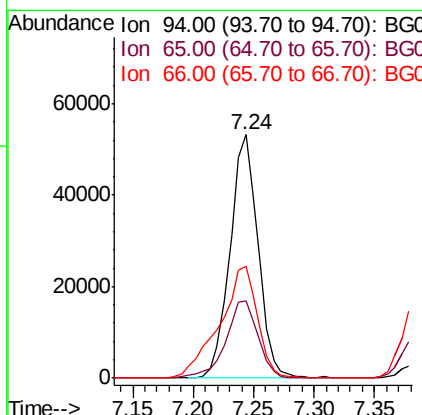
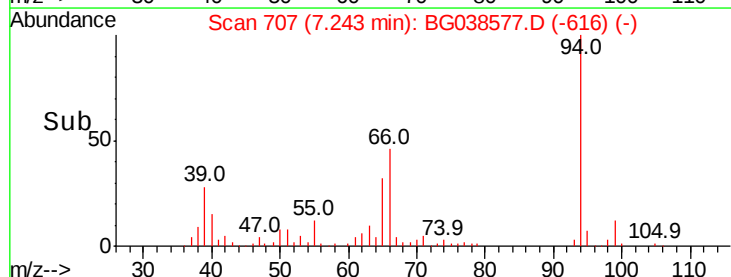
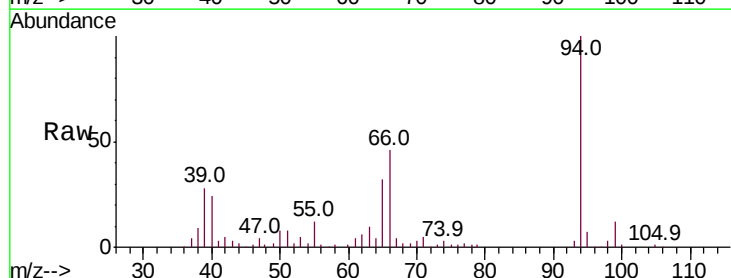
Manual Integrations
APPROVED

Sohil
12/17/2018 4:11:50 PM



#10
Phenol
Concen: 42.401 ng
RT: 7.24 min Scan# 707
Delta R.T. 0.01 min
Lab File: BG038577.D
Acq: 14 Dec 2018 21:05

Tgt Ion: 94 Resp: 86029
Ion Ratio Lower Upper
94 100
65 31.6 12.6 52.6
66 45.6 24.1 64.1





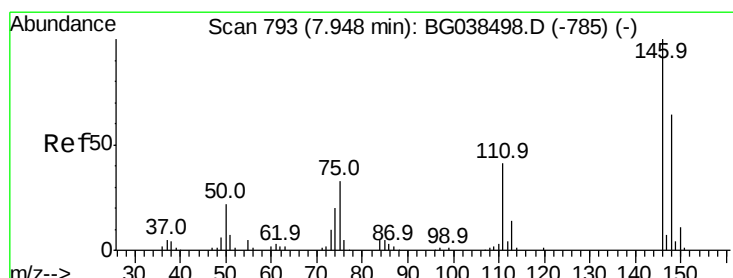
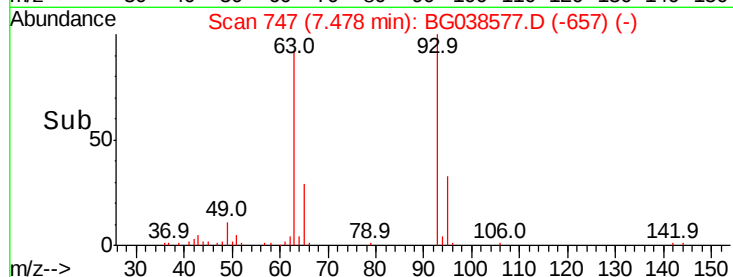
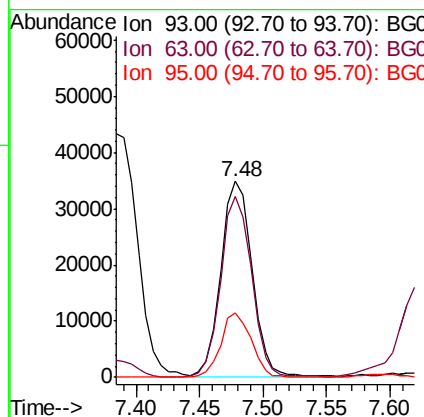
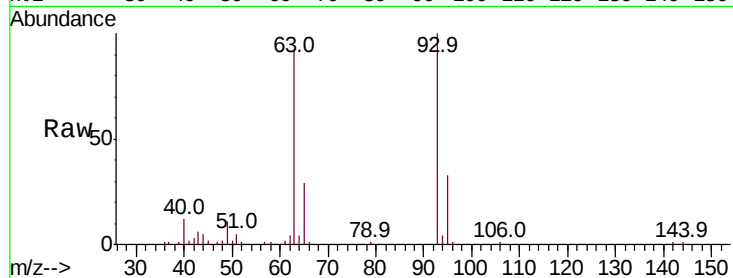
#11
bis(2-Chloroethyl)ether
Concen: 37.418 ng
RT: 7.48 min Scan# 747
Delta R.T. 0.00 min
Lab File: BG038577.D
Acq: 14 Dec 2018 21:05

Instrument :
BNA_G
ClientSampleId :
PB115362BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	92.4	72.2	112.2
95	32.9	11.2	51.2

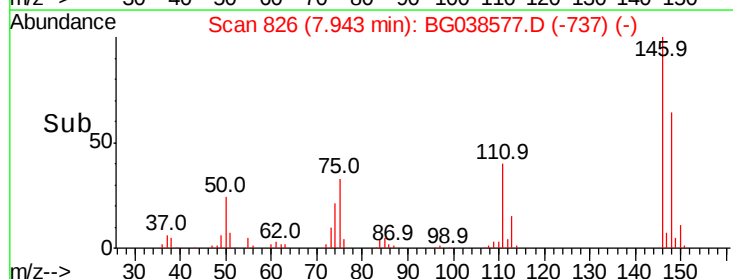
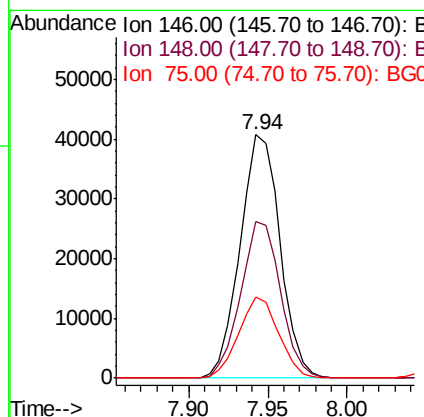
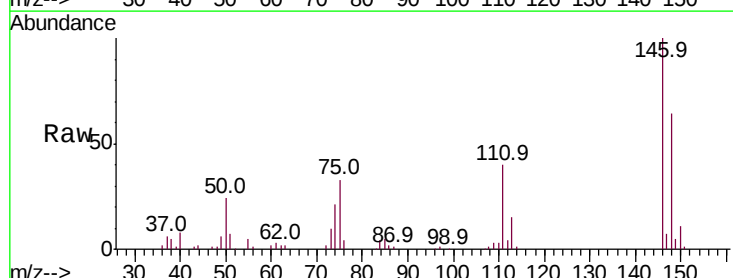
Manual Integrations
APPROVED

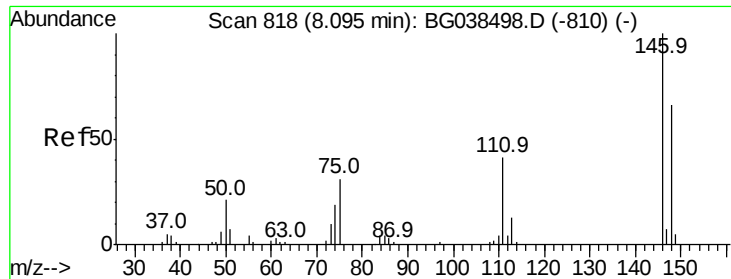
Sohil
12/17/2018 4:11:50 PM



#12
1,3-Dichlorobenzene
Concen: 37.417 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG038577.D
Acq: 14 Dec 2018 21:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.4	77.0
75	33.3	26.1	39.1





#13

1,4-Dichlorobenzene

Concen: 37.700 ng

RT: 8.10 min Scan# 852

Delta R.T. 0.00 min

Lab File: BG038577.D

Acq: 14 Dec 2018 21:05

Instrument :

BNA_G

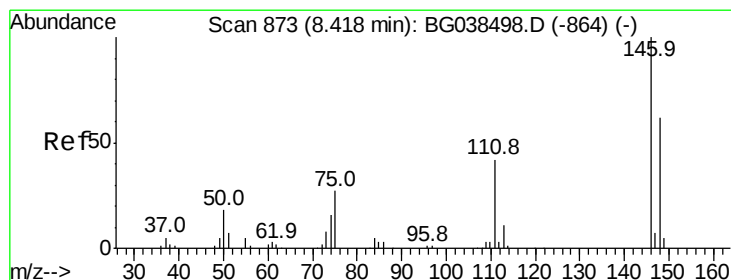
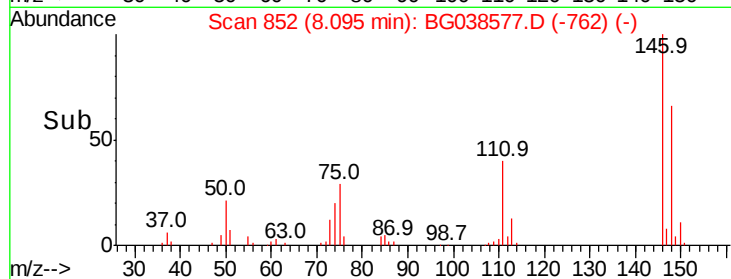
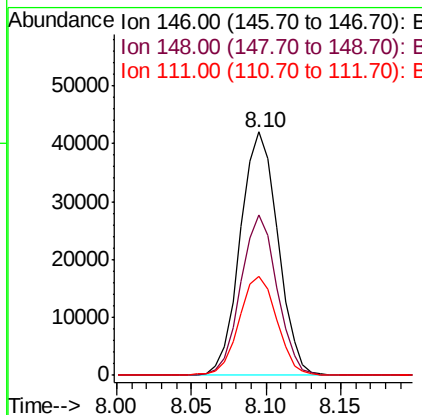
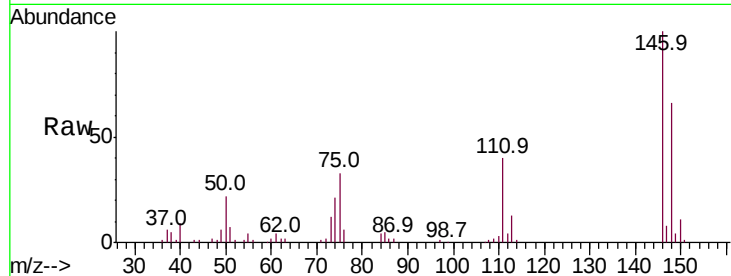
ClientSampleId :

PB115362BS

Tot Ion:	146	Resp:	73496
Ion Ratio	Lower	Upper	
146	100		
148	65.9	52.4	78.6
111	40.5	33.0	49.4

Manual Integrations
APPROVED

Sohil
12/17/2018 4:11:50 PM



#14

1,2-Dichlorobenzene

Concen: 38.460 ng

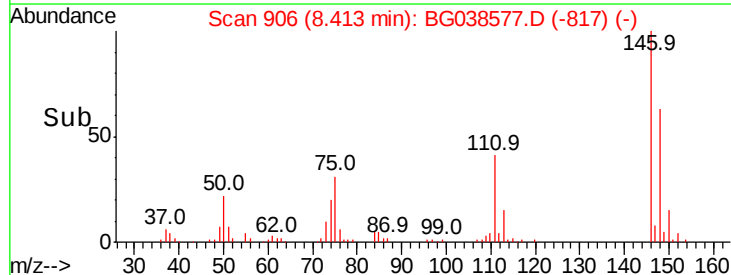
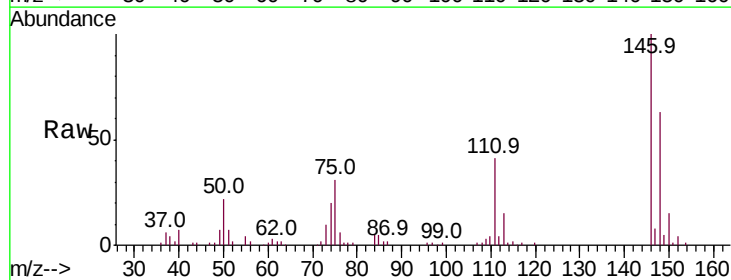
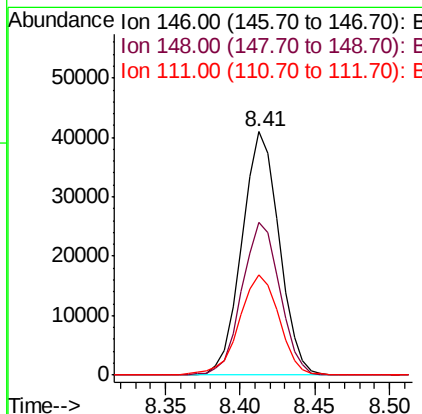
RT: 8.41 min Scan# 906

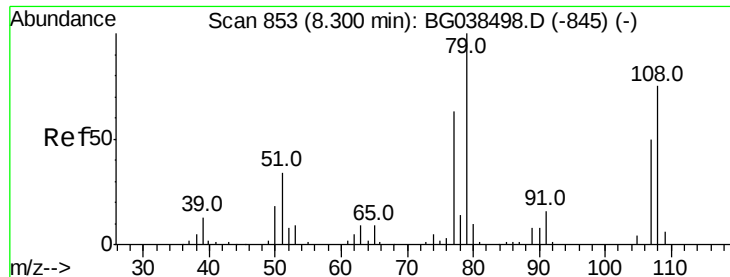
Delta R.T. -0.01 min

Lab File: BG038577.D

Acq: 14 Dec 2018 21:05

Tgt Ion:	146	Resp:	70685
Ion Ratio	Lower	Upper	
146	100		
148	62.7	49.4	74.0
111	41.3	33.8	50.6





#15

Benzyl Alcohol

Concen: 41.408 ng

RT: 8.30 min Scan# 887

Delta R.T. 0.00 min

Lab File: BG038577.D

Acq: 14 Dec 2018 21:05

Instrument :

BNA_G

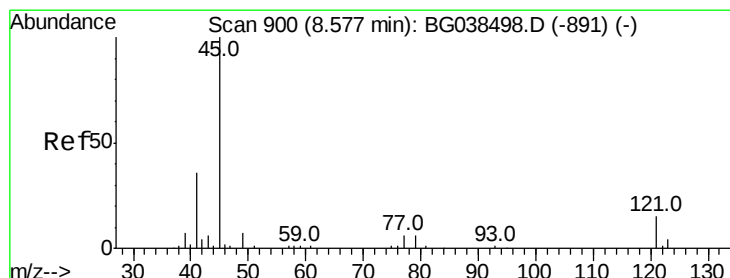
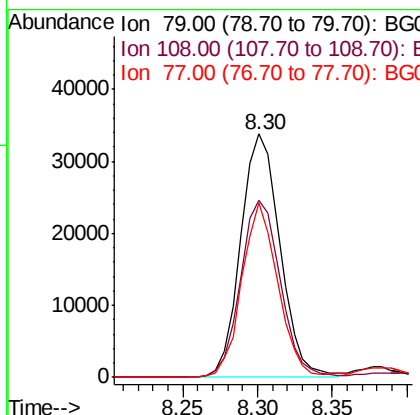
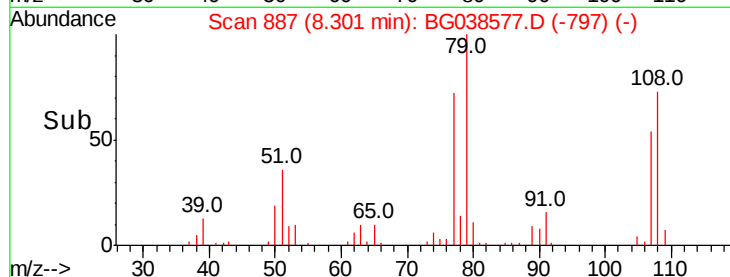
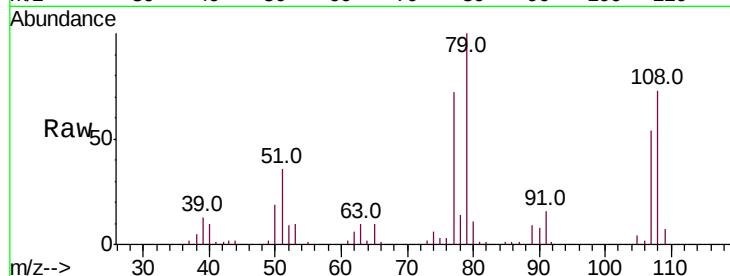
ClientSampleId :

PB115362BS

Tot Ion:	79	Resp:	61725
Ion Ratio	Lower	Upper	
79	100		
108	73.0	60.2	90.4
77	71.8	50.7	76.1

Manual Integrations
APPROVED

Sohil
12/17/2018 4:11:50 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.336 ng

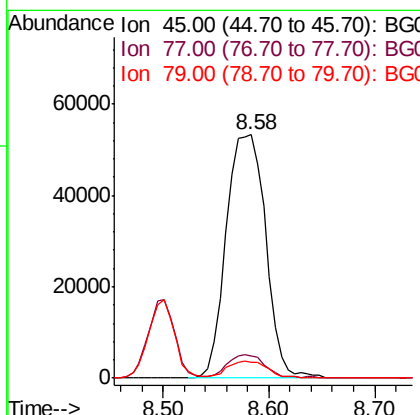
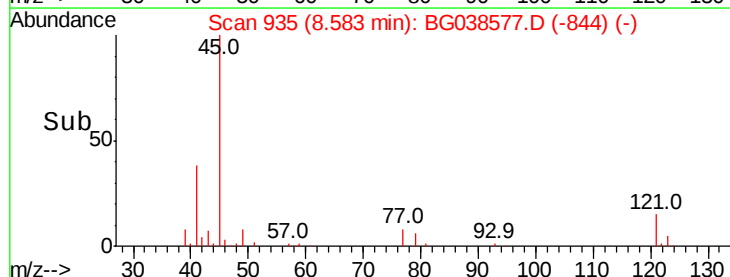
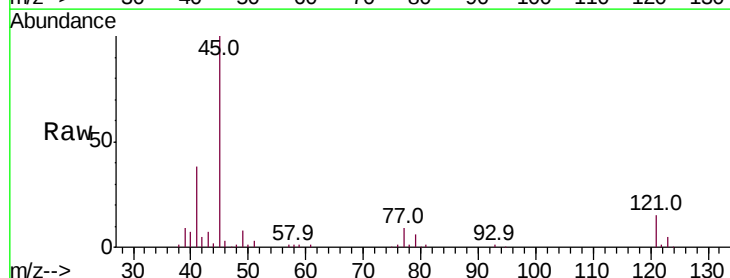
RT: 8.58 min Scan# 935

Delta R.T. 0.01 min

Lab File: BG038577.D

Acq: 14 Dec 2018 21:05

Tgt Ion:	45	Resp:	138158
Ion Ratio	Lower	Upper	
45	100		
77	9.1	0.0	28.2
79	6.4	0.0	27.2





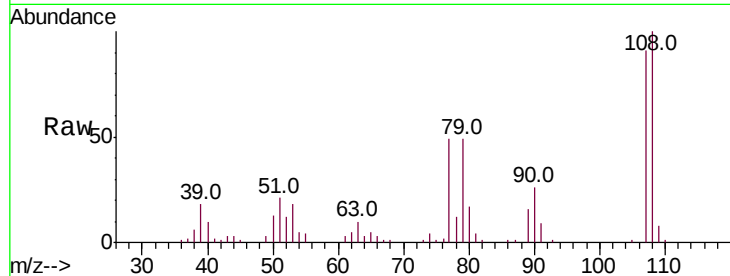
#17
2-Methylphenol
Concen: 43.507 ng
RT: 8.50 min Scan# 921
Delta R.T. 0.01 min
Lab File: BG038577.D
Acq: 14 Dec 2018 21:05

Instrument :
BNA_G
ClientSampled :
PB115362BS

Tot Ion:	107	Resp:	59141
Ion	Ratio	Lower	Upper
107	100		
108	110.1	87.1	130.7
77	54.0	42.0	63.0
79	53.5	38.2	57.2

Manual Integrations
APPROVED

Sohil
12/17/2018 4:11:50 PM



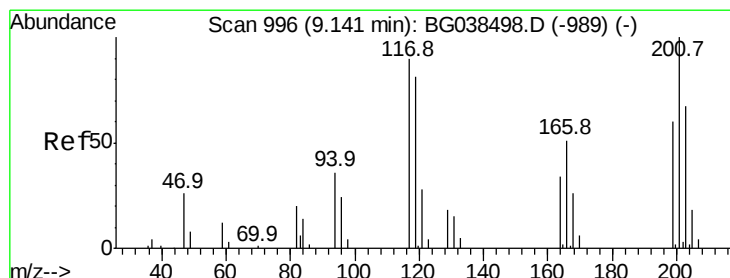
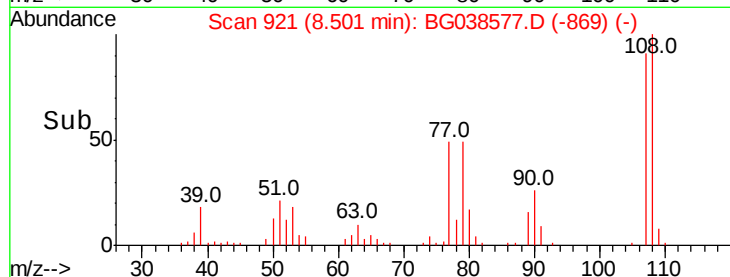
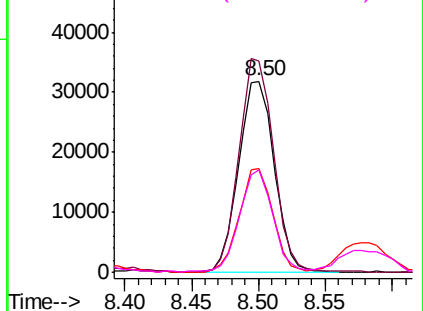
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 37.603 ng
RT: 9.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG038577.D
Acq: 14 Dec 2018 21:05

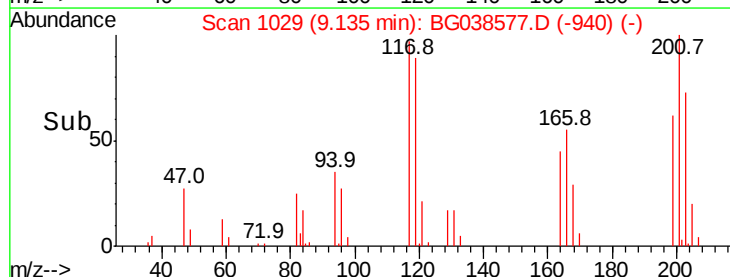
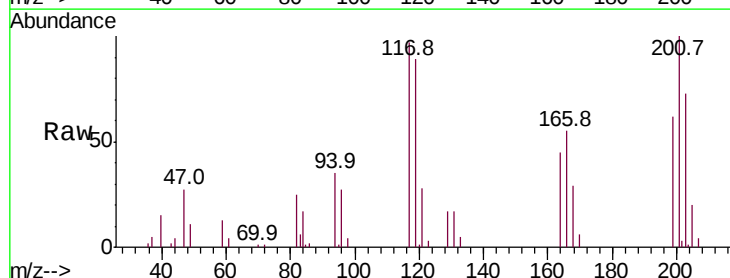
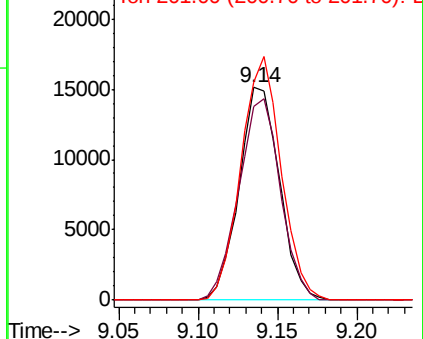
Tgt Ion:	117	Resp:	26787
Ion	Ratio	Lower	Upper
117	100		
119	90.9	73.8	110.8
201	105.4	89.4	134.0

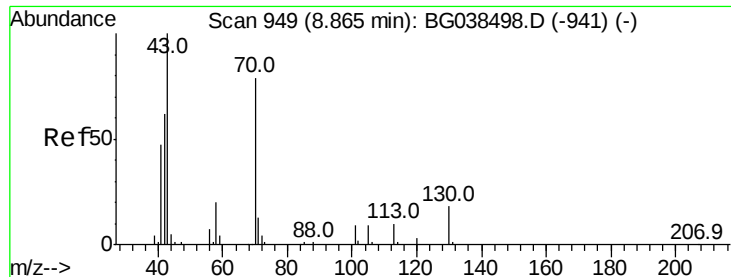
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





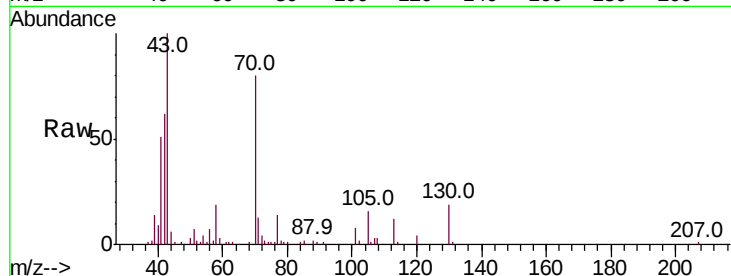
#19
n-Nitroso-di-n-propylamine
Concen: 37.061 ng
RT: 8.86 min Scan# 983
Delta R.T. 0.00 min
Lab File: BG038577.D
Acq: 14 Dec 2018 21:05

Instrument :
BNA_G
ClientSampleId :
PB115362BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	78.5	63.6	95.4	
101	9.5	9.2	13.8	
130	24.0	18.5	27.7	

Manual Integrations
APPROVED

Sohil
12/17/2018 4:11:50 PM



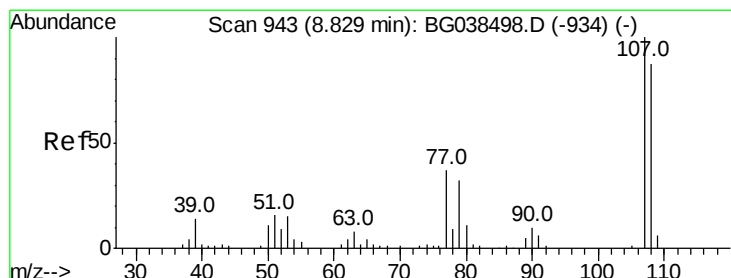
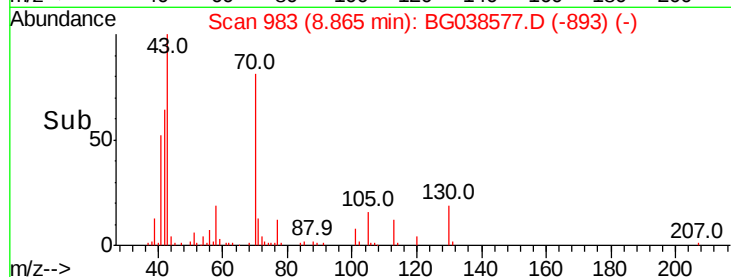
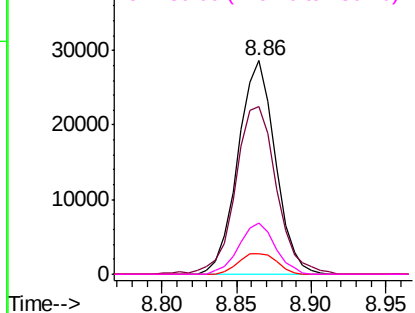
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 42.544 ng
RT: 8.83 min Scan# 977
Delta R.T. 0.00 min
Lab File: BG038577.D
Acq: 14 Dec 2018 21:05

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.6	66.7	106.7	
77	34.5	17.3	57.3	
79	34.7	12.3	52.3	

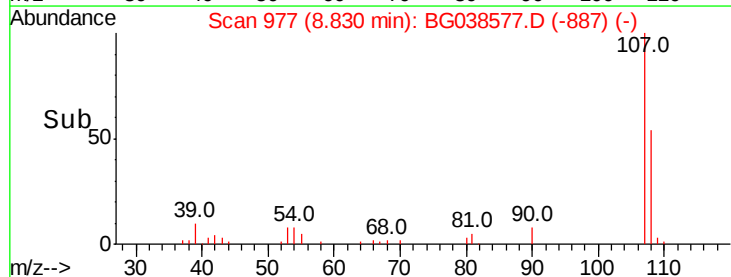
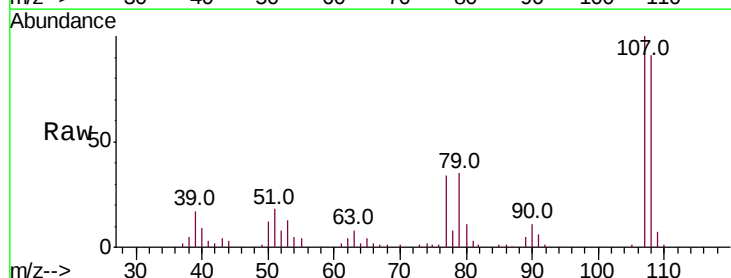
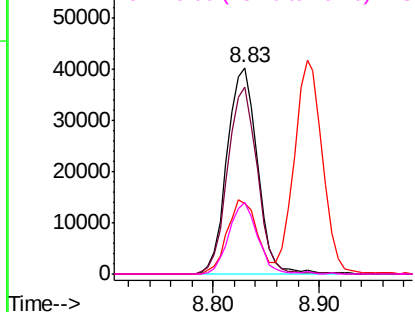
Abundance

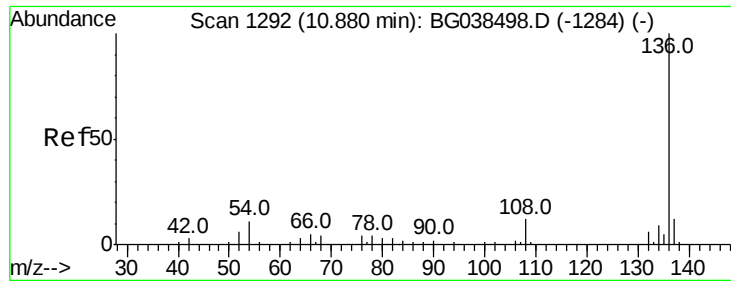
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





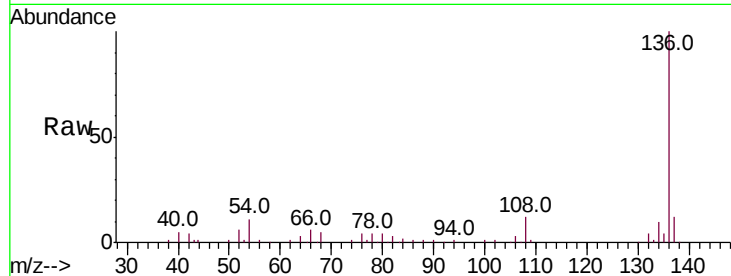
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG038577.D
Acq: 14 Dec 2018 21:05

Instrument :
BNA_G
ClientSampleId :
PB115362BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.8	9.3	13.9	
54	11.0	8.5	12.7	
68	4.6	3.5	5.3	

Manual Integrations
APPROVED

Sohil
12/17/2018 4:11:50 PM



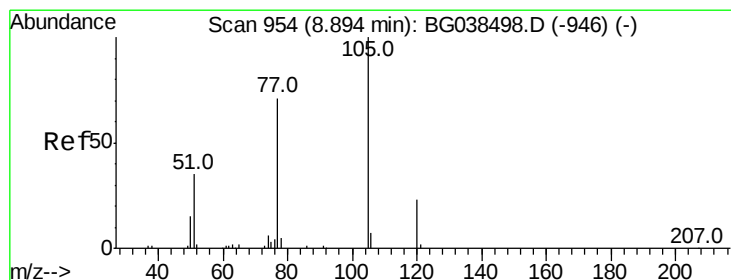
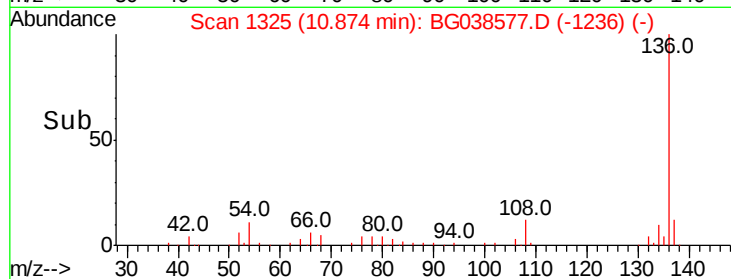
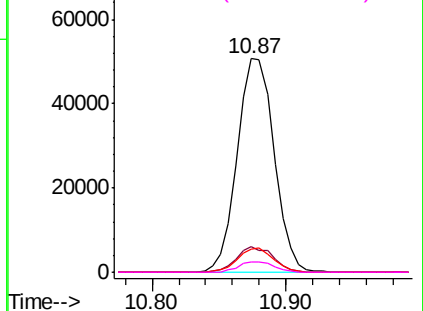
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 40.364 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BG038577.D
Acq: 14 Dec 2018 21:05

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.5	0.4	0.6	
51	39.3	30.6	46.0	
120	23.2	18.6	28.0	

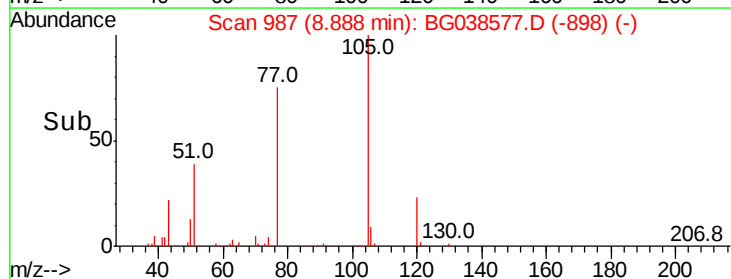
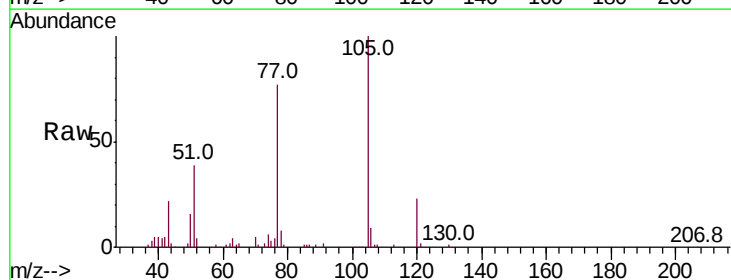
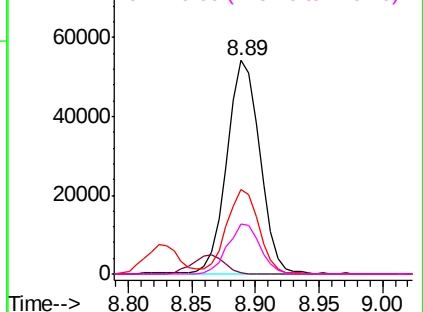
Abundance

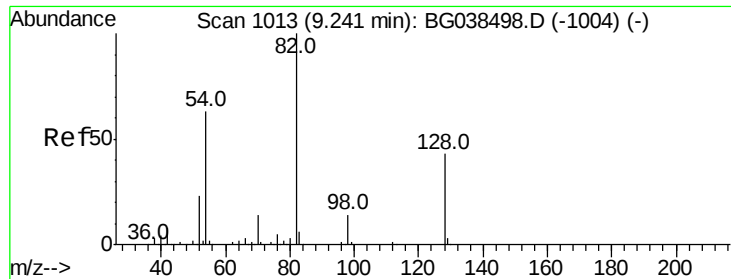
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





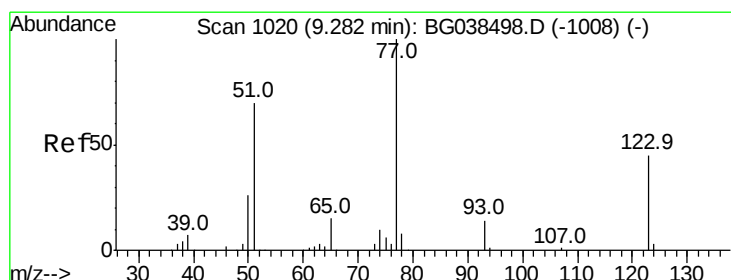
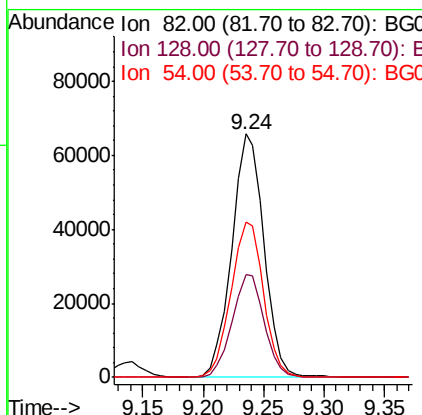
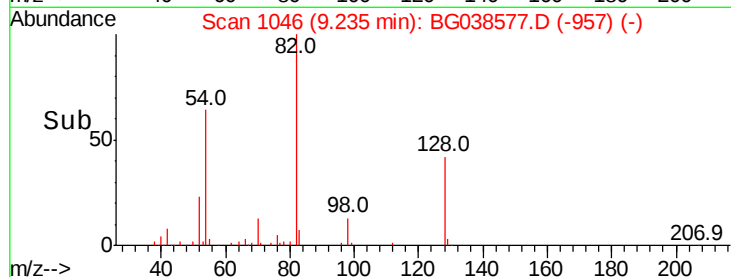
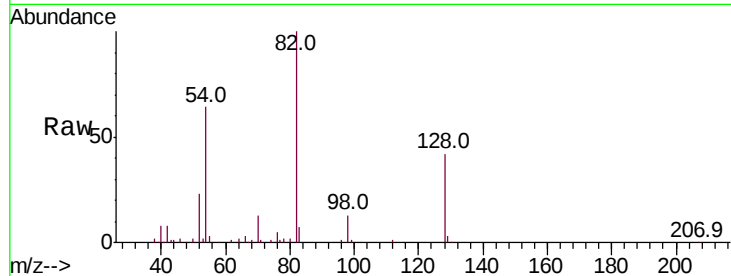
#23
 Nitrobenzene-d5
 Concen: 64.276 ng
 RT: 9.24 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BG038577.D
 Acq: 14 Dec 2018 21:05

Instrument :
 BNA_G
 ClientSampleId :
 PB115362BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.1	34.6	52.0
54	63.8	50.6	76.0

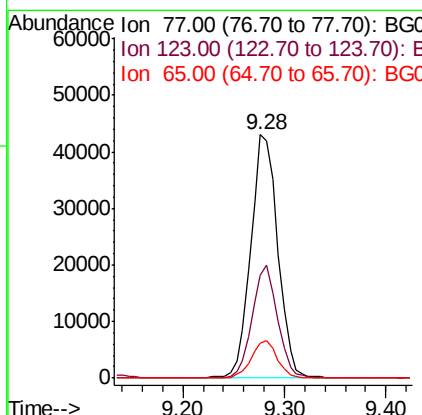
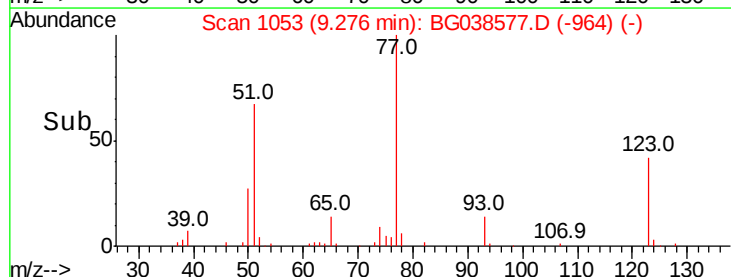
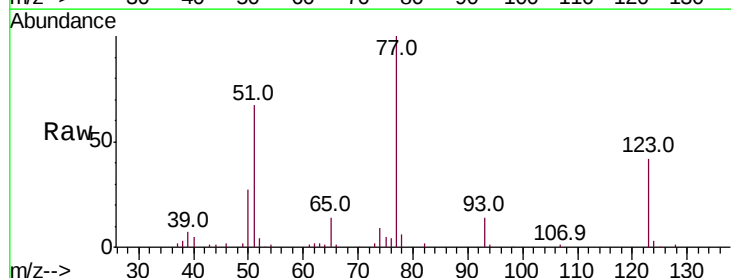
Manual Integrations
 APPROVED

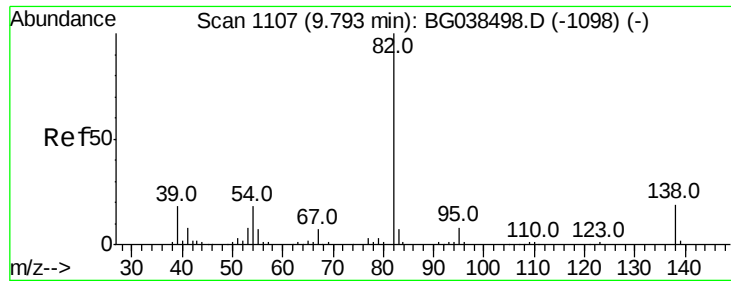
Sohil
 12/17/2018 4:11:50 PM



#24
 Nitrobenzene
 Concen: 41.578 ng
 RT: 9.28 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: BG038577.D
 Acq: 14 Dec 2018 21:05

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.1	35.9	53.9
65	14.3	12.0	18.0





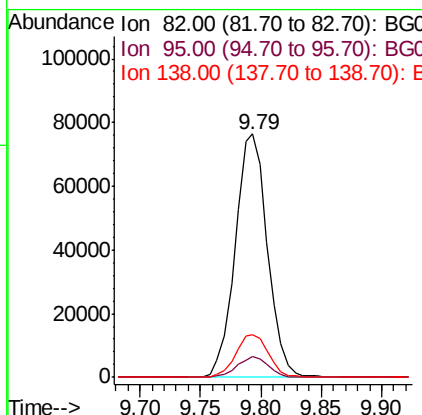
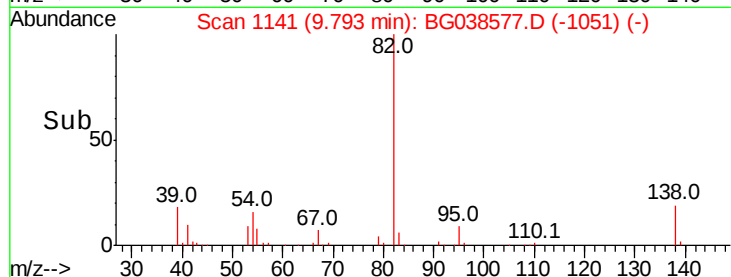
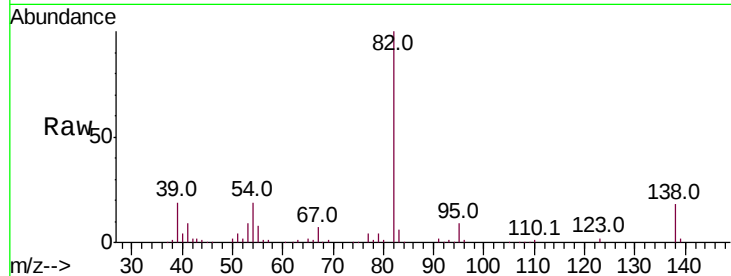
#25
Isophorone
Concen: 41.595 ng
RT: 9.79 min Scan# 1141
Delta R.T. 0.00 min
Lab File: BG038577.D
Acq: 14 Dec 2018 21:05

Instrument :
BNA_G
ClientSampleId :
PB115362BS

Tot Ion	Ratio	Lower	Upper
82	100		
95	8.7	6.1	9.1
138	17.7	14.9	22.3

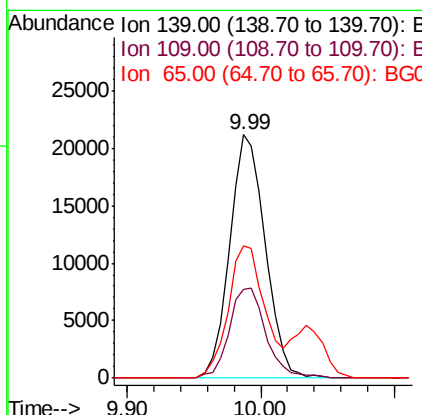
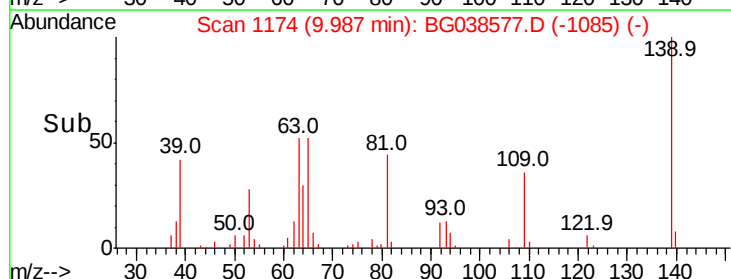
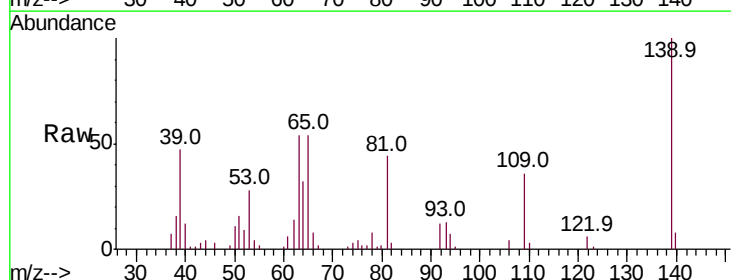
Manual Integrations
APPROVED

Sohil
12/17/2018 4:11:50 PM



#26
2-Nitrophenol
Concen: 39.914 ng
RT: 9.99 min Scan# 1174
Delta R.T. -0.01 min
Lab File: BG038577.D
Acq: 14 Dec 2018 21:05

Tgt Ion	Ratio	Lower	Upper
139	100		
109	36.2	29.5	44.3
65	54.5	48.5	72.7





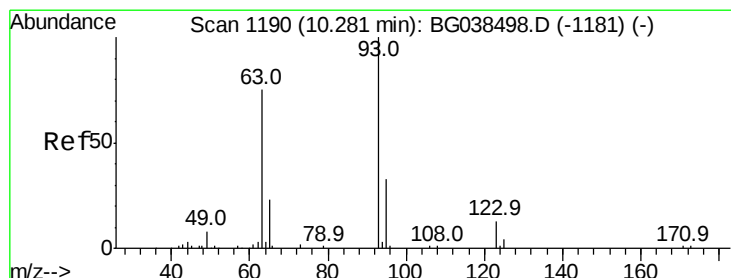
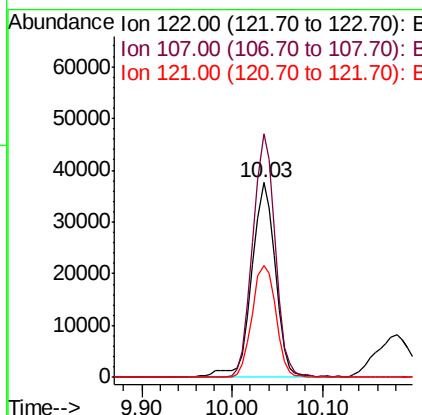
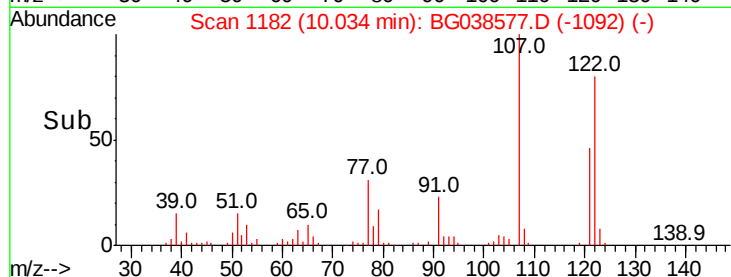
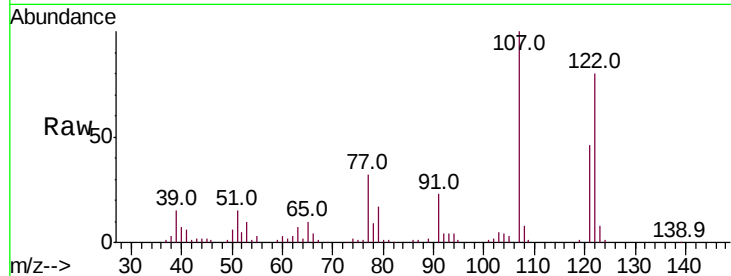
#27
2,4-Dimethylphenol
Concen: 48.282 ng
RT: 10.03 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BG038577.D
Acq: 14 Dec 2018 21:05

Instrument :
BNA_G
ClientSampleId :
PB115362BS

Tot Ion:122 Resp: 67980
Ion Ratio Lower Upper
122 100
107 125.1 98.4 147.6
121 57.6 47.2 70.8

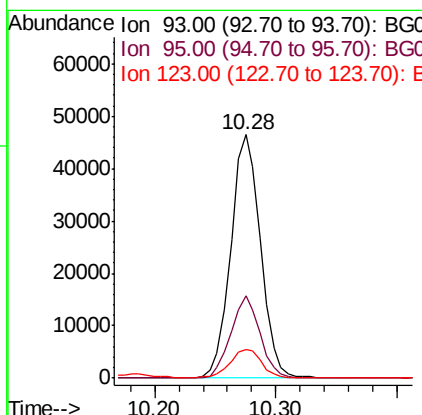
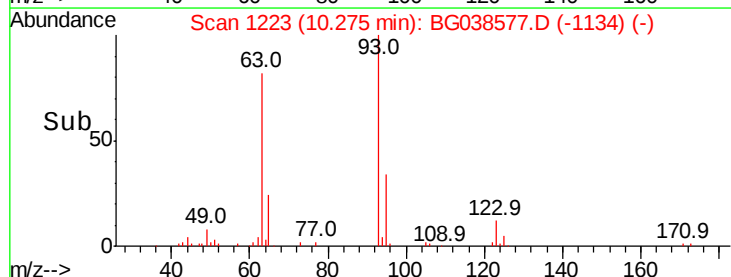
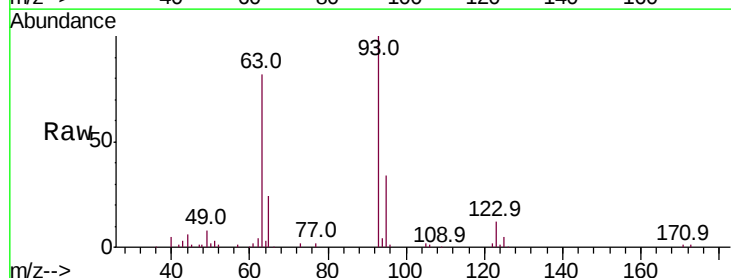
Manual Integrations
APPROVED

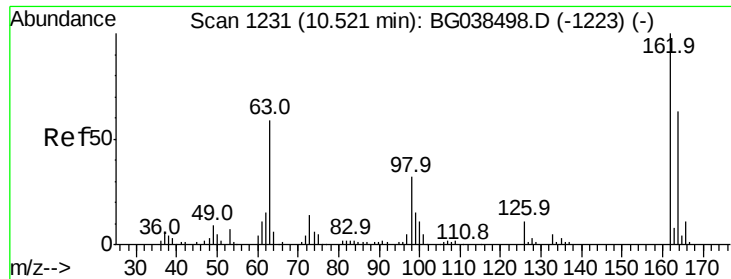
Sohil
12/17/2018 4:11:50 PM



#28
bis(2-Chloroethoxy)methane
Concen: 41.367 ng
RT: 10.28 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BG038577.D
Acq: 14 Dec 2018 21:05

Tgt Ion: 93 Resp: 79585
Ion Ratio Lower Upper
93 100
95 33.7 26.6 40.0
123 11.9 10.6 16.0





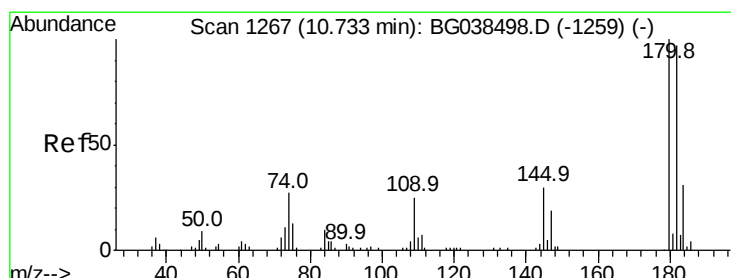
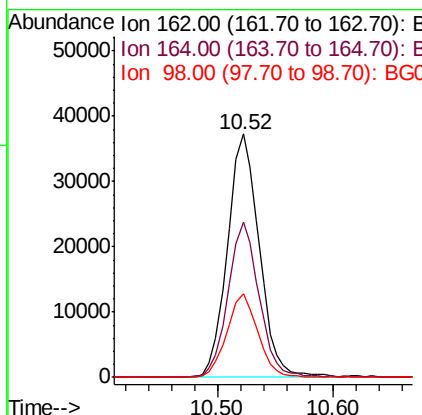
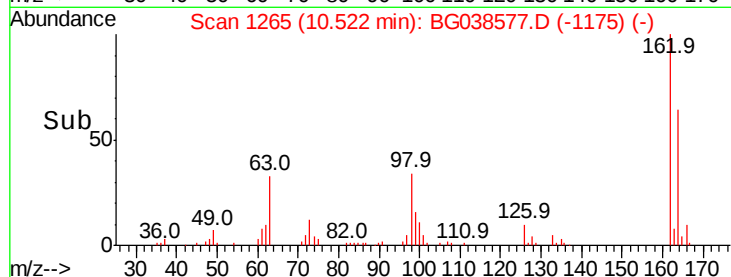
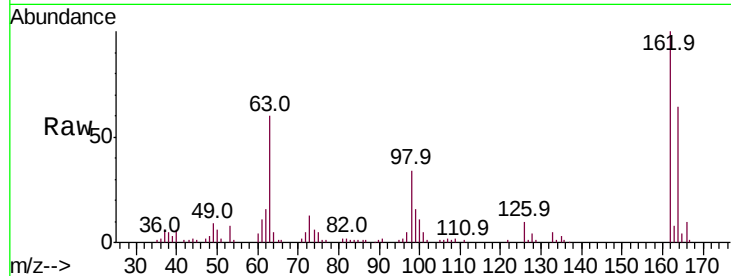
#29
 2,4-Dichlorophenol
 Concen: 45.370 ng
 RT: 10.52 min Scan# 1265
 Delta R.T. 0.00 min
 Lab File: BG038577.D
 Acq: 14 Dec 2018 21:05

Instrument :
 BNA_G
 ClientSampleId :
 PB115362BS

Tot Ion:	162	Resp:	71065
Ion Ratio	Lower	Upper	
162	100		
164	63.8	42.9	82.9
98	34.3	12.1	52.1

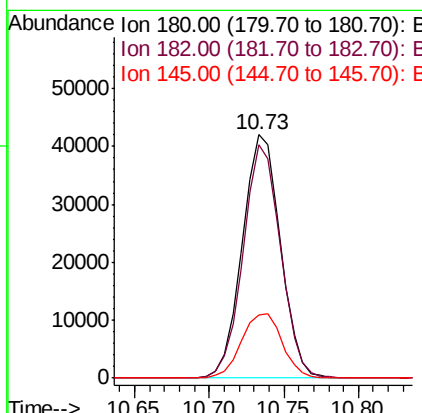
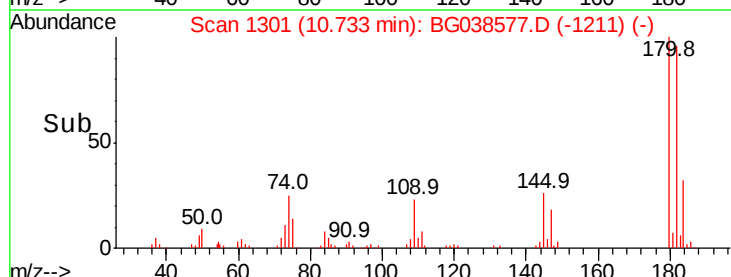
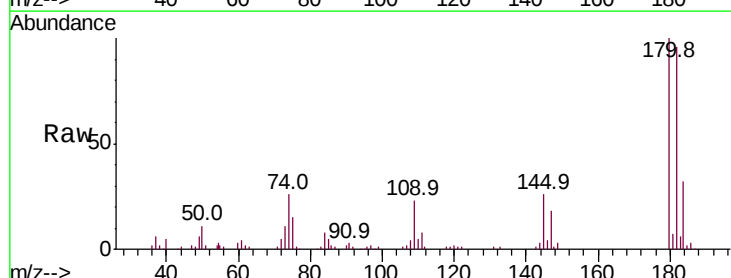
Manual Integrations
 APPROVED

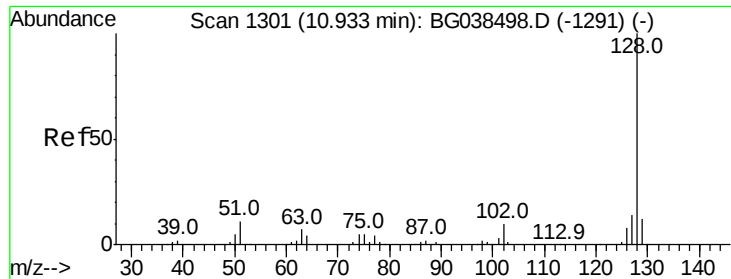
Sohil
 12/17/2018 4:11:50 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 39.206 ng
 RT: 10.73 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BG038577.D
 Acq: 14 Dec 2018 21:05

Tgt Ion:	180	Resp:	74177
Ion Ratio	Lower	Upper	
180	100		
182	96.0	77.4	116.0
145	26.2	24.1	36.1





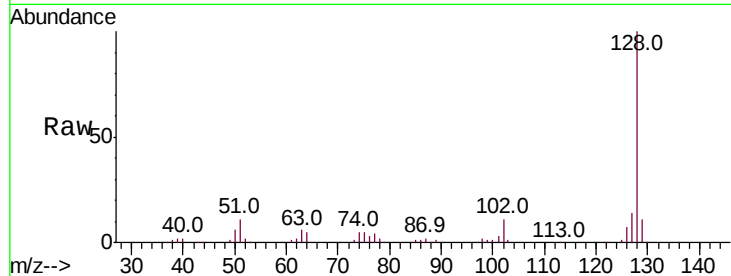
#31
Naphthalene
Concen: 43.002 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG038577.D
Acq: 14 Dec 2018 21:05

Instrument :
BNA_G
ClientSampleId :
PB115362BS

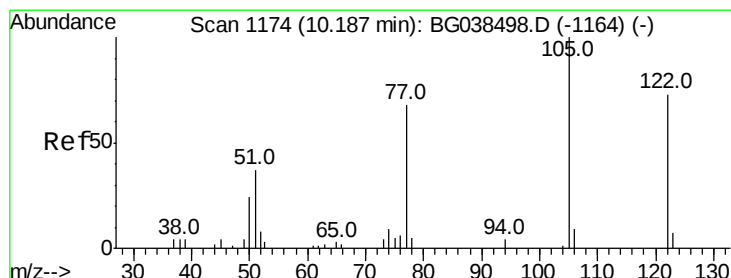
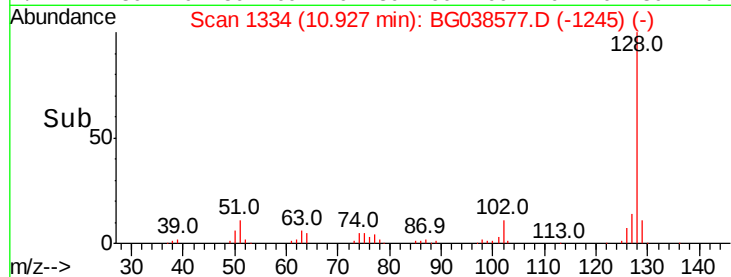
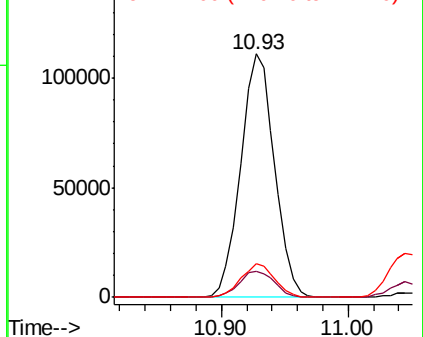
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.5	14.3
127	14.1	10.9	16.3

Manual Integrations
APPROVED

Sohil
12/17/2018 4:11:50 PM

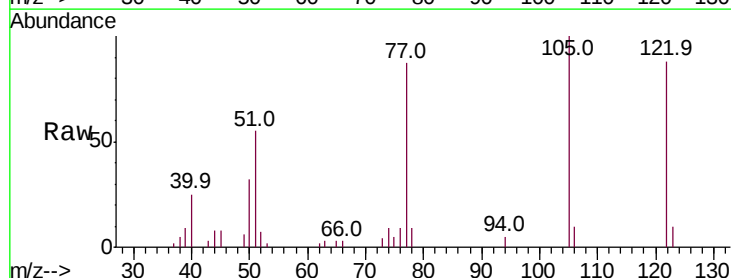


Abundance Ion 128.00 (127.70 to 128.70): E
150000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

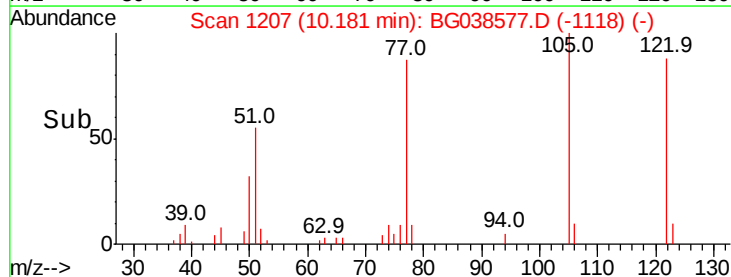
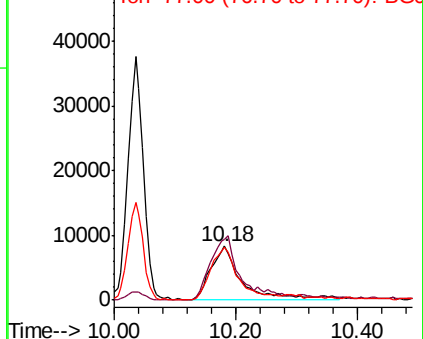


#32
Benzoic acid
Concen: 36.667 ng m
RT: 10.18 min Scan# 1207
Delta R.T. -0.00 min
Lab File: BG038577.D
Acq: 14 Dec 2018 21:05

Tgt Ion	Ratio	Lower	Upper
122	100		
105	113.4	116.7	156.7#
77	98.4	72.5	112.5



Abundance Ion 122.00 (121.70 to 122.70): E
50000 Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGO





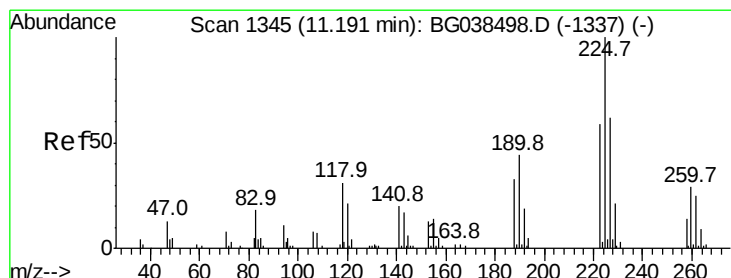
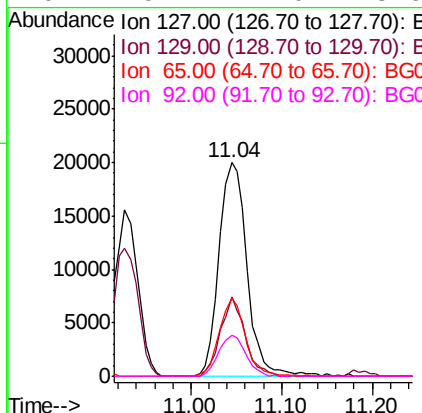
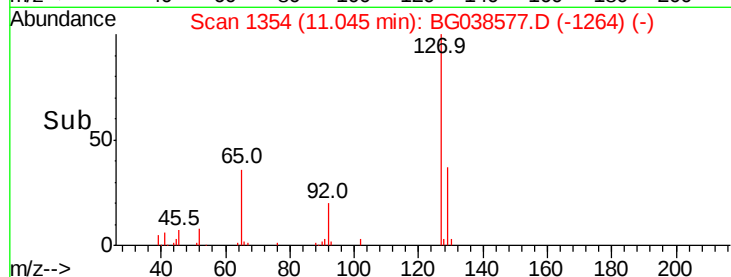
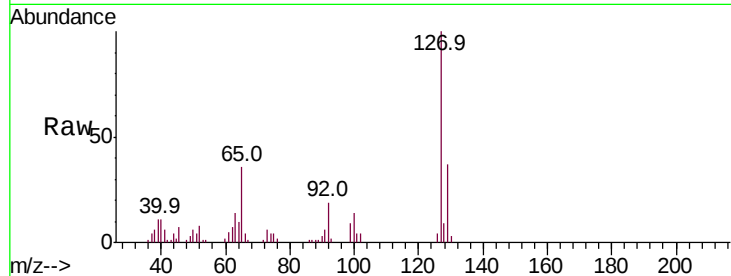
#33
4-Chloroaniline
Concen: 20.696 ng
RT: 11.04 min Scan# 1354
Delta R.T. 0.00 min
Lab File: BG038577.D
Acq: 14 Dec 2018 21:05

Instrument :
BNA_G
ClientSampleId :
PB115362BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	37.4	25.8	38.8
65	36.4	27.8	41.6
92	19.2	17.0	25.6

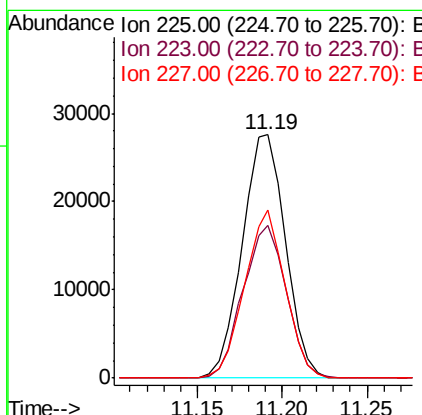
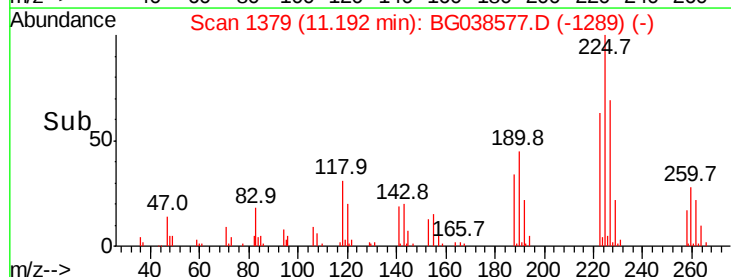
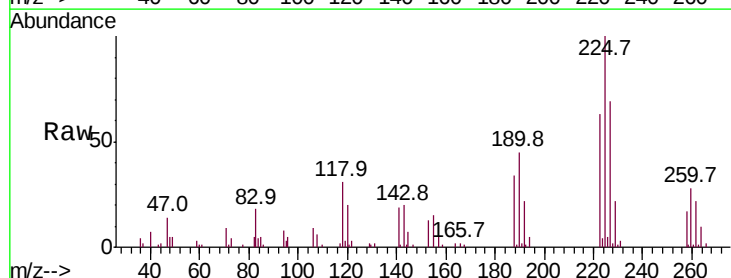
Manual Integrations
APPROVED

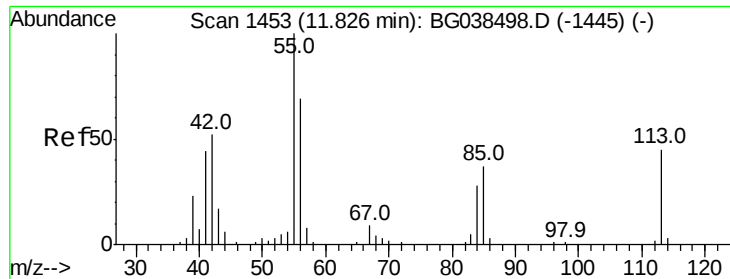
Sohil
12/17/2018 4:11:50 PM



#34
Hexachlorobutadiene
Concen: 38.426 ng
RT: 11.19 min Scan# 1379
Delta R.T. 0.00 min
Lab File: BG038577.D
Acq: 14 Dec 2018 21:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.5	45.0	67.6
227	71.2	50.6	75.8





#35

Caprolactam

Concen: 35.462 ng

RT: 11.83 min Scan# 1488

Delta R.T. 0.01 min

Lab File: BG038577.D

Acq: 14 Dec 2018 21:05

Instrument :

BNA_G

ClientSampled :

PB115362BS

Tot Ion:113 Resp: 22987

Ion Ratio Lower Upper

113 100

55 226.0 204.3 244.3

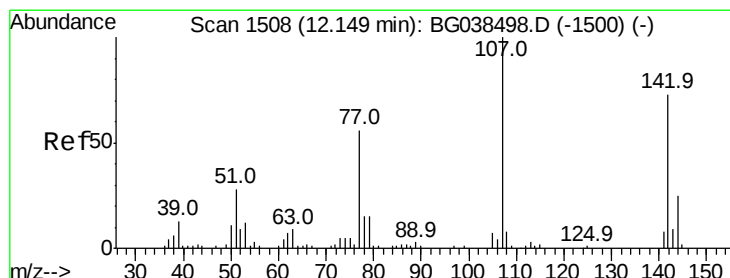
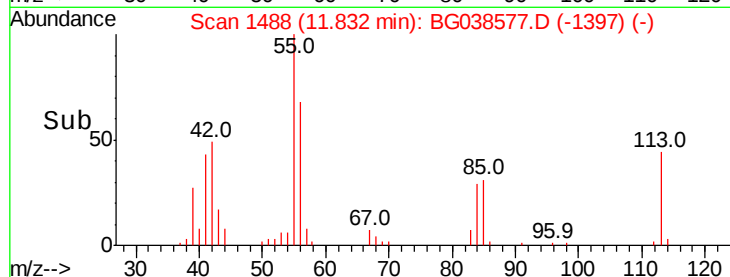
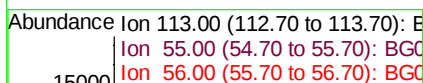
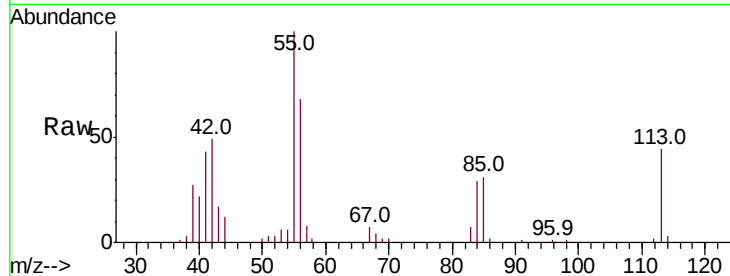
56 154.6 135.0 175.0

Manual Integrations

APPROVED

Sohil

12/17/2018 4:11:50 PM



#36

4-Chloro-3-methylphenol

Concen: 40.570 ng

RT: 12.16 min Scan# 1543

Delta R.T. 0.01 min

Lab File: BG038577.D

Acq: 14 Dec 2018 21:05

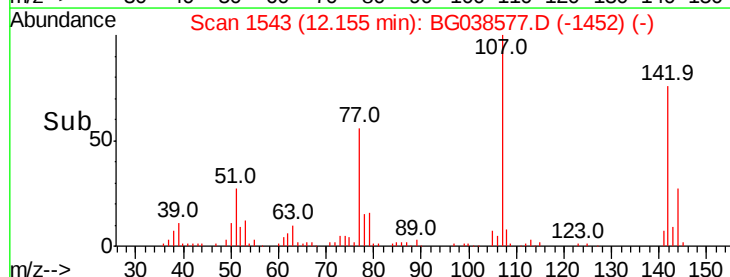
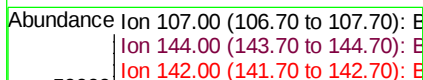
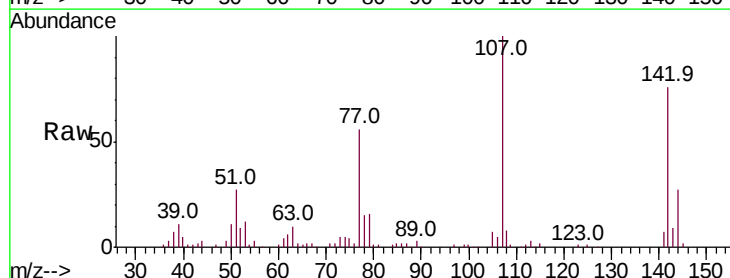
Tgt Ion:107 Resp: 72518

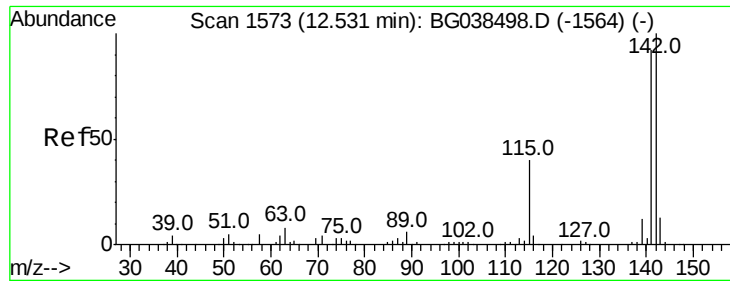
Ion Ratio Lower Upper

107 100

144 26.7 20.1 30.1

142 76.4 58.7 88.1





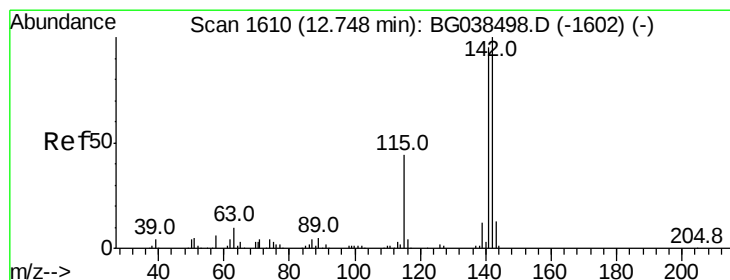
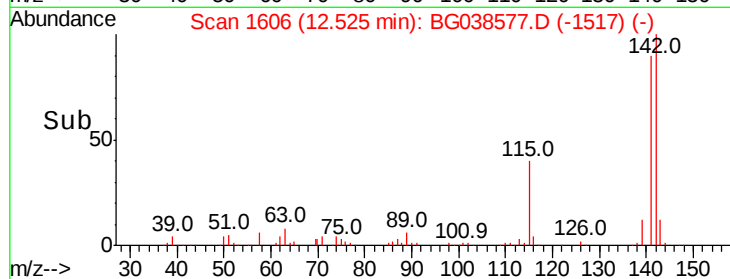
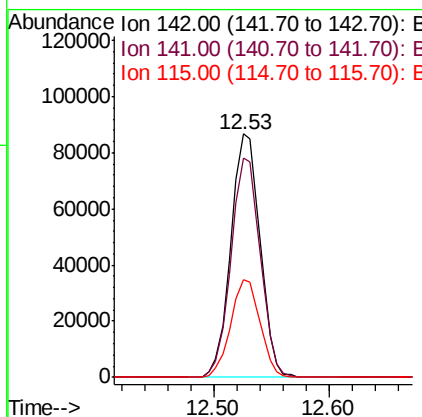
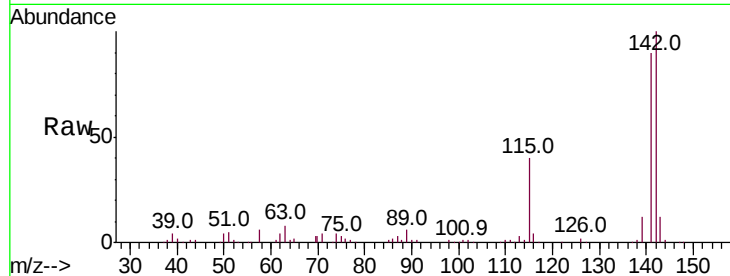
#37
 2-Methylnaphthalene
 Concen: 44.645 ng
 RT: 12.53 min Scan# 1606
 Delta R.T. -0.01 min
 Lab File: BG038577.D
 Acq: 14 Dec 2018 21:05

Instrument :
 BNA_G
 ClientSampleID :
 PB115362BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	73.5	110.3
115	40.3	31.7	47.5

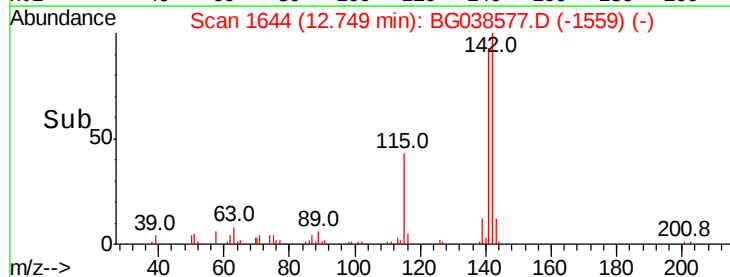
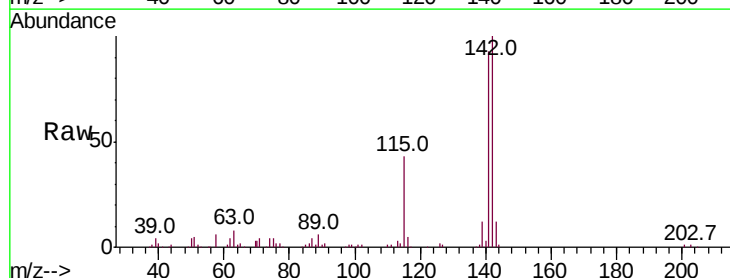
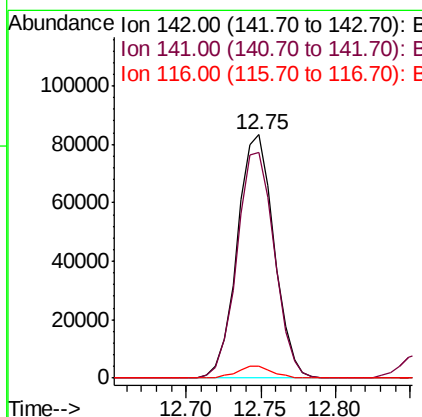
Manual Integrations
 APPROVED

Sohil
 12/17/2018 4:11:50 PM



#38
 1-Methylnaphthalene
 Concen: 43.083 ng
 RT: 12.75 min Scan# 1644
 Delta R.T. 0.00 min
 Lab File: BG038577.D
 Acq: 14 Dec 2018 21:05

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.9	75.8	113.8
116	4.9	3.6	5.4





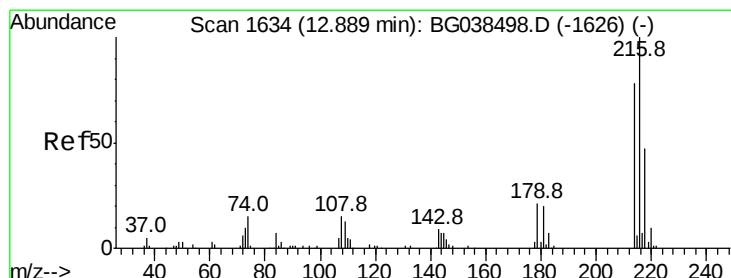
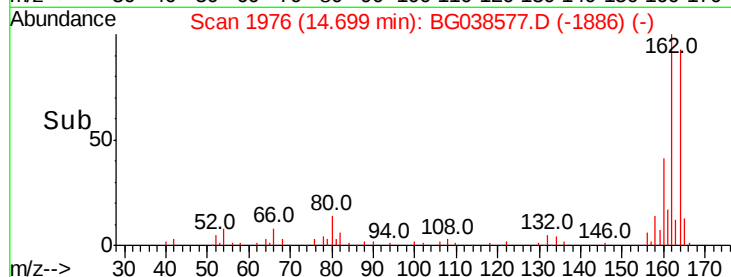
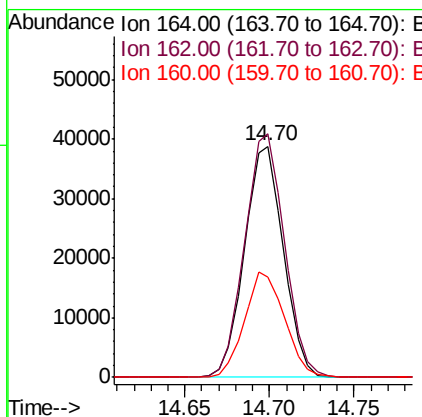
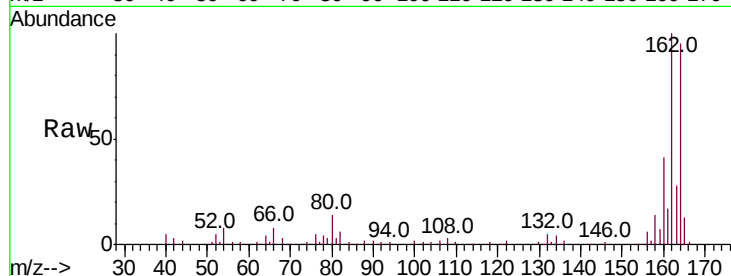
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. 0.00 min
Lab File: BG038577.D
Acq: 14 Dec 2018 21:05

Instrument :
BNA_G
ClientSampleId :
PB115362BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.4	86.6	130.0
160	43.5	34.2	51.2

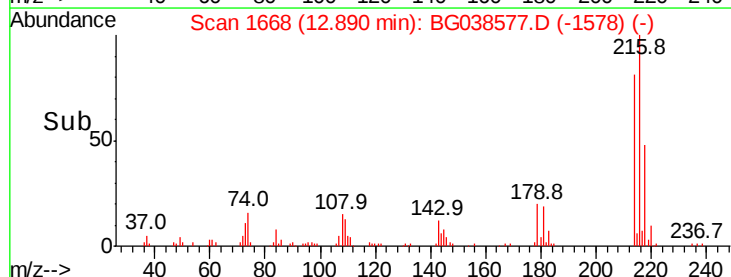
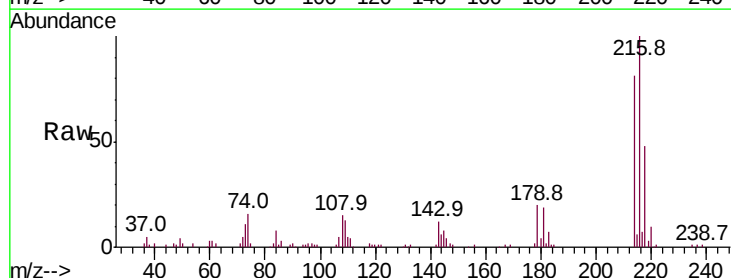
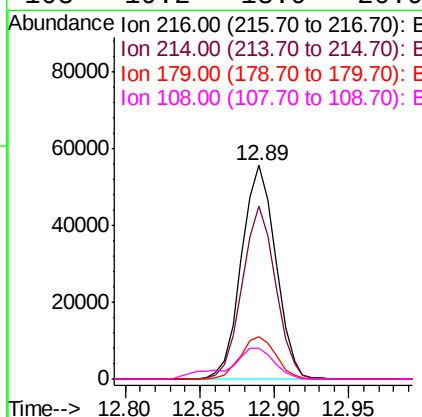
Manual Integrations
APPROVED

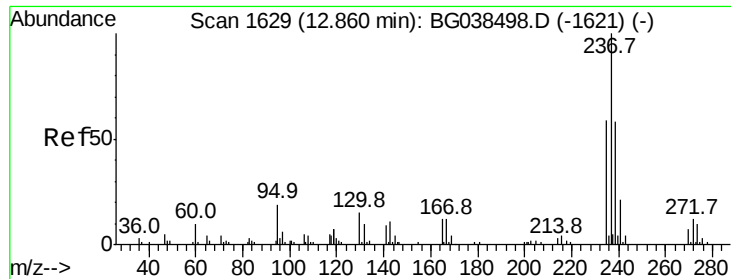
Sohil
12/17/2018 4:11:50 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.058 ng
RT: 12.89 min Scan# 1668
Delta R.T. 0.00 min
Lab File: BG038577.D
Acq: 14 Dec 2018 21:05

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.6	64.1	96.1
179	20.4	16.4	24.6
108	19.2	13.9	20.9





#41

Hexachlorocyclopentadiene

Concen: 93.243 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG038577.D

Acq: 14 Dec 2018 21:05

Instrument :

BNA_G

ClientSampleId :

PB115362BS

Tot Ion:237 Resp: 118892

Ion Ratio Lower Upper

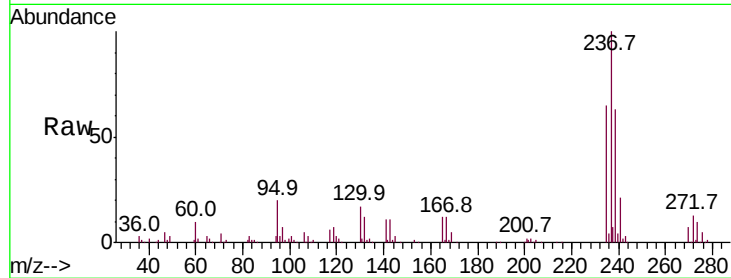
237 100

235 64.9 38.8 78.8

272 13.4 0.0 32.0

Manual Integrations
APPROVED

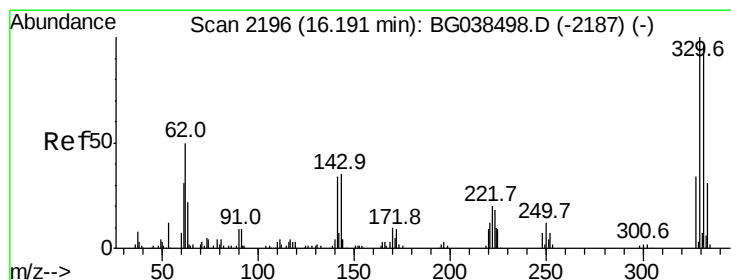
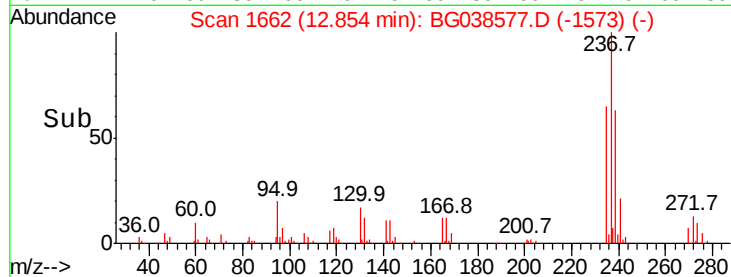
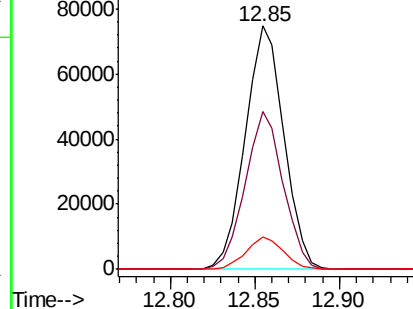
Sohil
12/17/2018 4:11:50 PM



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: 123.310 ng

RT: 16.19 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BG038577.D

Acq: 14 Dec 2018 21:05

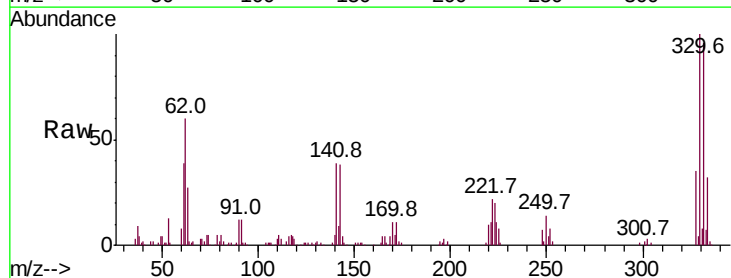
Tgt Ion:330 Resp: 105516

Ion Ratio Lower Upper

330 100

332 96.6 76.9 115.3

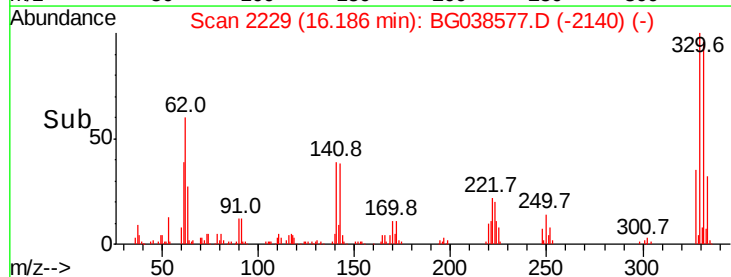
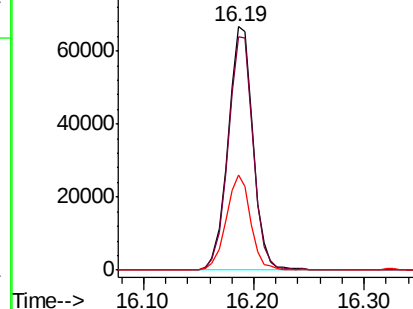
141 38.0 28.8 43.2



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





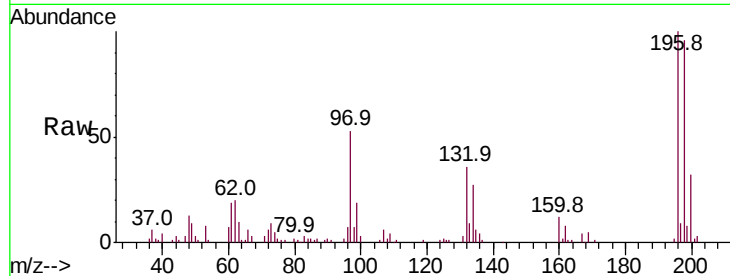
#43
 2,4,6-Trichlorophenol
 Concen: 42.147 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. 0.00 min
 Lab File: BG038577.D
 Acq: 14 Dec 2018 21:05

Instrument :
 BNA_G
 ClientSampleId :
 PB115362BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	60144		
198	96.1	75.0	112.4	
200	32.1	22.4	33.6	

Manual Integrations
 APPROVED

Sohil
 12/17/2018 4:11:50 PM

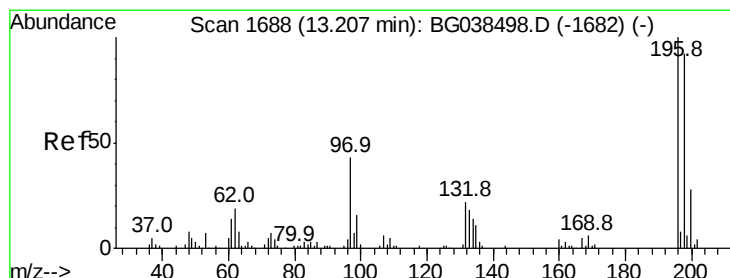
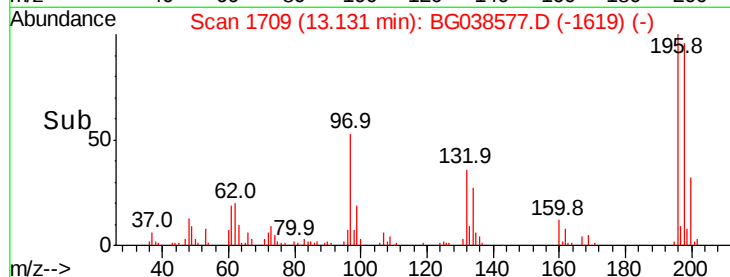
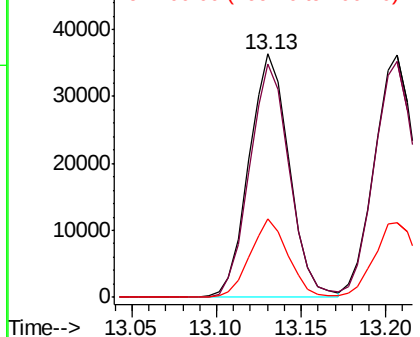


Abundance

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: 41.517 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. 0.00 min
 Lab File: BG038577.D
 Acq: 14 Dec 2018 21:05

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	62727		
198	97.1	74.0	111.0	
97	42.0	35.1	52.7	
132	23.7	18.0	27.0	

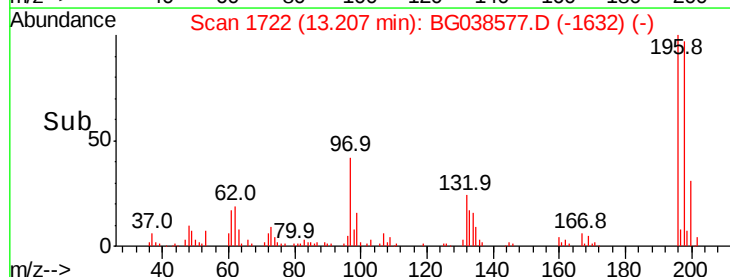
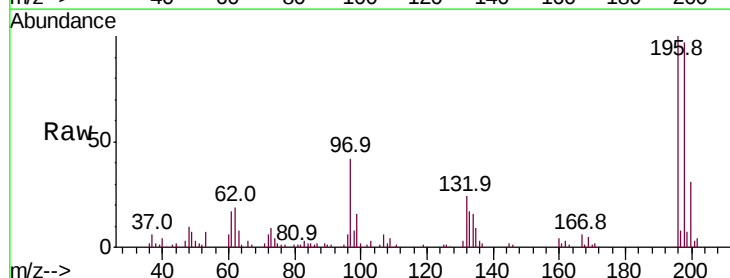
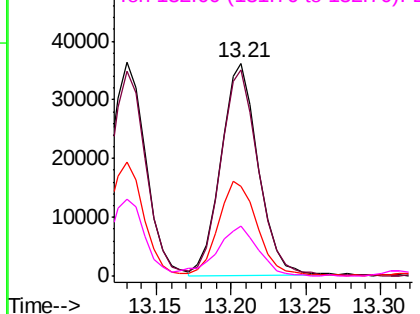
Abundance

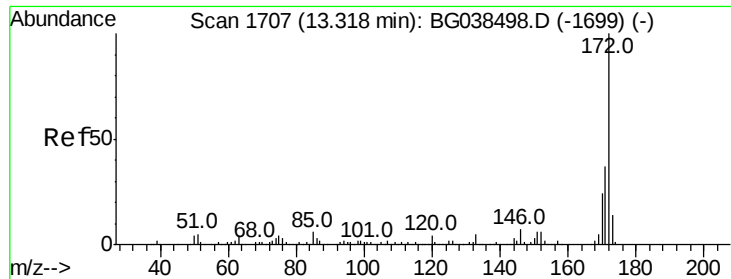
Ion 196.00 (195.70 to 196.70): E

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





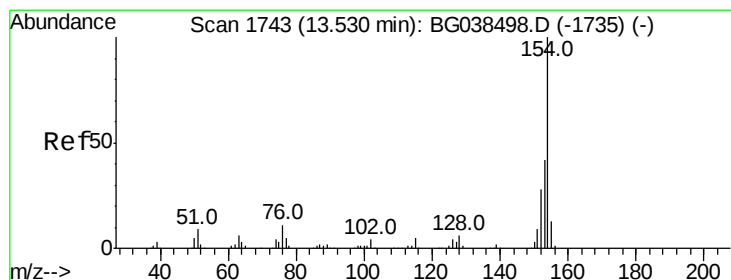
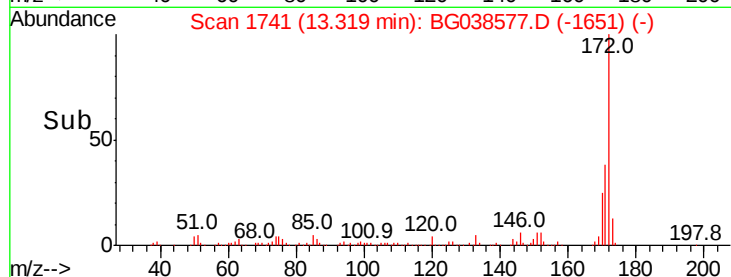
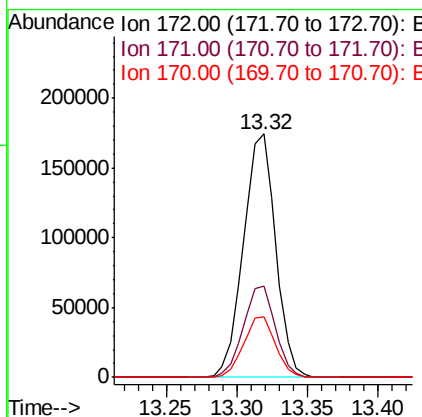
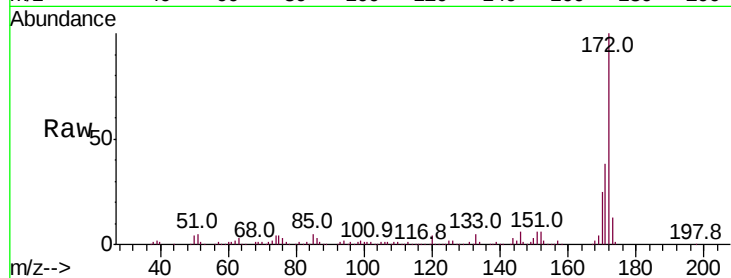
#45
2-Fluorobiphenyl
Concen: 61.552 ng
RT: 13.32 min Scan# 1741
Delta R.T. 0.00 min
Lab File: BG038577.D
Acq: 14 Dec 2018 21:05

Instrument :
BNA_G
ClientSampleId :
PB115362BS

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	37.7	29.8	44.6	
170	24.6	19.5	29.3	

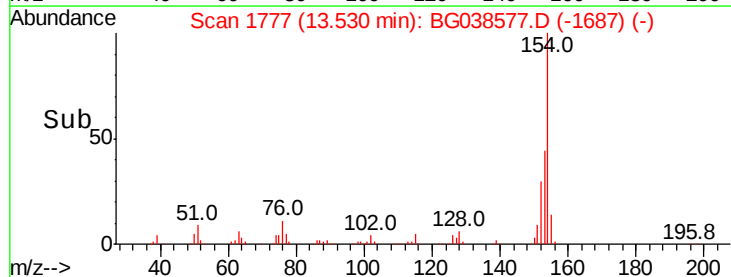
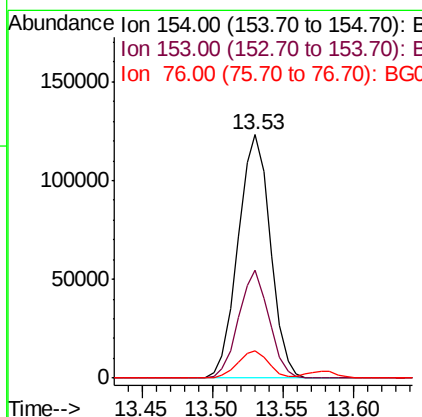
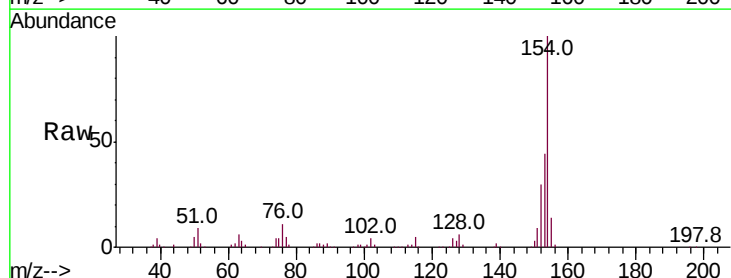
Manual Integrations
APPROVED

Sohil
12/17/2018 4:11:50 PM



#46
1,1'-Biphenyl
Concen: 37.788 ng
RT: 13.53 min Scan# 1777
Delta R.T. 0.00 min
Lab File: BG038577.D
Acq: 14 Dec 2018 21:05

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	44.3	22.1	62.1	
76	11.2	0.0	31.2	





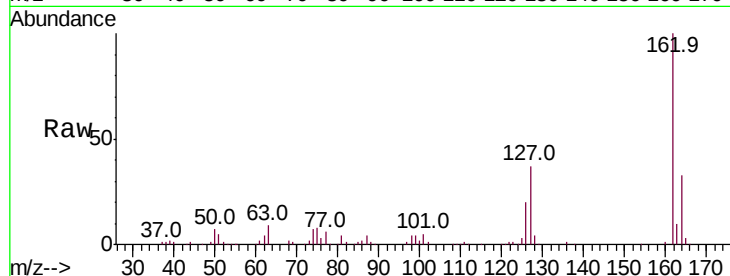
#47
 2-Chloronaphthalene
 Concen: 39.386 ng
 RT: 13.58 min Scan# 1785
 Delta R.T. -0.01 min
 Lab File: BG038577.D
 Acq: 14 Dec 2018 21:05

Instrument :
 BNA_G
 ClientSampleId :
 PB115362BS

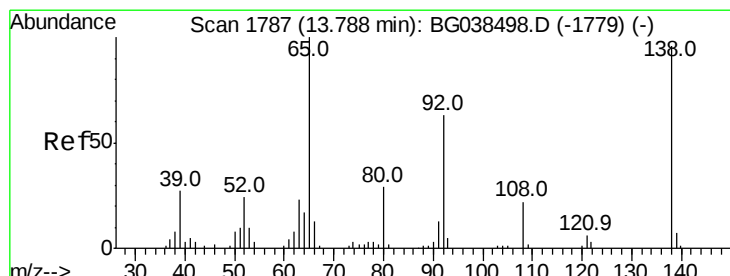
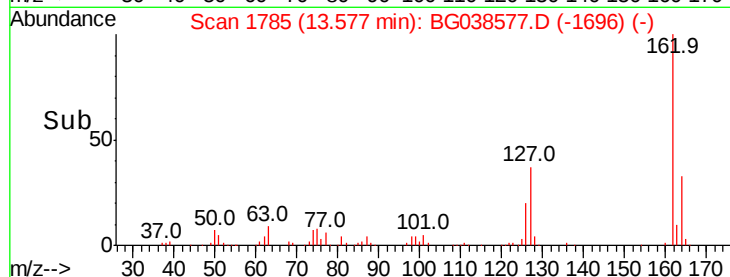
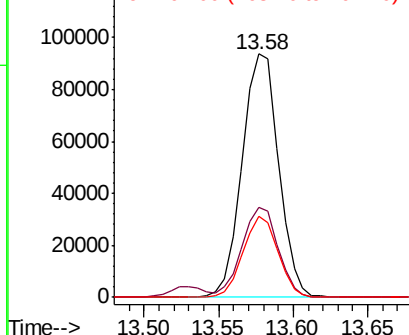
Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	37.2	27.8	41.8
164	33.1	26.9	40.3

Manual Integrations
 APPROVED

Sohil
 12/17/2018 4:11:50 PM

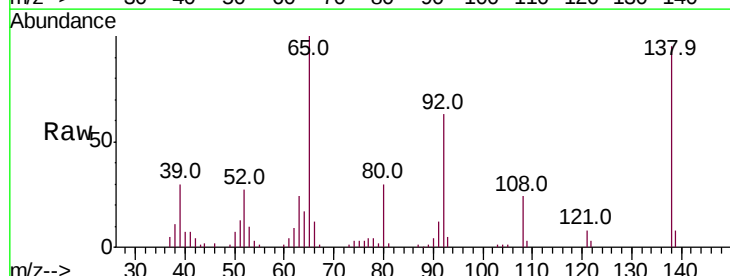


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

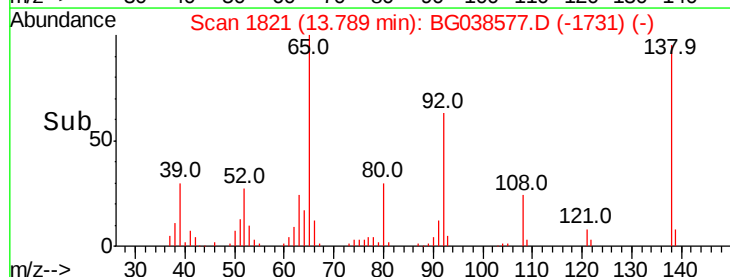
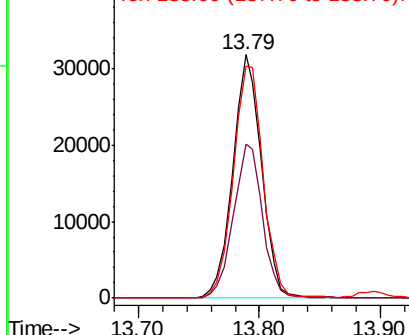


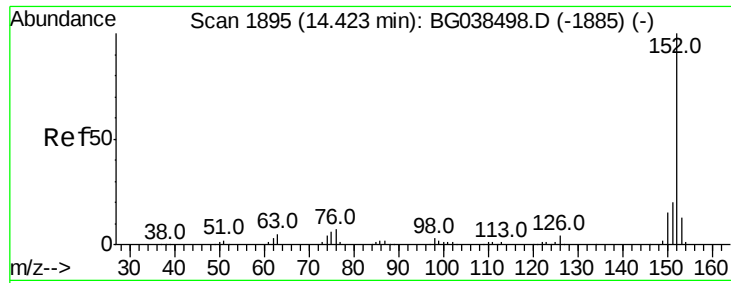
#48
 2-Nitroaniline
 Concen: 41.000 ng
 RT: 13.79 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: BG038577.D
 Acq: 14 Dec 2018 21:05

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	63.2	50.0	75.0
138	95.3	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: 42.217 ng

RT: 14.42 min Scan# 1929

Delta R.T. 0.00 min

Lab File: BG038577.D

Acq: 14 Dec 2018 21:05

Instrument :

BNA_G

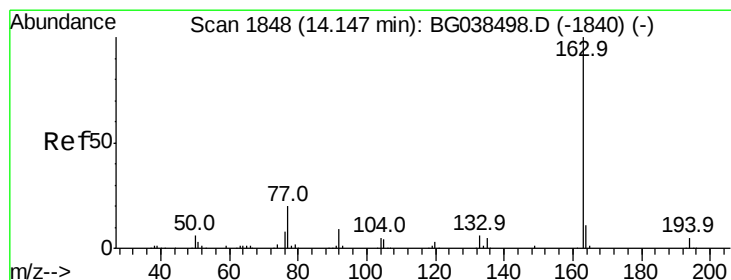
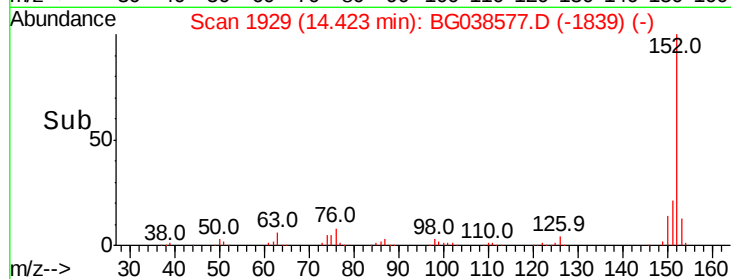
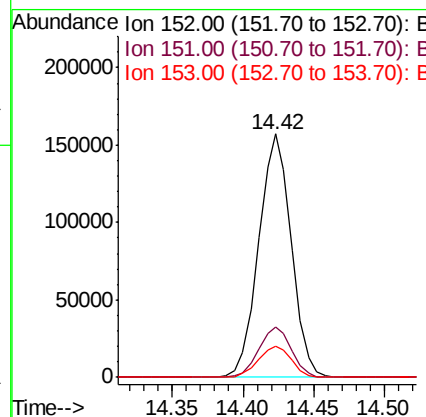
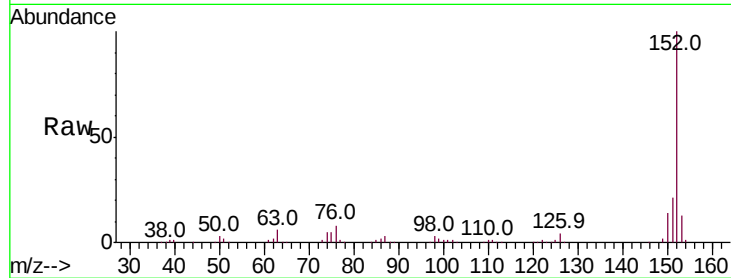
ClientSampleId :

PB115362BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.4	24.6
153	13.0	10.4	15.6

Manual Integrations
APPROVED

Sohil
12/17/2018 4:11:50 PM



#50

Dimethylphthalate

Concen: 40.368 ng

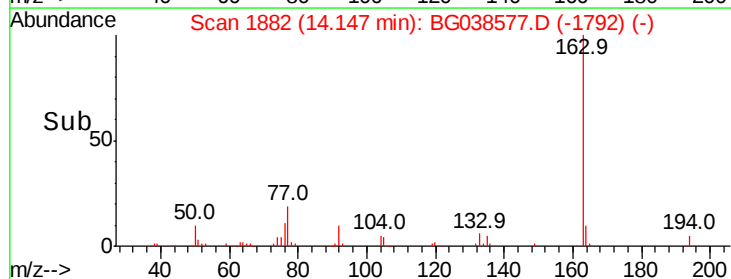
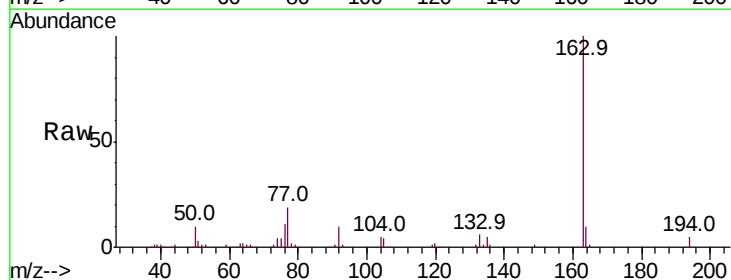
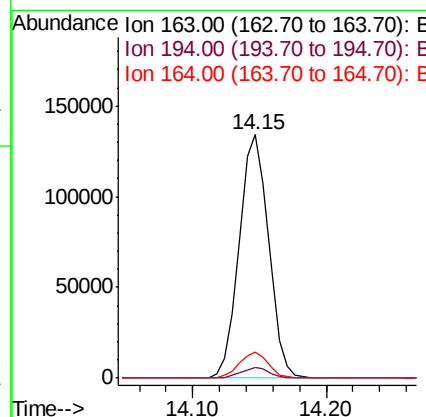
RT: 14.15 min Scan# 1882

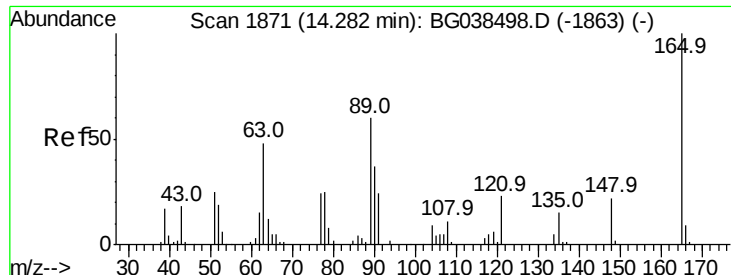
Delta R.T. 0.00 min

Lab File: BG038577.D

Acq: 14 Dec 2018 21:05

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.7	5.5
164	10.5	8.6	12.8





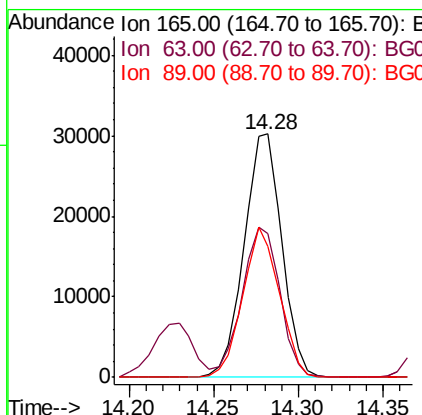
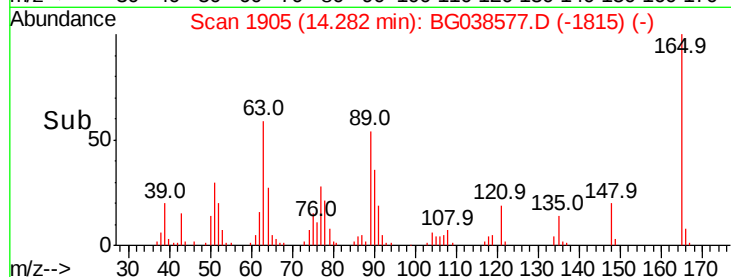
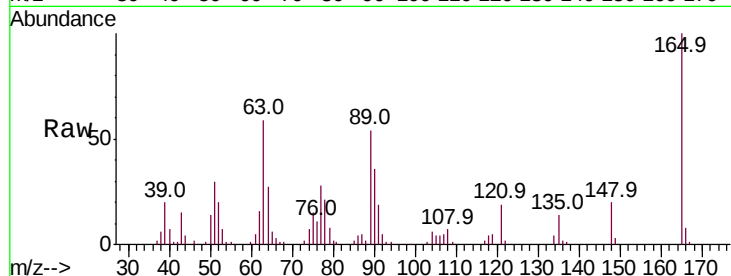
#51
2,6-Dinitrotoluene
Concen: 40.939 ng
RT: 14.28 min Scan# 1905
Delta R.T. 0.00 min
Lab File: BG038577.D
Acq: 14 Dec 2018 21:05

Instrument :
BNA_G
ClientSampleId :
PB115362BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	47041		
63	59.0		51.8	77.6
89	53.6		47.9	71.9

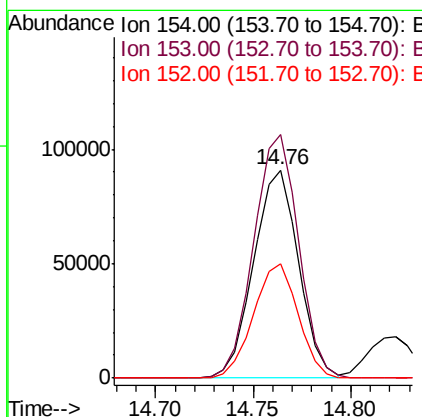
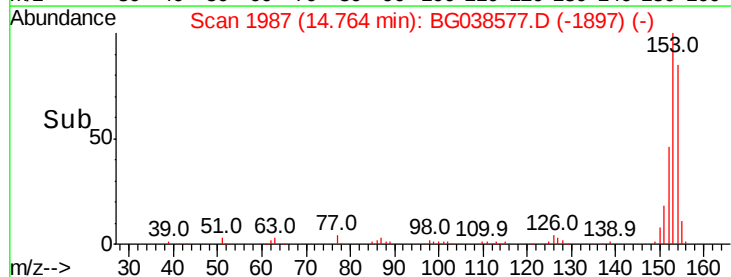
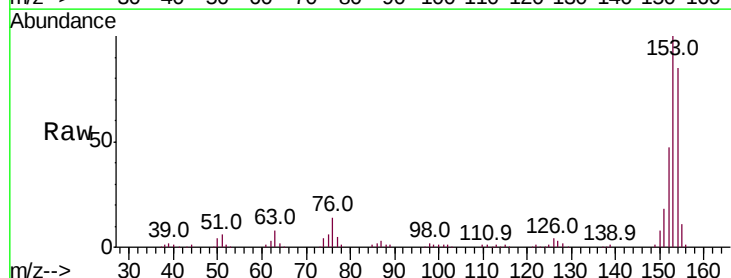
Manual Integrations
APPROVED

Sohil
12/17/2018 4:11:50 PM



#52
Acenaphthene
Concen: 40.240 ng
RT: 14.76 min Scan# 1987
Delta R.T. 0.00 min
Lab File: BG038577.D
Acq: 14 Dec 2018 21:05

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	144631		
153	117.0		90.6	136.0
152	54.8		43.5	65.3





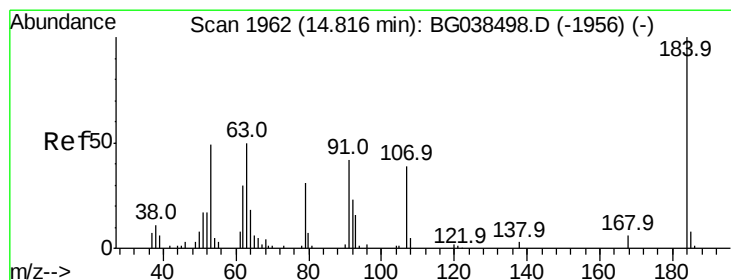
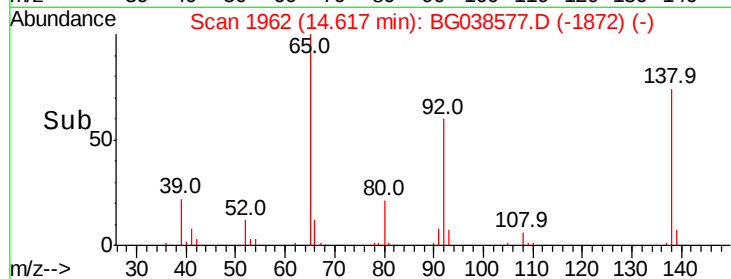
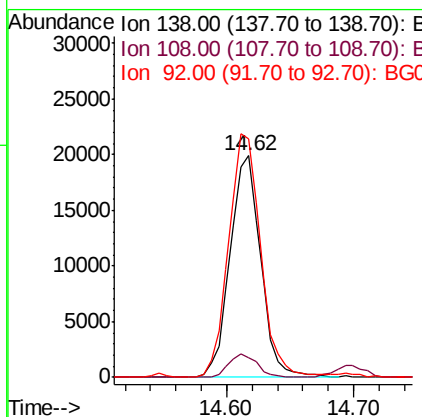
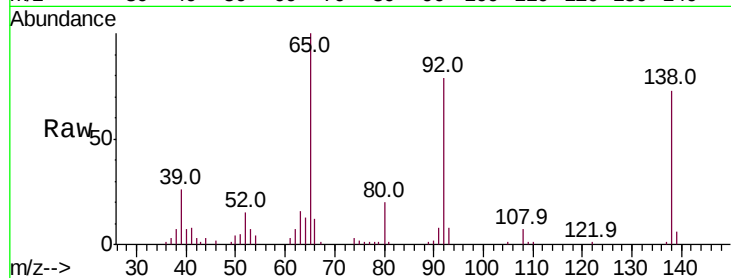
#53
3-Nitroaniline
Concen: 28.381 ng
RT: 14.62 min Scan# 1962
Delta R.T. 0.00 min
Lab File: BG038577.D
Acq: 14 Dec 2018 21:05

Instrument :
BNA_G
ClientSampleId :
PB115362BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.0	7.9	11.9
92	107.4	95.3	142.9

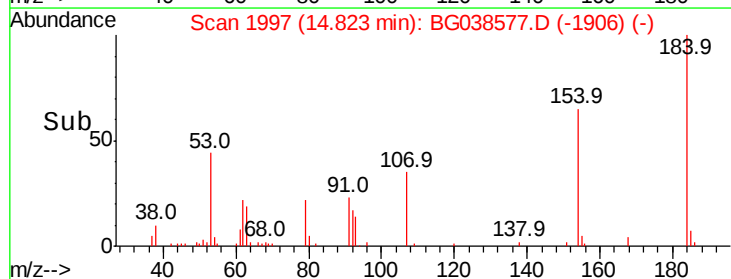
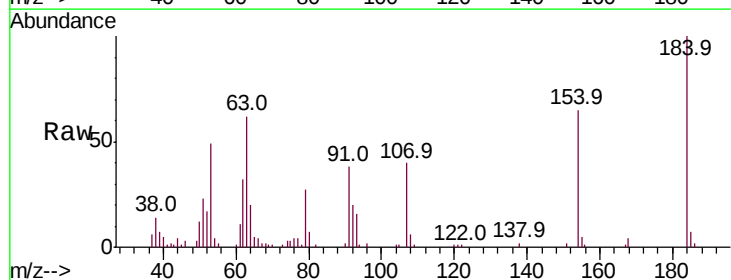
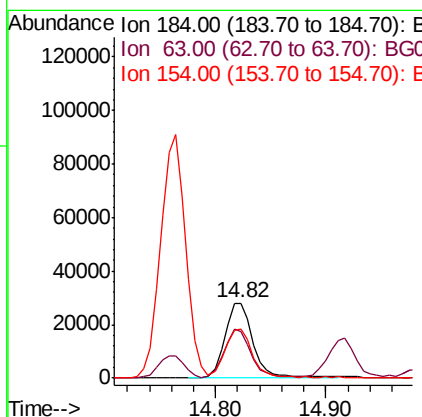
Manual Integrations
APPROVED

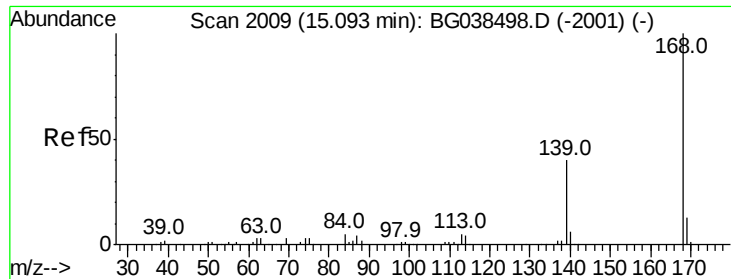
Sohil
12/17/2018 4:11:50 PM



#54
2,4-Dinitrophenol
Concen: 73.623 ng
RT: 14.82 min Scan# 1997
Delta R.T. 0.01 min
Lab File: BG038577.D
Acq: 14 Dec 2018 21:05

Tgt Ion	Ratio	Lower	Upper
184	100		
63	62.2	47.0	70.6
154	65.3	50.3	75.5





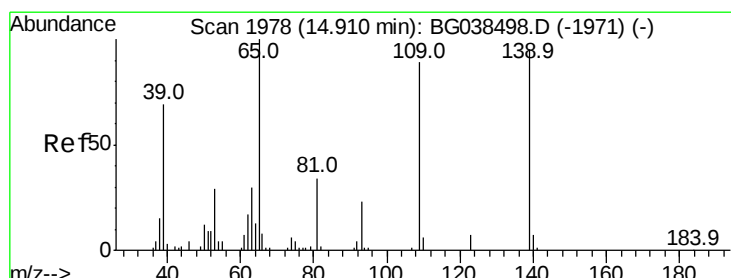
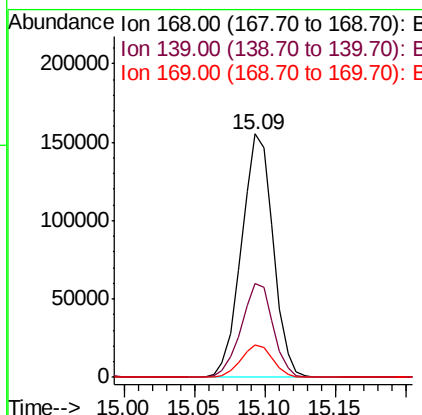
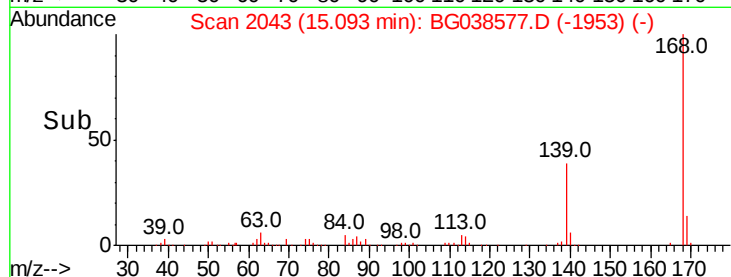
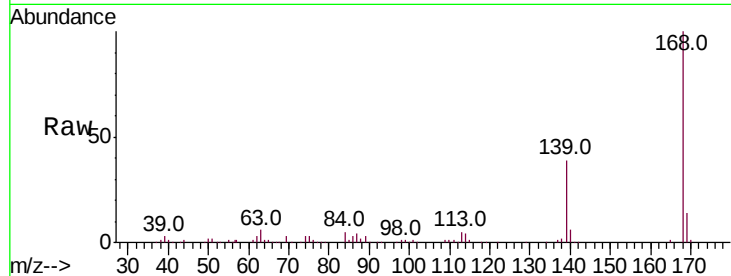
#55
Dibenzenofuran
Concen: 39.464 ng
RT: 15.09 min Scan# 2043
Delta R.T. 0.00 min
Lab File: BG038577.D
Acq: 14 Dec 2018 21:05

Instrument :
BNA_G
ClientSampleId :
PB115362BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.7	32.2	48.2
169	13.5	10.6	16.0

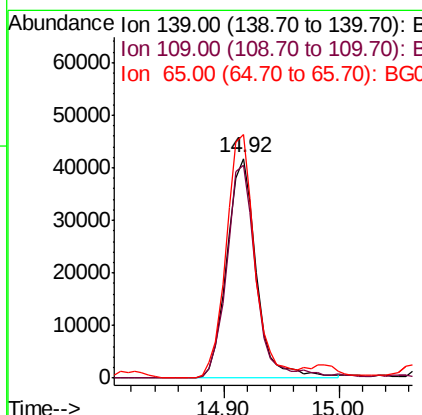
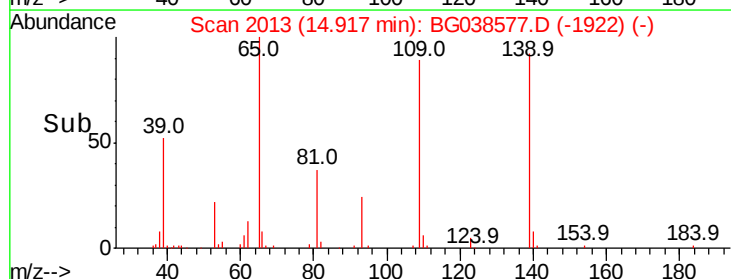
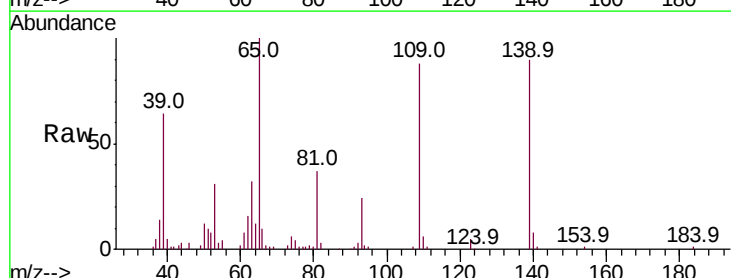
Manual Integrations
APPROVED

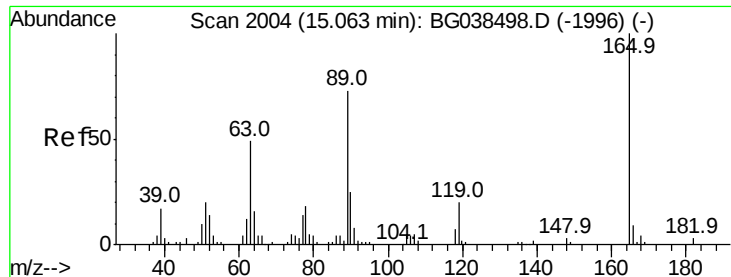
Sohil
12/17/2018 4:11:50 PM



#56
4-Nitrophenol
Concen: 83.126 ng
RT: 14.92 min Scan# 2013
Delta R.T. 0.01 min
Lab File: BG038577.D
Acq: 14 Dec 2018 21:05

Tgt Ion	Ratio	Lower	Upper
139	100		
109	97.1	73.6	113.6
65	110.8	84.8	124.8





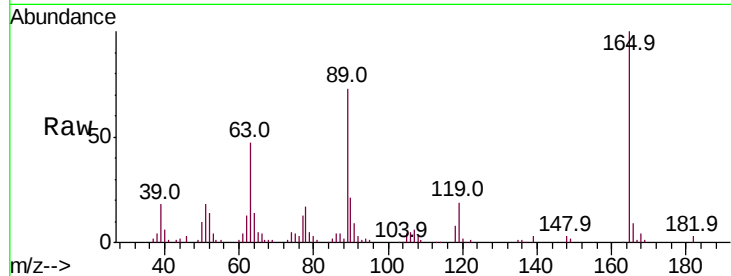
#57
2,4-Dinitrotoluene
Concen: 41.310 ng
RT: 15.06 min Scan# 2038
Delta R.T. 0.00 min
Lab File: BG038577.D
Acq: 14 Dec 2018 21:05

Instrument :
BNA_G
ClientSampleId :
PB115362BS

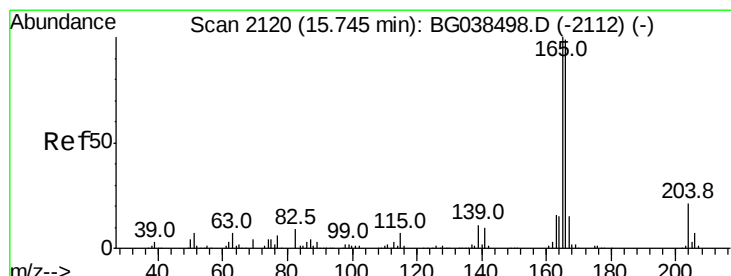
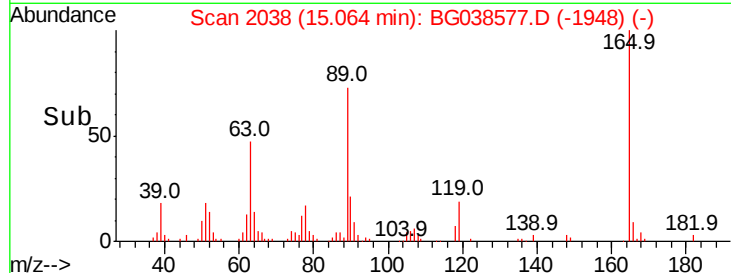
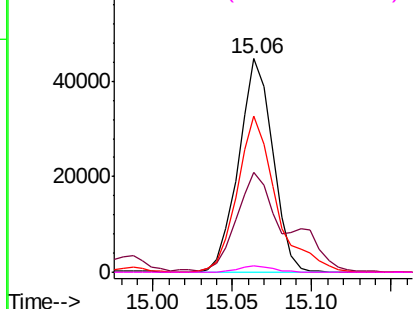
Tot Ion	Ratio	Resp	Lower	Upper
165	100	66855		
63	46.9		39.0	58.4
89	73.1		58.0	87.0
182	2.9		2.3	3.5

Manual Integrations
APPROVED

Sohil
12/17/2018 4:11:50 PM



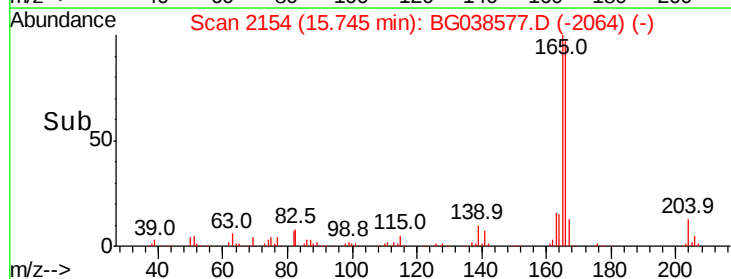
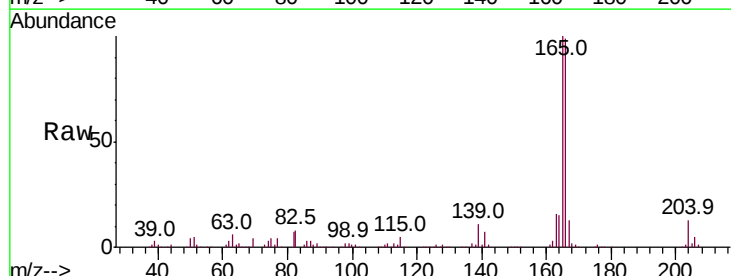
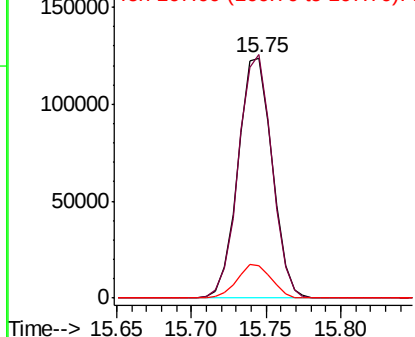
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

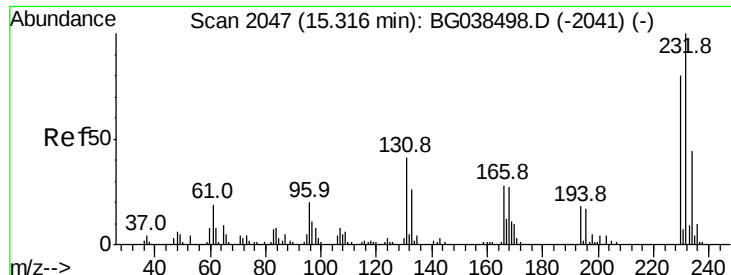


#58
Fluorene
Concen: 43.048 ng
RT: 15.75 min Scan# 2154
Delta R.T. 0.00 min
Lab File: BG038577.D
Acq: 14 Dec 2018 21:05

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	196493		
165	101.5		80.6	120.8
167	13.6		12.0	18.0

Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





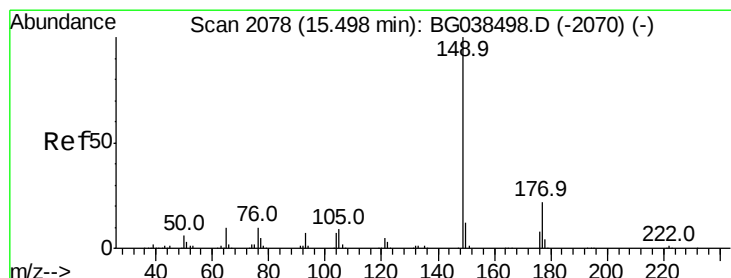
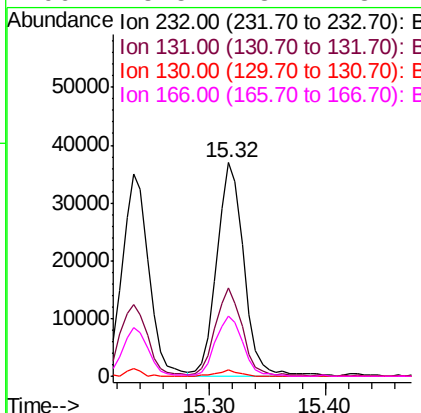
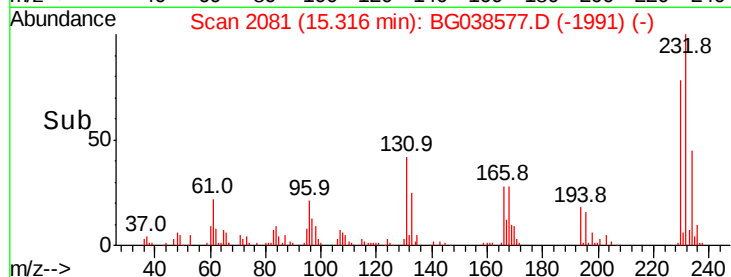
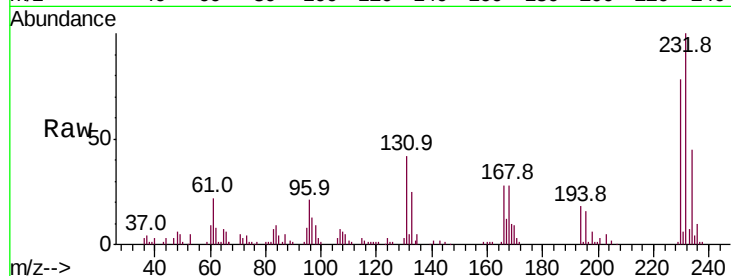
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.451 ng
 RT: 15.32 min Scan# 2081
 Delta R.T. 0.00 min
 Lab File: BG038577.D
 Acq: 14 Dec 2018 21:05

Instrument :
 BNA_G
 ClientSampleId :
 PB115362BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	39.5	33.0	49.4
130	2.3	2.0	3.0
166	28.5	23.1	34.7

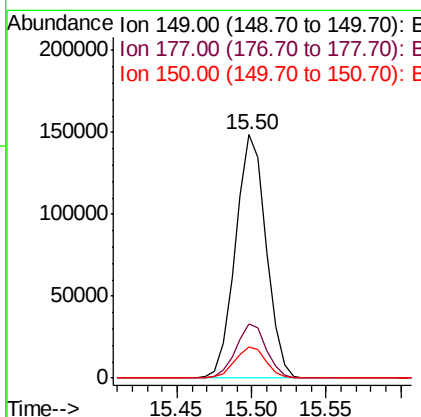
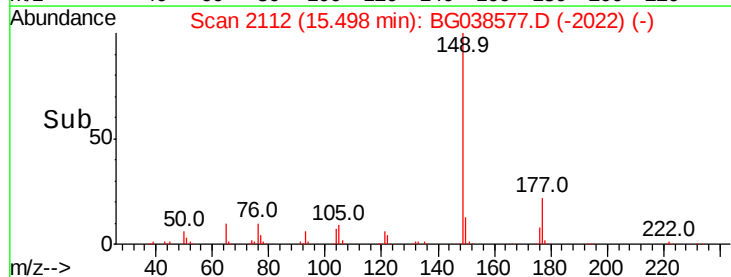
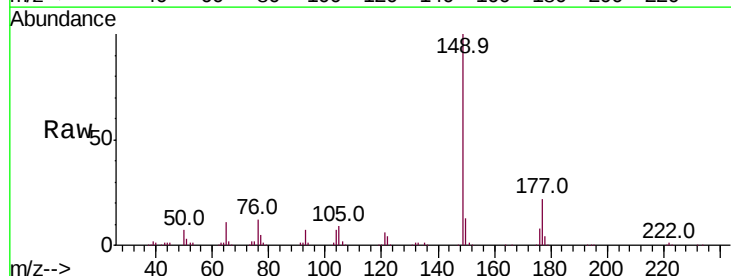
Manual Integrations
 APPROVED

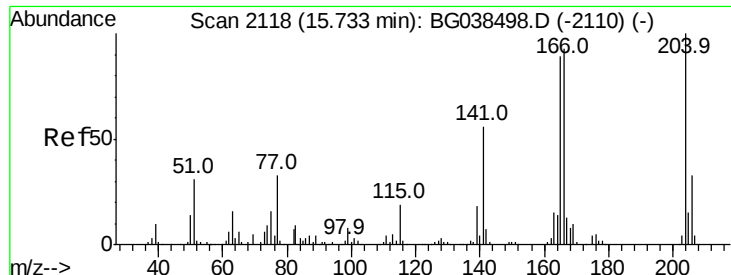
Sohil
 12/17/2018 4:11:50 PM



#60
 Diethylphthalate
 Concen: 38.073 ng
 RT: 15.50 min Scan# 2112
 Delta R.T. 0.00 min
 Lab File: BG038577.D
 Acq: 14 Dec 2018 21:05

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.5	17.7	26.5
150	13.0	9.9	14.9





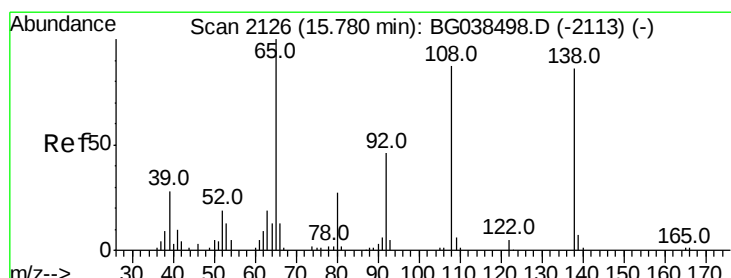
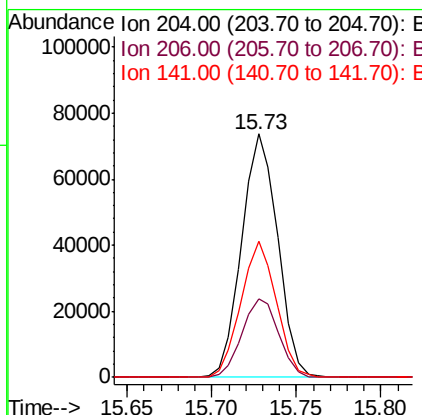
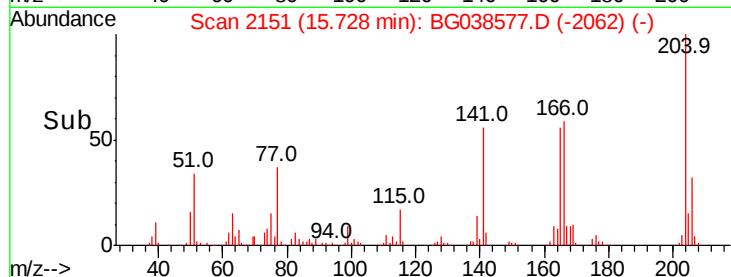
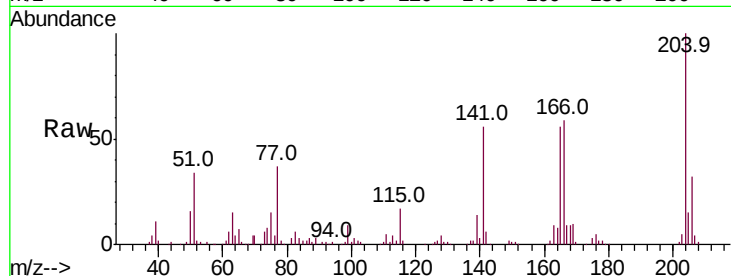
#61
4-Chlorophenyl-phenylether
Concen: 38.291 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BG038577.D
Acq: 14 Dec 2018 21:05

Instrument :
BNA_G
ClientSampled :
PB115362BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.0	26.0	39.0
141	55.9	44.4	66.6

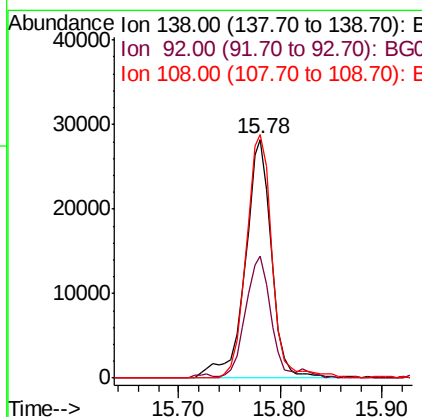
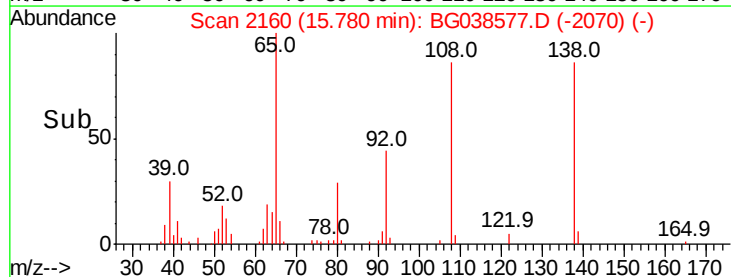
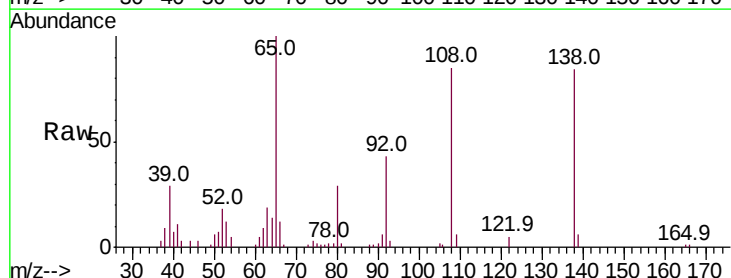
Manual Integrations
APPROVED

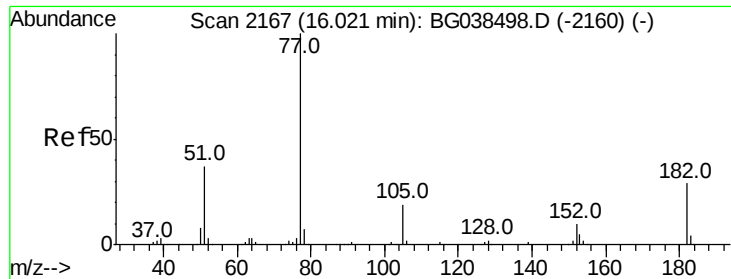
Sohil
12/17/2018 4:11:50 PM



#62
4-Nitroaniline
Concen: 41.867 ng
RT: 15.78 min Scan# 2160
Delta R.T. 0.00 min
Lab File: BG038577.D
Acq: 14 Dec 2018 21:05

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.2	33.3	73.3
108	101.9	81.4	121.4





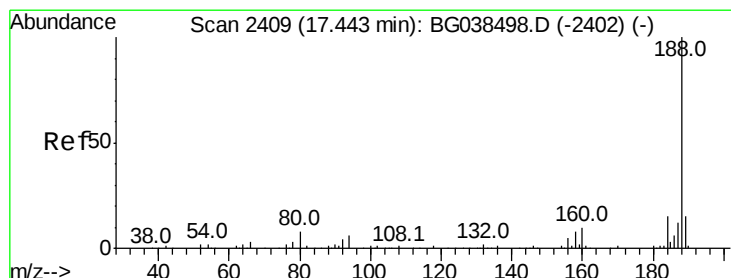
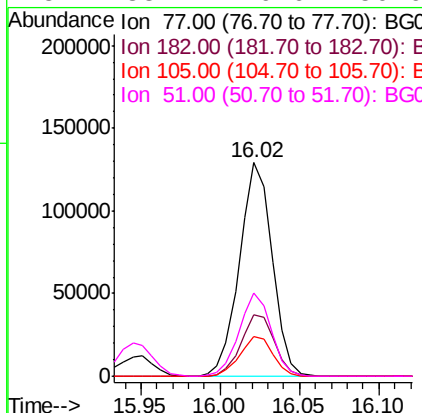
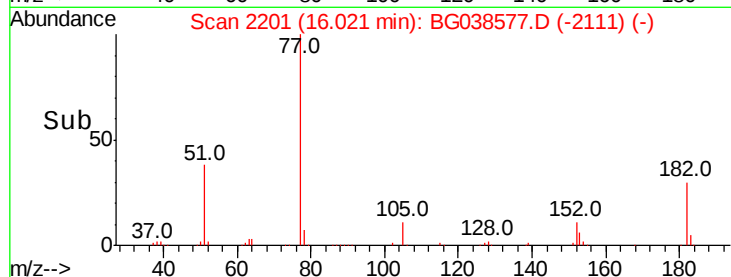
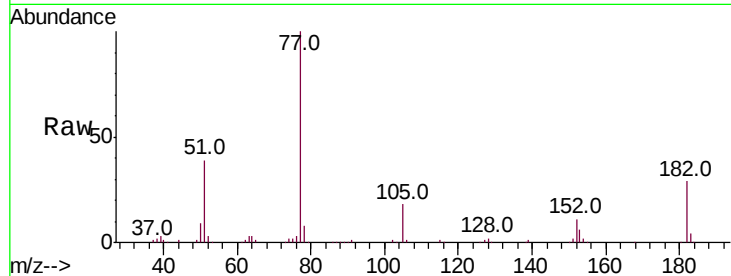
#63
Azobenzene
Concen: 39.751 ng
RT: 16.02 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BG038577.D
Acq: 14 Dec 2018 21:05

Instrument :
BNA_G
ClientSampleId :
PB115362BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.5	8.7	48.7
105	18.5	0.0	38.7
51	38.7	16.6	56.6

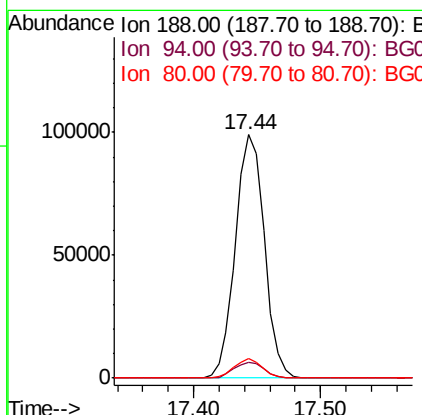
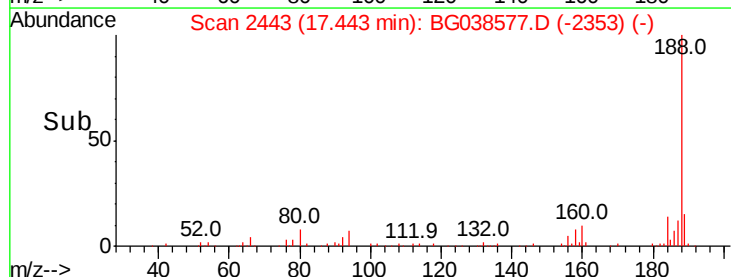
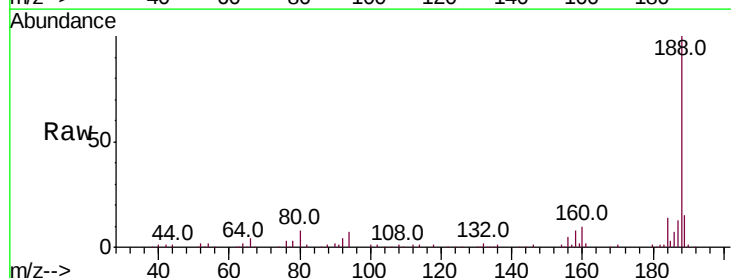
Manual Integrations
APPROVED

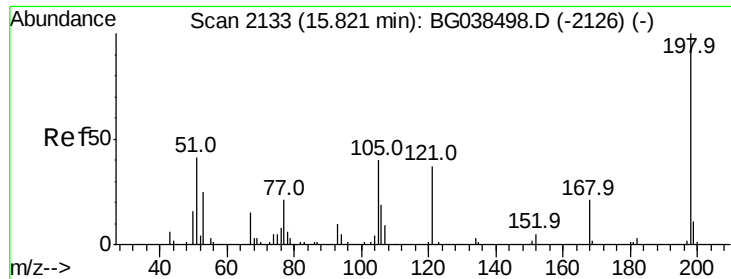
Sohil
12/17/2018 4:11:50 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. 0.00 min
Lab File: BG038577.D
Acq: 14 Dec 2018 21:05

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.7	5.1	7.7
80	8.3	6.1	9.1





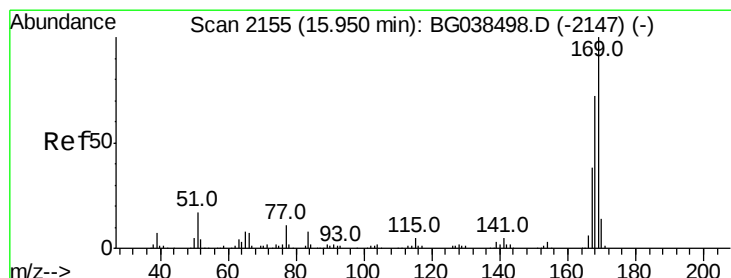
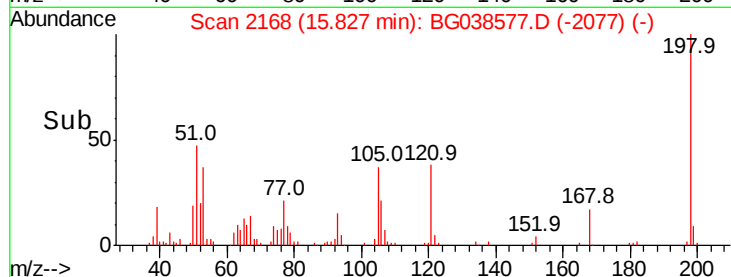
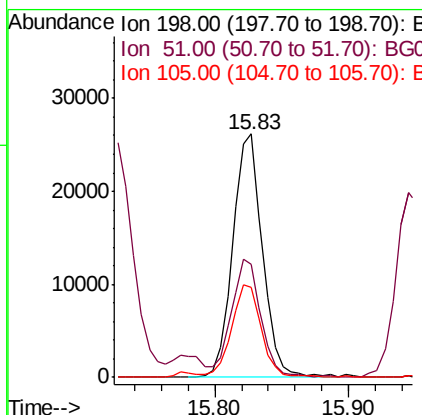
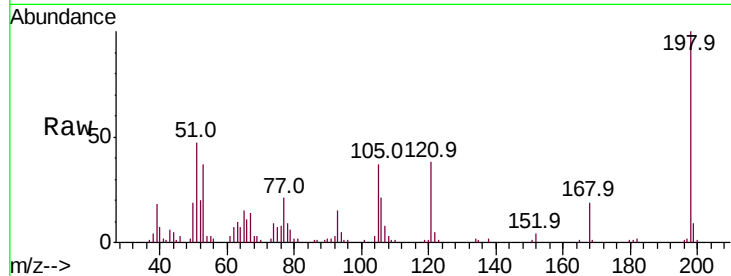
#65
4,6-Dinitro-2-methylphenol
Concen: 36.256 ng
RT: 15.83 min Scan# 2168
Delta R.T. 0.01 min
Lab File: BG038577.D
Acq: 14 Dec 2018 21:05

Instrument :
BNA_G
ClientSampleId :
PB115362BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	40443		
51	46.6	28.6	68.6	
105	36.9	20.4	60.4	

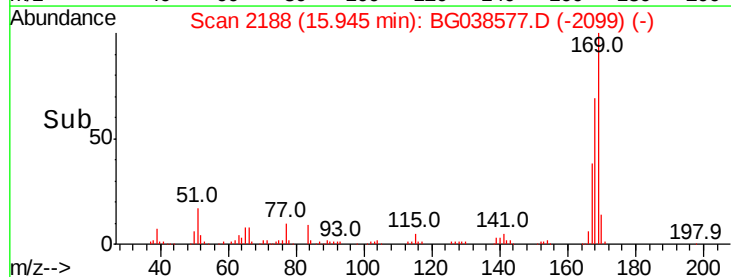
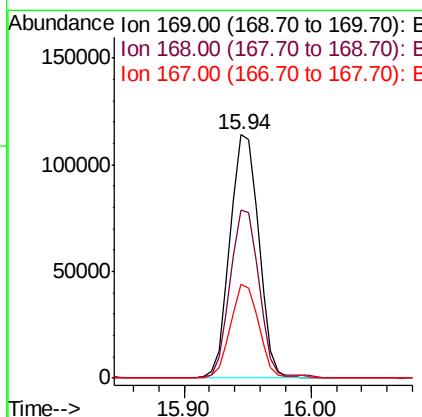
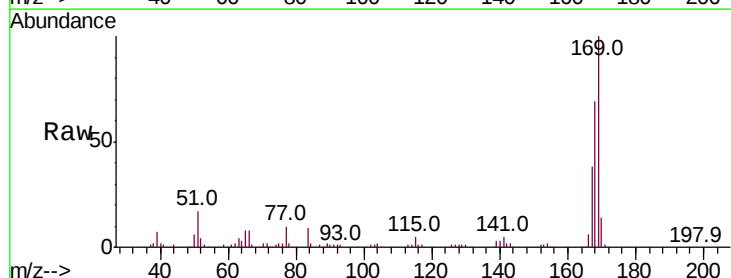
Manual Integrations
APPROVED

Sohil
12/17/2018 4:11:50 PM



#66
n-Nitrosodiphenylamine
Concen: 38.792 ng
RT: 15.94 min Scan# 2188
Delta R.T. -0.01 min
Lab File: BG038577.D
Acq: 14 Dec 2018 21:05

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	178235		
168	69.1	57.5	86.3	
167	38.3	30.2	45.2	





#67

4-Bromophenyl-phenylether

Concen: 37.258 ng

RT: 16.63 min Scan# 2304

Delta R.T. 0.00 min

Lab File: BG038577.D

Acq: 14 Dec 2018 21:05

Instrument :

BNA_G

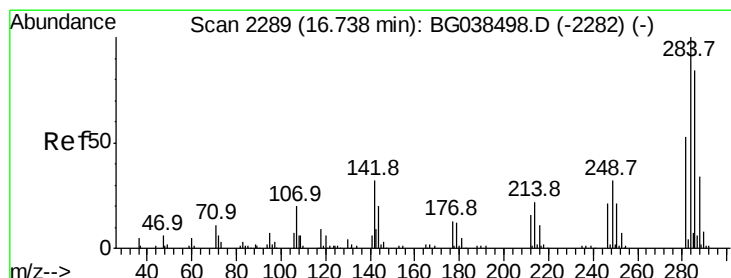
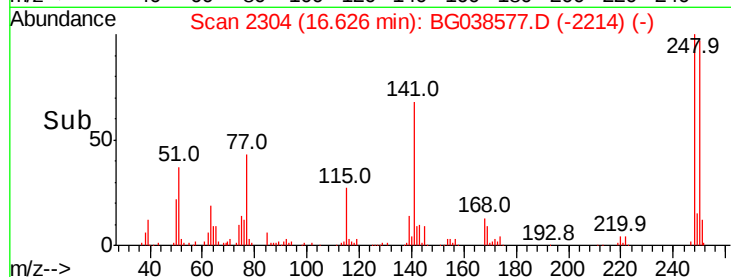
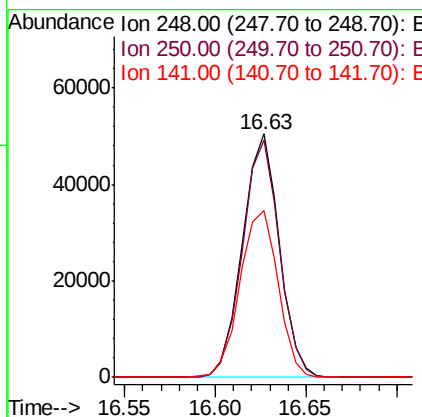
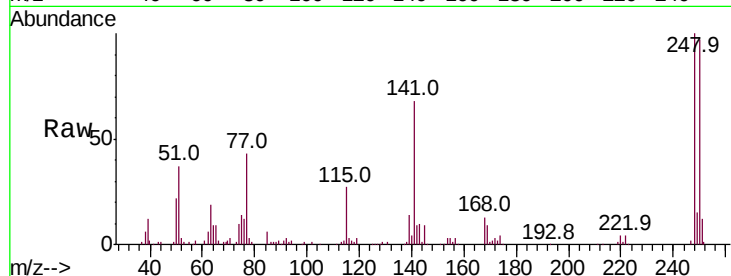
ClientSampleId :

PB115362BS

Tot Ion:	248	Resp:	71155
Ion Ratio	Lower	Upper	
248	100		
250	97.3	73.4	110.2
141	68.3	52.9	79.3

Manual Integrations
APPROVED

Sohil
12/17/2018 4:11:50 PM



#68

Hexachlorobenzene

Concen: 38.239 ng

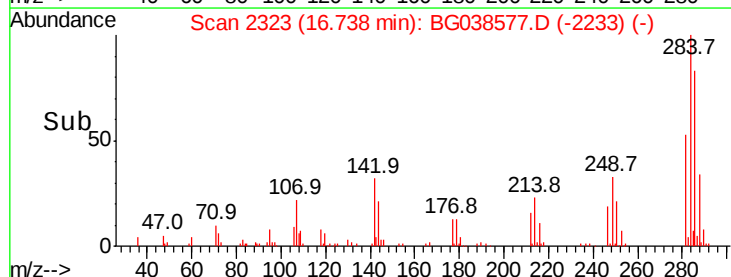
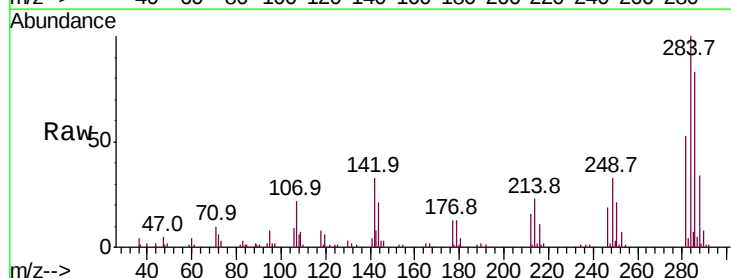
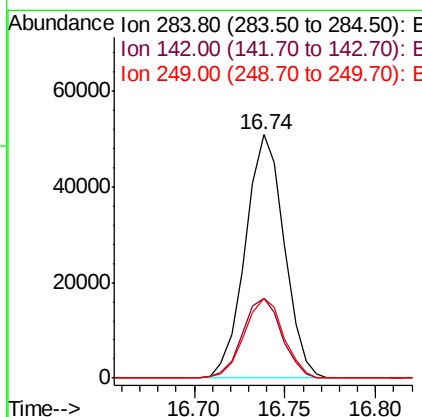
RT: 16.74 min Scan# 2323

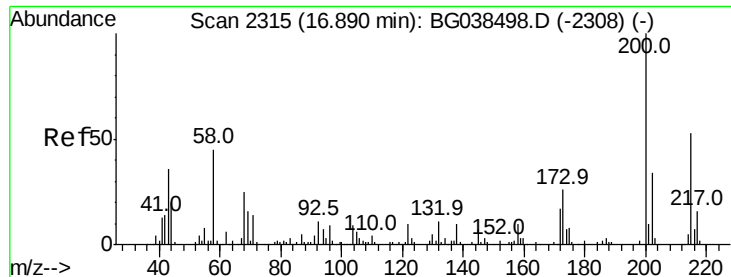
Delta R.T. 0.00 min

Lab File: BG038577.D

Acq: 14 Dec 2018 21:05

Tgt Ion:	284	Resp:	75701
Ion Ratio	Lower	Upper	
284	100		
142	32.7	25.8	38.6
249	35.7	27.0	40.4





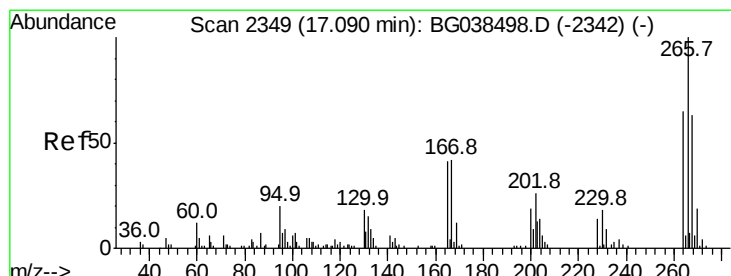
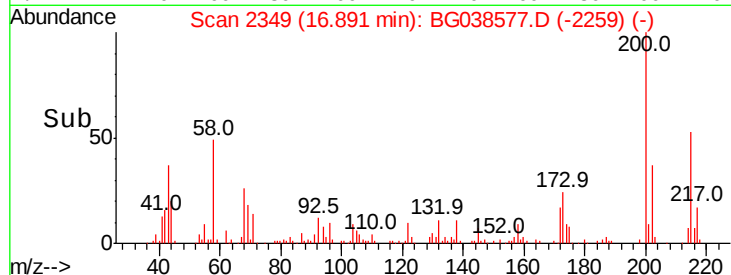
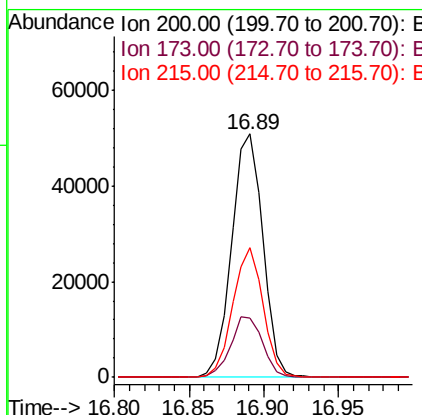
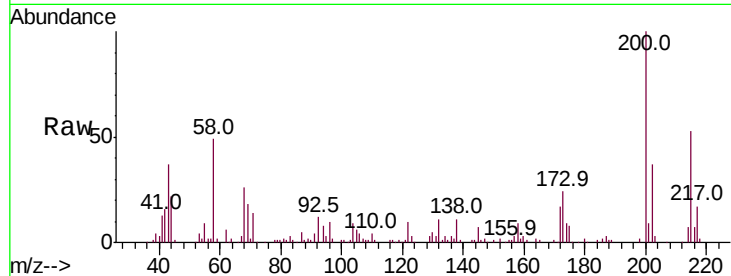
#69
Atrazine
Concen: 43.612 ng
RT: 16.89 min Scan# 2349
Delta R.T. 0.00 min
Lab File: BG038577.D
Acq: 14 Dec 2018 21:05

Instrument :
BNA_G
ClientSampleId :
PB115362BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.4	5.9	45.9
215	53.5	33.1	73.1

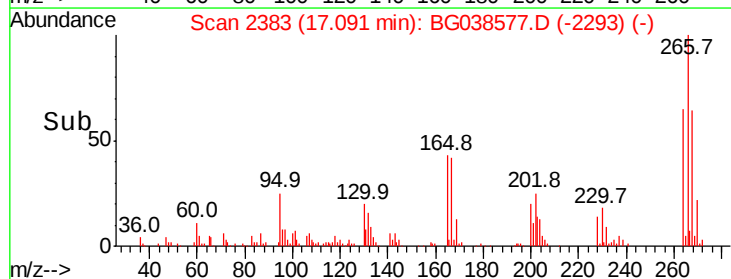
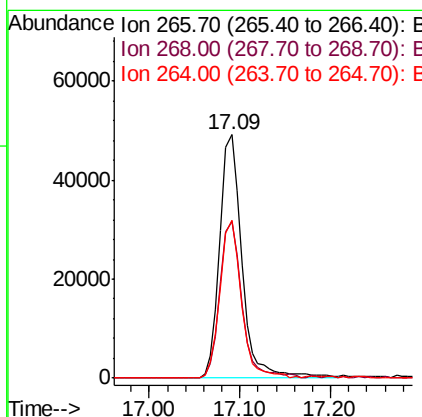
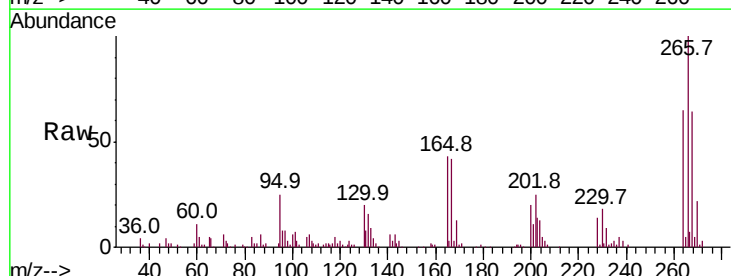
Manual Integrations
APPROVED

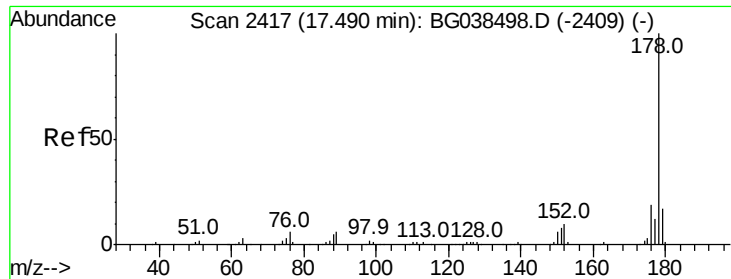
Sohil
12/17/2018 4:11:50 PM



#70
Pentachlorophenol
Concen: 71.888 ng
RT: 17.09 min Scan# 2383
Delta R.T. 0.00 min
Lab File: BG038577.D
Acq: 14 Dec 2018 21:05

Tgt Ion	Ratio	Lower	Upper
266	100		
268	69.6	55.0	82.6
264	70.0	56.7	85.1





#71

Phenanthrene

Concen: 42.526 ng

RT: 17.49 min Scan# 2451

Delta R.T. 0.00 min

Lab File: BG038577.D

Acq: 14 Dec 2018 21:05

Instrument :

BNA_G

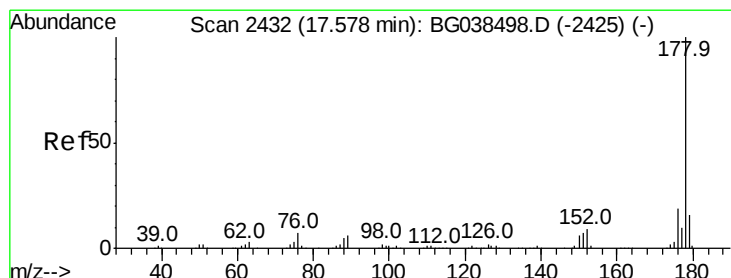
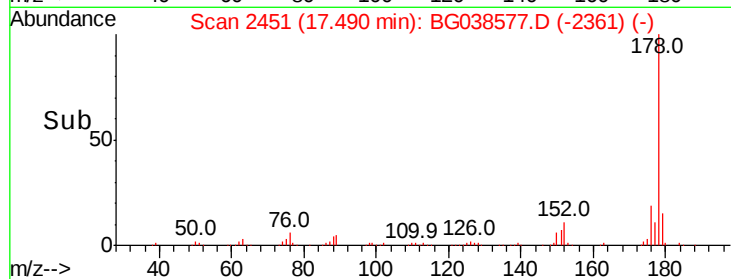
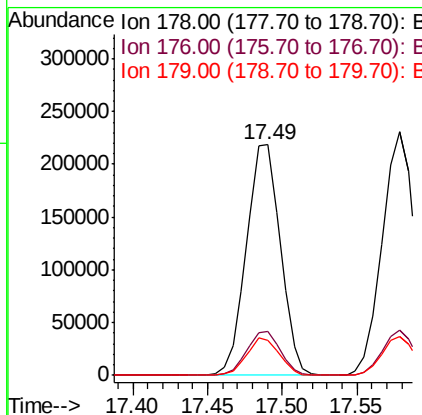
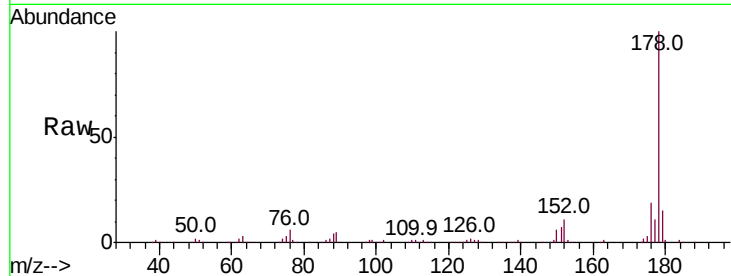
ClientSampleId :

PB115362BS

Tot Ion:	178	Resp:	344841
Ion Ratio	Lower	Upper	
178	100		
176	19.2	15.1	22.7
179	15.1	13.2	19.8

Manual Integrations
APPROVED

Sohil
12/17/2018 4:11:50 PM



#72

Anthracene

Concen: 44.313 ng

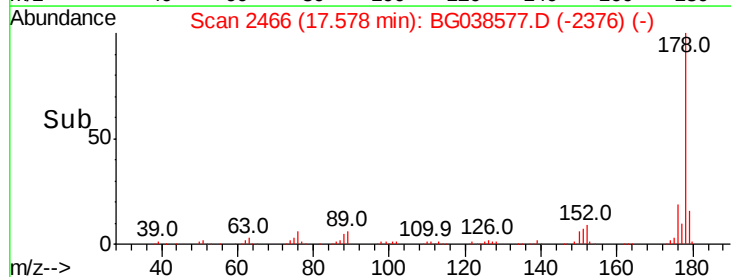
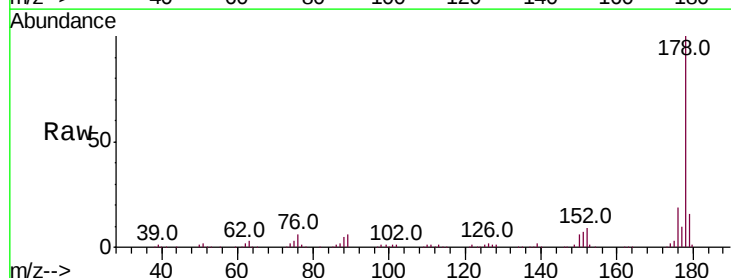
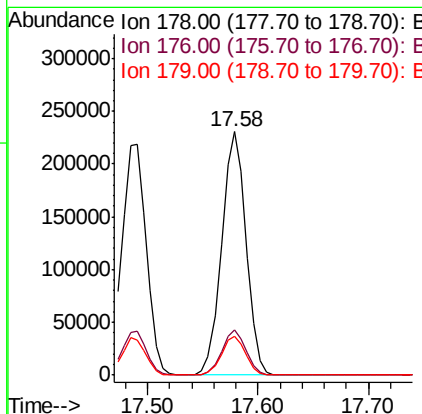
RT: 17.58 min Scan# 2466

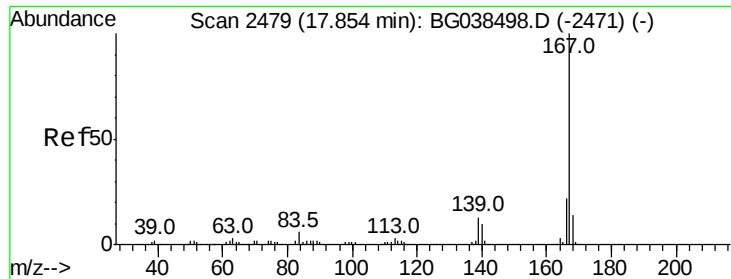
Delta R.T. 0.00 min

Lab File: BG038577.D

Acq: 14 Dec 2018 21:05

Tgt Ion:	178	Resp:	354737
Ion Ratio	Lower	Upper	
178	100		
176	18.8	15.1	22.7
179	16.1	12.9	19.3





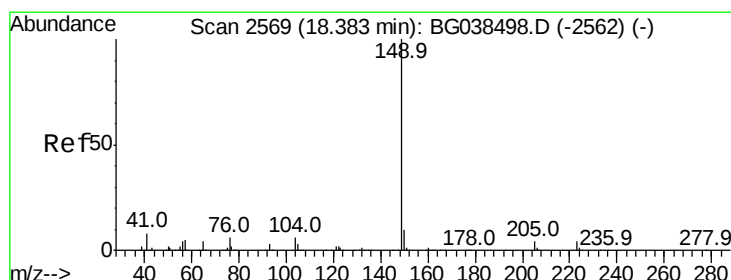
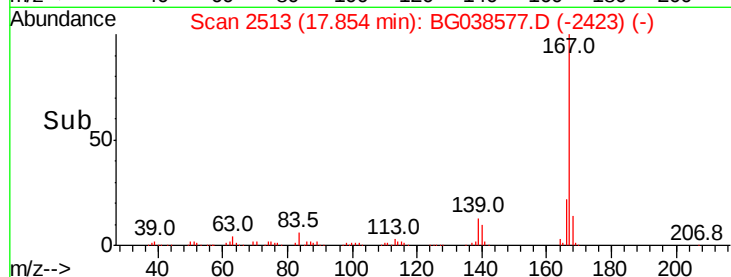
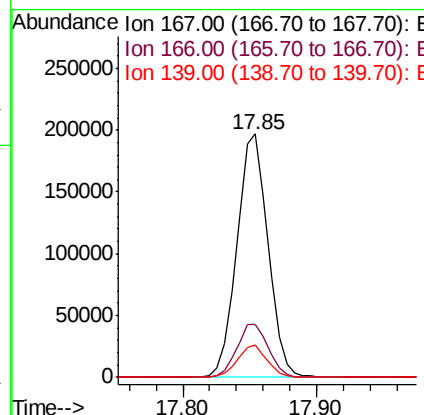
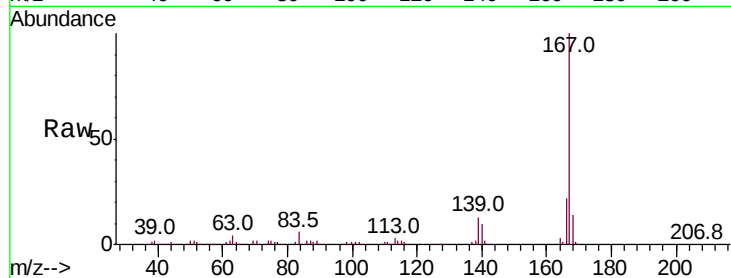
#73
 Carbazole
 Concen: 40.172 ng
 RT: 17.85 min Scan# 2513
 Delta R.T. 0.00 min
 Lab File: BG038577.D
 Acq: 14 Dec 2018 21:05

Instrument :
 BNA_G
 ClientSampleId :
 PB115362BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.9	26.9
139	13.1	10.2	15.2

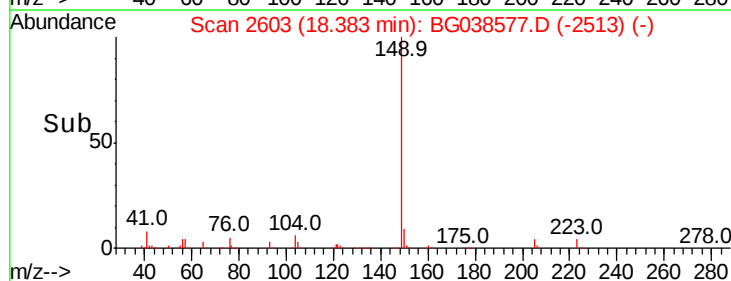
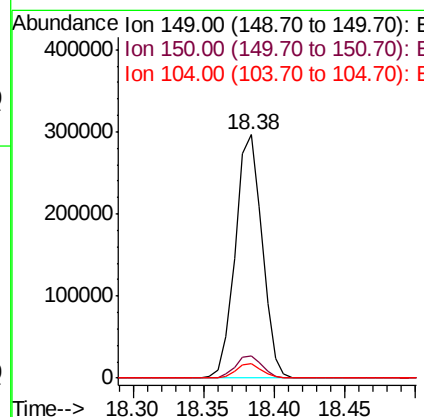
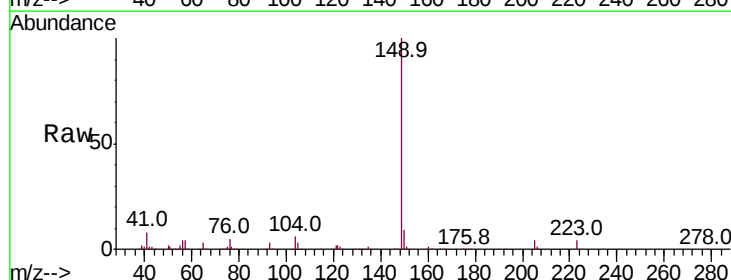
Manual Integrations
 APPROVED

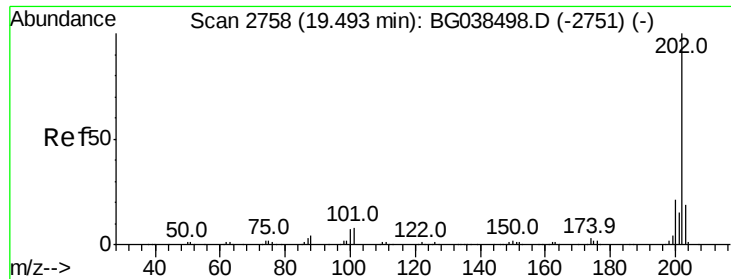
Sohil
 12/17/2018 4:11:50 PM



#74
 Di-n-butylphthalate
 Concen: 43.062 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. 0.00 min
 Lab File: BG038577.D
 Acq: 14 Dec 2018 21:05

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.6	11.4
104	5.9	5.0	7.4





#75

Fluoranthene

Concen: 44.570 ng

RT: 19.49 min Scan# 2792

Delta R.T. 0.00 min

Lab File: BG038577.D

Acq: 14 Dec 2018 21:05

Instrument :

BNA_G

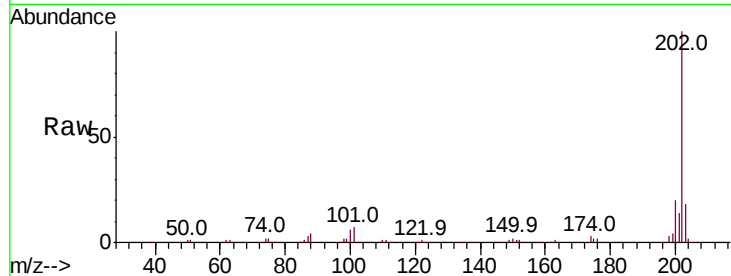
ClientSampleId :

PB115362BS

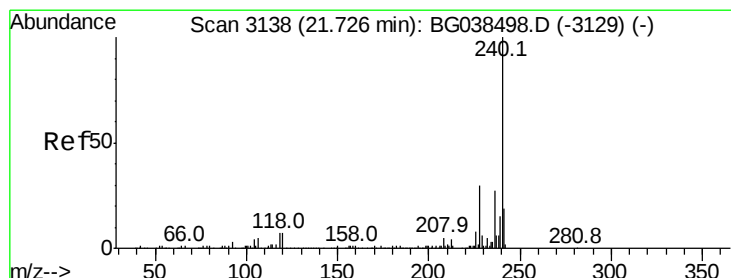
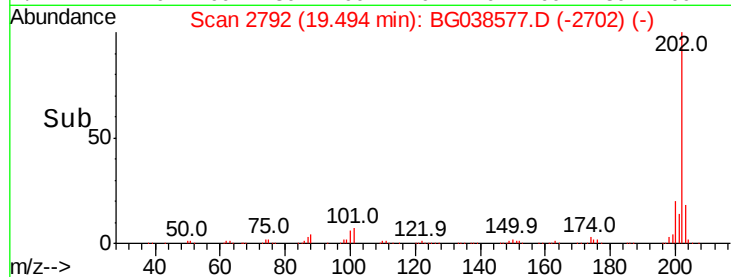
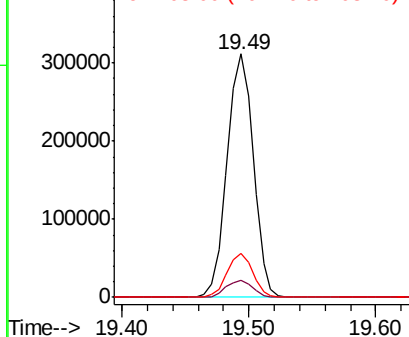
Tot Ion:	202	Resp:	447177
Ion Ratio	Lower	Upper	
202	100		
101	7.1	0.0	28.1
203	18.0	0.0	39.0

Manual Integrations
APPROVED

Sohil
12/17/2018 4:11:50 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

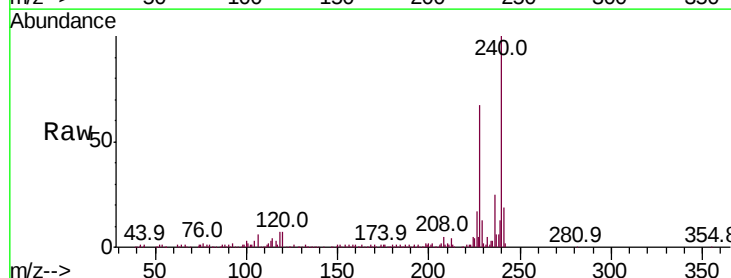
RT: 21.72 min Scan# 3171

Delta R.T. -0.01 min

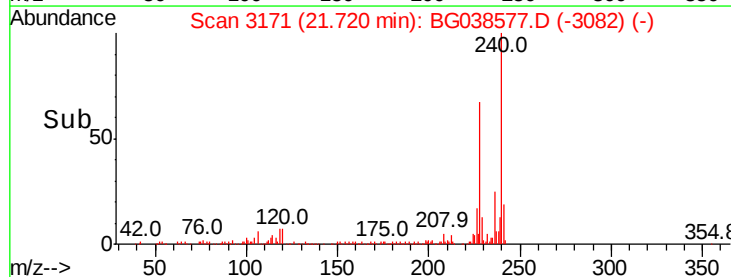
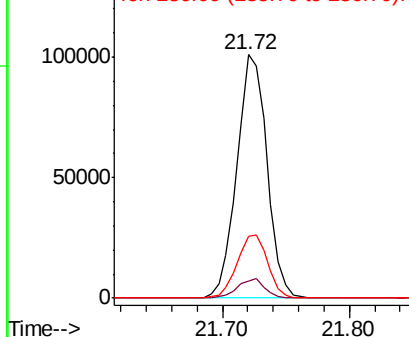
Lab File: BG038577.D

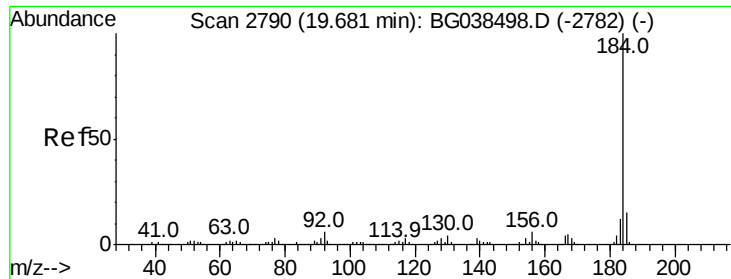
Acq: 14 Dec 2018 21:05

Tgt Ion:	240	Resp:	166047
Ion Ratio	Lower	Upper	
240	100		
120	7.1	5.3	7.9
236	25.4	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: 44.216 ng

RT: 19.68 min Scan# 2823

Delta R.T. -0.01 min

Lab File: BG038577.D

Acq: 14 Dec 2018 21:05

Instrument :

BNA_G

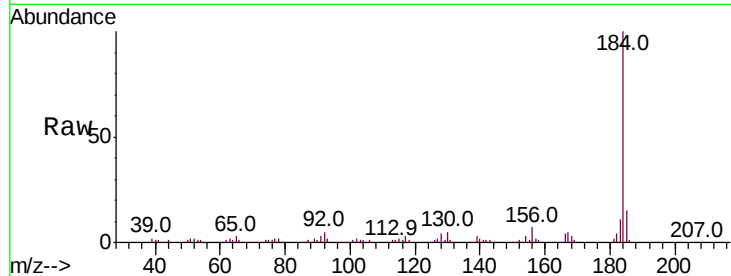
ClientSampleId :

PB115362BS

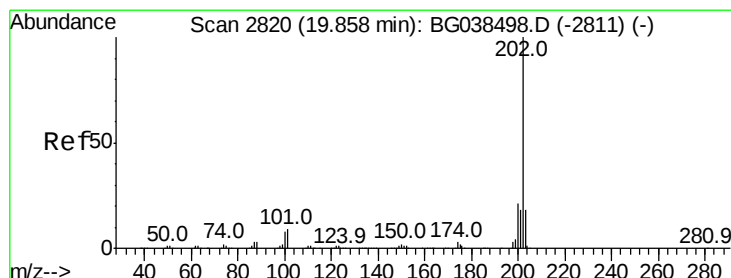
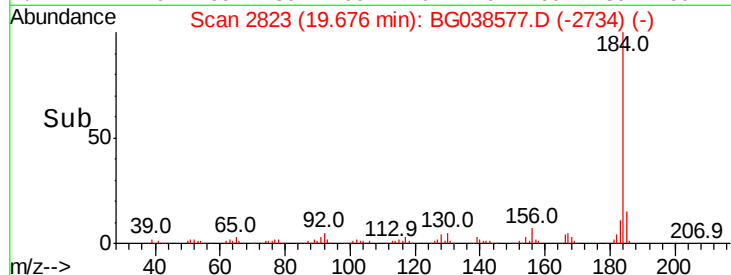
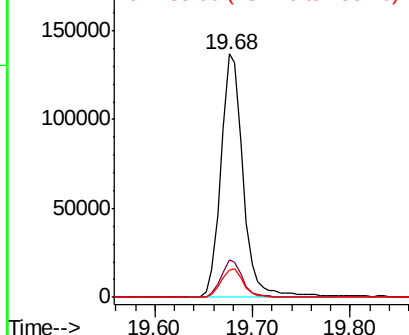
Tot Ion:	184	Resp:	217131
Ion Ratio	Lower	Upper	
184	100		
185	15.4	12.2	18.2
183	11.2	9.6	14.4

Manual Integrations
APPROVED

Sohil
12/17/2018 4:11:50 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: 40.687 ng

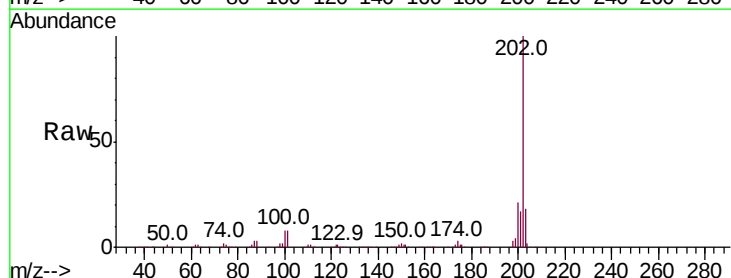
RT: 19.86 min Scan# 2854

Delta R.T. 0.00 min

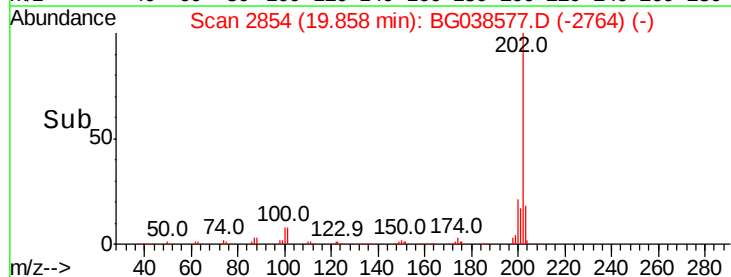
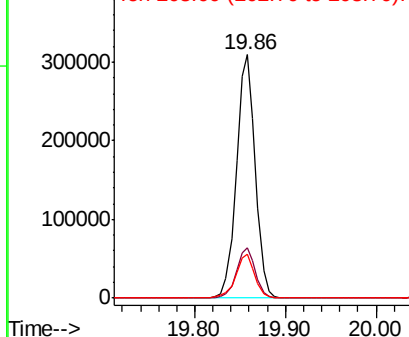
Lab File: BG038577.D

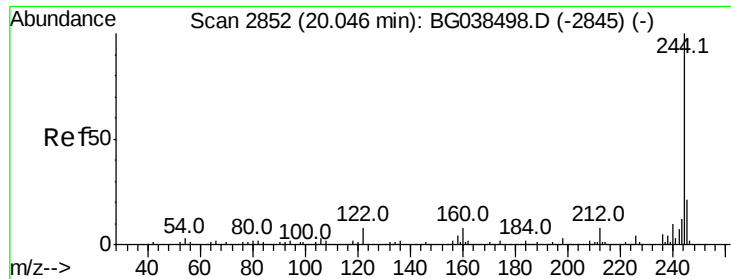
Acq: 14 Dec 2018 21:05

Tgt Ion:	202	Resp:	446321
Ion Ratio	Lower	Upper	
202	100		
200	20.9	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: 74.085 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.00 min

Lab File: BG038577.D

Acq: 14 Dec 2018 21:05

Instrument :

BNA_G

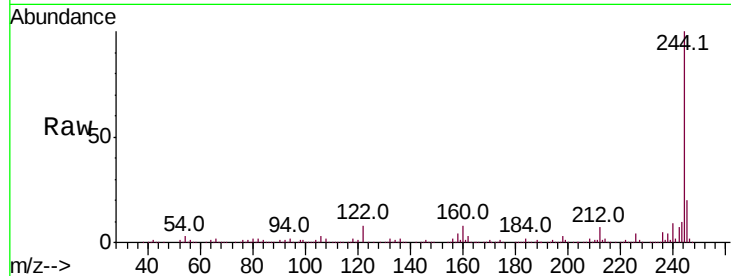
ClientSampleId :

PB115362BS

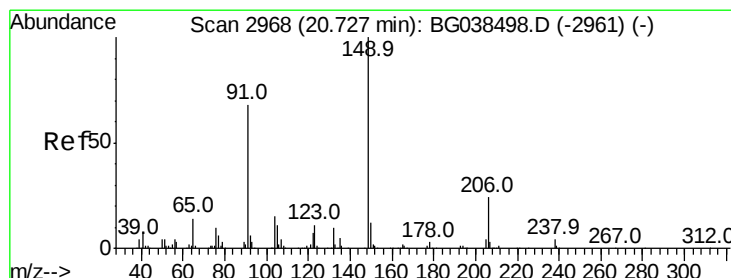
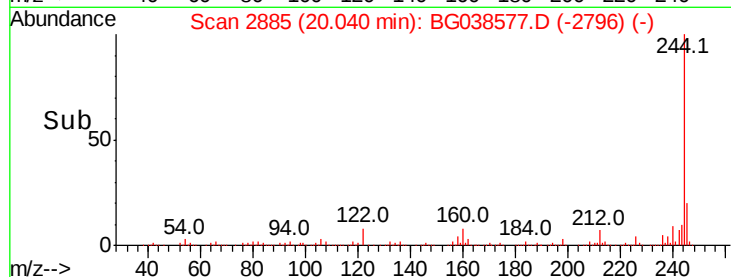
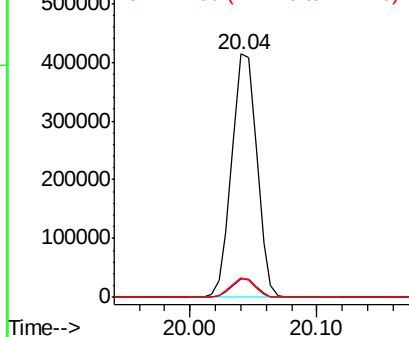
Tot Ion:	244	Resp:	565241
Ion Ratio	Lower	Upper	
244	100		
212	7.5	6.2	9.2
122	7.8	6.3	9.5

Manual Integrations
APPROVED

Sohil
12/17/2018 4:11:50 PM



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



#80

Butylbenzylphthalate

Concen: 41.736 ng

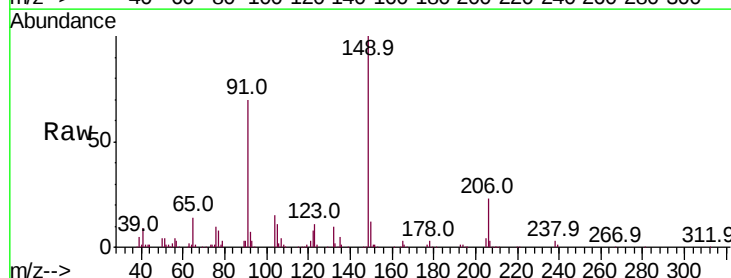
RT: 20.72 min Scan# 3001

Delta R.T. -0.01 min

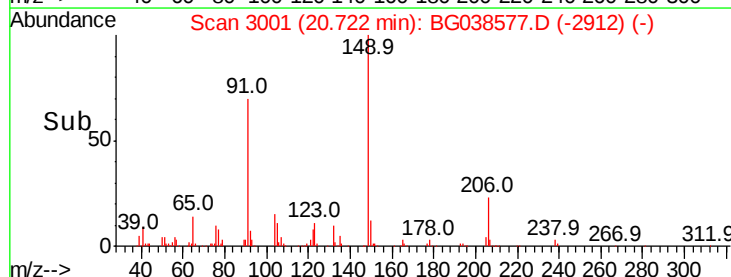
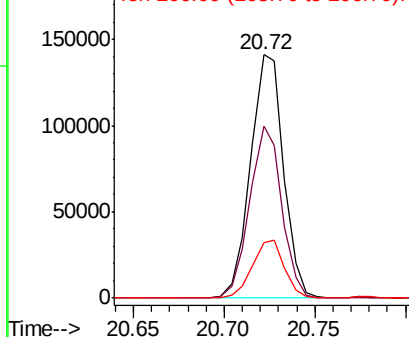
Lab File: BG038577.D

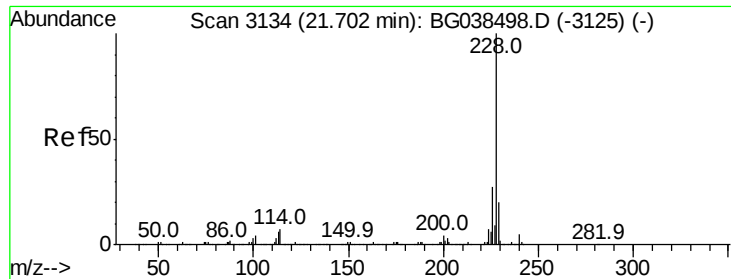
Acq: 14 Dec 2018 21:05

Tgt Ion:	149	Resp:	178866
Ion Ratio	Lower	Upper	
149	100		
91	70.5	54.5	81.7
206	22.6	19.0	28.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.928 ng

RT: 21.70 min Scan# 3168

Delta R.T. 0.00 min

Lab File: BG038577.D

Acq: 14 Dec 2018 21:05

Instrument :

BNA_G

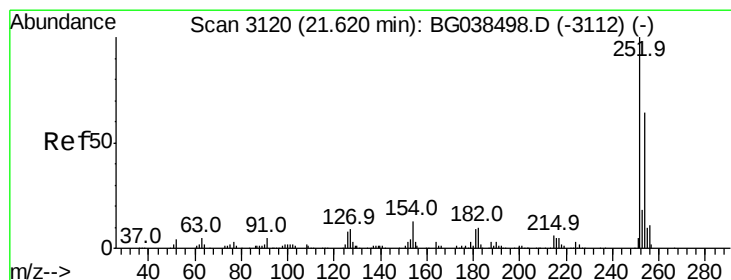
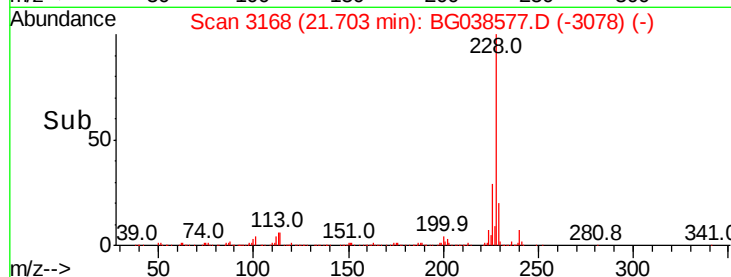
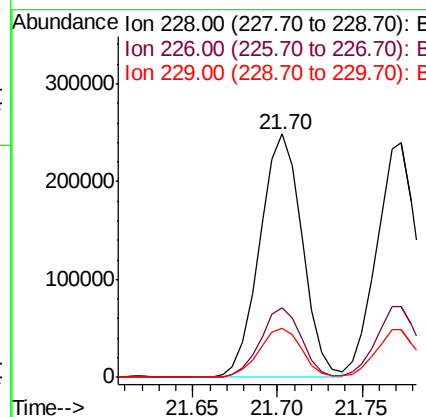
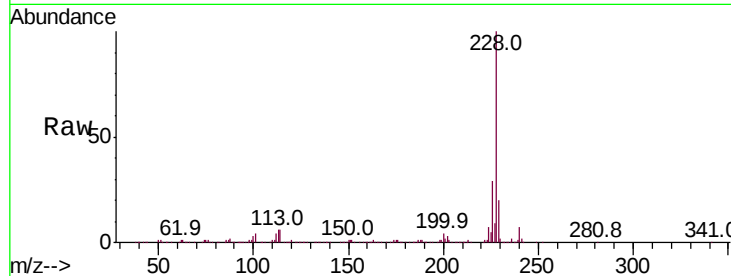
ClientSampleId :

PB115362BS

Tot Ion:	228	Resp:	434353
Ion Ratio	Lower	Upper	
228	100		
226	28.5	21.8	32.8
229	20.1	15.8	23.6

Manual Integrations
APPROVED

Sohil
12/17/2018 4:11:50 PM



#82

3,3'-Dichlorobenzidine

Concen: 28.071 ng

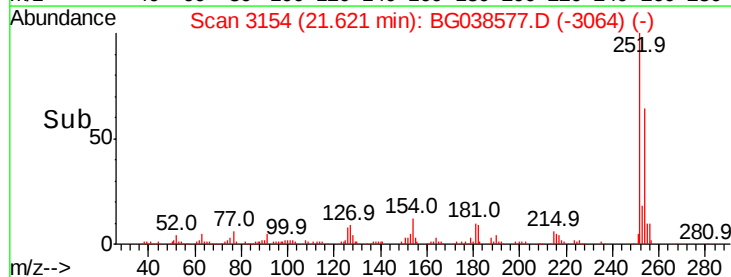
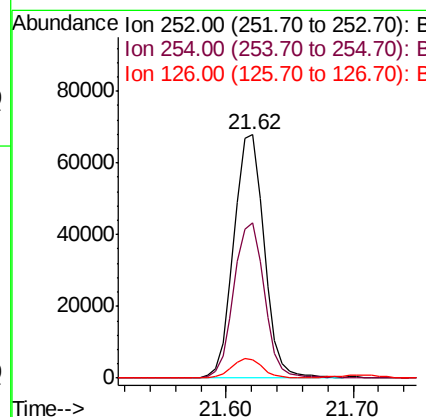
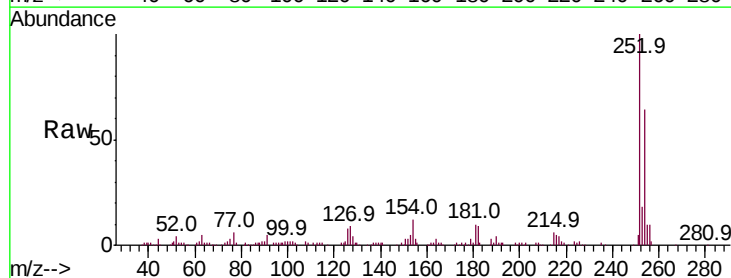
RT: 21.62 min Scan# 3154

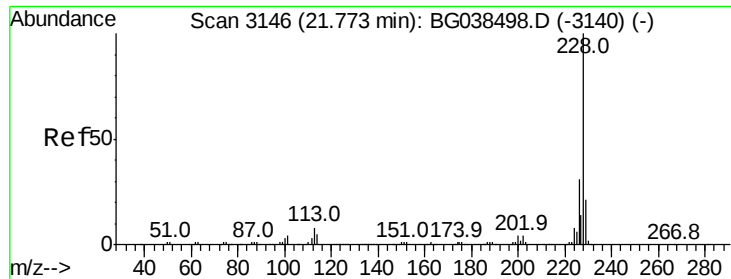
Delta R.T. 0.00 min

Lab File: BG038577.D

Acq: 14 Dec 2018 21:05

Tgt Ion:	252	Resp:	112644
Ion Ratio	Lower	Upper	
252	100		
254	63.6	50.9	76.3
126	7.8	6.3	9.5





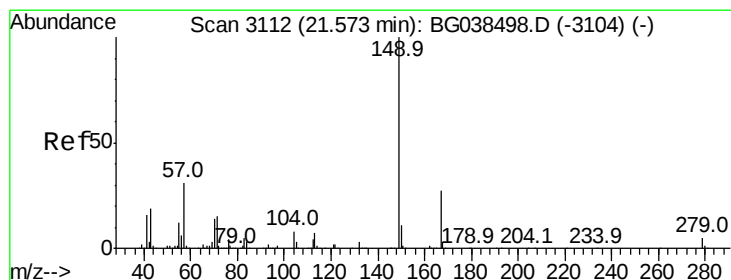
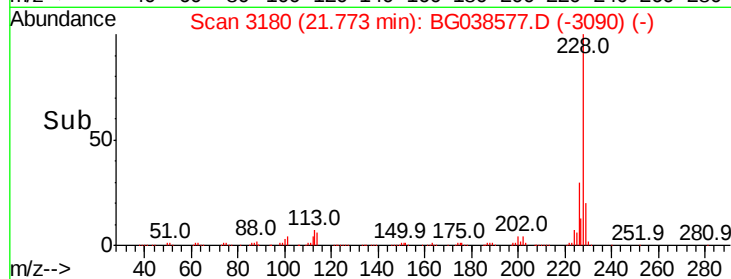
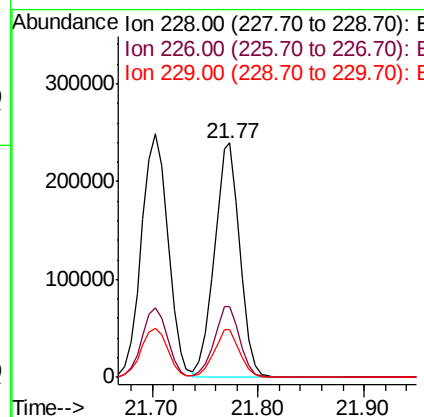
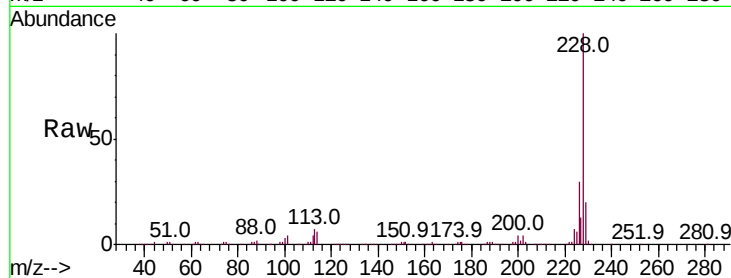
#83
 Chrvsene
 Concen: 41.139 ng
 RT: 21.77 min Scan# 3180
 Delta R.T. 0.00 min
 Lab File: BG038577.D
 Acq: 14 Dec 2018 21:05

Instrument :
 BNA_G
 ClientSampleId :
 PB115362BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.0	37.4
229	20.4	16.5	24.7

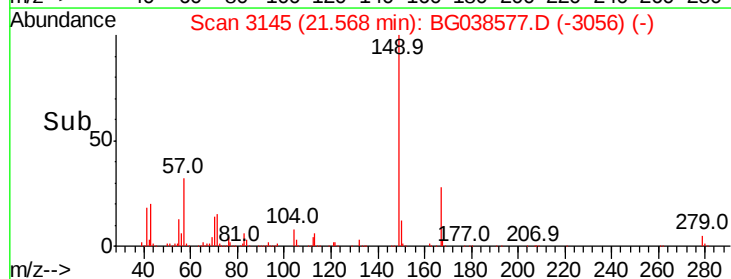
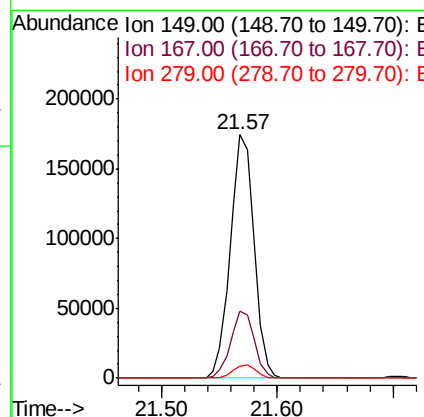
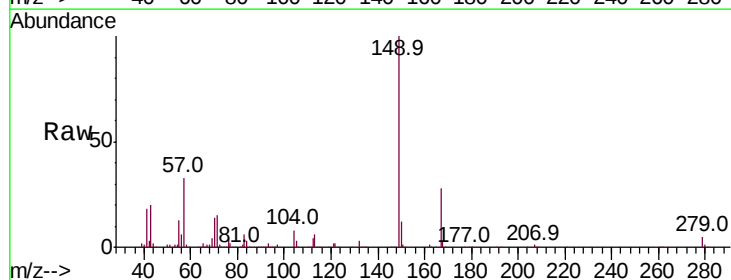
Manual Integrations
 APPROVED

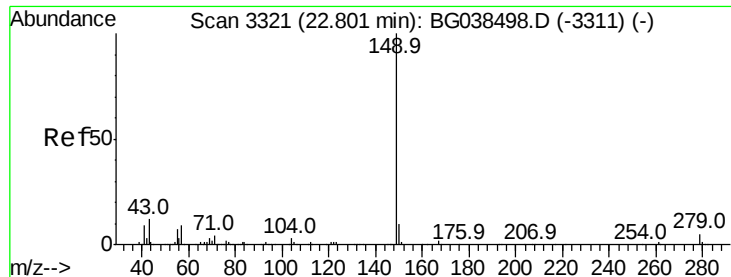
Sohil
 12/17/2018 4:11:50 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.896 ng
 RT: 21.57 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG038577.D
 Acq: 14 Dec 2018 21:05

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.5	21.9	32.9
279	4.8	4.2	6.2





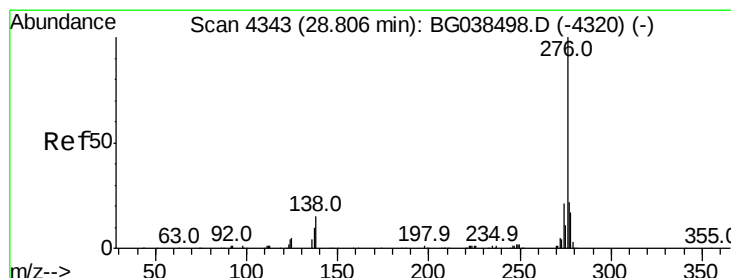
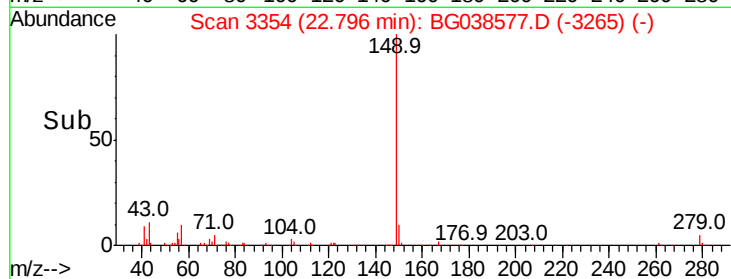
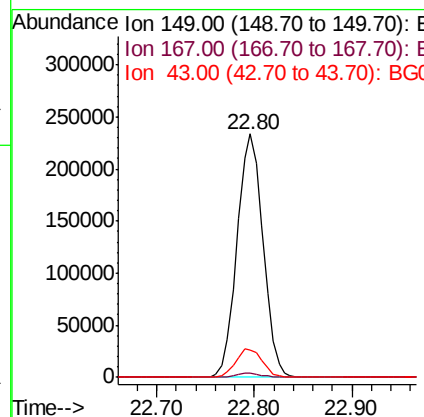
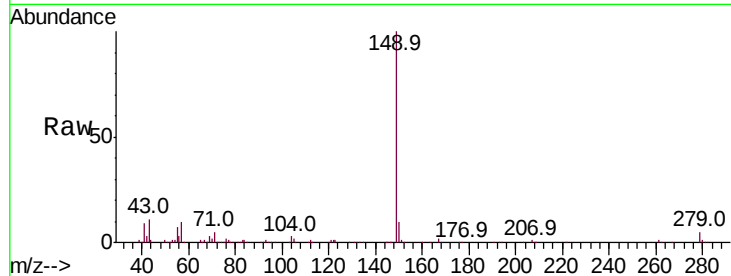
#85
Di-n-octyl phthalate
Concen: 42.263 ng
RT: 22.80 min Scan# 3354
Delta R.T. -0.01 min
Lab File: BG038577.D
Acq: 14 Dec 2018 21:05

Instrument :
BNA_G
ClientSampleId :
PB115362BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	430222		
167	1.6		1.2	1.8
43	12.5		9.3	13.9

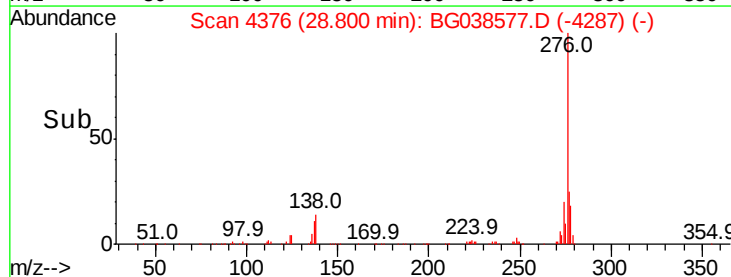
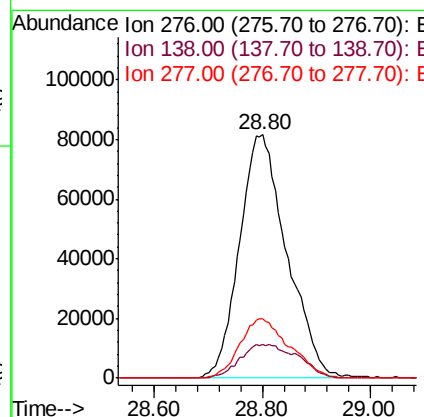
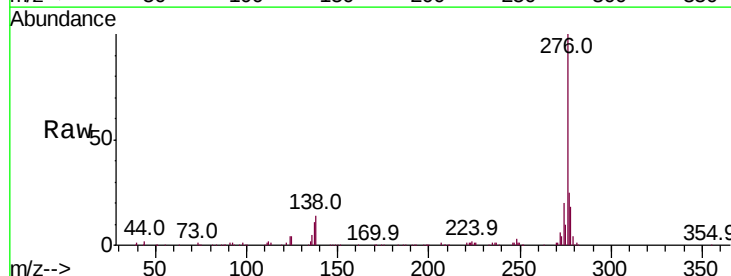
Manual Integrations
APPROVED

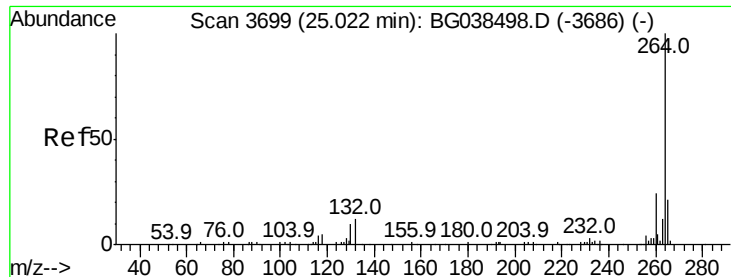
Sohil
12/17/2018 4:11:50 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 43.220 ng
RT: 28.80 min Scan# 4376
Delta R.T. -0.01 min
Lab File: BG038577.D
Acq: 14 Dec 2018 21:05

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	495197		
138	17.0		14.4	21.6
277	25.6		0.0	0.0#





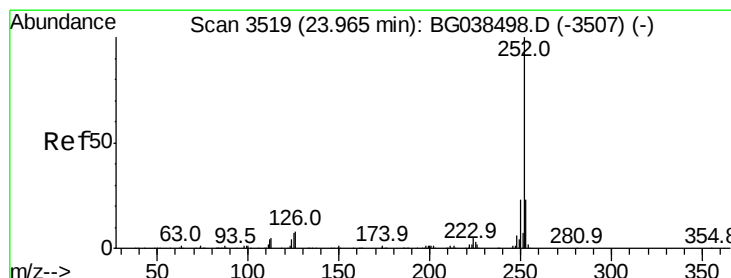
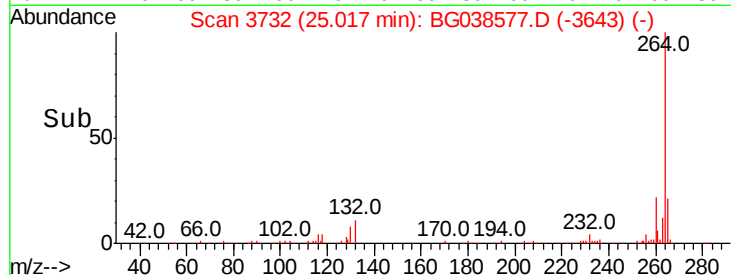
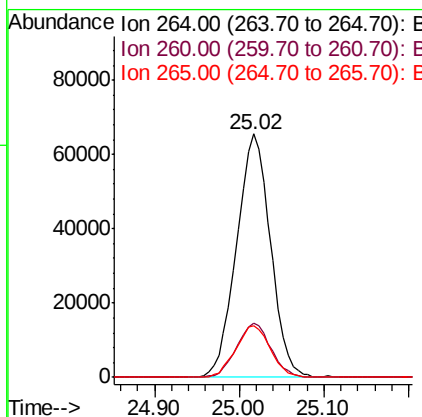
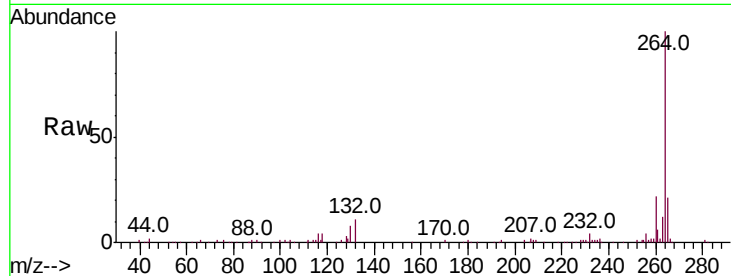
#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.02 min Scan# 3732
 Delta R.T. -0.01 min
 Lab File: BG038577.D
 Acq: 14 Dec 2018 21:05

Instrument :
 BNA_G
 ClientSampleId :
 PB115362BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.9	28.3
265	21.0	17.0	25.4

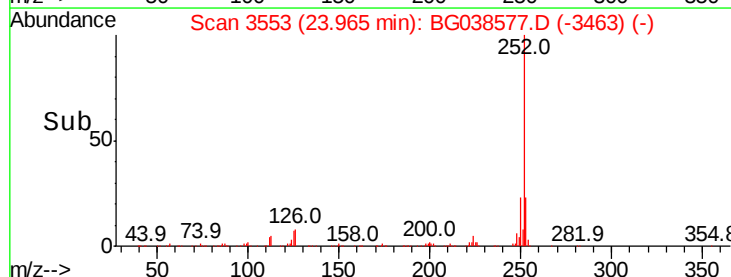
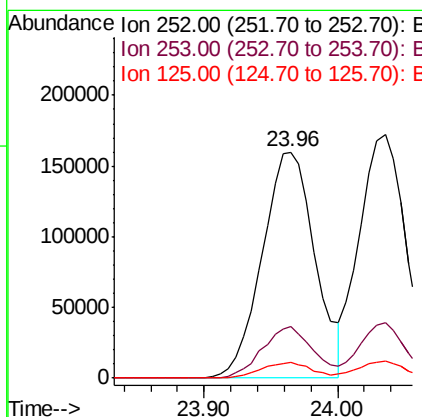
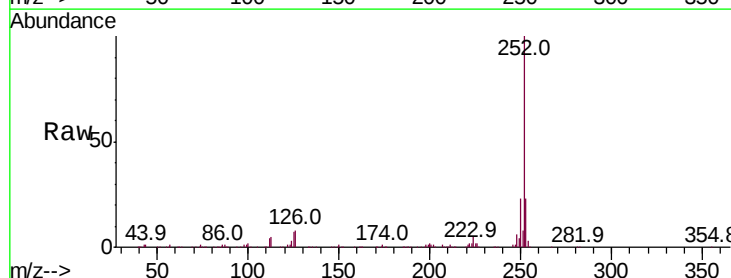
Manual Integrations
 APPROVED

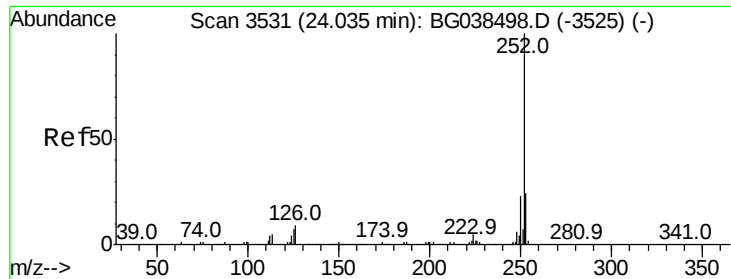
Sohil
 12/17/2018 4:11:50 PM



#88
 Benzo(b)fluoranthene
 Concen: 43.824 ng
 RT: 23.96 min Scan# 3553
 Delta R.T. 0.00 min
 Lab File: BG038577.D
 Acq: 14 Dec 2018 21:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	7.2	5.5	8.3





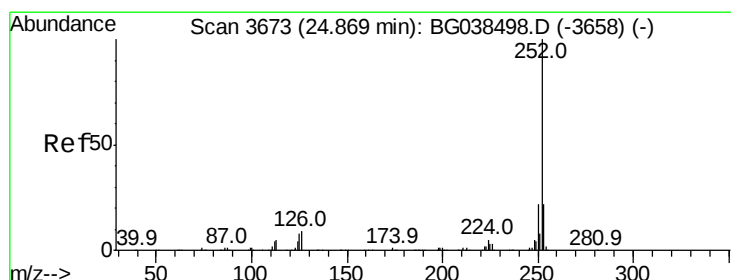
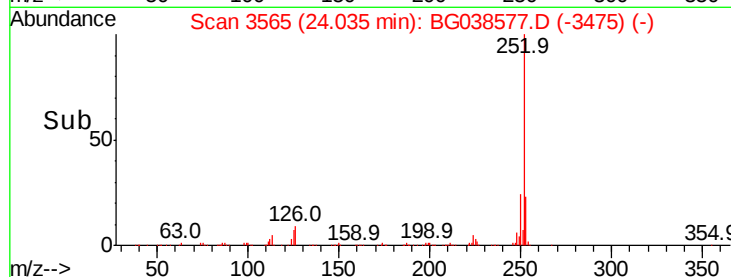
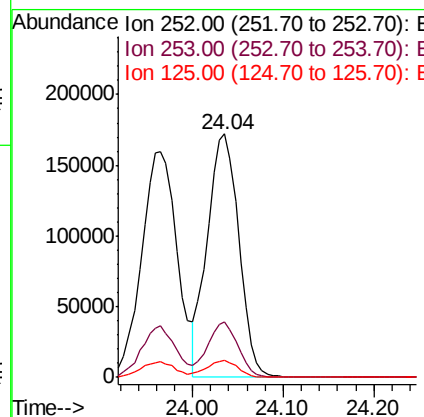
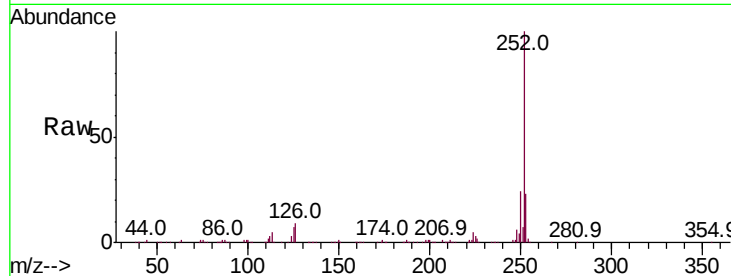
#89
Benzo(k)fluoranthene
Concen: 41.683 ng
RT: 24.04 min Scan# 3565
Delta R.T. 0.00 min
Lab File: BG038577.D
Acq: 14 Dec 2018 21:05

Instrument :
BNA_G
ClientSampleId :
PB115362BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.9	28.3
125	6.9	5.4	8.2

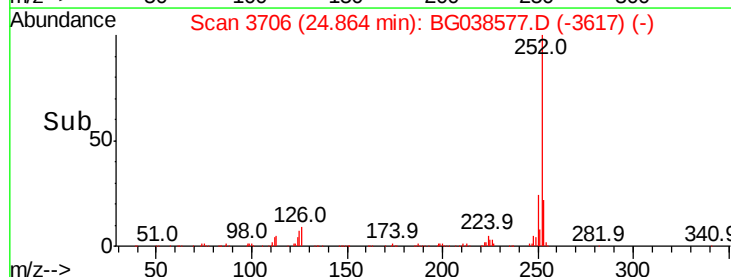
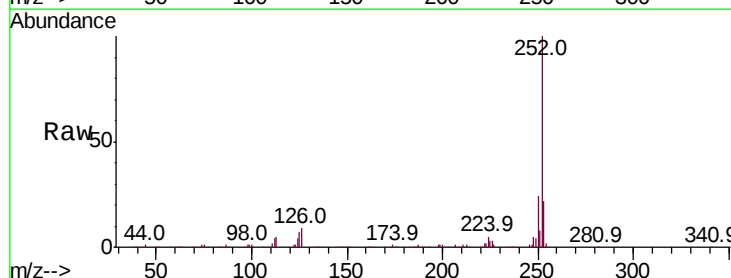
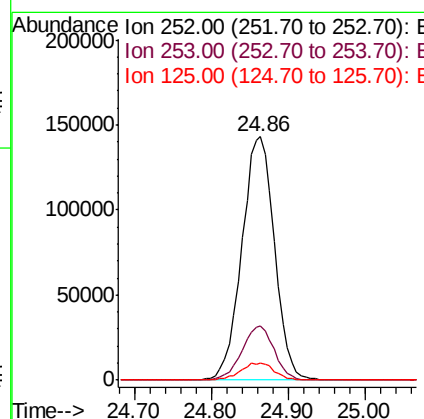
Manual Integrations
APPROVED

Sohil
12/17/2018 4:11:50 PM



#90
Benzo(a)pyrene
Concen: 43.972 ng
RT: 24.86 min Scan# 3706
Delta R.T. -0.01 min
Lab File: BG038577.D
Acq: 14 Dec 2018 21:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.0
125	7.3	6.4	9.6





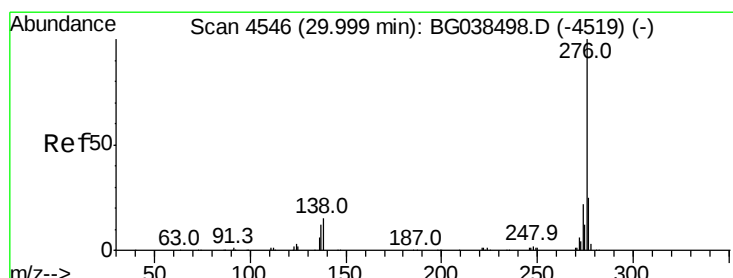
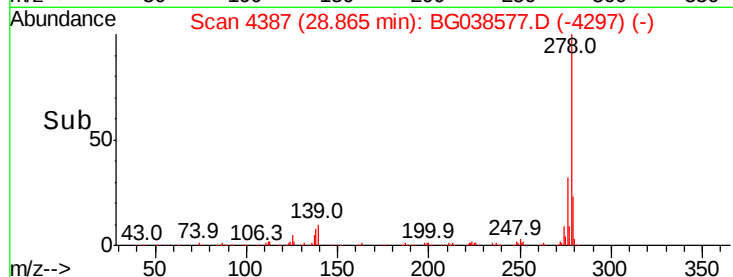
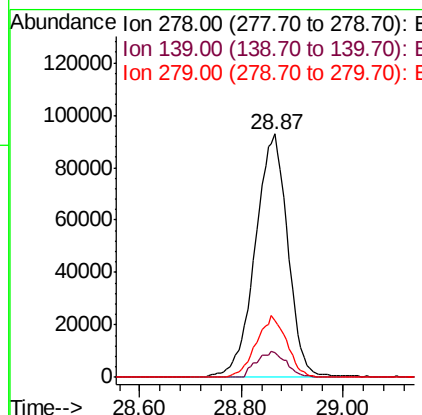
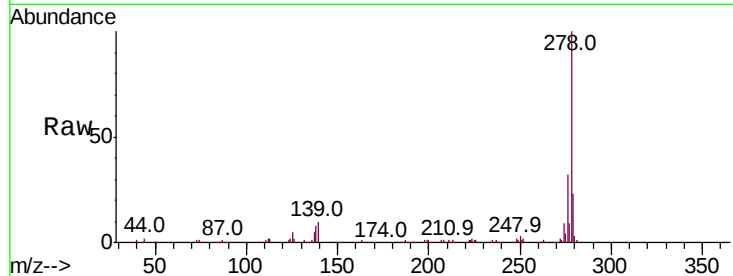
#91
Dibenzo(a,h)anthracene
Concen: 43.084 ng
RT: 28.87 min Scan# 4387
Delta R.T. 0.00 min
Lab File: BG038577.D
Acq: 14 Dec 2018 21:05

Instrument :
BNA_G
ClientSampleId :
PB115362BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	10.0	8.6	12.8
279	23.3	19.0	28.6

Manual Integrations
APPROVED

Sohil
12/17/2018 4:11:50 PM



#92
Benzo(g,h,i)perylene
Concen: 42.846 ng
RT: 29.98 min Scan# 4577
Delta R.T. -0.02 min
Lab File: BG038577.D
Acq: 14 Dec 2018 21:05

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.8	29.8
138	14.1	11.8	17.6

