

#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.06 min Scan# 846

Delta R.T. -0.00 min

Lab File: BG038609.D

Acq: 15 Dec 2018 18:08

Instrument :

BNA_G

ClientSampled :

PB115540BS

Tot Ion:152 Resp: 22452

Ion Ratio Lower Upper

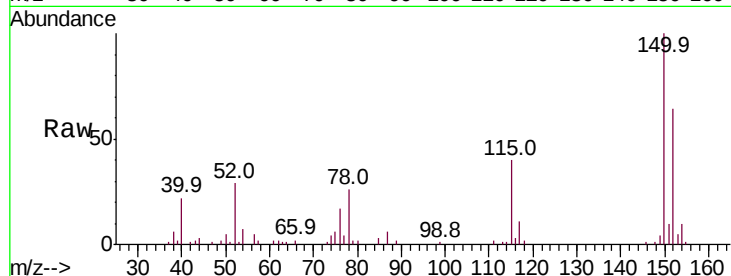
152 100

150 156.2 119.5 179.3

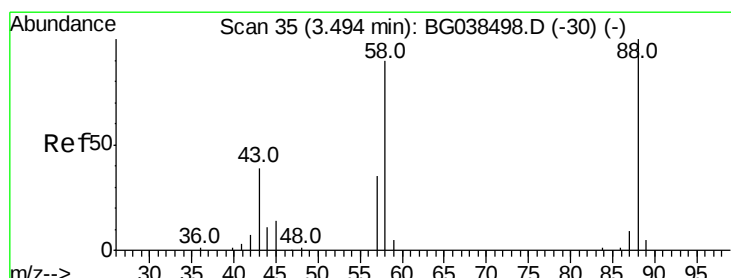
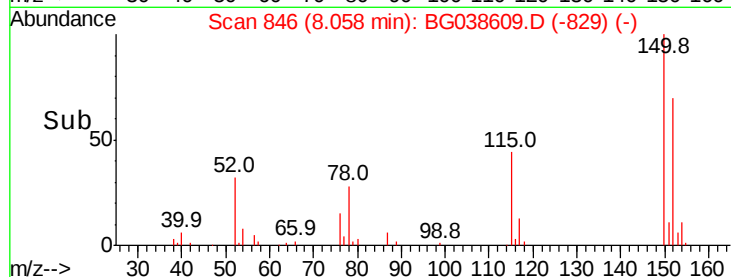
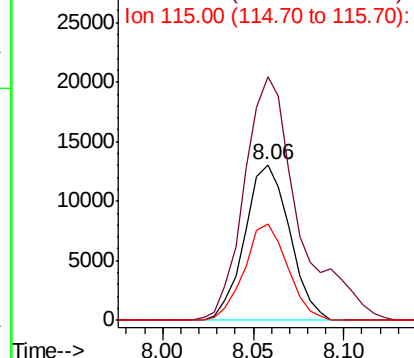
115 62.3 49.6 74.4

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 29.619 ng

RT: 3.49 min Scan# 68

Delta R.T. -0.01 min

Lab File: BG038609.D

Acq: 15 Dec 2018 18:08

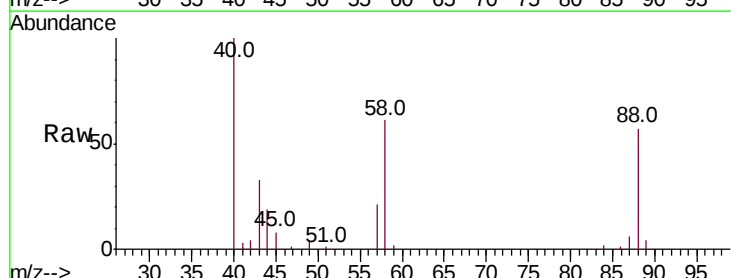
Tgt Ion: 88 Resp: 17450

Ion Ratio Lower Upper

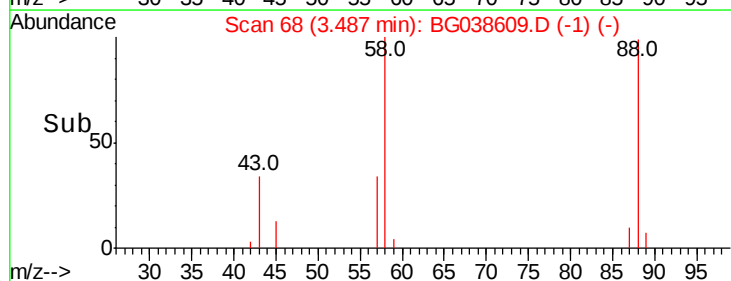
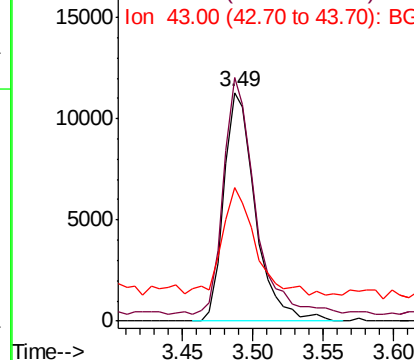
88 100

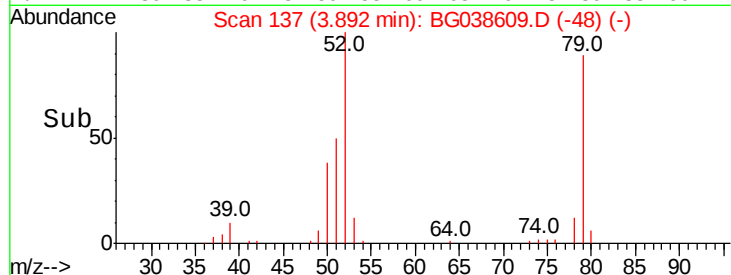
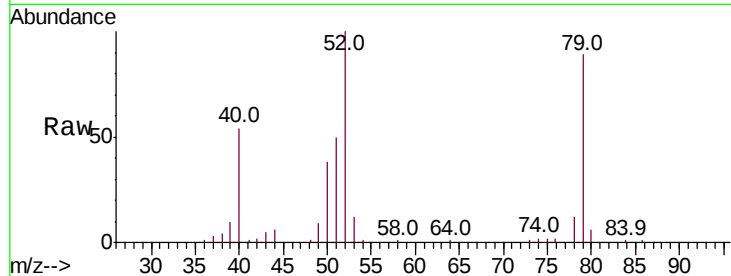
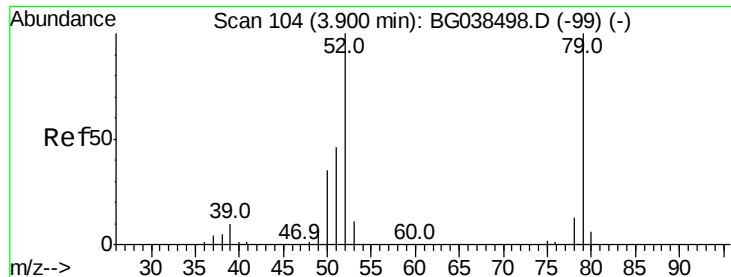
58 105.5 75.7 113.5

43 50.1 31.6 47.4#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





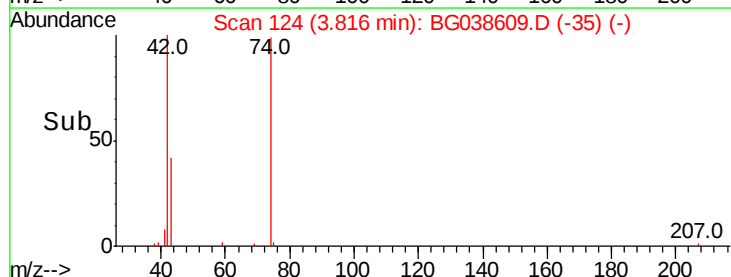
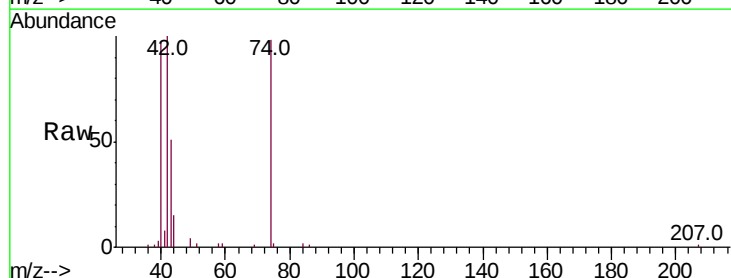
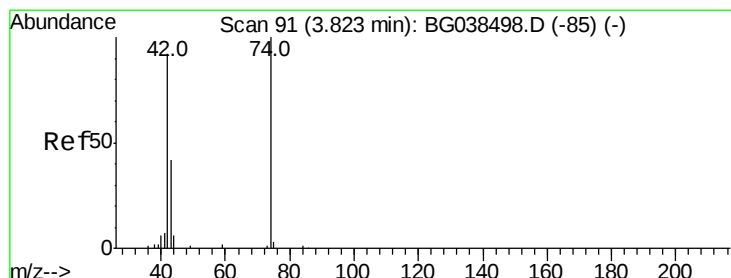
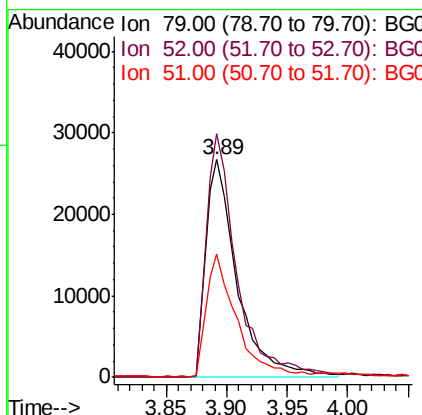
#3
Pvridine
Concen: 29.448 ng
RT: 3.89 min Scan# 137
Delta R.T. -0.01 min
Lab File: BG038609.D
Acq: 15 Dec 2018 18:08

Tot Ion: 79 Resp: 47767
Ion Ratio Lower Upper
79 100
52 112.0 80.2 120.2
51 56.5 38.0 57.0

Instrument :
BNA_G
ClientSampleId :
PB115540BS

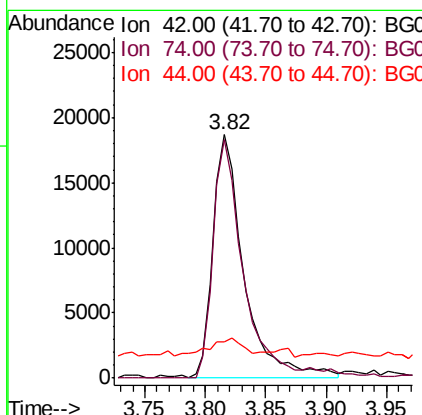
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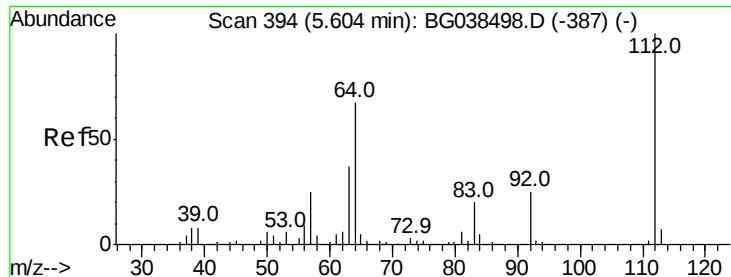
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#4
n-Nitrosodimethylamine
Concen: 41.904 ng
RT: 3.82 min Scan# 124
Delta R.T. -0.01 min
Lab File: BG038609.D
Acq: 15 Dec 2018 18:08

Tgt Ion: 42 Resp: 33304
Ion Ratio Lower Upper
42 100
74 97.8 86.7 130.1
44 14.8 7.8 11.8#





#5

2-Fluorophenol

Concen: 85.411 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.00 min

Lab File: BG038609.D

Acq: 15 Dec 2018 18:08

Instrument :

BNA_G

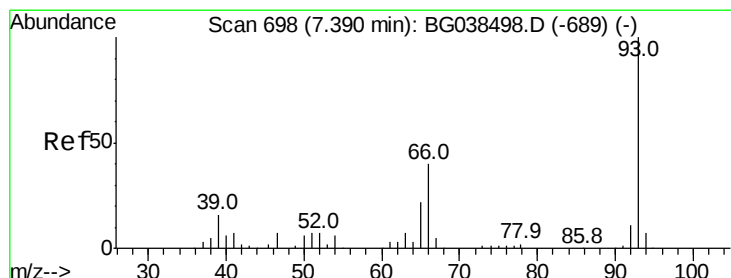
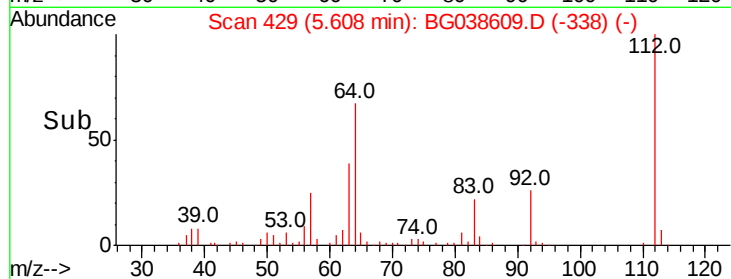
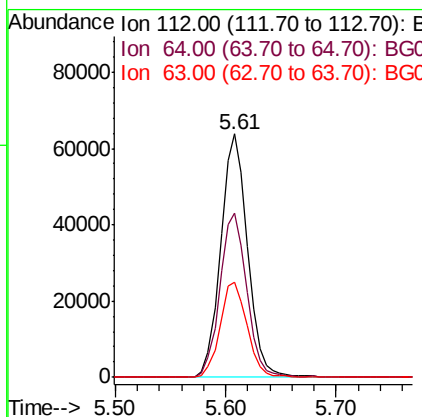
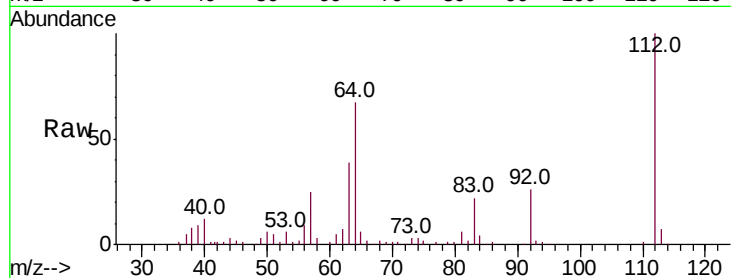
ClientSampleId :

PB115540BS

Tot Ion:	112	Resp:	108119
Ion Ratio	Lower	Upper	
112	100		
64	67.3	53.4	80.2
63	39.2	29.3	43.9

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#6

Aniline

Concen: 17.978 ng

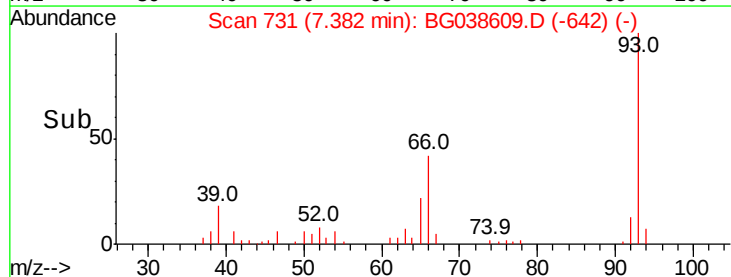
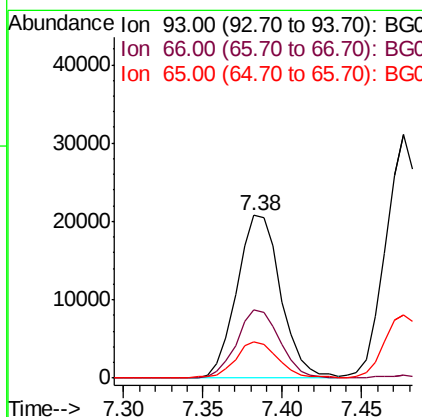
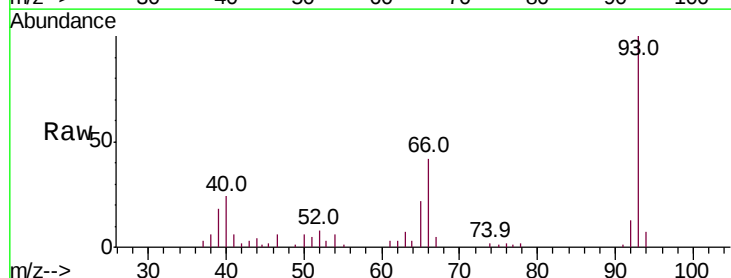
RT: 7.38 min Scan# 731

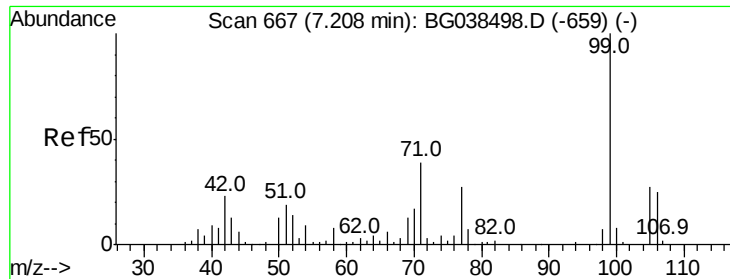
Delta R.T. -0.01 min

Lab File: BG038609.D

Acq: 15 Dec 2018 18:08

Tgt Ion:	93	Resp:	39882
Ion Ratio	Lower	Upper	
93	100		
66	42.3	31.7	47.5
65	22.3	17.8	26.6





#7

Phenol-d6

Concen: 84.726 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038609.D

Acq: 15 Dec 2018 18:08

Instrument :

BNA_G

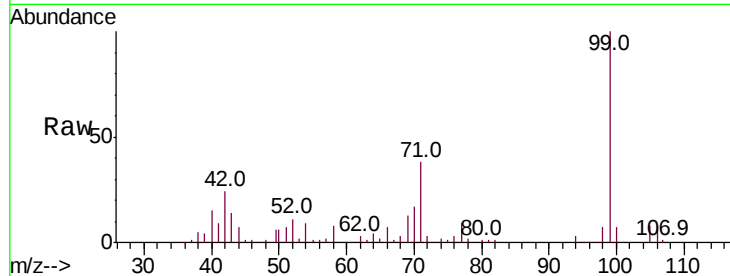
ClientSampled :

PB115540BS

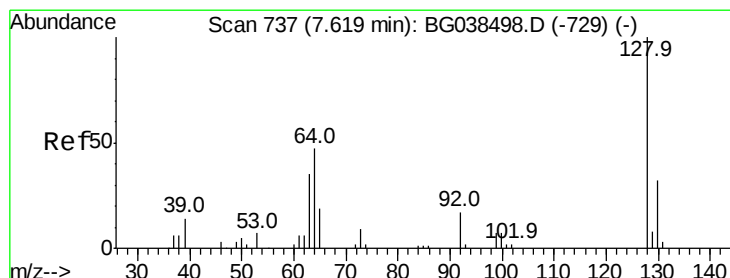
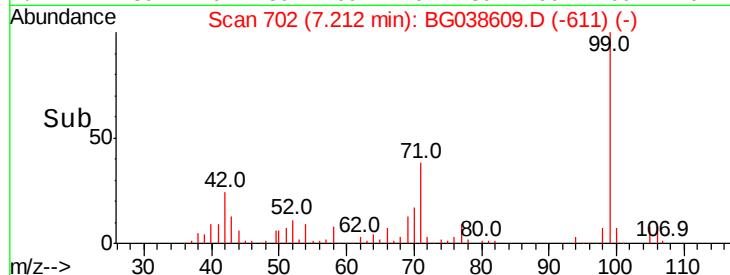
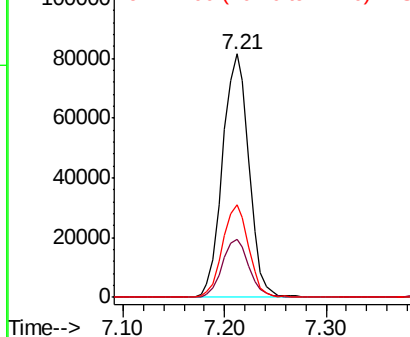
Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		147236		
42	24.0	18.5	27.7		
71	38.2	31.1	46.7		

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



#8

2-Chlorophenol

Concen: 39.684 ng

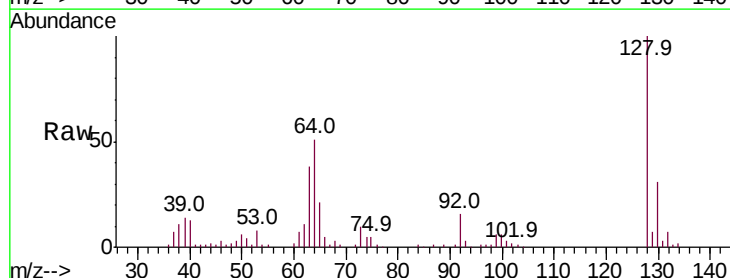
RT: 7.62 min Scan# 771

Delta R.T. -0.00 min

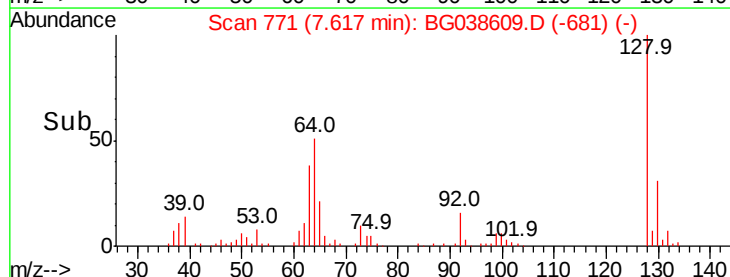
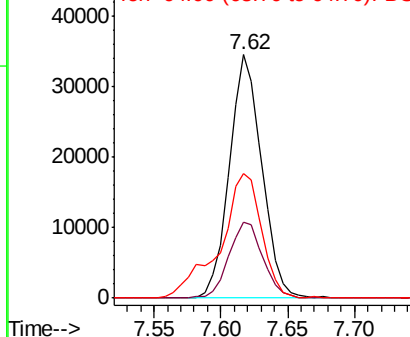
Lab File: BG038609.D

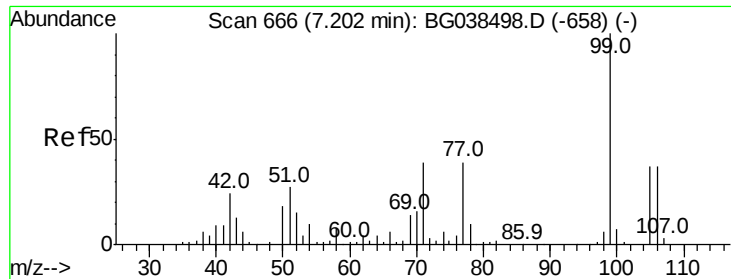
Acq: 15 Dec 2018 18:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		58133		
130	31.3	11.8	51.8		
64	51.0	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: 20.225 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG038609.D

Acq: 15 Dec 2018 18:08

Instrument :

BNA_G

ClientSampleId :

PB115540BS

Tot Ion: 77 Resp: 22800

Ion Ratio Lower Upper

77 100

105 95.6 74.0 114.0

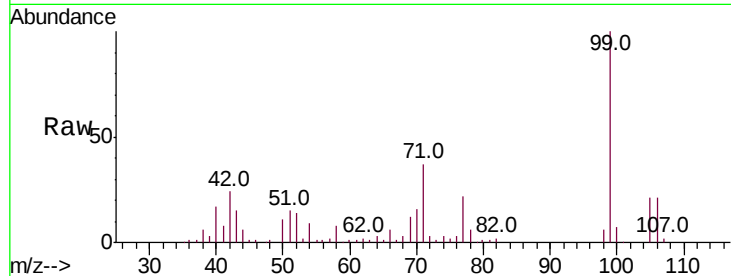
106 94.4 73.9 113.9

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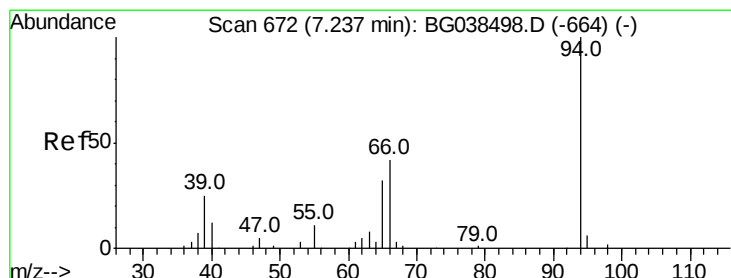
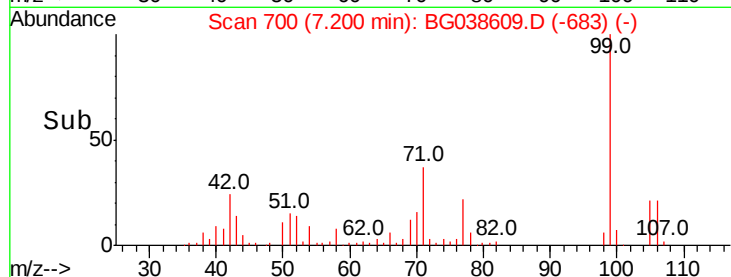
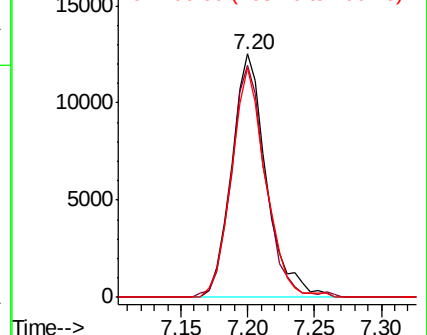
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 40.795 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG038609.D

Acq: 15 Dec 2018 18:08

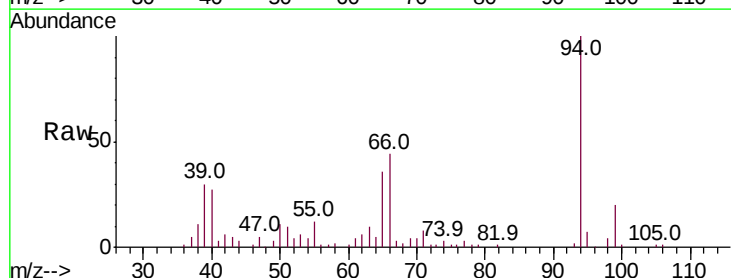
Tgt Ion: 94 Resp: 75317

Ion Ratio Lower Upper

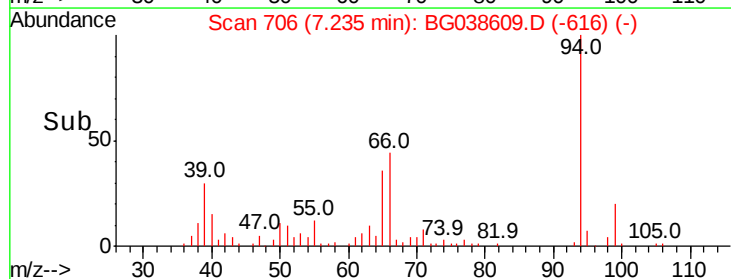
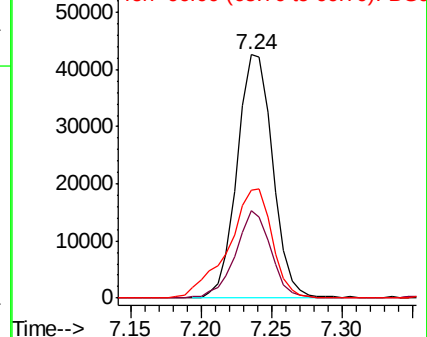
94 100

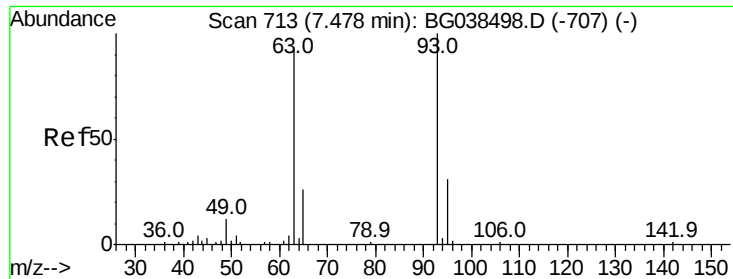
65 36.1 12.6 52.6

66 44.4 24.1 64.1



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





#11

bis(2-Chloroethyl)ether

Concen: 34.141 ng

RT: 7.48 min Scan# 747

Delta R.T. -0.00 min

Lab File: BG038609.D

Acq: 15 Dec 2018 18:08

Instrument :

BNA_G

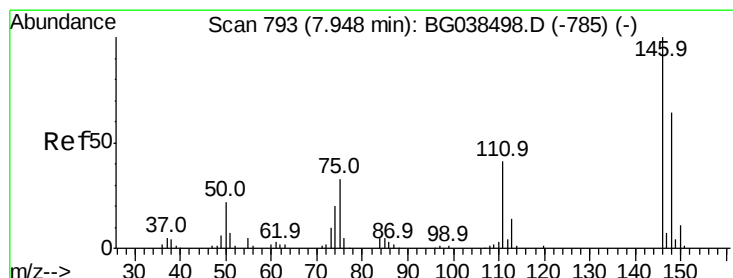
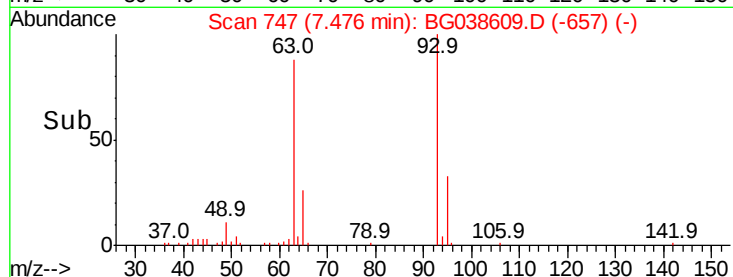
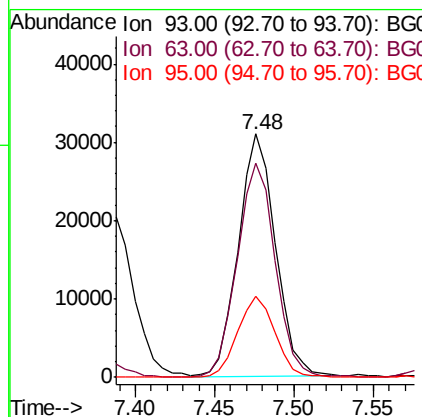
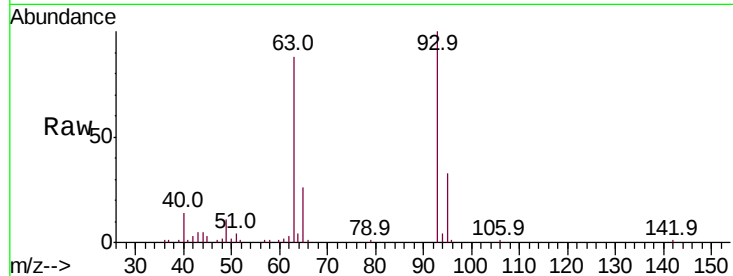
ClientSampleId :

PB115540BS

Tot Ion:	93	Resp:	50183
Ion	Ratio	Lower	Upper
93	100		
63	87.8	72.2	112.2
95	33.4	11.2	51.2

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#12

1,3-Dichlorobenzene

Concen: 35.160 ng

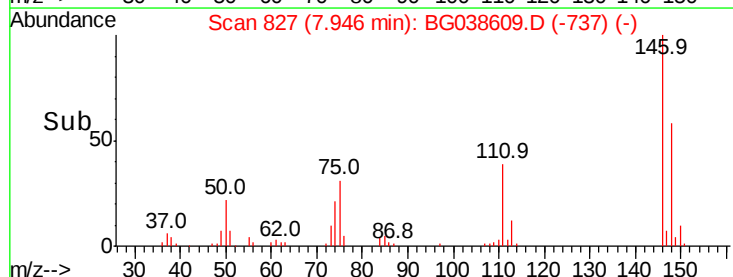
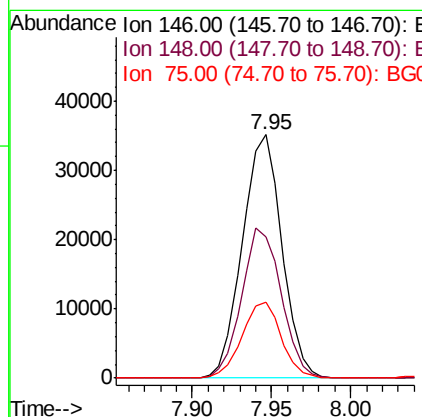
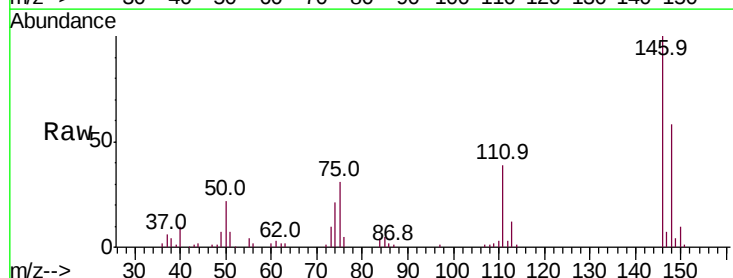
RT: 7.95 min Scan# 827

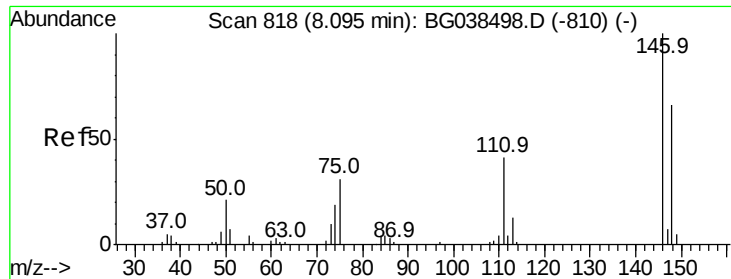
Delta R.T. -0.00 min

Lab File: BG038609.D

Acq: 15 Dec 2018 18:08

Tgt Ion:	146	Resp:	60900
Ion	Ratio	Lower	Upper
146	100		
148	58.1	51.4	77.0
75	31.3	26.1	39.1





#13

1,4-Dichlorobenzene

Concen: 34.273 ng

RT: 8.09 min Scan# 852

Delta R.T. -0.00 min

Lab File: BG038609.D

Acq: 15 Dec 2018 18:08

Instrument :

BNA_G

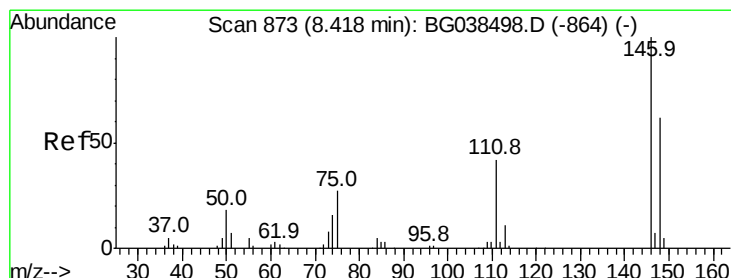
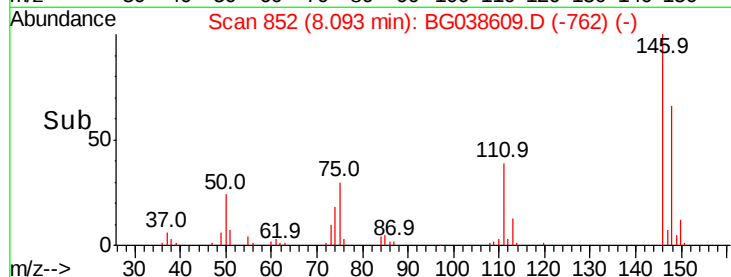
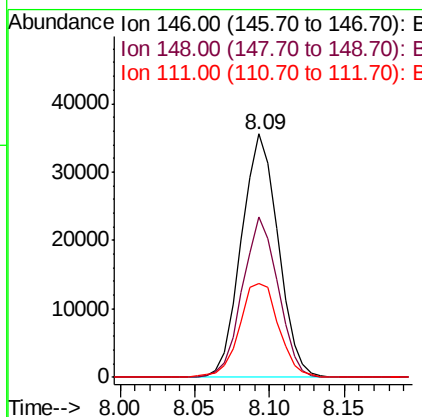
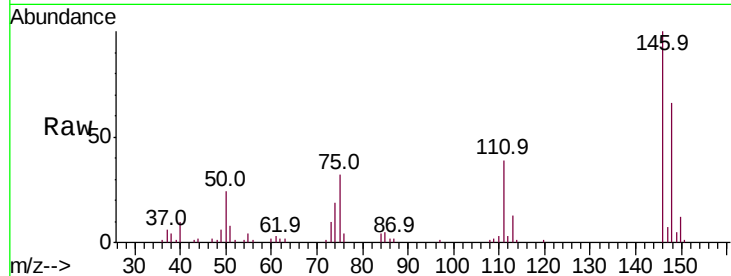
ClientSampleId :

PB115540BS

Tot Ion:	146	Resp:	60797
Ion Ratio	Lower	Upper	
146	100		
148	66.1	52.4	78.6
111	38.6	33.0	49.4

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#14

1,2-Dichlorobenzene

Concen: 35.004 ng

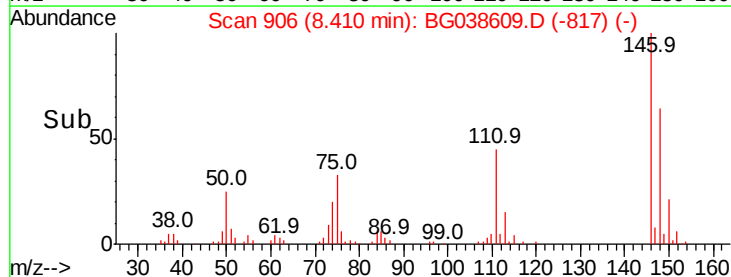
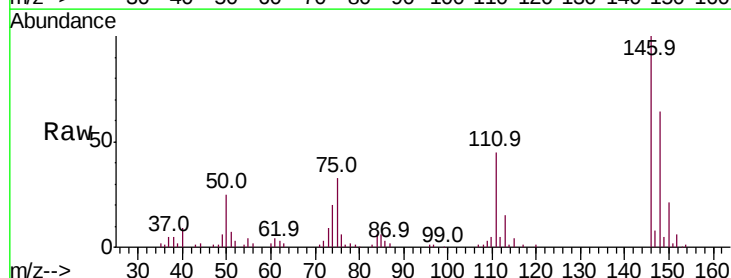
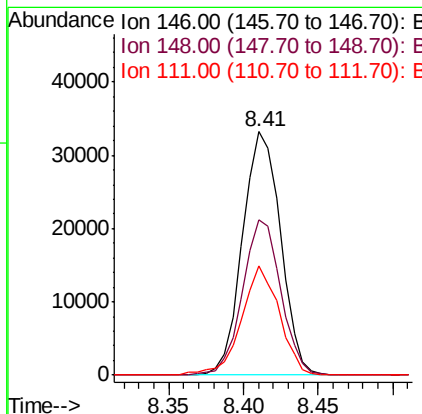
RT: 8.41 min Scan# 906

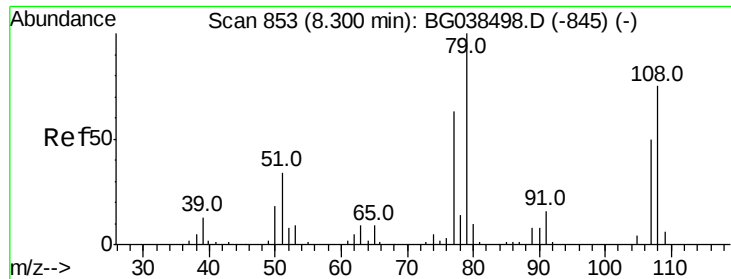
Delta R.T. -0.01 min

Lab File: BG038609.D

Acq: 15 Dec 2018 18:08

Tgt Ion:	146	Resp:	58539
Ion Ratio	Lower	Upper	
146	100		
148	64.0	49.4	74.0
111	44.8	33.8	50.6





#15

Benzyl Alcohol

Concen: 38.488 ng

RT: 8.30 min Scan# 887

Delta R.T. -0.00 min

Lab File: BG038609.D

Acq: 15 Dec 2018 18:08

Instrument :

BNA_G

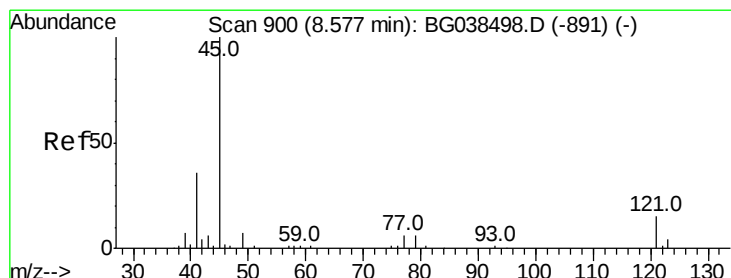
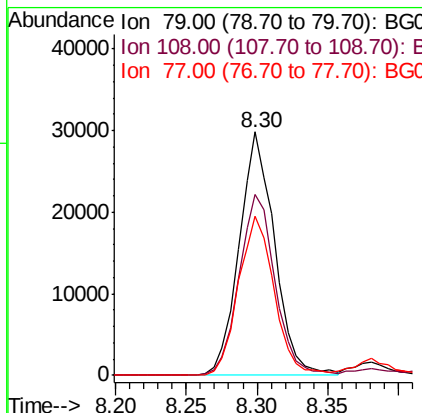
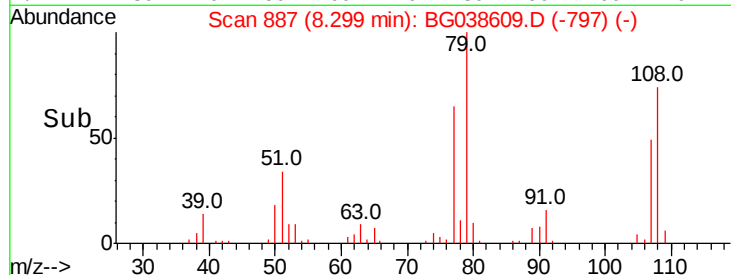
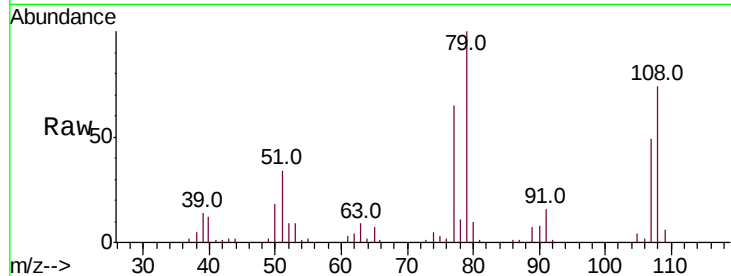
ClientSampleId :

PB115540BS

Tot Ion:	79	Resp:	52206
Ion Ratio	Lower	Upper	
79	100		
108	74.4	60.2	90.4
77	65.4	50.7	76.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.939 ng

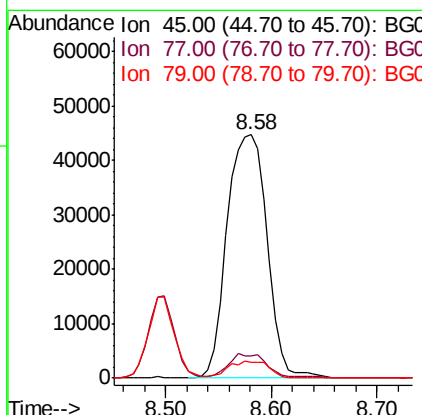
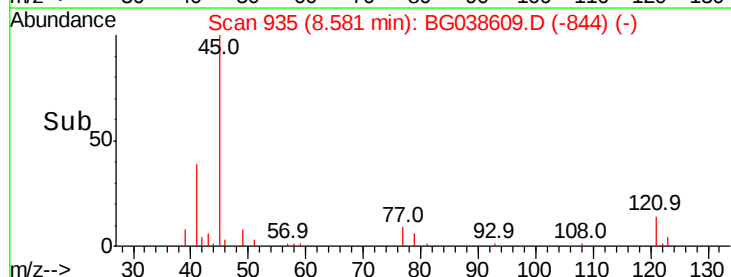
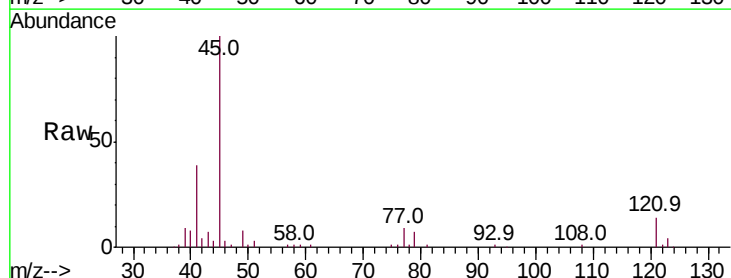
RT: 8.58 min Scan# 935

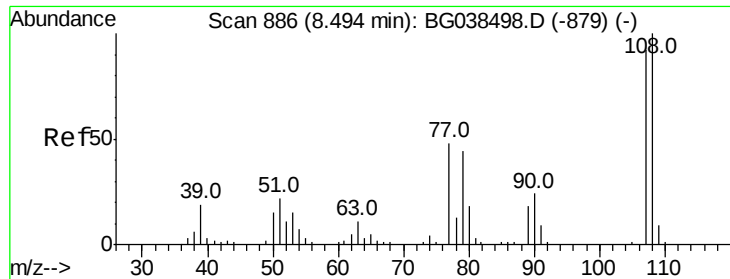
Delta R.T. 0.00 min

Lab File: BG038609.D

Acq: 15 Dec 2018 18:08

Tgt Ion:	45	Resp:	117646
Ion Ratio	Lower	Upper	
45	100		
77	9.3	0.0	28.2
79	6.7	0.0	27.2





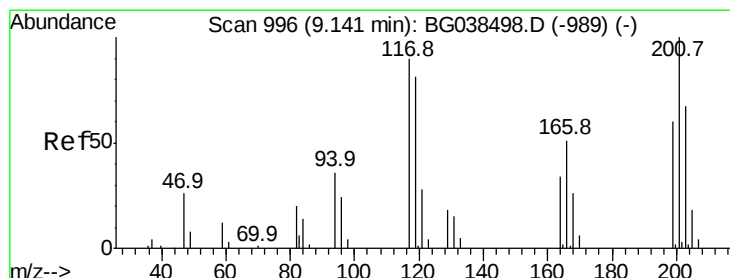
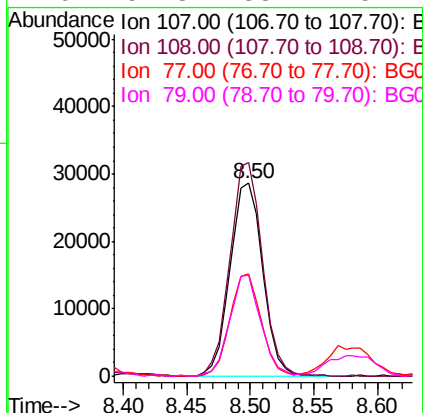
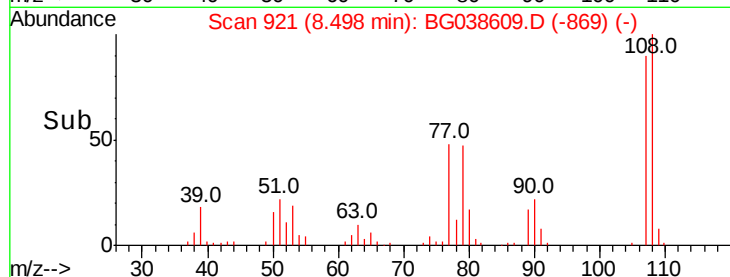
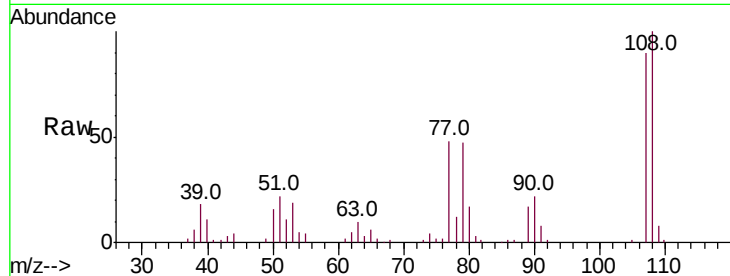
#17
2-Methylphenol
Concen: 41.177 ng
RT: 8.50 min Scan# 921
Delta R.T. 0.00 min
Lab File: BG038609.D
Acq: 15 Dec 2018 18:08

Instrument :
BNA_G
ClientSampleId :
PB115540BS

Tot Ion:	107	Resp:	50934
Ion	Ratio	Lower	Upper
107	100		
108	110.6	87.1	130.7
77	52.9	42.0	63.0
79	52.3	38.2	57.2

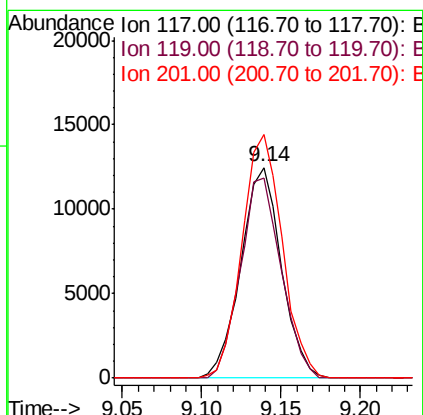
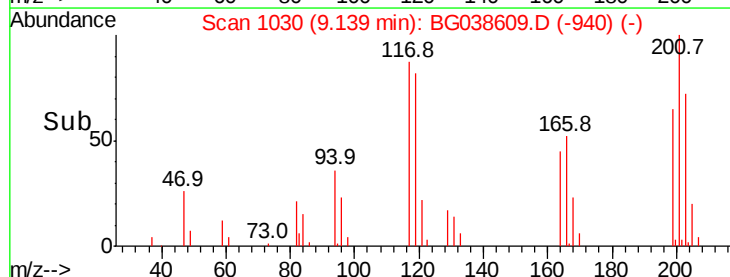
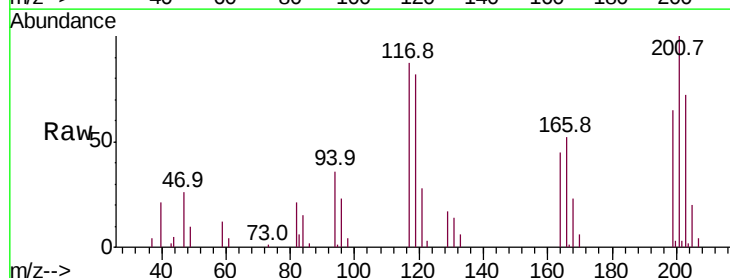
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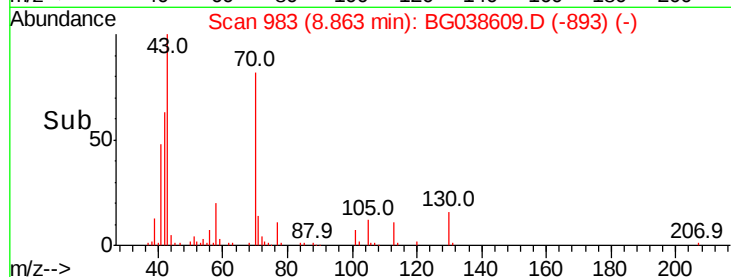
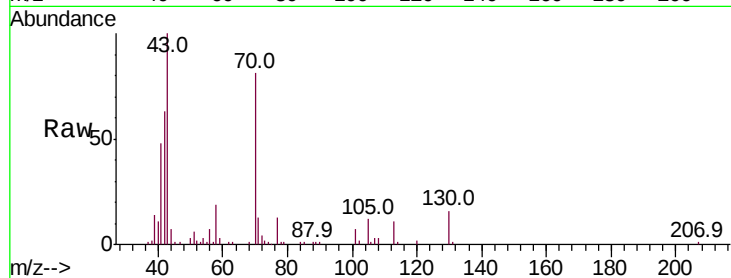
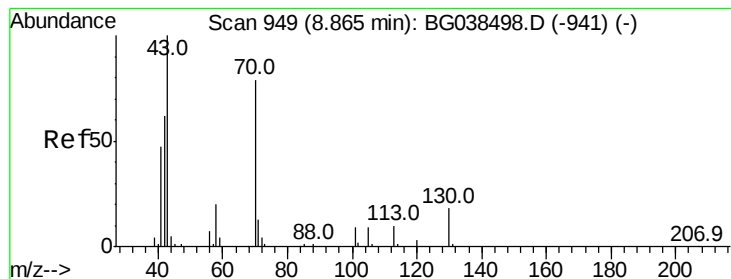
Sohil
12/16/2018 2:01:15 PM



#18
Hexachloroethane
Concen: 34.106 ng
RT: 9.14 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BG038609.D
Acq: 15 Dec 2018 18:08

Tgt Ion:	117	Resp:	22108
Ion	Ratio	Lower	Upper
117	100		
119	94.8	73.8	110.8
201	118.7	89.4	134.0





#19

n-Nitroso-di-n-propylamine

Concen: 34.529 ng

RT: 8.86 min Scan# 983

Delta R.T. -0.00 min

Lab File: BG038609.D

Acq: 15 Dec 2018 18:08

Instrument :

BNA_G

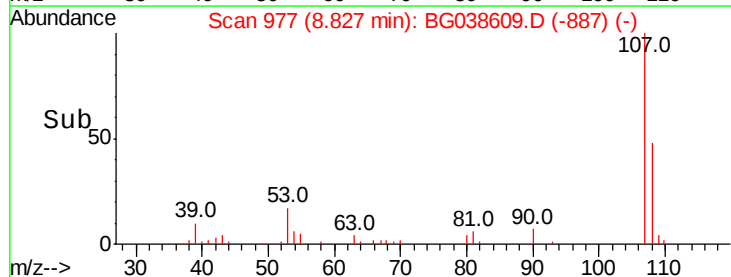
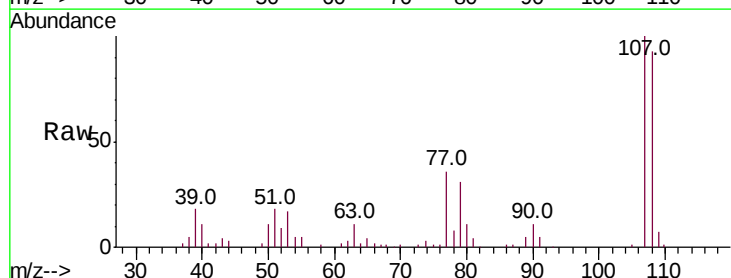
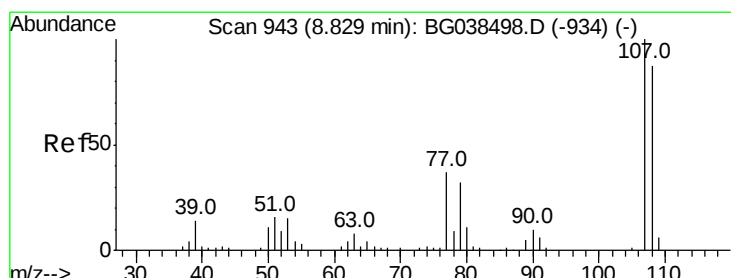
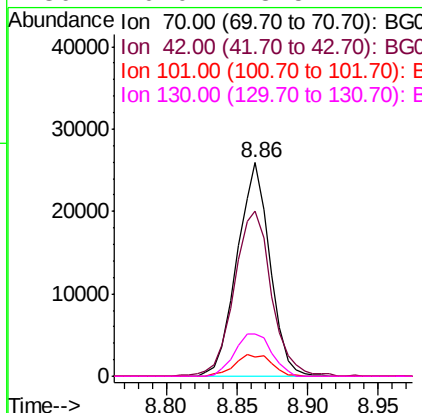
ClientSampleId :

PB115540BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	77.3	63.6	95.4
101	9.1	9.2	13.8
130	20.0	18.5	27.7

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#20

3+4-Methylphenols

Concen: 39.492 ng

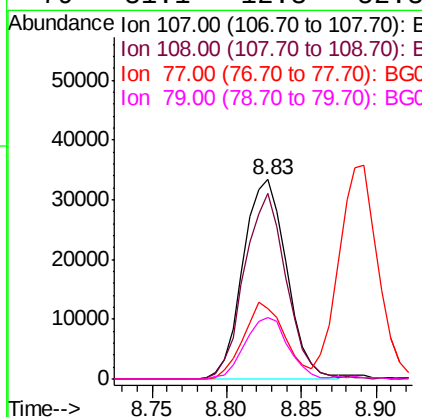
RT: 8.83 min Scan# 977

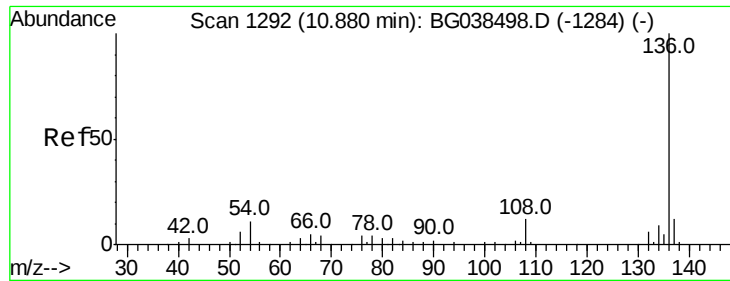
Delta R.T. -0.00 min

Lab File: BG038609.D

Acq: 15 Dec 2018 18:08

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.5	66.7	106.7
77	35.7	17.3	57.3
79	31.1	12.3	52.3





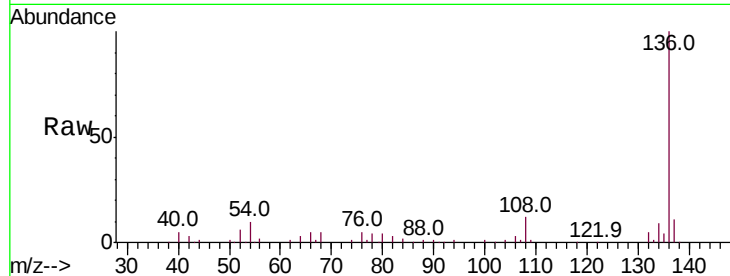
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038609.D
Acq: 15 Dec 2018 18:08

Instrument :
BNA_G
ClientSampleId :
PB115540BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.4	9.3	13.9	
54	10.4	8.5	12.7	
68	5.3	3.5	5.3#	

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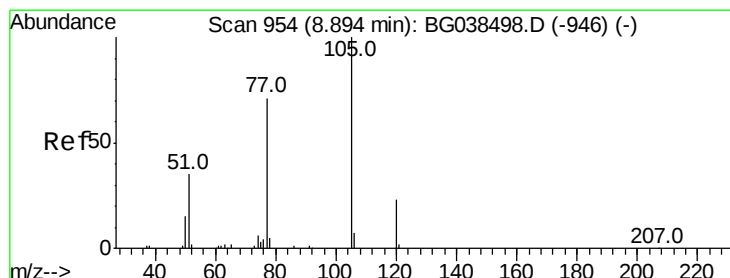
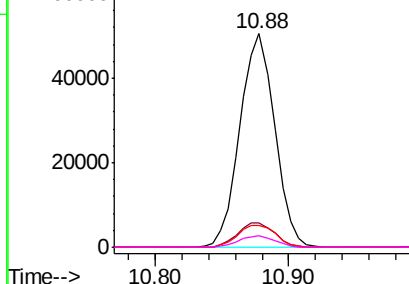
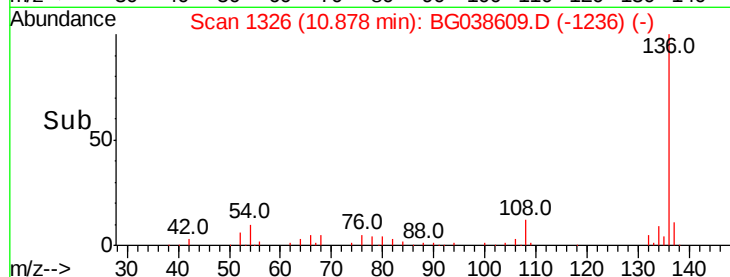
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

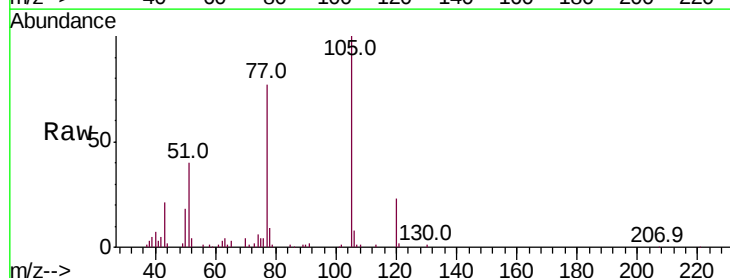
Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



#22
Acetophenone
Concen: 36.982 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BG038609.D
Acq: 15 Dec 2018 18:08

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.9	0.4	0.6#	
51	39.6	30.6	46.0	
120	22.8	18.6	28.0	



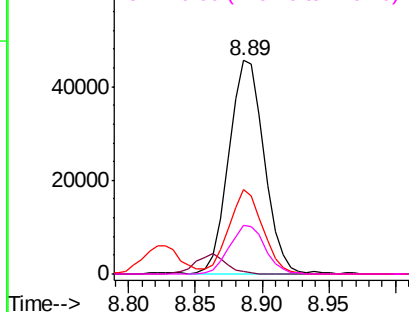
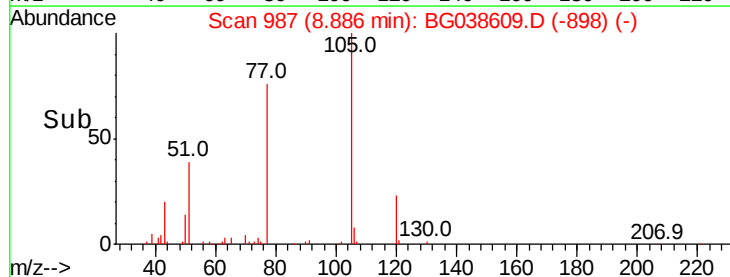
Abundance

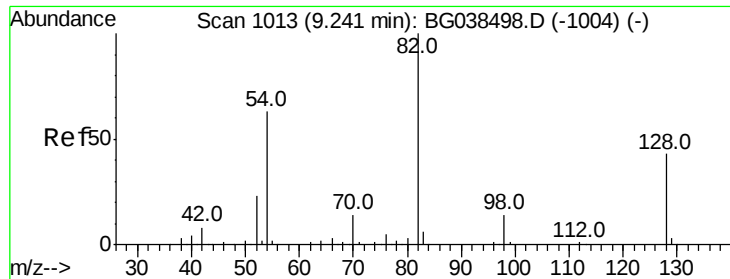
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BG

Ion 51.00 (50.70 to 51.70): BG

Ion 120.00 (119.70 to 120.70): E





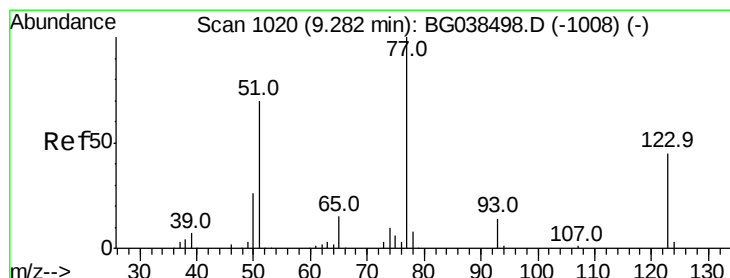
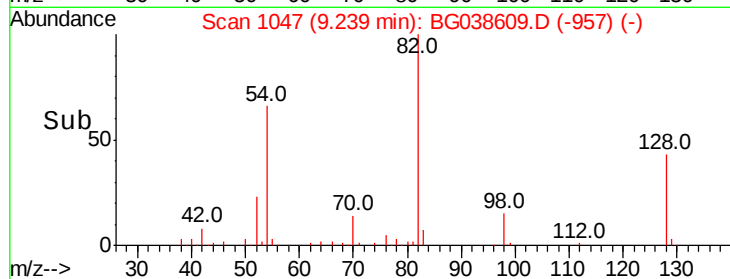
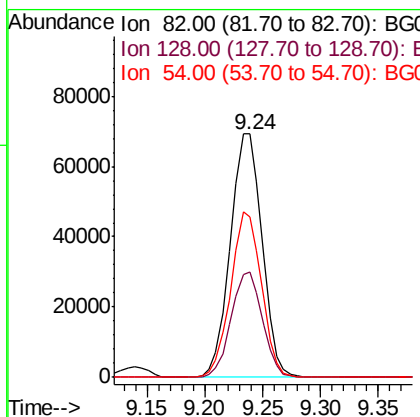
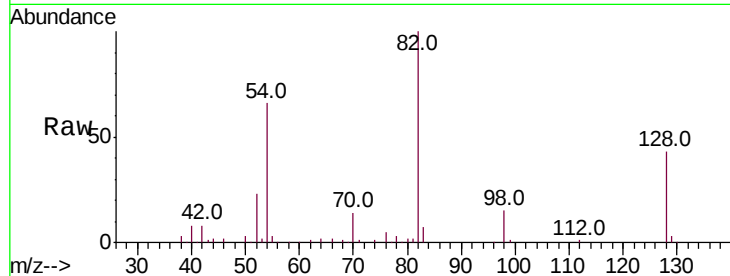
#23
 Nitrobenzene-d5
 Concen: 73.908 ng
 RT: 9.24 min Scan# 1047
 Delta R.T. -0.00 min
 Lab File: BG038609.D
 Acq: 15 Dec 2018 18:08

Instrument :
 BNA_G
 ClientSampleId :
 PB115540BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.3	34.6	52.0
54	65.6	50.6	76.0

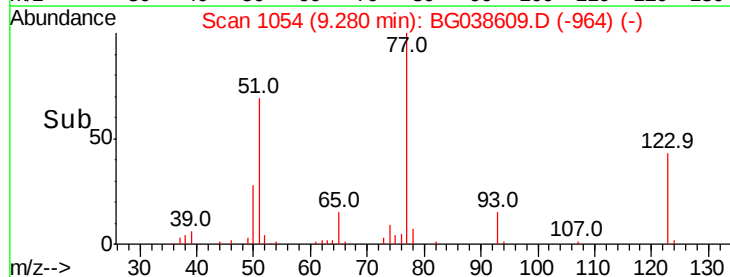
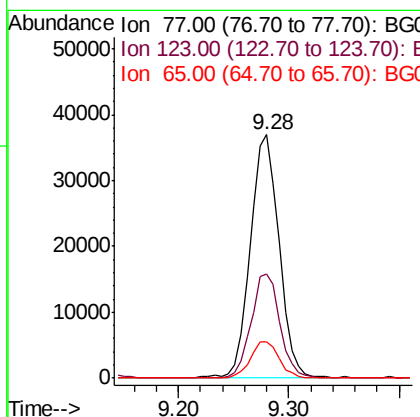
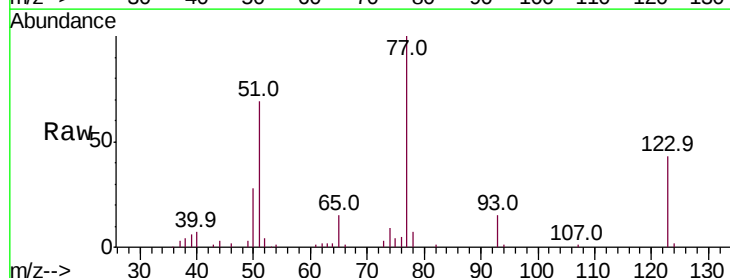
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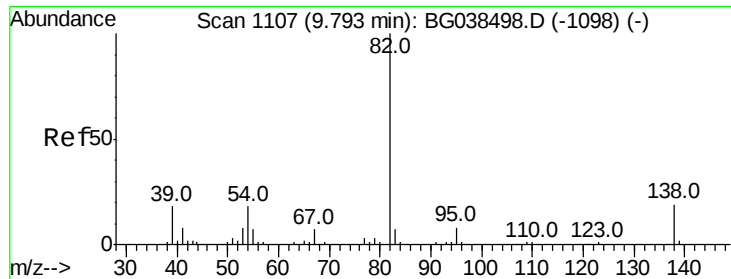
Sohil
 12/16/2018 2:01:15 PM



#24
 Nitrobenzene
 Concen: 37.425 ng
 RT: 9.28 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: BG038609.D
 Acq: 15 Dec 2018 18:08

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.5	35.9	53.9
65	14.9	12.0	18.0





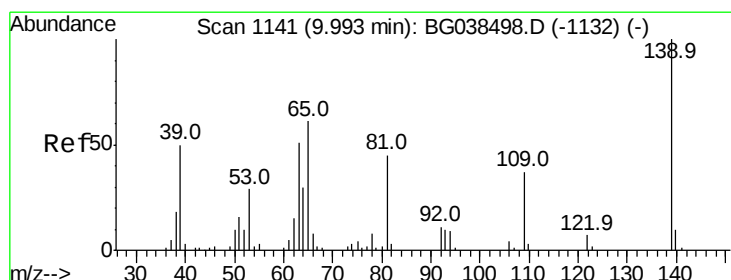
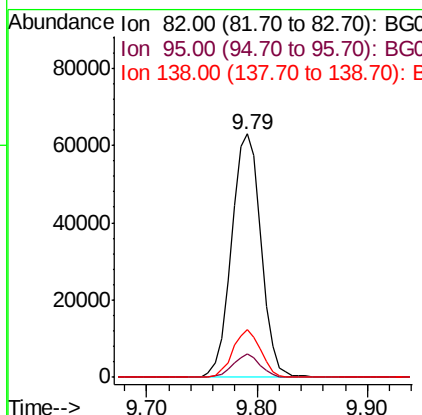
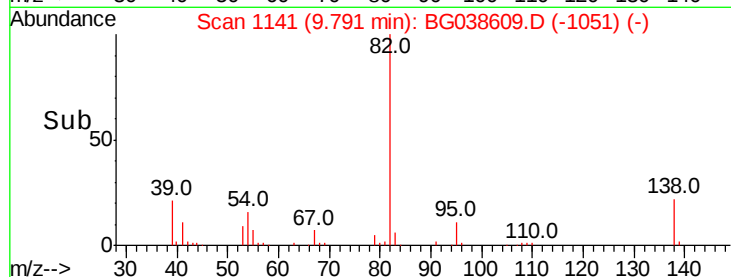
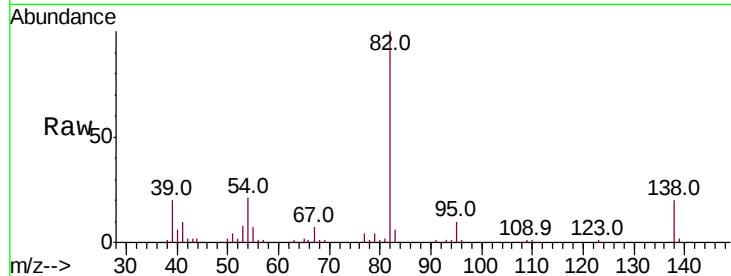
#25
Isophorone
Concen: 36.653 ng
RT: 9.79 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BG038609.D
Acq: 15 Dec 2018 18:08

Instrument :
BNA_G
ClientSampleId :
PB115540BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	9.7	6.1	9.1#	
138	19.6	14.9	22.3	

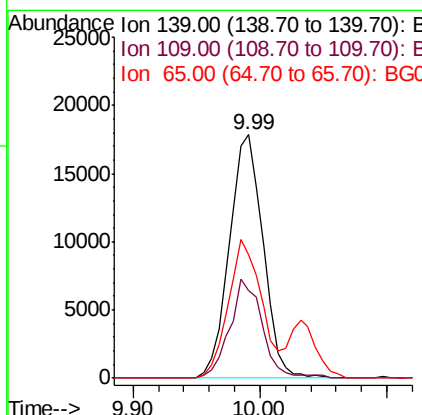
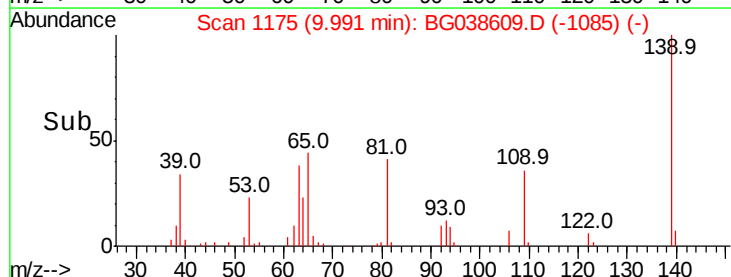
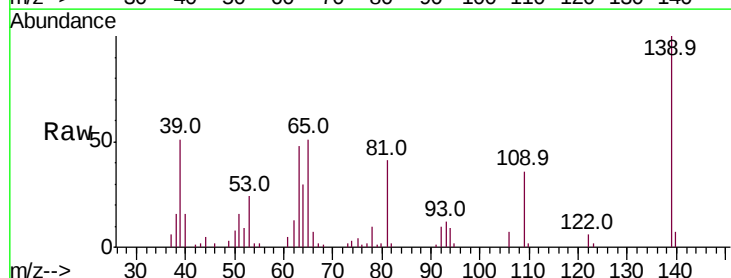
Manual Integrations
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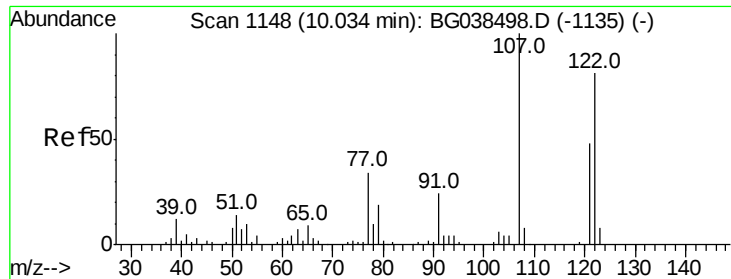
Sohil
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#26
2-Nitrophenol
Concen: 35.358 ng
RT: 9.99 min Scan# 1175
Delta R.T. -0.00 min
Lab File: BG038609.D
Acq: 15 Dec 2018 18:08

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	35.7	29.5	44.3	
65	50.8	48.5	72.7	





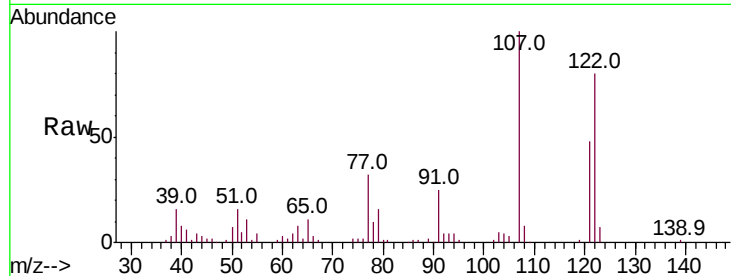
#27
2,4-Dimethylphenol
Concen: 43.355 ng
RT: 10.03 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BG038609.D
Acq: 15 Dec 2018 18:08

Instrument :
BNA_G
ClientSampled :
PB115540BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	125.3	98.4	147.6
121	59.8	47.2	70.8

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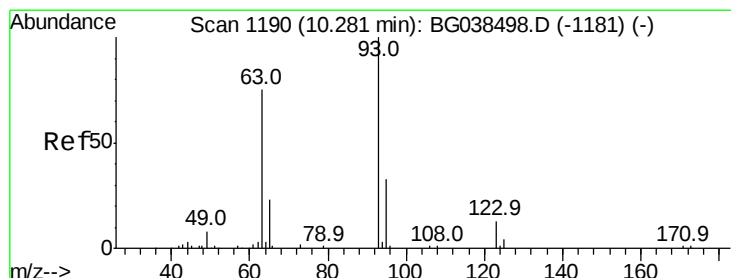
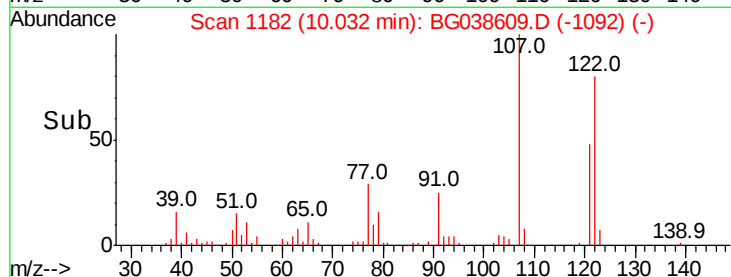
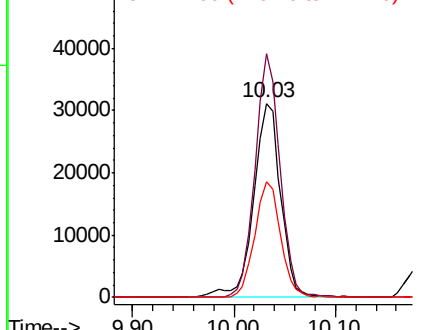


Abundance

Ion 122.00 (121.70 to 122.70): E

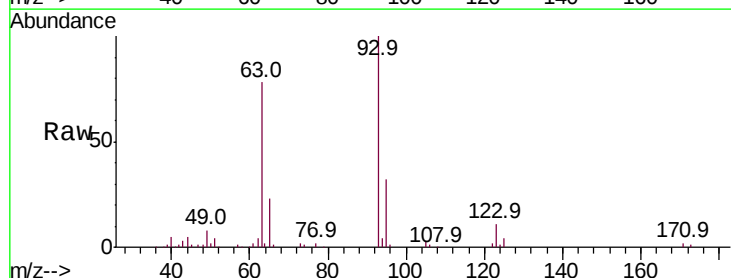
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 37.823 ng
RT: 10.27 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BG038609.D
Acq: 15 Dec 2018 18:08

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.0	26.6	40.0
123	11.1	10.6	16.0

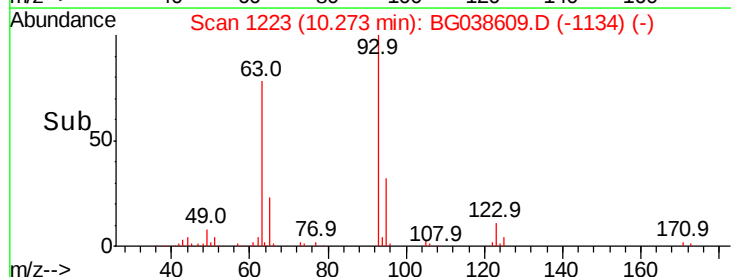
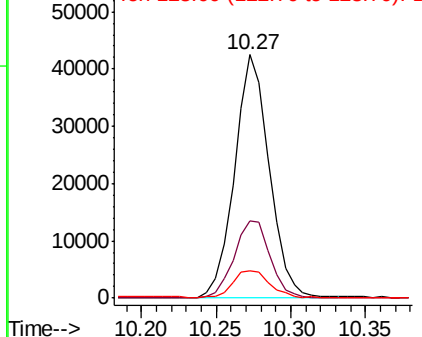


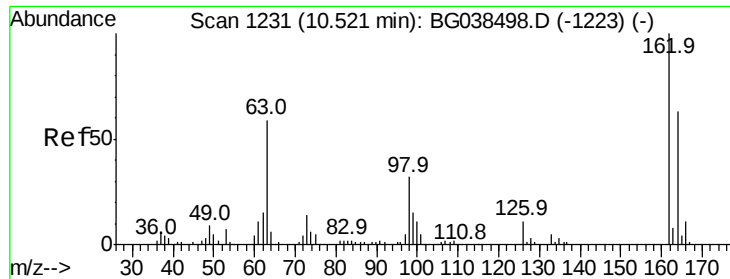
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





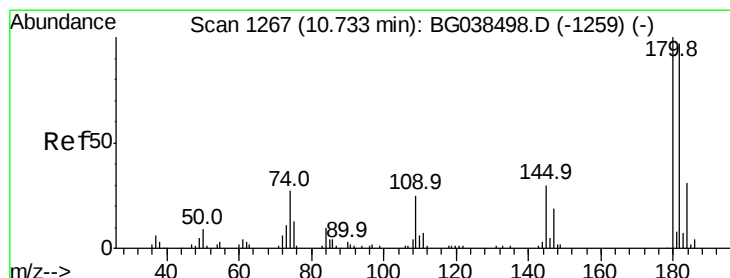
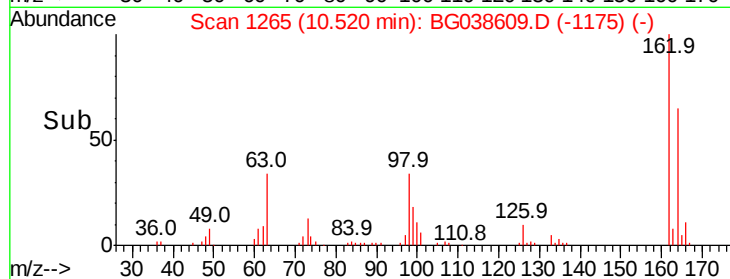
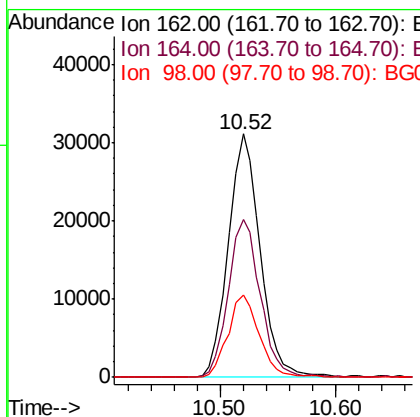
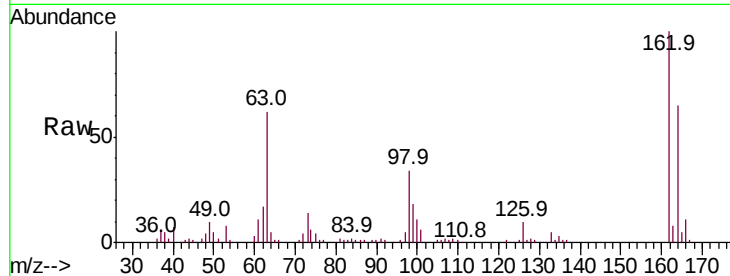
#29
 2,4-Dichlorophenol
 Concen: 40.281 ng
 RT: 10.52 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: BG038609.D
 Acq: 15 Dec 2018 18:08

Instrument :
 BNA_G
 ClientSampleId :
 PB115540BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	59449		
164	64.9		42.9	82.9
98	33.8		12.1	52.1

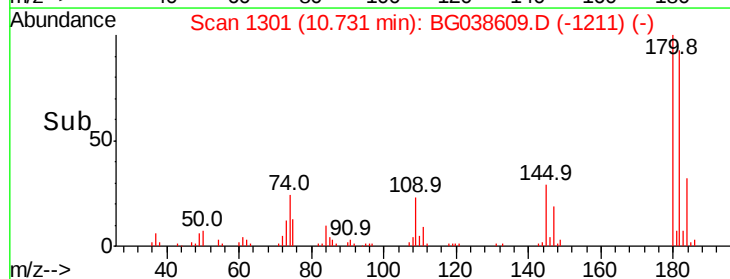
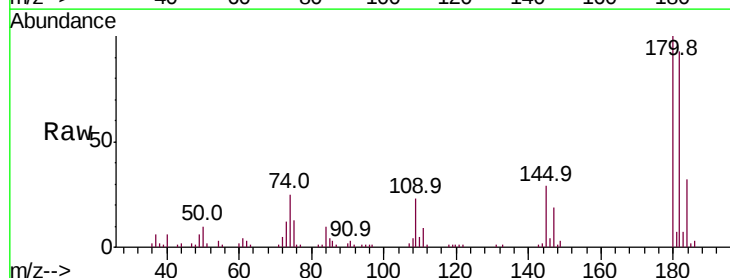
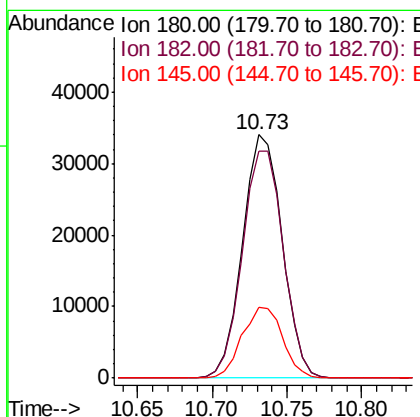
Manual Integrations
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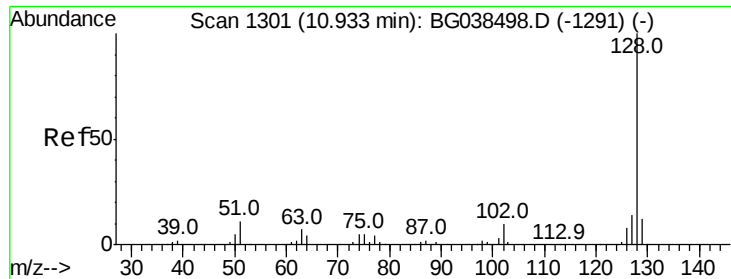
Sohil
 12/16/2018 2:01:15 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 35.033 ng
 RT: 10.73 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: BG038609.D
 Acq: 15 Dec 2018 18:08

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	62453		
182	93.0		77.4	116.0
145	29.2		24.1	36.1





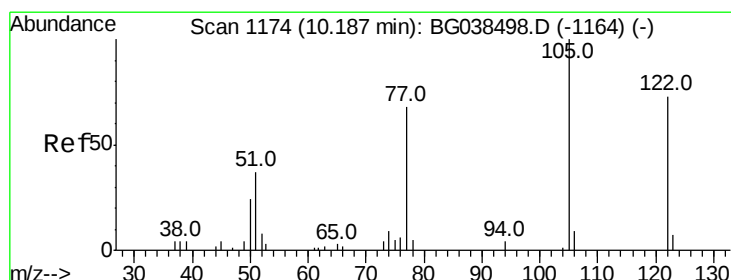
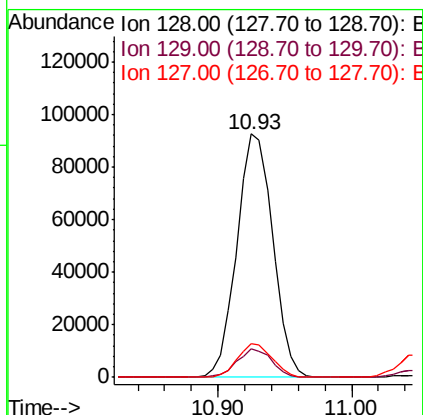
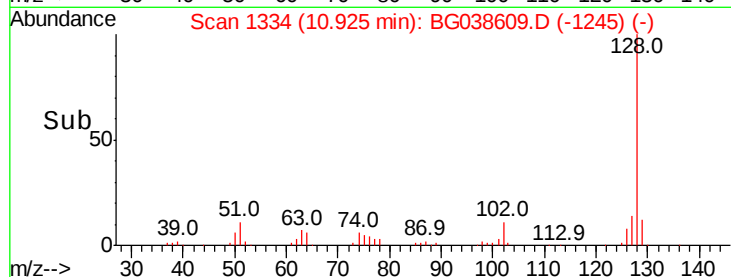
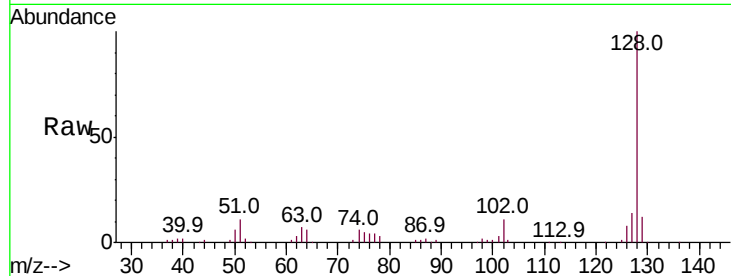
#31
Naphthalene
Concen: 38.331 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG038609.D
Acq: 15 Dec 2018 18:08

Instrument :
BNA_G
ClientSampleId :
PB115540BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.5	14.3
127	14.0	10.9	16.3

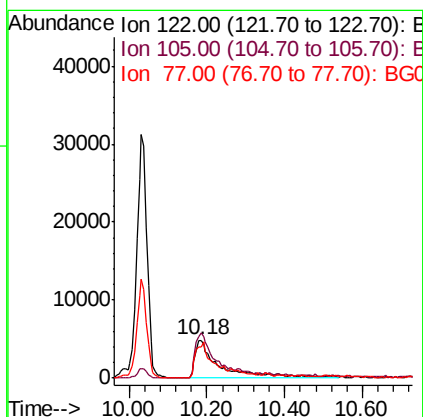
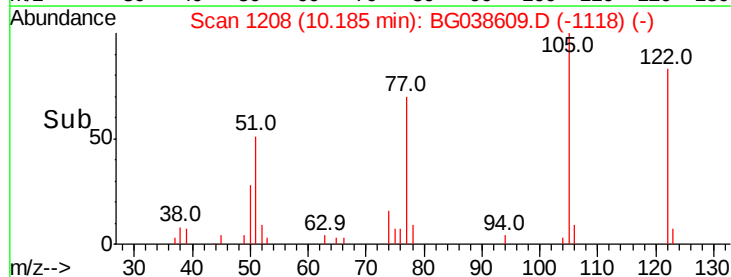
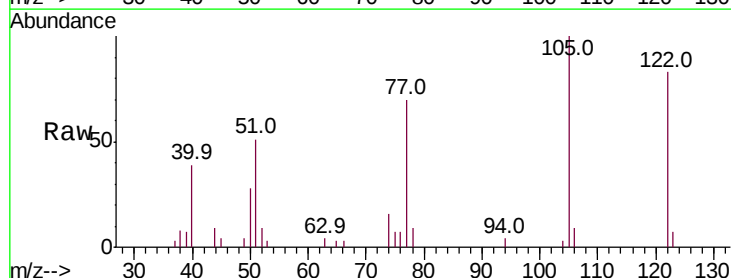
Manual Integrations
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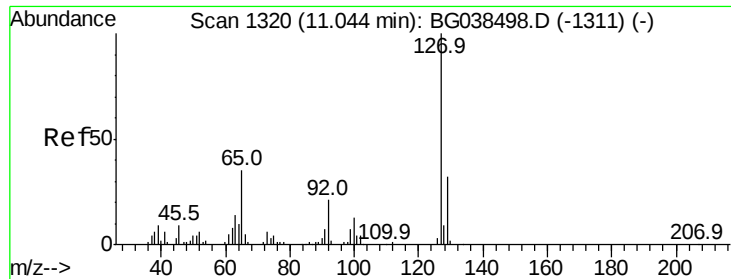
Sohil
12/16/2018 2:01:15 PM



#32
Benzoic acid
Concen: 30.375 ng m
RT: 10.18 min Scan# 1208
Delta R.T. -0.00 min
Lab File: BG038609.D
Acq: 15 Dec 2018 18:08

Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.9	116.7	156.7
77	83.6	72.5	112.5





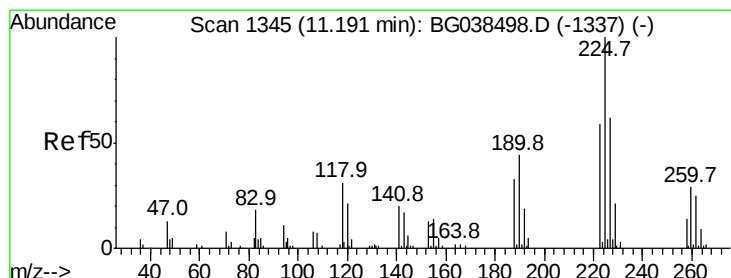
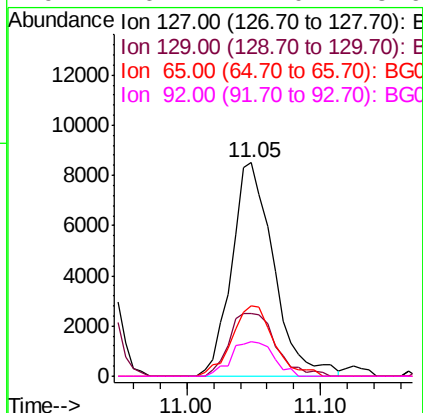
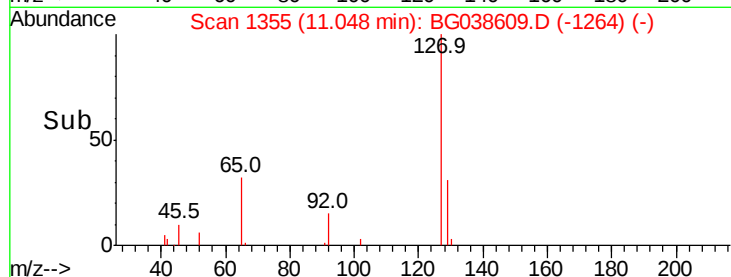
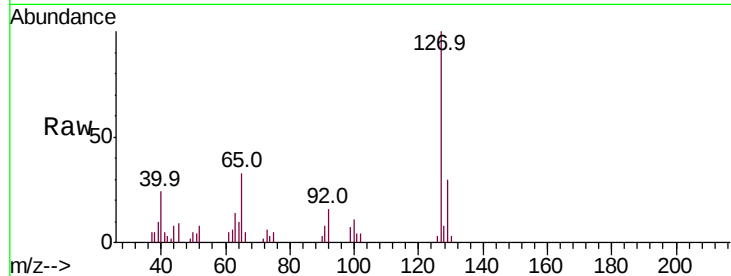
#33
4-Chloroaniline
Concen: 9.514 ng
RT: 11.05 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BG038609.D
Acq: 15 Dec 2018 18:08

Instrument :
BNA_G
ClientSampleId :
PB115540BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	29.6	25.8	38.8	
65	33.2	27.8	41.6	
92	16.1	17.0	25.6	

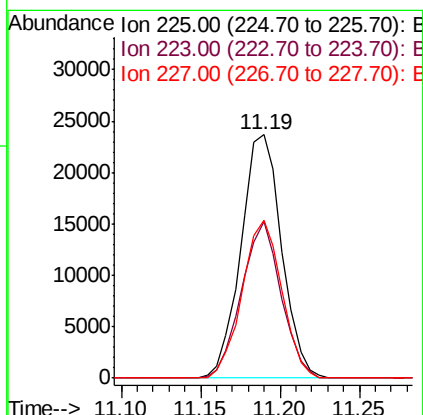
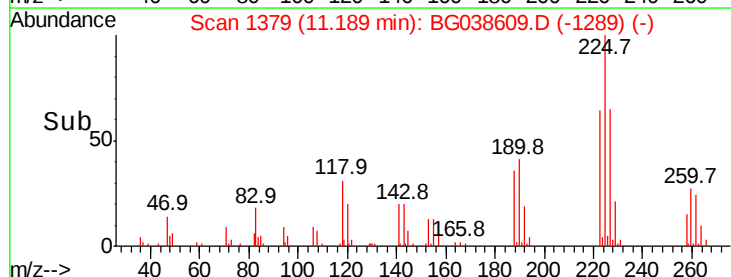
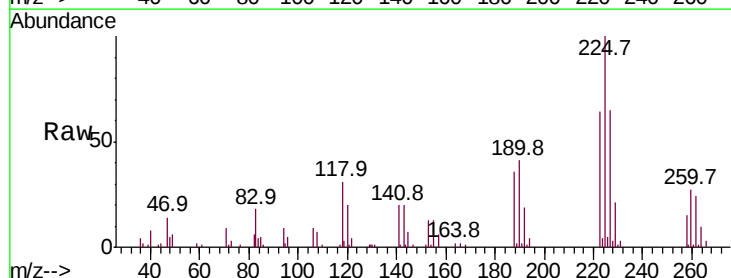
Manual Integrations
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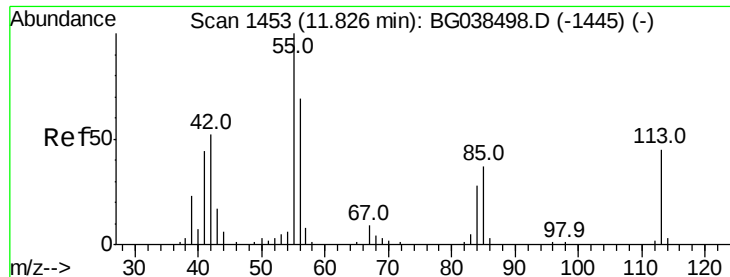
Sohil
12/16/2018 2:01:15 PM



#34
Hexachlorobutadiene
Concen: 34.985 ng
RT: 11.19 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BG038609.D
Acq: 15 Dec 2018 18:08

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.3	45.0	67.6	
227	64.7	50.6	75.8	





#35

Caprolactam

Concen: 32.333 ng

RT: 11.82 min Scan# 1486

Delta R.T. -0.01 min

Lab File: BG038609.D

Acq: 15 Dec 2018 18:08

Instrument :

BNA_G

ClientSampleId :

PB115540BS

Tot Ion:113 Resp: 19748

Ion Ratio Lower Upper

113 100

55 224.8 204.3 244.3

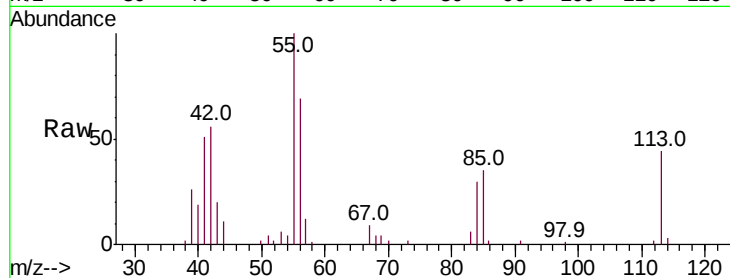
56 154.4 135.0 175.0

Manual Integrations

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Sohil

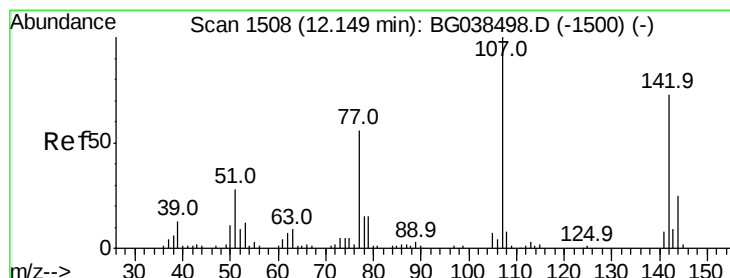
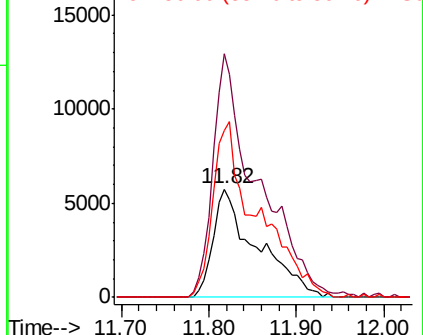
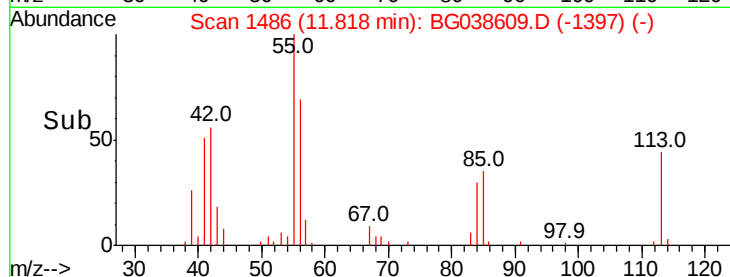
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 37.202 ng

RT: 12.15 min Scan# 1543

Delta R.T. 0.00 min

Lab File: BG038609.D

Acq: 15 Dec 2018 18:08

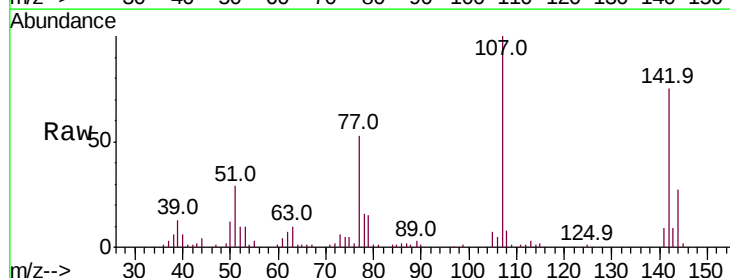
Tgt Ion:107 Resp: 62655

Ion Ratio Lower Upper

107 100

144 26.7 20.1 30.1

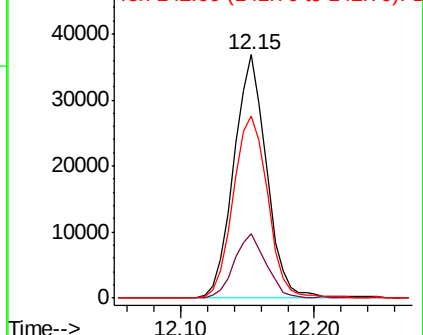
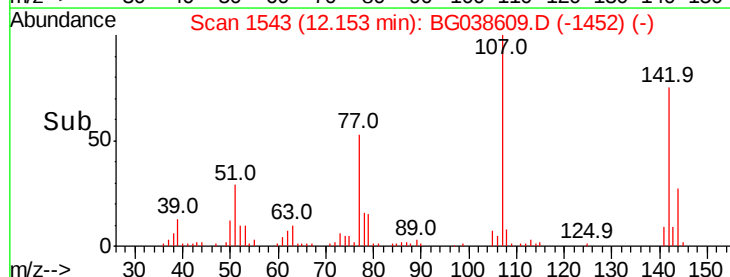
142 75.1 58.7 88.1

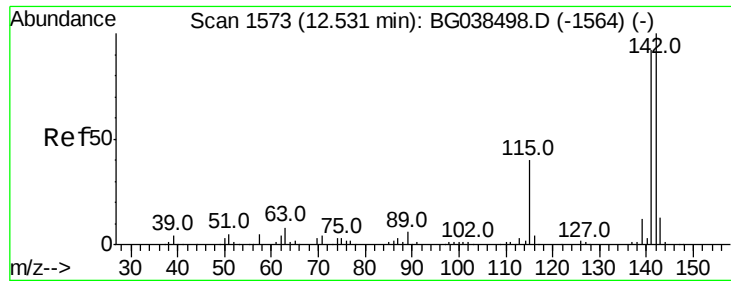


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





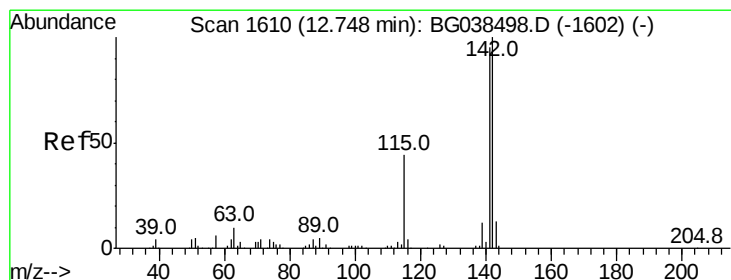
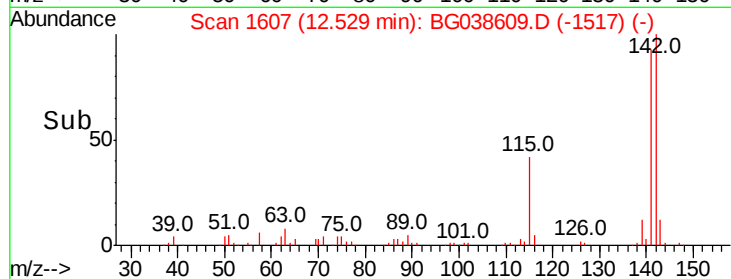
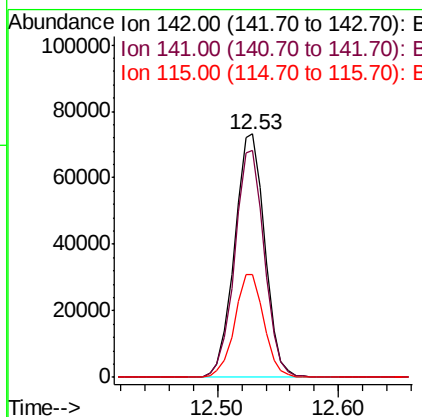
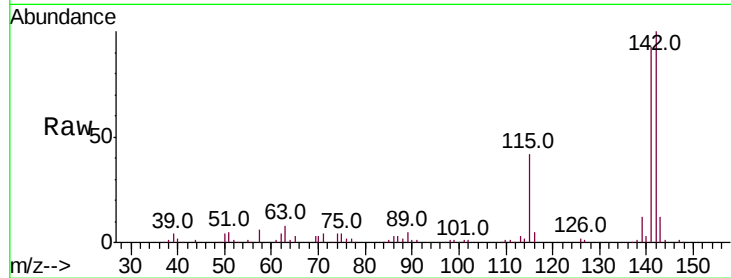
#37
2-Methylnaphthalene
Concen: 39.739 ng
RT: 12.53 min Scan# 1607
Delta R.T. -0.00 min
Lab File: BG038609.D
Acq: 15 Dec 2018 18:08

Instrument :
BNA_G
ClientSampleID :
PB115540BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.3	73.5	110.3
115	42.1	31.7	47.5

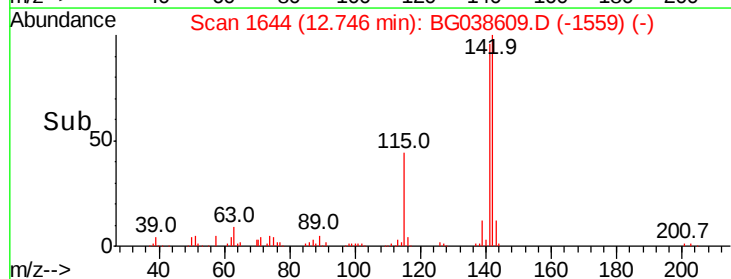
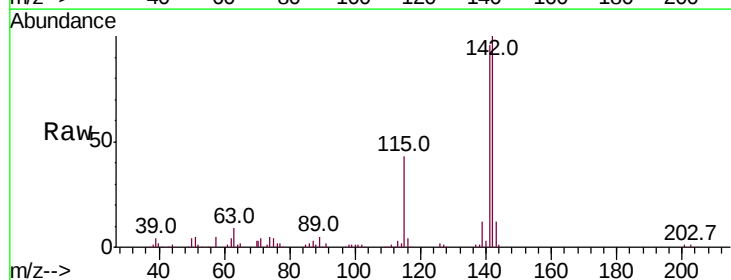
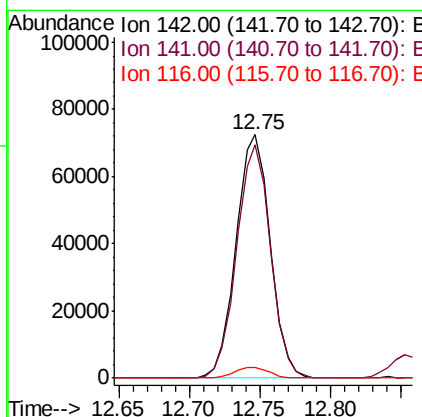
Manual Integrations
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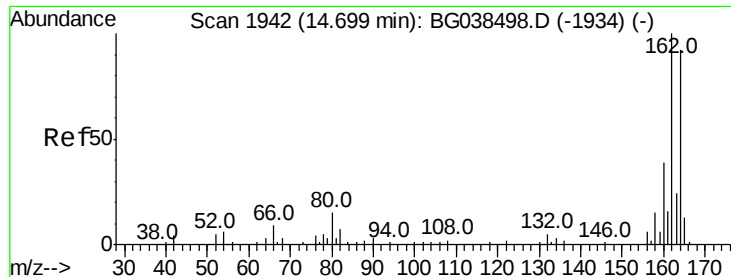
Sohil
12/16/2018 2:01:15 PM



#38
1-Methylnaphthalene
Concen: 39.322 ng
RT: 12.75 min Scan# 1644
Delta R.T. -0.00 min
Lab File: BG038609.D
Acq: 15 Dec 2018 18:08

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.8	75.8	113.8
116	4.1	3.6	5.4





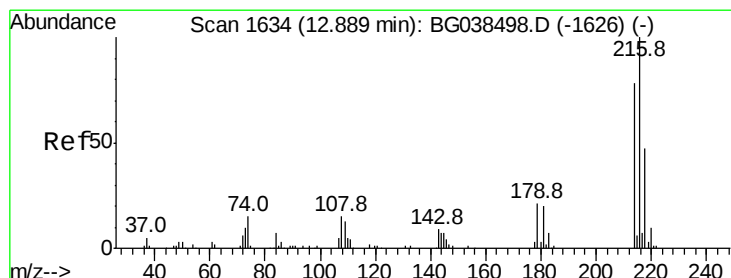
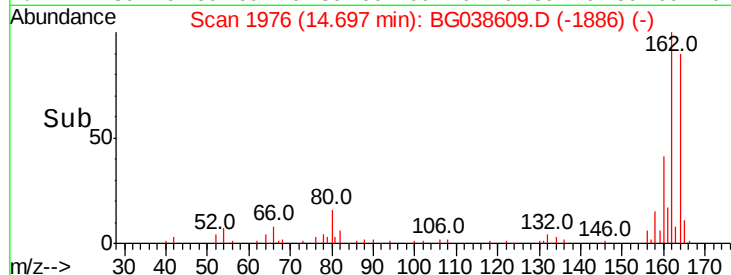
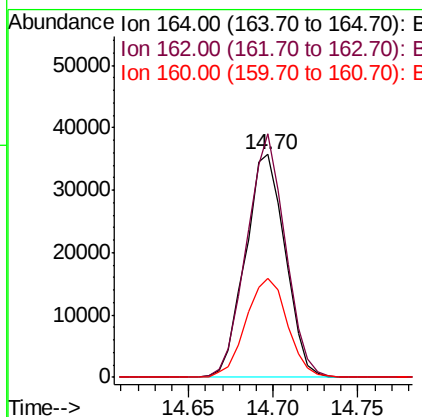
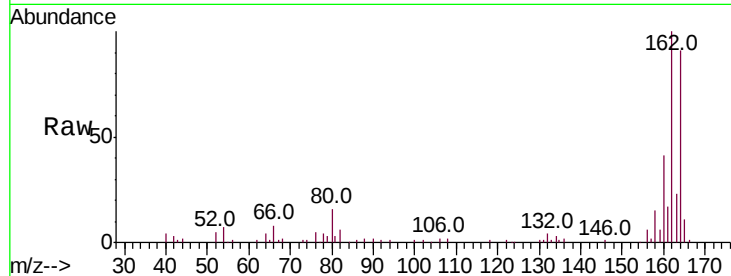
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. -0.00 min
 Lab File: BG038609.D
 Acq: 15 Dec 2018 18:08

Instrument :
 BNA_G
 ClientSampleId :
 PB115540BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	109.3	86.6	130.0
160	44.6	34.2	51.2

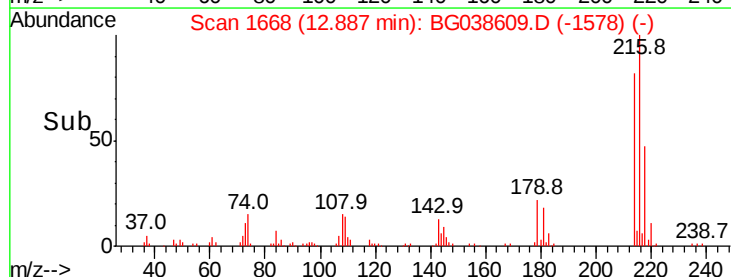
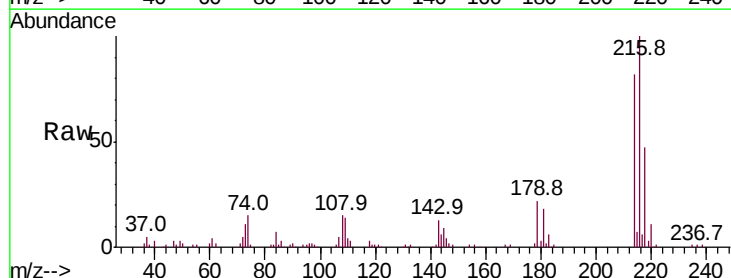
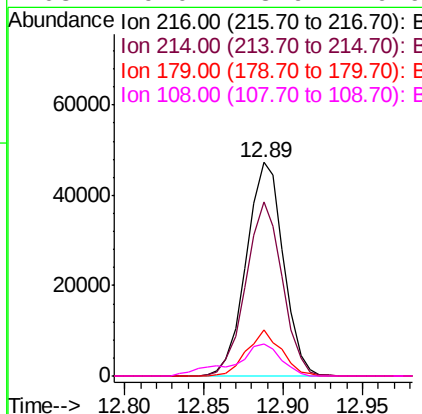
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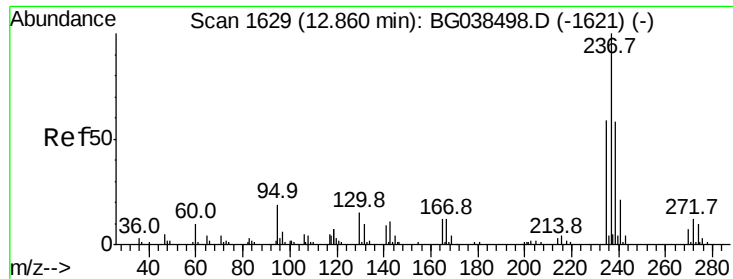
Sohil
 12/16/2018 2:01:15 PM



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.942 ng
 RT: 12.89 min Scan# 1668
 Delta R.T. -0.00 min
 Lab File: BG038609.D
 Acq: 15 Dec 2018 18:08

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.9	64.1	96.1
179	20.0	16.4	24.6
108	19.0	13.9	20.9





#41

Hexachlorocyclopentadiene

Concen: 85.279 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BG038609.D

Acq: 15 Dec 2018 18:08

Instrument :

BNA_G

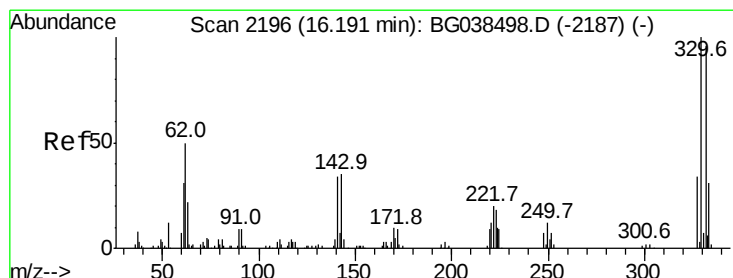
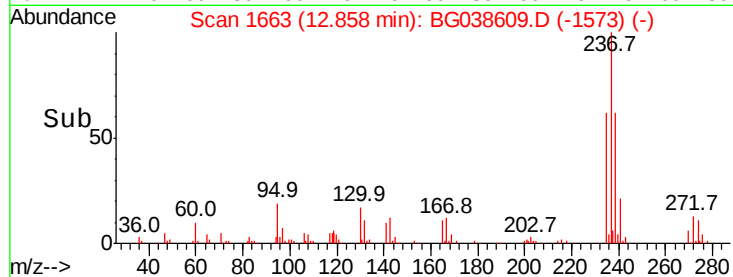
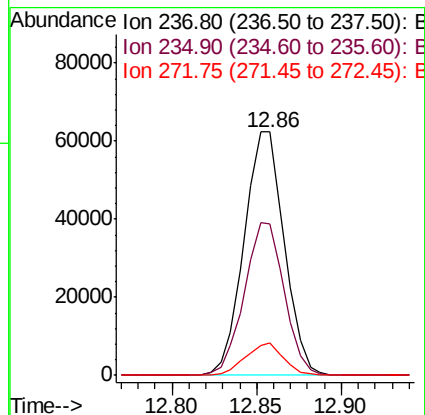
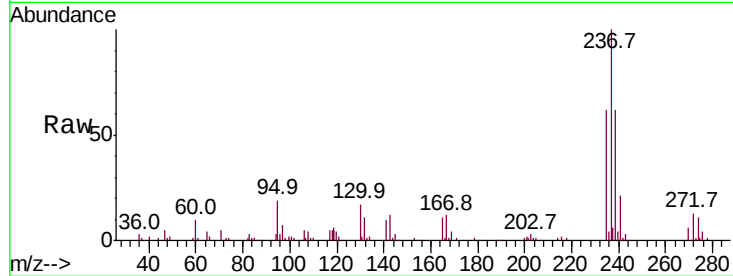
ClientSampleId :

PB115540BS

Tot Ion:	237	Resp:	102788
Ion Ratio	Lower	Upper	
237	100		
235	62.5	38.8	78.8
272	13.4	0.0	32.0

Manual Integrations
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Sohil
12/16/2018 2:01:15 PM



#42

2,4,6-Tribromophenol

Concen: 79.512 ng

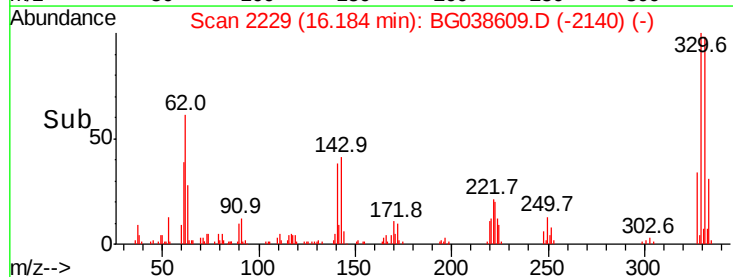
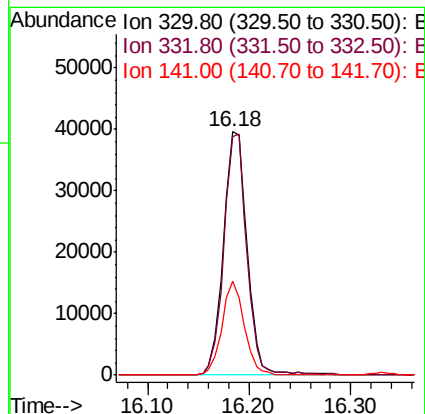
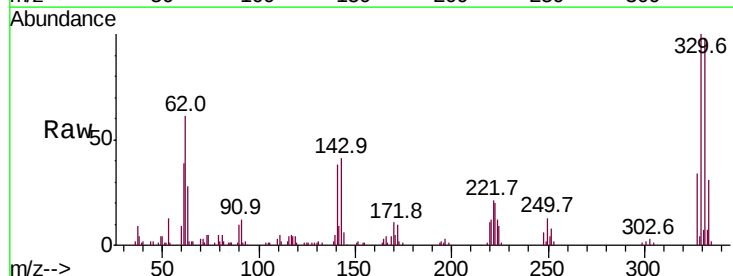
RT: 16.18 min Scan# 2229

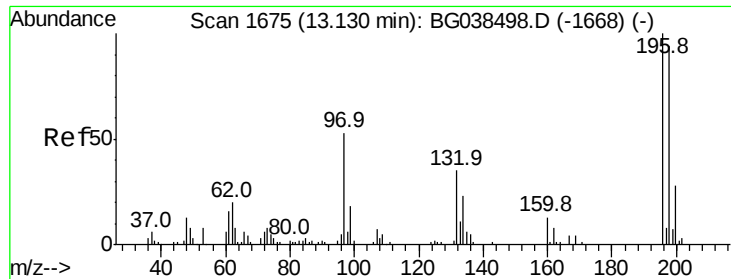
Delta R.T. -0.01 min

Lab File: BG038609.D

Acq: 15 Dec 2018 18:08

Tgt Ion:	330	Resp:	64316
Ion Ratio	Lower	Upper	
330	100		
332	95.9	76.9	115.3
141	36.0	28.8	43.2





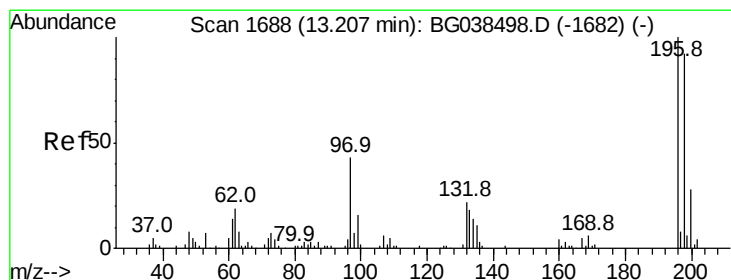
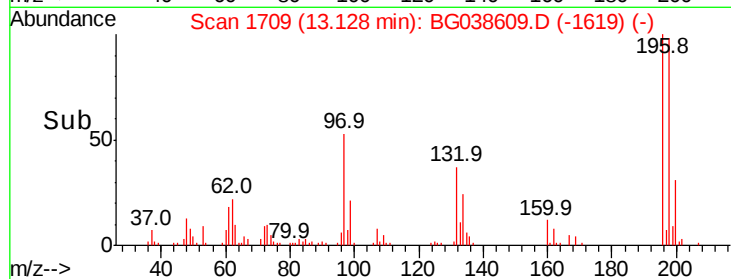
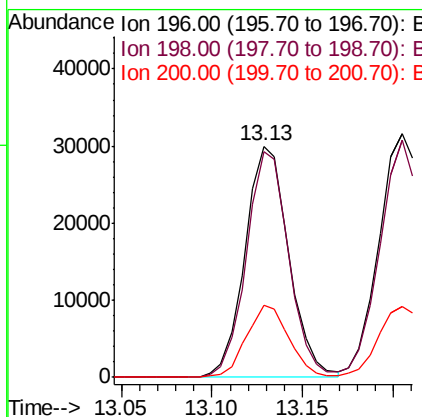
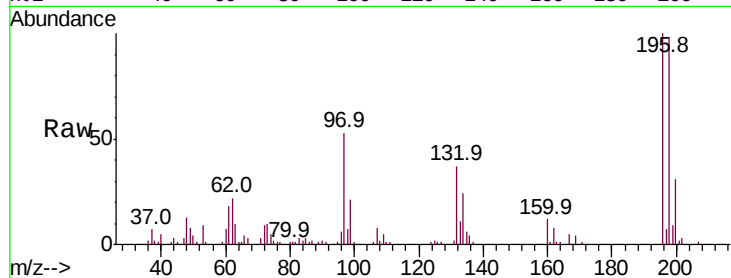
#43
 2,4,6-Trichlorophenol
 Concen: 37.451 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG038609.D
 Acq: 15 Dec 2018 18:08

Instrument :
 BNA_G
 ClientSampleId :
 PB115540BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	50519		
198	97.7	75.0	112.4	
200	31.2	22.4	33.6	

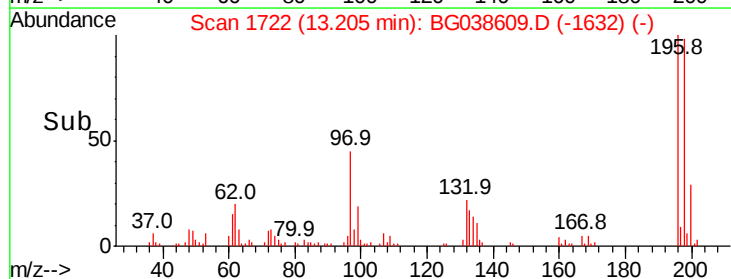
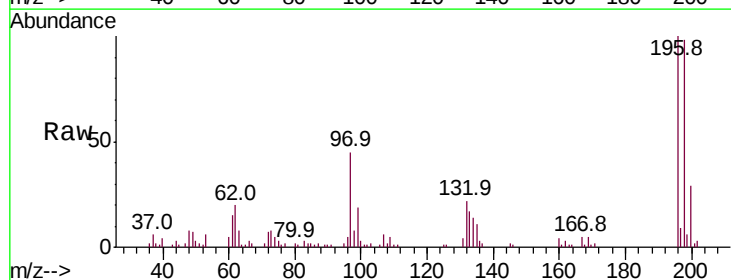
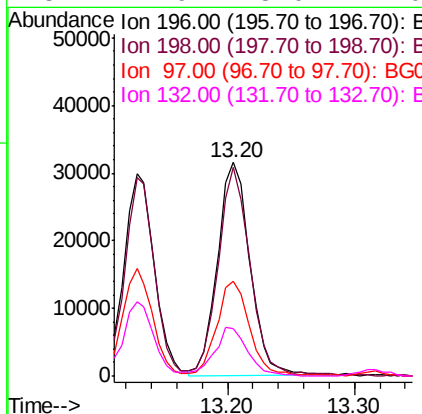
Manual Integrations
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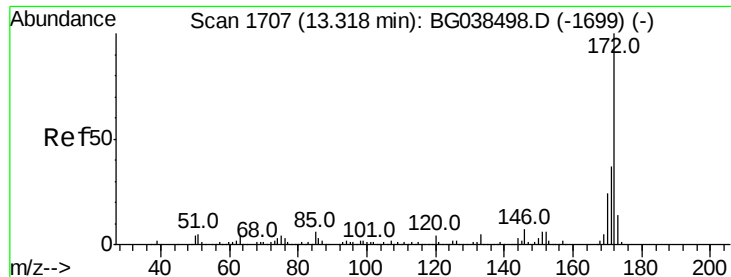
Sohil
 12/16/2018 2:01:15 PM



#44
 2,4,5-Trichlorophenol
 Concen: 39.132 ng
 RT: 13.20 min Scan# 1722
 Delta R.T. -0.00 min
 Lab File: BG038609.D
 Acq: 15 Dec 2018 18:08

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	55889		
198	97.6	74.0	111.0	
97	44.6	35.1	52.7	
132	21.9	18.0	27.0	





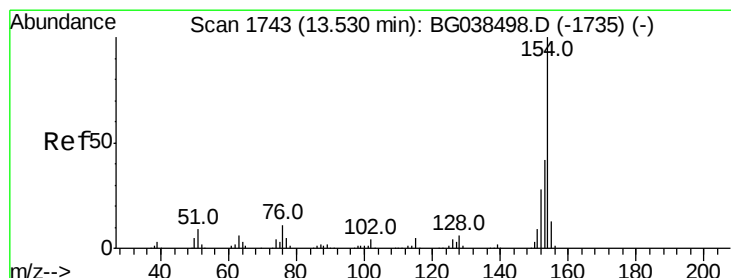
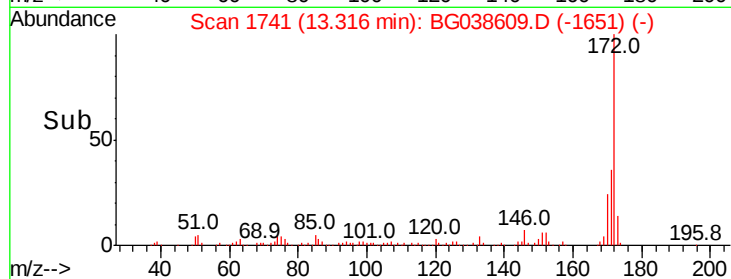
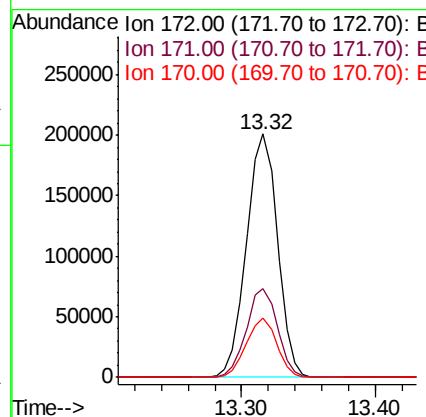
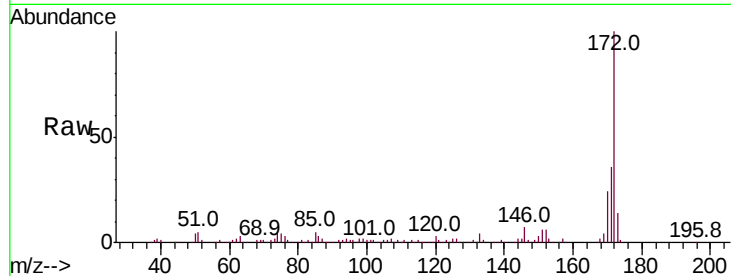
#45
2-Fluorobiphenyl
Concen: 75.227 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.00 min
Lab File: BG038609.D
Acq: 15 Dec 2018 18:08

Instrument :
BNA_G
ClientSampleId :
PB115540BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.8	44.6
170	24.5	19.5	29.3

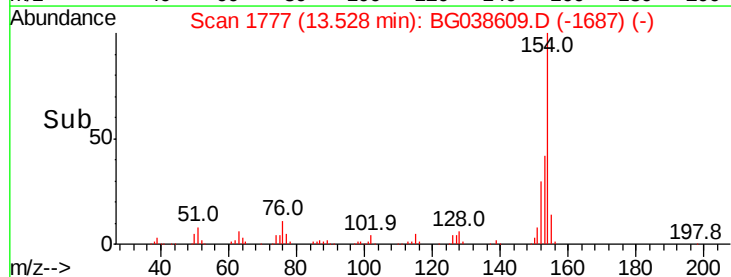
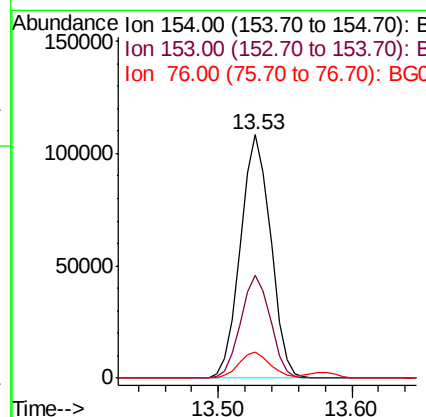
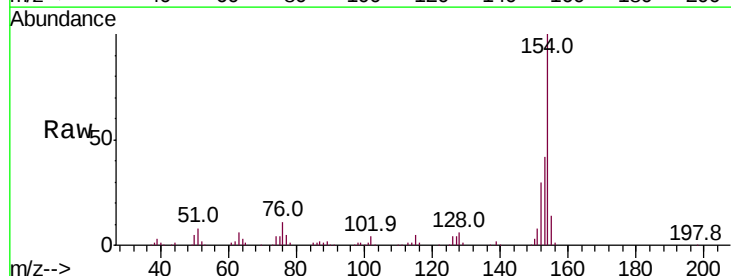
Manual Integrations
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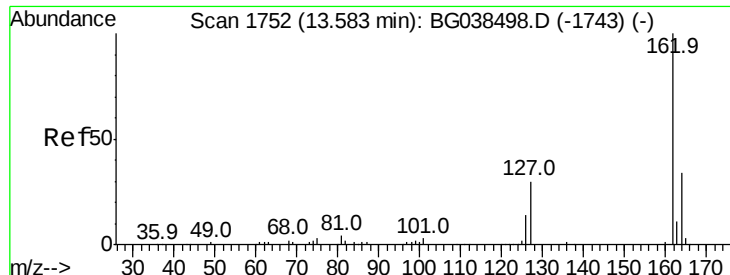
Sohil
12/16/2018 2:01:15 PM



#46
1,1'-Biphenyl
Concen: 34.463 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.00 min
Lab File: BG038609.D
Acq: 15 Dec 2018 18:08

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.5	22.1	62.1
76	11.0	0.0	31.2





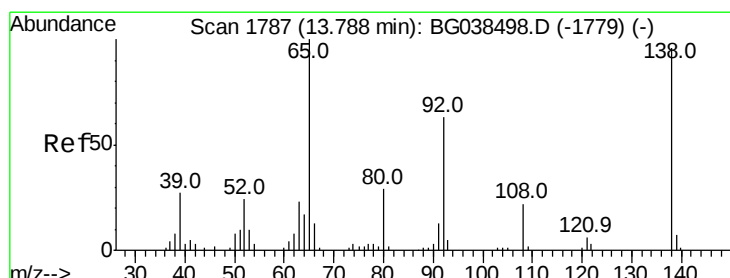
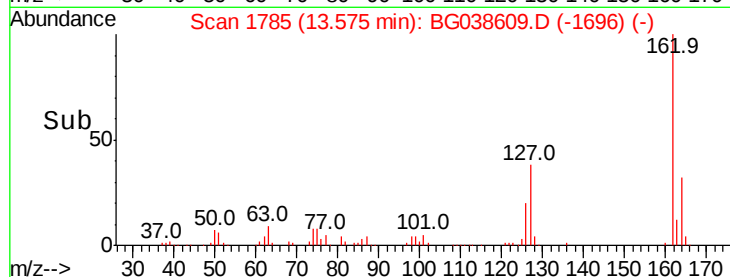
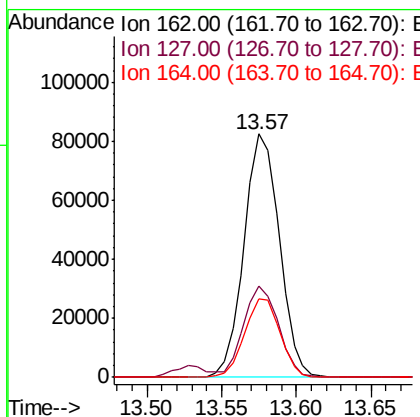
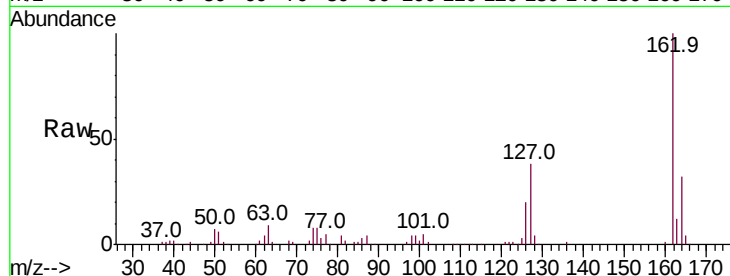
#47
 2-Chloronaphthalene
 Concen: 35.489 ng
 RT: 13.57 min Scan# 1785
 Delta R.T. -0.01 min
 Lab File: BG038609.D
 Acq: 15 Dec 2018 18:08

Instrument :
 BNA_G
 ClientSampleId :
 PB115540BS

Tot Ion:	162	Resp:	134881
Ion Ratio	Lower	Upper	
162	100		
127	37.8	27.8	41.8
164	32.0	26.9	40.3

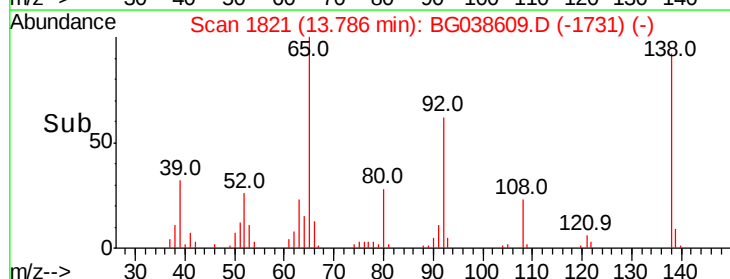
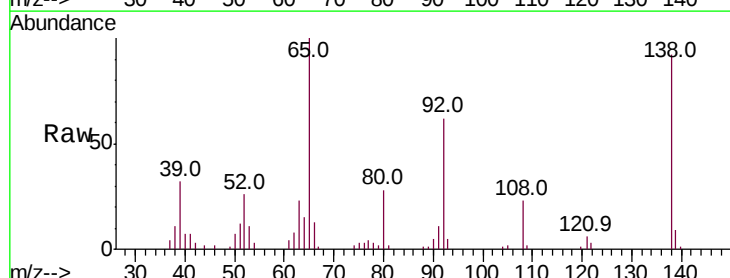
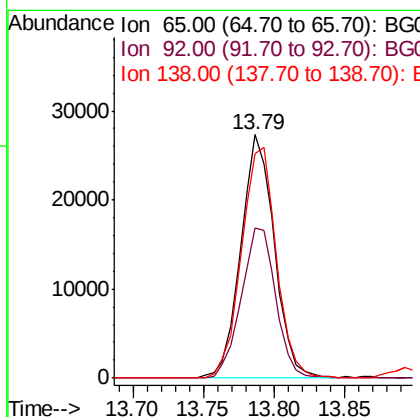
Manual Integrations
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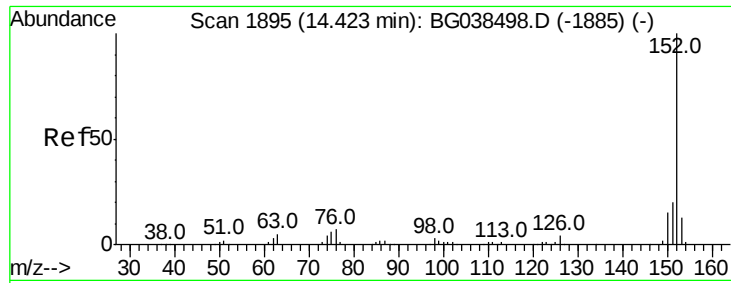
Sohil
 12/16/2018 2:01:15 PM



#48
 2-Nitroaniline
 Concen: 37.404 ng
 RT: 13.79 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: BG038609.D
 Acq: 15 Dec 2018 18:08

Tgt Ion:	65	Resp:	45281
Ion Ratio	Lower	Upper	
65	100		
92	61.6	50.0	75.0
138	92.0	76.9	115.3





#49

Acenaphthylene

Concen: 38.733 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BG038609.D

Acq: 15 Dec 2018 18:08

Instrument :

BNA_G

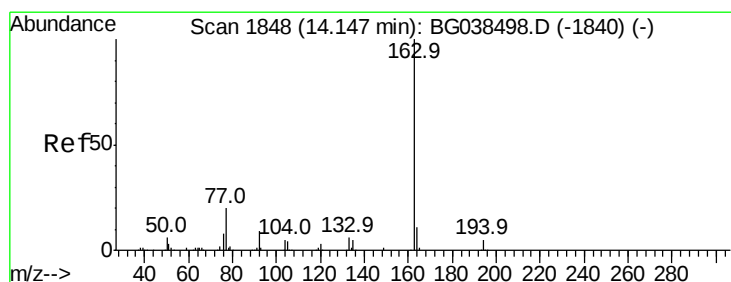
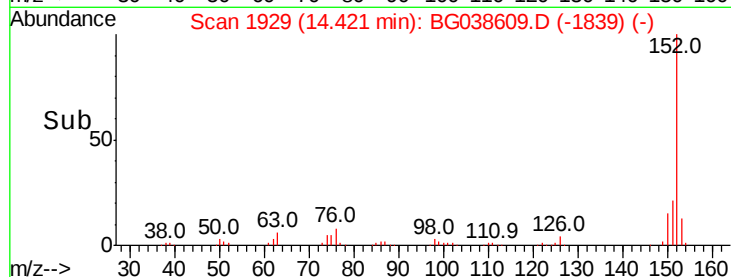
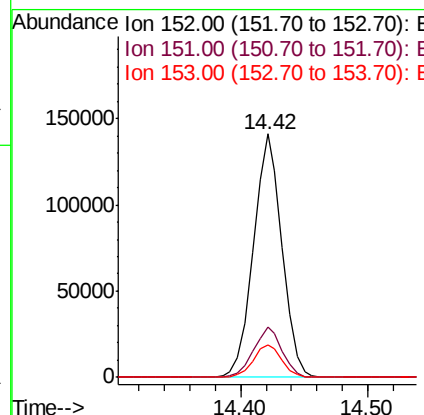
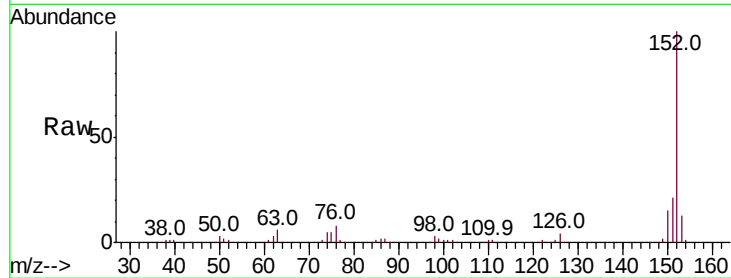
ClientSampleId :

PB115540BS

Tot Ion:	152	Resp:	220073
Ion Ratio	Lower	Upper	
152	100		
151	20.7	16.4	24.6
153	13.4	10.4	15.6

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#50

Dimethylphthalate

Concen: 37.824 ng

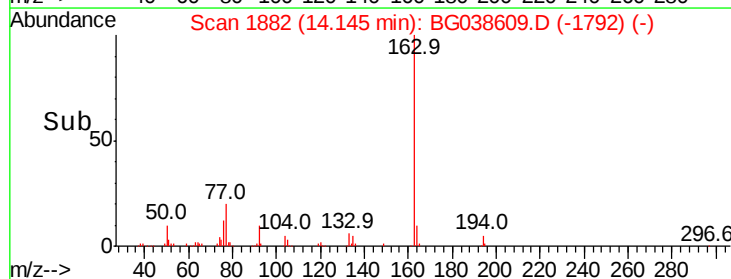
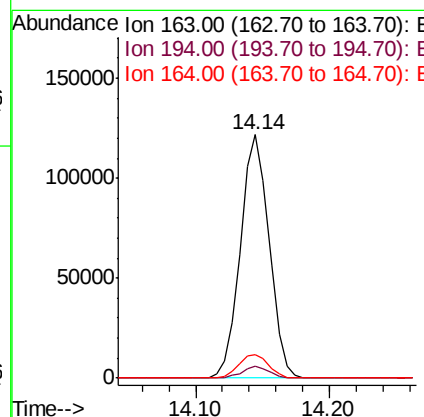
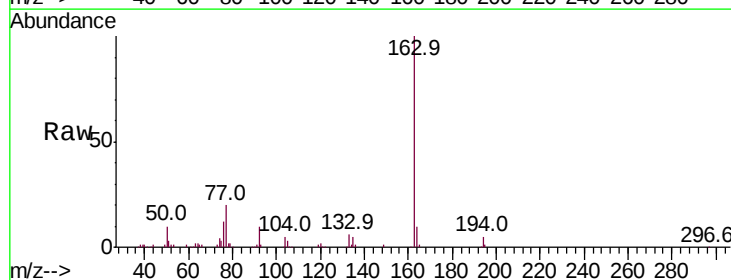
RT: 14.14 min Scan# 1882

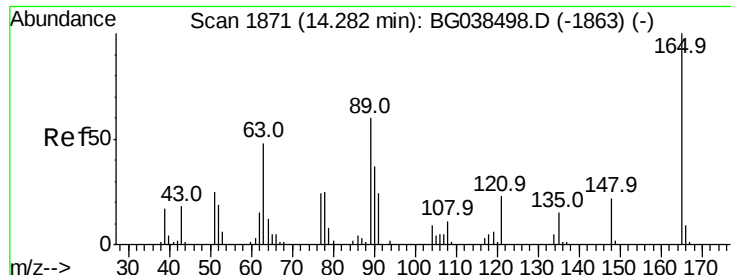
Delta R.T. -0.00 min

Lab File: BG038609.D

Acq: 15 Dec 2018 18:08

Tgt Ion:	163	Resp:	181292
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.7	5.5
164	9.7	8.6	12.8





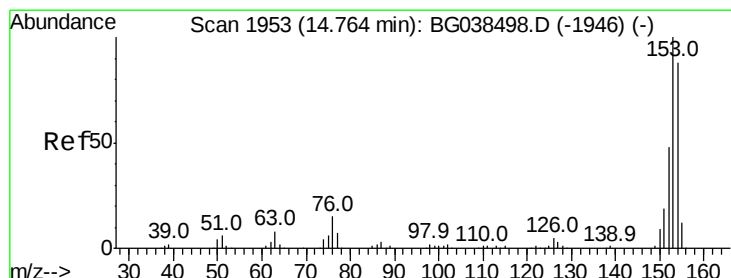
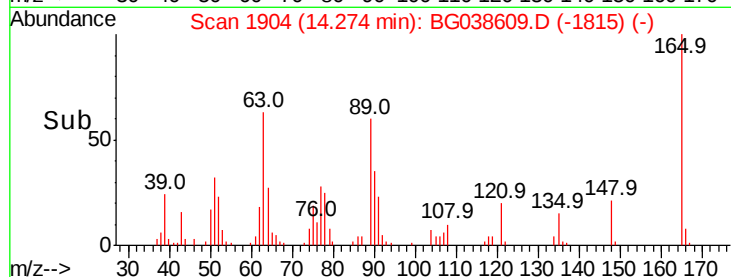
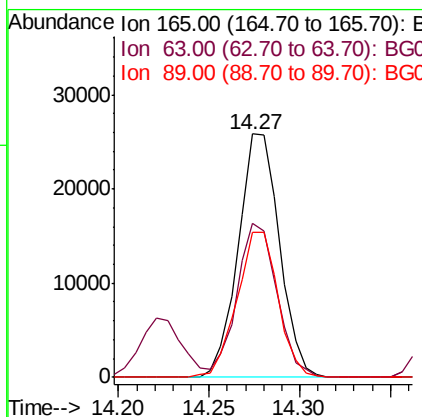
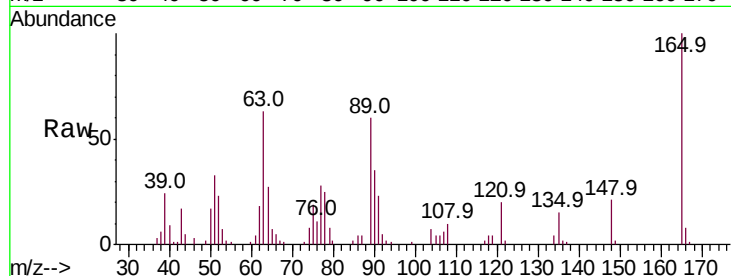
#51
 2,6-Dinitrotoluene
 Concen: 37.609 ng
 RT: 14.27 min Scan# 1904
 Delta R.T. -0.01 min
 Lab File: BG038609.D
 Acq: 15 Dec 2018 18:08

Instrument :
 BNA_G
 ClientSampleId :
 PB115540BS

Tot Ion:	165	Resp:	40850
Ion Ratio	Lower	Upper	
165	100		
63	63.4	51.8	77.6
89	59.6	47.9	71.9

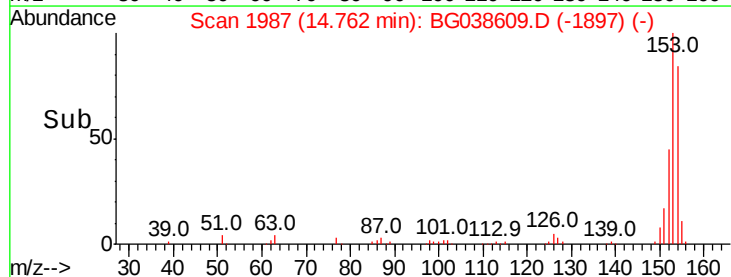
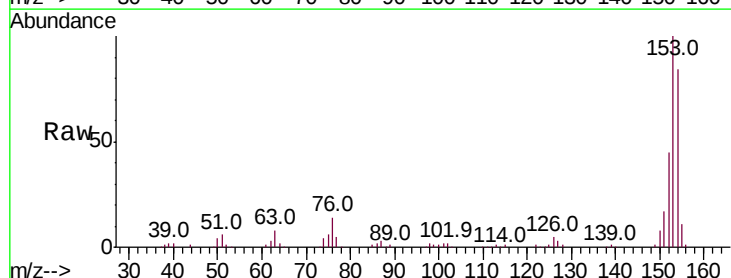
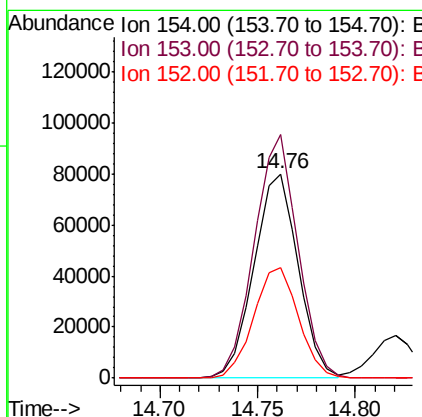
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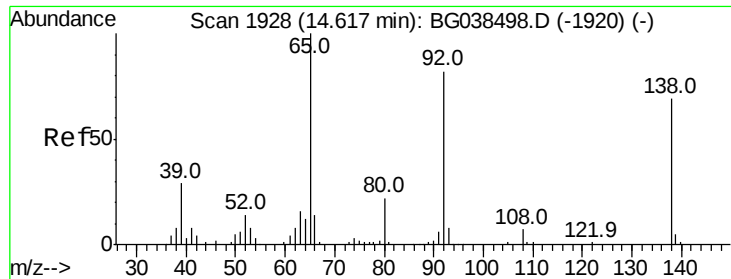
Sohil
 12/16/2018 2:01:15 PM



#52
 Acenaphthene
 Concen: 36.852 ng
 RT: 14.76 min Scan# 1987
 Delta R.T. -0.00 min
 Lab File: BG038609.D
 Acq: 15 Dec 2018 18:08

Tgt Ion:	154	Resp:	125207
Ion Ratio	Lower	Upper	
154	100		
153	119.4	90.6	136.0
152	54.3	43.5	65.3





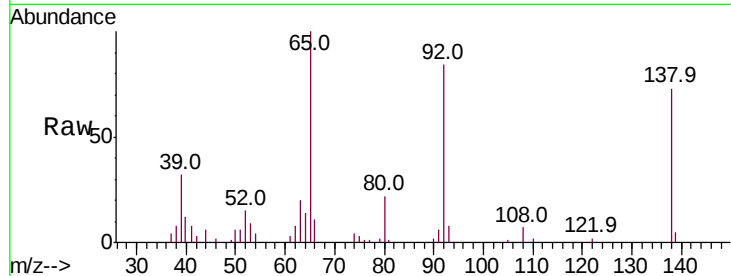
#53
3-Nitroaniline
Concen: 14.918 ng
RT: 14.61 min Scan# 1962
Delta R.T. -0.00 min
Lab File: BG038609.D
Acq: 15 Dec 2018 18:08

Instrument :
BNA_G
ClientSampleId :
PB115540BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.9	7.9	11.9
92	115.1	95.3	142.9

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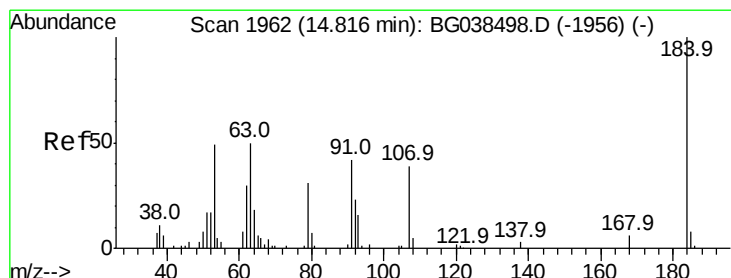
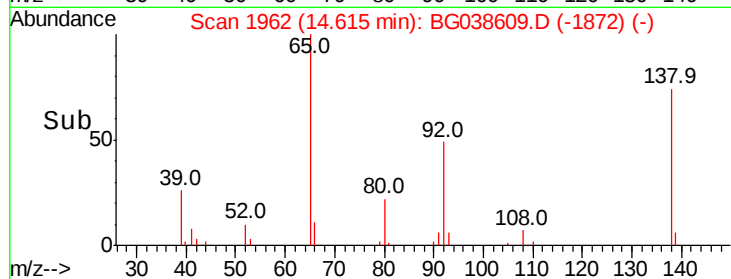
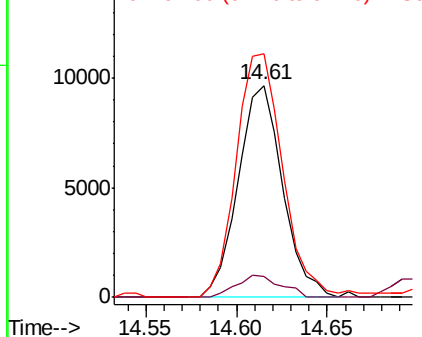


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54
2,4-Dinitrophenol
Concen: 67.155 ng
RT: 14.82 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BG038609.D
Acq: 15 Dec 2018 18:08

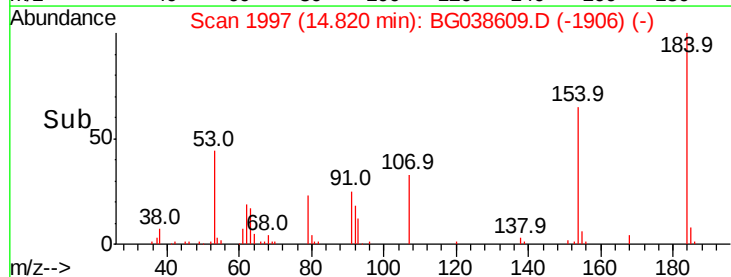
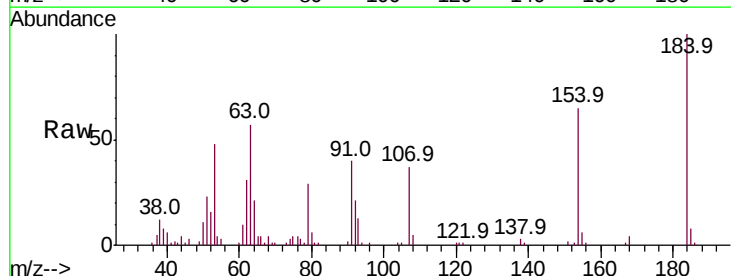
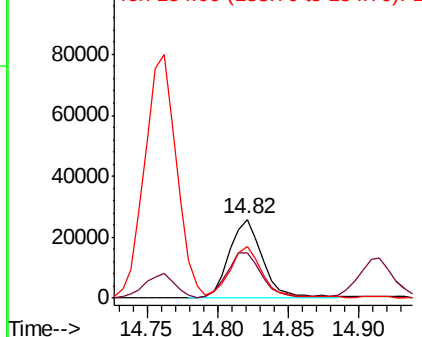
Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.0	47.0	70.6
154	65.1	50.3	75.5

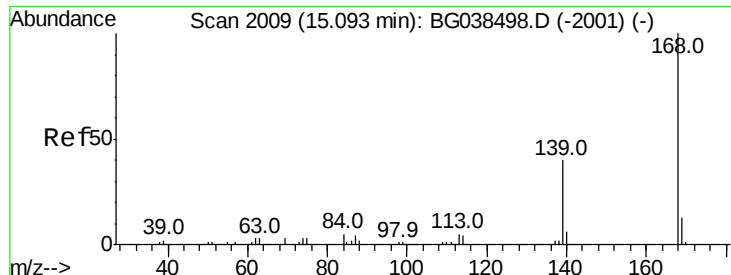
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





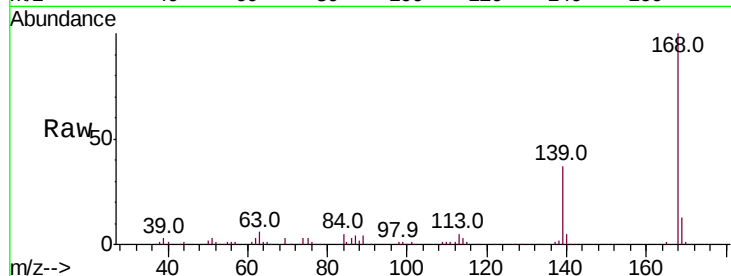
#55
Dibenzenofuran
Concen: 36.263 ng
RT: 15.09 min Scan# 2043
Delta R.T. -0.00 min
Lab File: BG038609.D
Acq: 15 Dec 2018 18:08

Instrument :
BNA_G
ClientSampleId :
PB115540BS

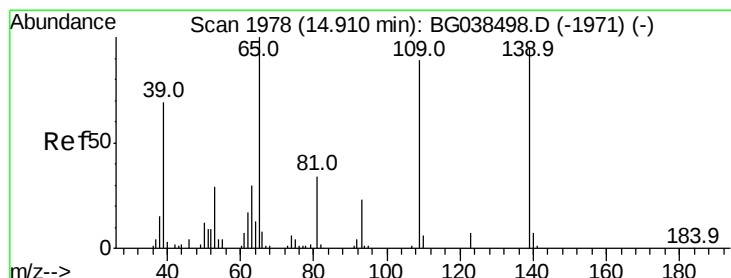
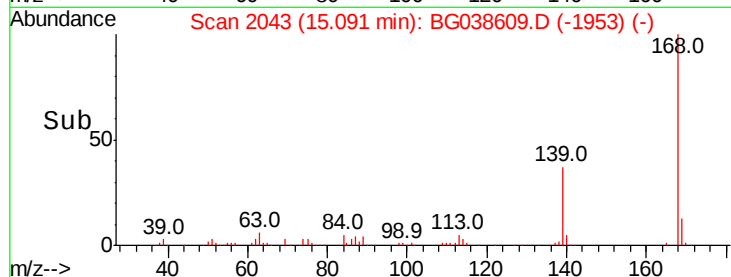
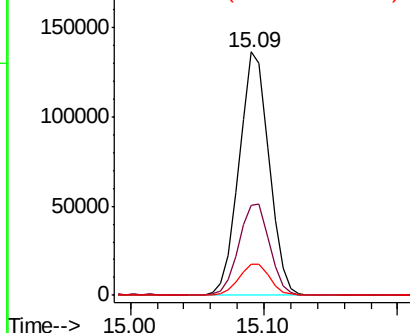
Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	37.1	32.2	48.2	
169	12.9	10.6	16.0	

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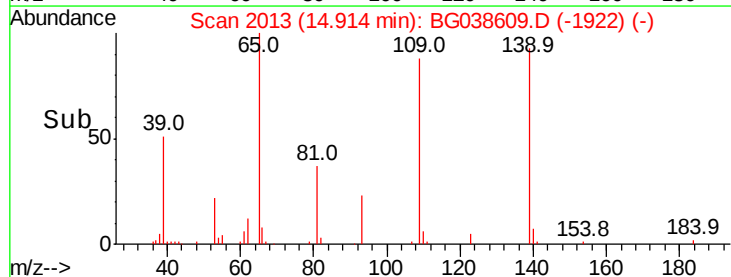
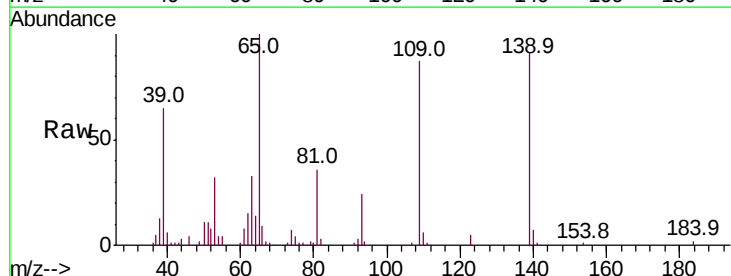
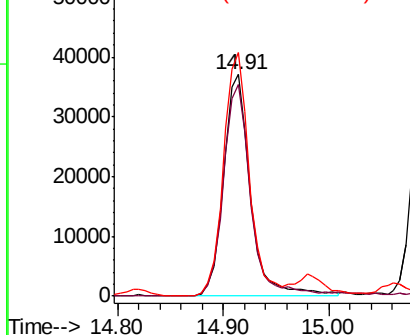
Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

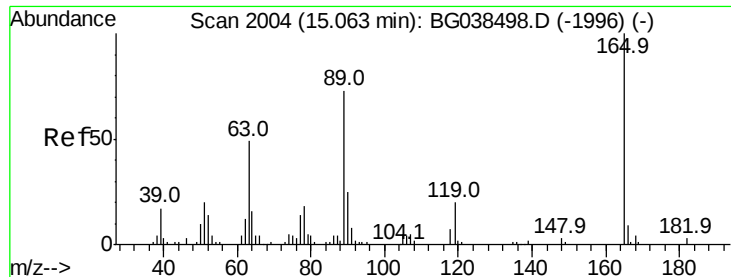


#56
4-Nitrophenol
Concen: 77.835 ng
RT: 14.91 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BG038609.D
Acq: 15 Dec 2018 18:08

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	95.4	73.6	113.6	
65	110.0	84.8	124.8	

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





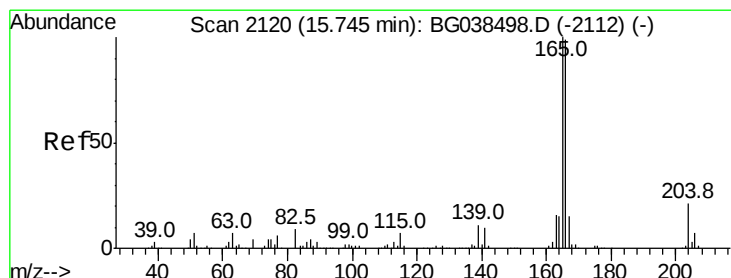
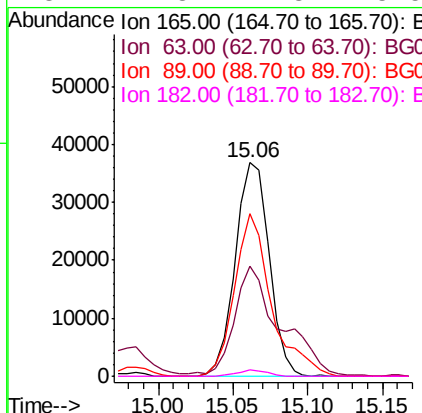
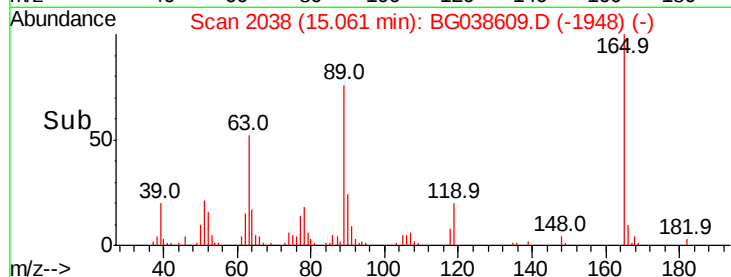
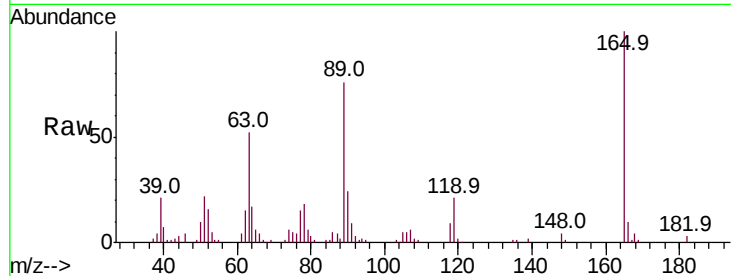
#57
2,4-Dinitrotoluene
Concen: 38.112 ng
RT: 15.06 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BG038609.D
Acq: 15 Dec 2018 18:08

Instrument :
BNA_G
ClientSampleId :
PB115540BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	58305		
63	51.5	39.0	58.4	
89	76.0	58.0	87.0	
182	2.8	2.3	3.5	

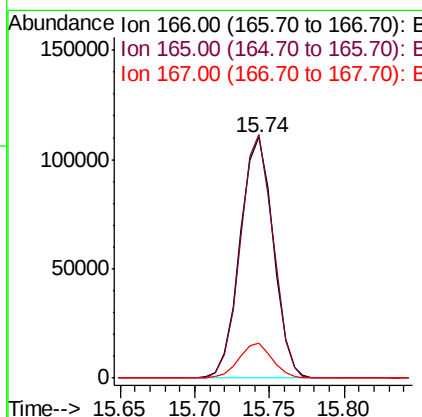
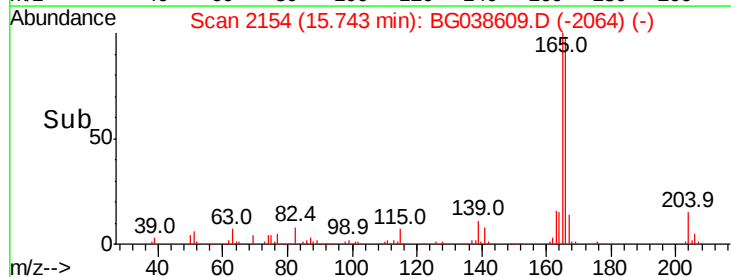
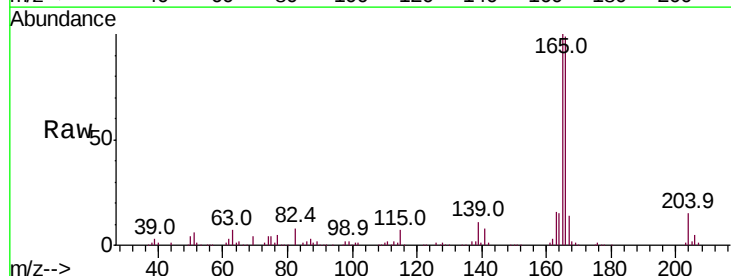
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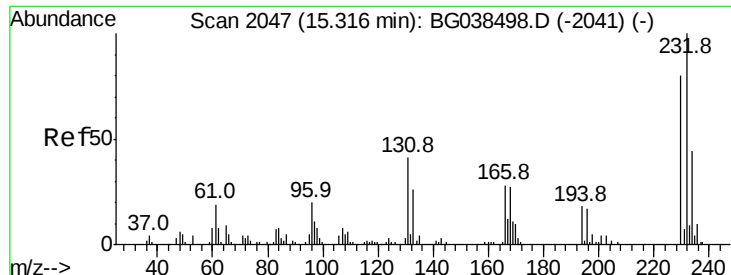
Sohil
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#58
Fluorene
Concen: 39.548 ng
RT: 15.74 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BG038609.D
Acq: 15 Dec 2018 18:08

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	170641		
165	101.2	80.6	120.8	
167	14.6	12.0	18.0	





#59

2,3,4,6-Tetrachlorophenol

Concen: 40.359 ng

RT: 15.31 min Scan# 2081

Delta R.T. -0.00 min

Lab File: BG038609.D

Acq: 15 Dec 2018 18:08

Instrument :

BNA_G

ClientSampleId :

PB115540BS

Tot Ion:232 Resp: 51860

Ion Ratio Lower Upper

232 100

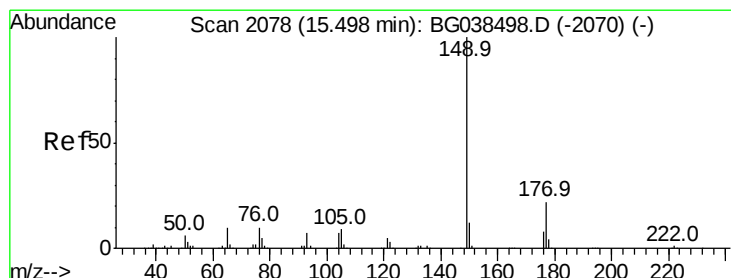
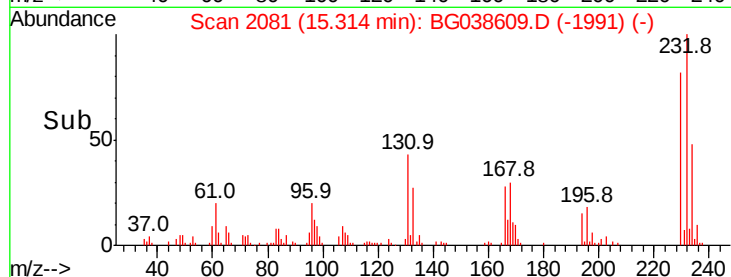
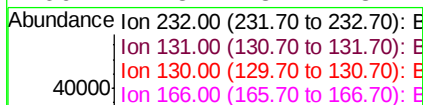
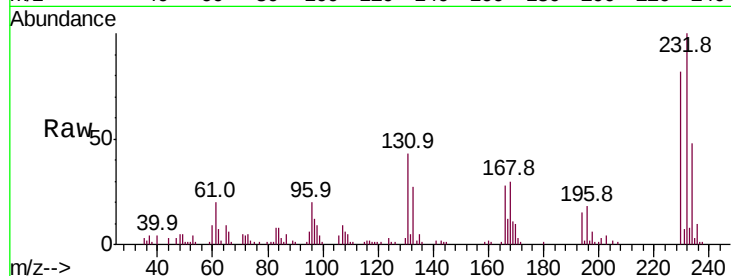
131 42.7 33.0 49.4

130 2.6 2.0 3.0

166 27.8 23.1 34.7

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#60

Diethylphthalate

Concen: 36.030 ng

RT: 15.50 min Scan# 2112

Delta R.T. -0.00 min

Lab File: BG038609.D

Acq: 15 Dec 2018 18:08

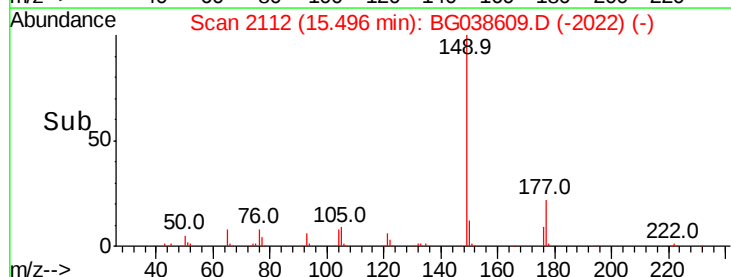
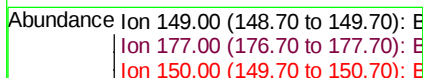
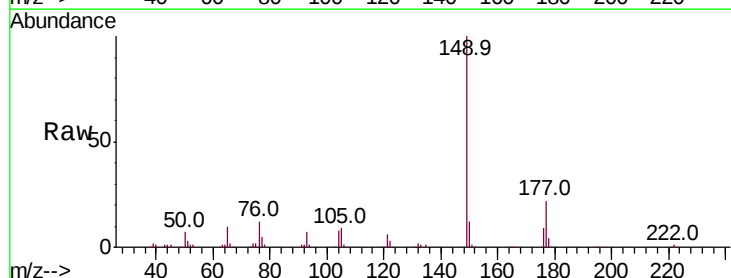
Tgt Ion:149 Resp: 189579

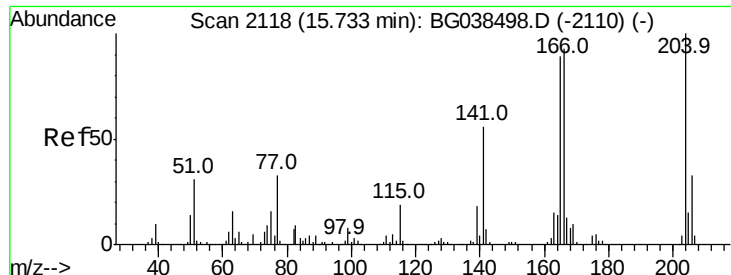
Ion Ratio Lower Upper

149 100

177 21.8 17.7 26.5

150 12.2 9.9 14.9





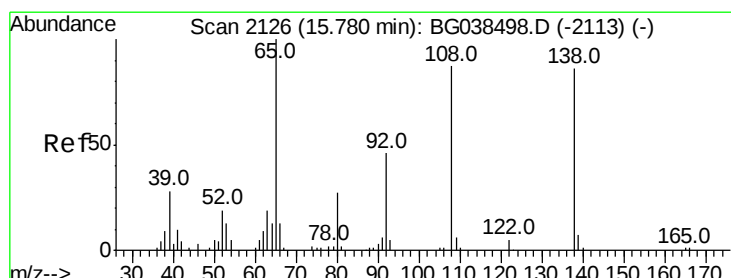
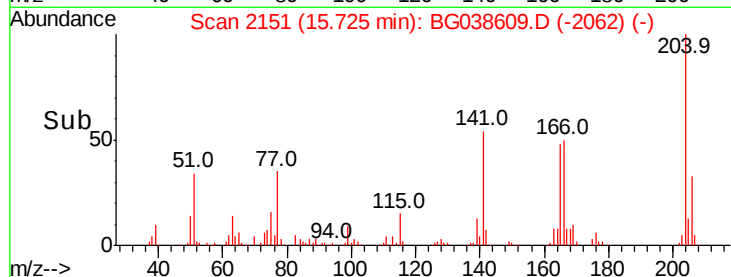
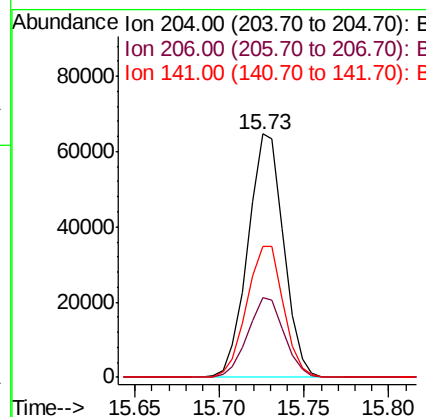
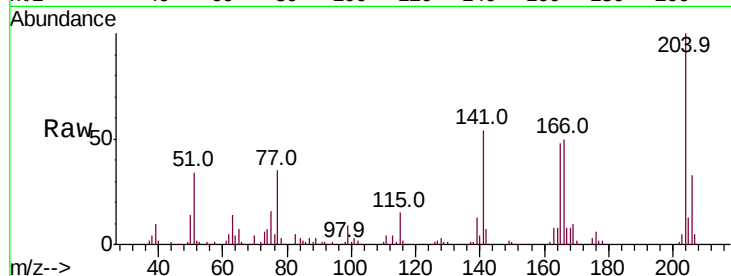
#61
4-Chlorophenyl-phenylether
Concen: 35.449 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BG038609.D
Acq: 15 Dec 2018 18:08

Instrument :
BNA_G
ClientSampleID :
PB115540BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.0	39.0
141	53.9	44.4	66.6

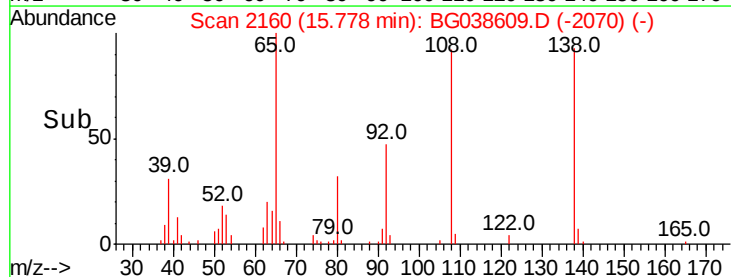
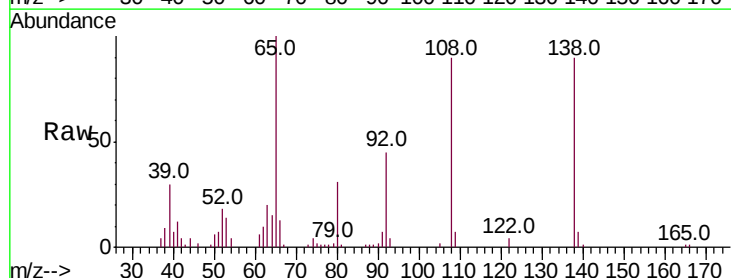
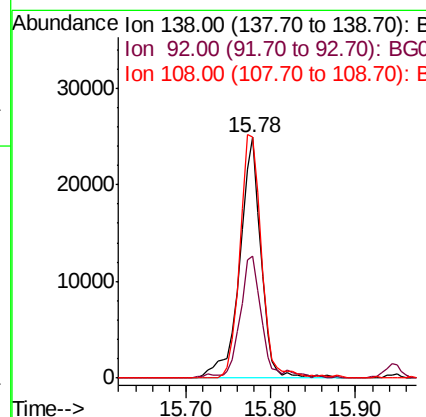
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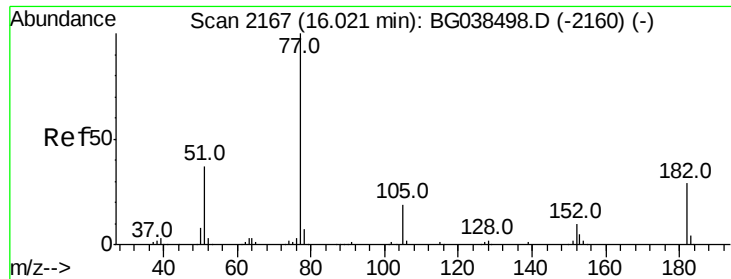
Sohil
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#62
4-Nitroaniline
Concen: 37.435 ng
RT: 15.78 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BG038609.D
Acq: 15 Dec 2018 18:08

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.5	33.3	73.3
108	100.1	81.4	121.4





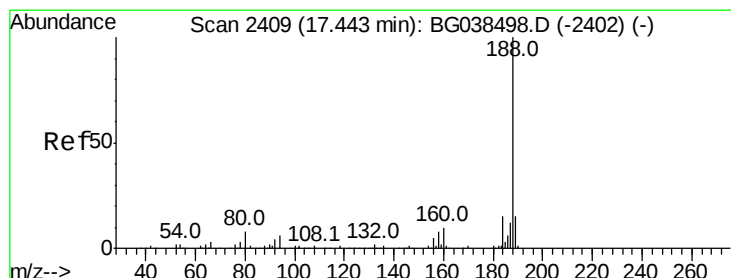
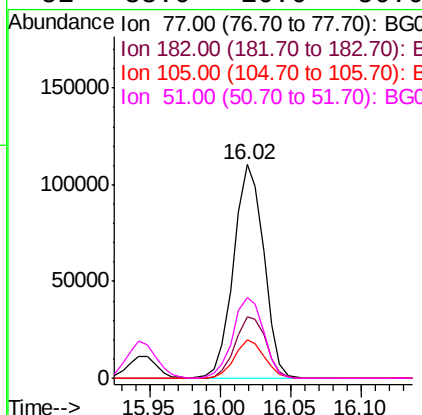
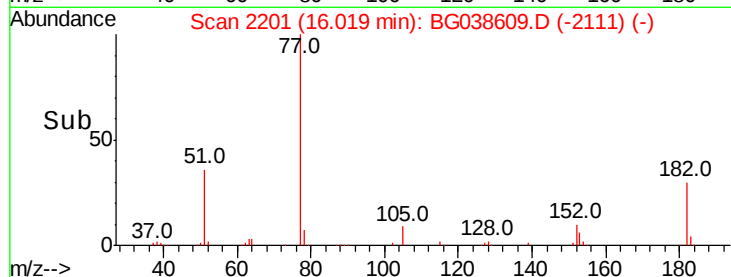
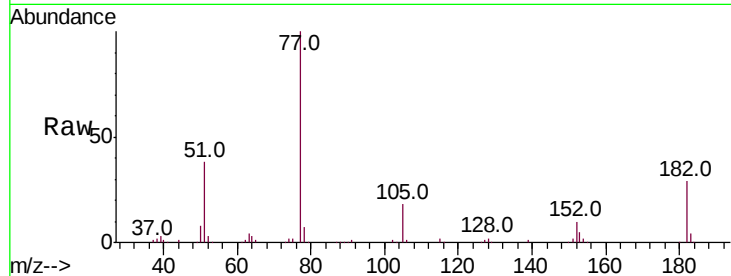
#63
Azobenzene
Concen: 37.492 ng
RT: 16.02 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BG038609.D
Acq: 15 Dec 2018 18:08

Instrument :
BNA_G
ClientSampleId :
PB115540BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.6	8.7	48.7
105	18.0	0.0	38.7
51	38.0	16.6	56.6

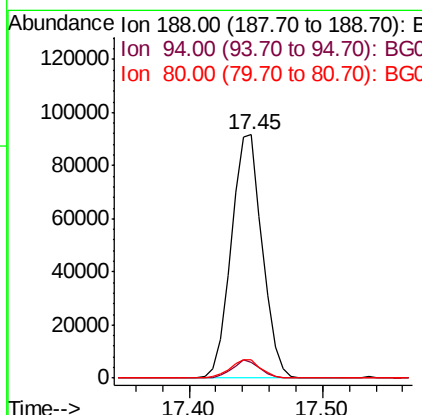
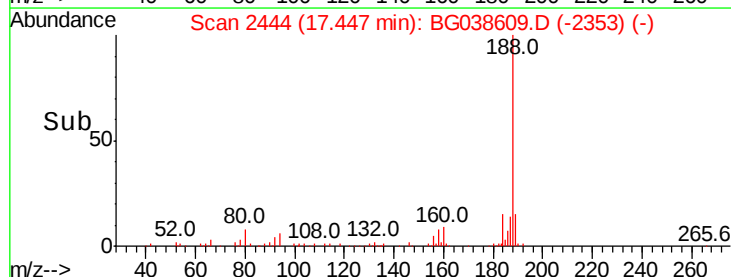
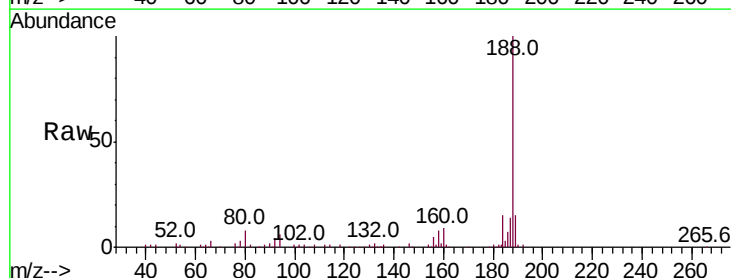
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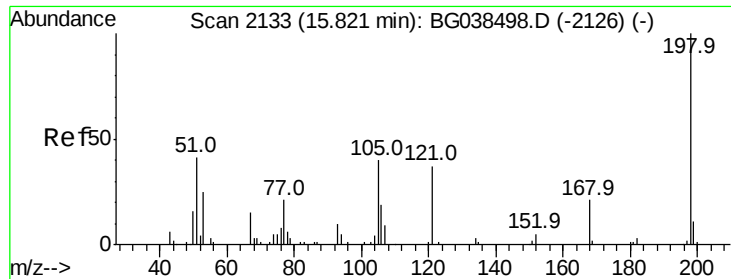
Sohil
12/16/2018 2:01:15 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2444
Delta R.T. 0.00 min
Lab File: BG038609.D
Acq: 15 Dec 2018 18:08

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.2	5.1	7.7
80	7.5	6.1	9.1





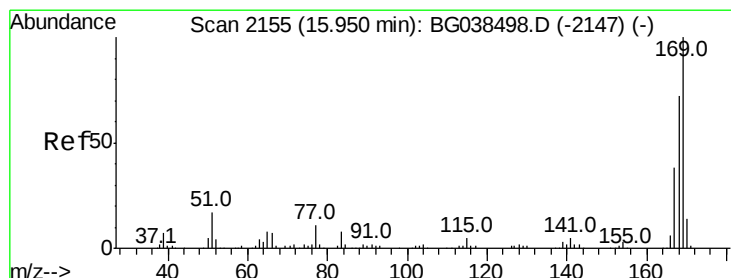
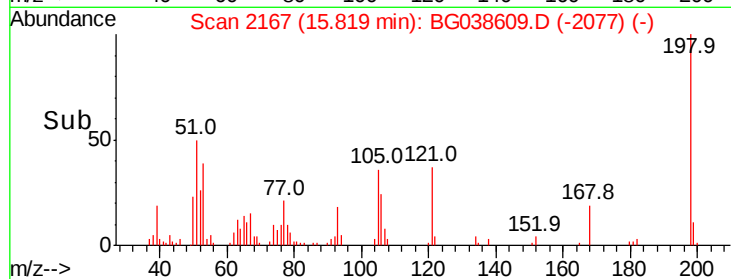
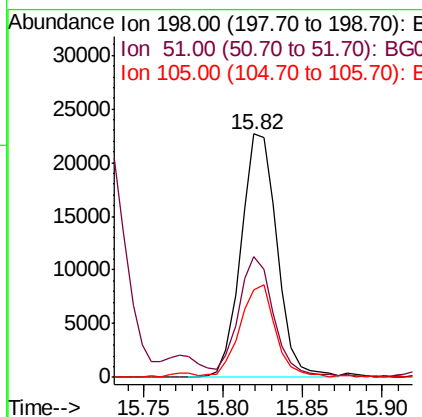
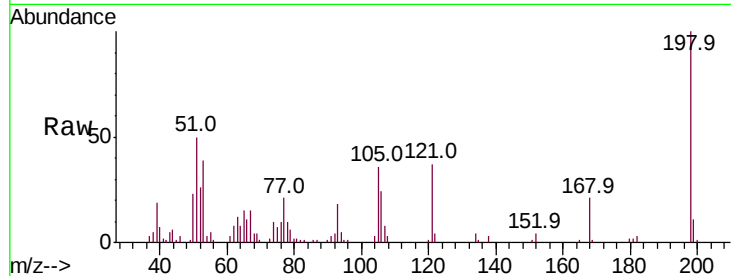
#65
4,6-Dinitro-2-methylphenol
Concen: 33.980 ng
RT: 15.82 min Scan# 2167
Delta R.T. -0.00 min
Lab File: BG038609.D
Acq: 15 Dec 2018 18:08

Instrument :
BNA_G
ClientSampleId :
PB115540BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	35810		
51	49.8	28.6	68.6	
105	35.8	20.4	60.4	

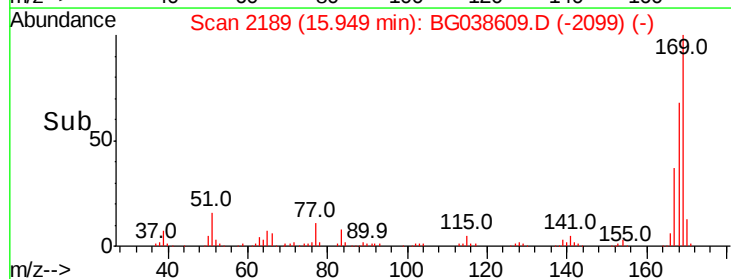
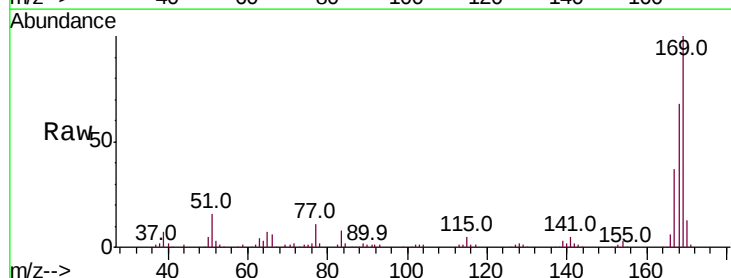
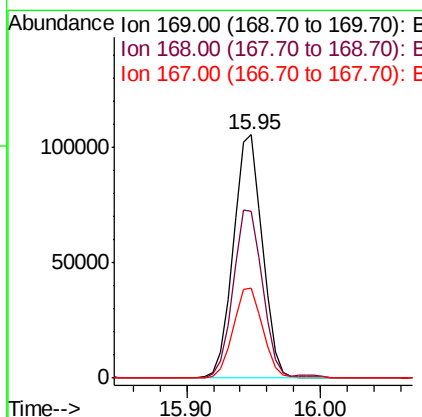
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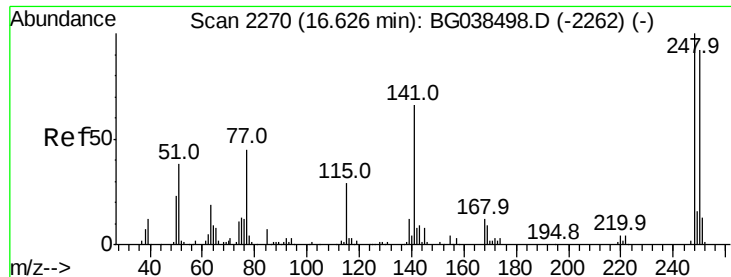
Sohil
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#66
n-Nitrosodiphenylamine
Concen: 36.679 ng
RT: 15.95 min Scan# 2189
Delta R.T. -0.00 min
Lab File: BG038609.D
Acq: 15 Dec 2018 18:08

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	159214		
168	68.5	57.5	86.3	
167	37.1	30.2	45.2	





#67

4-Bromophenyl-phenylether

Concen: 34.298 ng

RT: 16.62 min Scan# 2304

Delta R.T. -0.00 min

Lab File: BG038609.D

Acq: 15 Dec 2018 18:08

Instrument :

BNA_G

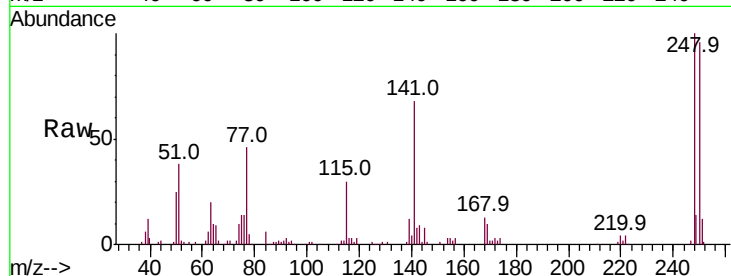
ClientSampled :

PB115540BS

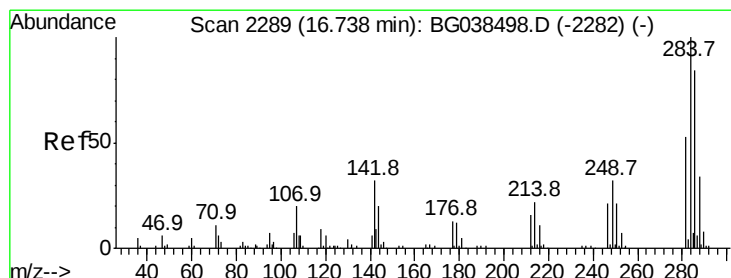
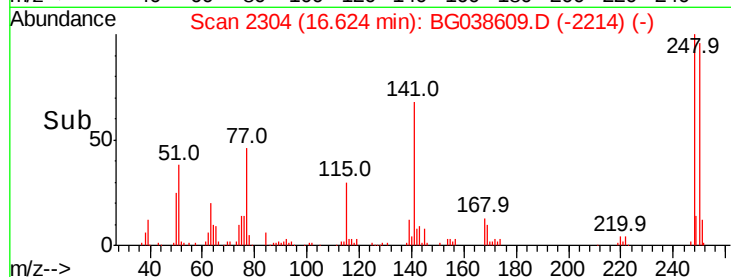
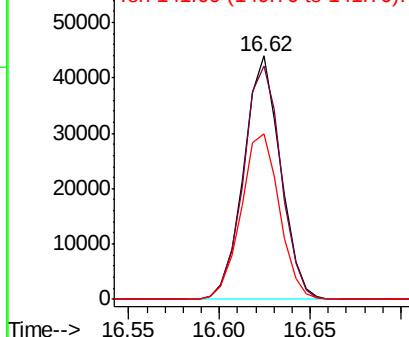
Tot Ion:	248	Resp:	61883
Ion Ratio	Lower	Upper	
248	100		
250	95.8	73.4	110.2
141	68.1	52.9	79.3

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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: 35.440 ng

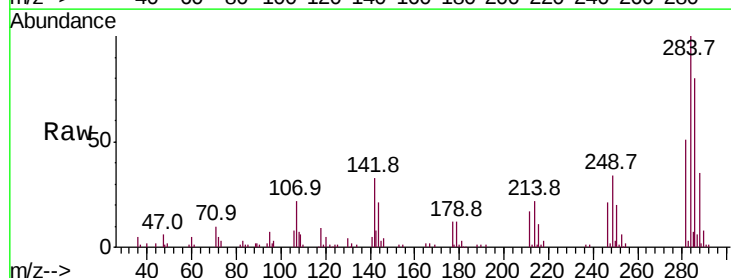
RT: 16.74 min Scan# 2323

Delta R.T. -0.00 min

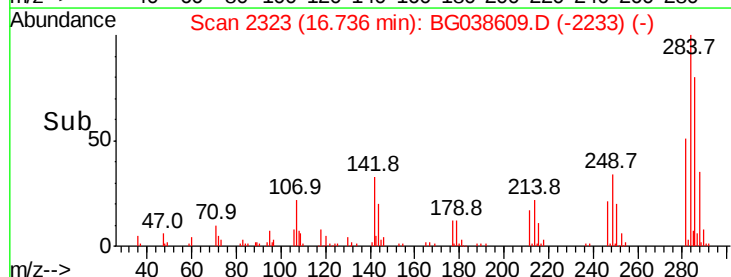
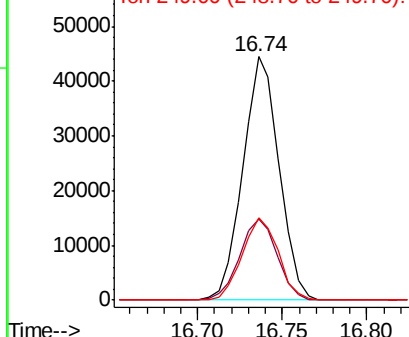
Lab File: BG038609.D

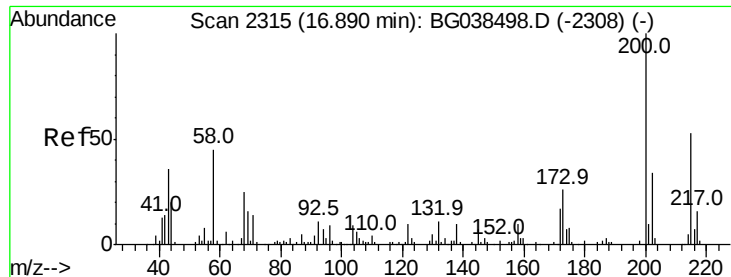
Acq: 15 Dec 2018 18:08

Tgt Ion:	284	Resp:	66285
Ion Ratio	Lower	Upper	
284	100		
142	33.2	25.8	38.6
249	36.6	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





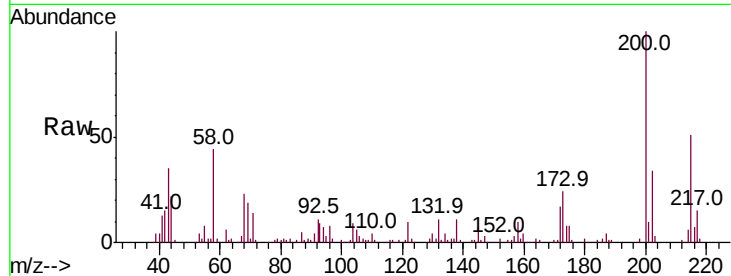
#69
Atrazine
Concen: 41.414 ng
RT: 16.89 min Scan# 2349
Delta R.T. -0.00 min
Lab File: BG038609.D
Acq: 15 Dec 2018 18:08

Instrument :
BNA_G
ClientSampleId :
PB115540BS

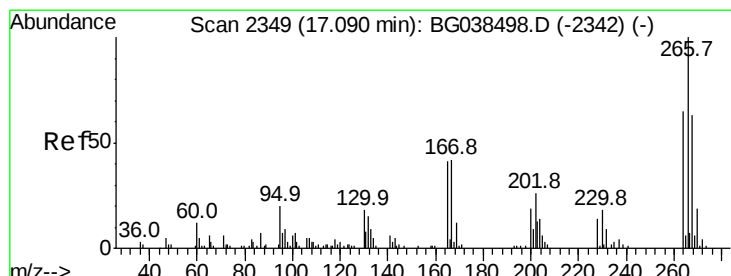
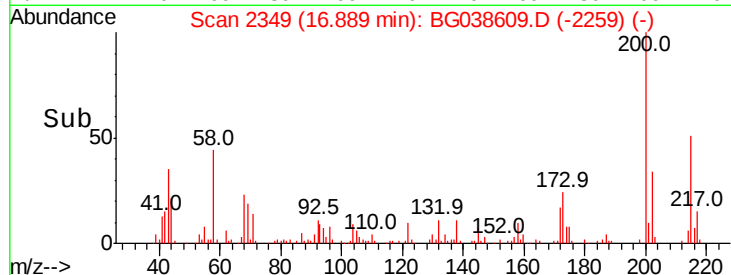
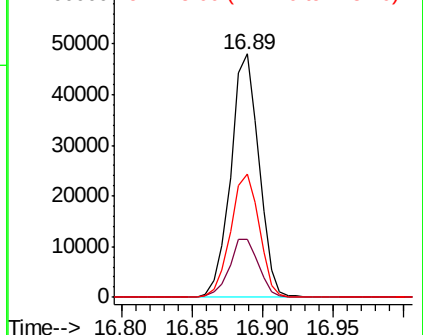
Tot Ion	Ratio	Lower	Upper
200	100		
173	23.7	5.9	45.9
215	50.7	33.1	73.1

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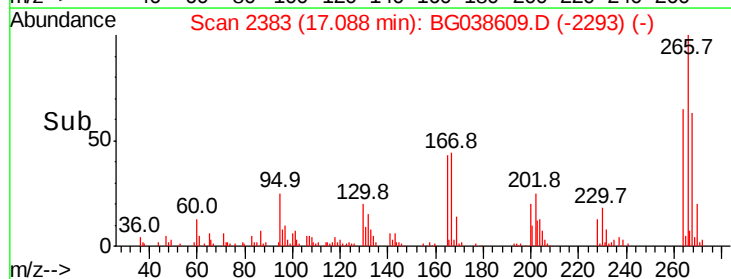
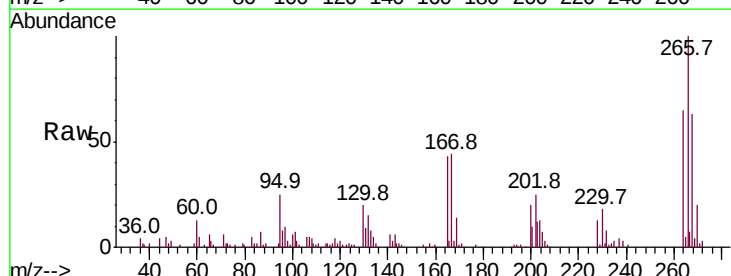
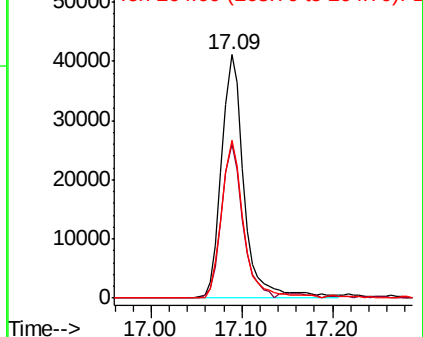
Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

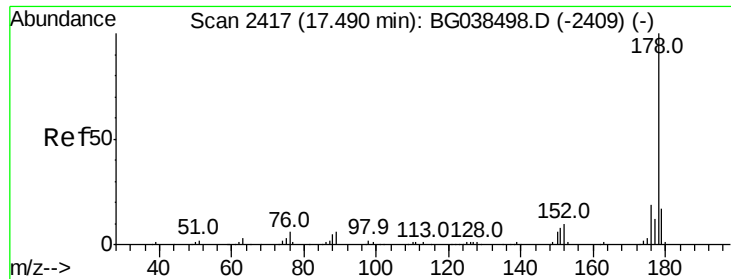


#70
Pentachlorophenol
Concen: 64.252 ng
RT: 17.09 min Scan# 2383
Delta R.T. -0.00 min
Lab File: BG038609.D
Acq: 15 Dec 2018 18:08

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.3	55.0	82.6
264	69.7	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





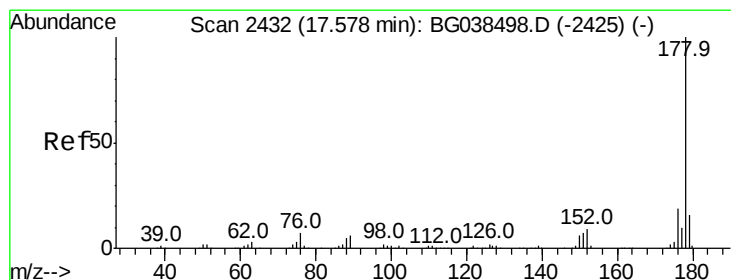
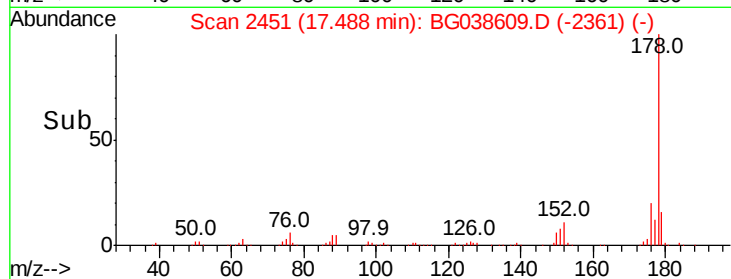
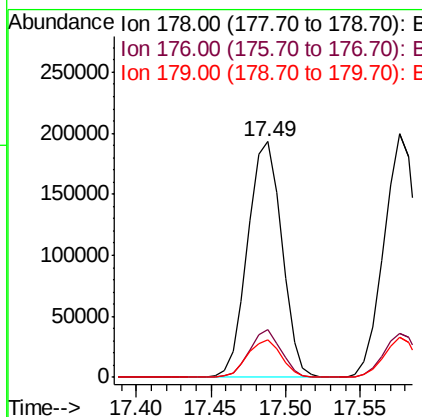
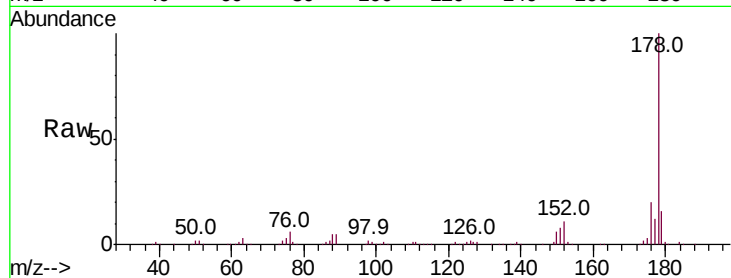
#71
 Phenanthrene
 Concen: 39.801 ng
 RT: 17.49 min Scan# 2451
 Delta R.T. -0.00 min
 Lab File: BG038609.D
 Acq: 15 Dec 2018 18:08

Instrument :
 BNA_G
 ClientSampleID :
 PB115540BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.1	22.7
179	15.9	13.2	19.8

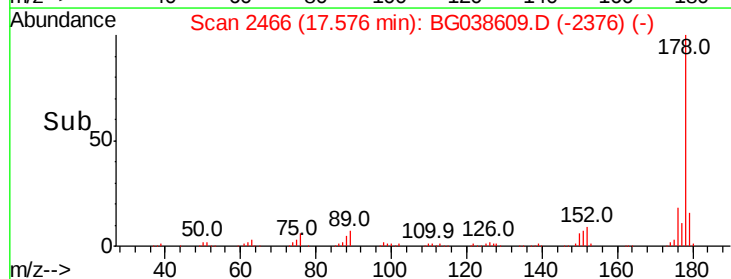
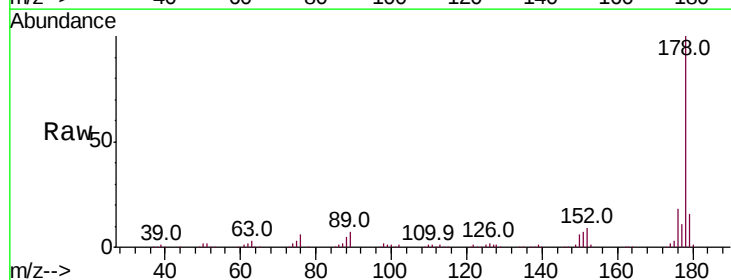
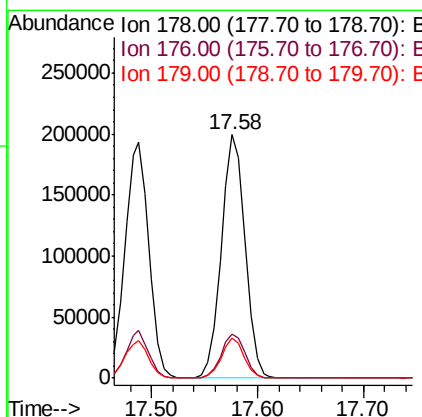
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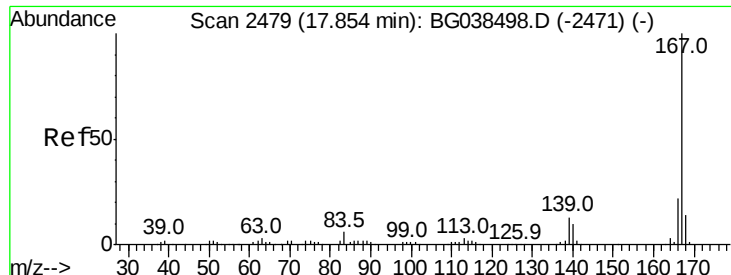
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#72
 Anthracene
 Concen: 41.086 ng
 RT: 17.58 min Scan# 2466
 Delta R.T. -0.00 min
 Lab File: BG038609.D
 Acq: 15 Dec 2018 18:08

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.1	22.7
179	16.5	12.9	19.3





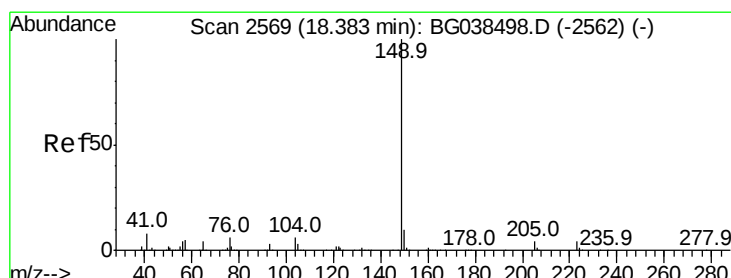
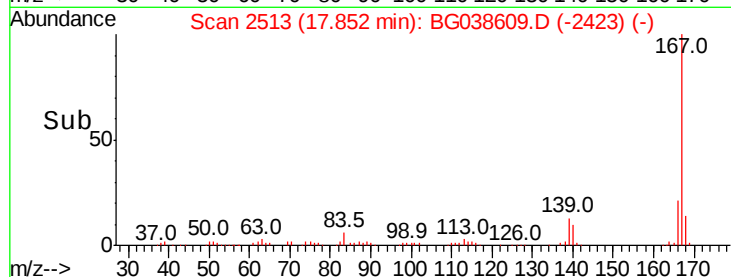
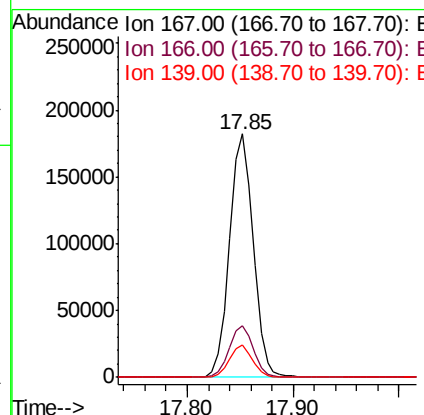
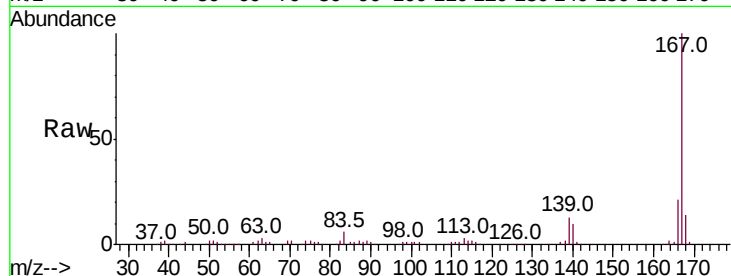
#73
 Carbazole
 Concen: 37.898 ng
 RT: 17.85 min Scan# 2513
 Delta R.T. -0.00 min
 Lab File: BG038609.D
 Acq: 15 Dec 2018 18:08

Instrument :
 BNA_G
 ClientSampleId :
 PB115540BS

Tot Ion	Ratio	Resp Lower	Resp Upper
167	100		
166	21.4	17.9	26.9
139	13.2	10.2	15.2

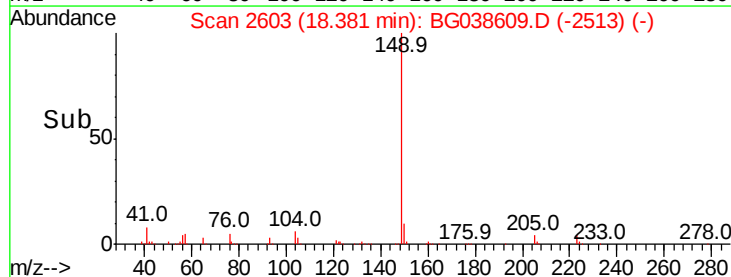
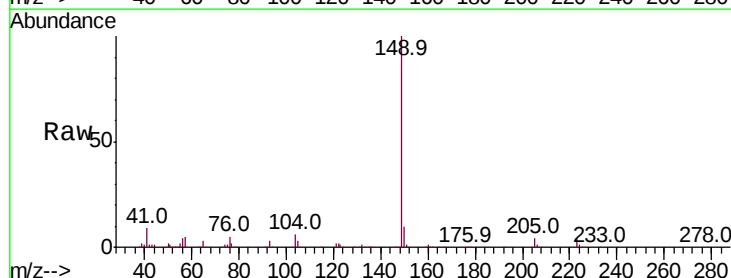
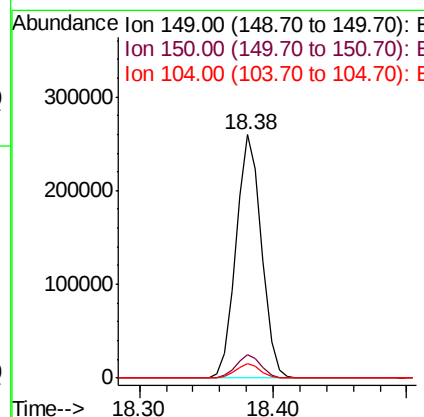
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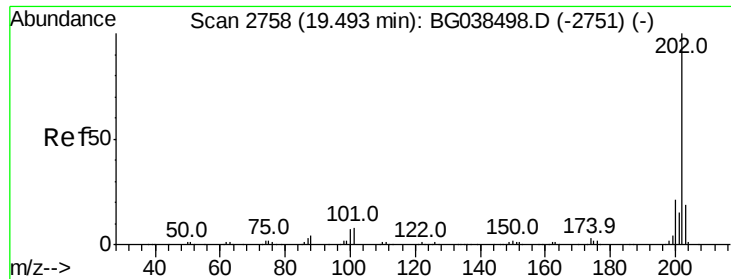
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#74
 Di-n-butylphthalate
 Concen: 40.250 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. -0.00 min
 Lab File: BG038609.D
 Acq: 15 Dec 2018 18:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
150	9.5	7.6	11.4
104	5.9	5.0	7.4





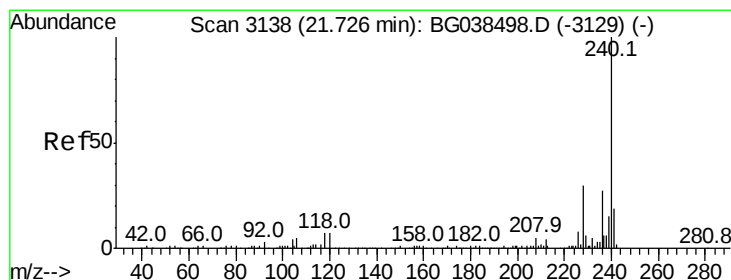
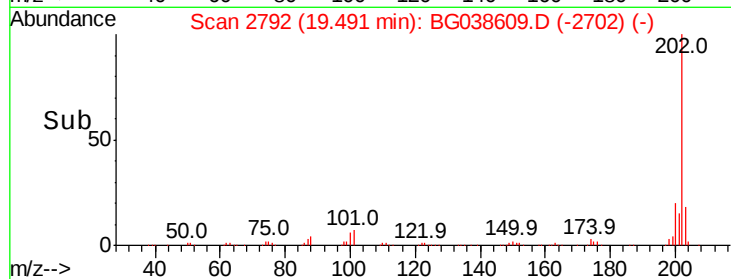
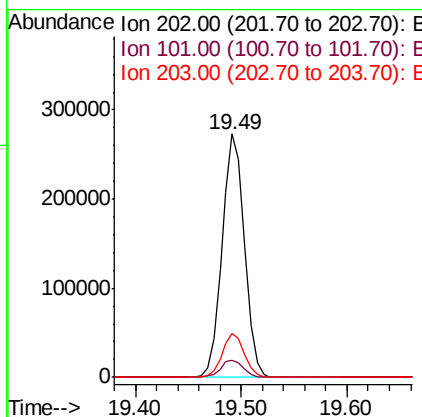
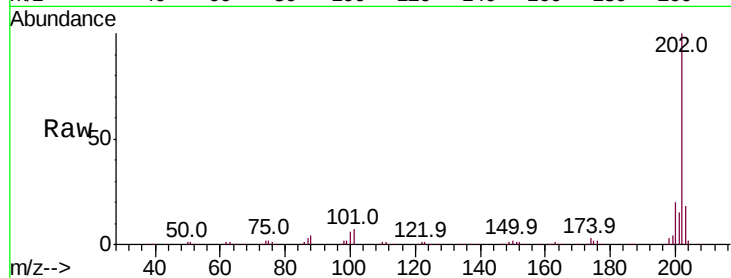
#75
 Fluoranthene
 Concen: 41.982 ng
 RT: 19.49 min Scan# 2792
 Delta R.T. -0.00 min
 Lab File: BG038609.D
 Acq: 15 Dec 2018 18:08

Instrument :
 BNA_G
 ClientSampleId :
 PB115540BS

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

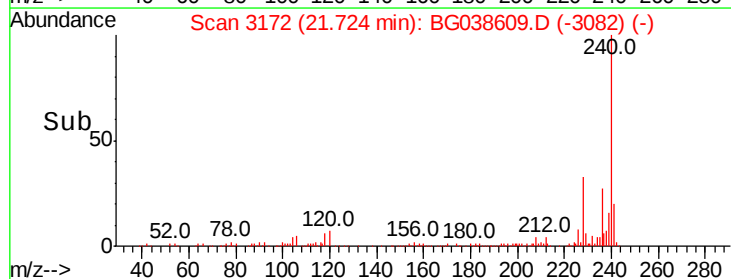
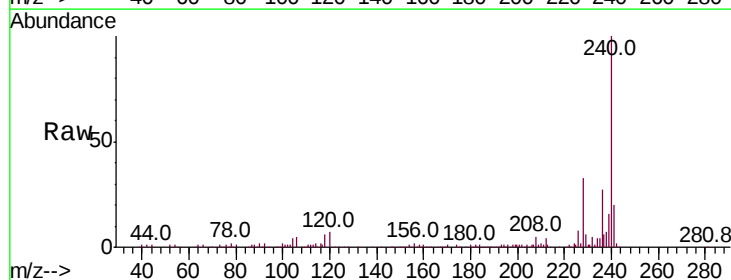
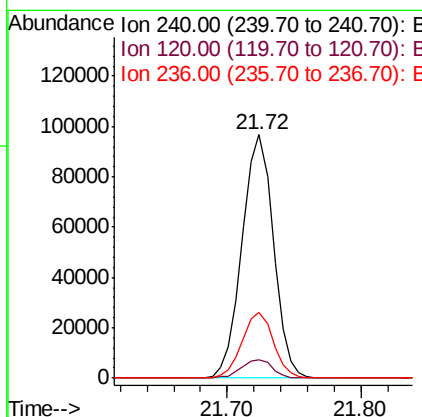
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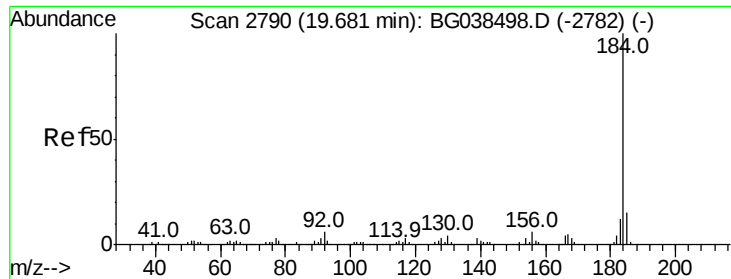
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3172
 Delta R.T. -0.00 min
 Lab File: BG038609.D
 Acq: 15 Dec 2018 18:08

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	7.3	5.3	7.9
236	27.2	21.4	32.2





#77

Benzidine

Concen: 18.805 ng

RT: 19.68 min Scan# 2824

Delta R.T. -0.00 min

Lab File: BG038609.D

Acq: 15 Dec 2018 18:08

Instrument :

BNA_G

ClientSampleId :

PB115540BS

Tot Ion:184 Resp: 87522

Ion Ratio Lower Upper

184 100

185 16.1 12.2 18.2

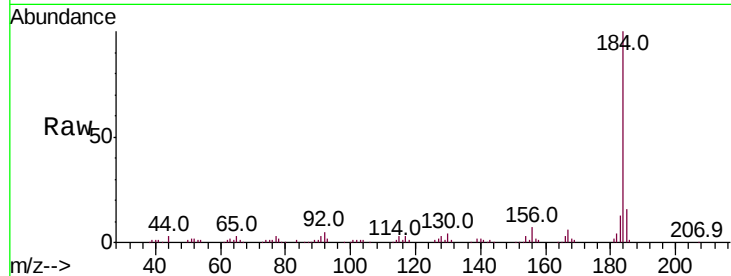
183 12.6 9.6 14.4

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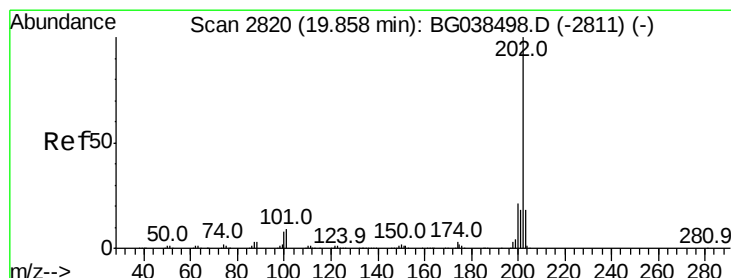
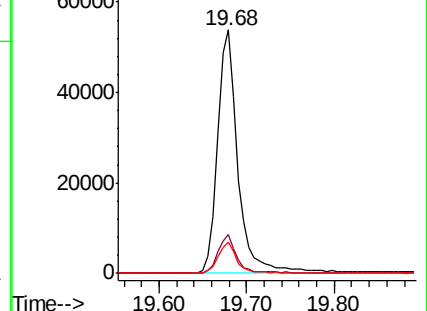
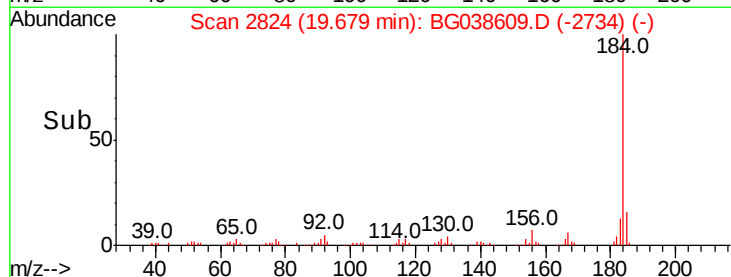
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.515 ng

RT: 19.86 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG038609.D

Acq: 15 Dec 2018 18:08

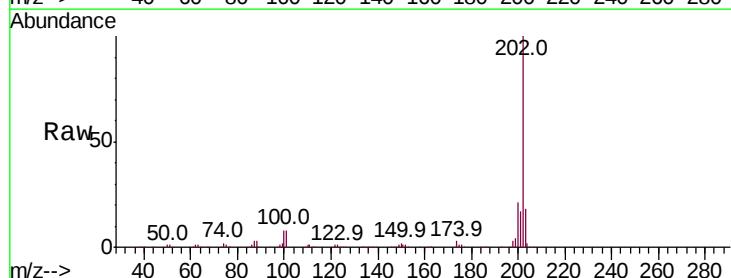
Tgt Ion:202 Resp: 400421

Ion Ratio Lower Upper

202 100

200 20.9 16.6 25.0

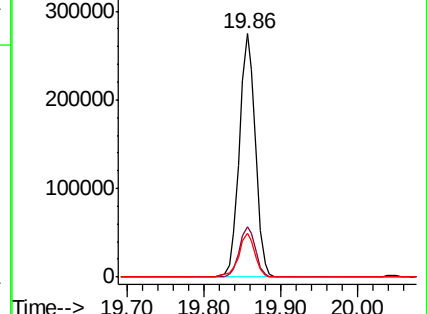
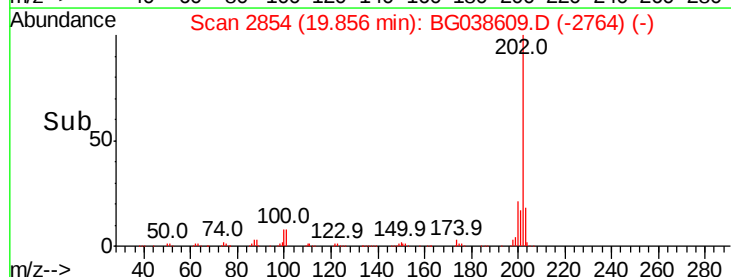
203 17.8 14.6 21.8

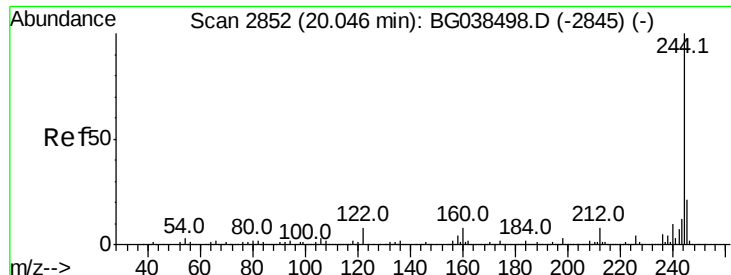


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 81.463 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038609.D

Acq: 15 Dec 2018 18:08

Instrument :

BNA_G

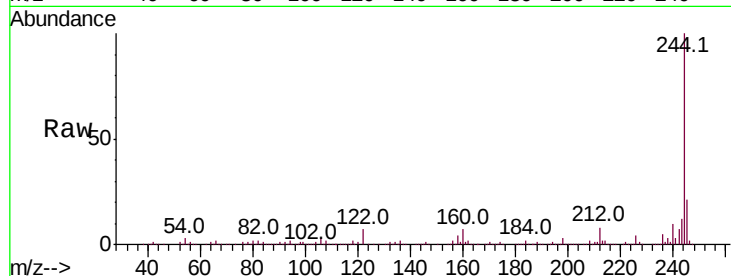
ClientSampleId :

PB115540BS

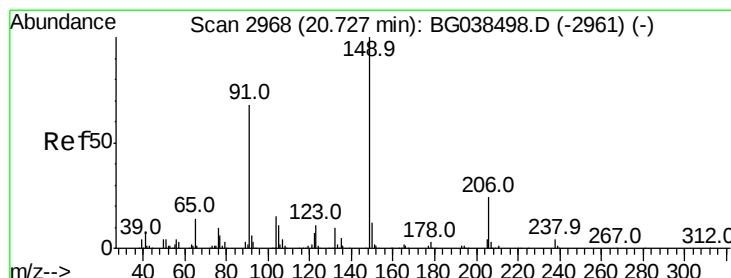
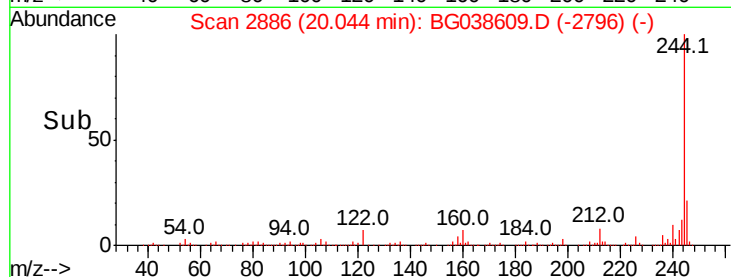
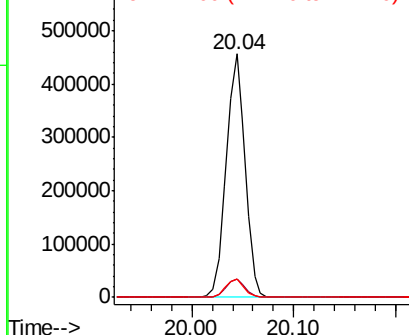
Tot Ion:	244	Resp:	589063
Ion Ratio	Lower	Upper	
244	100		
212	7.8	6.2	9.2
122	7.3	6.3	9.5

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



#80

Butylbenzylphthalate

Concen: 38.770 ng

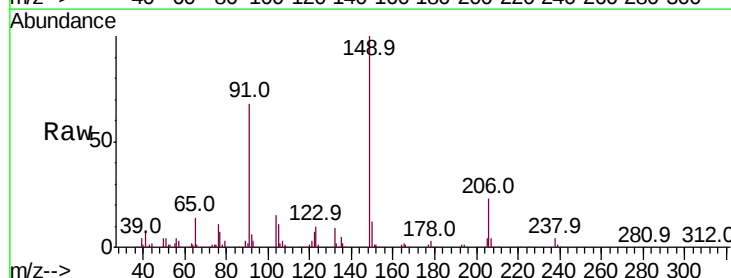
RT: 20.73 min Scan# 3002

Delta R.T. -0.00 min

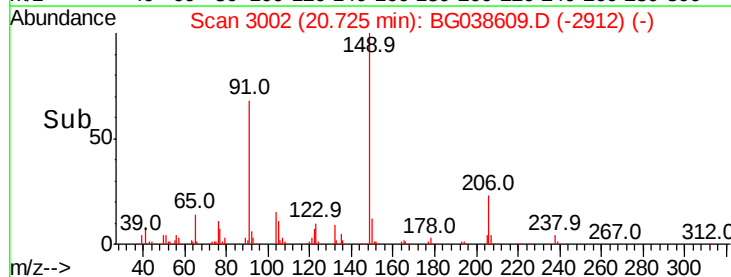
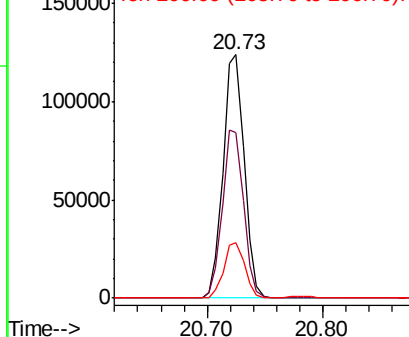
Lab File: BG038609.D

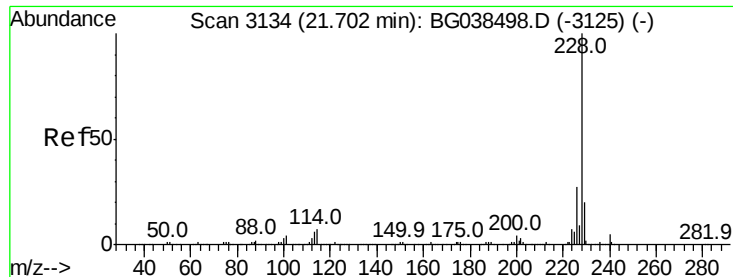
Acq: 15 Dec 2018 18:08

Tgt Ion:	149	Resp:	157473
Ion Ratio	Lower	Upper	
149	100		
91	68.2	54.5	81.7
206	22.6	19.0	28.6



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





#81

Benzo(a)anthracene

Concen: 40.740 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.00 min

Lab File: BG038609.D

Acq: 15 Dec 2018 18:08

Instrument :

BNA_G

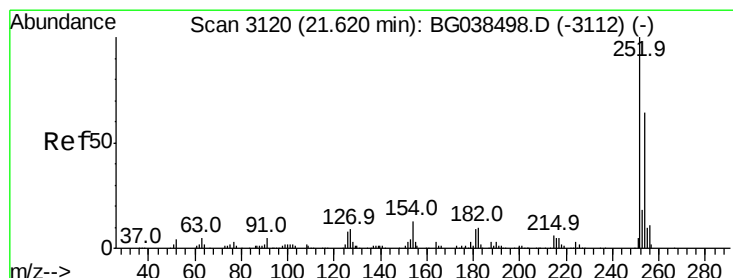
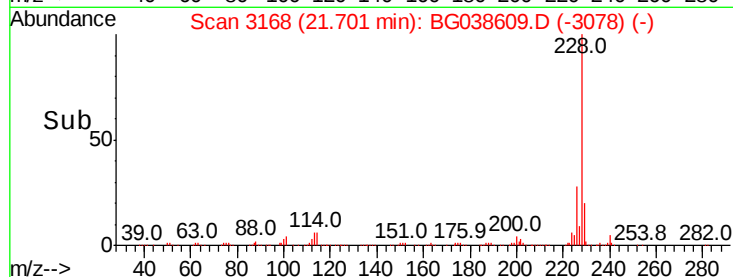
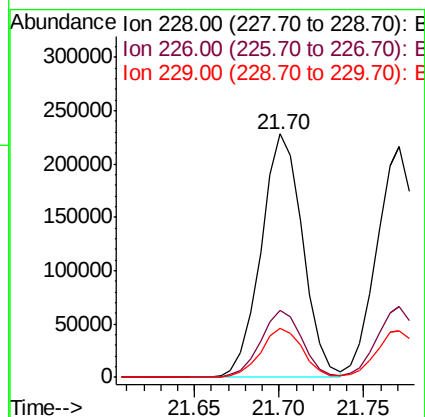
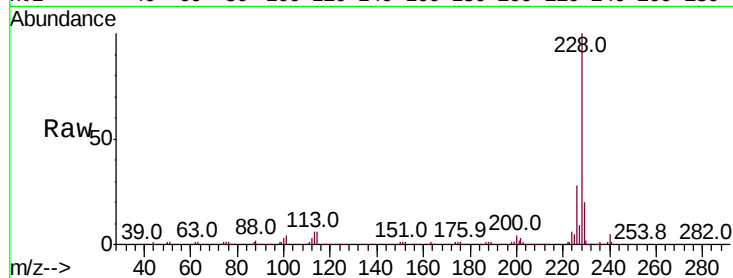
ClientSampleId :

PB115540BS

Tot Ion:	228	Resp:	390670
Ion Ratio	Lower	Upper	
228	100		
226	27.7	21.8	32.8
229	20.1	15.8	23.6

Manual Integrations
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Sohil
12/16/2018 2:01:15 PM



#82

3,3'-Dichlorobenzidine

Concen: 19.737 ng

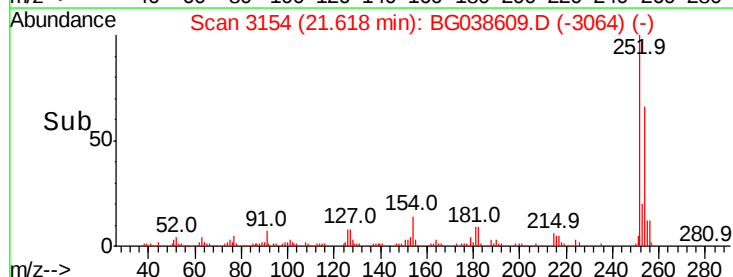
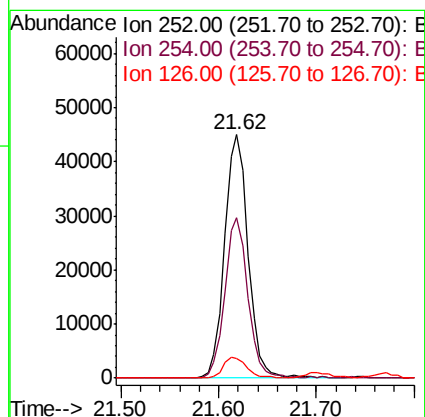
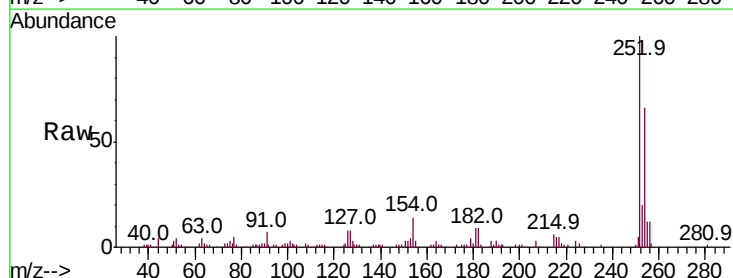
RT: 21.62 min Scan# 3154

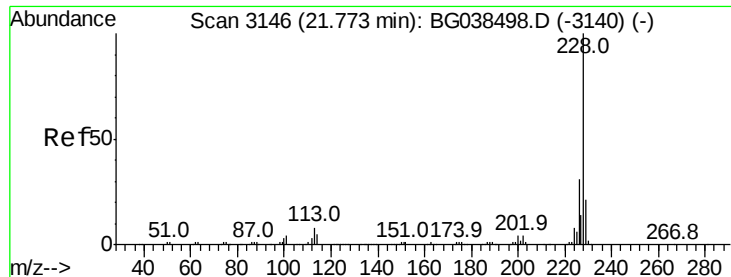
Delta R.T. -0.00 min

Lab File: BG038609.D

Acq: 15 Dec 2018 18:08

Tgt Ion:	252	Resp:	75064
Ion Ratio	Lower	Upper	
252	100		
254	65.7	50.9	76.3
126	7.9	6.3	9.5





#83

Chrysene

Concen: 39.139 ng

RT: 21.77 min Scan# 3180

Delta R.T. -0.00 min

Lab File: BG038609.D

Acq: 15 Dec 2018 18:08

Instrument :

BNA_G

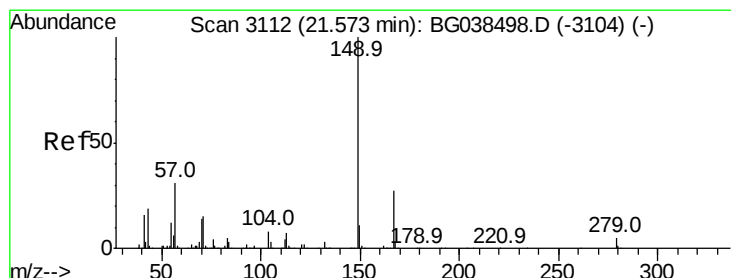
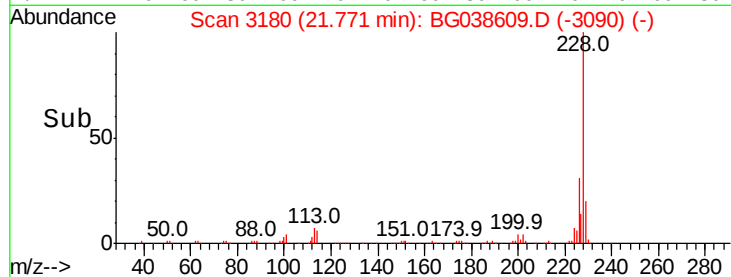
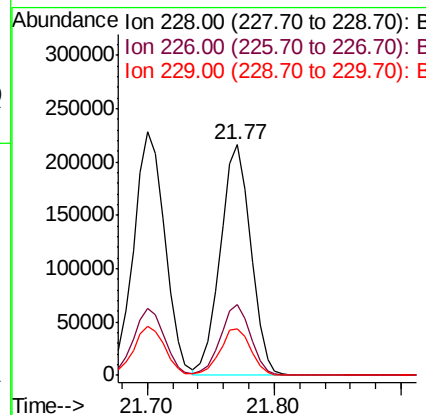
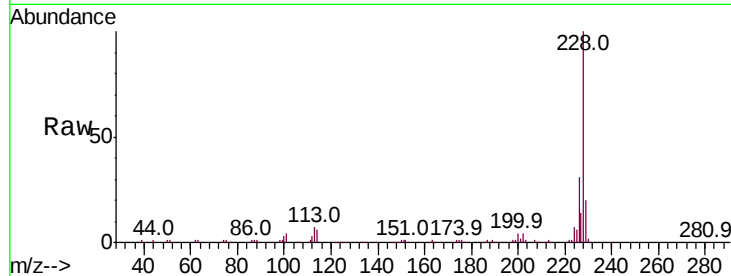
ClientSampleId :

PB115540BS

Tot Ion:	228	Resp:	361502
Ion Ratio	Lower	Upper	
228	100		
226	30.7	25.0	37.4
229	20.2	16.5	24.7

Manual Integrations
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Sohil
12/16/2018 2:01:15 PM



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.611 ng

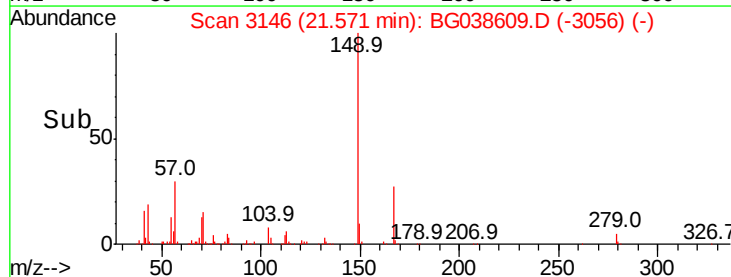
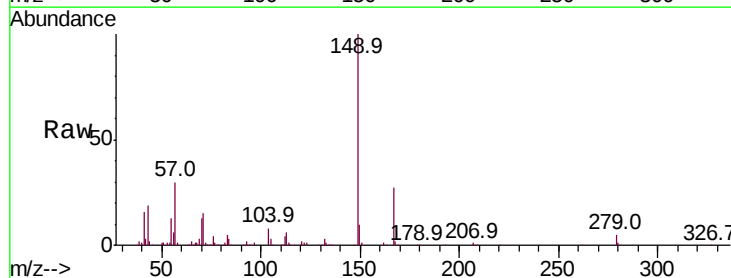
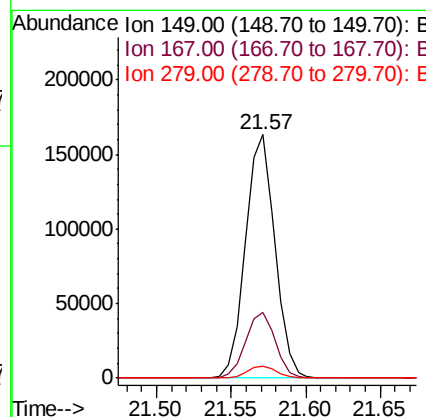
RT: 21.57 min Scan# 3146

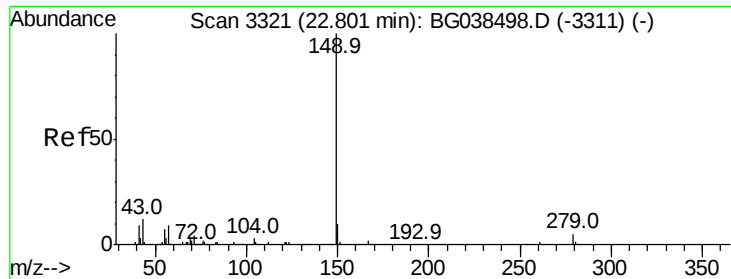
Delta R.T. -0.00 min

Lab File: BG038609.D

Acq: 15 Dec 2018 18:08

Tgt Ion:	149	Resp:	222426
Ion Ratio	Lower	Upper	
149	100		
167	27.1	21.9	32.9
279	5.1	4.2	6.2





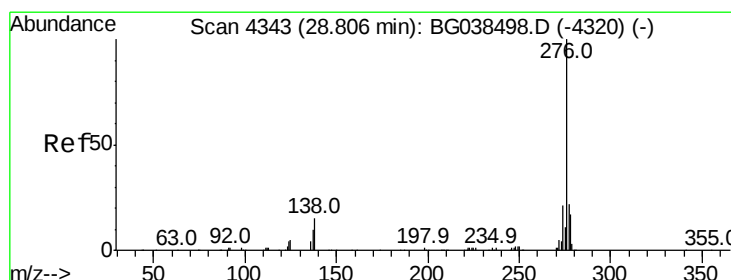
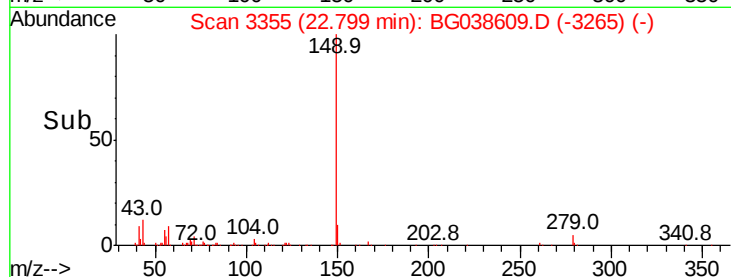
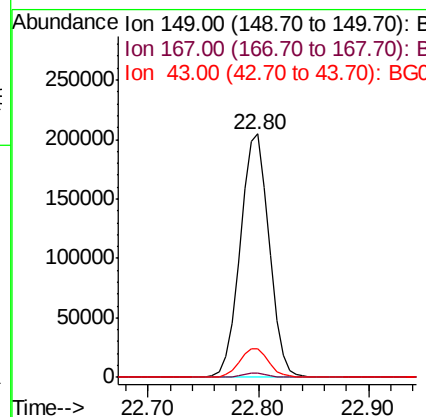
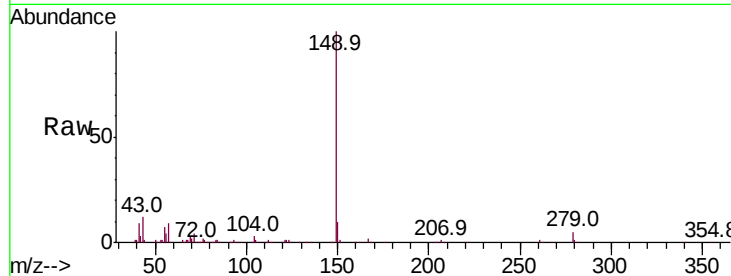
#85
Di-n-octyl phthalate
Concen: 38.983 ng
RT: 22.80 min Scan# 3355
Delta R.T. -0.00 min
Lab File: BG038609.D
Acq: 15 Dec 2018 18:08

Instrument :
BNA_G
ClientSampleID :
PB115540BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.6	1.2	1.8	
43	11.8	9.3	13.9	

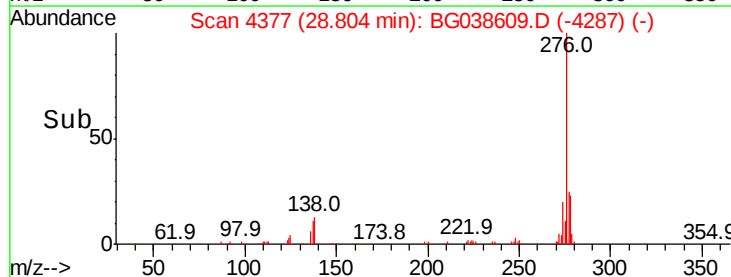
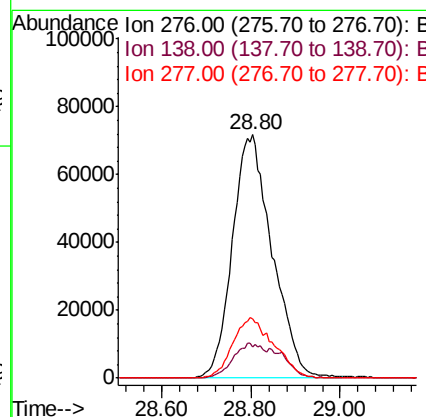
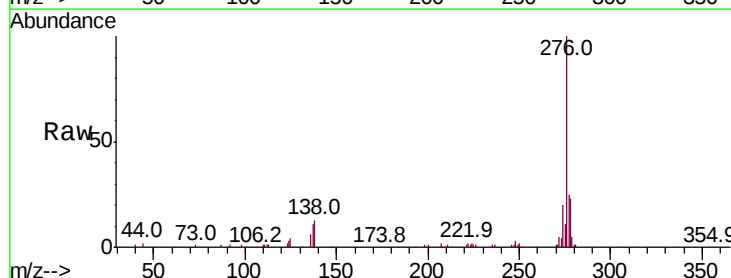
Manual Integrations
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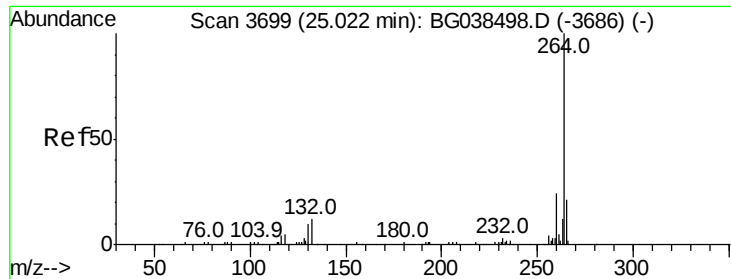
Sohil
12/16/2018 2:01:15 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 41.035 ng
RT: 28.80 min Scan# 4377
Delta R.T. -0.00 min
Lab File: BG038609.D
Acq: 15 Dec 2018 18:08

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	10.8	14.4	21.6#	
277	25.7	0.0	0.0#	





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.02 min Scan# 3733

Delta R.T. -0.00 min

Lab File: BG038609.D

Acq: 15 Dec 2018 18:08

Instrument :

BNA_G

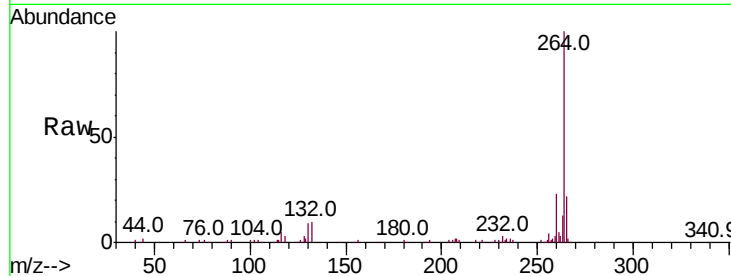
ClientSampleId :

PB115540BS

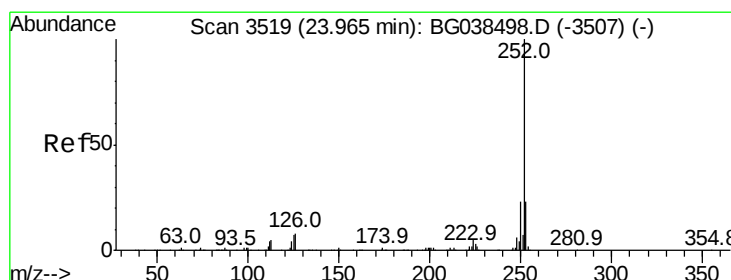
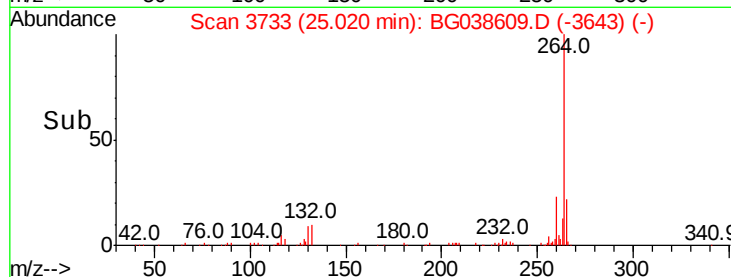
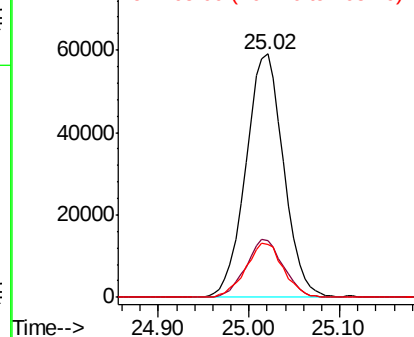
Tot Ion:	264	Resp:	170623
Ion Ratio	Lower	Upper	
264	100		
260	23.3	18.9	28.3
265	21.7	17.0	25.4

Manual Integrations
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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: 41.813 ng

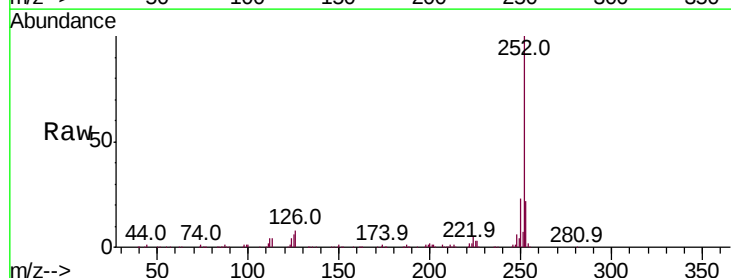
RT: 23.96 min Scan# 3553

Delta R.T. -0.00 min

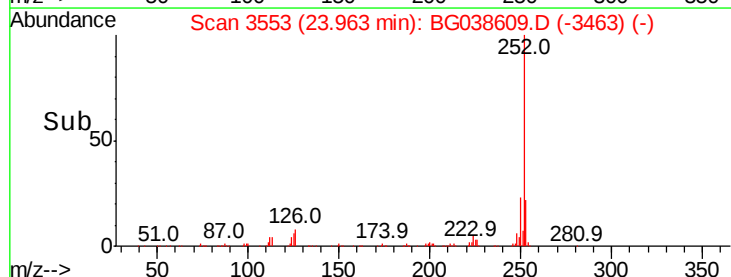
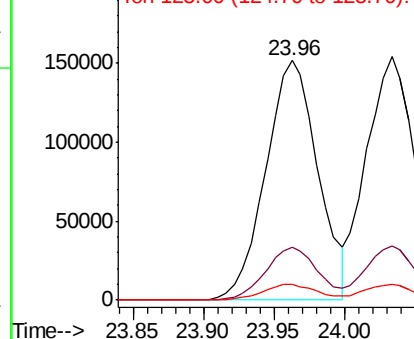
Lab File: BG038609.D

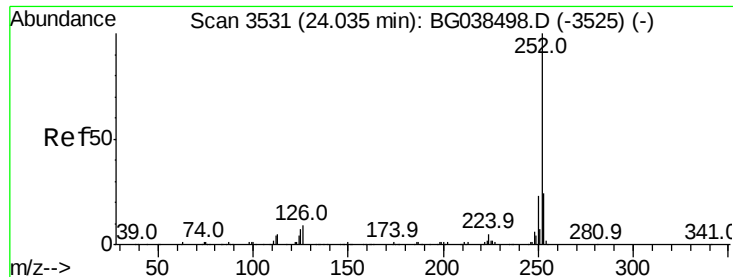
Acq: 15 Dec 2018 18:08

Tgt Ion:	252	Resp:	391704
Ion Ratio	Lower	Upper	
252	100		
253	22.2	18.1	27.1
125	6.3	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





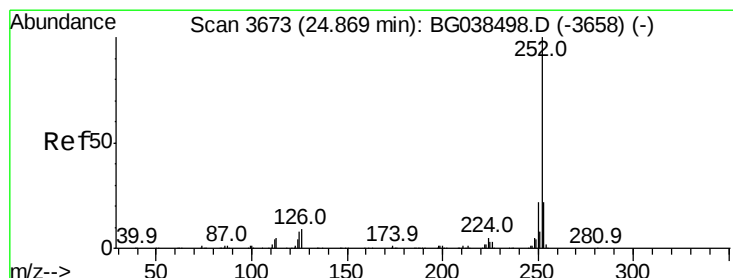
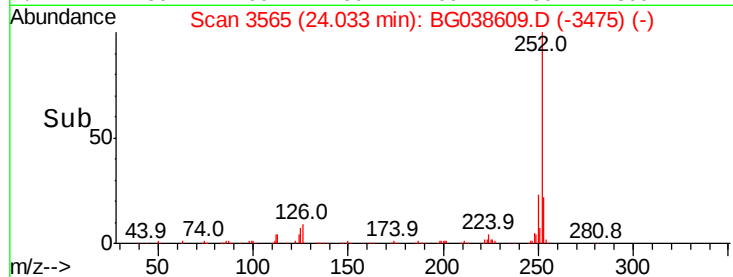
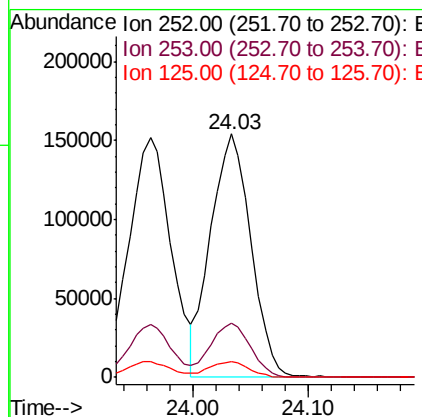
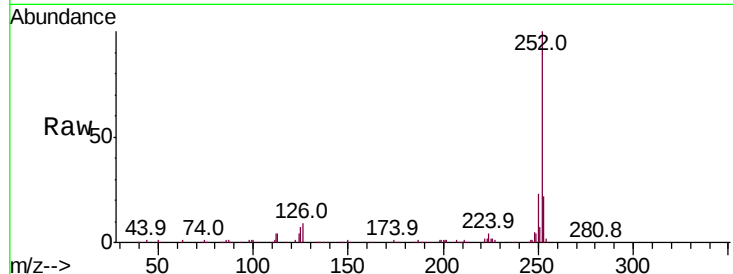
#89
Benzo(k)fluoranthene
Concen: 39.976 ng
RT: 24.03 min Scan# 3565
Delta R.T. -0.00 min
Lab File: BG038609.D
Acq: 15 Dec 2018 18:08

Instrument :
BNA_G
ClientSampleId :
PB115540BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.9	28.3
125	6.5	5.4	8.2

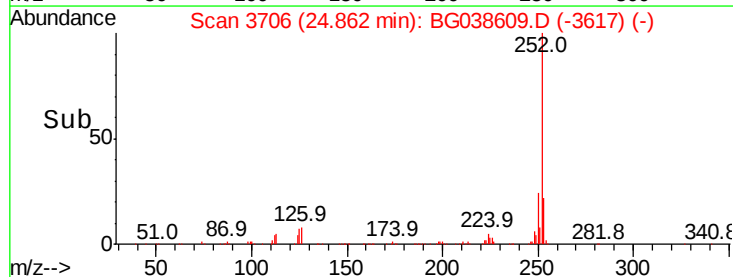
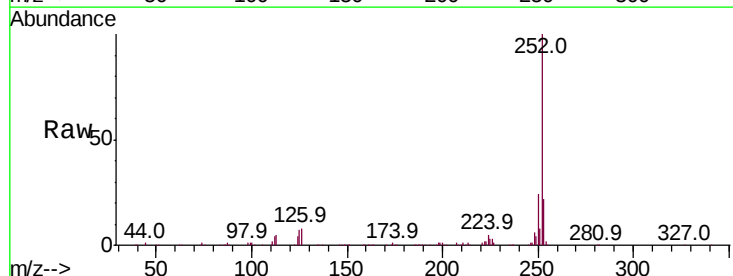
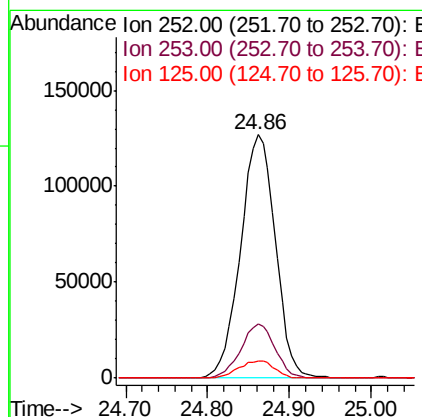
Manual Integrations
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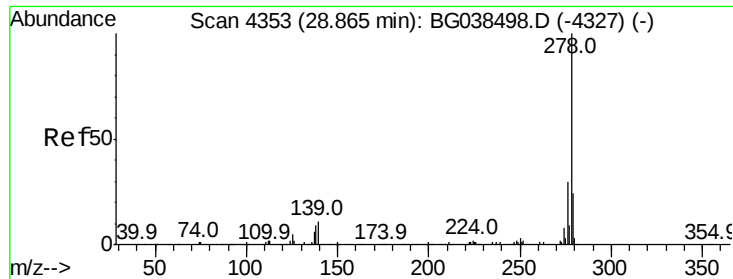
Sohil
12/16/2018 2:01:15 PM



#90
Benzo(a)pyrene
Concen: 41.573 ng
RT: 24.86 min Scan# 3706
Delta R.T. -0.01 min
Lab File: BG038609.D
Acq: 15 Dec 2018 18:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.0
125	6.9	6.4	9.6





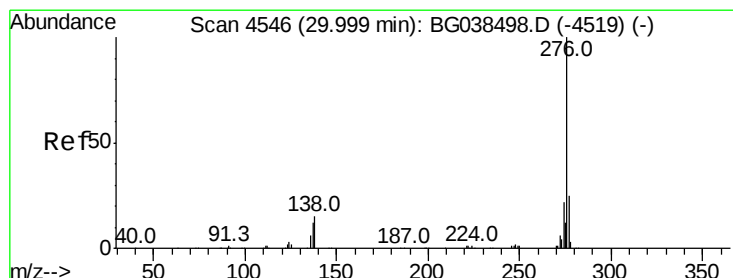
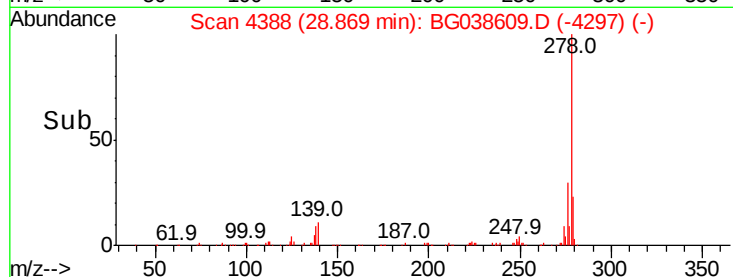
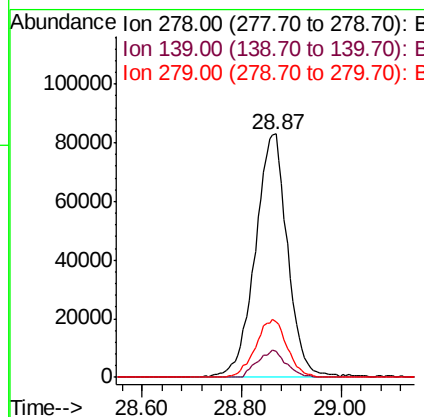
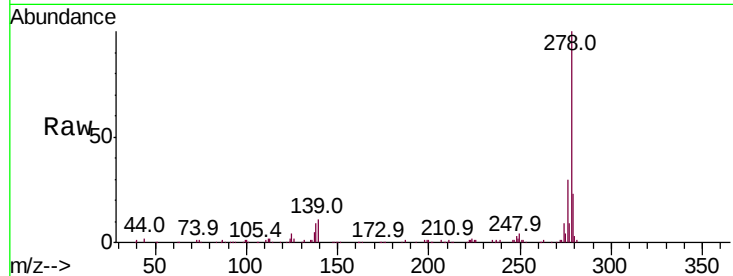
#91
Dibenzo(a,h)anthracene
Concen: 41.482 ng
RT: 28.87 min Scan# 4388
Delta R.T. 0.00 min
Lab File: BG038609.D
Acq: 15 Dec 2018 18:08

Instrument :
BNA_G
ClientSampleId :
PB115540BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	10.6	8.6	12.8
279	23.0	19.0	28.6

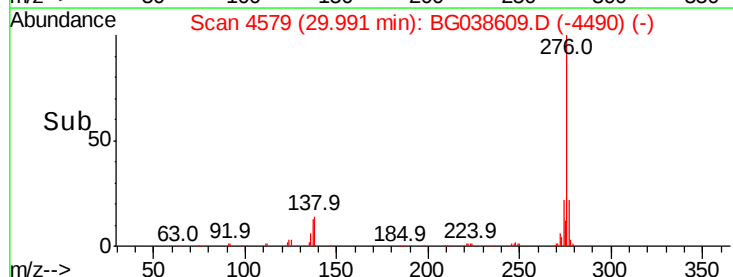
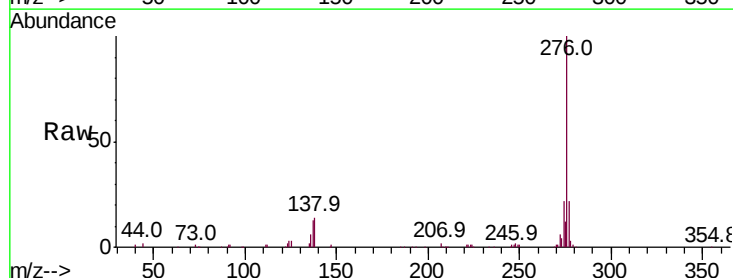
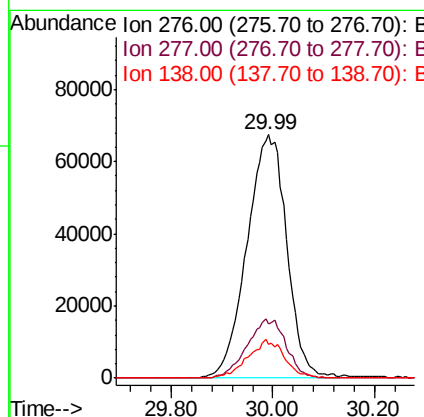
Manual Integrations
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12/16/2018 2:01:15 PM



#92
Benzo(g,h,i)perylene
Concen: 41.397 ng
RT: 29.99 min Scan# 4579
Delta R.T. -0.01 min
Lab File: BG038609.D
Acq: 15 Dec 2018 18:08

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.0	19.8	29.8
138	13.9	11.8	17.6



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121518\
 Data File : BG038609.D
 Acq On : 15 Dec 2018 18:08
 Operator : JU/SJ
 Sample : PB115540BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115540BS

Manual Integrations
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 12/16/2018 2:01:15 PM

Quant Time: Dec 16 04:02:54 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	22452	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	91332	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	58692	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	147735	20.00	ng	0.00
76) Chrysene-d12	21.72	240	157371	20.00	ng	0.00
87) Perylene-d12	25.02	264	170623	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	108119	85.41	ng	0.00
7) Phenol-d6	7.21	99	147236	84.73	ng	0.00
23) Nitrobenzene-d5	9.24	82	132130	73.91	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	64316	79.51	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	321844	75.23	ng	0.00
79) Terphenyl-d14	20.04	244	589063	81.46	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	17450	29.619	ng	# 87
3) Pyridine	3.89	79	47767	29.448	ng	88
4) n-Nitrosodimethylamine	3.82	42	33304	41.904	ng	# 90
6) Aniline	7.38	93	39882	17.978	ng	97
8) 2-Chlorophenol	7.62	128	58133	39.684	ng	98
9) Benzaldehyde	7.20	77	22800	20.225	ng	99
10) Phenol	7.24	94	75317	40.795	ng	97
11) bis(2-Chloroethyl)ether	7.48	93	50183	34.141	ng	96
12) 1,3-Dichlorobenzene	7.95	146	60900	35.160	ng	94
13) 1,4-Dichlorobenzene	8.09	146	60797	34.273	ng	98
14) 1,2-Dichlorobenzene	8.41	146	58539	35.004	ng	97
15) Benzyl Alcohol	8.30	79	52206	38.488	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	117646	34.939	ng	98
17) 2-Methylphenol	8.50	107	50934	41.177	ng	97
18) Hexachloroethane	9.14	117	22108	34.106	ng	95
19) n-Nitroso-di-n-propylamine	8.86	70	42143	34.529	ng	# 96
20) 3+4-Methylphenols	8.83	107	67464	39.492	ng	95
22) Acetophenone	8.89	105	84367	36.982	ng	# 98
24) Nitrobenzene	9.28	77	67685	37.425	ng	97
25) Isophorone	9.79	82	117734	36.653	ng	# 97
26) 2-Nitrophenol	9.99	139	32729	35.358	ng	91
27) 2,4-Dimethylphenol	10.03	122	57515	43.355	ng	98
28) bis(2-Chloroethoxy)methane	10.27	93	68561	37.823	ng	97
29) 2,4-Dichlorophenol	10.52	162	59449	40.281	ng	97
30) 1,2,4-Trichlorobenzene	10.73	180	62453	35.033	ng	97
31) Naphthalene	10.93	128	172489	38.331	ng	99
32) Benzoic acid	10.18	122	21606m	30.375	ng	
33) 4-Chloroaniline	11.05	127	18587	9.514	ng	# 94
34) Hexachlorobutadiene	11.19	225	42200	34.985	ng	96
35) Caprolactam	11.82	113	19748	32.333	ng	100
36) 4-Chloro-3-methylphenol	12.15	107	62655	37.202	ng	98
37) 2-Methylnaphthalene	12.53	142	127578	39.739	ng	98
38) 1-Methylnaphthalene	12.75	142	122499	39.322	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	76659	34.942	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121518\
 Data File : BG038609.D
 Acq On : 15 Dec 2018 18:08
 Operator : JU/SJ
 Sample : PB115540BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 PB115540BS

Manual Integrations
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Sohil
 12/16/2018 2:01:15 PM

Quant Time: Dec 16 04:02:54 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	102788	85.279	nq	95
43) 2,4,6-Trichlorophenol	13.13	196	50519	37.451	nq	95
44) 2,4,5-Trichlorophenol	13.20	196	55889	39.132	nq	96
46) 1,1'-Biphenyl	13.53	154	169569	34.463	nq	99
47) 2-Chloronaphthalene	13.57	162	134881	35.489	nq	96
48) 2-Nitroaniline	13.79	65	45281	37.404	nq	97
49) Acenaphthylene	14.42	152	220073	38.733	nq	99
50) Dimethylphthalate	14.14	163	181292	37.824	nq	98
51) 2,6-Dinitrotoluene	14.27	165	40850	37.609	nq	99
52) Acenaphthene	14.76	154	125207	36.852	nq	96
53) 3-Nitroaniline	14.61	138	16518	14.918	nq	97
54) 2,4-Dinitrophenol	14.82	184	42826	67.155	nq	97
55) Dibenzofuran	15.09	168	211190	36.263	nq	96
56) 4-Nitrophenol	14.91	139	65379	77.835	nq	96
57) 2,4-Dinitrotoluene	15.06	165	58305	38.112	nq	96
58) Fluorene	15.74	166	170641	39.548	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.31	232	51860	40.359	nq	98
60) Diethylphthalate	15.50	149	189579	36.030	nq	99
61) 4-Chlorophenyl-phenylether	15.73	204	95435	35.449	nq	99
62) 4-Nitroaniline	15.78	138	42672	37.435	nq	98
63) Azobenzene	16.02	77	164796	37.492	nq	99
65) 4,6-Dinitro-2-methylphenol	15.82	198	35810	33.980	nq	96
66) n-Nitrosodiphenylamine	15.95	169	159214	36.679	nq	97
67) 4-Bromophenyl-phenylether	16.62	248	61883	34.298	nq	96
68) Hexachlorobenzene	16.74	284	66285	35.440	nq	97
69) Atrazine	16.89	200	66715	41.414	nq	96
70) Pentachlorophenol	17.09	266	71080	64.252	nq	98
71) Phenanthrene	17.49	178	304918	39.801	nq	98
72) Anthracene	17.58	178	310733	41.086	nq	99
73) Carbazole	17.85	167	283469	37.898	nq	98
74) Di-n-butylphthalate	18.38	149	345448	40.250	nq	100
75) Fluoranthene	19.49	202	397943	41.982	nq	98
77) Benzidine	19.68	184	87522	18.805	nq	98
78) Pyrene	19.86	202	400421	38.515	nq	100
80) Butylbenzylphthalate	20.73	149	157473	38.770	nq	99
81) Benzo(a)anthracene	21.70	228	390670	40.740	nq	99
82) 3,3'-Dichlorobenzidine	21.62	252	75064	19.737	nq	98
83) Chrysene	21.77	228	361502	39.139	nq	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	222426	38.611	nq	99
85) Di-n-octyl phthalate	22.80	149	376096	38.983	nq	99
86) Indeno(1,2,3-cd)pyrene	28.80	276	445599	41.035	nq	# 84
88) Benzo(b)fluoranthene	23.96	252	391704	41.813	nq	99
89) Benzo(k)fluoranthene	24.03	252	372917	39.976	nq	98
90) Benzo(a)pyrene	24.86	252	375721	41.573	nq	98
91) Dibenzo(a,h)anthracene	28.87	278	373273	41.482	nq	99
92) Benzo(g,h,i)perylene	29.99	276	367114	41.397	nq	96

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