

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122018\
 Data File : BG038765.D
 Acq On : 20 Dec 2018 16:53
 Operator : JU/SJ
 Sample : PB115871BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115871BS

Manual Integrations
 APPROVED

Sohil
 12/21/2018 2:43:38 PM

Quant Time: Dec 21 00:38:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	23119	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	88702	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	60579	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	160074	20.00	ng	0.00
76) Chrysene-d12	21.72	240	161890	20.00	ng	0.00
87) Perylene-d12	25.02	264	176130	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	180883	138.77	ng	0.00
7) Phenol-d6	7.21	99	240370	134.33	ng	0.00
23) Nitrobenzene-d5	9.24	82	120342	69.31	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	128987	154.50	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	304905	69.05	ng	0.00
79) Terphenyl-d14	20.04	244	618003	83.08	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.49	88	19951	32.887	ng	# 87
3) Pyridine	3.89	79	55141	33.014	ng	96
4) n-Nitrosodimethylamine	3.81	42	33947	41.480	ng	92
6) Aniline	7.38	93	64790	28.363	ng	99
8) 2-Chlorophenol	7.62	128	63800	42.296	ng	97
9) Benzaldehyde	7.20	77	20238	17.434	ng	97
10) Phenol	7.24	94	80890	42.550	ng	97
11) bis(2-Chloroethyl)ether	7.47	93	53609	35.419	ng	96
12) 1,3-Dichlorobenzene	7.94	146	67487	37.839	ng	98
13) 1,4-Dichlorobenzene	8.09	146	69273	37.924	ng	97
14) 1,2-Dichlorobenzene	8.41	146	65282	37.910	ng	95
15) Benzyl Alcohol	8.30	79	57776	41.366	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.57	45	115159	33.214	ng	97
17) 2-Methylphenol	8.50	107	52695	41.372	ng	90
18) Hexachloroethane	9.14	117	24944	37.371	ng	89
19) n-Nitroso-di-n-propylamine	8.86	70	44160	35.137	ng	92
20) 3+4-Methylphenols	8.82	107	73911	42.018	ng	97
22) Acetophenone	8.88	105	90828	40.995	ng	# 97
24) Nitrobenzene	9.28	77	70200	39.966	ng	96
25) Isophorone	9.79	82	125623	40.269	ng	99
26) 2-Nitrophenol	9.98	139	37000	41.157	ng	95
27) 2,4-Dimethylphenol	10.03	122	63013	48.907	ng	99
28) bis(2-Chloroethoxy)methane	10.27	93	71614	40.678	ng	99
29) 2,4-Dichlorophenol	10.52	162	70034	48.861	ng	95
30) 1,2,4-Trichlorobenzene	10.73	180	73711	42.574	ng	95
31) Naphthalene	10.92	128	194406	44.482	ng	99
32) Benzoic acid	10.19	122	25346m	34.577	ng	
33) 4-Chloroaniline	11.04	127	47855	25.221	ng	97
34) Hexachlorobutadiene	11.19	225	49824	42.530	ng	94
35) Caprolactam	11.83	113	23625	39.828	ng	93
36) 4-Chloro-3-methylphenol	12.15	107	71321	43.603	ng	93
37) 2-Methylnaphthalene	12.53	142	146134	46.869	ng	98
38) 1-Methylnaphthalene	12.74	142	138267	45.700	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	91162	40.258	ng	98

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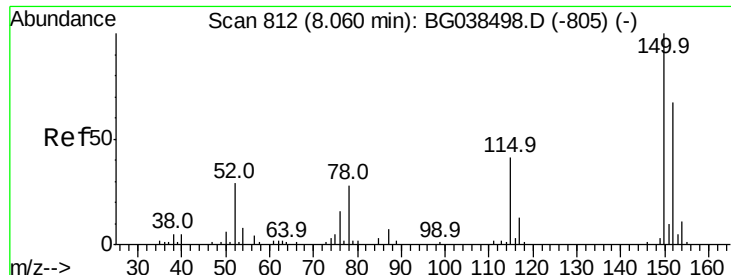
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	106523	85.625	ng	97
43) 2,4,6-Trichlorophenol	13.13	196	62171	44.653	ng	97
44) 2,4,5-Trichlorophenol	13.20	196	67614	45.867	ng	97
46) 1,1'-Biphenyl	13.52	154	194152	38.230	ng	97
47) 2-Chloronaphthalene	13.57	162	158596	40.429	ng	99
48) 2-Nitroaniline	13.78	65	51637	41.325	ng	94
49) Acenaphthylene	14.42	152	261521	44.594	ng	99
50) Dimethylphthalate	14.14	163	205869	41.614	ng	99
51) 2,6-Dinitrotoluene	14.28	165	46695	41.651	ng	93
52) Acenaphthene	14.76	154	148341	42.301	ng	96
53) 3-Nitroaniline	14.61	138	36153	31.635	ng	96
54) 2,4-Dinitrophenol	14.82	184	44176	67.118	ng	97
55) Dibenzofuran	15.09	168	254849	42.396	ng	98
56) 4-Nitrophenol	14.91	139	70089	80.843	ng	95
57) 2,4-Dinitrotoluene	15.06	165	69151	43.794	ng	95
58) Fluorene	15.74	166	208610	46.841	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.32	232	65627	49.482	ng	95
60) Diethylphthalate	15.49	149	213985	39.402	ng	99
61) 4-Chlorophenyl-phenylether	15.72	204	116103	41.783	ng	99
62) 4-Nitroaniline	15.78	138	51918	44.127	ng	99
63) Azobenzene	16.02	77	181988	40.113	ng	97
65) 4,6-Dinitro-2-methylphenol	15.82	198	41151	36.038	ng	96
66) n-Nitrosodiphenylamine	15.95	169	191942	40.810	ng	97
67) 4-Bromophenyl-phenylether	16.62	248	79199	40.512	ng	94
68) Hexachlorobenzene	16.74	284	83008	40.960	ng	96
69) Atrazine	16.89	200	78625	45.045	ng	98
70) Pentachlorophenol	17.09	266	80598	67.239	ng	94
71) Phenanthrene	17.48	178	365123	43.986	ng	99
72) Anthracene	17.57	178	371951	45.389	ng	98
73) Carbazole	17.85	167	326275	40.259	ng	99
74) Di-n-butylphthalate	18.38	149	376478	40.484	ng	99
75) Fluoranthene	19.49	202	450010	43.816	ng	97
77) Benzidine	19.68	184	202177	42.228	ng	99
78) Pyrene	19.85	202	448913	41.974	ng	99
80) Butylbenzylphthalate	20.72	149	169909	40.664	ng	94
81) Benzo(a)anthracene	21.70	228	441830	44.789	ng	99
82) 3,3'-Dichlorobenzidine	21.62	252	120225	30.729	ng	99
83) Chrysene	21.77	228	411514	43.310	ng	98
84) Bis(2-ethylhexyl)phthalate	21.57	149	238839	40.303	ng	99
85) Di-n-octyl phthalate	22.79	149	406412	40.950	ng	99
86) Indeno(1,2,3-cd)pyrene	28.80	276	494559	44.273	ng	# 74
88) Benzo(b)fluoranthene	23.96	252	440421	45.544	ng	99
89) Benzo(k)fluoranthene	24.03	252	431250	44.784	ng	97
90) Benzo(a)pyrene	24.86	252	427981	45.875	ng	98
91) Dibenzo(a,h)anthracene	28.86	278	408000	43.923	ng	99
92) Benzo(g,h,i)perylene	29.99	276	407236	44.486	ng	96

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



#1

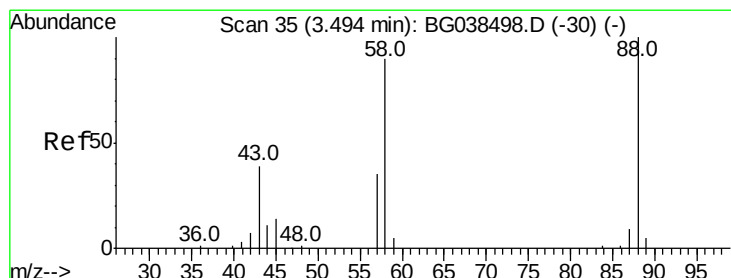
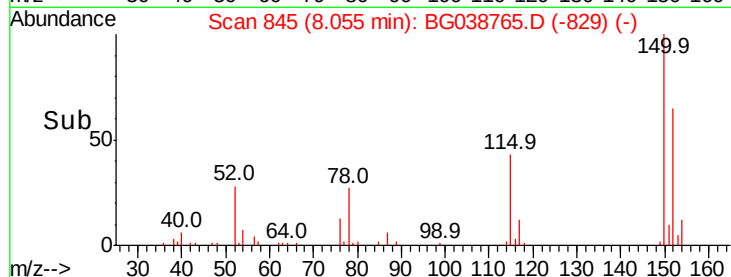
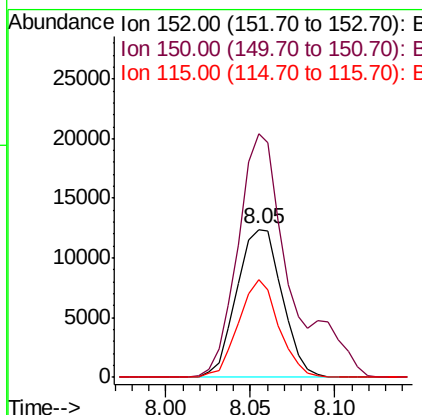
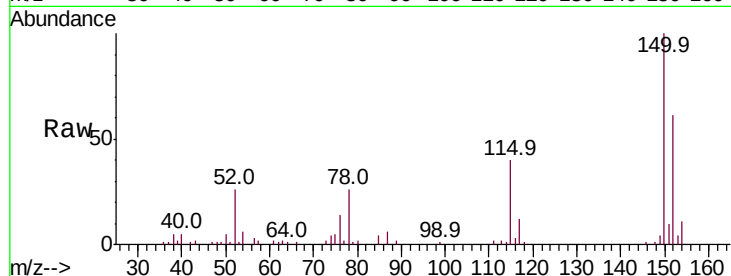
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.00 min
Lab File: BG038765.D
Acq: 20 Dec 2018 16:53

Instrument :
BNA_G
ClientSampleId :
PB115871BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	164.2	119.5	179.3
115	65.7	49.6	74.4

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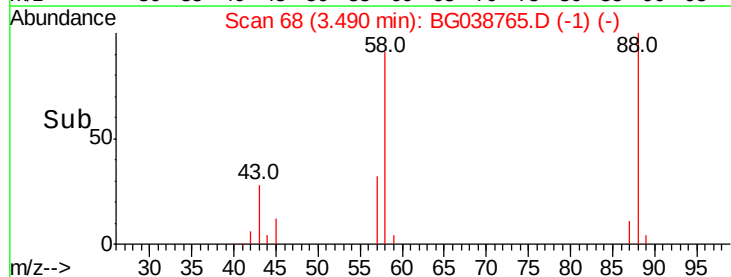
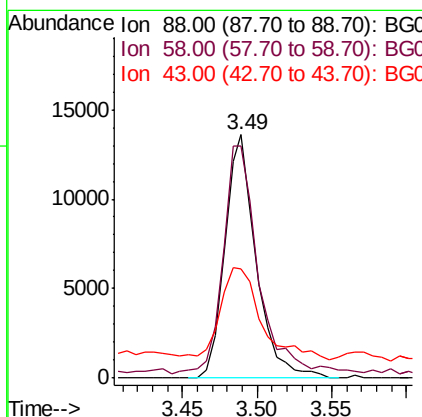
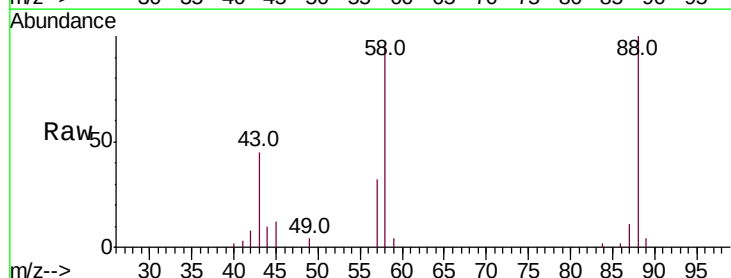
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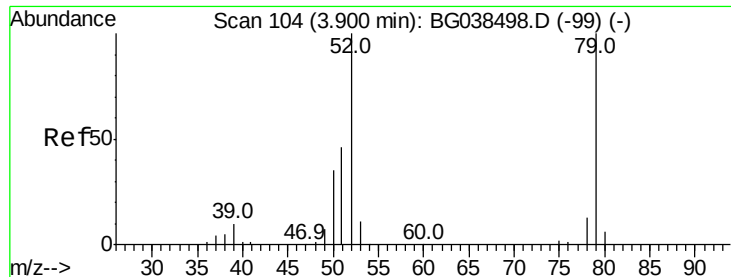


#2

1,4-Dioxane
Concen: 32.887 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.00 min
Lab File: BG038765.D
Acq: 20 Dec 2018 16:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	106.1	75.7	113.5
43	49.4	31.6	47.4





#3

Pvridine

Concen: 33.014 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.01 min

Lab File: BG038765.D

Acq: 20 Dec 2018 16:53

Instrument :

BNA_G

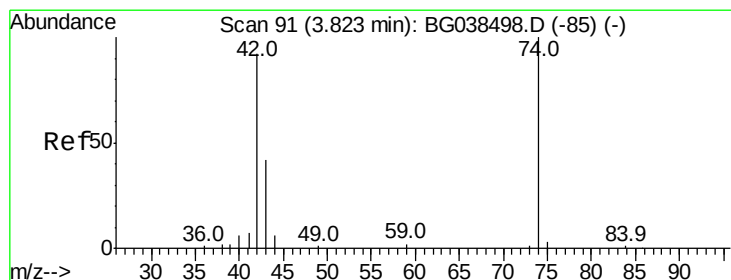
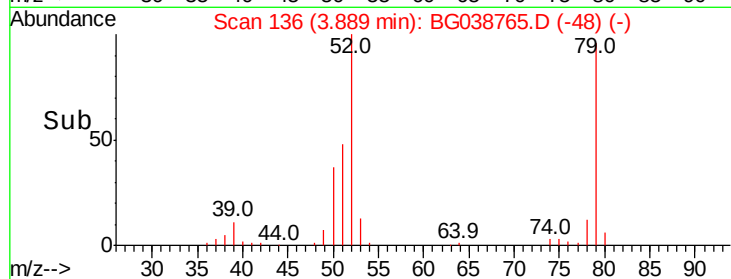
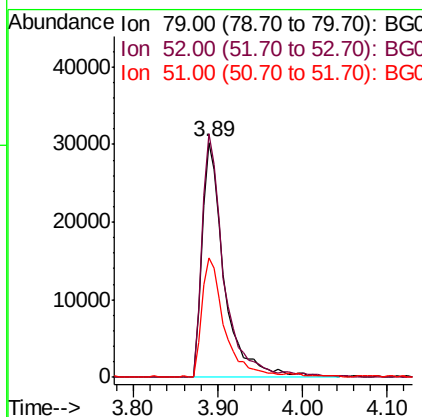
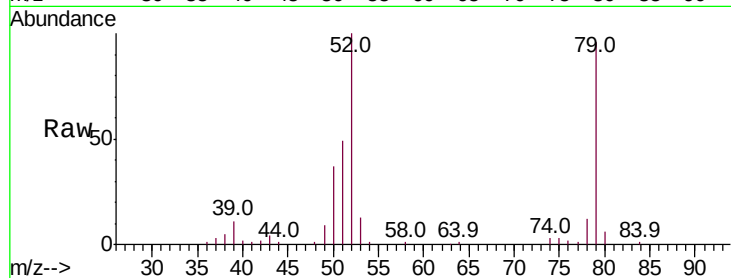
ClientSampleId :

PB115871BS

Tot Ion:	79	Resp:	55141
Ion	Ratio	Lower	Upper
79	100		
52	103.8	80.2	120.2
51	51.0	38.0	57.0

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#4

n-Nitrosodimethylamine

Concen: 41.480 ng

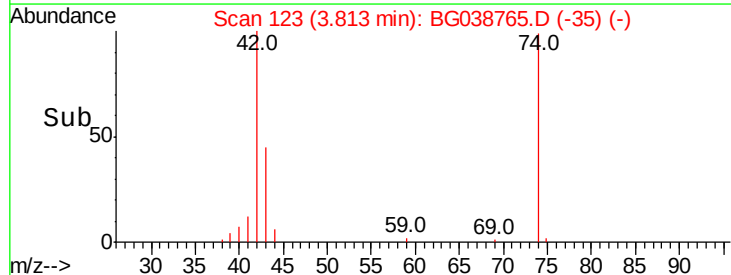
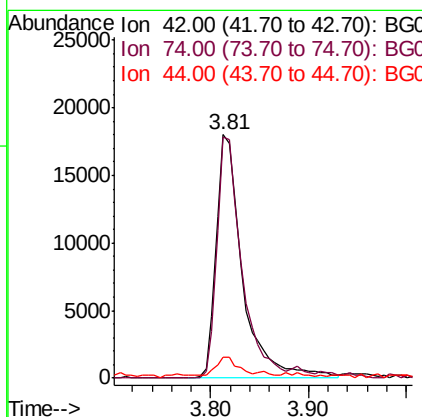
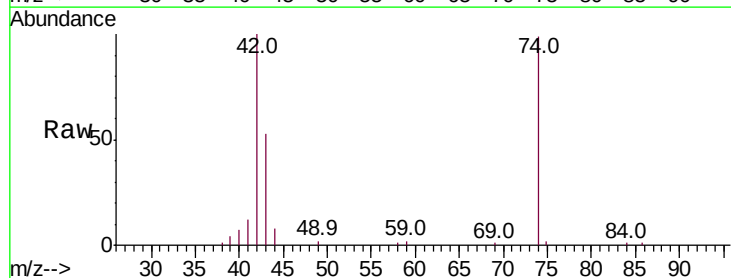
RT: 3.81 min Scan# 123

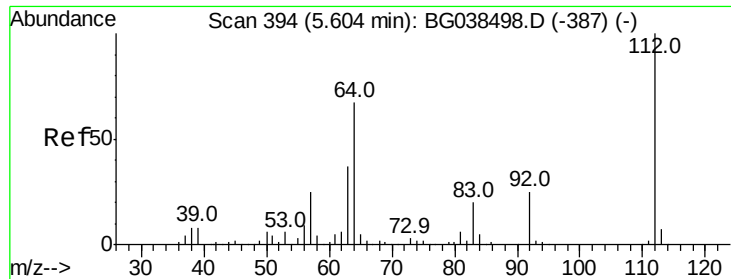
Delta R.T. -0.01 min

Lab File: BG038765.D

Acq: 20 Dec 2018 16:53

Tgt Ion:	42	Resp:	33947
Ion	Ratio	Lower	Upper
42	100		
74	99.1	86.7	130.1
44	8.5	7.8	11.8





#5

2-Fluorophenol

Concen: 138.770 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.01 min

Lab File: BG038765.D

Acq: 20 Dec 2018 16:53

Instrument :

BNA_G

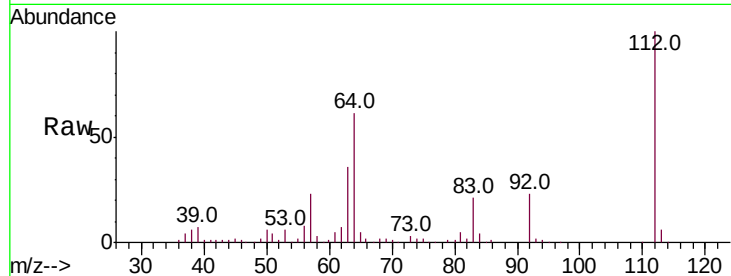
ClientSampleID :

PB115871BS

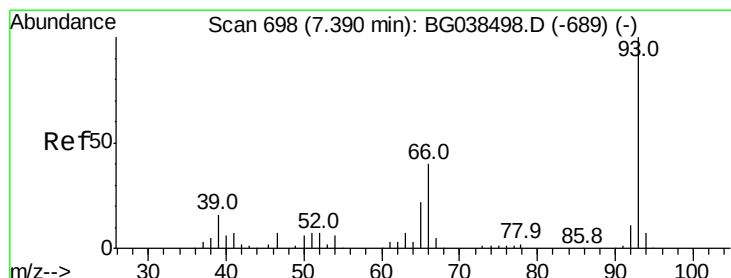
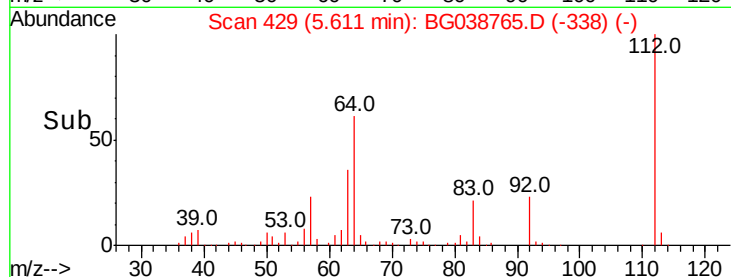
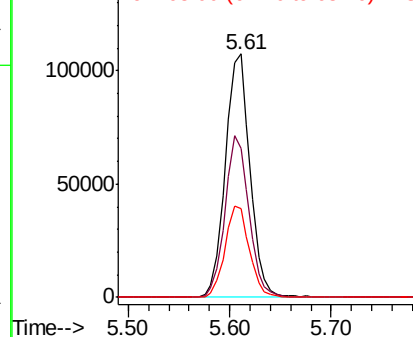
Tot Ion:	112	Resp:	180883
Ion Ratio	Lower	Upper	
112	100		
64	60.9	53.4	80.2
63	36.3	29.3	43.9

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



#6

Aniline

Concen: 28.363 ng

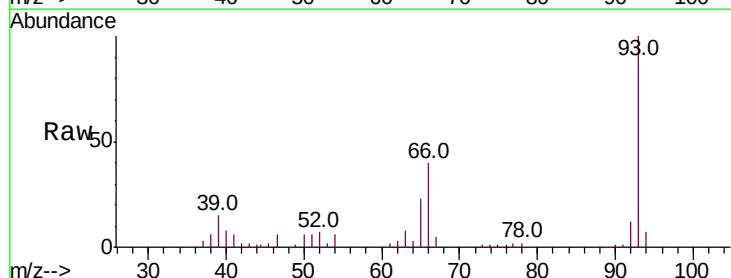
RT: 7.38 min Scan# 731

Delta R.T. -0.00 min

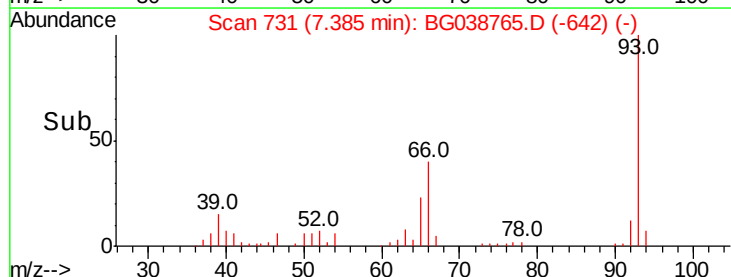
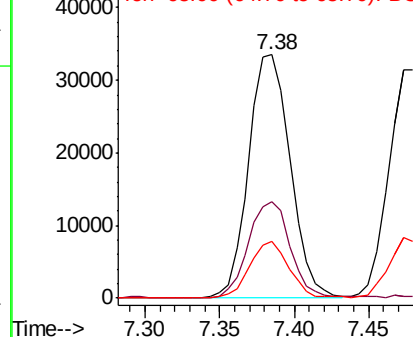
Lab File: BG038765.D

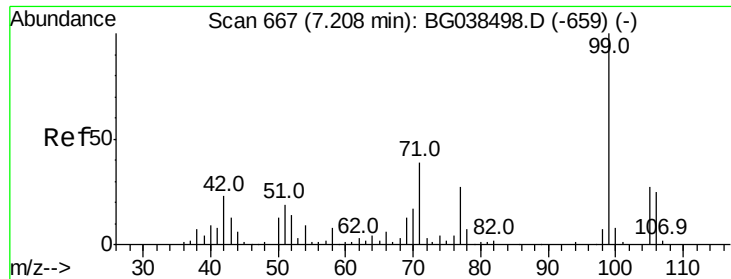
Acq: 20 Dec 2018 16:53

Tgt Ion:	93	Resp:	64790
Ion Ratio	Lower	Upper	
93	100		
66	39.6	31.7	47.5
65	23.1	17.8	26.6



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





#7

Phenol-d6

Concen: 134.329 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG038765.D

Acq: 20 Dec 2018 16:53

Instrument :

BNA_G

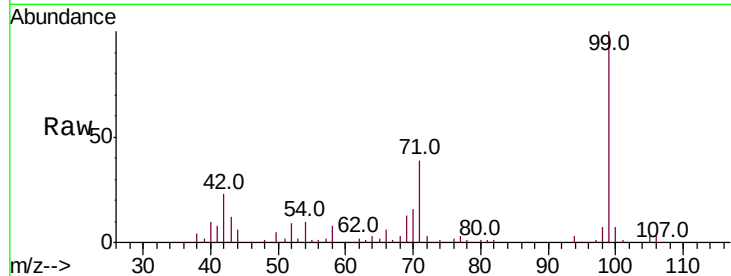
ClientSampleId :

PB115871BS

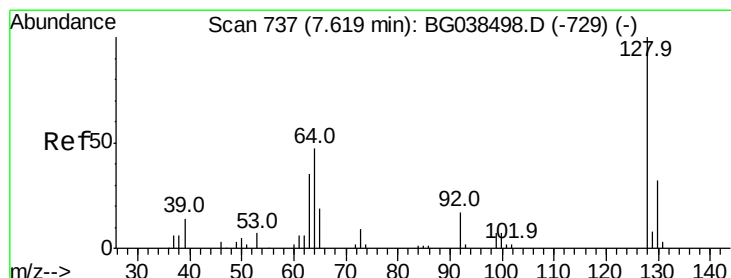
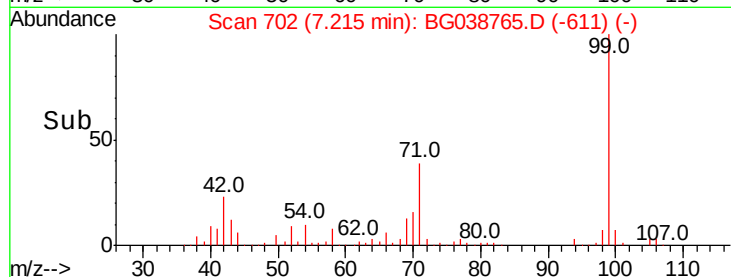
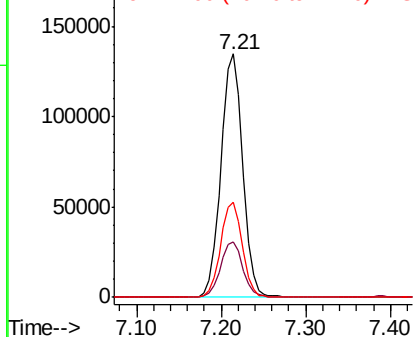
Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		240370		
42	22.7	18.5	27.7		
71	39.2	31.1	46.7		

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



#8

2-Chlorophenol

Concen: 42.296 ng

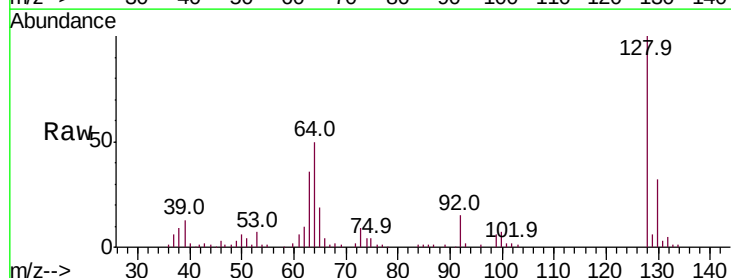
RT: 7.62 min Scan# 771

Delta R.T. 0.00 min

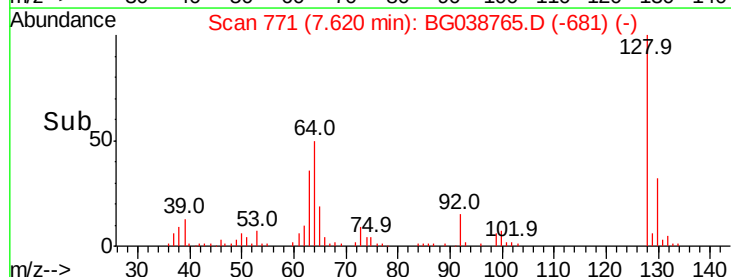
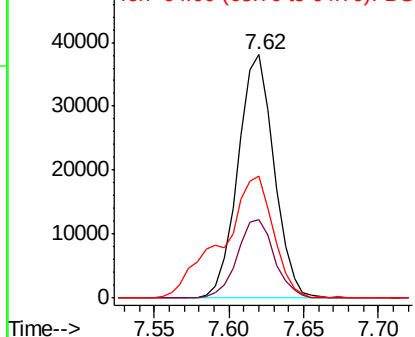
Lab File: BG038765.D

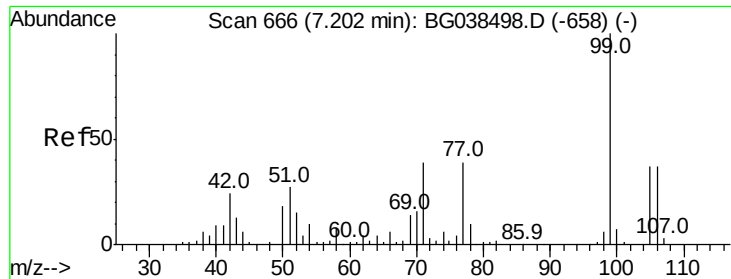
Acq: 20 Dec 2018 16:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		63800		
130	32.5	11.8	51.8		
64	50.3	33.2	73.2		



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





#9

Benzaldehyde

Concen: 17.434 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG038765.D

Acq: 20 Dec 2018 16:53

Instrument :

BNA_G

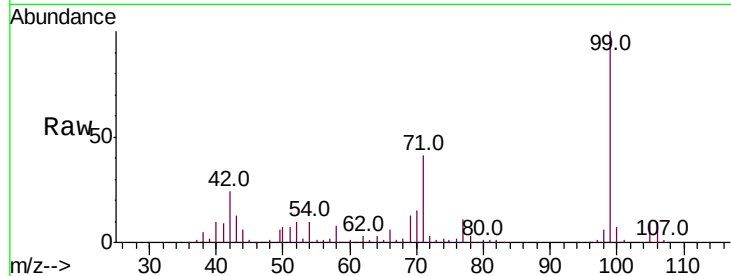
ClientSampled :

PB115871BS

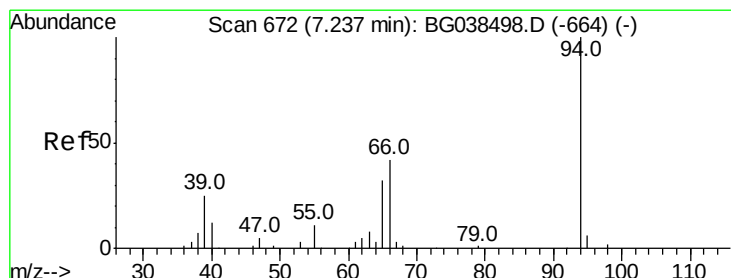
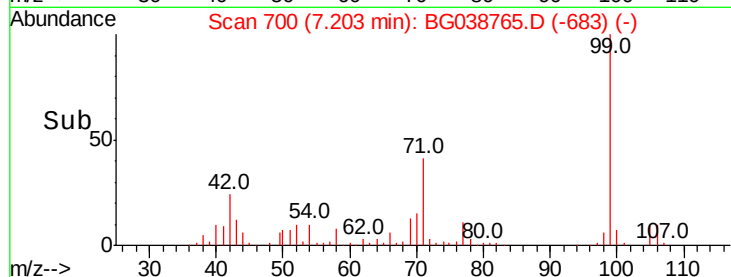
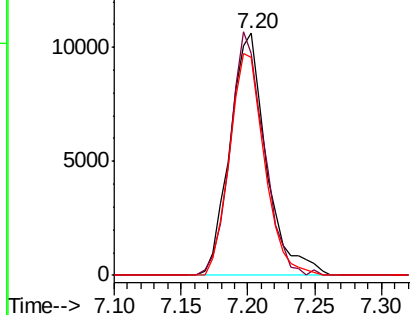
Tot Ion:	77	Resp:	20238
Ion Ratio	Lower	Upper	
77	100		
105	91.8	74.0	114.0
106	90.2	73.9	113.9

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



#10

Phenol

Concen: 42.550 ng

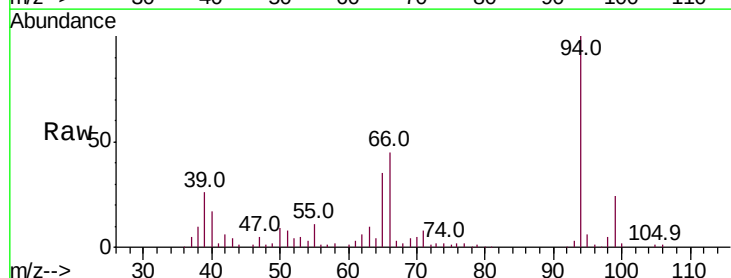
RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

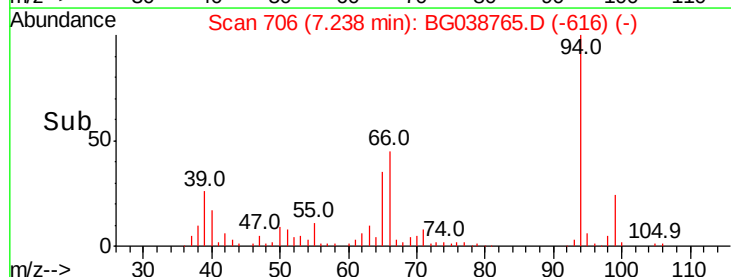
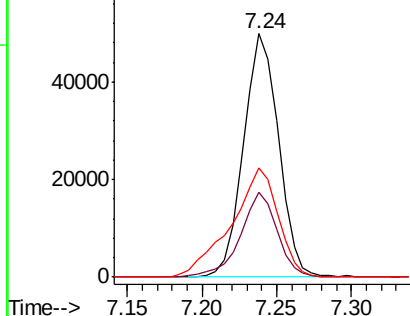
Lab File: BG038765.D

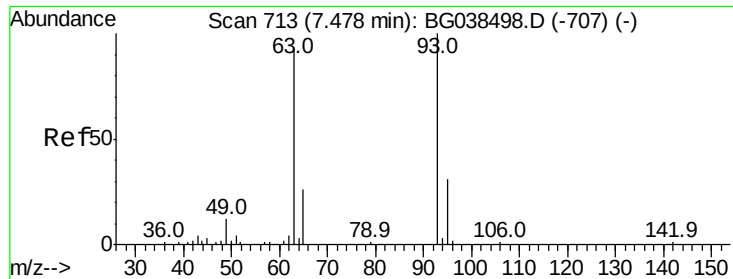
Acq: 20 Dec 2018 16:53

Tgt Ion:	94	Resp:	80890
Ion Ratio	Lower	Upper	
94	100		
65	35.0	12.6	52.6
66	45.0	24.1	64.1



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





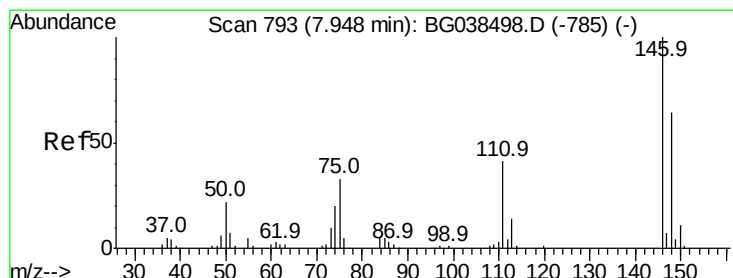
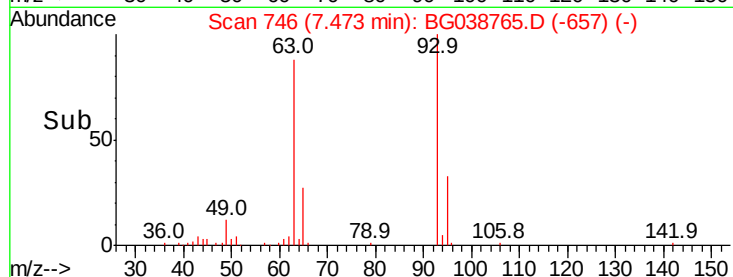
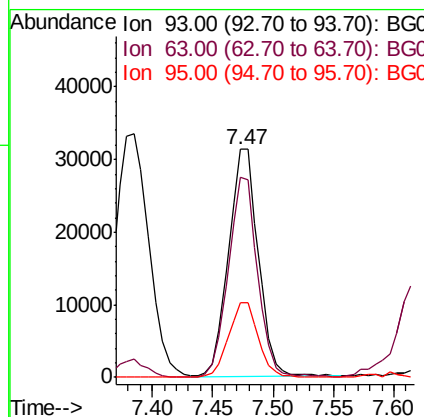
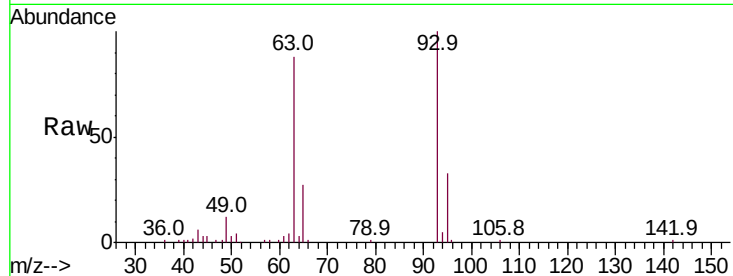
#11
 bis(2-Chloroethyl)ether
 Concen: 35.419 ng
 RT: 7.47 min Scan# 746
 Delta R.T. -0.00 min
 Lab File: BG038765.D
 Acq: 20 Dec 2018 16:53

Instrument :
 BNA_G
 ClientSampleId :
 PB115871BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	87.6	72.2	112.2
95	32.9	11.2	51.2

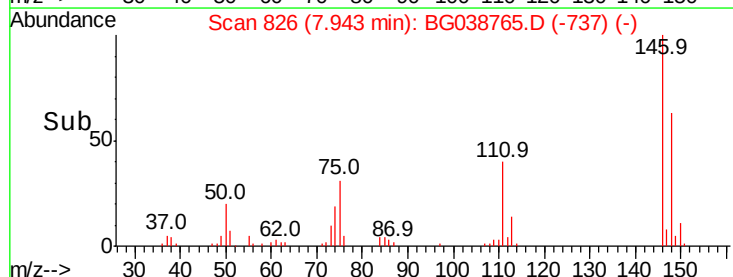
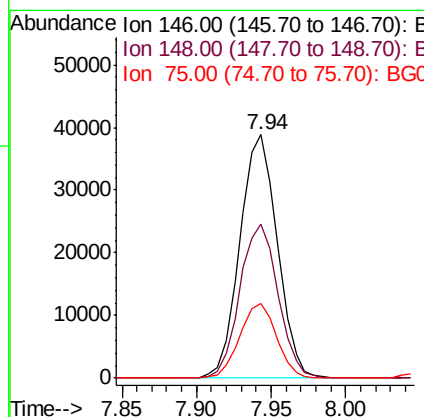
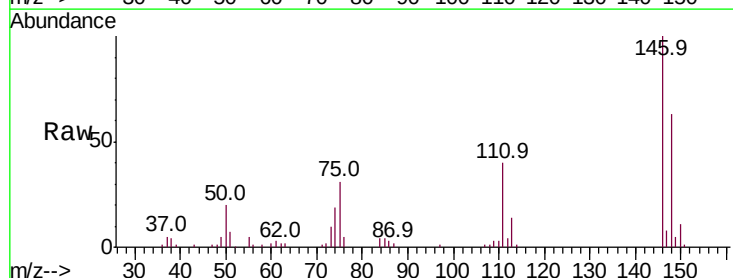
Manual Integrations
 APPROVED

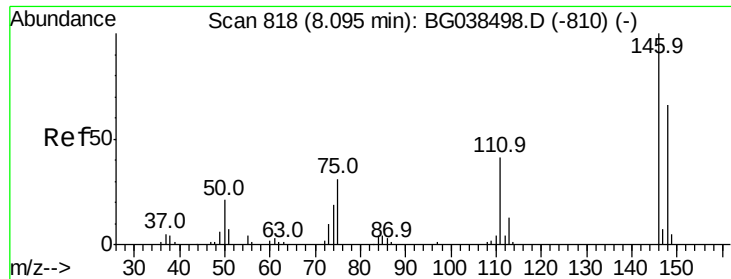
Sohil
 12/21/2018 2:43:38 PM



#12
 1,3-Dichlorobenzene
 Concen: 37.839 ng
 RT: 7.94 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BG038765.D
 Acq: 20 Dec 2018 16:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.4	77.0
75	30.8	26.1	39.1





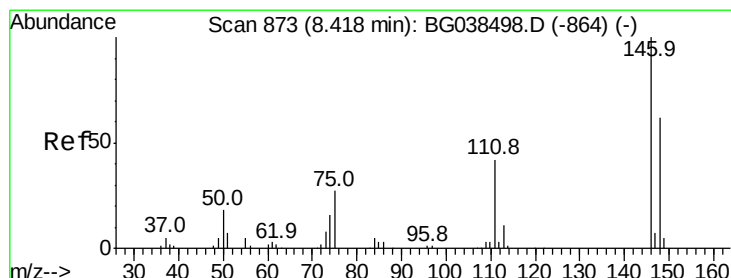
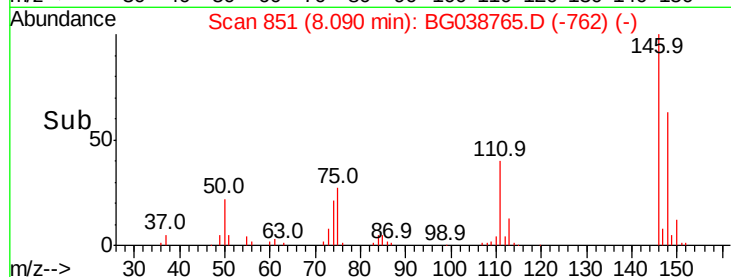
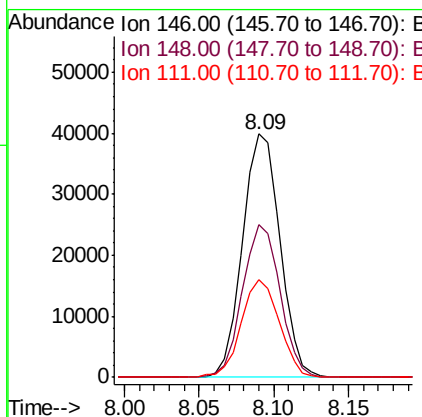
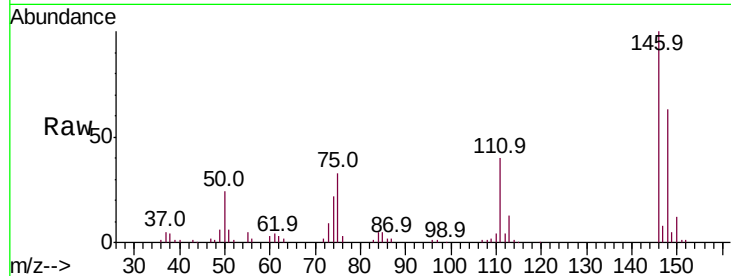
#13
 1,4-Dichlorobenzene
 Concen: 37.924 ng
 RT: 8.09 min Scan# 851
 Delta R.T. -0.00 min
 Lab File: BG038765.D
 Acq: 20 Dec 2018 16:53

Instrument :
 BNA_G
 ClientSampleID :
 PB115871BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.7	52.4	78.6
111	40.0	33.0	49.4

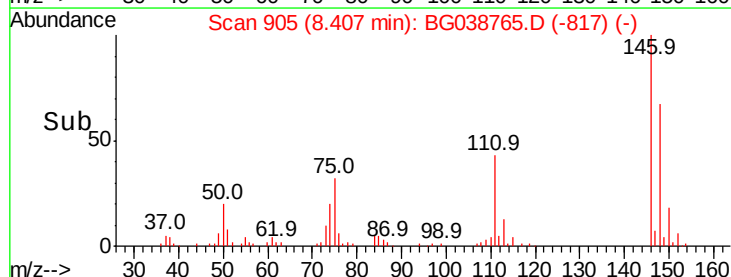
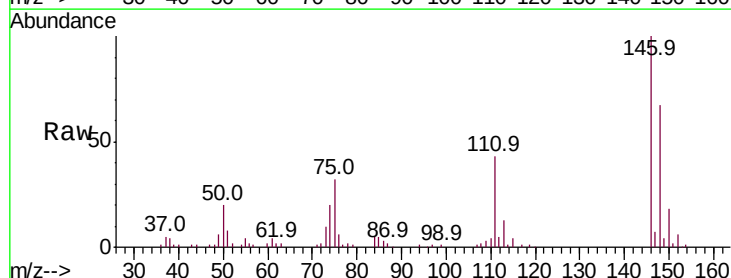
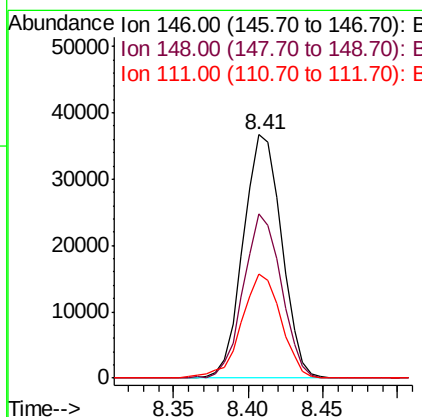
Manual Integrations
 APPROVED

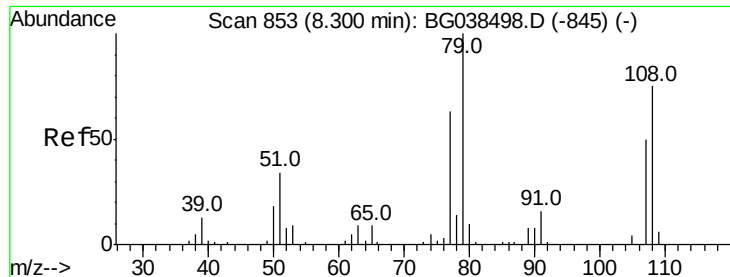
Sohil
 12/21/2018 2:43:38 PM



#14
 1,2-Dichlorobenzene
 Concen: 37.910 ng
 RT: 8.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BG038765.D
 Acq: 20 Dec 2018 16:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.2	49.4	74.0
111	42.8	33.8	50.6





#15

Benzyl Alcohol

Concen: 41.366 ng

RT: 8.30 min Scan# 887

Delta R.T. 0.00 min

Lab File: BG038765.D

Acq: 20 Dec 2018 16:53

Instrument :

BNA_G

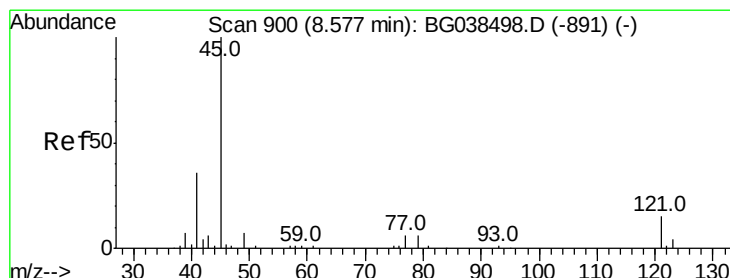
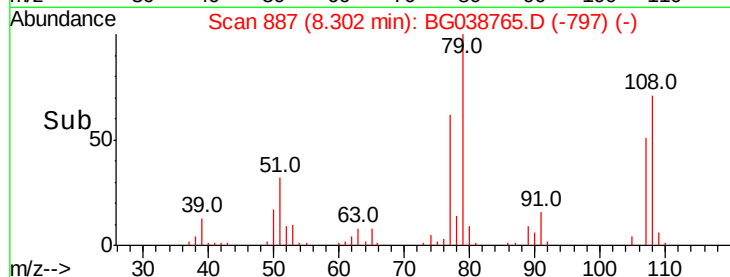
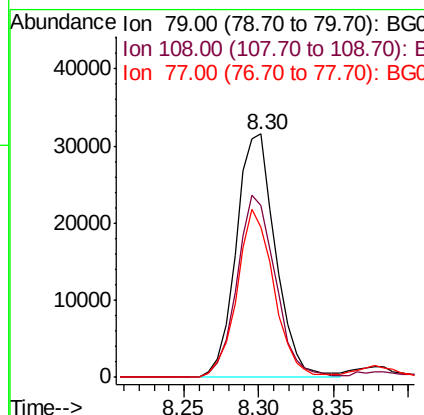
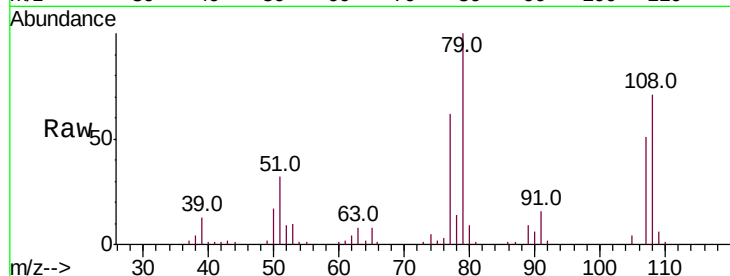
ClientSampleId :

PB115871BS

Tot Ion:	79	Resp:	57776
Ion Ratio	Lower	Upper	
79	100		
108	70.6	60.2	90.4
77	61.5	50.7	76.1

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.214 ng

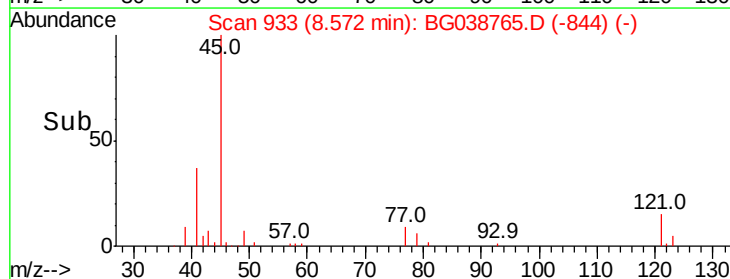
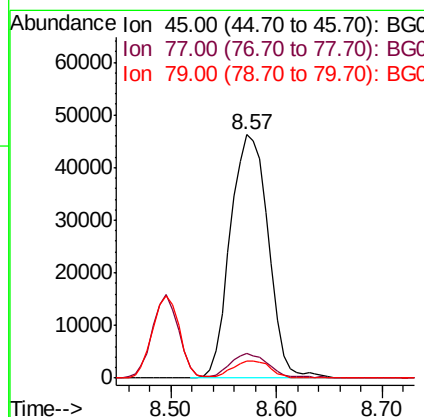
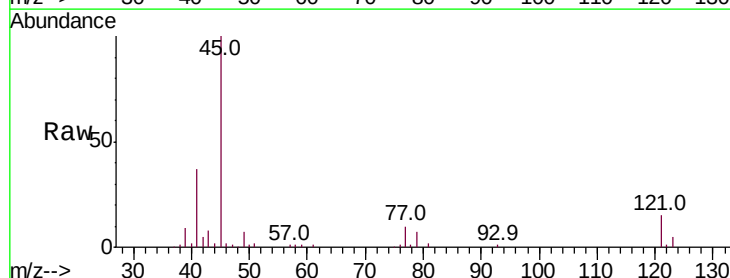
RT: 8.57 min Scan# 933

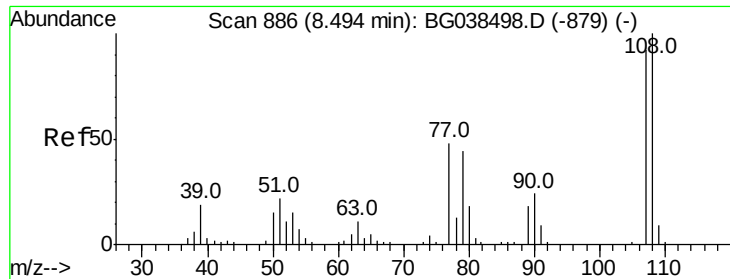
Delta R.T. -0.00 min

Lab File: BG038765.D

Acq: 20 Dec 2018 16:53

Tgt Ion:	45	Resp:	115159
Ion Ratio	Lower	Upper	
45	100		
77	10.1	0.0	28.2
79	6.8	0.0	27.2





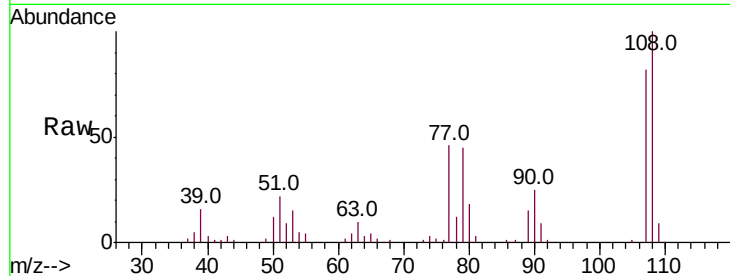
#17
2-Methylphenol
Concen: 41.372 ng
RT: 8.50 min Scan# 920
Delta R.T. 0.00 min
Lab File: BG038765.D
Acq: 20 Dec 2018 16:53

Instrument :
BNA_G
ClientSampleId :
PB115871BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	121.4	87.1	130.7
77	55.5	42.0	63.0
79	54.9	38.2	57.2

Manual Integrations
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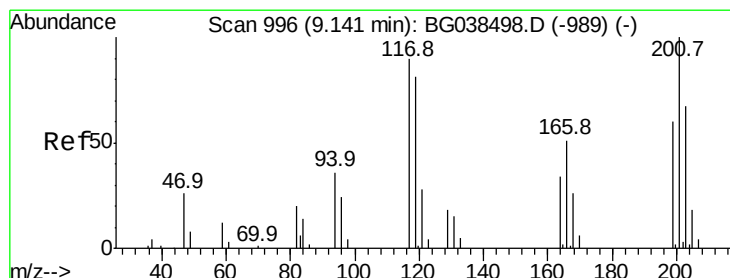
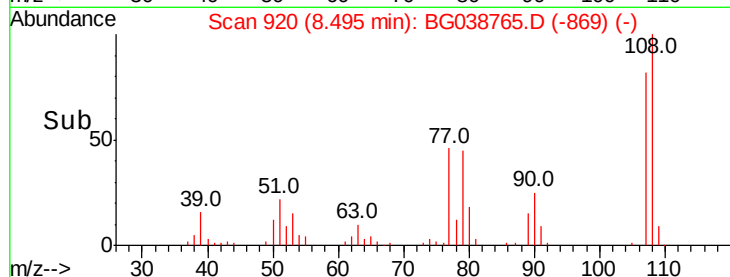
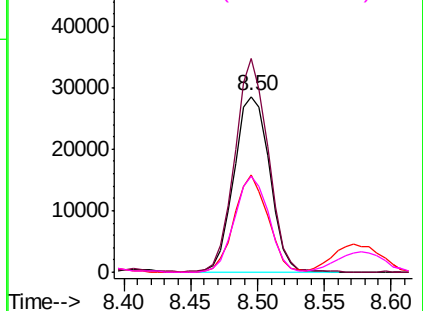
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 37.371 ng
RT: 9.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BG038765.D
Acq: 20 Dec 2018 16:53

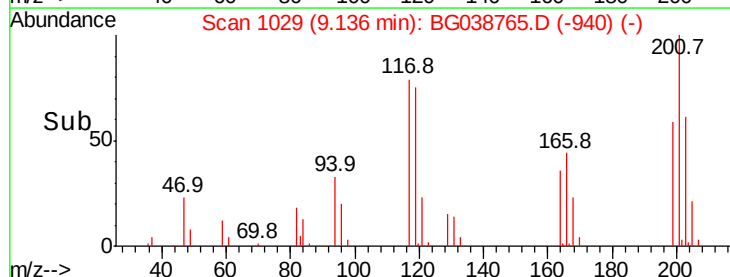
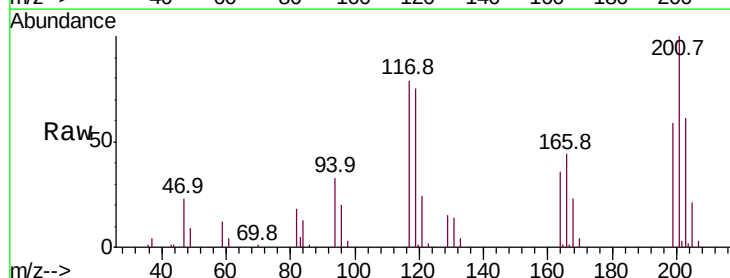
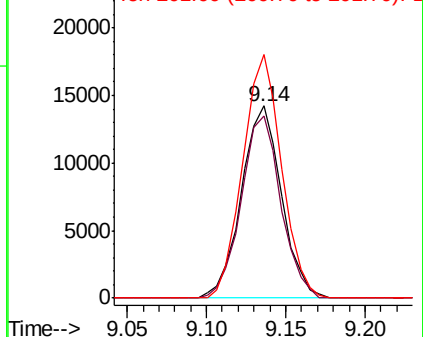
Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.8	73.8	110.8
201	130.9	89.4	134.0

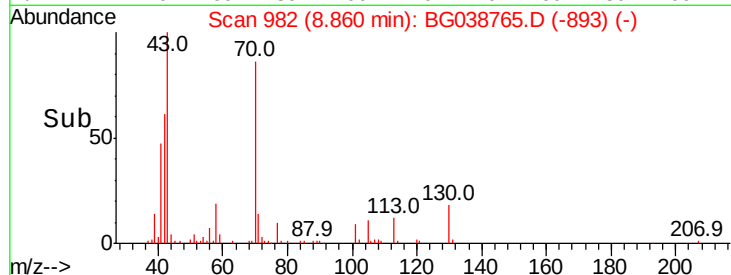
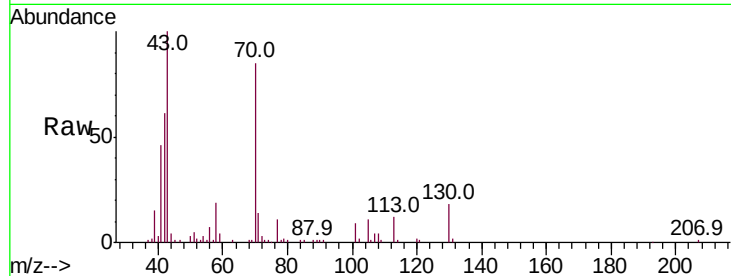
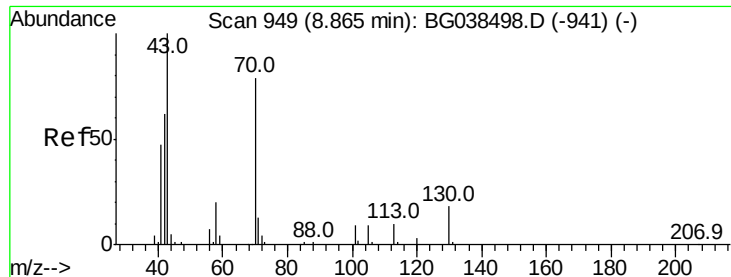
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





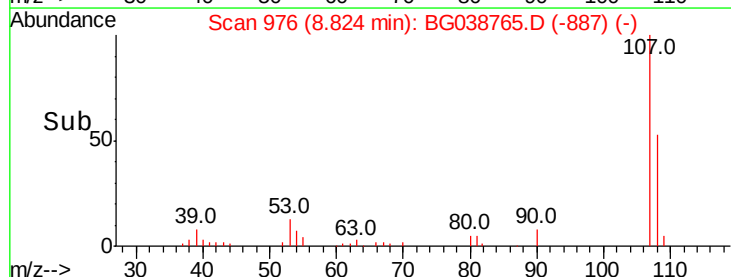
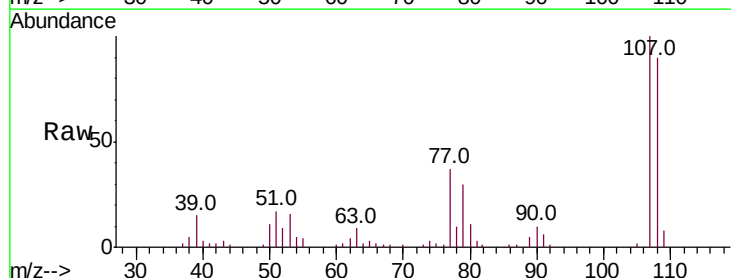
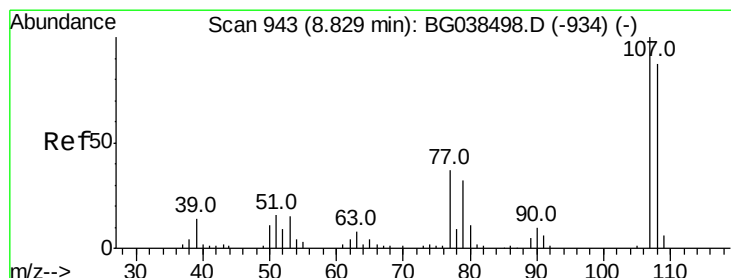
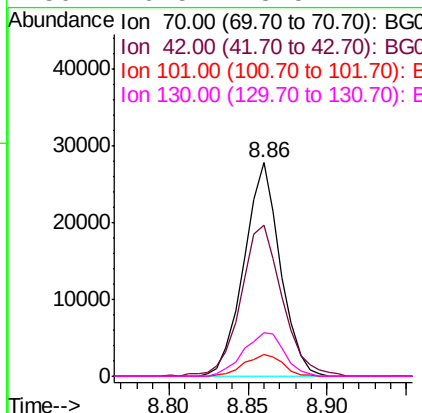
#19
n-Nitroso-di-n-propylamine
Concen: 35.137 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.00 min
Lab File: BG038765.D
Acq: 20 Dec 2018 16:53

Instrument :
BNA_G
ClientSampleId :
PB115871BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	70.8	63.6	95.4	
101	10.4	9.2	13.8	
130	20.5	18.5	27.7	

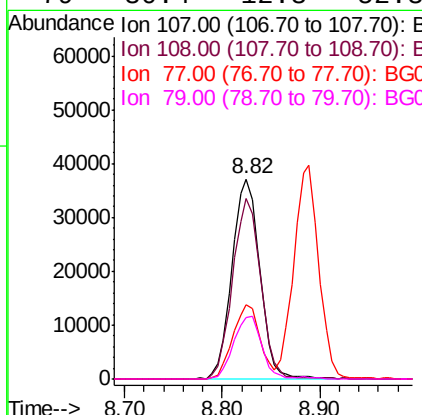
Manual Integrations
APPROVED

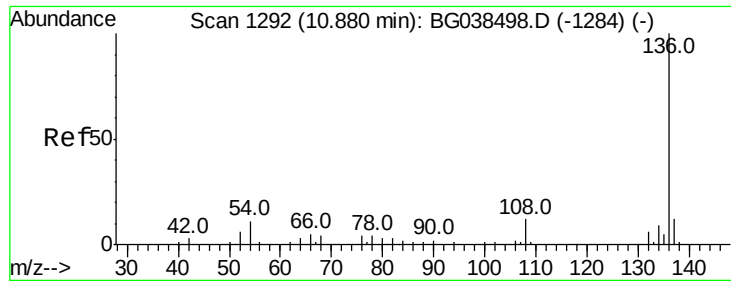
Sohil
12/21/2018 2:43:38 PM



#20
3+4-Methylphenols
Concen: 42.018 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.00 min
Lab File: BG038765.D
Acq: 20 Dec 2018 16:53

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.9	66.7	106.7	
77	36.9	17.3	57.3	
79	30.4	12.3	52.3	





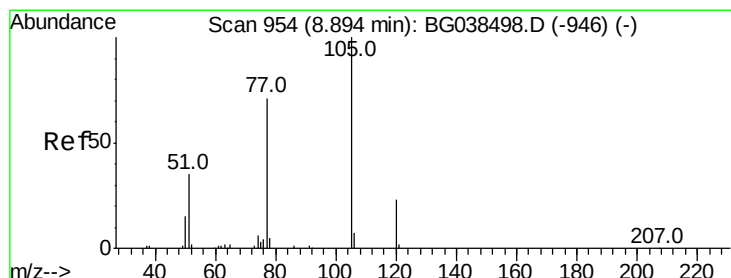
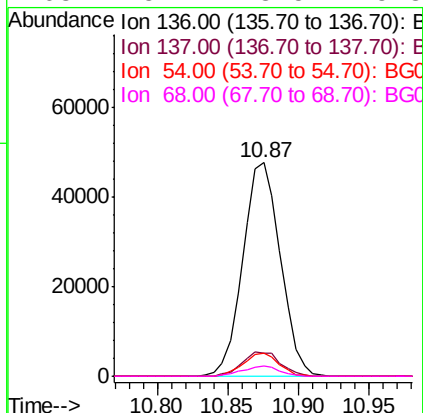
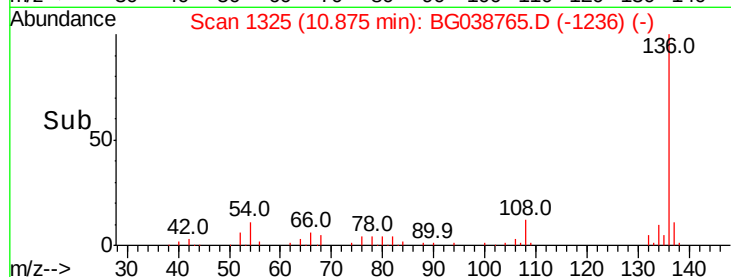
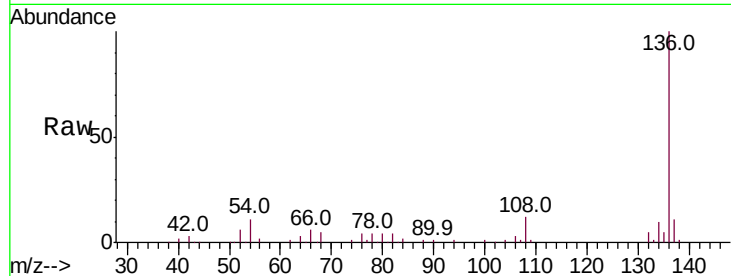
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BG038765.D
Acq: 20 Dec 2018 16:53

Instrument :
BNA_G
ClientSampleId :
PB115871BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	9.3	13.9	
54	11.1	8.5	12.7	
68	5.1	3.5	5.3	

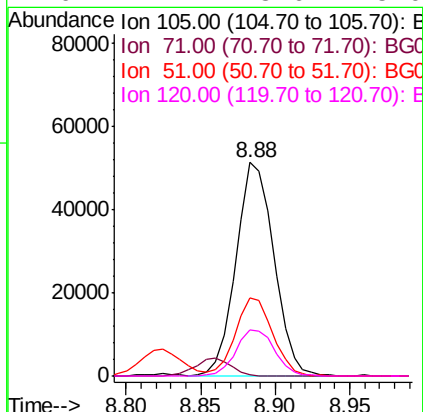
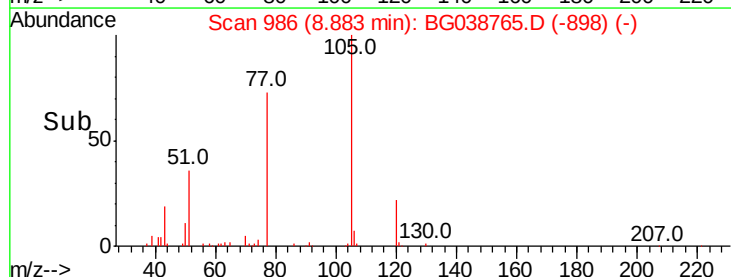
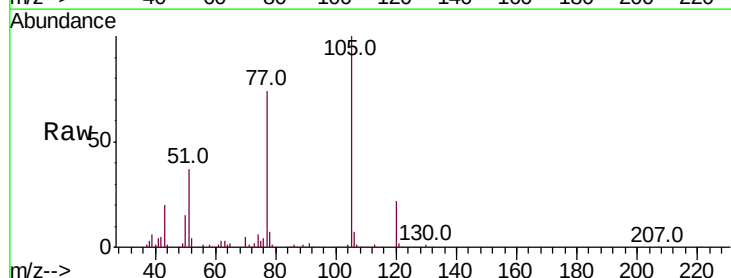
Manual Integrations
APPROVED

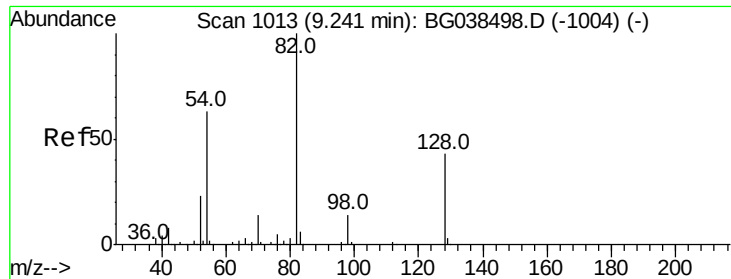
Sohil
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#22
Acetophenone
Concen: 40.995 ng
RT: 8.88 min Scan# 986
Delta R.T. -0.01 min
Lab File: BG038765.D
Acq: 20 Dec 2018 16:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.9	0.4	0.6#	
51	36.8	30.6	46.0	
120	21.7	18.6	28.0	





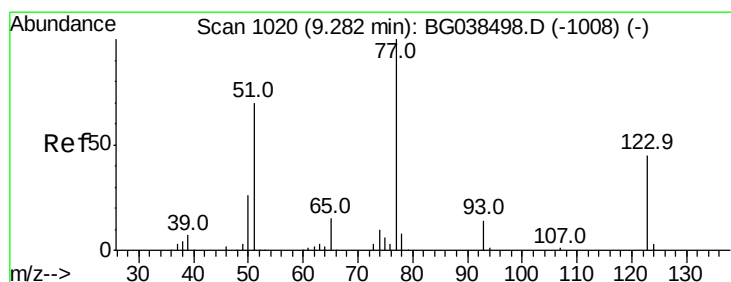
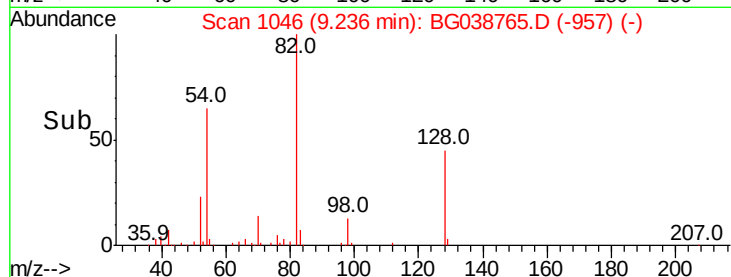
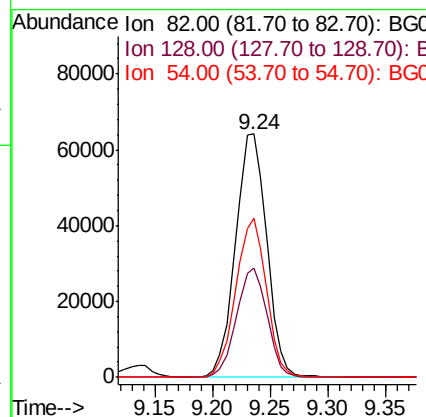
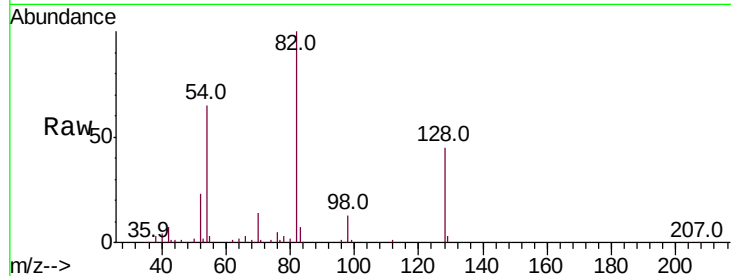
#23
Nitrobenzene-d5
Concen: 69.310 ng
RT: 9.24 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BG038765.D
Acq: 20 Dec 2018 16:53

Instrument :
BNA_G
ClientSampleId :
PB115871BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.7	34.6	52.0
54	65.3	50.6	76.0

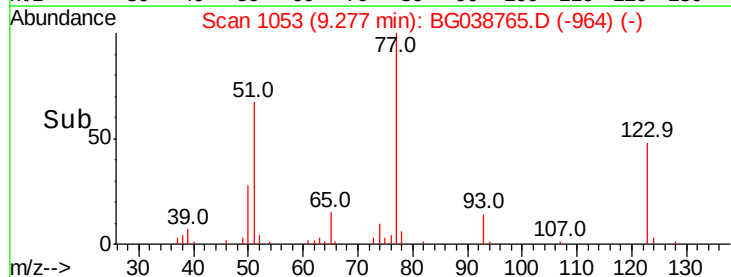
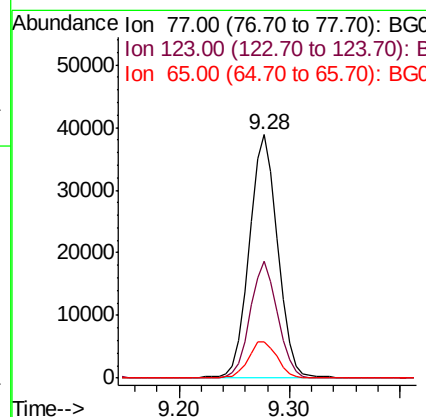
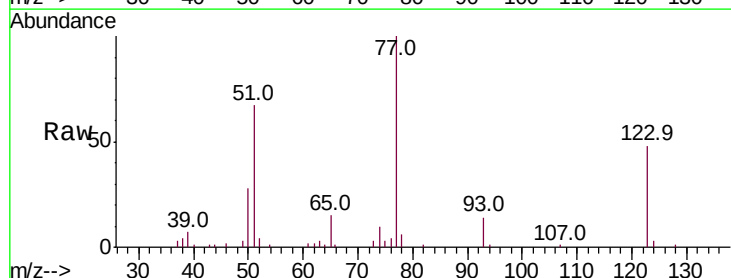
Manual Integrations
APPROVED

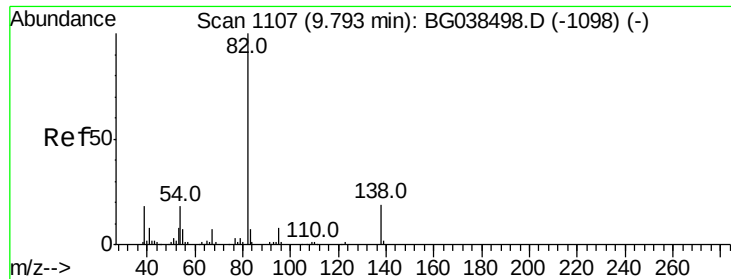
Sohil
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#24
Nitrobenzene
Concen: 39.966 ng
RT: 9.28 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BG038765.D
Acq: 20 Dec 2018 16:53

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.1	35.9	53.9
65	15.0	12.0	18.0





#25

Isophorone

Concen: 40.269 ng

RT: 9.79 min Scan# 1140

Delta R.T. -0.00 min

Lab File: BG038765.D

Acq: 20 Dec 2018 16:53

Instrument :

BNA_G

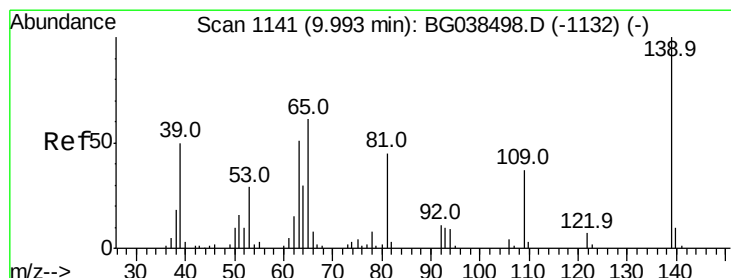
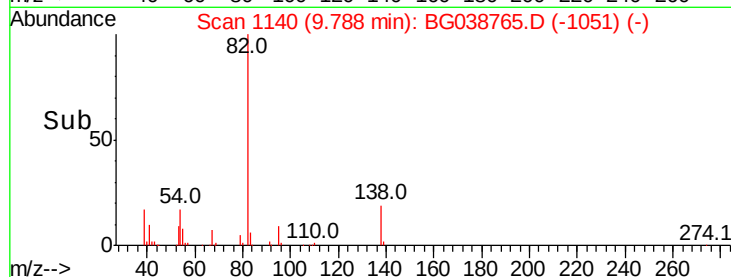
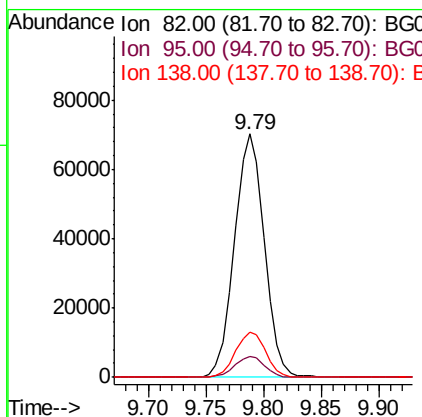
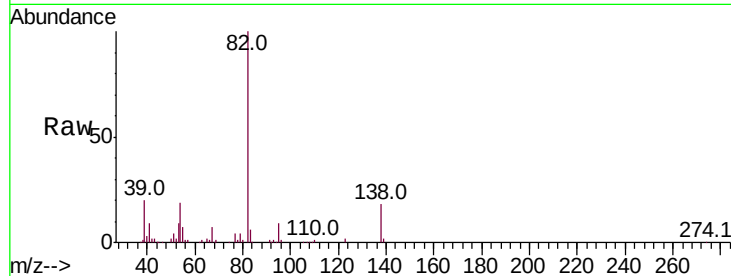
ClientSampleId :

PB115871BS

Tot Ion:	82	Resp:	125623
Ion Ratio	Lower	Upper	
82	100		
95	8.5	6.1	9.1
138	18.3	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 41.157 ng

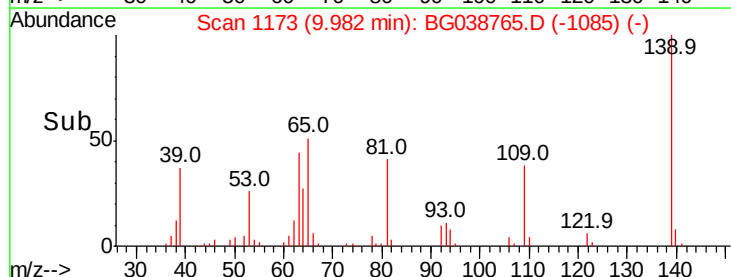
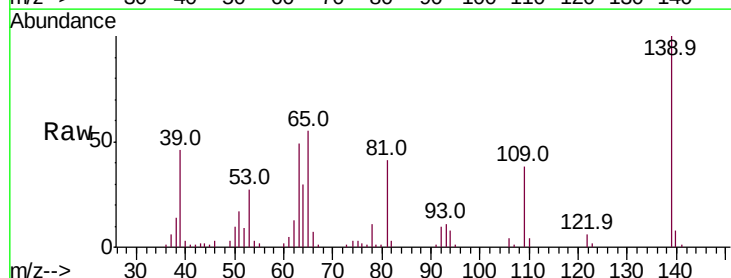
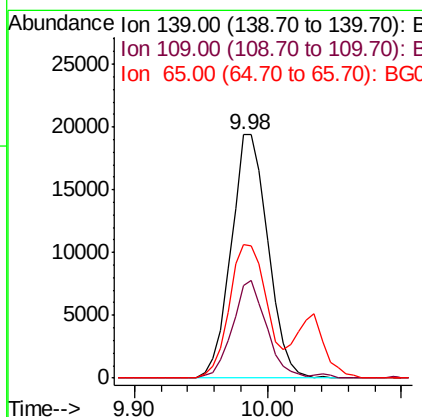
RT: 9.98 min Scan# 1173

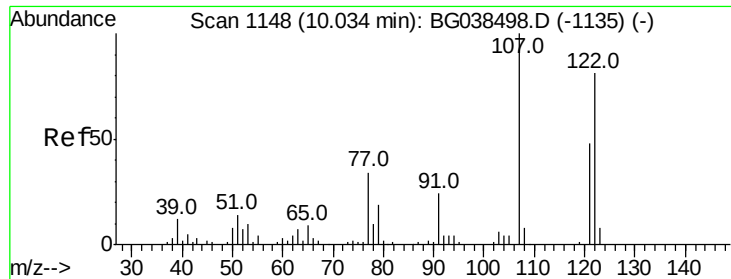
Delta R.T. -0.01 min

Lab File: BG038765.D

Acq: 20 Dec 2018 16:53

Tgt Ion:	139	Resp:	37000
Ion Ratio	Lower	Upper	
139	100		
109	37.9	29.5	44.3
65	55.0	48.5	72.7





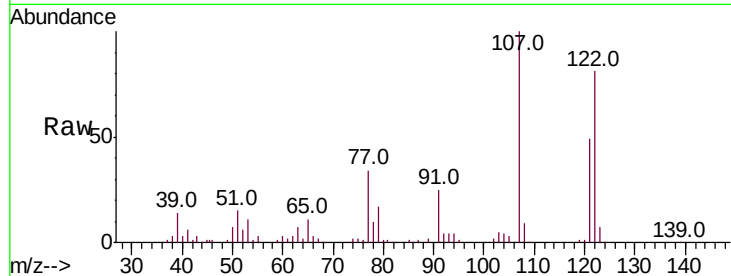
#27
 2,4-Dimethylphenol
 Concen: 48.907 ng
 RT: 10.03 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: BG038765.D
 Acq: 20 Dec 2018 16:53

Instrument :
 BNA_G
 ClientSampleId :
 PB115871BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	123.6	98.4	147.6
121	60.0	47.2	70.8

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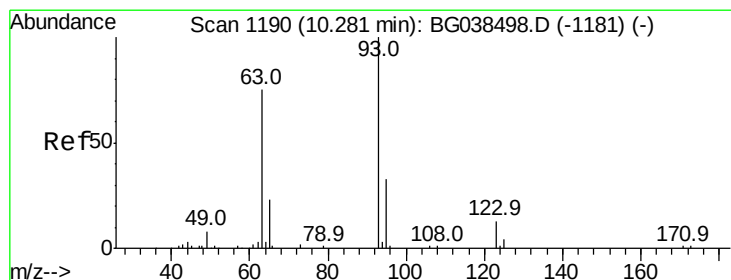
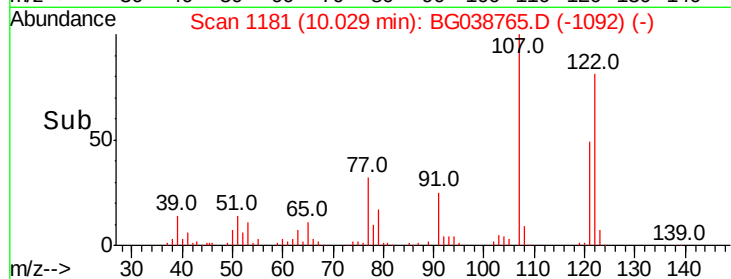
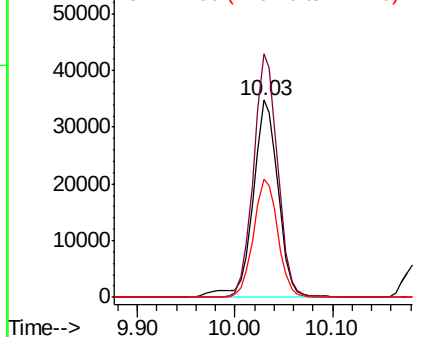


Abundance

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: 40.678 ng
 RT: 10.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BG038765.D
 Acq: 20 Dec 2018 16:53

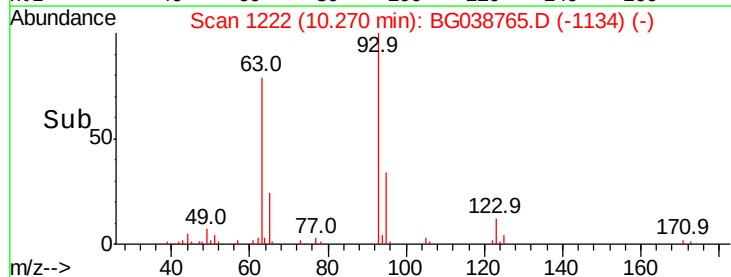
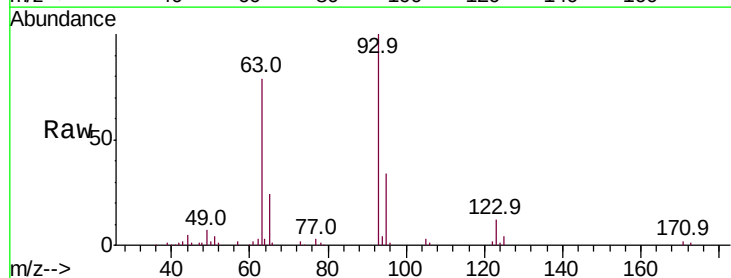
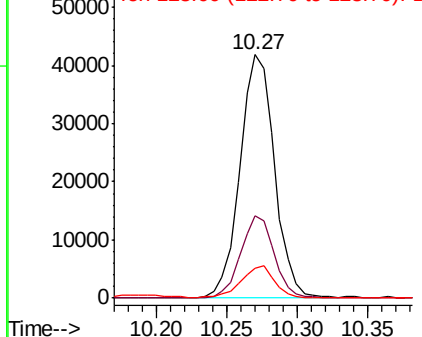
Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.7	26.6	40.0
123	12.5	10.6	16.0

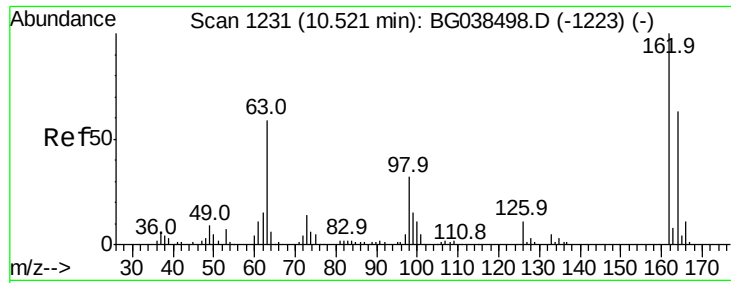
Abundance

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





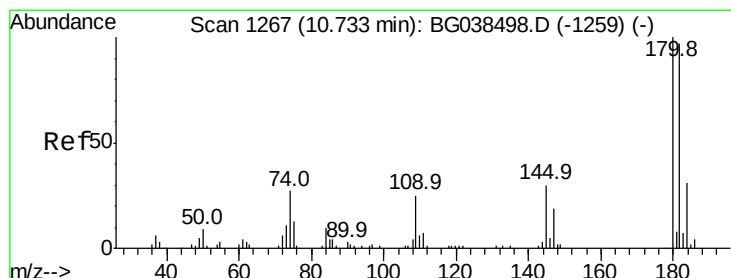
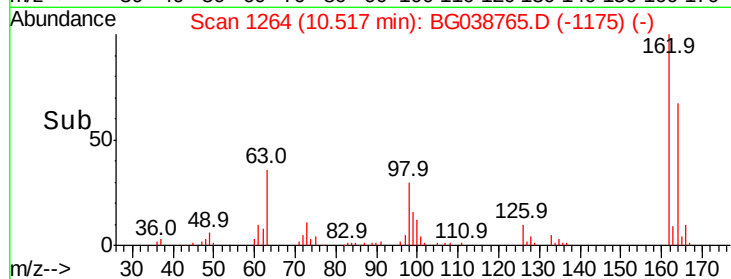
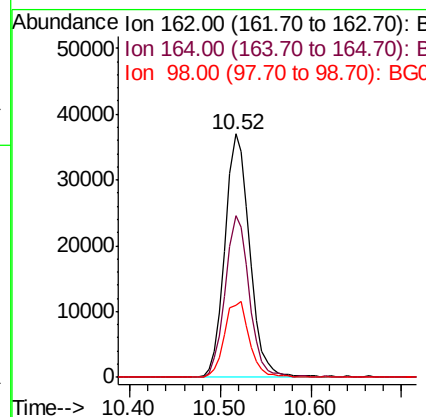
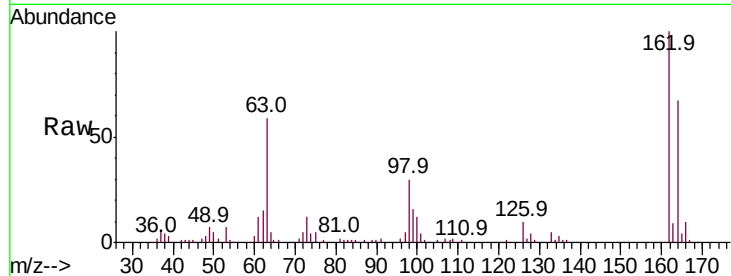
#29
 2,4-Dichlorophenol
 Concen: 48.861 ng
 RT: 10.52 min Scan# 1264
 Delta R.T. -0.00 min
 Lab File: BG038765.D
 Acq: 20 Dec 2018 16:53

Instrument :
 BNA_G
 ClientSampleID :
 PB115871BS

Tot Ion:	162	Resp:	70034
Ion Ratio	Lower	Upper	
162	100		
164	66.6	42.9	82.9
98	29.6	12.1	52.1

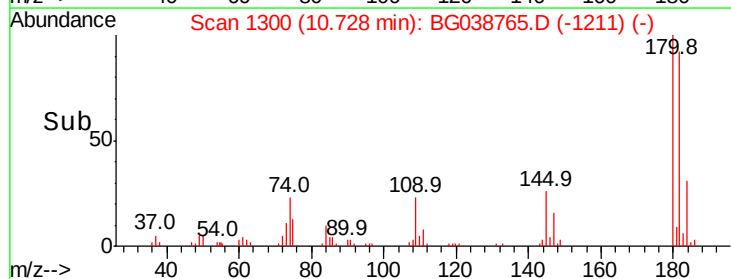
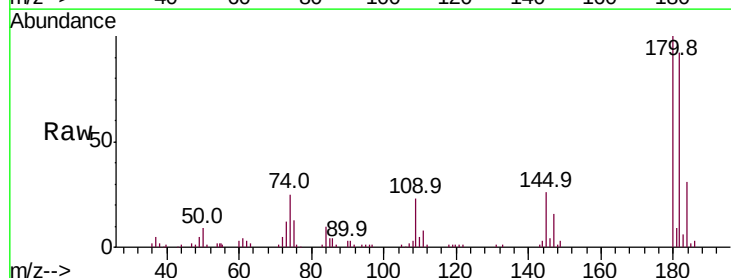
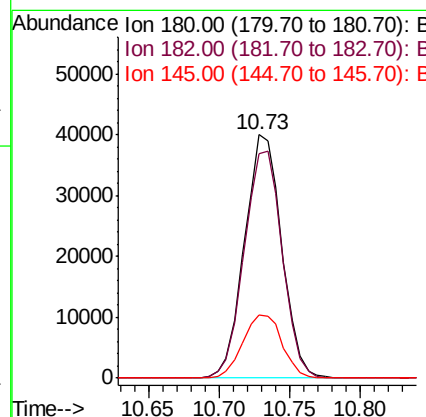
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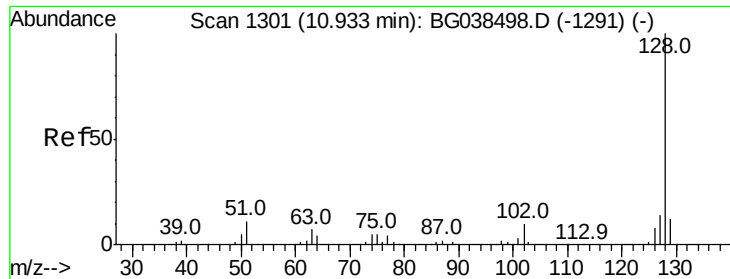
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.574 ng
 RT: 10.73 min Scan# 1300
 Delta R.T. -0.00 min
 Lab File: BG038765.D
 Acq: 20 Dec 2018 16:53

Tgt Ion:	180	Resp:	73711
Ion Ratio	Lower	Upper	
180	100		
182	92.4	77.4	116.0
145	26.2	24.1	36.1





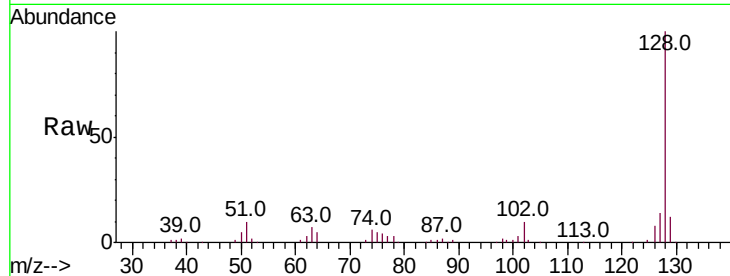
#31
Naphthalene
Concen: 44.482 ng
RT: 10.92 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BG038765.D
Acq: 20 Dec 2018 16:53

Instrument :
BNA_G
ClientSampleId :
PB115871BS

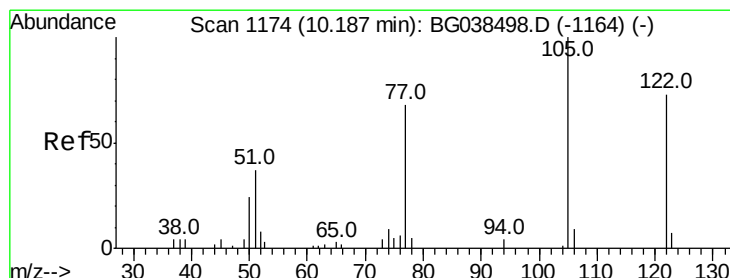
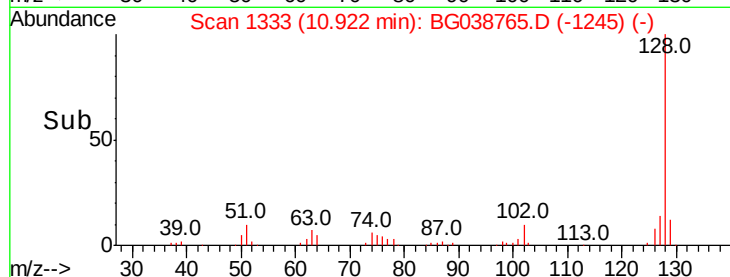
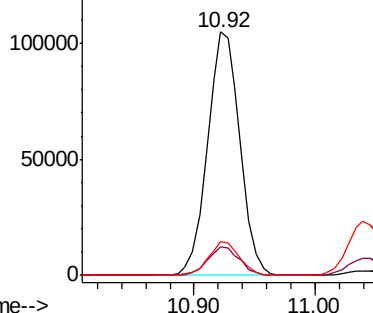
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.5	14.3
127	13.8	10.9	16.3

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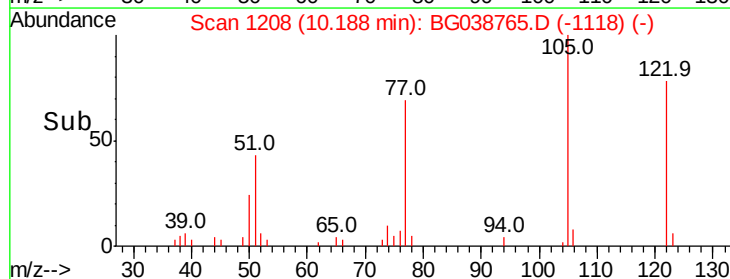
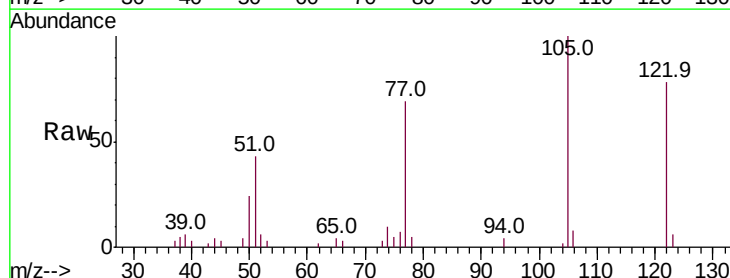
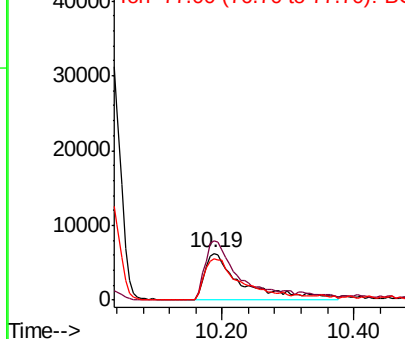
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

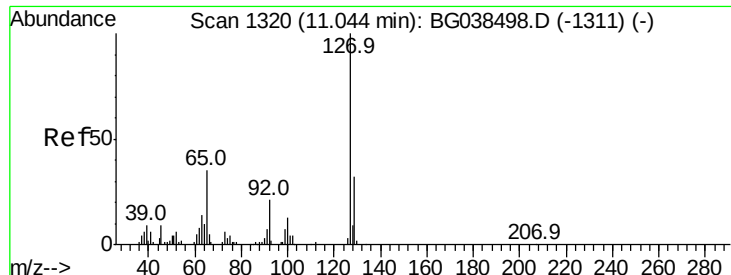


#32
Benzoic acid
Concen: 34.577 ng m
RT: 10.19 min Scan# 1208
Delta R.T. 0.00 min
Lab File: BG038765.D
Acq: 20 Dec 2018 16:53

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.7	116.7	156.7
77	88.2	72.5	112.5

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





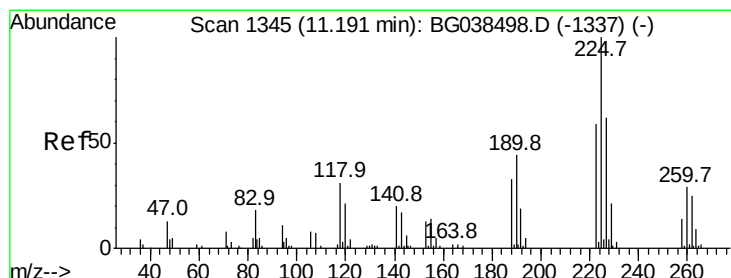
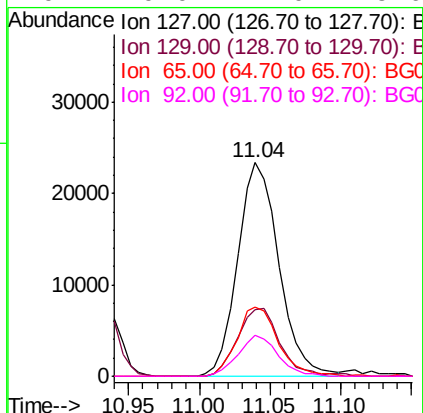
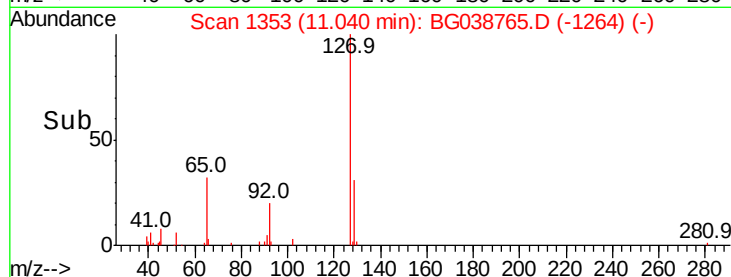
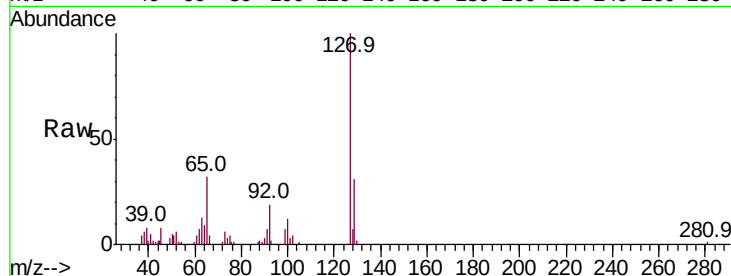
#33
4-Chloroaniline
Concen: 25.221 ng
RT: 11.04 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BG038765.D
Acq: 20 Dec 2018 16:53

Instrument :
BNA_G
ClientSampleId :
PB115871BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.3	25.8	38.8
65	32.2	27.8	41.6
92	19.0	17.0	25.6

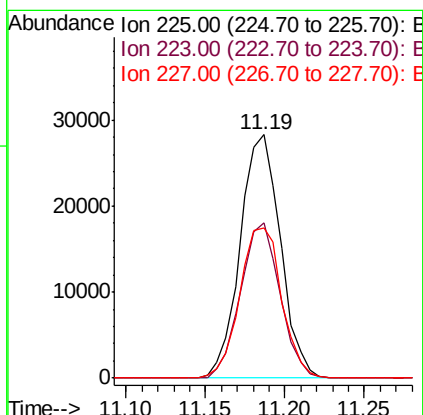
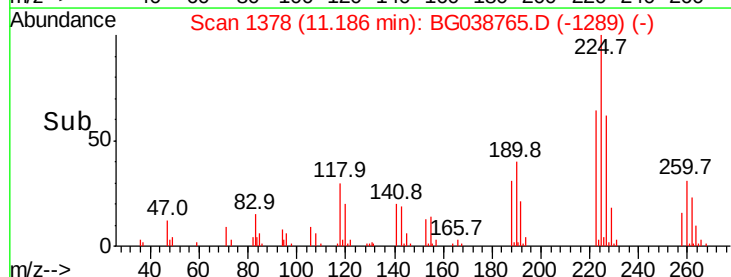
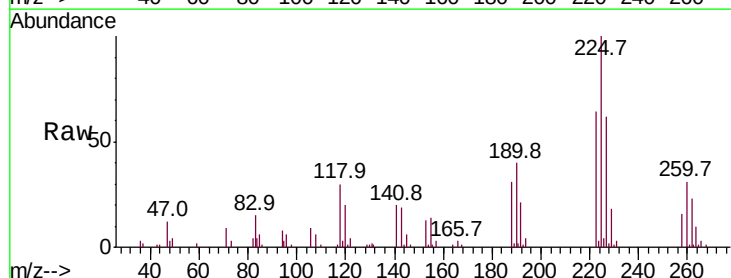
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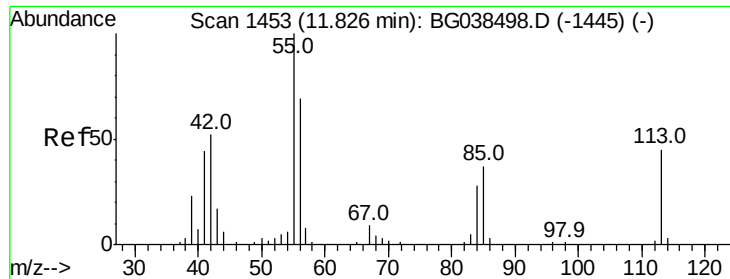
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#34
Hexachlorobutadiene
Concen: 42.530 ng
RT: 11.19 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BG038765.D
Acq: 20 Dec 2018 16:53

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.2	45.0	67.6
227	61.6	50.6	75.8





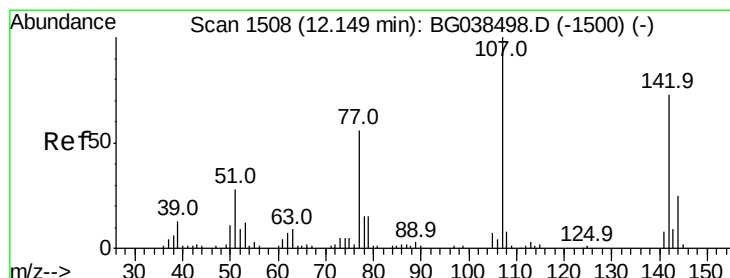
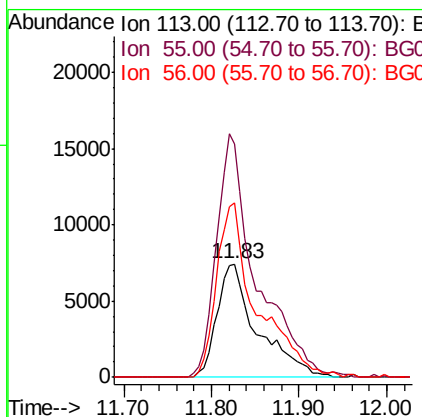
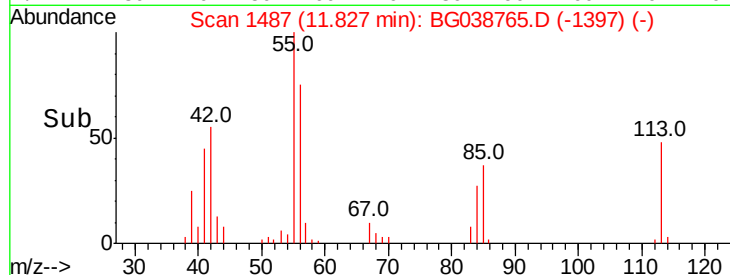
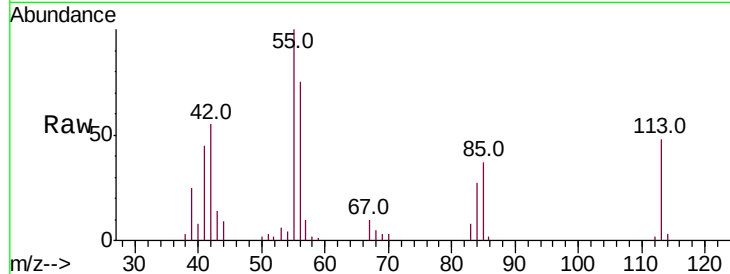
#35
 Caprolactam
 Concen: 39.828 ng
 RT: 11.83 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: BG038765.D
 Acq: 20 Dec 2018 16:53

Instrument :
 BNA_G
 ClientSampleId :
 PB115871BS

Tot Ion:113 Resp: 23625
 Ion Ratio Lower Upper
 113 100
 55 206.4 204.3 244.3
 56 154.8 135.0 175.0

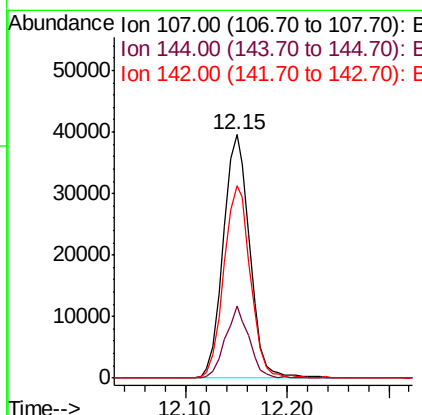
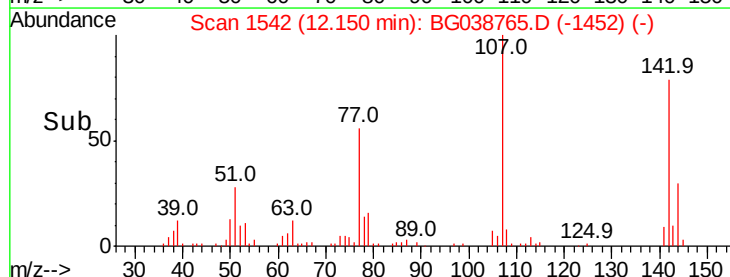
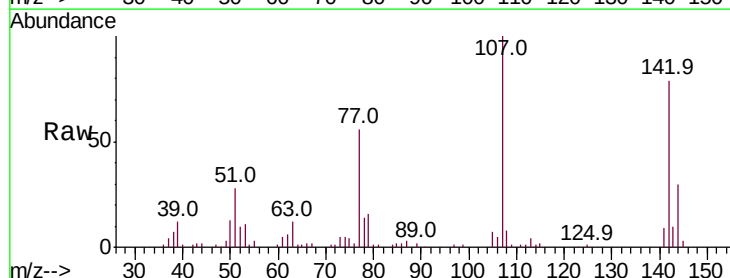
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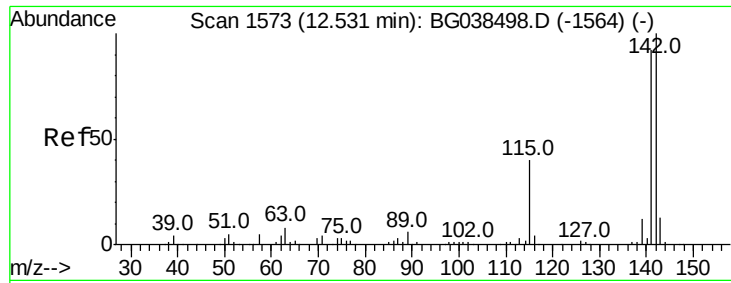
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#36
 4-Chloro-3-methylphenol
 Concen: 43.603 ng
 RT: 12.15 min Scan# 1542
 Delta R.T. 0.00 min
 Lab File: BG038765.D
 Acq: 20 Dec 2018 16:53

Tgt Ion:107 Resp: 71321
 Ion Ratio Lower Upper
 107 100
 144 29.8 20.1 30.1
 142 78.8 58.7 88.1





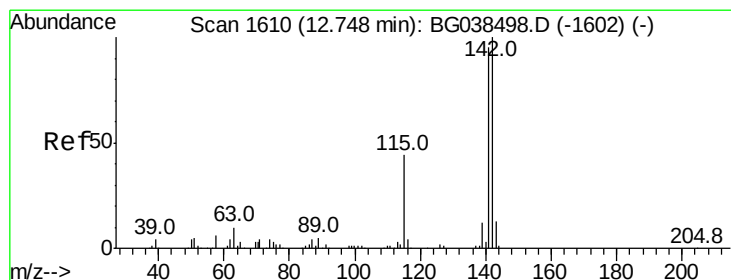
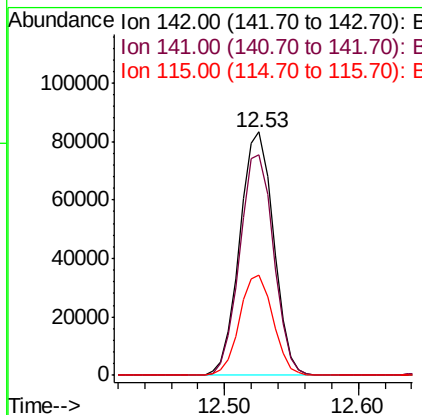
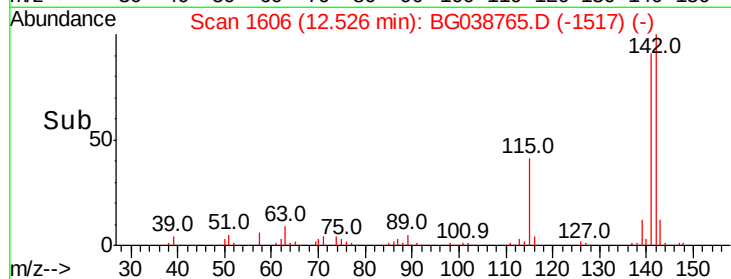
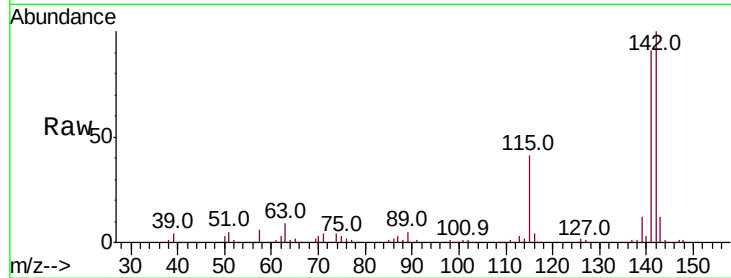
#37
 2-Methylnaphthalene
 Concen: 46.869 ng
 RT: 12.53 min Scan# 1606
 Delta R.T. -0.00 min
 Lab File: BG038765.D
 Acq: 20 Dec 2018 16:53

Instrument :
 BNA_G
 ClientSampleId :
 PB115871BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.6	73.5	110.3
115	41.3	31.7	47.5

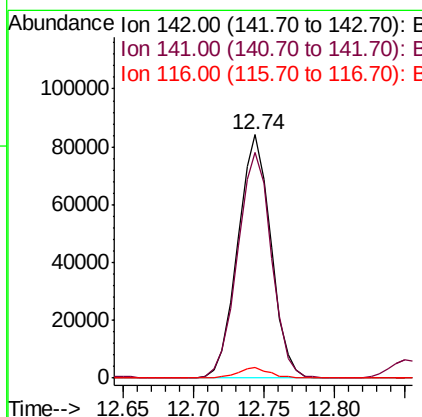
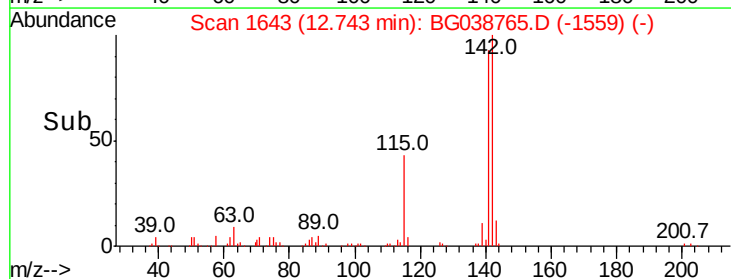
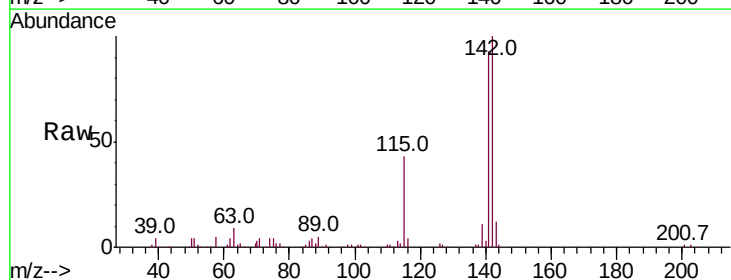
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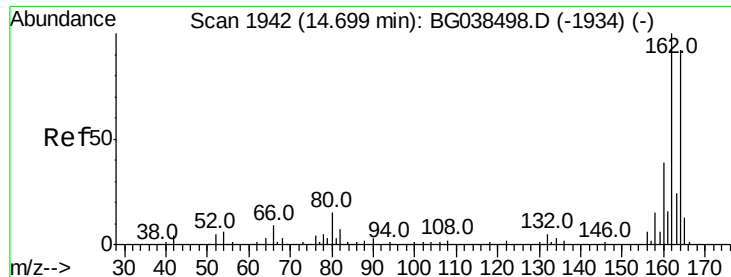
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#38
 1-Methylnaphthalene
 Concen: 45.700 ng
 RT: 12.74 min Scan# 1643
 Delta R.T. -0.00 min
 Lab File: BG038765.D
 Acq: 20 Dec 2018 16:53

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.8	75.8	113.8
116	4.2	3.6	5.4





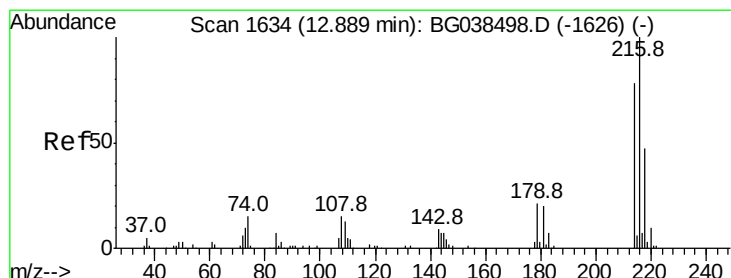
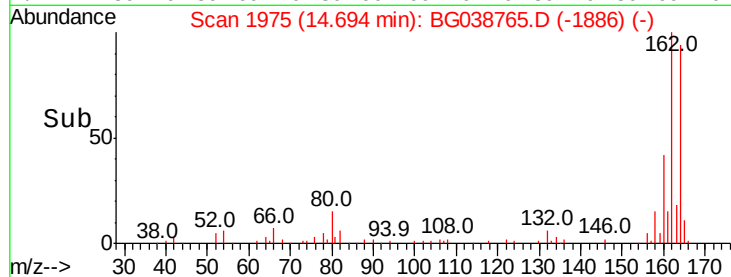
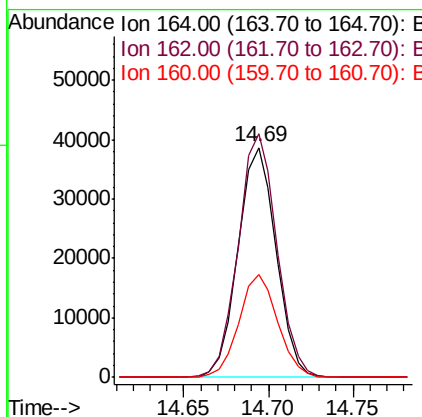
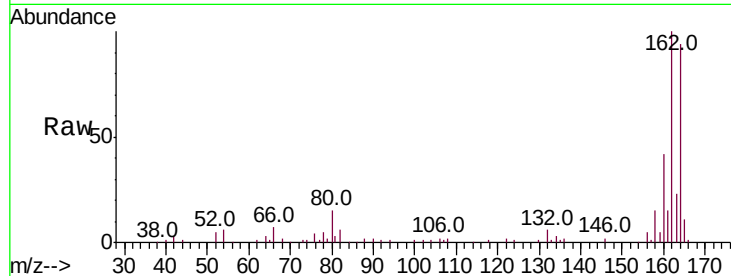
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.00 min
 Lab File: BG038765.D
 Acq: 20 Dec 2018 16:53

Instrument :
 BNA_G
 ClientSampleId :
 PB115871BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	106.0	86.6	130.0
160	44.6	34.2	51.2

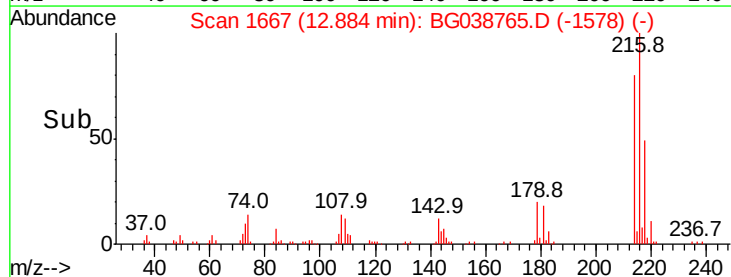
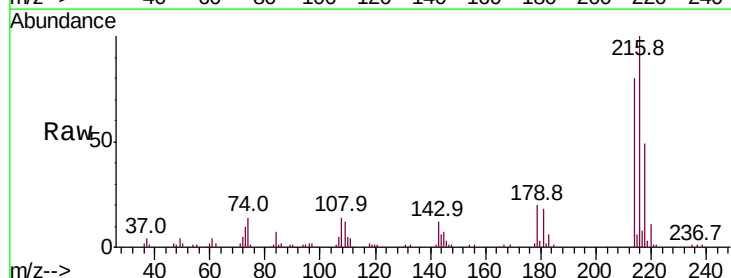
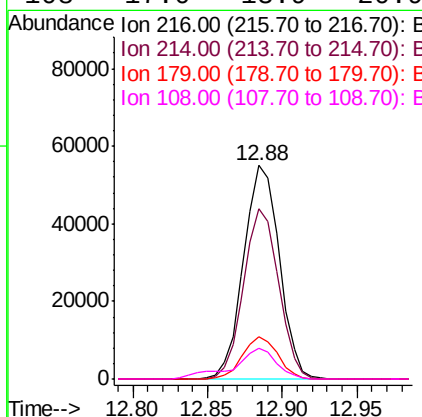
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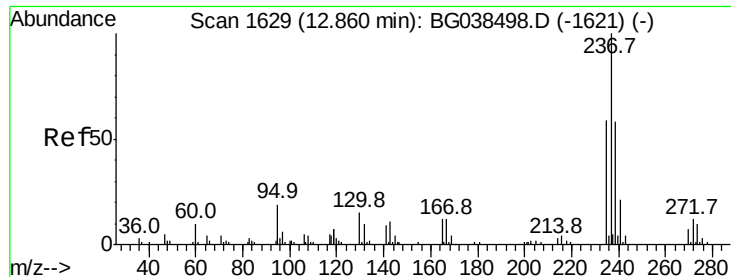
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.258 ng
 RT: 12.88 min Scan# 1667
 Delta R.T. -0.00 min
 Lab File: BG038765.D
 Acq: 20 Dec 2018 16:53

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.4	64.1	96.1
179	19.4	16.4	24.6
108	17.0	13.9	20.9





#41

Hexachlorocyclopentadiene

Concen: 85.625 ng

RT: 12.85 min Scan# 1661

Delta R.T. -0.01 min

Lab File: BG038765.D

Acq: 20 Dec 2018 16:53

Instrument :

BNA_G

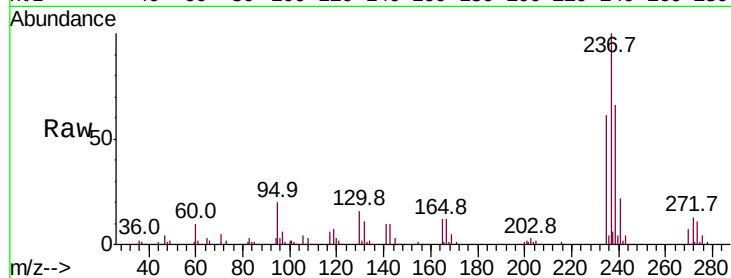
ClientSampleId :

PB115871BS

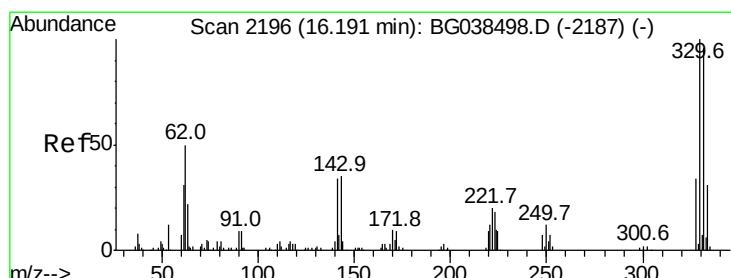
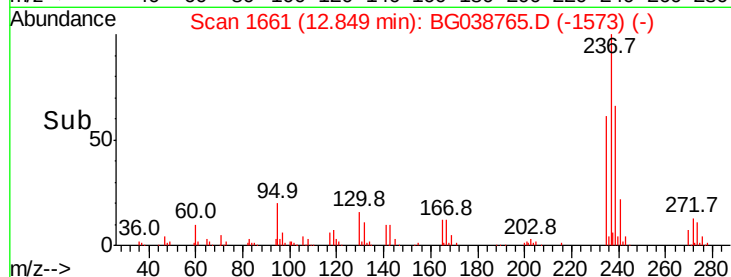
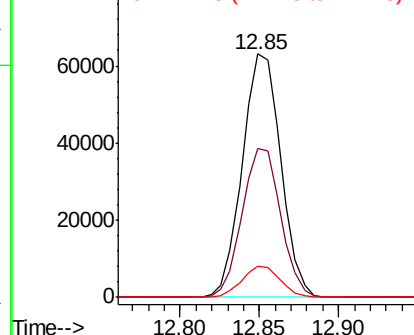
Tot Ion:	237	Resp:	106523
Ion Ratio	Lower	Upper	
237	100		
235	61.4	38.8	78.8
272	12.7	0.0	32.0

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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: 154.496 ng

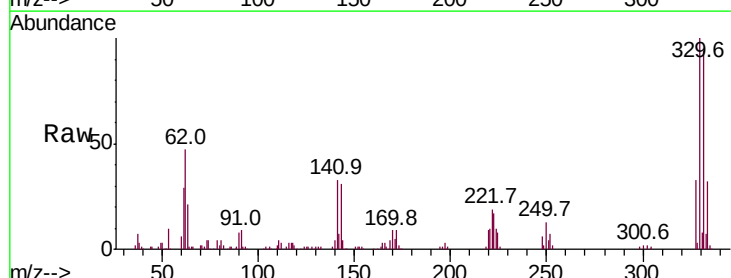
RT: 16.19 min Scan# 2229

Delta R.T. -0.00 min

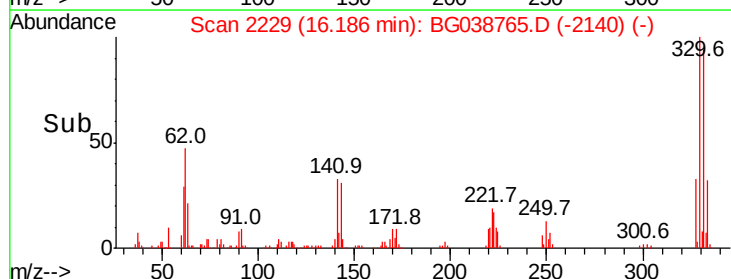
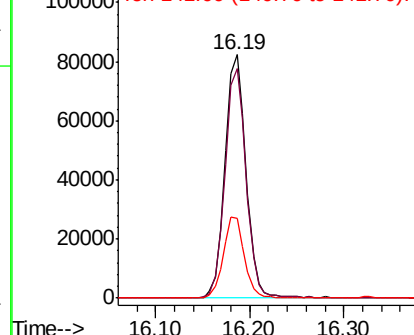
Lab File: BG038765.D

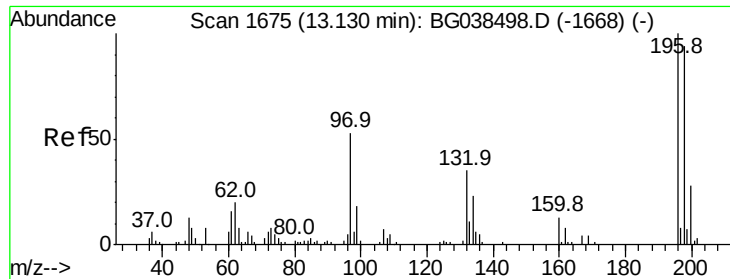
Acq: 20 Dec 2018 16:53

Tgt Ion:	330	Resp:	128987
Ion Ratio	Lower	Upper	
330	100		
332	94.6	76.9	115.3
141	33.1	28.8	43.2



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





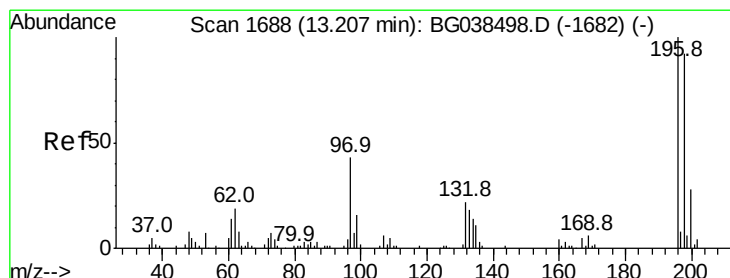
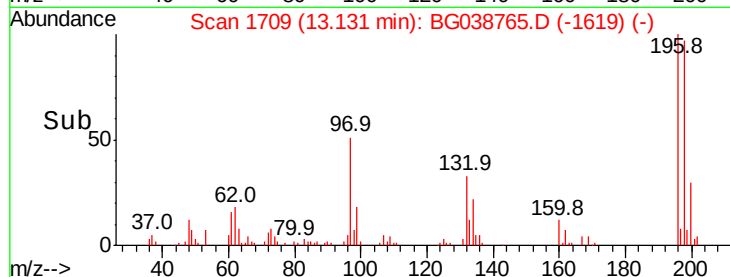
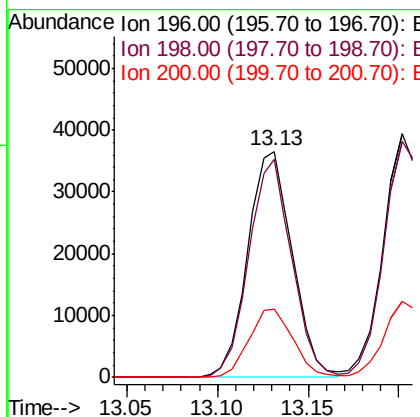
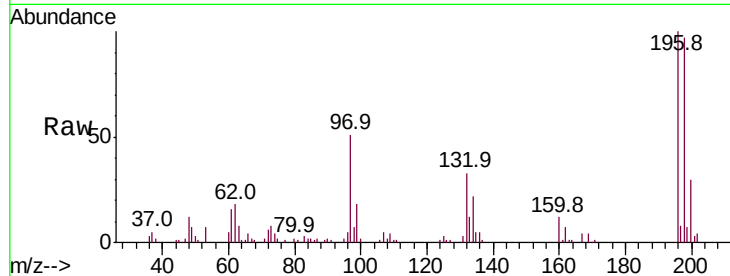
#43
 2,4,6-Trichlorophenol
 Concen: 44.653 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. 0.00 min
 Lab File: BG038765.D
 Acq: 20 Dec 2018 16:53

Instrument :
 BNA_G
 ClientSampleId :
 PB115871BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	62171		
198	96.6	75.0	112.4	
200	30.0	22.4	33.6	

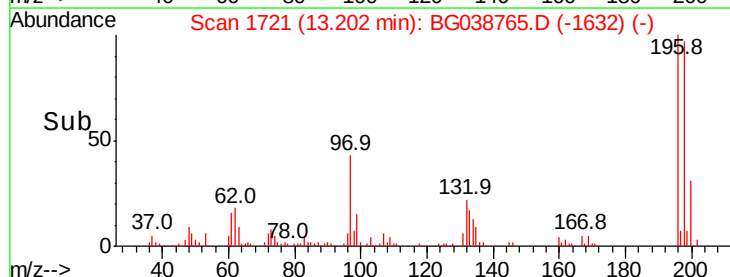
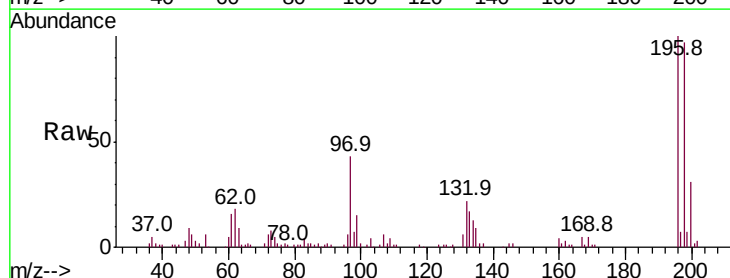
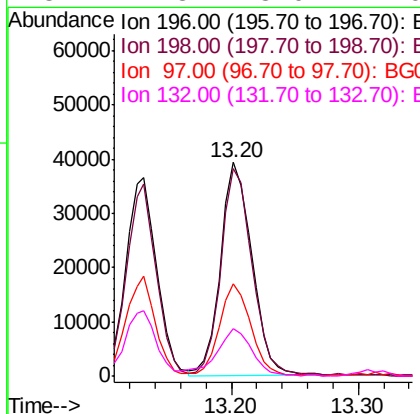
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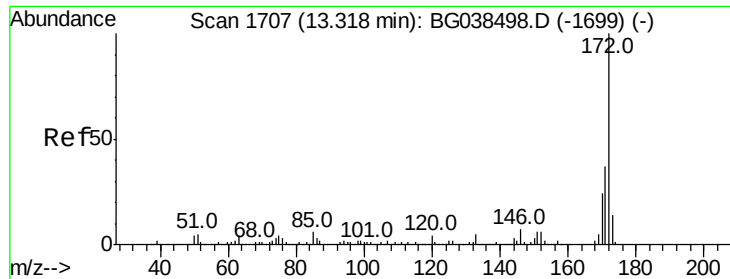
Sohil
 12/21/2018 2:43:38 PM



#44
 2,4,5-Trichlorophenol
 Concen: 45.867 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.00 min
 Lab File: BG038765.D
 Acq: 20 Dec 2018 16:53

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	67614		
198	97.0	74.0	111.0	
97	43.1	35.1	52.7	
132	22.3	18.0	27.0	





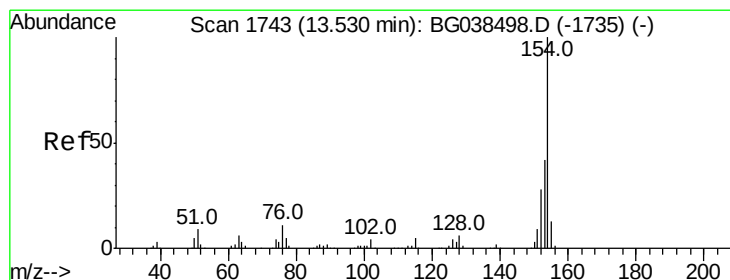
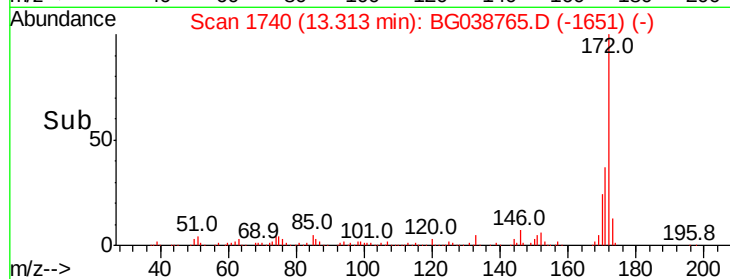
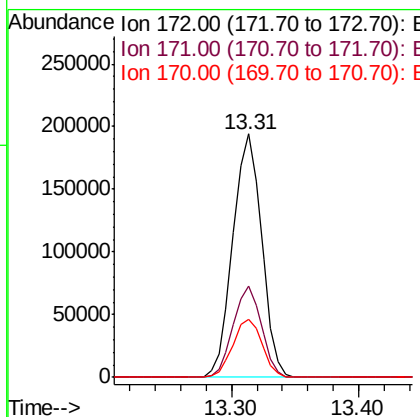
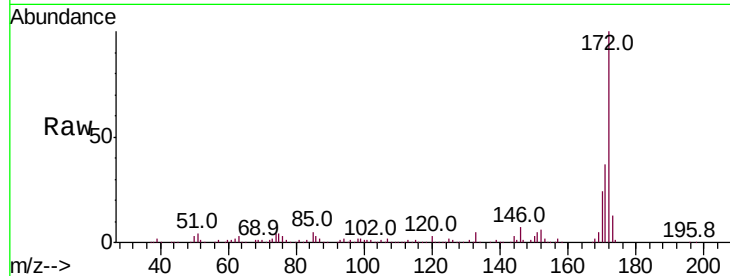
#45
2-Fluorobiphenyl
Concen: 69.048 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.00 min
Lab File: BG038765.D
Acq: 20 Dec 2018 16:53

Instrument :
BNA_G
ClientSampled :
PB115871BS

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	37.3	29.8	44.6	
170	24.0	19.5	29.3	

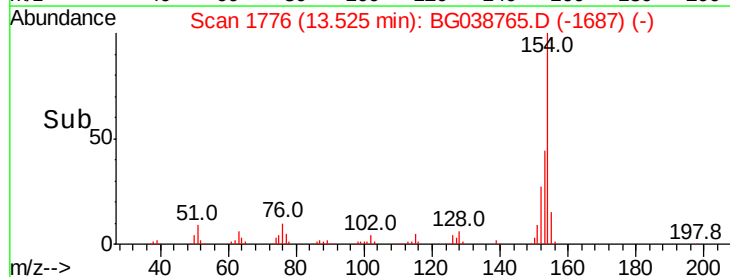
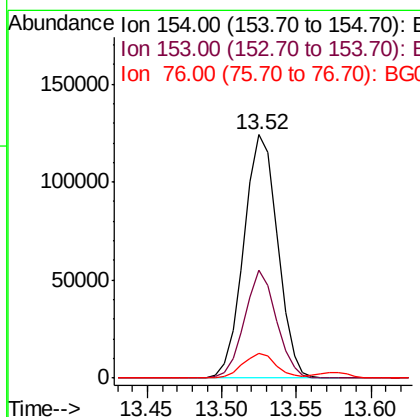
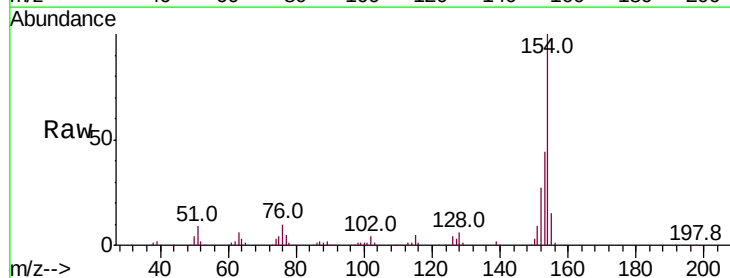
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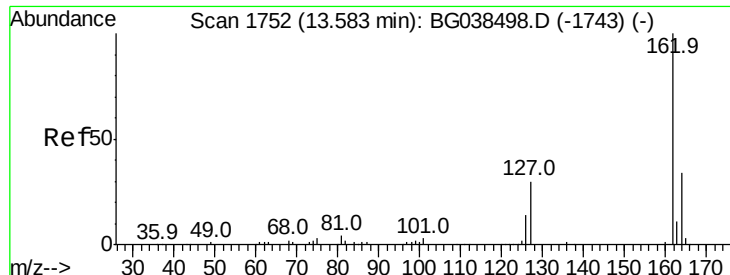
Sohil
12/21/2018 2:43:38 PM



#46
1,1'-Biphenyl
Concen: 38.230 ng
RT: 13.52 min Scan# 1776
Delta R.T. -0.00 min
Lab File: BG038765.D
Acq: 20 Dec 2018 16:53

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	44.3	22.1	62.1	
76	10.1	0.0	31.2	





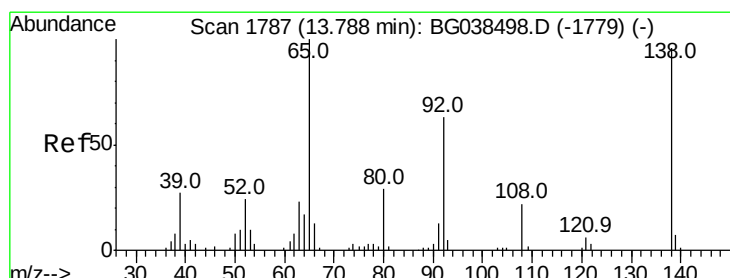
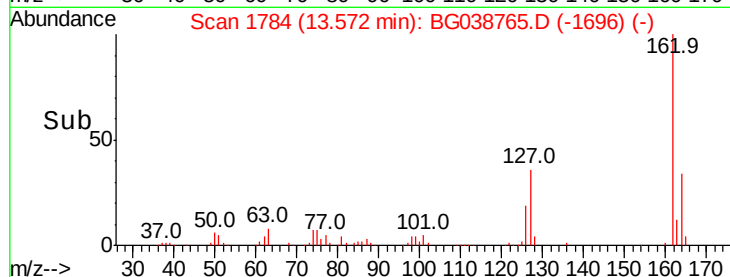
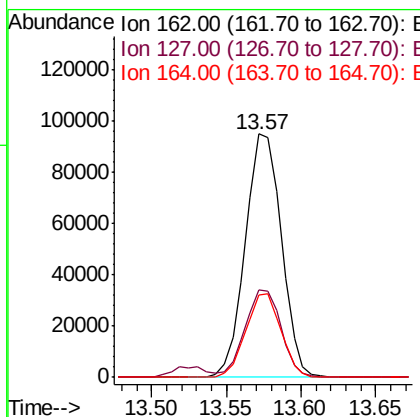
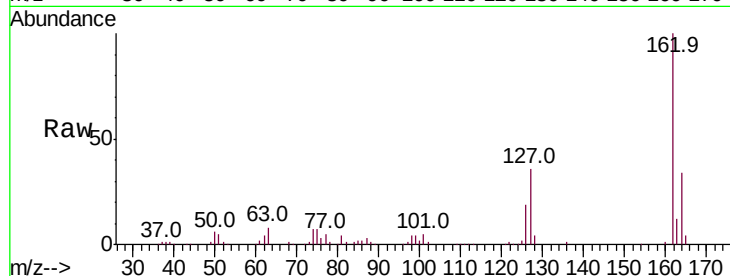
#47
 2-Chloronaphthalene
 Concen: 40.429 ng
 RT: 13.57 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: BG038765.D
 Acq: 20 Dec 2018 16:53

Instrument :
 BNA_G
 ClientSampleId :
 PB115871BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	36.0	27.8	41.8	
164	33.6	26.9	40.3	

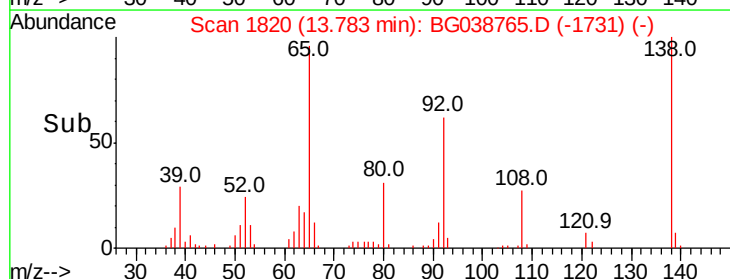
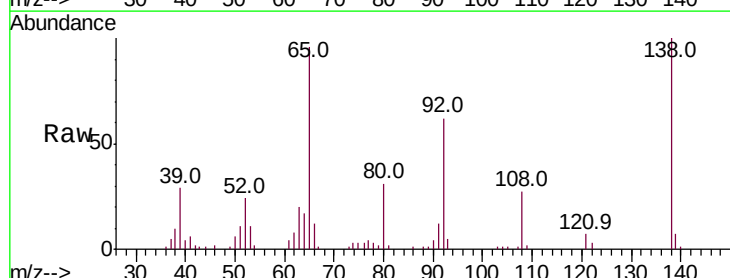
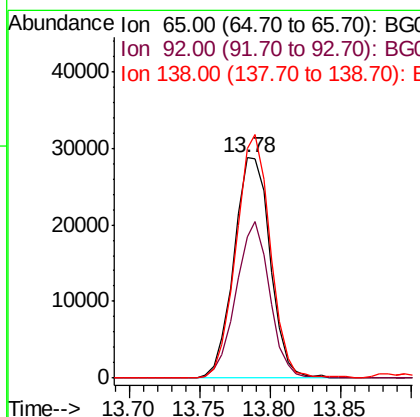
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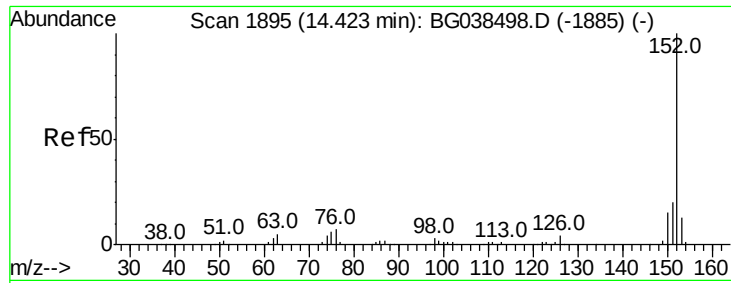
Sohil
 12/21/2018 2:43:38 PM



#48
 2-Nitroaniline
 Concen: 41.325 ng
 RT: 13.78 min Scan# 1820
 Delta R.T. -0.00 min
 Lab File: BG038765.D
 Acq: 20 Dec 2018 16:53

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	64.3	50.0	75.0	
138	103.9	76.9	115.3	





#49

Acenaphthylene

Concen: 44.594 ng

RT: 14.42 min Scan# 1928

Delta R.T. -0.00 min

Lab File: BG038765.D

Acq: 20 Dec 2018 16:53

Instrument :

BNA_G

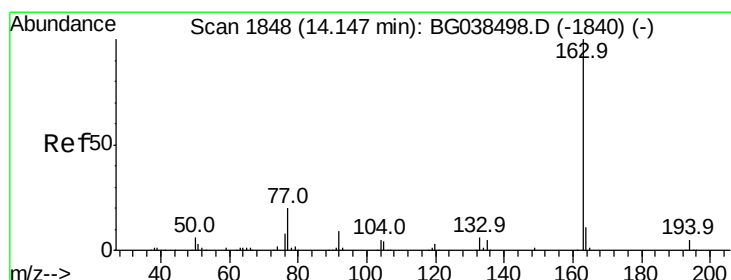
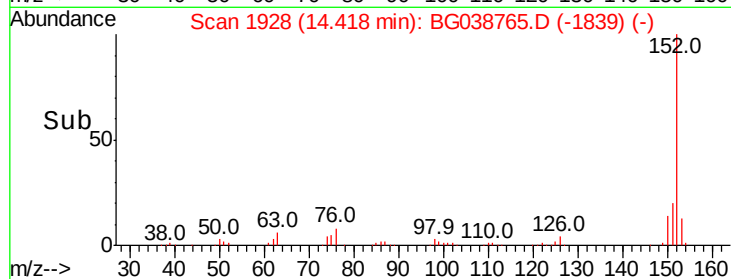
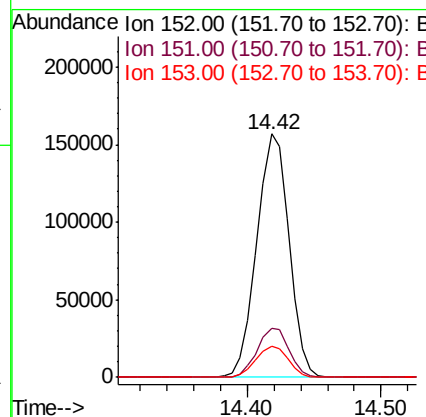
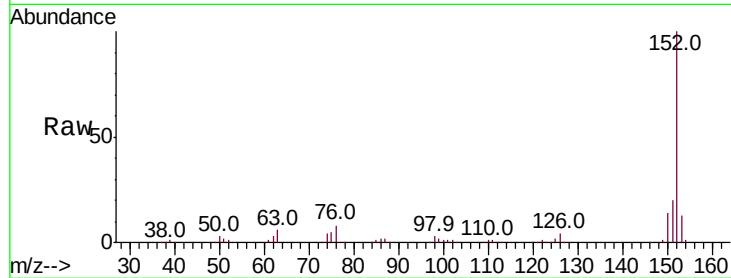
ClientSampleId :

PB115871BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.4	24.6
153	12.9	10.4	15.6

Manual Integrations
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#50

Dimethylphthalate

Concen: 41.614 ng

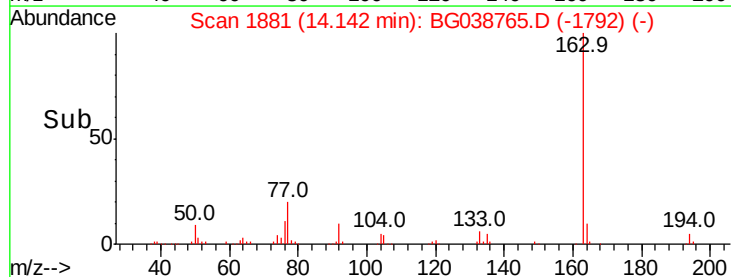
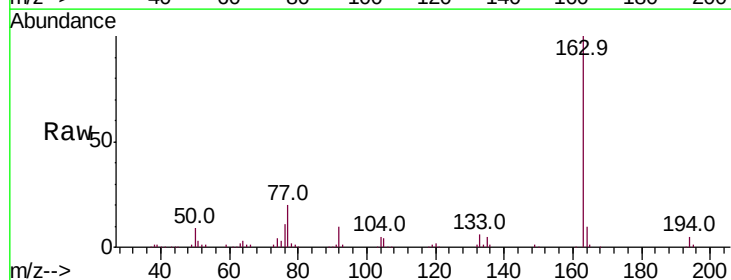
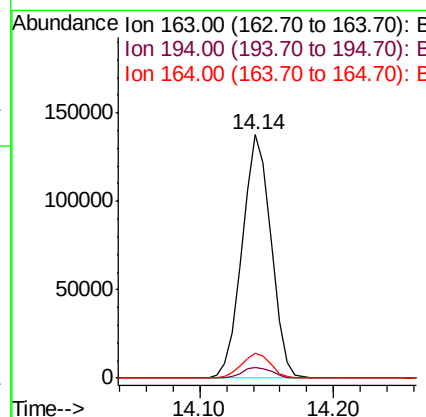
RT: 14.14 min Scan# 1881

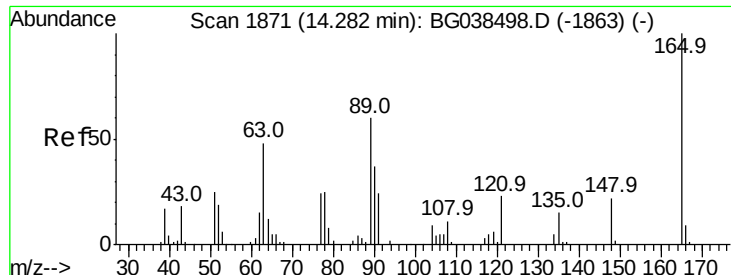
Delta R.T. -0.00 min

Lab File: BG038765.D

Acq: 20 Dec 2018 16:53

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.7	5.5
164	10.0	8.6	12.8





#51

2,6-Dinitrotoluene

Concen: 41.651 ng

RT: 14.28 min Scan# 1904

Delta R.T. -0.00 min

Lab File: BG038765.D

Acq: 20 Dec 2018 16:53

Instrument :

BNA_G

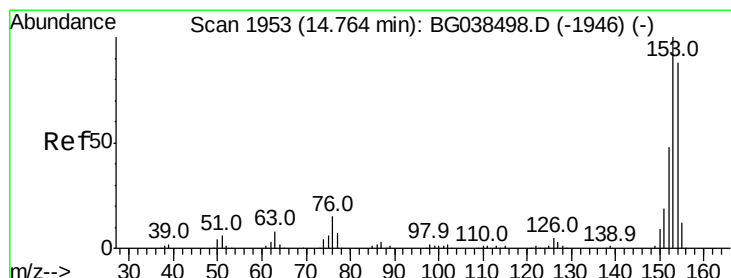
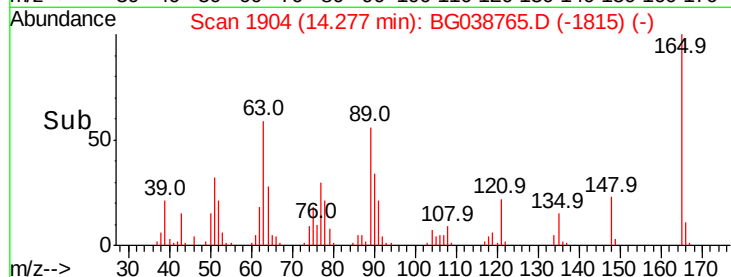
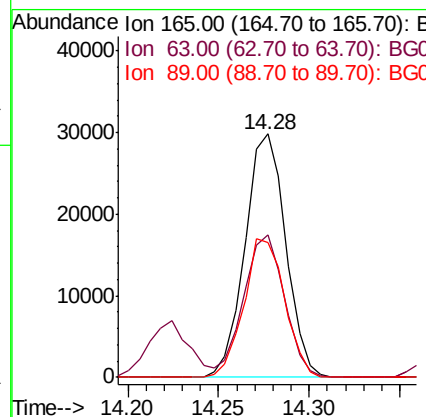
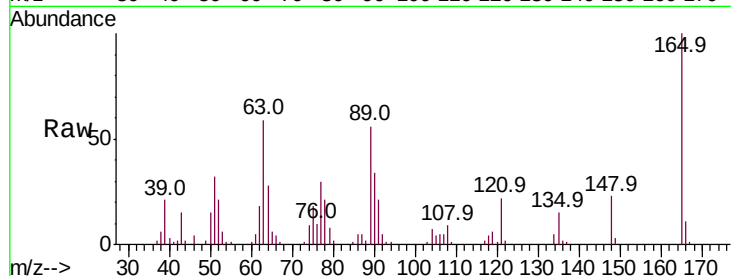
ClientSampleId :

PB115871BS

Tot Ion:	165	Resp:	46695
Ion Ratio	Lower	Upper	
165	100		
63	58.6	51.8	77.6
89	55.6	47.9	71.9

Manual Integrations
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#52

Acenaphthene

Concen: 42.301 ng

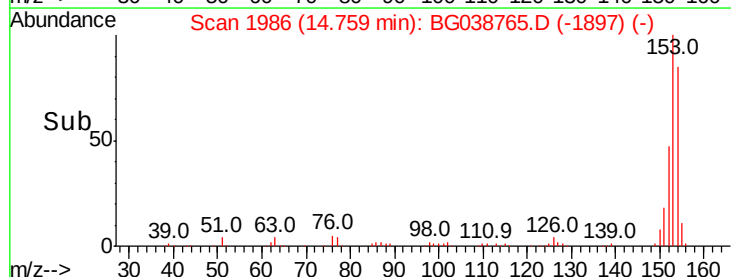
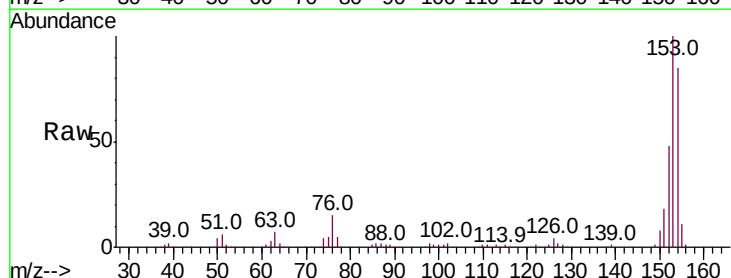
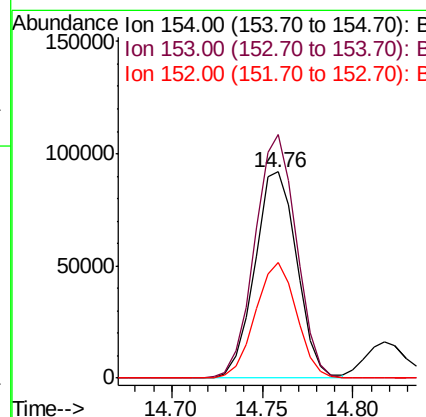
RT: 14.76 min Scan# 1986

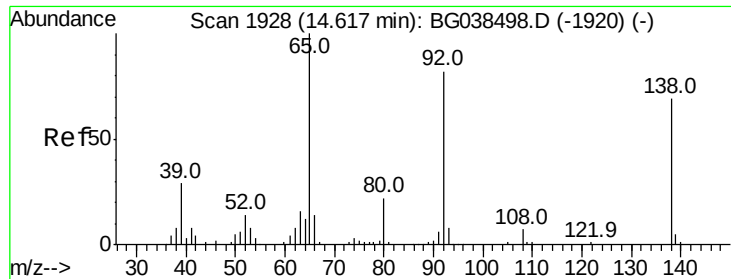
Delta R.T. -0.00 min

Lab File: BG038765.D

Acq: 20 Dec 2018 16:53

Tgt Ion:	154	Resp:	148341
Ion Ratio	Lower	Upper	
154	100		
153	118.0	90.6	136.0
152	56.2	43.5	65.3





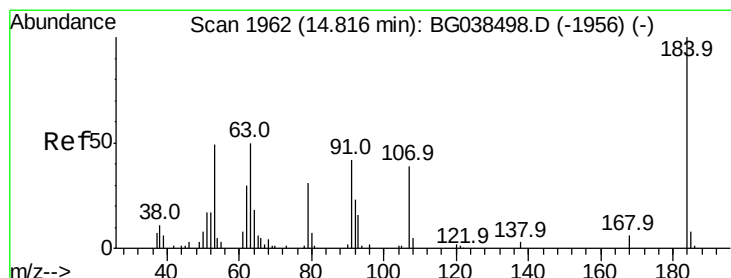
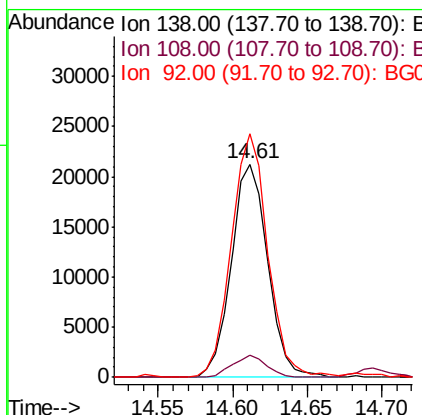
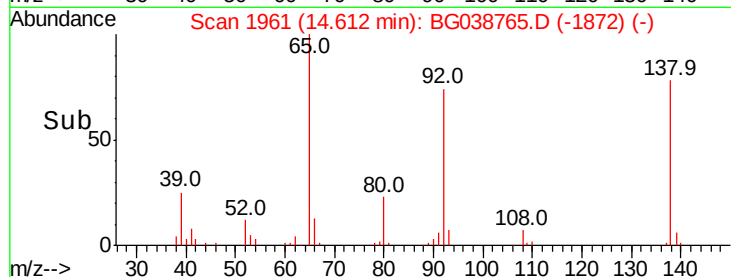
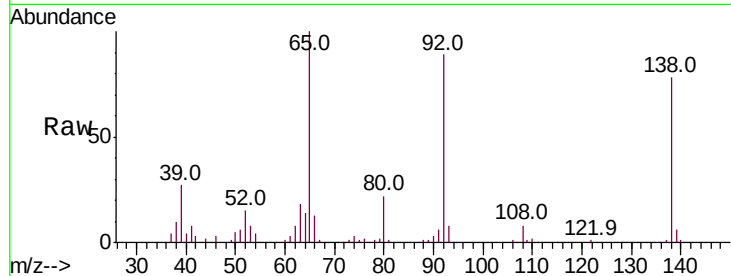
#53
3-Nitroaniline
Concen: 31.635 ng
RT: 14.61 min Scan# 1961
Delta R.T. -0.00 min
Lab File: BG038765.D
Acq: 20 Dec 2018 16:53

Instrument :
BNA_G
ClientSampleId :
PB115871BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.2	7.9	11.9
92	114.3	95.3	142.9

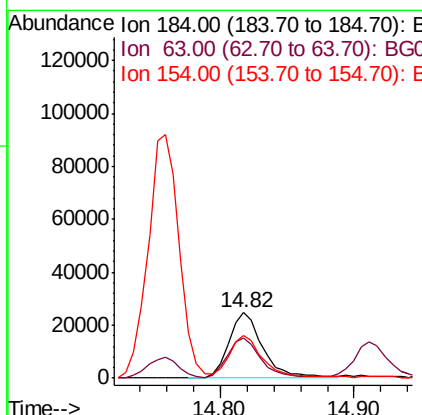
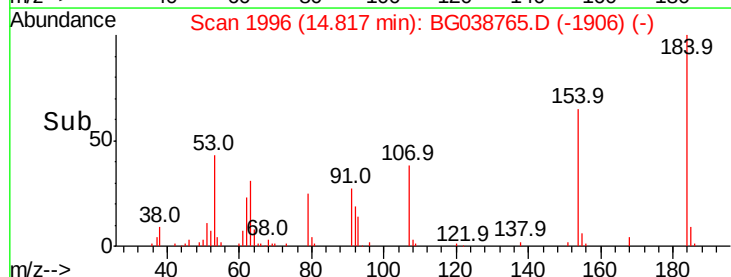
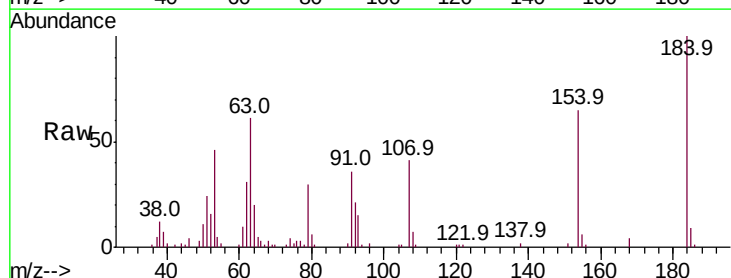
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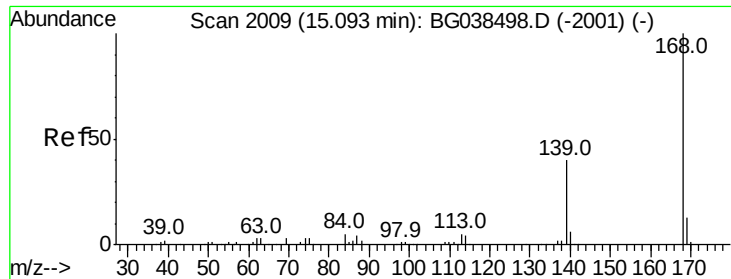
Sohil
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#54
2,4-Dinitrophenol
Concen: 67.118 ng
RT: 14.82 min Scan# 1996
Delta R.T. 0.00 min
Lab File: BG038765.D
Acq: 20 Dec 2018 16:53

Tgt Ion	Ratio	Lower	Upper
184	100		
63	61.0	47.0	70.6
154	65.0	50.3	75.5





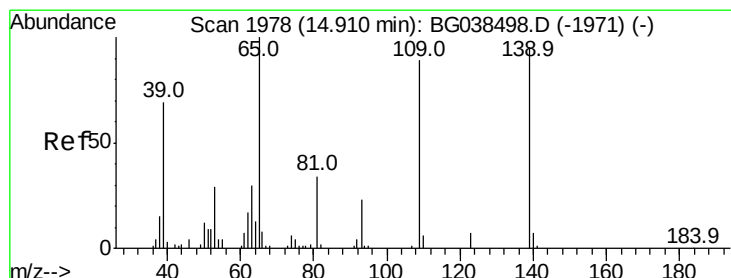
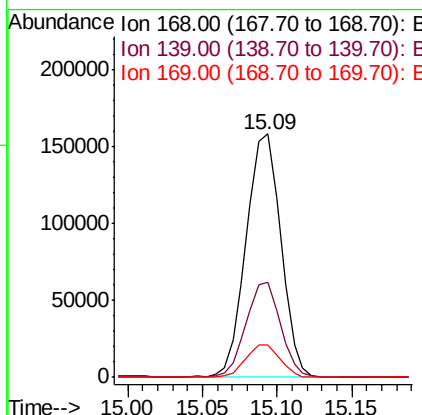
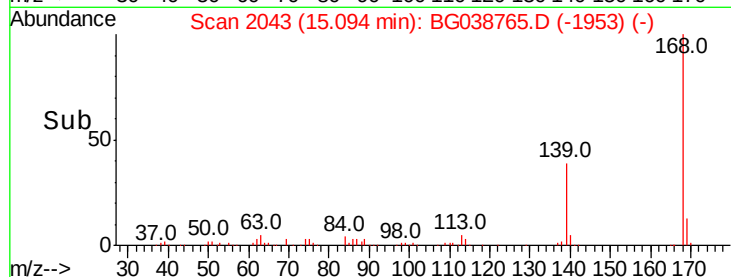
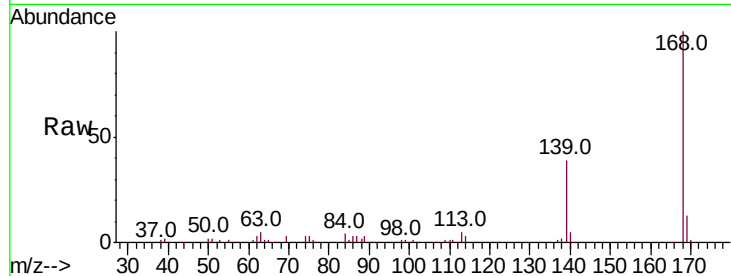
#55
Dibenzenofuran
Concen: 42.396 ng
RT: 15.09 min Scan# 2043
Delta R.T. 0.00 min
Lab File: BG038765.D
Acq: 20 Dec 2018 16:53

Instrument :
BNA_G
ClientSampleId :
PB115871BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.9	32.2	48.2
169	13.2	10.6	16.0

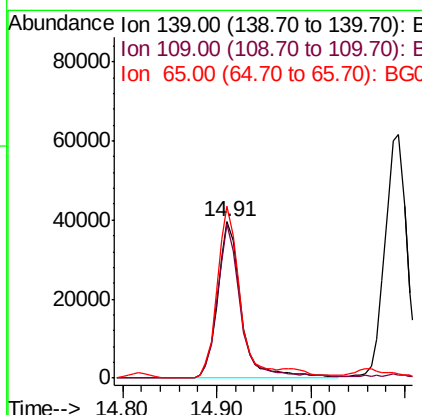
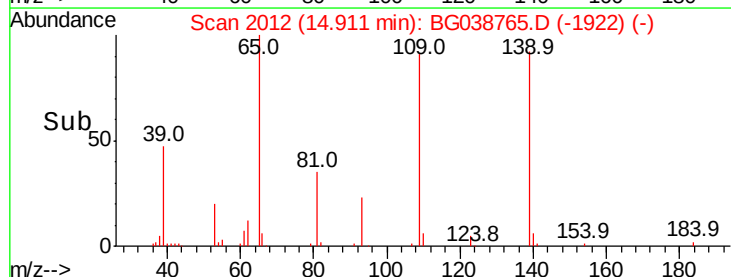
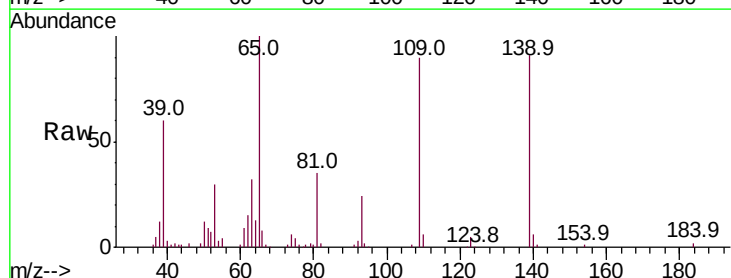
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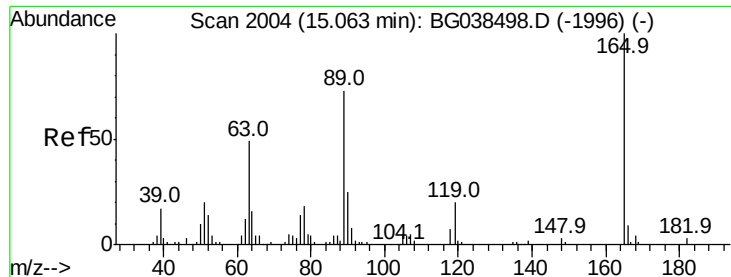
Sohil
12/21/2018 2:43:38 PM



#56
4-Nitrophenol
Concen: 80.843 ng
RT: 14.91 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BG038765.D
Acq: 20 Dec 2018 16:53

Tgt Ion	Ratio	Lower	Upper
139	100		
109	98.8	73.6	113.6
65	110.1	84.8	124.8





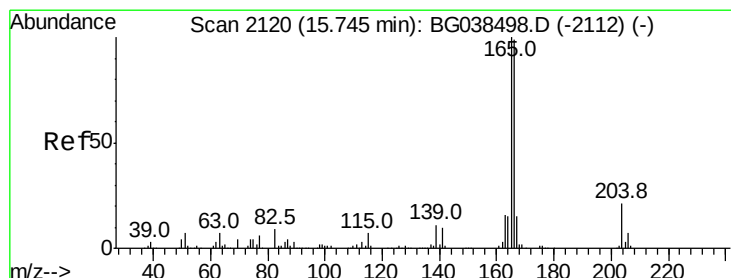
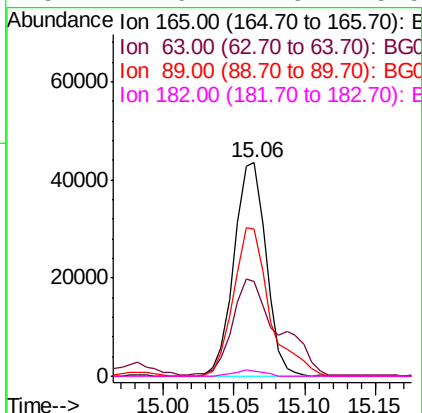
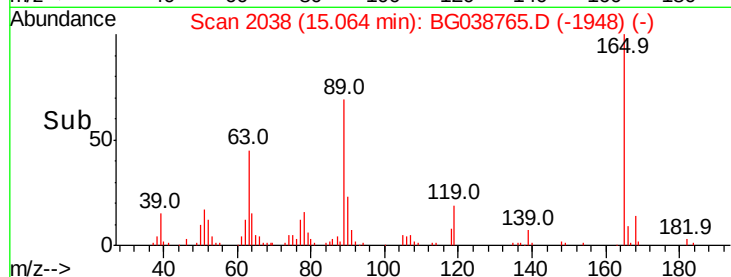
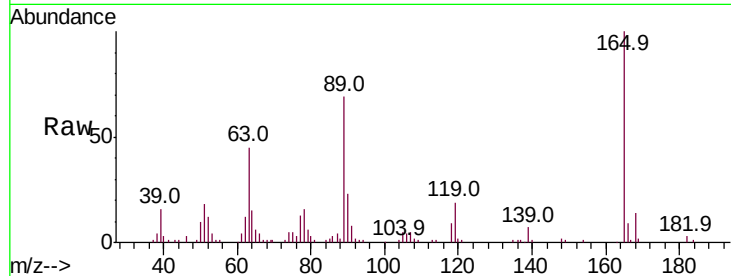
#57
 2,4-Dinitrotoluene
 Concen: 43.794 ng
 RT: 15.06 min Scan# 2038
 Delta R.T. 0.00 min
 Lab File: BG038765.D
 Acq: 20 Dec 2018 16:53

Instrument :
 BNA_G
 ClientSampleId :
 PB115871BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	69151		
63	44.5	39.0	58.4	
89	68.7	58.0	87.0	
182	2.6	2.3	3.5	

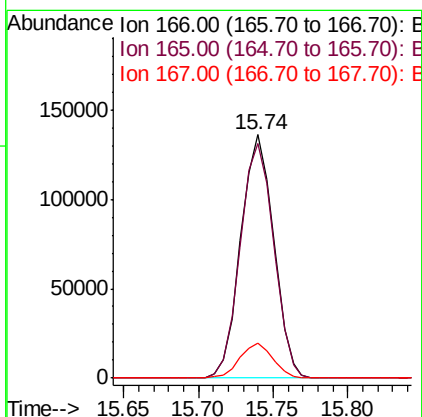
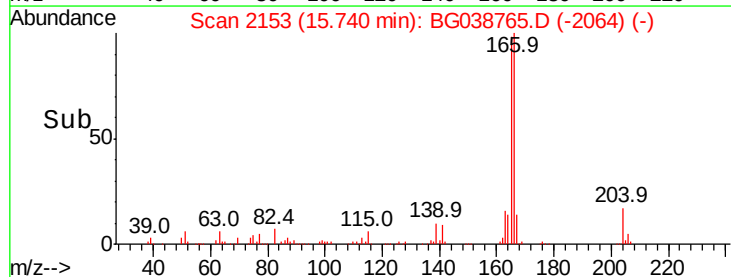
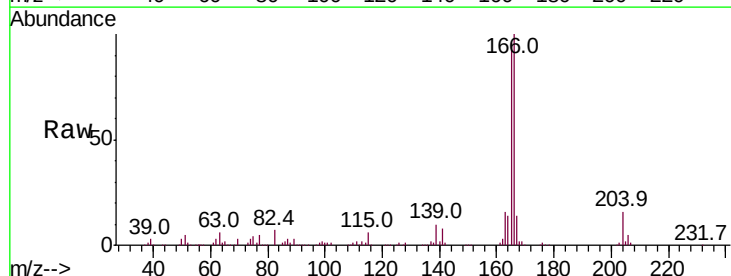
Manual Integrations
 APPROVED

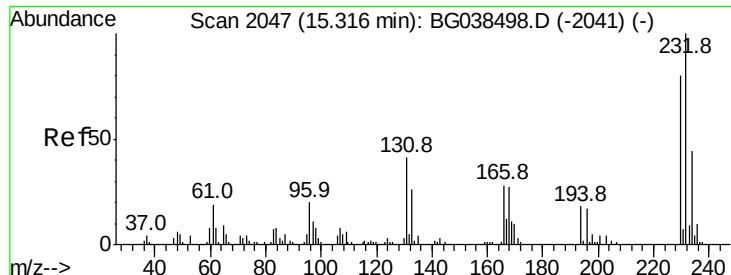
Sohil
 12/21/2018 2:43:38 PM



#58
 Fluorene
 Concen: 46.841 ng
 RT: 15.74 min Scan# 2153
 Delta R.T. -0.00 min
 Lab File: BG038765.D
 Acq: 20 Dec 2018 16:53

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	208610		
165	96.3	80.6	120.8	
167	14.2	12.0	18.0	





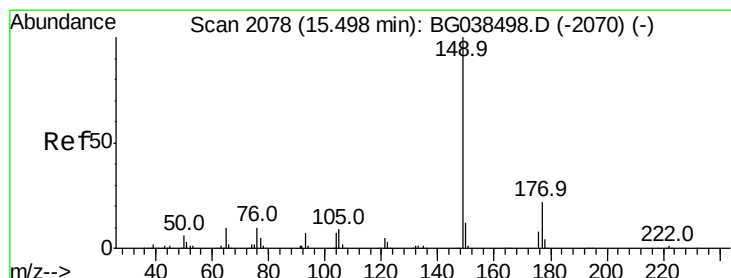
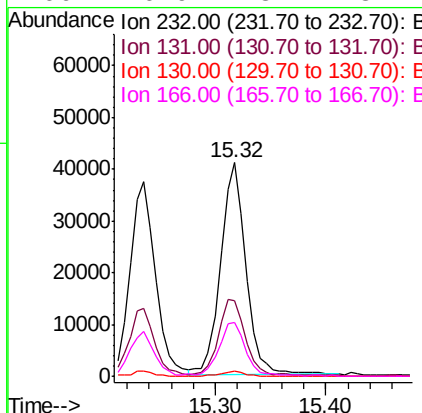
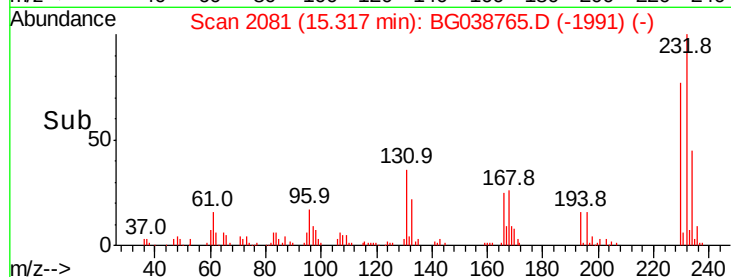
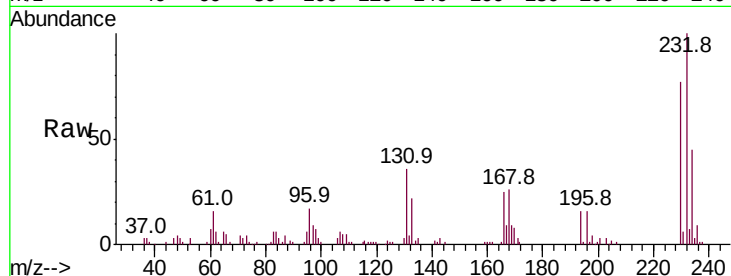
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.482 ng
 RT: 15.32 min Scan# 2081
 Delta R.T. 0.00 min
 Lab File: BG038765.D
 Acq: 20 Dec 2018 16:53

Instrument :
 BNA_G
 ClientSampleId :
 PB115871BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	65627		
131	37.9		33.0	49.4
130	2.2		2.0	3.0
166	26.9		23.1	34.7

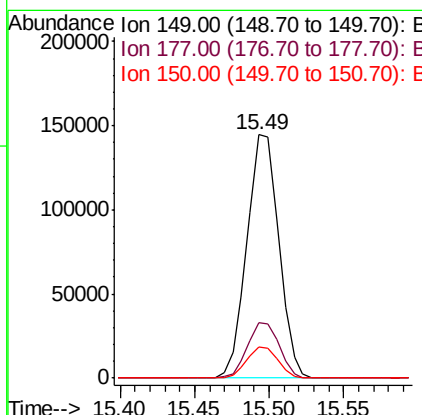
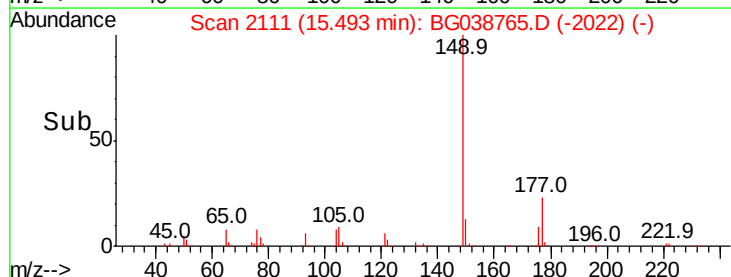
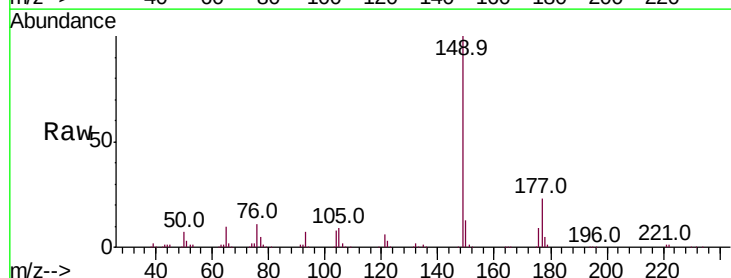
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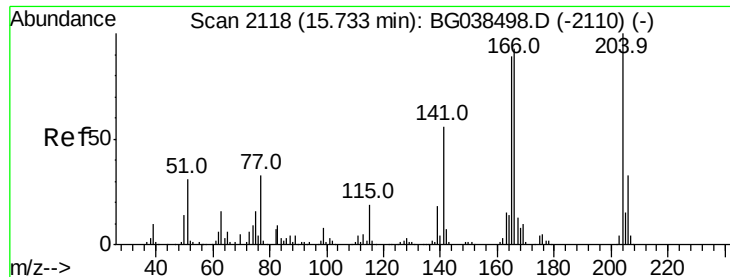
Sohil
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#60
 Diethylphthalate
 Concen: 39.402 ng
 RT: 15.49 min Scan# 2111
 Delta R.T. -0.00 min
 Lab File: BG038765.D
 Acq: 20 Dec 2018 16:53

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	213985		
177	22.7		17.7	26.5
150	12.6		9.9	14.9





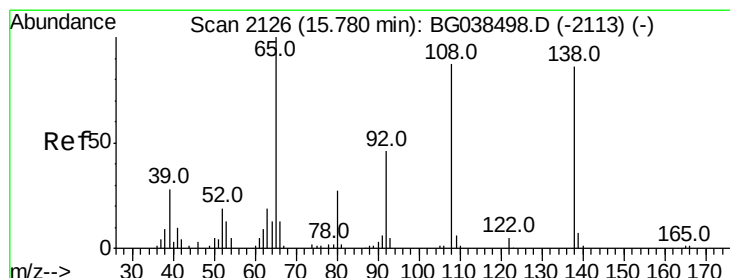
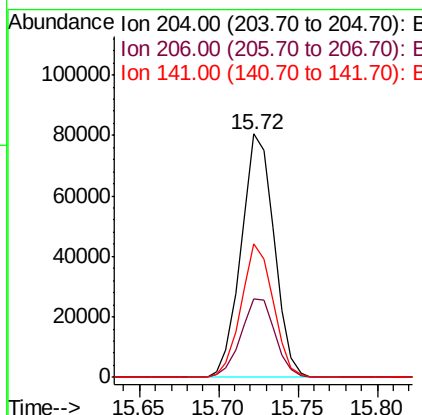
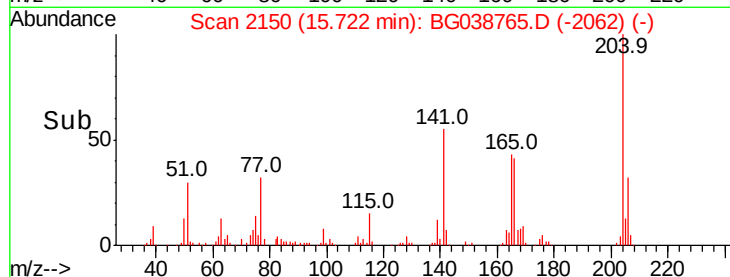
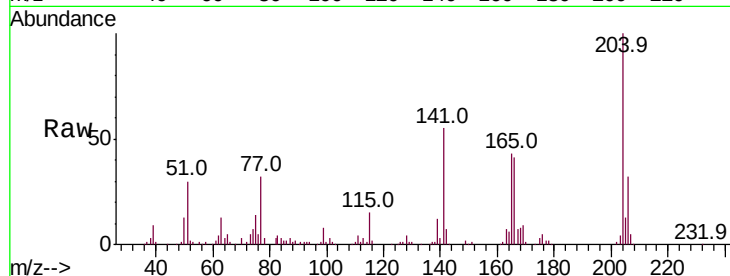
#61
4-Chlorophenyl-phenylether
Concen: 41.783 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BG038765.D
Acq: 20 Dec 2018 16:53

Instrument :
BNA_G
ClientSampleId :
PB115871BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.0	26.0	39.0
141	55.0	44.4	66.6

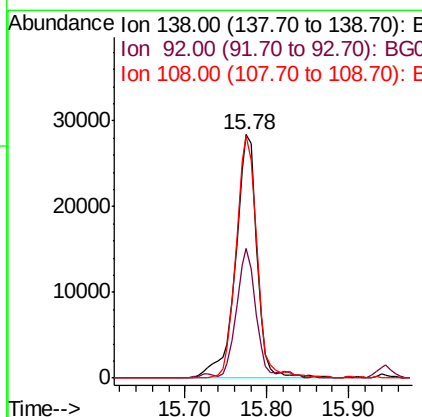
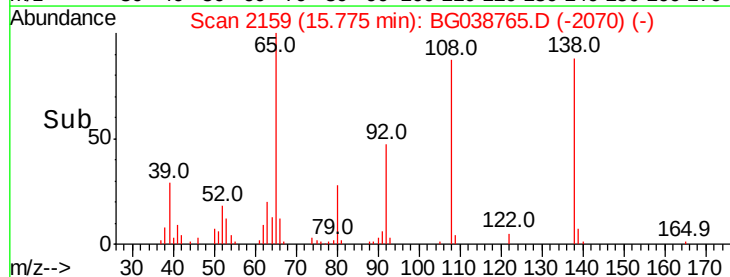
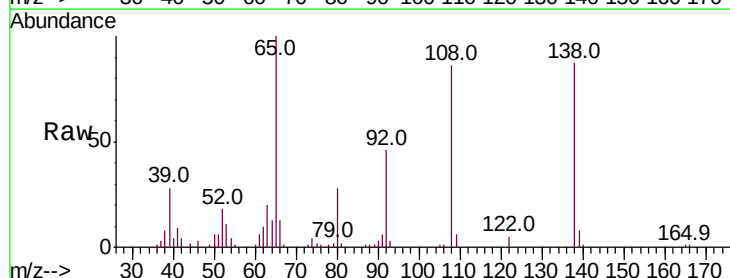
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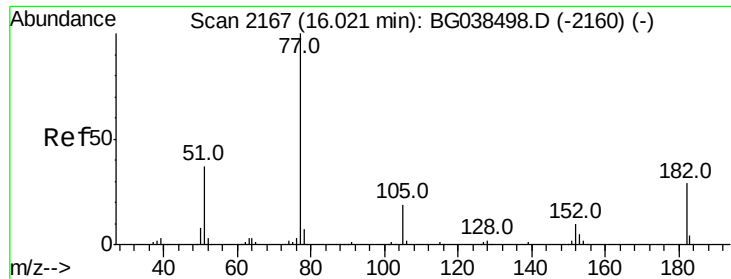
Sohil
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#62
4-Nitroaniline
Concen: 44.127 ng
RT: 15.78 min Scan# 2159
Delta R.T. -0.00 min
Lab File: BG038765.D
Acq: 20 Dec 2018 16:53

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.2	33.3	73.3
108	99.5	81.4	121.4





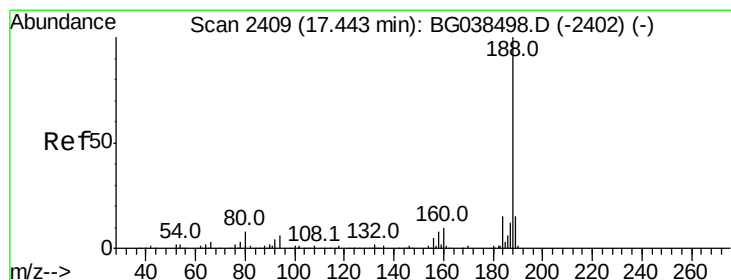
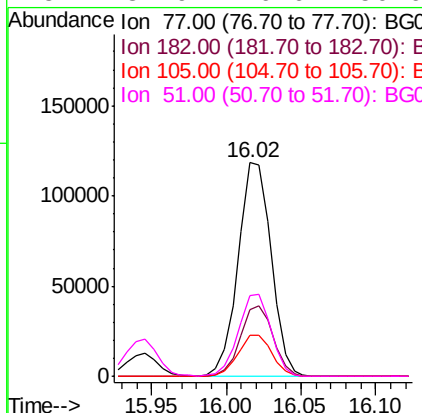
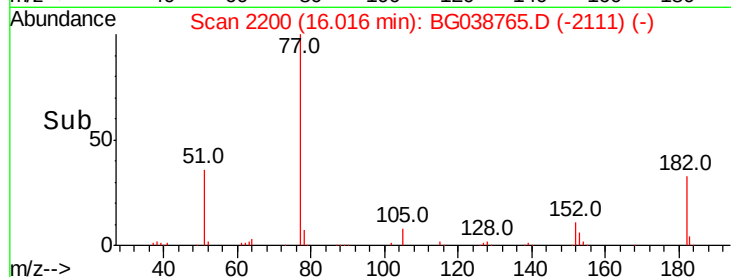
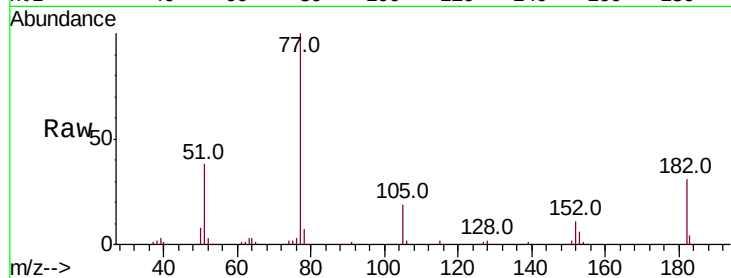
#63
Azobenzene
Concen: 40.113 ng
RT: 16.02 min Scan# 2200
Delta R.T. -0.00 min
Lab File: BG038765.D
Acq: 20 Dec 2018 16:53

Instrument :
BNA_G
ClientSampleId :
PB115871BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	31.2	8.7	48.7
105	18.9	0.0	38.7
51	37.9	16.6	56.6

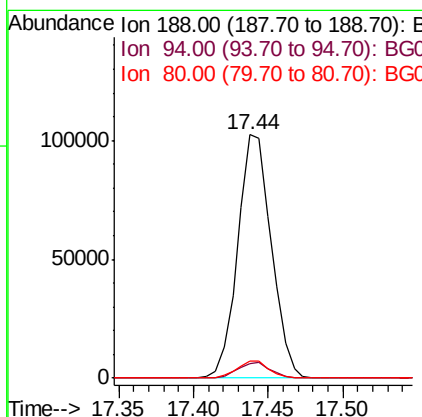
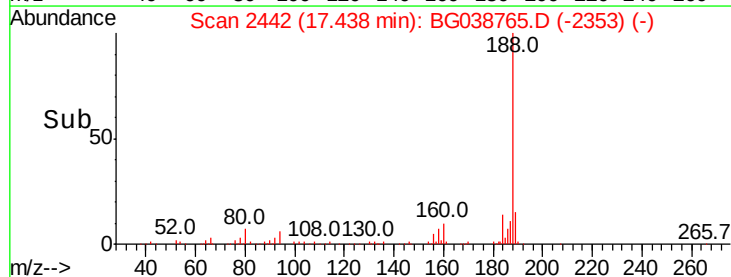
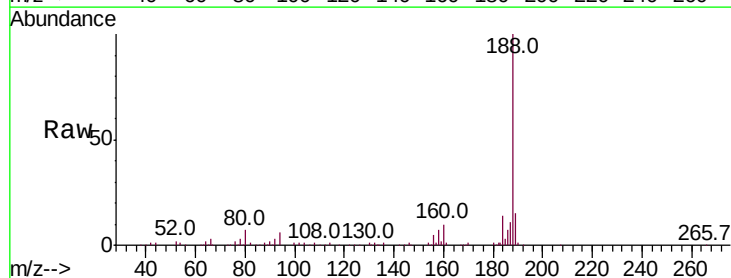
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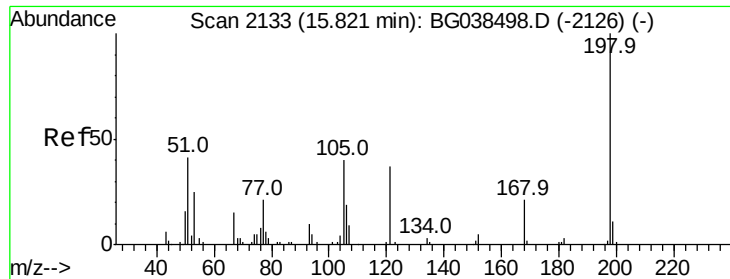
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.00 min
Lab File: BG038765.D
Acq: 20 Dec 2018 16:53

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.9	5.1	7.7
80	6.8	6.1	9.1





#65

4,6-Dinitro-2-methylphenol

Concen: 36.038 ng

RT: 15.82 min Scan# 2167

Delta R.T. 0.00 min

Lab File: BG038765.D

Acq: 20 Dec 2018 16:53

Instrument :

BNA_G

ClientSampleId :

PB115871BS

Tot Ion:198 Resp: 41151

Ion Ratio Lower Upper

198 100

51 45.9 28.6 68.6

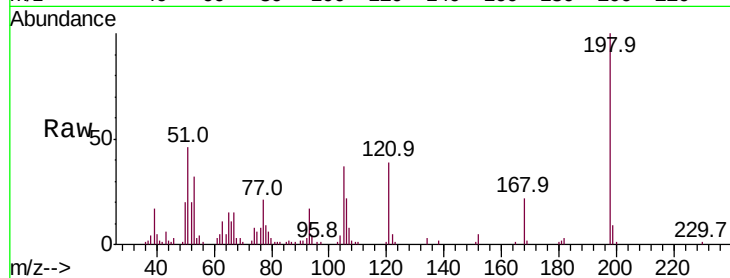
105 37.2 20.4 60.4

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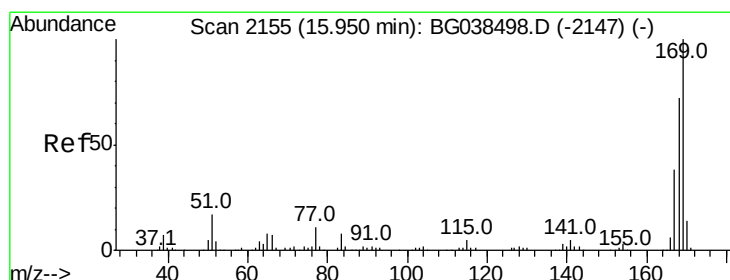
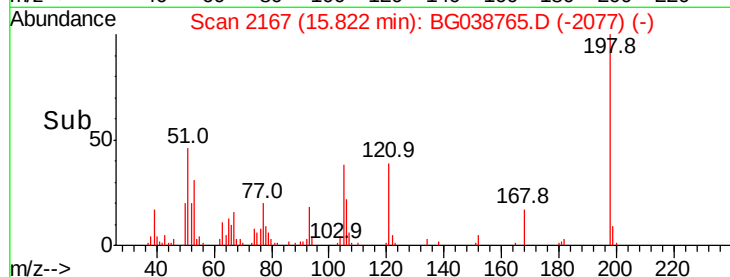
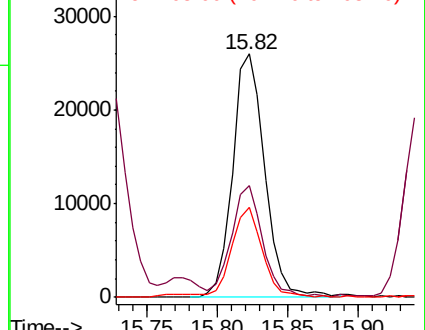
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG038498.D (-2126) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.810 ng

RT: 15.95 min Scan# 2188

Delta R.T. -0.00 min

Lab File: BG038765.D

Acq: 20 Dec 2018 16:53

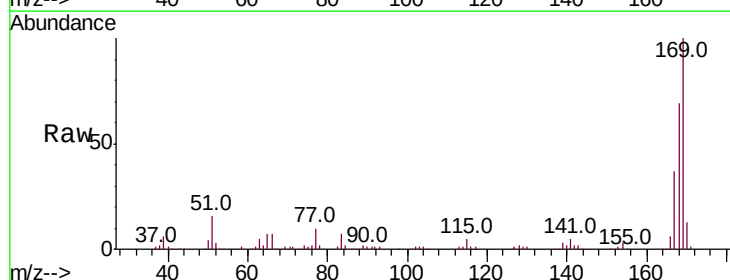
Tgt Ion:169 Resp: 191942

Ion Ratio Lower Upper

169 100

168 68.5 57.5 86.3

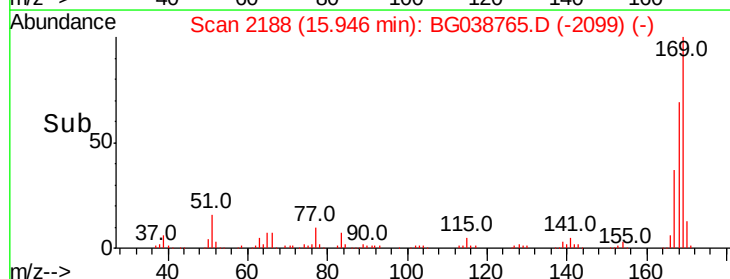
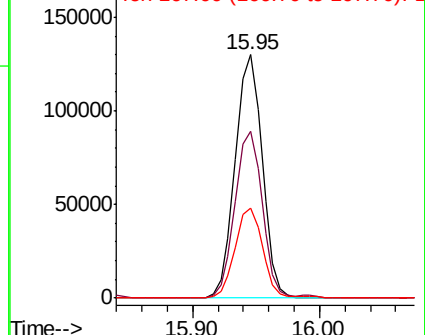
167 36.9 30.2 45.2

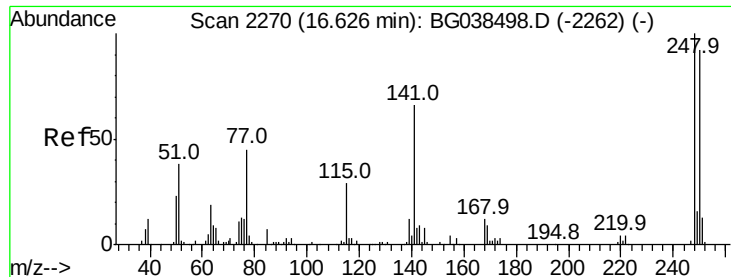


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 40.512 ng

RT: 16.62 min Scan# 2303

Delta R.T. -0.00 min

Lab File: BG038765.D

Acq: 20 Dec 2018 16:53

Instrument :

BNA_G

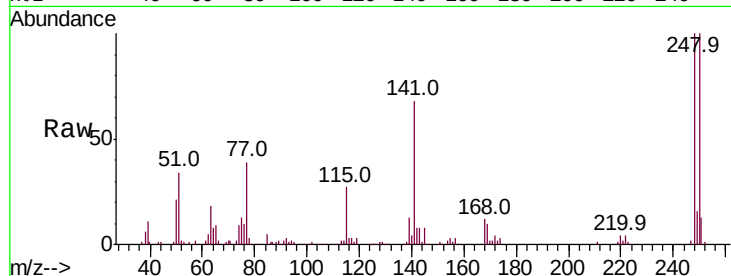
ClientSampleId :

PB115871BS

Tot Ion:	248	Resp:	79199
Ion Ratio	Lower	Upper	
248	100		
250	99.6	73.4	110.2
141	68.3	52.9	79.3

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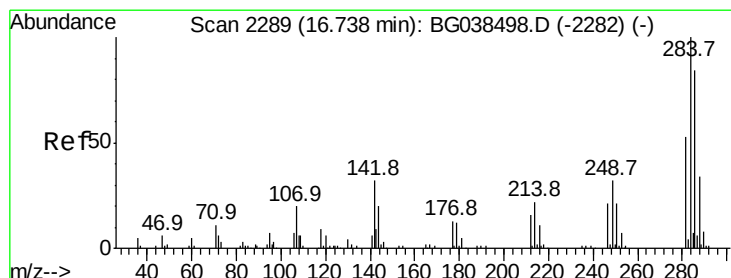
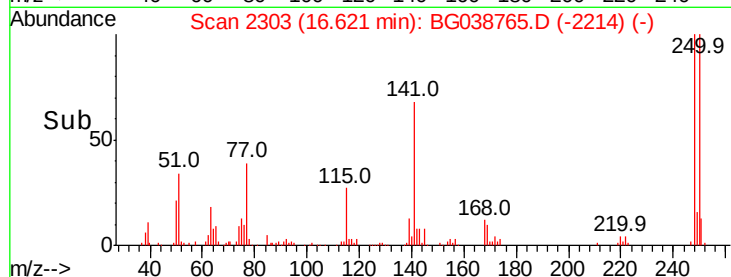
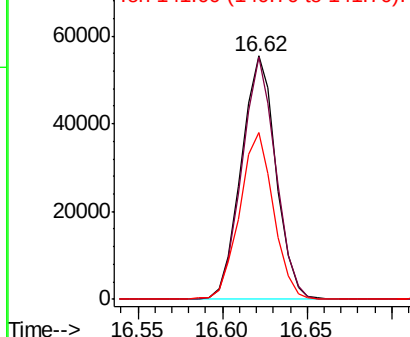


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 40.960 ng

RT: 16.74 min Scan# 2323

Delta R.T. 0.00 min

Lab File: BG038765.D

Acq: 20 Dec 2018 16:53

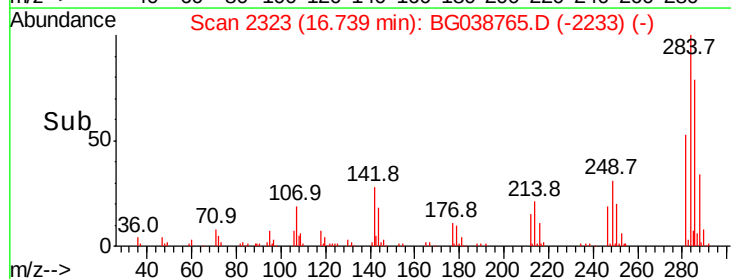
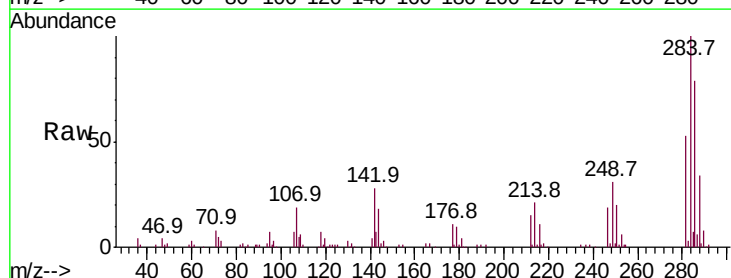
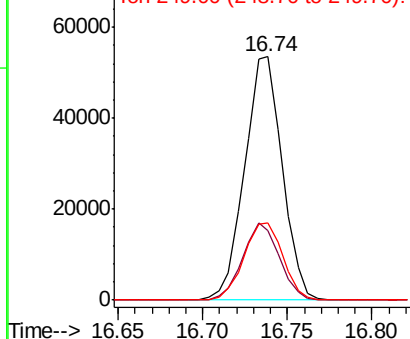
Tgt Ion:	284	Resp:	83008
Ion Ratio	Lower	Upper	
284	100		
142	28.4	25.8	38.6
249	33.4	27.0	40.4

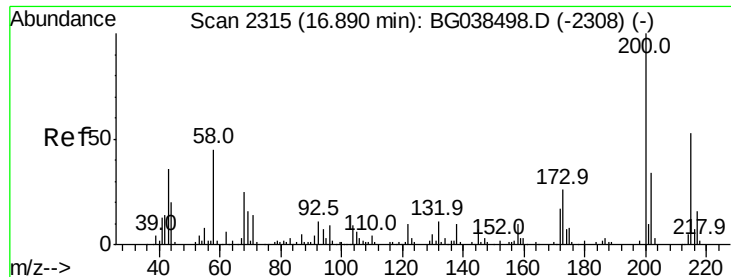
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





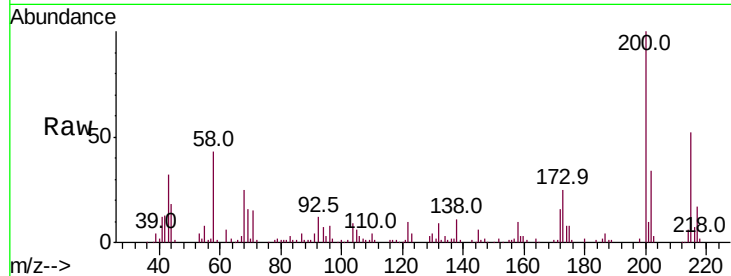
#69
Atrazine
Concen: 45.045 ng
RT: 16.89 min Scan# 2348
Delta R.T. -0.00 min
Lab File: BG038765.D
Acq: 20 Dec 2018 16:53

Instrument :
BNA_G
ClientSampleId :
PB115871BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.5	5.9	45.9
215	52.2	33.1	73.1

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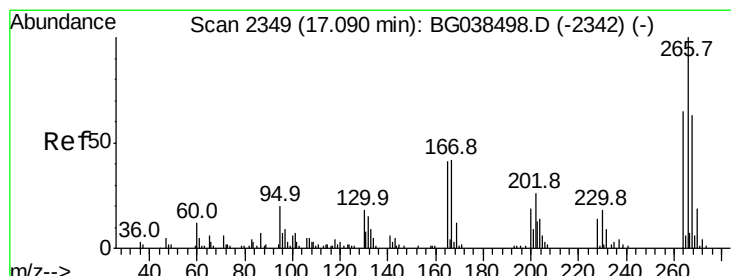
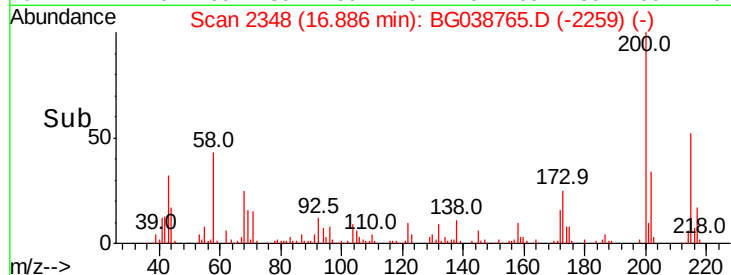
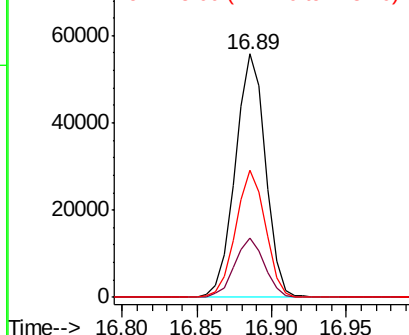


Abundance

Ion 200.00 (199.70 to 200.70): E

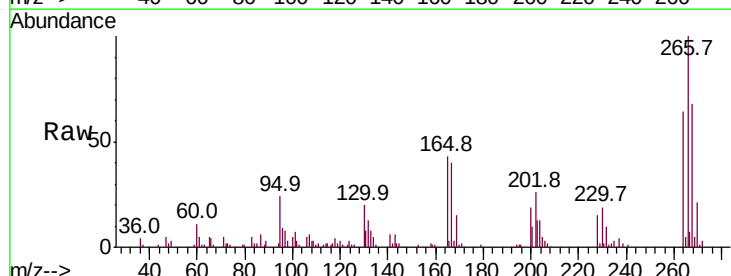
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 67.239 ng
RT: 17.09 min Scan# 2382
Delta R.T. -0.00 min
Lab File: BG038765.D
Acq: 20 Dec 2018 16:53

Tgt Ion	Ratio	Lower	Upper
266	100		
268	72.5	55.0	82.6
264	64.2	56.7	85.1

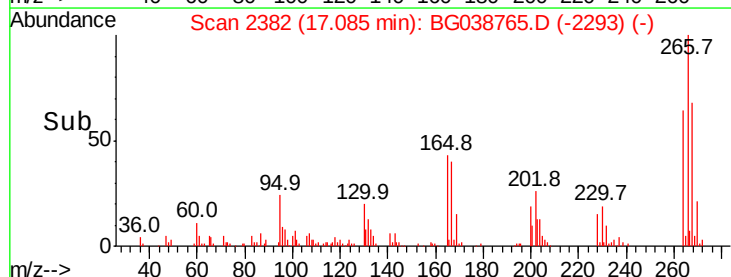
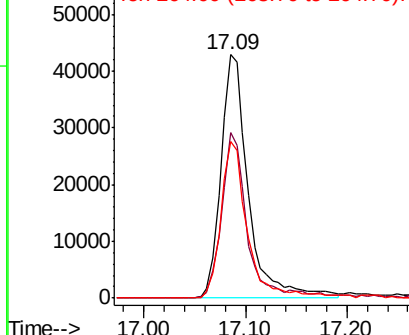


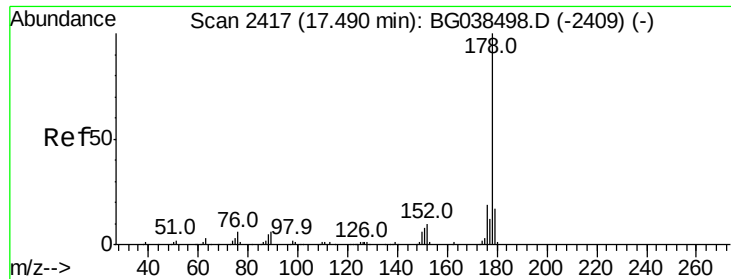
Abundance

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





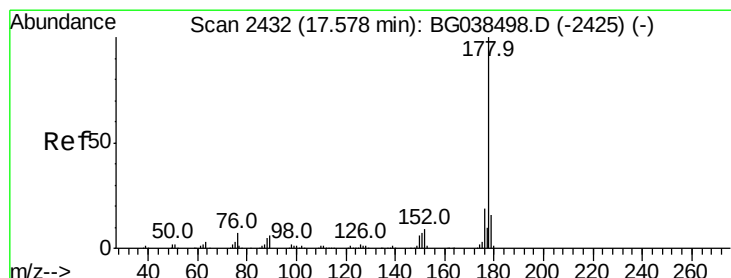
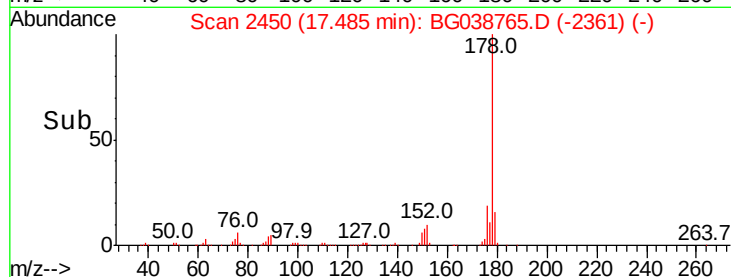
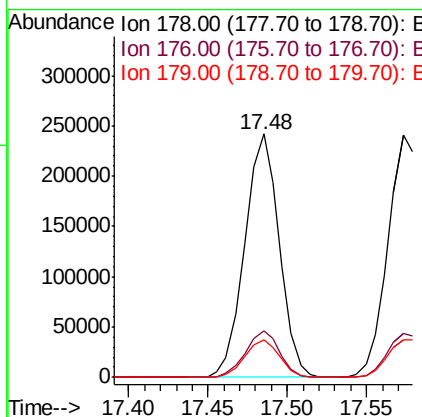
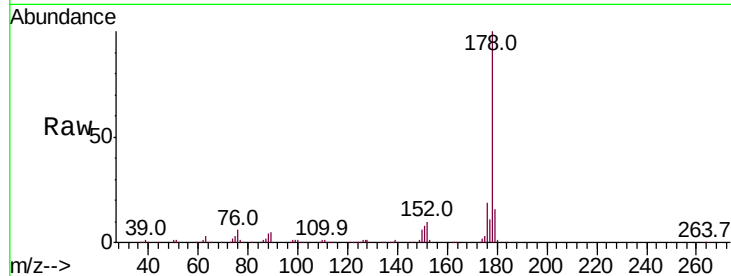
#71
Phenanthrene
Concen: 43.986 ng
RT: 17.48 min Scan# 2450
Delta R.T. -0.00 min
Lab File: BG038765.D
Acq: 20 Dec 2018 16:53

Instrument :
BNA_G
ClientSampleId :
PB115871BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.1	22.7
179	15.5	13.2	19.8

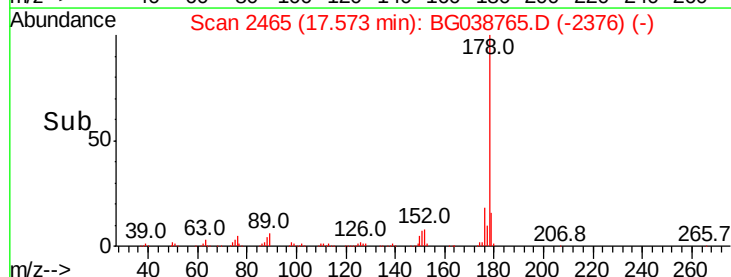
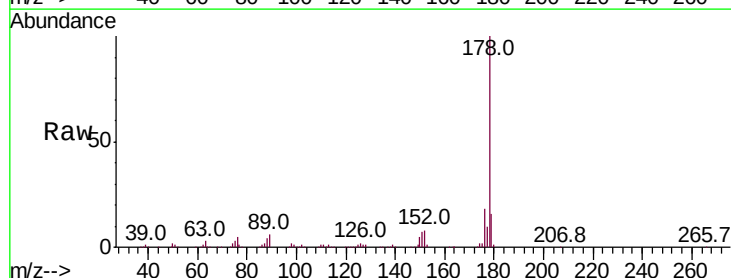
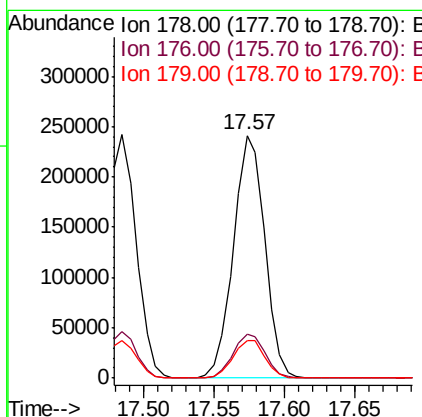
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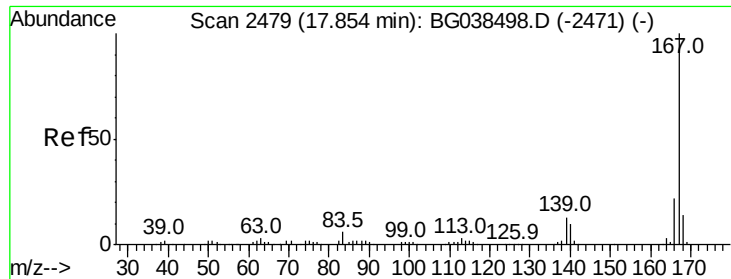
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#72
Anthracene
Concen: 45.389 ng
RT: 17.57 min Scan# 2465
Delta R.T. -0.00 min
Lab File: BG038765.D
Acq: 20 Dec 2018 16:53

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.1	22.7
179	15.5	12.9	19.3





#73

Carbazole

Concen: 40.259 ng

RT: 17.85 min Scan# 2512

Delta R.T. -0.00 min

Lab File: BG038765.D

Acq: 20 Dec 2018 16:53

Instrument :

BNA_G

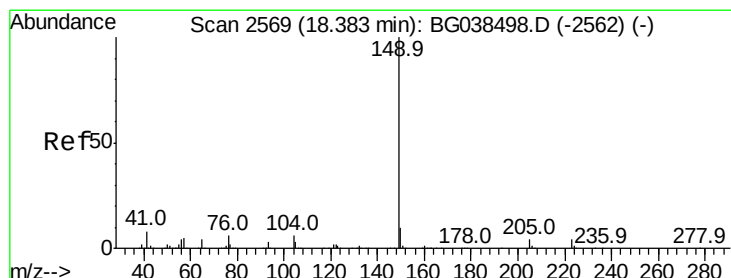
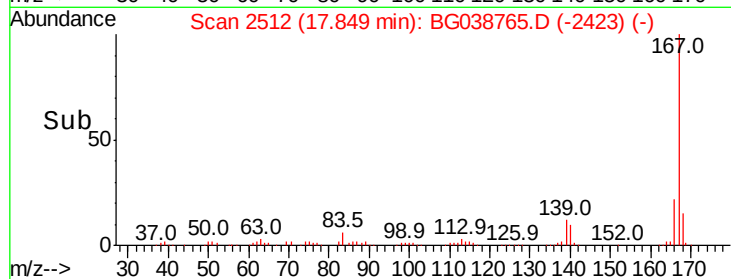
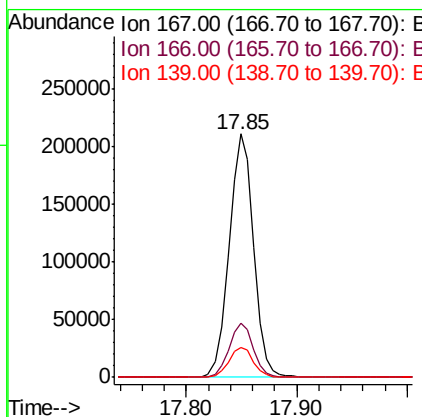
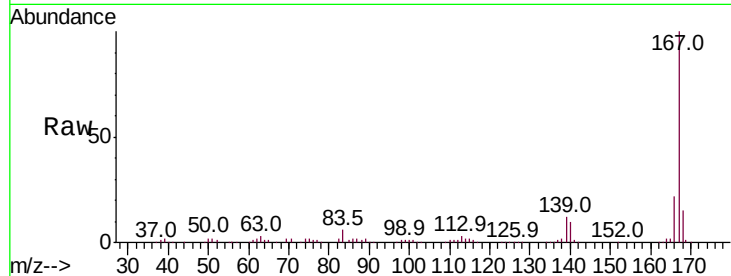
ClientSampleId :

PB115871BS

Tot Ion:	167	Resp:	326275
Ion Ratio	Lower	Upper	
167	100		
166	22.2	17.9	26.9
139	12.3	10.2	15.2

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#74

Di-n-butylphthalate

Concen: 40.484 ng

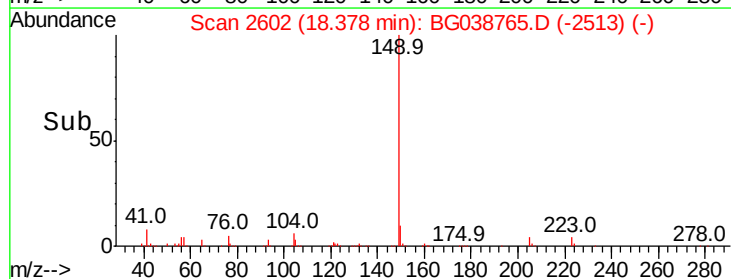
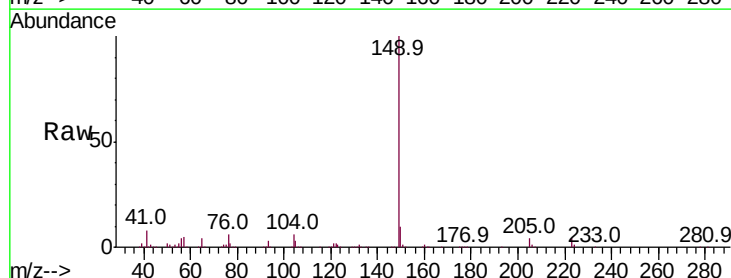
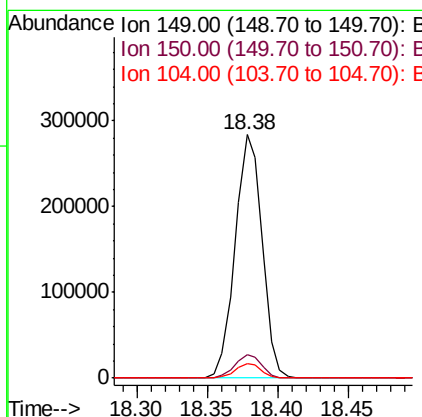
RT: 18.38 min Scan# 2602

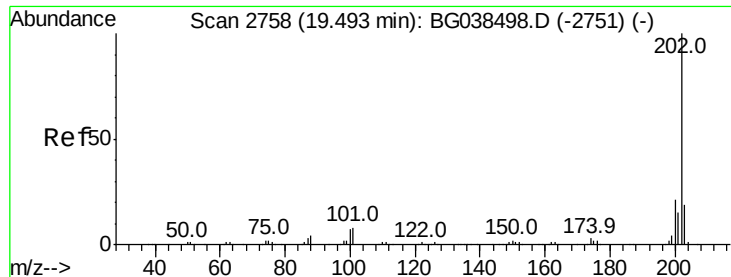
Delta R.T. -0.00 min

Lab File: BG038765.D

Acq: 20 Dec 2018 16:53

Tgt Ion:	149	Resp:	376478
Ion Ratio	Lower	Upper	
149	100		
150	9.8	7.6	11.4
104	5.7	5.0	7.4





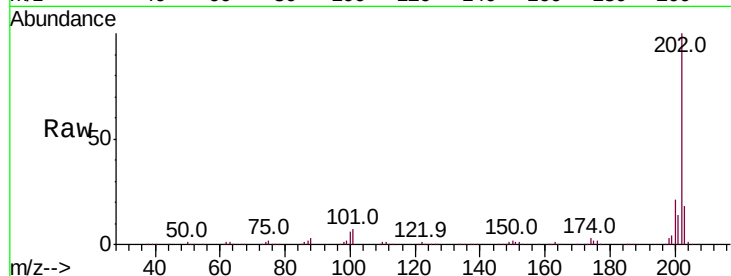
#75
Fluoranthene
Concen: 43.816 ng
RT: 19.49 min Scan# 2792
Delta R.T. 0.00 min
Lab File: BG038765.D
Acq: 20 Dec 2018 16:53

Instrument :
BNA_G
ClientSampleId :
PB115871BS

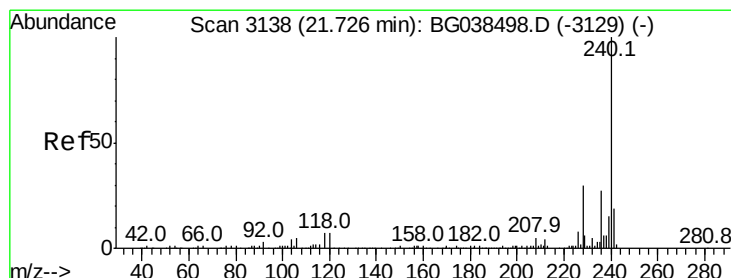
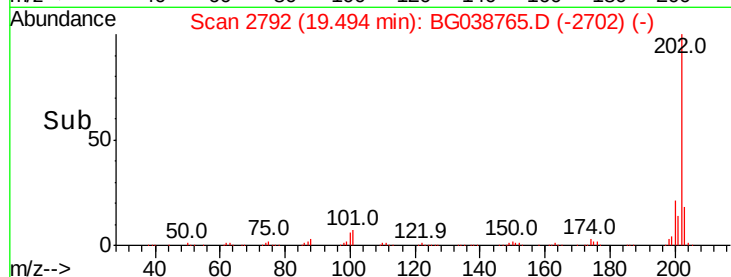
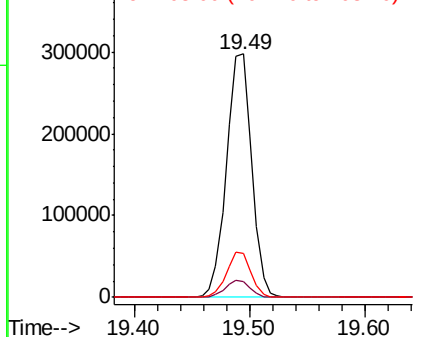
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	6.5	0.0	28.1
203	18.2	0.0	39.0

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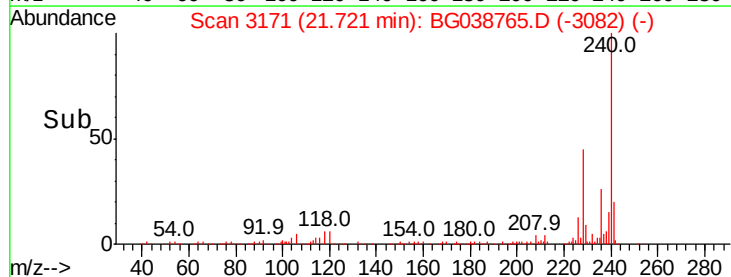
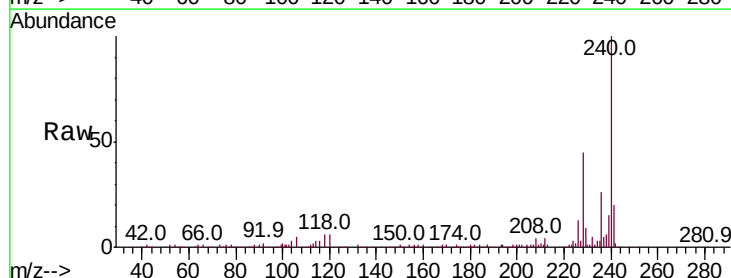
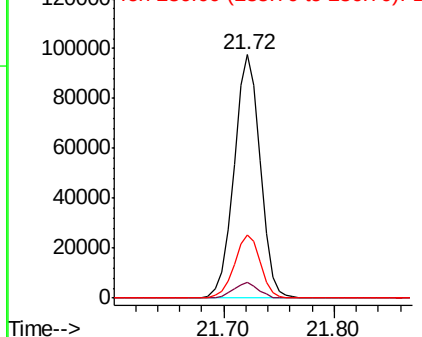
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

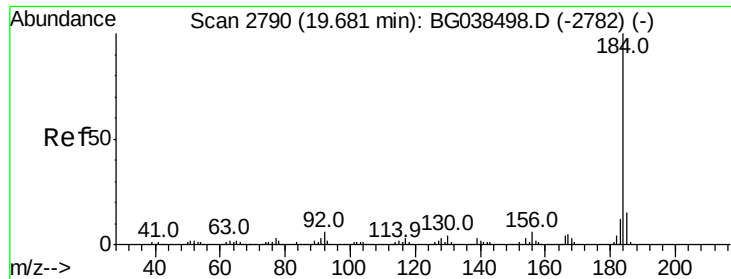


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.00 min
Lab File: BG038765.D
Acq: 20 Dec 2018 16:53

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	6.5	5.3	7.9
236	26.0	21.4	32.2

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





#77

Benzidine

Concen: 42.228 ng

RT: 19.68 min Scan# 2823

Delta R.T. -0.00 min

Lab File: BG038765.D

Acq: 20 Dec 2018 16:53

Instrument :

BNA_G

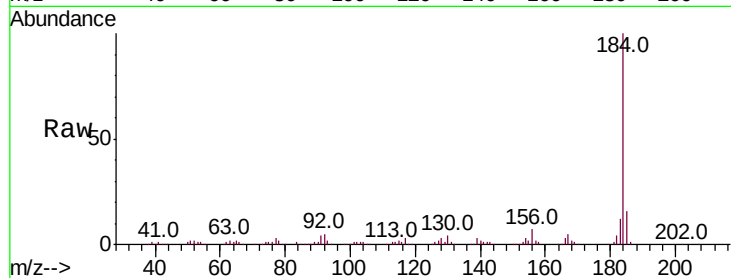
ClientSampleId :

PB115871BS

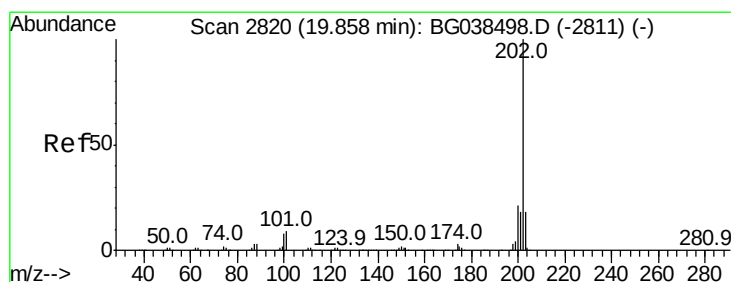
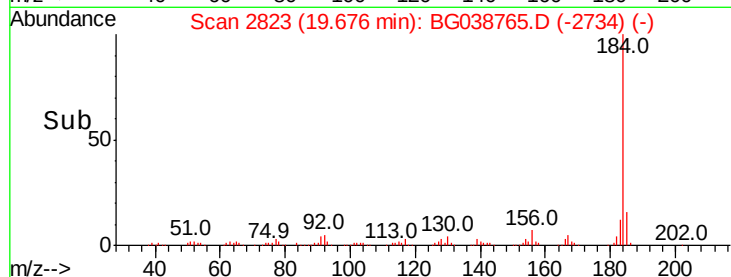
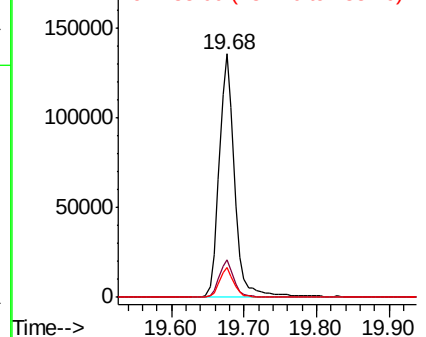
Tot Ion:	184	Resp:	202177
Ion Ratio	Lower	Upper	
184	100		
185	15.6	12.2	18.2
183	12.3	9.6	14.4

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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: 41.974 ng

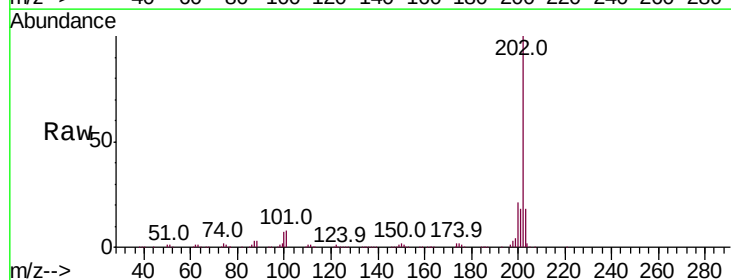
RT: 19.85 min Scan# 2853

Delta R.T. -0.00 min

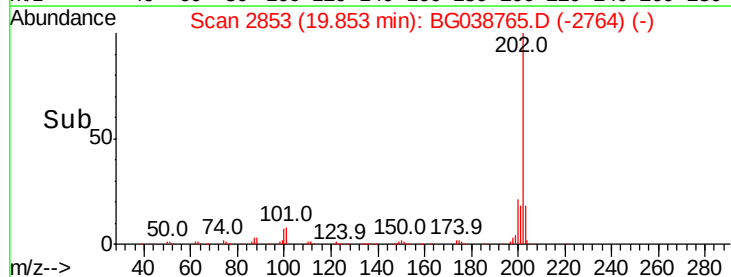
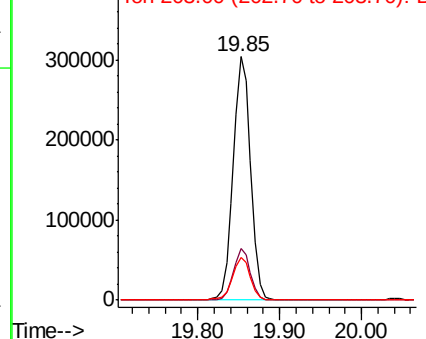
Lab File: BG038765.D

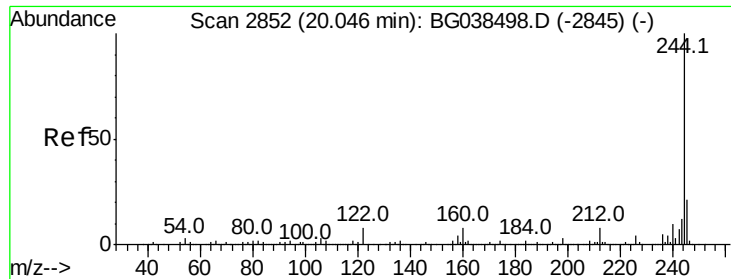
Acq: 20 Dec 2018 16:53

Tgt Ion:	202	Resp:	448913
Ion Ratio	Lower	Upper	
202	100		
200	21.0	16.6	25.0
203	17.8	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: 83.080 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.00 min

Lab File: BG038765.D

Acq: 20 Dec 2018 16:53

Instrument :

BNA_G

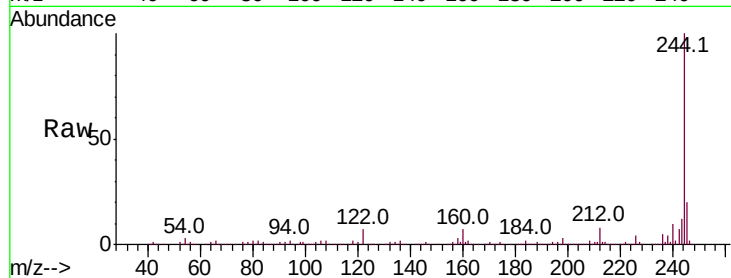
ClientSampleId :

PB115871BS

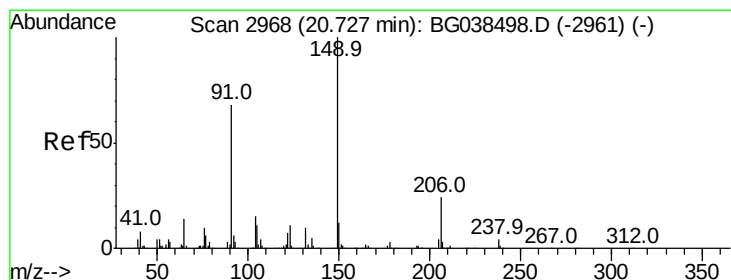
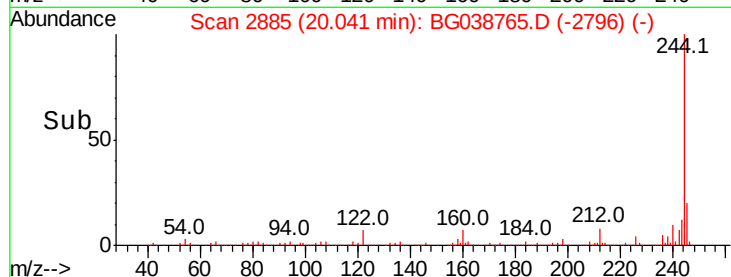
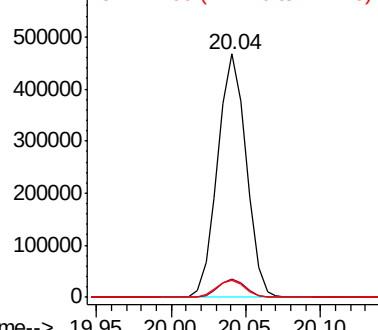
Tot Ion:	244	Resp:	618003
Ion Ratio	Lower	Upper	
244	100		
212	7.7	6.2	9.2
122	7.0	6.3	9.5

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



#80

Butylbenzylphthalate

Concen: 40.664 ng

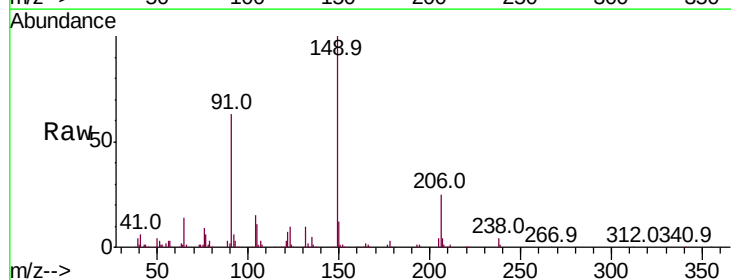
RT: 20.72 min Scan# 3001

Delta R.T. -0.00 min

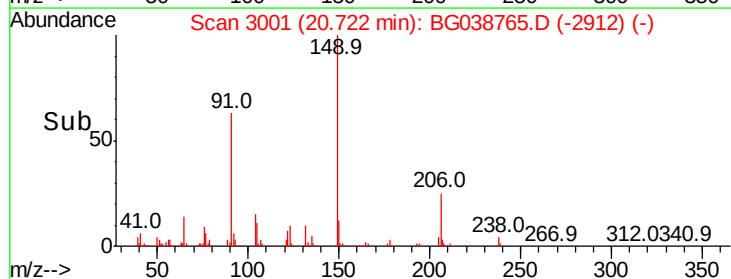
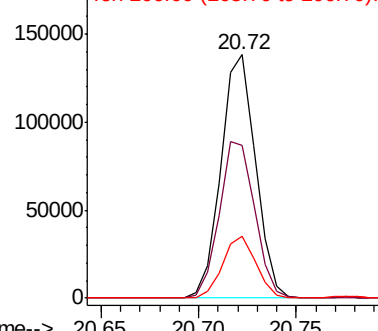
Lab File: BG038765.D

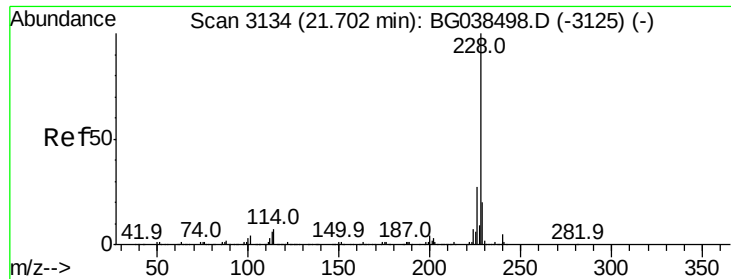
Acq: 20 Dec 2018 16:53

Tgt Ion:	149	Resp:	169909
Ion Ratio	Lower	Upper	
149	100		
91	62.9	54.5	81.7
206	25.4	19.0	28.6



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





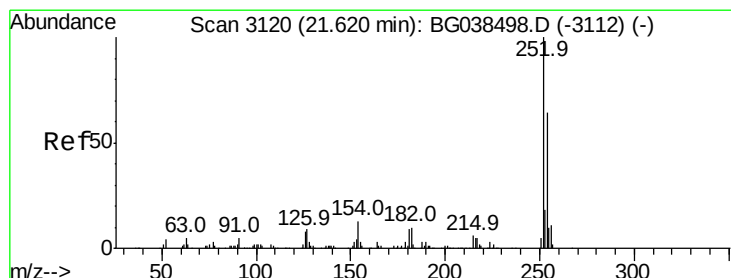
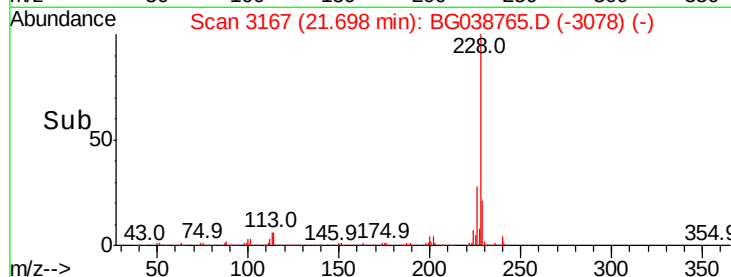
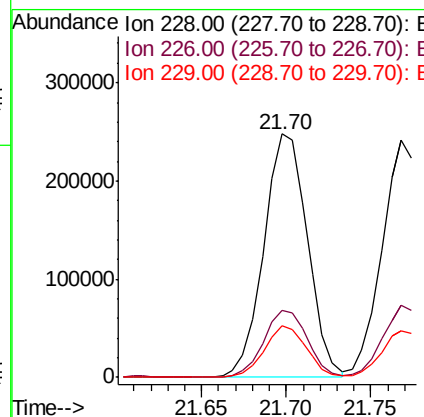
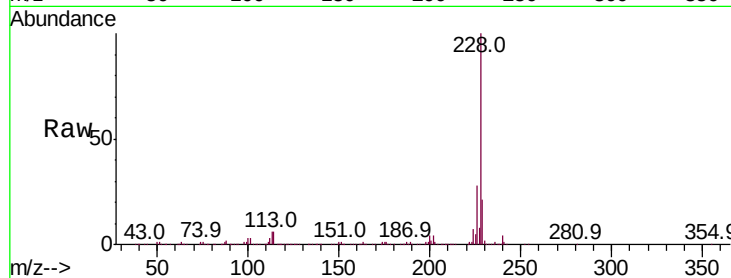
#81
Benzo(a)anthracene
Concen: 44.789 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.00 min
Lab File: BG038765.D
Acq: 20 Dec 2018 16:53

Instrument :
BNA_G
ClientSampleId :
PB115871BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.8	32.8
229	20.9	15.8	23.6

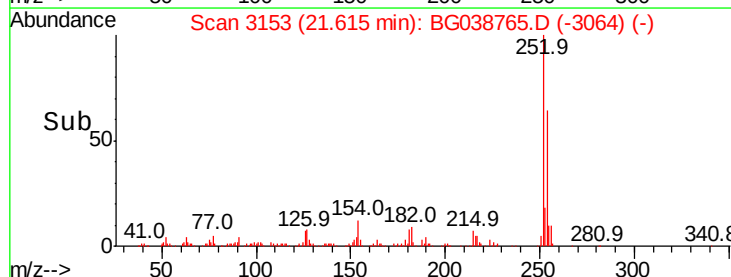
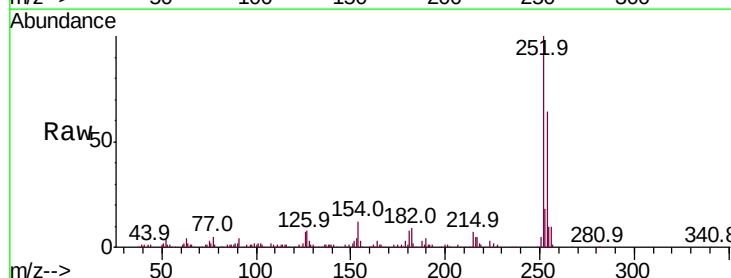
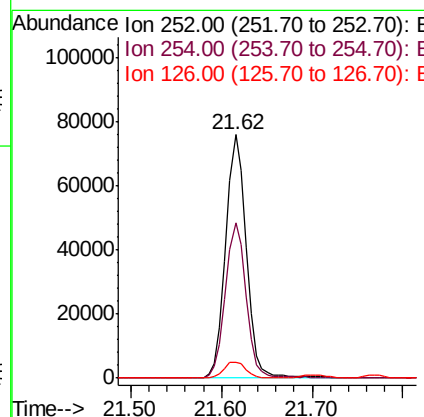
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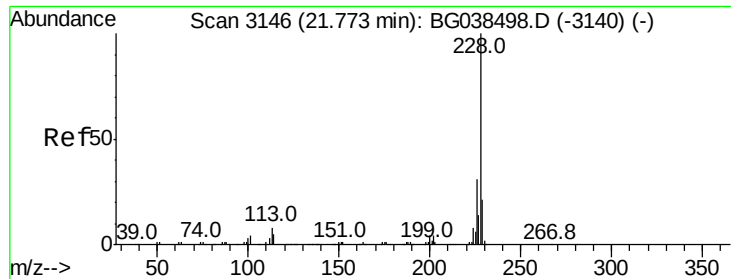
Sohil
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#82
3,3'-Dichlorobenzidine
Concen: 30.729 ng
RT: 21.62 min Scan# 3153
Delta R.T. -0.00 min
Lab File: BG038765.D
Acq: 20 Dec 2018 16:53

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.9	50.9	76.3
126	6.7	6.3	9.5





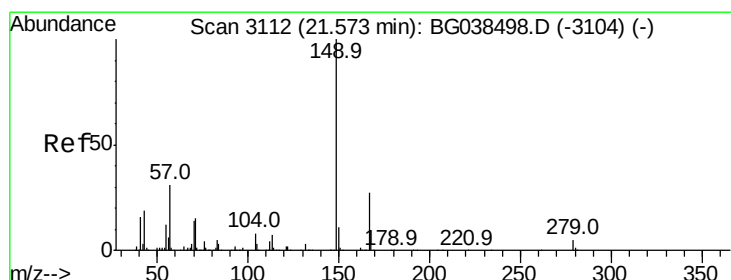
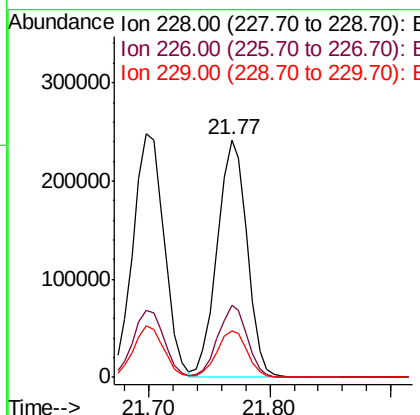
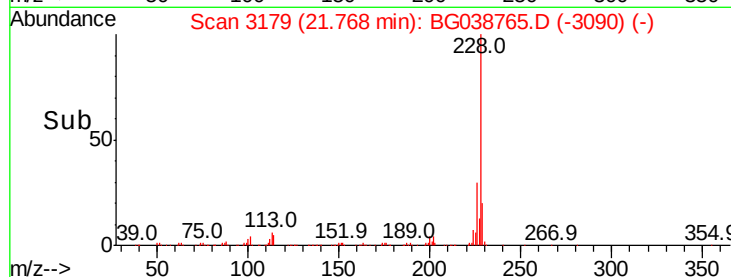
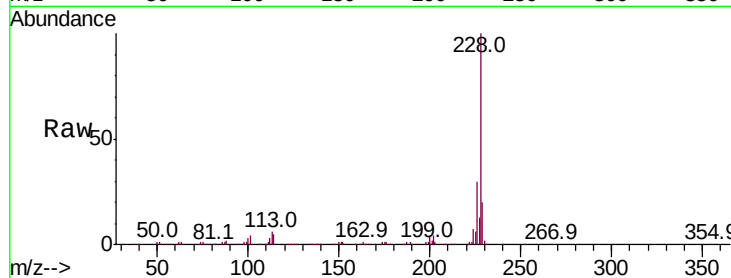
#83
 Chrysene
 Concen: 43.310 ng
 RT: 21.77 min Scan# 3179
 Delta R.T. -0.00 min
 Lab File: BG038765.D
 Acq: 20 Dec 2018 16:53

Instrument :
 BNA_G
 ClientSampleId :
 PB115871BS

Tot Ion:	228	Resp:	411514
Ion Ratio	Lower	Upper	
228	100		
226	30.3	25.0	37.4
229	19.7	16.5	24.7

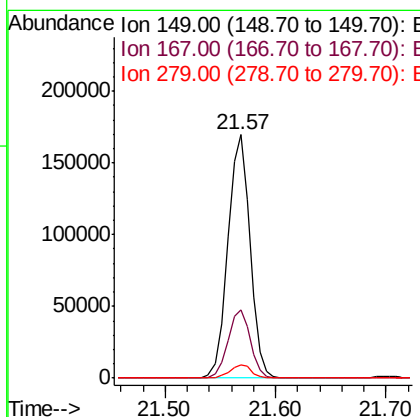
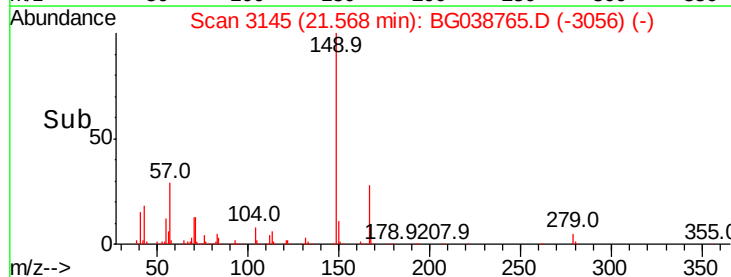
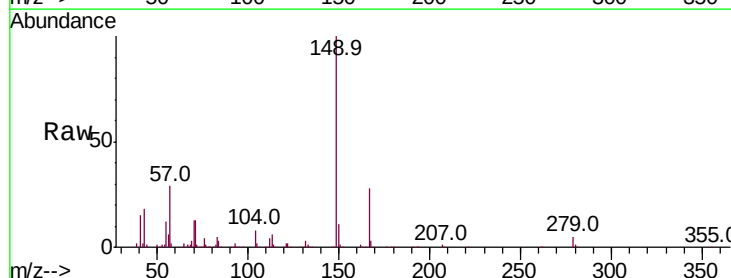
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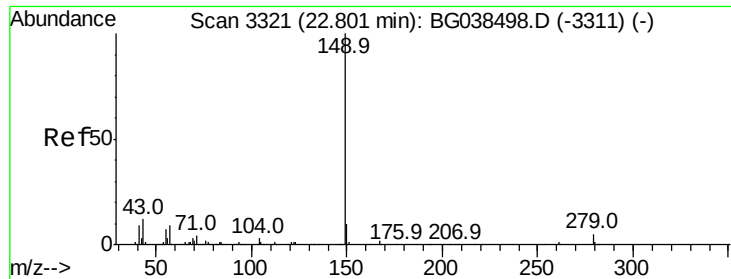
Sohil
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.303 ng
 RT: 21.57 min Scan# 3145
 Delta R.T. -0.00 min
 Lab File: BG038765.D
 Acq: 20 Dec 2018 16:53

Tgt Ion:	149	Resp:	238839
Ion Ratio	Lower	Upper	
149	100		
167	28.0	21.9	32.9
279	5.4	4.2	6.2





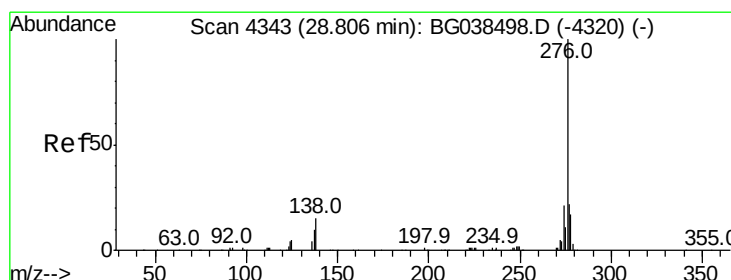
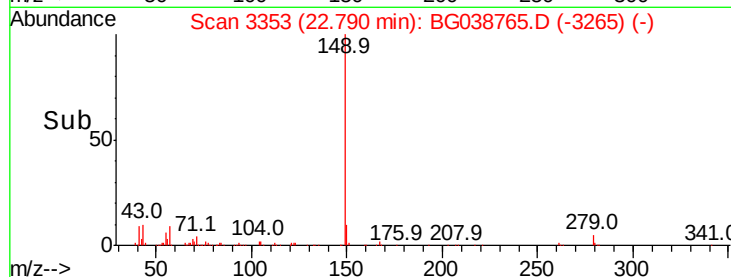
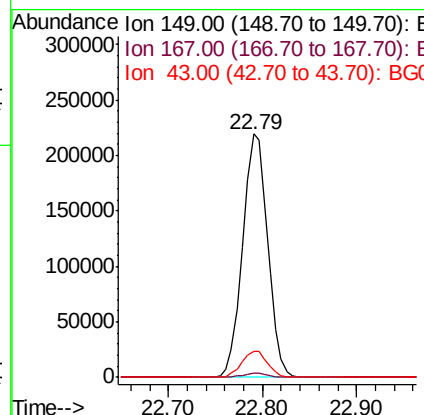
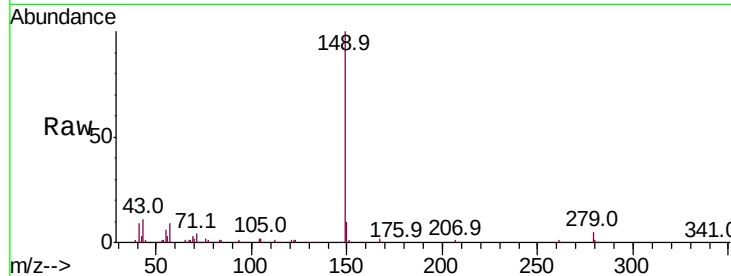
#85
Di-n-octyl phthalate
Concen: 40.950 ng
RT: 22.79 min Scan# 3353
Delta R.T. -0.01 min
Lab File: BG038765.D
Acq: 20 Dec 2018 16:53

Instrument :
BNA_G
ClientSampleId :
PB115871BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.7	1.2	1.8	
43	11.1	9.3	13.9	

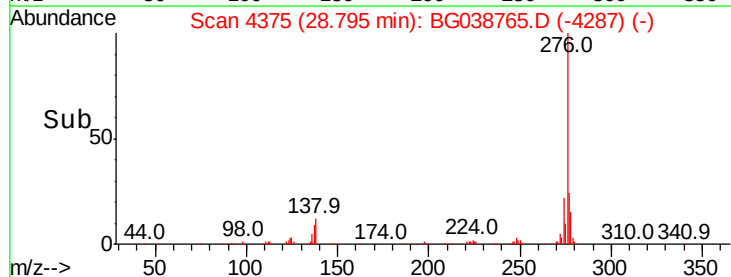
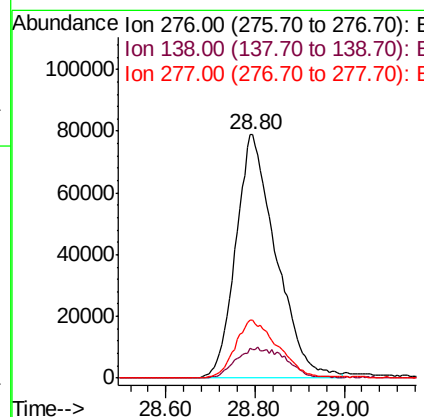
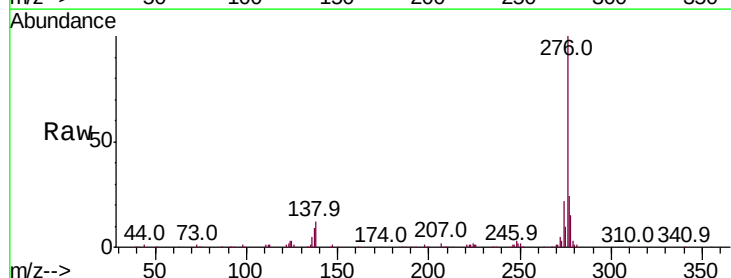
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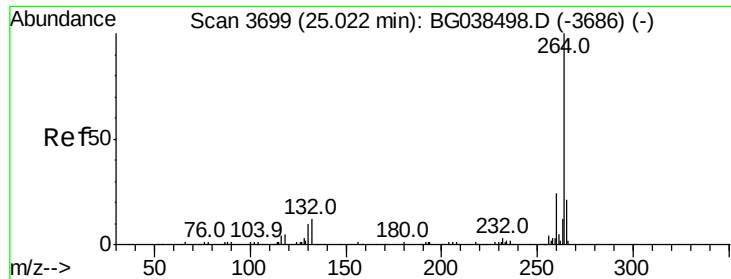
Sohil
12/21/2018 2:43:38 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 44.273 ng
RT: 28.80 min Scan# 4375
Delta R.T. -0.01 min
Lab File: BG038765.D
Acq: 20 Dec 2018 16:53

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	6.4	14.4	21.6#	
277	25.2	0.0	0.0#	





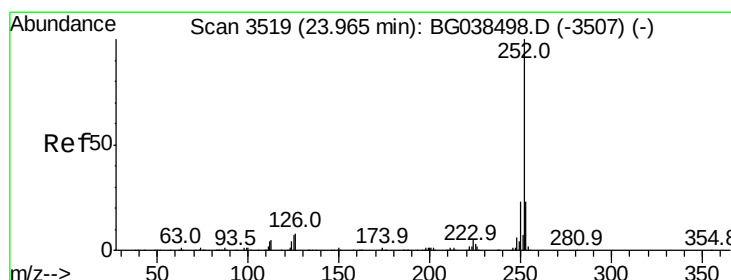
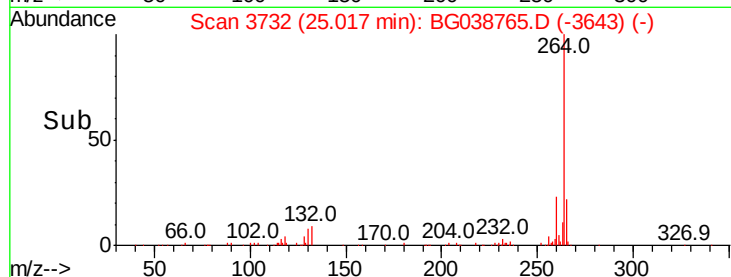
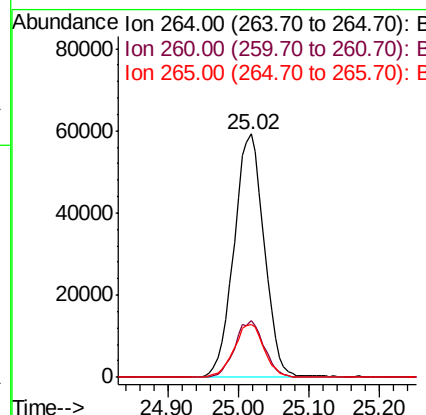
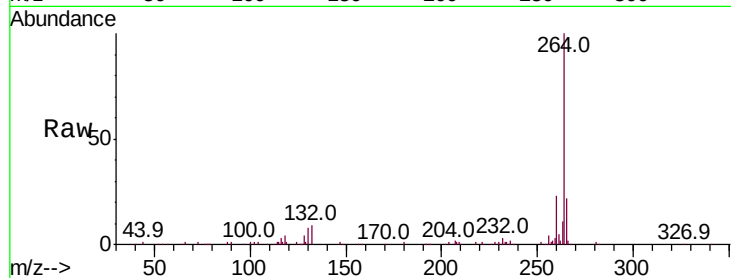
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3732
Delta R.T. -0.00 min
Lab File: BG038765.D
Acq: 20 Dec 2018 16:53

Instrument :
BNA_G
ClientSampleId :
PB115871BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.9	28.3
265	21.6	17.0	25.4

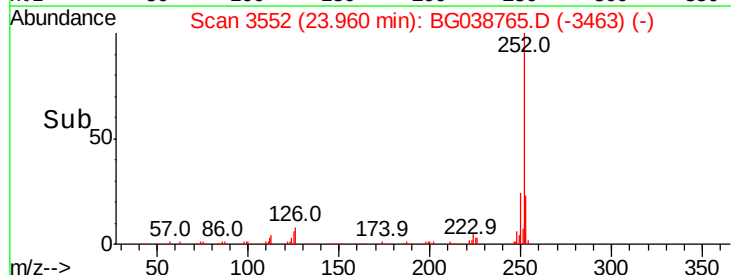
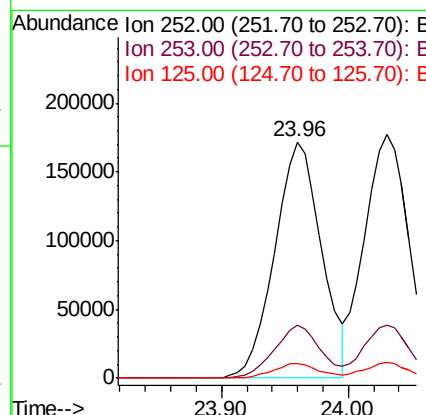
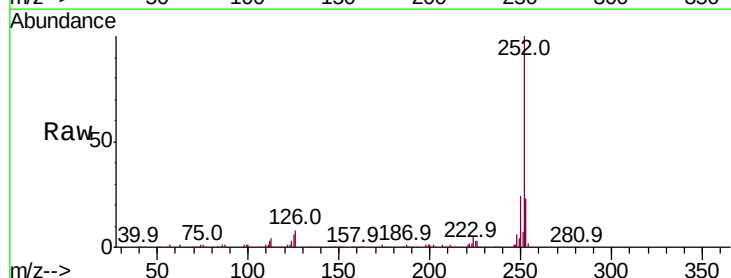
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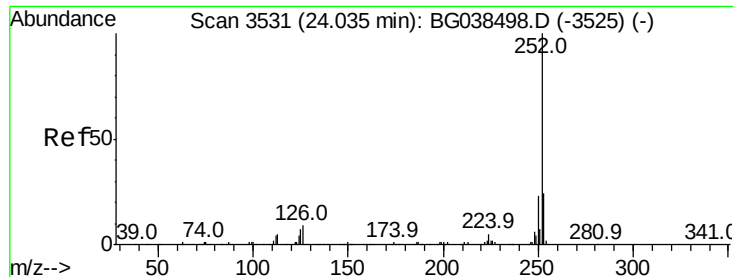
Sohil
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#88
Benzo(b)fluoranthene
Concen: 45.544 ng
RT: 23.96 min Scan# 3552
Delta R.T. -0.00 min
Lab File: BG038765.D
Acq: 20 Dec 2018 16:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	6.2	5.5	8.3





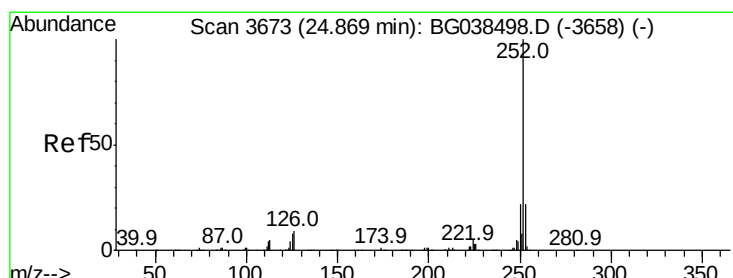
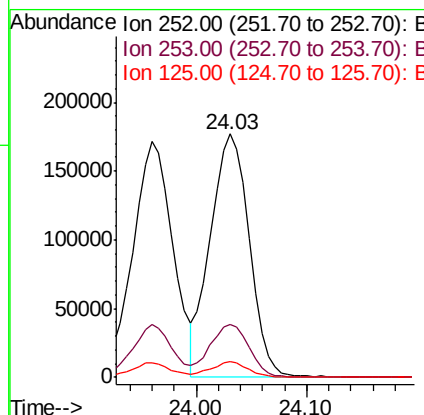
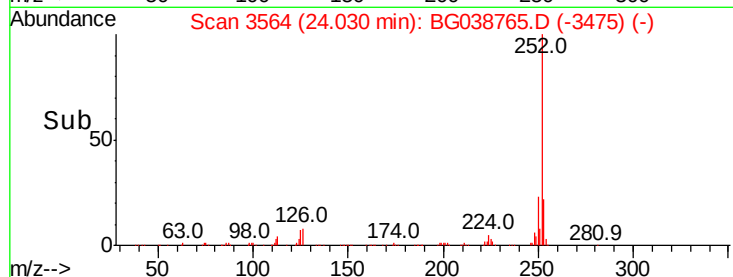
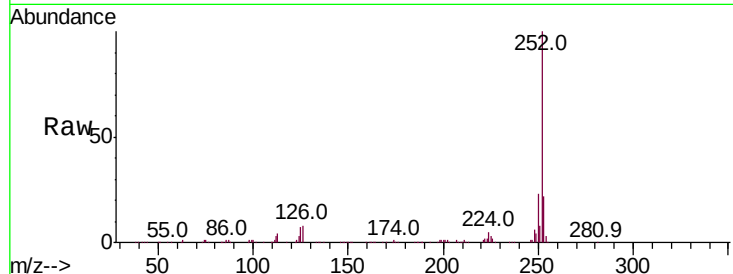
#89
Benzo(k)fluoranthene
Concen: 44.784 ng
RT: 24.03 min Scan# 3564
Delta R.T. -0.00 min
Lab File: BG038765.D
Acq: 20 Dec 2018 16:53

Instrument :
BNA_G
ClientSampleId :
PB115871BS

Tot Ion:	252	Resp:	431250
Ion Ratio	Lower	Upper	
252	100		
253	21.9	18.9	28.3
125	6.5	5.4	8.2

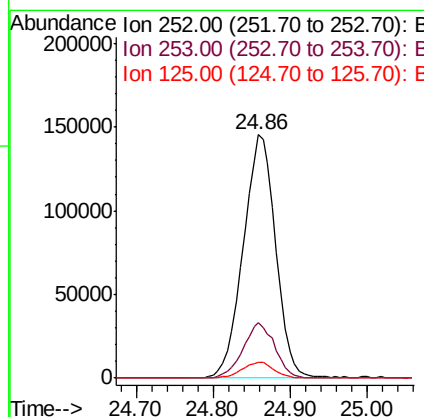
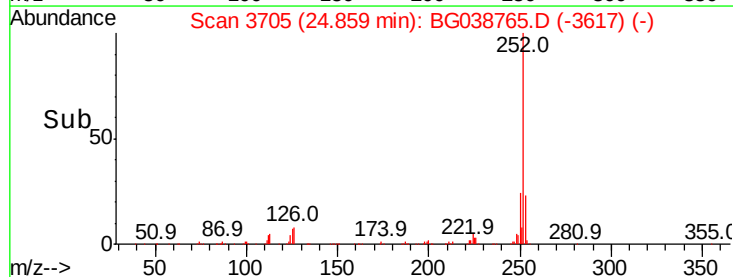
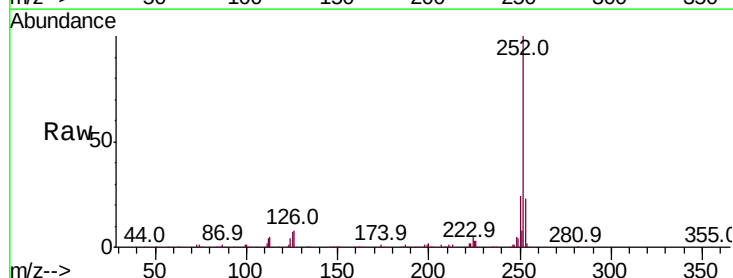
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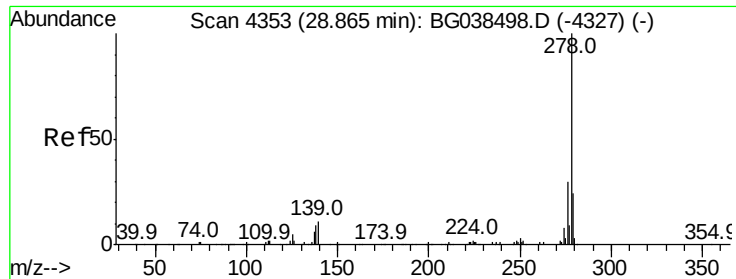
Sohil
12/21/2018 2:43:38 PM



#90
Benzo(a)pyrene
Concen: 45.875 ng
RT: 24.86 min Scan# 3705
Delta R.T. -0.01 min
Lab File: BG038765.D
Acq: 20 Dec 2018 16:53

Tgt Ion:	252	Resp:	427981
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.4	26.0
125	6.5	6.4	9.6





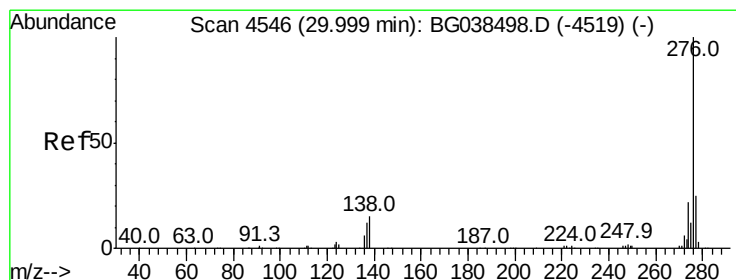
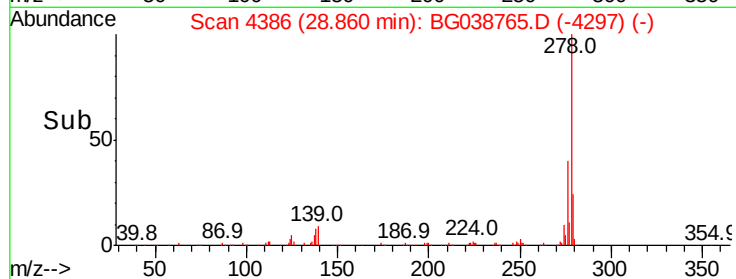
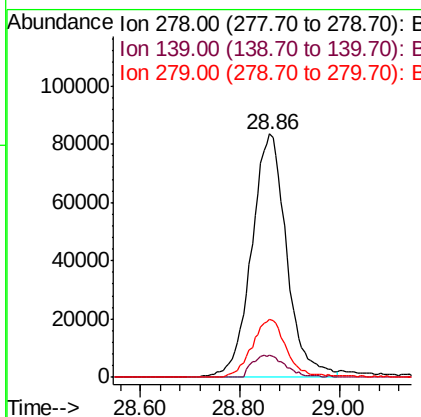
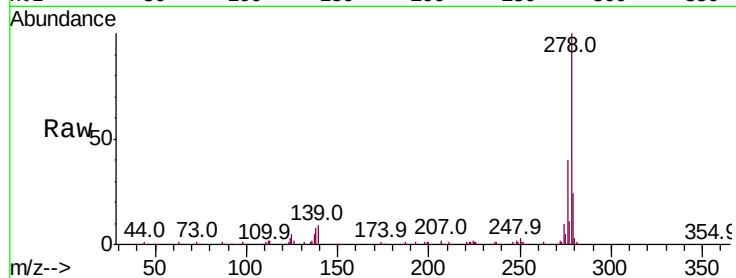
#91
Dibenzo(a,h)anthracene
Concen: 43.923 ng
RT: 28.86 min Scan# 4386
Delta R.T. -0.00 min
Lab File: BG038765.D
Acq: 20 Dec 2018 16:53

Instrument :
BNA_G
ClientSampleId :
PB115871BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.2	8.6	12.8
279	23.8	19.0	28.6

Manual Integrations
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12/21/2018 2:43:38 PM



#92
Benzo(g,h,i)perylene
Concen: 44.486 ng
RT: 29.99 min Scan# 4578
Delta R.T. -0.01 min
Lab File: BG038765.D
Acq: 20 Dec 2018 16:53

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.7	19.8	29.8
138	13.5	11.8	17.6

