

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121818\
 Data File : BG038698.D
 Acq On : 18 Dec 2018 17:20
 Operator : JU/SJ
 Sample : PB115750BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115750BS

Manual Integrations
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 12/19/2018 4:12:23 PM

Quant Time: Dec 19 07:18:31 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	22482	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	85574	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	57915	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	150495	20.00	ng	0.00
76) Chrysene-d12	21.72	240	149910	20.00	ng	0.00
87) Perylene-d12	25.02	264	162529	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	173003	136.49	ng	0.00
7) Phenol-d6	7.21	99	232743	133.75	ng	0.00
23) Nitrobenzene-d5	9.23	82	118101	70.51	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	115262	144.41	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	296574	70.25	ng	0.00
79) Terphenyl-d14	20.04	244	581310	84.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	20026	33.946	ng	95
3) Pyridine	3.89	79	54290	33.425	ng	88
4) n-Nitrosodimethylamine	3.82	42	36801	46.242	ng	# 84
6) Aniline	7.38	93	66433	29.907	ng	98
8) 2-Chlorophenol	7.62	128	61362	41.832	ng	96
9) Benzaldehyde	7.20	77	20183	17.880	ng	90
10) Phenol	7.24	94	78560	42.495	ng	98
11) bis(2-Chloroethyl)ether	7.48	93	50814	34.524	ng	98
12) 1,3-Dichlorobenzene	7.94	146	66032	38.072	ng	96
13) 1,4-Dichlorobenzene	8.09	146	66613	37.501	ng	99
14) 1,2-Dichlorobenzene	8.41	146	64010	38.224	ng	98
15) Benzyl Alcohol	8.30	79	55750	41.046	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.58	45	115976	34.398	ng	97
17) 2-Methylphenol	8.50	107	52838	42.660	ng	96
18) Hexachloroethane	9.13	117	24511	37.763	ng	93
19) n-Nitroso-di-n-propylamine	8.86	70	43353	35.473	ng	98
20) 3+4-Methylphenols	8.82	107	72713	42.508	ng	100
22) Acetophenone	8.89	105	88296	41.309	ng	# 99
24) Nitrobenzene	9.27	77	69038	40.741	ng	99
25) Isophorone	9.79	82	124269	41.291	ng	98
26) 2-Nitrophenol	9.99	139	36145	41.675	ng	92
27) 2,4-Dimethylphenol	10.03	122	61397	49.395	ng	97
28) bis(2-Chloroethoxy)methane	10.27	93	70037	41.237	ng	97
29) 2,4-Dichlorophenol	10.52	162	65982	47.716	ng	100
30) 1,2,4-Trichlorobenzene	10.73	180	69346	41.517	ng	97
31) Naphthalene	10.93	128	190874	45.270	ng	98
32) Benzoic acid	10.19	122	25918m	36.040	ng	
33) 4-Chloroaniline	11.04	127	44032	24.054	ng	97
34) Hexachlorobutadiene	11.18	225	45783	40.509	ng	94
35) Caprolactam	11.82	113	22188m	38.772	ng	
36) 4-Chloro-3-methylphenol	12.15	107	69536	44.066	ng	97
37) 2-Methylnaphthalene	12.52	142	143836	47.818	ng	99
38) 1-Methylnaphthalene	12.74	142	136422	46.738	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	85675	39.576	ng	99

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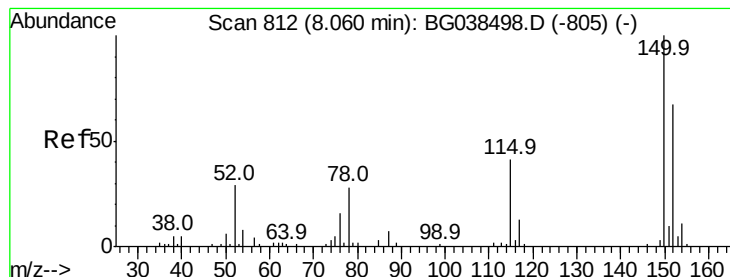
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	104157	87.574	ng	95
43) 2,4,6-Trichlorophenol	13.13	196	58325	43.818	ng	94
44) 2,4,5-Trichlorophenol	13.21	196	64641	45.867	ng	99
46) 1,1'-Biphenyl	13.53	154	188148	38.752	ng	99
47) 2-Chloronaphthalene	13.58	162	151572	40.416	ng	98
48) 2-Nitroaniline	13.79	65	49492	41.431	ng	95
49) Acenaphthylene	14.42	152	246912	44.039	ng	100
50) Dimethylphthalate	14.15	163	196464	41.540	ng	99
51) 2,6-Dinitrotoluene	14.27	165	44414	41.439	ng	97
52) Acenaphthene	14.76	154	142570	42.526	ng	97
53) 3-Nitroaniline	14.61	138	33540	30.698	ng	90
54) 2,4-Dinitrophenol	14.82	184	43496	68.969	ng	98
55) Dibenzofuran	15.09	168	241323	41.993	ng	98
56) 4-Nitrophenol	14.92	139	67533	81.478	ng	97
57) 2,4-Dinitrotoluene	15.06	165	64626	42.811	ng	96
58) Fluorene	15.74	166	195945	46.021	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.31	232	57446	45.306	ng	99
60) Diethylphthalate	15.50	149	206931	39.856	ng	100
61) 4-Chlorophenyl-phenylether	15.73	204	109344	41.161	ng	100
62) 4-Nitroaniline	15.78	138	47593	42.312	ng	93
63) Azobenzene	16.02	77	177340	40.887	ng	97
65) 4,6-Dinitro-2-methylphenol	15.82	198	40069	37.324	ng	97
66) n-Nitrosodiphenylamine	15.94	169	180265	40.767	ng	97
67) 4-Bromophenyl-phenylether	16.62	248	73802	40.154	ng	96
68) Hexachlorobenzene	16.74	284	77046	40.438	ng	99
69) Atrazine	16.89	200	73946	45.061	ng	95
70) Pentachlorophenol	17.09	266	80186	71.154	ng	95
71) Phenanthrene	17.49	178	343539	44.020	ng	99
72) Anthracene	17.58	178	348305	45.209	ng	99
73) Carbazole	17.85	167	306750	40.259	ng	99
74) Di-n-butylphthalate	18.38	149	360066	41.184	ng	99
75) Fluoranthene	19.49	202	427482	44.272	ng	98
77) Benzidine	19.68	184	195995	44.208	ng	98
78) Pyrene	19.86	202	420624	42.472	ng	100
80) Butylbenzylphthalate	20.73	149	162965	42.119	ng	97
81) Benzo(a)anthracene	21.70	228	409878	44.870	ng	98
82) 3,3'-Dichlorobenzidine	21.62	252	106034	29.268	ng	99
83) Chrysene	21.77	228	381879	43.402	ng	98
84) Bis(2-ethylhexyl)phthalate	21.57	149	225841	41.155	ng	99
85) Di-n-octyl phthalate	22.80	149	384798	41.870	ng	99
86) Indeno(1,2,3-cd)pyrene	28.80	276	462008	44.664	ng	# 84
88) Benzo(b)fluoranthene	23.96	252	402842	45.144	ng	99
89) Benzo(k)fluoranthene	24.03	252	398524	44.849	ng	97
90) Benzo(a)pyrene	24.86	252	395185	45.905	ng	98
91) Dibenzo(a,h)anthracene	28.87	278	382629	44.639	ng	97
92) Benzo(g,h,i)perylene	29.99	276	379498	44.925	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.06 min Scan# 846

Delta R.T. -0.00 min

Lab File: BG038698.D

Acq: 18 Dec 2018 17:20

Instrument :

BNA_G

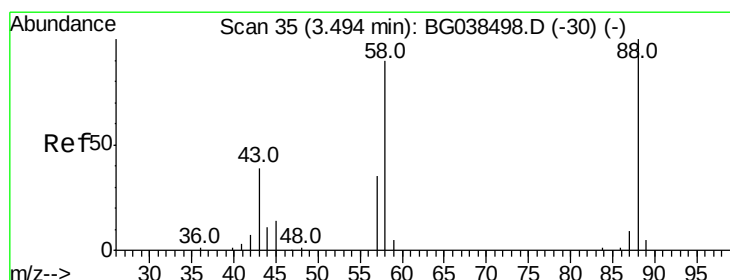
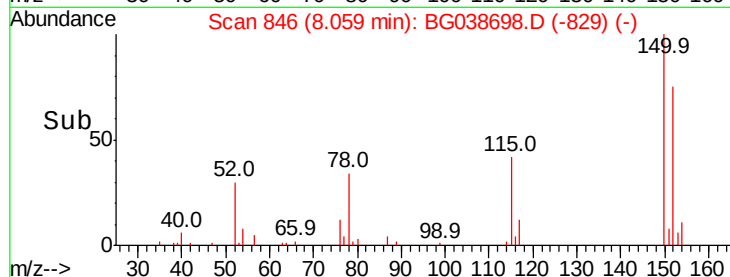
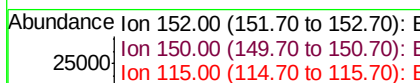
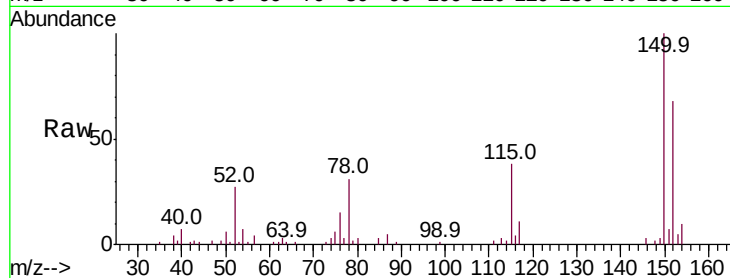
ClientSampled :

PB115750BS

Tot Ion:	152	Resp:	22482
Ion Ratio	Lower	Upper	
152	100		
150	146.0	119.5	179.3
115	56.0	49.6	74.4

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#2

1,4-Dioxane

Concen: 33.946 ng

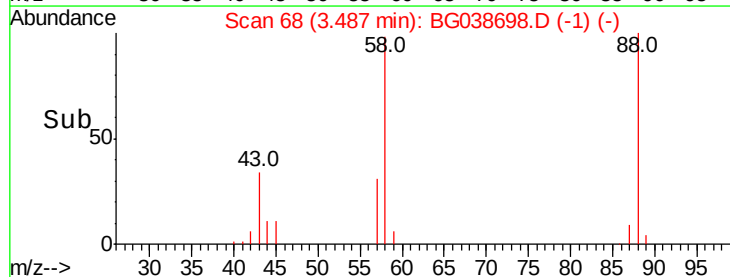
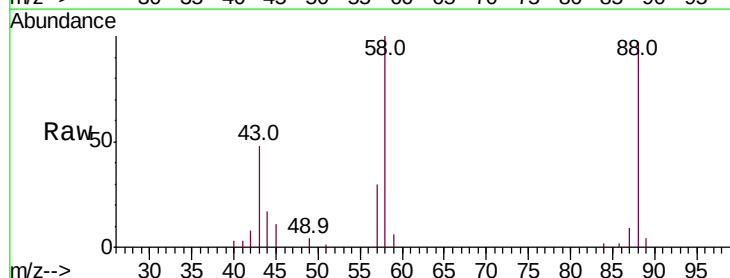
RT: 3.49 min Scan# 68

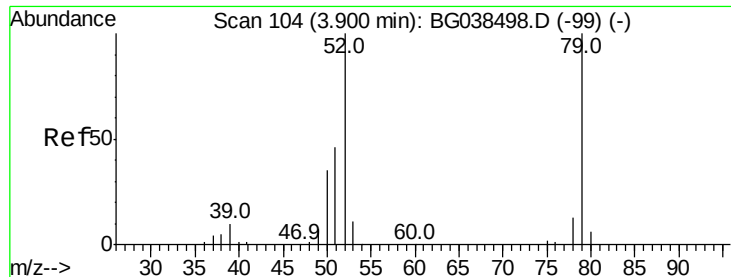
Delta R.T. -0.01 min

Lab File: BG038698.D

Acq: 18 Dec 2018 17:20

Tgt Ion:	88	Resp:	20026
Ion Ratio	Lower	Upper	
88	100		
58	100.2	75.7	113.5
43	41.0	31.6	47.4





#3

Pvridine

Concen: 33.425 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.01 min

Lab File: BG038698.D

Acq: 18 Dec 2018 17:20

Instrument :

BNA_G

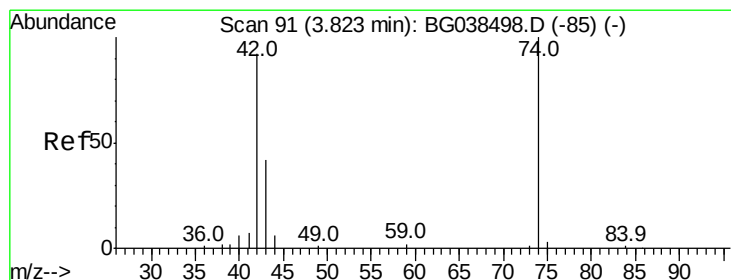
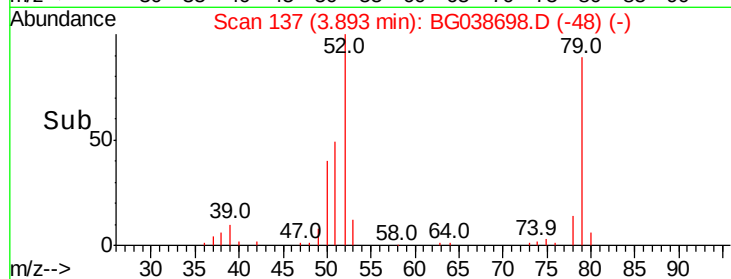
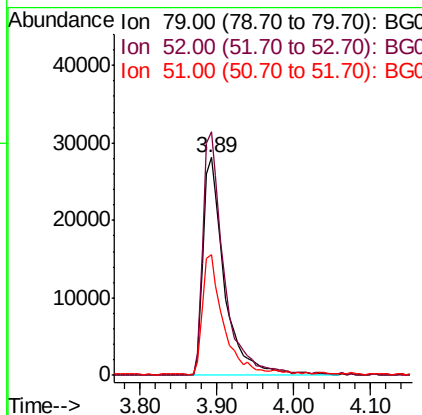
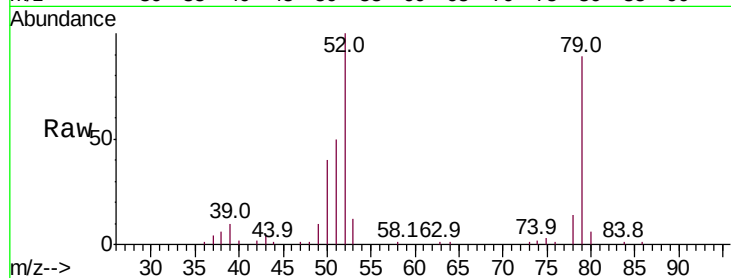
ClientSampleId :

PB115750BS

Tot Ion:	79	Resp:	54290
Ion	Ratio	Lower	Upper
79	100		
52	111.9	80.2	120.2
51	55.8	38.0	57.0

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 46.242 ng

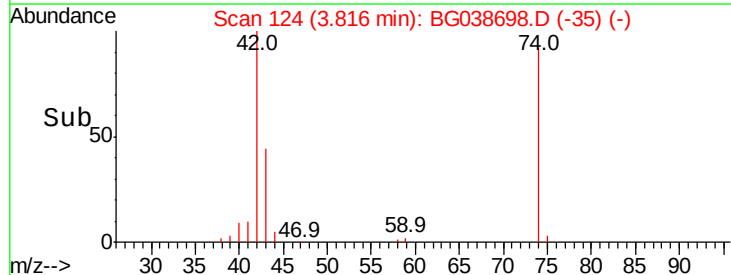
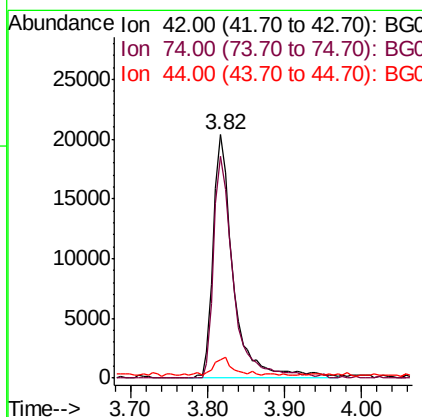
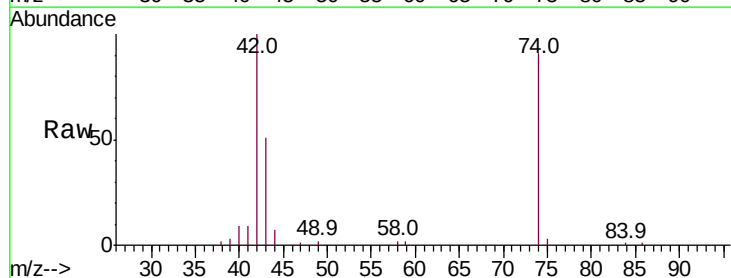
RT: 3.82 min Scan# 124

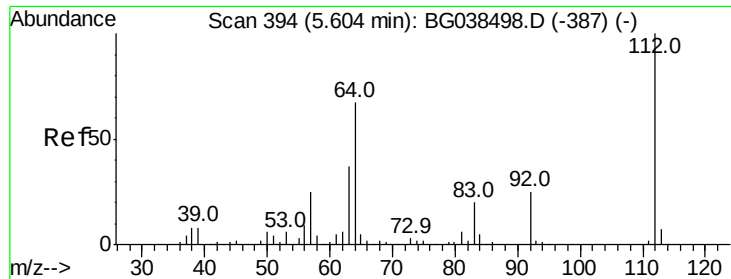
Delta R.T. -0.01 min

Lab File: BG038698.D

Acq: 18 Dec 2018 17:20

Tgt Ion:	42	Resp:	36801
Ion	Ratio	Lower	Upper
42	100		
74	90.9	86.7	130.1
44	7.5	7.8	11.8#





#5

2-Fluorophenol

Concen: 136.486 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.01 min

Lab File: BG038698.D

Acq: 18 Dec 2018 17:20

Instrument :

BNA_G

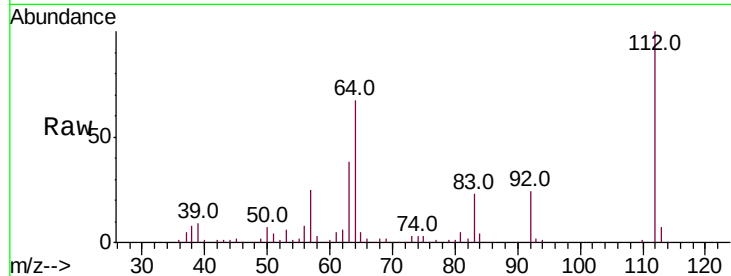
ClientSampleId :

PB115750BS

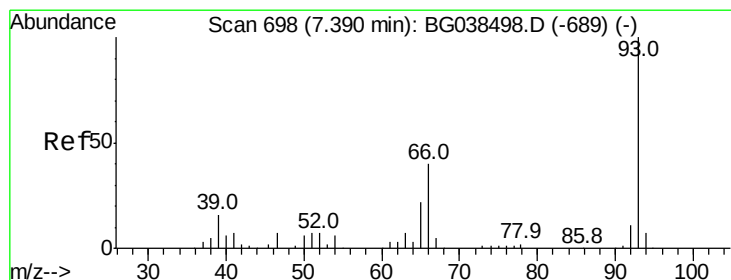
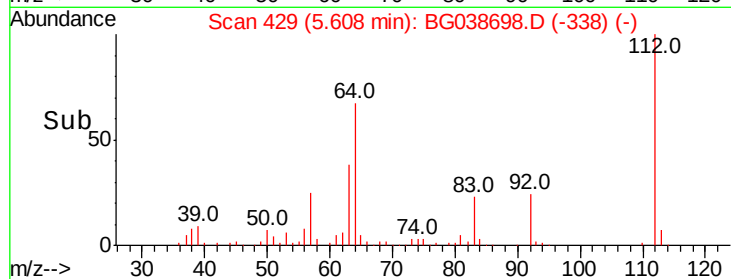
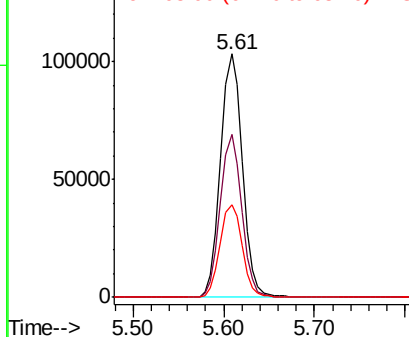
Tot Ion:	112	Resp:	173003
Ion Ratio	Lower	Upper	
112	100		
64	66.9	53.4	80.2
63	38.3	29.3	43.9

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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: 29.907 ng

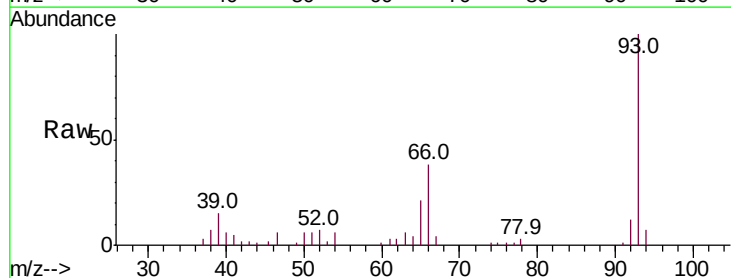
RT: 7.38 min Scan# 731

Delta R.T. -0.01 min

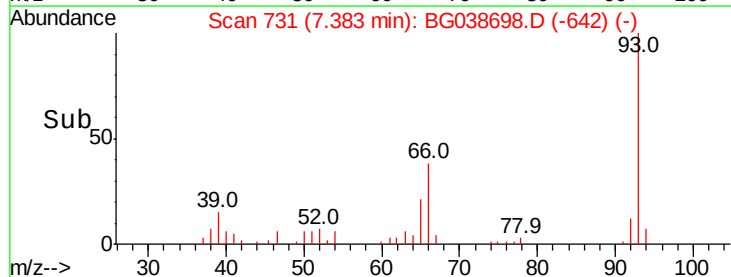
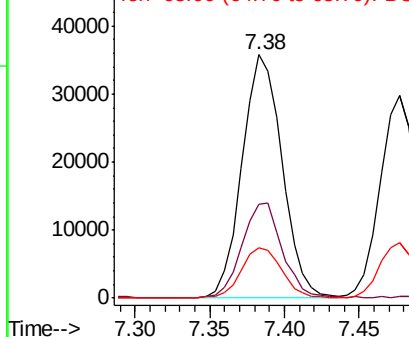
Lab File: BG038698.D

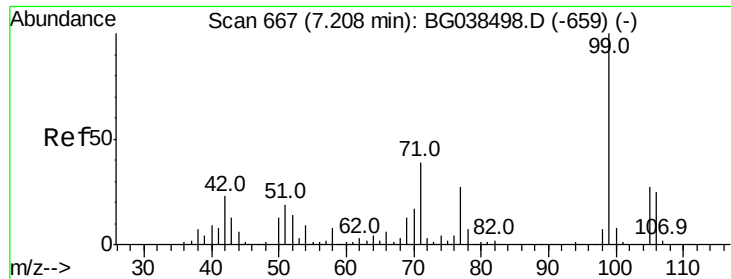
Acq: 18 Dec 2018 17:20

Tgt Ion:	93	Resp:	66433
Ion Ratio	Lower	Upper	
93	100		
66	38.4	31.7	47.5
65	20.8	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: 133.752 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038698.D

Acq: 18 Dec 2018 17:20

Instrument :

BNA_G

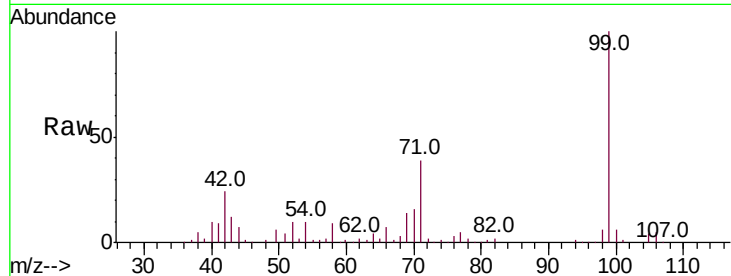
ClientSampleId :

PB115750BS

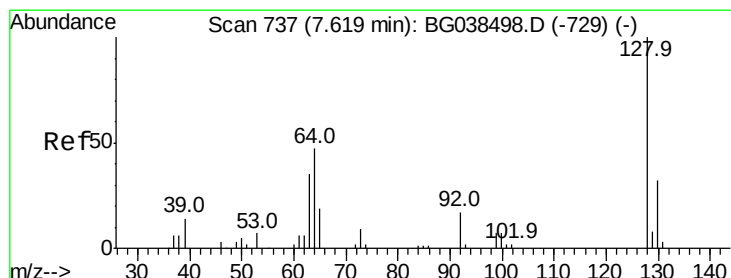
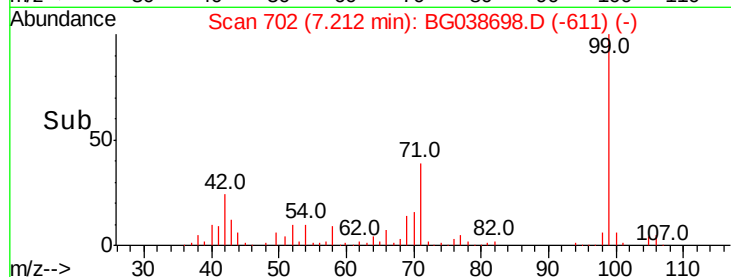
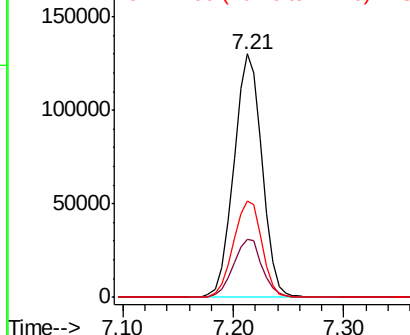
Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		232743		
42	24.1	18.5	27.7		
71	39.4	31.1	46.7		

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



#8

2-Chlorophenol

Concen: 41.832 ng

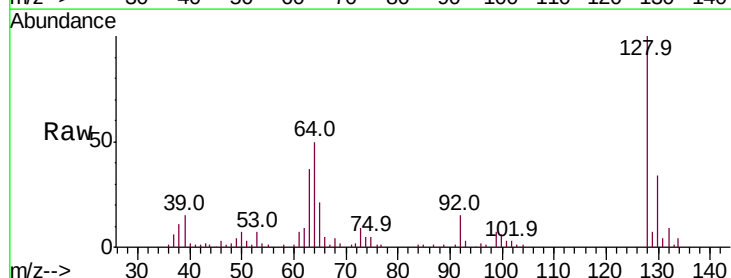
RT: 7.62 min Scan# 771

Delta R.T. -0.00 min

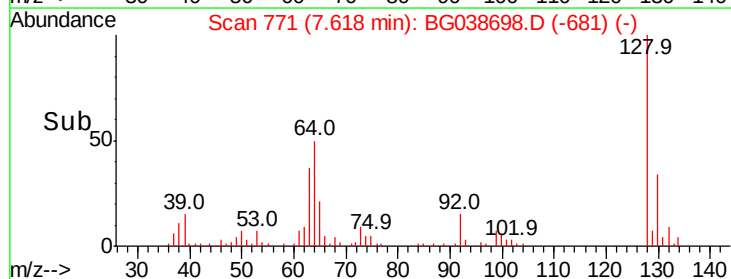
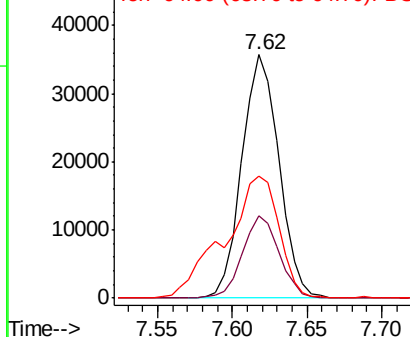
Lab File: BG038698.D

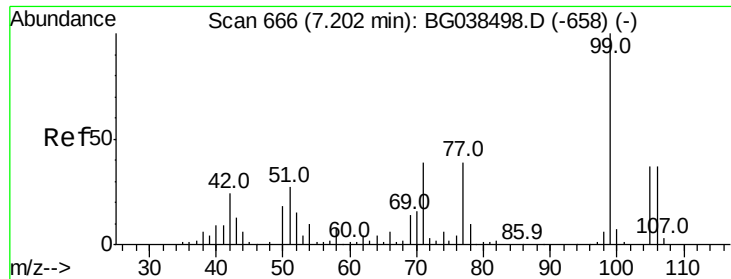
Acq: 18 Dec 2018 17:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		61362		
130	33.9	11.8	51.8		
64	50.2	33.2	73.2		



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





#9

Benzaldehyde

Concen: 17.880 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG038698.D

Acq: 18 Dec 2018 17:20

Instrument :

BNA_G

ClientSampleId :

PB115750BS

Tot Ion: 77 Resp: 20183

Ion Ratio Lower Upper

77 100

105 108.3 74.0 114.0

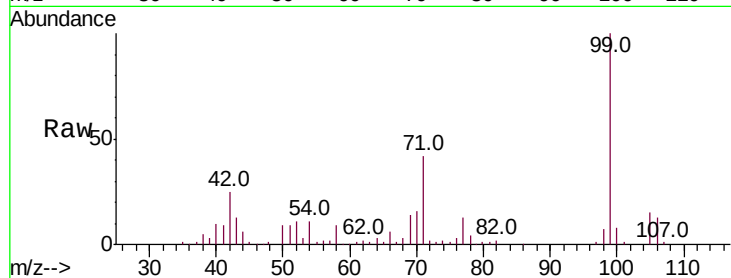
106 99.6 73.9 113.9

Manual Integrations

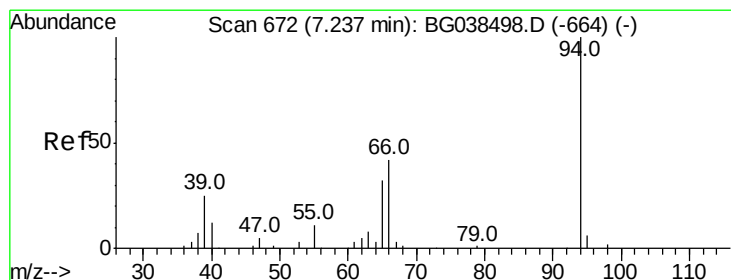
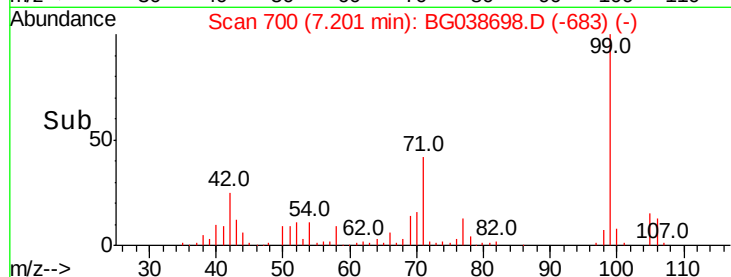
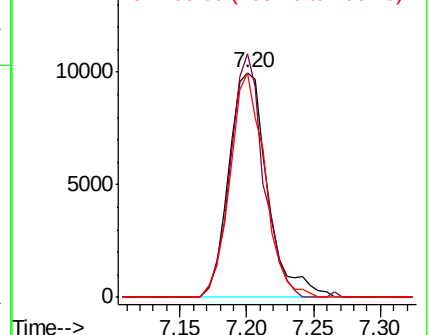
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 42.495 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG038698.D

Acq: 18 Dec 2018 17:20

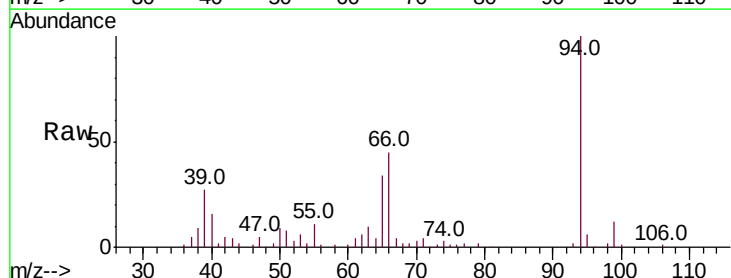
Tgt Ion: 94 Resp: 78560

Ion Ratio Lower Upper

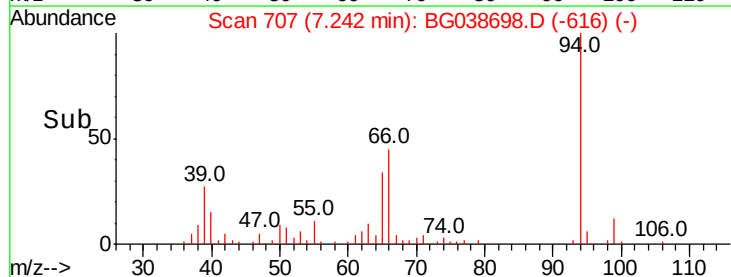
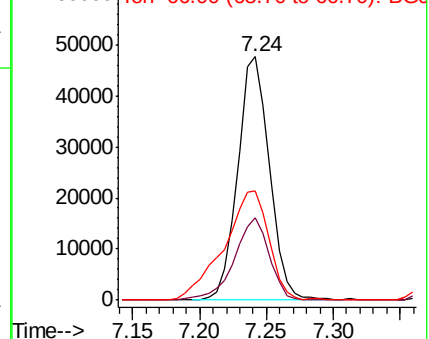
94 100

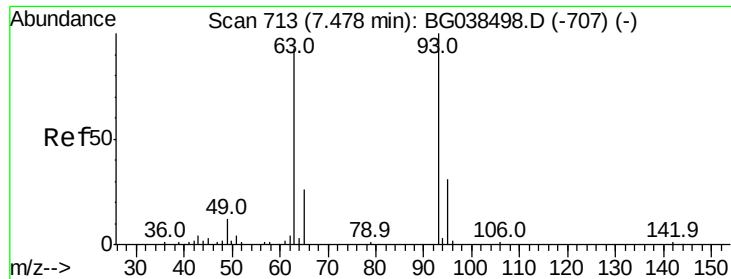
65 34.0 12.6 52.6

66 45.0 24.1 64.1



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





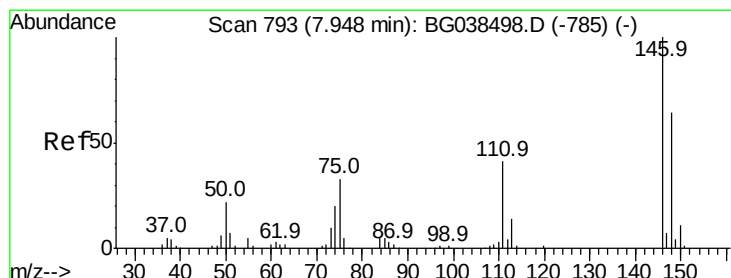
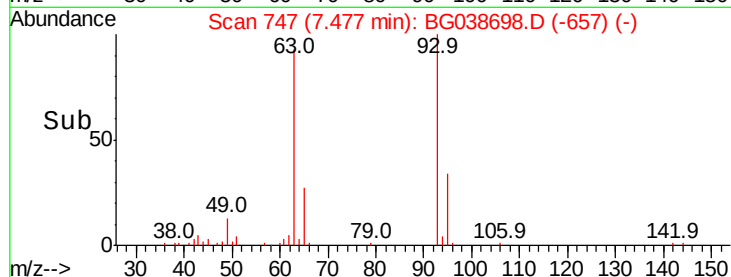
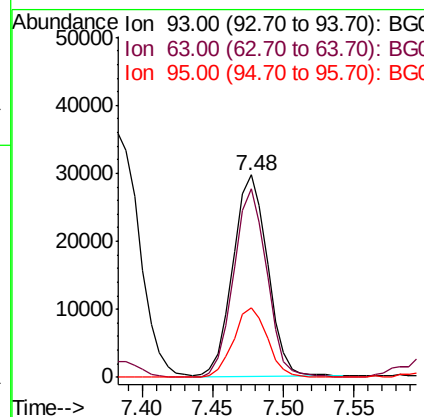
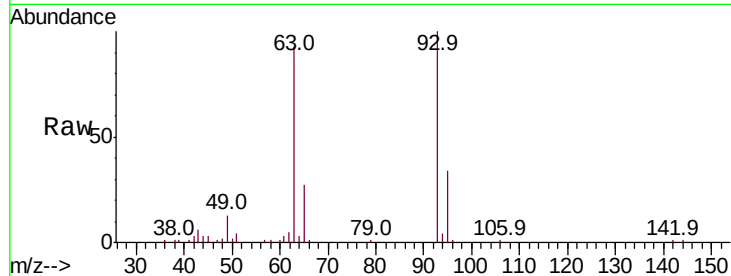
#11
bis(2-Chloroethyl)ether
Concen: 34.524 ng
RT: 7.48 min Scan# 747
Delta R.T. -0.00 min
Lab File: BG038698.D
Acq: 18 Dec 2018 17:20

Instrument :
BNA_G
ClientSampleId :
PB115750BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	93.1	72.2	112.2
95	34.3	11.2	51.2

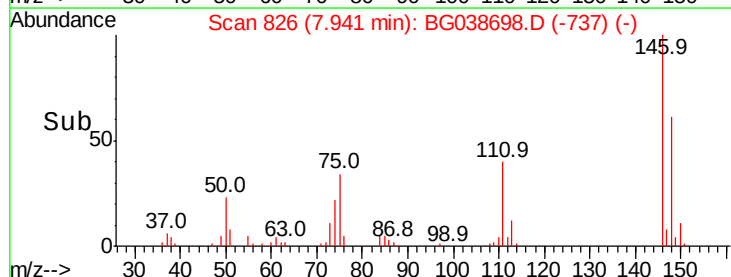
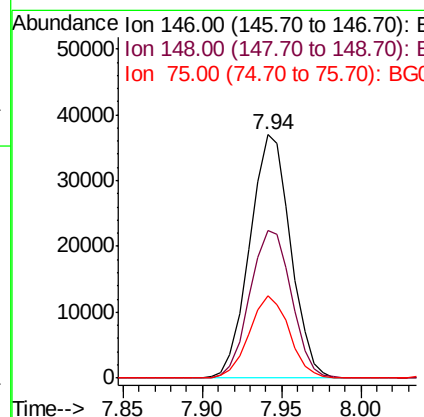
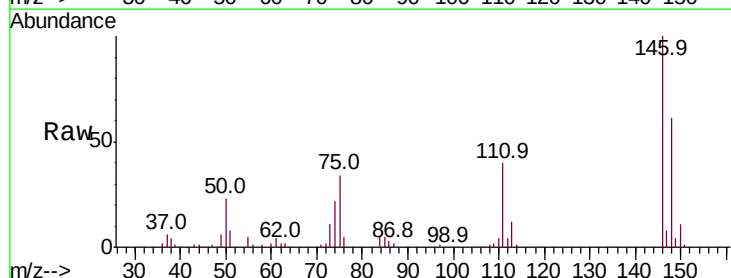
Manual Integrations
APPROVED

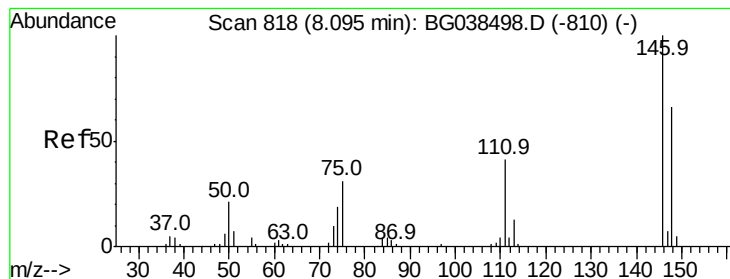
Sohil
12/19/2018 4:12:23 PM



#12
1,3-Dichlorobenzene
Concen: 38.072 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG038698.D
Acq: 18 Dec 2018 17:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.5	51.4	77.0
75	33.7	26.1	39.1





#13

1,4-Dichlorobenzene

Concen: 37.501 ng

RT: 8.09 min Scan# 852

Delta R.T. -0.00 min

Lab File: BG038698.D

Acq: 18 Dec 2018 17:20

Instrument :

BNA_G

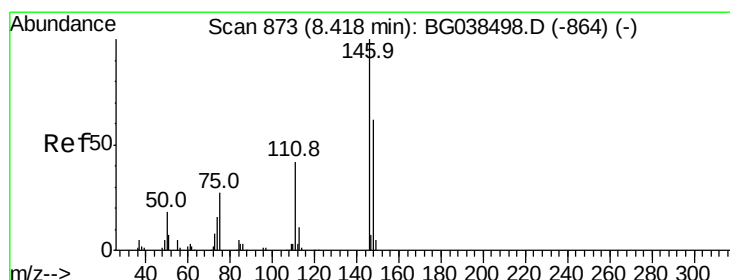
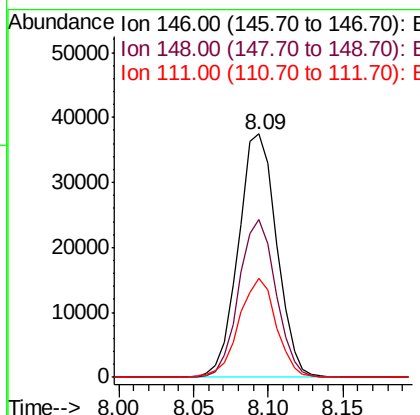
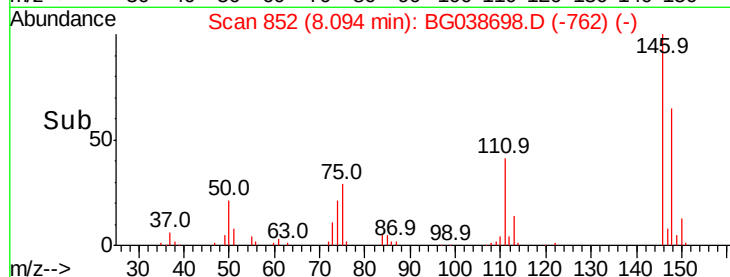
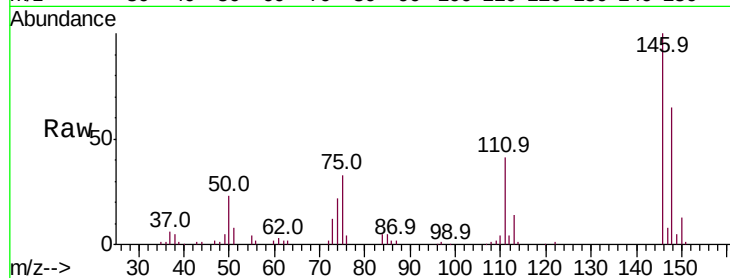
ClientSampleId :

PB115750BS

Tot Ion:	146	Resp:	66613
Ion Ratio	Lower	Upper	
146	100		
148	64.9	52.4	78.6
111	40.6	33.0	49.4

Manual Integrations
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Sohil
12/19/2018 4:12:23 PM



#14

1,2-Dichlorobenzene

Concen: 38.224 ng

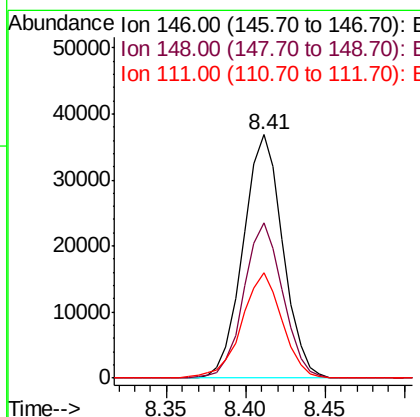
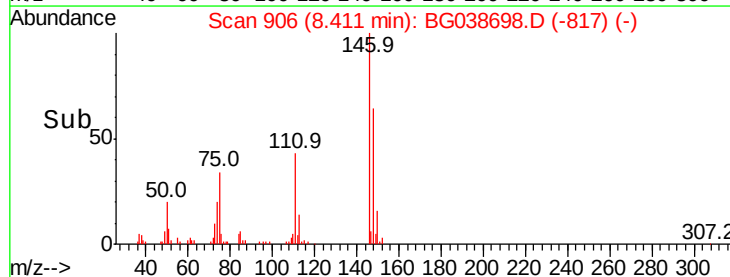
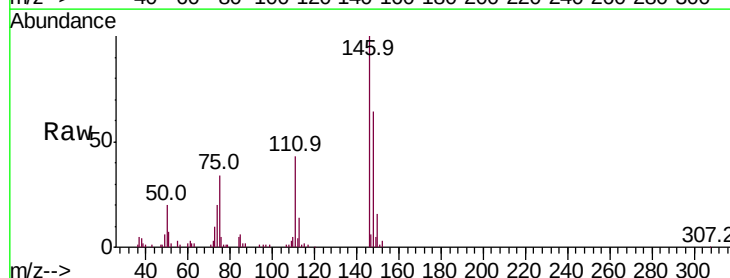
RT: 8.41 min Scan# 906

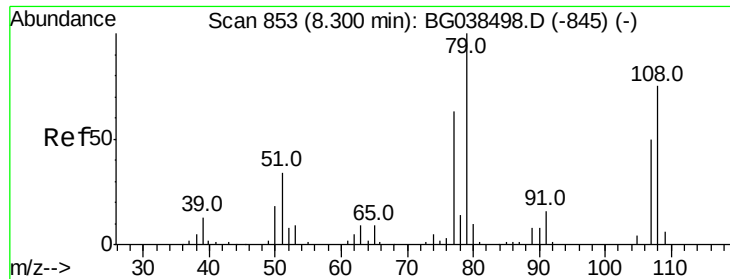
Delta R.T. -0.01 min

Lab File: BG038698.D

Acq: 18 Dec 2018 17:20

Tgt Ion:	146	Resp:	64010
Ion Ratio	Lower	Upper	
146	100		
148	64.0	49.4	74.0
111	43.3	33.8	50.6





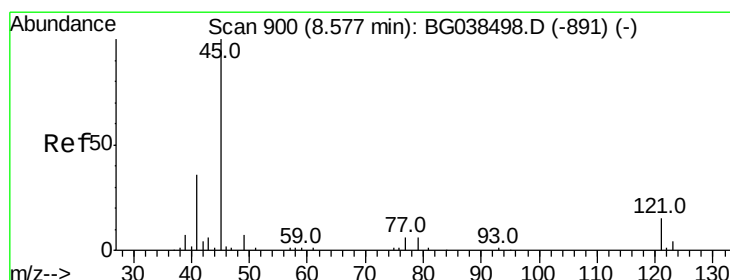
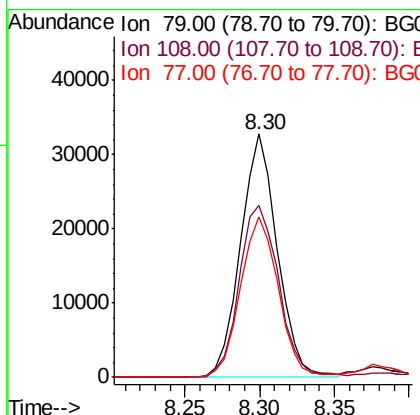
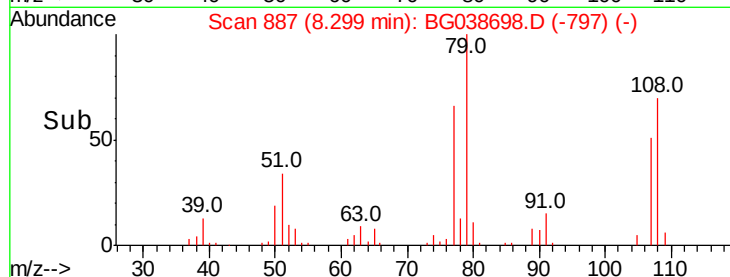
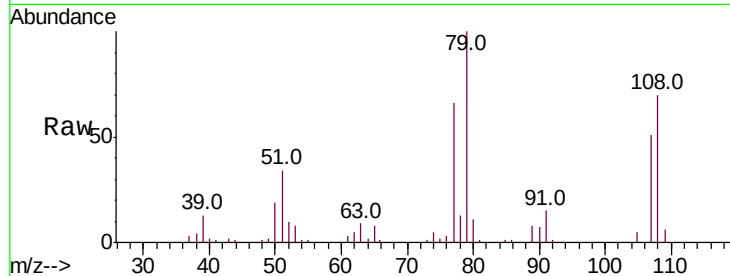
#15
Benzyl Alcohol
Concen: 41.046 ng
RT: 8.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BG038698.D
Acq: 18 Dec 2018 17:20

Instrument :
BNA_G
ClientSampleId :
PB115750BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	70.4	60.2	90.4
77	65.6	50.7	76.1

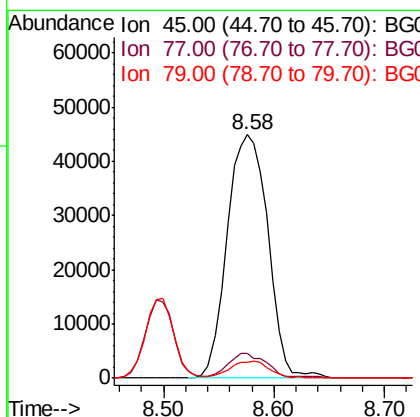
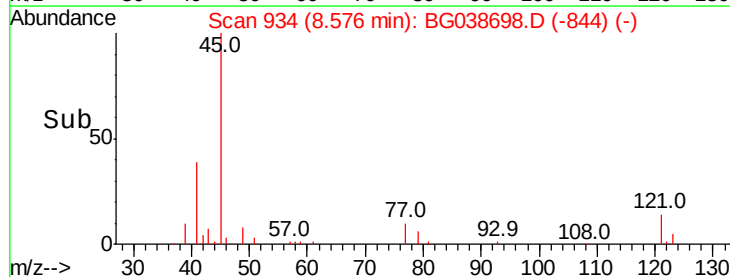
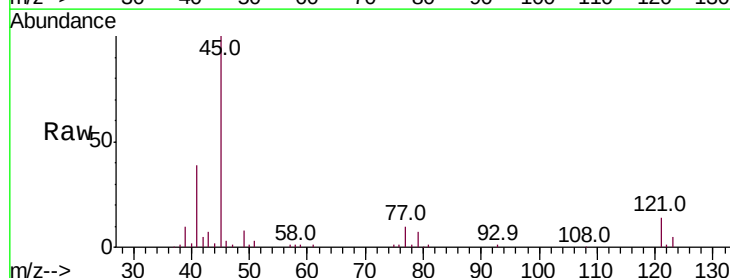
Manual Integrations
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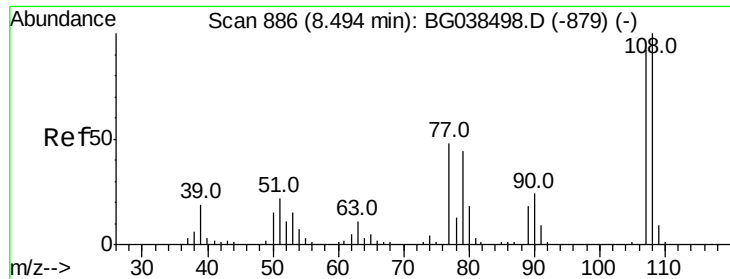
Sohil
12/19/2018 4:12:23 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.398 ng
RT: 8.58 min Scan# 934
Delta R.T. -0.00 min
Lab File: BG038698.D
Acq: 18 Dec 2018 17:20

Tgt Ion	Ratio	Lower	Upper
45	100		
77	10.1	0.0	28.2
79	6.7	0.0	27.2





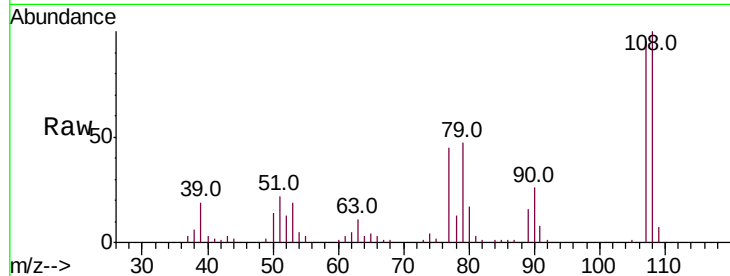
#17
2-Methylphenol
Concen: 42.660 ng
RT: 8.50 min Scan# 921
Delta R.T. 0.00 min
Lab File: BG038698.D
Acq: 18 Dec 2018 17:20

Instrument :
BNA_G
ClientSampleId :
PB115750BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	105.5	87.1	130.7
77	47.8	42.0	63.0
79	50.0	38.2	57.2

Manual Integrations
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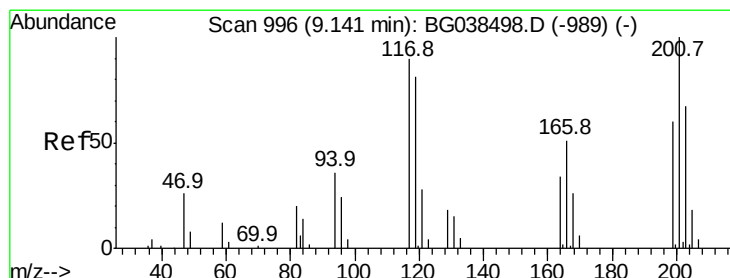
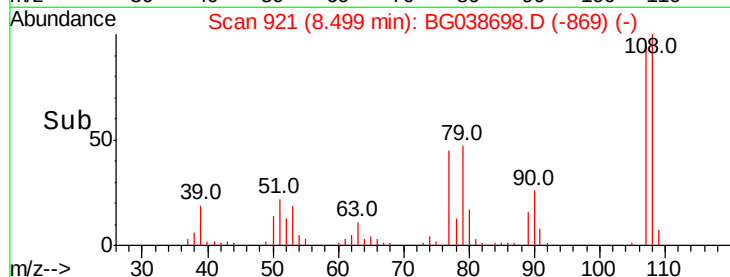
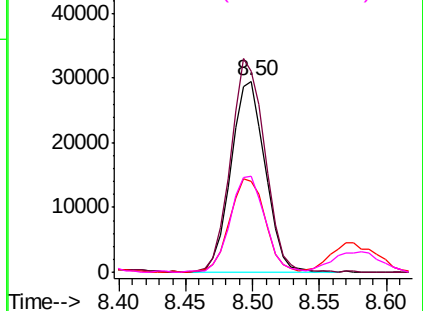
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 37.763 ng
RT: 9.13 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG038698.D
Acq: 18 Dec 2018 17:20

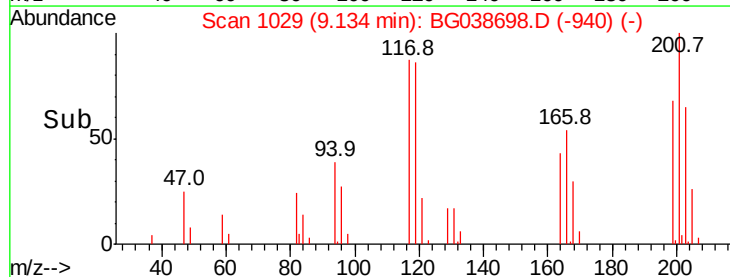
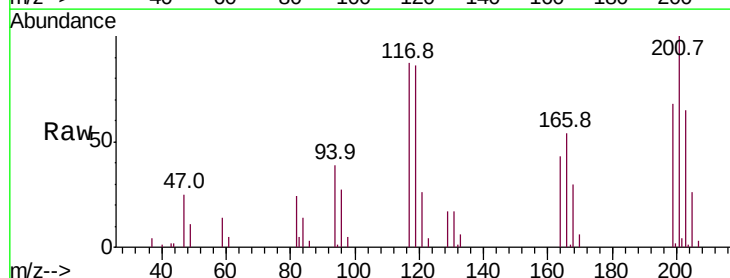
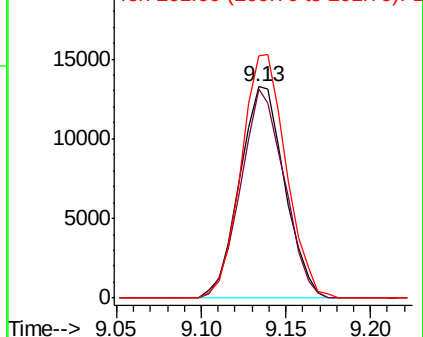
Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.9	73.8	110.8
201	118.5	89.4	134.0

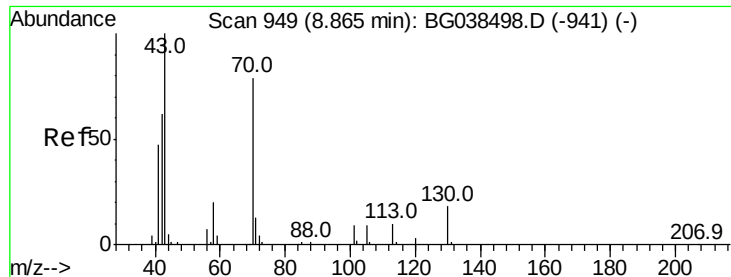
Abundance

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





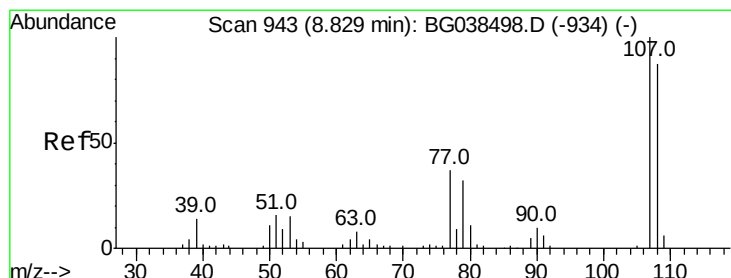
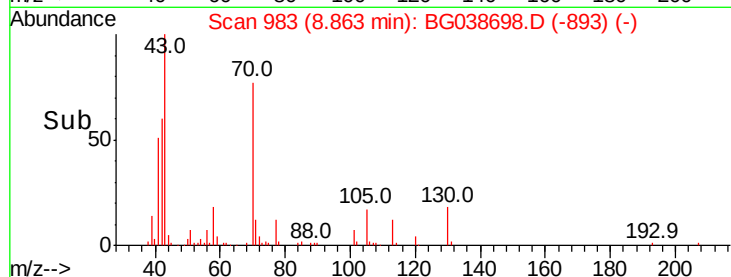
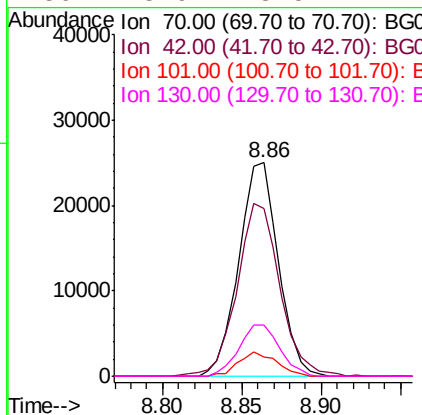
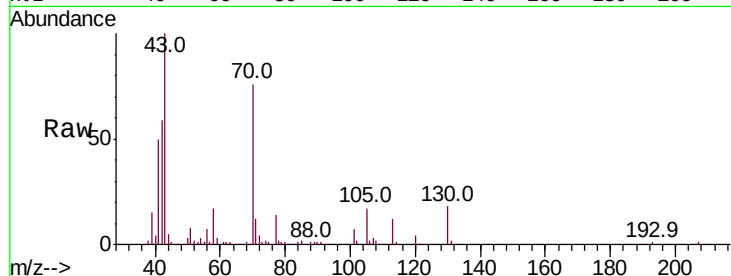
#19
n-Nitroso-di-n-propylamine
Concen: 35.473 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG038698.D
Acq: 18 Dec 2018 17:20

Instrument :
BNA_G
ClientSampleId :
PB115750BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	78.6	63.6	95.4
101	9.3	9.2	13.8
130	23.9	18.5	27.7

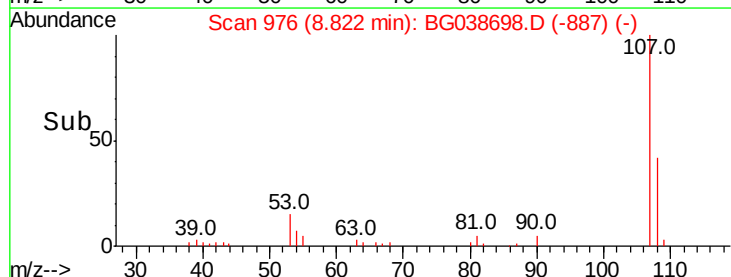
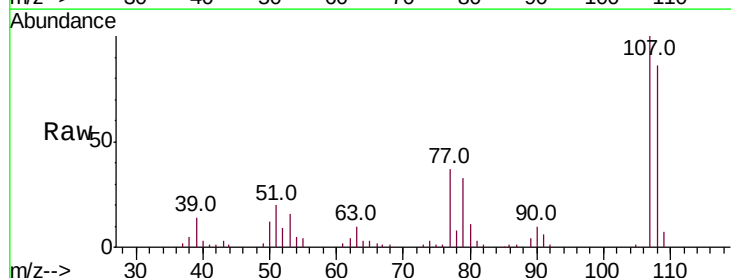
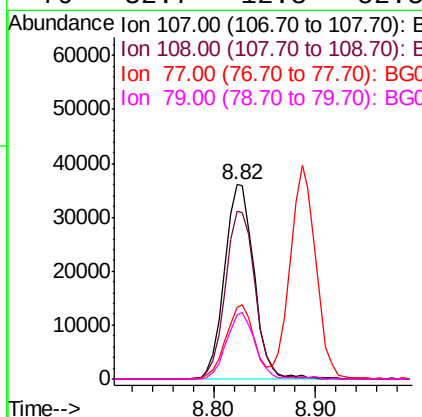
Manual Integrations
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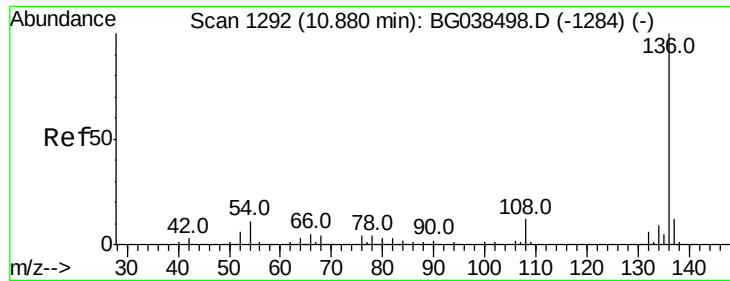
Sohil
12/19/2018 4:12:23 PM



#20
3+4-Methylphenols
Concen: 42.508 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG038698.D
Acq: 18 Dec 2018 17:20

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.3	66.7	106.7
77	37.2	17.3	57.3
79	32.7	12.3	52.3





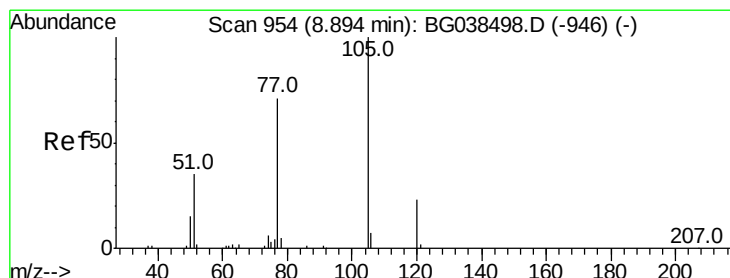
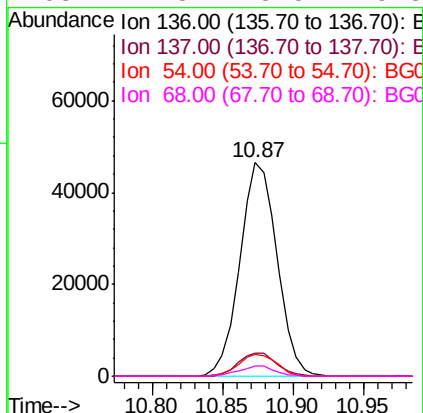
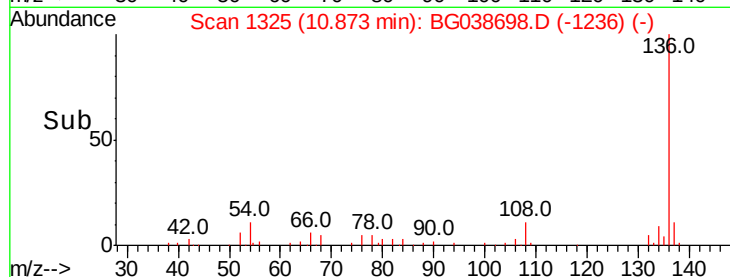
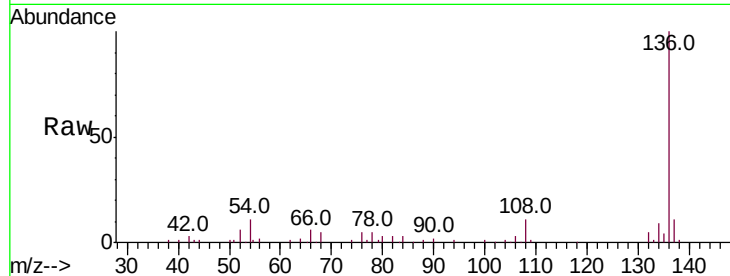
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG038698.D
Acq: 18 Dec 2018 17:20

Instrument :
BNA_G
ClientSampleId :
PB115750BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	85574		
137	10.5		9.3	13.9
54	11.2		8.5	12.7
68	4.8		3.5	5.3

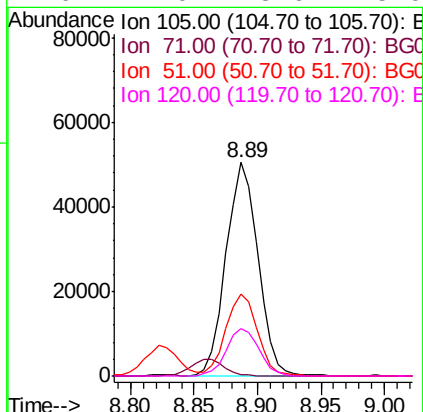
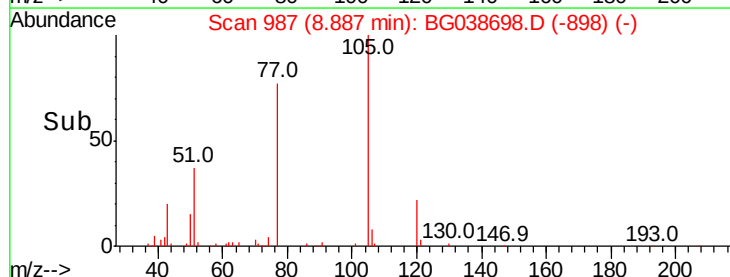
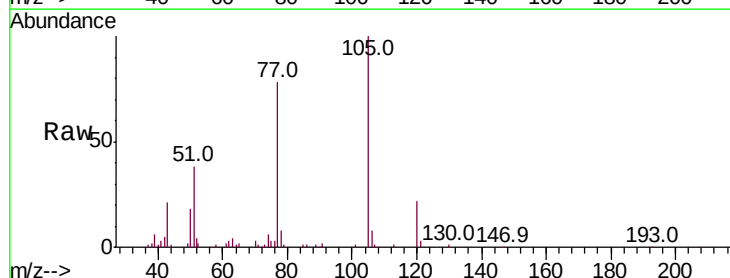
Manual Integrations
APPROVED

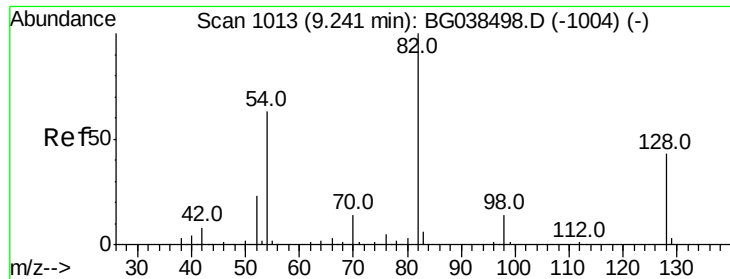
Sohil
12/19/2018 4:12:23 PM



#22
Acetophenone
Concen: 41.309 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BG038698.D
Acq: 18 Dec 2018 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	88296		
71	0.6		0.4	0.6#
51	38.3		30.6	46.0
120	22.0		18.6	28.0





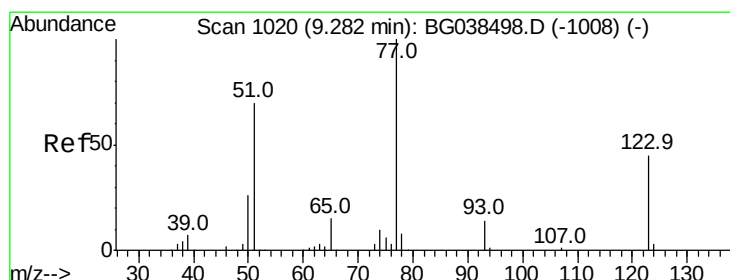
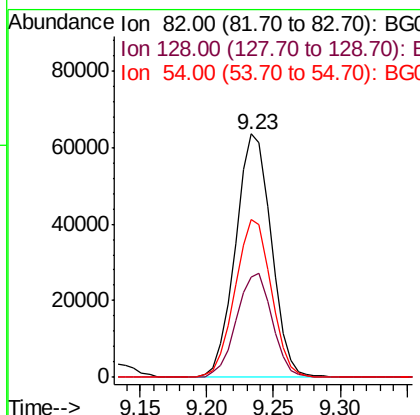
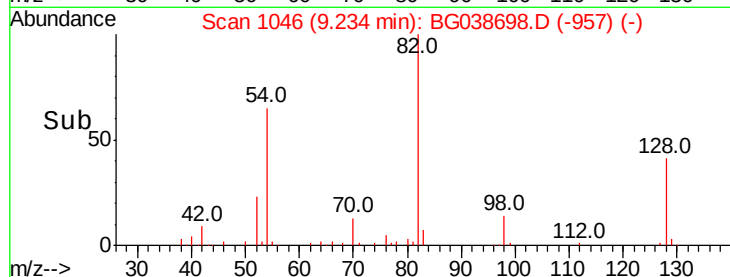
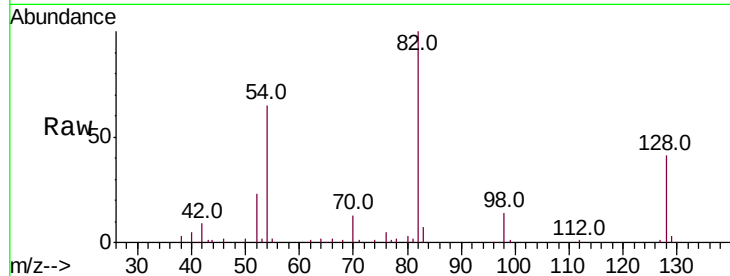
#23
Nitrobenzene-d5
Concen: 70.506 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038698.D
Acq: 18 Dec 2018 17:20

Instrument :
BNA_G
ClientSampleId :
PB115750BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.3	34.6	52.0
54	65.1	50.6	76.0

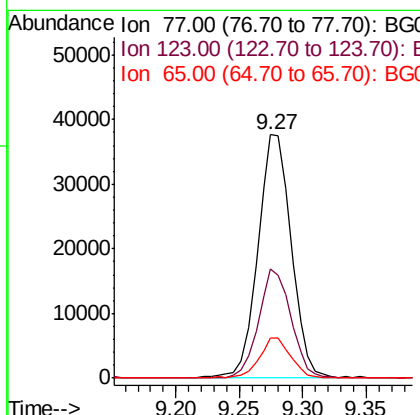
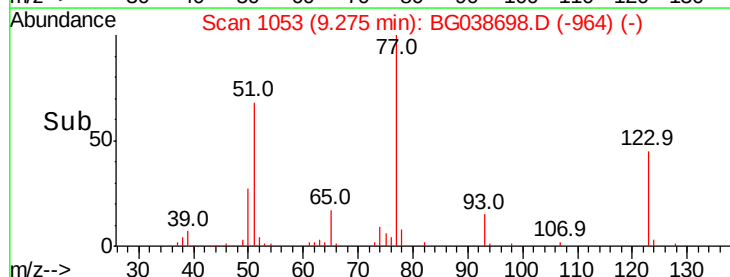
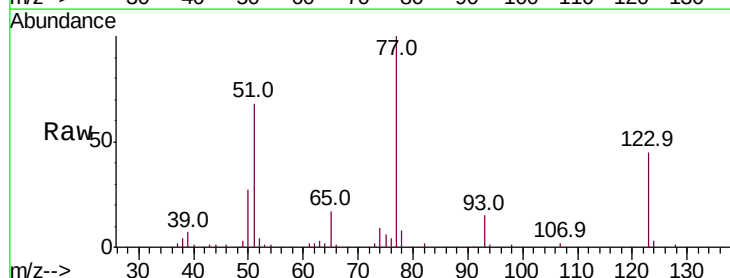
Manual Integrations
APPROVED

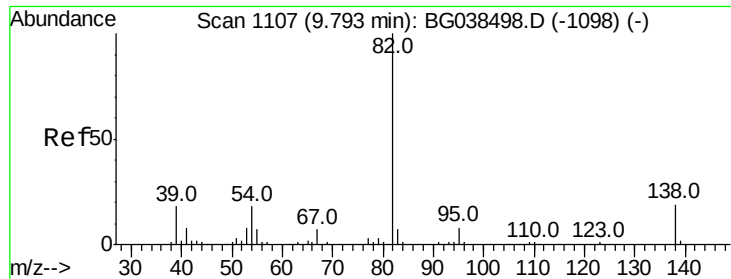
Sohil
12/19/2018 4:12:23 PM



#24
Nitrobenzene
Concen: 40.741 ng
RT: 9.27 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BG038698.D
Acq: 18 Dec 2018 17:20

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.1	35.9	53.9
65	16.6	12.0	18.0





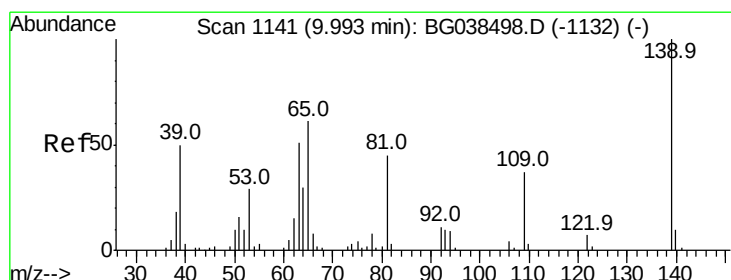
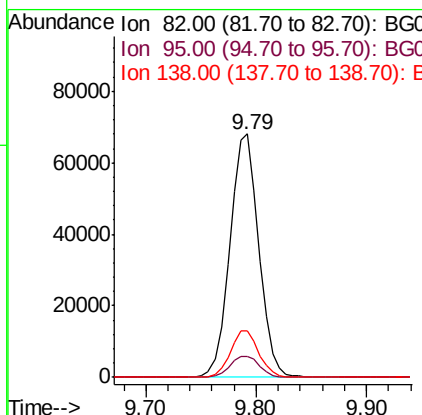
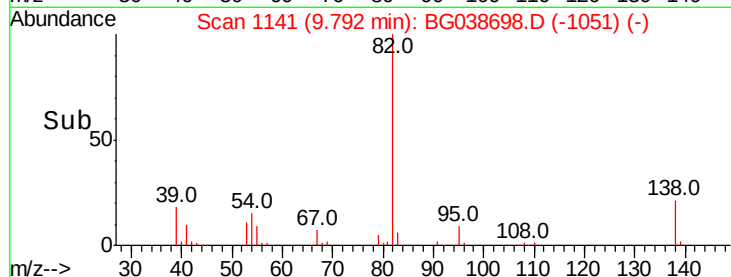
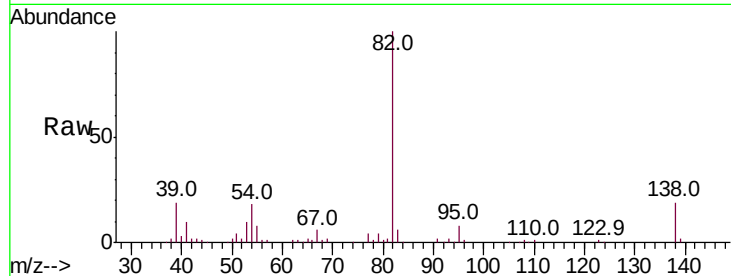
#25
Isophorone
Concen: 41.291 ng
RT: 9.79 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BG038698.D
Acq: 18 Dec 2018 17:20

Instrument :
BNA_G
ClientSampleId :
PB115750BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	8.4	6.1	9.1	
138	19.2	14.9	22.3	

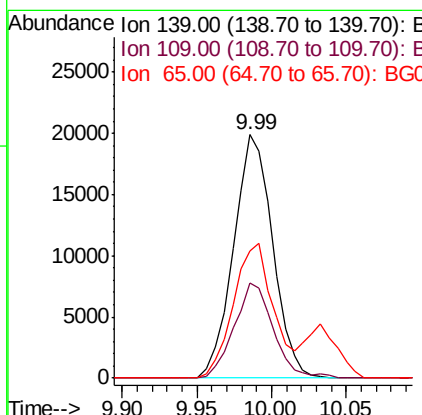
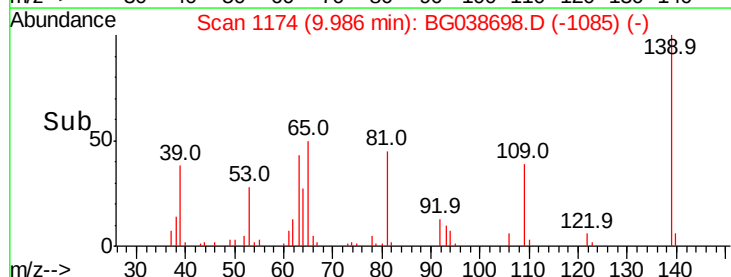
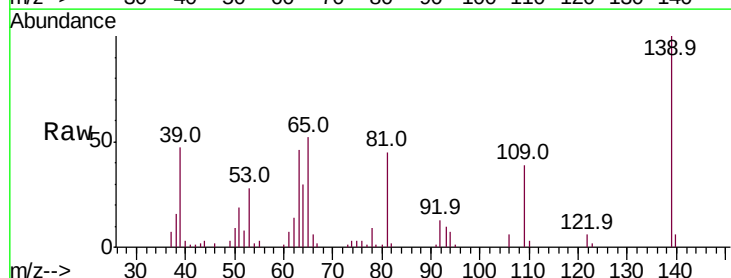
Manual Integrations
APPROVED

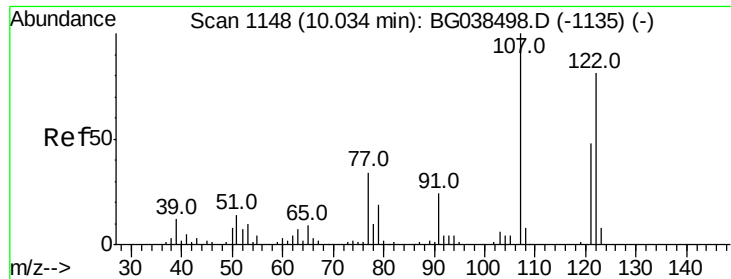
Sohil
12/19/2018 4:12:23 PM



#26
2-Nitrophenol
Concen: 41.675 ng
RT: 9.99 min Scan# 1174
Delta R.T. -0.01 min
Lab File: BG038698.D
Acq: 18 Dec 2018 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	39.3	29.5	44.3	
65	52.3	48.5	72.7	





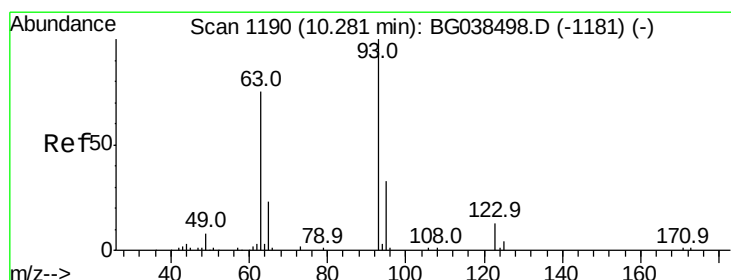
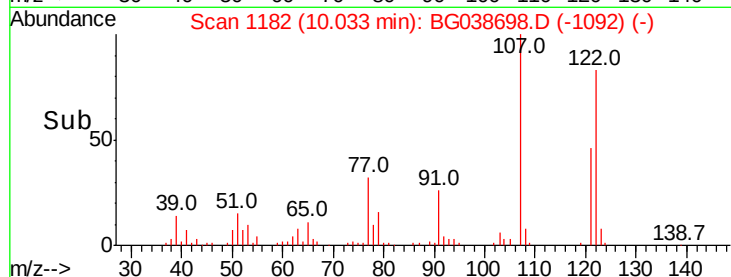
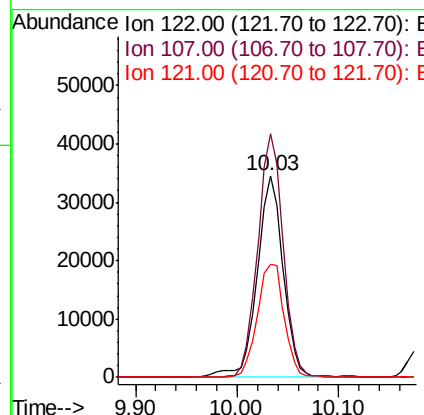
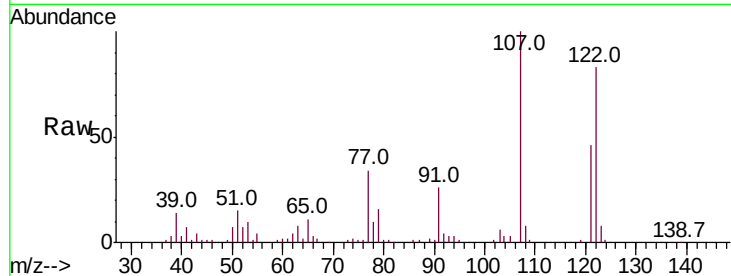
#27
2,4-Dimethylphenol
Concen: 49.395 ng
RT: 10.03 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BG038698.D
Acq: 18 Dec 2018 17:20

Instrument :
BNA_G
ClientSampleId :
PB115750BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	120.7	98.4	147.6
121	56.0	47.2	70.8

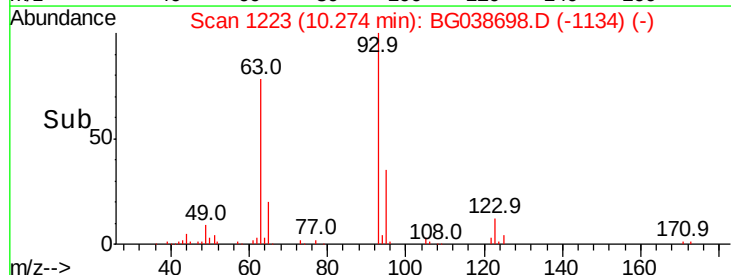
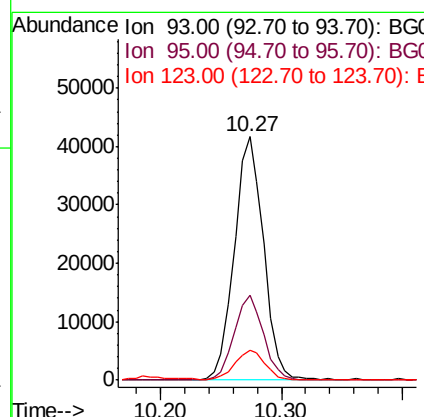
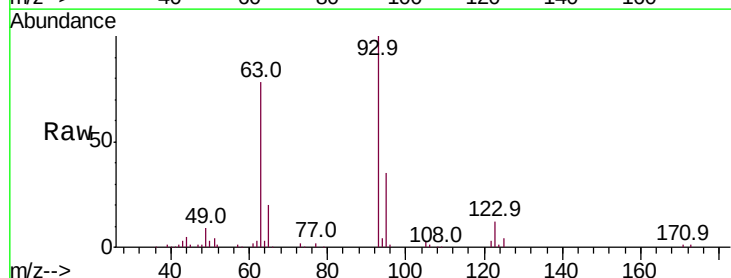
Manual Integrations
APPROVED

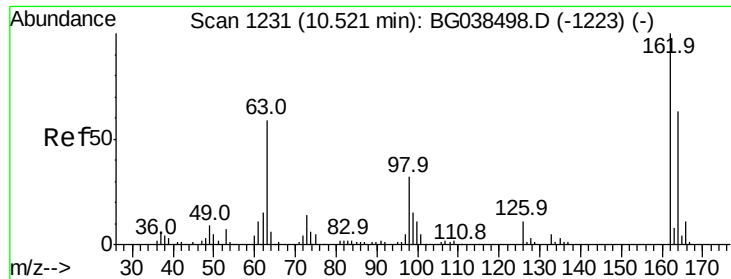
Sohil
12/19/2018 4:12:23 PM



#28
bis(2-Chloroethoxy)methane
Concen: 41.237 ng
RT: 10.27 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BG038698.D
Acq: 18 Dec 2018 17:20

Tgt Ion	Ratio	Lower	Upper
93	100		
95	35.0	26.6	40.0
123	12.1	10.6	16.0





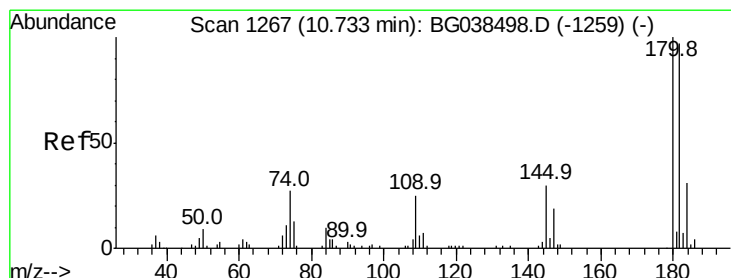
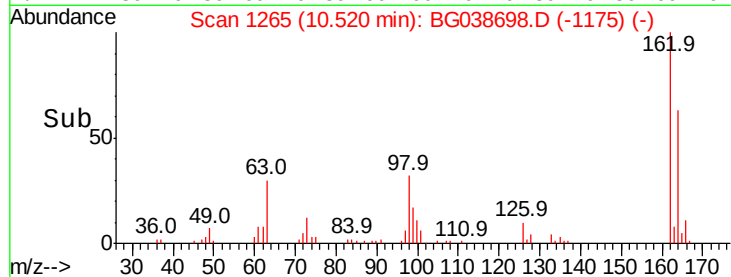
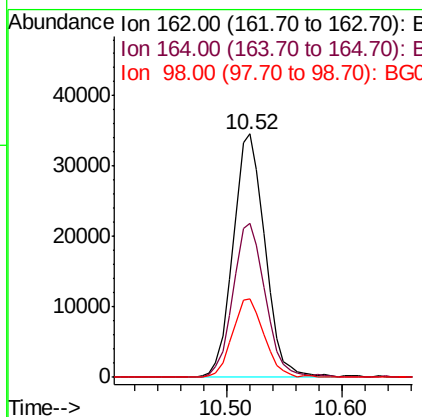
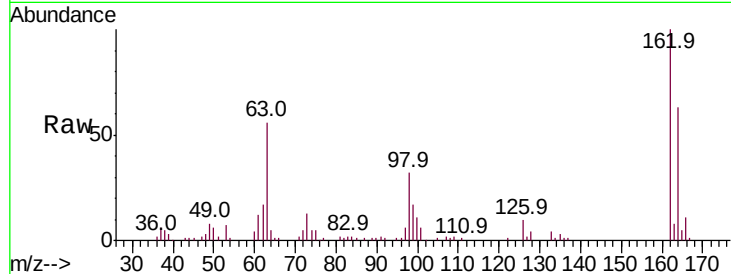
#29
2,4-Dichlorophenol
Concen: 47.716 ng
RT: 10.52 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BG038698.D
Acq: 18 Dec 2018 17:20

Instrument :
BNA_G
ClientSampleId :
PB115750BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	65982		
164	63.3		42.9	82.9
98	32.1		12.1	52.1

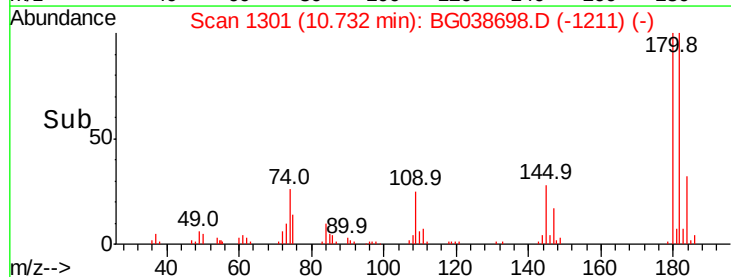
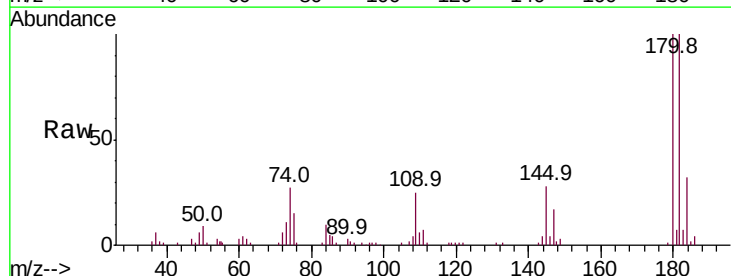
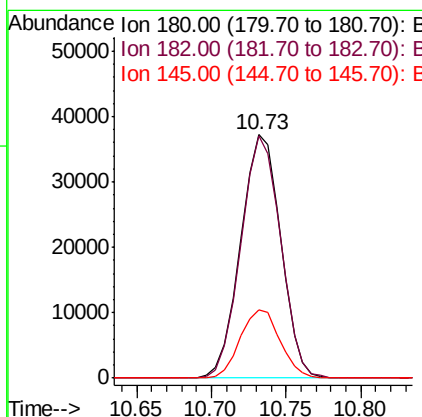
Manual Integrations
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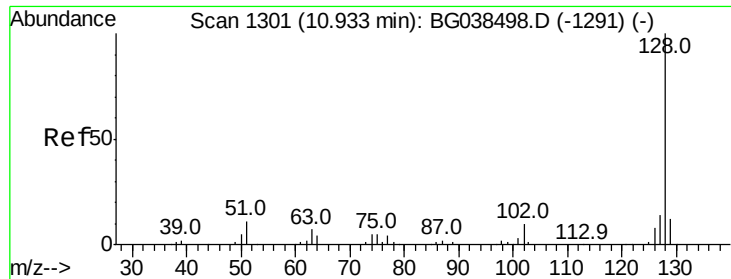
Sohil
12/19/2018 4:12:23 PM



#30
1,2,4-Trichlorobenzene
Concen: 41.517 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BG038698.D
Acq: 18 Dec 2018 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	69346		
182	99.8		77.4	116.0
145	28.1		24.1	36.1





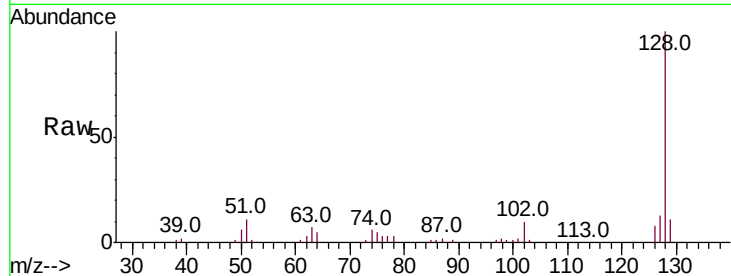
#31
Naphthalene
Concen: 45.270 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG038698.D
Acq: 18 Dec 2018 17:20

Instrument :
BNA_G
ClientSampleId :
PB115750BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.5	14.3
127	12.6	10.9	16.3

Manual Integrations
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Sohil
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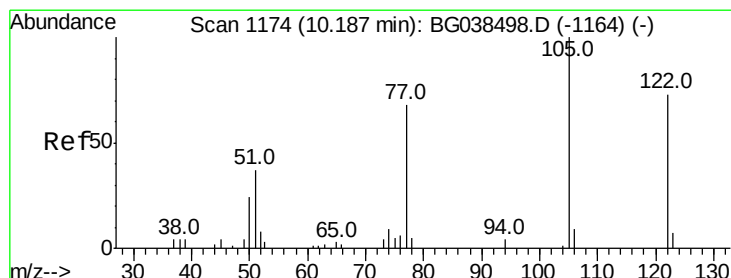
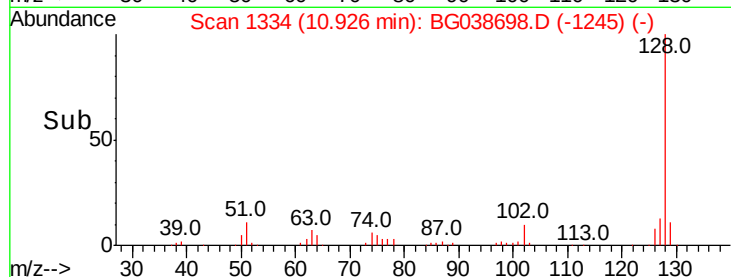
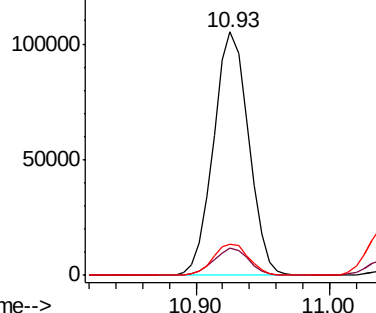


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 36.040 ng m
RT: 10.19 min Scan# 1209
Delta R.T. 0.01 min
Lab File: BG038698.D
Acq: 18 Dec 2018 17:20

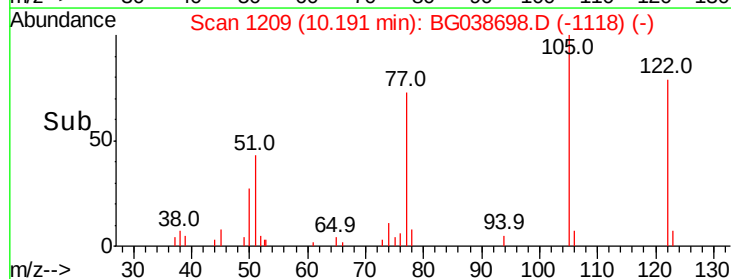
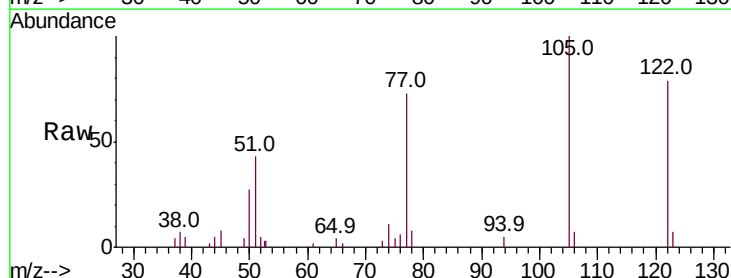
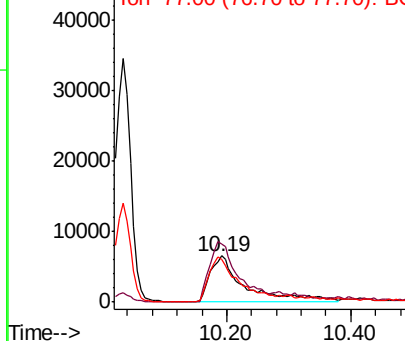
Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.2	116.7	156.7
77	91.9	72.5	112.5

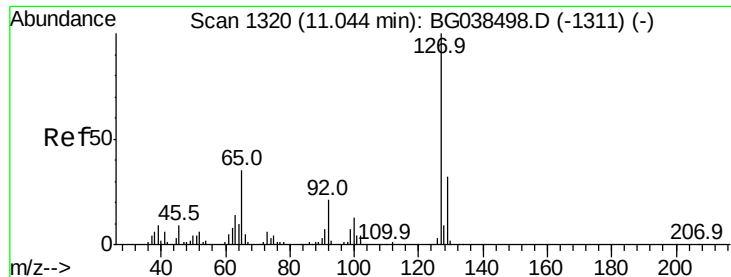
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGO





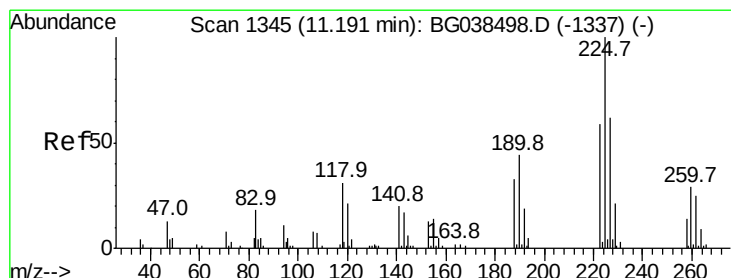
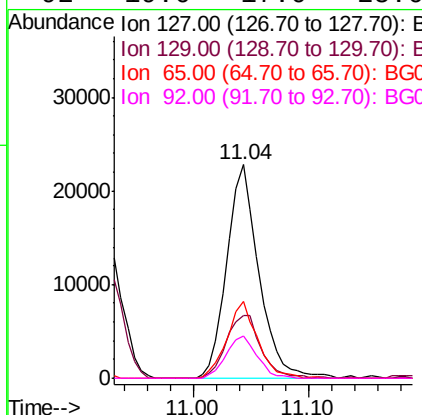
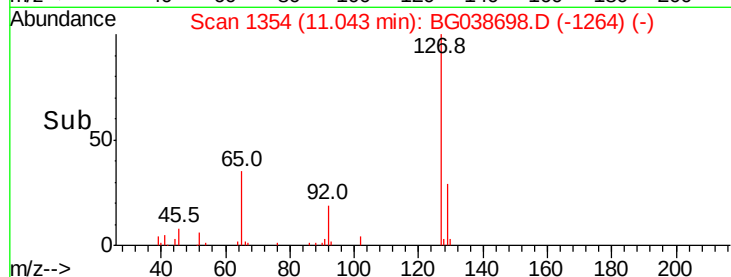
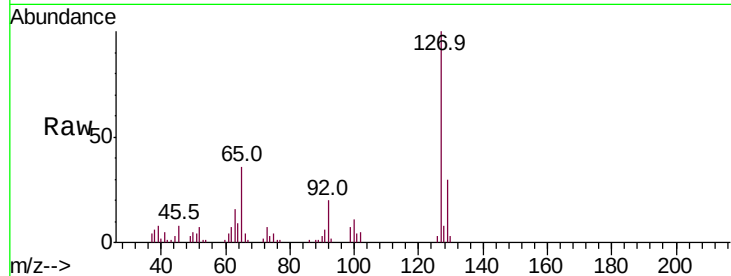
#33
4-Chloroaniline
Concen: 24.054 ng
RT: 11.04 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BG038698.D
Acq: 18 Dec 2018 17:20

Instrument :
BNA_G
ClientSampleId :
PB115750BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	29.6	25.8	38.8
65	35.7	27.8	41.6
92	19.6	17.0	25.6

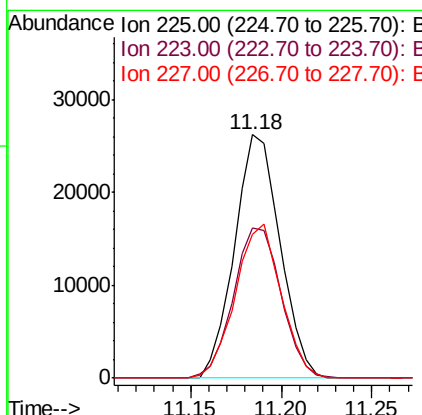
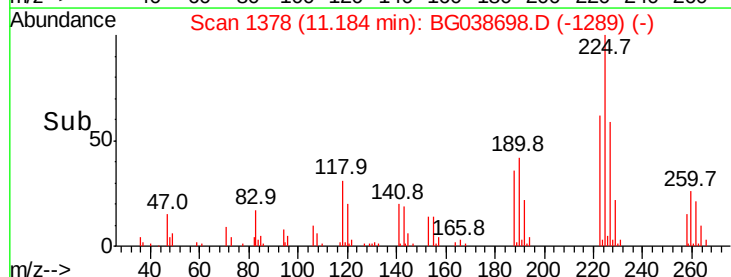
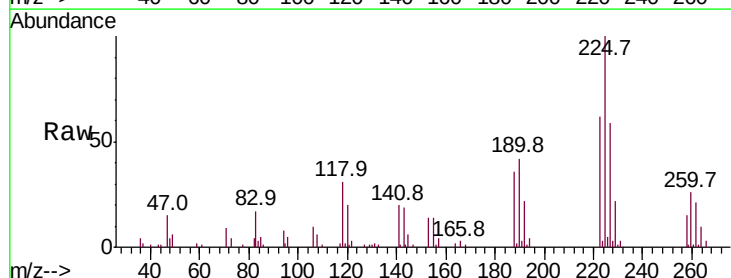
Manual Integrations
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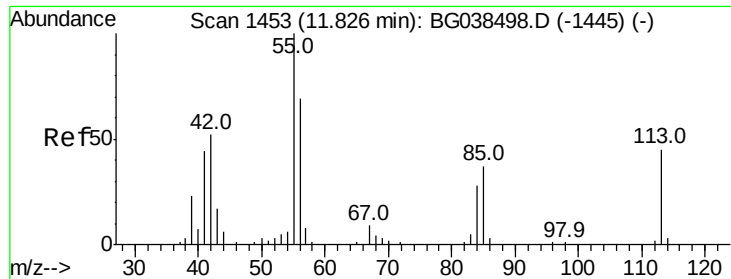
Sohil
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#34
Hexachlorobutadiene
Concen: 40.509 ng
RT: 11.18 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BG038698.D
Acq: 18 Dec 2018 17:20

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.6	45.0	67.6
227	59.3	50.6	75.8





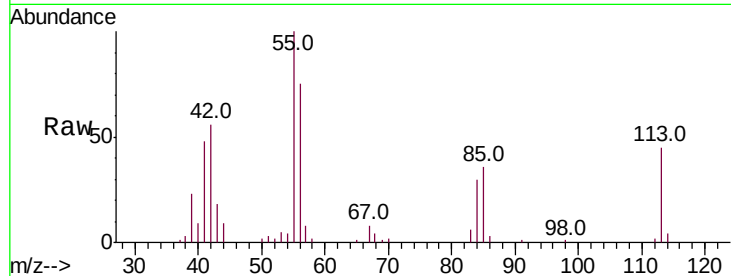
#35
 Caprolactam
 Concen: 38.772 ng/ml
 RT: 11.82 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: BG038698.D
 Acq: 18 Dec 2018 17:20

Instrument :
 BNA_G
 ClientSampleId :
 PB115750BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	219.9	204.3	244.3
56	166.0	135.0	175.0

Manual Integrations
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 12/19/2018 4:12:23 PM

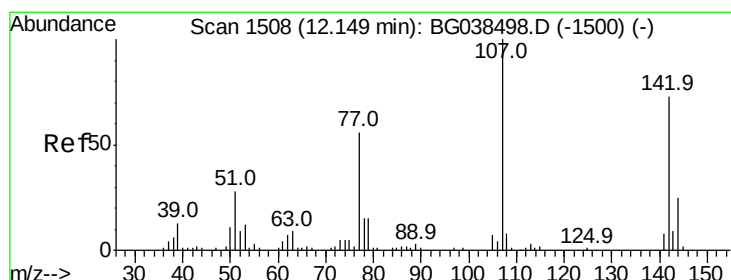
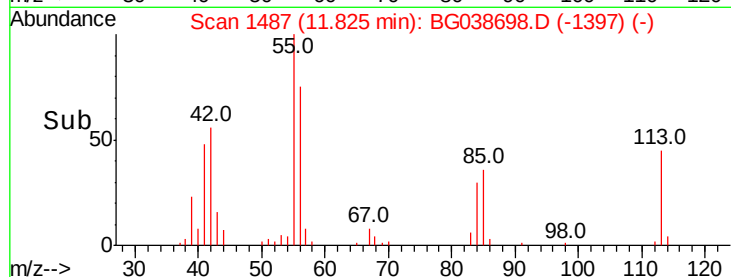
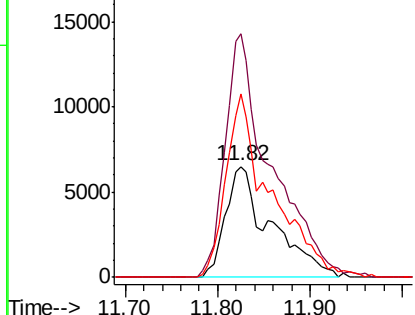


Abundance

Ion 113.00 (112.70 to 113.70): E

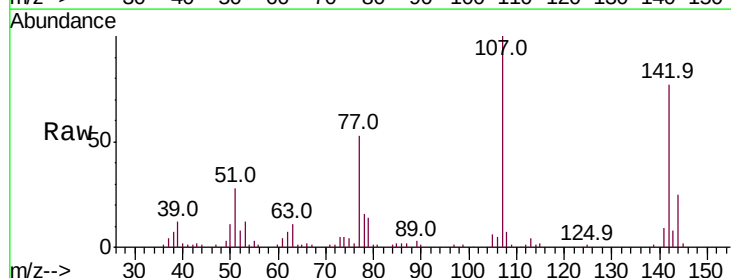
Ion 55.00 (54.70 to 55.70): BGO

Ion 56.00 (55.70 to 56.70): BGO



#36
 4-Chloro-3-methylphenol
 Concen: 44.066 ng/ml
 RT: 12.15 min Scan# 1543
 Delta R.T. 0.00 min
 Lab File: BG038698.D
 Acq: 18 Dec 2018 17:20

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.3	20.1	30.1
142	77.0	58.7	88.1

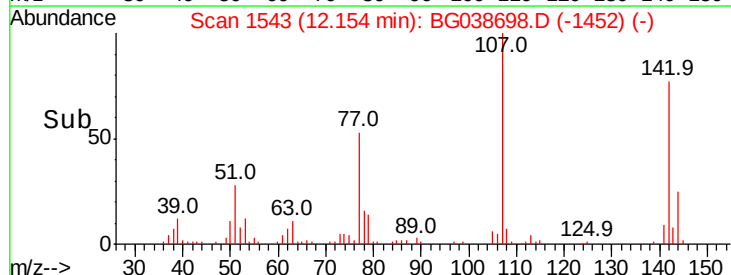
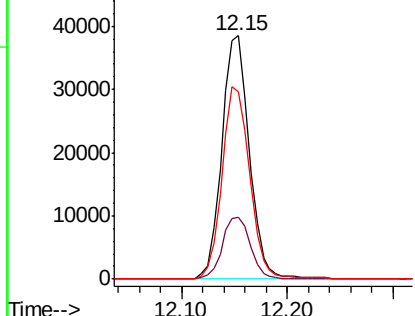


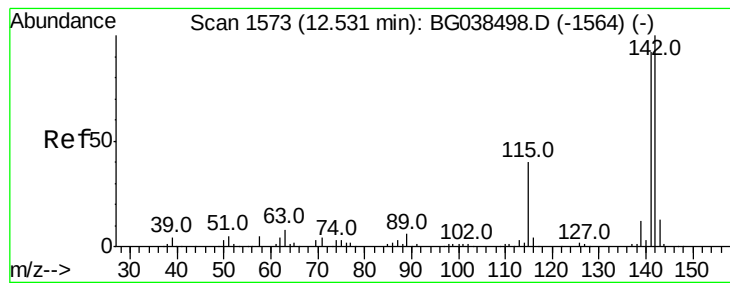
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





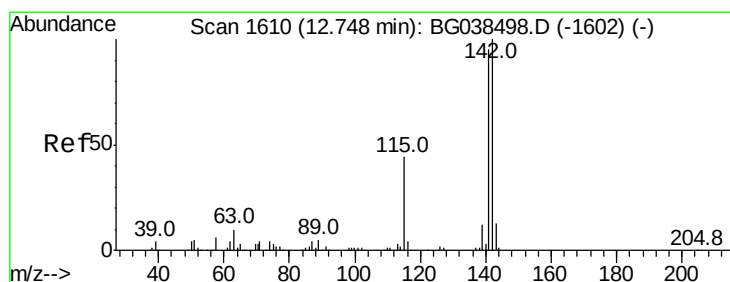
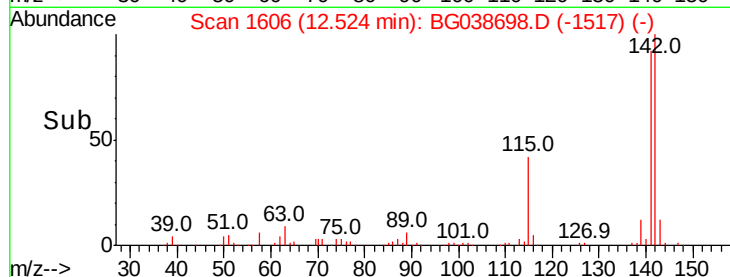
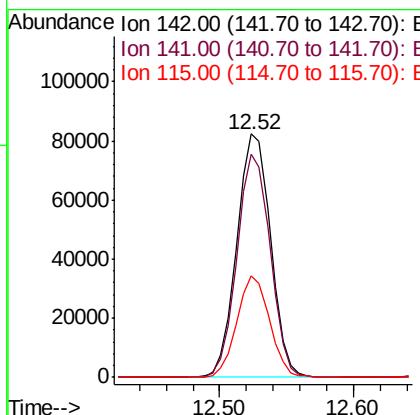
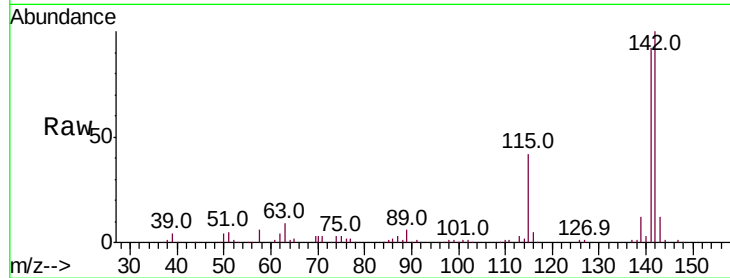
#37
2-Methylnaphthalene
Concen: 47.818 ng
RT: 12.52 min Scan# 1606
Delta R.T. -0.01 min
Lab File: BG038698.D
Acq: 18 Dec 2018 17:20

Instrument :
BNA_G
ClientSampleId :
PB115750BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.5	73.5	110.3
115	41.8	31.7	47.5

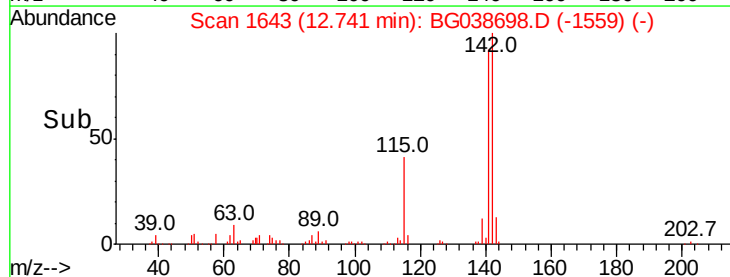
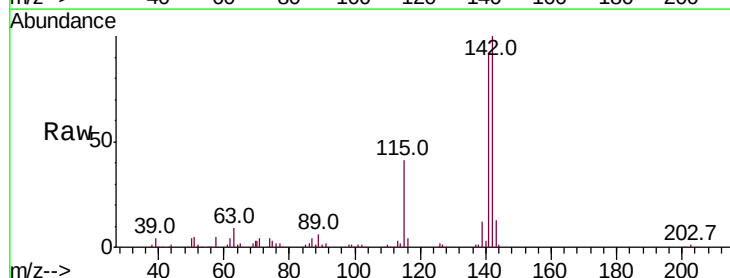
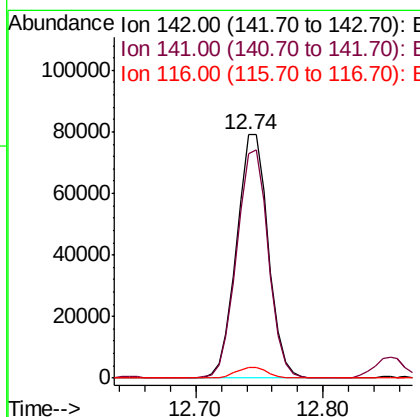
Manual Integrations
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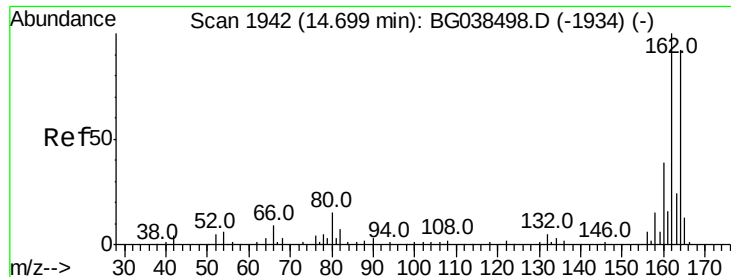
Sohil
12/19/2018 4:12:23 PM



#38
1-Methylnaphthalene
Concen: 46.738 ng
RT: 12.74 min Scan# 1643
Delta R.T. -0.01 min
Lab File: BG038698.D
Acq: 18 Dec 2018 17:20

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.1	75.8	113.8
116	4.5	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: BG038698.D

Acq: 18 Dec 2018 17:20

Instrument :

BNA_G

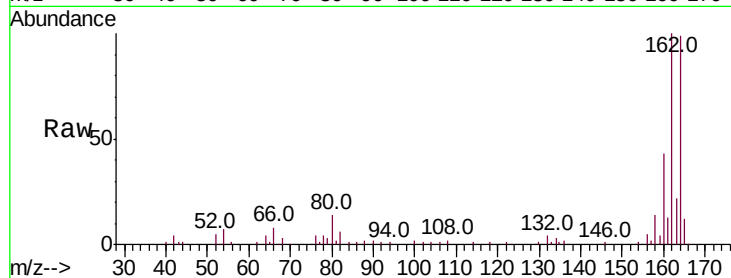
ClientSampleId :

PB115750BS

Tot Ion:	164	Resp:	57915
Ion Ratio	Lower	Upper	
164	100		
162	101.1	86.6	130.0
160	43.0	34.2	51.2

Manual Integrations
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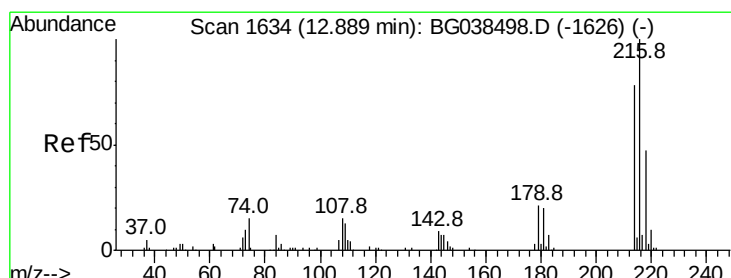
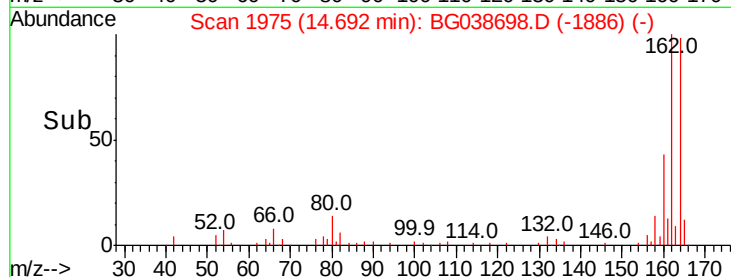
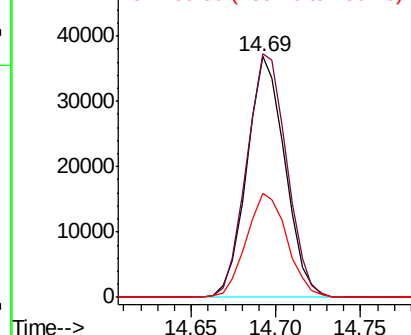


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.576 ng

RT: 12.89 min Scan# 1668

Delta R.T. -0.00 min

Lab File: BG038698.D

Acq: 18 Dec 2018 17:20

Tgt Ion:	216	Resp:	85675
Ion Ratio	Lower	Upper	
216	100		
214	80.2	64.1	96.1
179	20.6	16.4	24.6
108	18.7	13.9	20.9

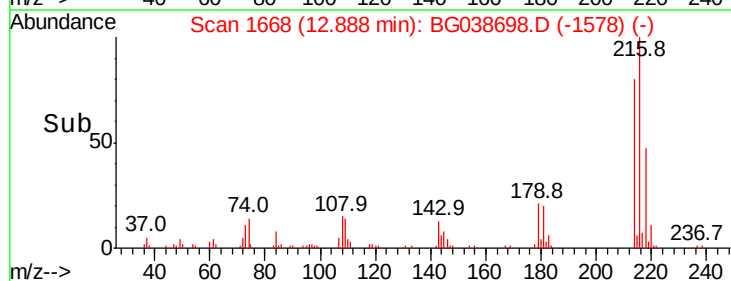
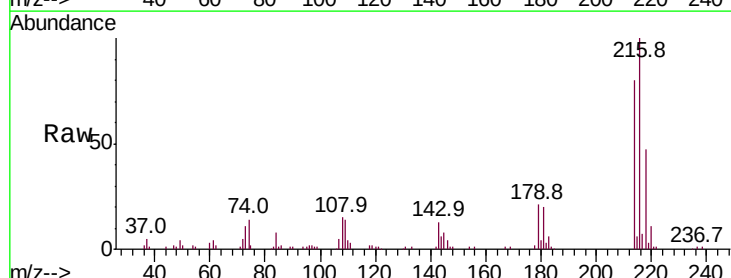
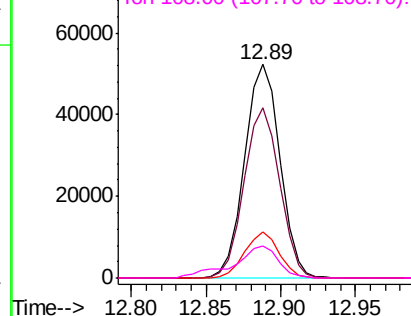
Abundance

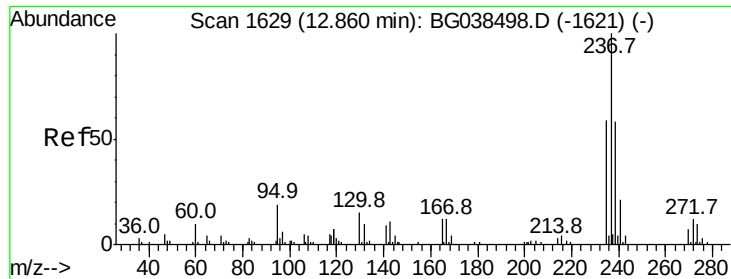
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





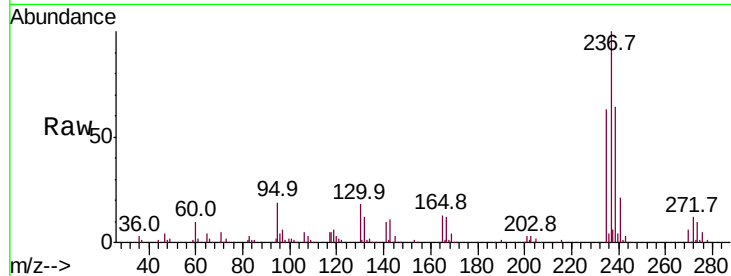
#41
Hexachlorocyclopentadiene
Concen: 87.574 ng
RT: 12.85 min Scan# 1662
Delta R.T. -0.01 min
Lab File: BG038698.D
Acq: 18 Dec 2018 17:20

Instrument :
BNA_G
ClientSampleId :
PB115750BS

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	62.8	38.8	78.8
272	12.4	0.0	32.0

Manual Integrations
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Sohil
12/19/2018 4:12:23 PM

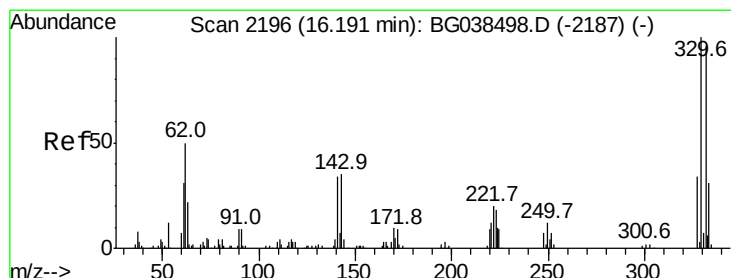
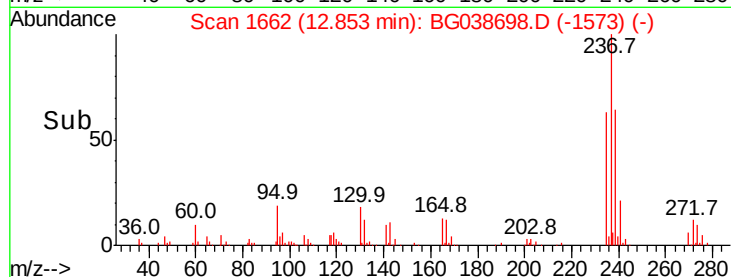
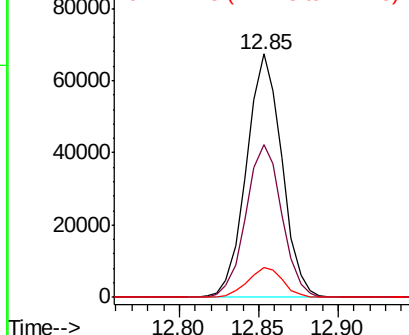


Abundance

Ion 236.80 (236.50 to 237.50): E

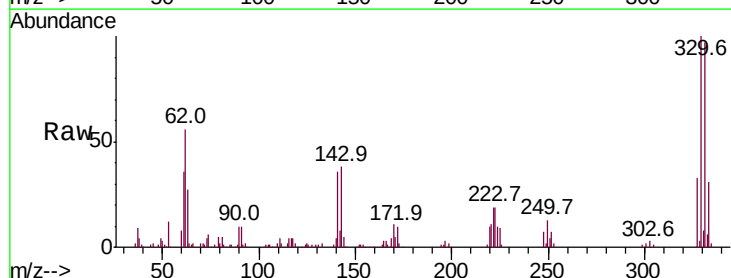
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 144.407 ng
RT: 16.18 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BG038698.D
Acq: 18 Dec 2018 17:20

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	97.1	76.9	115.3
141	35.1	28.8	43.2

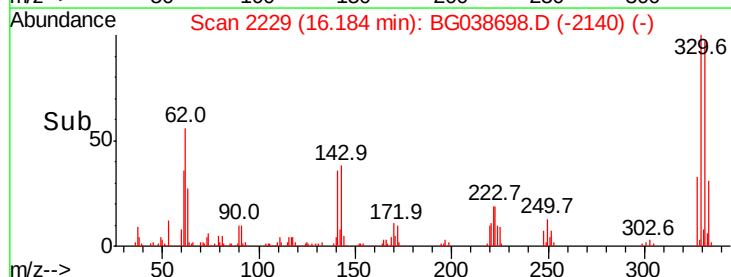
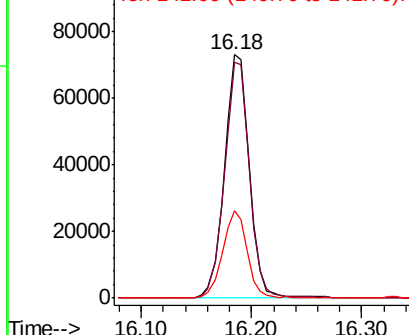


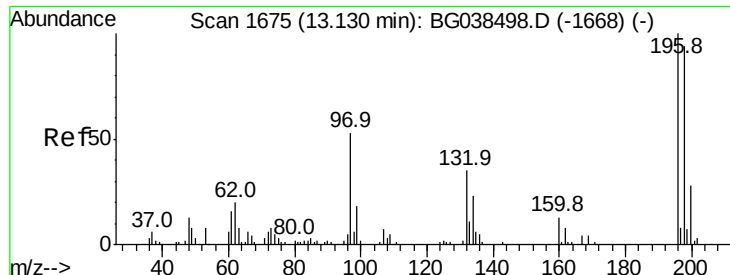
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





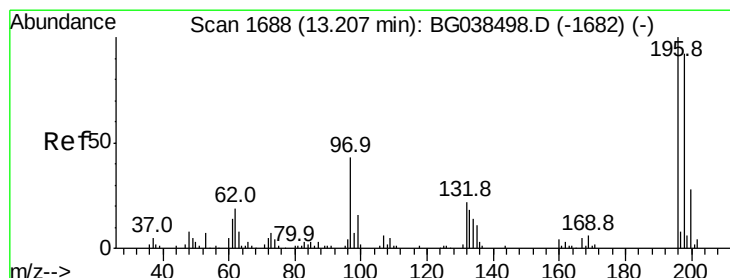
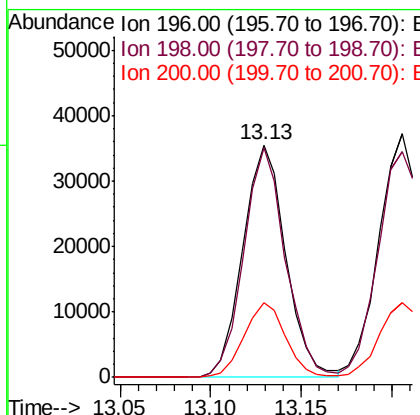
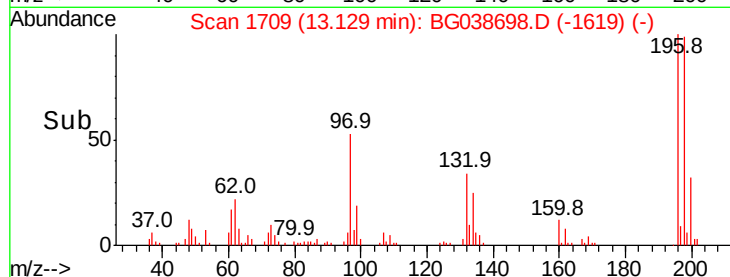
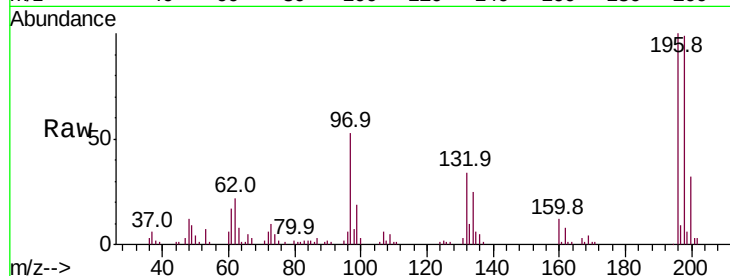
#43
 2,4,6-Trichlorophenol
 Concen: 43.818 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG038698.D
 Acq: 18 Dec 2018 17:20

Instrument :
 BNA_G
 ClientSampleId :
 PB115750BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	58325		
198	98.9	75.0	112.4	
200	32.2	22.4	33.6	

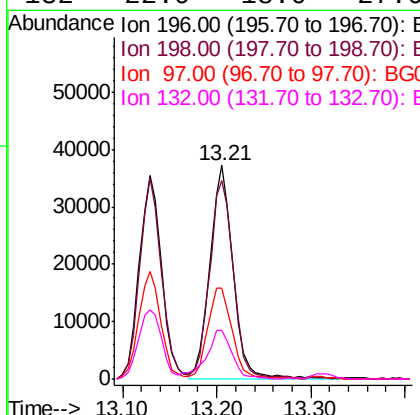
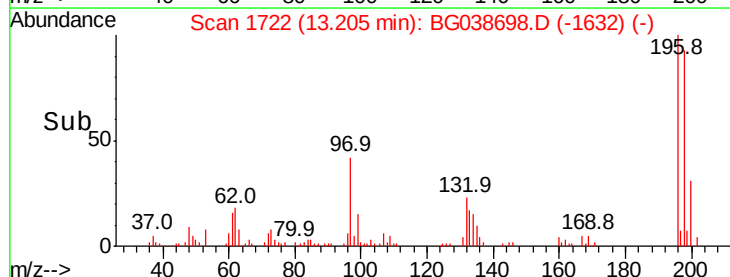
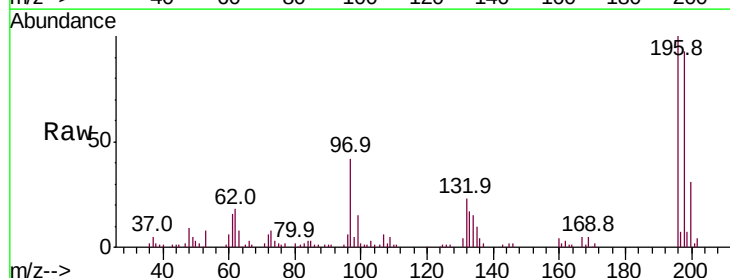
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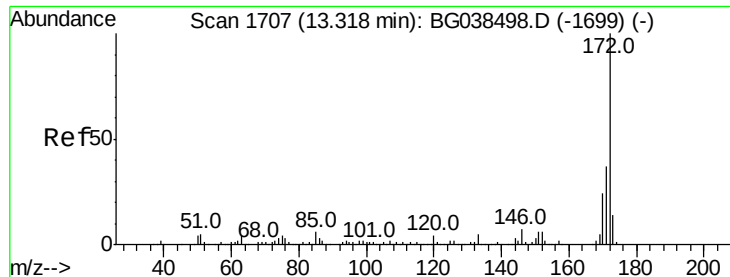
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#44
 2,4,5-Trichlorophenol
 Concen: 45.867 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.00 min
 Lab File: BG038698.D
 Acq: 18 Dec 2018 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	64641		
198	92.8	74.0	111.0	
97	42.4	35.1	52.7	
132	22.9	18.0	27.0	





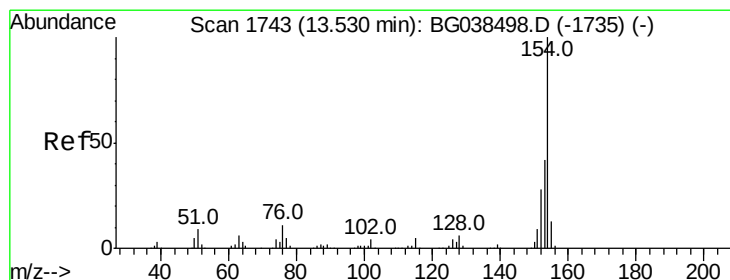
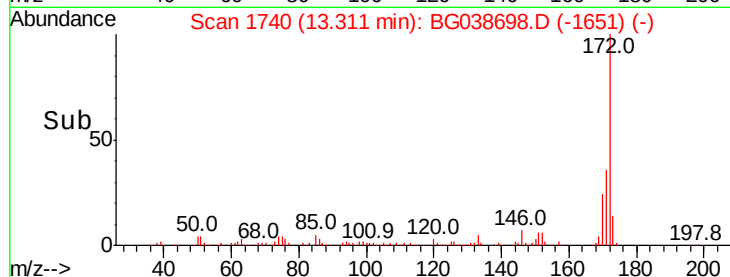
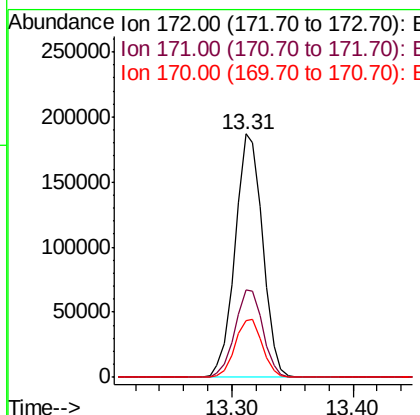
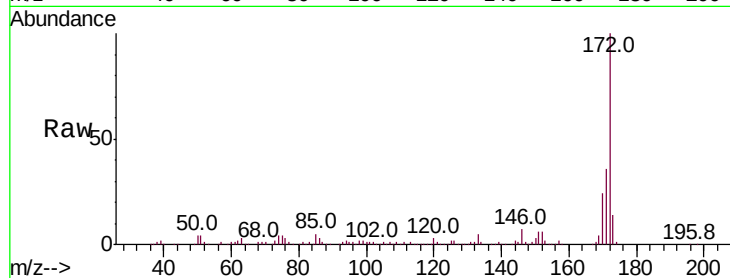
#45
2-Fluorobiphenyl
Concen: 70.250 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG038698.D
Acq: 18 Dec 2018 17:20

Instrument :
BNA_G
ClientSampleId :
PB115750BS

Tot Ion	Ratio	Resp	Lower	Upper
172	100	296574		
171	35.8	29.8	44.6	
170	23.5	19.5	29.3	

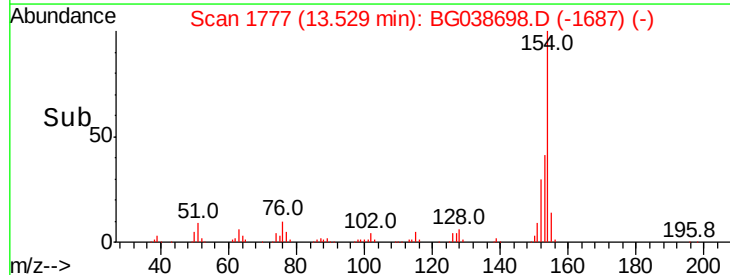
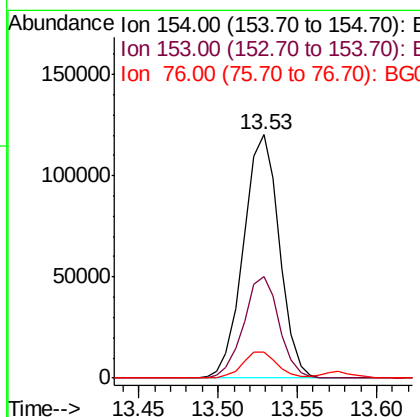
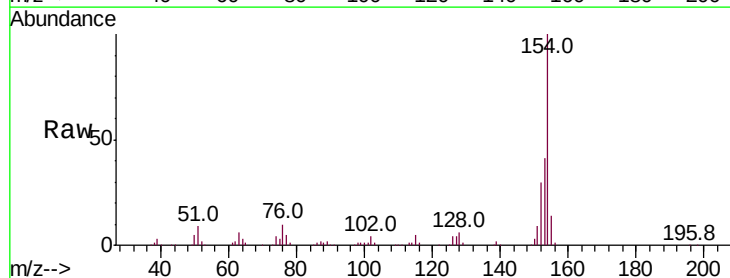
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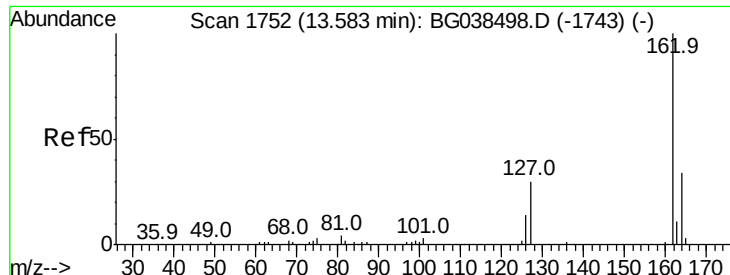
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#46
1,1'-Biphenyl
Concen: 38.752 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.00 min
Lab File: BG038698.D
Acq: 18 Dec 2018 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	188148		
153	41.4	22.1	62.1	
76	10.5	0.0	31.2	





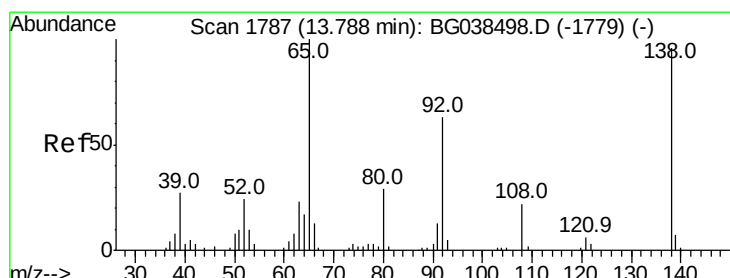
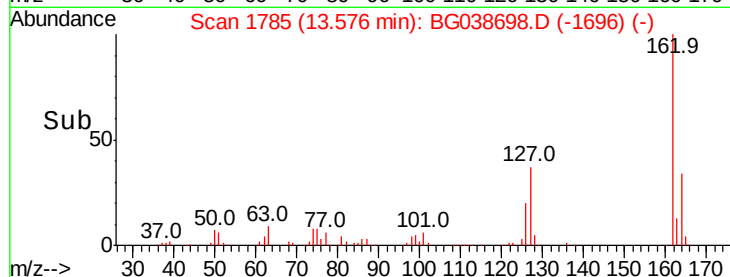
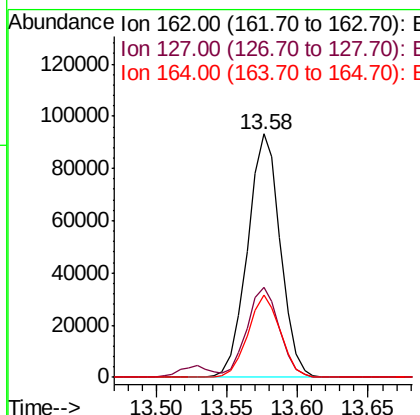
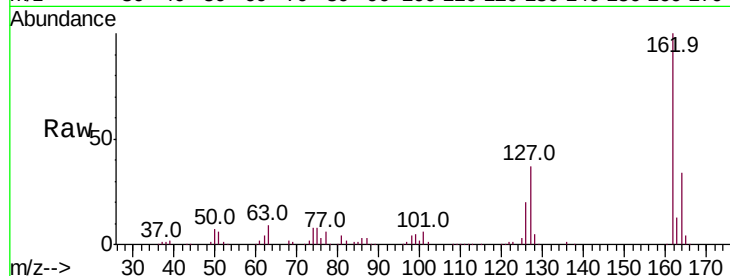
#47
2-Chloronaphthalene
Concen: 40.416 ng
RT: 13.58 min Scan# 1785
Delta R.T. -0.01 min
Lab File: BG038698.D
Acq: 18 Dec 2018 17:20

Instrument :
BNA_G
ClientSampleId :
PB115750BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.8	27.8	41.8
164	33.8	26.9	40.3

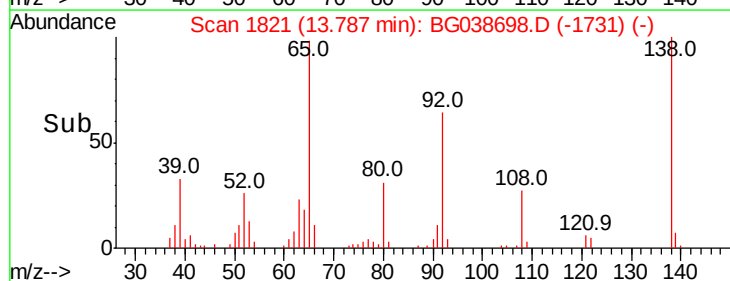
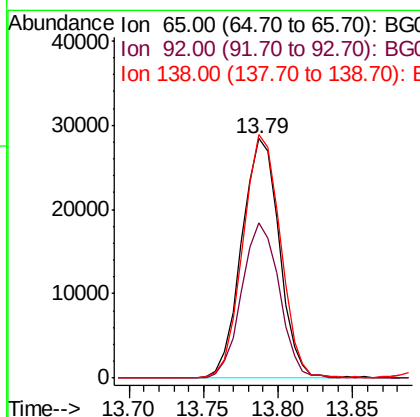
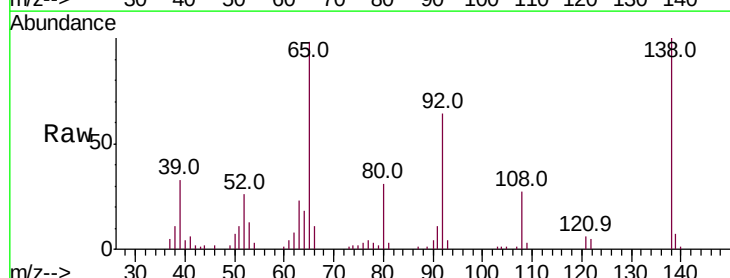
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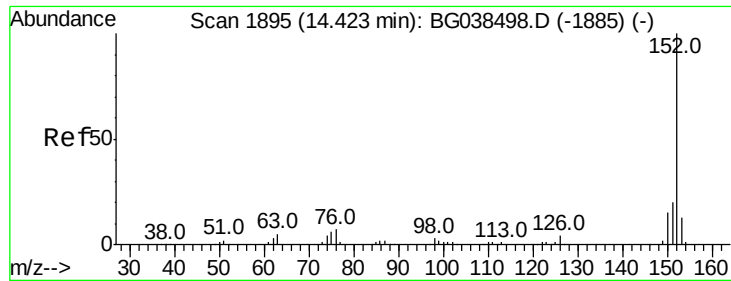
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#48
2-Nitroaniline
Concen: 41.431 ng
RT: 13.79 min Scan# 1821
Delta R.T. -0.00 min
Lab File: BG038698.D
Acq: 18 Dec 2018 17:20

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.9	50.0	75.0
138	101.7	76.9	115.3





#49

Acenaphthylene

Concen: 44.039 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BG038698.D

Acq: 18 Dec 2018 17:20

Instrument :

BNA_G

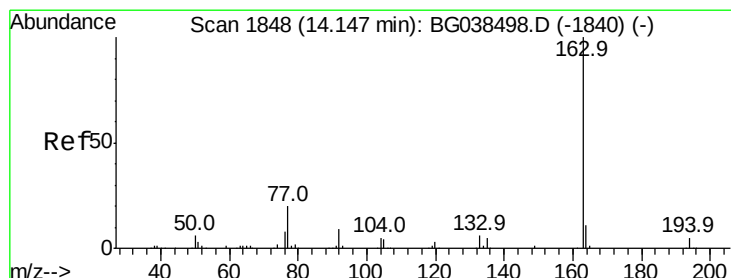
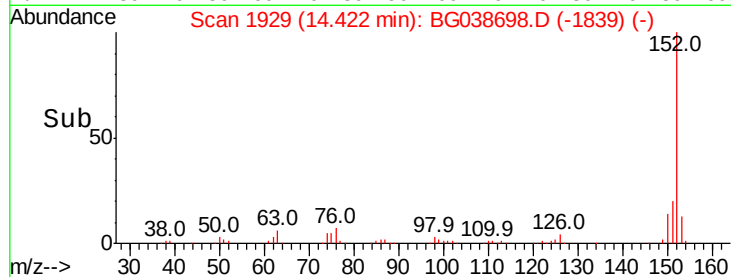
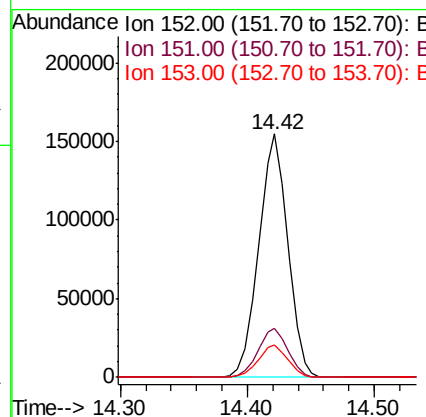
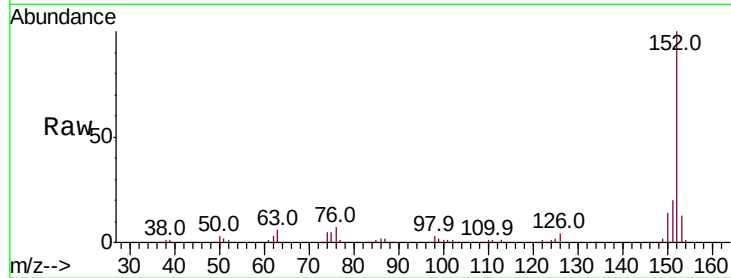
ClientSampleId :

PB115750BS

Tot Ion:	152	Resp:	246912
Ion Ratio	Lower	Upper	
152	100		
151	20.3	16.4	24.6
153	13.2	10.4	15.6

Manual Integrations
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#50

Dimethylphthalate

Concen: 41.540 ng

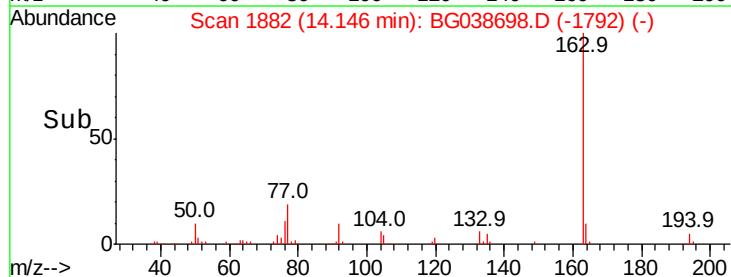
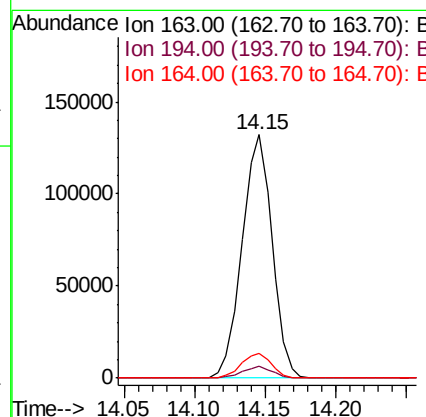
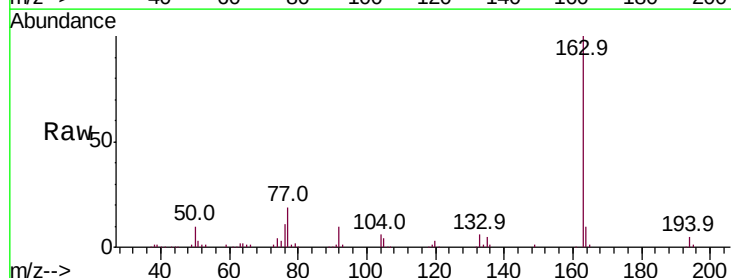
RT: 14.15 min Scan# 1882

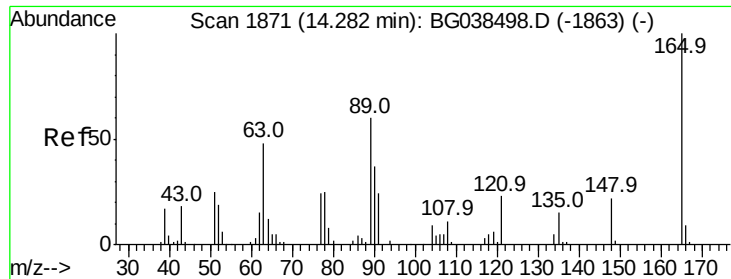
Delta R.T. -0.00 min

Lab File: BG038698.D

Acq: 18 Dec 2018 17:20

Tgt Ion:	163	Resp:	196464
Ion Ratio	Lower	Upper	
163	100		
194	5.0	3.7	5.5
164	10.1	8.6	12.8





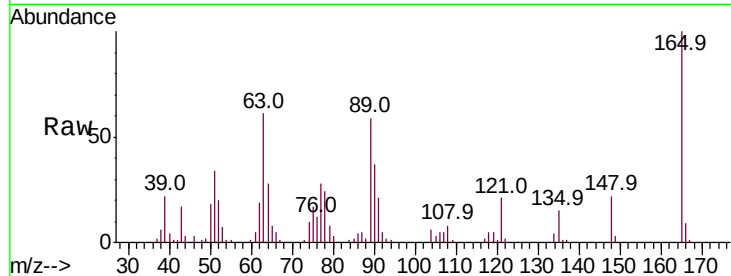
#51
 2,6-Dinitrotoluene
 Concen: 41.439 ng
 RT: 14.27 min Scan# 1904
 Delta R.T. -0.01 min
 Lab File: BG038698.D
 Acq: 18 Dec 2018 17:20

Instrument :
 BNA_G
 ClientSampleID :
 PB115750BS

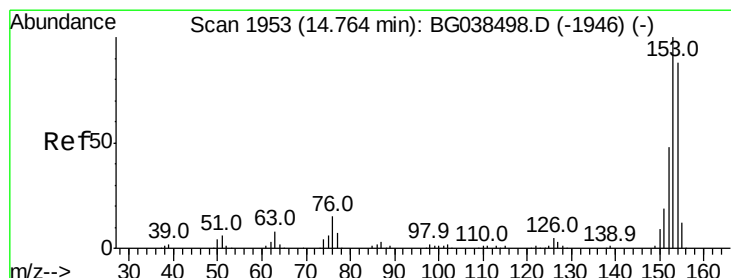
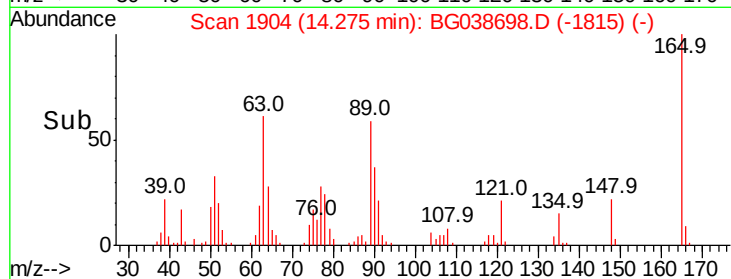
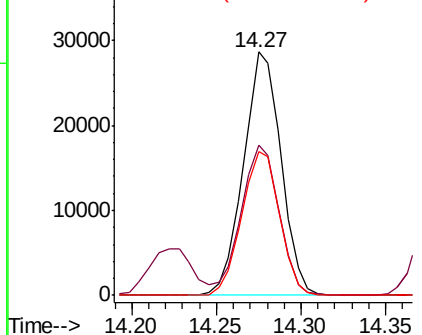
Tot Ion:	165	Resp:	44414
Ion Ratio	Lower	Upper	
165	100		
63	61.4	51.8	77.6
89	59.1	47.9	71.9

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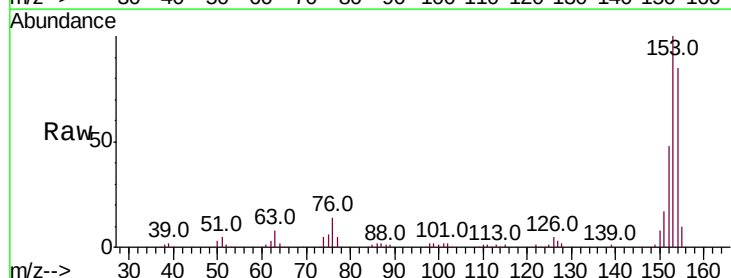


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

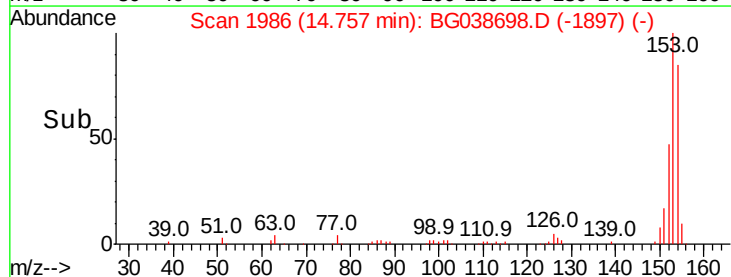
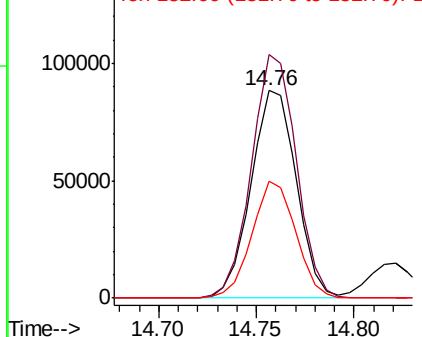


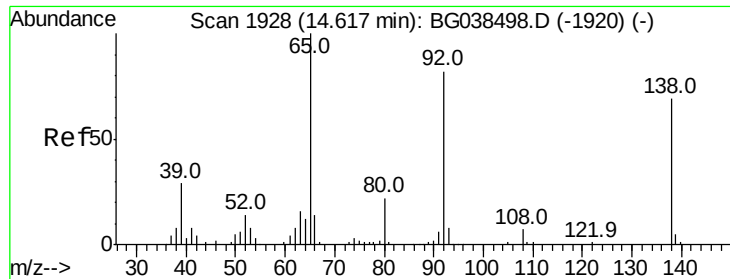
#52
 Acenaphthene
 Concen: 42.526 ng
 RT: 14.76 min Scan# 1986
 Delta R.T. -0.01 min
 Lab File: BG038698.D
 Acq: 18 Dec 2018 17:20

Tgt Ion:	154	Resp:	142570
Ion Ratio	Lower	Upper	
154	100		
153	117.2	90.6	136.0
152	56.1	43.5	65.3



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





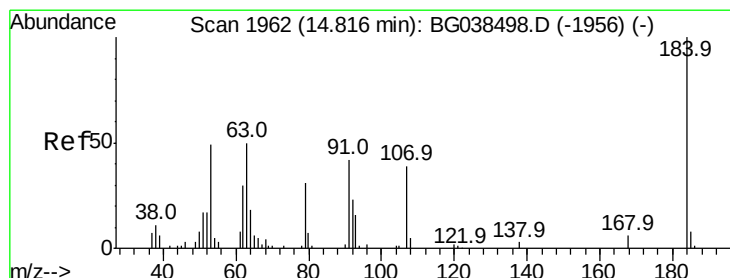
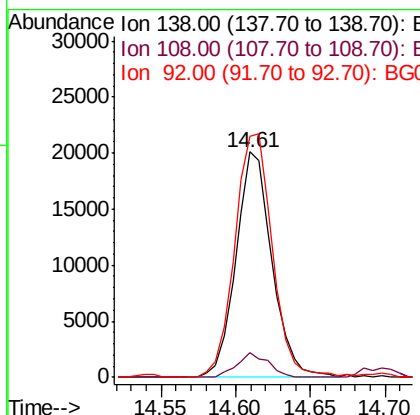
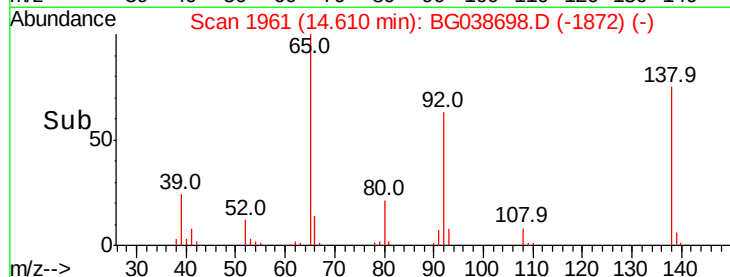
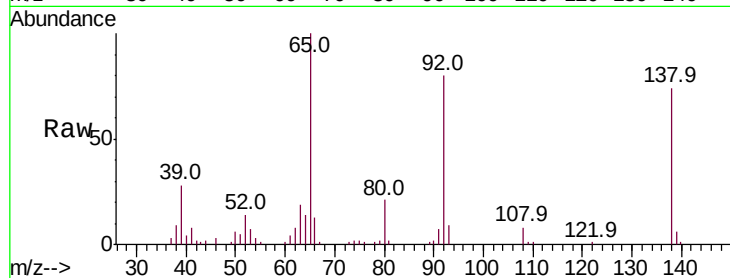
#53
3-Nitroaniline
Concen: 30.698 ng
RT: 14.61 min Scan# 1961
Delta R.T. -0.01 min
Lab File: BG038698.D
Acq: 18 Dec 2018 17:20

Instrument :
BNA_G
ClientSampleId :
PB115750BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.1	7.9	11.9
92	107.0	95.3	142.9

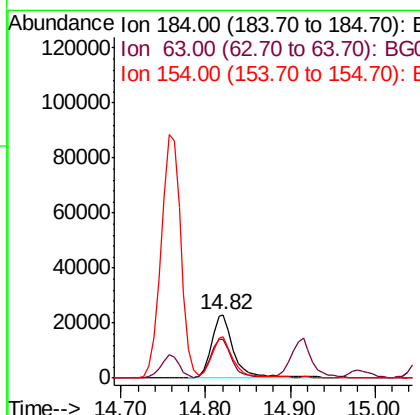
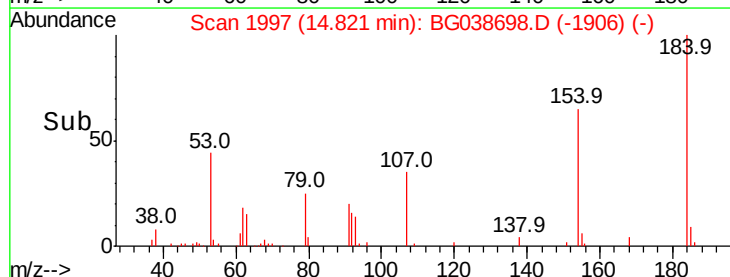
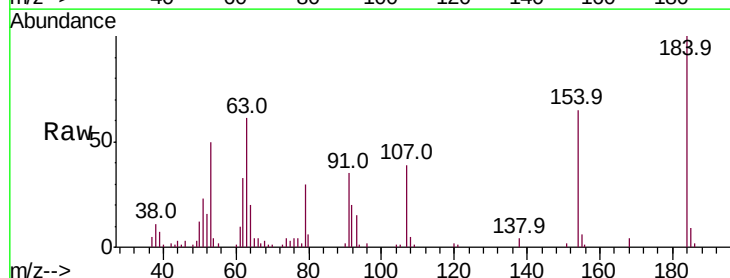
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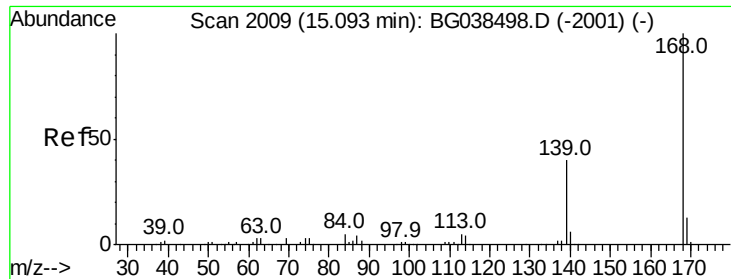
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#54
2,4-Dinitrophenol
Concen: 68.969 ng
RT: 14.82 min Scan# 1997
Delta R.T. 0.01 min
Lab File: BG038698.D
Acq: 18 Dec 2018 17:20

Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.6	47.0	70.6
154	64.8	50.3	75.5





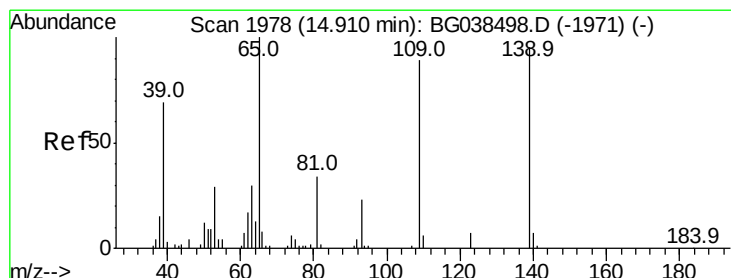
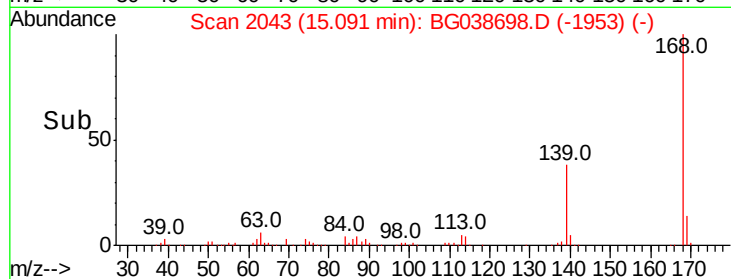
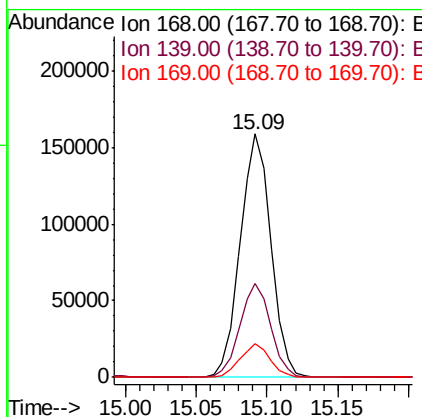
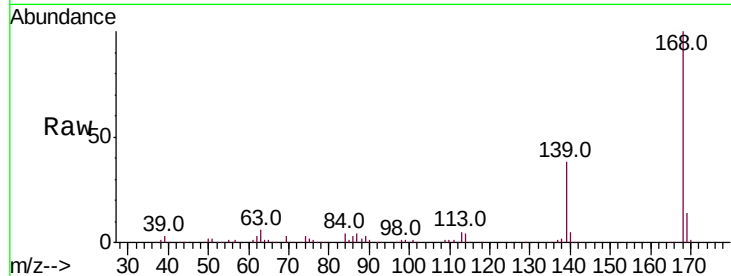
#55
Dibenzenofuran
Concen: 41.993 ng
RT: 15.09 min Scan# 2043
Delta R.T. -0.00 min
Lab File: BG038698.D
Acq: 18 Dec 2018 17:20

Instrument :
BNA_G
ClientSampleId :
PB115750BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.5	32.2	48.2
169	13.7	10.6	16.0

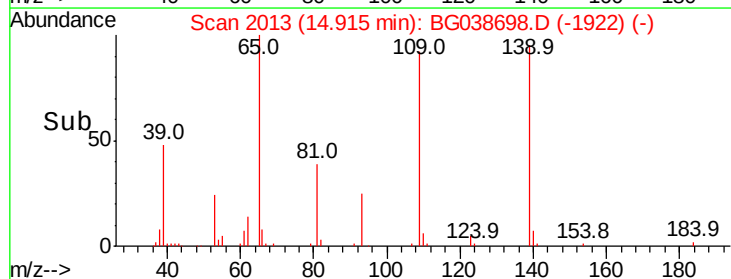
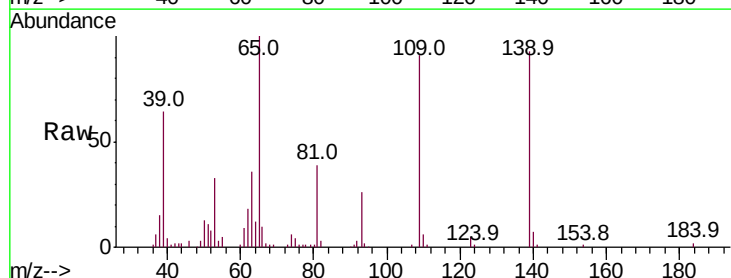
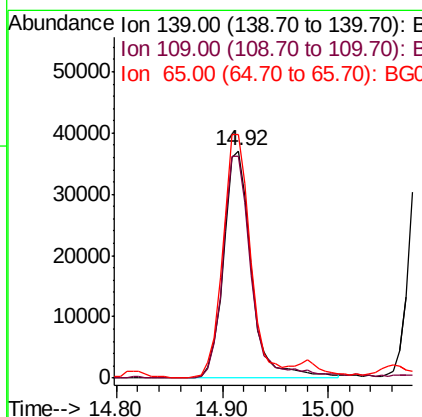
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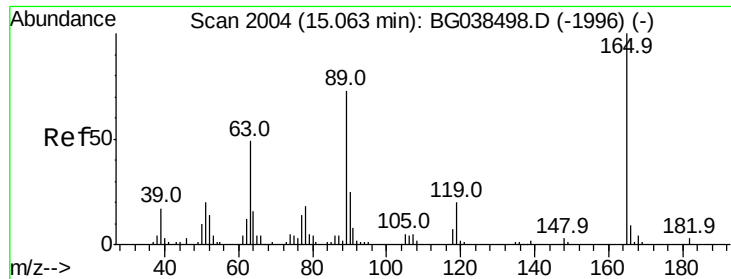
Sohil
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#56
4-Nitrophenol
Concen: 81.478 ng
RT: 14.92 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BG038698.D
Acq: 18 Dec 2018 17:20

Tgt Ion	Ratio	Lower	Upper
139	100		
109	97.3	73.6	113.6
65	107.1	84.8	124.8





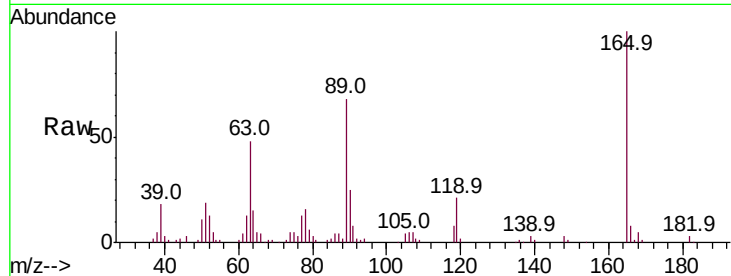
#57
2,4-Dinitrotoluene
Concen: 42.811 ng
RT: 15.06 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BG038698.D
Acq: 18 Dec 2018 17:20

Instrument :
BNA_G
ClientSampleId :
PB115750BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	48.0	39.0	58.4
89	67.8	58.0	87.0
182	2.7	2.3	3.5

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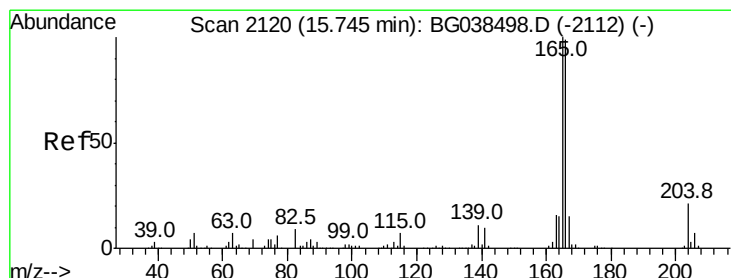
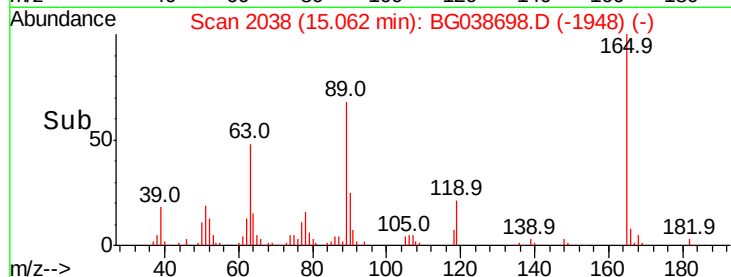
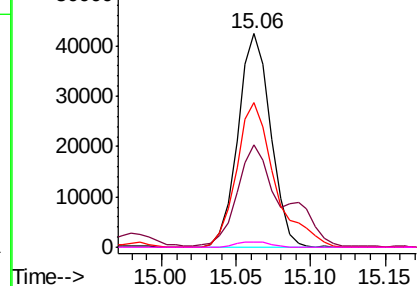
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

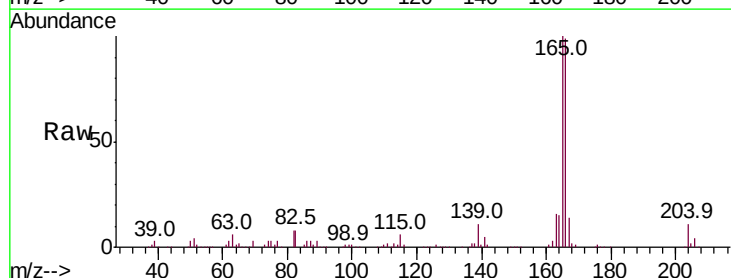
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 46.021 ng
RT: 15.74 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BG038698.D
Acq: 18 Dec 2018 17:20

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.8	80.6	120.8
167	14.6	12.0	18.0

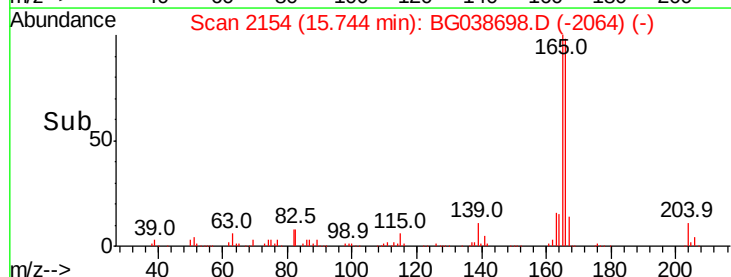
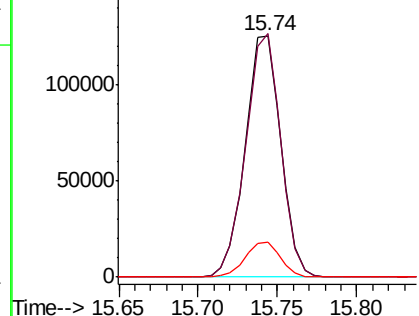


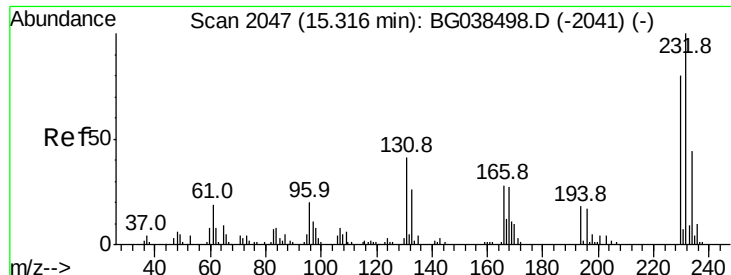
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





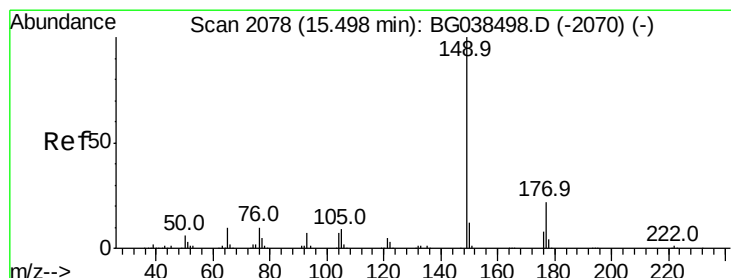
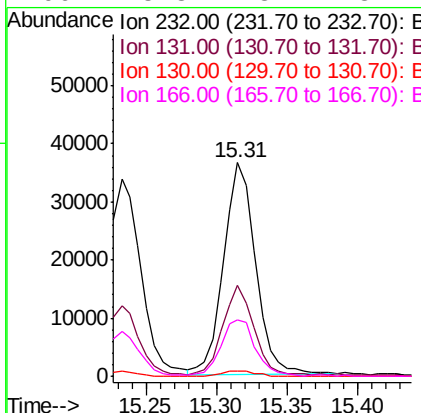
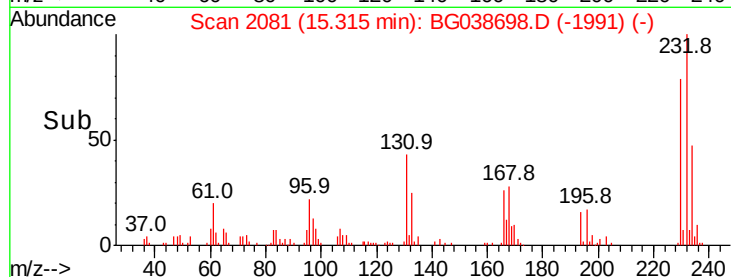
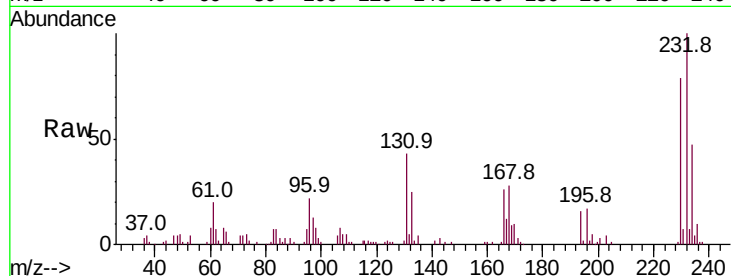
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.306 ng
 RT: 15.31 min Scan# 2081
 Delta R.T. -0.00 min
 Lab File: BG038698.D
 Acq: 18 Dec 2018 17:20

Instrument :
 BNA_G
 ClientSampleId :
 PB115750BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	57446		
131	41.9		33.0	49.4
130	2.6		2.0	3.0
166	28.8		23.1	34.7

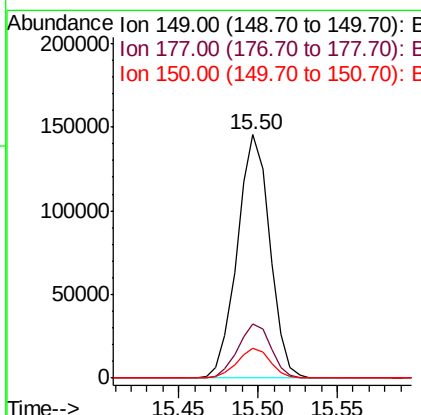
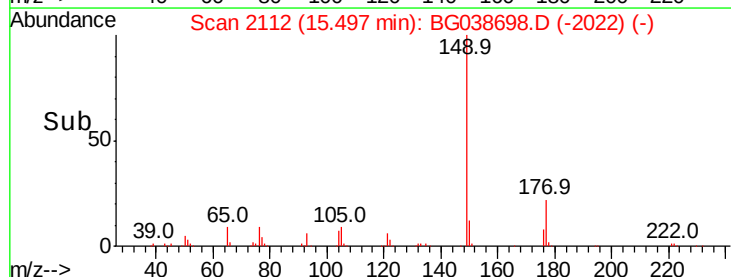
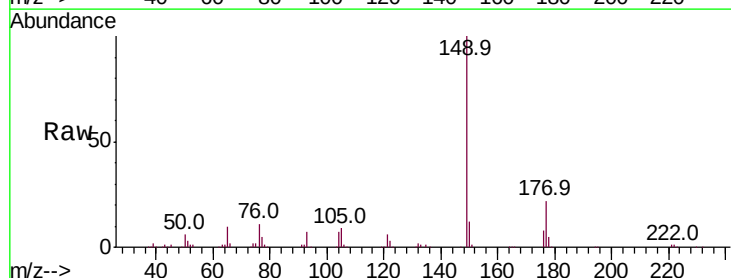
Manual Integrations
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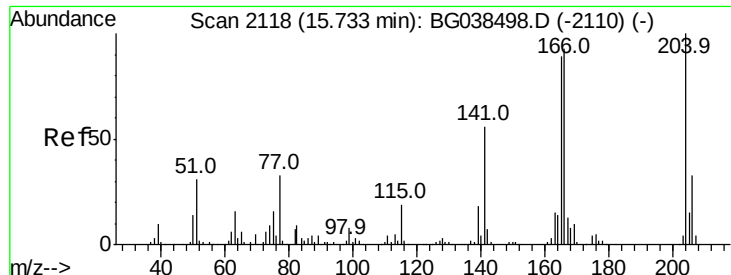
Sohil
 12/19/2018 4:12:23 PM



#60
 Diethylphthalate
 Concen: 39.856 ng
 RT: 15.50 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: BG038698.D
 Acq: 18 Dec 2018 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	206931		
177	22.3		17.7	26.5
150	12.2		9.9	14.9





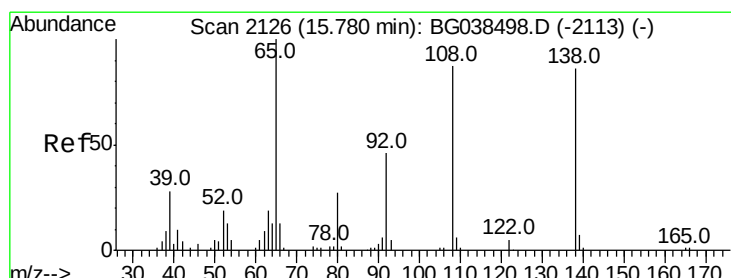
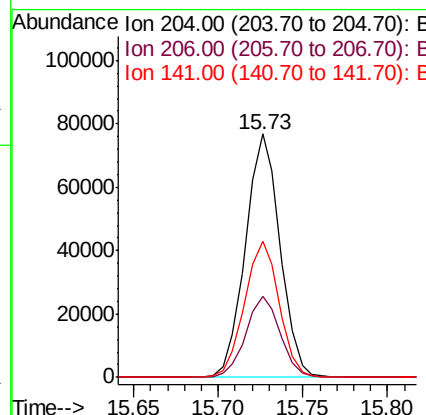
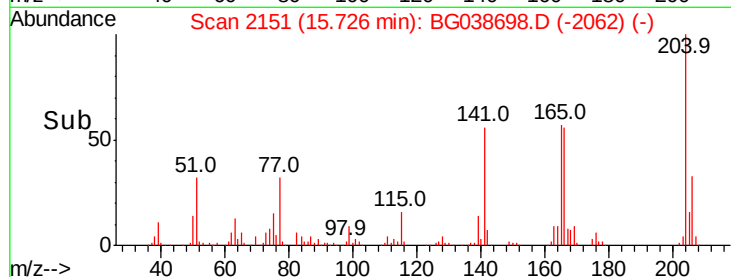
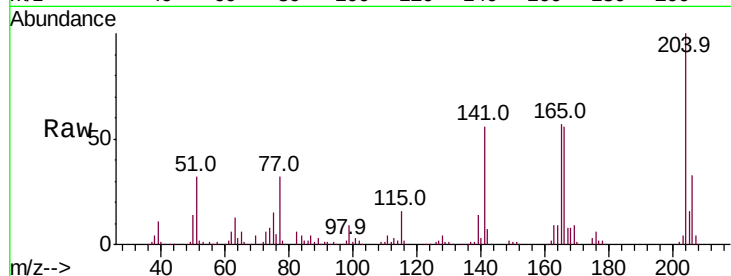
#61
4-Chlorophenyl-phenylether
Concen: 41.161 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BG038698.D
Acq: 18 Dec 2018 17:20

Instrument :
BNA_G
ClientSampleId :
PB115750BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.0	39.0
141	55.6	44.4	66.6

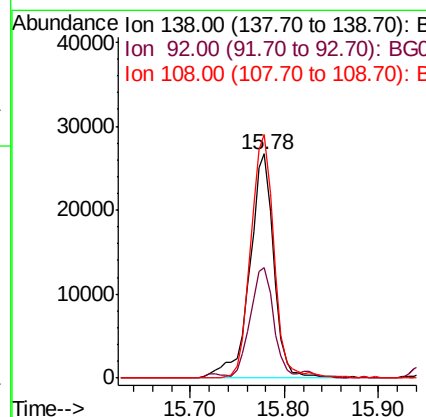
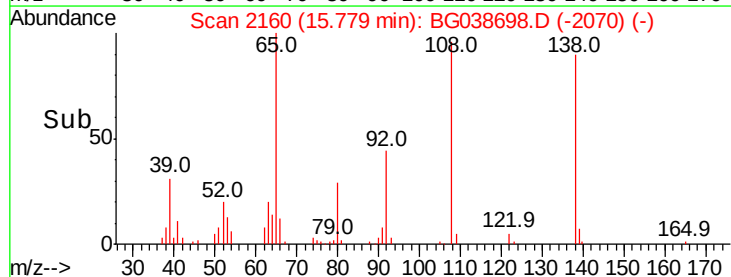
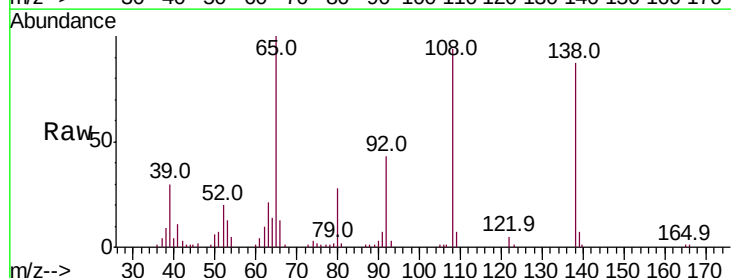
Manual Integrations
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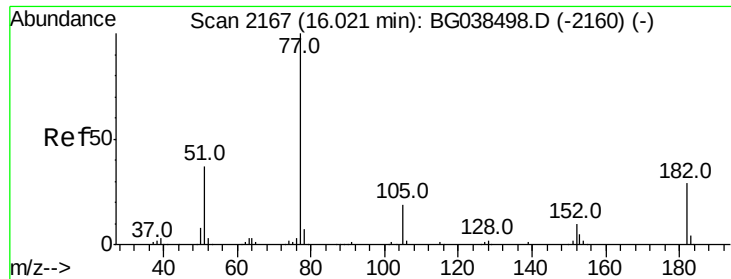
Sohil
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#62
4-Nitroaniline
Concen: 42.312 ng
RT: 15.78 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BG038698.D
Acq: 18 Dec 2018 17:20

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.4	33.3	73.3
108	108.6	81.4	121.4





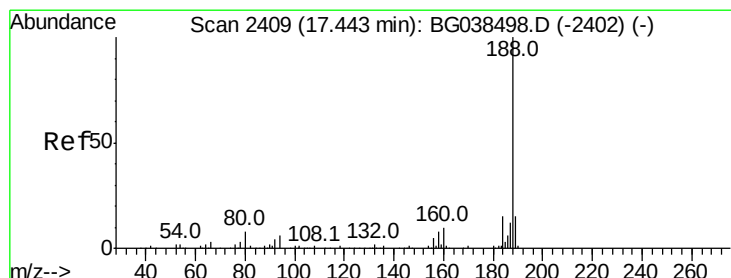
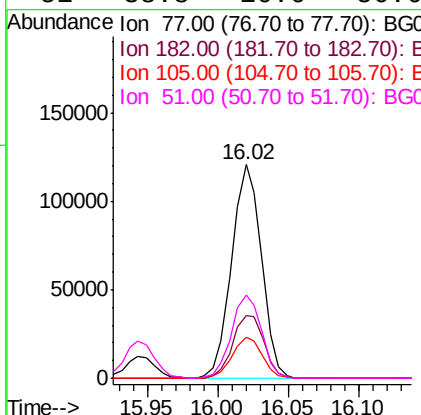
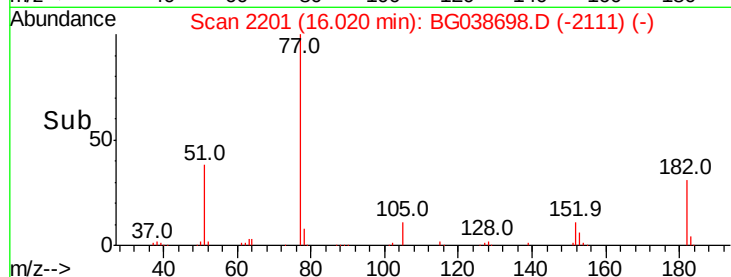
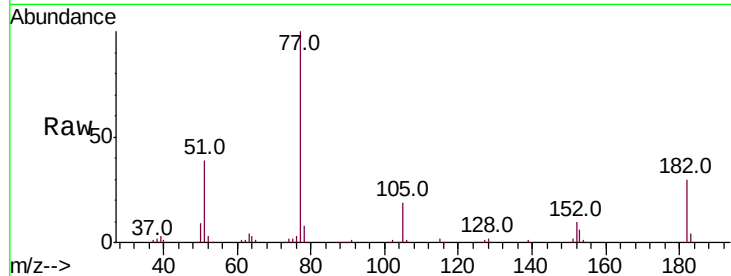
#63
Azobenzene
Concen: 40.887 ng
RT: 16.02 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BG038698.D
Acq: 18 Dec 2018 17:20

Instrument :
BNA_G
ClientSampleId :
PB115750BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	29.6	8.7	48.7
105	19.4	0.0	38.7
51	38.8	16.6	56.6

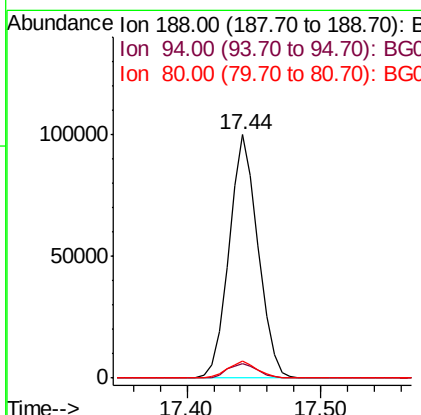
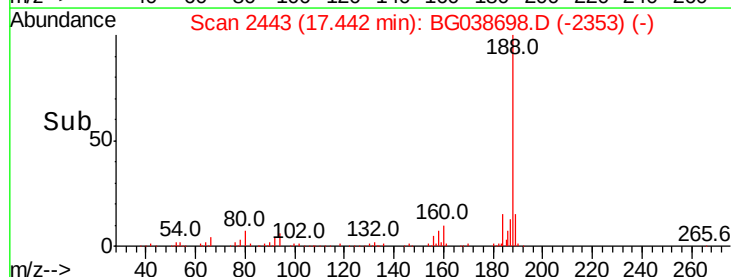
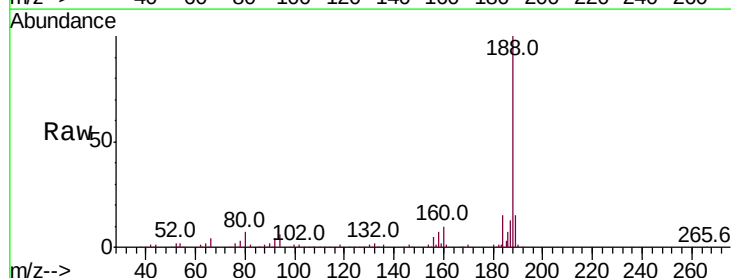
Manual Integrations
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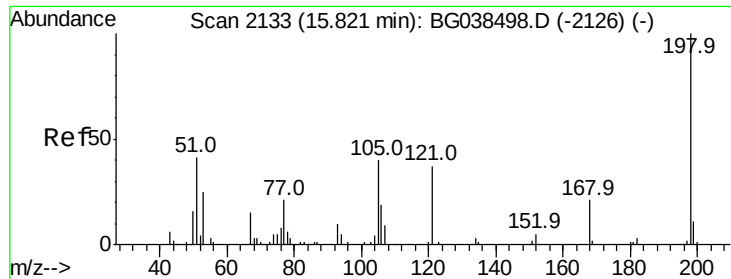
Sohil
12/19/2018 4:12:23 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038698.D
Acq: 18 Dec 2018 17:20

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.9	5.1	7.7
80	7.2	6.1	9.1





#65

4,6-Dinitro-2-methylphenol

Concen: 37.324 ng

RT: 15.82 min Scan# 2167

Delta R.T. -0.00 min

Lab File: BG038698.D

Acq: 18 Dec 2018 17:20

Instrument :

BNA_G

ClientSampleId :

PB115750BS

Tot Ion:198 Resp: 40069

Ion Ratio Lower Upper

198 100

51 46.9 28.6 68.6

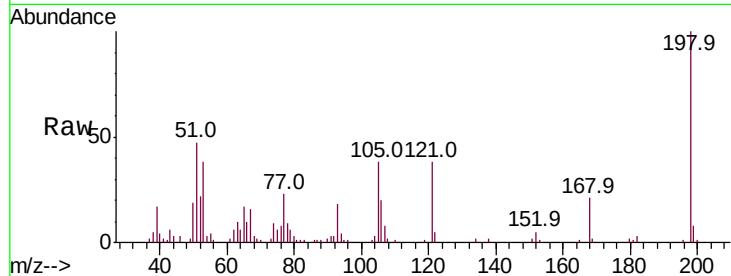
105 37.8 20.4 60.4

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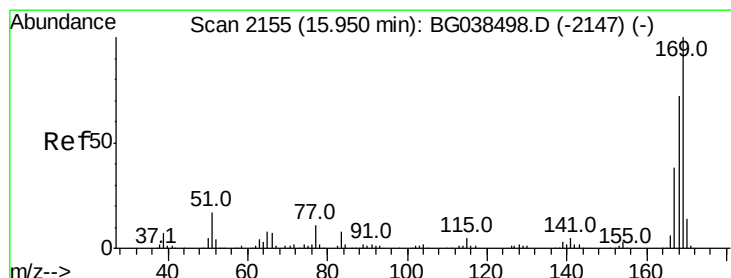
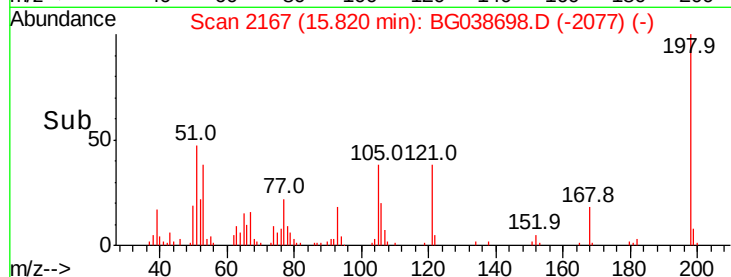
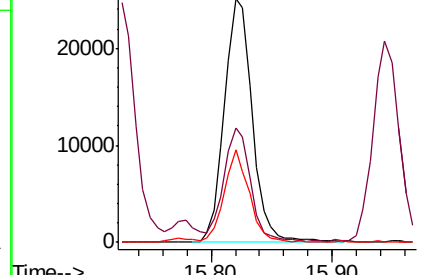
12/19/2018 4:12:23 PM



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: 40.767 ng

RT: 15.94 min Scan# 2188

Delta R.T. -0.01 min

Lab File: BG038698.D

Acq: 18 Dec 2018 17:20

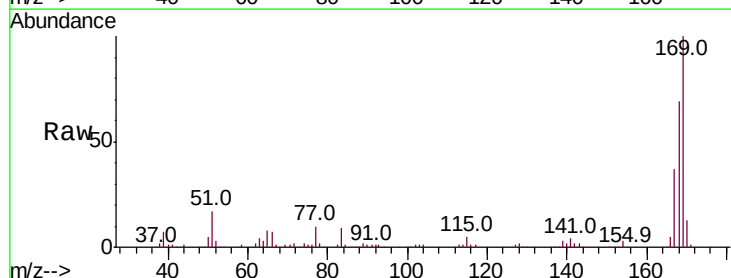
Tgt Ion:169 Resp: 180265

Ion Ratio Lower Upper

169 100

168 68.7 57.5 86.3

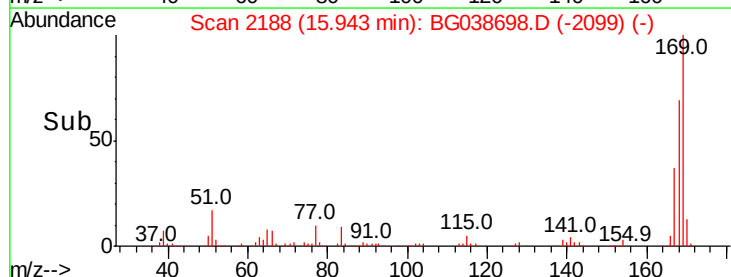
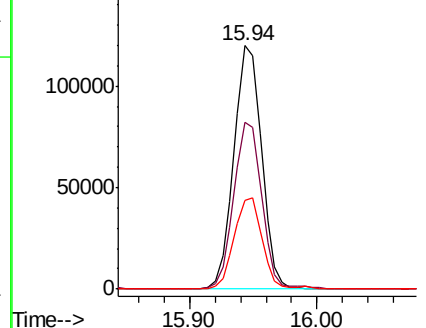
167 36.6 30.2 45.2

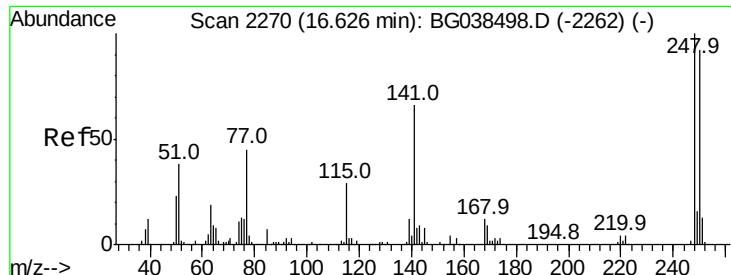


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 40.154 ng

RT: 16.62 min Scan# 2304

Delta R.T. -0.00 min

Lab File: BG038698.D

Acq: 18 Dec 2018 17:20

Instrument :

BNA_G

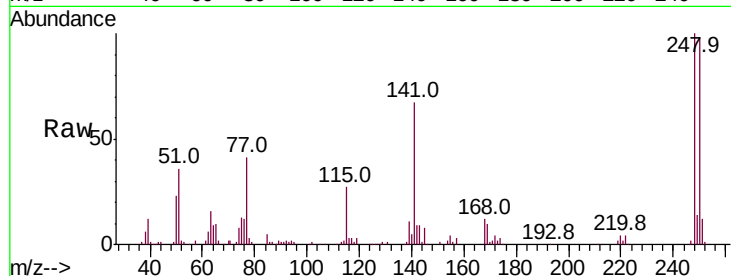
ClientSampleId :

PB115750BS

Tot Ion:	248	Resp:	73802
Ion Ratio	Lower	Upper	
248	100		
250	97.5	73.4	110.2
141	66.6	52.9	79.3

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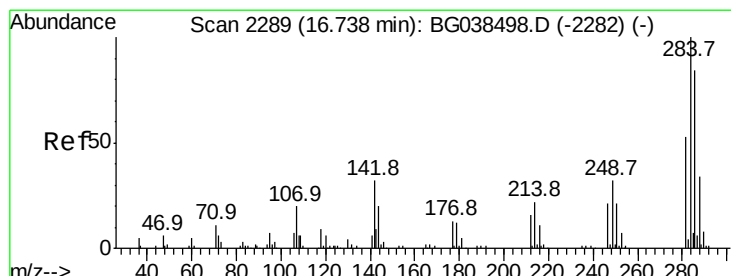
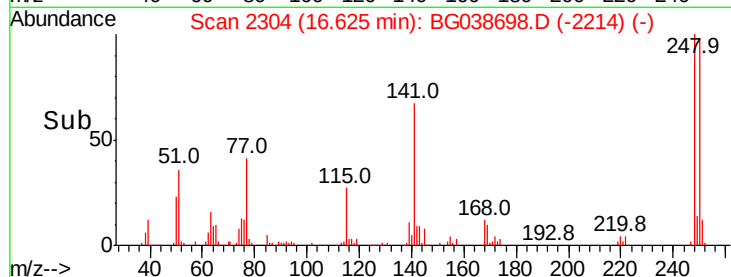
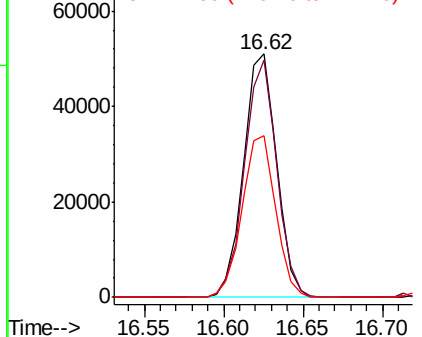


Abundance

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: 40.438 ng

RT: 16.74 min Scan# 2323

Delta R.T. -0.00 min

Lab File: BG038698.D

Acq: 18 Dec 2018 17:20

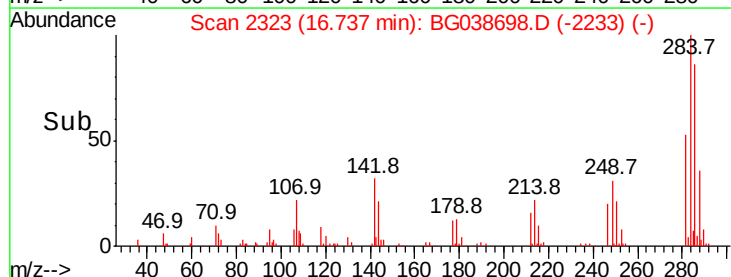
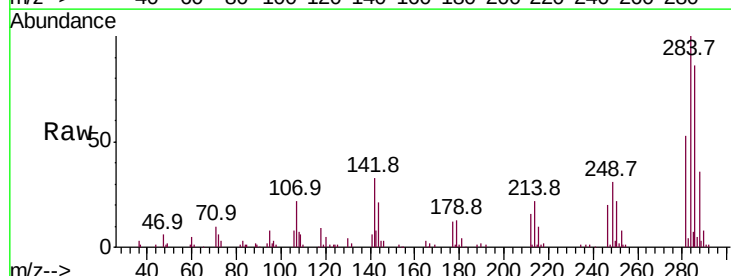
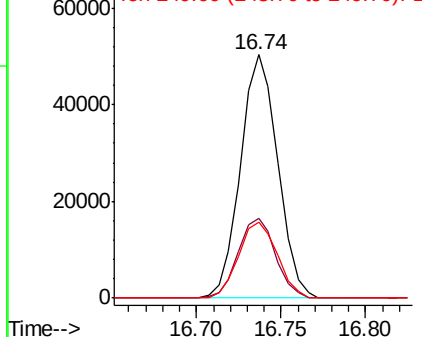
Tgt Ion:	284	Resp:	77046
Ion Ratio	Lower	Upper	
284	100		
142	33.0	25.8	38.6
249	33.8	27.0	40.4

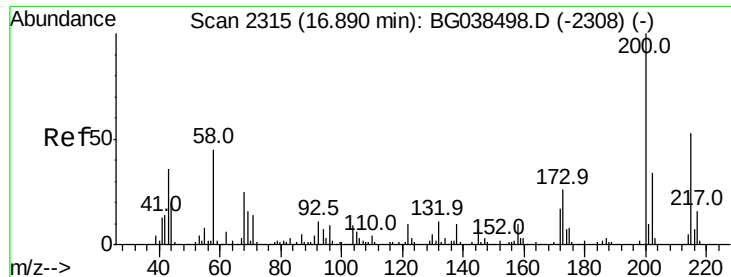
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





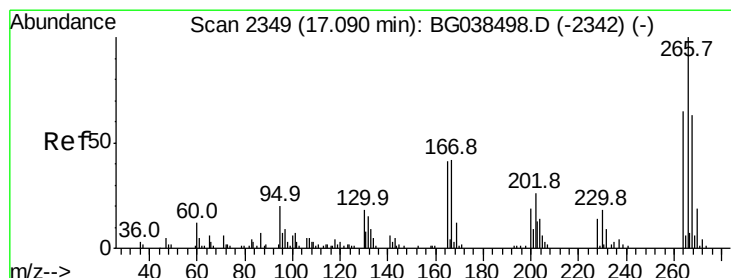
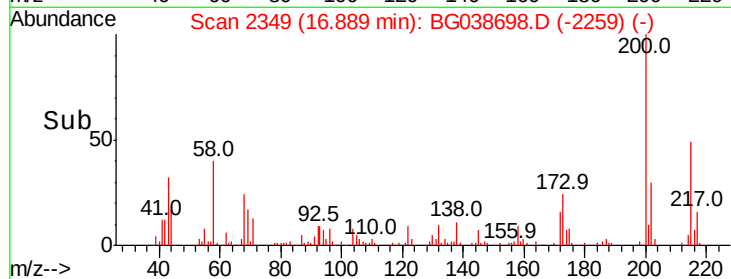
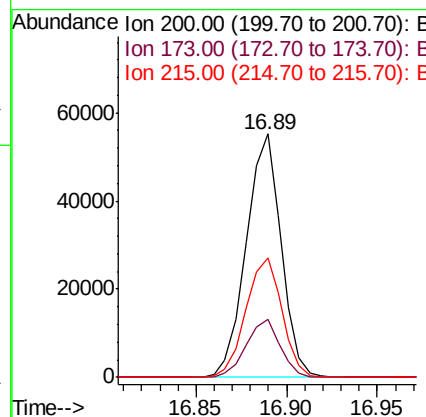
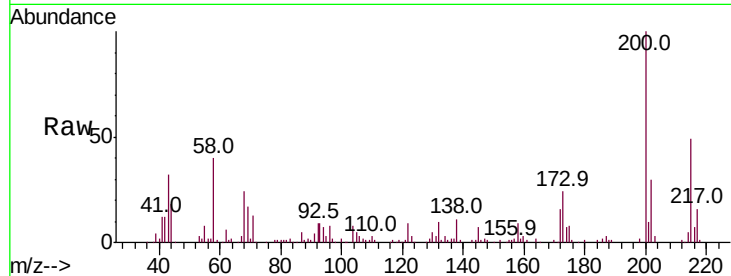
#69
 Atrazine
 Concen: 45.061 ng
 RT: 16.89 min Scan# 2349
 Delta R.T. -0.00 min
 Lab File: BG038698.D
 Acq: 18 Dec 2018 17:20

Instrument :
 BNA_G
 ClientSampleId :
 PB115750BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.0	5.9	45.9
215	48.8	33.1	73.1

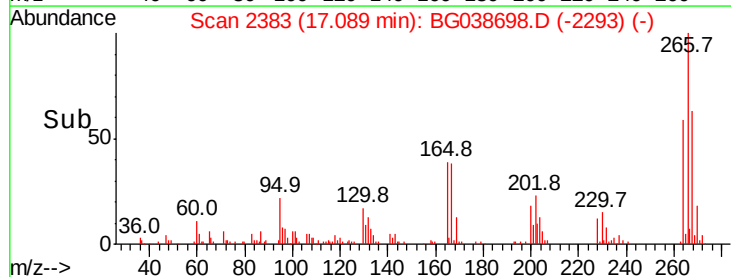
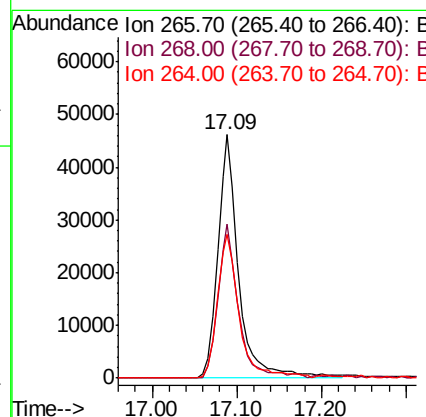
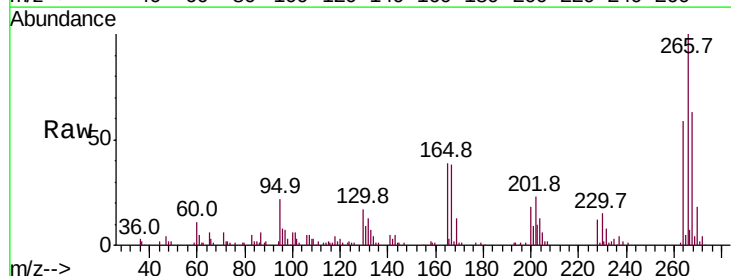
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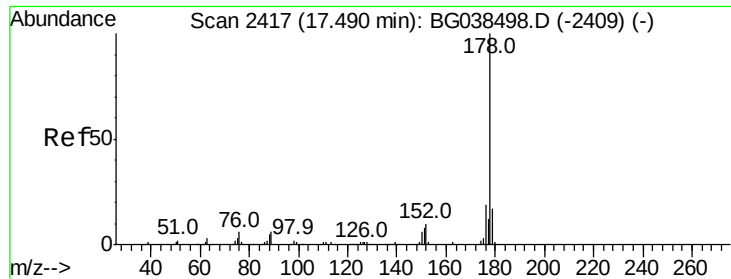
Sohil
 12/19/2018 4:12:23 PM



#70
 Pentachlorophenol
 Concen: 71.154 ng
 RT: 17.09 min Scan# 2383
 Delta R.T. -0.00 min
 Lab File: BG038698.D
 Acq: 18 Dec 2018 17:20

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.4	55.0	82.6
264	64.3	56.7	85.1





#71

Phenanthrene

Concen: 44.020 ng

RT: 17.49 min Scan# 2451

Delta R.T. -0.00 min

Lab File: BG038698.D

Acq: 18 Dec 2018 17:20

Instrument :

BNA_G

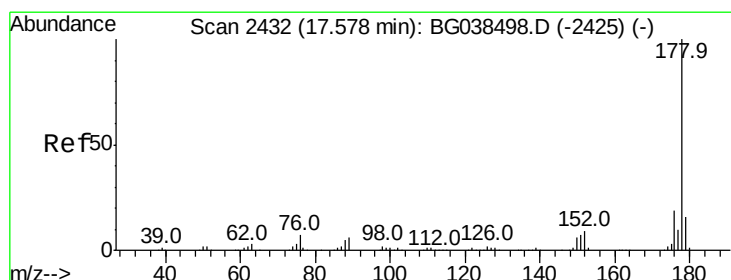
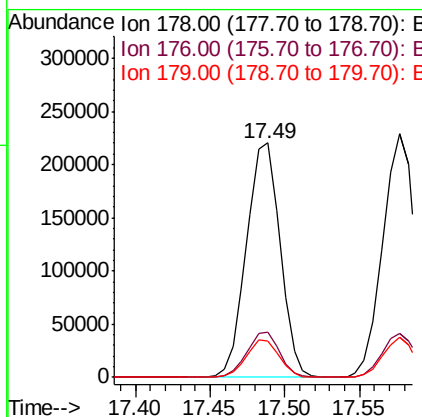
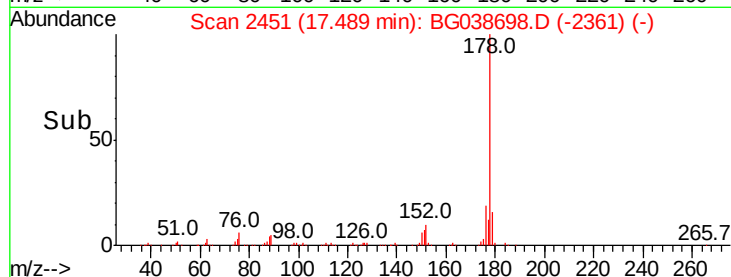
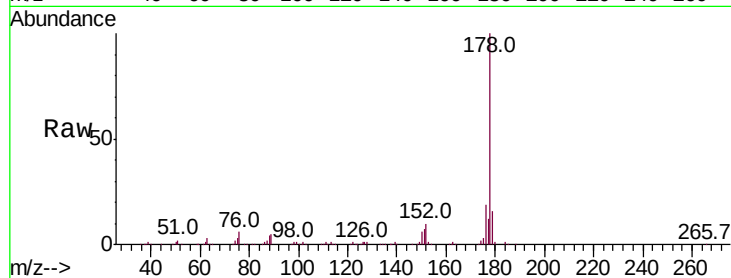
ClientSampleId :

PB115750BS

Tot Ion:	178	Resp:	343539
Ion Ratio	Lower	Upper	
178	100		
176	19.1	15.1	22.7
179	15.7	13.2	19.8

Manual Integrations
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#72

Anthracene

Concen: 45.209 ng

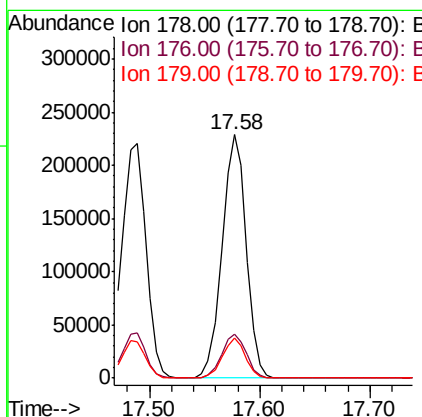
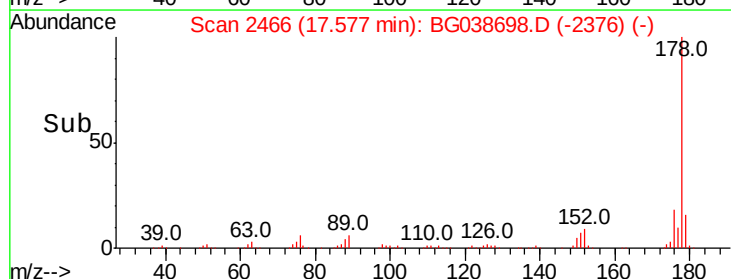
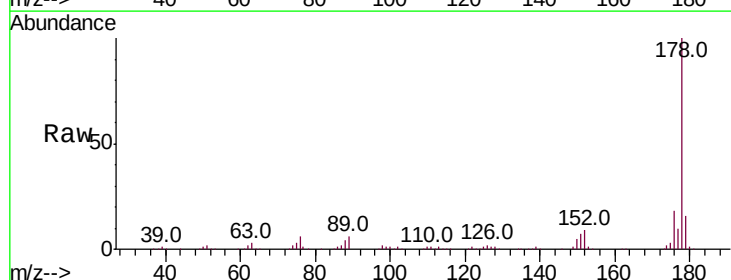
RT: 17.58 min Scan# 2466

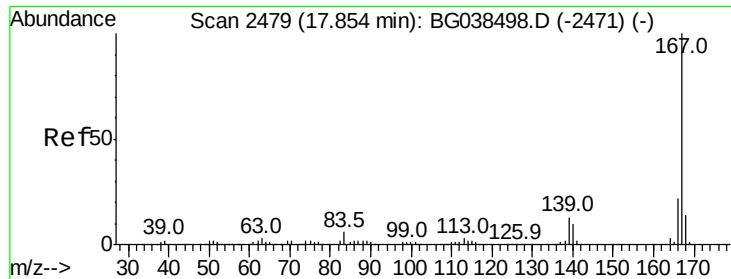
Delta R.T. -0.00 min

Lab File: BG038698.D

Acq: 18 Dec 2018 17:20

Tgt Ion:	178	Resp:	348305
Ion Ratio	Lower	Upper	
178	100		
176	18.2	15.1	22.7
179	16.3	12.9	19.3





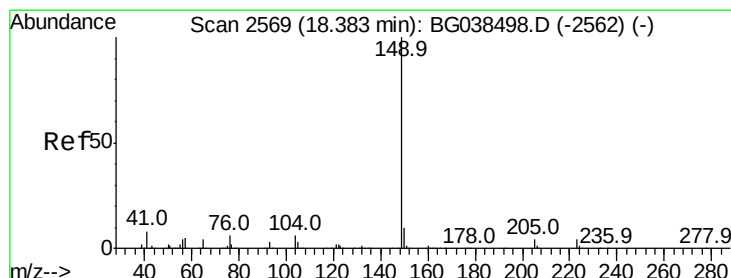
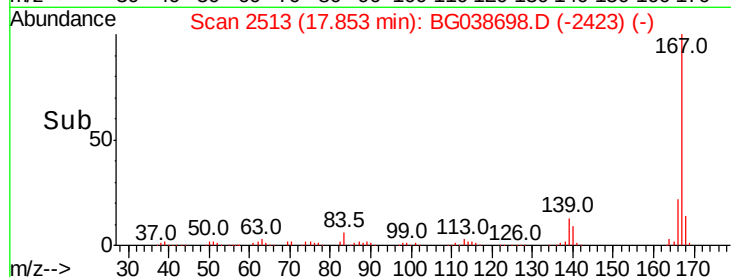
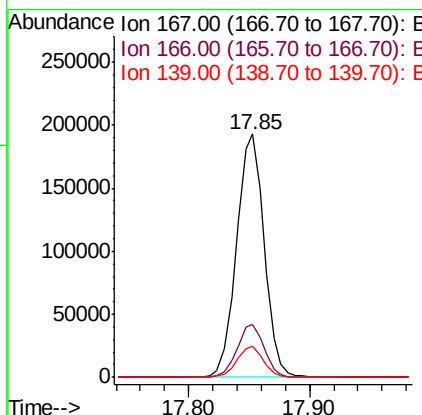
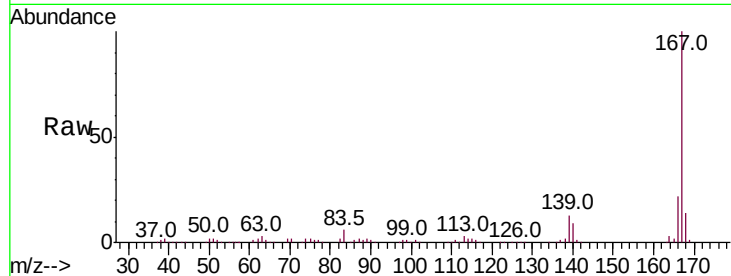
#73
 Carbazole
 Concen: 40.259 ng
 RT: 17.85 min Scan# 2513
 Delta R.T. -0.00 min
 Lab File: BG038698.D
 Acq: 18 Dec 2018 17:20

Instrument :
 BNA_G
 ClientSampleID :
 PB115750BS

Tot Ion	Ratio	Resp	Lower	Upper
167	100			
166	21.6	17.9	26.9	
139	12.8	10.2	15.2	

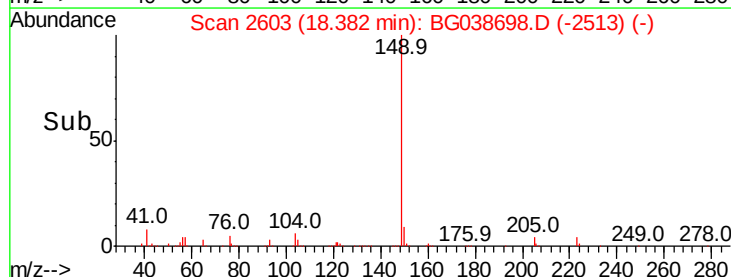
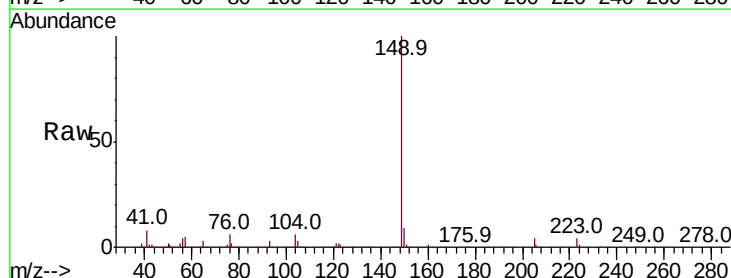
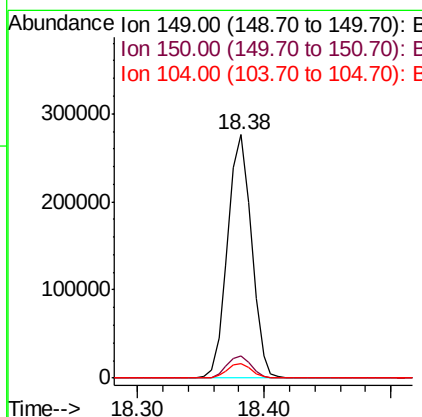
Manual Integrations
 APPROVED

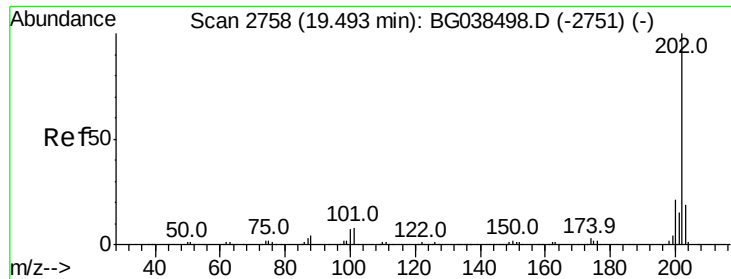
Sohil
 12/19/2018 4:12:23 PM



#74
 Di-n-butylphthalate
 Concen: 41.184 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. -0.00 min
 Lab File: BG038698.D
 Acq: 18 Dec 2018 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.3	7.6	11.4	
104	5.8	5.0	7.4	





#75

Fluoranthene

Concen: 44.272 ng

RT: 19.49 min Scan# 2792

Delta R.T. -0.00 min

Lab File: BG038698.D

Acq: 18 Dec 2018 17:20

Instrument :

BNA_G

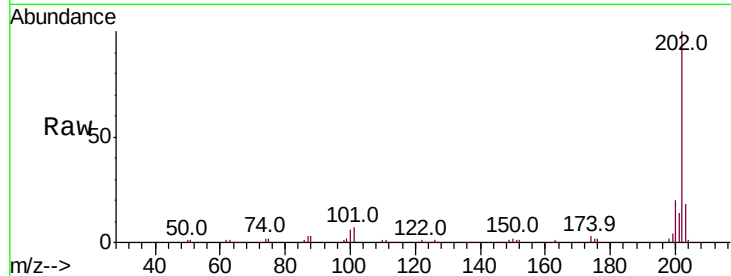
ClientSampleId :

PB115750BS

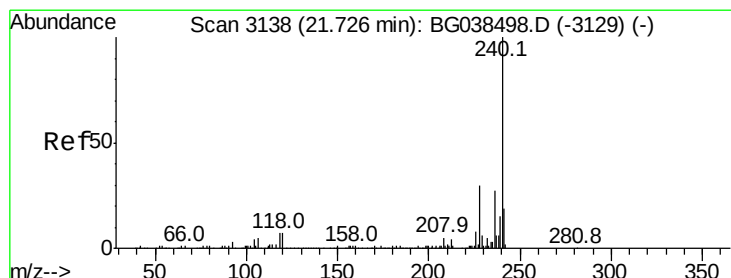
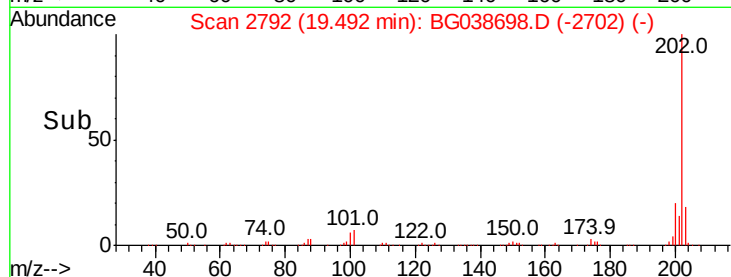
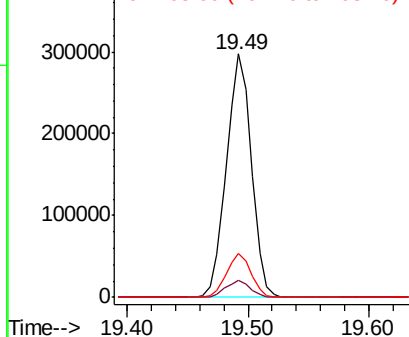
Tot Ion:	202	Resp:	427482
Ion Ratio	Lower	Upper	
202	100		
101	7.0	0.0	28.1
203	18.0	0.0	39.0

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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.72 min Scan# 3172

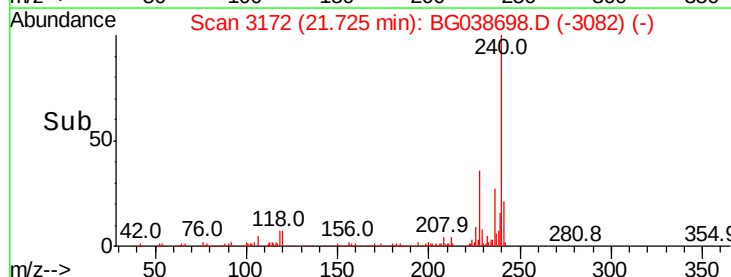
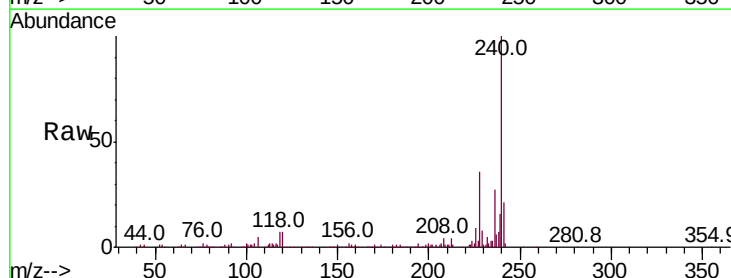
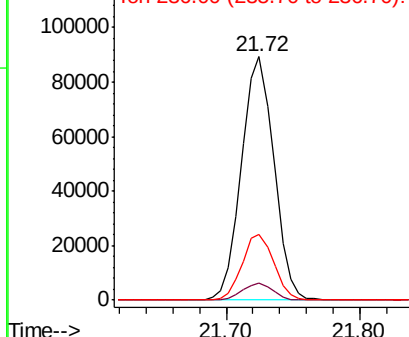
Delta R.T. -0.00 min

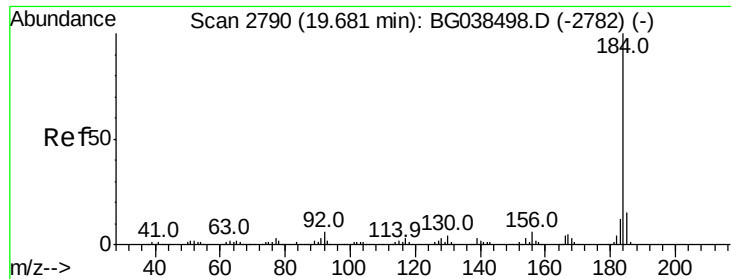
Lab File: BG038698.D

Acq: 18 Dec 2018 17:20

Tgt Ion:	240	Resp:	149910
Ion Ratio	Lower	Upper	
240	100		
120	6.9	5.3	7.9
236	26.9	21.4	32.2

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





#77

Benzidine

Concen: 44.208 ng

RT: 19.68 min Scan# 2824

Delta R.T. -0.00 min

Lab File: BG038698.D

Acq: 18 Dec 2018 17:20

Instrument :

BNA_G

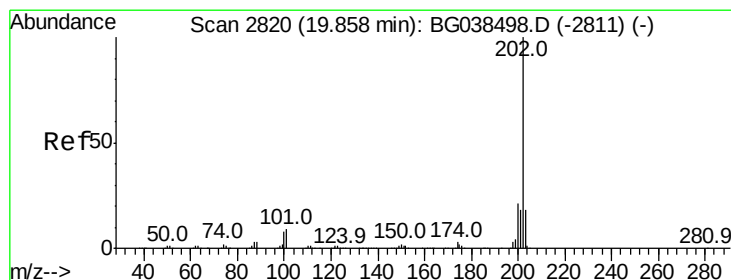
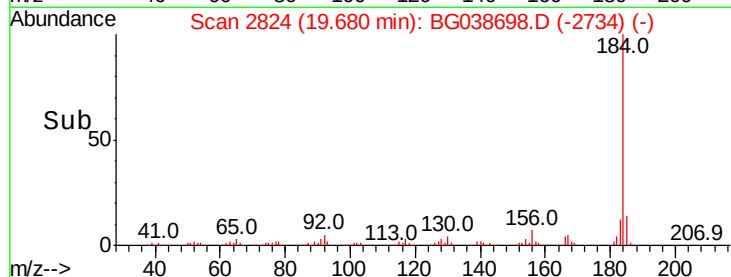
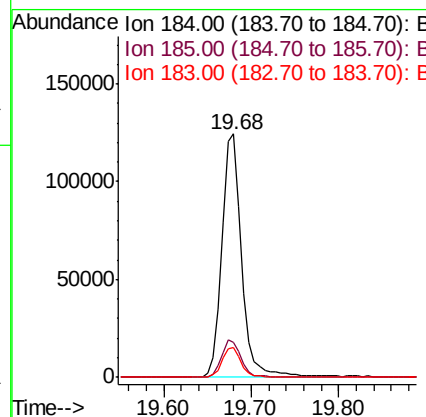
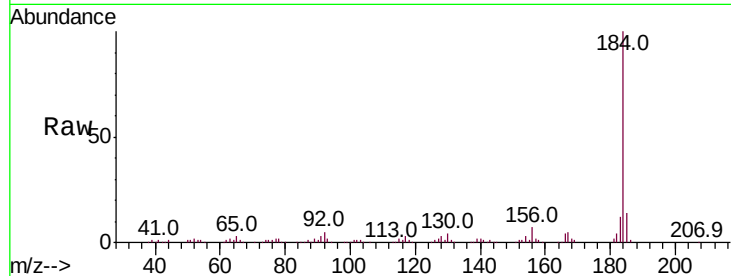
ClientSampleId :

PB115750BS

Tot Ion:	184	Resp:	195995
Ion Ratio	Lower	Upper	
184	100		
185	14.1	12.2	18.2
183	12.3	9.6	14.4

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#78

Pyrene

Concen: 42.472 ng

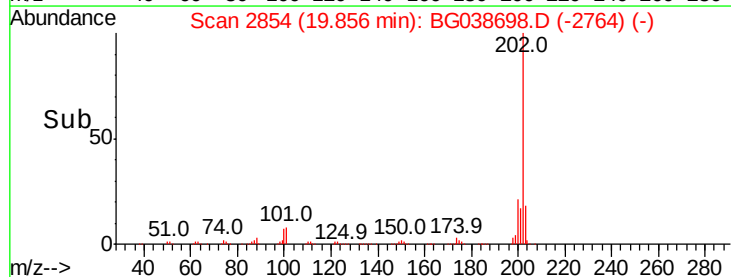
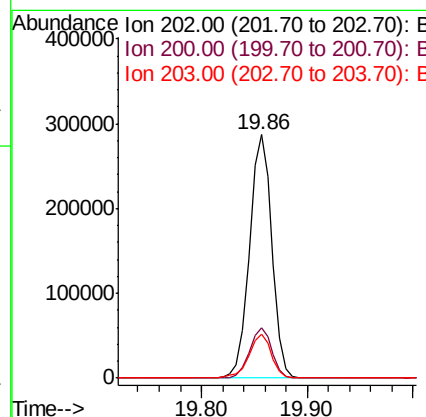
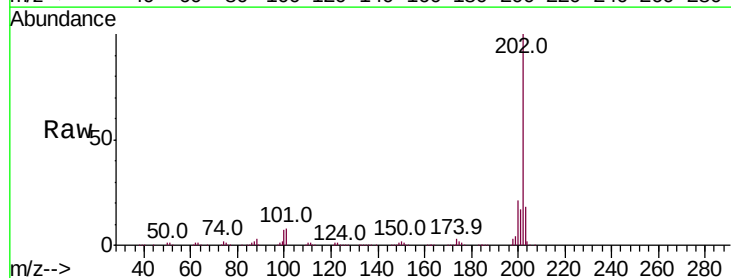
RT: 19.86 min Scan# 2854

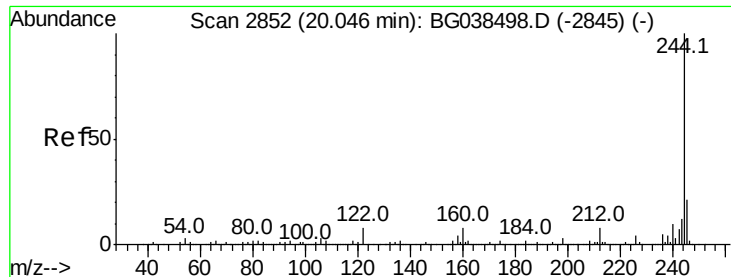
Delta R.T. -0.00 min

Lab File: BG038698.D

Acq: 18 Dec 2018 17:20

Tgt Ion:	202	Resp:	420624
Ion Ratio	Lower	Upper	
202	100		
200	20.9	16.6	25.0
203	18.2	14.6	21.8





#79

Terphenyl-d14

Concen: 84.392 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038698.D

Acq: 18 Dec 2018 17:20

Instrument :

BNA_G

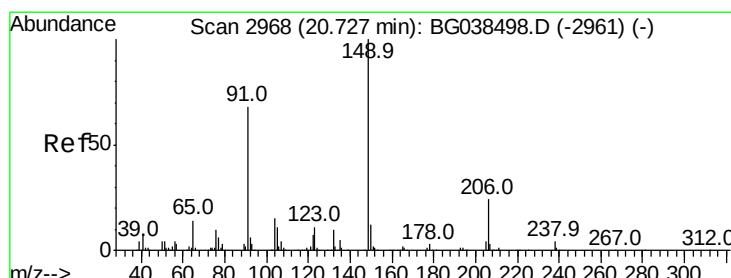
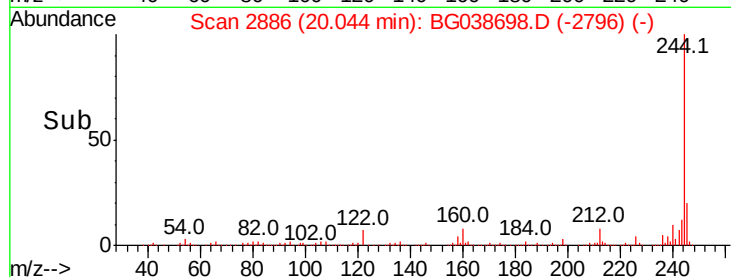
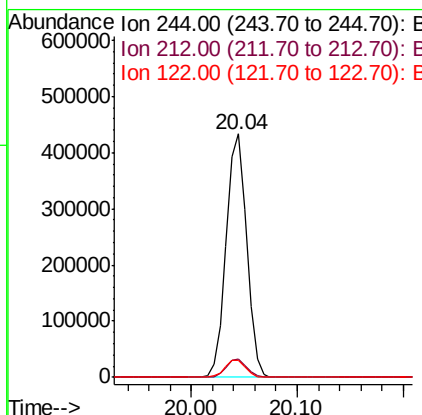
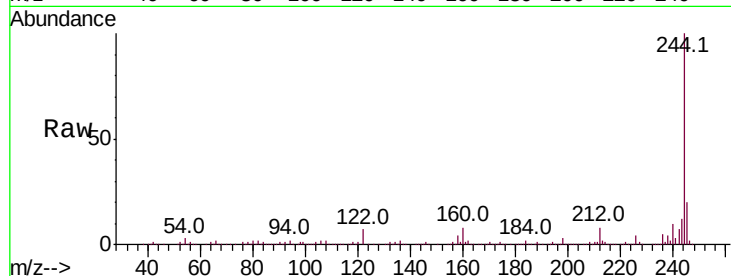
ClientSampleId :

PB115750BS

Tot Ion:	244	Resp:	581310
Ion Ratio	Lower	Upper	
244	100		
212	7.7	6.2	9.2
122	6.8	6.3	9.5

Manual Integrations
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#80

Butylbenzylphthalate

Concen: 42.119 ng

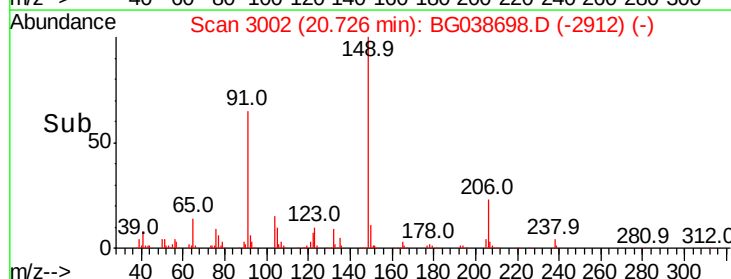
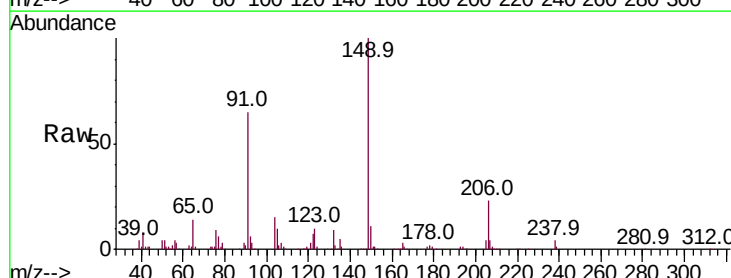
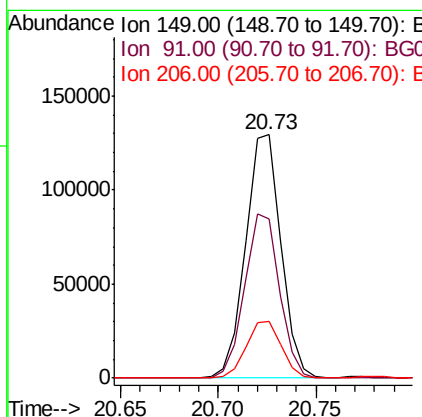
RT: 20.73 min Scan# 3002

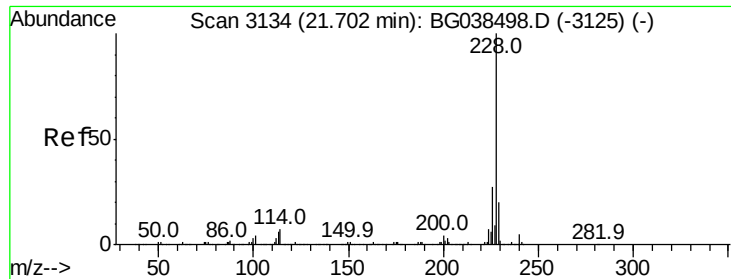
Delta R.T. -0.00 min

Lab File: BG038698.D

Acq: 18 Dec 2018 17:20

Tgt Ion:	149	Resp:	162965
Ion Ratio	Lower	Upper	
149	100		
91	65.1	54.5	81.7
206	23.2	19.0	28.6





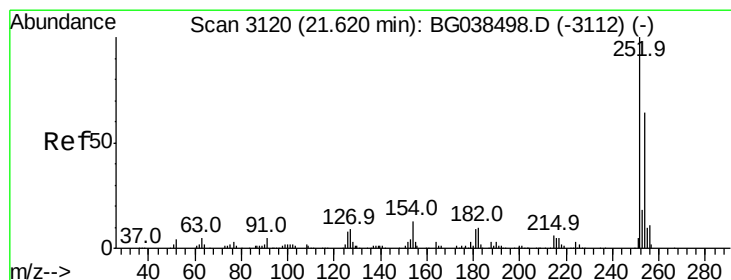
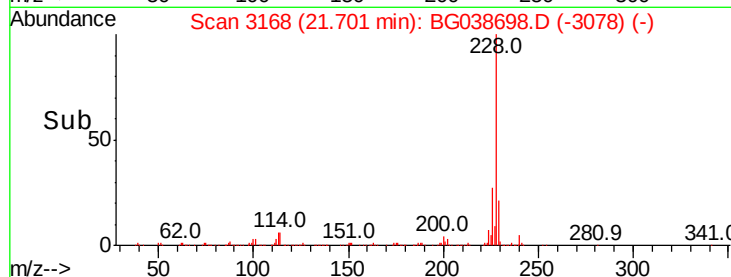
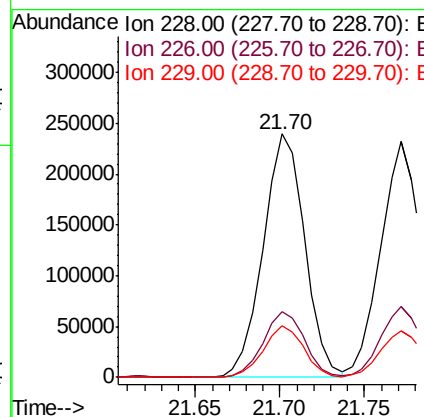
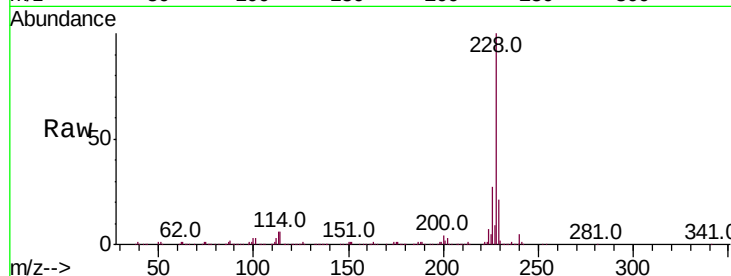
#81
Benzo(a)anthracene
Concen: 44.870 ng
RT: 21.70 min Scan# 3168
Delta R.T. -0.00 min
Lab File: BG038698.D
Acq: 18 Dec 2018 17:20

Instrument :
BNA_G
ClientSampleId :
PB115750BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.8	32.8
229	21.1	15.8	23.6

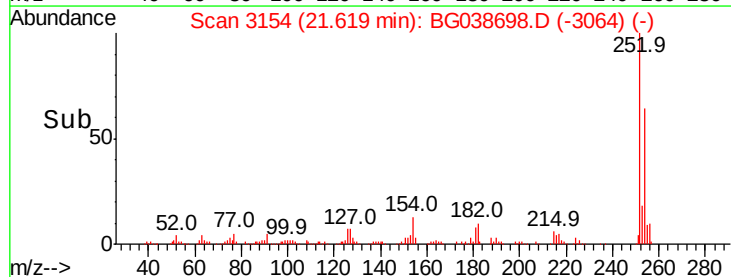
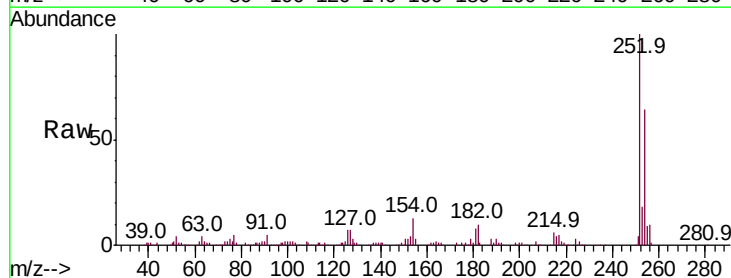
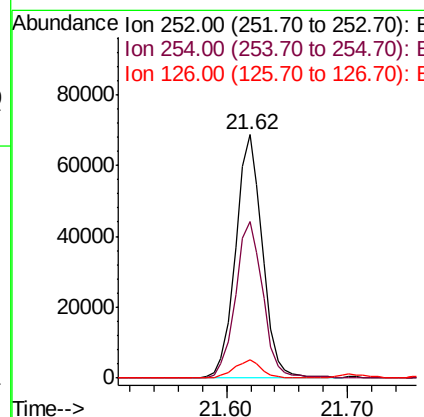
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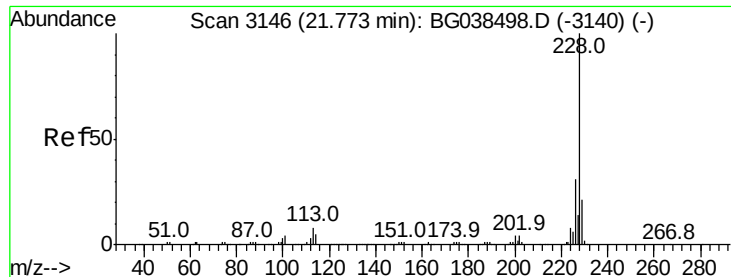
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#82
3,3'-Dichlorobenzidine
Concen: 29.268 ng
RT: 21.62 min Scan# 3154
Delta R.T. -0.00 min
Lab File: BG038698.D
Acq: 18 Dec 2018 17:20

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.2	50.9	76.3
126	7.3	6.3	9.5





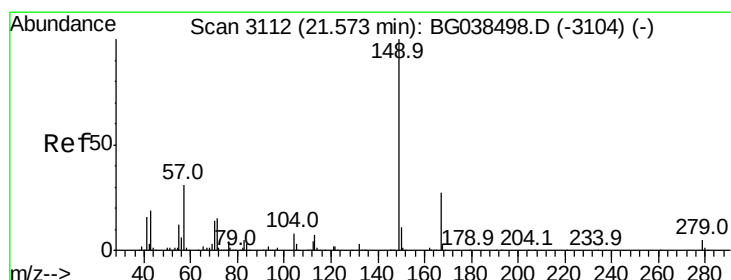
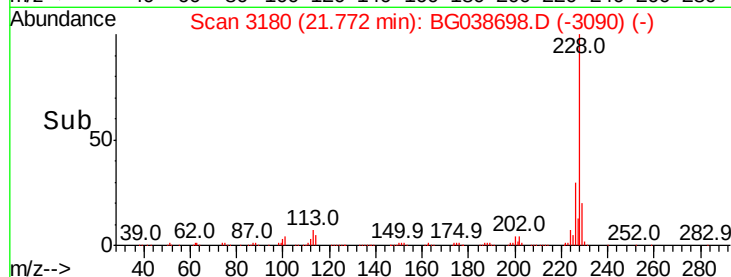
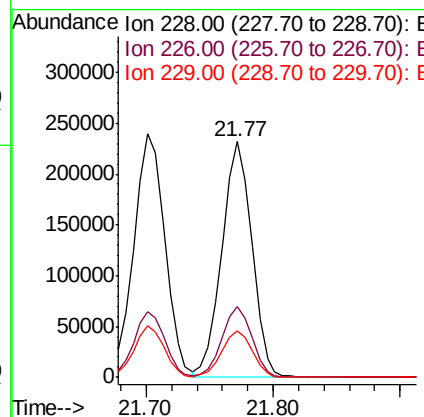
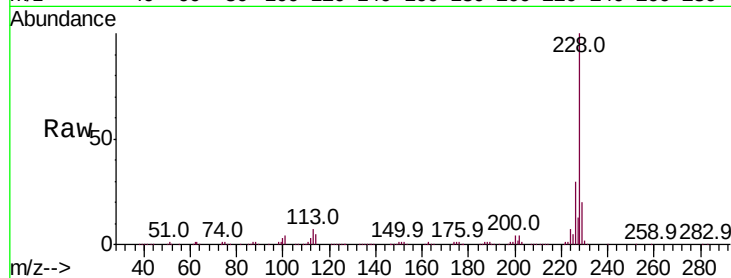
#83
 Chrysene
 Concen: 43.402 ng
 RT: 21.77 min Scan# 3180
 Delta R.T. -0.00 min
 Lab File: BG038698.D
 Acq: 18 Dec 2018 17:20

Instrument :
 BNA_G
 ClientSampleId :
 PB115750BS

Tot Ion:	228	Resp:	381879
Ion Ratio	Lower	Upper	
228	100		
226	29.9	25.0	37.4
229	20.0	16.5	24.7

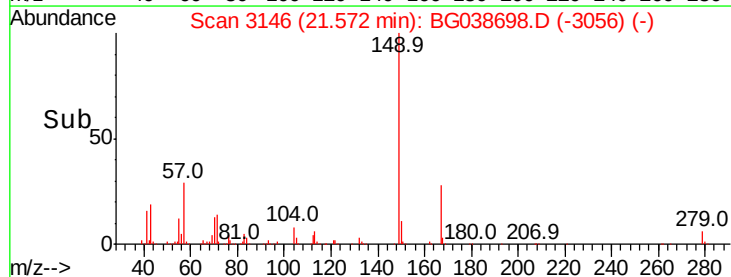
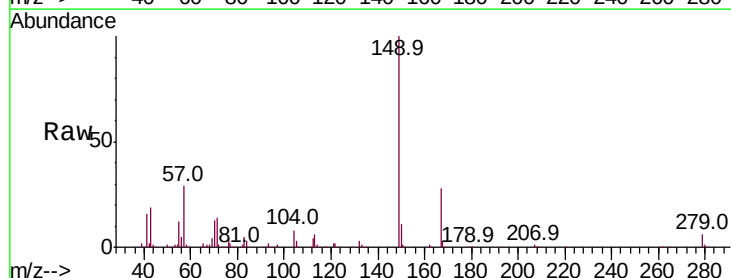
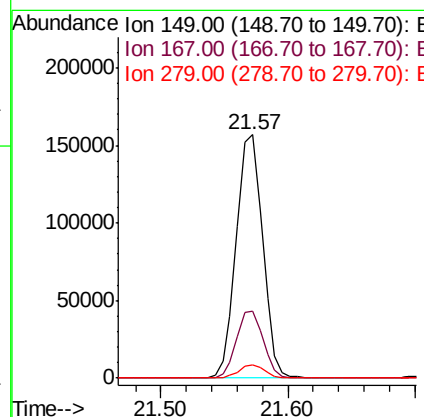
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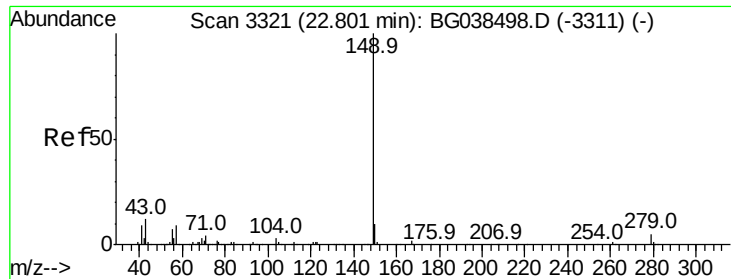
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.155 ng
 RT: 21.57 min Scan# 3146
 Delta R.T. -0.00 min
 Lab File: BG038698.D
 Acq: 18 Dec 2018 17:20

Tgt Ion:	149	Resp:	225841
Ion Ratio	Lower	Upper	
149	100		
167	27.7	21.9	32.9
279	5.6	4.2	6.2





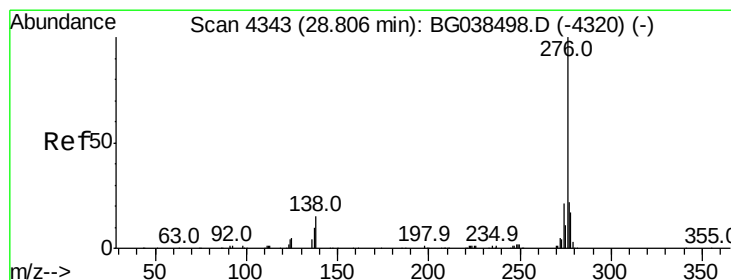
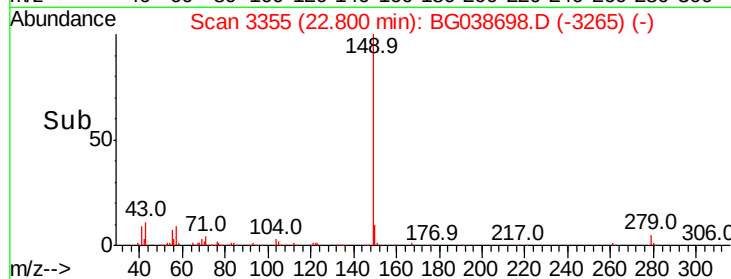
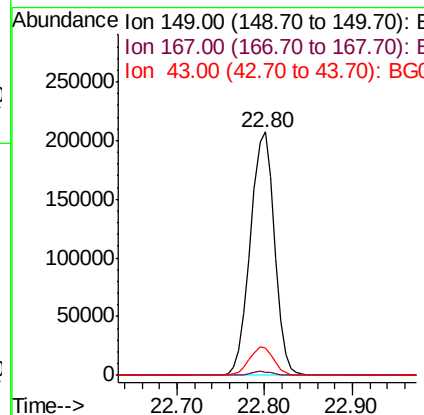
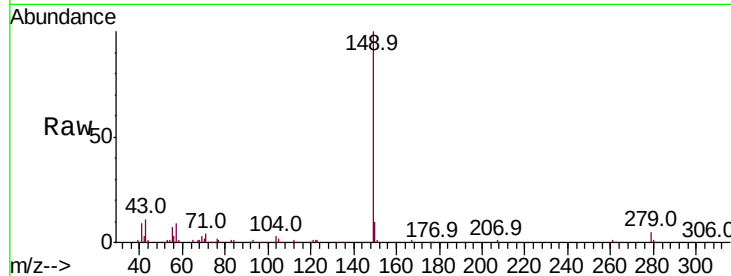
#85
Di-n-octyl phthalate
Concen: 41.870 ng
RT: 22.80 min Scan# 3355
Delta R.T. -0.00 min
Lab File: BG038698.D
Acq: 18 Dec 2018 17:20

Instrument :
BNA_G
ClientSampleId :
PB115750BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	1.6	1.2	1.8
43	12.0	9.3	13.9

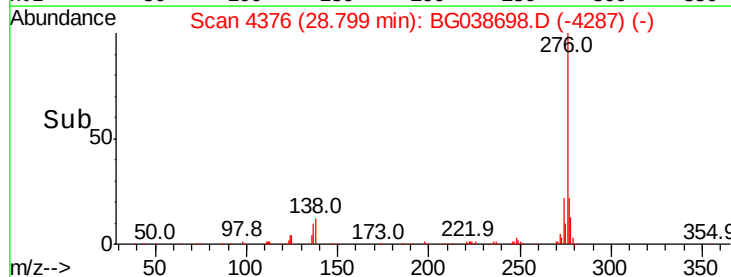
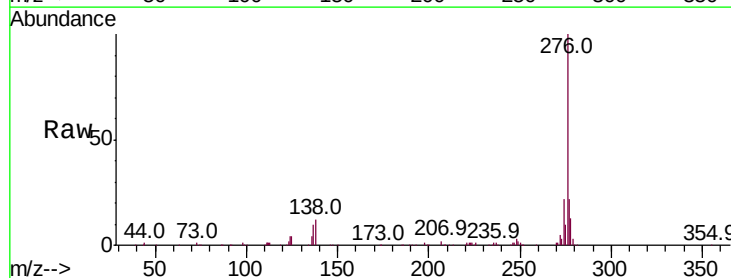
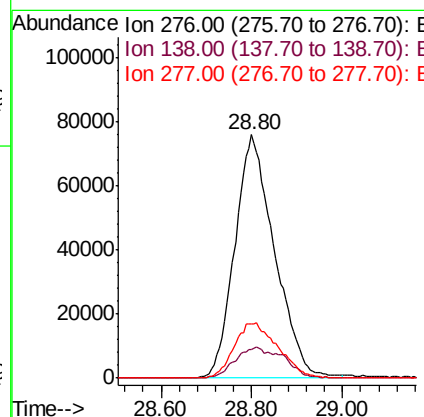
Manual Integrations
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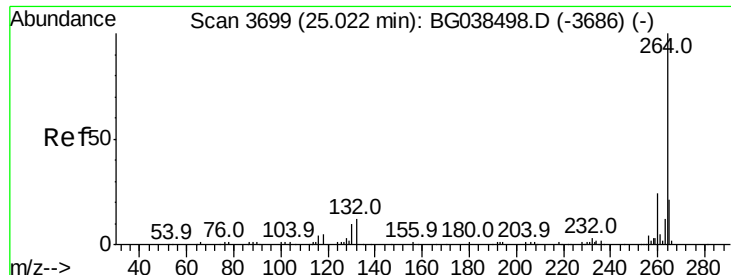
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 44.664 ng
RT: 28.80 min Scan# 4376
Delta R.T. -0.01 min
Lab File: BG038698.D
Acq: 18 Dec 2018 17:20

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	10.9	14.4	21.6#
277	25.2	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: BG038698.D

Acq: 18 Dec 2018 17:20

Instrument :

BNA_G

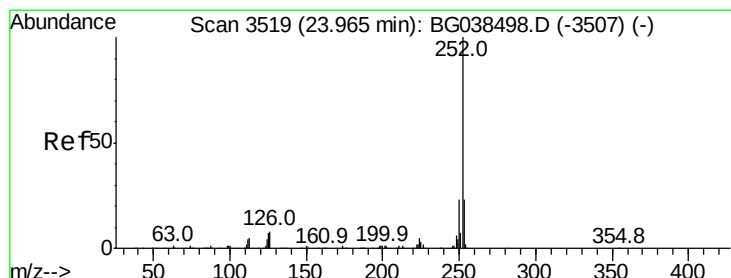
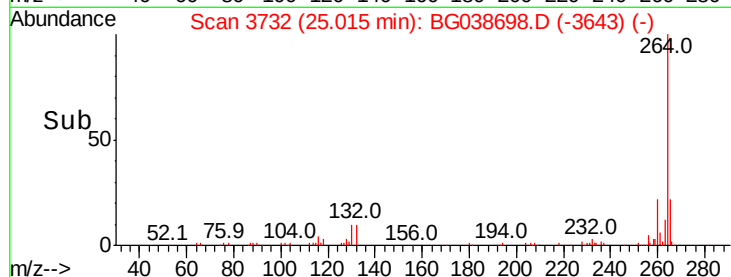
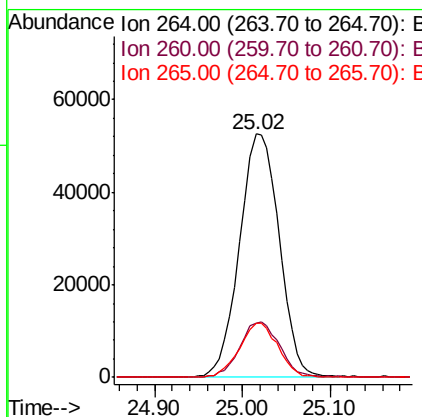
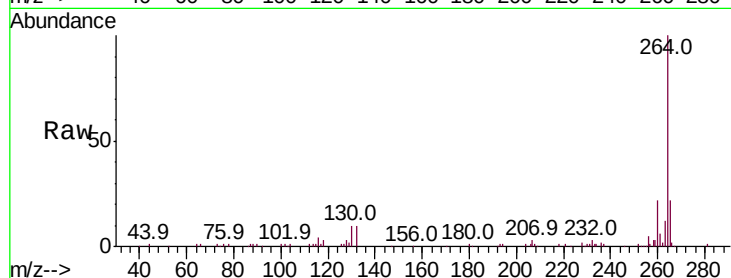
ClientSampleId :

PB115750BS

Tot Ion:	264	Resp:	162529
Ion Ratio	Lower	Upper	
264	100		
260	22.4	18.9	28.3
265	22.4	17.0	25.4

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#88

Benzo(b)fluoranthene

Concen: 45.144 ng

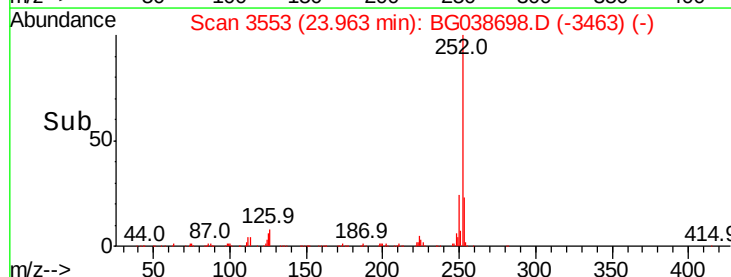
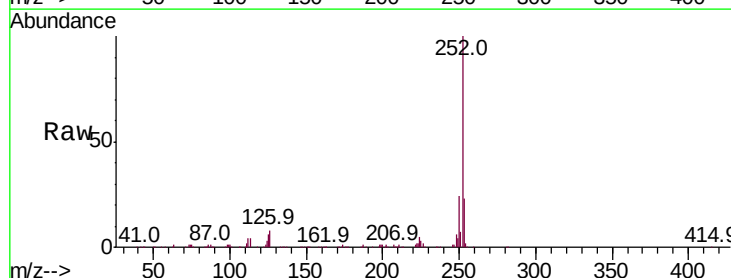
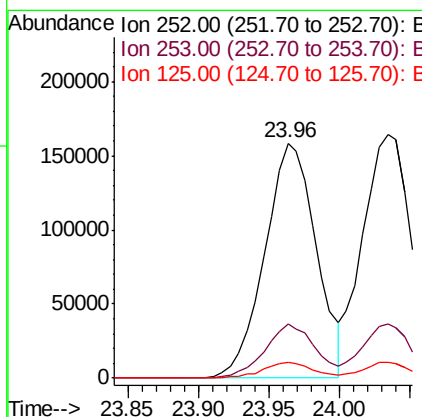
RT: 23.96 min Scan# 3553

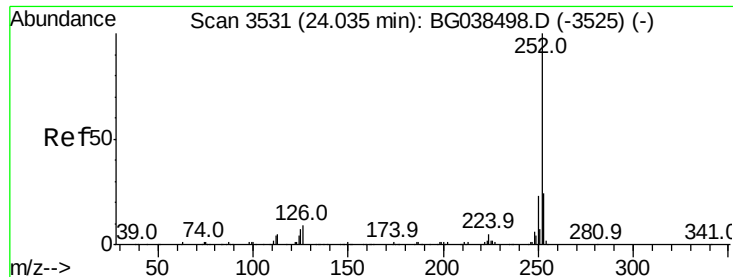
Delta R.T. -0.00 min

Lab File: BG038698.D

Acq: 18 Dec 2018 17:20

Tgt Ion:	252	Resp:	402842
Ion Ratio	Lower	Upper	
252	100		
253	23.0	18.1	27.1
125	6.5	5.5	8.3





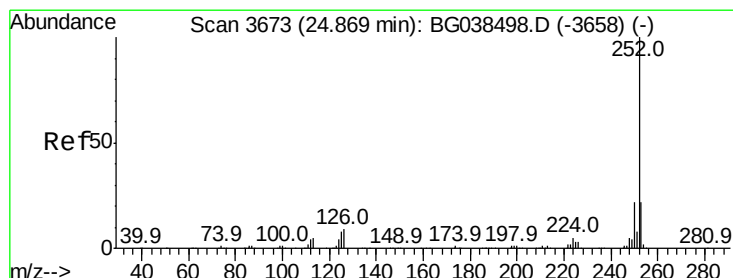
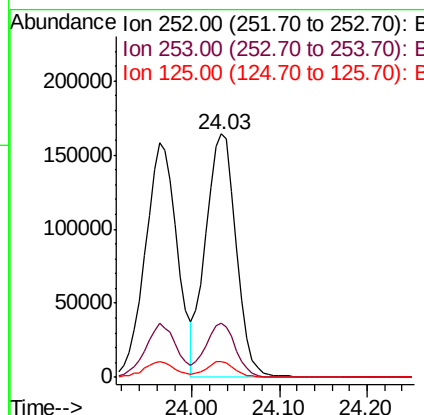
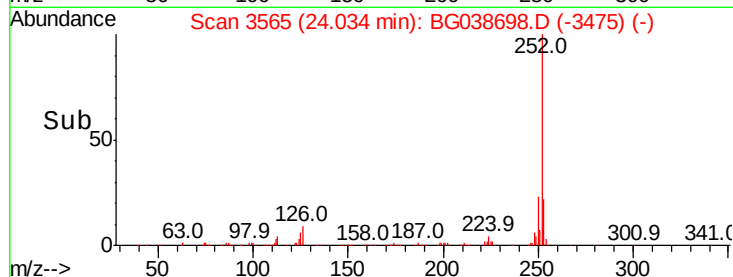
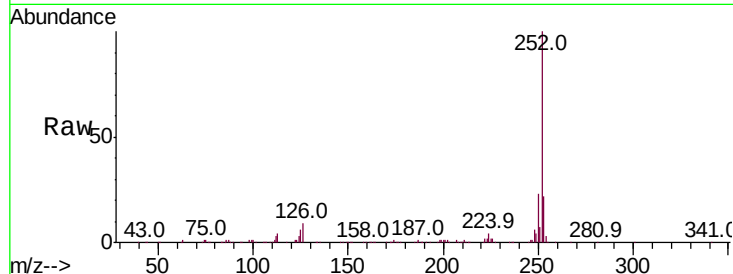
#89
Benzo(k)fluoranthene
Concen: 44.849 ng
RT: 24.03 min Scan# 3565
Delta R.T. -0.00 min
Lab File: BG038698.D
Acq: 18 Dec 2018 17:20

Instrument :
BNA_G
ClientSampleId :
PB115750BS

Tot Ion:	252	Resp:	398524
Ion Ratio	Lower	Upper	
252	100		
253	22.1	18.9	28.3
125	6.3	5.4	8.2

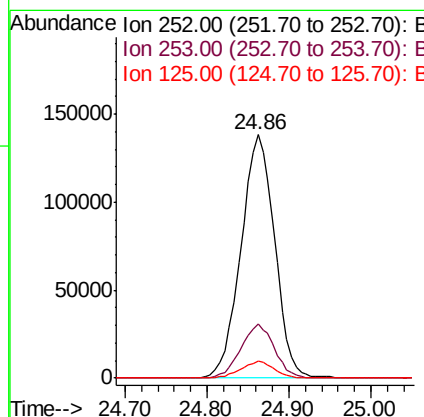
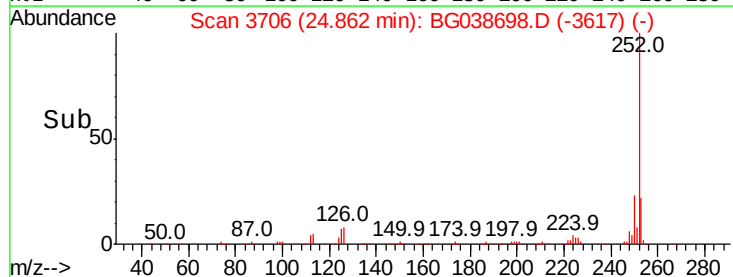
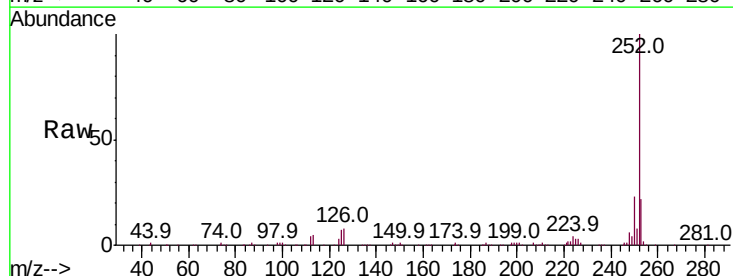
Manual Integrations
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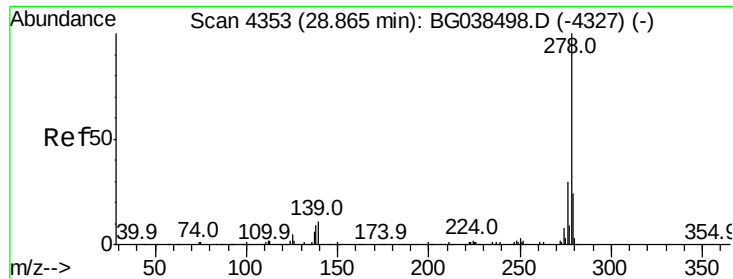
Sohil
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#90
Benzo(a)pyrene
Concen: 45.905 ng
RT: 24.86 min Scan# 3706
Delta R.T. -0.01 min
Lab File: BG038698.D
Acq: 18 Dec 2018 17:20

Tgt Ion:	252	Resp:	395185
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.4	26.0
125	7.2	6.4	9.6





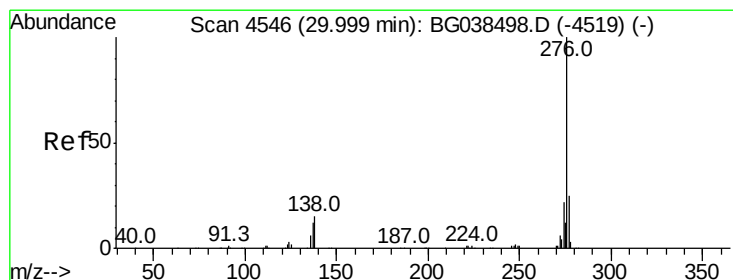
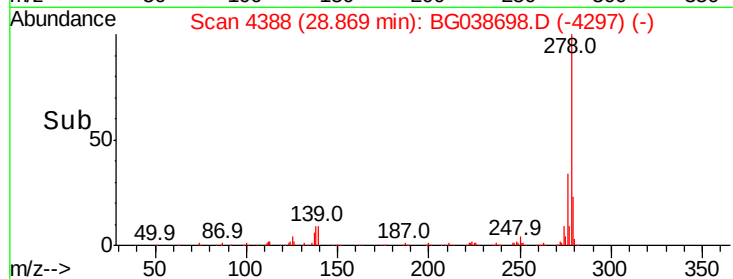
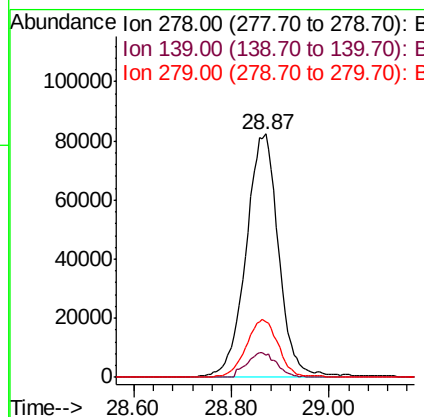
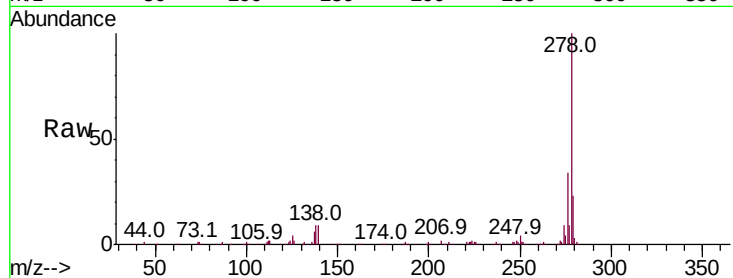
#91
Dibenzo(a,h)anthracene
Concen: 44.639 ng
RT: 28.87 min Scan# 4388
Delta R.T. 0.00 min
Lab File: BG038698.D
Acq: 18 Dec 2018 17:20

Instrument :
BNA_G
ClientSampleId :
PB115750BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.4	8.6	12.8
279	22.6	19.0	28.6

Manual Integrations
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Sohil
12/19/2018 4:12:23 PM



#92
Benzo(g,h,i)perylene
Concen: 44.925 ng
RT: 29.99 min Scan# 4579
Delta R.T. -0.01 min
Lab File: BG038698.D
Acq: 18 Dec 2018 17:20

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.8	29.8
138	14.9	11.8	17.6

