

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121518\
 Data File : BG038602.D
 Acq On : 15 Dec 2018 13:32
 Operator : JU/SJ
 Sample : PB115709BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115709BS

Manual Integrations
 APPROVED

Sohil
 12/16/2018 2:01:07 PM

Quant Time: Dec 16 03:54:25 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	22056	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	87823	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	55892	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	142139	20.00	ng	0.00
76) Chrysene-d12	21.72	240	153412	20.00	ng	0.00
87) Perylene-d12	25.01	264	171220	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	158091	127.13	ng	0.00
7) Phenol-d6	7.22	99	207225	121.39	ng	0.00
23) Nitrobenzene-d5	9.24	82	120738	70.23	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	90134	117.01	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	277012	67.99	ng	0.00
79) Terphenyl-d14	20.04	244	601628	85.35	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	21222	36.668	ng	92
3) Pyridine	3.89	79	58090	36.455	ng	93
4) n-Nitrosodimethylamine	3.81	42	37666	48.243	ng	# 89
6) Aniline	7.39	93	76141	34.939	ng	99
8) 2-Chlorophenol	7.62	128	64405	44.755	ng	99
9) Benzaldehyde	7.20	77	22783	20.573	ng	97
10) Phenol	7.24	94	80960	44.639	ng	99
11) bis(2-Chloroethyl)ether	7.48	93	56391	39.053	ng	97
12) 1,3-Dichlorobenzene	7.94	146	66803	39.261	ng	98
13) 1,4-Dichlorobenzene	8.10	146	68006	39.025	ng	98
14) 1,2-Dichlorobenzene	8.41	146	64580	39.310	ng	99
15) Benzyl Alcohol	8.30	79	57198	42.926	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.58	45	129739	39.223	ng	99
17) 2-Methylphenol	8.50	107	54084	44.509	ng	94
18) Hexachloroethane	9.14	117	25460	39.982	ng	96
19) n-Nitroso-di-n-propylamine	8.86	70	47281	39.434	ng	97
20) 3+4-Methylphenols	8.82	107	74311	44.282	ng	97
22) Acetophenone	8.89	105	92346	42.097	ng	# 99
24) Nitrobenzene	9.28	77	73769	42.419	ng	97
25) Isophorone	9.79	82	131494	42.573	ng	98
26) 2-Nitrophenol	9.99	139	35328	39.690	ng	92
27) 2,4-Dimethylphenol	10.04	122	63390	49.692	ng	98
28) bis(2-Chloroethoxy)methane	10.28	93	75926	43.559	ng	99
29) 2,4-Dichlorophenol	10.52	162	65290	46.007	ng	98
30) 1,2,4-Trichlorobenzene	10.73	180	69386	40.477	ng	98
31) Naphthalene	10.93	128	192110	44.397	ng	98
32) Benzoic acid	10.19	122	27111m	36.538	ng	
33) 4-Chloroaniline	11.05	127	44024	23.434	ng	97
34) Hexachlorobutadiene	11.19	225	45428	39.165	ng	94
35) Caprolactam	11.83	113	21515m	36.634	ng	
36) 4-Chloro-3-methylphenol	12.15	107	67749	41.834	ng	97
37) 2-Methylnaphthalene	12.53	142	137413	44.513	ng	99
38) 1-Methylnaphthalene	12.74	142	131846	44.014	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	81650	39.082	ng	99

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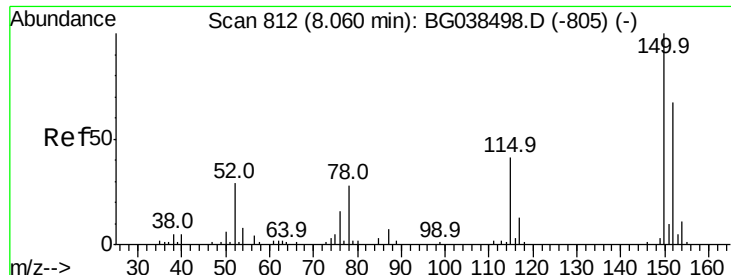
Manual Integrations
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 12/16/2018 2:01:07 PM

Quant Time: Dec 16 03:54:25 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	114560	99.808	ng	96
43) 2,4,6-Trichlorophenol	13.13	196	54059	42.083	ng	98
44) 2,4,5-Trichlorophenol	13.21	196	58403	42.941	ng	99
46) 1,1'-Biphenyl	13.53	154	181642	38.766	ng	99
47) 2-Chloronaphthalene	13.58	162	143749	39.717	ng	99
48) 2-Nitroaniline	13.79	65	48475	42.048	ng	93
49) Acenaphthylene	14.42	152	236473	43.704	ng	99
50) Dimethylphthalate	14.14	163	194521	42.618	ng	99
51) 2,6-Dinitrotoluene	14.28	165	43506	42.061	ng	97
52) Acenaphthene	14.76	154	133142	41.151	ng	93
53) 3-Nitroaniline	14.61	138	31858	30.214	ng	98
54) 2,4-Dinitrophenol	14.82	184	47683	77.641	ng	93
55) Dibenzofuran	15.09	168	227758	41.067	ng	99
56) 4-Nitrophenol	14.91	139	69457	86.833	ng	91
57) 2,4-Dinitrotoluene	15.06	165	61055	41.909	ng	99
58) Fluorene	15.74	166	180560	43.943	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.32	232	52363	42.792	ng	97
60) Diethylphthalate	15.50	149	198279	39.572	ng	99
61) 4-Chlorophenyl-phenylether	15.73	204	101287	39.508	ng	98
62) 4-Nitroaniline	15.78	138	47613	43.862	ng	95
63) Azobenzene	16.02	77	173049	41.342	ng	98
65) 4,6-Dinitro-2-methylphenol	15.82	198	39358	38.817	ng	98
66) n-Nitrosodiphenylamine	15.95	169	165348	39.591	ng	98
67) 4-Bromophenyl-phenylether	16.62	248	67218	38.722	ng	96
68) Hexachlorobenzene	16.74	284	70222	39.023	ng	99
69) Atrazine	16.89	200	70886	45.736	ng	97
70) Pentachlorophenol	17.09	266	78309	73.573	ng	98
71) Phenanthrene	17.49	178	323229	43.852	ng	98
72) Anthracene	17.58	178	332708	45.723	ng	98
73) Carbazole	17.85	167	299625	41.636	ng	99
74) Di-n-butylphthalate	18.38	149	367898	44.553	ng	98
75) Fluoranthene	19.49	202	426147	46.728	ng	97
77) Benzidine	19.68	184	211265	46.565	ng	100
78) Pyrene	19.86	202	422507	41.689	ng	99
80) Butylbenzylphthalate	20.72	149	169482	42.803	ng	99
81) Benzo(a)anthracene	21.70	228	417197	44.629	ng	98
82) 3,3'-Dichlorobenzidine	21.62	252	108746	29.331	ng	97
83) Chrysene	21.77	228	379789	42.180	ng	98
84) Bis(2-ethylhexyl)phthalate	21.57	149	239319	42.616	ng	99
85) Di-n-octyl phthalate	22.80	149	407226	43.299	ng	98
86) Indeno(1,2,3-cd)pyrene	28.80	276	473567	44.736	ng	# 80
88) Benzo(b)fluoranthene	23.96	252	409574	43.569	ng	100
89) Benzo(k)fluoranthene	24.04	252	408972	43.689	ng	98
90) Benzo(a)pyrene	24.86	252	407660	44.950	ng	98
91) Dibenzo(a,h)anthracene	28.85	278	398549	44.136	ng	99
92) Benzo(g,h,i)perylene	29.99	276	393385	44.205	ng	99

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



#1

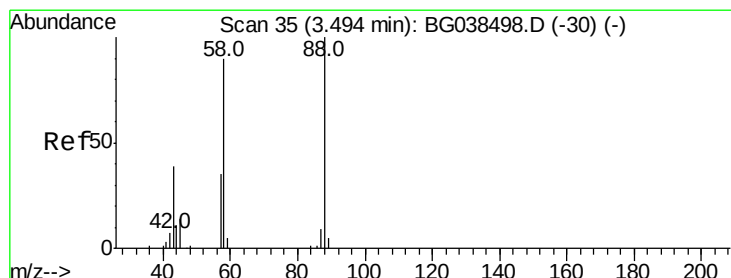
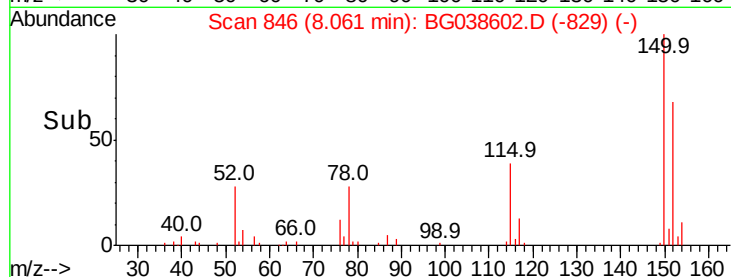
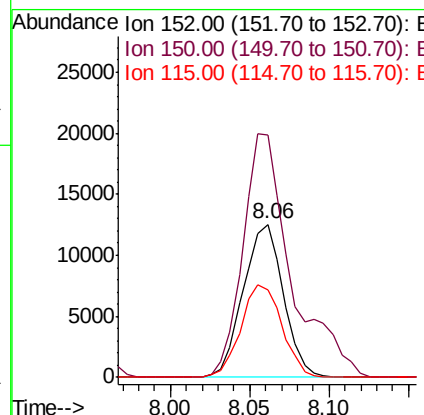
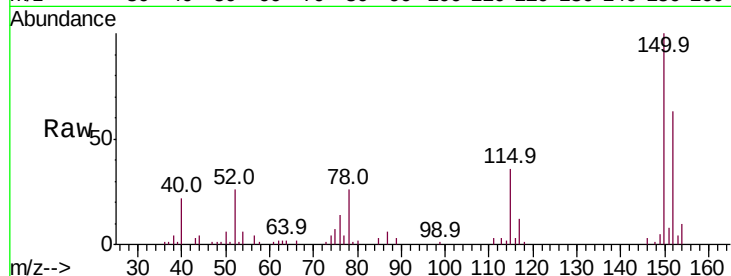
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. 0.00 min
Lab File: BG038602.D
Acq: 15 Dec 2018 13:32

Instrument :
BNA_G
ClientSampleId :
PB115709BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	119.5	179.3
115	57.1	49.6	74.4

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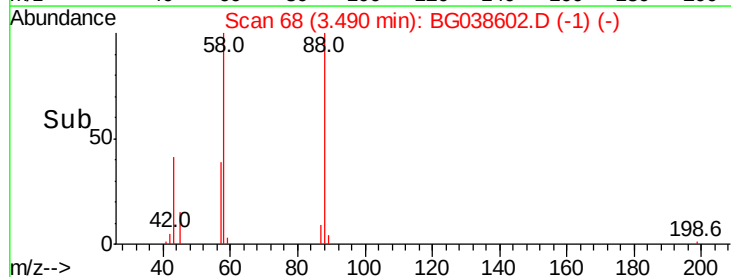
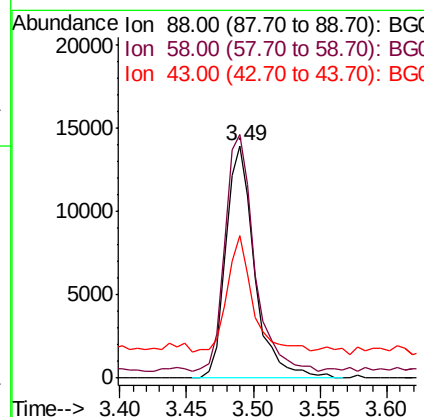
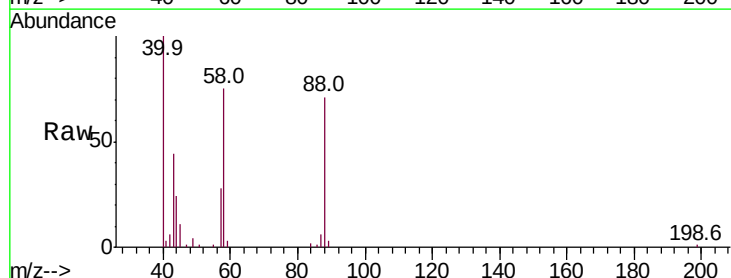
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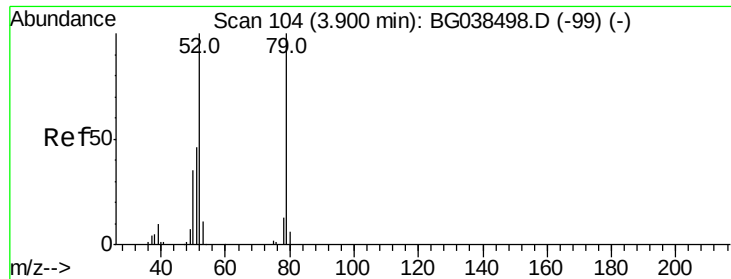


#2

1,4-Dioxane
Concen: 36.668 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.00 min
Lab File: BG038602.D
Acq: 15 Dec 2018 13:32

Tgt Ion	Ratio	Lower	Upper
88	100		
58	104.0	75.7	113.5
43	42.8	31.6	47.4





#3

Pvridine

Concen: 36.455 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.01 min

Lab File: BG038602.D

Acq: 15 Dec 2018 13:32

Instrument :

BNA_G

ClientSampleId :

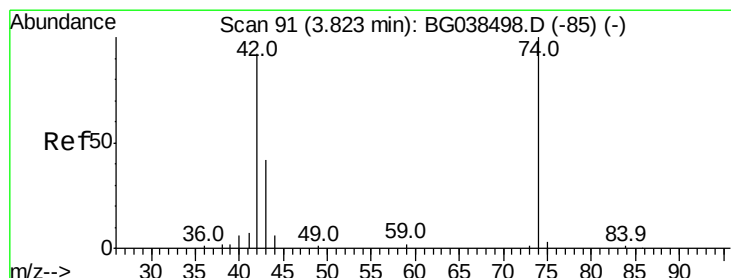
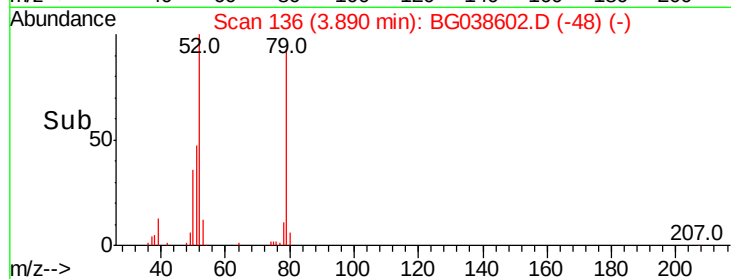
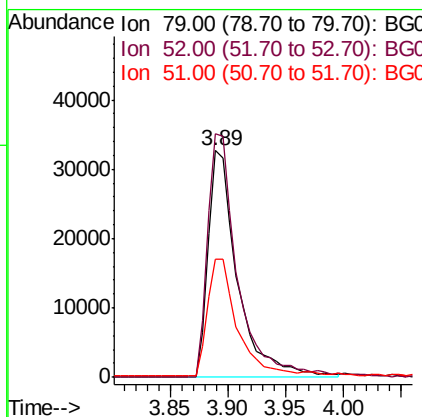
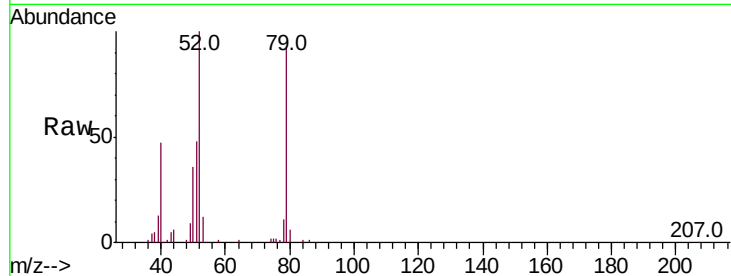
PB115709BS

Tot Ion: 79 Resp: 58090

Ion	Ratio	Lower	Upper
79	100		
52	107.3	80.2	120.2
51	51.9	38.0	57.0

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 48.243 ng

RT: 3.81 min Scan# 123

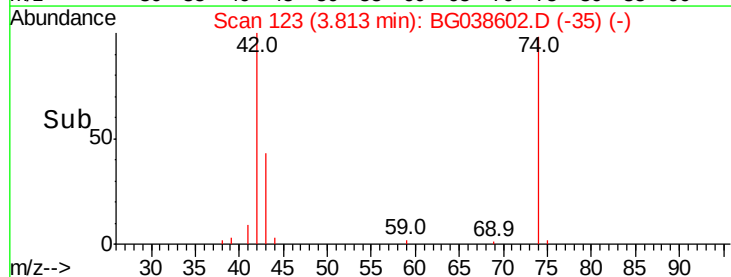
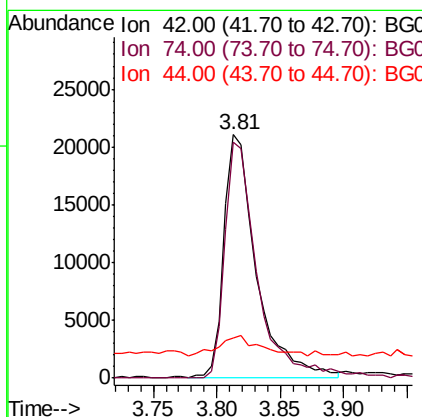
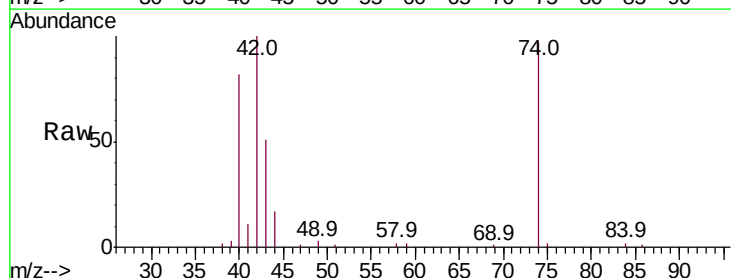
Delta R.T. -0.01 min

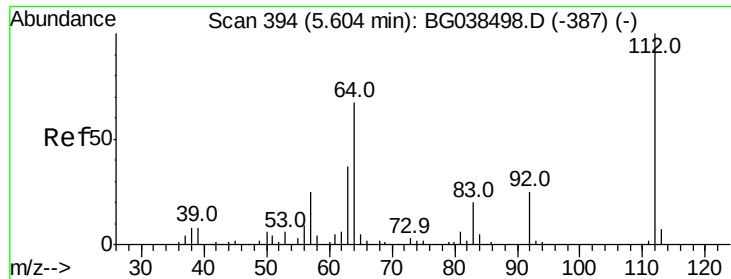
Lab File: BG038602.D

Acq: 15 Dec 2018 13:32

Tgt Ion: 42 Resp: 37666

Ion	Ratio	Lower	Upper
42	100		
74	97.0	86.7	130.1
44	16.6	7.8	11.8#





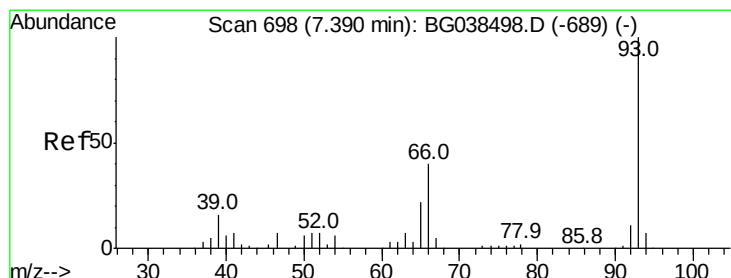
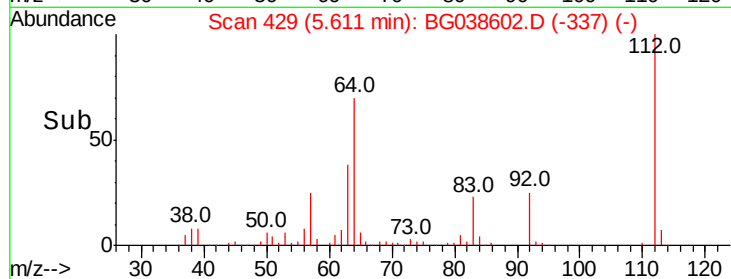
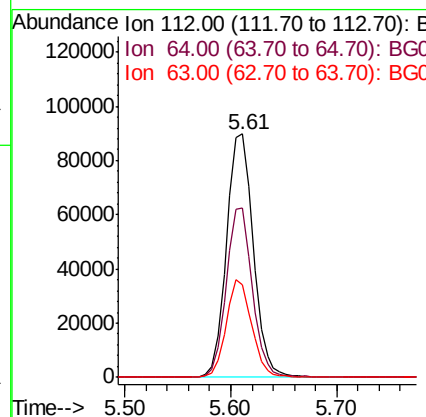
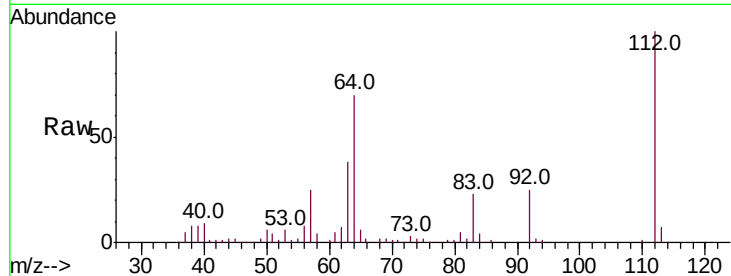
#5
2-Fluorophenol
Concen: 127.130 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038602.D
Acq: 15 Dec 2018 13:32

Instrument :
BNA_G
ClientSampleId :
PB115709BS

Tot Ion:	112	Resp:	158091
Ion Ratio	Lower	Upper	
112	100		
64	69.7	53.4	80.2
63	38.3	29.3	43.9

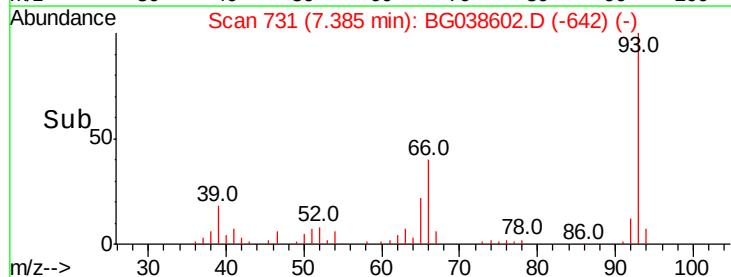
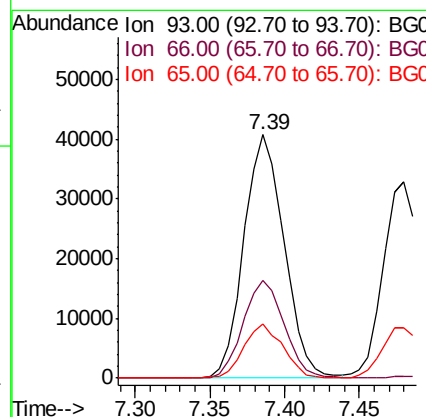
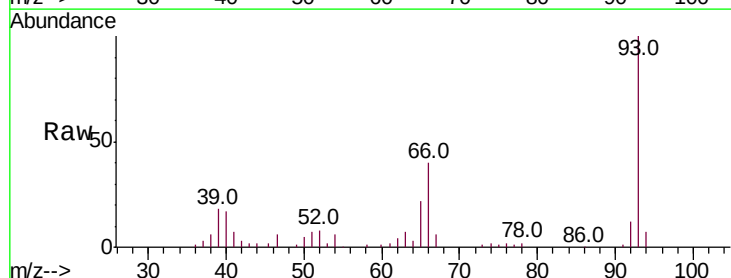
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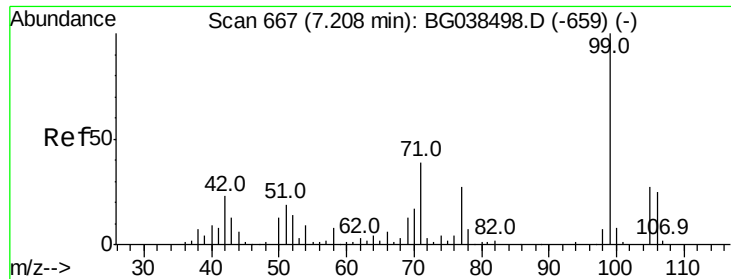
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#6
Aniline
Concen: 34.939 ng
RT: 7.39 min Scan# 731
Delta R.T. -0.00 min
Lab File: BG038602.D
Acq: 15 Dec 2018 13:32

Tgt Ion:	93	Resp:	76141
Ion Ratio	Lower	Upper	
93	100		
66	40.0	31.7	47.5
65	22.3	17.8	26.6





#7

Phenol-d6

Concen: 121.388 ng

RT: 7.22 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG038602.D

Acq: 15 Dec 2018 13:32

Instrument :

BNA_G

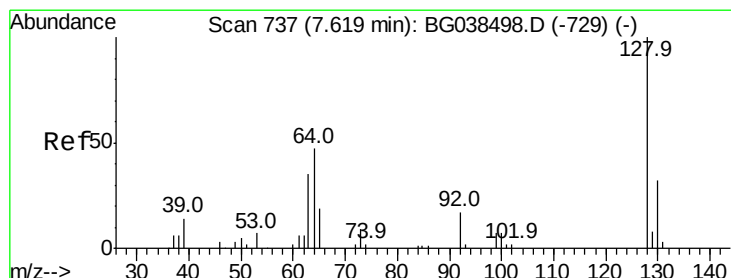
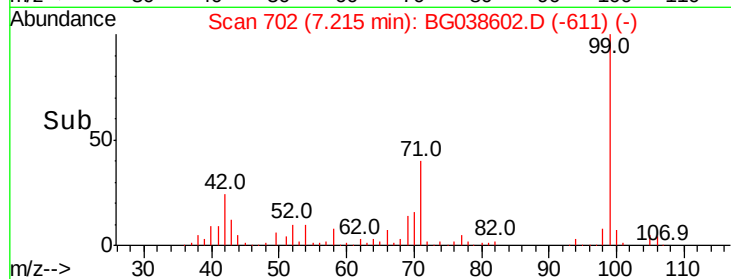
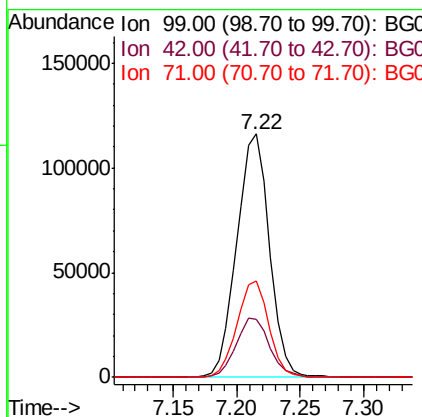
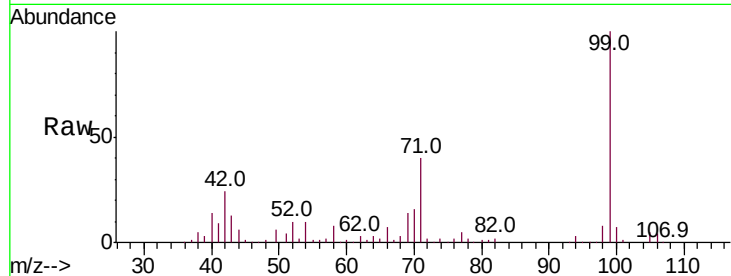
ClientSampleId :

PB115709BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		207225		
42	23.7	18.5	27.7		
71	39.9	31.1	46.7		

Manual Integrations
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#8

2-Chlorophenol

Concen: 44.755 ng

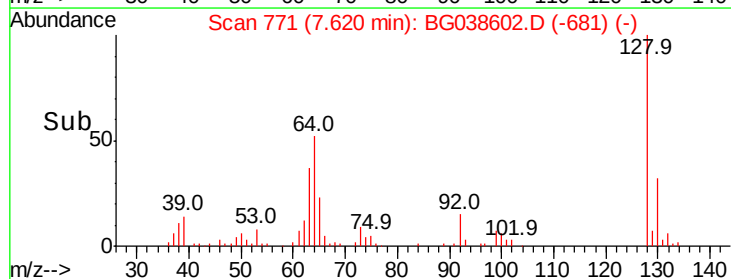
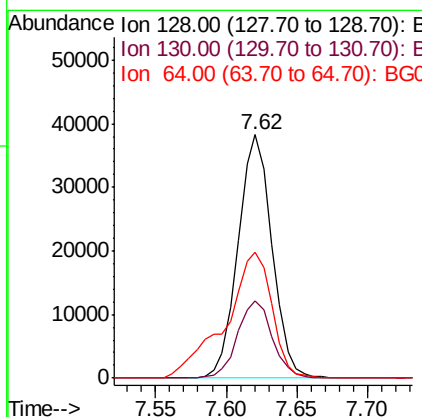
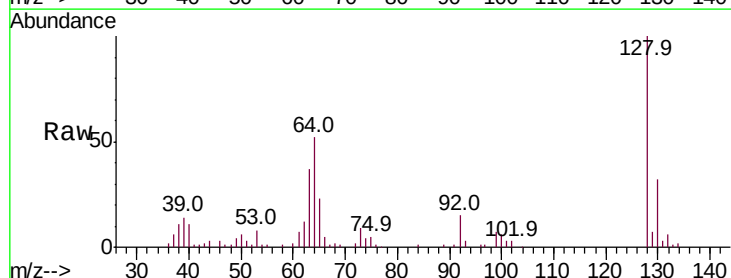
RT: 7.62 min Scan# 771

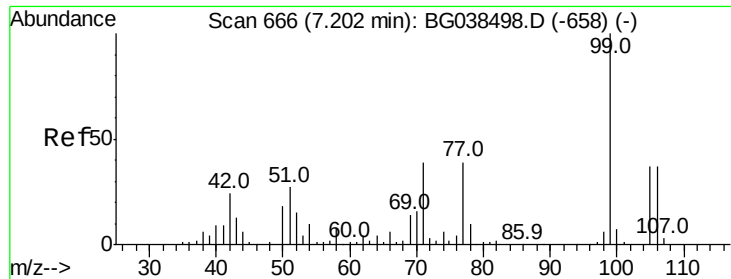
Delta R.T. 0.00 min

Lab File: BG038602.D

Acq: 15 Dec 2018 13:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		64405		
130	31.8	11.8	51.8		
64	51.7	33.2	73.2		





#9

Benzaldehyde

Concen: 20.573 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG038602.D

Acq: 15 Dec 2018 13:32

Instrument :

BNA_G

ClientSampleID :

PB115709BS

Tot Ion: 77 Resp: 22783

Ion Ratio Lower Upper

77 100

105 94.7 74.0 114.0

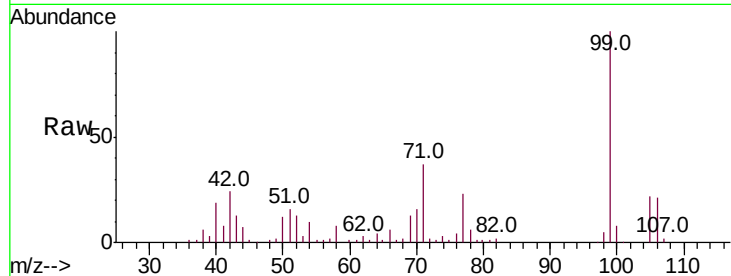
106 88.3 73.9 113.9

Manual Integrations

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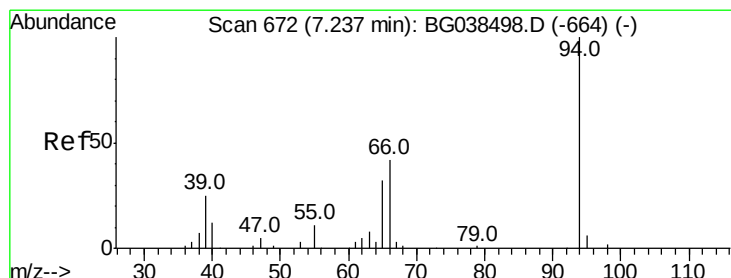
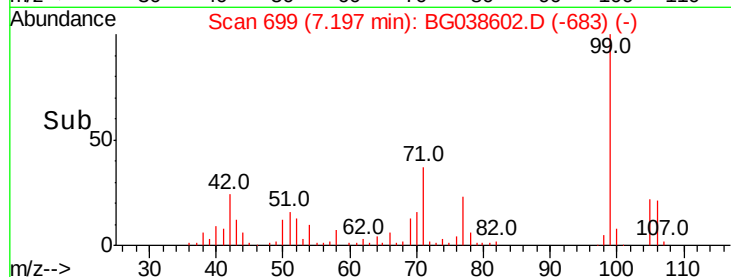
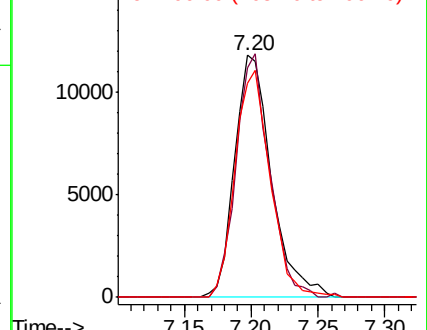
12/16/2018 2:01:07 PM



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 44.639 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG038602.D

Acq: 15 Dec 2018 13:32

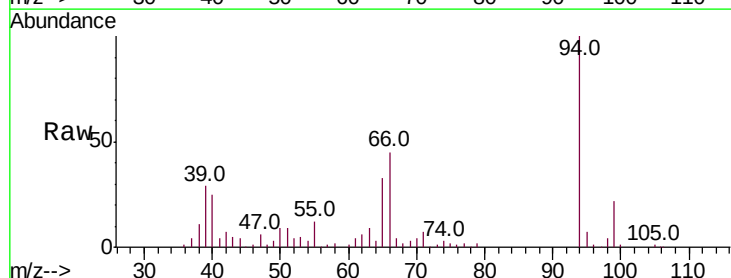
Tgt Ion: 94 Resp: 80960

Ion Ratio Lower Upper

94 100

65 33.1 12.6 52.6

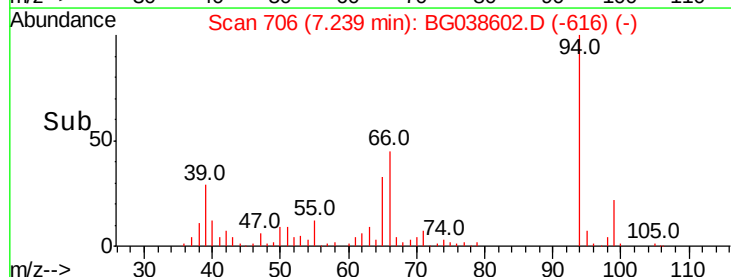
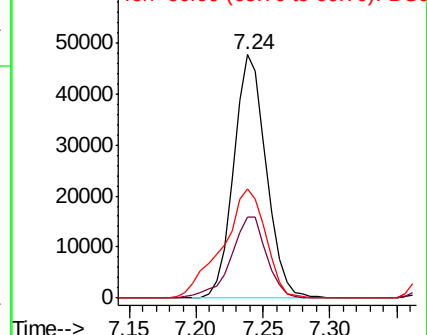
66 45.0 24.1 64.1

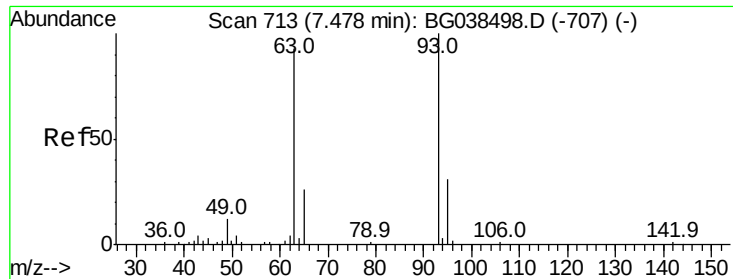


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





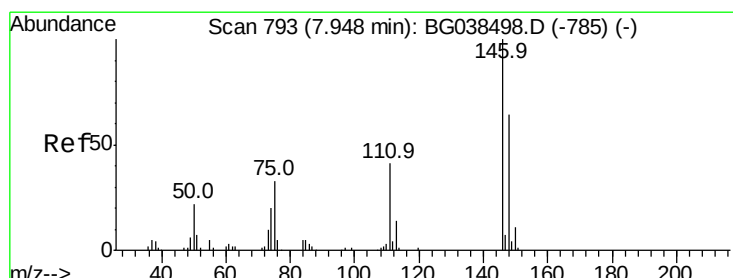
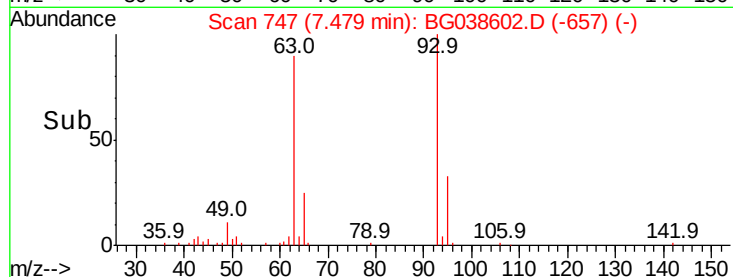
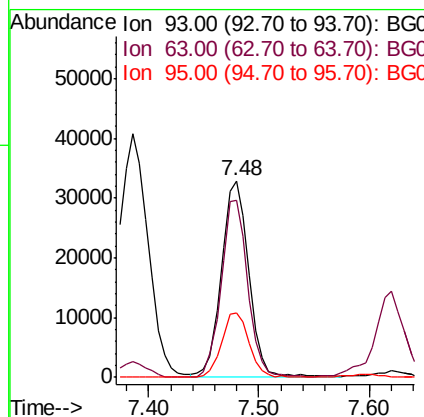
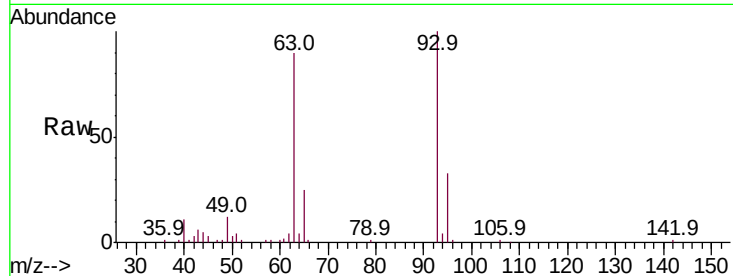
#11
bis(2-Chloroethyl)ether
Concen: 39.053 ng
RT: 7.48 min Scan# 747
Delta R.T. 0.00 min
Lab File: BG038602.D
Acq: 15 Dec 2018 13:32

Instrument :
BNA_G
ClientSampled :
PB115709BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	89.9	72.2	112.2
95	32.9	11.2	51.2

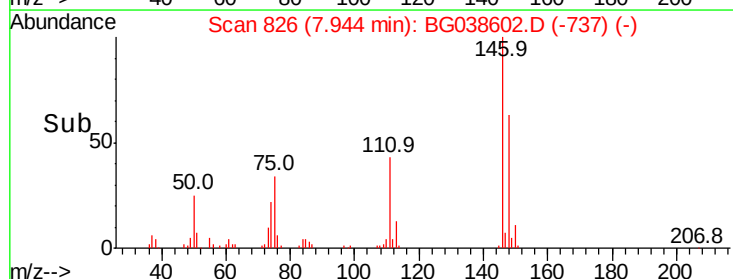
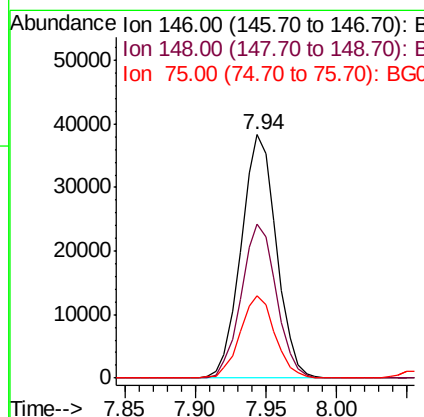
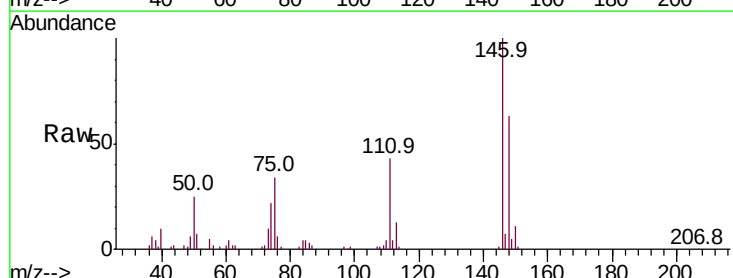
Manual Integrations
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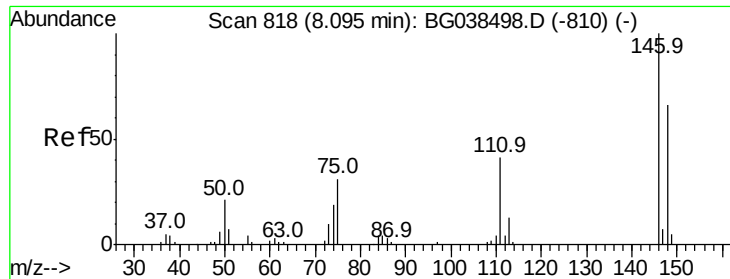
Sohil
12/16/2018 2:01:07 PM



#12
1,3-Dichlorobenzene
Concen: 39.261 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.00 min
Lab File: BG038602.D
Acq: 15 Dec 2018 13:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.4	77.0
75	34.0	26.1	39.1





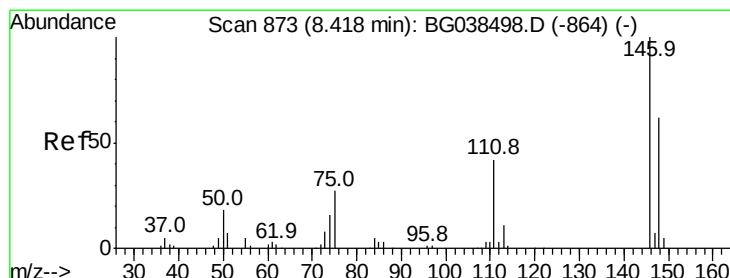
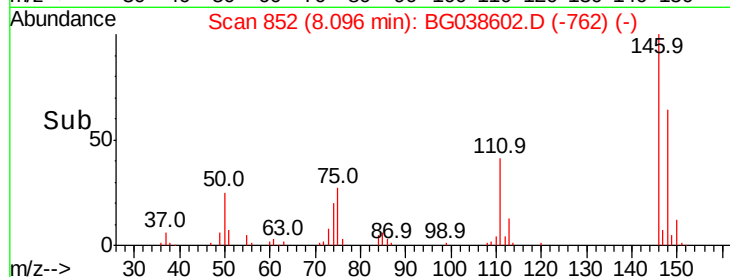
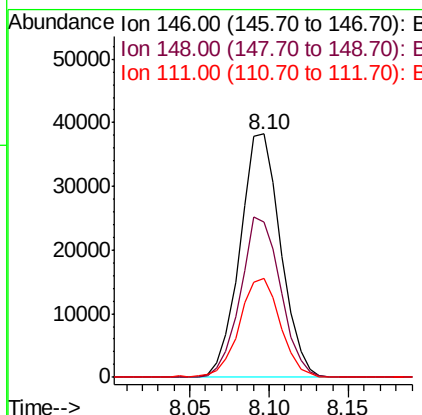
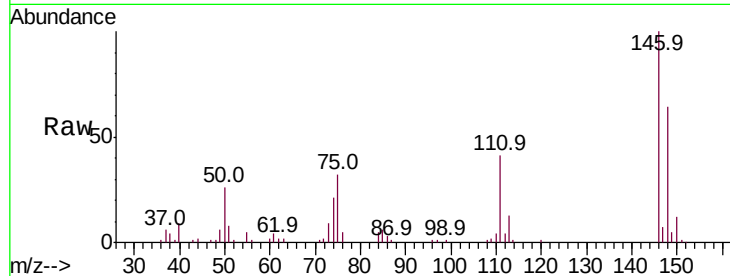
#13
 1,4-Dichlorobenzene
 Concen: 39.025 ng
 RT: 8.10 min Scan# 852
 Delta R.T. 0.00 min
 Lab File: BG038602.D
 Acq: 15 Dec 2018 13:32

Instrument :
 BNA_G
 ClientSampleID :
 PB115709BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	52.4	78.6
111	40.9	33.0	49.4

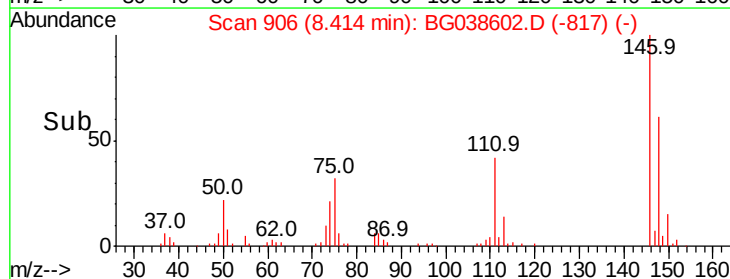
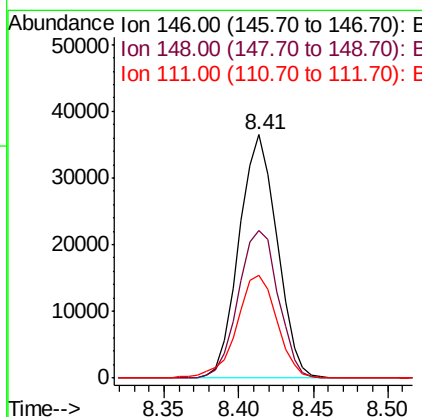
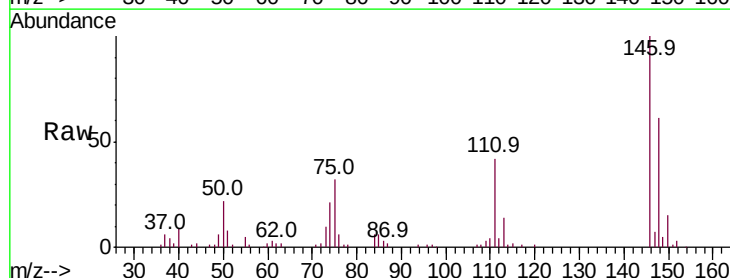
Manual Integrations
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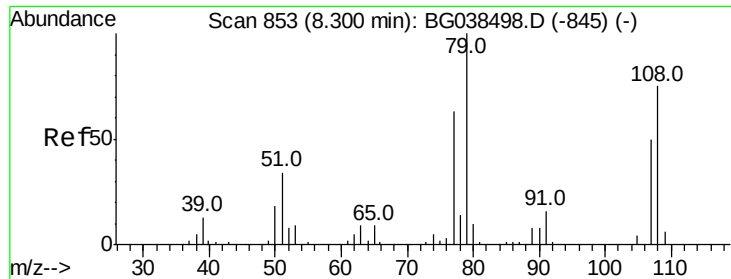
Sohil
 12/16/2018 2:01:07 PM



#14
 1,2-Dichlorobenzene
 Concen: 39.310 ng
 RT: 8.41 min Scan# 906
 Delta R.T. -0.00 min
 Lab File: BG038602.D
 Acq: 15 Dec 2018 13:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.6	49.4	74.0
111	42.5	33.8	50.6





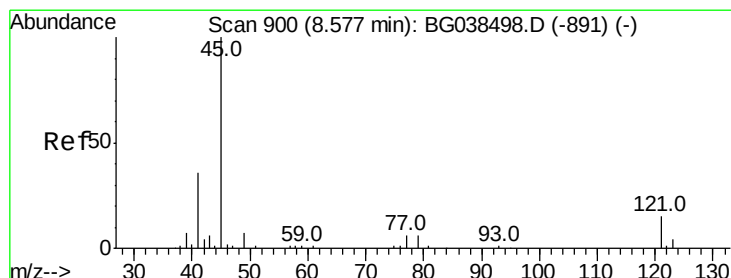
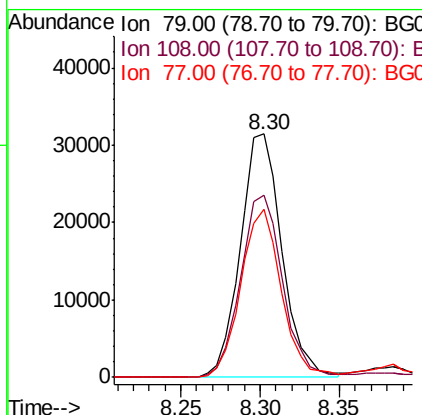
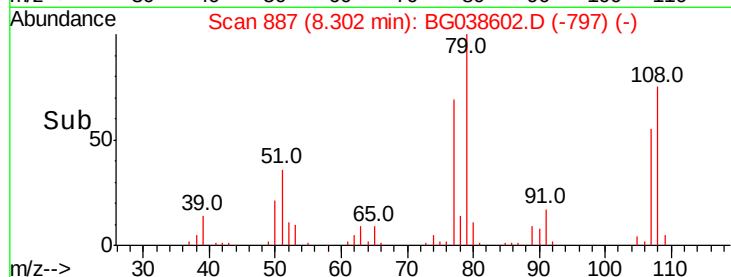
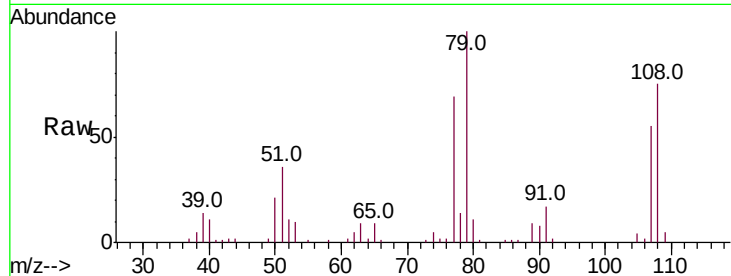
#15
Benzyl Alcohol
Concen: 42.926 ng
RT: 8.30 min Scan# 887
Delta R.T. 0.00 min
Lab File: BG038602.D
Acq: 15 Dec 2018 13:32

Instrument :
BNA_G
ClientSampleId :
PB115709BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	74.8	60.2	90.4
77	69.2	50.7	76.1

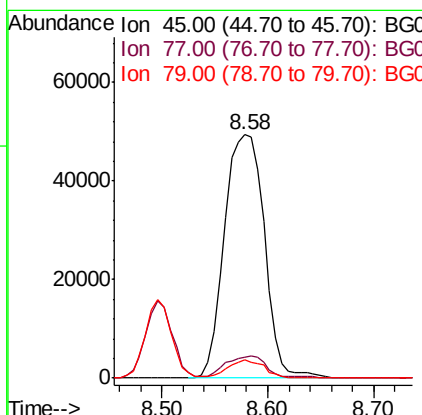
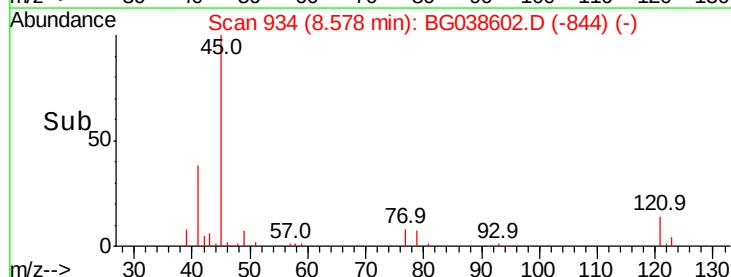
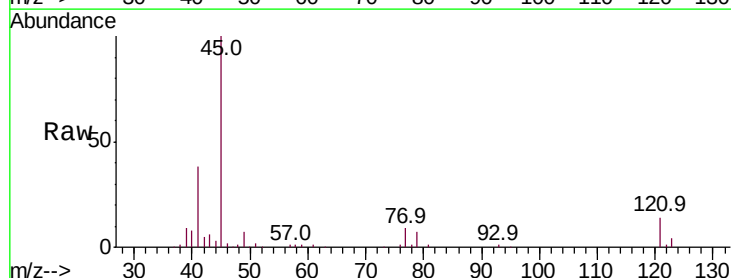
Manual Integrations
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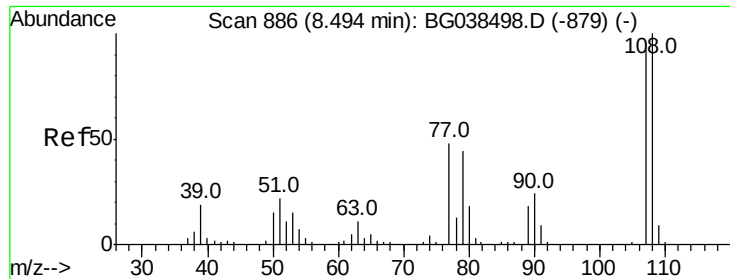
Sohil
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#16
2,2'-oxybis(1-chloropropane)
Concen: 39.223 ng
RT: 8.58 min Scan# 934
Delta R.T. 0.00 min
Lab File: BG038602.D
Acq: 15 Dec 2018 13:32

Tgt Ion	Ratio	Lower	Upper
45	100		
77	8.6	0.0	28.2
79	7.5	0.0	27.2





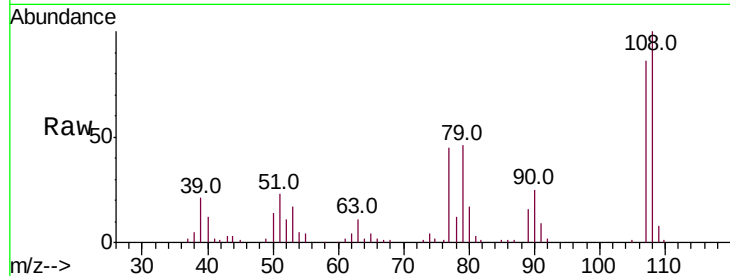
#17
2-Methylphenol
Concen: 44.509 ng
RT: 8.50 min Scan# 920
Delta R.T. 0.00 min
Lab File: BG038602.D
Acq: 15 Dec 2018 13:32

Instrument :
BNA_G
ClientSampleID :
PB115709BS

Tot Ion:	107	Resp:	54084
Ion	Ratio	Lower	Upper
107	100		
108	116.5	87.1	130.7
77	52.6	42.0	63.0
79	53.1	38.2	57.2

Manual Integrations
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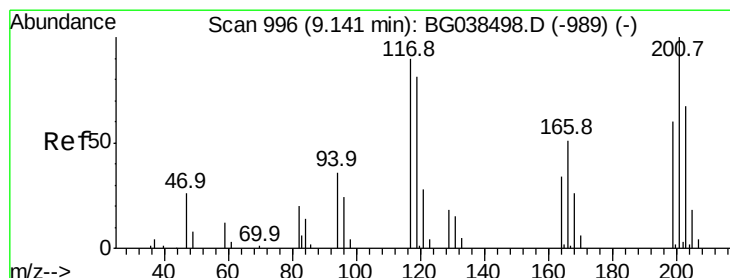
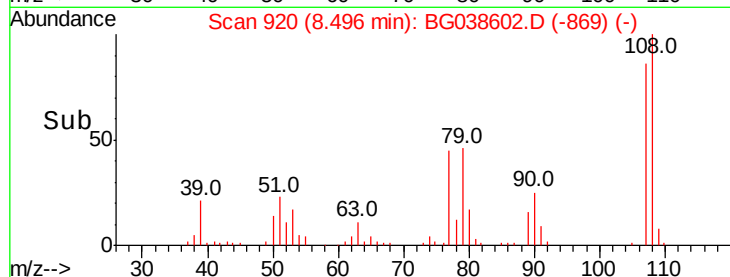
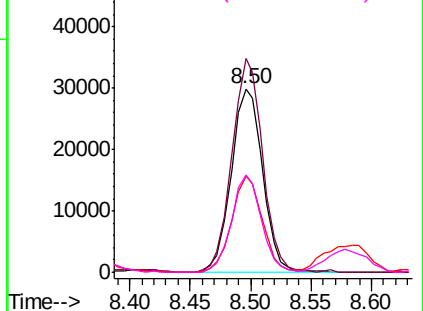
Abundance

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: 39.982 ng
RT: 9.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BG038602.D
Acq: 15 Dec 2018 13:32

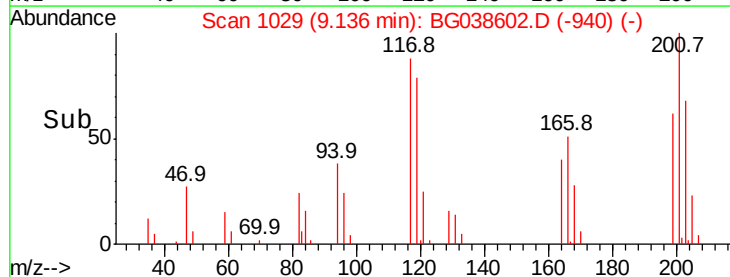
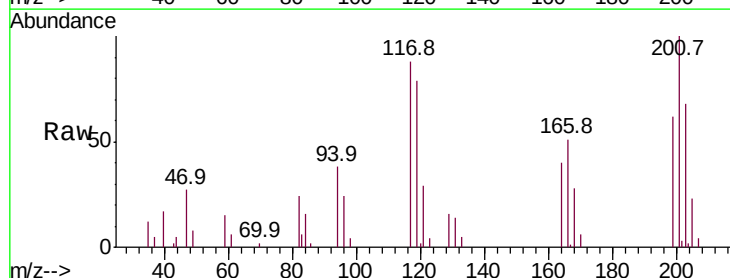
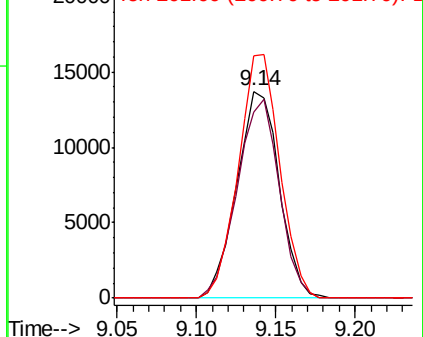
Tgt Ion:	117	Resp:	25460
Ion	Ratio	Lower	Upper
117	100		
119	90.0	73.8	110.8
201	117.0	89.4	134.0

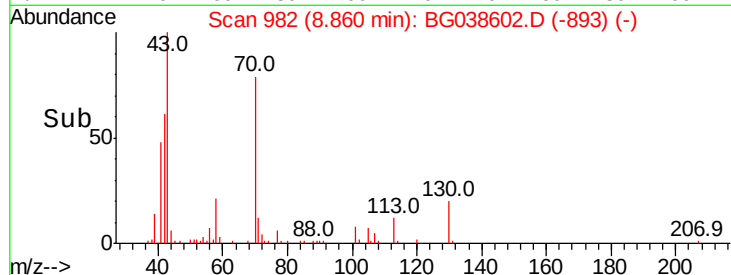
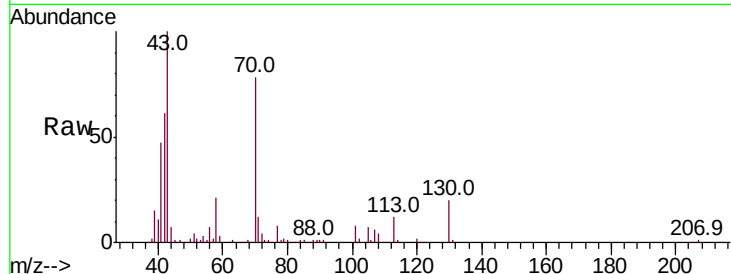
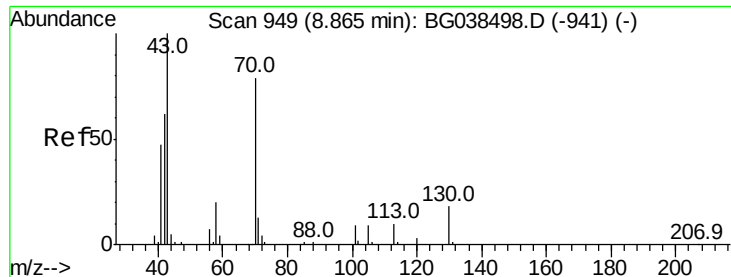
Abundance

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





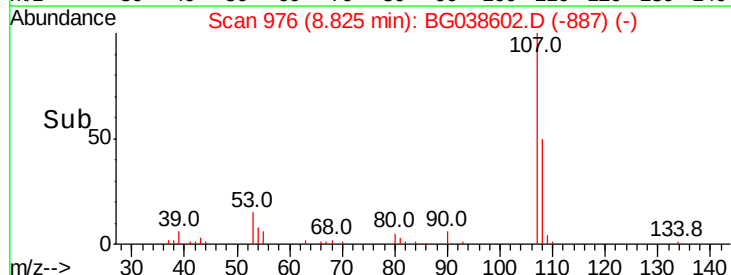
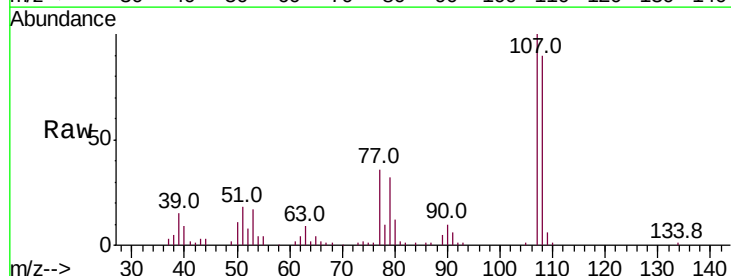
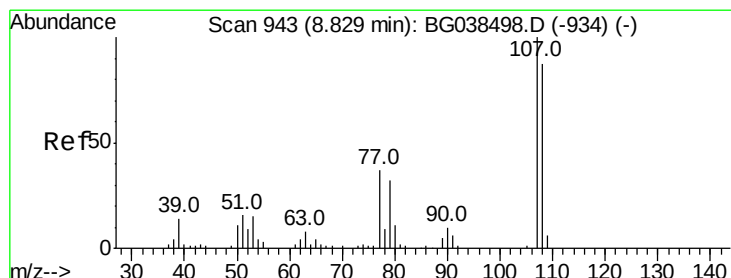
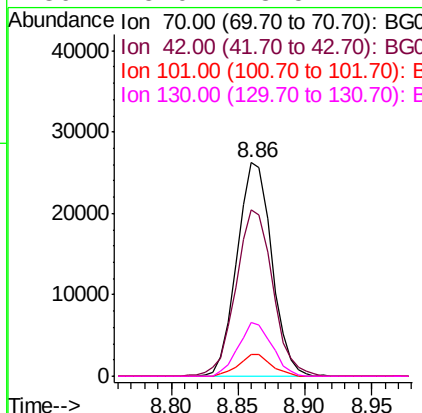
#19
n-Nitroso-di-n-propylamine
Concen: 39.434 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.00 min
Lab File: BG038602.D
Acq: 15 Dec 2018 13:32

Instrument :
BNA_G
ClientSampleId :
PB115709BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	77.6	63.6	95.4	
101	10.2	9.2	13.8	
130	25.0	18.5	27.7	

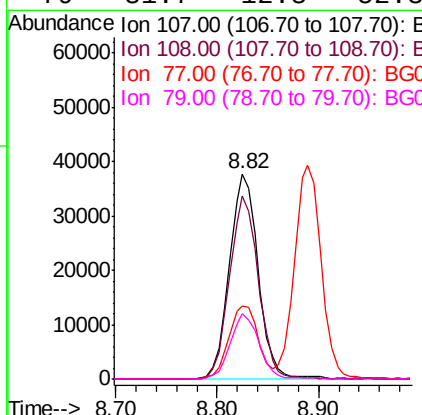
Manual Integrations
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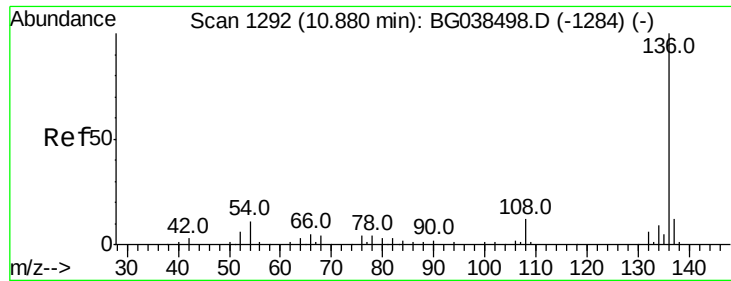
Sohil
12/16/2018 2:01:07 PM



#20
3+4-Methylphenols
Concen: 44.282 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.00 min
Lab File: BG038602.D
Acq: 15 Dec 2018 13:32

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.5	66.7	106.7	
77	35.7	17.3	57.3	
79	31.7	12.3	52.3	





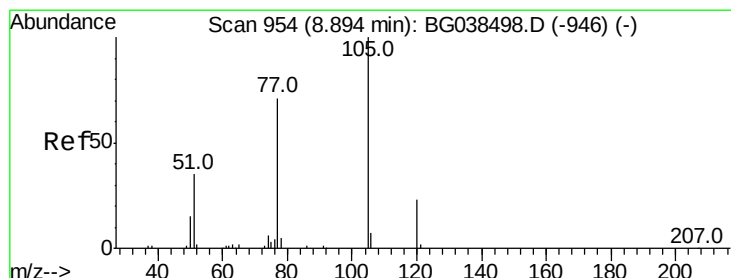
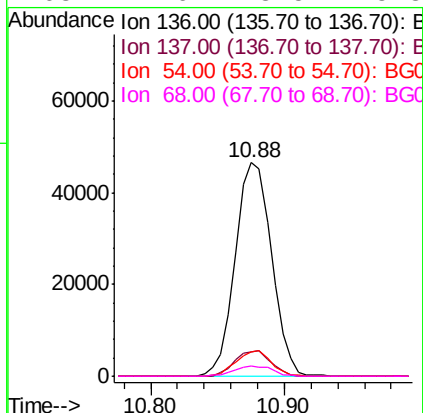
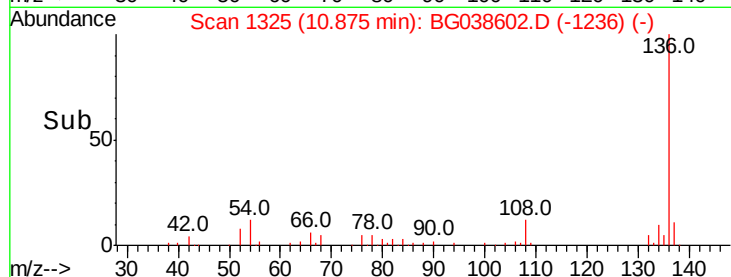
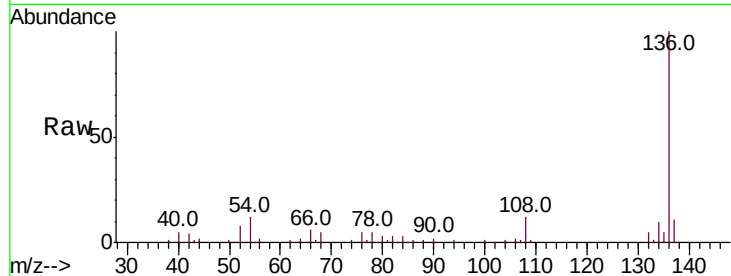
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BG038602.D
Acq: 15 Dec 2018 13:32

Instrument :
BNA_G
ClientSampleId :
PB115709BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.5	9.3	13.9	
54	11.6	8.5	12.7	
68	4.6	3.5	5.3	

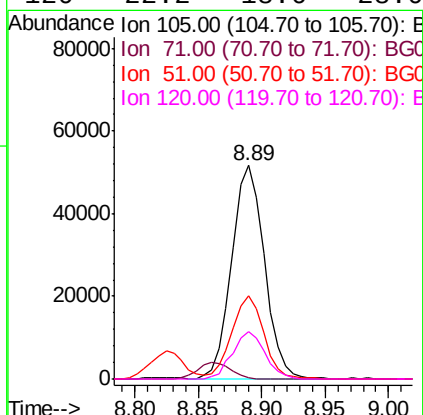
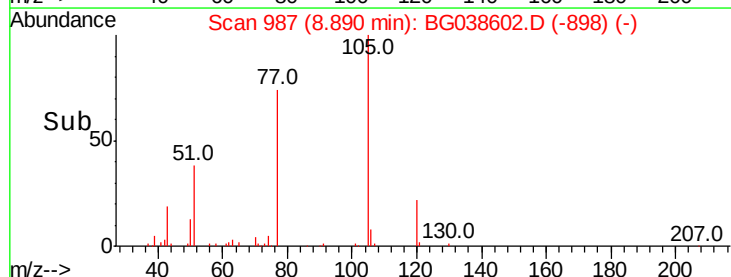
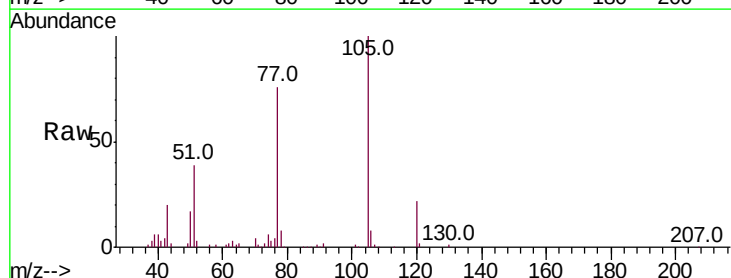
Manual Integrations
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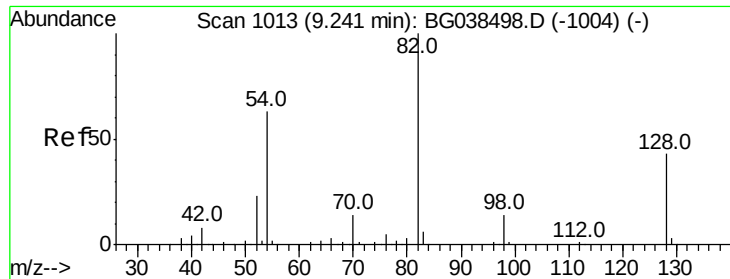
Sohil
12/16/2018 2:01:07 PM



#22
Acetophenone
Concen: 42.097 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.00 min
Lab File: BG038602.D
Acq: 15 Dec 2018 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.6	0.4	0.6#	
51	38.8	30.6	46.0	
120	22.2	18.6	28.0	





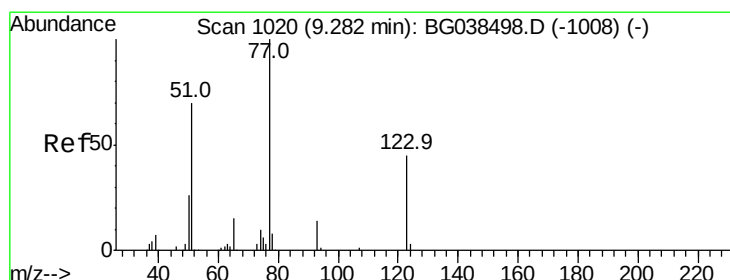
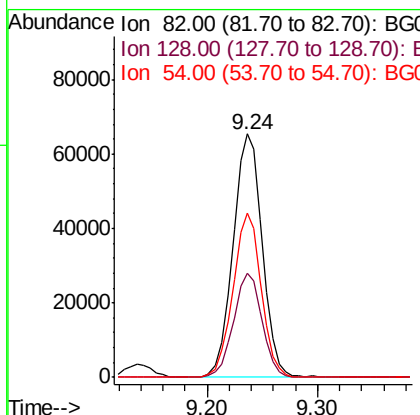
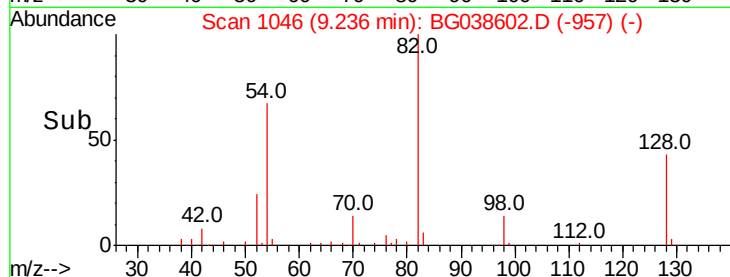
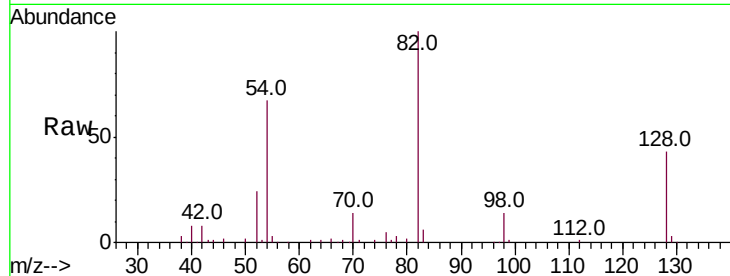
#23
Nitrobenzene-d5
Concen: 70.234 ng
RT: 9.24 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BG038602.D
Acq: 15 Dec 2018 13:32

Instrument :
BNA_G
ClientSampleID :
PB115709BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.7	34.6	52.0
54	67.4	50.6	76.0

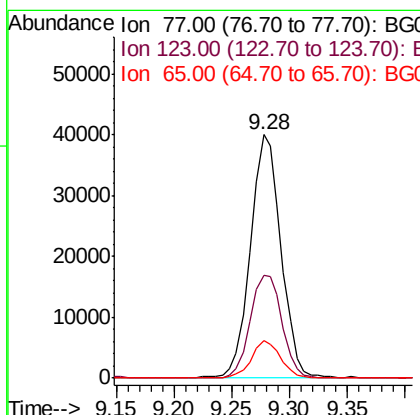
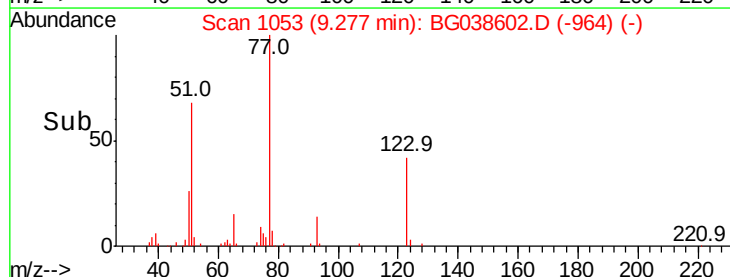
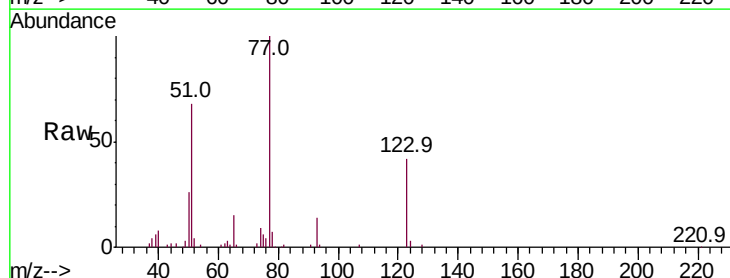
Manual Integrations
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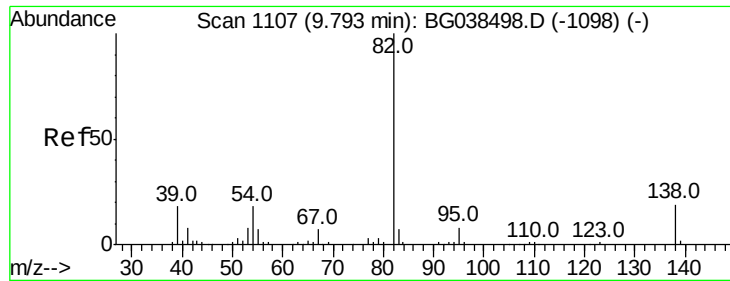
Sohil
12/16/2018 2:01:07 PM



#24
Nitrobenzene
Concen: 42.419 ng
RT: 9.28 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BG038602.D
Acq: 15 Dec 2018 13:32

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.3	35.9	53.9
65	15.4	12.0	18.0





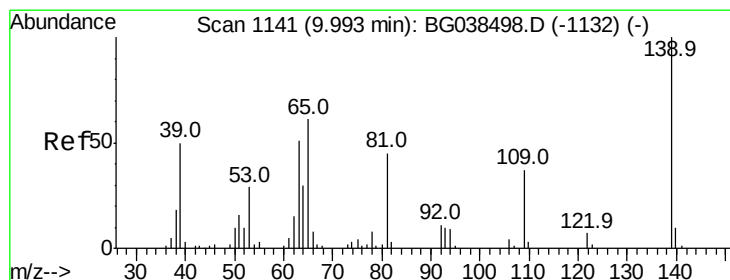
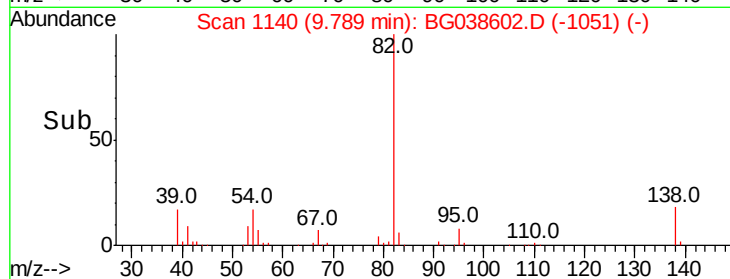
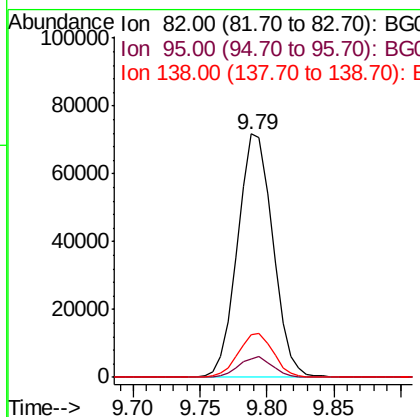
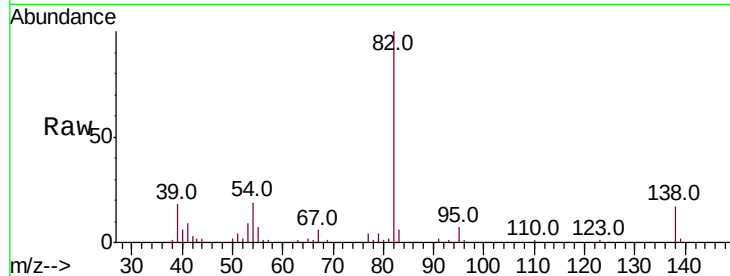
#25
Isophorone
Concen: 42.573 ng
RT: 9.79 min Scan# 1140
Delta R.T. -0.00 min
Lab File: BG038602.D
Acq: 15 Dec 2018 13:32

Instrument :
BNA_G
ClientSampleId :
PB115709BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.5	6.1	9.1	
138	17.4	14.9	22.3	

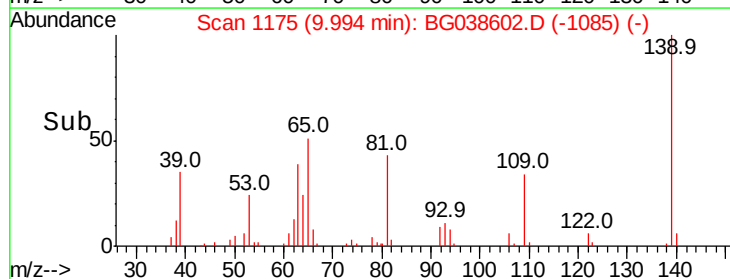
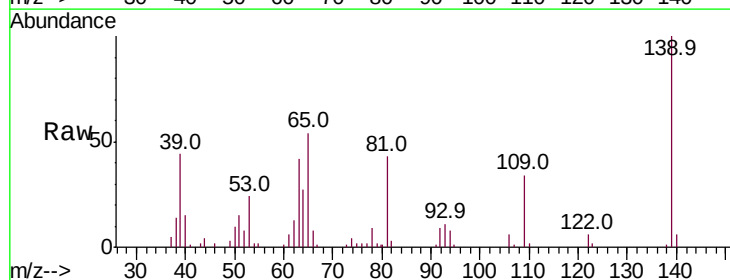
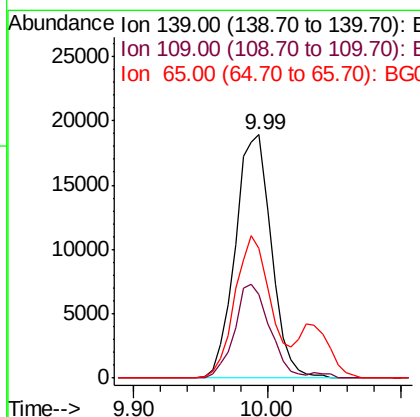
Manual Integrations
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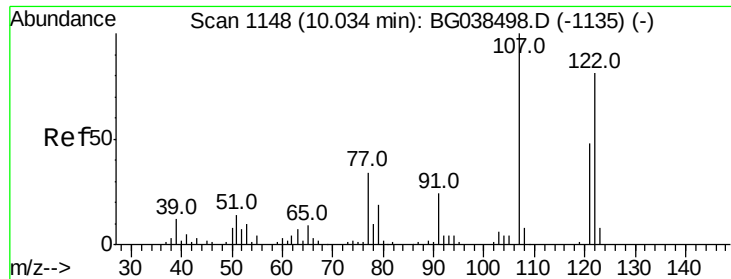
Sohil
12/16/2018 2:01:07 PM



#26
2-Nitrophenol
Concen: 39.690 ng
RT: 9.99 min Scan# 1175
Delta R.T. 0.00 min
Lab File: BG038602.D
Acq: 15 Dec 2018 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	34.1	29.5	44.3	
65	53.5	48.5	72.7	





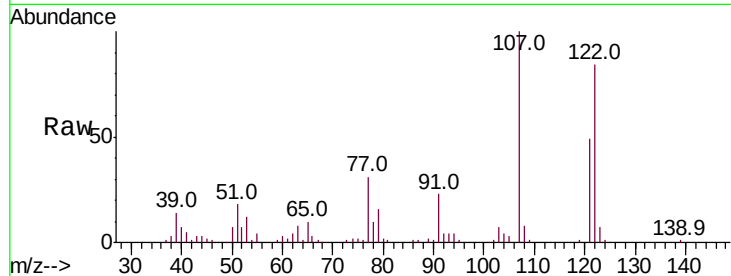
#27
 2,4-Dimethylphenol
 Concen: 49.692 ng
 RT: 10.04 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BG038602.D
 Acq: 15 Dec 2018 13:32

Instrument :
 BNA_G
 ClientSampleID :
 PB115709BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	119.2	98.4	147.6
121	58.7	47.2	70.8

Manual Integrations
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Sohil
 12/16/2018 2:01:07 PM

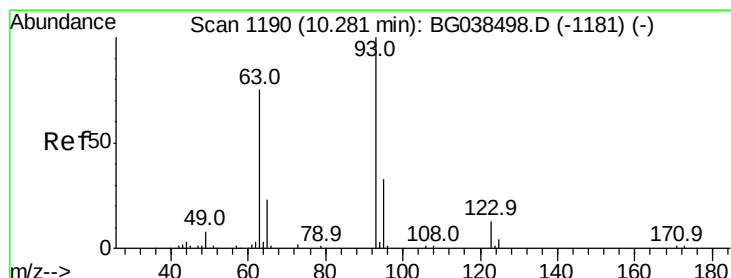
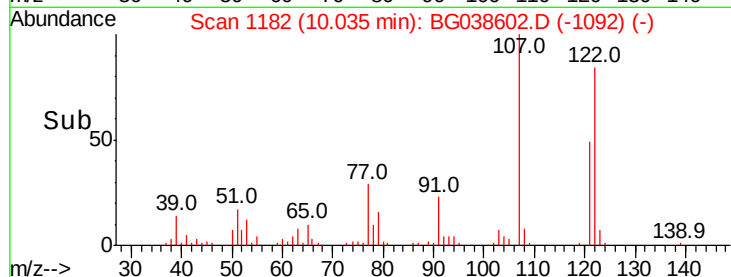
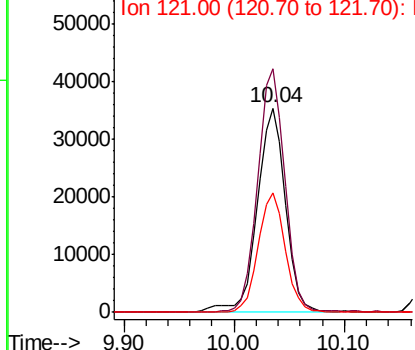


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.559 ng
 RT: 10.28 min Scan# 1223
 Delta R.T. -0.00 min
 Lab File: BG038602.D
 Acq: 15 Dec 2018 13:32

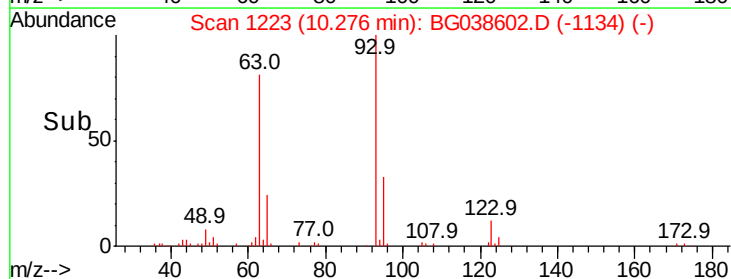
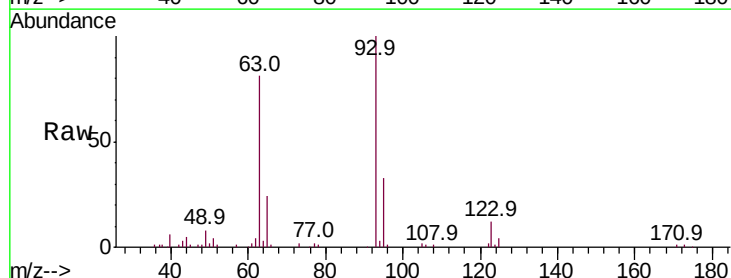
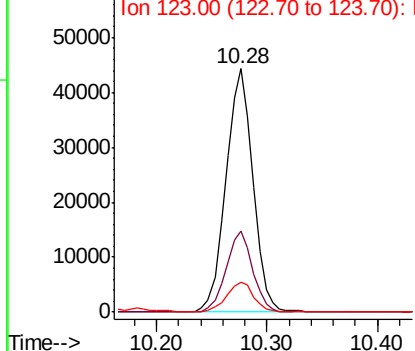
Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.6	40.0
123	12.2	10.6	16.0

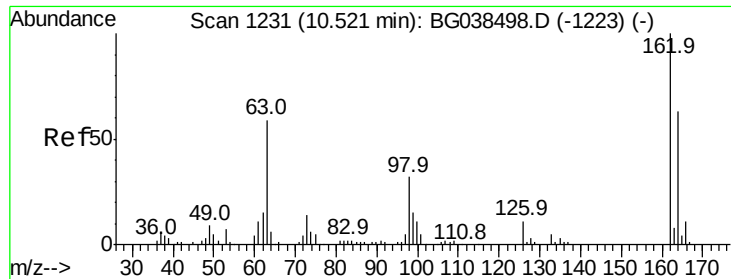
Abundance

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





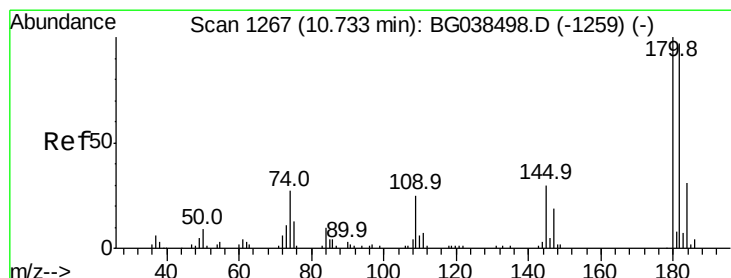
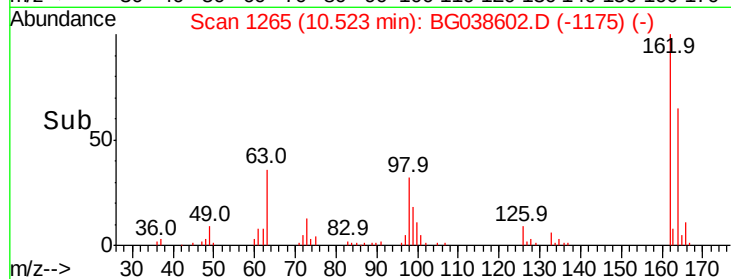
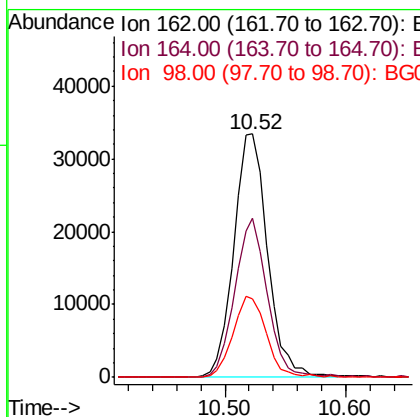
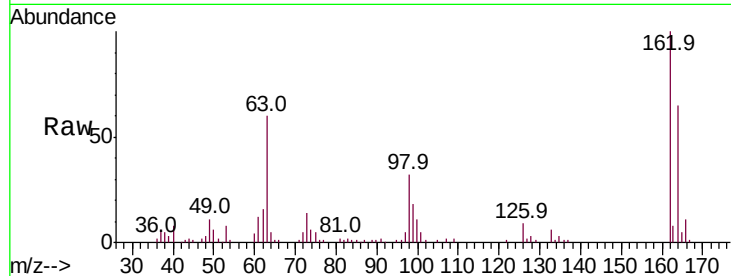
#29
 2,4-Dichlorophenol
 Concen: 46.007 ng
 RT: 10.52 min Scan# 1265
 Delta R.T. 0.00 min
 Lab File: BG038602.D
 Acq: 15 Dec 2018 13:32

Instrument :
 BNA_G
 ClientSampleId :
 PB115709BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	65290		
164	65.4		42.9	82.9
98	32.0		12.1	52.1

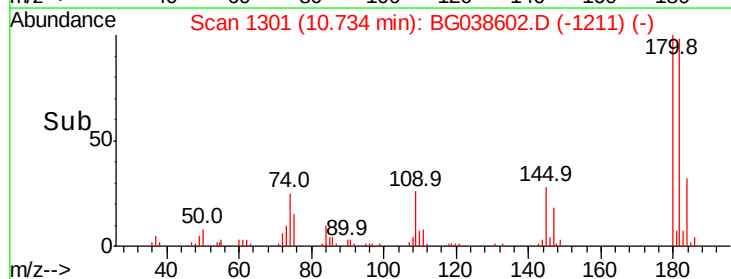
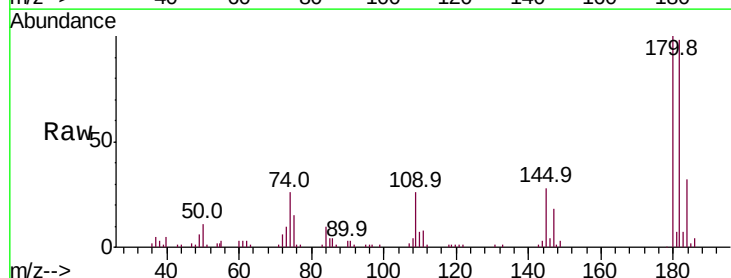
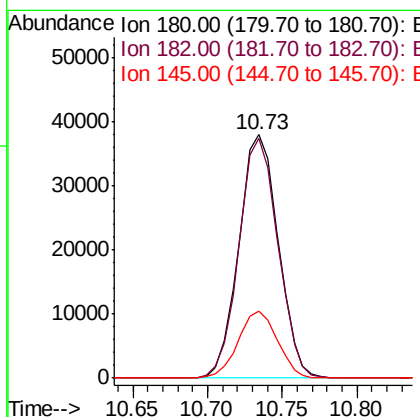
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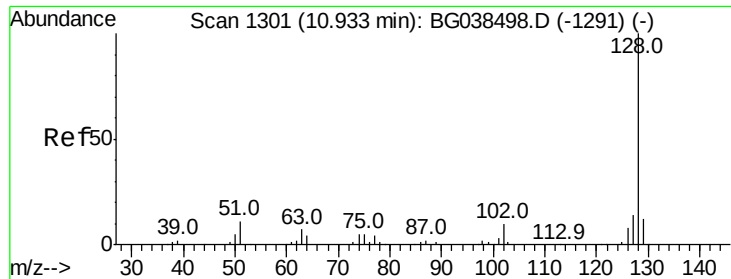
Sohil
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.477 ng
 RT: 10.73 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BG038602.D
 Acq: 15 Dec 2018 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	69386		
182	98.4		77.4	116.0
145	27.6		24.1	36.1





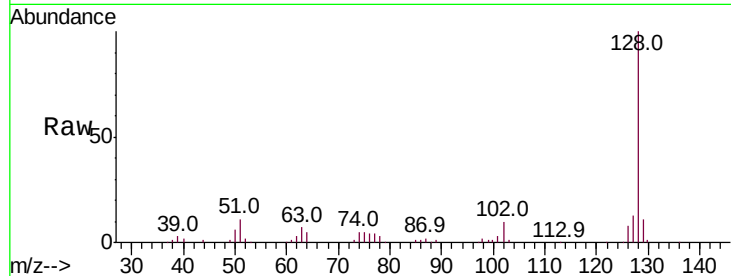
#31
Naphthalene
Concen: 44.397 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BG038602.D
Acq: 15 Dec 2018 13:32

Instrument :
BNA_G
ClientSampleId :
PB115709BS

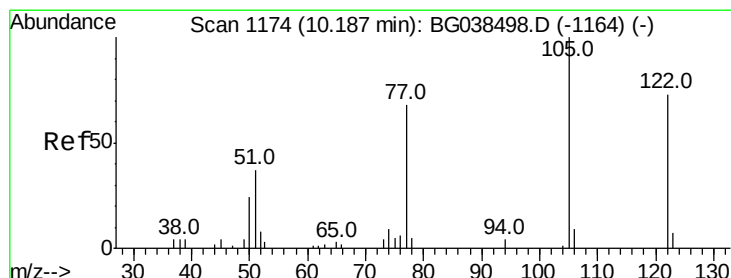
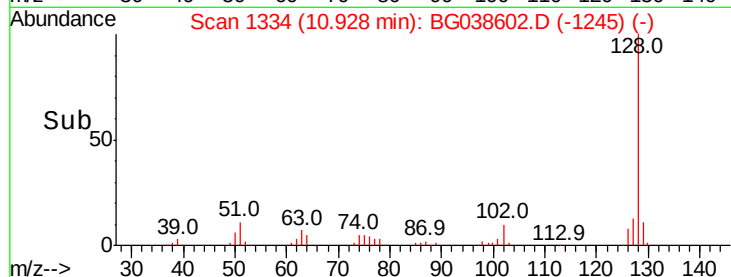
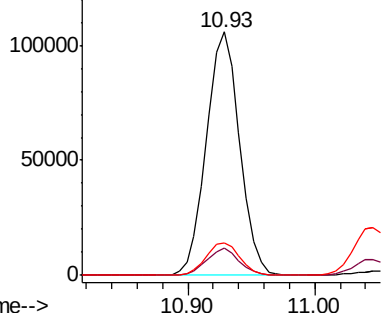
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.5	14.3
127	13.1	10.9	16.3

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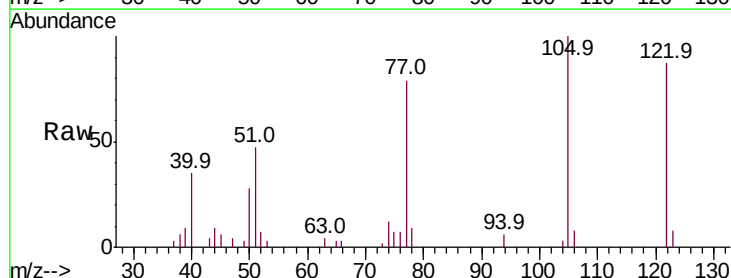


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

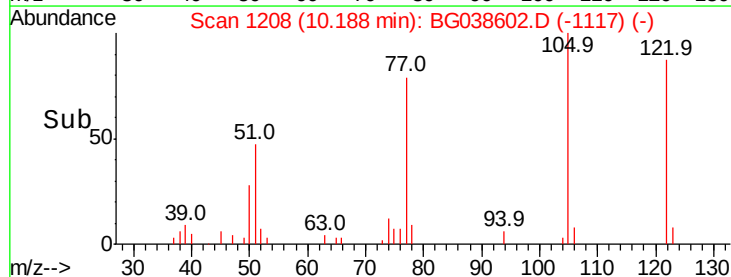
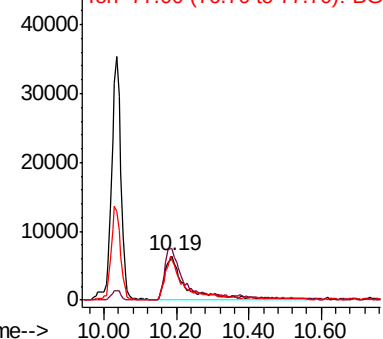


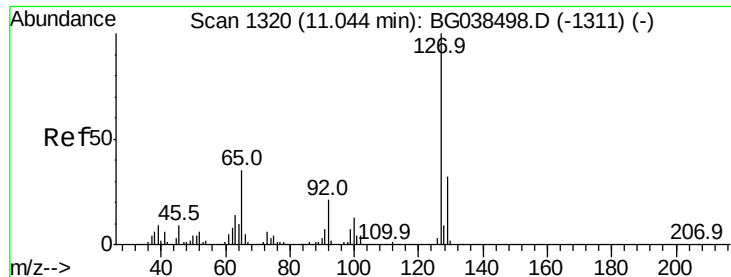
#32
Benzoic acid
Concen: 36.538 ng m
RT: 10.19 min Scan# 1208
Delta R.T. 0.00 min
Lab File: BG038602.D
Acq: 15 Dec 2018 13:32

Tgt Ion	Ratio	Lower	Upper
122	100		
105	115.2	116.7	156.7#
77	91.3	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





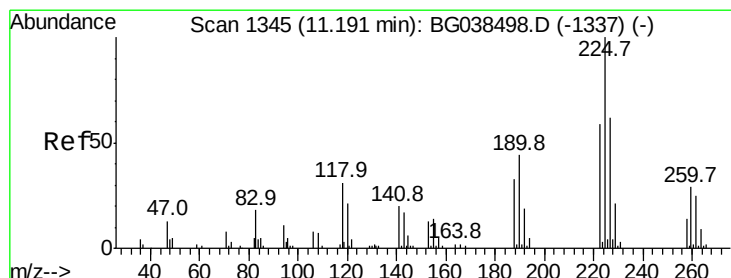
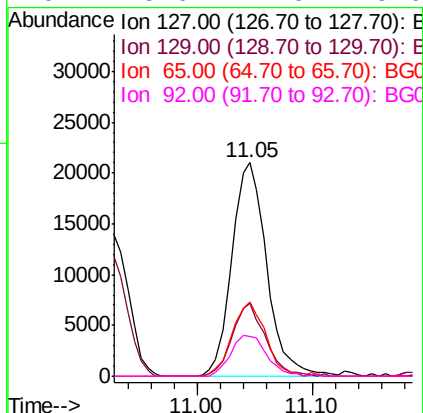
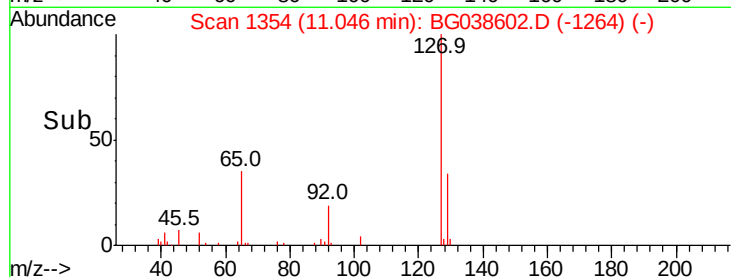
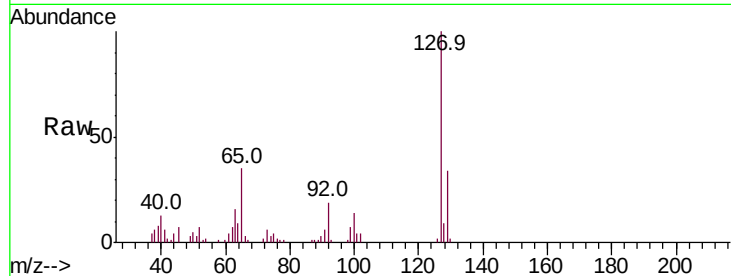
#33
4-Chloroaniline
Concen: 23.434 ng
RT: 11.05 min Scan# 1354
Delta R.T. 0.00 min
Lab File: BG038602.D
Acq: 15 Dec 2018 13:32

Instrument :
BNA_G
ClientSampleId :
PB115709BS

Tot Ion:	127	Resp:	44024
Ion	Ratio	Lower	Upper
127	100		
129	33.9	25.8	38.8
65	34.9	27.8	41.6
92	18.6	17.0	25.6

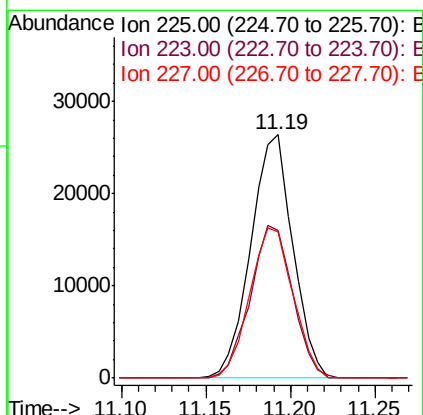
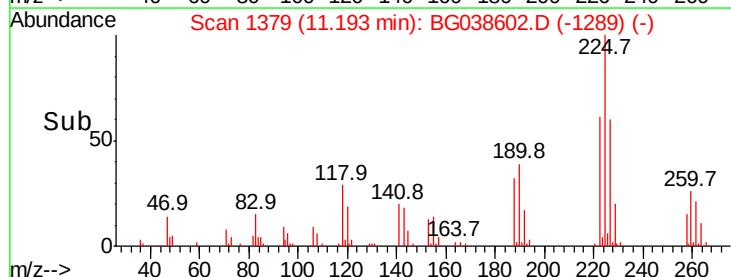
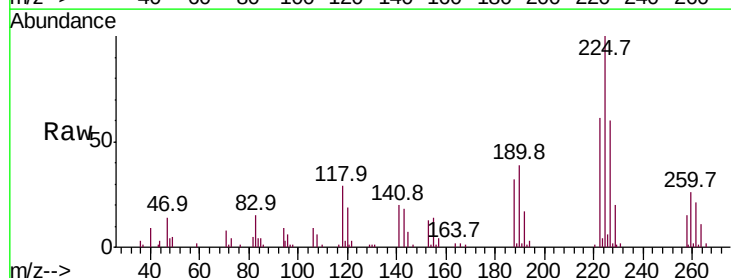
Manual Integrations
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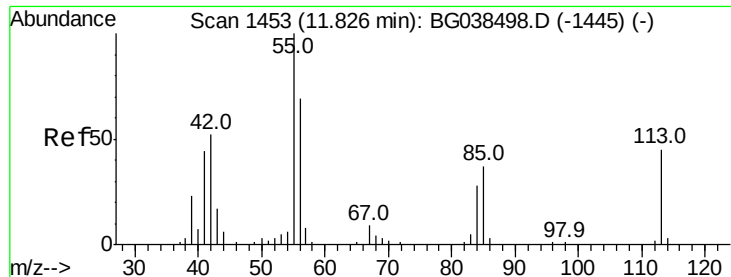
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#34
Hexachlorobutadiene
Concen: 39.165 ng
RT: 11.19 min Scan# 1379
Delta R.T. 0.00 min
Lab File: BG038602.D
Acq: 15 Dec 2018 13:32

Tgt Ion:	225	Resp:	45428
Ion	Ratio	Lower	Upper
225	100		
223	61.6	45.0	67.6
227	59.3	50.6	75.8





#35

Caprolactam

Concen: 36.634 ng/mL

RT: 11.83 min Scan# 1487

Delta R.T. 0.00 min

Lab File: BG038602.D

Acq: 15 Dec 2018 13:32

Instrument :

BNA_G

ClientSampleID :

PB115709BS

Tot Ion:113 Resp: 21515

Ion Ratio Lower Upper

113 100

55 200.3 204.3 244.3#

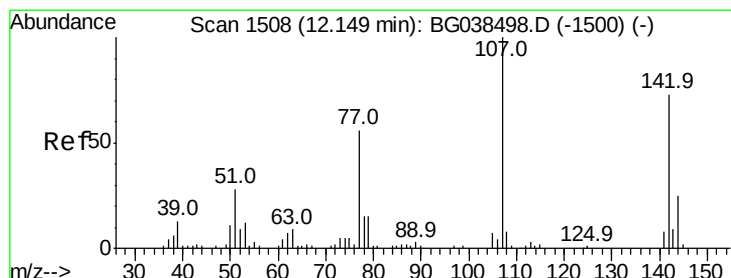
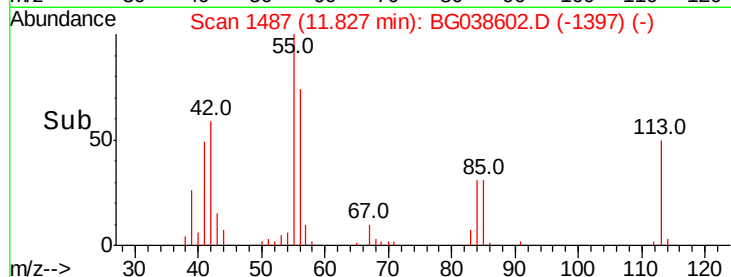
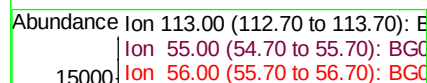
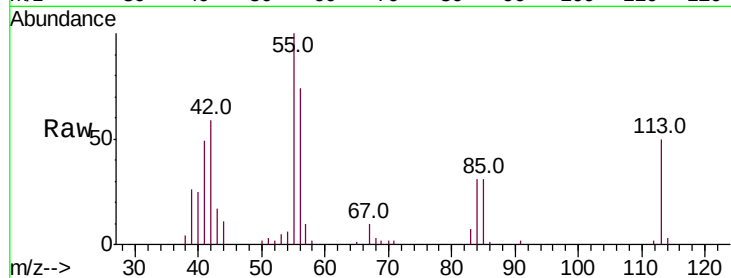
56 148.8 135.0 175.0

Manual Integrations

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#36

4-Chloro-3-methylphenol

Concen: 41.834 ng/mL

RT: 12.15 min Scan# 1542

Delta R.T. 0.00 min

Lab File: BG038602.D

Acq: 15 Dec 2018 13:32

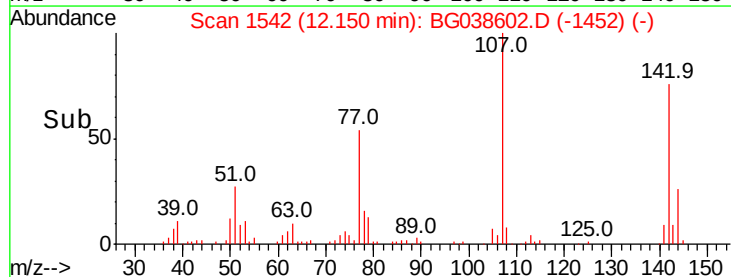
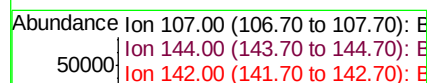
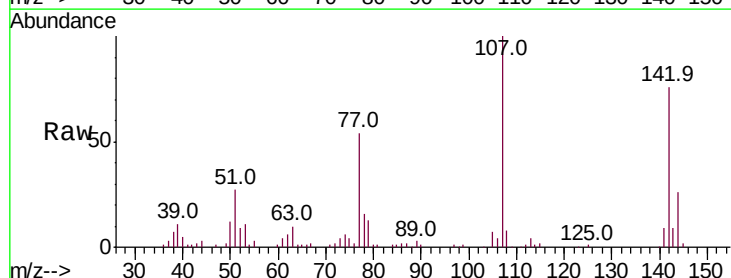
Tgt Ion:107 Resp: 67749

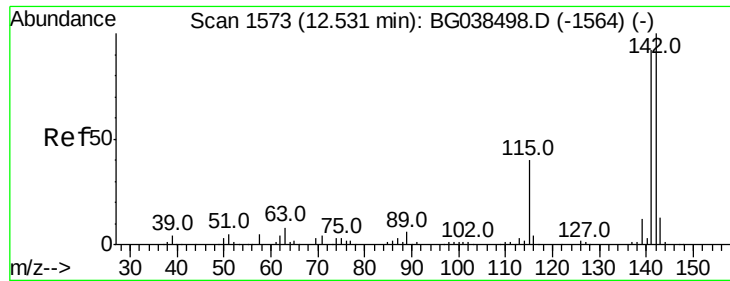
Ion Ratio Lower Upper

107 100

144 26.1 20.1 30.1

142 76.1 58.7 88.1





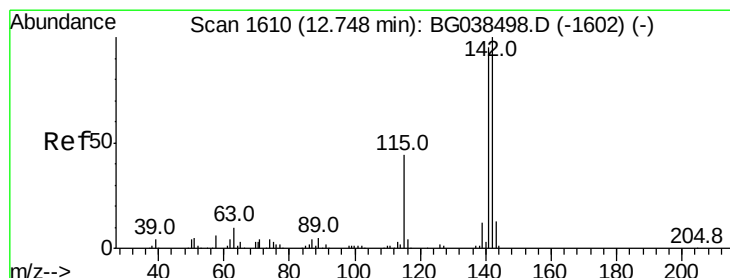
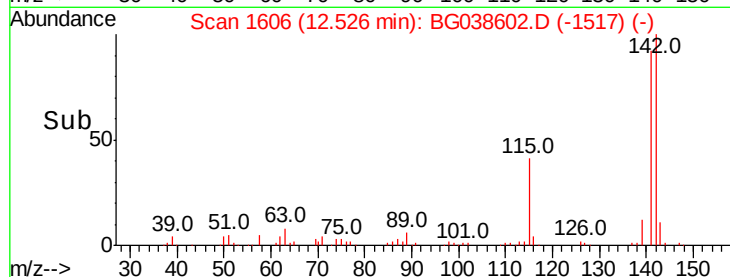
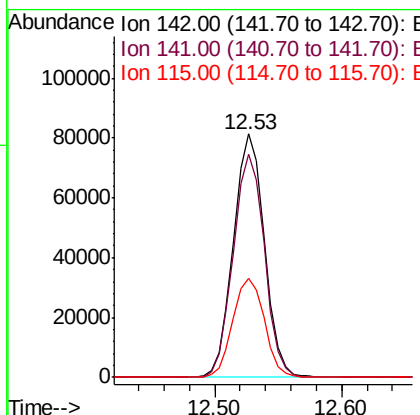
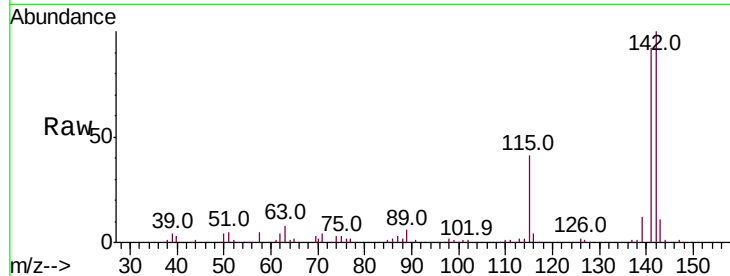
#37
2-Methylnaphthalene
Concen: 44.513 ng
RT: 12.53 min Scan# 1606
Delta R.T. -0.00 min
Lab File: BG038602.D
Acq: 15 Dec 2018 13:32

Instrument :
BNA_G
ClientSampled :
PB115709BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.5	110.3
115	40.9	31.7	47.5

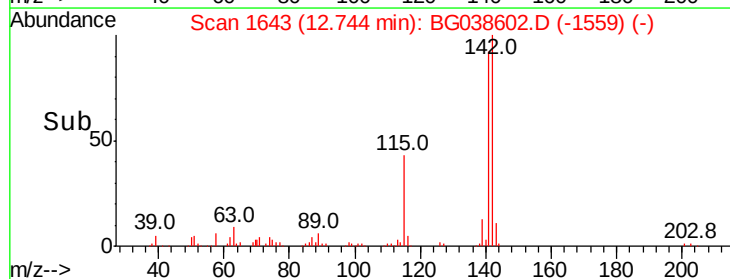
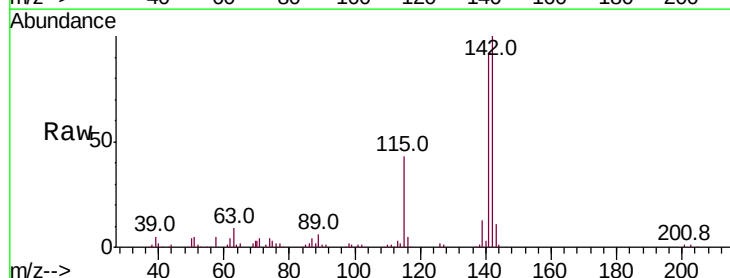
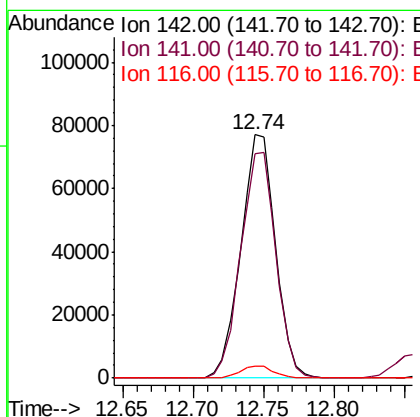
Manual Integrations
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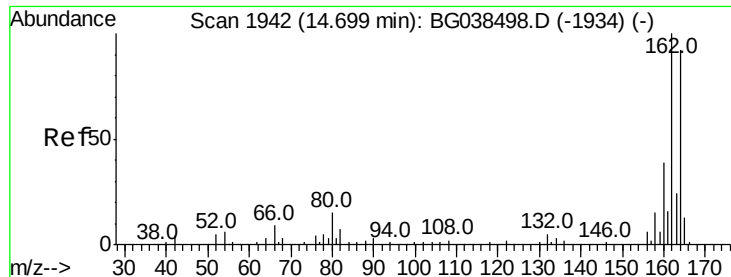
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#38
1-Methylnaphthalene
Concen: 44.014 ng
RT: 12.74 min Scan# 1643
Delta R.T. -0.00 min
Lab File: BG038602.D
Acq: 15 Dec 2018 13:32

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.2	75.8	113.8
116	5.0	3.6	5.4





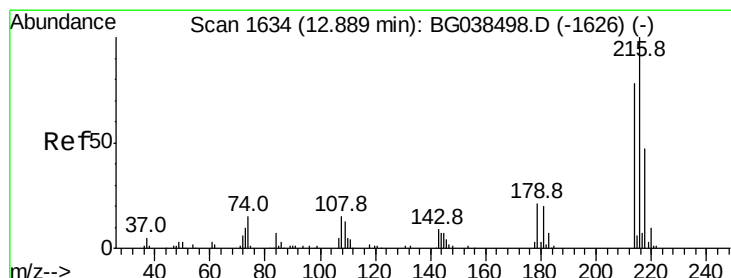
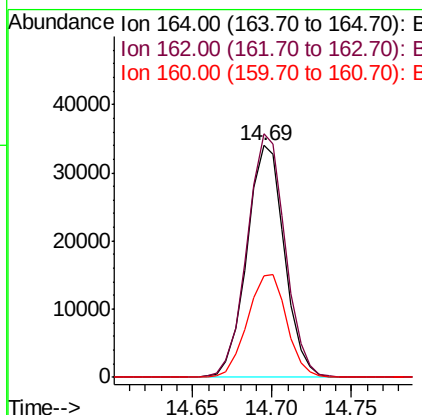
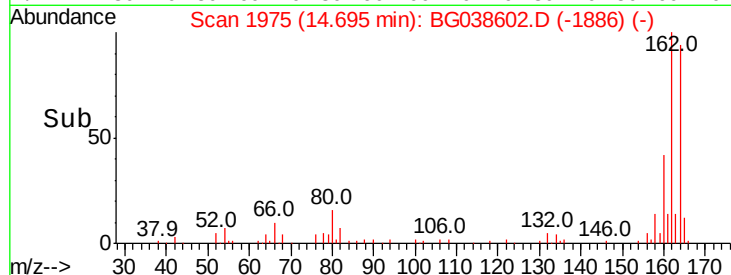
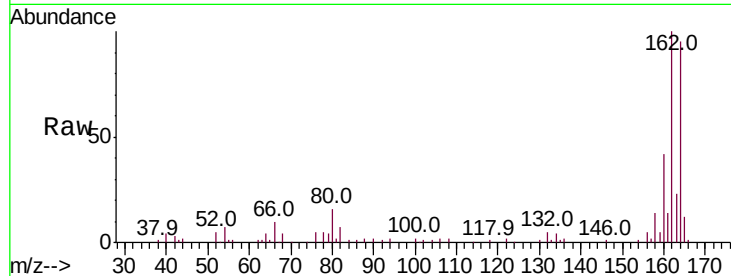
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BG038602.D
Acq: 15 Dec 2018 13:32

Instrument :
BNA_G
ClientSampleId :
PB115709BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.1	86.6	130.0
160	43.9	34.2	51.2

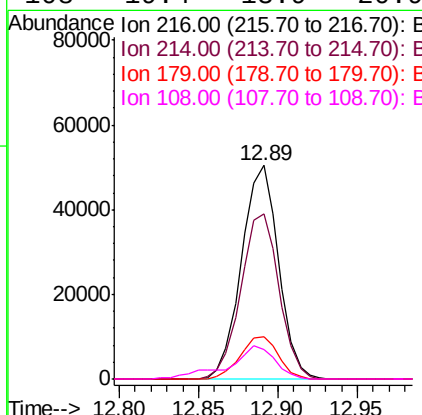
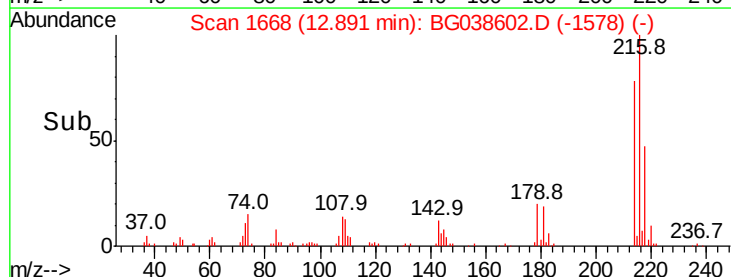
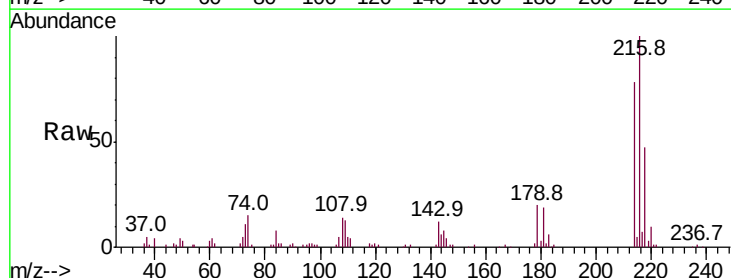
Manual Integrations
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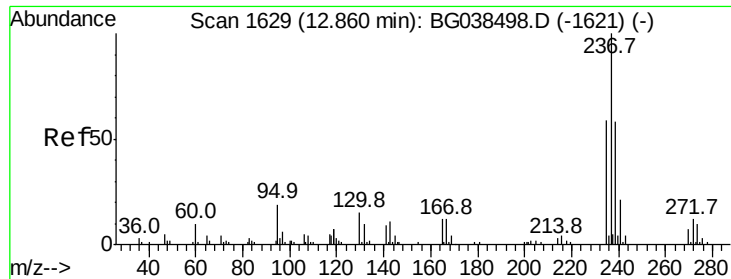
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.082 ng
RT: 12.89 min Scan# 1668
Delta R.T. 0.00 min
Lab File: BG038602.D
Acq: 15 Dec 2018 13:32

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.0	64.1	96.1
179	20.2	16.4	24.6
108	19.4	13.9	20.9





#41

Hexachlorocyclopentadiene

Concen: 99.808 ng

RT: 12.86 min Scan# 1662

Delta R.T. -0.00 min

Lab File: BG038602.D

Acq: 15 Dec 2018 13:32

Instrument :

BNA_G

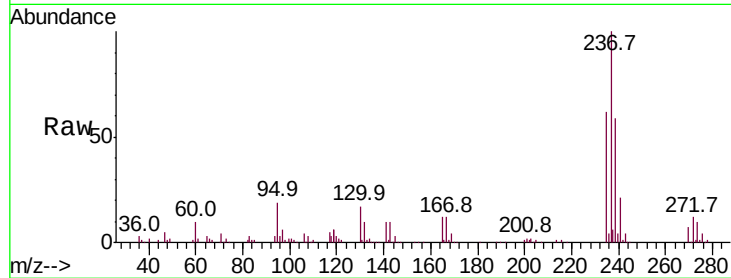
ClientSampleId :

PB115709BS

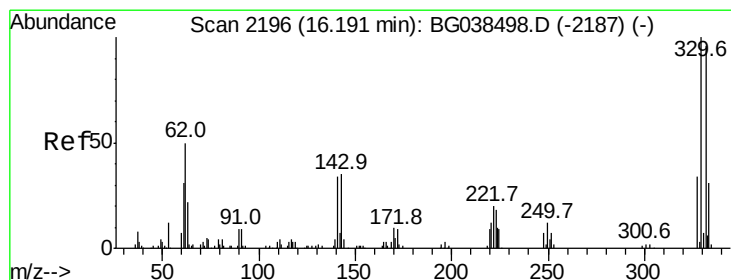
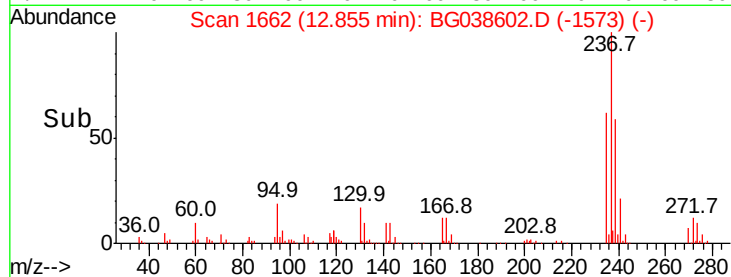
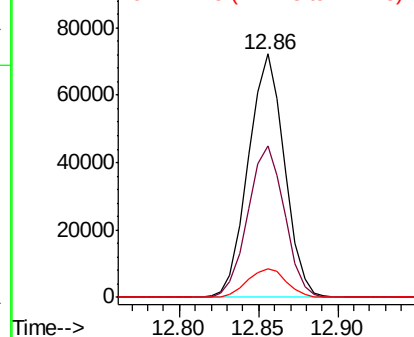
Tot Ion:	237	Resp:	114560
Ion Ratio	Lower	Upper	
237	100		
235	62.1	38.8	78.8
272	11.9	0.0	32.0

Manual Integrations
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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 117.013 ng

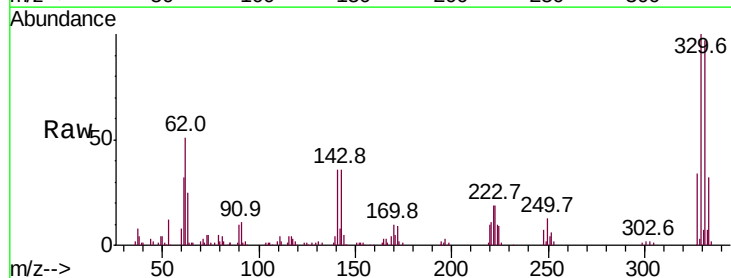
RT: 16.19 min Scan# 2229

Delta R.T. -0.00 min

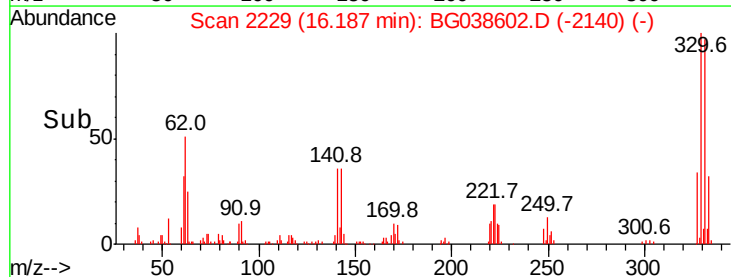
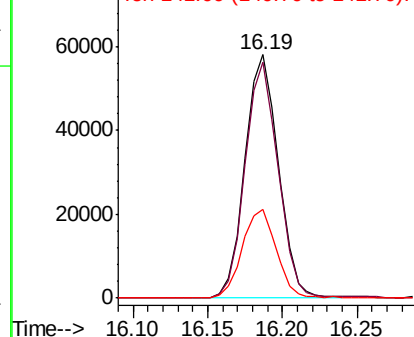
Lab File: BG038602.D

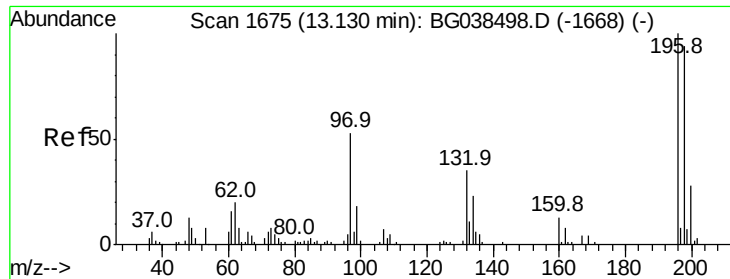
Acq: 15 Dec 2018 13:32

Tgt Ion:	330	Resp:	90134
Ion Ratio	Lower	Upper	
330	100		
332	95.6	76.9	115.3
141	37.1	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





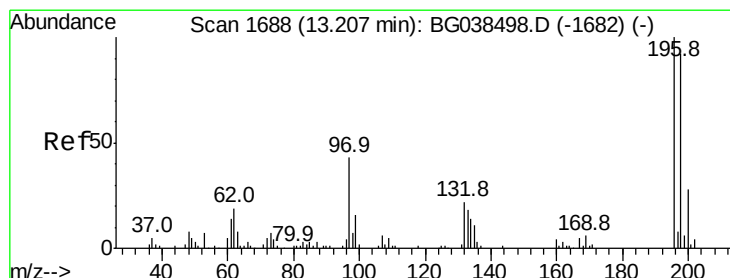
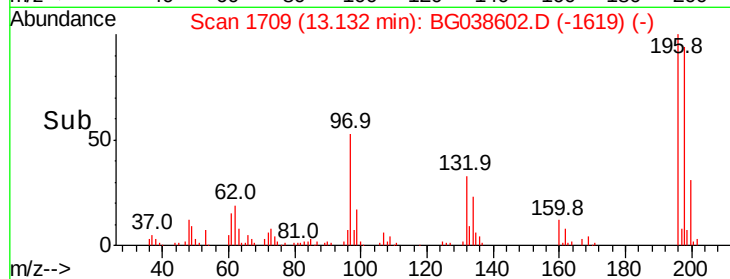
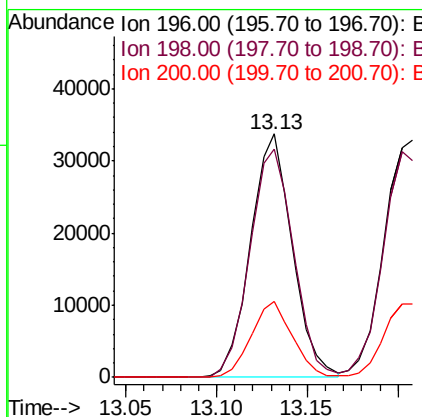
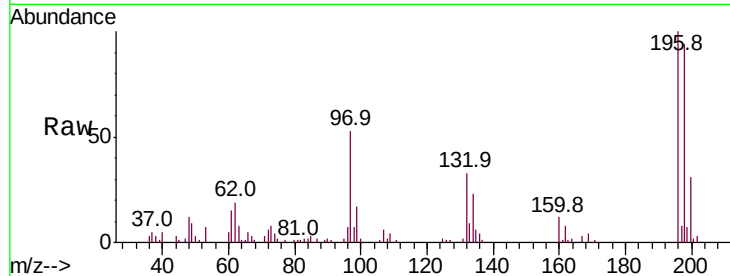
#43
 2,4,6-Trichlorophenol
 Concen: 42.083 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. 0.00 min
 Lab File: BG038602.D
 Acq: 15 Dec 2018 13:32

Instrument :
 BNA_G
 ClientSampleId :
 PB115709BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	54059		
198	93.6	75.0	112.4	
200	33.1	22.4	33.6	

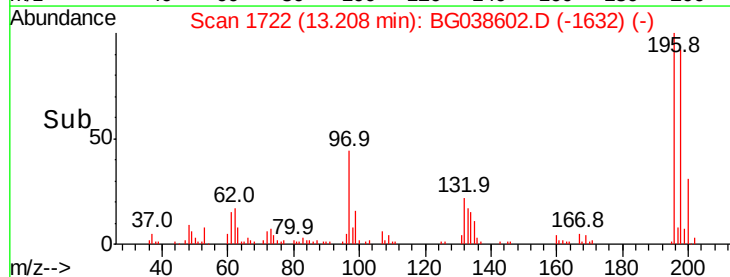
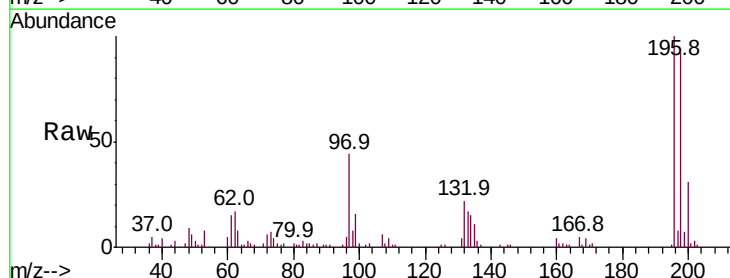
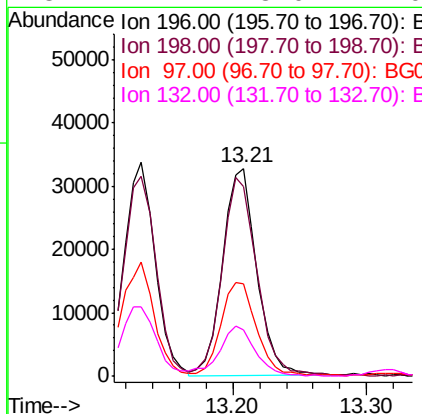
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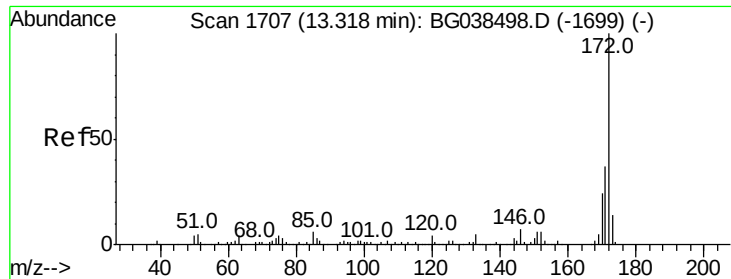
Sohil
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#44
 2,4,5-Trichlorophenol
 Concen: 42.941 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. 0.00 min
 Lab File: BG038602.D
 Acq: 15 Dec 2018 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	58403		
198	91.6	74.0	111.0	
97	44.2	35.1	52.7	
132	22.4	18.0	27.0	





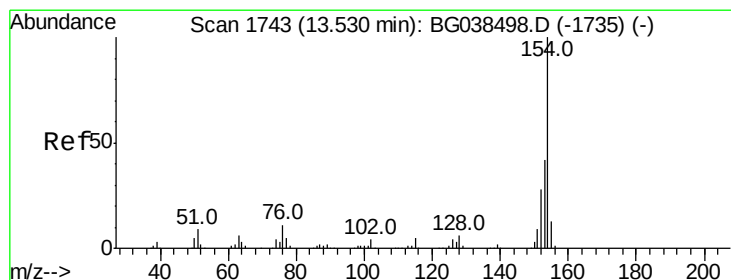
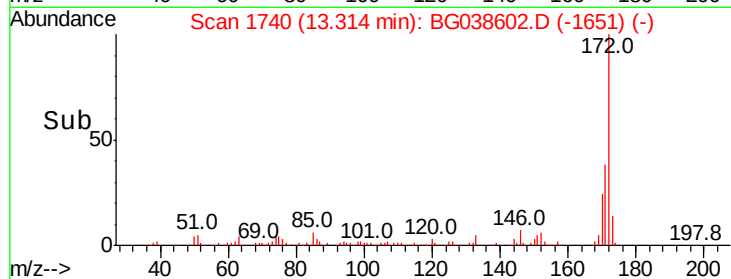
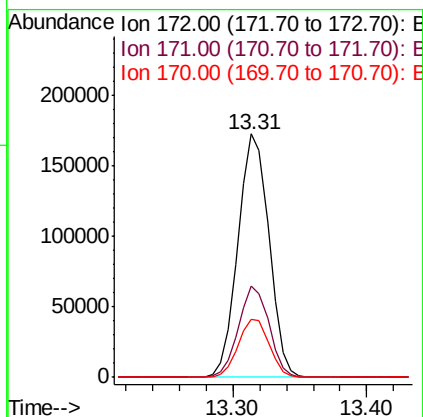
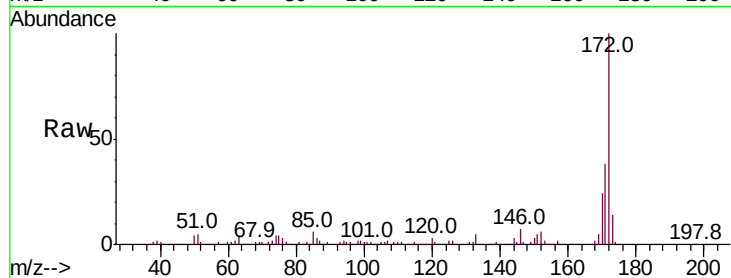
#45
2-Fluorobiphenyl
Concen: 67.992 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.00 min
Lab File: BG038602.D
Acq: 15 Dec 2018 13:32

Instrument :
BNA_G
ClientSampleId :
PB115709BS

Tot Ion	Ratio	Resp	Lower	Upper
172	100	277012		
171	37.5	29.8	44.6	
170	23.8	19.5	29.3	

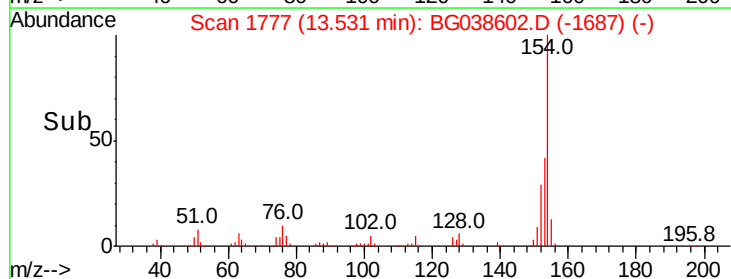
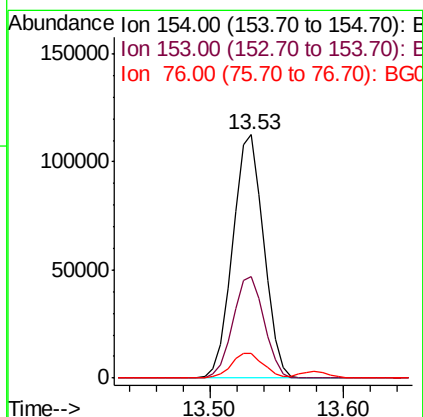
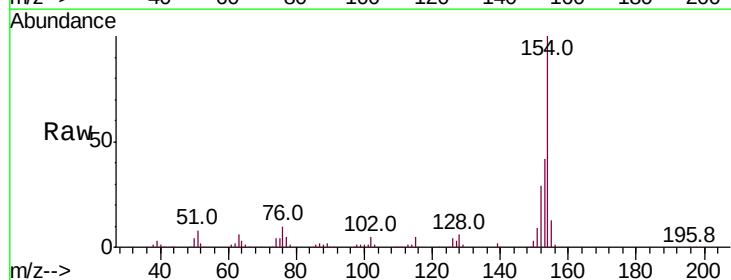
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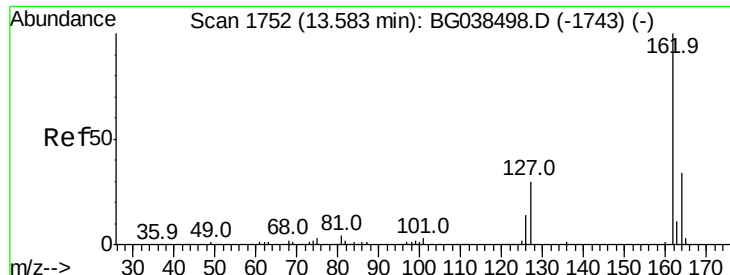
Sohil
12/16/2018 2:01:07 PM



#46
1,1'-Biphenyl
Concen: 38.766 ng
RT: 13.53 min Scan# 1777
Delta R.T. 0.00 min
Lab File: BG038602.D
Acq: 15 Dec 2018 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	181642		
153	41.9	22.1	62.1	
76	10.1	0.0	31.2	





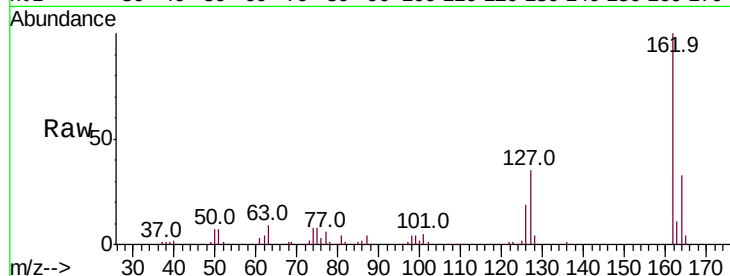
#47
2-Chloronaphthalene
Concen: 39.717 ng
RT: 13.58 min Scan# 1785
Delta R.T. -0.00 min
Lab File: BG038602.D
Acq: 15 Dec 2018 13:32

Instrument :
BNA_G
ClientSampleId :
PB115709BS

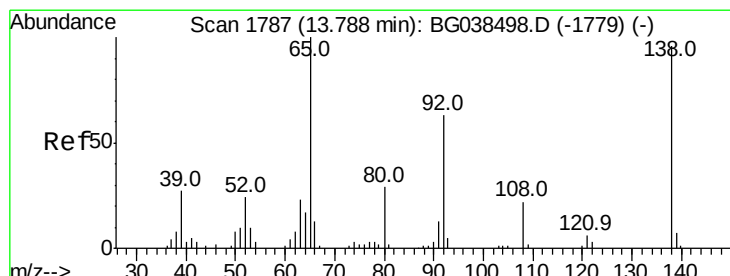
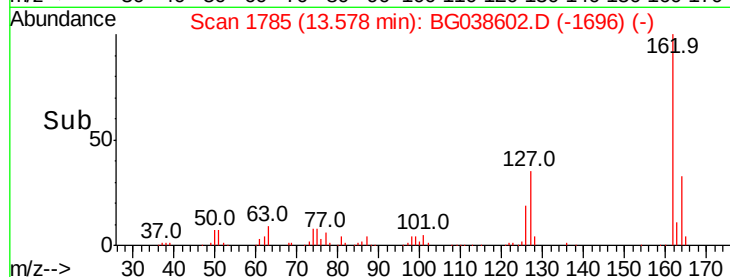
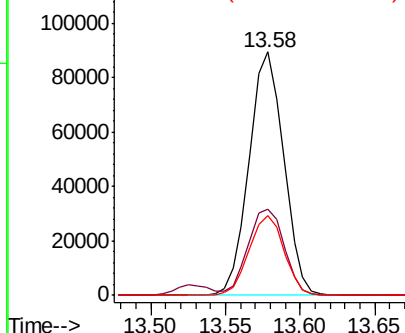
Tot Ion	Ratio	Lower	Upper
162	100		
127	35.2	27.8	41.8
164	32.6	26.9	40.3

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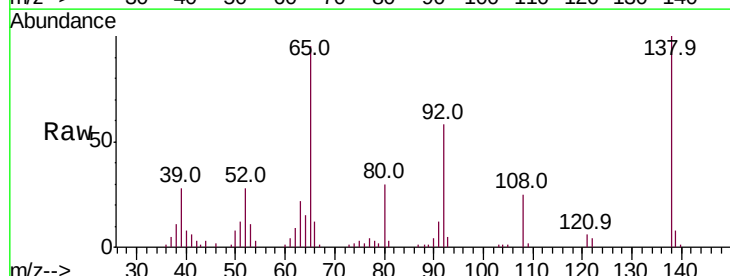


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

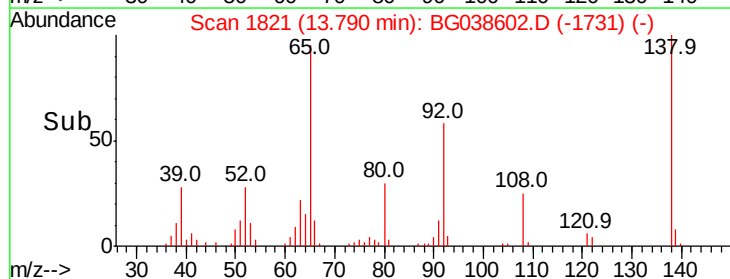
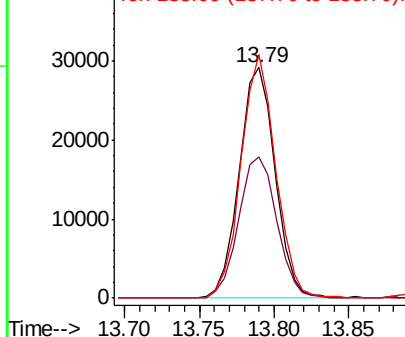


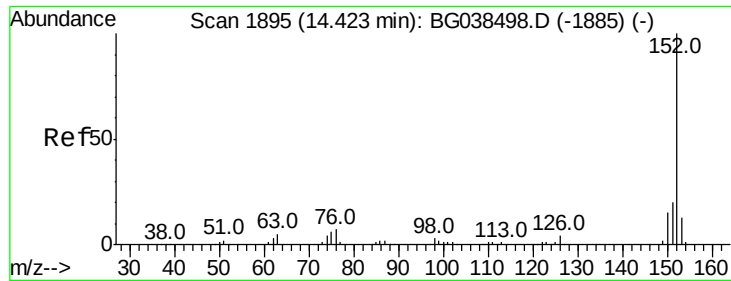
#48
2-Nitroaniline
Concen: 42.048 ng
RT: 13.79 min Scan# 1821
Delta R.T. 0.00 min
Lab File: BG038602.D
Acq: 15 Dec 2018 13:32

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.1	50.0	75.0
138	105.7	76.9	115.3



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





#49

Acenaphthylene

Concen: 43.704 ng

RT: 14.42 min Scan# 1929

Delta R.T. 0.00 min

Lab File: BG038602.D

Acq: 15 Dec 2018 13:32

Instrument :

BNA_G

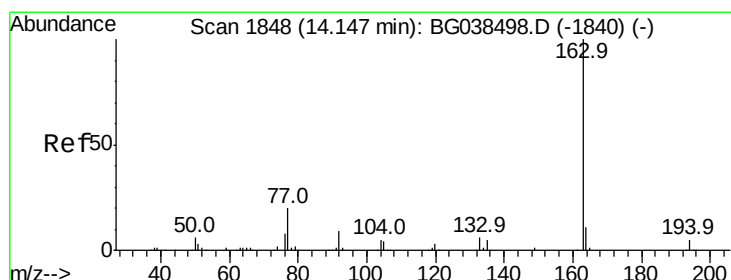
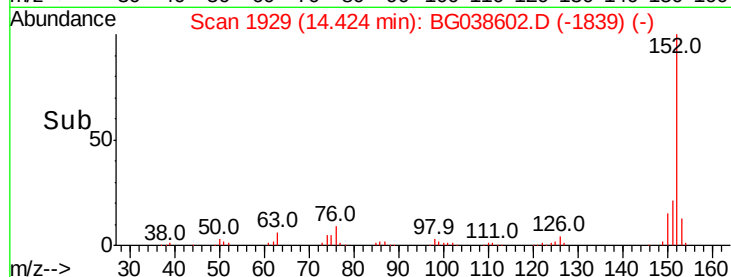
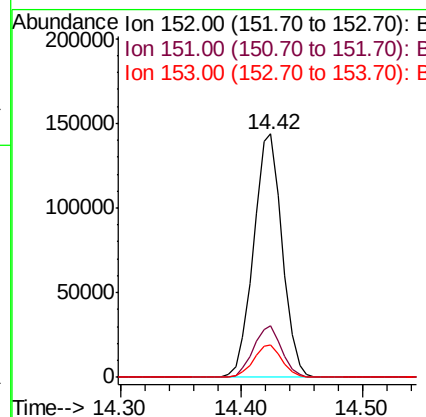
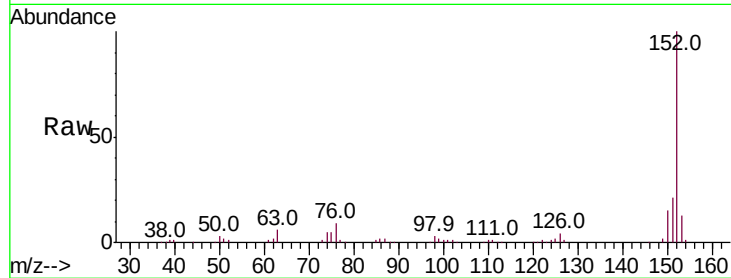
ClientSampleId :

PB115709BS

Tot Ion	Ratio	Resp	Lower	Upper
152	100	236473		
151	21.1		16.4	24.6
153	13.3		10.4	15.6

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#50

Dimethylphthalate

Concen: 42.618 ng

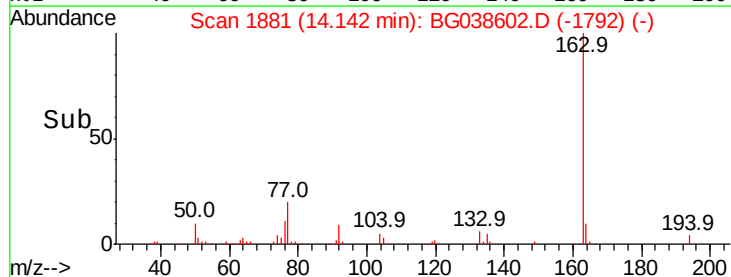
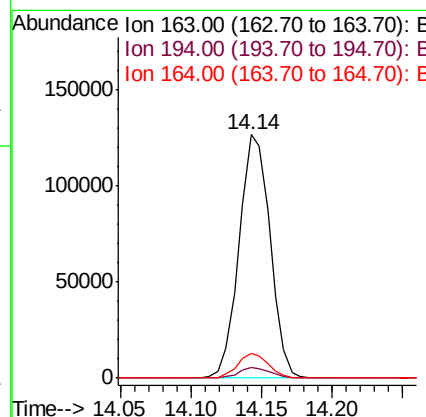
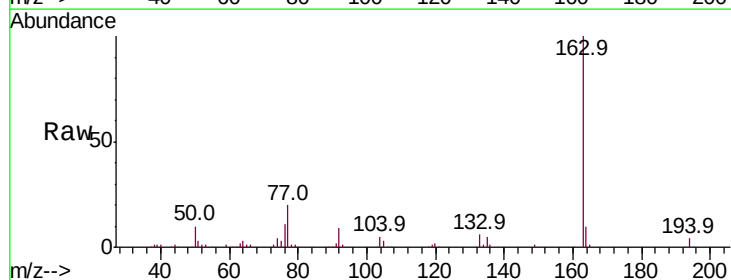
RT: 14.14 min Scan# 1881

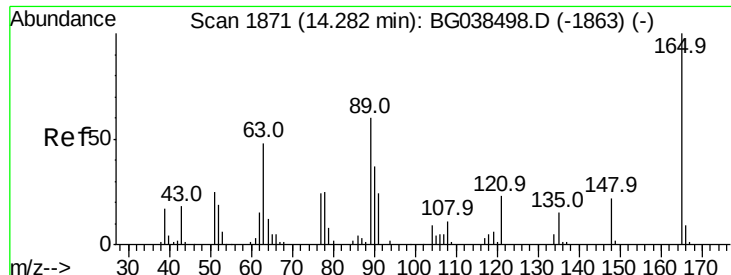
Delta R.T. -0.00 min

Lab File: BG038602.D

Acq: 15 Dec 2018 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	194521		
194	4.2		3.7	5.5
164	10.2		8.6	12.8





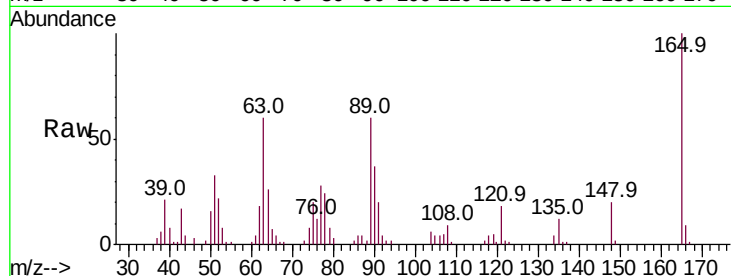
#51
 2,6-Dinitrotoluene
 Concen: 42.061 ng
 RT: 14.28 min Scan# 1904
 Delta R.T. -0.00 min
 Lab File: BG038602.D
 Acq: 15 Dec 2018 13:32

Instrument :
 BNA_G
 ClientSampled :
 PB115709BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	43506		
63	60.3		51.8	77.6
89	60.3		47.9	71.9

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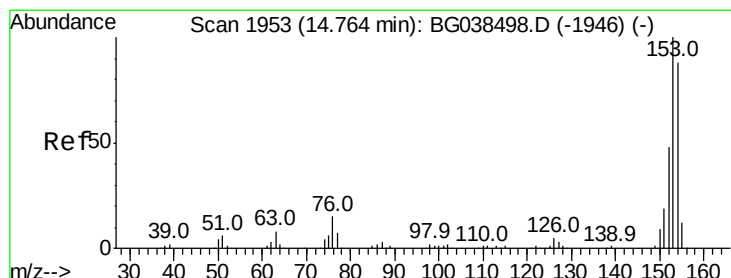
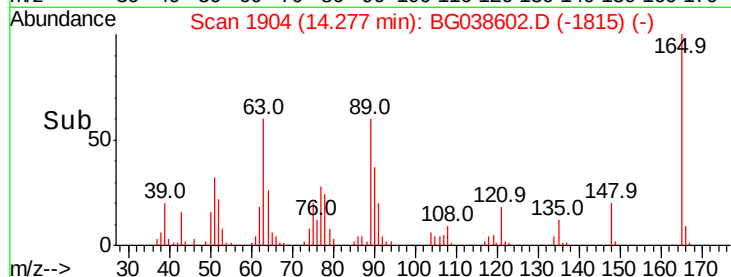
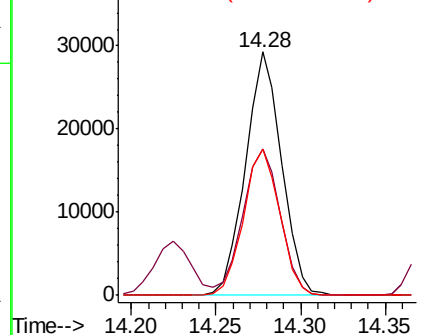


Abundance

Ion 165.00 (164.70 to 165.70): E

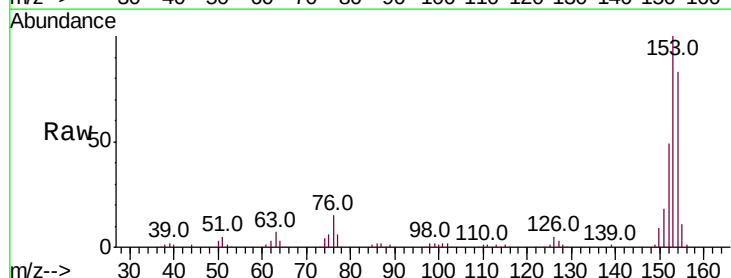
Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52
 Acenaphthene
 Concen: 41.151 ng
 RT: 14.76 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: BG038602.D
 Acq: 15 Dec 2018 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	133142		
153	121.1		90.6	136.0
152	59.3		43.5	65.3

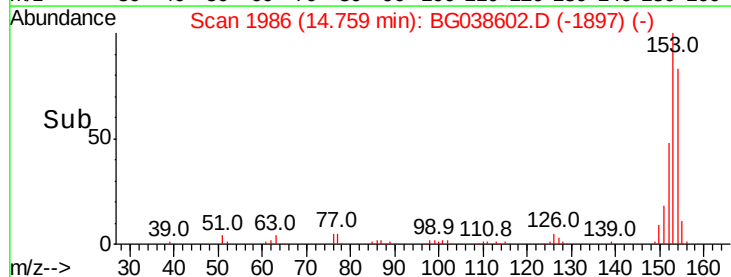
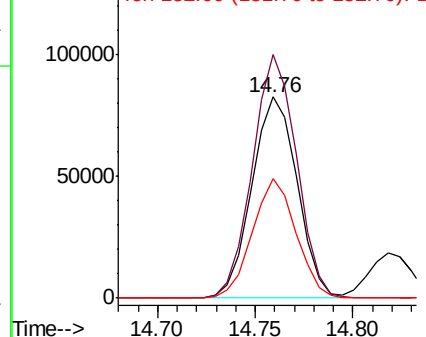


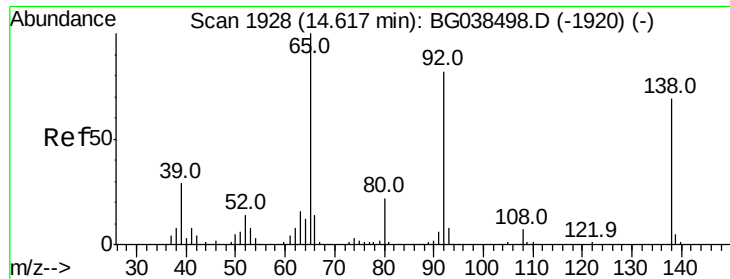
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





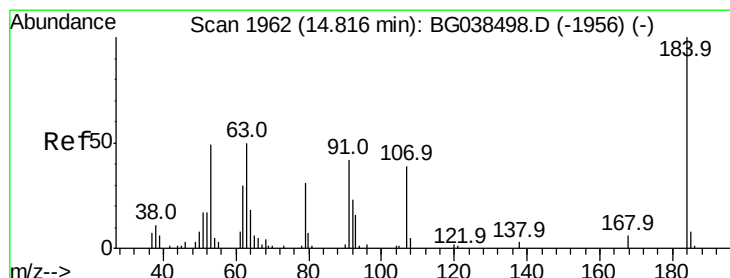
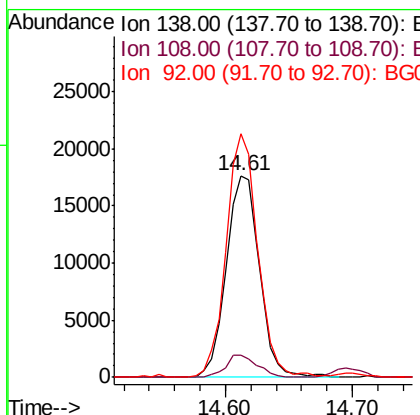
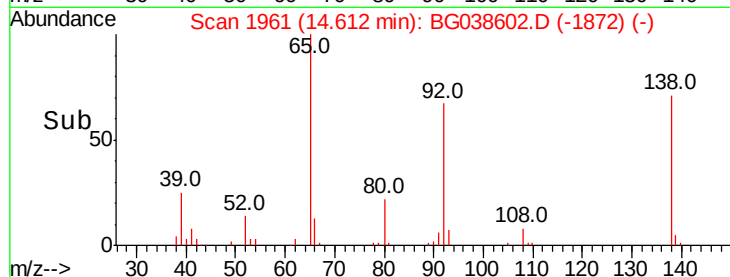
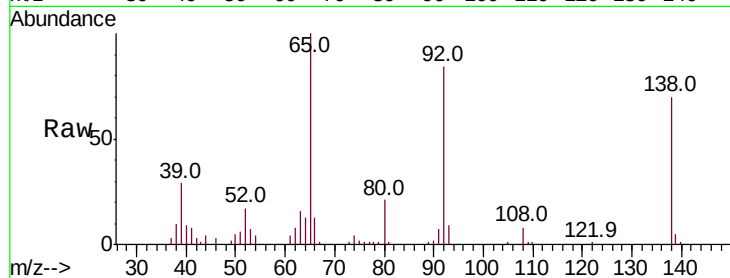
#53
3-Nitroaniline
Concen: 30.214 ng
RT: 14.61 min Scan# 1961
Delta R.T. -0.00 min
Lab File: BG038602.D
Acq: 15 Dec 2018 13:32

Instrument :
BNA_G
ClientSampleId :
PB115709BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.0	7.9	11.9
92	120.9	95.3	142.9

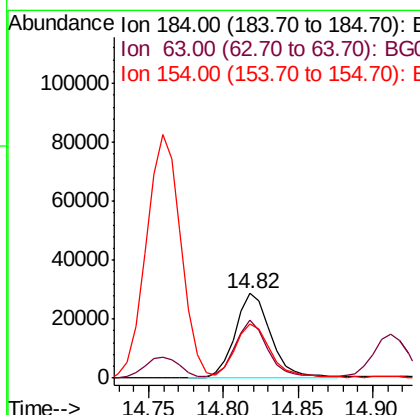
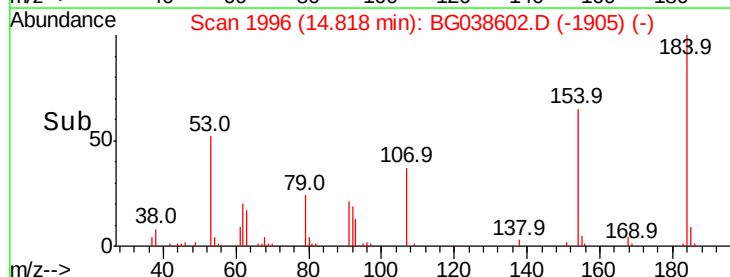
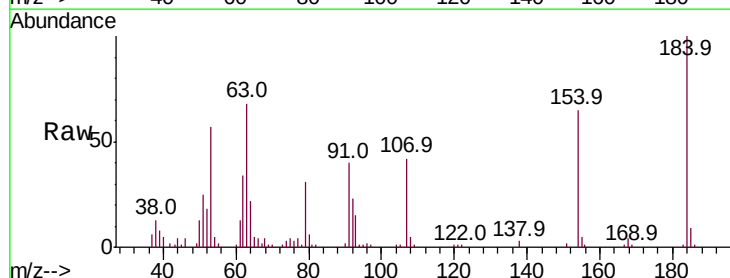
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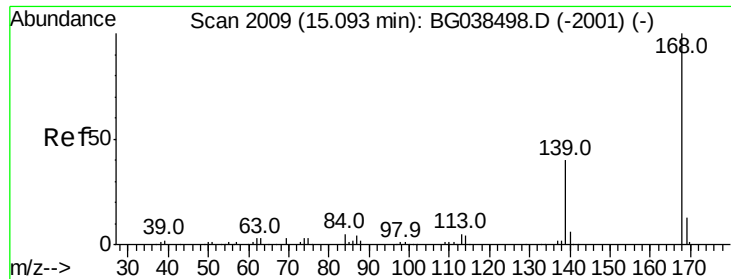
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#54
2,4-Dinitrophenol
Concen: 77.641 ng
RT: 14.82 min Scan# 1996
Delta R.T. 0.00 min
Lab File: BG038602.D
Acq: 15 Dec 2018 13:32

Tgt Ion	Ratio	Lower	Upper
184	100		
63	68.4	47.0	70.6
154	64.7	50.3	75.5





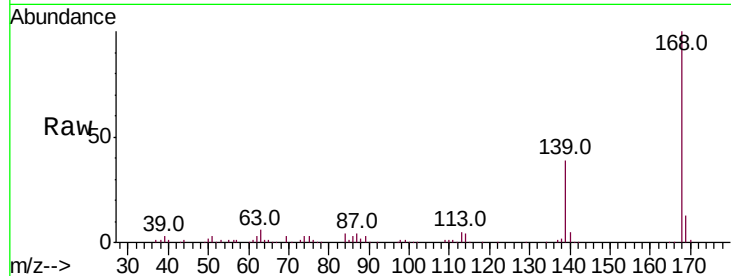
#55
Dibenzofuran
Concen: 41.067 ng
RT: 15.09 min Scan# 2043
Delta R.T. 0.00 min
Lab File: BG038602.D
Acq: 15 Dec 2018 13:32

Instrument :
BNA_G
ClientSampleId :
PB115709BS

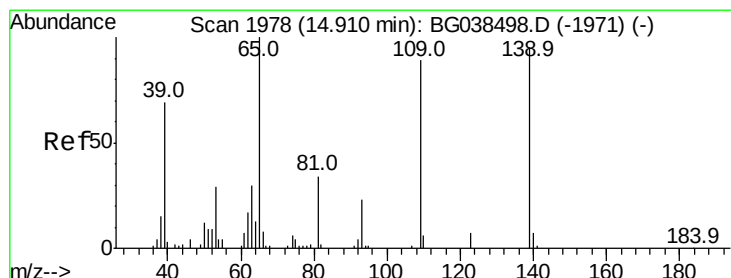
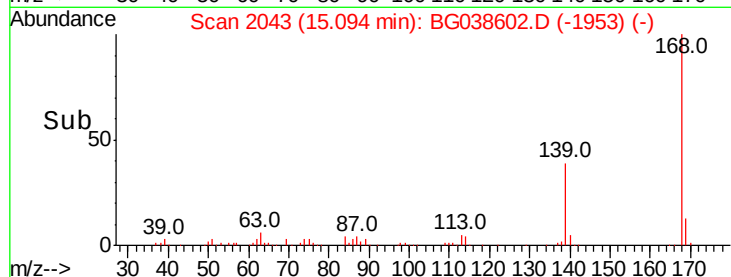
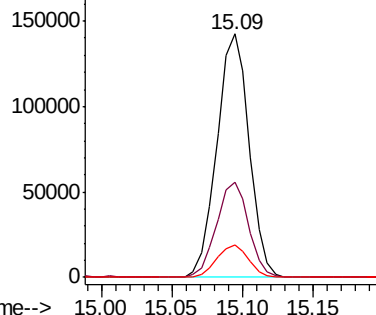
Tot Ion	Ratio	Resp	Lower	Upper
168	100	227758		
139	39.1		32.2	48.2
169	13.4		10.6	16.0

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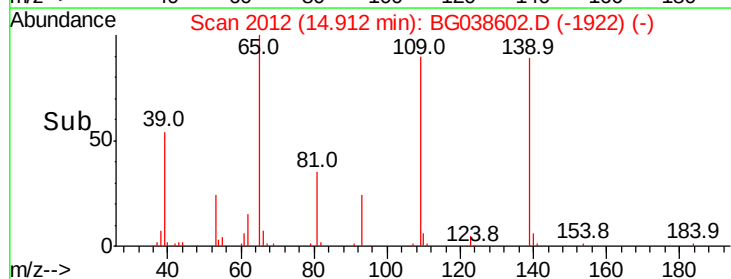
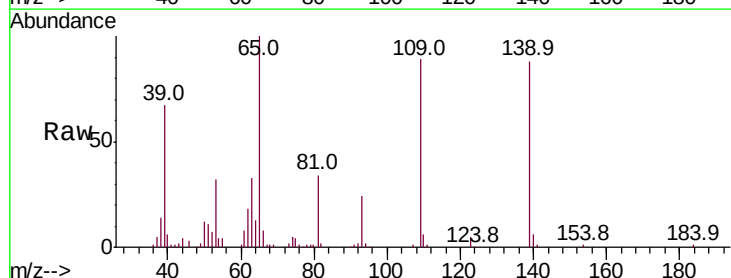
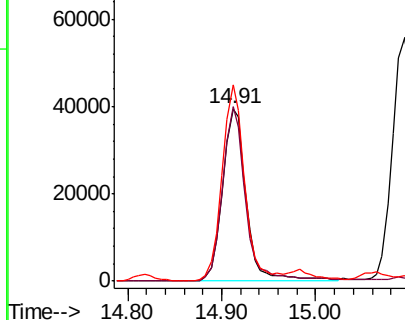
Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

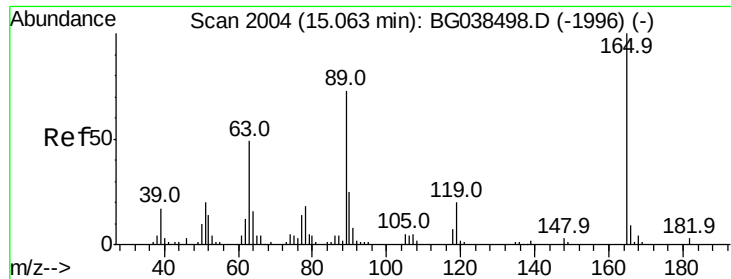


#56
4-Nitrophenol
Concen: 86.833 ng
RT: 14.91 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BG038602.D
Acq: 15 Dec 2018 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	69457		
109	101.4		73.6	113.6
65	114.2		84.8	124.8

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





#57

2,4-Dinitrotoluene

Concen: 41.909 ng

RT: 15.06 min Scan# 2038

Delta R.T. 0.00 min

Lab File: BG038602.D

Acq: 15 Dec 2018 13:32

Instrument :

BNA_G

ClientSampleId :

PB115709BS

Tot Ion:165 Resp: 61055

Ion Ratio Lower Upper

165 100

63 48.8 39.0 58.4

89 70.6 58.0 87.0

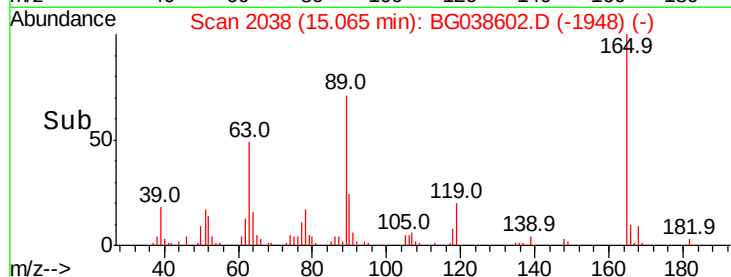
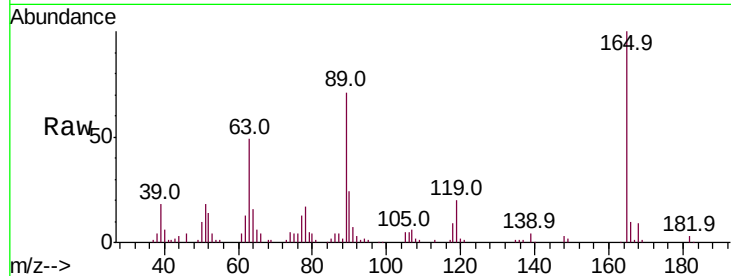
182 2.8 2.3 3.5

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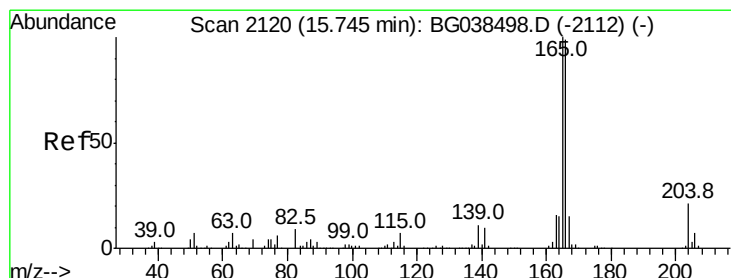
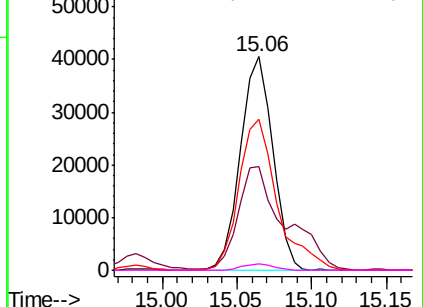


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 43.943 ng

RT: 15.74 min Scan# 2153

Delta R.T. -0.00 min

Lab File: BG038602.D

Acq: 15 Dec 2018 13:32

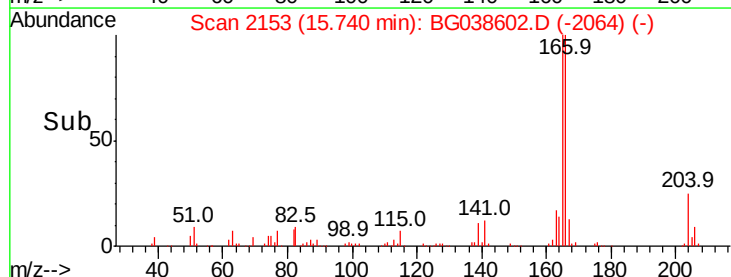
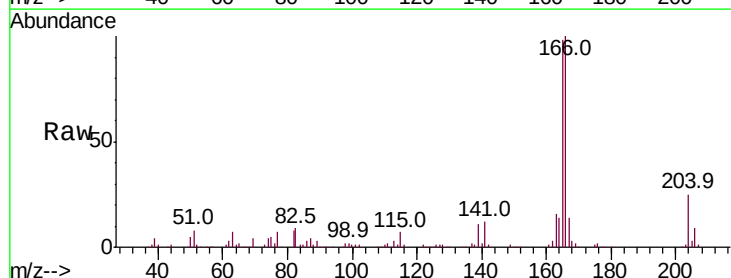
Tgt Ion:166 Resp: 180560

Ion Ratio Lower Upper

166 100

165 98.4 80.6 120.8

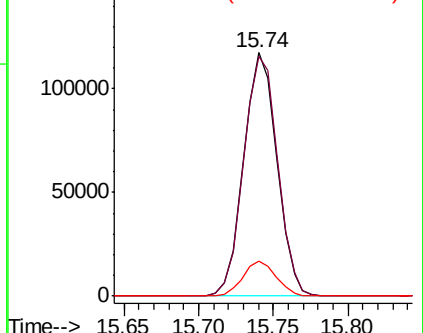
167 14.1 12.0 18.0

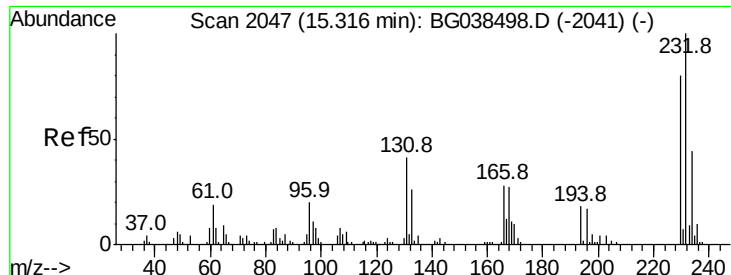


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





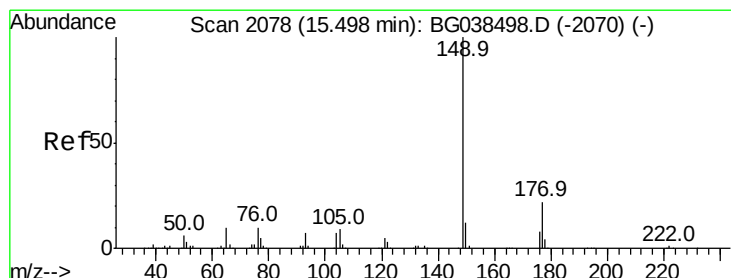
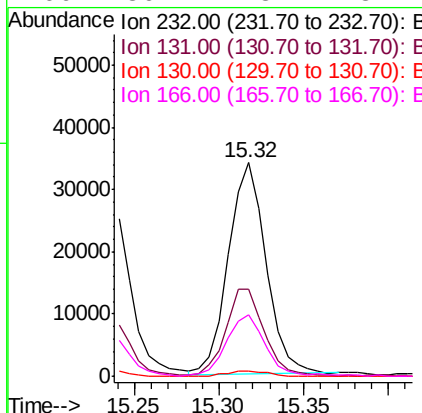
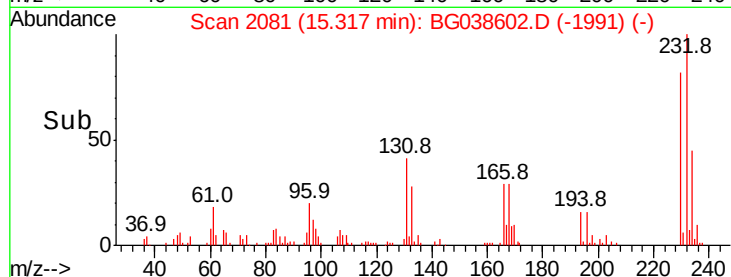
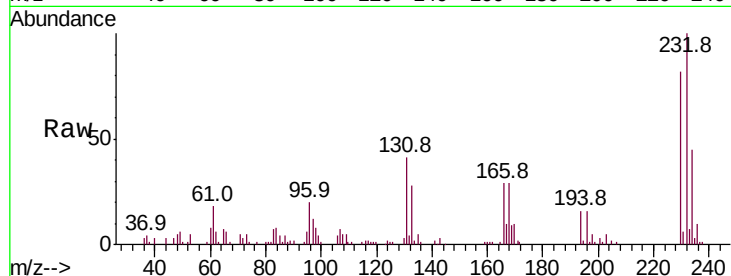
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.792 ng
RT: 15.32 min Scan# 2081
Delta R.T. 0.00 min
Lab File: BG038602.D
Acq: 15 Dec 2018 13:32

Instrument :
BNA_G
ClientSampleId :
PB115709BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.0	33.0	49.4
130	2.6	2.0	3.0
166	30.7	23.1	34.7

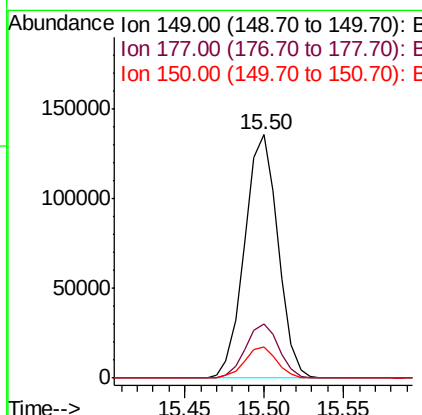
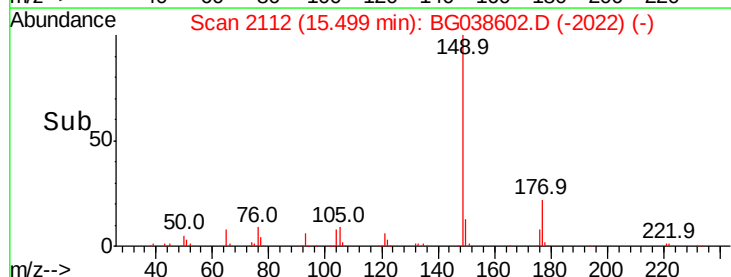
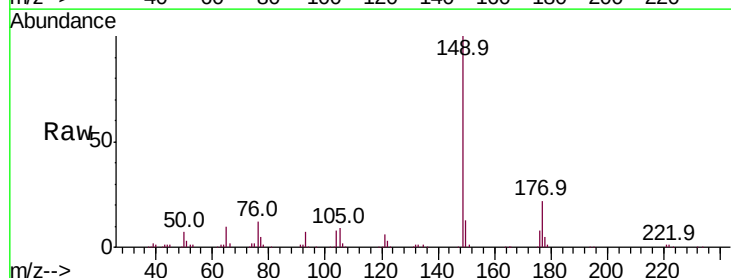
Manual Integrations
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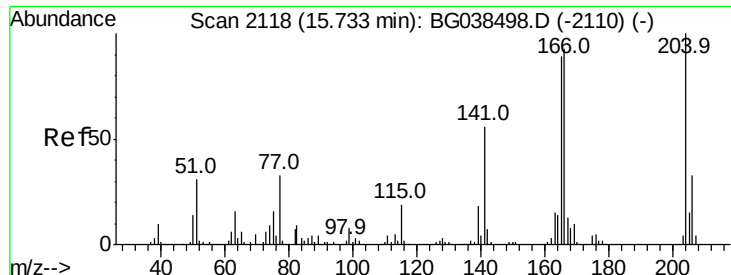
Sohil
12/16/2018 2:01:07 PM



#60
Diethylphthalate
Concen: 39.572 ng
RT: 15.50 min Scan# 2112
Delta R.T. 0.00 min
Lab File: BG038602.D
Acq: 15 Dec 2018 13:32

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





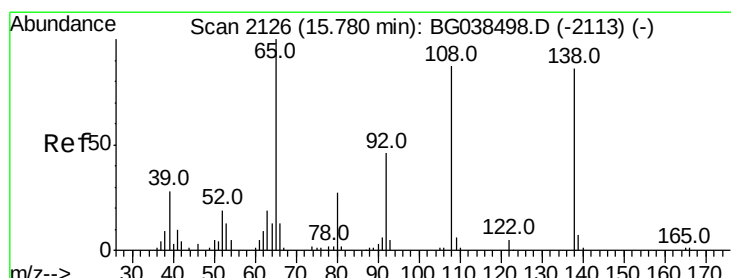
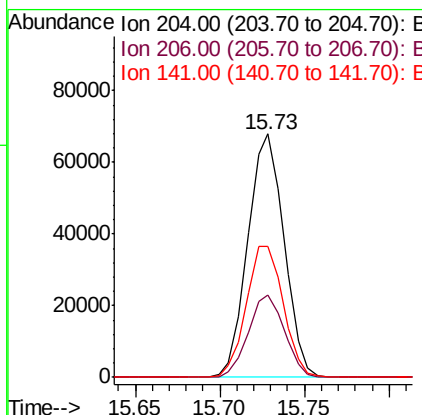
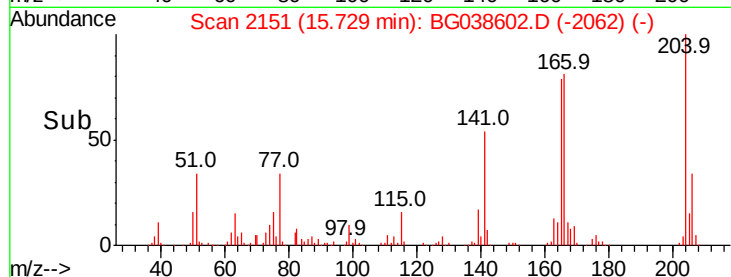
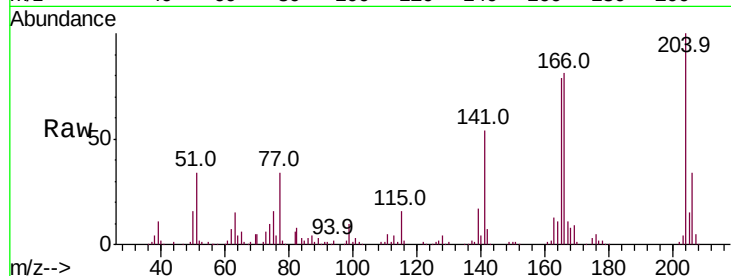
#61
 4-Chlorophenyl-phenylether
 Concen: 39.508 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.00 min
 Lab File: BG038602.D
 Acq: 15 Dec 2018 13:32

Instrument :
 BNA_G
 ClientSampleID :
 PB115709BS

Tot Ion:	204	Resp:	101287
Ion Ratio	Lower	Upper	
204	100		
206	33.9	26.0	39.0
141	53.7	44.4	66.6

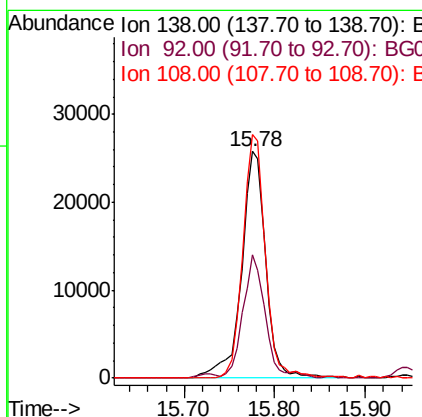
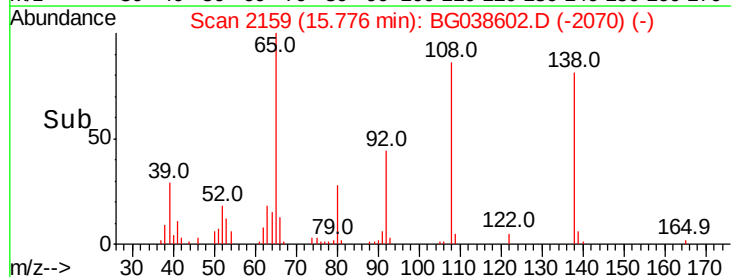
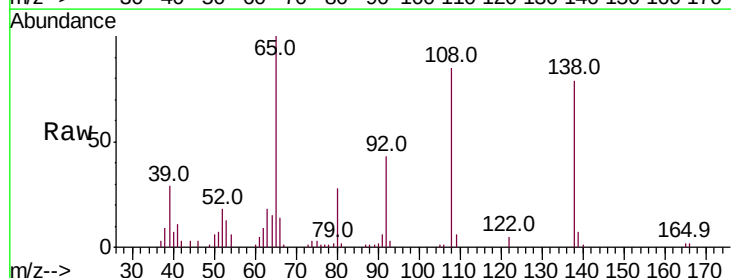
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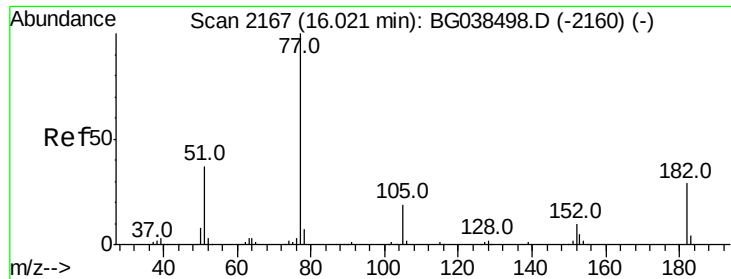
Sohil
 12/16/2018 2:01:07 PM



#62
 4-Nitroaniline
 Concen: 43.862 ng
 RT: 15.78 min Scan# 2159
 Delta R.T. -0.00 min
 Lab File: BG038602.D
 Acq: 15 Dec 2018 13:32

Tgt Ion:	138	Resp:	47613
Ion Ratio	Lower	Upper	
138	100		
92	54.4	33.3	73.3
108	107.5	81.4	121.4





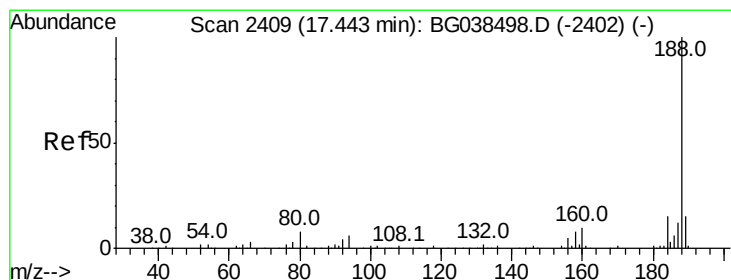
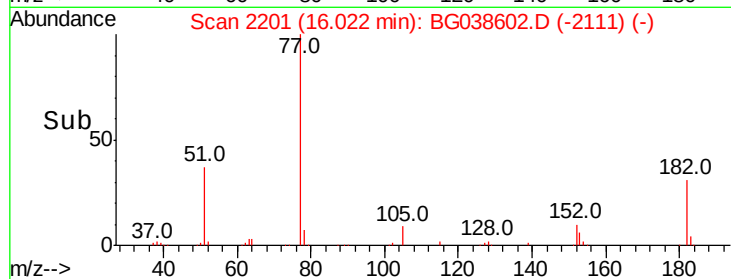
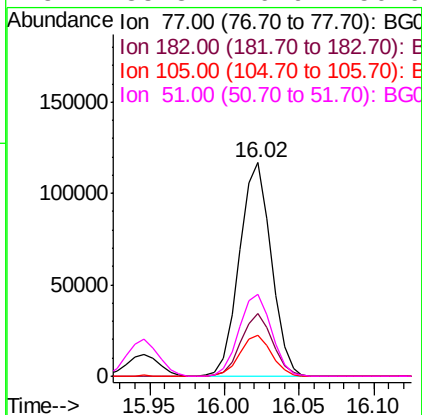
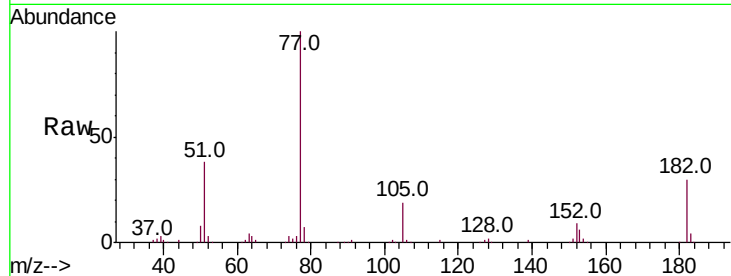
#63
Azobenzene
Concen: 41.342 ng
RT: 16.02 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BG038602.D
Acq: 15 Dec 2018 13:32

Instrument :
BNA_G
ClientSampleId :
PB115709BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	29.6	8.7	48.7
105	19.0	0.0	38.7
51	38.3	16.6	56.6

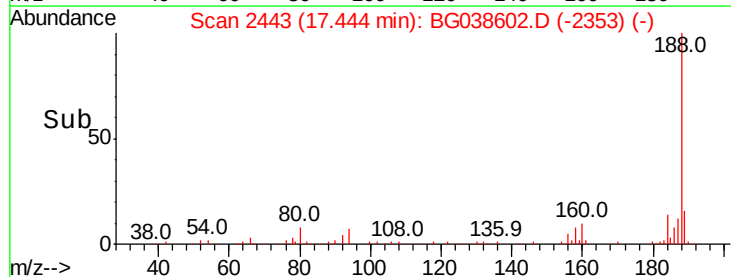
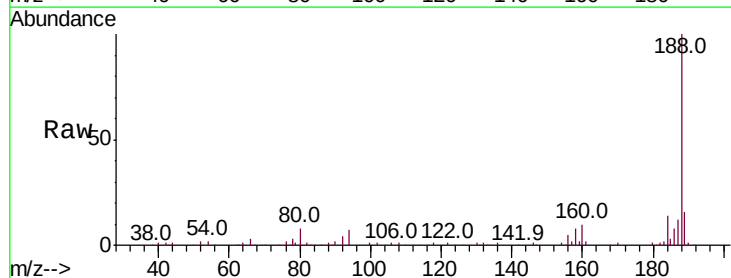
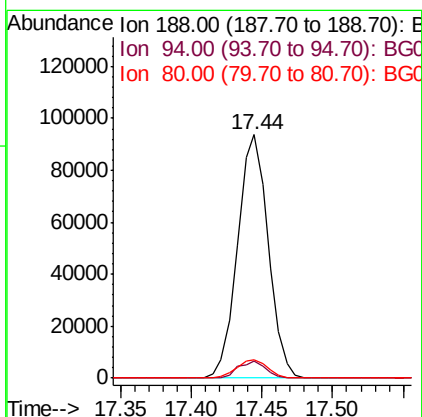
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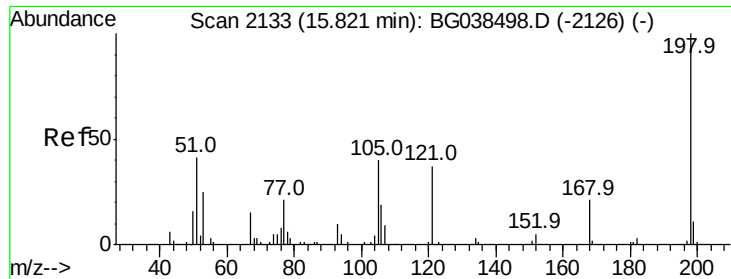
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. 0.00 min
Lab File: BG038602.D
Acq: 15 Dec 2018 13:32

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.9	5.1	7.7
80	7.7	6.1	9.1





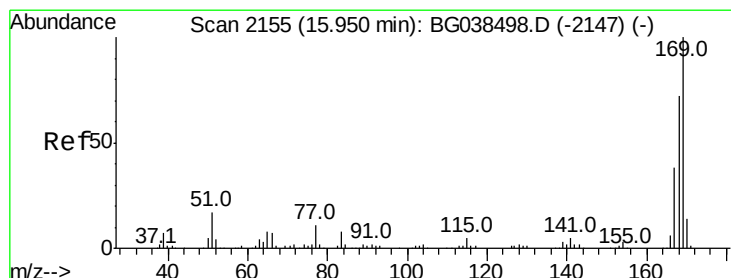
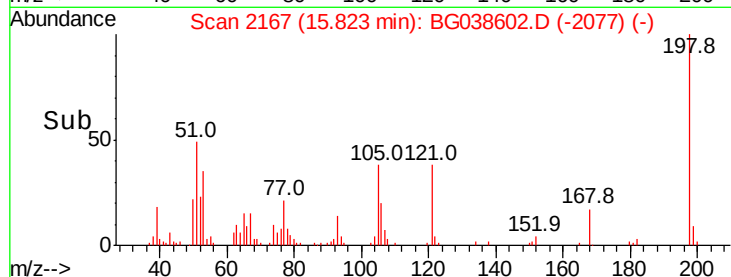
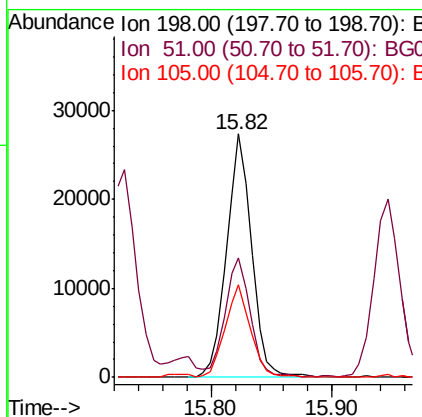
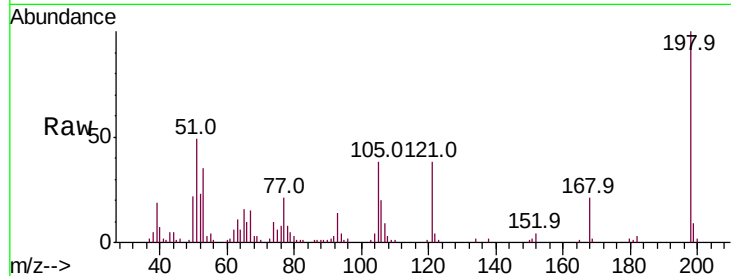
#65
4,6-Dinitro-2-methylphenol
Concen: 38.817 ng
RT: 15.82 min Scan# 2167
Delta R.T. 0.00 min
Lab File: BG038602.D
Acq: 15 Dec 2018 13:32

Instrument :
BNA_G
ClientSampleId :
PB115709BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	39358		
51	49.1		28.6	68.6
105	37.8		20.4	60.4

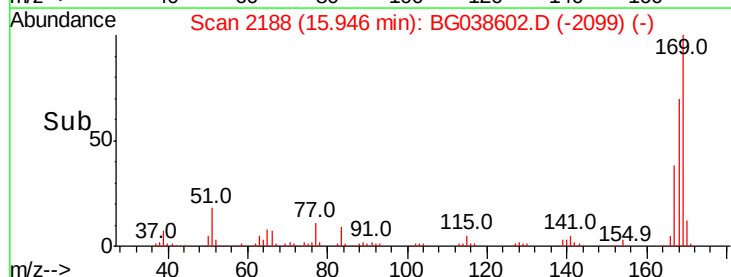
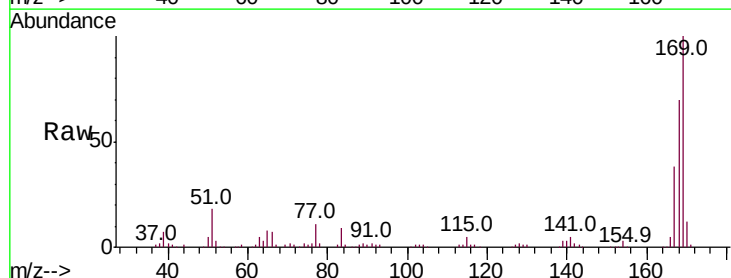
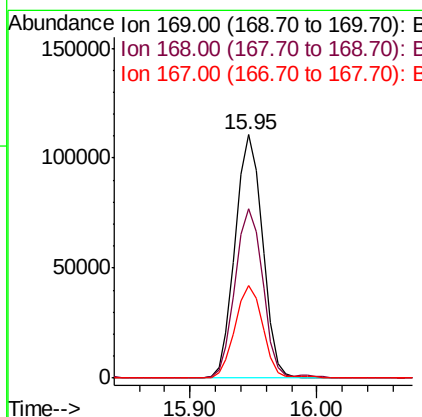
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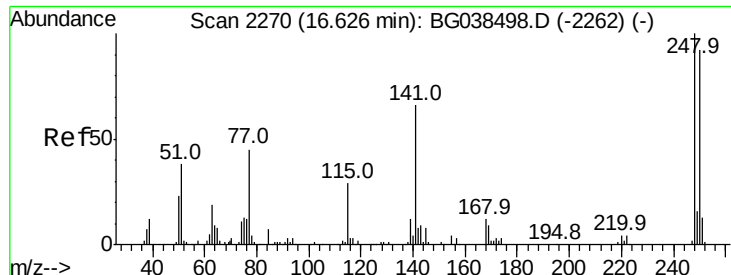
Sohil
12/16/2018 2:01:07 PM



#66
n-Nitrosodiphenylamine
Concen: 39.591 ng
RT: 15.95 min Scan# 2188
Delta R.T. -0.00 min
Lab File: BG038602.D
Acq: 15 Dec 2018 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	165348		
168	69.6		57.5	86.3
167	37.9		30.2	45.2





#67

4-Bromophenyl-phenylether

Concen: 38.722 ng

RT: 16.62 min Scan# 2303

Delta R.T. -0.00 min

Lab File: BG038602.D

Acq: 15 Dec 2018 13:32

Instrument :

BNA_G

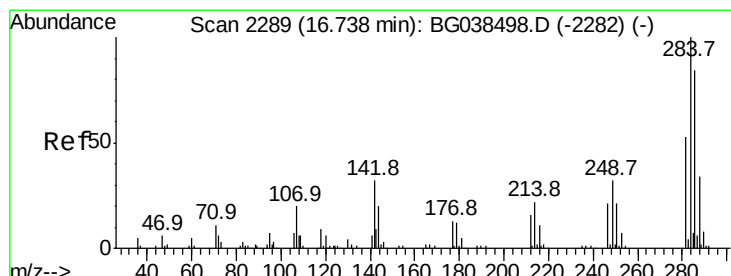
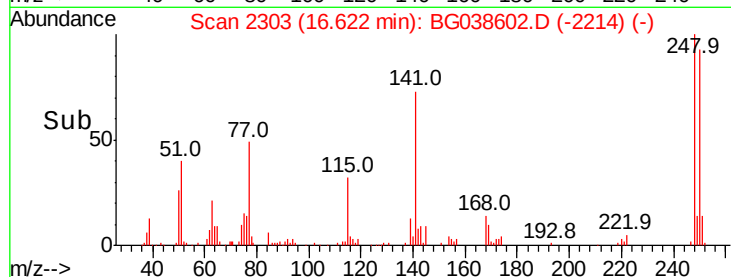
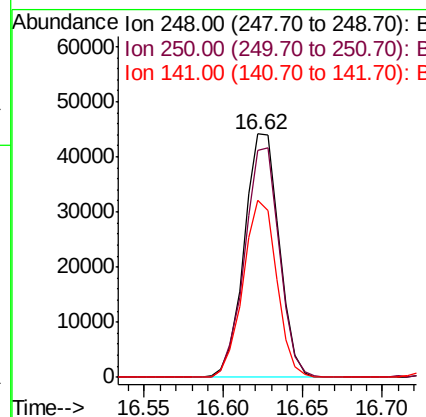
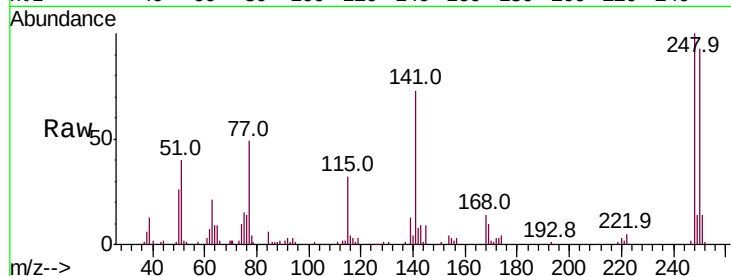
ClientSampleId :

PB115709BS

Tot Ion:	248	Resp:	67218
Ion Ratio	Lower	Upper	
248	100		
250	93.1	73.4	110.2
141	72.9	52.9	79.3

Manual Integrations
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#68

Hexachlorobenzene

Concen: 39.023 ng

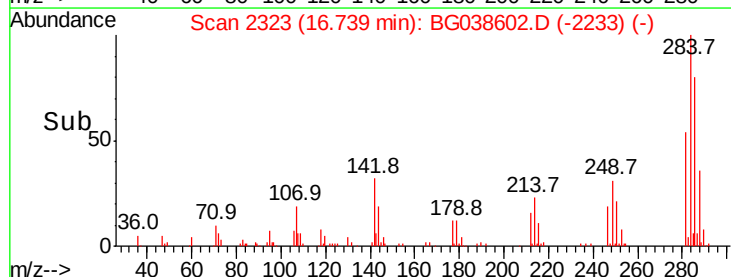
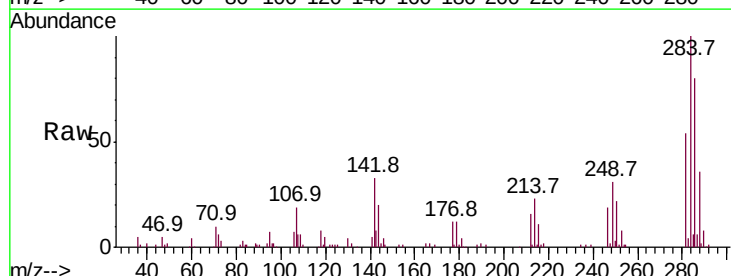
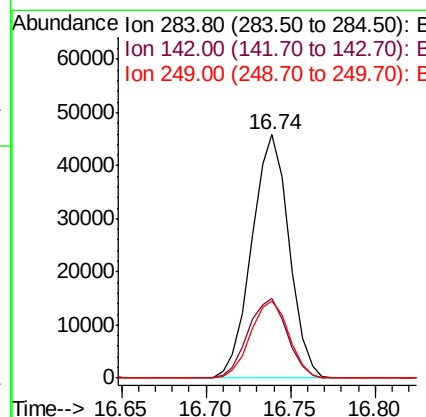
RT: 16.74 min Scan# 2323

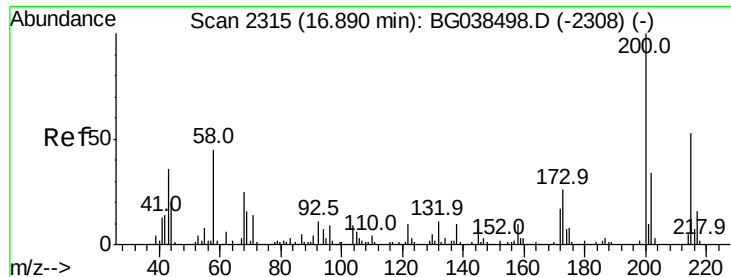
Delta R.T. 0.00 min

Lab File: BG038602.D

Acq: 15 Dec 2018 13:32

Tgt Ion:	284	Resp:	70222
Ion Ratio	Lower	Upper	
284	100		
142	32.6	25.8	38.6
249	34.1	27.0	40.4





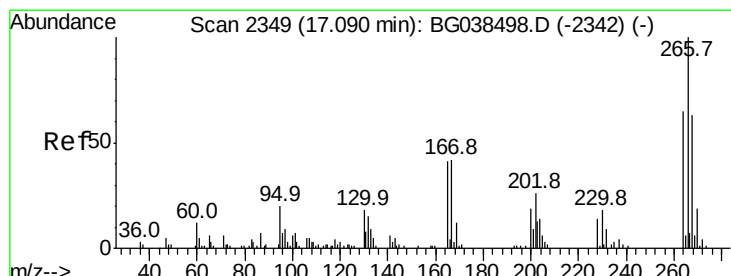
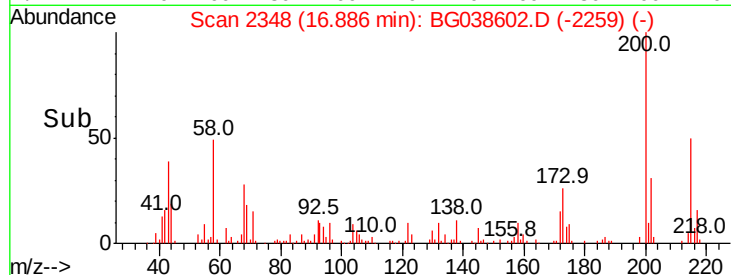
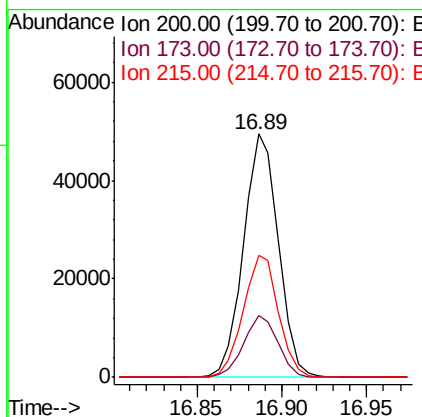
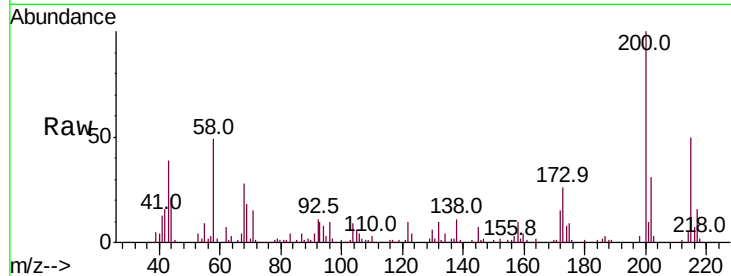
#69
Atrazine
Concen: 45.736 ng
RT: 16.89 min Scan# 2348
Delta R.T. -0.00 min
Lab File: BG038602.D
Acq: 15 Dec 2018 13:32

Instrument :
BNA_G
ClientSampleId :
PB115709BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.5	5.9	45.9
215	49.9	33.1	73.1

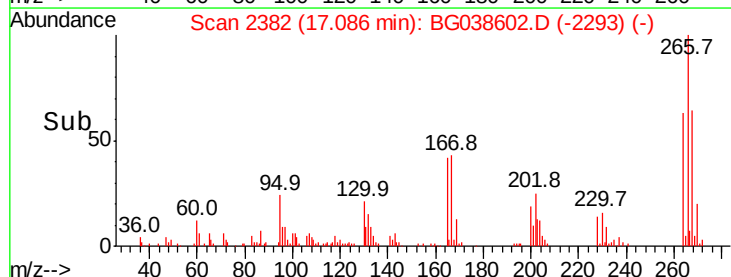
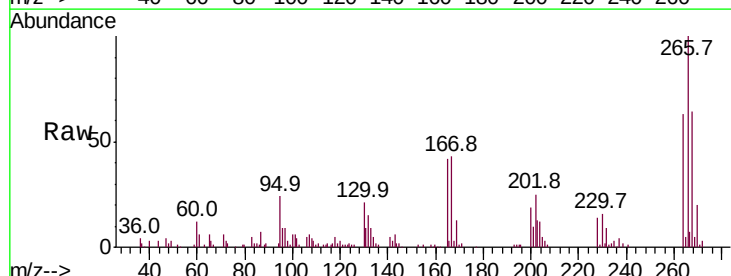
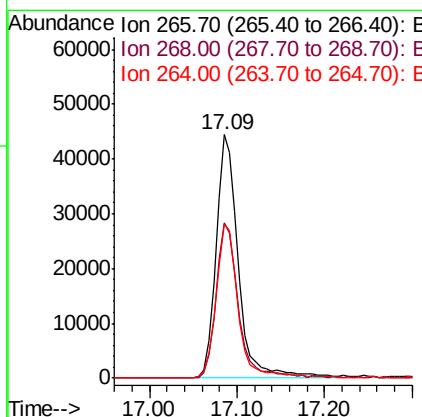
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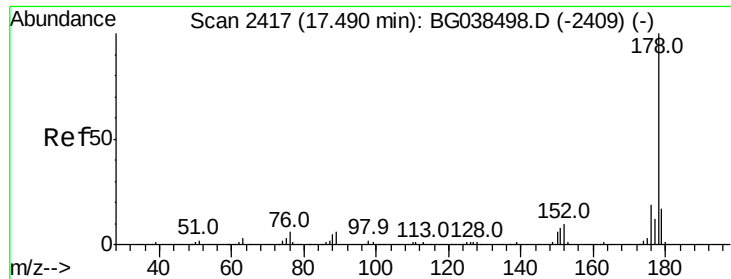
Sohil
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#70
Pentachlorophenol
Concen: 73.573 ng
RT: 17.09 min Scan# 2382
Delta R.T. -0.00 min
Lab File: BG038602.D
Acq: 15 Dec 2018 13:32

Tgt Ion	Ratio	Lower	Upper
266	100		
268	69.0	55.0	82.6
264	67.7	56.7	85.1





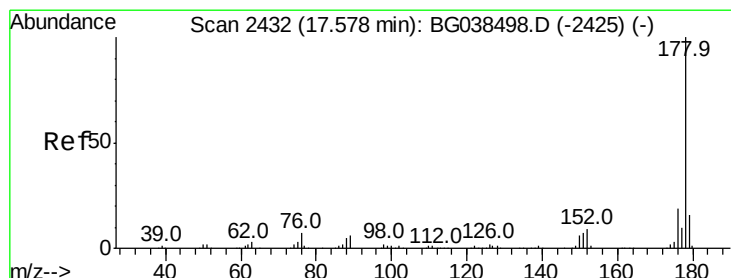
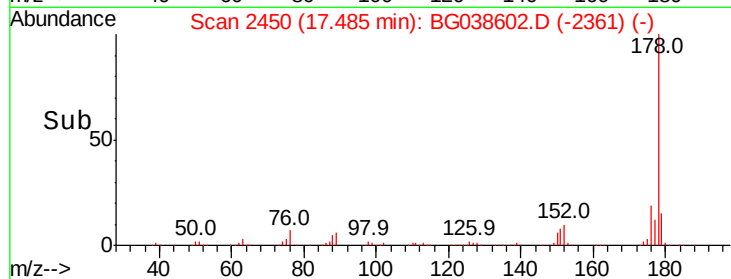
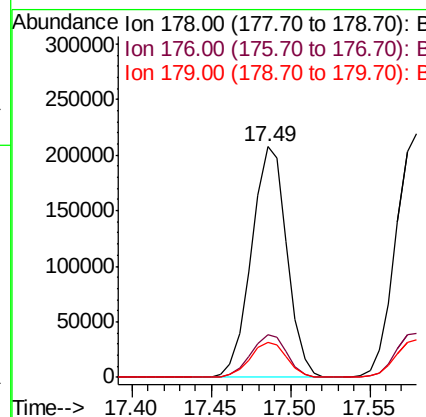
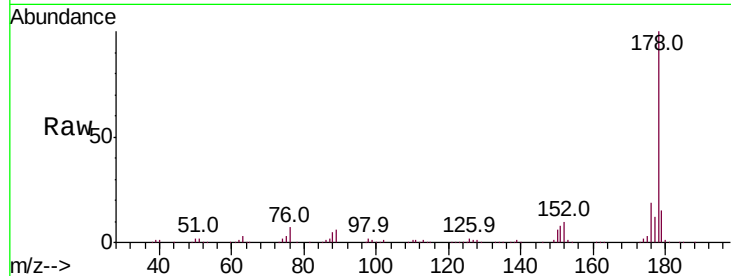
#71
Phenanthrene
Concen: 43.852 ng
RT: 17.49 min Scan# 2450
Delta R.T. -0.00 min
Lab File: BG038602.D
Acq: 15 Dec 2018 13:32

Instrument :
BNA_G
ClientSampleId :
PB115709BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.1	22.7
179	15.3	13.2	19.8

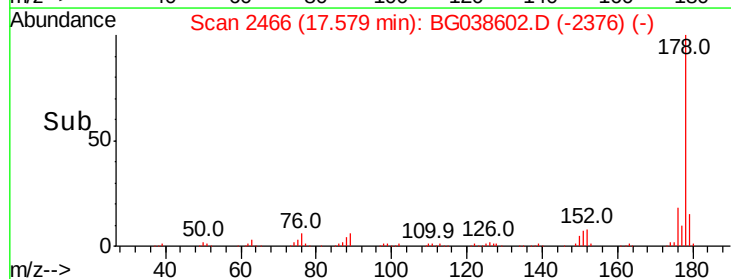
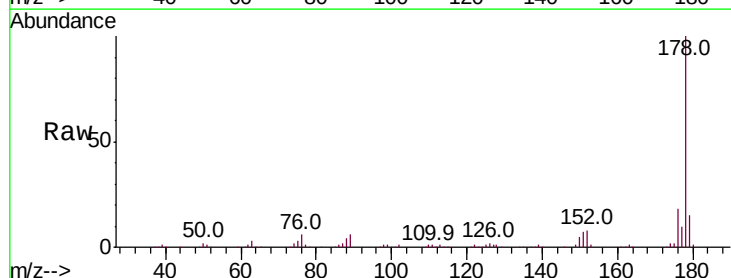
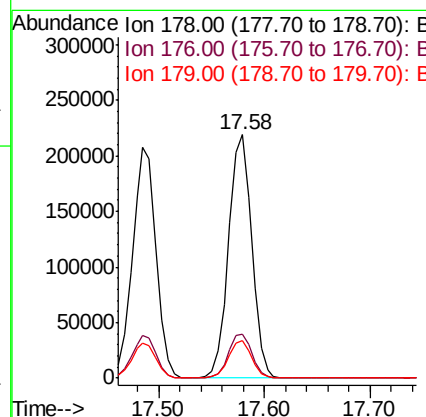
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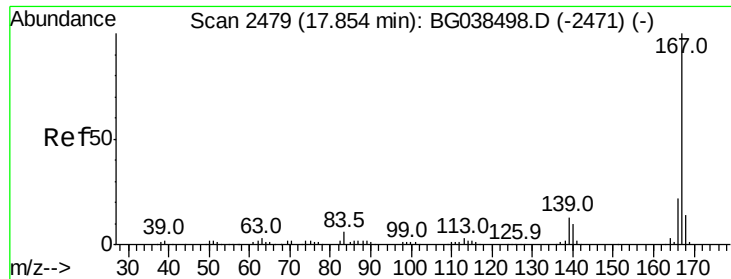
Sohil
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#72
Anthracene
Concen: 45.723 ng
RT: 17.58 min Scan# 2466
Delta R.T. 0.00 min
Lab File: BG038602.D
Acq: 15 Dec 2018 13:32

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.1	22.7
179	15.3	12.9	19.3





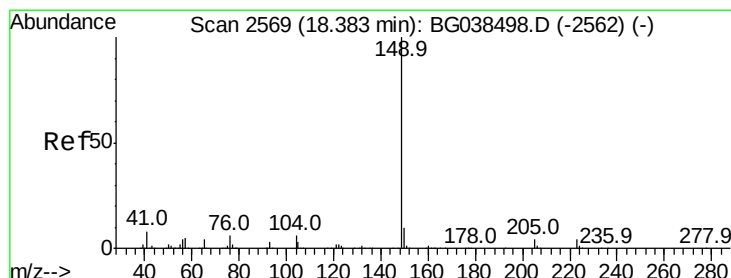
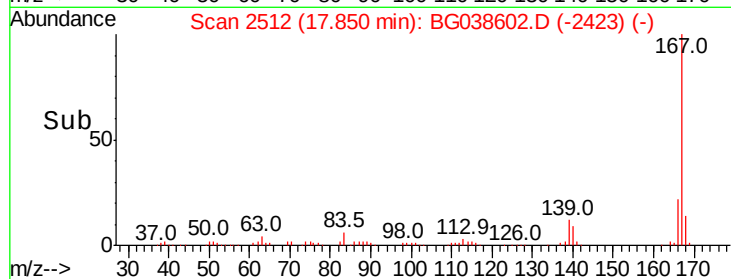
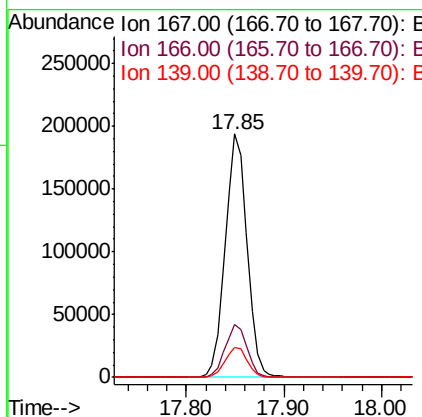
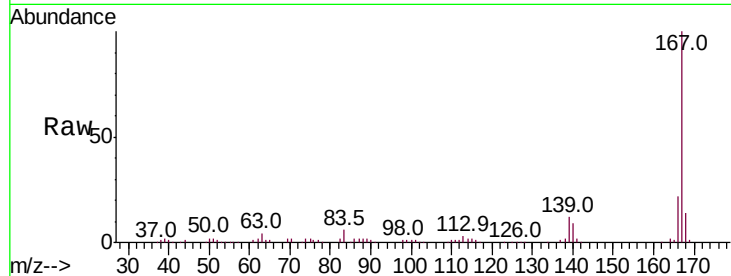
#73
 Carbazole
 Concen: 41.636 ng
 RT: 17.85 min Scan# 2512
 Delta R.T. -0.00 min
 Lab File: BG038602.D
 Acq: 15 Dec 2018 13:32

Instrument :
 BNA_G
 ClientSampleID :
 PB115709BS

Tot Ion:	167	Resp:	299625
Ion Ratio	Lower	Upper	
167	100		
166	21.7	17.9	26.9
139	12.4	10.2	15.2

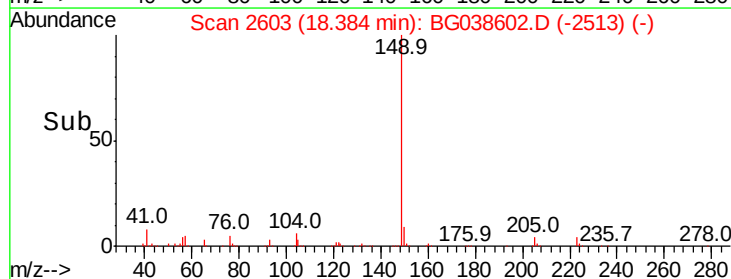
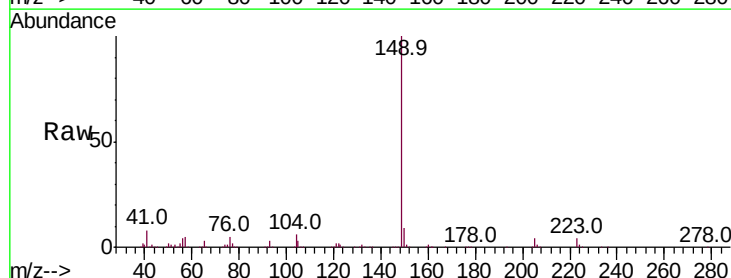
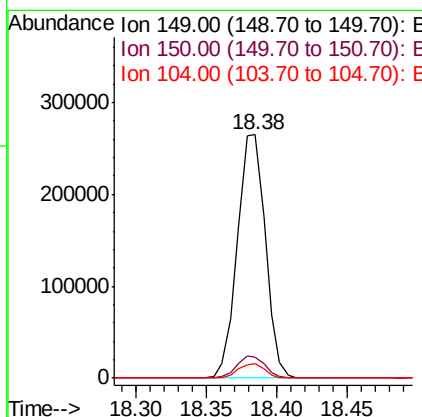
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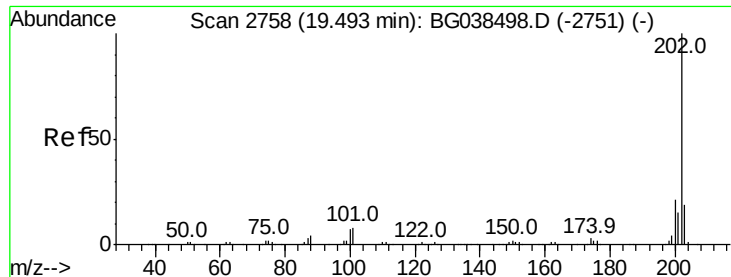
Sohil
 12/16/2018 2:01:07 PM



#74
 Di-n-butylphthalate
 Concen: 44.553 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. 0.00 min
 Lab File: BG038602.D
 Acq: 15 Dec 2018 13:32

Tgt Ion:	149	Resp:	367898
Ion Ratio	Lower	Upper	
149	100		
150	8.6	7.6	11.4
104	5.8	5.0	7.4





#75

Fluoranthene

Concen: 46.728 ng

RT: 19.49 min Scan# 2792

Delta R.T. 0.00 min

Lab File: BG038602.D

Acq: 15 Dec 2018 13:32

Instrument :

BNA_G

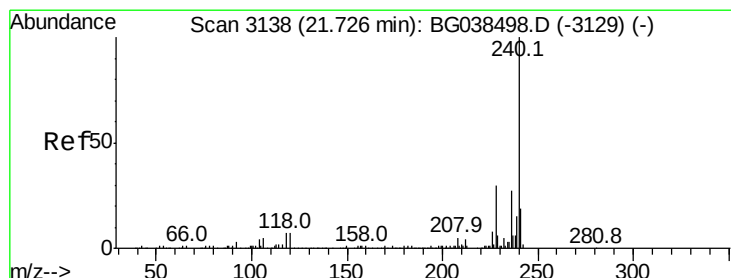
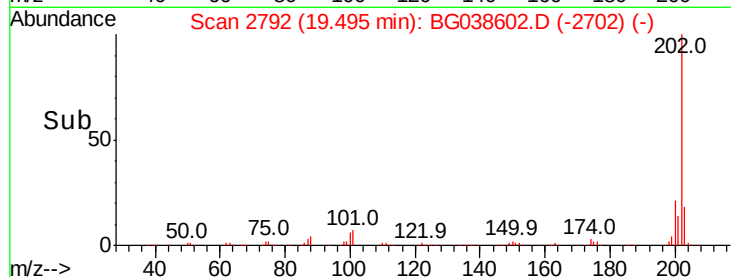
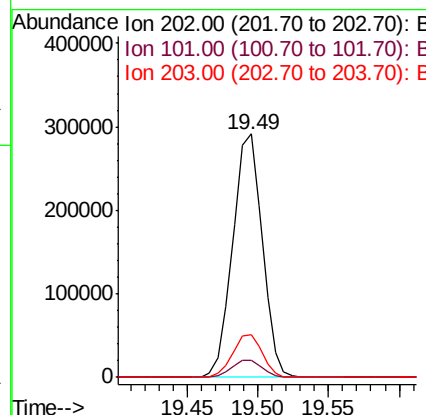
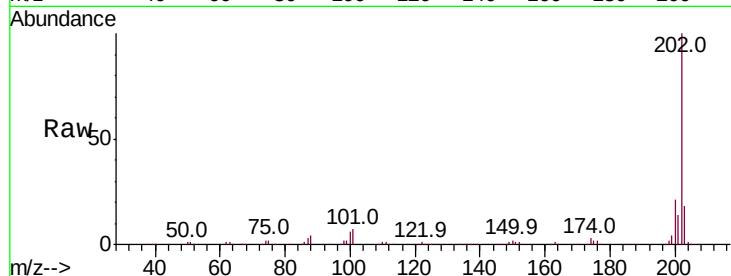
ClientSampleId :

PB115709BS

Tot Ion:	202	Resp:	426147
Ion Ratio	Lower	Upper	
202	100		
101	6.8	0.0	28.1
203	17.5	0.0	39.0

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

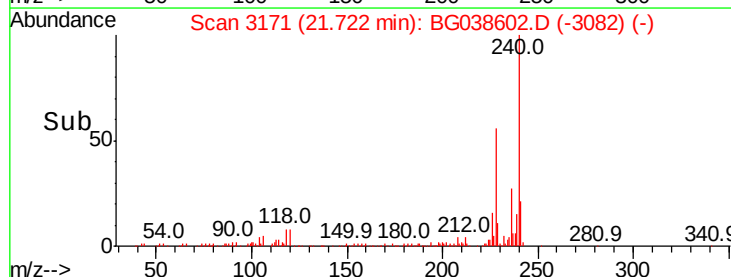
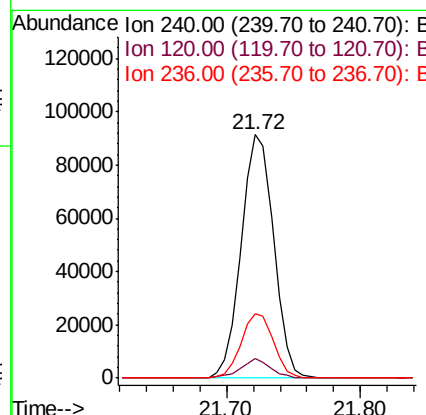
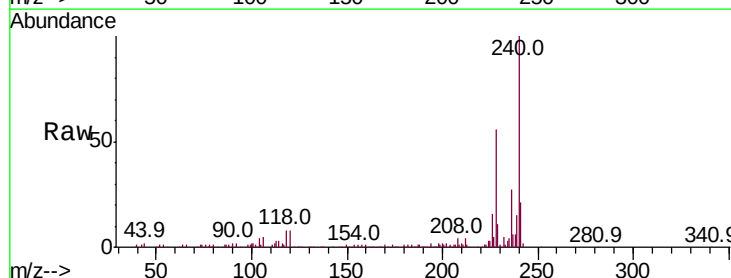
RT: 21.72 min Scan# 3171

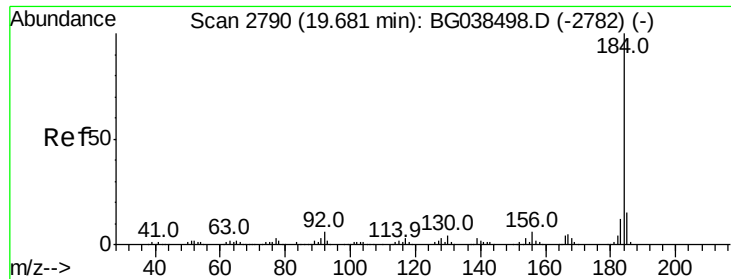
Delta R.T. -0.00 min

Lab File: BG038602.D

Acq: 15 Dec 2018 13:32

Tgt Ion:	240	Resp:	153412
Ion Ratio	Lower	Upper	
240	100		
120	8.0	5.3	7.9#
236	26.6	21.4	32.2





#77

Benzidine

Concen: 46.565 ng

RT: 19.68 min Scan# 2823

Delta R.T. -0.00 min

Lab File: BG038602.D

Acq: 15 Dec 2018 13:32

Instrument :

BNA_G

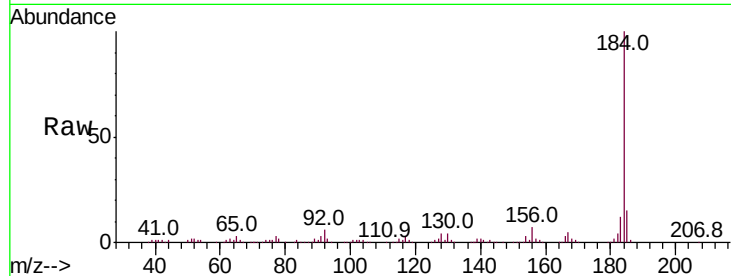
ClientSampleId :

PB115709BS

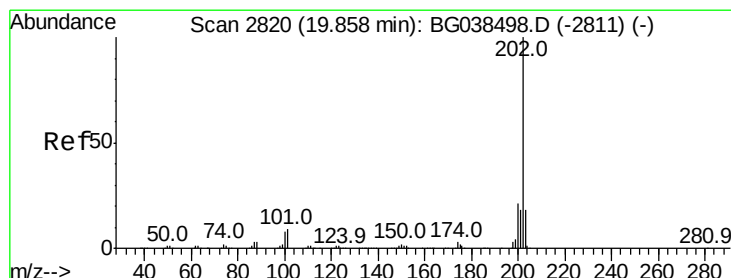
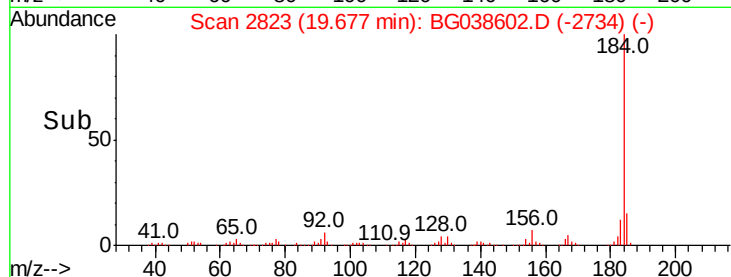
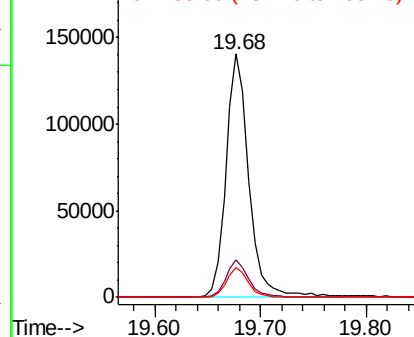
Tot Ion:	184	Resp:	211265
Ion Ratio	Lower	Upper	
184	100		
185	15.4	12.2	18.2
183	12.0	9.6	14.4

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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: 41.689 ng

RT: 19.86 min Scan# 2854

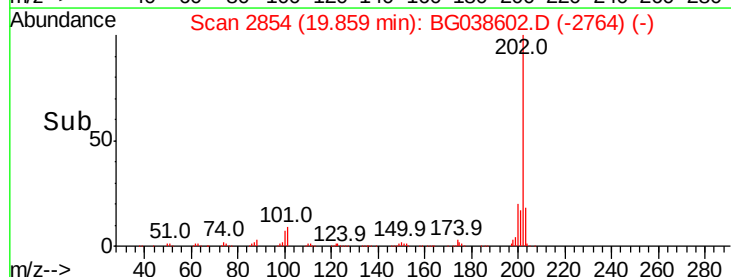
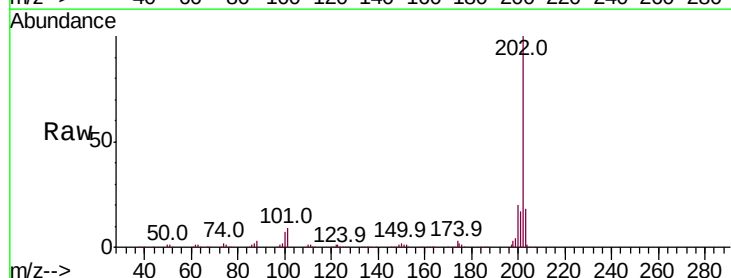
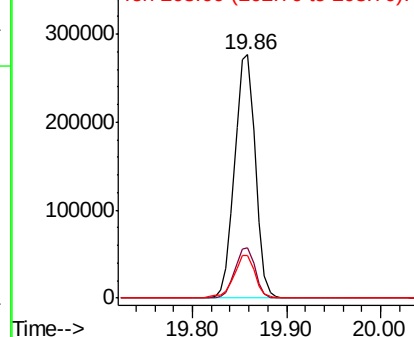
Delta R.T. 0.00 min

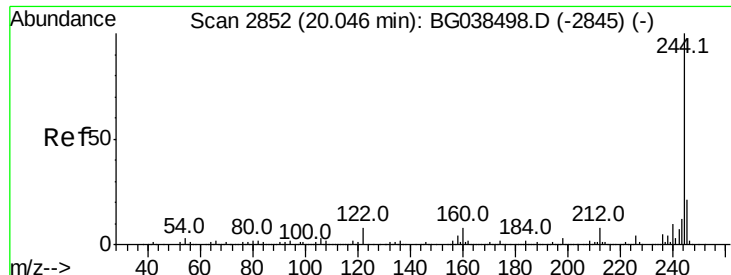
Lab File: BG038602.D

Acq: 15 Dec 2018 13:32

Tgt Ion:	202	Resp:	422507
Ion Ratio	Lower	Upper	
202	100		
200	20.4	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





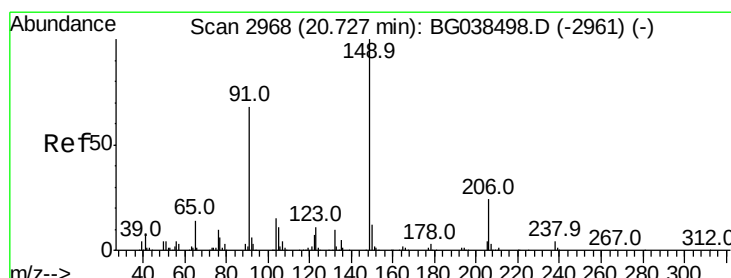
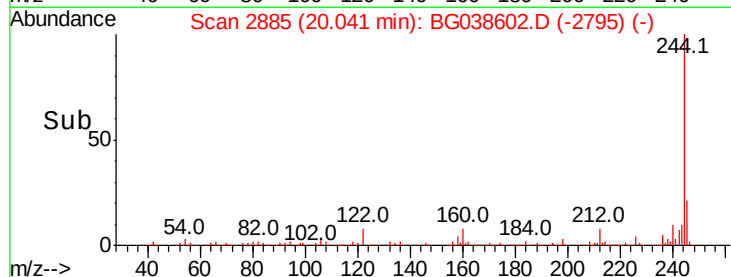
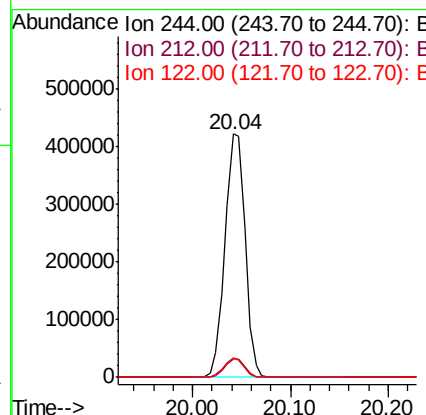
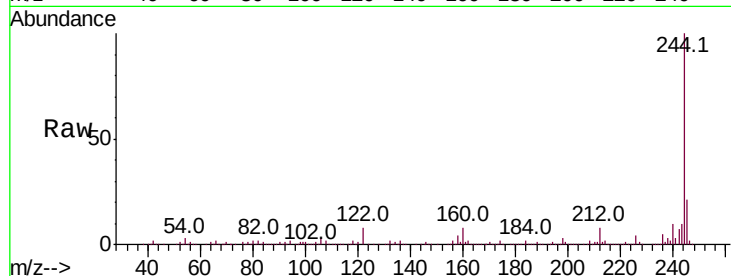
#79
 Terphenyl-d14
 Concen: 85.348 ng
 RT: 20.04 min Scan# 2885
 Delta R.T. -0.00 min
 Lab File: BG038602.D
 Acq: 15 Dec 2018 13:32

Instrument :
 BNA_G
 ClientSampleID :
 PB115709BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	7.9	6.3	9.5

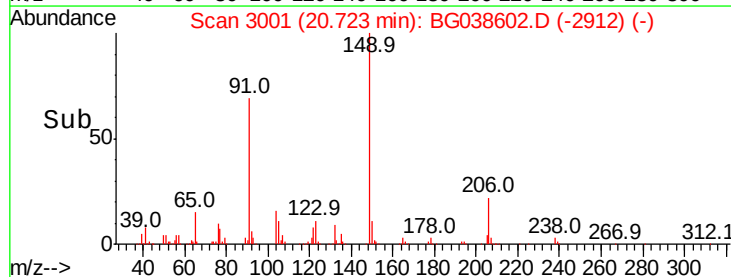
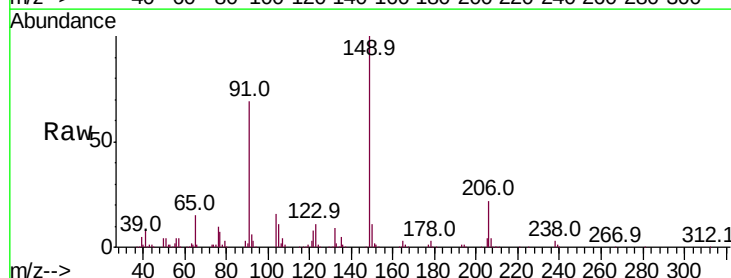
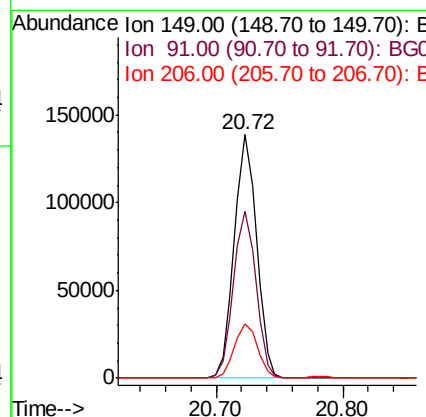
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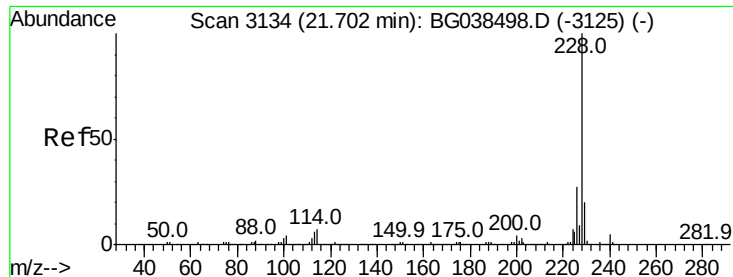
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#80
 Butylbenzylphthalate
 Concen: 42.803 ng
 RT: 20.72 min Scan# 3001
 Delta R.T. -0.00 min
 Lab File: BG038602.D
 Acq: 15 Dec 2018 13:32

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.7	54.5	81.7
206	22.0	19.0	28.6





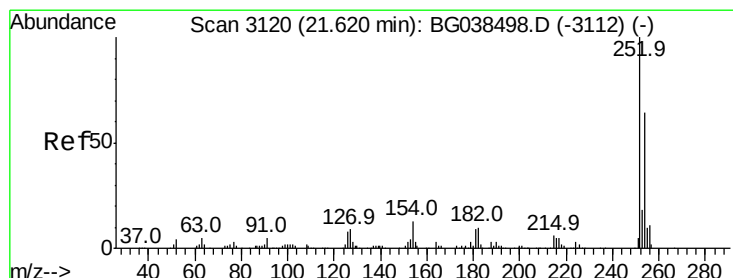
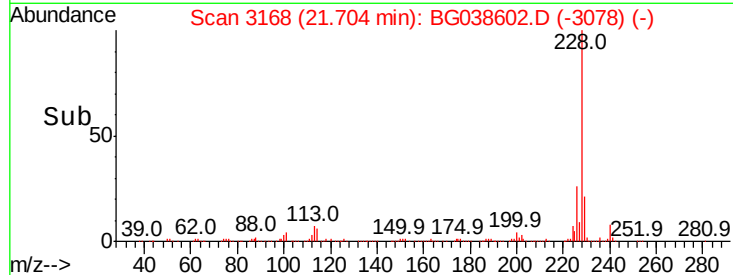
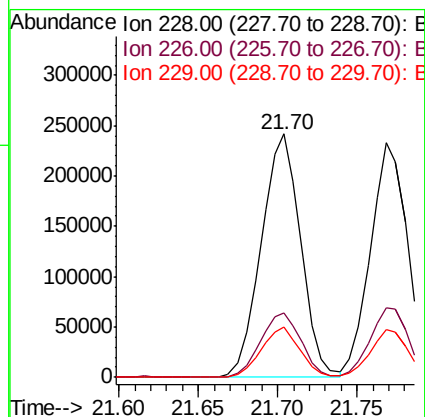
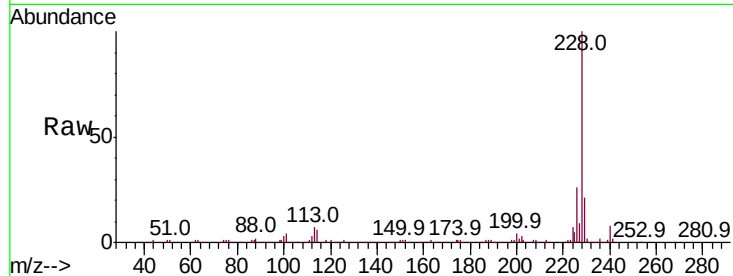
#81
Benzo(a)anthracene
Concen: 44.629 ng
RT: 21.70 min Scan# 3168
Delta R.T. 0.00 min
Lab File: BG038602.D
Acq: 15 Dec 2018 13:32

Instrument :
BNA_G
ClientSampleId :
PB115709BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.2	21.8	32.8
229	20.5	15.8	23.6

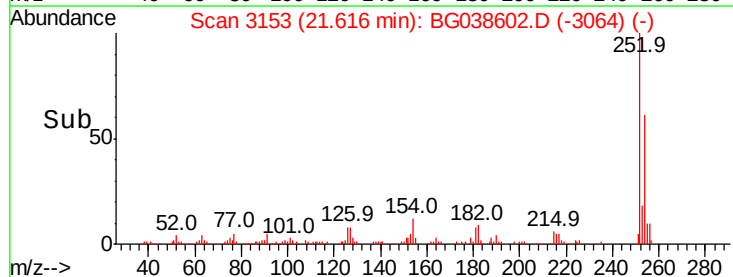
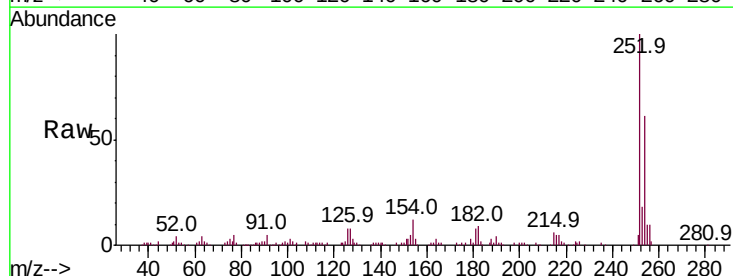
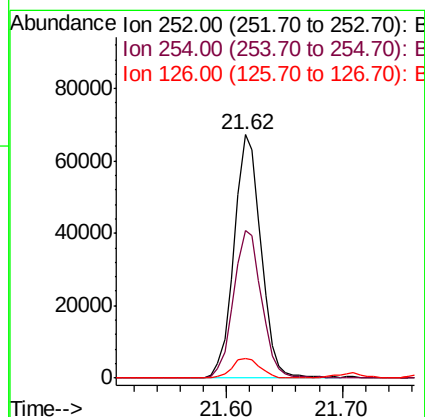
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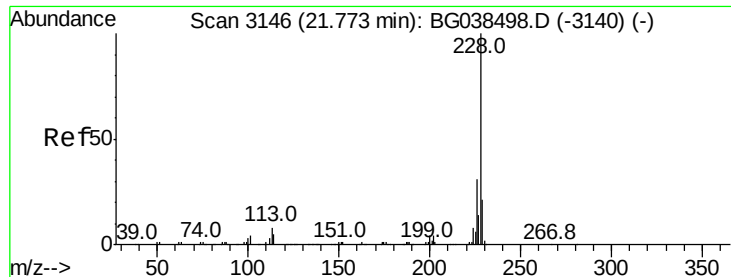
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#82
3,3'-Dichlorobenzidine
Concen: 29.331 ng
RT: 21.62 min Scan# 3153
Delta R.T. -0.00 min
Lab File: BG038602.D
Acq: 15 Dec 2018 13:32

Tgt Ion	Ratio	Lower	Upper
252	100		
254	60.8	50.9	76.3
126	8.0	6.3	9.5





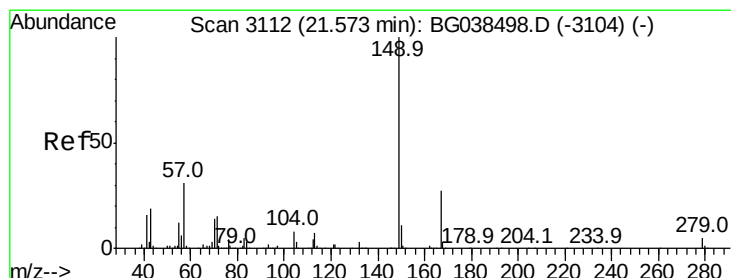
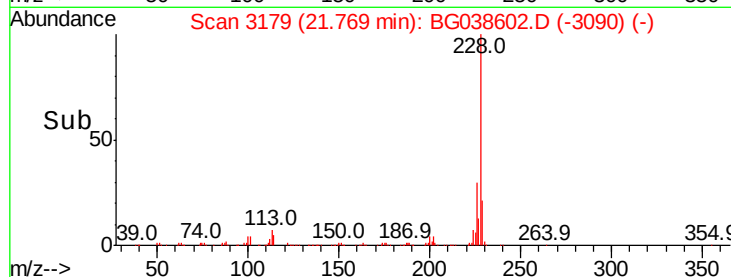
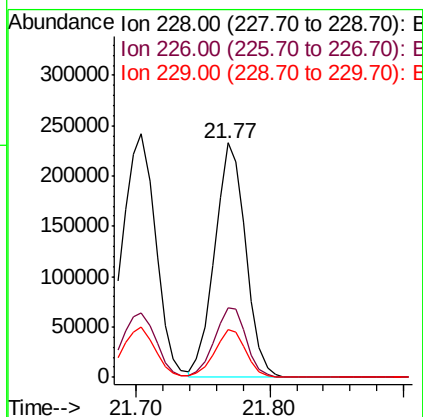
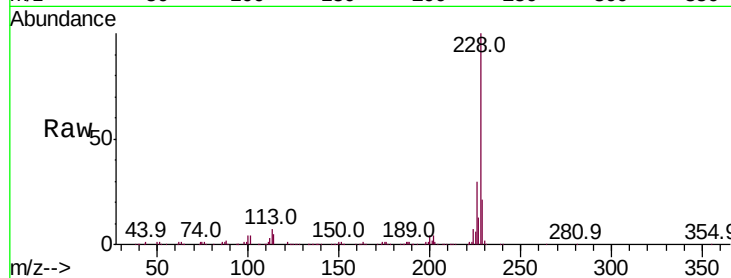
#83
Chrysene
Concen: 42.180 ng
RT: 21.77 min Scan# 3179
Delta R.T. -0.00 min
Lab File: BG038602.D
Acq: 15 Dec 2018 13:32

Instrument :
BNA_G
ClientSampleId :
PB115709BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.0	37.4
229	20.6	16.5	24.7

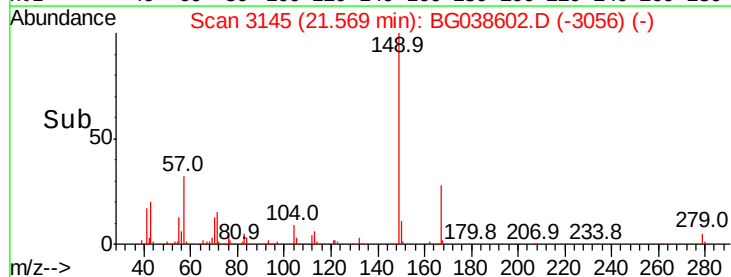
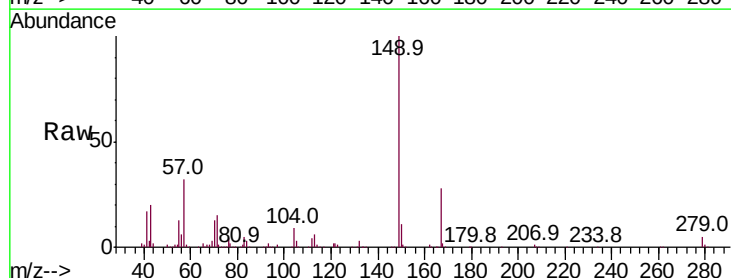
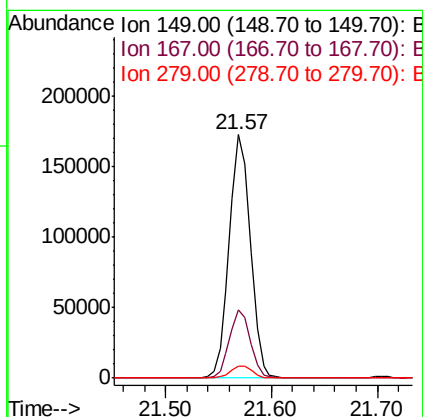
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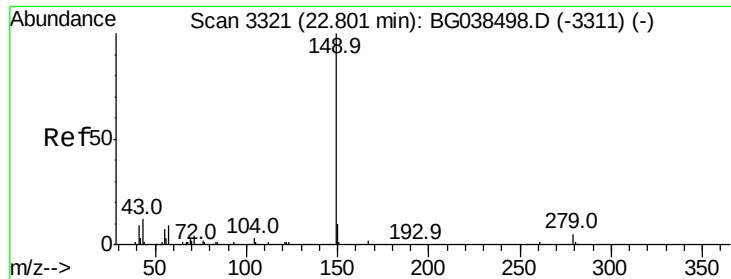
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#84
Bis(2-ethylhexyl)phthalate
Concen: 42.616 ng
RT: 21.57 min Scan# 3145
Delta R.T. -0.00 min
Lab File: BG038602.D
Acq: 15 Dec 2018 13:32

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.9	21.9	32.9
279	4.9	4.2	6.2





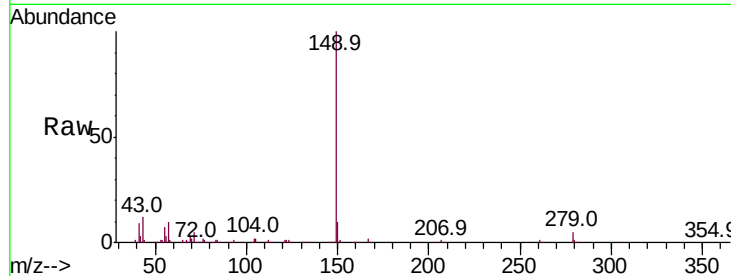
#85
Di-n-octyl phthalate
Concen: 43.299 ng
RT: 22.80 min Scan# 3354
Delta R.T. -0.00 min
Lab File: BG038602.D
Acq: 15 Dec 2018 13:32

Instrument :
BNA_G
ClientSampleId :
PB115709BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.7	1.2	1.8	
43	12.3	9.3	13.9	

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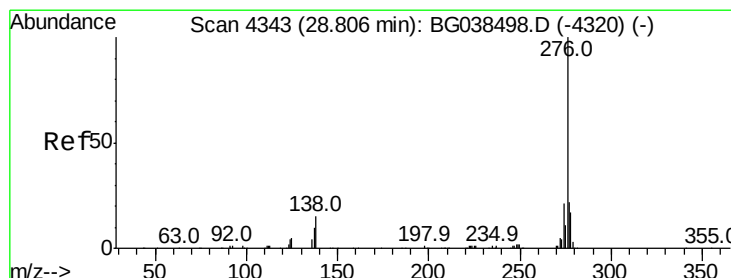
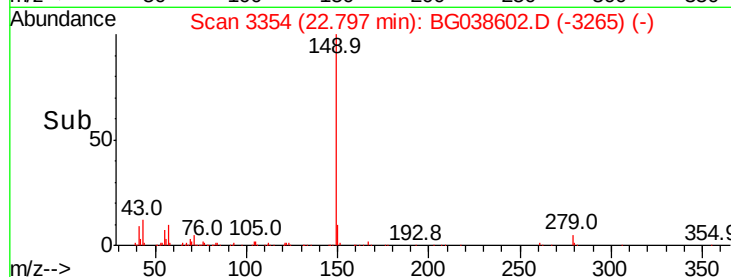
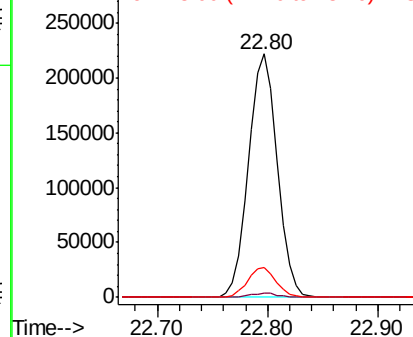


Abundance

Ion 149.00 (148.70 to 149.70): E

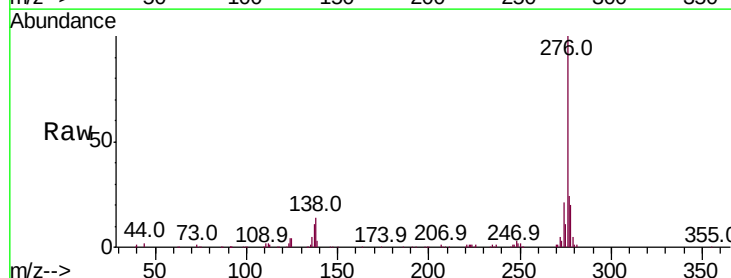
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86
Indeno(1,2,3-cd)pyrene
Concen: 44.736 ng
RT: 28.80 min Scan# 4376
Delta R.T. -0.00 min
Lab File: BG038602.D
Acq: 15 Dec 2018 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	8.9	14.4	21.6#	
277	25.8	0.0	0.0#	

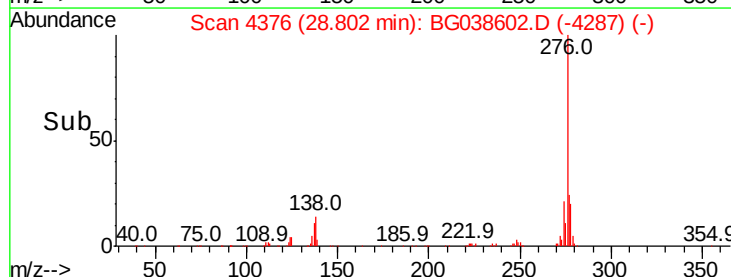
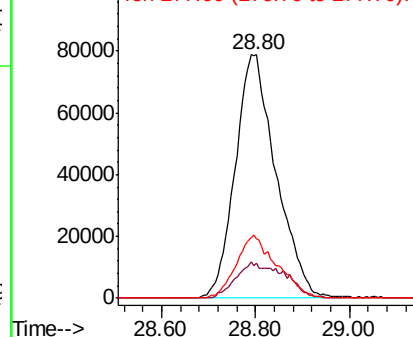


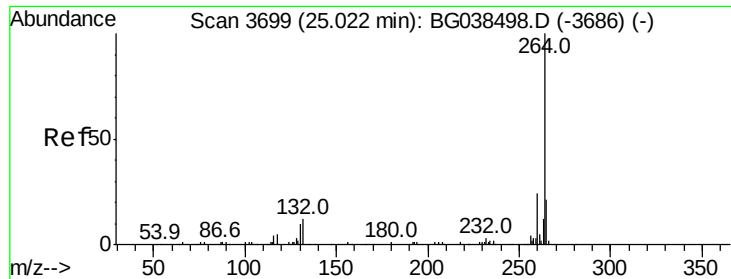
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





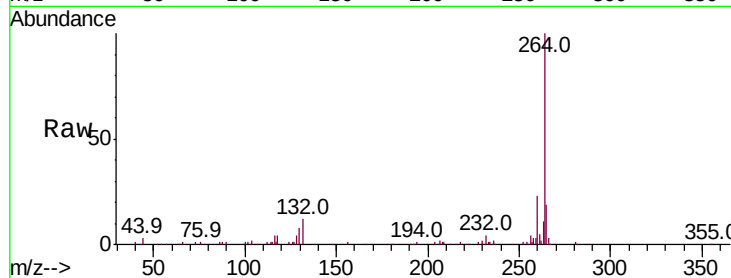
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.01 min Scan# 3731
Delta R.T. -0.01 min
Lab File: BG038602.D
Acq: 15 Dec 2018 13:32

Instrument :
BNA_G
ClientSampleId :
PB115709BS

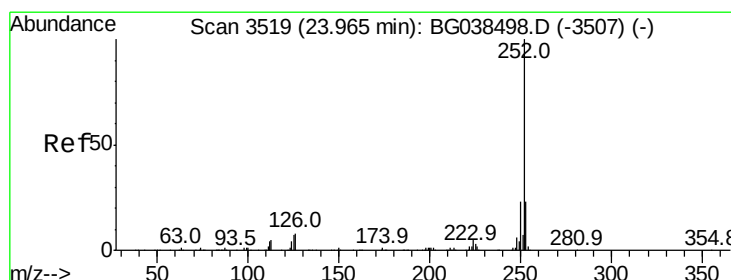
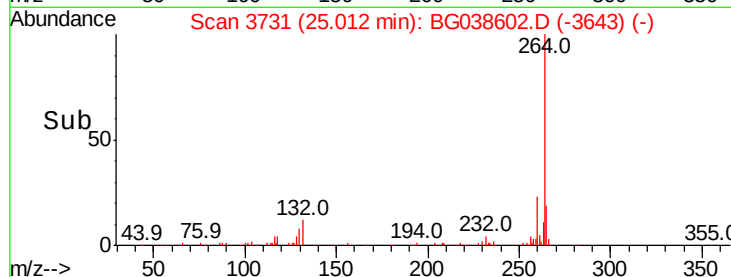
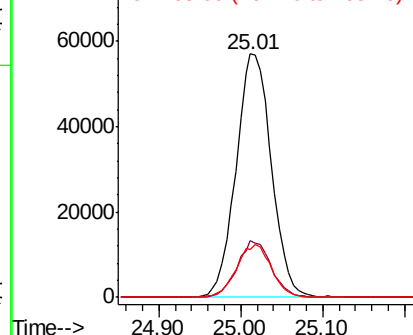
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.9	28.3
265	19.4	17.0	25.4

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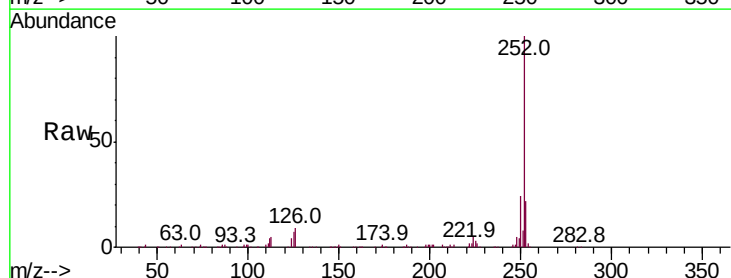


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

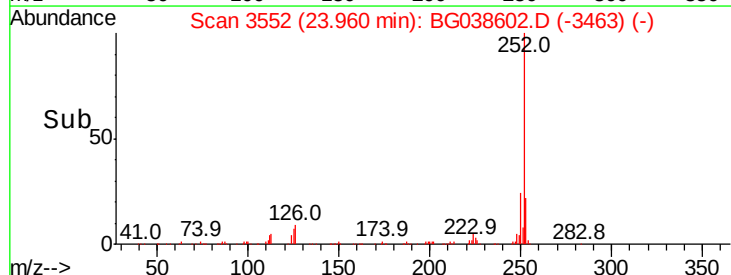
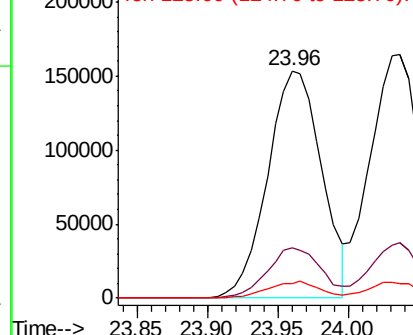


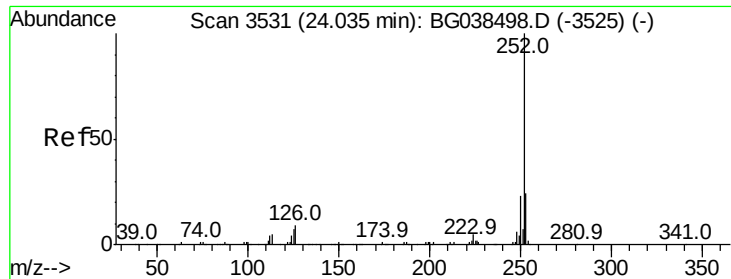
#88
Benzo(b)fluoranthene
Concen: 43.569 ng
RT: 23.96 min Scan# 3552
Delta R.T. -0.00 min
Lab File: BG038602.D
Acq: 15 Dec 2018 13:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	6.6	5.5	8.3



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





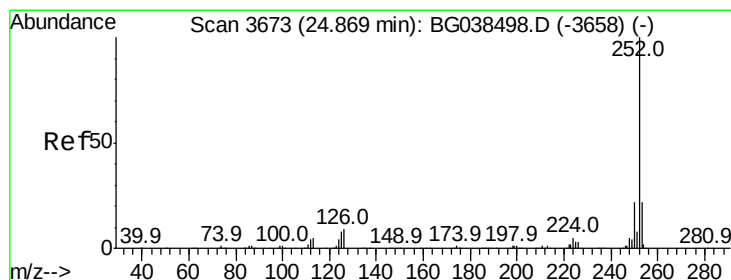
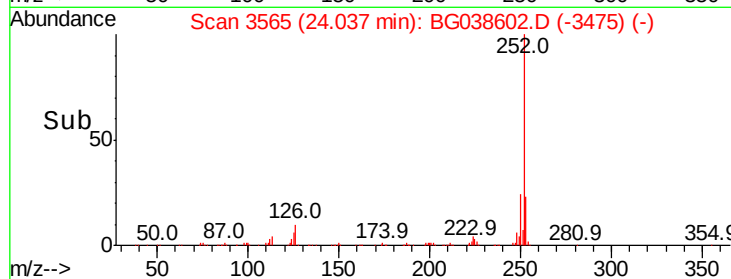
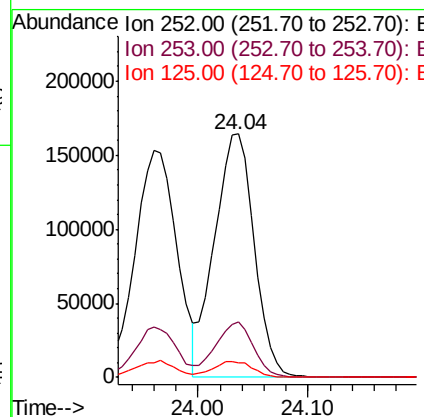
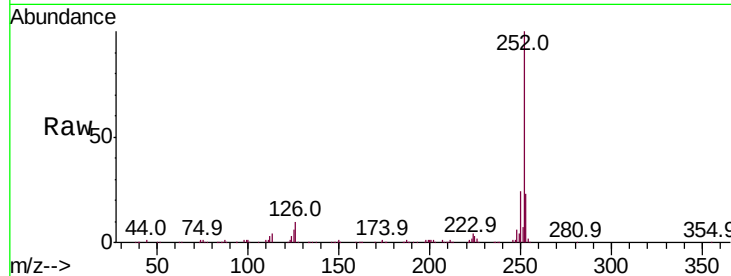
#89
Benzo(k)fluoranthene
Concen: 43.689 ng
RT: 24.04 min Scan# 3565
Delta R.T. 0.00 min
Lab File: BG038602.D
Acq: 15 Dec 2018 13:32

Instrument :
BNA_G
ClientSampleId :
PB115709BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.9	28.3
125	6.1	5.4	8.2

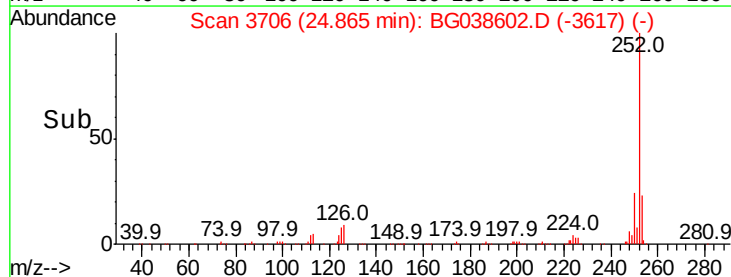
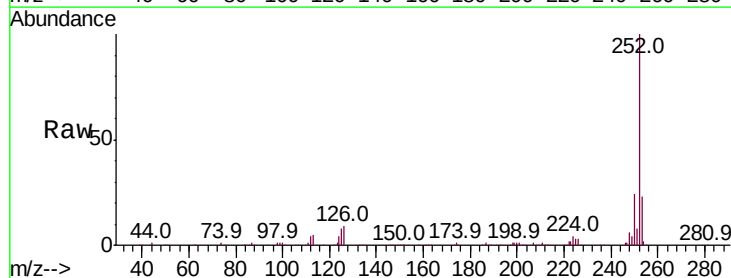
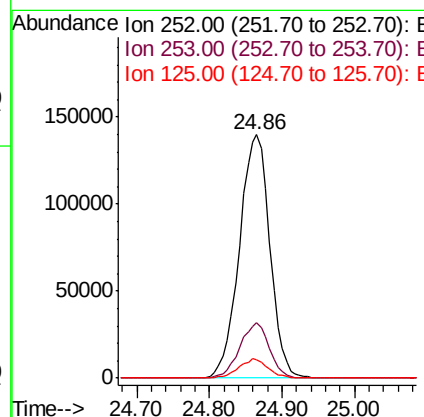
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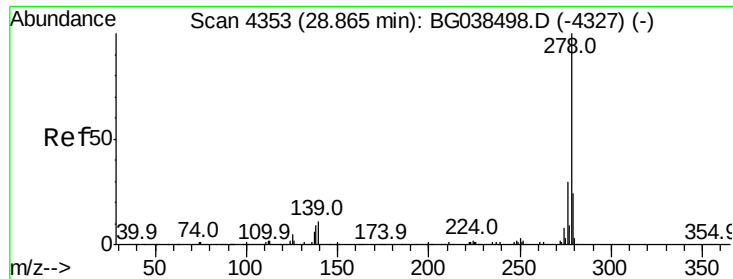
Sohil
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#90
Benzo(a)pyrene
Concen: 44.950 ng
RT: 24.86 min Scan# 3706
Delta R.T. -0.00 min
Lab File: BG038602.D
Acq: 15 Dec 2018 13:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.0
125	7.7	6.4	9.6





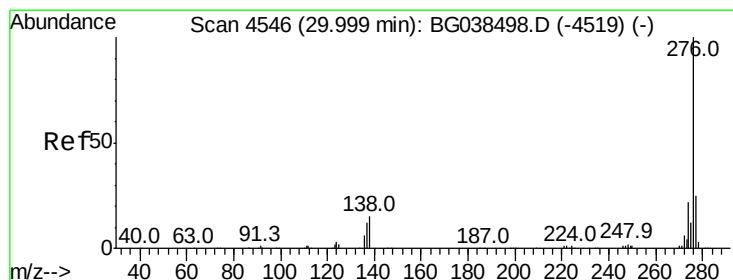
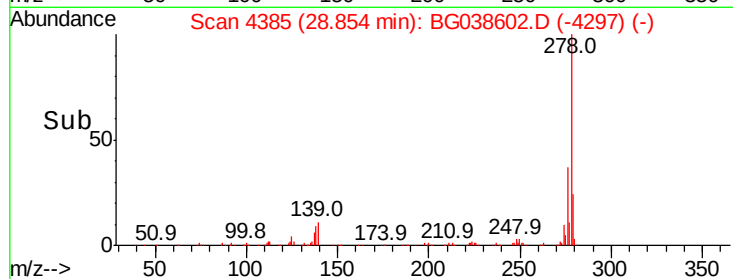
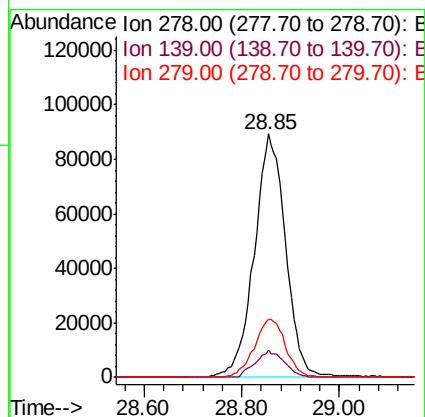
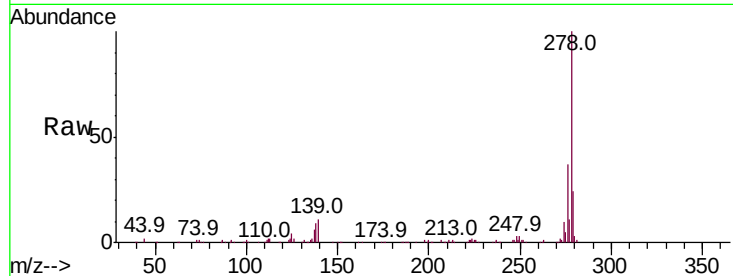
#91
Dibenzo(a,h)anthracene
Concen: 44.136 ng
RT: 28.85 min Scan# 4385
Delta R.T. -0.01 min
Lab File: BG038602.D
Acq: 15 Dec 2018 13:32

Instrument :
BNA_G
ClientSampleId :
PB115709BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	11.1	8.6	12.8
279	24.1	19.0	28.6

Manual Integrations
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12/16/2018 2:01:07 PM



#92
Benzo(g,h,i)perylene
Concen: 44.205 ng
RT: 29.99 min Scan# 4578
Delta R.T. -0.01 min
Lab File: BG038602.D
Acq: 15 Dec 2018 13:32

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.8	29.8
138	14.9	11.8	17.6

