

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121218\
 Data File : BG038520.D
 Acq On : 13 Dec 2018 6:17
 Operator : JU/SJ
 Sample : PB115618BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115618BS

Manual Integrations
 APPROVED

Sohil
 12/13/2018 3:07:06 PM

Quant Time: Dec 13 06:53:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	19893	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	84681	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	60266	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	161111	20.00	ng	0.00
76) Chrysene-d12	21.73	240	167928	20.00	ng	0.00
87) Perylene-d12	25.02	264	179139	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	136840	122.01	ng	0.00
7) Phenol-d6	7.21	99	185958	120.77	ng	0.00
23) Nitrobenzene-d5	9.24	82	117776	71.05	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	97780	117.73	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	297668	67.76	ng	0.00
79) Terphenyl-d14	20.05	244	608392	78.85	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	13443	25.753	ng	93
3) Pyridine	3.89	79	37869	26.349	ng	# 87
4) n-Nitrosodimethylamine	3.81	42	25440	36.127	ng	# 95
6) Aniline	7.39	93	42728	21.739	ng	98
8) 2-Chlorophenol	7.62	128	46805	36.061	ng	97
9) Benzaldehyde	7.20	77	17656	17.677	ng	99
10) Phenol	7.24	94	62687	38.322	ng	98
11) bis(2-Chloroethyl)ether	7.47	93	42161	32.373	ng	97
12) 1,3-Dichlorobenzene	7.94	146	47375	30.870	ng	95
13) 1,4-Dichlorobenzene	8.10	146	48721	30.998	ng	98
14) 1,2-Dichlorobenzene	8.41	146	47096	31.784	ng	99
15) Benzyl Alcohol	8.30	79	43546	36.234	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.58	45	97221	32.588	ng	97
17) 2-Methylphenol	8.50	107	41787	38.128	ng	92
18) Hexachloroethane	9.14	117	17919	31.200	ng	98
19) n-Nitroso-di-n-propylamine	8.86	70	36876	34.100	ng	95
20) 3+4-Methylphenols	8.82	107	58934	38.937	ng	98
22) Acetophenone	8.89	105	69906	33.050	ng	# 99
24) Nitrobenzene	9.28	77	54921	32.752	ng	99
25) Isophorone	9.79	82	104969	35.246	ng	99
26) 2-Nitrophenol	9.99	139	27273	31.777	ng	97
27) 2,4-Dimethylphenol	10.04	122	50865	41.353	ng	97
28) bis(2-Chloroethoxy)methane	10.28	93	58666	34.906	ng	96
29) 2,4-Dichlorophenol	10.52	162	51987	37.992	ng	95
30) 1,2,4-Trichlorobenzene	10.73	180	52424	31.717	ng	96
31) Naphthalene	10.93	128	150470	36.064	ng	99
32) Benzoic acid	10.18	122	22692m	33.059	ng	
33) 4-Chloroaniline	11.05	127	15599	8.611	ng	96
34) Hexachlorobutadiene	11.19	225	33338	29.809	ng	95
35) Caprolactam	11.82	113	20320m	35.883	ng	
36) 4-Chloro-3-methylphenol	12.15	107	58589	37.520	ng	97
37) 2-Methylnaphthalene	12.53	142	114869	38.591	ng	96
38) 1-Methylnaphthalene	12.75	142	108501	37.564	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	65763	29.193	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	87354	70.581	nq	98
43) 2,4,6-Trichlorophenol	13.13	196	46843	33.819	nq	97
44) 2,4,5-Trichlorophenol	13.21	196	53039	36.167	nq	96
46) 1,1'-Biphenyl	13.53	154	153065	30.297	nq	100
47) 2-Chloronaphthalene	13.58	162	122119	31.292	nq	98
48) 2-Nitroaniline	13.79	65	44013	35.407	nq	98
49) Acenaphthylene	14.42	152	210147	36.020	nq	99
50) Dimethylphthalate	14.15	163	173648	35.283	nq	97
51) 2,6-Dinitrotoluene	14.28	165	38756	34.749	nq	96
52) Acenaphthene	14.76	154	117767	33.757	nq	97
53) 3-Nitroaniline	14.62	138	21037	18.504	nq	86
54) 2,4-Dinitrophenol	14.82	184	45900	69.869	nq	98
55) Dibenzofuran	15.10	168	203282	33.993	nq	97
56) 4-Nitrophenol	14.92	139	66492	77.093	nq	98
57) 2,4-Dinitrotoluene	15.06	165	57530	36.623	nq	98
58) Fluorene	15.75	166	165187	37.284	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.32	232	50190	38.040	nq	98
60) Diethylphthalate	15.50	149	185283	34.294	nq	100
61) 4-Chlorophenyl-phenylether	15.73	204	91198	32.991	nq	100
62) 4-Nitroaniline	15.78	138	42287	36.128	nq	98
63) Azobenzene	16.02	77	159997	35.449	nq	98
65) 4,6-Dinitro-2-methylphenol	15.82	198	36253	31.544	nq	96
66) n-Nitrosodiphenylamine	15.95	169	154793	32.700	nq	97
67) 4-Bromophenyl-phenylether	16.63	248	62728	31.880	nq	94
68) Hexachlorobenzene	16.74	284	65024	31.880	nq	97
69) Atrazine	16.89	200	66932	38.100	nq	95
70) Pentachlorophenol	17.09	266	73959	61.304	nq	98
71) Phenanthrene	17.49	178	303771	36.360	nq	98
72) Anthracene	17.58	178	313244	37.979	nq	97
73) Carbazole	17.86	167	283006	34.695	nq	99
74) Di-n-butylphthalate	18.38	149	339873	36.313	nq	99
75) Fluoranthene	19.49	202	395034	38.215	nq	98
77) Benzidine	19.68	184	160011	32.219	nq	99
78) Pyrene	19.86	202	388734	35.041	nq	99
80) Butylbenzylphthalate	20.73	149	150846	34.804	nq	98
81) Benzo(a)anthracene	21.70	228	371919	36.346	nq	99
82) 3,3'-Dichlorobenzidine	21.62	252	72043	17.752	nq	97
83) Chrysene	21.77	228	346077	35.113	nq	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	210214	34.197	nq	99
85) Di-n-octyl phthalate	22.80	149	362112	35.174	nq	100
86) Indeno(1,2,3-cd)pyrene	28.81	276	429974	37.107	nq	# 99
88) Benzo(b)fluoranthene	23.97	252	370124	37.632	nq	100
89) Benzo(k)fluoranthene	24.04	252	359851	36.742	nq	97
90) Benzo(a)pyrene	24.87	252	360432	37.986	nq	100
91) Dibenzo(a,h)anthracene	28.87	278	352904	37.354	nq	97
92) Benzo(g,h,i)perylene	29.99	276	352991	37.913	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.06 min Scan# 846

Delta R.T. 0.00 min

Lab File: BG038520.D

Acq: 13 Dec 2018 6:17

Instrument :

BNA_G

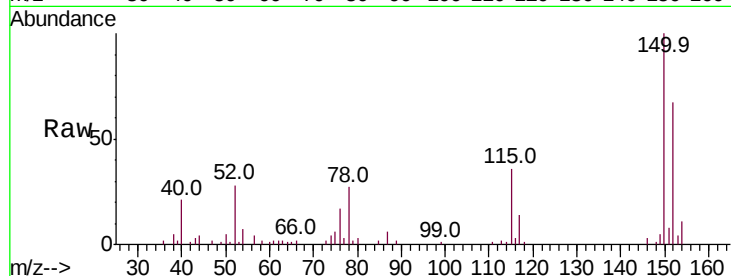
ClientSampleId :

PB115618BS

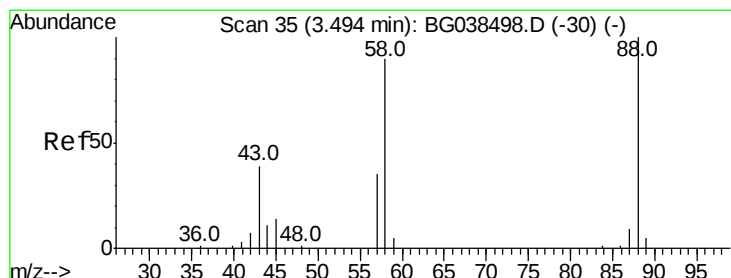
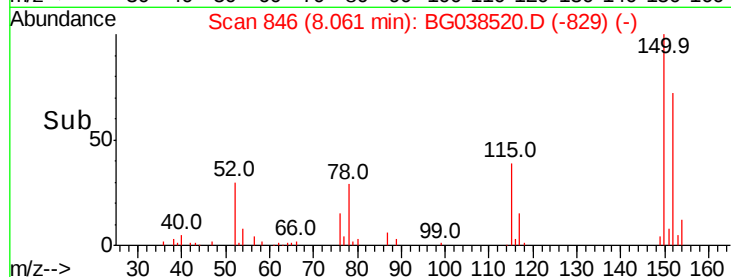
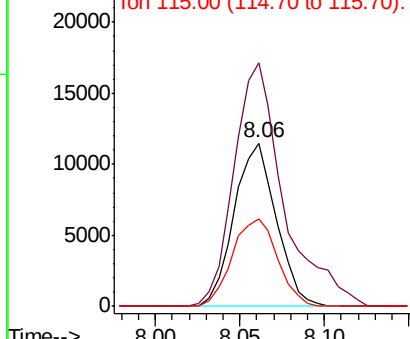
Tot Ion:	152	Resp:	19893
Ion Ratio	Lower	Upper	
152	100		
150	149.2	119.5	179.3
115	53.6	49.6	74.4

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



#2

1,4-Dioxane

Concen: 25.753 ng

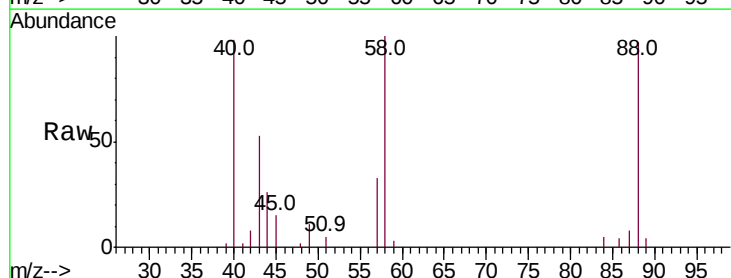
RT: 3.49 min Scan# 68

Delta R.T. -0.00 min

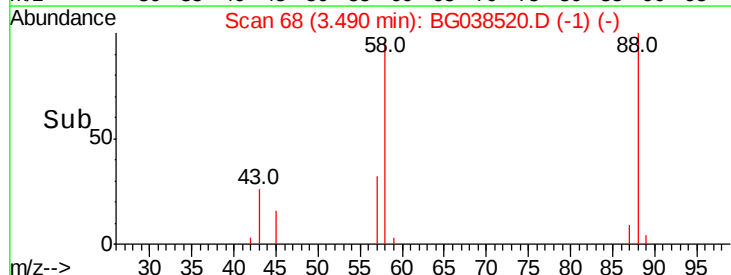
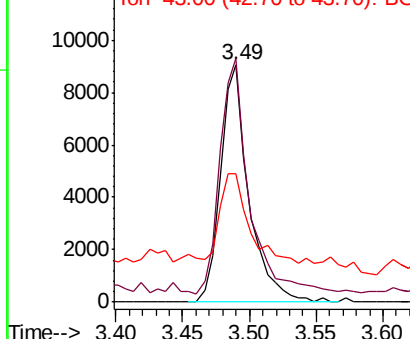
Lab File: BG038520.D

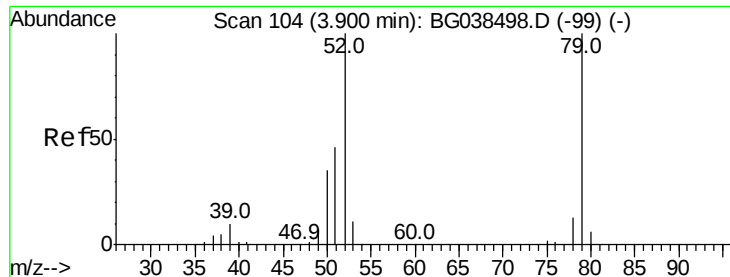
Acq: 13 Dec 2018 6:17

Tgt Ion:	88	Resp:	13443
Ion Ratio	Lower	Upper	
88	100		
58	103.6	75.7	113.5
43	38.0	31.6	47.4



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





#3

Pvridine

Concen: 26.349 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.01 min

Lab File: BG038520.D

Acq: 13 Dec 2018 6:17

Instrument :

BNA_G

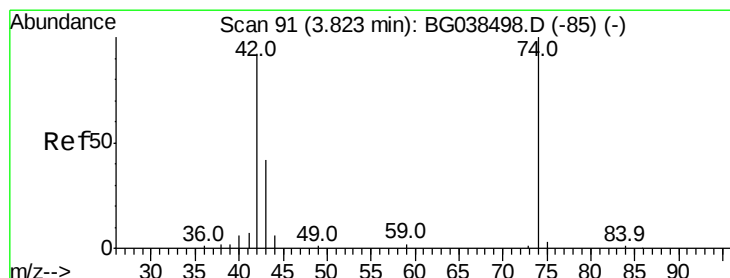
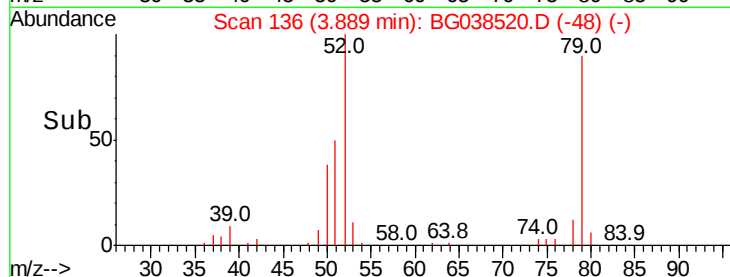
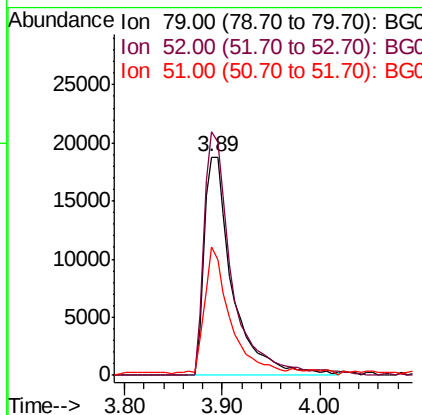
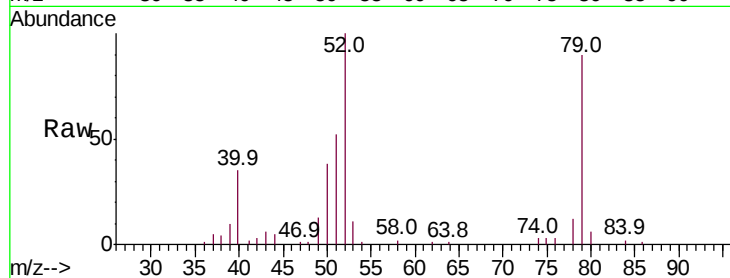
ClientSampleId :

PB115618BS

Tot Ion:	79	Resp:	37869
Ion	Ratio	Lower	Upper
79	100		
52	111.6	80.2	120.2
51	58.6	38.0	57.0#

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 36.127 ng

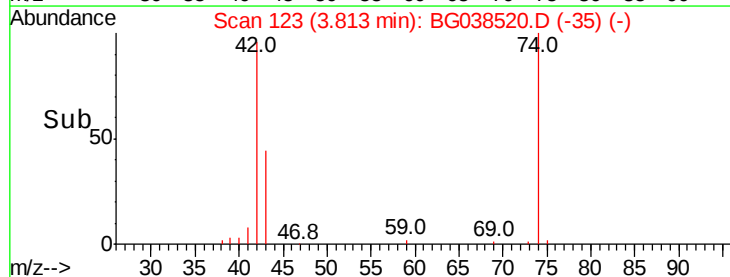
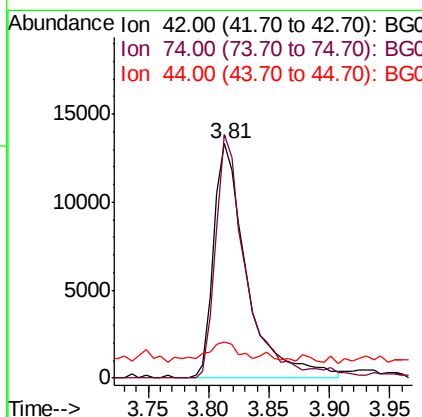
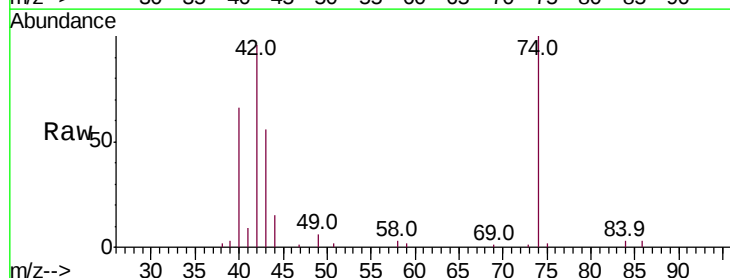
RT: 3.81 min Scan# 123

Delta R.T. -0.01 min

Lab File: BG038520.D

Acq: 13 Dec 2018 6:17

Tgt Ion:	42	Resp:	25440
Ion	Ratio	Lower	Upper
42	100		
74	103.8	86.7	130.1
44	15.5	7.8	11.8#





#5

2-Fluorophenol

Concen: 122.006 ng

RT: 5.61 min Scan# 428

Delta R.T. 0.00 min

Lab File: BG038520.D

Acq: 13 Dec 2018 6:17

Instrument :

BNA_G

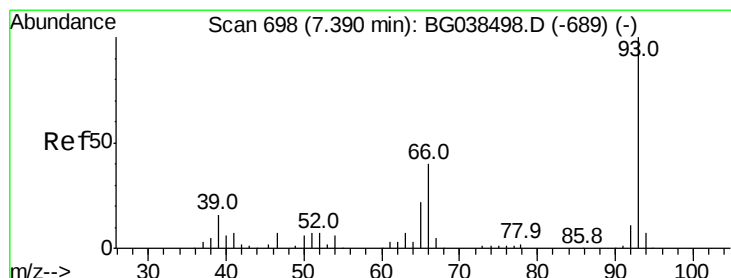
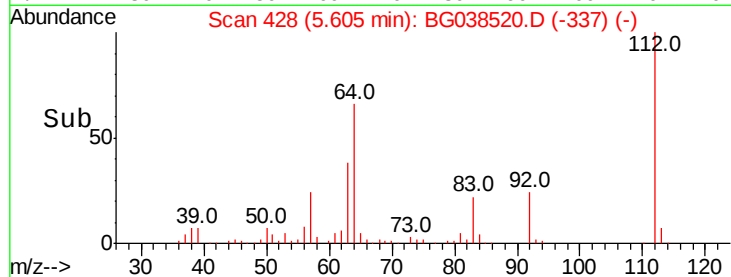
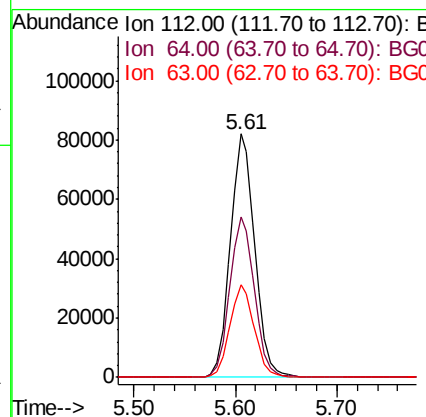
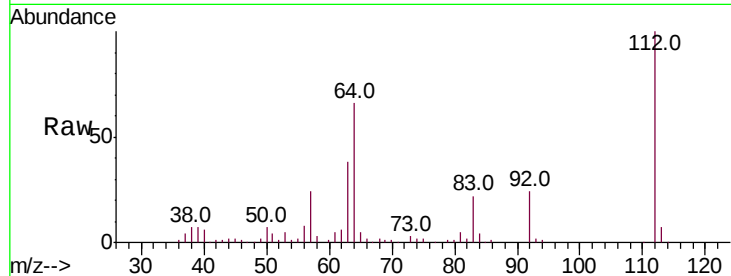
ClientSampleId :

PB115618BS

Tot Ion:	112	Resp:	136840
Ion Ratio	Lower	Upper	
112	100		
64	65.7	53.4	80.2
63	38.2	29.3	43.9

Manual Integrations
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#6

Aniline

Concen: 21.739 ng

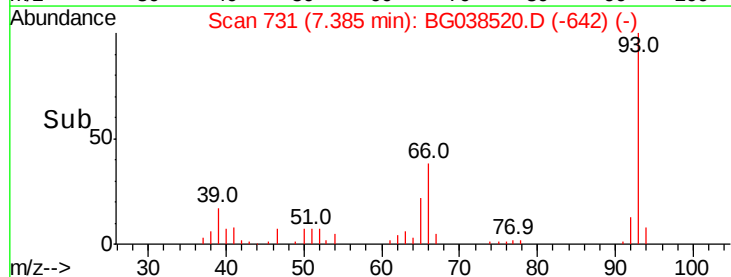
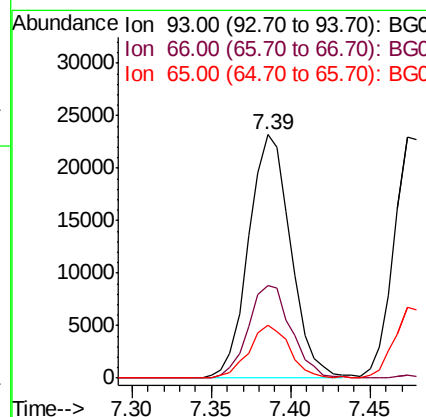
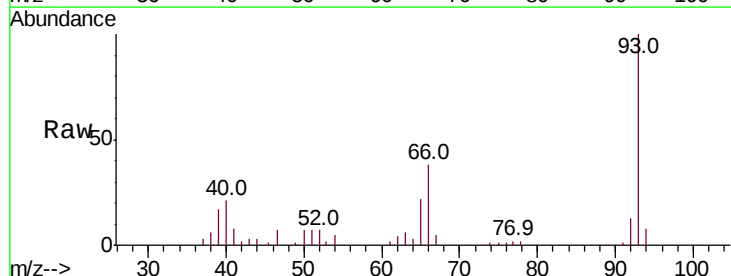
RT: 7.39 min Scan# 731

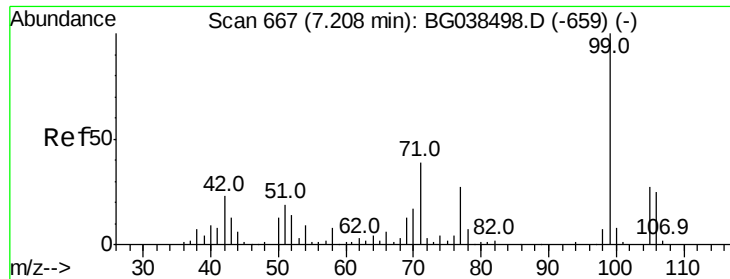
Delta R.T. -0.00 min

Lab File: BG038520.D

Acq: 13 Dec 2018 6:17

Tgt Ion:	93	Resp:	42728
Ion Ratio	Lower	Upper	
93	100		
66	38.3	31.7	47.5
65	21.7	17.8	26.6





#7

Phenol-d6

Concen: 120.774 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG038520.D

Acq: 13 Dec 2018 6:17

Instrument :

BNA_G

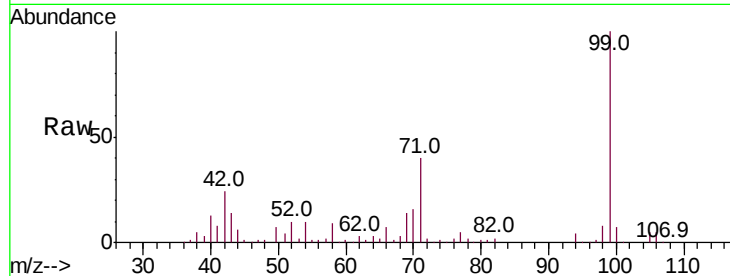
ClientSampled :

PB115618BS

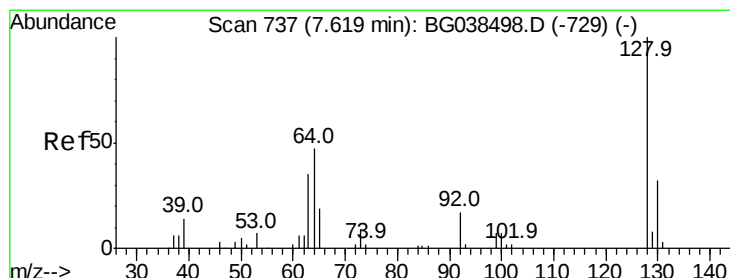
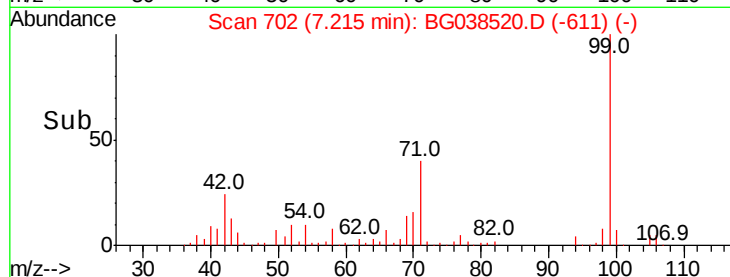
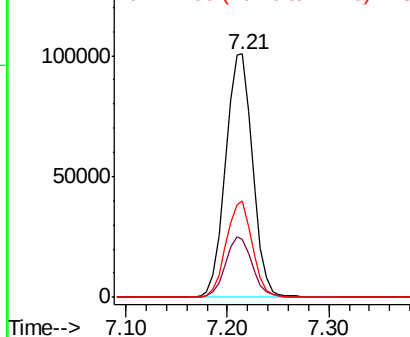
Tot Ion:	99	Resp:	185958
Ion Ratio	Lower	Upper	
99	100		
42	23.9	18.5	27.7
71	39.6	31.1	46.7

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



#8

2-Chlorophenol

Concen: 36.061 ng

RT: 7.62 min Scan# 771

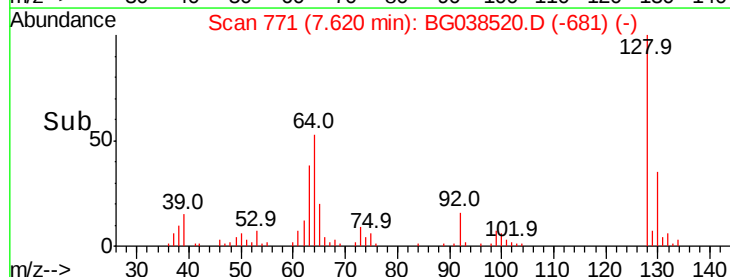
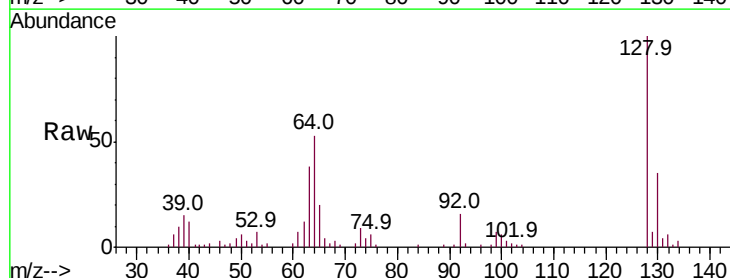
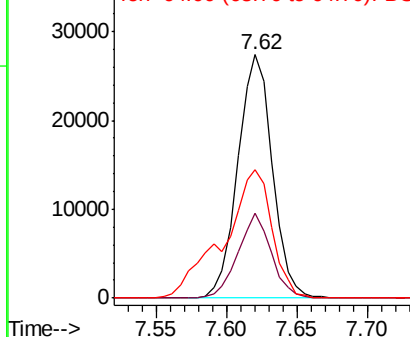
Delta R.T. 0.00 min

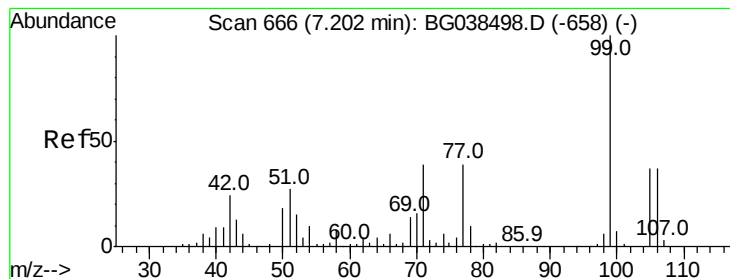
Lab File: BG038520.D

Acq: 13 Dec 2018 6:17

Tgt Ion:	128	Resp:	46805
Ion Ratio	Lower	Upper	
128	100		
130	34.8	11.8	51.8
64	52.5	33.2	73.2

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





#9

Benzaldehyde

Concen: 17.677 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG038520.D

Acq: 13 Dec 2018 6:17

Instrument :

BNA_G

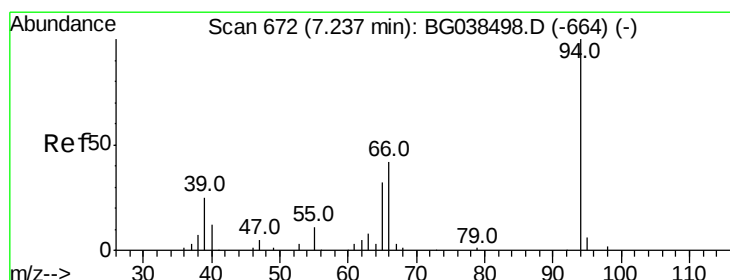
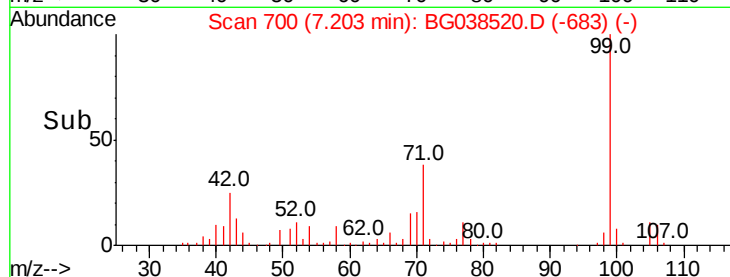
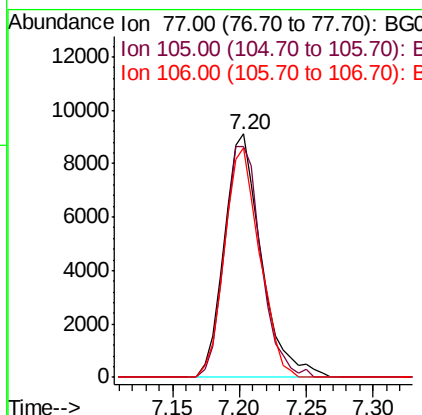
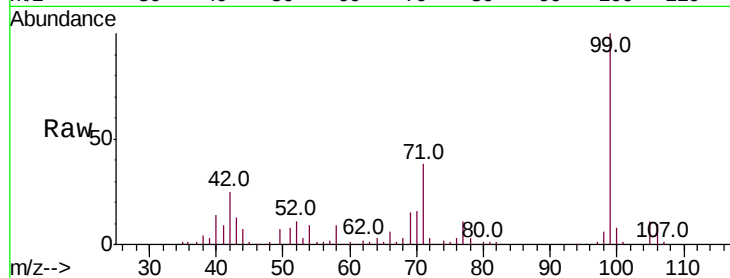
ClientSampleId :

PB115618BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	94.9	74.0	114.0
106	94.2	73.9	113.9

Manual Integrations
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#10

Phenol

Concen: 38.322 ng

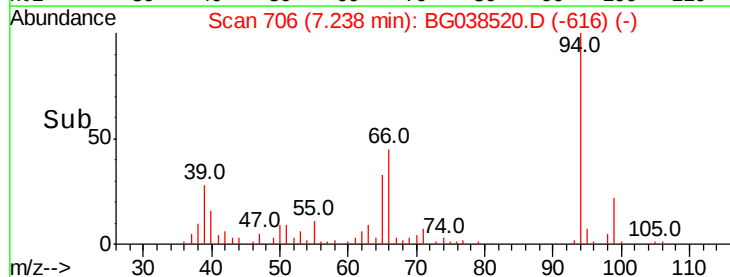
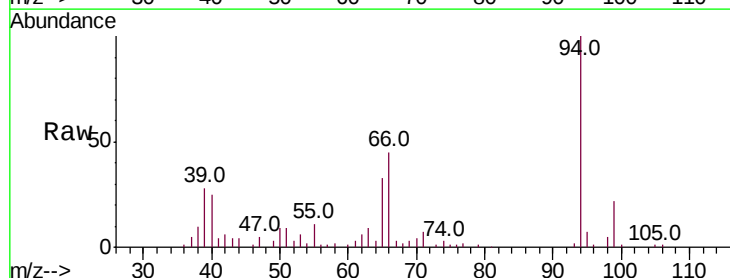
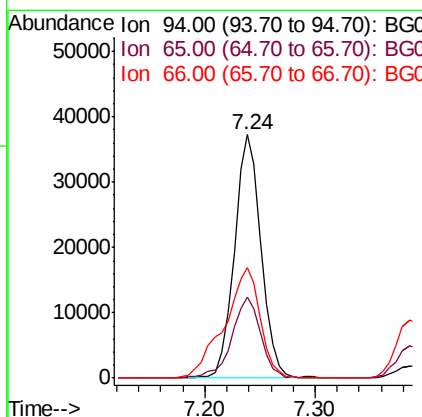
RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG038520.D

Acq: 13 Dec 2018 6:17

Tgt Ion	Ratio	Lower	Upper
94	100		
65	33.3	12.6	52.6
66	45.5	24.1	64.1





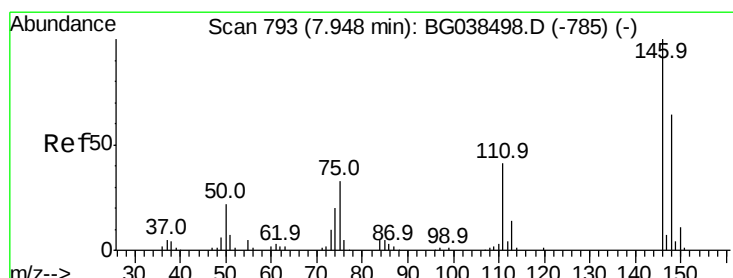
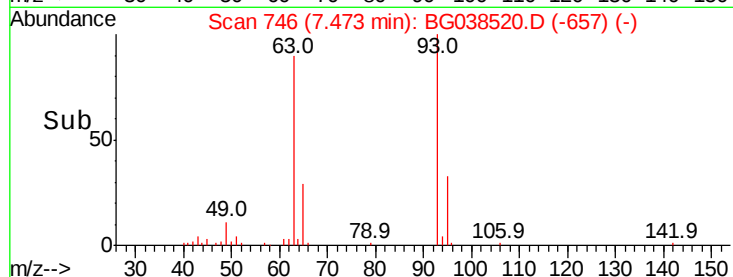
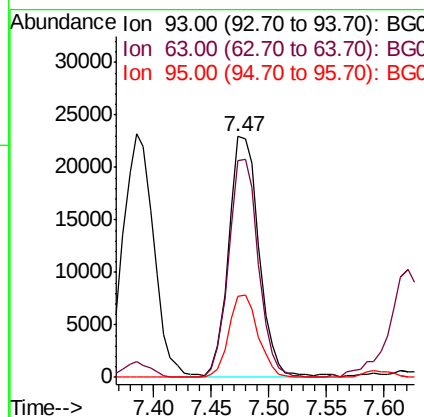
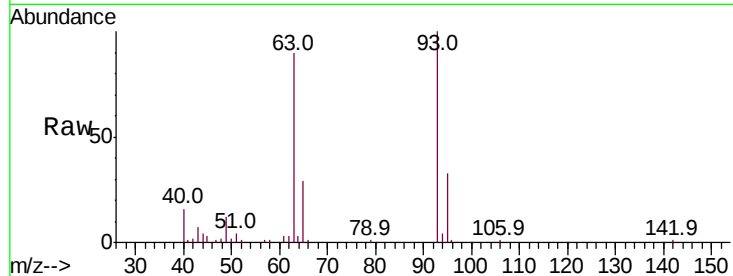
#11
bis(2-Chloroethyl)ether
Concen: 32.373 ng
RT: 7.47 min Scan# 746
Delta R.T. -0.00 min
Lab File: BG038520.D
Acq: 13 Dec 2018 6:17

Instrument :
BNA_G
ClientSampleId :
PB115618BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	89.9	72.2	112.2
95	33.5	11.2	51.2

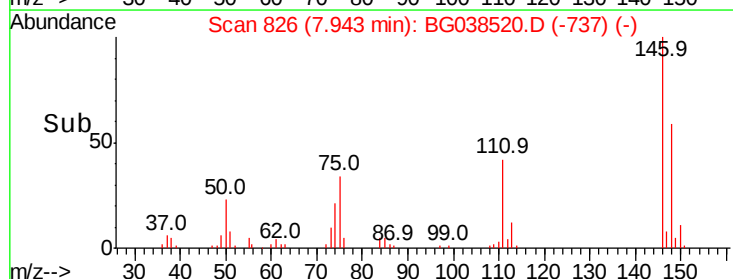
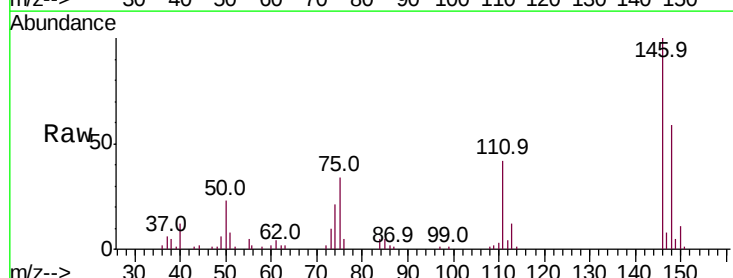
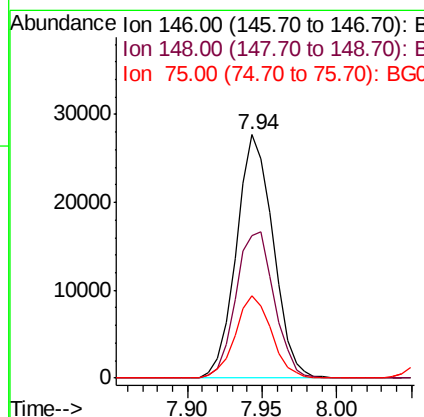
Manual Integrations
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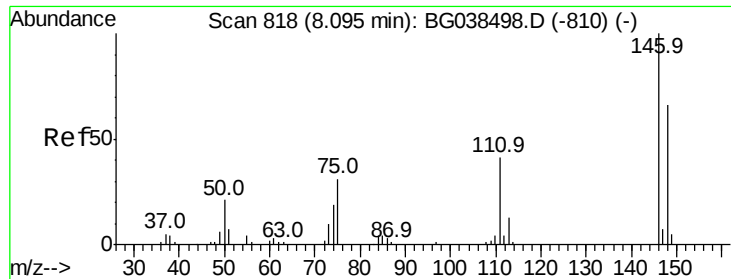
Sohil
12/13/2018 3:07:06 PM



#12
1,3-Dichlorobenzene
Concen: 30.870 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.00 min
Lab File: BG038520.D
Acq: 13 Dec 2018 6:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	58.6	51.4	77.0
75	33.6	26.1	39.1





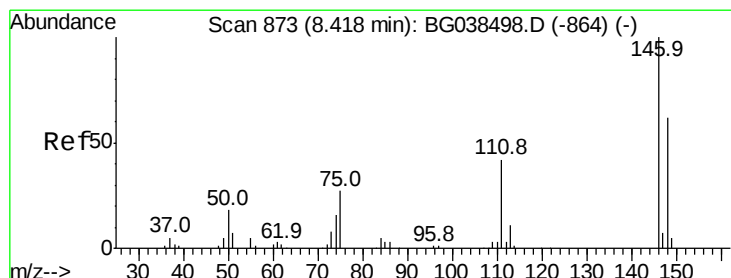
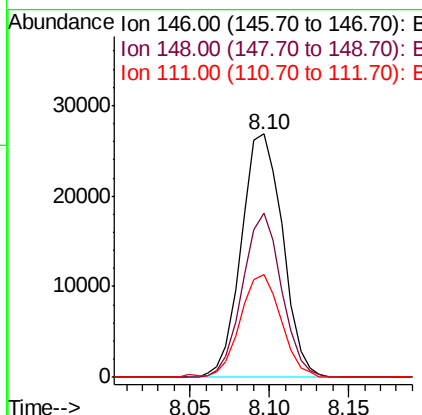
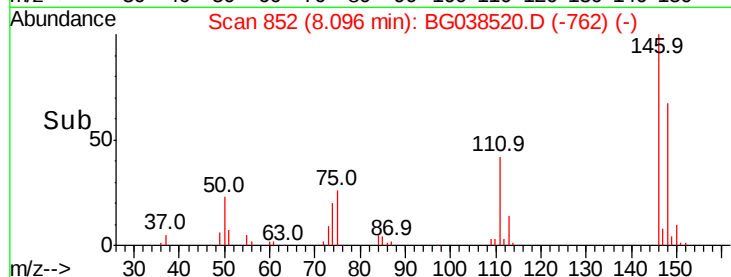
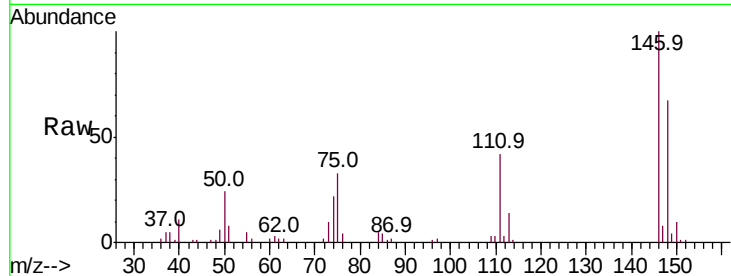
#13
 1,4-Dichlorobenzene
 Concen: 30.998 ng
 RT: 8.10 min Scan# 852
 Delta R.T. 0.00 min
 Lab File: BG038520.D
 Acq: 13 Dec 2018 6:17

Instrument :
 BNA_G
 ClientSampleId :
 PB115618BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	67.3	52.4	78.6
111	42.4	33.0	49.4

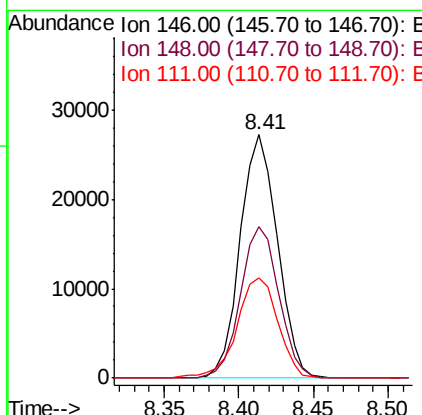
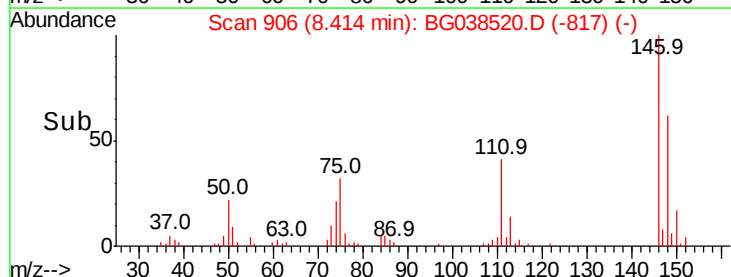
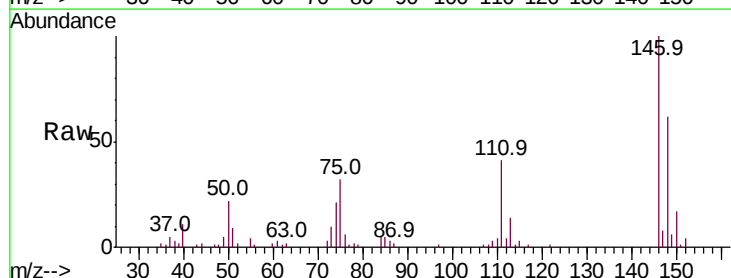
Manual Integrations
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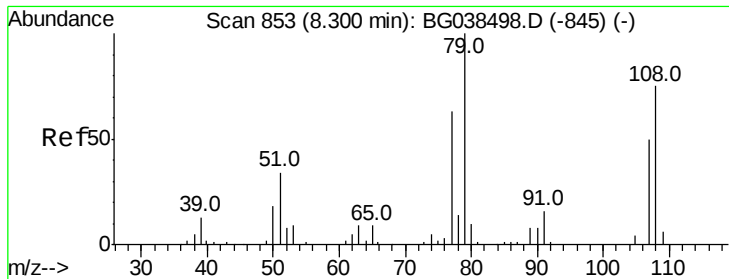
Sohil
 12/13/2018 3:07:06 PM



#14
 1,2-Dichlorobenzene
 Concen: 31.784 ng
 RT: 8.41 min Scan# 906
 Delta R.T. -0.00 min
 Lab File: BG038520.D
 Acq: 13 Dec 2018 6:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.4	49.4	74.0
111	41.4	33.8	50.6





#15

Benzyl Alcohol

Concen: 36.234 ng

RT: 8.30 min Scan# 887

Delta R.T. 0.00 min

Lab File: BG038520.D

Acq: 13 Dec 2018 6:17

Instrument :

BNA_G

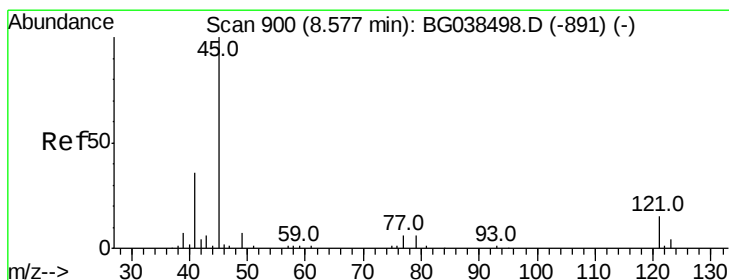
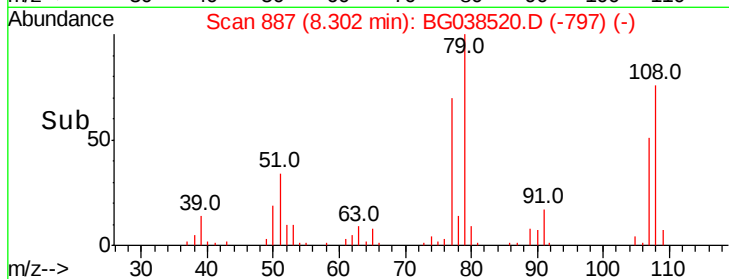
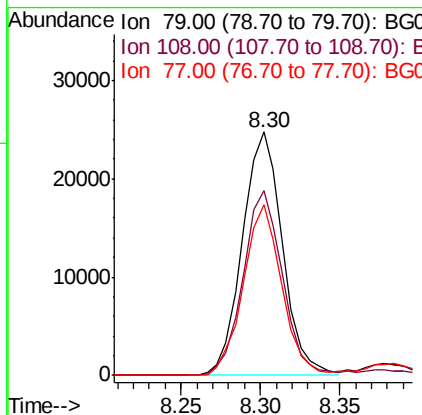
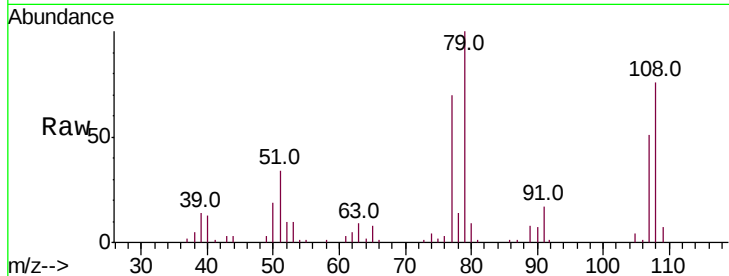
ClientSampleId :

PB115618BS

Tot Ion:	79	Resp:	43546
Ion Ratio	Lower	Upper	
79	100		
108	75.8	60.2	90.4
77	70.0	50.7	76.1

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 32.588 ng

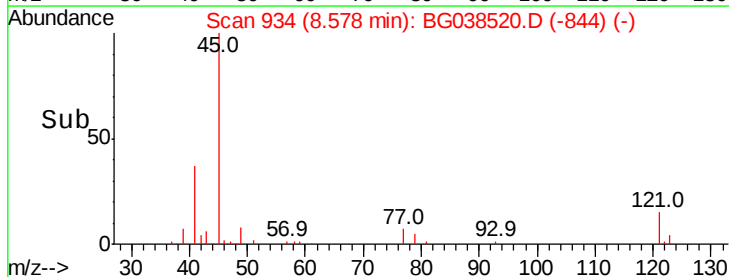
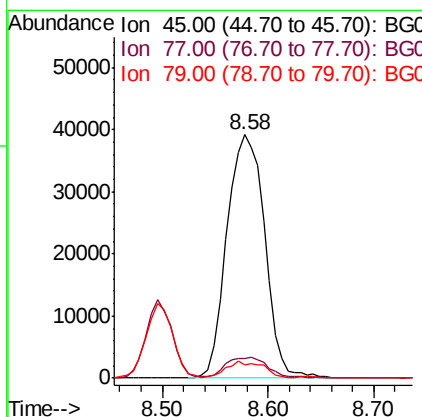
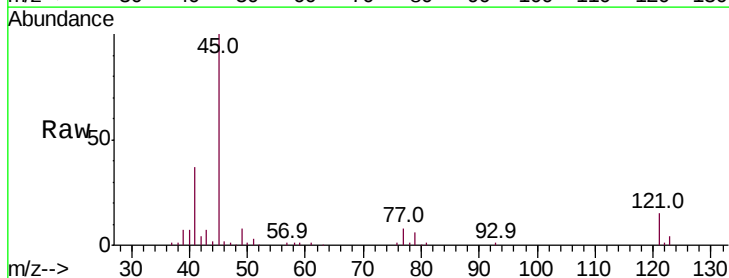
RT: 8.58 min Scan# 934

Delta R.T. 0.00 min

Lab File: BG038520.D

Acq: 13 Dec 2018 6:17

Tgt Ion:	45	Resp:	97221
Ion Ratio	Lower	Upper	
45	100		
77	7.8	0.0	28.2
79	5.6	0.0	27.2





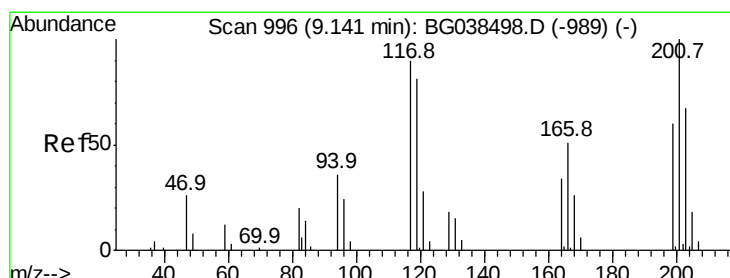
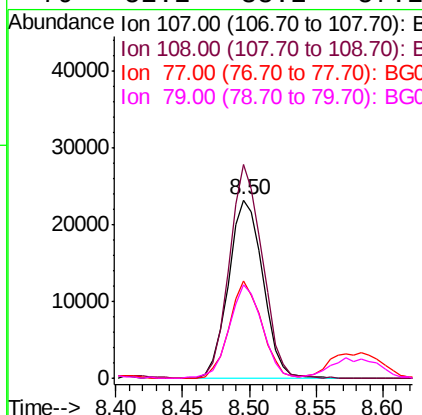
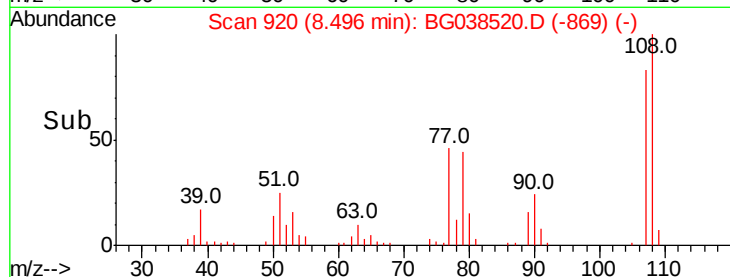
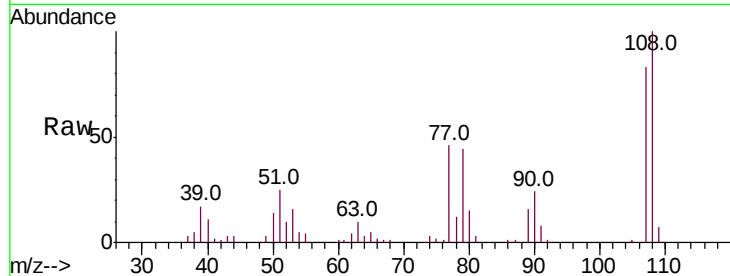
#17
2-Methylphenol
Concen: 38.128 ng
RT: 8.50 min Scan# 920
Delta R.T. 0.00 min
Lab File: BG038520.D
Acq: 13 Dec 2018 6:17

Instrument :
BNA_G
ClientSampleId :
PB115618BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	119.8	87.1	130.7	
77	54.8	42.0	63.0	
79	52.2	38.2	57.2	

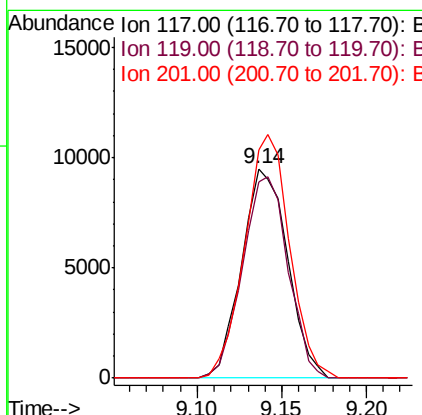
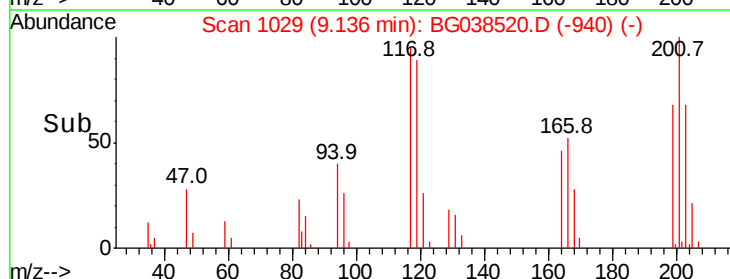
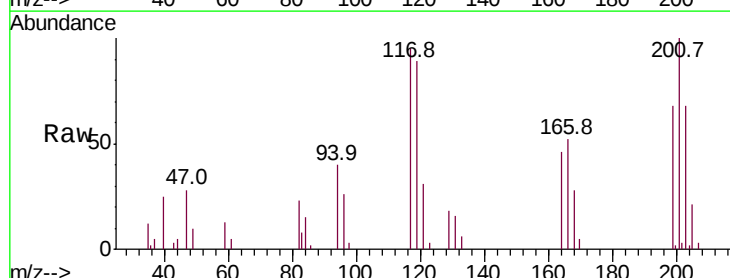
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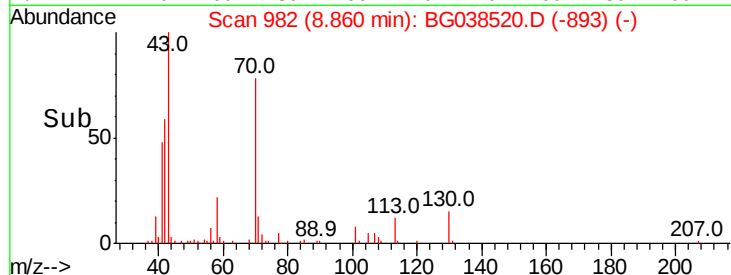
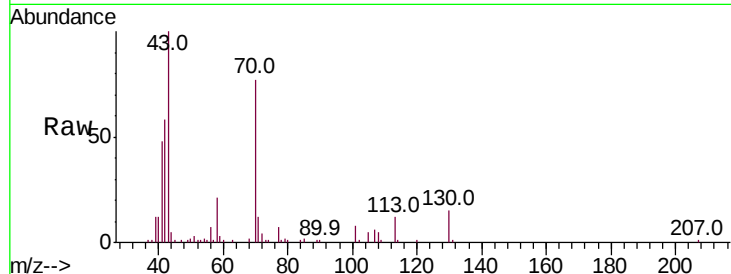
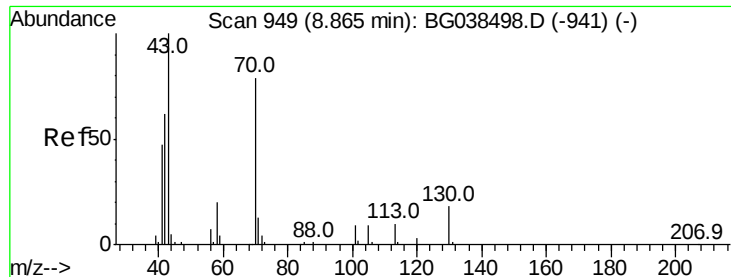
Sohil
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#18
Hexachloroethane
Concen: 31.200 ng
RT: 9.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BG038520.D
Acq: 13 Dec 2018 6:17

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.8	73.8	110.8	
201	108.7	89.4	134.0	





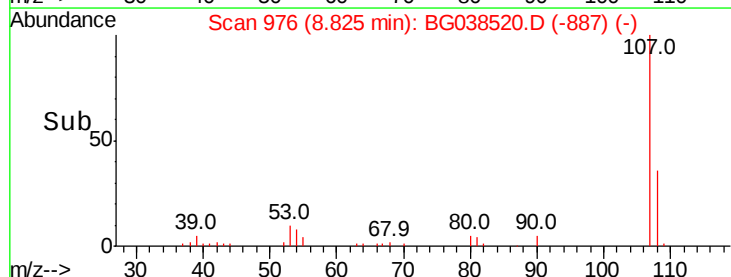
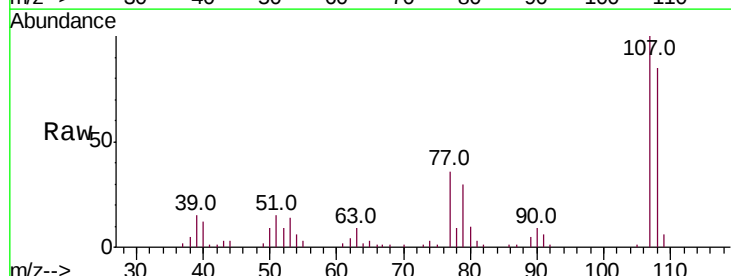
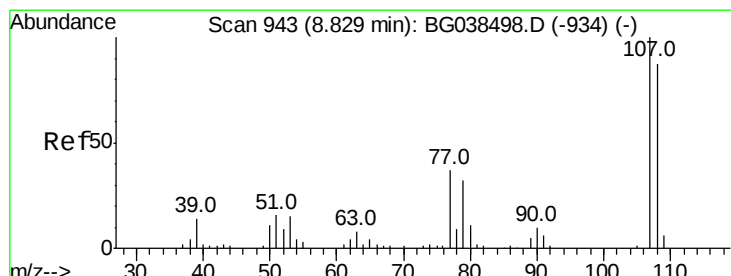
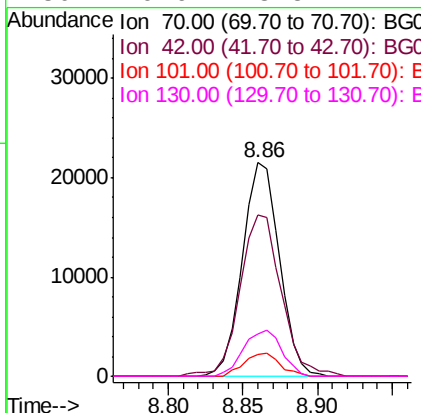
#19
n-Nitroso-di-n-propylamine
Concen: 34.100 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.00 min
Lab File: BG038520.D
Acq: 13 Dec 2018 6:17

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		36876		
42	75.3	63.6	95.4		
101	10.0	9.2	13.8		
130	19.6	18.5	27.7		

Instrument :
BNA_G
ClientSampleId :
PB115618BS

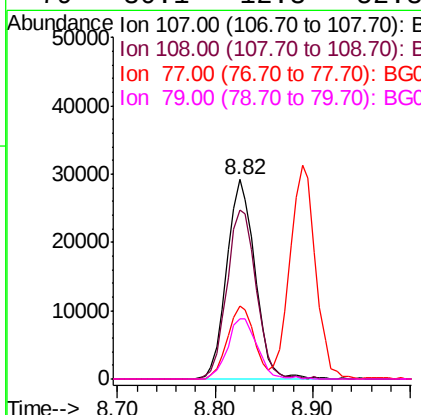
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#20
3+4-Methylphenols
Concen: 38.937 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.00 min
Lab File: BG038520.D
Acq: 13 Dec 2018 6:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		58934		
108	84.9	66.7	106.7		
77	36.3	17.3	57.3		
79	30.1	12.3	52.3		





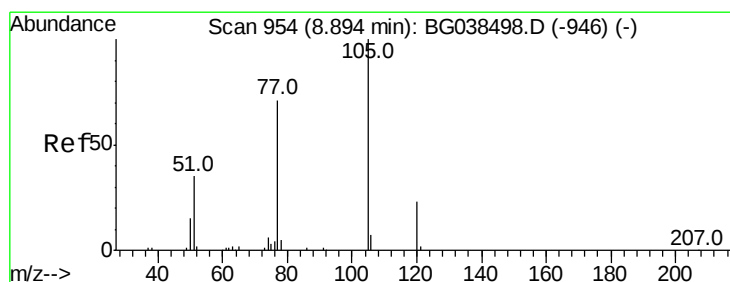
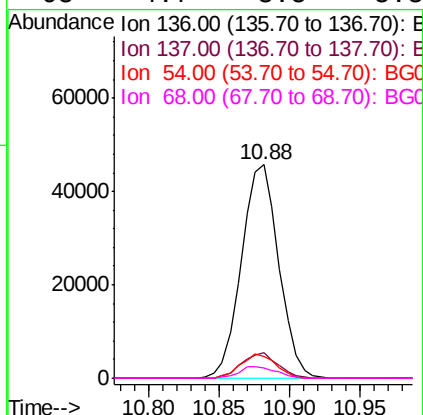
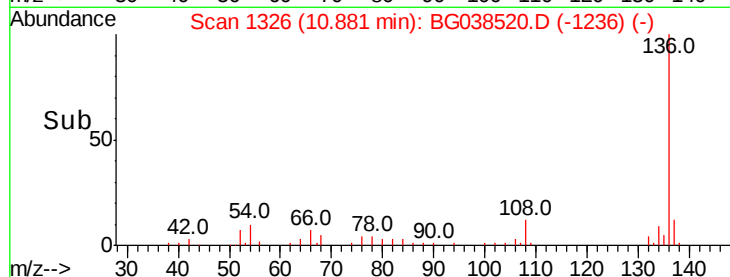
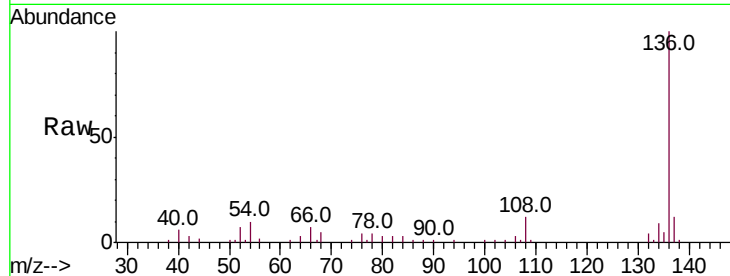
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BG038520.D
Acq: 13 Dec 2018 6:17

Instrument :
BNA_G
ClientSampleId :
PB115618BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	84681		
137	11.8	9.3	13.9	
54	10.3	8.5	12.7	
68	4.7	3.5	5.3	

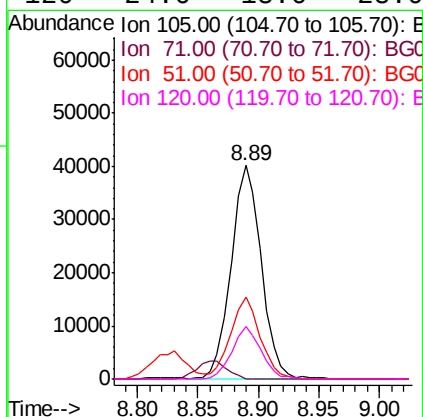
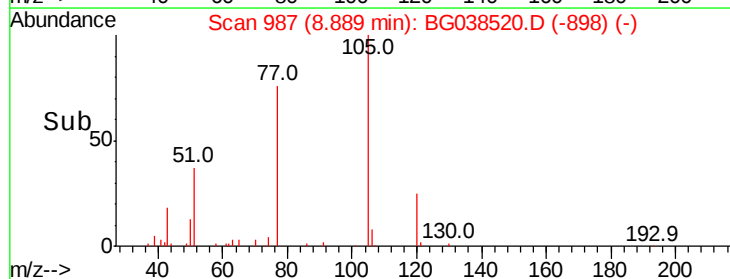
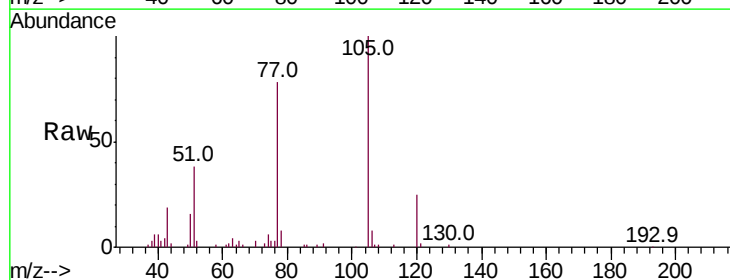
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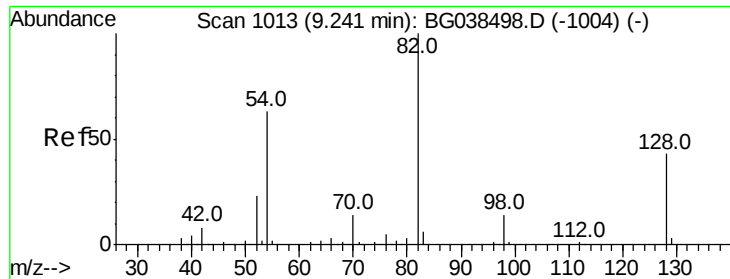
Sohil
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#22
Acetophenone
Concen: 33.050 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.00 min
Lab File: BG038520.D
Acq: 13 Dec 2018 6:17

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	69906		
71	0.0	0.4	0.6#	
51	38.2	30.6	46.0	
120	24.6	18.6	28.0	





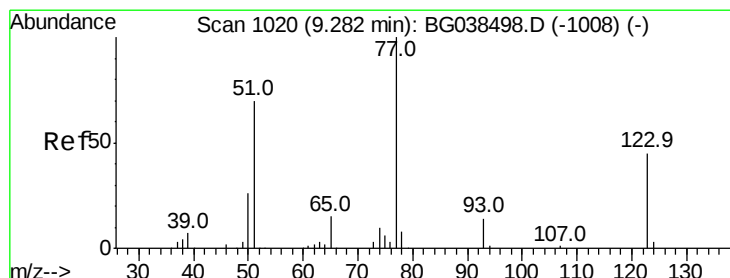
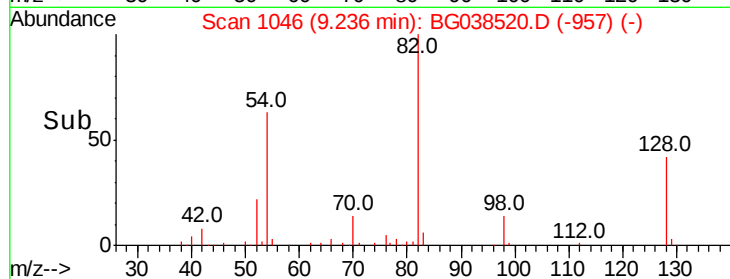
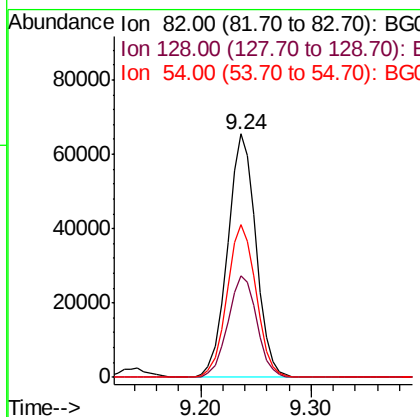
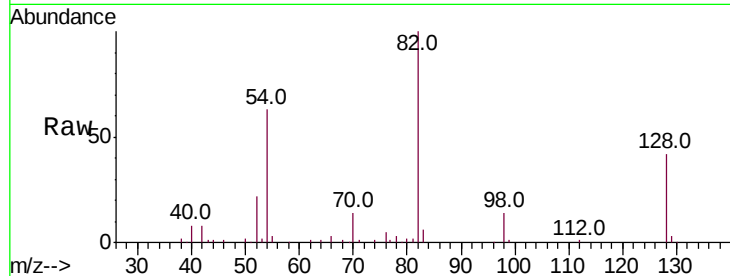
#23
Nitrobenzene-d5
Concen: 71.053 ng
RT: 9.24 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BG038520.D
Acq: 13 Dec 2018 6:17

Instrument :
BNA_G
ClientSampleId :
PB115618BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.8	34.6	52.0
54	62.6	50.6	76.0

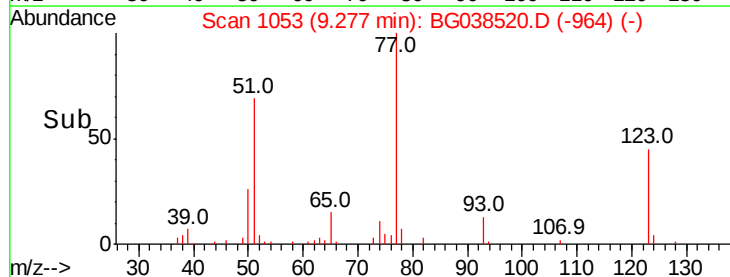
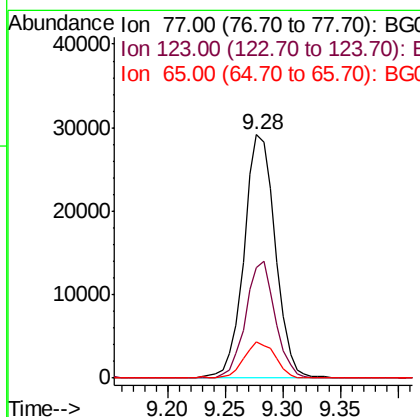
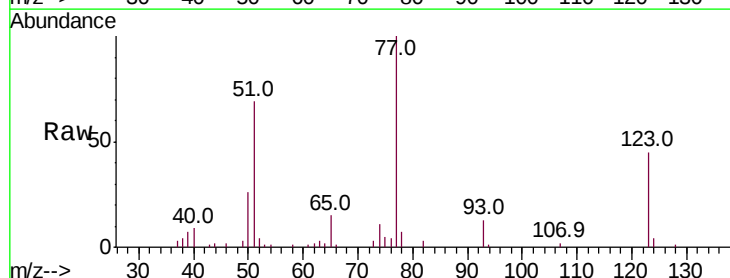
Manual Integrations
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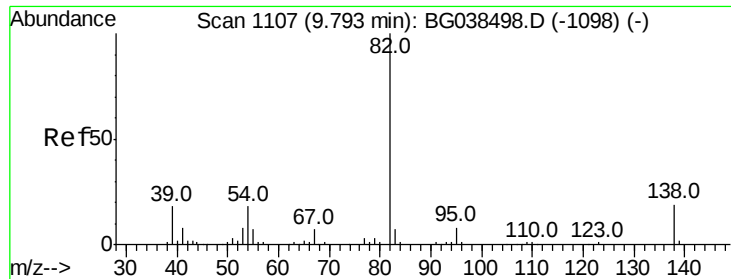
Sohil
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#24
Nitrobenzene
Concen: 32.752 ng
RT: 9.28 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BG038520.D
Acq: 13 Dec 2018 6:17

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.3	35.9	53.9
65	14.8	12.0	18.0





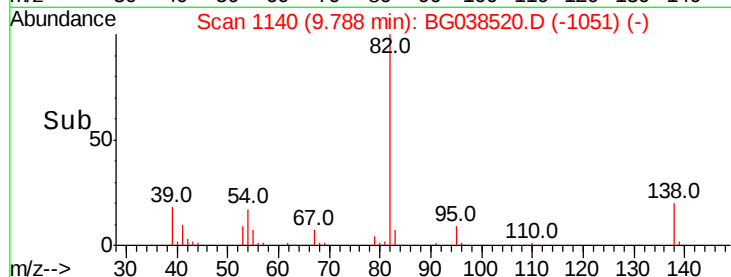
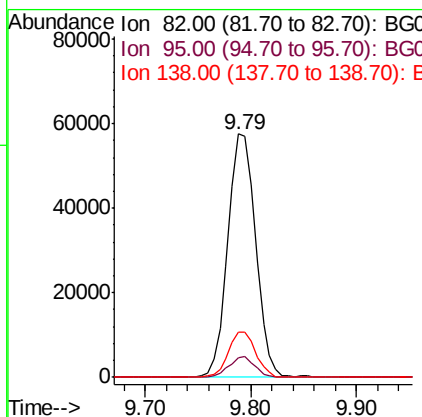
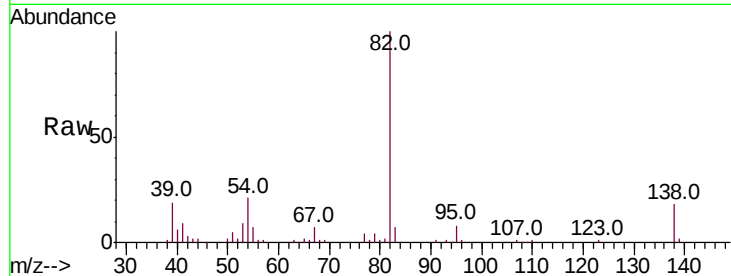
#25
Isophorone
Concen: 35.246 ng
RT: 9.79 min Scan# 1140
Delta R.T. -0.00 min
Lab File: BG038520.D
Acq: 13 Dec 2018 6:17

Instrument :
BNA_G
ClientSampleId :
PB115618BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	8.1	6.1	9.1	
138	18.5	14.9	22.3	

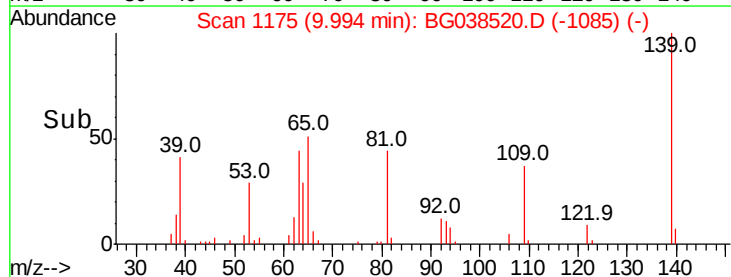
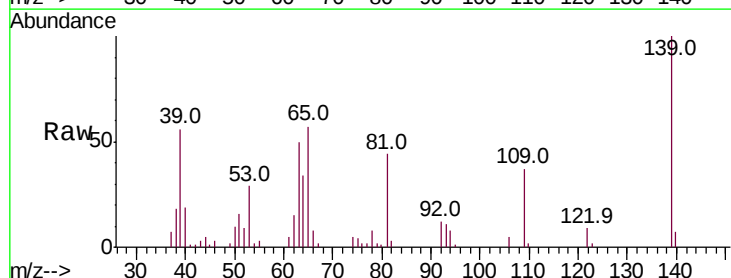
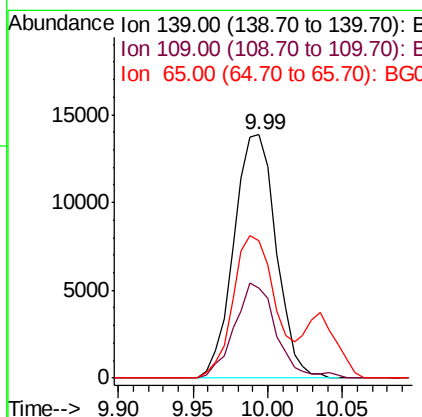
Manual Integrations
APPROVED

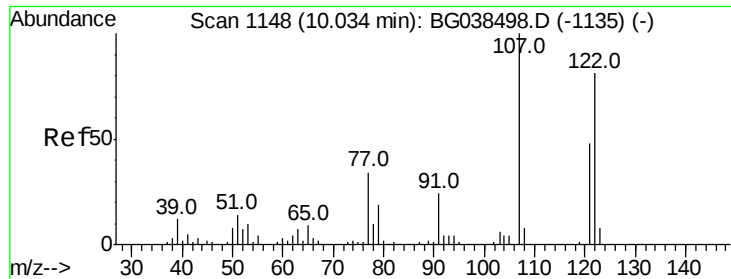
Sohil
12/13/2018 3:07:06 PM



#26
2-Nitrophenol
Concen: 31.777 ng
RT: 9.99 min Scan# 1175
Delta R.T. 0.00 min
Lab File: BG038520.D
Acq: 13 Dec 2018 6:17

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	37.1	29.5	44.3	
65	56.6	48.5	72.7	





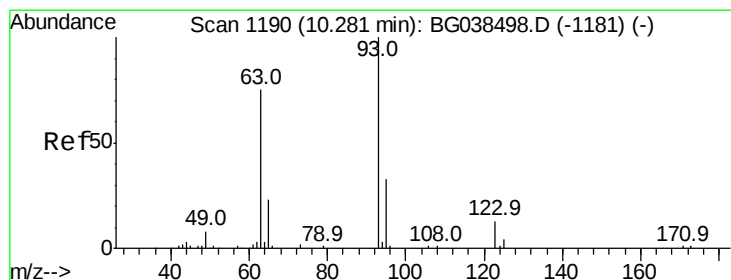
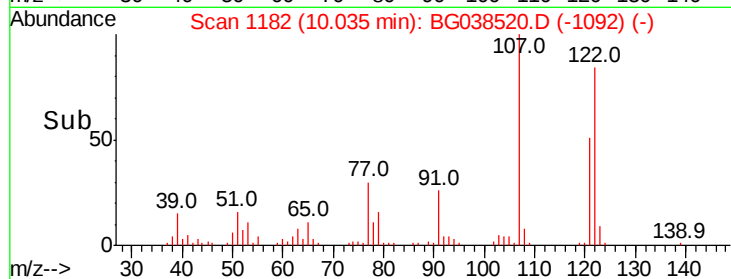
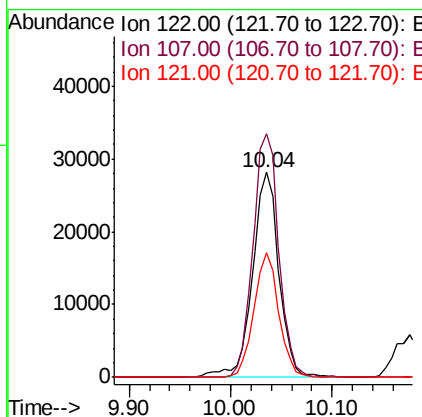
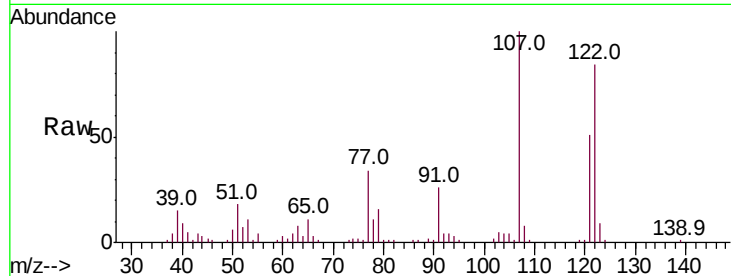
#27
2,4-Dimethylphenol
Concen: 41.353 ng
RT: 10.04 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BG038520.D
Acq: 13 Dec 2018 6:17

Instrument :
BNA_G
ClientSampleId :
PB115618BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	119.0	98.4	147.6
121	60.7	47.2	70.8

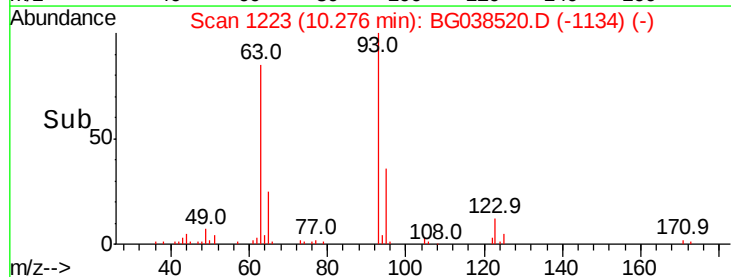
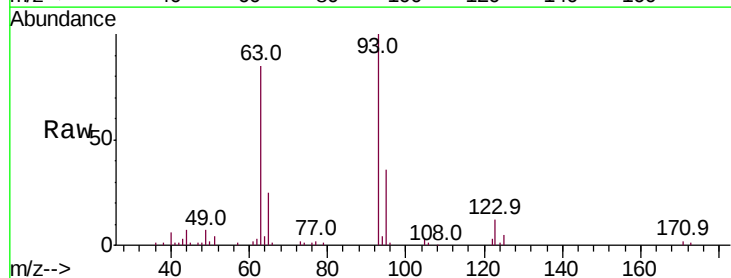
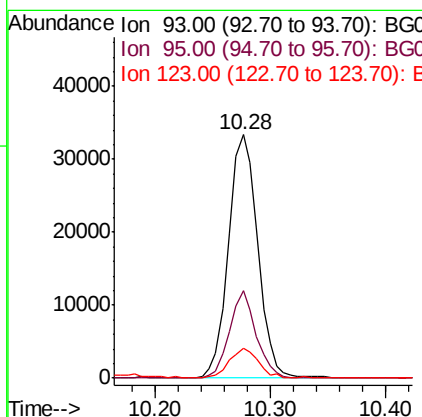
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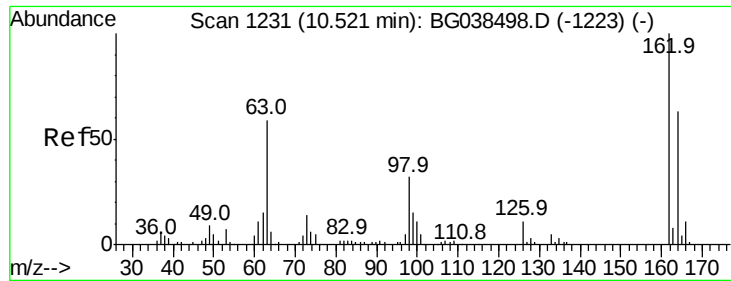
Sohil
12/13/2018 3:07:06 PM



#28
bis(2-Chloroethoxy)methane
Concen: 34.906 ng
RT: 10.28 min Scan# 1223
Delta R.T. -0.00 min
Lab File: BG038520.D
Acq: 13 Dec 2018 6:17

Tgt Ion	Ratio	Lower	Upper
93	100		
95	35.7	26.6	40.0
123	12.4	10.6	16.0





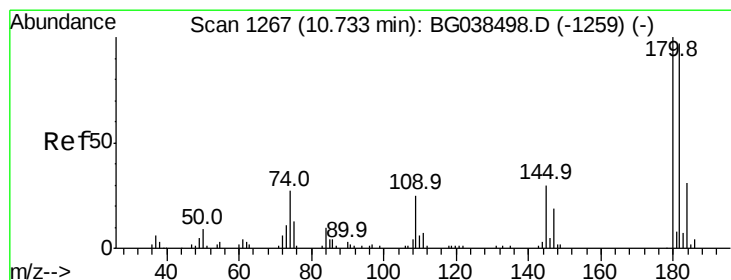
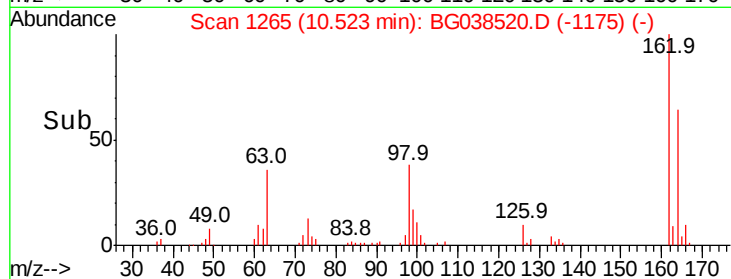
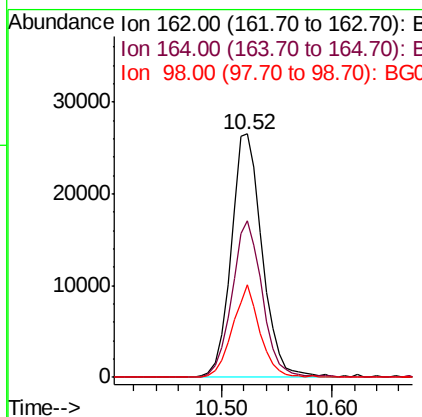
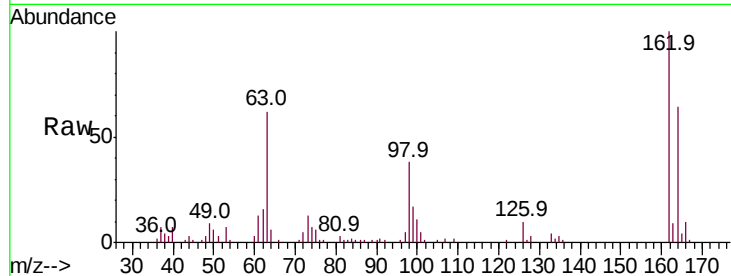
#29
 2,4-Dichlorophenol
 Concen: 37.992 ng
 RT: 10.52 min Scan# 1265
 Delta R.T. 0.00 min
 Lab File: BG038520.D
 Acq: 13 Dec 2018 6:17

Instrument :
 BNA_G
 ClientSampleId :
 PB115618BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	51987		
164	64.4	42.9	82.9	
98	37.8	12.1	52.1	

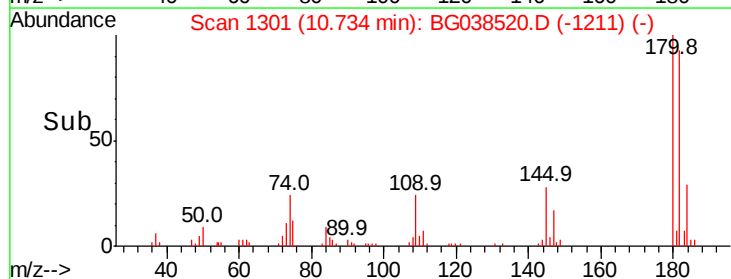
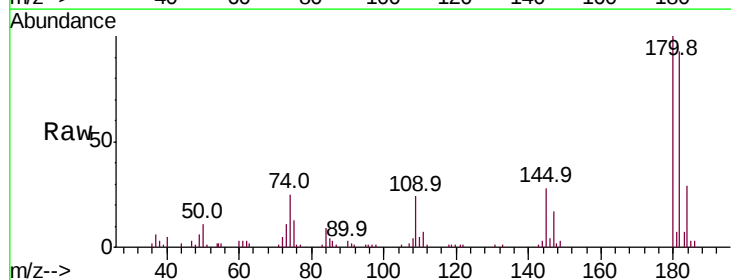
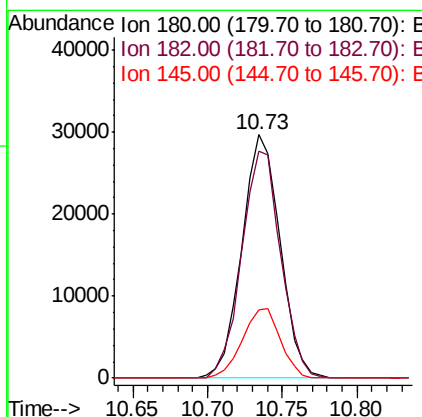
Manual Integrations
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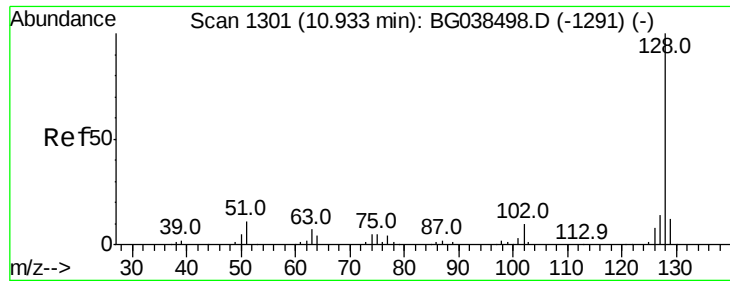
Sohil
 12/13/2018 3:07:06 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 31.717 ng
 RT: 10.73 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BG038520.D
 Acq: 13 Dec 2018 6:17

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	52424		
182	93.4	77.4	116.0	
145	28.0	24.1	36.1	





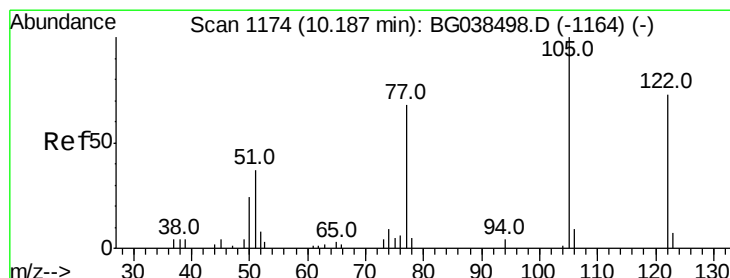
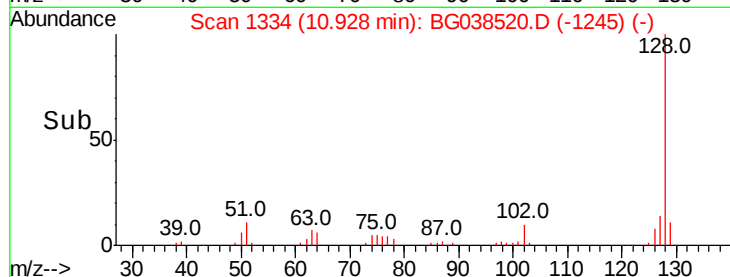
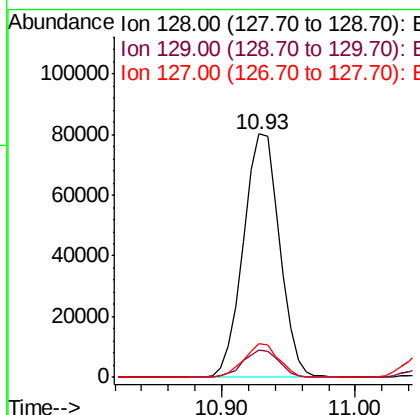
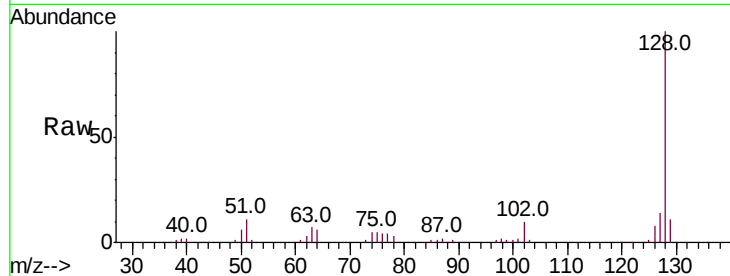
#31
Naphthalene
Concen: 36.064 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BG038520.D
Acq: 13 Dec 2018 6:17

Instrument :
BNA_G
ClientSampled :
PB115618BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.5	14.3
127	13.7	10.9	16.3

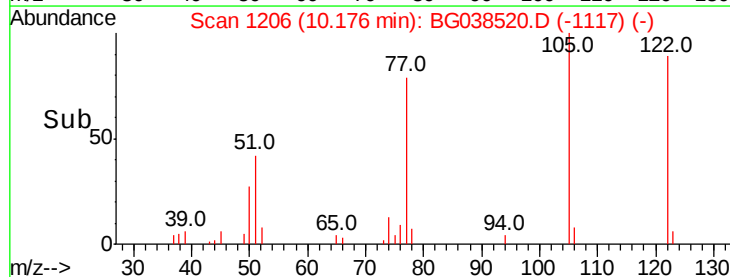
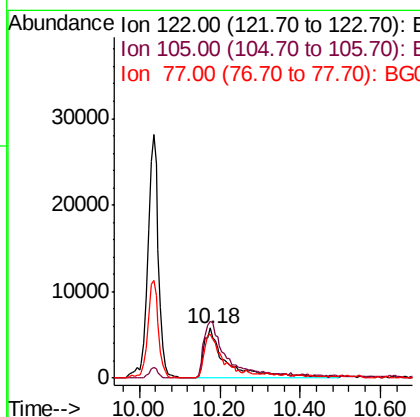
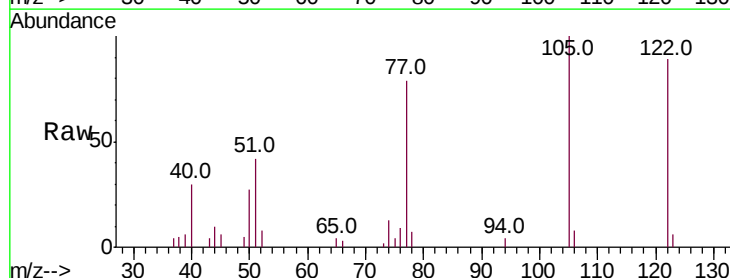
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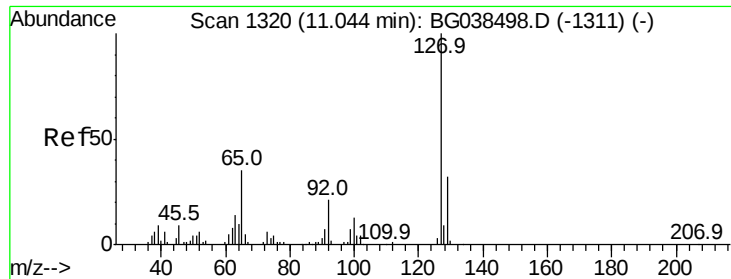
Sohil
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#32
Benzoic acid
Concen: 33.059 ng m
RT: 10.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BG038520.D
Acq: 13 Dec 2018 6:17

Tgt Ion	Ratio	Lower	Upper
122	100		
105	112.5	116.7	156.7#
77	88.5	72.5	112.5





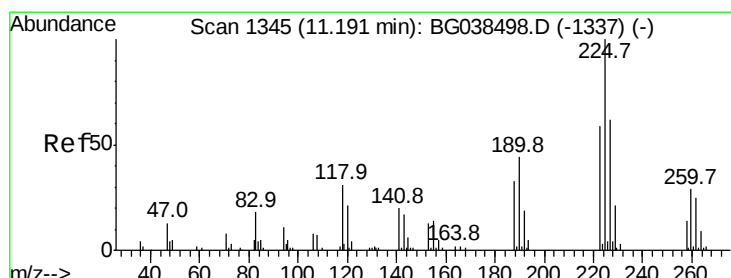
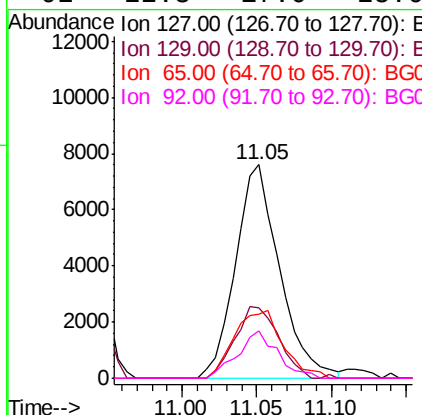
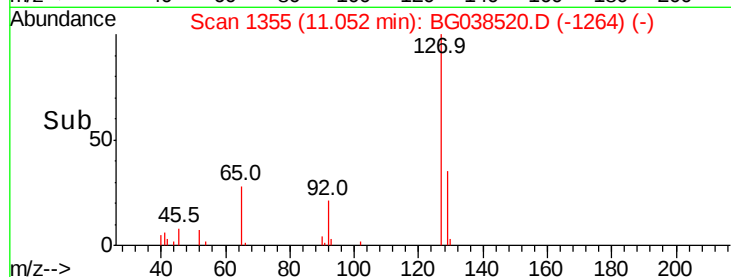
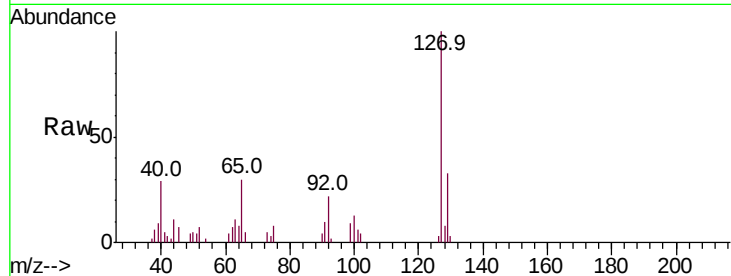
#33
4-Chloroaniline
Concen: 8.611 ng
RT: 11.05 min Scan# 1355
Delta R.T. 0.01 min
Lab File: BG038520.D
Acq: 13 Dec 2018 6:17

Instrument :
BNA_G
ClientSampleId :
PB115618BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.7	25.8	38.8	
65	29.7	27.8	41.6	
92	22.3	17.0	25.6	

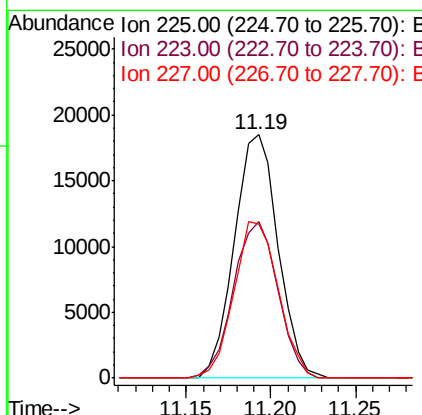
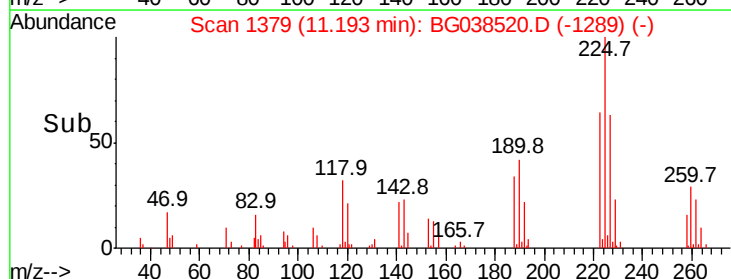
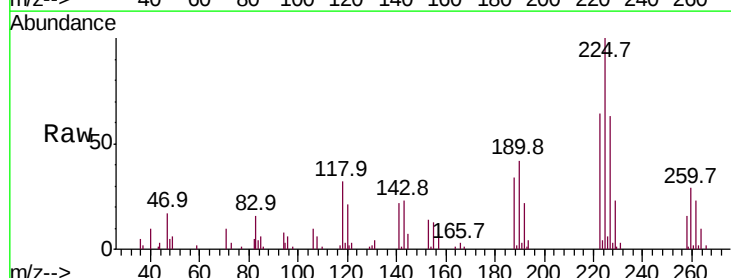
Manual Integrations
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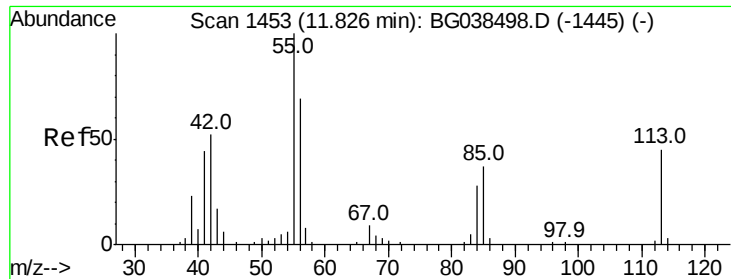
Sohil
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#34
Hexachlorobutadiene
Concen: 29.809 ng
RT: 11.19 min Scan# 1379
Delta R.T. 0.00 min
Lab File: BG038520.D
Acq: 13 Dec 2018 6:17

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.6	45.0	67.6	
227	63.0	50.6	75.8	





#35

Caprolactam

Concen: 35.883 ng/ml

RT: 11.82 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BG038520.D

Acq: 13 Dec 2018 6:17

Instrument :

BNA_G

ClientSampleId :

PB115618BS

Tot Ion:113 Resp: 20320

Ion Ratio Lower Upper

113 100

55 198.8 204.3 244.3#

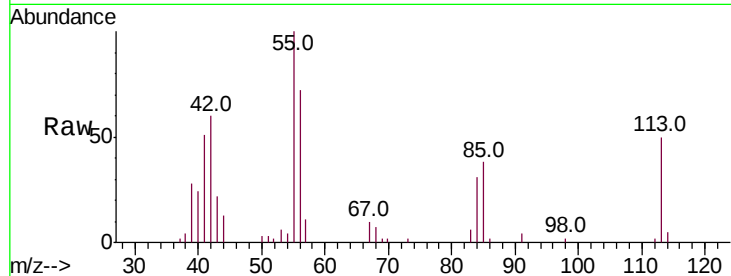
56 142.9 135.0 175.0

Manual Integrations

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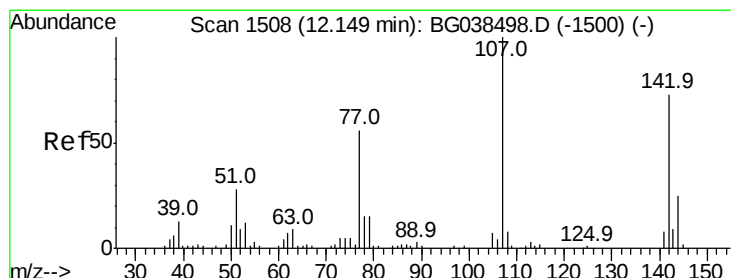
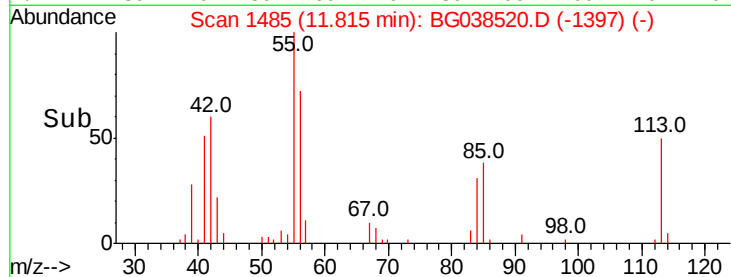
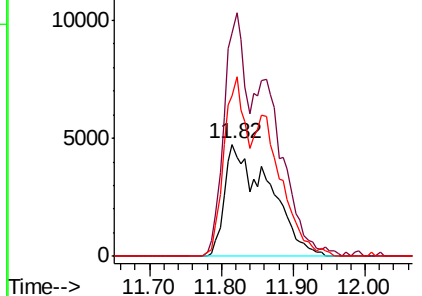
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 37.520 ng/ml

RT: 12.15 min Scan# 1542

Delta R.T. 0.00 min

Lab File: BG038520.D

Acq: 13 Dec 2018 6:17

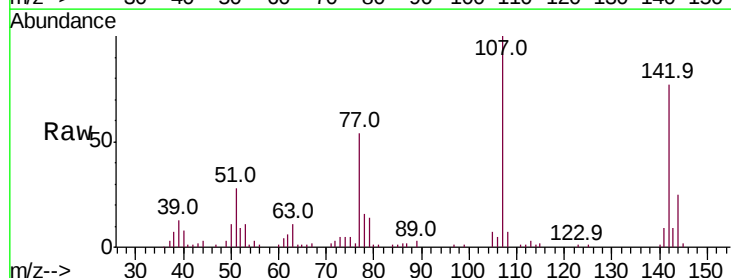
Tgt Ion:107 Resp: 58589

Ion Ratio Lower Upper

107 100

144 25.2 20.1 30.1

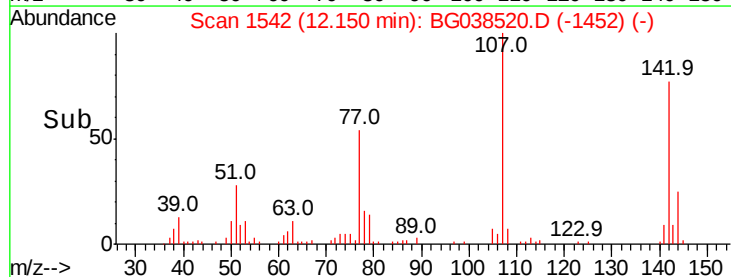
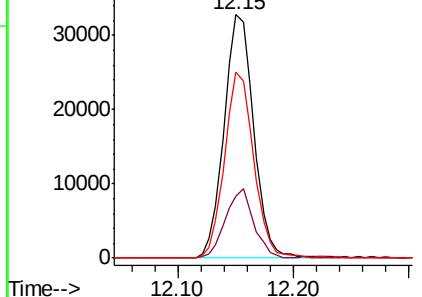
142 76.5 58.7 88.1

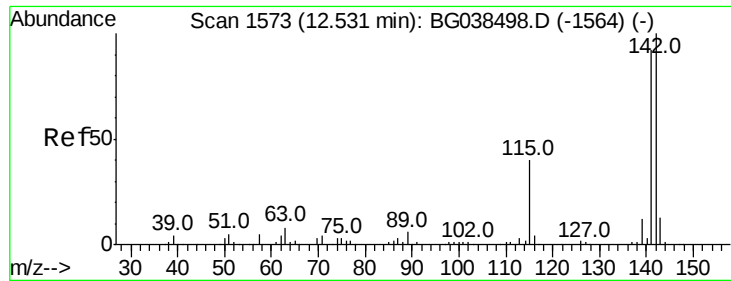


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





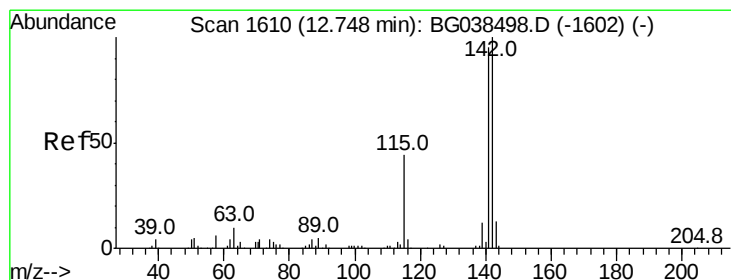
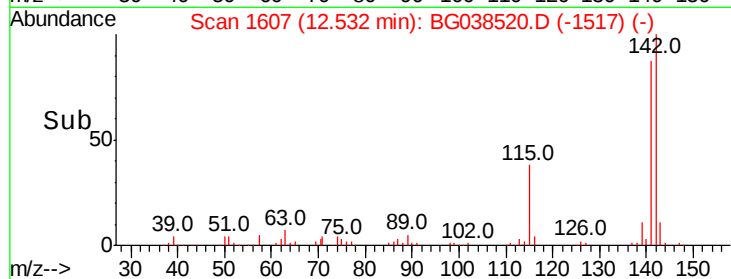
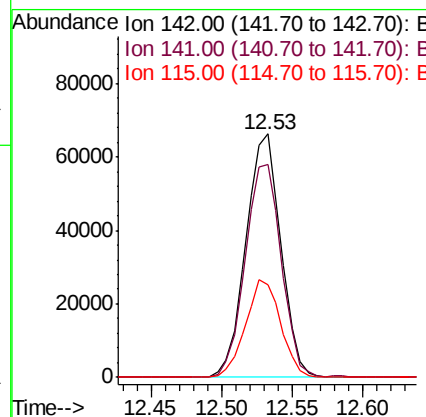
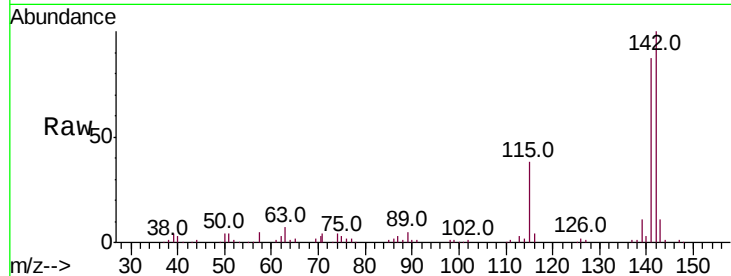
#37
2-Methylnaphthalene
Concen: 38.591 ng
RT: 12.53 min Scan# 1607
Delta R.T. 0.00 min
Lab File: BG038520.D
Acq: 13 Dec 2018 6:17

Instrument :
BNA_G
ClientSampleId :
PB115618BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.2	73.5	110.3
115	38.1	31.7	47.5

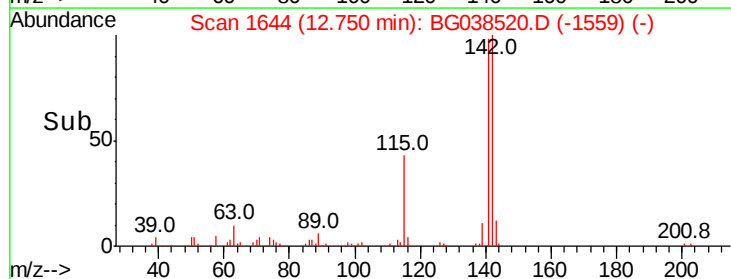
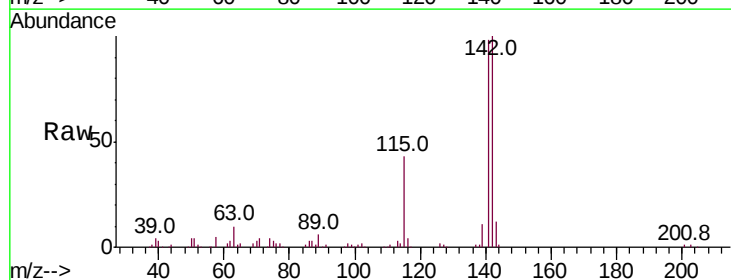
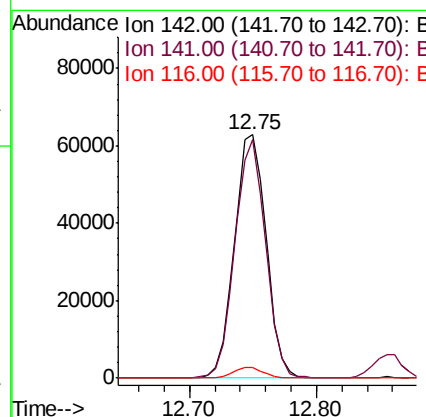
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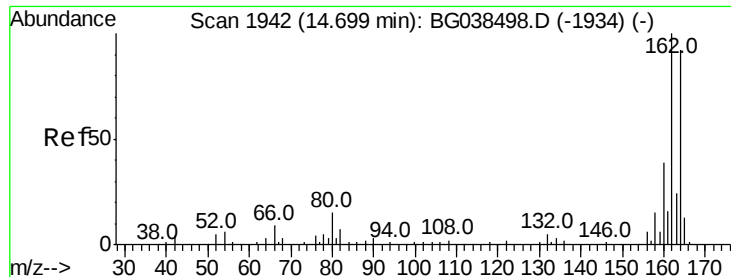
Sohil
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#38
1-Methylnaphthalene
Concen: 37.564 ng
RT: 12.75 min Scan# 1644
Delta R.T. 0.00 min
Lab File: BG038520.D
Acq: 13 Dec 2018 6:17

Tgt Ion	Ratio	Lower	Upper
142	100		
141	97.7	75.8	113.8
116	4.3	3.6	5.4





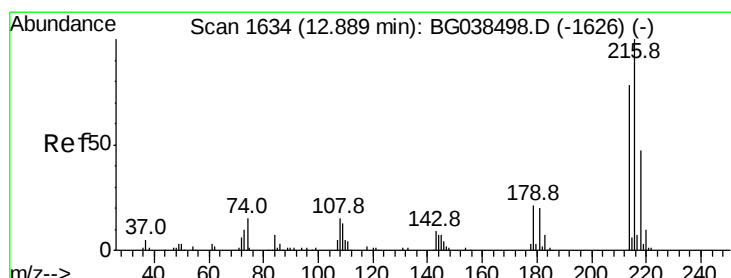
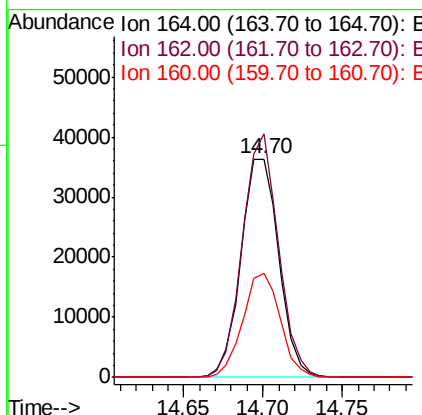
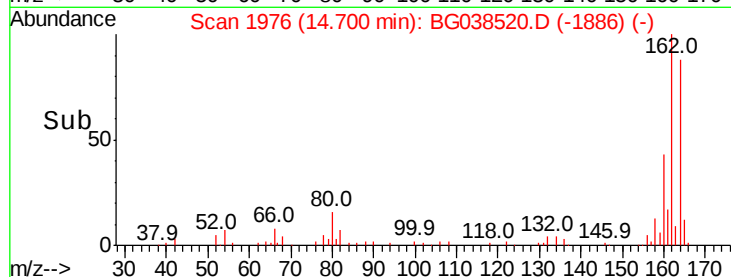
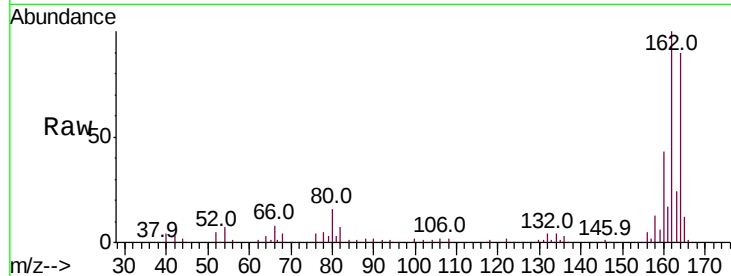
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. 0.00 min
Lab File: BG038520.D
Acq: 13 Dec 2018 6:17

Instrument :
BNA_G
ClientSampleID :
PB115618BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	111.5	86.6	130.0
160	47.8	34.2	51.2

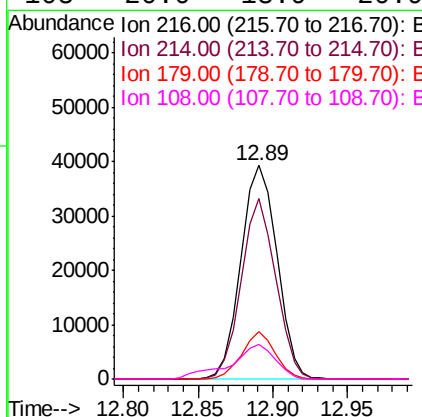
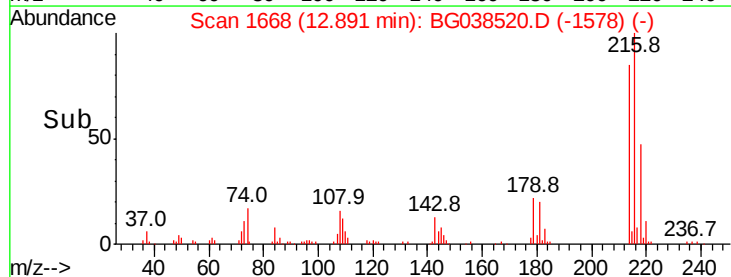
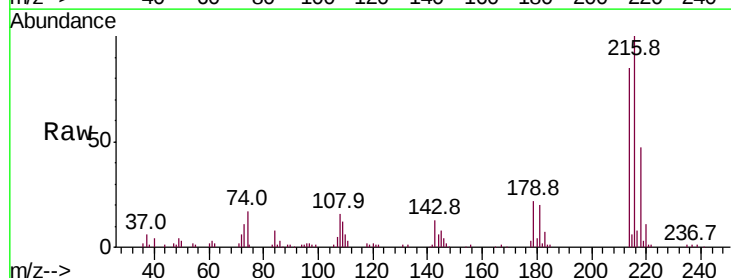
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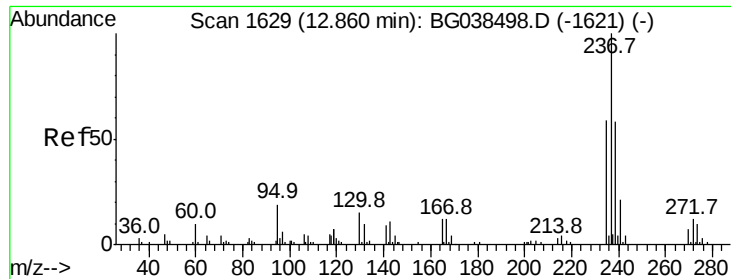
Sohil
12/13/2018 3:07:06 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 29.193 ng
RT: 12.89 min Scan# 1668
Delta R.T. 0.00 min
Lab File: BG038520.D
Acq: 13 Dec 2018 6:17

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.7	64.1	96.1
179	20.5	16.4	24.6
108	20.0	13.9	20.9





#41

Hexachlorocyclopentadiene

Concen: 70.581 ng

RT: 12.86 min Scan# 1662

Delta R.T. -0.00 min

Lab File: BG038520.D

Acq: 13 Dec 2018 6:17

Instrument :

BNA_G

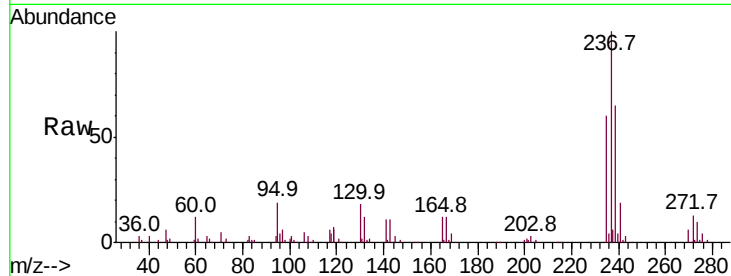
ClientSampleId :

PB115618BS

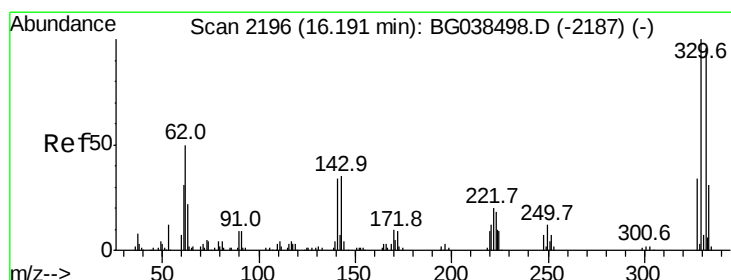
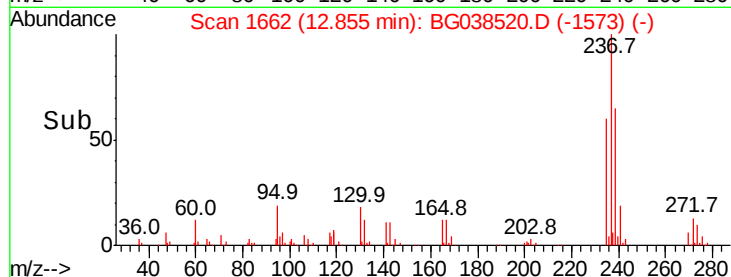
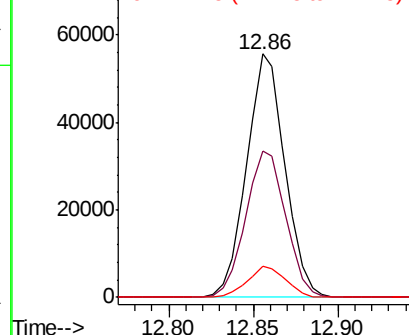
Tot Ion:	237	Resp:	87354
Ion Ratio	Lower	Upper	
237	100		
235	60.1	38.8	78.8
272	12.9	0.0	32.0

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



#42

2,4,6-Tribromophenol

Concen: 117.726 ng

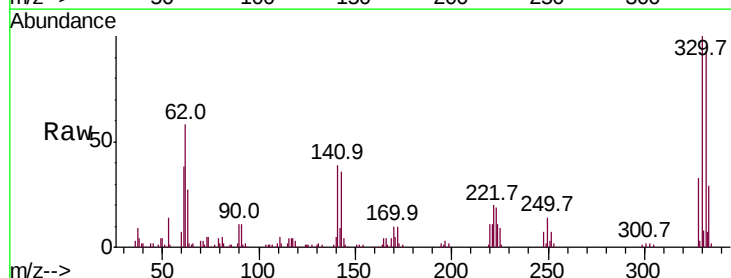
RT: 16.19 min Scan# 2229

Delta R.T. -0.00 min

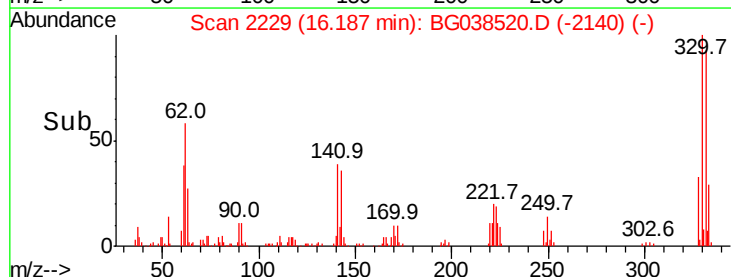
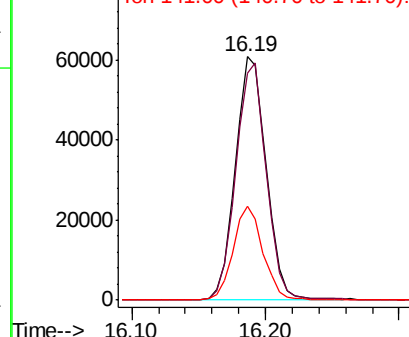
Lab File: BG038520.D

Acq: 13 Dec 2018 6:17

Tgt Ion:	330	Resp:	97780
Ion Ratio	Lower	Upper	
330	100		
332	96.2	76.9	115.3
141	37.1	28.8	43.2



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





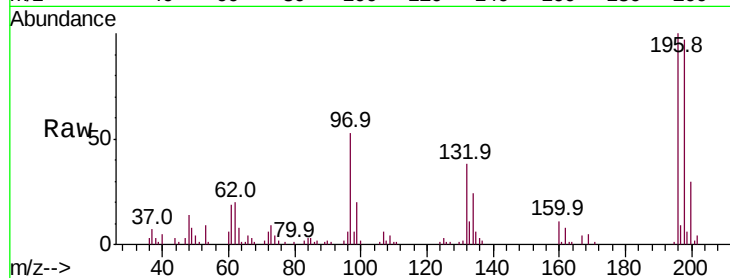
#43
 2,4,6-Trichlorophenol
 Concen: 33.819 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. 0.00 min
 Lab File: BG038520.D
 Acq: 13 Dec 2018 6:17

Instrument :
 BNA_G
 ClientSampleId :
 PB115618BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	46843		
198	96.6	75.0	112.4	
200	30.1	22.4	33.6	

Manual Integrations
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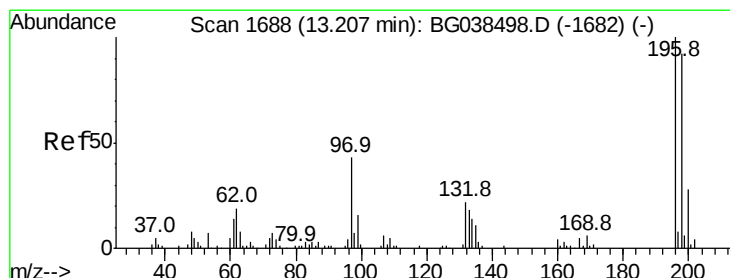
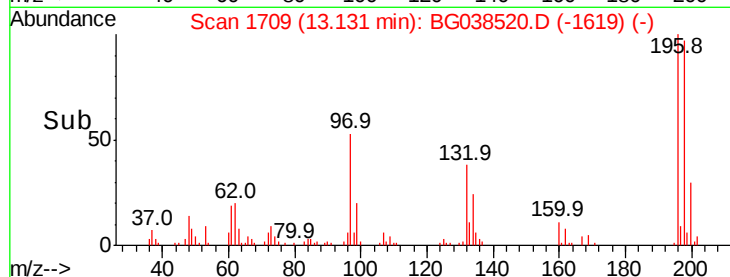
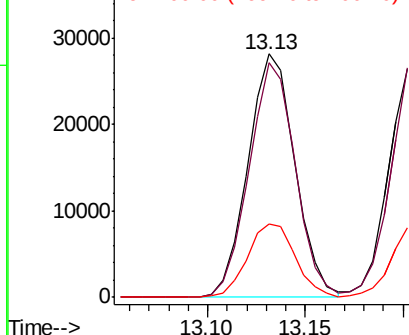


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 36.167 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. 0.00 min
 Lab File: BG038520.D
 Acq: 13 Dec 2018 6:17

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	53039		
198	97.7	74.0	111.0	
97	46.3	35.1	52.7	
132	23.0	18.0	27.0	

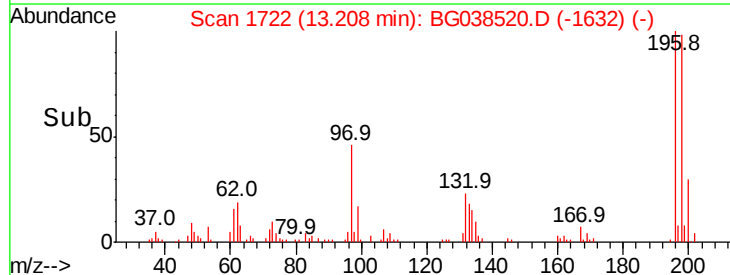
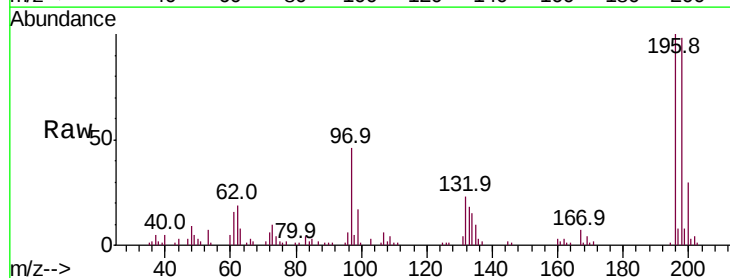
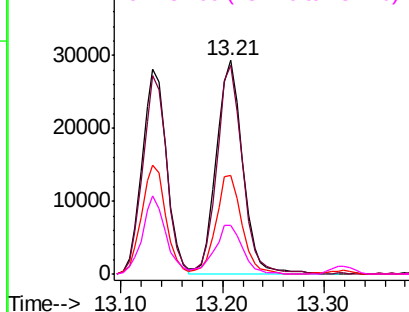
Abundance

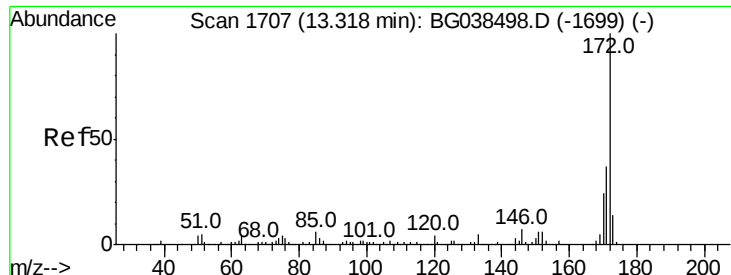
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E





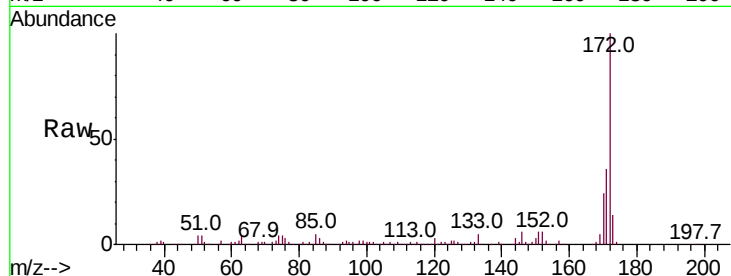
#45
2-Fluorobiphenyl
Concen: 67.759 ng
RT: 13.32 min Scan# 1741
Delta R.T. 0.00 min
Lab File: BG038520.D
Acq: 13 Dec 2018 6:17

Instrument :
BNA_G
ClientSampleId :
PB115618BS

Tot Ion	Ratio	Resp	Lower	Upper
172	100	297668		
171	36.5	29.8	44.6	
170	24.5	19.5	29.3	

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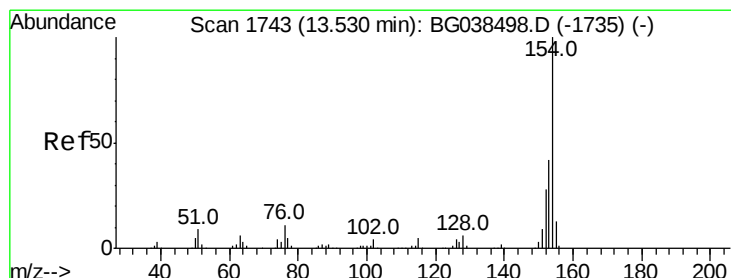
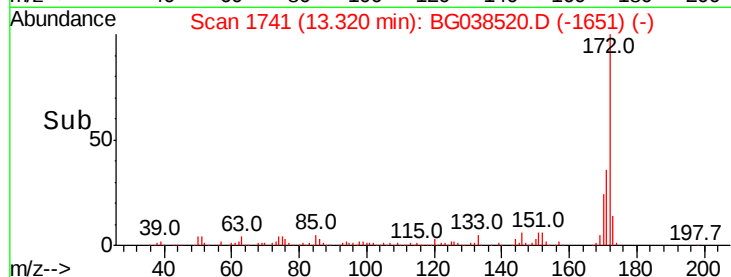
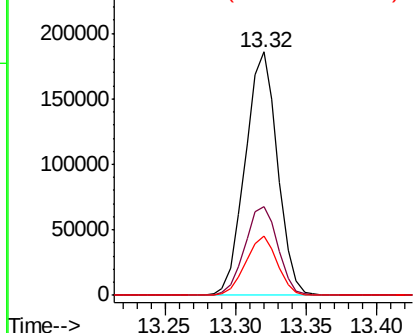


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 30.297 ng
RT: 13.53 min Scan# 1777
Delta R.T. 0.00 min
Lab File: BG038520.D
Acq: 13 Dec 2018 6:17

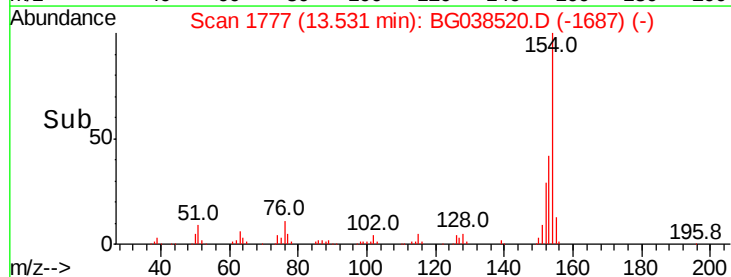
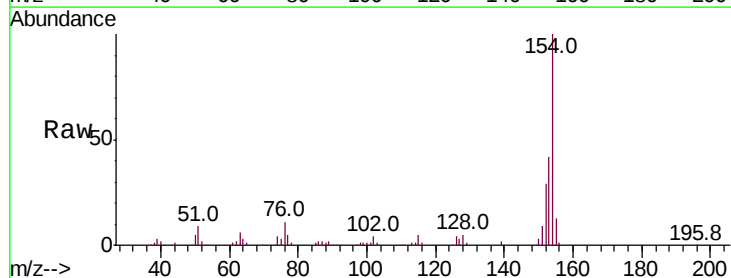
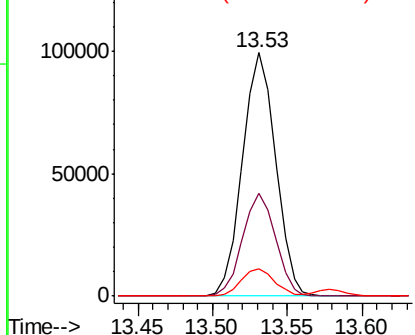
Tgt Ion	Ratio	Resp	Lower	Upper
154	100	153065		
153	42.4	22.1	62.1	
76	11.0	0.0	31.2	

Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC





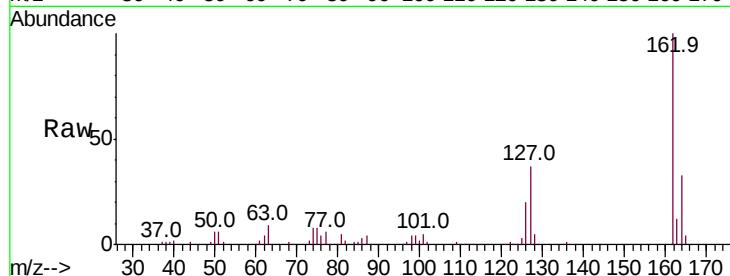
#47
2-Chloronaphthalene
Concen: 31.292 ng
RT: 13.58 min Scan# 1785
Delta R.T. -0.00 min
Lab File: BG038520.D
Acq: 13 Dec 2018 6:17

Instrument :
BNA_G
ClientSampleId :
PB115618BS

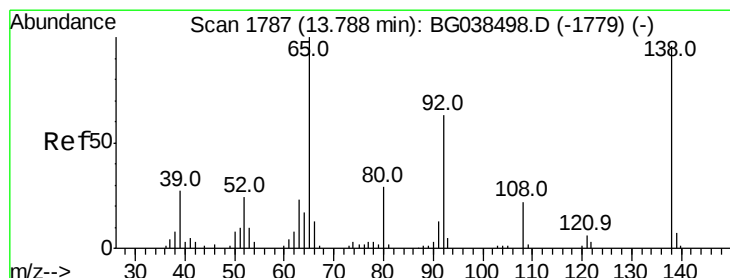
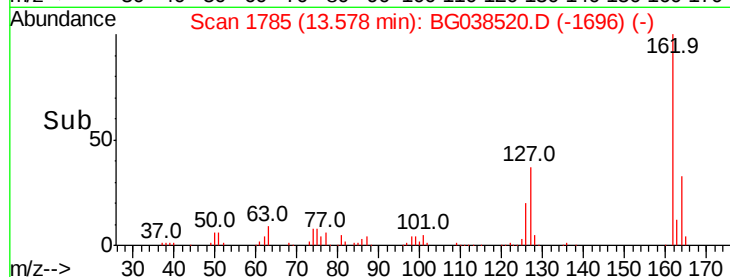
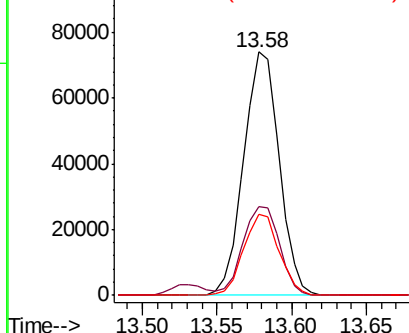
Tot Ion	Ratio	Lower	Upper
162	100		
127	36.6	27.8	41.8
164	33.4	26.9	40.3

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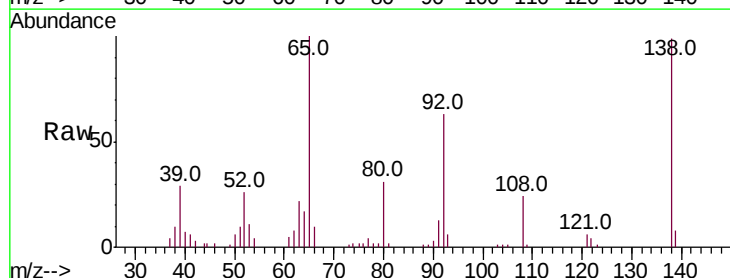


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

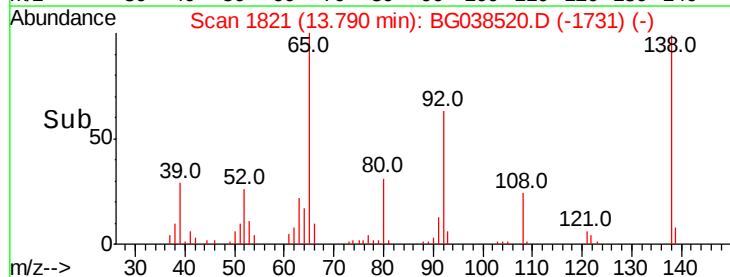
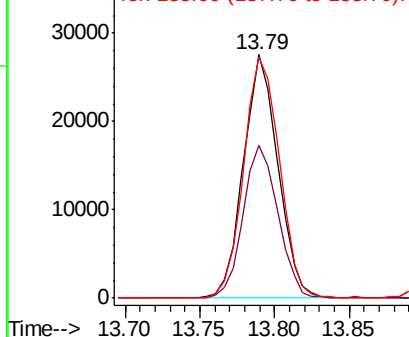


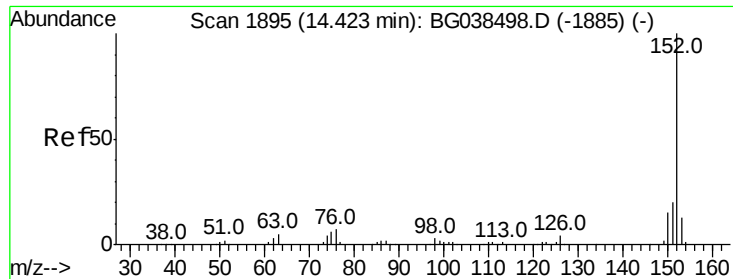
#48
2-Nitroaniline
Concen: 35.407 ng
RT: 13.79 min Scan# 1821
Delta R.T. 0.00 min
Lab File: BG038520.D
Acq: 13 Dec 2018 6:17

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.0	50.0	75.0
138	99.0	76.9	115.3



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





#49

Acenaphthylene

Concen: 36.020 ng

RT: 14.42 min Scan# 1929

Delta R.T. 0.00 min

Lab File: BG038520.D

Acq: 13 Dec 2018 6:17

Instrument :

BNA_G

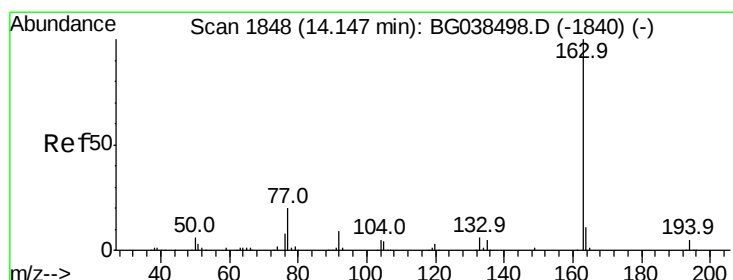
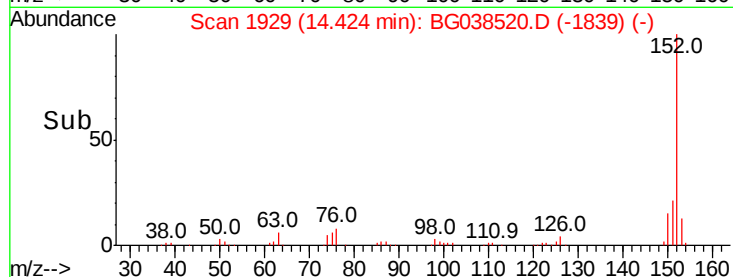
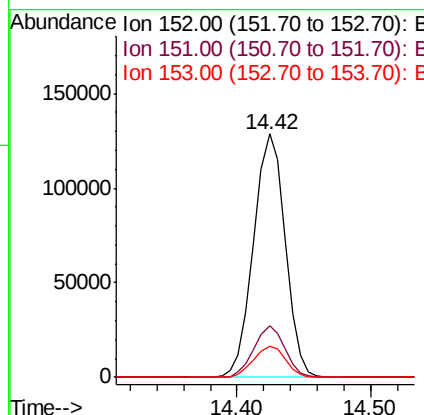
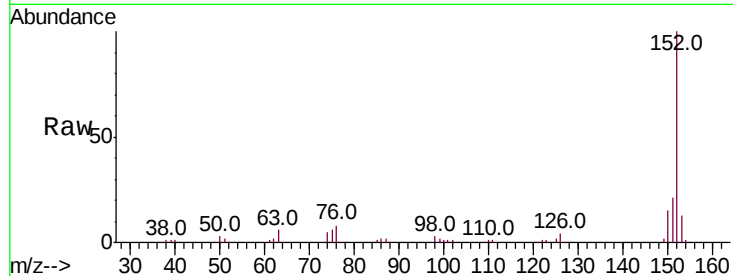
ClientSampleId :

PB115618BS

Tot Ion:	152	Resp:	210147
Ion Ratio	Lower	Upper	
152	100		
151	21.3	16.4	24.6
153	13.0	10.4	15.6

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#50

Dimethylphthalate

Concen: 35.283 ng

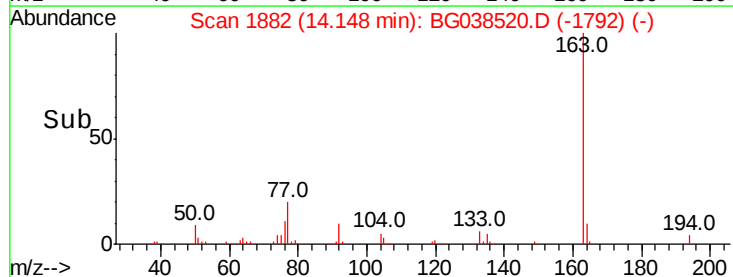
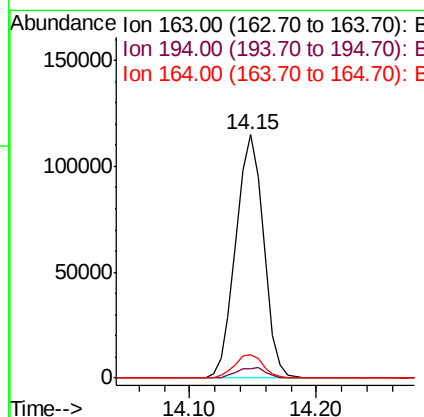
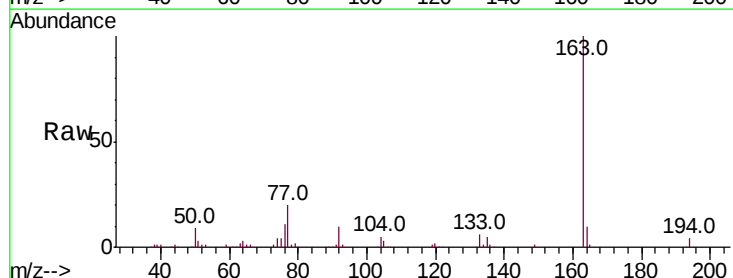
RT: 14.15 min Scan# 1882

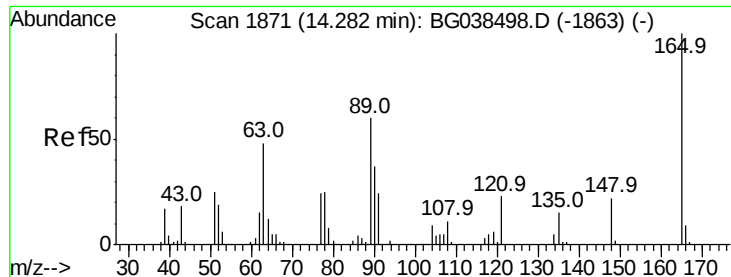
Delta R.T. 0.00 min

Lab File: BG038520.D

Acq: 13 Dec 2018 6:17

Tgt Ion:	163	Resp:	173648
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.7	5.5
164	9.5	8.6	12.8





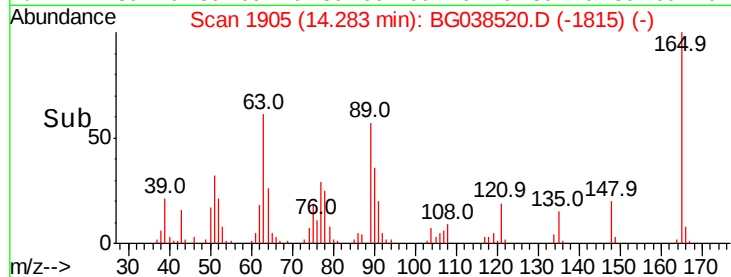
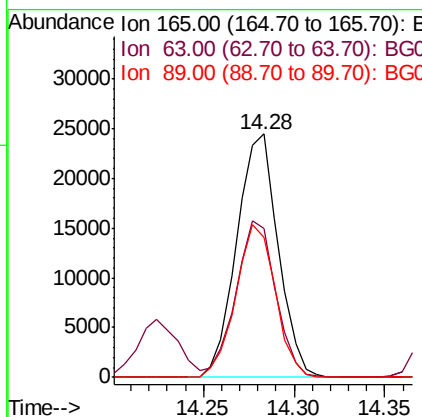
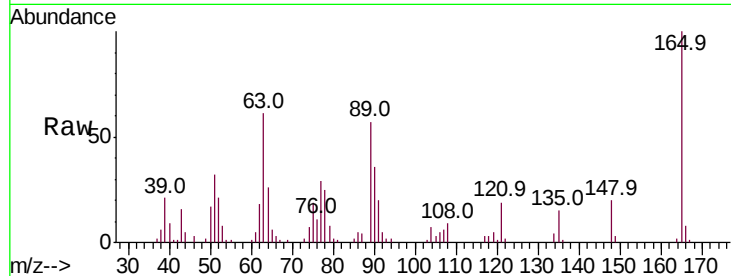
#51
 2,6-Dinitrotoluene
 Concen: 34.749 ng
 RT: 14.28 min Scan# 1905
 Delta R.T. 0.00 min
 Lab File: BG038520.D
 Acq: 13 Dec 2018 6:17

Instrument :
 BNA_G
 ClientSampleID :
 PB115618BS

Tot Ion:	165	Resp:	38756
Ion Ratio	Lower	Upper	
165	100		
63	61.0	51.8	77.6
89	57.4	47.9	71.9

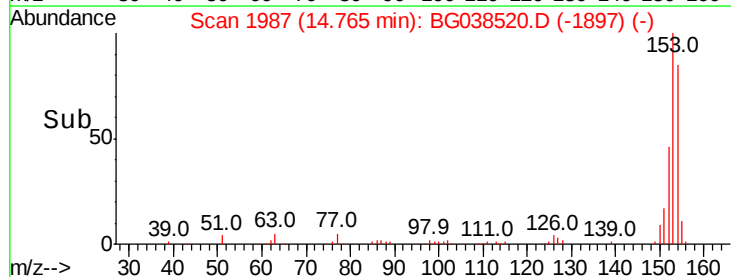
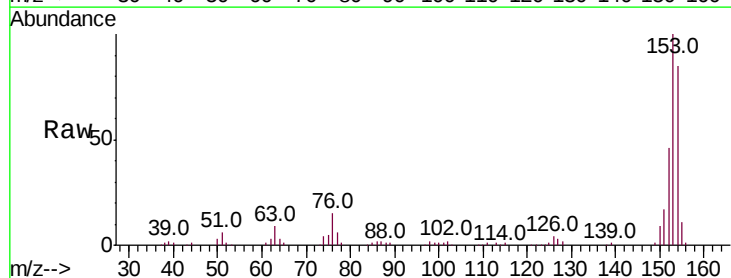
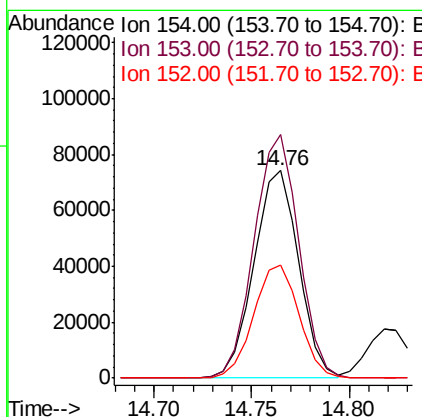
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#52
 Acenaphthene
 Concen: 33.757 ng
 RT: 14.76 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: BG038520.D
 Acq: 13 Dec 2018 6:17

Tgt Ion:	154	Resp:	117767
Ion Ratio	Lower	Upper	
154	100		
153	117.5	90.6	136.0
152	54.6	43.5	65.3





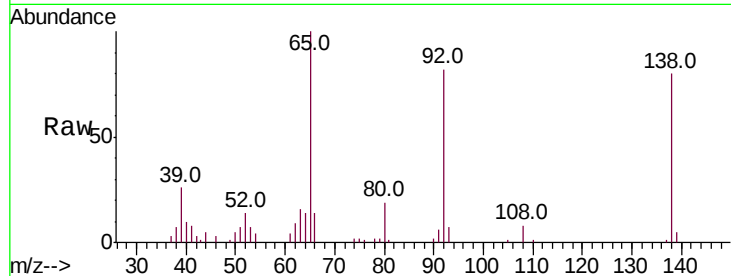
#53
3-Nitroaniline
Concen: 18.504 ng
RT: 14.62 min Scan# 1962
Delta R.T. 0.00 min
Lab File: BG038520.D
Acq: 13 Dec 2018 6:17

Instrument :
BNA_G
ClientSampleId :
PB115618BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.3	7.9	11.9
92	102.4	95.3	142.9

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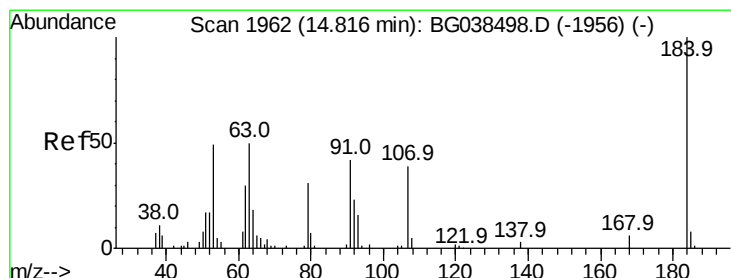
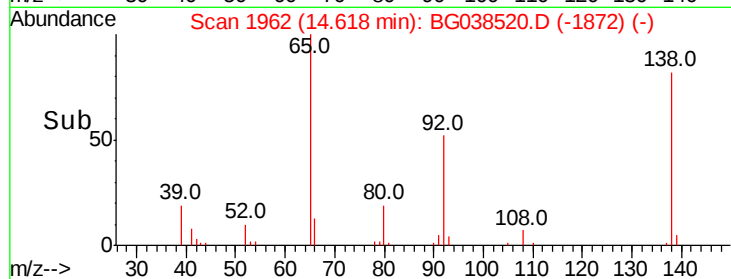
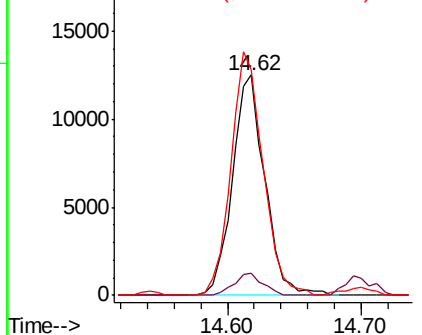


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54
2,4-Dinitrophenol
Concen: 69.869 ng
RT: 14.82 min Scan# 1997
Delta R.T. 0.01 min
Lab File: BG038520.D
Acq: 13 Dec 2018 6:17

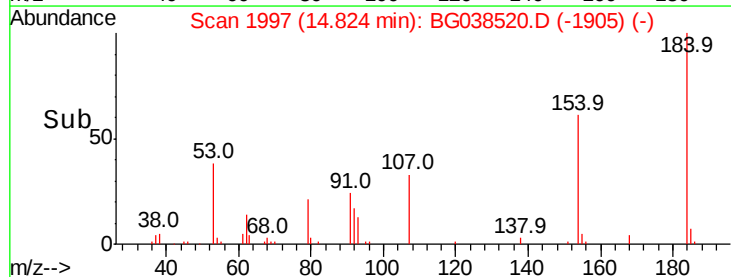
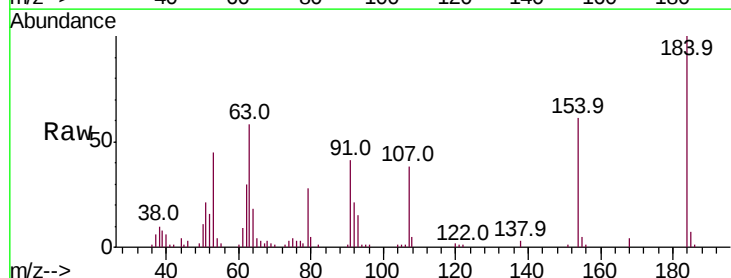
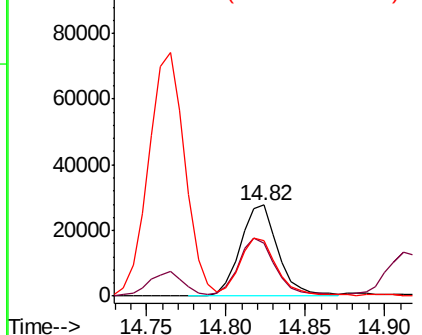
Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.1	47.0	70.6
154	61.2	50.3	75.5

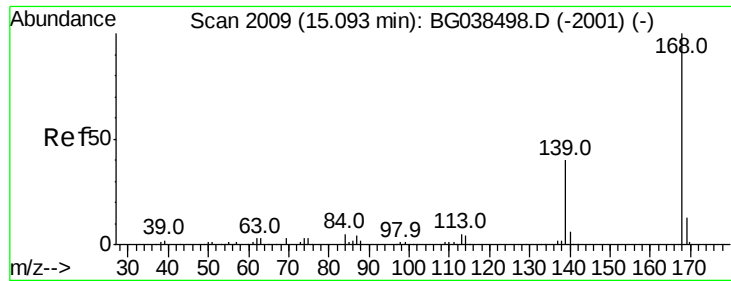
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





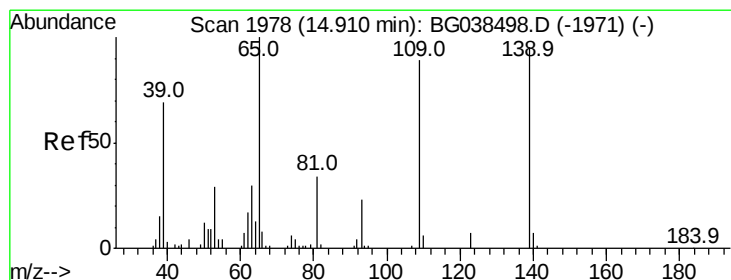
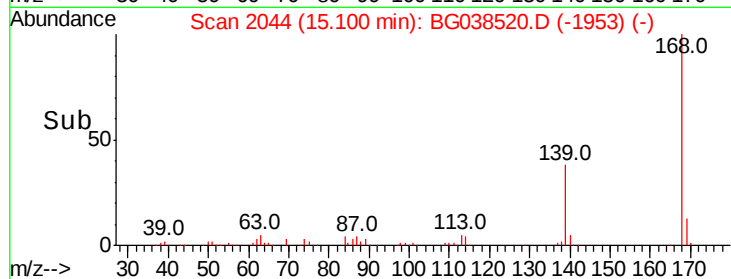
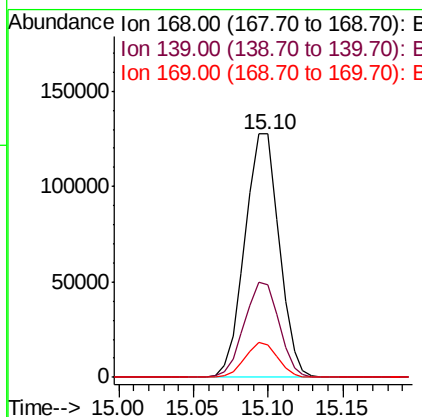
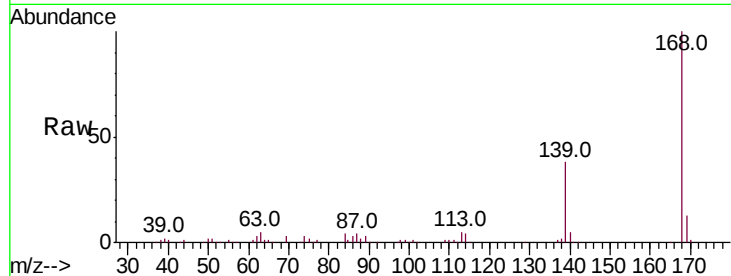
#55
Dibenzenofuran
Concen: 33.993 ng
RT: 15.10 min Scan# 2044
Delta R.T. 0.01 min
Lab File: BG038520.D
Acq: 13 Dec 2018 6:17

Instrument :
BNA_G
ClientSampleId :
PB115618BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.9	32.2	48.2
169	13.1	10.6	16.0

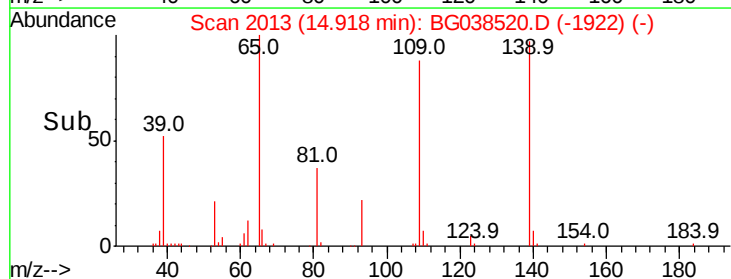
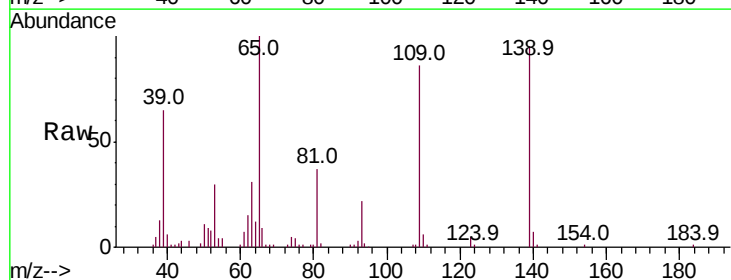
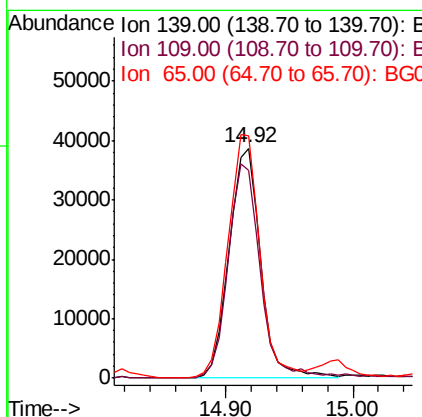
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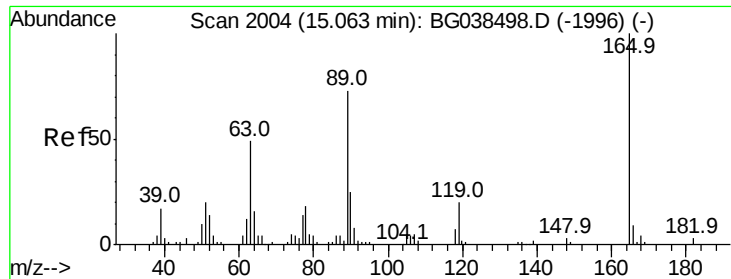
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#56
4-Nitrophenol
Concen: 77.093 ng
RT: 14.92 min Scan# 2013
Delta R.T. 0.01 min
Lab File: BG038520.D
Acq: 13 Dec 2018 6:17

Tgt Ion	Ratio	Lower	Upper
139	100		
109	90.5	73.6	113.6
65	105.3	84.8	124.8





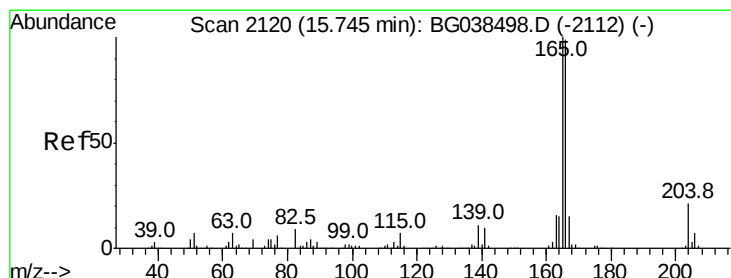
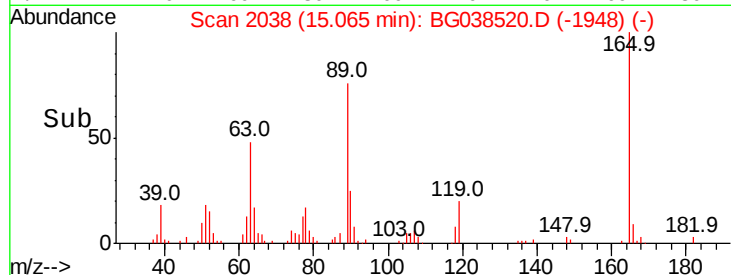
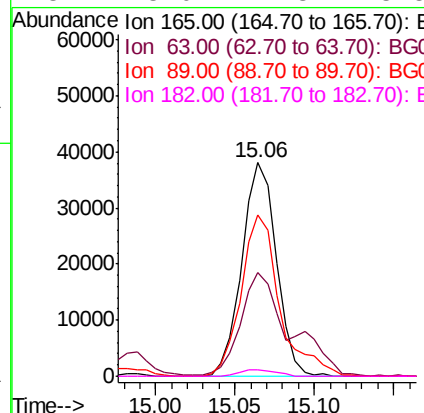
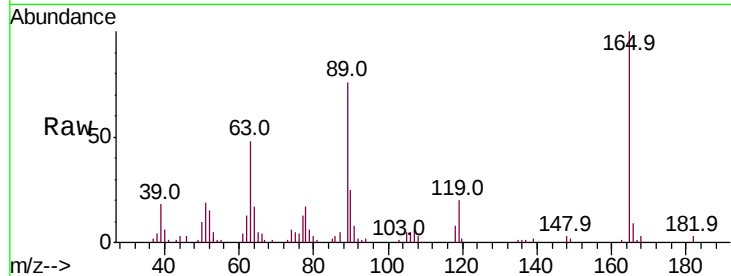
#57
2,4-Dinitrotoluene
Concen: 36.623 ng
RT: 15.06 min Scan# 2038
Delta R.T. 0.00 min
Lab File: BG038520.D
Acq: 13 Dec 2018 6:17

Instrument :
BNA_G
ClientSampleId :
PB115618BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	48.4	39.0	58.4	
89	75.5	58.0	87.0	
182	3.0	2.3	3.5	

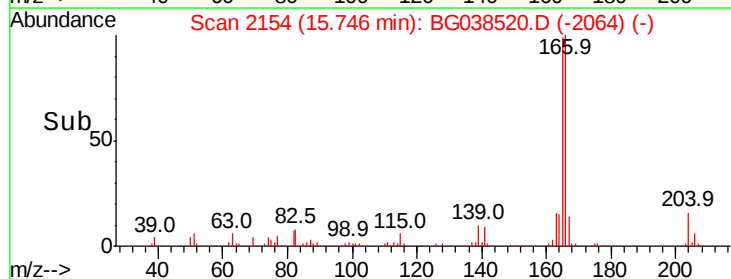
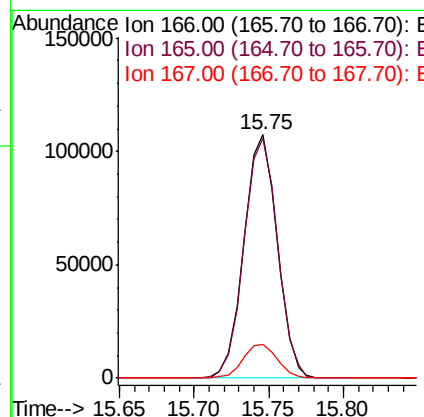
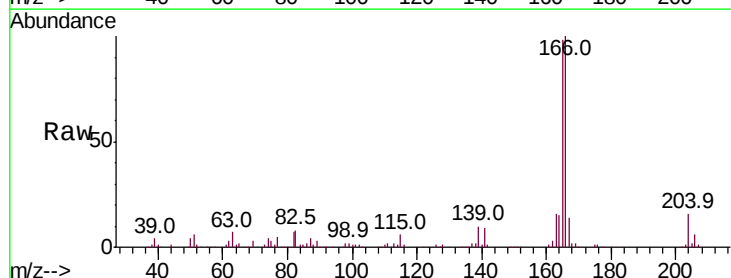
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#58
Fluorene
Concen: 37.284 ng
RT: 15.75 min Scan# 2154
Delta R.T. 0.00 min
Lab File: BG038520.D
Acq: 13 Dec 2018 6:17

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.3	80.6	120.8	
167	13.6	12.0	18.0	





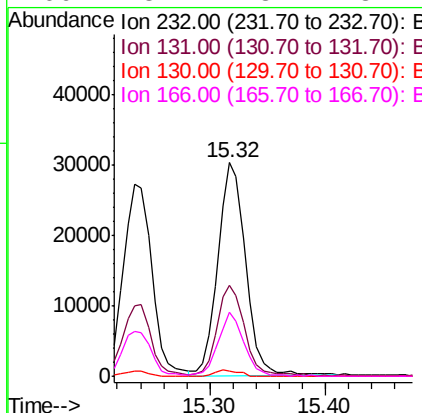
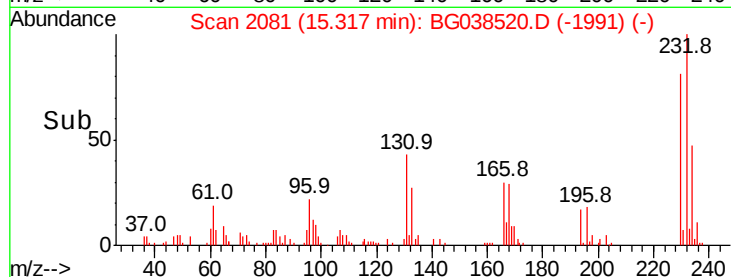
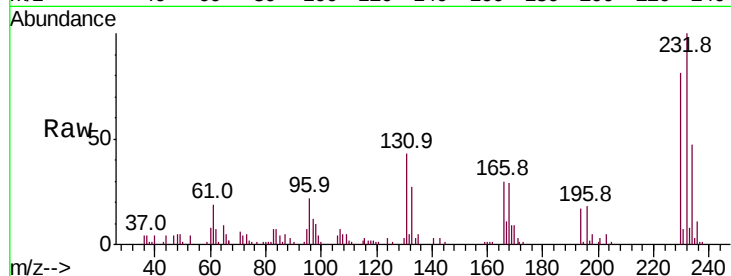
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.040 ng
 RT: 15.32 min Scan# 2081
 Delta R.T. 0.00 min
 Lab File: BG038520.D
 Acq: 13 Dec 2018 6:17

Instrument :
 BNA_G
 ClientSampleId :
 PB115618BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	50190		
131	42.3		33.0	49.4
130	2.4		2.0	3.0
166	28.1		23.1	34.7

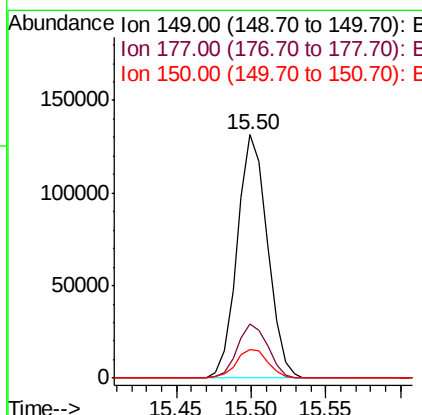
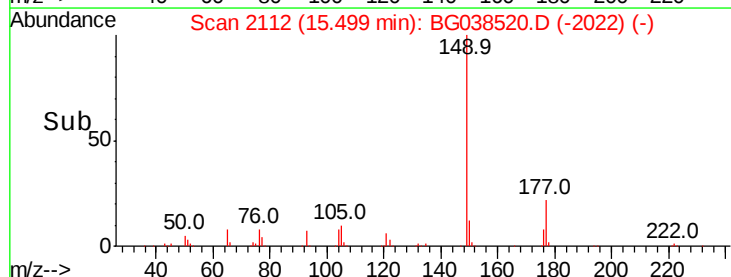
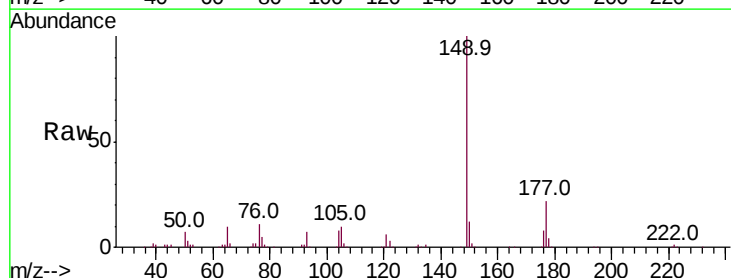
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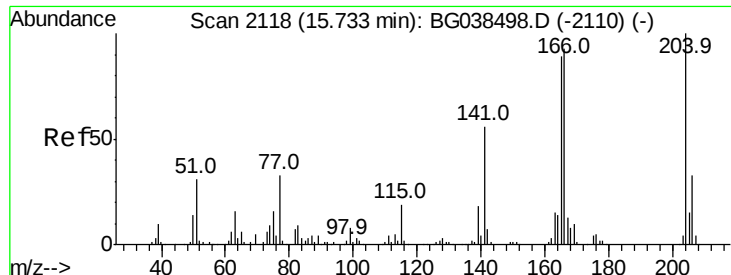
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#60
 Diethylphthalate
 Concen: 34.294 ng
 RT: 15.50 min Scan# 2112
 Delta R.T. 0.00 min
 Lab File: BG038520.D
 Acq: 13 Dec 2018 6:17

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	185283		
177	22.1		17.7	26.5
150	12.0		9.9	14.9





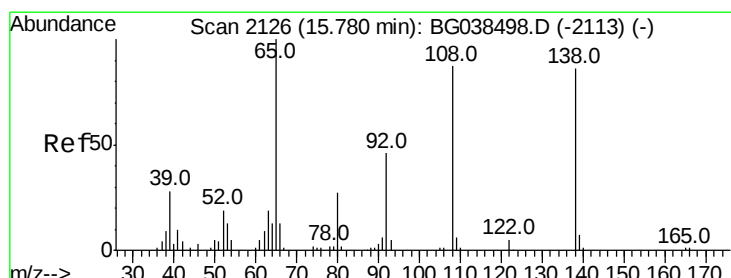
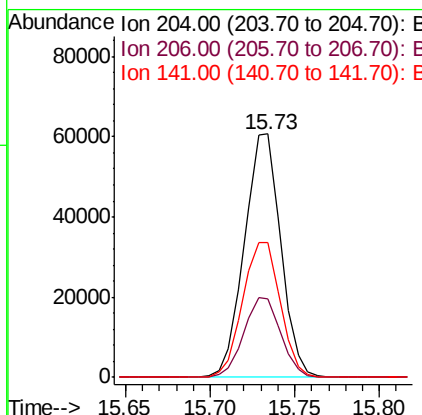
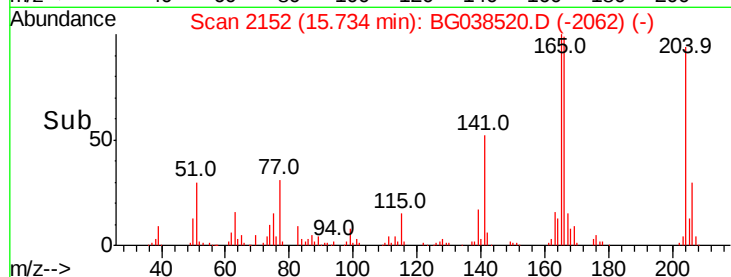
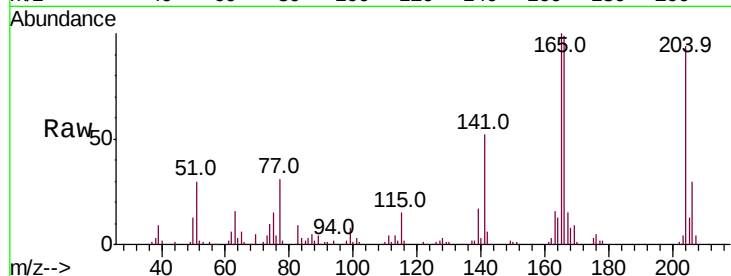
#61
4-Chlorophenyl-phenylether
Concen: 32.991 ng
RT: 15.73 min Scan# 2152
Delta R.T. 0.00 min
Lab File: BG038520.D
Acq: 13 Dec 2018 6:17

Instrument :
BNA_G
ClientSampleId :
PB115618BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.1	26.0	39.0
141	55.6	44.4	66.6

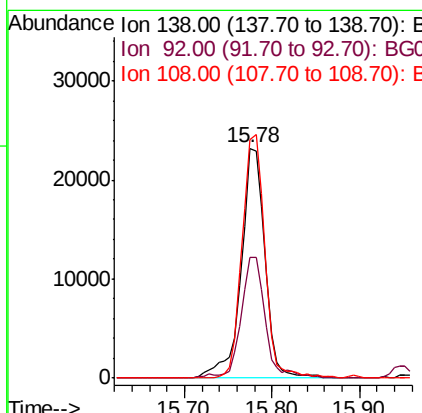
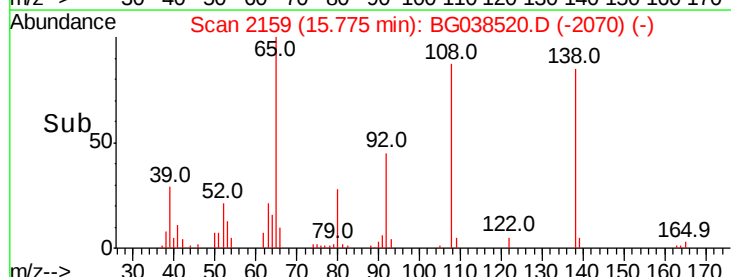
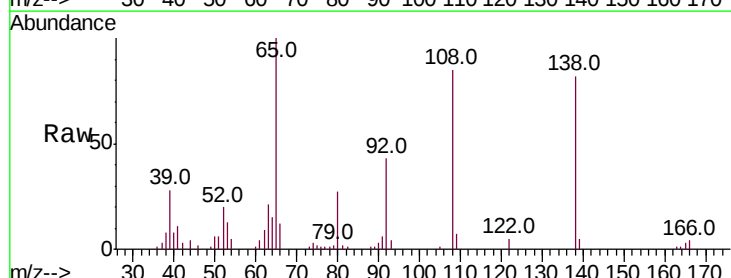
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#62
4-Nitroaniline
Concen: 36.128 ng
RT: 15.78 min Scan# 2159
Delta R.T. -0.00 min
Lab File: BG038520.D
Acq: 13 Dec 2018 6:17

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.8	33.3	73.3
108	104.0	81.4	121.4





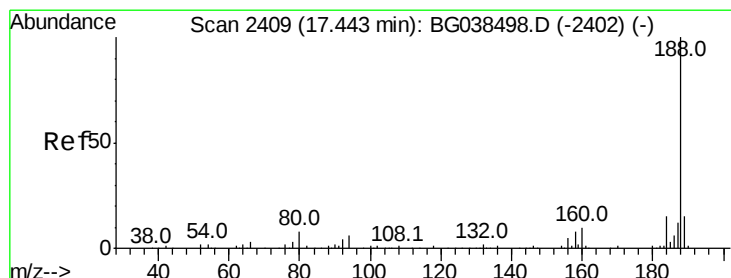
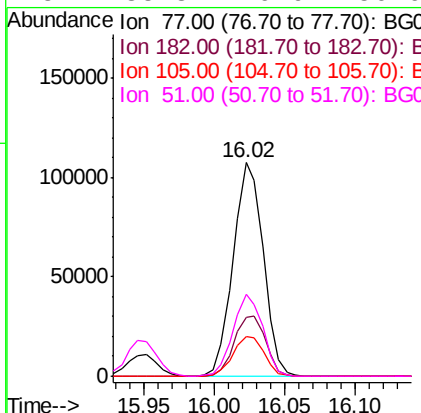
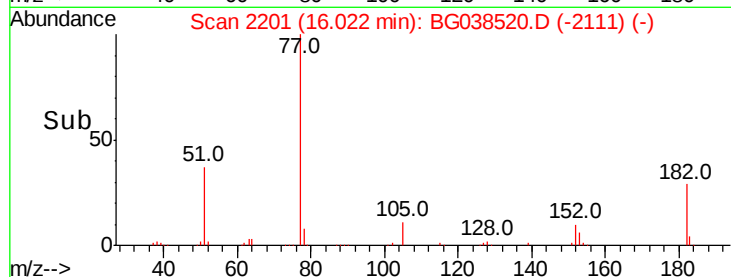
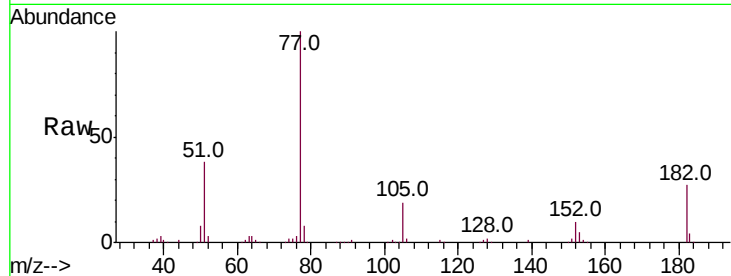
#63
Azobenzene
Concen: 35.449 ng
RT: 16.02 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BG038520.D
Acq: 13 Dec 2018 6:17

Instrument :
BNA_G
ClientSampleId :
PB115618BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	27.5	8.7	48.7	
105	18.8	0.0	38.7	
51	38.3	16.6	56.6	

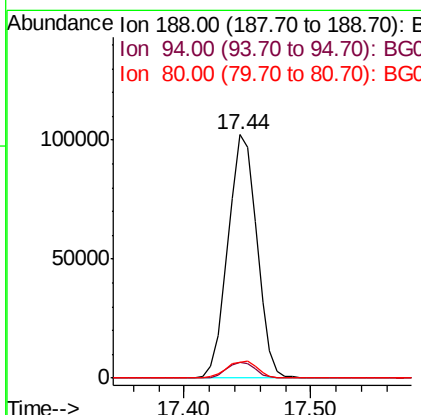
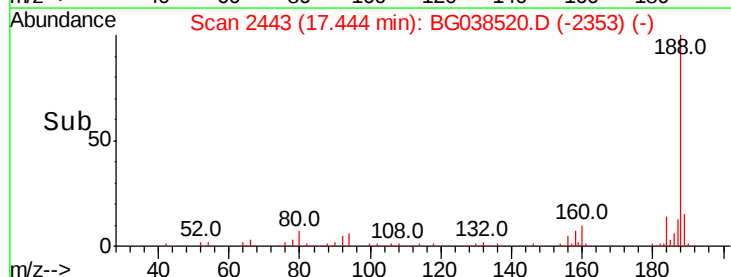
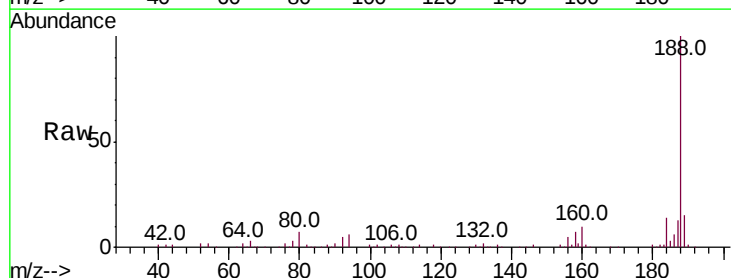
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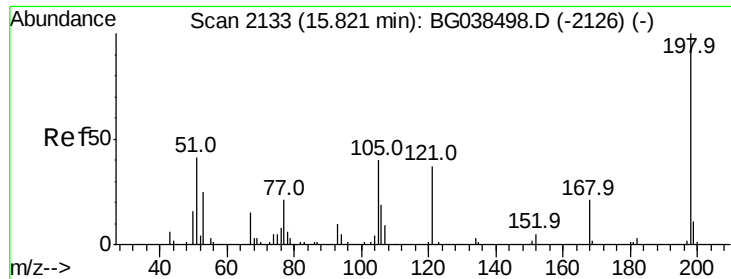
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. 0.00 min
Lab File: BG038520.D
Acq: 13 Dec 2018 6:17

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	6.3	5.1	7.7	
80	6.6	6.1	9.1	





#65

4,6-Dinitro-2-methylphenol

Concen: 31.544 ng

RT: 15.82 min Scan# 2167

Delta R.T. 0.00 min

Lab File: BG038520.D

Acq: 13 Dec 2018 6:17

Instrument :

BNA_G

ClientSampleId :

PB115618BS

Tot Ion:198 Resp: 36253

Ion Ratio Lower Upper

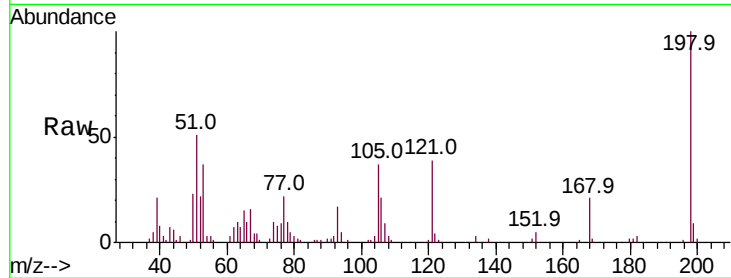
198 100

51 50.8 28.6 68.6

105 36.9 20.4 60.4

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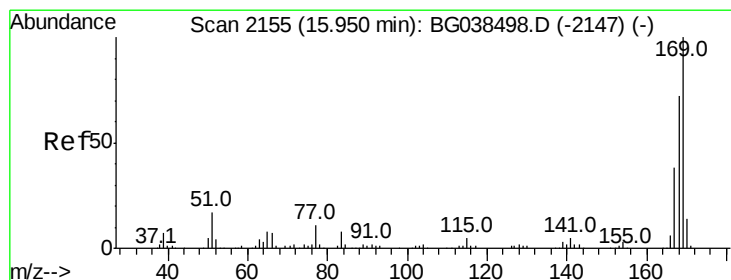
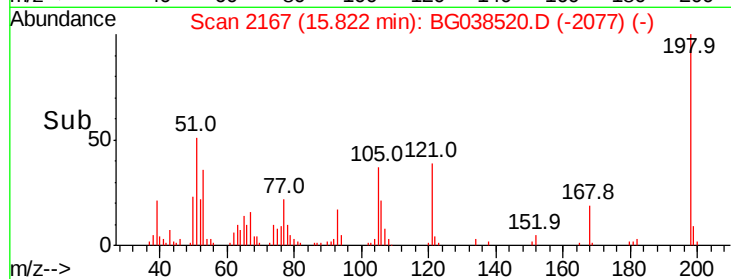
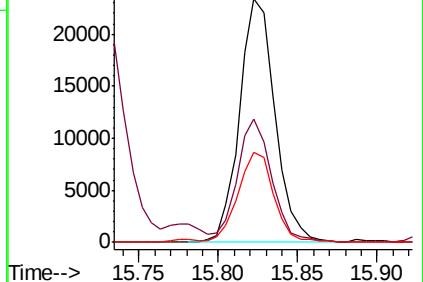
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 32.700 ng

RT: 15.95 min Scan# 2189

Delta R.T. 0.00 min

Lab File: BG038520.D

Acq: 13 Dec 2018 6:17

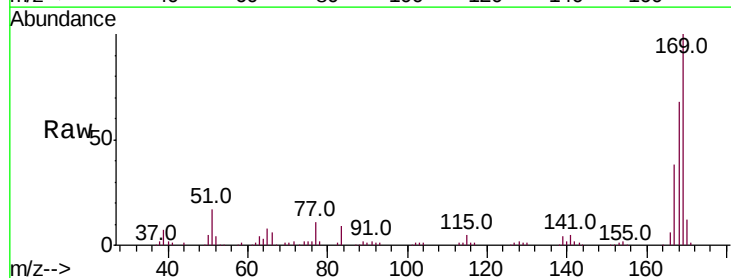
Tgt Ion:169 Resp: 154793

Ion Ratio Lower Upper

169 100

168 68.1 57.5 86.3

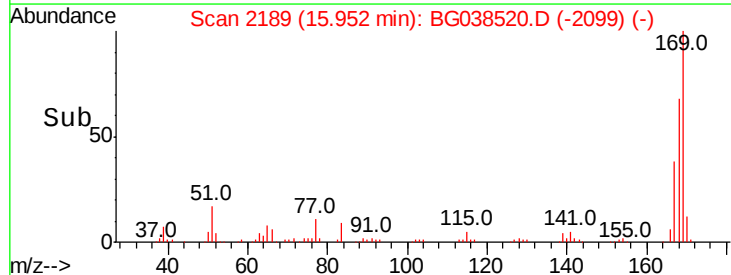
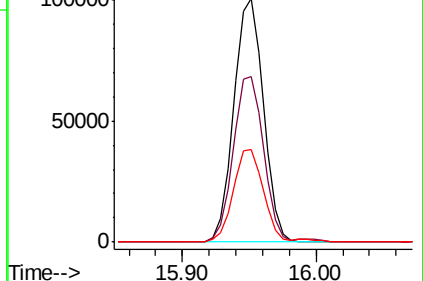
167 38.2 30.2 45.2



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





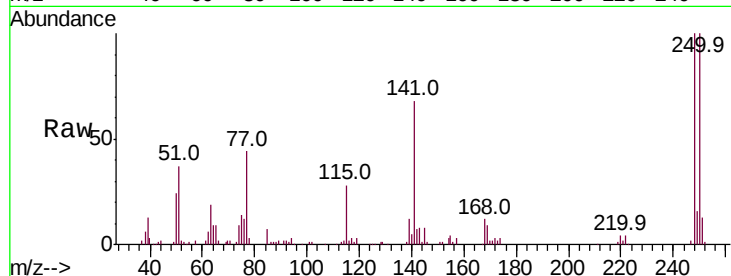
#67
4-Bromophenyl-phenylether
Concen: 31.880 ng
RT: 16.63 min Scan# 2304
Delta R.T. 0.00 min
Lab File: BG038520.D
Acq: 13 Dec 2018 6:17

Instrument :
BNA_G
ClientSampleId :
PB115618BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.8	73.4	110.2
141	67.5	52.9	79.3

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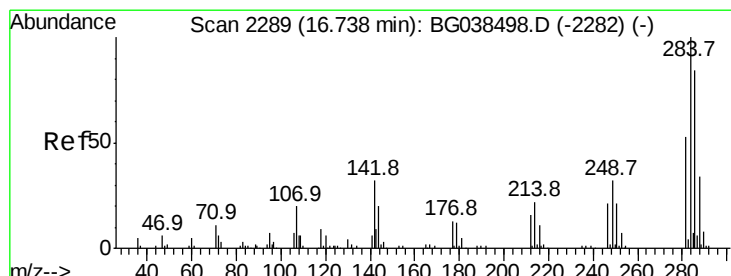
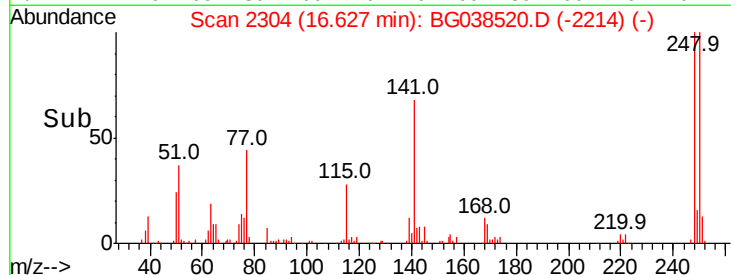
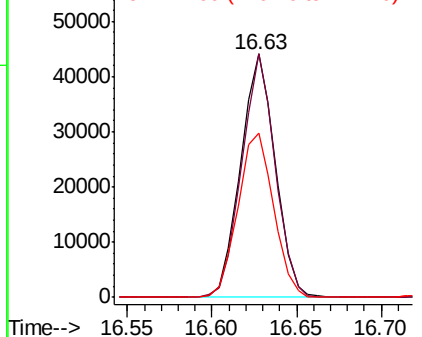


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 31.880 ng
RT: 16.74 min Scan# 2323
Delta R.T. 0.00 min
Lab File: BG038520.D
Acq: 13 Dec 2018 6:17

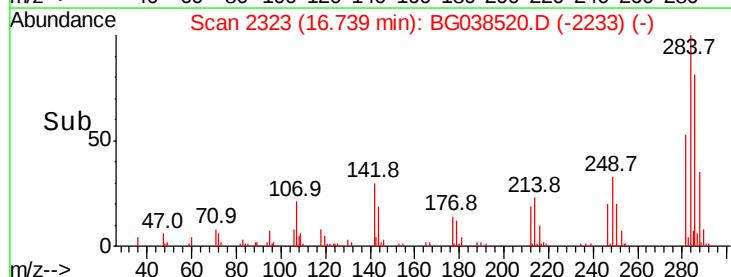
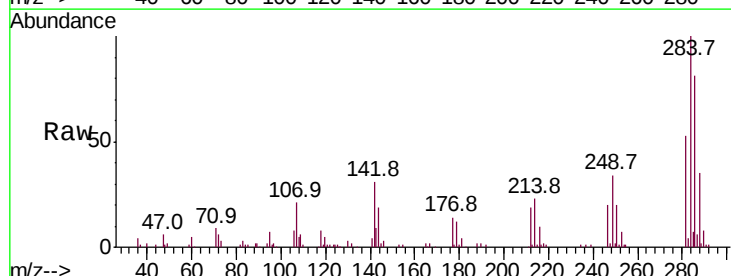
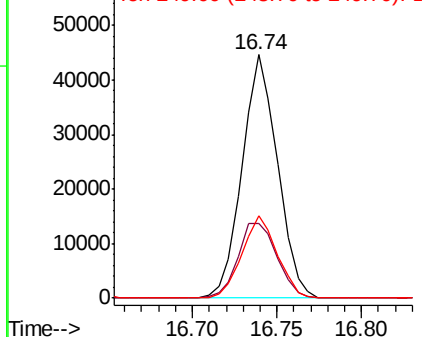
Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.8	25.8	38.6
249	35.9	27.0	40.4

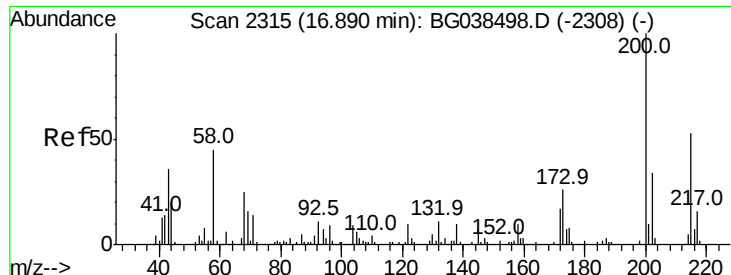
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





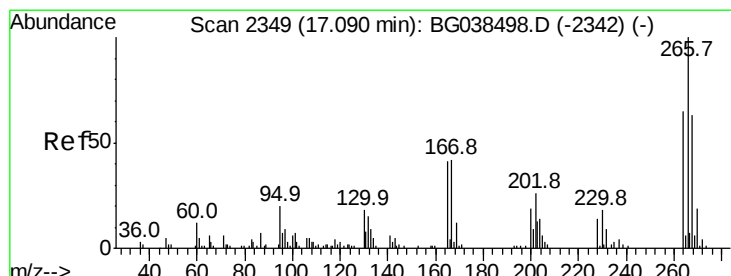
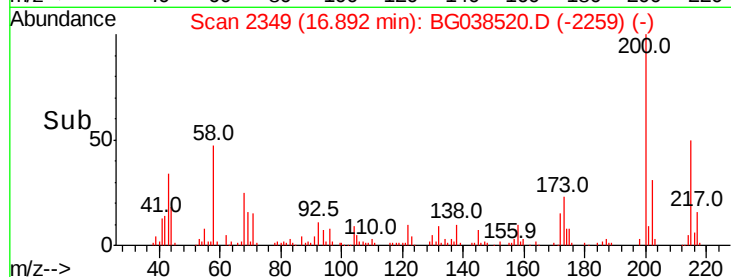
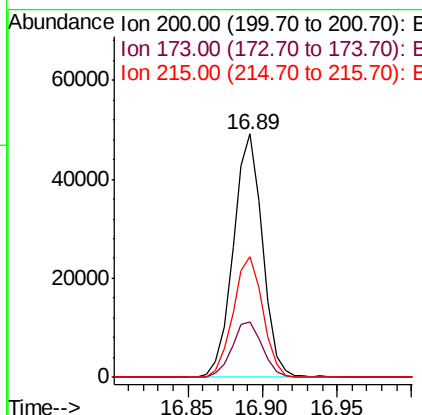
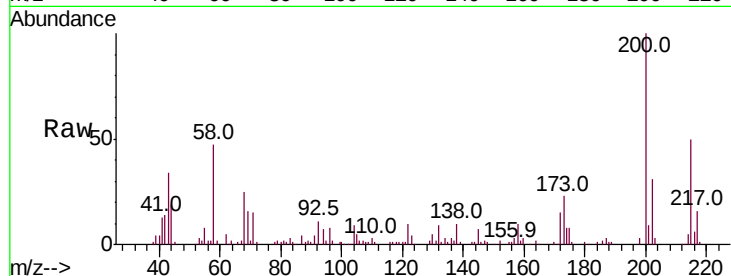
#69
Atrazine
Concen: 38.100 ng
RT: 16.89 min Scan# 2349
Delta R.T. 0.00 min
Lab File: BG038520.D
Acq: 13 Dec 2018 6:17

Instrument :
BNA_G
ClientSampleId :
PB115618BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	22.6	5.9	45.9
215	49.7	33.1	73.1

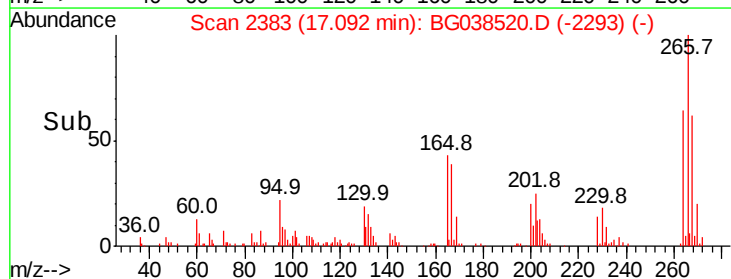
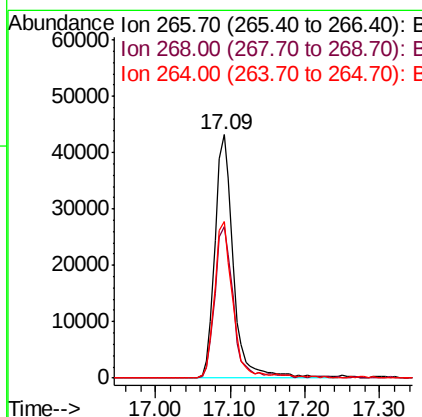
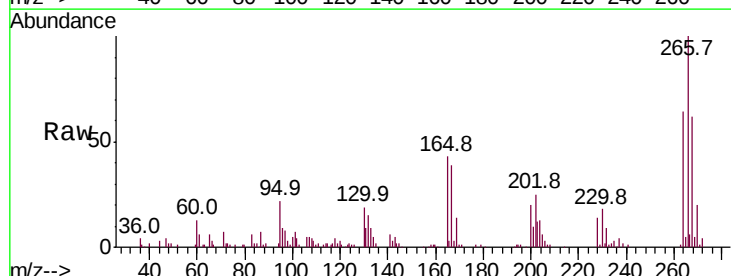
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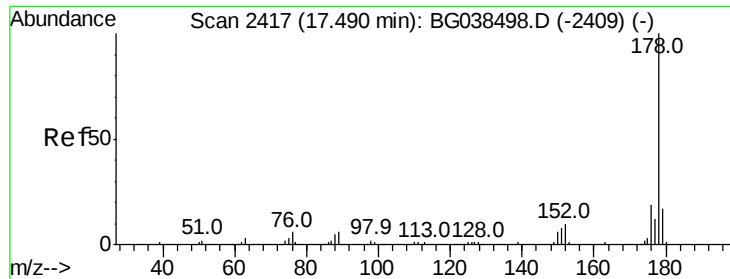
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#70
Pentachlorophenol
Concen: 61.304 ng
RT: 17.09 min Scan# 2383
Delta R.T. 0.00 min
Lab File: BG038520.D
Acq: 13 Dec 2018 6:17

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.7	55.0	82.6
264	68.9	56.7	85.1





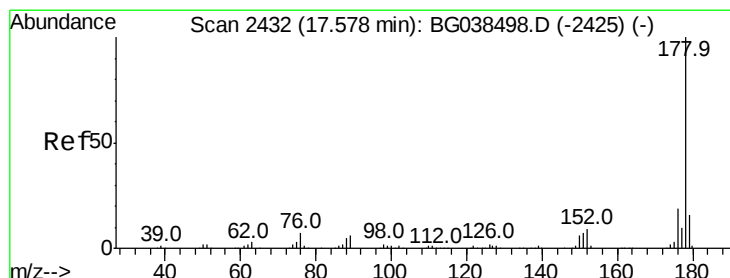
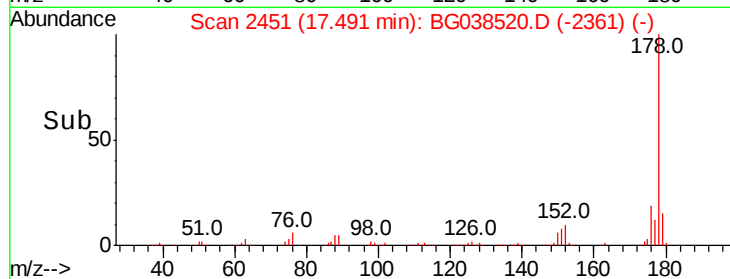
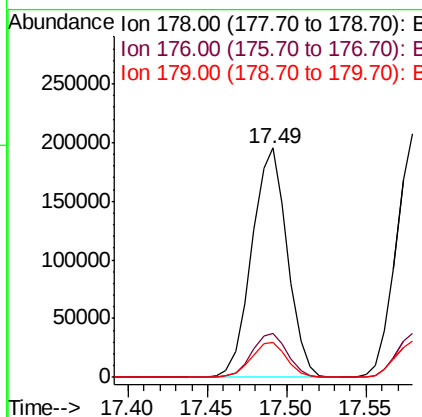
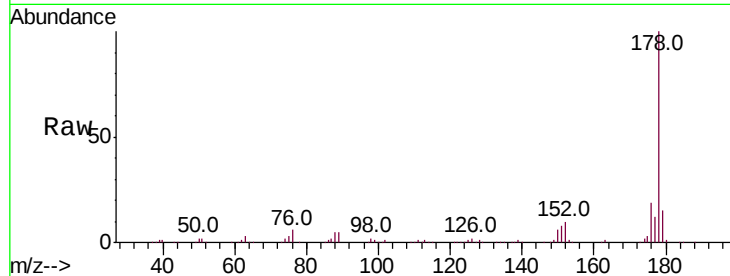
#71
Phenanthrene
Concen: 36.360 ng
RT: 17.49 min Scan# 2451
Delta R.T. 0.00 min
Lab File: BG038520.D
Acq: 13 Dec 2018 6:17

Instrument :
BNA_G
ClientSampleId :
PB115618BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.1	22.7
179	15.5	13.2	19.8

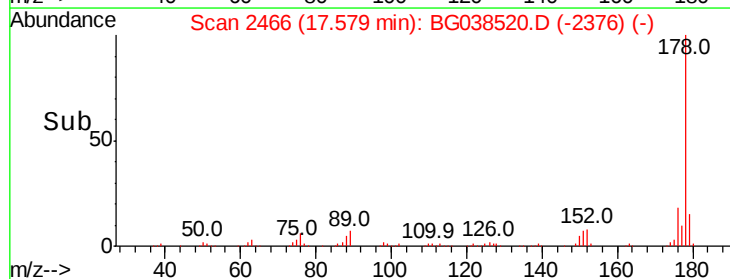
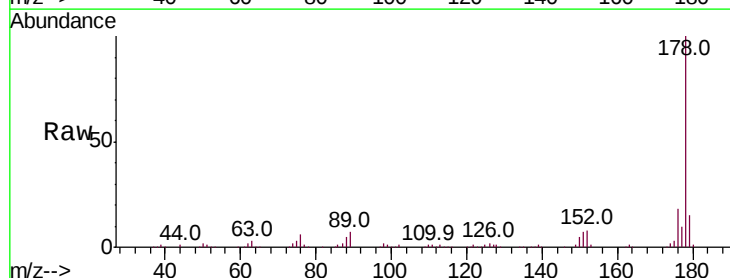
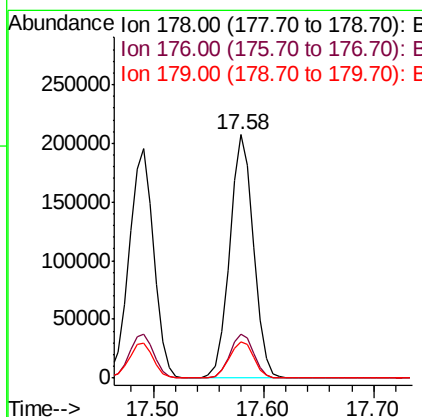
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#72
Anthracene
Concen: 37.979 ng
RT: 17.58 min Scan# 2466
Delta R.T. 0.00 min
Lab File: BG038520.D
Acq: 13 Dec 2018 6:17

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.1	22.7
179	14.6	12.9	19.3





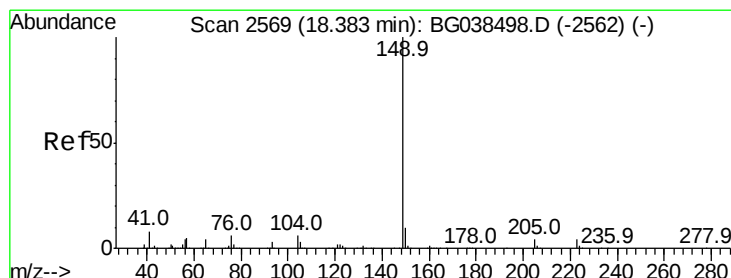
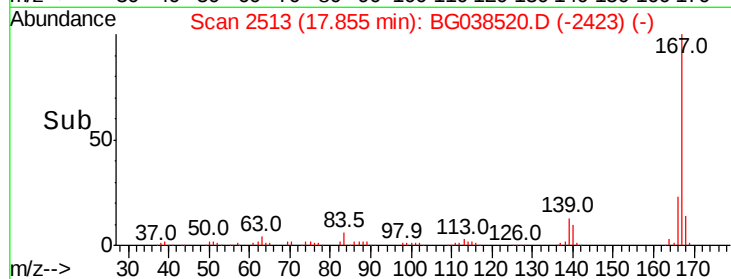
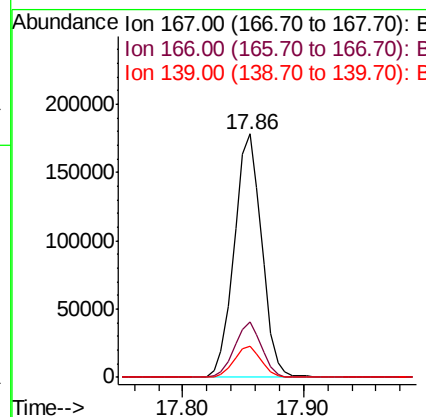
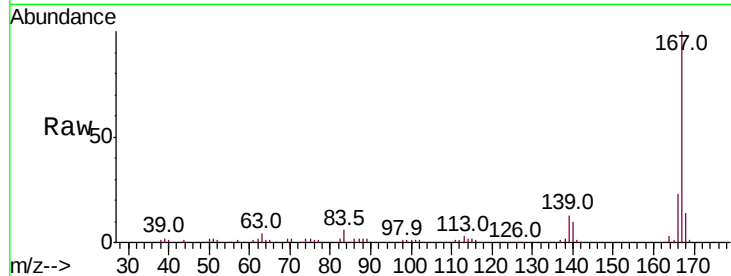
#73
 Carbazole
 Concen: 34.695 ng
 RT: 17.86 min Scan# 2513
 Delta R.T. 0.00 min
 Lab File: BG038520.D
 Acq: 13 Dec 2018 6:17

Instrument :
 BNA_G
 ClientSampleId :
 PB115618BS

Tot Ion	Ratio	Resp	Lower	Upper
167	100	283006		
166	23.0		17.9	26.9
139	12.9		10.2	15.2

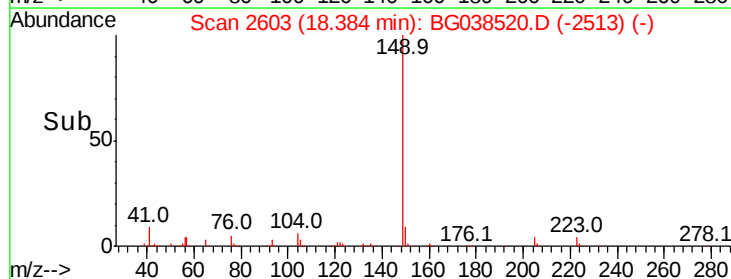
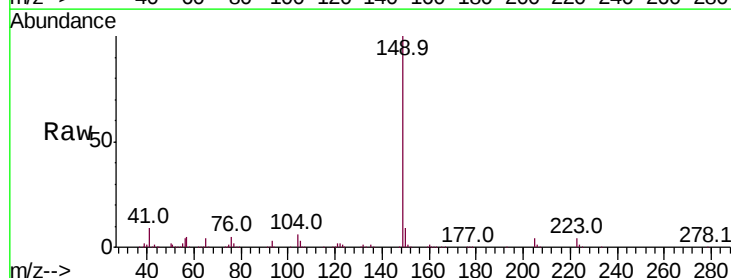
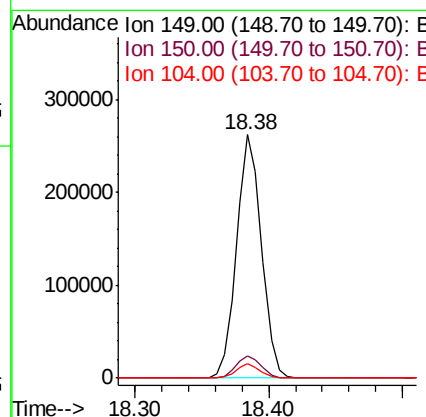
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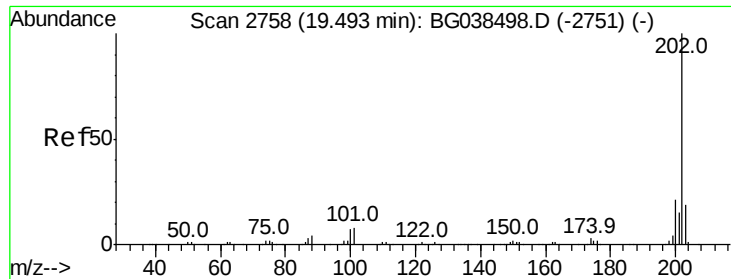
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#74
 Di-n-butylphthalate
 Concen: 36.313 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. 0.00 min
 Lab File: BG038520.D
 Acq: 13 Dec 2018 6:17

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	339873		
150	9.3		7.6	11.4
104	5.9		5.0	7.4





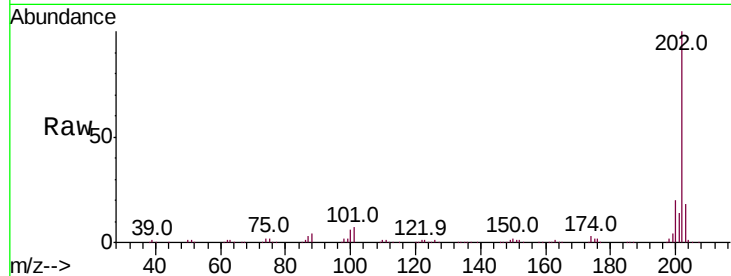
#75
Fluoranthene
 Concen: 38.215 ng
 RT: 19.49 min Scan# 2792
 Delta R.T. 0.00 min
 Lab File: BG038520.D
 Acq: 13 Dec 2018 6:17

Instrument :
 BNA_G
 ClientSampleId :
 PB115618BS

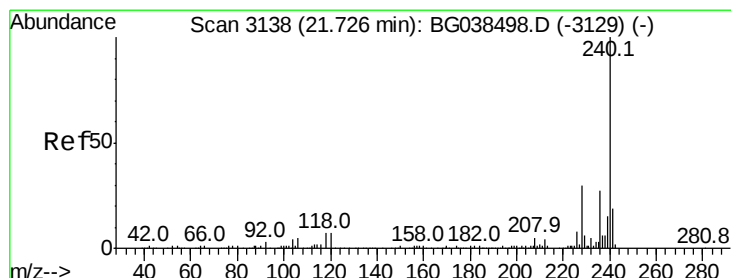
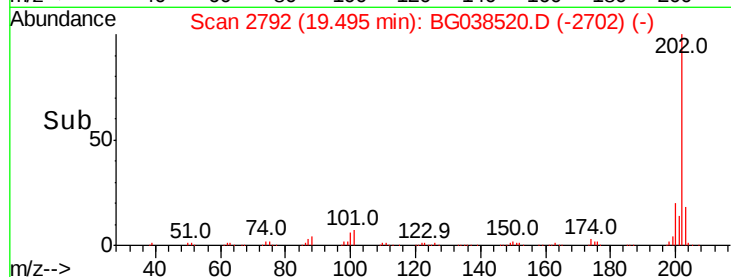
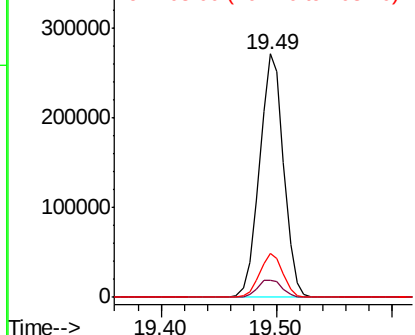
Tot Ion	Ratio	Resp	Lower	Upper
202	100	395034		
101	7.2	0.0	28.1	
203	18.3	0.0	39.0	

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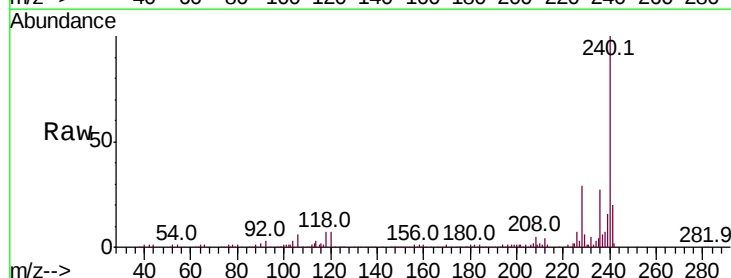


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

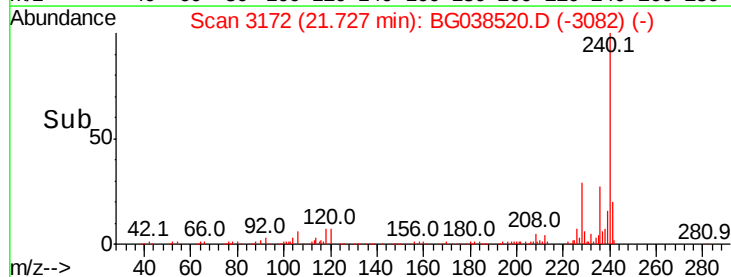
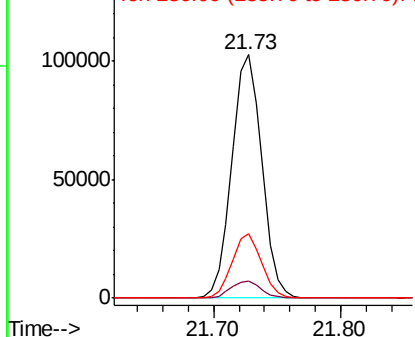


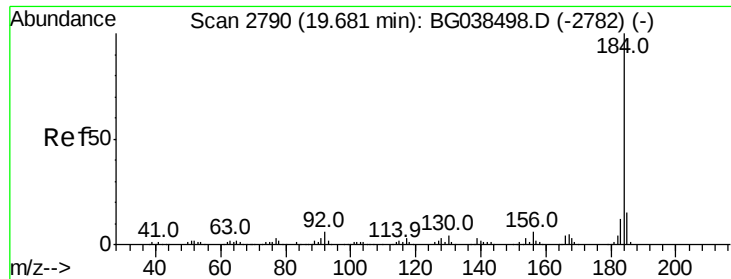
#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 21.73 min Scan# 3172
 Delta R.T. 0.00 min
 Lab File: BG038520.D
 Acq: 13 Dec 2018 6:17

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	167928		
120	7.1	5.3	7.9	
236	26.5	21.4	32.2	



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





#77

Benzidine

Concen: 32.219 ng

RT: 19.68 min Scan# 2824

Delta R.T. 0.00 min

Lab File: BG038520.D

Acq: 13 Dec 2018 6:17

Instrument :

BNA_G

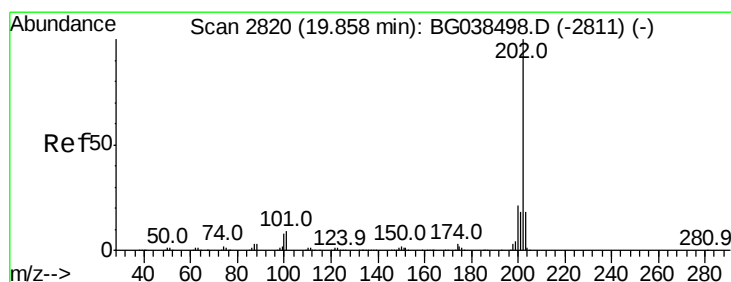
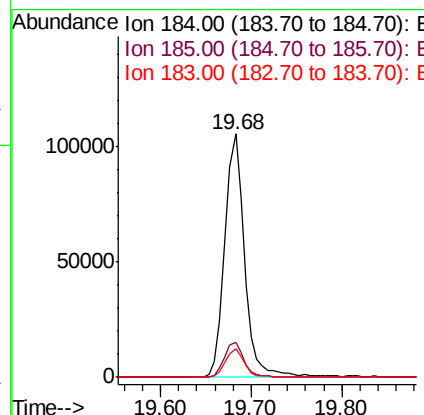
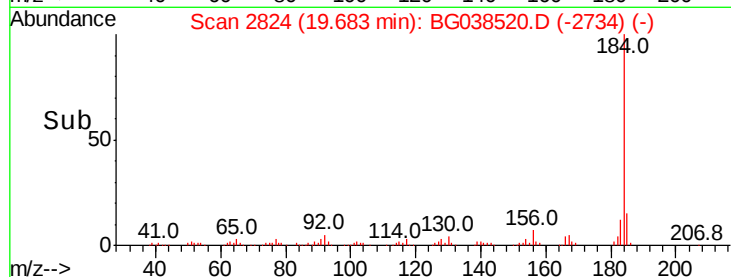
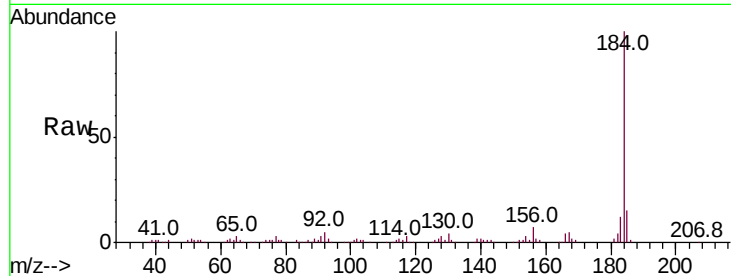
ClientSampleId :

PB115618BS

Tot Ion:	184	Resp:	160011
Ion Ratio	Lower	Upper	
184	100		
185	14.5	12.2	18.2
183	11.7	9.6	14.4

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#78

Pyrene

Concen: 35.041 ng

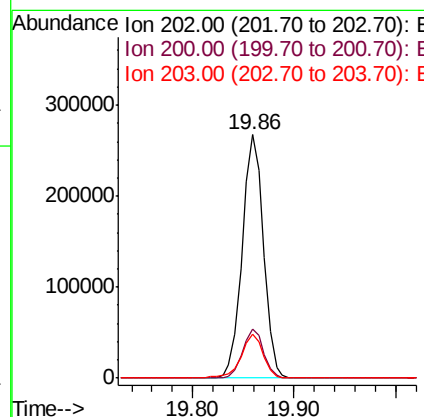
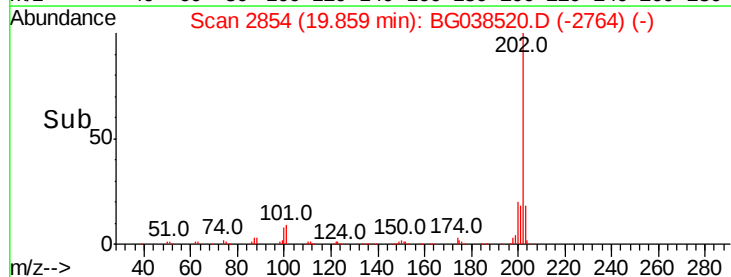
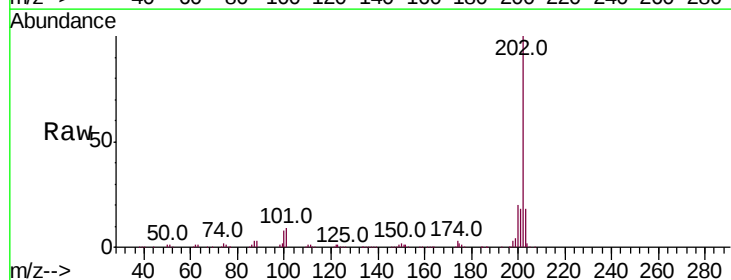
RT: 19.86 min Scan# 2854

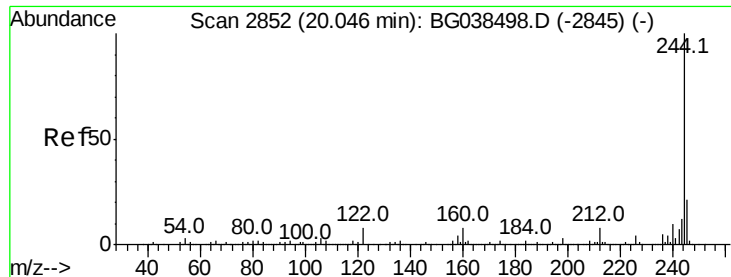
Delta R.T. 0.00 min

Lab File: BG038520.D

Acq: 13 Dec 2018 6:17

Tgt Ion:	202	Resp:	388734
Ion Ratio	Lower	Upper	
202	100		
200	20.3	16.6	25.0
203	18.1	14.6	21.8





#79

Terphenyl-d14

Concen: 78.847 ng

RT: 20.05 min Scan# 2886

Delta R.T. 0.00 min

Lab File: BG038520.D

Acq: 13 Dec 2018 6:17

Instrument :

BNA_G

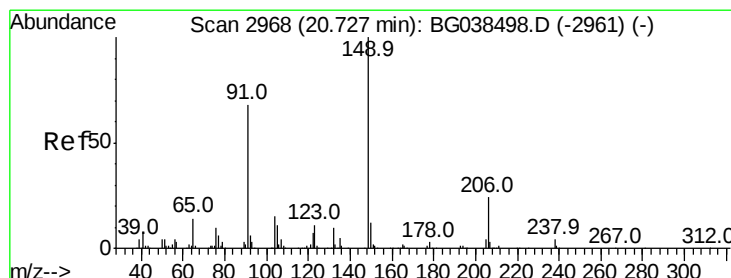
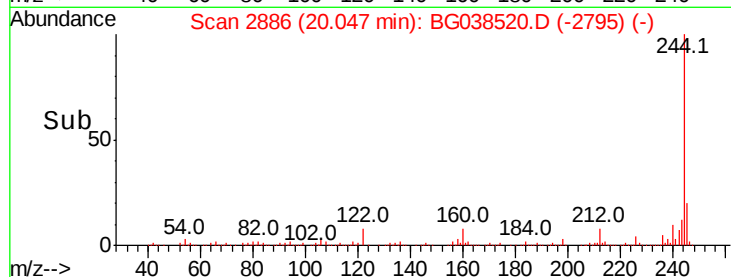
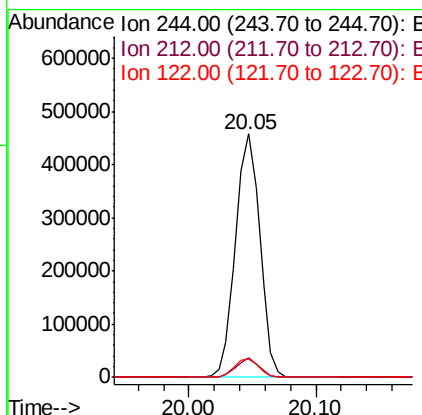
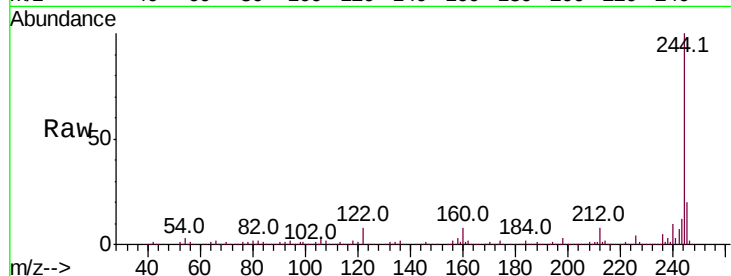
ClientSampleId :

PB115618BS

Tot Ion:	244	Resp:	608392
Ion Ratio	Lower	Upper	
244	100		
212	7.8	6.2	9.2
122	7.8	6.3	9.5

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#80

Butylbenzylphthalate

Concen: 34.804 ng

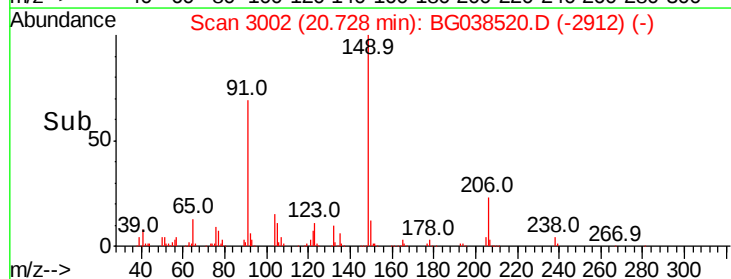
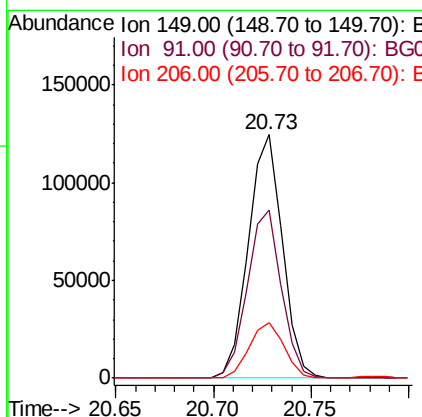
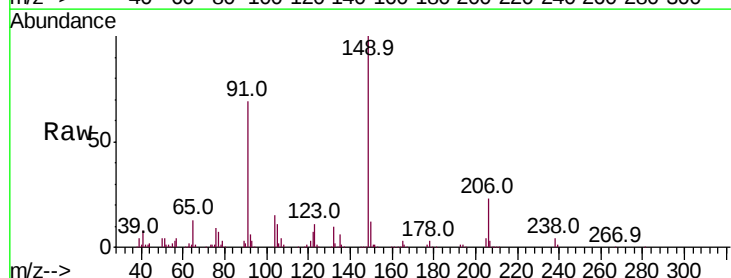
RT: 20.73 min Scan# 3002

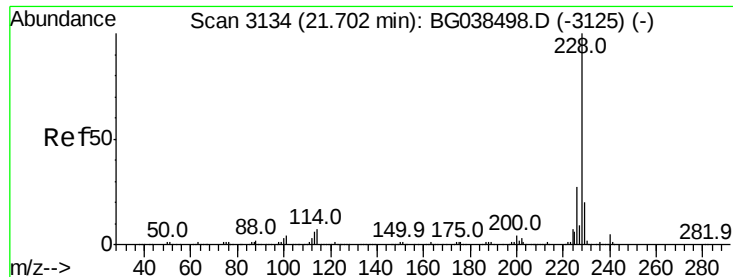
Delta R.T. 0.00 min

Lab File: BG038520.D

Acq: 13 Dec 2018 6:17

Tgt Ion:	149	Resp:	150846
Ion Ratio	Lower	Upper	
149	100		
91	69.2	54.5	81.7
206	22.8	19.0	28.6





#81

Benzo(a)anthracene

Concen: 36.346 ng

RT: 21.70 min Scan# 3168

Delta R.T. 0.00 min

Lab File: BG038520.D

Acq: 13 Dec 2018 6:17

Instrument :

BNA_G

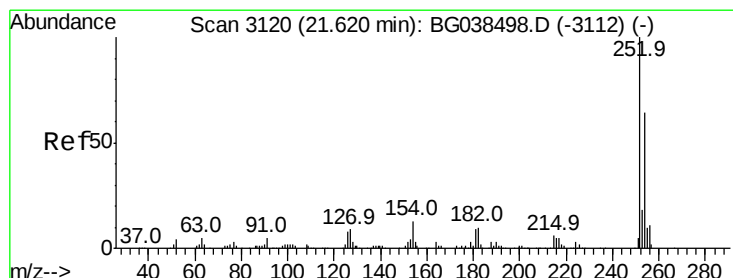
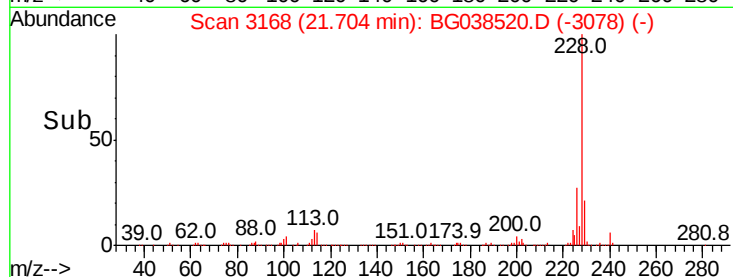
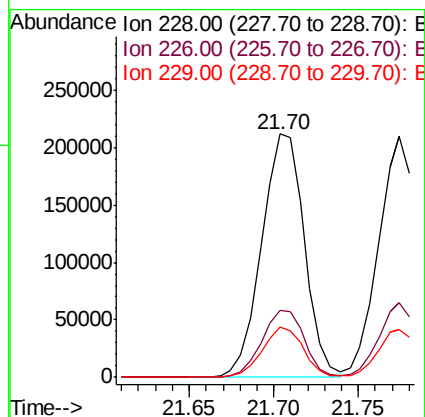
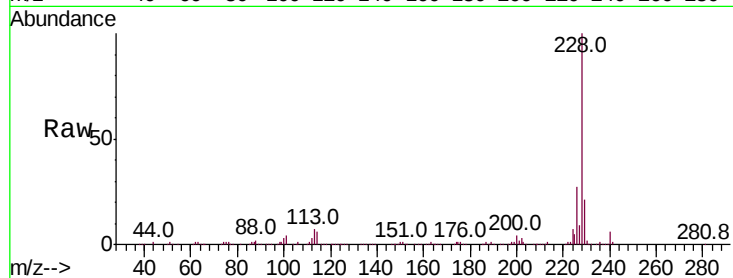
ClientSampleId :

PB115618BS

Tot Ion:	228	Resp:	371919
Ion Ratio	Lower	Upper	
228	100		
226	27.3	21.8	32.8
229	20.8	15.8	23.6

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#82

3,3'-Dichlorobenzidine

Concen: 17.752 ng

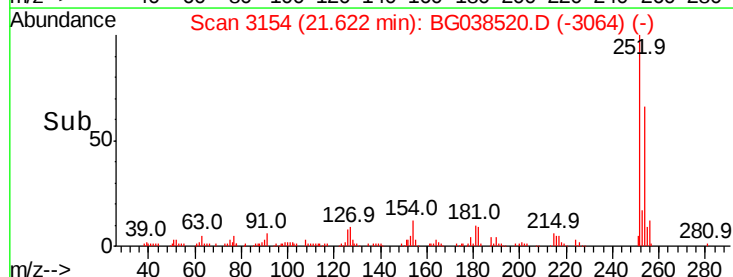
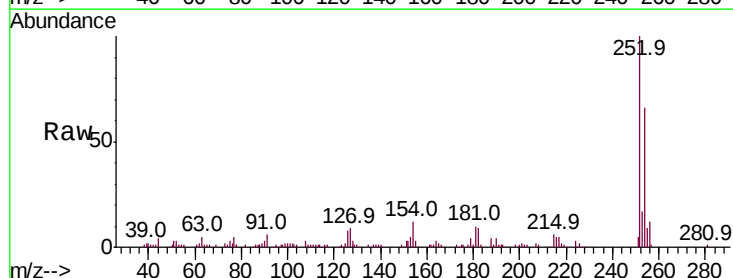
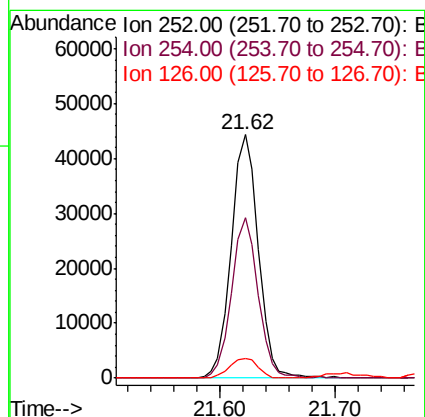
RT: 21.62 min Scan# 3154

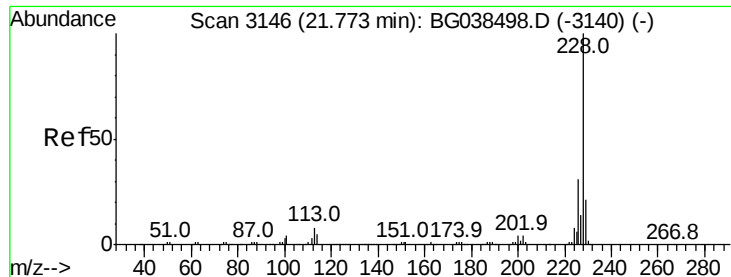
Delta R.T. 0.00 min

Lab File: BG038520.D

Acq: 13 Dec 2018 6:17

Tgt Ion:	252	Resp:	72043
Ion Ratio	Lower	Upper	
252	100		
254	66.1	50.9	76.3
126	8.3	6.3	9.5





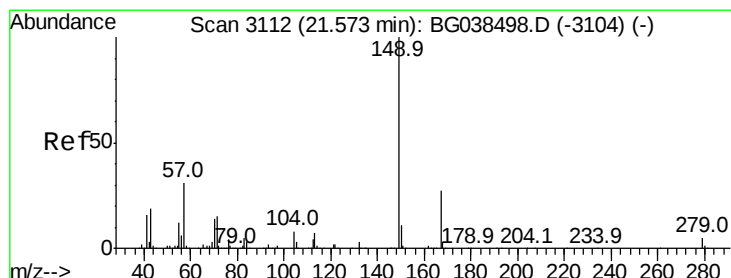
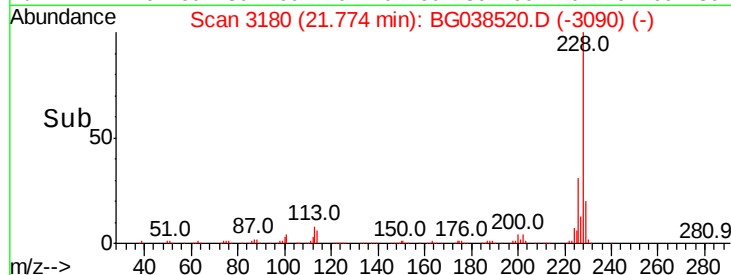
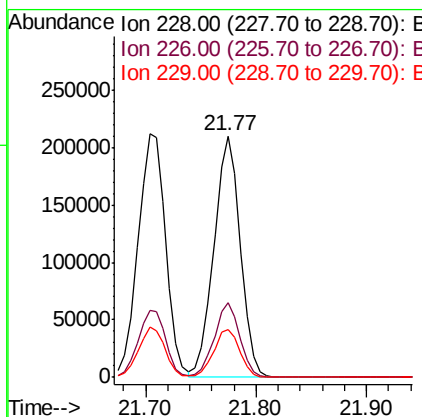
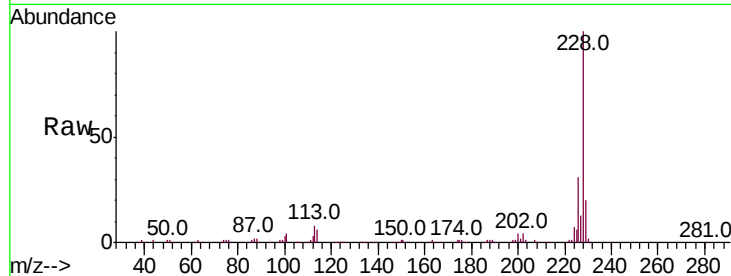
#83
 Chrysene
 Concen: 35.113 ng
 RT: 21.77 min Scan# 3180
 Delta R.T. 0.00 min
 Lab File: BG038520.D
 Acq: 13 Dec 2018 6:17

Instrument :
 BNA_G
 ClientSampleID :
 PB115618BS

Tot Ion	Ratio	Resp	Lower	Upper
228	100	346077		
226	30.8	25.0	37.4	
229	19.9	16.5	24.7	

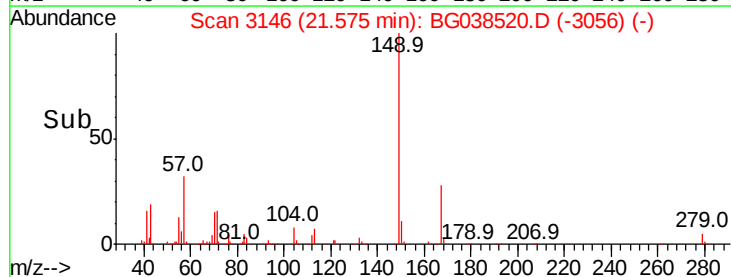
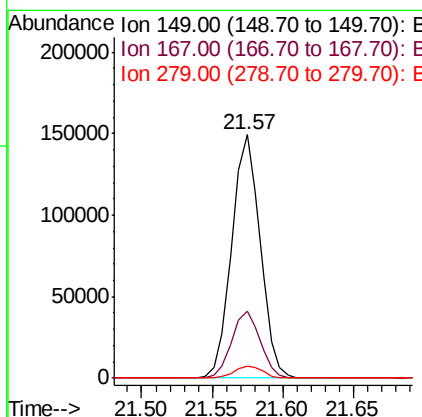
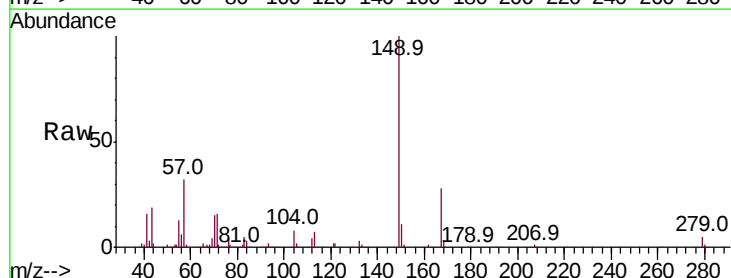
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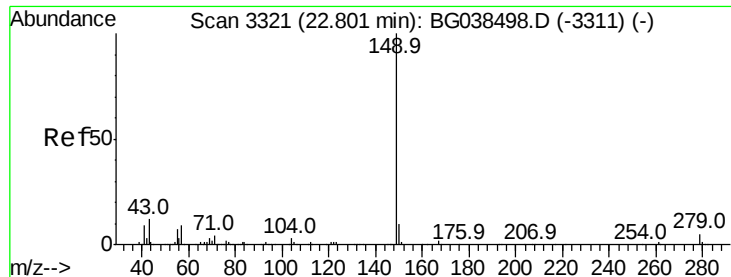
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 34.197 ng
 RT: 21.57 min Scan# 3146
 Delta R.T. 0.00 min
 Lab File: BG038520.D
 Acq: 13 Dec 2018 6:17

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	210214		
167	27.7	21.9	32.9	
279	4.7	4.2	6.2	





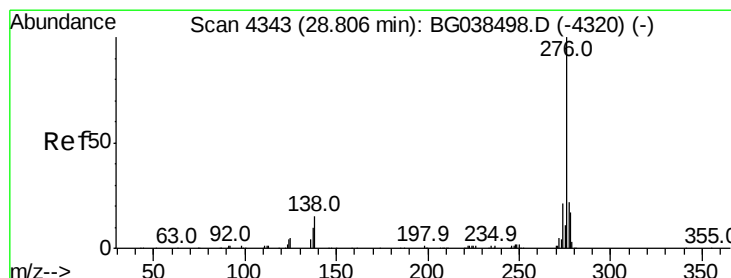
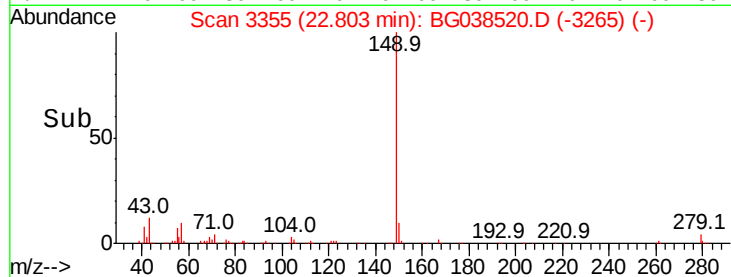
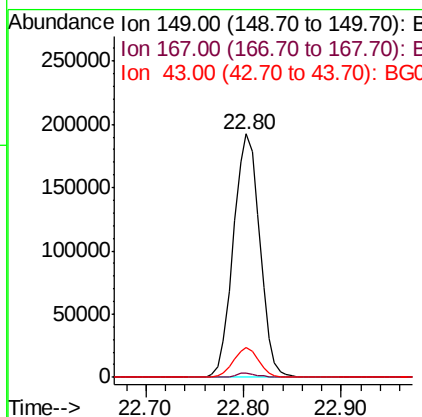
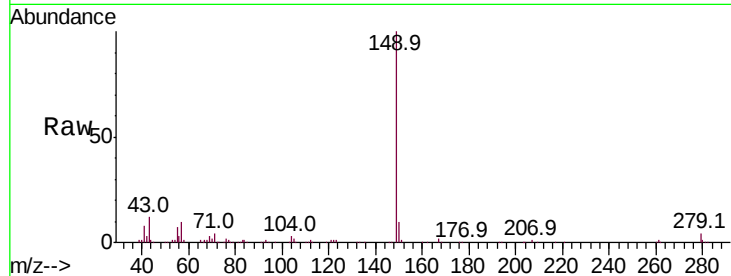
#85
Di-n-octyl phthalate
Concen: 35.174 ng
RT: 22.80 min Scan# 3355
Delta R.T. 0.00 min
Lab File: BG038520.D
Acq: 13 Dec 2018 6:17

Instrument :
BNA_G
ClientSampleId :
PB115618BS

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

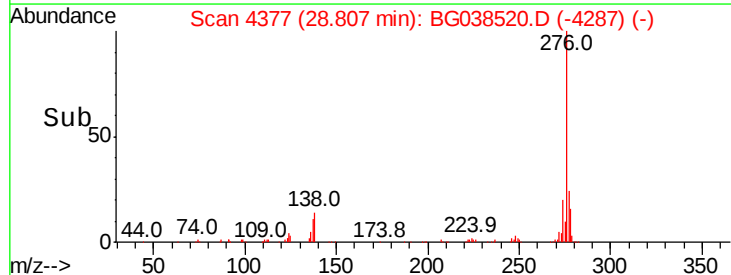
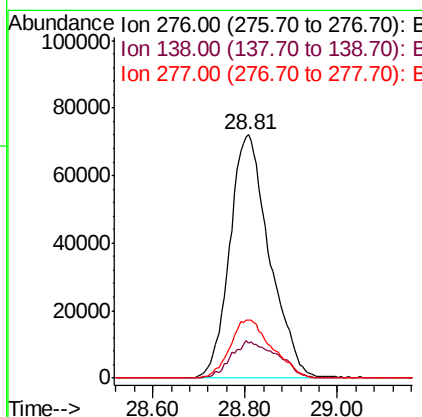
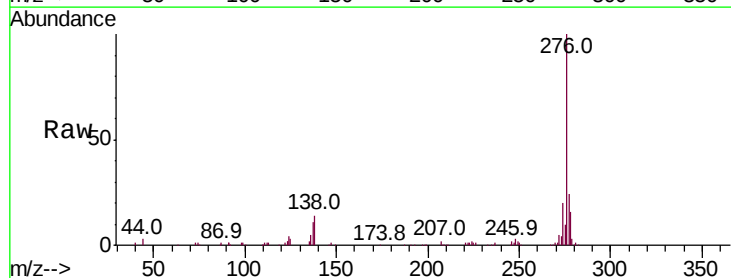
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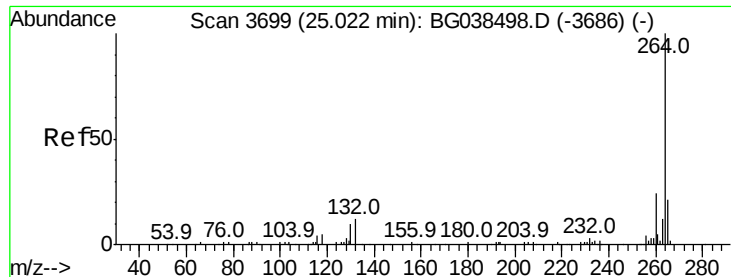
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#86
Indeno(1,2,3-cd)pyrene
Concen: 37.107 ng
RT: 28.81 min Scan# 4377
Delta R.T. 0.00 min
Lab File: BG038520.D
Acq: 13 Dec 2018 6:17

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	17.6	14.4	21.6
277	25.3	0.0	0.0#





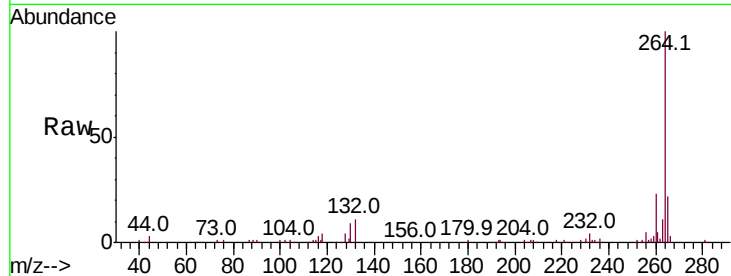
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3733
Delta R.T. 0.00 min
Lab File: BG038520.D
Acq: 13 Dec 2018 6:17

Instrument :
BNA_G
ClientSampleId :
PB115618BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.9	28.3
265	22.0	17.0	25.4

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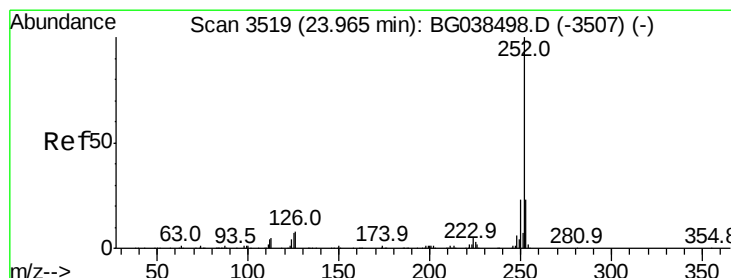
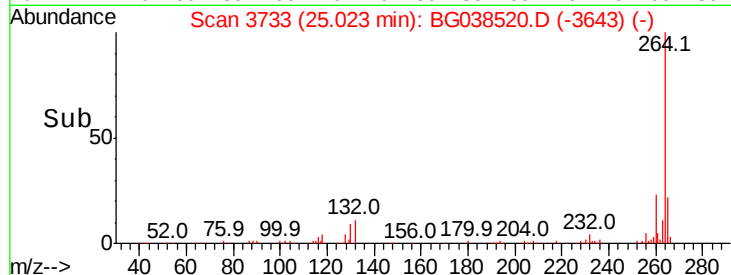
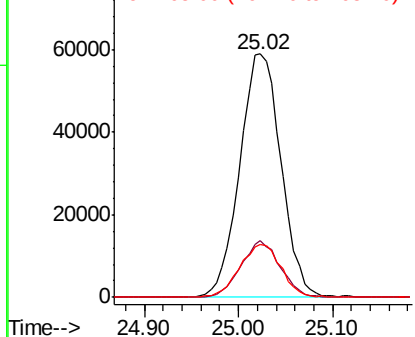


Abundance

Ion 264.00 (263.70 to 264.70): E

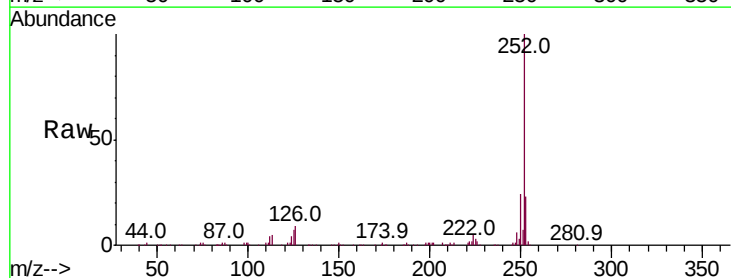
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 37.632 ng
RT: 23.97 min Scan# 3554
Delta R.T. 0.01 min
Lab File: BG038520.D
Acq: 13 Dec 2018 6:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	7.1	5.5	8.3

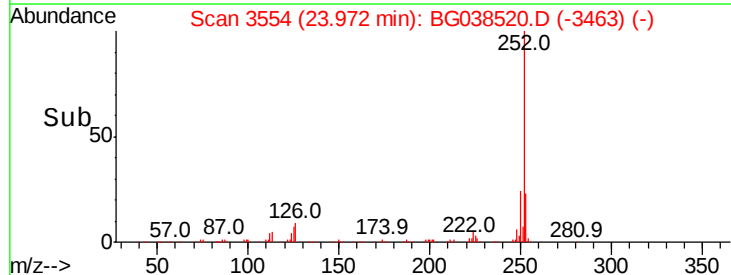
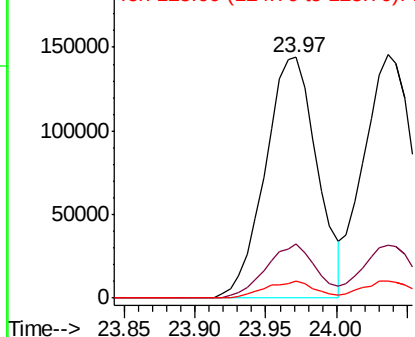


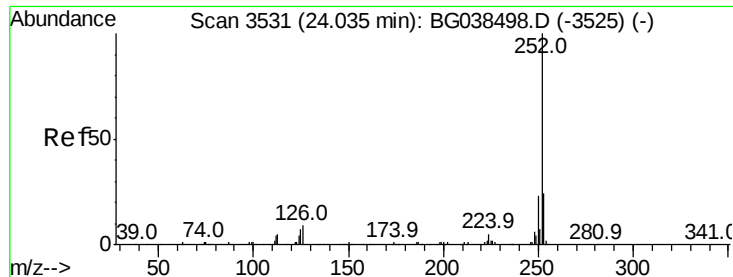
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





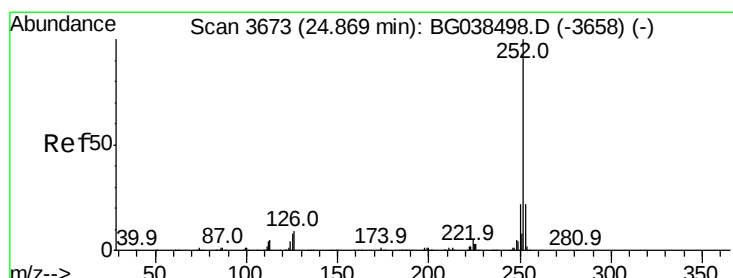
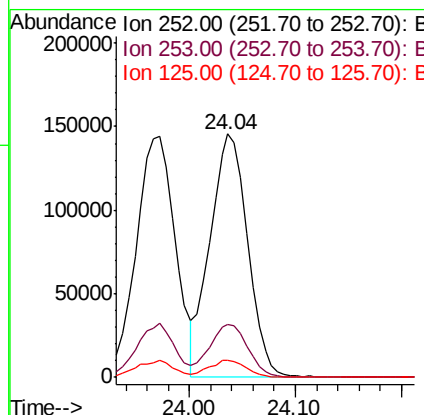
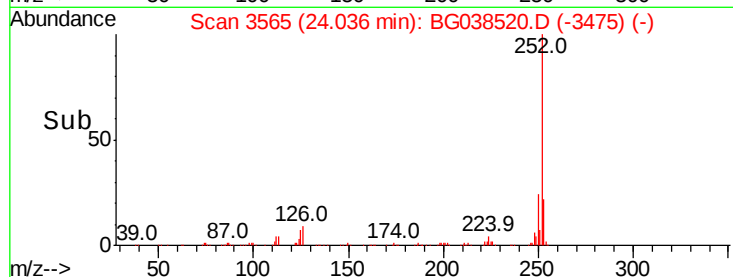
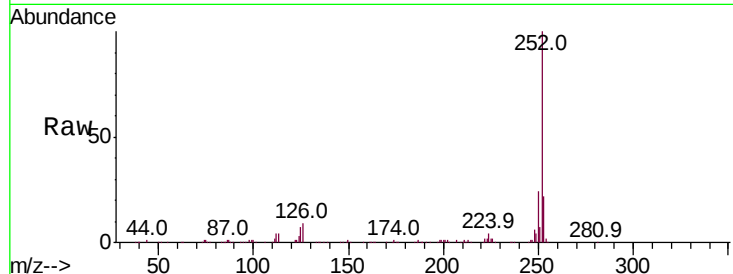
#89
Benzo(k)fluoranthene
Concen: 36.742 ng
RT: 24.04 min Scan# 3565
Delta R.T. 0.00 min
Lab File: BG038520.D
Acq: 13 Dec 2018 6:17

Instrument :
BNA_G
ClientSampleId :
PB115618BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.9	28.3
125	6.8	5.4	8.2

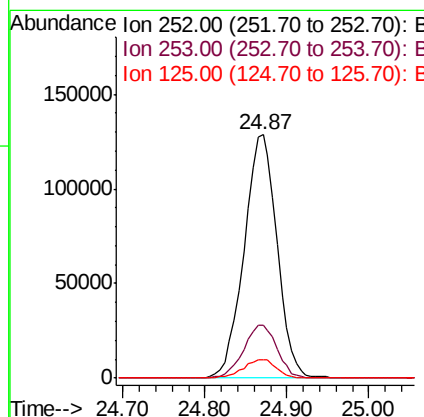
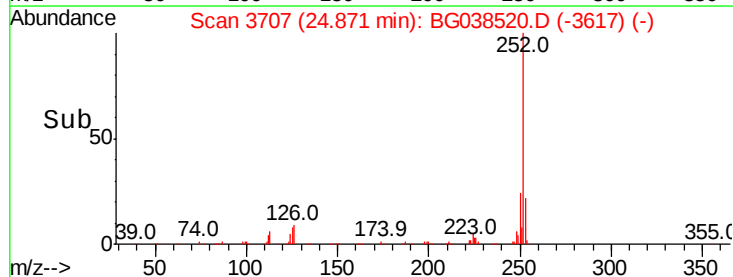
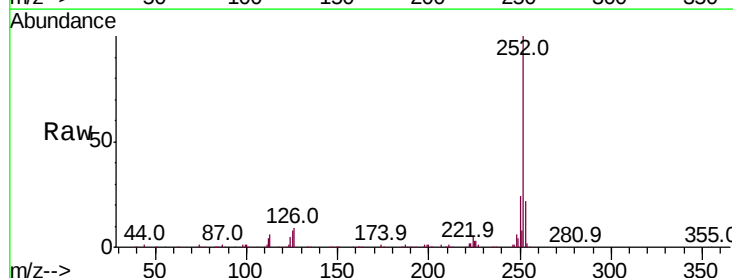
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#90
Benzo(a)pyrene
Concen: 37.986 ng
RT: 24.87 min Scan# 3707
Delta R.T. 0.00 min
Lab File: BG038520.D
Acq: 13 Dec 2018 6:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.0
125	7.7	6.4	9.6





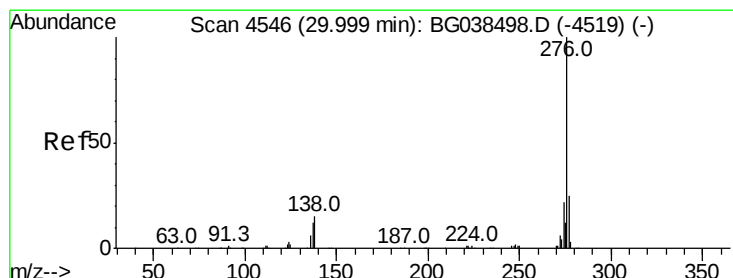
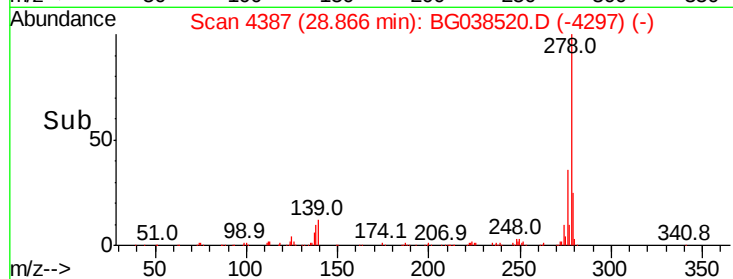
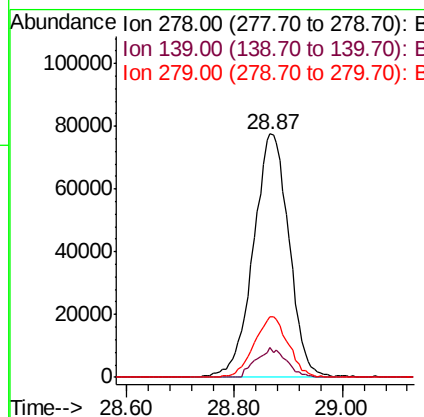
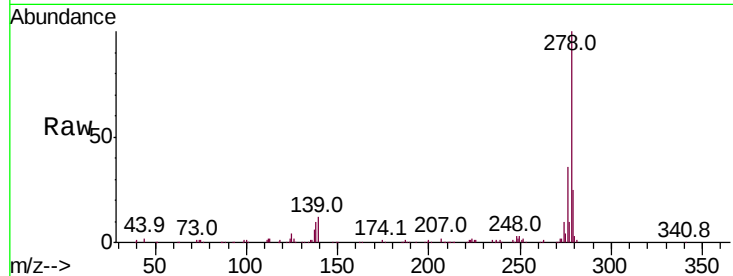
#91
Dibenzo(a,h)anthracene
Concen: 37.354 ng
RT: 28.87 min Scan# 4387
Delta R.T. 0.00 min
Lab File: BG038520.D
Acq: 13 Dec 2018 6:17

Instrument :
BNA_G
ClientSampleId :
PB115618BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.0	8.6	12.8
279	24.8	19.0	28.6

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 37.913 ng
RT: 29.99 min Scan# 4579
Delta R.T. -0.00 min
Lab File: BG038520.D
Acq: 13 Dec 2018 6:17

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.7	19.8	29.8
138	14.7	11.8	17.6

