

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121518\
 Data File : BG038610.D
 Acq On : 15 Dec 2018 18:48
 Operator : JU/SJ
 Sample : PB115540BSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115540BSD

Manual Integrations
 APPROVED

Sohil
 12/16/2018 2:01:18 PM

Quant Time: Dec 16 04:04:07 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	20651	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	83769	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	53169	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	131644	20.00	ng	0.00
76) Chrysene-d12	21.72	240	143391	20.00	ng	0.00
87) Perylene-d12	25.02	264	155349	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	79272	68.08	ng	0.00
7) Phenol-d6	7.21	99	109320	68.39	ng	0.00
23) Nitrobenzene-d5	9.23	82	100785	61.46	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	46857	63.95	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	240482	62.05	ng	0.00
79) Terphenyl-d14	20.05	244	440368	66.84	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	13125	24.221	ng	94
3) Pyridine	3.89	79	36499	24.464	ng	97
4) n-Nitrosodimethylamine	3.82	42	24288	33.225	ng	# 84
6) Aniline	7.38	93	28162	13.802	ng	96
8) 2-Chlorophenol	7.62	128	43468	32.261	ng	97
9) Benzaldehyde	7.20	77	17119	16.510	ng	95
10) Phenol	7.24	94	54629	32.170	ng	96
11) bis(2-Chloroethyl)ether	7.48	93	38074	28.162	ng	96
12) 1,3-Dichlorobenzene	7.94	146	45586	28.614	ng	99
13) 1,4-Dichlorobenzene	8.09	146	45808	28.075	ng	95
14) 1,2-Dichlorobenzene	8.41	146	43187	28.076	ng	97
15) Benzyl Alcohol	8.30	79	37257	29.863	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	86993	28.089	ng	99
17) 2-Methylphenol	8.49	107	36580	32.152	ng	96
18) Hexachloroethane	9.13	117	16506	27.685	ng	97
19) n-Nitroso-di-n-propylamine	8.86	70	31237	27.825	ng	94
20) 3+4-Methylphenols	8.83	107	51571	32.822	ng	96
22) Acetophenone	8.89	105	61524	29.404	ng	# 95
24) Nitrobenzene	9.28	77	49440	29.805	ng	99
25) Isophorone	9.79	82	88609	30.077	ng	99
26) 2-Nitrophenol	9.99	139	23008	27.100	ng	96
27) 2,4-Dimethylphenol	10.03	122	43264	35.557	ng	97
28) bis(2-Chloroethoxy)methane	10.27	93	51312	30.863	ng	99
29) 2,4-Dichlorophenol	10.52	162	44195	32.649	ng	99
30) 1,2,4-Trichlorobenzene	10.73	180	46530	28.458	ng	98
31) Naphthalene	10.93	128	128184	31.057	ng	97
32) Benzoic acid	10.17	122	13203m	23.630	ng	
33) 4-Chloroaniline	11.04	127	15895	8.870	ng	93
34) Hexachlorobutadiene	11.19	225	31393	28.375	ng	97
35) Caprolactam	11.81	113	14370	25.652	ng	97
36) 4-Chloro-3-methylphenol	12.15	107	44727	28.955	ng	97
37) 2-Methylnaphthalene	12.52	142	95651	32.484	ng	97
38) 1-Methylnaphthalene	12.75	142	90081	31.527	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	54924	27.636	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121518\
 Data File : BG038610.D
 Acq On : 15 Dec 2018 18:48
 Operator : JU/SJ
 Sample : PB115540BSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115540BSD

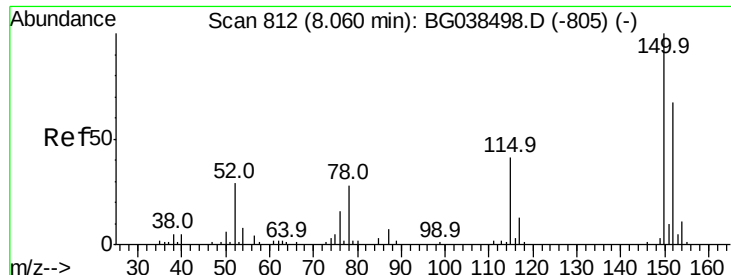
Manual Integrations
 APPROVED

Sohil
 12/16/2018 2:01:18 PM

Quant Time: Dec 16 04:04:07 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	72647	66.533	nq	100
43) 2,4,6-Trichlorophenol	13.13	196	36863	30.166	nq	95
44) 2,4,5-Trichlorophenol	13.21	196	41327	31.942	nq	97
46) 1,1'-Biphenyl	13.53	154	122242	27.425	nq	99
47) 2-Chloronaphthalene	13.58	162	100516	29.194	nq	97
48) 2-Nitroaniline	13.79	65	33789	30.810	nq	97
49) Acenaphthylene	14.42	152	161311	31.340	nq	99
50) Dimethylphthalate	14.15	163	132206	30.448	nq	97
51) 2,6-Dinitrotoluene	14.28	165	29189	29.665	nq	96
52) Acenaphthene	14.76	154	92313	29.993	nq	97
53) 3-Nitroaniline	14.61	138	13332	13.292	nq	98
54) 2,4-Dinitrophenol	14.82	184	29261	51.924	nq	98
55) Dibenzofuran	15.09	168	156386	29.642	nq	97
56) 4-Nitrophenol	14.91	139	46385	60.959	nq	99
57) 2,4-Dinitrotoluene	15.06	165	42341	30.552	nq	96
58) Fluorene	15.74	166	125061	31.995	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.32	232	36758	31.578	nq	99
60) Diethylphthalate	15.50	149	135471	28.421	nq	99
61) 4-Chlorophenyl-phenylether	15.73	204	70451	28.887	nq	99
62) 4-Nitroaniline	15.77	138	30499	29.535	nq	94
63) Azobenzene	16.02	77	119906	30.113	nq	98
65) 4,6-Dinitro-2-methylphenol	15.82	198	25961	27.645	nq	96
66) n-Nitrosodiphenylamine	15.94	169	115685	29.908	nq	97
67) 4-Bromophenyl-phenylether	16.63	248	45868	28.529	nq	96
68) Hexachlorobenzene	16.74	284	48277	28.967	nq	98
69) Atrazine	16.88	200	49183	34.263	nq	97
70) Pentachlorophenol	17.09	266	48859	49.564	nq	94
71) Phenanthrene	17.48	178	223155	32.689	nq	99
72) Anthracene	17.58	178	225241	33.422	nq	99
73) Carbazole	17.85	167	208235	31.243	nq	100
74) Di-n-butylphthalate	18.38	149	252477	33.013	nq	99
75) Fluoranthene	19.49	202	289841	34.315	nq	96
77) Benzidine	19.68	184	68617	16.181	nq	97
78) Pyrene	19.86	202	292307	30.857	nq	99
80) Butylbenzylphthalate	20.72	149	113232	30.596	nq	95
81) Benzo(a)anthracene	21.70	228	285971	32.729	nq	98
82) 3,3'-Dichlorobenzidine	21.61	252	55320	15.964	nq	# 96
83) Chrysene	21.77	228	260997	31.012	nq	98
84) Bis(2-ethylhexyl)phthalate	21.57	149	159588	30.404	nq	98
85) Di-n-octyl phthalate	22.80	149	275765	31.370	nq	100
86) Indeno(1,2,3-cd)pyrene	28.79	276	313767	31.712	nq	# 88
88) Benzo(b)fluoranthene	23.96	252	286142	33.548	nq	100
89) Benzo(k)fluoranthene	24.03	252	265826	31.298	nq	97
90) Benzo(a)pyrene	24.86	252	272878	33.162	nq	100
91) Dibenzo(a,h)anthracene	28.86	278	265603	32.418	nq	98
92) Benzo(g,h,i)perylene	29.98	276	260599	32.276	nq	97

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



#1

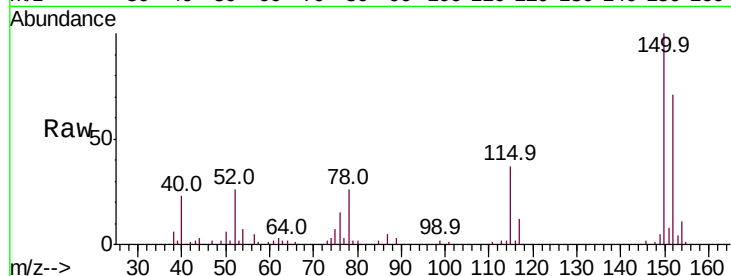
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038610.D
Acq: 15 Dec 2018 18:48

Instrument :
BNA_G
ClientSampleId :
PB115540BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	141.1	119.5	179.3
115	51.7	49.6	74.4

Manual Integrations
APPROVED

Sohil
12/16/2018 2:01:18 PM

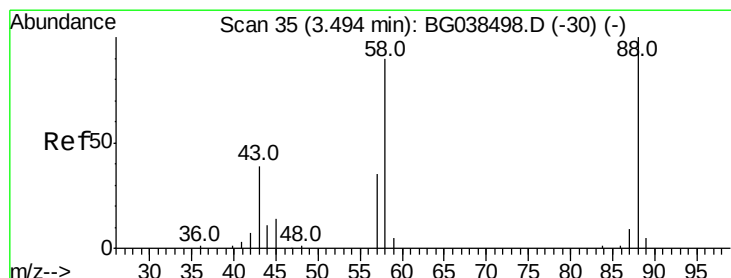
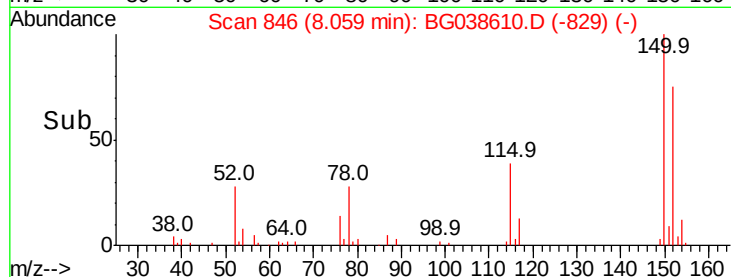
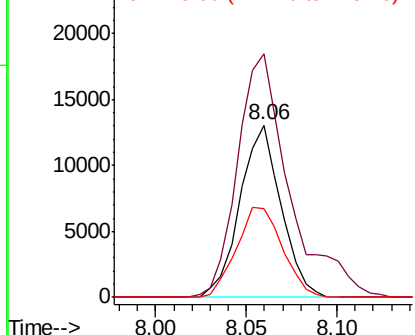


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

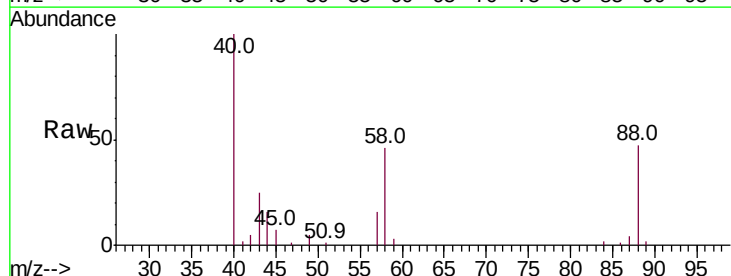
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 24.221 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.01 min
Lab File: BG038610.D
Acq: 15 Dec 2018 18:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	99.6	75.7	113.5
43	44.7	31.6	47.4

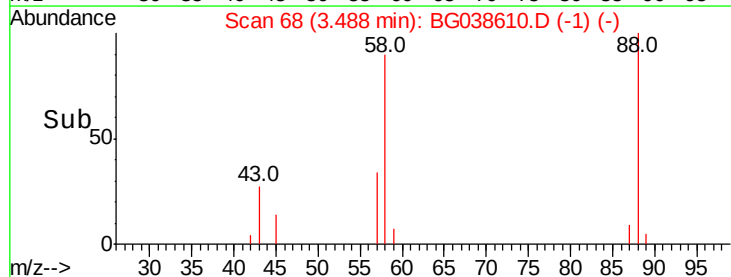
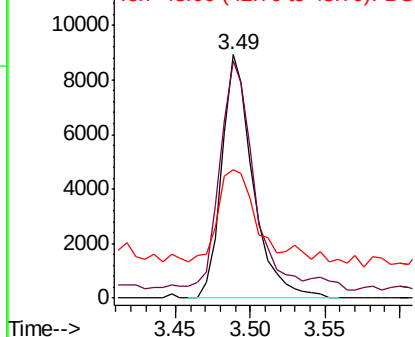


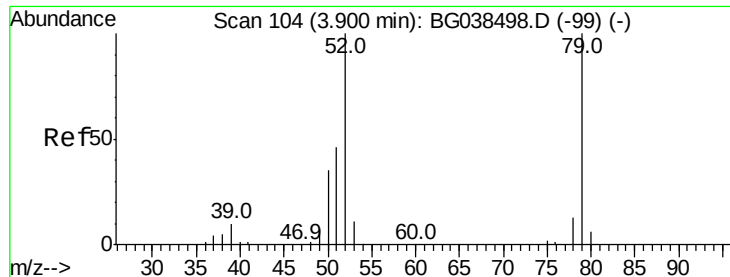
Abundance

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





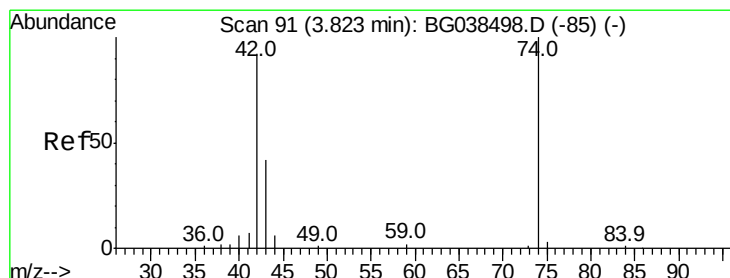
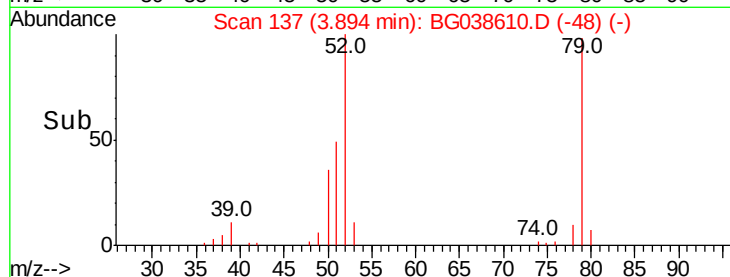
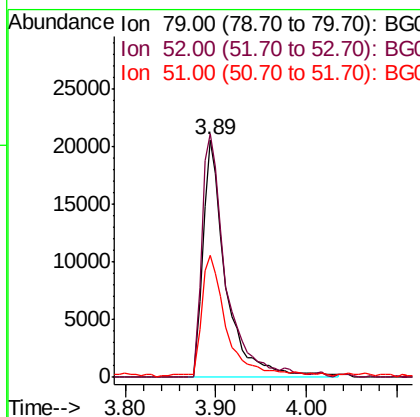
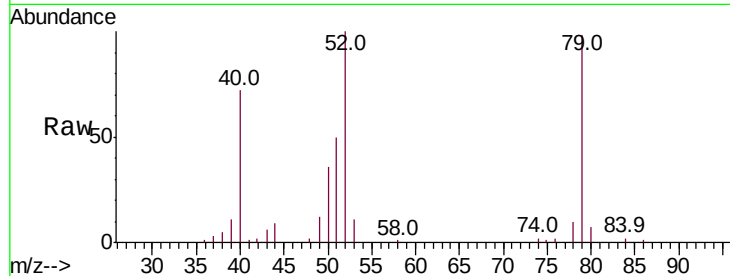
#3
 Pvridine
 Concen: 24.464 ng
 RT: 3.89 min Scan# 137
 Delta R.T. -0.01 min
 Lab File: BG038610.D
 Acq: 15 Dec 2018 18:48

Instrument :
 BNA_G
 ClientSampleId :
 PB115540BSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	102.6	80.2	120.2
51	51.2	38.0	57.0

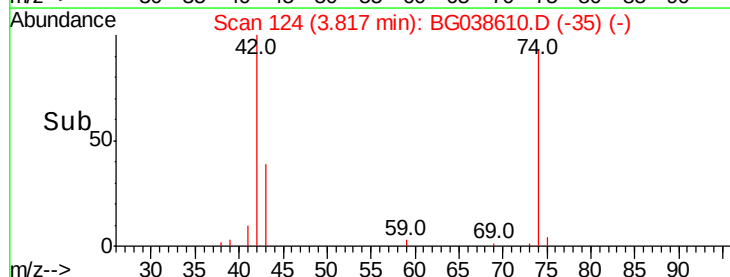
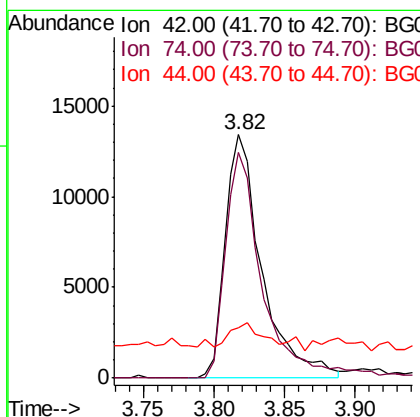
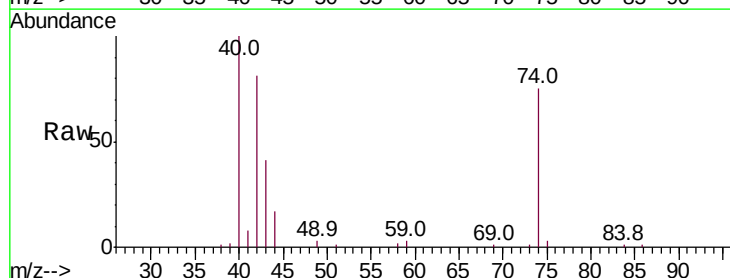
Manual Integrations
 APPROVED

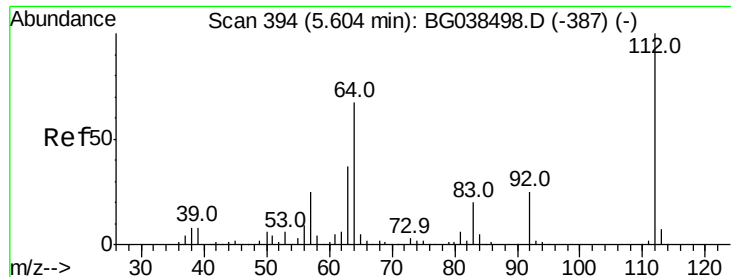
Sohil
 12/16/2018 2:01:18 PM



#4
 n-Nitrosodimethylamine
 Concen: 33.225 ng
 RT: 3.82 min Scan# 124
 Delta R.T. -0.01 min
 Lab File: BG038610.D
 Acq: 15 Dec 2018 18:48

Tgt Ion	Ratio	Lower	Upper
42	100		
74	92.8	86.7	130.1
44	20.8	7.8	11.8#





#5

2-Fluorophenol

Concen: 68.084 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.01 min

Lab File: BG038610.D

Acq: 15 Dec 2018 18:48

Instrument :

BNA_G

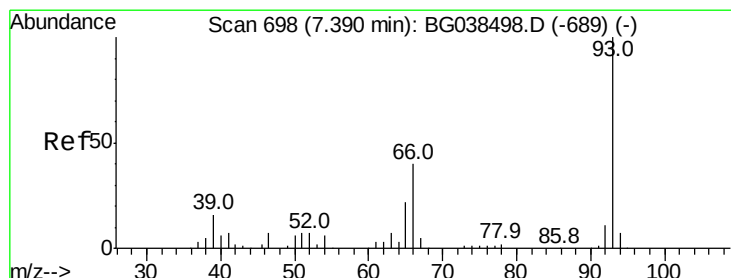
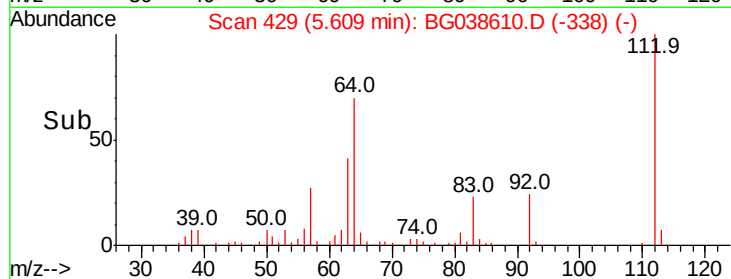
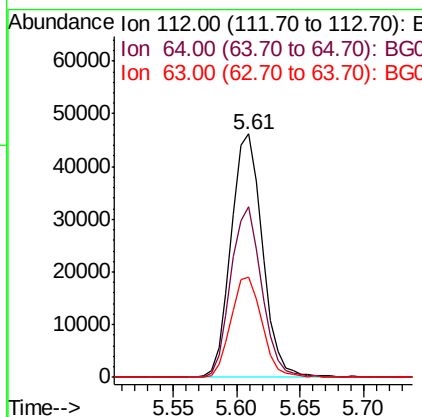
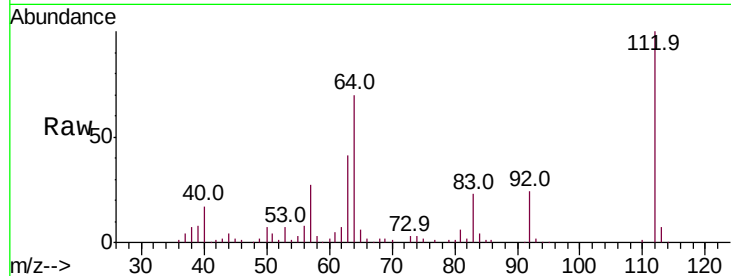
ClientSampleId :

PB115540BSD

Tot Ion:	112	Resp:	79272
Ion Ratio	Lower	Upper	
112	100		
64	70.2	53.4	80.2
63	41.1	29.3	43.9

Manual Integrations
APPROVED

Sohil
12/16/2018 2:01:18 PM



#6

Aniline

Concen: 13.802 ng

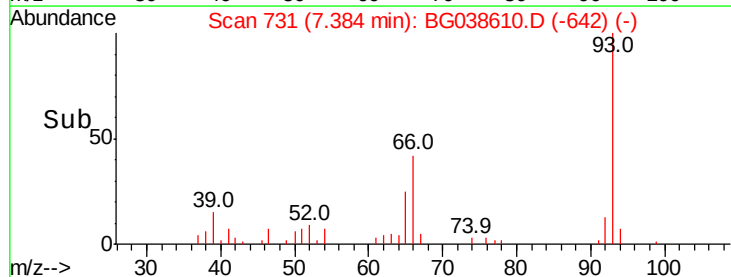
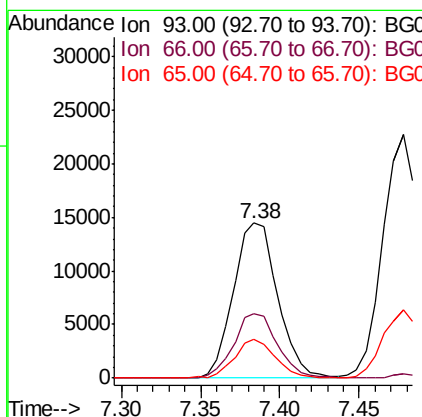
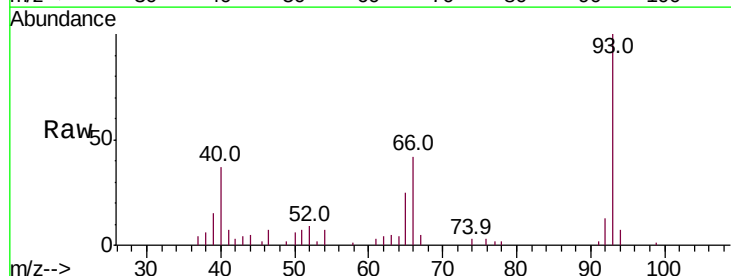
RT: 7.38 min Scan# 731

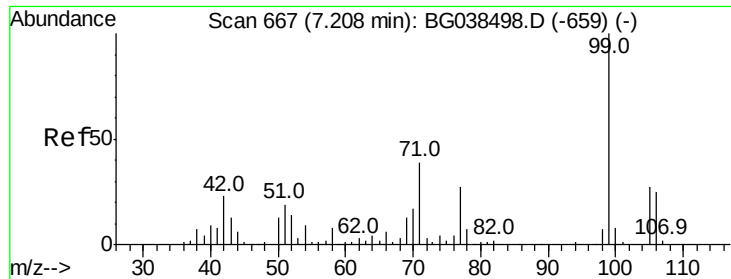
Delta R.T. -0.01 min

Lab File: BG038610.D

Acq: 15 Dec 2018 18:48

Tgt Ion:	93	Resp:	28162
Ion Ratio	Lower	Upper	
93	100		
66	41.6	31.7	47.5
65	25.2	17.8	26.6





#7

Phenol-d6

Concen: 68.394 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG038610.D

Acq: 15 Dec 2018 18:48

Instrument :

BNA_G

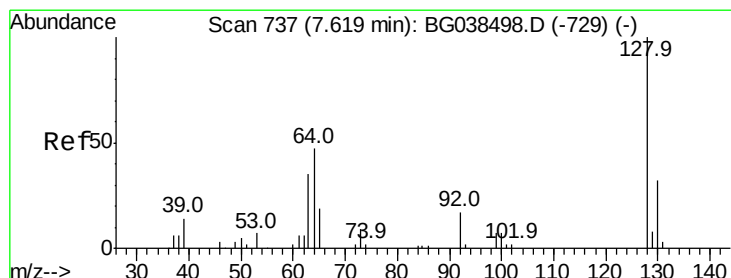
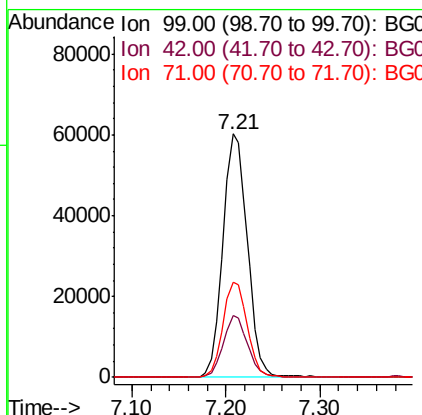
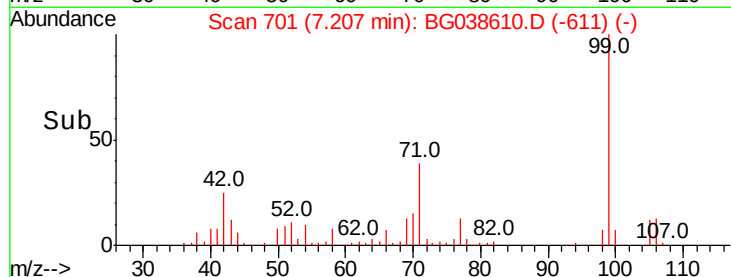
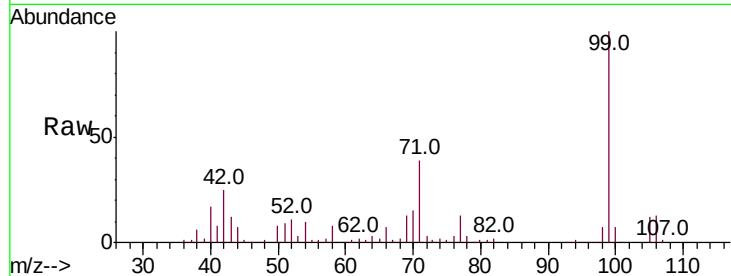
ClientSampleId :

PB115540BSD

Tot Ion	99	Resp	109320
Ion	Ratio	Lower	Upper
99	100		
42	25.2	18.5	27.7
71	39.0	31.1	46.7

Manual Integrations
APPROVED

Sohil
12/16/2018 2:01:18 PM



#8

2-Chlorophenol

Concen: 32.261 ng

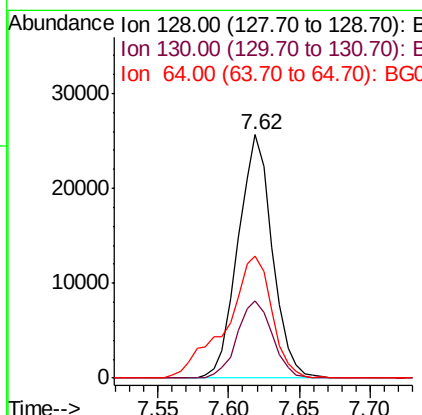
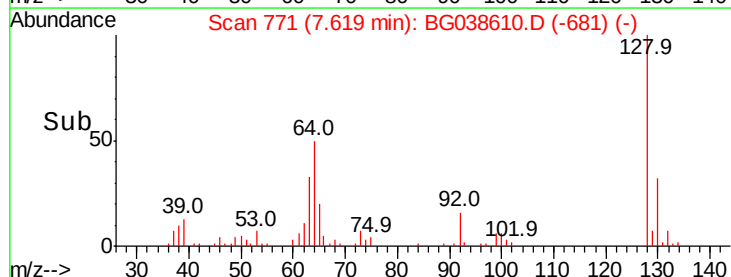
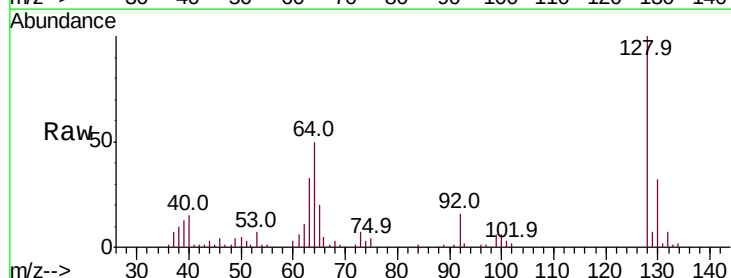
RT: 7.62 min Scan# 771

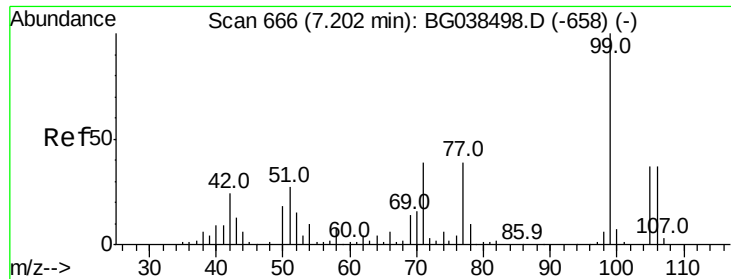
Delta R.T. -0.00 min

Lab File: BG038610.D

Acq: 15 Dec 2018 18:48

Tgt Ion	128	Resp	43468
Ion	Ratio	Lower	Upper
128	100		
130	31.9	11.8	51.8
64	50.1	33.2	73.2





#9

Benzaldehyde

Concen: 16.510 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG038610.D

Acq: 15 Dec 2018 18:48

Instrument :

BNA_G

ClientSampleId :

PB115540BSD

Tot Ion: 77 Resp: 17119

Ion Ratio Lower Upper

77 100

105 94.6 74.0 114.0

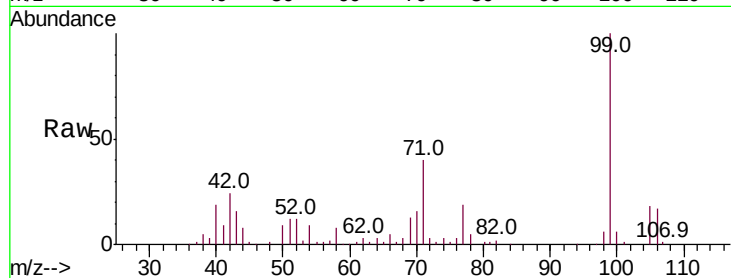
106 85.7 73.9 113.9

Manual Integrations

APPROVED

Sohil

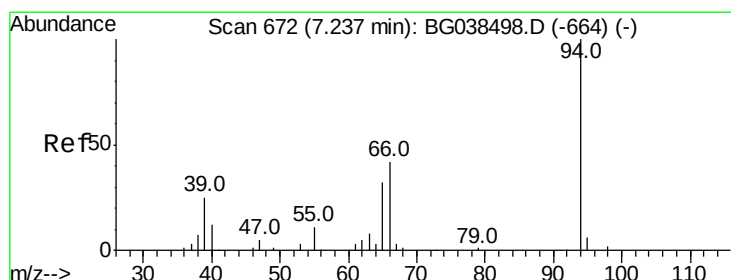
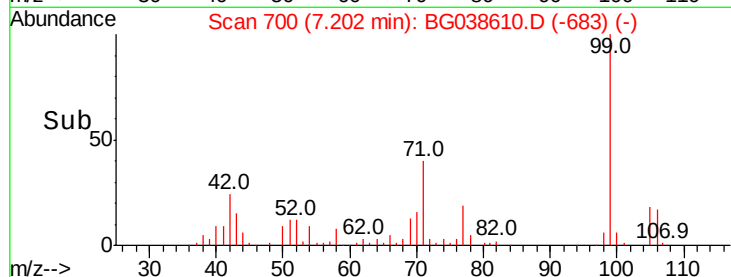
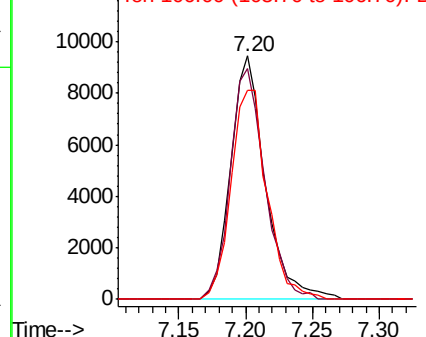
12/16/2018 2:01:18 PM



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 32.170 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG038610.D

Acq: 15 Dec 2018 18:48

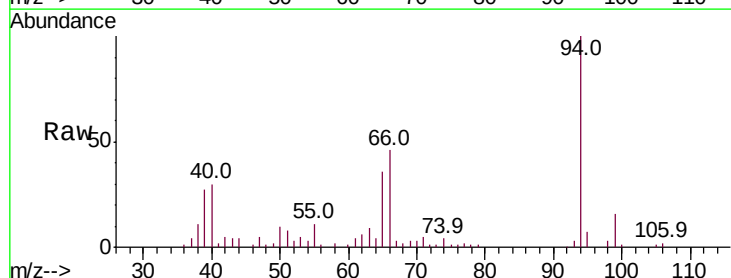
Tgt Ion: 94 Resp: 54629

Ion Ratio Lower Upper

94 100

65 35.6 12.6 52.6

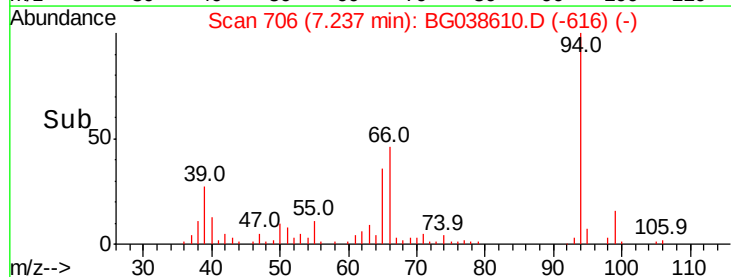
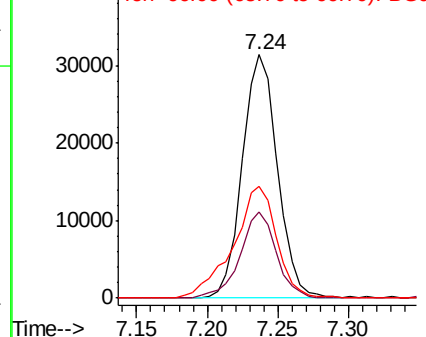
66 45.8 24.1 64.1

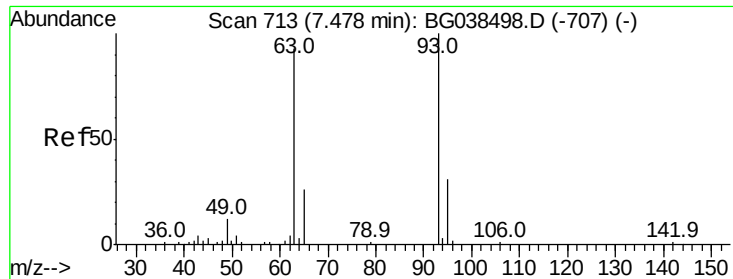


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11
 bis(2-Chloroethyl)ether
 Concen: 28.162 ng
 RT: 7.48 min Scan# 747
 Delta R.T. -0.00 min
 Lab File: BG038610.D
 Acq: 15 Dec 2018 18:48

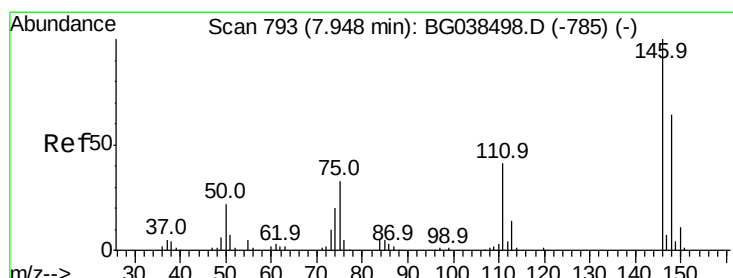
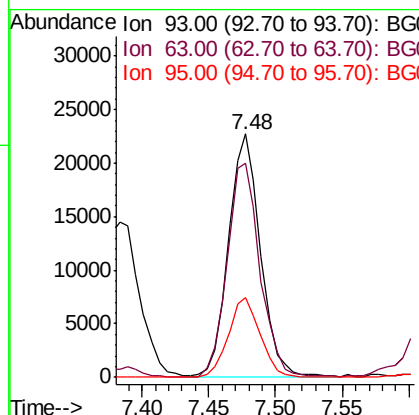
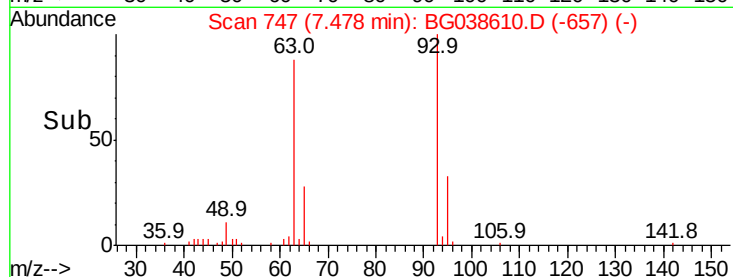
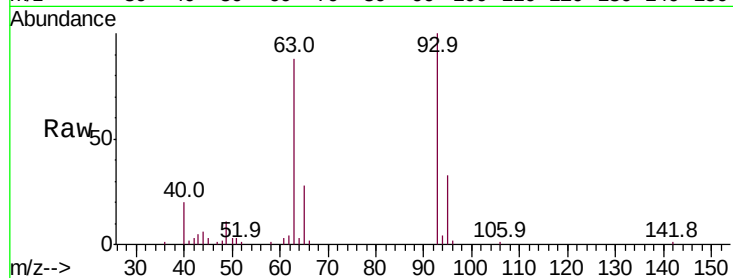
Instrument :
 BNA_G
 ClientSampleId :
 PB115540BSD

Tot Ion: 93 Resp: 38074

Ion	Ratio	Lower	Upper
93	100		
63	88.2	72.2	112.2
95	32.7	11.2	51.2

Manual Integrations
 APPROVED

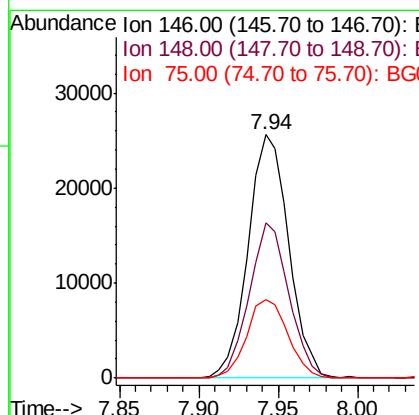
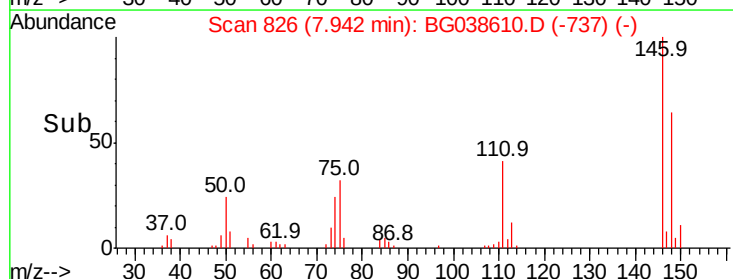
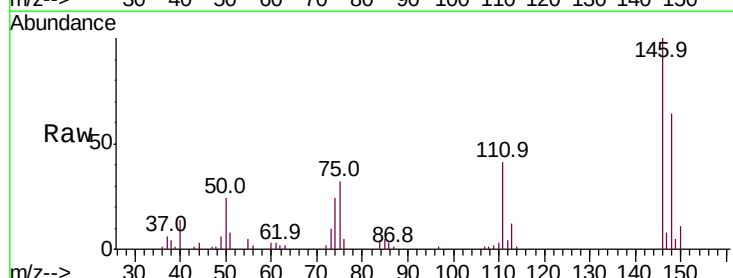
Sohil
 12/16/2018 2:01:18 PM

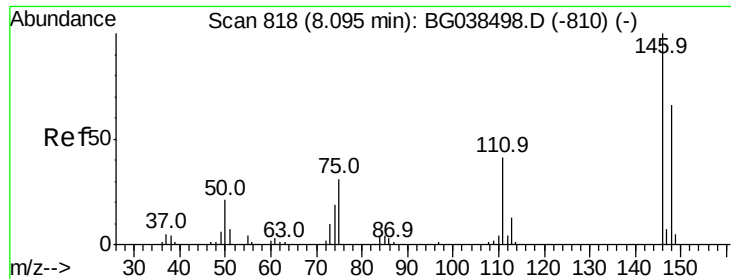


#12
 1,3-Dichlorobenzene
 Concen: 28.614 ng
 RT: 7.94 min Scan# 826
 Delta R.T. -0.01 min
 Lab File: BG038610.D
 Acq: 15 Dec 2018 18:48

Tgt Ion: 146 Resp: 45586

Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.4	77.0
75	32.0	26.1	39.1





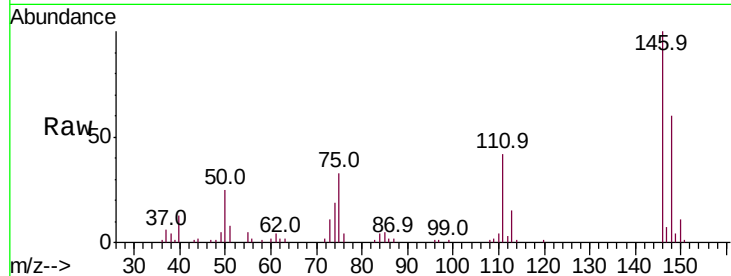
#13
 1,4-Dichlorobenzene
 Concen: 28.075 ng
 RT: 8.09 min Scan# 852
 Delta R.T. -0.00 min
 Lab File: BG038610.D
 Acq: 15 Dec 2018 18:48

Instrument :
 BNA_G
 ClientSampleId :
 PB115540BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	59.9	52.4	78.6
111	41.8	33.0	49.4

Manual Integrations
 APPROVED

Sohil
 12/16/2018 2:01:18 PM

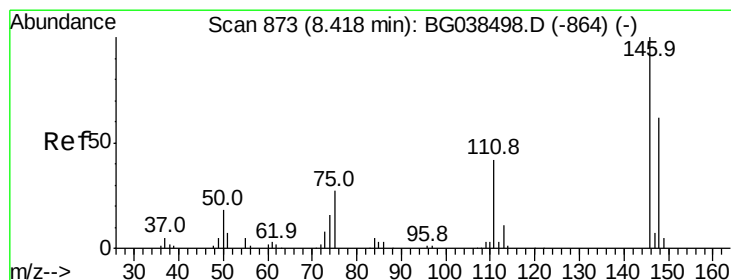
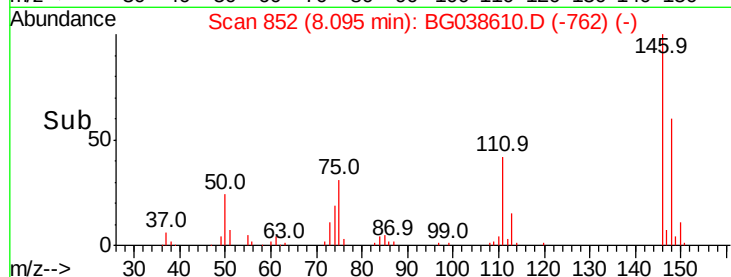
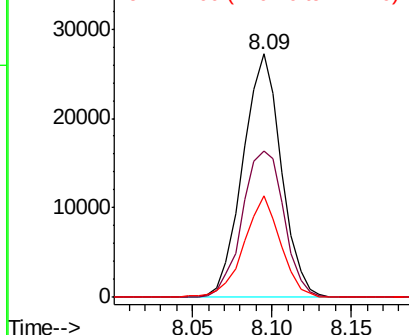


Abundance

Ion 146.00 (145.70 to 146.70): E

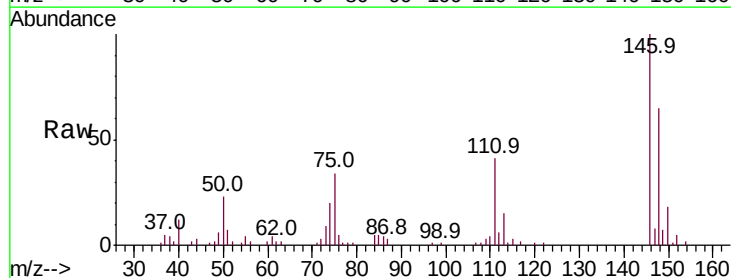
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 28.076 ng
 RT: 8.41 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BG038610.D
 Acq: 15 Dec 2018 18:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	49.4	74.0
111	40.8	33.8	50.6

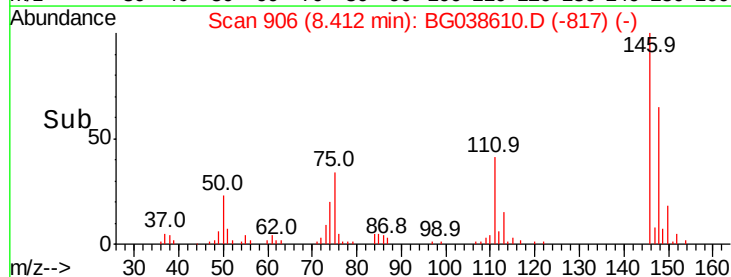
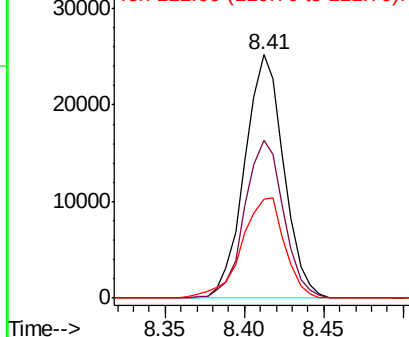


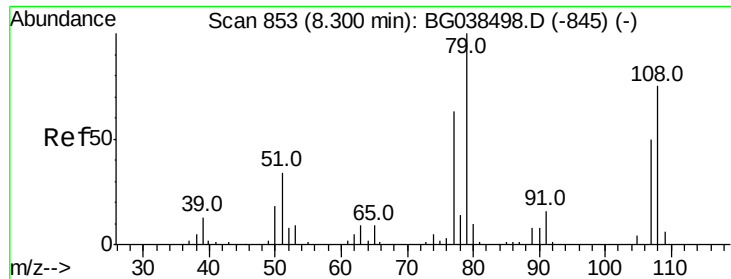
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





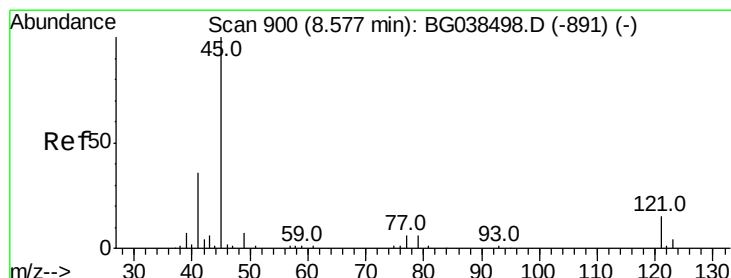
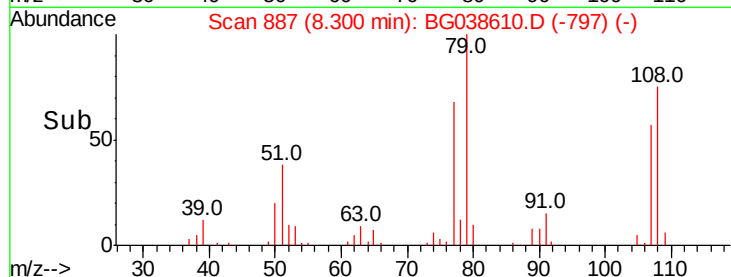
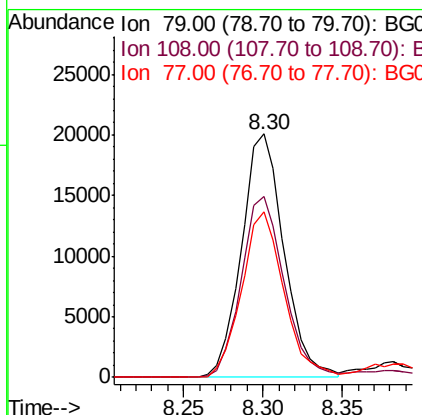
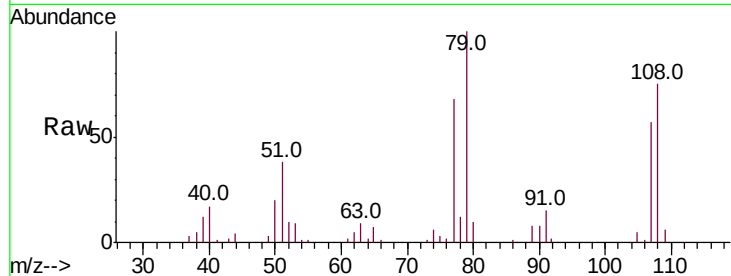
#15
Benzyl Alcohol
Concen: 29.863 ng
RT: 8.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BG038610.D
Acq: 15 Dec 2018 18:48

Instrument :
BNA_G
ClientSampleID :
PB115540BSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	74.5	60.2	90.4
77	67.8	50.7	76.1

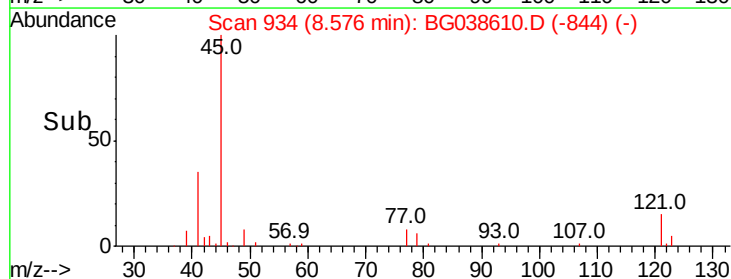
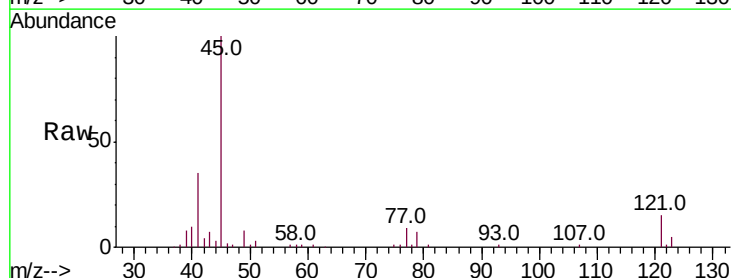
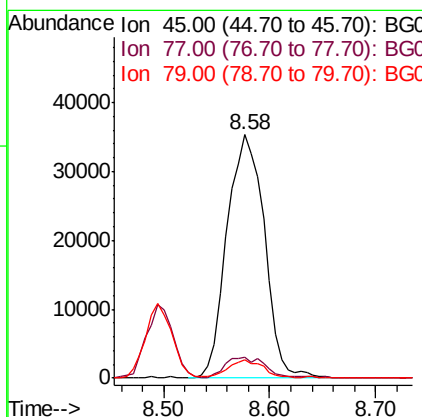
Manual Integrations
APPROVED

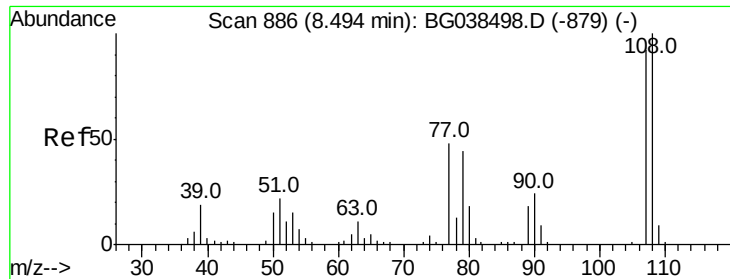
Sohil
12/16/2018 2:01:18 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 28.089 ng
RT: 8.58 min Scan# 934
Delta R.T. -0.00 min
Lab File: BG038610.D
Acq: 15 Dec 2018 18:48

Tgt Ion	Ratio	Lower	Upper
45	100		
77	8.7	0.0	28.2
79	7.3	0.0	27.2





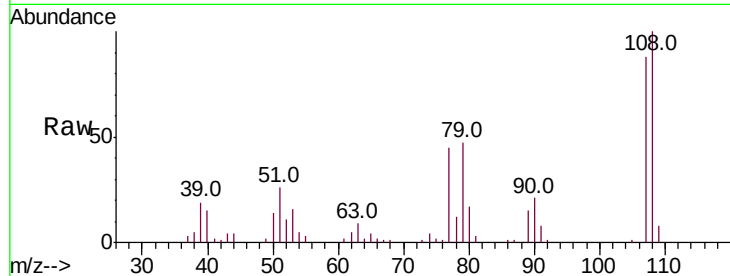
#17
2-Methylphenol
Concen: 32.152 ng
RT: 8.49 min Scan# 920
Delta R.T. -0.00 min
Lab File: BG038610.D
Acq: 15 Dec 2018 18:48

Instrument :
BNA_G
ClientSampleId :
PB115540BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.1	87.1	130.7	
77	51.2	42.0	63.0	
79	52.7	38.2	57.2	

Manual Integrations
APPROVED

Sohil
12/16/2018 2:01:18 PM



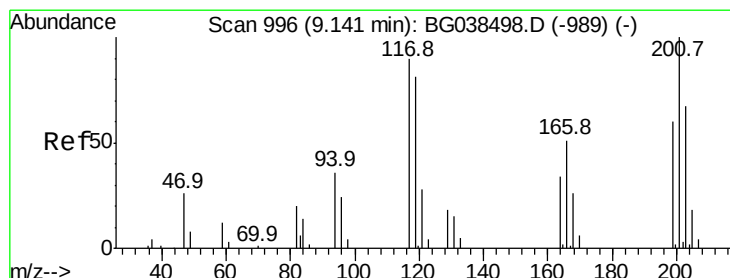
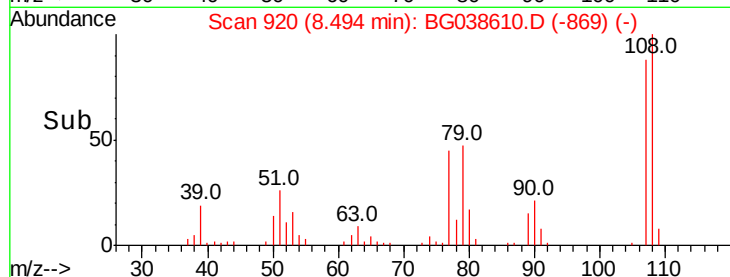
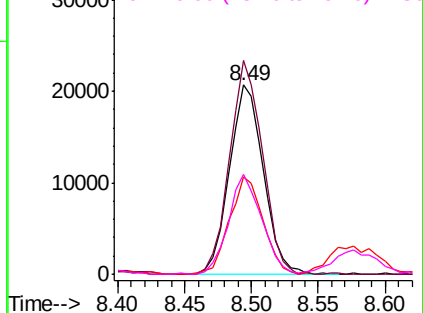
Abundance

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: 27.685 ng
RT: 9.13 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG038610.D
Acq: 15 Dec 2018 18:48

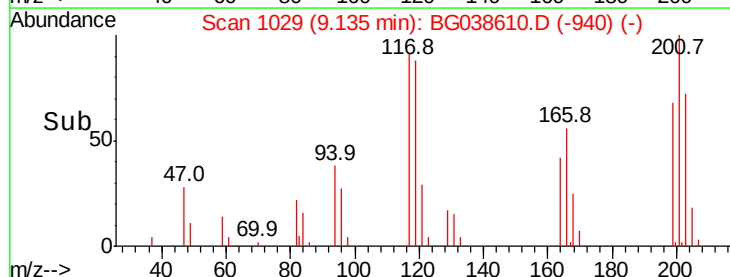
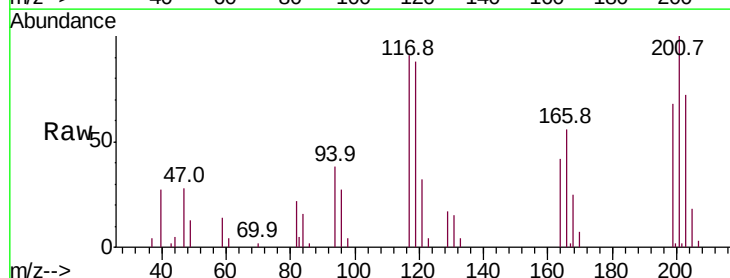
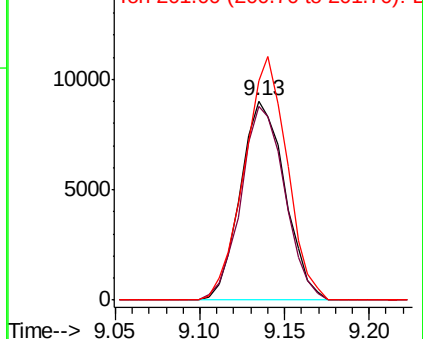
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.0	73.8	110.8	
201	112.4	89.4	134.0	

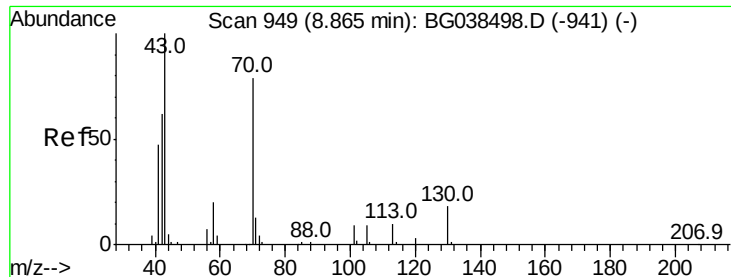
Abundance

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





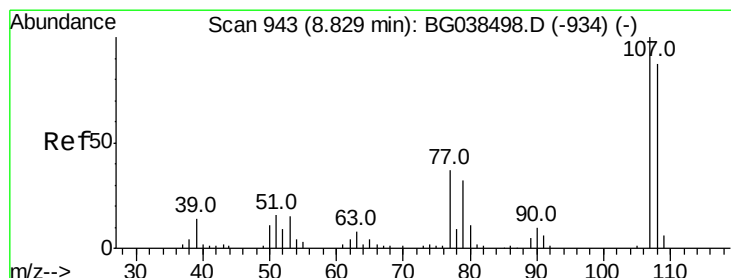
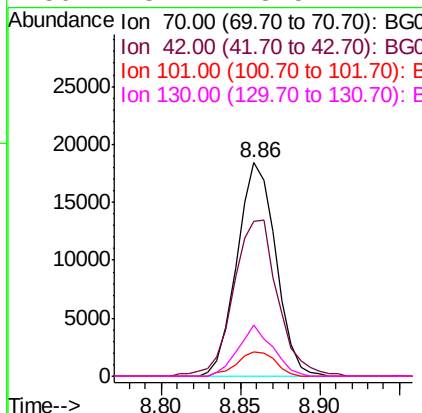
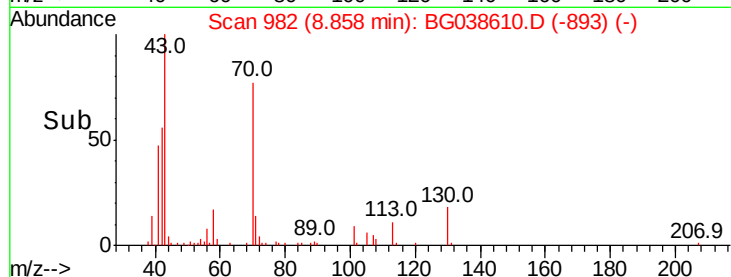
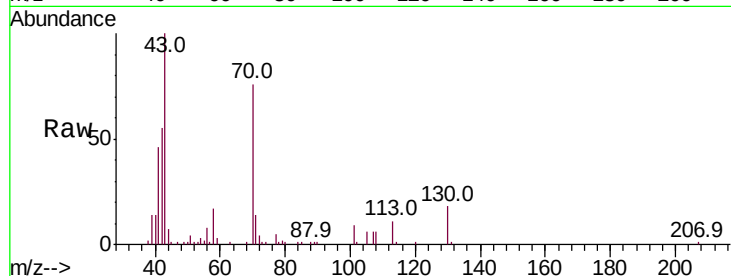
#19
n-Nitroso-di-n-propylamine
Concen: 27.825 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.01 min
Lab File: BG038610.D
Acq: 15 Dec 2018 18:48

Instrument :
BNA_G
ClientSampleId :
PB115540BSD

Tot Ion	Ion	Ratio	Lower	Upper
31237	70	100		
	42	72.6	63.6	95.4
	101	11.4	9.2	13.8
	130	23.7	18.5	27.7

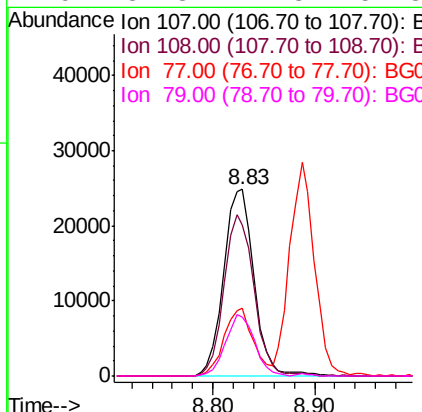
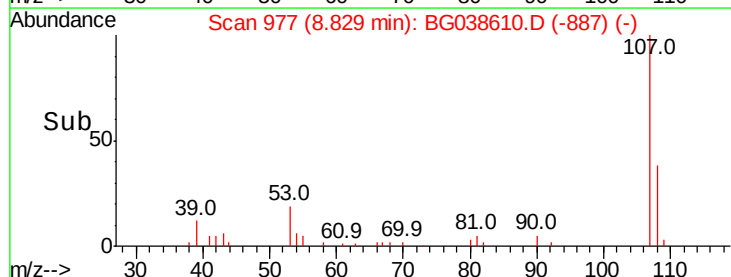
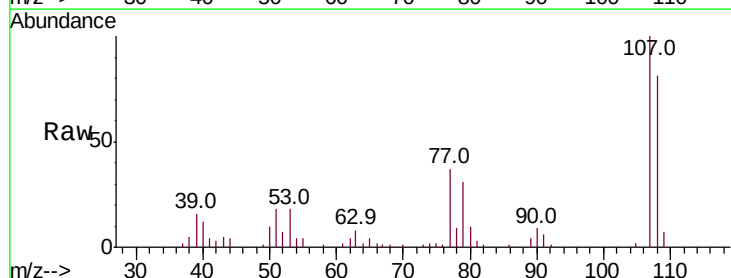
Manual Integrations
APPROVED

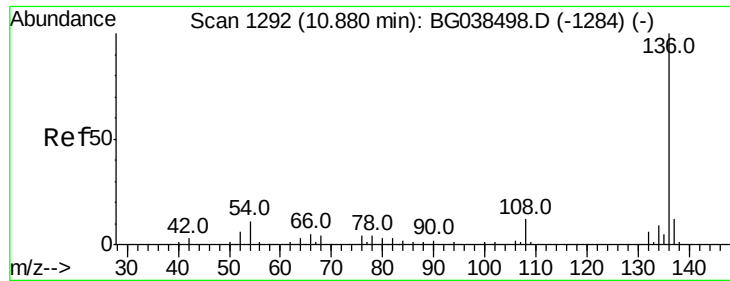
Sohil
12/16/2018 2:01:18 PM



#20
3+4-Methylphenols
Concen: 32.822 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG038610.D
Acq: 15 Dec 2018 18:48

Tgt Ion	Ion	Ratio	Lower	Upper
51571	107	100		
	108	81.1	66.7	106.7
	77	36.5	17.3	57.3
	79	31.3	12.3	52.3





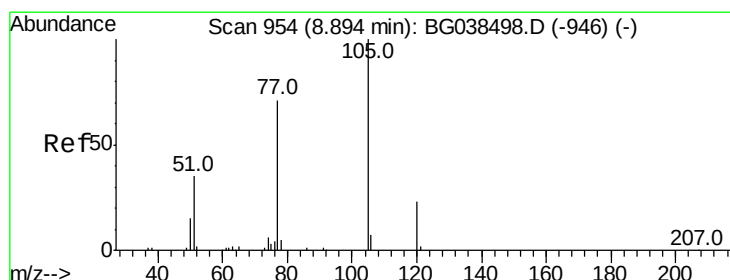
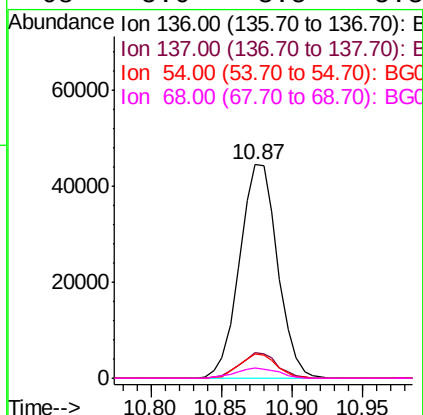
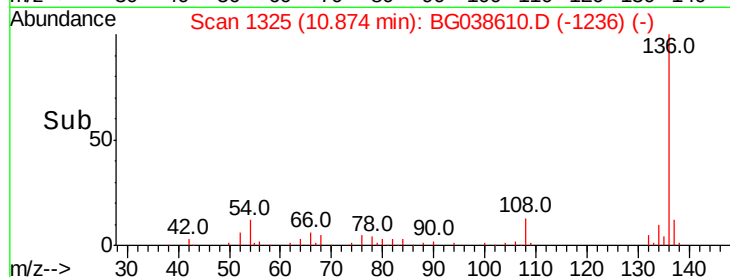
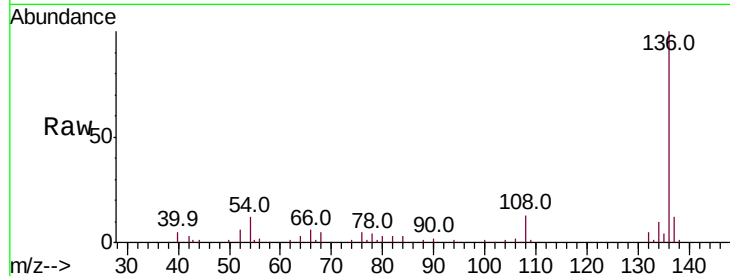
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG038610.D
Acq: 15 Dec 2018 18:48

Instrument :
BNA_G
ClientSampleId :
PB115540BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	83769		
137	11.8	9.3	13.9	
54	11.6	8.5	12.7	
68	5.0	3.5	5.3	

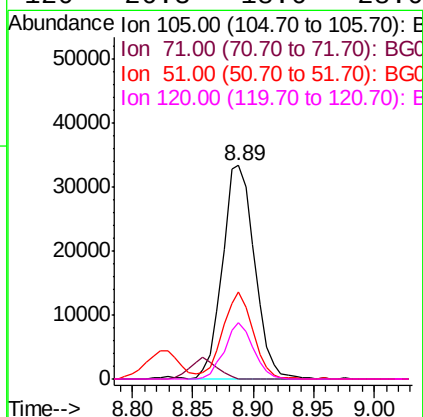
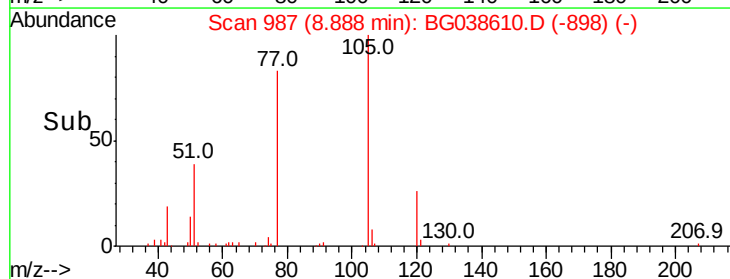
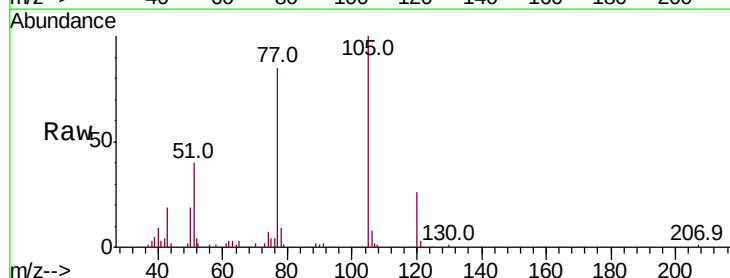
Manual Integrations
APPROVED

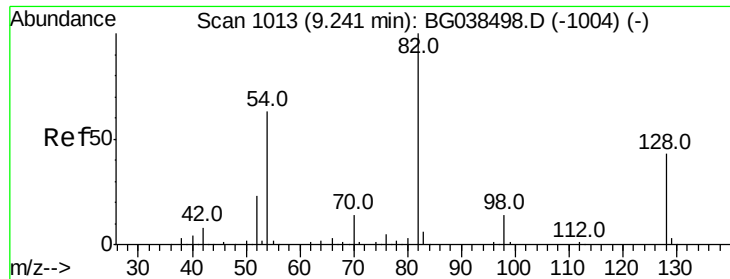
Sohil
12/16/2018 2:01:18 PM



#22
Acetophenone
Concen: 29.404 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BG038610.D
Acq: 15 Dec 2018 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	61524		
71	0.0	0.4	0.6#	
51	40.5	30.6	46.0	
120	26.3	18.6	28.0	





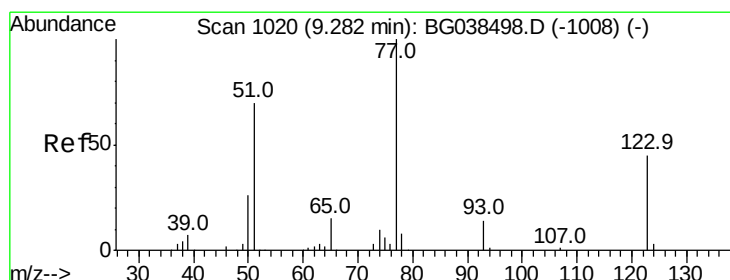
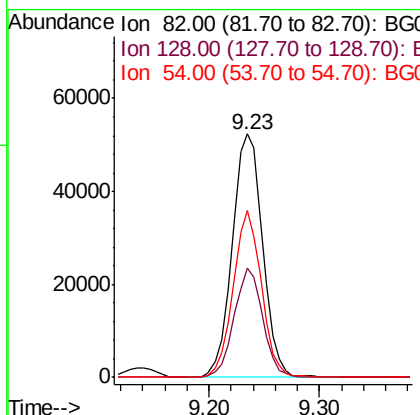
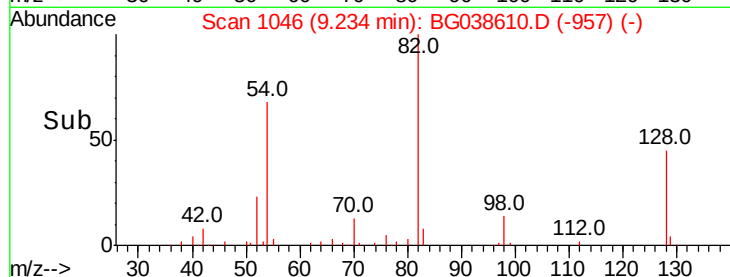
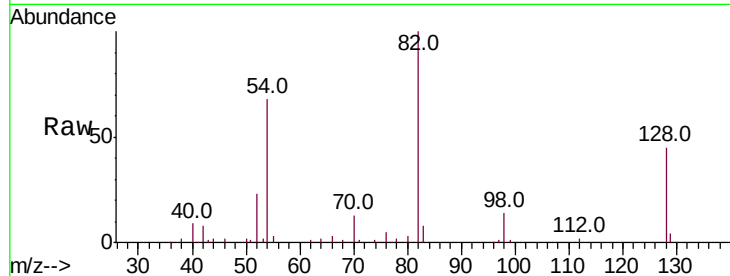
#23
Nitrobenzene-d5
Concen: 61.464 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038610.D
Acq: 15 Dec 2018 18:48

Instrument :
BNA_G
ClientSampleId :
PB115540BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.7	34.6	52.0
54	68.4	50.6	76.0

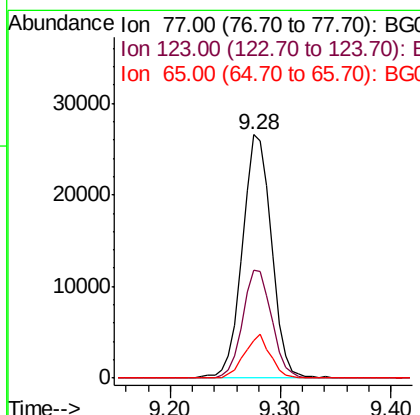
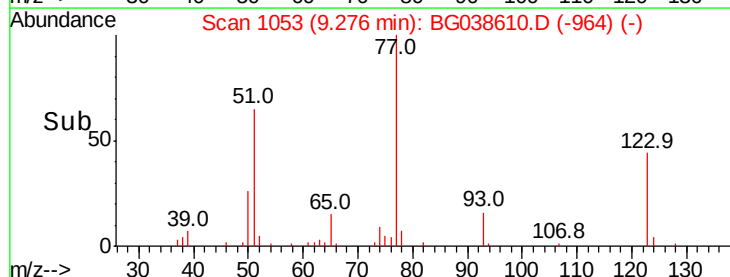
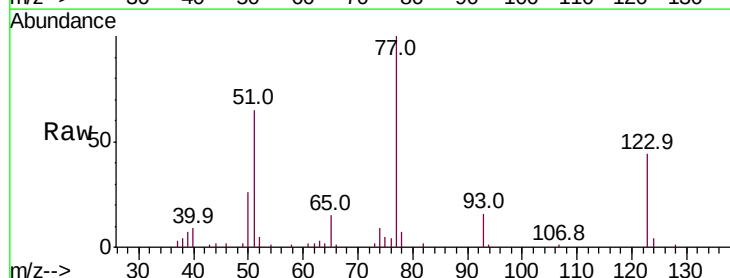
Manual Integrations
APPROVED

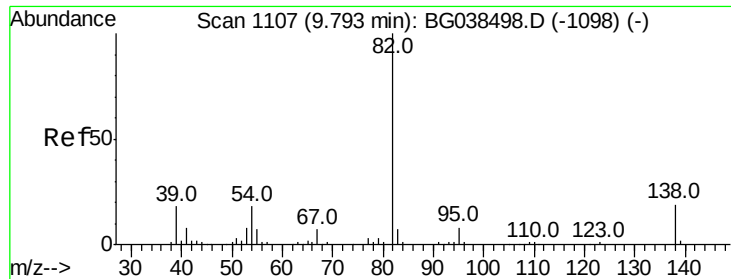
Sohil
12/16/2018 2:01:18 PM



#24
Nitrobenzene
Concen: 29.805 ng
RT: 9.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BG038610.D
Acq: 15 Dec 2018 18:48

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.1	35.9	53.9
65	15.2	12.0	18.0





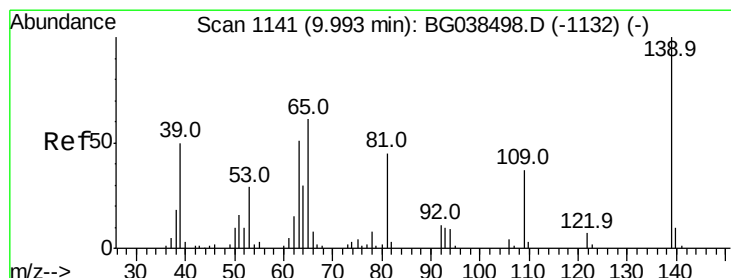
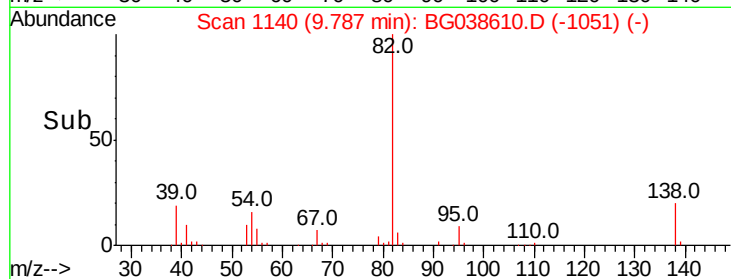
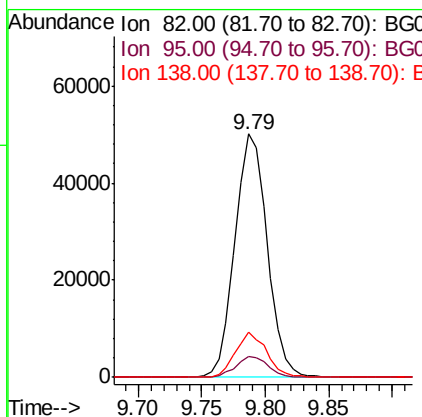
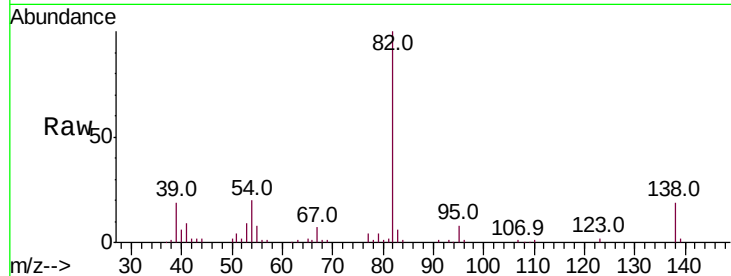
#25
Isophorone
Concen: 30.077 ng
RT: 9.79 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BG038610.D
Acq: 15 Dec 2018 18:48

Instrument :
BNA_G
ClientSampleId :
PB115540BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	8.4	6.1	9.1	
138	18.6	14.9	22.3	

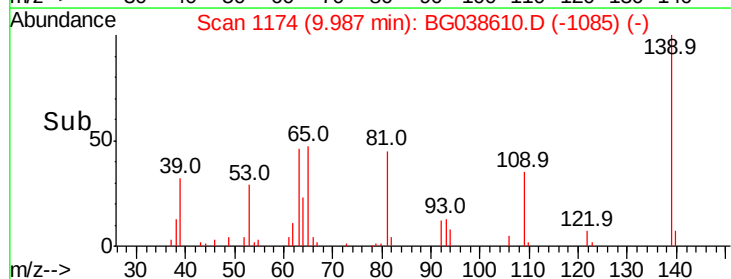
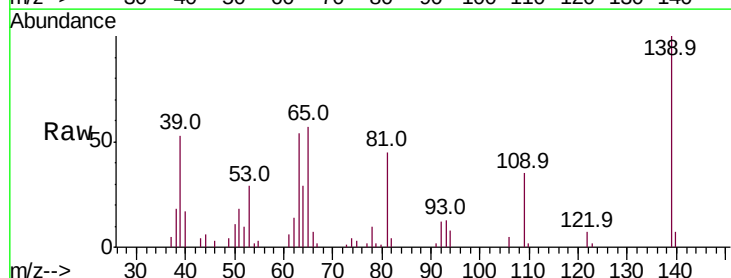
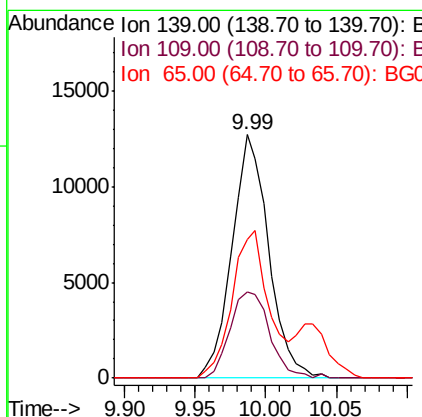
Manual Integrations
APPROVED

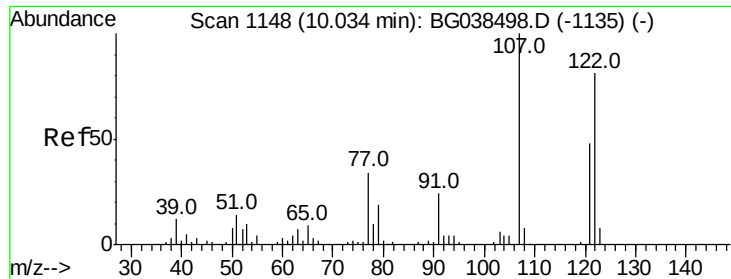
Sohil
12/16/2018 2:01:18 PM



#26
2-Nitrophenol
Concen: 27.100 ng
RT: 9.99 min Scan# 1174
Delta R.T. -0.01 min
Lab File: BG038610.D
Acq: 15 Dec 2018 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	35.4	29.5	44.3	
65	56.9	48.5	72.7	





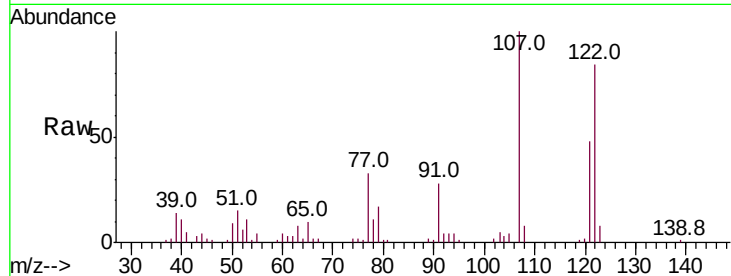
#27
2,4-Dimethylphenol
Concen: 35.557 ng
RT: 10.03 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BG038610.D
Acq: 15 Dec 2018 18:48

Instrument :
BNA_G
ClientSampleId :
PB115540BSD

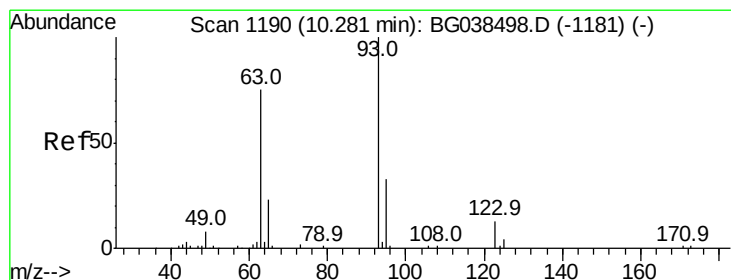
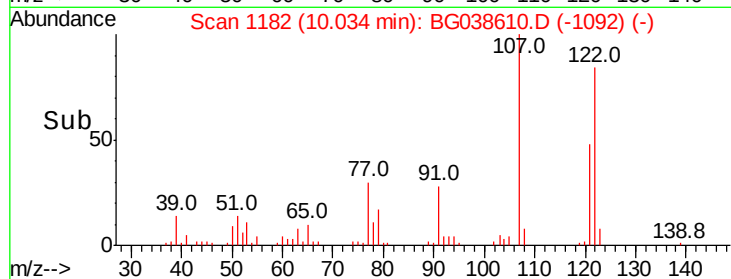
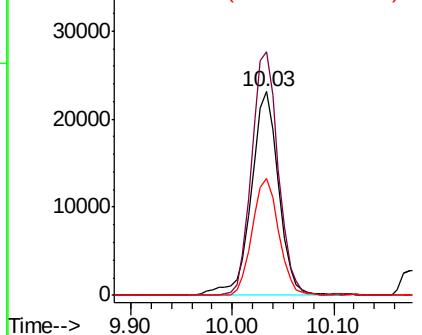
Tot Ion:122 Resp: 43264
Ion Ratio Lower Upper
122 100
107 119.5 98.4 147.6
121 57.7 47.2 70.8

Manual Integrations
APPROVED

Sohil
12/16/2018 2:01:18 PM

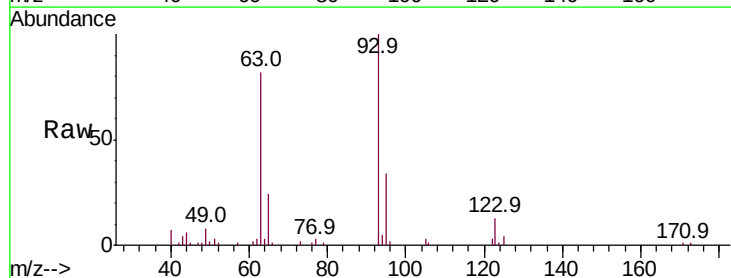


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

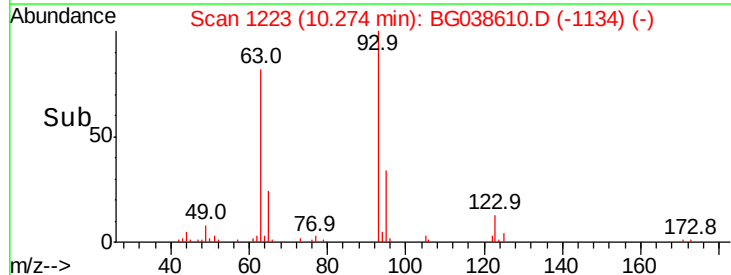
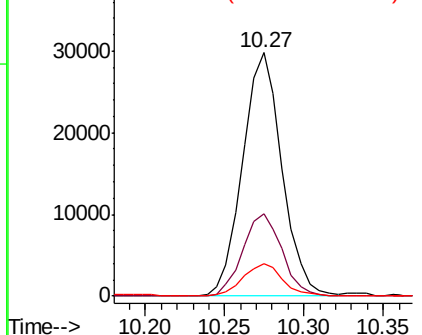


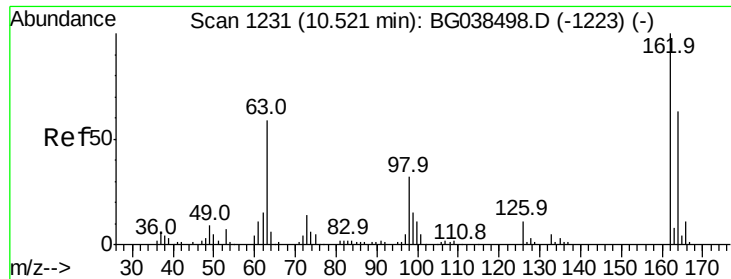
#28
bis(2-Chloroethoxy)methane
Concen: 30.863 ng
RT: 10.27 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BG038610.D
Acq: 15 Dec 2018 18:48

Tgt Ion: 93 Resp: 51312
Ion Ratio Lower Upper
93 100
95 34.0 26.6 40.0
123 13.5 10.6 16.0



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 123.00 (122.70 to 123.70): E





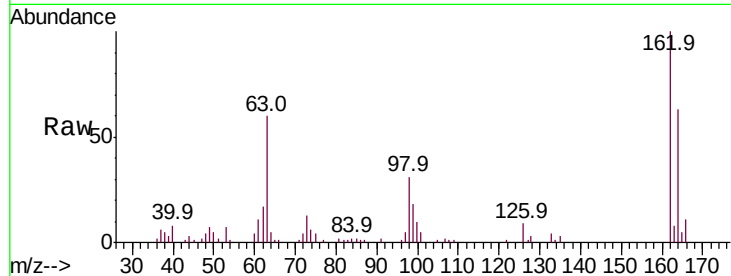
#29
2,4-Dichlorophenol
Concen: 32.649 ng
RT: 10.52 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BG038610.D
Acq: 15 Dec 2018 18:48

Instrument :
BNA_G
ClientSampleId :
PB115540BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	44195		
164	63.1		42.9	82.9
98	31.1		12.1	52.1

Manual Integrations
APPROVED

Sohil
12/16/2018 2:01:18 PM

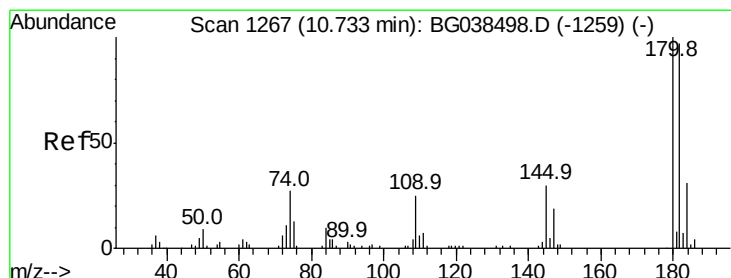
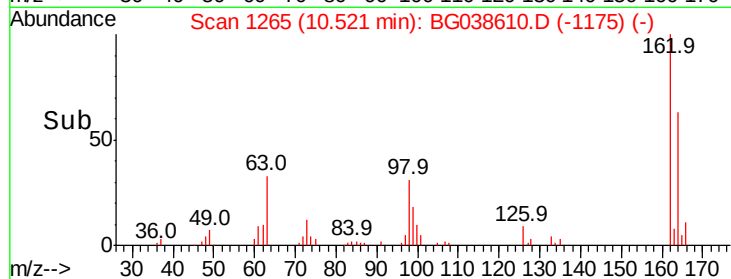
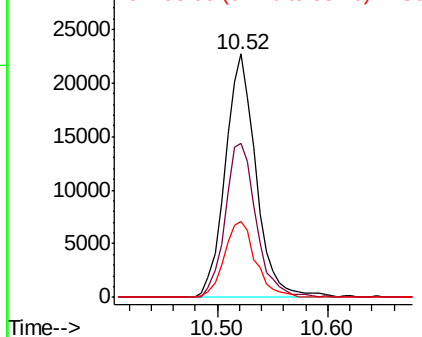


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
1,2,4-Trichlorobenzene
Concen: 28.458 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BG038610.D
Acq: 15 Dec 2018 18:48

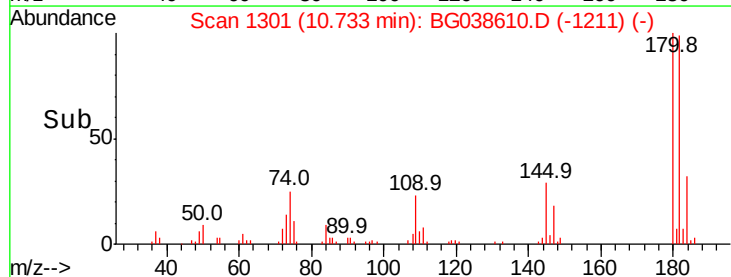
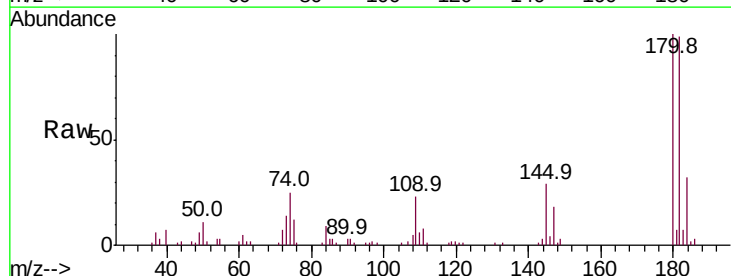
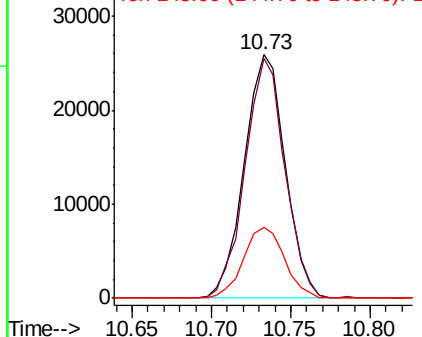
Tgt Ion	Ratio	Resp	Lower	Upper
180	100	46530		
182	98.7		77.4	116.0
145	29.2		24.1	36.1

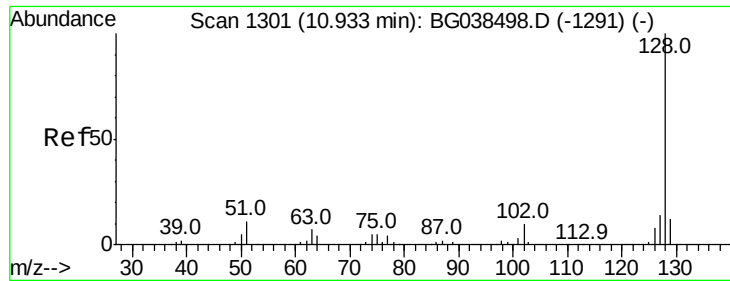
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





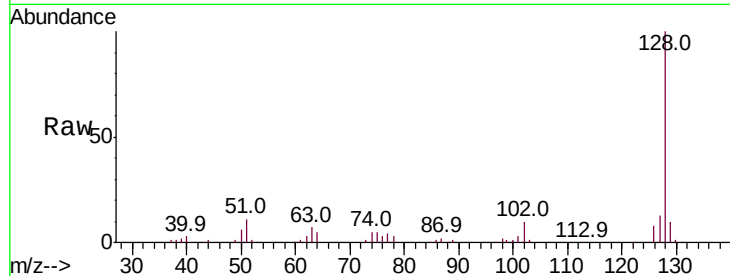
#31
Naphthalene
Concen: 31.057 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG038610.D
Acq: 15 Dec 2018 18:48

Instrument :
BNA_G
ClientSampleId :
PB115540BSD

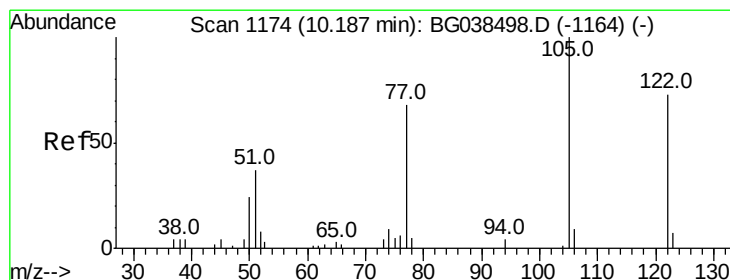
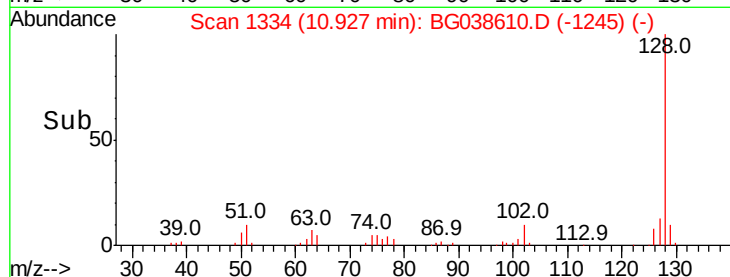
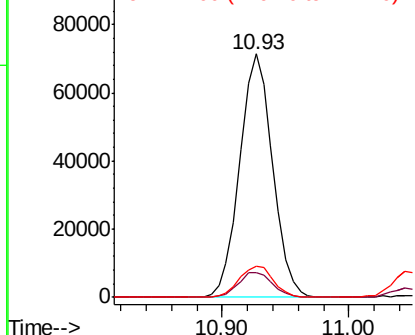
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.1	9.5	14.3
127	12.9	10.9	16.3

Manual Integrations
APPROVED

Sohil
12/16/2018 2:01:18 PM

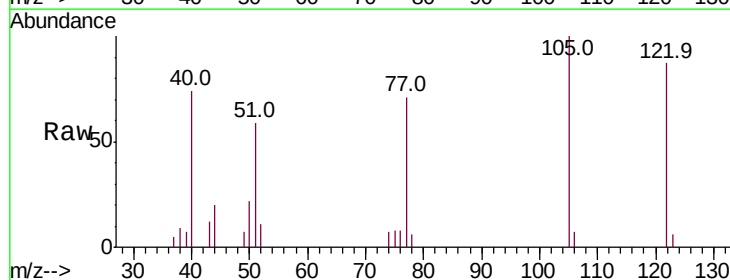


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

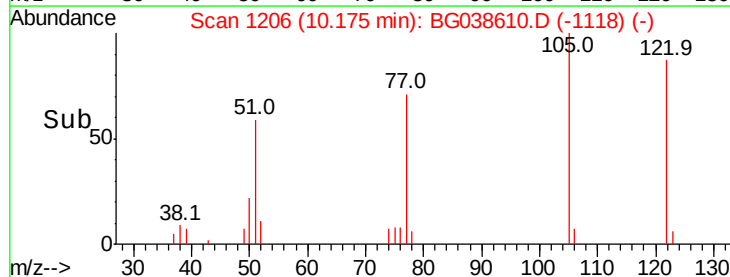
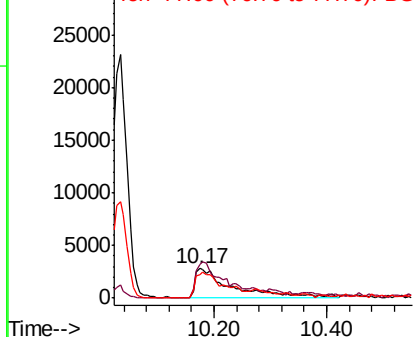


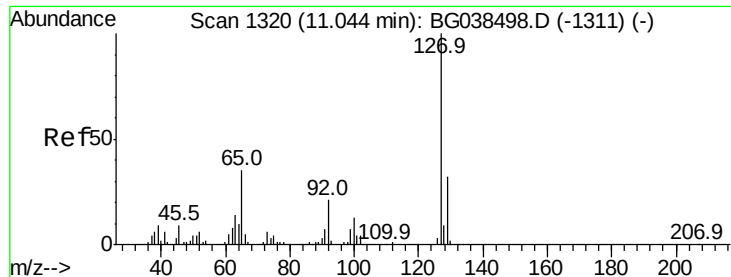
#32
Benzoic acid
Concen: 23.630 ng m
RT: 10.17 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BG038610.D
Acq: 15 Dec 2018 18:48

Tgt Ion	Ratio	Lower	Upper
122	100		
105	114.4	116.7	156.7#
77	80.7	72.5	112.5



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





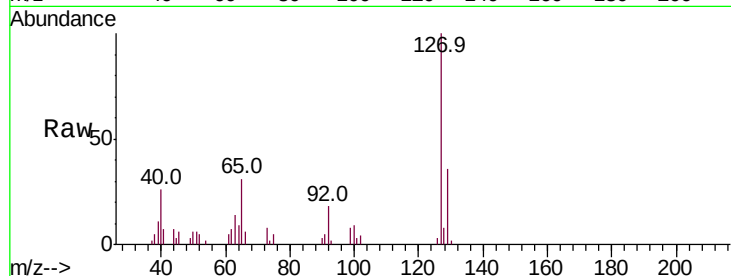
#33
4-Chloroaniline
Concen: 8.870 ng
RT: 11.04 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BG038610.D
Acq: 15 Dec 2018 18:48

Instrument :
BNA_G
ClientSampleId :
PB115540BSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	36.0	25.8	38.8
65	31.0	27.8	41.6
92	17.9	17.0	25.6

Manual Integrations
APPROVED

Sohil
12/16/2018 2:01:18 PM



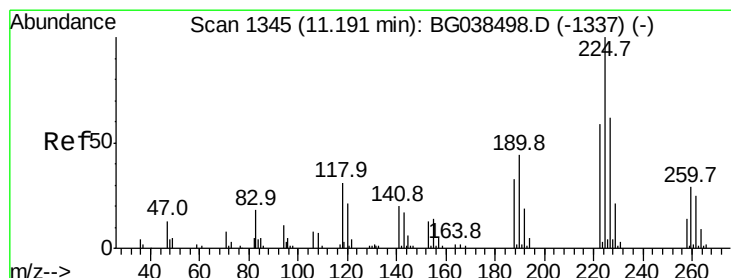
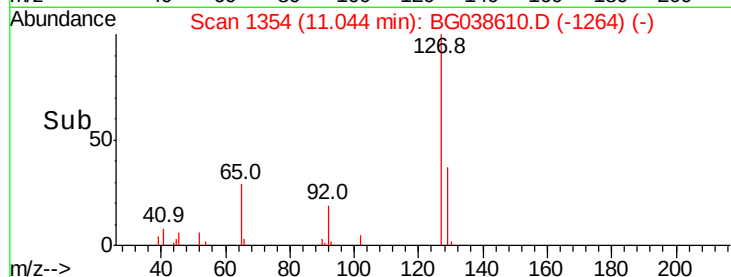
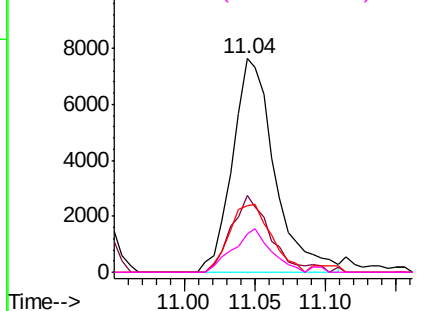
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

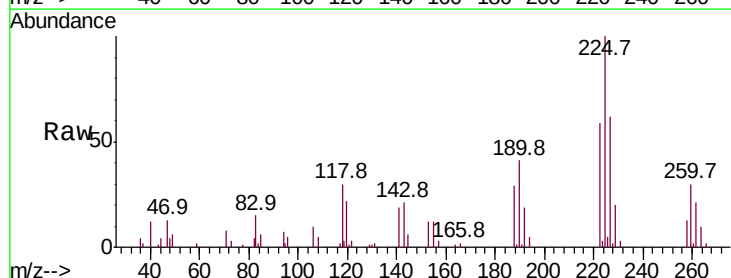
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 28.375 ng
RT: 11.19 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BG038610.D
Acq: 15 Dec 2018 18:48

Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.0	45.0	67.6
227	61.2	50.6	75.8

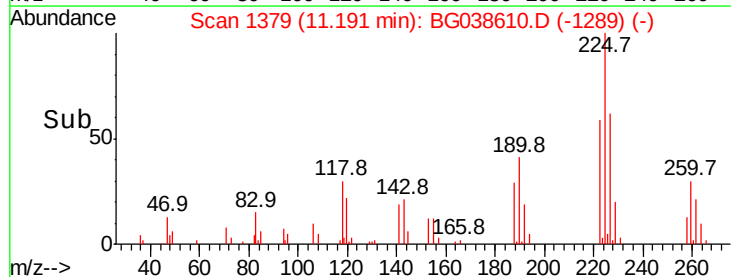
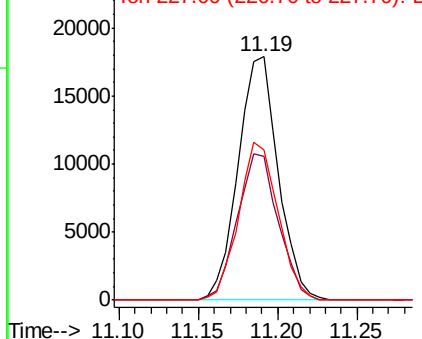


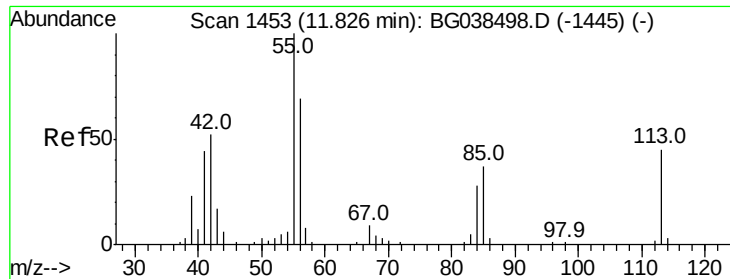
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 25.652 ng

RT: 11.81 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BG038610.D

Acq: 15 Dec 2018 18:48

Instrument :

BNA_G

ClientSampleId :

PB115540BSD

Tot Ion:113 Resp: 14370

Ion Ratio Lower Upper

113 100

55 221.5 204.3 244.3

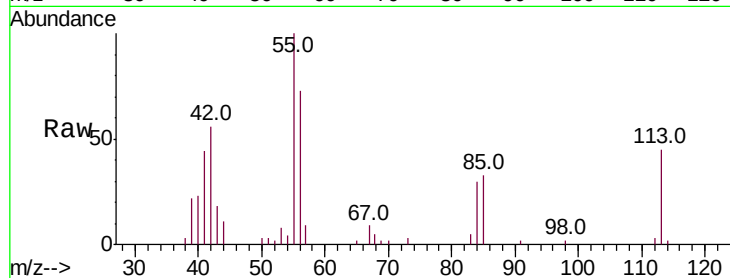
56 162.4 135.0 175.0

Manual Integrations

APPROVED

Sohil

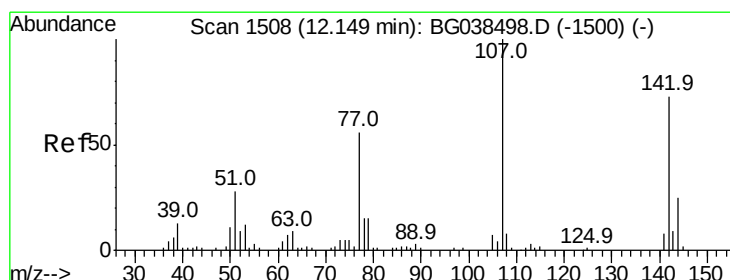
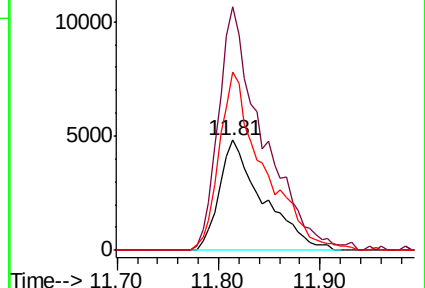
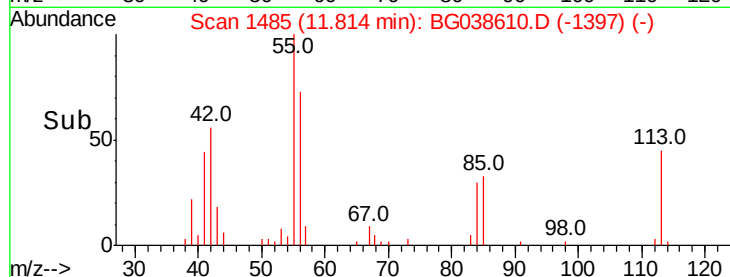
12/16/2018 2:01:18 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 28.955 ng

RT: 12.15 min Scan# 1542

Delta R.T. -0.00 min

Lab File: BG038610.D

Acq: 15 Dec 2018 18:48

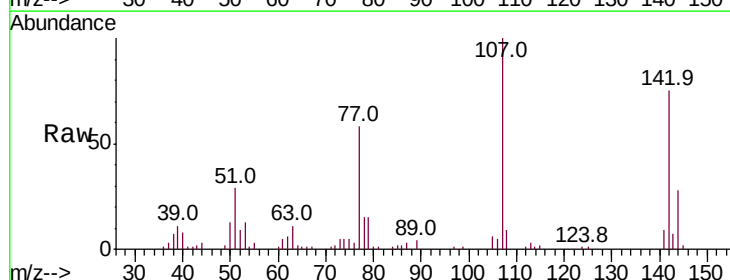
Tgt Ion:107 Resp: 44727

Ion Ratio Lower Upper

107 100

144 28.3 20.1 30.1

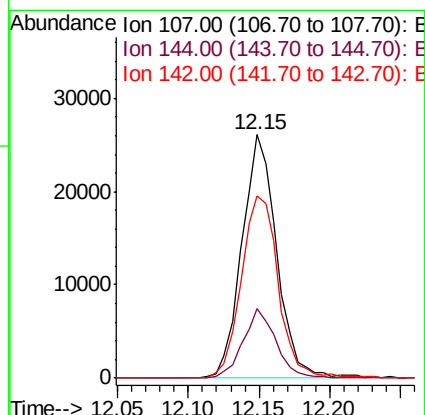
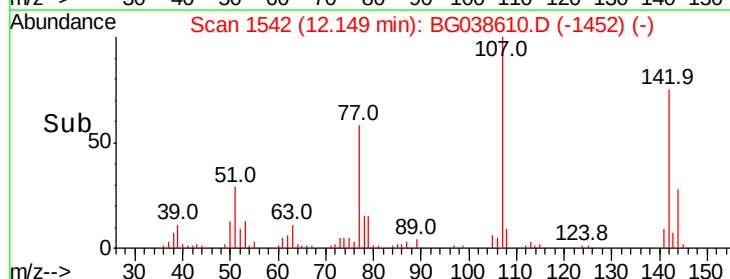
142 75.1 58.7 88.1

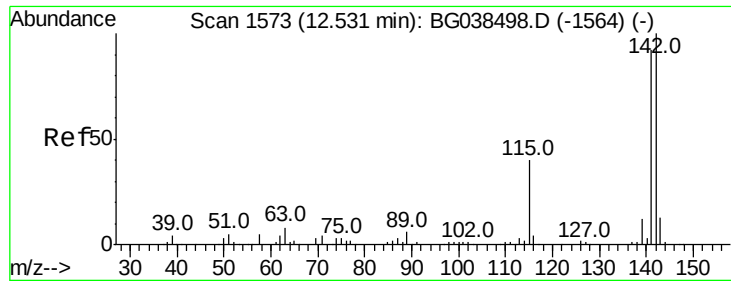


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





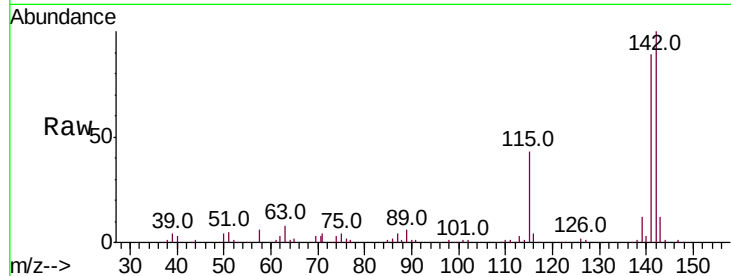
#37
2-Methylnaphthalene
Concen: 32.484 ng
RT: 12.52 min Scan# 1606
Delta R.T. -0.01 min
Lab File: BG038610.D
Acq: 15 Dec 2018 18:48

Instrument :
BNA_G
ClientSampleId :
PB115540BSD

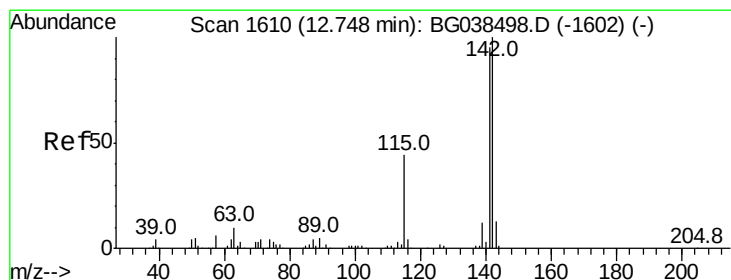
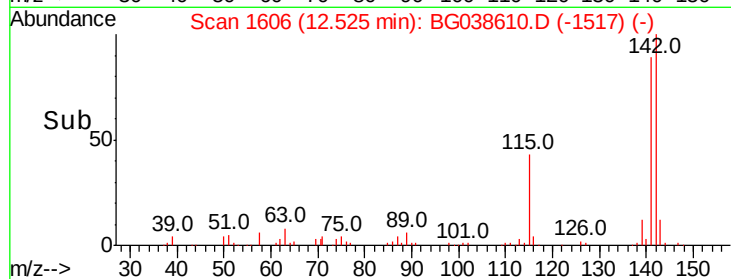
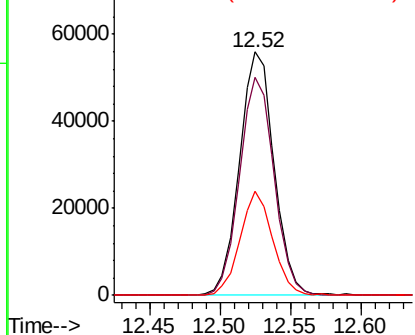
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	73.5	110.3
115	42.7	31.7	47.5

Manual Integrations
APPROVED

Sohil
12/16/2018 2:01:18 PM



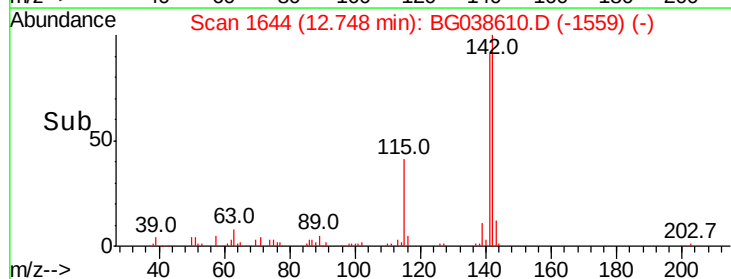
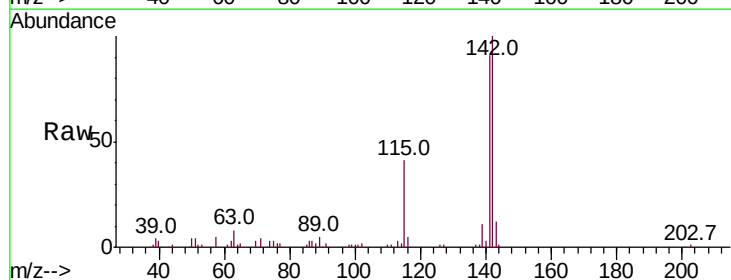
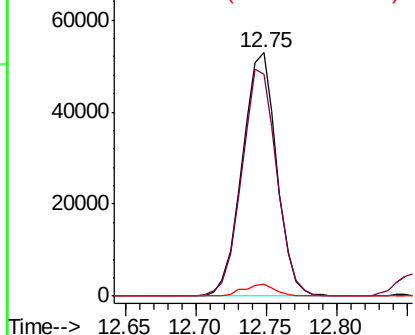
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

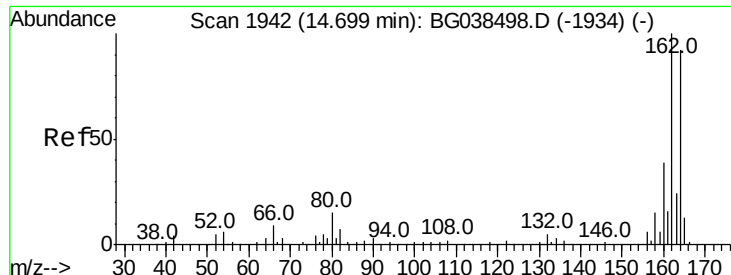


#38
1-Methylnaphthalene
Concen: 31.527 ng
RT: 12.75 min Scan# 1644
Delta R.T. -0.00 min
Lab File: BG038610.D
Acq: 15 Dec 2018 18:48

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.0	75.8	113.8
116	4.9	3.6	5.4

Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





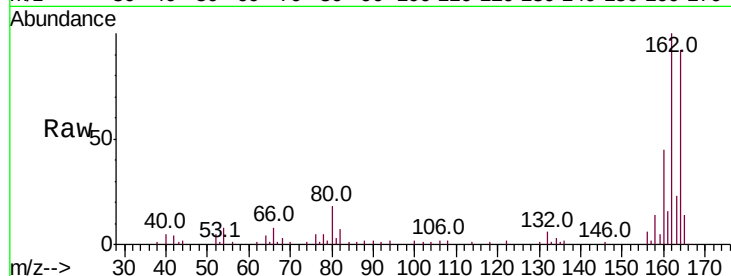
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.01 min
 Lab File: BG038610.D
 Acq: 15 Dec 2018 18:48

Instrument :
 BNA_G
 ClientSampleId :
 PB115540BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	108.4	86.6	130.0
160	48.3	34.2	51.2

Manual Integrations
 APPROVED

Sohil
 12/16/2018 2:01:18 PM

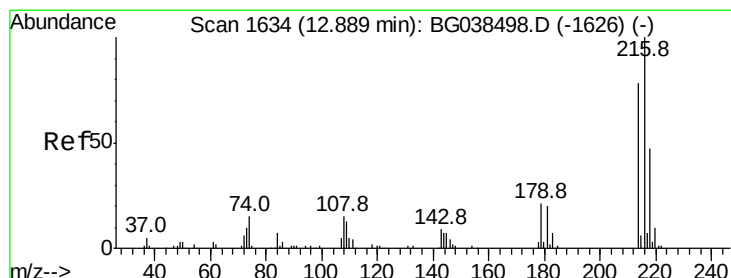
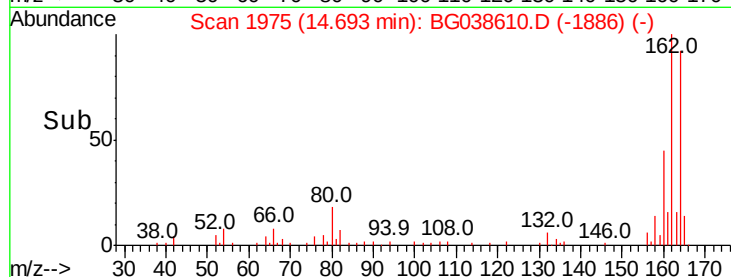
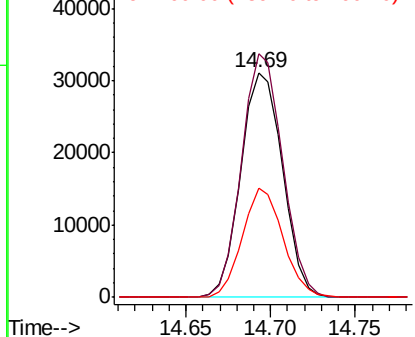


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 27.636 ng
 RT: 12.89 min Scan# 1668
 Delta R.T. -0.00 min
 Lab File: BG038610.D
 Acq: 15 Dec 2018 18:48

Tgt Ion	Ratio	Lower	Upper
216	100		
214	82.4	64.1	96.1
179	20.7	16.4	24.6
108	19.2	13.9	20.9

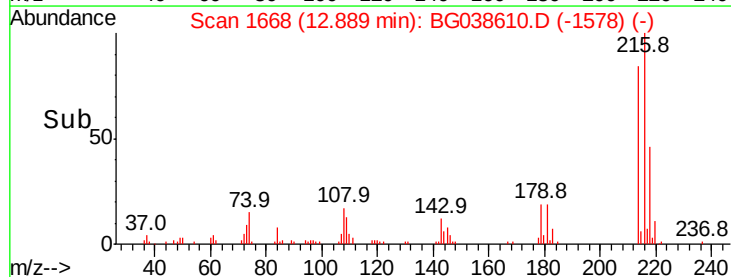
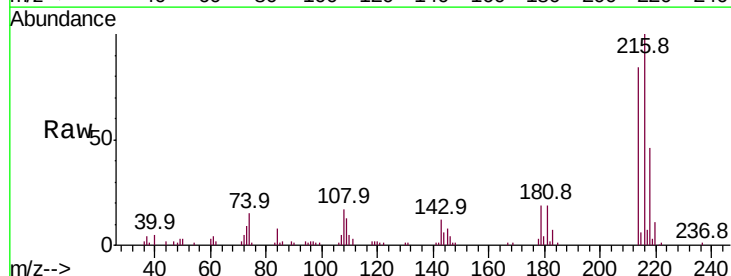
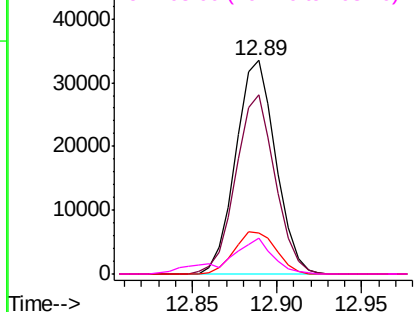
Abundance

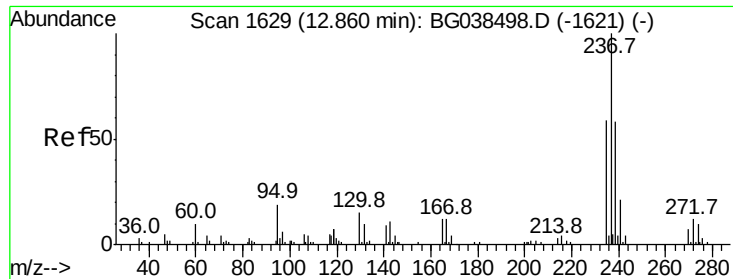
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 66.533 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG038610.D

Acq: 15 Dec 2018 18:48

Instrument :

BNA_G

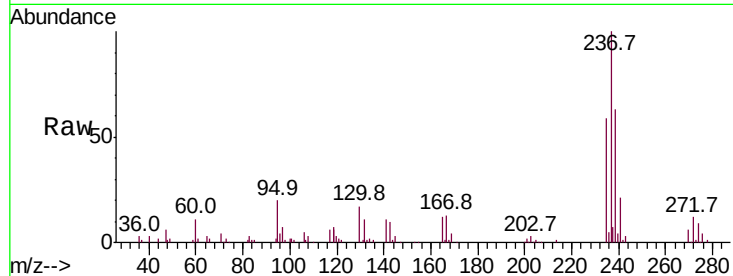
ClientSampleId :

PB115540BSD

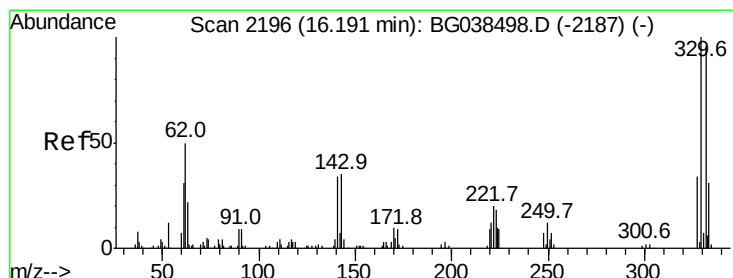
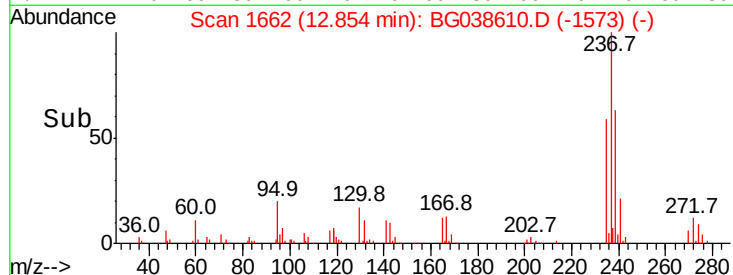
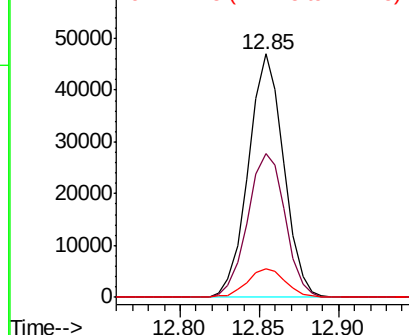
Tot Ion:	237	Resp:	72647
Ion Ratio	Lower	Upper	
237	100		
235	59.0	38.8	78.8
272	11.9	0.0	32.0

Manual Integrations
APPROVED

Sohil
12/16/2018 2:01:18 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: 63.946 ng

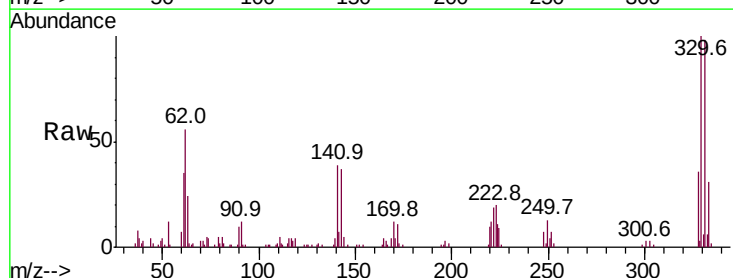
RT: 16.19 min Scan# 2229

Delta R.T. -0.01 min

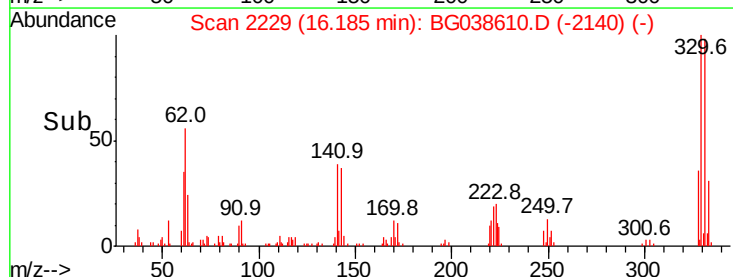
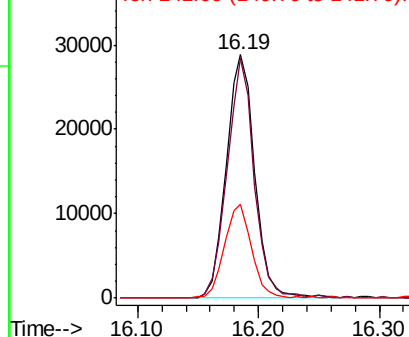
Lab File: BG038610.D

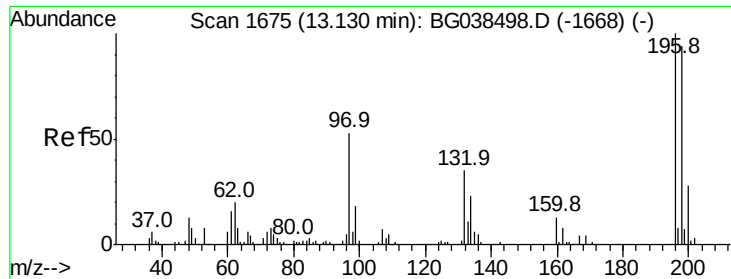
Acq: 15 Dec 2018 18:48

Tgt Ion:	330	Resp:	46857
Ion Ratio	Lower	Upper	
330	100		
332	93.8	76.9	115.3
141	36.8	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





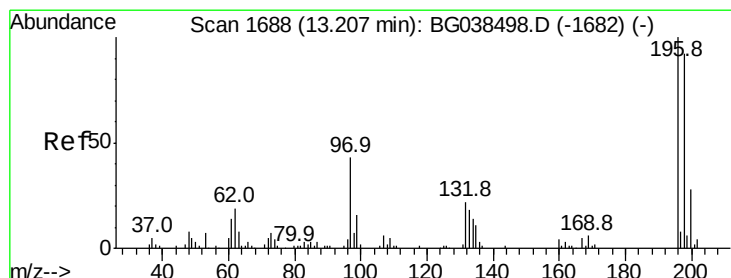
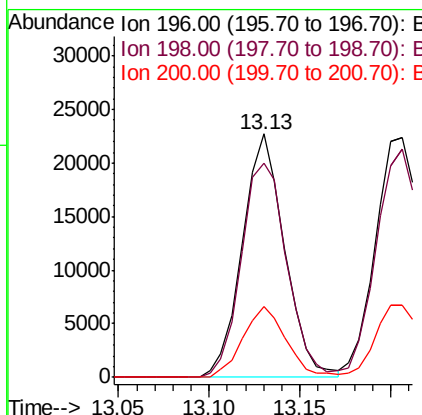
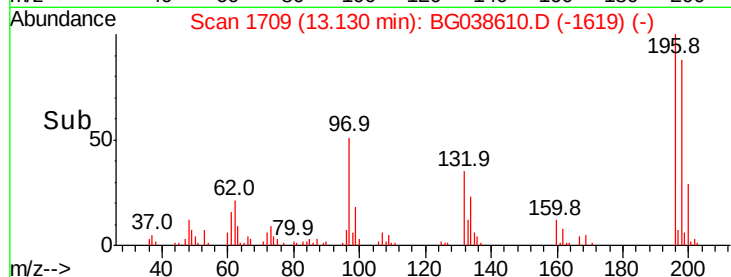
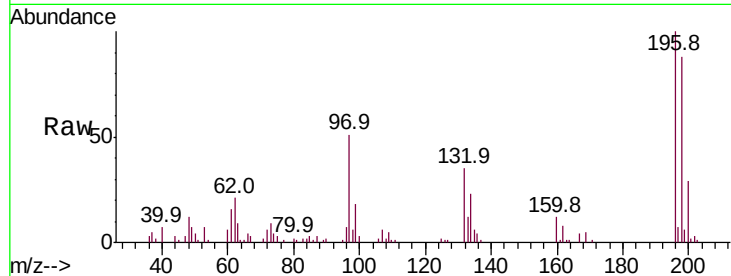
#43
 2,4,6-Trichlorophenol
 Concen: 30.166 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG038610.D
 Acq: 15 Dec 2018 18:48

Instrument :
 BNA_G
 ClientSampleID :
 PB115540BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	88.1	75.0	112.4	
200	28.9	22.4	33.6	

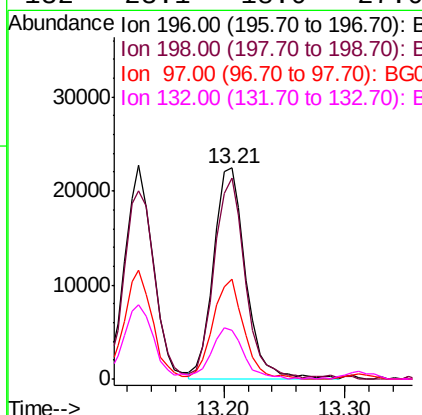
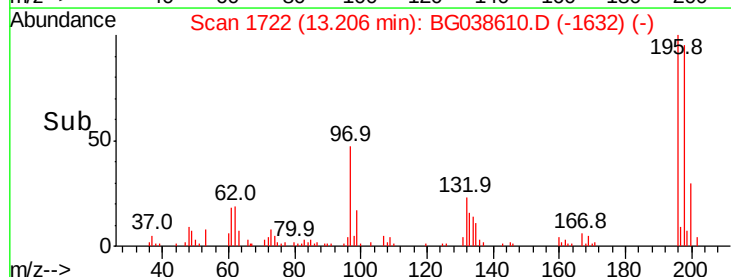
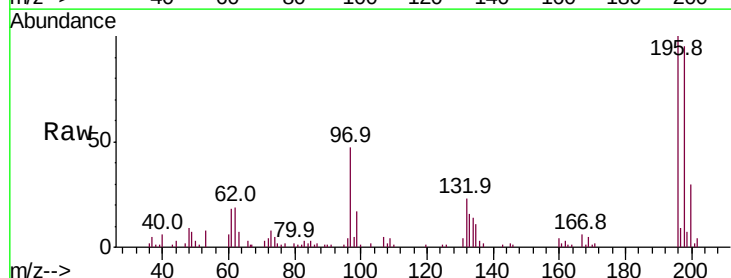
Manual Integrations
 APPROVED

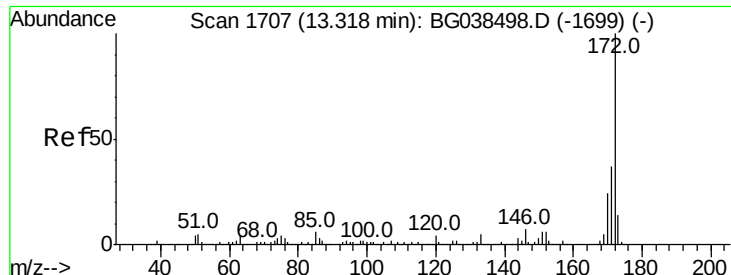
Sohil
 12/16/2018 2:01:18 PM



#44
 2,4,5-Trichlorophenol
 Concen: 31.942 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.00 min
 Lab File: BG038610.D
 Acq: 15 Dec 2018 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	95.1	74.0	111.0	
97	47.3	35.1	52.7	
132	23.1	18.0	27.0	





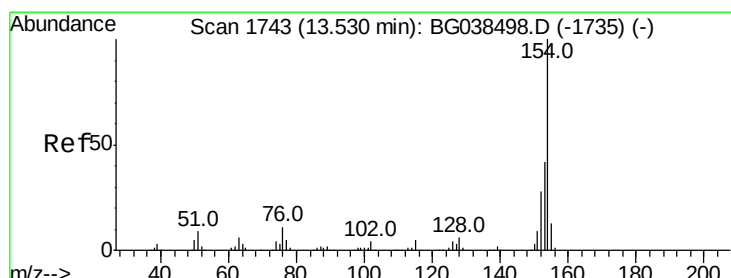
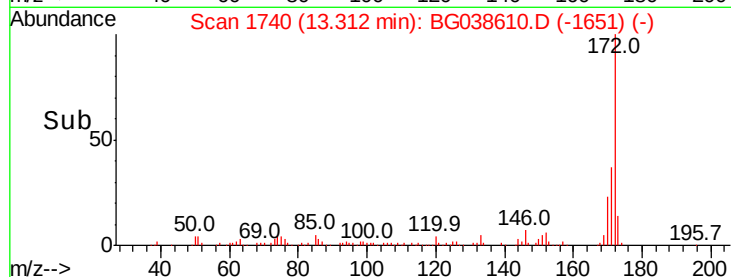
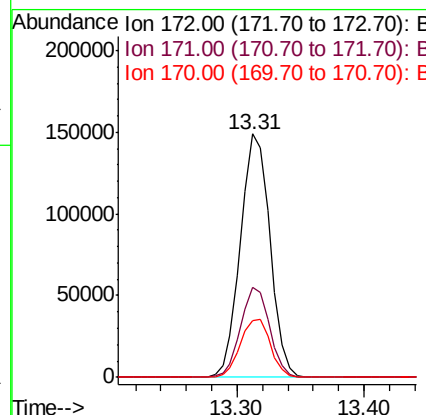
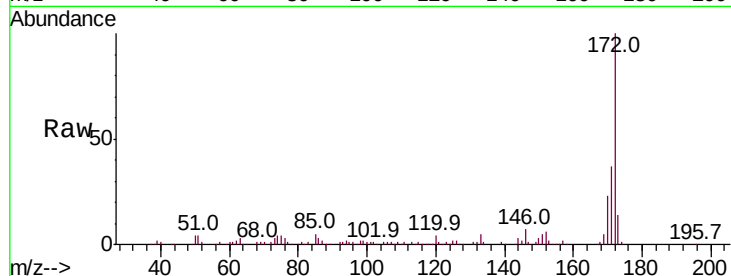
#45
2-Fluorobiphenyl
Concen: 62.048 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG038610.D
Acq: 15 Dec 2018 18:48

Instrument :
BNA_G
ClientSampleId :
PB115540BSD

Tot Ion	Ratio	Resp	Lower	Upper
172	100	240482		
171	37.2		29.8	44.6
170	23.4		19.5	29.3

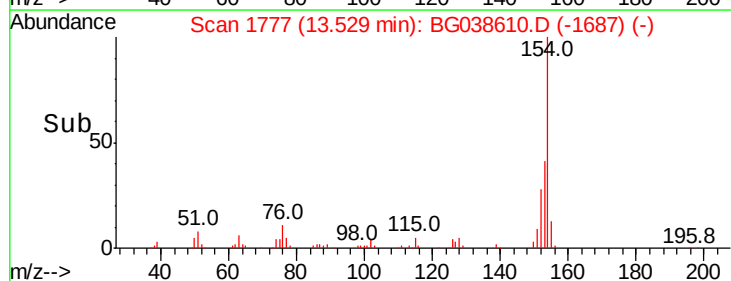
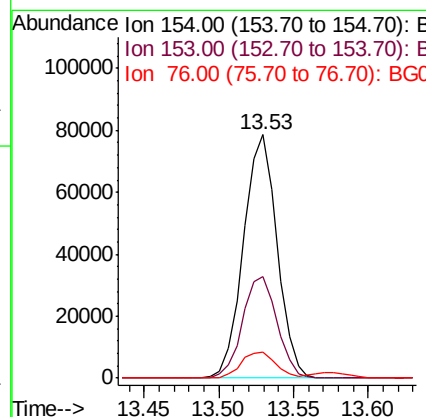
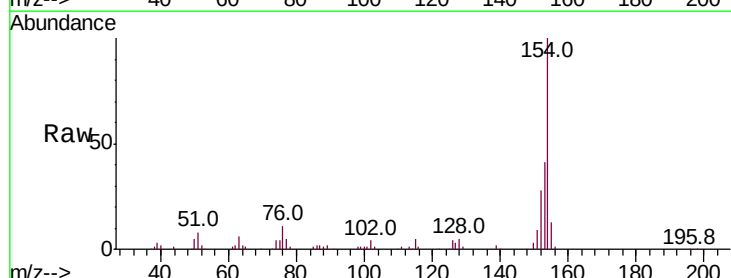
Manual Integrations
APPROVED

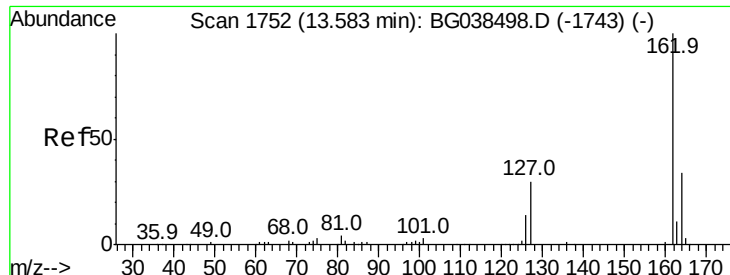
Sohil
12/16/2018 2:01:18 PM



#46
1,1'-Biphenyl
Concen: 27.425 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.00 min
Lab File: BG038610.D
Acq: 15 Dec 2018 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	122242		
153	41.5		22.1	62.1
76	10.6		0.0	31.2





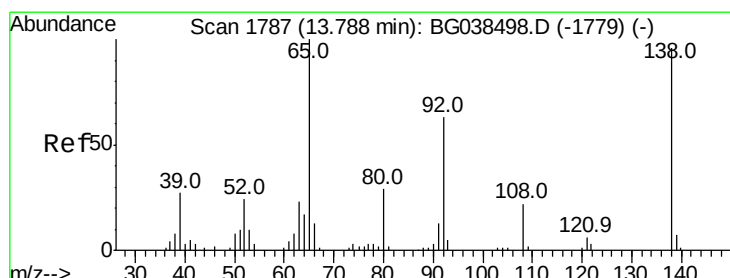
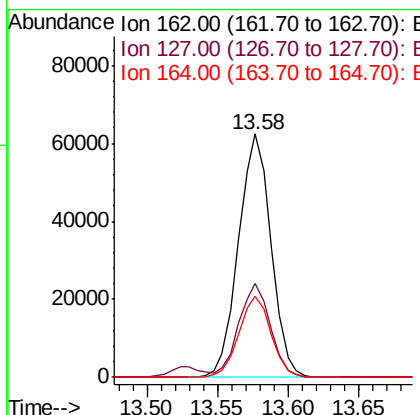
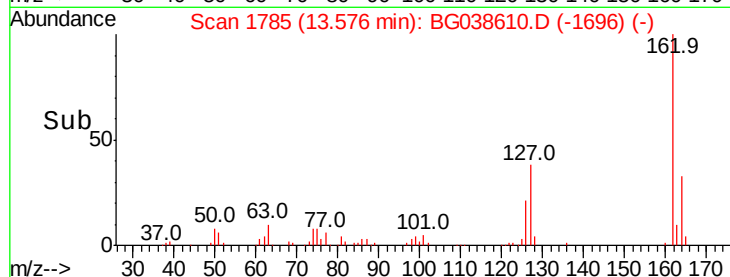
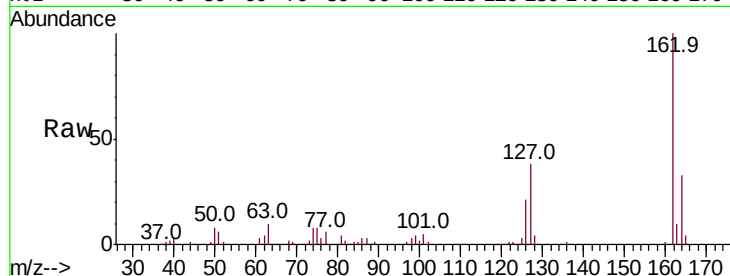
#47
 2-Chloronaphthalene
 Concen: 29.194 ng
 RT: 13.58 min Scan# 1785
 Delta R.T. -0.01 min
 Lab File: BG038610.D
 Acq: 15 Dec 2018 18:48

Instrument :
 BNA_G
 ClientSampleId :
 PB115540BSD

Tot Ion:	162	Resp:	100516
Ion Ratio		Lower	Upper
162	100		
127	38.4	27.8	41.8
164	33.3	26.9	40.3

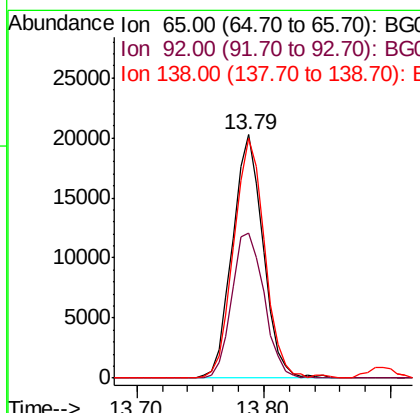
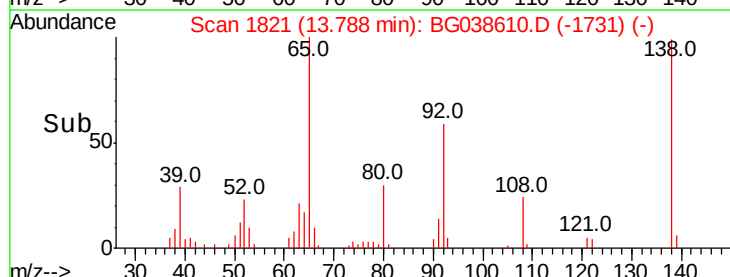
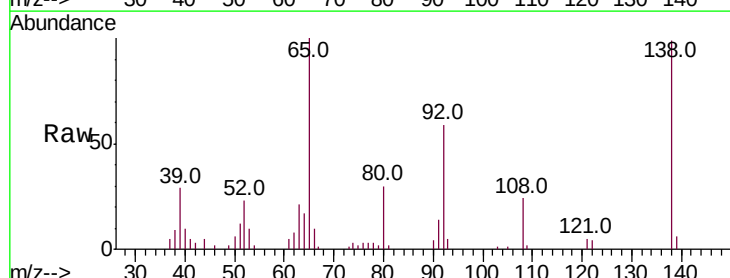
Manual Integrations
 APPROVED

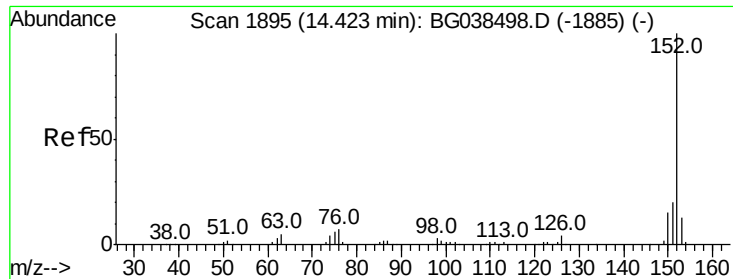
Sohil
 12/16/2018 2:01:18 PM



#48
 2-Nitroaniline
 Concen: 30.810 ng
 RT: 13.79 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: BG038610.D
 Acq: 15 Dec 2018 18:48

Tgt Ion:	65	Resp:	33789
Ion Ratio		Lower	Upper
65	100		
92	59.4	50.0	75.0
138	98.6	76.9	115.3





#49

Acenaphthylene

Concen: 31.340 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BG038610.D

Acq: 15 Dec 2018 18:48

Instrument :

BNA_G

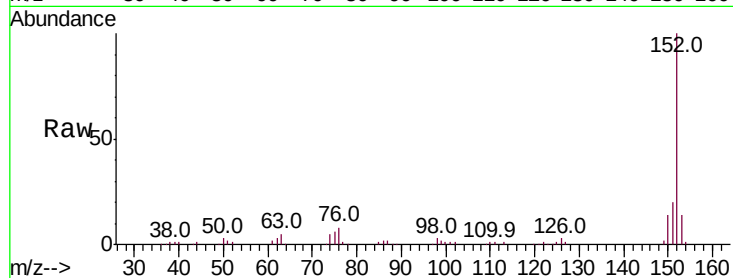
ClientSampleId :

PB115540BSD

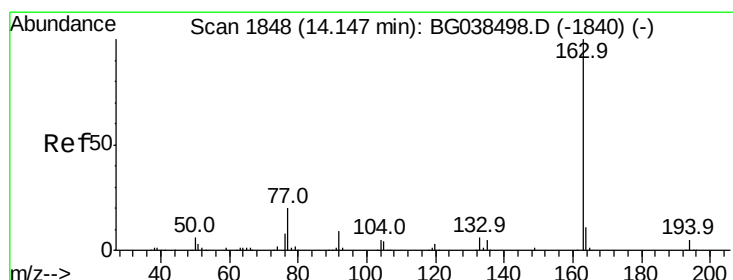
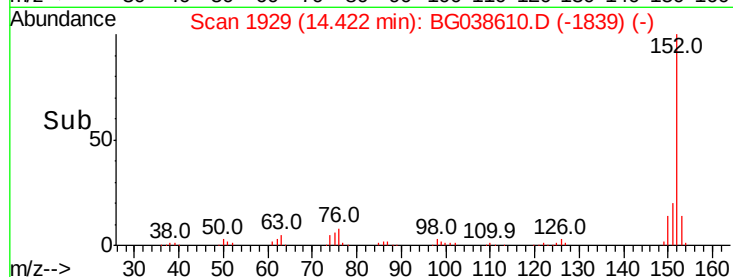
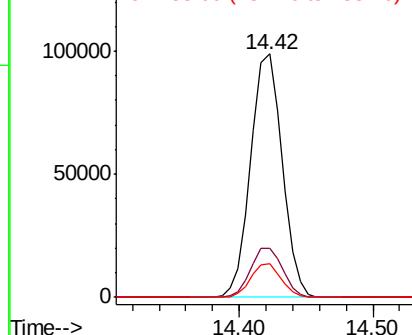
Tot Ion:	152	Resp:	161311
Ion Ratio	Lower	Upper	
152	100		
151	20.0	16.4	24.6
153	13.6	10.4	15.6

Manual Integrations
APPROVED

Sohil
12/16/2018 2:01:18 PM



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 30.448 ng

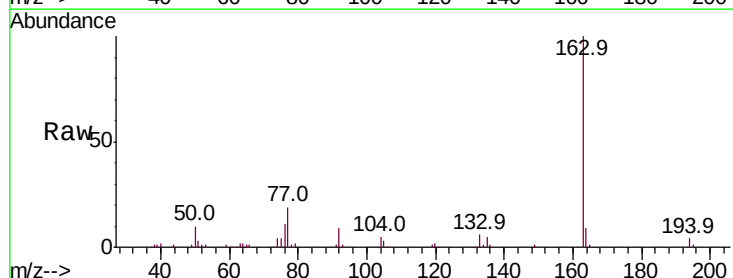
RT: 14.15 min Scan# 1882

Delta R.T. -0.00 min

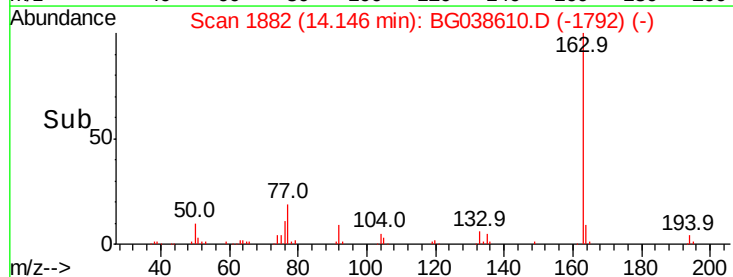
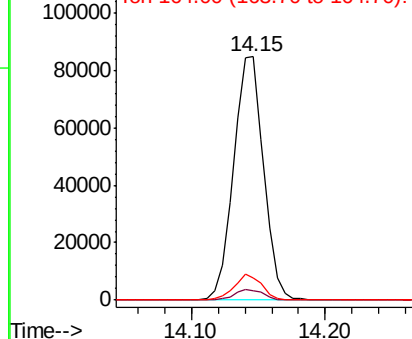
Lab File: BG038610.D

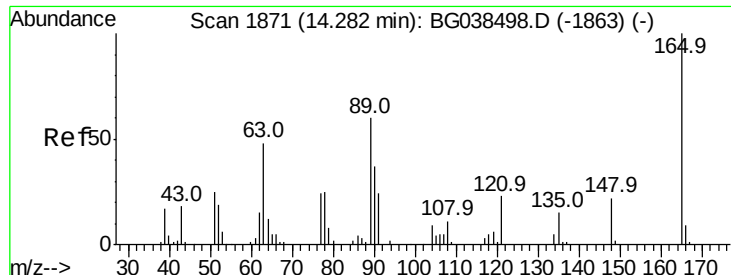
Acq: 15 Dec 2018 18:48

Tgt Ion:	163	Resp:	132206
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.7	5.5
164	9.3	8.6	12.8



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





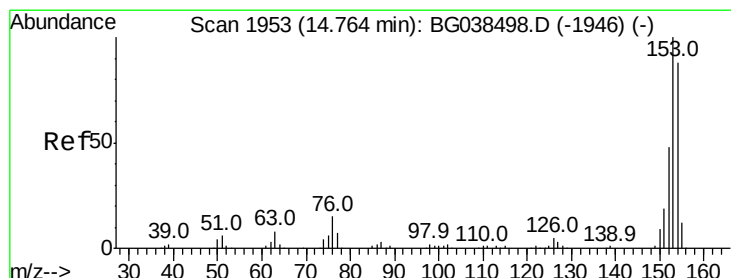
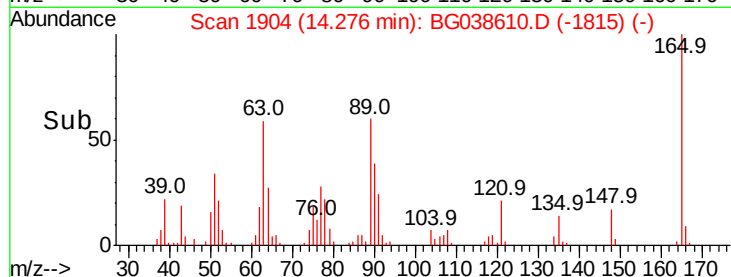
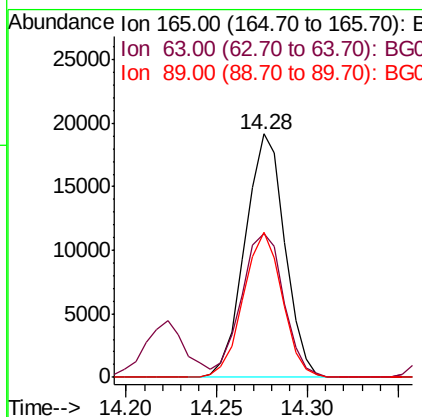
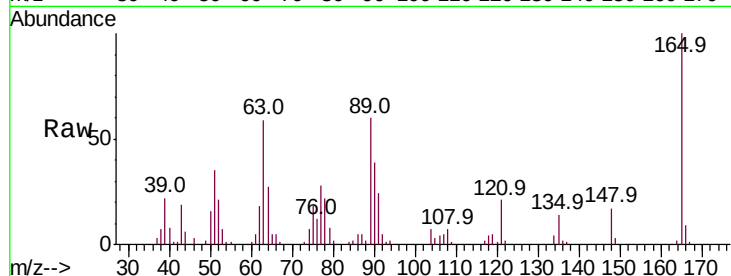
#51
 2,6-Dinitrotoluene
 Concen: 29.665 ng
 RT: 14.28 min Scan# 1904
 Delta R.T. -0.01 min
 Lab File: BG038610.D
 Acq: 15 Dec 2018 18:48

Instrument :
 BNA_G
 ClientSampleID :
 PB115540BSD

Tot Ion:	165	Resp:	29189
Ion Ratio	Lower	Upper	
165	100		
63	59.2	51.8	77.6
89	59.5	47.9	71.9

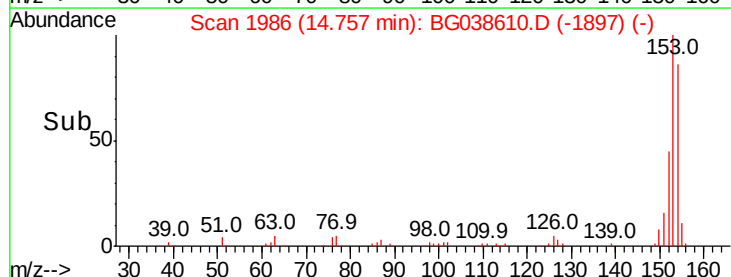
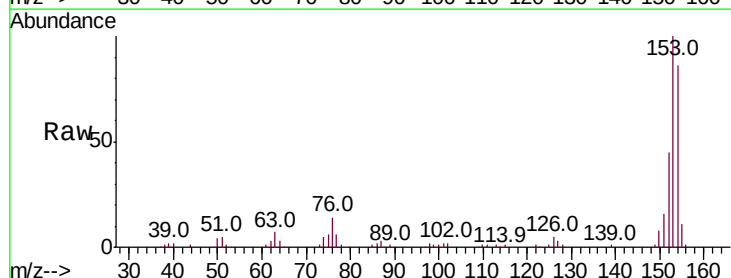
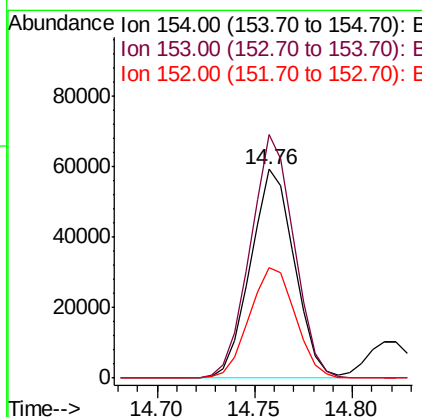
Manual Integrations
 APPROVED

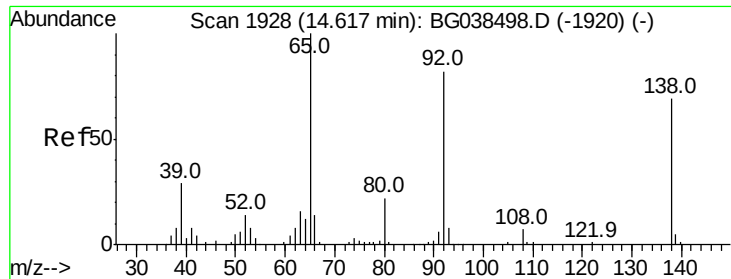
Sohil
 12/16/2018 2:01:18 PM



#52
 Acenaphthene
 Concen: 29.993 ng
 RT: 14.76 min Scan# 1986
 Delta R.T. -0.01 min
 Lab File: BG038610.D
 Acq: 15 Dec 2018 18:48

Tgt Ion:	154	Resp:	92313
Ion Ratio	Lower	Upper	
154	100		
153	116.5	90.6	136.0
152	52.9	43.5	65.3





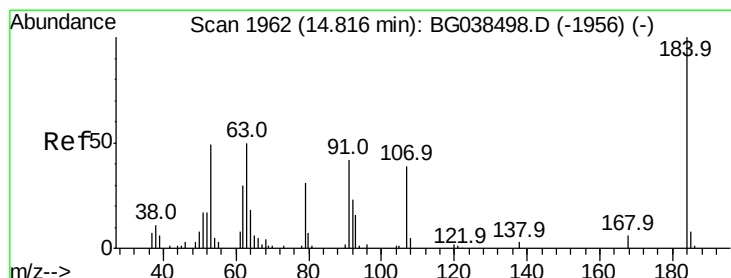
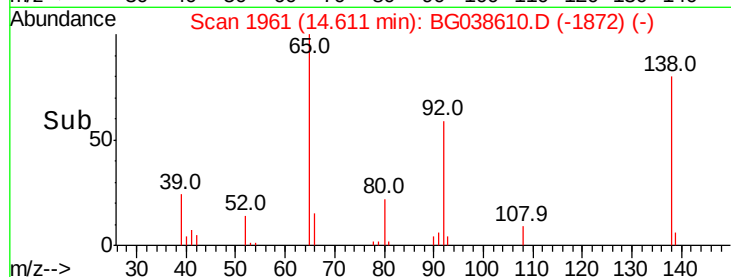
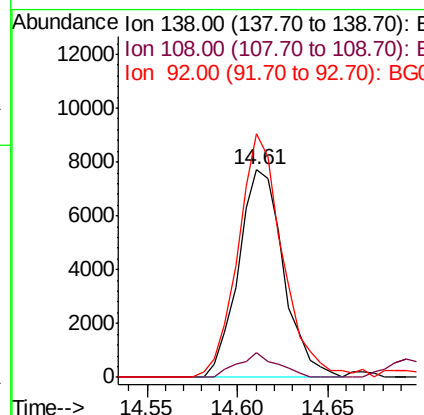
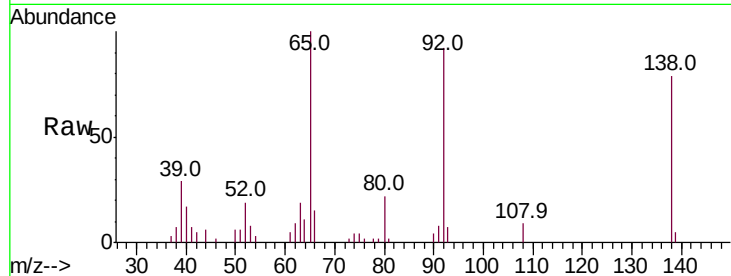
#53
 3-Nitroaniline
 Concen: 13.292 ng
 RT: 14.61 min Scan# 1961
 Delta R.T. -0.01 min
 Lab File: BG038610.D
 Acq: 15 Dec 2018 18:48

Instrument :
 BNA_G
 ClientSampleId :
 PB115540BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.7	7.9	11.9
92	117.2	95.3	142.9

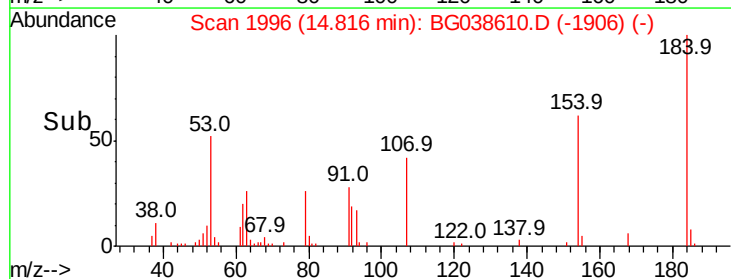
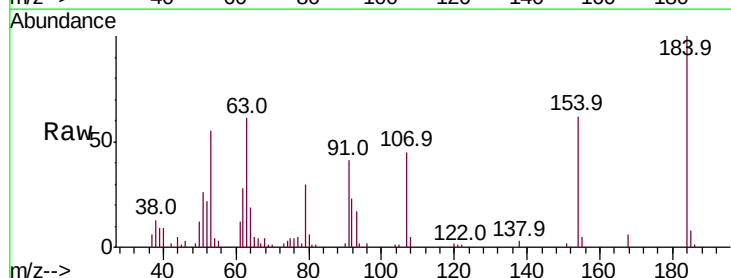
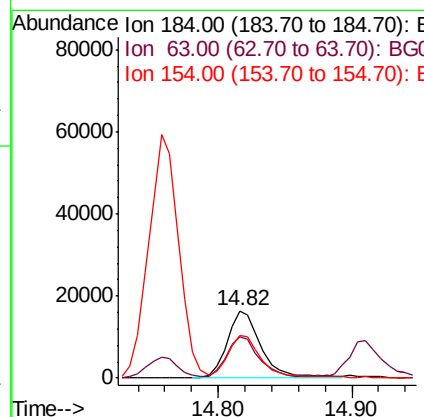
Manual Integrations
 APPROVED

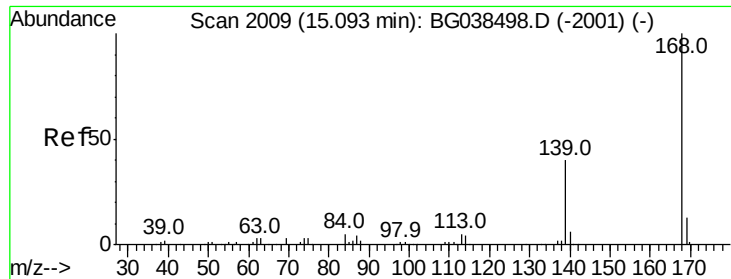
Sohil
 12/16/2018 2:01:18 PM



#54
 2,4-Dinitrophenol
 Concen: 51.924 ng
 RT: 14.82 min Scan# 1996
 Delta R.T. 0.00 min
 Lab File: BG038610.D
 Acq: 15 Dec 2018 18:48

Tgt Ion	Ratio	Lower	Upper
184	100		
63	61.5	47.0	70.6
154	62.3	50.3	75.5





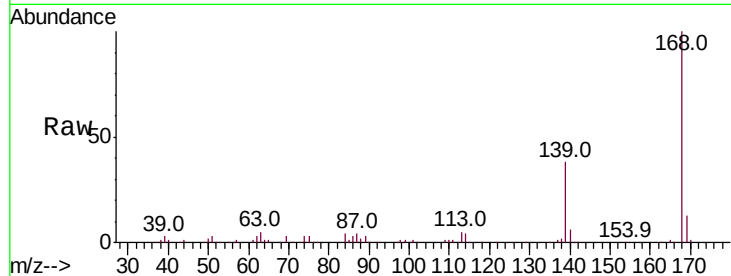
#55
Dibenzenofuran
Concen: 29.642 ng
RT: 15.09 min Scan# 2043
Delta R.T. -0.00 min
Lab File: BG038610.D
Acq: 15 Dec 2018 18:48

Instrument :
BNA_G
ClientSampleId :
PB115540BSD

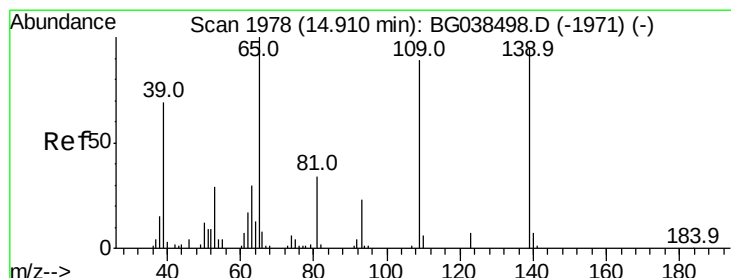
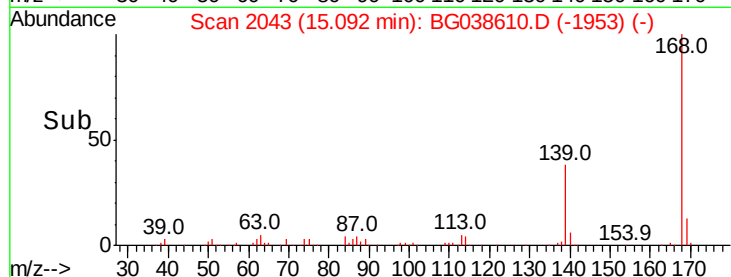
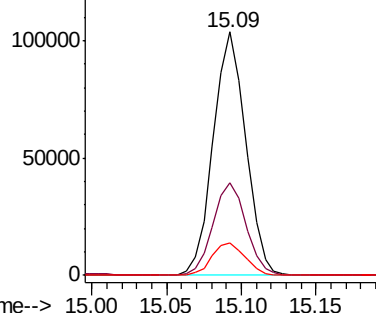
Tot Ion	Ratio	Resp	Lower	Upper
168	100	156386		
139	37.9	32.2	48.2	
169	13.2	10.6	16.0	

Manual Integrations
APPROVED

Sohil
12/16/2018 2:01:18 PM

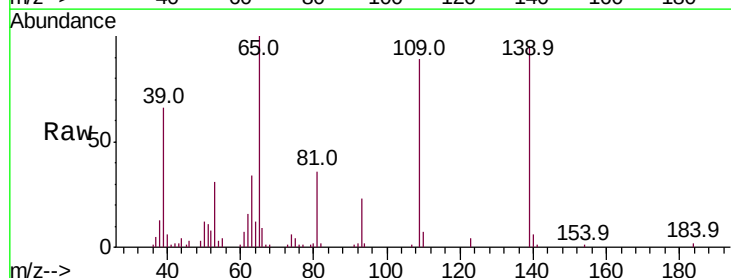


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

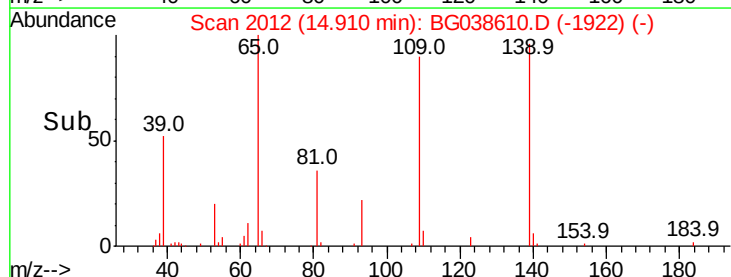
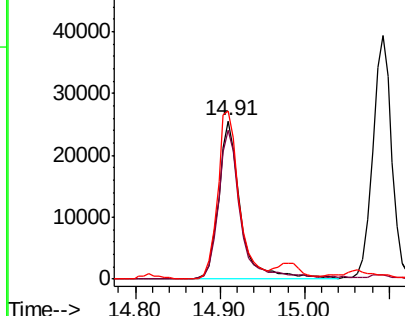


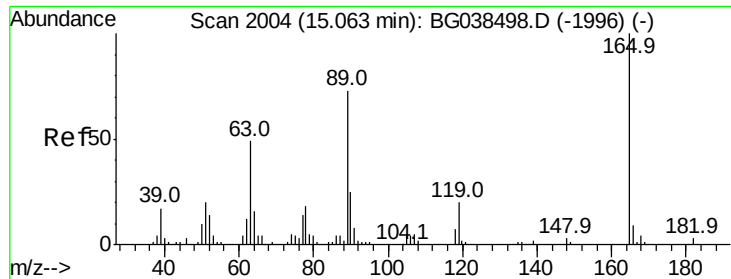
#56
4-Nitrophenol
Concen: 60.959 ng
RT: 14.91 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BG038610.D
Acq: 15 Dec 2018 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	46385		
109	94.0	73.6	113.6	
65	105.8	84.8	124.8	



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





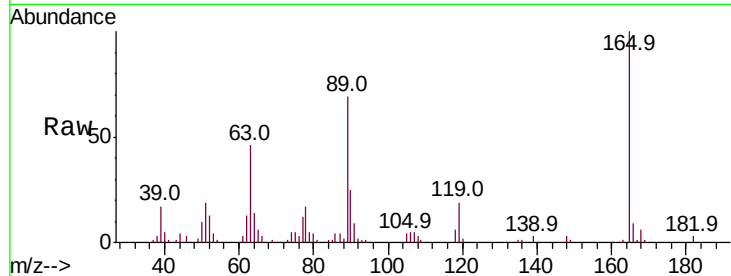
#57
 2,4-Dinitrotoluene
 Concen: 30.552 ng
 RT: 15.06 min Scan# 2038
 Delta R.T. -0.00 min
 Lab File: BG038610.D
 Acq: 15 Dec 2018 18:48

Instrument :
 BNA_G
 ClientSampleId :
 PB115540BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	42341		
63	45.7		39.0	58.4
89	69.3		58.0	87.0
182	2.8		2.3	3.5

Manual Integrations
 APPROVED

Sohil
 12/16/2018 2:01:18 PM



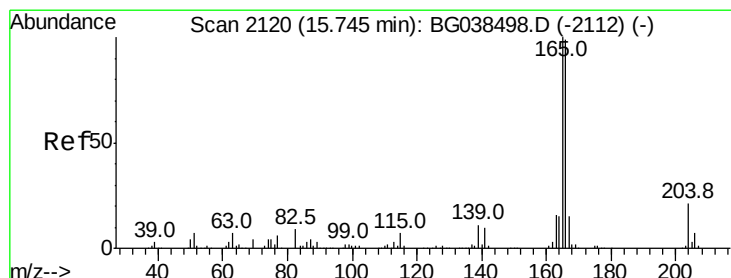
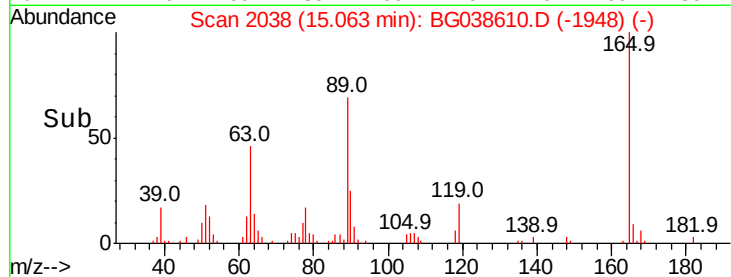
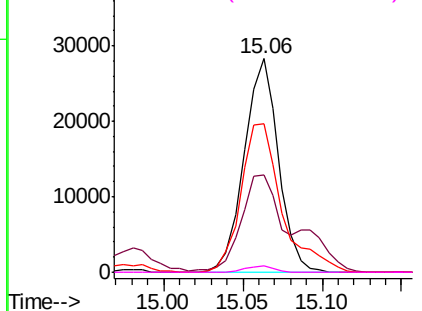
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

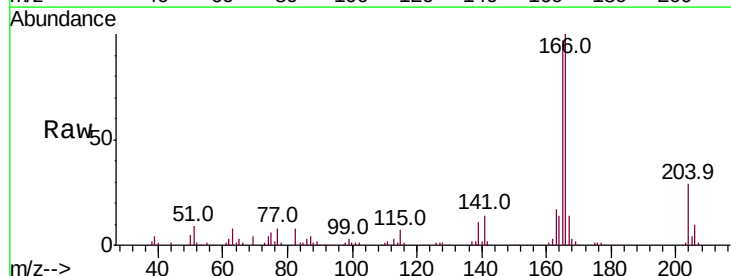
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 31.995 ng
 RT: 15.74 min Scan# 2153
 Delta R.T. -0.01 min
 Lab File: BG038610.D
 Acq: 15 Dec 2018 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	125061		
165	97.3		80.6	120.8
167	14.3		12.0	18.0

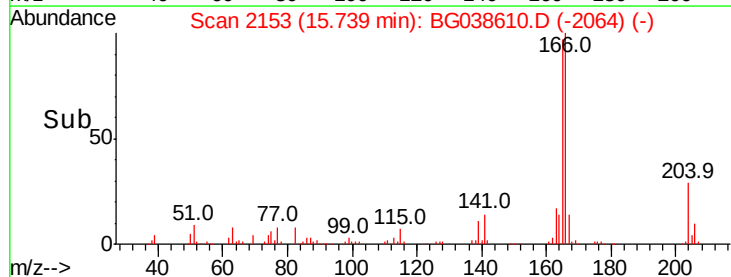
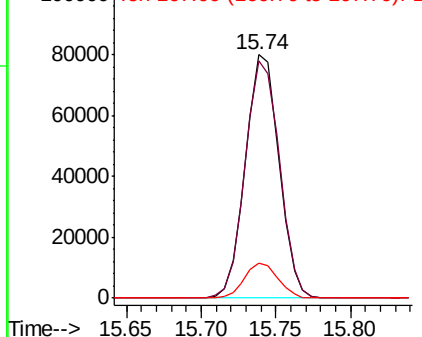


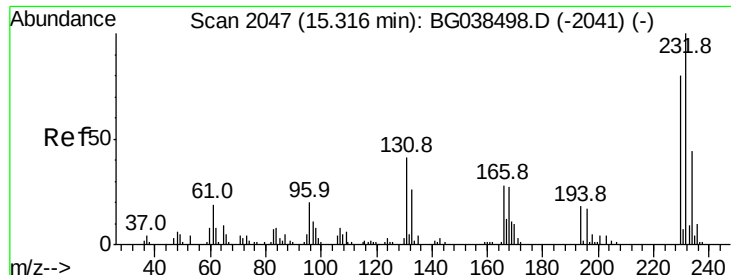
Abundance

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





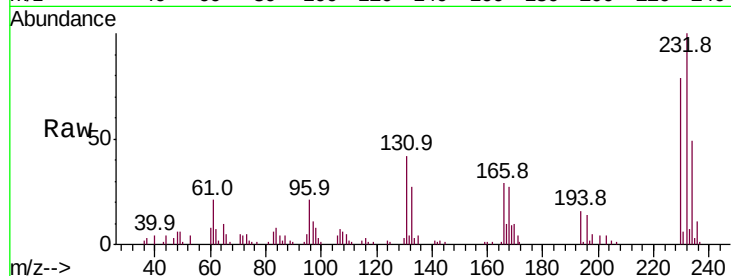
#59
2,3,4,6-Tetrachlorophenol
Concen: 31.578 ng
RT: 15.32 min Scan# 2081
Delta R.T. -0.00 min
Lab File: BG038610.D
Acq: 15 Dec 2018 18:48

Instrument :
BNA_G
ClientSampleId :
PB115540BSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	36758		
131	41.3		33.0	49.4
130	2.5		2.0	3.0
166	28.1		23.1	34.7

Manual Integrations
APPROVED

Sohil
12/16/2018 2:01:18 PM



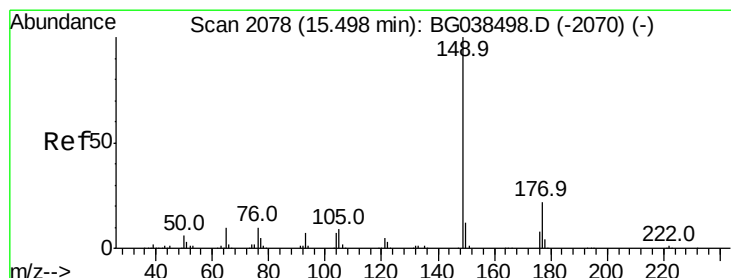
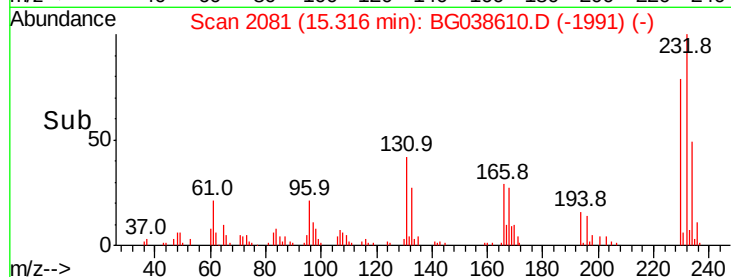
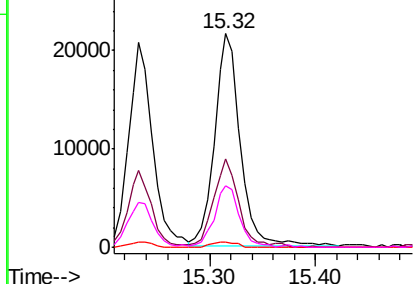
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 28.421 ng
RT: 15.50 min Scan# 2112
Delta R.T. -0.00 min
Lab File: BG038610.D
Acq: 15 Dec 2018 18:48

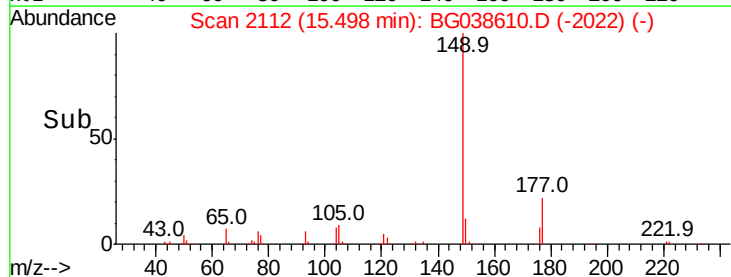
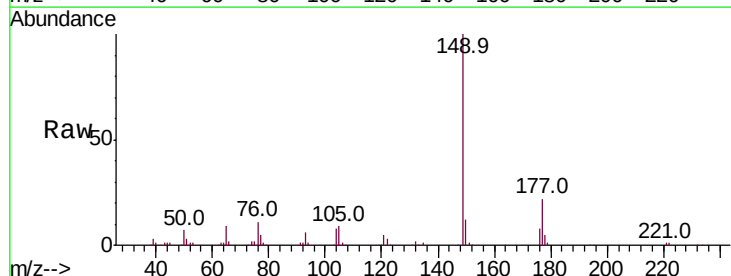
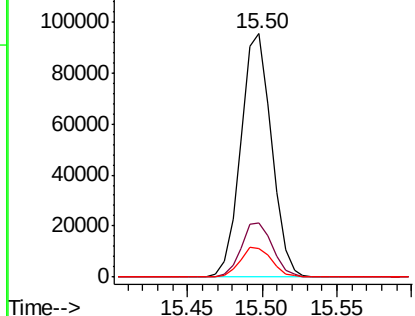
Tgt Ion	Ratio	Resp	Lower	Upper
149	100	135471		
177	22.1		17.7	26.5
150	11.8		9.9	14.9

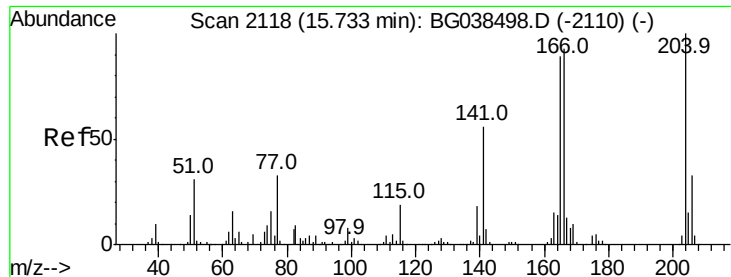
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





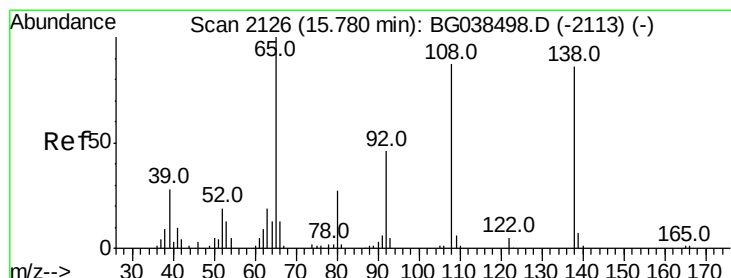
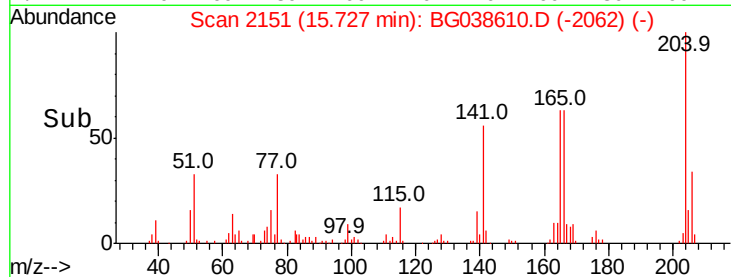
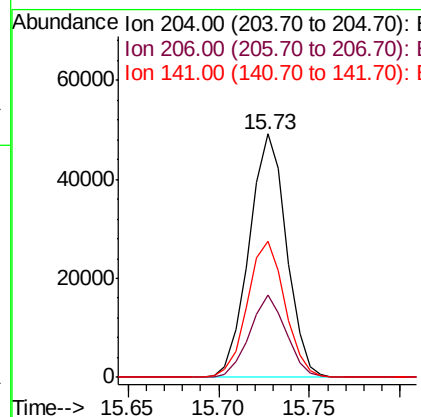
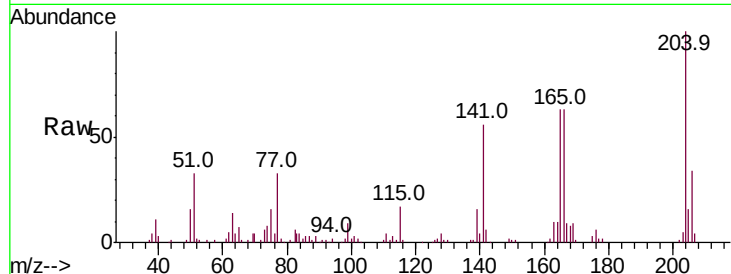
#61
 4-Chlorophenyl-phenylether
 Concen: 28.887 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.01 min
 Lab File: BG038610.D
 Acq: 15 Dec 2018 18:48

Instrument :
 BNA_G
 ClientSampleId :
 PB115540BSD

Tot Ion:	204	Resp:	70451
Ion Ratio	Lower	Upper	
204	100		
206	33.6	26.0	39.0
141	55.7	44.4	66.6

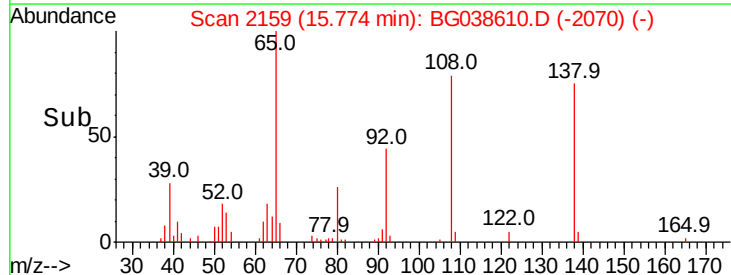
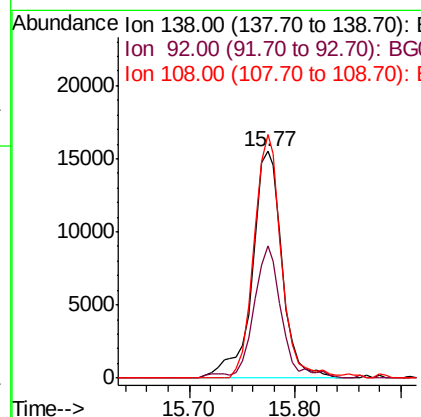
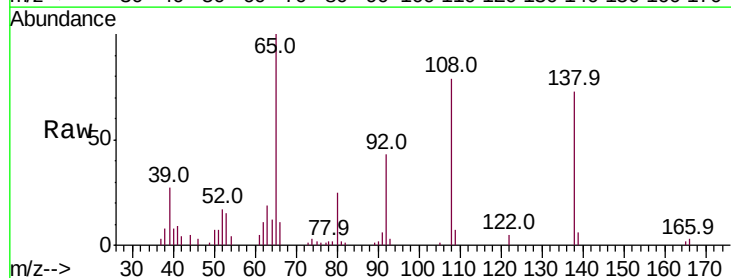
Manual Integrations
 APPROVED

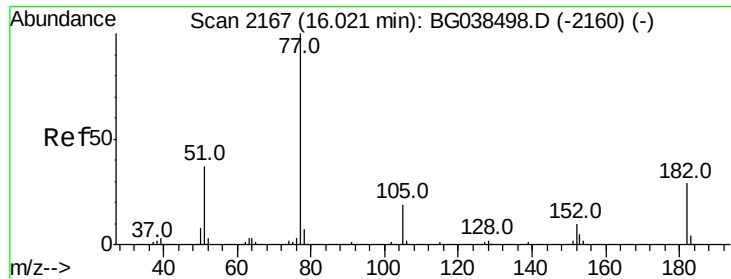
Sohil
 12/16/2018 2:01:18 PM



#62
 4-Nitroaniline
 Concen: 29.535 ng
 RT: 15.77 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BG038610.D
 Acq: 15 Dec 2018 18:48

Tgt Ion:	138	Resp:	30499
Ion Ratio	Lower	Upper	
138	100		
92	58.4	33.3	73.3
108	107.5	81.4	121.4





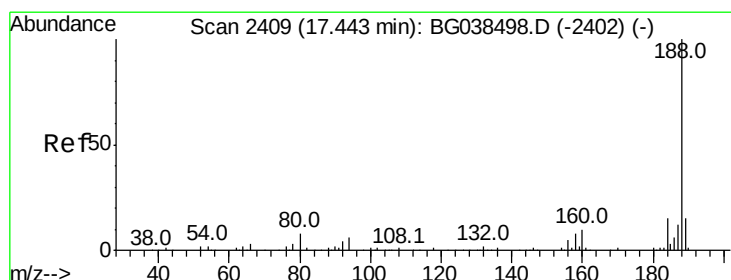
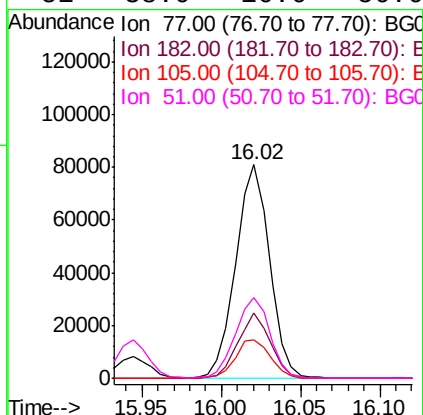
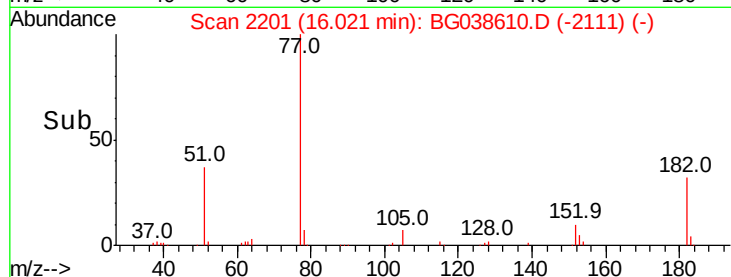
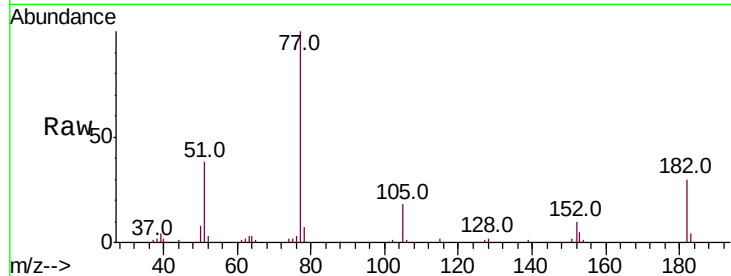
#63
Azobenzene
Concen: 30.113 ng
RT: 16.02 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BG038610.D
Acq: 15 Dec 2018 18:48

Instrument :
BNA_G
ClientSampleId :
PB115540BSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	30.4	8.7	48.7
105	18.2	0.0	38.7
51	38.0	16.6	56.6

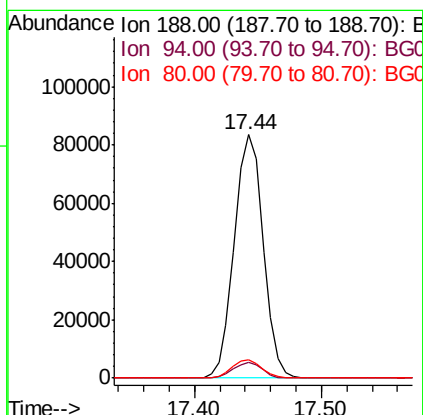
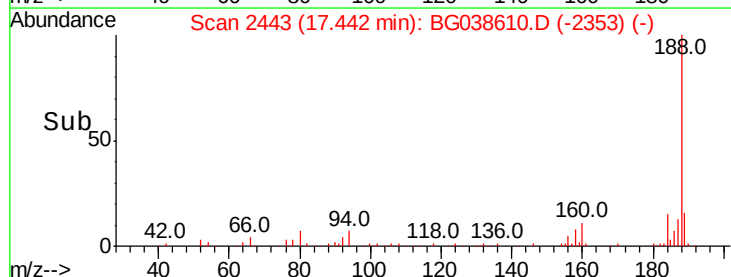
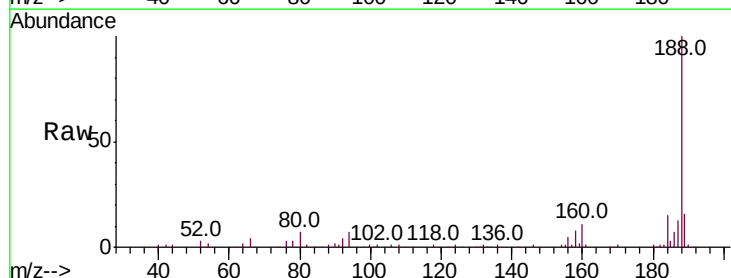
Manual Integrations
APPROVED

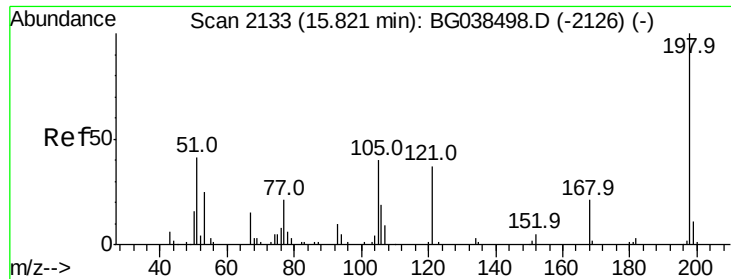
Sohil
12/16/2018 2:01:18 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038610.D
Acq: 15 Dec 2018 18:48

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.7	5.1	7.7
80	7.4	6.1	9.1





#65

4,6-Dinitro-2-methylphenol

Concen: 27.645 ng

RT: 15.82 min Scan# 2167

Delta R.T. -0.00 min

Lab File: BG038610.D

Acq: 15 Dec 2018 18:48

Instrument :

BNA_G

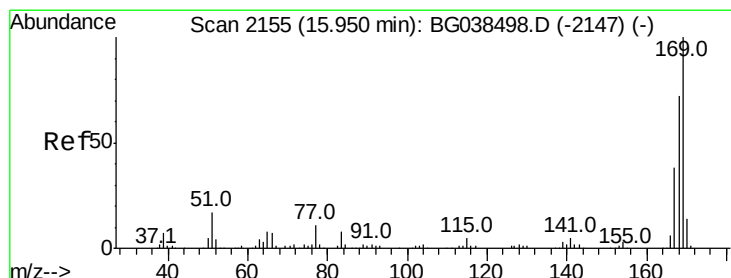
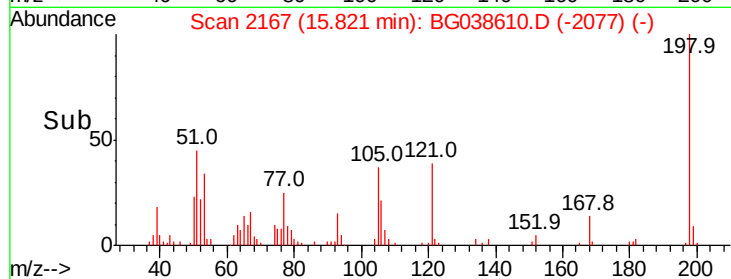
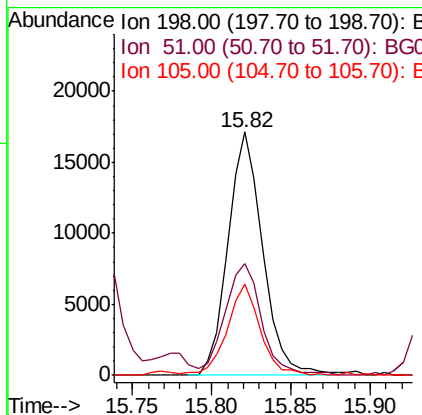
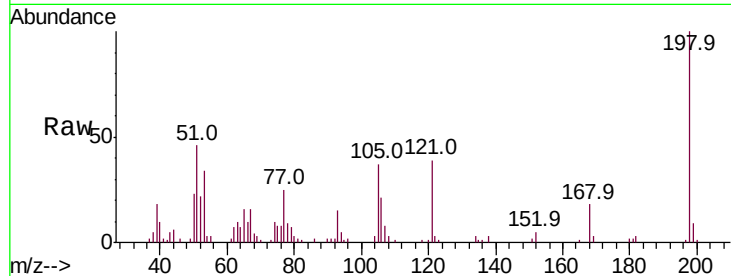
ClientSampleId :

PB115540BSD

Tot Ion:	198	Resp:	25961
Ion Ratio	Lower	Upper	
198	100		
51	46.1	28.6	68.6
105	37.5	20.4	60.4

Manual Integrations
APPROVED

Sohil
12/16/2018 2:01:18 PM



#66

n-Nitrosodiphenylamine

Concen: 29.908 ng

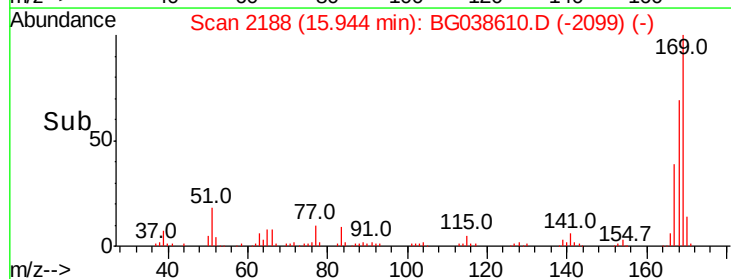
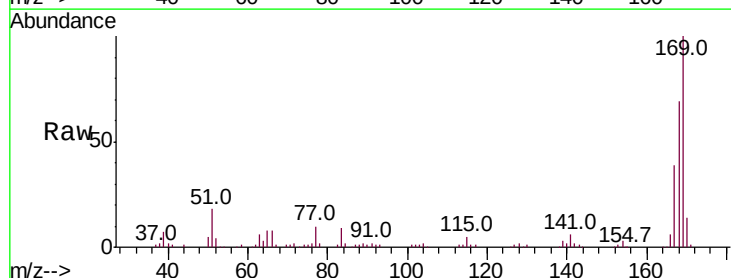
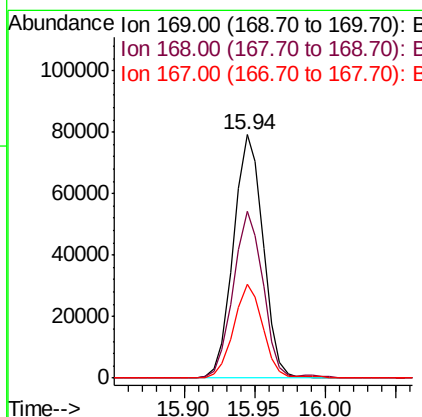
RT: 15.94 min Scan# 2188

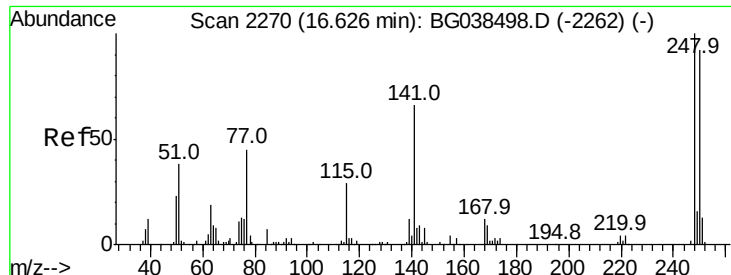
Delta R.T. -0.01 min

Lab File: BG038610.D

Acq: 15 Dec 2018 18:48

Tgt Ion:	169	Resp:	115685
Ion Ratio	Lower	Upper	
169	100		
168	68.7	57.5	86.3
167	38.8	30.2	45.2





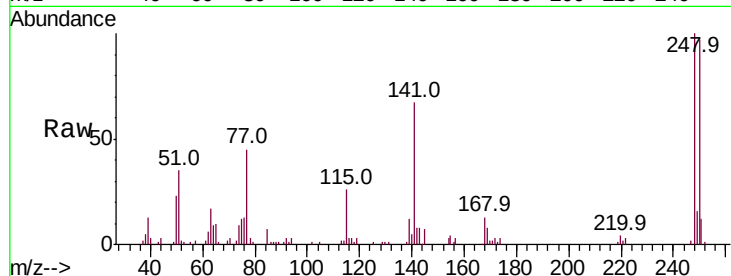
#67
 4-Bromophenyl-phenylether
 Concen: 28.529 ng
 RT: 16.63 min Scan# 2304
 Delta R.T. -0.00 min
 Lab File: BG038610.D
 Acq: 15 Dec 2018 18:48

Instrument :
 BNA_G
 ClientSampleId :
 PB115540BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.0	73.4	110.2
141	66.9	52.9	79.3

Manual Integrations
 APPROVED

Sohil
 12/16/2018 2:01:18 PM

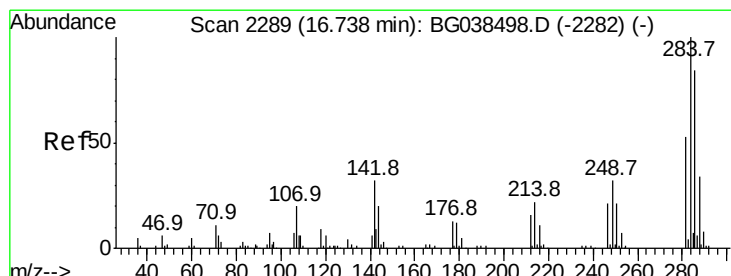
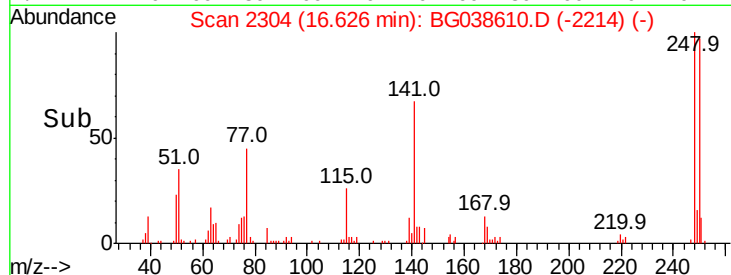
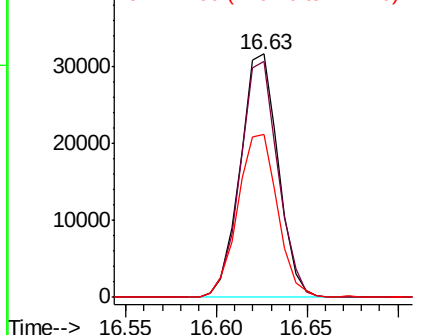


Abundance

Ion 248.00 (247.70 to 248.70): E

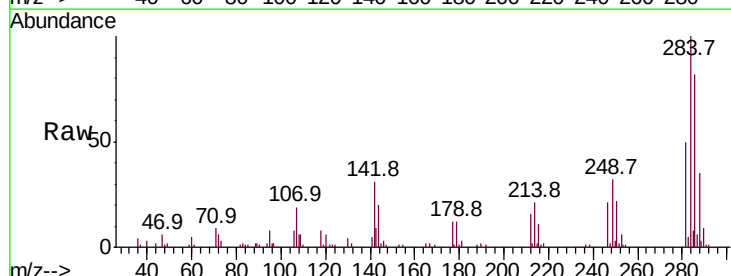
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 28.967 ng
 RT: 16.74 min Scan# 2323
 Delta R.T. -0.00 min
 Lab File: BG038610.D
 Acq: 15 Dec 2018 18:48

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.8	25.8	38.6
249	34.8	27.0	40.4

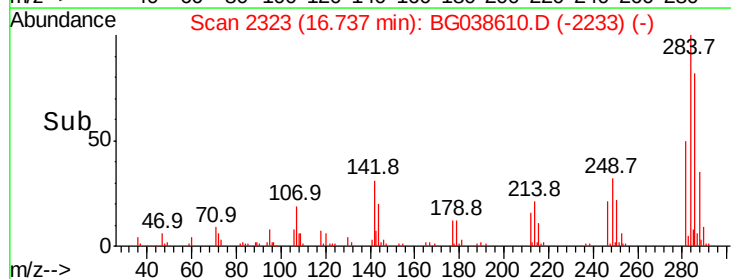
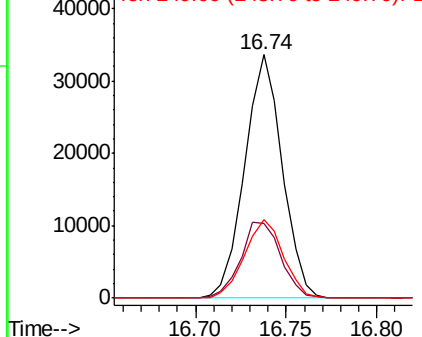


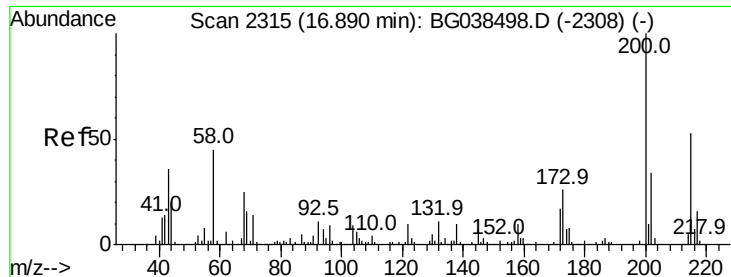
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





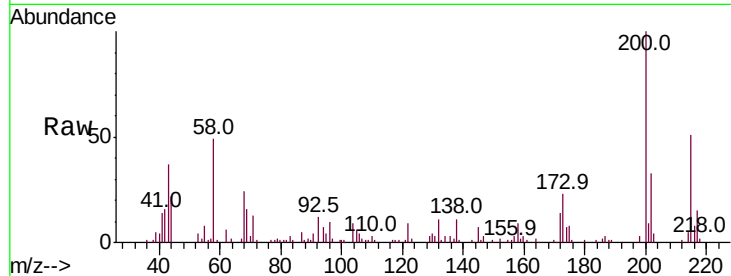
#69
 Atrazine
 Concen: 34.263 ng
 RT: 16.88 min Scan# 2348
 Delta R.T. -0.01 min
 Lab File: BG038610.D
 Acq: 15 Dec 2018 18:48

Instrument :
 BNA_G
 ClientSampleId :
 PB115540BSD

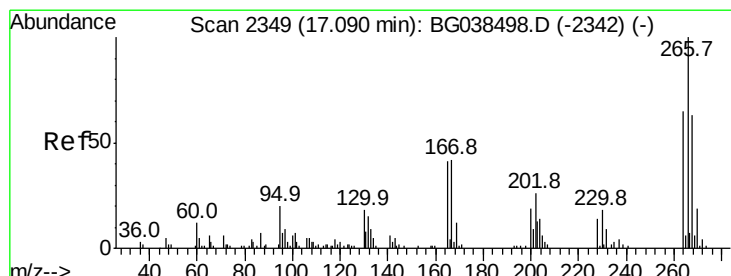
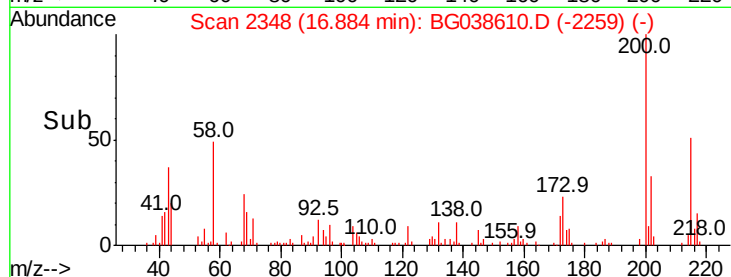
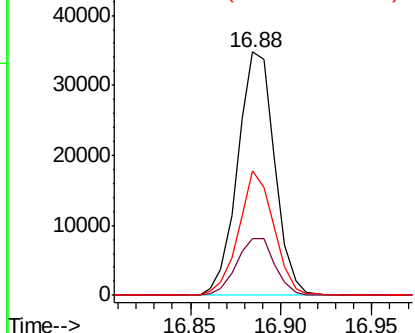
Tot Ion	Ratio	Lower	Upper
200	100		
173	23.4	5.9	45.9
215	51.1	33.1	73.1

Manual Integrations
 APPROVED

Sohil
 12/16/2018 2:01:18 PM



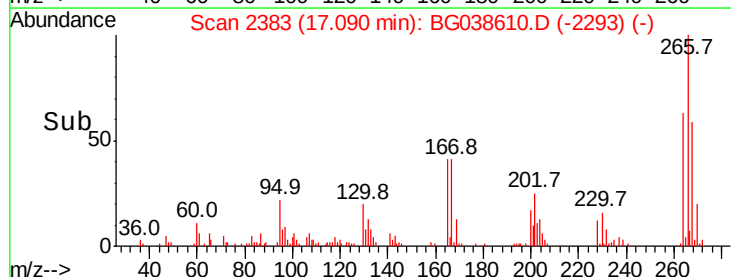
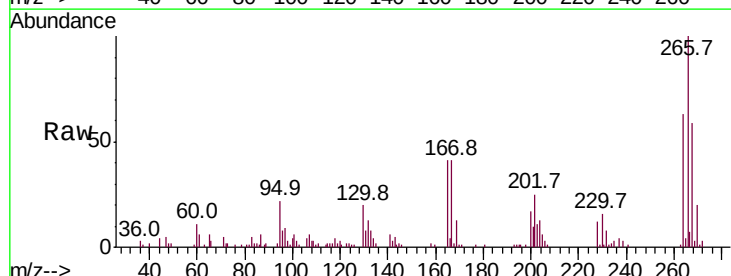
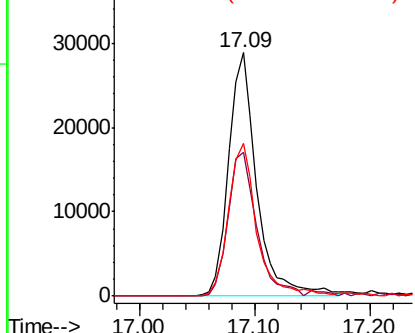
Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

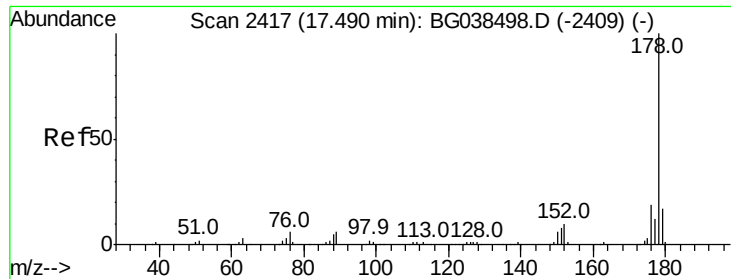


#70
 Pentachlorophenol
 Concen: 49.564 ng
 RT: 17.09 min Scan# 2383
 Delta R.T. -0.00 min
 Lab File: BG038610.D
 Acq: 15 Dec 2018 18:48

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.7	55.0	82.6
264	67.1	56.7	85.1

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





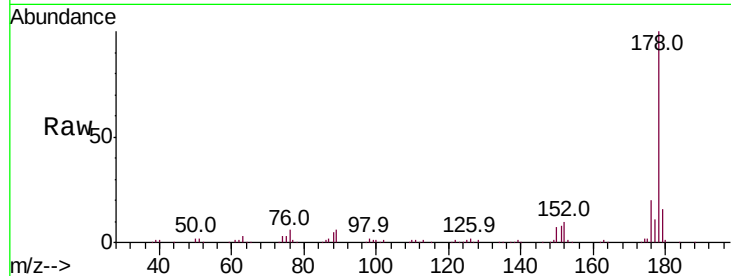
#71
 Phenanthrene
 Concen: 32.689 ng
 RT: 17.48 min Scan# 2450
 Delta R.T. -0.01 min
 Lab File: BG038610.D
 Acq: 15 Dec 2018 18:48

Instrument :
 BNA_G
 ClientSampleId :
 PB115540BSD

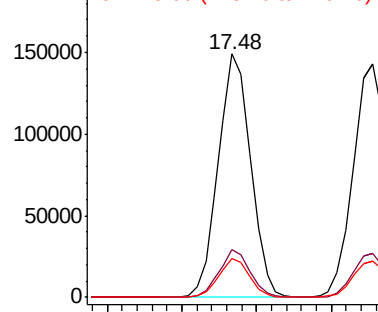
Tot Ion	Ratio	Resp	Lower	Upper
178	100	223155		
176	19.5		15.1	22.7
179	15.9		13.2	19.8

Manual Integrations
 APPROVED

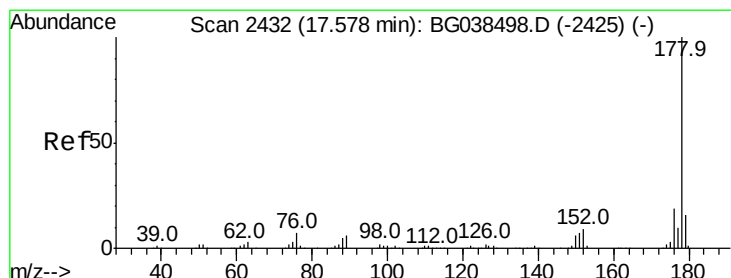
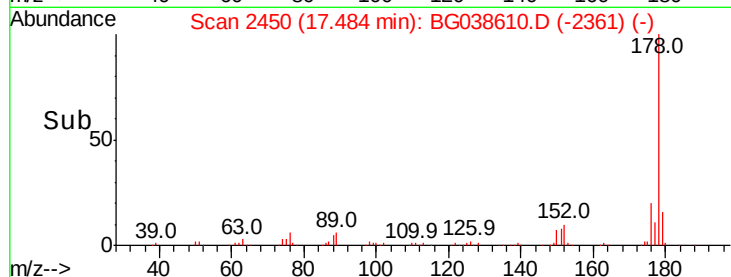
Sohil
 12/16/2018 2:01:18 PM



Abundance Ion 178.00 (177.70 to 178.70): E
 200000 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E



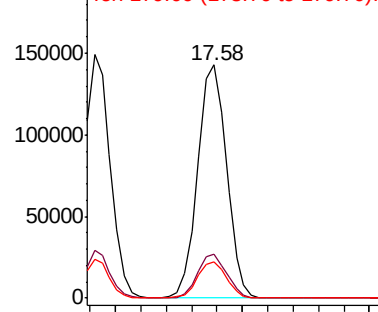
Time--> 17.40 17.45 17.50 17.55



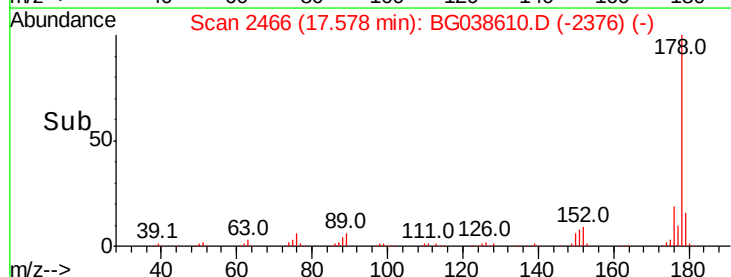
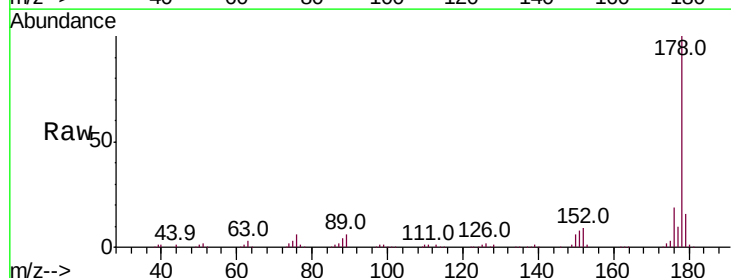
#72
 Anthracene
 Concen: 33.422 ng
 RT: 17.58 min Scan# 2466
 Delta R.T. -0.00 min
 Lab File: BG038610.D
 Acq: 15 Dec 2018 18:48

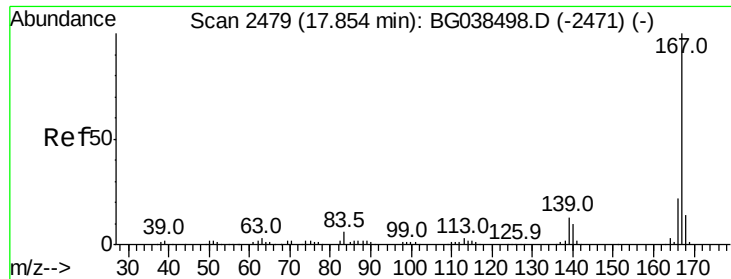
Tgt Ion	Ratio	Resp	Lower	Upper
178	100	225241		
176	19.1		15.1	22.7
179	15.5		12.9	19.3

Abundance Ion 178.00 (177.70 to 178.70): E
 200000 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E



Time--> 17.50 17.60





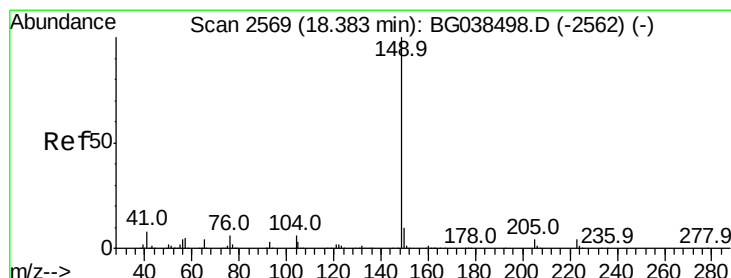
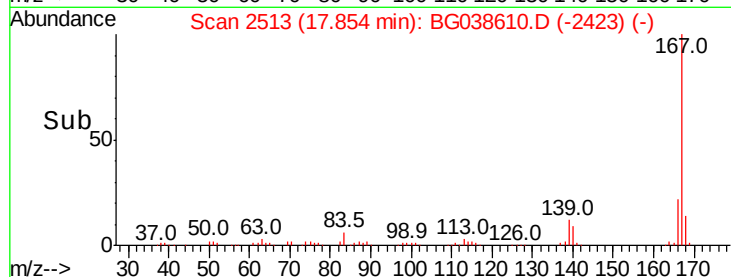
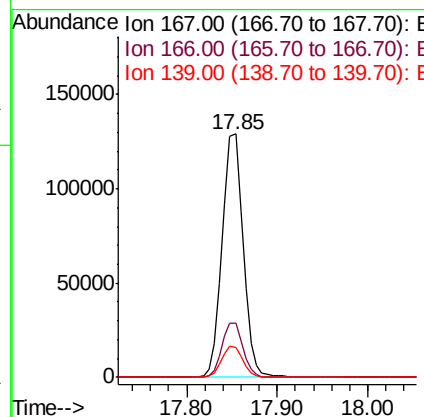
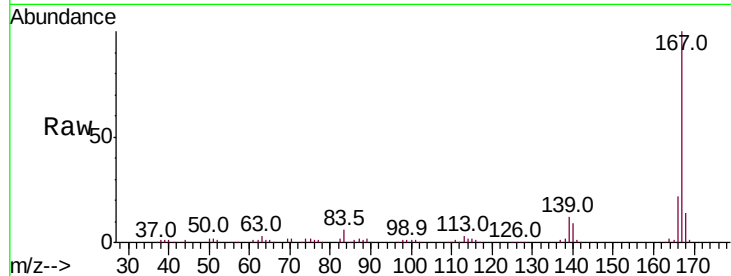
#73
 Carbazole
 Concen: 31.243 ng
 RT: 17.85 min Scan# 2513
 Delta R.T. -0.00 min
 Lab File: BG038610.D
 Acq: 15 Dec 2018 18:48

Instrument :
 BNA_G
 ClientSampleId :
 PB115540BSD

Tot Ion	Ratio	Resp Lower	Upper
167	100		
166	22.4	17.9	26.9
139	12.5	10.2	15.2

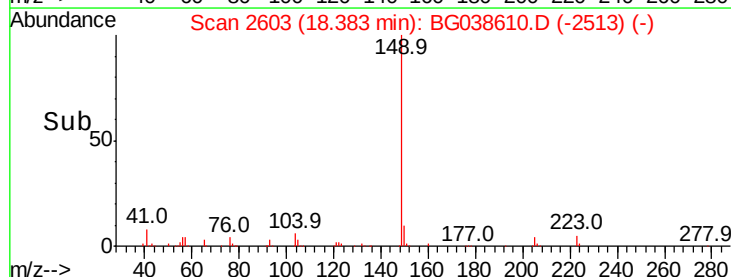
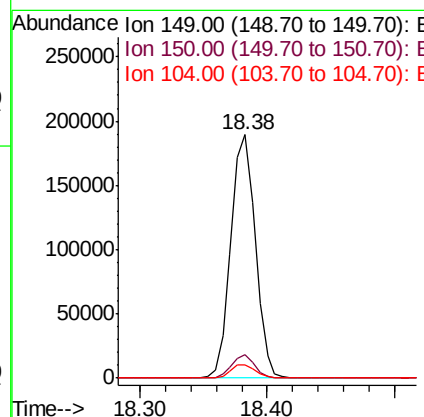
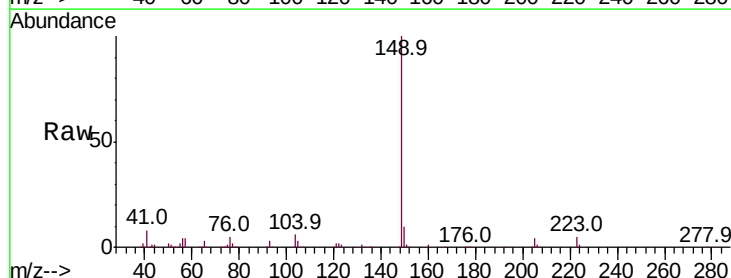
Manual Integrations
 APPROVED

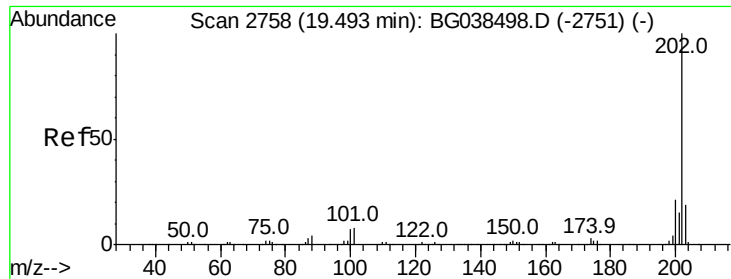
Sohil
 12/16/2018 2:01:18 PM



#74
 Di-n-butylphthalate
 Concen: 33.013 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. -0.00 min
 Lab File: BG038610.D
 Acq: 15 Dec 2018 18:48

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
150	9.7	7.6	11.4
104	5.6	5.0	7.4





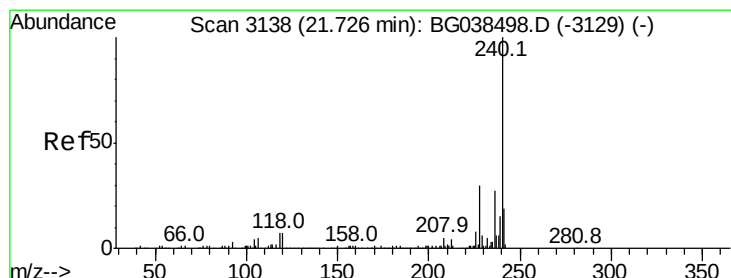
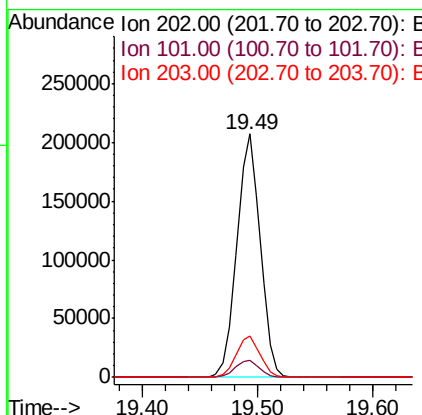
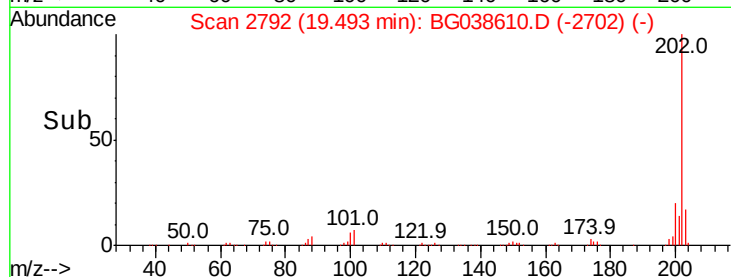
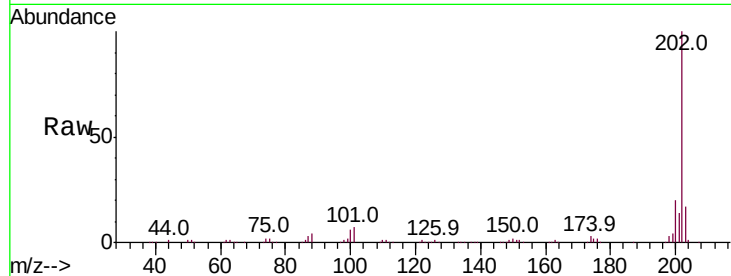
#75
 Fluoranthene
 Concen: 34.315 ng
 RT: 19.49 min Scan# 2792
 Delta R.T. -0.00 min
 Lab File: BG038610.D
 Acq: 15 Dec 2018 18:48

Instrument :
 BNA_G
 ClientSampleId :
 PB115540BSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	7.1	0.0	28.1
203	16.8	0.0	39.0

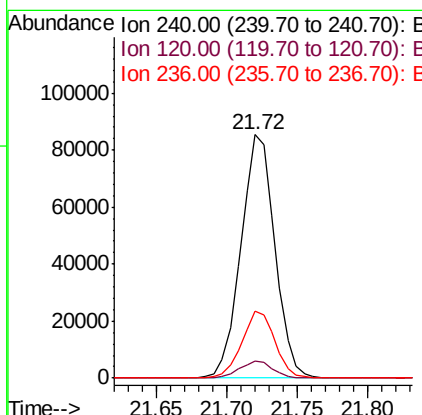
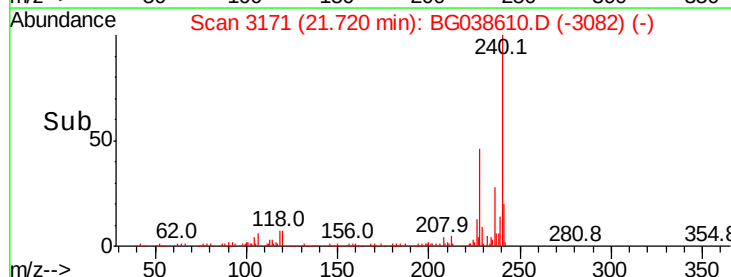
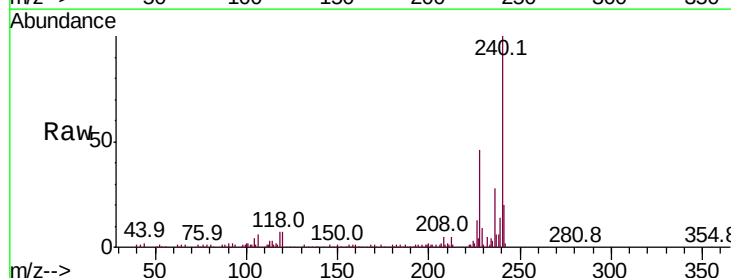
Manual Integrations
 APPROVED

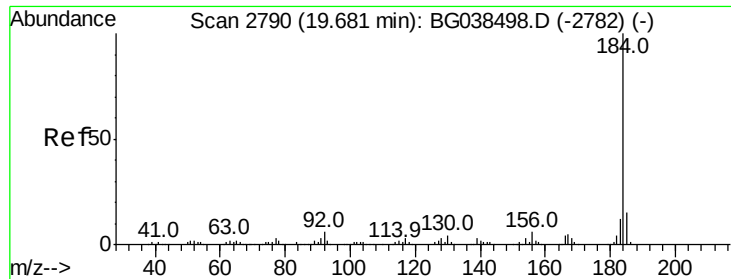
Sohil
 12/16/2018 2:01:18 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3171
 Delta R.T. -0.01 min
 Lab File: BG038610.D
 Acq: 15 Dec 2018 18:48

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	7.0	5.3	7.9
236	27.7	21.4	32.2





#77

Benzidine

Concen: 16.181 ng

RT: 19.68 min Scan# 2824

Delta R.T. -0.00 min

Lab File: BG038610.D

Acq: 15 Dec 2018 18:48

Instrument :

BNA_G

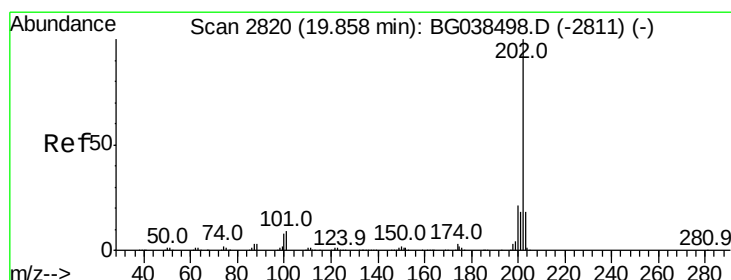
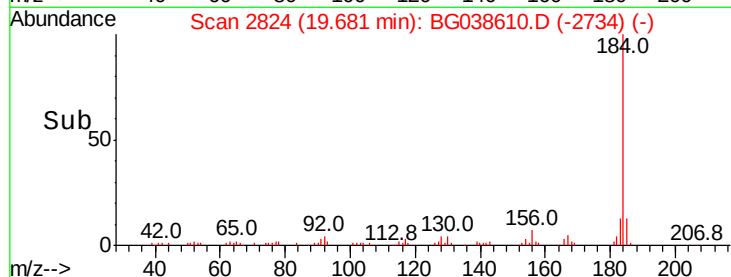
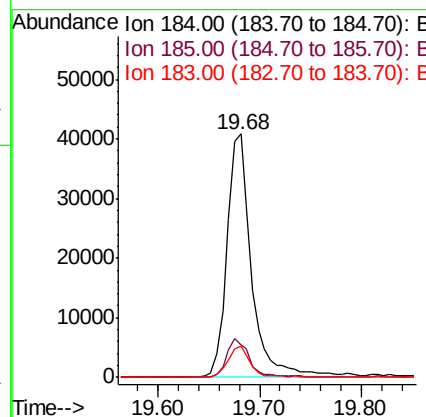
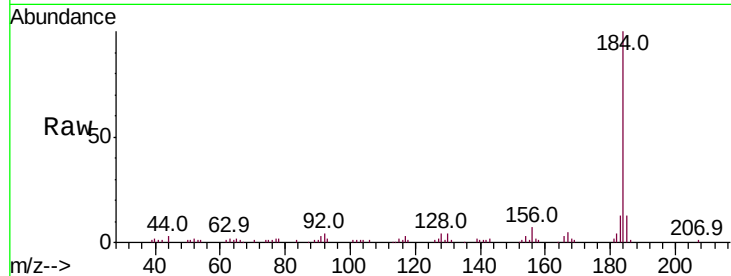
ClientSampleId :

PB115540BSD

Tot Ion:	184	Resp:	68617
Ion Ratio	Lower	Upper	
184	100		
185	13.5	12.2	18.2
183	12.5	9.6	14.4

Manual Integrations
APPROVED

Sohil
12/16/2018 2:01:18 PM



#78

Pyrene

Concen: 30.857 ng

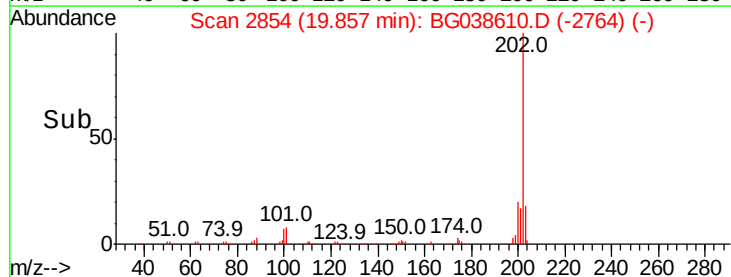
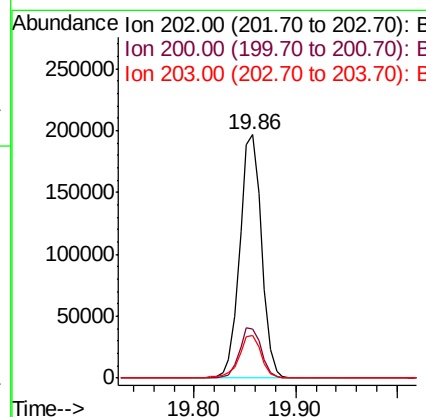
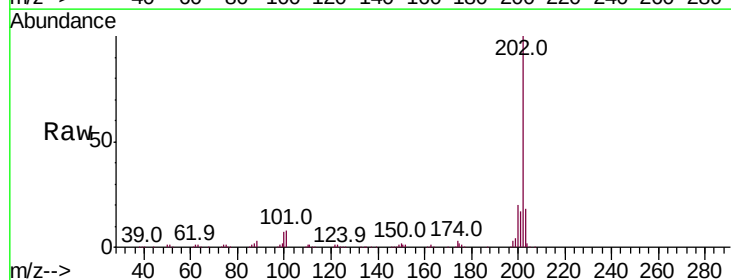
RT: 19.86 min Scan# 2854

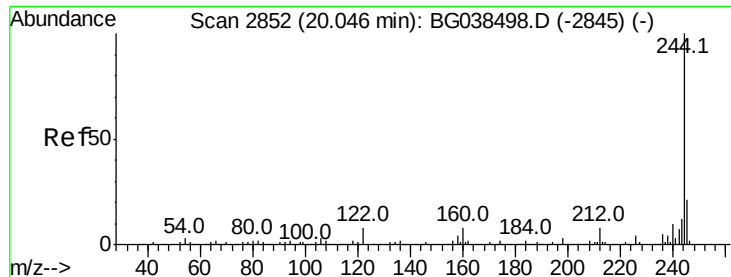
Delta R.T. -0.00 min

Lab File: BG038610.D

Acq: 15 Dec 2018 18:48

Tgt Ion:	202	Resp:	292307
Ion Ratio	Lower	Upper	
202	100		
200	20.1	16.6	25.0
203	17.6	14.6	21.8





#79

Terphenyl-d14

Concen: 66.837 ng

RT: 20.05 min Scan# 2886

Delta R.T. 0.00 min

Lab File: BG038610.D

Acq: 15 Dec 2018 18:48

Instrument :

BNA_G

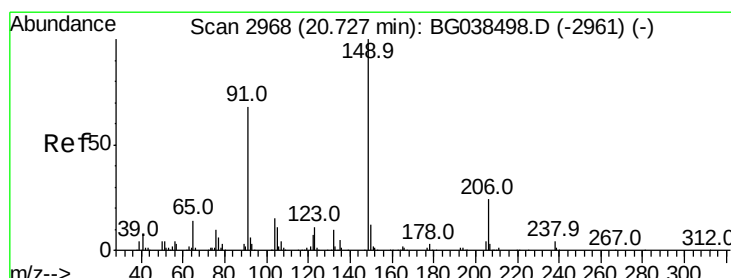
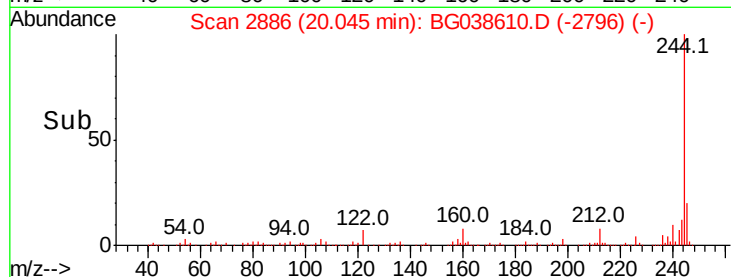
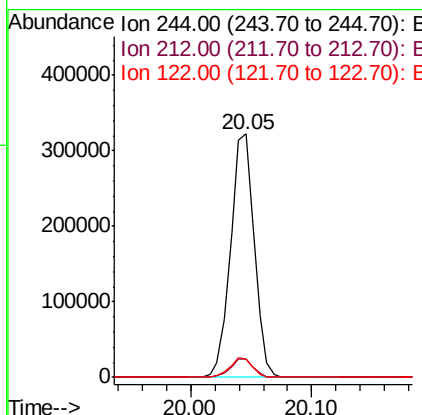
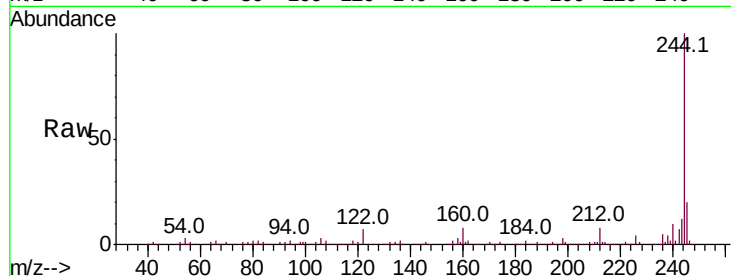
ClientSampleId :

PB115540BSD

Tot Ion:	244	Resp:	440368
Ion Ratio	Lower	Upper	
244	100		
212	7.5	6.2	9.2
122	7.4	6.3	9.5

Manual Integrations
APPROVED

Sohil
12/16/2018 2:01:18 PM



#80

Butylbenzylphthalate

Concen: 30.596 ng

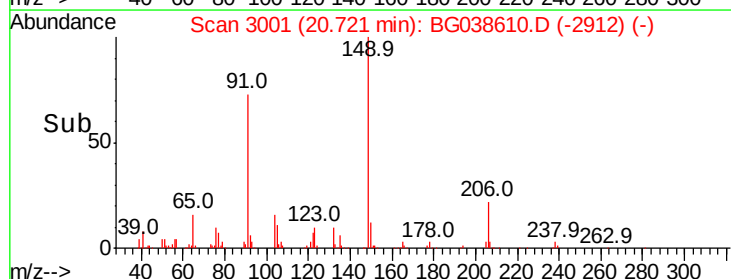
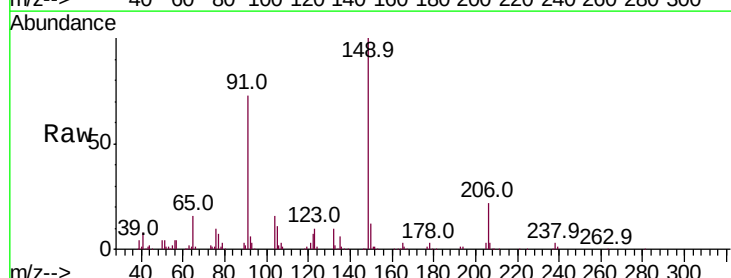
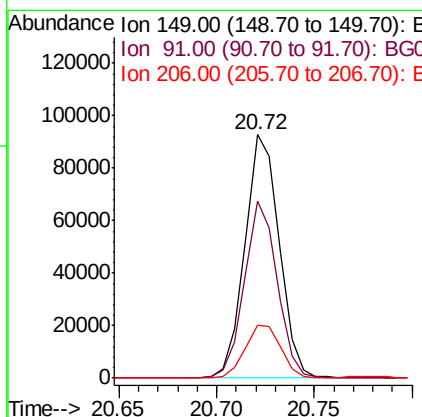
RT: 20.72 min Scan# 3001

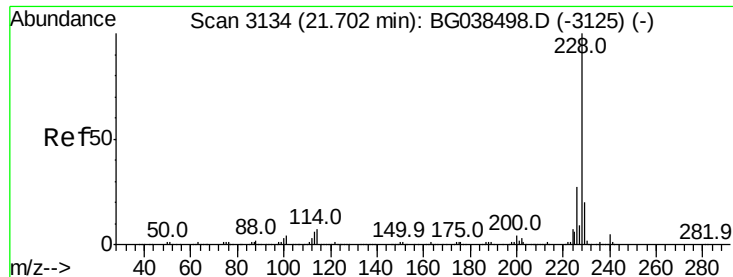
Delta R.T. -0.01 min

Lab File: BG038610.D

Acq: 15 Dec 2018 18:48

Tgt Ion:	149	Resp:	113232
Ion Ratio	Lower	Upper	
149	100		
91	72.9	54.5	81.7
206	21.7	19.0	28.6





#81

Benzo(a)anthracene

Concen: 32.729 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.00 min

Lab File: BG038610.D

Acq: 15 Dec 2018 18:48

Instrument :

BNA_G

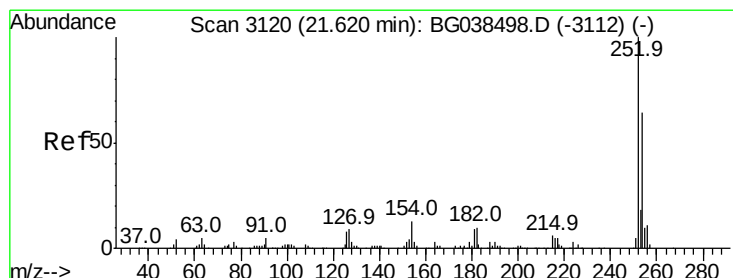
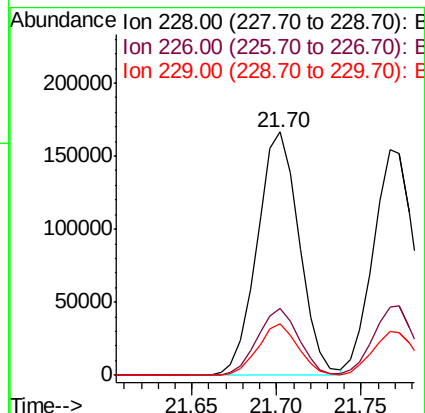
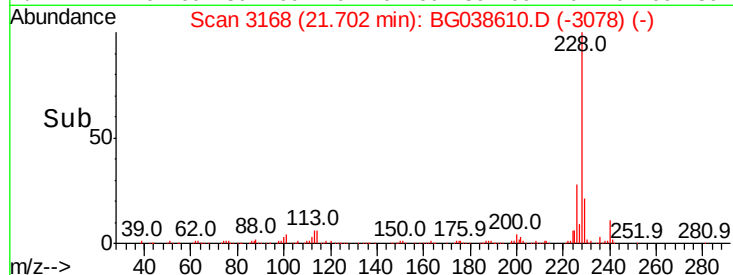
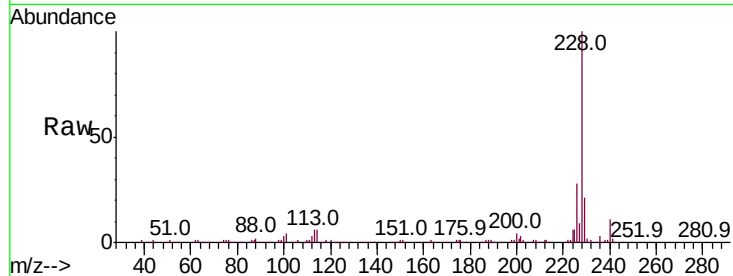
ClientSampleId :

PB115540BSD

Tot Ion:	228	Resp:	285971
Ion Ratio	Lower	Upper	
228	100		
226	27.7	21.8	32.8
229	21.0	15.8	23.6

Manual Integrations
APPROVED

Sohil
12/16/2018 2:01:18 PM



#82

3,3'-Dichlorobenzidine

Concen: 15.964 ng

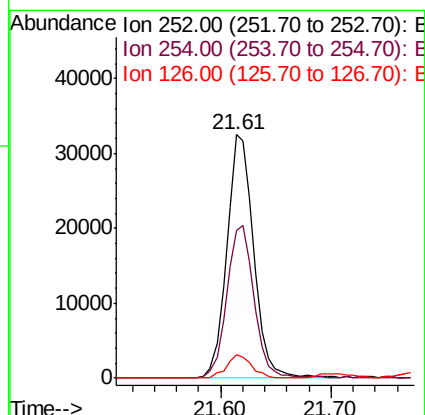
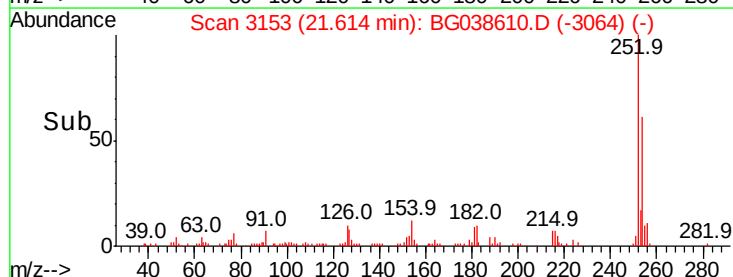
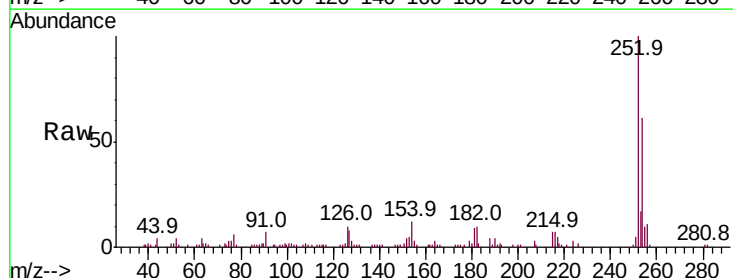
RT: 21.61 min Scan# 3153

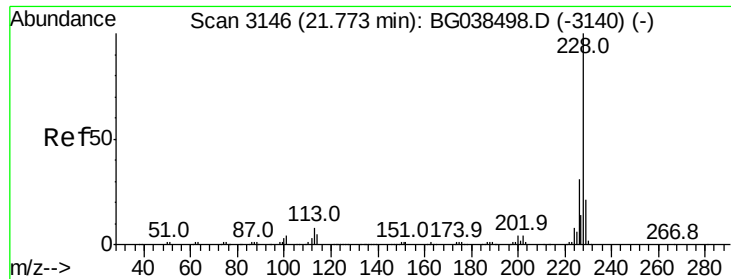
Delta R.T. -0.01 min

Lab File: BG038610.D

Acq: 15 Dec 2018 18:48

Tgt Ion:	252	Resp:	55320
Ion Ratio	Lower	Upper	
252	100		
254	60.7	50.9	76.3
126	9.8	6.3	9.5#





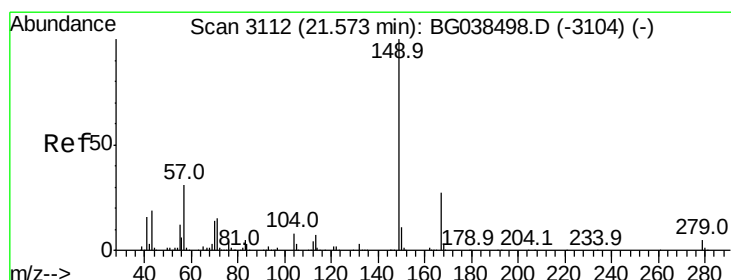
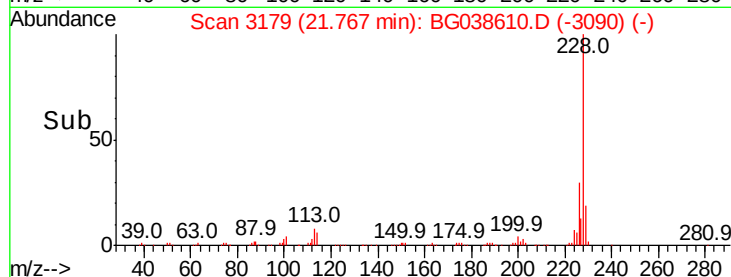
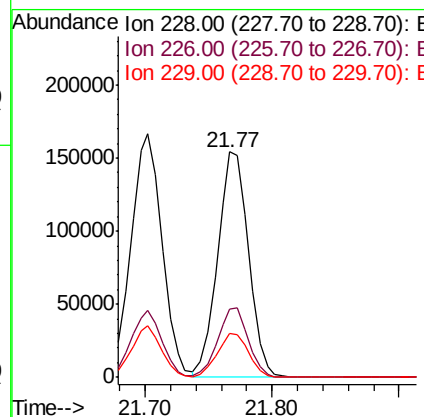
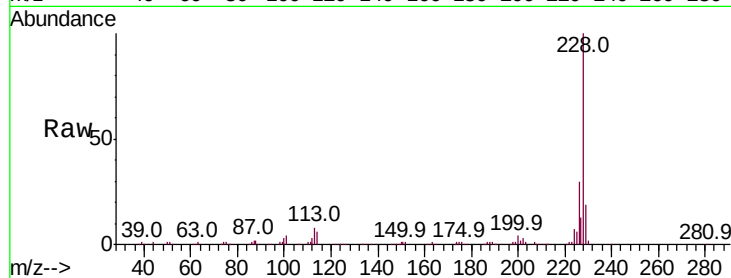
#83
 Chrysene
 Concen: 31.012 ng
 RT: 21.77 min Scan# 3179
 Delta R.T. -0.01 min
 Lab File: BG038610.D
 Acq: 15 Dec 2018 18:48

Instrument :
 BNA_G
 ClientSampleId :
 PB115540BSD

Tot Ion:	228	Resp:	260997
Ion Ratio	Lower	Upper	
228	100		
226	30.4	25.0	37.4
229	19.4	16.5	24.7

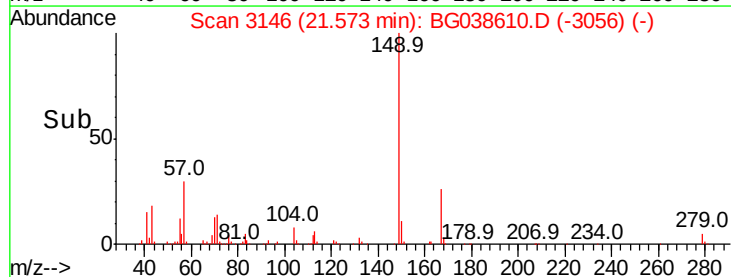
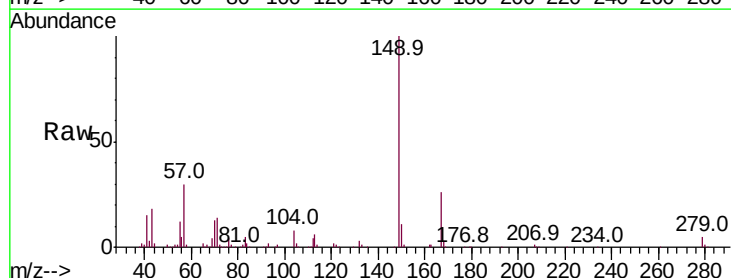
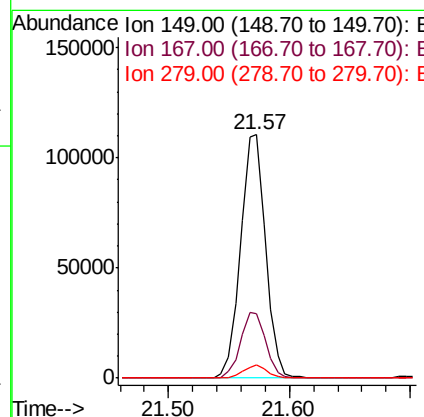
Manual Integrations
 APPROVED

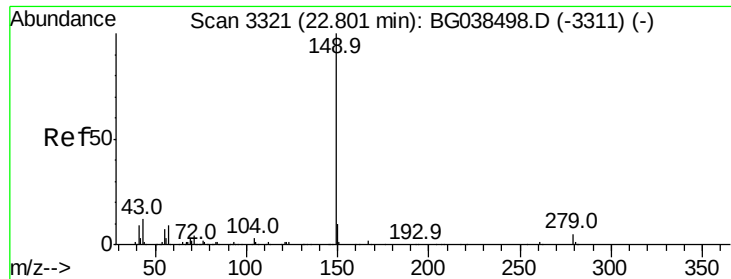
Sohil
 12/16/2018 2:01:18 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 30.404 ng
 RT: 21.57 min Scan# 3146
 Delta R.T. -0.00 min
 Lab File: BG038610.D
 Acq: 15 Dec 2018 18:48

Tgt Ion:	149	Resp:	159588
Ion Ratio	Lower	Upper	
149	100		
167	26.4	21.9	32.9
279	5.5	4.2	6.2





#85

Di-n-octyl phthalate

Concen: 31.370 ng

RT: 22.80 min Scan# 3354

Delta R.T. -0.01 min

Lab File: BG038610.D

Acq: 15 Dec 2018 18:48

Instrument :

BNA_G

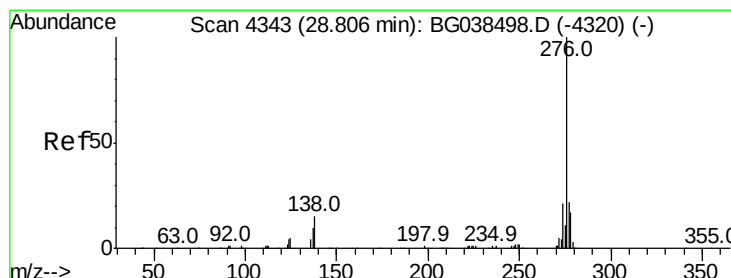
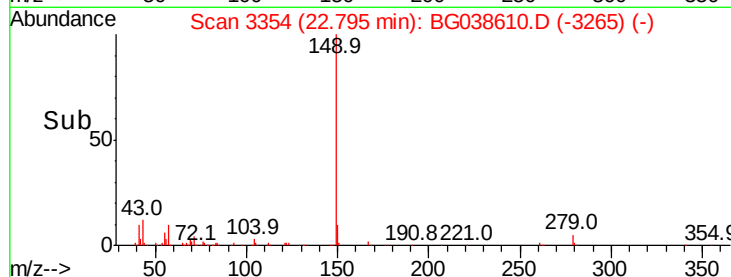
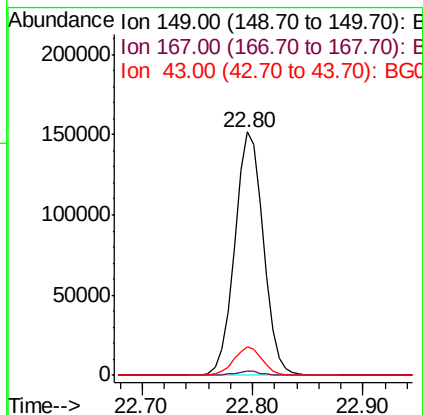
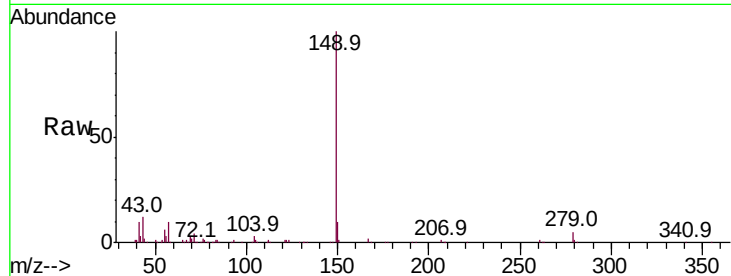
ClientSampleId :

PB115540BSD

Tot Ion:	149	Resp:	275765
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	11.7	9.3	13.9

Manual Integrations
APPROVED

Sohil
12/16/2018 2:01:18 PM



#86

Indeno(1,2,3-cd)pyrene

Concen: 31.712 ng

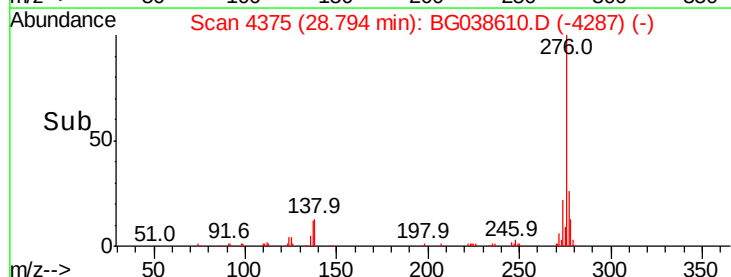
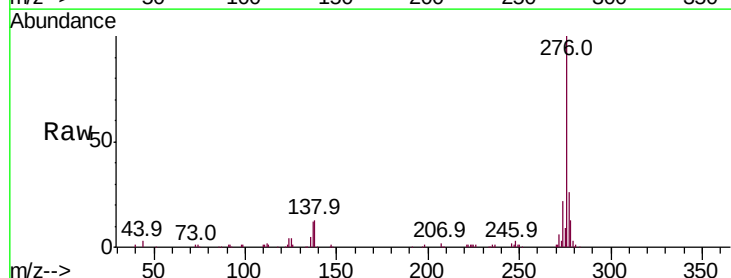
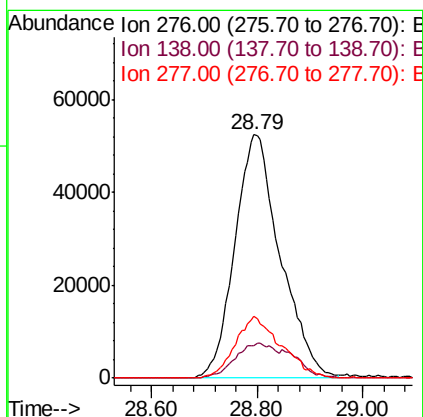
RT: 28.79 min Scan# 4375

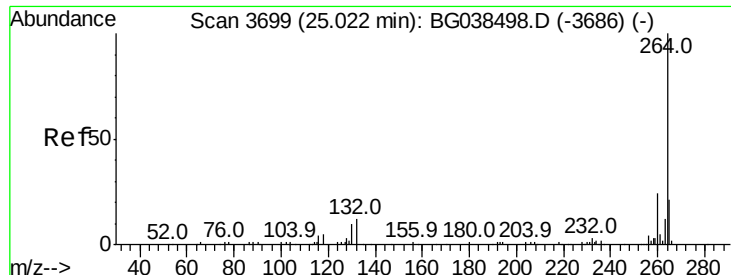
Delta R.T. -0.01 min

Lab File: BG038610.D

Acq: 15 Dec 2018 18:48

Tgt Ion:	276	Resp:	313767
Ion Ratio	Lower	Upper	
276	100		
138	12.5	14.4	21.6#
277	25.6	0.0	0.0#





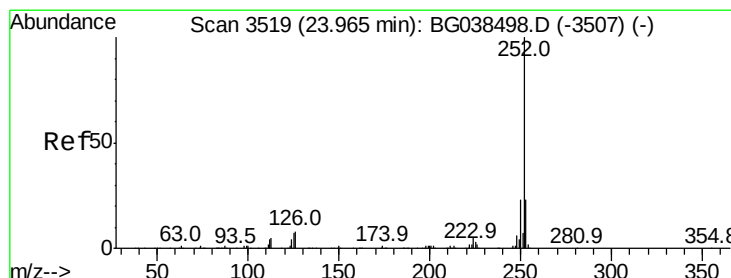
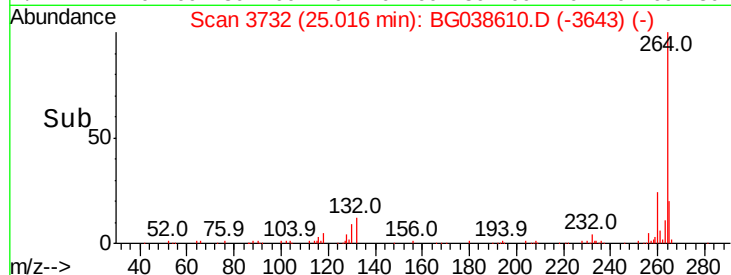
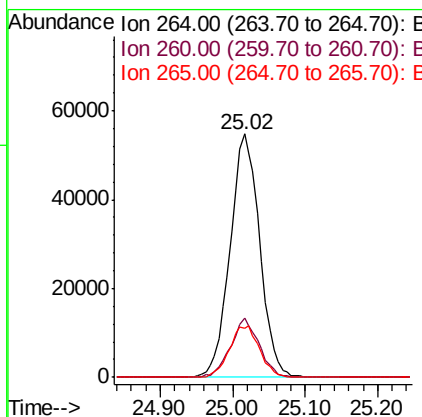
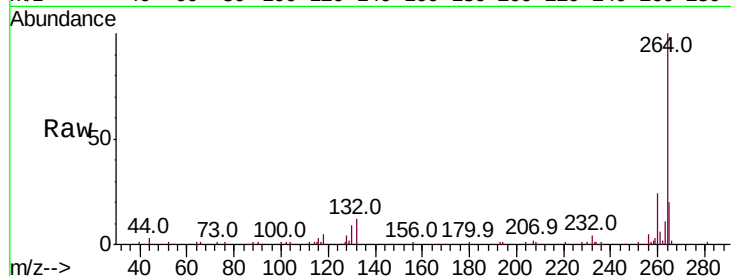
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3732
Delta R.T. -0.01 min
Lab File: BG038610.D
Acq: 15 Dec 2018 18:48

Instrument :
BNA_G
ClientSampleId :
PB115540BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.9	28.3
265	20.4	17.0	25.4

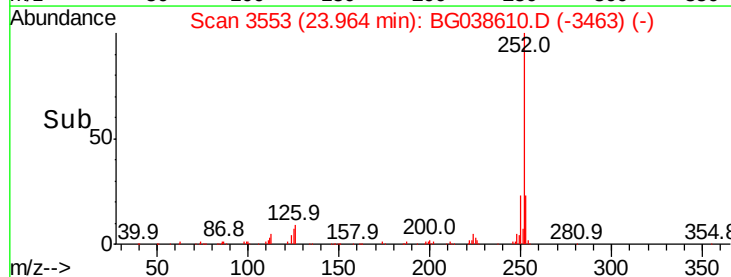
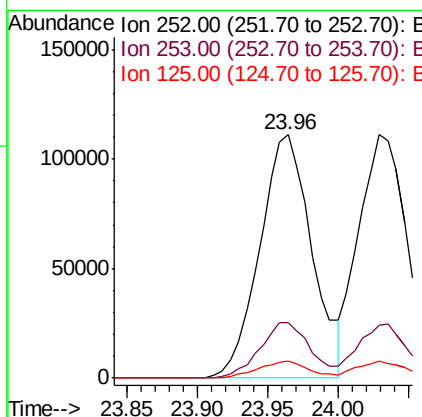
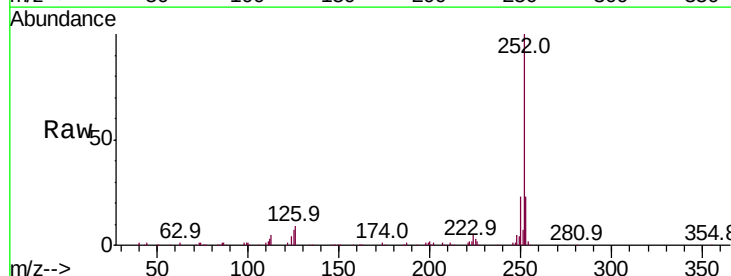
Manual Integrations
APPROVED

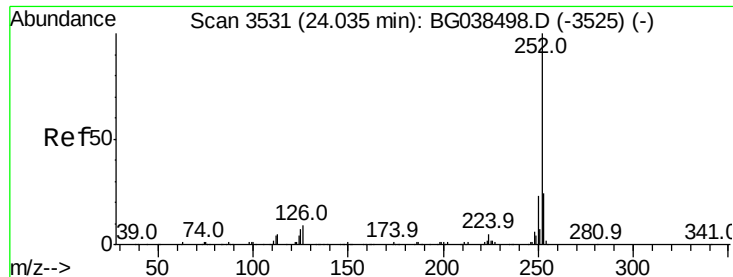
Sohil
12/16/2018 2:01:18 PM



#88
Benzo(b)fluoranthene
Concen: 33.548 ng
RT: 23.96 min Scan# 3553
Delta R.T. -0.00 min
Lab File: BG038610.D
Acq: 15 Dec 2018 18:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	7.0	5.5	8.3





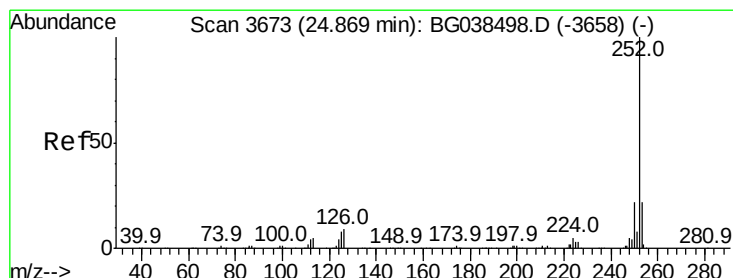
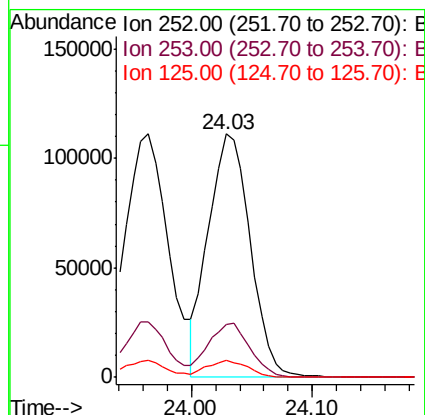
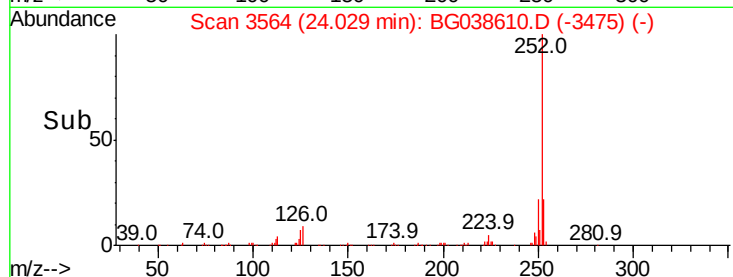
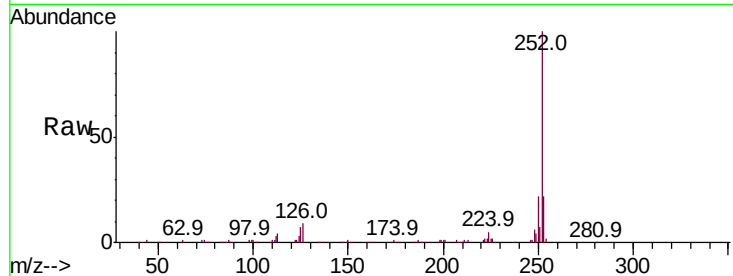
#89
Benzo(k)fluoranthene
Concen: 31.298 ng
RT: 24.03 min Scan# 3564
Delta R.T. -0.01 min
Lab File: BG038610.D
Acq: 15 Dec 2018 18:48

Instrument :
BNA_G
ClientSampleId :
PB115540BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.9	28.3
125	7.1	5.4	8.2

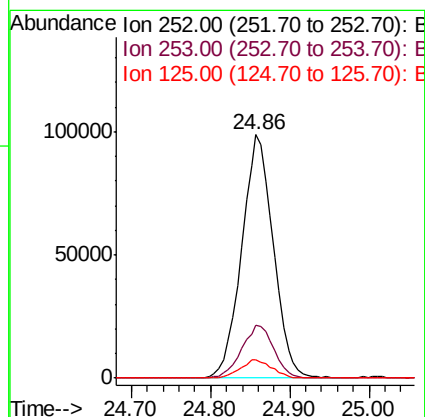
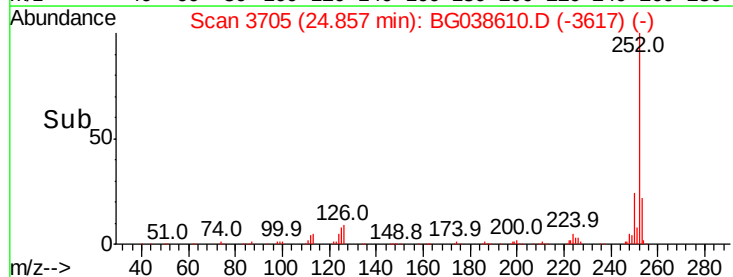
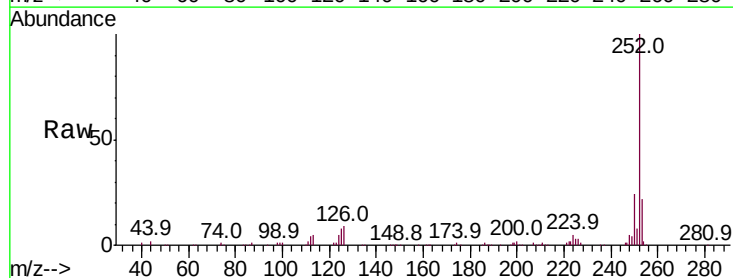
Manual Integrations
APPROVED

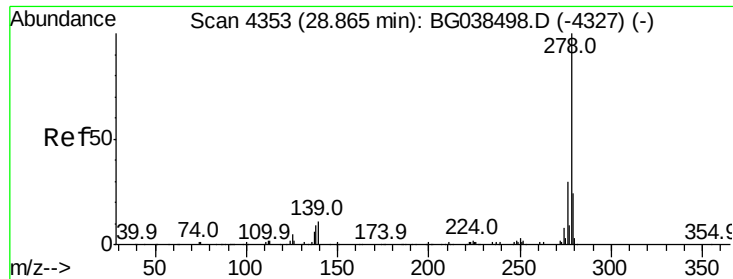
Sohil
12/16/2018 2:01:18 PM



#90
Benzo(a)pyrene
Concen: 33.162 ng
RT: 24.86 min Scan# 3705
Delta R.T. -0.01 min
Lab File: BG038610.D
Acq: 15 Dec 2018 18:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.0
125	7.7	6.4	9.6





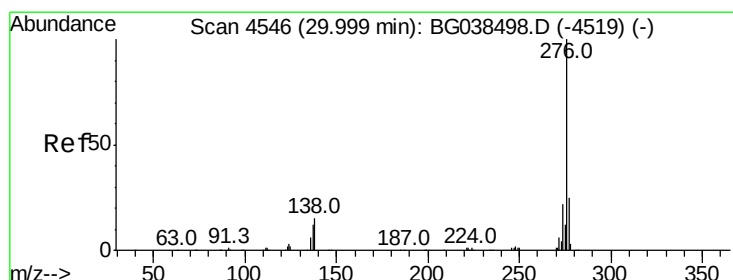
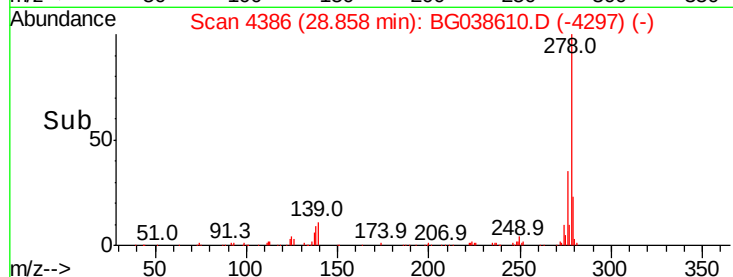
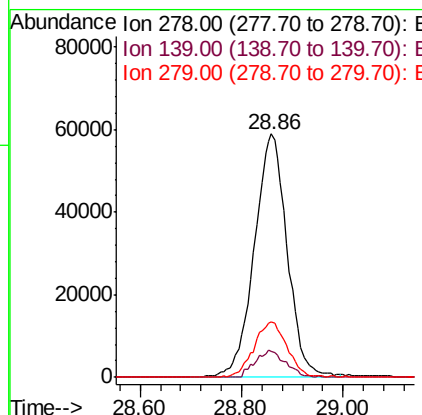
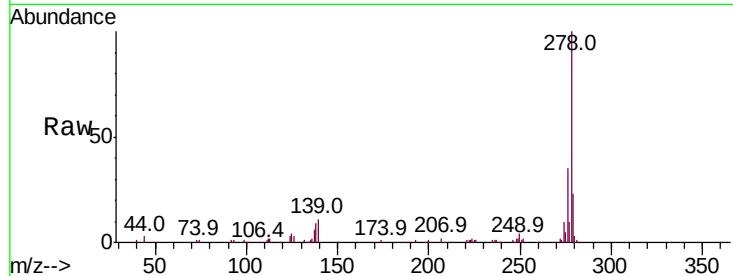
#91
Dibenzo(a,h)anthracene
Concen: 32.418 ng
RT: 28.86 min Scan# 4386
Delta R.T. -0.01 min
Lab File: BG038610.D
Acq: 15 Dec 2018 18:48

Instrument :
BNA_G
ClientSampleId :
PB115540BSD

Tot Ion:278	Resp:	265603
Ion Ratio	Lower	Upper
278 100		
139 10.6	8.6	12.8
279 22.7	19.0	28.6

Manual Integrations
APPROVED

Sohil
12/16/2018 2:01:18 PM



#92
Benzo(g,h,i)perylene
Concen: 32.276 ng
RT: 29.98 min Scan# 4577
Delta R.T. -0.02 min
Lab File: BG038610.D
Acq: 15 Dec 2018 18:48

Tgt Ion:276	Resp:	260599
Ion Ratio	Lower	Upper
276 100		
277 23.9	19.8	29.8
138 12.9	11.8	17.6

