

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121818\
 Data File : BG038706.D
 Acq On : 18 Dec 2018 22:36
 Operator : JU/SJ
 Sample : PB115759BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115759BS

Manual Integrations
 APPROVED

Sohil
 12/19/2018 4:12:29 PM

Quant Time: Dec 19 07:28:09 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	8.05	152	22569	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	90858	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	59963	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	155000	20.00	ng	0.00
76) Chrysene-d12	21.72	240	158523	20.00	ng	0.00
87) Perylene-d12	25.02	264	169327	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	158585	124.63	ng	0.00
7) Phenol-d6	7.21	99	213460	122.20	ng	0.00
23) Nitrobenzene-d5	9.23	82	111896	62.92	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	103140	124.81	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	284266	65.04	ng	0.00
79) Terphenyl-d14	20.05	244	598578	82.18	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	20495	34.607	ng	91
3) Pyridine	3.89	79	56535	34.673	ng	95
4) n-Nitrosodimethylamine	3.82	42	33982	42.535	ng	# 91
6) Aniline	7.38	93	70735	31.721	ng	99
8) 2-Chlorophenol	7.62	128	65899	44.752	ng	99
9) Benzaldehyde	7.20	77	21337	18.829	ng	96
10) Phenol	7.24	94	85030	45.818	ng	99
11) bis(2-Chloroethyl)ether	7.48	93	54512	36.893	ng	94
12) 1,3-Dichlorobenzene	7.94	146	70079	40.250	ng	99
13) 1,4-Dichlorobenzene	8.09	146	71647	40.180	ng	96
14) 1,2-Dichlorobenzene	8.41	146	67196	39.972	ng	96
15) Benzyl Alcohol	8.29	79	59267	43.468	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	122197	36.103	ng	98
17) 2-Methylphenol	8.49	107	56801	45.682	ng	97
18) Hexachloroethane	9.13	117	25552	39.215	ng	95
19) n-Nitroso-di-n-propylamine	8.86	70	45692	37.242	ng	97
20) 3+4-Methylphenols	8.82	107	76612	44.615	ng	96
22) Acetophenone	8.89	105	94975	41.849	ng	97
24) Nitrobenzene	9.28	77	72727	40.422	ng	99
25) Isophorone	9.79	82	130903	40.966	ng	100
26) 2-Nitrophenol	9.99	139	36634	39.783	ng	97
27) 2,4-Dimethylphenol	10.03	122	67151	50.882	ng	96
28) bis(2-Chloroethoxy)methane	10.27	93	75261	41.736	ng	97
29) 2,4-Dichlorophenol	10.52	162	70438	47.976	ng	98
30) 1,2,4-Trichlorobenzene	10.73	180	73182	41.266	ng	95
31) Naphthalene	10.93	128	203476	45.453	ng	98
32) Benzoic acid	10.19	122	29067m	37.497	ng	
33) 4-Chloroaniline	11.04	127	47422	24.400	ng	96
34) Hexachlorobutadiene	11.18	225	49051	40.876	ng	95
35) Caprolactam	11.82	113	23328	38.394	ng	89
36) 4-Chloro-3-methylphenol	12.15	107	75161	44.860	ng	98
37) 2-Methylnaphthalene	12.52	142	152516	47.755	ng	99
38) 1-Methylnaphthalene	12.74	142	142685	46.041	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	90562	40.404	ng	100

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121818\
 Data File : BG038706.D
 Acq On : 18 Dec 2018 22:36
 Operator : JU/SJ
 Sample : PB115759BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 PB115759BS

Manual Integrations
 APPROVED

Sohil
 12/19/2018 4:12:29 PM

Quant Time: Dec 19 07:28:09 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	110694	89.892	nq	92
43) 2,4,6-Trichlorophenol	13.13	196	62162	45.105	nq	98
44) 2,4,5-Trichlorophenol	13.21	196	68932	47.241	nq	96
46) 1,1'-Biphenyl	13.53	154	198556	39.499	nq	99
47) 2-Chloronaphthalene	13.58	162	159339	41.035	nq	98
48) 2-Nitroaniline	13.79	65	52450	42.407	nq	89
49) Acenaphthylene	14.42	152	264126	45.501	nq	99
50) Dimethylphthalate	14.15	163	207859	42.448	nq	98
51) 2,6-Dinitrotoluene	14.28	165	47288	42.614	nq	94
52) Acenaphthene	14.76	154	150689	43.412	nq	100
53) 3-Nitroaniline	14.61	138	35217	31.132	nq	99
54) 2,4-Dinitrophenol	14.82	184	46131	70.523	nq	100
55) Dibenzofuran	15.09	168	256086	43.039	nq	98
56) 4-Nitrophenol	14.92	139	75238	87.674	nq	95
57) 2,4-Dinitrotoluene	15.06	165	69120	44.224	nq	95
58) Fluorene	15.74	166	206190	46.774	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.32	232	63039	48.019	nq	99
60) Diethylphthalate	15.50	149	214722	39.944	nq	99
61) 4-Chlorophenyl-phenylether	15.73	204	115968	42.163	nq	98
62) 4-Nitroaniline	15.78	138	52327	44.932	nq	95
63) Azobenzene	16.02	77	185546	41.318	nq	97
65) 4,6-Dinitro-2-methylphenol	15.83	198	42341	38.294	nq	89
66) n-Nitrosodiphenylamine	15.94	169	191092	41.959	nq	98
67) 4-Bromophenyl-phenylether	16.63	248	76980	40.666	nq	95
68) Hexachlorobenzene	16.74	284	81798	41.685	nq	97
69) Atrazine	16.89	200	77747	46.001	nq	95
70) Pentachlorophenol	17.09	266	87939	75.765	nq	99
71) Phenanthrene	17.48	178	365072	45.420	nq	97
72) Anthracene	17.58	178	371772	46.852	nq	99
73) Carbazole	17.85	167	332214	42.334	nq	99
74) Di-n-butylphthalate	18.38	149	381171	42.331	nq	99
75) Fluoranthene	19.49	202	457716	46.025	nq	98
77) Benzidine	19.68	184	219547	46.830	nq	99
78) Pyrene	19.86	202	456732	43.613	nq	99
80) Butylbenzylphthalate	20.72	149	172460	42.151	nq	99
81) Benzo(a)anthracene	21.70	228	443042	45.866	nq	98
82) 3,3'-Dichlorobenzidine	21.61	252	116231	30.339	nq	99
83) Chrysene	21.77	228	408840	43.942	nq	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	240950	41.523	nq	99
85) Di-n-octyl phthalate	22.79	149	409086	42.095	nq	100
86) Indeno(1,2,3-cd)pyrene	28.81	276	496700	45.409	nq	# 82
88) Benzo(b)fluoranthene	23.96	252	443143	47.667	nq	100
89) Benzo(k)fluoranthene	24.03	252	423993	45.800	nq	98
90) Benzo(a)pyrene	24.86	252	427680	47.685	nq	99
91) Dibenzo(a,h)anthracene	28.86	278	416962	46.691	nq	98
92) Benzo(g,h,i)perylene	30.00	276	411627	46.772	nq	96

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



#1

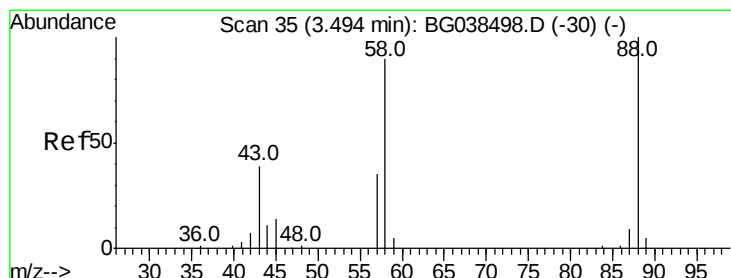
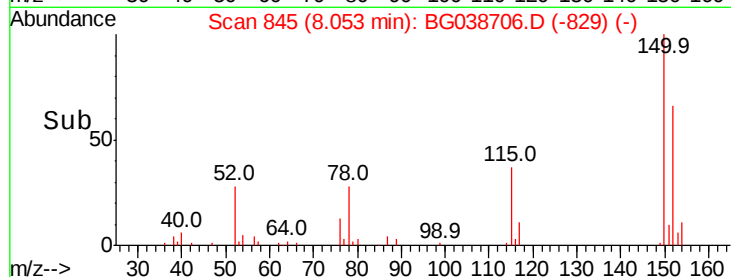
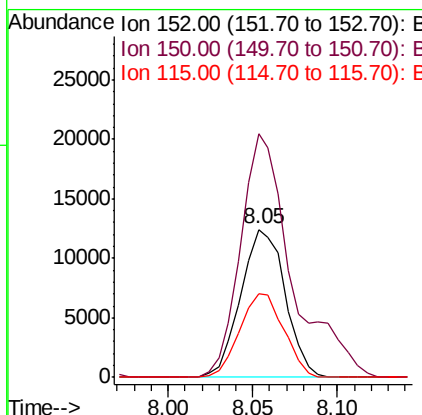
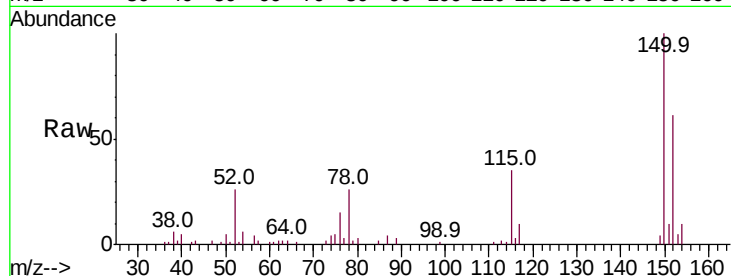
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG038706.D
Acq: 18 Dec 2018 22:36

Instrument :
BNA_G
ClientSampleID :
PB115759BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	164.7	119.5	179.3
115	57.0	49.6	74.4

Manual Integrations
APPROVED

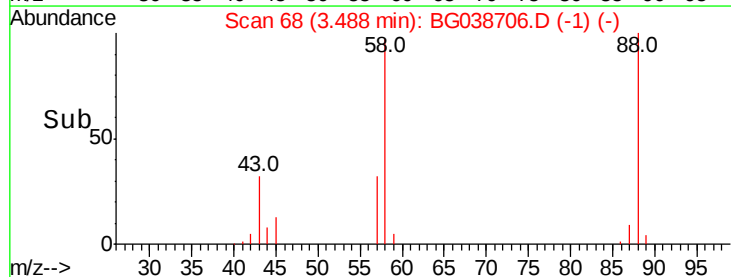
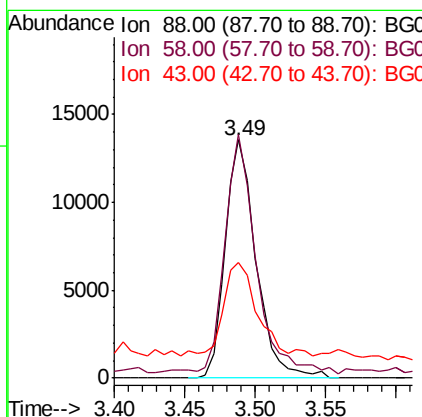
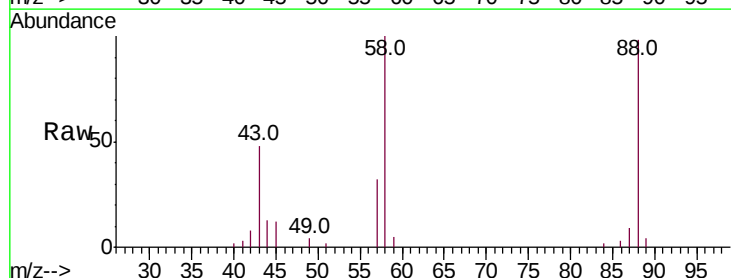
Sohil
12/19/2018 4:12:29 PM

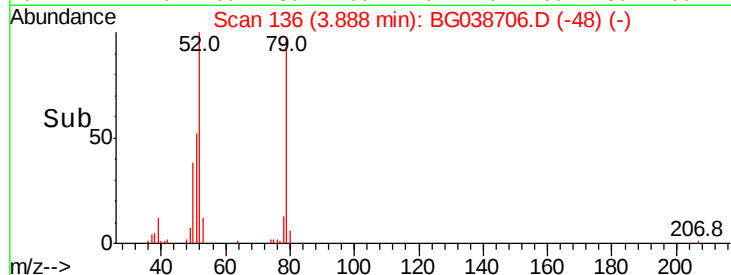
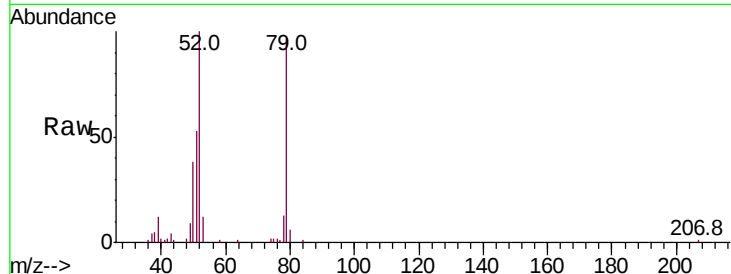
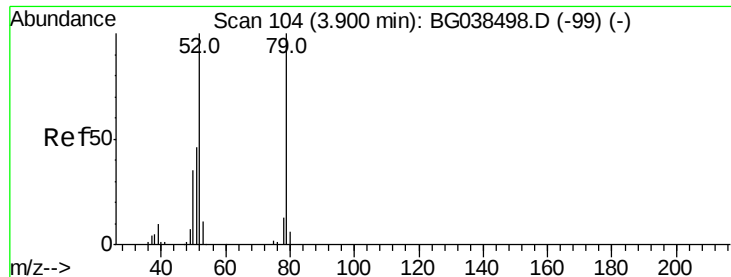


#2

1,4-Dioxane
Concen: 34.607 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.01 min
Lab File: BG038706.D
Acq: 18 Dec 2018 22:36

Tgt Ion	Ratio	Lower	Upper
88	100		
58	103.9	75.7	113.5
43	44.8	31.6	47.4





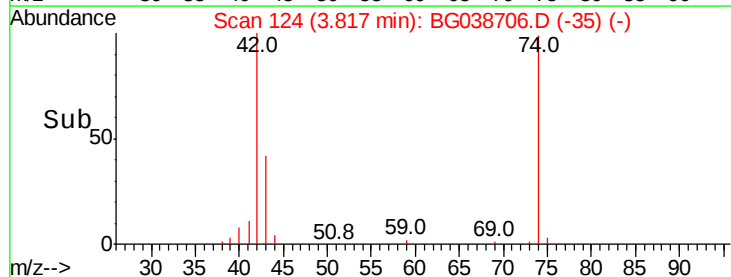
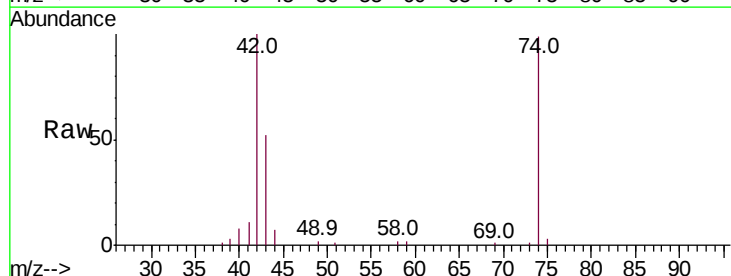
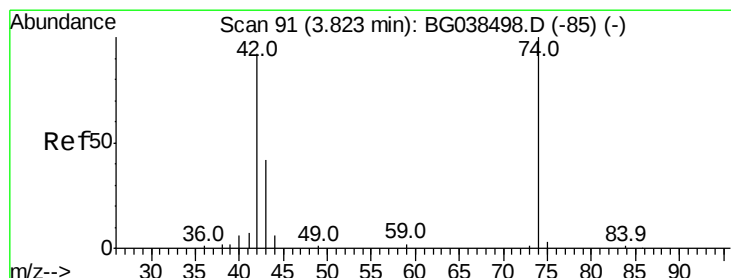
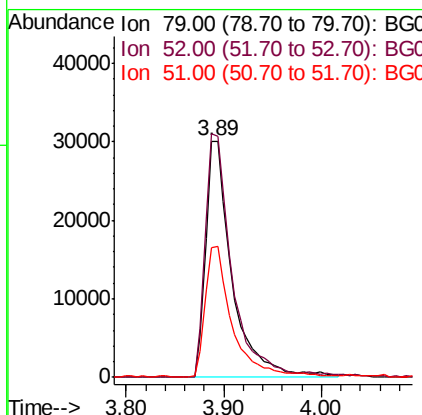
#3
Pvridine
Concen: 34.673 ng
RT: 3.89 min Scan# 136
Delta R.T. -0.01 min
Lab File: BG038706.D
Acq: 18 Dec 2018 22:36

Tot Ion	Ratio	Lower	Upper
79	100		
52	103.0	80.2	120.2
51	54.7	38.0	57.0

Instrument :
BNA_G
ClientSampleId :
PB115759BS

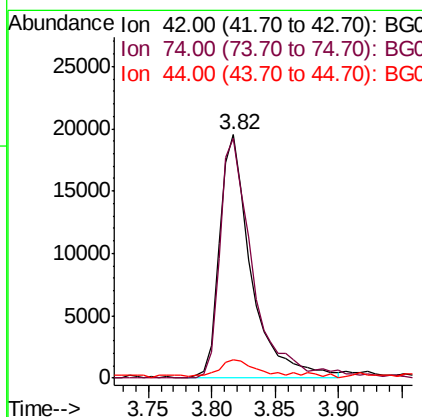
Manual Integrations
APPROVED

Sohil
12/19/2018 4:12:29 PM



#4
n-Nitrosodimethylamine
Concen: 42.535 ng
RT: 3.82 min Scan# 124
Delta R.T. -0.01 min
Lab File: BG038706.D
Acq: 18 Dec 2018 22:36

Tgt Ion	Ratio	Lower	Upper
42	100		
74	98.7	86.7	130.1
44	7.3	7.8	11.8#





#5

2-Fluorophenol

Concen: 124.629 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.01 min

Lab File: BG038706.D

Acq: 18 Dec 2018 22:36

Instrument :

BNA_G

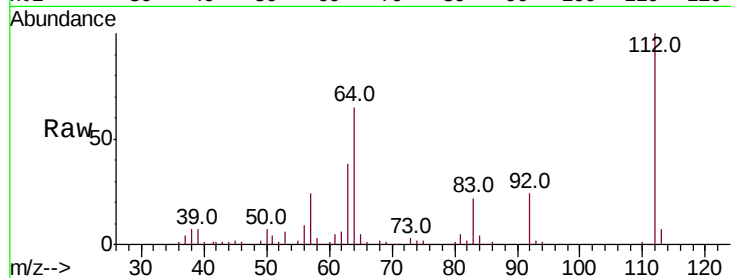
ClientSampleId :

PB115759BS

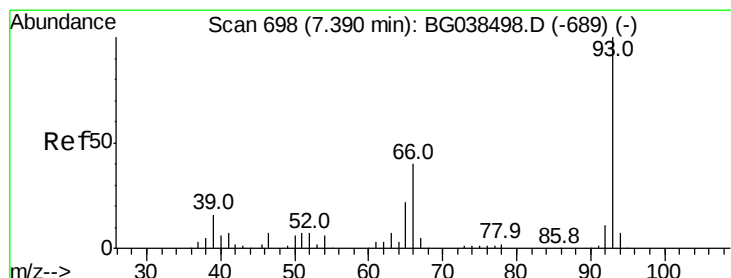
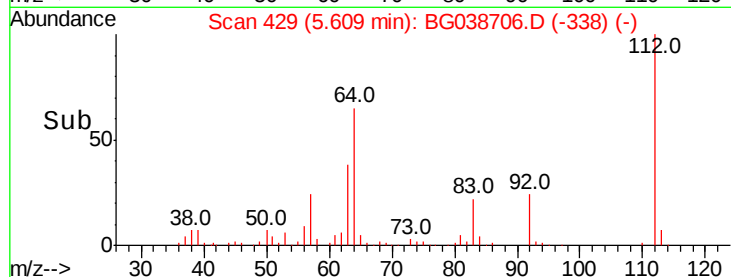
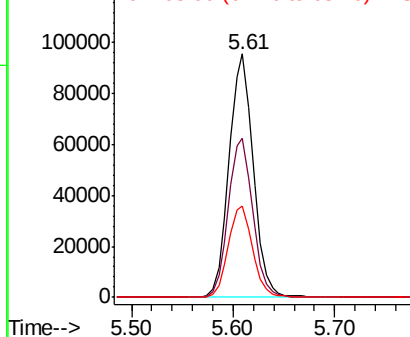
Tot Ion:	112	Resp:	158585
Ion Ratio	Lower	Upper	
112	100		
64	65.3	53.4	80.2
63	37.6	29.3	43.9

Manual Integrations
APPROVED

Sohil
12/19/2018 4:12:29 PM



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



#6

Aniline

Concen: 31.721 ng

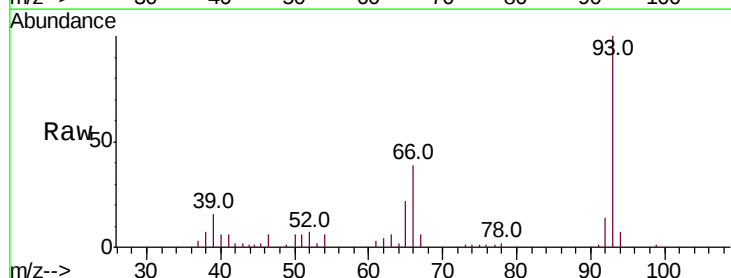
RT: 7.38 min Scan# 731

Delta R.T. -0.01 min

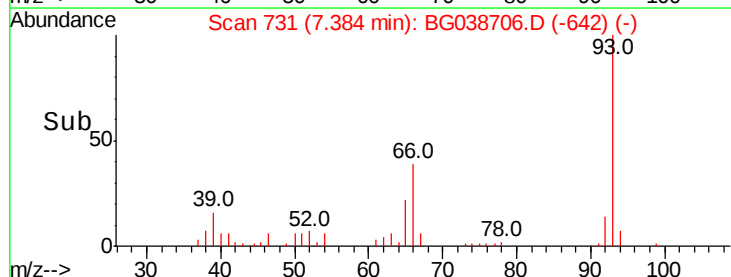
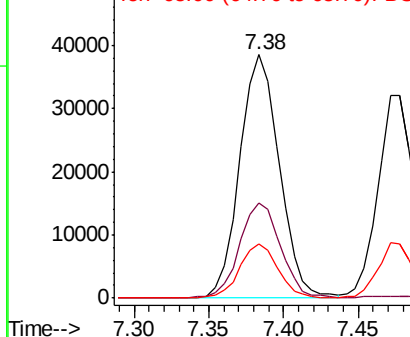
Lab File: BG038706.D

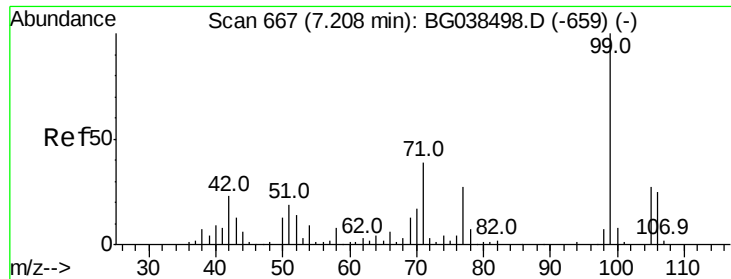
Acq: 18 Dec 2018 22:36

Tgt Ion:	93	Resp:	70735
Ion Ratio	Lower	Upper	
93	100		
66	39.1	31.7	47.5
65	22.2	17.8	26.6



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





#7

Phenol-d6

Concen: 122.198 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG038706.D

Acq: 18 Dec 2018 22:36

Instrument :

BNA_G

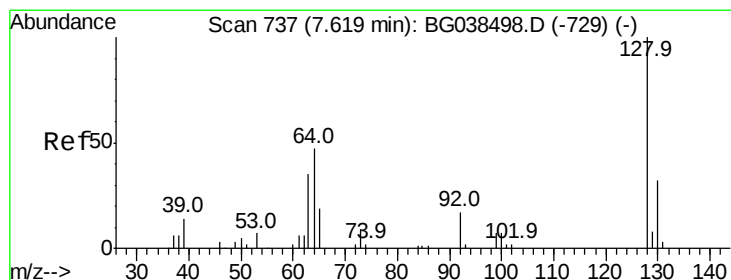
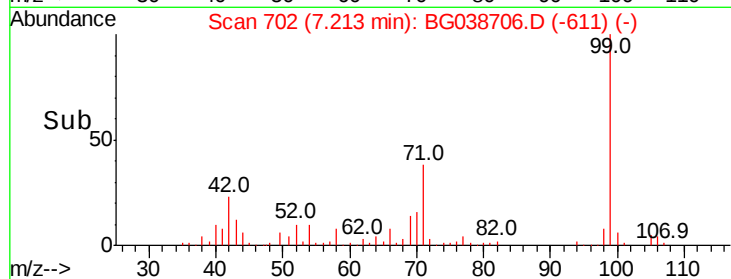
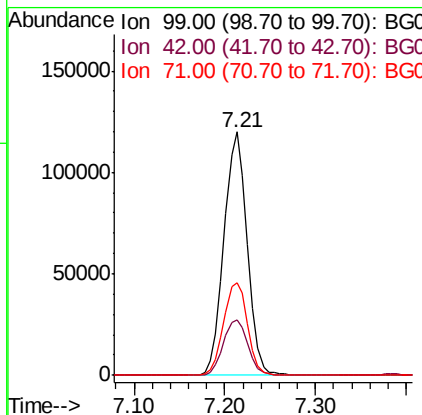
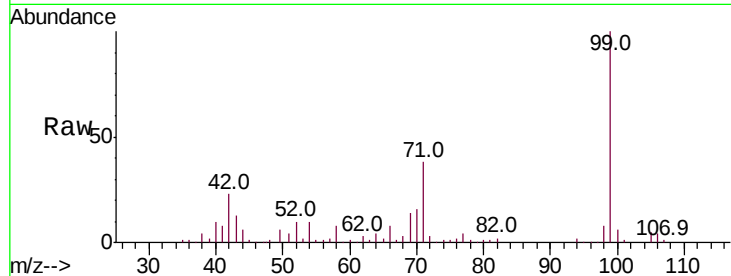
ClientSampleId :

PB115759BS

Tot Ion:	99	Resp:	213460
Ion Ratio	Lower	Upper	
99	100		
42	23.0	18.5	27.7
71	38.2	31.1	46.7

Manual Integrations
APPROVED

Sohil
12/19/2018 4:12:29 PM



#8

2-Chlorophenol

Concen: 44.752 ng

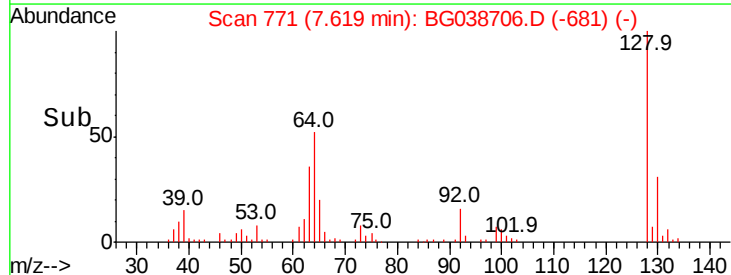
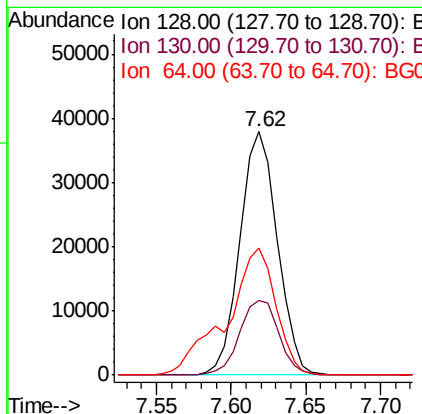
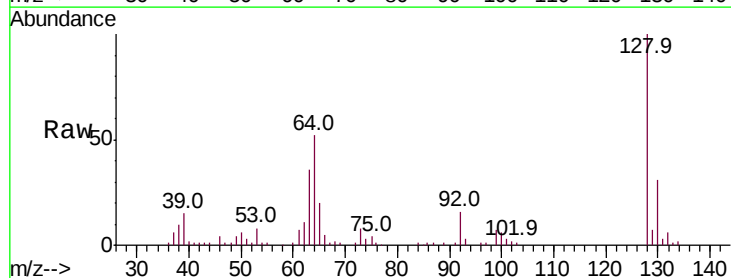
RT: 7.62 min Scan# 771

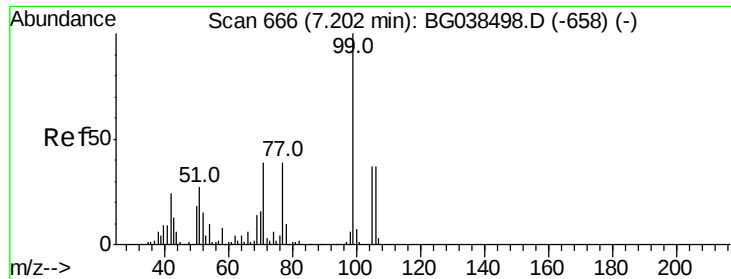
Delta R.T. -0.00 min

Lab File: BG038706.D

Acq: 18 Dec 2018 22:36

Tgt Ion:	128	Resp:	65899
Ion Ratio	Lower	Upper	
128	100		
130	30.9	11.8	51.8
64	52.3	33.2	73.2





#9

Benzaldehyde

Concen: 18.829 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG038706.D

Acq: 18 Dec 2018 22:36

Instrument :

BNA_G

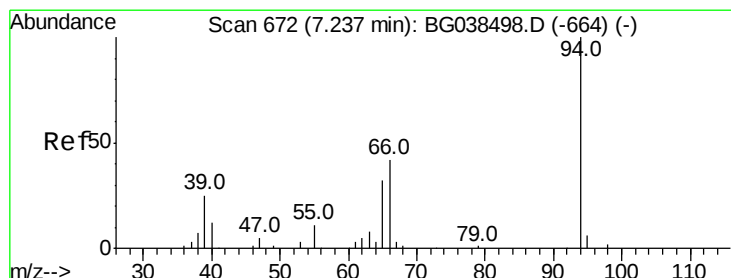
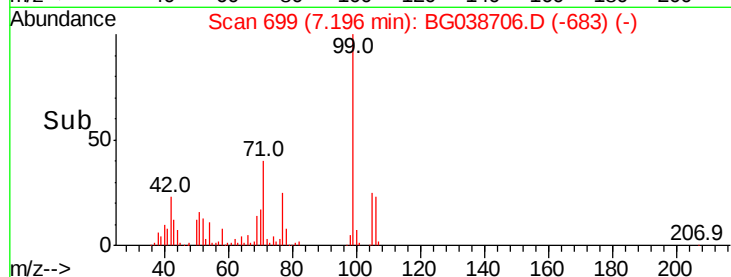
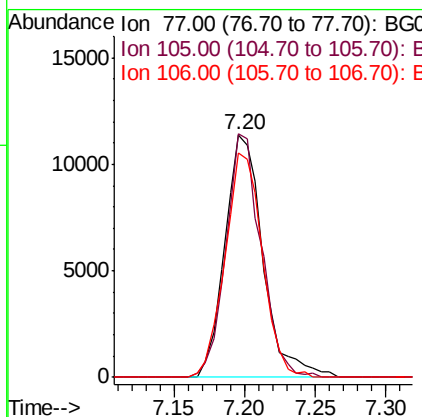
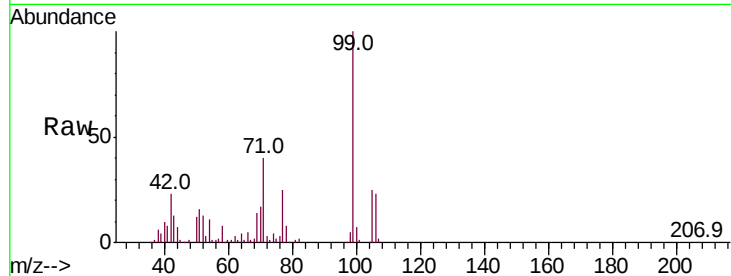
ClientSampleId :

PB115759BS

Tot Ion:	77	Resp:	21337
Ion Ratio	Lower	Upper	
77	100		
105	100.3	74.0	114.0
106	92.3	73.9	113.9

Manual Integrations
APPROVED

Sohil
12/19/2018 4:12:29 PM



#10

Phenol

Concen: 45.818 ng

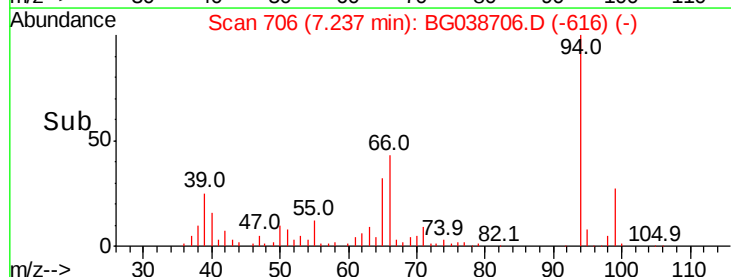
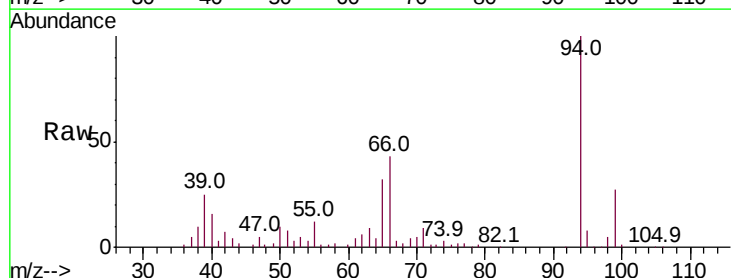
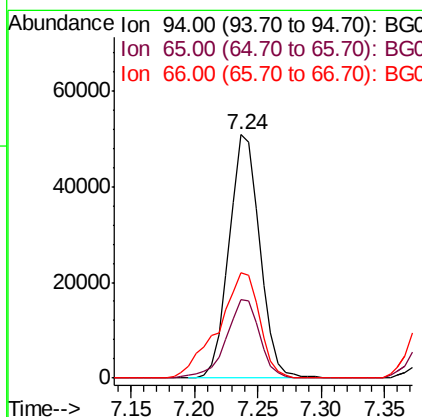
RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG038706.D

Acq: 18 Dec 2018 22:36

Tgt Ion:	94	Resp:	85030
Ion Ratio	Lower	Upper	
94	100		
65	32.1	12.6	52.6
66	43.3	24.1	64.1





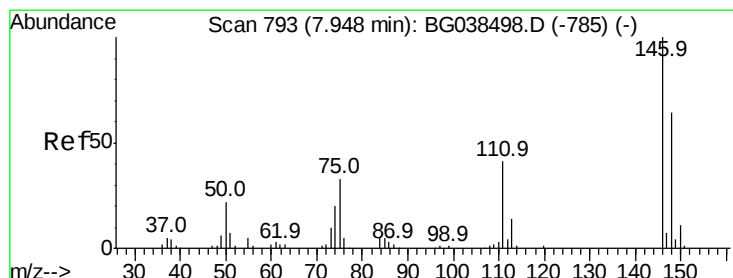
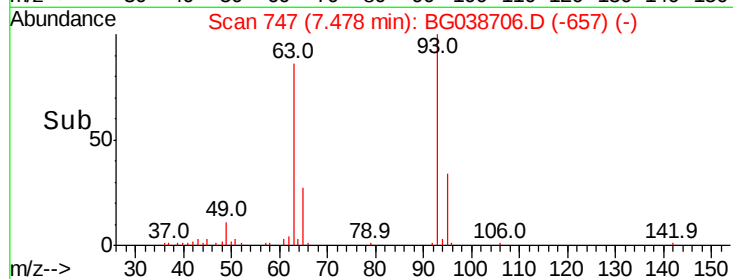
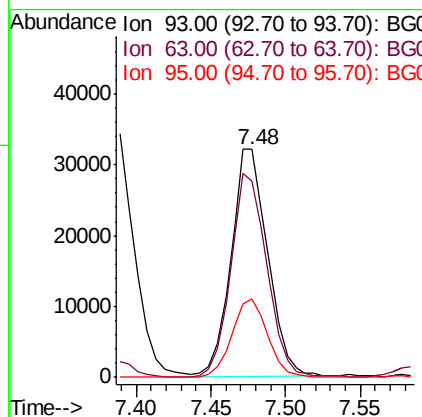
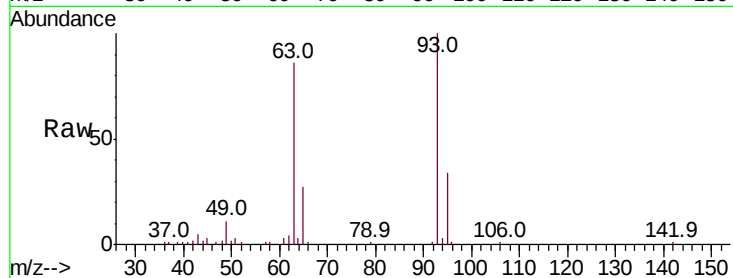
#11
bis(2-Chloroethyl)ether
Concen: 36.893 ng
RT: 7.48 min Scan# 747
Delta R.T. -0.00 min
Lab File: BG038706.D
Acq: 18 Dec 2018 22:36

Instrument :
BNA_G
ClientSampleId :
PB115759BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	86.0	72.2	112.2
95	34.4	11.2	51.2

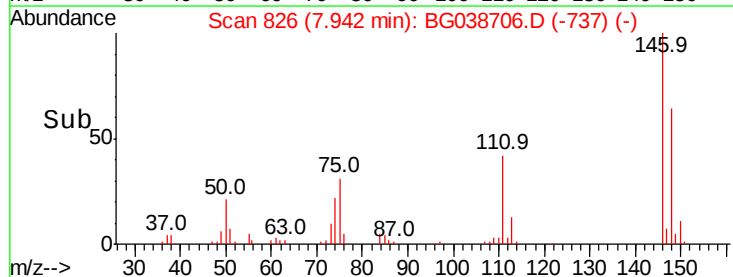
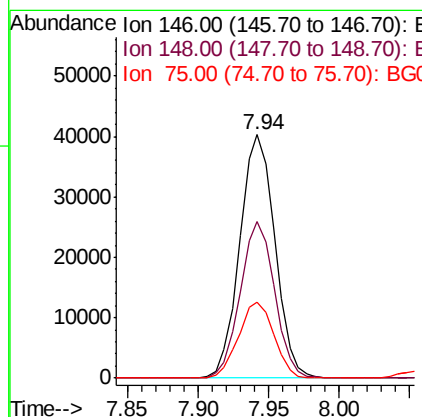
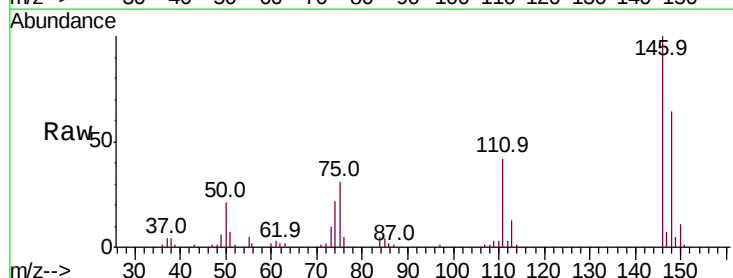
Manual Integrations
APPROVED

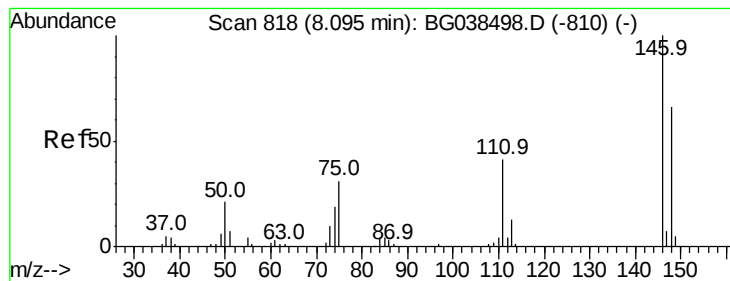
Sohil
12/19/2018 4:12:29 PM



#12
1,3-Dichlorobenzene
Concen: 40.250 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG038706.D
Acq: 18 Dec 2018 22:36

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.4	77.0
75	31.0	26.1	39.1





#13

1,4-Dichlorobenzene

Concen: 40.180 ng

RT: 8.09 min Scan# 852

Delta R.T. -0.00 min

Lab File: BG038706.D

Acq: 18 Dec 2018 22:36

Instrument :

BNA_G

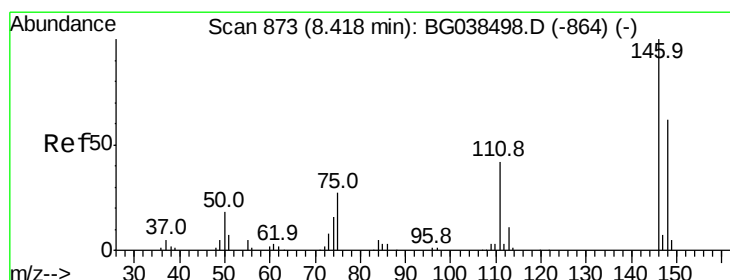
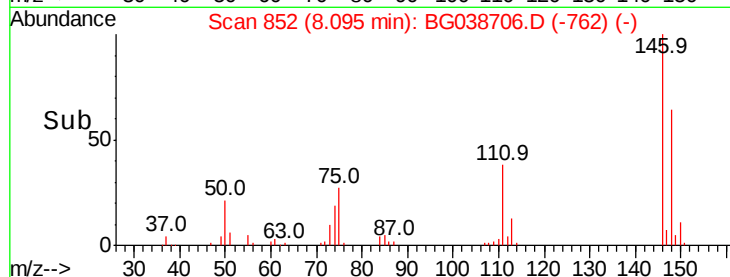
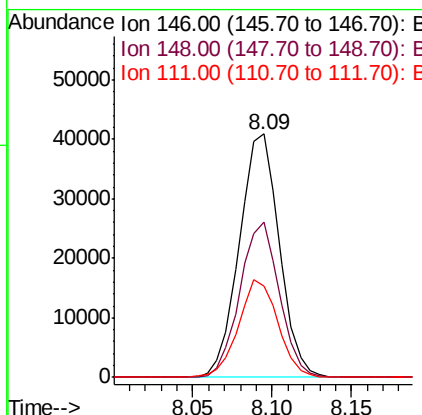
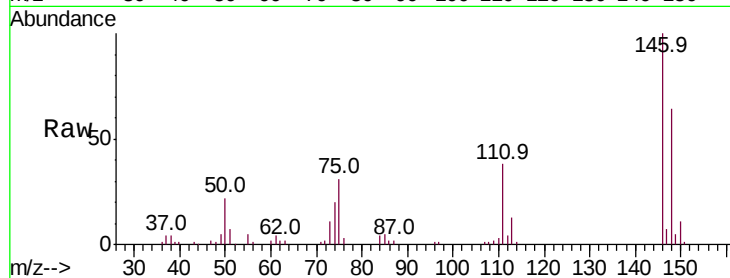
ClientSampled :

PB115759BS

Tot Ion:	146	Resp:	71647
Ion Ratio	Lower	Upper	
146	100		
148	63.9	52.4	78.6
111	37.5	33.0	49.4

Manual Integrations
APPROVED

Sohil
12/19/2018 4:12:29 PM



#14

1,2-Dichlorobenzene

Concen: 39.972 ng

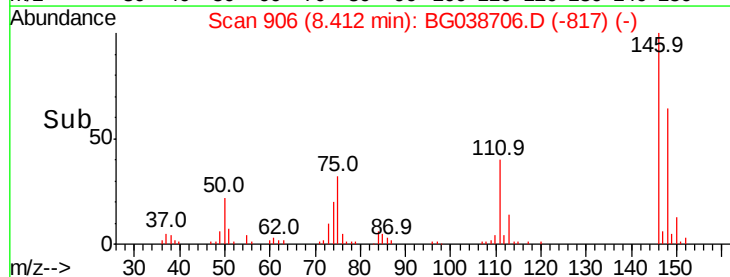
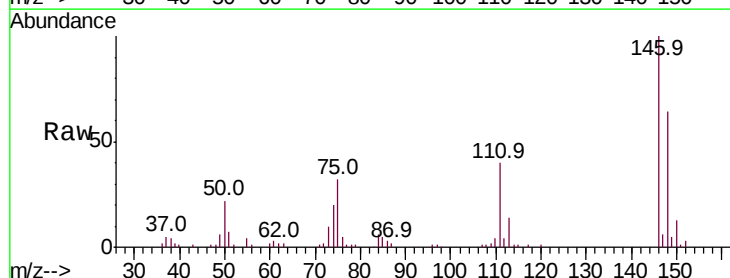
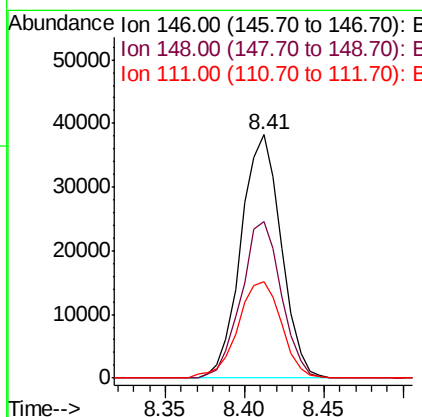
RT: 8.41 min Scan# 906

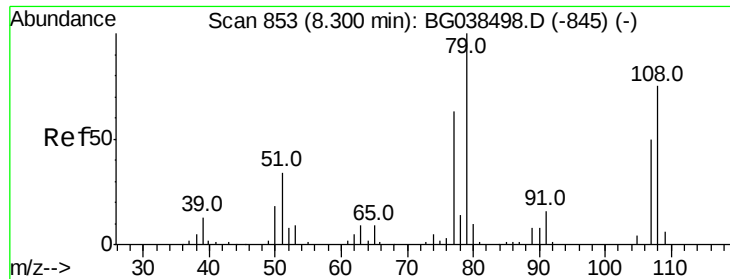
Delta R.T. -0.01 min

Lab File: BG038706.D

Acq: 18 Dec 2018 22:36

Tgt Ion:	146	Resp:	67196
Ion Ratio	Lower	Upper	
146	100		
148	64.3	49.4	74.0
111	39.6	33.8	50.6





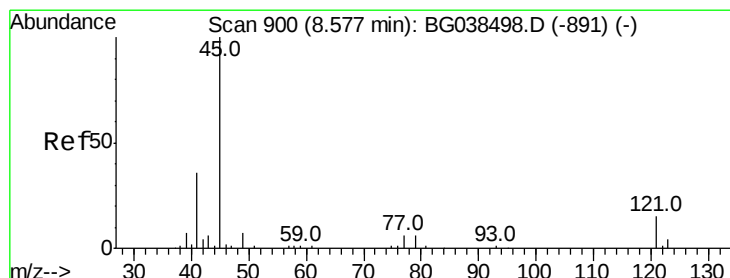
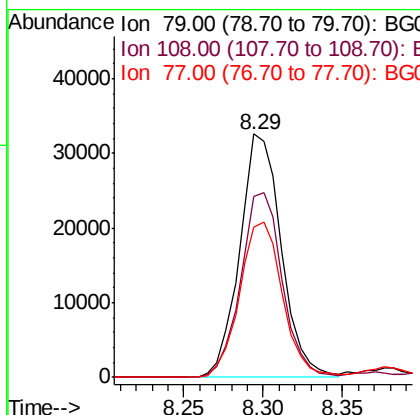
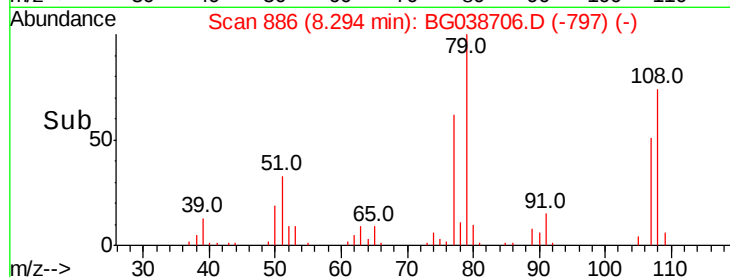
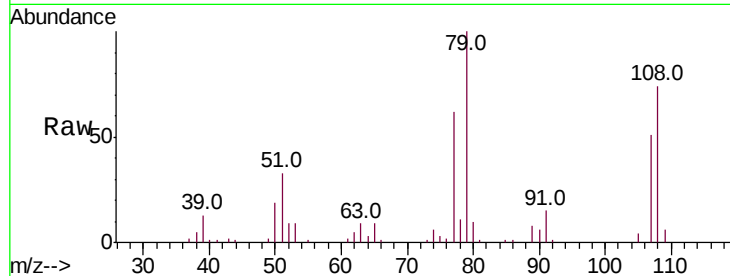
#15
Benzyl Alcohol
Concen: 43.468 ng
RT: 8.29 min Scan# 886
Delta R.T. -0.01 min
Lab File: BG038706.D
Acq: 18 Dec 2018 22:36

Instrument :
BNA_G
ClientSampleId :
PB115759BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	74.2	60.2	90.4
77	61.6	50.7	76.1

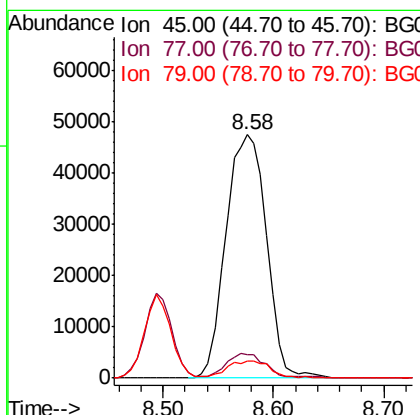
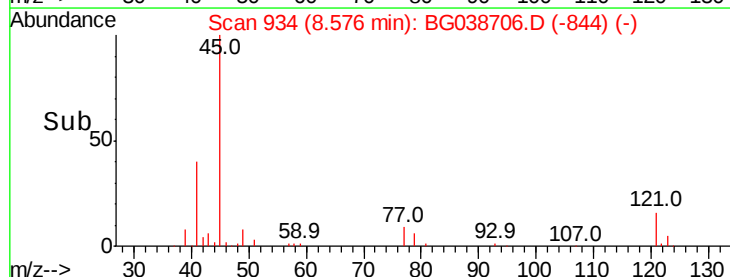
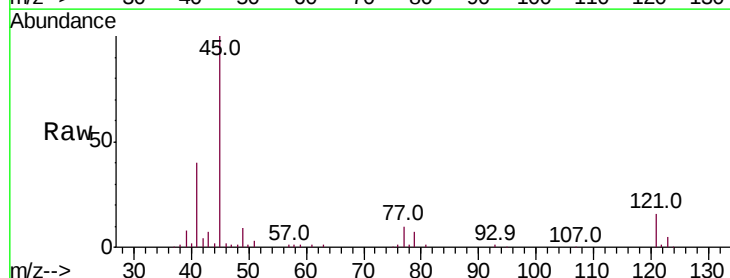
Manual Integrations
APPROVED

Sohil
12/19/2018 4:12:29 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.103 ng
RT: 8.58 min Scan# 934
Delta R.T. -0.00 min
Lab File: BG038706.D
Acq: 18 Dec 2018 22:36

Tgt Ion	Ratio	Lower	Upper
45	100		
77	9.7	0.0	28.2
79	7.0	0.0	27.2





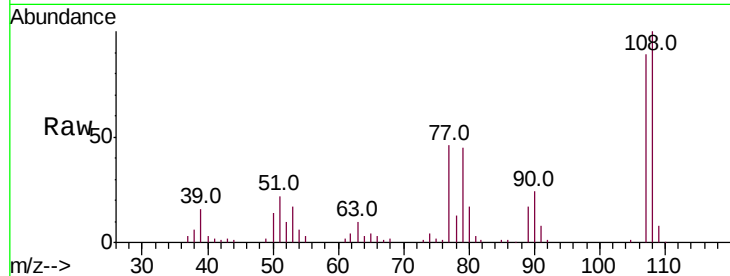
#17
2-Methylphenol
Concen: 45.682 ng
RT: 8.49 min Scan# 920
Delta R.T. -0.00 min
Lab File: BG038706.D
Acq: 18 Dec 2018 22:36

Instrument :
BNA_G
ClientSampleID :
PB115759BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.9	87.1	130.7	
77	52.2	42.0	63.0	
79	51.0	38.2	57.2	

Manual Integrations
APPROVED

Sohil
12/19/2018 4:12:29 PM



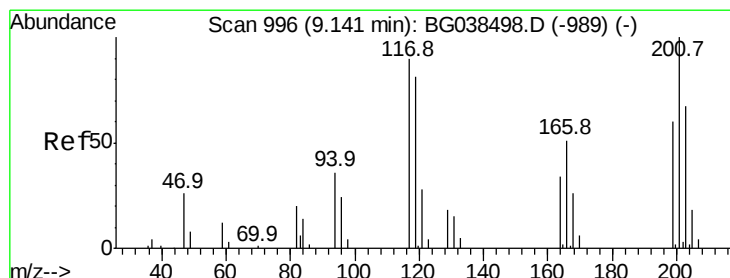
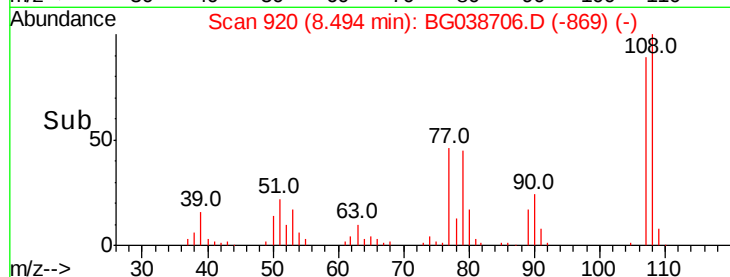
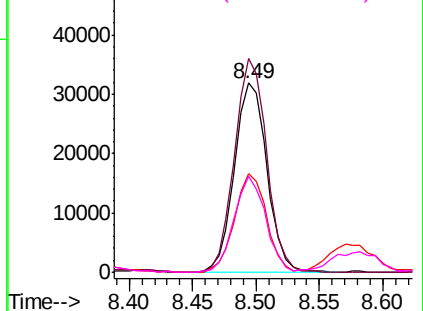
Abundance

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: 39.215 ng
RT: 9.13 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG038706.D
Acq: 18 Dec 2018 22:36

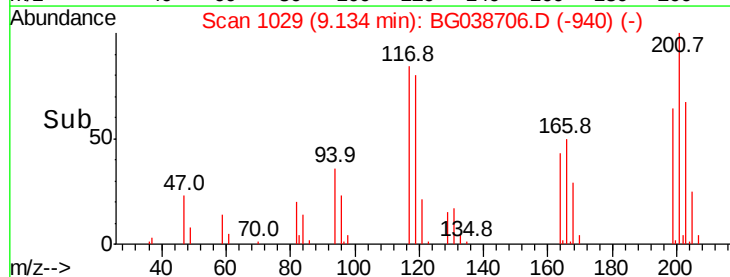
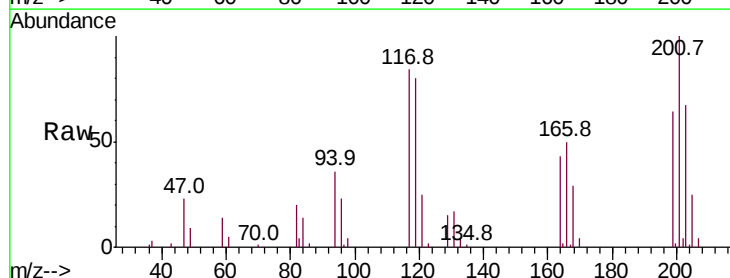
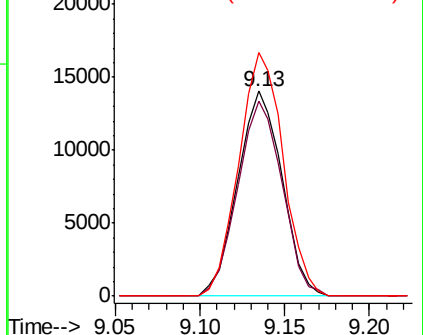
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.3	73.8	110.8	
201	118.7	89.4	134.0	

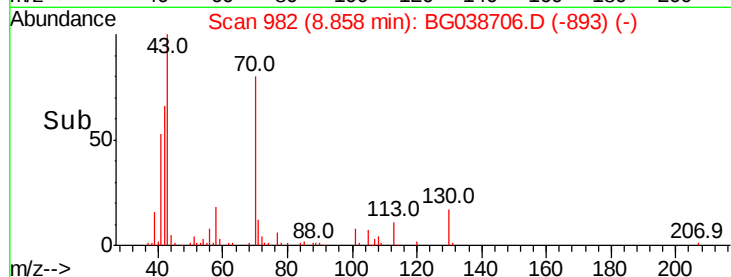
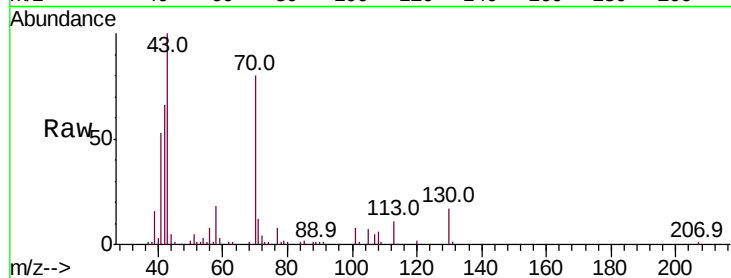
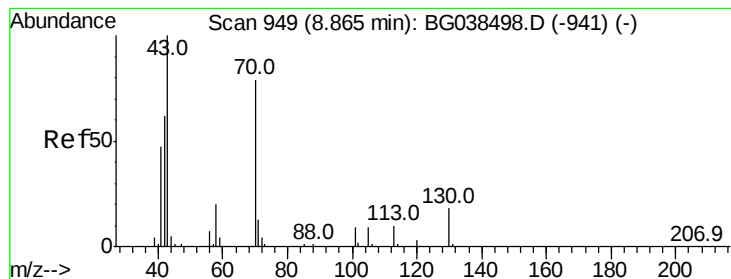
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 37.242 ng

RT: 8.86 min Scan# 982

Delta R.T. -0.01 min

Lab File: BG038706.D

Acq: 18 Dec 2018 22:36

Instrument :

BNA_G

ClientSampleId :

PB115759BS

Tot Ion: 70 Resp: 45692

Ion Ratio Lower Upper

70 100

42 82.5 63.6 95.4

101 9.8 9.2 13.8

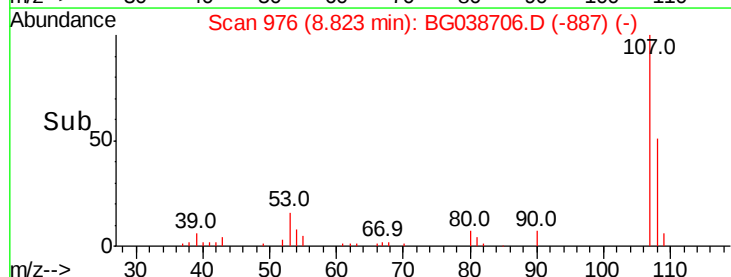
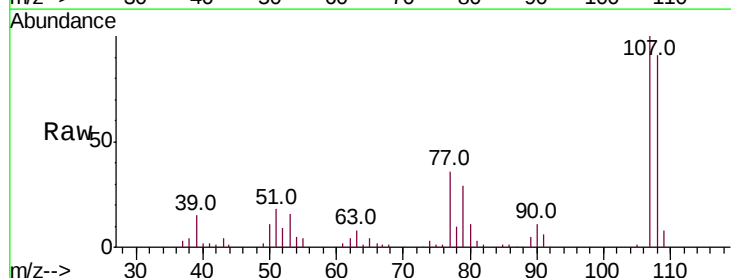
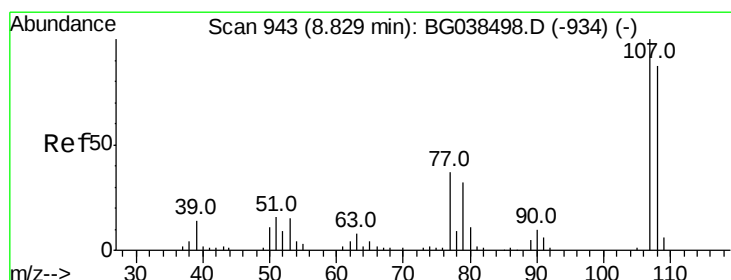
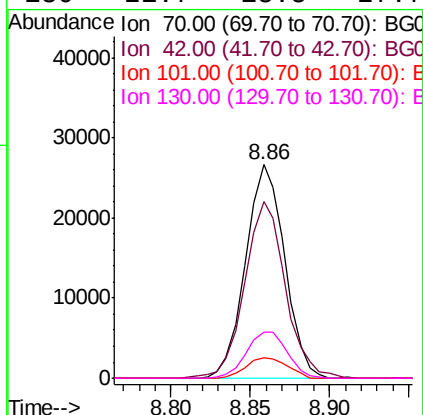
130 21.7 18.5 27.7

Manual Integrations

APPROVED

Sohil

12/19/2018 4:12:29 PM



#20

3+4-Methylphenols

Concen: 44.615 ng

RT: 8.82 min Scan# 976

Delta R.T. -0.01 min

Lab File: BG038706.D

Acq: 18 Dec 2018 22:36

Tgt Ion: 107 Resp: 76612

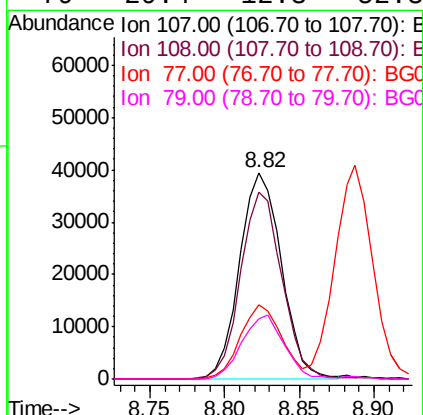
Ion Ratio Lower Upper

107 100

108 90.8 66.7 106.7

77 35.8 17.3 57.3

79 29.4 12.3 52.3





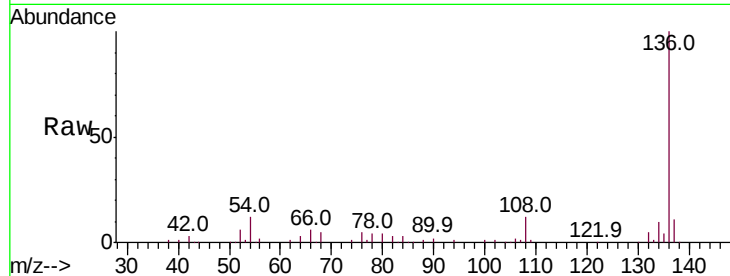
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG038706.D
Acq: 18 Dec 2018 22:36

Instrument :
BNA_G
ClientSampleId :
PB115759BS

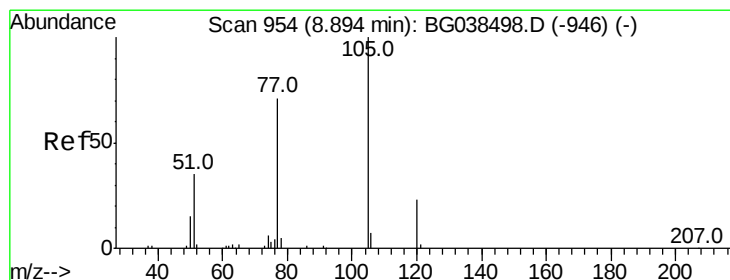
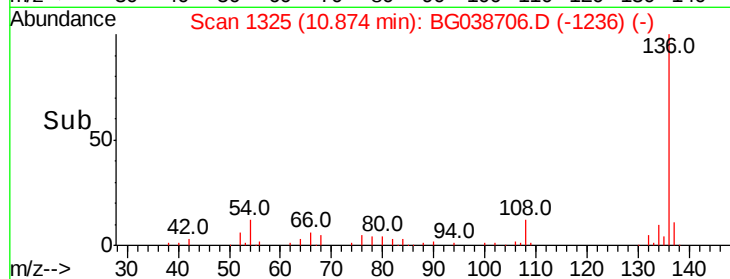
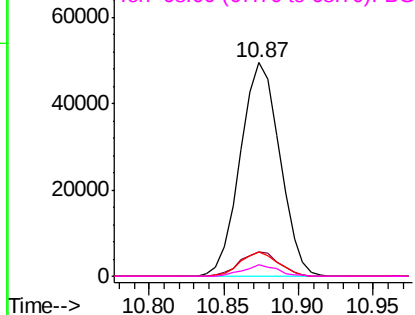
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	9.3	13.9	
54	11.6	8.5	12.7	
68	5.3	3.5	5.3	

Manual Integrations
APPROVED

Sohil
12/19/2018 4:12:29 PM



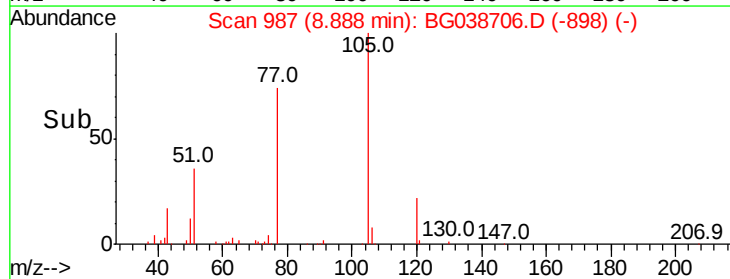
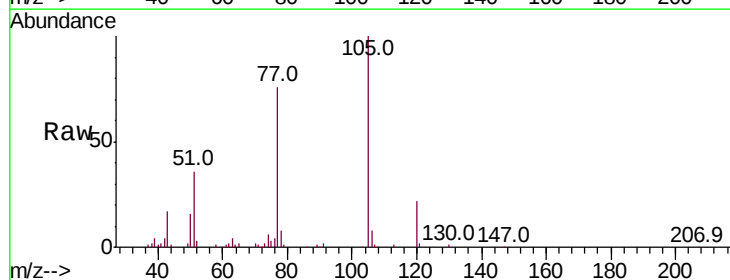
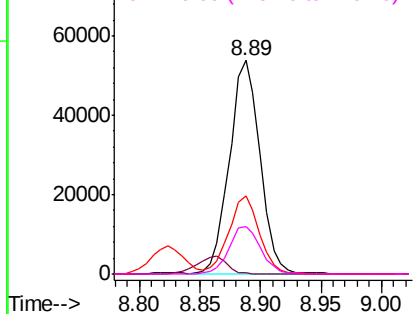
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

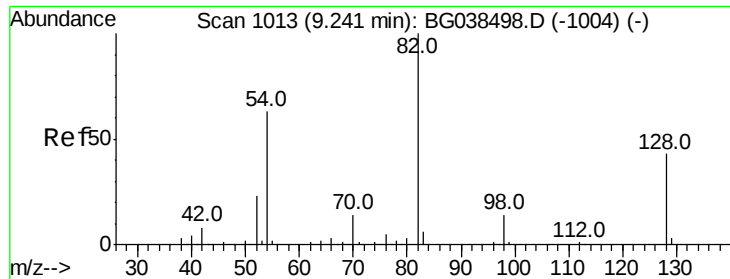


#22
Acetophenone
Concen: 41.849 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BG038706.D
Acq: 18 Dec 2018 22:36

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.5	0.4	0.6	
51	36.5	30.6	46.0	
120	22.1	18.6	28.0	

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E





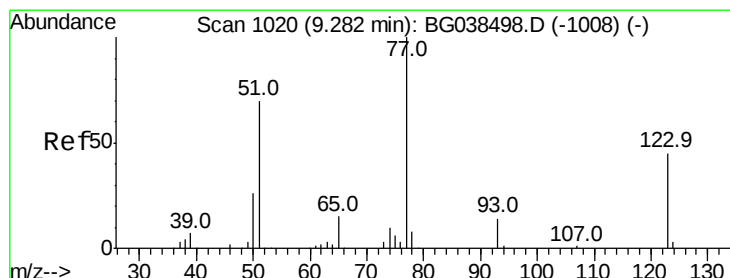
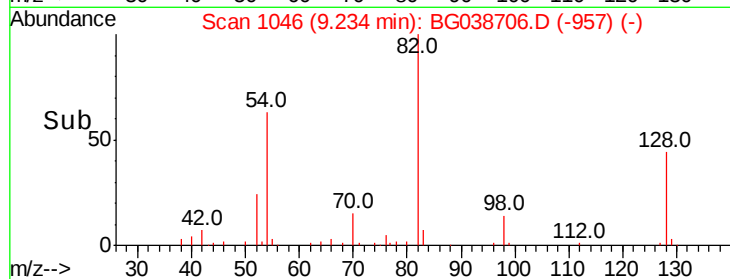
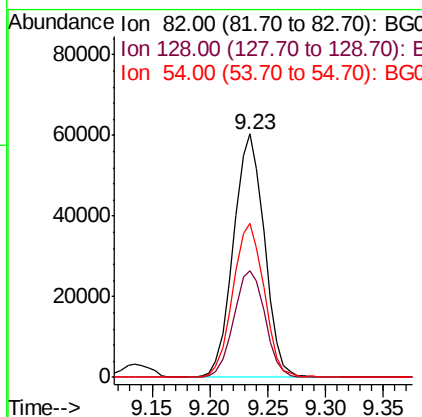
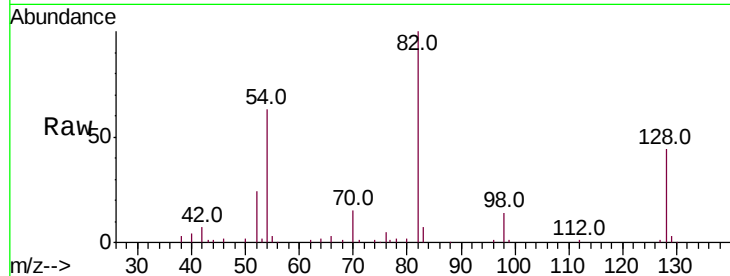
#23
Nitrobenzene-d5
Concen: 62.916 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038706.D
Acq: 18 Dec 2018 22:36

Instrument :
BNA_G
ClientSampleId :
PB115759BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.6	34.6	52.0
54	63.1	50.6	76.0

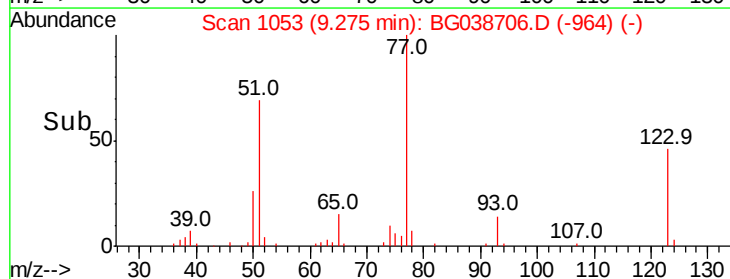
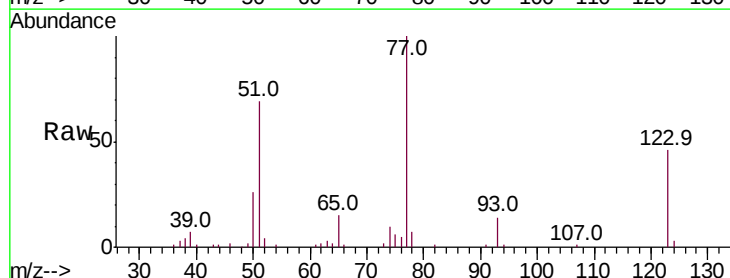
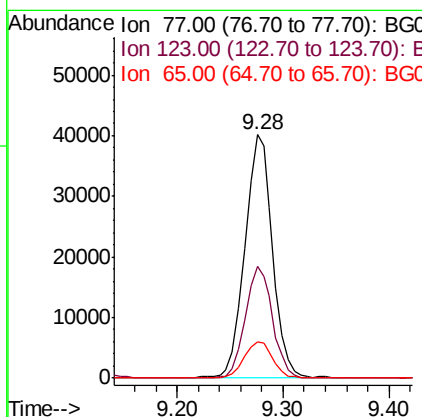
Manual Integrations
APPROVED

Sohil
12/19/2018 4:12:29 PM



#24
Nitrobenzene
Concen: 40.422 ng
RT: 9.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BG038706.D
Acq: 18 Dec 2018 22:36

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.7	35.9	53.9
65	14.8	12.0	18.0





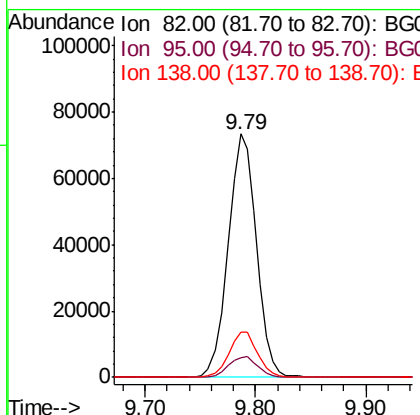
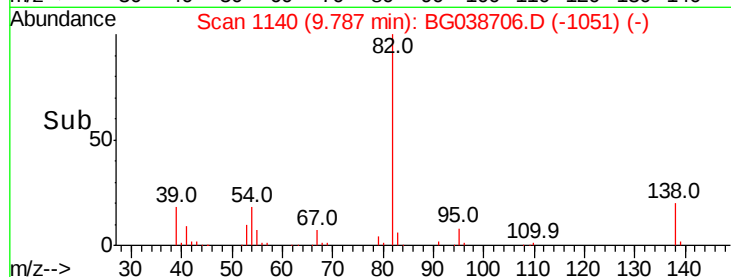
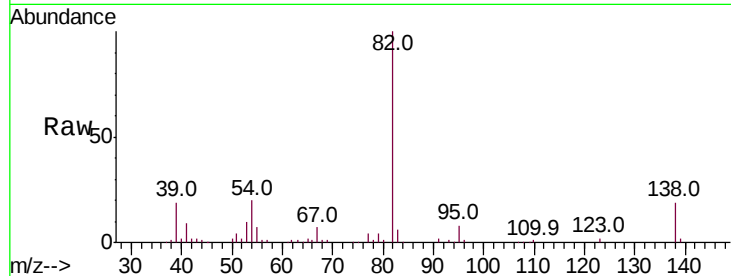
#25
Isophorone
Concen: 40.966 ng
RT: 9.79 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BG038706.D
Acq: 18 Dec 2018 22:36

Instrument :
BNA_G
ClientSampleId :
PB115759BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.8	6.1	9.1	
138	18.8	14.9	22.3	

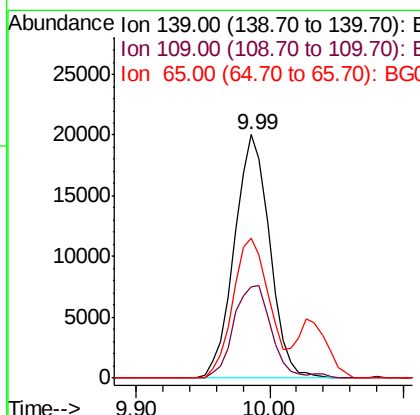
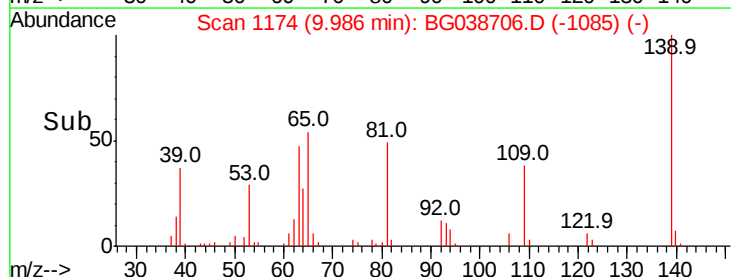
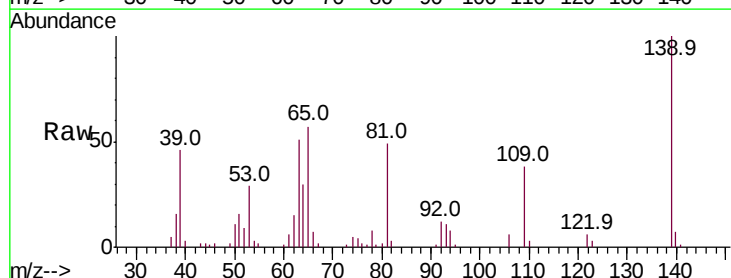
Manual Integrations
APPROVED

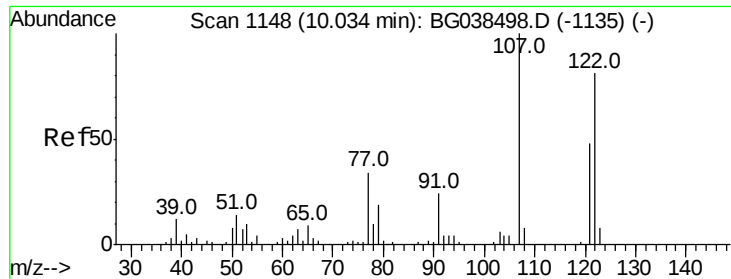
Sohil
12/19/2018 4:12:29 PM



#26
2-Nitrophenol
Concen: 39.783 ng
RT: 9.99 min Scan# 1174
Delta R.T. -0.01 min
Lab File: BG038706.D
Acq: 18 Dec 2018 22:36

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	37.7	29.5	44.3	
65	57.5	48.5	72.7	





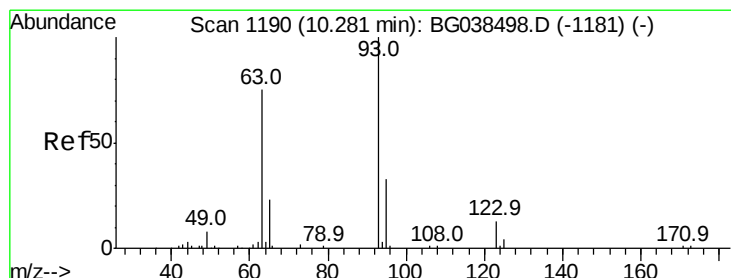
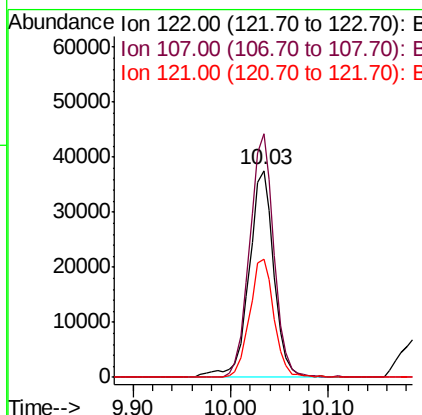
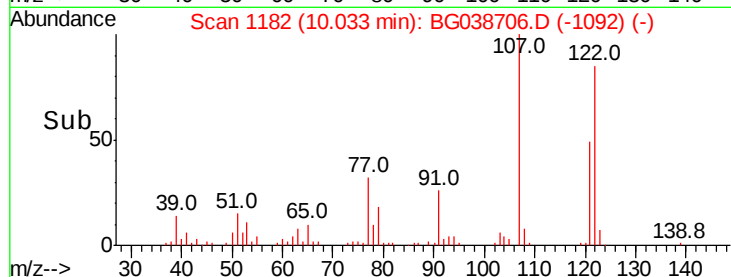
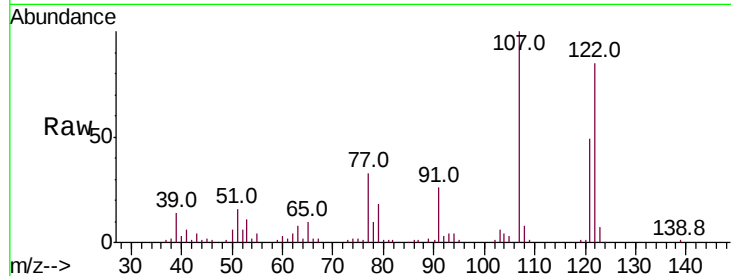
#27
2,4-Dimethylphenol
Concen: 50.882 ng
RT: 10.03 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BG038706.D
Acq: 18 Dec 2018 22:36

Instrument :
BNA_G
ClientSampleId :
PB115759BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	117.6	98.4	147.6
121	57.4	47.2	70.8

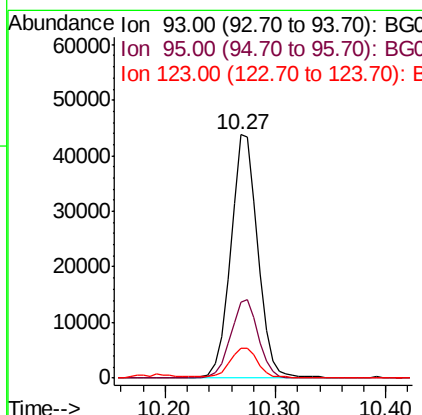
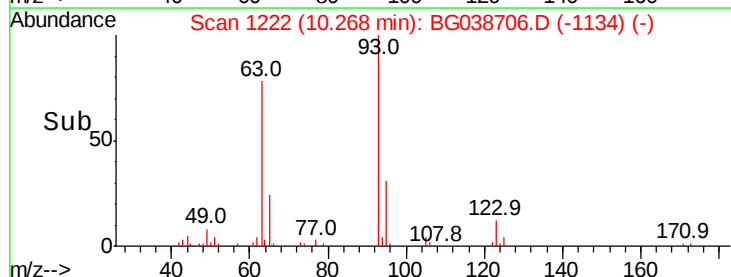
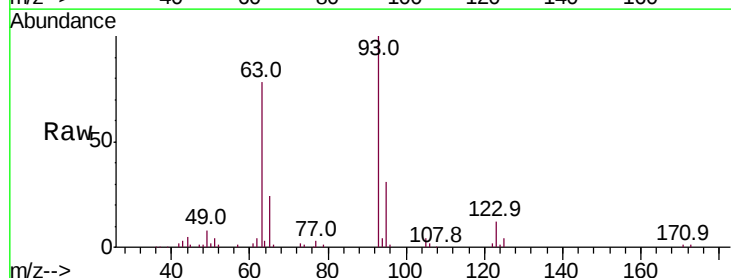
Manual Integrations
APPROVED

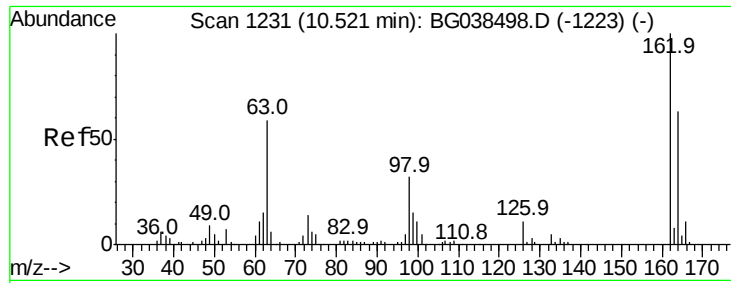
Sohil
12/19/2018 4:12:29 PM



#28
bis(2-Chloroethoxy)methane
Concen: 41.736 ng
RT: 10.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BG038706.D
Acq: 18 Dec 2018 22:36

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.2	26.6	40.0
123	12.4	10.6	16.0





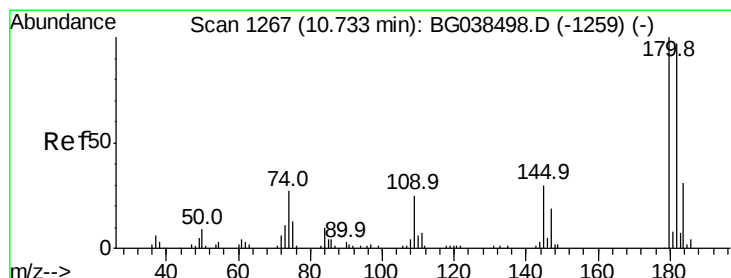
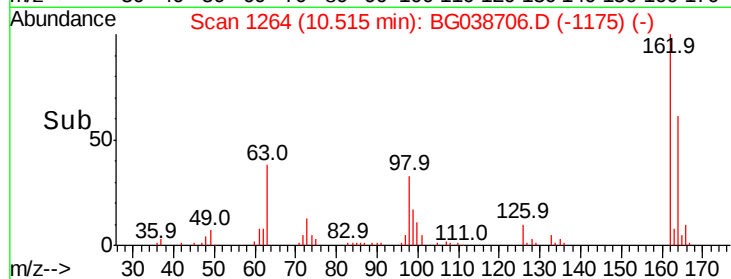
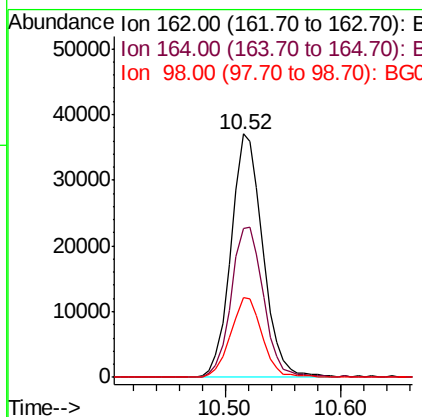
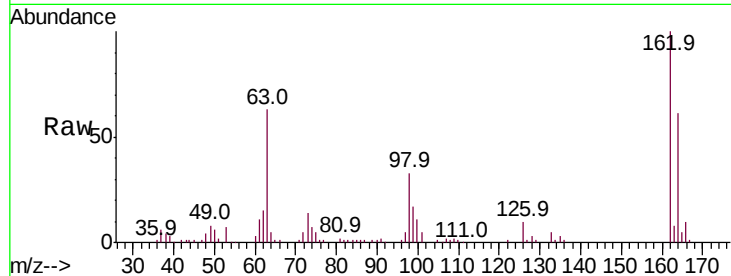
#29
 2,4-Dichlorophenol
 Concen: 47.976 ng
 RT: 10.52 min Scan# 1264
 Delta R.T. -0.01 min
 Lab File: BG038706.D
 Acq: 18 Dec 2018 22:36

Instrument :
 BNA_G
 ClientSampleId :
 PB115759BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	61.0	42.9	82.9	
98	32.9	12.1	52.1	

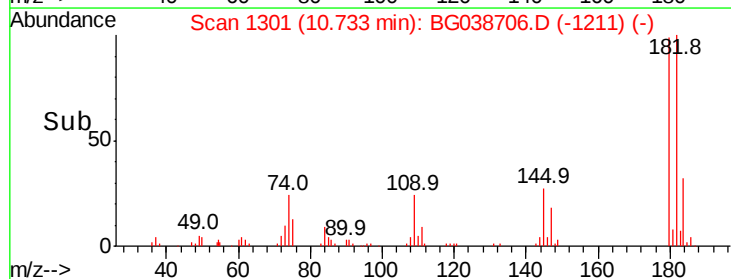
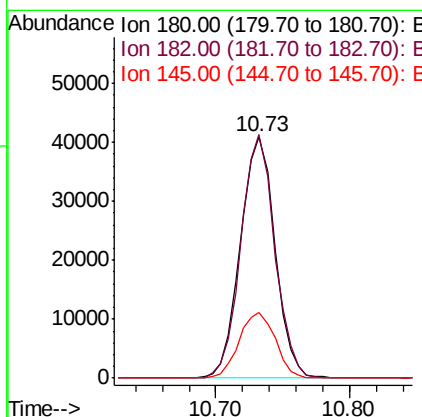
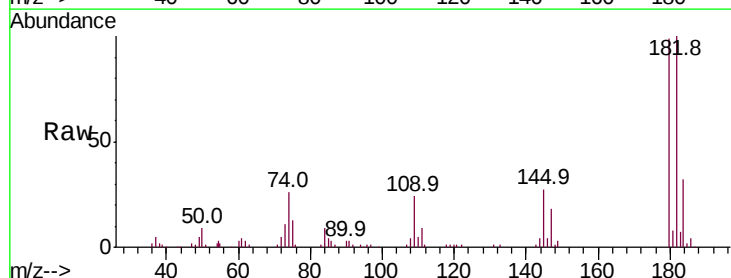
Manual Integrations
 APPROVED

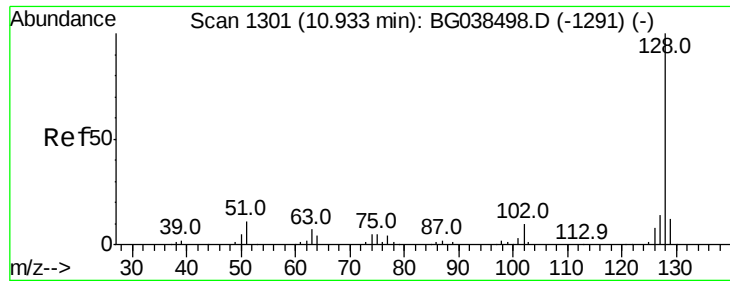
Sohil
 12/19/2018 4:12:29 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 41.266 ng
 RT: 10.73 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: BG038706.D
 Acq: 18 Dec 2018 22:36

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	101.0	77.4	116.0	
145	27.3	24.1	36.1	





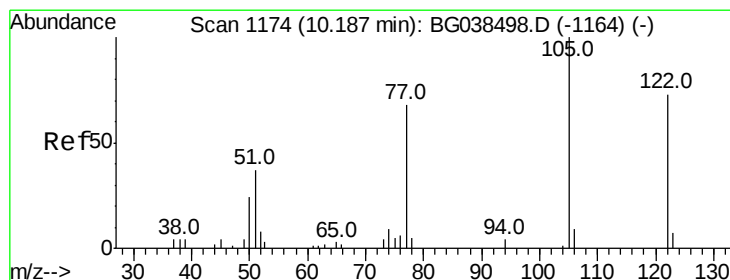
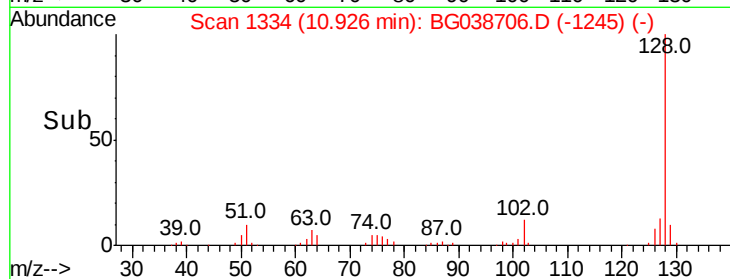
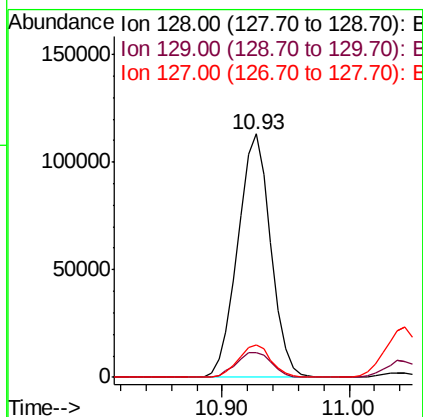
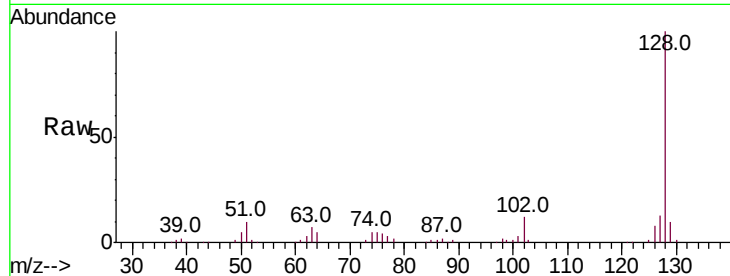
#31
Naphthalene
Concen: 45.453 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG038706.D
Acq: 18 Dec 2018 22:36

Instrument :
BNA_G
ClientSampleId :
PB115759BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.3	9.5	14.3
127	13.4	10.9	16.3

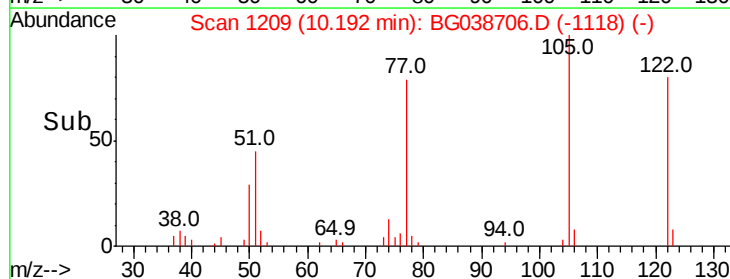
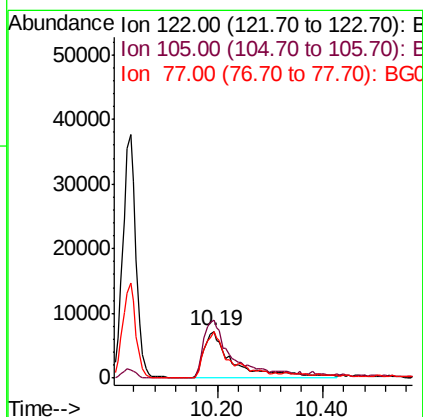
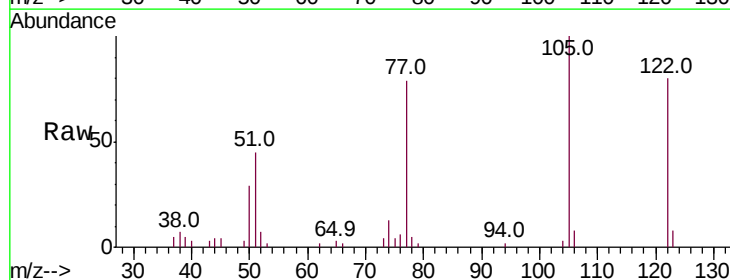
Manual Integrations
APPROVED

Sohil
12/19/2018 4:12:29 PM



#32
Benzoic acid
Concen: 37.497 ng m
RT: 10.19 min Scan# 1209
Delta R.T. 0.01 min
Lab File: BG038706.D
Acq: 18 Dec 2018 22:36

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.3	116.7	156.7
77	99.2	72.5	112.5





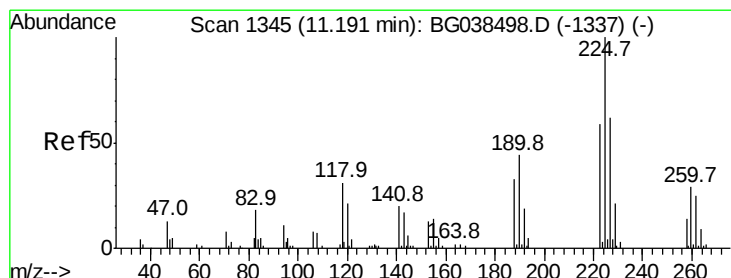
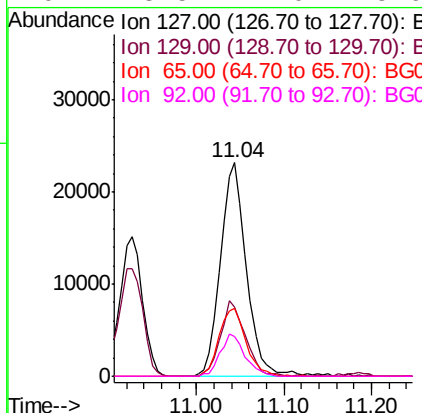
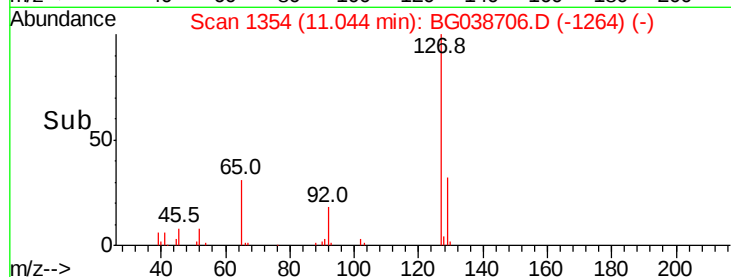
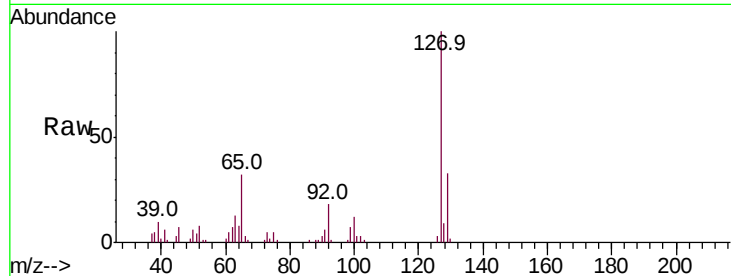
#33
4-Chloroaniline
Concen: 24.400 ng
RT: 11.04 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BG038706.D
Acq: 18 Dec 2018 22:36

Instrument :
BNA_G
ClientSampleId :
PB115759BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.8	38.8
65	31.8	27.8	41.6
92	18.5	17.0	25.6

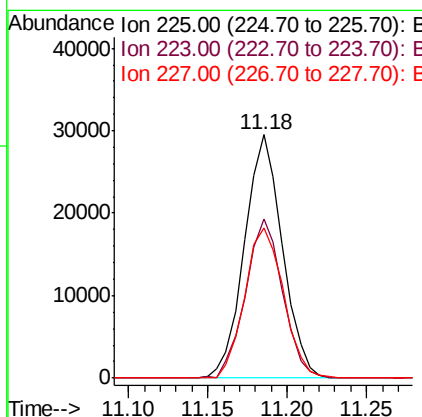
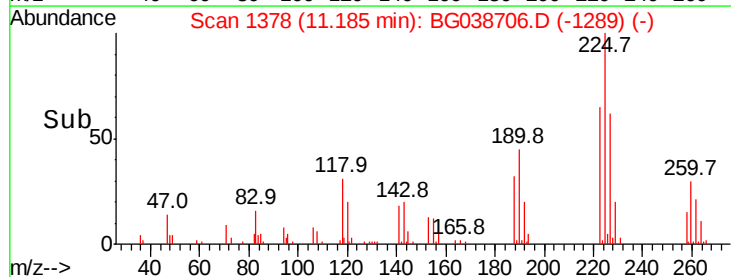
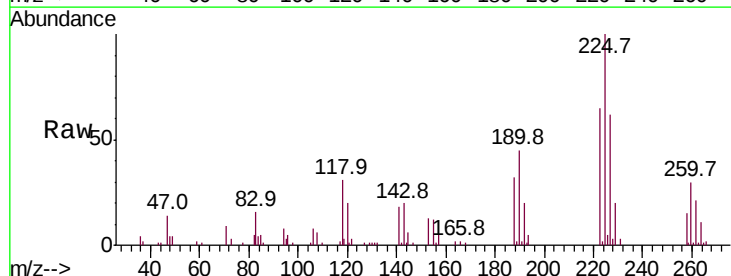
Manual Integrations
APPROVED

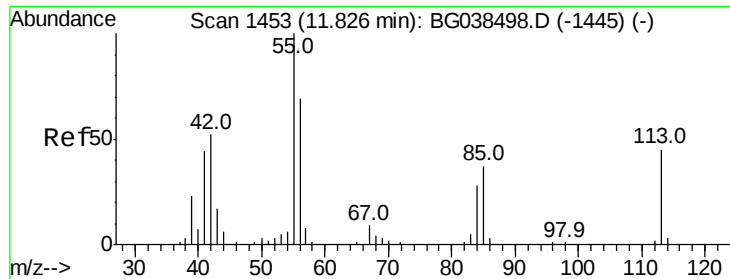
Sohil
12/19/2018 4:12:29 PM



#34
Hexachlorobutadiene
Concen: 40.876 ng
RT: 11.18 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BG038706.D
Acq: 18 Dec 2018 22:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	45.0	67.6
227	61.8	50.6	75.8





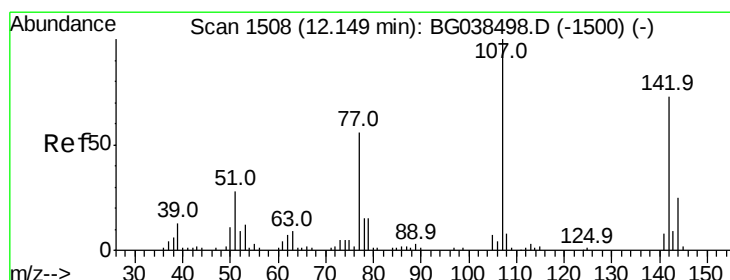
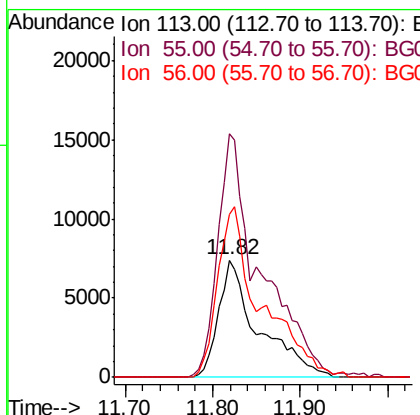
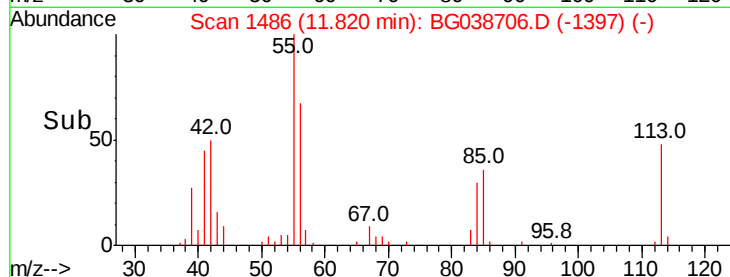
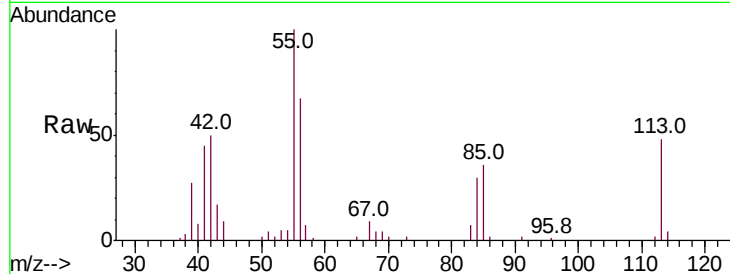
#35
Caprolactam
Concen: 38.394 ng
RT: 11.82 min Scan# 1486
Delta R.T. -0.01 min
Lab File: BG038706.D
Acq: 18 Dec 2018 22:36

Instrument :
BNA_G
ClientSampled :
PB115759BS

Tot Ion:113 Resp: 23328
Ion Ratio Lower Upper
113 100
55 208.2 204.3 244.3
56 139.2 135.0 175.0

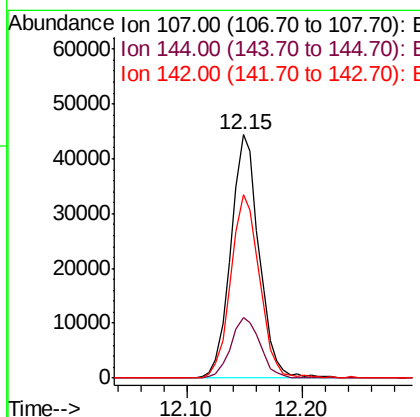
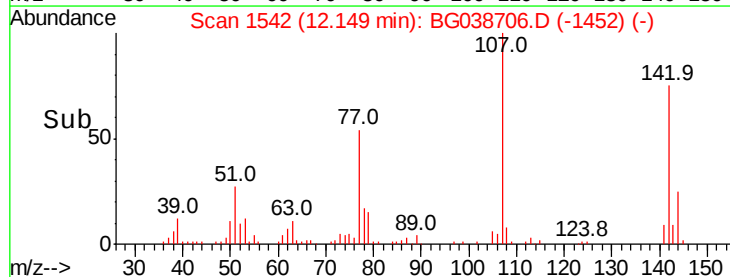
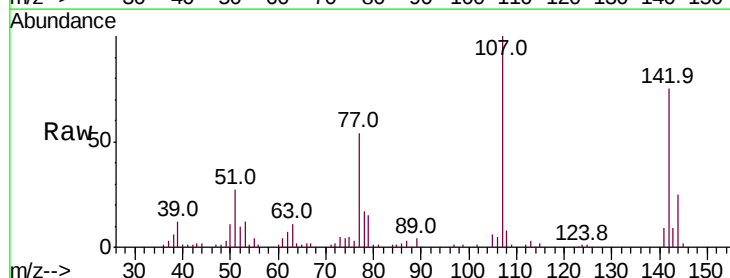
Manual Integrations
APPROVED

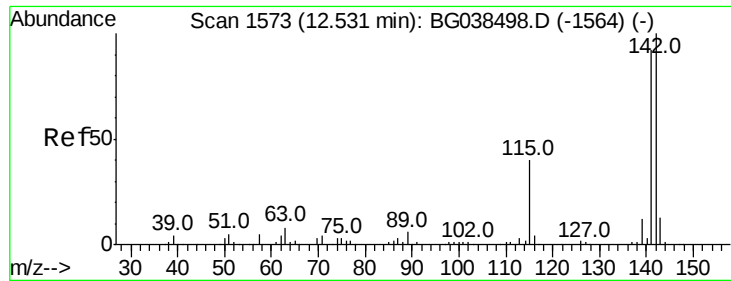
Sohil
12/19/2018 4:12:29 PM



#36
4-Chloro-3-methylphenol
Concen: 44.860 ng
RT: 12.15 min Scan# 1542
Delta R.T. -0.00 min
Lab File: BG038706.D
Acq: 18 Dec 2018 22:36

Tgt Ion:107 Resp: 75161
Ion Ratio Lower Upper
107 100
144 24.9 20.1 30.1
142 75.4 58.7 88.1





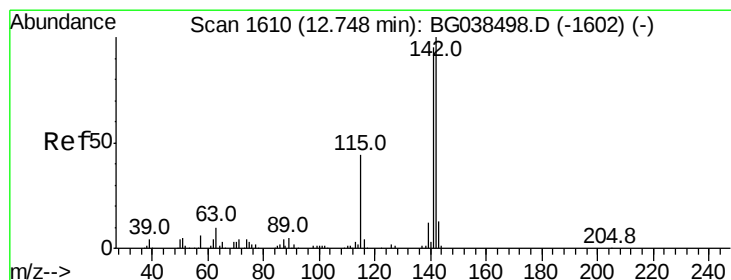
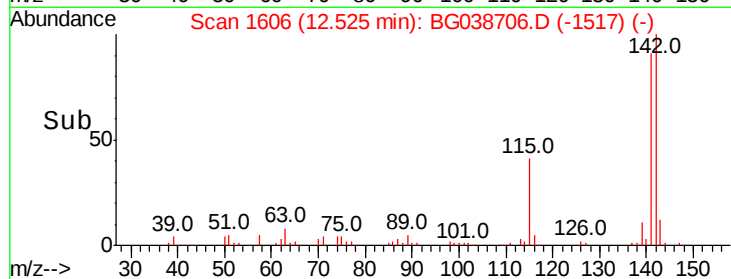
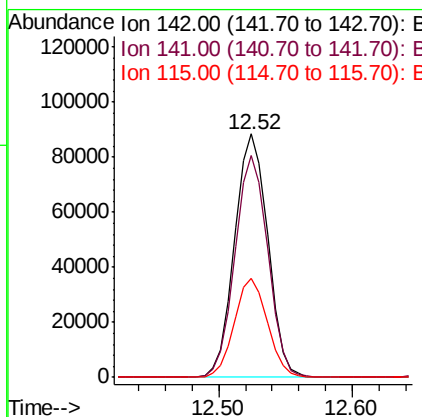
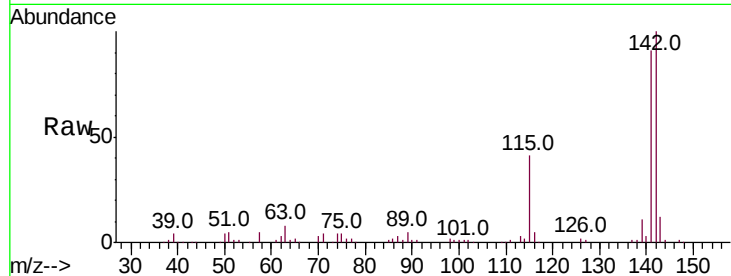
#37
2-Methylnaphthalene
Concen: 47.755 ng
RT: 12.52 min Scan# 1606
Delta R.T. -0.01 min
Lab File: BG038706.D
Acq: 18 Dec 2018 22:36

Instrument :
BNA_G
ClientSampleId :
PB115759BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.9	73.5	110.3
115	40.7	31.7	47.5

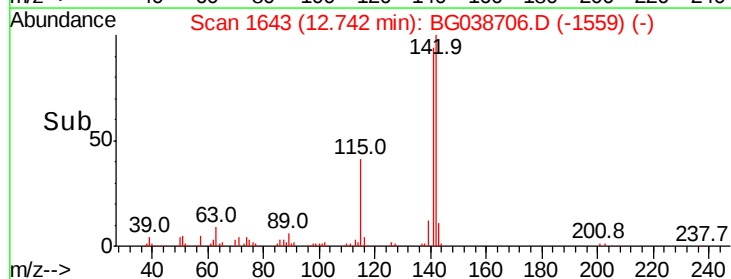
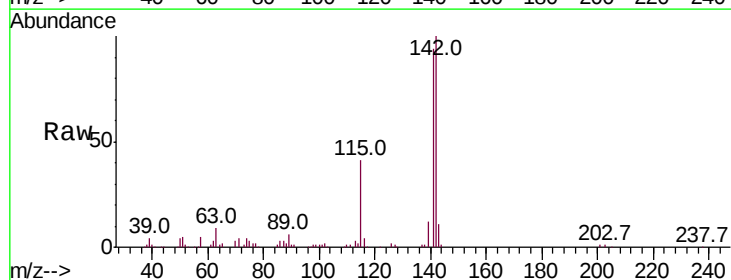
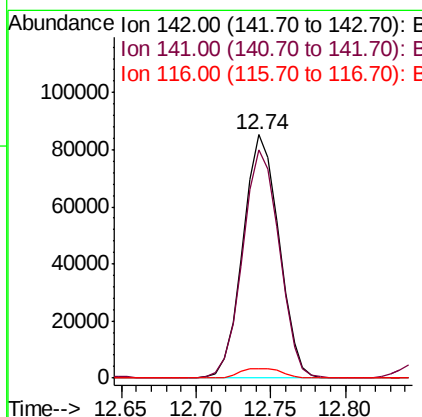
Manual Integrations
APPROVED

Sohil
12/19/2018 4:12:29 PM



#38
1-Methylnaphthalene
Concen: 46.041 ng
RT: 12.74 min Scan# 1643
Delta R.T. -0.01 min
Lab File: BG038706.D
Acq: 18 Dec 2018 22:36

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.8	75.8	113.8
116	3.7	3.6	5.4





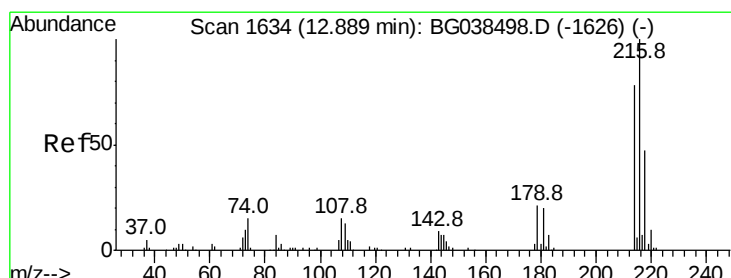
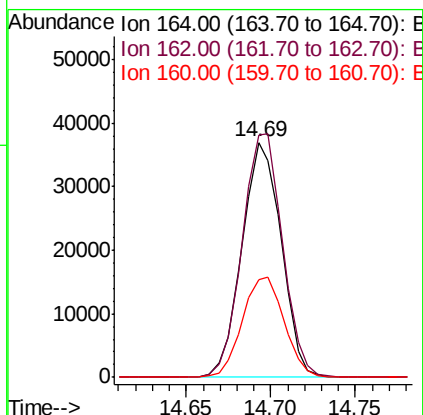
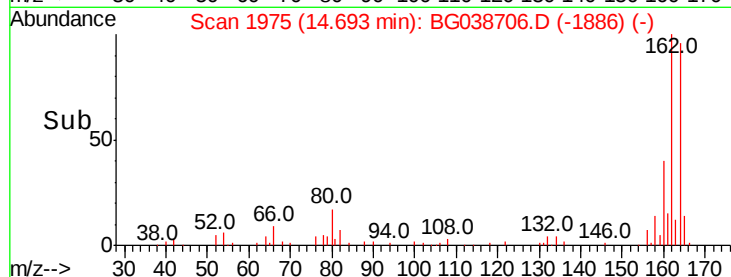
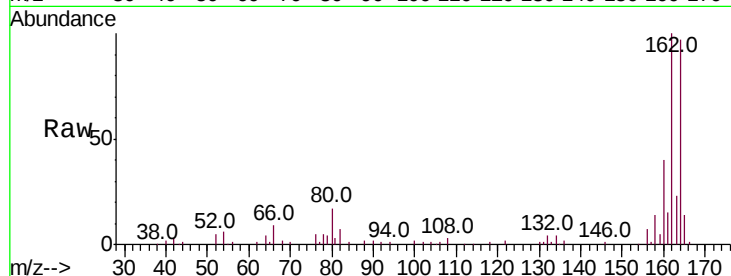
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG038706.D
Acq: 18 Dec 2018 22:36

Instrument :
BNA_G
ClientSampleId :
PB115759BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.9	86.6	130.0
160	41.4	34.2	51.2

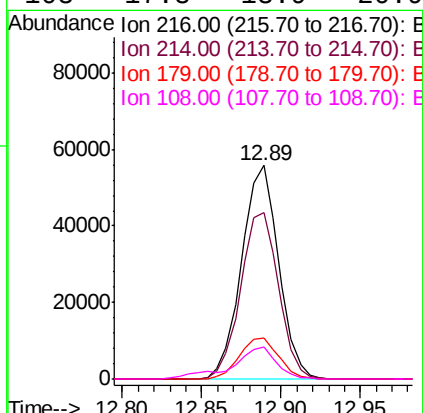
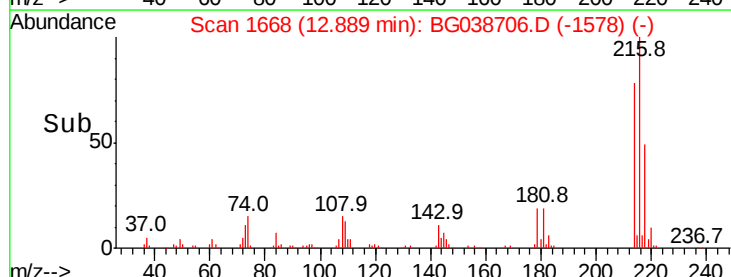
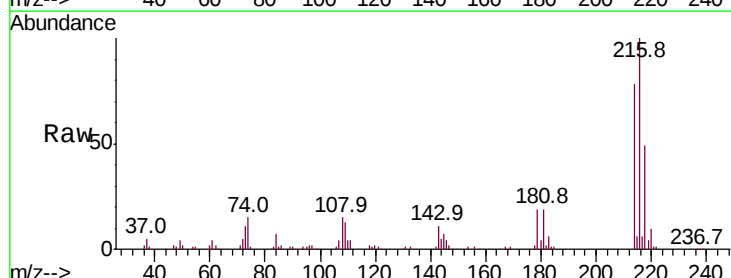
Manual Integrations
APPROVED

Sohil
12/19/2018 4:12:29 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.404 ng
RT: 12.89 min Scan# 1668
Delta R.T. -0.00 min
Lab File: BG038706.D
Acq: 18 Dec 2018 22:36

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.0	64.1	96.1
179	20.2	16.4	24.6
108	17.8	13.9	20.9





#41

Hexachlorocyclopentadiene

Concen: 89.892 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG038706.D

Acq: 18 Dec 2018 22:36

Instrument :

BNA_G

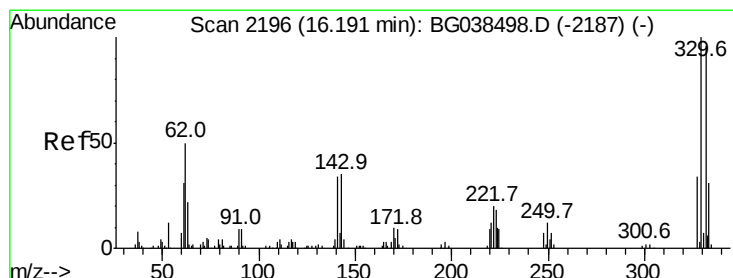
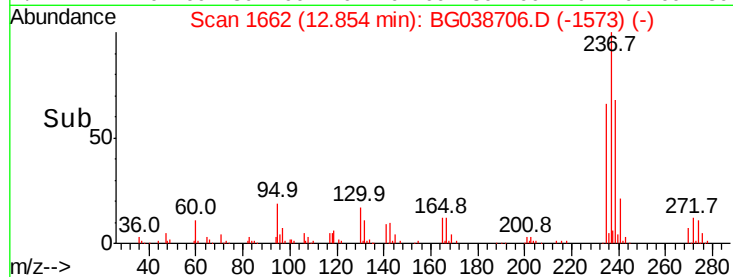
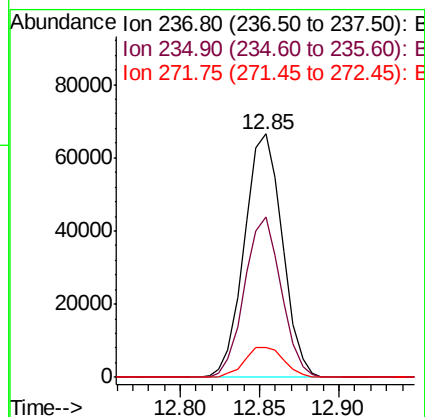
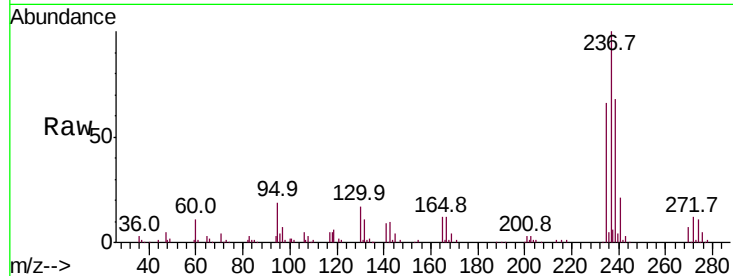
ClientSampleId :

PB115759BS

Tot Ion:	237	Resp:	110694
Ion Ratio	Lower	Upper	
237	100		
235	66.0	38.8	78.8
272	12.4	0.0	32.0

Manual Integrations
APPROVED

Sohil
12/19/2018 4:12:29 PM



#42

2,4,6-Tribromophenol

Concen: 124.807 ng

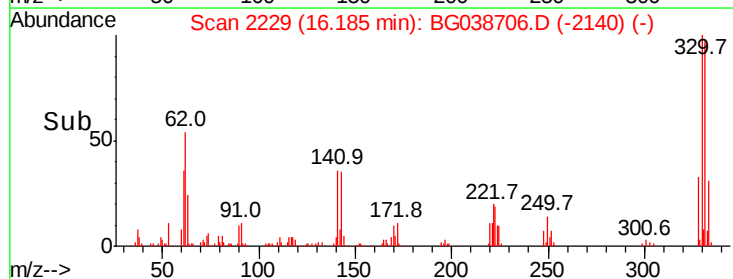
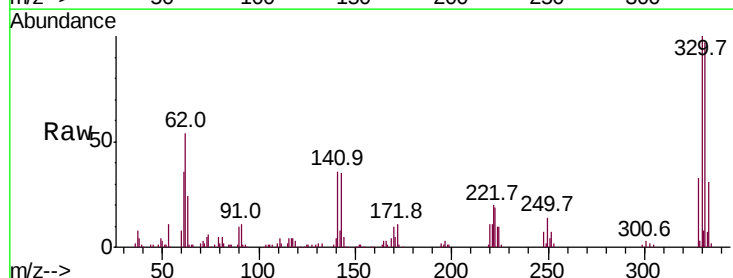
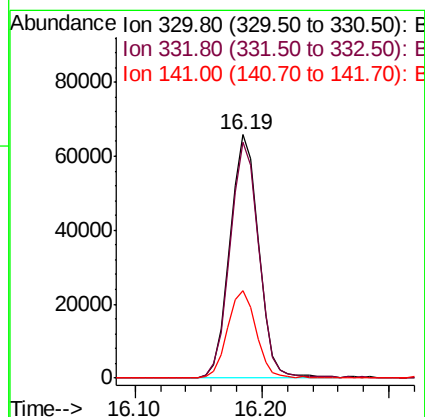
RT: 16.19 min Scan# 2229

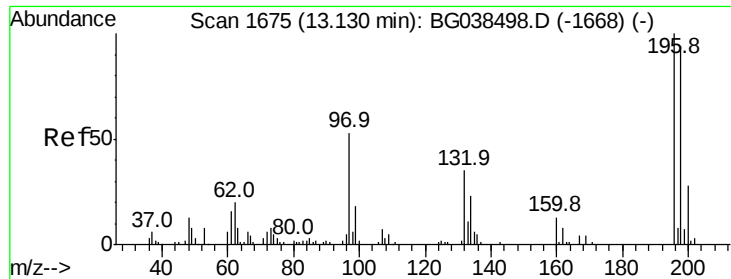
Delta R.T. -0.01 min

Lab File: BG038706.D

Acq: 18 Dec 2018 22:36

Tgt Ion:	330	Resp:	103140
Ion Ratio	Lower	Upper	
330	100		
332	97.0	76.9	115.3
141	36.0	28.8	43.2





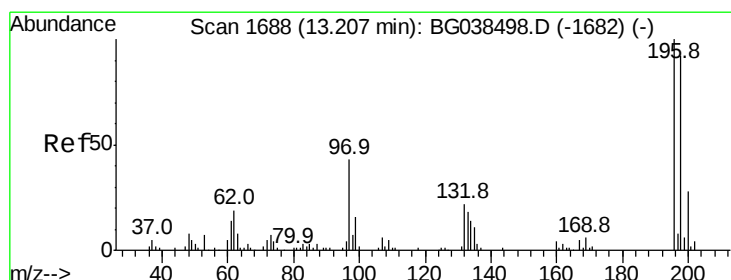
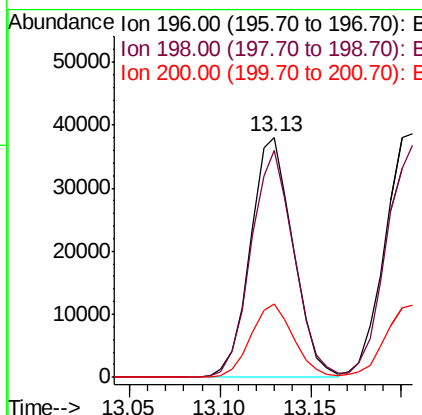
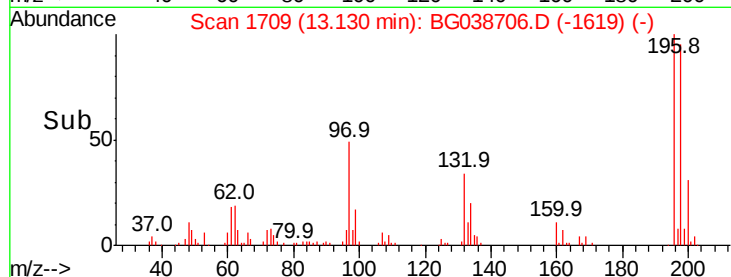
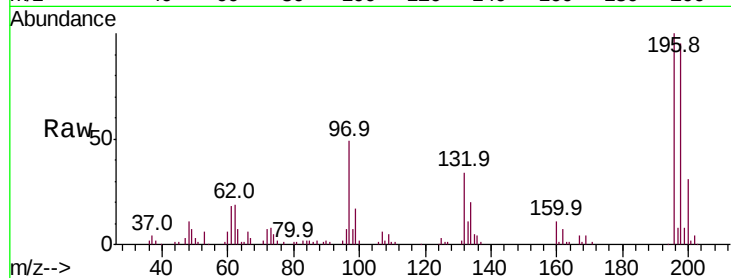
#43
 2,4,6-Trichlorophenol
 Concen: 45.105 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG038706.D
 Acq: 18 Dec 2018 22:36

Instrument :
 BNA_G
 ClientSampleId :
 PB115759BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	62162		
198	94.6	75.0	112.4	
200	30.8	22.4	33.6	

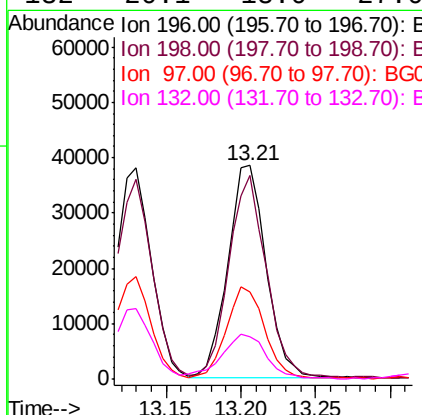
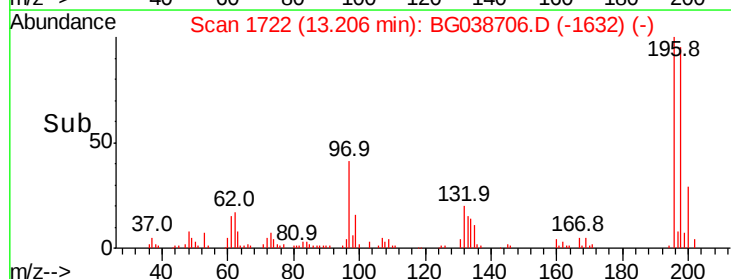
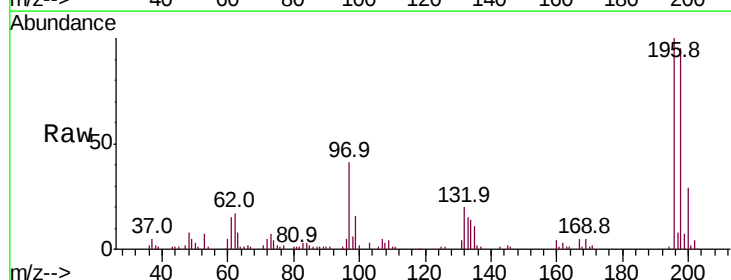
Manual Integrations
 APPROVED

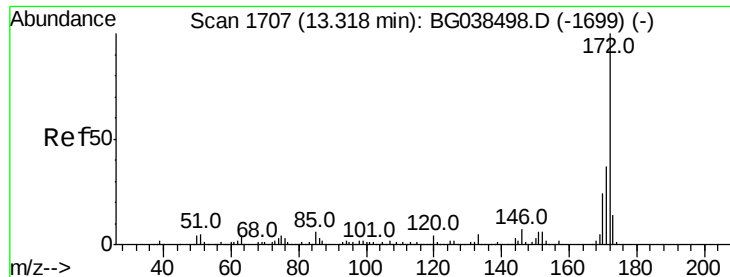
Sohil
 12/19/2018 4:12:29 PM



#44
 2,4,5-Trichlorophenol
 Concen: 47.241 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.00 min
 Lab File: BG038706.D
 Acq: 18 Dec 2018 22:36

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	68932		
198	95.4	74.0	111.0	
97	40.6	35.1	52.7	
132	20.1	18.0	27.0	





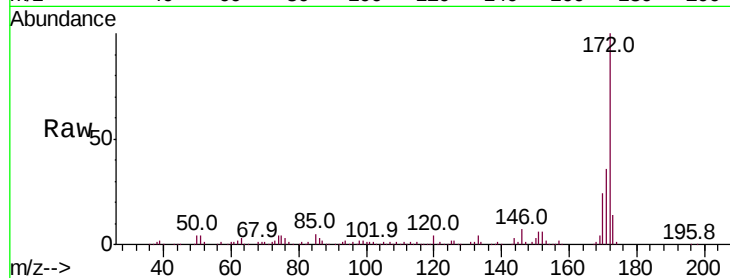
#45
2-Fluorobiphenyl
Concen: 65.035 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG038706.D
Acq: 18 Dec 2018 22:36

Instrument :
BNA_G
ClientSampleId :
PB115759BS

Tot Ion	Ratio	Resp	Lower	Upper
172	100	284266		
171	36.0		29.8	44.6
170	24.4		19.5	29.3

Manual Integrations
APPROVED

Sohil
12/19/2018 4:12:29 PM

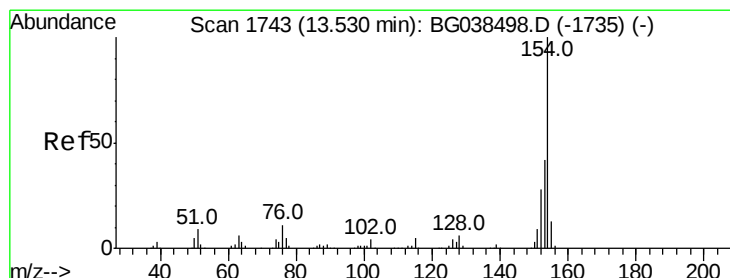
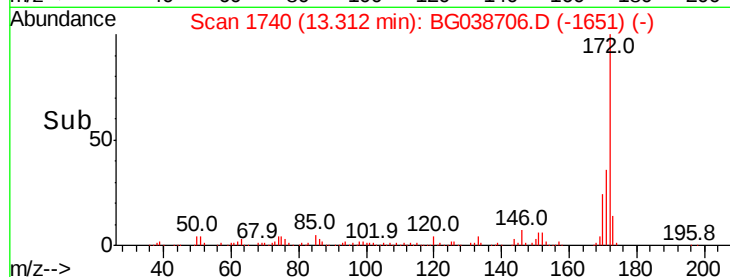
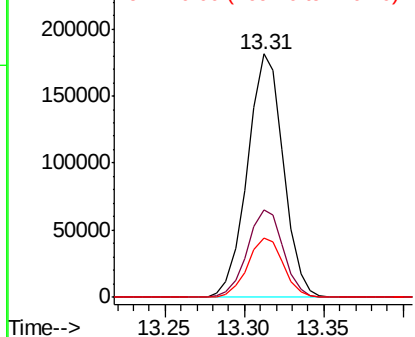


Abundance

Ion 172.00 (171.70 to 172.70): E

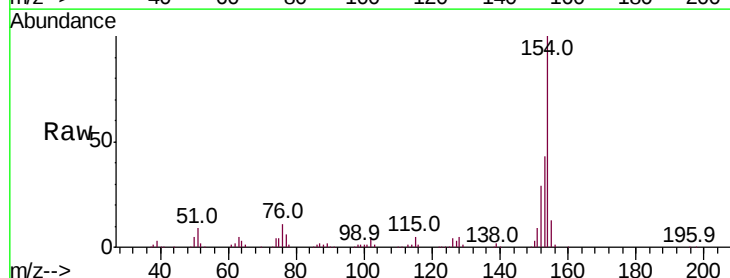
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 39.499 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.00 min
Lab File: BG038706.D
Acq: 18 Dec 2018 22:36

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	198556		
153	42.6		22.1	62.1
76	10.8		0.0	31.2

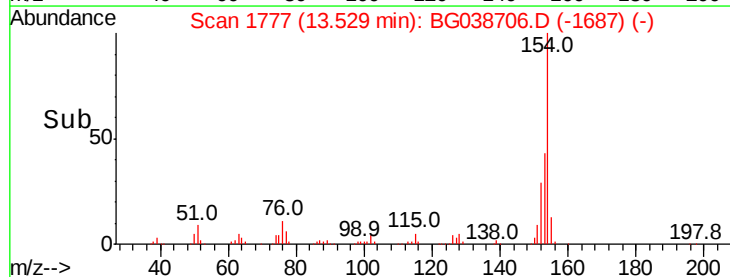
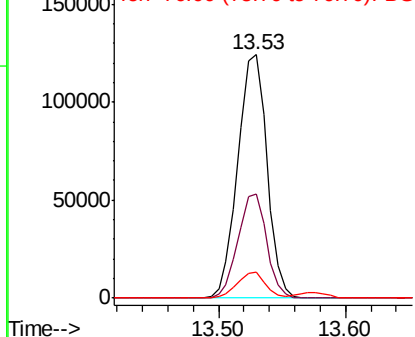


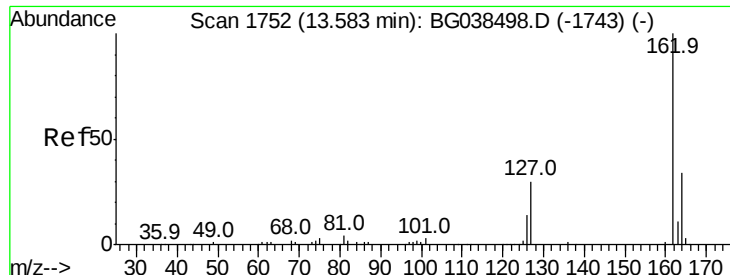
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG





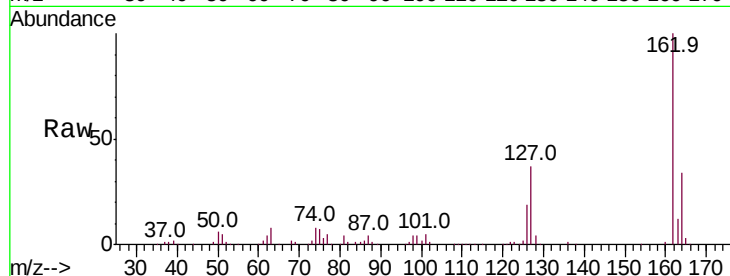
#47
2-Chloronaphthalene
Concen: 41.035 ng
RT: 13.58 min Scan# 1785
Delta R.T. -0.01 min
Lab File: BG038706.D
Acq: 18 Dec 2018 22:36

Instrument :
BNA_G
ClientSampleId :
PB115759BS

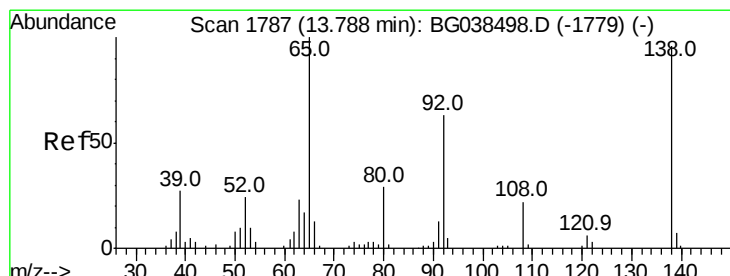
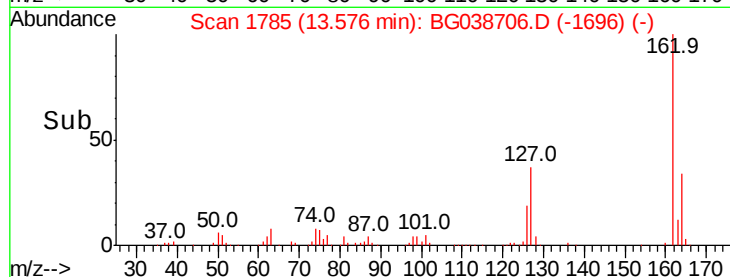
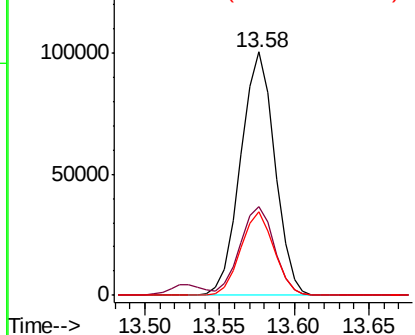
Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	36.6	27.8	41.8
164	34.4	26.9	40.3

Manual Integrations
APPROVED

Sohil
12/19/2018 4:12:29 PM

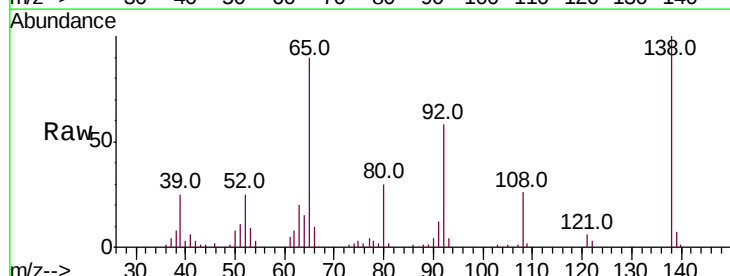


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

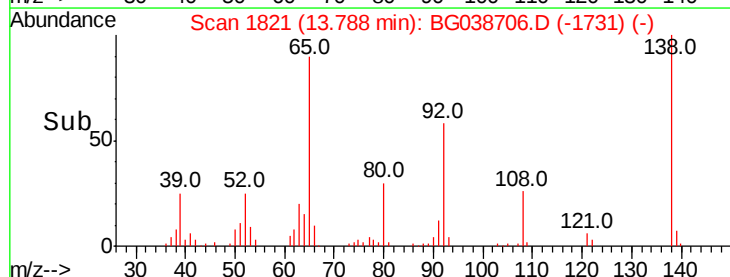
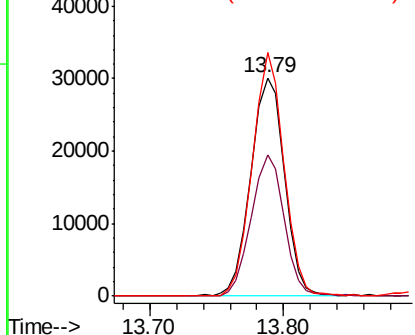


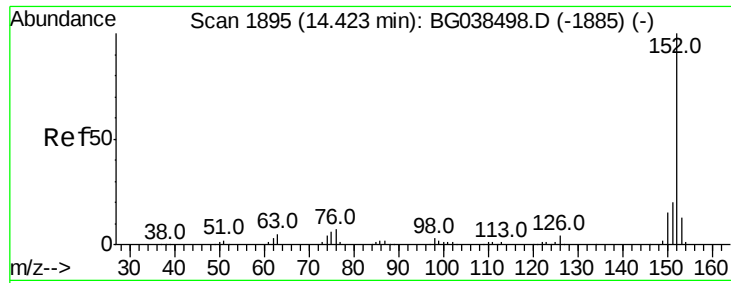
#48
2-Nitroaniline
Concen: 42.407 ng
RT: 13.79 min Scan# 1821
Delta R.T. -0.00 min
Lab File: BG038706.D
Acq: 18 Dec 2018 22:36

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	64.4	50.0	75.0
138	111.5	76.9	115.3



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





#49

Acenaphthylene

Concen: 45.501 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BG038706.D

Acq: 18 Dec 2018 22:36

Instrument :

BNA_G

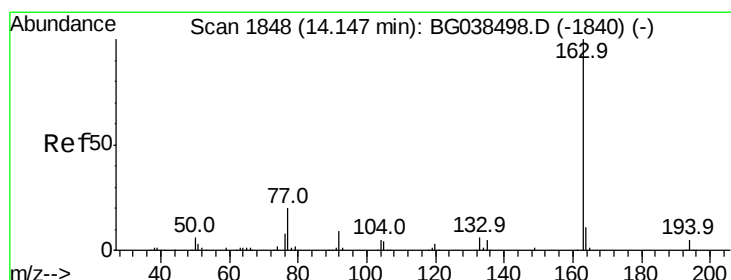
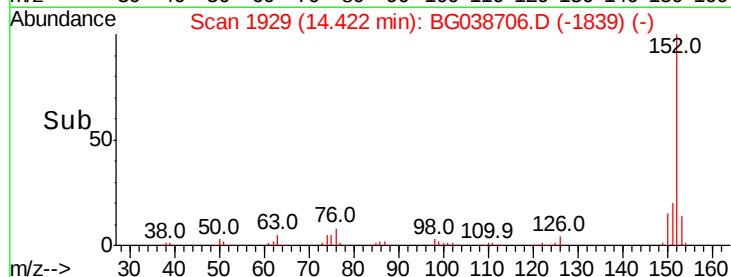
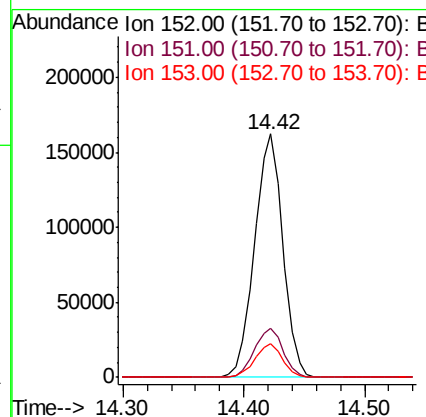
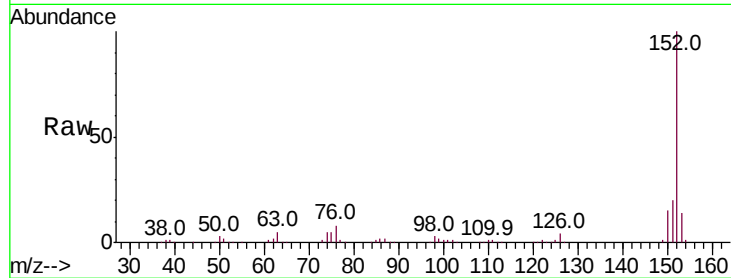
ClientSampleId :

PB115759BS

Tot Ion:	152	Resp:	264126
Ion Ratio	Lower	Upper	
152	100		
151	20.3	16.4	24.6
153	13.8	10.4	15.6

Manual Integrations
APPROVED

Sohil
12/19/2018 4:12:29 PM



#50

Dimethylphthalate

Concen: 42.448 ng

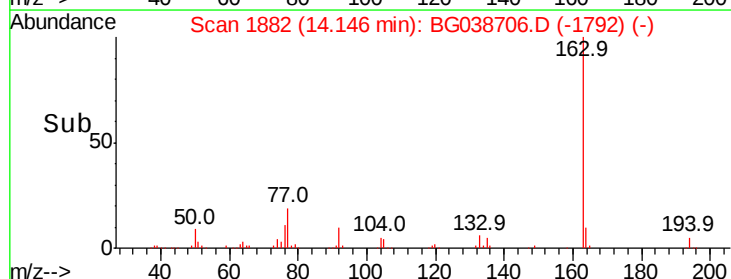
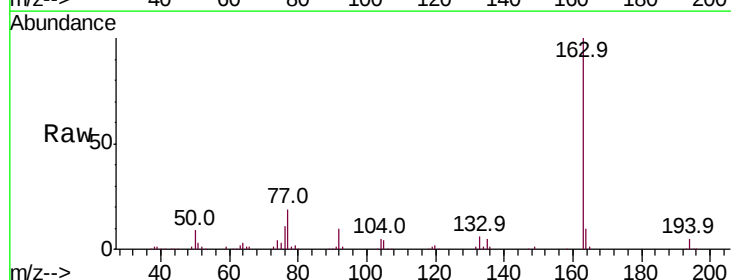
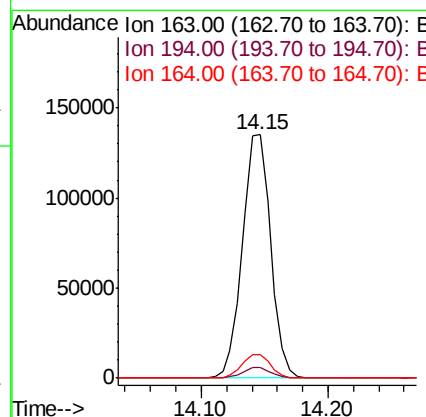
RT: 14.15 min Scan# 1882

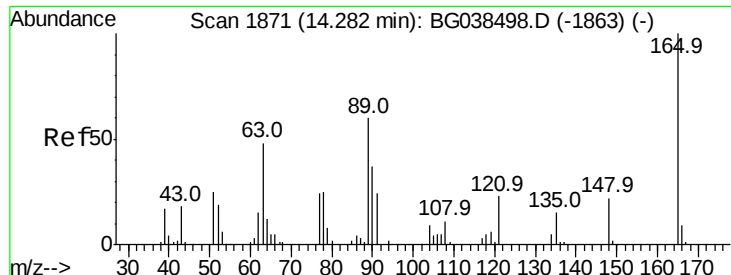
Delta R.T. -0.00 min

Lab File: BG038706.D

Acq: 18 Dec 2018 22:36

Tgt Ion:	163	Resp:	207859
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.7	5.5
164	9.9	8.6	12.8





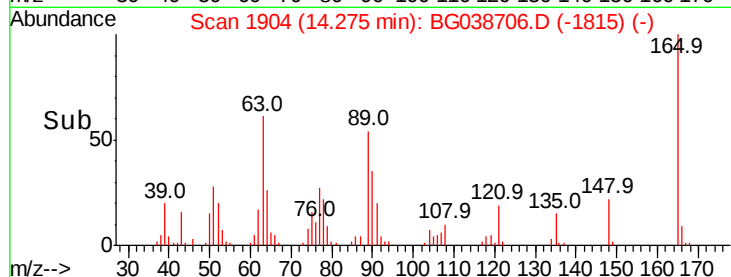
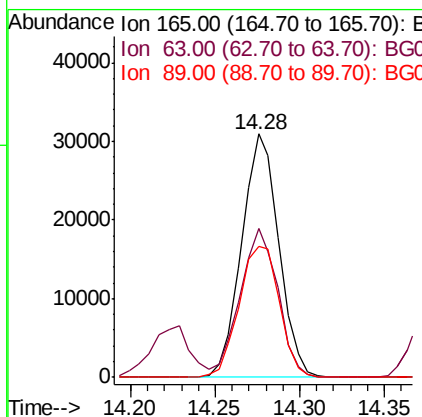
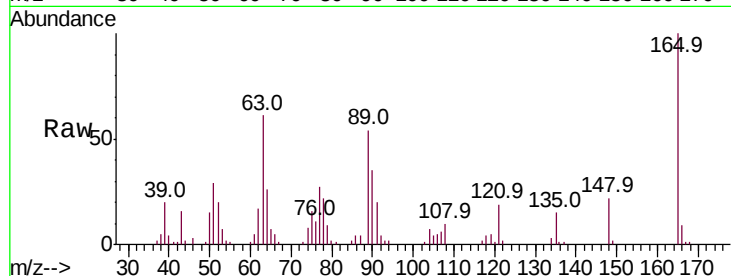
#51
 2,6-Dinitrotoluene
 Concen: 42.614 ng
 RT: 14.28 min Scan# 1904
 Delta R.T. -0.01 min
 Lab File: BG038706.D
 Acq: 18 Dec 2018 22:36

Instrument :
 BNA_G
 ClientSampleId :
 PB115759BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	47288		
63	61.2	51.8	77.6	
89	53.6	47.9	71.9	

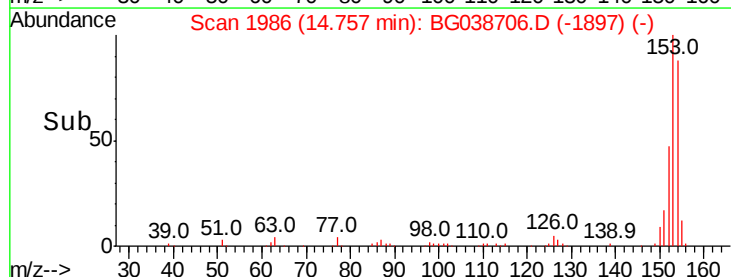
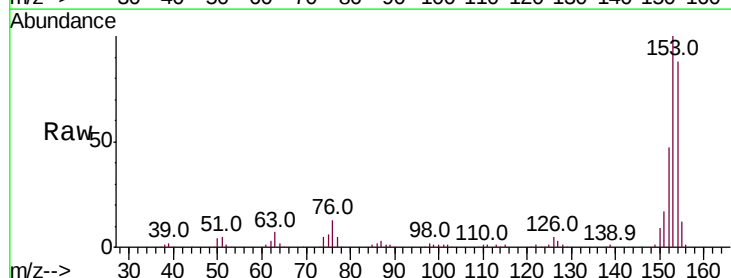
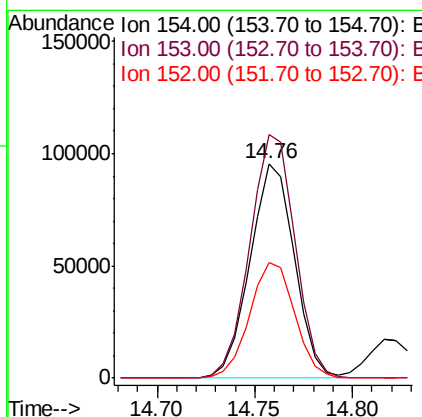
Manual Integrations
 APPROVED

Sohil
 12/19/2018 4:12:29 PM



#52
 Acenaphthene
 Concen: 43.412 ng
 RT: 14.76 min Scan# 1986
 Delta R.T. -0.01 min
 Lab File: BG038706.D
 Acq: 18 Dec 2018 22:36

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	150689		
153	113.6	90.6	136.0	
152	53.8	43.5	65.3	





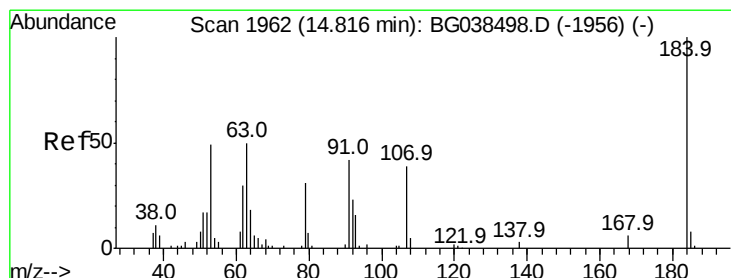
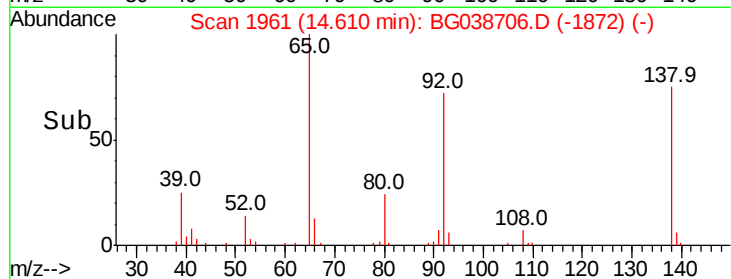
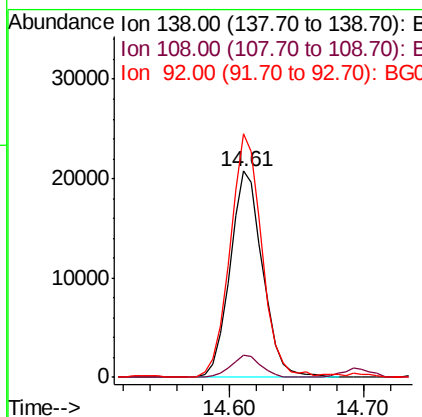
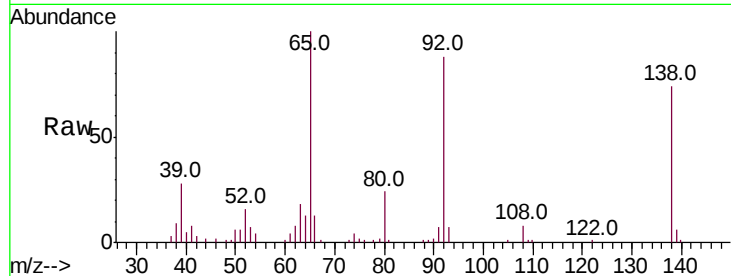
#53
3-Nitroaniline
Concen: 31.132 ng
RT: 14.61 min Scan# 1961
Delta R.T. -0.01 min
Lab File: BG038706.D
Acq: 18 Dec 2018 22:36

Instrument :
BNA_G
ClientSampleId :
PB115759BS

Tot Ion:138 Resp: 35217
Ion Ratio Lower Upper
138 100
108 10.5 7.9 11.9
92 118.0 95.3 142.9

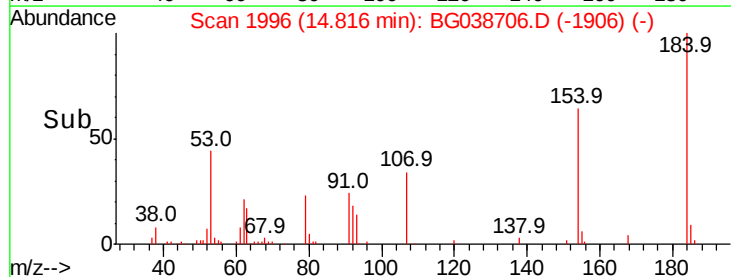
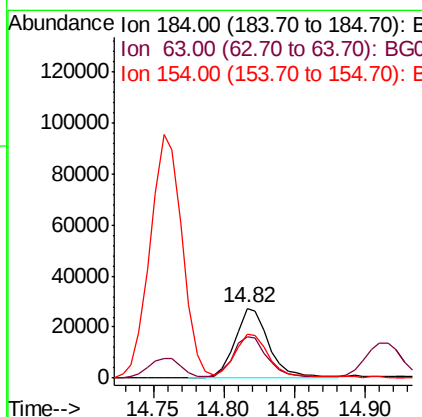
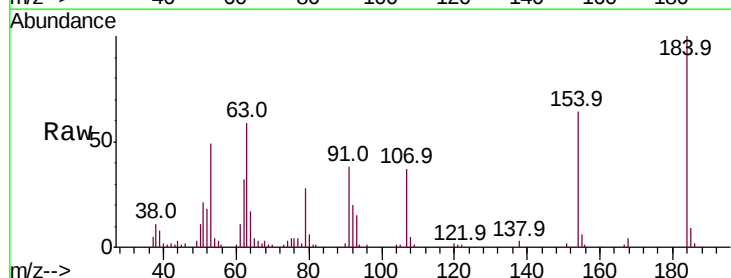
Manual Integrations
APPROVED

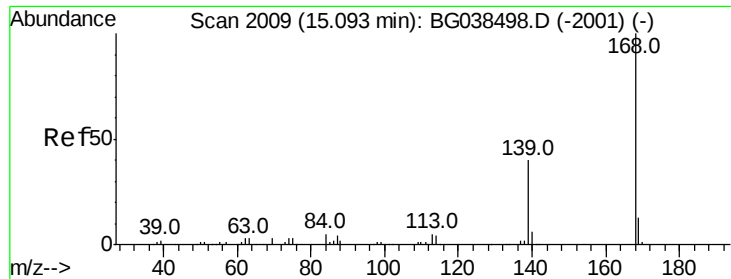
Sohil
12/19/2018 4:12:29 PM



#54
2,4-Dinitrophenol
Concen: 70.523 ng
RT: 14.82 min Scan# 1996
Delta R.T. 0.00 min
Lab File: BG038706.D
Acq: 18 Dec 2018 22:36

Tgt Ion:184 Resp: 46131
Ion Ratio Lower Upper
184 100
63 58.7 47.0 70.6
154 63.5 50.3 75.5





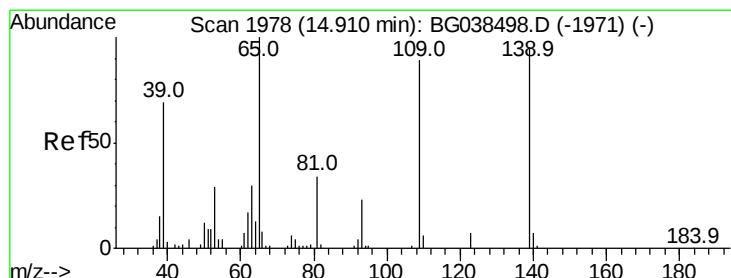
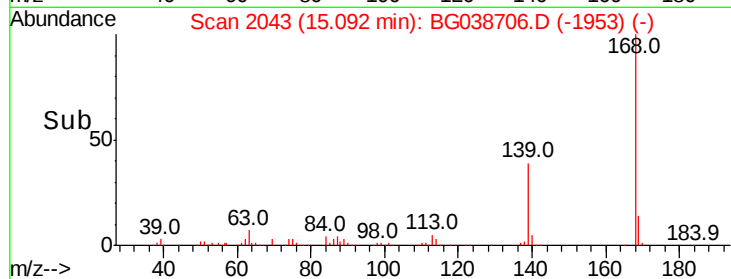
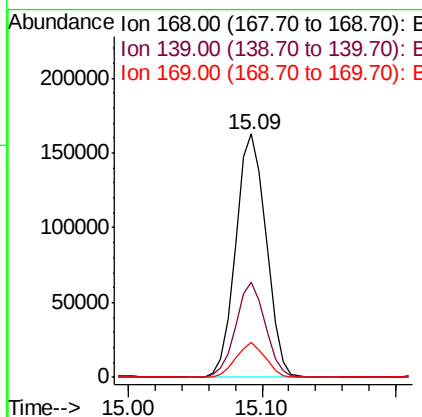
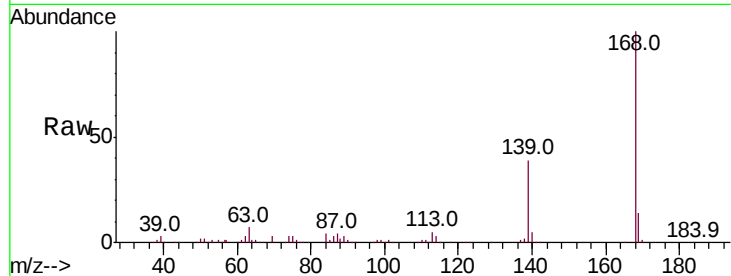
#55
Dibenzenofuran
Concen: 43.039 ng
RT: 15.09 min Scan# 2043
Delta R.T. -0.00 min
Lab File: BG038706.D
Acq: 18 Dec 2018 22:36

Instrument :
BNA_G
ClientSampleId :
PB115759BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.2	32.2	48.2
169	14.3	10.6	16.0

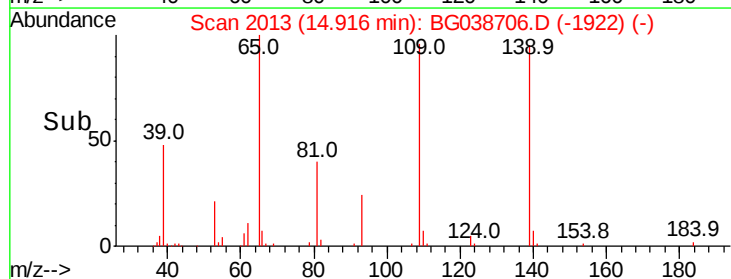
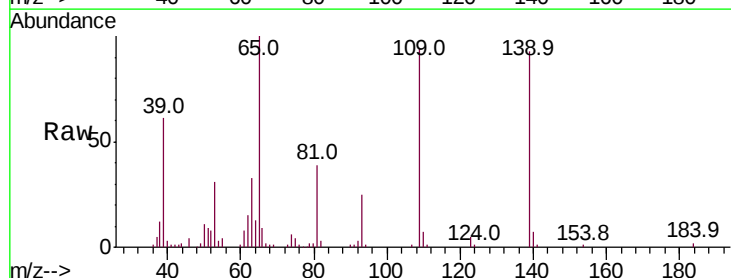
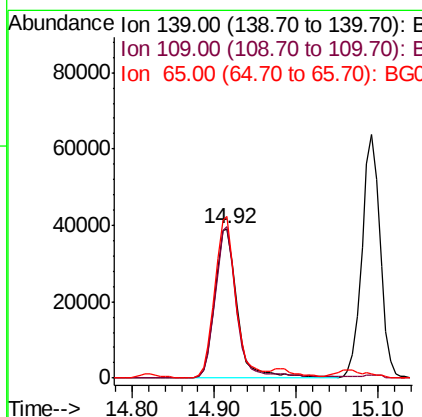
Manual Integrations
APPROVED

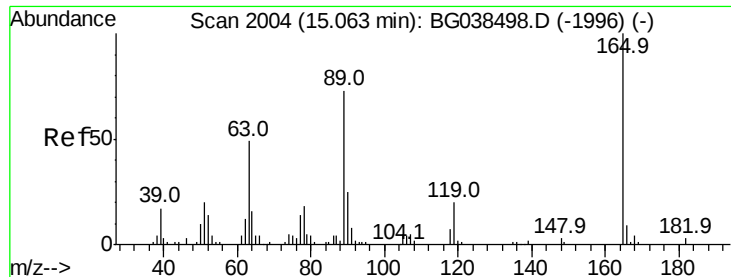
Sohil
12/19/2018 4:12:29 PM



#56
4-Nitrophenol
Concen: 87.674 ng
RT: 14.92 min Scan# 2013
Delta R.T. 0.01 min
Lab File: BG038706.D
Acq: 18 Dec 2018 22:36

Tgt Ion	Ratio	Lower	Upper
139	100		
109	101.2	73.6	113.6
65	108.0	84.8	124.8





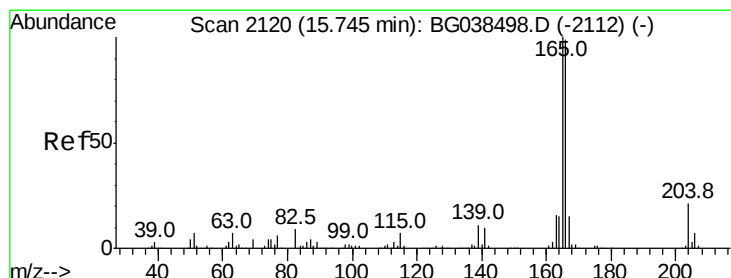
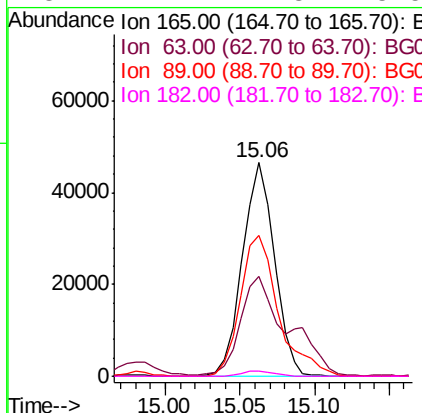
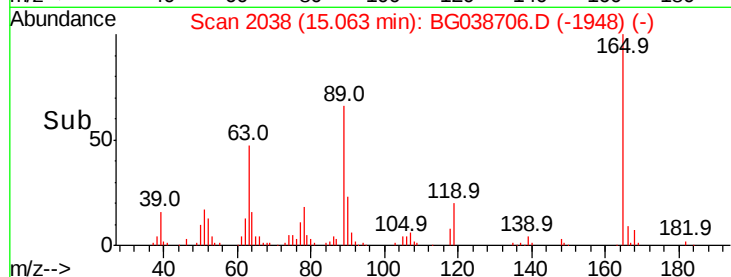
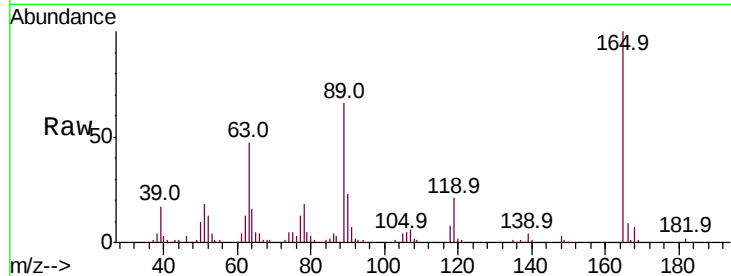
#57
2,4-Dinitrotoluene
Concen: 44.224 ng
RT: 15.06 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BG038706.D
Acq: 18 Dec 2018 22:36

Instrument :
BNA_G
ClientSampleId :
PB115759BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	69120		
63	47.0		39.0	58.4
89	66.1		58.0	87.0
182	2.4		2.3	3.5

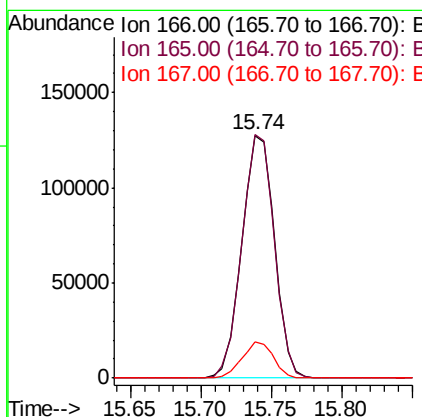
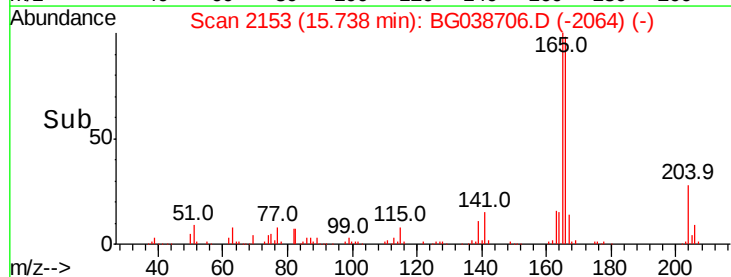
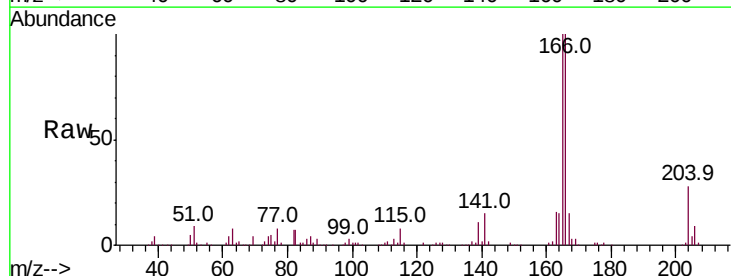
Manual Integrations
APPROVED

Sohil
12/19/2018 4:12:29 PM



#58
Fluorene
Concen: 46.774 ng
RT: 15.74 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BG038706.D
Acq: 18 Dec 2018 22:36

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	206190		
165	100.4		80.6	120.8
167	15.0		12.0	18.0





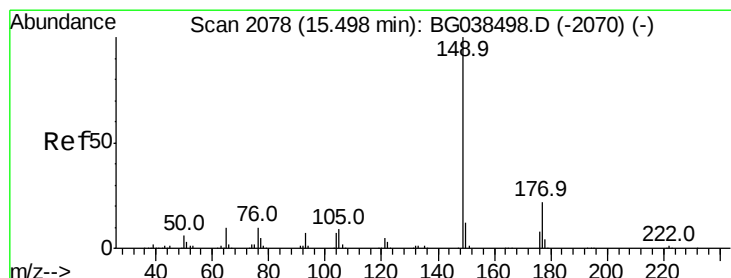
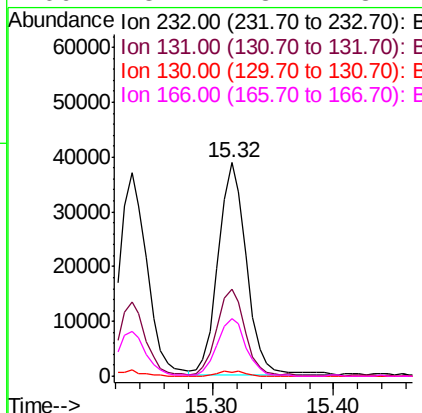
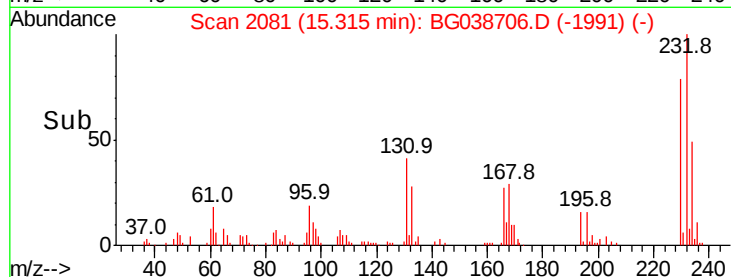
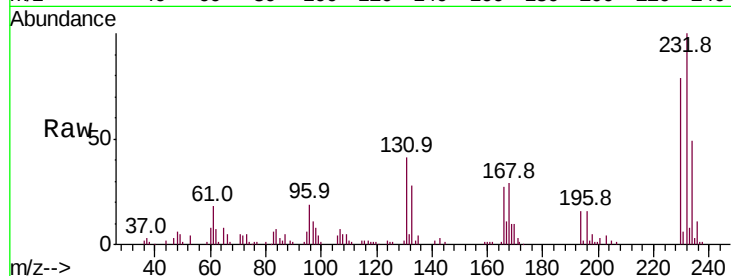
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.019 ng
 RT: 15.32 min Scan# 2081
 Delta R.T. -0.00 min
 Lab File: BG038706.D
 Acq: 18 Dec 2018 22:36

Instrument :
 BNA_G
 ClientSampleId :
 PB115759BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.1	33.0	49.4
130	2.0	2.0	3.0
166	28.2	23.1	34.7

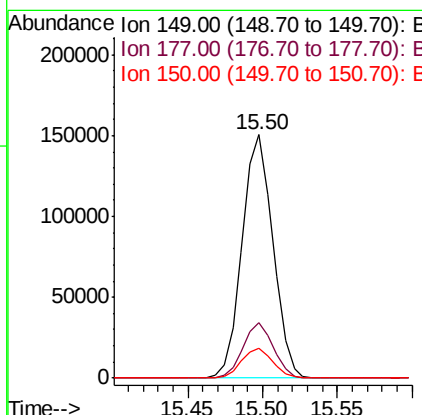
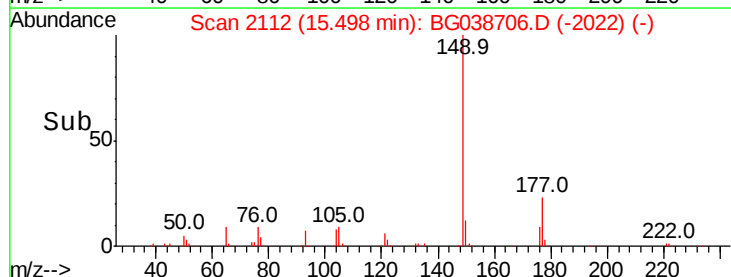
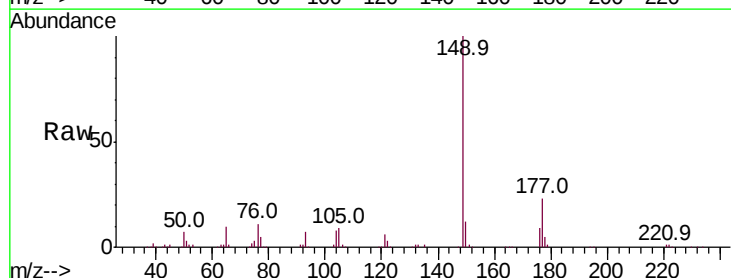
Manual Integrations
 APPROVED

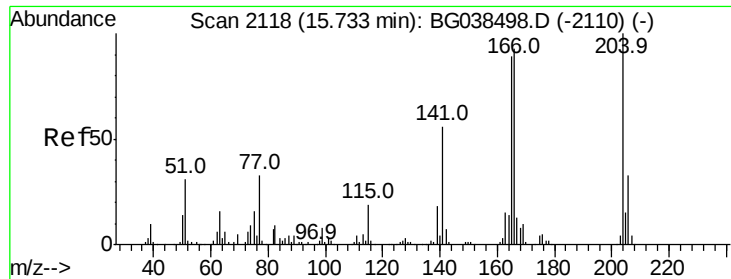
Sohil
 12/19/2018 4:12:29 PM



#60
 Diethylphthalate
 Concen: 39.944 ng
 RT: 15.50 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: BG038706.D
 Acq: 18 Dec 2018 22:36

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.7	17.7	26.5
150	12.3	9.9	14.9





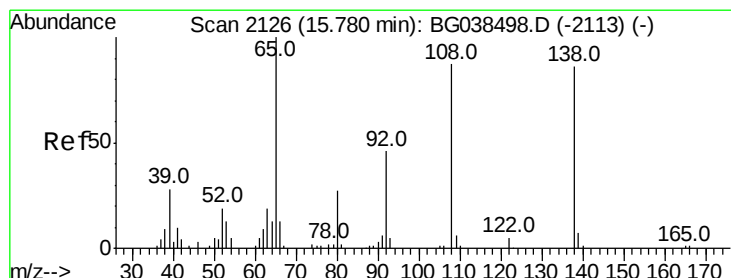
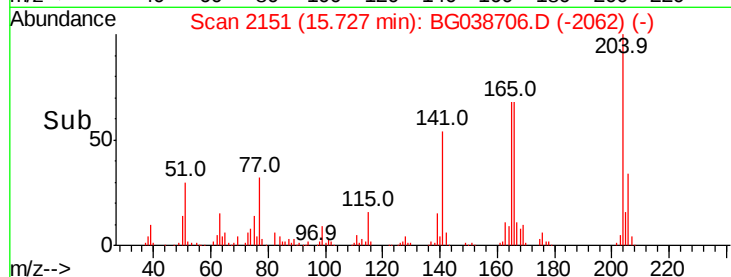
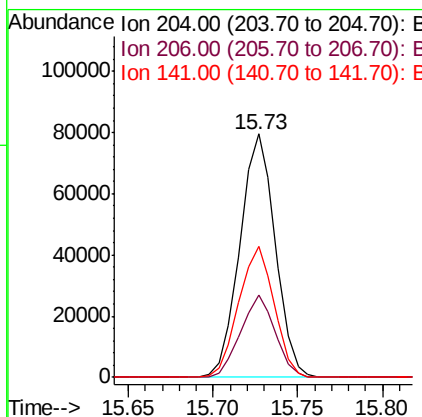
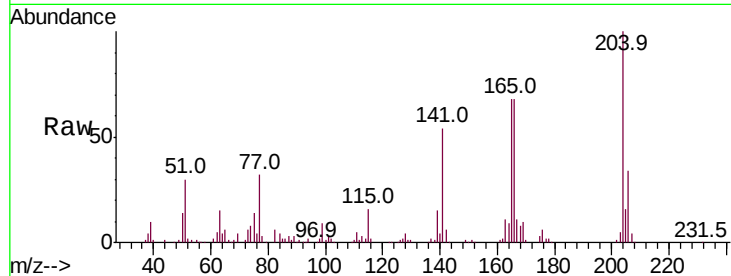
#61
4-Chlorophenyl-phenylether
Concen: 42.163 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BG038706.D
Acq: 18 Dec 2018 22:36

Instrument :
BNA_G
ClientSampleID :
PB115759BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.6	26.0	39.0
141	53.7	44.4	66.6

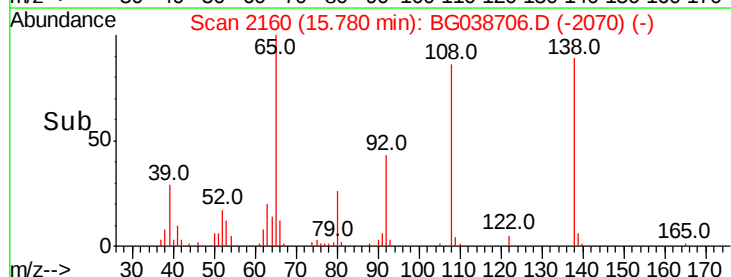
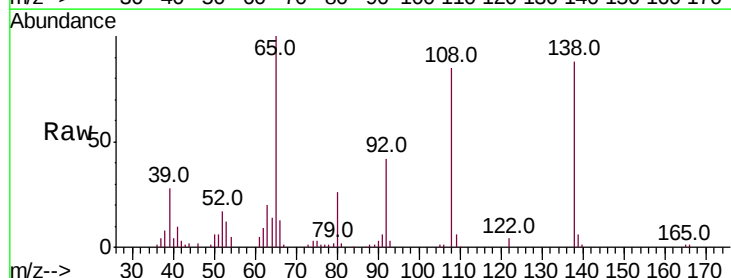
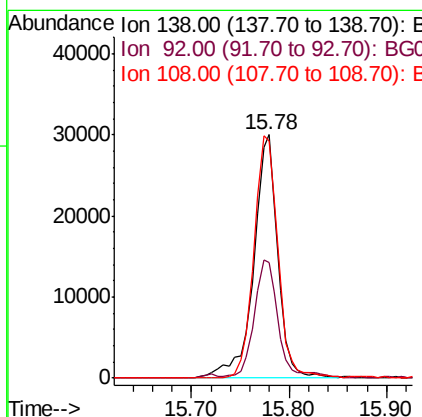
Manual Integrations
APPROVED

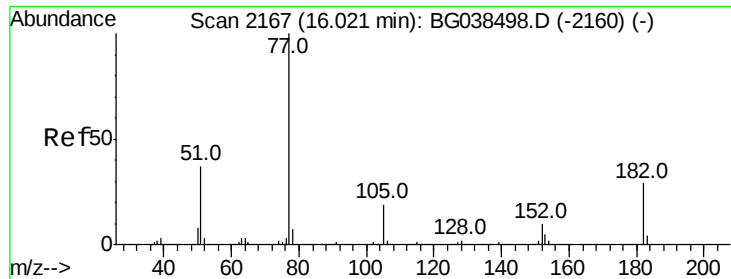
Sohil
12/19/2018 4:12:29 PM



#62
4-Nitroaniline
Concen: 44.932 ng
RT: 15.78 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BG038706.D
Acq: 18 Dec 2018 22:36

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.7	33.3	73.3
108	97.4	81.4	121.4





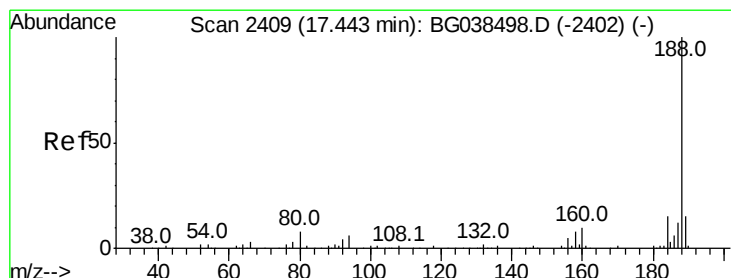
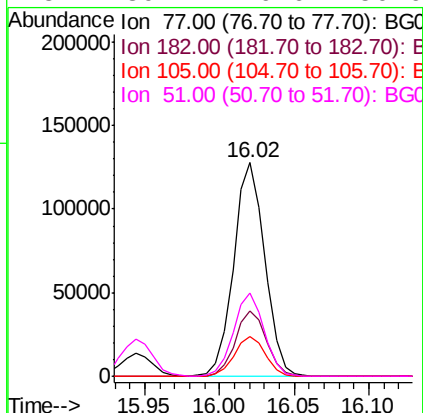
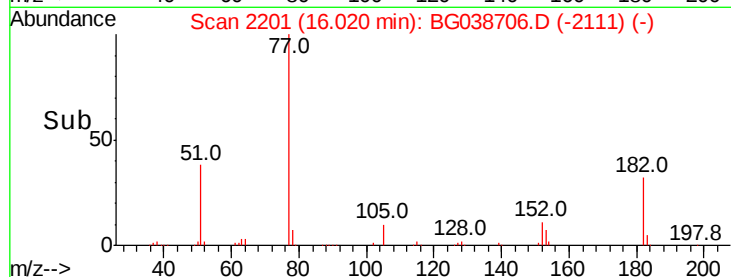
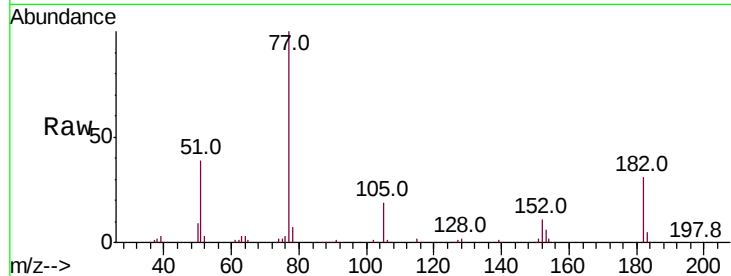
#63
Azobenzene
Concen: 41.318 ng
RT: 16.02 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BG038706.D
Acq: 18 Dec 2018 22:36

Instrument :
BNA_G
ClientSampleId :
PB115759BS

Tot Ion	Ratio	Resp	Lower	Upper
77	100	185546		
182	30.5	8.7	48.7	
105	18.7	0.0	38.7	
51	39.2	16.6	56.6	

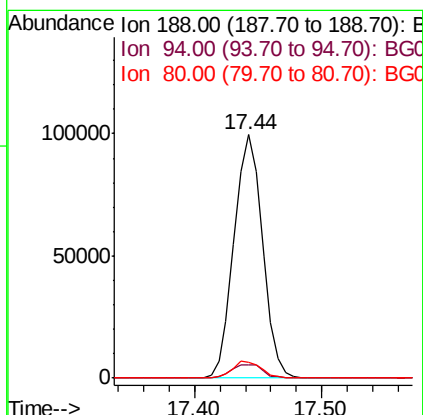
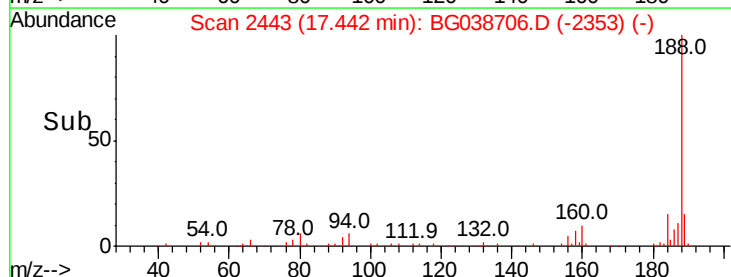
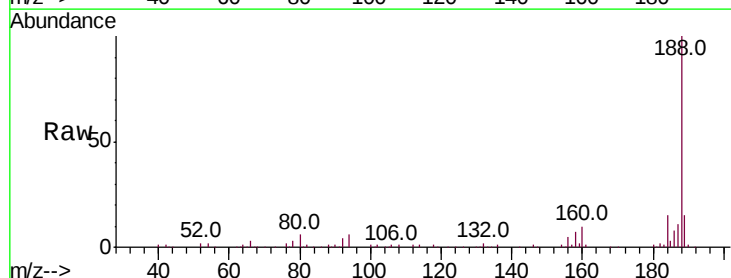
Manual Integrations
APPROVED

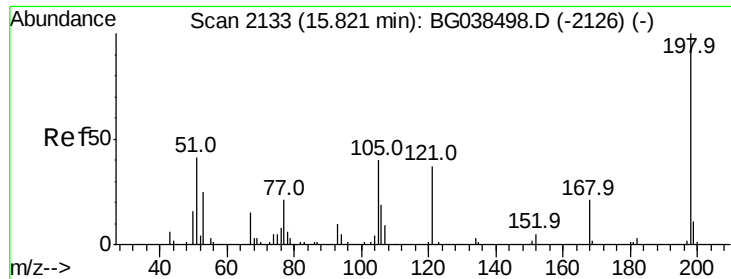
Sohil
12/19/2018 4:12:29 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038706.D
Acq: 18 Dec 2018 22:36

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	155000		
94	5.6	5.1	7.7	
80	6.2	6.1	9.1	





#65

4,6-Dinitro-2-methylphenol

Concen: 38.294 ng

RT: 15.83 min Scan# 2168

Delta R.T. 0.01 min

Lab File: BG038706.D

Acq: 18 Dec 2018 22:36

Instrument :

BNA_G

ClientSampleId :

PB115759BS

Tot Ion:198 Resp: 42341

Ion Ratio Lower Upper

198 100

51 42.1 28.6 68.6

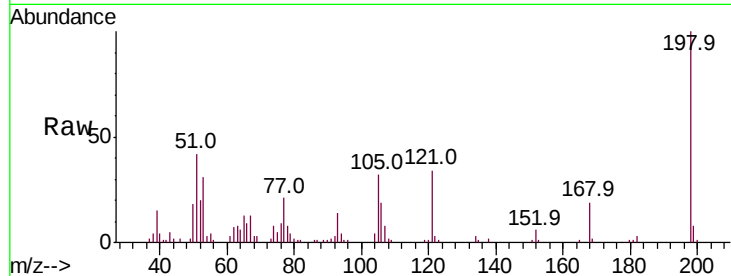
105 32.2 20.4 60.4

Manual Integrations

APPROVED

Sohil

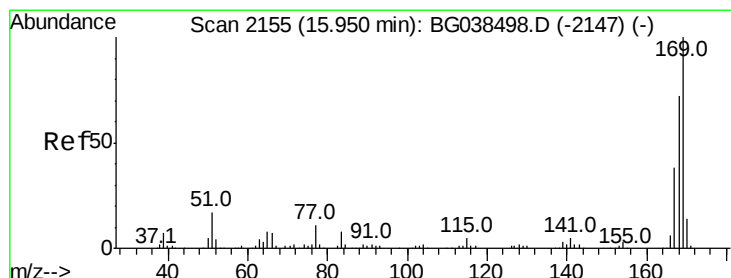
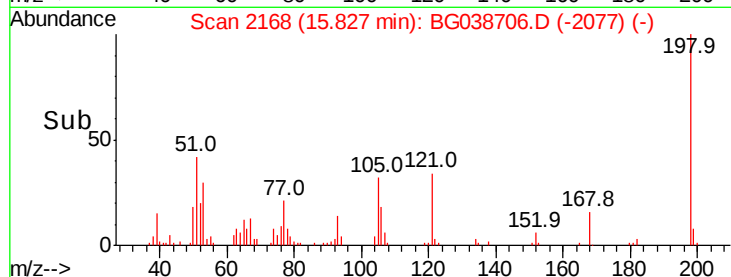
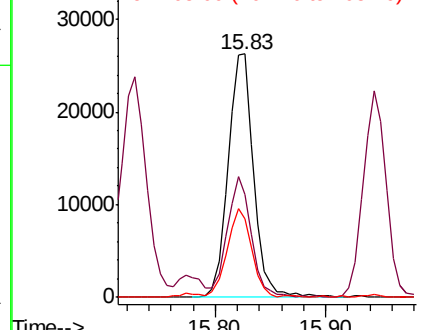
12/19/2018 4:12:29 PM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.959 ng

RT: 15.94 min Scan# 2188

Delta R.T. -0.01 min

Lab File: BG038706.D

Acq: 18 Dec 2018 22:36

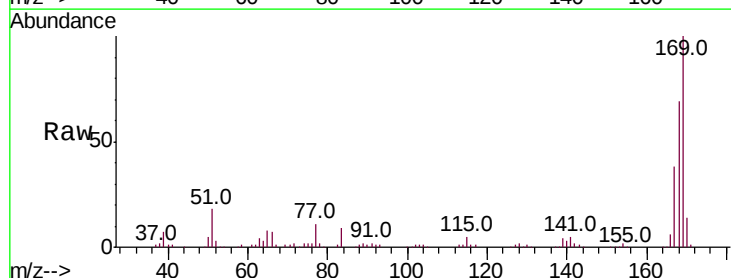
Tgt Ion:169 Resp: 191092

Ion Ratio Lower Upper

169 100

168 68.9 57.5 86.3

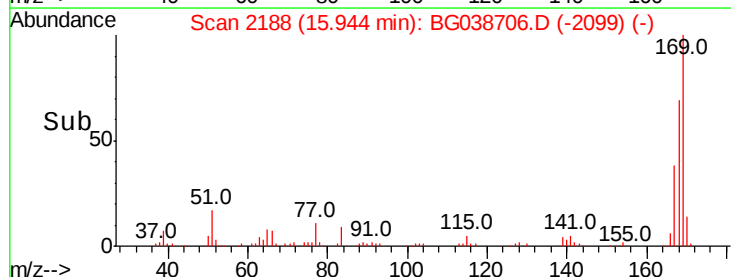
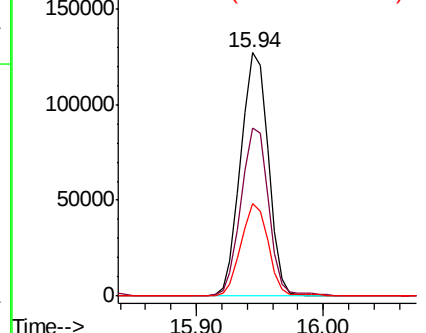
167 37.8 30.2 45.2



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 40.666 ng

RT: 16.63 min Scan# 2304

Delta R.T. -0.00 min

Lab File: BG038706.D

Acq: 18 Dec 2018 22:36

Instrument :

BNA_G

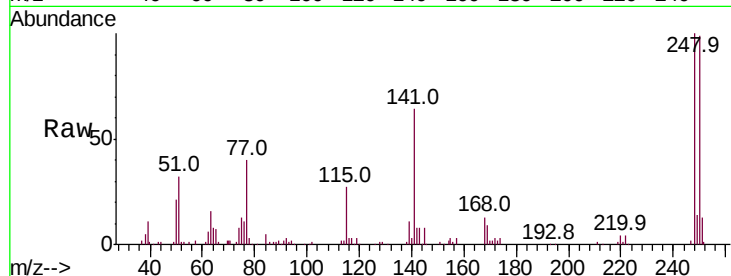
ClientSampleId :

PB115759BS

Tot Ion:	248	Resp:	76980
Ion Ratio	Lower	Upper	
248	100		
250	98.9	73.4	110.2
141	64.2	52.9	79.3

Manual Integrations
APPROVED

Sohil
12/19/2018 4:12:29 PM

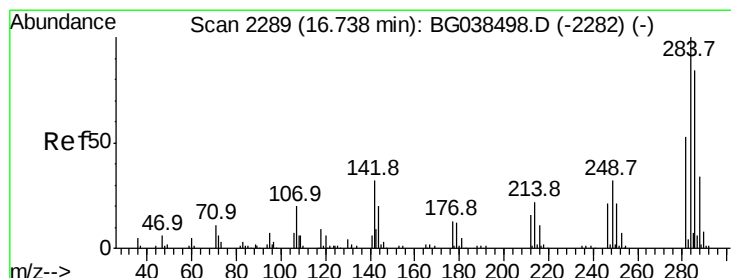
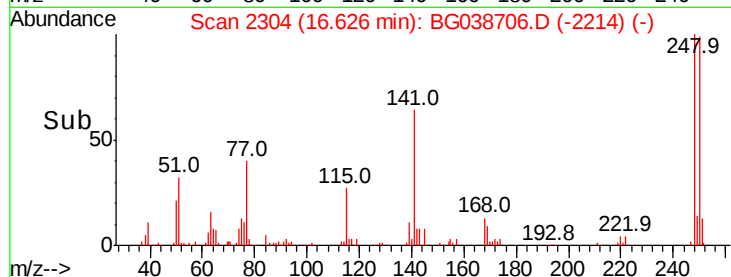
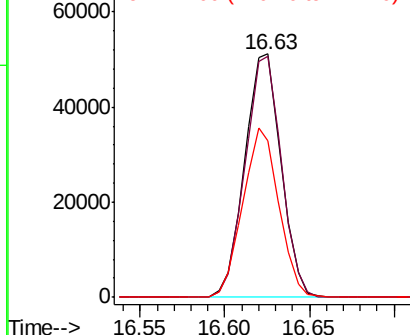


Abundance

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: 41.685 ng

RT: 16.74 min Scan# 2323

Delta R.T. -0.00 min

Lab File: BG038706.D

Acq: 18 Dec 2018 22:36

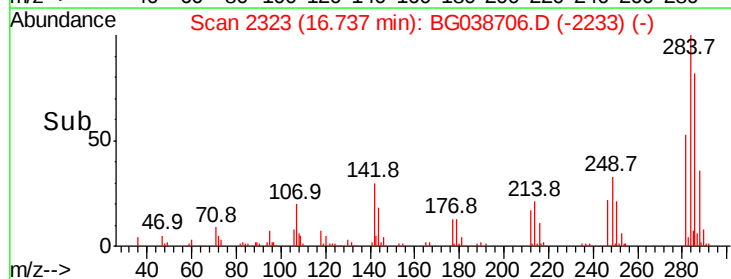
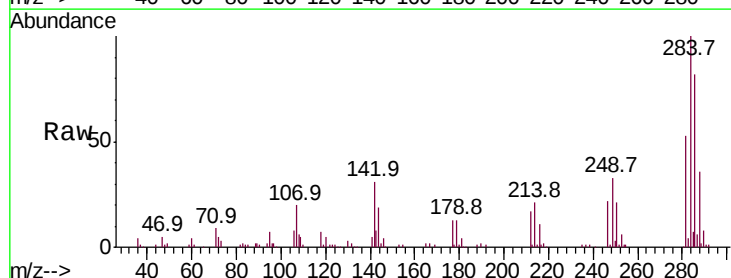
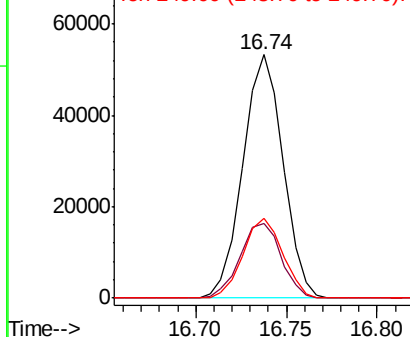
Tgt Ion:	284	Resp:	81798
Ion Ratio	Lower	Upper	
284	100		
142	30.8	25.8	38.6
249	35.6	27.0	40.4

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





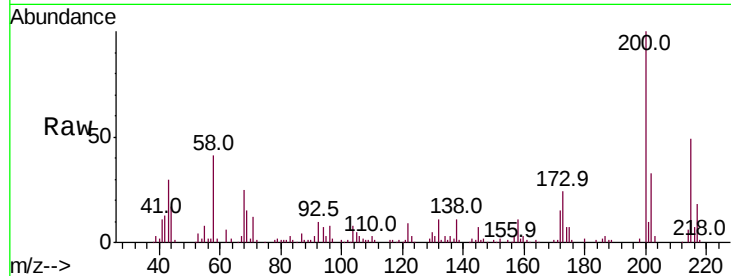
#69
Atrazine
Concen: 46.001 ng
RT: 16.89 min Scan# 2349
Delta R.T. -0.00 min
Lab File: BG038706.D
Acq: 18 Dec 2018 22:36

Instrument :
BNA_G
ClientSampleId :
PB115759BS

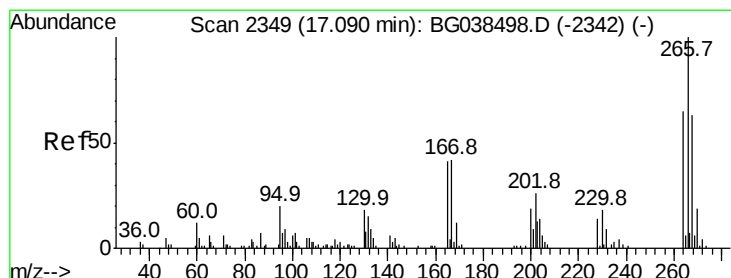
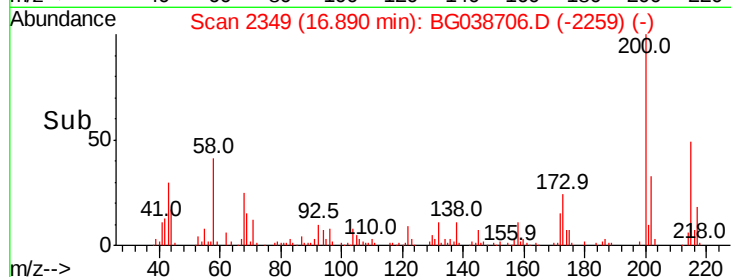
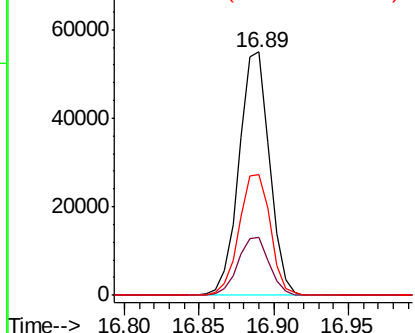
Tot Ion	Ratio	Lower	Upper
200	100		
173	24.0	5.9	45.9
215	49.4	33.1	73.1

Manual Integrations
APPROVED

Sohil
12/19/2018 4:12:29 PM

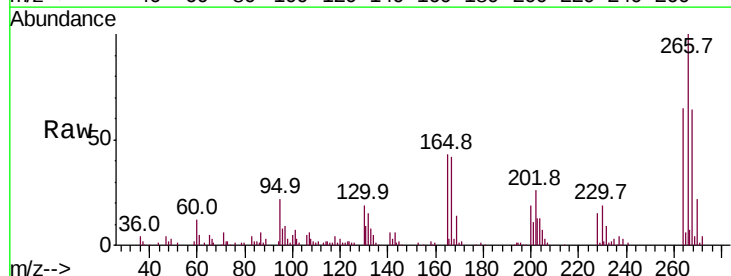


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

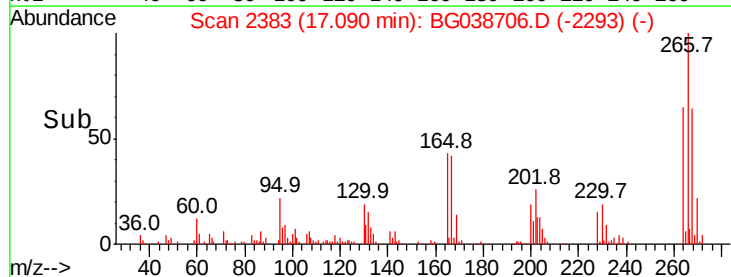
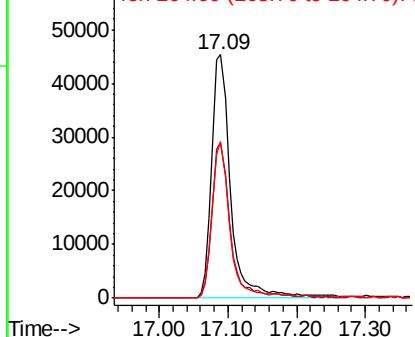


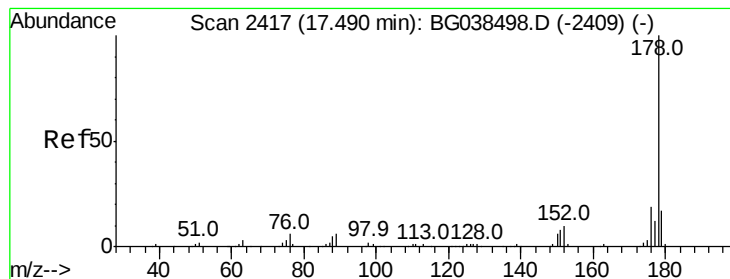
#70
Pentachlorophenol
Concen: 75.765 ng
RT: 17.09 min Scan# 2383
Delta R.T. -0.00 min
Lab File: BG038706.D
Acq: 18 Dec 2018 22:36

Tgt Ion	Ratio	Lower	Upper
266	100		
268	68.0	55.0	82.6
264	70.3	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: 45.420 ng

RT: 17.48 min Scan# 2450

Delta R.T. -0.01 min

Lab File: BG038706.D

Acq: 18 Dec 2018 22:36

Instrument :

BNA_G

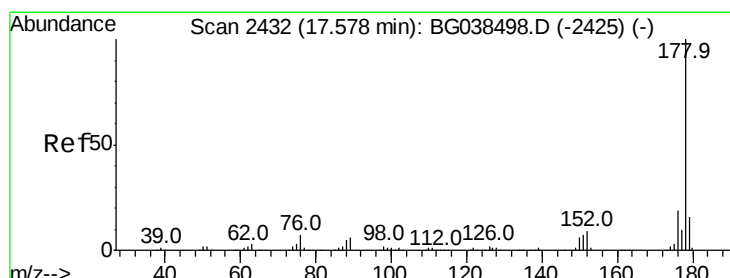
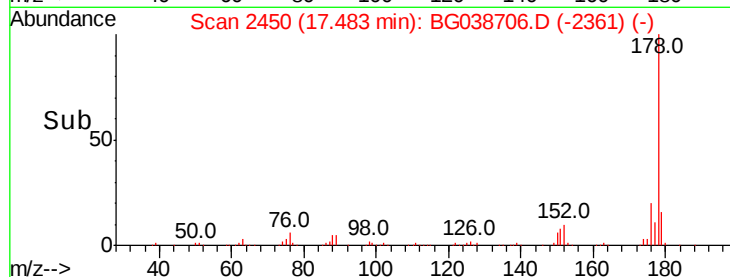
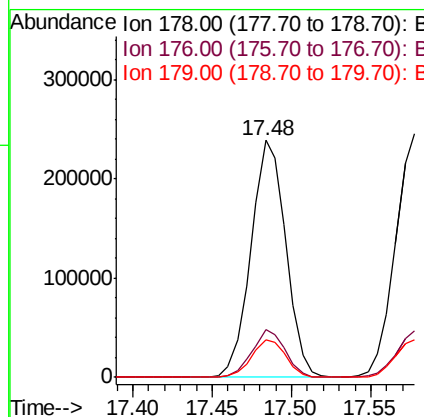
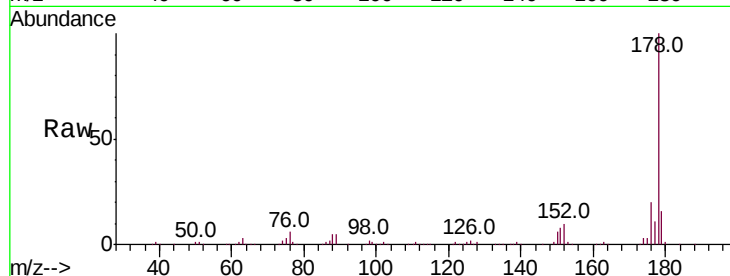
ClientSampleId :

PB115759BS

Tot Ion:	178	Resp:	365072
Ion Ratio	Lower	Upper	
178	100		
176	20.2	15.1	22.7
179	15.7	13.2	19.8

Manual Integrations
APPROVED

Sohil
12/19/2018 4:12:29 PM



#72

Anthracene

Concen: 46.852 ng

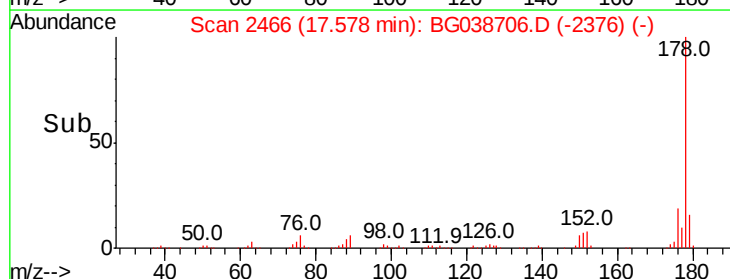
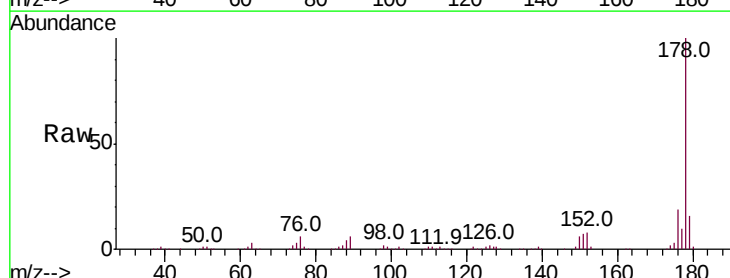
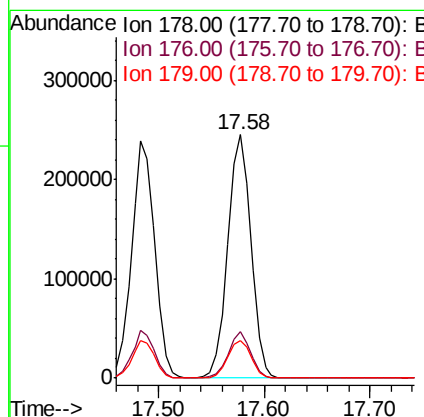
RT: 17.58 min Scan# 2466

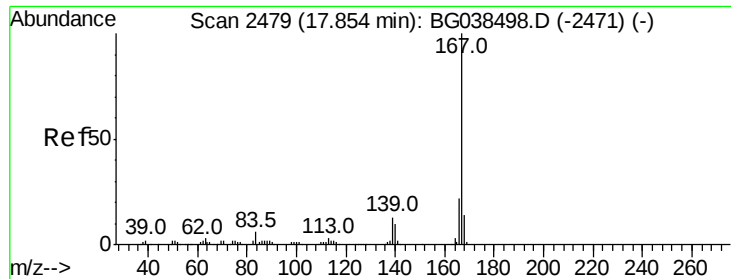
Delta R.T. -0.00 min

Lab File: BG038706.D

Acq: 18 Dec 2018 22:36

Tgt Ion:	178	Resp:	371772
Ion Ratio	Lower	Upper	
178	100		
176	18.9	15.1	22.7
179	15.6	12.9	19.3





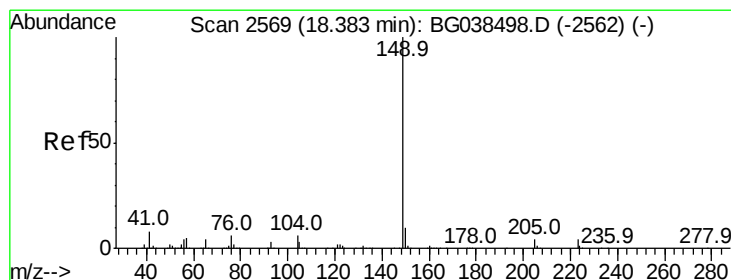
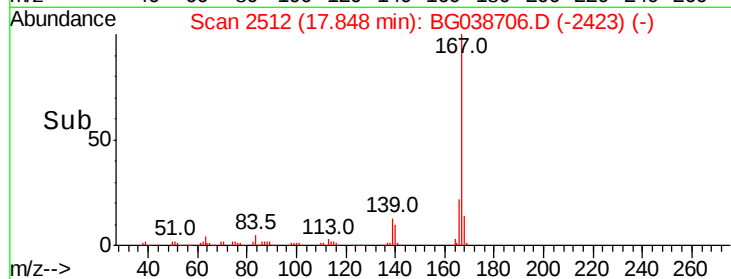
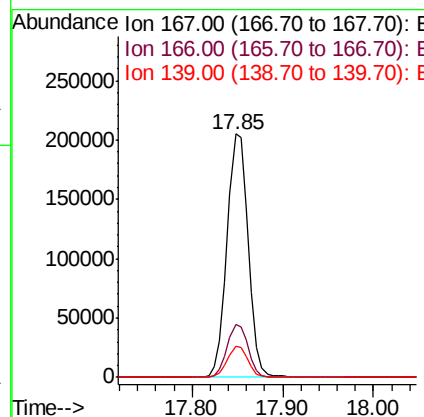
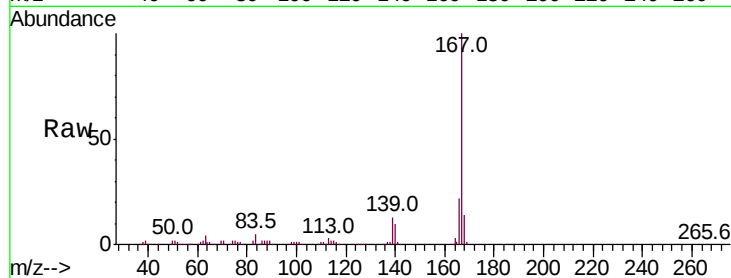
#73
 Carbazole
 Concen: 42.334 ng
 RT: 17.85 min Scan# 2512
 Delta R.T. -0.01 min
 Lab File: BG038706.D
 Acq: 18 Dec 2018 22:36

Instrument :
 BNA_G
 ClientSampleId :
 PB115759BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
167	100				
166	21.8	17.9	26.9		
139	12.7	10.2	15.2		

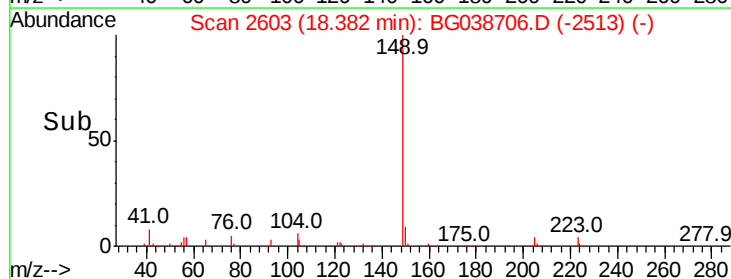
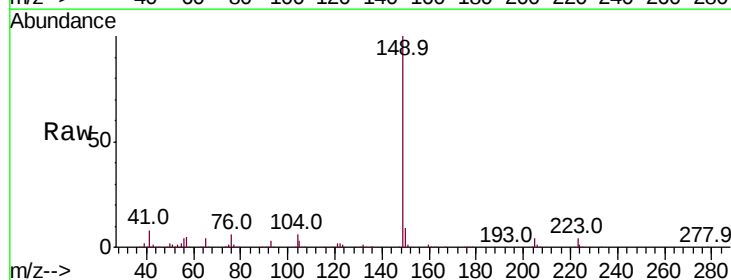
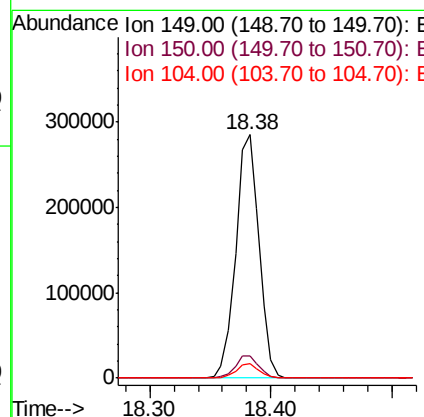
Manual Integrations
 APPROVED

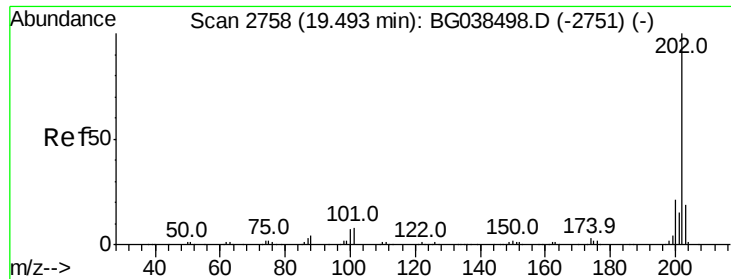
Sohil
 12/19/2018 4:12:29 PM



#74
 Di-n-butylphthalate
 Concen: 42.331 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. -0.00 min
 Lab File: BG038706.D
 Acq: 18 Dec 2018 22:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100				
150	9.0	7.6	11.4		
104	5.8	5.0	7.4		





#75

Fluoranthene

Concen: 46.025 ng

RT: 19.49 min Scan# 2792

Delta R.T. -0.00 min

Lab File: BG038706.D

Acq: 18 Dec 2018 22:36

Instrument :

BNA_G

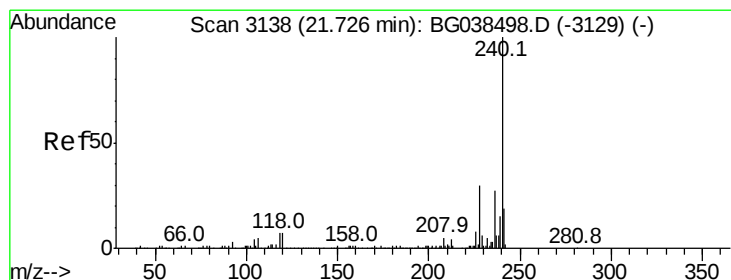
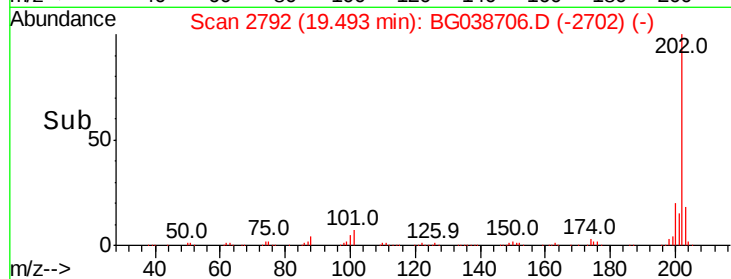
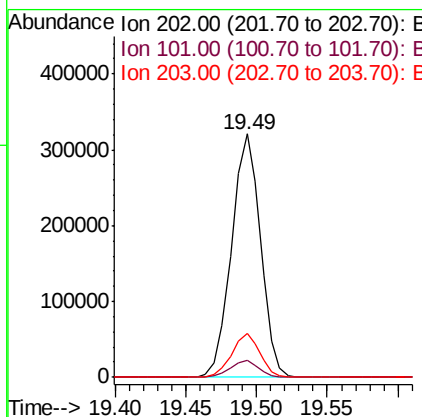
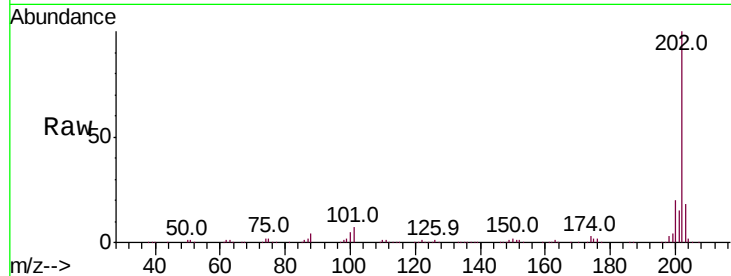
ClientSampleId :

PB115759BS

Tot Ion:	202	Resp:	457716
Ion Ratio	Lower	Upper	
202	100		
101	6.9	0.0	28.1
203	18.1	0.0	39.0

Manual Integrations
APPROVED

Sohil
12/19/2018 4:12:29 PM



#76

Chrysene-d12

Concen: 20.000 ng

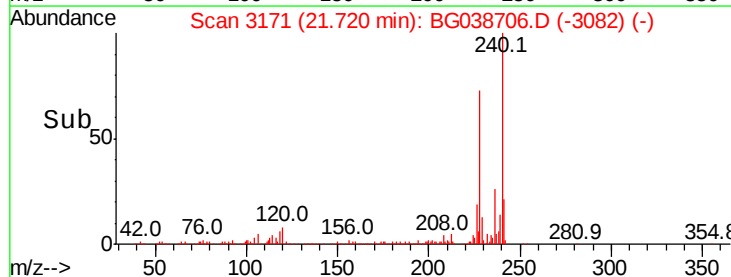
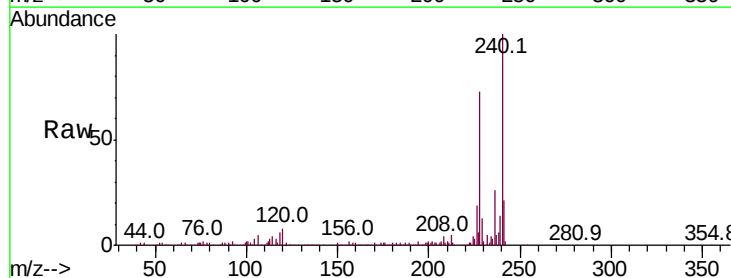
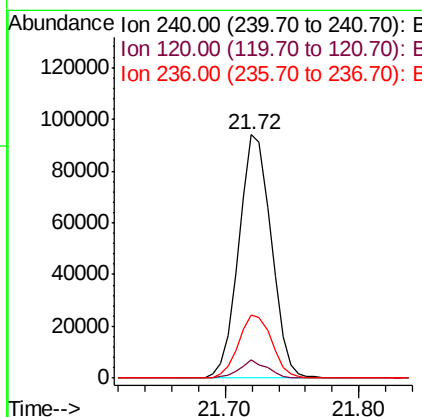
RT: 21.72 min Scan# 3171

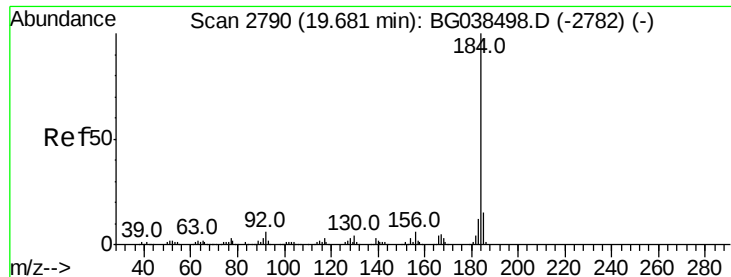
Delta R.T. -0.01 min

Lab File: BG038706.D

Acq: 18 Dec 2018 22:36

Tgt Ion:	240	Resp:	158523
Ion Ratio	Lower	Upper	
240	100		
120	7.8	5.3	7.9
236	25.7	21.4	32.2





#77

Benzidine

Concen: 46.830 ng

RT: 19.68 min Scan# 2823

Delta R.T. -0.01 min

Lab File: BG038706.D

Acq: 18 Dec 2018 22:36

Instrument :

BNA_G

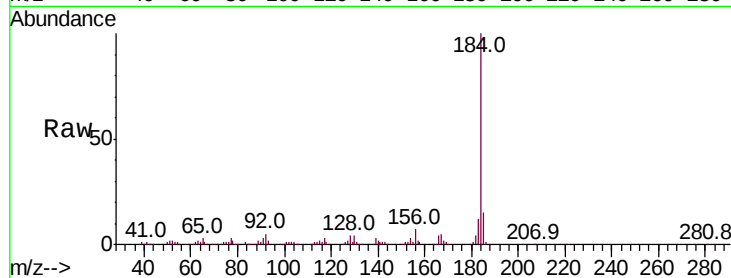
ClientSampleId :

PB115759BS

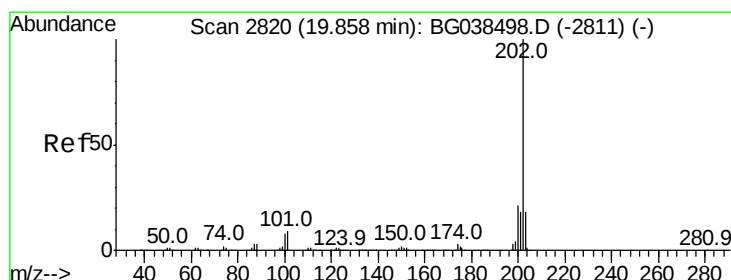
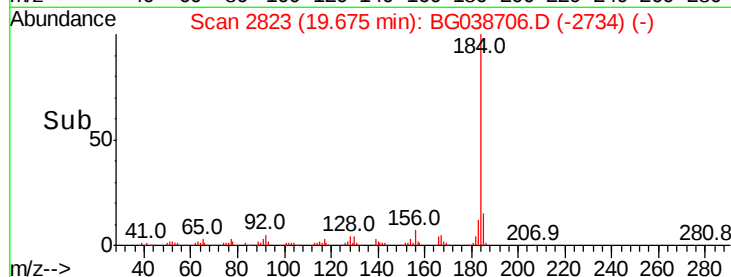
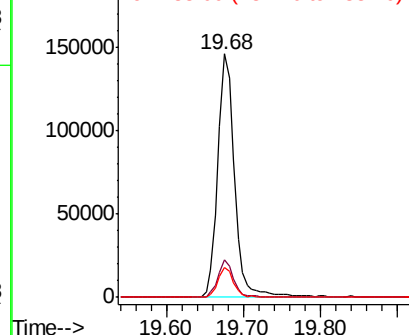
Tot Ion:	184	Resp:	219547
Ion Ratio	Lower	Upper	
184	100		
185	15.4	12.2	18.2
183	12.4	9.6	14.4

Manual Integrations
APPROVED

Sohil
12/19/2018 4:12:29 PM



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



#78

Pyrene

Concen: 43.613 ng

RT: 19.86 min Scan# 2854

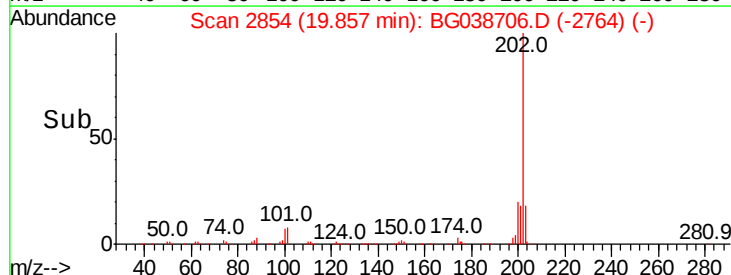
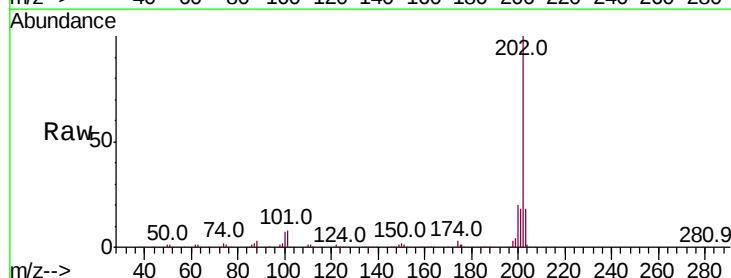
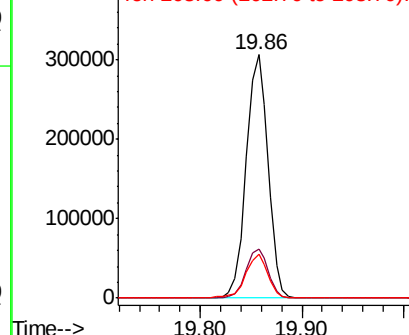
Delta R.T. -0.00 min

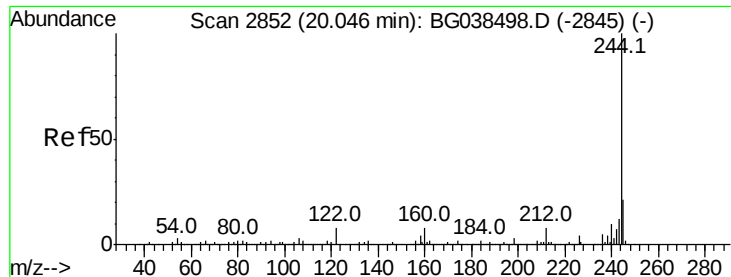
Lab File: BG038706.D

Acq: 18 Dec 2018 22:36

Tgt Ion:	202	Resp:	456732
Ion Ratio	Lower	Upper	
202	100		
200	20.2	16.6	25.0
203	18.2	14.6	21.8

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





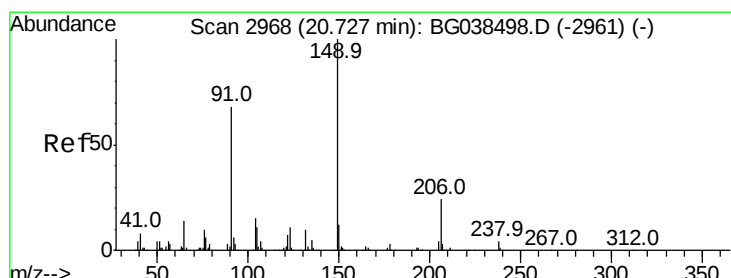
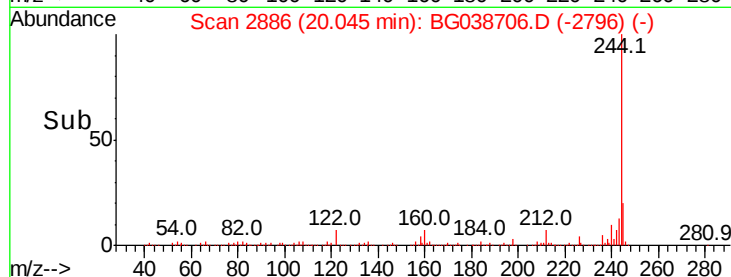
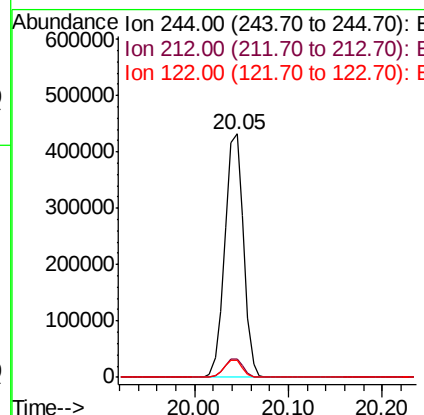
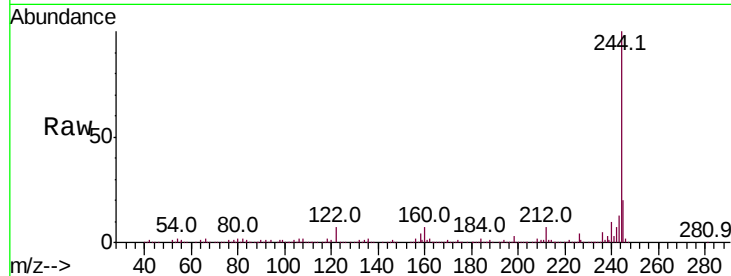
#79
 Terphenyl-d14
 Concen: 82.178 ng
 RT: 20.05 min Scan# 2886
 Delta R.T. 0.00 min
 Lab File: BG038706.D
 Acq: 18 Dec 2018 22:36

Instrument :
 BNA_G
 ClientSampleId :
 PB115759BS

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.4	6.2	9.2	
122	6.8	6.3	9.5	

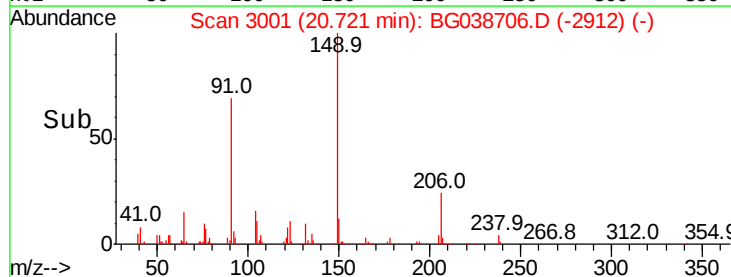
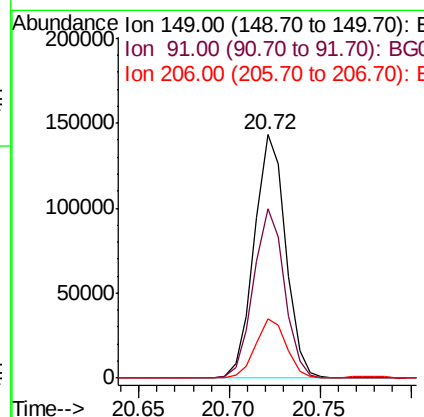
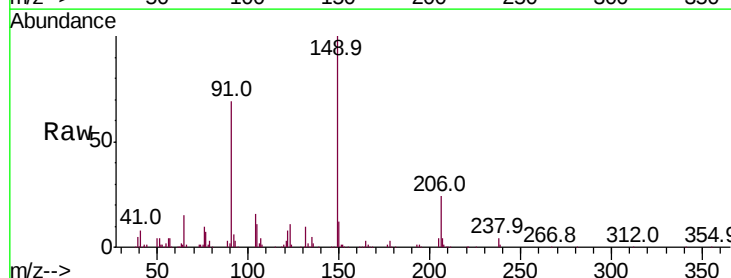
Manual Integrations
 APPROVED

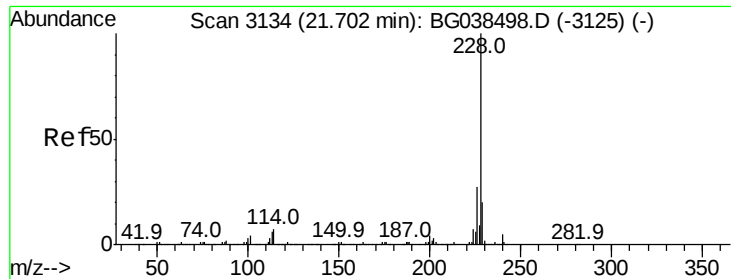
Sohil
 12/19/2018 4:12:29 PM



#80
 Butylbenzylphthalate
 Concen: 42.151 ng
 RT: 20.72 min Scan# 3001
 Delta R.T. -0.01 min
 Lab File: BG038706.D
 Acq: 18 Dec 2018 22:36

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
91	69.4	54.5	81.7	
206	24.2	19.0	28.6	





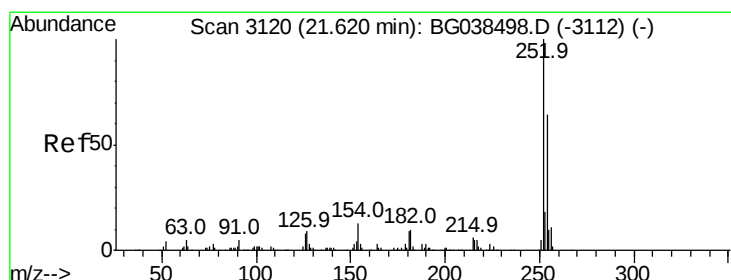
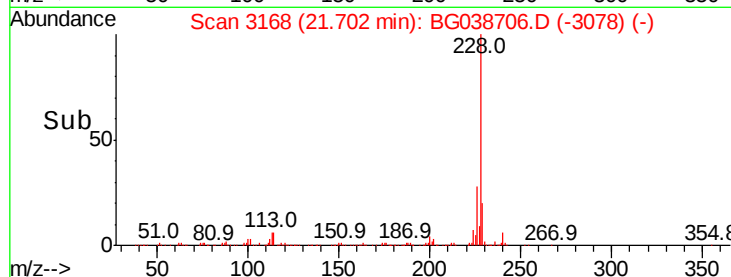
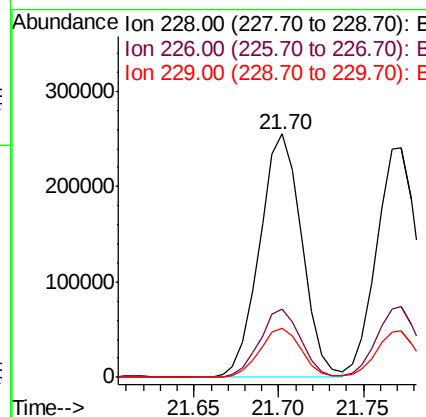
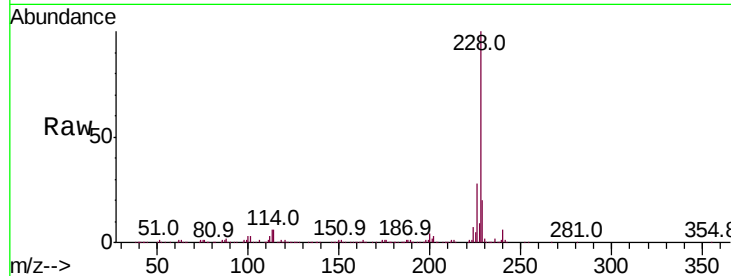
#81
Benzo(a)anthracene
Concen: 45.866 ng
RT: 21.70 min Scan# 3168
Delta R.T. -0.00 min
Lab File: BG038706.D
Acq: 18 Dec 2018 22:36

Instrument :
BNA_G
ClientSampleId :
PB115759BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.2	21.8	32.8
229	20.4	15.8	23.6

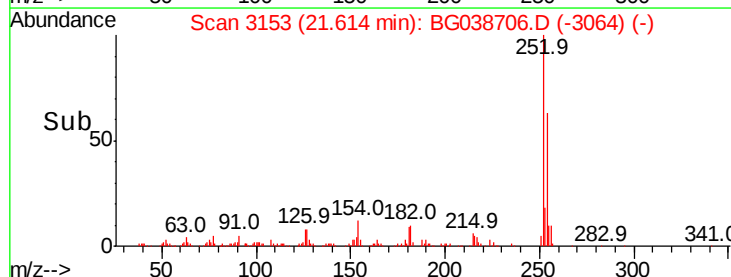
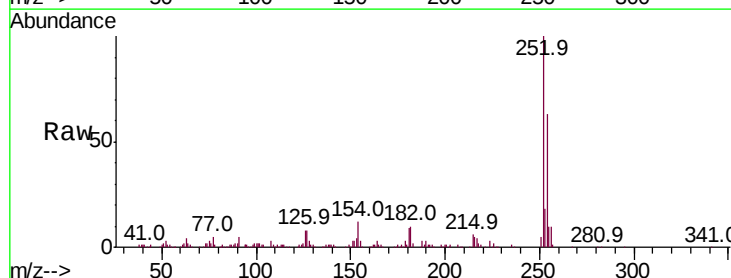
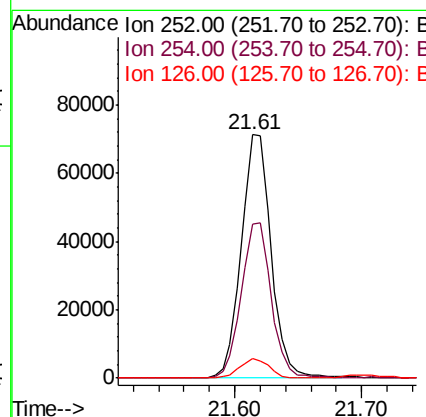
Manual Integrations
APPROVED

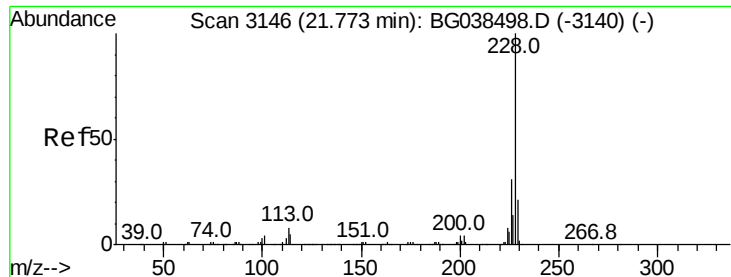
Sohil
12/19/2018 4:12:29 PM



#82
3,3'-Dichlorobenzidine
Concen: 30.339 ng
RT: 21.61 min Scan# 3153
Delta R.T. -0.01 min
Lab File: BG038706.D
Acq: 18 Dec 2018 22:36

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.2	50.9	76.3
126	7.8	6.3	9.5





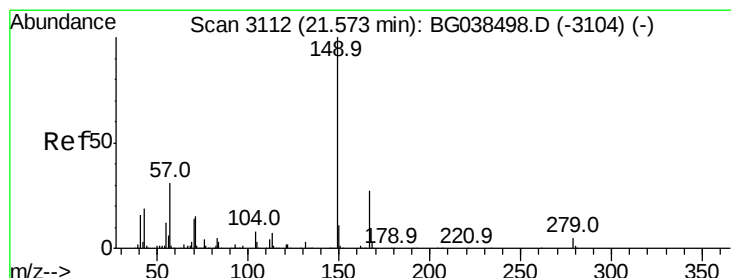
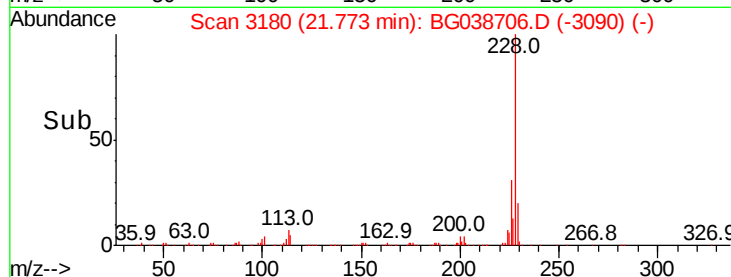
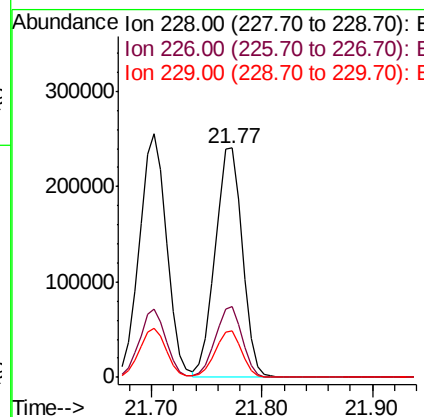
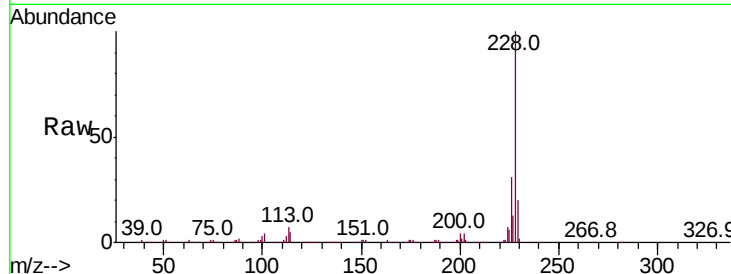
#83
 Chrysene
 Concen: 43.942 ng
 RT: 21.77 min Scan# 3180
 Delta R.T. -0.00 min
 Lab File: BG038706.D
 Acq: 18 Dec 2018 22:36

Instrument :
 BNA_G
 ClientSampleId :
 PB115759BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.4
229	20.3	16.5	24.7

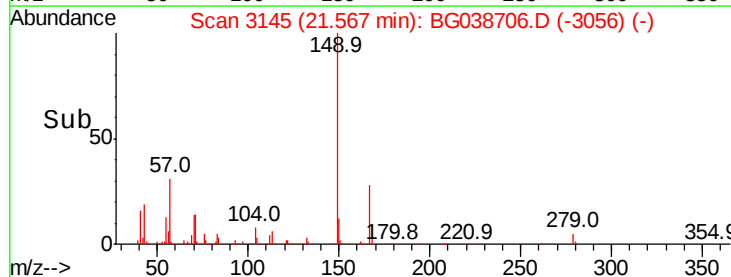
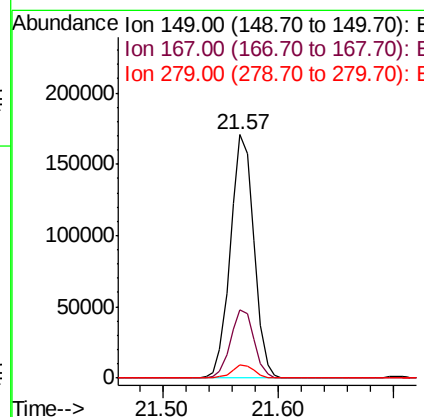
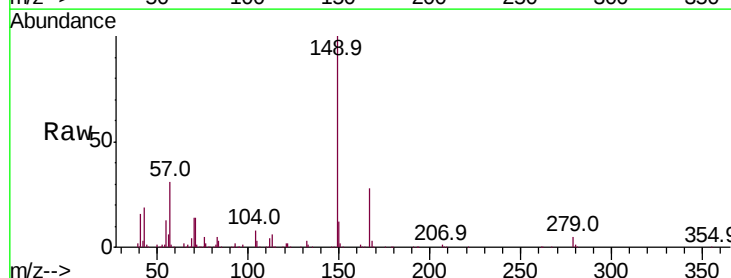
Manual Integrations
 APPROVED

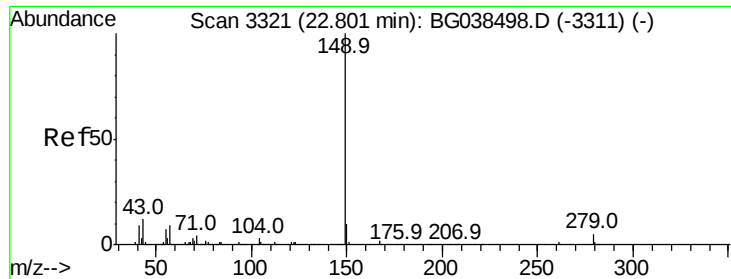
Sohil
 12/19/2018 4:12:29 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.523 ng
 RT: 21.57 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG038706.D
 Acq: 18 Dec 2018 22:36

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.0	21.9	32.9
279	5.2	4.2	6.2





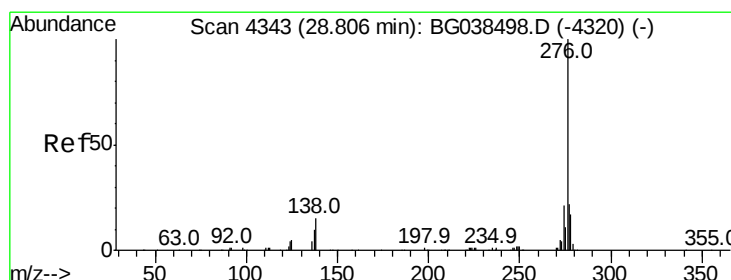
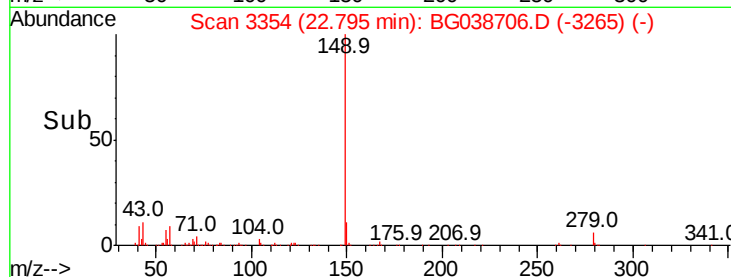
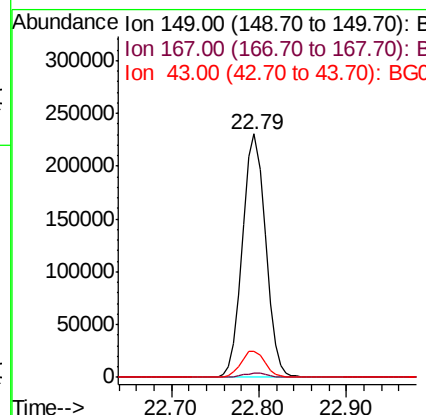
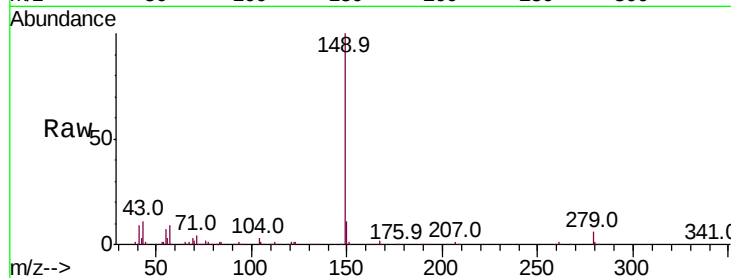
#85
Di-n-octyl phthalate
Concen: 42.095 ng
RT: 22.79 min Scan# 3354
Delta R.T. -0.01 min
Lab File: BG038706.D
Acq: 18 Dec 2018 22:36

Instrument :
BNA_G
ClientSampleId :
PB115759BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.8	1.2	1.8	
43	11.5	9.3	13.9	

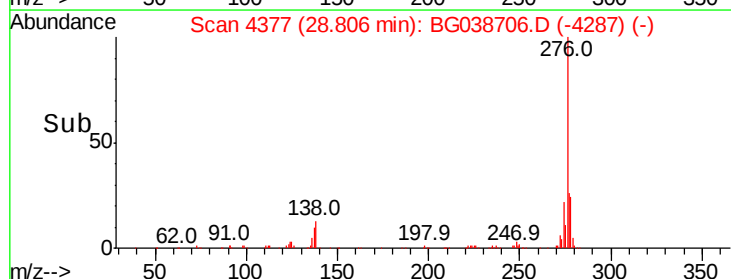
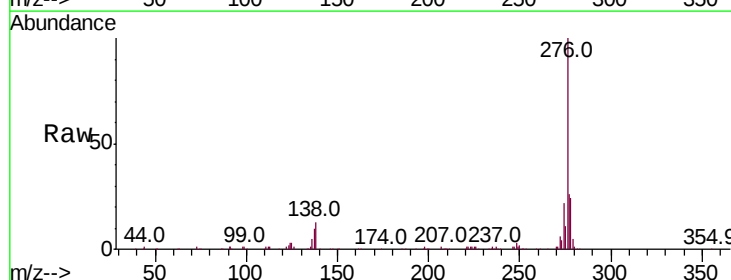
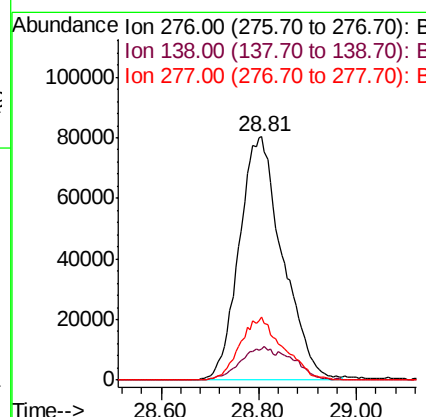
Manual Integrations
APPROVED

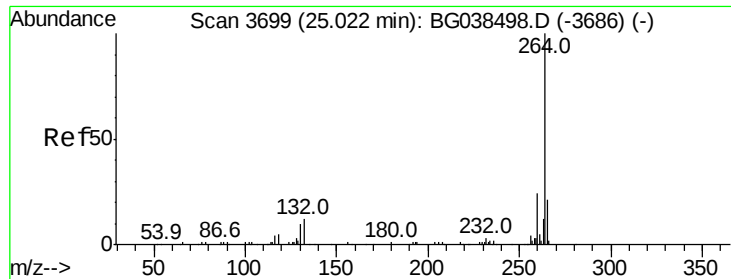
Sohil
12/19/2018 4:12:29 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 45.409 ng
RT: 28.81 min Scan# 4377
Delta R.T. -0.00 min
Lab File: BG038706.D
Acq: 18 Dec 2018 22:36

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	10.2	14.4	21.6#	
277	25.6	0.0	0.0#	





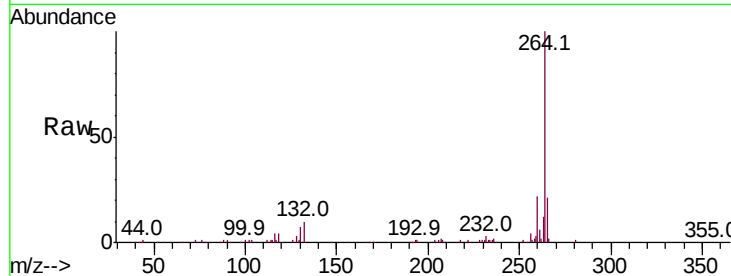
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3732
Delta R.T. -0.01 min
Lab File: BG038706.D
Acq: 18 Dec 2018 22:36

Instrument :
BNA_G
ClientSampleId :
PB115759BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.9	28.3
265	20.9	17.0	25.4

Manual Integrations
APPROVED

Sohil
12/19/2018 4:12:29 PM

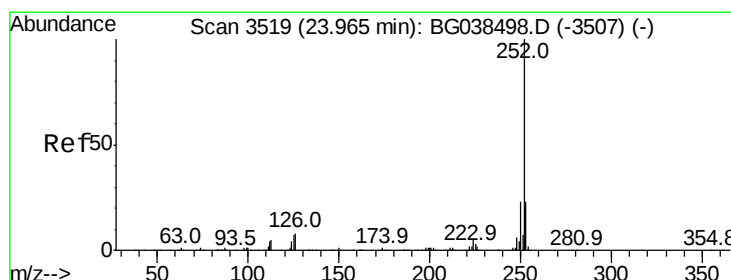
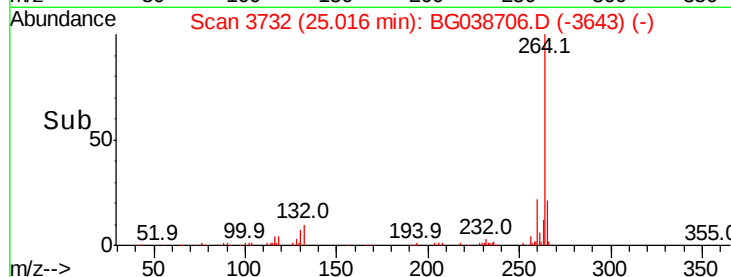
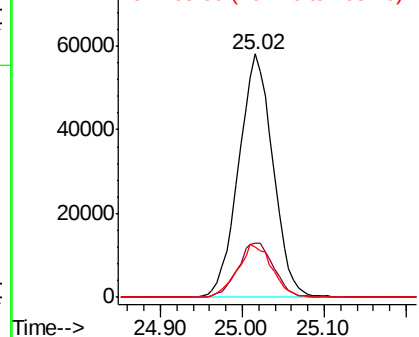


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 47.667 ng
RT: 23.96 min Scan# 3553
Delta R.T. -0.00 min
Lab File: BG038706.D
Acq: 18 Dec 2018 22:36

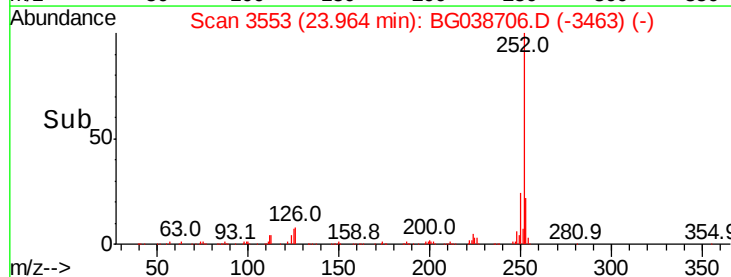
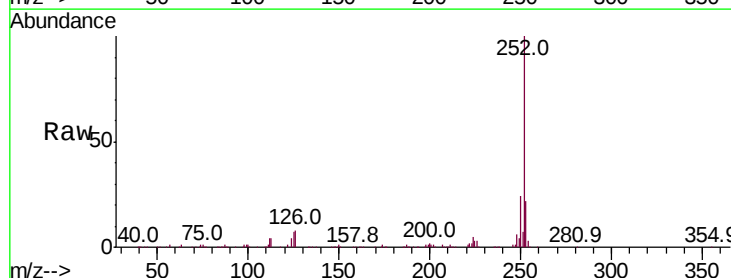
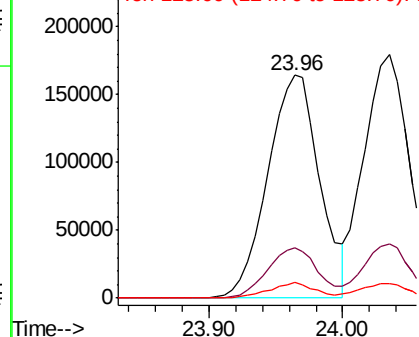
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	7.3	5.5	8.3

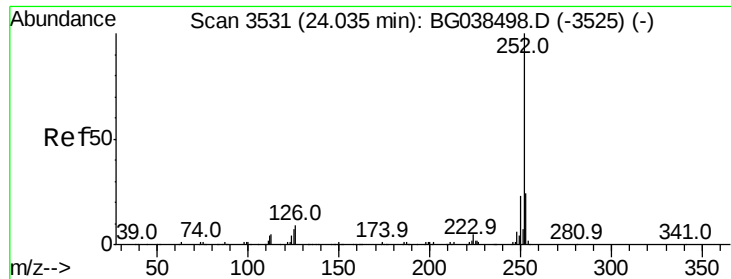
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





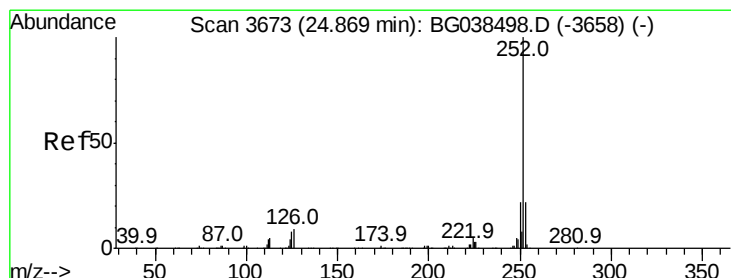
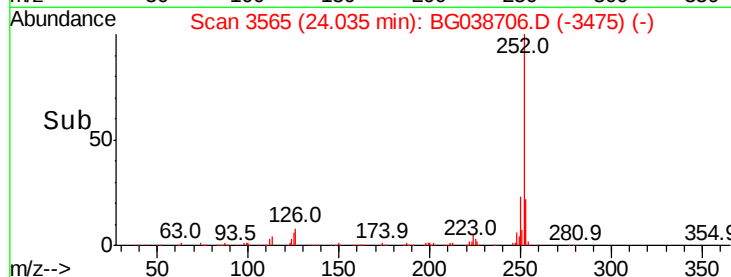
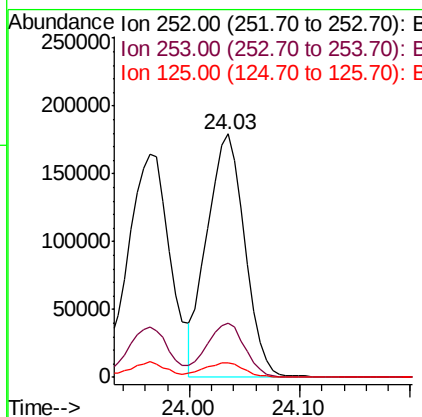
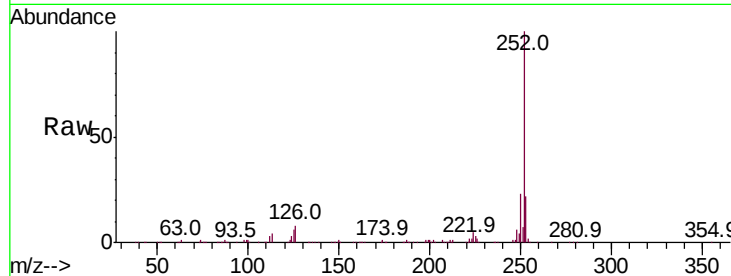
#89
Benzo(k)fluoranthene
Concen: 45.800 ng
RT: 24.03 min Scan# 3565
Delta R.T. -0.00 min
Lab File: BG038706.D
Acq: 18 Dec 2018 22:36

Instrument :
BNA_G
ClientSampleId :
PB115759BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.9	28.3
125	6.2	5.4	8.2

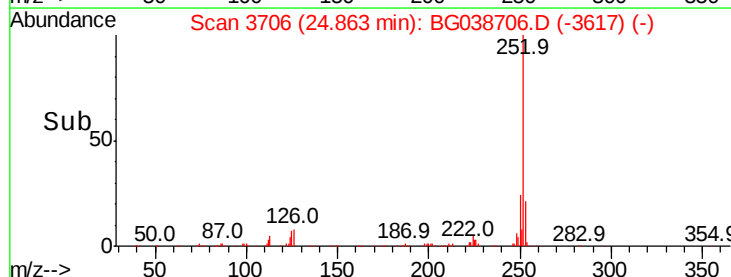
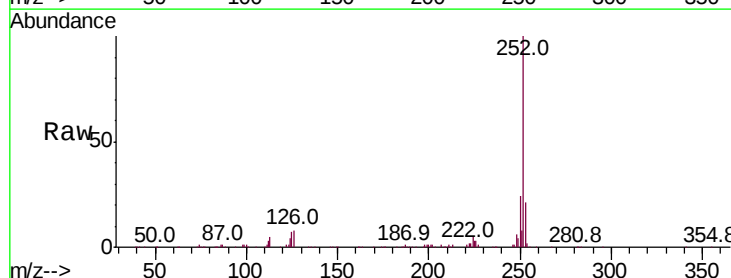
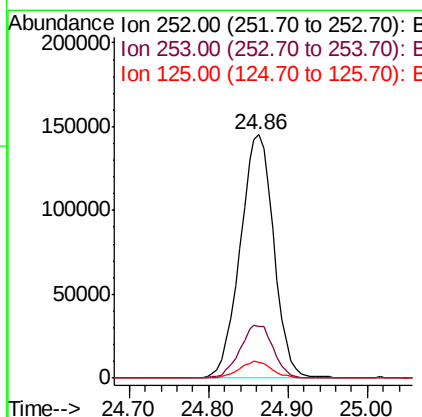
Manual Integrations
APPROVED

Sohil
12/19/2018 4:12:29 PM



#90
Benzo(a)pyrene
Concen: 47.685 ng
RT: 24.86 min Scan# 3706
Delta R.T. -0.01 min
Lab File: BG038706.D
Acq: 18 Dec 2018 22:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.4	26.0
125	6.7	6.4	9.6





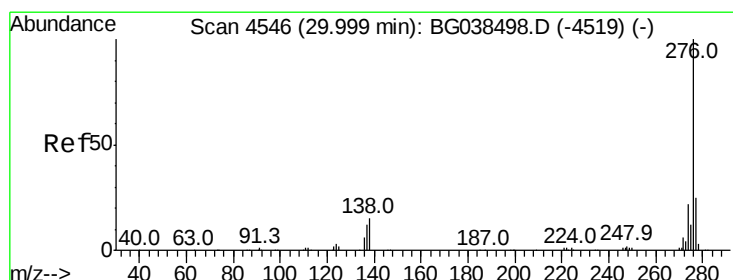
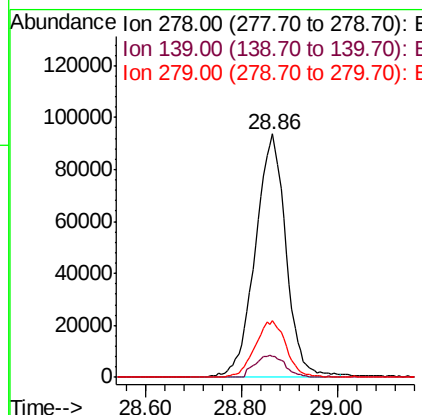
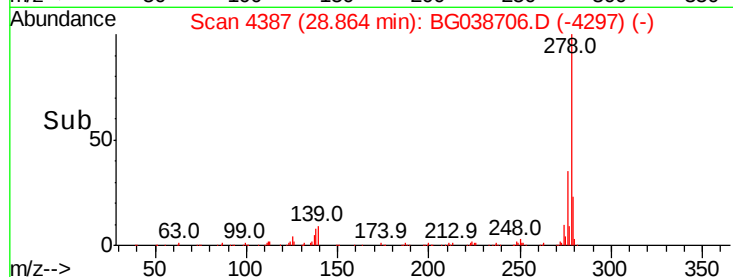
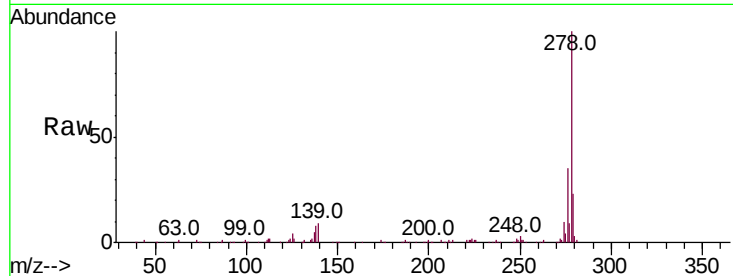
#91
Dibenzo(a,h)anthracene
Concen: 46.691 ng
RT: 28.86 min Scan# 4387
Delta R.T. -0.00 min
Lab File: BG038706.D
Acq: 18 Dec 2018 22:36

Instrument :
BNA_G
ClientSampleId :
PB115759BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.7	8.6	12.8
279	23.3	19.0	28.6

Manual Integrations
APPROVED

Sohil
12/19/2018 4:12:29 PM



#92
Benzo(g,h,i)perylene
Concen: 46.772 ng
RT: 30.00 min Scan# 4580
Delta R.T. -0.00 min
Lab File: BG038706.D
Acq: 18 Dec 2018 22:36

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.8	29.8
138	11.8	11.8	17.6

