

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120518\
 Data File : BG038373.D
 Acq On : 6 Dec 2018 00:23
 Operator : JU/SJ
 Sample : PB115183BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115183BSD

Manual Integrations
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 12/6/2018 12:10:24 PM

Quant Time: Dec 06 04:27:19 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	27310	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	130170	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	82274	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	214219	20.00	ng	0.00
76) Chrysene-d12	21.74	240	195077	20.00	ng	0.00
87) Perylene-d12	25.05	264	196525	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	193810	125.59	ng	0.00
7) Phenol-d6	7.22	99	254439	114.07	ng	0.00
23) Nitrobenzene-d5	9.25	82	251911	96.08	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	112151	111.04	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	565528	97.94	ng	0.00
79) Terphenyl-d14	20.06	244	931343	102.28	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	24184	34.192	ng	# 89
3) Pyridine	3.90	79	109667	51.827	ng	97
4) n-Nitrosodimethylamine	3.83	42	60588	65.367	ng	95
6) Aniline	7.40	93	94752	33.260	ng	97
8) 2-Chlorophenol	7.63	128	100032	55.812	ng	99
9) Benzaldehyde	7.21	77	56019	39.662	ng	97
10) Phenol	7.25	94	132691	56.304	ng	95
11) bis(2-Chloroethyl)ether	7.49	93	89905	46.581	ng	95
12) 1,3-Dichlorobenzene	7.96	146	96211	45.929	ng	94
13) 1,4-Dichlorobenzene	8.11	146	99855	46.071	ng	98
14) 1,2-Dichlorobenzene	8.43	146	96470	50.452	ng	99
15) Benzyl Alcohol	8.31	79	100471	54.789	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.59	45	205287	46.761	ng	96
17) 2-Methylphenol	8.51	107	90651	57.508	ng	93
18) Hexachloroethane	9.15	117	39943	51.061	ng	98
19) n-Nitroso-di-n-propylamine	8.88	70	81574	50.596	ng	91
20) 3+4-Methylphenols	8.84	107	132731	55.905	ng	95
22) Acetophenone	8.90	105	154046	49.654	ng	# 94
24) Nitrobenzene	9.30	77	126462	47.475	ng	94
25) Isophorone	9.81	82	329738	71.564	ng	98
26) 2-Nitrophenol	10.00	139	78598	63.681	ng	97
27) 2,4-Dimethylphenol	10.05	122	123714	69.785	ng	94
28) bis(2-Chloroethoxy)methane	10.29	93	147442	55.820	ng	96
29) 2,4-Dichlorophenol	10.53	162	113891	56.280	ng	100
30) 1,2,4-Trichlorobenzene	10.75	180	110147	46.367	ng	98
31) Naphthalene	10.94	128	313757	50.460	ng	99
32) Benzoic acid	10.20	122	66513	52.369	ng	97
33) 4-Chloroaniline	11.06	127	35901	13.043	ng	94
34) Hexachlorobutadiene	11.20	225	67964	45.732	ng	96
35) Caprolactam	11.85	113	41874m	50.038	ng	
36) 4-Chloro-3-methylphenol	12.16	107	121095	53.858	ng	98
37) 2-Methylnaphthalene	12.54	142	239274	54.036	ng	98
38) 1-Methylnaphthalene	12.76	142	228302	53.831	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	131396	46.413	ng	98

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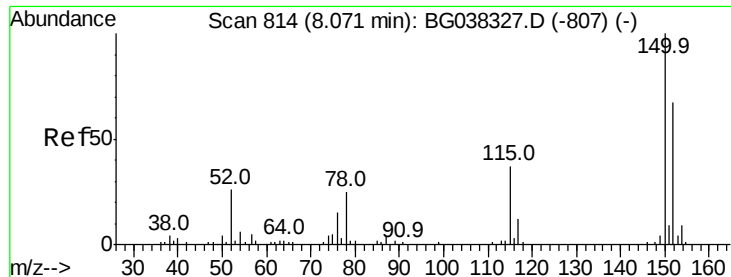
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	173809	111.719	nq	99
43) 2,4,6-Trichlorophenol	13.14	196	96812	52.790	nq	96
44) 2,4,5-Trichlorophenol	13.21	196	105450	54.277	nq	97
46) 1,1'-Biphenyl	13.54	154	312866	44.987	nq	98
47) 2-Chloronaphthalene	13.59	162	248411	47.336	nq	99
48) 2-Nitroaniline	13.80	65	87343	49.609	nq	97
49) Acenaphthylene	14.44	152	417954	52.881	nq	99
50) Dimethylphthalate	14.16	163	339692	51.476	nq	99
51) 2,6-Dinitrotoluene	14.29	165	77404	51.348	nq	93
52) Acenaphthene	14.77	154	239482	49.703	nq	99
53) 3-Nitroaniline	14.62	138	37224	22.928	nq	# 96
54) 2,4-Dinitrophenol	14.83	184	100389	121.487	nq	85
55) Dibenzofuran	15.11	168	398942	50.083	nq	97
56) 4-Nitrophenol	14.92	139	128968	100.563	nq	# 82
57) 2,4-Dinitrotoluene	15.08	165	109621	52.725	nq	96
58) Fluorene	15.75	166	319859	54.503	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.33	232	96466	57.170	nq	97
60) Diethylphthalate	15.51	149	361121	49.394	nq	99
61) 4-Chlorophenyl-phenylether	15.74	204	173677	49.270	nq	98
62) 4-Nitroaniline	15.79	138	82263	51.518	nq	86
63) Azobenzene	16.03	77	320886	50.151	nq	95
65) 4,6-Dinitro-2-methylphenol	15.83	198	68437	48.759	nq	94
66) n-Nitrosodiphenylamine	15.96	169	294637	48.911	nq	99
67) 4-Bromophenyl-phenylether	16.64	248	117436	50.765	nq	99
68) Hexachlorobenzene	16.75	284	117099	49.075	nq	98
69) Atrazine	16.90	200	117129	52.109	nq	99
70) Pentachlorophenol	17.10	266	143062	87.535	nq	96
71) Phenanthrene	17.50	178	575834	53.676	nq	99
72) Anthracene	17.59	178	565027	54.387	nq	99
73) Carbazole	17.87	167	498298	48.326	nq	100
74) Di-n-butylphthalate	18.40	149	602089	49.983	nq	98
75) Fluoranthene	19.51	202	747428	59.632	nq	98
77) Benzidine	19.69	184	229656	34.887	nq	99
78) Pyrene	19.87	202	685268	50.206	nq	98
80) Butylbenzylphthalate	20.73	149	270792	49.327	nq	99
81) Benzo(a)anthracene	21.72	228	639305	53.322	nq	99
82) 3,3'-Dichlorobenzidine	21.63	252	137145	29.405	nq	99
83) Chrysene	21.79	228	592386	52.212	nq	99
84) Bis(2-ethylhexyl)phthalate	21.59	149	420680	54.065	nq	99
85) Di-n-octyl phthalate	22.82	149	709875	53.206	nq	98
86) Indeno(1,2,3-cd)pyrene	28.84	276	705785	54.736	nq	# 97
88) Benzo(b)fluoranthene	23.99	252	618077	55.661	nq	99
89) Benzo(k)fluoranthene	24.06	252	604813	54.687	nq	98
90) Benzo(a)pyrene	24.89	252	596903	55.417	nq	# 98
91) Dibenzo(a,h)anthracene	28.90	278	580017	56.777	nq	97
92) Benzo(g,h,i)perylene	30.05	276	585215	57.739	nq	# 95

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



#1

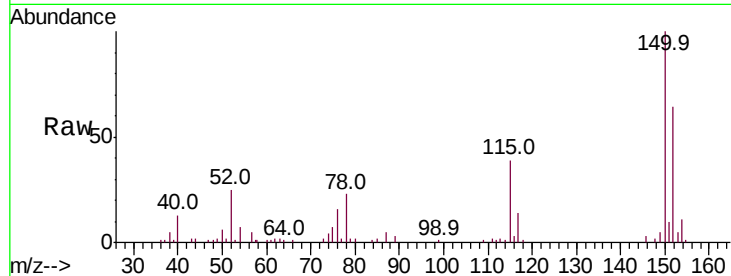
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. 0.00 min
Lab File: BG038373.D
Acq: 6 Dec 2018 00:23

Instrument :
BNA_G
ClientSampleId :
PB115183BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	126.0	189.0
115	60.5	45.5	68.3

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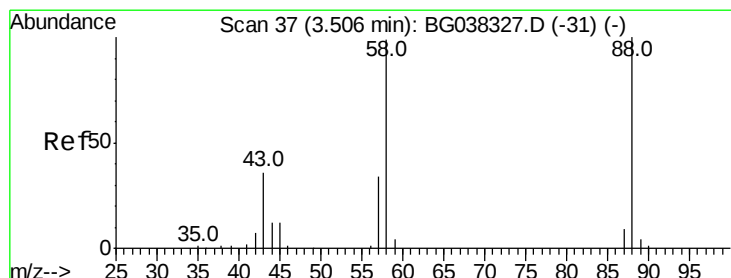
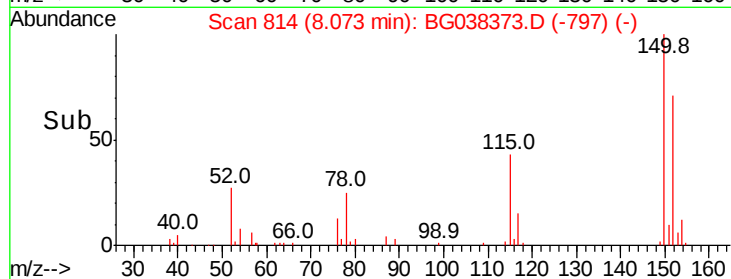
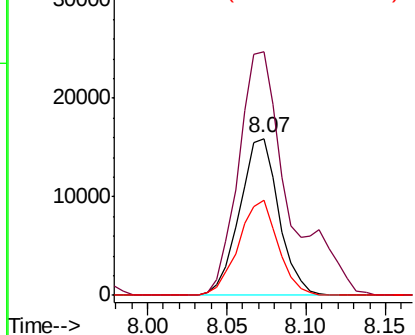


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

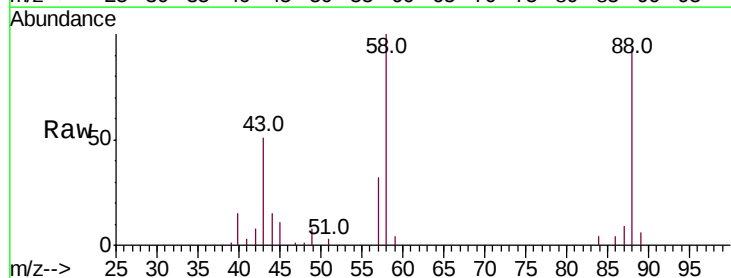
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 34.192 ng
RT: 3.50 min Scan# 36
Delta R.T. -0.00 min
Lab File: BG038373.D
Acq: 6 Dec 2018 00:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	103.2	74.4	111.6
43	39.5	25.8	38.8

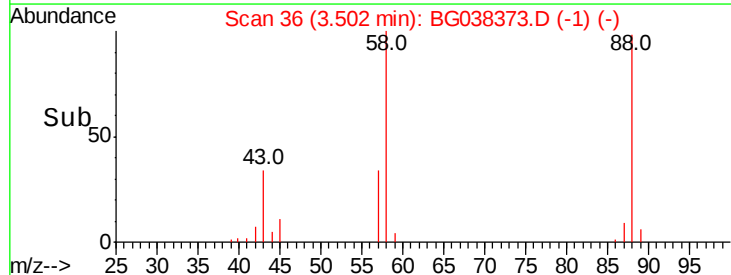
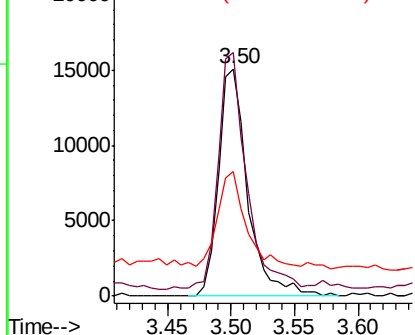


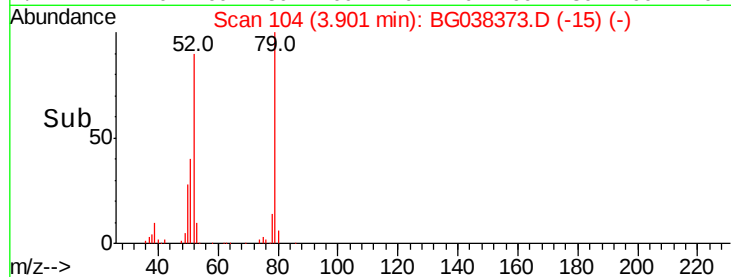
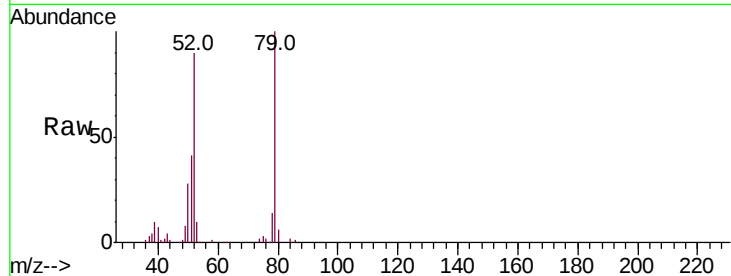
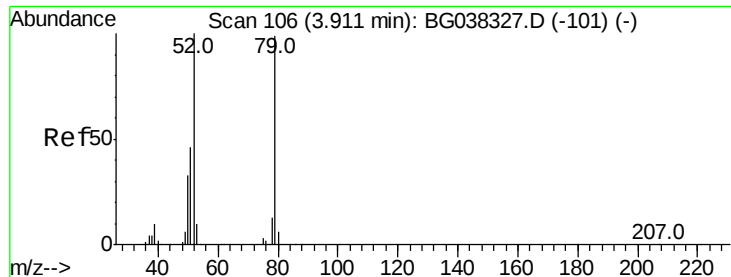
Abundance

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





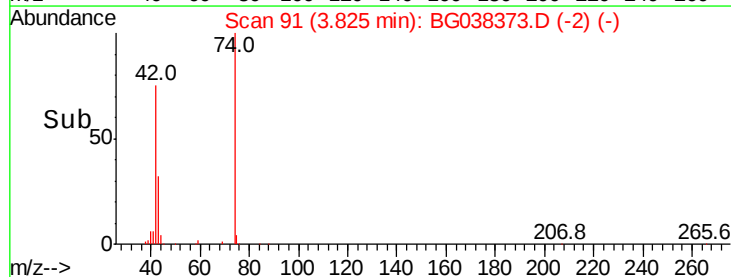
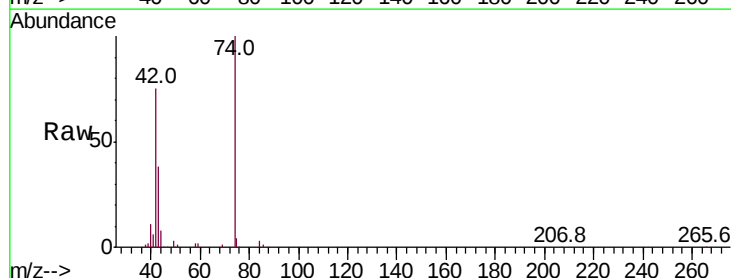
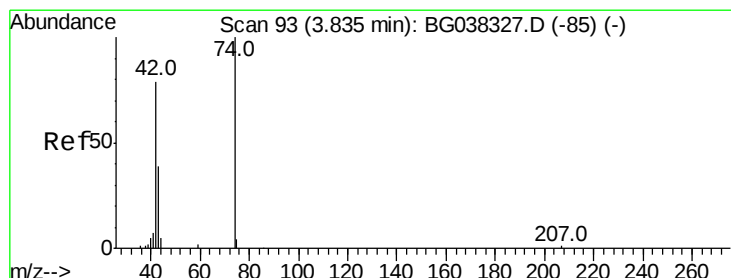
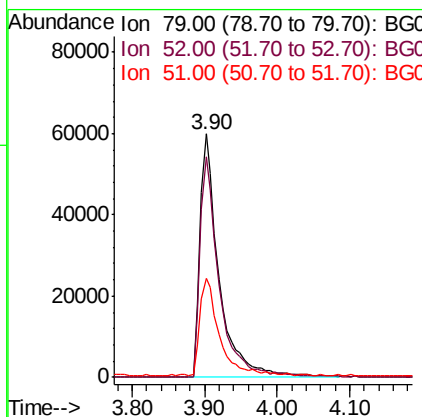
#3
Pvridine
Concen: 51.827 ng
RT: 3.90 min Scan# 104
Delta R.T. -0.01 min
Lab File: BG038373.D
Acq: 6 Dec 2018 00:23

Tot Ion	Ratio	Lower	Upper
79	100		
52	90.4	74.2	111.2
51	40.5	34.6	51.8

Instrument :
BNA_G
ClientSampleId :
PB115183BSD

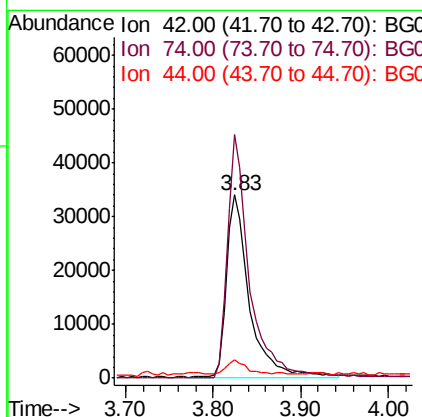
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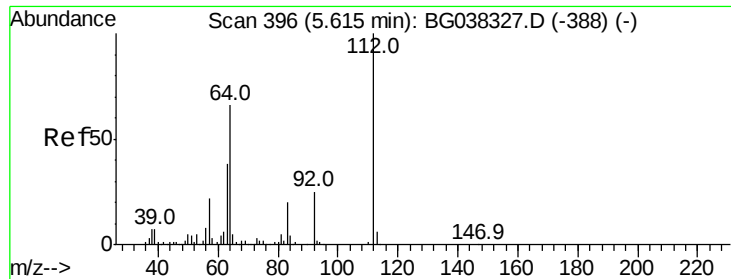
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#4
n-Nitrosodimethylamine
Concen: 65.367 ng
RT: 3.83 min Scan# 91
Delta R.T. -0.01 min
Lab File: BG038373.D
Acq: 6 Dec 2018 00:23

Tgt Ion	Ratio	Lower	Upper
42	100		
74	133.0	102.0	153.0
44	10.1	9.6	14.4





#5

2-Fluorophenol

Concen: 125.586 ng

RT: 5.62 min Scan# 396

Delta R.T. 0.00 min

Lab File: BG038373.D

Acq: 6 Dec 2018 00:23

Instrument :

BNA_G

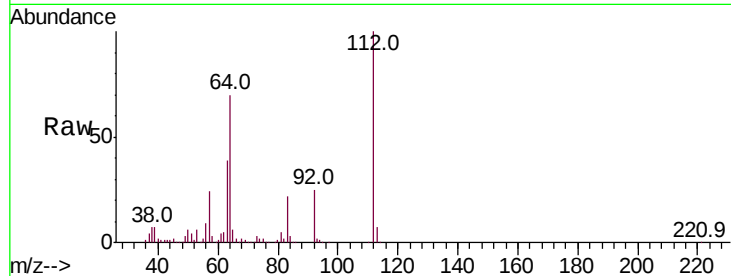
ClientSampleId :

PB115183BSD

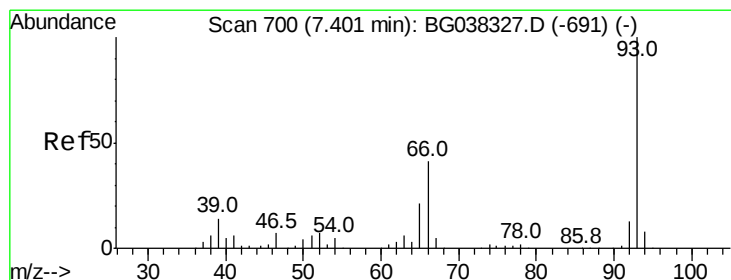
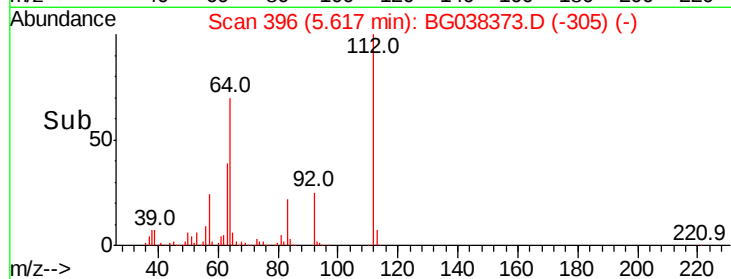
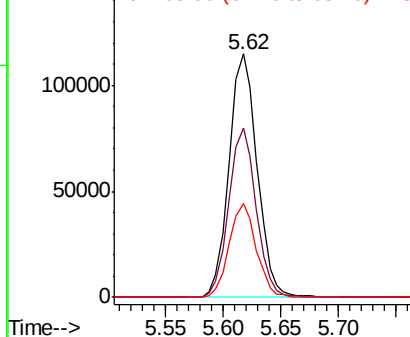
Tot Ion:	112	Resp:	193810
Ion Ratio	Lower	Upper	
112	100		
64	69.6	53.1	79.7
63	38.5	27.3	40.9

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Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 33.260 ng

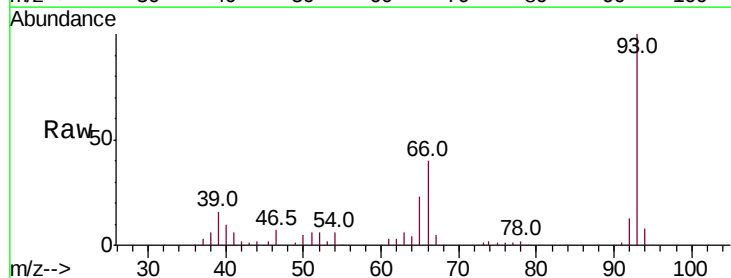
RT: 7.40 min Scan# 699

Delta R.T. -0.00 min

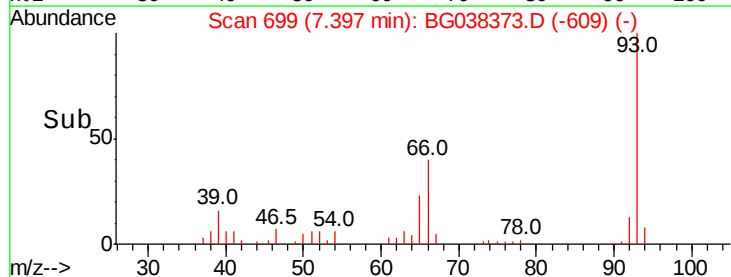
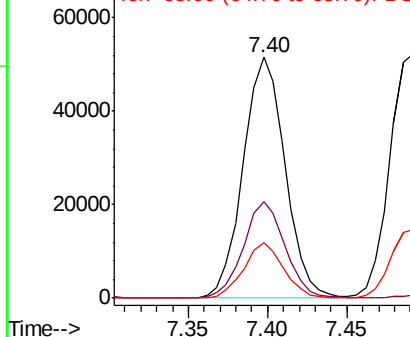
Lab File: BG038373.D

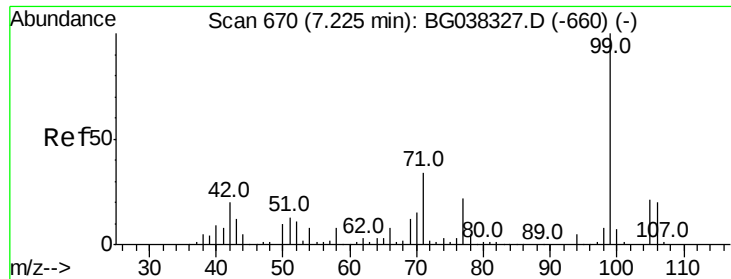
Acq: 6 Dec 2018 00:23

Tgt Ion:	93	Resp:	94752
Ion Ratio	Lower	Upper	
93	100		
66	39.9	32.8	49.2
65	22.8	16.4	24.6



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 114.072 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG038373.D

Acq: 6 Dec 2018 00:23

Instrument :

BNA_G

ClientSampleId :

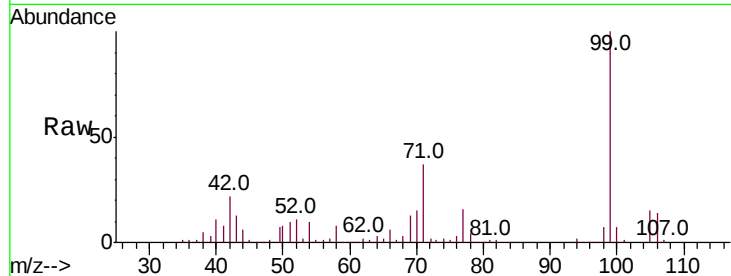
PB115183BSD

Tot Ion: 99 Resp: 254439

Ion	Ratio	Lower	Upper
99	100		
42	22.1	15.0	22.4
71	36.6	25.5	38.3

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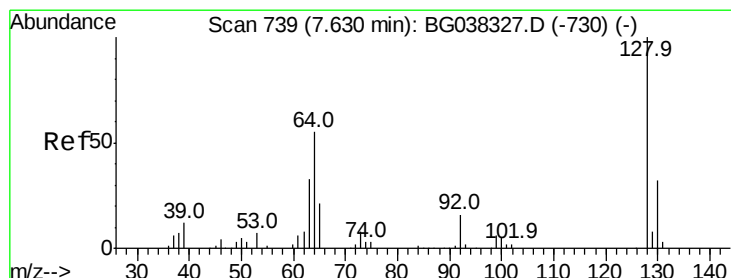
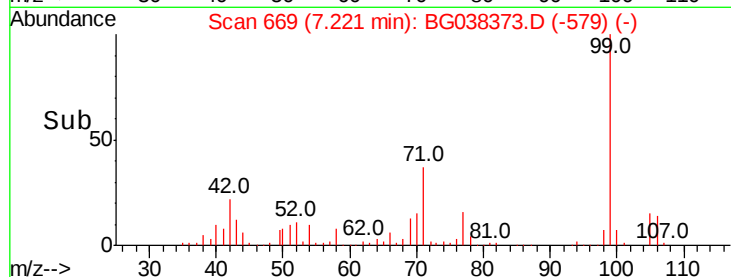
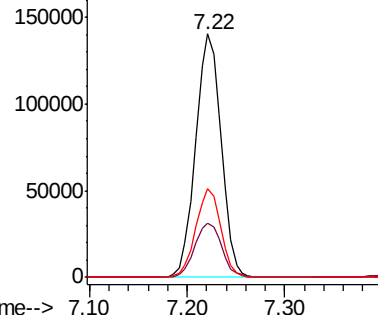
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Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 55.812 ng

RT: 7.63 min Scan# 739

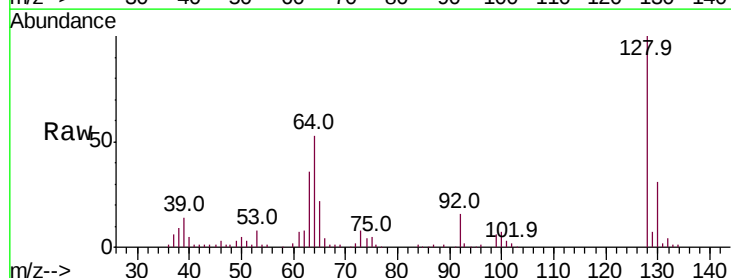
Delta R.T. 0.00 min

Lab File: BG038373.D

Acq: 6 Dec 2018 00:23

Tgt Ion: 128 Resp: 100032

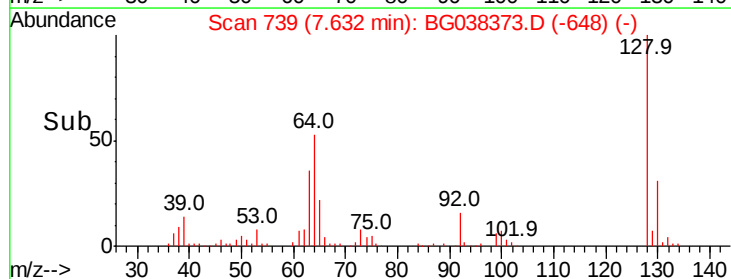
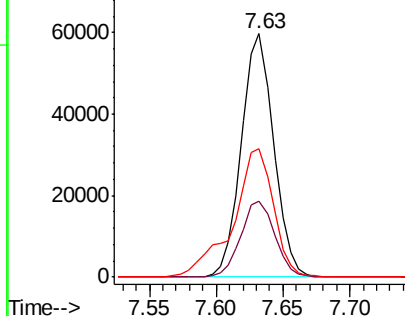
Ion	Ratio	Lower	Upper
128	100		
130	31.2	12.0	52.0
64	52.6	32.9	72.9

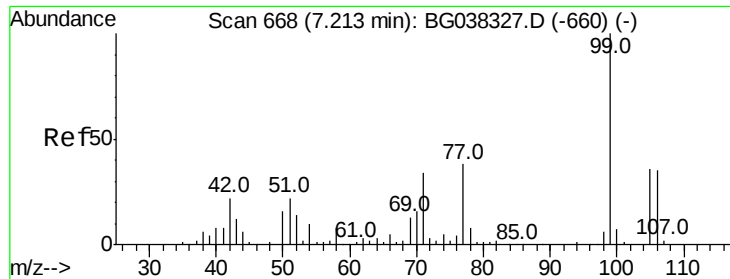


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BGC





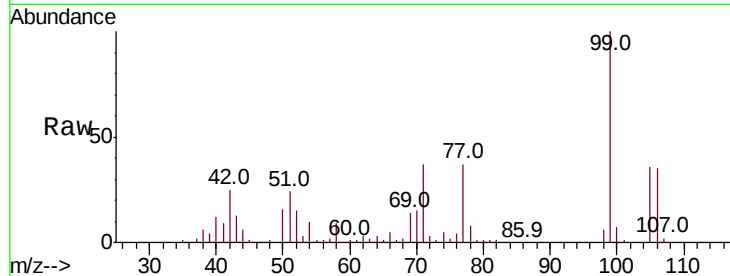
#9
Benzaldehyde
Concen: 39.662 ng
RT: 7.21 min Scan# 667
Delta R.T. -0.00 min
Lab File: BG038373.D
Acq: 6 Dec 2018 00:23

Instrument :
BNA_G
ClientSampleId :
PB115183BSD

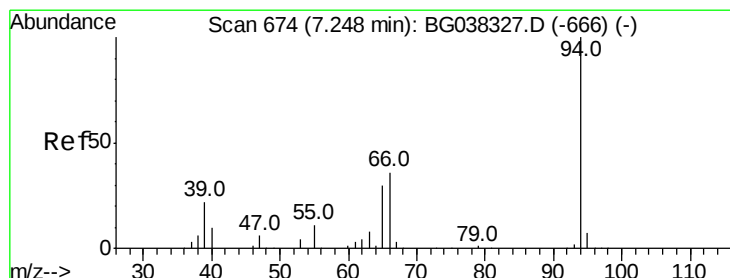
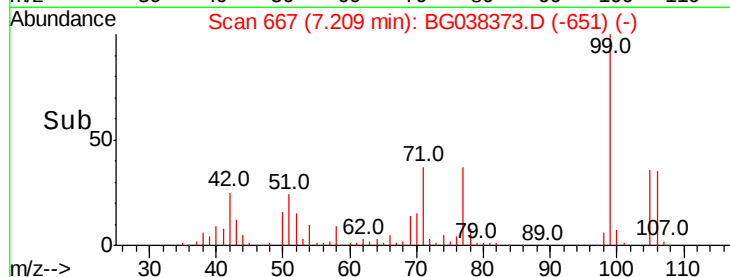
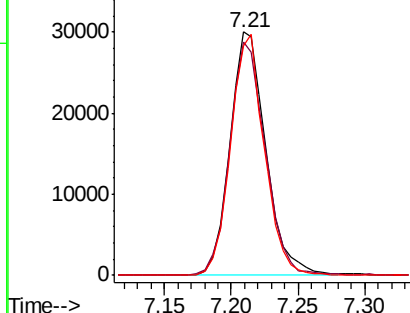
Tot Ion	Ratio	Lower	Upper
77	100		
105	95.8	72.6	112.6
106	94.4	71.3	111.3

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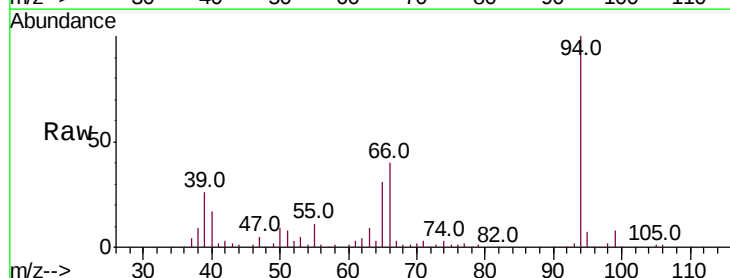


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC

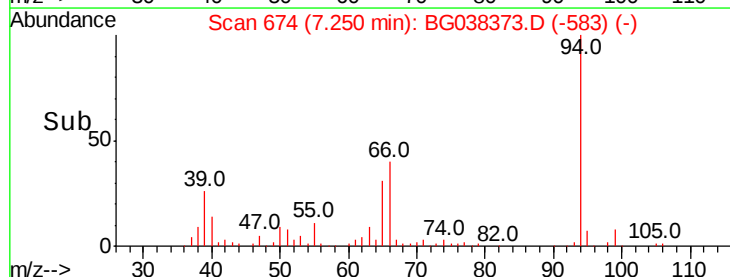
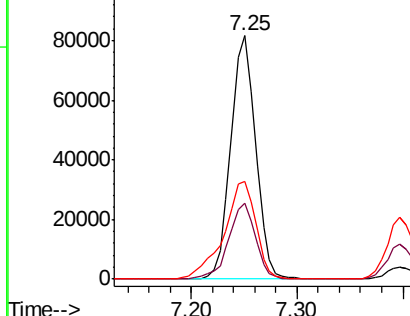


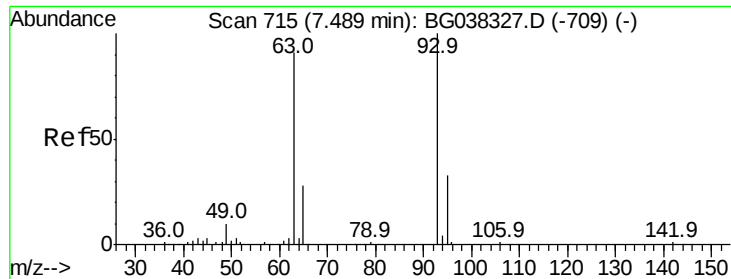
#10
Phenol
Concen: 56.304 ng
RT: 7.25 min Scan# 674
Delta R.T. 0.00 min
Lab File: BG038373.D
Acq: 6 Dec 2018 00:23

Tgt Ion	Ratio	Lower	Upper
94	100		
65	31.1	9.7	49.7
66	40.2	15.9	55.9



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





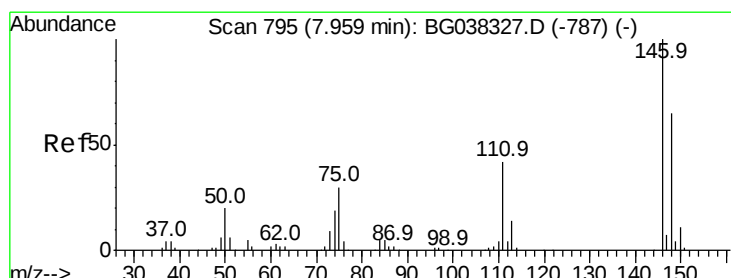
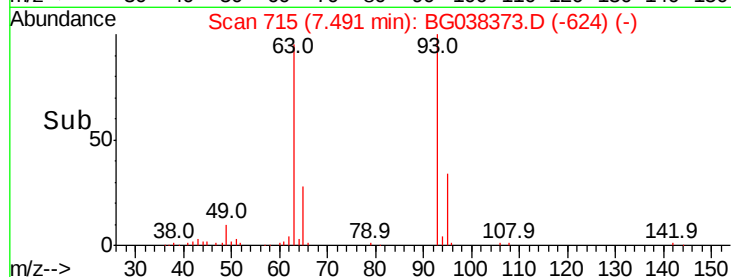
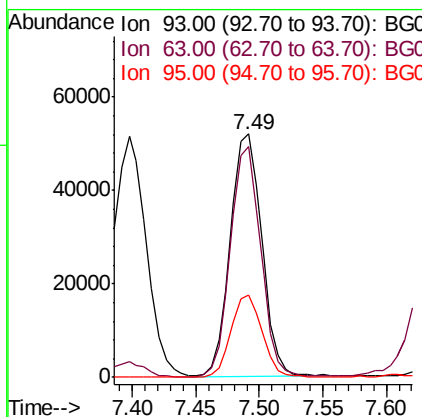
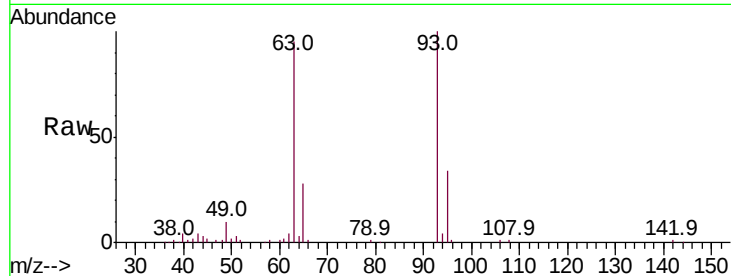
#11
bis(2-Chloroethyl)ether
Concen: 46.581 ng
RT: 7.49 min Scan# 715
Delta R.T. 0.00 min
Lab File: BG038373.D
Acq: 6 Dec 2018 00:23

Instrument :
BNA_G
ClientSampleId :
PB115183BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	94.8	69.5	109.5
95	33.8	12.6	52.6

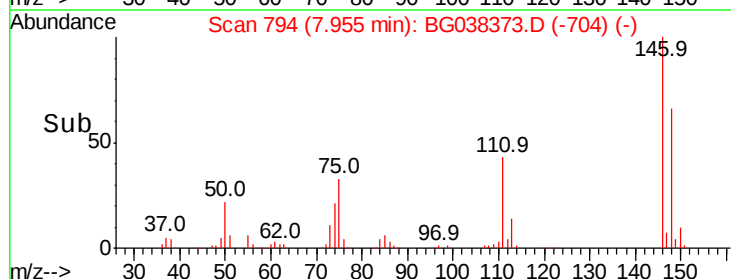
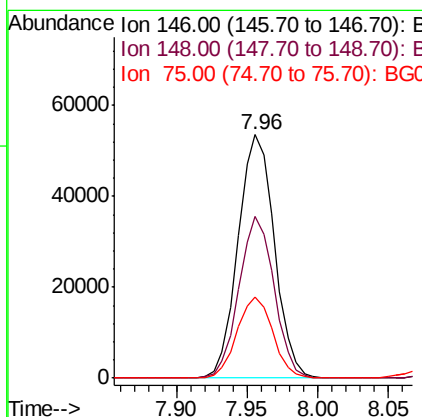
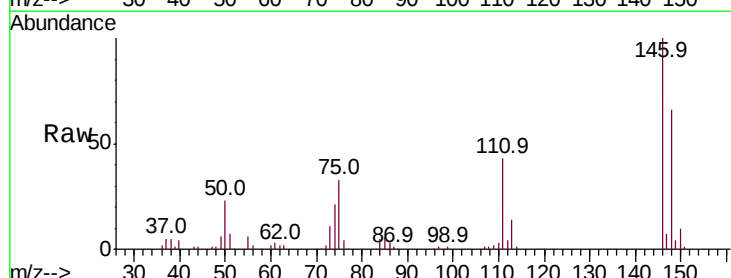
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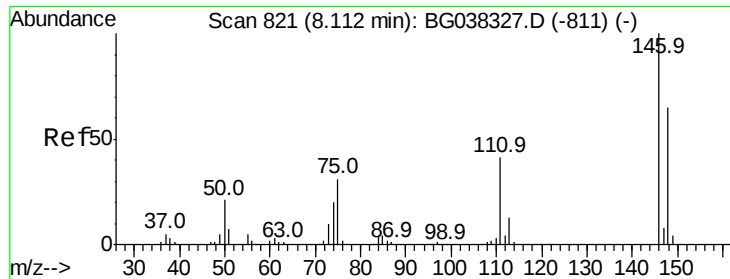
mohammad
12/6/2018 12:10:24 PM



#12
1,3-Dichlorobenzene
Concen: 45.929 ng
RT: 7.96 min Scan# 794
Delta R.T. -0.00 min
Lab File: BG038373.D
Acq: 6 Dec 2018 00:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.2	49.8	74.8
75	33.4	23.2	34.8





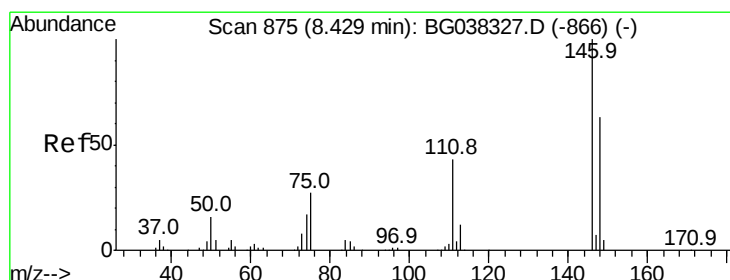
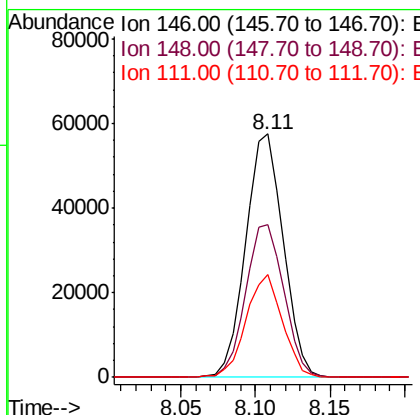
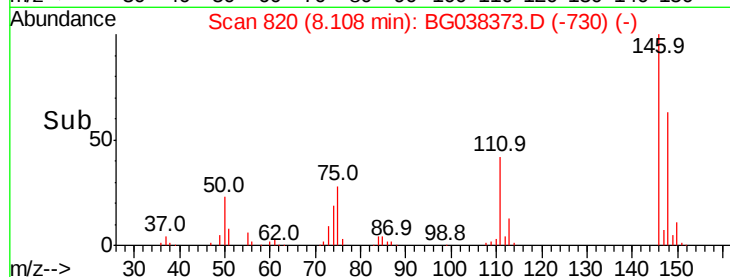
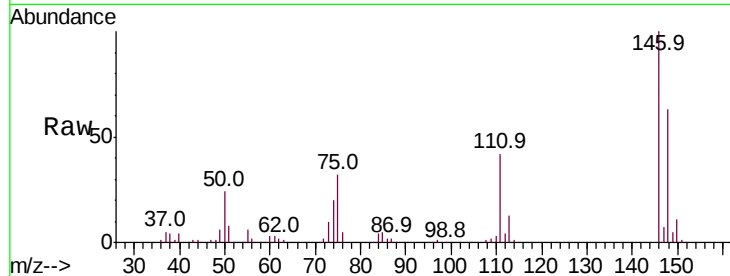
#13
 1,4-Dichlorobenzene
 Concen: 46.071 ng
 RT: 8.11 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BG038373.D
 Acq: 6 Dec 2018 00:23

Instrument :
 BNA_G
 ClientSampleId :
 PB115183BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.7	51.0	76.6
111	42.2	32.4	48.6

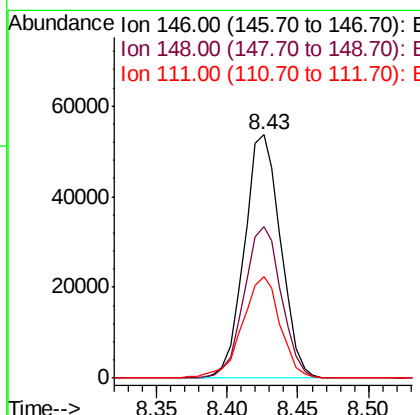
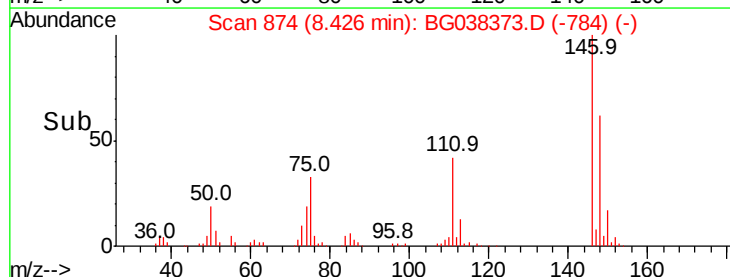
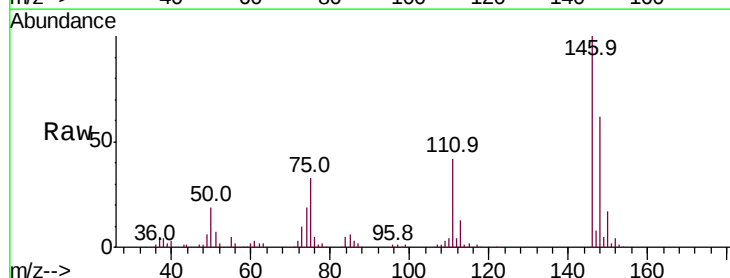
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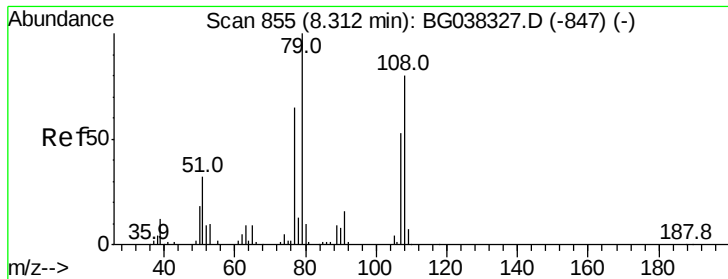
mohammad
 12/6/2018 12:10:24 PM



#14
 1,2-Dichlorobenzene
 Concen: 50.452 ng
 RT: 8.43 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: BG038373.D
 Acq: 6 Dec 2018 00:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.4	50.4	75.6
111	41.7	34.6	51.8





#15

Benzyl Alcohol

Concen: 54.789 ng

RT: 8.31 min Scan# 855

Delta R.T. 0.00 min

Lab File: BG038373.D

Acq: 6 Dec 2018 00:23

Instrument :

BNA_G

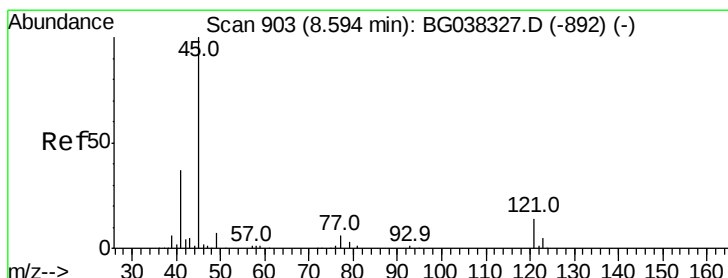
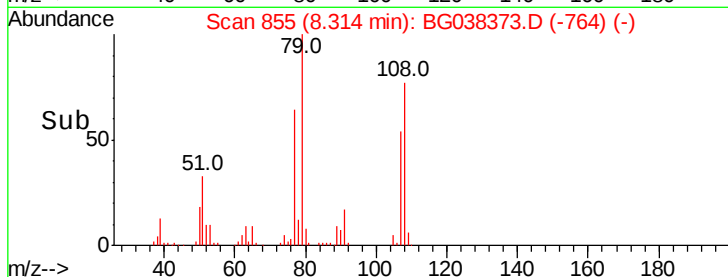
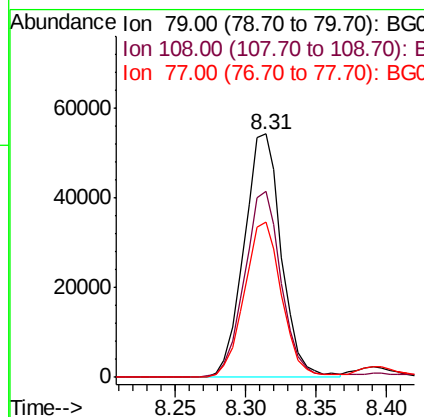
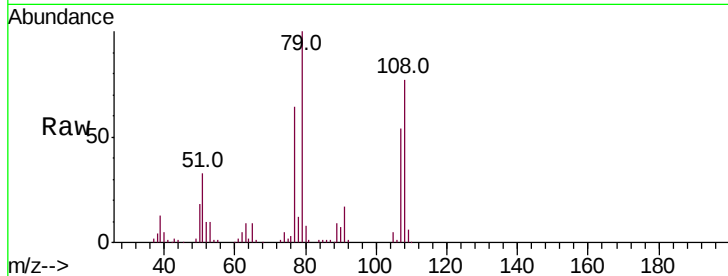
ClientSampleId :

PB115183BSD

Tot Ion:	79	Resp:	100471
Ion Ratio	Lower	Upper	
79	100		
108	76.6	65.8	98.8
77	63.6	52.9	79.3

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#16

2,2'-oxybis(1-chloropropane)

Concen: 46.761 ng

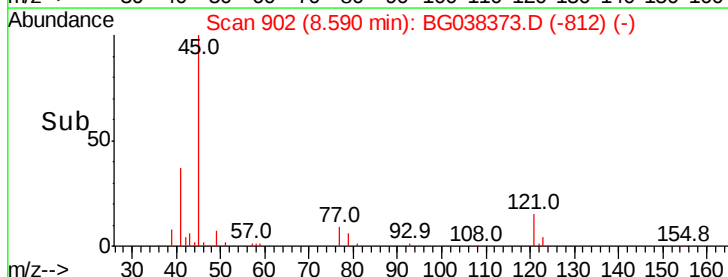
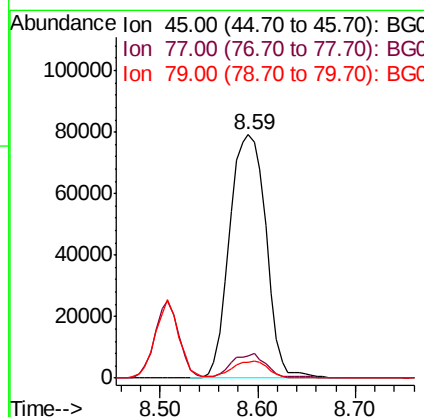
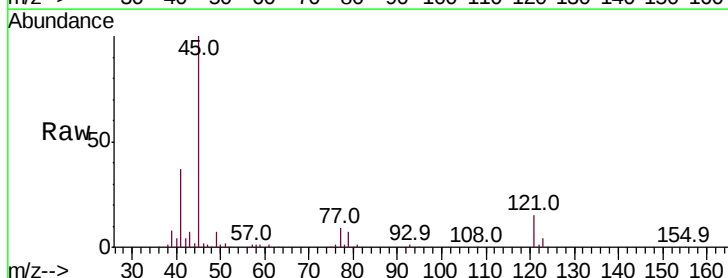
RT: 8.59 min Scan# 902

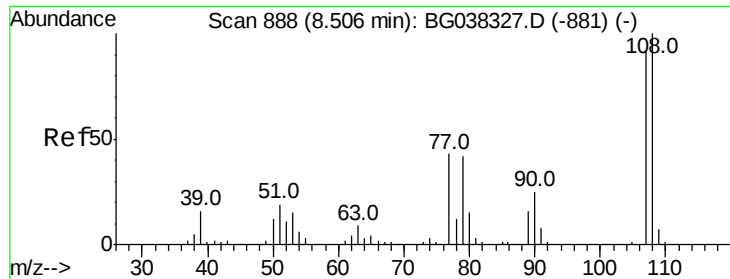
Delta R.T. -0.00 min

Lab File: BG038373.D

Acq: 6 Dec 2018 00:23

Tgt Ion:	45	Resp:	205287
Ion Ratio	Lower	Upper	
45	100		
77	9.3	0.0	30.0
79	6.7	0.0	29.0





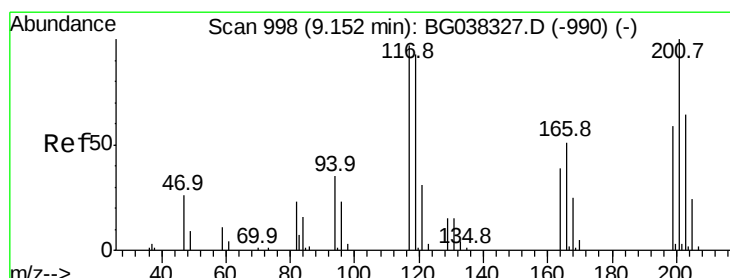
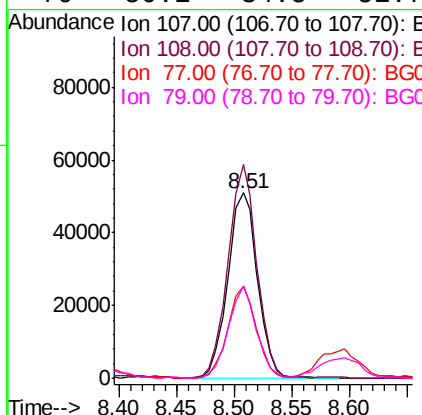
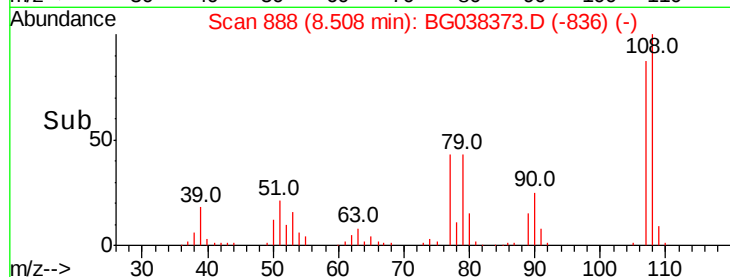
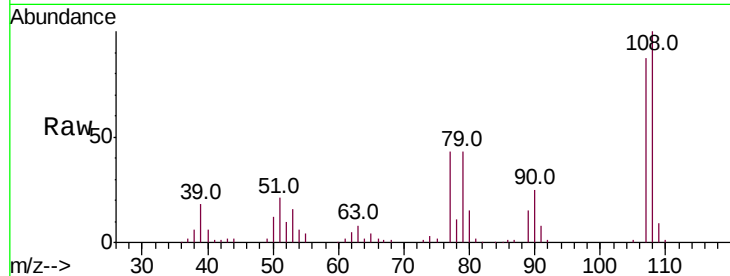
#17
2-Methylphenol
Concen: 57.508 ng
RT: 8.51 min Scan# 888
Delta R.T. 0.00 min
Lab File: BG038373.D
Acq: 6 Dec 2018 00:23

Instrument :
BNA_G
ClientSampleId :
PB115183BSD

Tot Ion	107	Resp	90651
Ion Ratio	Lower	Upper	
107	100		
108	115.4	87.9	131.9
77	49.7	35.1	52.7
79	50.1	34.5	51.7

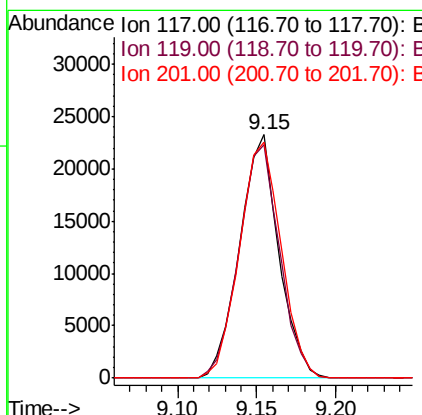
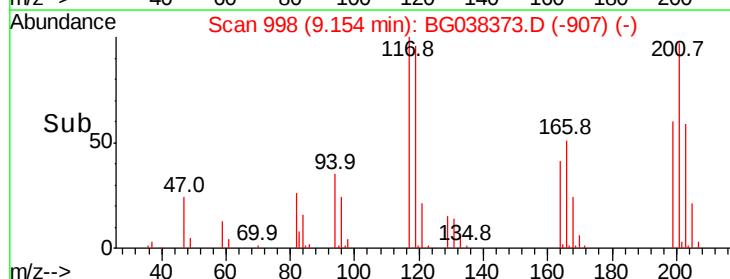
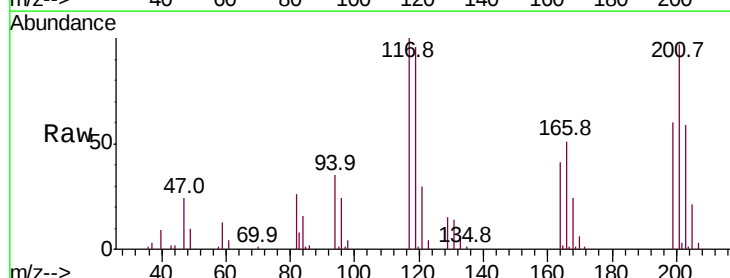
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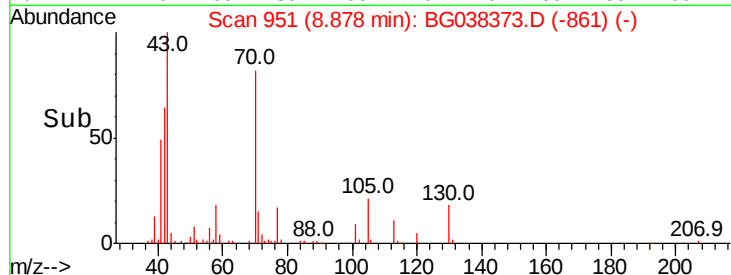
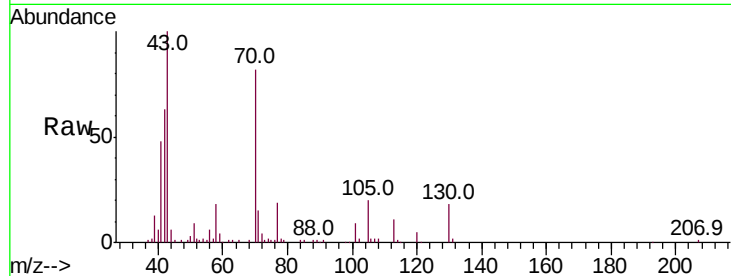
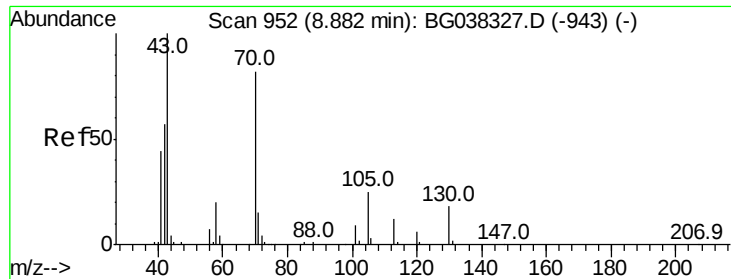
mohammad
12/6/2018 12:10:24 PM



#18
Hexachloroethane
Concen: 51.061 ng
RT: 9.15 min Scan# 998
Delta R.T. 0.00 min
Lab File: BG038373.D
Acq: 6 Dec 2018 00:23

Tgt Ion	117	Resp	39943
Ion Ratio	Lower	Upper	
117	100		
119	95.8	74.6	111.8
201	99.8	80.8	121.2





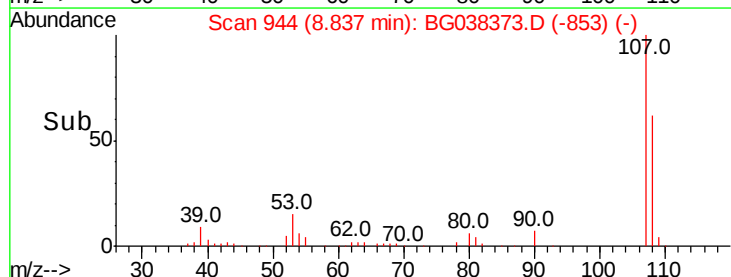
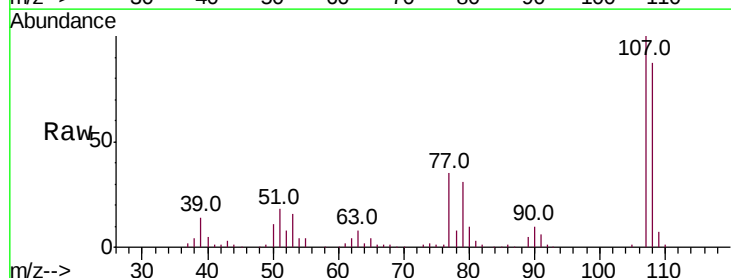
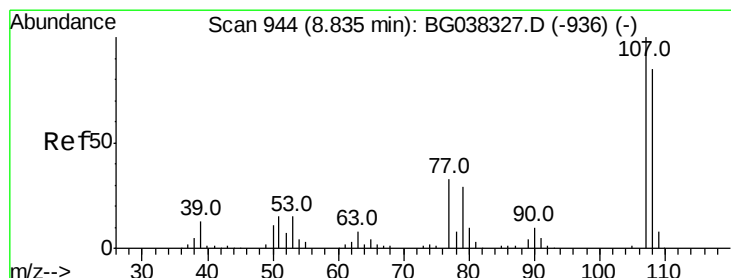
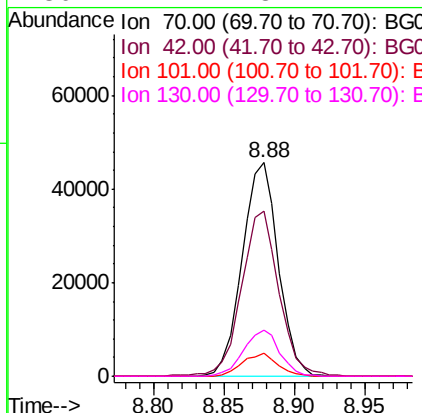
#19
n-Nitroso-di-n-propylamine
Concen: 50.596 ng
RT: 8.88 min Scan# 951
Delta R.T. -0.00 min
Lab File: BG038373.D
Acq: 6 Dec 2018 00:23

Instrument :
BNA_G
ClientSampleId :
PB115183BSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	77.3	53.9	80.9	
101	11.0	8.2	12.2	
130	21.7	18.2	27.4	

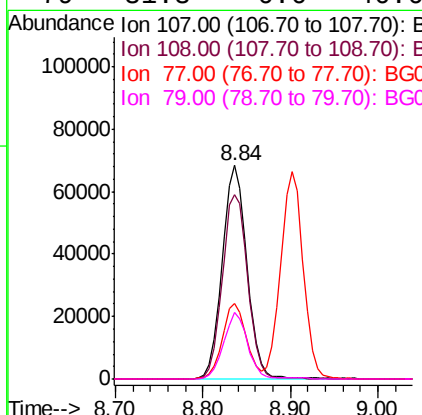
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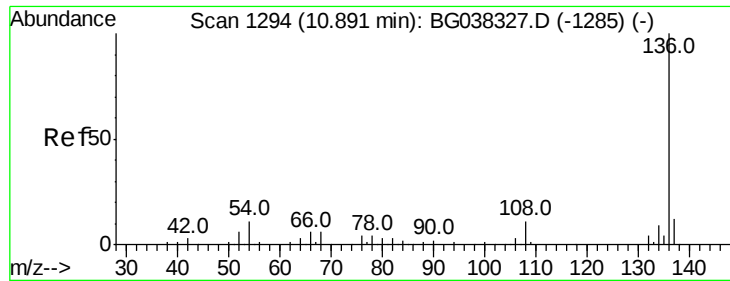
mohammad
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#20
3+4-Methylphenols
Concen: 55.905 ng
RT: 8.84 min Scan# 944
Delta R.T. 0.00 min
Lab File: BG038373.D
Acq: 6 Dec 2018 00:23

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.5	69.9	109.9	
77	35.3	11.2	51.2	
79	31.3	6.6	46.6	





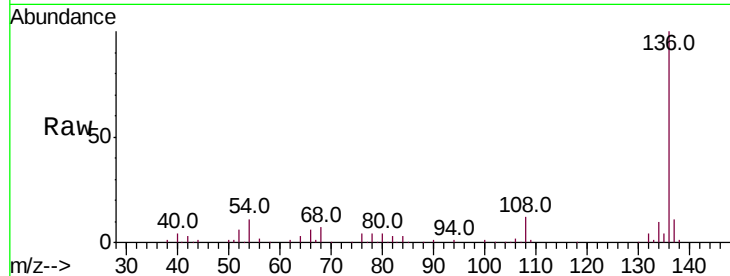
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BG038373.D
Acq: 6 Dec 2018 00:23

Instrument :
BNA_G
ClientSampleID :
PB115183BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	130170		
137	11.4		9.6	14.4
54	11.4		7.9	11.9
68	6.9		4.8	7.2

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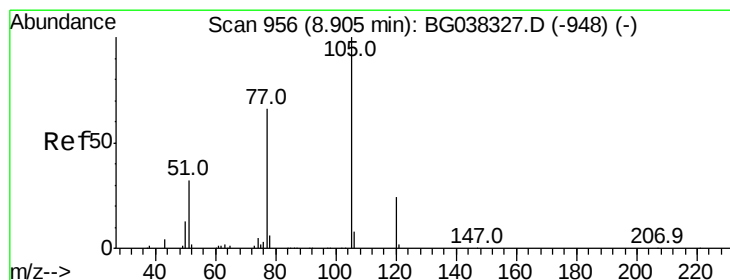
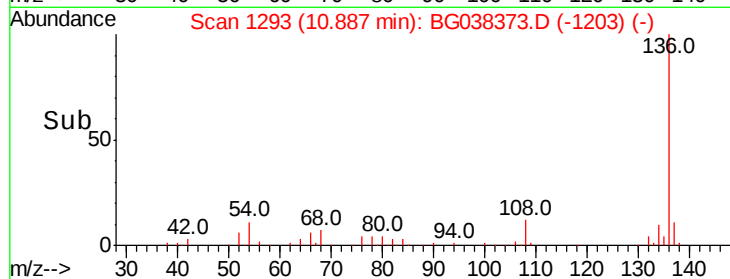
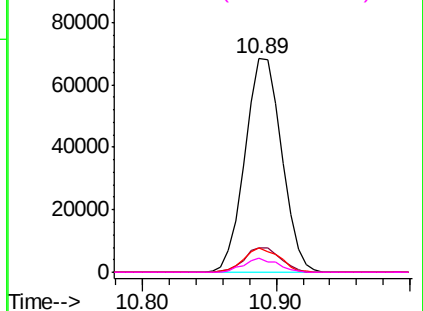
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 49.654 ng
RT: 8.90 min Scan# 955
Delta R.T. -0.00 min
Lab File: BG038373.D
Acq: 6 Dec 2018 00:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	154046		
71	0.8		1.2	1.8#
51	36.0		25.0	37.6
120	22.4		18.6	28.0

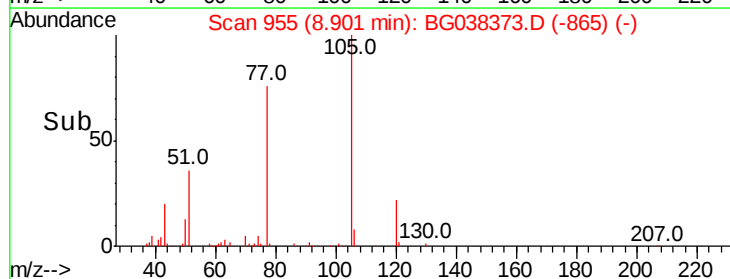
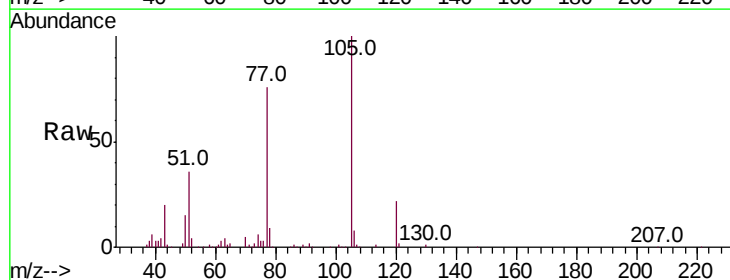
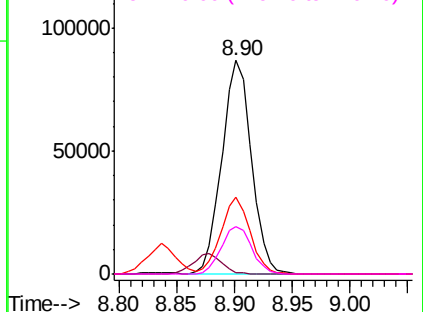
Abundance

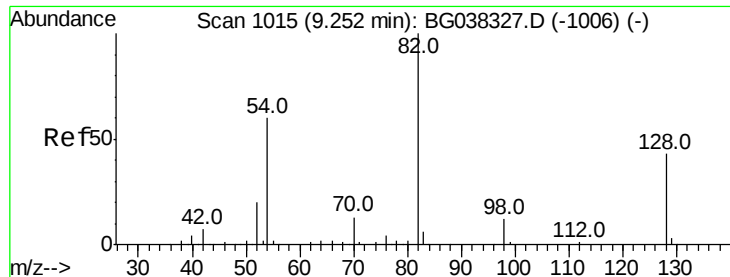
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





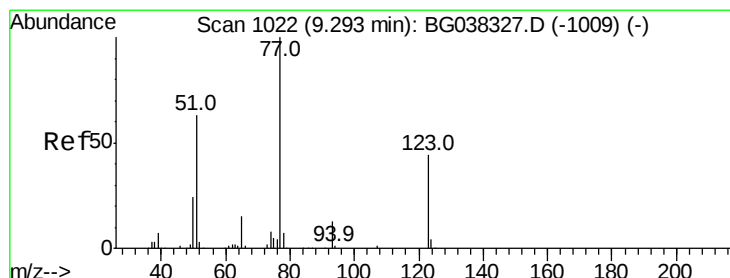
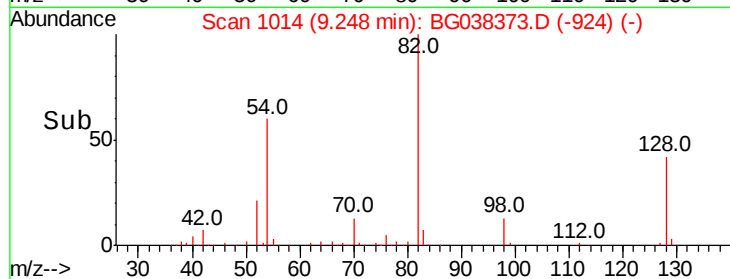
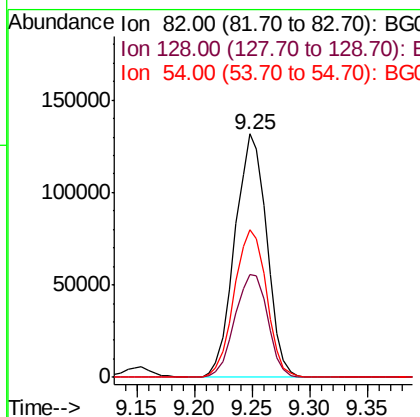
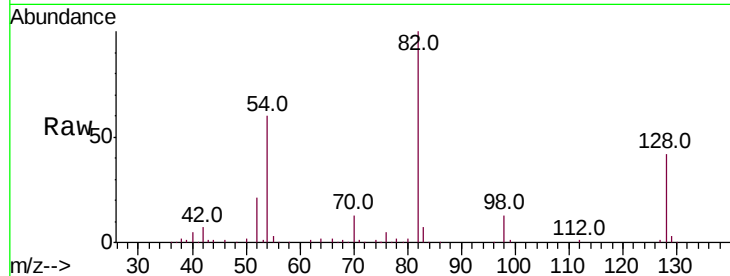
#23
Nitrobenzene-d5
Concen: 96.081 ng
RT: 9.25 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BG038373.D
Acq: 6 Dec 2018 00:23

Instrument :
BNA_G
ClientSampleId :
PB115183BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	251911		
128	42.4	34.6	51.8	
54	60.4	45.3	67.9	

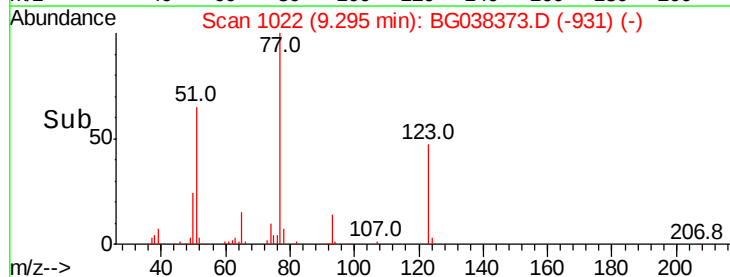
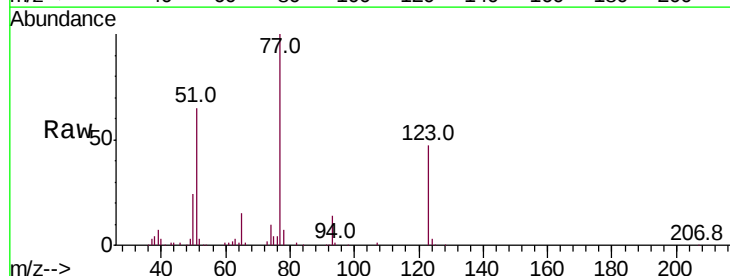
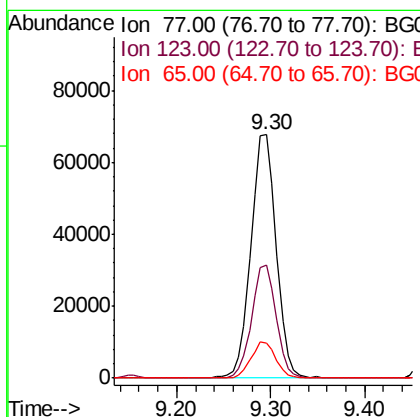
Manual Integrations
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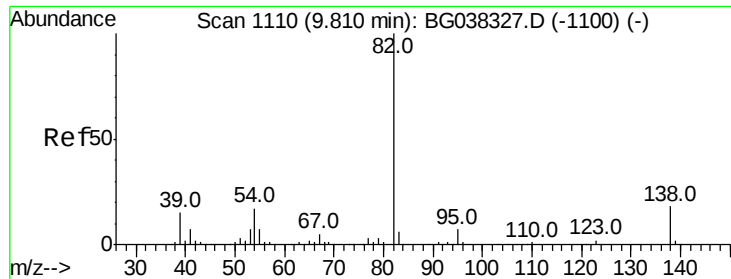
mohammad
12/6/2018 12:10:24 PM



#24
Nitrobenzene
Concen: 47.475 ng
RT: 9.30 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BG038373.D
Acq: 6 Dec 2018 00:23

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	126462		
123	46.5	33.6	50.4	
65	14.6	11.3	16.9	





#25

Isophorone

Concen: 71.564 ng

RT: 9.81 min Scan# 1109

Delta R.T. -0.00 min

Lab File: BG038373.D

Acq: 6 Dec 2018 00:23

Instrument :

BNA_G

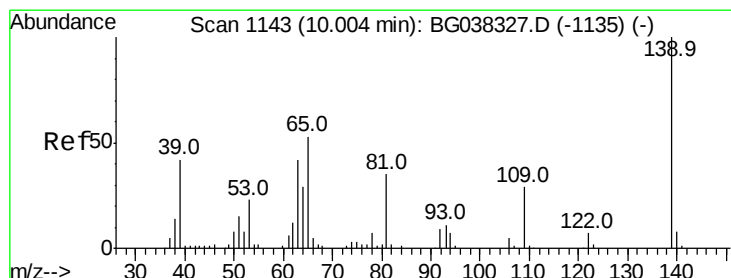
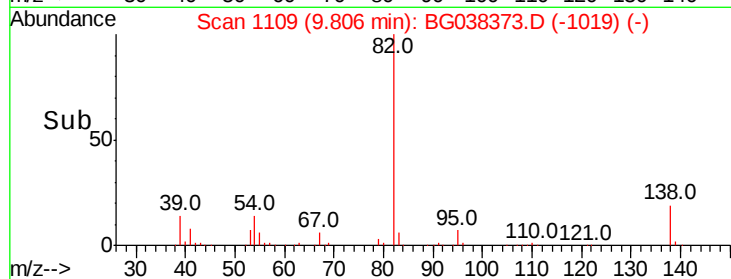
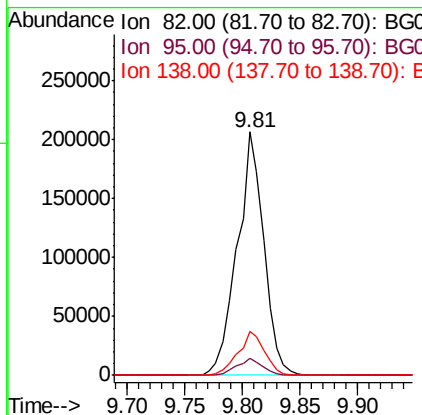
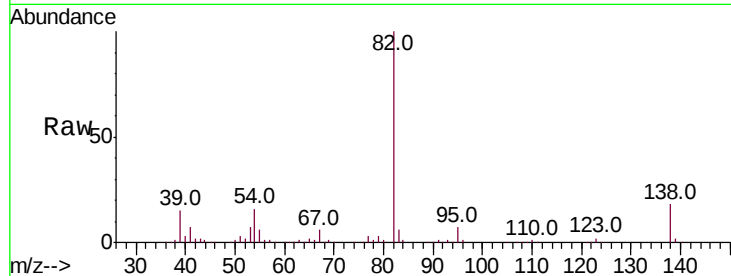
ClientSampleId :

PB115183BSD

Tot Ion:	82	Resp:	329738
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.3	7.9
138	17.9	13.3	19.9

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#26

2-Nitrophenol

Concen: 63.681 ng

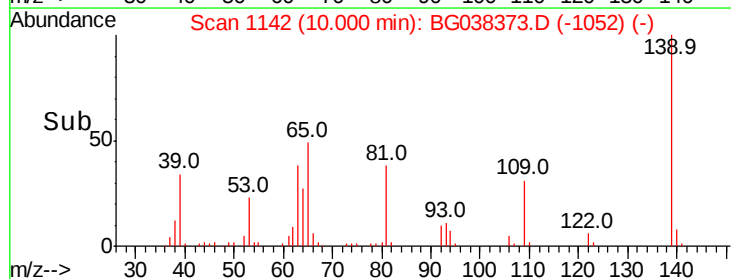
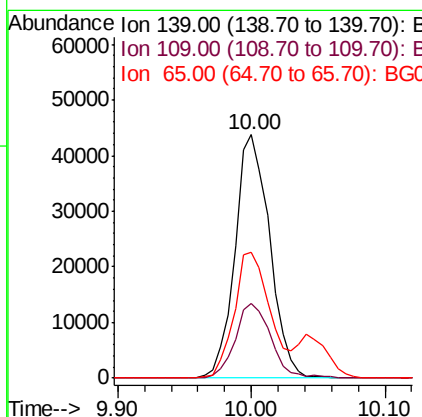
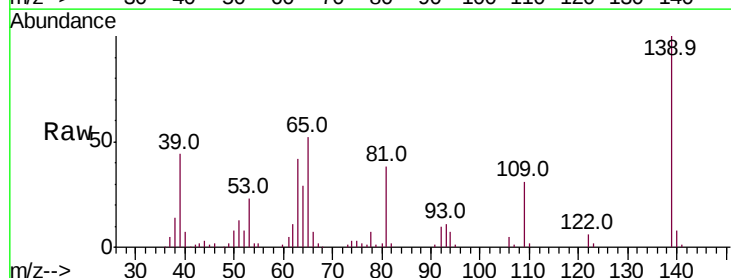
RT: 10.00 min Scan# 1142

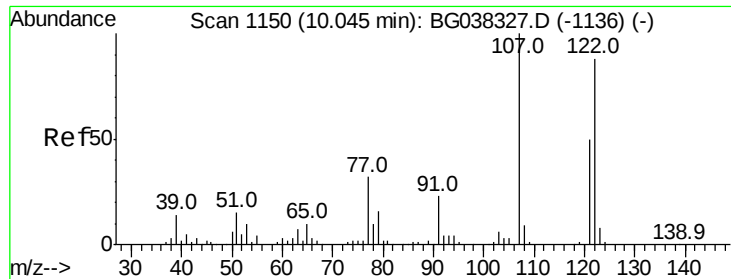
Delta R.T. -0.00 min

Lab File: BG038373.D

Acq: 6 Dec 2018 00:23

Tgt Ion:	139	Resp:	78598
Ion Ratio	Lower	Upper	
139	100		
109	30.8	23.3	34.9
65	51.8	39.8	59.8





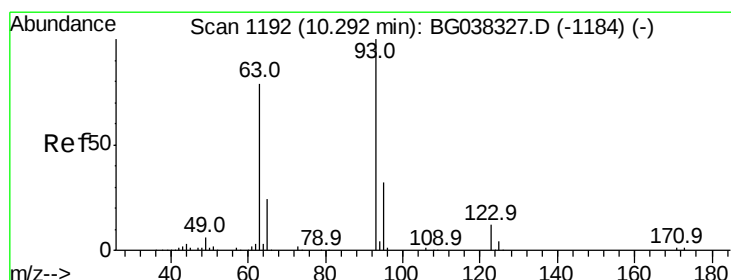
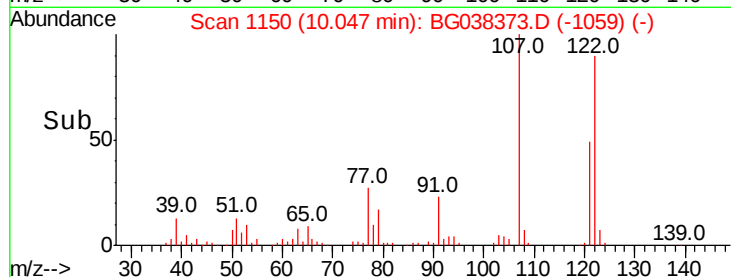
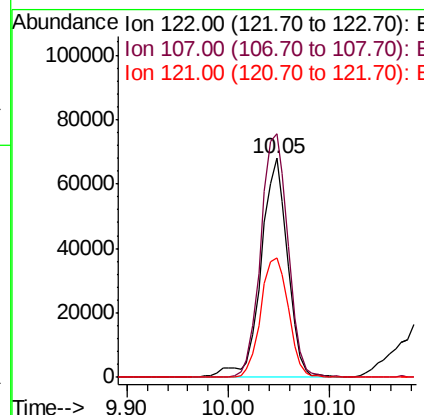
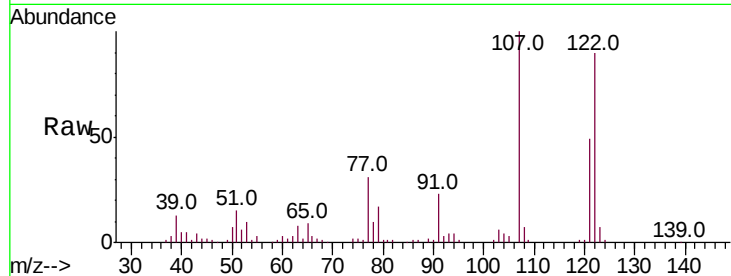
#27
2,4-Dimethylphenol
Concen: 69.785 ng
RT: 10.05 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BG038373.D
Acq: 6 Dec 2018 00:23

Instrument :
BNA_G
ClientSampleId :
PB115183BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.1	94.2	141.2
121	54.2	47.3	70.9

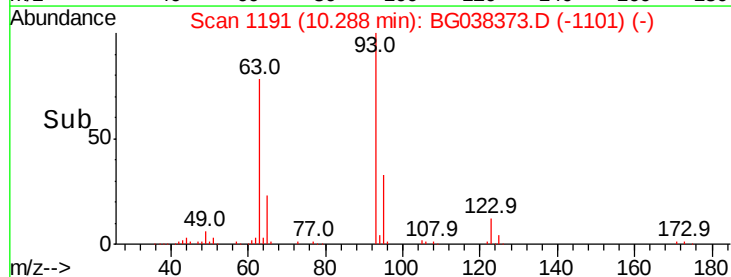
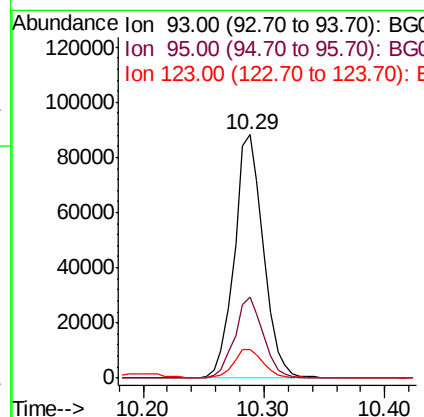
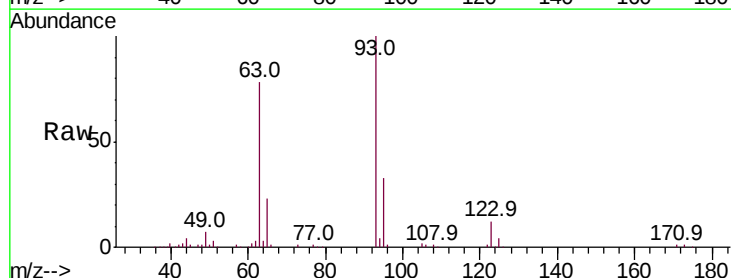
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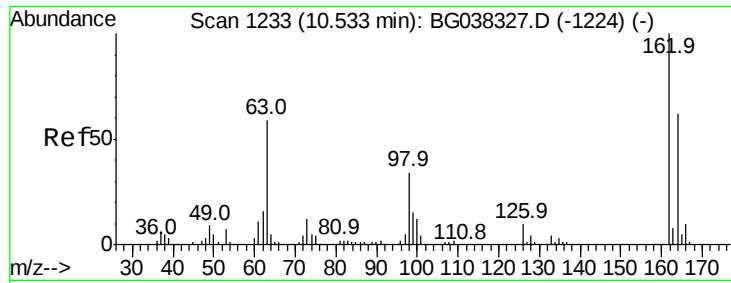
mohammad
12/6/2018 12:10:24 PM



#28
bis(2-Chloroethoxy)methane
Concen: 55.820 ng
RT: 10.29 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BG038373.D
Acq: 6 Dec 2018 00:23

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	24.6	37.0
123	11.7	9.1	13.7





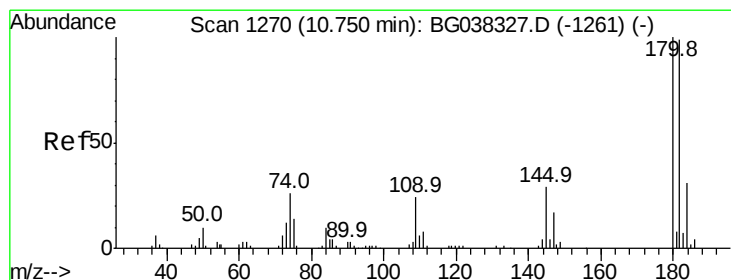
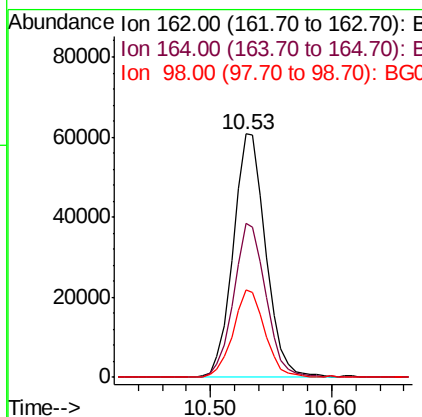
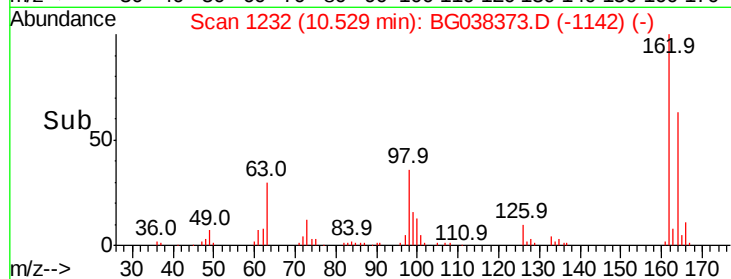
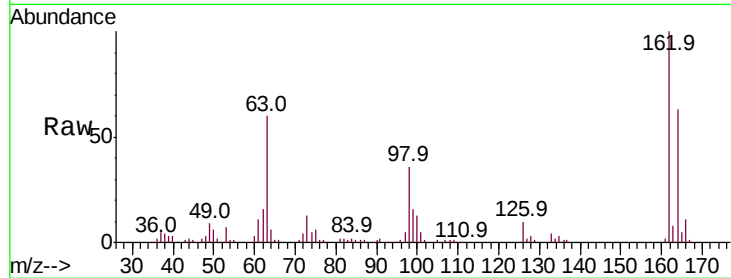
#29
 2,4-Dichlorophenol
 Concen: 56.280 ng
 RT: 10.53 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BG038373.D
 Acq: 6 Dec 2018 00:23

Instrument :
 BNA_G
 ClientSampleId :
 PB115183BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	113891		
164	63.0	43.2	83.2	
98	35.9	16.0	56.0	

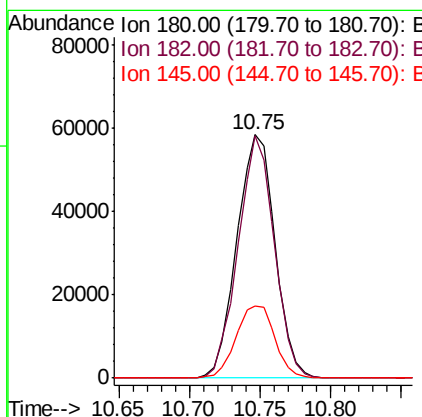
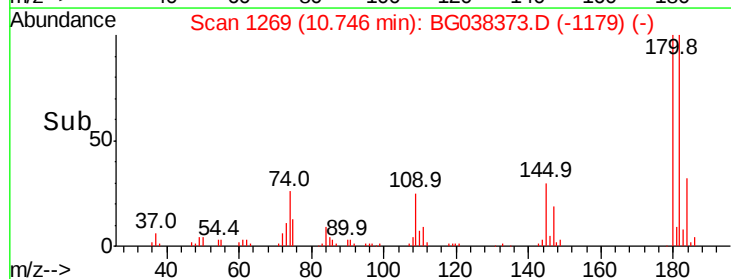
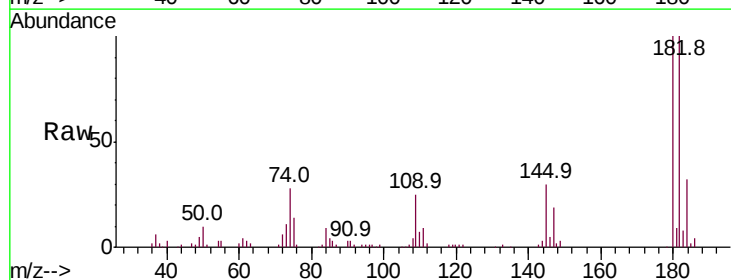
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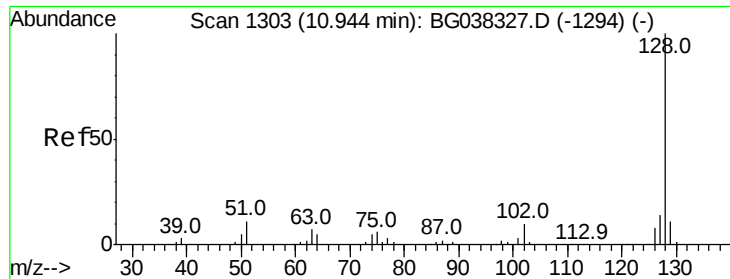
mohammad
 12/6/2018 12:10:24 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 46.367 ng
 RT: 10.75 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: BG038373.D
 Acq: 6 Dec 2018 00:23

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	110147		
182	99.7	77.7	116.5	
145	29.7	23.3	34.9	





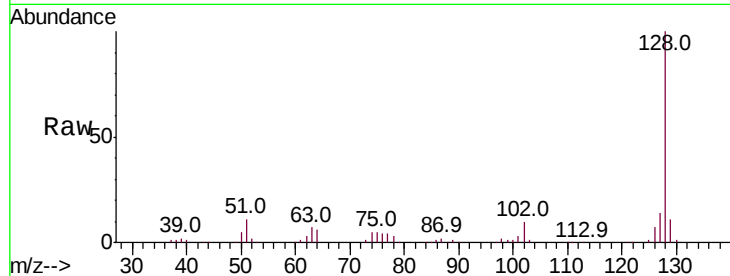
#31
Naphthalene
Concen: 50.460 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BG038373.D
Acq: 6 Dec 2018 00:23

Instrument :
BNA_G
ClientSampleId :
PB115183BSD

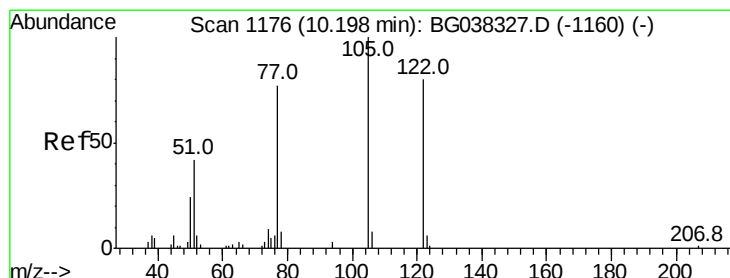
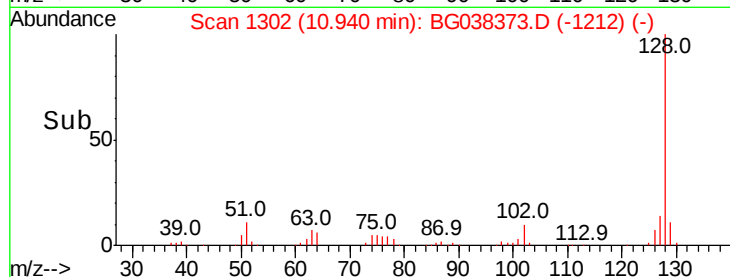
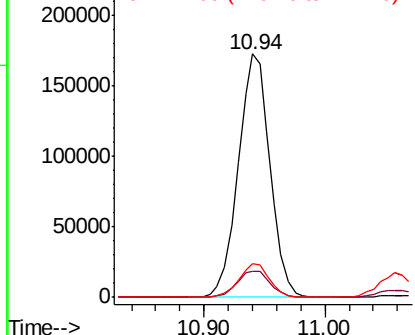
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.0	13.6
127	13.9	11.1	16.7

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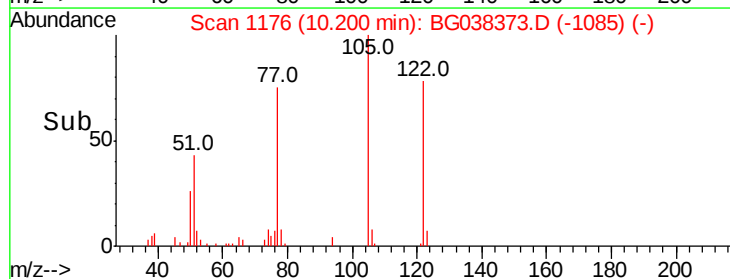
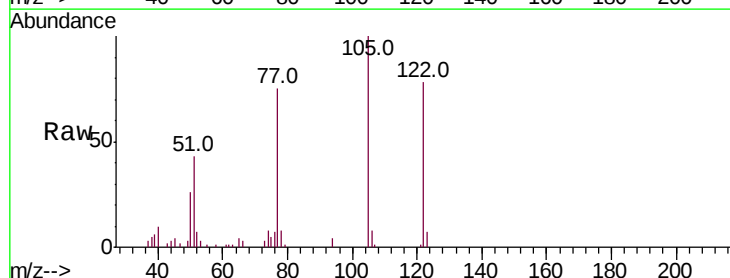
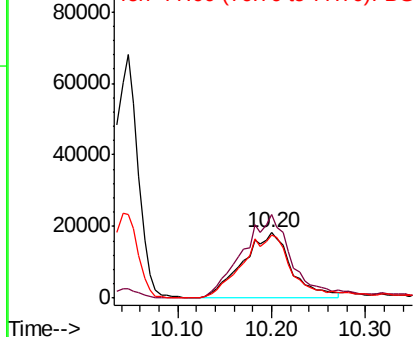
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

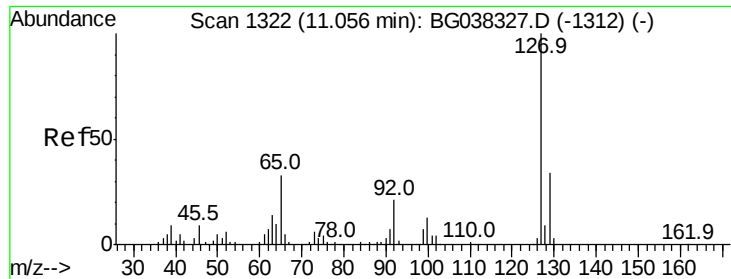


#32
Benzoic acid
Concen: 52.369 ng
RT: 10.20 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BG038373.D
Acq: 6 Dec 2018 00:23

Tgt Ion	Ratio	Lower	Upper
122	100		
105	128.1	106.7	146.7
77	96.3	72.2	112.2

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





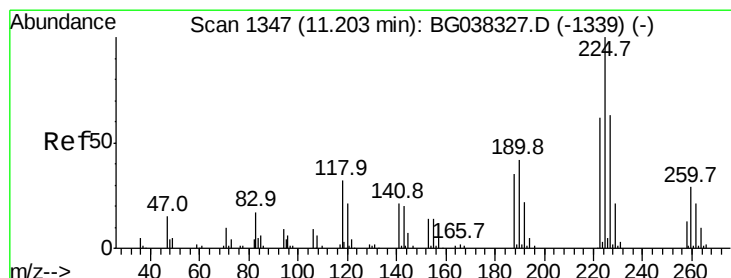
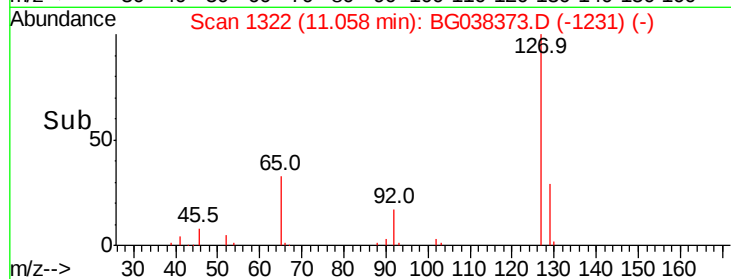
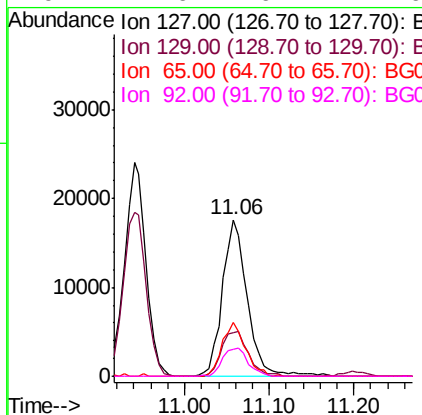
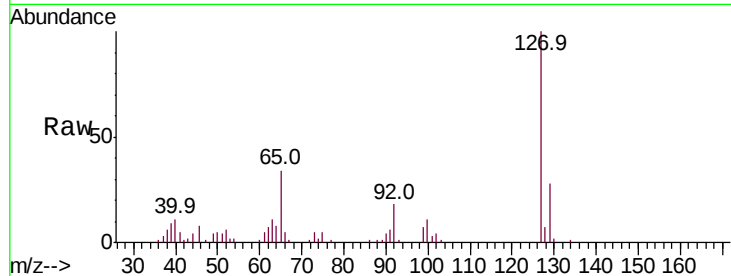
#33
4-Chloroaniline
Concen: 13.043 ng
RT: 11.06 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BG038373.D
Acq: 6 Dec 2018 00:23

Instrument :
BNA_G
ClientSampleId :
PB115183BSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	27.6	27.1	40.7
65	34.2	26.6	39.8
92	17.6	16.4	24.6

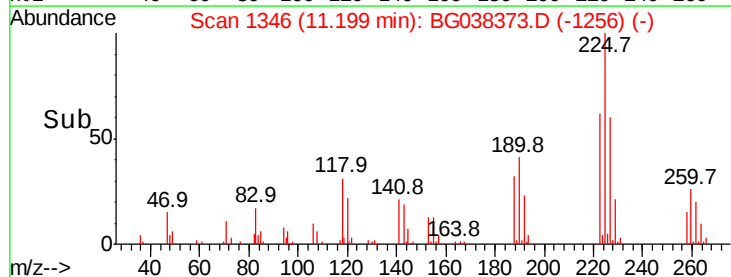
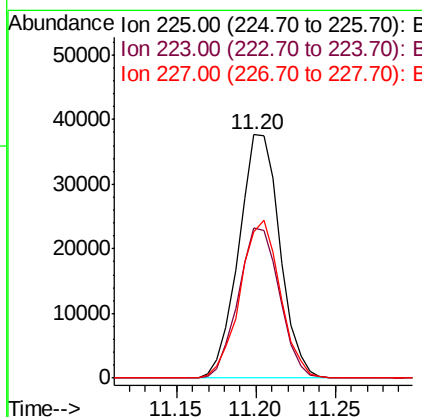
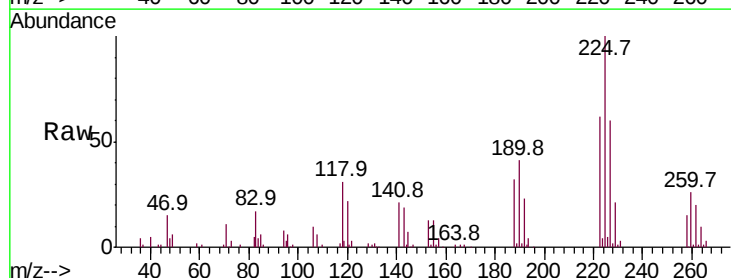
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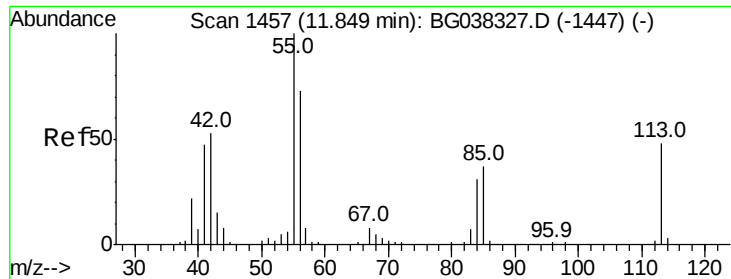
mohammad
12/6/2018 12:10:24 PM



#34
Hexachlorobutadiene
Concen: 45.732 ng
RT: 11.20 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BG038373.D
Acq: 6 Dec 2018 00:23

Tgt Ion	Ratio	Lower	Upper
225	100		
223	58.8	48.2	72.4
227	59.5	51.6	77.4





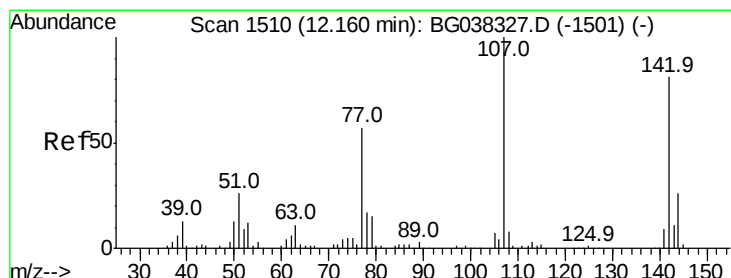
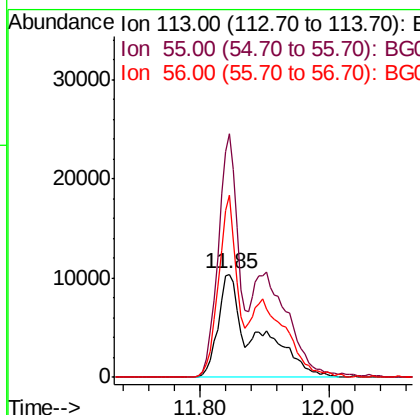
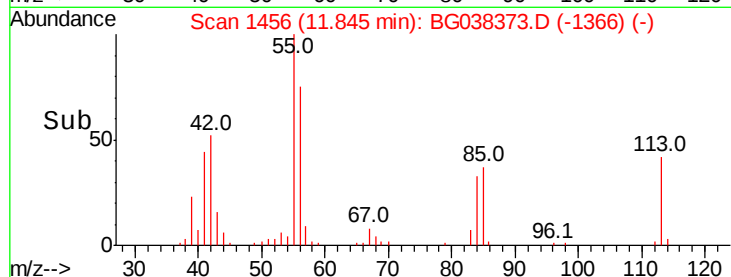
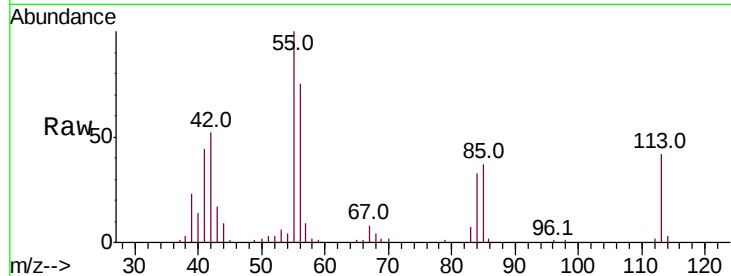
#35
 Caprolactam
 Concen: 50.038 ng/ml
 RT: 11.85 min Scan# 1456
 Delta R.T. -0.00 min
 Lab File: BG038373.D
 Acq: 6 Dec 2018 00:23

Instrument :
 BNA_G
 ClientSampleId :
 PB115183BSD

Tot Ion:113 Resp: 41874
 Ion Ratio Lower Upper
 113 100
 55 236.8 176.6 216.6#
 56 176.7 128.3 168.3#

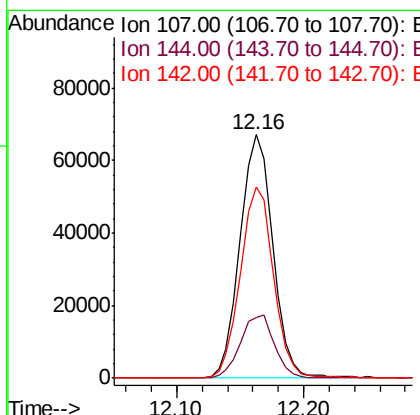
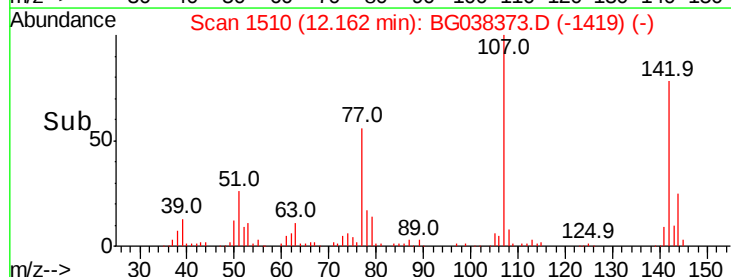
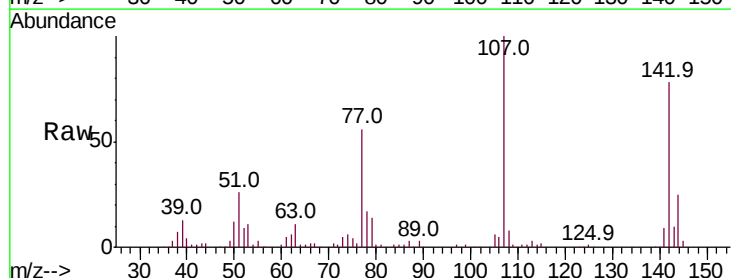
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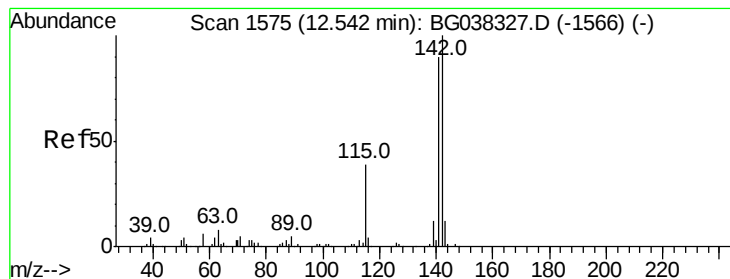
mohammad
 12/6/2018 12:10:24 PM



#36
 4-Chloro-3-methylphenol
 Concen: 53.858 ng
 RT: 12.16 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: BG038373.D
 Acq: 6 Dec 2018 00:23

Tgt Ion:107 Resp: 121095
 Ion Ratio Lower Upper
 107 100
 144 24.8 20.7 31.1
 142 78.3 64.4 96.6





#37

2-Methylnaphthalene

Concen: 54.036 ng

RT: 12.54 min Scan# 1574

Delta R.T. -0.00 min

Lab File: BG038373.D

Acq: 6 Dec 2018 00:23

Instrument :

BNA_G

ClientSampleId :

PB115183BSD

Tot Ion:142 Resp: 239274

Ion Ratio Lower Upper

142 100

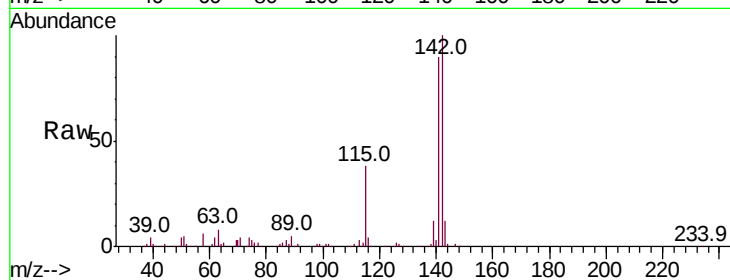
141 89.8 71.9 107.9

115 38.1 27.8 41.8

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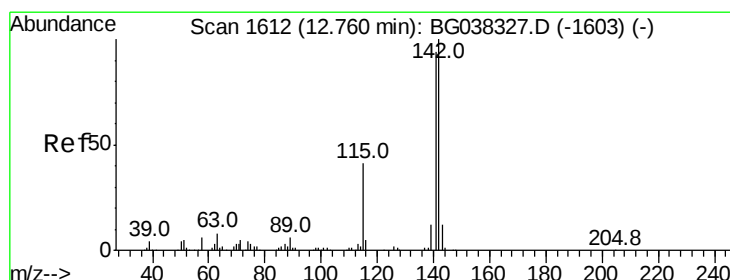
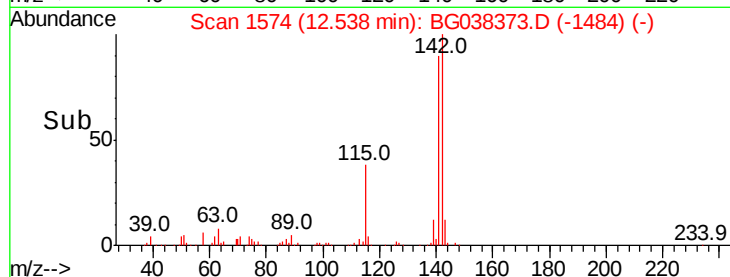
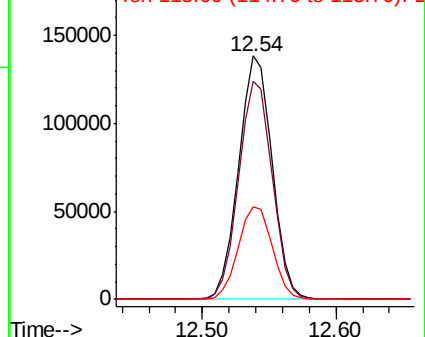
12/6/2018 12:10:24 PM



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: 53.831 ng

RT: 12.76 min Scan# 1612

Delta R.T. 0.00 min

Lab File: BG038373.D

Acq: 6 Dec 2018 00:23

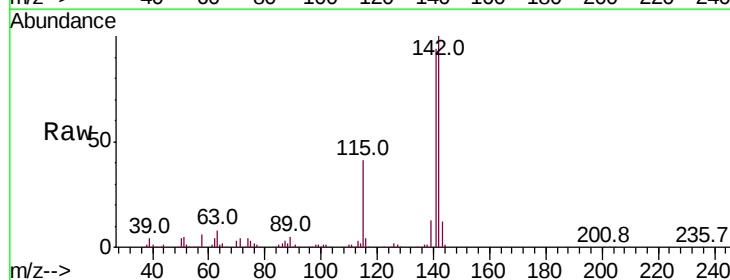
Tgt Ion:142 Resp: 228302

Ion Ratio Lower Upper

142 100

141 94.0 75.2 112.8

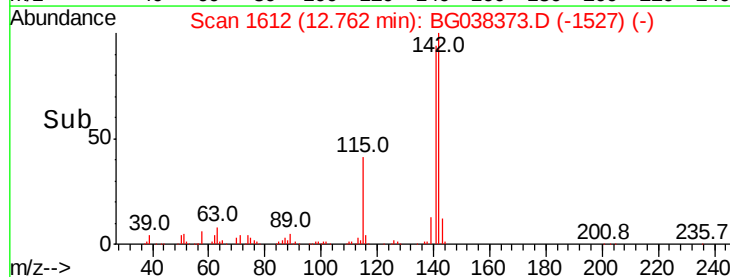
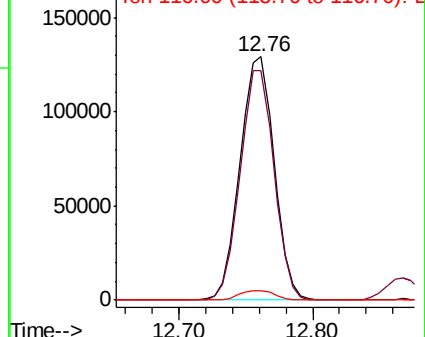
116 4.1 3.3 4.9

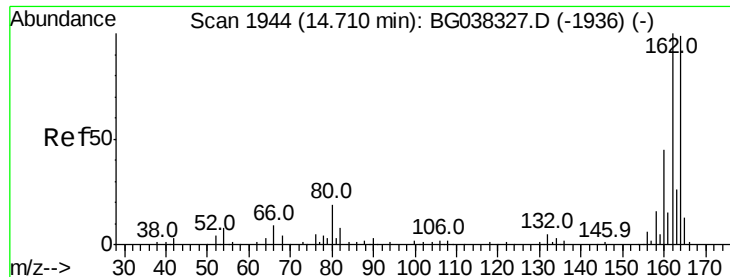


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





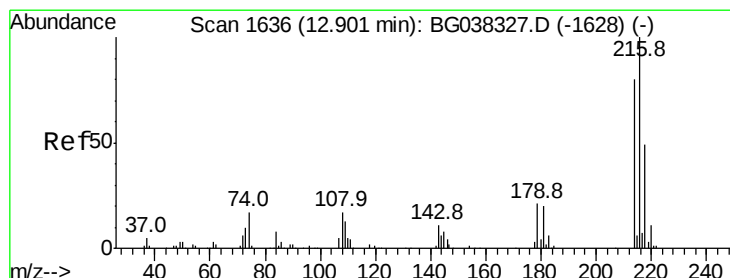
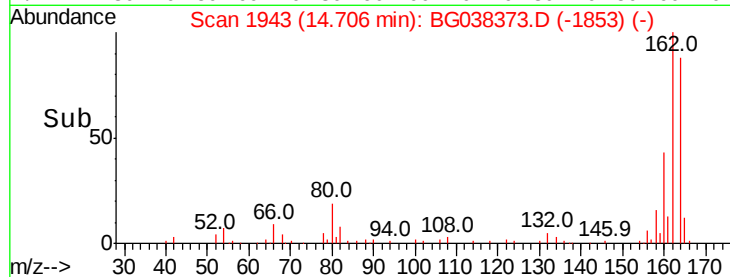
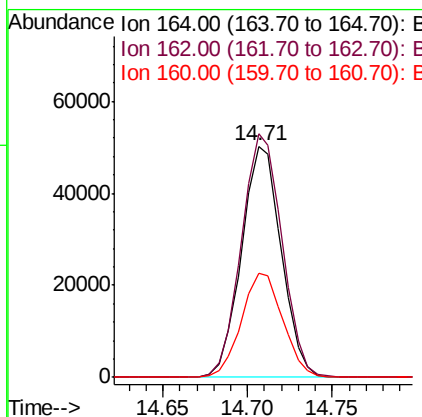
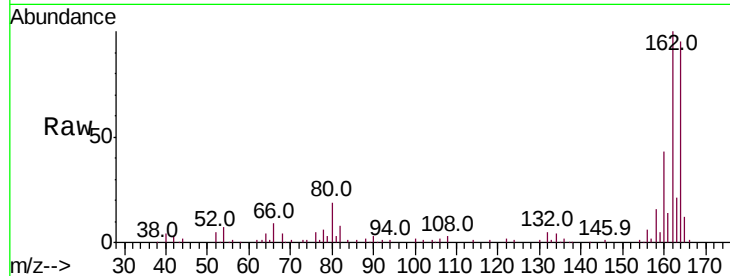
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.71 min Scan# 1943
Delta R.T. -0.00 min
Lab File: BG038373.D
Acq: 6 Dec 2018 00:23

Instrument :
BNA_G
ClientSampleId :
PB115183BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.4	81.3	121.9
160	45.2	36.3	54.5

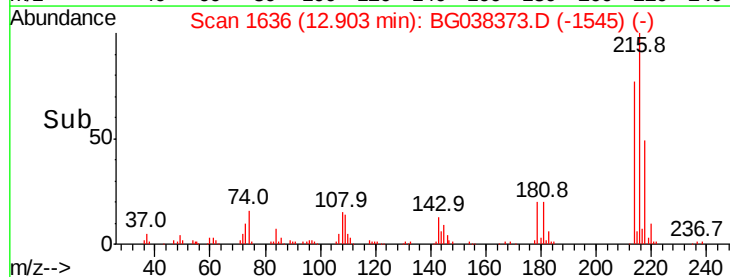
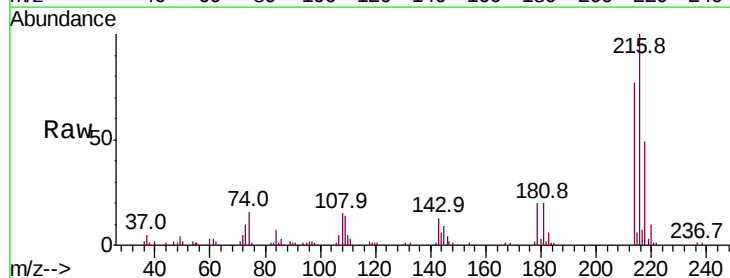
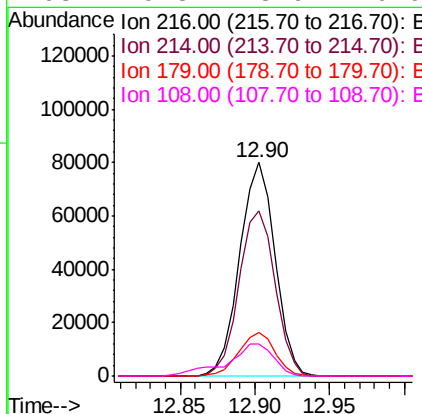
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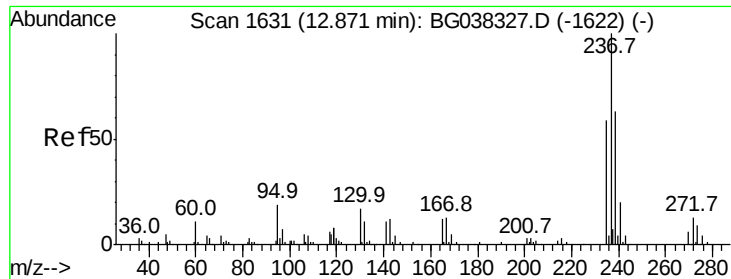
mohammad
12/6/2018 12:10:24 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.413 ng
RT: 12.90 min Scan# 1636
Delta R.T. 0.00 min
Lab File: BG038373.D
Acq: 6 Dec 2018 00:23

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.8	95.6
179	20.5	17.4	26.0
108	19.8	13.9	20.9





#41

Hexachlorocyclopentadiene

Concen: 111.719 ng

RT: 12.87 min Scan# 1630

Delta R.T. -0.00 min

Lab File: BG038373.D

Acq: 6 Dec 2018 00:23

Instrument :

BNA_G

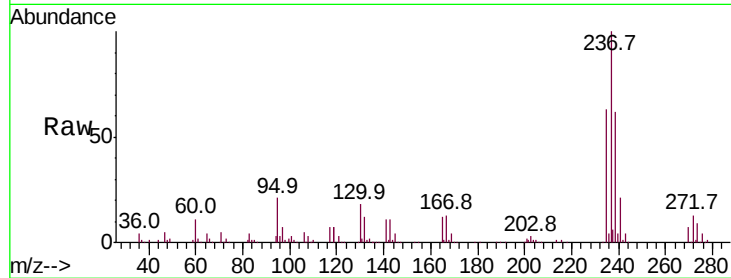
ClientSampleId :

PB115183BSD

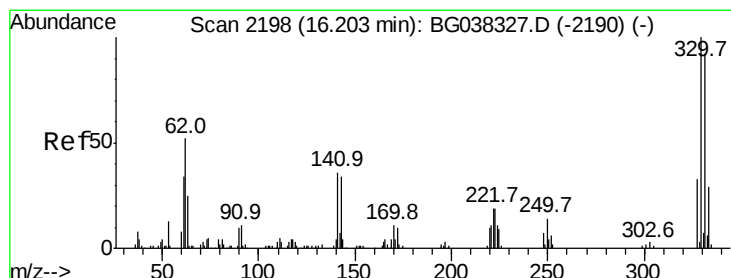
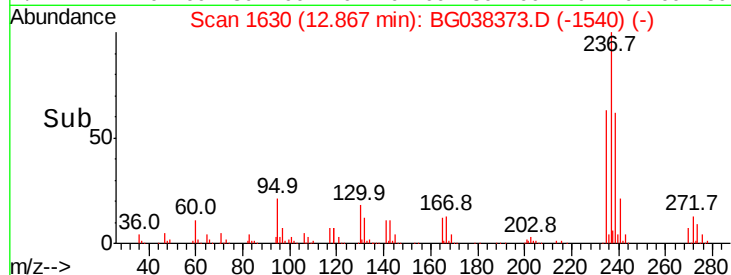
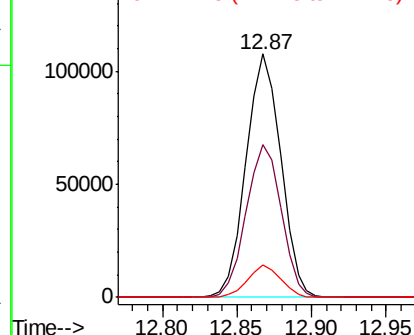
Tot Ion:	237	Resp:	173809
Ion Ratio	Lower	Upper	
237	100		
235	62.6	42.5	82.5
272	13.1	0.0	31.6

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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: 111.039 ng

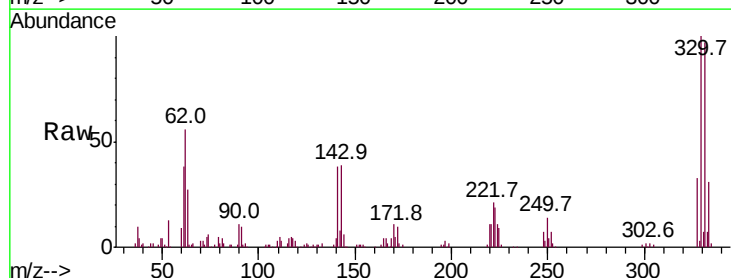
RT: 16.20 min Scan# 2197

Delta R.T. -0.00 min

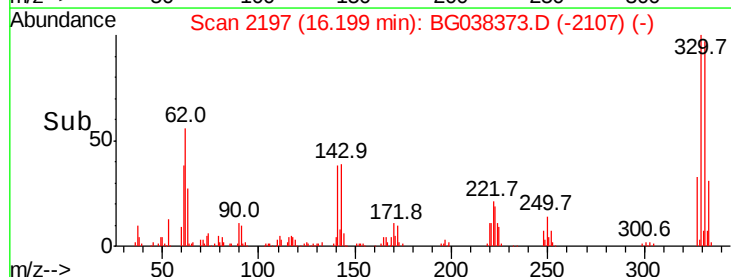
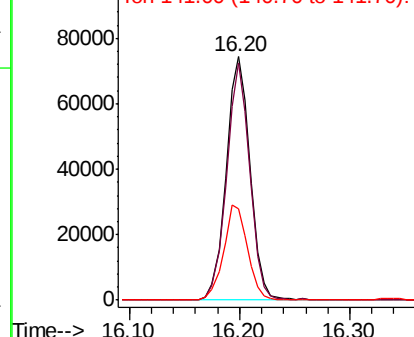
Lab File: BG038373.D

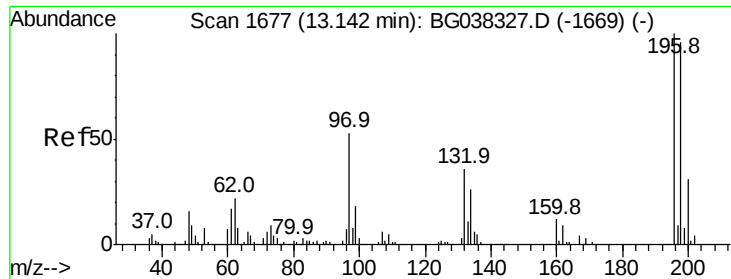
Acq: 6 Dec 2018 00:23

Tgt Ion:	330	Resp:	112151
Ion Ratio	Lower	Upper	
330	100		
332	94.0	78.4	117.6
141	39.2	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





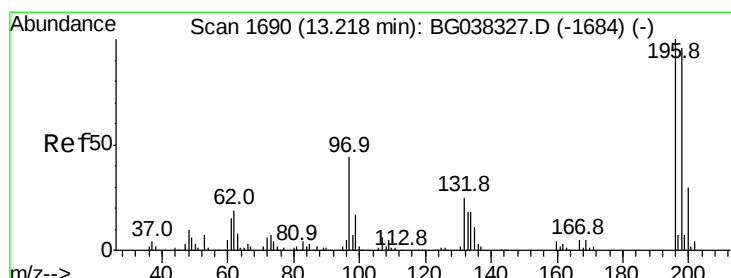
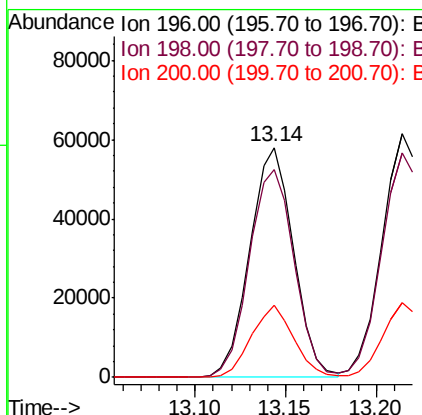
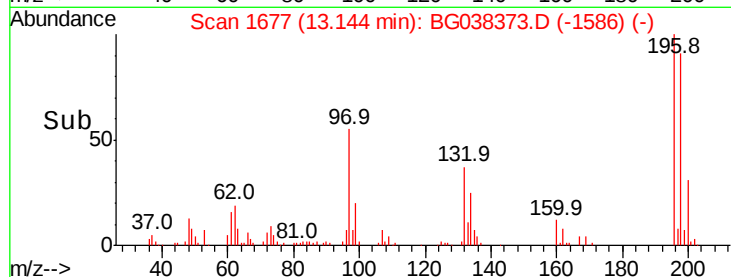
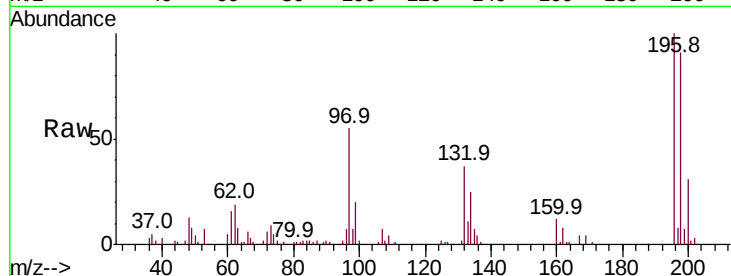
#43
 2,4,6-Trichlorophenol
 Concen: 52.790 ng
 RT: 13.14 min Scan# 1677
 Delta R.T. 0.00 min
 Lab File: BG038373.D
 Acq: 6 Dec 2018 00:23

Instrument :
 BNA_G
 ClientSampleId :
 PB115183BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	96812		
198	90.7	76.4	114.6	
200	31.2	24.9	37.3	

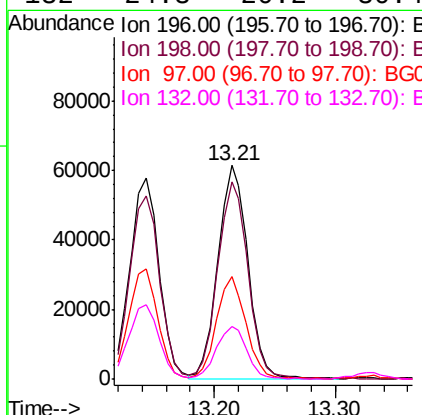
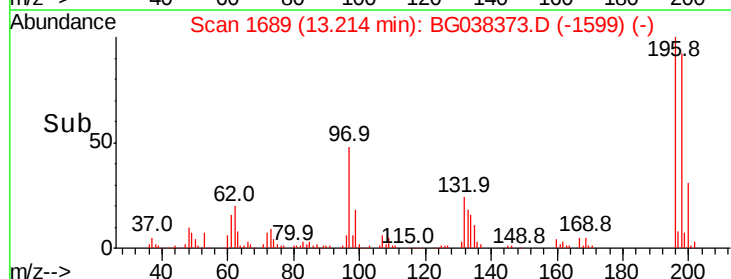
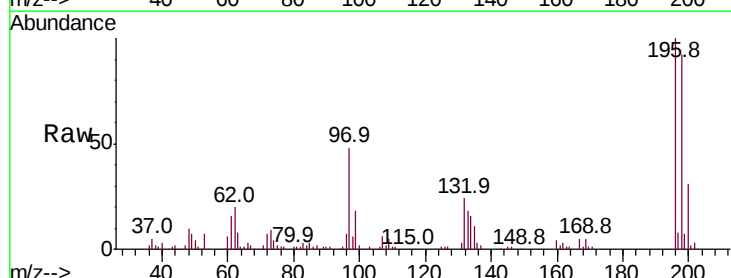
Manual Integrations
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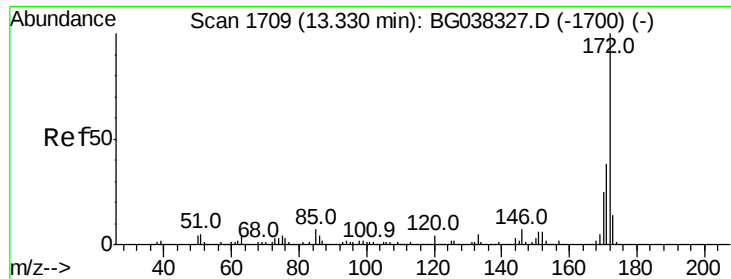
mohammad
 12/6/2018 12:10:24 PM



#44
 2,4,5-Trichlorophenol
 Concen: 54.277 ng
 RT: 13.21 min Scan# 1689
 Delta R.T. -0.00 min
 Lab File: BG038373.D
 Acq: 6 Dec 2018 00:23

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	105450		
198	92.3	74.2	111.2	
97	47.7	34.1	51.1	
132	24.3	20.2	30.4	





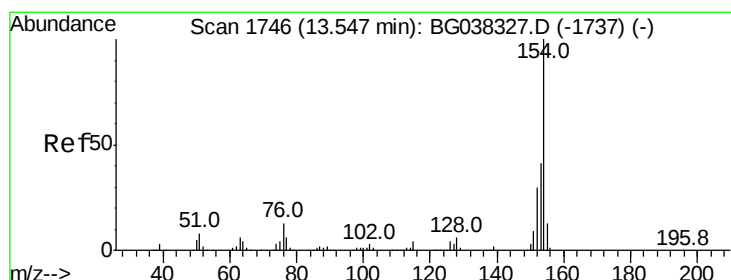
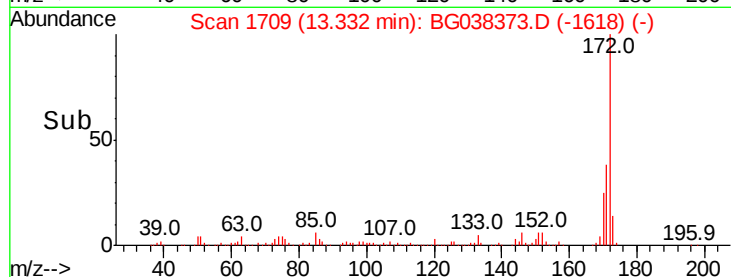
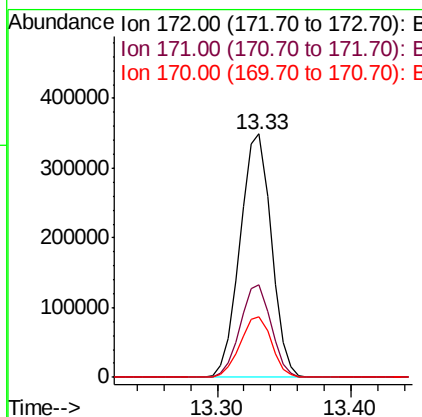
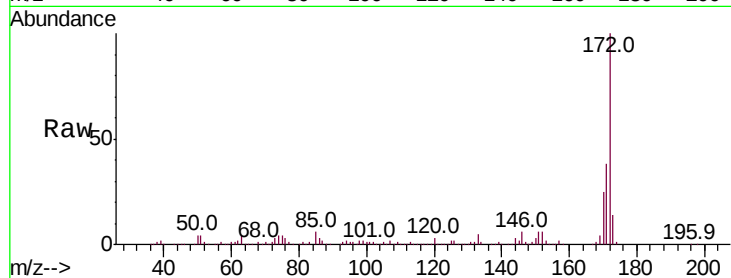
#45
2-Fluorobiphenyl
Concen: 97.945 ng
RT: 13.33 min Scan# 1709
Delta R.T. 0.00 min
Lab File: BG038373.D
Acq: 6 Dec 2018 00:23

Instrument :
BNA_G
ClientSampleId :
PB115183BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.8	31.0	46.4
170	24.8	20.2	30.2

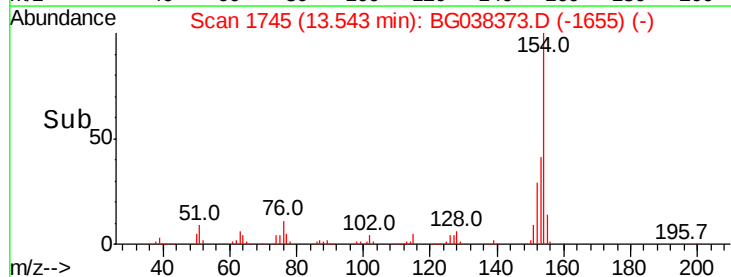
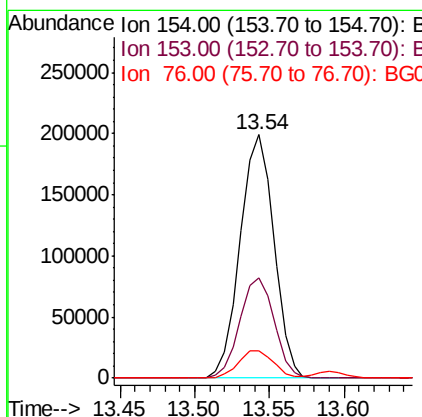
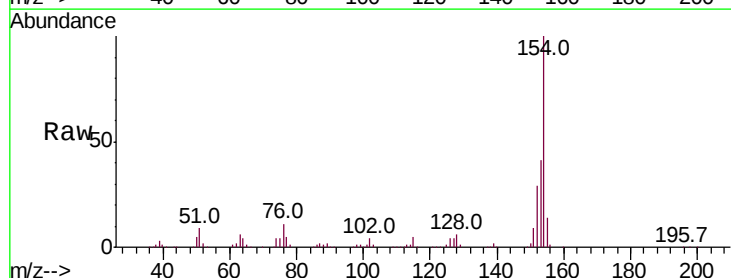
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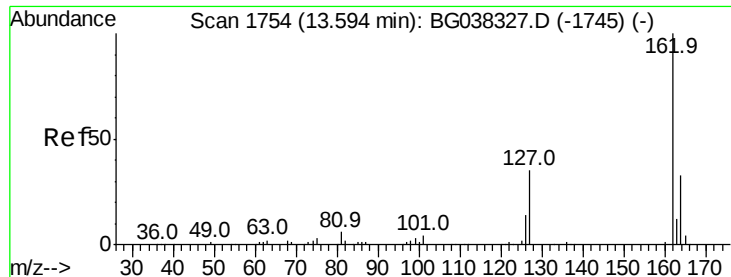
mohammad
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#46
1,1'-Biphenyl
Concen: 44.987 ng
RT: 13.54 min Scan# 1745
Delta R.T. -0.00 min
Lab File: BG038373.D
Acq: 6 Dec 2018 00:23

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.3	22.1	62.1
76	11.1	0.0	33.2





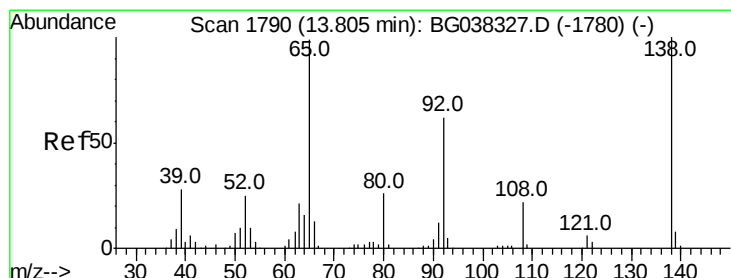
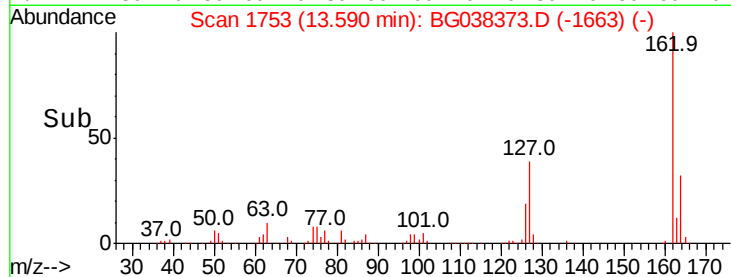
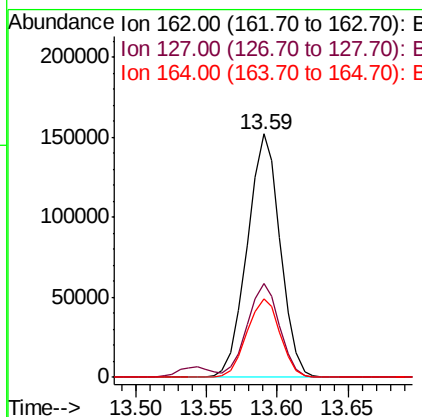
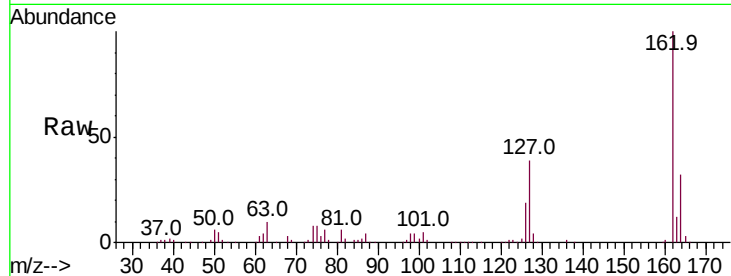
#47
 2-Chloronaphthalene
 Concen: 47.336 ng
 RT: 13.59 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: BG038373.D
 Acq: 6 Dec 2018 00:23

Instrument :
 BNA_G
 ClientSampleId :
 PB115183BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.8	30.5	45.7
164	32.1	26.4	39.6

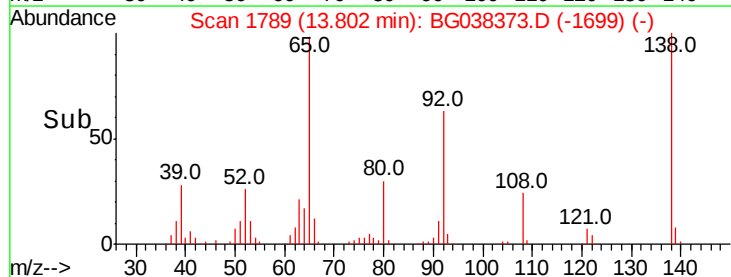
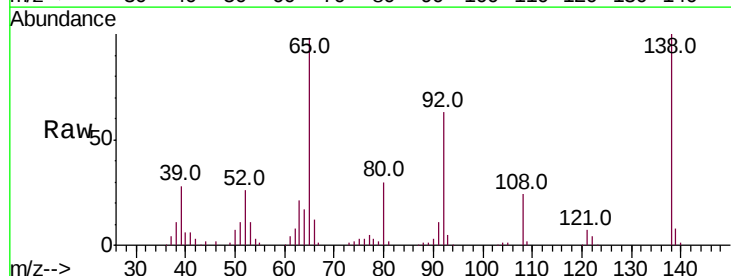
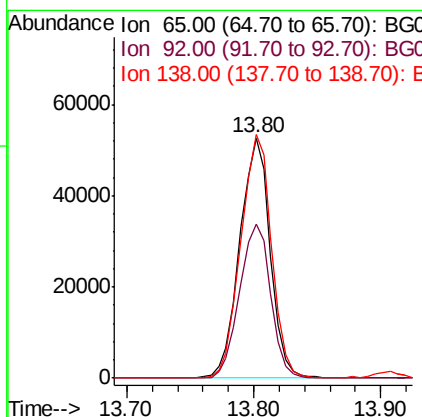
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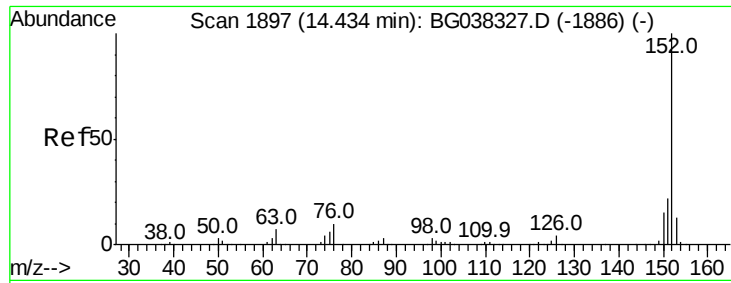
mohammad
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#48
 2-Nitroaniline
 Concen: 49.609 ng
 RT: 13.80 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: BG038373.D
 Acq: 6 Dec 2018 00:23

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.1	53.2	79.8
138	101.5	79.3	118.9





#49

Acenaphthylene

Concen: 52.881 ng

RT: 14.44 min Scan# 1897

Delta R.T. 0.00 min

Lab File: BG038373.D

Acq: 6 Dec 2018 00:23

Instrument :

BNA_G

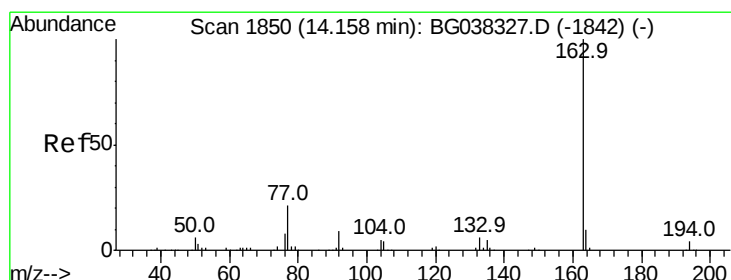
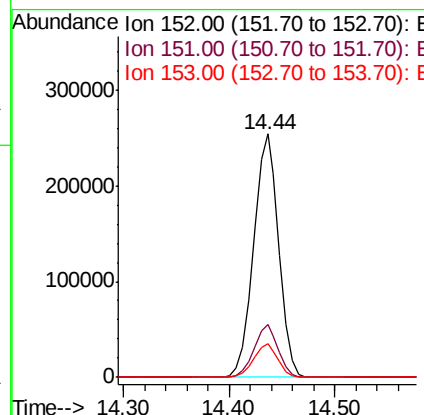
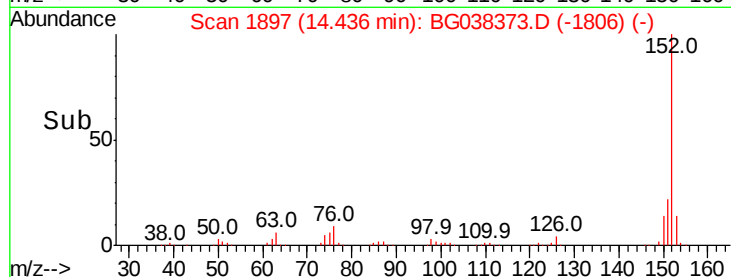
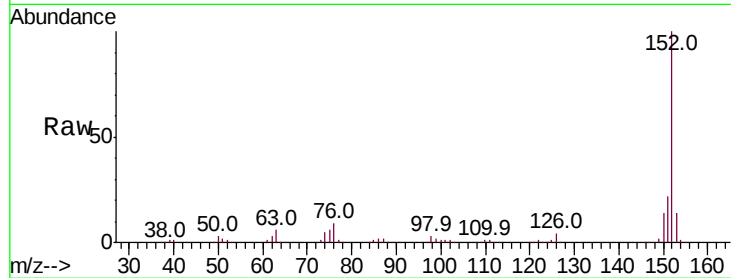
ClientSampleId :

PB115183BSD

Tot Ion:	152	Resp:	417954
Ion Ratio	Lower	Upper	
152	100		
151	21.9	17.1	25.7
153	14.0	11.1	16.7

Manual Integrations
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#50

Dimethylphthalate

Concen: 51.476 ng

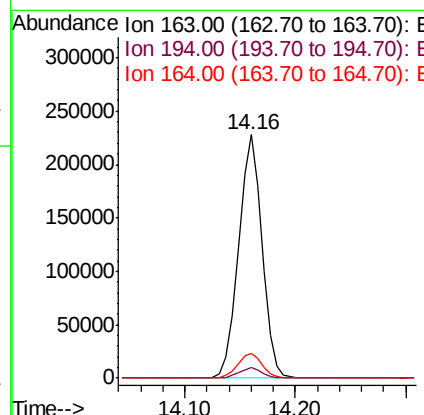
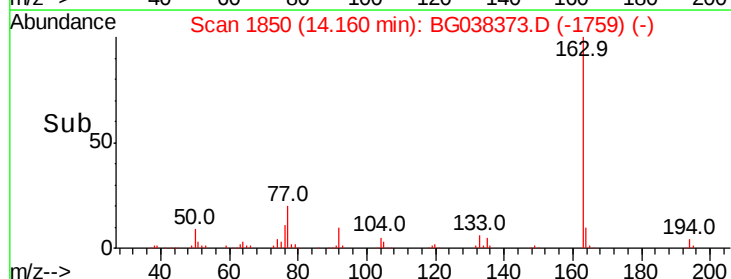
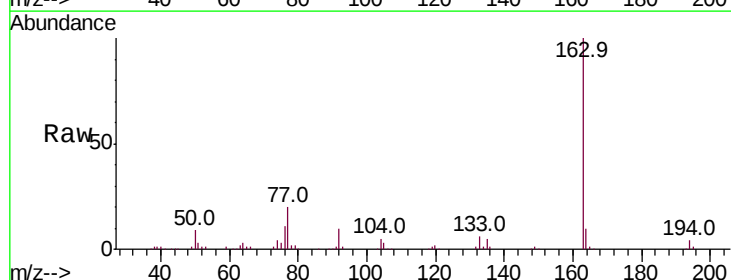
RT: 14.16 min Scan# 1850

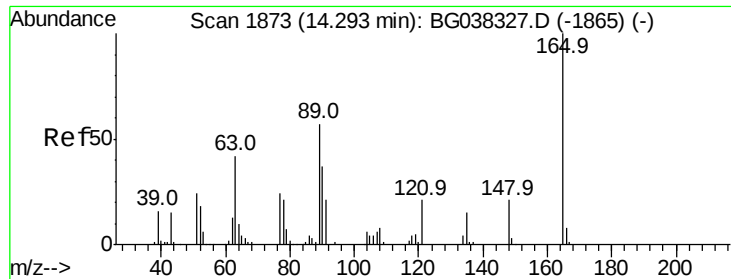
Delta R.T. 0.00 min

Lab File: BG038373.D

Acq: 6 Dec 2018 00:23

Tgt Ion:	163	Resp:	339692
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.5	5.3
164	10.0	8.5	12.7





#51

2,6-Dinitrotoluene

Concen: 51.348 ng

RT: 14.29 min Scan# 1872

Delta R.T. -0.00 min

Lab File: BG038373.D

Acq: 6 Dec 2018 00:23

Instrument :

BNA_G

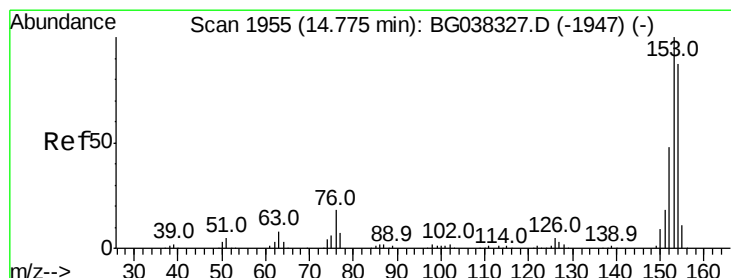
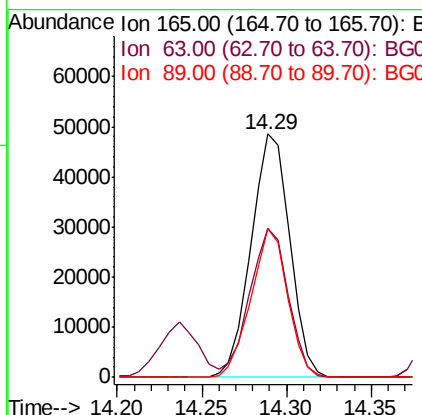
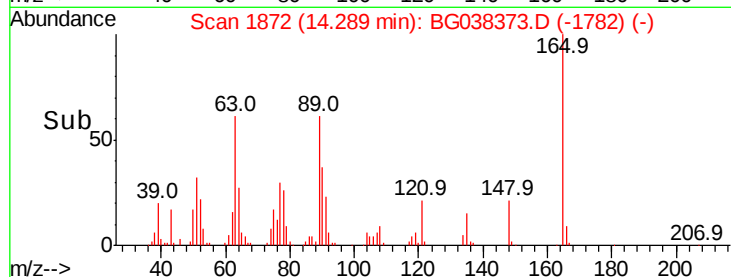
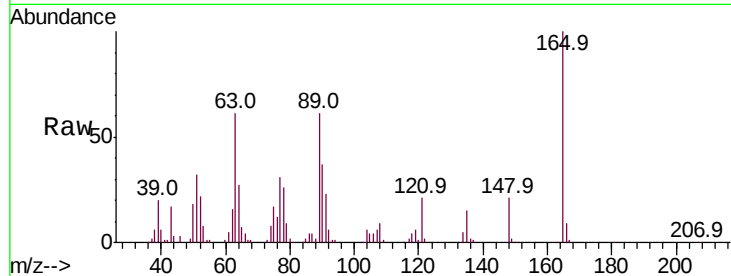
ClientSampleId :

PB115183BSD

Tot Ion:	165	Resp:	77404
Ion Ratio	Lower	Upper	
165	100		
63	60.9	43.4	65.2
89	61.0	45.8	68.6

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#52

Acenaphthene

Concen: 49.703 ng

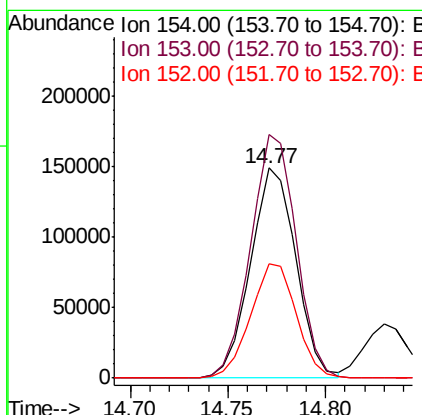
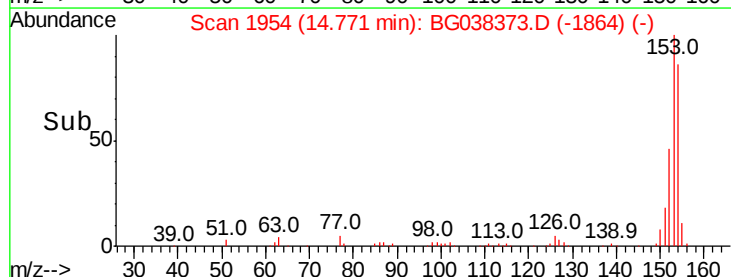
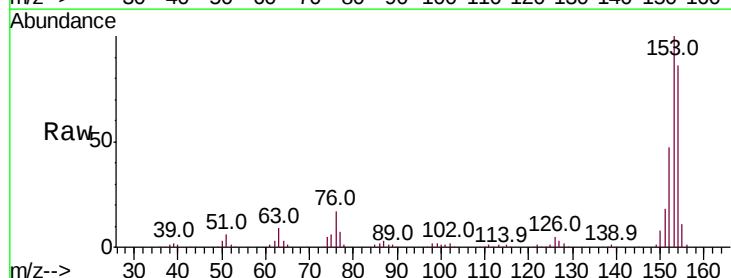
RT: 14.77 min Scan# 1954

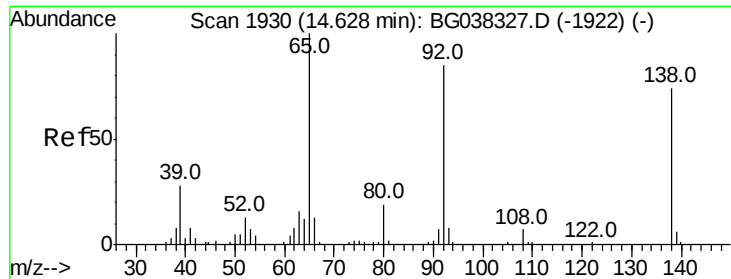
Delta R.T. -0.00 min

Lab File: BG038373.D

Acq: 6 Dec 2018 00:23

Tgt Ion:	154	Resp:	239482
Ion Ratio	Lower	Upper	
154	100		
153	116.1	93.4	140.0
152	54.4	44.7	67.1





#53

3-Nitroaniline

Concen: 22.928 ng

RT: 14.62 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BG038373.D

Acq: 6 Dec 2018 00:23

Instrument :

BNA_G

ClientSampleId :

PB115183BSD

Tot Ion:138 Resp: 37224

Ion Ratio Lower Upper

138 100

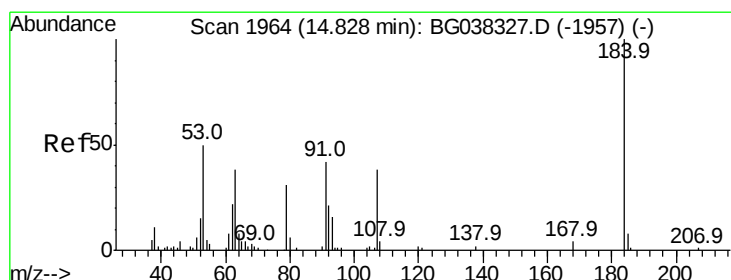
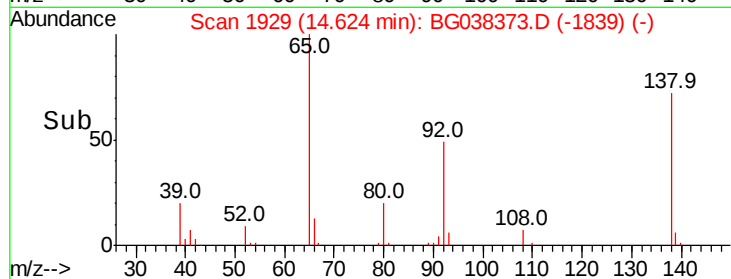
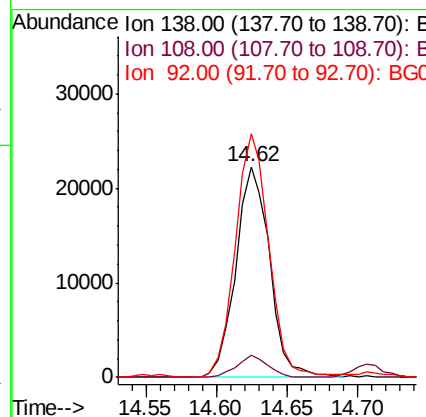
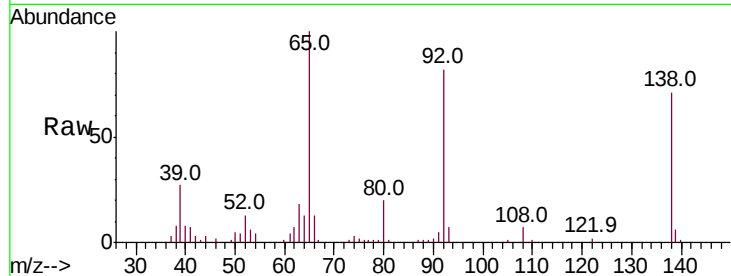
108 10.2 11.0 16.6#

92 115.7 95.2 142.8

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#54

2,4-Dinitrophenol

Concen: 121.487 ng

RT: 14.83 min Scan# 1964

Delta R.T. 0.00 min

Lab File: BG038373.D

Acq: 6 Dec 2018 00:23

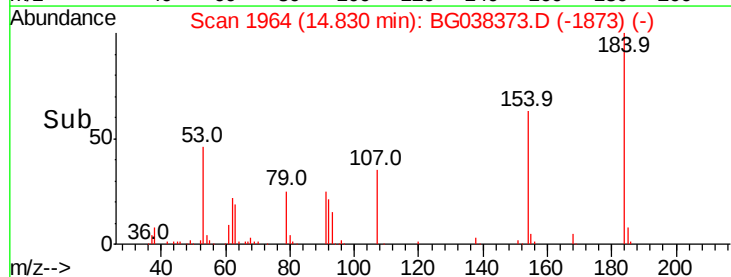
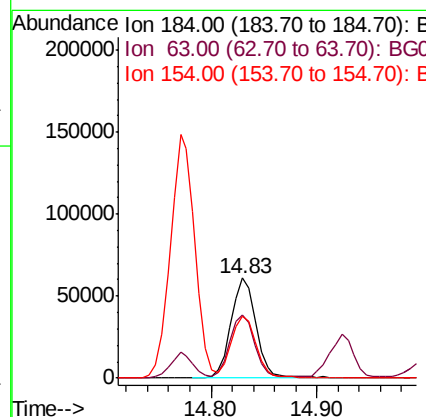
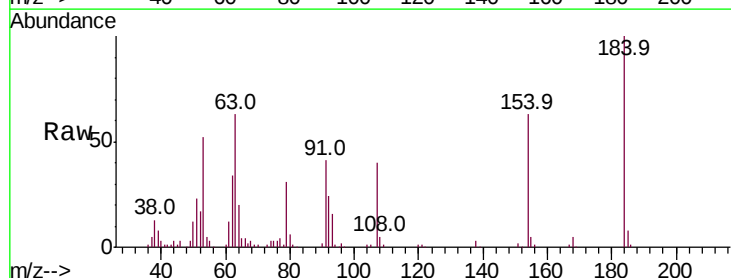
Tgt Ion:184 Resp: 100389

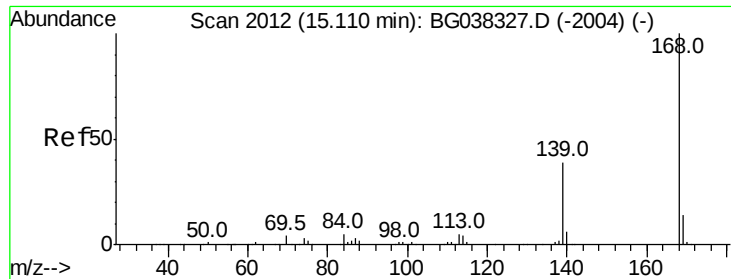
Ion Ratio Lower Upper

184 100

63 63.5 42.6 63.8

154 62.6 41.8 62.6





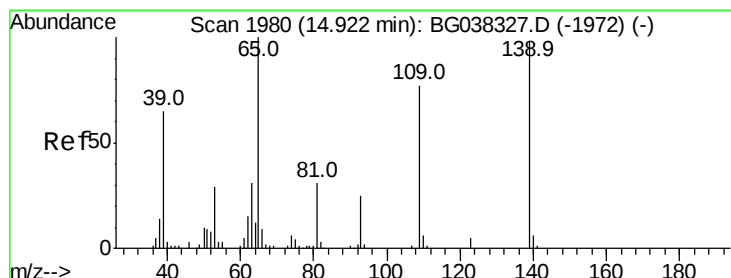
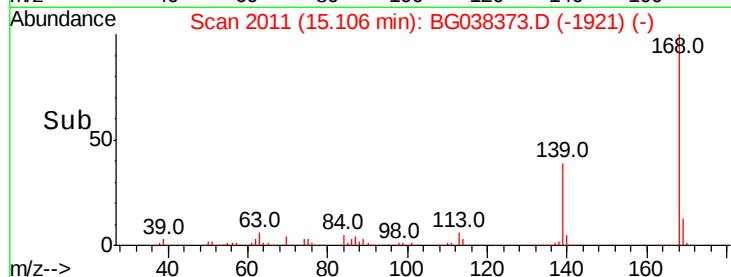
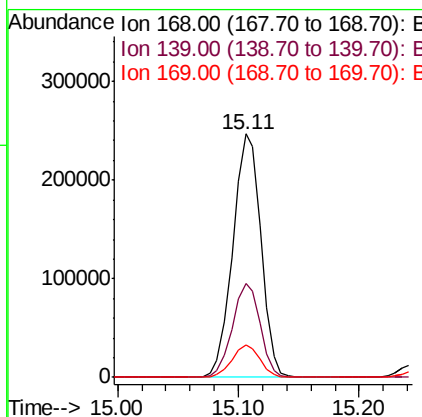
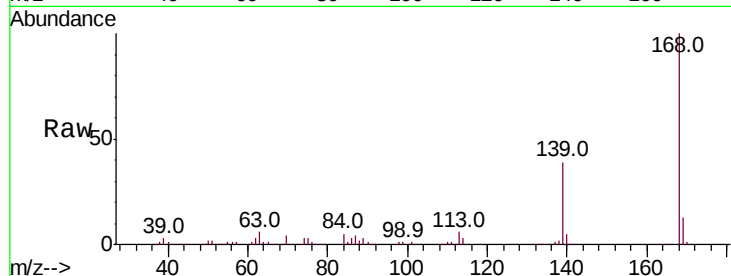
#55
Dibenzofuran
Concen: 50.083 ng
RT: 15.11 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BG038373.D
Acq: 6 Dec 2018 00:23

Instrument :
BNA_G
ClientSampleId :
PB115183BSD

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

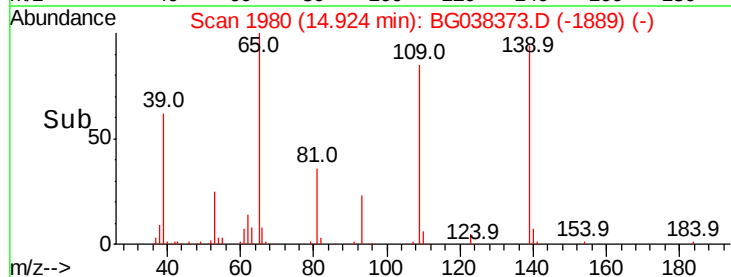
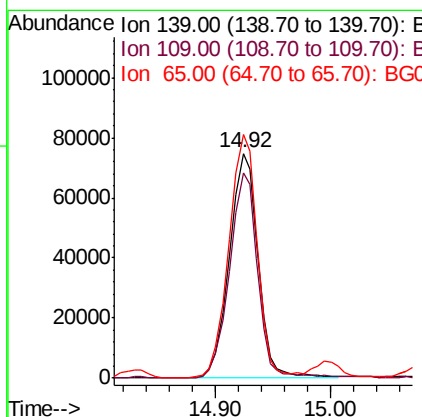
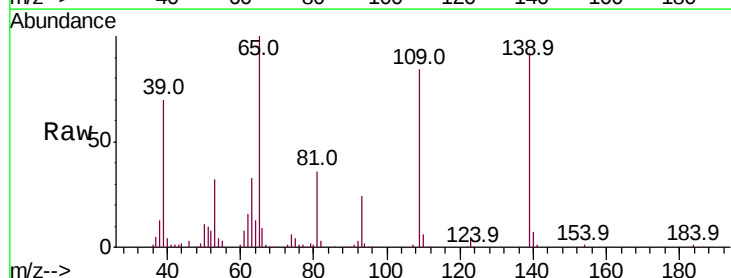
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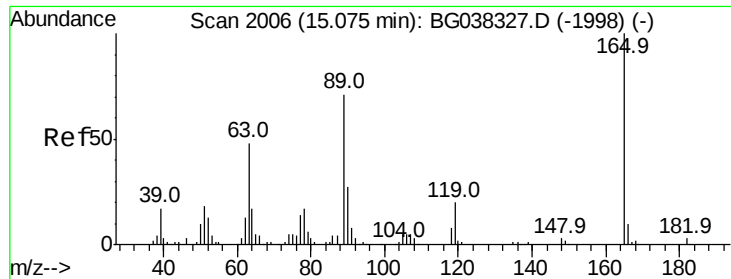
mohammad
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#56
4-Nitrophenol
Concen: 100.563 ng
RT: 14.92 min Scan# 1980
Delta R.T. 0.00 min
Lab File: BG038373.D
Acq: 6 Dec 2018 00:23

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	91.2	49.5	89.5#	
65	108.2	76.8	116.8	





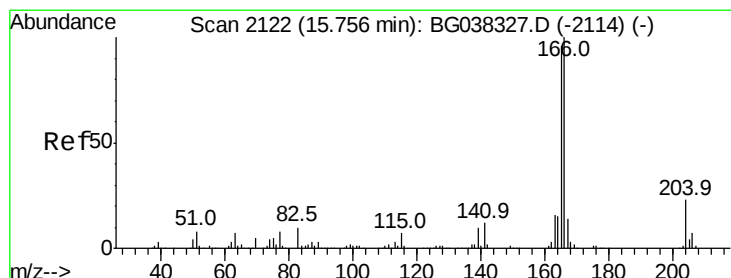
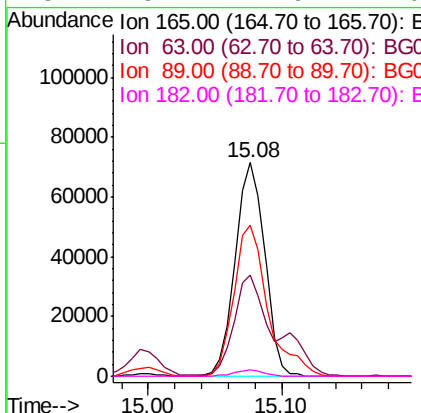
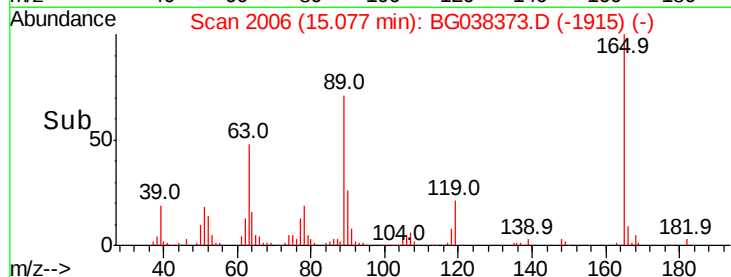
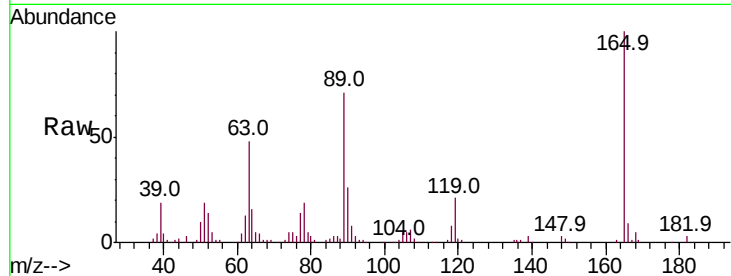
#57
2,4-Dinitrotoluene
Concen: 52.725 ng
RT: 15.08 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BG038373.D
Acq: 6 Dec 2018 00:23

Instrument :
BNA_G
ClientSampleId :
PB115183BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	109621		
63	47.6	33.4	50.0	
89	70.5	57.2	85.8	
182	3.1	2.6	4.0	

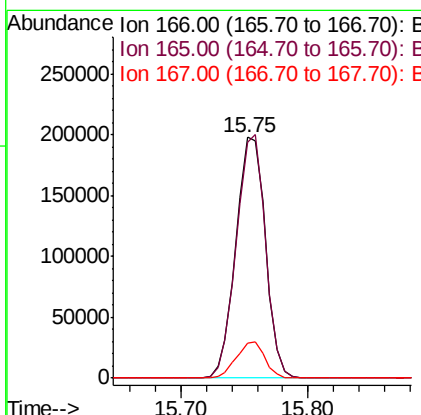
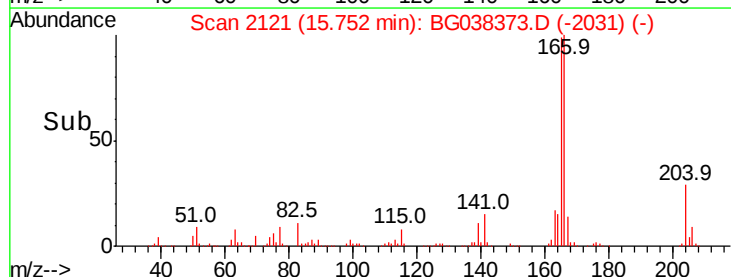
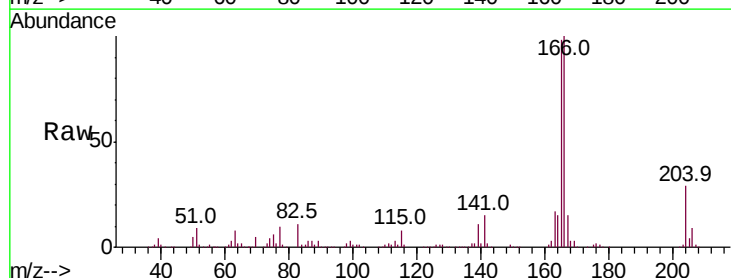
Manual Integrations
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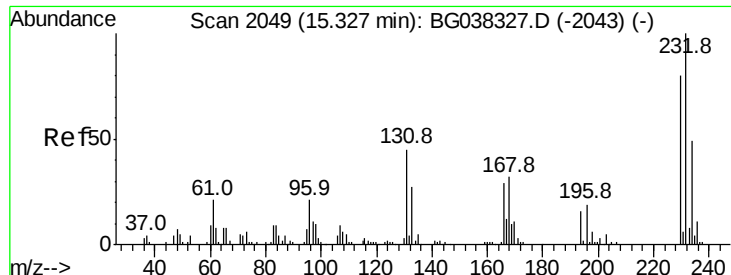
mohammad
12/6/2018 12:10:24 PM



#58
Fluorene
Concen: 54.503 ng
RT: 15.75 min Scan# 2121
Delta R.T. -0.00 min
Lab File: BG038373.D
Acq: 6 Dec 2018 00:23

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	319859		
165	97.8	79.0	118.6	
167	14.5	11.3	16.9	





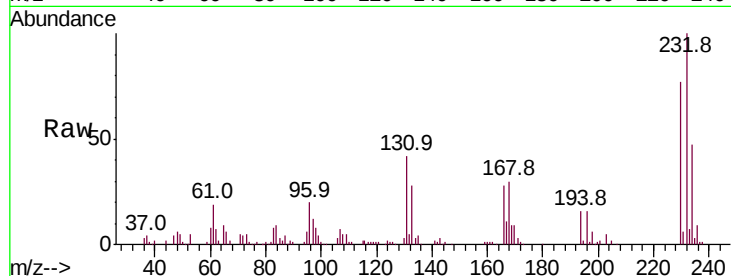
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 57.170 ng
 RT: 15.33 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: BG038373.D
 Acq: 6 Dec 2018 00:23

Instrument :
 BNA_G
 ClientSampleId :
 PB115183BSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.6	33.7	50.5
130	2.7	2.1	3.1
166	28.8	24.6	36.8

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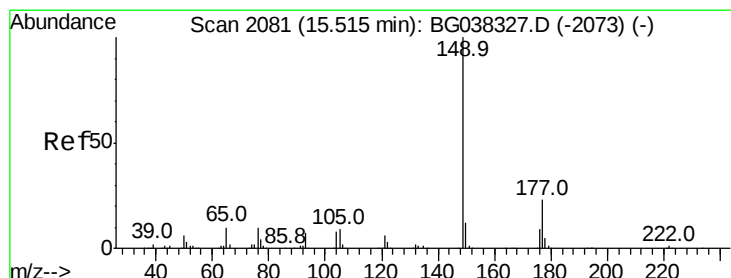
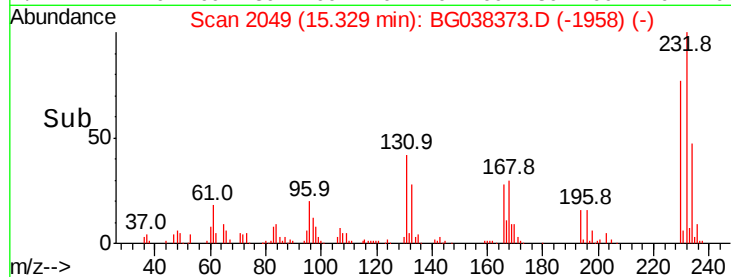
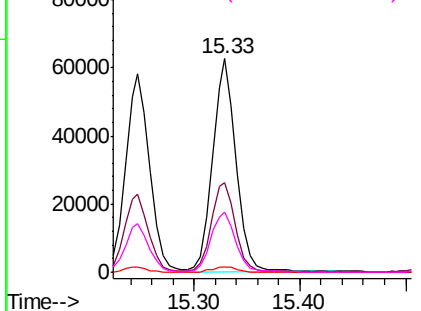
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

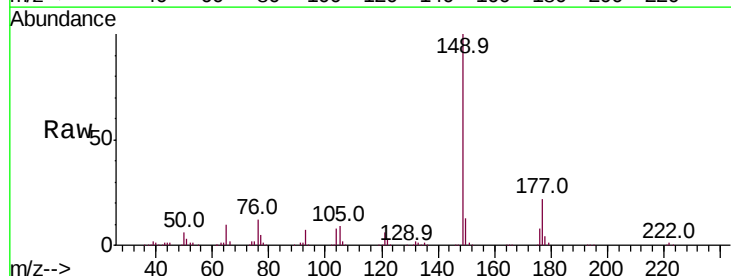
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 49.394 ng
 RT: 15.51 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: BG038373.D
 Acq: 6 Dec 2018 00:23

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.4	18.3	27.5
150	12.8	10.0	15.0

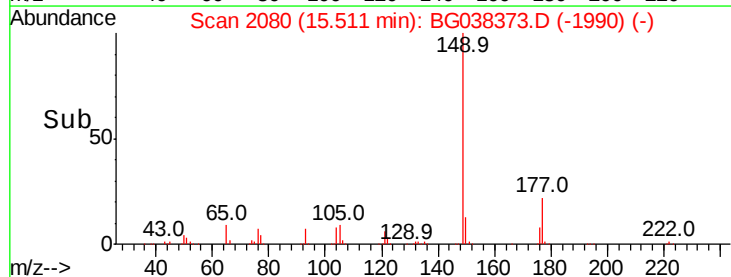
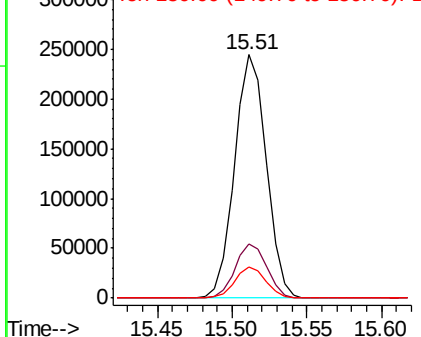


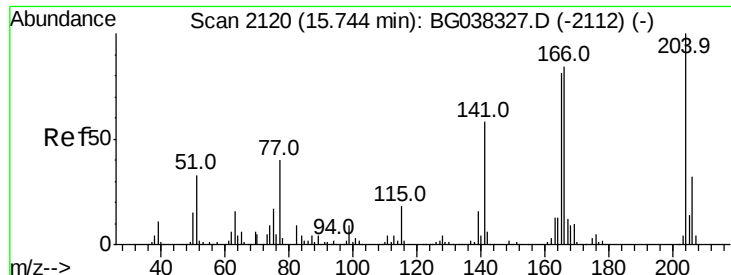
Abundance

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





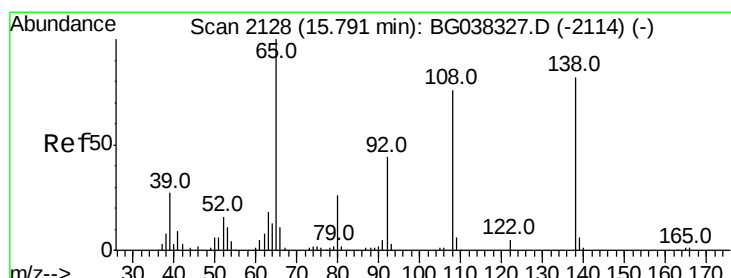
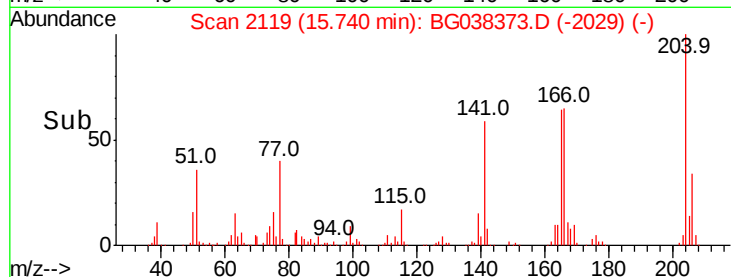
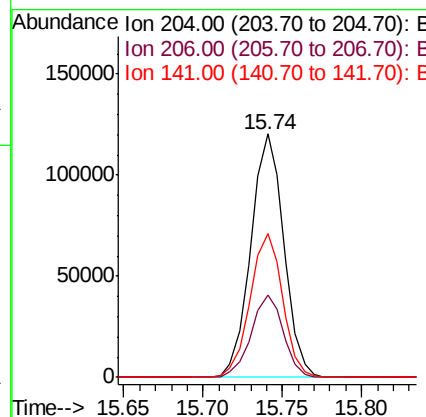
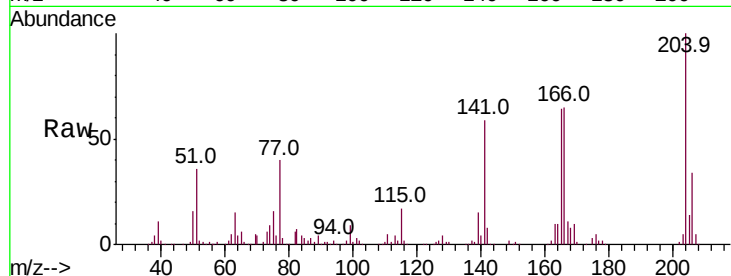
#61
4-Chlorophenyl-phenylether
Concen: 49.270 ng
RT: 15.74 min Scan# 2119
Delta R.T. -0.00 min
Lab File: BG038373.D
Acq: 6 Dec 2018 00:23

Instrument :
BNA_G
ClientSampleId :
PB115183BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.8	26.6	39.8
141	59.0	45.4	68.2

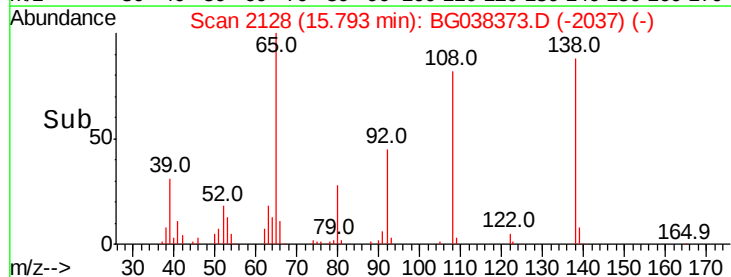
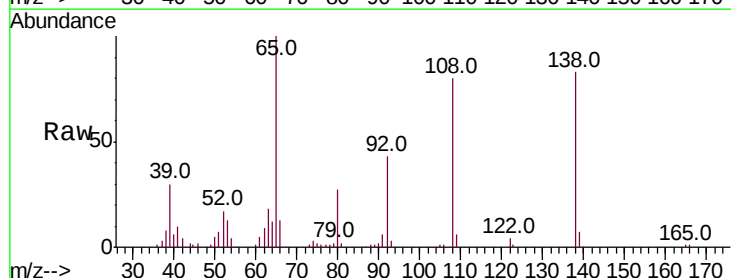
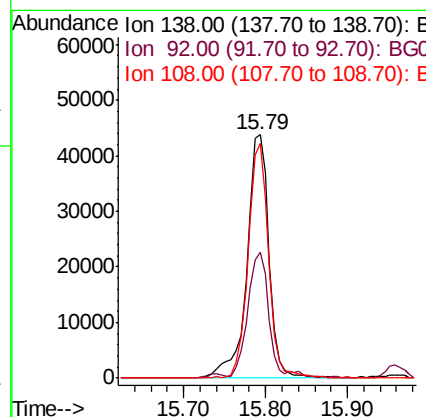
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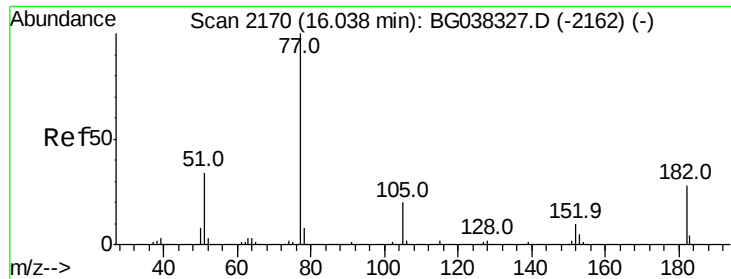
mohammad
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#62
4-Nitroaniline
Concen: 51.518 ng
RT: 15.79 min Scan# 2128
Delta R.T. 0.00 min
Lab File: BG038373.D
Acq: 6 Dec 2018 00:23

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.8	36.4	76.4
108	96.5	60.1	100.1





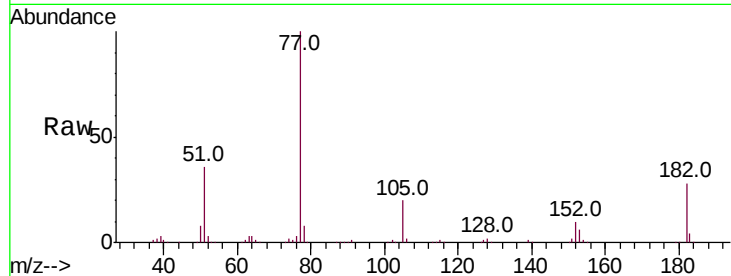
#63
Azobenzene
Concen: 50.151 ng
RT: 16.03 min Scan# 2169
Delta R.T. -0.00 min
Lab File: BG038373.D
Acq: 6 Dec 2018 00:23

Instrument :
BNA_G
ClientSampleId :
PB115183BSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.3	8.0	48.0
105	19.5	1.3	41.3
51	36.3	10.7	50.7

Manual Integrations
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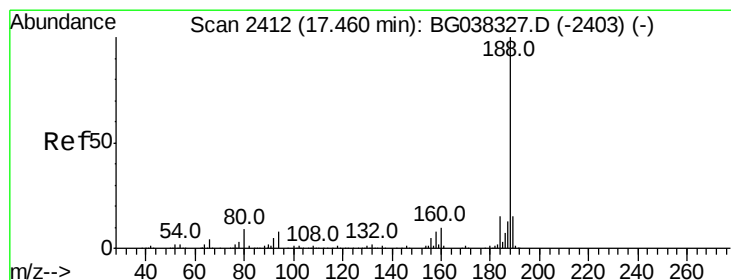
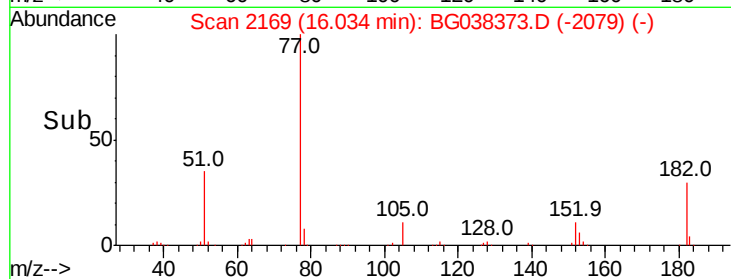
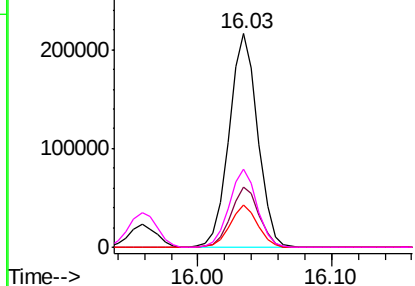
Abundance

Ion 77.00 (76.70 to 77.70): BG038327.D (-2162) (-)

Ion 182.00 (181.70 to 182.70): BG038327.D (-2162) (-)

Ion 105.00 (104.70 to 105.70): BG038327.D (-2162) (-)

Ion 51.00 (50.70 to 51.70): BG038327.D (-2162) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2411
Delta R.T. -0.00 min
Lab File: BG038373.D
Acq: 6 Dec 2018 00:23

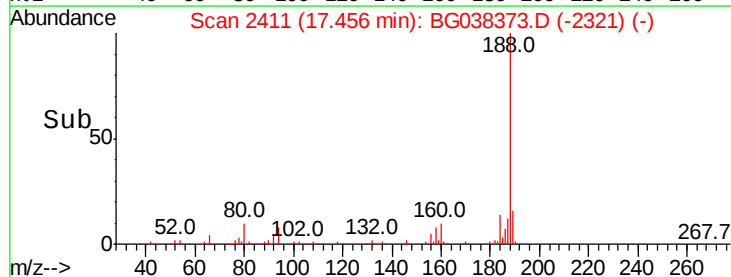
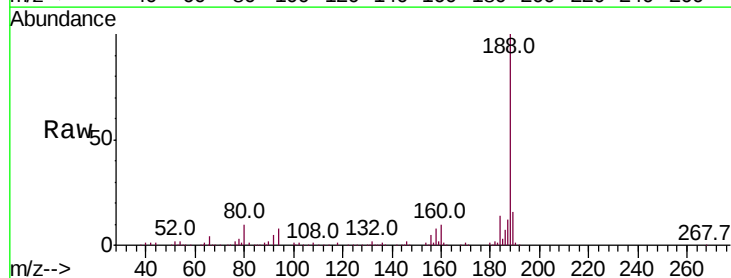
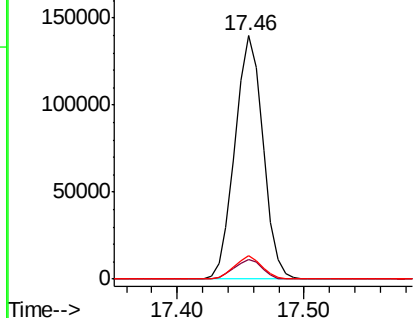
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	7.2	10.8
80	9.6	7.7	11.5

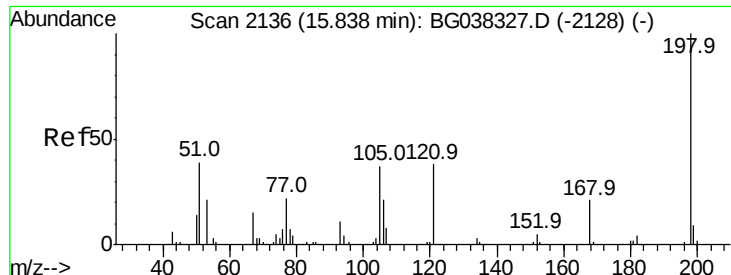
Abundance

Ion 188.00 (187.70 to 188.70): BG038327.D (-2403) (-)

Ion 94.00 (93.70 to 94.70): BG038327.D (-2403) (-)

Ion 80.00 (79.70 to 80.70): BG038327.D (-2403) (-)





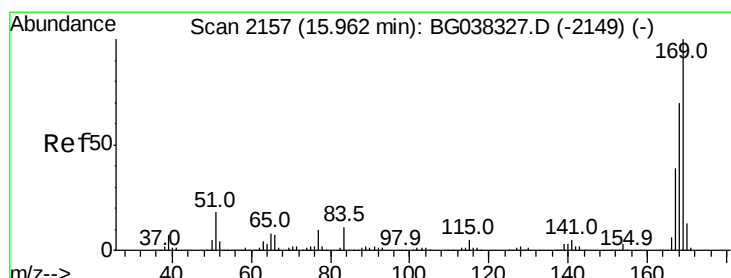
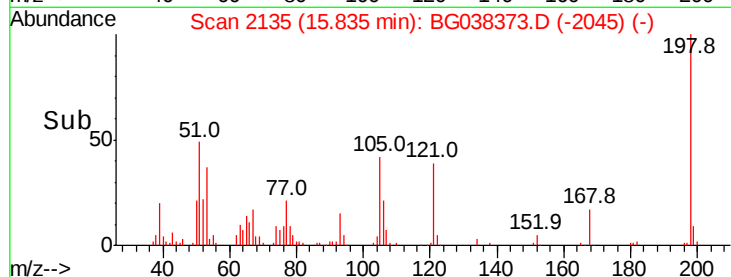
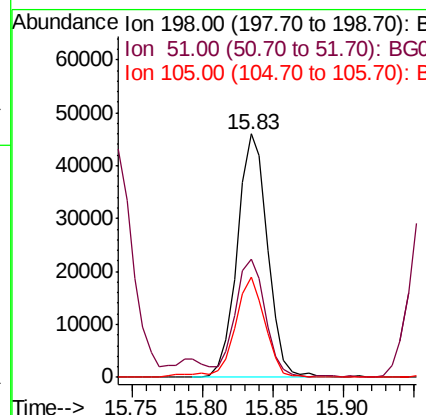
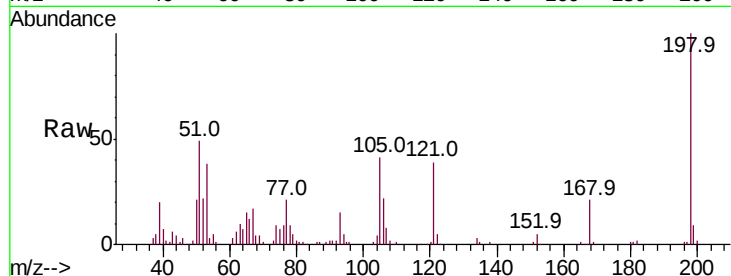
#65
4,6-Dinitro-2-methylphenol
Concen: 48.759 ng
RT: 15.83 min Scan# 2135
Delta R.T. -0.00 min
Lab File: BG038373.D
Acq: 6 Dec 2018 00:23

Instrument :
BNA_G
ClientSampleId :
PB115183BSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	68437		
51	48.6	22.7	62.7	
105	41.3	19.7	59.7	

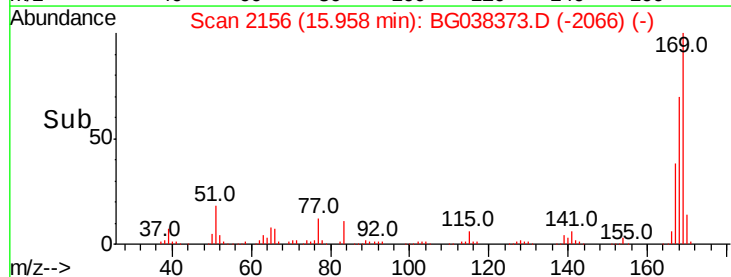
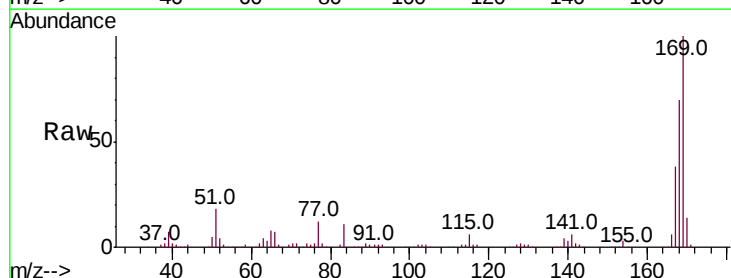
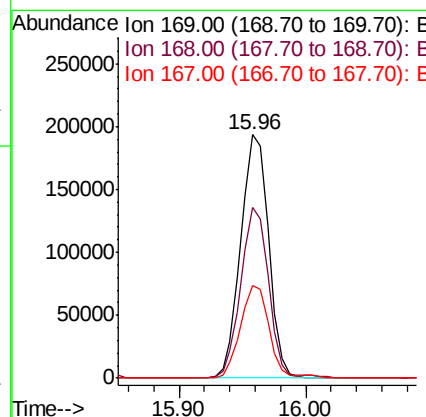
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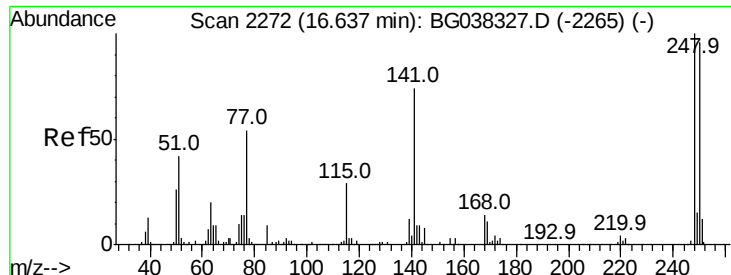
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 48.911 ng
RT: 15.96 min Scan# 2156
Delta R.T. -0.00 min
Lab File: BG038373.D
Acq: 6 Dec 2018 00:23

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	294637		
168	70.1	55.7	83.5	
167	38.3	31.3	46.9	





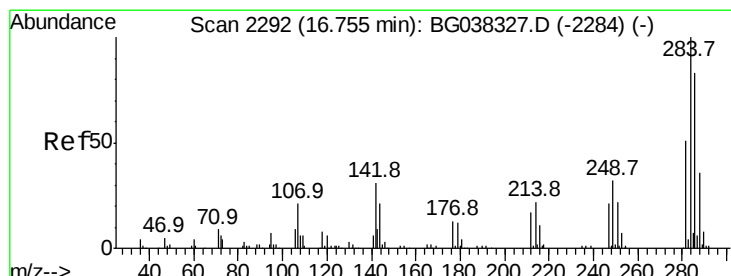
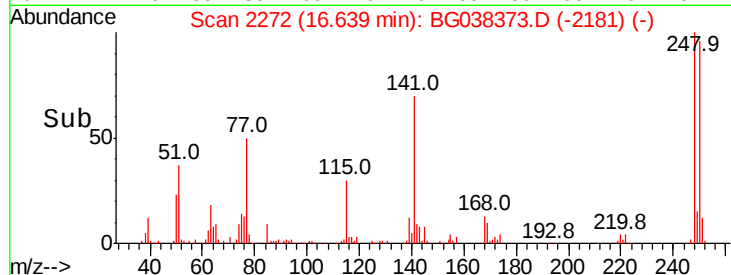
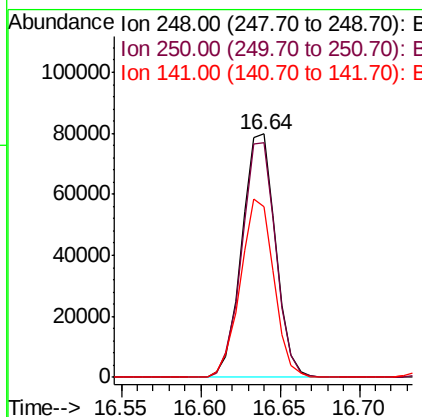
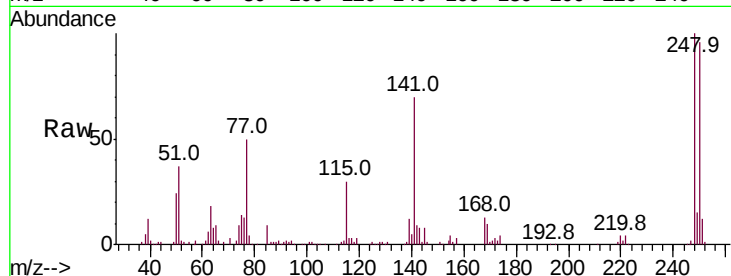
#67
 4-Bromophenyl-phenylether
 Concen: 50.765 ng
 RT: 16.64 min Scan# 2272
 Delta R.T. 0.00 min
 Lab File: BG038373.D
 Acq: 6 Dec 2018 00:23

Instrument :
 BNA_G
 ClientSampleId :
 PB115183BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.1	77.0	115.6
141	70.3	55.5	83.3

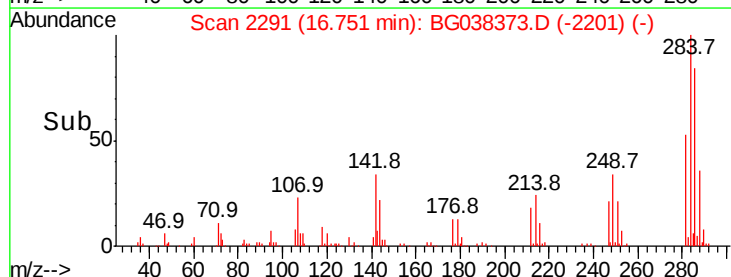
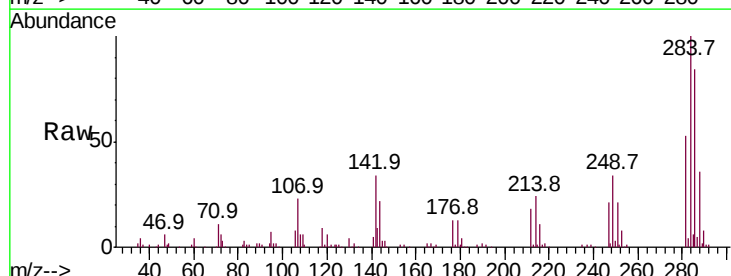
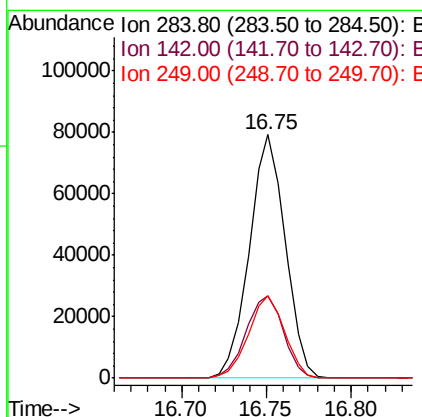
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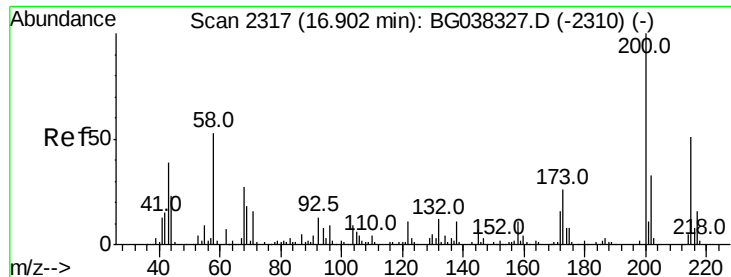
mohammad
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#68
 Hexachlorobenzene
 Concen: 49.075 ng
 RT: 16.75 min Scan# 2291
 Delta R.T. -0.00 min
 Lab File: BG038373.D
 Acq: 6 Dec 2018 00:23

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.0	28.1	42.1
249	36.5	29.8	44.8





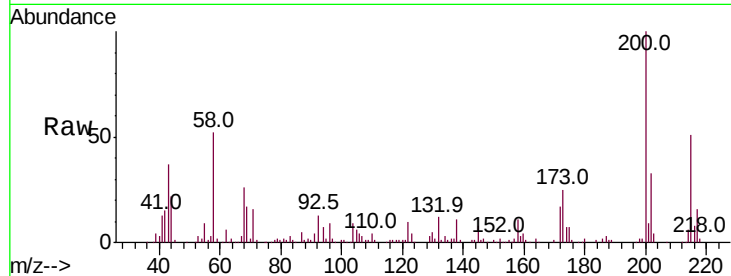
#69
Atrazine
Concen: 52.109 ng
RT: 16.90 min Scan# 2317
Delta R.T. 0.00 min
Lab File: BG038373.D
Acq: 6 Dec 2018 00:23

Instrument :
BNA_G
ClientSampleId :
PB115183BSD

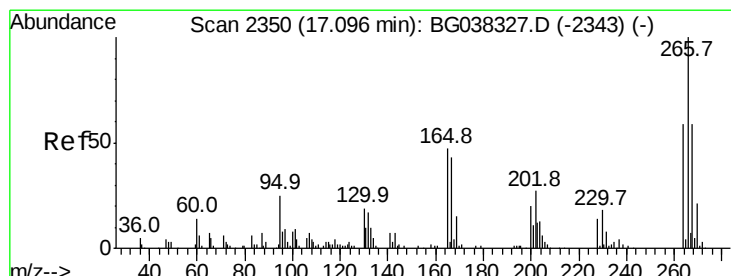
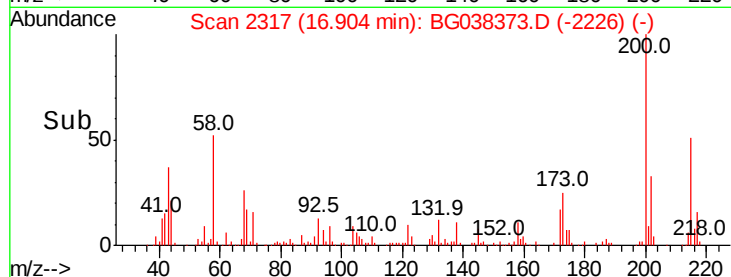
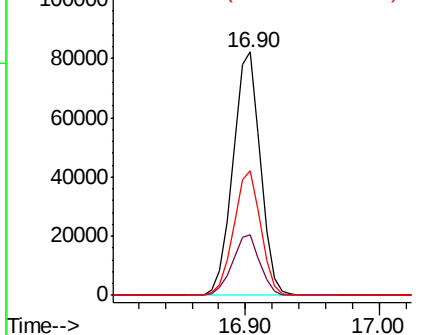
Tot Ion	Ratio	Lower	Upper
200	100		
173	25.0	6.1	46.1
215	51.1	30.8	70.8

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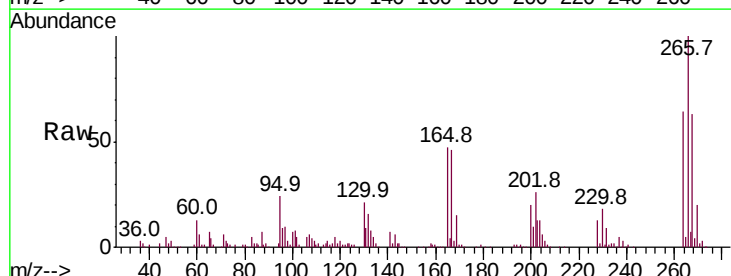


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

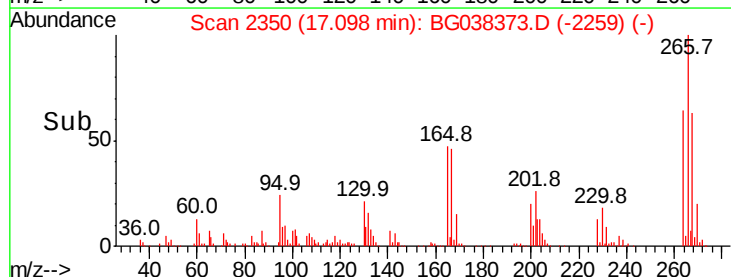
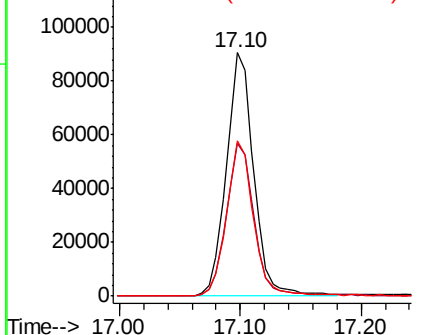


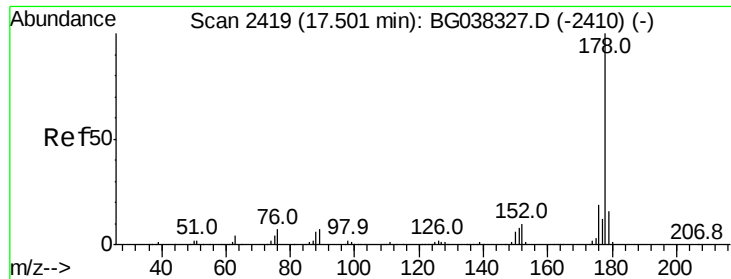
#70
Pentachlorophenol
Concen: 87.535 ng
RT: 17.10 min Scan# 2350
Delta R.T. 0.00 min
Lab File: BG038373.D
Acq: 6 Dec 2018 00:23

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.2	55.0	82.6
264	69.0	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





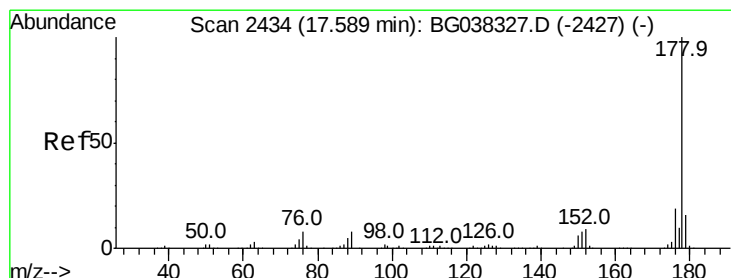
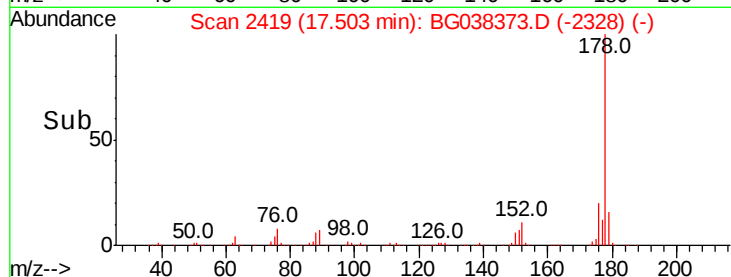
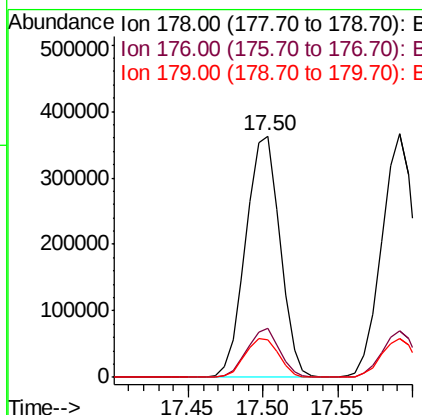
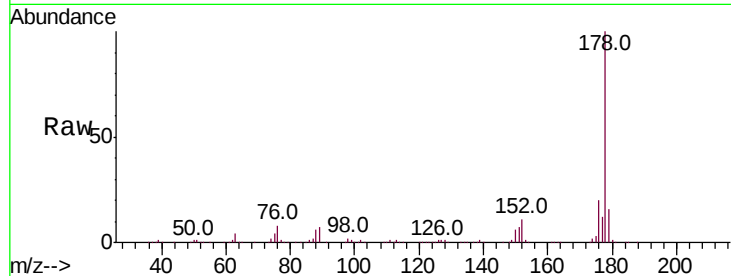
#71
 Phenanthrene
 Concen: 53.676 ng
 RT: 17.50 min Scan# 2419
 Delta R.T. 0.00 min
 Lab File: BG038373.D
 Acq: 6 Dec 2018 00:23

Instrument :
 BNA_G
 ClientSampleId :
 PB115183BSD

Tot Ion:178	Resp:	575834
Ion Ratio	Lower	Upper
178 100		
176 20.2	16.1	24.1
179 15.7	13.0	19.4

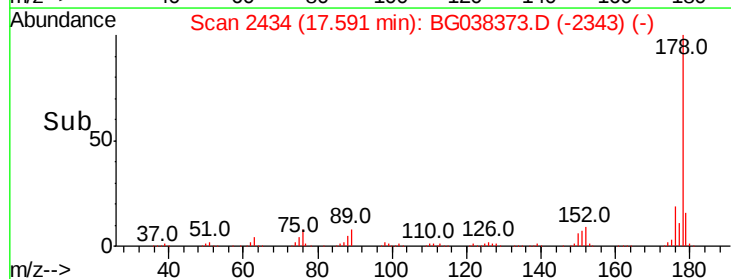
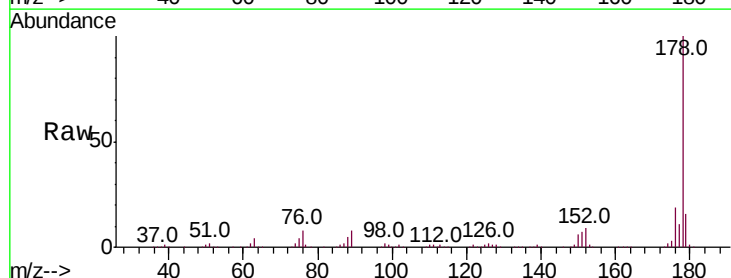
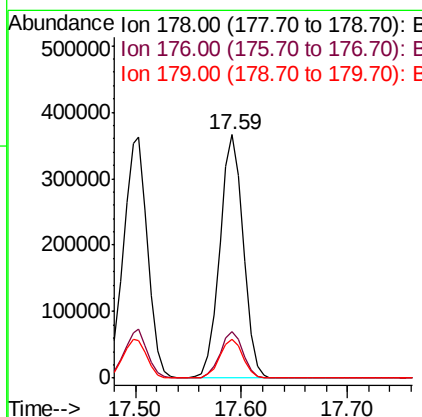
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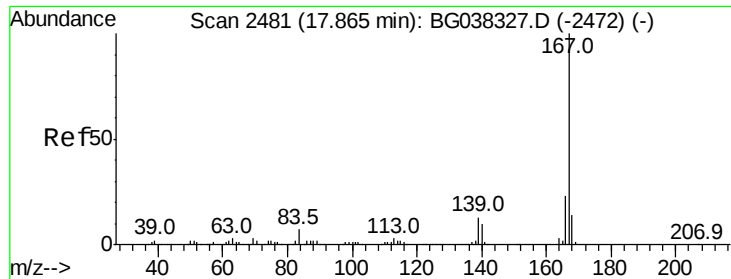
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#72
 Anthracene
 Concen: 54.387 ng
 RT: 17.59 min Scan# 2434
 Delta R.T. 0.00 min
 Lab File: BG038373.D
 Acq: 6 Dec 2018 00:23

Tgt Ion:178	Resp:	565027
Ion Ratio	Lower	Upper
178 100		
176 19.0	15.0	22.4
179 16.2	12.8	19.2





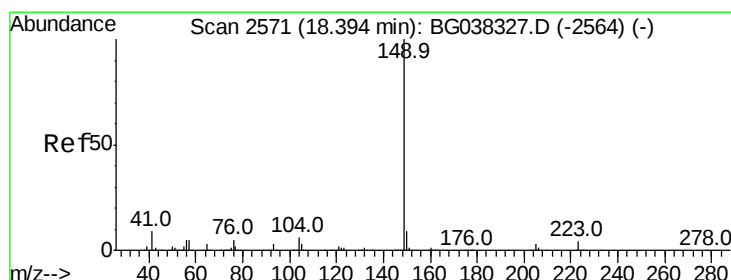
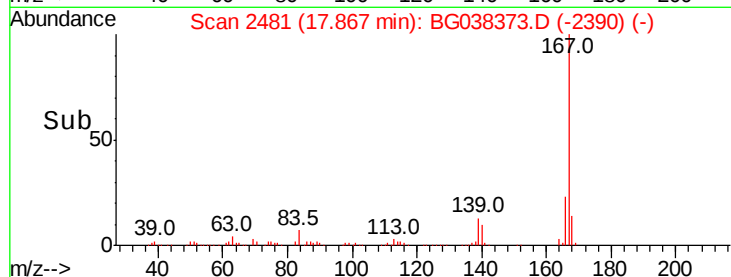
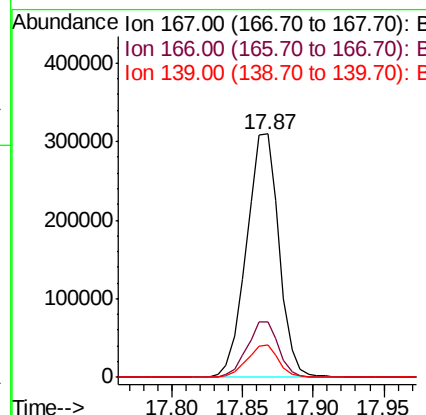
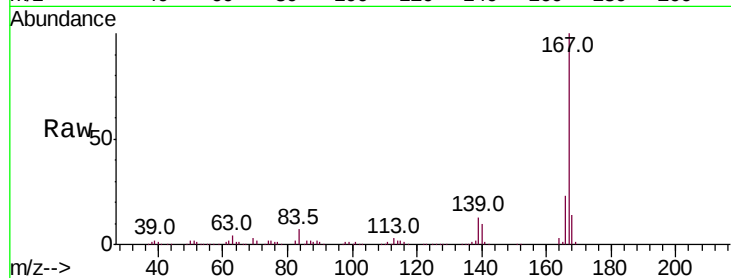
#73
 Carbazole
 Concen: 48.326 ng
 RT: 17.87 min Scan# 2481
 Delta R.T. 0.00 min
 Lab File: BG038373.D
 Acq: 6 Dec 2018 00:23

Instrument :
 BNA_G
 ClientSampleId :
 PB115183BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.7	18.3	27.5
139	13.2	10.5	15.7

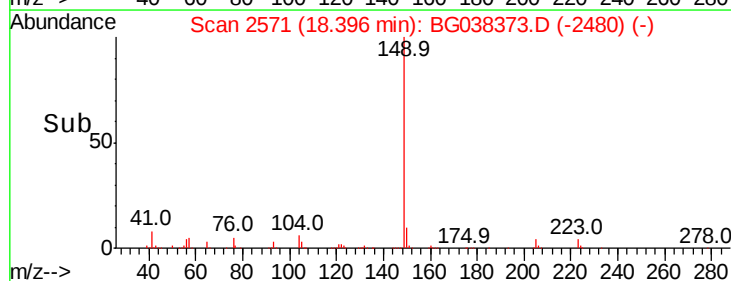
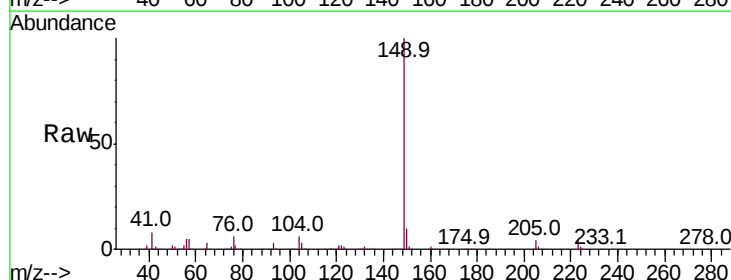
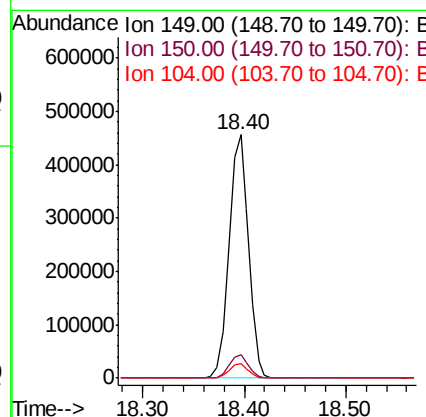
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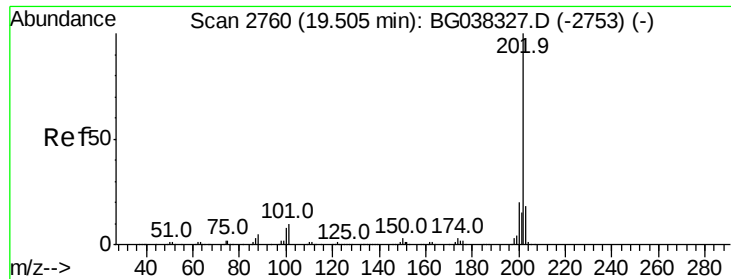
mohammad
 12/6/2018 12:10:24 PM



#74
 Di-n-butylphthalate
 Concen: 49.983 ng
 RT: 18.40 min Scan# 2571
 Delta R.T. 0.00 min
 Lab File: BG038373.D
 Acq: 6 Dec 2018 00:23

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	8.2	12.2
104	5.9	4.0	6.0





#75

Fluoranthene

Concen: 59.632 ng

RT: 19.51 min Scan# 2760

Delta R.T. 0.00 min

Lab File: BG038373.D

Acq: 6 Dec 2018 00:23

Instrument :

BNA_G

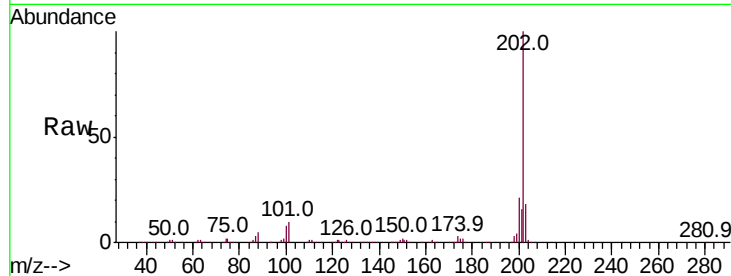
ClientSampleId :

PB115183BSD

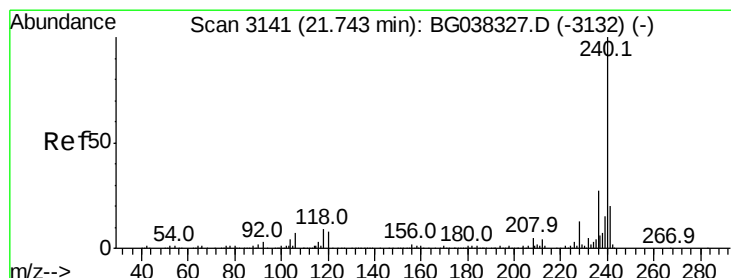
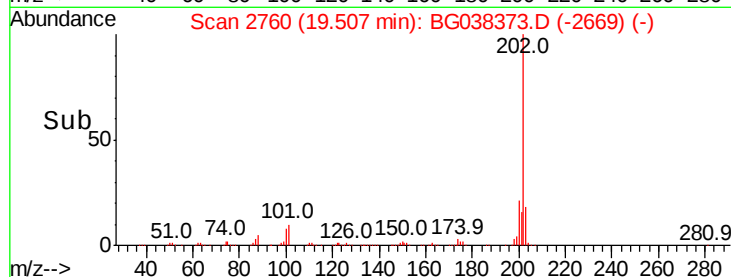
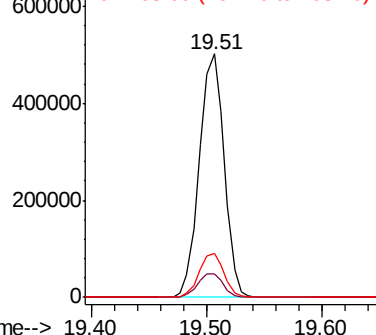
Tot Ion:	202	Resp:	747428
Ion Ratio	Lower	Upper	
202	100		
101	9.8	0.0	30.7
203	17.9	0.0	38.5

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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: 21.74 min Scan# 3140

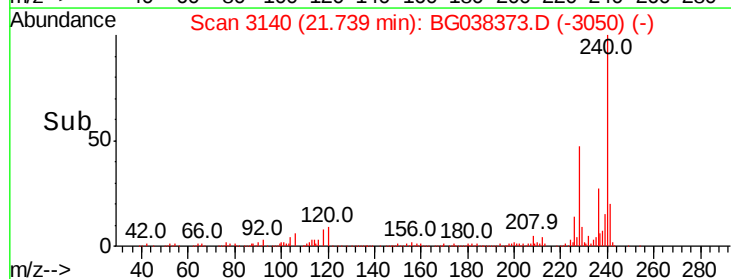
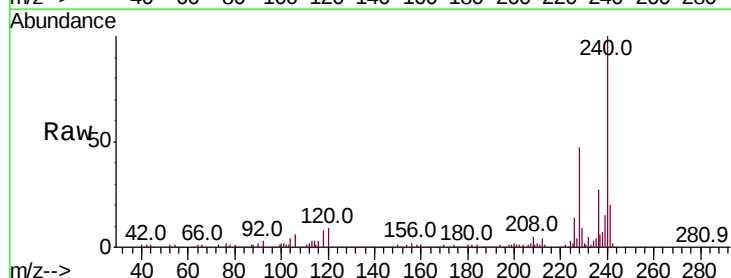
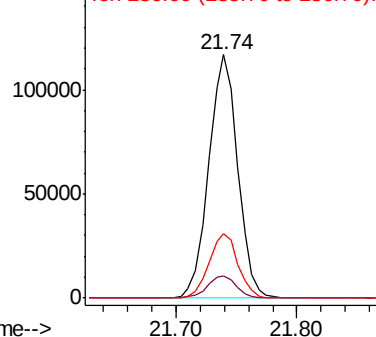
Delta R.T. -0.00 min

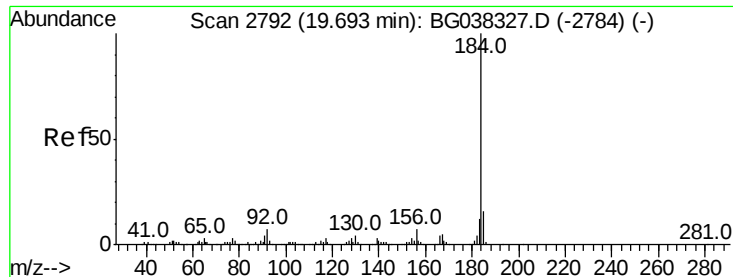
Lab File: BG038373.D

Acq: 6 Dec 2018 00:23

Tgt Ion:	240	Resp:	195077
Ion Ratio	Lower	Upper	
240	100		
120	9.2	8.1	12.1
236	26.7	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: 34.887 ng

RT: 19.69 min Scan# 2791

Delta R.T. -0.00 min

Lab File: BG038373.D

Acq: 6 Dec 2018 00:23

Instrument :

BNA_G

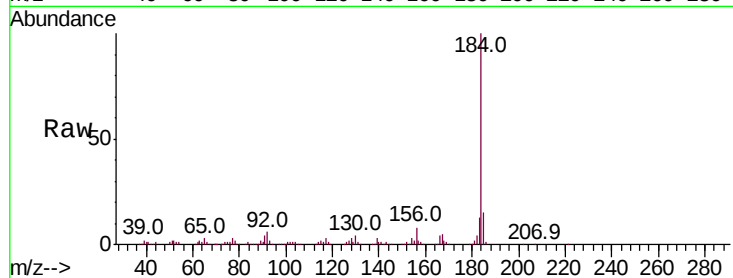
ClientSampleId :

PB115183BSD

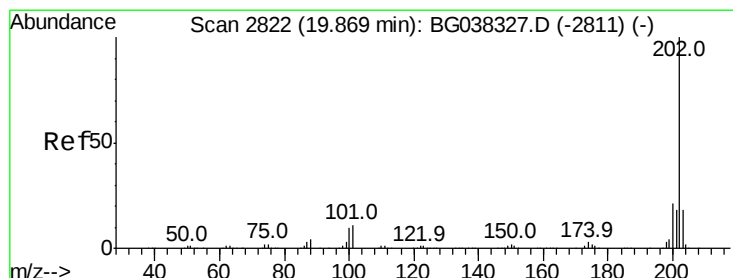
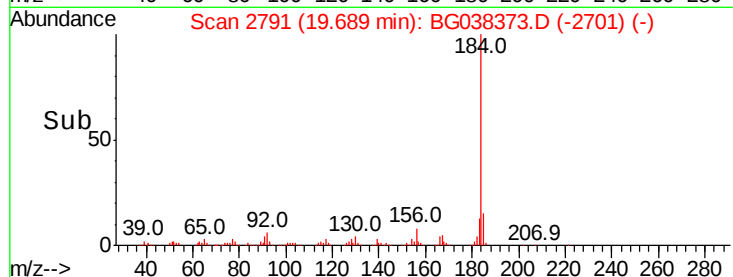
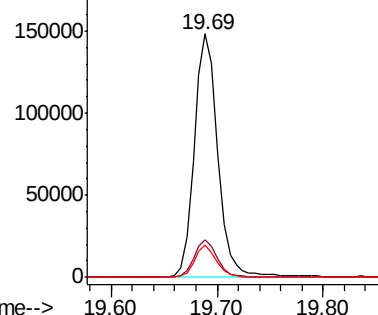
Tot Ion:	184	Resp:	229656
Ion Ratio	Lower	Upper	
184	100		
185	15.3	12.6	18.8
183	13.2	10.2	15.2

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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: 50.206 ng

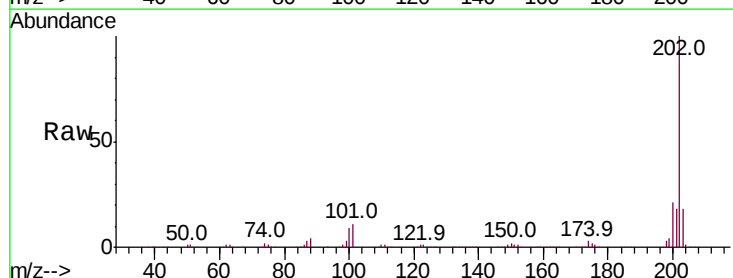
RT: 19.87 min Scan# 2822

Delta R.T. 0.00 min

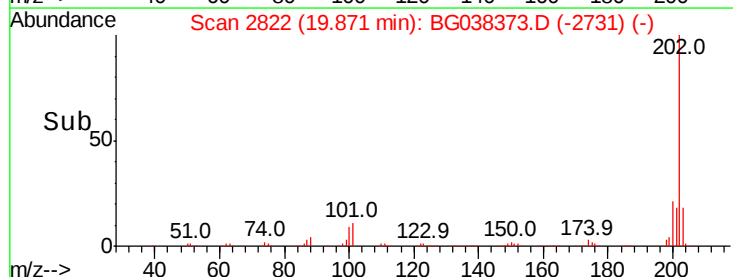
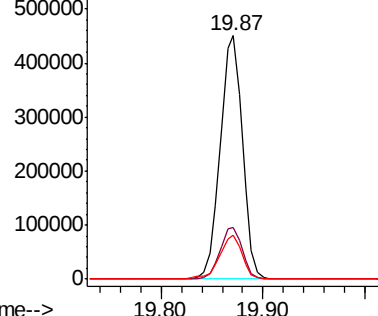
Lab File: BG038373.D

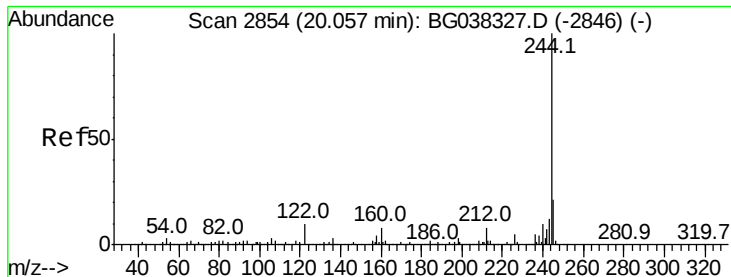
Acq: 6 Dec 2018 00:23

Tgt Ion:	202	Resp:	685268
Ion Ratio	Lower	Upper	
202	100		
200	21.1	17.8	26.6
203	18.2	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: 102.276 ng

RT: 20.06 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BG038373.D

Acq: 6 Dec 2018 00:23

Instrument :

BNA_G

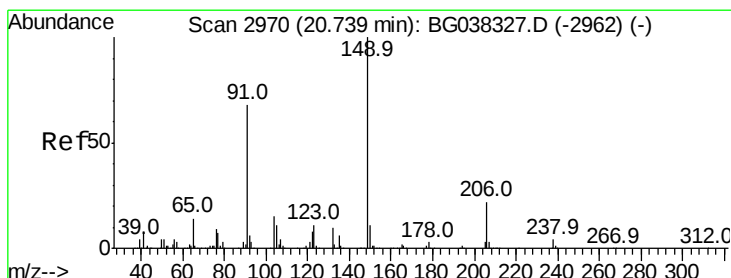
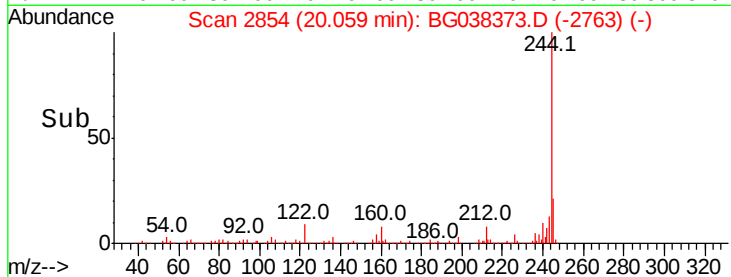
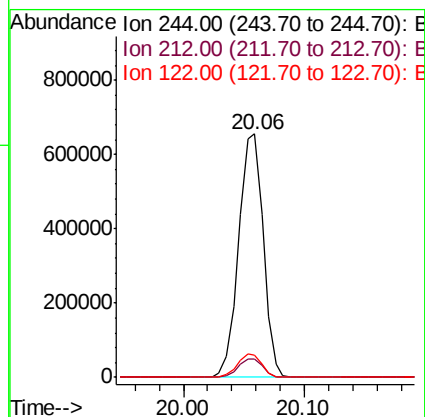
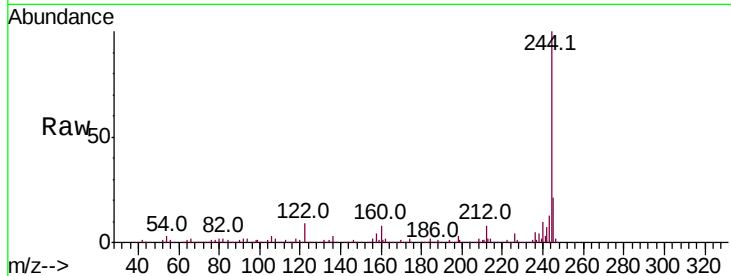
ClientSampleId :

PB115183BSD

Tot Ion:	244	Resp:	931343
Ion Ratio	Lower	Upper	
244	100		
212	7.8	6.5	9.7
122	9.1	9.0	13.4

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#80

Butylbenzylphthalate

Concen: 49.327 ng

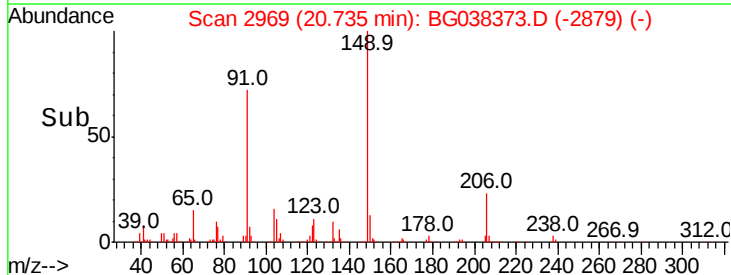
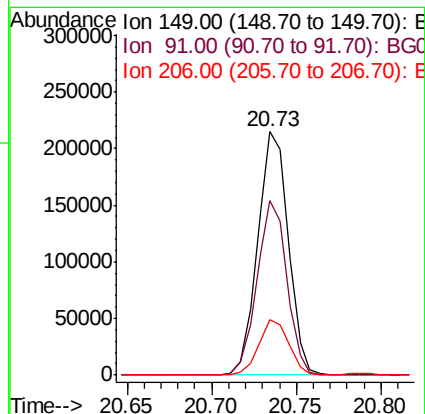
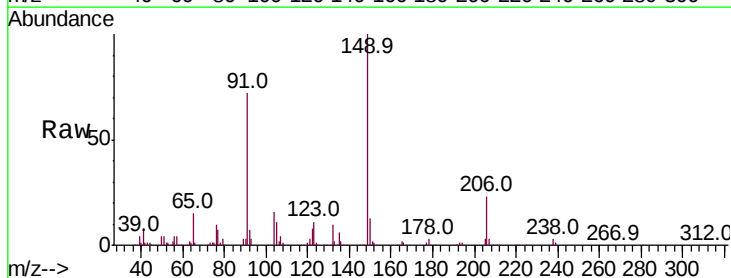
RT: 20.73 min Scan# 2969

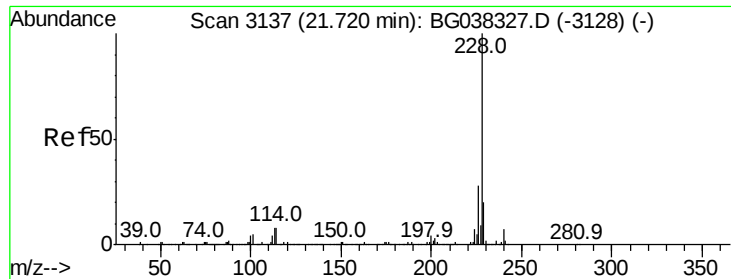
Delta R.T. -0.00 min

Lab File: BG038373.D

Acq: 6 Dec 2018 00:23

Tgt Ion:	149	Resp:	270792
Ion Ratio	Lower	Upper	
149	100		
91	71.7	57.0	85.4
206	22.8	17.8	26.6





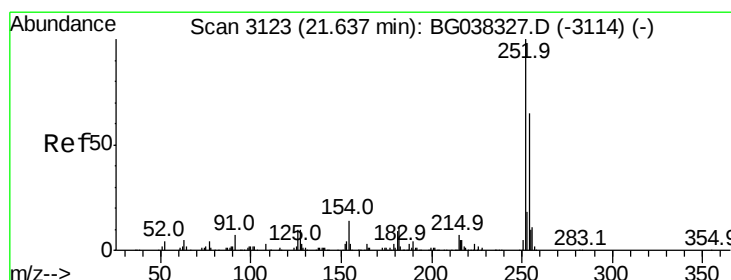
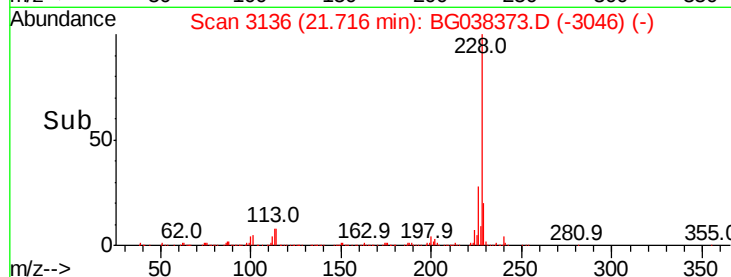
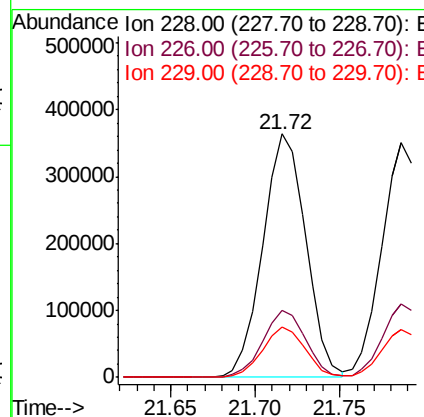
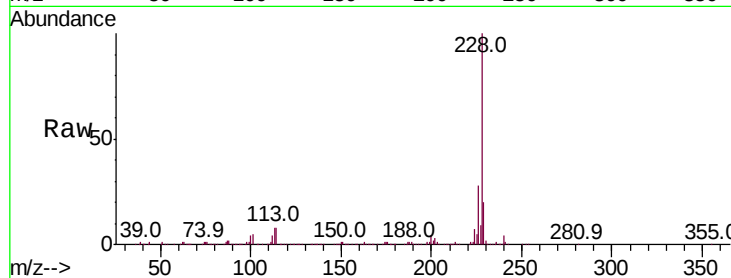
#81
Benzo(a)anthracene
Concen: 53.322 ng
RT: 21.72 min Scan# 3136
Delta R.T. -0.00 min
Lab File: BG038373.D
Acq: 6 Dec 2018 00:23

Instrument :
BNA_G
ClientSampleId :
PB115183BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	20.4	16.3	24.5

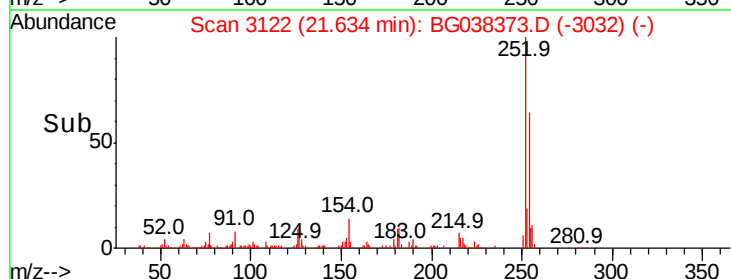
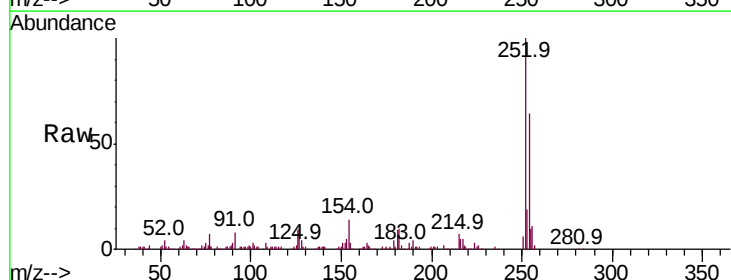
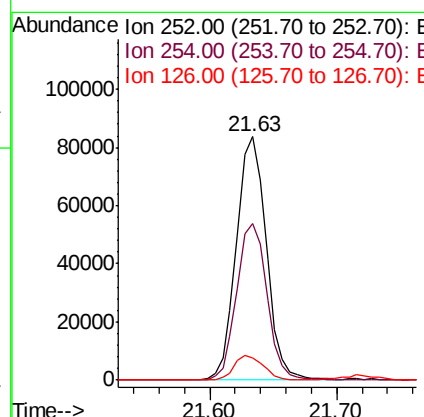
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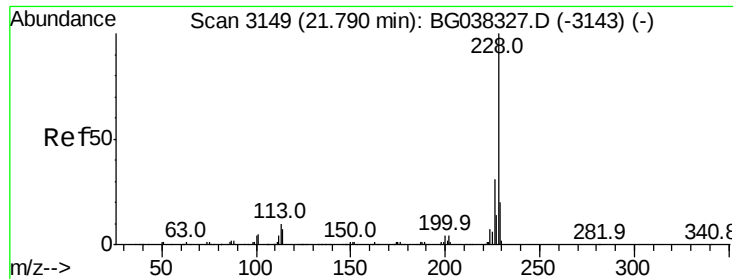
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#82
3,3'-Dichlorobenzidine
Concen: 29.405 ng
RT: 21.63 min Scan# 3122
Delta R.T. -0.00 min
Lab File: BG038373.D
Acq: 6 Dec 2018 00:23

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.4	52.0	78.0
126	9.2	8.2	12.4





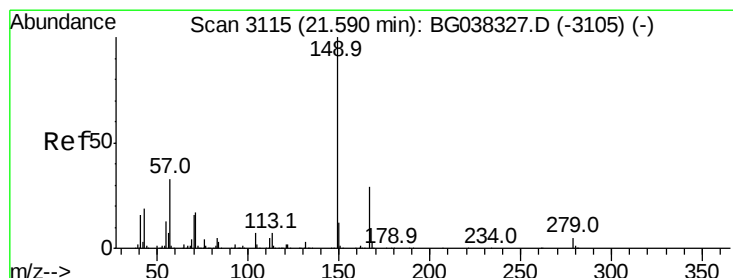
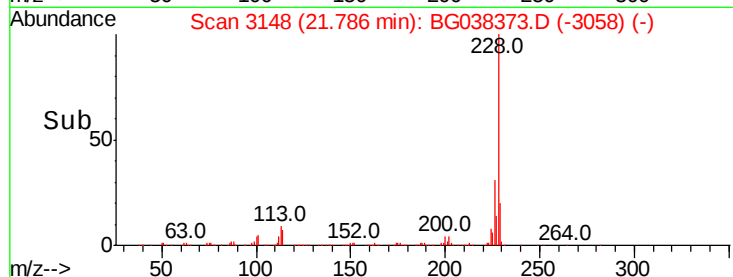
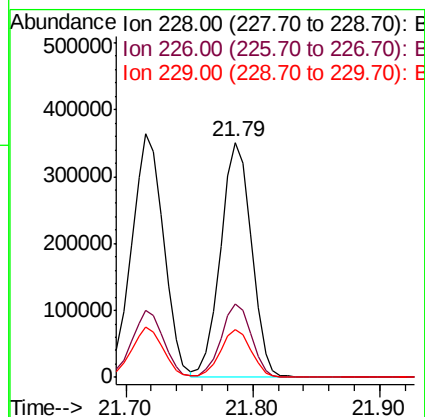
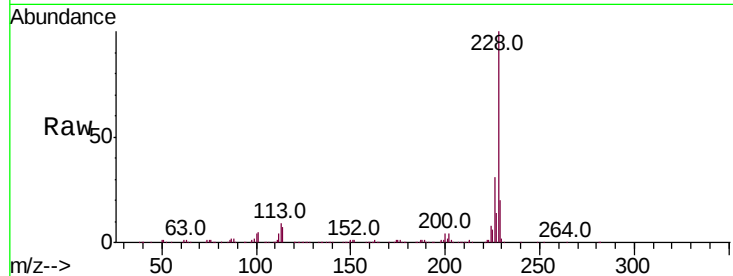
#83
 Chrysene
 Concen: 52.212 ng
 RT: 21.79 min Scan# 3148
 Delta R.T. -0.00 min
 Lab File: BG038373.D
 Acq: 6 Dec 2018 00:23

Instrument :
 BNA_G
 ClientSampleId :
 PB115183BSD

Tot Ion:	228	Resp:	592386
Ion Ratio	Lower	Upper	
228	100		
226	31.4	25.7	38.5
229	20.5	16.5	24.7

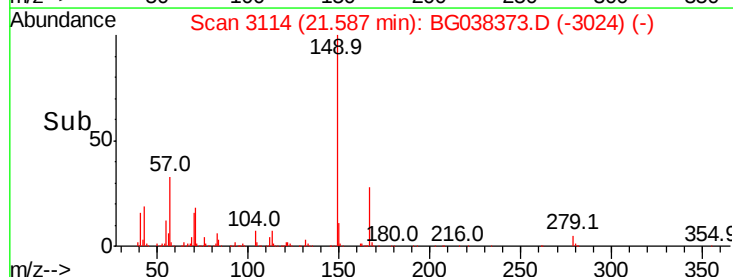
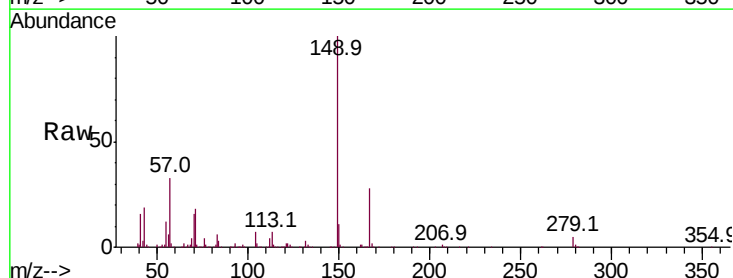
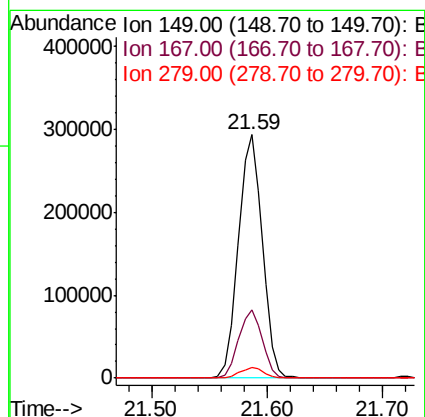
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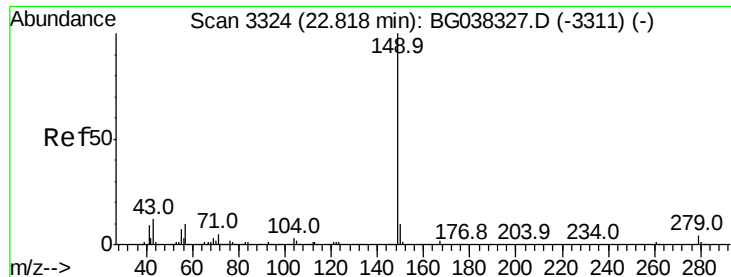
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 54.065 ng
 RT: 21.59 min Scan# 3114
 Delta R.T. -0.00 min
 Lab File: BG038373.D
 Acq: 6 Dec 2018 00:23

Tgt Ion:	149	Resp:	420680
Ion Ratio	Lower	Upper	
149	100		
167	28.1	23.0	34.4
279	4.6	3.6	5.4





#85

Di-n-octyl phthalate

Concen: 53.206 ng

RT: 22.82 min Scan# 3324

Delta R.T. 0.00 min

Lab File: BG038373.D

Acq: 6 Dec 2018 00:23

Instrument :

BNA_G

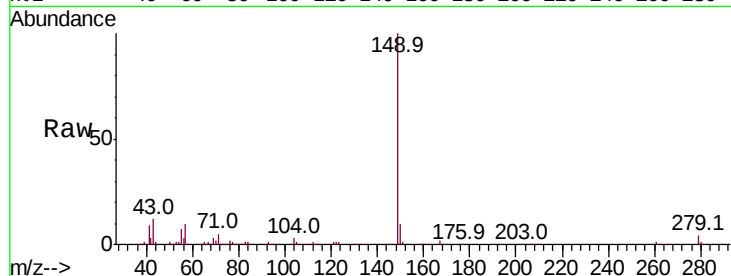
ClientSampleId :

PB115183BSD

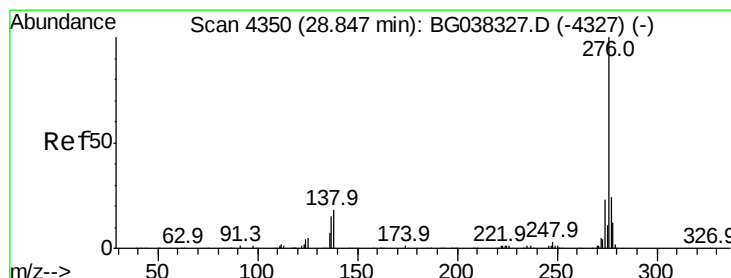
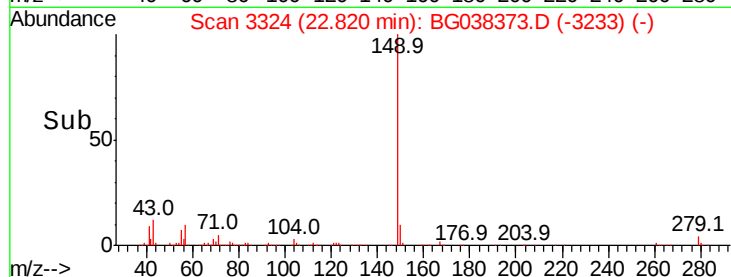
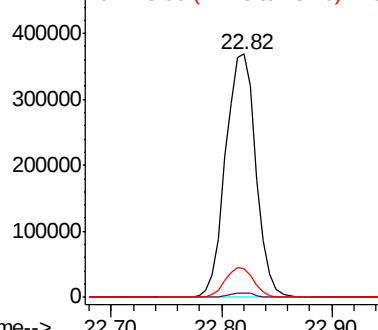
Tot Ion:	149	Resp:	709875
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	11.8	8.7	13.1

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 54.736 ng

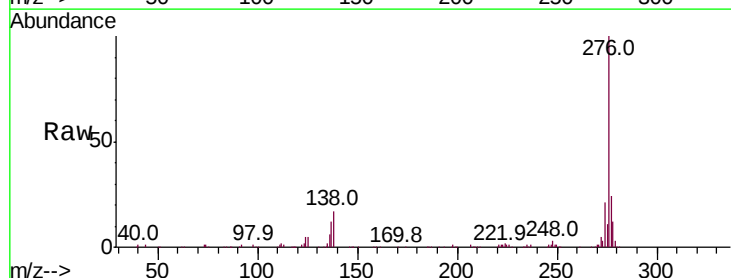
RT: 28.84 min Scan# 4349

Delta R.T. -0.00 min

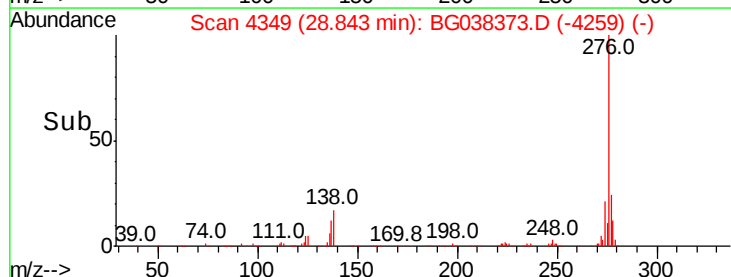
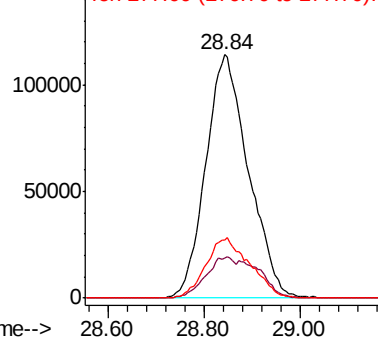
Lab File: BG038373.D

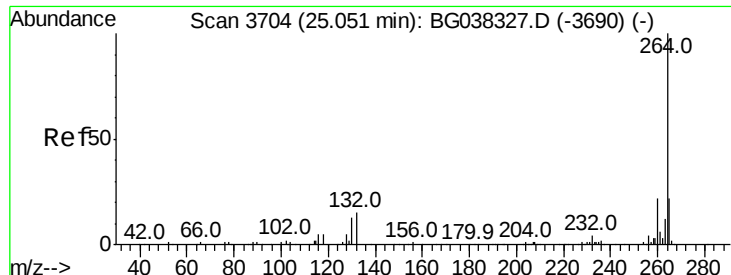
Acq: 6 Dec 2018 00:23

Tgt Ion:	276	Resp:	705785
Ion Ratio	Lower	Upper	
276	100		
138	11.5	12.0	18.0#
277	25.5	20.6	30.8



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.05 min Scan# 3703

Delta R.T. -0.00 min

Lab File: BG038373.D

Acq: 6 Dec 2018 00:23

Instrument :

BNA_G

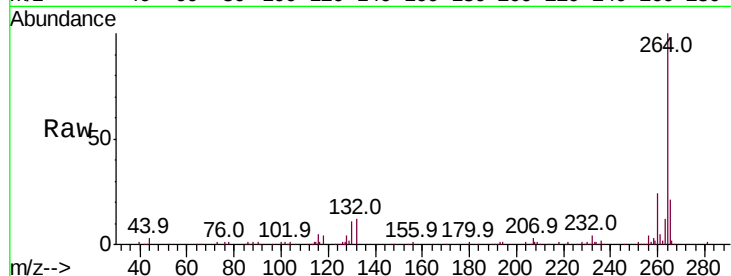
ClientSampleId :

PB115183BSD

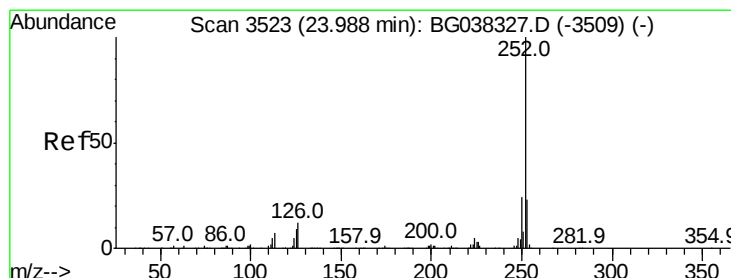
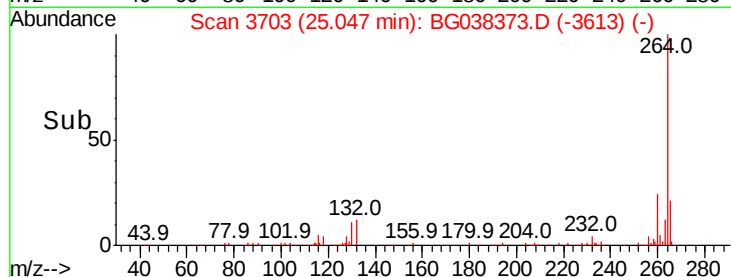
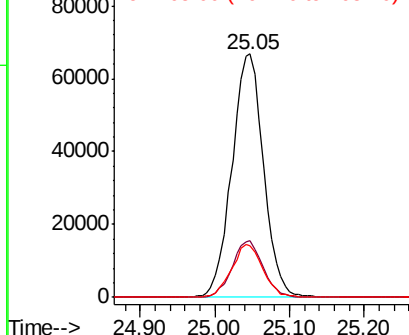
Tot Ion:	264	Resp:	196525
Ion Ratio	Lower	Upper	
264	100		
260	23.5	18.2	27.4
265	21.2	17.9	26.9

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 55.661 ng

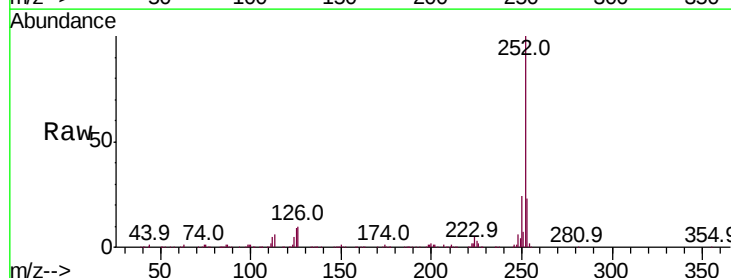
RT: 23.99 min Scan# 3523

Delta R.T. 0.00 min

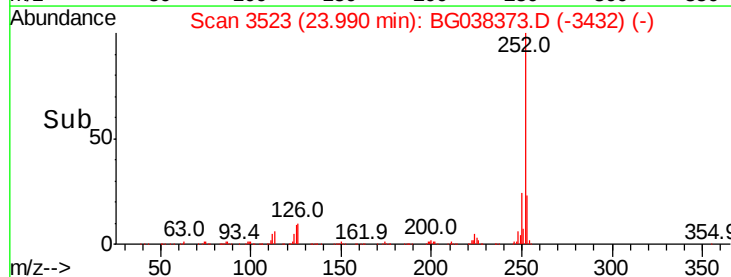
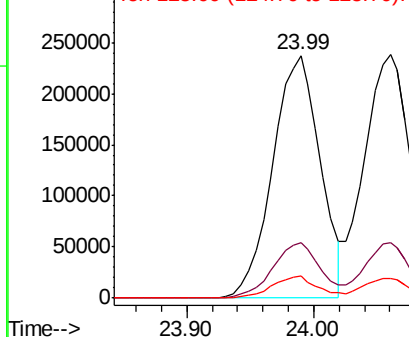
Lab File: BG038373.D

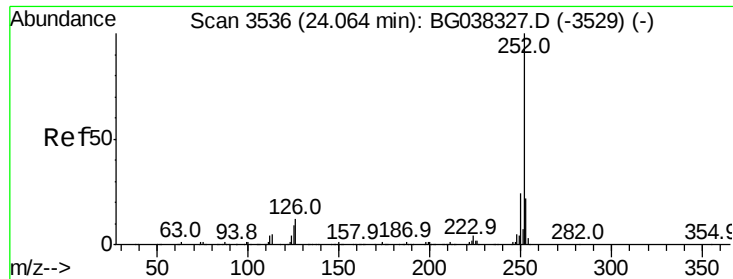
Acq: 6 Dec 2018 00:23

Tgt Ion:	252	Resp:	618077
Ion Ratio	Lower	Upper	
252	100		
253	22.9	18.2	27.2
125	9.0	7.8	11.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 54.687 ng

RT: 24.06 min Scan# 3535

Delta R.T. -0.00 min

Lab File: BG038373.D

Acq: 6 Dec 2018 00:23

Instrument :

BNA_G

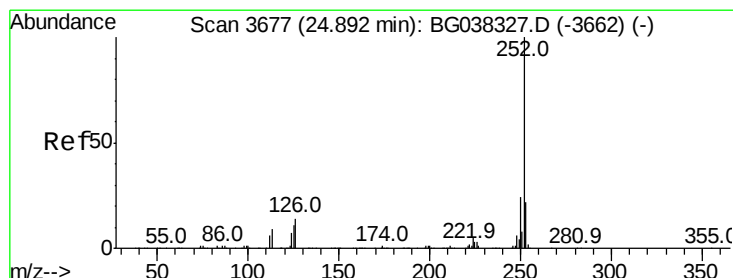
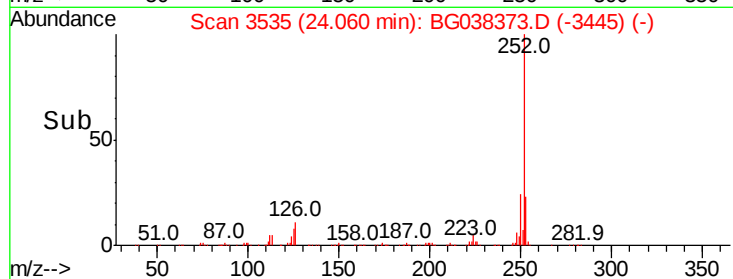
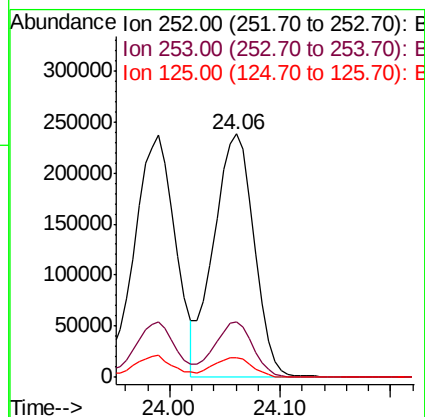
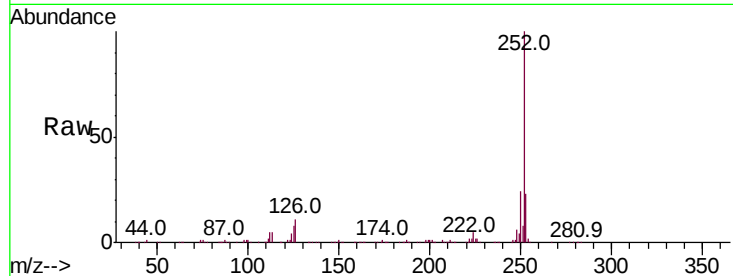
ClientSampleId :

PB115183BSD

Tot Ion:	252	Resp:	604813
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.4	26.2
125	8.0	7.4	11.0

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#90

Benzo(a)pyrene

Concen: 55.417 ng

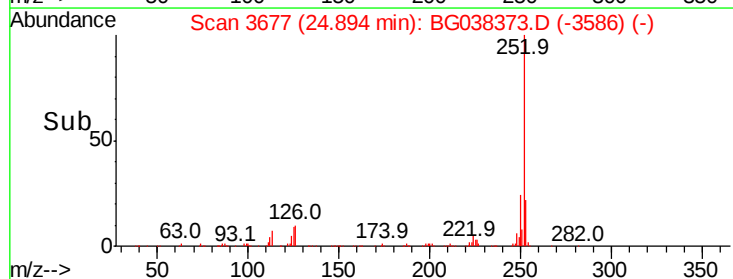
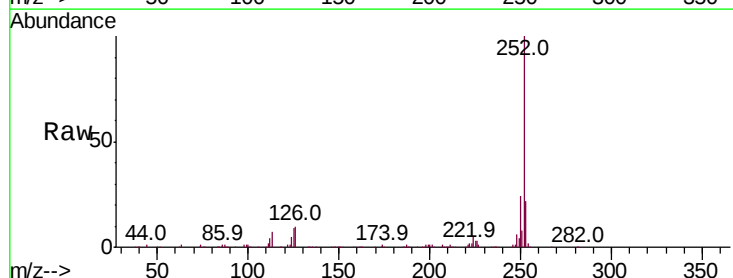
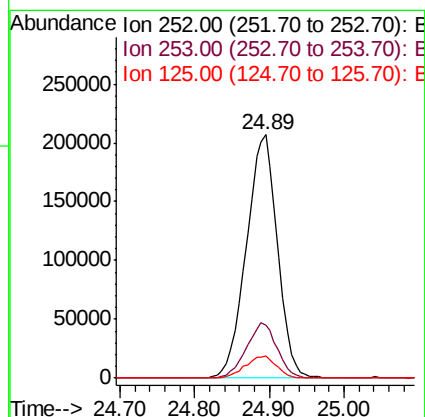
RT: 24.89 min Scan# 3677

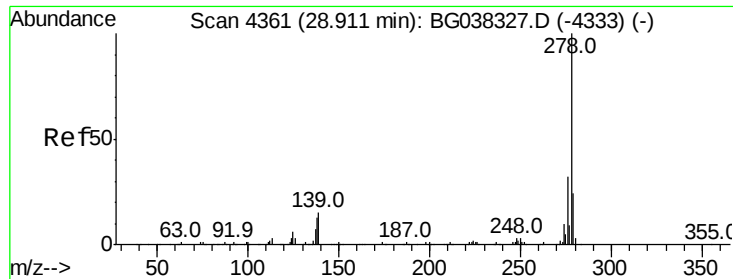
Delta R.T. 0.00 min

Lab File: BG038373.D

Acq: 6 Dec 2018 00:23

Tgt Ion:	252	Resp:	596903
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.4	26.2
125	8.9	9.0	13.6#





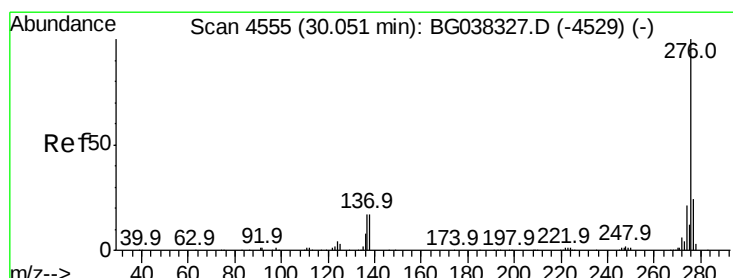
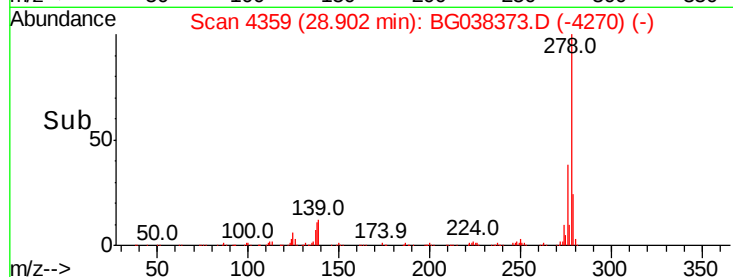
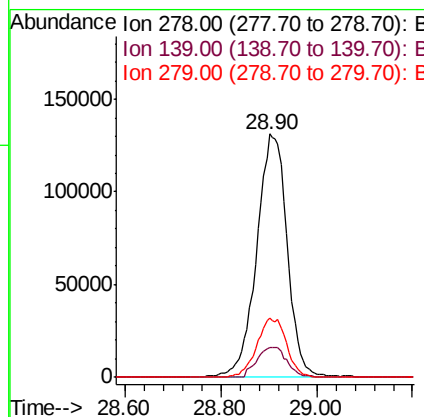
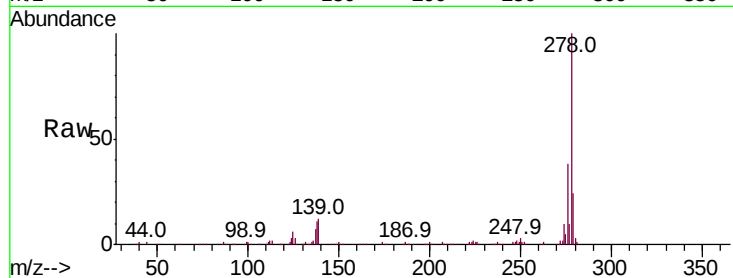
#91
Dibenzo(a,h)anthracene
Concen: 56.777 ng
RT: 28.90 min Scan# 4359
Delta R.T. -0.01 min
Lab File: BG038373.D
Acq: 6 Dec 2018 00:23

Instrument :
BNA_G
ClientSampleId :
PB115183BSD

Tot Ion:	278	Resp:	580017
Ion Ratio	Lower	Upper	
278	100		
139	12.1	11.5	17.3
279	24.3	18.6	27.8

Manual Integrations
APPROVED

mohammad
12/6/2018 12:10:24 PM



#92
Benzo(g,h,i)perylene
Concen: 57.739 ng
RT: 30.05 min Scan# 4555
Delta R.T. 0.00 min
Lab File: BG038373.D
Acq: 6 Dec 2018 00:23

Tgt Ion:	276	Resp:	585215
Ion Ratio	Lower	Upper	
276	100		
277	24.0	18.9	28.3
138	16.8	17.2	25.8#

