

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121518\
 Data File : BG038617.D
 Acq On : 15 Dec 2018 23:26
 Operator : JU/SJ
 Sample : PB115697BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115697BS

Manual Integrations
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Sohil
 12/16/2018 2:01:22 PM

Quant Time: Dec 16 04:11:30 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	19485	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	76688	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	47846	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	123626	20.00	ng	0.00
76) Chrysene-d12	21.72	240	136729	20.00	ng	0.00
87) Perylene-d12	25.02	264	147771	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	116815	106.33	ng	0.00
7) Phenol-d6	7.21	99	152160	100.89	ng	0.00
23) Nitrobenzene-d5	9.24	82	96721	64.43	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	66481	100.82	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	224801	64.46	ng	0.00
79) Terphenyl-d14	20.04	244	444365	70.73	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	13735	26.863	ng	87
3) Pyridine	3.89	79	37091	26.348	ng	93
4) n-Nitrosodimethylamine	3.82	42	24117	34.965	ng	# 84
6) Aniline	7.38	93	39083	20.300	ng	98
8) 2-Chlorophenol	7.62	128	41788	32.870	ng	99
9) Benzaldehyde	7.20	77	14249	14.564	ng	92
10) Phenol	7.24	94	53288	33.258	ng	97
11) bis(2-Chloroethyl)ether	7.48	93	37061	29.053	ng	96
12) 1,3-Dichlorobenzene	7.94	146	42424	28.223	ng	100
13) 1,4-Dichlorobenzene	8.10	146	44207	28.715	ng	93
14) 1,2-Dichlorobenzene	8.41	146	42040	28.966	ng	98
15) Benzyl Alcohol	8.30	79	36959	31.397	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.58	45	85392	29.222	ng	97
17) 2-Methylphenol	8.50	107	35523	33.091	ng	95
18) Hexachloroethane	9.14	117	15825	28.131	ng	98
19) n-Nitroso-di-n-propylamine	8.86	70	29959	28.284	ng	98
20) 3+4-Methylphenols	8.83	107	47964	32.353	ng	99
22) Acetophenone	8.89	105	59212	30.912	ng	# 98
24) Nitrobenzene	9.28	77	46778	30.804	ng	98
25) Isophorone	9.79	82	82491	30.585	ng	97
26) 2-Nitrophenol	9.99	139	23161	29.799	ng	94
27) 2,4-Dimethylphenol	10.03	122	40628	36.473	ng	98
28) bis(2-Chloroethoxy)methane	10.28	93	47497	31.206	ng	99
29) 2,4-Dichlorophenol	10.52	162	41823	33.750	ng	97
30) 1,2,4-Trichlorobenzene	10.73	180	45139	30.156	ng	98
31) Naphthalene	10.93	128	123953	32.805	ng	97
32) Benzoic acid	10.18	122	12352m	23.925	ng	
33) 4-Chloroaniline	11.05	127	26433	16.113	ng	94
34) Hexachlorobutadiene	11.19	225	29999	29.619	ng	95
35) Caprolactam	11.82	113	13530	26.383	ng	92
36) 4-Chloro-3-methylphenol	12.15	107	42366	29.959	ng	95
37) 2-Methylnaphthalene	12.53	142	91307	33.872	ng	100
38) 1-Methylnaphthalene	12.75	142	87531	33.463	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	52898	29.577	ng	98

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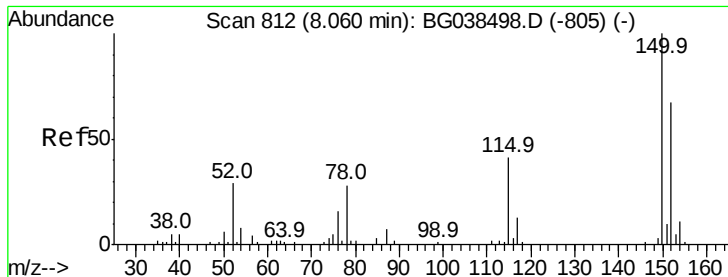
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	72445	73.730	nq	97
43) 2,4,6-Trichlorophenol	13.13	196	34785	31.632	nq	97
44) 2,4,5-Trichlorophenol	13.20	196	39143	33.620	nq	97
46) 1,1'-Biphenyl	13.53	154	118696	29.592	nq	96
47) 2-Chloronaphthalene	13.58	162	95883	30.947	nq	95
48) 2-Nitroaniline	13.79	65	32278	32.707	nq	96
49) Acenaphthylene	14.42	152	156561	33.801	nq	98
50) Dimethylphthalate	14.14	163	123545	31.619	nq	99
51) 2,6-Dinitrotoluene	14.28	165	27875	31.481	nq	96
52) Acenaphthene	14.76	154	86208	31.126	nq	94
53) 3-Nitroaniline	14.61	138	18819	20.849	nq	97
54) 2,4-Dinitrophenol	14.82	184	25727	50.851	nq	95
55) Dibenzofuran	15.09	168	148402	31.258	nq	100
56) 4-Nitrophenol	14.91	139	43834	64.015	nq	99
57) 2,4-Dinitrotoluene	15.06	165	40199	32.233	nq	97
58) Fluorene	15.74	166	117892	33.516	nq	95
59) 2,3,4,6-Tetrachlorophenol	15.32	232	33712	32.183	nq	100
60) Diethylphthalate	15.50	149	130139	30.340	nq	100
61) 4-Chlorophenyl-phenylether	15.73	204	65975	30.062	nq	97
62) 4-Nitroaniline	15.77	138	30422	32.738	nq	98
63) Azobenzene	16.02	77	113936	31.797	nq	98
65) 4,6-Dinitro-2-methylphenol	15.82	198	24667	27.971	nq	93
66) n-Nitrosodiphenylamine	15.95	169	107691	29.647	nq	99
67) 4-Bromophenyl-phenylether	16.62	248	43665	28.921	nq	96
68) Hexachlorobenzene	16.74	284	45324	28.959	nq	98
69) Atrazine	16.89	200	45390	33.671	nq	99
70) Pentachlorophenol	17.09	266	47158	50.941	nq	99
71) Phenanthrene	17.48	178	210059	32.766	nq	98
72) Anthracene	17.58	178	215492	34.049	nq	98
73) Carbazole	17.85	167	198767	31.757	nq	99
74) Di-n-butylphthalate	18.38	149	241760	33.662	nq	99
75) Fluoranthene	19.49	202	280230	35.329	nq	97
77) Benzidine	19.68	184	115836	28.647	nq	100
78) Pyrene	19.86	202	281766	31.194	nq	100
80) Butylbenzylphthalate	20.72	149	112998	32.020	nq	98
81) Benzo(a)anthracene	21.70	228	282771	33.940	nq	99
82) 3,3'-Dichlorobenzidine	21.62	252	66993	20.274	nq	98
83) Chrysene	21.77	228	260878	32.508	nq	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	159784	31.925	nq	98
85) Di-n-octyl phthalate	22.80	149	270810	32.308	nq	99
86) Indeno(1,2,3-cd)pyrene	28.79	276	319747	33.891	nq	# 99
88) Benzo(b)fluoranthene	23.96	252	279084	34.399	nq	100
89) Benzo(k)fluoranthene	24.03	252	276392	34.211	nq	100
90) Benzo(a)pyrene	24.86	252	275923	35.252	nq	98
91) Dibenzo(a,h)anthracene	28.85	278	269967	34.641	nq	98
92) Benzo(g,h,i)perylene	29.99	276	265005	34.504	nq	99

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



#1

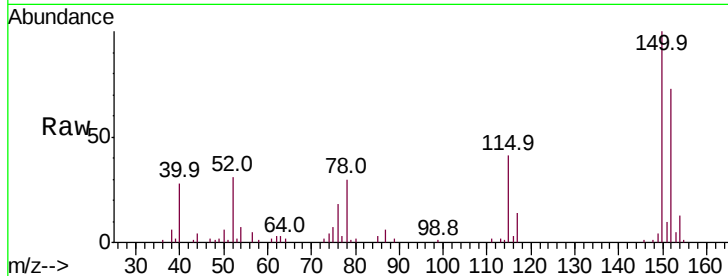
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. 0.00 min
Lab File: BG038617.D
Acq: 15 Dec 2018 23:26

Instrument :
BNA_G
ClientSampleId :
PB115697BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	136.6	119.5	179.3
115	56.6	49.6	74.4

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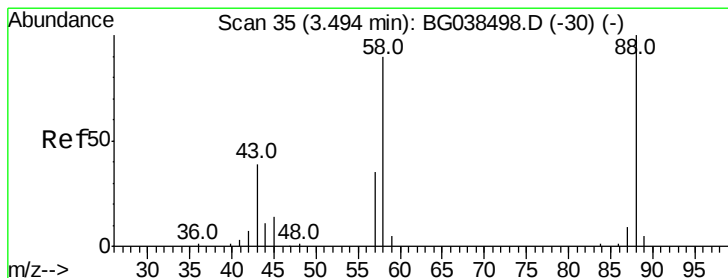
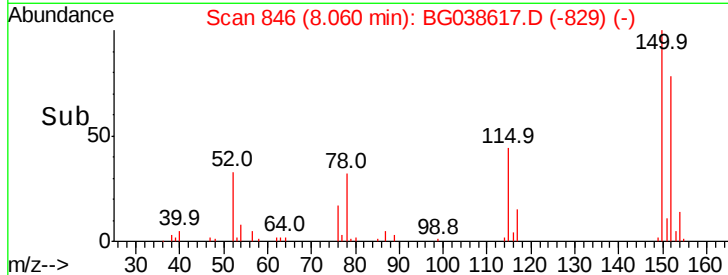
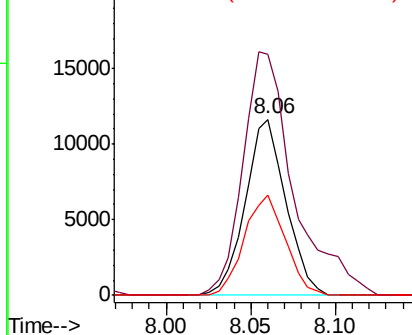


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

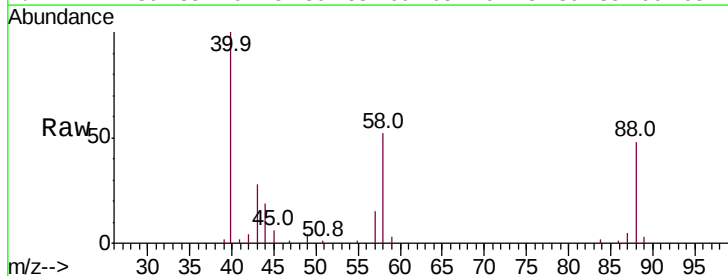
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 26.863 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.01 min
Lab File: BG038617.D
Acq: 15 Dec 2018 23:26

Tgt Ion	Ratio	Lower	Upper
88	100		
58	108.3	75.7	113.5
43	46.1	31.6	47.4

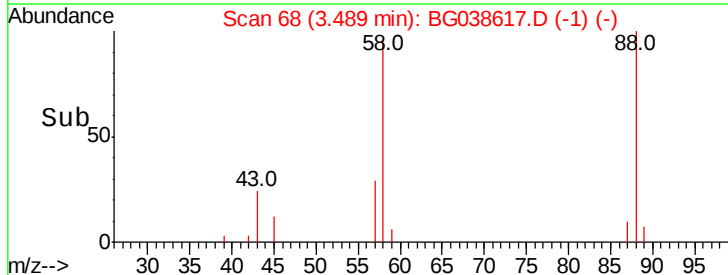
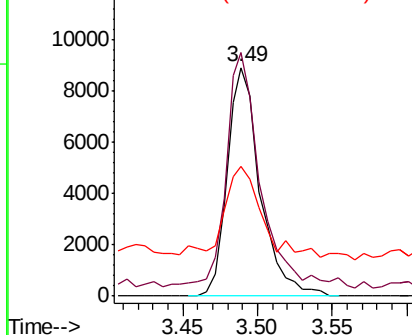


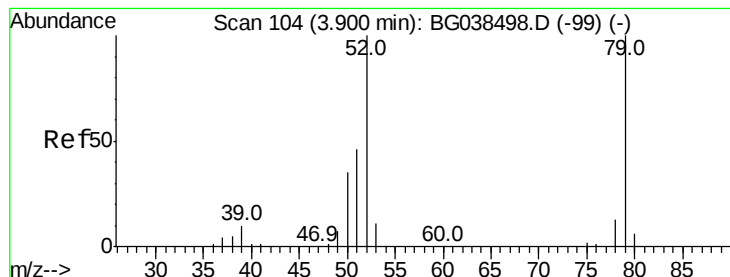
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 26.348 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.01 min

Lab File: BG038617.D

Acq: 15 Dec 2018 23:26

Instrument :

BNA_G

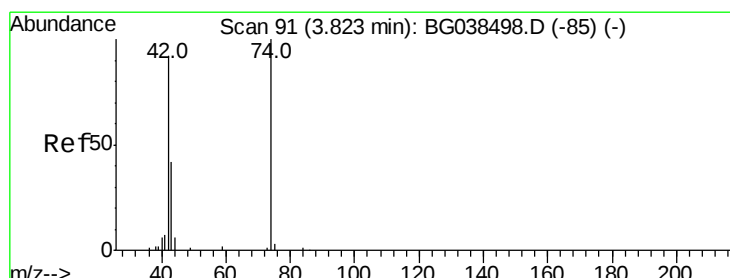
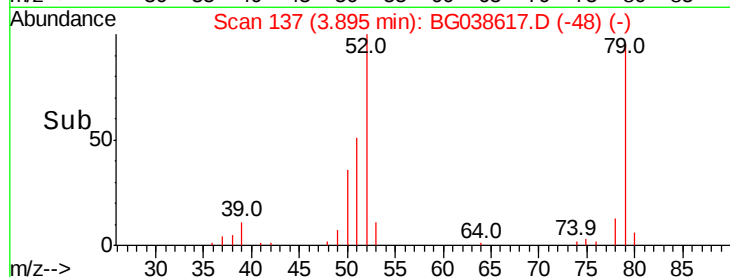
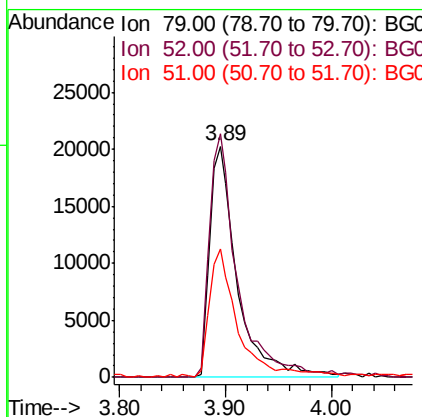
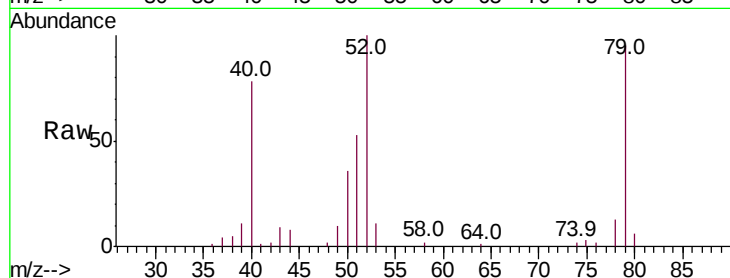
ClientSampled :

PB115697BS

Tot Ion:	79	Resp:	37091
Ion	Ratio	Lower	Upper
79	100		
52	105.2	80.2	120.2
51	55.3	38.0	57.0

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#4

n-Nitrosodimethylamine

Concen: 34.965 ng

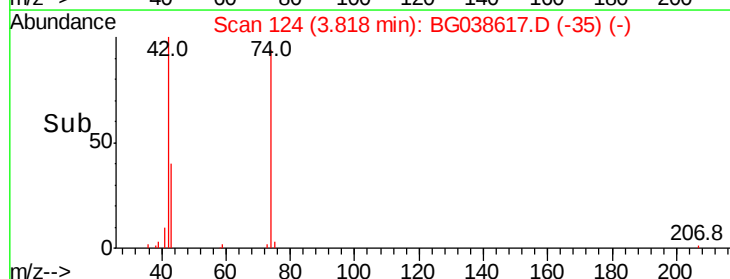
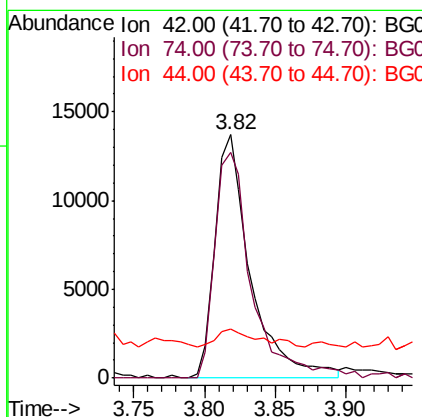
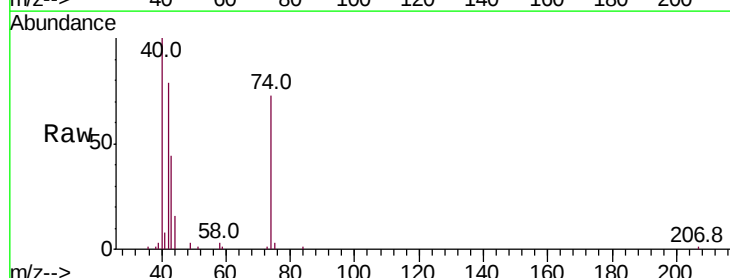
RT: 3.82 min Scan# 124

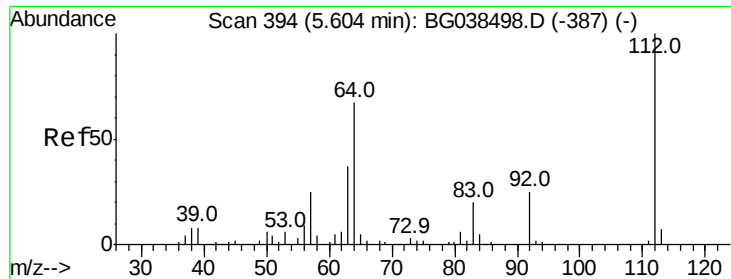
Delta R.T. -0.01 min

Lab File: BG038617.D

Acq: 15 Dec 2018 23:26

Tgt Ion:	42	Resp:	24117
Ion	Ratio	Lower	Upper
42	100		
74	92.7	86.7	130.1
44	19.9	7.8	11.8#





#5

2-Fluorophenol

Concen: 106.333 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.01 min

Lab File: BG038617.D

Acq: 15 Dec 2018 23:26

Instrument :

BNA_G

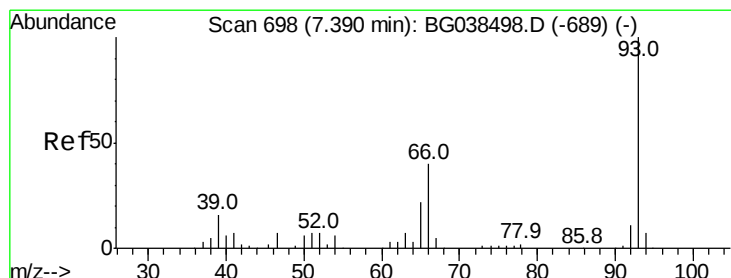
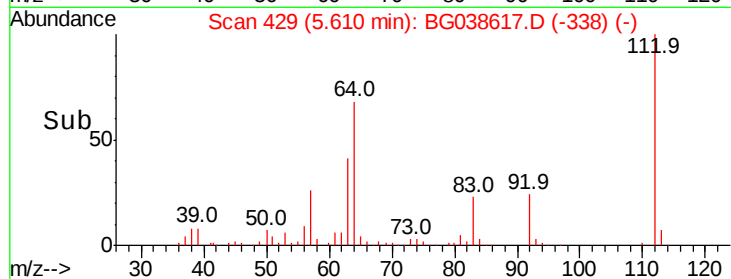
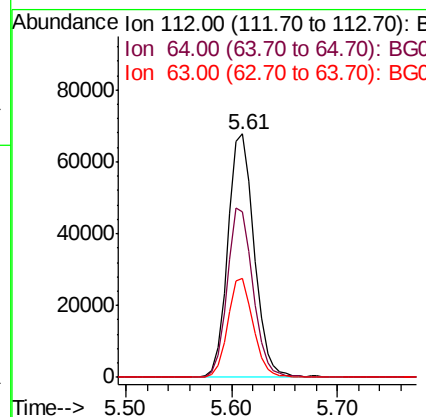
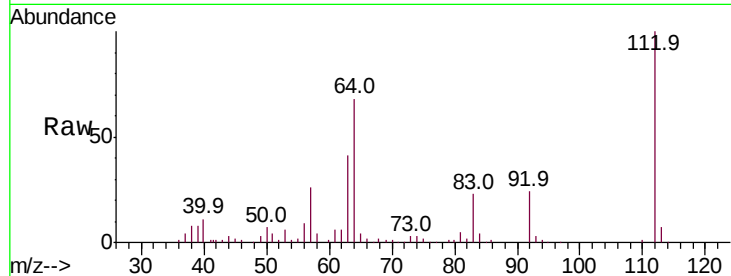
ClientSampleId :

PB115697BS

Tot Ion:	112	Resp:	116815
Ion Ratio	Lower	Upper	
112	100		
64	68.1	53.4	80.2
63	40.9	29.3	43.9

Manual Integrations
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#6

Aniline

Concen: 20.300 ng

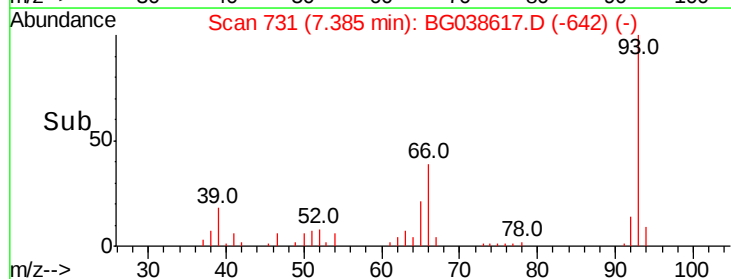
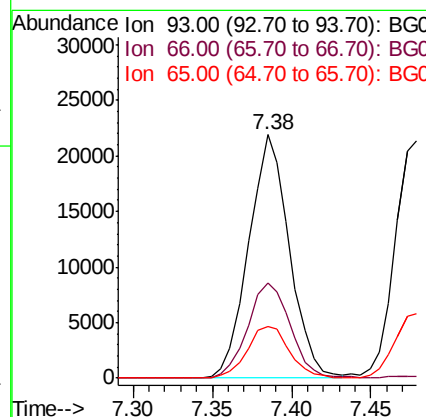
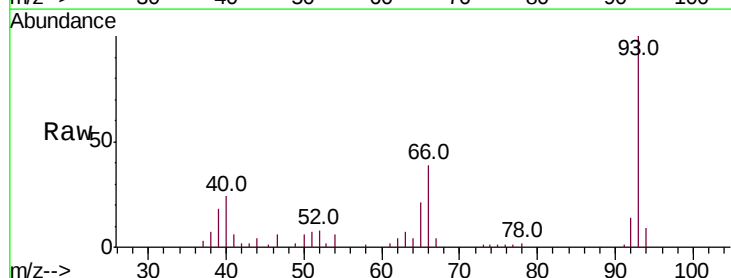
RT: 7.38 min Scan# 731

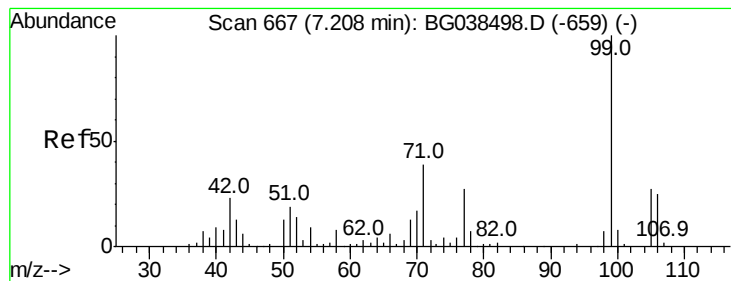
Delta R.T. -0.01 min

Lab File: BG038617.D

Acq: 15 Dec 2018 23:26

Tgt Ion:	93	Resp:	39083
Ion Ratio	Lower	Upper	
93	100		
66	38.9	31.7	47.5
65	21.1	17.8	26.6





#7

Phenol-d6

Concen: 100.893 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG038617.D

Acq: 15 Dec 2018 23:26

Instrument :

BNA_G

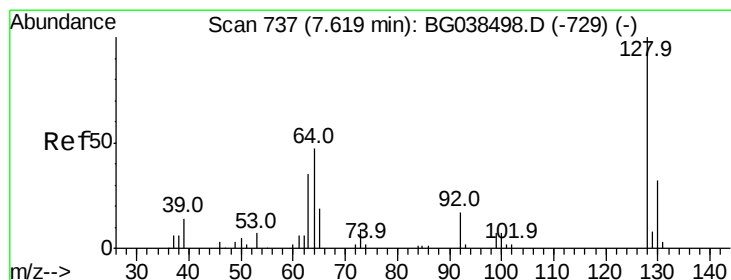
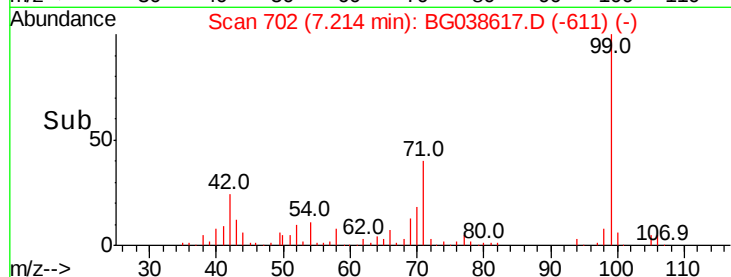
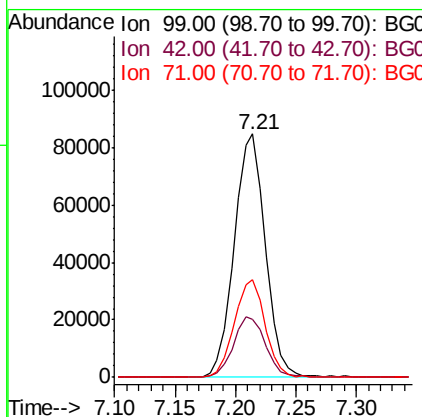
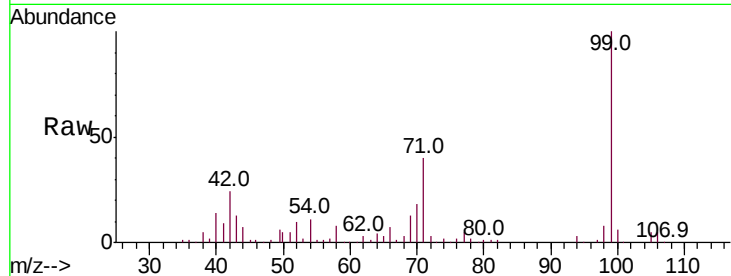
ClientSampled :

PB115697BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		152160		
42	23.6	18.5	27.7		
71	40.0	31.1	46.7		

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#8

2-Chlorophenol

Concen: 32.870 ng

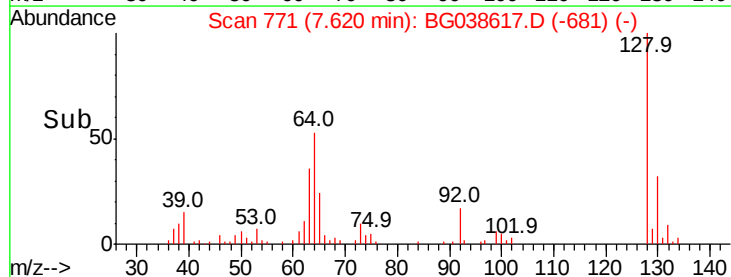
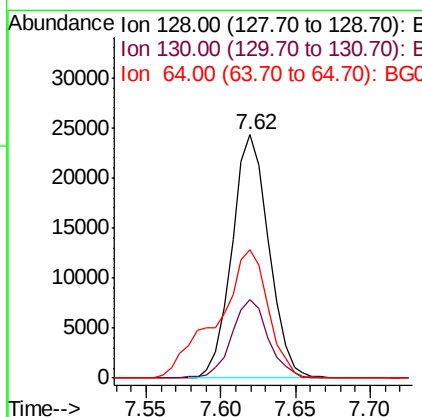
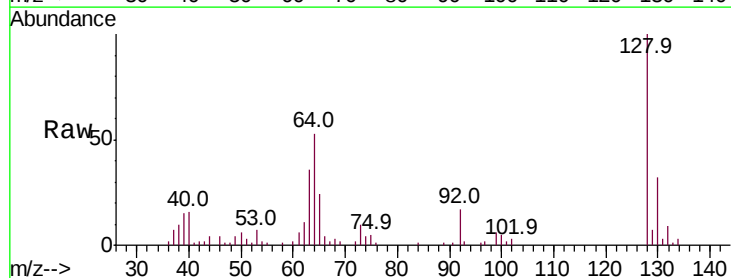
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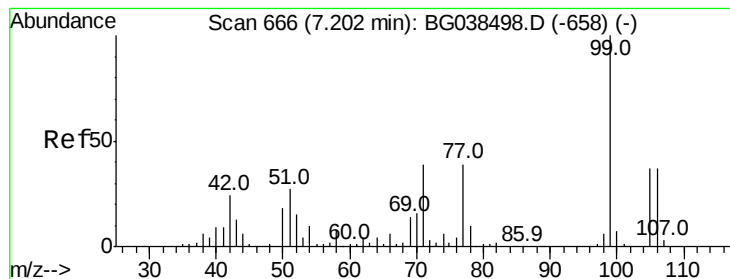
Delta R.T. 0.00 min

Lab File: BG038617.D

Acq: 15 Dec 2018 23:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		41788		
130	32.4	11.8	51.8		
64	52.5	33.2	73.2		





#9

Benzaldehyde

Concen: 14.564 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG038617.D

Acq: 15 Dec 2018 23:26

Instrument :

BNA_G

ClientSampled :

PB115697BS

Tot Ion: 77 Resp: 14249

Ion Ratio Lower Upper

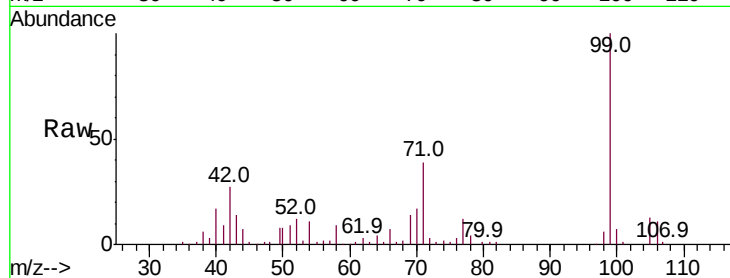
77 100

105 108.4 74.0 114.0

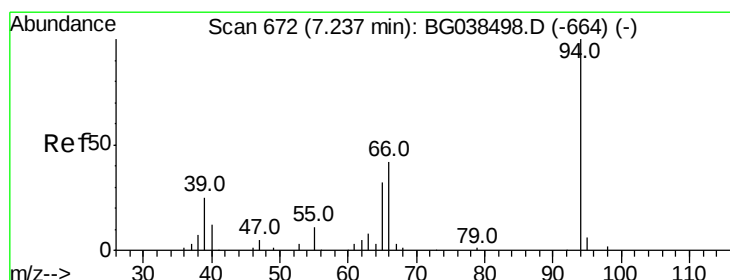
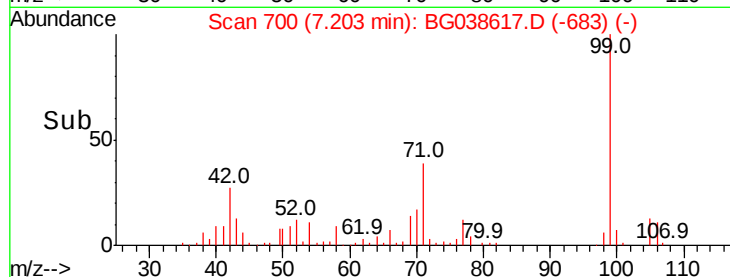
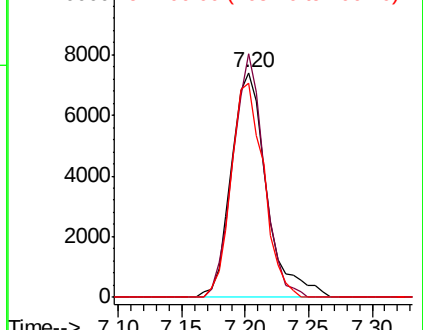
106 95.2 73.9 113.9

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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: 33.258 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG038617.D

Acq: 15 Dec 2018 23:26

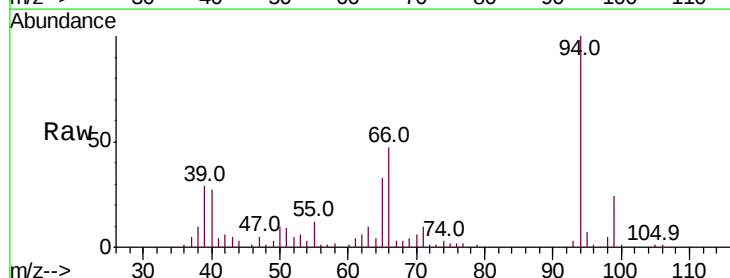
Tgt Ion: 94 Resp: 53288

Ion Ratio Lower Upper

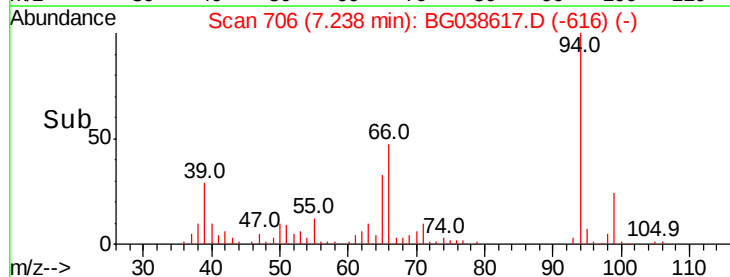
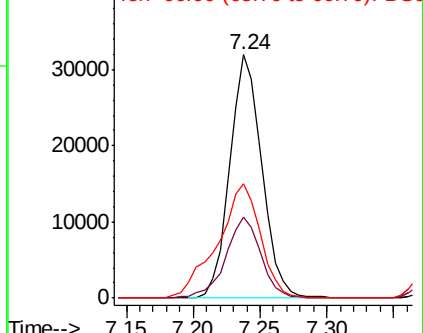
94 100

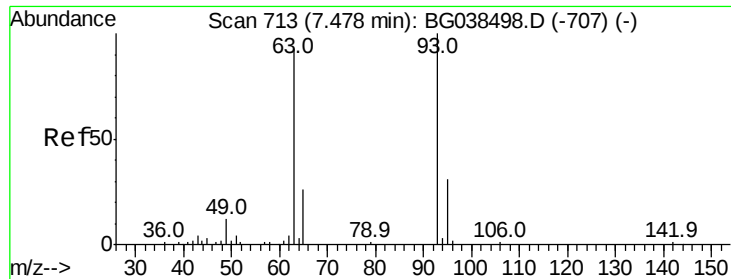
65 33.5 12.6 52.6

66 46.9 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





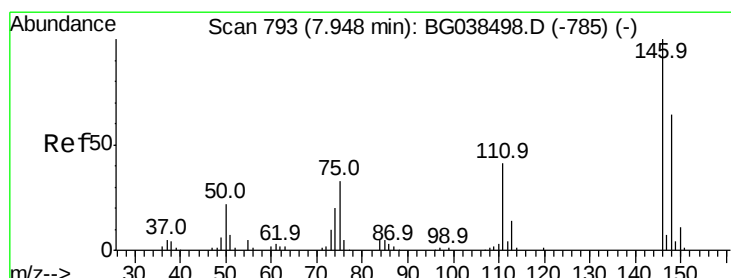
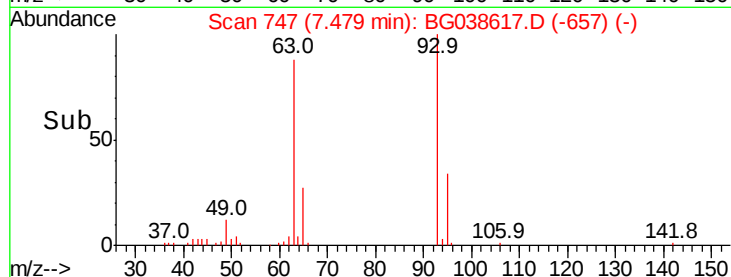
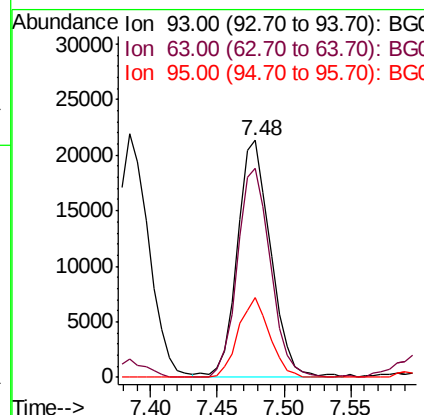
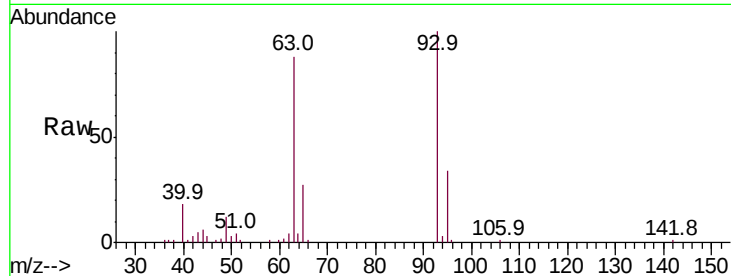
#11
bis(2-Chloroethyl)ether
Concen: 29.053 ng
RT: 7.48 min Scan# 747
Delta R.T. 0.00 min
Lab File: BG038617.D
Acq: 15 Dec 2018 23:26

Instrument :
BNA_G
ClientSampleId :
PB115697BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	88.4	72.2	112.2
95	33.5	11.2	51.2

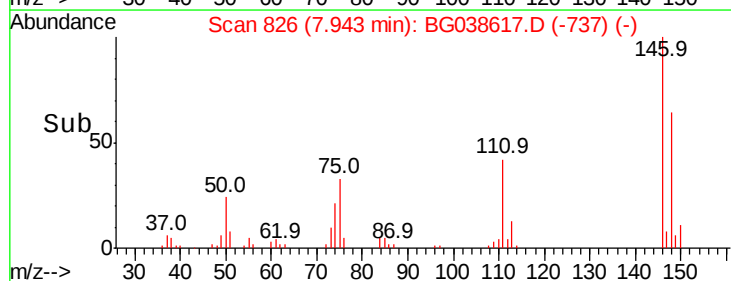
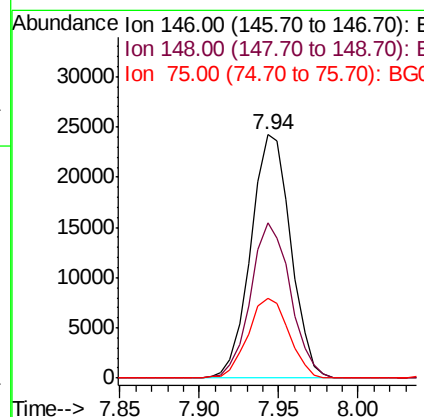
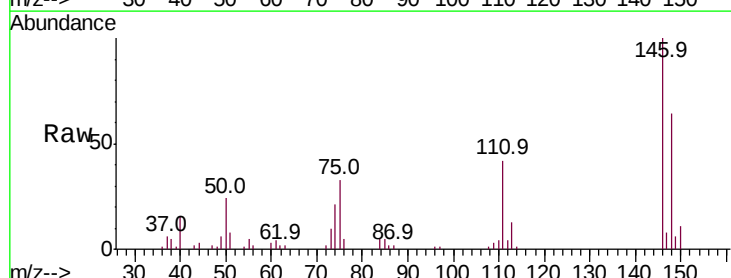
Manual Integrations
APPROVED

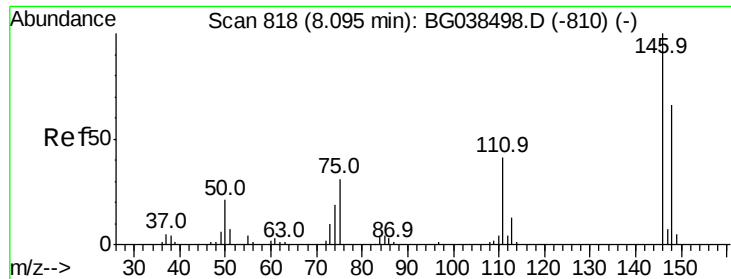
Sohil
12/16/2018 2:01:22 PM



#12
1,3-Dichlorobenzene
Concen: 28.223 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG038617.D
Acq: 15 Dec 2018 23:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.4	77.0
75	32.9	26.1	39.1





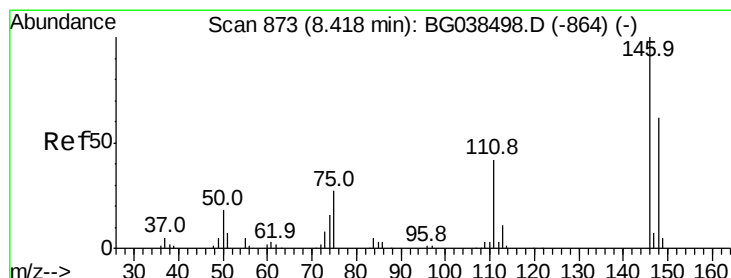
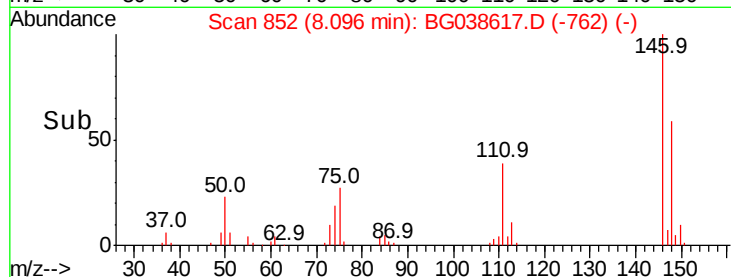
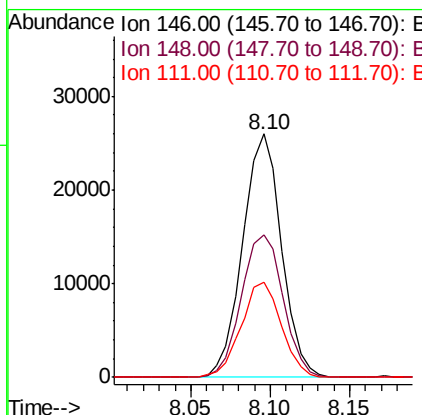
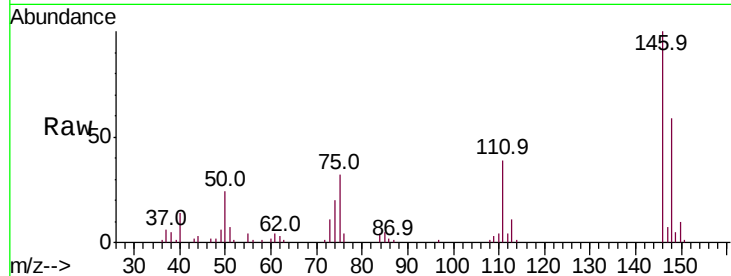
#13
1,4-Dichlorobenzene
Concen: 28.715 ng
RT: 8.10 min Scan# 852
Delta R.T. 0.00 min
Lab File: BG038617.D
Acq: 15 Dec 2018 23:26

Instrument :
BNA_G
ClientSampleId :
PB115697BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	58.8	52.4	78.6
111	39.1	33.0	49.4

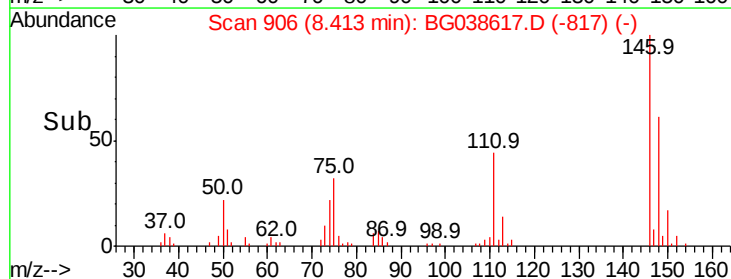
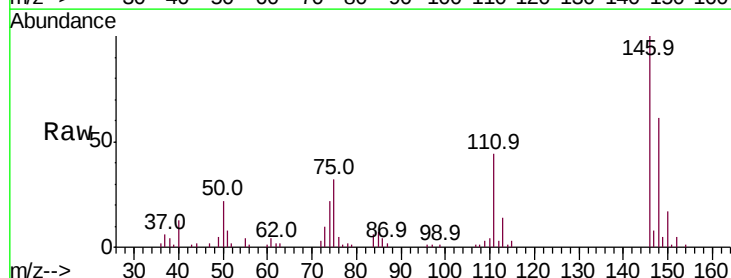
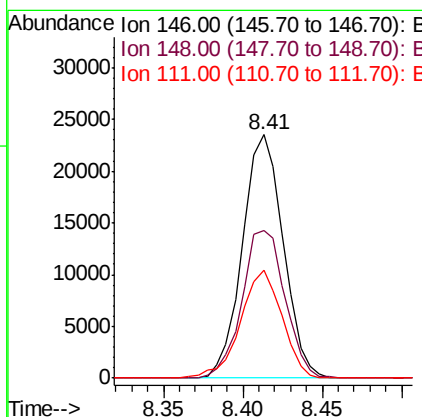
Manual Integrations
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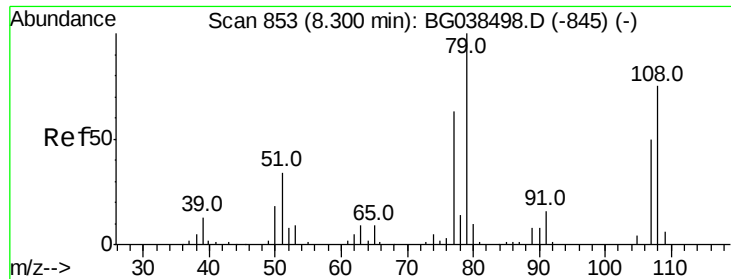
Sohil
12/16/2018 2:01:22 PM



#14
1,2-Dichlorobenzene
Concen: 28.966 ng
RT: 8.41 min Scan# 906
Delta R.T. -0.01 min
Lab File: BG038617.D
Acq: 15 Dec 2018 23:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.5	49.4	74.0
111	44.5	33.8	50.6





#15

Benzyl Alcohol

Concen: 31.397 ng

RT: 8.30 min Scan# 887

Delta R.T. 0.00 min

Lab File: BG038617.D

Acq: 15 Dec 2018 23:26

Instrument :

BNA_G

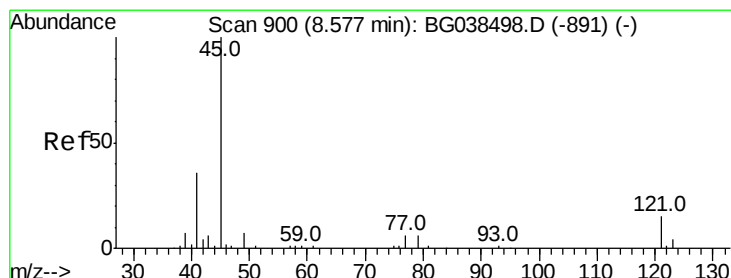
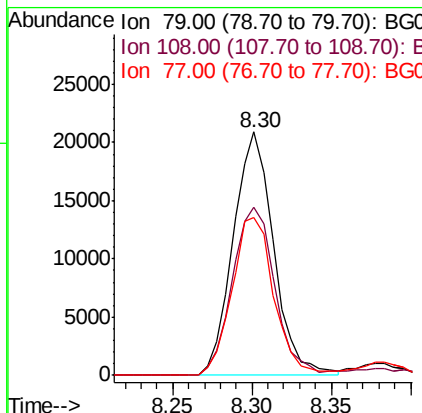
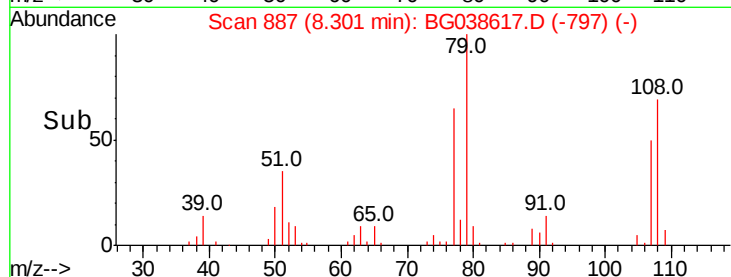
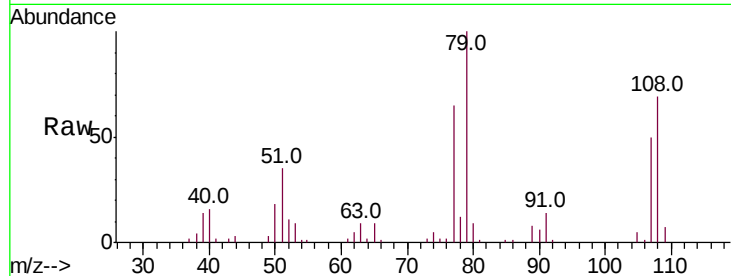
ClientSampled :

PB115697BS

Tot Ion:	79	Resp:	36959
Ion Ratio	Lower	Upper	
79	100		
108	69.2	60.2	90.4
77	65.0	50.7	76.1

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 29.222 ng

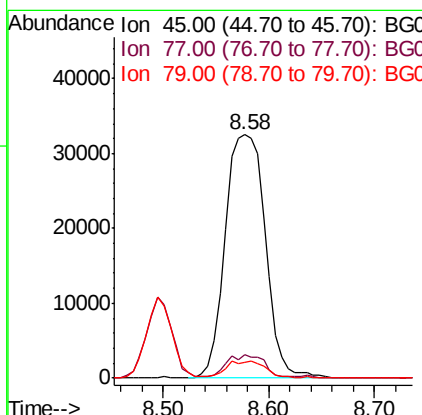
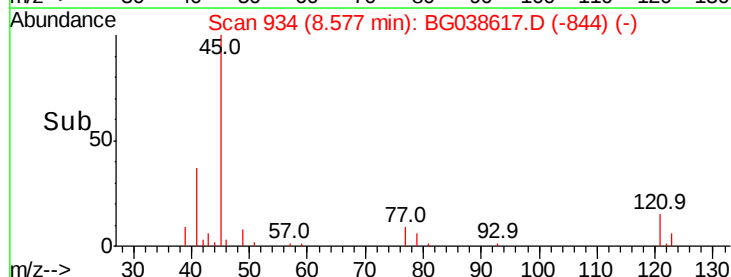
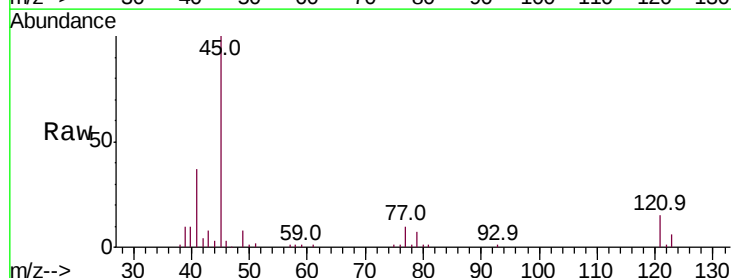
RT: 8.58 min Scan# 934

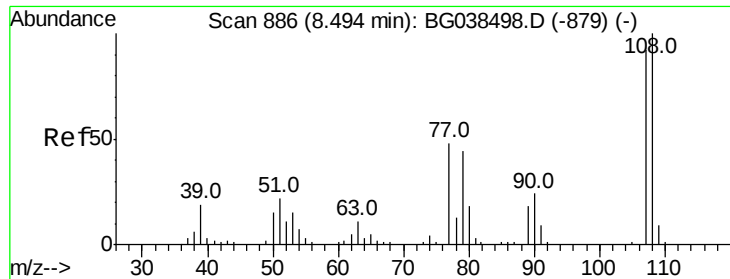
Delta R.T. 0.00 min

Lab File: BG038617.D

Acq: 15 Dec 2018 23:26

Tgt Ion:	45	Resp:	85392
Ion Ratio	Lower	Upper	
45	100		
77	9.8	0.0	28.2
79	6.7	0.0	27.2





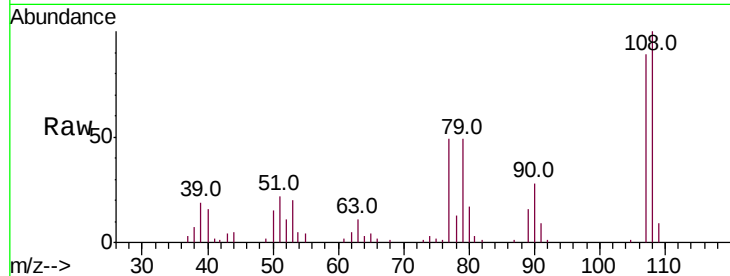
#17
2-Methylphenol
Concen: 33.091 ng
RT: 8.50 min Scan# 920
Delta R.T. 0.00 min
Lab File: BG038617.D
Acq: 15 Dec 2018 23:26

Instrument :
BNA_G
ClientSampleId :
PB115697BS

Tot Ion:	107	Resp:	35523
Ion Ratio	Lower	Upper	
107	100		
108	112.0	87.1	130.7
77	55.2	42.0	63.0
79	55.2	38.2	57.2

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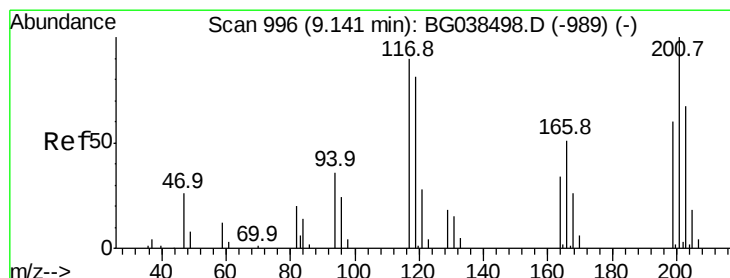
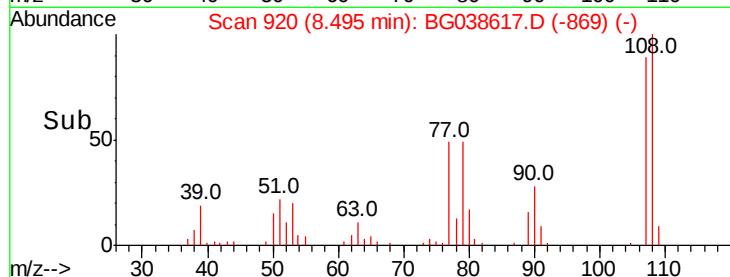
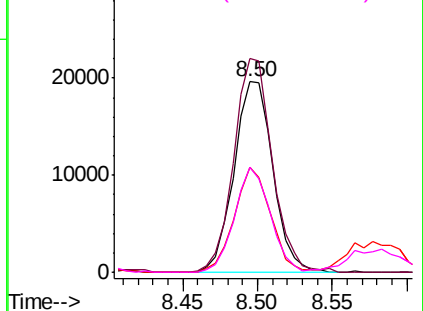
Abundance

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: 28.131 ng
RT: 9.14 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BG038617.D
Acq: 15 Dec 2018 23:26

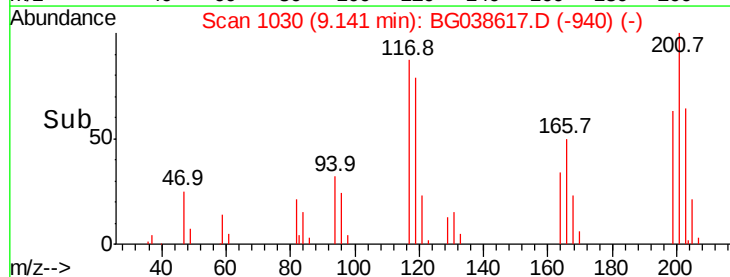
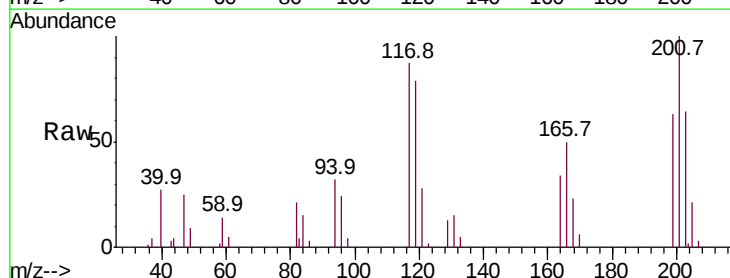
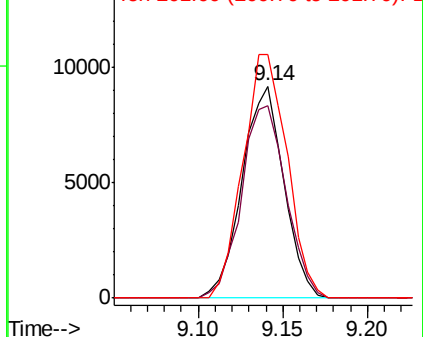
Tgt Ion:	117	Resp:	15825
Ion Ratio	Lower	Upper	
117	100		
119	91.2	73.8	110.8
201	115.1	89.4	134.0

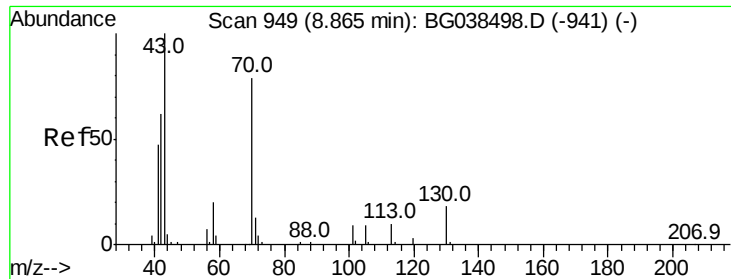
Abundance

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





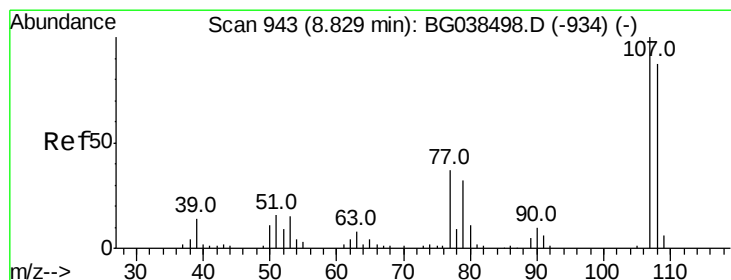
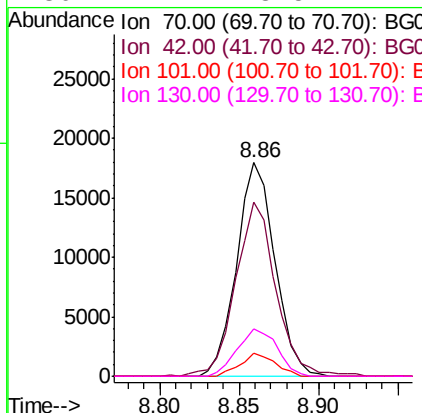
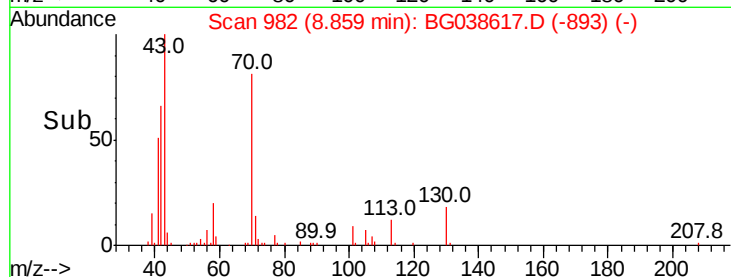
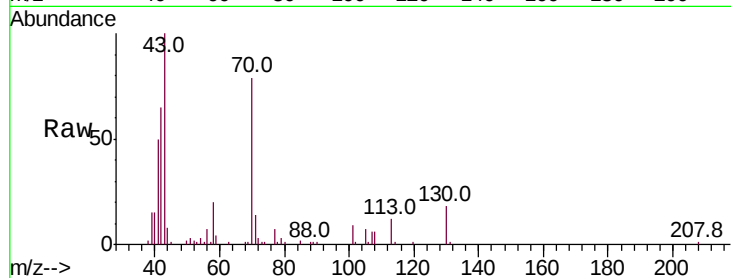
#19
n-Nitroso-di-n-propylamine
Concen: 28.284 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.01 min
Lab File: BG038617.D
Acq: 15 Dec 2018 23:26

Instrument :
BNA_G
ClientSampleId :
PB115697BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	81.2	63.6	95.4	
101	10.9	9.2	13.8	
130	22.1	18.5	27.7	

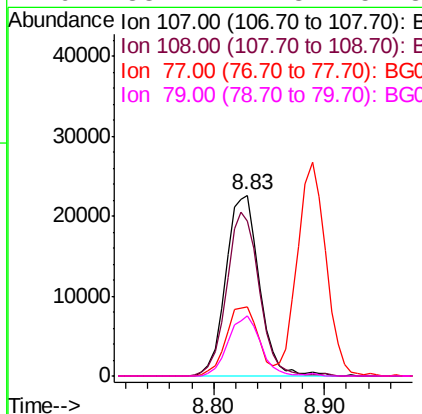
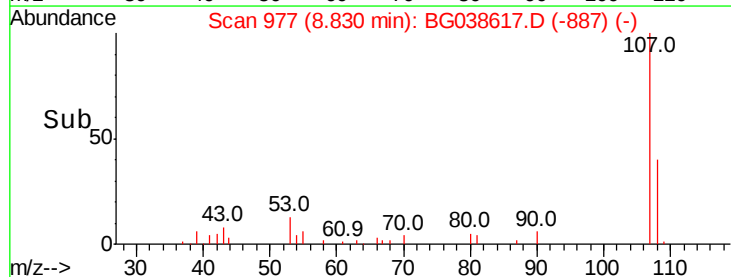
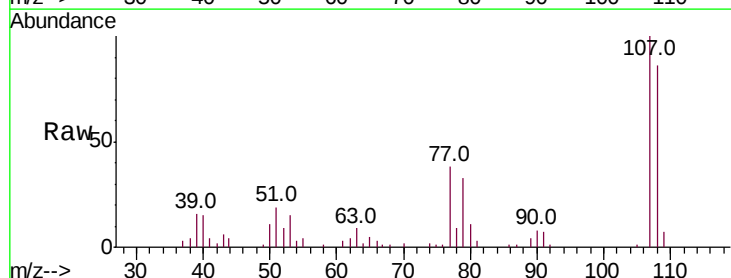
Manual Integrations
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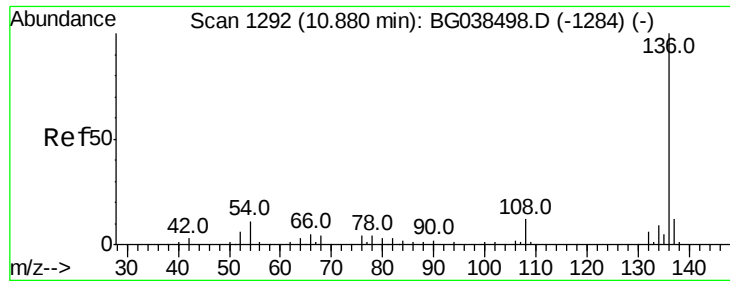
Sohil
12/16/2018 2:01:22 PM



#20
3+4-Methylphenols
Concen: 32.353 ng
RT: 8.83 min Scan# 977
Delta R.T. 0.00 min
Lab File: BG038617.D
Acq: 15 Dec 2018 23:26

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	85.6	66.7	106.7	
77	38.3	17.3	57.3	
79	33.2	12.3	52.3	





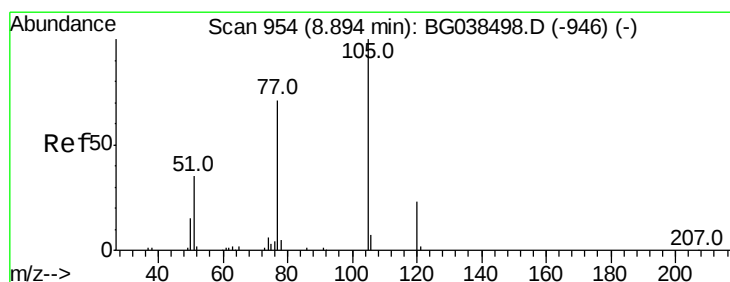
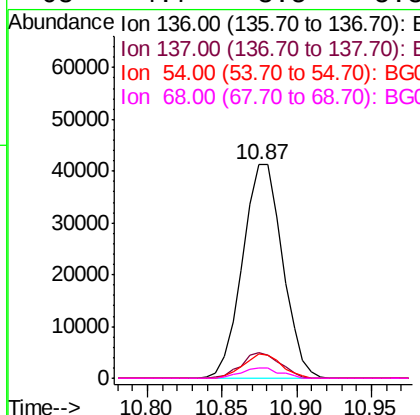
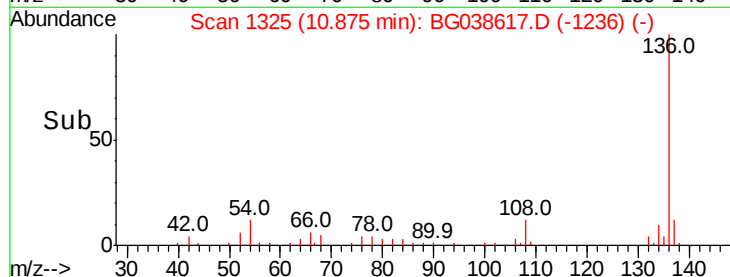
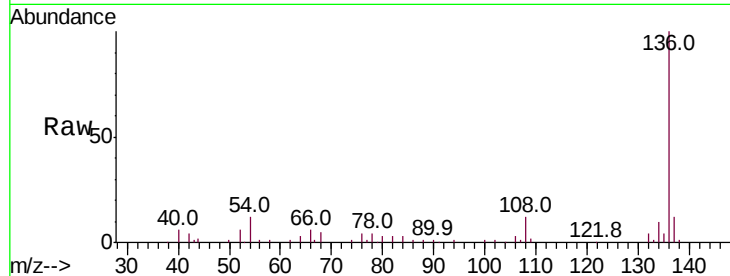
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG038617.D
Acq: 15 Dec 2018 23:26

Instrument :
BNA_G
ClientSampleId :
PB115697BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	12.0	9.3	13.9	
54	11.6	8.5	12.7	
68	4.7	3.5	5.3	

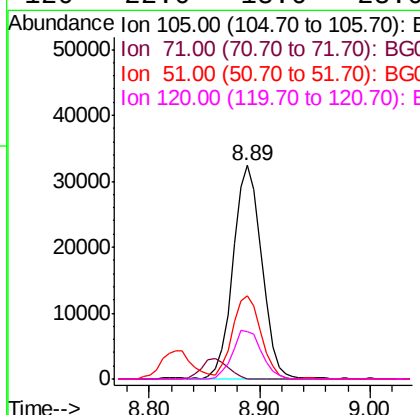
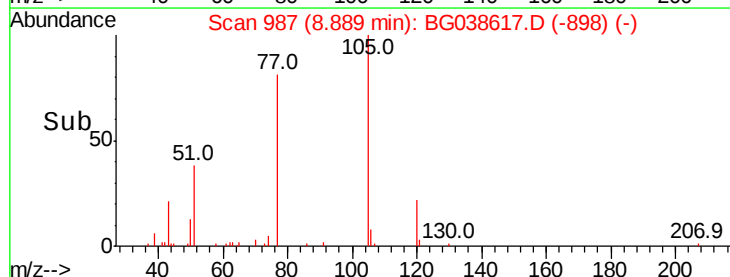
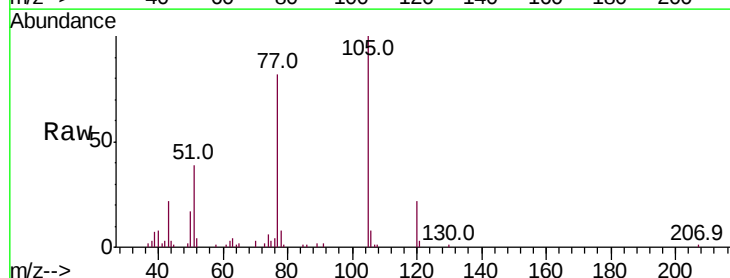
Manual Integrations
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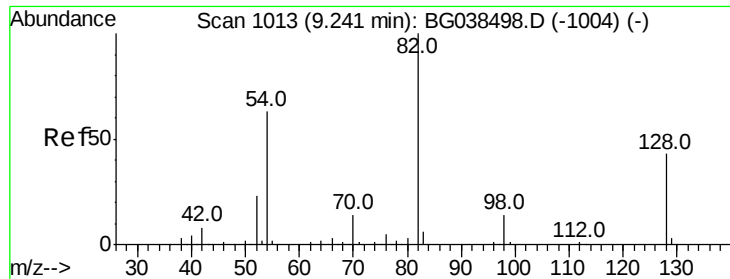
Sohil
12/16/2018 2:01:22 PM



#22
Acetophenone
Concen: 30.912 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BG038617.D
Acq: 15 Dec 2018 23:26

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.0	0.4	0.6#	
51	39.2	30.6	46.0	
120	22.0	18.6	28.0	





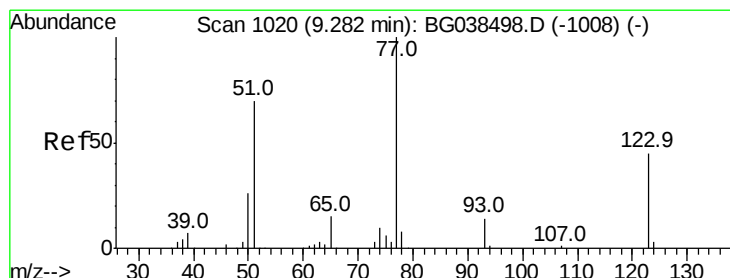
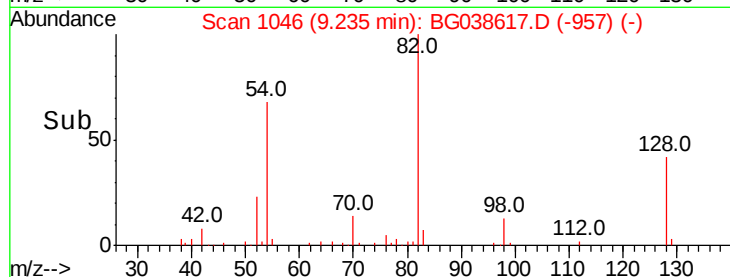
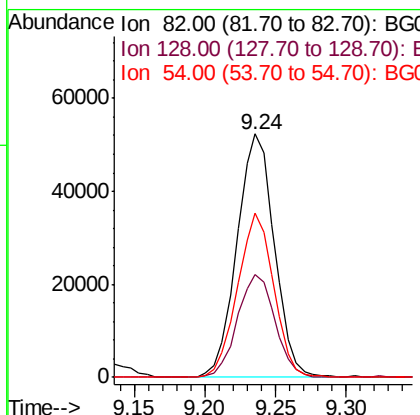
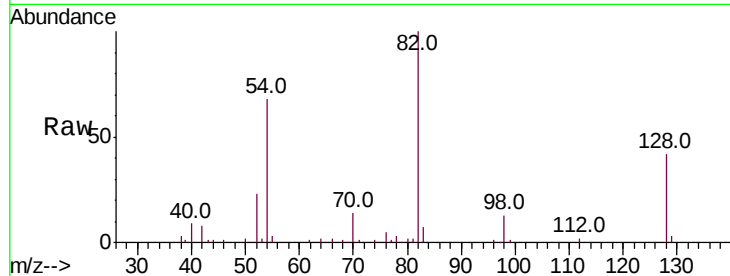
#23
Nitrobenzene-d5
Concen: 64.432 ng
RT: 9.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038617.D
Acq: 15 Dec 2018 23:26

Instrument :
BNA_G
ClientSampleId :
PB115697BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.4	34.6	52.0
54	67.6	50.6	76.0

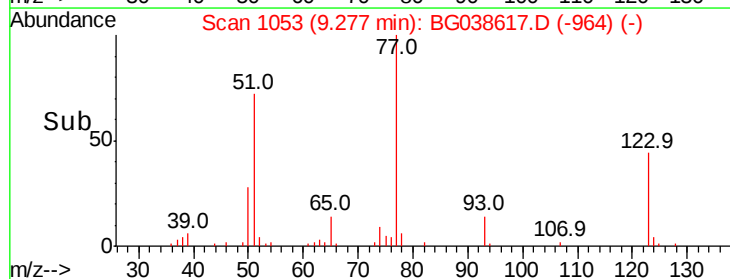
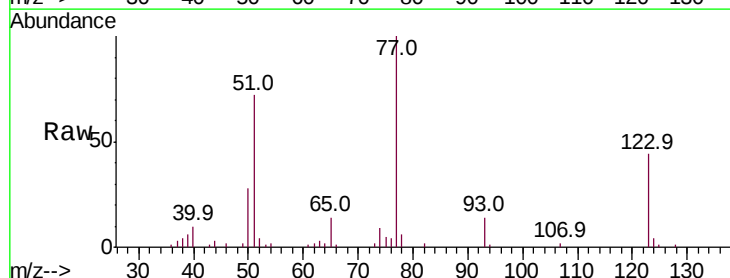
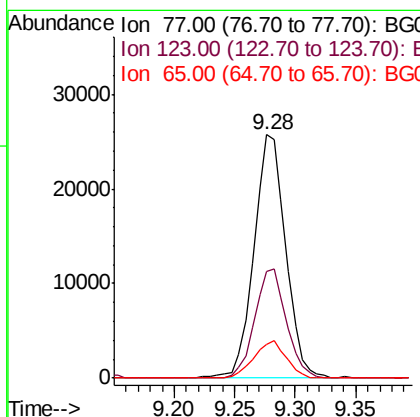
Manual Integrations
APPROVED

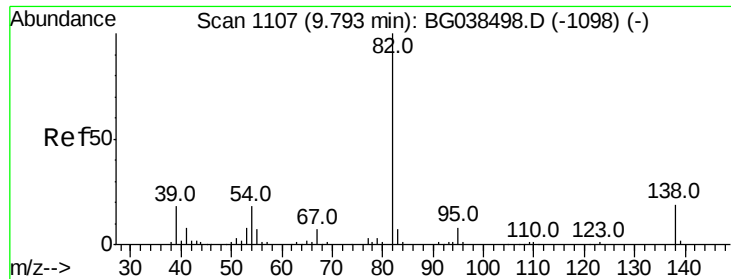
Sohil
12/16/2018 2:01:22 PM



#24
Nitrobenzene
Concen: 30.804 ng
RT: 9.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BG038617.D
Acq: 15 Dec 2018 23:26

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.6	35.9	53.9
65	13.9	12.0	18.0





#25

Isophorone

Concen: 30.585 ng

RT: 9.79 min Scan# 1140

Delta R.T. -0.01 min

Lab File: BG038617.D

Acq: 15 Dec 2018 23:26

Instrument :

BNA_G

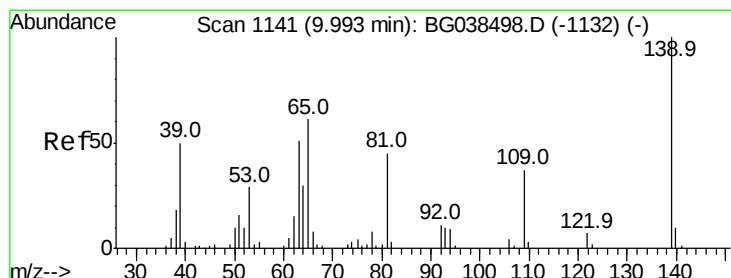
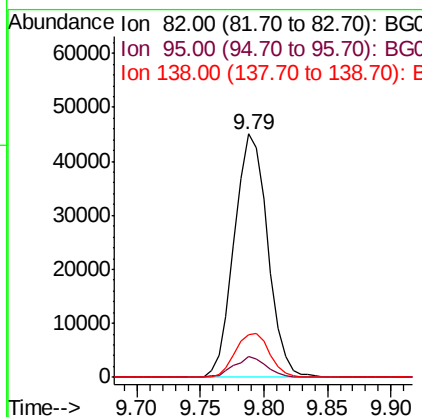
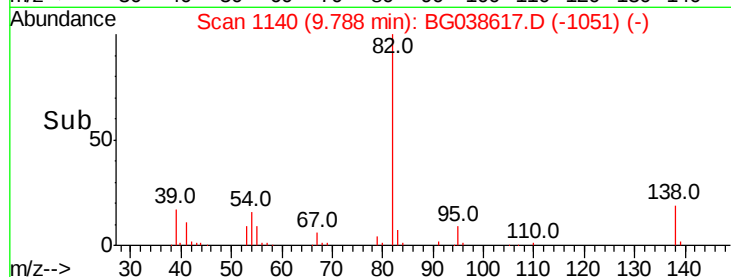
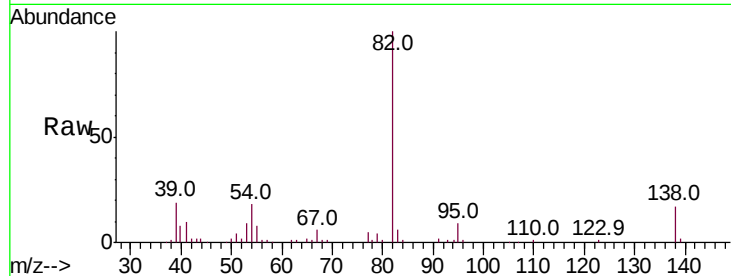
ClientSampleId :

PB115697BS

Tot Ion:	82	Resp:	82491
Ion Ratio	Lower	Upper	
82	100		
95	8.5	6.1	9.1
138	17.4	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 29.799 ng

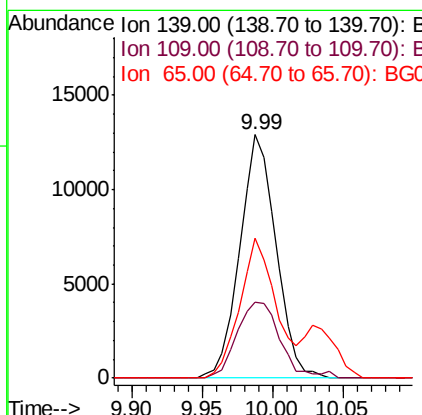
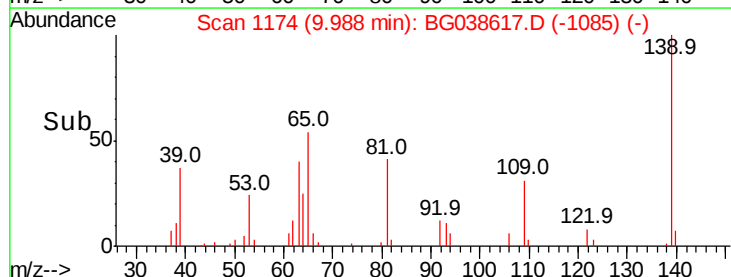
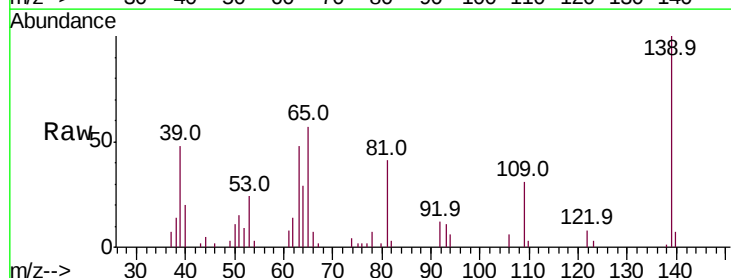
RT: 9.99 min Scan# 1174

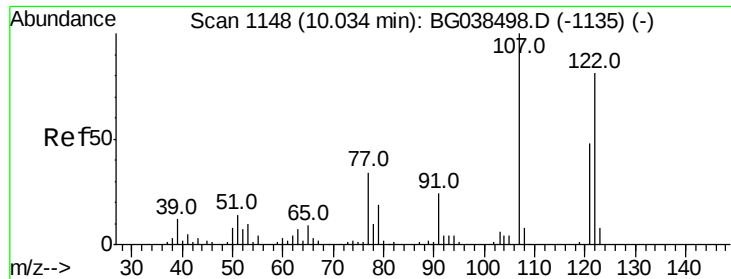
Delta R.T. -0.01 min

Lab File: BG038617.D

Acq: 15 Dec 2018 23:26

Tgt Ion:	139	Resp:	23161
Ion Ratio	Lower	Upper	
139	100		
109	31.3	29.5	44.3
65	57.5	48.5	72.7





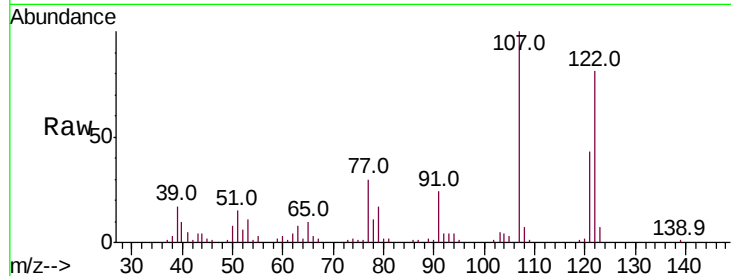
#27
 2,4-Dimethylphenol
 Concen: 36.473 ng
 RT: 10.03 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BG038617.D
 Acq: 15 Dec 2018 23:26

Instrument :
 BNA_G
 ClientSampleId :
 PB115697BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	123.2	98.4	147.6
121	53.6	47.2	70.8

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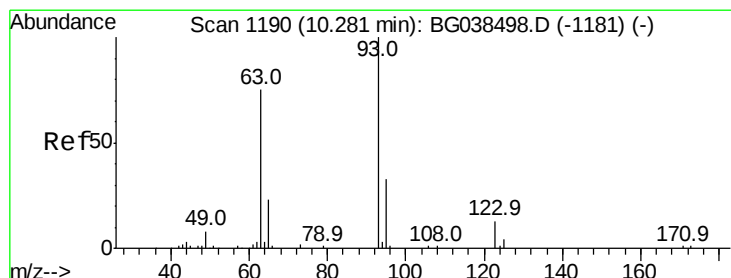
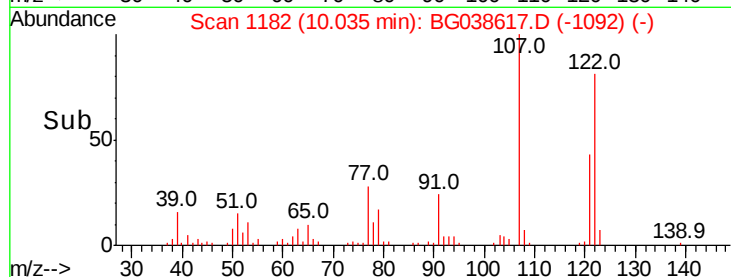
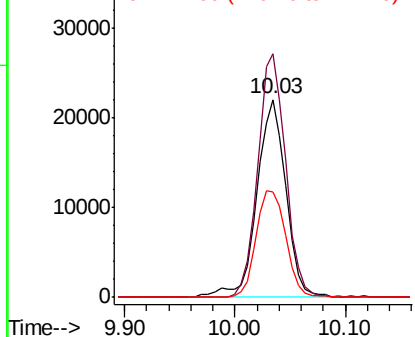


Abundance

Ion 122.00 (121.70 to 122.70): E

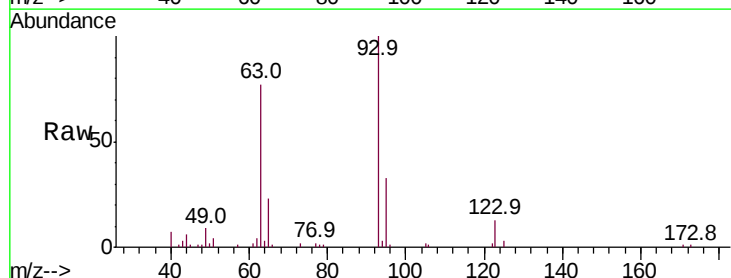
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 31.206 ng
 RT: 10.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BG038617.D
 Acq: 15 Dec 2018 23:26

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.6	40.0
123	12.5	10.6	16.0

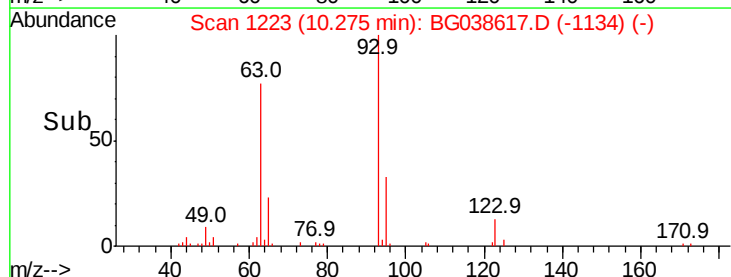
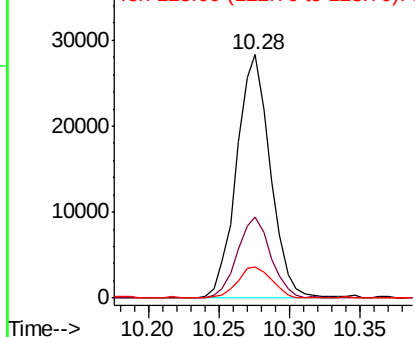


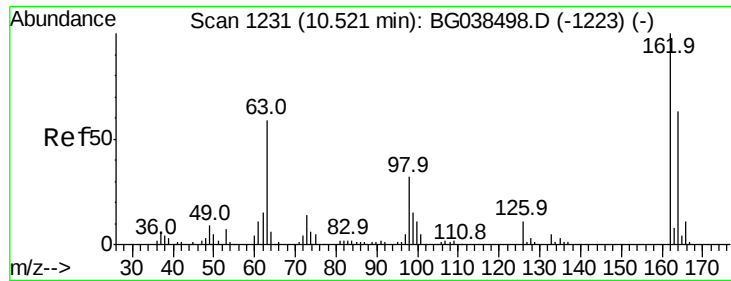
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





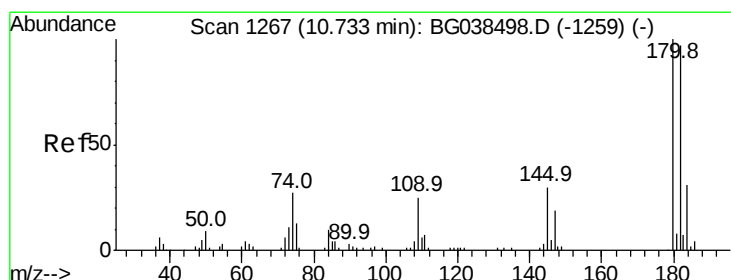
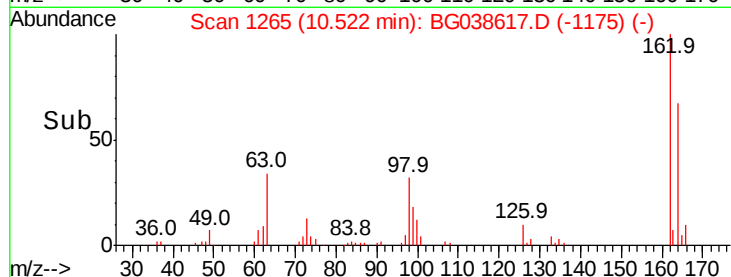
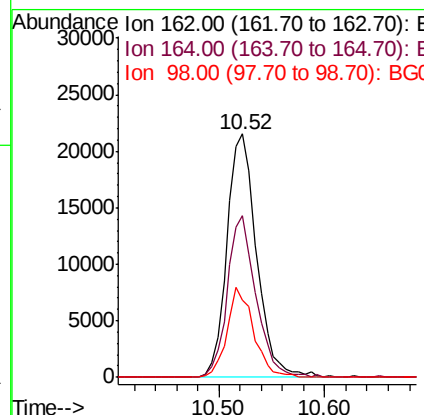
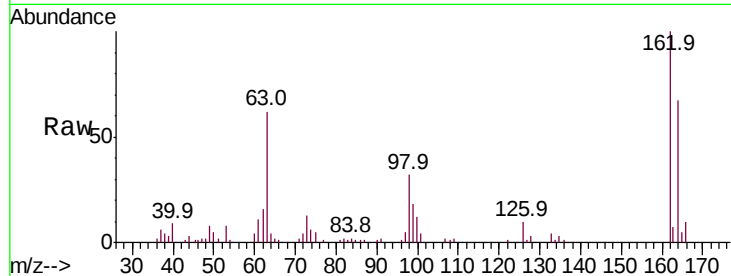
#29
 2,4-Dichlorophenol
 Concen: 33.750 ng
 RT: 10.52 min Scan# 1265
 Delta R.T. 0.00 min
 Lab File: BG038617.D
 Acq: 15 Dec 2018 23:26

Instrument :
 BNA_G
 ClientSampleId :
 PB115697BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	41823		
164	66.7		42.9	82.9
98	31.6		12.1	52.1

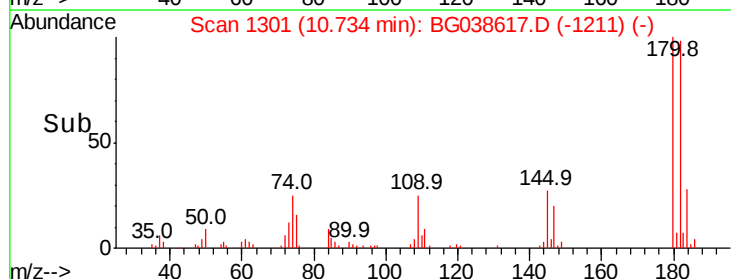
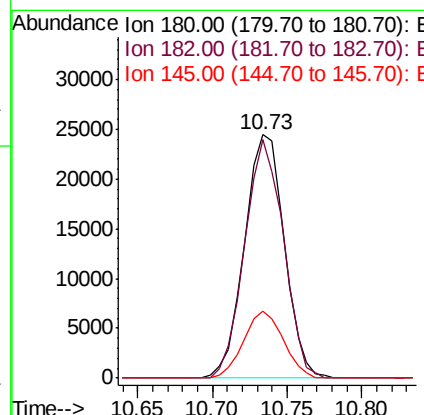
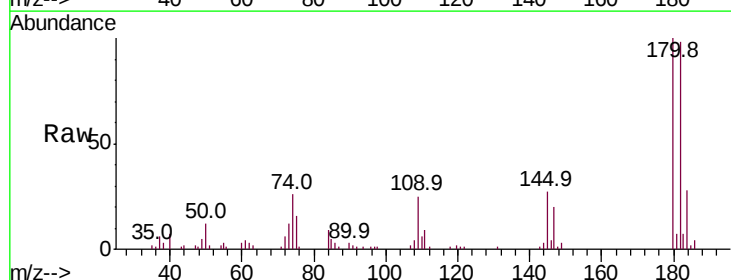
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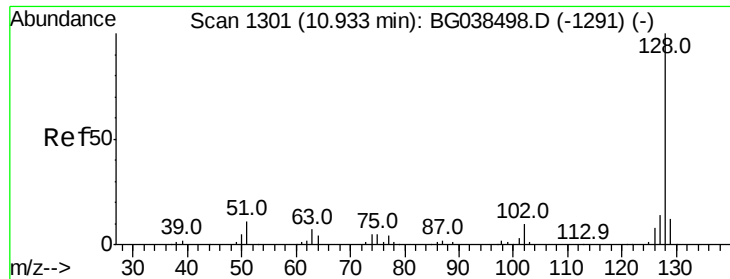
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#30
 1,2,4-Trichlorobenzene
 Concen: 30.156 ng
 RT: 10.73 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BG038617.D
 Acq: 15 Dec 2018 23:26

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	45139		
182	97.9		77.4	116.0
145	27.5		24.1	36.1





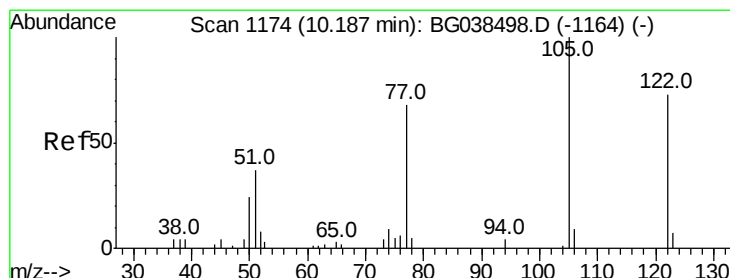
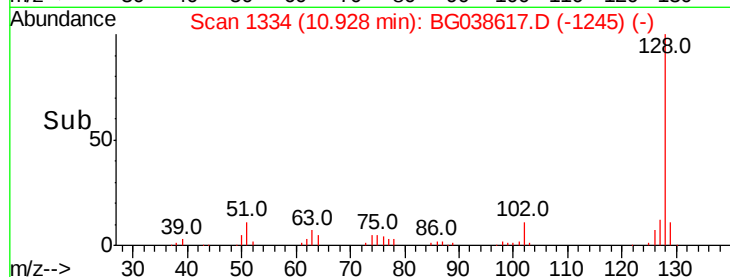
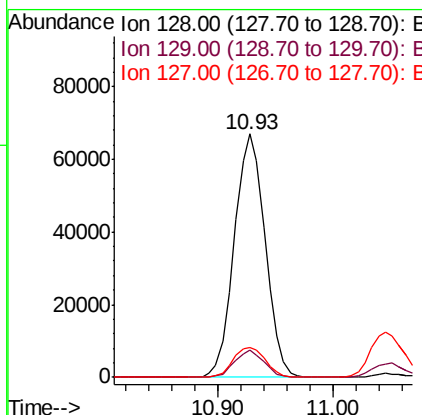
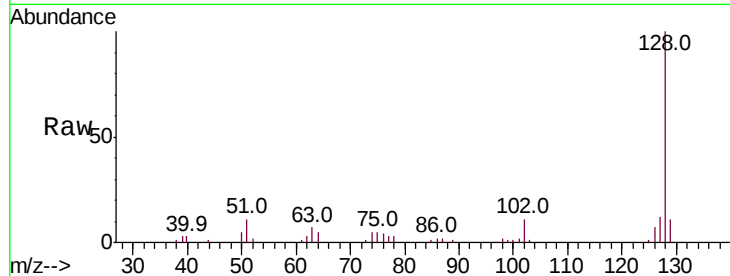
#31
Naphthalene
Concen: 32.805 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG038617.D
Acq: 15 Dec 2018 23:26

Instrument :
BNA_G
ClientSampleId :
PB115697BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.5	14.3
127	12.4	10.9	16.3

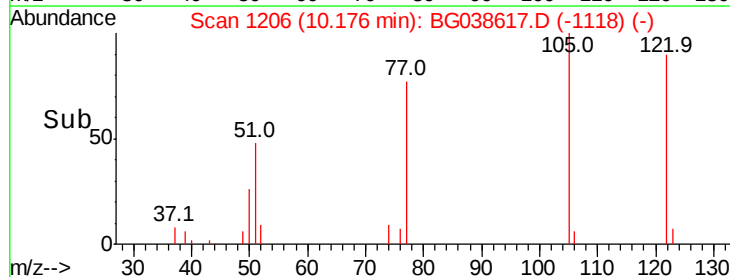
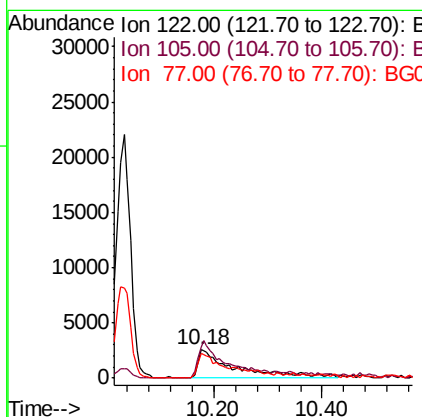
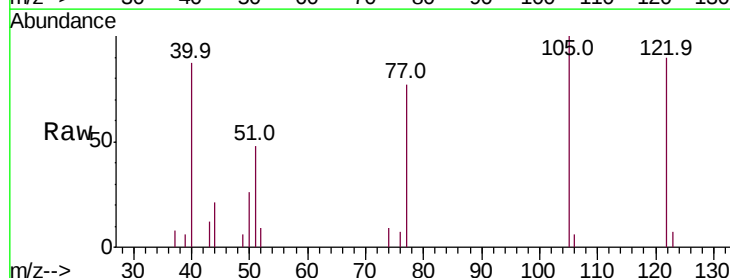
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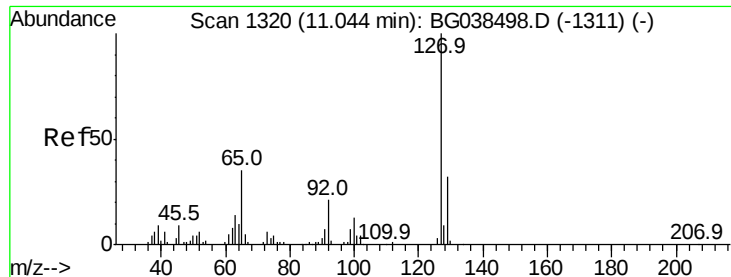
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#32
Benzoic acid
Concen: 23.925 ng m
RT: 10.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BG038617.D
Acq: 15 Dec 2018 23:26

Tgt Ion	Ratio	Lower	Upper
122	100		
105	110.9	116.7	156.7#
77	85.8	72.5	112.5





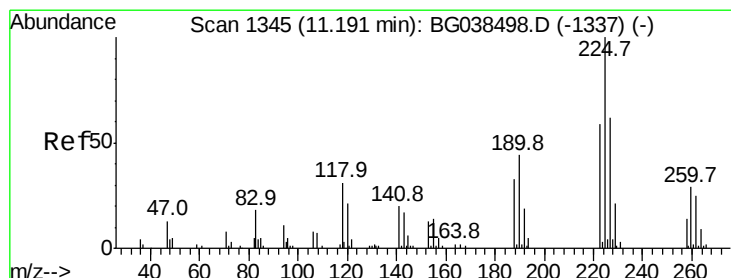
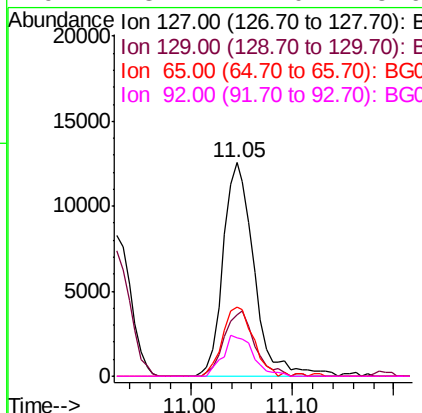
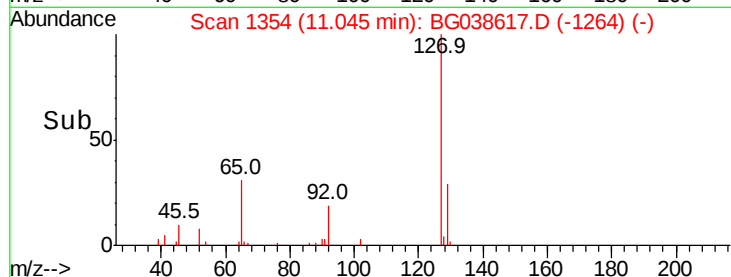
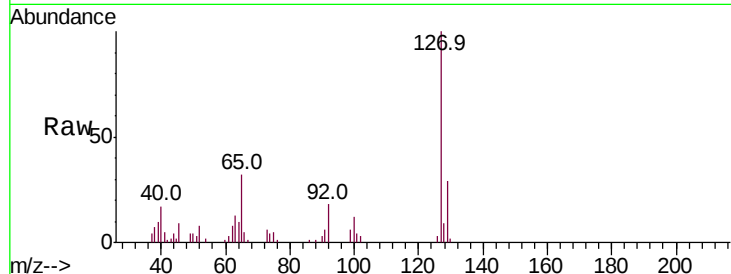
#33
4-Chloroaniline
Concen: 16.113 ng
RT: 11.05 min Scan# 1354
Delta R.T. 0.00 min
Lab File: BG038617.D
Acq: 15 Dec 2018 23:26

Instrument :
BNA_G
ClientSampleId :
PB115697BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100	26433		
129	28.7	25.8	38.8	
65	32.1	27.8	41.6	
92	18.2	17.0	25.6	

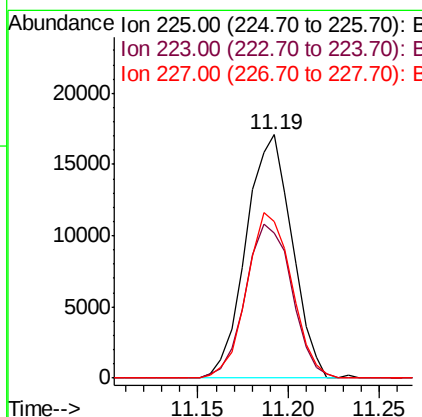
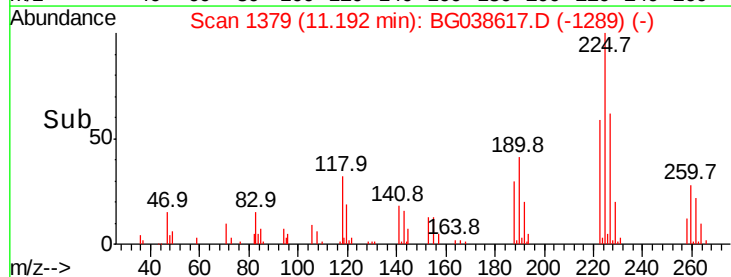
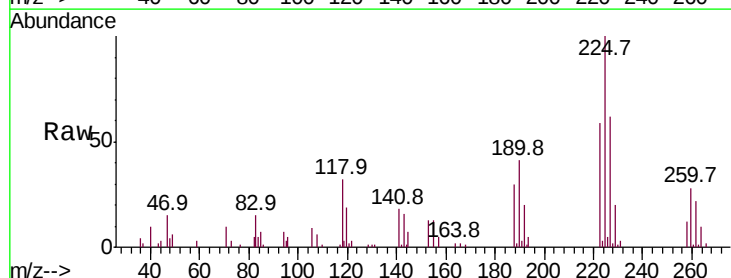
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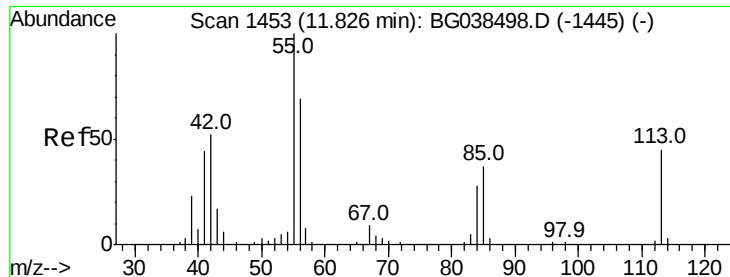
Sohil
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#34
Hexachlorobutadiene
Concen: 29.619 ng
RT: 11.19 min Scan# 1379
Delta R.T. 0.00 min
Lab File: BG038617.D
Acq: 15 Dec 2018 23:26

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	29999		
223	62.4	45.0	67.6	
227	64.4	50.6	75.8	





#35

Caprolactam

Concen: 26.383 ng

RT: 11.82 min Scan# 1486

Delta R.T. -0.01 min

Lab File: BG038617.D

Acq: 15 Dec 2018 23:26

Instrument :

BNA_G

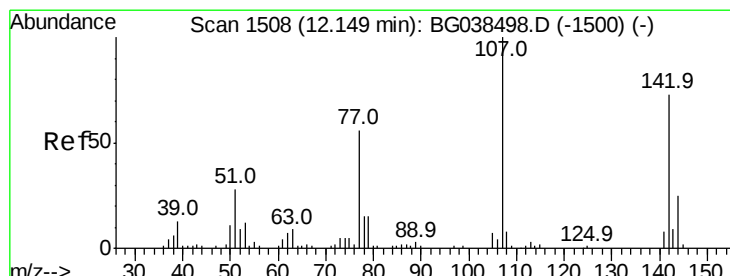
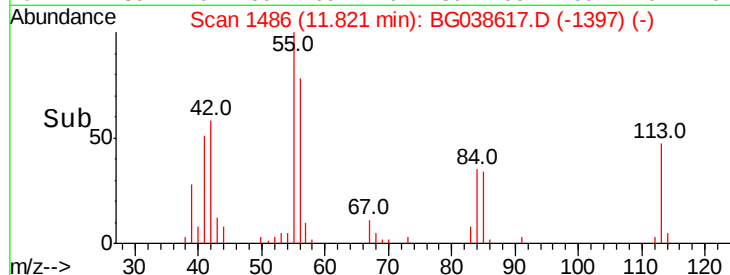
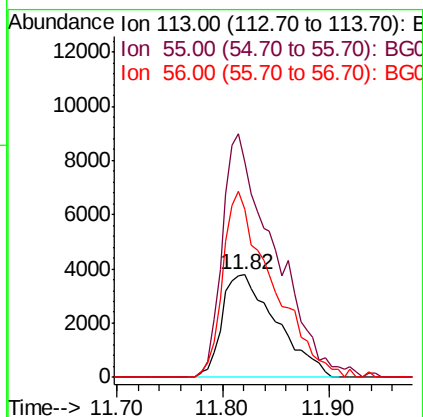
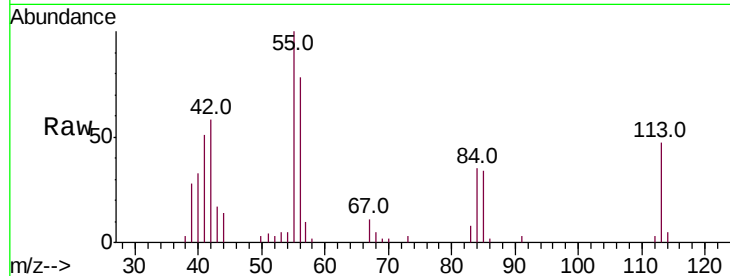
ClientSampleId :

PB115697BS

Tot Ion:	113	Resp:	13530
Ion Ratio	Lower	Upper	
113	100		
55	210.7	204.3	244.3
56	164.9	135.0	175.0

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#36

4-Chloro-3-methylphenol

Concen: 29.959 ng

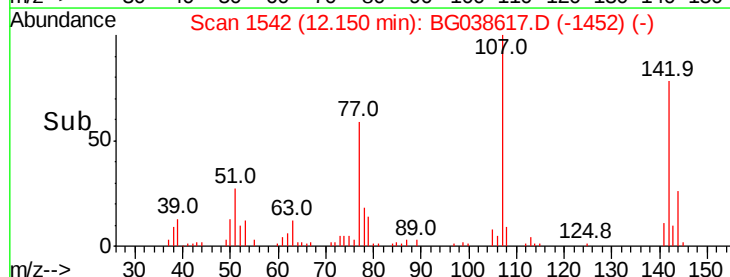
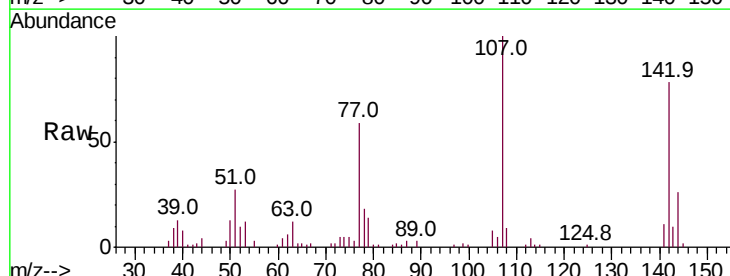
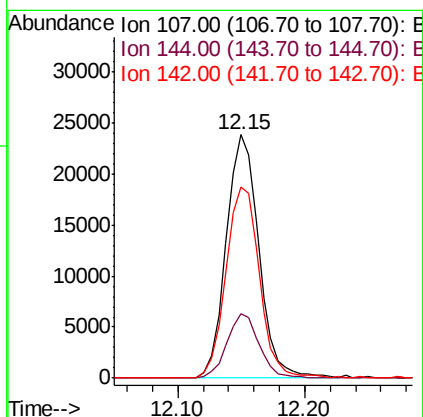
RT: 12.15 min Scan# 1542

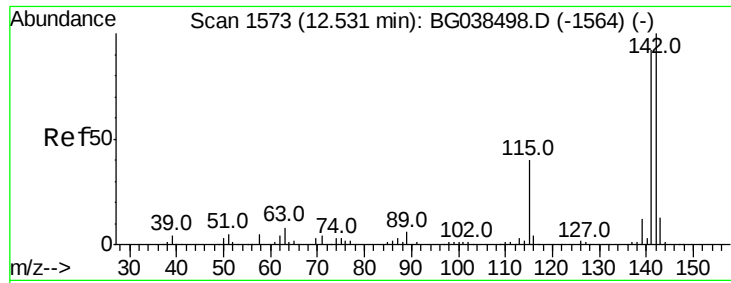
Delta R.T. 0.00 min

Lab File: BG038617.D

Acq: 15 Dec 2018 23:26

Tgt Ion:	107	Resp:	42366
Ion Ratio	Lower	Upper	
107	100		
144	26.4	20.1	30.1
142	78.2	58.7	88.1





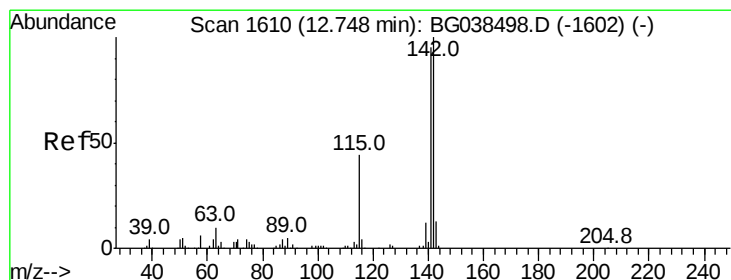
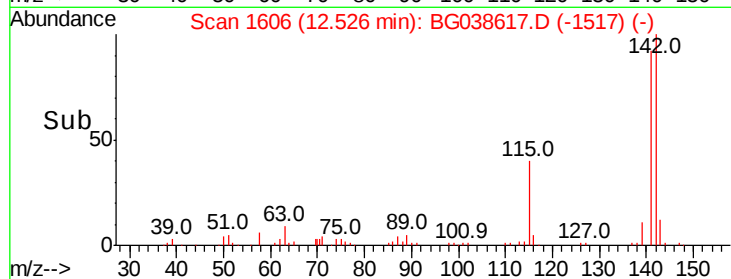
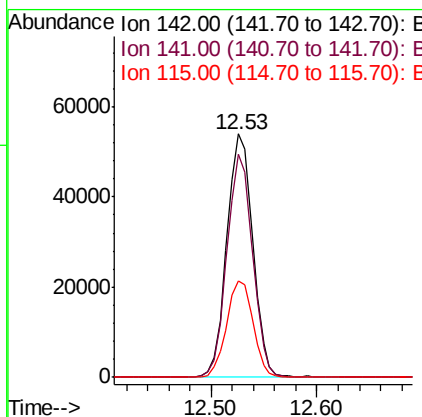
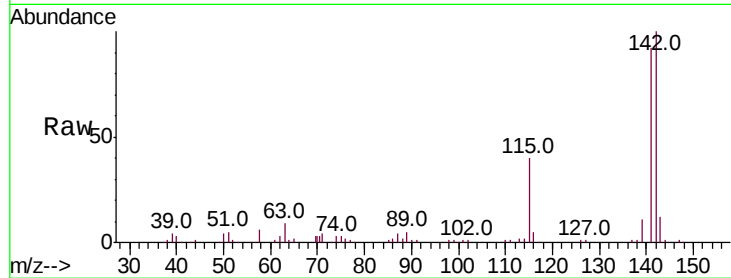
#37
 2-Methylnaphthalene
 Concen: 33.872 ng
 RT: 12.53 min Scan# 1606
 Delta R.T. -0.01 min
 Lab File: BG038617.D
 Acq: 15 Dec 2018 23:26

Instrument :
 BNA_G
 ClientSampleId :
 PB115697BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.6	73.5	110.3
115	39.8	31.7	47.5

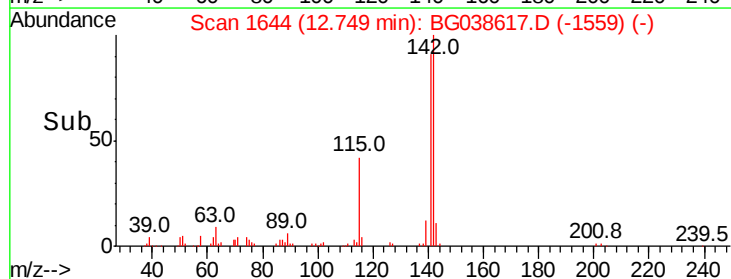
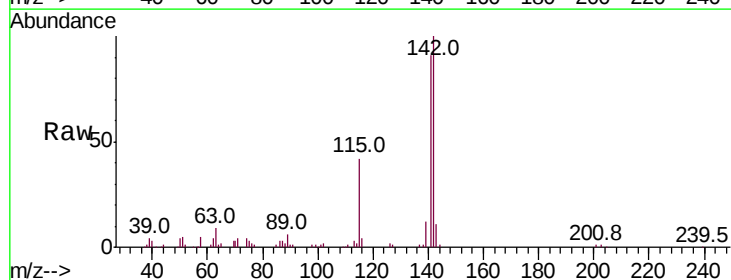
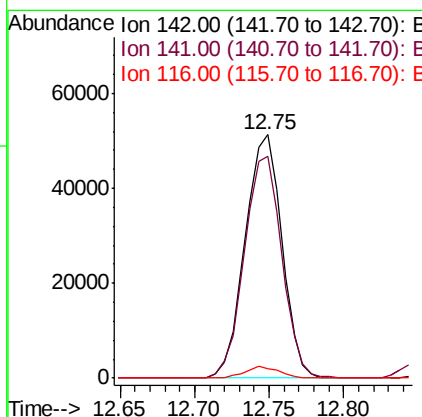
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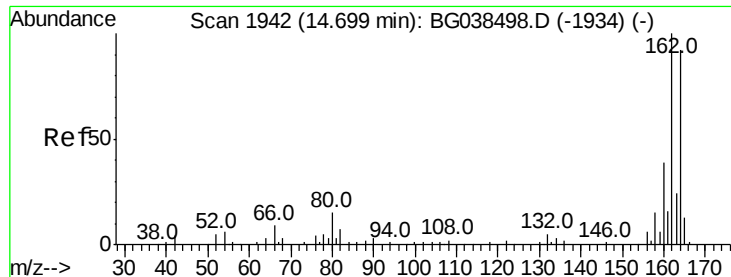
Sohil
 12/16/2018 2:01:22 PM



#38
 1-Methylnaphthalene
 Concen: 33.463 ng
 RT: 12.75 min Scan# 1644
 Delta R.T. 0.00 min
 Lab File: BG038617.D
 Acq: 15 Dec 2018 23:26

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.0	75.8	113.8
116	3.7	3.6	5.4





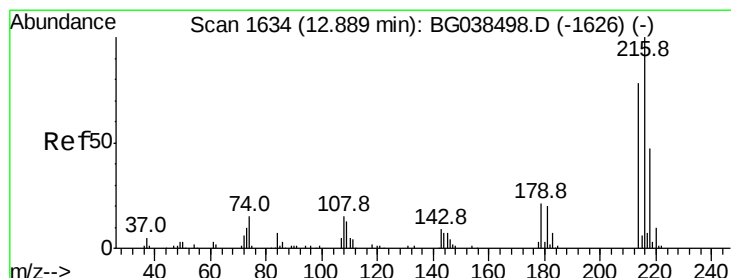
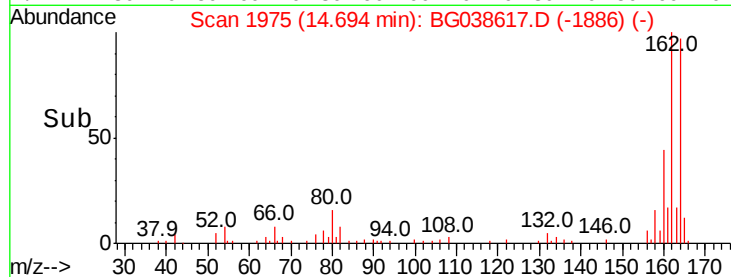
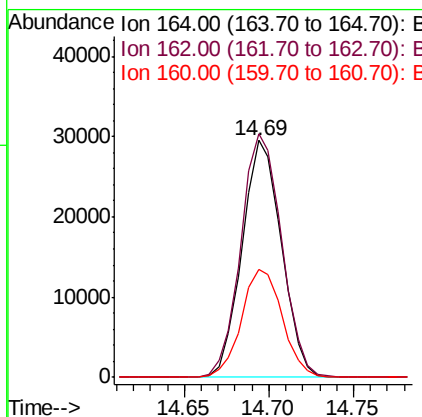
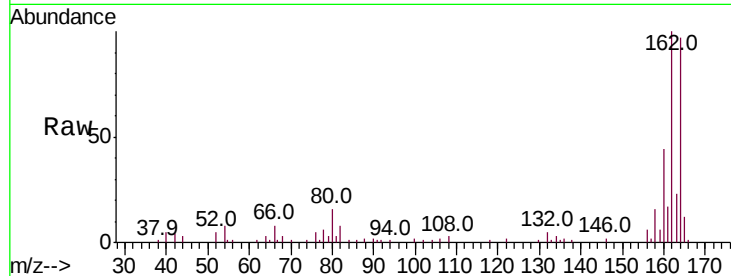
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG038617.D
Acq: 15 Dec 2018 23:26

Instrument :
BNA_G
ClientSampleId :
PB115697BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.9	86.6	130.0
160	45.6	34.2	51.2

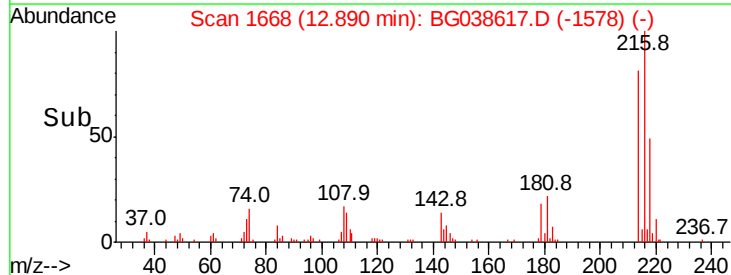
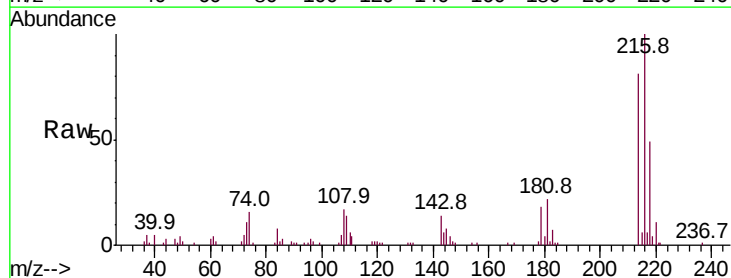
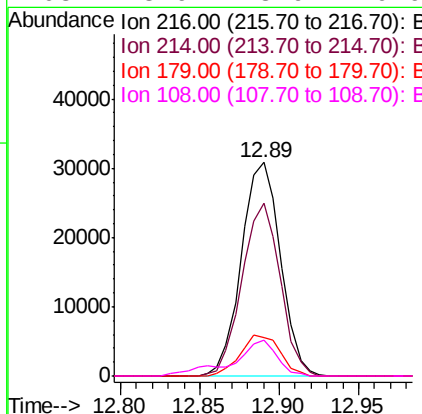
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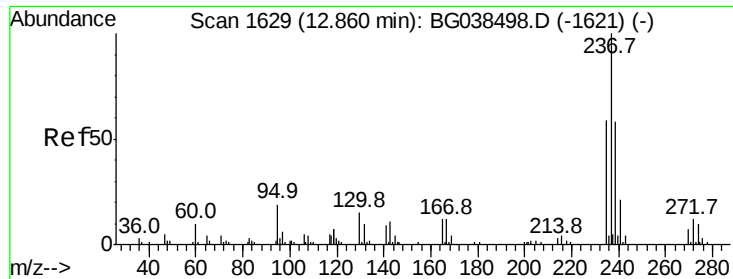
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 29.577 ng
RT: 12.89 min Scan# 1668
Delta R.T. 0.00 min
Lab File: BG038617.D
Acq: 15 Dec 2018 23:26

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.7	64.1	96.1
179	19.6	16.4	24.6
108	18.9	13.9	20.9





#41

Hexachlorocyclopentadiene

Concen: 73.730 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG038617.D

Acq: 15 Dec 2018 23:26

Instrument :

BNA_G

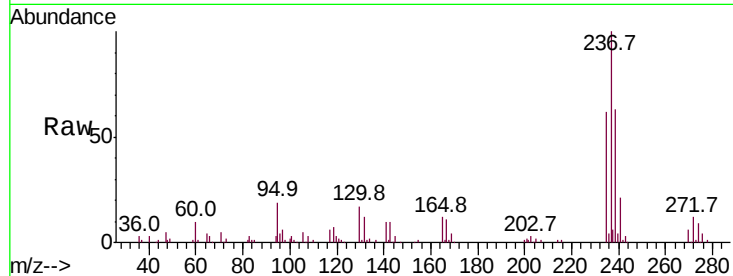
ClientSampleId :

PB115697BS

Tot Ion:	237	Resp:	72445
Ion Ratio	Lower	Upper	
237	100		
235	61.7	38.8	78.8
272	12.1	0.0	32.0

Manual Integrations
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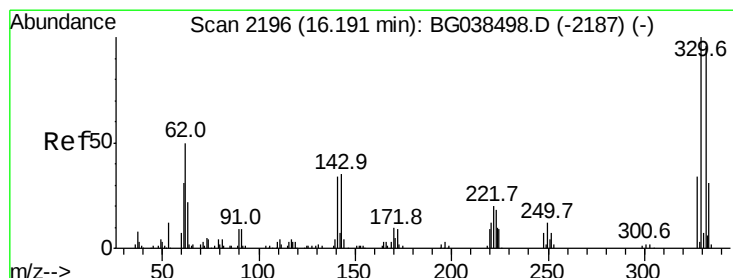
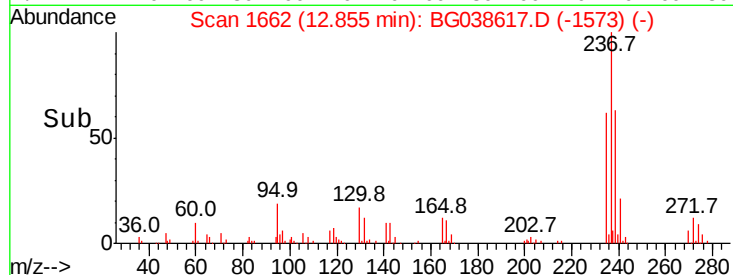
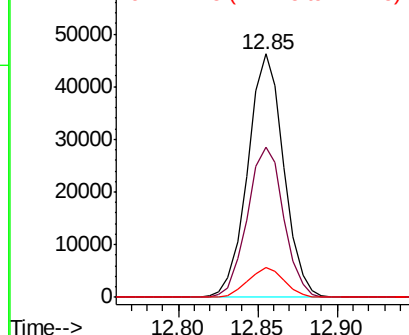


Abundance

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: 100.820 ng

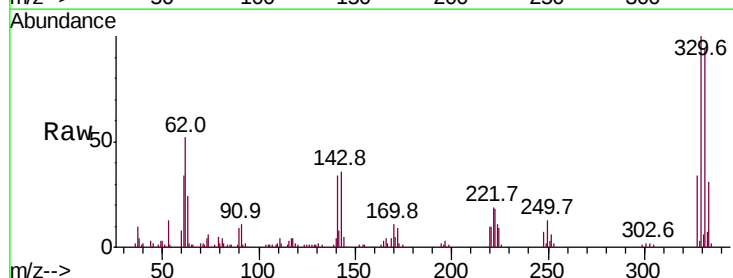
RT: 16.19 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BG038617.D

Acq: 15 Dec 2018 23:26

Tgt Ion:	330	Resp:	66481
Ion Ratio	Lower	Upper	
330	100		
332	96.1	76.9	115.3
141	35.8	28.8	43.2

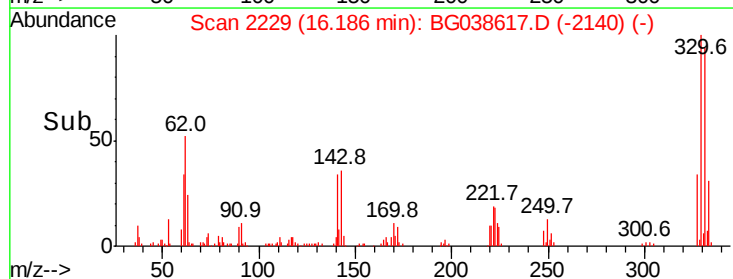
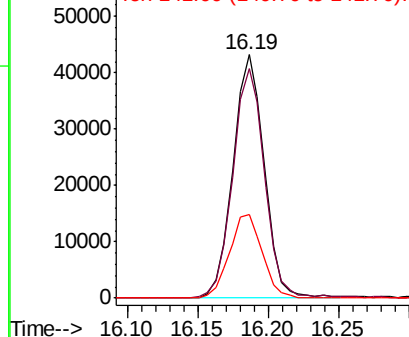


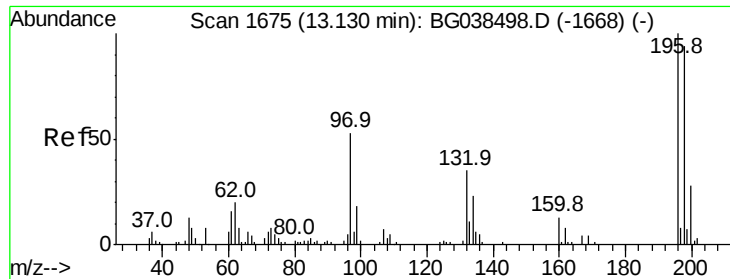
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





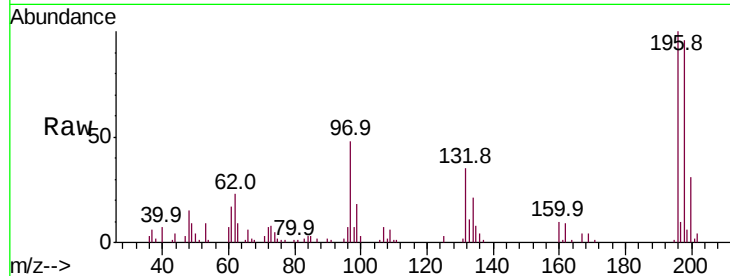
#43
 2,4,6-Trichlorophenol
 Concen: 31.632 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. 0.00 min
 Lab File: BG038617.D
 Acq: 15 Dec 2018 23:26

Instrument :
 BNA_G
 ClientSampleId :
 PB115697BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	34785		
198	96.2	75.0	112.4	
200	30.6	22.4	33.6	

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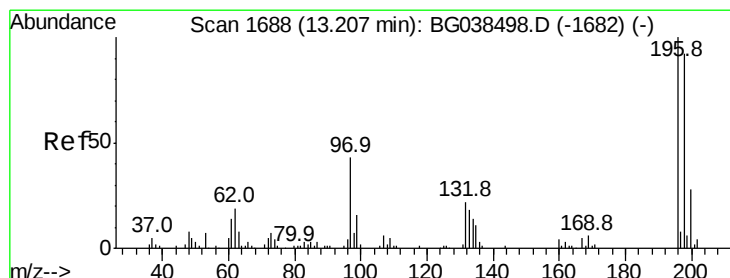
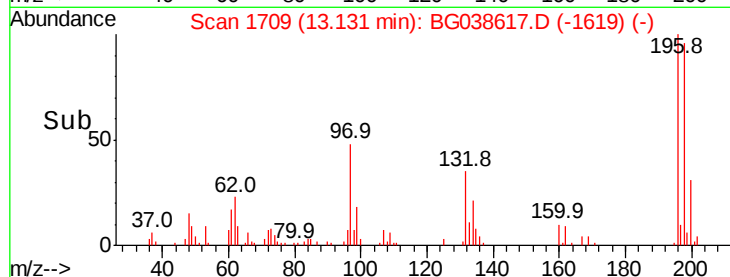
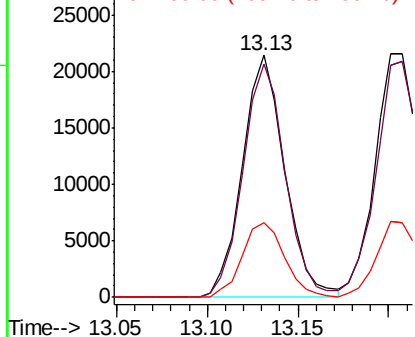


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 33.620 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.01 min
 Lab File: BG038617.D
 Acq: 15 Dec 2018 23:26

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	39143		
198	95.6	74.0	111.0	
97	46.1	35.1	52.7	
132	20.8	18.0	27.0	

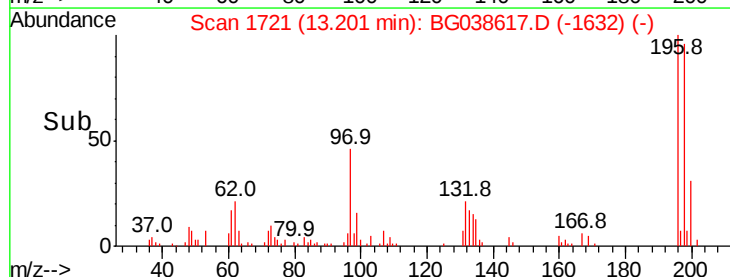
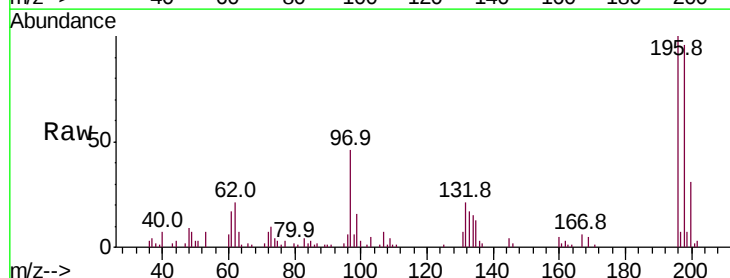
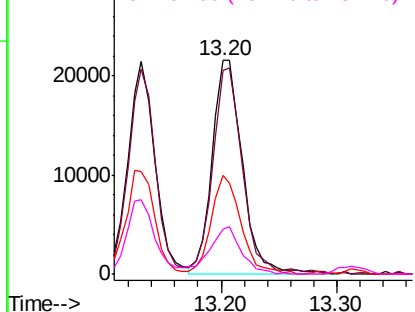
Abundance

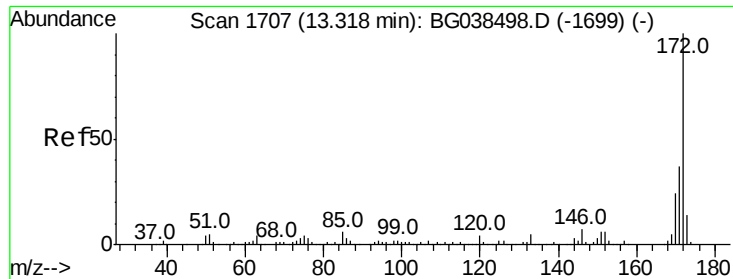
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E





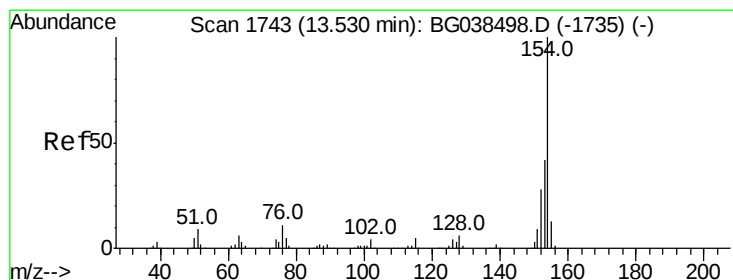
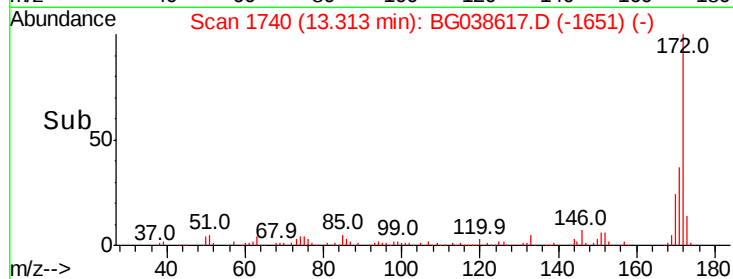
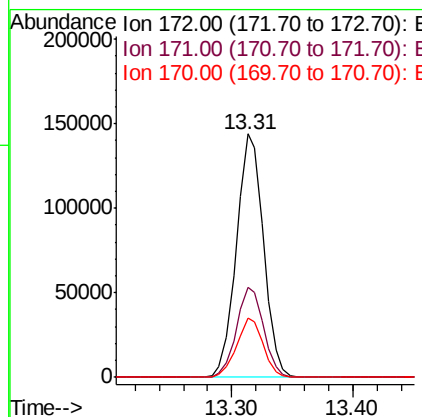
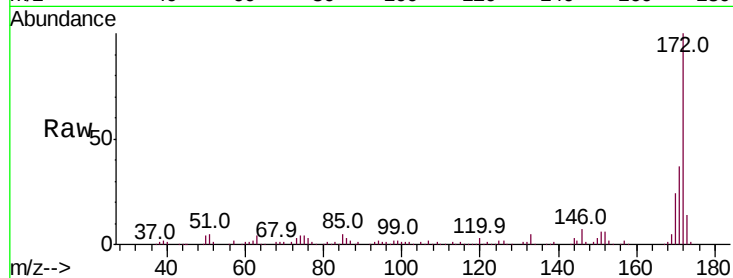
#45
 2-Fluorobiphenyl
 Concen: 64.455 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BG038617.D
 Acq: 15 Dec 2018 23:26

Instrument :
 BNA_G
 ClientSampleId :
 PB115697BS

Tot Ion:	172	Resp:	224801
Ion Ratio	Lower	Upper	
172	100		
171	37.0	29.8	44.6
170	24.3	19.5	29.3

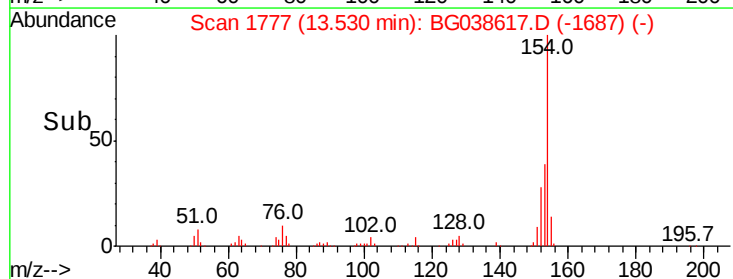
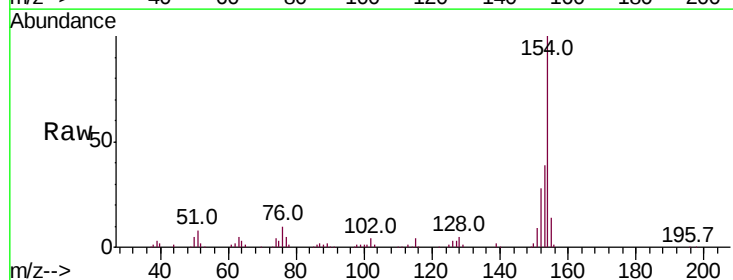
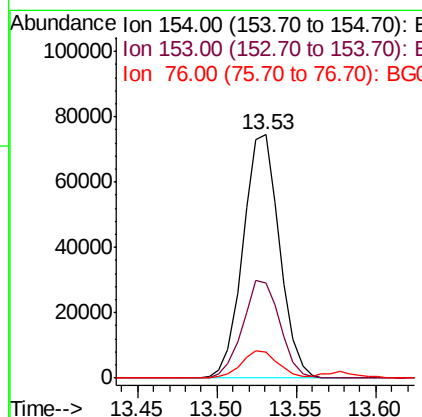
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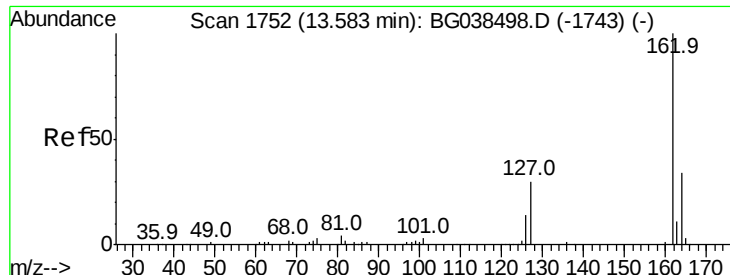
Sohil
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#46
 1,1'-Biphenyl
 Concen: 29.592 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. 0.00 min
 Lab File: BG038617.D
 Acq: 15 Dec 2018 23:26

Tgt Ion:	154	Resp:	118696
Ion Ratio	Lower	Upper	
154	100		
153	38.9	22.1	62.1
76	10.5	0.0	31.2





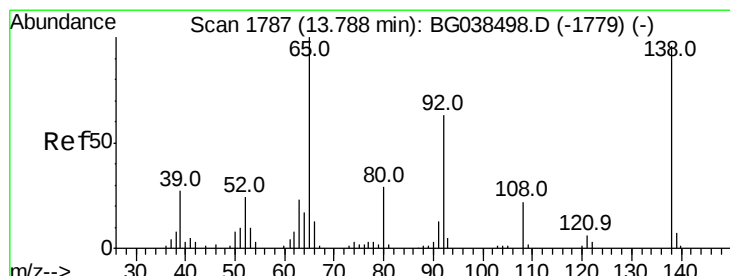
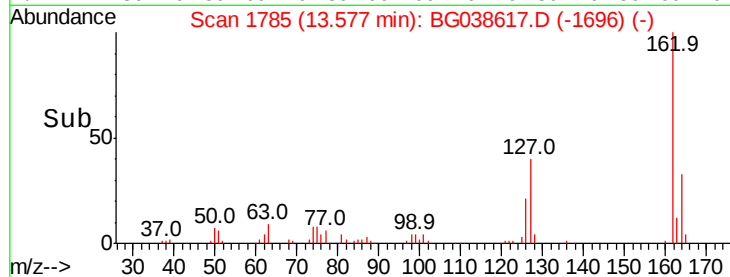
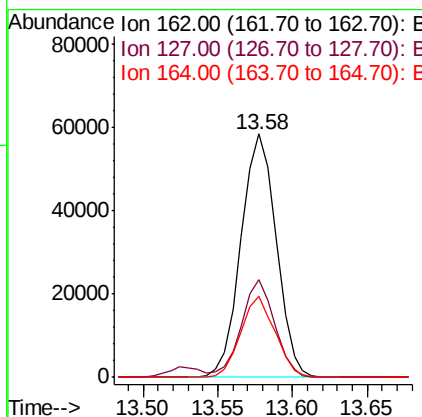
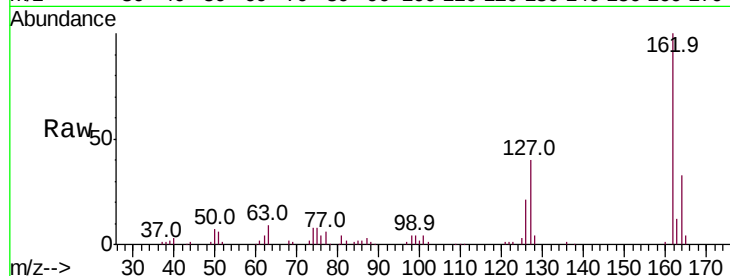
#47
 2-Chloronaphthalene
 Concen: 30.947 ng
 RT: 13.58 min Scan# 1785
 Delta R.T. -0.01 min
 Lab File: BG038617.D
 Acq: 15 Dec 2018 23:26

Instrument :
 BNA_G
 ClientSampleId :
 PB115697BS

Tot Ion:	162	Resp:	95883
Ion Ratio	Lower	Upper	
162	100		
127	40.0	27.8	41.8
164	33.4	26.9	40.3

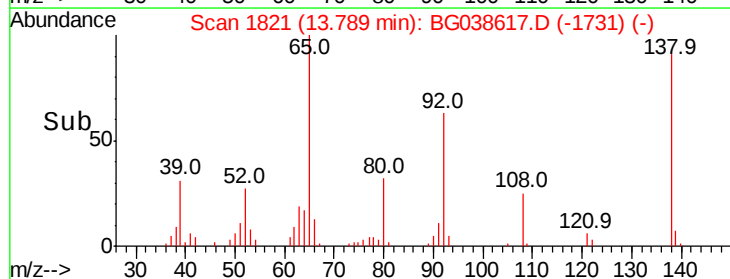
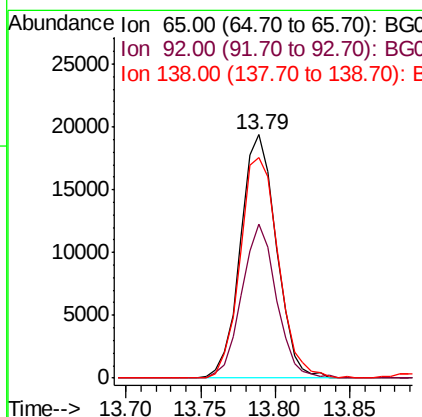
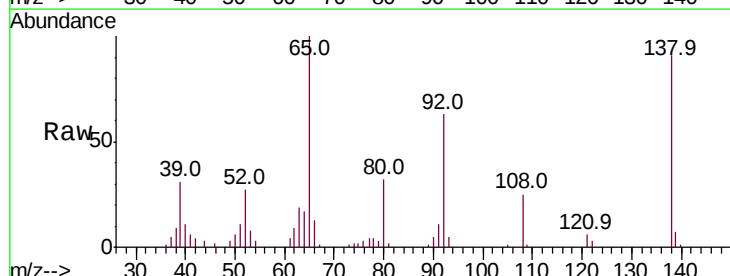
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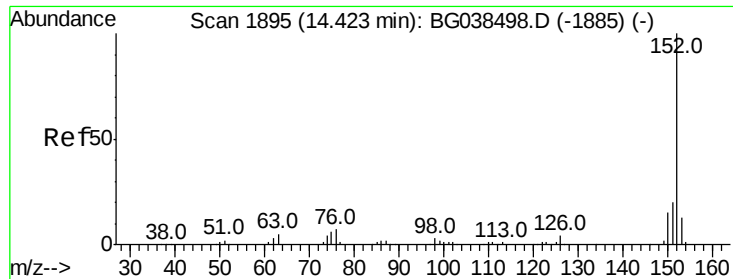
Sohil
 12/16/2018 2:01:22 PM



#48
 2-Nitroaniline
 Concen: 32.707 ng
 RT: 13.79 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: BG038617.D
 Acq: 15 Dec 2018 23:26

Tgt Ion:	65	Resp:	32278
Ion Ratio	Lower	Upper	
65	100		
92	63.2	50.0	75.0
138	90.5	76.9	115.3





#49

Acenaphthylene

Concen: 33.801 ng

RT: 14.42 min Scan# 1929

Delta R.T. 0.00 min

Lab File: BG038617.D

Acq: 15 Dec 2018 23:26

Instrument :

BNA_G

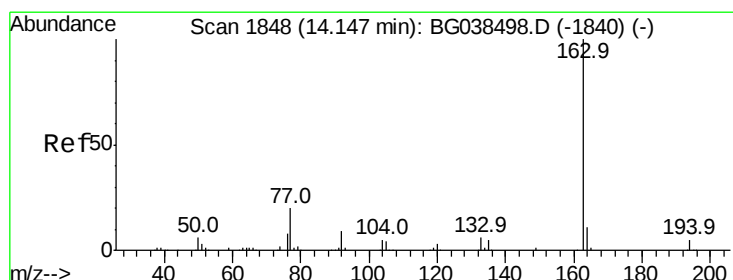
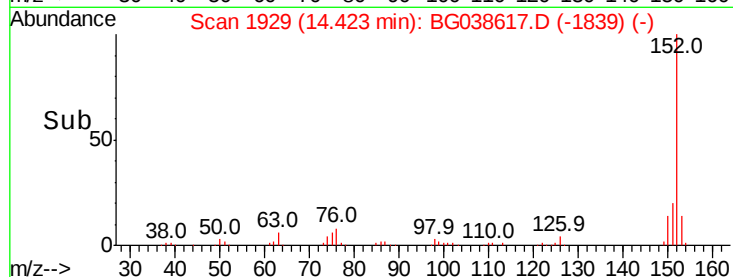
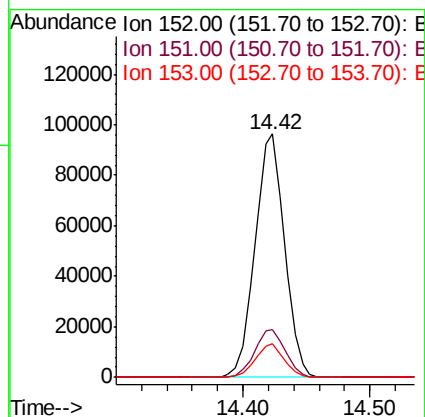
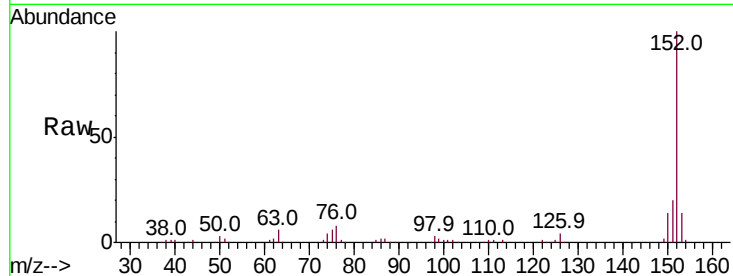
ClientSampleId :

PB115697BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.4	24.6
153	13.8	10.4	15.6

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#50

Dimethylphthalate

Concen: 31.619 ng

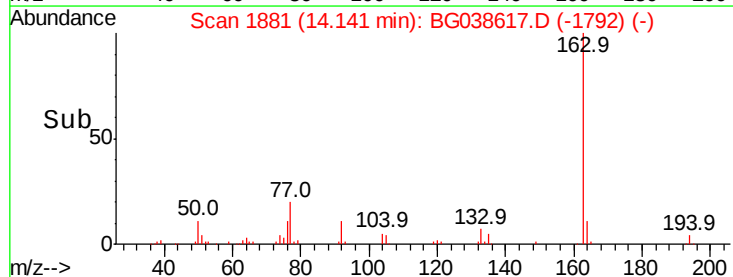
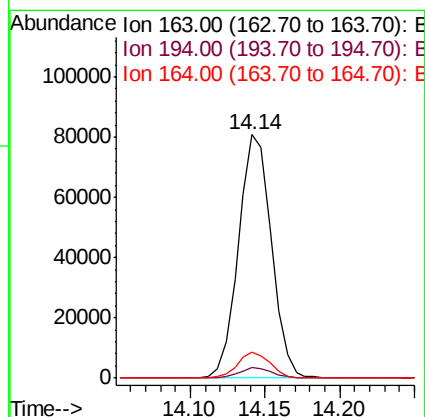
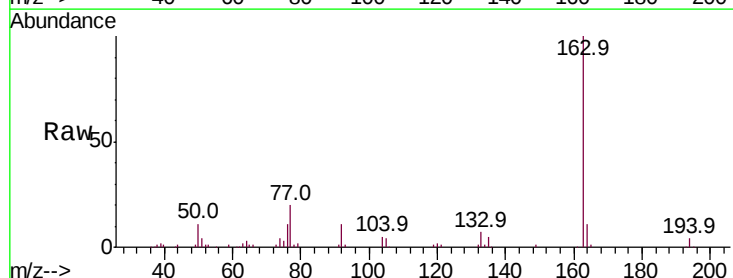
RT: 14.14 min Scan# 1881

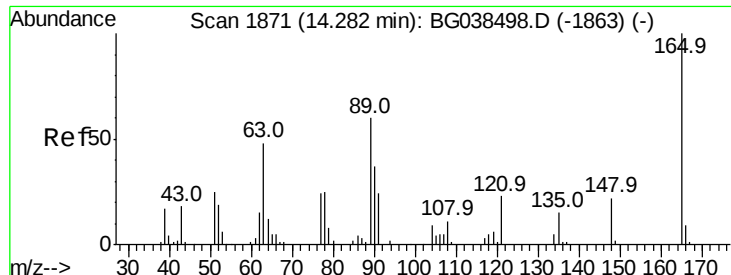
Delta R.T. -0.01 min

Lab File: BG038617.D

Acq: 15 Dec 2018 23:26

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.7	5.5
164	10.6	8.6	12.8





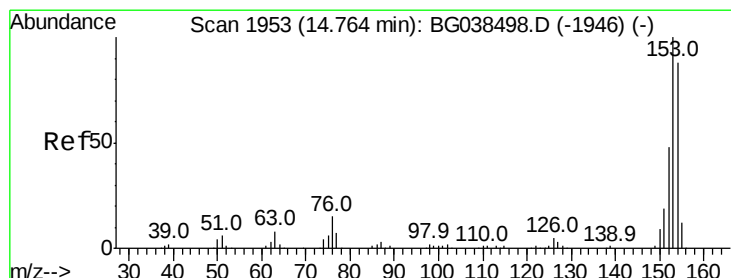
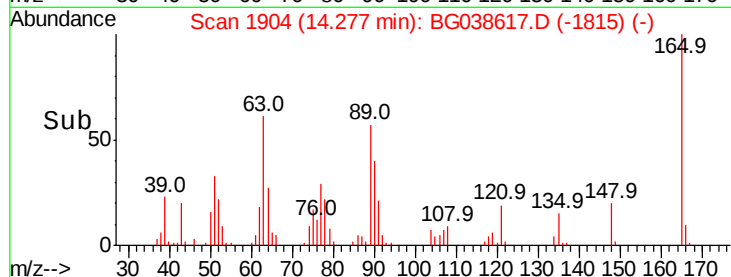
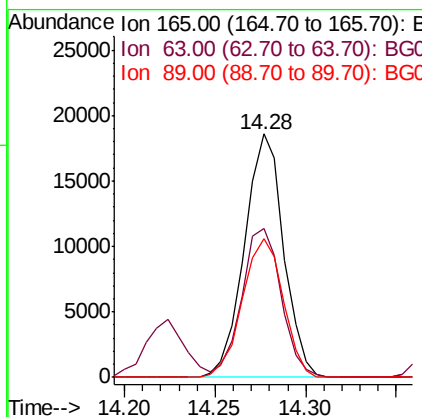
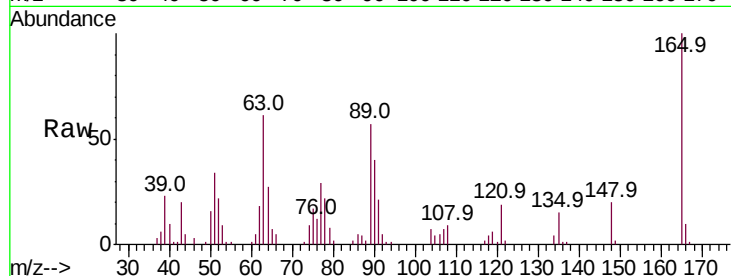
#51
 2,6-Dinitrotoluene
 Concen: 31.481 ng
 RT: 14.28 min Scan# 1904
 Delta R.T. -0.01 min
 Lab File: BG038617.D
 Acq: 15 Dec 2018 23:26

Instrument :
 BNA_G
 ClientSampleID :
 PB115697BS

Tot Ion:	165	Resp:	27875
Ion Ratio	Lower	Upper	
165	100		
63	61.2	51.8	77.6
89	56.8	47.9	71.9

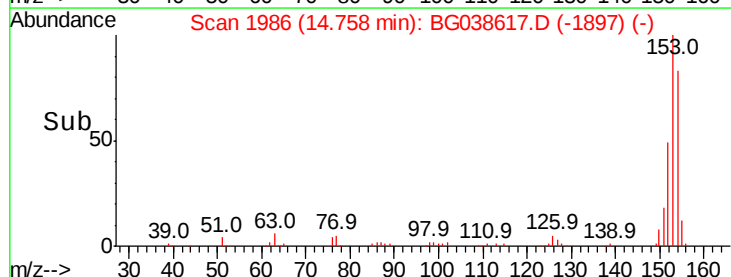
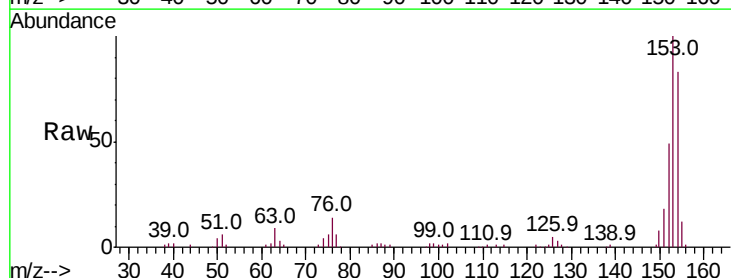
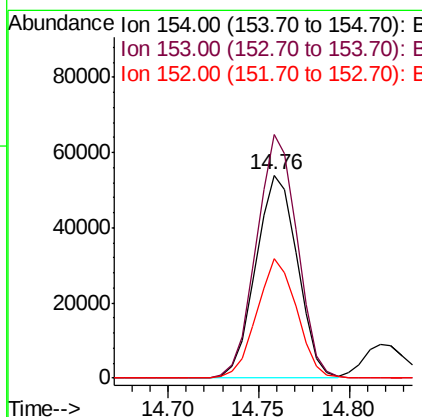
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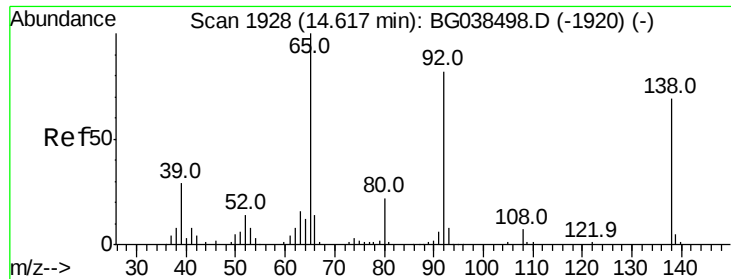
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#52
 Acenaphthene
 Concen: 31.126 ng
 RT: 14.76 min Scan# 1986
 Delta R.T. -0.01 min
 Lab File: BG038617.D
 Acq: 15 Dec 2018 23:26

Tgt Ion:	154	Resp:	86208
Ion Ratio	Lower	Upper	
154	100		
153	119.8	90.6	136.0
152	58.9	43.5	65.3





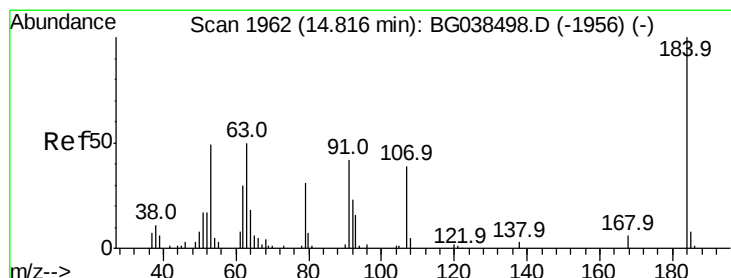
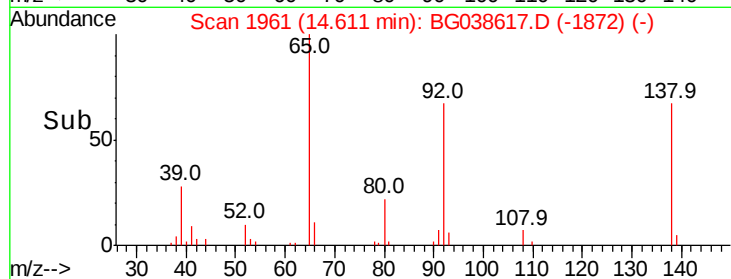
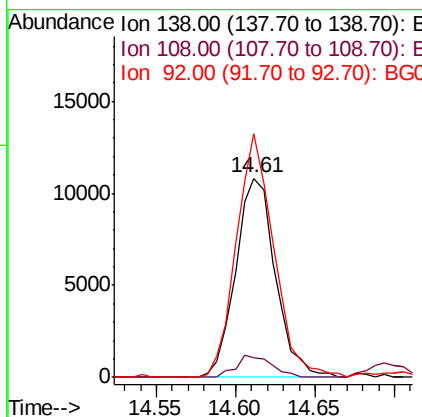
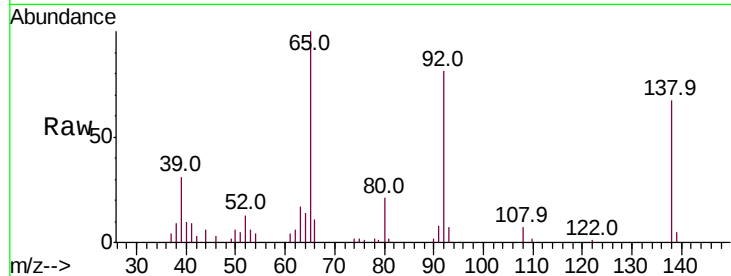
#53
3-Nitroaniline
Concen: 20.849 ng
RT: 14.61 min Scan# 1961
Delta R.T. -0.01 min
Lab File: BG038617.D
Acq: 15 Dec 2018 23:26

Instrument :
BNA_G
ClientSampleId :
PB115697BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.9	7.9	11.9
92	122.2	95.3	142.9

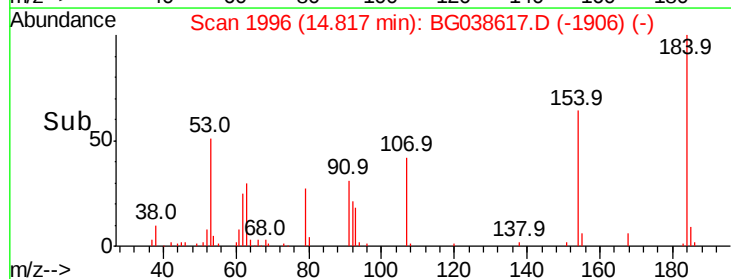
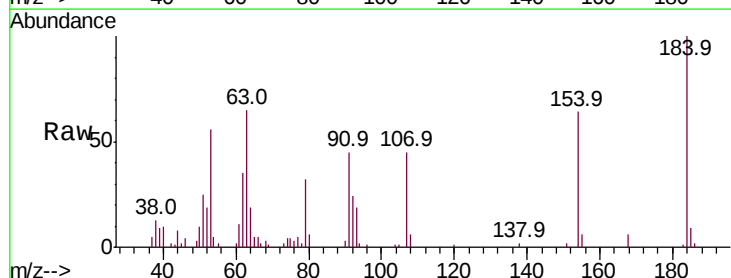
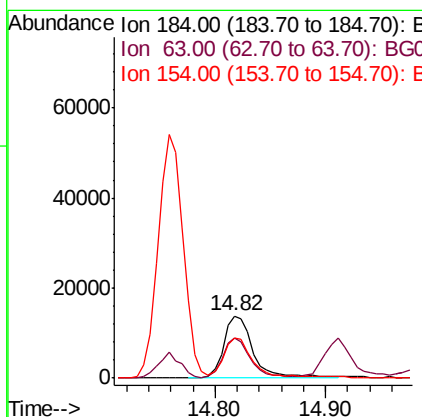
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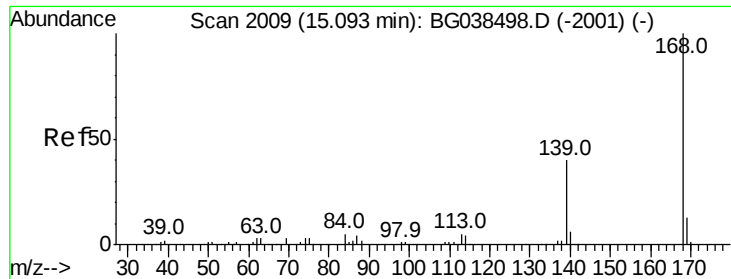
Sohil
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#54
2,4-Dinitrophenol
Concen: 50.851 ng
RT: 14.82 min Scan# 1996
Delta R.T. 0.00 min
Lab File: BG038617.D
Acq: 15 Dec 2018 23:26

Tgt Ion	Ratio	Lower	Upper
184	100		
63	65.0	47.0	70.6
154	64.0	50.3	75.5





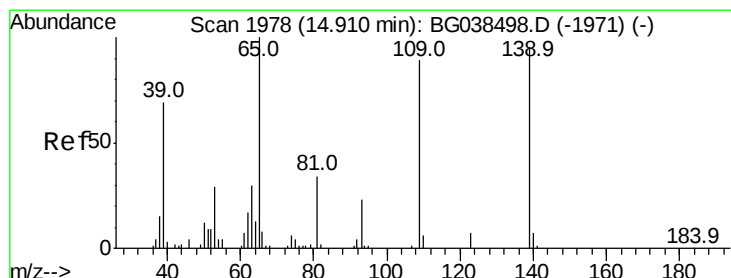
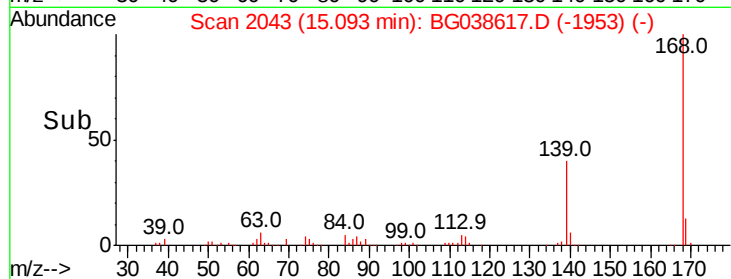
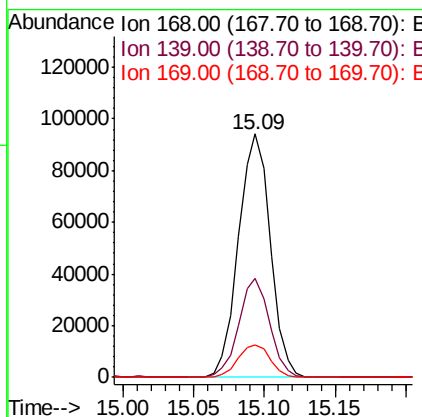
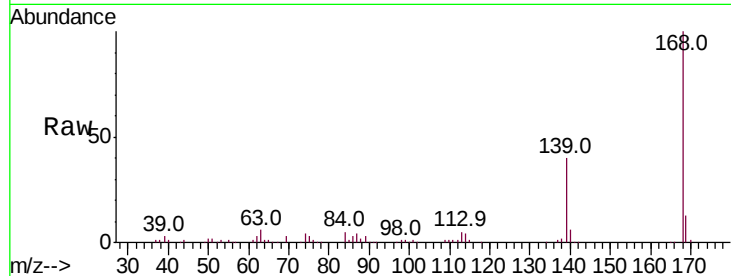
#55
Dibenzenofuran
Concen: 31.258 ng
RT: 15.09 min Scan# 2043
Delta R.T. 0.00 min
Lab File: BG038617.D
Acq: 15 Dec 2018 23:26

Instrument :
BNA_G
ClientSampleId :
PB115697BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.4	32.2	48.2
169	13.2	10.6	16.0

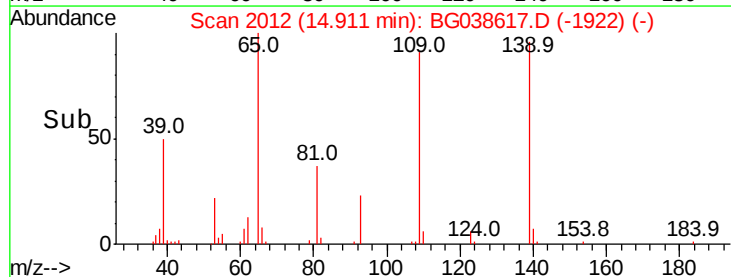
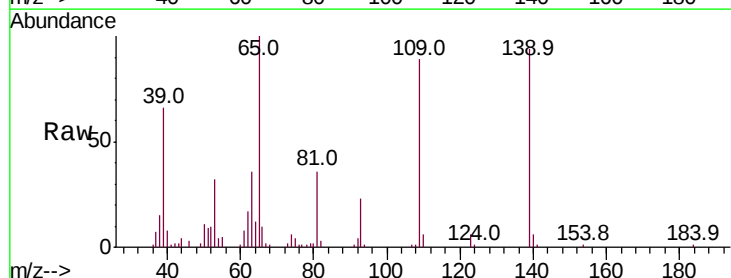
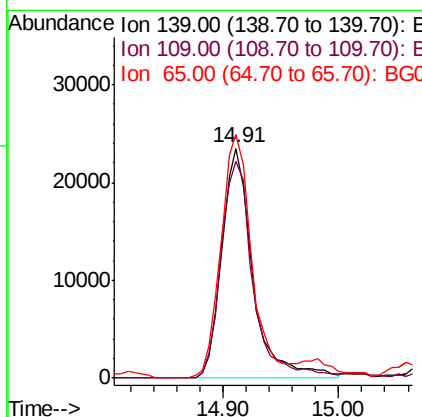
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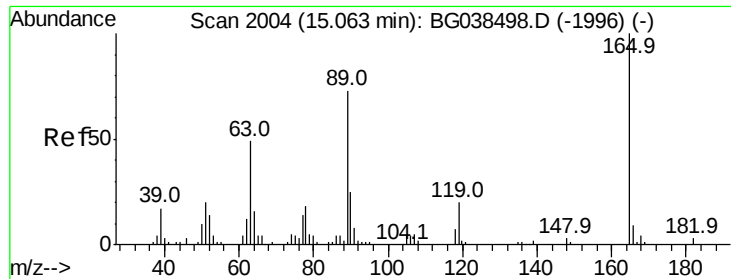
Sohil
12/16/2018 2:01:22 PM



#56
4-Nitrophenol
Concen: 64.015 ng
RT: 14.91 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BG038617.D
Acq: 15 Dec 2018 23:26

Tgt Ion	Ratio	Lower	Upper
139	100		
109	94.2	73.6	113.6
65	106.0	84.8	124.8





#57

2,4-Dinitrotoluene

Concen: 32.233 ng

RT: 15.06 min Scan# 2038

Delta R.T. 0.00 min

Lab File: BG038617.D

Acq: 15 Dec 2018 23:26

Instrument :

BNA_G

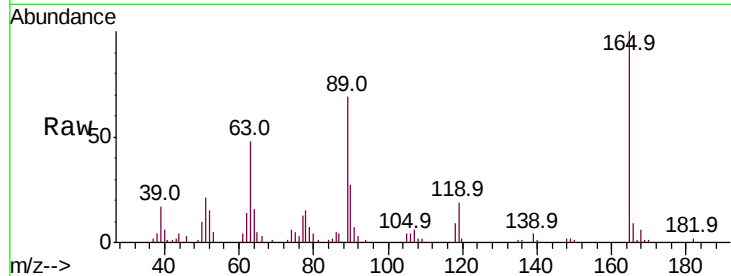
ClientSampleId :

PB115697BS

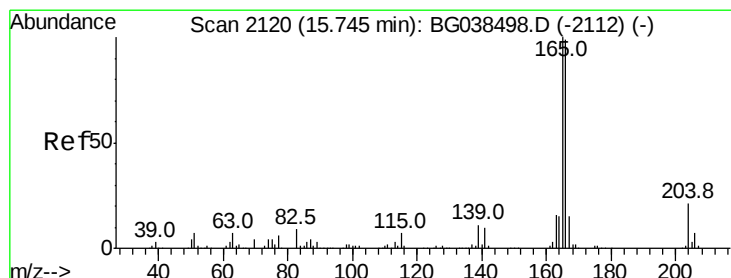
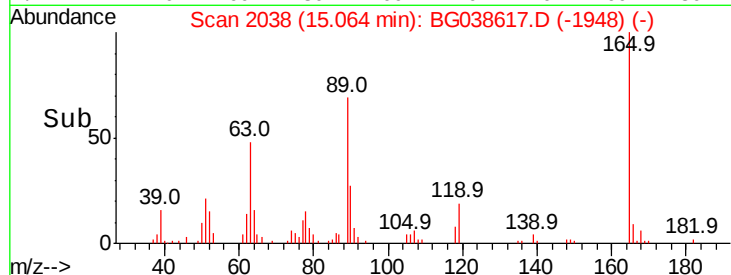
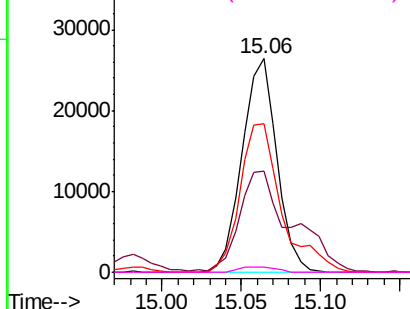
Tot Ion	Ratio	Lower	Upper
165	100		
63	47.5	39.0	58.4
89	69.4	58.0	87.0
182	2.4	2.3	3.5

Manual Integrations
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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: 33.516 ng

RT: 15.74 min Scan# 2153

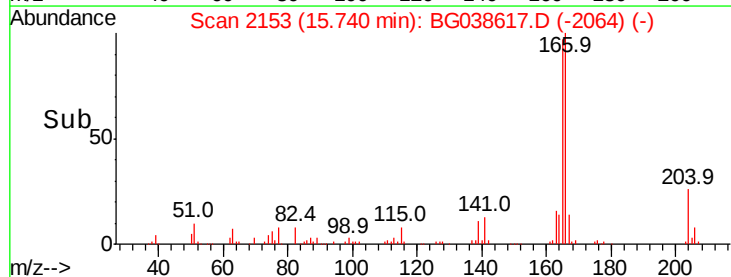
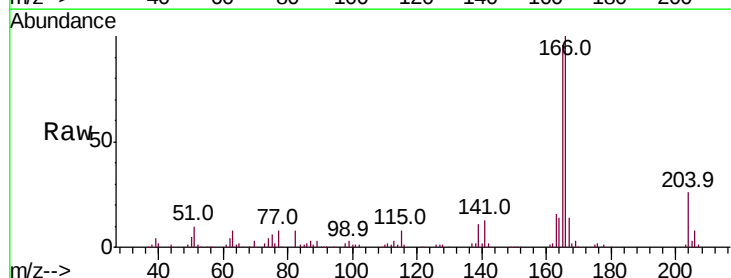
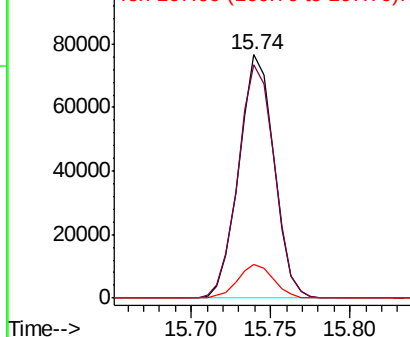
Delta R.T. -0.01 min

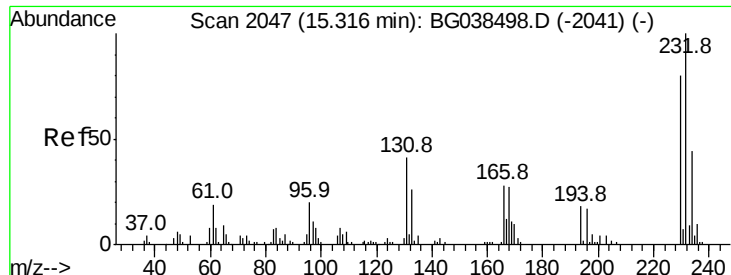
Lab File: BG038617.D

Acq: 15 Dec 2018 23:26

Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.7	80.6	120.8
167	13.9	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





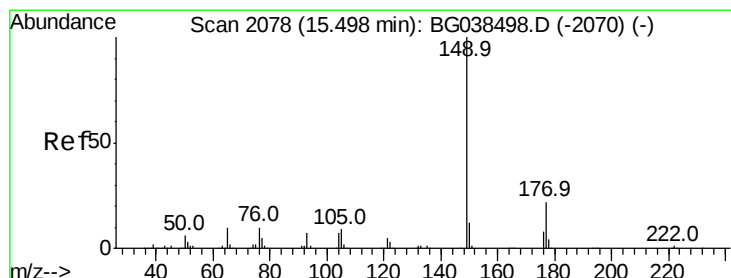
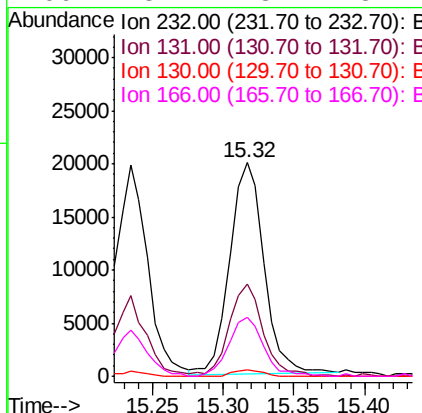
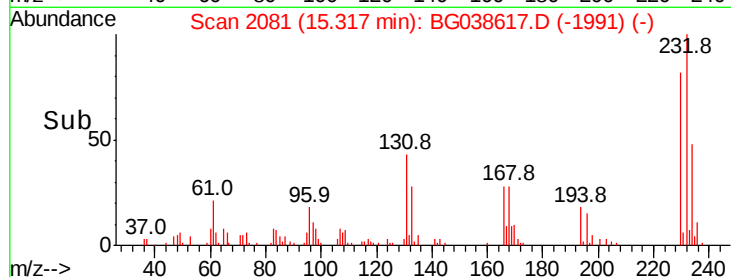
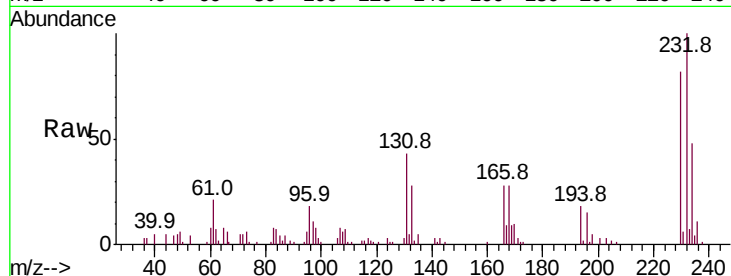
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 32.183 ng
 RT: 15.32 min Scan# 2081
 Delta R.T. 0.00 min
 Lab File: BG038617.D
 Acq: 15 Dec 2018 23:26

Instrument :
 BNA_G
 ClientSampleId :
 PB115697BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	33712		
131	41.1		33.0	49.4
130	2.5		2.0	3.0
166	28.4		23.1	34.7

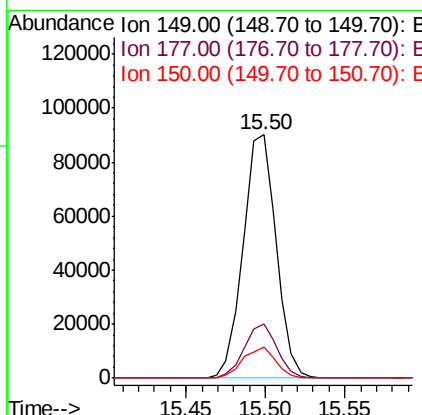
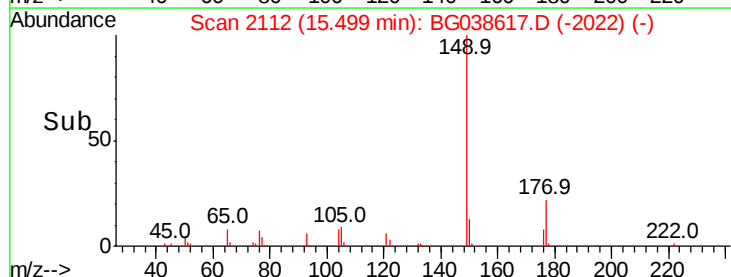
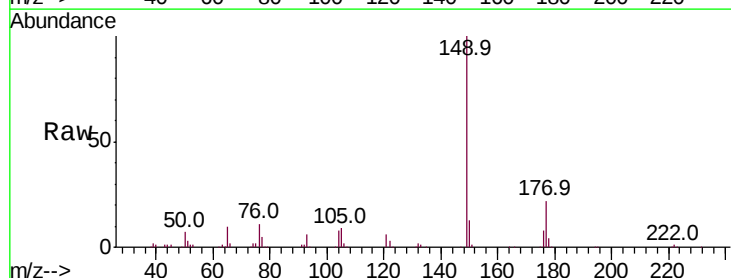
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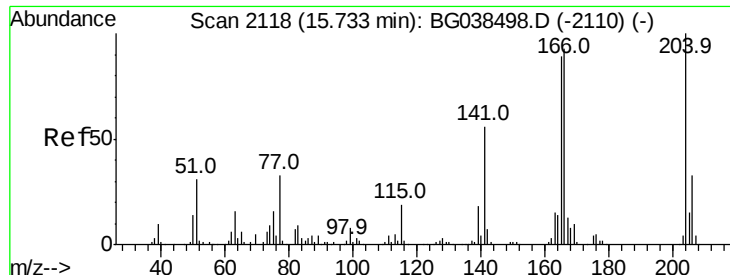
Sohil
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#60
 Diethylphthalate
 Concen: 30.340 ng
 RT: 15.50 min Scan# 2112
 Delta R.T. 0.00 min
 Lab File: BG038617.D
 Acq: 15 Dec 2018 23:26

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	130139		
177	22.3		17.7	26.5
150	12.7		9.9	14.9





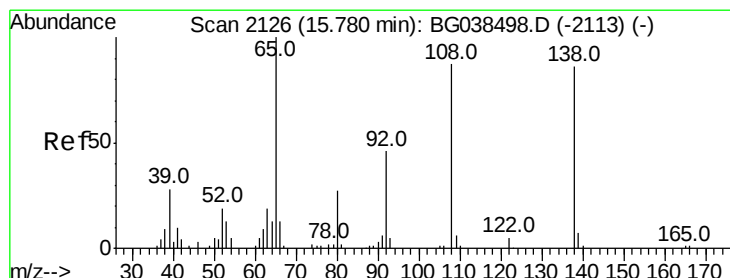
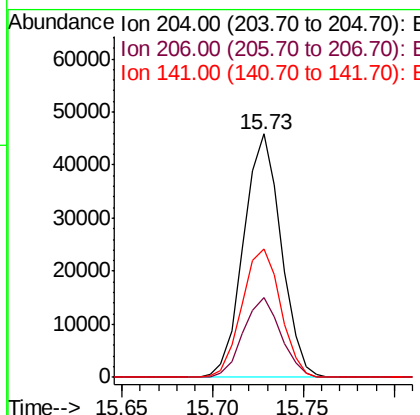
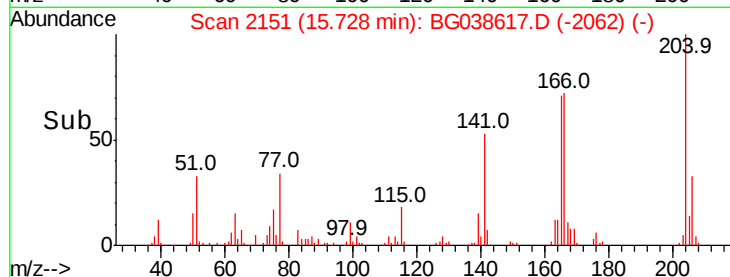
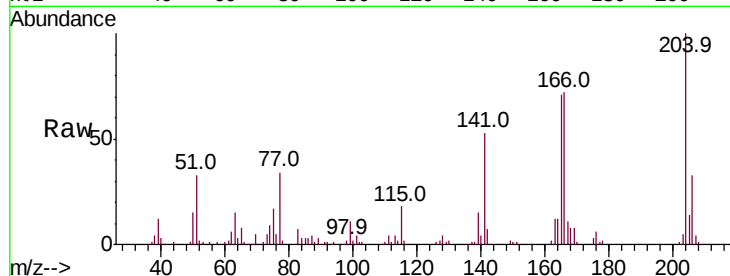
#61
 4-Chlorophenyl-phenylether
 Concen: 30.062 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.01 min
 Lab File: BG038617.D
 Acq: 15 Dec 2018 23:26

Instrument :
 BNA_G
 ClientSampleId :
 PB115697BS

Tot Ion:	204	Resp:	65975
Ion Ratio	Lower	Upper	
204	100		
206	32.8	26.0	39.0
141	52.5	44.4	66.6

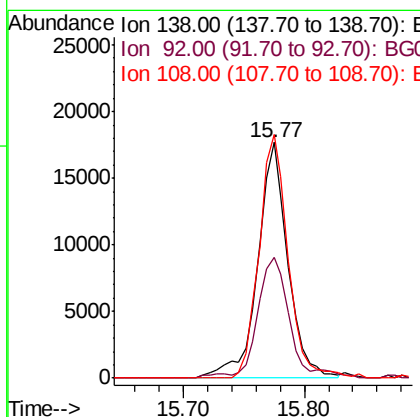
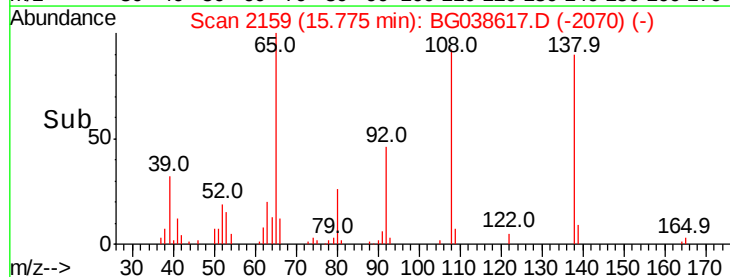
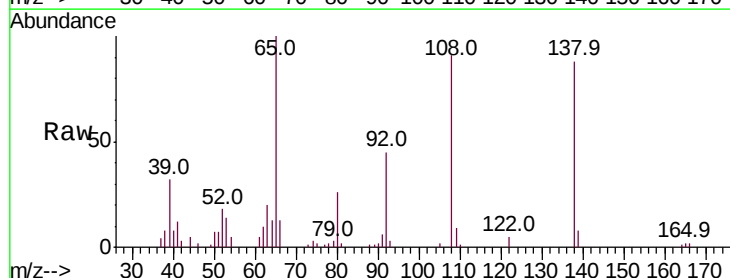
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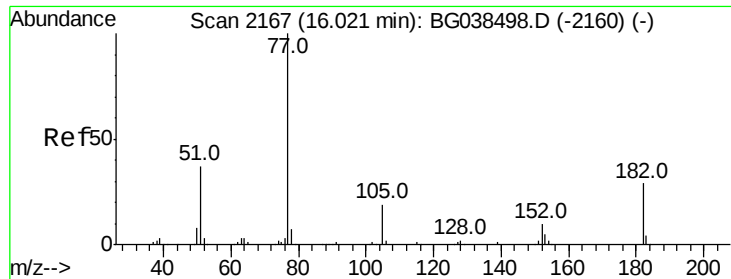
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#62
 4-Nitroaniline
 Concen: 32.738 ng
 RT: 15.77 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BG038617.D
 Acq: 15 Dec 2018 23:26

Tgt Ion:	138	Resp:	30422
Ion Ratio	Lower	Upper	
138	100		
92	51.4	33.3	73.3
108	103.4	81.4	121.4





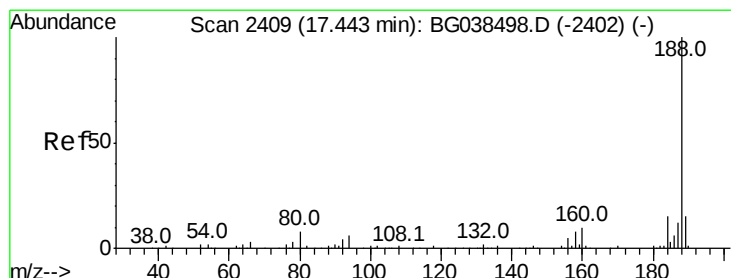
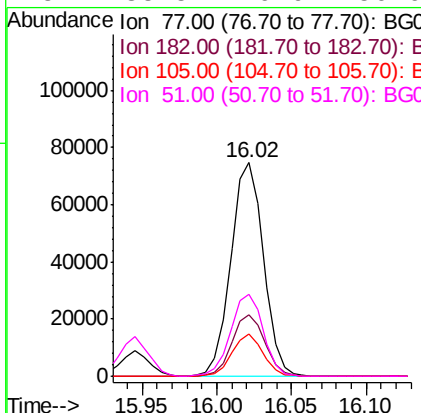
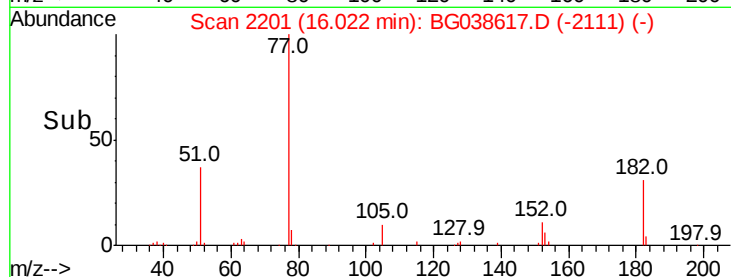
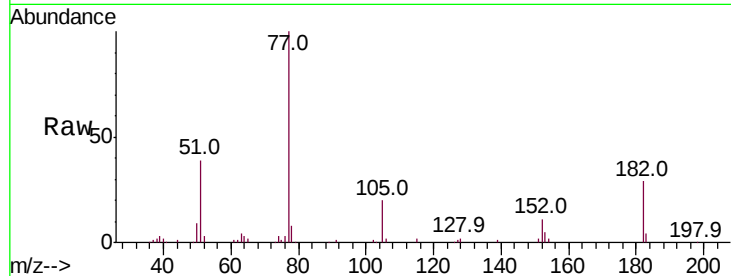
#63
Azobenzene
Concen: 31.797 ng
RT: 16.02 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BG038617.D
Acq: 15 Dec 2018 23:26

Instrument :
BNA_G
ClientSampleId :
PB115697BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.9	8.7	48.7
105	19.7	0.0	38.7
51	38.5	16.6	56.6

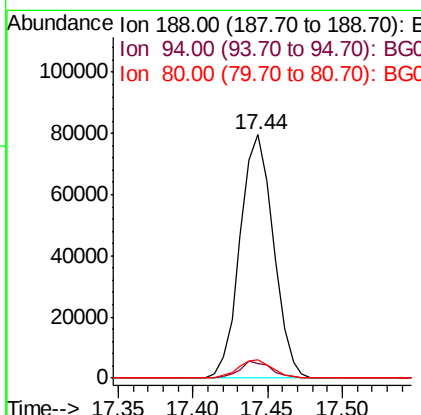
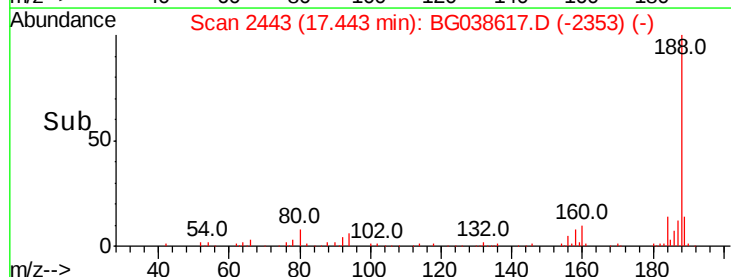
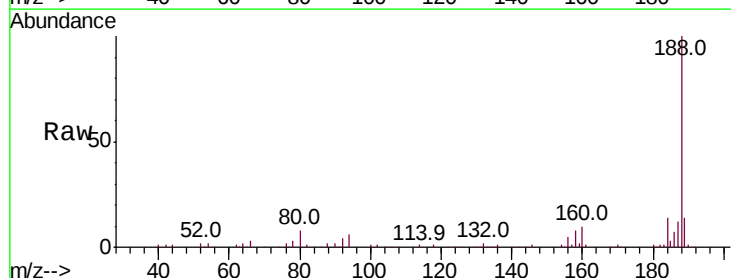
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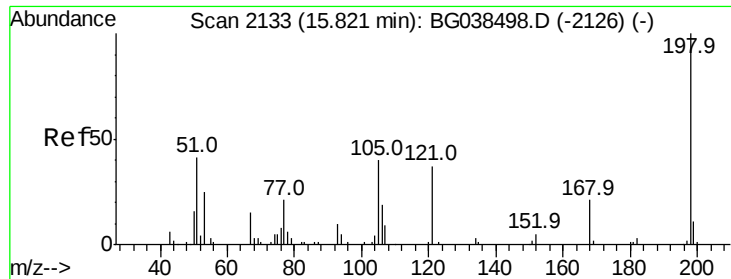
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. 0.00 min
Lab File: BG038617.D
Acq: 15 Dec 2018 23:26

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.0	5.1	7.7
80	7.6	6.1	9.1





#65

4,6-Dinitro-2-methylphenol

Concen: 27.971 ng

RT: 15.82 min Scan# 2167

Delta R.T. 0.00 min

Lab File: BG038617.D

Acq: 15 Dec 2018 23:26

Instrument :

BNA_G

ClientSampleId :

PB115697BS

Tot Ion:198 Resp: 24667

Ion Ratio Lower Upper

198 100

51 45.1 28.6 68.6

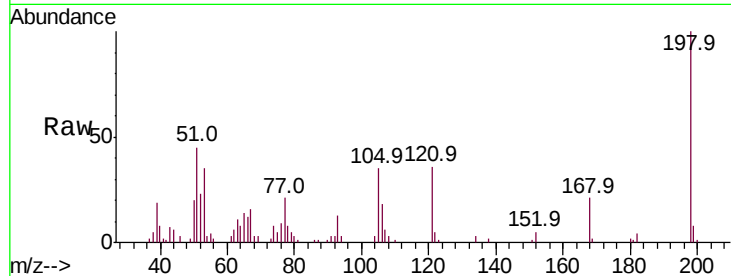
105 35.0 20.4 60.4

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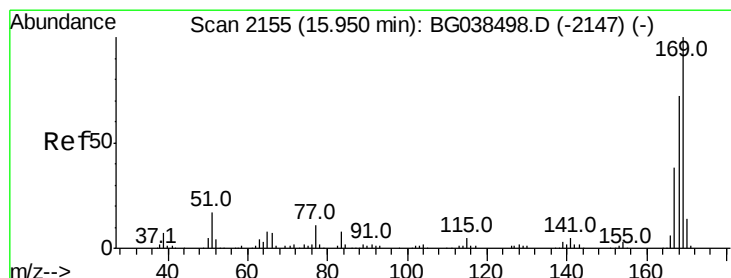
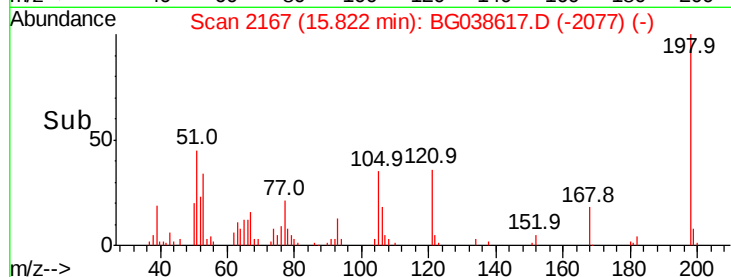
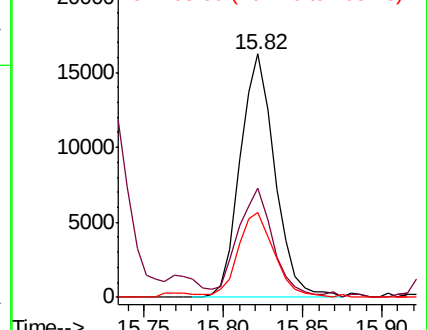
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 29.647 ng

RT: 15.95 min Scan# 2188

Delta R.T. -0.01 min

Lab File: BG038617.D

Acq: 15 Dec 2018 23:26

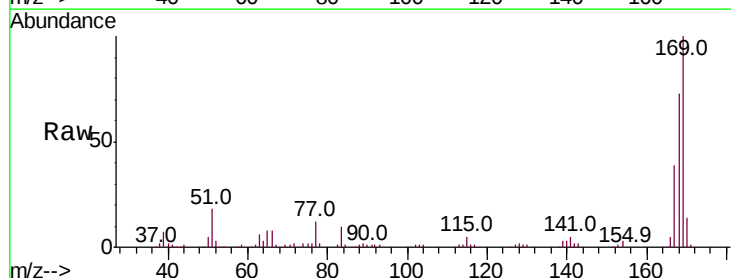
Tgt Ion:169 Resp: 107691

Ion Ratio Lower Upper

169 100

168 72.5 57.5 86.3

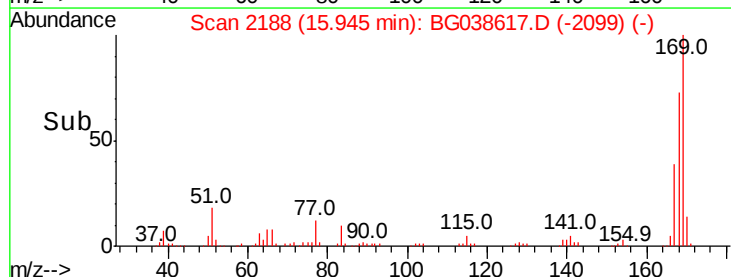
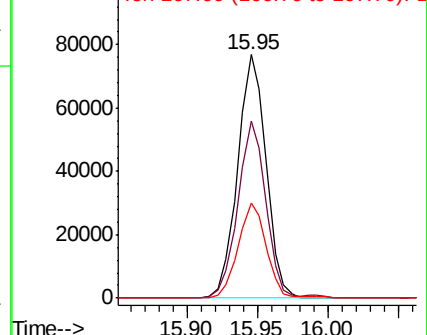
167 39.1 30.2 45.2

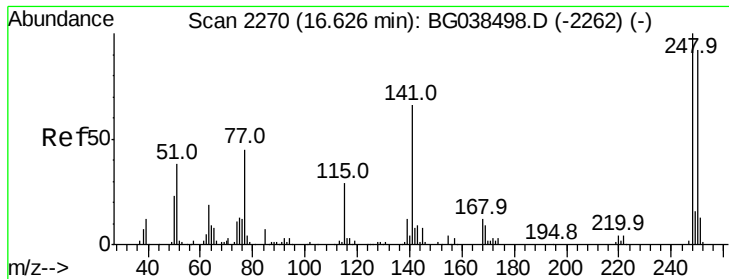


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 28.921 ng

RT: 16.62 min Scan# 2303

Delta R.T. -0.01 min

Lab File: BG038617.D

Acq: 15 Dec 2018 23:26

Instrument :

BNA_G

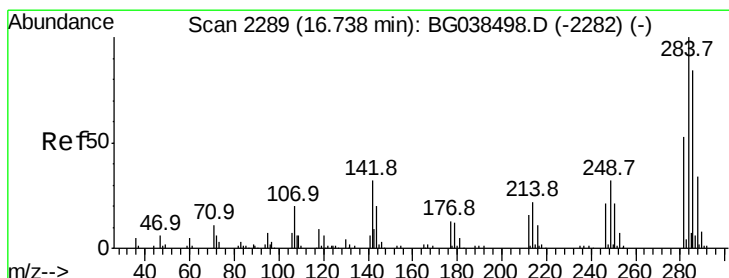
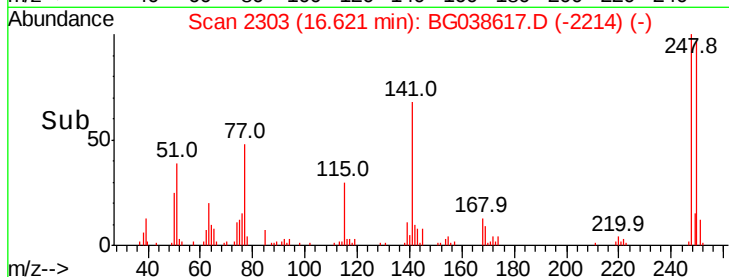
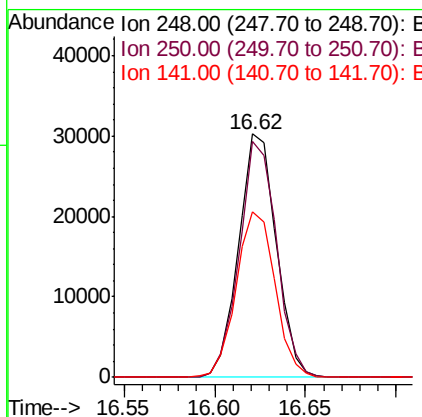
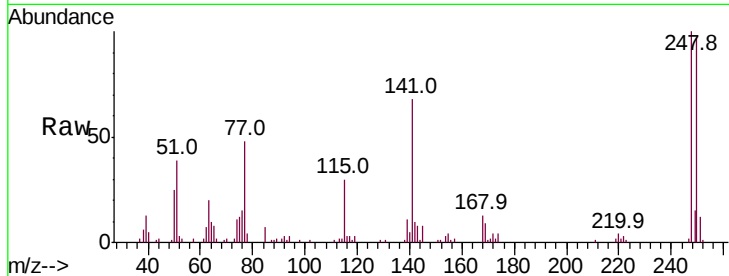
ClientSampleId :

PB115697BS

Tot Ion:	248	Resp:	43665
Ion Ratio	Lower	Upper	
248	100		
250	96.8	73.4	110.2
141	67.8	52.9	79.3

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#68

Hexachlorobenzene

Concen: 28.959 ng

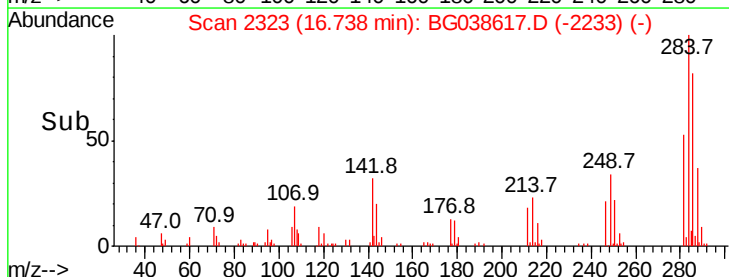
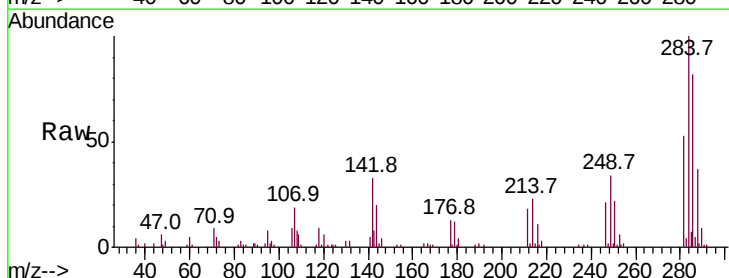
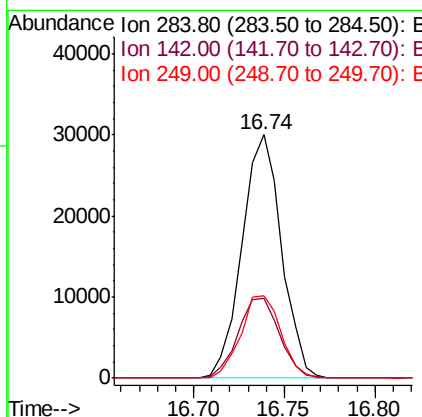
RT: 16.74 min Scan# 2323

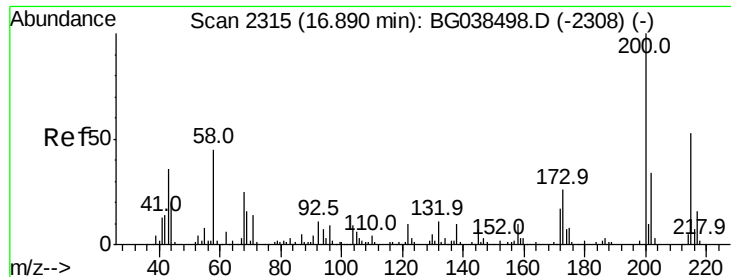
Delta R.T. 0.00 min

Lab File: BG038617.D

Acq: 15 Dec 2018 23:26

Tgt Ion:	284	Resp:	45324
Ion Ratio	Lower	Upper	
284	100		
142	33.0	25.8	38.6
249	35.6	27.0	40.4





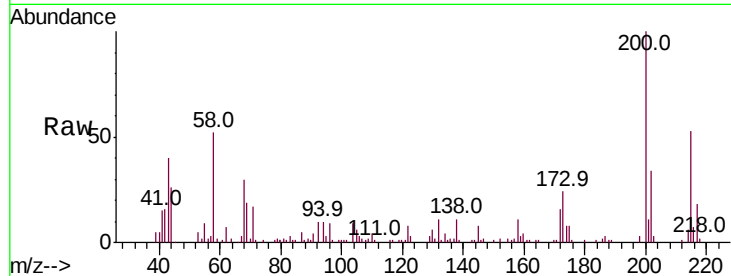
#69
Atrazine
Concen: 33.671 ng
RT: 16.89 min Scan# 2348
Delta R.T. -0.01 min
Lab File: BG038617.D
Acq: 15 Dec 2018 23:26

Instrument :
BNA_G
ClientSampleId :
PB115697BS

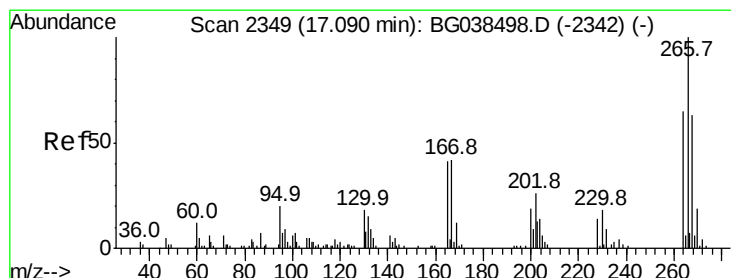
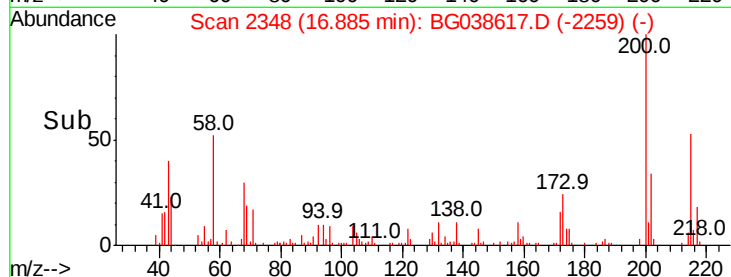
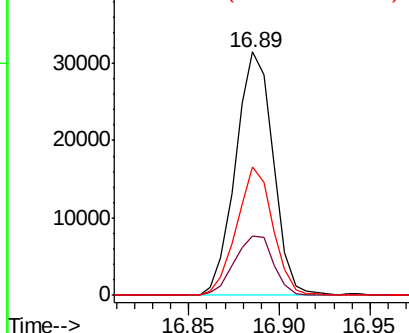
Tot Ion	Ratio	Lower	Upper
200	100		
173	24.2	5.9	45.9
215	52.7	33.1	73.1

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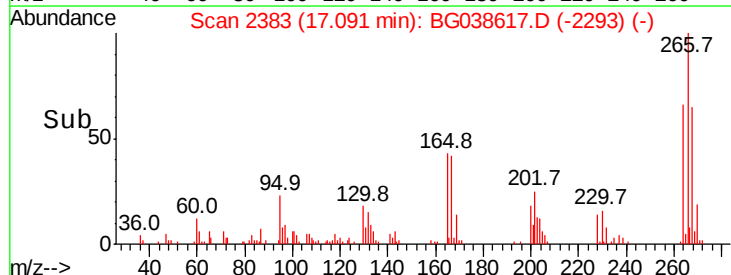
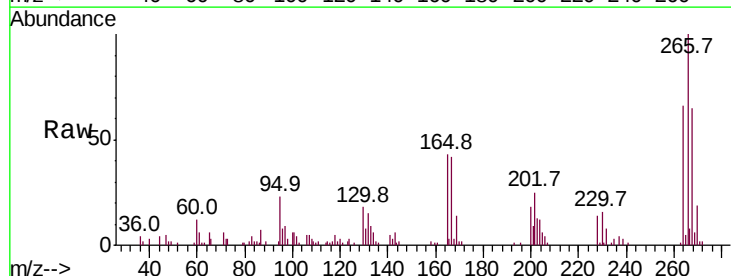
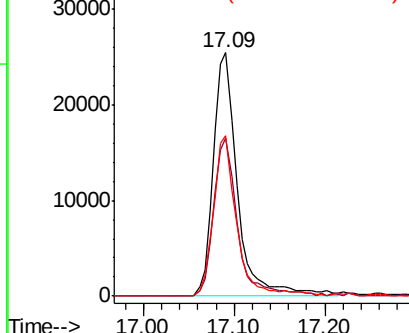
Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

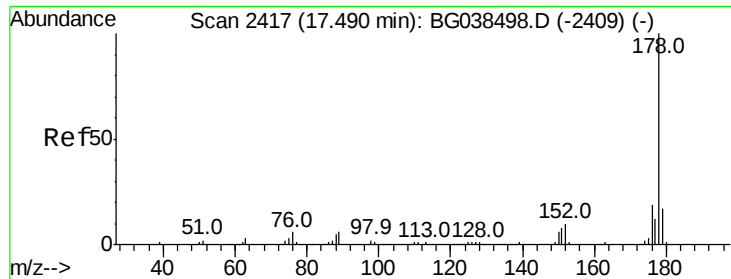


#70
Pentachlorophenol
Concen: 50.941 ng
RT: 17.09 min Scan# 2383
Delta R.T. 0.00 min
Lab File: BG038617.D
Acq: 15 Dec 2018 23:26

Tgt Ion	Ratio	Lower	Upper
266	100		
268	70.7	55.0	82.6
264	71.0	56.7	85.1

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





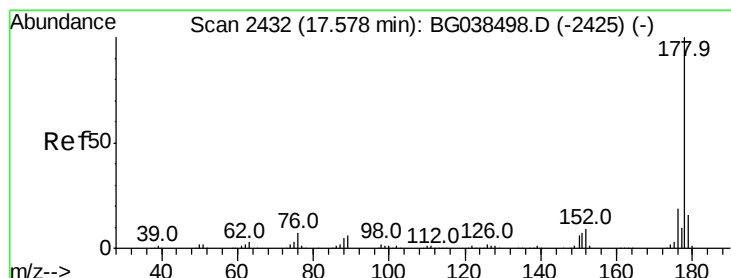
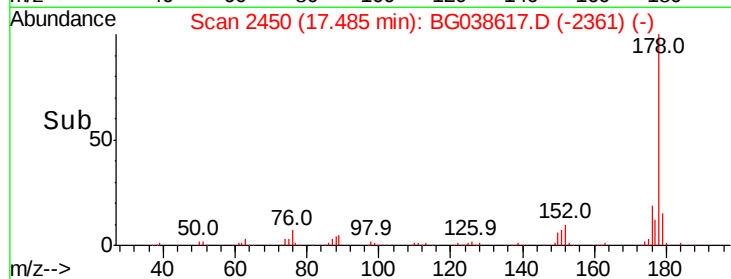
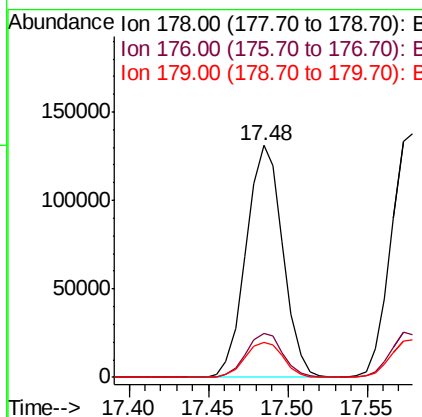
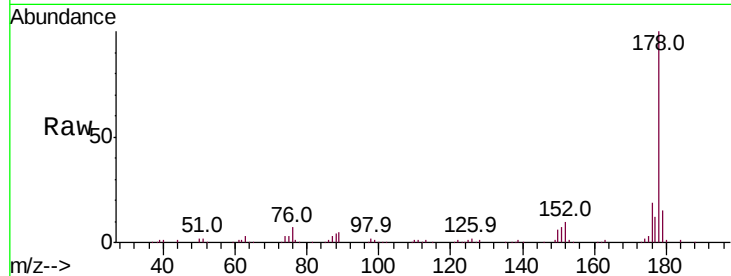
#71
 Phenanthrene
 Concen: 32.766 ng
 RT: 17.48 min Scan# 2450
 Delta R.T. -0.01 min
 Lab File: BG038617.D
 Acq: 15 Dec 2018 23:26

Instrument :
 BNA_G
 ClientSampleId :
 PB115697BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.1	22.7
179	15.3	13.2	19.8

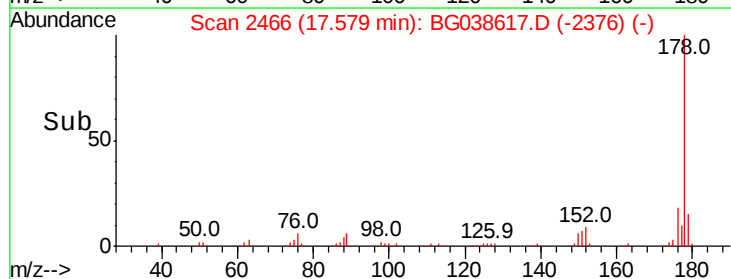
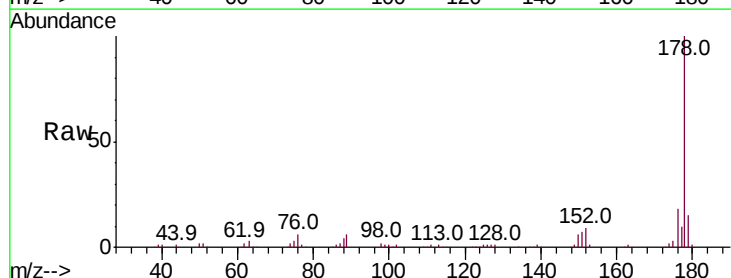
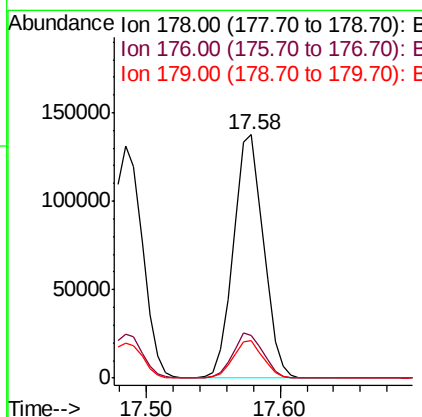
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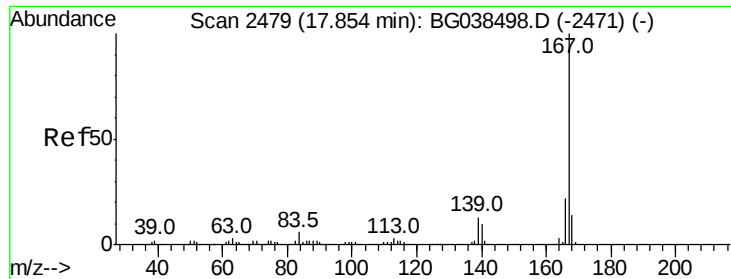
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#72
 Anthracene
 Concen: 34.049 ng
 RT: 17.58 min Scan# 2466
 Delta R.T. 0.00 min
 Lab File: BG038617.D
 Acq: 15 Dec 2018 23:26

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.6	15.1	22.7
179	15.3	12.9	19.3





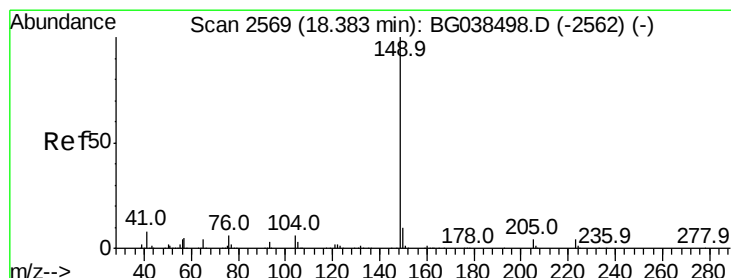
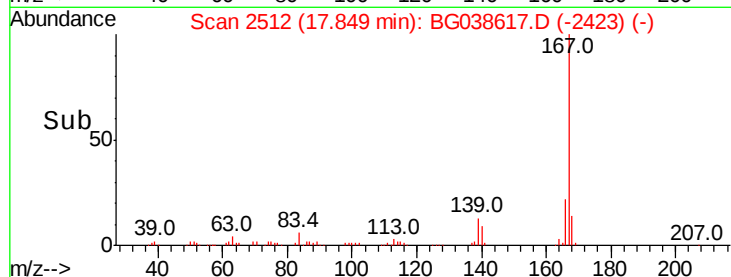
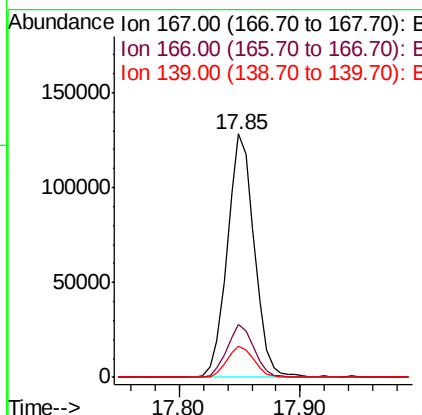
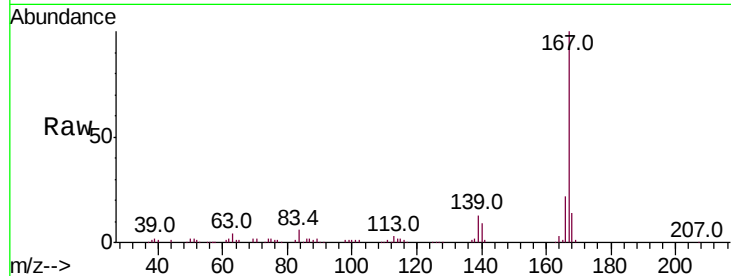
#73
 Carbazole
 Concen: 31.757 ng
 RT: 17.85 min Scan# 2512
 Delta R.T. -0.01 min
 Lab File: BG038617.D
 Acq: 15 Dec 2018 23:26

Instrument :
 BNA_G
 ClientSampleId :
 PB115697BS

Tot Ion:167	Resp:	198767
Ion Ratio	Lower	Upper
167 100		
166 22.0	17.9	26.9
139 13.0	10.2	15.2

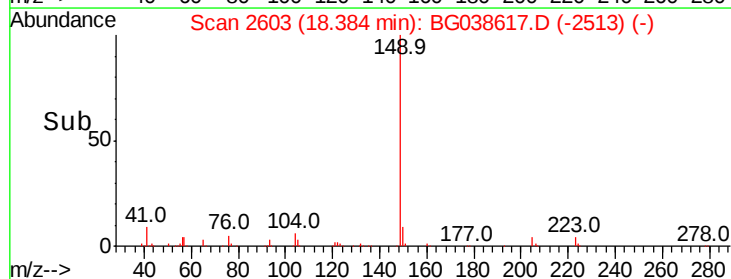
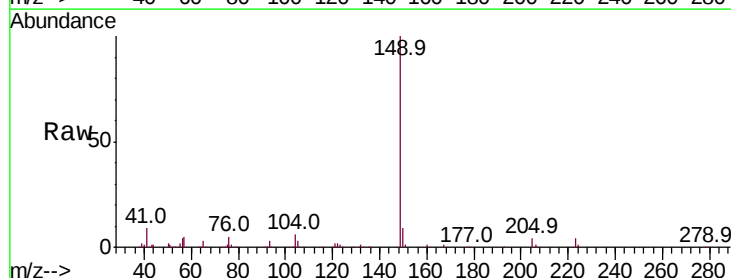
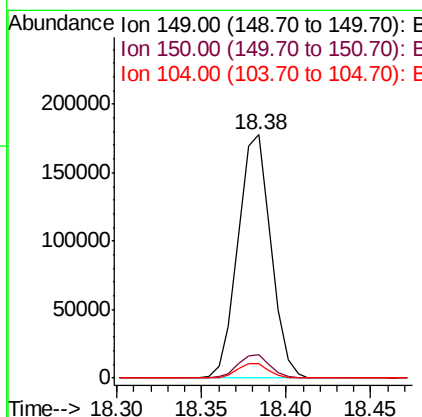
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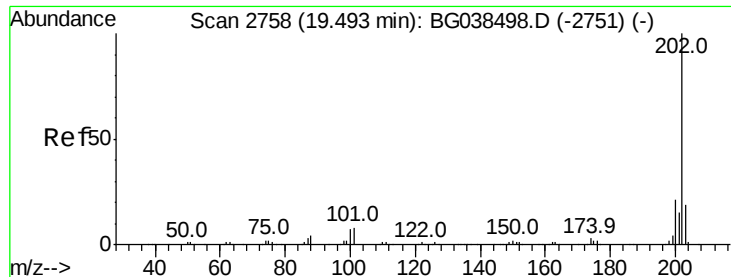
Sohil
 12/16/2018 2:01:22 PM



#74
 Di-n-butylphthalate
 Concen: 33.662 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. 0.00 min
 Lab File: BG038617.D
 Acq: 15 Dec 2018 23:26

Tgt Ion:149	Resp:	241760
Ion Ratio	Lower	Upper
149 100		
150 9.4	7.6	11.4
104 5.8	5.0	7.4





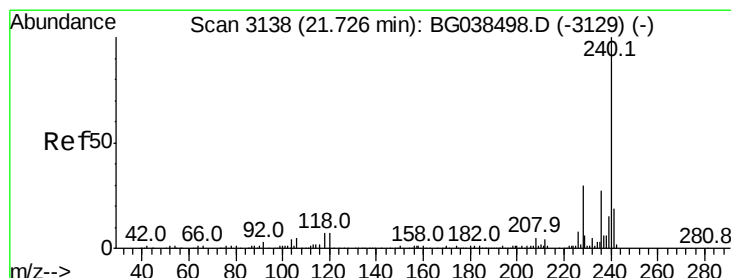
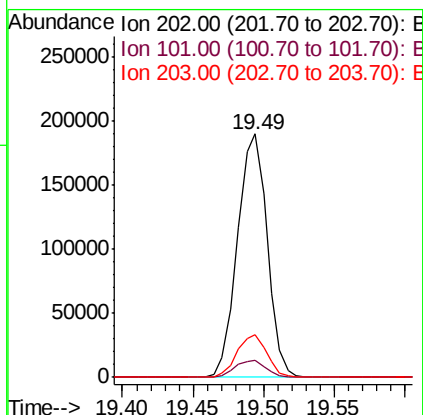
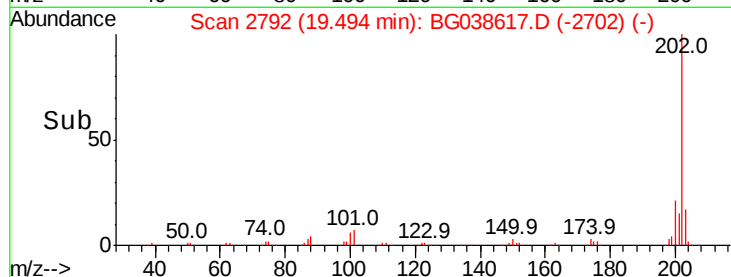
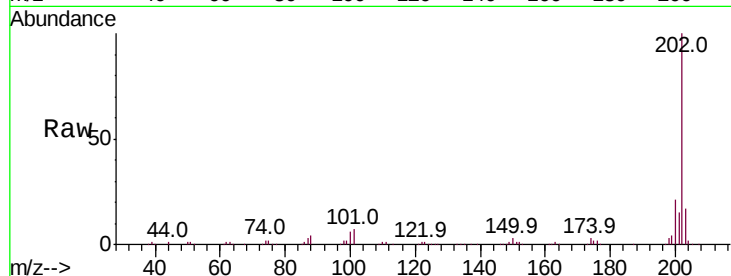
#75
 Fluoranthene
 Concen: 35.329 ng
 RT: 19.49 min Scan# 2792
 Delta R.T. 0.00 min
 Lab File: BG038617.D
 Acq: 15 Dec 2018 23:26

Instrument :
 BNA_G
 ClientSampleId :
 PB115697BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	7.1	0.0	28.1
203	17.4	0.0	39.0

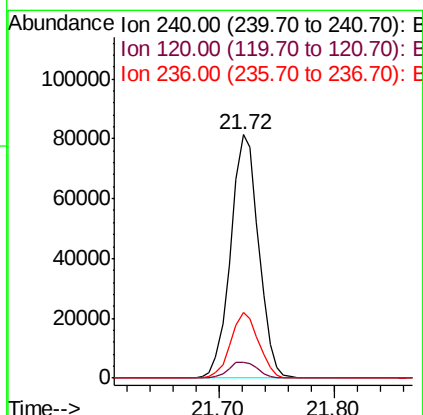
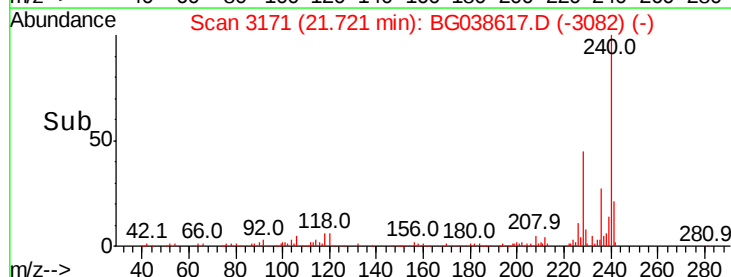
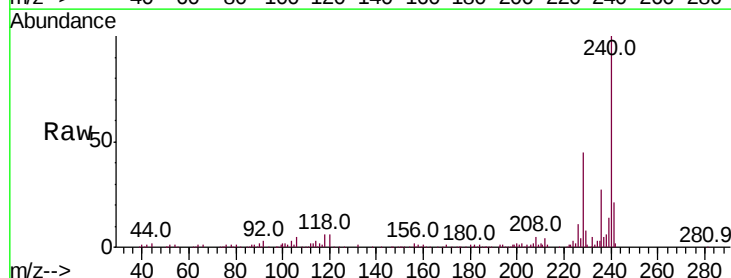
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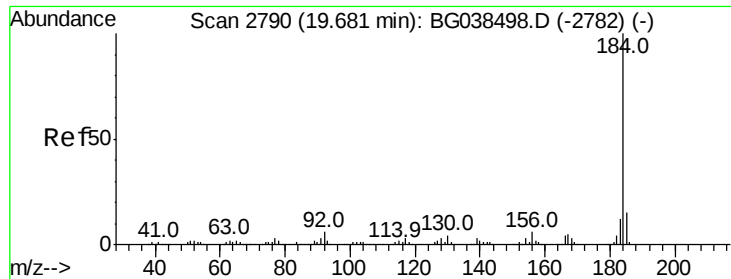
Sohil
 12/16/2018 2:01:22 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3171
 Delta R.T. -0.01 min
 Lab File: BG038617.D
 Acq: 15 Dec 2018 23:26

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	6.3	5.3	7.9
236	26.9	21.4	32.2





#77

Benzidine

Concen: 28.647 ng

RT: 19.68 min Scan# 2823

Delta R.T. -0.01 min

Lab File: BG038617.D

Acq: 15 Dec 2018 23:26

Instrument :

BNA_G

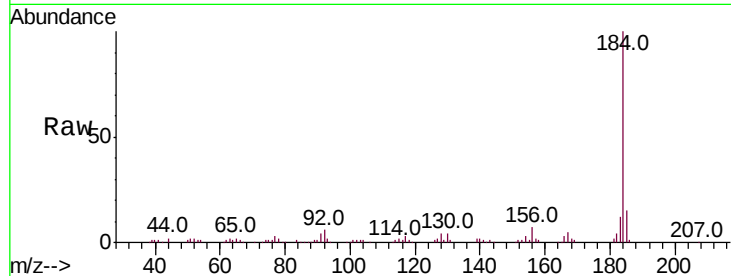
ClientSampleId :

PB115697BS

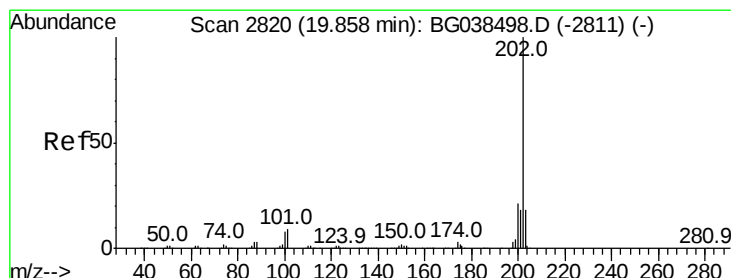
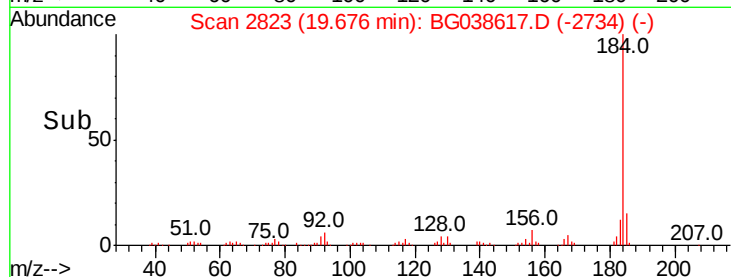
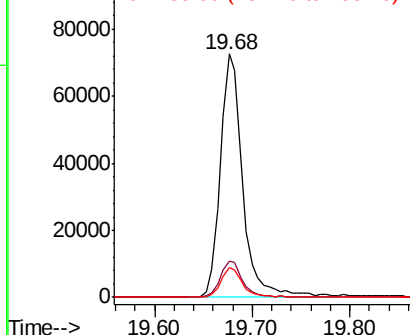
Tot Ion:	184	Resp:	115836
Ion Ratio	Lower	Upper	
184	100		
185	15.0	12.2	18.2
183	12.2	9.6	14.4

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



#78

Pyrene

Concen: 31.194 ng

RT: 19.86 min Scan# 2854

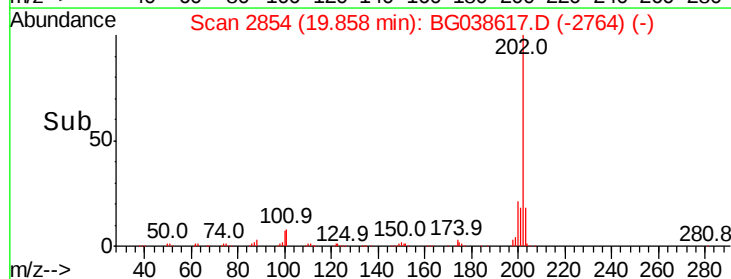
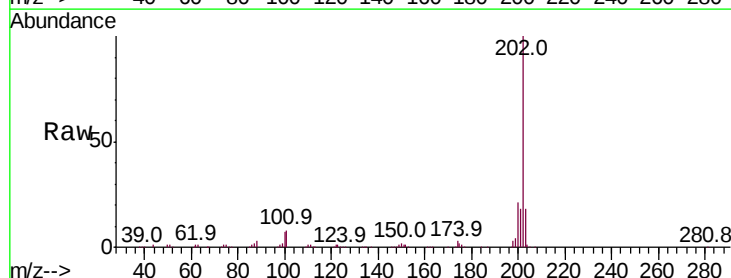
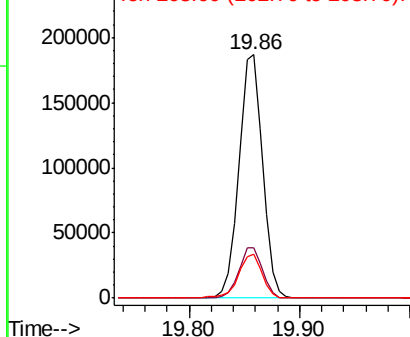
Delta R.T. 0.00 min

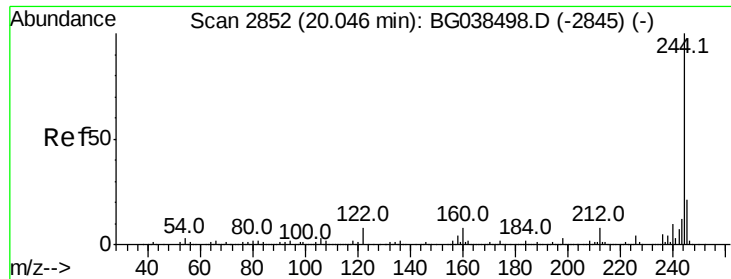
Lab File: BG038617.D

Acq: 15 Dec 2018 23:26

Tgt Ion:	202	Resp:	281766
Ion Ratio	Lower	Upper	
202	100		
200	20.8	16.6	25.0
203	18.2	14.6	21.8

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





#79

Terphenyl-d14

Concen: 70.730 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.00 min

Lab File: BG038617.D

Acq: 15 Dec 2018 23:26

Instrument :

BNA_G

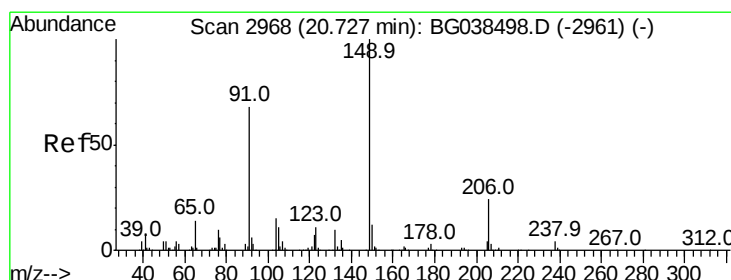
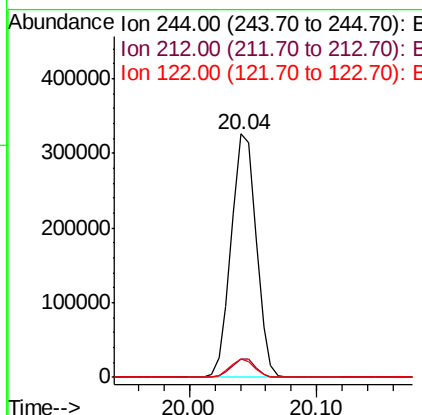
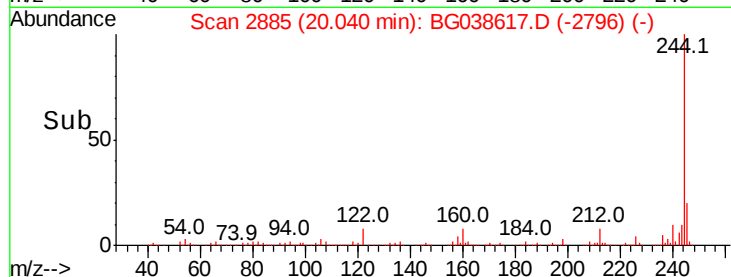
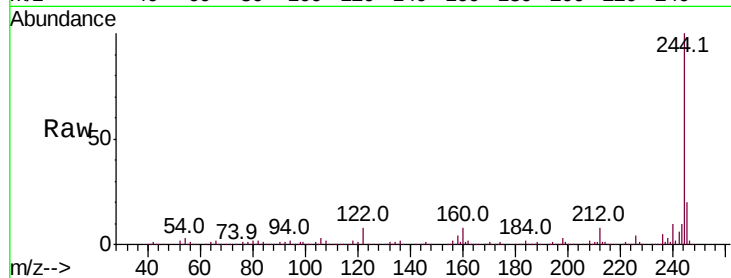
ClientSampleId :

PB115697BS

Tot Ion:	244	Resp:	444365
Ion Ratio	Lower	Upper	
244	100		
212	7.7	6.2	9.2
122	7.6	6.3	9.5

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#80

Butylbenzylphthalate

Concen: 32.020 ng

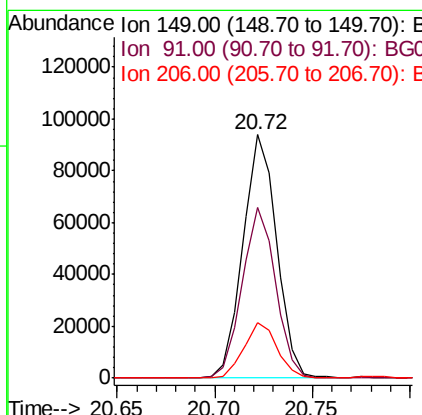
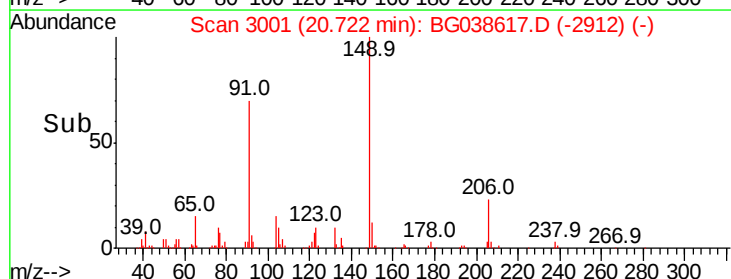
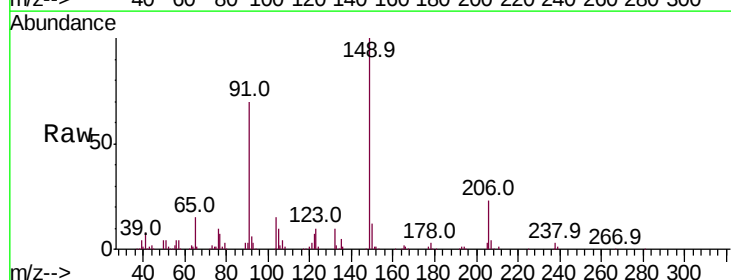
RT: 20.72 min Scan# 3001

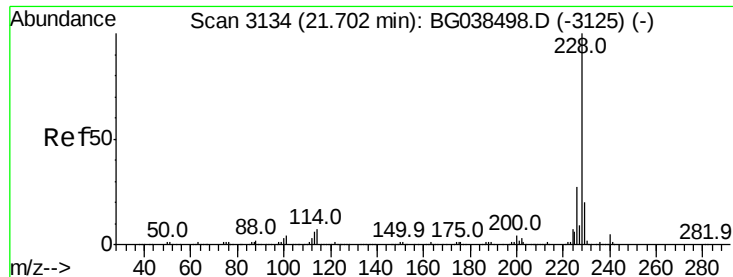
Delta R.T. -0.01 min

Lab File: BG038617.D

Acq: 15 Dec 2018 23:26

Tgt Ion:	149	Resp:	112998
Ion Ratio	Lower	Upper	
149	100		
91	69.9	54.5	81.7
206	22.5	19.0	28.6





#81

Benzo(a)anthracene

Concen: 33.940 ng

RT: 21.70 min Scan# 3168

Delta R.T. 0.00 min

Lab File: BG038617.D

Acq: 15 Dec 2018 23:26

Instrument :

BNA_G

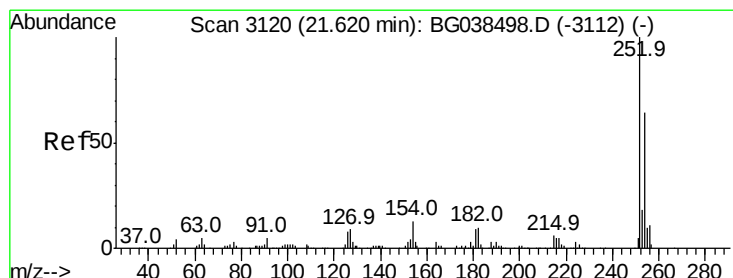
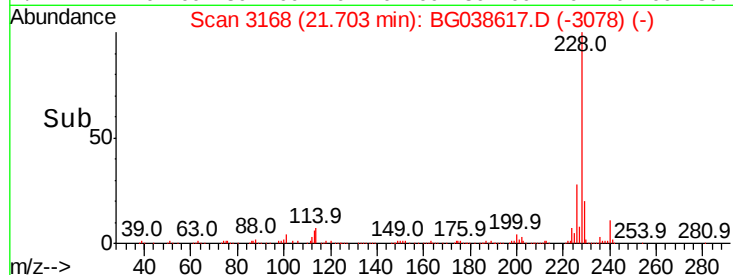
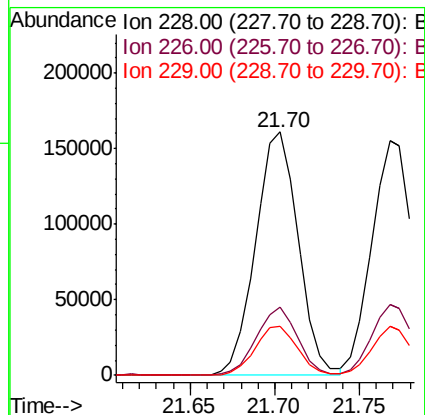
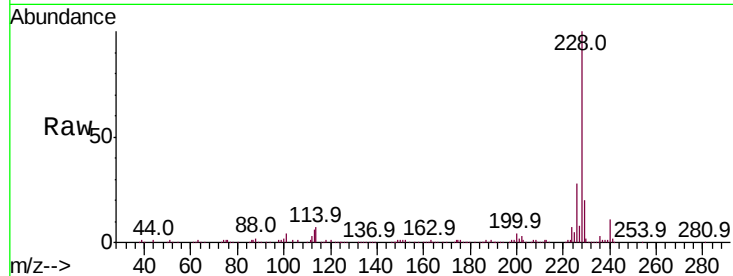
ClientSampleId :

PB115697BS

Tot Ion:	228	Resp:	282771
Ion Ratio	Lower	Upper	
228	100		
226	28.1	21.8	32.8
229	20.3	15.8	23.6

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#82

3,3'-Dichlorobenzidine

Concen: 20.274 ng

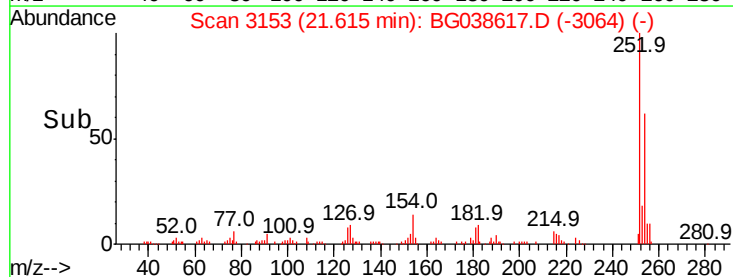
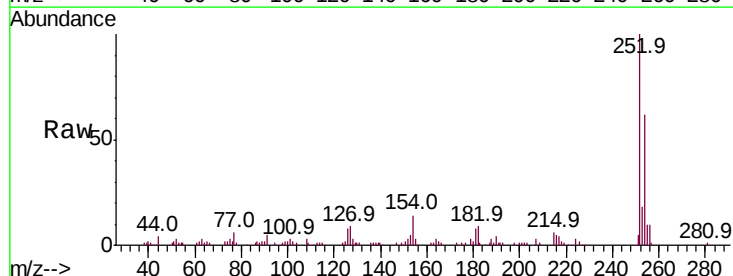
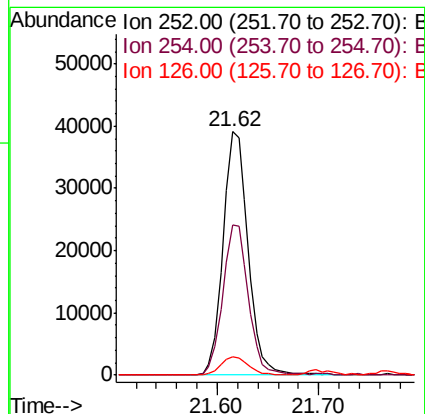
RT: 21.62 min Scan# 3153

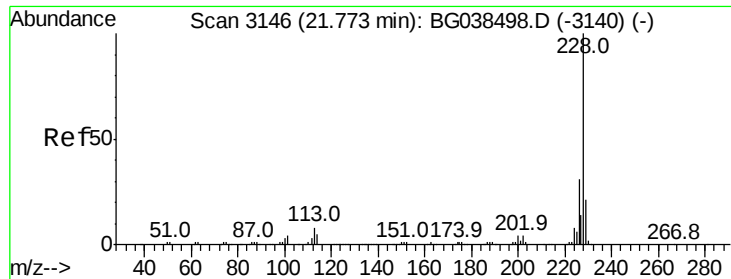
Delta R.T. -0.01 min

Lab File: BG038617.D

Acq: 15 Dec 2018 23:26

Tgt Ion:	252	Resp:	66993
Ion Ratio	Lower	Upper	
252	100		
254	61.9	50.9	76.3
126	7.7	6.3	9.5





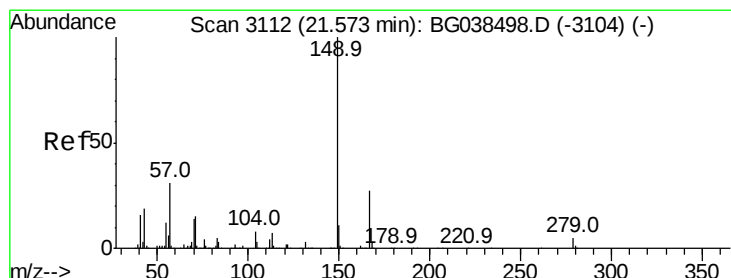
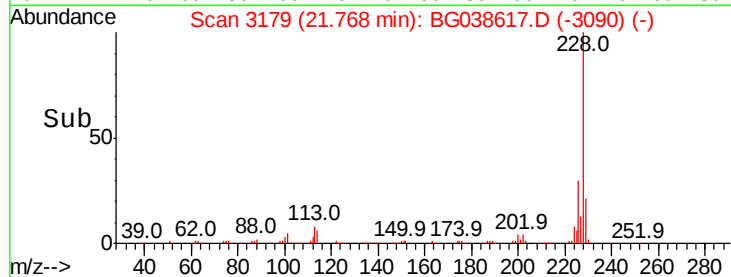
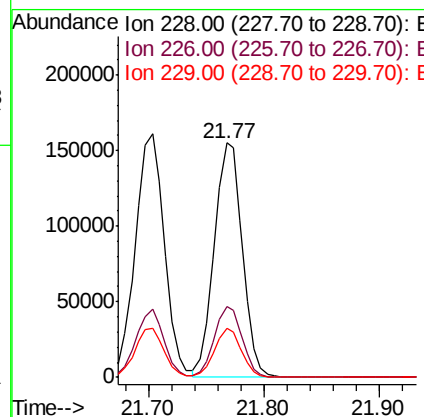
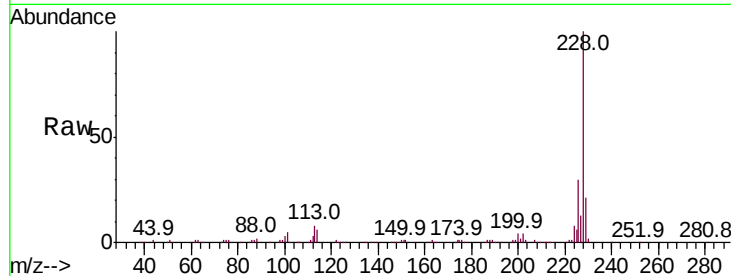
#83
 Chrvsene
 Concen: 32.508 ng
 RT: 21.77 min Scan# 3179
 Delta R.T. -0.01 min
 Lab File: BG038617.D
 Acq: 15 Dec 2018 23:26

Instrument :
 BNA_G
 ClientSampleId :
 PB115697BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.4
229	21.0	16.5	24.7

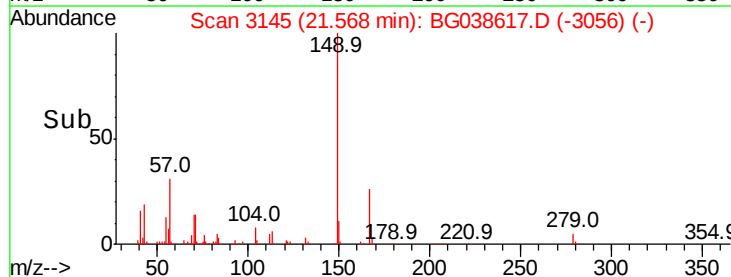
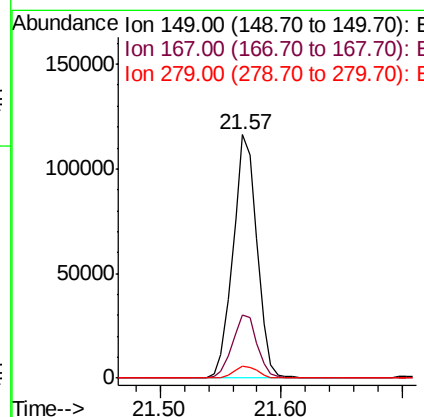
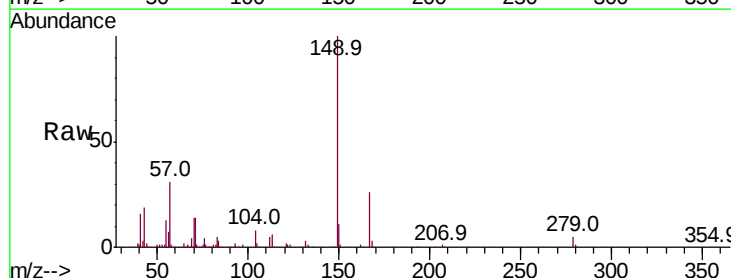
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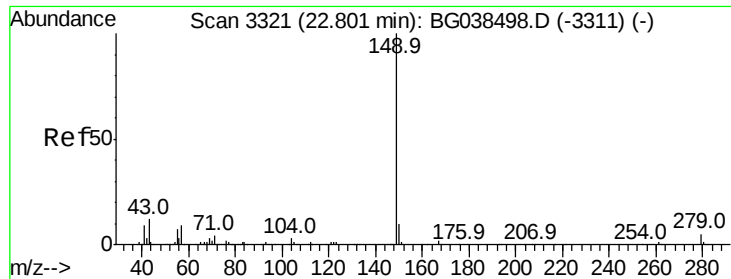
Sohil
 12/16/2018 2:01:22 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 31.925 ng
 RT: 21.57 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG038617.D
 Acq: 15 Dec 2018 23:26

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.0	21.9	32.9
279	4.8	4.2	6.2





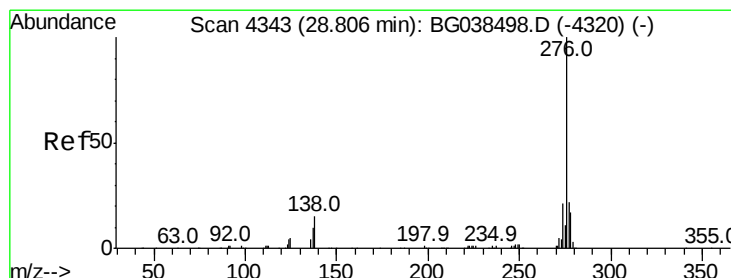
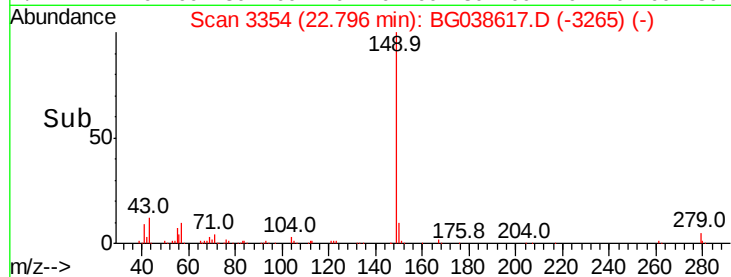
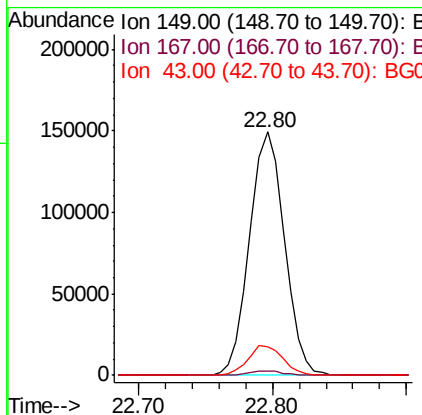
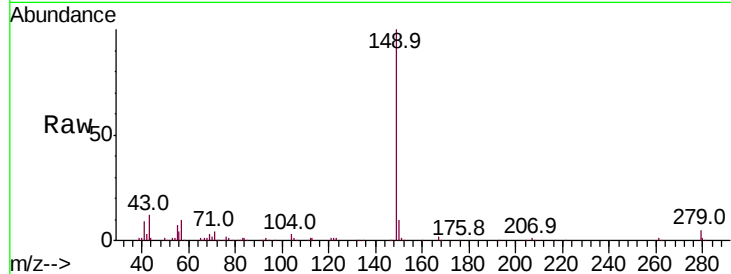
#85
Di-n-octyl phthalate
Concen: 32.308 ng
RT: 22.80 min Scan# 3354
Delta R.T. -0.01 min
Lab File: BG038617.D
Acq: 15 Dec 2018 23:26

Instrument :
BNA_G
ClientSampleId :
PB115697BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	270810		
167	1.7		1.2	1.8
43	12.2		9.3	13.9

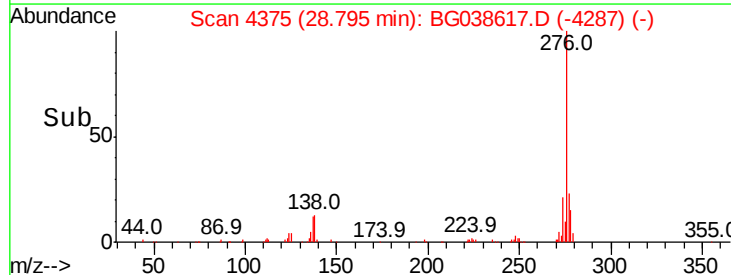
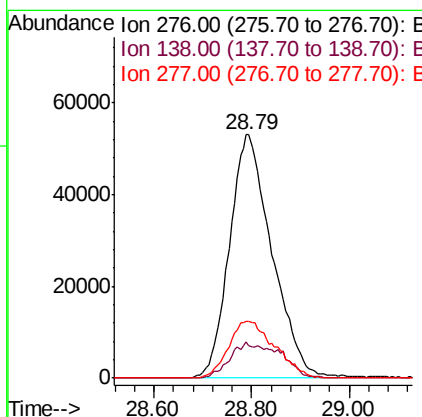
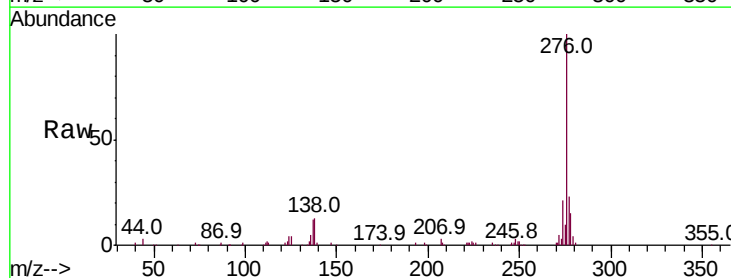
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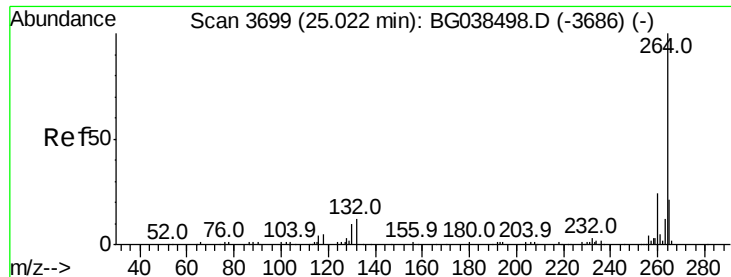
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 33.891 ng
RT: 28.79 min Scan# 4375
Delta R.T. -0.01 min
Lab File: BG038617.D
Acq: 15 Dec 2018 23:26

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	319747		
138	17.5		14.4	21.6
277	25.5		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: BG038617.D

Acq: 15 Dec 2018 23:26

Instrument :

BNA_G

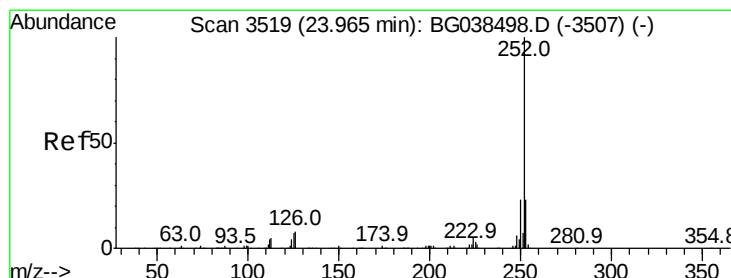
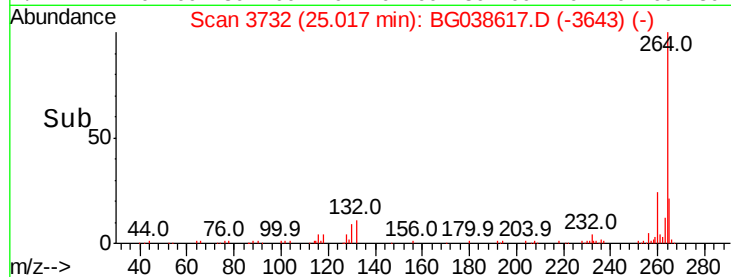
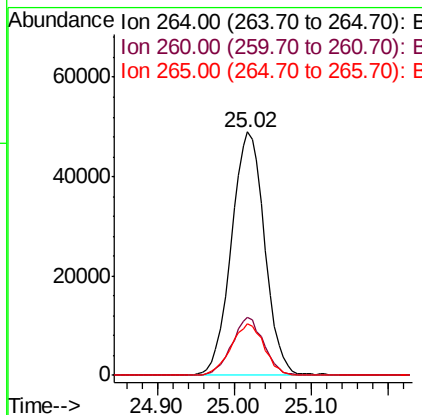
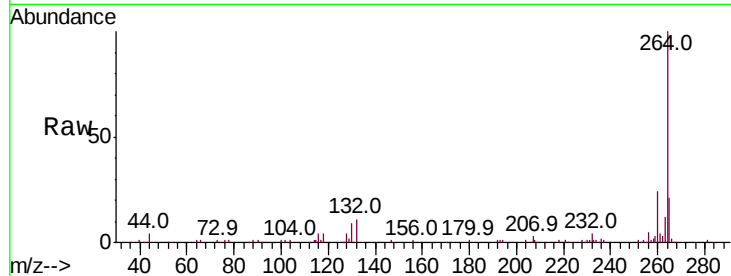
ClientSampleId :

PB115697BS

Tot Ion:	264	Resp:	147771
Ion Ratio	Lower	Upper	
264	100		
260	24.0	18.9	28.3
265	21.4	17.0	25.4

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#88

Benzo(b)fluoranthene

Concen: 34.399 ng

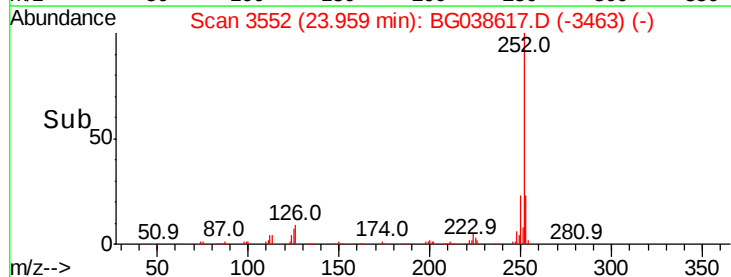
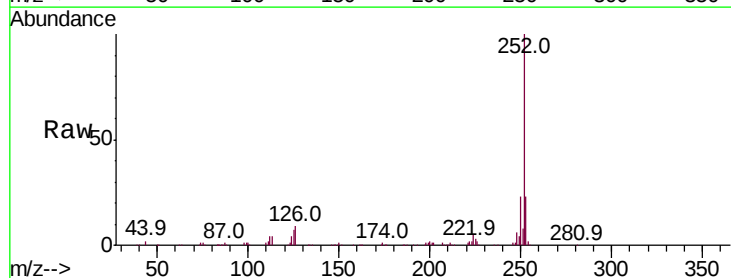
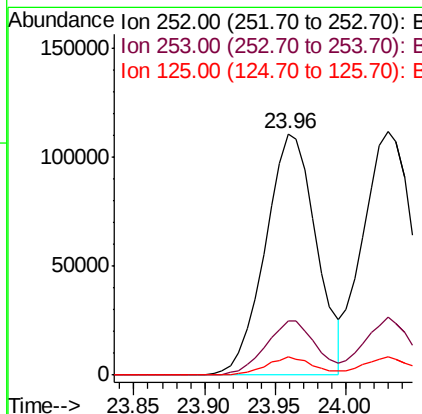
RT: 23.96 min Scan# 3552

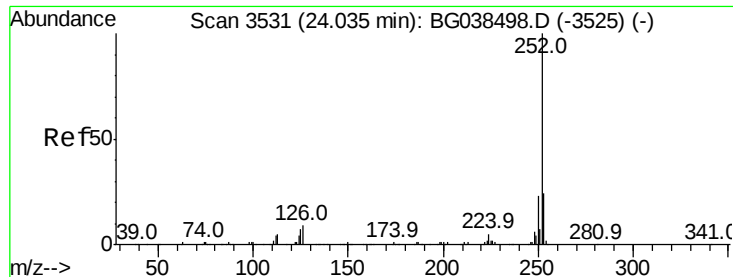
Delta R.T. -0.01 min

Lab File: BG038617.D

Acq: 15 Dec 2018 23:26

Tgt Ion:	252	Resp:	279084
Ion Ratio	Lower	Upper	
252	100		
253	22.6	18.1	27.1
125	7.4	5.5	8.3





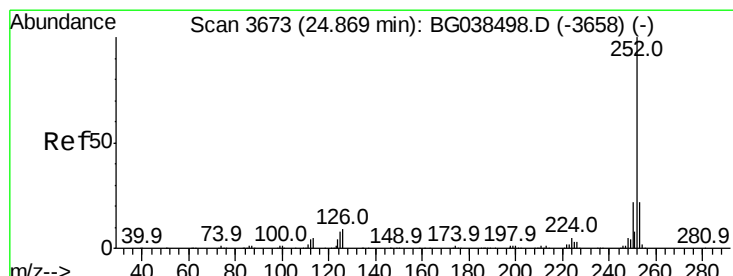
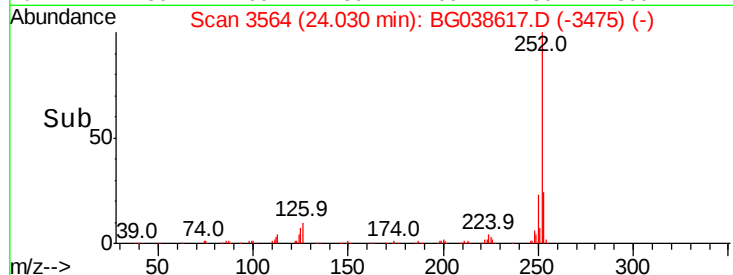
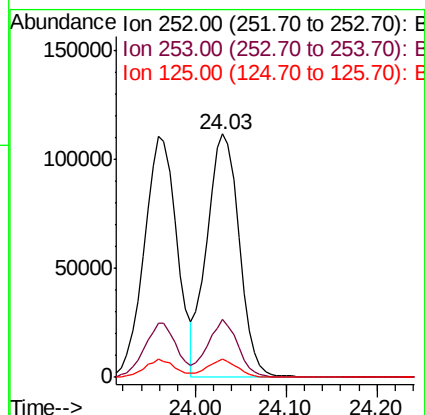
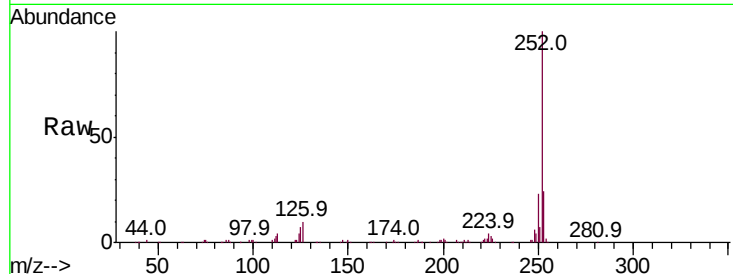
#89
Benzo(k)fluoranthene
Concen: 34.211 ng
RT: 24.03 min Scan# 3564
Delta R.T. -0.01 min
Lab File: BG038617.D
Acq: 15 Dec 2018 23:26

Instrument :
BNA_G
ClientSampleId :
PB115697BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.9	28.3
125	7.4	5.4	8.2

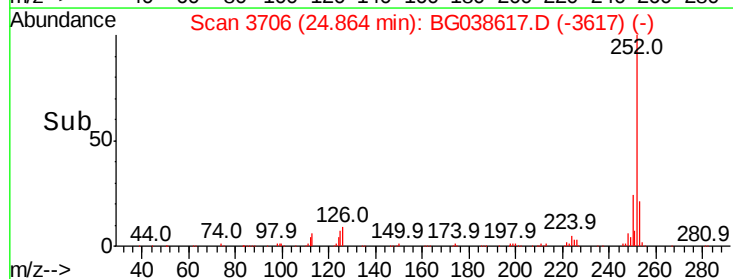
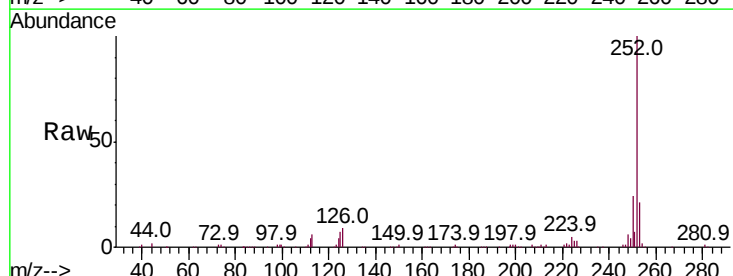
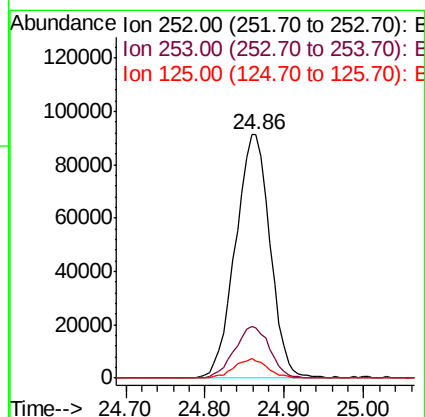
Manual Integrations
APPROVED

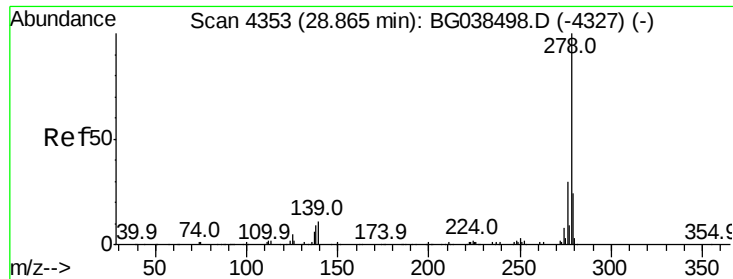
Sohil
12/16/2018 2:01:22 PM



#90
Benzo(a)pyrene
Concen: 35.252 ng
RT: 24.86 min Scan# 3706
Delta R.T. -0.01 min
Lab File: BG038617.D
Acq: 15 Dec 2018 23:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.6	17.4	26.0
125	7.2	6.4	9.6





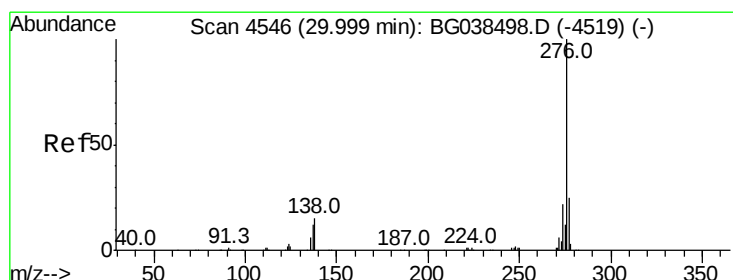
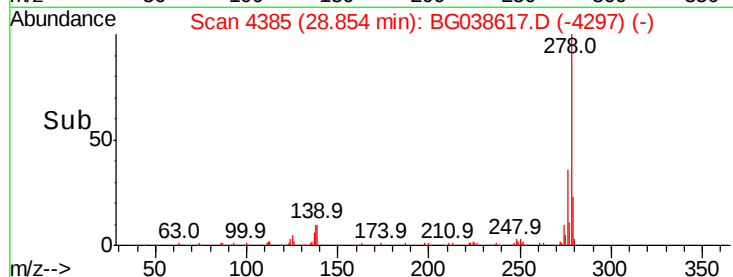
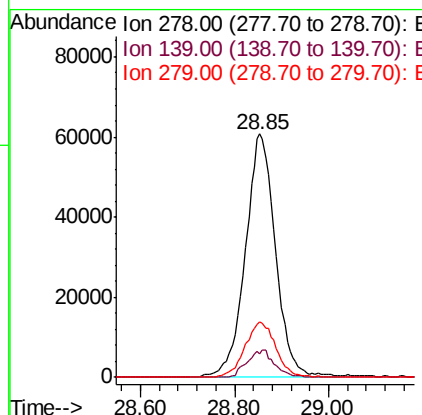
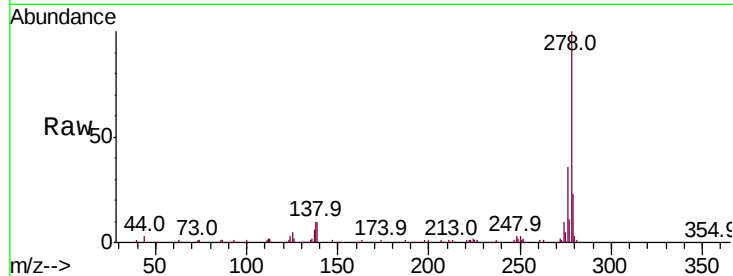
#91
Dibenzo(a,h)anthracene
Concen: 34.641 ng
RT: 28.85 min Scan# 4385
Delta R.T. -0.01 min
Lab File: BG038617.D
Acq: 15 Dec 2018 23:26

Instrument :
BNA_G
ClientSampleId :
PB115697BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.8	8.6	12.8
279	22.7	19.0	28.6

Manual Integrations
APPROVED

Sohil
12/16/2018 2:01:22 PM



#92
Benzo(g,h,i)perylene
Concen: 34.504 ng
RT: 29.99 min Scan# 4578
Delta R.T. -0.01 min
Lab File: BG038617.D
Acq: 15 Dec 2018 23:26

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.8	29.8
138	15.1	11.8	17.6

