

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120618\
 Data File : BG038377.D
 Acq On : 6 Dec 2018 10:14
 Operator : JU/SJ
 Sample : PB115166BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115166BS

Manual Integrations
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 12/7/2018 12:20:47 PM

Quant Time: Dec 06 10:57:13 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	26466	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	124979	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	76889	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	194471	20.00	ng	0.00
76) Chrysene-d12	21.73	240	187743	20.00	ng	0.00
87) Perylene-d12	25.04	264	194313	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	198476	132.71	ng	0.00
7) Phenol-d6	7.22	99	274736	127.10	ng	0.00
23) Nitrobenzene-d5	9.25	82	179243	71.20	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	114408	121.21	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	387861	71.88	ng	0.00
79) Terphenyl-d14	20.05	244	674944	77.02	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.50	88	20318	29.642 ng	94
3) Pyridine	3.90	79	78877	38.465 ng	98
4) n-Nitrosodimethylamine	3.83	42	44672	49.733 ng	97
6) Aniline	7.39	93	46179	16.727 ng	99
8) 2-Chlorophenol	7.63	128	71889	41.389 ng	94
9) Benzaldehyde	7.21	77	36954	26.998 ng	98
10) Phenol	7.25	94	97188	42.554 ng	93
11) bis(2-Chloroethyl)ether	7.49	93	67873	36.287 ng	95
12) 1,3-Dichlorobenzene	7.96	146	70487	34.722 ng	98
13) 1,4-Dichlorobenzene	8.11	146	73221	34.860 ng	98
14) 1,2-Dichlorobenzene	8.43	146	69973	35.208 ng	98
15) Benzyl Alcohol	8.31	79	66304	37.310 ng	95
16) 2,2'-oxybis(1-Chloropropan	8.58	45	149783	35.206 ng	97
17) 2-Methylphenol	8.50	107	64630	40.488 ng	98
18) Hexachloroethane	9.15	117	33132	43.705 ng	95
19) n-Nitroso-di-n-propylamine	8.87	70	58760	37.038 ng	94
20) 3+4-Methylphenols	8.83	107	93086	40.457 ng	97
22) Acetophenone	8.90	105	109627	36.084 ng	# 95
24) Nitrobenzene	9.29	77	88573	34.632 ng	97
25) Isophorone	9.80	82	192510	43.516 ng	97
26) 2-Nitrophenol	10.00	139	61539	51.930 ng	98
27) 2,4-Dimethylphenol	10.04	122	106717	62.698 ng	99
28) bis(2-Chloroethoxy)methane	10.29	93	132161	52.113 ng	99
29) 2,4-Dichlorophenol	10.53	162	90906	46.788 ng	99
30) 1,2,4-Trichlorobenzene	10.75	180	85144	37.331 ng	98
31) Naphthalene	10.94	128	232436	38.934 ng	100
32) Benzoic acid	10.18	122	47556	40.213 ng	92
33) 4-Chloroaniline	11.06	127	24982	9.453 ng	97
34) Hexachlorobutadiene	11.20	225	50752	35.568 ng	94
35) Caprolactam	11.83	113	48101m	59.866 ng	
36) 4-Chloro-3-methylphenol	12.16	107	104519	48.416 ng	99
37) 2-Methylnaphthalene	12.54	142	179017	42.107 ng	97
38) 1-Methylnaphthalene	12.76	142	164536	40.407 ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	96125	36.332 ng	98

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Quant Time: Dec 06 10:57:13 2018
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	131330	90.327	nq	99
43) 2,4,6-Trichlorophenol	13.14	196	67610	39.448	nq	94
44) 2,4,5-Trichlorophenol	13.21	196	73647	40.562	nq	97
46) 1,1'-Biphenyl	13.54	154	216692	33.341	nq	99
47) 2-Chloronaphthalene	13.59	162	175096	35.702	nq	99
48) 2-Nitroaniline	13.80	65	61431	37.335	nq	98
49) Acenaphthylene	14.43	152	295446	39.999	nq	99
50) Dimethylphthalate	14.15	163	236083	38.281	nq	100
51) 2,6-Dinitrotoluene	14.29	165	54224	38.490	nq	99
52) Acenaphthene	14.77	154	167639	37.229	nq	97
53) 3-Nitroaniline	14.62	138	18180	11.982	nq	# 90
54) 2,4-Dinitrophenol	14.82	184	64814	83.929	nq	# 85
55) Dibenzofuran	15.11	168	279096	37.491	nq	97
56) 4-Nitrophenol	14.92	139	92513	77.189	nq	89
57) 2,4-Dinitrotoluene	15.07	165	78894	40.604	nq	# 93
58) Fluorene	15.75	166	225129	41.048	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.32	232	67151	42.583	nq	98
60) Diethylphthalate	15.51	149	254134	37.195	nq	100
61) 4-Chlorophenyl-phenylether	15.74	204	120549	36.593	nq	99
62) 4-Nitroaniline	15.79	138	57710	38.672	nq	89
63) Azobenzene	16.03	77	226992	37.961	nq	95
65) 4,6-Dinitro-2-methylphenol	15.83	198	47163	37.014	nq	90
66) n-Nitrosodiphenylamine	15.96	169	211111	38.604	nq	98
67) 4-Bromophenyl-phenylether	16.63	248	79913	38.052	nq	97
68) Hexachlorobenzene	16.75	284	83309	38.459	nq	98
69) Atrazine	16.90	200	84465	41.393	nq	99
70) Pentachlorophenol	17.10	266	98722	66.539	nq	96
71) Phenanthrene	17.50	178	400723	41.146	nq	98
72) Anthracene	17.59	178	407025	43.157	nq	99
73) Carbazole	17.86	167	373188	39.868	nq	97
74) Di-n-butylphthalate	18.40	149	459195	41.991	nq	98
75) Fluoranthene	19.50	202	489048	42.980	nq	98
77) Benzidine	19.69	184	105766	16.695	nq	99
78) Pyrene	19.87	202	488924	37.220	nq	98
80) Butylbenzylphthalate	20.74	149	205151	38.830	nq	99
81) Benzo(a)anthracene	21.72	228	465728	40.362	nq	99
82) 3,3'-Dichlorobenzidine	21.63	252	73152	16.297	nq	98
83) Chrysene	21.78	228	419967	38.461	nq	98
84) Bis(2-ethylhexyl)phthalate	21.59	149	285007	38.059	nq	97
85) Di-n-octyl phthalate	22.82	149	465510	36.254	nq	98
86) Indeno(1,2,3-cd)pyrene	28.83	276	521228	42.002	nq	# 93
88) Benzo(b)fluoranthene	23.98	252	522078m	47.551	nq	
89) Benzo(k)fluoranthene	24.06	252	451493	41.289	nq	99
90) Benzo(a)pyrene	24.88	252	426115	40.012	nq	# 97
91) Dibenzo(a,h)anthracene	28.90	278	423668	41.944	nq	99
92) Benzo(g,h,i)perylene	30.02	276	544909	54.374	nq	97

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

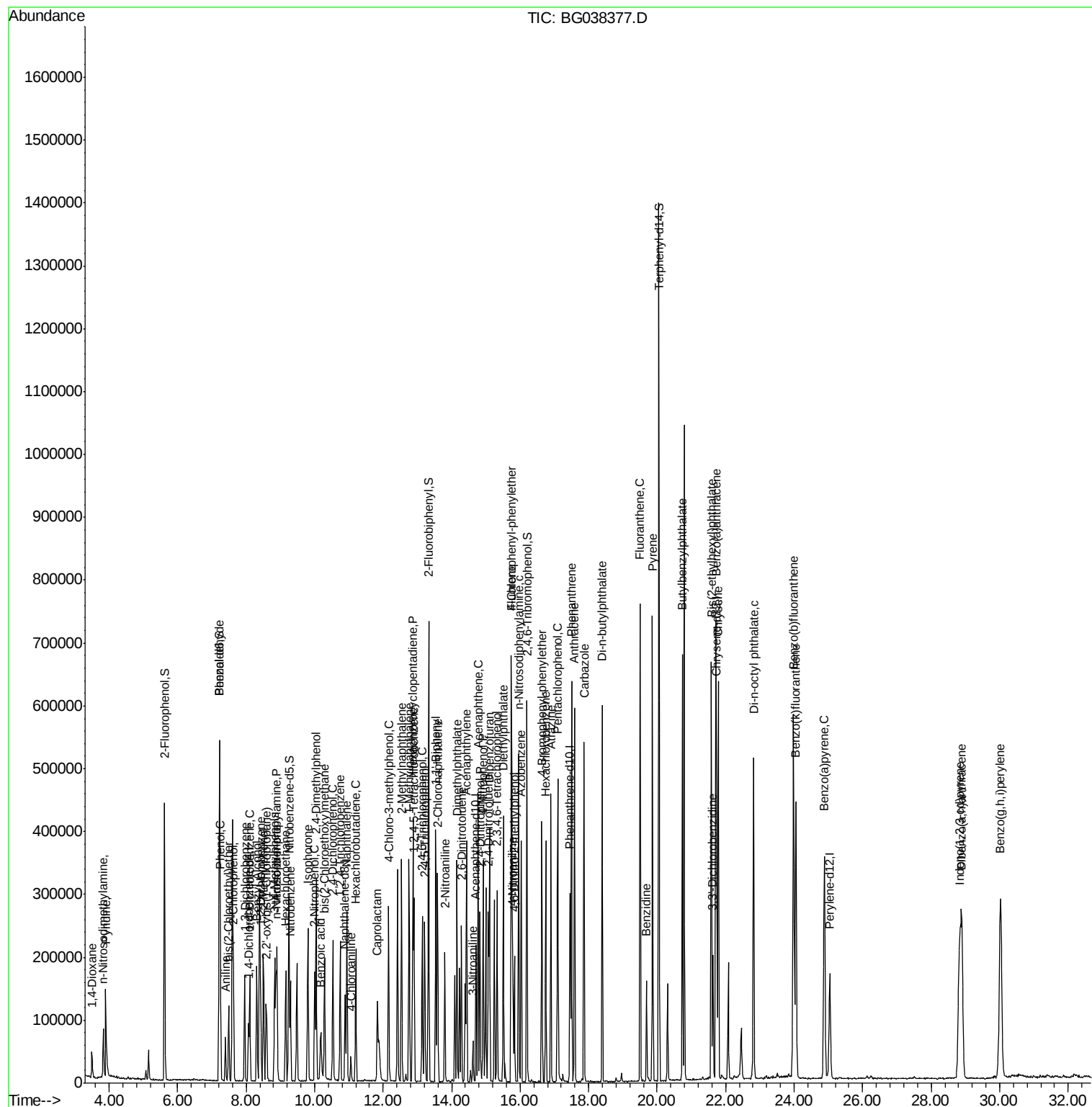
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120618\
Data File : BG038377.D
Acq On : 6 Dec 2018 10:14
Operator : JU/SJ
Sample : PB115166BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

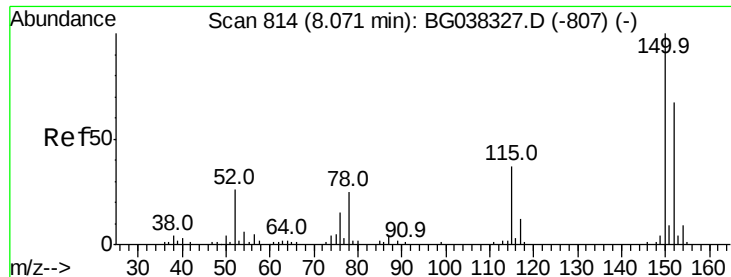
Instrument :
BNA_G
ClientSampleId :
PB115166BS

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

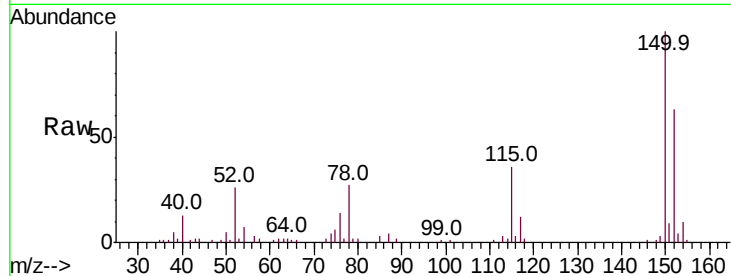
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.00 min
Lab File: BG038377.D
Acq: 6 Dec 2018 10:14

Instrument :
BNA_G
ClientSampleId :
PB115166BS

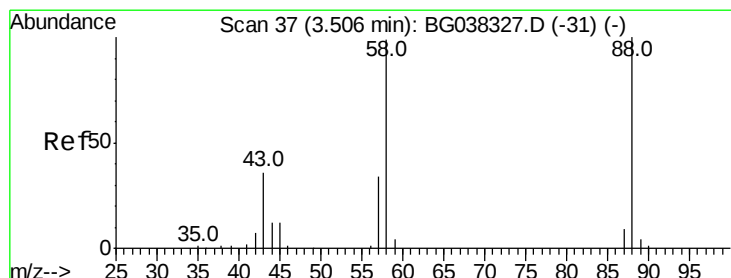
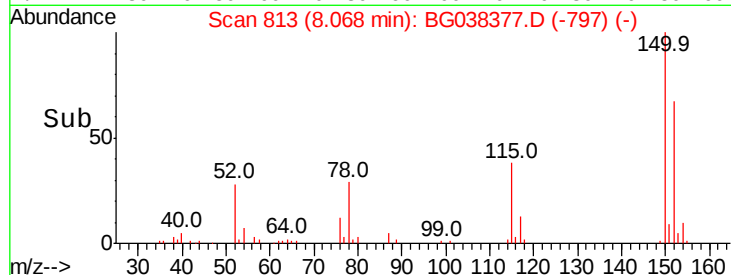
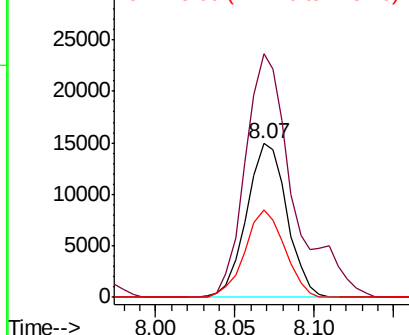
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	126.0	189.0
115	56.9	45.5	68.3

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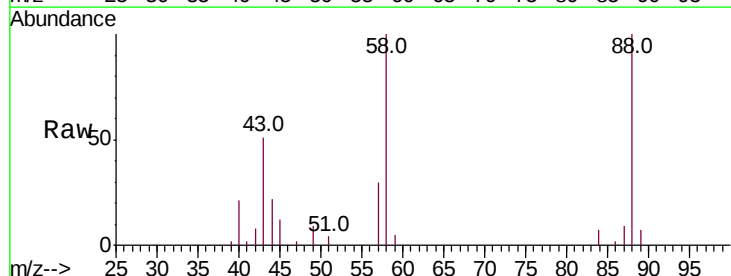
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



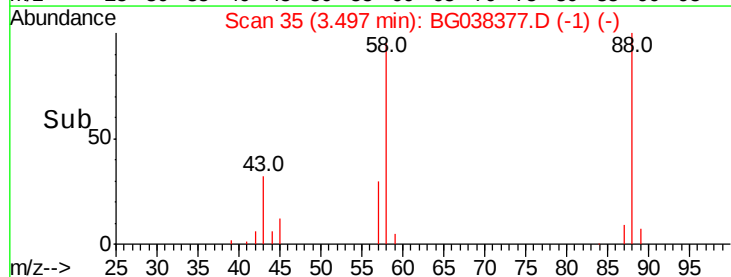
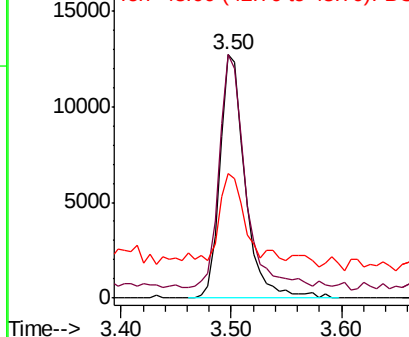
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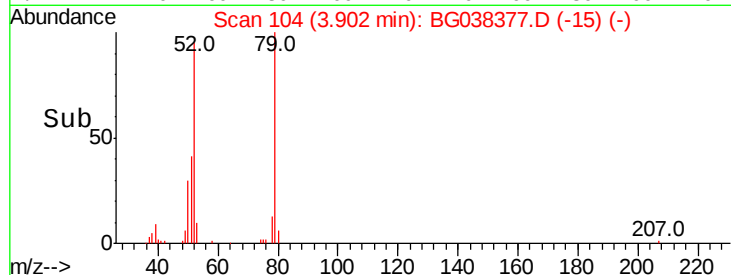
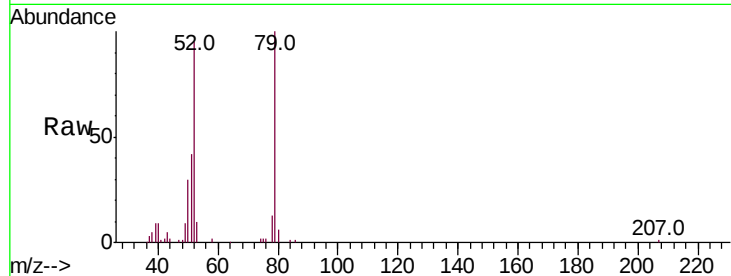
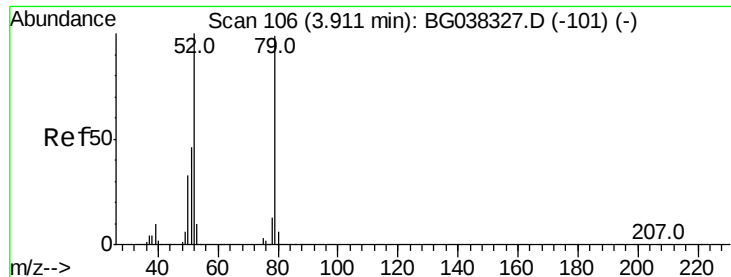
1,4-Dioxane
Concen: 29.642 ng
RT: 3.50 min Scan# 35
Delta R.T. -0.01 min
Lab File: BG038377.D
Acq: 6 Dec 2018 10:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	98.5	74.4	111.6
43	35.2	25.8	38.8



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





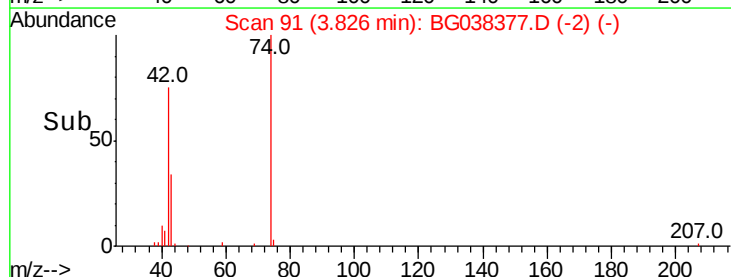
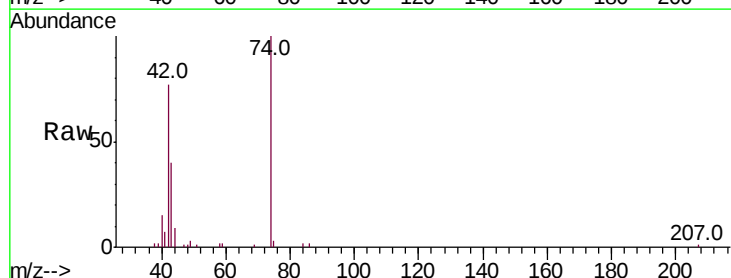
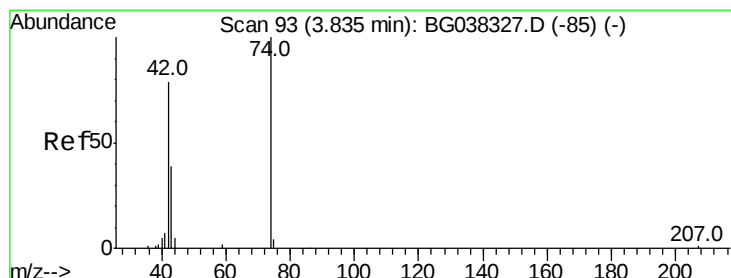
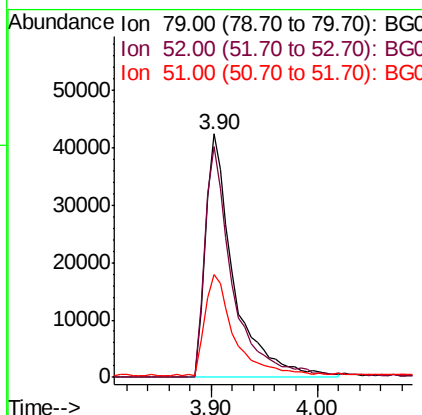
#3
Pvridine
Concen: 38.465 ng
RT: 3.90 min Scan# 104
Delta R.T. -0.01 min
Lab File: BG038377.D
Acq: 6 Dec 2018 10:14

Tot Ion	Ratio	Lower	Upper
79	100		
52	94.7	74.2	111.2
51	42.0	34.6	51.8

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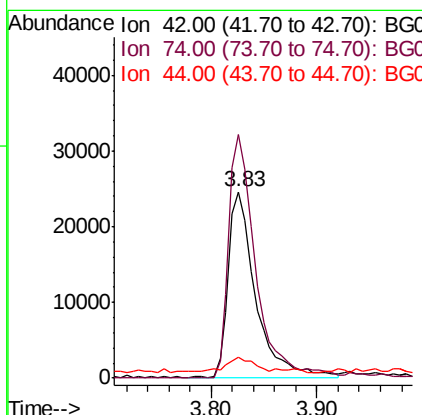
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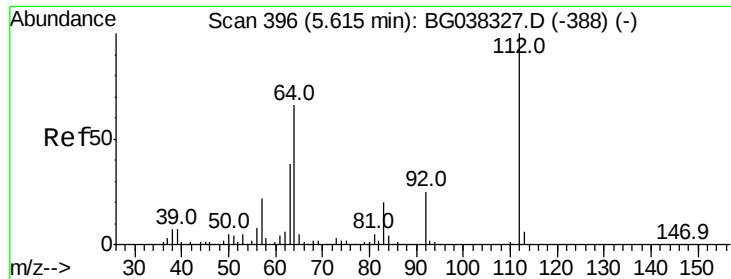
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#4
n-Nitrosodimethylamine
Concen: 49.733 ng
RT: 3.83 min Scan# 91
Delta R.T. -0.01 min
Lab File: BG038377.D
Acq: 6 Dec 2018 10:14

Tgt Ion	Ratio	Lower	Upper
42	100		
74	130.7	102.0	153.0
44	11.2	9.6	14.4





#5

2-Fluorophenol

Concen: 132.711 ng

RT: 5.62 min Scan# 396

Delta R.T. 0.00 min

Lab File: BG038377.D

Acq: 6 Dec 2018 10:14

Instrument :

BNA_G

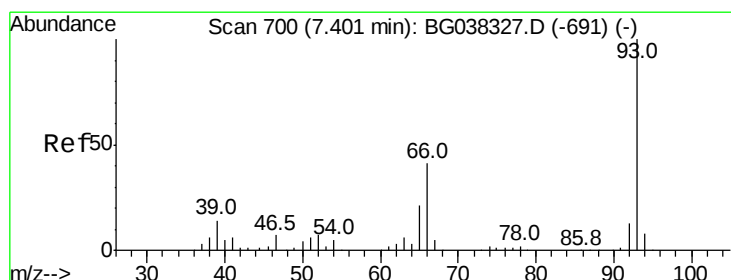
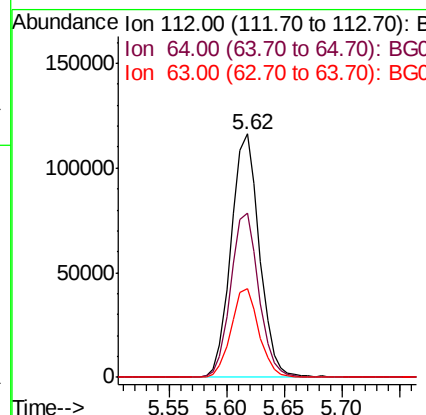
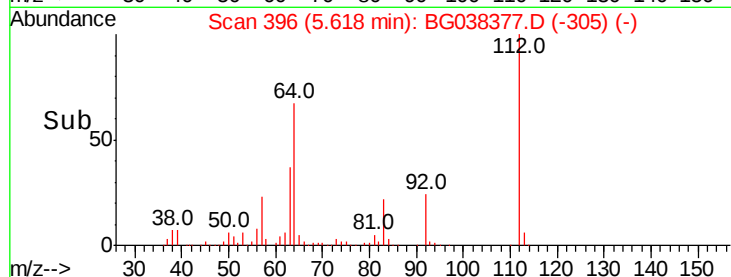
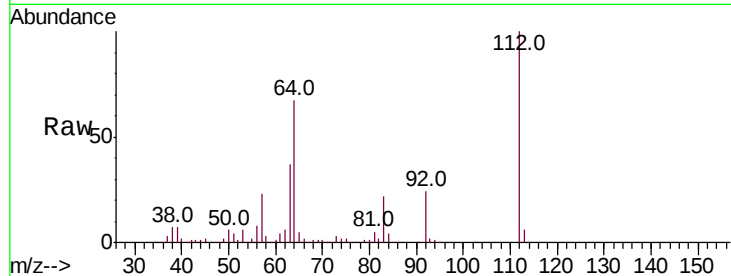
ClientSampleId :

PB115166BS

Tot Ion:	112	Resp:	198476
Ion Ratio	Lower	Upper	
112	100		
64	67.2	53.1	79.7
63	36.6	27.3	40.9

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#6

Aniline

Concen: 16.727 ng

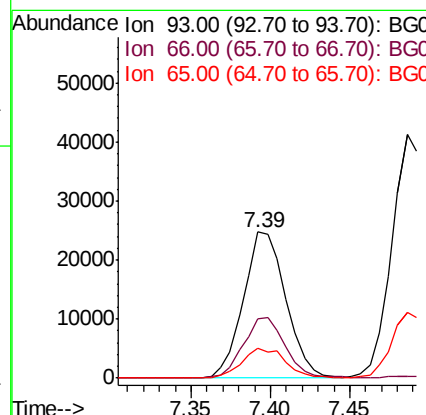
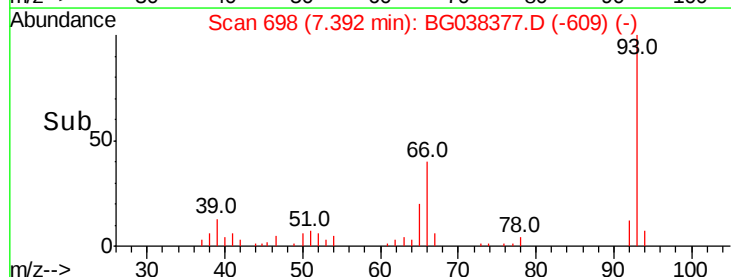
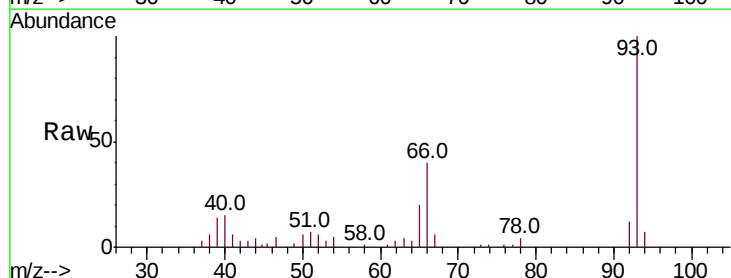
RT: 7.39 min Scan# 698

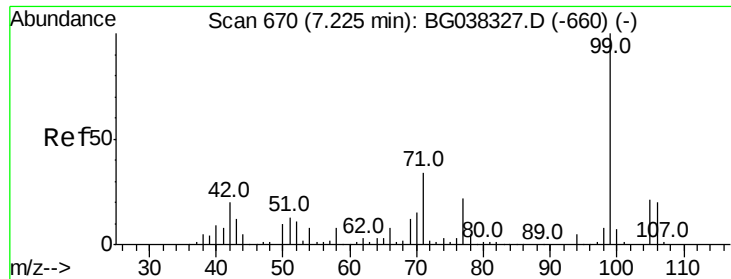
Delta R.T. -0.01 min

Lab File: BG038377.D

Acq: 6 Dec 2018 10:14

Tgt Ion:	93	Resp:	46179
Ion Ratio	Lower	Upper	
93	100		
66	40.2	32.8	49.2
65	20.2	16.4	24.6





#7

Phenol-d6

Concen: 127.100 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG038377.D

Acq: 6 Dec 2018 10:14

Instrument :

BNA_G

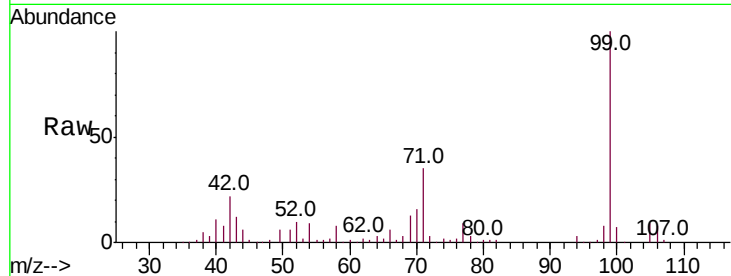
ClientSampleId :

PB115166BS

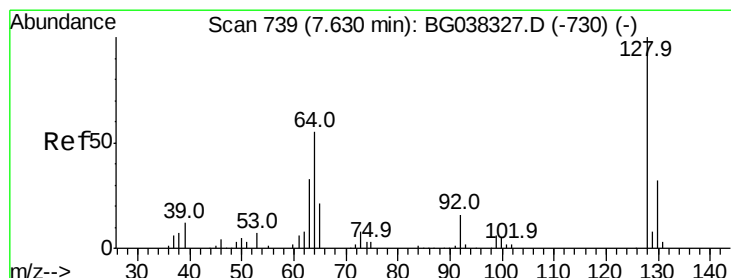
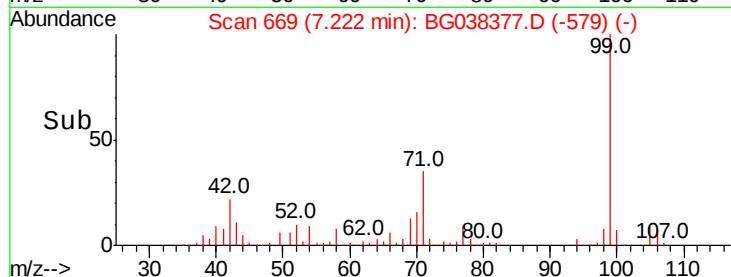
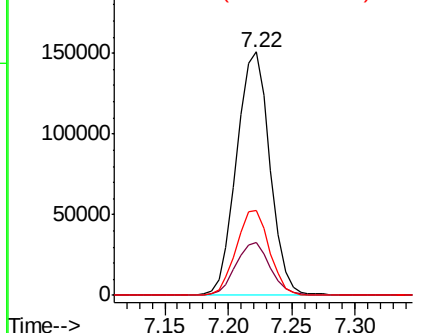
Tot Ion:	99	Resp:	274736
Ion Ratio	Lower	Upper	
99	100		
42	21.9	15.0	22.4
71	35.1	25.5	38.3

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



#8

2-Chlorophenol

Concen: 41.389 ng

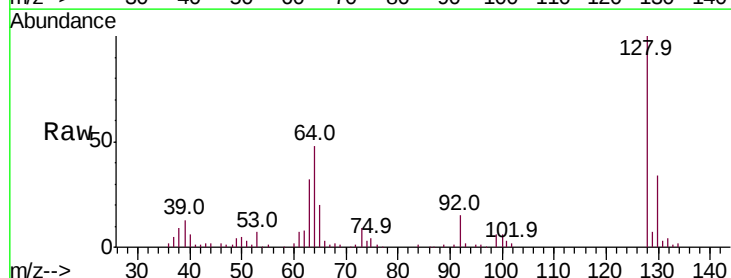
RT: 7.63 min Scan# 739

Delta R.T. 0.00 min

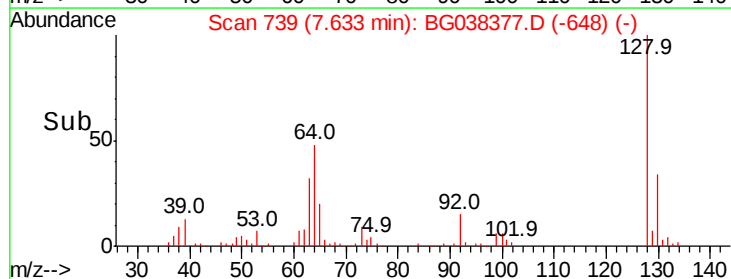
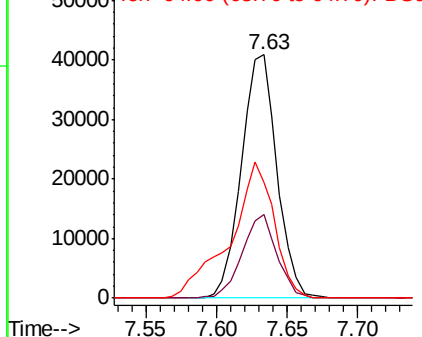
Lab File: BG038377.D

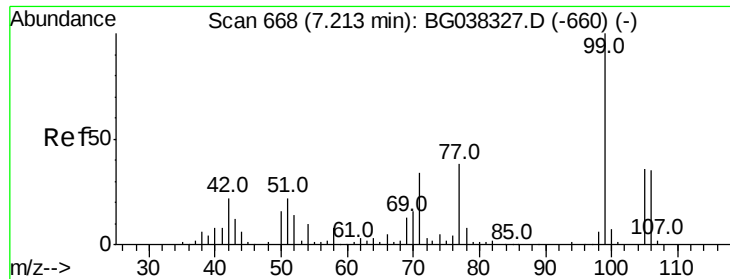
Acq: 6 Dec 2018 10:14

Tgt Ion:	128	Resp:	71889
Ion Ratio	Lower	Upper	
128	100		
130	34.1	12.0	52.0
64	47.5	32.9	72.9



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





#9

Benzaldehyde

Concen: 26.998 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.00 min

Lab File: BG038377.D

Acq: 6 Dec 2018 10:14

Instrument :

BNA_G

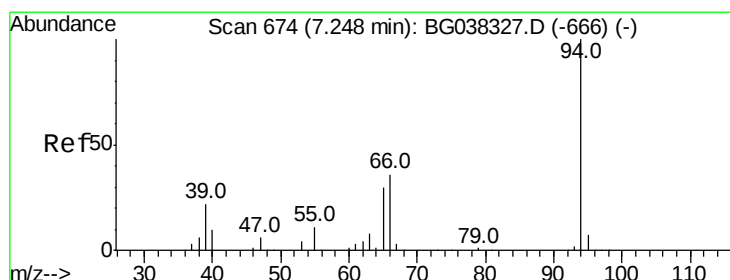
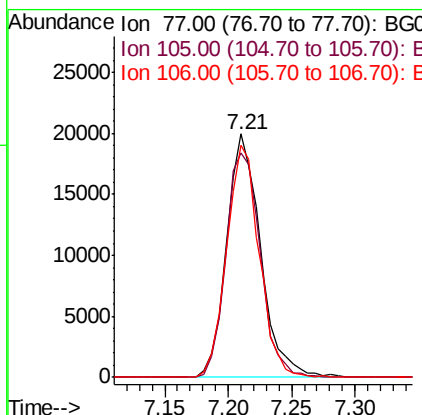
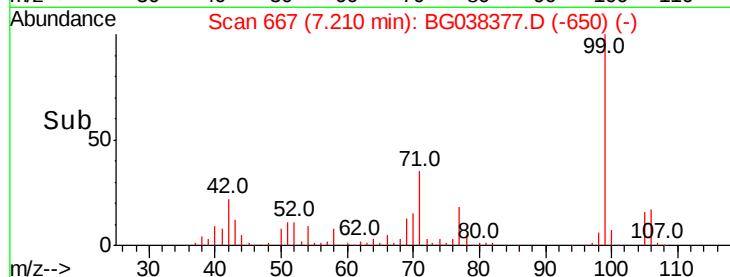
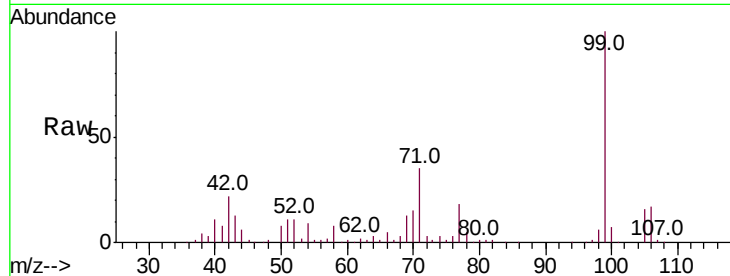
ClientSampleID :

PB115166BS

Tot Ion:	77	Resp:	36954
Ion	Ratio	Lower	Upper
77	100		
105	92.3	72.6	112.6
106	95.2	71.3	111.3

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#10

Phenol

Concen: 42.554 ng

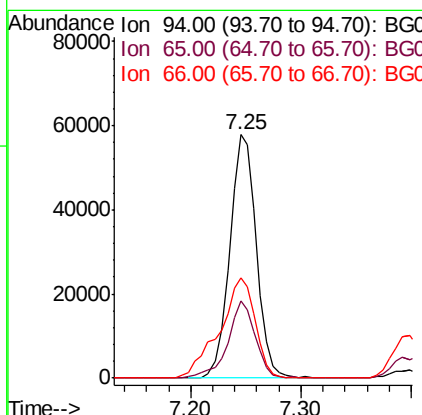
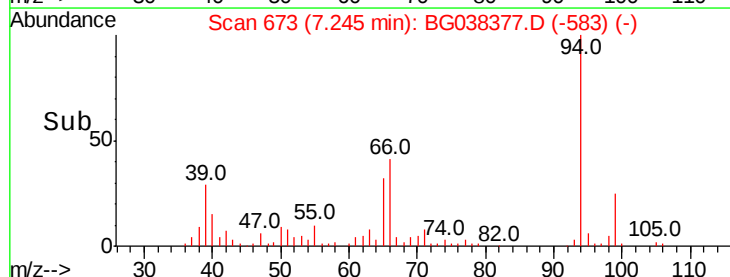
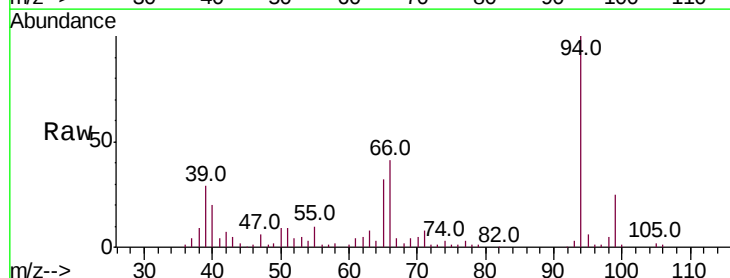
RT: 7.25 min Scan# 673

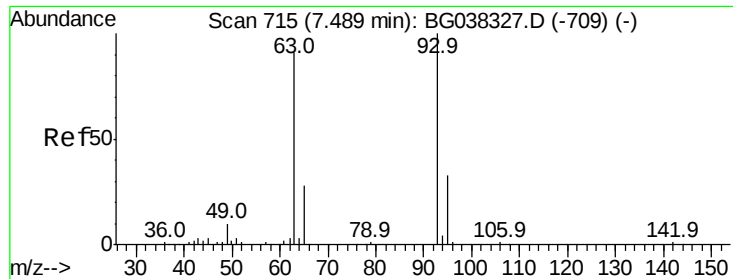
Delta R.T. -0.00 min

Lab File: BG038377.D

Acq: 6 Dec 2018 10:14

Tgt Ion:	94	Resp:	97188
Ion	Ratio	Lower	Upper
94	100		
65	31.7	9.7	49.7
66	41.3	15.9	55.9





#11

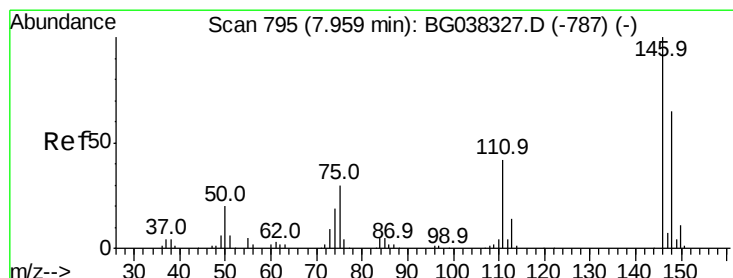
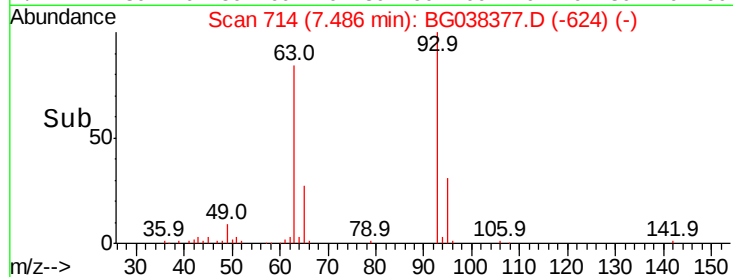
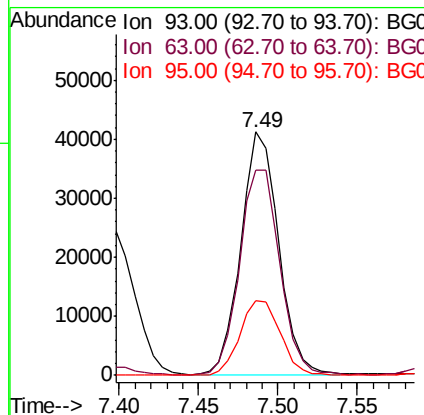
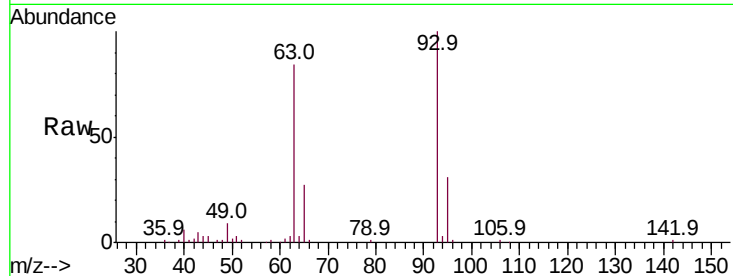
bis(2-Chloroethyl)ether
Concen: 36.287 ng
RT: 7.49 min Scan# 714
Delta R.T. -0.00 min
Lab File: BG038377.D
Acq: 6 Dec 2018 10:14

Instrument :
BNA_G
ClientSampleId :
PB115166BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	84.3	69.5	109.5
95	30.8	12.6	52.6

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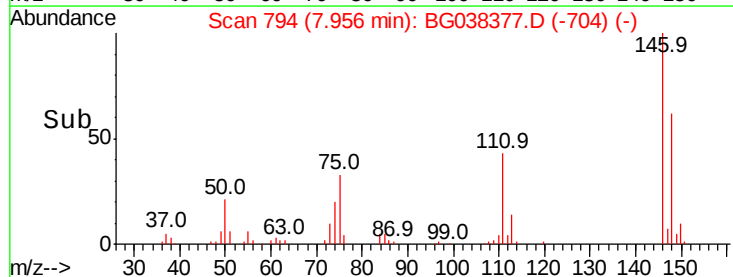
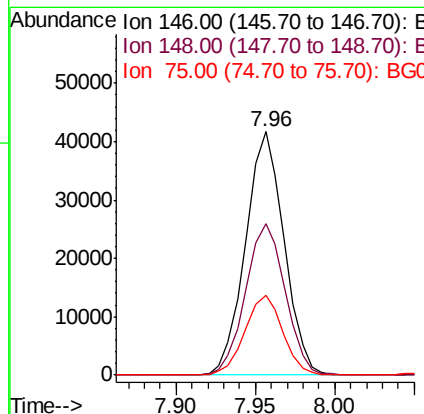
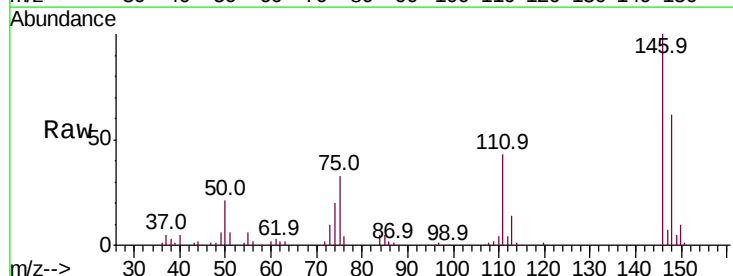
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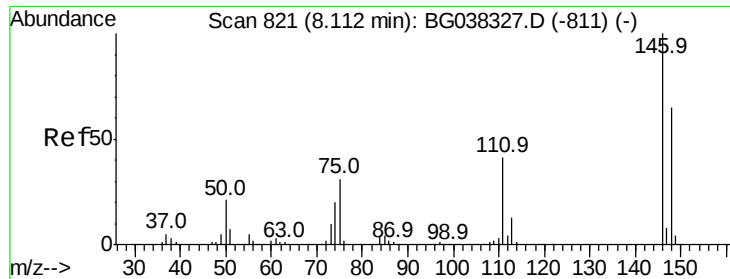


#12

1,3-Dichlorobenzene
Concen: 34.722 ng
RT: 7.96 min Scan# 794
Delta R.T. -0.00 min
Lab File: BG038377.D
Acq: 6 Dec 2018 10:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.4	49.8	74.8
75	32.8	23.2	34.8





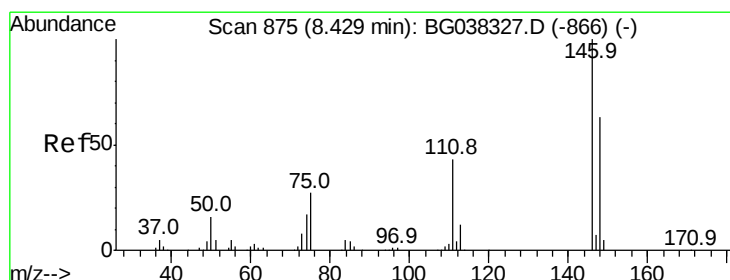
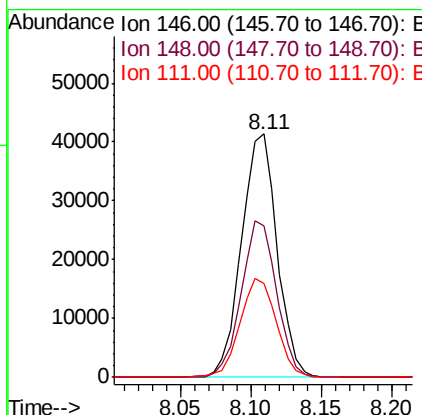
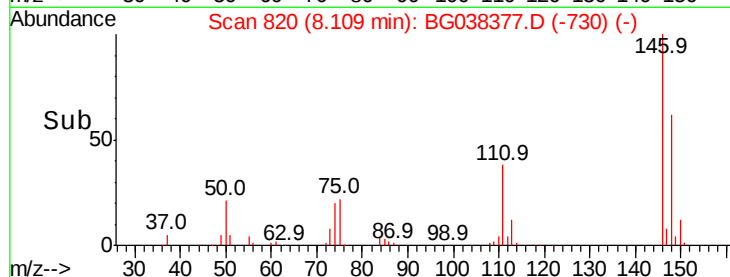
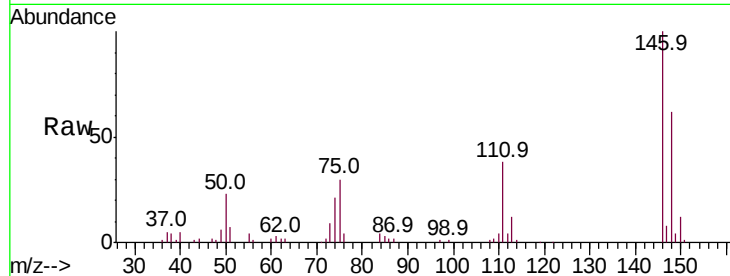
#13
 1,4-Dichlorobenzene
 Concen: 34.860 ng
 RT: 8.11 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BG038377.D
 Acq: 6 Dec 2018 10:14

Instrument :
 BNA_G
 ClientSampled :
 PB115166BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.3	51.0	76.6
111	38.5	32.4	48.6

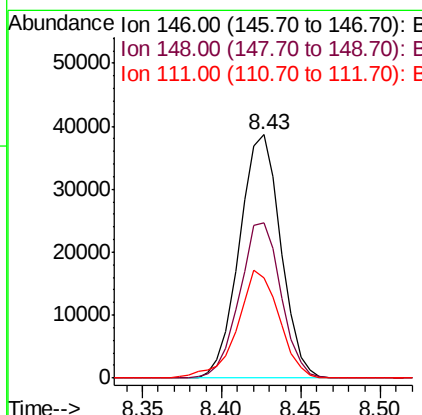
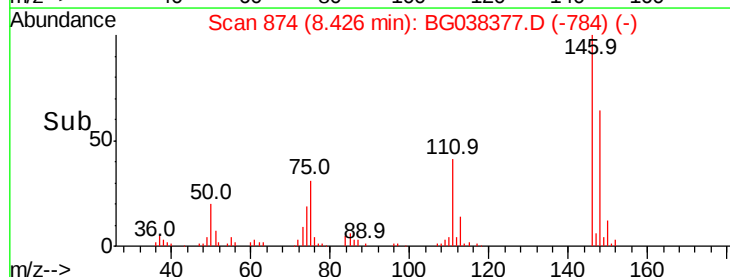
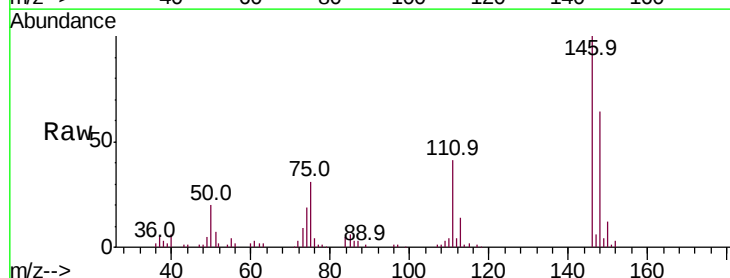
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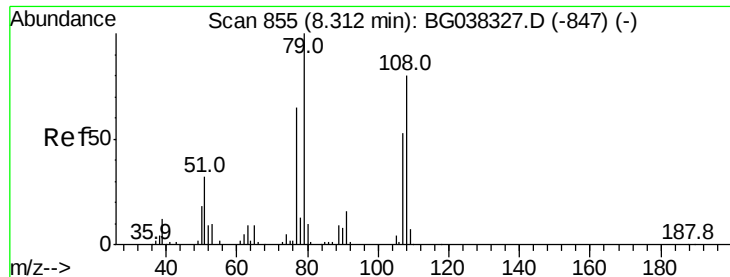
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#14
 1,2-Dichlorobenzene
 Concen: 35.208 ng
 RT: 8.43 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: BG038377.D
 Acq: 6 Dec 2018 10:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.4	75.6
111	41.2	34.6	51.8





#15

Benzyl Alcohol

Concen: 37.310 ng

RT: 8.31 min Scan# 854

Delta R.T. -0.00 min

Lab File: BG038377.D

Acq: 6 Dec 2018 10:14

Instrument :

BNA_G

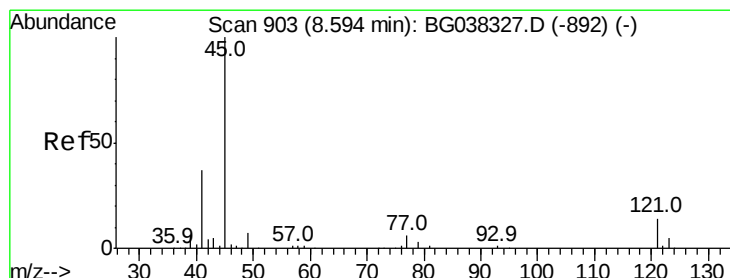
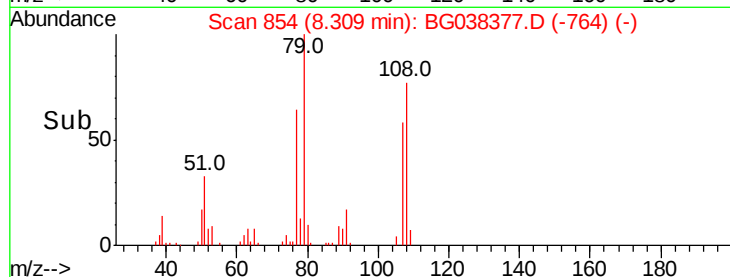
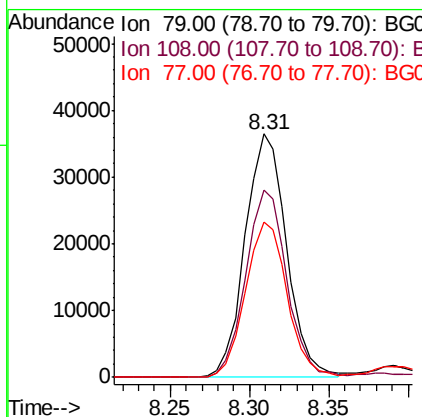
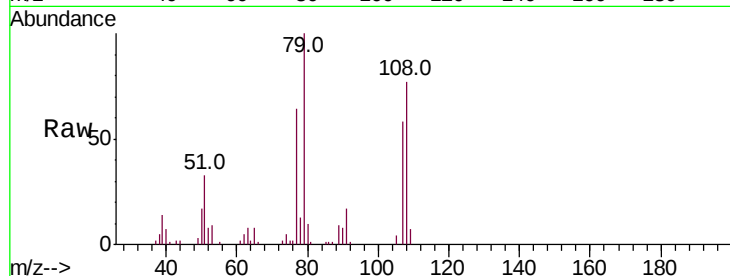
ClientSampleId :

PB115166BS

Tot Ion:	79	Resp:	66304
Ion Ratio	Lower	Upper	
79	100		
108	76.8	65.8	98.8
77	63.8	52.9	79.3

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#16

2,2'-oxybis(1-chloropropane)

Concen: 35.206 ng

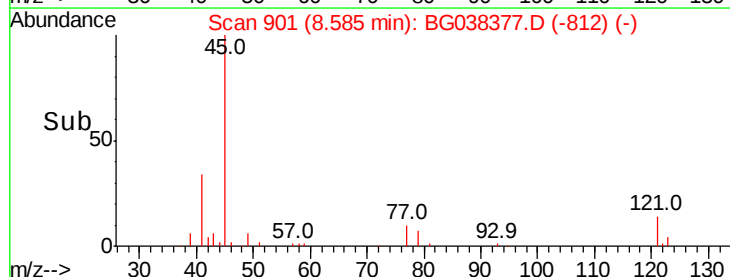
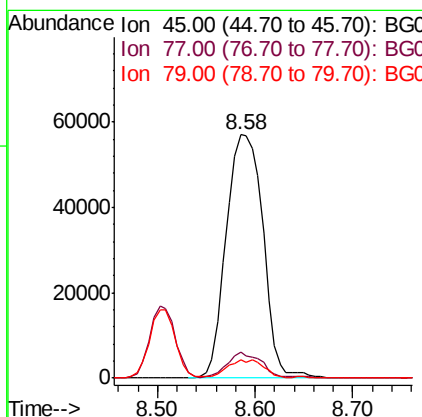
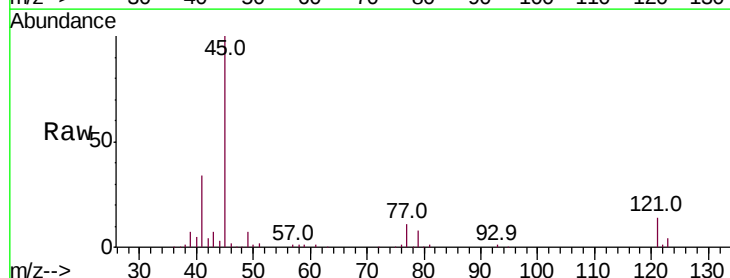
RT: 8.58 min Scan# 901

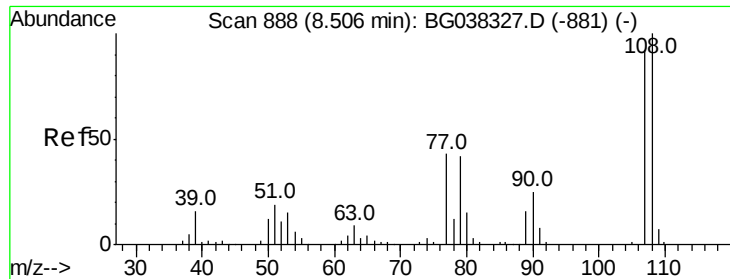
Delta R.T. -0.01 min

Lab File: BG038377.D

Acq: 6 Dec 2018 10:14

Tgt Ion:	45	Resp:	149783
Ion Ratio	Lower	Upper	
45	100		
77	10.7	0.0	30.0
79	7.6	0.0	29.0





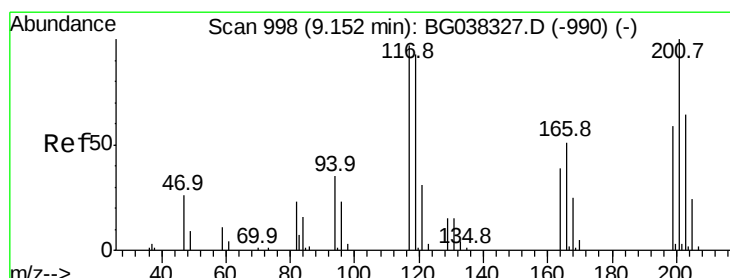
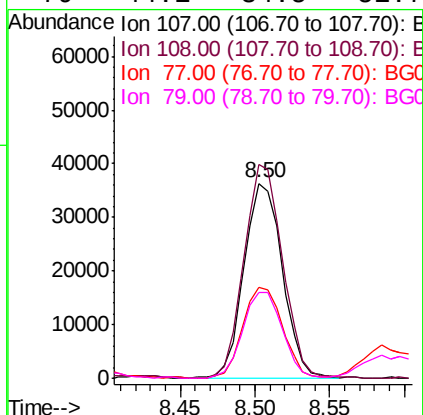
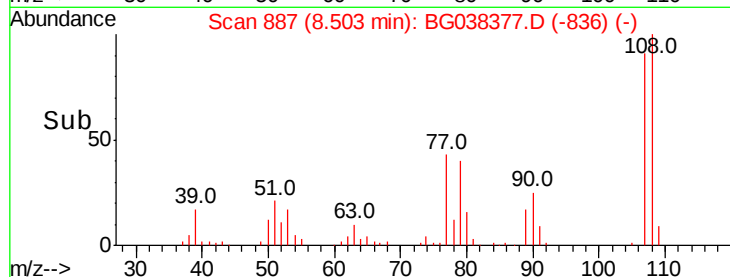
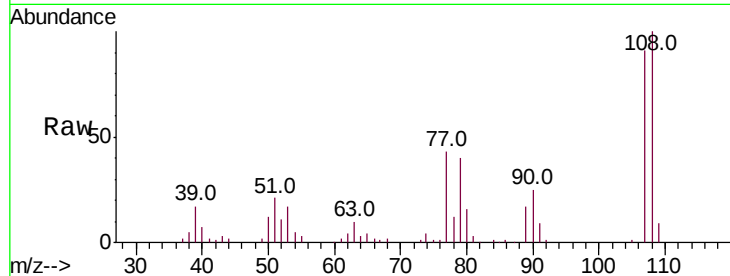
#17
2-Methylphenol
Concen: 40.488 ng
RT: 8.50 min Scan# 887
Delta R.T. -0.00 min
Lab File: BG038377.D
Acq: 6 Dec 2018 10:14

Instrument :
BNA_G
ClientSampleId :
PB115166BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	109.5	87.9	131.9
77	46.9	35.1	52.7
79	44.1	34.5	51.7

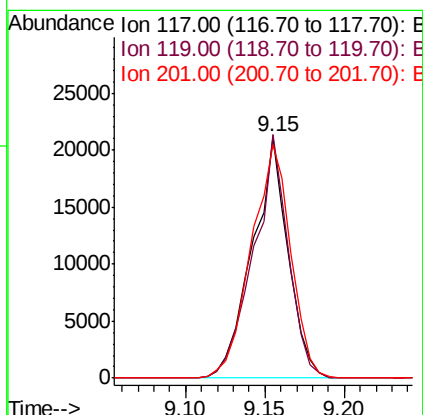
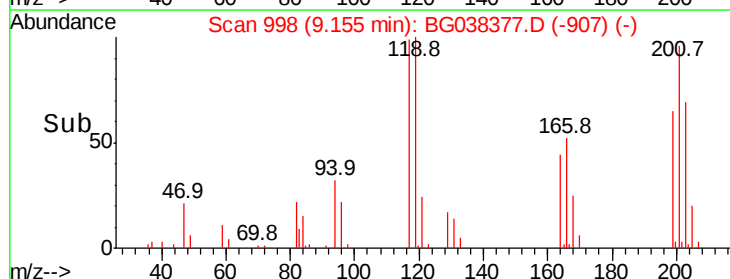
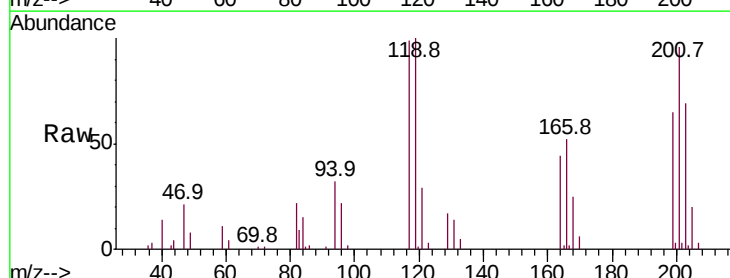
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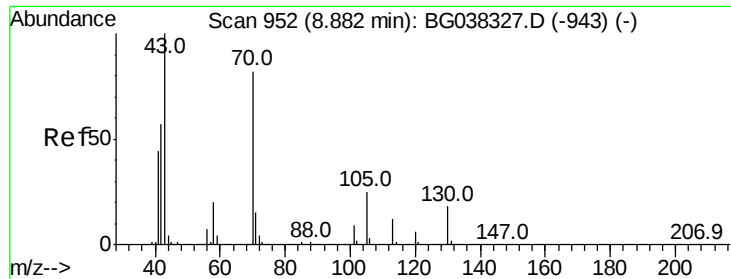
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#18
Hexachloroethane
Concen: 43.705 ng
RT: 9.15 min Scan# 998
Delta R.T. 0.00 min
Lab File: BG038377.D
Acq: 6 Dec 2018 10:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.8	74.6	111.8
201	99.4	80.8	121.2





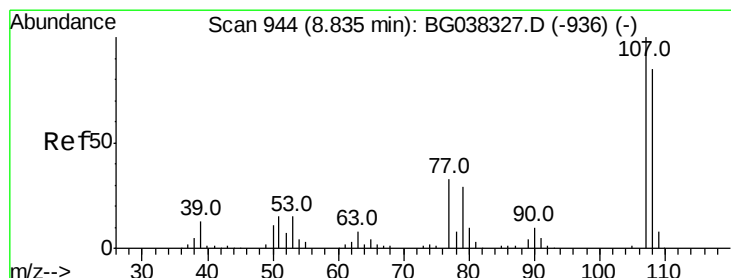
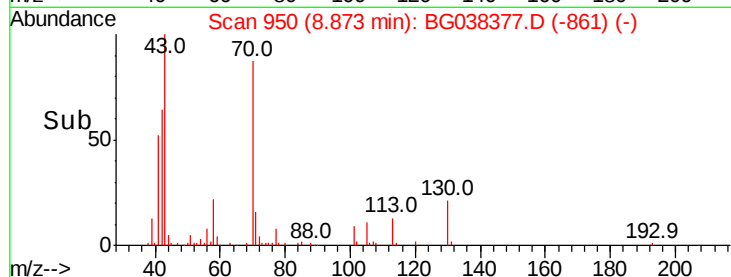
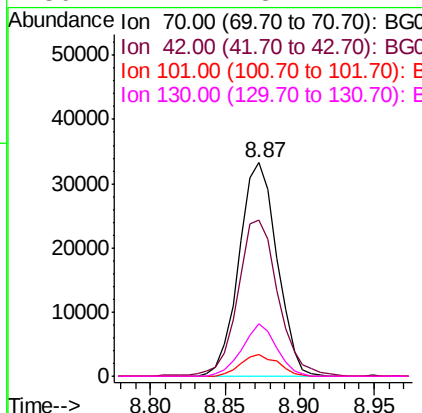
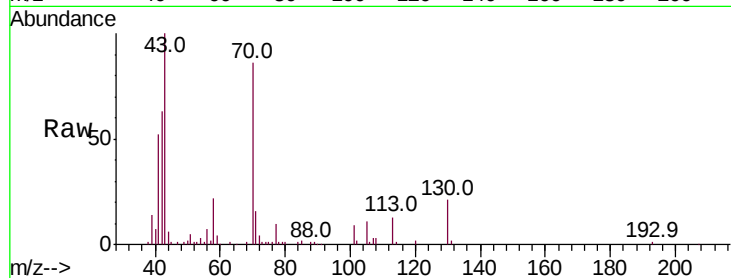
#19
n-Nitroso-di-n-propylamine
Concen: 37.038 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.01 min
Lab File: BG038377.D
Acq: 6 Dec 2018 10:14

Instrument :
BNA_G
ClientSampleId :
PB115166BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	73.2	53.9	80.9	
101	10.2	8.2	12.2	
130	24.4	18.2	27.4	

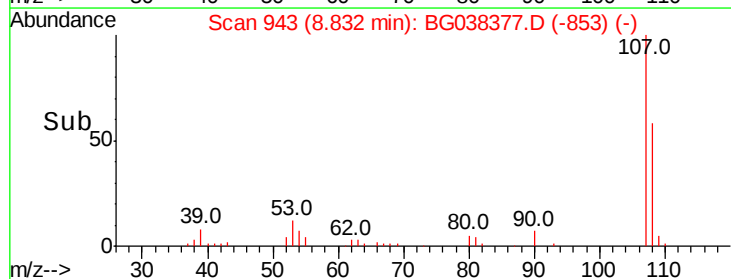
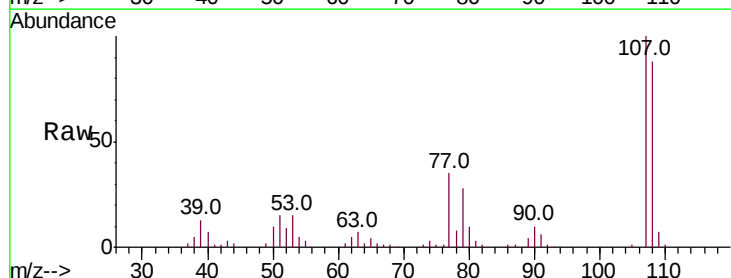
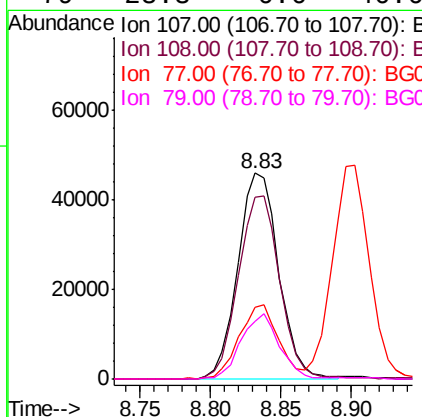
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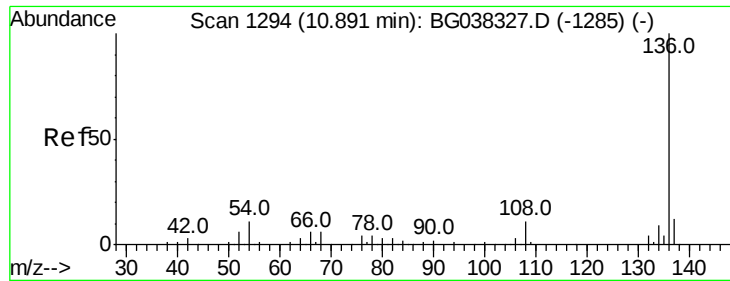
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#20
3+4-Methylphenols
Concen: 40.457 ng
RT: 8.83 min Scan# 943
Delta R.T. -0.00 min
Lab File: BG038377.D
Acq: 6 Dec 2018 10:14

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.2	69.9	109.9	
77	34.9	11.2	51.2	
79	28.3	6.6	46.6	





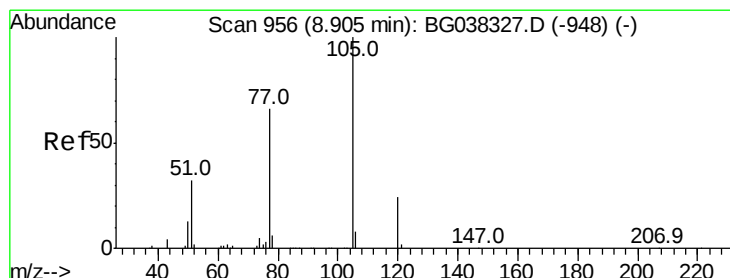
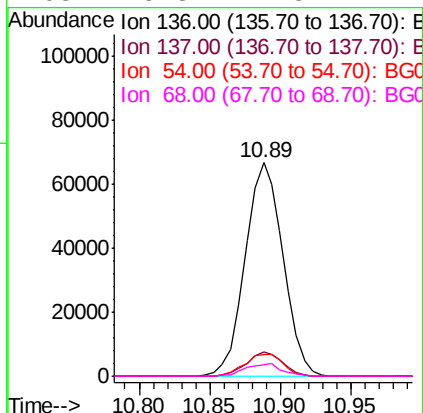
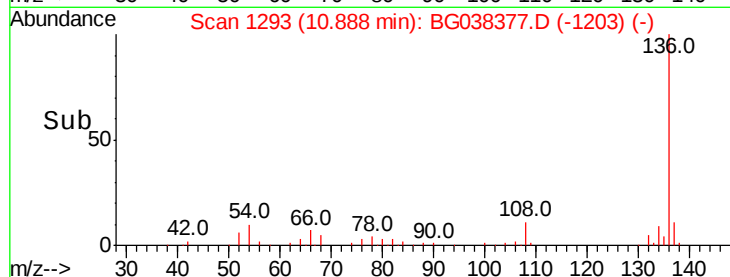
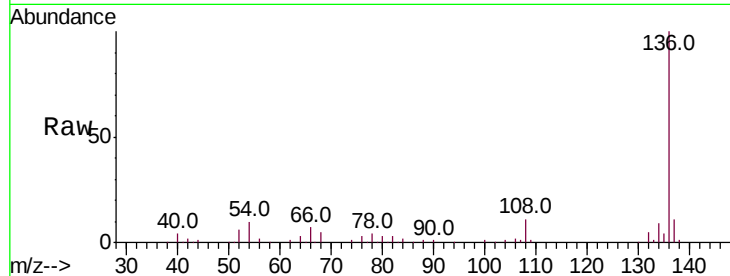
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BG038377.D
Acq: 6 Dec 2018 10:14

Instrument :
BNA_G
ClientSampleId :
PB115166BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	124979		
137	11.2		9.6	14.4
54	10.3		7.9	11.9
68	5.3		4.8	7.2

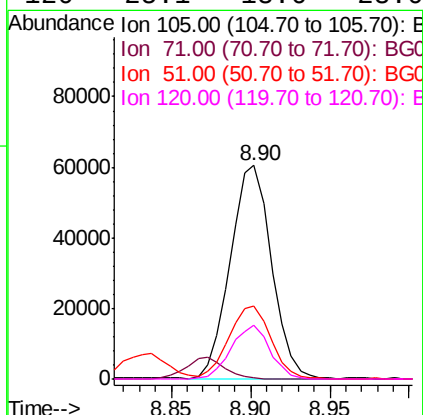
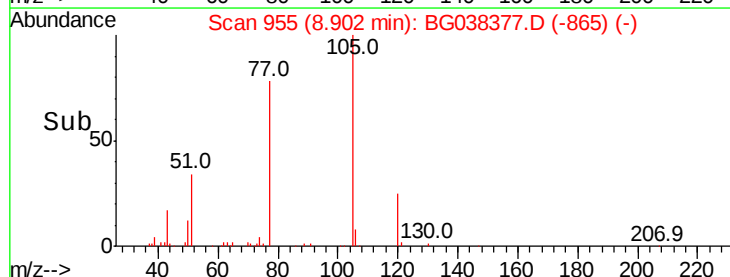
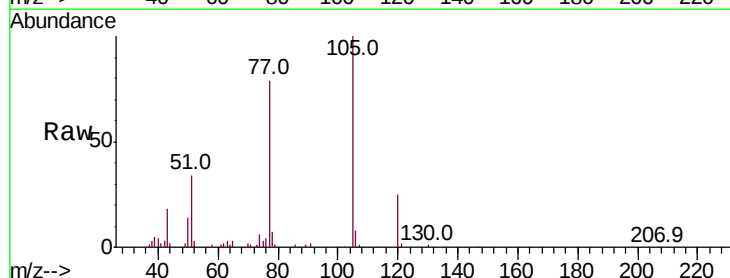
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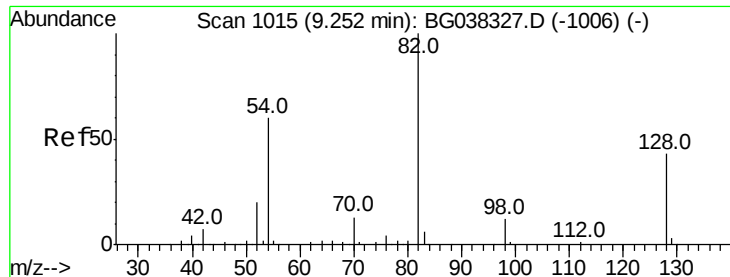
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#22
Acetophenone
Concen: 36.084 ng
RT: 8.90 min Scan# 955
Delta R.T. -0.00 min
Lab File: BG038377.D
Acq: 6 Dec 2018 10:14

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	109627		
71	0.5		1.2	1.8#
51	34.3		25.0	37.6
120	25.1		18.6	28.0





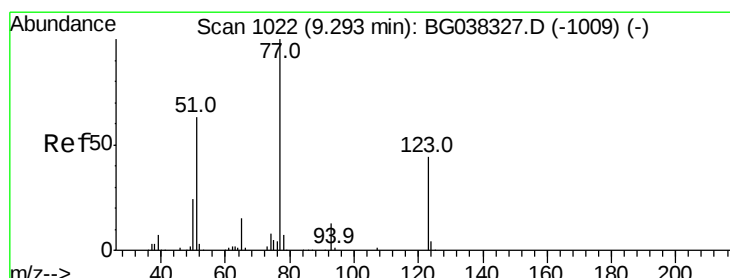
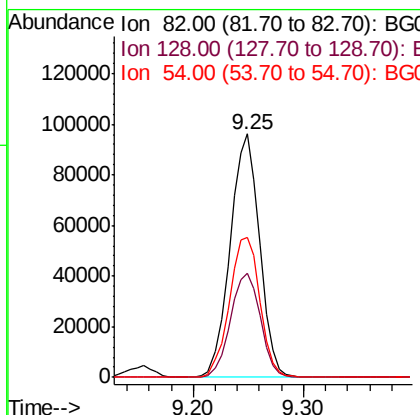
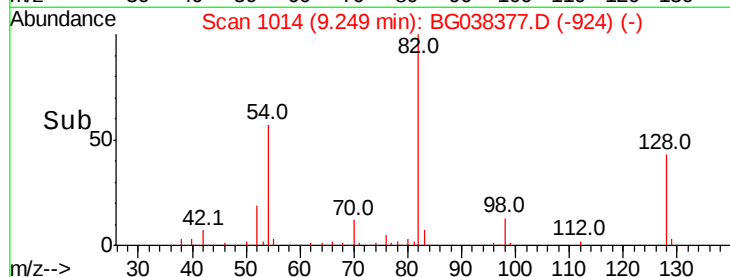
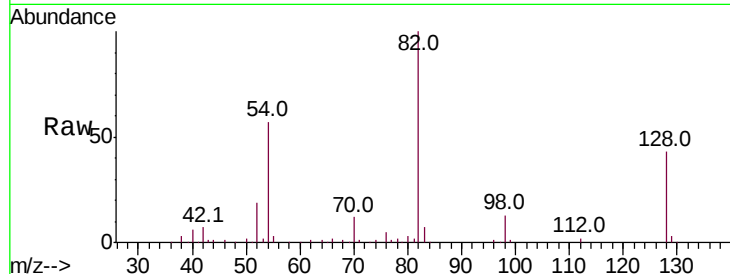
#23
 Nitrobenzene-d5
 Concen: 71.204 ng
 RT: 9.25 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: BG038377.D
 Acq: 6 Dec 2018 10:14

Instrument :
 BNA_G
 ClientSampleId :
 PB115166BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.9	34.6	51.8
54	57.4	45.3	67.9

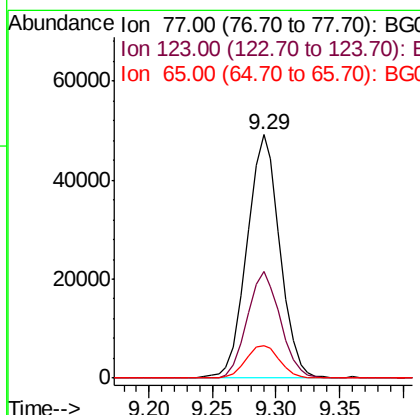
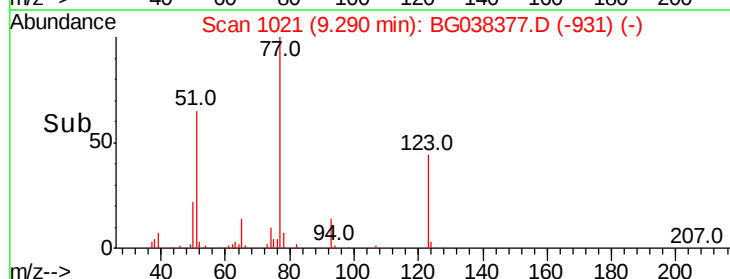
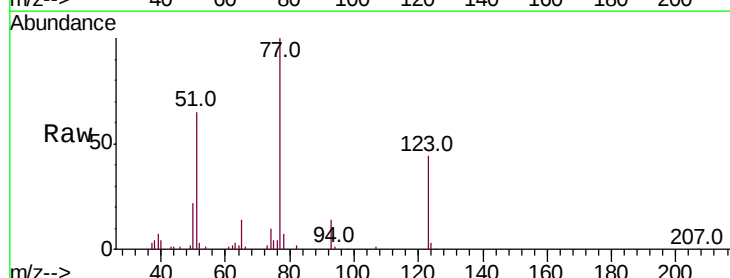
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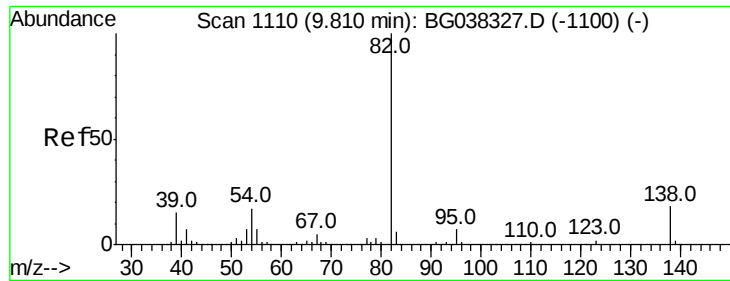
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#24
 Nitrobenzene
 Concen: 34.632 ng
 RT: 9.29 min Scan# 1021
 Delta R.T. -0.00 min
 Lab File: BG038377.D
 Acq: 6 Dec 2018 10:14

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.0	33.6	50.4
65	13.5	11.3	16.9





#25

Isophorone

Concen: 43.516 ng

RT: 9.80 min Scan# 1108

Delta R.T. -0.01 min

Lab File: BG038377.D

Acq: 6 Dec 2018 10:14

Instrument :

BNA_G

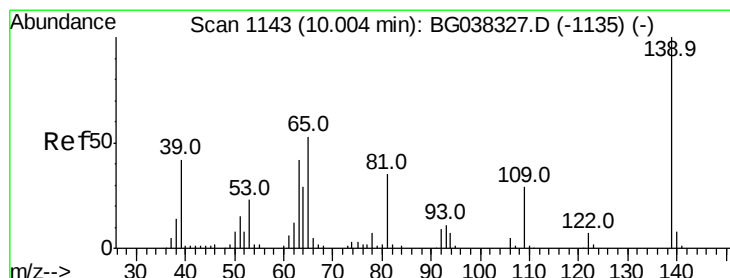
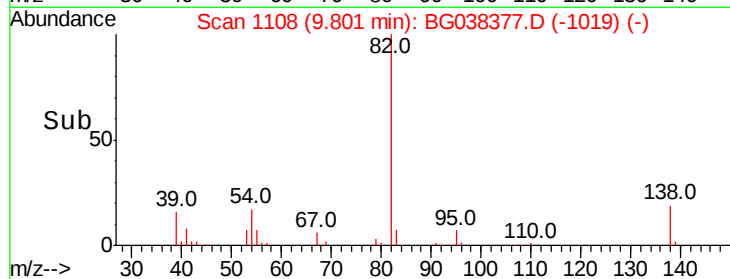
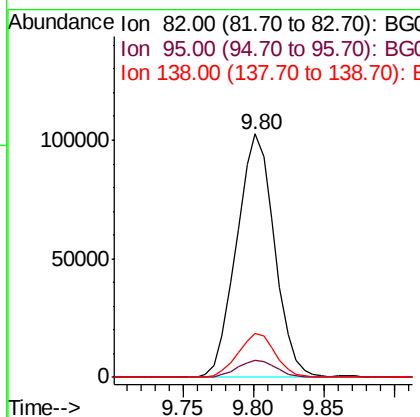
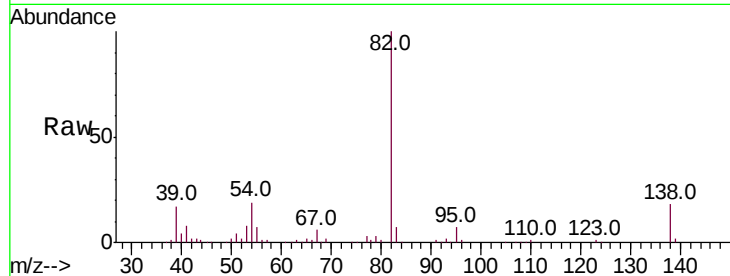
ClientSampleId :

PB115166BS

Tot Ion:	82	Resp:	192510
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.3	7.9
138	18.3	13.3	19.9

Manual Integrations
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#26

2-Nitrophenol

Concen: 51.930 ng

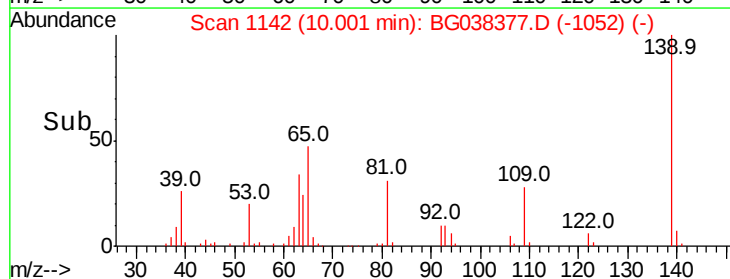
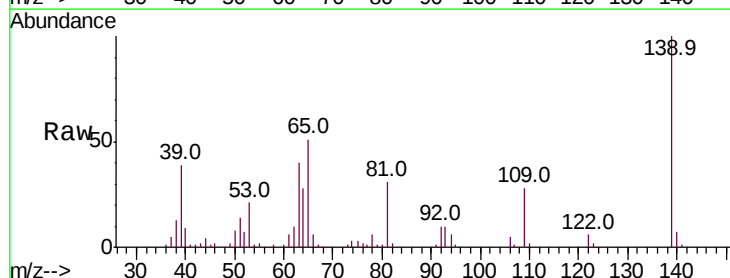
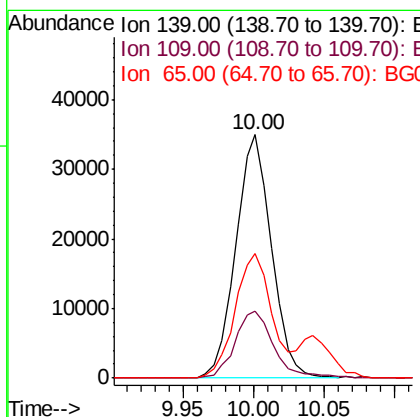
RT: 10.00 min Scan# 1142

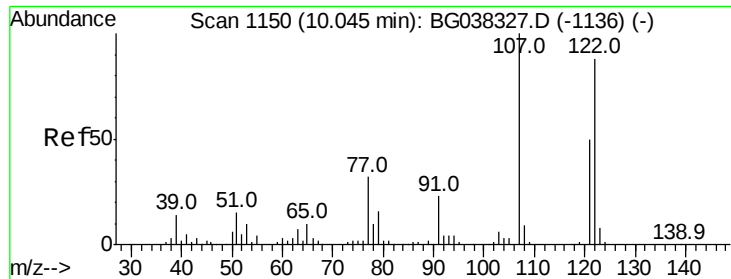
Delta R.T. -0.00 min

Lab File: BG038377.D

Acq: 6 Dec 2018 10:14

Tgt Ion:	139	Resp:	61539
Ion Ratio	Lower	Upper	
139	100		
109	27.5	23.3	34.9
65	51.0	39.8	59.8





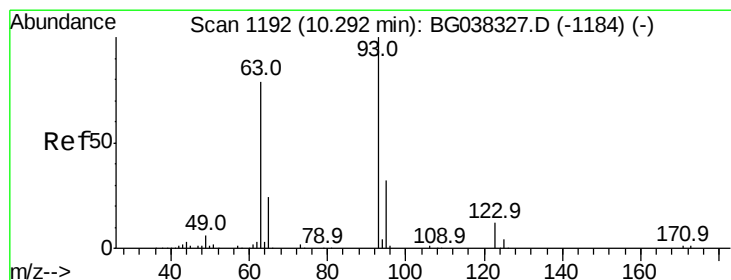
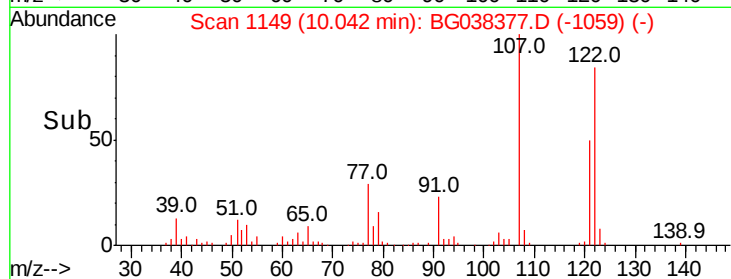
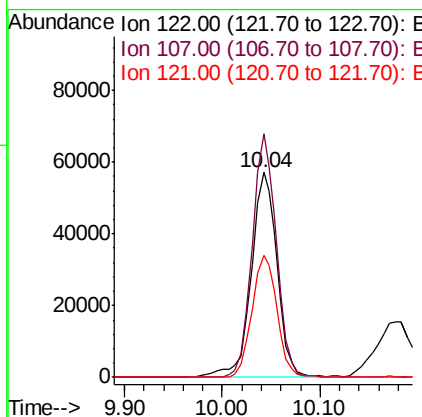
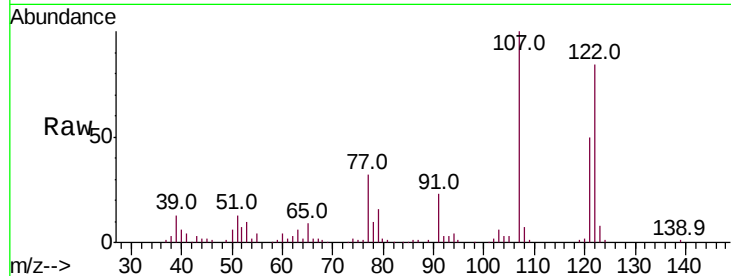
#27
 2,4-Dimethylphenol
 Concen: 62.698 ng
 RT: 10.04 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BG038377.D
 Acq: 6 Dec 2018 10:14

Instrument :
 BNA_G
 ClientSampleId :
 PB115166BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	118.8	94.2	141.2
121	59.5	47.3	70.9

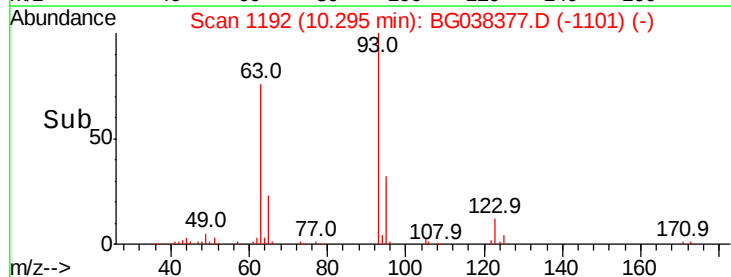
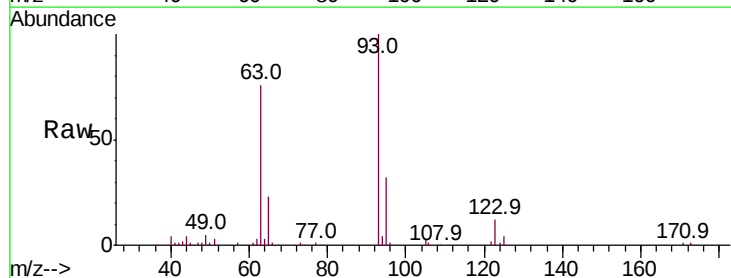
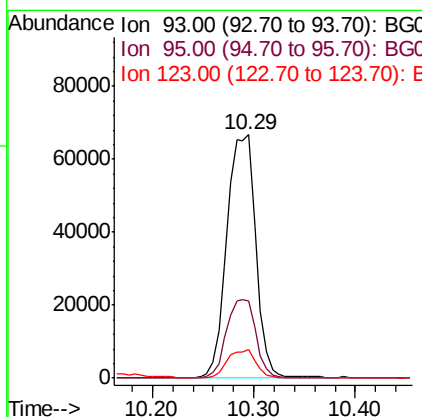
Manual Integrations
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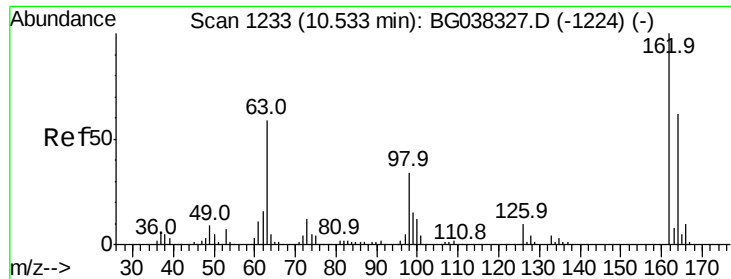
mohammad
 12/7/2018 12:20:47 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 52.113 ng
 RT: 10.29 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: BG038377.D
 Acq: 6 Dec 2018 10:14

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.6	24.6	37.0
123	11.7	9.1	13.7





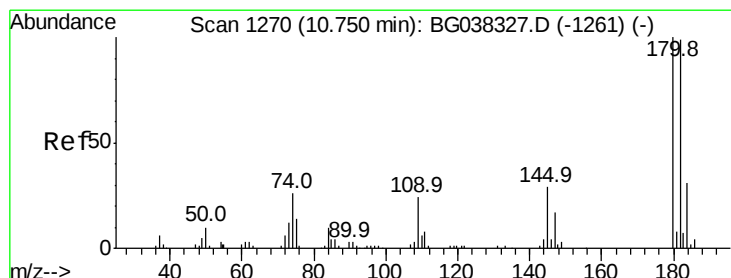
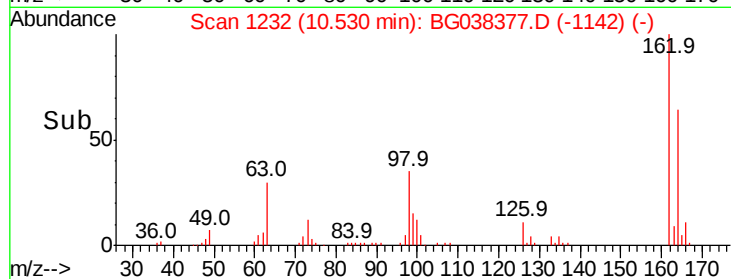
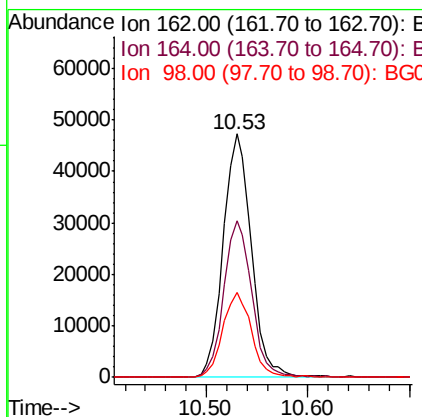
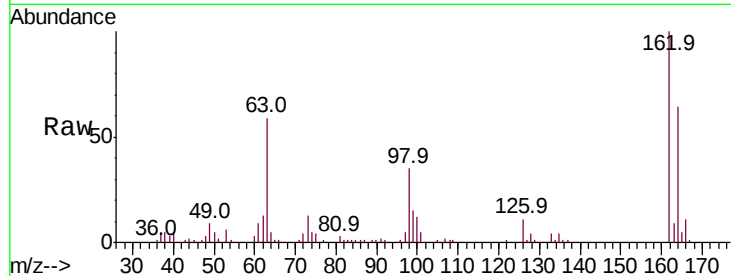
#29
 2,4-Dichlorophenol
 Concen: 46.788 ng
 RT: 10.53 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BG038377.D
 Acq: 6 Dec 2018 10:14

Instrument :
 BNA_G
 ClientSampleId :
 PB115166BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.2	43.2	83.2
98	34.9	16.0	56.0

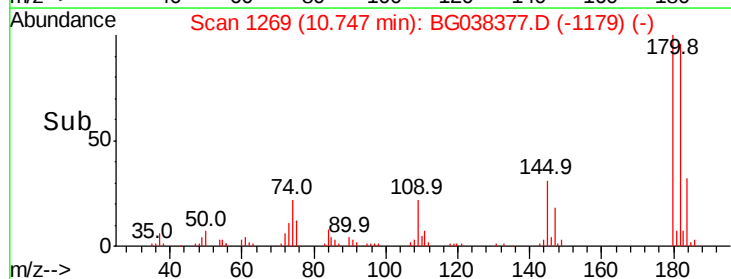
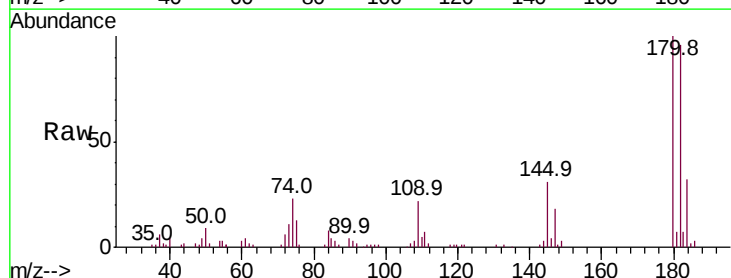
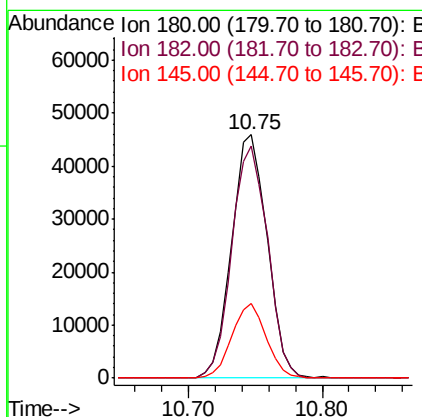
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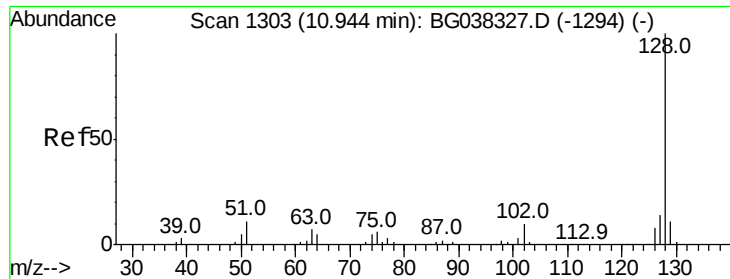
mohammad
 12/7/2018 12:20:47 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 37.331 ng
 RT: 10.75 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: BG038377.D
 Acq: 6 Dec 2018 10:14

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.6	77.7	116.5
145	30.9	23.3	34.9





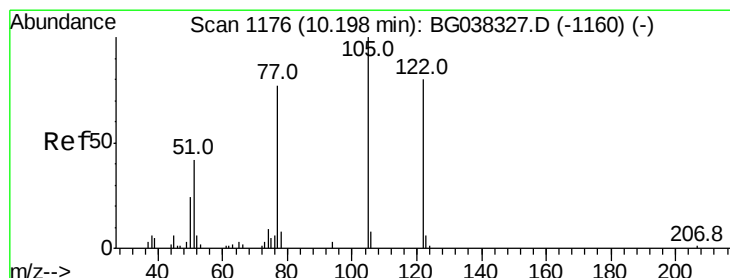
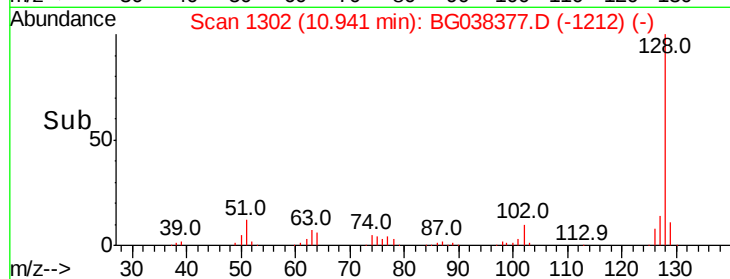
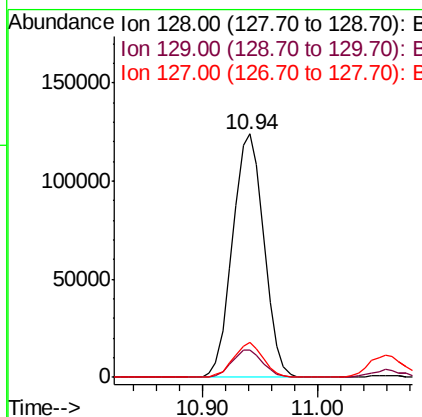
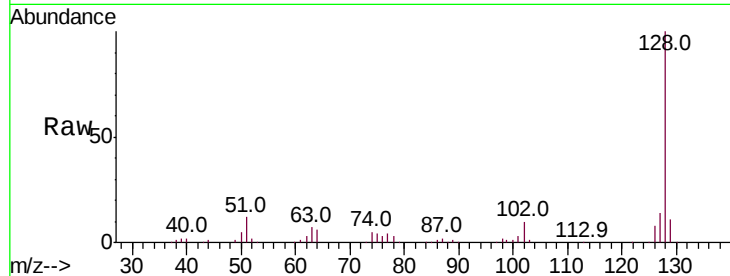
#31
Naphthalene
Concen: 38.934 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BG038377.D
Acq: 6 Dec 2018 10:14

Instrument :
BNA_G
ClientSampleId :
PB115166BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.6
127	14.1	11.1	16.7

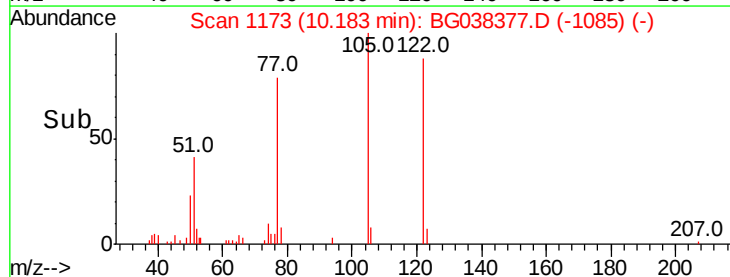
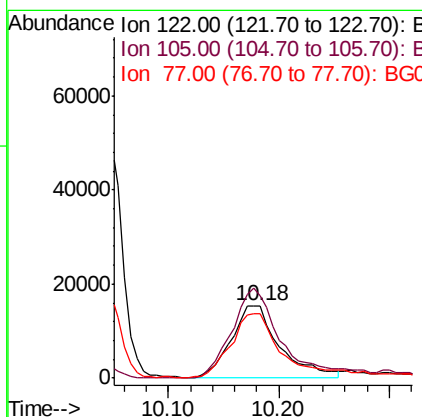
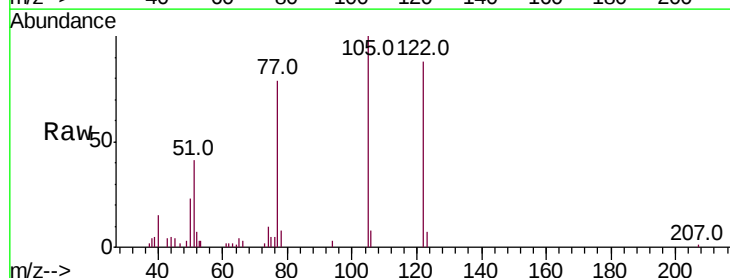
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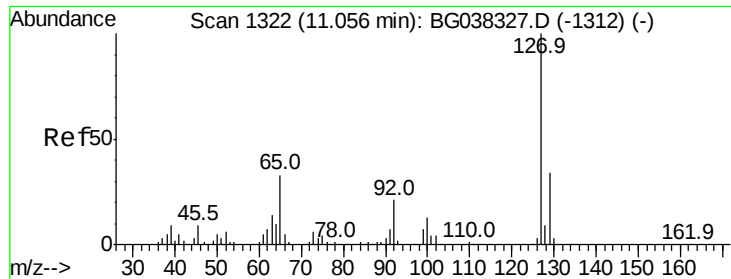
mohammad
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#32
Benzoic acid
Concen: 40.213 ng
RT: 10.18 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BG038377.D
Acq: 6 Dec 2018 10:14

Tgt Ion	Ratio	Lower	Upper
122	100		
105	113.5	106.7	146.7
77	89.3	72.2	112.2





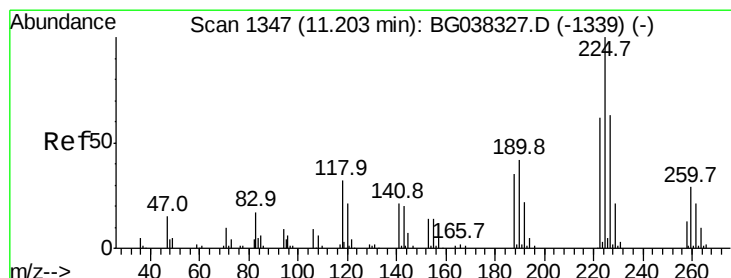
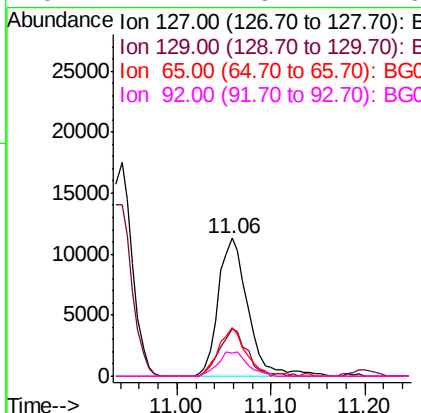
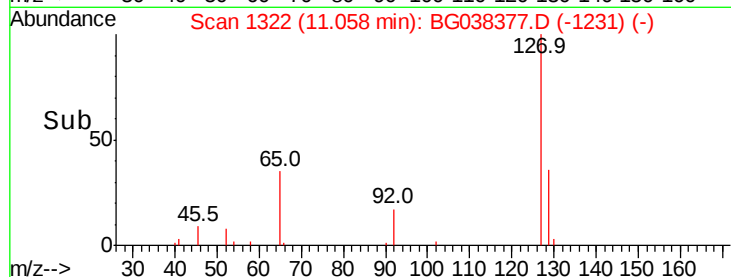
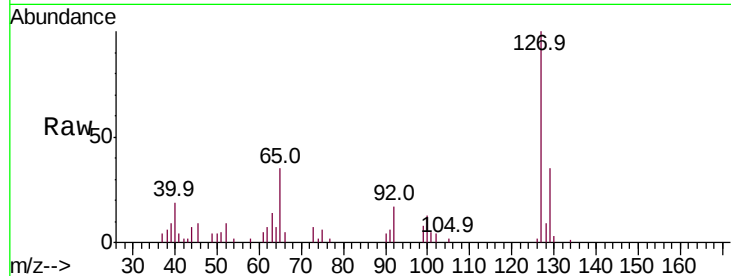
#33
4-Chloroaniline
Concen: 9.453 ng
RT: 11.06 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BG038377.D
Acq: 6 Dec 2018 10:14

Instrument :
BNA_G
ClientSampleId :
PB115166BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	34.5	27.1	40.7
65	35.2	26.6	39.8
92	17.2	16.4	24.6

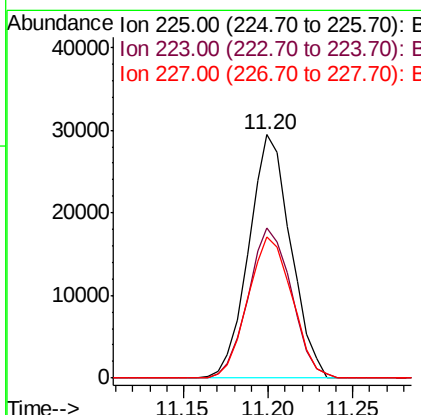
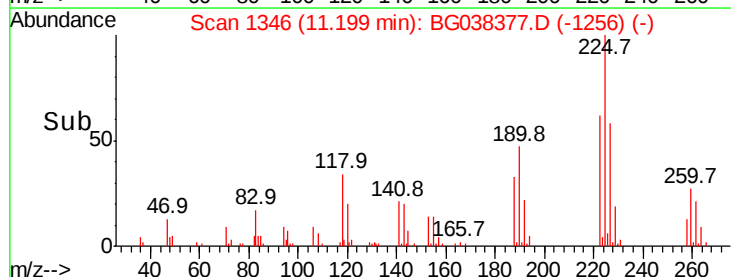
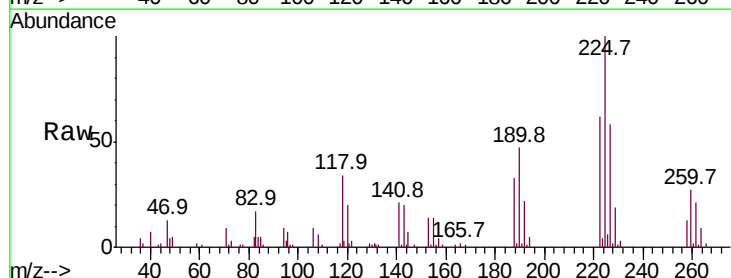
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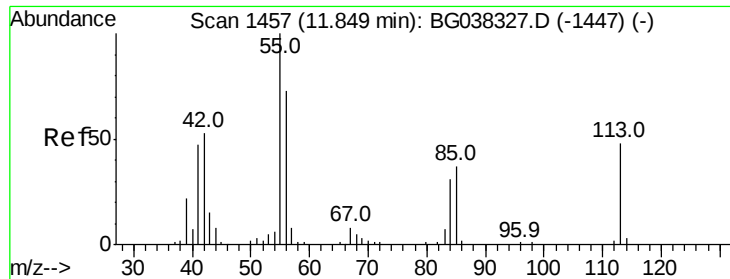
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#34
Hexachlorobutadiene
Concen: 35.568 ng
RT: 11.20 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BG038377.D
Acq: 6 Dec 2018 10:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.8	48.2	72.4
227	60.6	51.6	77.4





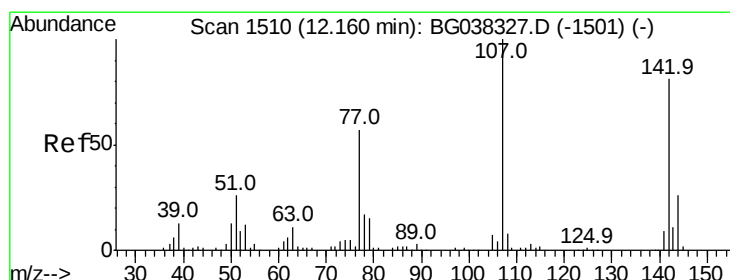
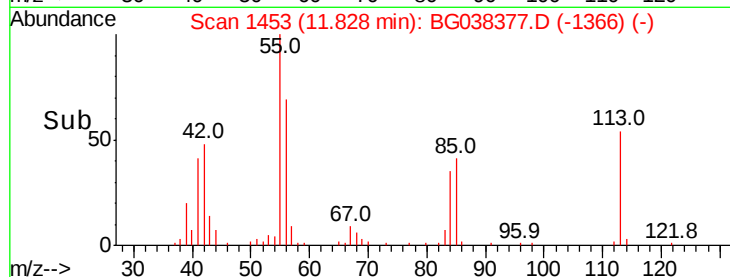
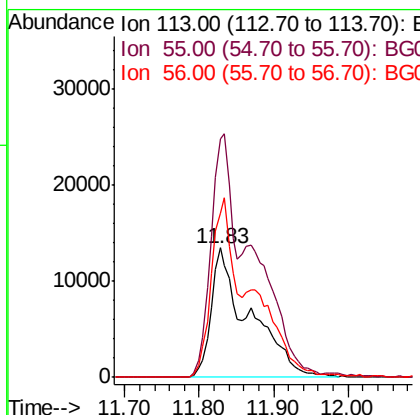
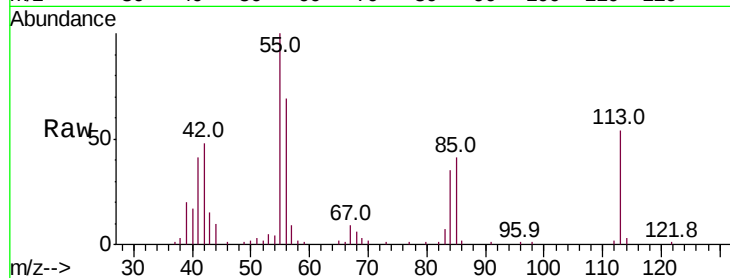
#35
Caprolactam
Concen: 59.866 ng/ml
RT: 11.83 min Scan# 1453
Delta R.T. -0.02 min
Lab File: BG038377.D
Acq: 6 Dec 2018 10:14

Instrument :
BNA_G
ClientSampleId :
PB115166BS

Tot Ion:113 Resp: 48101
Ion Ratio Lower Upper
113 100
55 184.7 176.6 216.6
56 126.8 128.3 168.3#

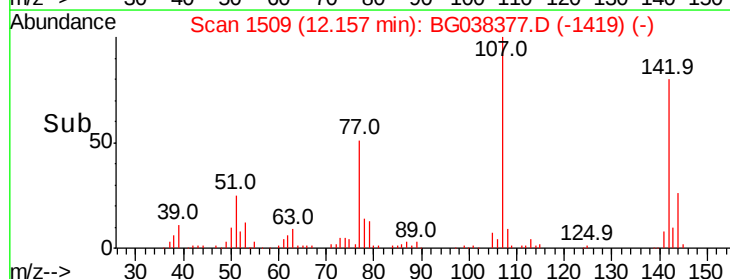
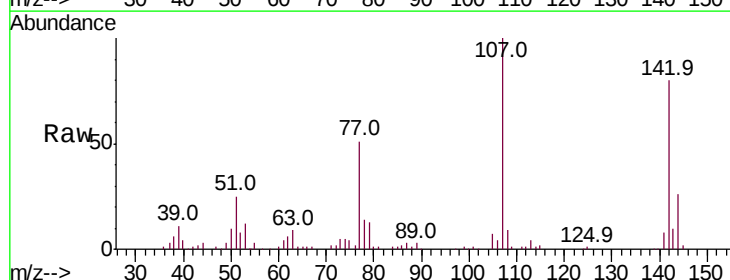
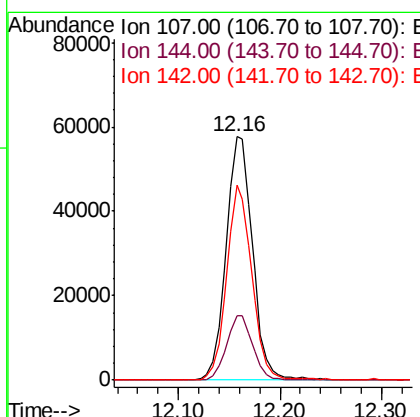
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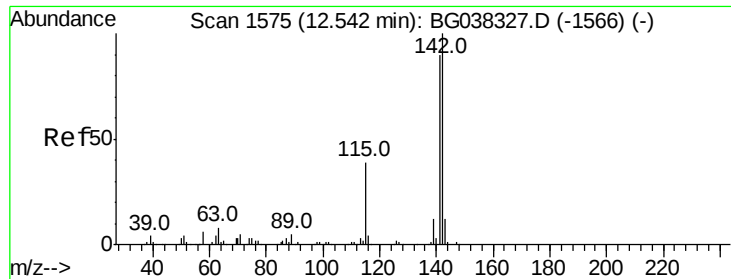
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 48.416 ng/ml
RT: 12.16 min Scan# 1509
Delta R.T. -0.00 min
Lab File: BG038377.D
Acq: 6 Dec 2018 10:14

Tgt Ion:107 Resp: 104519
Ion Ratio Lower Upper
107 100
144 26.2 20.7 31.1
142 79.9 64.4 96.6





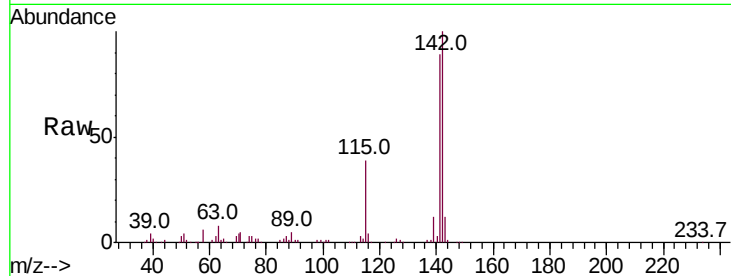
#37
2-Methylnaphthalene
Concen: 42.107 ng
RT: 12.54 min Scan# 1574
Delta R.T. -0.00 min
Lab File: BG038377.D
Acq: 6 Dec 2018 10:14

Instrument :
BNA_G
ClientSampleId :
PB115166BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	179017		
141	89.1	71.9	107.9	
115	38.8	27.8	41.8	

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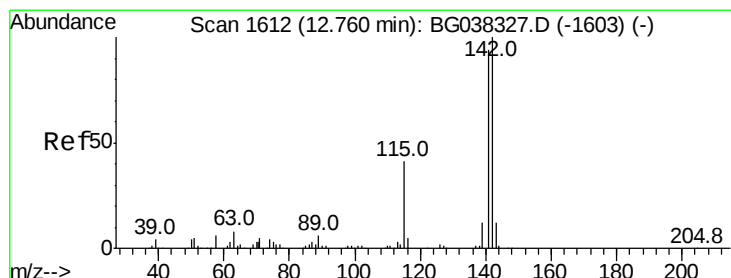
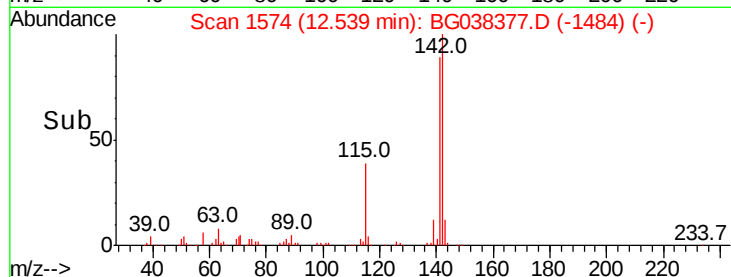
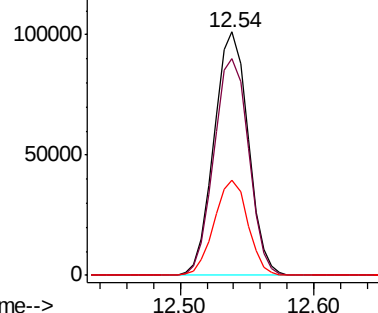


Abundance

Ion 142.00 (141.70 to 142.70): E

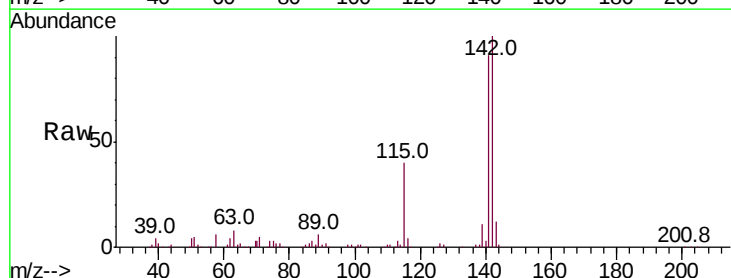
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 40.407 ng
RT: 12.76 min Scan# 1611
Delta R.T. -0.00 min
Lab File: BG038377.D
Acq: 6 Dec 2018 10:14

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	164536		
141	91.1	75.2	112.8	
116	4.3	3.3	4.9	

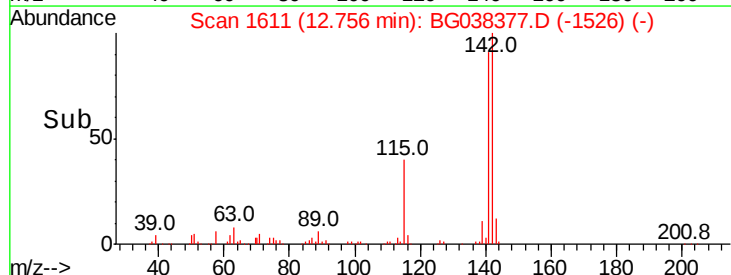
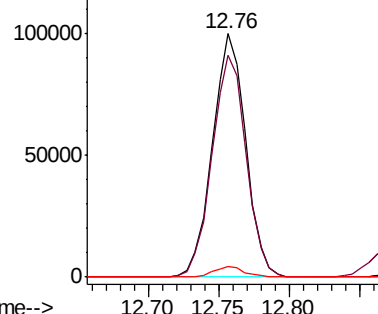


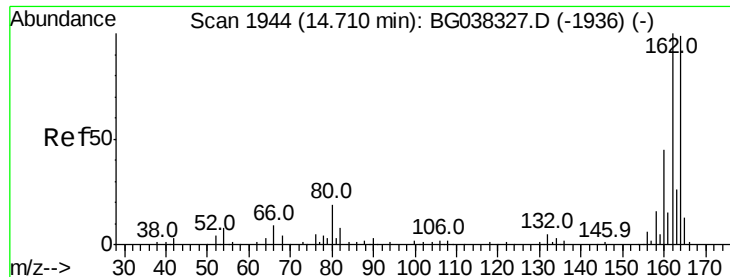
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





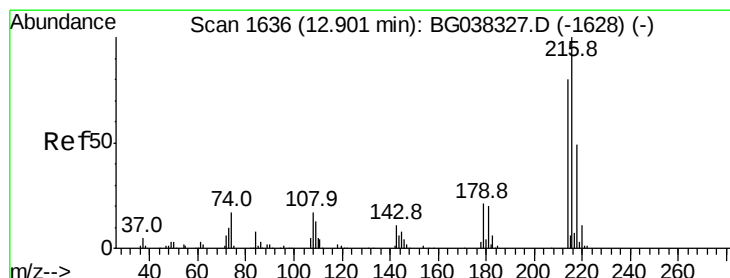
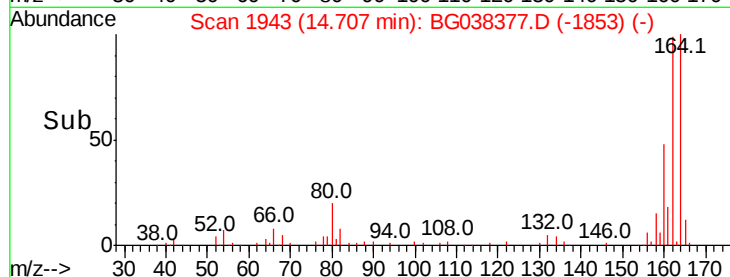
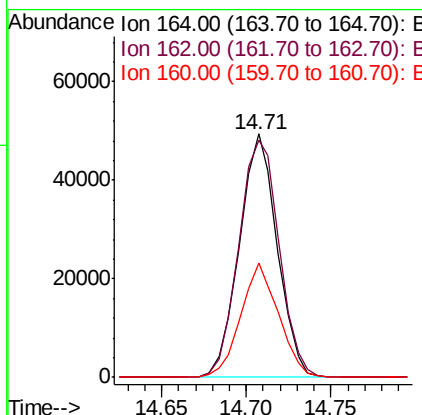
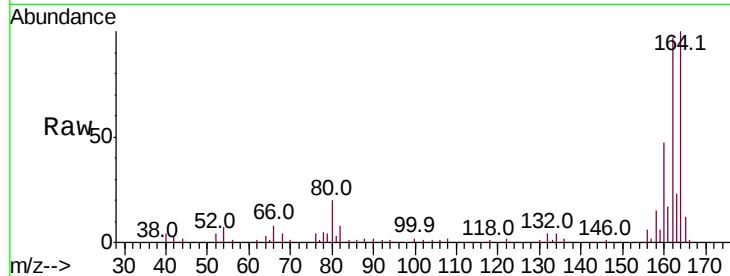
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.71 min Scan# 1943
Delta R.T. -0.00 min
Lab File: BG038377.D
Acq: 6 Dec 2018 10:14

Instrument :
BNA_G
ClientSampleId :
PB115166BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	97.4	81.3	121.9
160	46.9	36.3	54.5

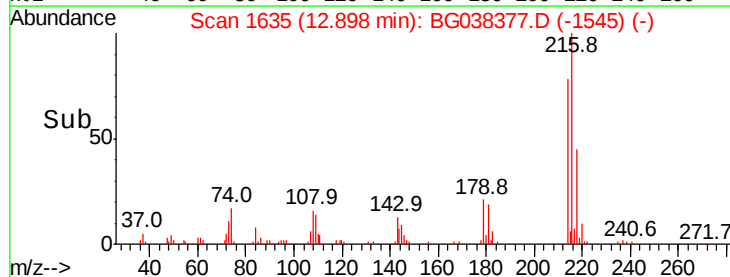
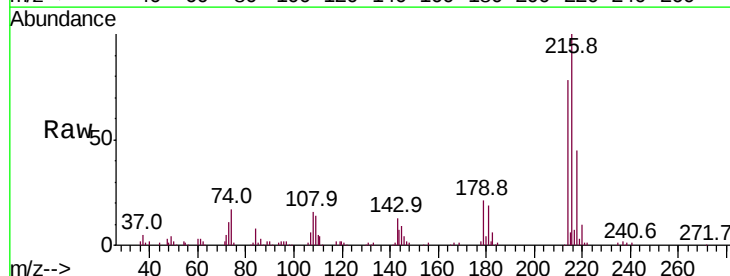
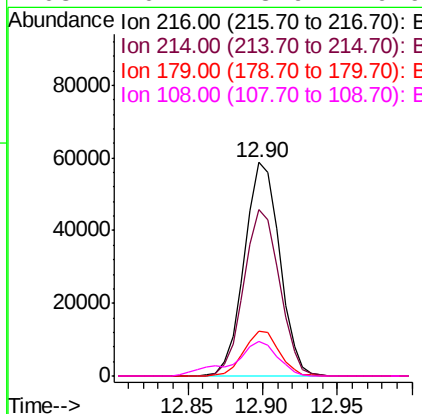
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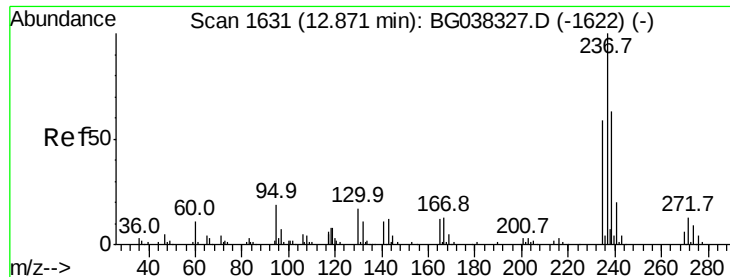
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.332 ng
RT: 12.90 min Scan# 1635
Delta R.T. -0.00 min
Lab File: BG038377.D
Acq: 6 Dec 2018 10:14

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.4	63.8	95.6
179	20.8	17.4	26.0
108	20.1	13.9	20.9





#41

Hexachlorocyclopentadiene

Concen: 90.327 ng

RT: 12.86 min Scan# 1629

Delta R.T. -0.01 min

Lab File: BG038377.D

Acq: 6 Dec 2018 10:14

Instrument :

BNA_G

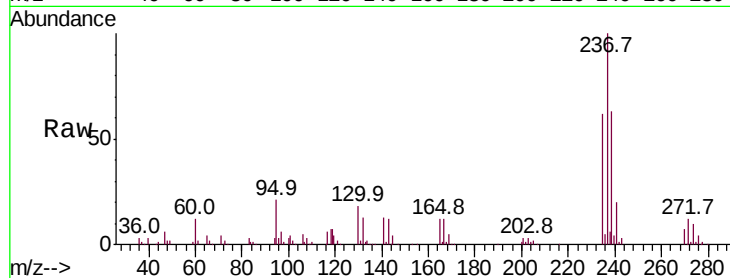
ClientSampleId :

PB115166BS

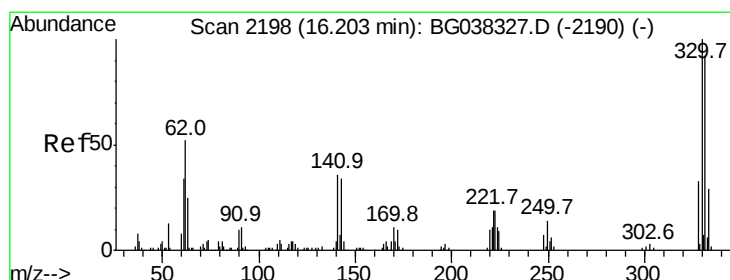
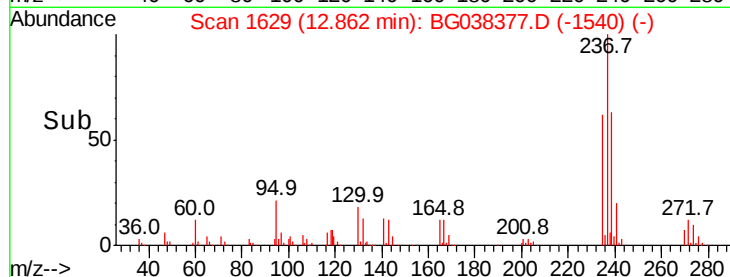
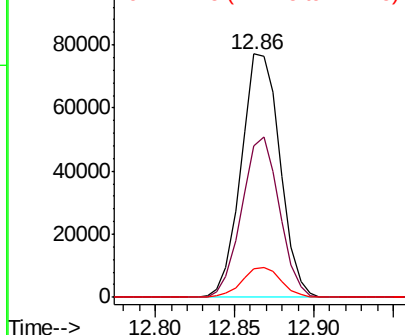
Tot Ion:	237	Resp:	131330
Ion Ratio	Lower	Upper	
237	100		
235	62.0	42.5	82.5
272	11.8	0.0	31.6

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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: 121.207 ng

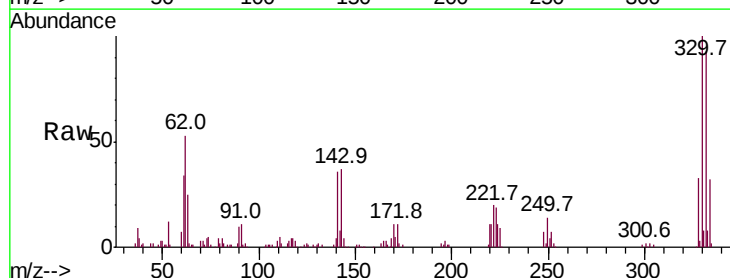
RT: 16.20 min Scan# 2197

Delta R.T. -0.00 min

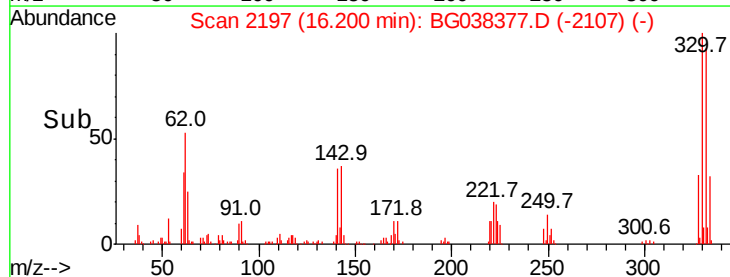
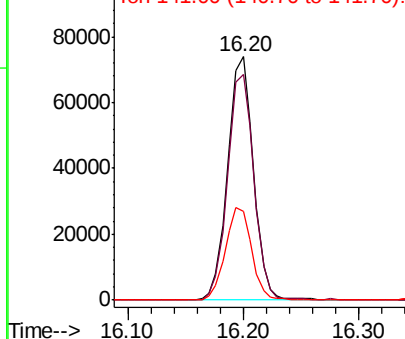
Lab File: BG038377.D

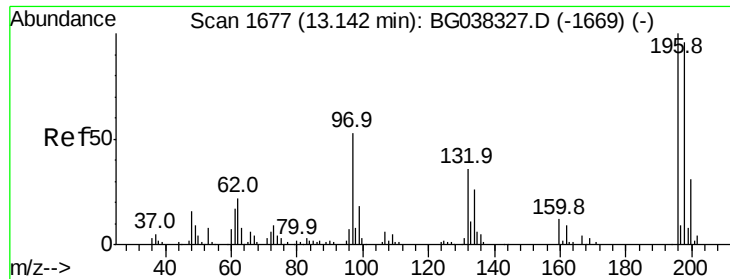
Acq: 6 Dec 2018 10:14

Tgt Ion:	330	Resp:	114408
Ion Ratio	Lower	Upper	
330	100		
332	94.5	78.4	117.6
141	38.5	32.2	48.2



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





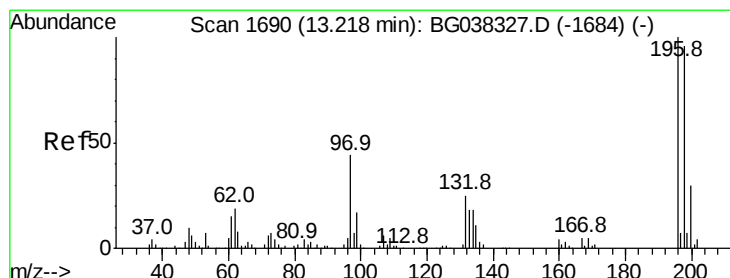
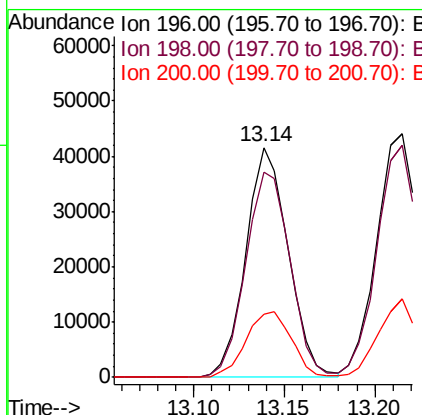
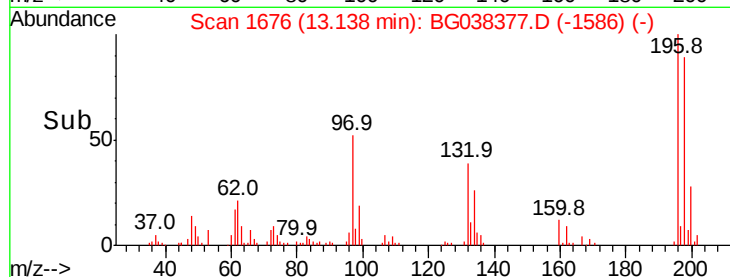
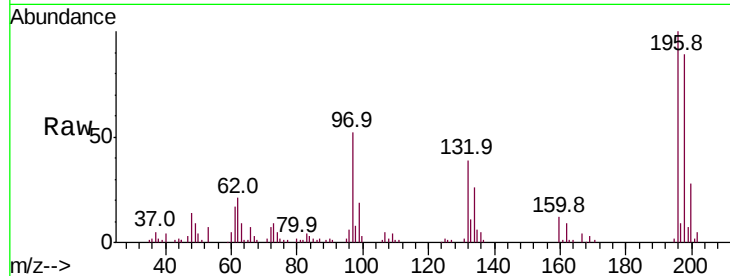
#43
 2,4,6-Trichlorophenol
 Concen: 39.448 ng
 RT: 13.14 min Scan# 1676
 Delta R.T. -0.00 min
 Lab File: BG038377.D
 Acq: 6 Dec 2018 10:14

Instrument :
 BNA_G
 ClientSampleId :
 PB115166BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	67610		
198	89.2		76.4	114.6
200	27.7		24.9	37.3

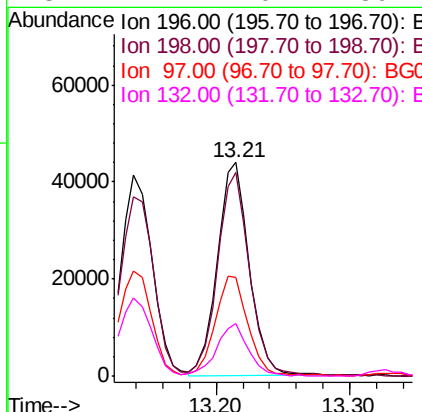
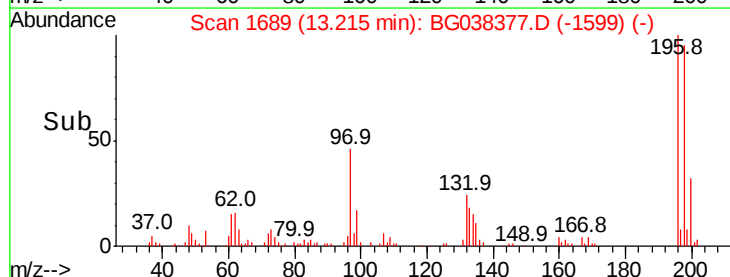
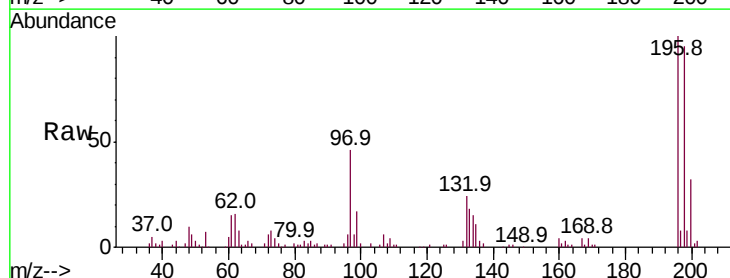
Manual Integrations
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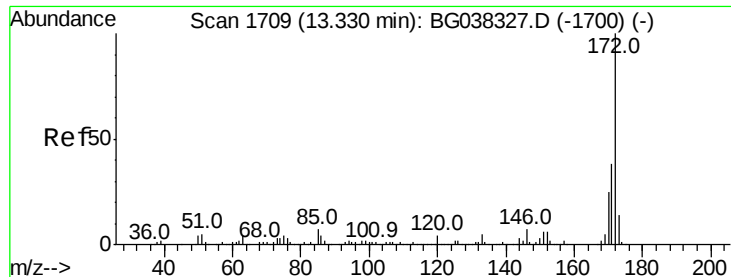
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#44
 2,4,5-Trichlorophenol
 Concen: 40.562 ng
 RT: 13.21 min Scan# 1689
 Delta R.T. -0.00 min
 Lab File: BG038377.D
 Acq: 6 Dec 2018 10:14

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	73647		
198	95.4		74.2	111.2
97	46.0		34.1	51.1
132	24.4		20.2	30.4





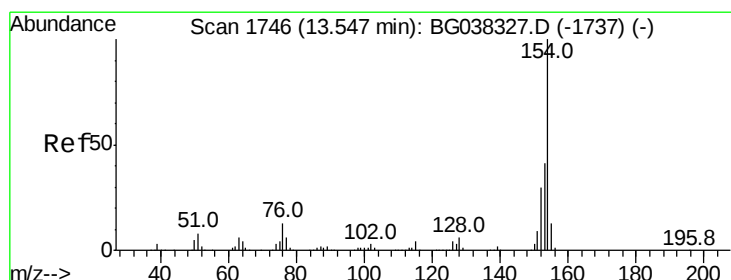
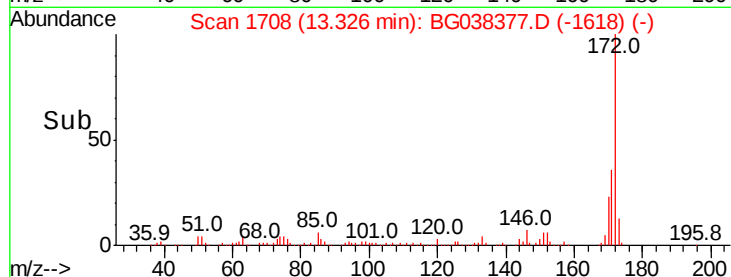
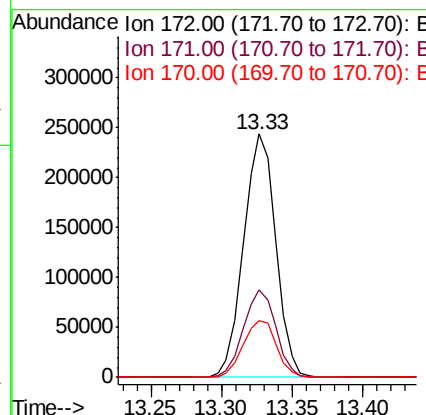
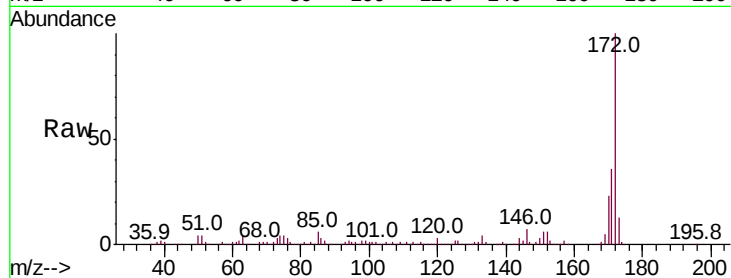
#45
2-Fluorobiphenyl
Concen: 71.879 ng
RT: 13.33 min Scan# 1708
Delta R.T. -0.00 min
Lab File: BG038377.D
Acq: 6 Dec 2018 10:14

Instrument :
BNA_G
ClientSampleId :
PB115166BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	31.0	46.4
170	23.3	20.2	30.2

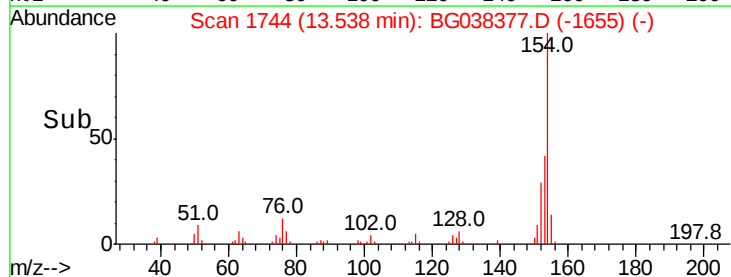
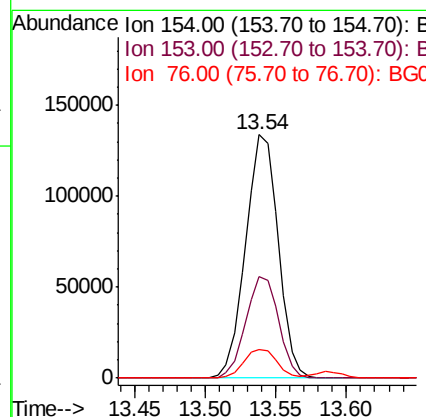
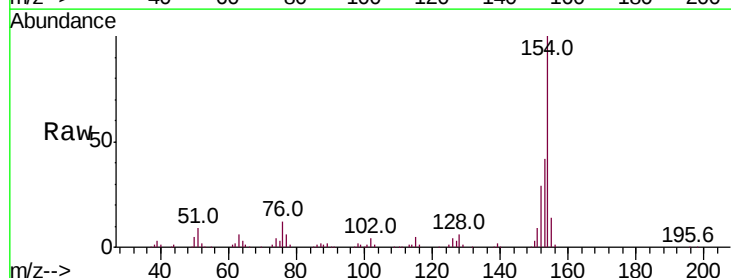
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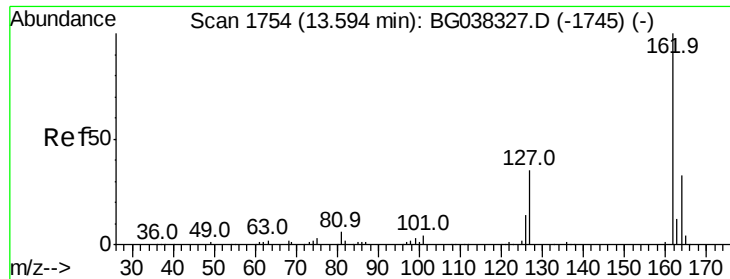
mohammad
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#46
1,1'-Biphenyl
Concen: 33.341 ng
RT: 13.54 min Scan# 1744
Delta R.T. -0.01 min
Lab File: BG038377.D
Acq: 6 Dec 2018 10:14

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.7	22.1	62.1
76	11.8	0.0	33.2





#47

2-Chloronaphthalene

Concen: 35.702 ng

RT: 13.59 min Scan# 1753

Delta R.T. -0.00 min

Lab File: BG038377.D

Acq: 6 Dec 2018 10:14

Instrument :

BNA_G

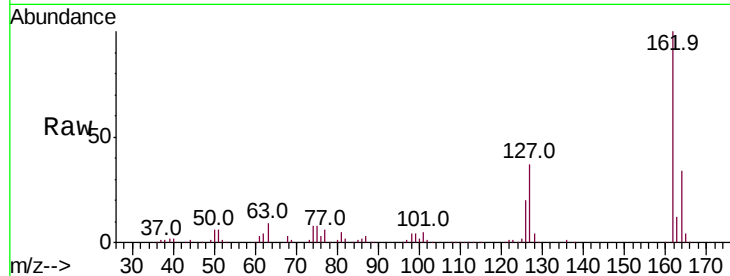
ClientSampleId :

PB115166BS

Tot Ion:	162	Resp:	175096
Ion Ratio	Lower	Upper	
162	100		
127	37.5	30.5	45.7
164	33.8	26.4	39.6

Manual Integrations
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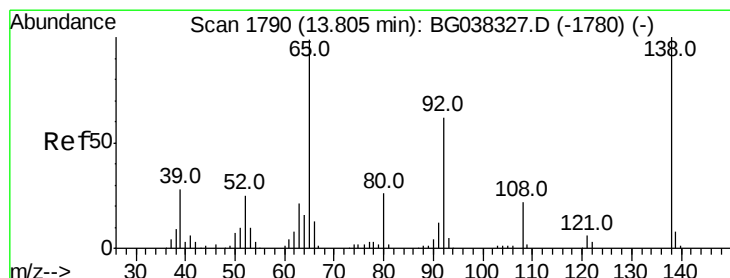
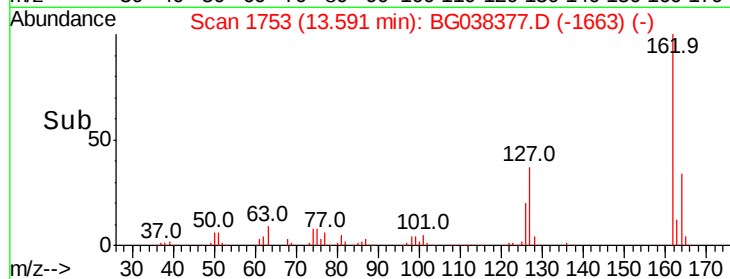
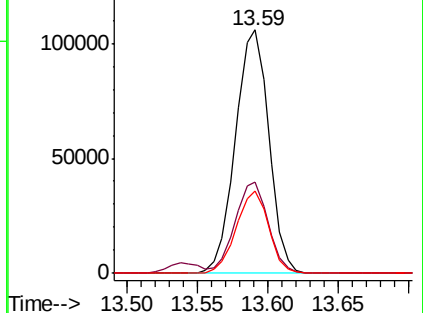
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Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 37.335 ng

RT: 13.80 min Scan# 1789

Delta R.T. -0.00 min

Lab File: BG038377.D

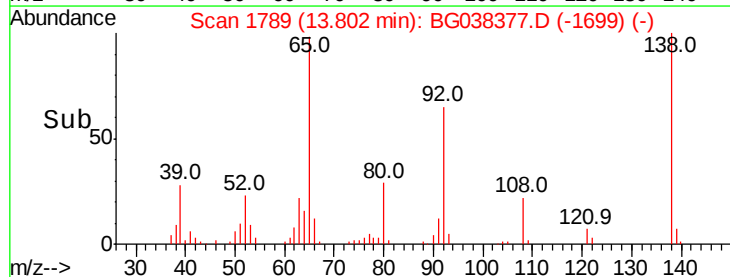
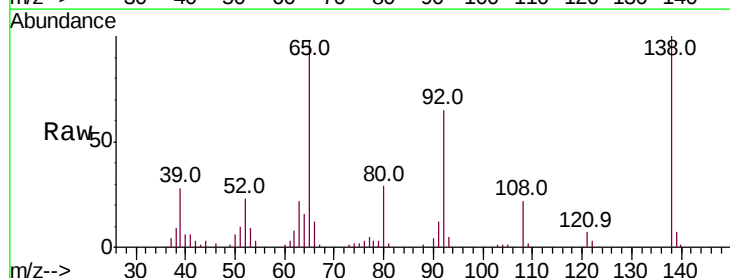
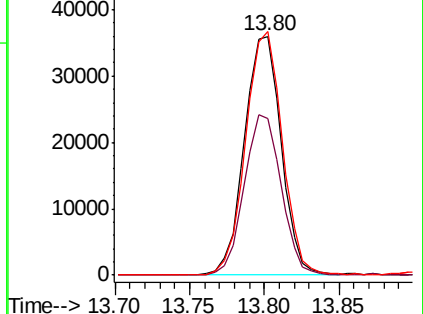
Acq: 6 Dec 2018 10:14

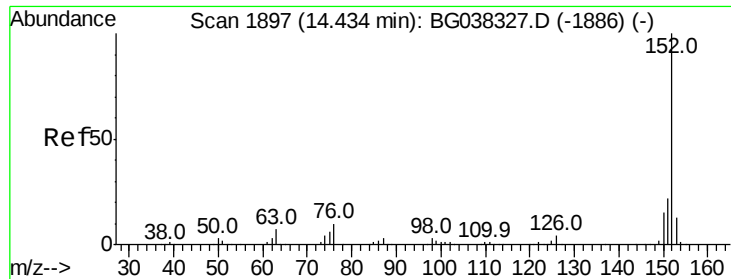
Tgt Ion:	65	Resp:	61431
Ion Ratio	Lower	Upper	
65	100		
92	65.9	53.2	79.8
138	102.1	79.3	118.9

Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.999 ng

RT: 14.43 min Scan# 1896

Delta R.T. -0.00 min

Lab File: BG038377.D

Acq: 6 Dec 2018 10:14

Instrument :

BNA_G

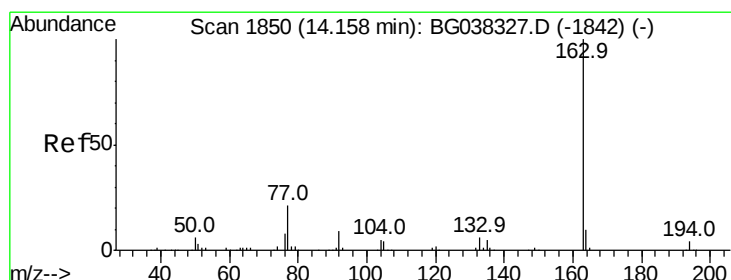
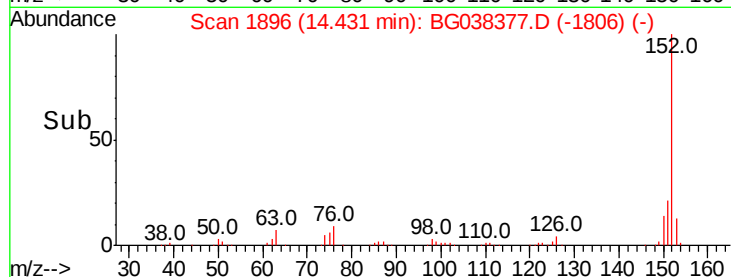
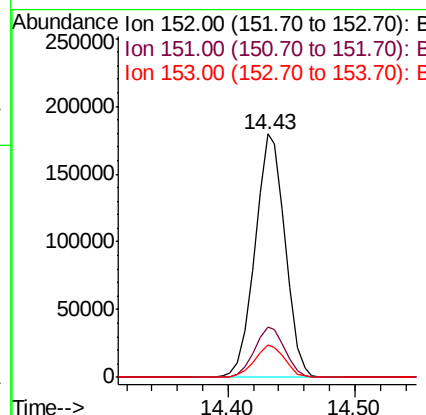
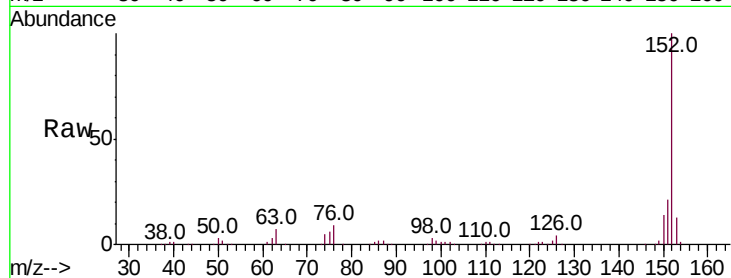
ClientSampleId :

PB115166BS

Tot Ion:	152	Resp:	295446
Ion Ratio	Lower	Upper	
152	100		
151	20.7	17.1	25.7
153	13.3	11.1	16.7

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#50

Dimethylphthalate

Concen: 38.281 ng

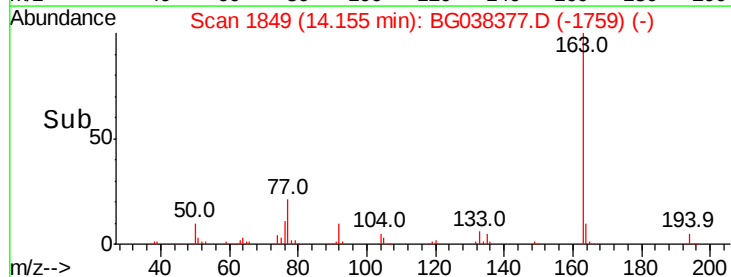
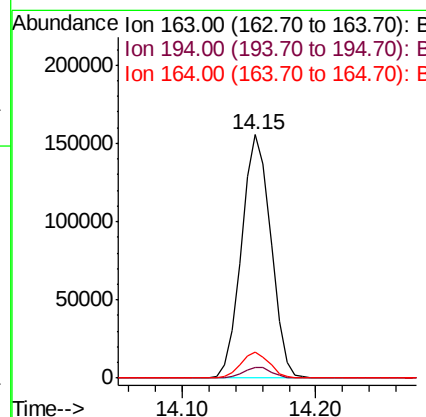
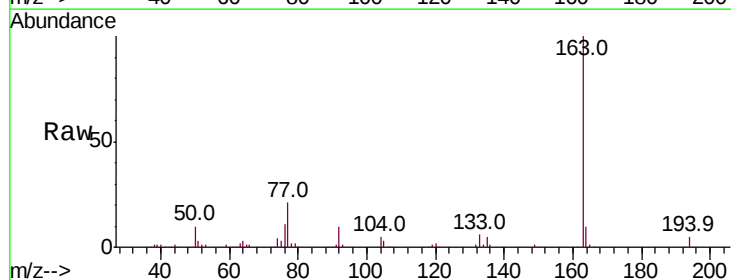
RT: 14.15 min Scan# 1849

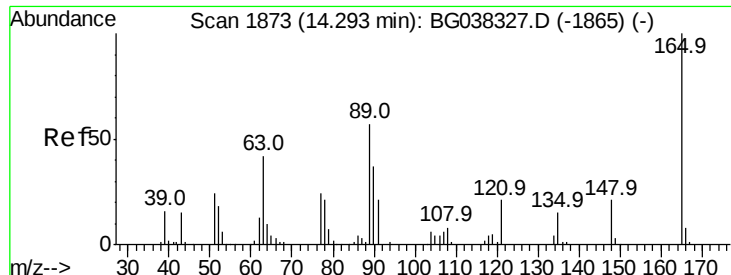
Delta R.T. -0.00 min

Lab File: BG038377.D

Acq: 6 Dec 2018 10:14

Tgt Ion:	163	Resp:	236083
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.5	5.3
164	10.5	8.5	12.7





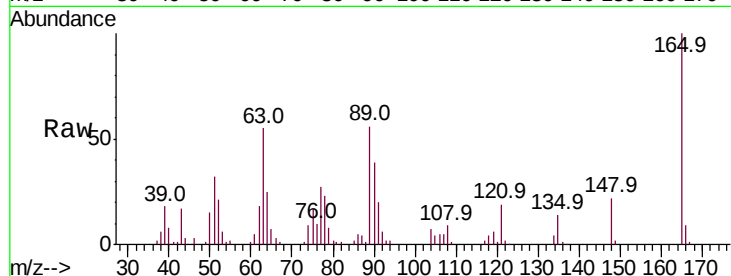
#51
 2,6-Dinitrotoluene
 Concen: 38.490 ng
 RT: 14.29 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: BG038377.D
 Acq: 6 Dec 2018 10:14

Instrument :
 BNA_G
 ClientSampleId :
 PB115166BS

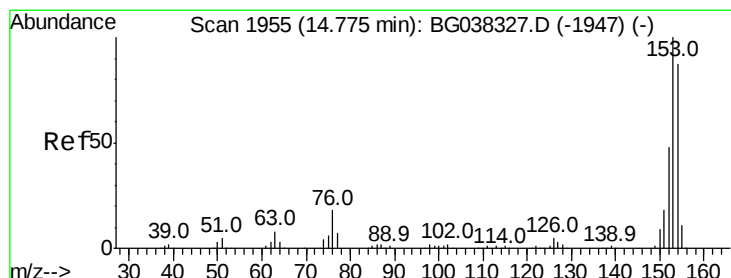
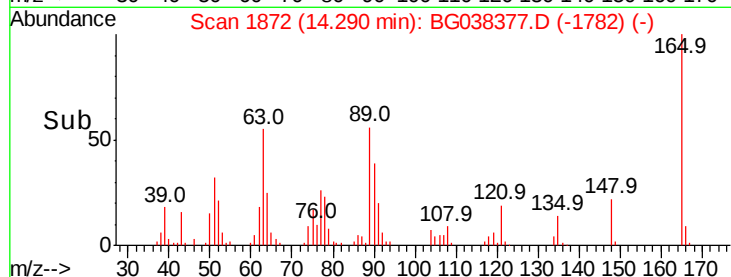
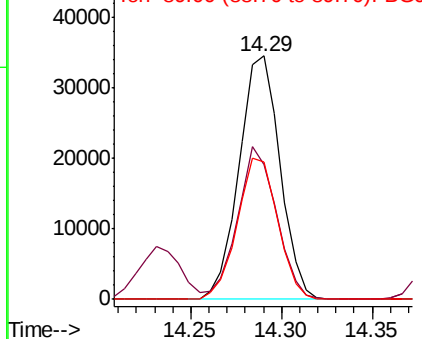
Tot Ion	Ratio	Lower	Upper
165	100		
63	55.2	43.4	65.2
89	56.2	45.8	68.6

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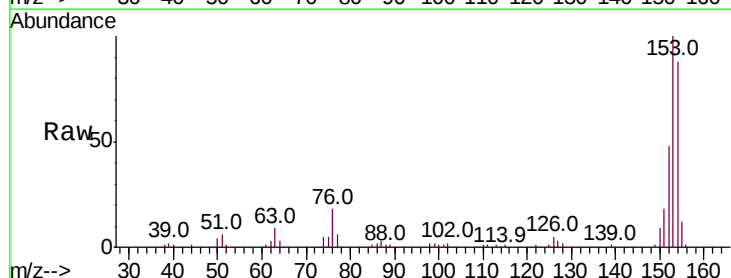


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

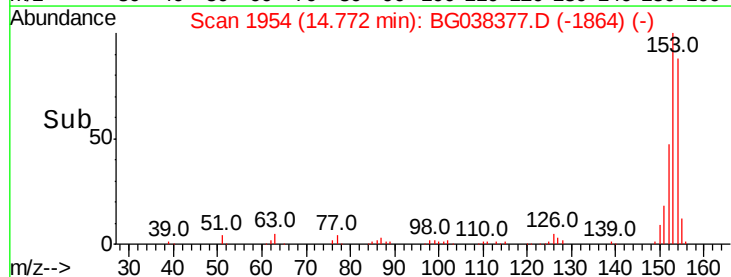
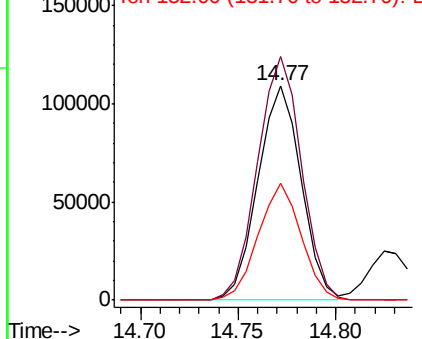


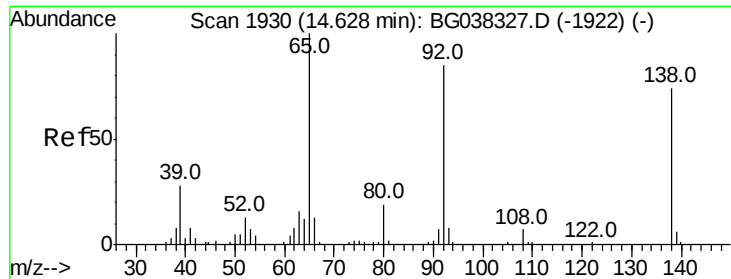
#52
 Acenaphthene
 Concen: 37.229 ng
 RT: 14.77 min Scan# 1954
 Delta R.T. -0.00 min
 Lab File: BG038377.D
 Acq: 6 Dec 2018 10:14

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.4	93.4	140.0
152	54.5	44.7	67.1



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





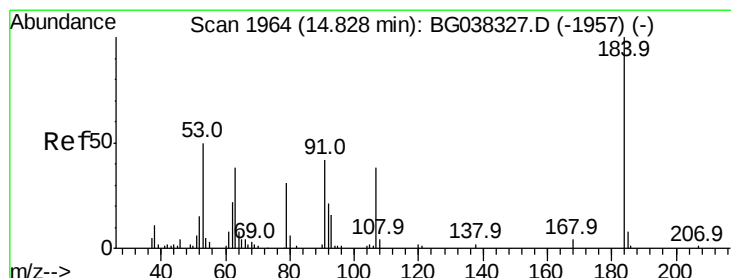
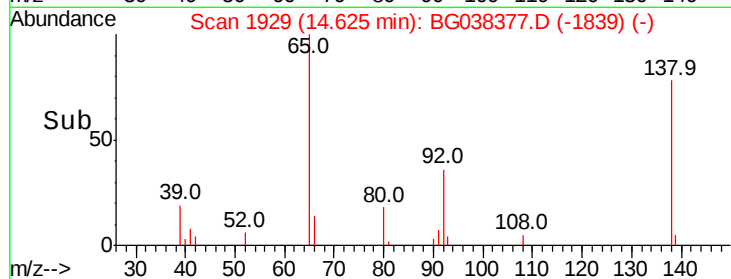
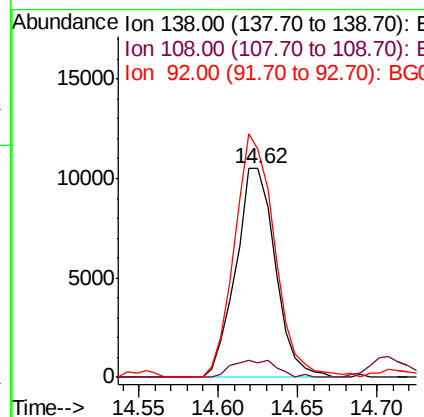
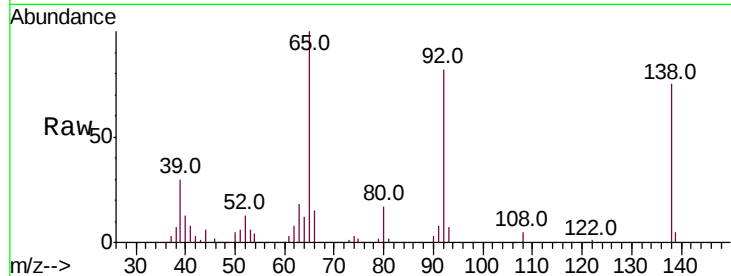
#53
3-Nitroaniline
Concen: 11.982 ng
RT: 14.62 min Scan# 1929
Delta R.T. -0.00 min
Lab File: BG038377.D
Acq: 6 Dec 2018 10:14

Instrument :
BNA_G
ClientSampleId :
PB115166BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	6.9	11.0	16.6#
92	109.3	95.2	142.8

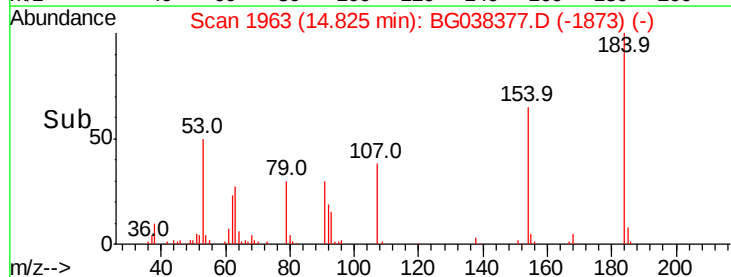
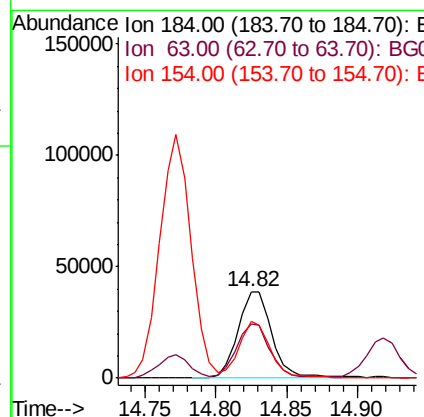
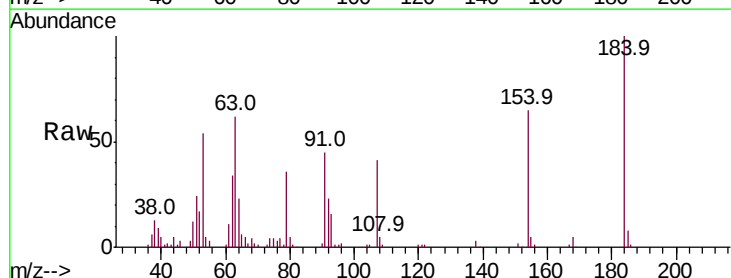
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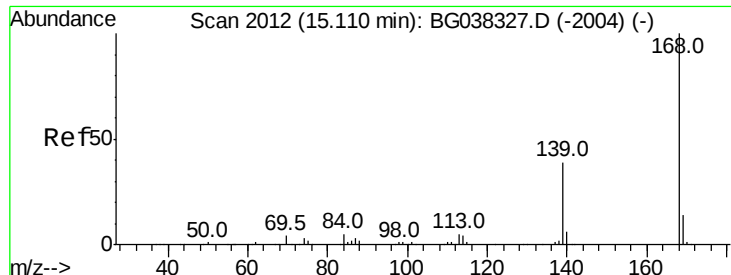
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#54
2,4-Dinitrophenol
Concen: 83.929 ng
RT: 14.82 min Scan# 1963
Delta R.T. -0.00 min
Lab File: BG038377.D
Acq: 6 Dec 2018 10:14

Tgt Ion	Ratio	Lower	Upper
184	100		
63	62.1	42.6	63.8
154	65.1	41.8	62.6#





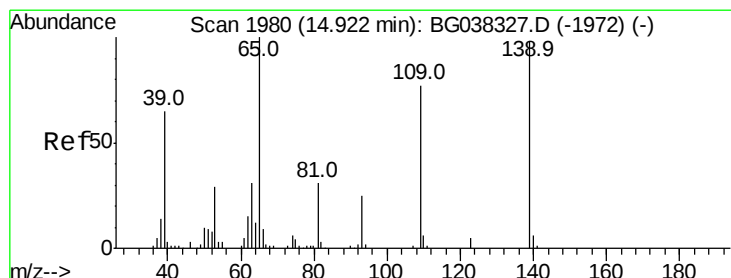
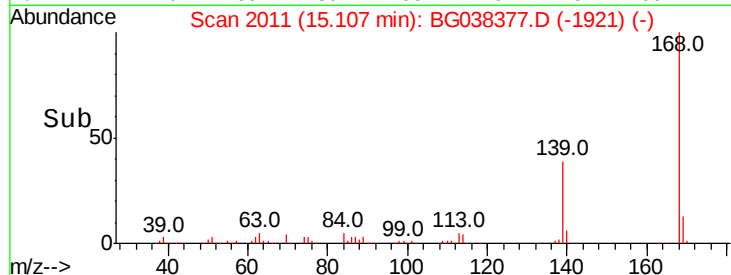
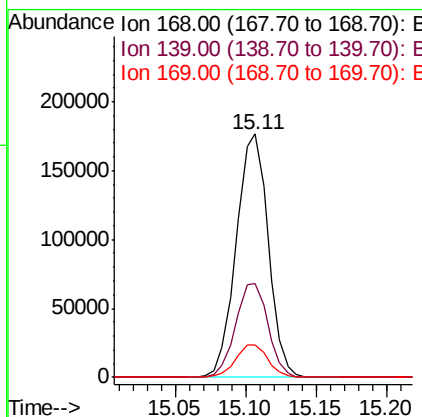
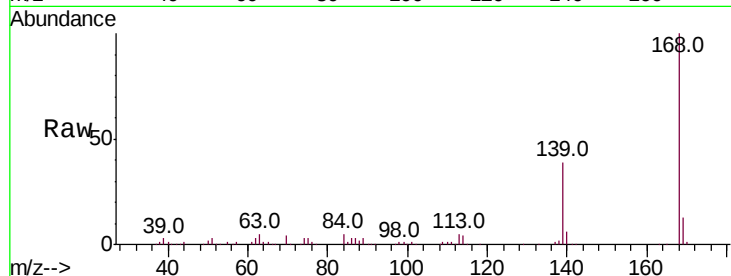
#55
Dibenzenofuran
Concen: 37.491 ng
RT: 15.11 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BG038377.D
Acq: 6 Dec 2018 10:14

Instrument :
BNA_G
ClientSampleId :
PB115166BS

Tot Ion	Ratio	Resp	Lower	Upper
168	100	279096		
139	38.7		29.4	44.0
169	13.2		11.0	16.6

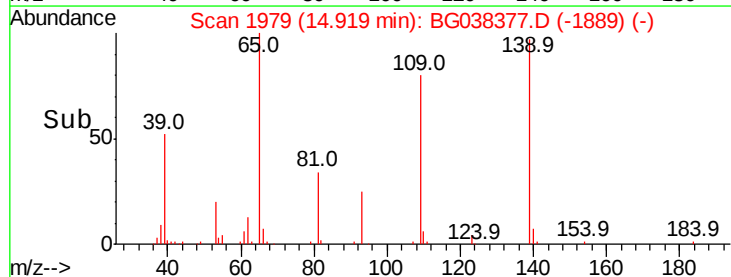
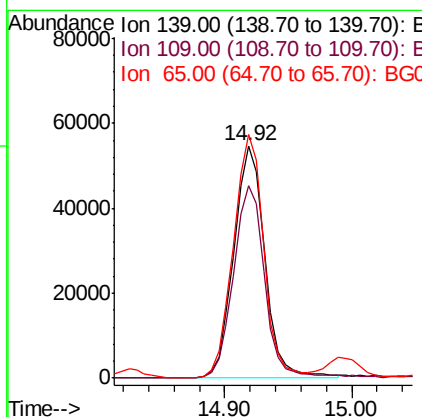
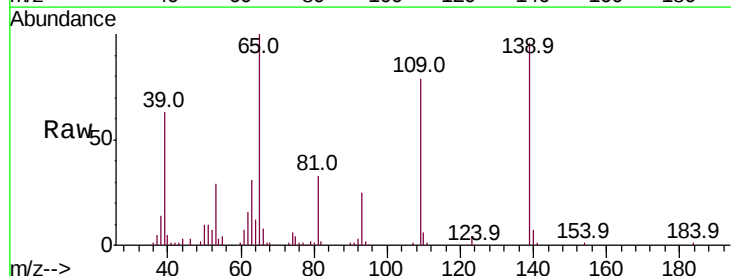
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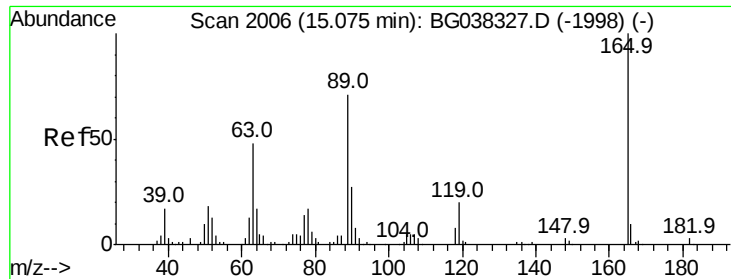
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#56
4-Nitrophenol
Concen: 77.189 ng
RT: 14.92 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BG038377.D
Acq: 6 Dec 2018 10:14

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	92513		
109	82.5		49.5	89.5
65	104.7		76.8	116.8





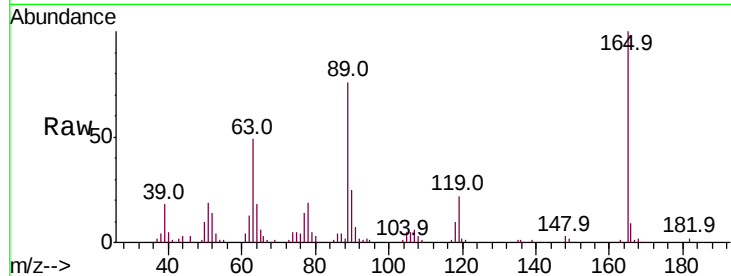
#57
2,4-Dinitrotoluene
Concen: 40.604 ng
RT: 15.07 min Scan# 2005
Delta R.T. -0.00 min
Lab File: BG038377.D
Acq: 6 Dec 2018 10:14

Instrument :
BNA_G
ClientSampleId :
PB115166BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	48.5	33.4	50.0	
89	75.6	57.2	85.8	
182	2.4	2.6	4.0	

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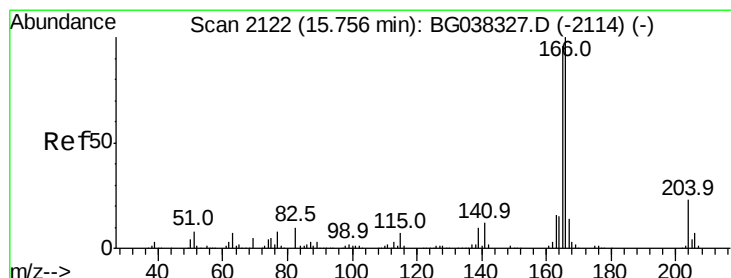
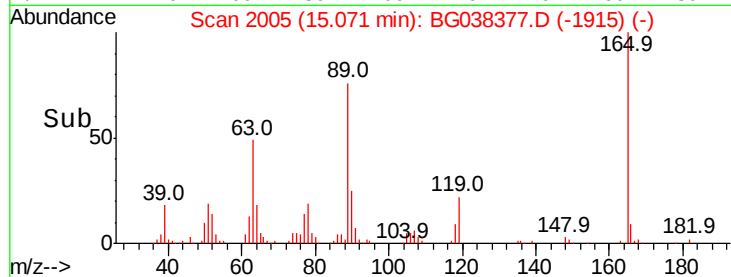
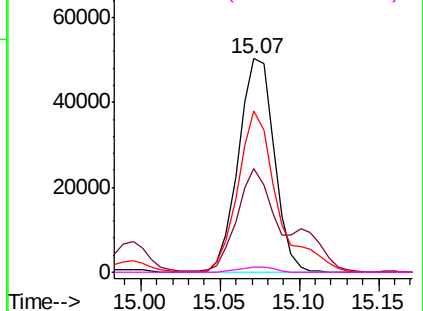
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

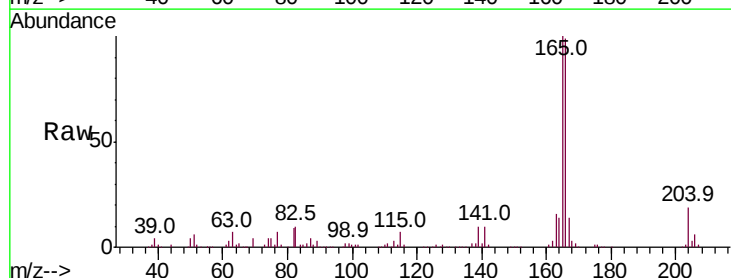
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 41.048 ng
RT: 15.75 min Scan# 2121
Delta R.T. -0.00 min
Lab File: BG038377.D
Acq: 6 Dec 2018 10:14

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	100.7	79.0	118.6	
167	14.2	11.3	16.9	

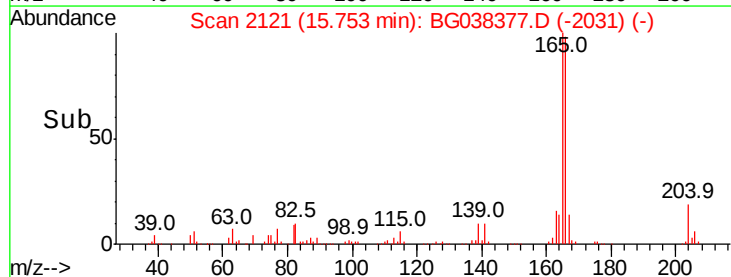
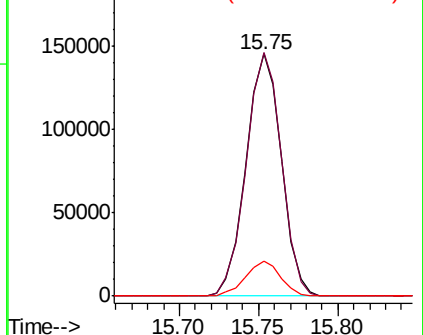


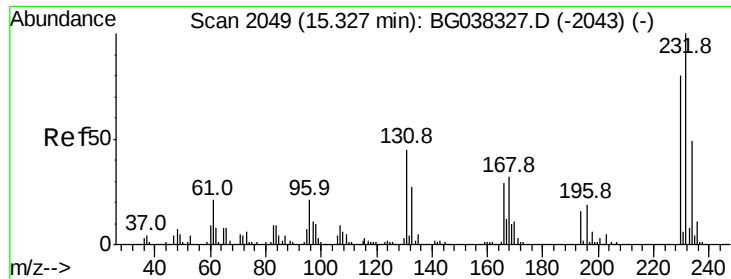
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





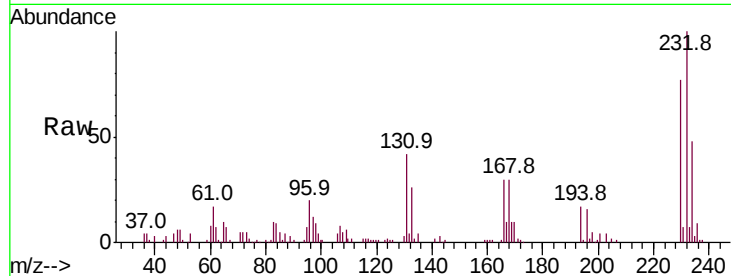
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.583 ng
 RT: 15.32 min Scan# 2048
 Delta R.T. -0.00 min
 Lab File: BG038377.D
 Acq: 6 Dec 2018 10:14

Instrument :
 BNA_G
 ClientSampleId :
 PB115166BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.7	33.7	50.5
130	2.6	2.1	3.1
166	29.8	24.6	36.8

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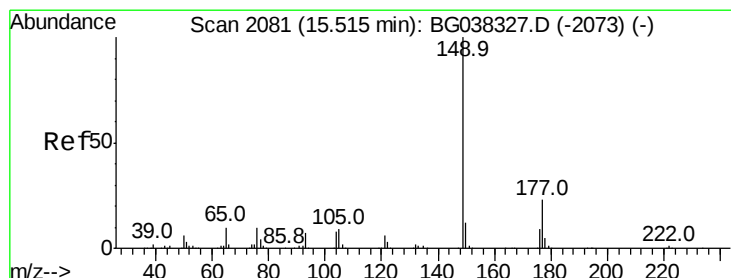
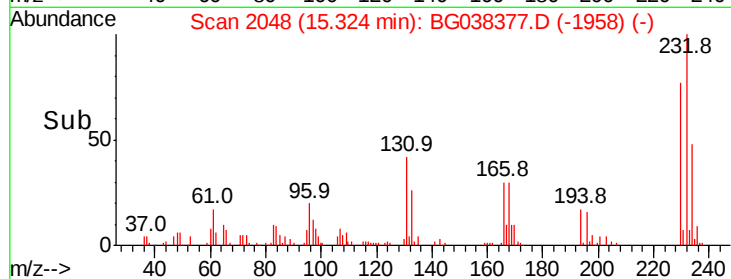
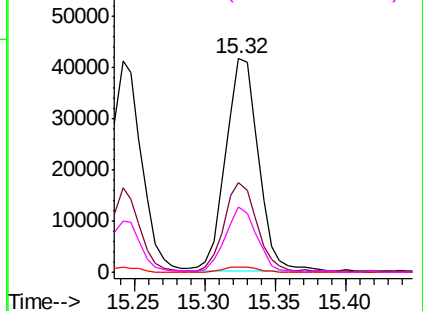
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 37.195 ng
 RT: 15.51 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: BG038377.D
 Acq: 6 Dec 2018 10:14

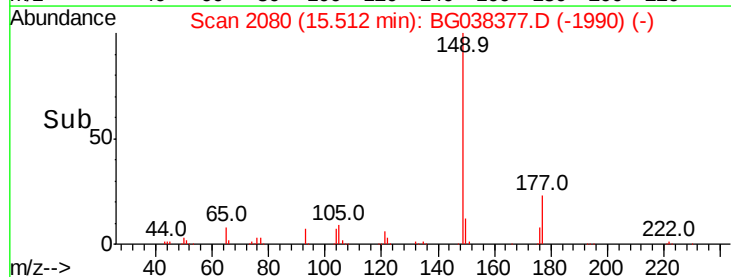
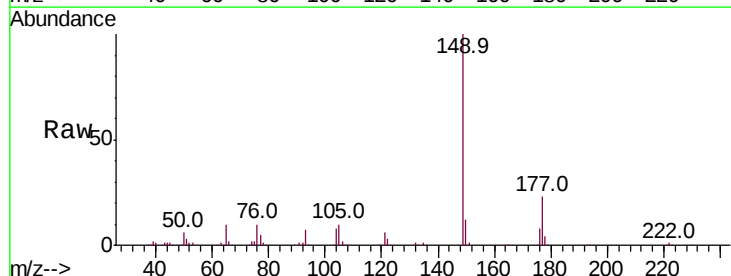
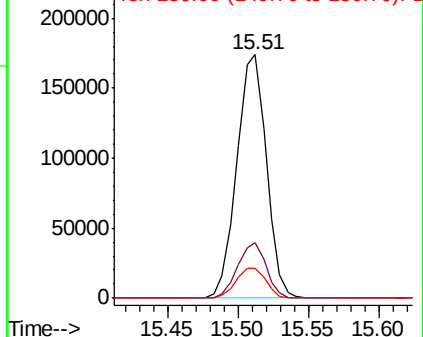
Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.0	18.3	27.5
150	12.3	10.0	15.0

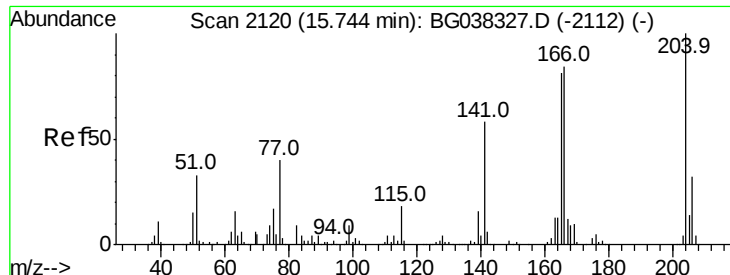
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





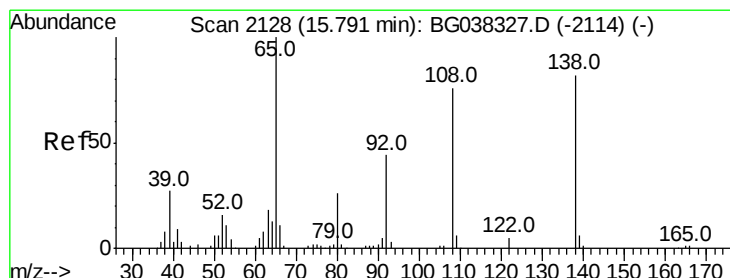
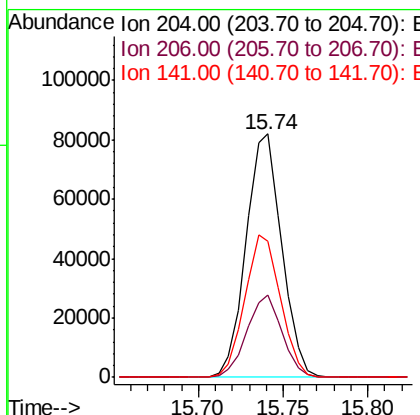
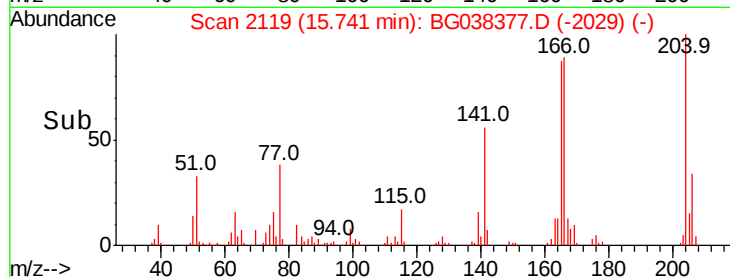
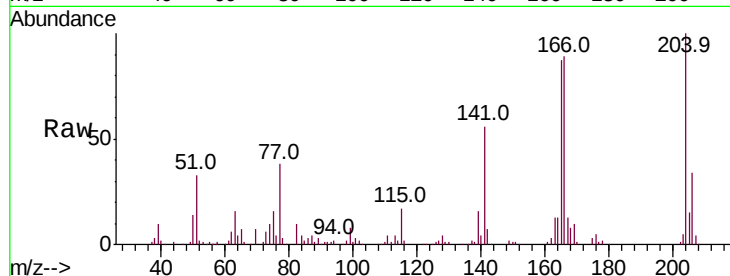
#61
4-Chlorophenyl-phenylether
Concen: 36.593 ng
RT: 15.74 min Scan# 2119
Delta R.T. -0.00 min
Lab File: BG038377.D
Acq: 6 Dec 2018 10:14

Instrument :
BNA_G
ClientSampled :
PB115166BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.6	26.6	39.8
141	55.7	45.4	68.2

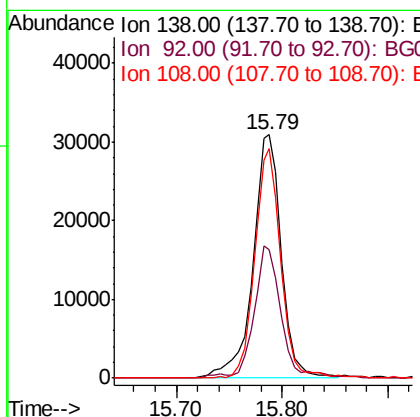
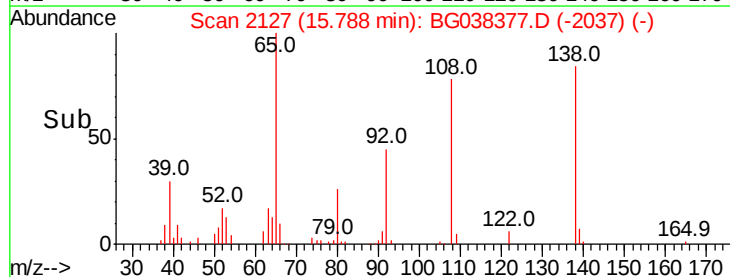
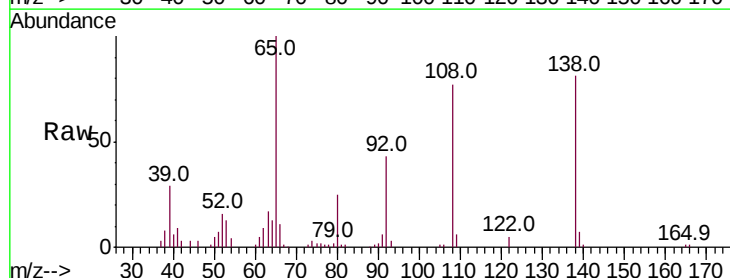
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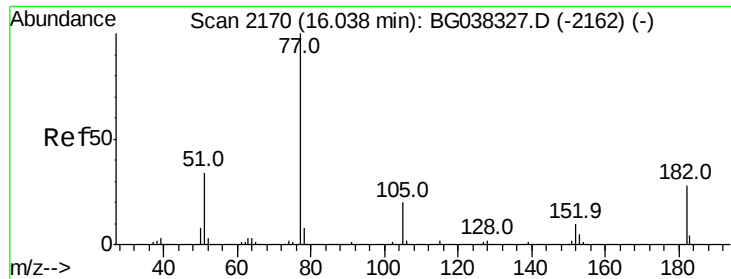
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#62
4-Nitroaniline
Concen: 38.672 ng
RT: 15.79 min Scan# 2127
Delta R.T. -0.00 min
Lab File: BG038377.D
Acq: 6 Dec 2018 10:14

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.8	36.4	76.4
108	94.1	60.1	100.1





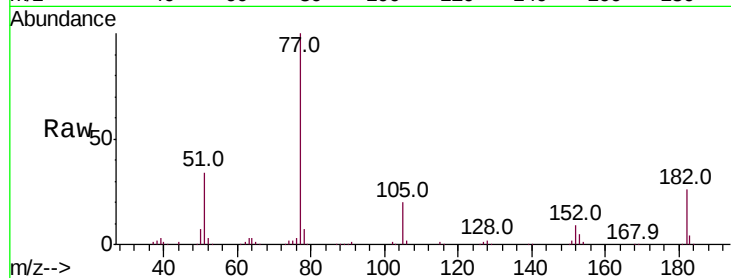
#63
Azobenzene
Concen: 37.961 ng
RT: 16.03 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BG038377.D
Acq: 6 Dec 2018 10:14

Instrument :
BNA_G
ClientSampleId :
PB115166BS

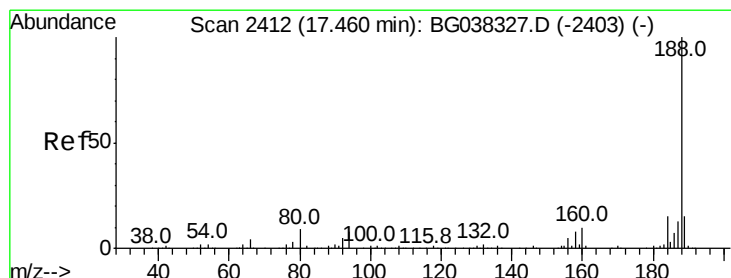
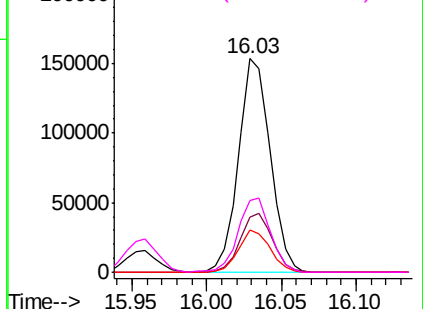
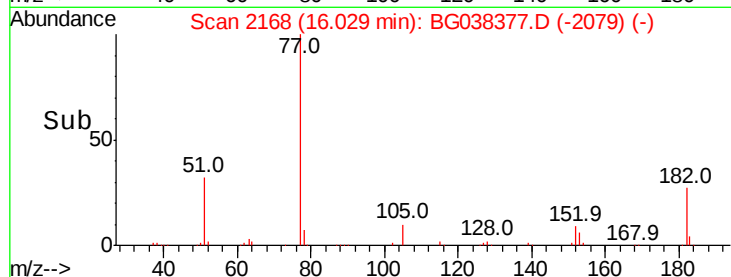
Tot Ion	Ratio	Lower	Upper
77	100		
182	25.7	8.0	48.0
105	19.8	1.3	41.3
51	33.8	10.7	50.7

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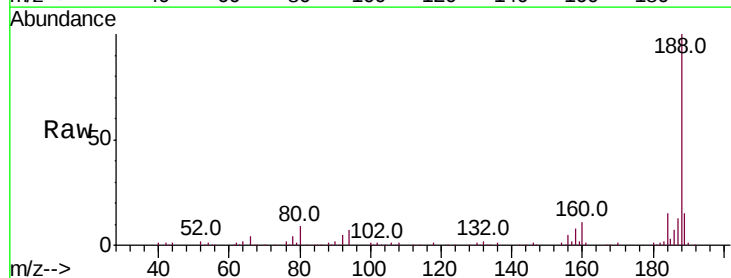


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

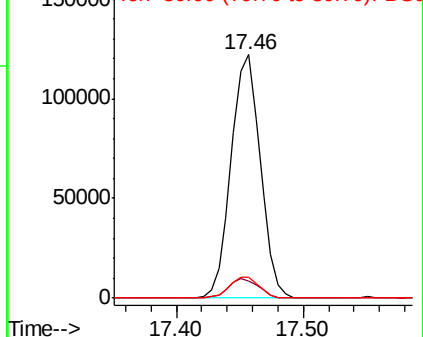
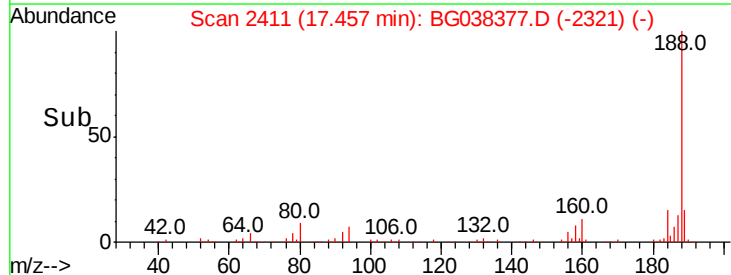


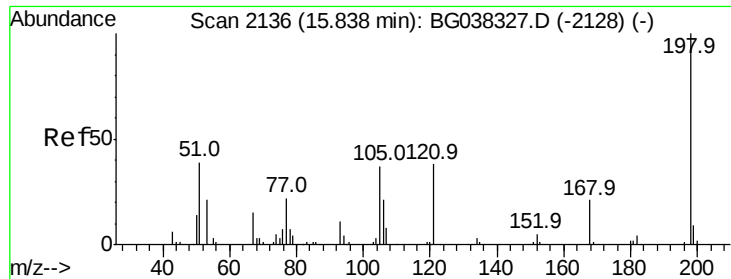
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2411
Delta R.T. -0.00 min
Lab File: BG038377.D
Acq: 6 Dec 2018 10:14

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.2	7.2	10.8
80	8.7	7.7	11.5



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 37.014 ng

RT: 15.83 min Scan# 2134

Delta R.T. -0.01 min

Lab File: BG038377.D

Acq: 6 Dec 2018 10:14

Instrument :

BNA_G

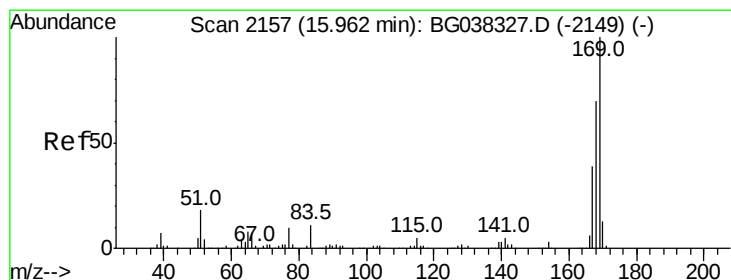
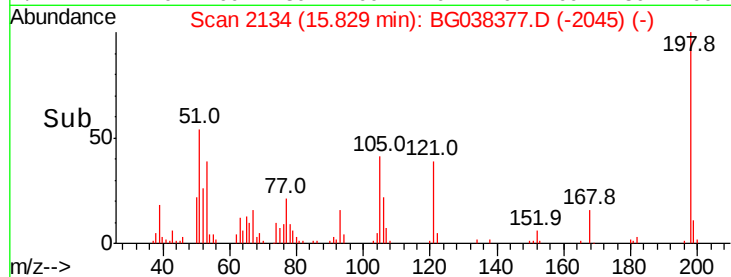
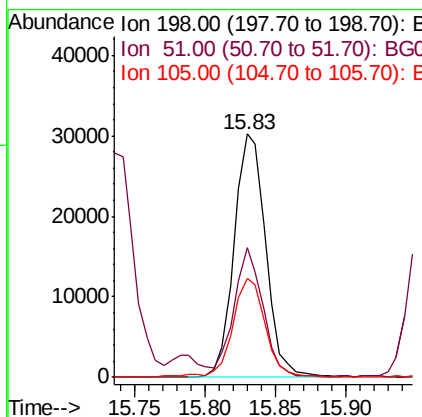
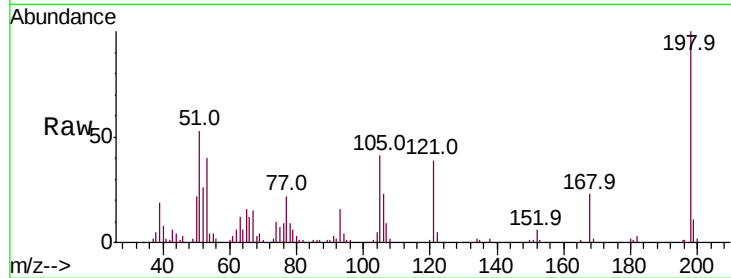
ClientSampleId :

PB115166BS

Tot Ion:	198	Resp:	47163
Ion Ratio	Lower	Upper	
198	100		
51	53.5	22.7	62.7
105	40.7	19.7	59.7

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#66

n-Nitrosodiphenylamine

Concen: 38.604 ng

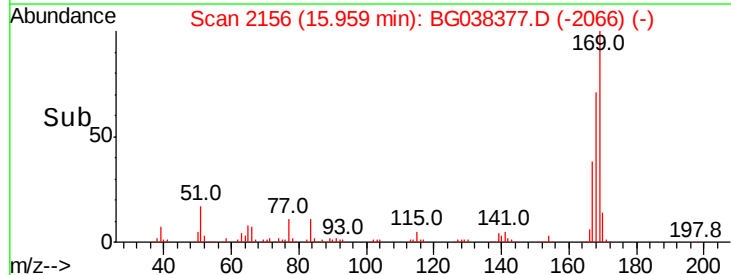
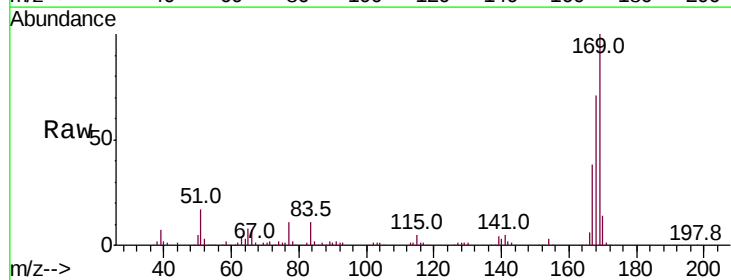
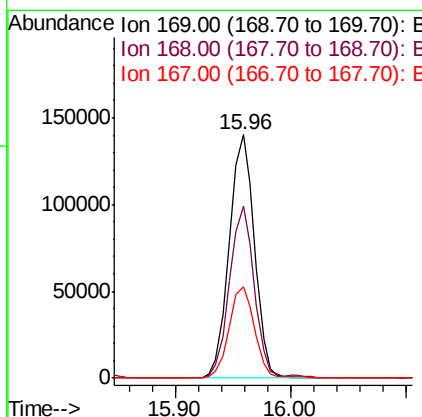
RT: 15.96 min Scan# 2156

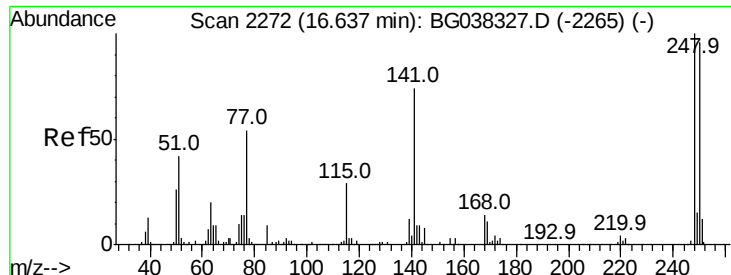
Delta R.T. -0.00 min

Lab File: BG038377.D

Acq: 6 Dec 2018 10:14

Tgt Ion:	169	Resp:	211111
Ion Ratio	Lower	Upper	
169	100		
168	70.6	55.7	83.5
167	37.6	31.3	46.9





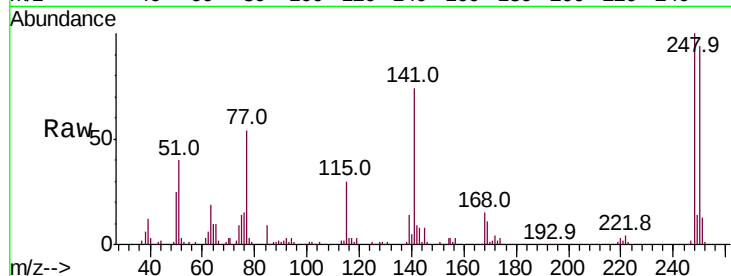
#67
 4-Bromophenyl-phenylether
 Concen: 38.052 ng
 RT: 16.63 min Scan# 2271
 Delta R.T. -0.00 min
 Lab File: BG038377.D
 Acq: 6 Dec 2018 10:14

Instrument :
 BNA_G
 ClientSampleId :
 PB115166BS

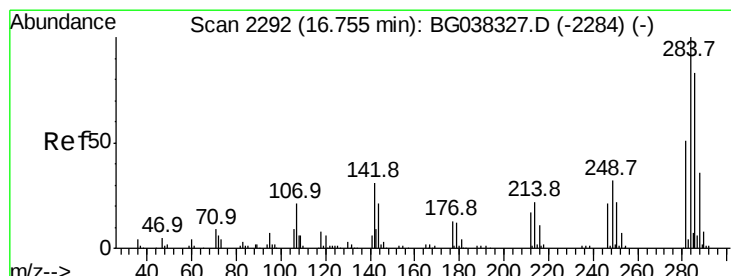
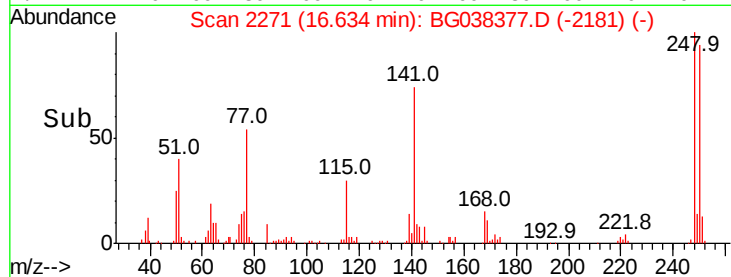
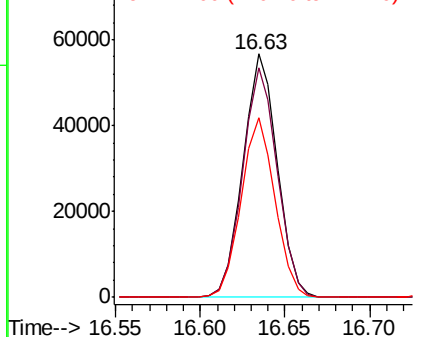
Tot Ion:	248	Resp:	79913
Ion Ratio	Lower	Upper	
248	100		
250	94.4	77.0	115.6
141	73.8	55.5	83.3

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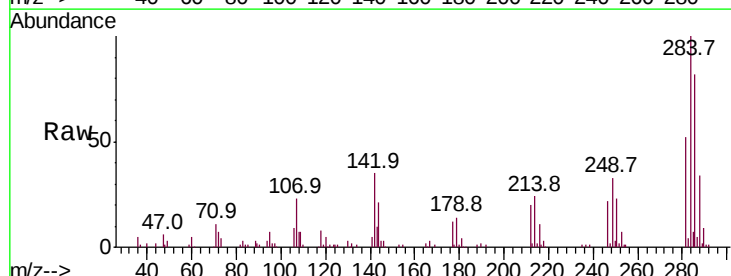


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

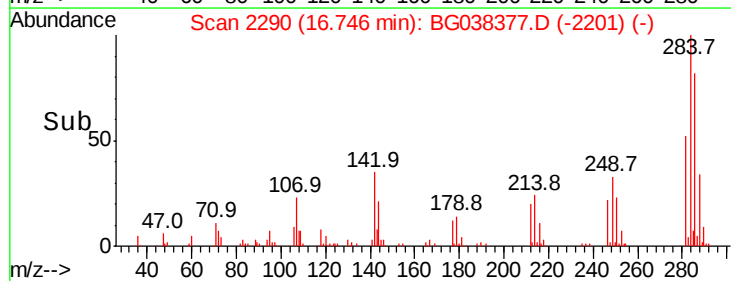
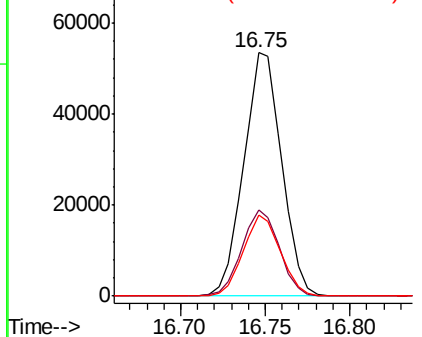


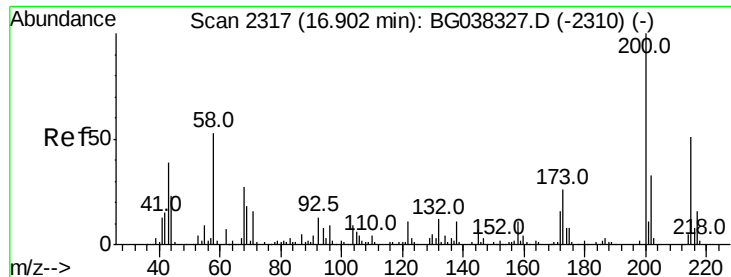
#68
 Hexachlorobenzene
 Concen: 38.459 ng
 RT: 16.75 min Scan# 2290
 Delta R.T. -0.01 min
 Lab File: BG038377.D
 Acq: 6 Dec 2018 10:14

Tgt Ion:	284	Resp:	83309
Ion Ratio	Lower	Upper	
284	100		
142	35.4	28.1	42.1
249	35.8	29.8	44.8



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





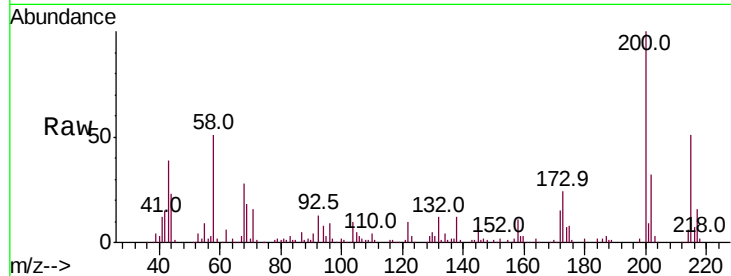
#69
Atrazine
Concen: 41.393 ng
RT: 16.90 min Scan# 2316
Delta R.T. -0.00 min
Lab File: BG038377.D
Acq: 6 Dec 2018 10:14

Instrument :
BNA_G
ClientSampleId :
PB115166BS

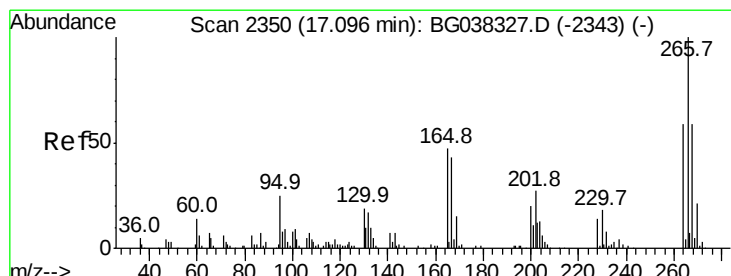
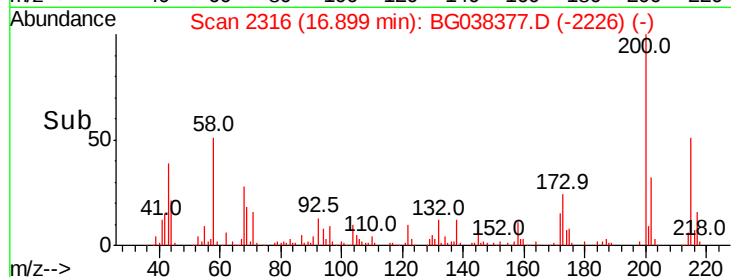
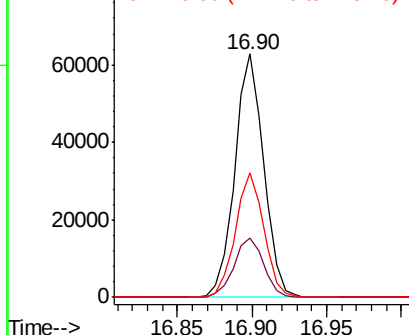
Tot Ion	Ratio	Lower	Upper
200	100		
173	24.3	6.1	46.1
215	51.0	30.8	70.8

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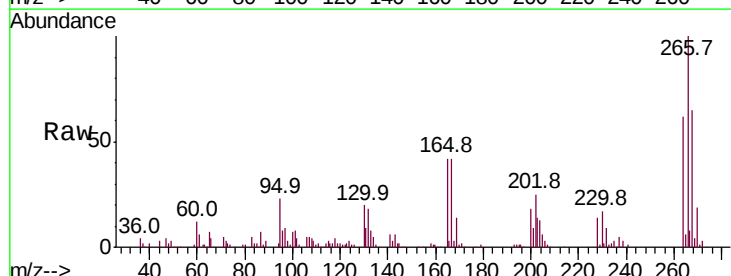


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

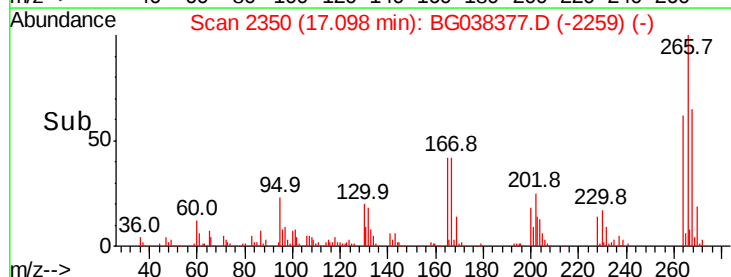
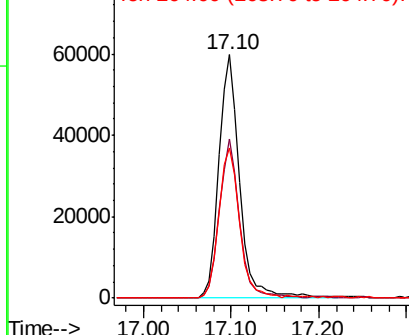


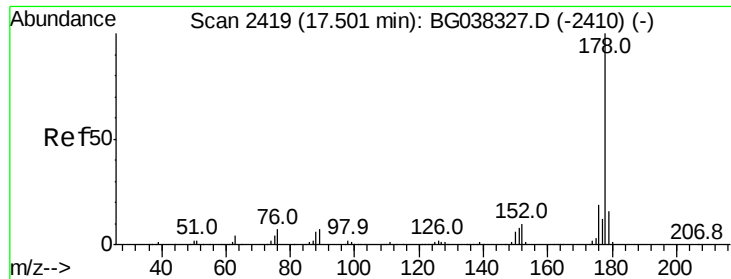
#70
Pentachlorophenol
Concen: 66.539 ng
RT: 17.10 min Scan# 2350
Delta R.T. 0.00 min
Lab File: BG038377.D
Acq: 6 Dec 2018 10:14

Tgt Ion	Ratio	Lower	Upper
266	100		
268	69.7	55.0	82.6
264	67.8	58.9	88.3



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 41.146 ng

RT: 17.50 min Scan# 2418

Delta R.T. -0.00 min

Lab File: BG038377.D

Acq: 6 Dec 2018 10:14

Instrument :

BNA_G

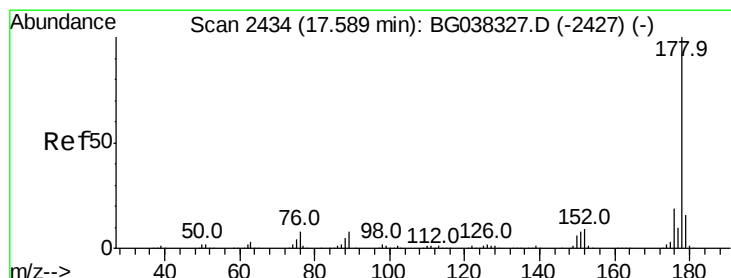
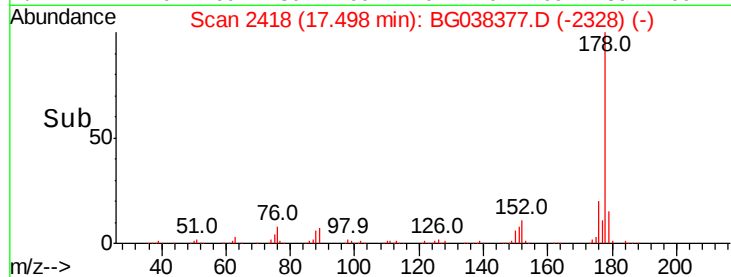
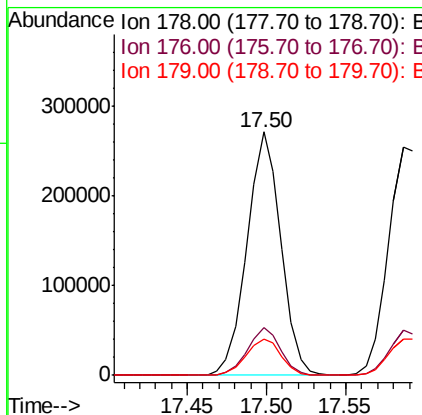
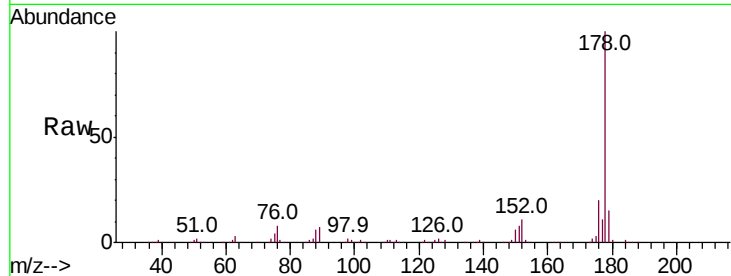
ClientSampleId :

PB115166BS

Tot Ion:	178	Resp:	400723
Ion Ratio	Lower	Upper	
178	100		
176	19.6	16.1	24.1
179	15.0	13.0	19.4

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#72

Anthracene

Concen: 43.157 ng

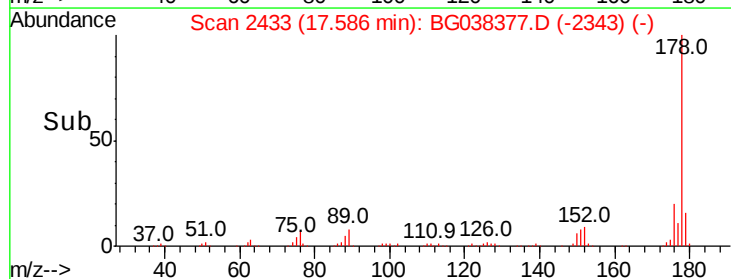
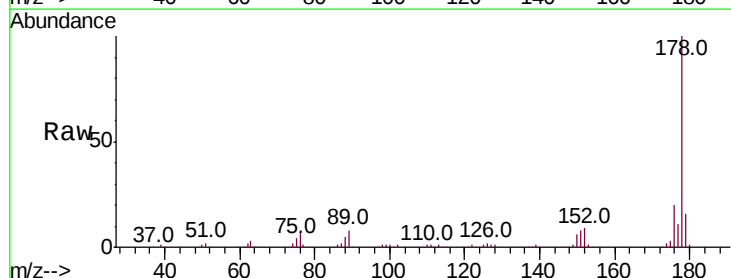
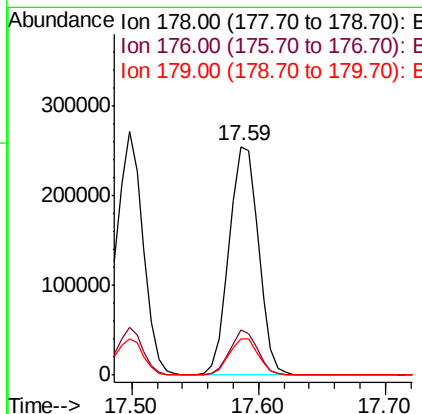
RT: 17.59 min Scan# 2433

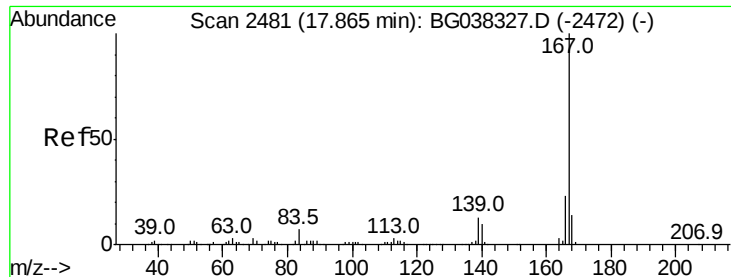
Delta R.T. -0.00 min

Lab File: BG038377.D

Acq: 6 Dec 2018 10:14

Tgt Ion:	178	Resp:	407025
Ion Ratio	Lower	Upper	
178	100		
176	19.5	15.0	22.4
179	15.7	12.8	19.2





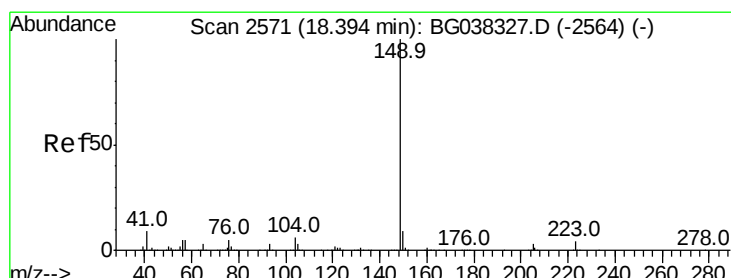
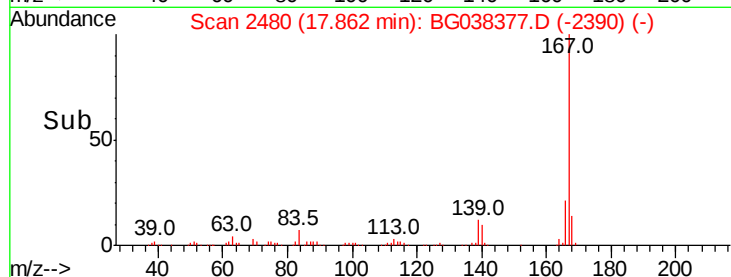
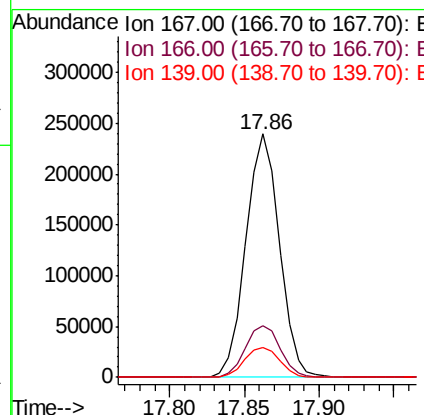
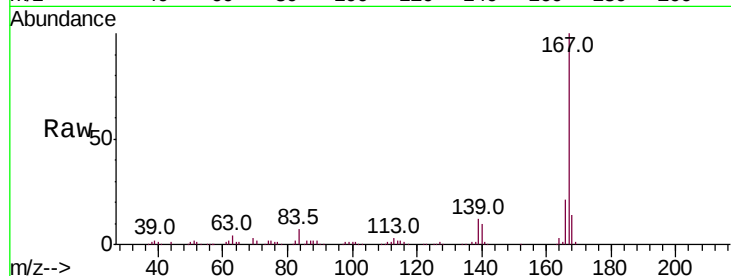
#73
 Carbazole
 Concen: 39.868 ng
 RT: 17.86 min Scan# 2480
 Delta R.T. -0.00 min
 Lab File: BG038377.D
 Acq: 6 Dec 2018 10:14

Instrument :
 BNA_G
 ClientSampleId :
 PB115166BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.4	18.3	27.5
139	12.5	10.5	15.7

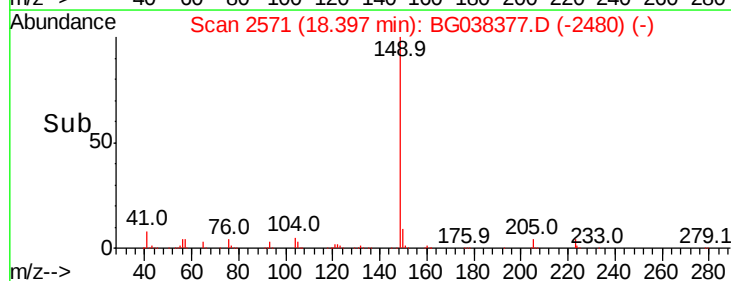
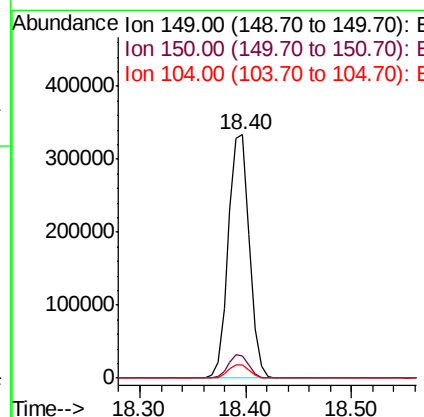
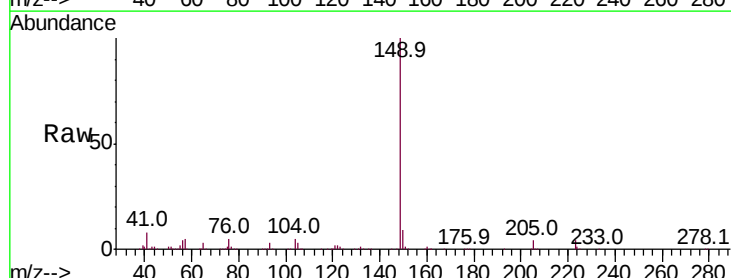
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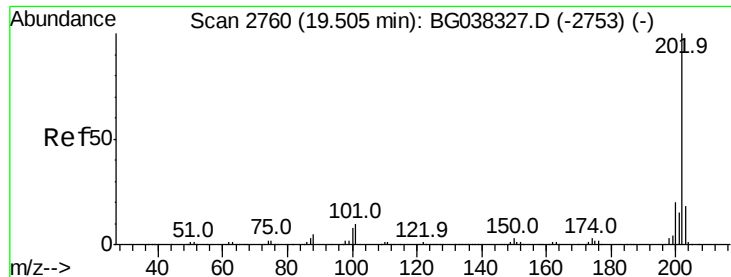
mohammad
 12/7/2018 12:20:47 PM



#74
 Di-n-butylphthalate
 Concen: 41.991 ng
 RT: 18.40 min Scan# 2571
 Delta R.T. 0.00 min
 Lab File: BG038377.D
 Acq: 6 Dec 2018 10:14

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	8.2	12.2
104	5.4	4.0	6.0





#75

Fluoranthene

Concen: 42.980 ng

RT: 19.50 min Scan# 2759

Delta R.T. -0.00 min

Lab File: BG038377.D

Acq: 6 Dec 2018 10:14

Instrument :

BNA_G

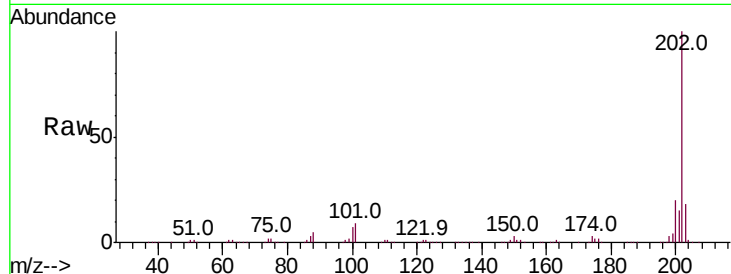
ClientSampleId :

PB115166BS

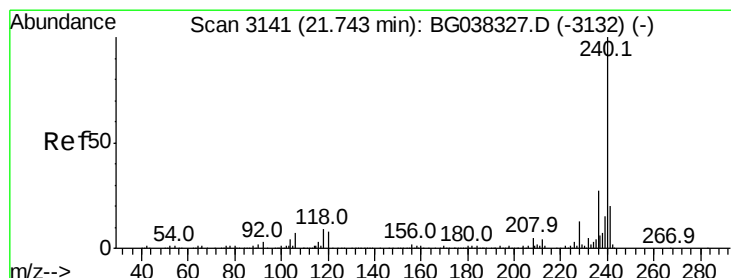
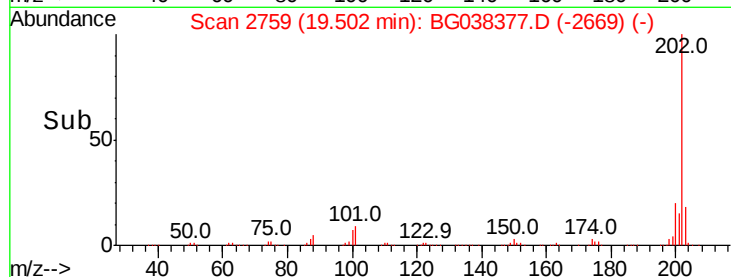
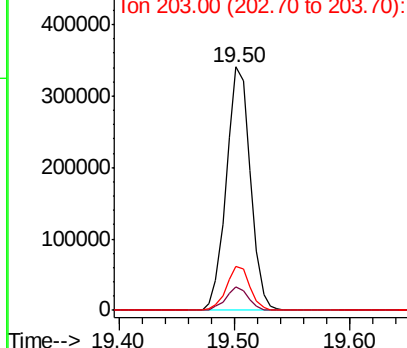
Tot Ion	Ratio	Resp	Lower	Upper
202	100	489048		
101	9.4	0.0	30.7	
203	18.0	0.0	38.5	

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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

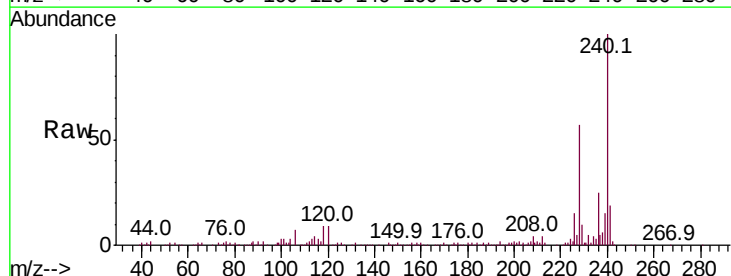
RT: 21.73 min Scan# 3139

Delta R.T. -0.01 min

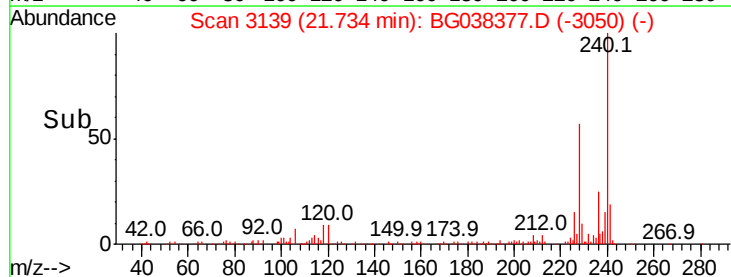
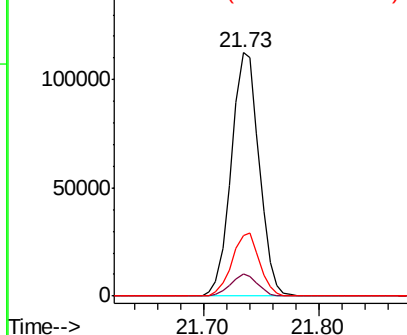
Lab File: BG038377.D

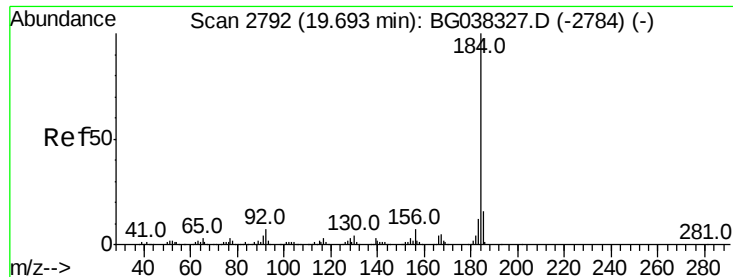
Acq: 6 Dec 2018 10:14

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	187743		
120	9.3	8.1	12.1	
236	25.1	21.4	32.0	



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: 16.695 ng

RT: 19.69 min Scan# 2791

Delta R.T. -0.00 min

Lab File: BG038377.D

Acq: 6 Dec 2018 10:14

Instrument :

BNA_G

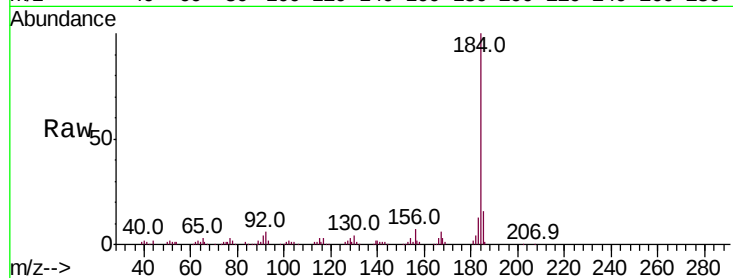
ClientSampleId :

PB115166BS

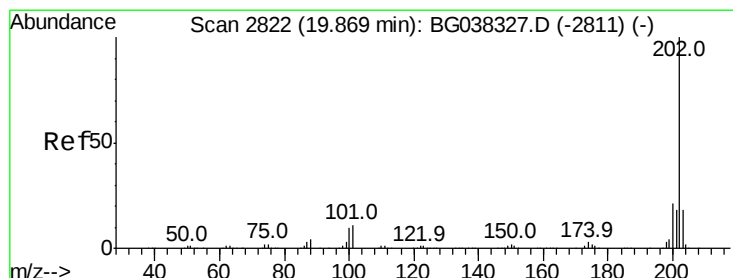
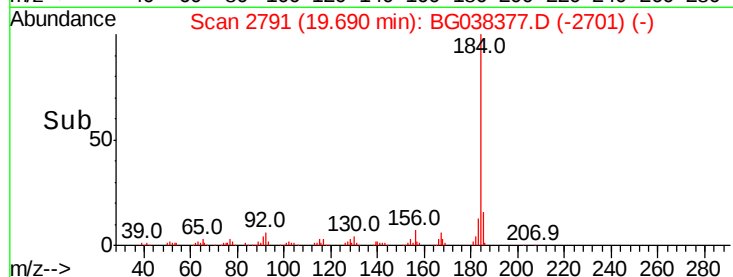
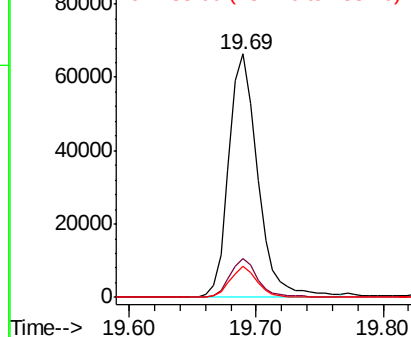
Tot Ion:	184	Resp:	105766
Ion Ratio	Lower	Upper	
184	100		
185	16.1	12.6	18.8
183	12.8	10.2	15.2

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.220 ng

RT: 19.87 min Scan# 2821

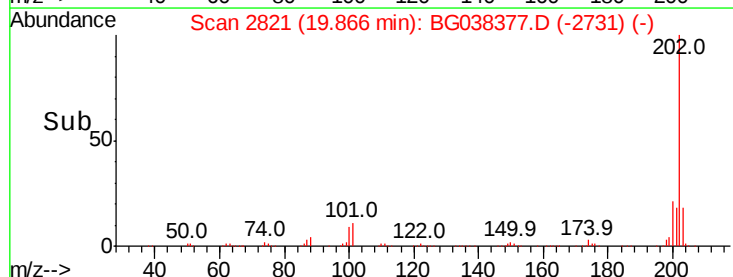
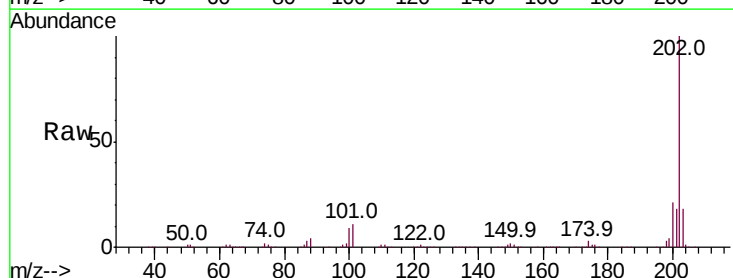
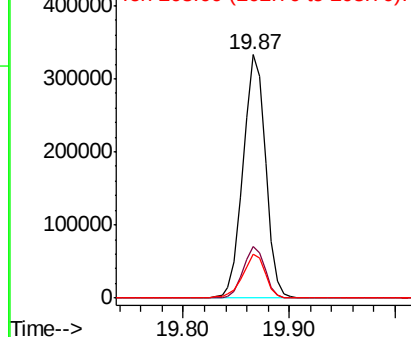
Delta R.T. -0.00 min

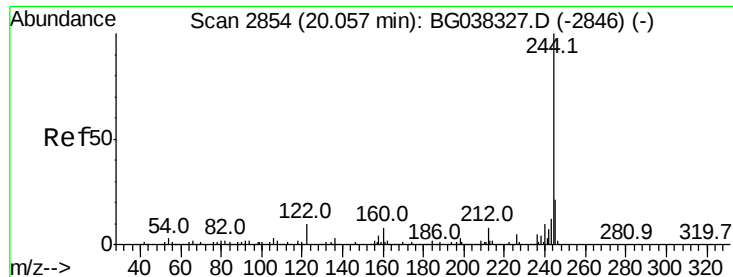
Lab File: BG038377.D

Acq: 6 Dec 2018 10:14

Tgt Ion:	202	Resp:	488924
Ion Ratio	Lower	Upper	
202	100		
200	21.0	17.8	26.6
203	18.0	15.2	22.8

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





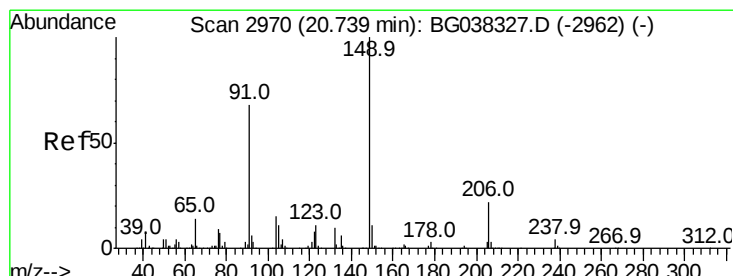
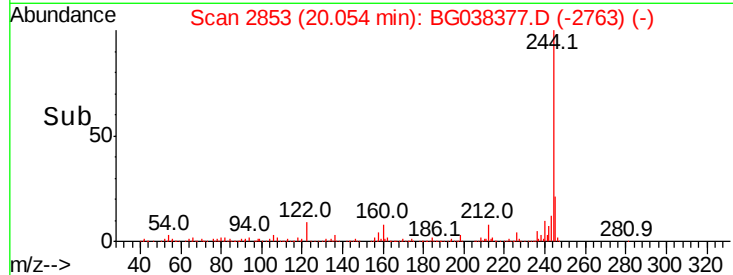
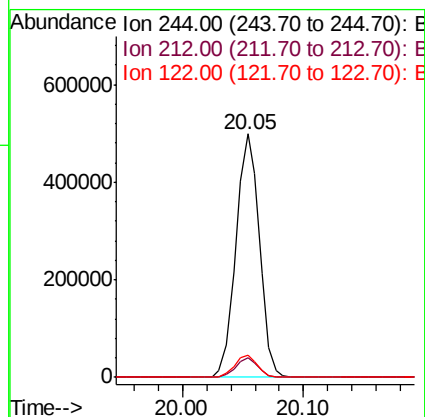
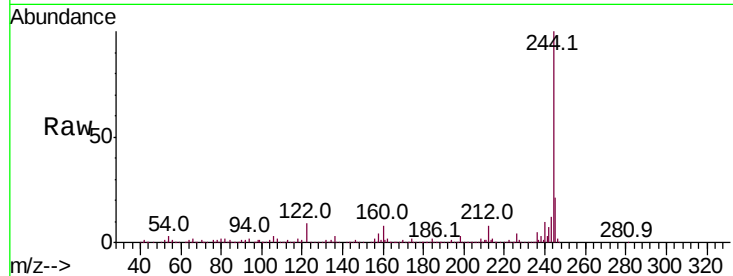
#79
 Terphenyl-d14
 Concen: 77.015 ng
 RT: 20.05 min Scan# 2853
 Delta R.T. -0.00 min
 Lab File: BG038377.D
 Acq: 6 Dec 2018 10:14

Instrument :
 BNA_G
 ClientSampleId :
 PB115166BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.5	9.7
122	9.1	9.0	13.4

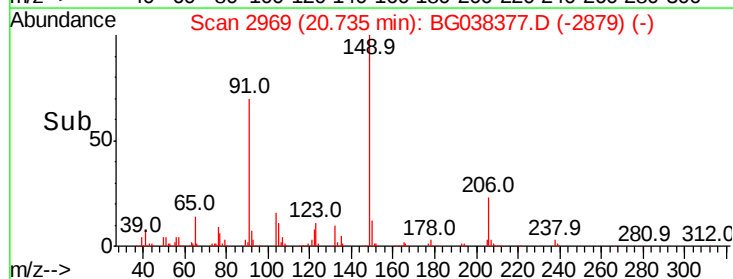
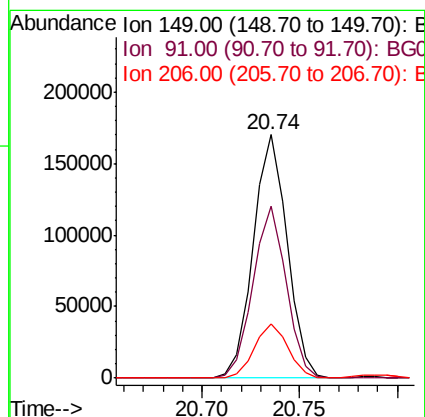
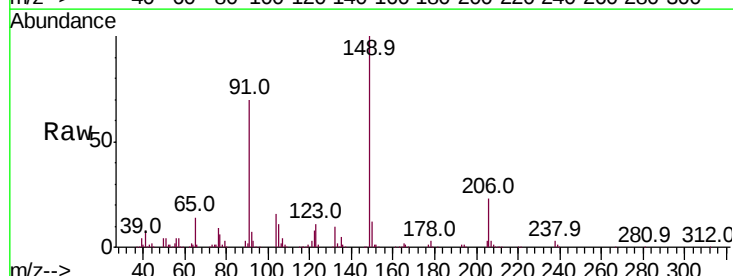
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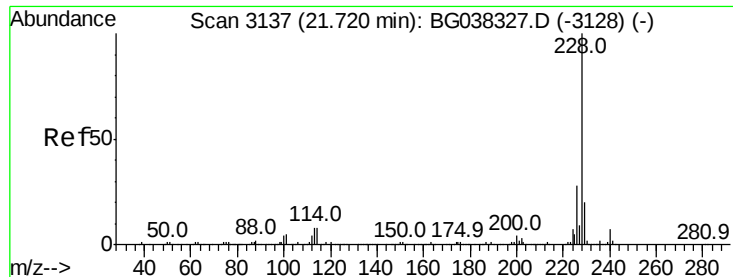
mohammad
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#80
 Butylbenzylphthalate
 Concen: 38.830 ng
 RT: 20.74 min Scan# 2969
 Delta R.T. -0.00 min
 Lab File: BG038377.D
 Acq: 6 Dec 2018 10:14

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.5	57.0	85.4
206	22.5	17.8	26.6





#81

Benzo(a)anthracene

Concen: 40.362 ng

RT: 21.72 min Scan# 3136

Delta R.T. -0.00 min

Lab File: BG038377.D

Acq: 6 Dec 2018 10:14

Instrument :

BNA_G

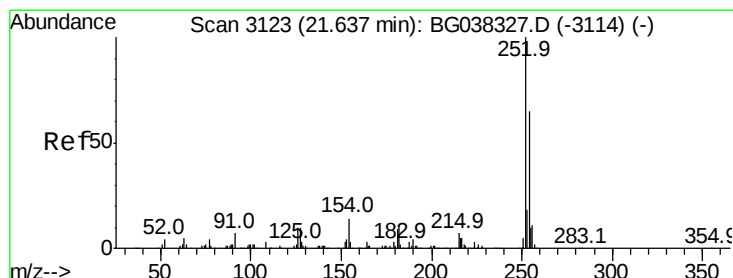
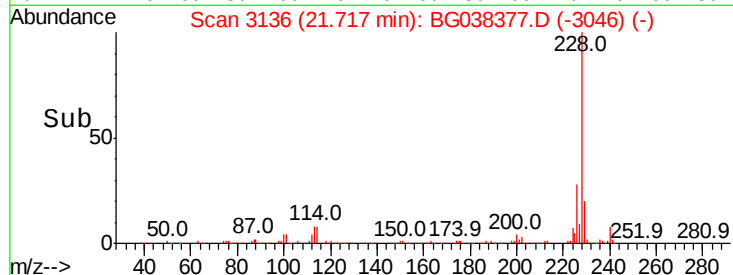
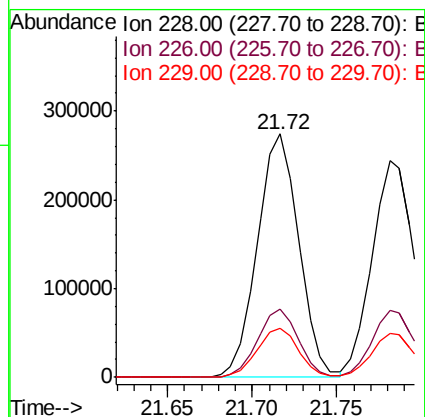
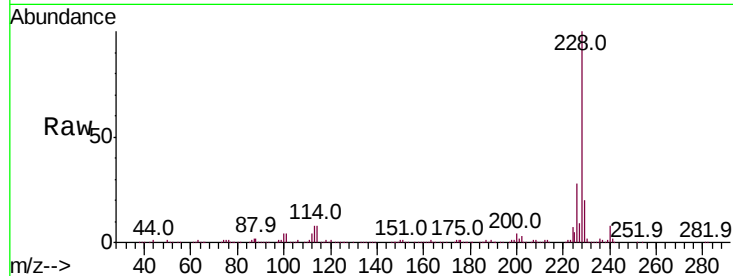
ClientSampleId :

PB115166BS

Tot Ion:	228	Resp:	465728
Ion Ratio	Lower	Upper	
228	100		
226	27.8	22.6	33.8
229	20.0	16.3	24.5

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#82

3,3'-Dichlorobenzidine

Concen: 16.297 ng

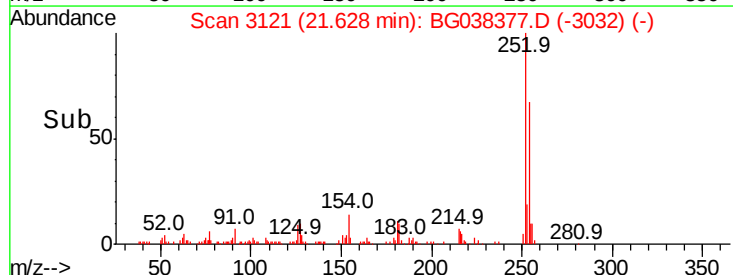
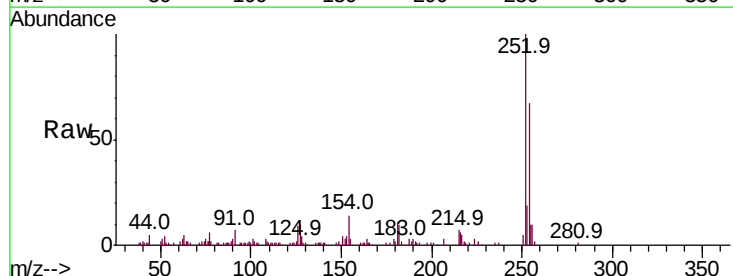
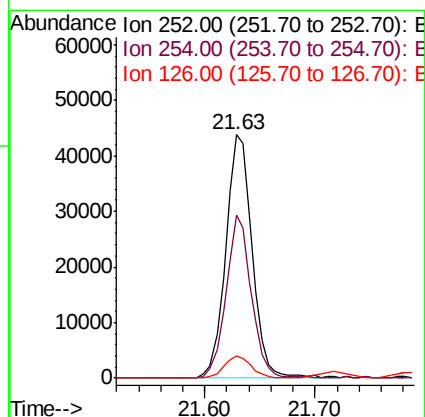
RT: 21.63 min Scan# 3121

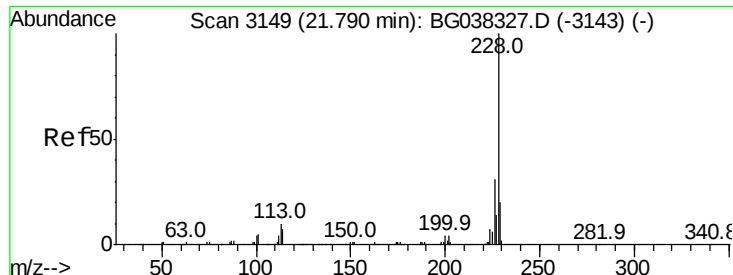
Delta R.T. -0.01 min

Lab File: BG038377.D

Acq: 6 Dec 2018 10:14

Tgt Ion:	252	Resp:	73152
Ion Ratio	Lower	Upper	
252	100		
254	66.8	52.0	78.0
126	8.9	8.2	12.4





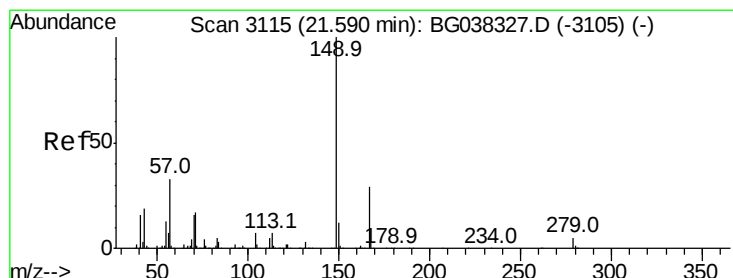
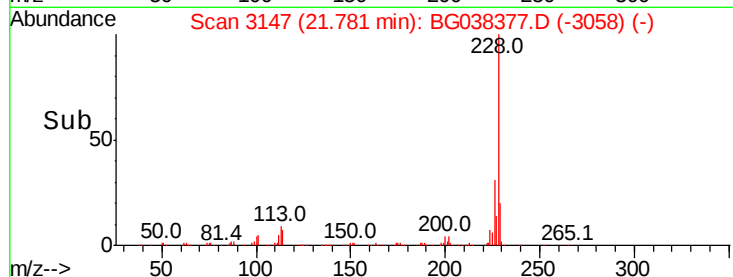
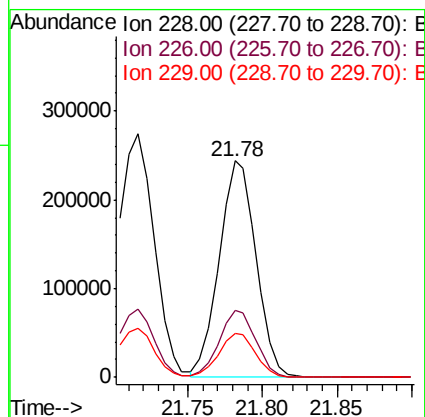
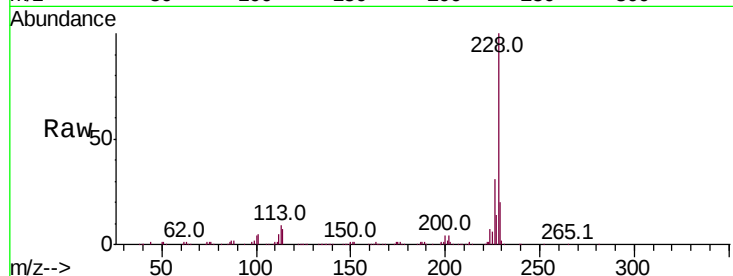
#83
Chrysene
Concen: 38.461 ng
RT: 21.78 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG038377.D
Acq: 6 Dec 2018 10:14

Instrument :
BNA_G
ClientSampleId :
PB115166BS

Tot Ion:	228	Resp:	419967
Ion Ratio	Lower	Upper	
228	100		
226	30.7	25.7	38.5
229	20.3	16.5	24.7

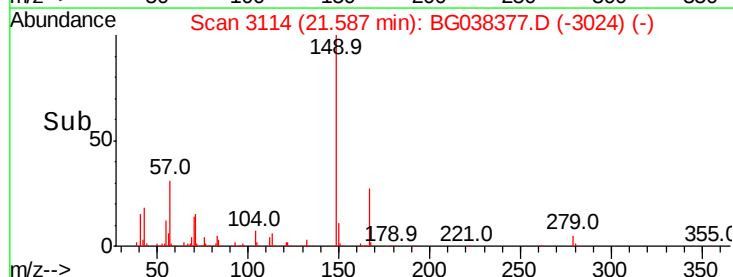
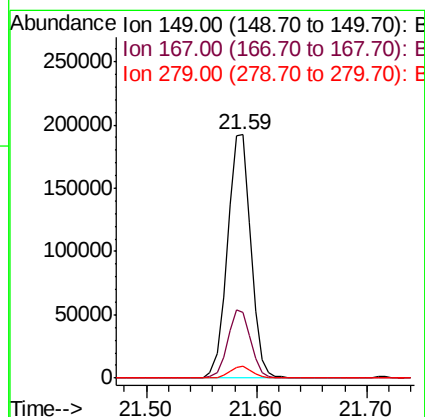
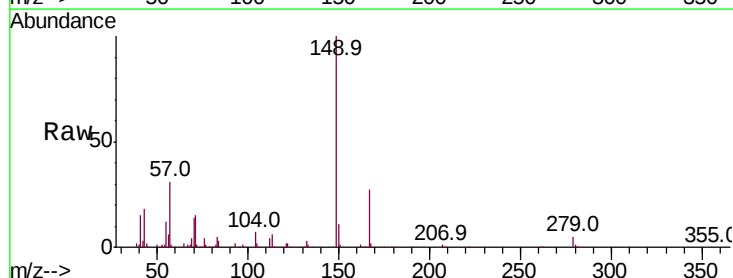
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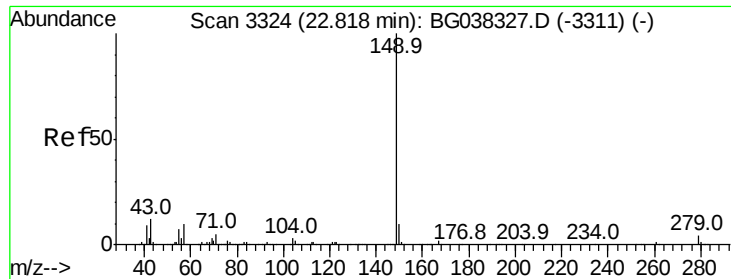
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#84
Bis(2-ethylhexyl)phthalate
Concen: 38.059 ng
RT: 21.59 min Scan# 3114
Delta R.T. -0.00 min
Lab File: BG038377.D
Acq: 6 Dec 2018 10:14

Tgt Ion:	149	Resp:	285007
Ion Ratio	Lower	Upper	
149	100		
167	27.0	23.0	34.4
279	5.0	3.6	5.4





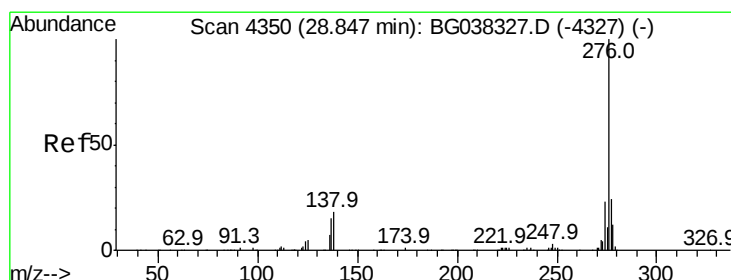
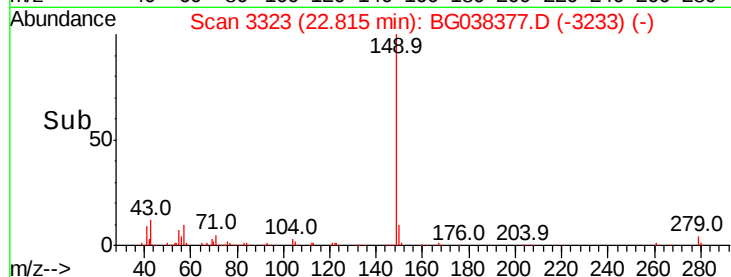
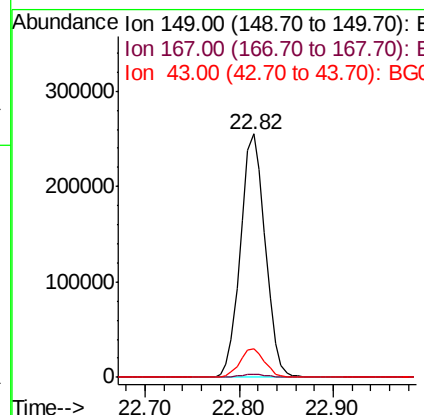
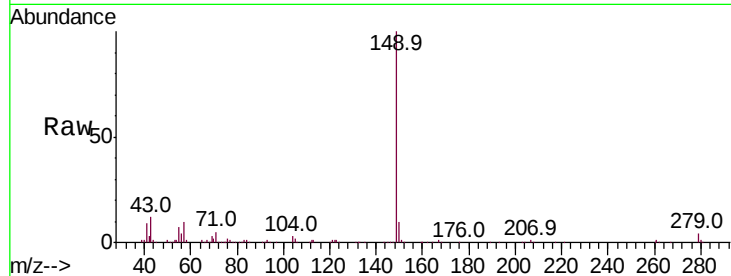
#85
Di-n-octyl phthalate
Concen: 36.254 ng
RT: 22.82 min Scan# 3323
Delta R.T. -0.00 min
Lab File: BG038377.D
Acq: 6 Dec 2018 10:14

Instrument :
BNA_G
ClientSampleId :
PB115166BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	465510		
167	1.5		1.3	1.9
43	11.9		8.7	13.1

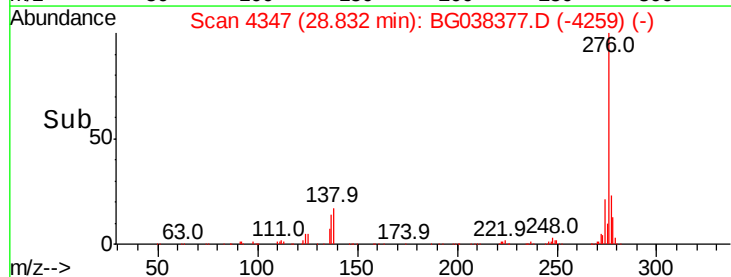
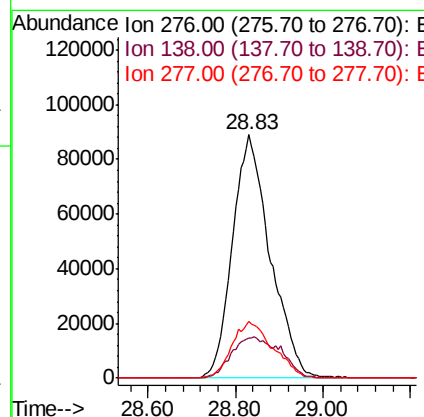
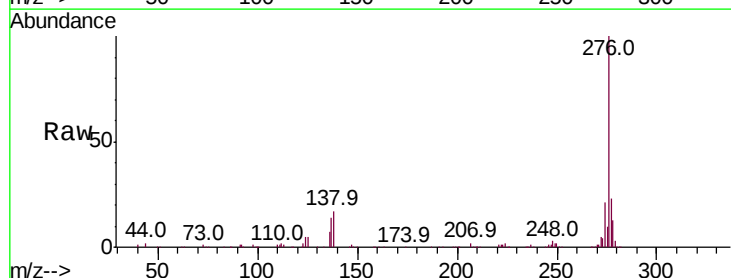
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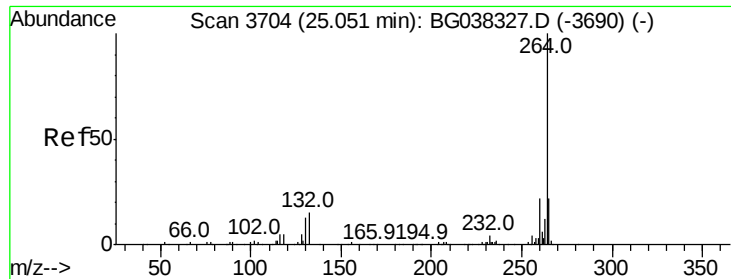
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 42.002 ng
RT: 28.83 min Scan# 4347
Delta R.T. -0.01 min
Lab File: BG038377.D
Acq: 6 Dec 2018 10:14

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	521228		
138	21.9		12.0	18.0#
277	25.2		20.6	30.8





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.04 min Scan# 3701

Delta R.T. -0.01 min

Lab File: BG038377.D

Acq: 6 Dec 2018 10:14

Instrument :

BNA_G

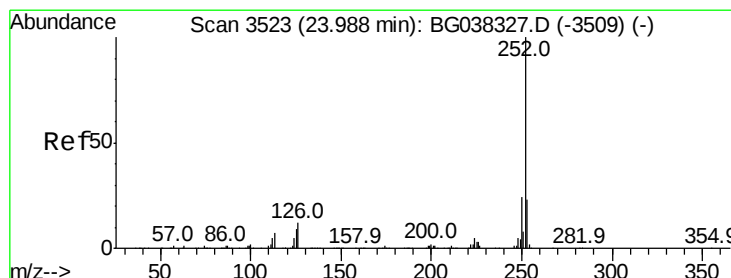
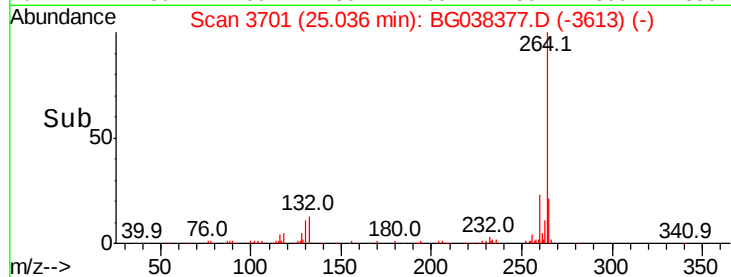
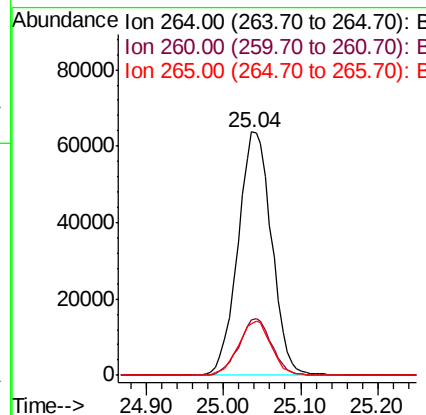
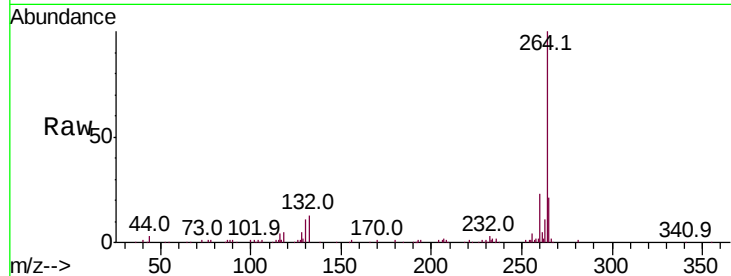
ClientSampleId :

PB115166BS

Tot Ion:	264	Resp:	194313
Ion Ratio	Lower	Upper	
264	100		
260	23.0	18.2	27.4
265	21.4	17.9	26.9

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#88

Benzo(b)fluoranthene

Concen: 47.551 ng m

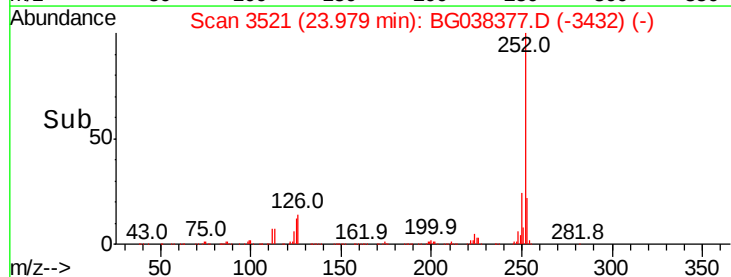
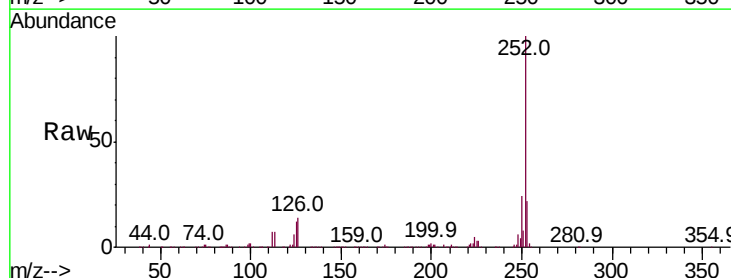
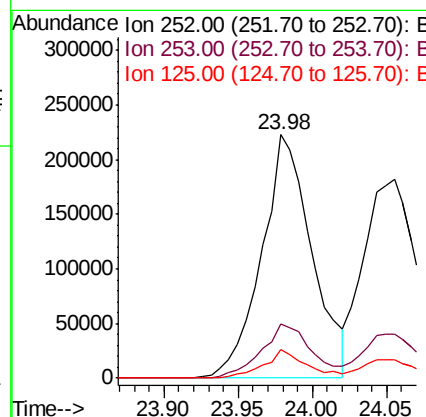
RT: 23.98 min Scan# 3521

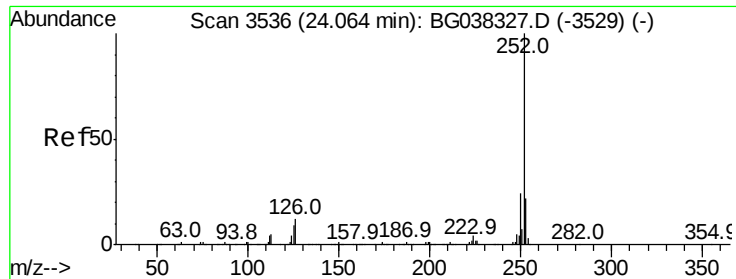
Delta R.T. -0.01 min

Lab File: BG038377.D

Acq: 6 Dec 2018 10:14

Tgt Ion:	252	Resp:	522078
Ion Ratio	Lower	Upper	
252	100		
253	22.4	18.2	27.2
125	11.8	7.8	11.6#





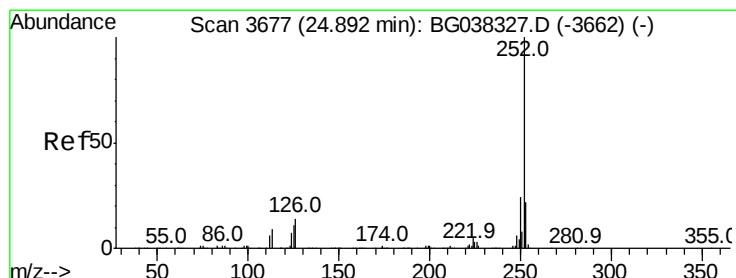
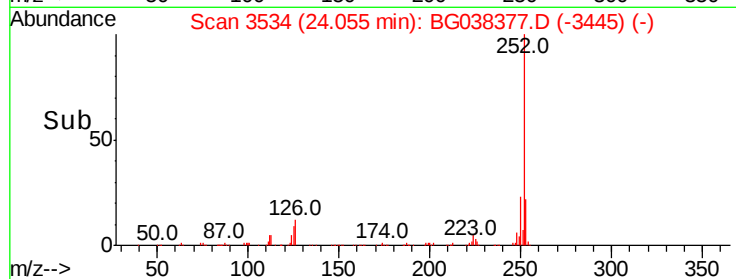
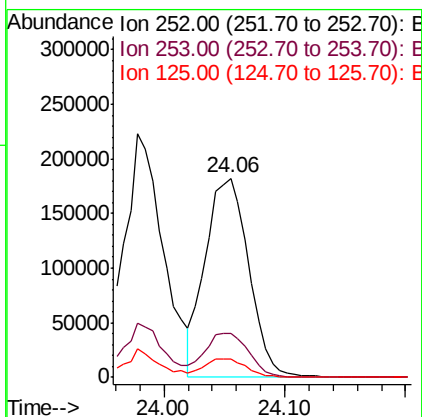
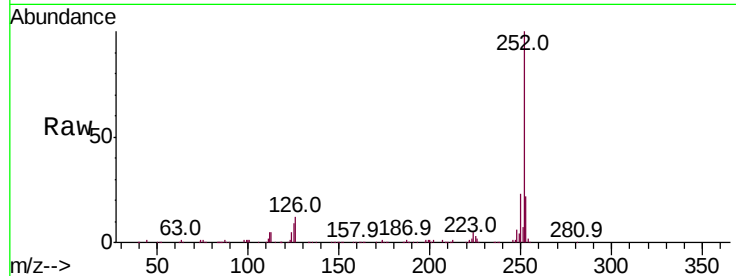
#89
Benzo(k)fluoranthene
Concen: 41.289 ng
RT: 24.06 min Scan# 3534
Delta R.T. -0.01 min
Lab File: BG038377.D
Acq: 6 Dec 2018 10:14

Instrument :
BNA_G
ClientSampleId :
PB115166BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.2
125	8.9	7.4	11.0

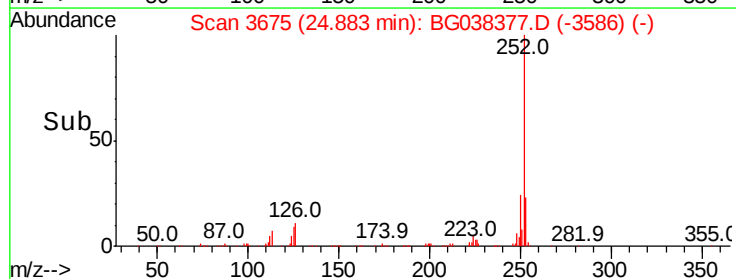
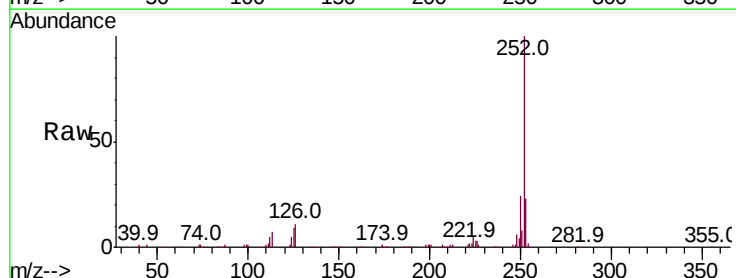
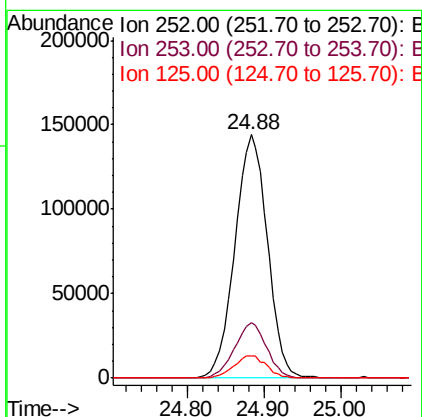
Manual Integrations
APPROVED

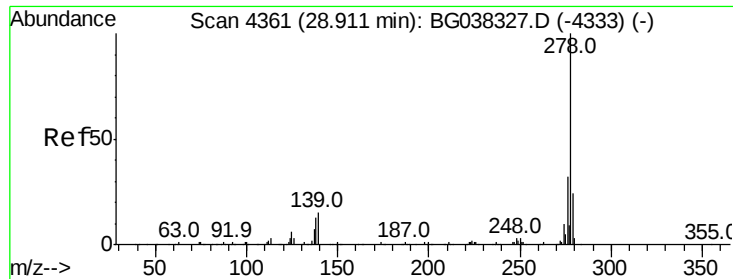
mohammad
12/7/2018 12:20:47 PM



#90
Benzo(a)pyrene
Concen: 40.012 ng
RT: 24.88 min Scan# 3675
Delta R.T. -0.01 min
Lab File: BG038377.D
Acq: 6 Dec 2018 10:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.2
125	8.9	9.0	13.6#





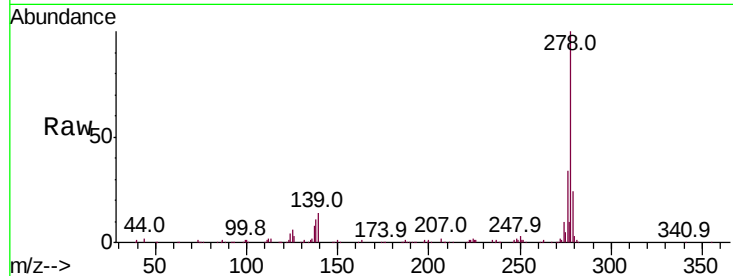
#91
Dibenzo(a,h)anthracene
Concen: 41.944 ng
RT: 28.90 min Scan# 4358
Delta R.T. -0.01 min
Lab File: BG038377.D
Acq: 6 Dec 2018 10:14

Instrument :
BNA_G
ClientSampleId :
PB115166BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.7	11.5	17.3
279	23.6	18.6	27.8

Manual Integrations
APPROVED

mohammad
12/7/2018 12:20:47 PM

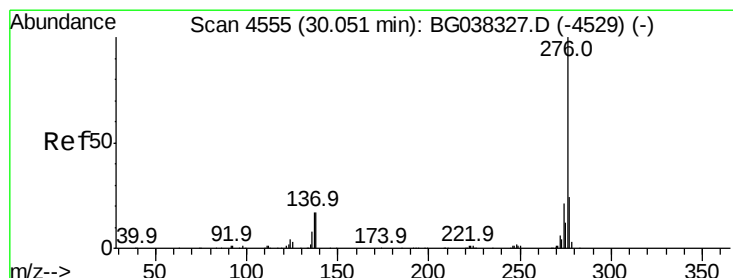
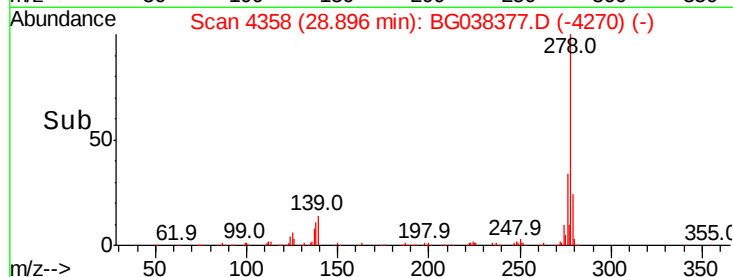
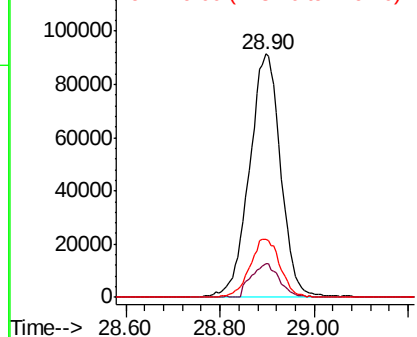


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 54.374 ng
RT: 30.02 min Scan# 4550
Delta R.T. -0.03 min
Lab File: BG038377.D
Acq: 6 Dec 2018 10:14

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.9	28.3
138	24.1	17.2	25.8

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

