

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120418\
 Data File : BG038346.D
 Acq On : 5 Dec 2018 5:08
 Operator : JU/SJ
 Sample : PB115253BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115253BS

Manual Integrations
 APPROVED

mohammad
 12/6/2018 9:32:44 AM

Quant Time: Dec 05 07:25:12 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	29461	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	194500	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	84065	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	207707	20.00	ng	0.00
76) Chrysene-d12	21.74	240	199763	20.00	ng	0.00
87) Perylene-d12	25.05	264	214325	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	182129	109.40	ng	0.00
7) Phenol-d6	7.22	99	254572	105.80	ng	0.00
23) Nitrobenzene-d5	9.25	82	159834	40.80	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	107442	104.11	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	370611	62.82	ng	0.00
79) Terphenyl-d14	20.06	244	643855	69.05	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	19667	25.776	ng	# 85
3) Pyridine	3.90	79	87599	38.375	ng	98
4) n-Nitrosodimethylamine	3.83	42	43969	43.974	ng	97
6) Aniline	7.40	93	43662	14.207	ng	96
8) 2-Chlorophenol	7.63	128	74808	38.691	ng	98
9) Benzaldehyde	7.21	77	37526	24.629	ng	96
10) Phenol	7.25	94	96696	38.035	ng	90
11) bis(2-Chloroethyl)ether	7.49	93	67516	32.427	ng	98
12) 1,3-Dichlorobenzene	7.96	146	72191	31.946	ng	95
13) 1,4-Dichlorobenzene	8.11	146	76392	32.673	ng	98
14) 1,2-Dichlorobenzene	8.43	146	72116	31.844	ng	98
15) Benzyl Alcohol	8.31	79	73420	37.114	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.59	45	153098	32.327	ng	96
17) 2-Methylphenol	8.50	107	67022	37.248	ng	96
18) Hexachloroethane	9.15	117	28691	33.999	ng	99
19) n-Nitroso-di-n-propylamine	8.87	70	58030	32.608	ng	95
20) 3+4-Methylphenols	8.83	107	91092	35.566	ng	97
22) Acetophenone	8.90	105	108724	21.987	ng	# 92
24) Nitrobenzene	9.29	77	87887	22.081	ng	96
25) Isophorone	9.80	82	165982	24.109	ng	# 98
26) 2-Nitrophenol	10.00	139	42042	22.797	ng	90
27) 2,4-Dimethylphenol	10.04	122	76620	28.925	ng	97
28) bis(2-Chloroethoxy)methane	10.29	93	96452	24.438	ng	99
29) 2,4-Dichlorophenol	10.53	162	80040	26.471	ng	98
30) 1,2,4-Trichlorobenzene	10.75	180	119795	33.749	ng	99
31) Naphthalene	10.94	128	339494	36.541	ng	99
32) Benzoic acid	10.18	122	36905	22.437	ng	99
33) 4-Chloroaniline	11.06	127	25850	6.285	ng	96
34) Hexachlorobutadiene	11.20	225	62056	27.945	ng	95
35) Caprolactam	11.84	113	40661m	32.518	ng	
36) 4-Chloro-3-methylphenol	12.16	107	89444	26.623	ng	96
37) 2-Methylnaphthalene	12.54	142	174522	26.377	ng	97
38) 1-Methylnaphthalene	12.76	142	165344	26.092	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	93346	32.270	ng	98

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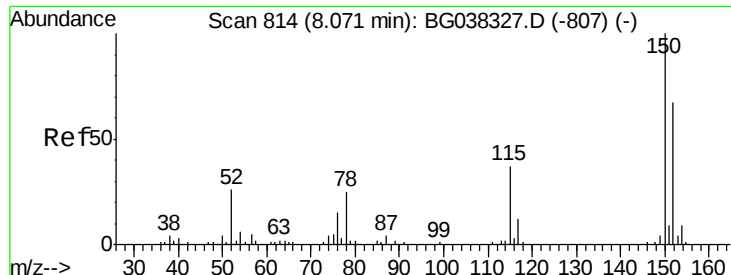
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	131043	82.436	nq	100
43) 2,4,6-Trichlorophenol	13.14	196	68621	36.621	nq	98
44) 2,4,5-Trichlorophenol	13.22	196	77014	38.796	nq	94
46) 1,1'-Biphenyl	13.54	154	230670	32.462	nq	98
47) 2-Chloronaphthalene	13.59	162	180527	33.667	nq	98
48) 2-Nitroaniline	13.80	65	64421	35.811	nq	97
49) Acenaphthylene	14.43	152	304867	37.751	nq	98
50) Dimethylphthalate	14.16	163	250366	37.131	nq	98
51) 2,6-Dinitrotoluene	14.29	165	56004	36.360	nq	97
52) Acenaphthene	14.77	154	173858	35.314	nq	99
53) 3-Nitroaniline	14.62	138	16173	9.750	nq #	89
54) 2,4-Dinitrophenol	14.83	184	63800	75.564	nq #	80
55) Dibenzofuran	15.11	168	286360	35.183	nq	97
56) 4-Nitrophenol	14.92	139	97431	74.353	nq #	82
57) 2,4-Dinitrotoluene	15.07	165	80092	37.702	nq	97
58) Fluorene	15.76	166	232893	38.839	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.33	232	69819	40.496	nq	97
60) Diethylphthalate	15.51	149	262915	35.195	nq	97
61) 4-Chlorophenyl-phenylether	15.74	204	124467	34.557	nq	99
62) 4-Nitroaniline	15.79	138	58079	35.597	nq	91
63) Azobenzene	16.03	77	234910	35.932	nq	95
65) 4,6-Dinitro-2-methylphenol	15.83	198	48013	35.280	nq	94
66) n-Nitrosodiphenylamine	15.96	169	215742	36.937	nq	98
67) 4-Bromophenyl-phenylether	16.64	248	81341	36.264	nq	95
68) Hexachlorobenzene	16.75	284	84179	36.385	nq	97
69) Atrazine	16.90	200	84233	38.649	nq	98
70) Pentachlorophenol	17.10	266	100651	63.516	nq	96
71) Phenanthrene	17.50	178	403918	38.831	nq	98
72) Anthracene	17.59	178	418505	41.546	nq	99
73) Carbazole	17.86	167	380373	38.046	nq	99
74) Di-n-butylphthalate	18.39	149	456416	39.078	nq	98
75) Fluoranthene	19.50	202	491084	40.409	nq	98
77) Benzidine	19.69	184	87770	13.020	nq	100
78) Pyrene	19.87	202	500599	35.816	nq	97
80) Butylbenzylphthalate	20.74	149	205263	36.513	nq	99
81) Benzo(a)anthracene	21.72	228	470253	38.302	nq	99
82) 3,3'-Dichlorobenzidine	21.63	252	61423	12.860	nq	96
83) Chrysene	21.79	228	434230	37.374	nq	97
84) Bis(2-ethylhexyl)phthalate	21.58	149	283690	35.604	nq	99
85) Di-n-octyl phthalate	22.82	149	490269	35.884	nq	98
86) Indeno(1,2,3-cd)pyrene	28.84	276	521609	39.503	nq	99
88) Benzo(b)fluoranthene	23.99	252	457912	37.812	nq	99
89) Benzo(k)fluoranthene	24.06	252	445444	36.932	nq	99
90) Benzo(a)pyrene	24.89	252	445518	37.927	nq	97
91) Dibenzo(a,h)anthracene	28.90	278	432723	38.841	nq	98
92) Benzo(g,h,i)perylene	30.04	276	434930	39.348	nq	95

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



#1

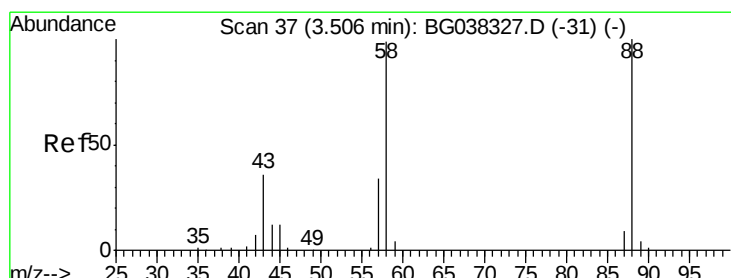
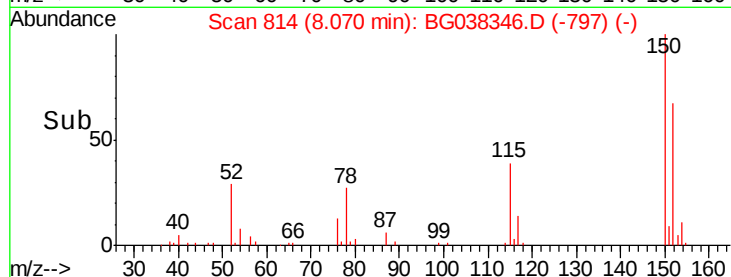
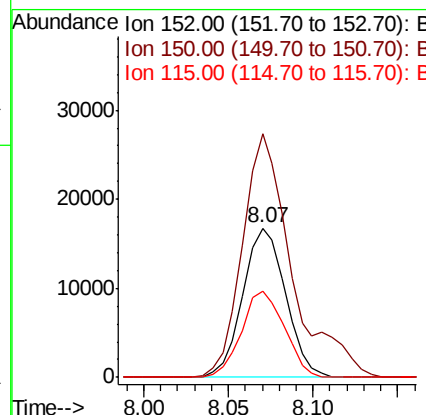
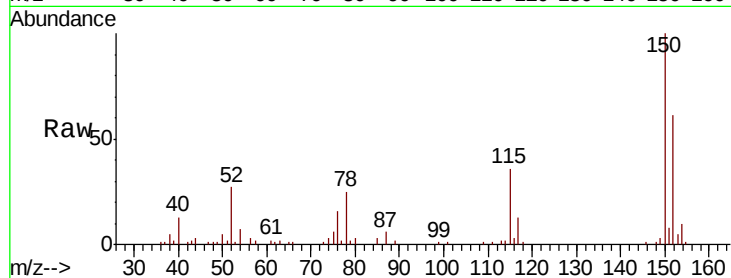
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG038346.D
Acq: 5 Dec 2018 5:08

Instrument :
BNA_G
ClientSampleId :
PB115253BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.8	126.0	189.0
115	58.0	45.5	68.3

Manual Integrations
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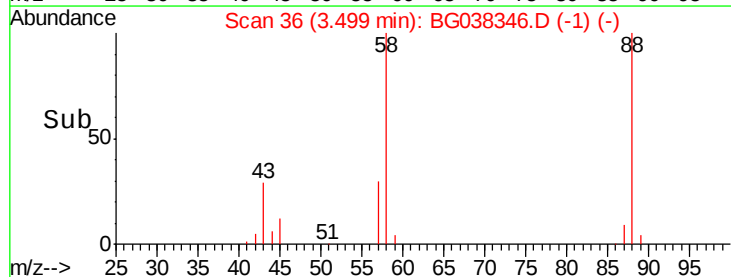
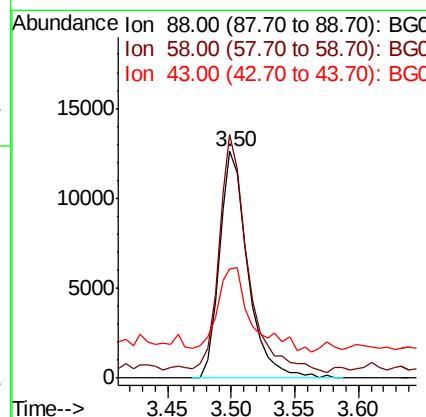
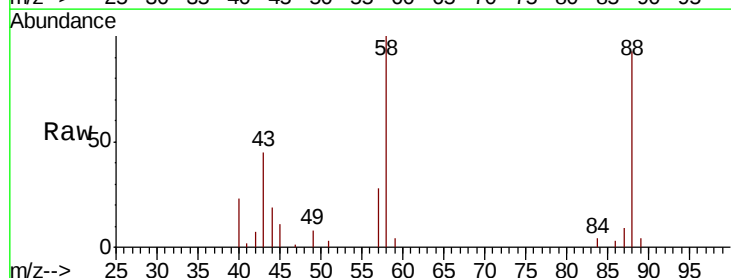
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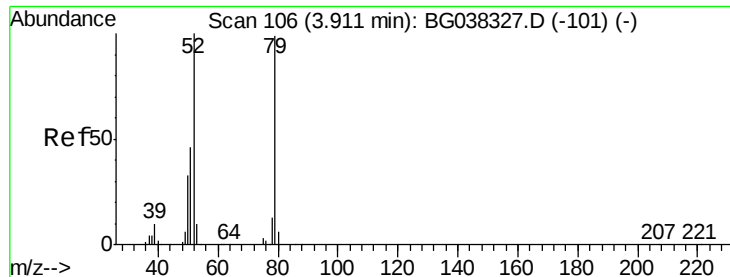


#2

1,4-Dioxane
Concen: 25.776 ng
RT: 3.50 min Scan# 36
Delta R.T. -0.01 min
Lab File: BG038346.D
Acq: 5 Dec 2018 5:08

Tgt Ion	Ratio	Lower	Upper
88	100		
58	105.6	74.4	111.6
43	43.9	25.8	38.8





#3

Pvridine

Concen: 38.375 ng

RT: 3.90 min Scan# 105

Delta R.T. -0.01 min

Lab File: BG038346.D

Acq: 5 Dec 2018 5:08

Instrument :

BNA_G

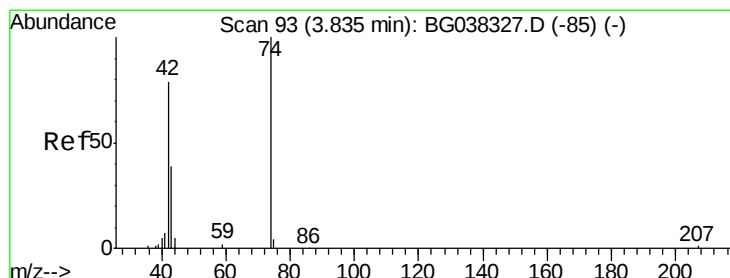
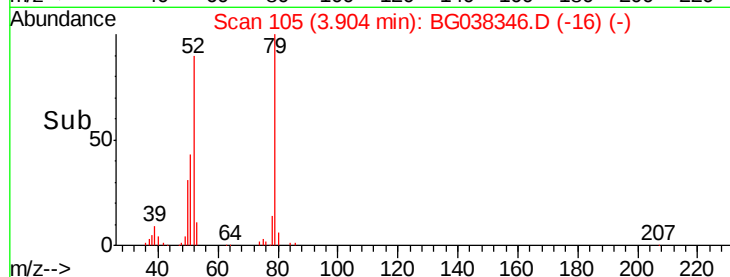
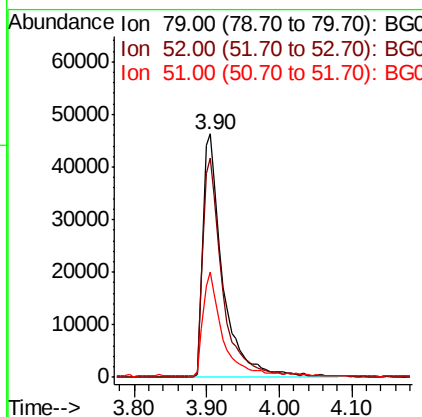
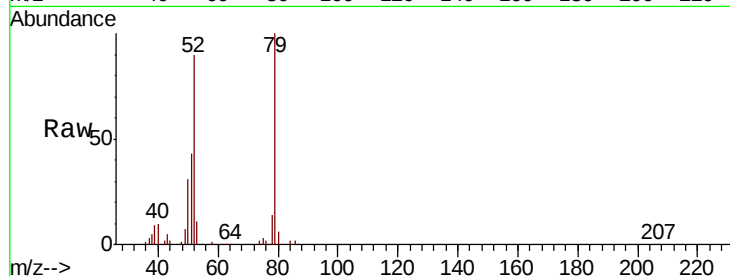
ClientSampleId :

PB115253BS

Tot Ion:	79	Resp:	87599
Ion	Ratio	Lower	Upper
79	100		
52	90.3	74.2	111.2
51	43.4	34.6	51.8

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#4

n-Nitrosodimethylamine

Concen: 43.974 ng

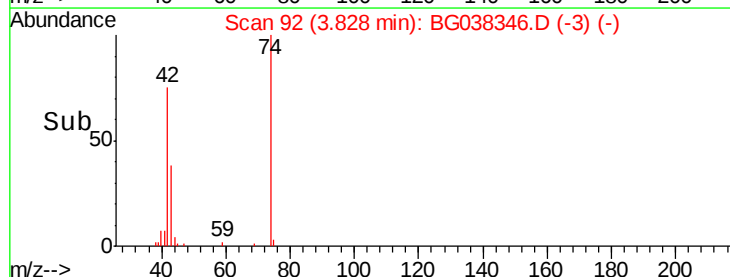
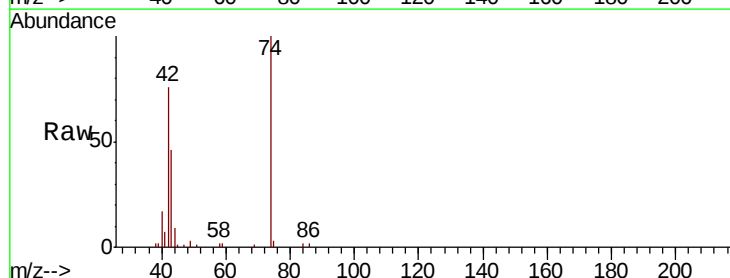
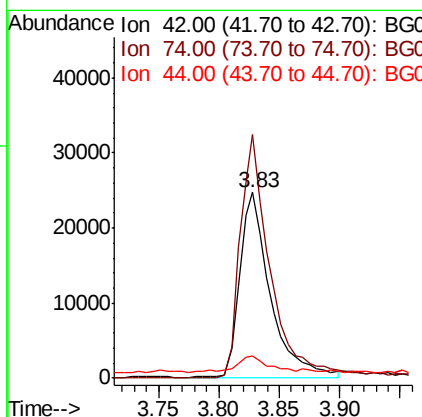
RT: 3.83 min Scan# 92

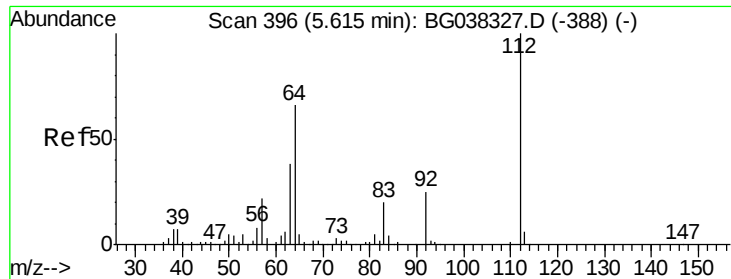
Delta R.T. -0.01 min

Lab File: BG038346.D

Acq: 5 Dec 2018 5:08

Tgt Ion:	42	Resp:	43969
Ion	Ratio	Lower	Upper
42	100		
74	131.2	102.0	153.0
44	12.2	9.6	14.4





#5

2-Fluorophenol

Concen: 109.400 ng

RT: 5.62 min Scan# 397

Delta R.T. 0.00 min

Lab File: BG038346.D

Acq: 5 Dec 2018 5:08

Instrument :

BNA_G

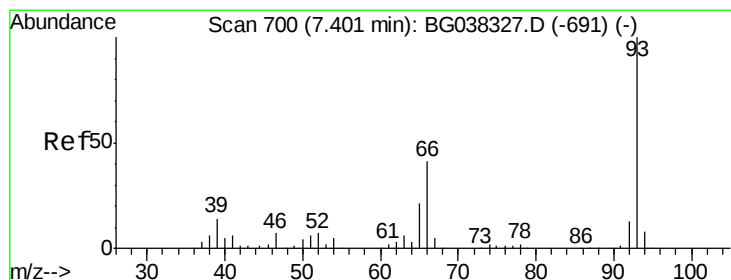
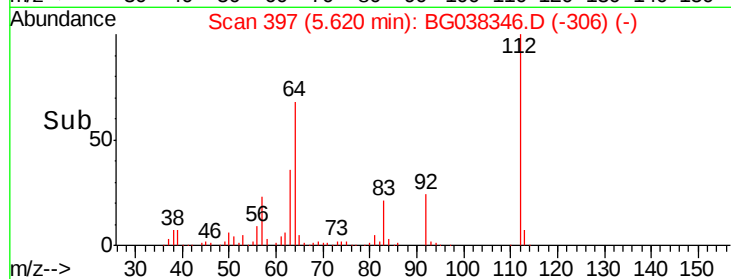
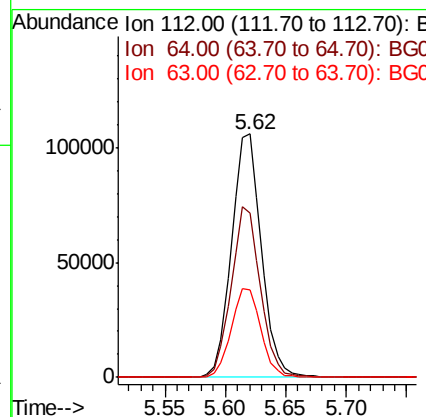
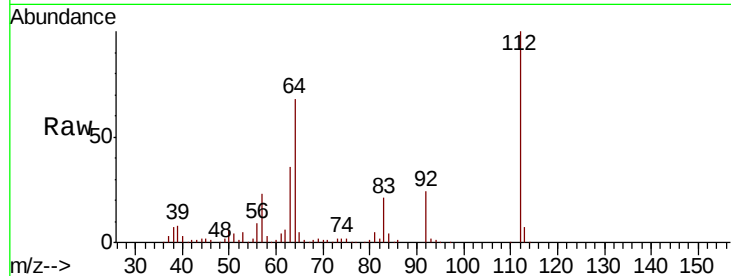
ClientSampleId :

PB115253BS

Tot Ion:	112	Resp:	182129
Ion Ratio	Lower	Upper	
112	100		
64	67.7	53.1	79.7
63	35.9	27.3	40.9

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#6

Aniline

Concen: 14.207 ng

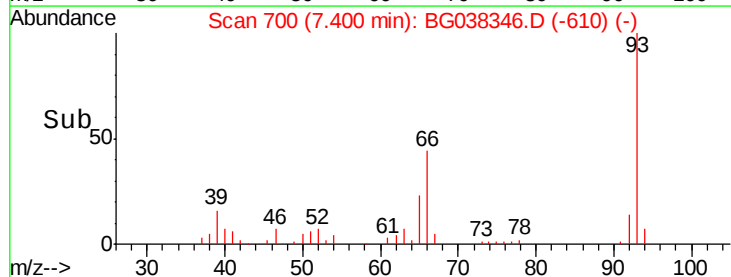
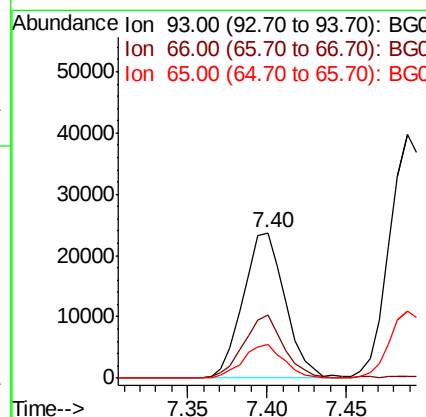
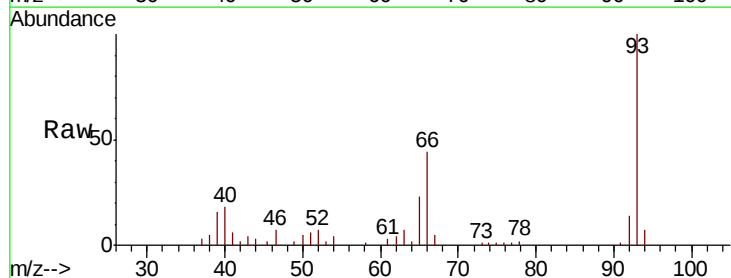
RT: 7.40 min Scan# 700

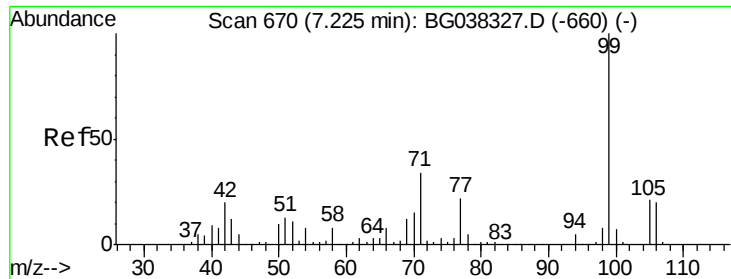
Delta R.T. -0.00 min

Lab File: BG038346.D

Acq: 5 Dec 2018 5:08

Tgt Ion:	93	Resp:	43662
Ion Ratio	Lower	Upper	
93	100		
66	43.5	32.8	49.2
65	22.8	16.4	24.6





#7

Phenol-d6

Concen: 105.799 ng

RT: 7.22 min Scan# 670

Delta R.T. -0.00 min

Lab File: BG038346.D

Acq: 5 Dec 2018 5:08

Instrument :

BNA_G

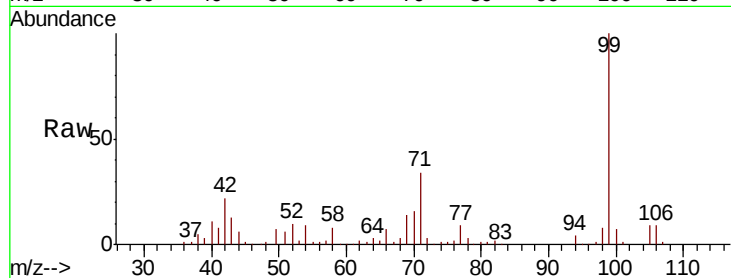
ClientSampleId :

PB115253BS

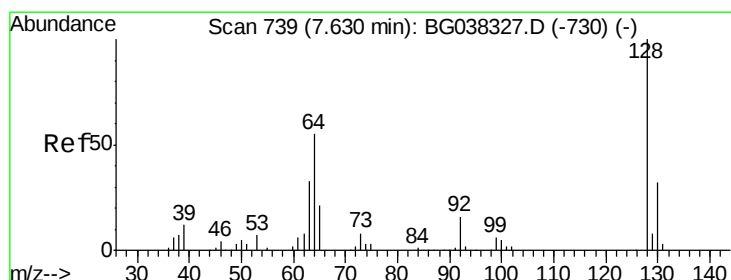
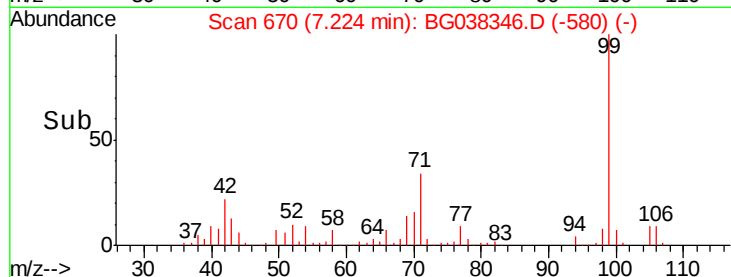
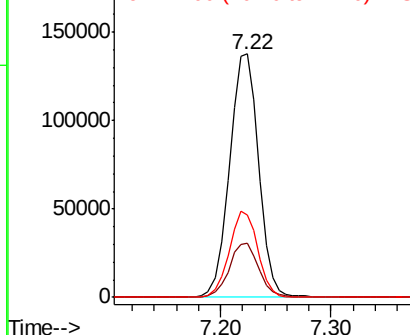
Tot Ion:	99	Resp:	254572
Ion Ratio	Lower	Upper	
99	100		
42	22.1	15.0	22.4
71	33.7	25.5	38.3

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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: 38.691 ng

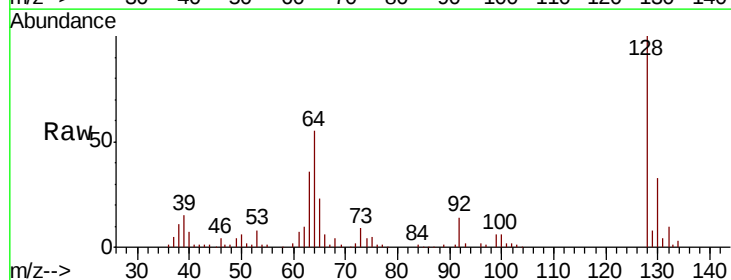
RT: 7.63 min Scan# 739

Delta R.T. -0.00 min

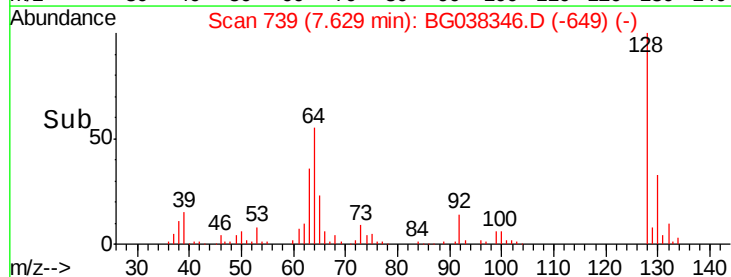
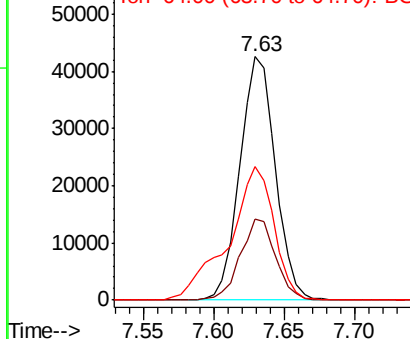
Lab File: BG038346.D

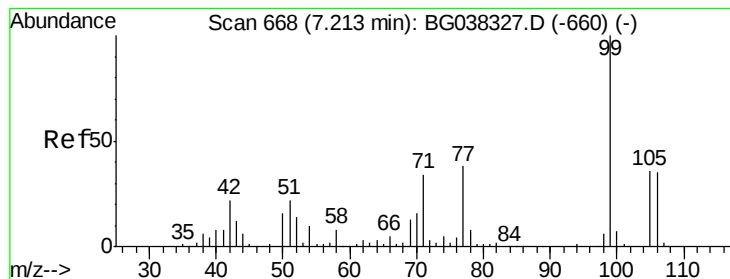
Acq: 5 Dec 2018 5:08

Tgt Ion:	128	Resp:	74808
Ion Ratio	Lower	Upper	
128	100		
130	33.2	12.0	52.0
64	54.7	32.9	72.9



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: 24.629 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.00 min

Lab File: BG038346.D

Acq: 5 Dec 2018 5:08

Instrument :

BNA_G

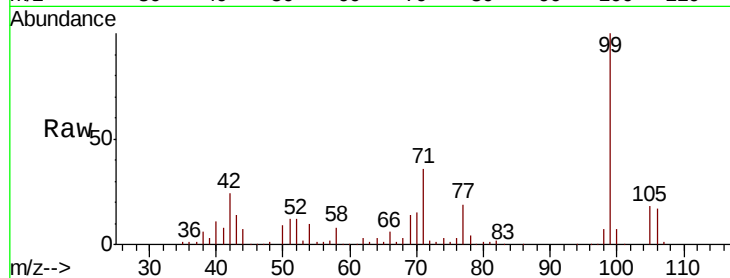
ClientSampled :

PB115253BS

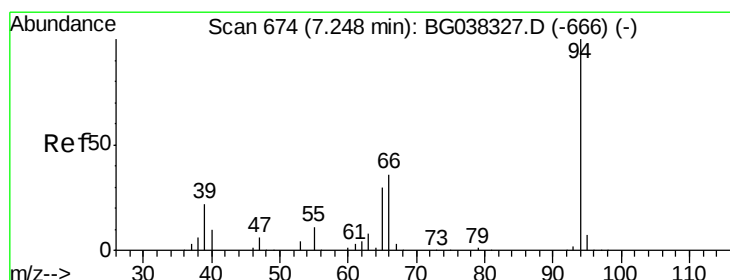
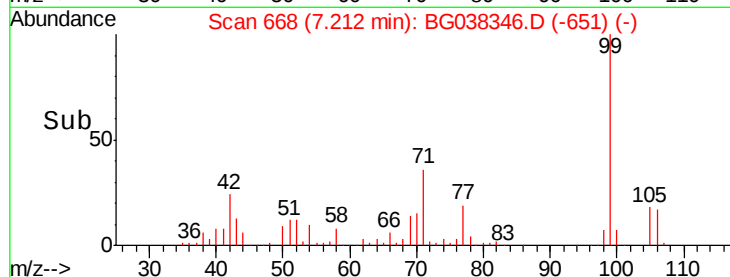
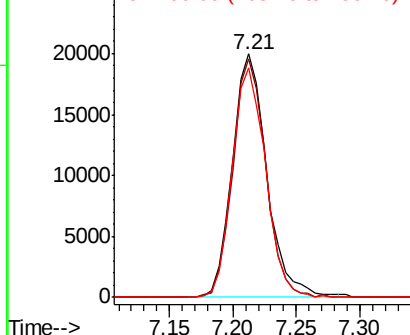
Tot Ion	Ratio	Lower	Upper
77	100		
105	98.2	72.6	112.6
106	94.1	71.3	111.3

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



#10

Phenol

Concen: 38.035 ng

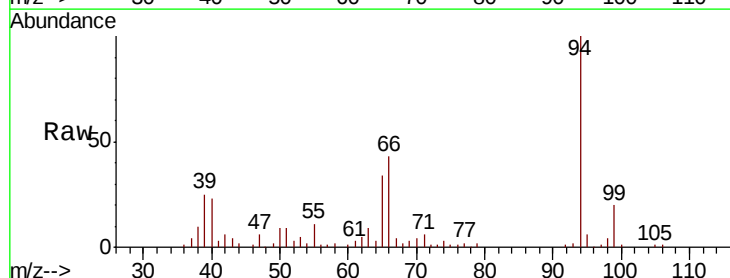
RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

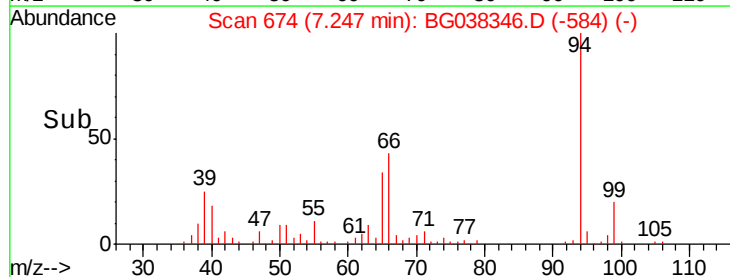
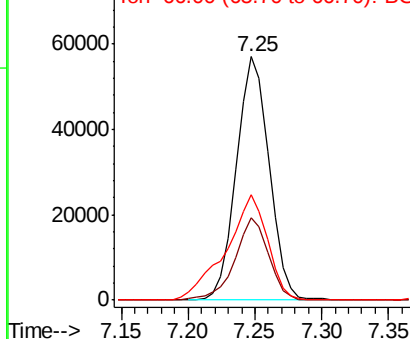
Lab File: BG038346.D

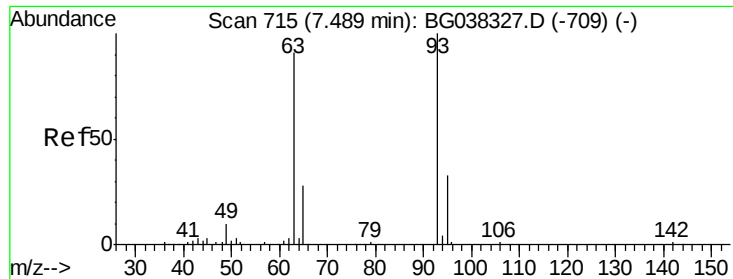
Acq: 5 Dec 2018 5:08

Tgt Ion	Ratio	Lower	Upper
94	100		
65	33.7	9.7	49.7
66	43.3	15.9	55.9



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

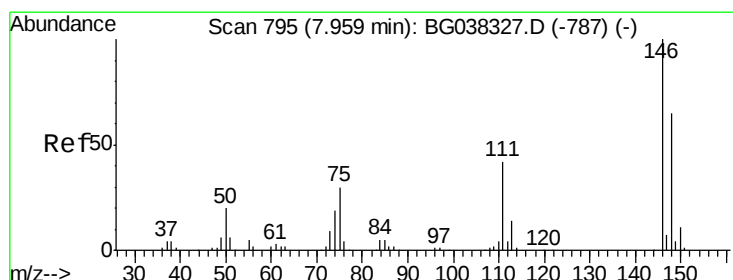
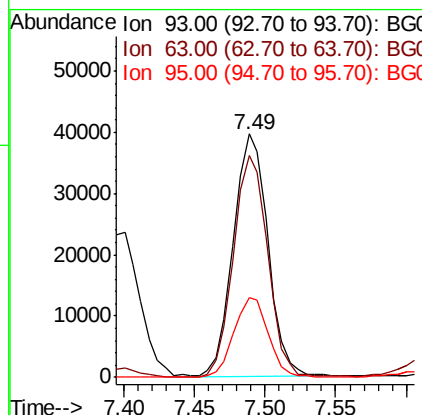
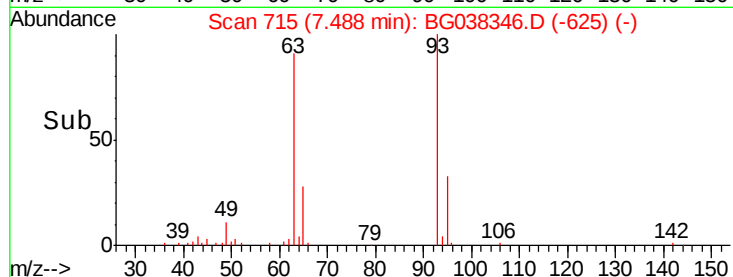
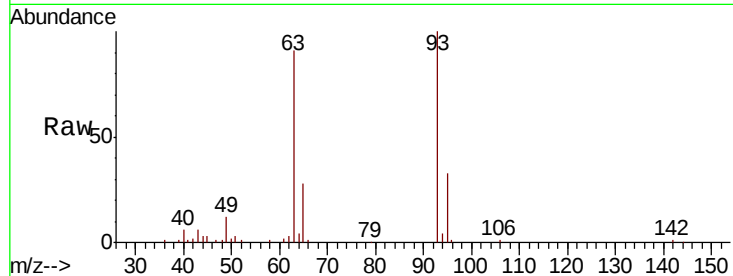
bis(2-Chloroethyl)ether
Concen: 32.427 ng
RT: 7.49 min Scan# 715
Delta R.T. -0.00 min
Lab File: BG038346.D
Acq: 5 Dec 2018 5:08

Instrument :
BNA_G
ClientSampleId :
PB115253BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	91.4	69.5	109.5
95	32.7	12.6	52.6

Manual Integrations
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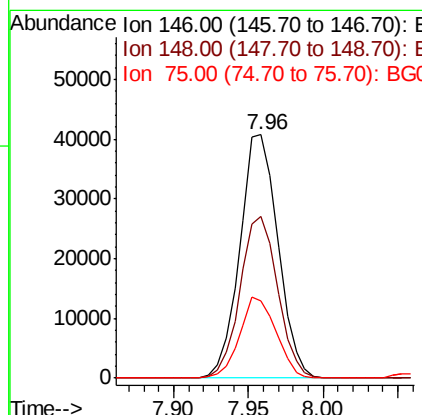
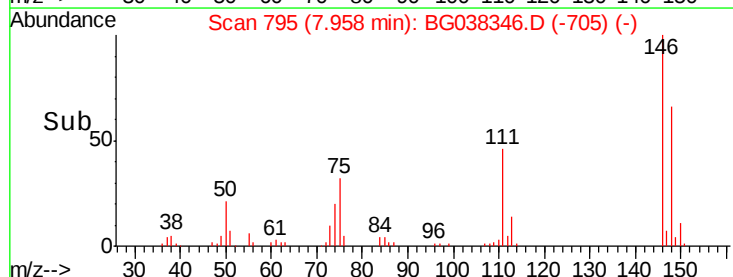
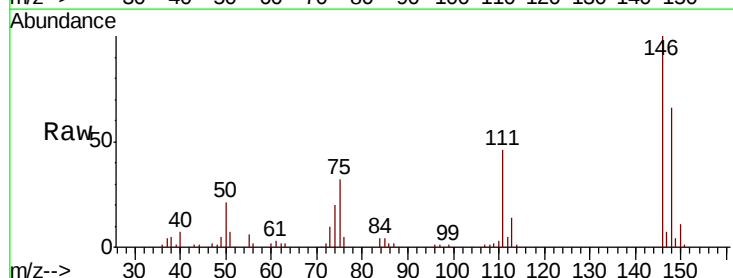
mohammad
12/6/2018 9:32:44 AM

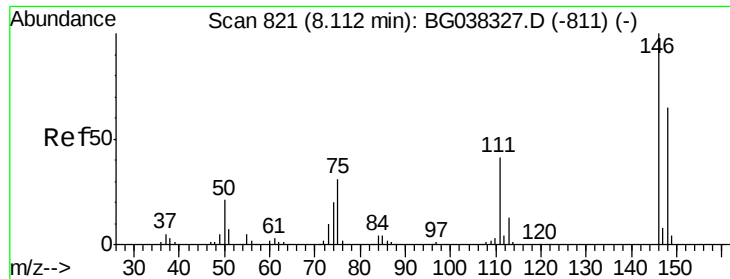


#12

1,3-Dichlorobenzene
Concen: 31.946 ng
RT: 7.96 min Scan# 795
Delta R.T. -0.00 min
Lab File: BG038346.D
Acq: 5 Dec 2018 5:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.2	49.8	74.8
75	31.6	23.2	34.8





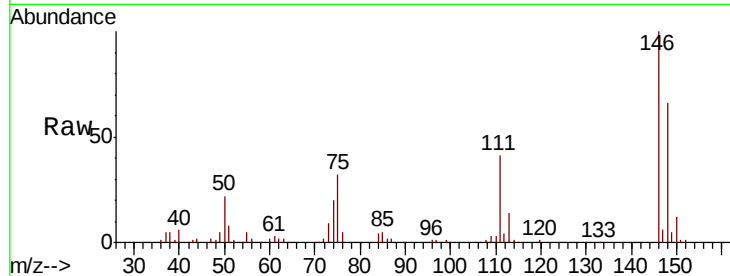
#13
 1,4-Dichlorobenzene
 Concen: 32.673 ng
 RT: 8.11 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BG038346.D
 Acq: 5 Dec 2018 5:08

Instrument :
 BNA_G
 ClientSampleId :
 PB115253BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.6	51.0	76.6
111	40.9	32.4	48.6

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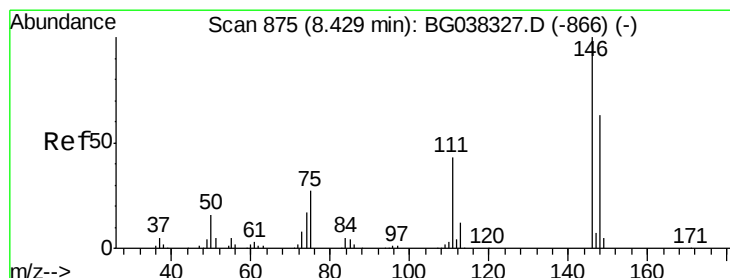
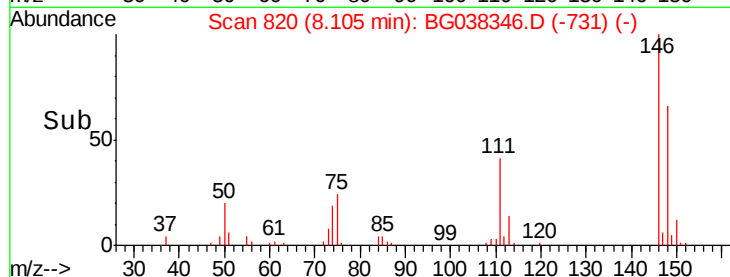
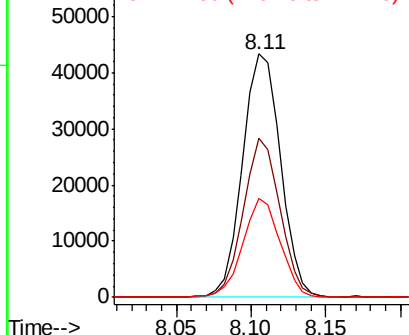


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 31.844 ng
 RT: 8.43 min Scan# 875
 Delta R.T. -0.00 min
 Lab File: BG038346.D
 Acq: 5 Dec 2018 5:08

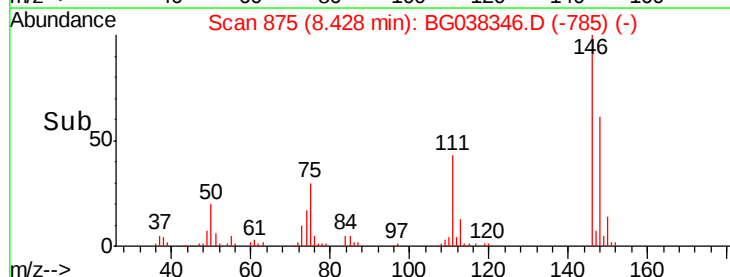
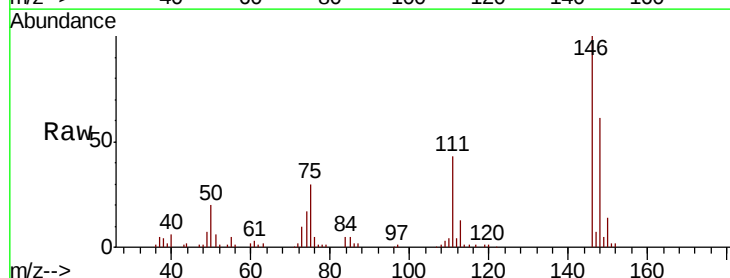
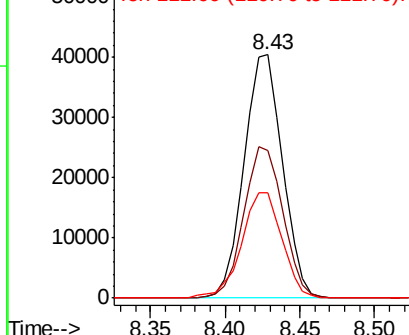
Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.5	50.4	75.6
111	43.2	34.6	51.8

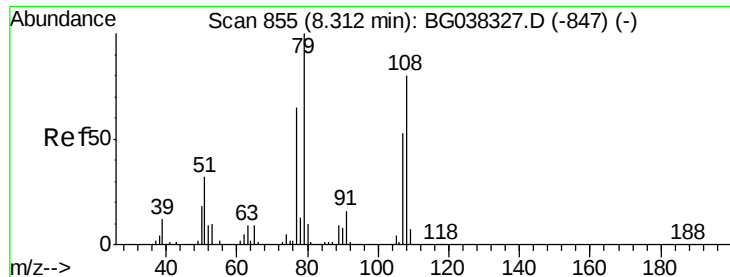
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.114 ng

RT: 8.31 min Scan# 855

Delta R.T. -0.00 min

Lab File: BG038346.D

Acq: 5 Dec 2018 5:08

Instrument :

BNA_G

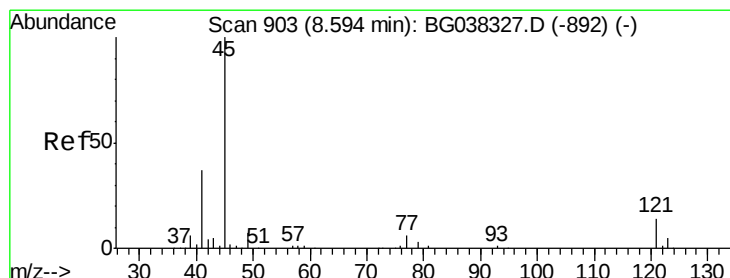
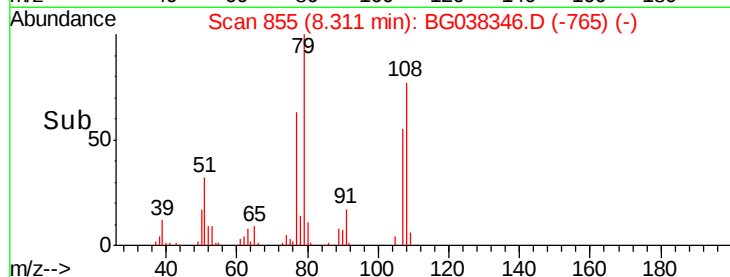
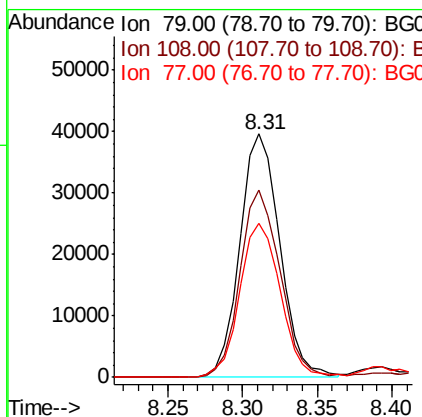
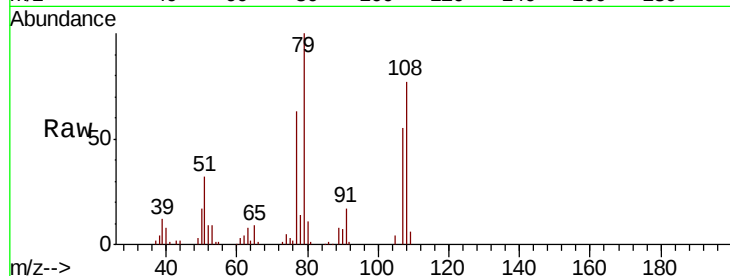
ClientSampled :

PB115253BS

Tot Ion:	79	Resp:	73420
Ion Ratio	Lower	Upper	
79	100		
108	77.0	65.8	98.8
77	63.5	52.9	79.3

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#16

2,2'-oxybis(1-chloropropane)

Concen: 32.327 ng

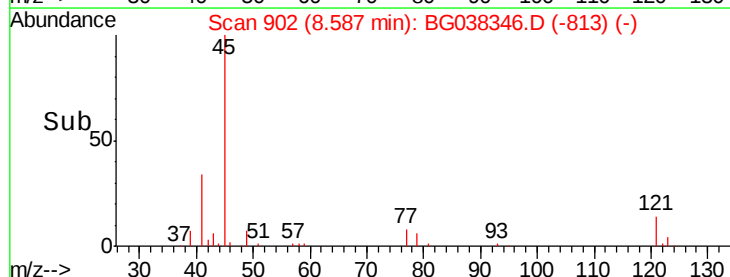
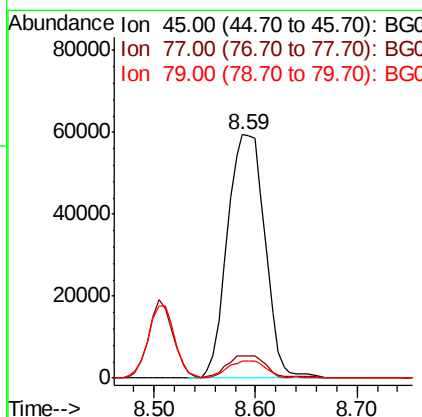
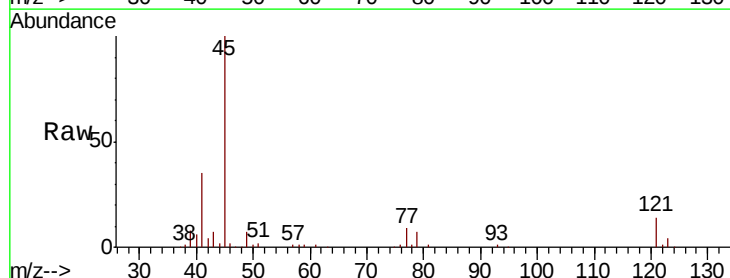
RT: 8.59 min Scan# 902

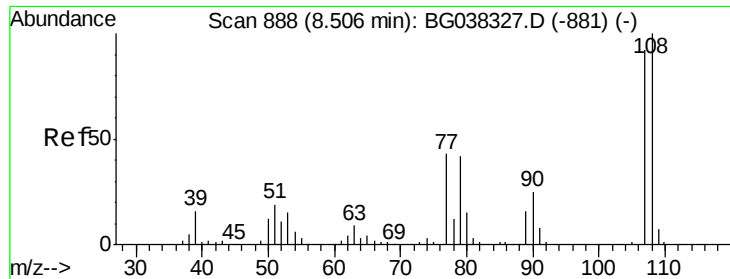
Delta R.T. -0.01 min

Lab File: BG038346.D

Acq: 5 Dec 2018 5:08

Tgt Ion:	45	Resp:	153098
Ion Ratio	Lower	Upper	
45	100		
77	9.0	0.0	30.0
79	7.2	0.0	29.0





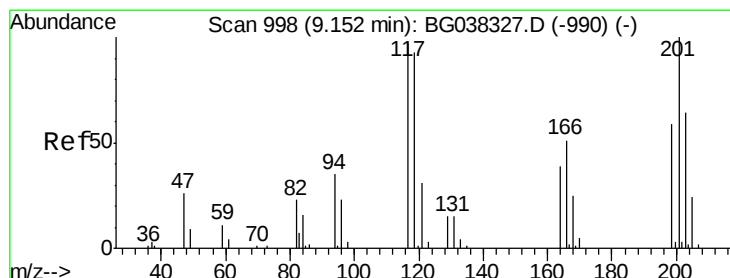
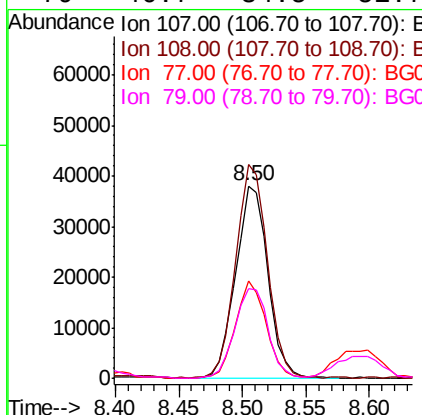
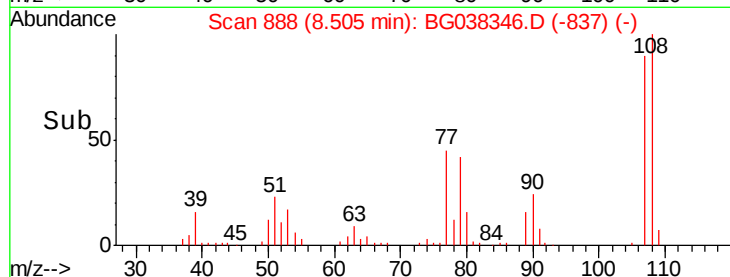
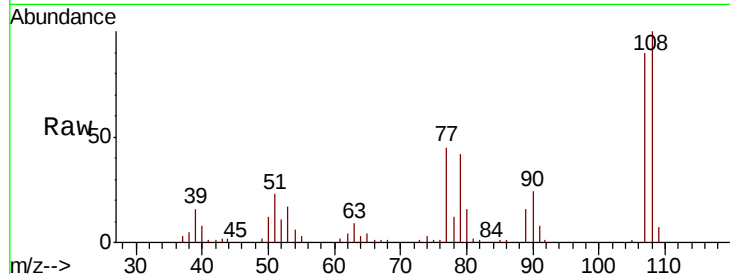
#17
2-Methylphenol
Concen: 37.248 ng
RT: 8.50 min Scan# 888
Delta R.T. -0.00 min
Lab File: BG038346.D
Acq: 5 Dec 2018 5:08

Instrument :
BNA_G
ClientSampleId :
PB115253BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.2	87.9	131.9
77	50.6	35.1	52.7
79	46.7	34.5	51.7

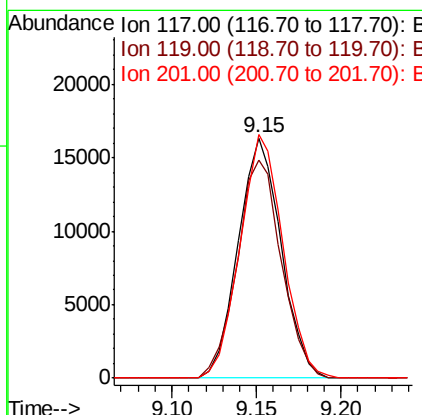
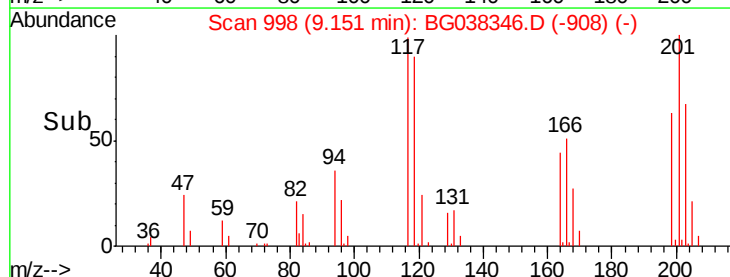
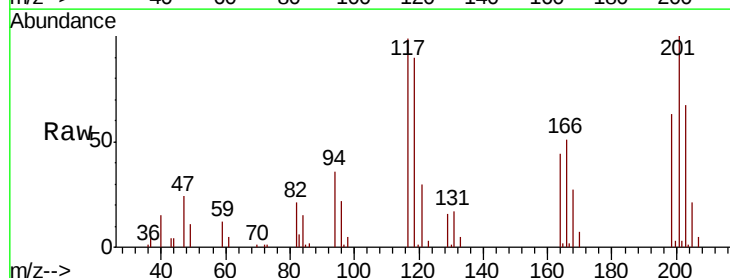
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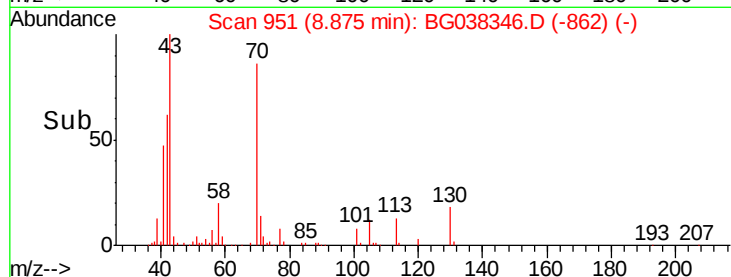
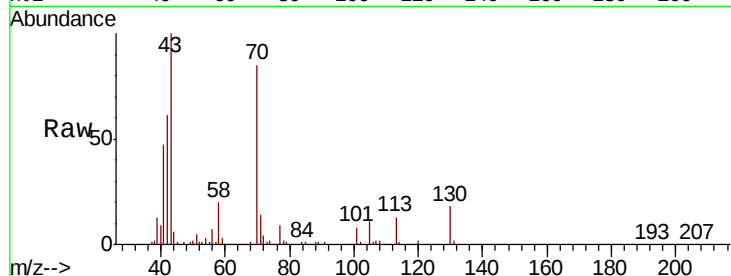
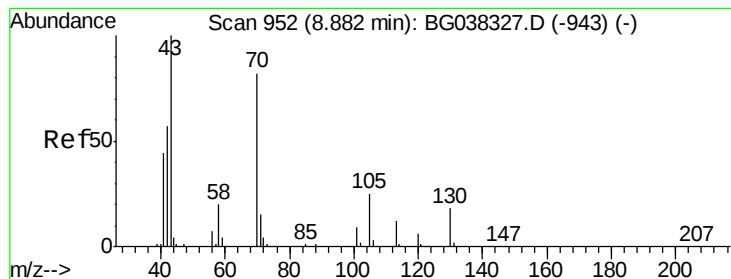
mohammad
12/6/2018 9:32:44 AM



#18
Hexachloroethane
Concen: 33.999 ng
RT: 9.15 min Scan# 998
Delta R.T. -0.00 min
Lab File: BG038346.D
Acq: 5 Dec 2018 5:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.1	74.6	111.8
201	101.4	80.8	121.2





#19

n-Nitroso-di-n-propylamine

Concen: 32.608 ng

RT: 8.87 min Scan# 951

Delta R.T. -0.01 min

Lab File: BG038346.D

Acq: 5 Dec 2018 5:08

Instrument :

BNA_G

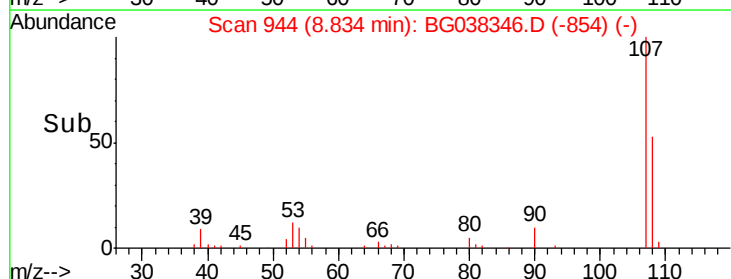
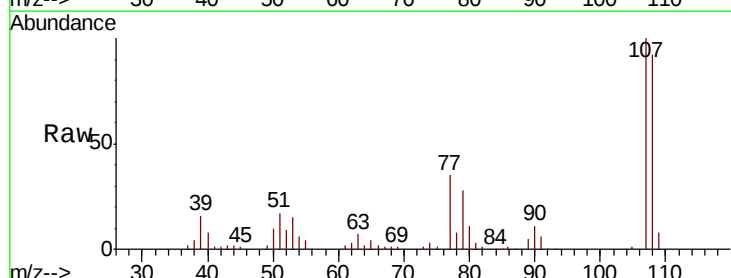
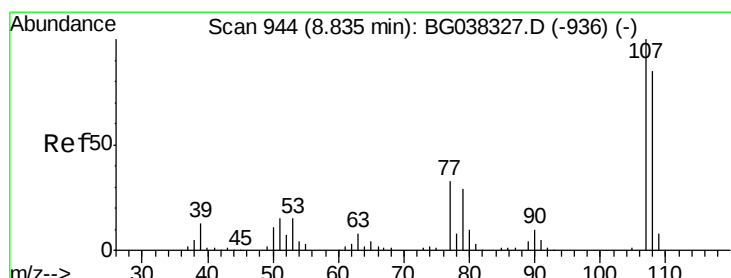
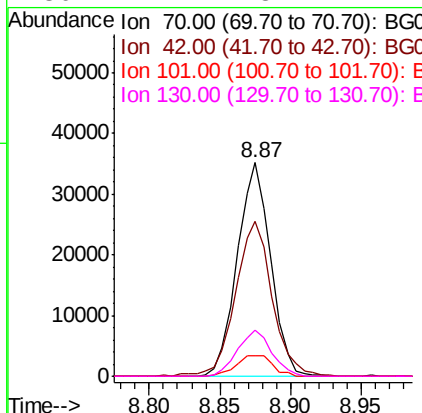
ClientSampleId :

PB115253BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	72.2	53.9	80.9	
101	9.4	8.2	12.2	
130	21.4	18.2	27.4	

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#20

3+4-Methylphenols

Concen: 35.566 ng

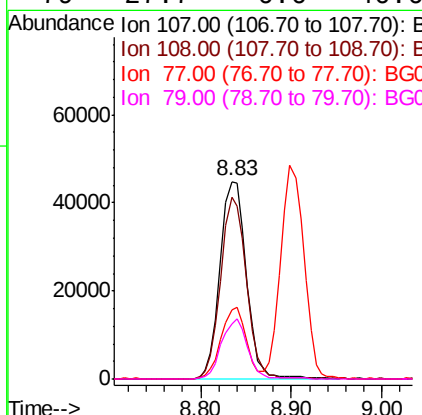
RT: 8.83 min Scan# 944

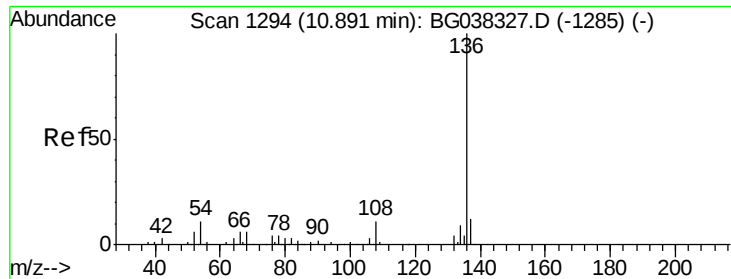
Delta R.T. -0.00 min

Lab File: BG038346.D

Acq: 5 Dec 2018 5:08

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	92.4	69.9	109.9	
77	34.9	11.2	51.2	
79	27.7	6.6	46.6	





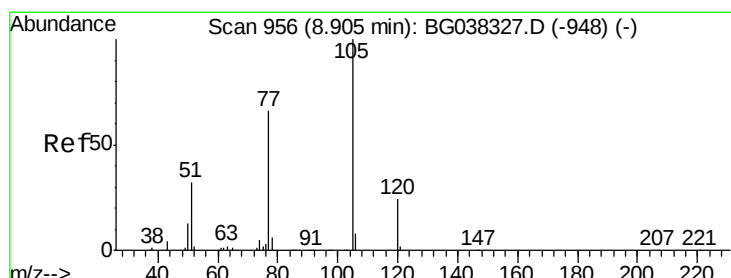
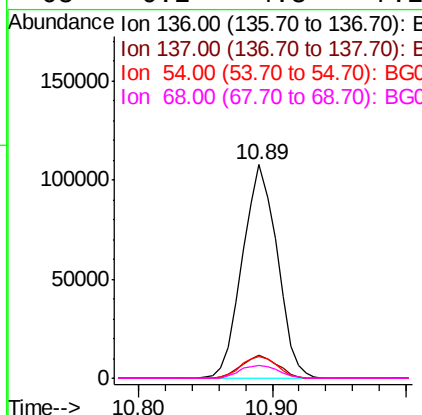
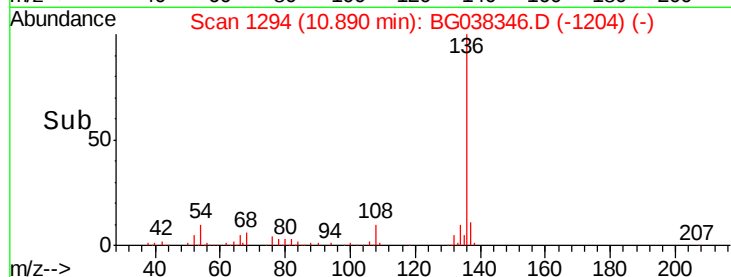
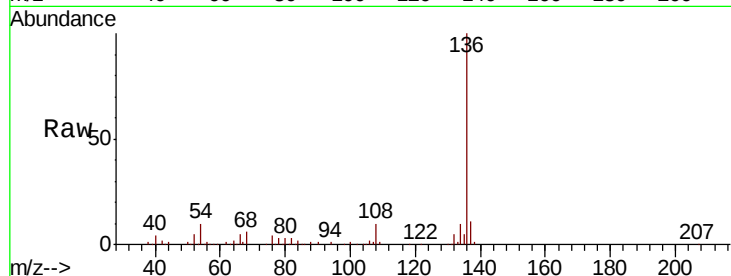
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BG038346.D
Acq: 5 Dec 2018 5:08

Instrument :
BNA_G
ClientSampleId :
PB115253BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	194500		
137	11.1	9.6	14.4	
54	10.3	7.9	11.9	
68	6.2	4.8	7.2	

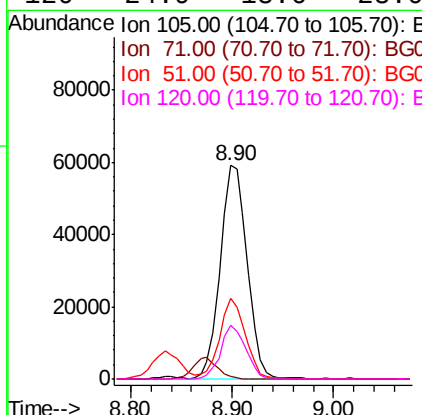
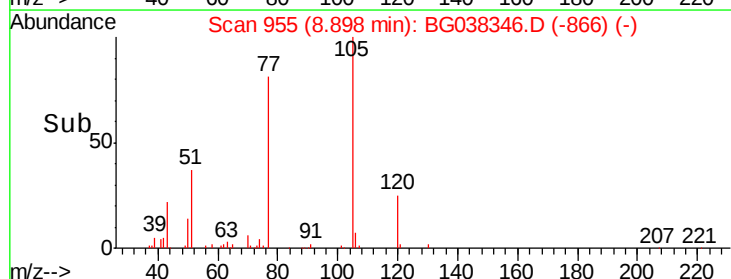
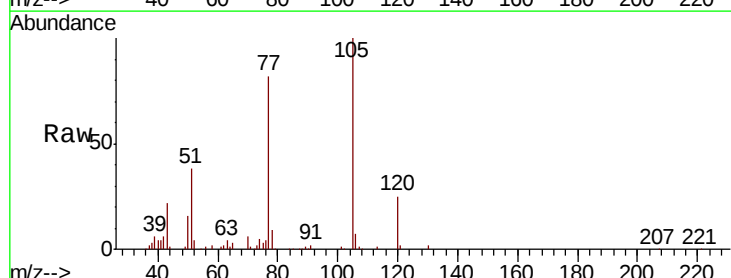
Manual Integrations
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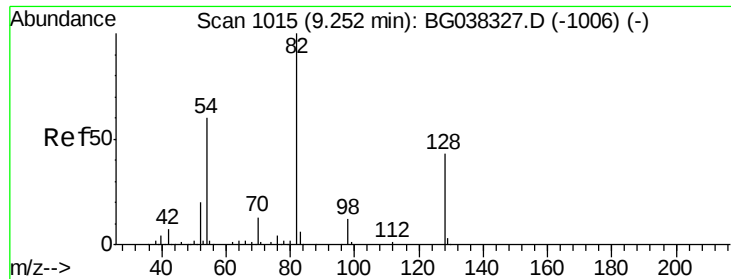
mohammad
12/6/2018 9:32:44 AM



#22
Acetophenone
Concen: 21.987 ng
RT: 8.90 min Scan# 955
Delta R.T. -0.01 min
Lab File: BG038346.D
Acq: 5 Dec 2018 5:08

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	108724		
71	1.4	1.2	1.8	
51	37.9	25.0	37.6#	
120	24.9	18.6	28.0	





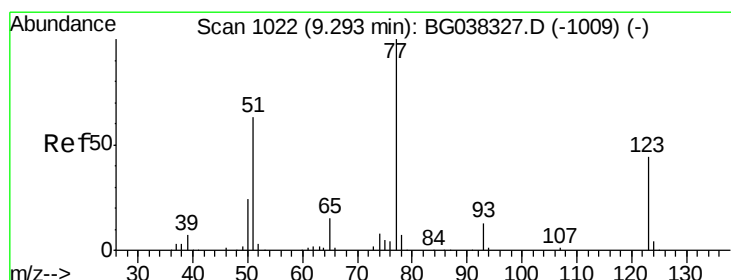
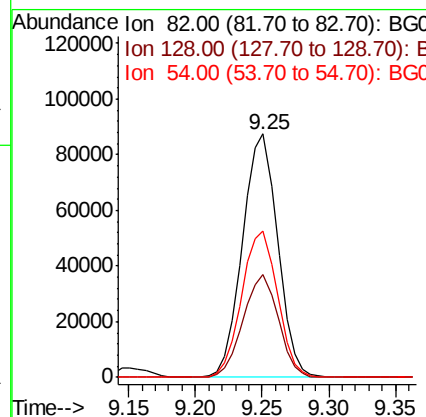
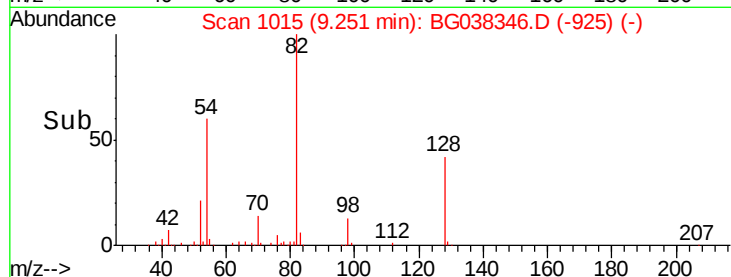
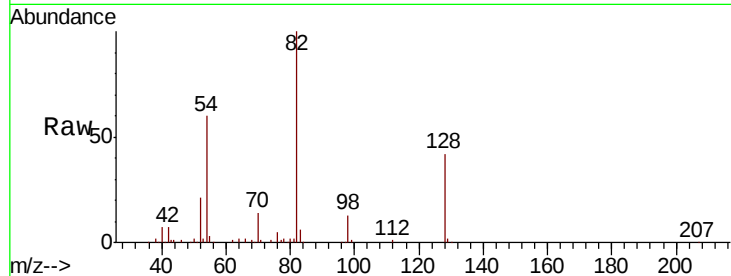
#23
 Nitrobenzene-d5
 Concen: 40.799 ng
 RT: 9.25 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: BG038346.D
 Acq: 5 Dec 2018 5:08

Instrument :
 BNA_G
 ClientSampleId :
 PB115253BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	159834		
128	42.2		34.6	51.8
54	59.9		45.3	67.9

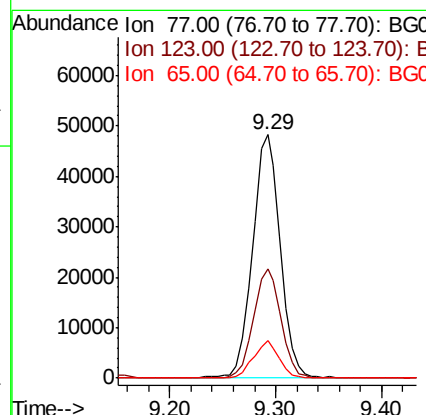
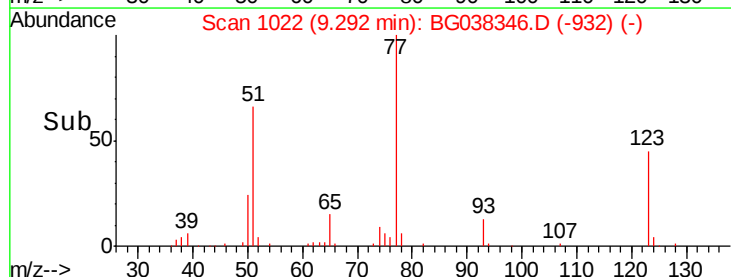
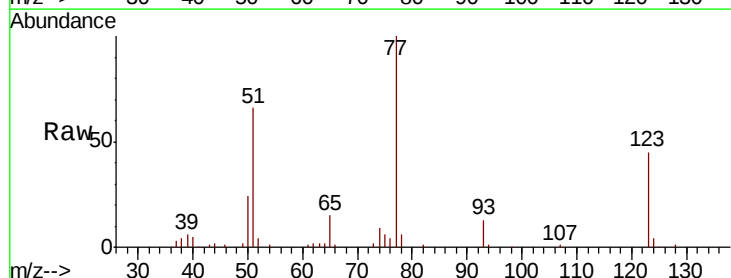
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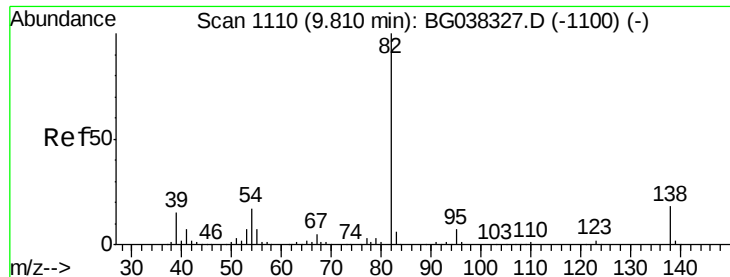
mohammad
 12/6/2018 9:32:44 AM



#24
 Nitrobenzene
 Concen: 22.081 ng
 RT: 9.29 min Scan# 1022
 Delta R.T. -0.00 min
 Lab File: BG038346.D
 Acq: 5 Dec 2018 5:08

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	87887		
123	44.6		33.6	50.4
65	15.2		11.3	16.9





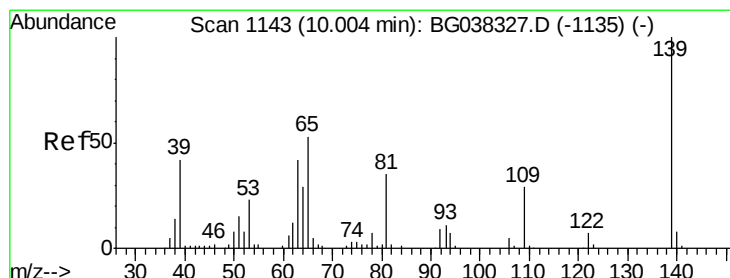
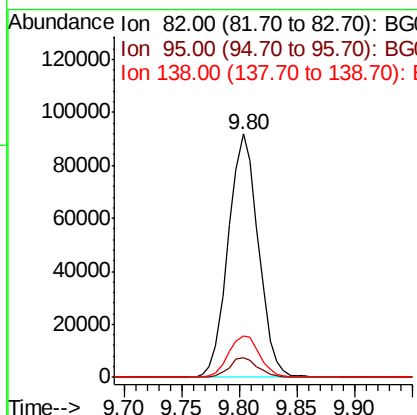
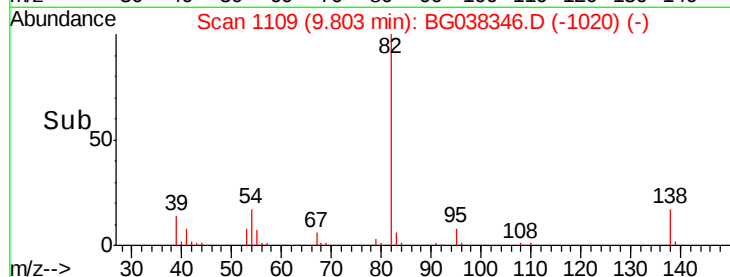
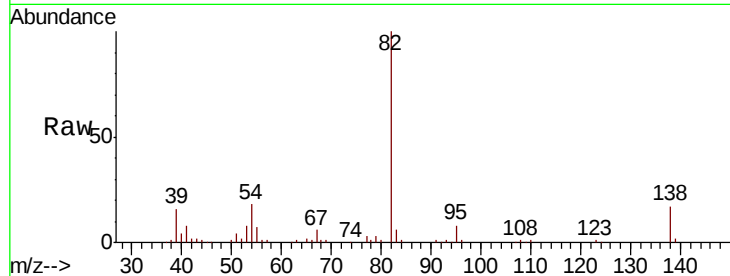
#25
Isophorone
Concen: 24.109 ng
RT: 9.80 min Scan# 1109
Delta R.T. -0.01 min
Lab File: BG038346.D
Acq: 5 Dec 2018 5:08

Instrument :
BNA_G
ClientSampleId :
PB115253BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	165982		
95	8.2	5.3	7.9#	
138	16.7	13.3	19.9	

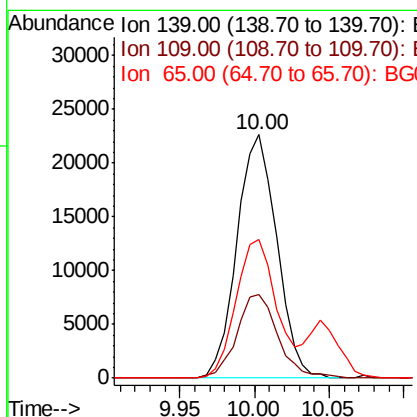
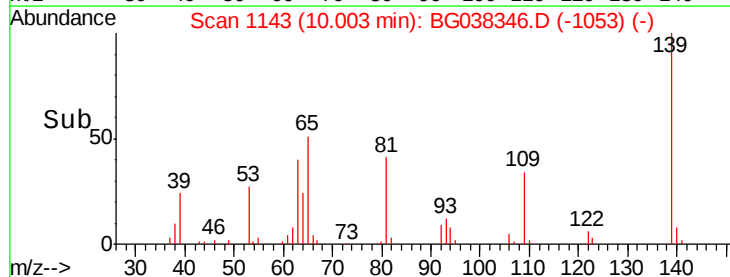
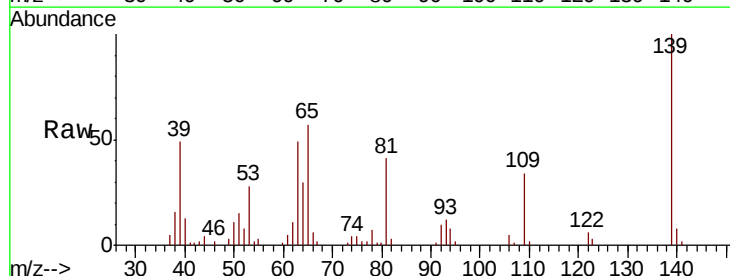
Manual Integrations
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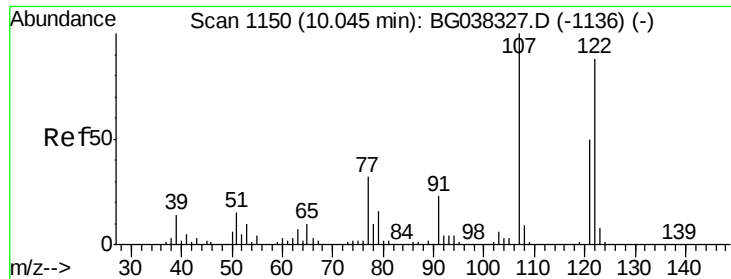
mohammad
12/6/2018 9:32:44 AM



#26
2-Nitrophenol
Concen: 22.797 ng
RT: 10.00 min Scan# 1143
Delta R.T. -0.00 min
Lab File: BG038346.D
Acq: 5 Dec 2018 5:08

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	42042		
109	34.2	23.3	34.9	
65	57.0	39.8	59.8	





#27

2,4-Dimethylphenol

Concen: 28.925 ng

RT: 10.04 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BG038346.D

Acq: 5 Dec 2018 5:08

Instrument :

BNA_G

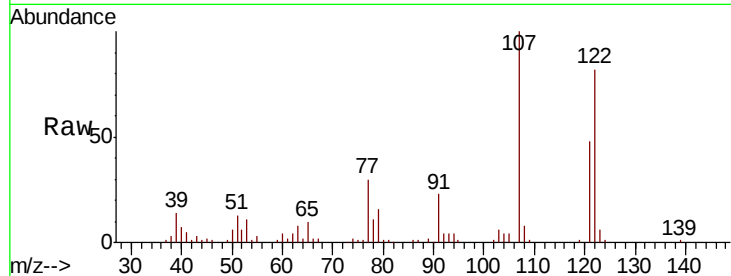
ClientSampleId :

PB115253BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	122.2	94.2	141.2
121	58.2	47.3	70.9

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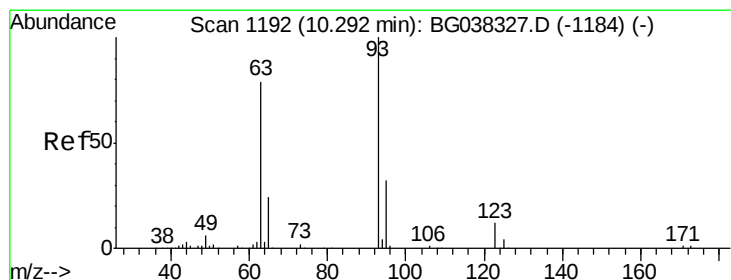
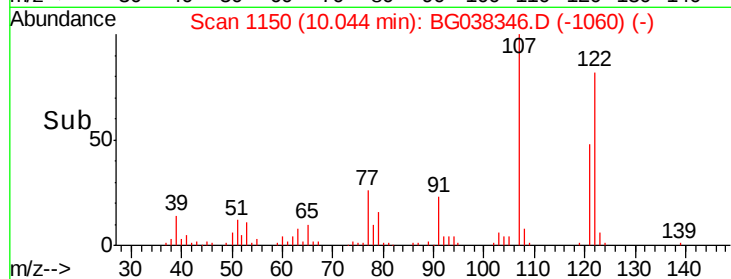
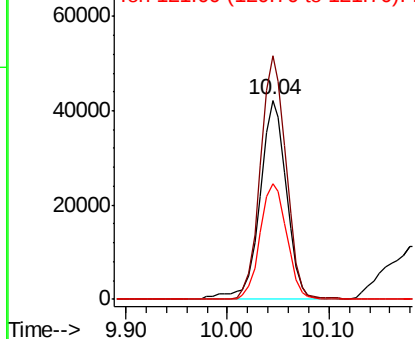


Abundance

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: 24.438 ng

RT: 10.29 min Scan# 1191

Delta R.T. -0.01 min

Lab File: BG038346.D

Acq: 5 Dec 2018 5:08

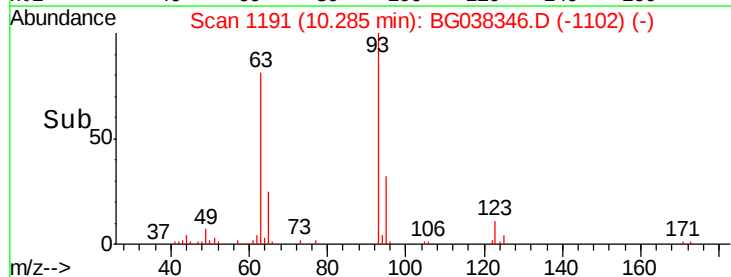
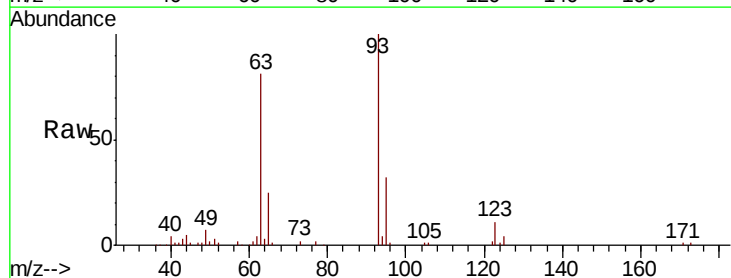
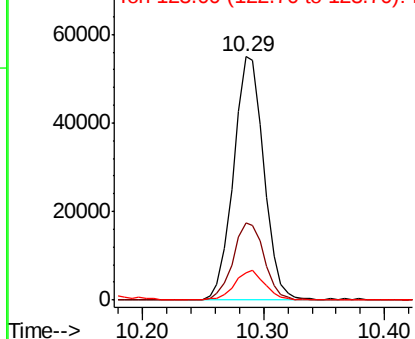
Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.5	24.6	37.0
123	11.3	9.1	13.7

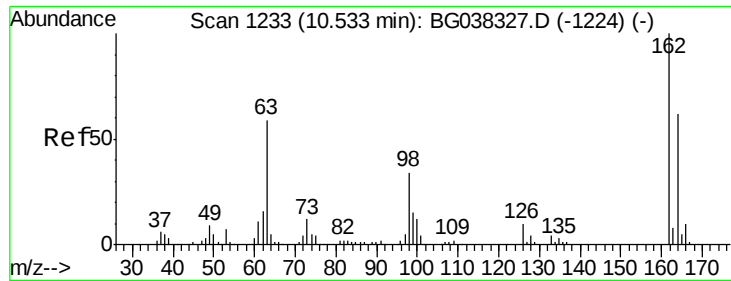
Abundance

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





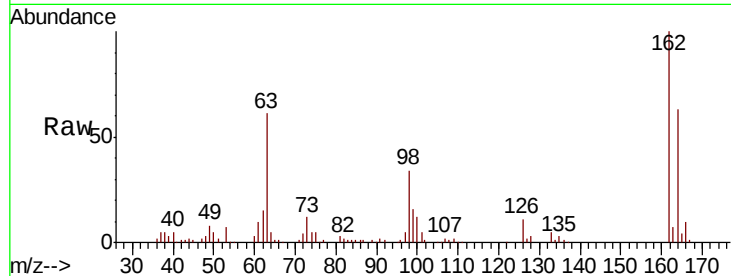
#29
 2,4-Dichlorophenol
 Concen: 26.471 ng
 RT: 10.53 min Scan# 1233
 Delta R.T. -0.00 min
 Lab File: BG038346.D
 Acq: 5 Dec 2018 5:08

Instrument :
 BNA_G
 ClientSampleId :
 PB115253BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	62.5	43.2	83.2	
98	33.5	16.0	56.0	

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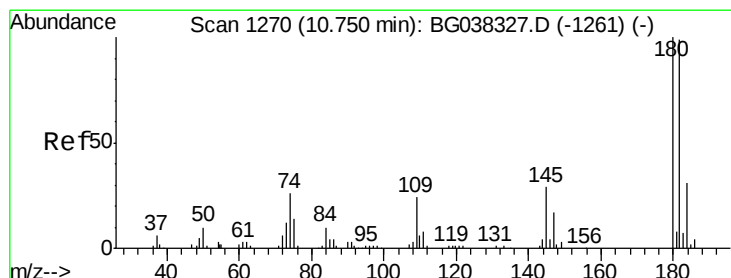
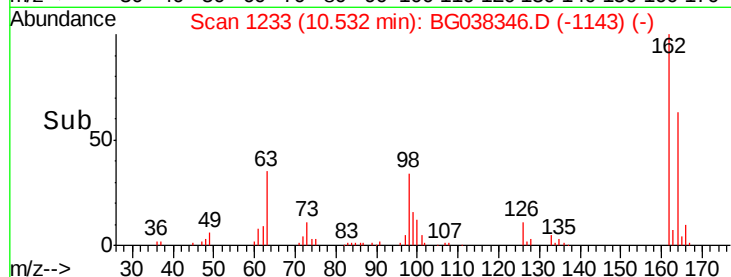
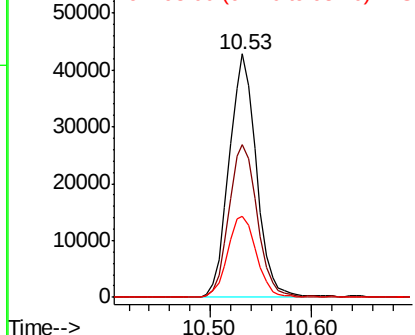


Abundance

Ion 162.00 (161.70 to 162.70): E

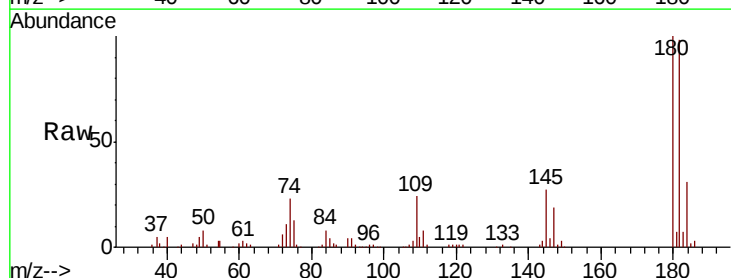
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 33.749 ng
 RT: 10.75 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: BG038346.D
 Acq: 5 Dec 2018 5:08

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	98.1	77.7	116.5	
145	27.4	23.3	34.9	

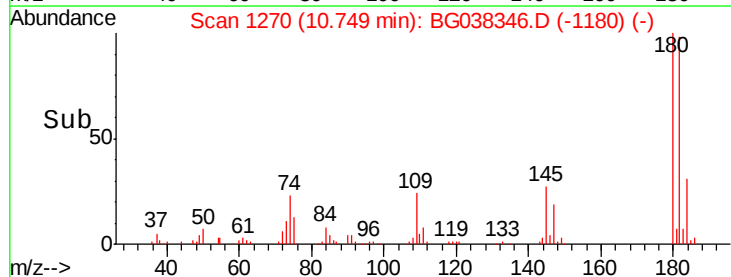
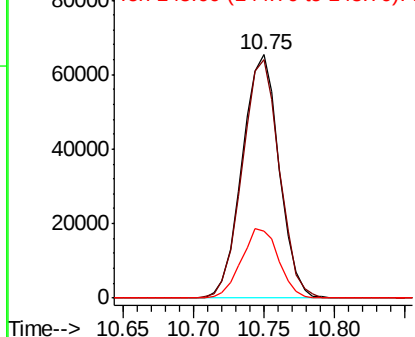


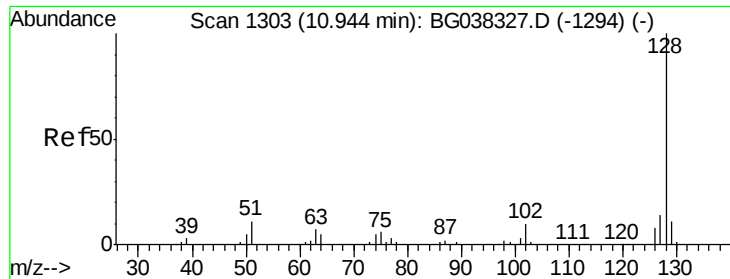
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





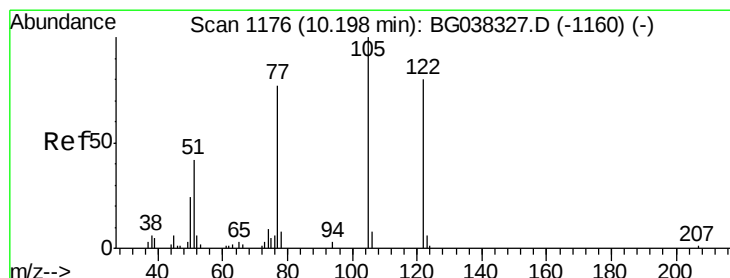
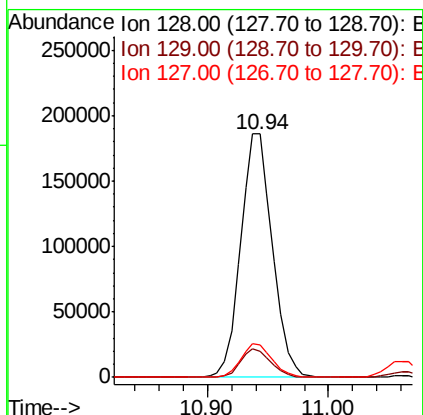
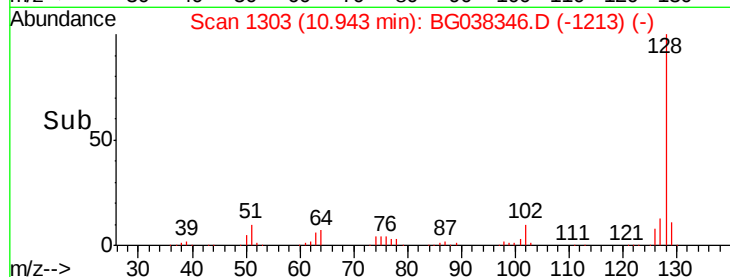
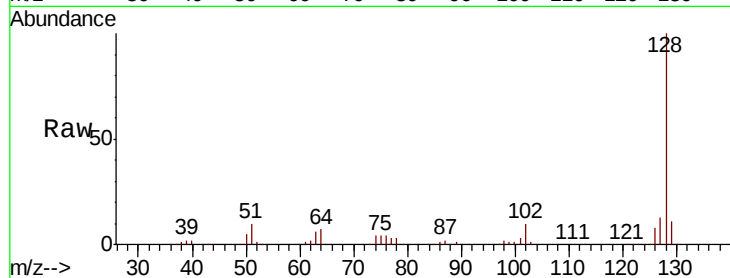
#31
Naphthalene
Concen: 36.541 ng
RT: 10.94 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BG038346.D
Acq: 5 Dec 2018 5:08

Instrument :
BNA_G
ClientSampleId :
PB115253BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.0	13.6
127	13.4	11.1	16.7

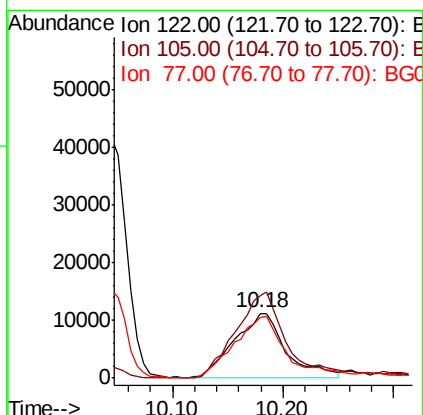
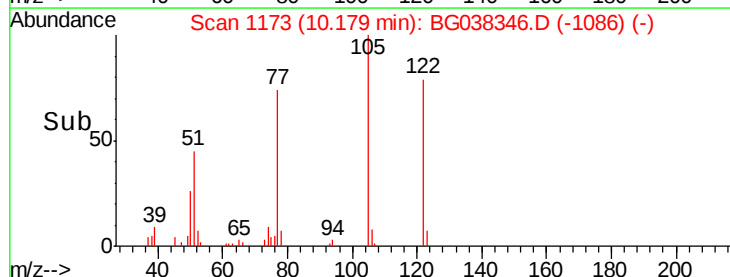
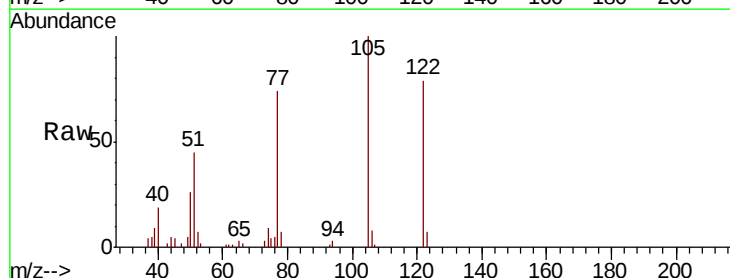
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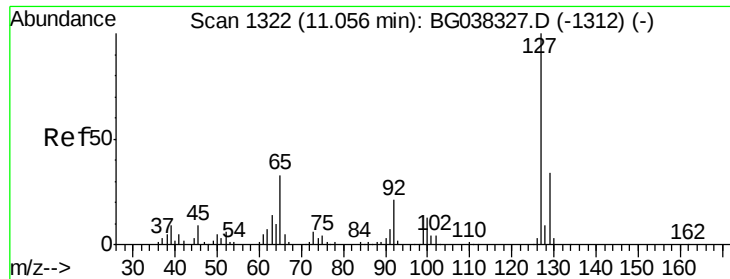
mohammad
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#32
Benzoic acid
Concen: 22.437 ng
RT: 10.18 min Scan# 1173
Delta R.T. -0.02 min
Lab File: BG038346.D
Acq: 5 Dec 2018 5:08

Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.2	106.7	146.7
77	93.2	72.2	112.2





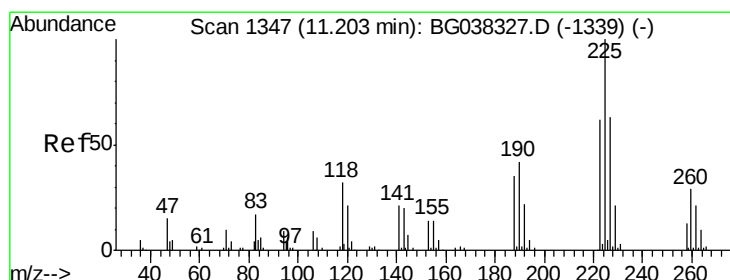
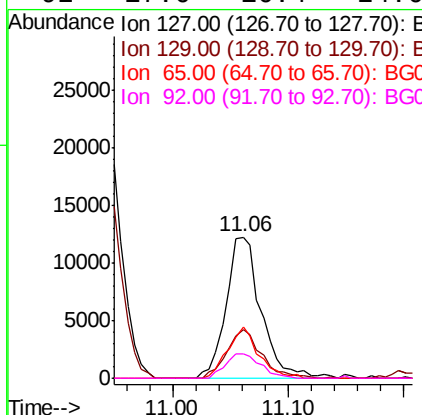
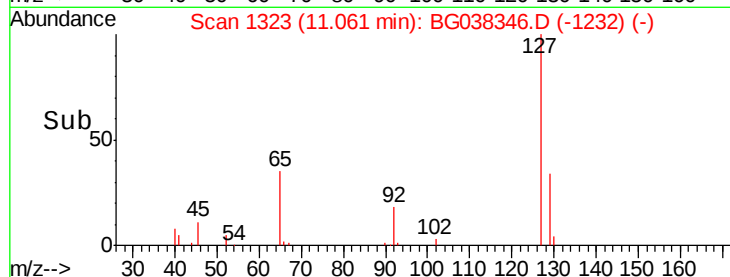
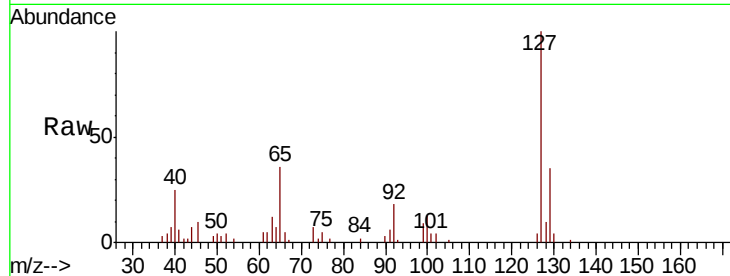
#33
4-Chloroaniline
Concen: 6.285 ng
RT: 11.06 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BG038346.D
Acq: 5 Dec 2018 5:08

Instrument :
BNA_G
ClientSampleId :
PB115253BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	34.5	27.1	40.7		
65	36.5	26.6	39.8		
92	17.6	16.4	24.6		

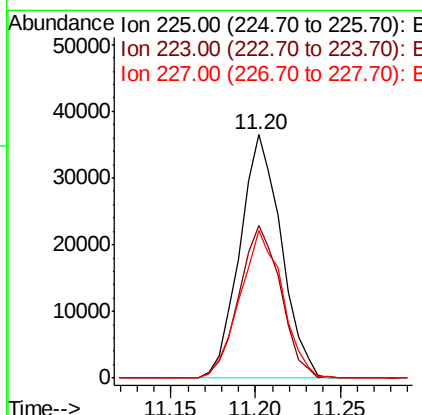
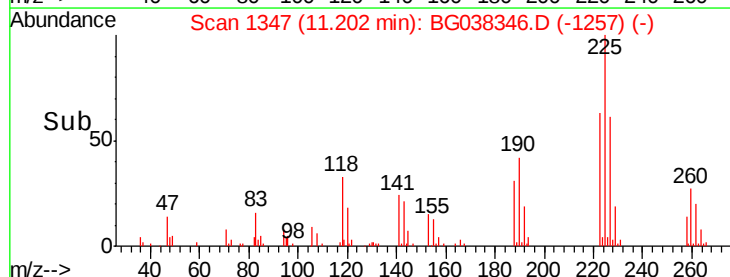
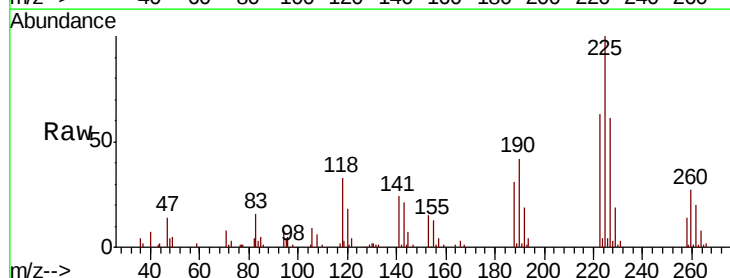
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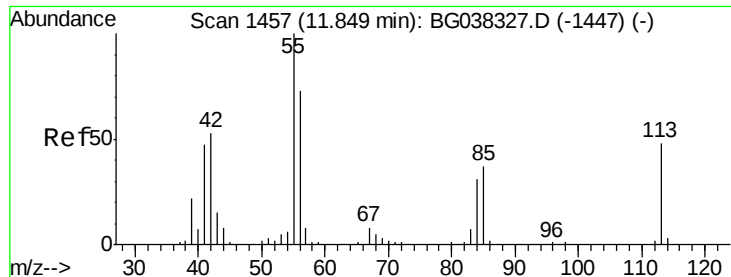
mohammad
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#34
Hexachlorobutadiene
Concen: 27.945 ng
RT: 11.20 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BG038346.D
Acq: 5 Dec 2018 5:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.5	48.2	72.4		
227	60.7	51.6	77.4		





#35

Caprolactam

Concen: 32.518 ng/mL

RT: 11.84 min Scan# 1455

Delta R.T. -0.01 min

Lab File: BG038346.D

Acq: 5 Dec 2018 5:08

Instrument :

BNA_G

ClientSampleID :

PB115253BS

Tot Ion:113 Resp: 40661

Ion Ratio Lower Upper

113 100

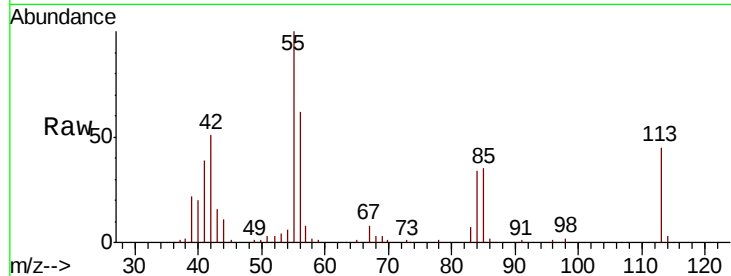
55 220.2 176.6 216.6#

56 135.9 128.3 168.3

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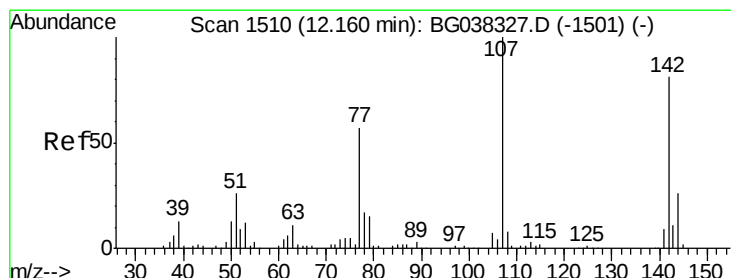
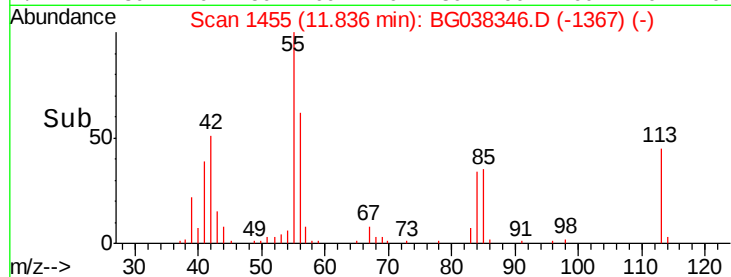
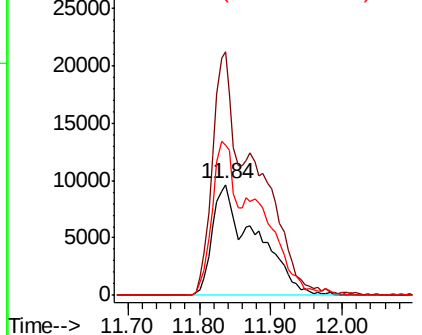
12/6/2018 9:32:44 AM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG038327.D (-1447) (-)

Ion 56.00 (55.70 to 56.70): BG038327.D (-1447) (-)



#36

4-Chloro-3-methylphenol

Concen: 26.623 ng/mL

RT: 12.16 min Scan# 1510

Delta R.T. -0.00 min

Lab File: BG038346.D

Acq: 5 Dec 2018 5:08

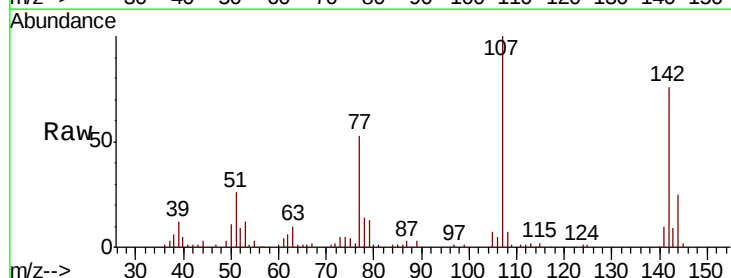
Tgt Ion:107 Resp: 89444

Ion Ratio Lower Upper

107 100

144 25.3 20.7 31.1

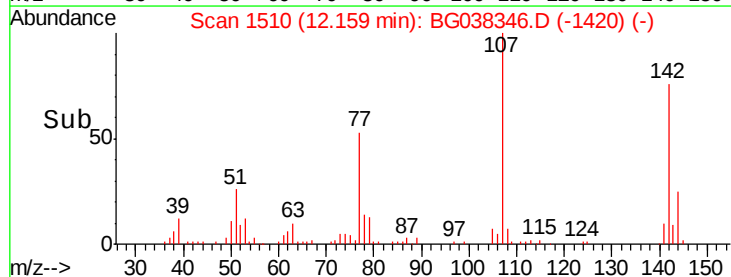
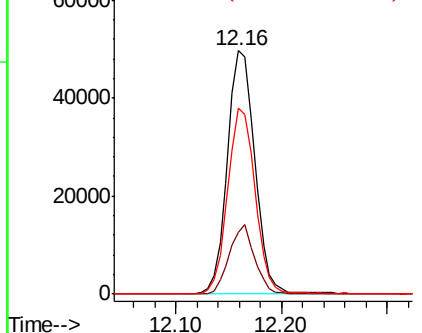
142 76.5 64.4 96.6

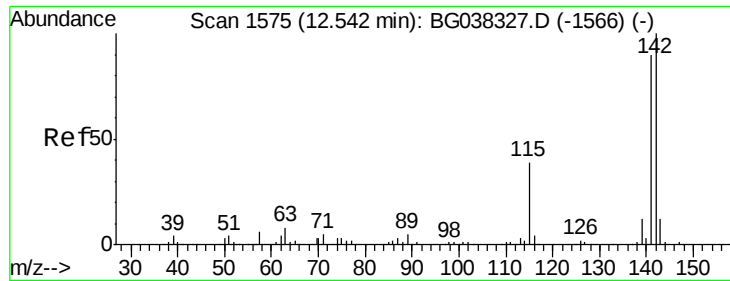


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





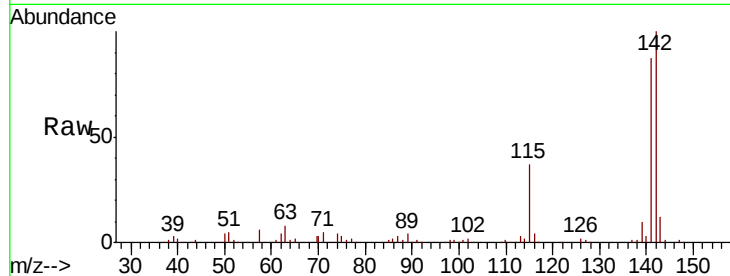
#37
2-Methylnaphthalene
Concen: 26.377 ng
RT: 12.54 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BG038346.D
Acq: 5 Dec 2018 5:08

Instrument :
BNA_G
ClientSampleId :
PB115253BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.1	71.9	107.9
115	36.9	27.8	41.8

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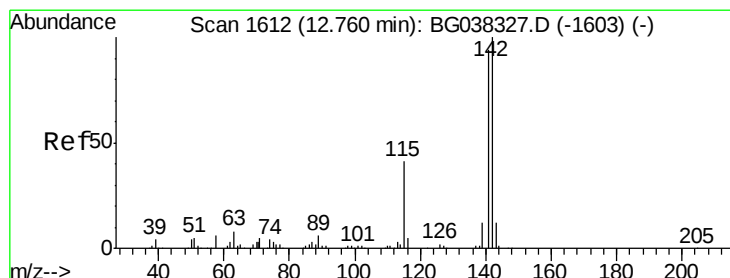
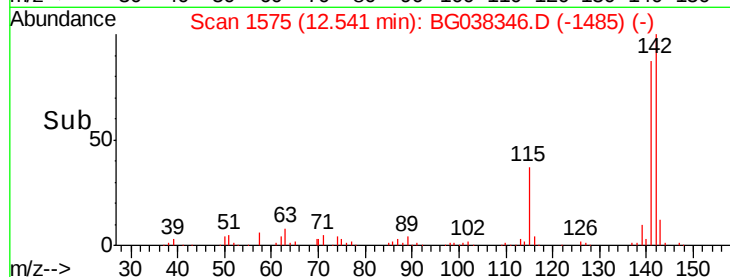
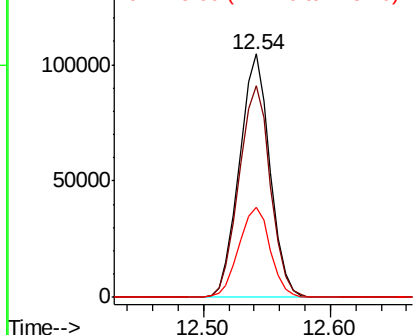


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 26.092 ng
RT: 12.76 min Scan# 1612
Delta R.T. -0.00 min
Lab File: BG038346.D
Acq: 5 Dec 2018 5:08

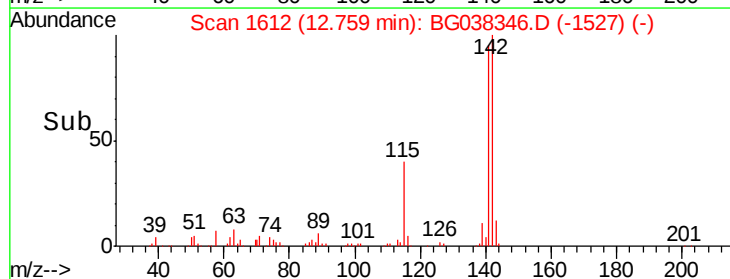
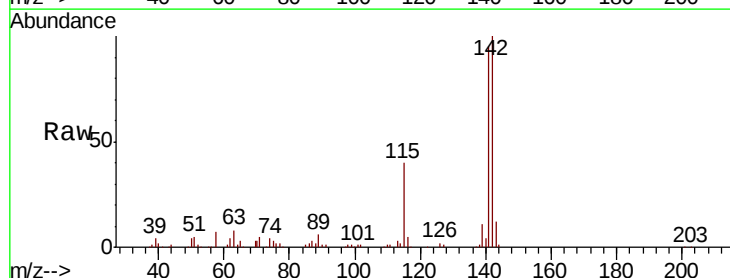
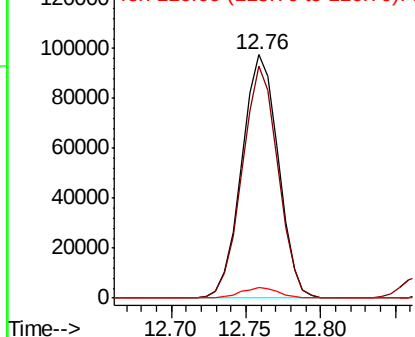
Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.1	75.2	112.8
116	4.6	3.3	4.9

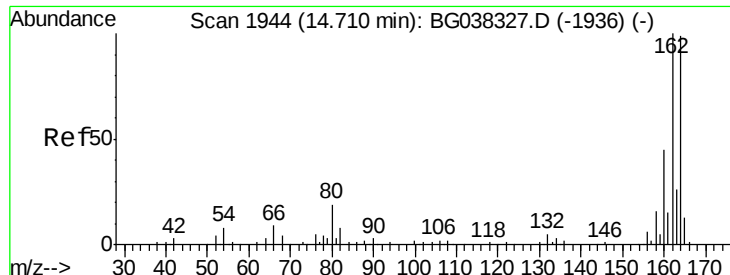
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.71 min Scan# 1944

Delta R.T. -0.00 min

Lab File: BG038346.D

Acq: 5 Dec 2018 5:08

Instrument :

BNA_G

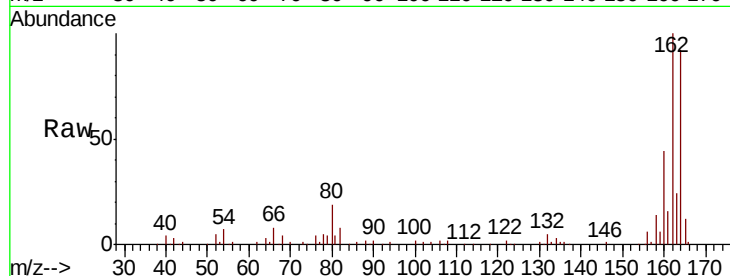
ClientSampleId :

PB115253BS

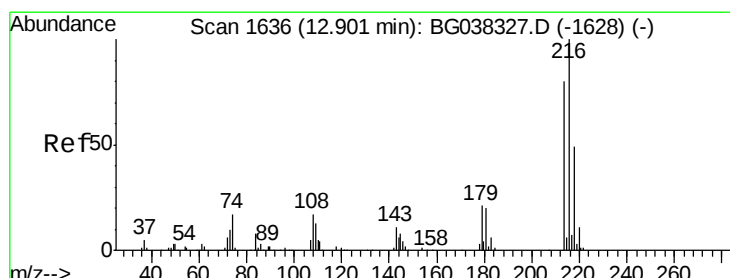
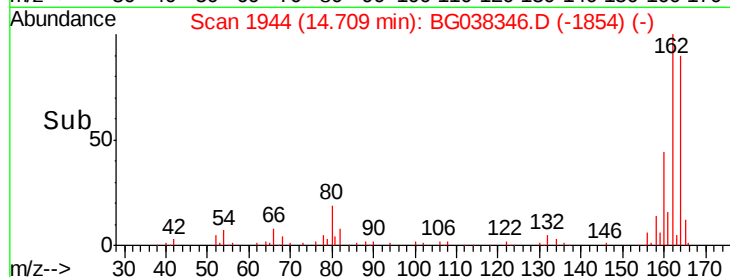
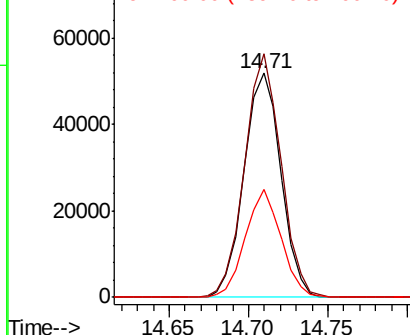
Tot Ion:	164	Resp:	84065
Ion Ratio	Lower	Upper	
164	100		
162	108.8	81.3	121.9
160	48.4	36.3	54.5

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Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 32.270 ng

RT: 12.90 min Scan# 1636

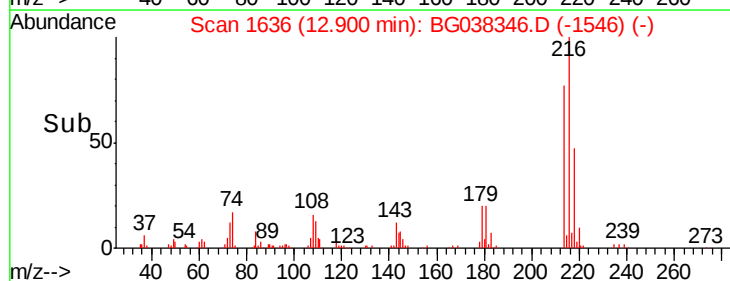
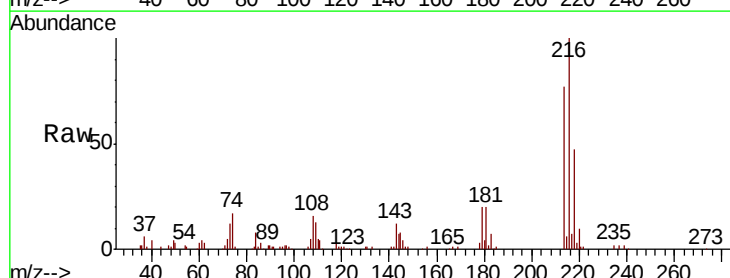
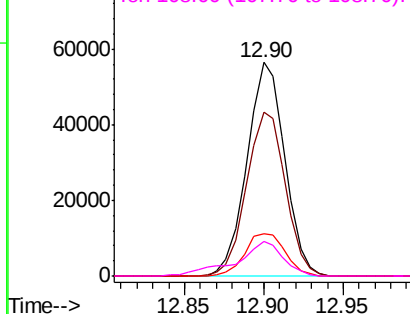
Delta R.T. -0.00 min

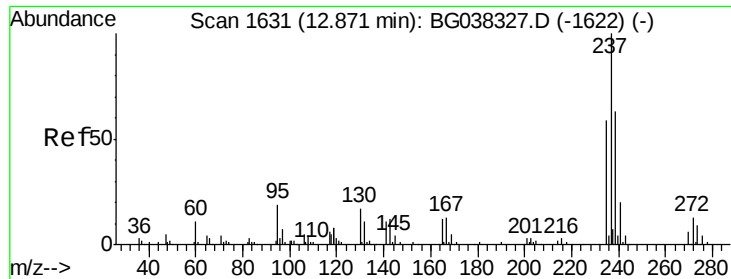
Lab File: BG038346.D

Acq: 5 Dec 2018 5:08

Tgt Ion:	216	Resp:	93346
Ion Ratio	Lower	Upper	
216	100		
214	78.7	63.8	95.6
179	20.9	17.4	26.0
108	20.0	13.9	20.9

Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 82.436 ng

RT: 12.87 min Scan# 1631

Delta R.T. -0.00 min

Lab File: BG038346.D

Acq: 5 Dec 2018 5:08

Instrument :

BNA_G

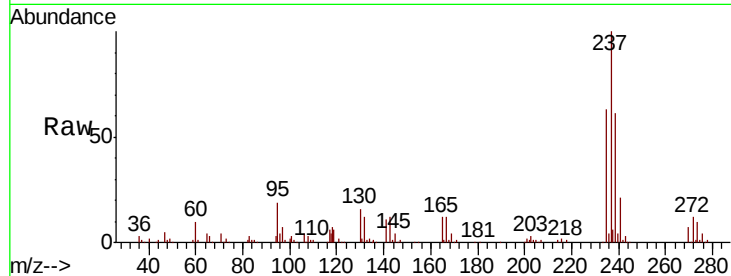
ClientSampleId :

PB115253BS

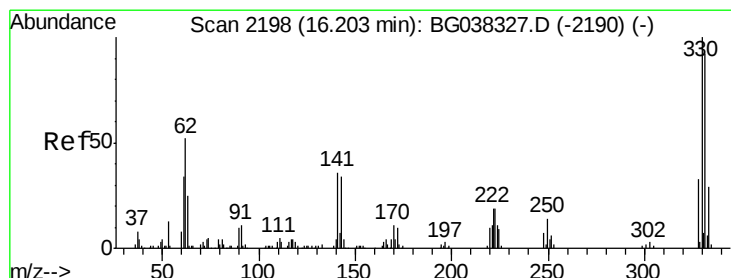
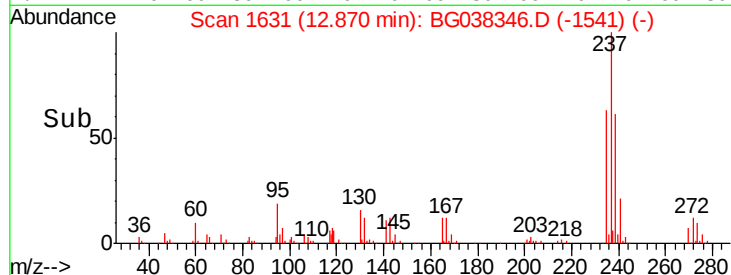
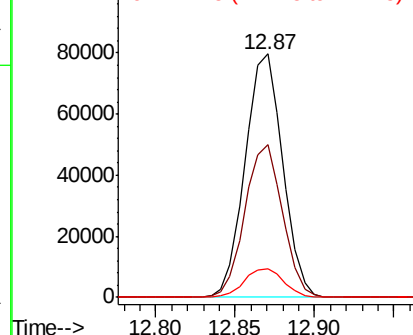
Tot Ion:	237	Resp:	131043
Ion Ratio	Lower	Upper	
237	100		
235	62.5	42.5	82.5
272	11.7	0.0	31.6

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



#42

2,4,6-Tribromophenol

Concen: 104.110 ng

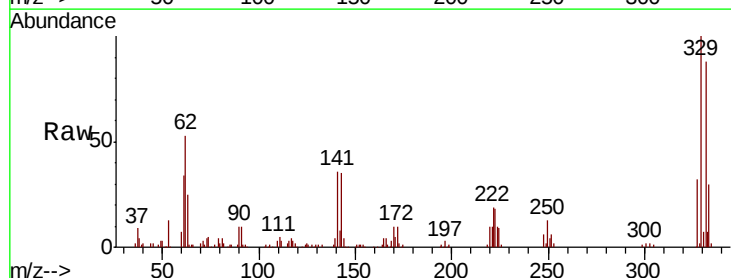
RT: 16.20 min Scan# 2198

Delta R.T. -0.00 min

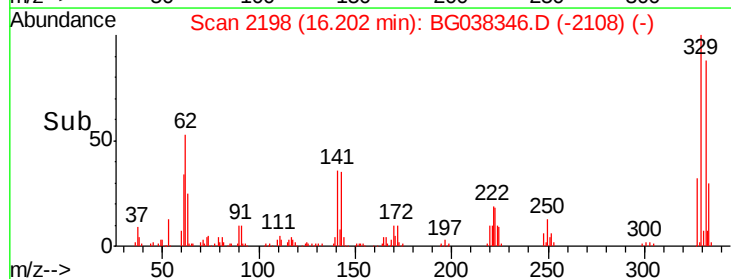
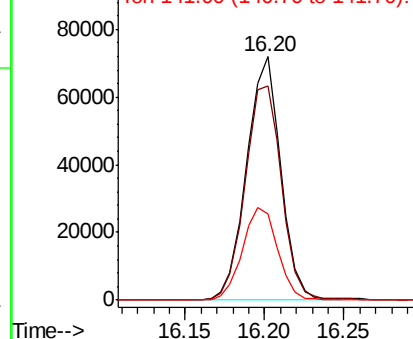
Lab File: BG038346.D

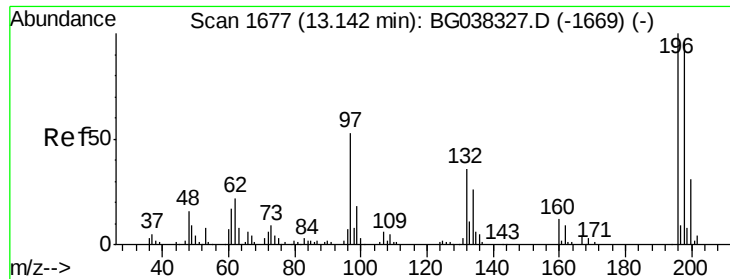
Acq: 5 Dec 2018 5:08

Tgt Ion:	330	Resp:	107442
Ion Ratio	Lower	Upper	
330	100		
332	93.9	78.4	117.6
141	39.3	32.2	48.2



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





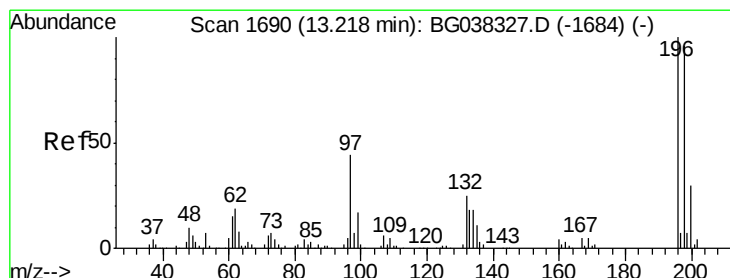
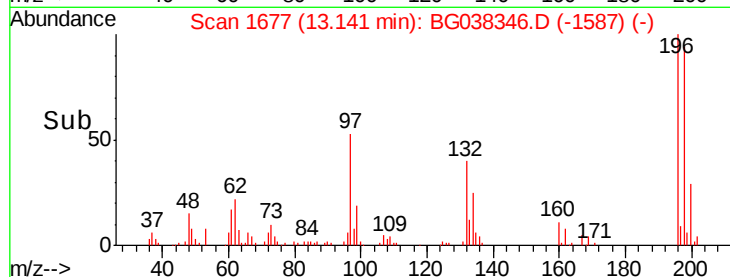
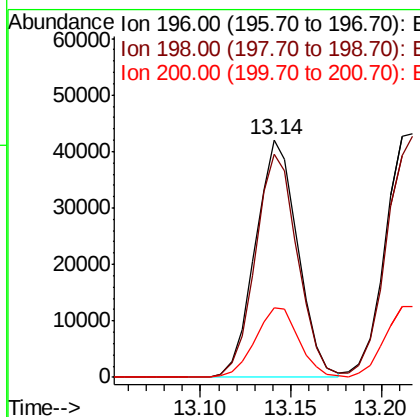
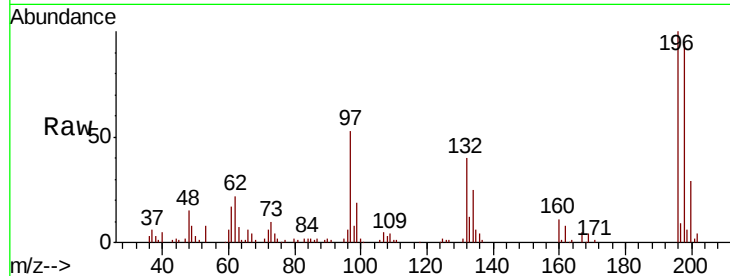
#43
 2,4,6-Trichlorophenol
 Concen: 36.621 ng
 RT: 13.14 min Scan# 1677
 Delta R.T. -0.00 min
 Lab File: BG038346.D
 Acq: 5 Dec 2018 5:08

Instrument :
 BNA_G
 ClientSampleId :
 PB115253BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	68621		
198	94.3	76.4	114.6	
200	29.4	24.9	37.3	

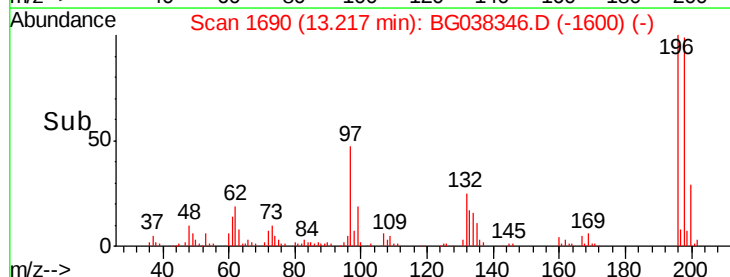
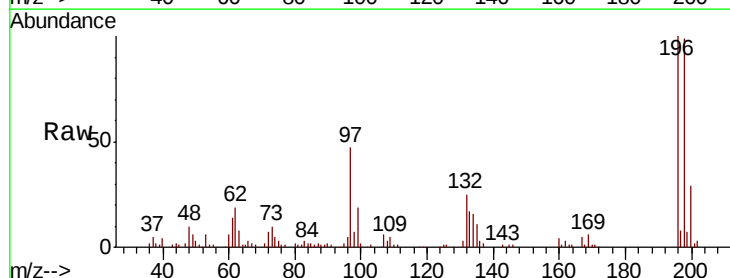
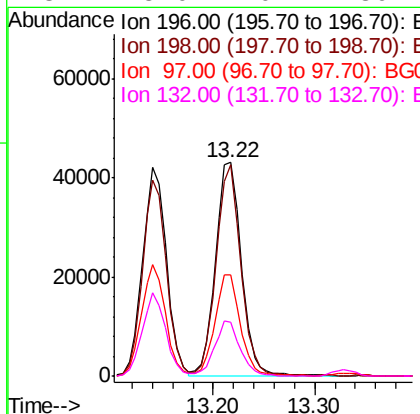
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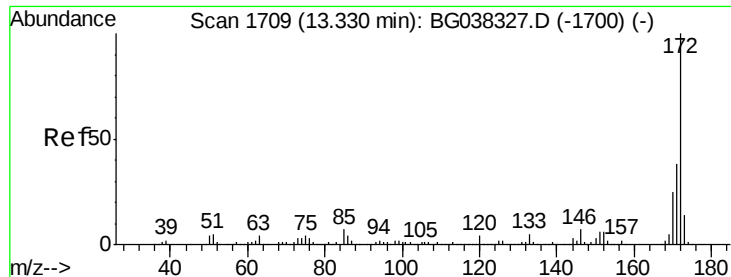
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#44
 2,4,5-Trichlorophenol
 Concen: 38.796 ng
 RT: 13.22 min Scan# 1690
 Delta R.T. -0.00 min
 Lab File: BG038346.D
 Acq: 5 Dec 2018 5:08

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	77014		
198	98.8	74.2	111.2	
97	47.5	34.1	51.1	
132	25.0	20.2	30.4	





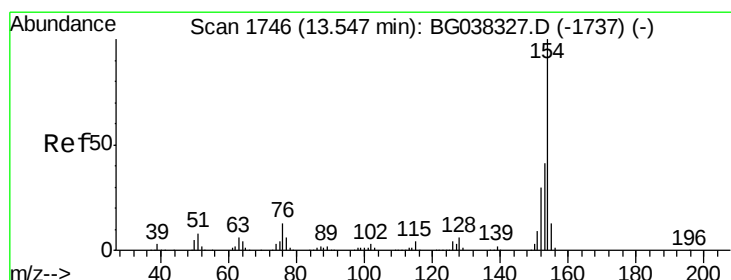
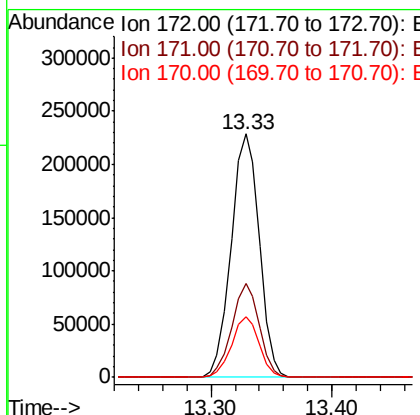
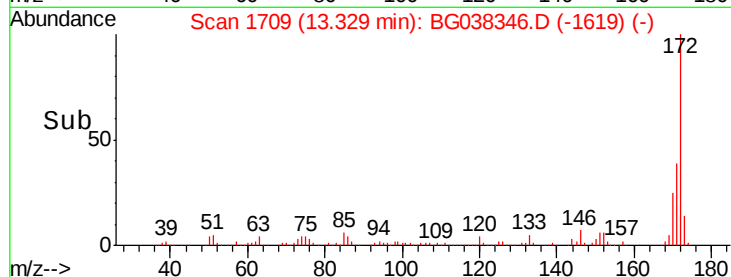
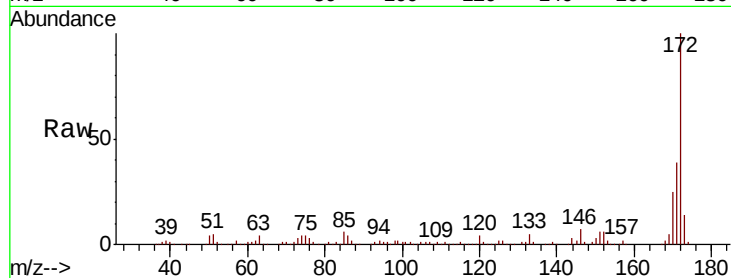
#45
2-Fluorobiphenyl
Concen: 62.819 ng
RT: 13.33 min Scan# 1709
Delta R.T. -0.00 min
Lab File: BG038346.D
Acq: 5 Dec 2018 5:08

Instrument :
BNA_G
ClientSampleId :
PB115253BS

Tot Ion	Ratio	Resp Lower	Upper
172	100		
171	38.5	31.0	46.4
170	25.0	20.2	30.2

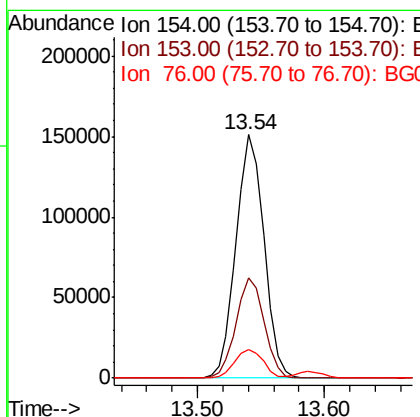
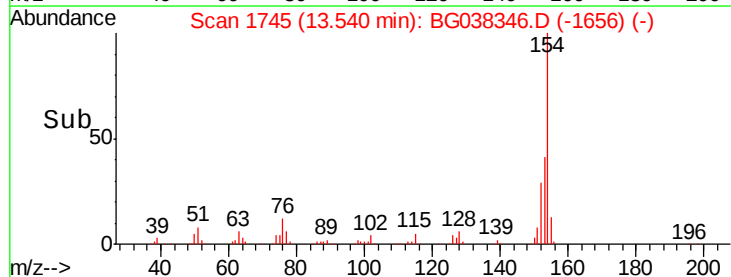
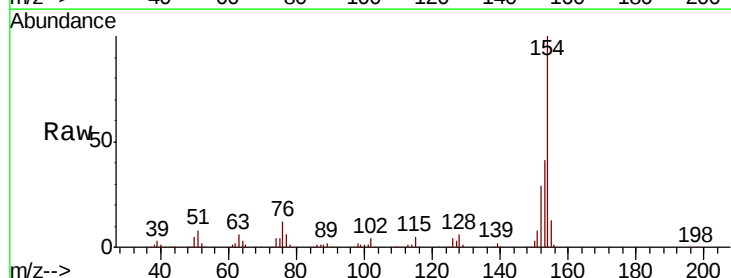
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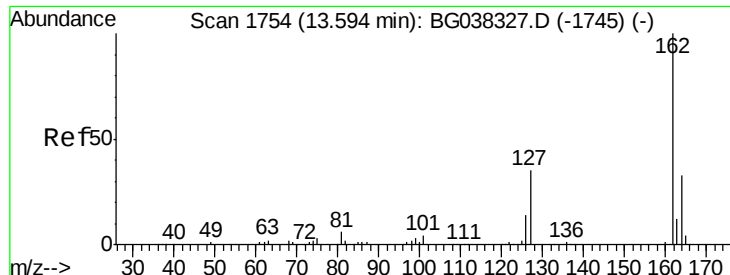
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#46
1,1'-Biphenyl
Concen: 32.462 ng
RT: 13.54 min Scan# 1745
Delta R.T. -0.01 min
Lab File: BG038346.D
Acq: 5 Dec 2018 5:08

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	41.0	22.1	62.1
76	11.9	0.0	33.2





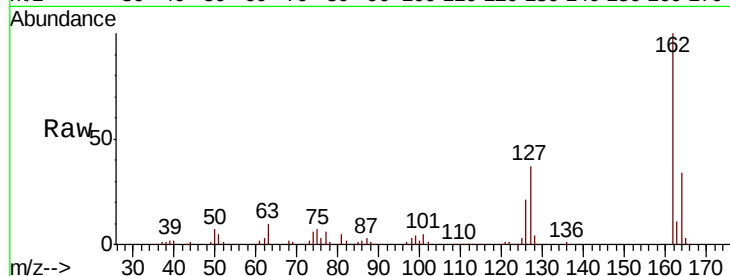
#47
 2-Chloronaphthalene
 Concen: 33.667 ng
 RT: 13.59 min Scan# 1754
 Delta R.T. -0.00 min
 Lab File: BG038346.D
 Acq: 5 Dec 2018 5:08

Instrument :
 BNA_G
 ClientSampleId :
 PB115253BS

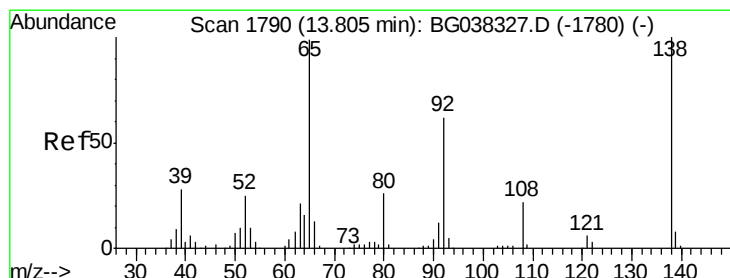
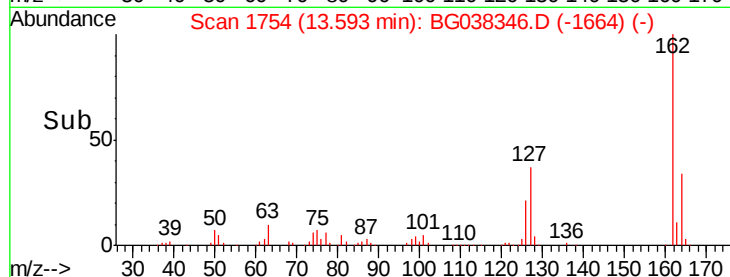
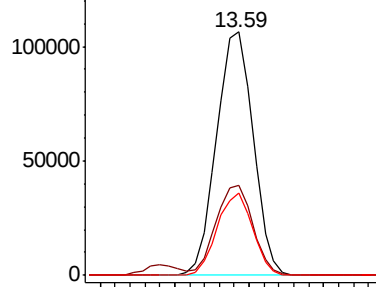
Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	36.9	30.5	45.7
164	33.8	26.4	39.6

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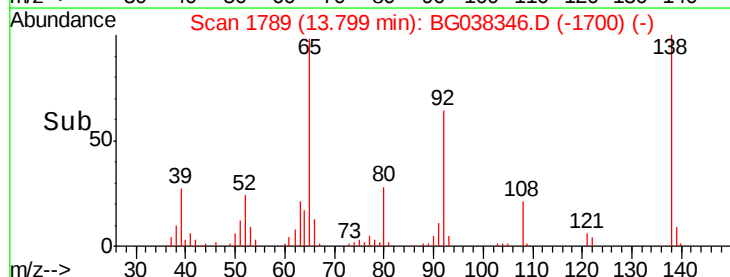
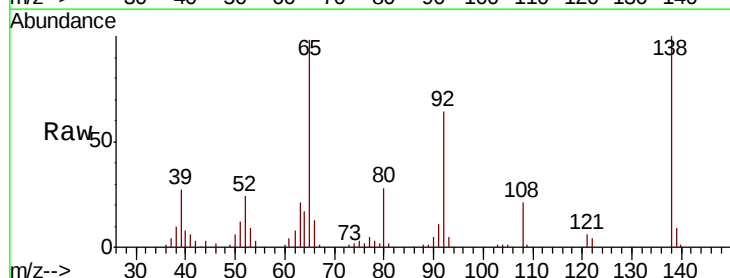
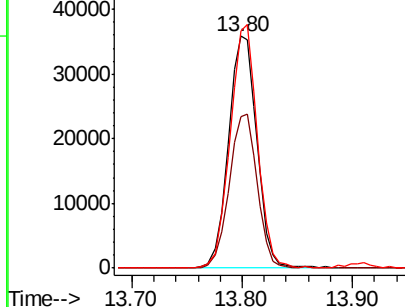
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

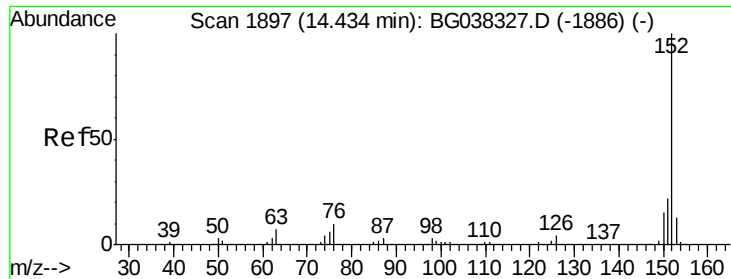


#48
 2-Nitroaniline
 Concen: 35.811 ng
 RT: 13.80 min Scan# 1789
 Delta R.T. -0.01 min
 Lab File: BG038346.D
 Acq: 5 Dec 2018 5:08

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	65.2	53.2	79.8
138	102.4	79.3	118.9

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





#49

Acenaphthylene

Concen: 37.751 ng

RT: 14.43 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BG038346.D

Acq: 5 Dec 2018 5:08

Instrument :

BNA_G

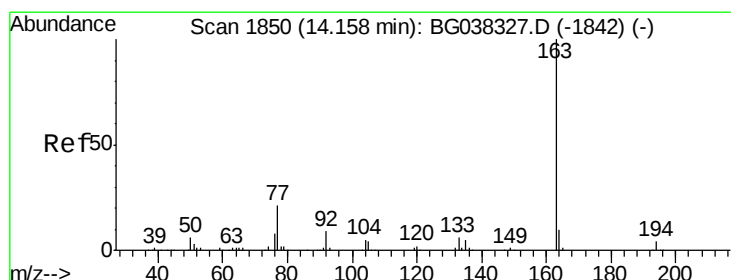
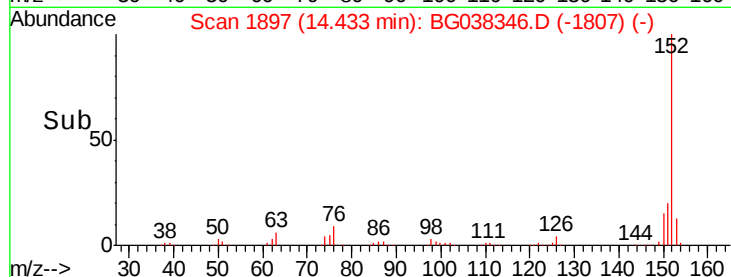
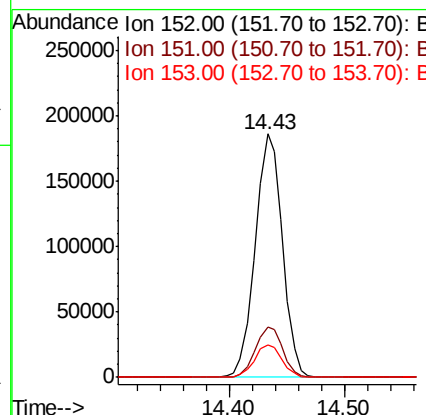
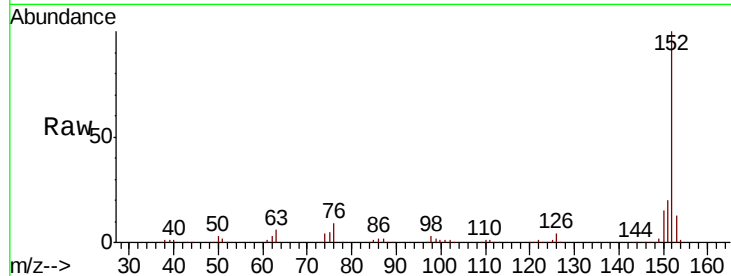
ClientSampleId :

PB115253BS

Tot Ion:	152	Resp:	304867
Ion Ratio	Lower	Upper	
152	100		
151	20.4	17.1	25.7
153	13.3	11.1	16.7

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#50

Dimethylphthalate

Concen: 37.131 ng

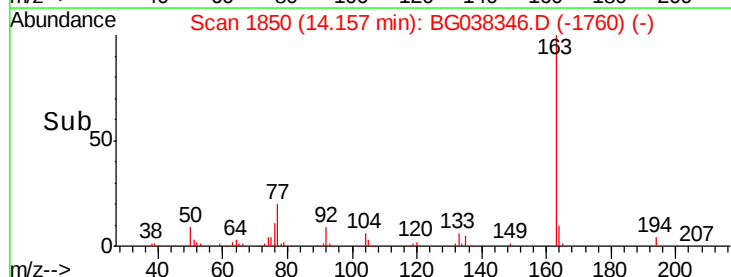
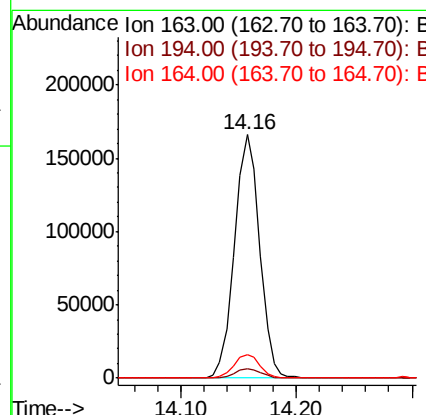
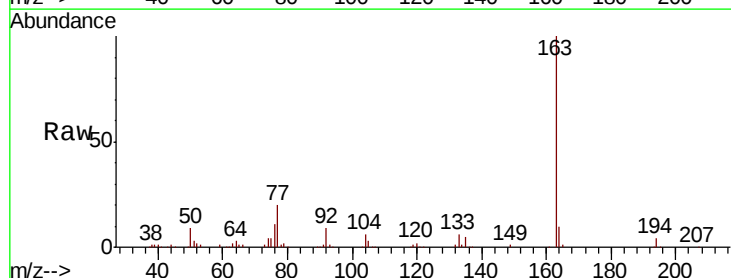
RT: 14.16 min Scan# 1850

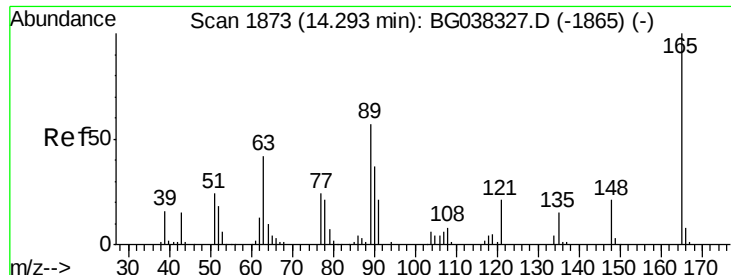
Delta R.T. -0.00 min

Lab File: BG038346.D

Acq: 5 Dec 2018 5:08

Tgt Ion:	163	Resp:	250366
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.5	5.3
164	9.9	8.5	12.7





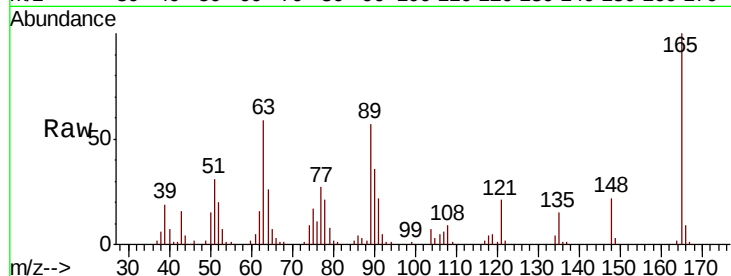
#51
 2,6-Dinitrotoluene
 Concen: 36.360 ng
 RT: 14.29 min Scan# 1873
 Delta R.T. -0.00 min
 Lab File: BG038346.D
 Acq: 5 Dec 2018 5:08

Instrument :
 BNA_G
 ClientSampleId :
 PB115253BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	58.7	43.4	65.2
89	57.4	45.8	68.6

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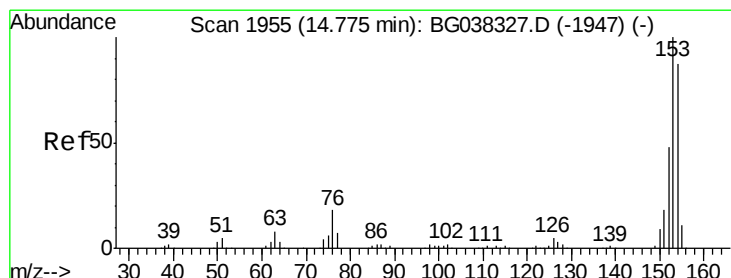
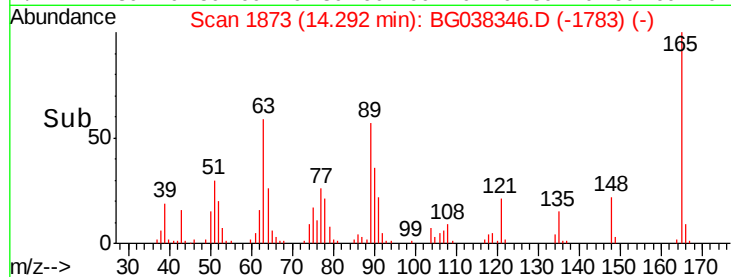
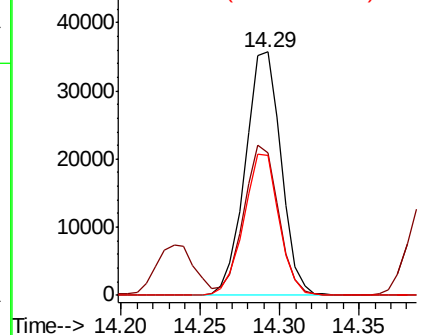


Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52
 Acenaphthene
 Concen: 35.314 ng
 RT: 14.77 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: BG038346.D
 Acq: 5 Dec 2018 5:08

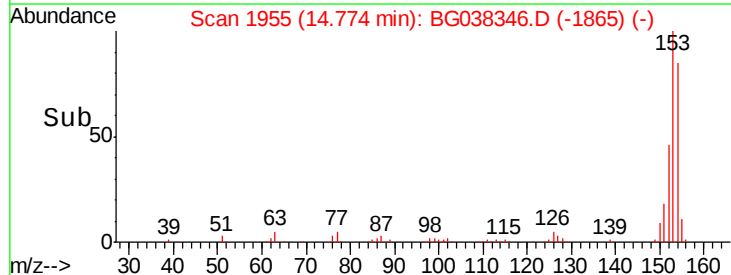
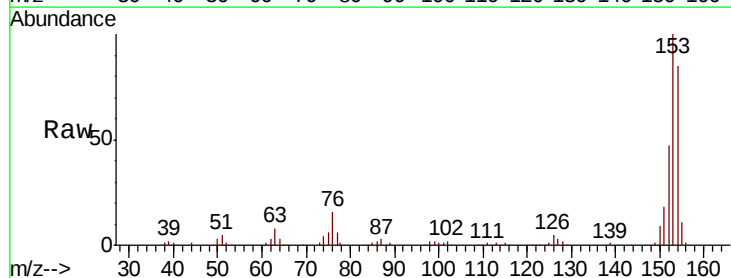
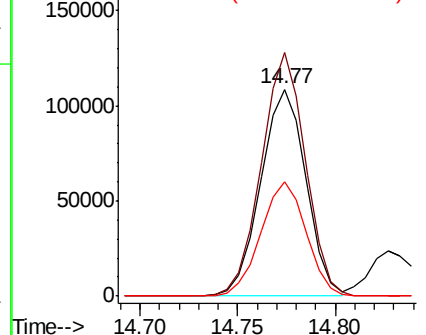
Tgt Ion	Ratio	Lower	Upper
154	100		
153	117.8	93.4	140.0
152	55.3	44.7	67.1

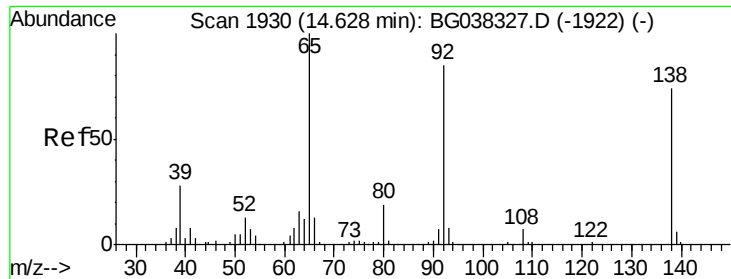
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





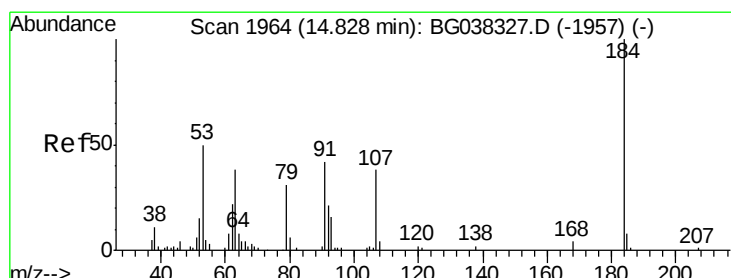
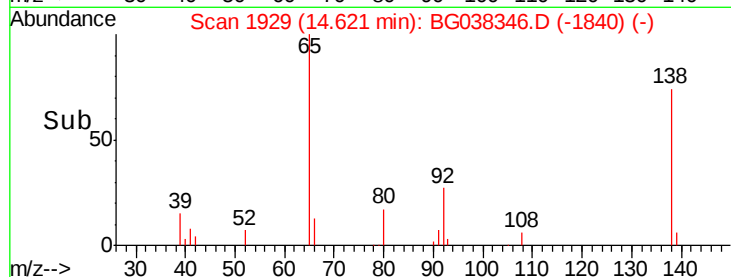
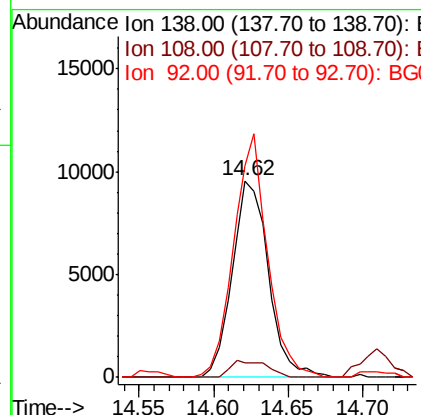
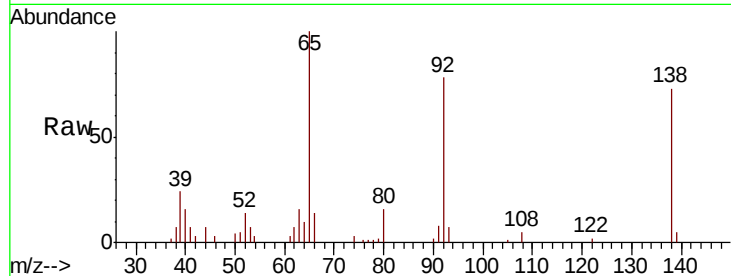
#53
3-Nitroaniline
Concen: 9.750 ng
RT: 14.62 min Scan# 1929
Delta R.T. -0.01 min
Lab File: BG038346.D
Acq: 5 Dec 2018 5:08

Instrument :
BNA_G
ClientSampleId :
PB115253BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	7.3	11.0	16.6#
92	107.5	95.2	142.8

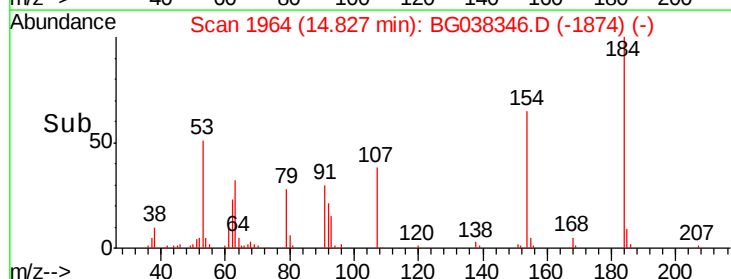
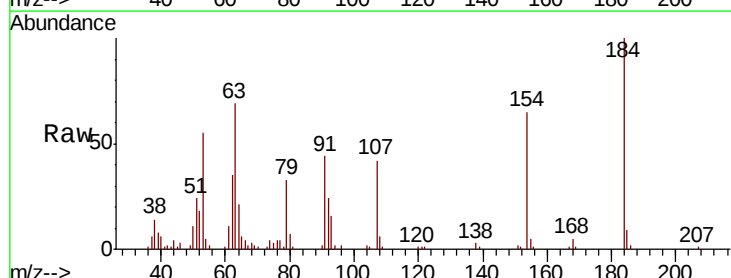
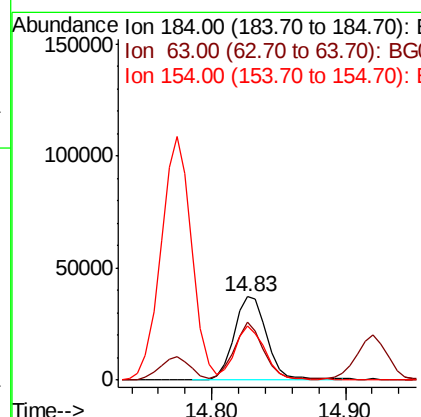
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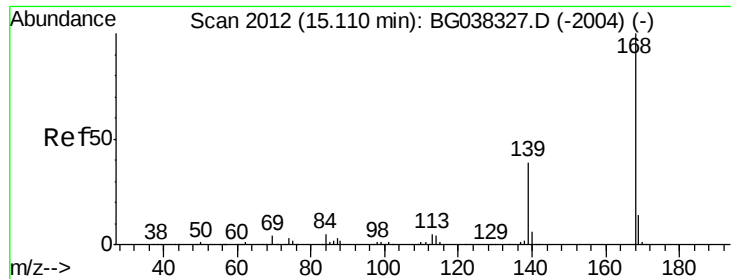
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#54
2,4-Dinitrophenol
Concen: 75.564 ng
RT: 14.83 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BG038346.D
Acq: 5 Dec 2018 5:08

Tgt Ion	Ratio	Lower	Upper
184	100		
63	69.0	42.6	63.8#
154	64.5	41.8	62.6#





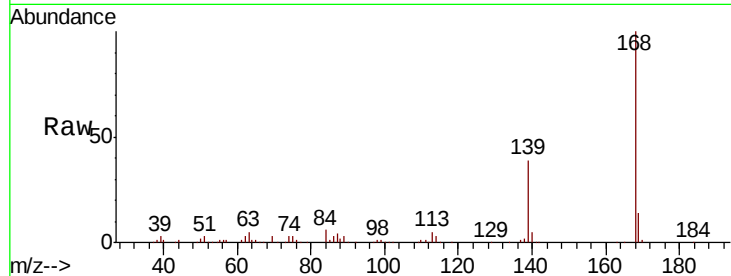
#55
Dibenzenofuran
Concen: 35.183 ng
RT: 15.11 min Scan# 1212
Delta R.T. -0.00 min
Lab File: BG038346.D
Acq: 5 Dec 2018 5:08

Instrument :
BNA_G
ClientSampleId :
PB115253BS

Tot Ion	Ratio	Resp	Lower	Upper
168	100	286360		
139	38.8		29.4	44.0
169	13.5		11.0	16.6

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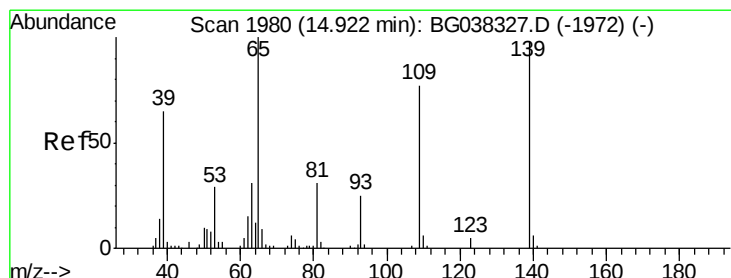
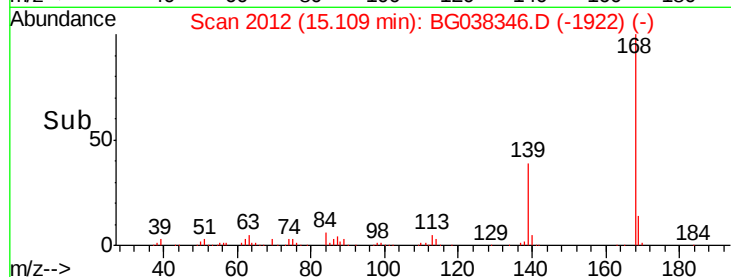
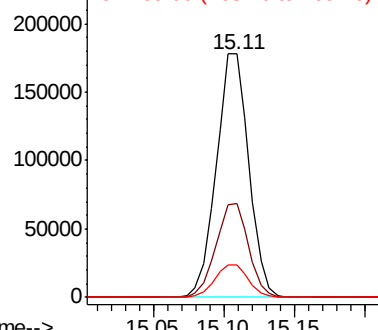


Abundance

Ion 168.00 (167.70 to 168.70): E

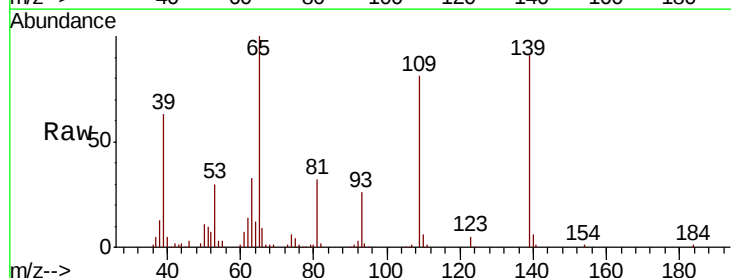
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 74.353 ng
RT: 14.92 min Scan# 1980
Delta R.T. -0.00 min
Lab File: BG038346.D
Acq: 5 Dec 2018 5:08

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	97431		
109	89.6		49.5	89.5#
65	110.0		76.8	116.8

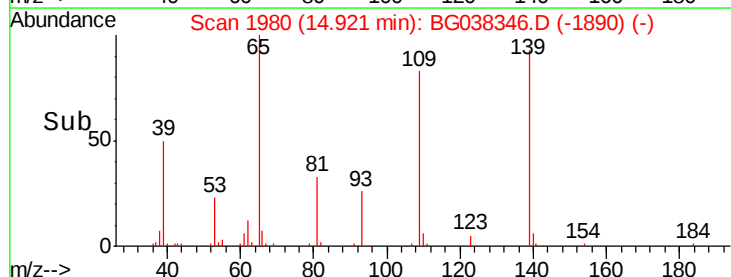
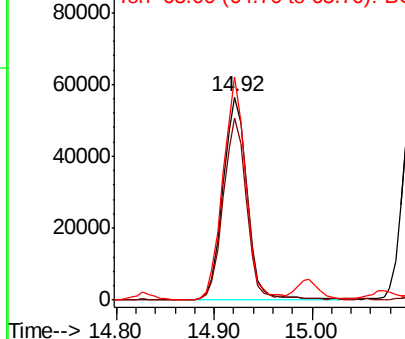


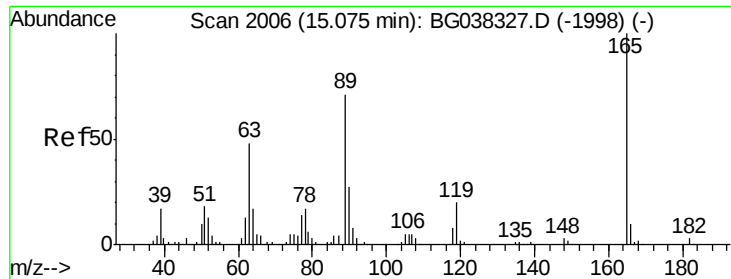
Abundance

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): BGC





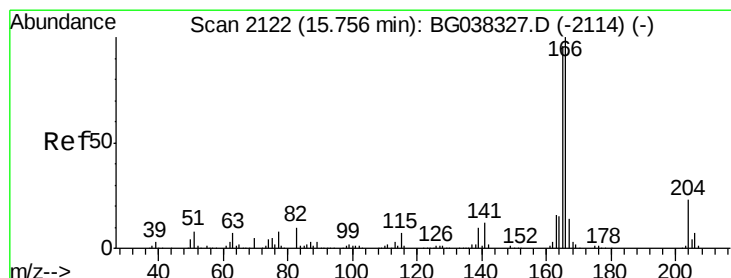
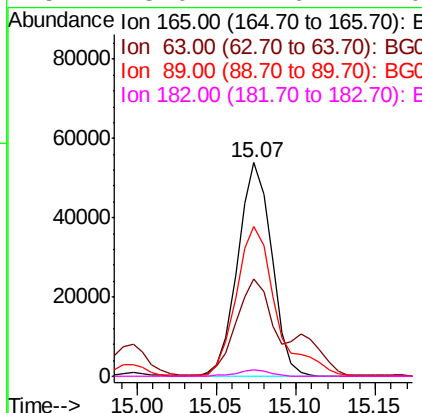
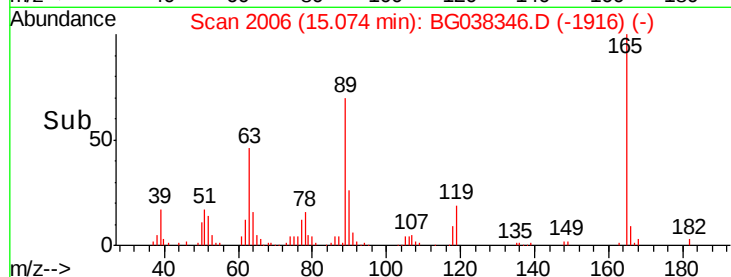
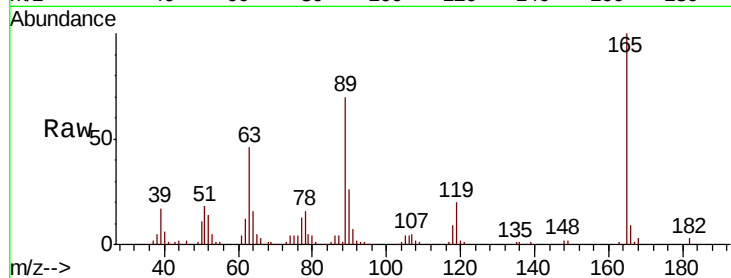
#57
2,4-Dinitrotoluene
Concen: 37.702 ng
RT: 15.07 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BG038346.D
Acq: 5 Dec 2018 5:08

Instrument :
BNA_G
ClientSampleId :
PB115253BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	45.8	33.4	50.0
89	70.1	57.2	85.8
182	3.0	2.6	4.0

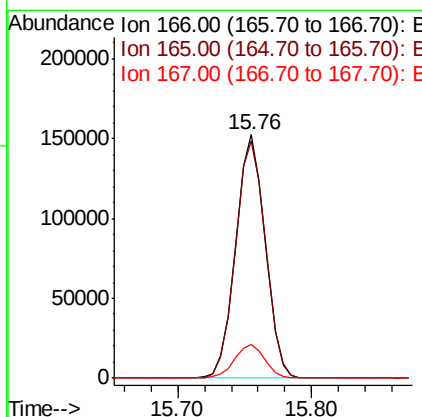
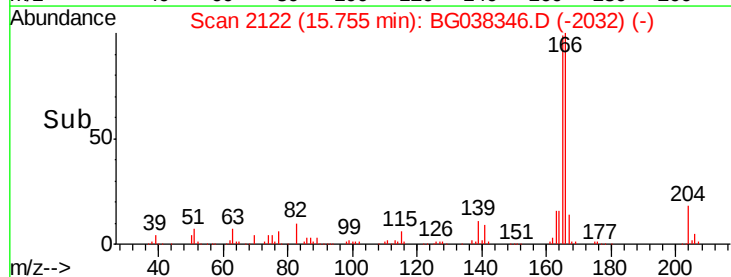
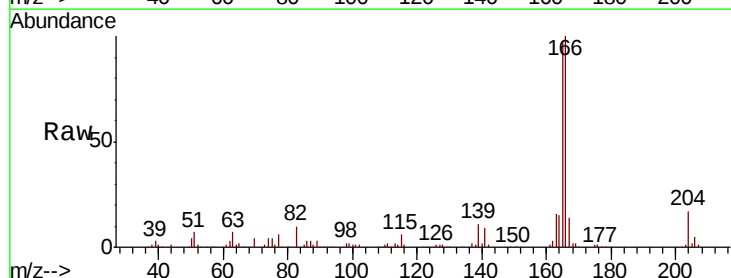
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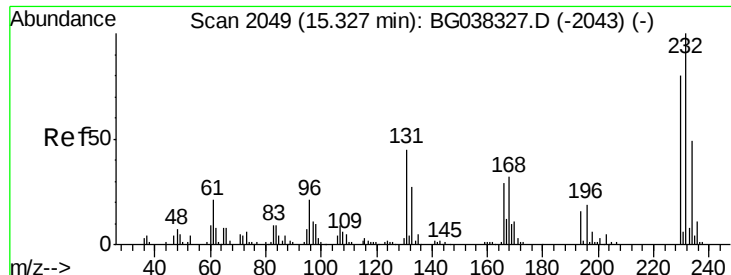
mohammad
12/6/2018 9:32:44 AM



#58
Fluorene
Concen: 38.839 ng
RT: 15.76 min Scan# 2122
Delta R.T. -0.00 min
Lab File: BG038346.D
Acq: 5 Dec 2018 5:08

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.4	79.0	118.6
167	14.0	11.3	16.9





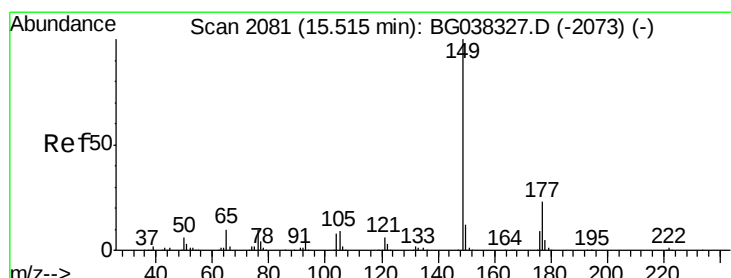
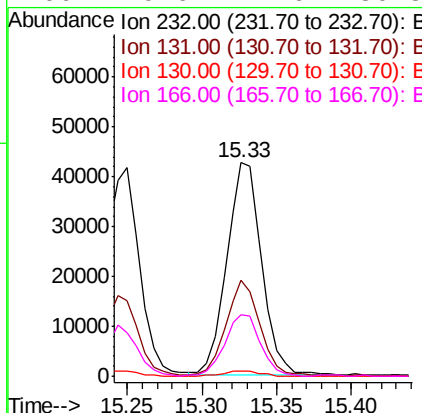
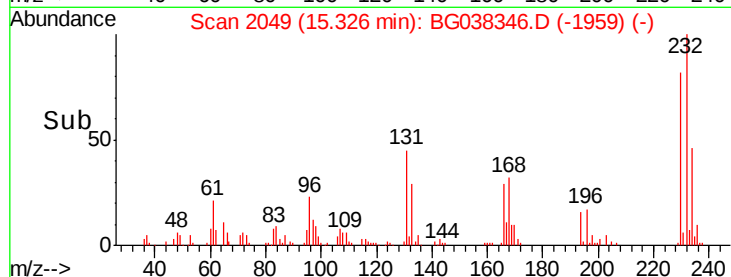
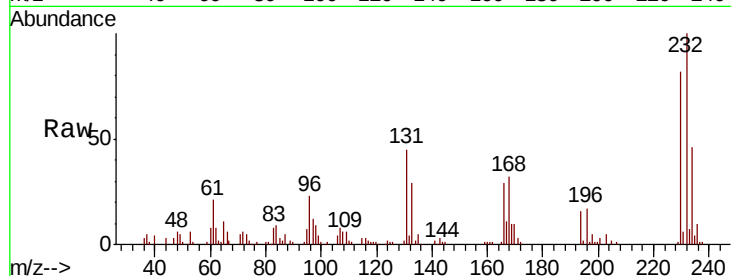
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.496 ng
 RT: 15.33 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: BG038346.D
 Acq: 5 Dec 2018 5:08

Instrument :
 BNA_G
 ClientSampleId :
 PB115253BS

Tot Ion:	232	Resp:	69819
Ion Ratio	Lower	Upper	
232	100		
131	44.8	33.7	50.5
130	2.5	2.1	3.1
166	29.6	24.6	36.8

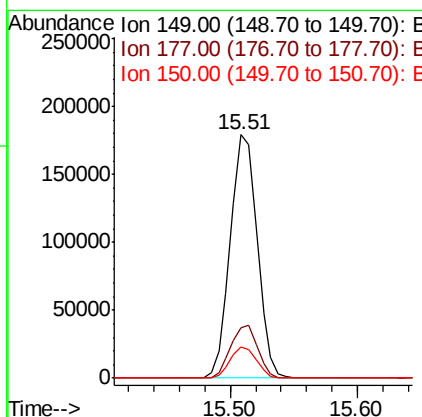
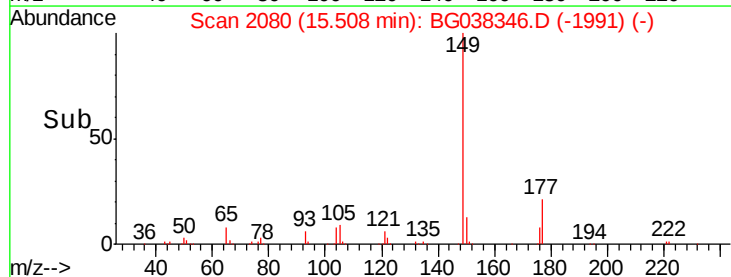
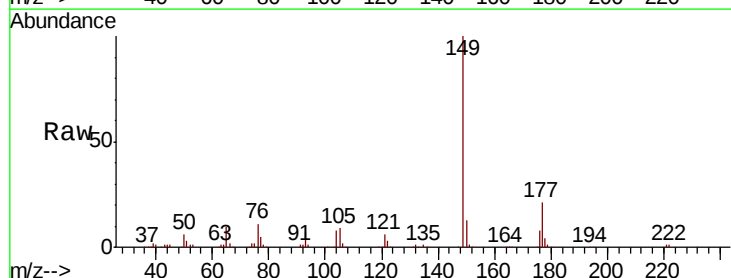
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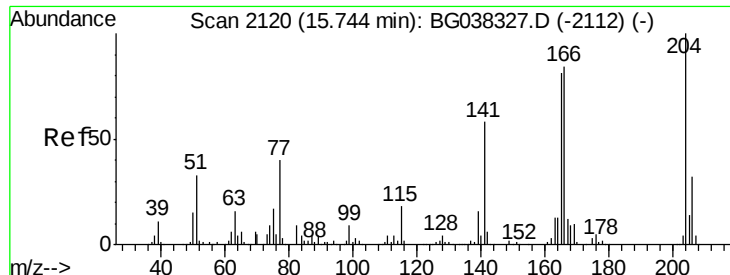
mohammad
 12/6/2018 9:32:44 AM



#60
 Diethylphthalate
 Concen: 35.195 ng
 RT: 15.51 min Scan# 2080
 Delta R.T. -0.01 min
 Lab File: BG038346.D
 Acq: 5 Dec 2018 5:08

Tgt Ion:	149	Resp:	262915
Ion Ratio	Lower	Upper	
149	100		
177	20.9	18.3	27.5
150	13.0	10.0	15.0





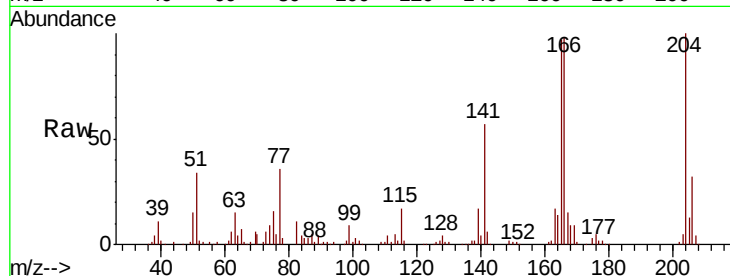
#61
4-Chlorophenyl-phenylether
Concen: 34.557 ng
RT: 15.74 min Scan# 2120
Delta R.T. -0.00 min
Lab File: BG038346.D
Acq: 5 Dec 2018 5:08

Instrument :
BNA_G
ClientSampleId :
PB115253BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.7	26.6	39.8
141	56.8	45.4	68.2

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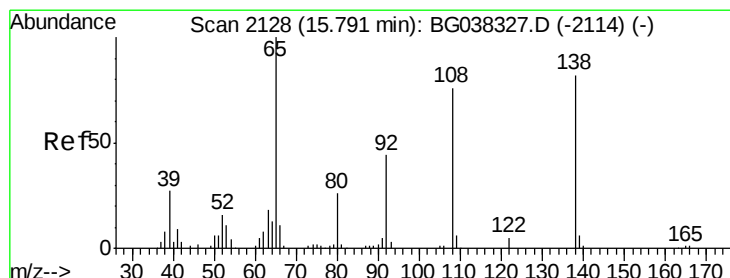
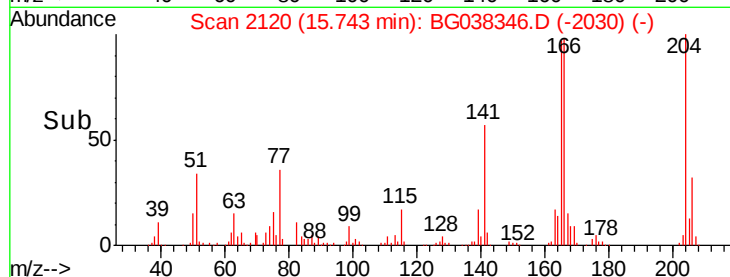
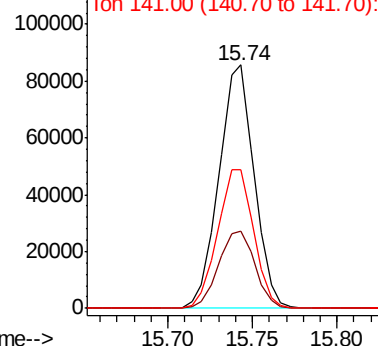


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 35.597 ng
RT: 15.79 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BG038346.D
Acq: 5 Dec 2018 5:08

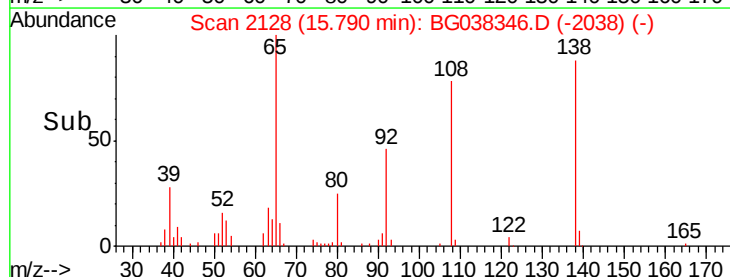
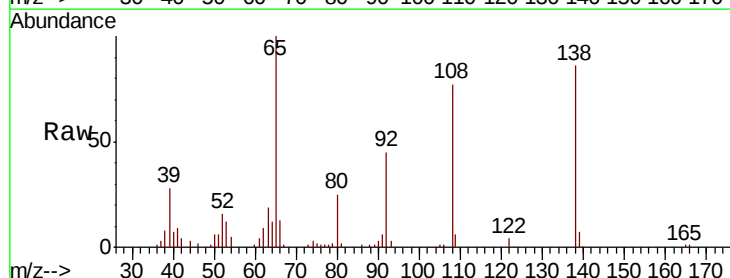
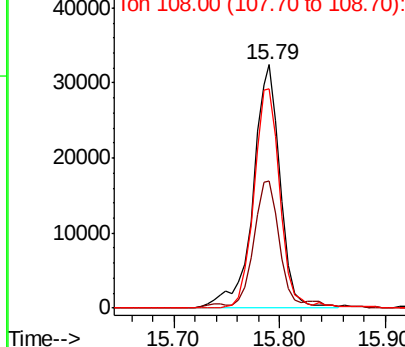
Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.2	36.4	76.4
108	90.2	60.1	100.1

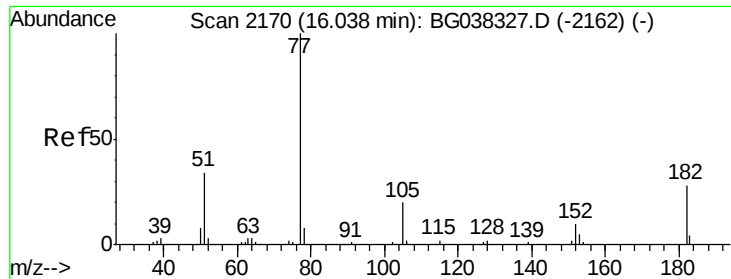
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 35.932 ng

RT: 16.03 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BG038346.D

Acq: 5 Dec 2018 5:08

Instrument :

BNA_G

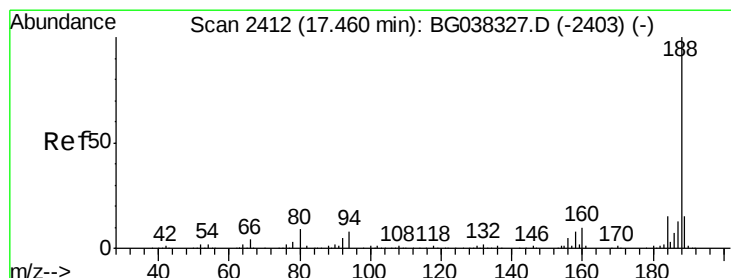
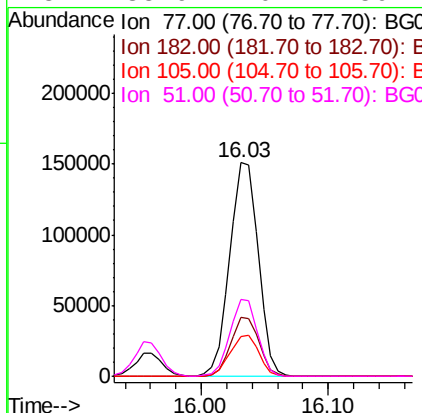
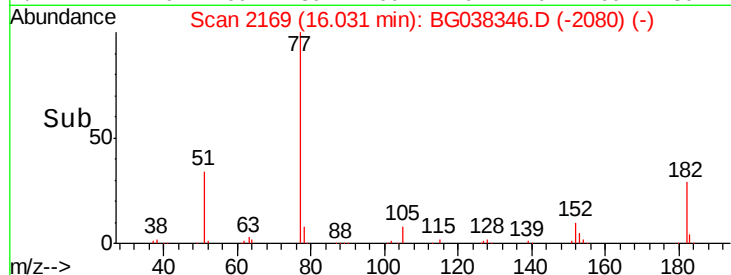
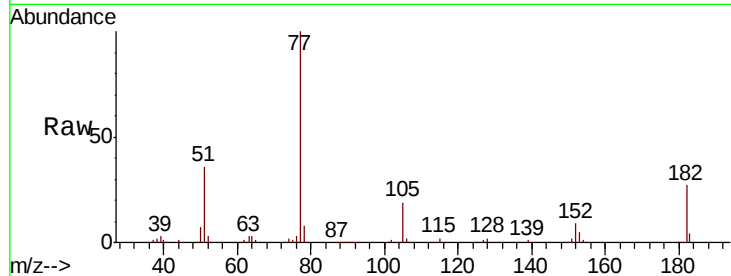
ClientSampleId :

PB115253BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.3	8.0	48.0
105	18.9	1.3	41.3
51	35.9	10.7	50.7

Manual Integrations
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#64

Phenanthrene-d10

Concen: 20.000 ng

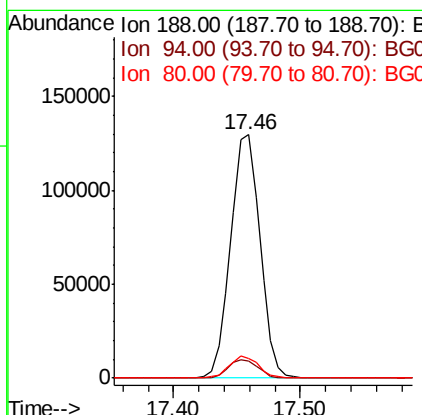
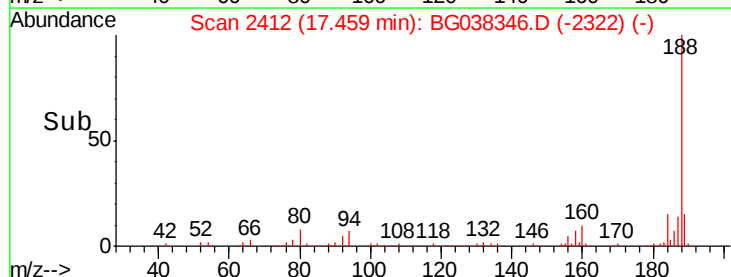
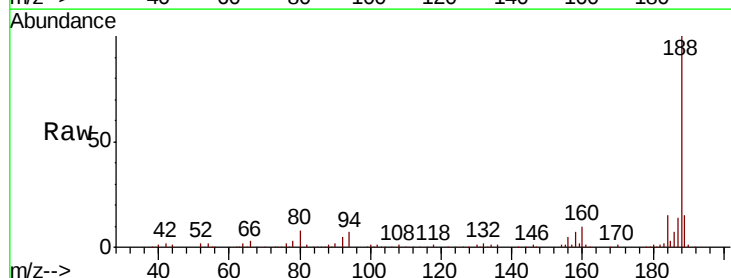
RT: 17.46 min Scan# 2412

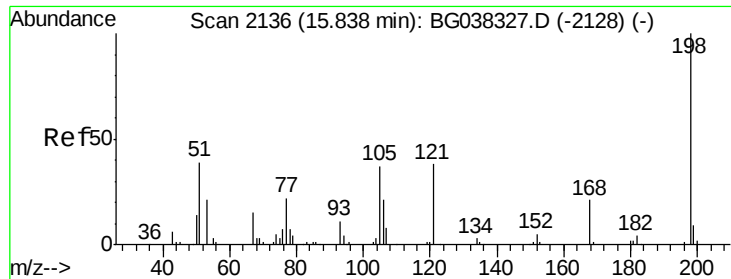
Delta R.T. -0.00 min

Lab File: BG038346.D

Acq: 5 Dec 2018 5:08

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.1	7.2	10.8#
80	8.1	7.7	11.5





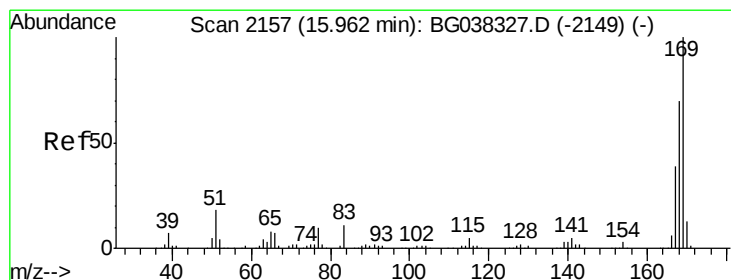
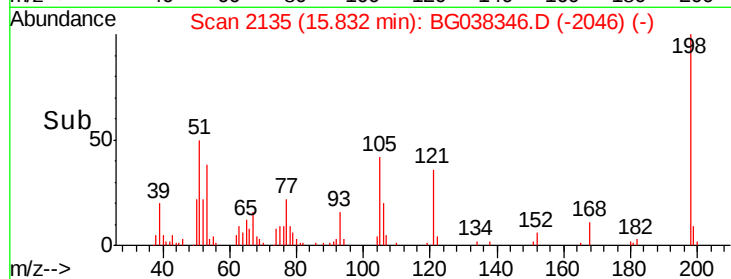
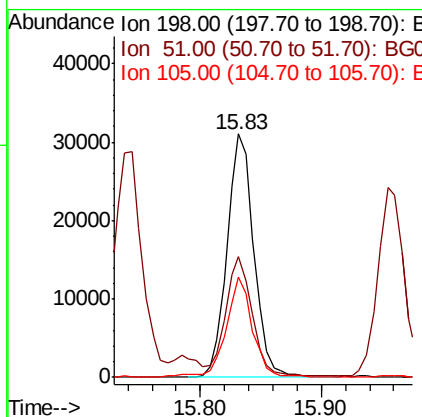
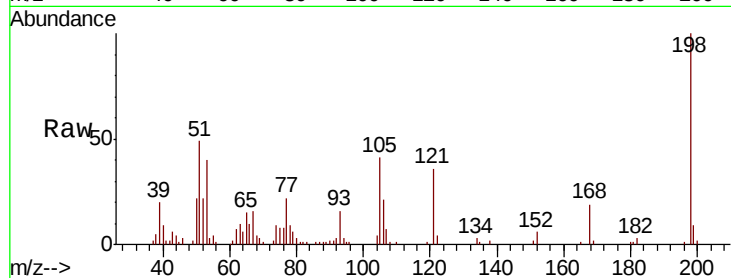
#65
4,6-Dinitro-2-methylphenol
Concen: 35.280 ng
RT: 15.83 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BG038346.D
Acq: 5 Dec 2018 5:08

Instrument :
BNA_G
ClientSampleId :
PB115253BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	48013		
51	49.4		22.7	62.7
105	41.0		19.7	59.7

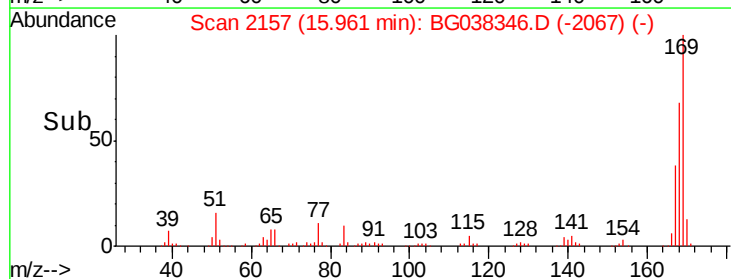
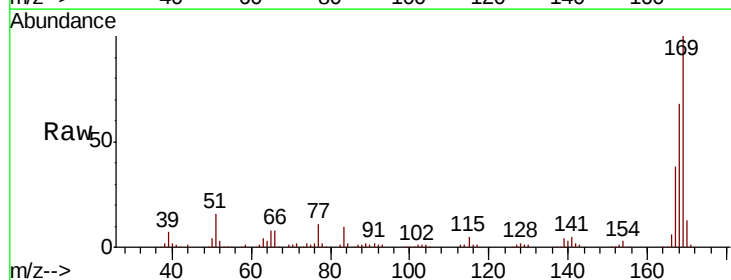
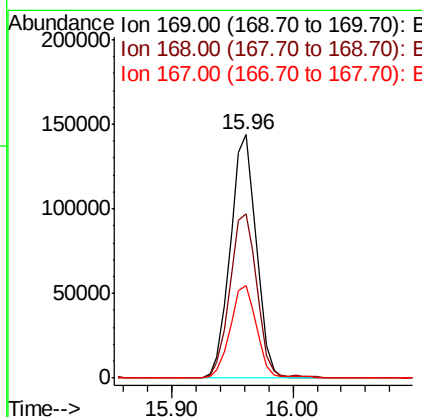
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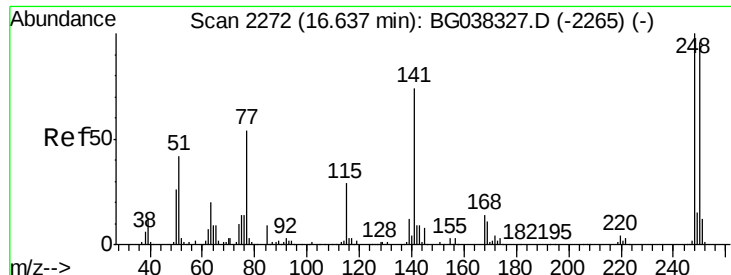
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 36.937 ng
RT: 15.96 min Scan# 2157
Delta R.T. -0.00 min
Lab File: BG038346.D
Acq: 5 Dec 2018 5:08

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	215742		
168	67.6		55.7	83.5
167	38.0		31.3	46.9





#67

4-Bromophenyl-phenylether

Concen: 36.264 ng

RT: 16.64 min Scan# 2272

Delta R.T. -0.00 min

Lab File: BG038346.D

Acq: 5 Dec 2018 5:08

Instrument :

BNA_G

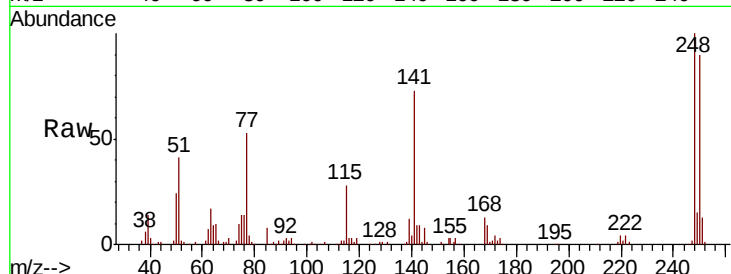
ClientSampleId :

PB115253BS

Tot Ion:	248	Resp:	81341
Ion Ratio	Lower	Upper	
248	100		
250	90.2	77.0	115.6
141	72.8	55.5	83.3

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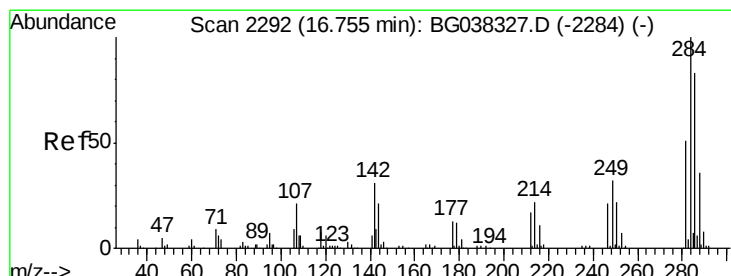
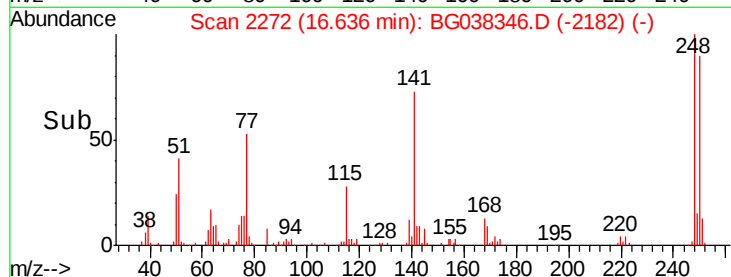
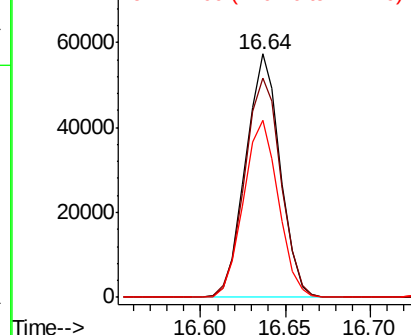


Abundance

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: 36.385 ng

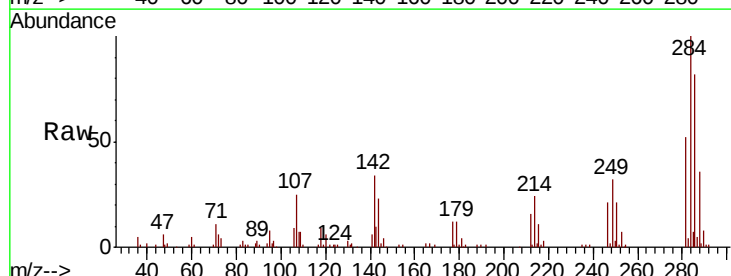
RT: 16.75 min Scan# 2291

Delta R.T. -0.01 min

Lab File: BG038346.D

Acq: 5 Dec 2018 5:08

Tgt Ion:	284	Resp:	84179
Ion Ratio	Lower	Upper	
284	100		
142	34.4	28.1	42.1
249	34.5	29.8	44.8

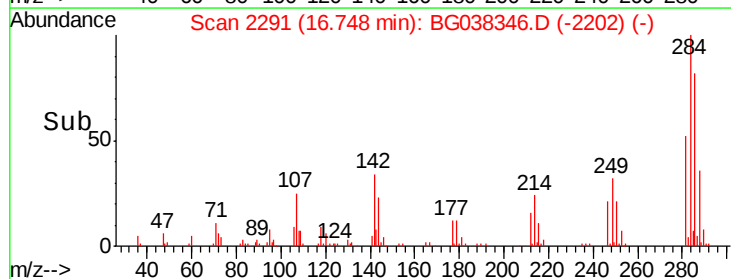
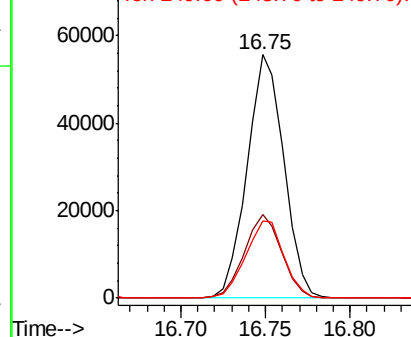


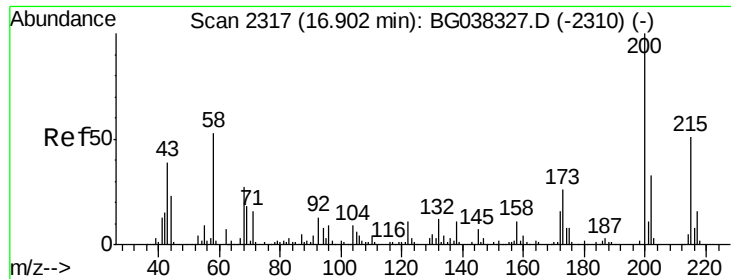
Abundance

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





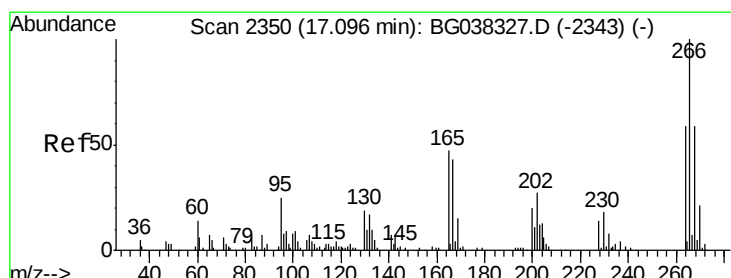
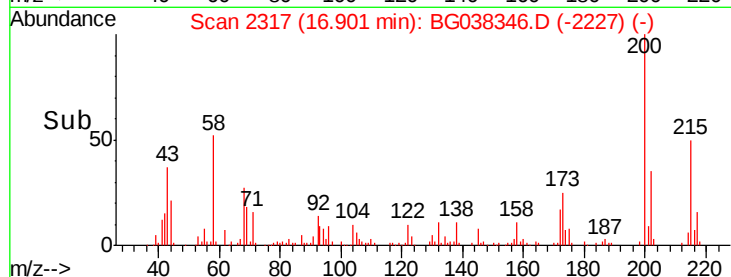
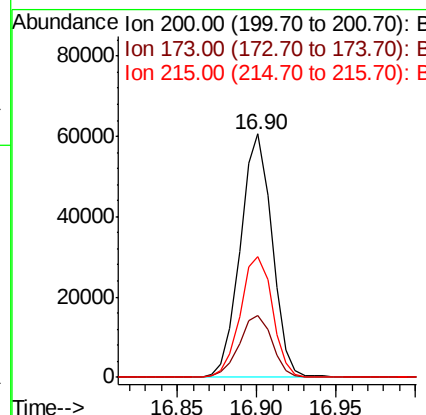
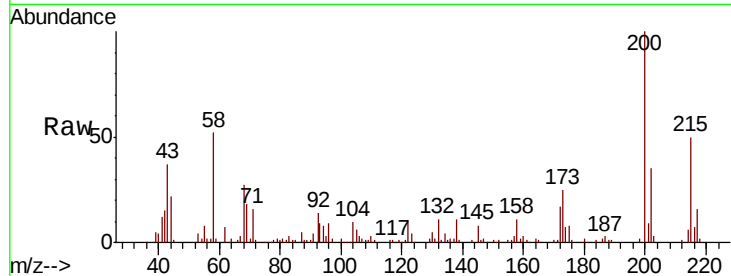
#69
Atrazine
Concen: 38.649 ng
RT: 16.90 min Scan# 2317
Delta R.T. -0.00 min
Lab File: BG038346.D
Acq: 5 Dec 2018 5:08

Instrument :
BNA_G
ClientSampleId :
PB115253BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.2	6.1	46.1
215	49.8	30.8	70.8

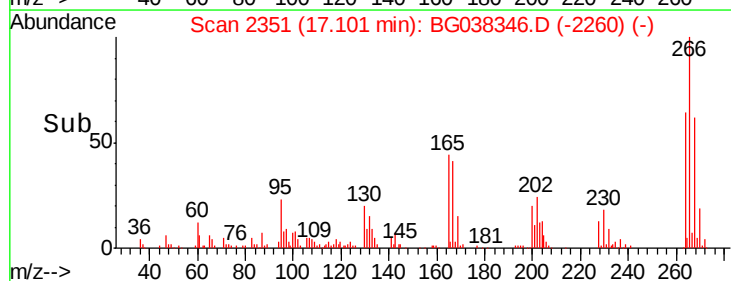
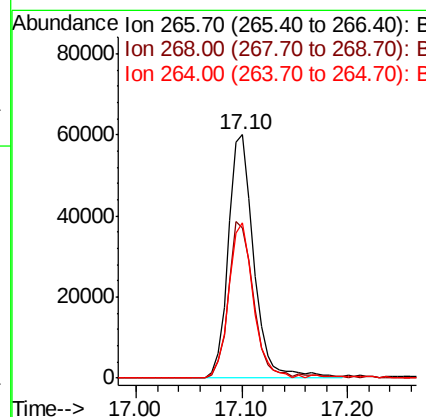
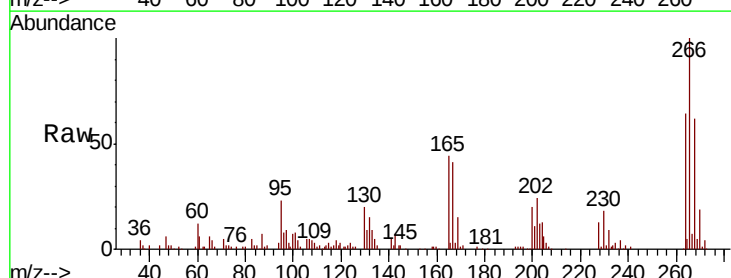
Manual Integrations
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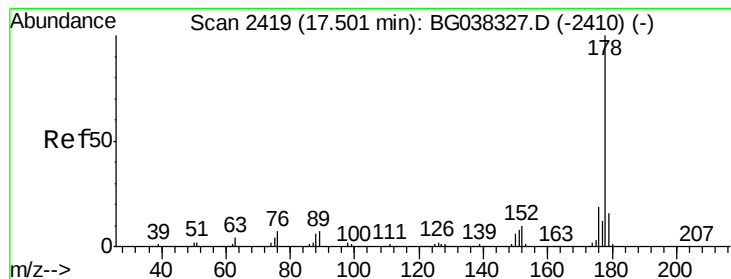
mohammad
12/6/2018 9:32:44 AM



#70
Pentachlorophenol
Concen: 63.516 ng
RT: 17.10 min Scan# 2351
Delta R.T. 0.00 min
Lab File: BG038346.D
Acq: 5 Dec 2018 5:08

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.5	55.0	82.6
264	68.8	58.9	88.3





#71

Phenanthrene

Concen: 38.831 ng

RT: 17.50 min Scan# 2419

Delta R.T. -0.00 min

Lab File: BG038346.D

Acq: 5 Dec 2018 5:08

Instrument :

BNA_G

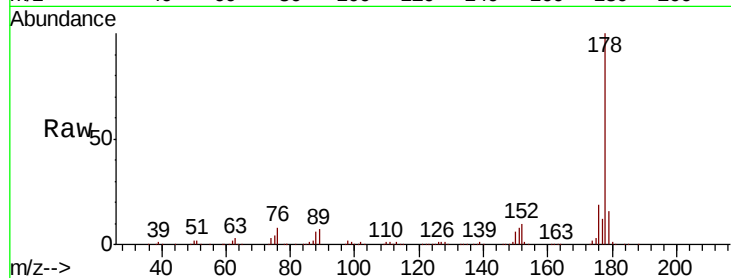
ClientSampleId :

PB115253BS

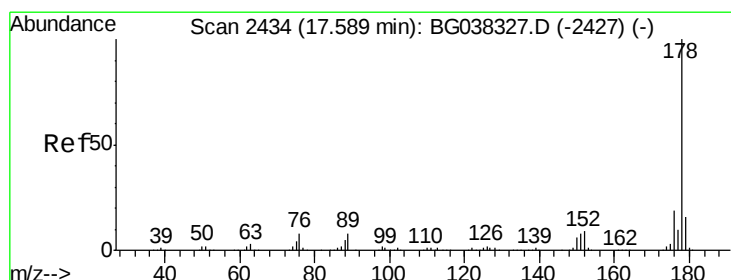
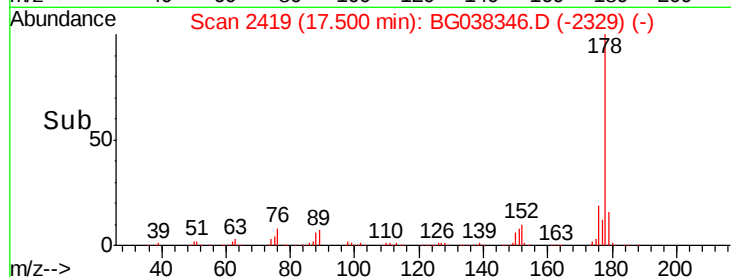
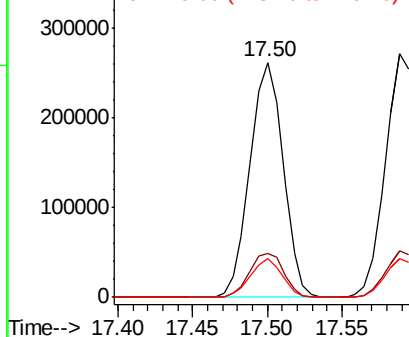
Tot Ion:	178	Resp:	403918
Ion Ratio	Lower	Upper	
178	100		
176	18.8	16.1	24.1
179	16.3	13.0	19.4

Manual Integrations
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 41.546 ng

RT: 17.59 min Scan# 2434

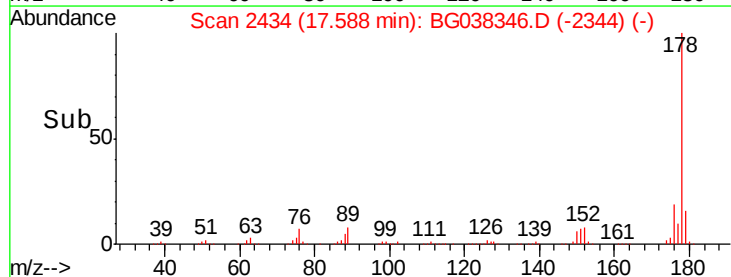
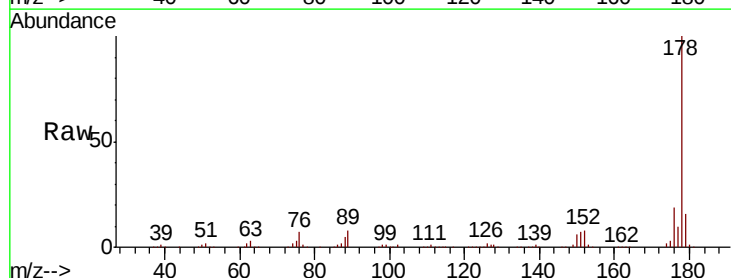
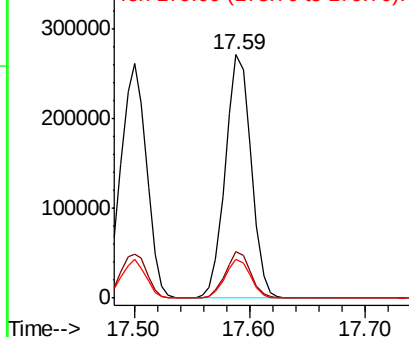
Delta R.T. -0.00 min

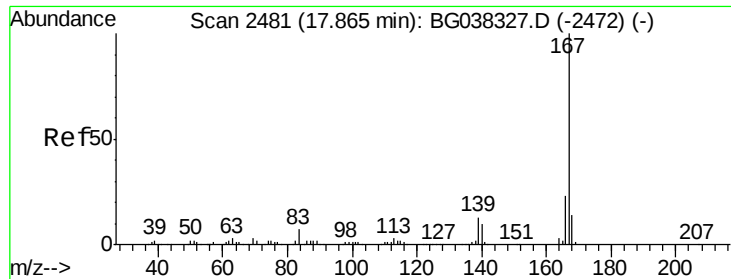
Lab File: BG038346.D

Acq: 5 Dec 2018 5:08

Tgt Ion:	178	Resp:	418505
Ion Ratio	Lower	Upper	
178	100		
176	19.2	15.0	22.4
179	15.9	12.8	19.2

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





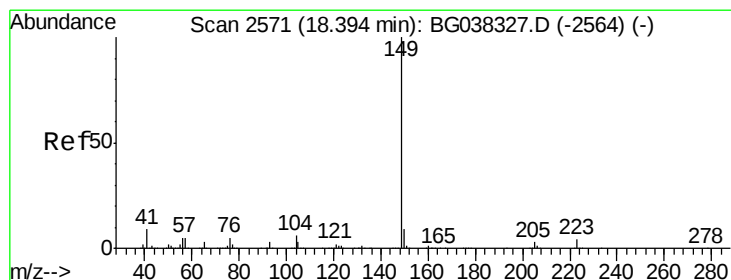
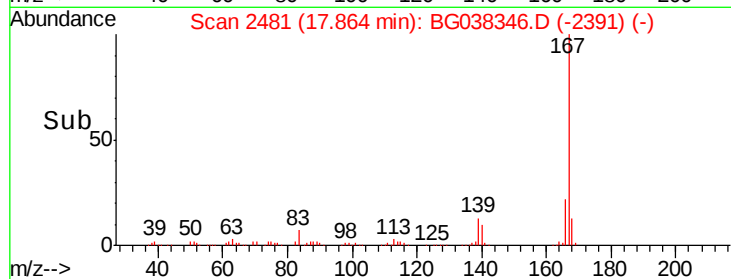
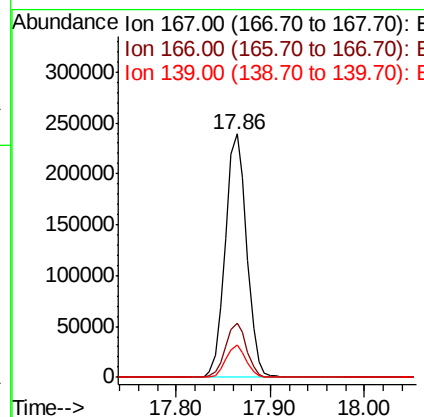
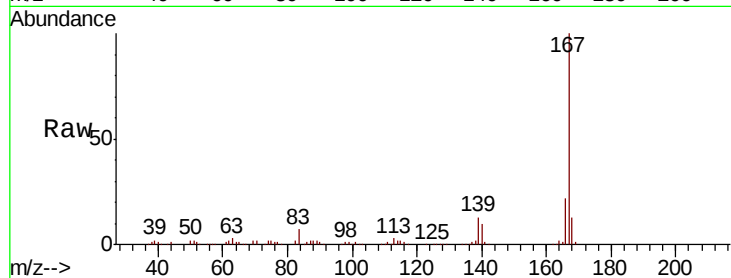
#73
 Carbazole
 Concen: 38.046 ng
 RT: 17.86 min Scan# 2481
 Delta R.T. -0.00 min
 Lab File: BG038346.D
 Acq: 5 Dec 2018 5:08

Instrument :
 BNA_G
 ClientSampleId :
 PB115253BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.3	27.5
139	13.2	10.5	15.7

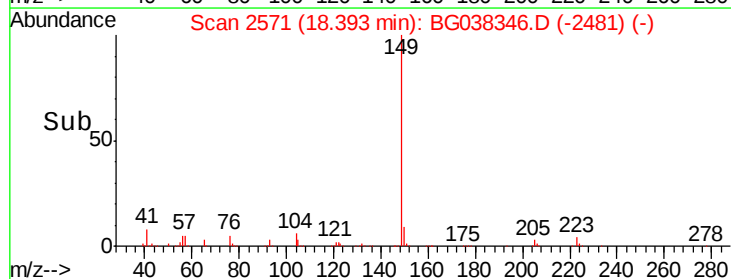
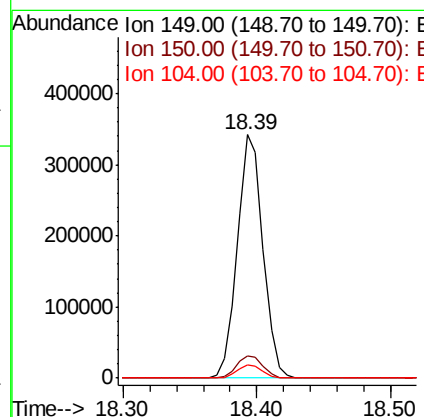
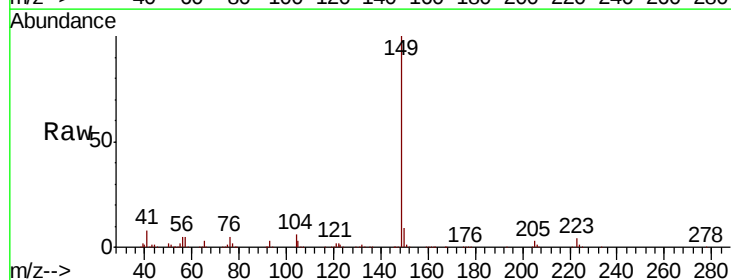
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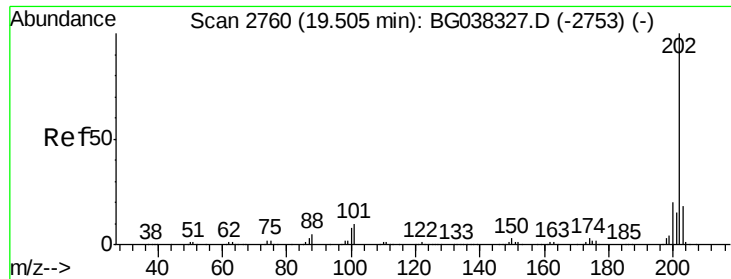
mohammad
 12/6/2018 9:32:44 AM



#74
 Di-n-butylphthalate
 Concen: 39.078 ng
 RT: 18.39 min Scan# 2571
 Delta R.T. -0.00 min
 Lab File: BG038346.D
 Acq: 5 Dec 2018 5:08

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	8.2	12.2
104	5.6	4.0	6.0





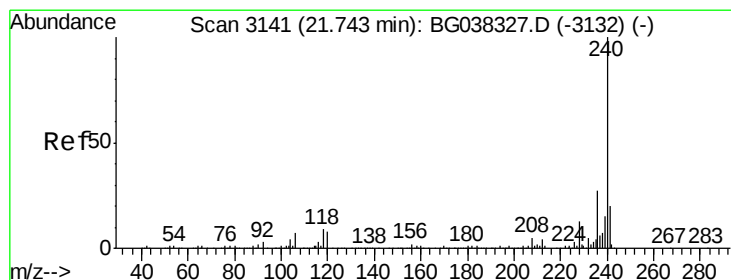
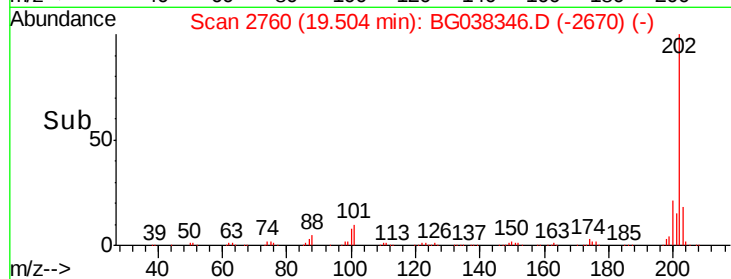
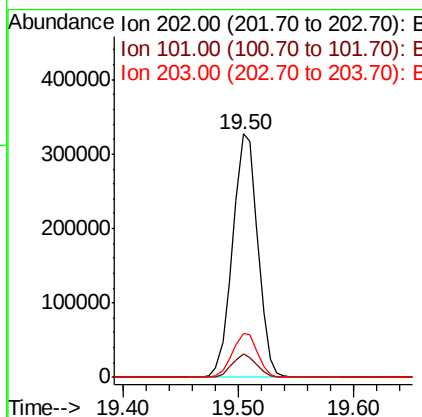
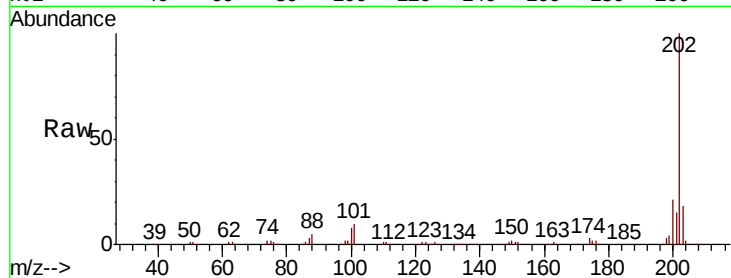
#75
 Fluoranthene
 Concen: 40.409 ng
 RT: 19.50 min Scan# 2760
 Delta R.T. -0.00 min
 Lab File: BG038346.D
 Acq: 5 Dec 2018 5:08

Instrument :
 BNA_G
 ClientSampleId :
 PB115253BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.5	0.0	30.7
203	18.0	0.0	38.5

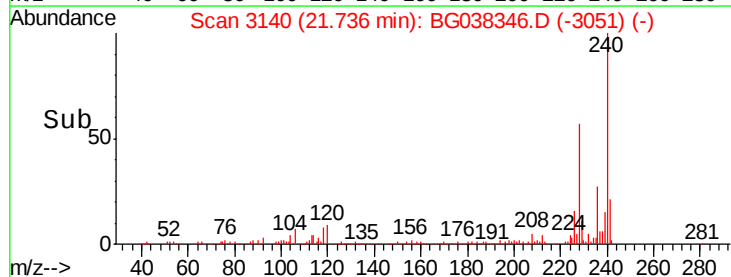
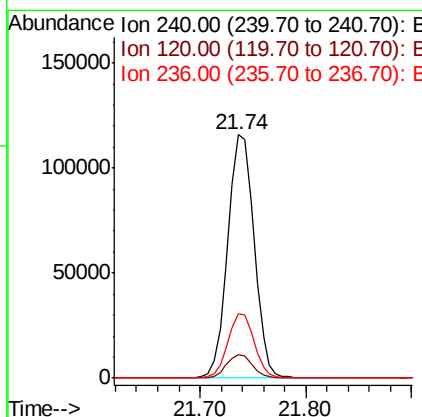
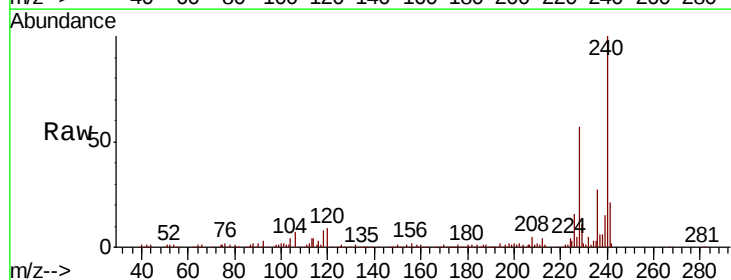
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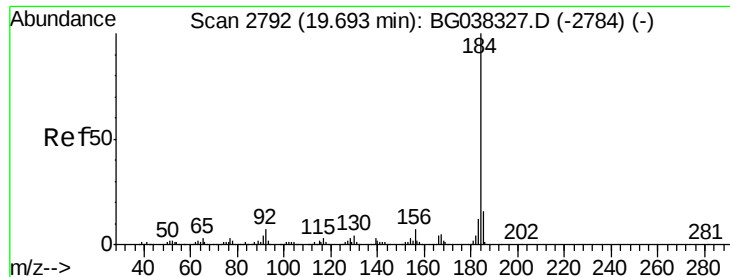
mohammad
 12/6/2018 9:32:44 AM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.74 min Scan# 3140
 Delta R.T. -0.01 min
 Lab File: BG038346.D
 Acq: 5 Dec 2018 5:08

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	9.5	8.1	12.1
236	26.5	21.4	32.0





#77

Benzidine

Concen: 13.020 ng

RT: 19.69 min Scan# 2792

Delta R.T. -0.00 min

Lab File: BG038346.D

Acq: 5 Dec 2018 5:08

Instrument :

BNA_G

ClientSampleId :

PB115253BS

Tot Ion:184 Resp: 87770

Ion Ratio Lower Upper

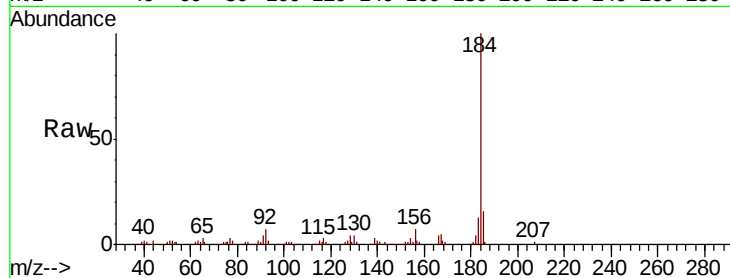
184 100

185 15.5 12.6 18.8

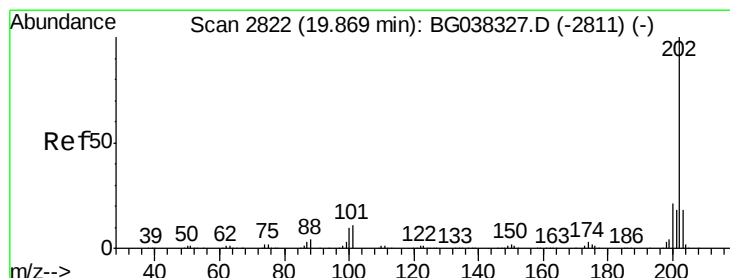
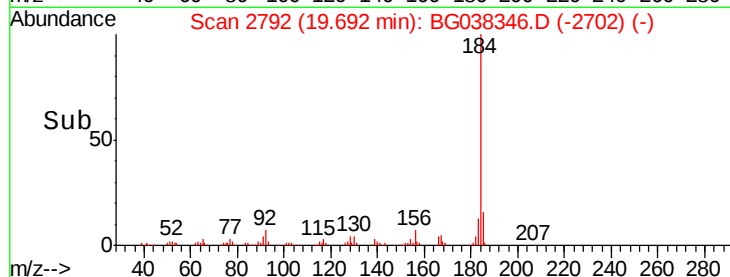
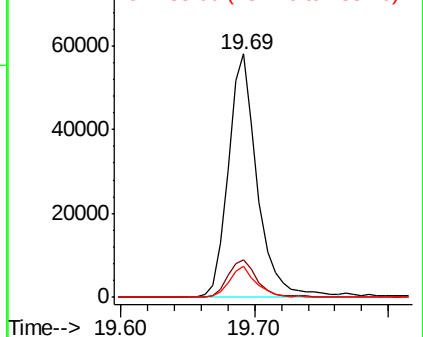
183 12.6 10.2 15.2

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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: 35.816 ng

RT: 19.87 min Scan# 2822

Delta R.T. -0.00 min

Lab File: BG038346.D

Acq: 5 Dec 2018 5:08

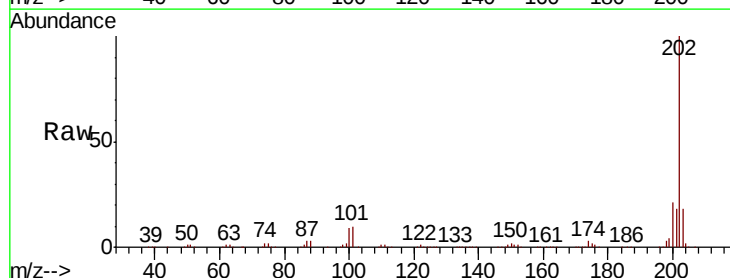
Tgt Ion:202 Resp: 500599

Ion Ratio Lower Upper

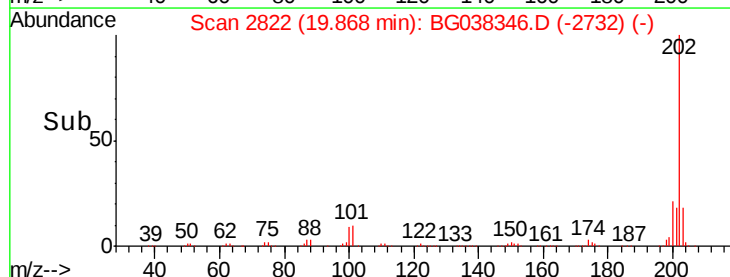
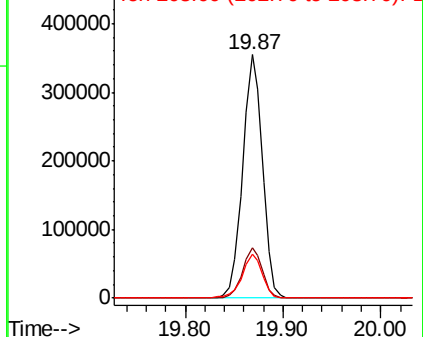
202 100

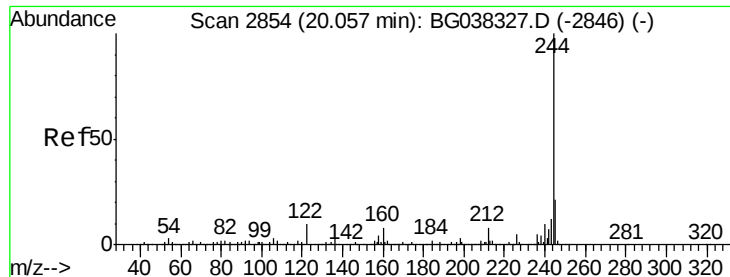
200 20.5 17.8 26.6

203 17.8 15.2 22.8



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: 69.047 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG038346.D

Acq: 5 Dec 2018 5:08

Instrument :

BNA_G

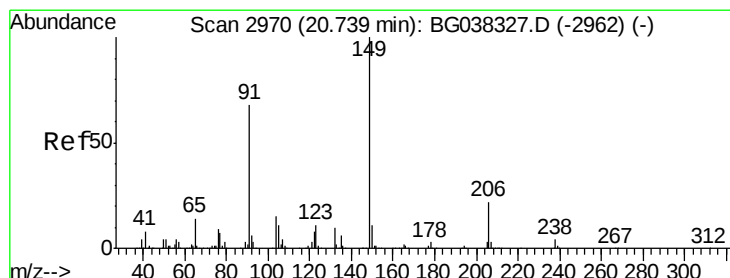
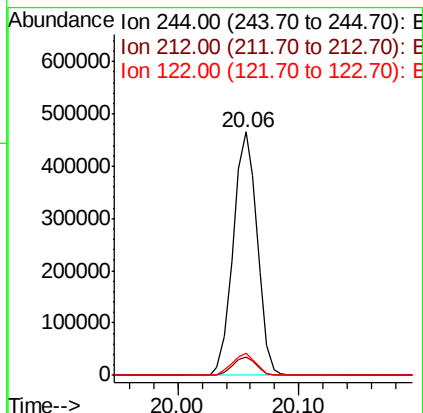
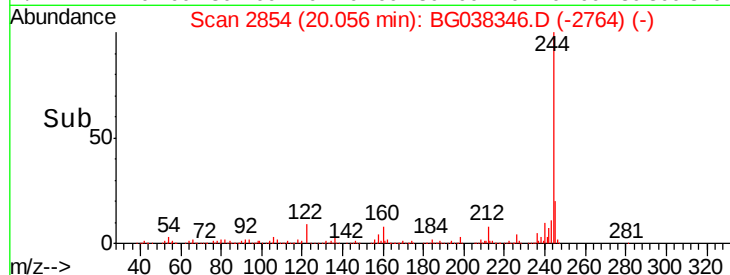
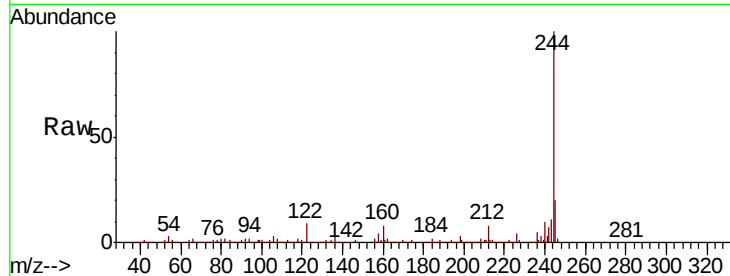
ClientSampleId :

PB115253BS

Tot Ion:	244	Resp:	643855
Ion Ratio		Lower	Upper
244	100		
212	7.7	6.5	9.7
122	8.9	9.0	13.4#

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#80

Butylbenzylphthalate

Concen: 36.513 ng

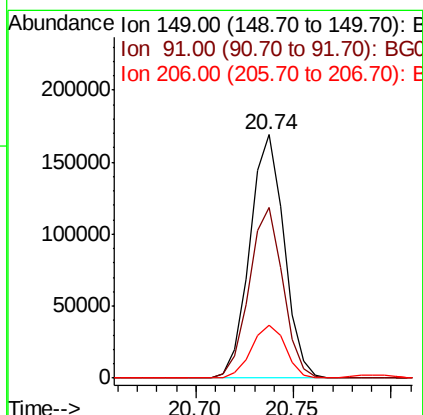
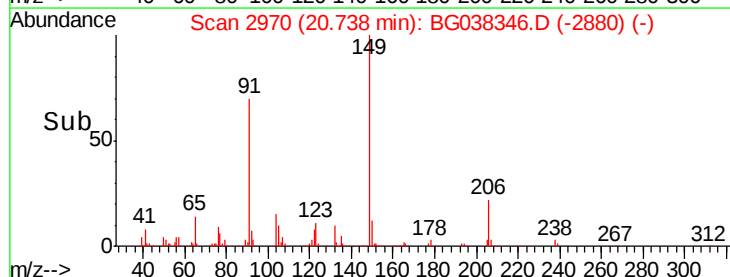
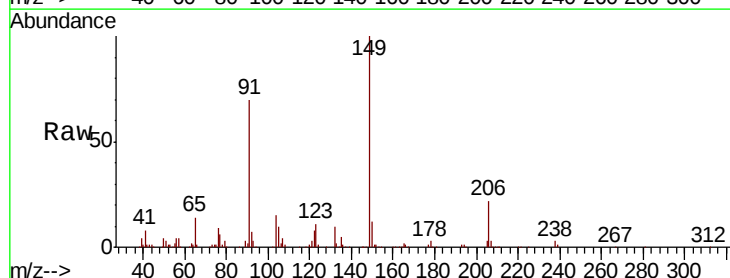
RT: 20.74 min Scan# 2970

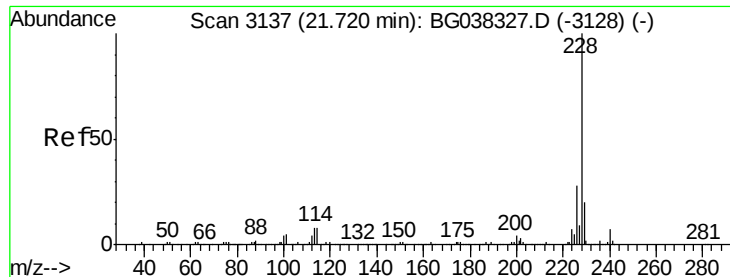
Delta R.T. -0.00 min

Lab File: BG038346.D

Acq: 5 Dec 2018 5:08

Tgt Ion:	149	Resp:	205263
Ion Ratio		Lower	Upper
149	100		
91	69.9	57.0	85.4
206	22.0	17.8	26.6





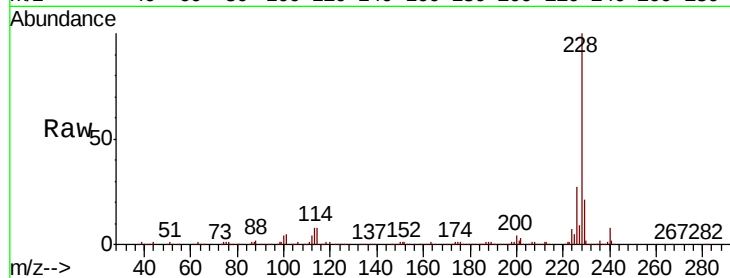
#81
Benzo(a)anthracene
Concen: 38.302 ng
RT: 21.72 min Scan# 3137
Delta R.T. -0.00 min
Lab File: BG038346.D
Acq: 5 Dec 2018 5:08

Instrument :
BNA_G
ClientSampleId :
PB115253BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.6	33.8
229	20.6	16.3	24.5

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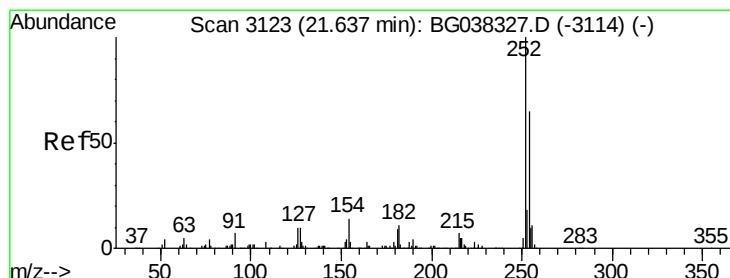
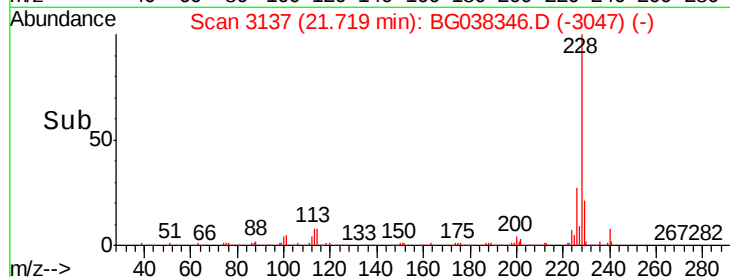
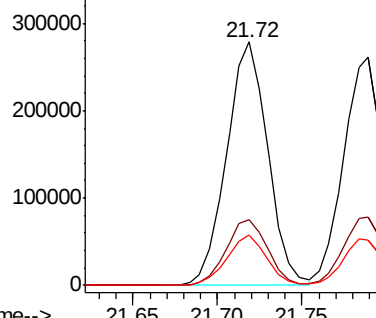


Abundance

Ion 228.00 (227.70 to 228.70): E

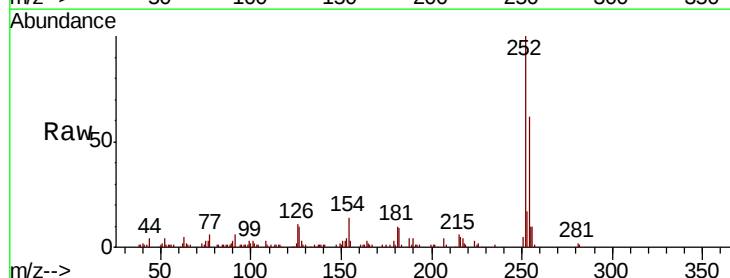
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 12.860 ng
RT: 21.63 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BG038346.D
Acq: 5 Dec 2018 5:08

Tgt Ion	Ratio	Lower	Upper
252	100		
254	61.6	52.0	78.0
126	10.8	8.2	12.4

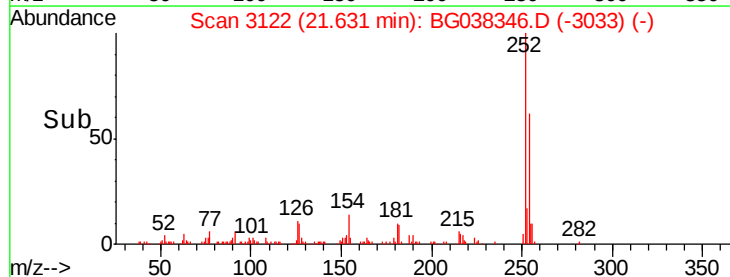
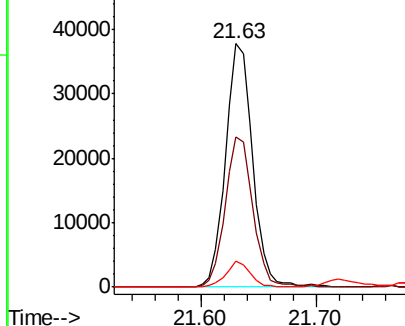


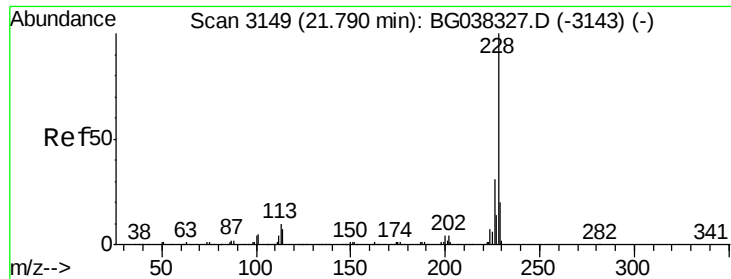
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





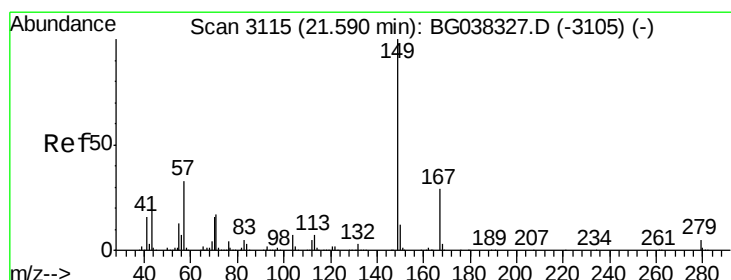
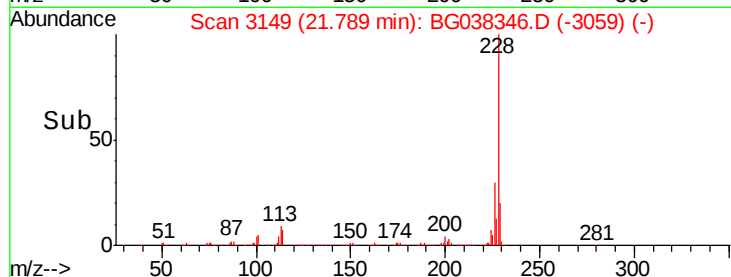
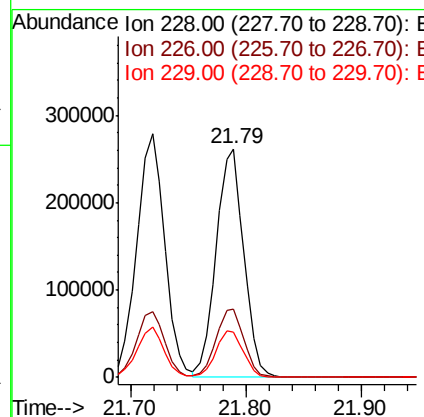
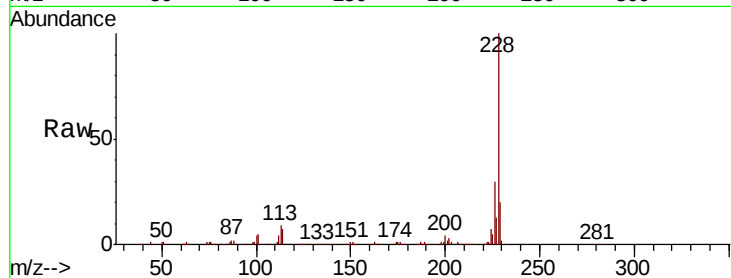
#83
 Chrvsene
 Concen: 37.374 ng
 RT: 21.79 min Scan# 3149
 Delta R.T. -0.00 min
 Lab File: BG038346.D
 Acq: 5 Dec 2018 5:08

Instrument :
 BNA_G
 ClientSampleId :
 PB115253BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.7	38.5
229	19.9	16.5	24.7

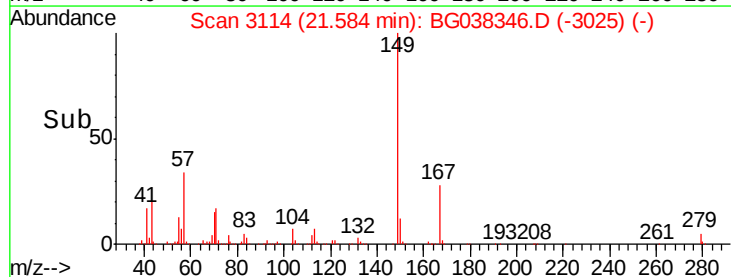
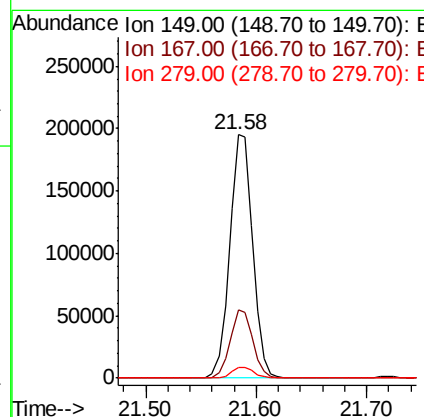
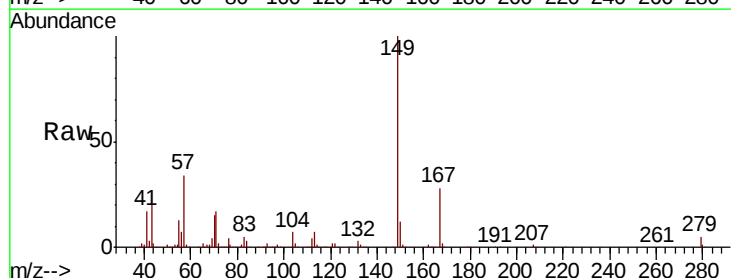
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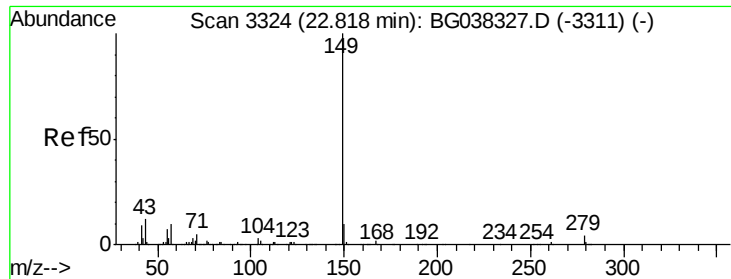
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 35.604 ng
 RT: 21.58 min Scan# 3114
 Delta R.T. -0.01 min
 Lab File: BG038346.D
 Acq: 5 Dec 2018 5:08

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.0	23.0	34.4
279	4.6	3.6	5.4





#85

Di-n-octyl phthalate

Concen: 35.884 ng

RT: 22.82 min Scan# 3324

Delta R.T. -0.00 min

Lab File: BG038346.D

Acq: 5 Dec 2018 5:08

Instrument :

BNA_G

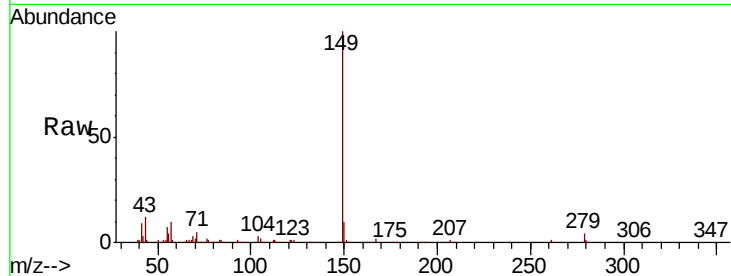
ClientSampleId :

PB115253BS

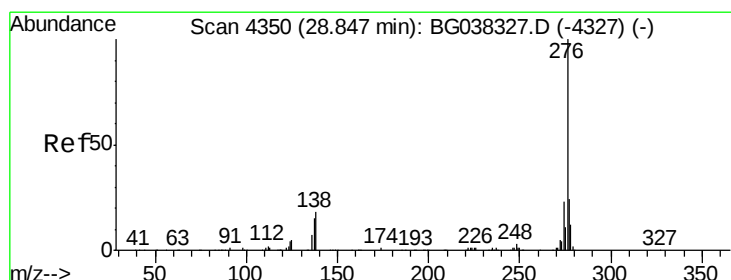
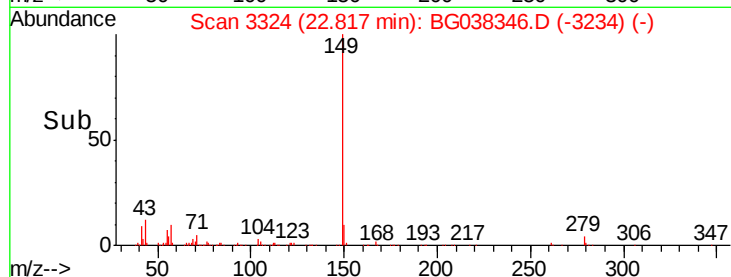
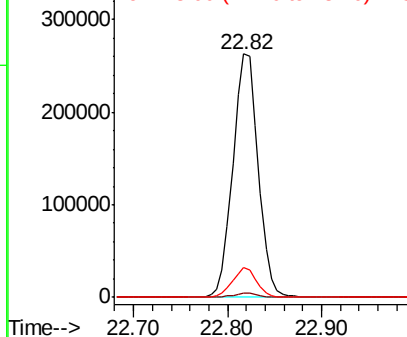
Tot Ion:	149	Resp:	490269
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	11.8	8.7	13.1

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.503 ng

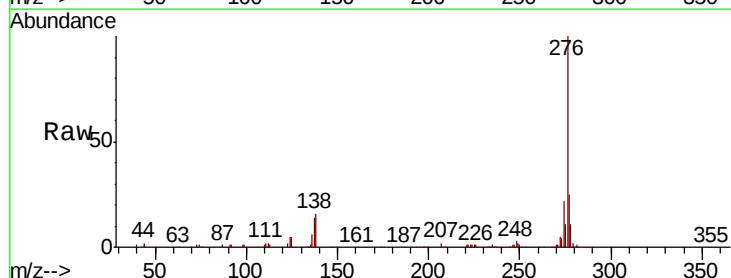
RT: 28.84 min Scan# 4349

Delta R.T. -0.01 min

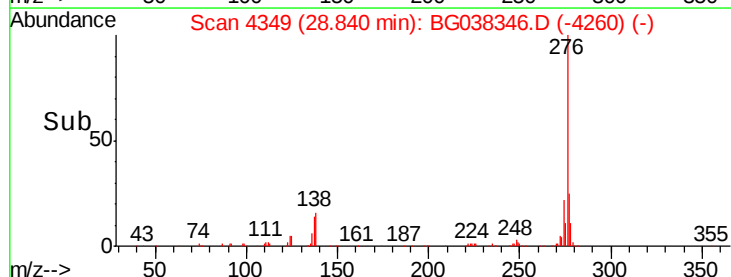
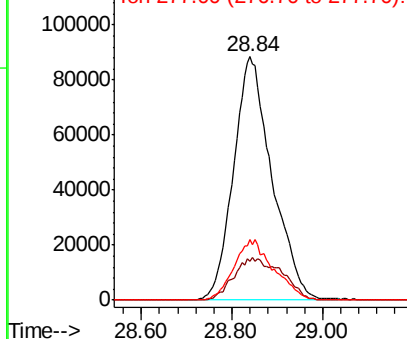
Lab File: BG038346.D

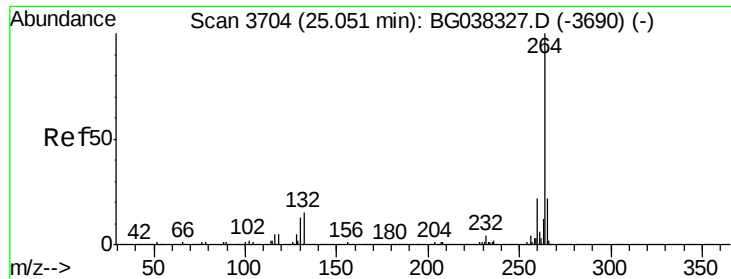
Acq: 5 Dec 2018 5:08

Tgt Ion:	276	Resp:	521609
Ion Ratio	Lower	Upper	
276	100		
138	14.3	12.0	18.0
277	25.6	20.6	30.8



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





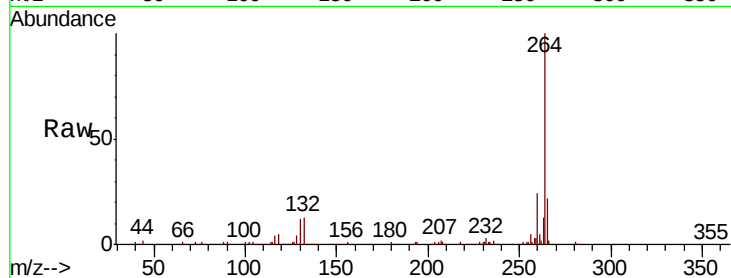
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.05 min Scan# 3704
Delta R.T. -0.00 min
Lab File: BG038346.D
Acq: 5 Dec 2018 5:08

Instrument :
BNA_G
ClientSampleId :
PB115253BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.2	27.4
265	21.8	17.9	26.9

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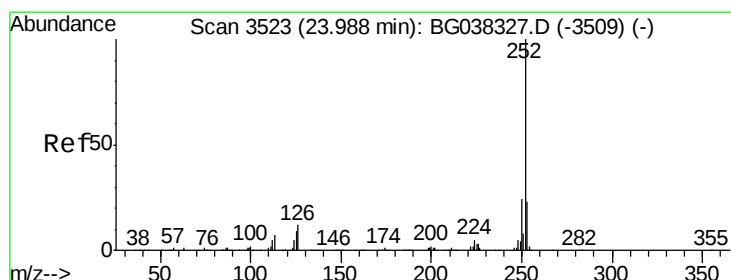
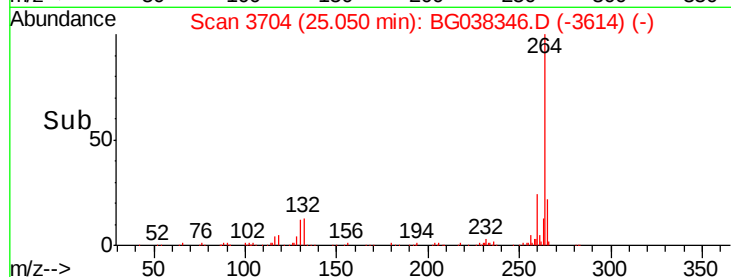
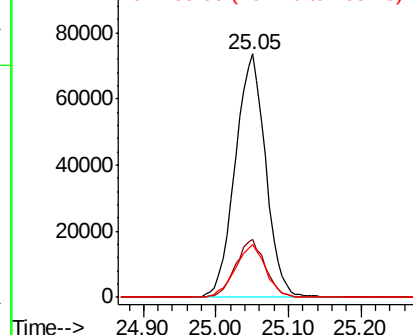


Abundance

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: 37.812 ng
RT: 23.99 min Scan# 3523
Delta R.T. -0.00 min
Lab File: BG038346.D
Acq: 5 Dec 2018 5:08

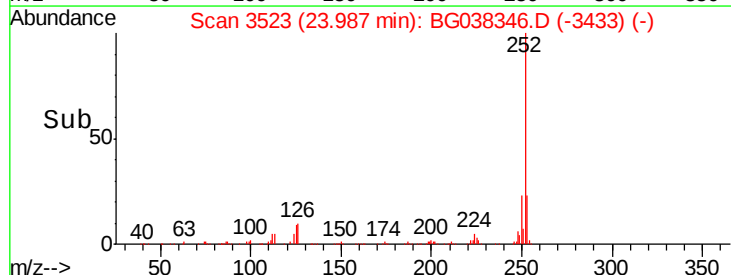
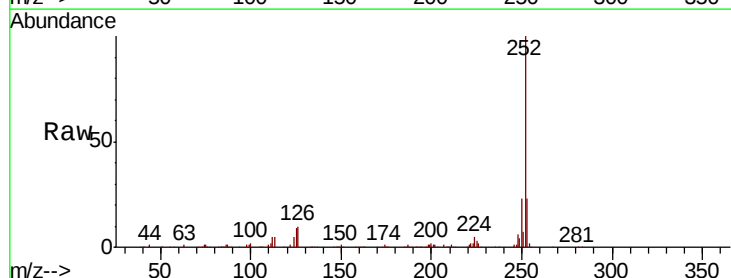
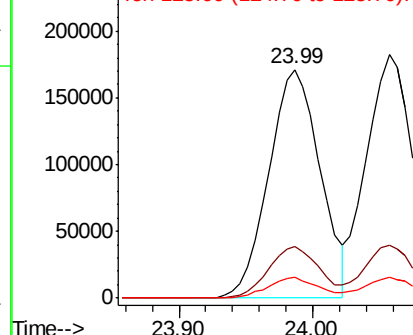
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	8.9	7.8	11.6

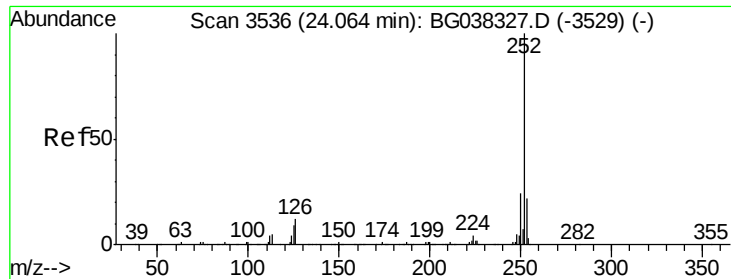
Abundance

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: 36.932 ng

RT: 24.06 min Scan# 3535

Delta R.T. -0.01 min

Lab File: BG038346.D

Acq: 5 Dec 2018 5:08

Instrument :

BNA_G

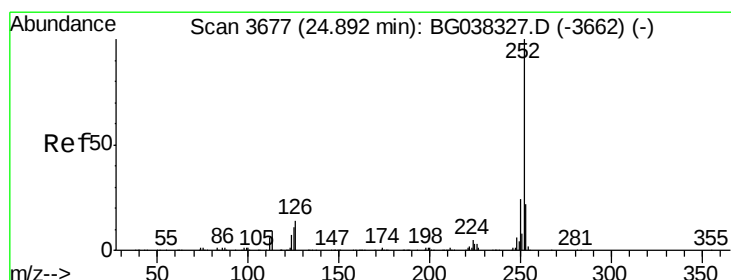
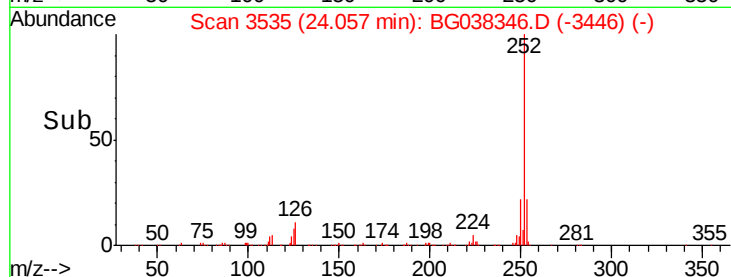
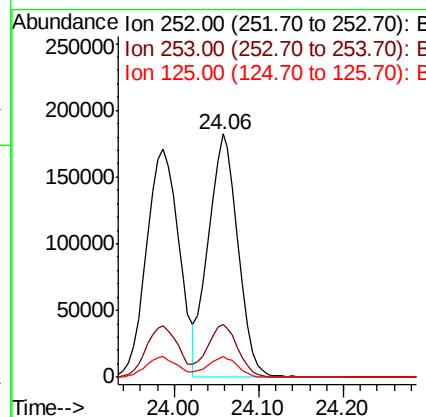
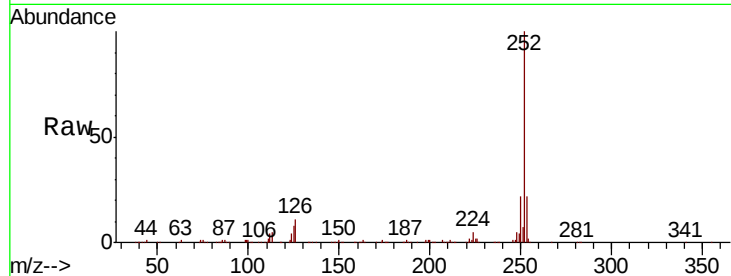
ClientSampleId :

PB115253BS

Tot Ion:	252	Resp:	445444
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.4	26.2
125	8.4	7.4	11.0

Manual Integrations
APPROVED

mohammad
12/6/2018 9:32:44 AM



#90

Benzo(a)pyrene

Concen: 37.927 ng

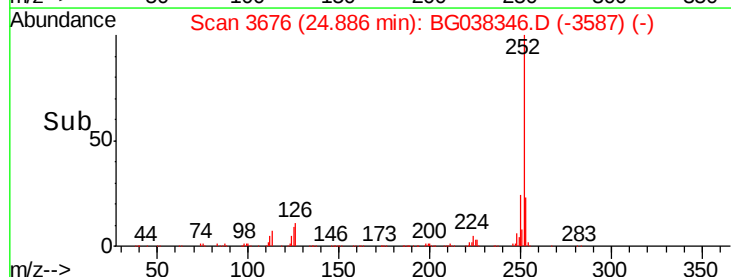
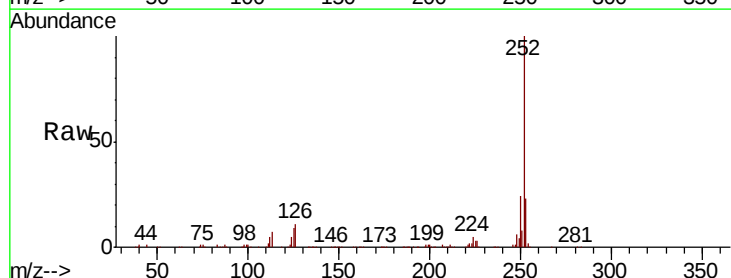
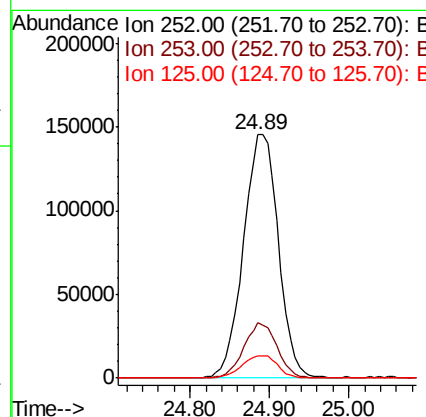
RT: 24.89 min Scan# 3676

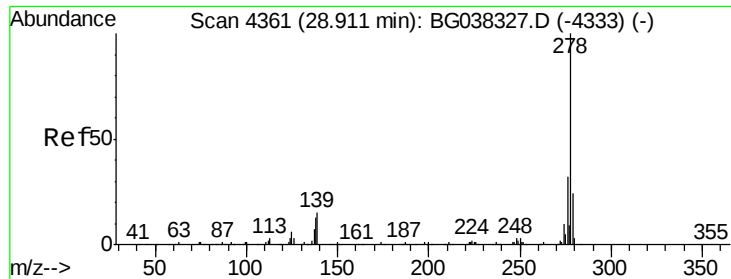
Delta R.T. -0.01 min

Lab File: BG038346.D

Acq: 5 Dec 2018 5:08

Tgt Ion:	252	Resp:	445518
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.4	26.2
125	9.3	9.0	13.6





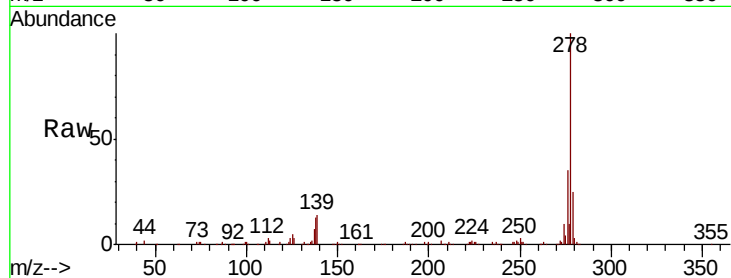
#91
Dibenzo(a,h)anthracene
Concen: 38.841 ng
RT: 28.90 min Scan# 4360
Delta R.T. -0.01 min
Lab File: BG038346.D
Acq: 5 Dec 2018 5:08

Instrument :
BNA_G
ClientSampleId :
PB115253BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.2	11.5	17.3
279	24.8	18.6	27.8

Manual Integrations
APPROVED

mohammad
12/6/2018 9:32:44 AM

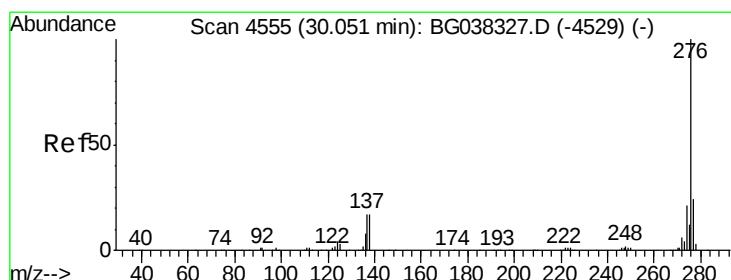
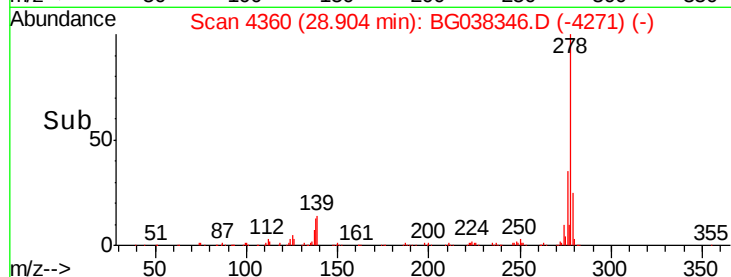
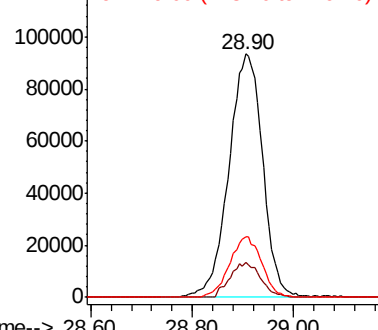


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 39.348 ng
RT: 30.04 min Scan# 4553
Delta R.T. -0.01 min
Lab File: BG038346.D
Acq: 5 Dec 2018 5:08

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.0	18.9	28.3
138	18.1	17.2	25.8

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

