

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121918\
 Data File : BG038730.D
 Acq On : 19 Dec 2018 17:05
 Operator : JU/SJ
 Sample : PB115831BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115831BS

Manual Integrations
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Sohil
 12/20/2018 1:06:35 PM

Quant Time: Dec 20 00:20:09 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	24303	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	92389	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	61467	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	159470	20.00	ng	0.00
76) Chrysene-d12	21.72	240	163474	20.00	ng	0.00
87) Perylene-d12	25.01	264	171866	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	187282	136.68	ng	0.00
7) Phenol-d6	7.21	99	248561	132.14	ng	0.00
23) Nitrobenzene-d5	9.23	82	124574	68.88	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	128969	152.24	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	316110	70.55	ng	0.00
79) Terphenyl-d14	20.04	244	631610	84.09	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	21096	33.081	ng	94
3) Pyridine	3.89	79	58155	33.122	ng	96
4) n-Nitrosodimethylamine	3.82	42	35689	41.484	ng	# 87
6) Aniline	7.38	93	68317	28.450	ng	97
8) 2-Chlorophenol	7.62	128	66727	42.081	ng	97
9) Benzaldehyde	7.20	77	21099	17.290	ng	99
10) Phenol	7.24	94	84743	42.405	ng	97
11) bis(2-Chloroethyl)ether	7.48	93	54813	34.450	ng	96
12) 1,3-Dichlorobenzene	7.94	146	70266	37.478	ng	100
13) 1,4-Dichlorobenzene	8.09	146	72514	37.764	ng	99
14) 1,2-Dichlorobenzene	8.41	146	68062	37.599	ng	98
15) Benzyl Alcohol	8.30	79	58767	40.026	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	119949	32.910	ng	97
17) 2-Methylphenol	8.50	107	56588	42.264	ng	98
18) Hexachloroethane	9.13	117	25213	35.934	ng	86
19) n-Nitroso-di-n-propylamine	8.86	70	46079	34.878	ng	98
20) 3+4-Methylphenols	8.82	107	77848	42.100	ng	97
22) Acetophenone	8.89	105	93204	40.389	ng	# 99
24) Nitrobenzene	9.27	77	72141	39.432	ng	97
25) Isophorone	9.79	82	130783	40.250	ng	98
26) 2-Nitrophenol	9.99	139	38307	40.910	ng	95
27) 2,4-Dimethylphenol	10.03	122	66904	49.855	ng	99
28) bis(2-Chloroethoxy)methane	10.27	93	75267	41.047	ng	98
29) 2,4-Dichlorophenol	10.52	162	71460	47.866	ng	95
30) 1,2,4-Trichlorobenzene	10.73	180	76230	42.272	ng	96
31) Naphthalene	10.93	128	203657	44.739	ng	98
32) Benzoic acid	10.19	122	29839m	37.758	ng	
33) 4-Chloroaniline	11.04	127	49715	25.156	ng	98
34) Hexachlorobutadiene	11.18	225	50532	41.413	ng	93
35) Caprolactam	11.82	113	23530	38.085	ng	91
36) 4-Chloro-3-methylphenol	12.15	107	74301	43.612	ng	94
37) 2-Methylnaphthalene	12.52	142	154415	47.549	ng	96
38) 1-Methylnaphthalene	12.74	142	145289	46.104	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	93637	40.754	ng	99

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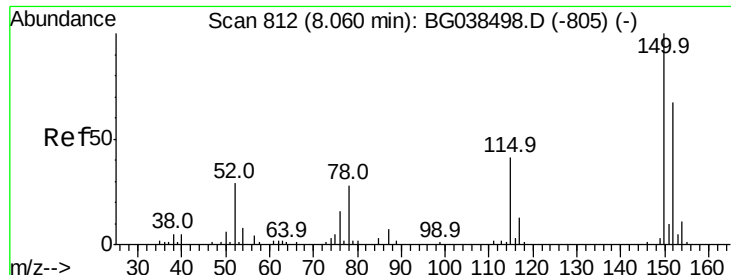
Manual Integrations
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 12/20/2018 1:06:35 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	111230	88.117	nq	94
43) 2,4,6-Trichlorophenol	13.13	196	64005	45.306	nq	100
44) 2,4,5-Trichlorophenol	13.21	196	68509	45.803	nq	95
46) 1,1'-Biphenyl	13.53	154	198656	38.552	nq	99
47) 2-Chloronaphthalene	13.58	162	165080	41.474	nq	98
48) 2-Nitroaniline	13.79	65	51665	40.750	nq	92
49) Acenaphthylene	14.42	152	265588	44.633	nq	98
50) Dimethylphthalate	14.15	163	211855	42.206	nq	98
51) 2,6-Dinitrotoluene	14.27	165	48037	42.229	nq	95
52) Acenaphthene	14.76	154	151401	42.550	nq	97
53) 3-Nitroaniline	14.61	138	36628	31.587	nq	89
54) 2,4-Dinitrophenol	14.82	184	46855	69.925	nq	99
55) Dibenzofuran	15.09	168	259248	42.505	nq	97
56) 4-Nitrophenol	14.91	139	72758	82.709	nq	95
57) 2,4-Dinitrotoluene	15.06	165	69591	43.436	nq	94
58) Fluorene	15.74	166	207932	46.015	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.31	232	64556	47.972	nq	99
60) Diethylphthalate	15.50	149	215204	39.054	nq	99
61) 4-Chlorophenyl-phenylether	15.73	204	117622	41.718	nq	97
62) 4-Nitroaniline	15.78	138	53153	44.524	nq	95
63) Azobenzene	16.02	77	184120	39.997	nq	98
65) 4,6-Dinitro-2-methylphenol	15.82	198	43188	37.965	nq	91
66) n-Nitrosodiphenylamine	15.95	169	190101	40.572	nq	97
67) 4-Bromophenyl-phenylether	16.62	248	80341	41.252	nq	97
68) Hexachlorobenzene	16.74	284	82219	40.725	nq	99
69) Atrazine	16.89	200	78749	45.287	nq	99
70) Pentachlorophenol	17.09	266	89012	74.540	nq	99
71) Phenanthrene	17.48	178	363474	43.953	nq	100
72) Anthracene	17.58	178	372072	45.576	nq	100
73) Carbazole	17.85	167	329213	40.775	nq	98
74) Di-n-butylphthalate	18.38	149	381048	41.131	nq	99
75) Fluoranthene	19.49	202	459078	44.868	nq	96
77) Benzidine	19.67	184	193606	40.046	nq	99
78) Pyrene	19.86	202	452827	41.930	nq	99
80) Butylbenzylphthalate	20.72	149	173229	41.057	nq	99
81) Benzo(a)anthracene	21.70	228	447183	44.892	nq	99
82) 3,3'-Dichlorobenzidine	21.62	252	117045	29.627	nq	97
83) Chrysene	21.77	228	409543	42.684	nq	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	242388	40.506	nq	99
85) Di-n-octyl phthalate	22.79	149	414579	41.368	nq	98
86) Indeno(1,2,3-cd)pyrene	28.79	276	497970	44.146	nq	# 83
88) Benzo(b)fluoranthene	23.96	252	448350	47.514	nq	99
89) Benzo(k)fluoranthene	24.03	252	428215	45.572	nq	99
90) Benzo(a)pyrene	24.86	252	429205	47.148	nq	# 97
91) Dibenzo(a,h)anthracene	28.86	278	419485	46.280	nq	98
92) Benzo(g,h,i)perylene	29.99	276	414488	46.402	nq	97

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



#1

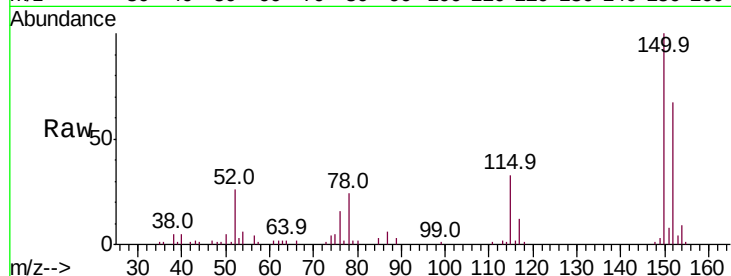
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG038730.D
Acq: 19 Dec 2018 17:05

Instrument :
BNA_G
ClientSampleId :
PB115831BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.1	119.5	179.3
115	48.9	49.6	74.4

Manual Integrations
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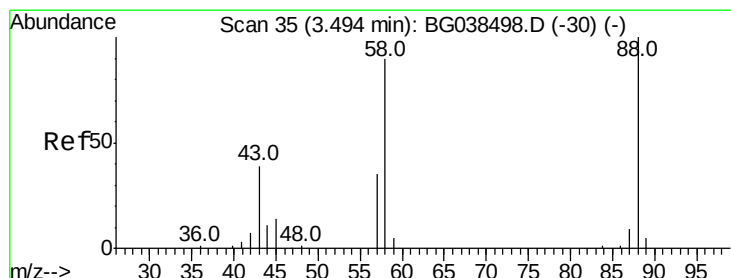
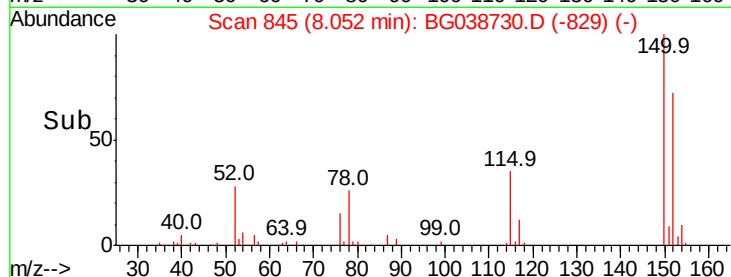
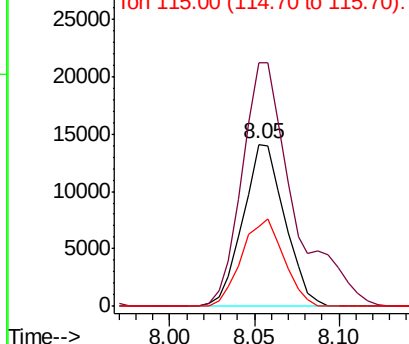


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

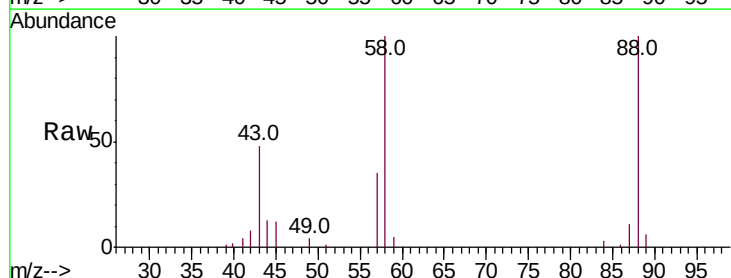
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 33.081 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.01 min
Lab File: BG038730.D
Acq: 19 Dec 2018 17:05

Tgt Ion	Ratio	Lower	Upper
88	100		
58	99.1	75.7	113.5
43	45.4	31.6	47.4

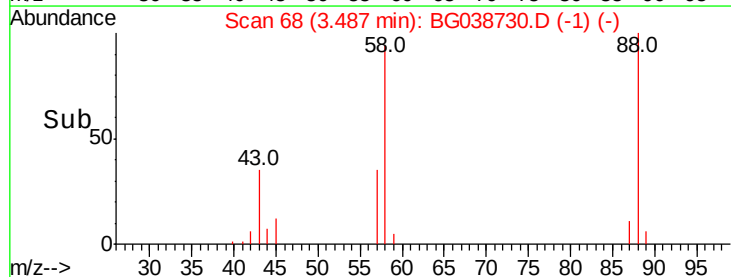
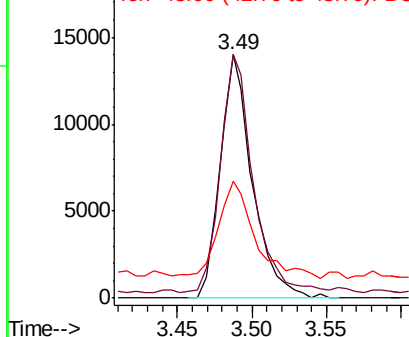


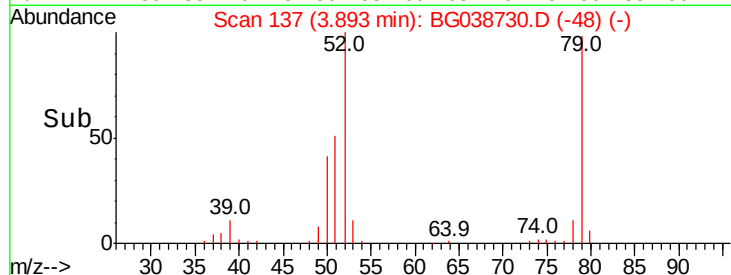
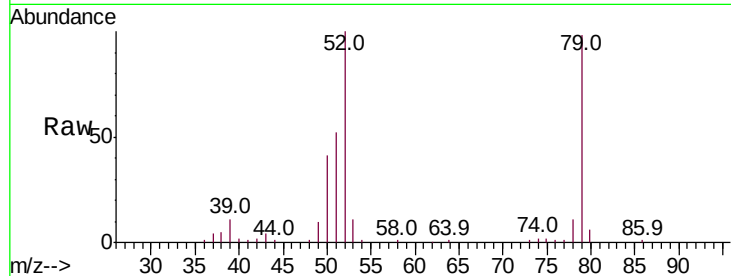
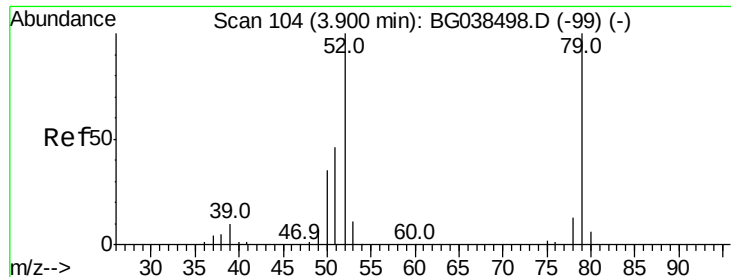
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





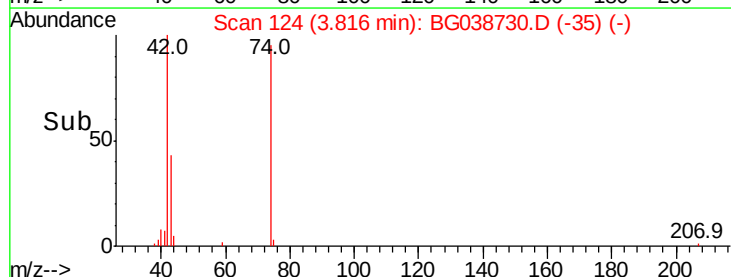
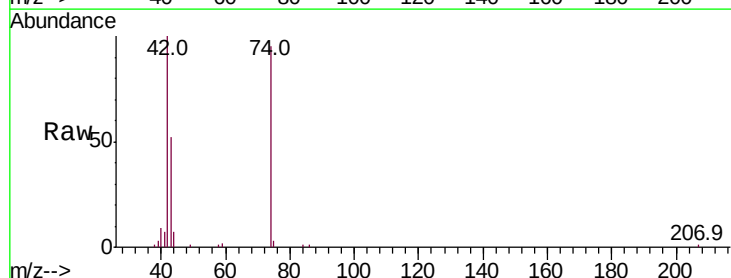
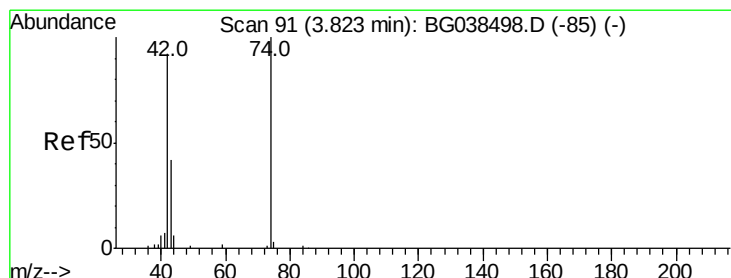
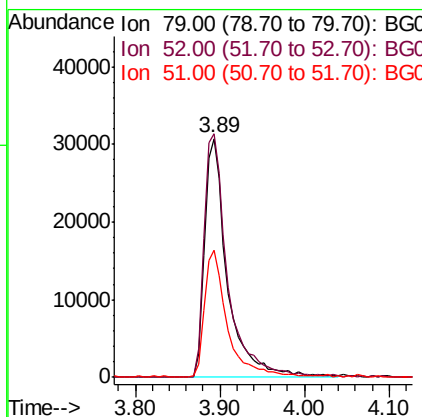
#3
Pvridine
Concen: 33.122 ng
RT: 3.89 min Scan# 137
Delta R.T. -0.01 min
Lab File: BG038730.D
Acq: 19 Dec 2018 17:05

Tot Ion: 79 Resp: 58155
Ion Ratio Lower Upper
79 100
52 102.1 80.2 120.2
51 53.1 38.0 57.0

Instrument :
BNA_G
ClientSampleId :
PB115831BS

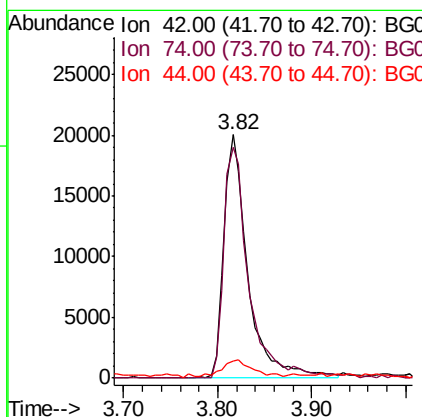
Manual Integrations
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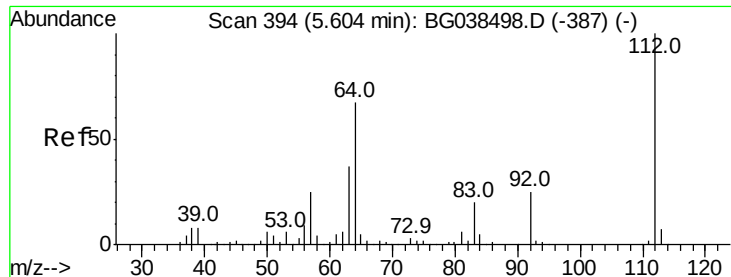
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#4
n-Nitrosodimethylamine
Concen: 41.484 ng
RT: 3.82 min Scan# 124
Delta R.T. -0.01 min
Lab File: BG038730.D
Acq: 19 Dec 2018 17:05

Tgt Ion: 42 Resp: 35689
Ion Ratio Lower Upper
42 100
74 94.7 86.7 130.1
44 7.2 7.8 11.8#





#5

2-Fluorophenol

Concen: 136.680 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.01 min

Lab File: BG038730.D

Acq: 19 Dec 2018 17:05

Instrument :

BNA_G

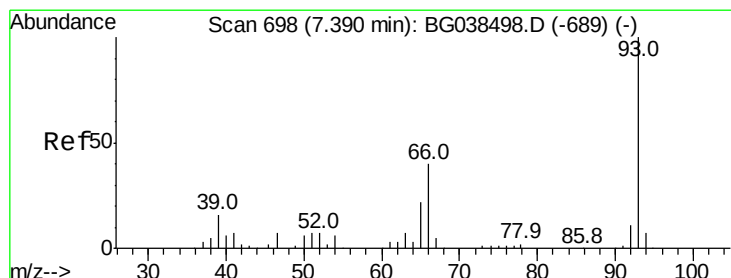
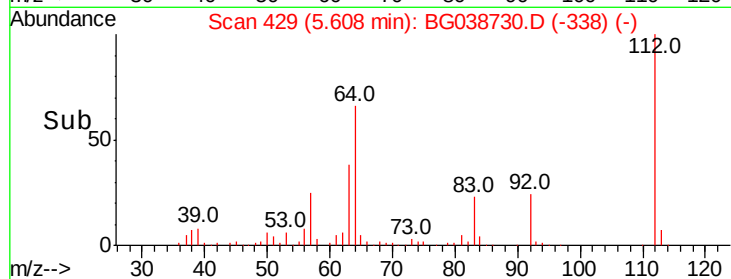
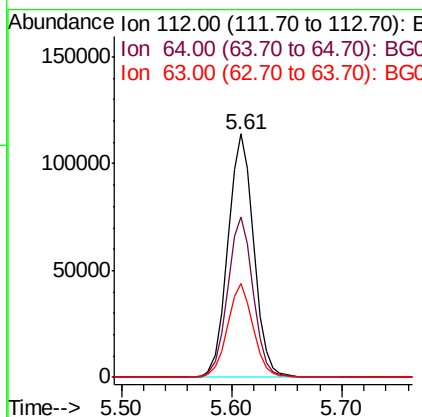
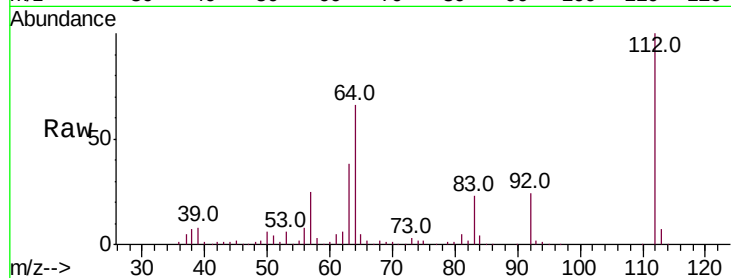
ClientSampleId :

PB115831BS

Tot Ion:	112	Resp:	187282
Ion Ratio	Lower	Upper	
112	100		
64	65.8	53.4	80.2
63	38.5	29.3	43.9

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#6

Aniline

Concen: 28.450 ng

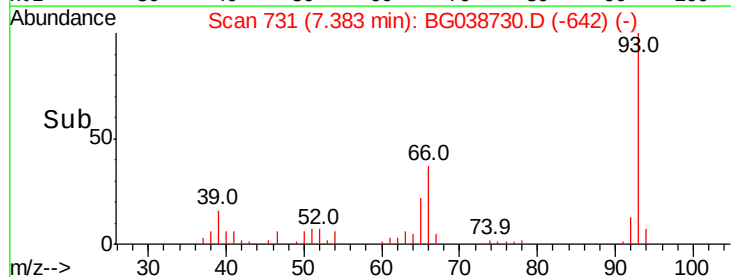
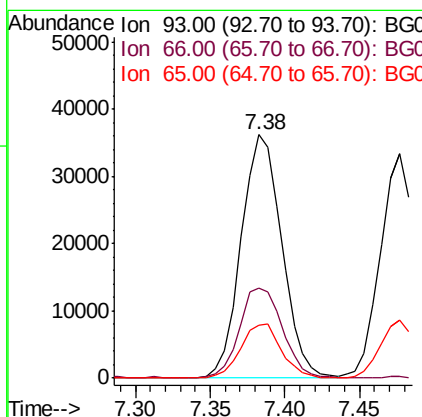
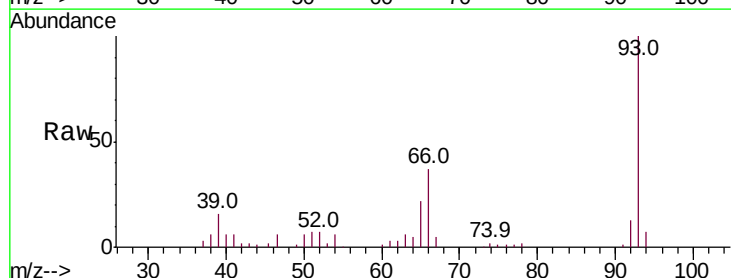
RT: 7.38 min Scan# 731

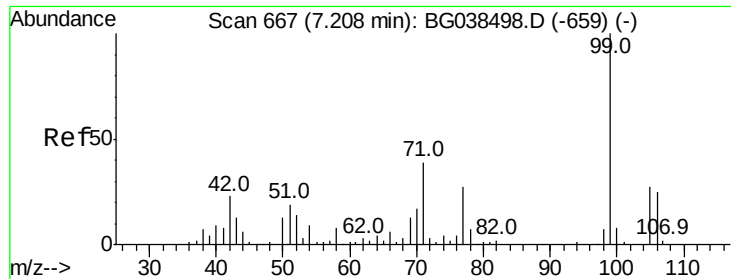
Delta R.T. -0.01 min

Lab File: BG038730.D

Acq: 19 Dec 2018 17:05

Tgt Ion:	93	Resp:	68317
Ion Ratio	Lower	Upper	
93	100		
66	36.9	31.7	47.5
65	21.6	17.8	26.6





#7

Phenol-d6

Concen: 132.139 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038730.D

Acq: 19 Dec 2018 17:05

Instrument :

BNA_G

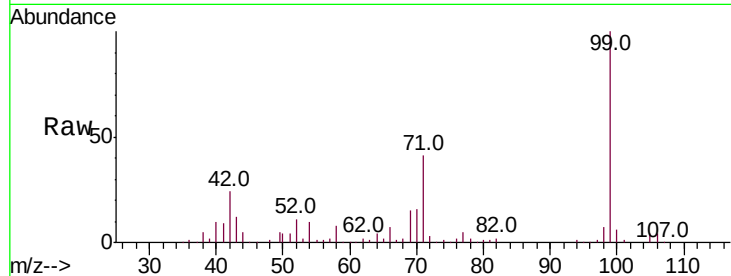
ClientSampleId :

PB115831BS

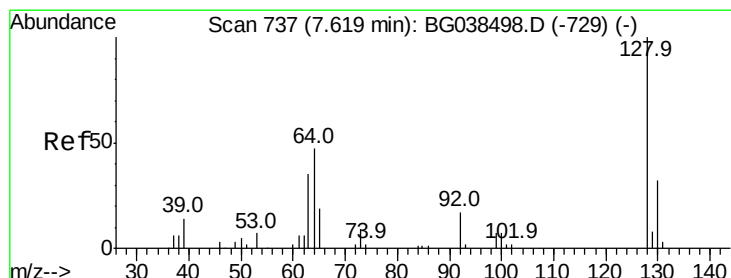
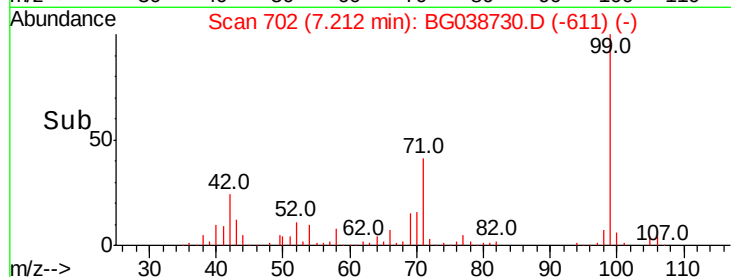
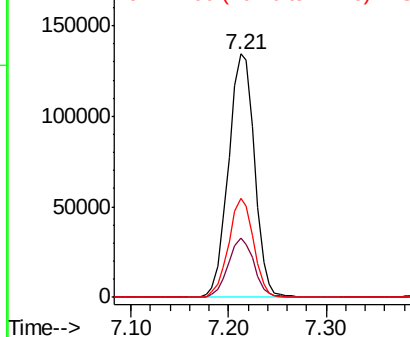
Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		248561		
42	24.3	18.5	27.7		
71	40.6	31.1	46.7		

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



#8

2-Chlorophenol

Concen: 42.081 ng

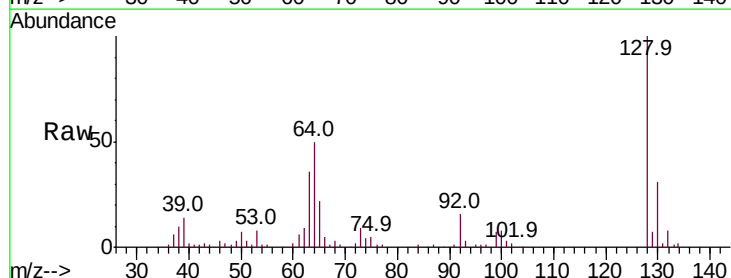
RT: 7.62 min Scan# 771

Delta R.T. -0.00 min

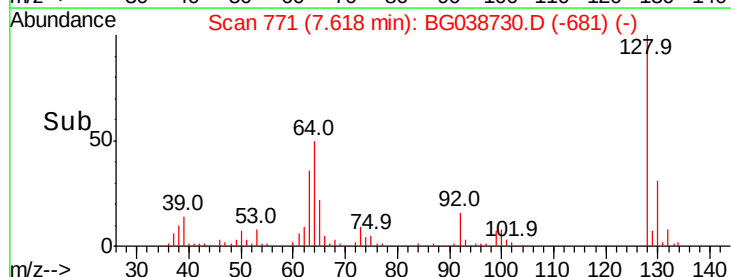
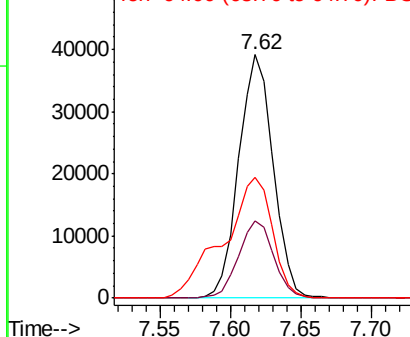
Lab File: BG038730.D

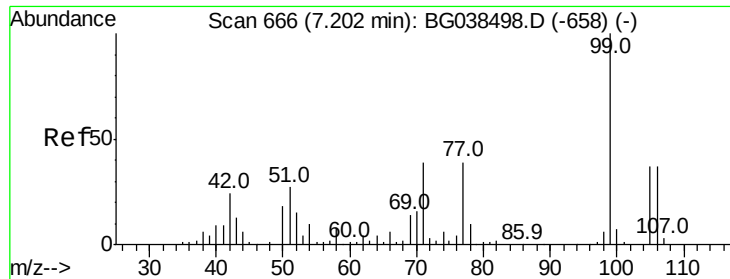
Acq: 19 Dec 2018 17:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		66727		
130	31.5	11.8	51.8		
64	49.5	33.2	73.2		



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





#9

Benzaldehyde

Concen: 17.290 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG038730.D

Acq: 19 Dec 2018 17:05

Instrument :

BNA_G

ClientSampleId :

PB115831BS

Tot Ion: 77 Resp: 21099

Ion Ratio Lower Upper

77 100

105 95.7 74.0 114.0

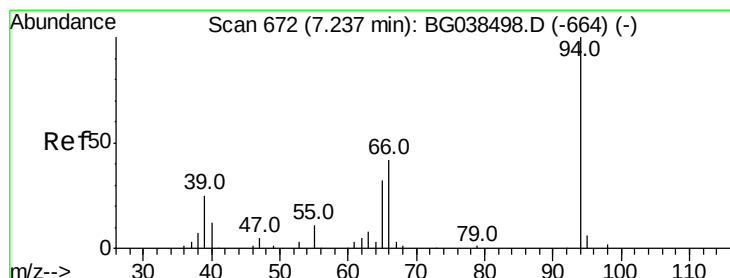
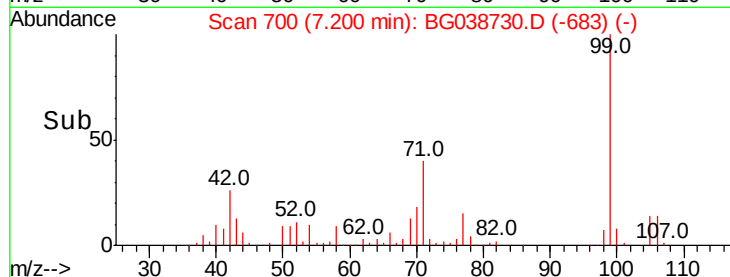
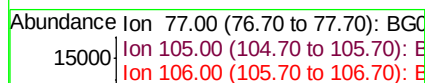
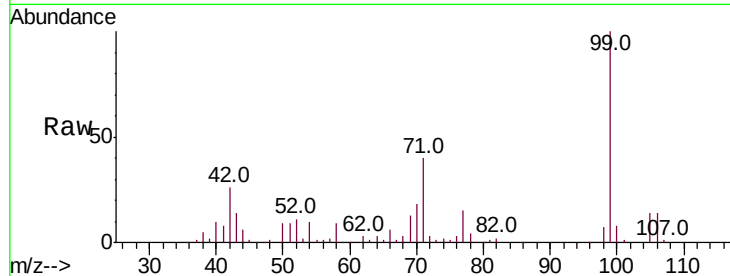
106 93.6 73.9 113.9

Manual Integrations

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#10

Phenol

Concen: 42.405 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG038730.D

Acq: 19 Dec 2018 17:05

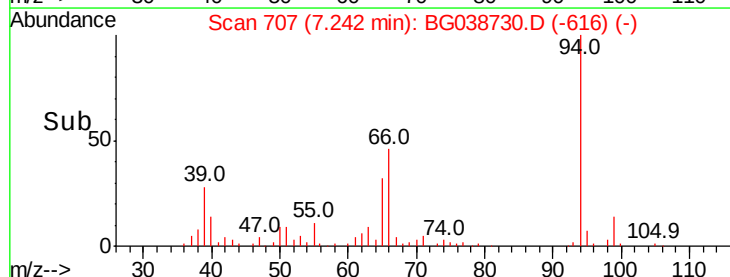
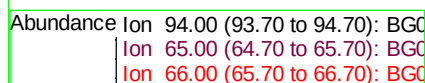
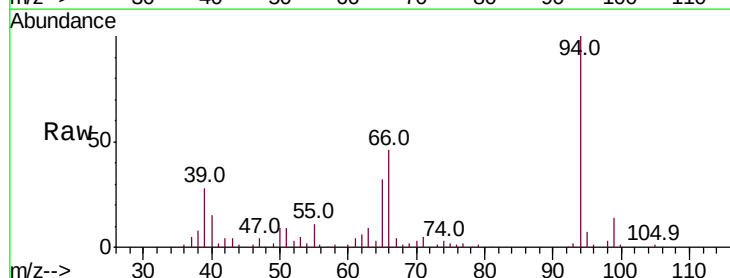
Tgt Ion: 94 Resp: 84743

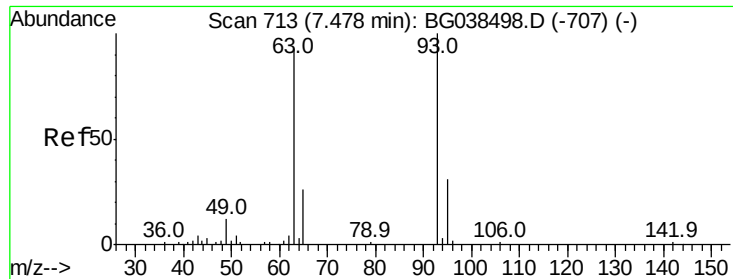
Ion Ratio Lower Upper

94 100

65 31.7 12.6 52.6

66 46.2 24.1 64.1





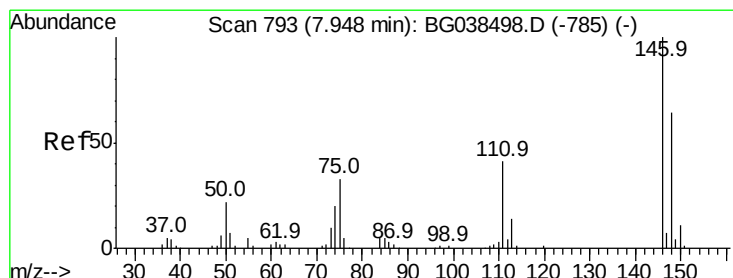
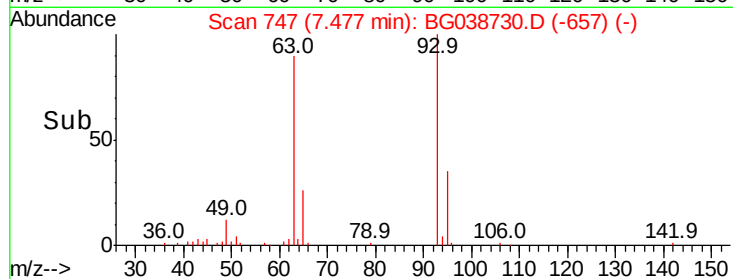
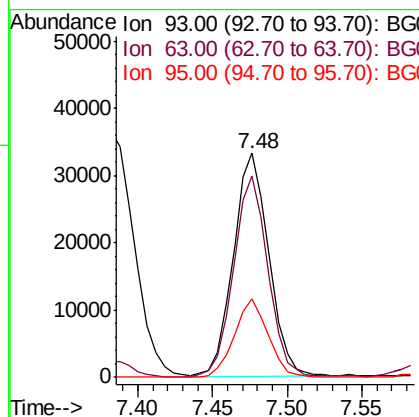
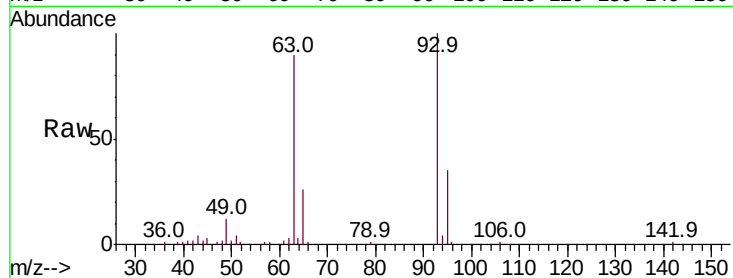
#11
bis(2-Chloroethyl)ether
Concen: 34.450 ng
RT: 7.48 min Scan# 747
Delta R.T. -0.00 min
Lab File: BG038730.D
Acq: 19 Dec 2018 17:05

Instrument :
BNA_G
ClientSampleId :
PB115831BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	89.7	72.2	112.2
95	35.0	11.2	51.2

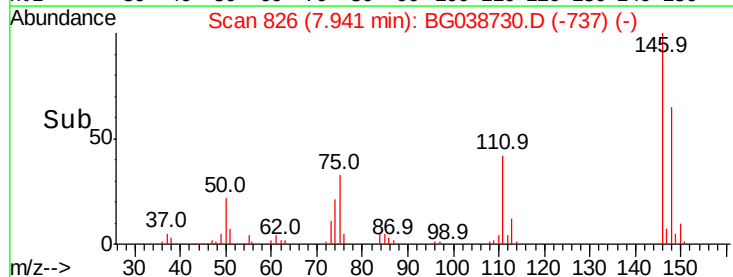
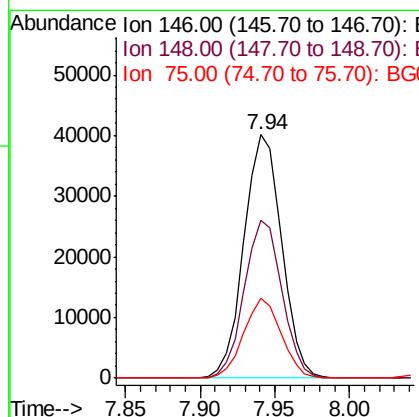
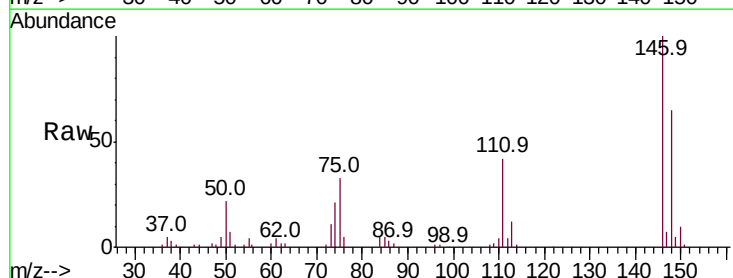
Manual Integrations
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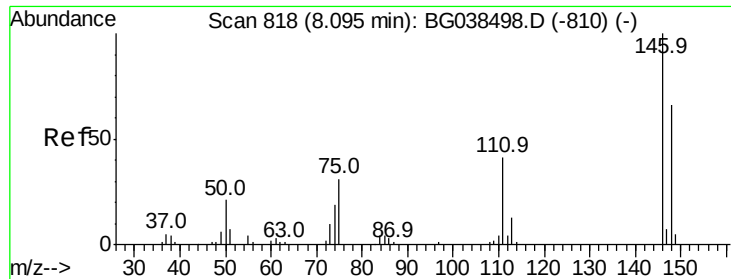
Sohil
12/20/2018 1:06:35 PM



#12
1,3-Dichlorobenzene
Concen: 37.478 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG038730.D
Acq: 19 Dec 2018 17:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.4	77.0
75	32.6	26.1	39.1





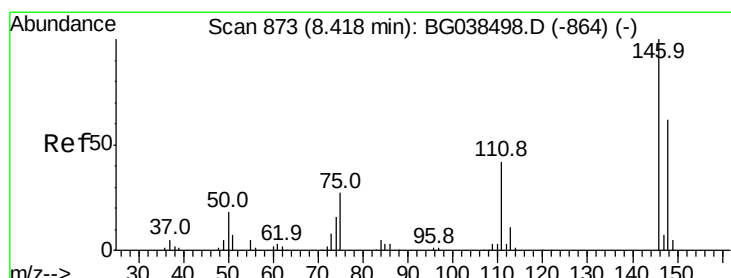
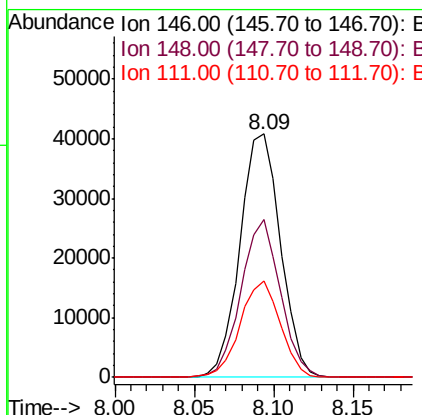
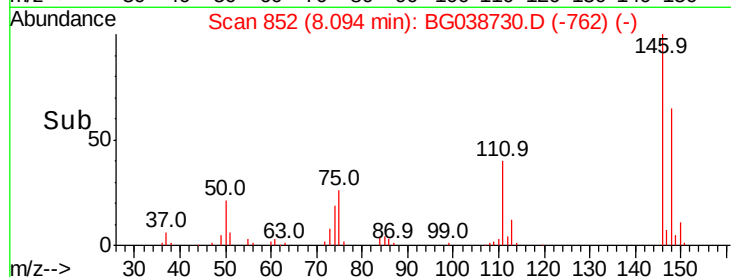
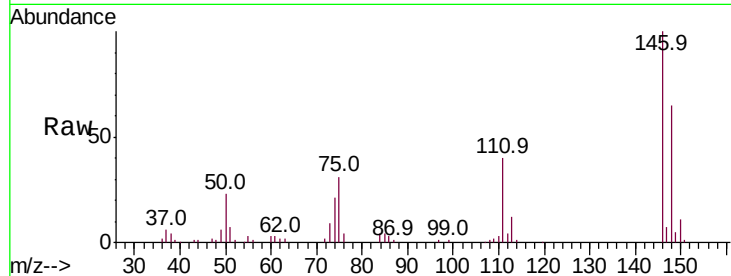
#13
 1,4-Dichlorobenzene
 Concen: 37.764 ng
 RT: 8.09 min Scan# 852
 Delta R.T. -0.00 min
 Lab File: BG038730.D
 Acq: 19 Dec 2018 17:05

Instrument :
 BNA_G
 ClientSampleID :
 PB115831BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	52.4	78.6
111	39.6	33.0	49.4

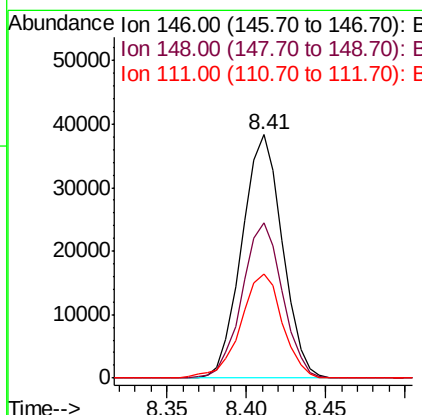
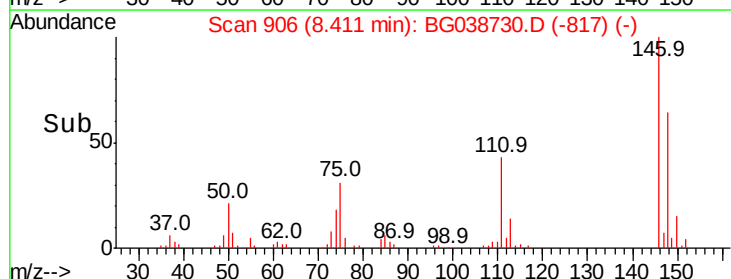
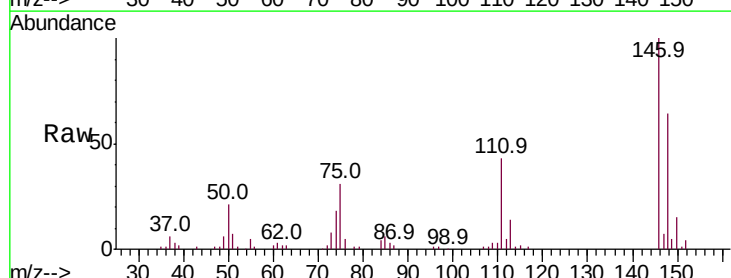
Manual Integrations
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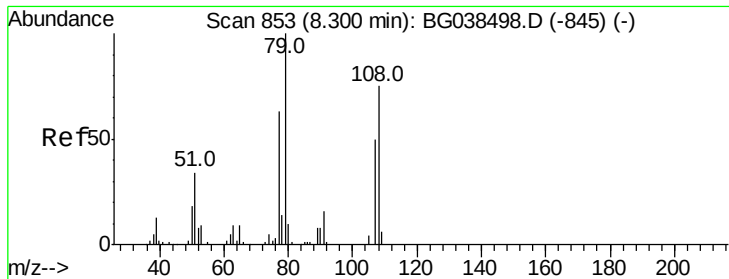
Sohil
 12/20/2018 1:06:35 PM



#14
 1,2-Dichlorobenzene
 Concen: 37.599 ng
 RT: 8.41 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BG038730.D
 Acq: 19 Dec 2018 17:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	49.4	74.0
111	42.7	33.8	50.6





#15

Benzyl Alcohol

Concen: 40.026 ng

RT: 8.30 min Scan# 887

Delta R.T. -0.00 min

Lab File: BG038730.D

Acq: 19 Dec 2018 17:05

Instrument :

BNA_G

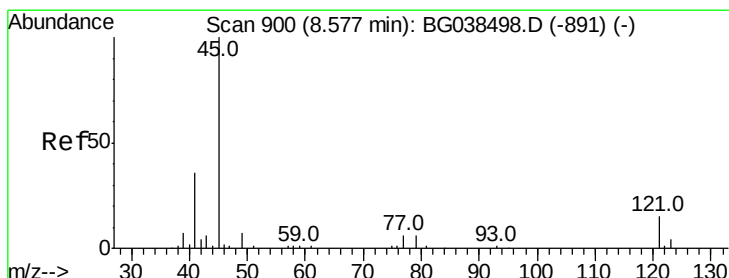
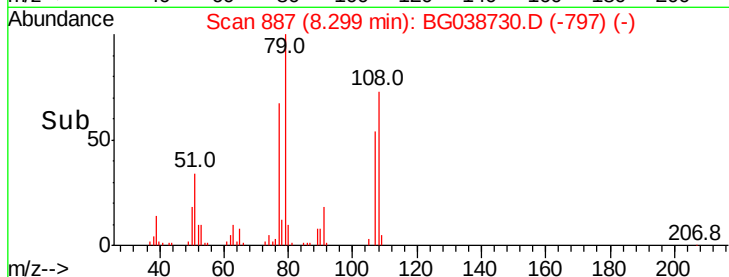
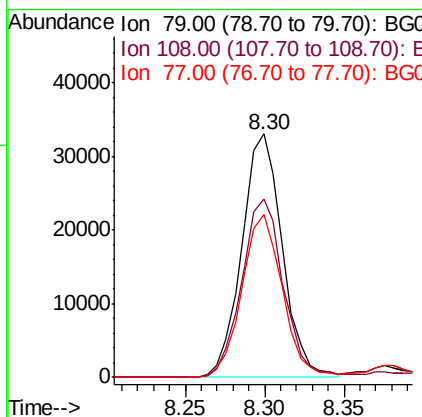
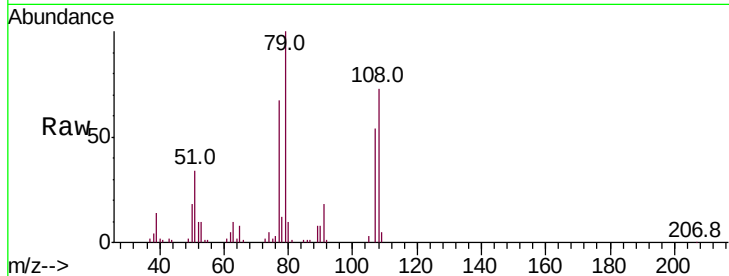
ClientSampleId :

PB115831BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	73.0	60.2	90.4
77	66.8	50.7	76.1

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 32.910 ng

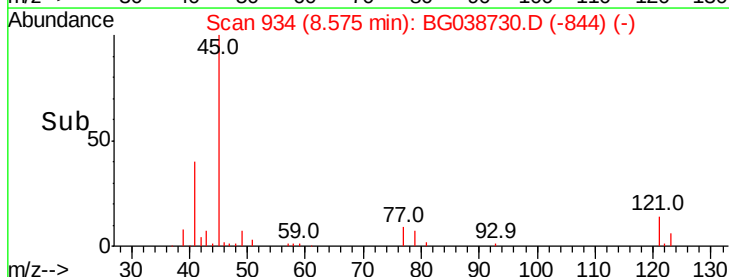
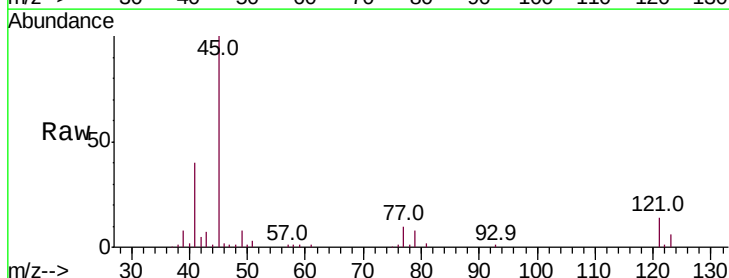
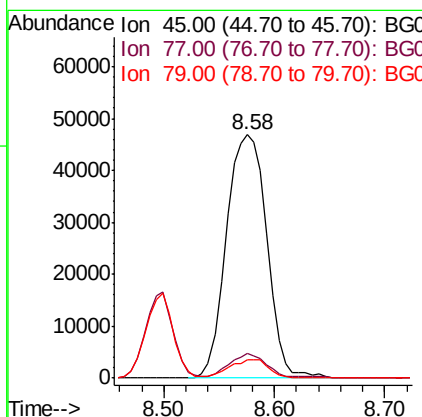
RT: 8.58 min Scan# 934

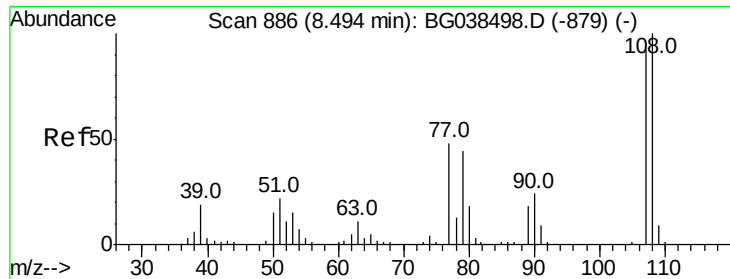
Delta R.T. -0.00 min

Lab File: BG038730.D

Acq: 19 Dec 2018 17:05

Tgt Ion	Ratio	Lower	Upper
45	100		
77	10.0	0.0	28.2
79	7.6	0.0	27.2





#17

2-Methylphenol

Concen: 42.264 ng

RT: 8.50 min Scan# 921

Delta R.T. 0.00 min

Lab File: BG038730.D

Acq: 19 Dec 2018 17:05

Instrument :

BNA_G

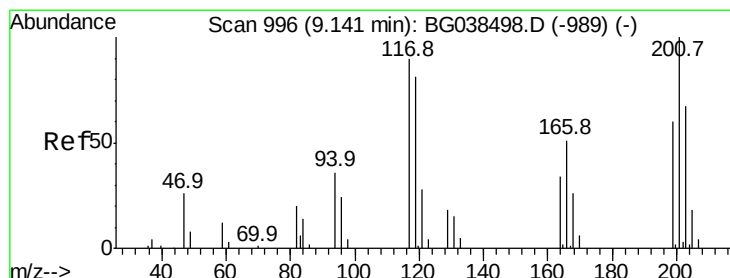
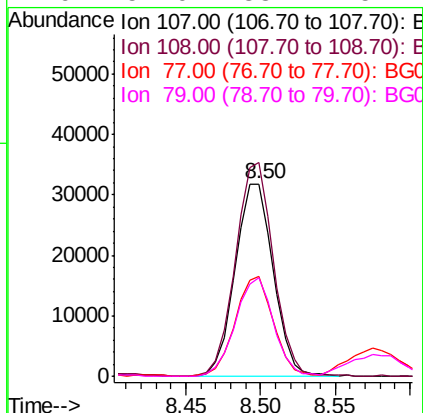
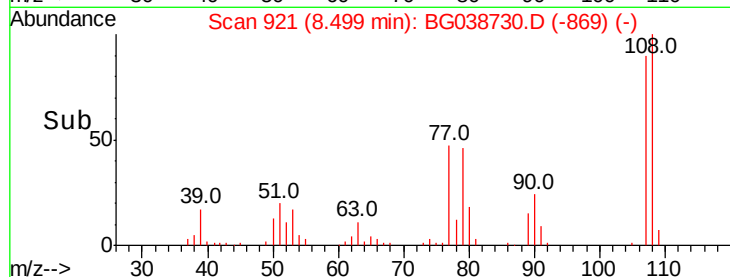
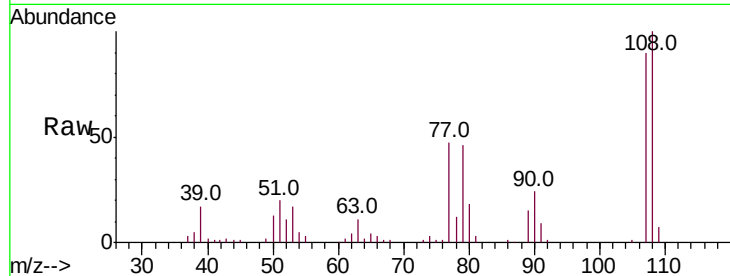
ClientSampled :

PB115831BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.9	87.1	130.7	
77	51.8	42.0	63.0	
79	51.0	38.2	57.2	

Manual Integrations
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#18

Hexachloroethane

Concen: 35.934 ng

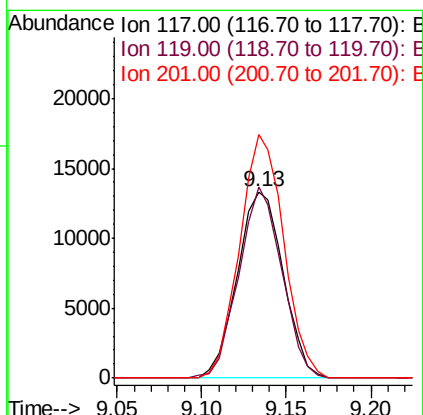
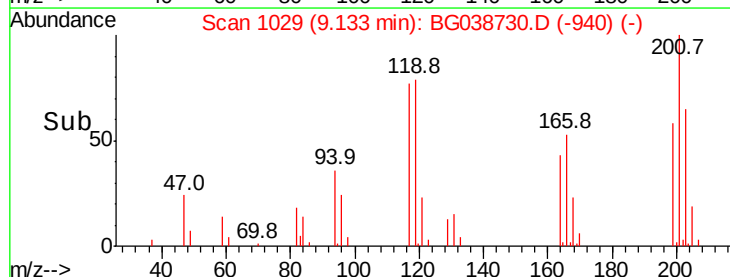
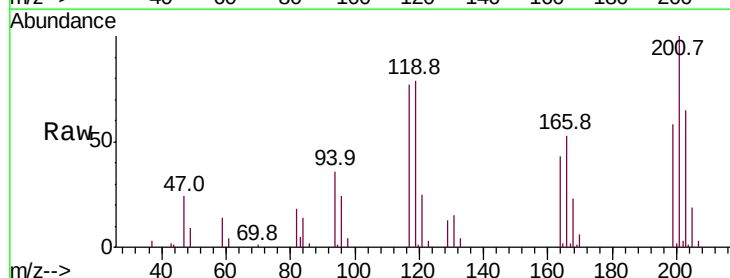
RT: 9.13 min Scan# 1029

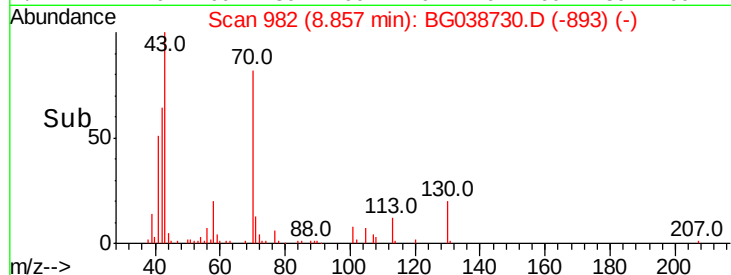
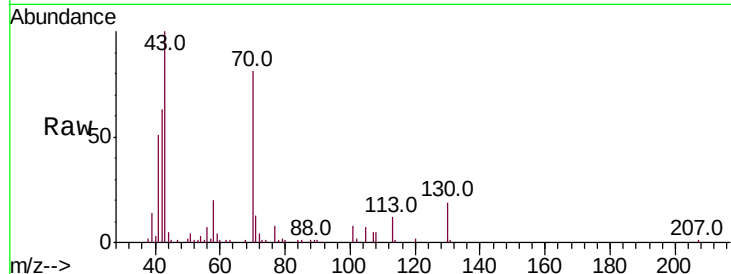
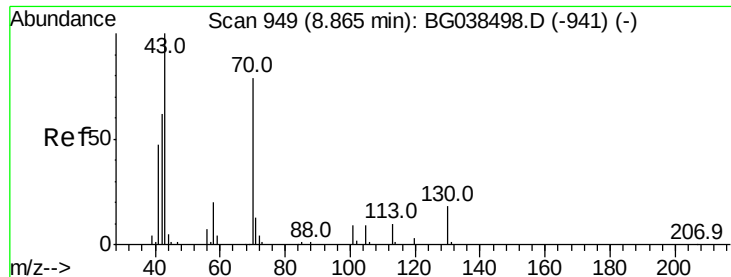
Delta R.T. -0.01 min

Lab File: BG038730.D

Acq: 19 Dec 2018 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	102.4	73.8	110.8	
201	130.5	89.4	134.0	





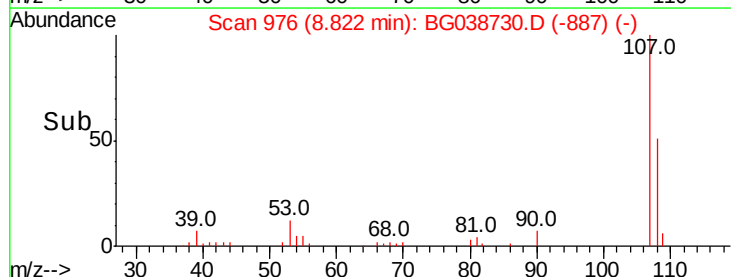
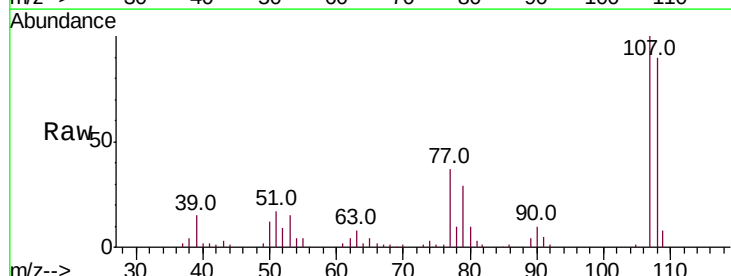
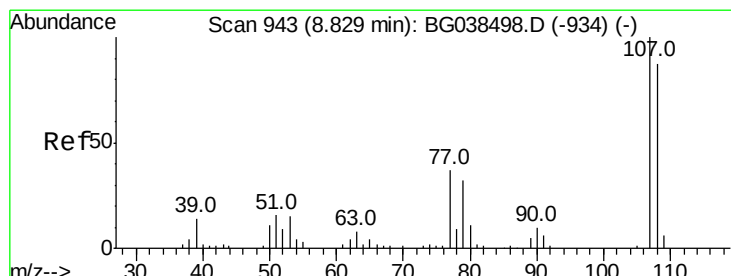
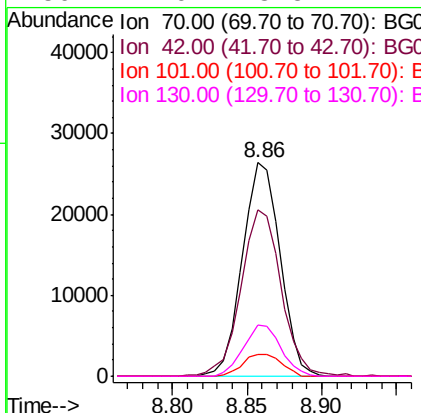
#19
n-Nitroso-di-n-propylamine
Concen: 34.878 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.01 min
Lab File: BG038730.D
Acq: 19 Dec 2018 17:05

Instrument :
BNA_G
ClientSampleId :
PB115831BS

Manual Integrations
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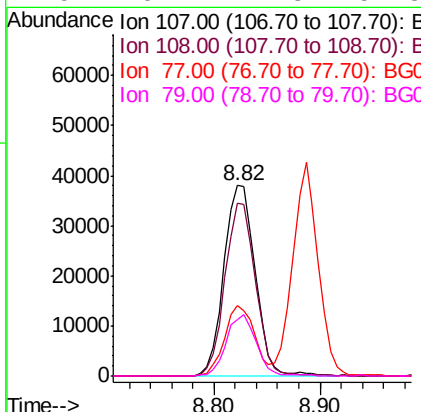
Sohil
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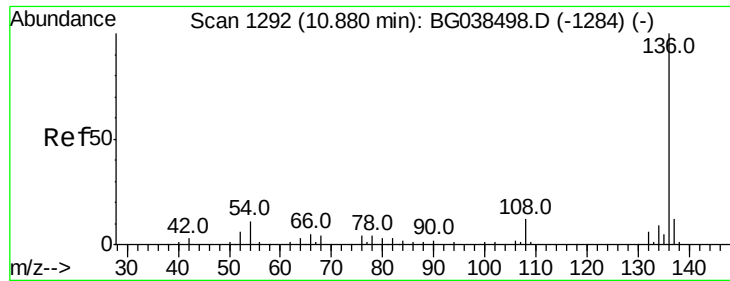
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	78.1	63.6	95.4	
101	10.3	9.2	13.8	
130	24.0	18.5	27.7	



#20
3+4-Methylphenols
Concen: 42.100 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG038730.D
Acq: 19 Dec 2018 17:05

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.4	66.7	106.7	
77	36.8	17.3	57.3	
79	29.4	12.3	52.3	





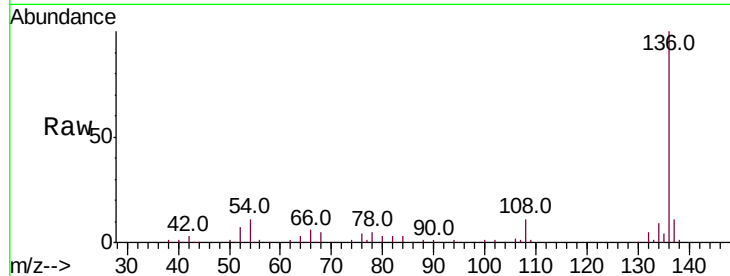
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG038730.D
Acq: 19 Dec 2018 17:05

Instrument :
BNA_G
ClientSampleId :
PB115831BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.4	9.3	13.9	
54	10.8	8.5	12.7	
68	5.3	3.5	5.3	

Manual Integrations
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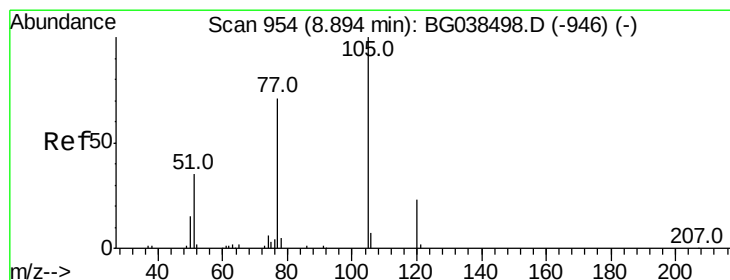
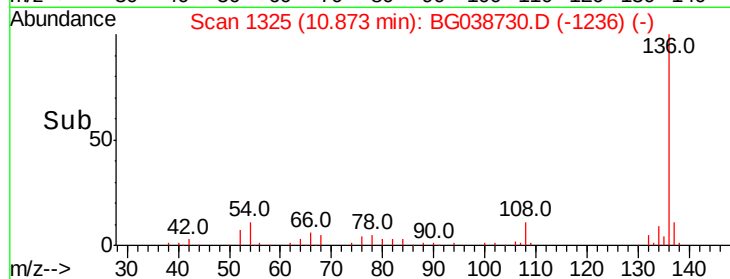
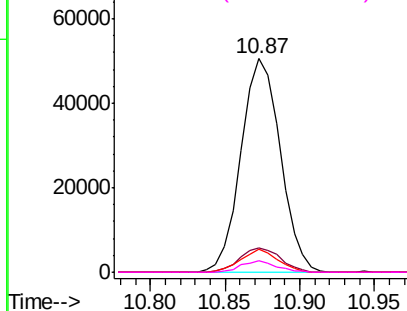
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 40.389 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BG038730.D
Acq: 19 Dec 2018 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.0	0.4	0.6#	
51	38.3	30.6	46.0	
120	22.5	18.6	28.0	

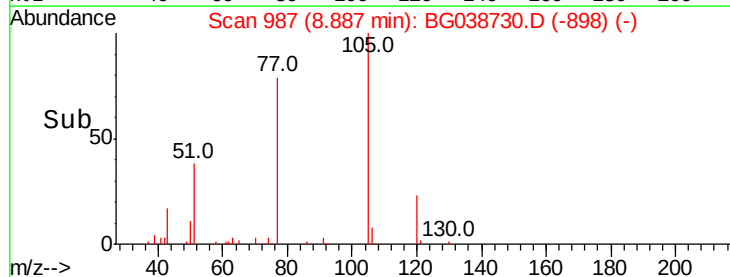
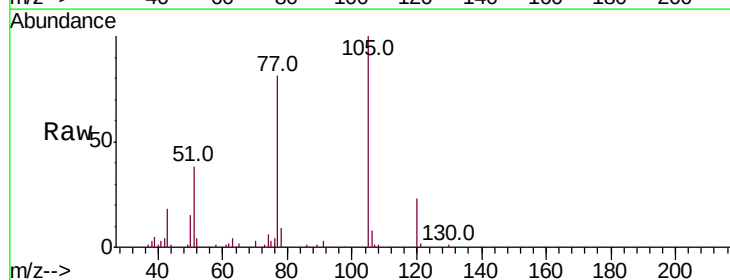
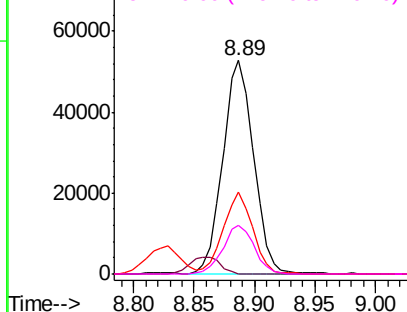
Abundance

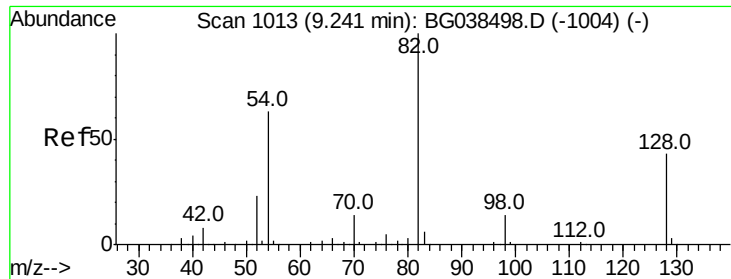
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





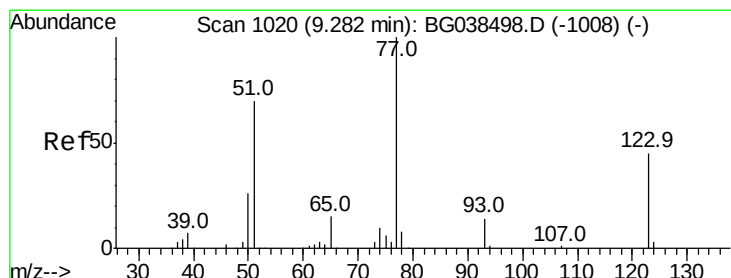
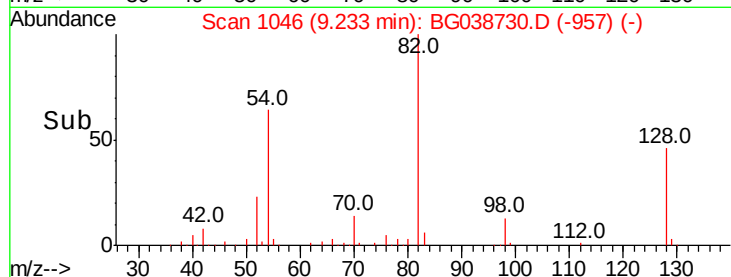
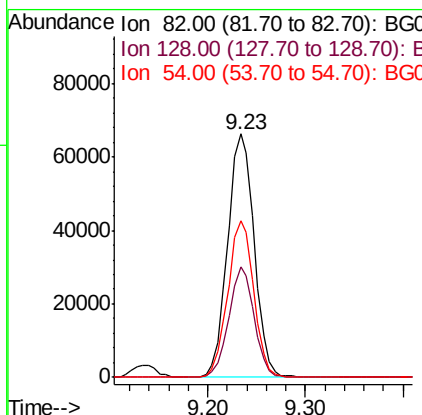
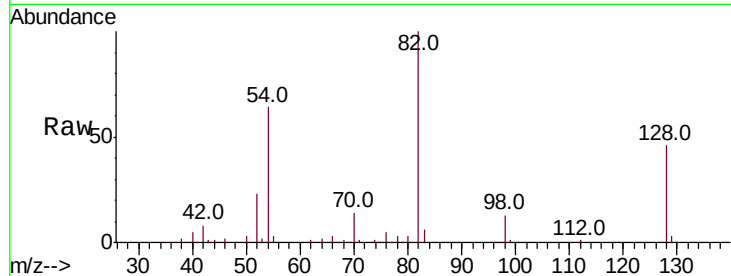
#23
Nitrobenzene-d5
Concen: 68.884 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038730.D
Acq: 19 Dec 2018 17:05

Instrument :
BNA_G
ClientSampleId :
PB115831BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.6	34.6	52.0
54	64.2	50.6	76.0

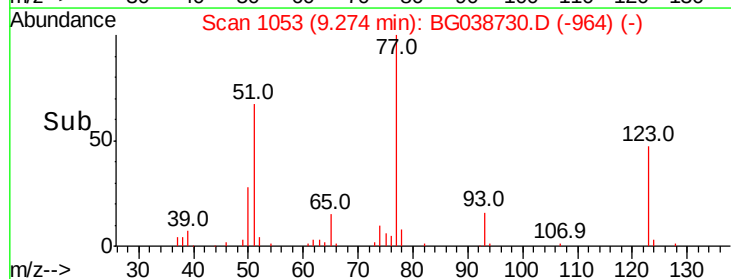
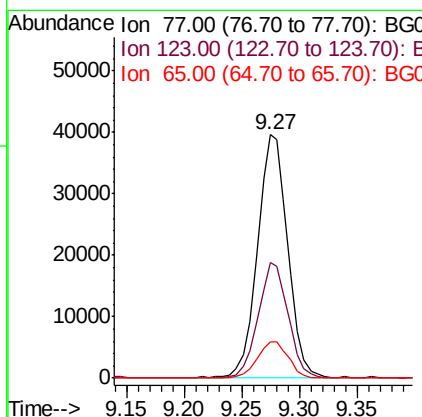
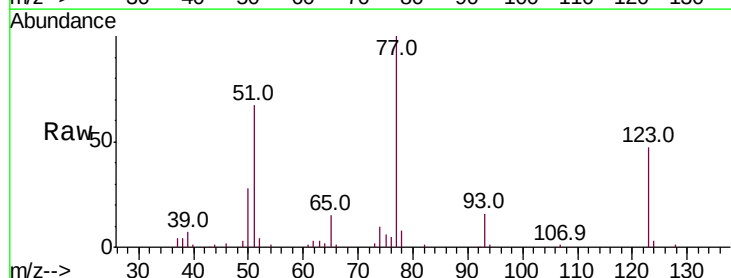
Manual Integrations
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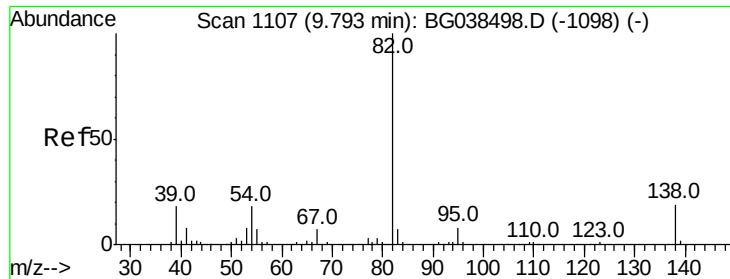
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#24
Nitrobenzene
Concen: 39.432 ng
RT: 9.27 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BG038730.D
Acq: 19 Dec 2018 17:05

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.5	35.9	53.9
65	14.9	12.0	18.0





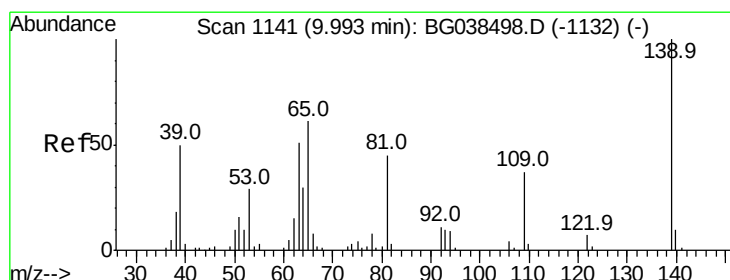
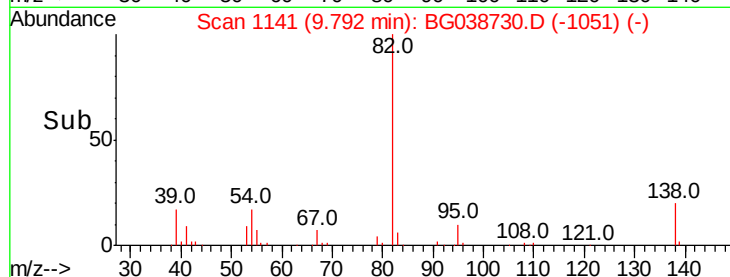
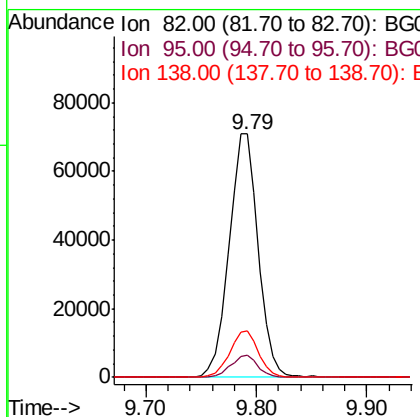
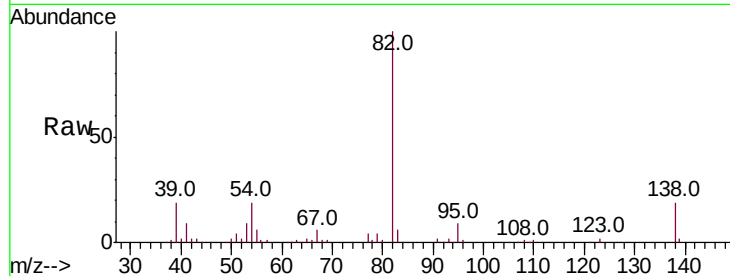
#25
Isophorone
Concen: 40.250 ng
RT: 9.79 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BG038730.D
Acq: 19 Dec 2018 17:05

Instrument :
BNA_G
ClientSampleId :
PB115831BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	9.0	6.1	9.1	
138	19.0	14.9	22.3	

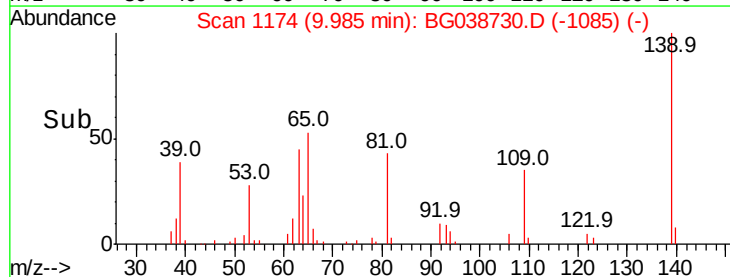
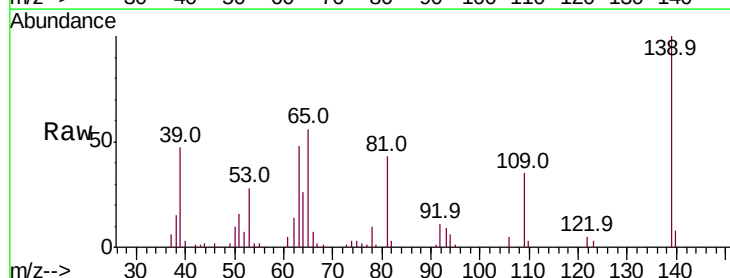
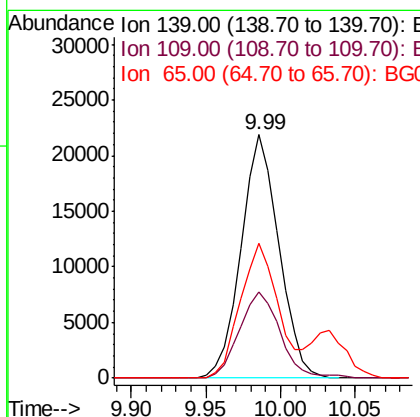
Manual Integrations
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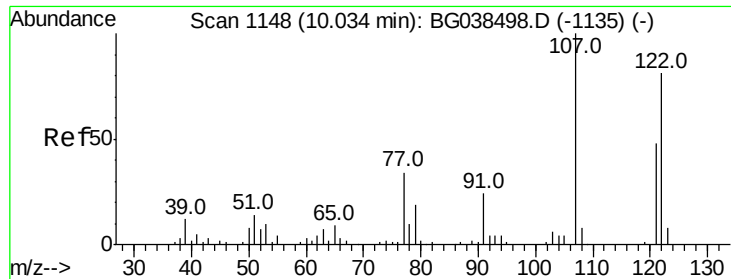
Sohil
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#26
2-Nitrophenol
Concen: 40.910 ng
RT: 9.99 min Scan# 1174
Delta R.T. -0.01 min
Lab File: BG038730.D
Acq: 19 Dec 2018 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	35.2	29.5	44.3	
65	55.6	48.5	72.7	





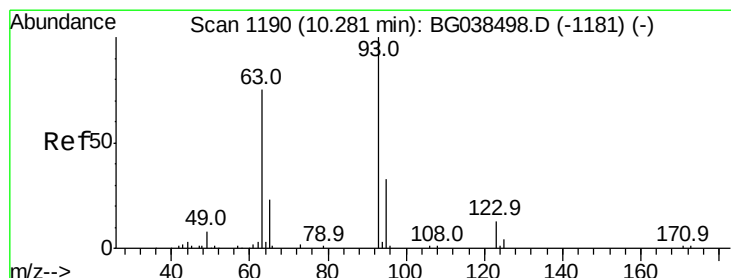
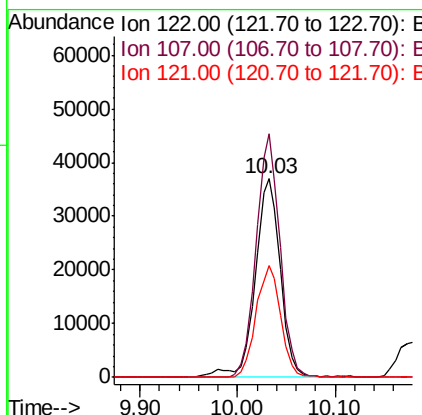
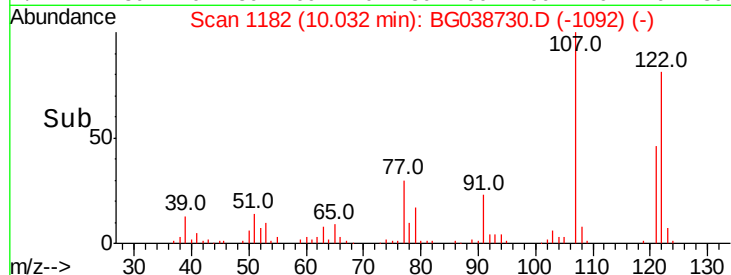
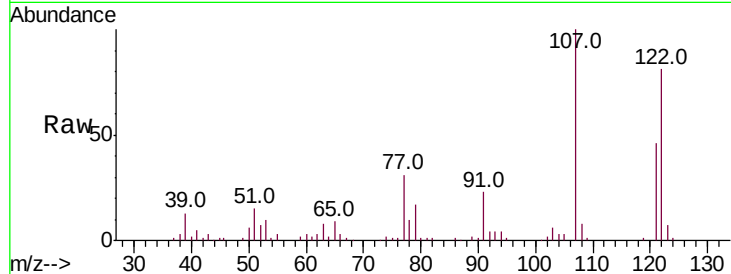
#27
 2,4-Dimethylphenol
 Concen: 49.855 ng
 RT: 10.03 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BG038730.D
 Acq: 19 Dec 2018 17:05

Instrument :
 BNA_G
 ClientSampleId :
 PB115831BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	122.7	98.4	147.6
121	56.4	47.2	70.8

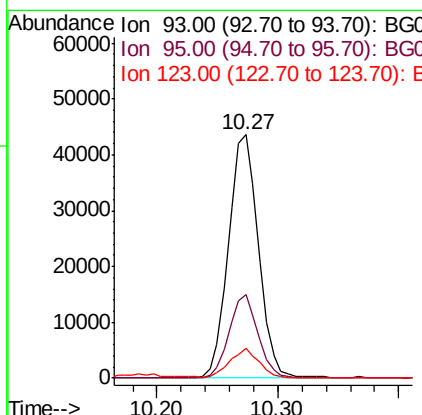
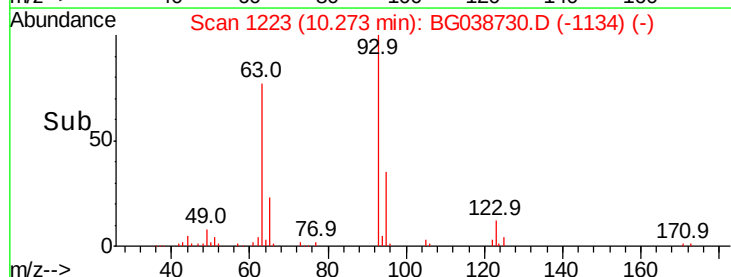
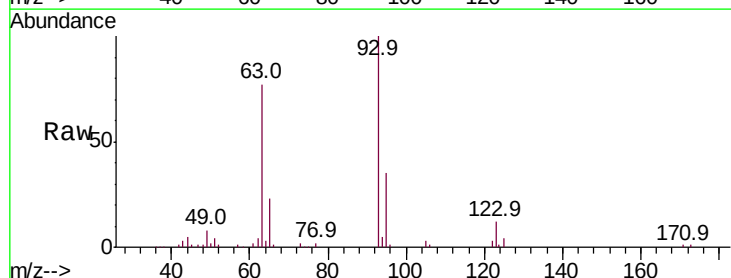
Manual Integrations
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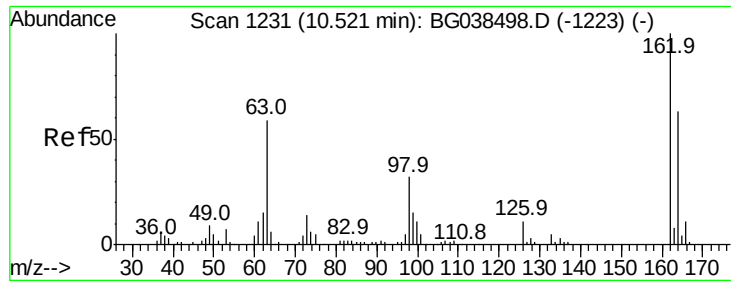
Sohil
 12/20/2018 1:06:35 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.047 ng
 RT: 10.27 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BG038730.D
 Acq: 19 Dec 2018 17:05

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.6	26.6	40.0
123	12.1	10.6	16.0





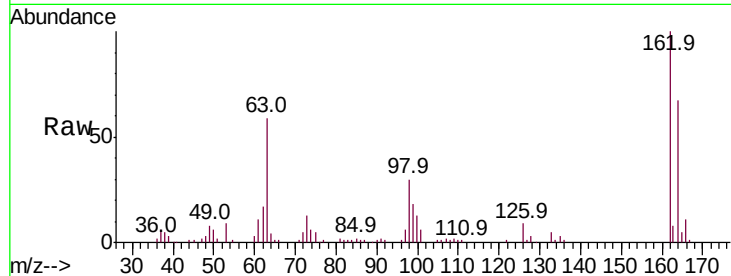
#29
2,4-Dichlorophenol
Concen: 47.866 ng
RT: 10.52 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BG038730.D
Acq: 19 Dec 2018 17:05

Instrument :
BNA_G
ClientSampleId :
PB115831BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	67.3	42.9	82.9
98	30.5	12.1	52.1

Manual Integrations
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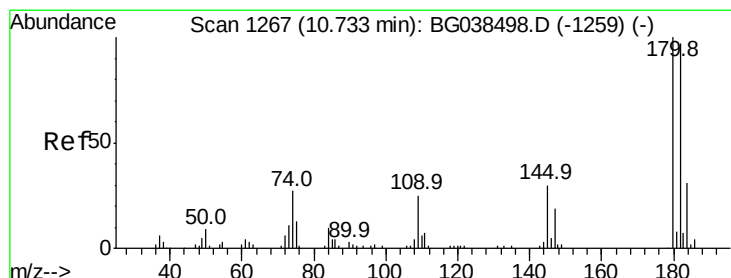
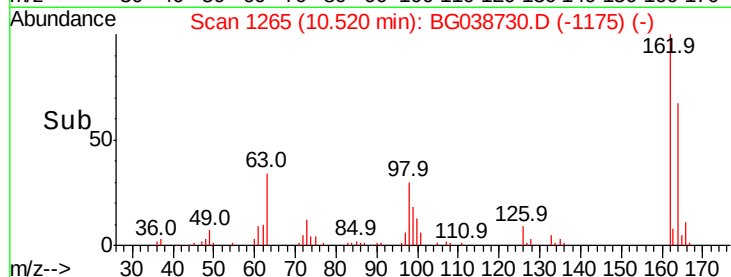
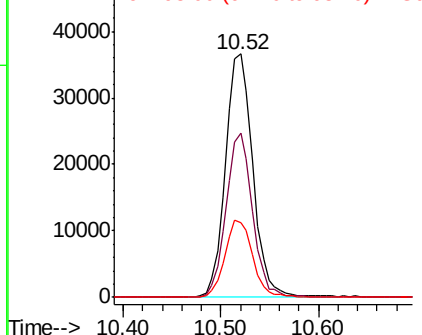


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
1,2,4-Trichlorobenzene
Concen: 42.272 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BG038730.D
Acq: 19 Dec 2018 17:05

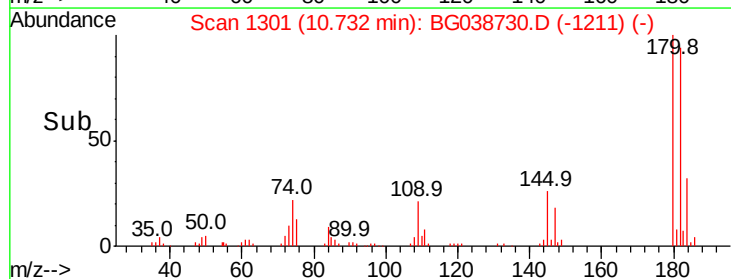
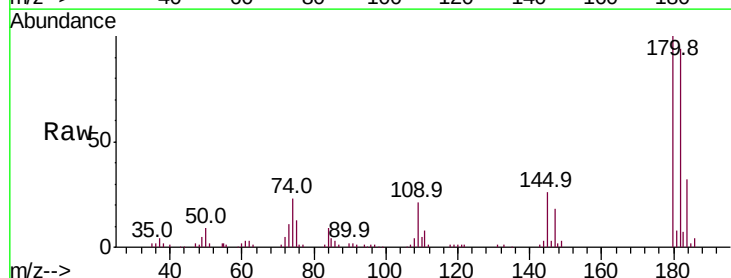
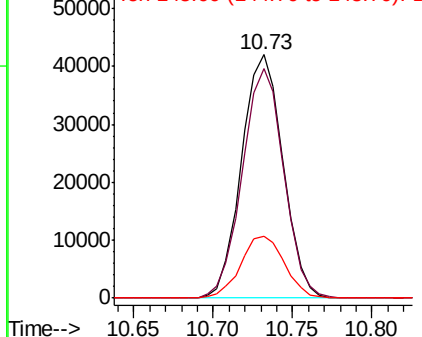
Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	77.4	116.0
145	25.7	24.1	36.1

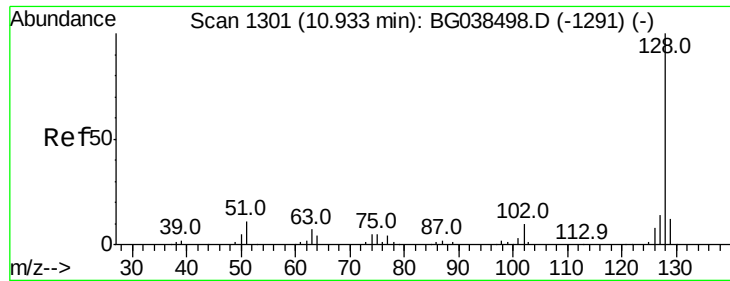
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





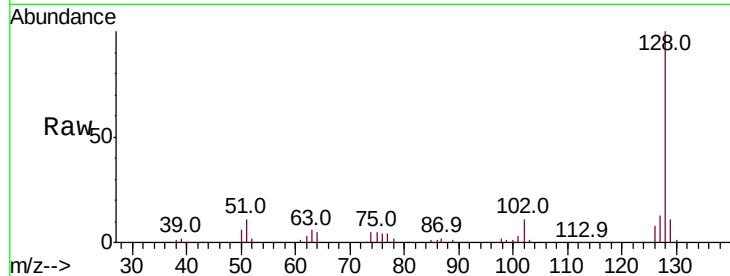
#31
Naphthalene
Concen: 44.739 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG038730.D
Acq: 19 Dec 2018 17:05

Instrument :
BNA_G
ClientSampleID :
PB115831BS

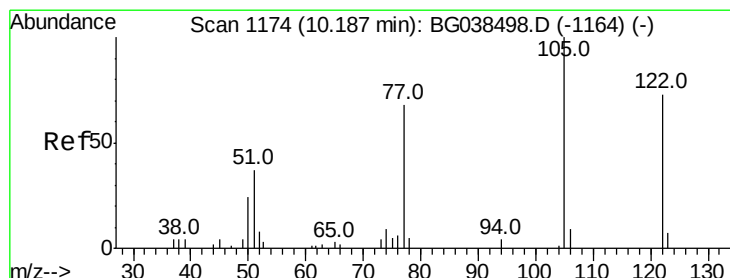
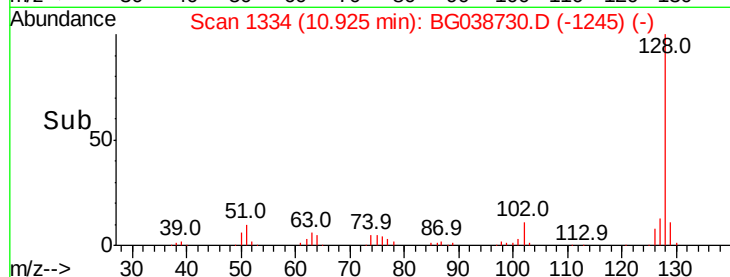
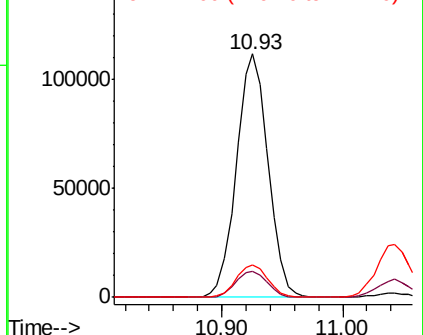
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.5	14.3
127	13.3	10.9	16.3

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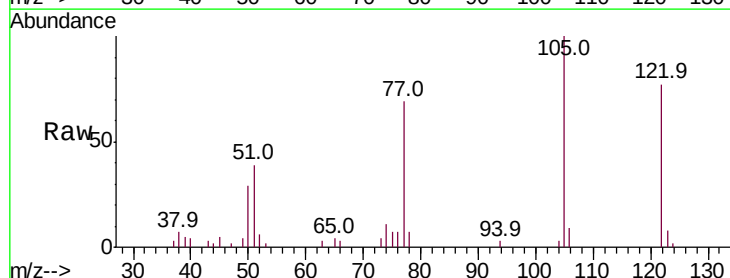


Abundance Ion 128.00 (127.70 to 128.70): E
150000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

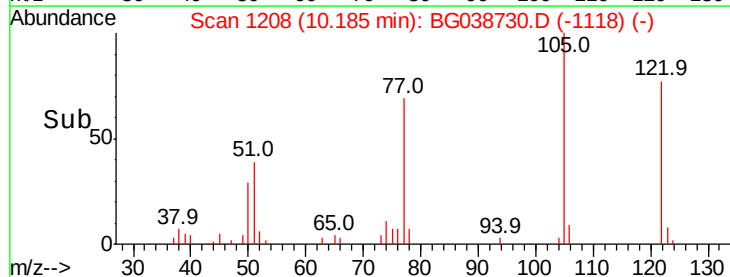
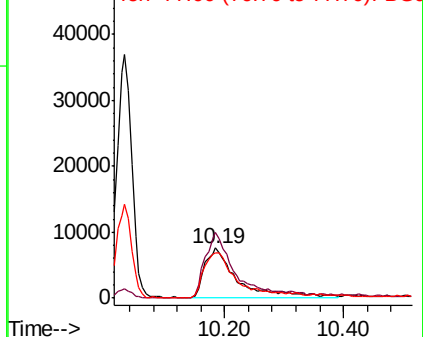


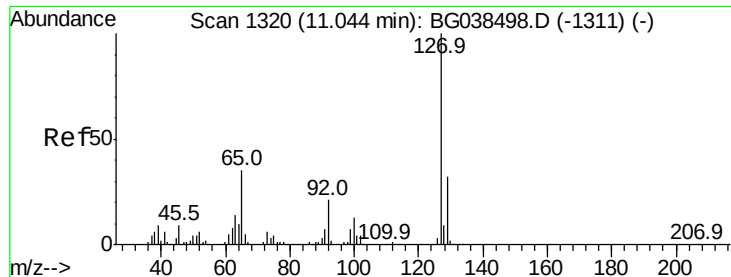
#32
Benzoic acid
Concen: 37.758 ng m
RT: 10.19 min Scan# 1208
Delta R.T. -0.00 min
Lab File: BG038730.D
Acq: 19 Dec 2018 17:05

Tgt Ion	Ratio	Lower	Upper
122	100		
105	130.4	116.7	156.7
77	89.9	72.5	112.5



Abundance Ion 122.00 (121.70 to 122.70): E
50000 Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGO





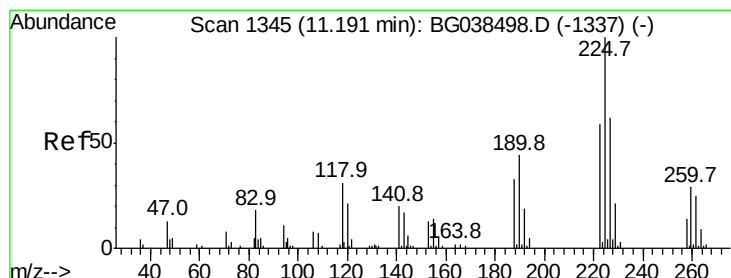
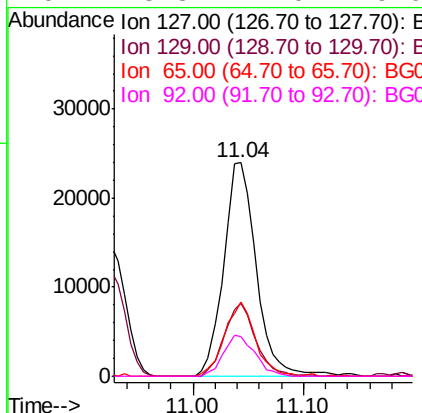
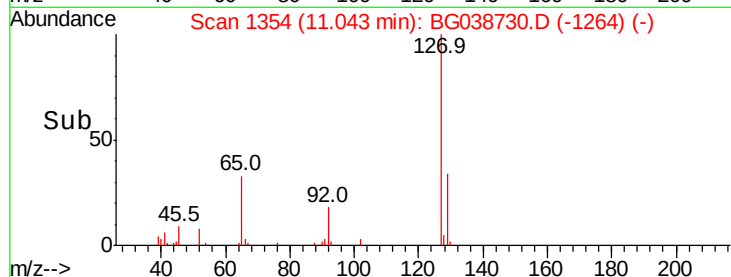
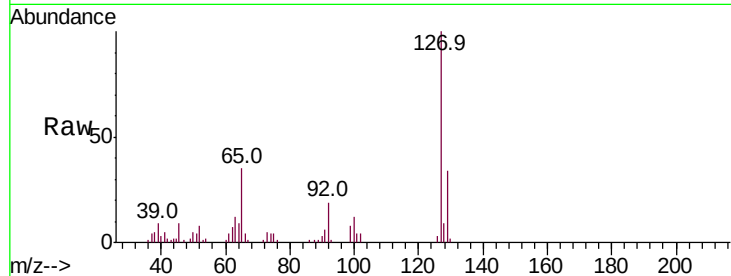
#33
4-Chloroaniline
Concen: 25.156 ng
RT: 11.04 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BG038730.D
Acq: 19 Dec 2018 17:05

Instrument :
BNA_G
ClientSampleId :
PB115831BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.9	25.8	38.8
65	34.5	27.8	41.6
92	18.8	17.0	25.6

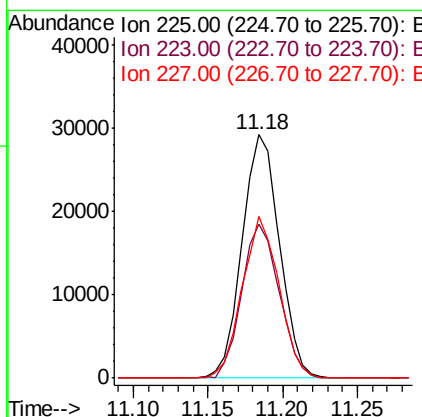
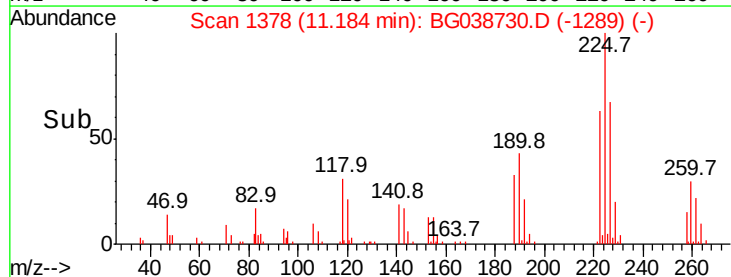
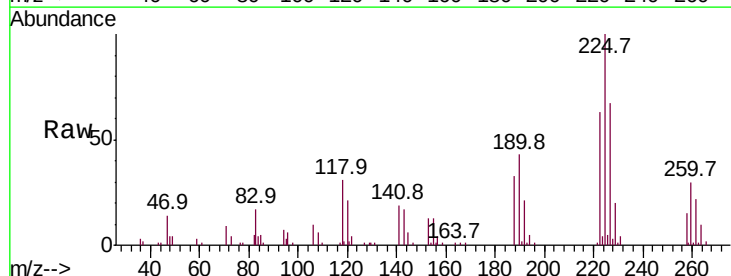
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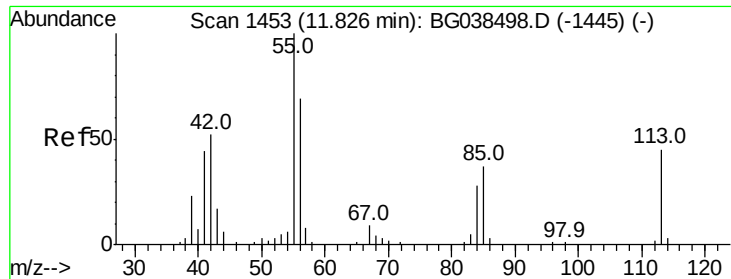
Sohil
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#34
Hexachlorobutadiene
Concen: 41.413 ng
RT: 11.18 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BG038730.D
Acq: 19 Dec 2018 17:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	45.0	67.6
227	66.4	50.6	75.8





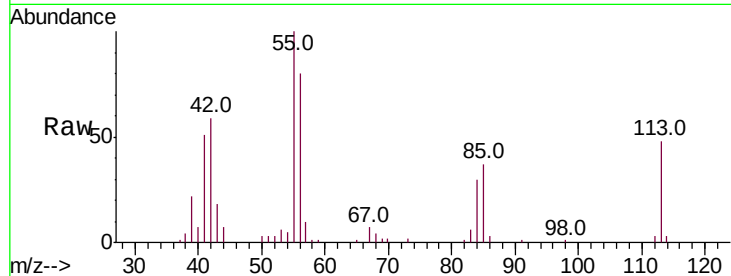
#35
 Caprolactam
 Concen: 38.085 ng
 RT: 11.82 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: BG038730.D
 Acq: 19 Dec 2018 17:05

Instrument :
 BNA_G
 ClientSampleID :
 PB115831BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	208.2	204.3	244.3
56	166.0	135.0	175.0

Manual Integrations
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 12/20/2018 1:06:35 PM

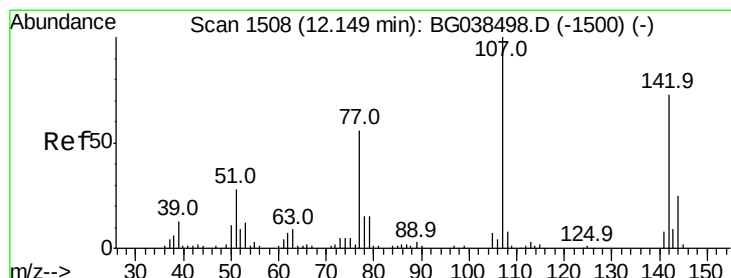
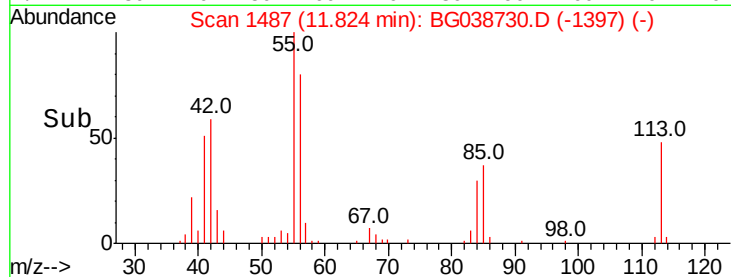
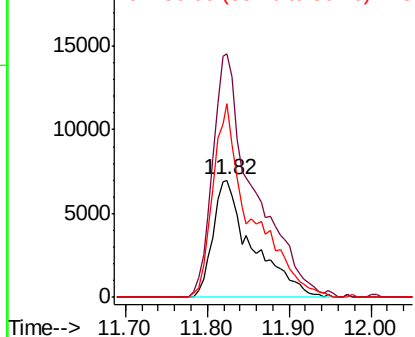


Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36
 4-Chloro-3-methylphenol
 Concen: 43.612 ng
 RT: 12.15 min Scan# 1543
 Delta R.T. 0.00 min
 Lab File: BG038730.D
 Acq: 19 Dec 2018 17:05

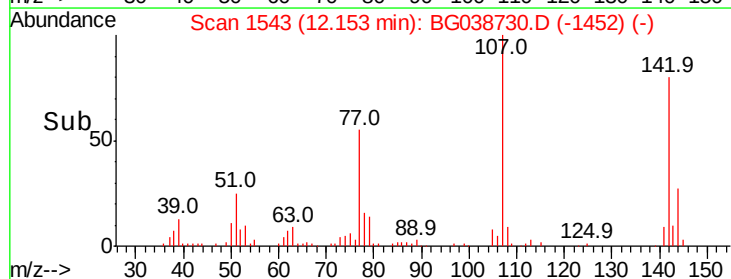
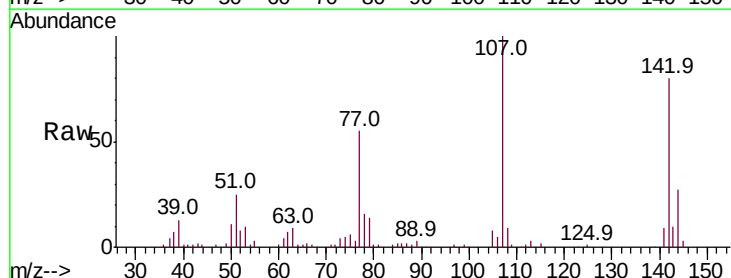
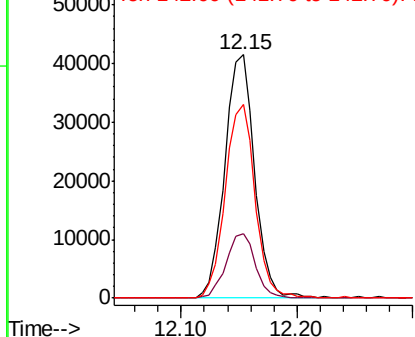
Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.7	20.1	30.1
142	79.6	58.7	88.1

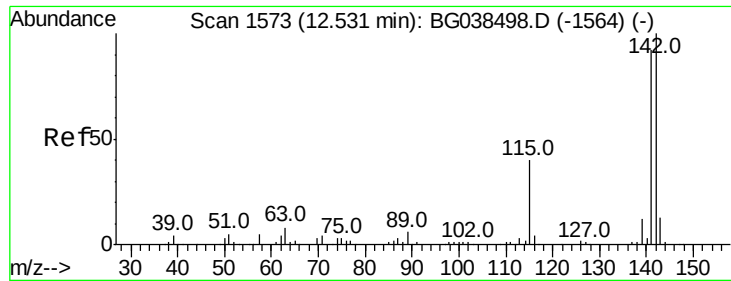
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





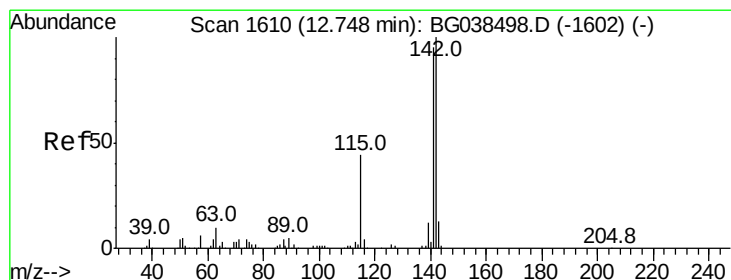
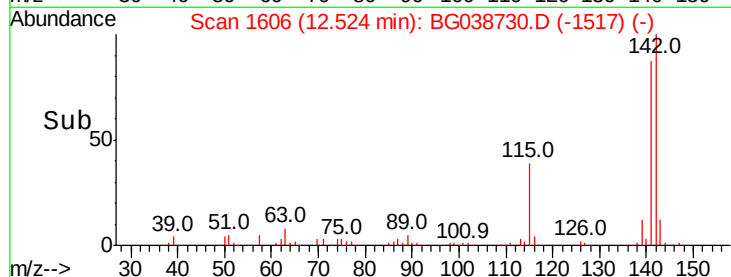
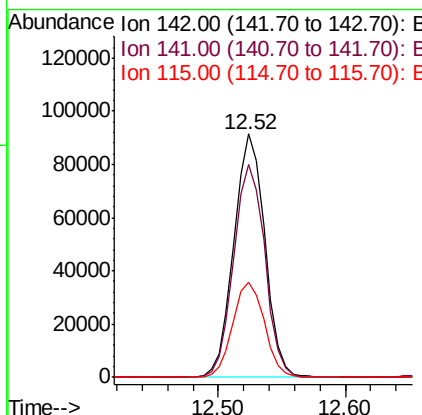
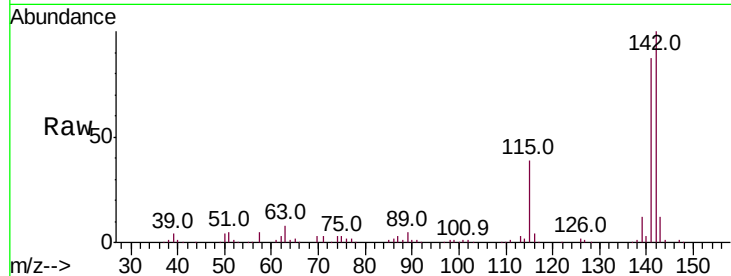
#37
2-Methylnaphthalene
Concen: 47.549 ng
RT: 12.52 min Scan# 1606
Delta R.T. -0.01 min
Lab File: BG038730.D
Acq: 19 Dec 2018 17:05

Instrument :
BNA_G
ClientSampleId :
PB115831BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.3	73.5	110.3
115	39.1	31.7	47.5

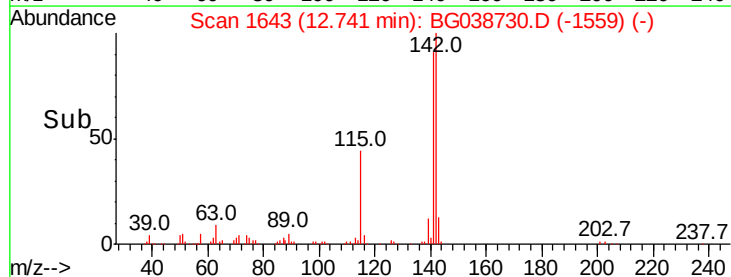
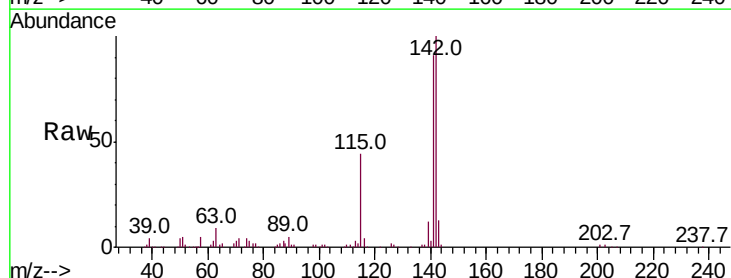
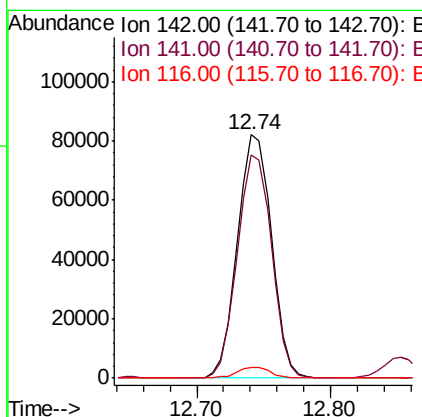
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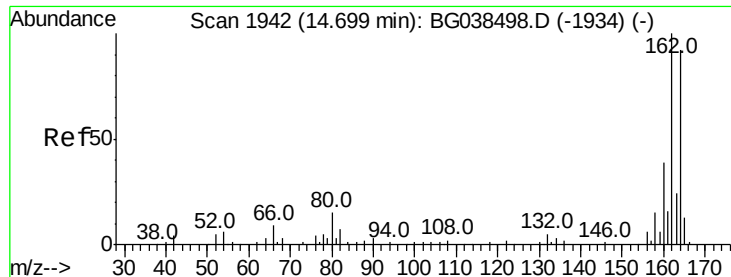
Sohil
12/20/2018 1:06:35 PM



#38
1-Methylnaphthalene
Concen: 46.104 ng
RT: 12.74 min Scan# 1643
Delta R.T. -0.01 min
Lab File: BG038730.D
Acq: 19 Dec 2018 17:05

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.5	75.8	113.8
116	4.4	3.6	5.4





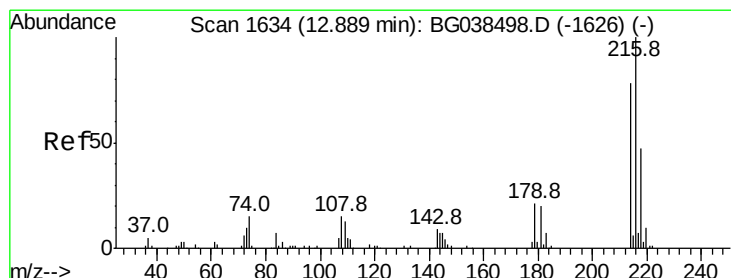
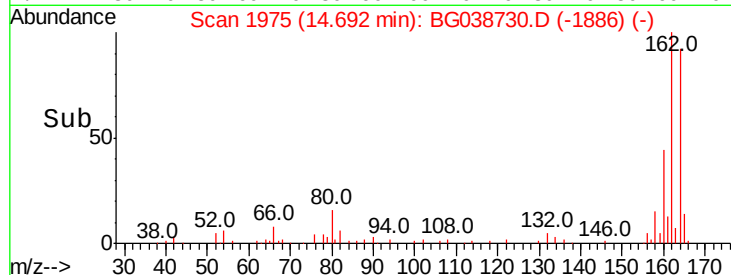
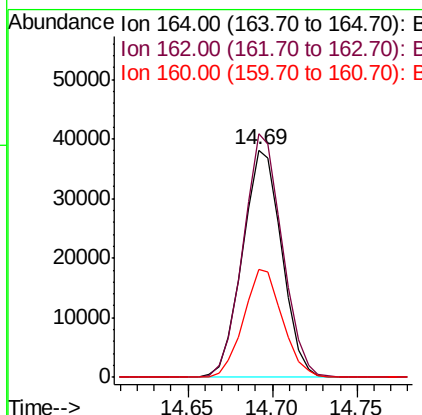
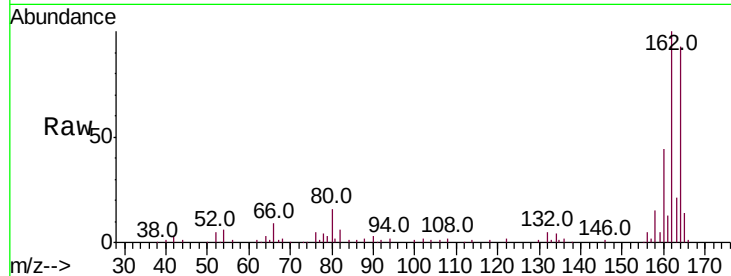
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.01 min
 Lab File: BG038730.D
 Acq: 19 Dec 2018 17:05

Instrument :
 BNA_G
 ClientSampleID :
 PB115831BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	107.1	86.6	130.0
160	47.4	34.2	51.2

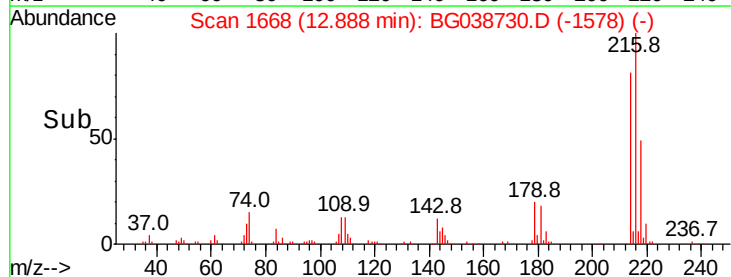
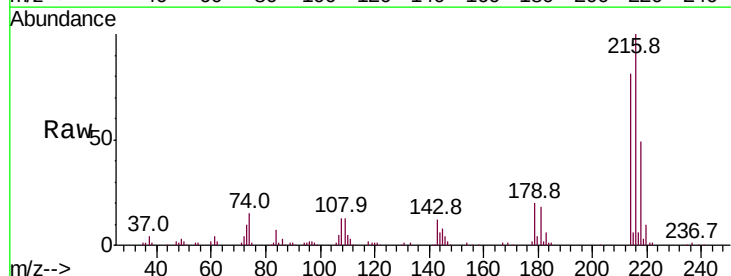
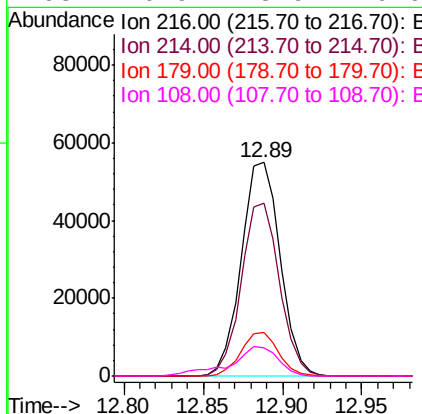
Manual Integrations
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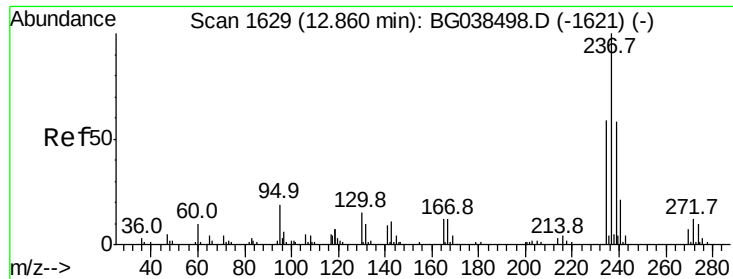
Sohil
 12/20/2018 1:06:35 PM



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.754 ng
 RT: 12.89 min Scan# 1668
 Delta R.T. -0.00 min
 Lab File: BG038730.D
 Acq: 19 Dec 2018 17:05

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.2	64.1	96.1
179	19.6	16.4	24.6
108	16.9	13.9	20.9





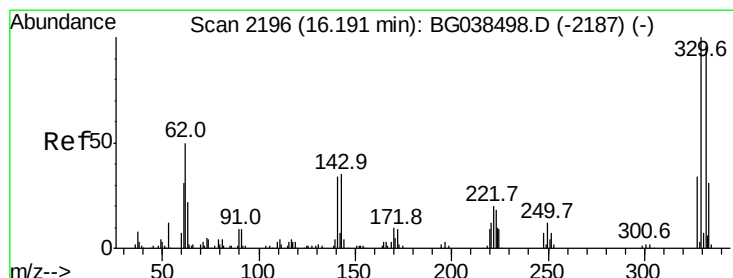
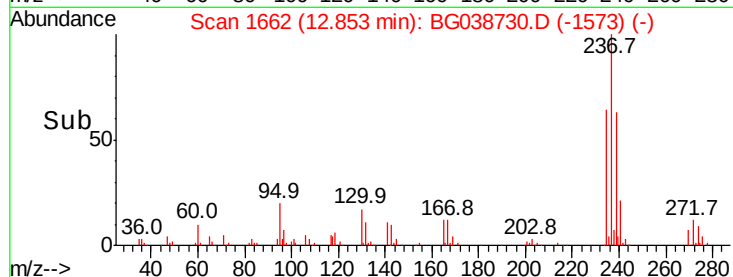
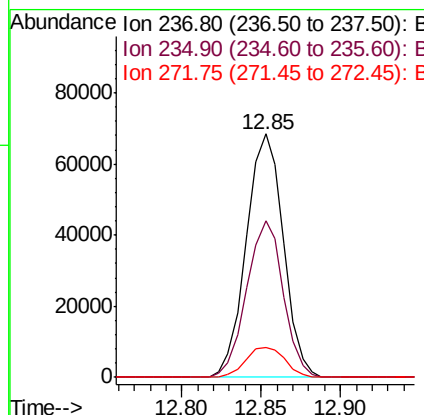
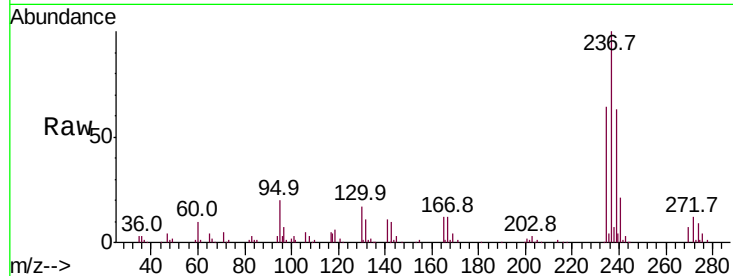
#41
Hexachlorocyclopentadiene
Concen: 88.117 ng
RT: 12.85 min Scan# 1662
Delta R.T. -0.01 min
Lab File: BG038730.D
Acq: 19 Dec 2018 17:05

Instrument :
BNA_G
ClientSampleId :
PB115831BS

Tot Ion:	237	Resp:	111230
Ion Ratio		Lower	Upper
237	100		
235	64.4	38.8	78.8
272	12.1	0.0	32.0

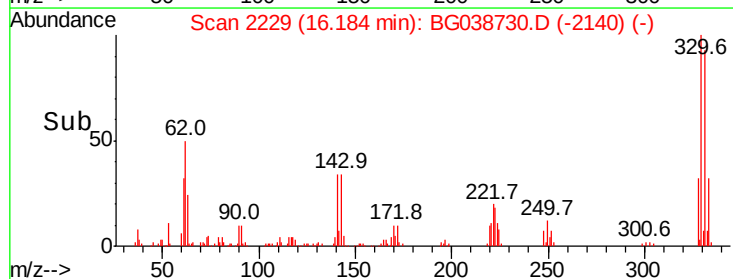
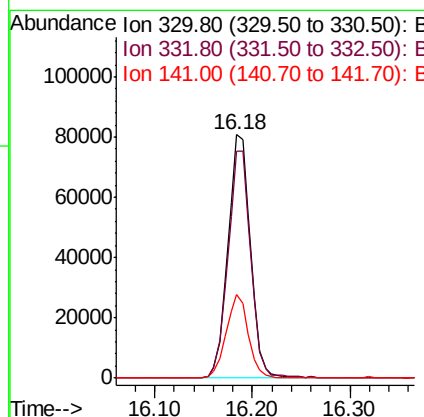
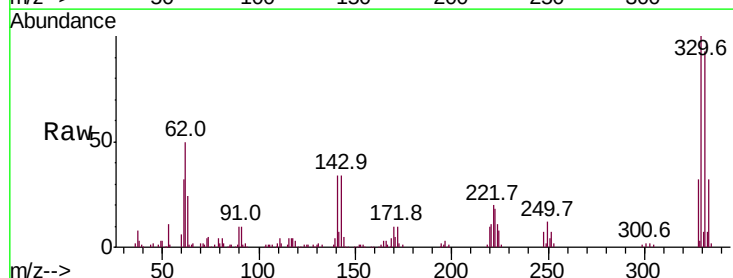
Manual Integrations
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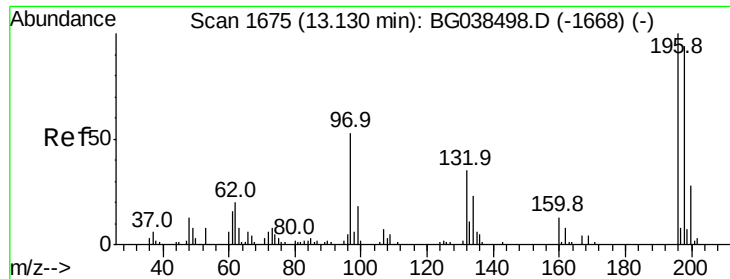
Sohil
12/20/2018 1:06:35 PM



#42
2,4,6-Tribromophenol
Concen: 152.243 ng
RT: 16.18 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BG038730.D
Acq: 19 Dec 2018 17:05

Tgt Ion:	330	Resp:	128969
Ion Ratio		Lower	Upper
330	100		
332	94.3	76.9	115.3
141	33.5	28.8	43.2





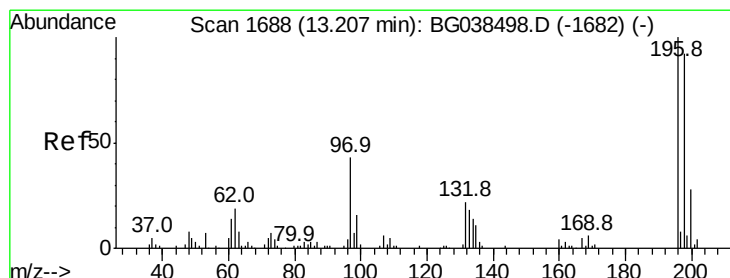
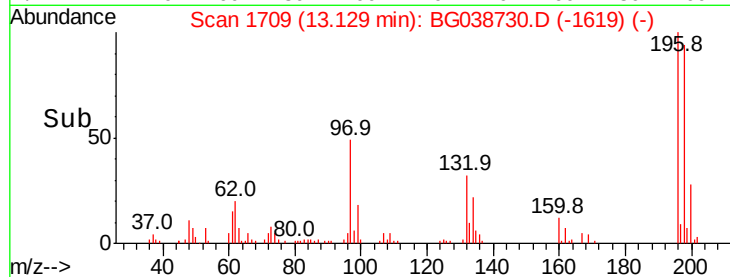
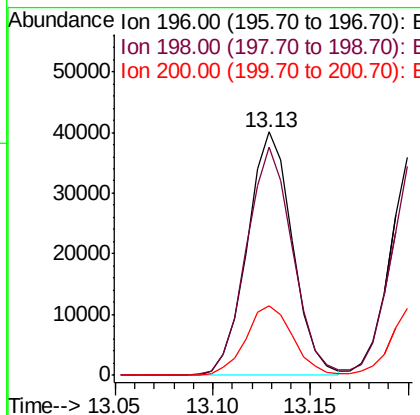
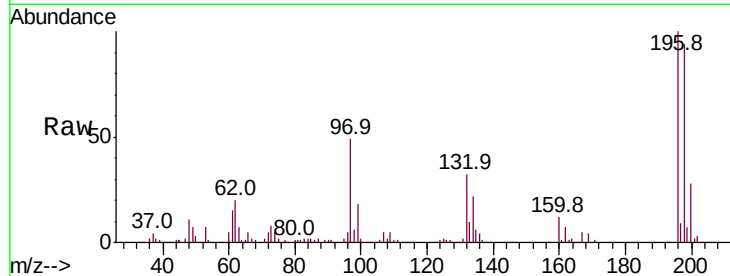
#43
 2,4,6-Trichlorophenol
 Concen: 45.306 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG038730.D
 Acq: 19 Dec 2018 17:05

Instrument :
 BNA_G
 ClientSampleId :
 PB115831BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	64005		
198	93.9	75.0	112.4	
200	28.3	22.4	33.6	

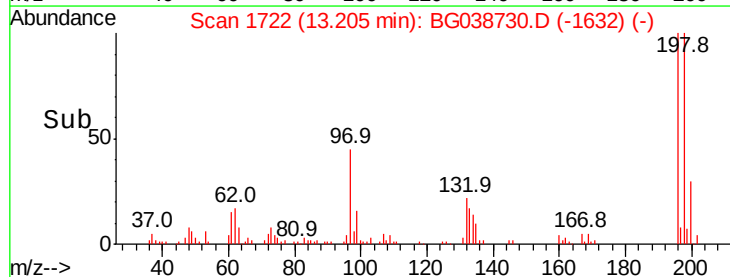
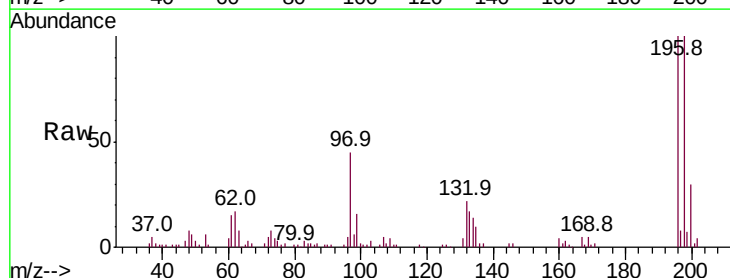
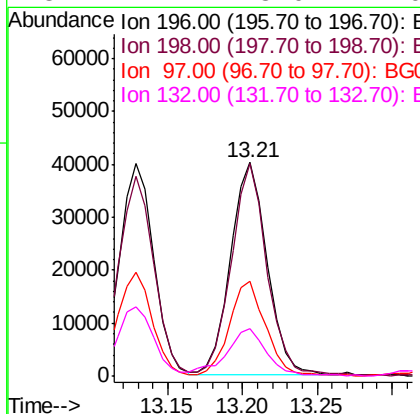
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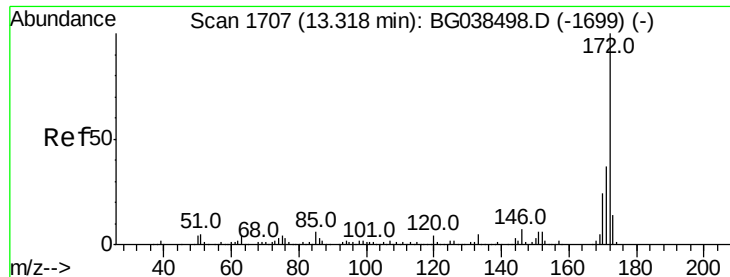
Sohil
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#44
 2,4,5-Trichlorophenol
 Concen: 45.803 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.00 min
 Lab File: BG038730.D
 Acq: 19 Dec 2018 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	68509		
198	99.7	74.0	111.0	
97	44.5	35.1	52.7	
132	22.2	18.0	27.0	





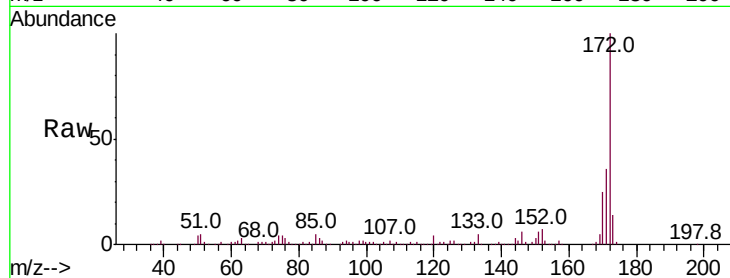
#45
2-Fluorobiphenyl
Concen: 70.551 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG038730.D
Acq: 19 Dec 2018 17:05

Instrument :
BNA_G
ClientSampleId :
PB115831BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.8	44.6
170	24.7	19.5	29.3

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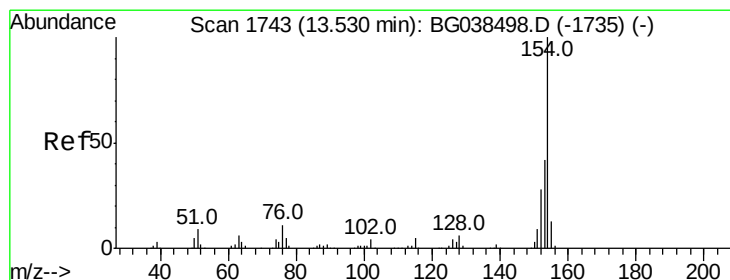
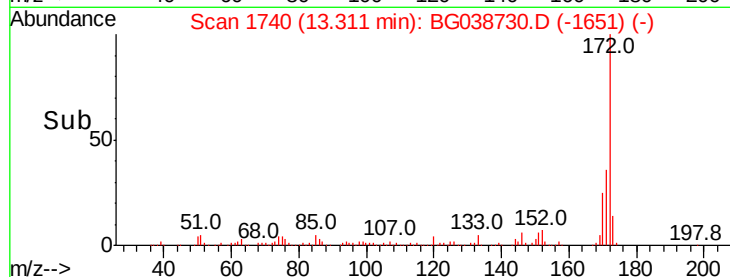
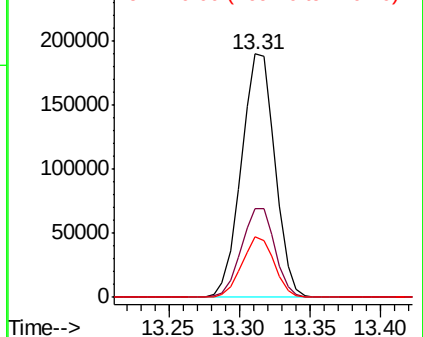


Abundance

Ion 172.00 (171.70 to 172.70): E

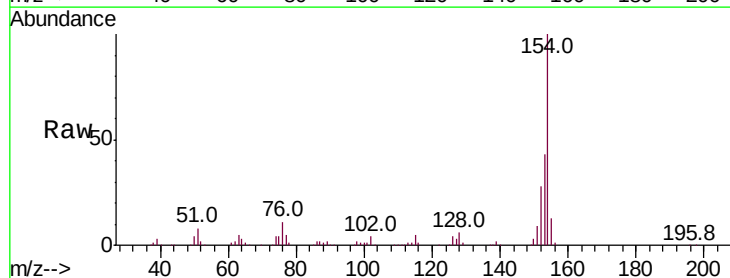
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 38.552 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.00 min
Lab File: BG038730.D
Acq: 19 Dec 2018 17:05

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.5	22.1	62.1
76	10.8	0.0	31.2

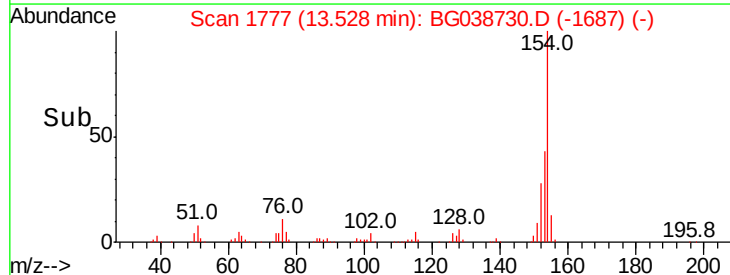
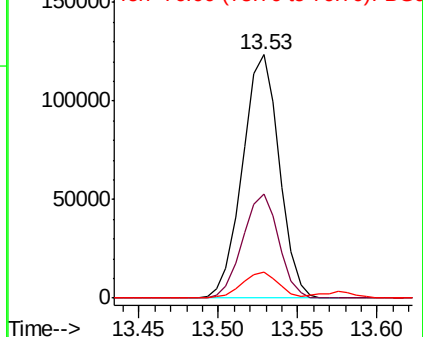


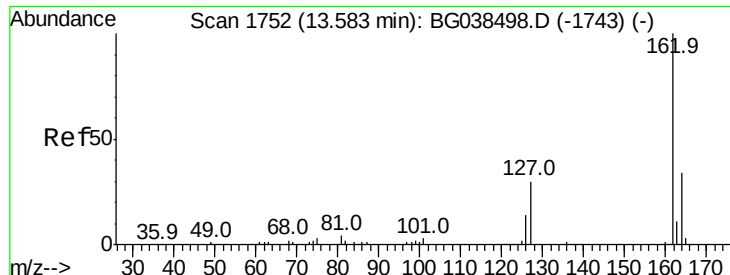
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG





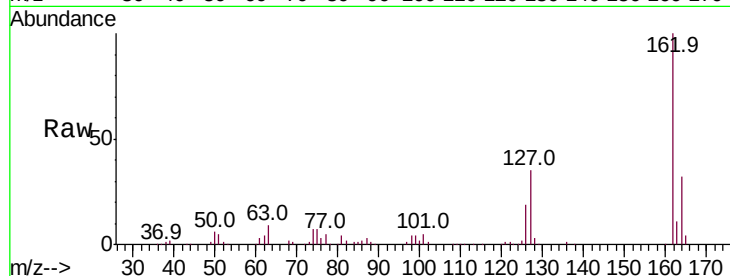
#47
2-Chloronaphthalene
Concen: 41.474 ng
RT: 13.58 min Scan# 1785
Delta R.T. -0.01 min
Lab File: BG038730.D
Acq: 19 Dec 2018 17:05

Instrument :
BNA_G
ClientSampleId :
PB115831BS

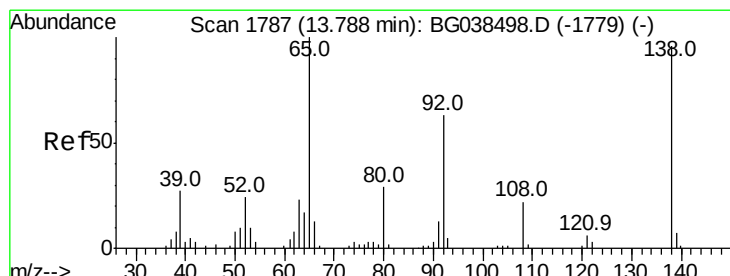
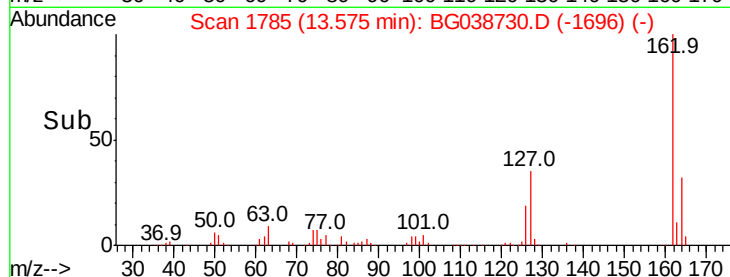
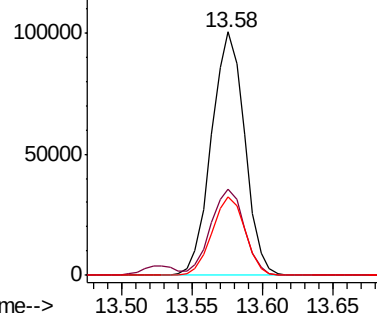
Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	35.3	27.8	41.8
164	32.1	26.9	40.3

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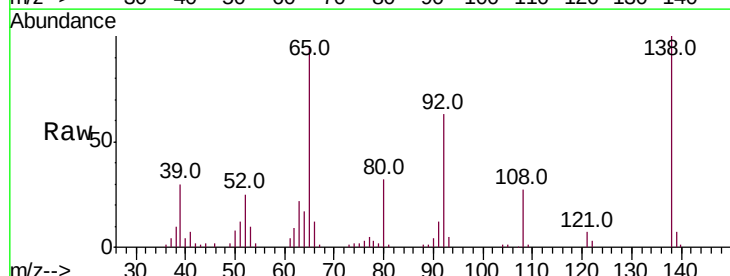


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

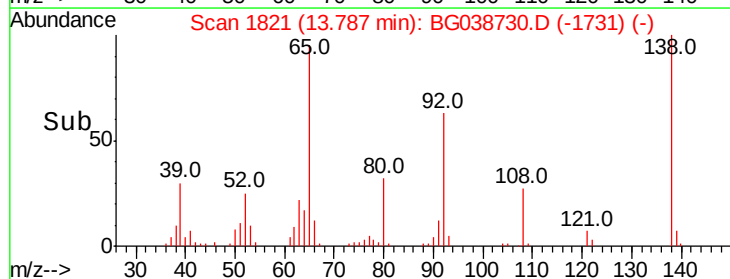
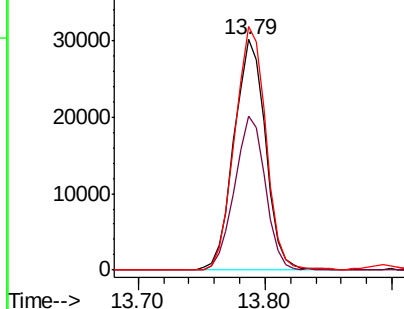


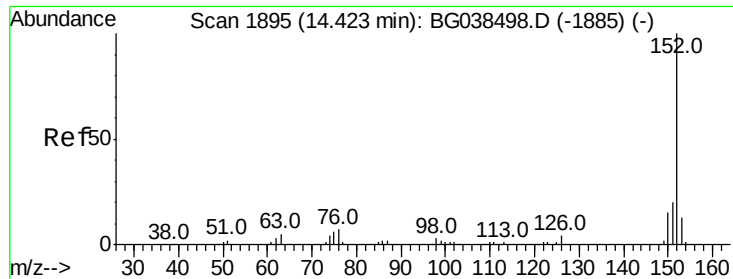
#48
2-Nitroaniline
Concen: 40.750 ng
RT: 13.79 min Scan# 1821
Delta R.T. -0.00 min
Lab File: BG038730.D
Acq: 19 Dec 2018 17:05

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	66.7	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: 44.633 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BG038730.D

Acq: 19 Dec 2018 17:05

Instrument :

BNA_G

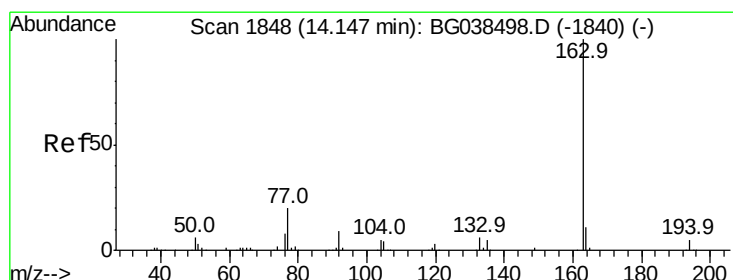
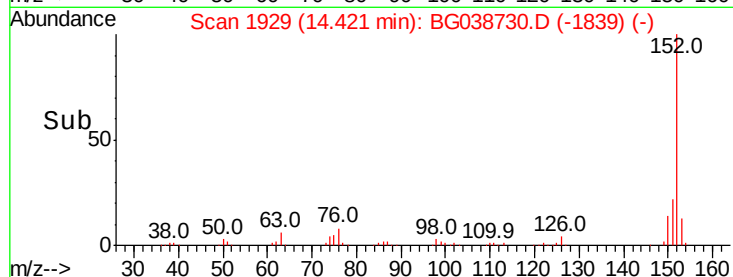
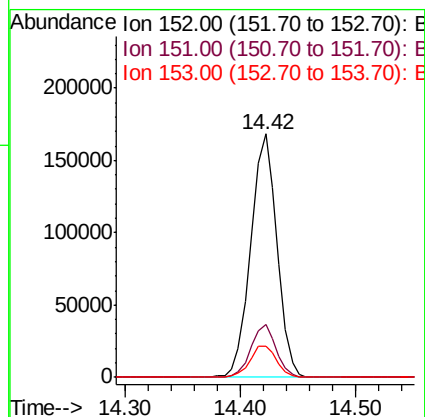
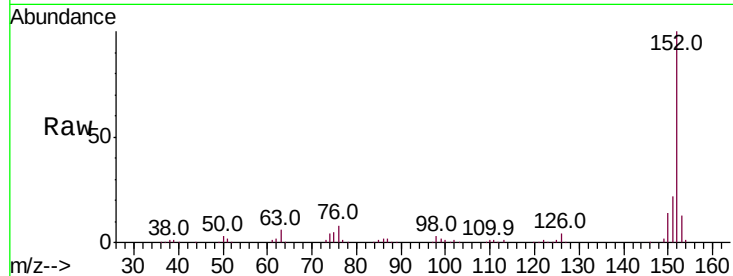
ClientSampleId :

PB115831BS

Tot Ion:	152	Resp:	265588
Ion Ratio	Lower	Upper	
152	100		
151	21.7	16.4	24.6
153	12.6	10.4	15.6

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#50

Dimethylphthalate

Concen: 42.206 ng

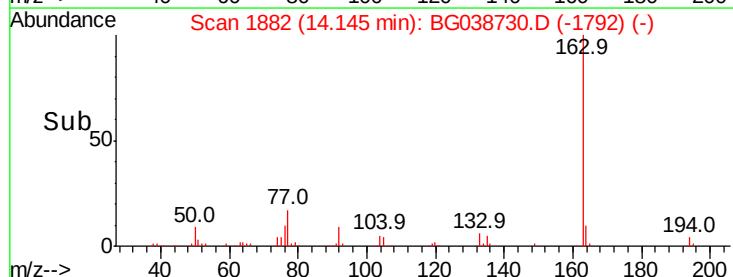
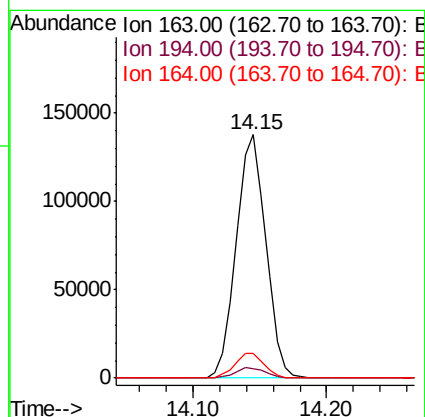
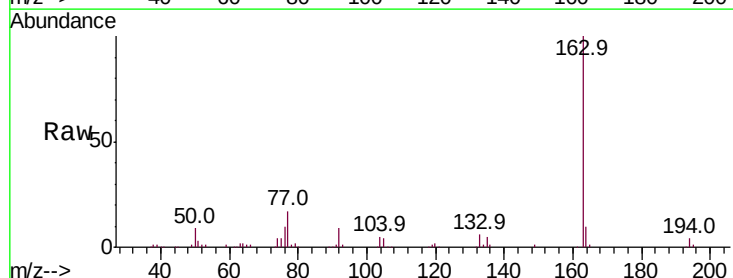
RT: 14.15 min Scan# 1882

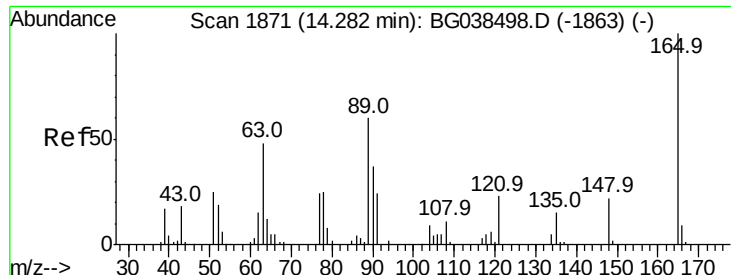
Delta R.T. -0.00 min

Lab File: BG038730.D

Acq: 19 Dec 2018 17:05

Tgt Ion:	163	Resp:	211855
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.7	5.5
164	10.1	8.6	12.8





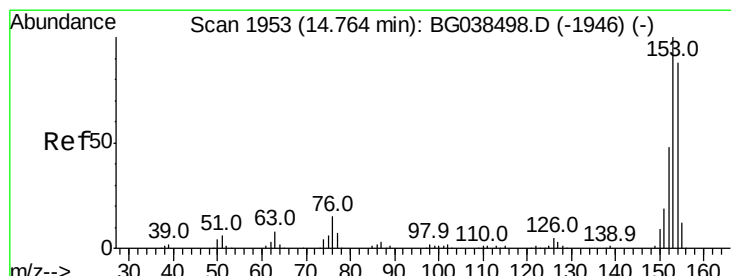
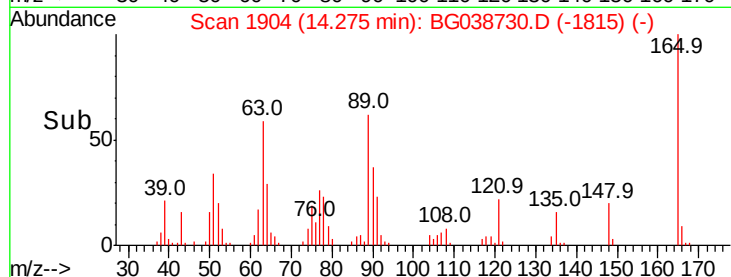
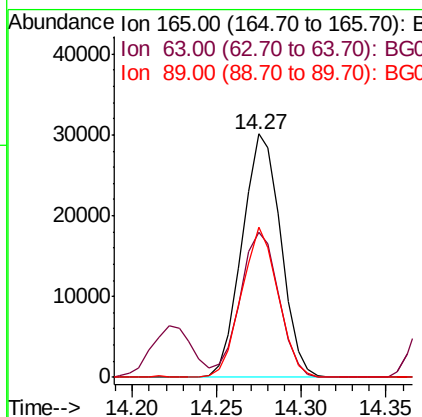
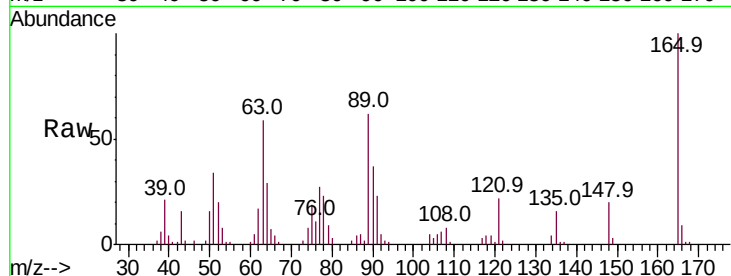
#51
2,6-Dinitrotoluene
Concen: 42.229 ng
RT: 14.27 min Scan# 1904
Delta R.T. -0.01 min
Lab File: BG038730.D
Acq: 19 Dec 2018 17:05

Instrument :
BNA_G
ClientSampleId :
PB115831BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	59.4	51.8	77.6
89	61.8	47.9	71.9

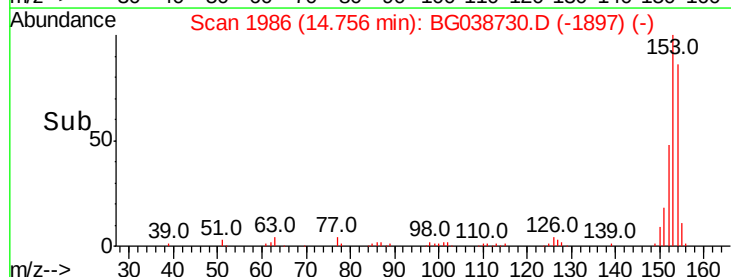
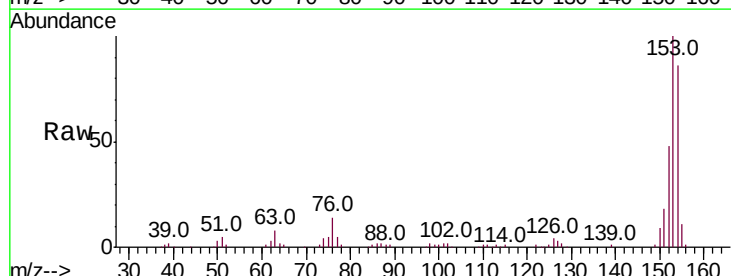
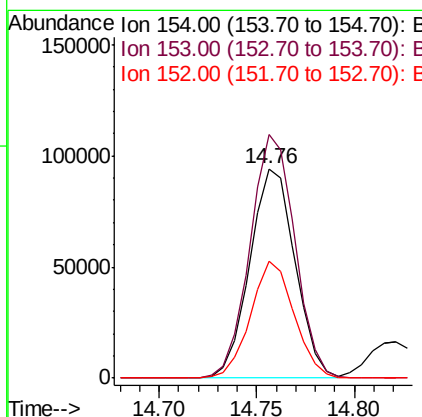
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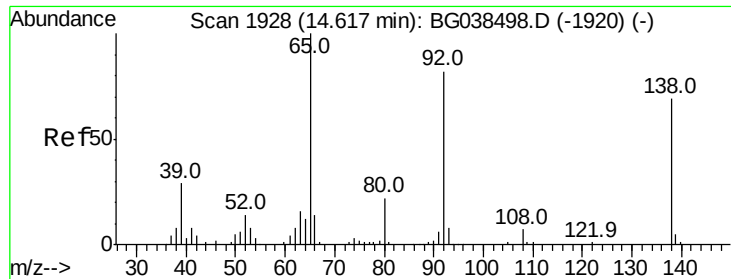
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#52
Acenaphthene
Concen: 42.550 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BG038730.D
Acq: 19 Dec 2018 17:05

Tgt Ion	Ratio	Lower	Upper
154	100		
153	116.2	90.6	136.0
152	55.9	43.5	65.3





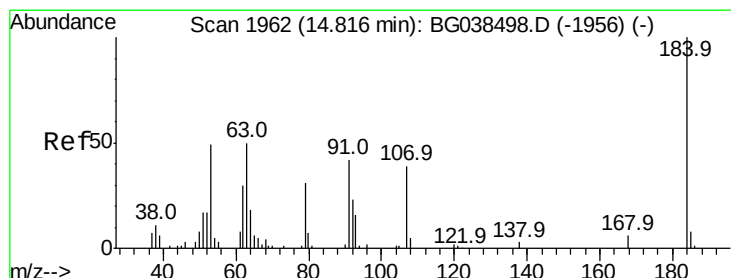
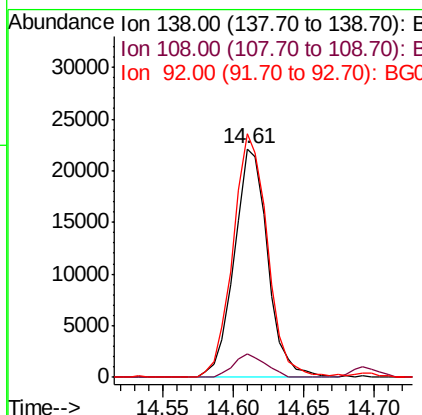
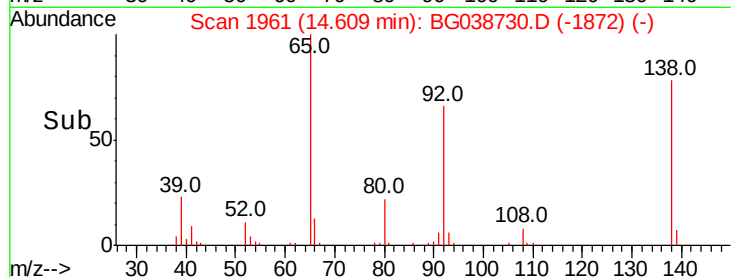
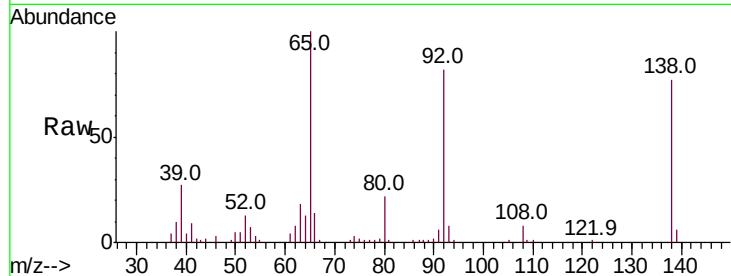
#53
3-Nitroaniline
Concen: 31.587 ng
RT: 14.61 min Scan# 1961
Delta R.T. -0.01 min
Lab File: BG038730.D
Acq: 19 Dec 2018 17:05

Instrument :
BNA_G
ClientSampleId :
PB115831BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.2	7.9	11.9
92	106.5	95.3	142.9

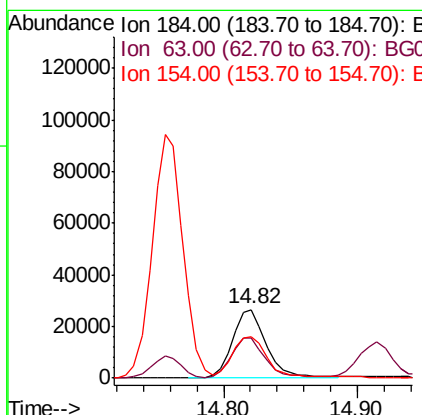
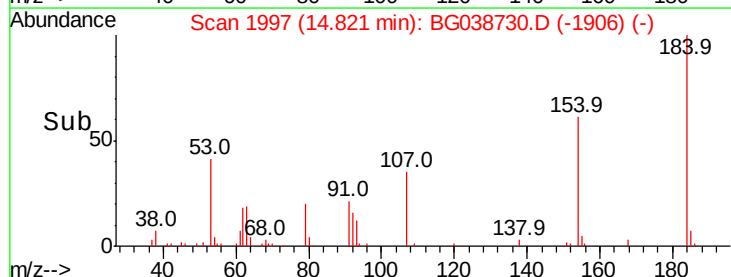
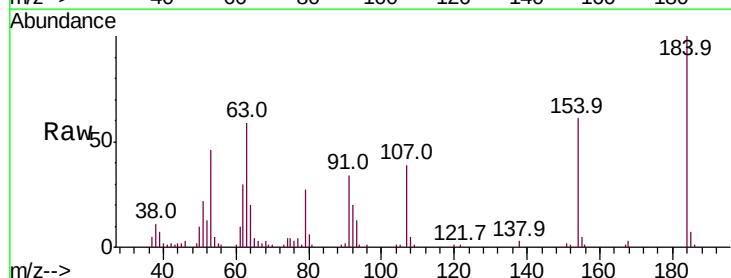
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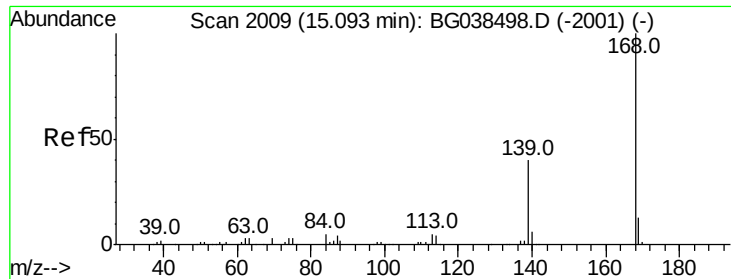
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#54
2,4-Dinitrophenol
Concen: 69.925 ng
RT: 14.82 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BG038730.D
Acq: 19 Dec 2018 17:05

Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.6	47.0	70.6
154	61.2	50.3	75.5





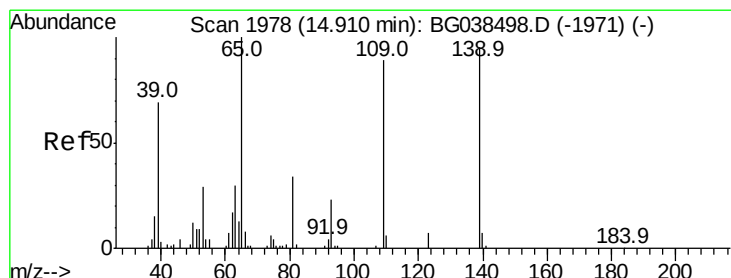
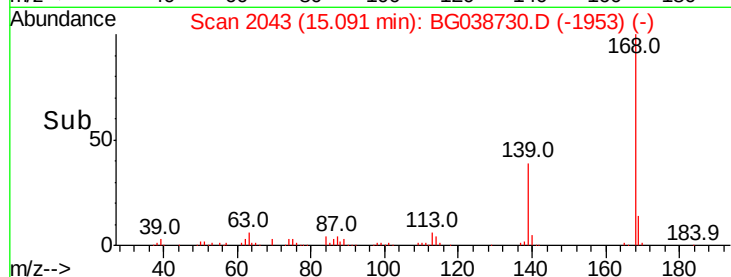
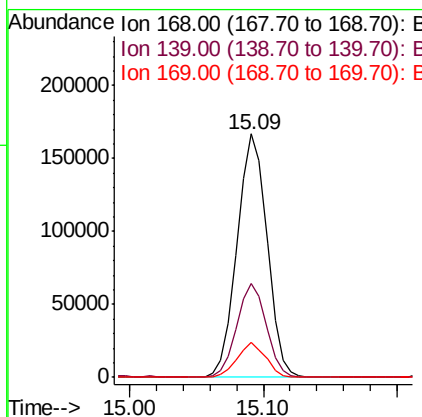
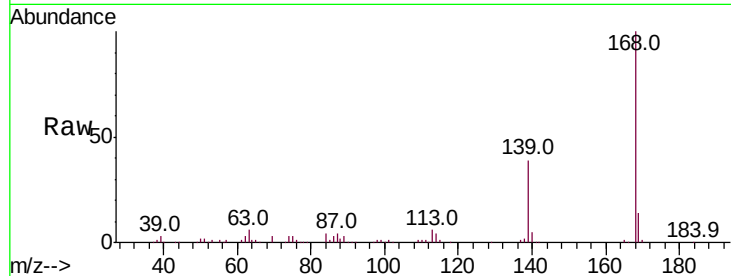
#55
Dibenzofuran
Concen: 42.505 ng
RT: 15.09 min Scan# 2043
Delta R.T. -0.00 min
Lab File: BG038730.D
Acq: 19 Dec 2018 17:05

Instrument :
BNA_G
ClientSampleId :
PB115831BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.5	32.2	48.2
169	14.4	10.6	16.0

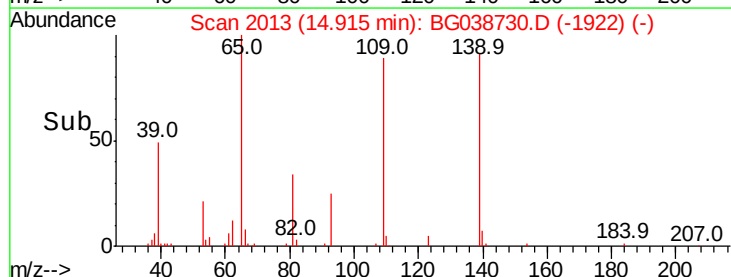
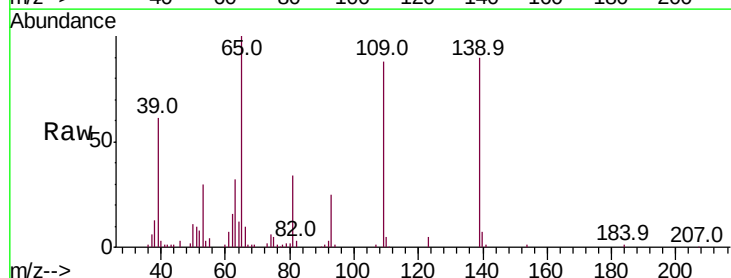
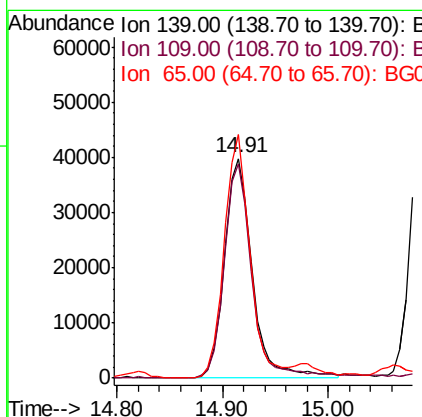
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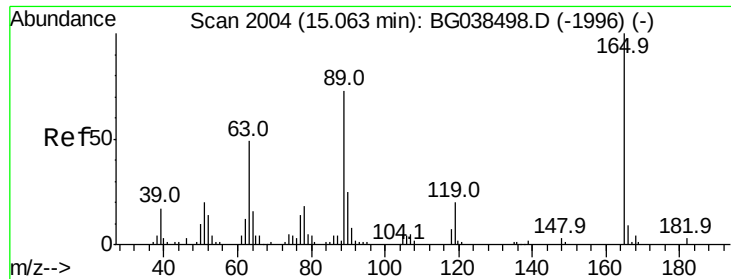
Sohil
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#56
4-Nitrophenol
Concen: 82.709 ng
RT: 14.91 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BG038730.D
Acq: 19 Dec 2018 17:05

Tgt Ion	Ratio	Lower	Upper
139	100		
109	97.6	73.6	113.6
65	110.7	84.8	124.8





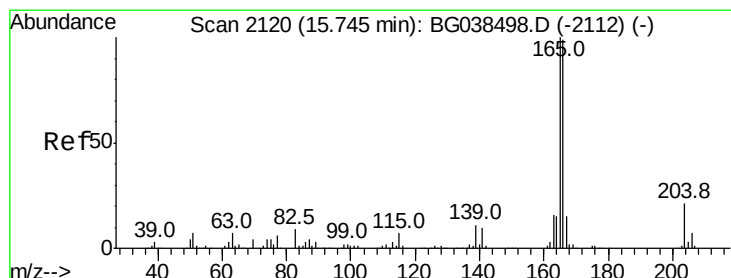
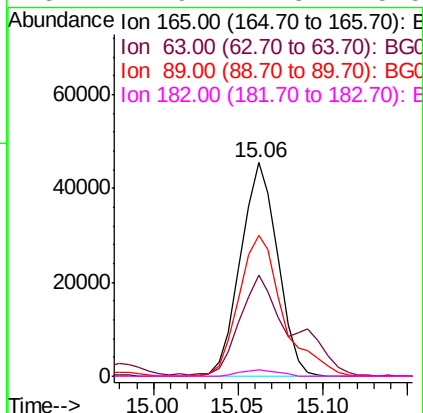
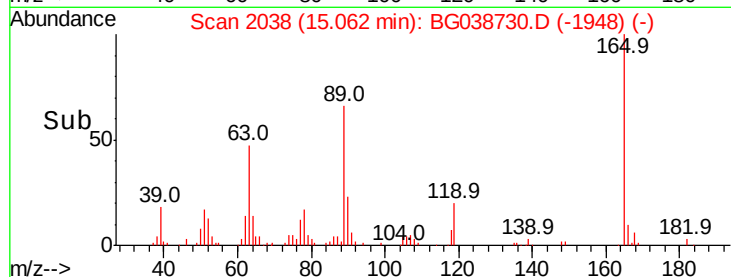
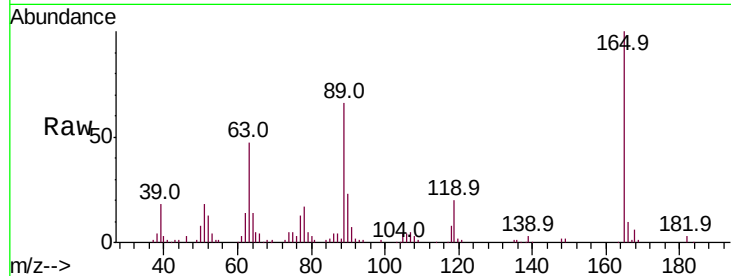
#57
2,4-Dinitrotoluene
Concen: 43.436 ng
RT: 15.06 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BG038730.D
Acq: 19 Dec 2018 17:05

Instrument :
BNA_G
ClientSampleId :
PB115831BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	69591		
63	47.2	39.0	58.4	
89	65.8	58.0	87.0	
182	2.9	2.3	3.5	

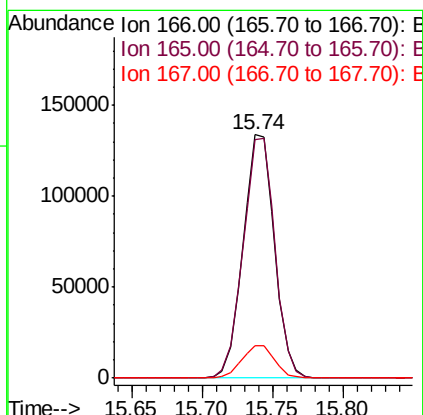
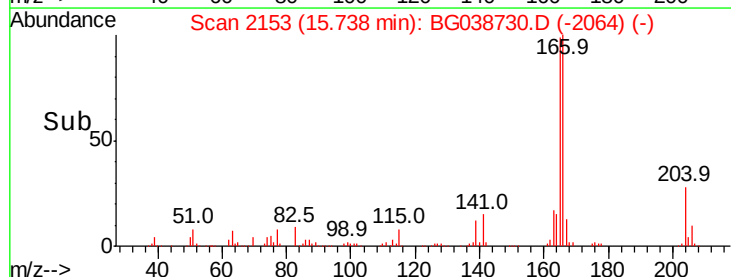
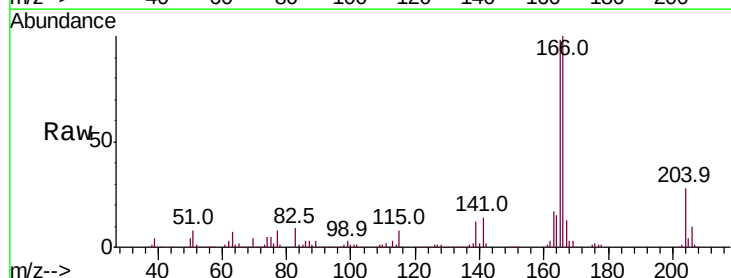
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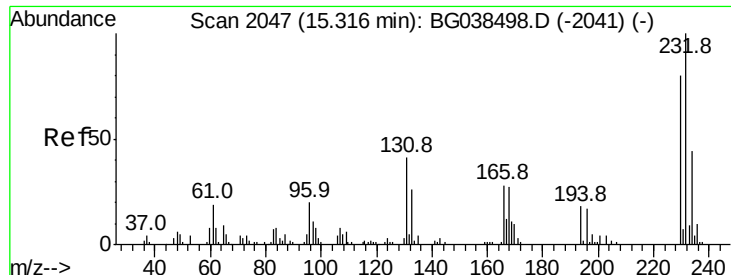
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#58
Fluorene
Concen: 46.015 ng
RT: 15.74 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BG038730.D
Acq: 19 Dec 2018 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	207932		
165	97.8	80.6	120.8	
167	13.3	12.0	18.0	





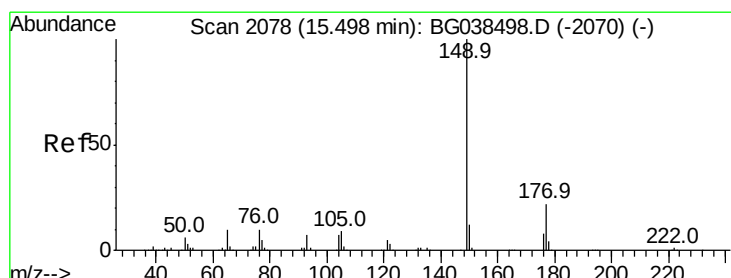
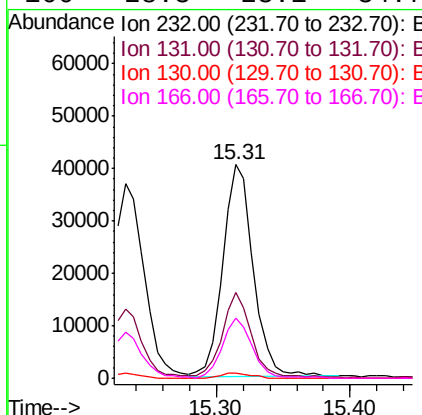
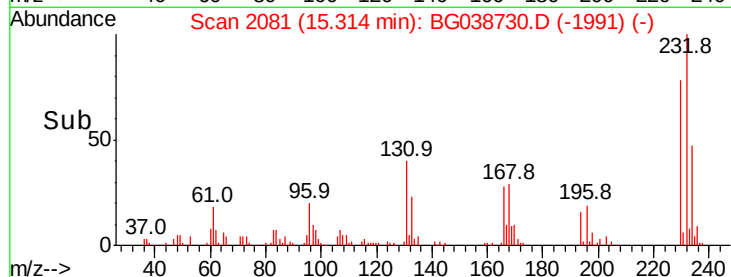
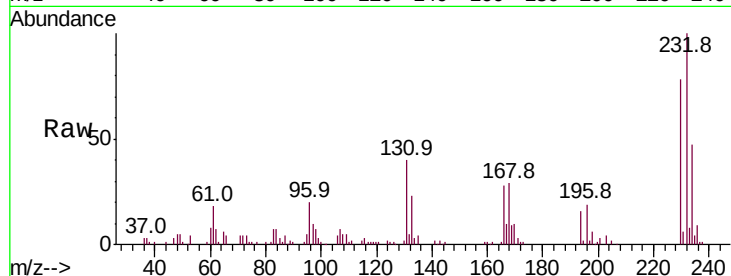
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.972 ng
 RT: 15.31 min Scan# 2081
 Delta R.T. -0.00 min
 Lab File: BG038730.D
 Acq: 19 Dec 2018 17:05

Instrument :
 BNA_G
 ClientSampleId :
 PB115831BS

Tot Ion:	232	Resp:	64556
Ion Ratio	Lower	Upper	
232	100		
131	40.1	33.0	49.4
130	2.4	2.0	3.0
166	28.3	23.1	34.7

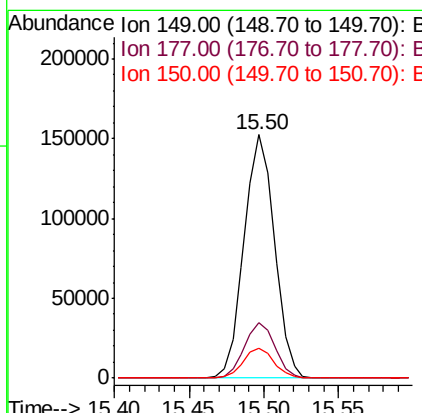
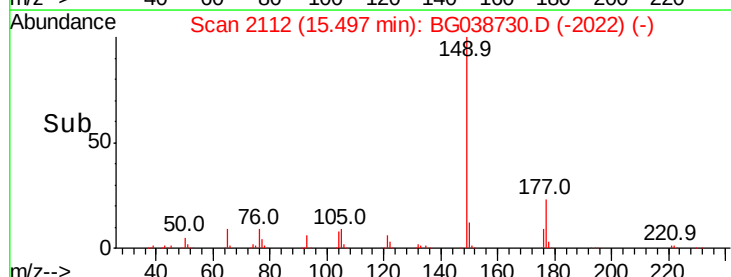
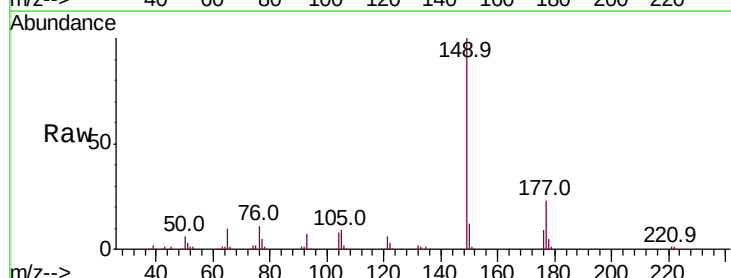
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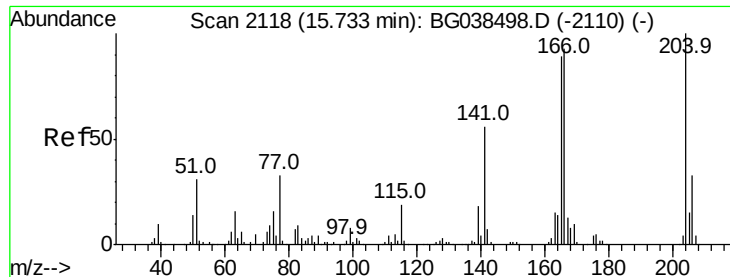
Sohil
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#60
 Diethylphthalate
 Concen: 39.054 ng
 RT: 15.50 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: BG038730.D
 Acq: 19 Dec 2018 17:05

Tgt Ion:	149	Resp:	215204
Ion Ratio	Lower	Upper	
149	100		
177	22.8	17.7	26.5
150	12.3	9.9	14.9





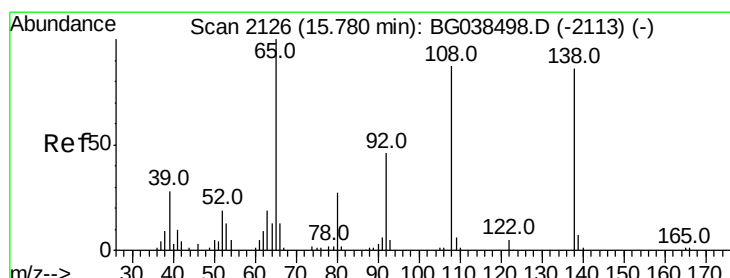
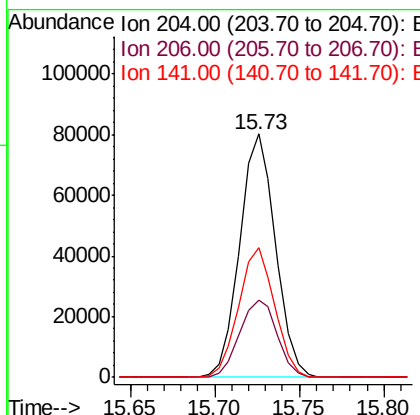
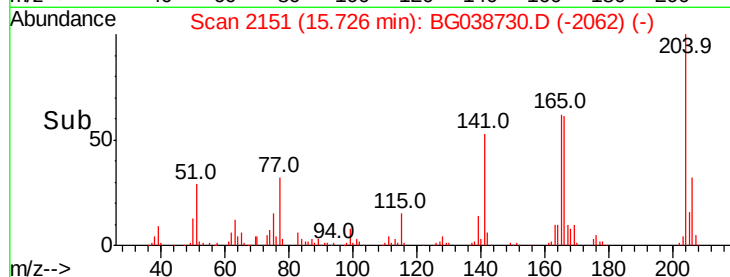
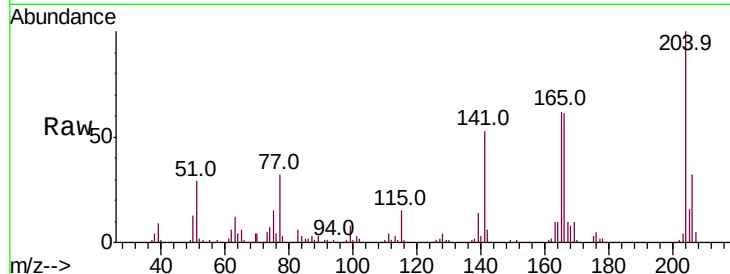
#61
4-Chlorophenyl-phenylether
Concen: 41.718 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BG038730.D
Acq: 19 Dec 2018 17:05

Instrument :
BNA_G
ClientSampleId :
PB115831BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.5	26.0	39.0
141	53.0	44.4	66.6

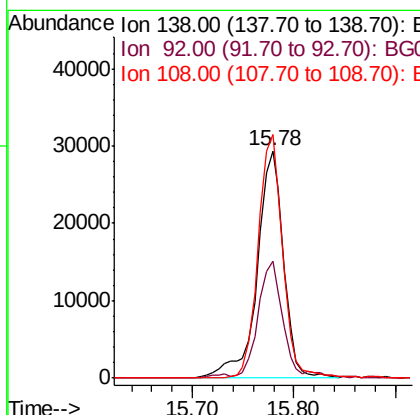
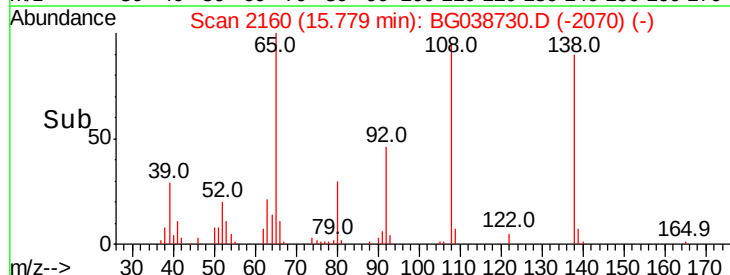
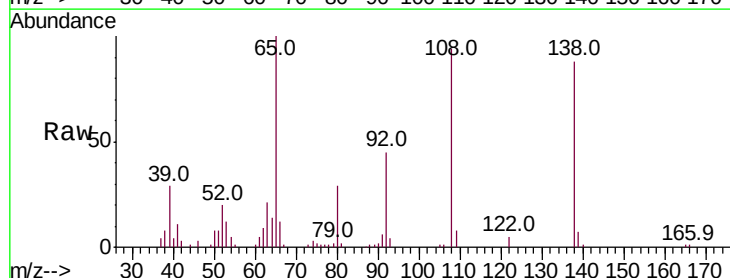
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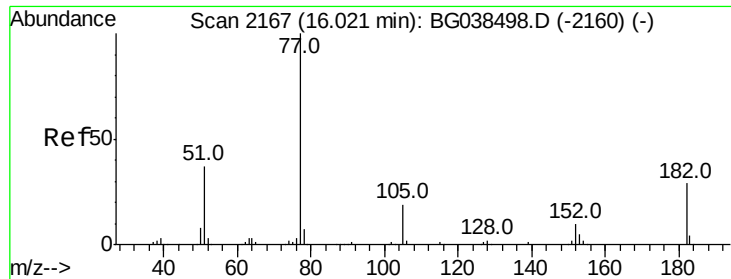
Sohil
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#62
4-Nitroaniline
Concen: 44.524 ng
RT: 15.78 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BG038730.D
Acq: 19 Dec 2018 17:05

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.3	33.3	73.3
108	107.0	81.4	121.4





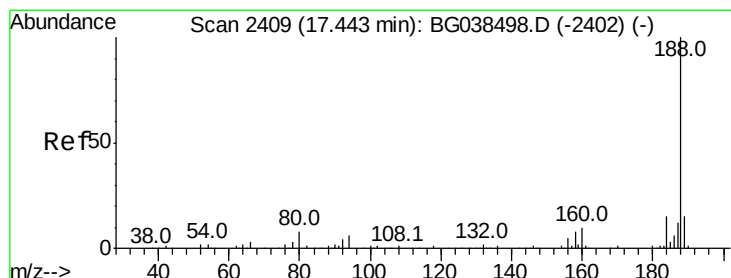
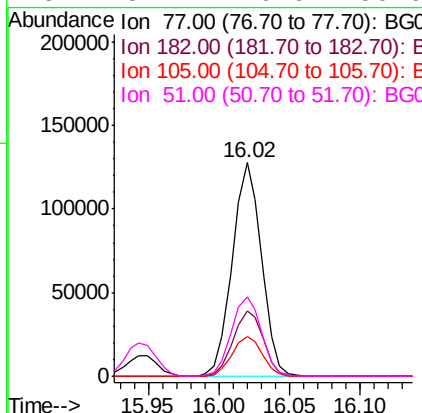
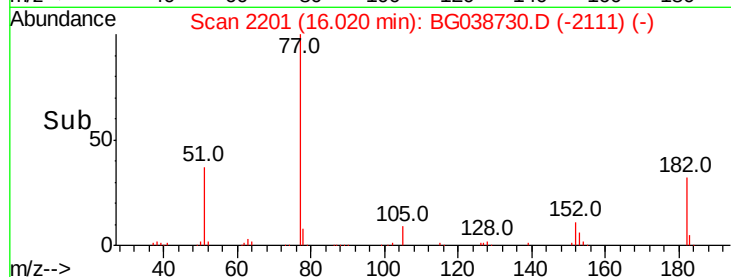
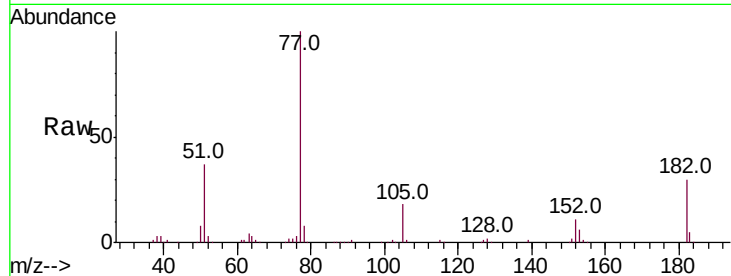
#63
Azobenzene
Concen: 39.997 ng
RT: 16.02 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BG038730.D
Acq: 19 Dec 2018 17:05

Instrument :
BNA_G
ClientSampleId :
PB115831BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	30.4	8.7	48.7
105	18.5	0.0	38.7
51	37.4	16.6	56.6

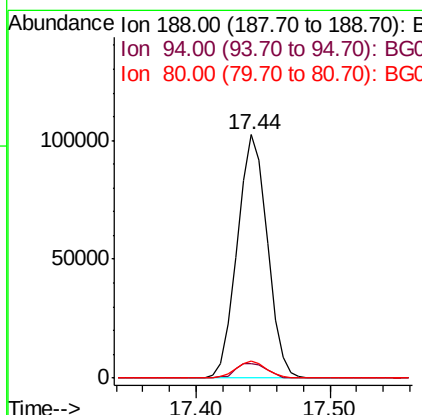
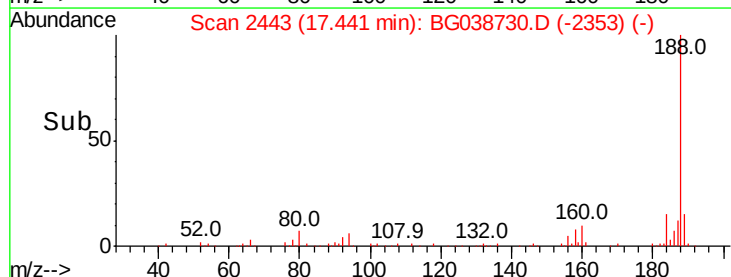
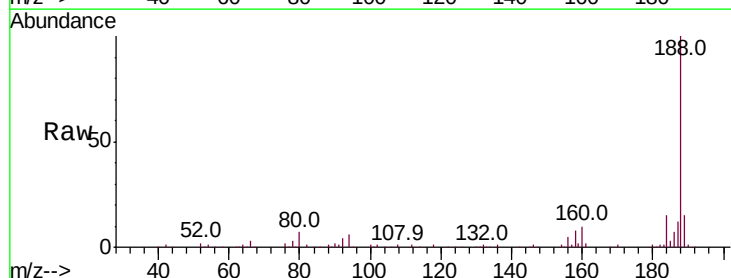
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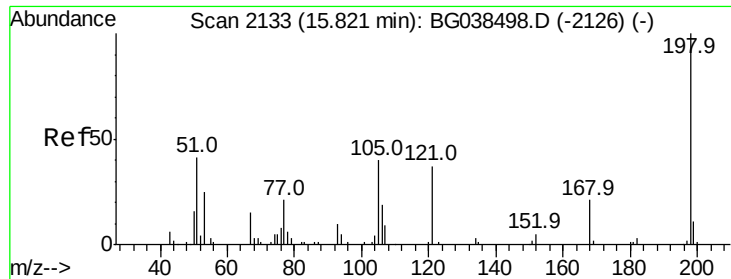
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038730.D
Acq: 19 Dec 2018 17:05

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.0	5.1	7.7
80	7.3	6.1	9.1





#65

4,6-Dinitro-2-methylphenol

Concen: 37.965 ng

RT: 15.82 min Scan# 2167

Delta R.T. -0.00 min

Lab File: BG038730.D

Acq: 19 Dec 2018 17:05

Instrument :

BNA_G

ClientSampleId :

PB115831BS

Tot Ion:198 Resp: 43188

Ion Ratio Lower Upper

198 100

51 43.0 28.6 68.6

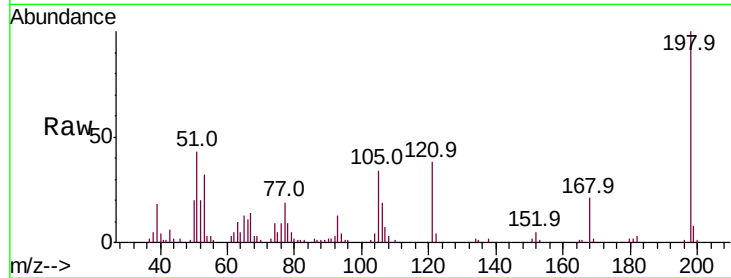
105 33.8 20.4 60.4

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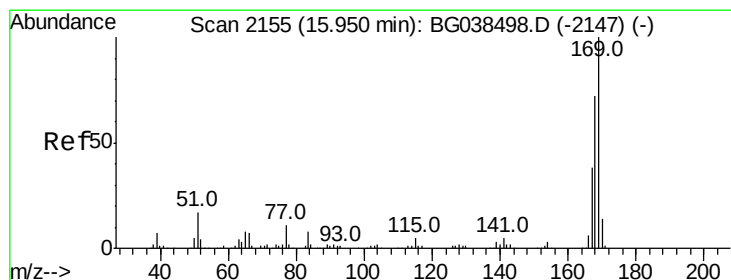
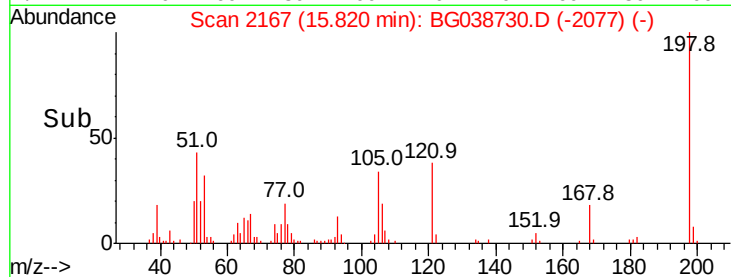
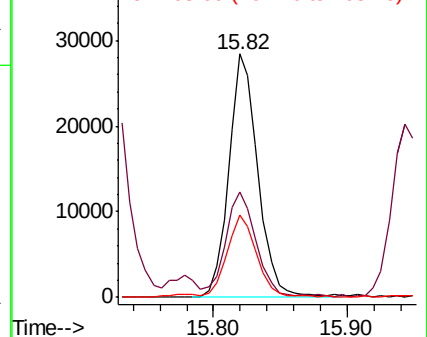
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.572 ng

RT: 15.95 min Scan# 2189

Delta R.T. -0.00 min

Lab File: BG038730.D

Acq: 19 Dec 2018 17:05

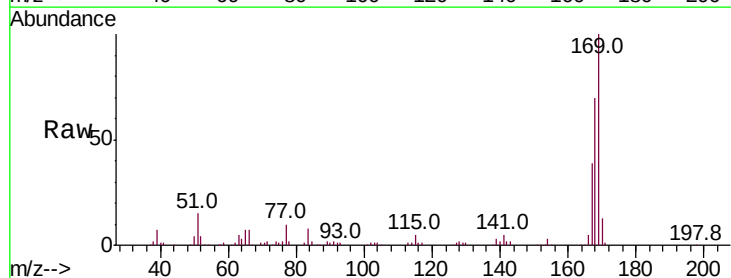
Tgt Ion:169 Resp: 190101

Ion Ratio Lower Upper

169 100

168 69.6 57.5 86.3

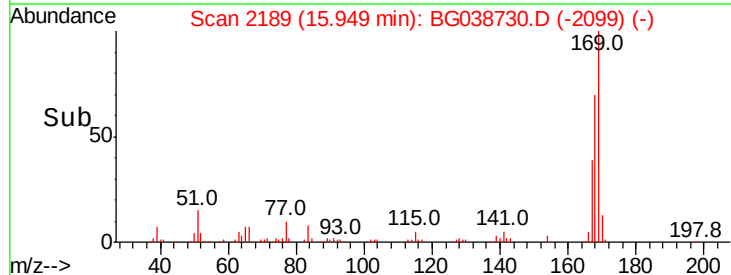
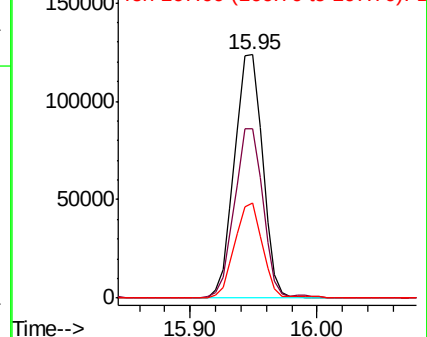
167 39.2 30.2 45.2

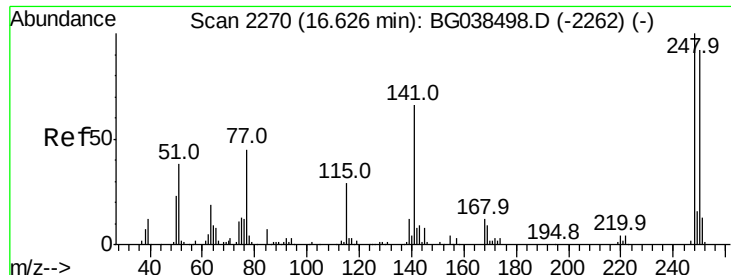


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 41.252 ng

RT: 16.62 min Scan# 2304

Delta R.T. -0.00 min

Lab File: BG038730.D

Acq: 19 Dec 2018 17:05

Instrument :

BNA_G

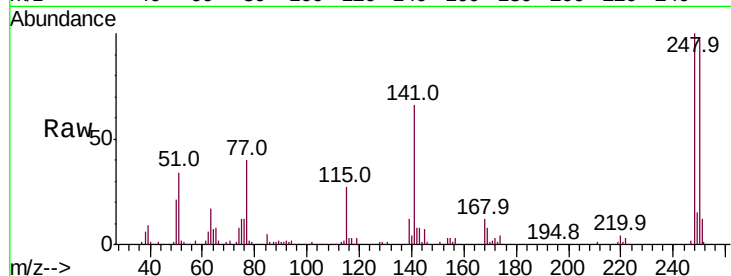
ClientSampleId :

PB115831BS

Tot Ion:	248	Resp:	80341
Ion Ratio	Lower	Upper	
248	100		
250	96.9	73.4	110.2
141	66.2	52.9	79.3

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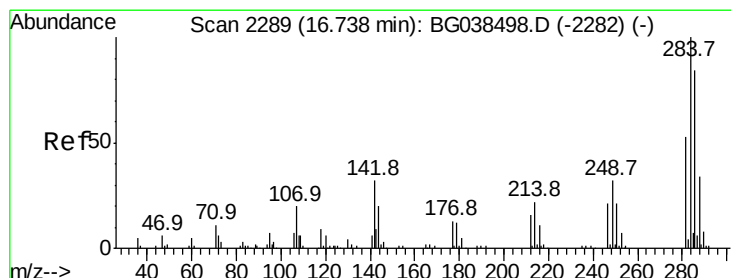
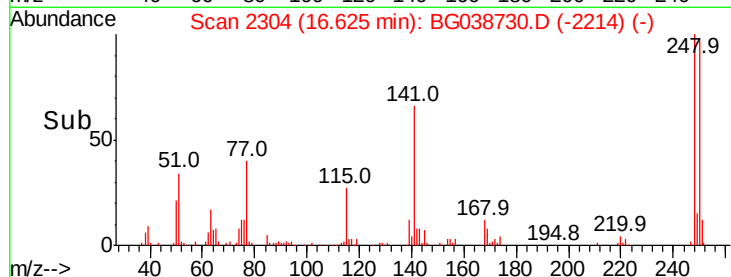
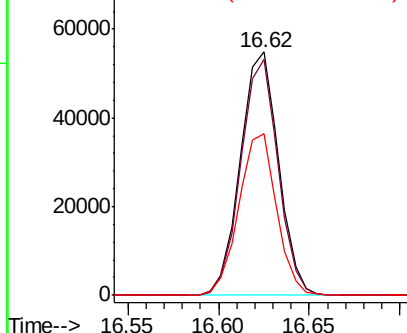


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 40.725 ng

RT: 16.74 min Scan# 2323

Delta R.T. -0.00 min

Lab File: BG038730.D

Acq: 19 Dec 2018 17:05

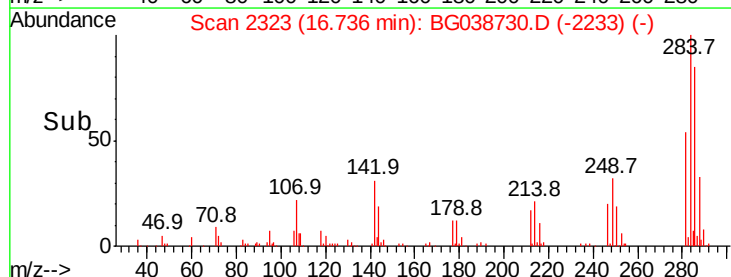
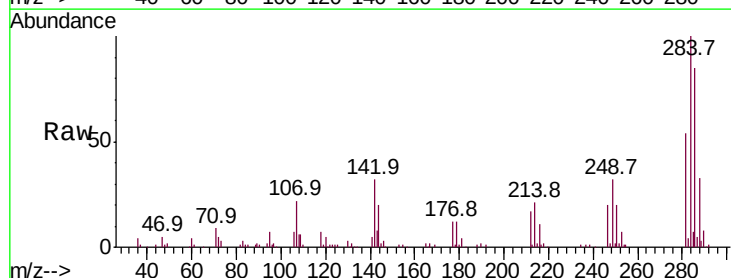
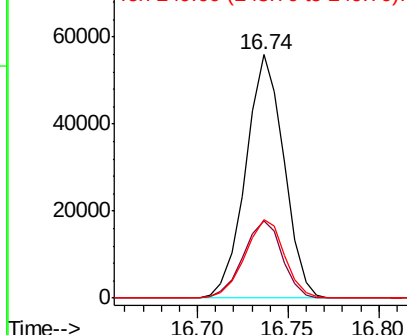
Tgt Ion:	284	Resp:	82219
Ion Ratio	Lower	Upper	
284	100		
142	31.5	25.8	38.6
249	34.1	27.0	40.4

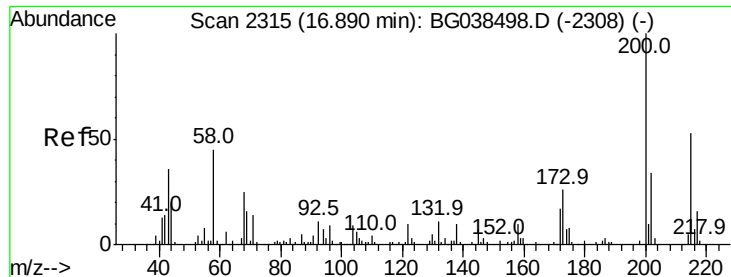
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





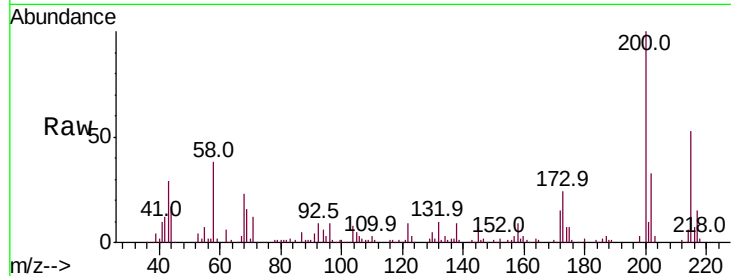
#69
 Atrazine
 Concen: 45.287 ng
 RT: 16.89 min Scan# 2349
 Delta R.T. -0.00 min
 Lab File: BG038730.D
 Acq: 19 Dec 2018 17:05

Instrument :
 BNA_G
 ClientSampleId :
 PB115831BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.7	5.9	45.9
215	53.2	33.1	73.1

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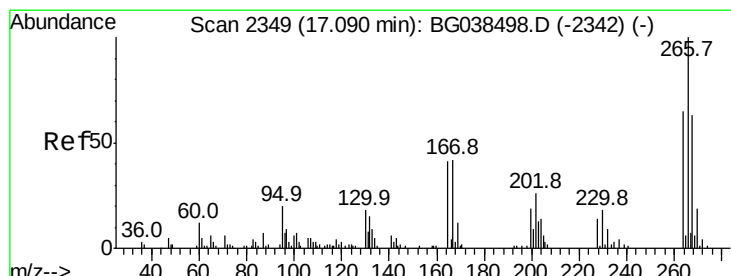
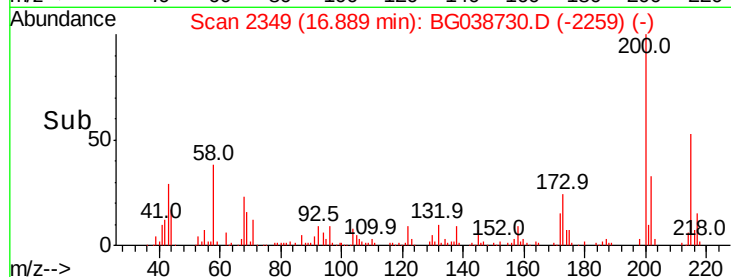
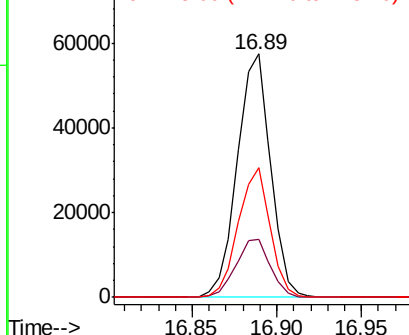


Abundance

Ion 200.00 (199.70 to 200.70): E

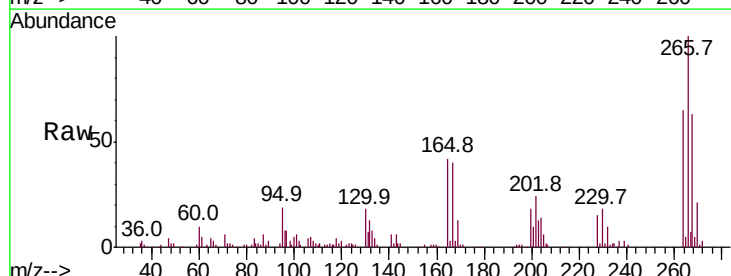
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 74.540 ng
 RT: 17.09 min Scan# 2383
 Delta R.T. -0.00 min
 Lab File: BG038730.D
 Acq: 19 Dec 2018 17:05

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.7	55.0	82.6
264	70.0	56.7	85.1

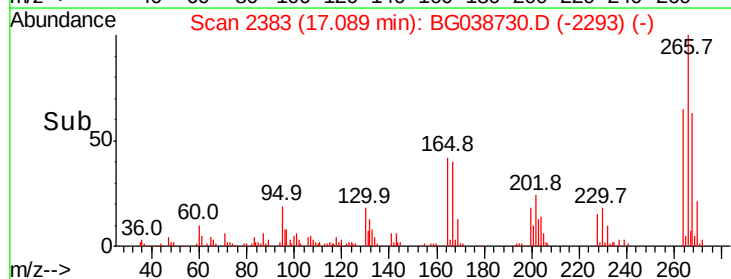
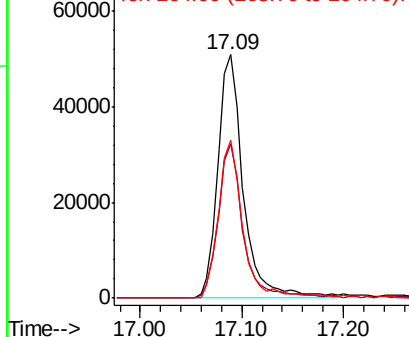


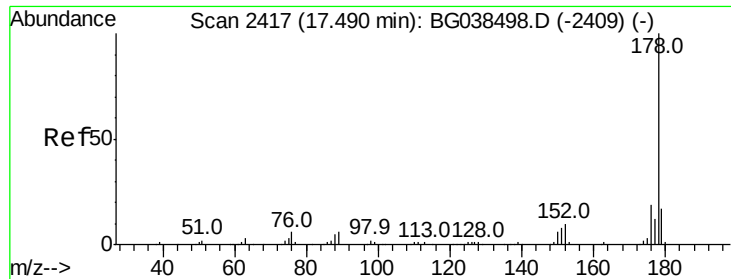
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





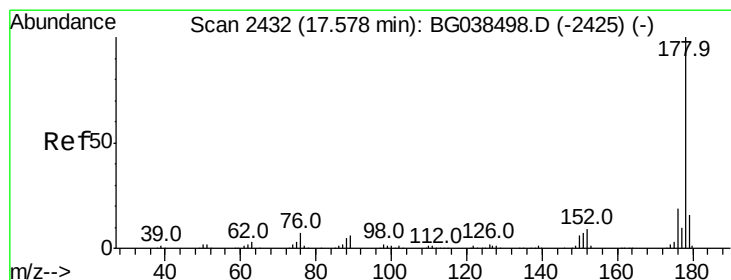
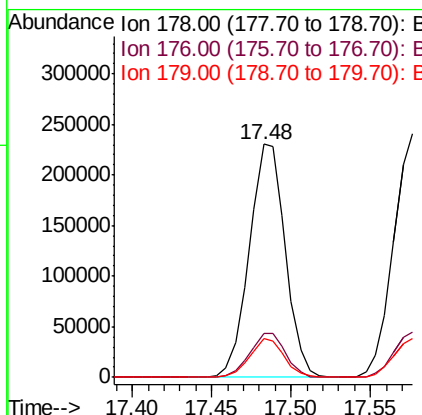
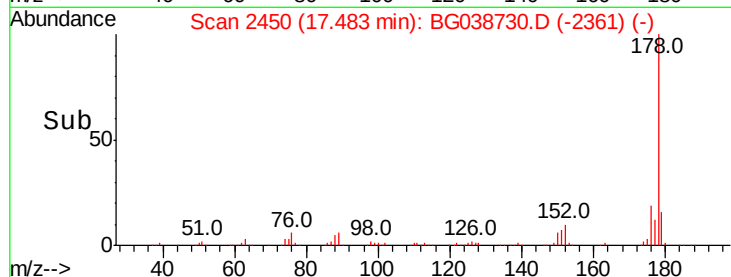
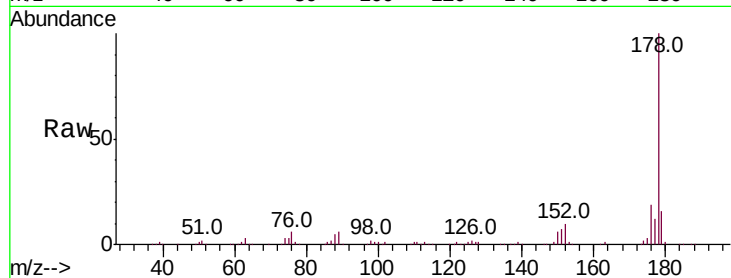
#71
 Phenanthrene
 Concen: 43.953 ng
 RT: 17.48 min Scan# 2450
 Delta R.T. -0.01 min
 Lab File: BG038730.D
 Acq: 19 Dec 2018 17:05

Instrument :
 BNA_G
 ClientSampleId :
 PB115831BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.1	22.7
179	16.4	13.2	19.8

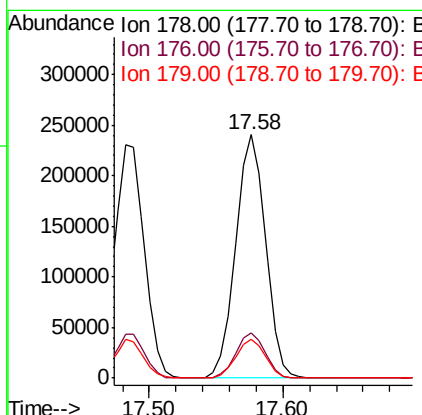
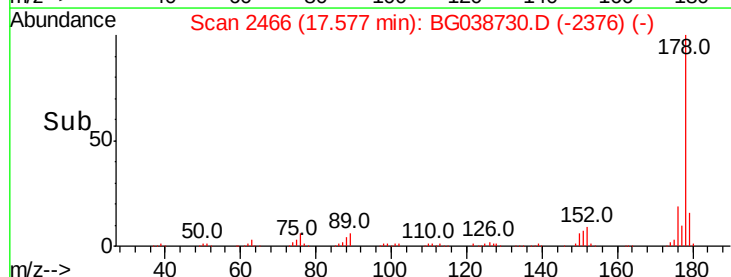
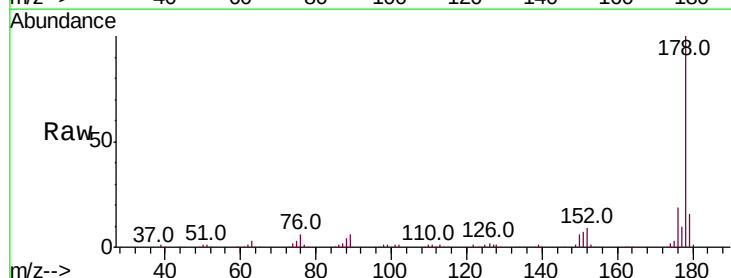
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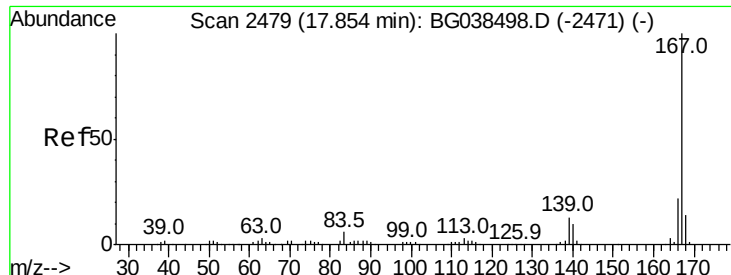
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#72
 Anthracene
 Concen: 45.576 ng
 RT: 17.58 min Scan# 2466
 Delta R.T. -0.00 min
 Lab File: BG038730.D
 Acq: 19 Dec 2018 17:05

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.1	22.7
179	16.2	12.9	19.3





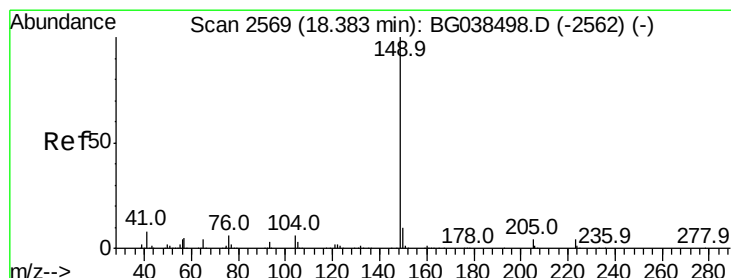
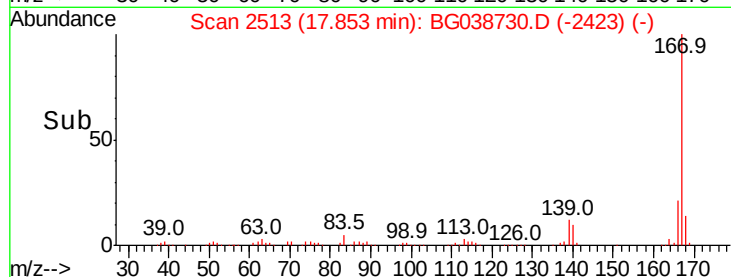
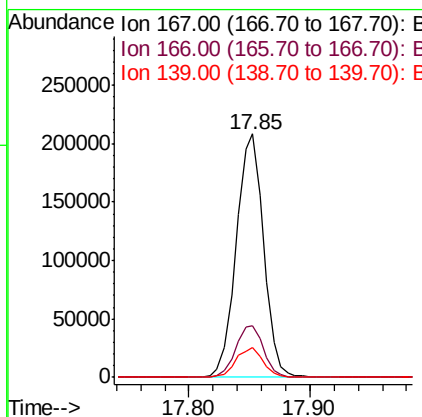
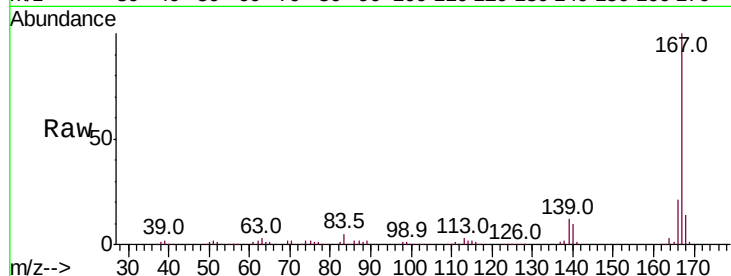
#73
 Carbazole
 Concen: 40.775 ng
 RT: 17.85 min Scan# 2513
 Delta R.T. -0.00 min
 Lab File: BG038730.D
 Acq: 19 Dec 2018 17:05

Instrument :
 BNA_G
 ClientSampleId :
 PB115831BS

Tot Ion	Ratio	Resp	Lower	Upper
167	100			
166	21.0	17.9	26.9	
139	12.1	10.2	15.2	

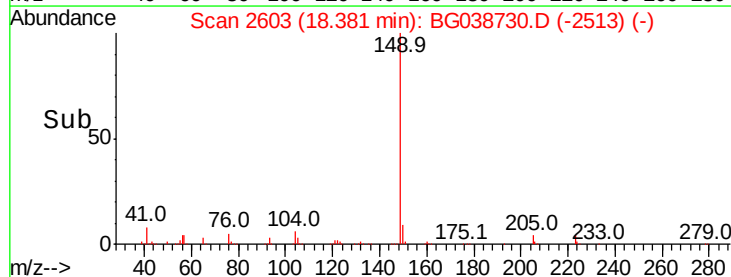
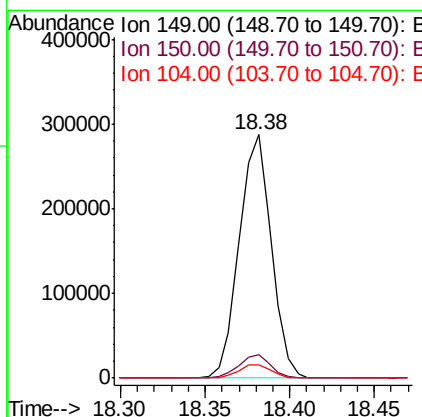
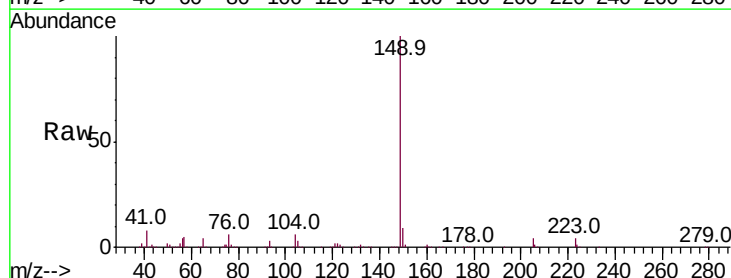
Manual Integrations
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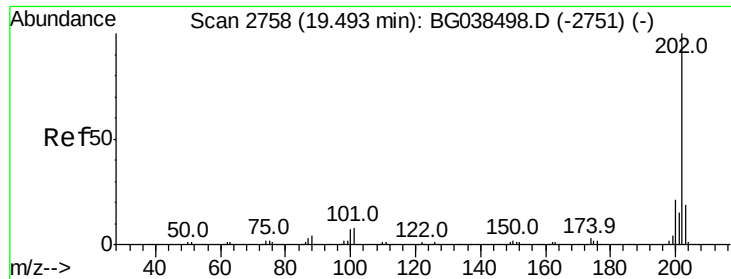
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#74
 Di-n-butylphthalate
 Concen: 41.131 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. -0.00 min
 Lab File: BG038730.D
 Acq: 19 Dec 2018 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.5	7.6	11.4	
104	5.5	5.0	7.4	





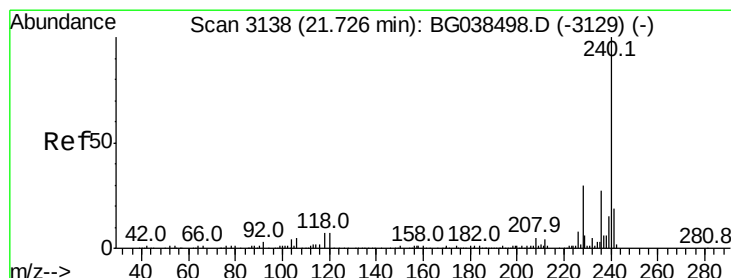
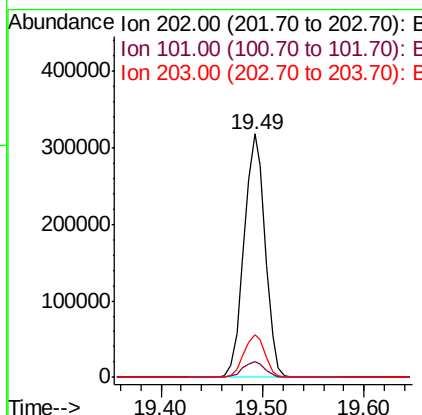
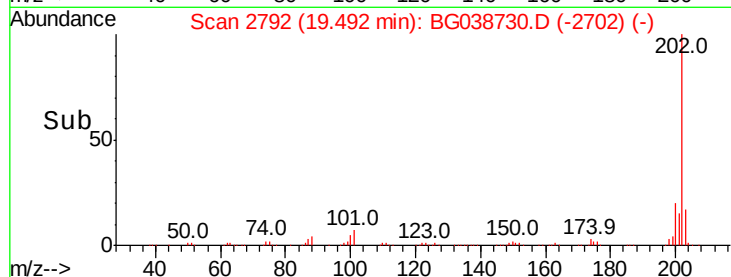
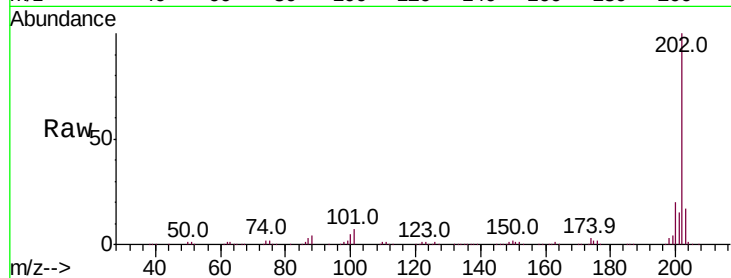
#75
 Fluoranthene
 Concen: 44.868 ng
 RT: 19.49 min Scan# 2792
 Delta R.T. -0.00 min
 Lab File: BG038730.D
 Acq: 19 Dec 2018 17:05

Instrument :
 BNA_G
 ClientSampleId :
 PB115831BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	459078		
101	6.6	0.0	28.1	
203	17.4	0.0	39.0	

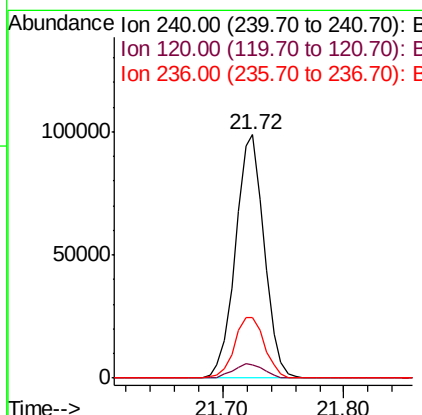
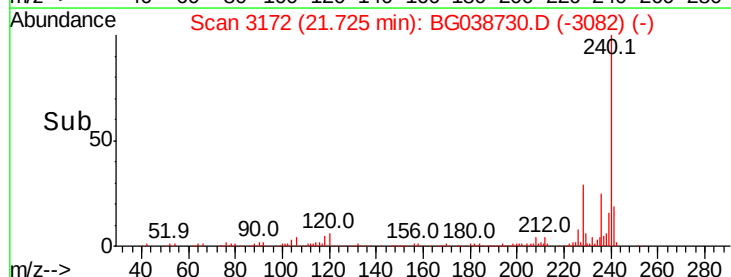
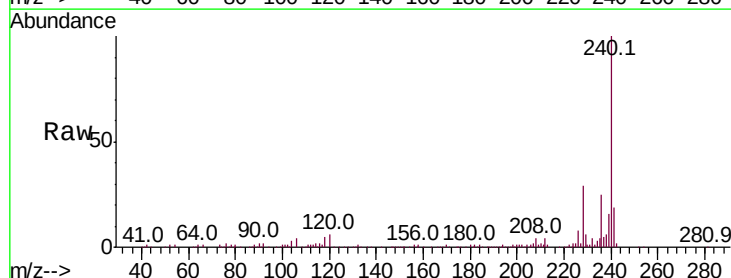
Manual Integrations
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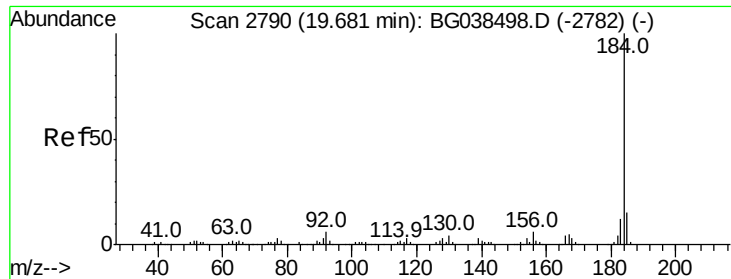
Sohil
 12/20/2018 1:06:35 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3172
 Delta R.T. -0.00 min
 Lab File: BG038730.D
 Acq: 19 Dec 2018 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	163474		
120	5.5	5.3	7.9	
236	24.7	21.4	32.2	





#77

Benzidine

Concen: 40.046 ng

RT: 19.67 min Scan# 2823

Delta R.T. -0.01 min

Lab File: BG038730.D

Acq: 19 Dec 2018 17:05

Instrument :

BNA_G

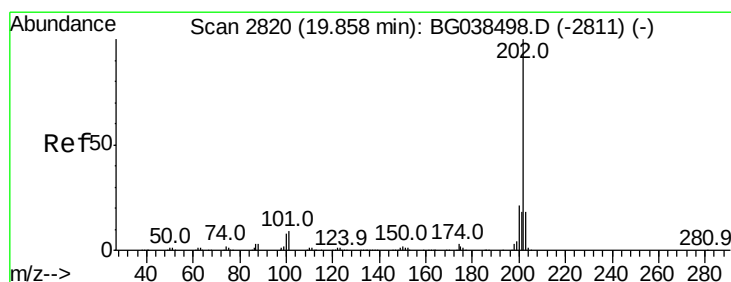
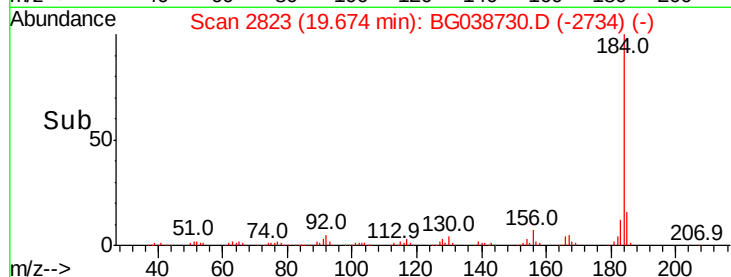
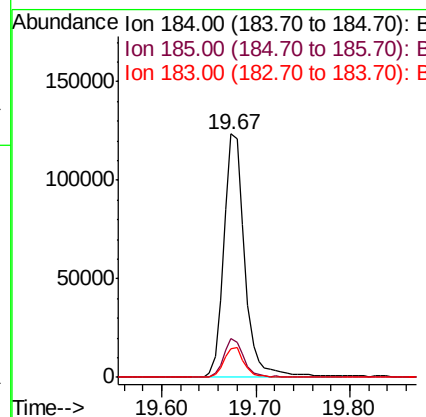
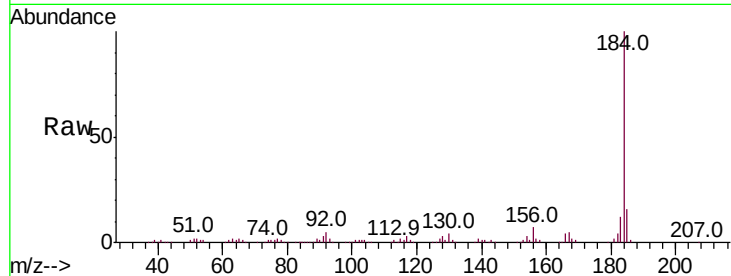
ClientSampleId :

PB115831BS

Tot Ion:	184	Resp:	193606
Ion Ratio	Lower	Upper	
184	100		
185	16.0	12.2	18.2
183	11.6	9.6	14.4

Manual Integrations
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#78

Pyrene

Concen: 41.930 ng

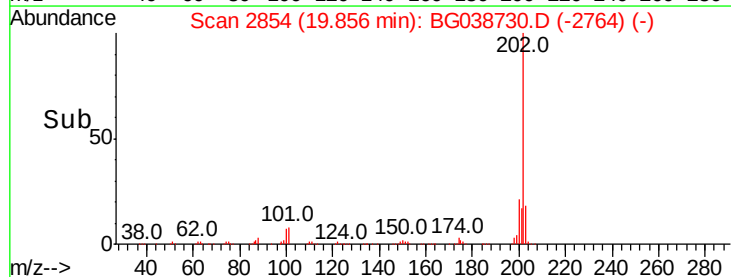
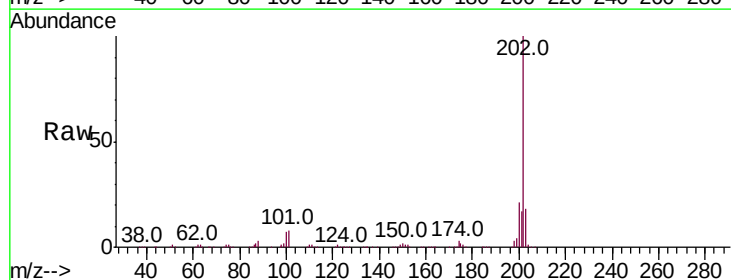
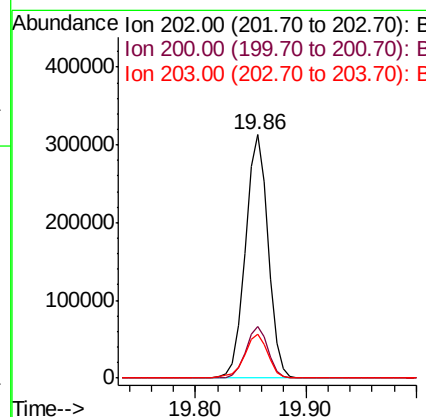
RT: 19.86 min Scan# 2854

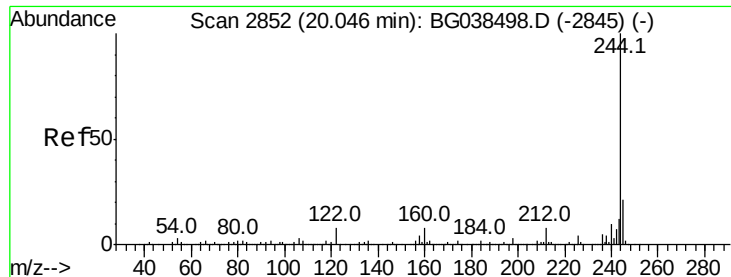
Delta R.T. -0.00 min

Lab File: BG038730.D

Acq: 19 Dec 2018 17:05

Tgt Ion:	202	Resp:	452827
Ion Ratio	Lower	Upper	
202	100		
200	21.1	16.6	25.0
203	17.9	14.6	21.8





#79

Terphenyl-d14

Concen: 84.086 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038730.D

Acq: 19 Dec 2018 17:05

Instrument :

BNA_G

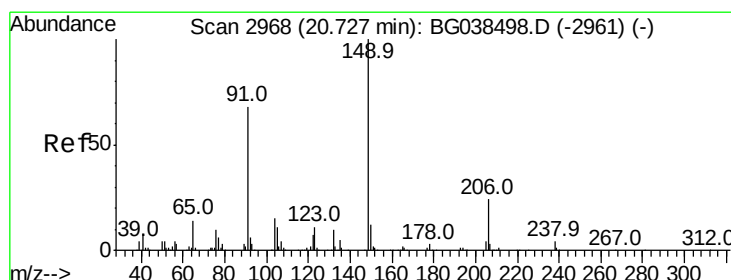
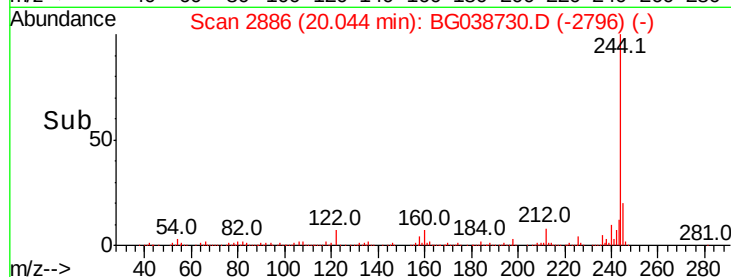
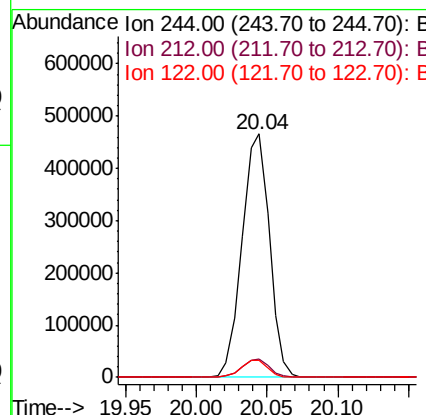
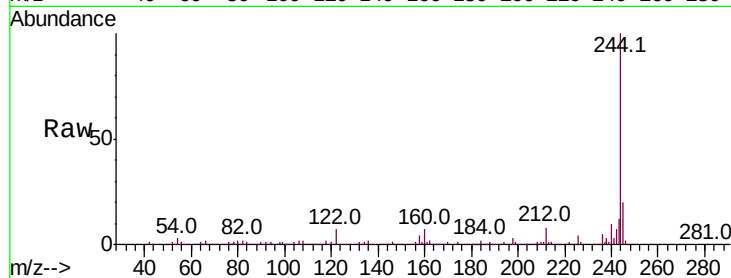
ClientSampleId :

PB115831BS

Tot Ion:	244	Resp:	631610
Ion Ratio		Lower	Upper
244	100		
212	7.6	6.2	9.2
122	6.8	6.3	9.5

Manual Integrations
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#80

Butylbenzylphthalate

Concen: 41.057 ng

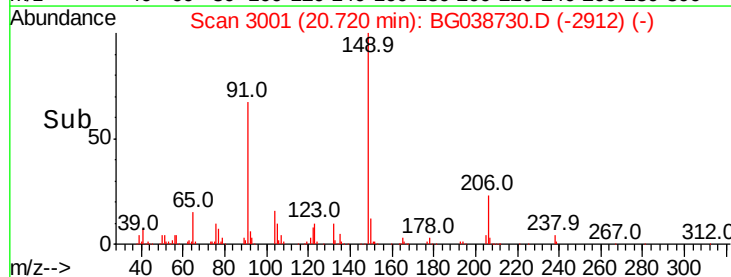
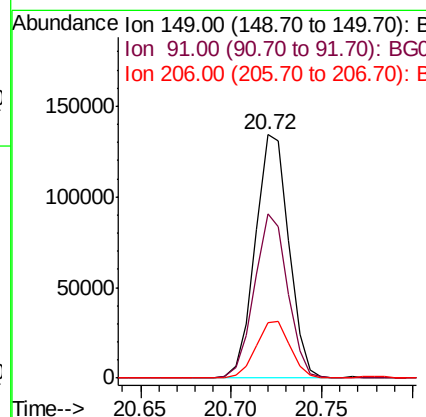
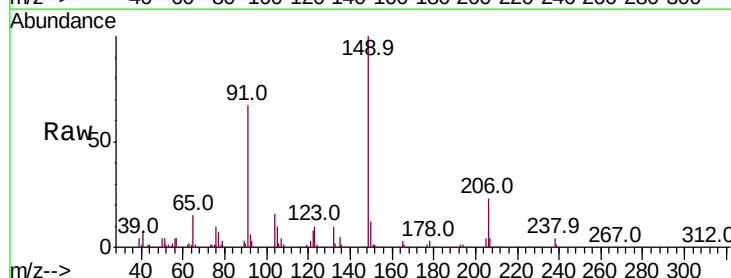
RT: 20.72 min Scan# 3001

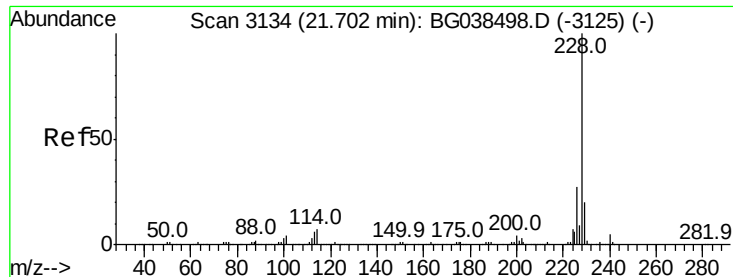
Delta R.T. -0.01 min

Lab File: BG038730.D

Acq: 19 Dec 2018 17:05

Tgt Ion:	149	Resp:	173229
Ion Ratio		Lower	Upper
149	100		
91	67.3	54.5	81.7
206	23.0	19.0	28.6





#81

Benzo(a)anthracene

Concen: 44.892 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.00 min

Lab File: BG038730.D

Acq: 19 Dec 2018 17:05

Instrument :

BNA_G

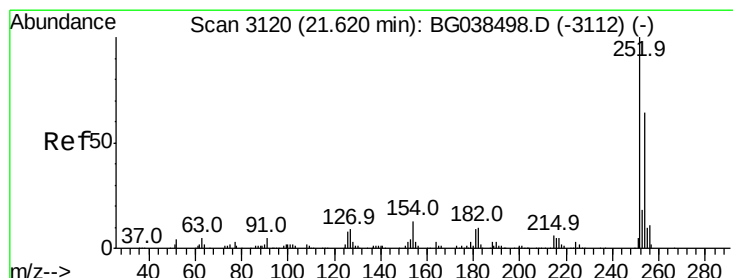
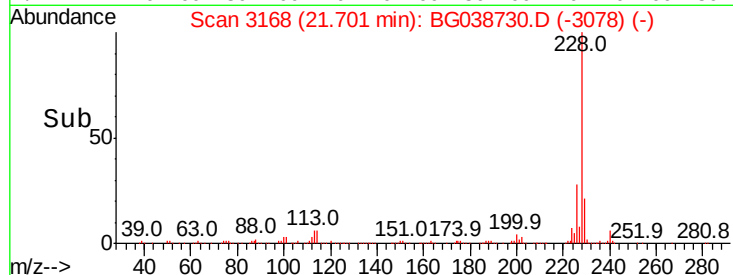
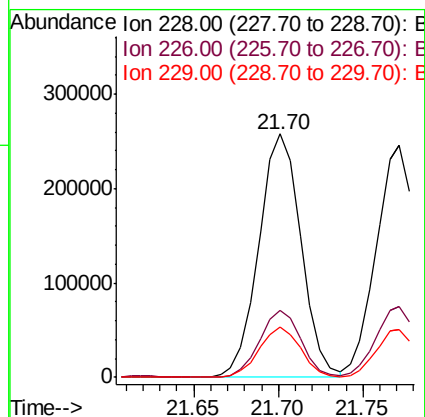
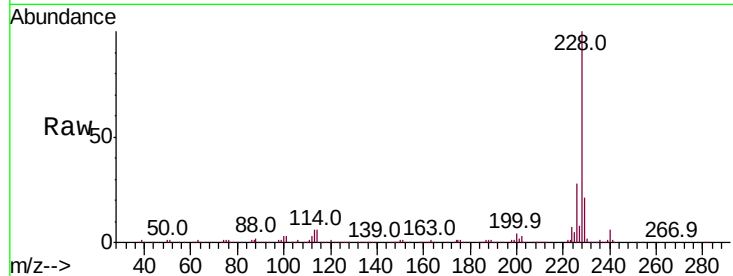
ClientSampleId :

PB115831BS

Tot Ion:	228	Resp:	447183
Ion Ratio	Lower	Upper	
228	100		
226	27.6	21.8	32.8
229	20.9	15.8	23.6

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 29.627 ng

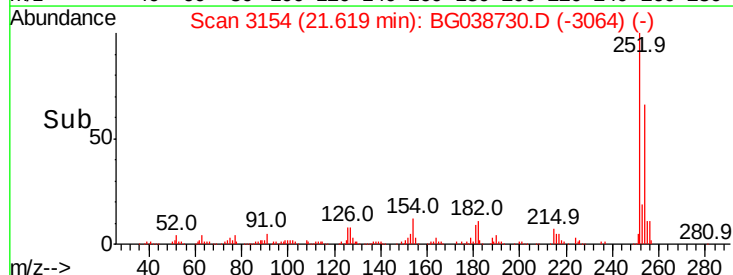
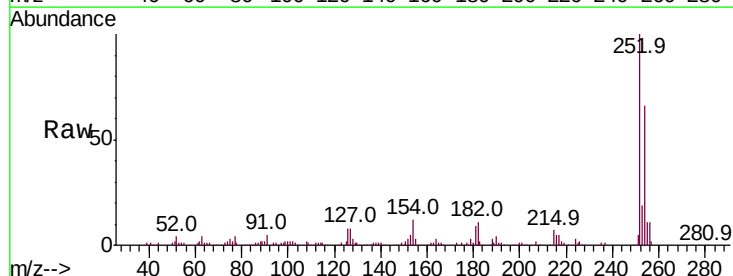
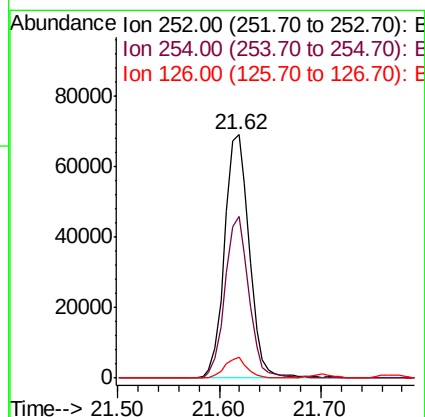
RT: 21.62 min Scan# 3154

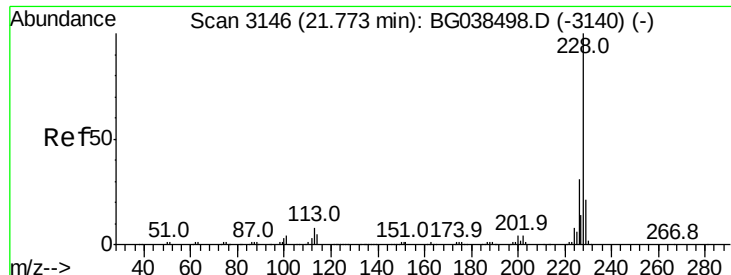
Delta R.T. -0.00 min

Lab File: BG038730.D

Acq: 19 Dec 2018 17:05

Tgt Ion:	252	Resp:	117045
Ion Ratio	Lower	Upper	
252	100		
254	66.2	50.9	76.3
126	8.5	6.3	9.5





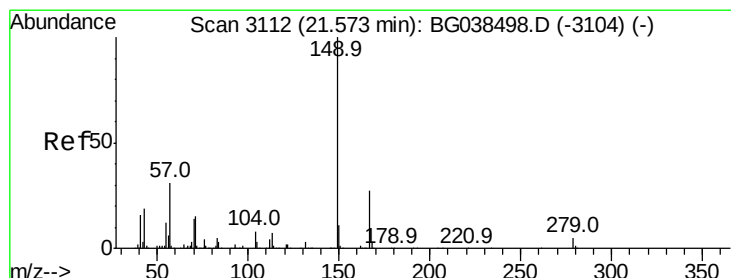
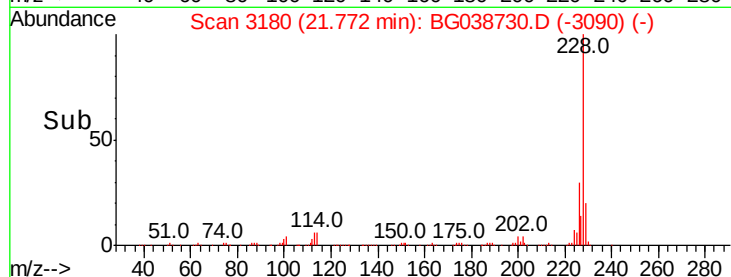
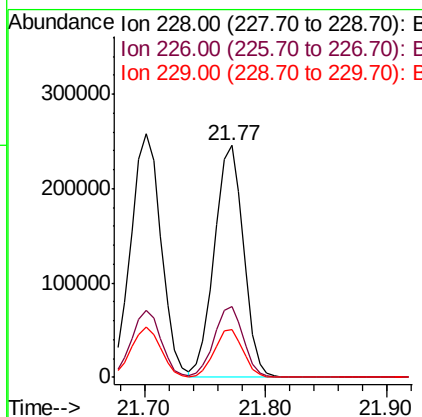
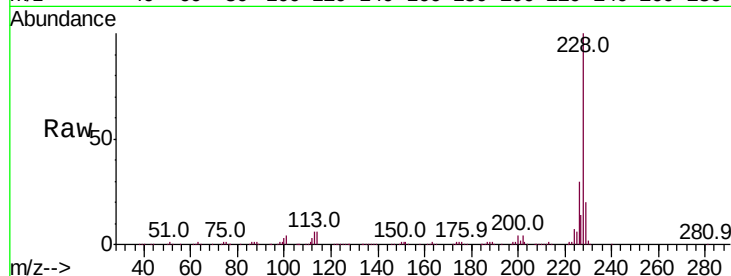
#83
 Chrysene
 Concen: 42.684 ng
 RT: 21.77 min Scan# 3180
 Delta R.T. -0.00 min
 Lab File: BG038730.D
 Acq: 19 Dec 2018 17:05

Instrument :
 BNA_G
 ClientSampleId :
 PB115831BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.4
229	20.4	16.5	24.7

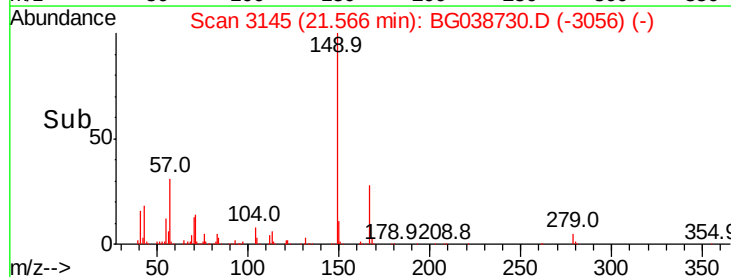
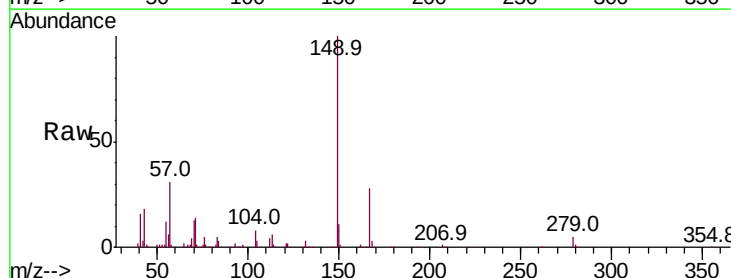
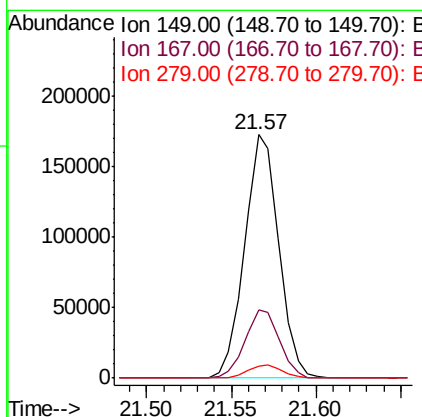
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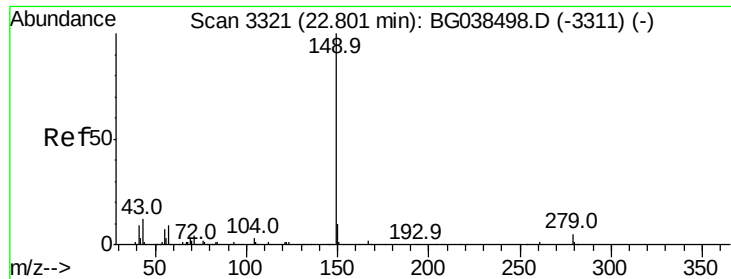
Sohil
 12/20/2018 1:06:35 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.506 ng
 RT: 21.57 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG038730.D
 Acq: 19 Dec 2018 17:05

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.0	21.9	32.9
279	5.0	4.2	6.2





#85

Di-n-octyl phthalate

Concen: 41.368 ng

RT: 22.79 min Scan# 3354

Delta R.T. -0.01 min

Lab File: BG038730.D

Acq: 19 Dec 2018 17:05

Instrument :

BNA_G

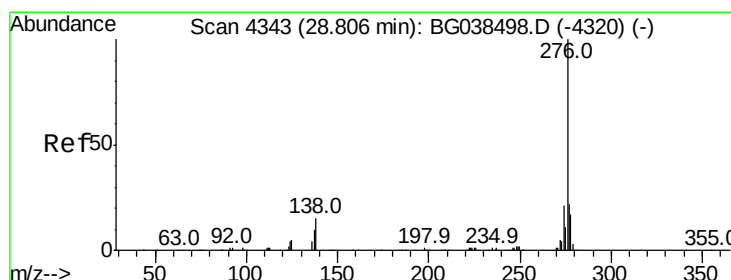
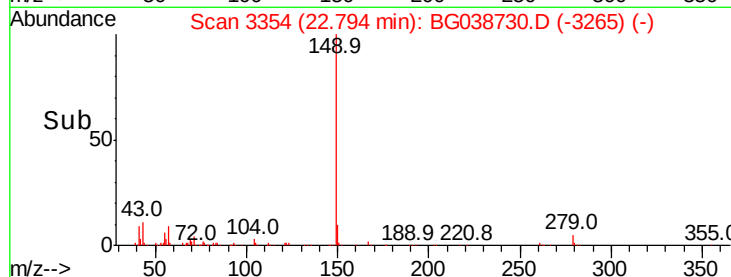
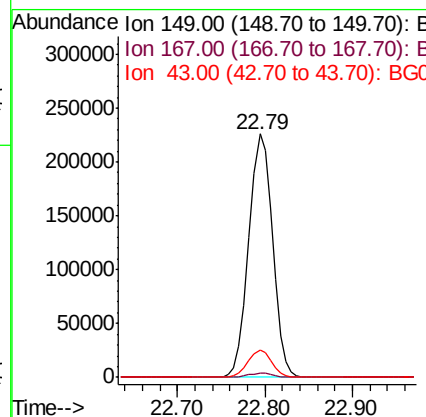
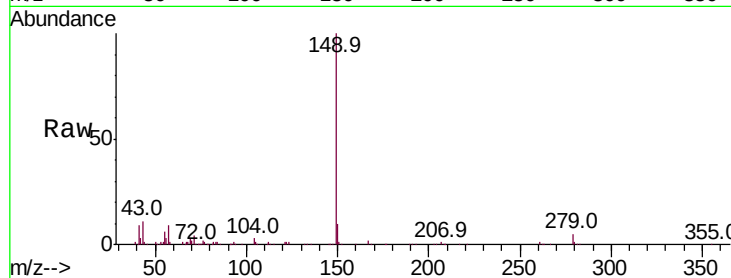
ClientSampleId :

PB115831BS

Tot Ion:	149	Resp:	414579
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.2	1.8
43	11.0	9.3	13.9

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#86

Indeno(1,2,3-cd)pyrene

Concen: 44.146 ng

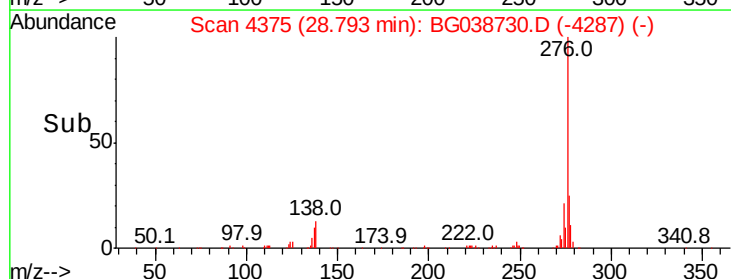
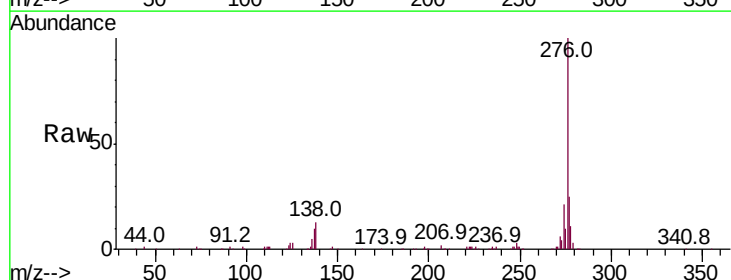
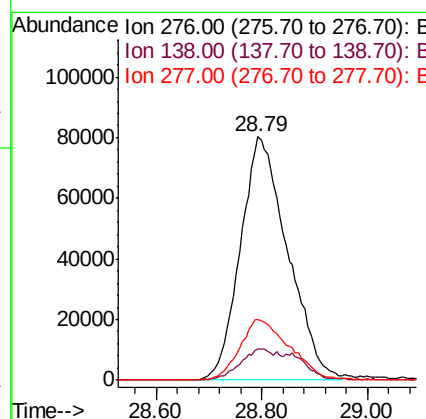
RT: 28.79 min Scan# 4375

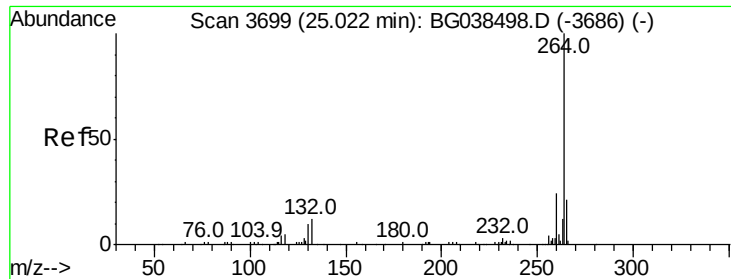
Delta R.T. -0.01 min

Lab File: BG038730.D

Acq: 19 Dec 2018 17:05

Tgt Ion:	276	Resp:	497970
Ion Ratio	Lower	Upper	
276	100		
138	10.4	14.4	21.6#
277	26.0	0.0	0.0#





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.01 min Scan# 3732

Delta R.T. -0.01 min

Lab File: BG038730.D

Acq: 19 Dec 2018 17:05

Instrument :

BNA_G

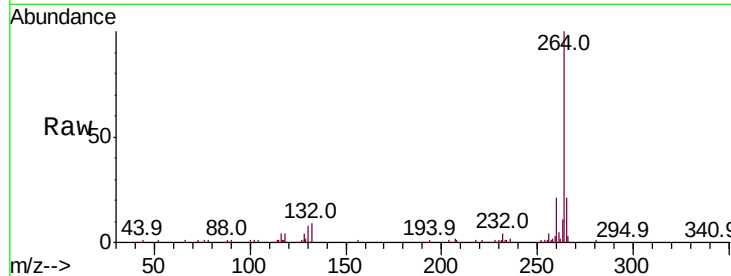
ClientSampleId :

PB115831BS

Tot Ion:	264	Resp:	171866
Ion Ratio	Lower	Upper	
264	100		
260	21.3	18.9	28.3
265	21.5	17.0	25.4

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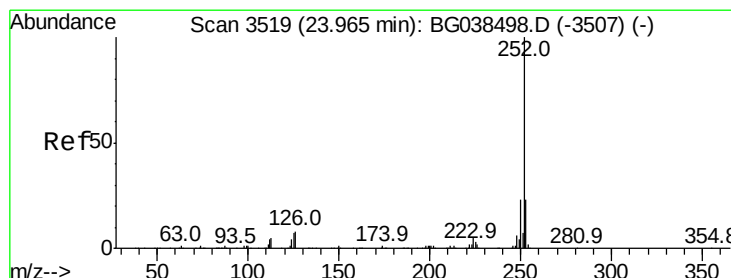
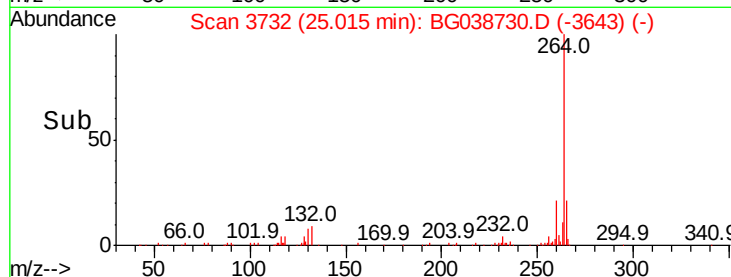
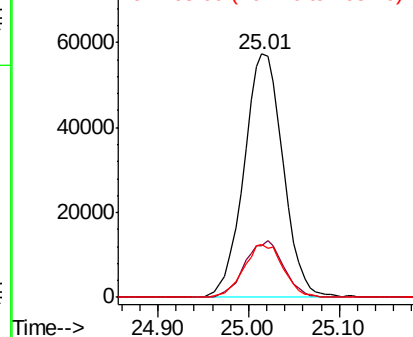


Abundance

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: 47.514 ng

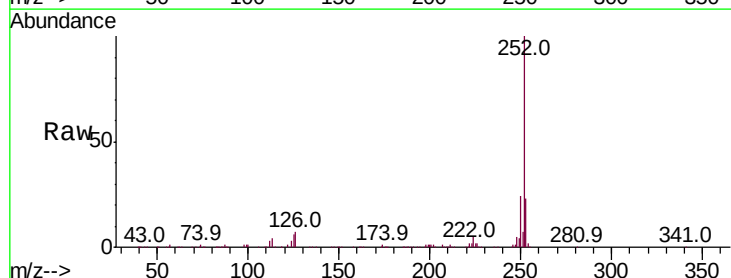
RT: 23.96 min Scan# 3553

Delta R.T. -0.00 min

Lab File: BG038730.D

Acq: 19 Dec 2018 17:05

Tgt Ion:	252	Resp:	448350
Ion Ratio	Lower	Upper	
252	100		
253	22.7	18.1	27.1
125	6.0	5.5	8.3

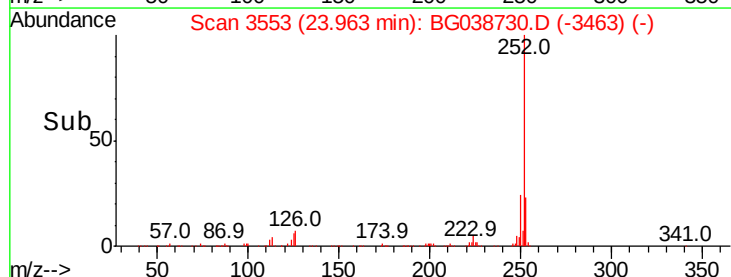
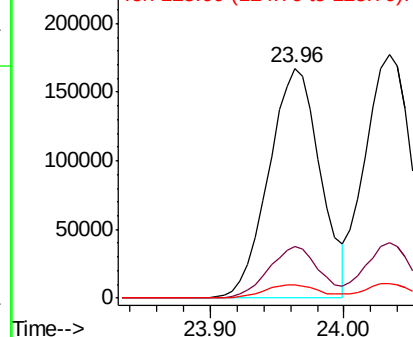


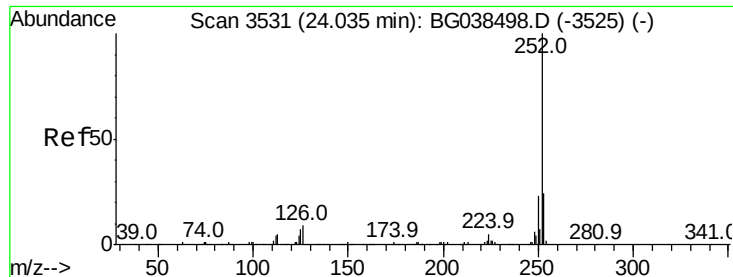
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





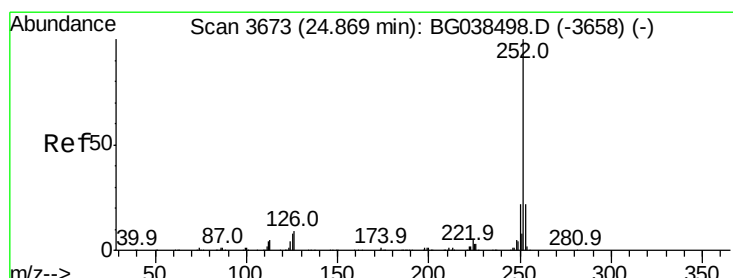
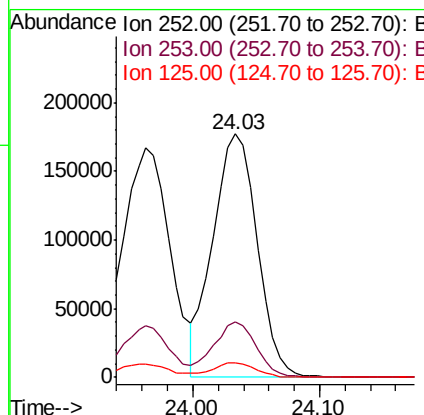
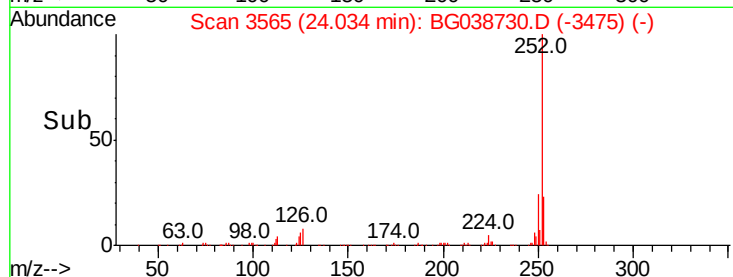
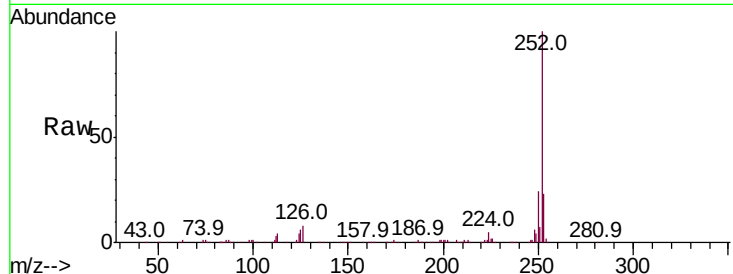
#89
Benzo(k)fluoranthene
Concen: 45.572 ng
RT: 24.03 min Scan# 3565
Delta R.T. -0.00 min
Lab File: BG038730.D
Acq: 19 Dec 2018 17:05

Instrument :
BNA_G
ClientSampleId :
PB115831BS

Tot Ion:	252	Resp:	428215
Ion Ratio	Lower	Upper	
252	100		
253	23.0	18.9	28.3
125	6.1	5.4	8.2

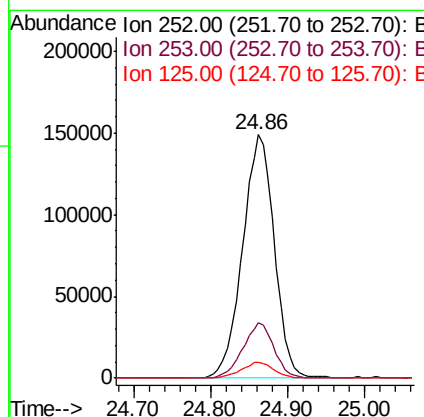
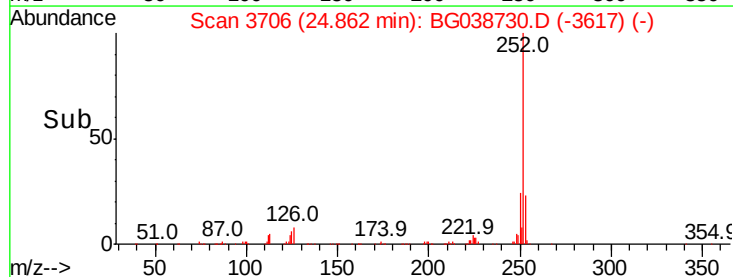
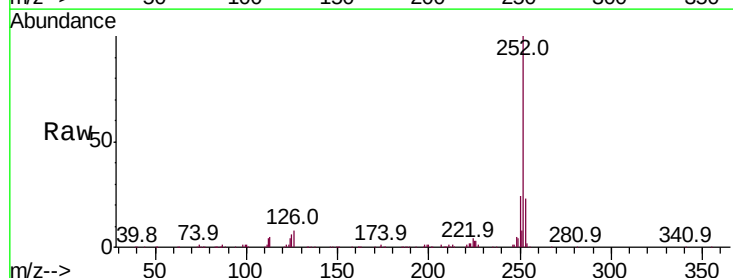
Manual Integrations
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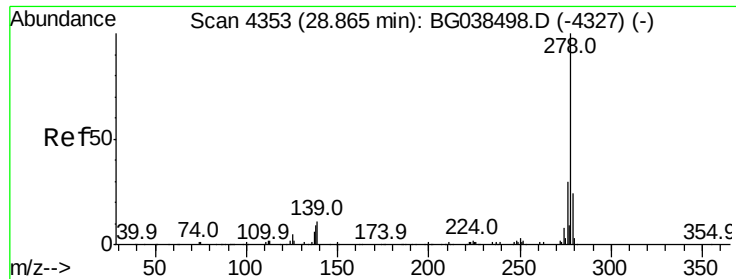
Sohil
12/20/2018 1:06:35 PM



#90
Benzo(a)pyrene
Concen: 47.148 ng
RT: 24.86 min Scan# 3706
Delta R.T. -0.01 min
Lab File: BG038730.D
Acq: 19 Dec 2018 17:05

Tgt Ion:	252	Resp:	429205
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.4	26.0
125	6.4	6.4	9.6





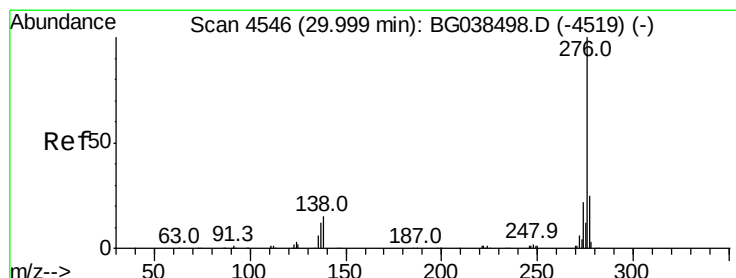
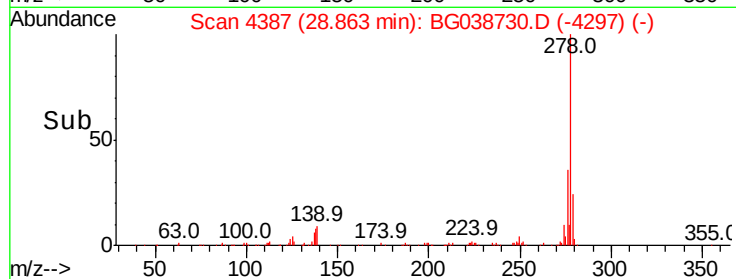
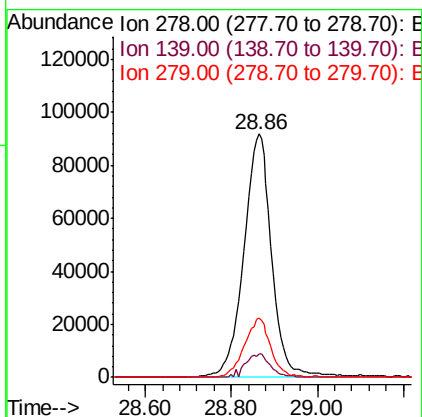
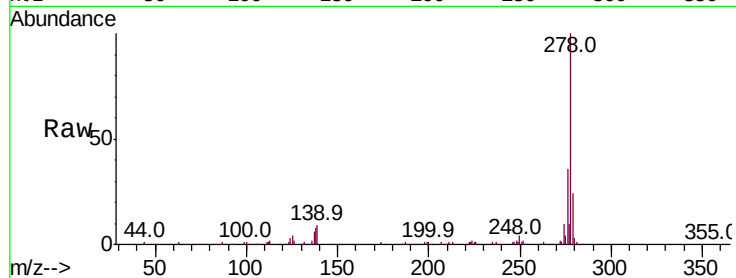
#91
Dibenzo(a,h)anthracene
Concen: 46.280 ng
RT: 28.86 min Scan# 4387
Delta R.T. -0.00 min
Lab File: BG038730.D
Acq: 19 Dec 2018 17:05

Instrument :
BNA_G
ClientSampleId :
PB115831BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.5	8.6	12.8
279	24.5	19.0	28.6

Manual Integrations
APPROVED

Sohil
12/20/2018 1:06:35 PM



#92
Benzo(g,h,i)perylene
Concen: 46.402 ng
RT: 29.99 min Scan# 4579
Delta R.T. -0.01 min
Lab File: BG038730.D
Acq: 19 Dec 2018 17:05

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.8	29.8
138	13.4	11.8	17.6

