

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060519\
 Data File : BG041078.D
 Acq On : 5 Jun 2019 18:53
 Operator : HP/JU
 Sample : K2241-09
 Misc : MDL-WATER-8PPM
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-MDL-WATER-03-QT2-2019

Manual Integrations
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mohammad
 6/6/2019 3:42:33 PM

Quant Time: Jun 06 08:44:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 18:39:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	36417	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	134330	20.00	ng	-0.02
39) Acenaphthene-d10	14.74	164	87362	20.00	ng	-0.02
64) Phenanthrene-d10	17.48	188	236180	20.00	ng	-0.02
76) Chrysene-d12	21.77	240	290728	20.00	ng	-0.02
87) Perylene-d12	25.09	264	311125	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	241894	119.78	ng	-0.01
7) Phenol-d6	7.25	99	331290	106.22	ng	-0.01
23) Nitrobenzene-d5	9.29	82	226503	74.86	ng	-0.02
42) 2,4,6-Tribromophenol	16.23	330	167632	129.25	ng	-0.02
45) 2-Fluorobiphenyl	13.36	172	496998	81.93	ng	-0.02
79) Terphenyl-d14	20.08	244	1021846	74.60	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	8708	9.502	ng	96
3) Pyridine	3.93	79	18788	6.928	ng	# 77
4) n-Nitrosodimethylamine	3.85	42	8117	6.450	ng	# 91
6) Aniline	7.44	93	26518	6.370	ng	95
8) 2-Chlorophenol	7.67	128	17369	7.214	ng	91
9) Benzaldehyde	7.25	77	18476	9.930	ng	81
10) Phenol	7.28	94	22608	6.760	ng	95
11) bis(2-Chloroethyl)ether	7.53	93	16634	6.856	ng	96
12) 1,3-Dichlorobenzene	8.00	146	19416	6.752	ng	96
13) 1,4-Dichlorobenzene	8.15	146	20026	6.880	ng	90
14) 1,2-Dichlorobenzene	8.47	146	20298	7.182	ng	94
15) Benzyl Alcohol	8.35	79	17793	6.167	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.63	45	24517	6.184	ng	93
17) 2-Methylphenol	8.54	107	14523	5.998	ng	# 93
18) Hexachloroethane	9.20	117	7214	6.430	ng	86
19) n-Nitroso-di-n-propylamine	8.91	70	15030	6.262	ng	# 94
20) 3+4-Methylphenols	8.88	107	19126	5.702	ng	96
22) Acetophenone	8.94	105	29129	7.730	ng	# 95
24) Nitrobenzene	9.33	77	24436	7.924	ng	91
25) Isophorone	9.85	82	39593	6.876	ng	# 94
26) 2-Nitrophenol	10.04	139	9609	7.559	ng	# 80
27) 2,4-Dimethylphenol	10.09	122	14694	6.999	ng	93
28) bis(2-Chloroethoxy)methane	10.33	93	21185	6.816	ng	96
29) 2,4-Dichlorophenol	10.57	162	16846	6.319	ng	98
30) 1,2,4-Trichlorobenzene	10.79	180	20756	6.843	ng	94
31) Naphthalene	10.98	128	54504	7.557	ng	97
32) Benzoic acid	10.20	122	2935m	9.623	ng	
33) 4-Chloroaniline	11.10	127	21983	6.569	ng	95
34) Hexachlorobutadiene	11.24	225	15960	6.877	ng	92
35) Caprolactam	11.85	113	5522	6.272	ng	# 74
36) 4-Chloro-3-methylphenol	12.20	107	18969	6.230	ng	92
37) 2-Methylnaphthalene	12.58	142	36907	6.644	ng	97
38) 1-Methylnaphthalene	12.79	142	37339	7.133	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	28780	8.173	ng	96

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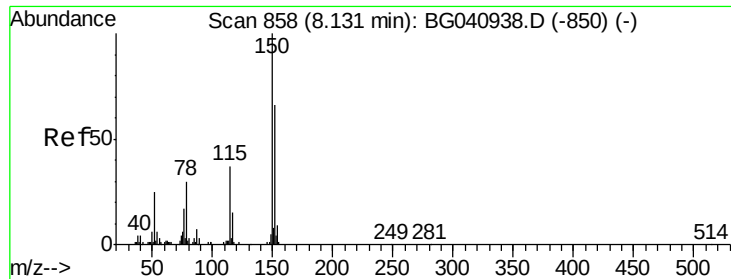
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	10225	13.081	ng	89
43) 2,4,6-Trichlorophenol	13.18	196	16501	7.244	ng	97
44) 2,4,5-Trichlorophenol	13.25	196	18971	7.897	ng	89
46) 1,1'-Biphenyl	13.58	154	49996	7.731	ng	98
47) 2-Chloronaphthalene	13.62	162	41919	7.551	ng	97
48) 2-Nitroaniline	13.83	65	13642	6.850	ng	# 87
49) Acenaphthylene	14.47	152	66062	7.906	ng	96
50) Dimethylphthalate	14.19	163	54264	7.338	ng	# 95
51) 2,6-Dinitrotoluene	14.32	165	12008	7.531	ng	94
52) Acenaphthene	14.80	154	37457	7.400	ng	87
53) 3-Nitroaniline	14.65	138	11868	7.443	ng	81
54) 2,4-Dinitrophenol	14.87	184	1220	10.096	ng	# 83
55) Dibenzofuran	15.14	168	68107	7.997	ng	95
56) 4-Nitrophenol	14.95	139	6109	5.586	ng	96
57) 2,4-Dinitrotoluene	15.10	165	16160	7.175	ng	89
58) Fluorene	15.79	166	52359	7.719	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.36	232	19064	8.075	ng	95
60) Diethylphthalate	15.54	149	53107	7.037	ng	94
61) 4-Chlorophenyl-phenylether	15.77	204	31660	7.181	ng	98
62) 4-Nitroaniline	15.81	138	13304	7.882	ng	89
63) Azobenzene	16.06	77	52042	7.587	ng	98
65) 4,6-Dinitro-2-methylphenol	15.86	198	6054m	12.517	ng	
66) n-Nitrosodiphenylamine	15.98	169	47716	7.187	ng	98
67) 4-Bromophenyl-phenylether	16.67	248	21194	6.649	ng	94
68) Hexachlorobenzene	16.78	284	21854	6.439	ng	96
69) Atrazine	16.92	200	20700	8.080	ng	91
70) Pentachlorophenol	17.13	266	9193	9.043	ng	93
71) Phenanthrene	17.53	178	95419	7.756	ng	98
72) Anthracene	17.62	178	97746	8.056	ng	96
73) Carbazole	17.89	167	86316	8.291	ng	97
74) Di-n-butylphthalate	18.42	149	94030	7.267	ng	99
75) Fluoranthene	19.53	202	134148	8.828	ng	97
77) Benzidine	19.71	184	58984	8.505	ng	96
78) Pyrene	19.89	202	137463	7.273	ng	97
80) Butylbenzylphthalate	20.76	149	48607	6.609	ng	97
81) Benzo(a)anthracene	21.74	228	153873	7.951	ng	100
82) 3,3'-Dichlorobenzidine	21.66	252	54590	8.020	ng	91
83) Chrysene	21.81	228	144538	7.805	ng	96
84) Bis(2-ethylhexyl)phthalate	21.61	149	72397	6.993	ng	94
85) Di-n-octyl phthalate	22.85	149	128237	7.437	ng	99
86) Indeno(1,2,3-cd)pyrene	28.91	276	162769	7.175	ng	# 95
88) Benzo(b)fluoranthene	24.02	252	143476	7.603	ng	96
89) Benzo(k)fluoranthene	24.09	252	142735m	7.644	ng	
90) Benzo(a)pyrene	24.93	252	139774	7.763	ng	# 90
91) Dibenzo(a,h)anthracene	28.98	278	135413	7.527	ng	# 97
92) Benzo(g,h,i)perylene	30.12	276	135662	7.762	ng	# 90

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



#1

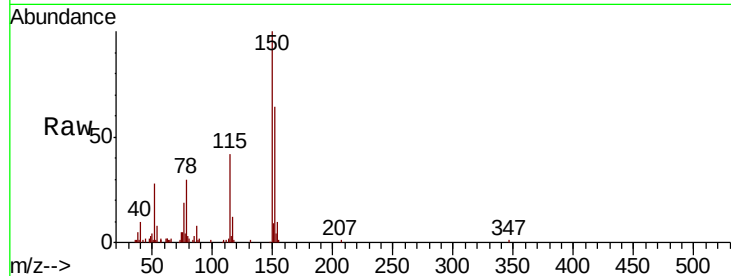
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 855
Delta R.T. -0.02 min
Lab File: BG041078.D
Acq: 5 Jun 2019 18:53

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	120.6	180.8
115	65.6	45.1	67.7

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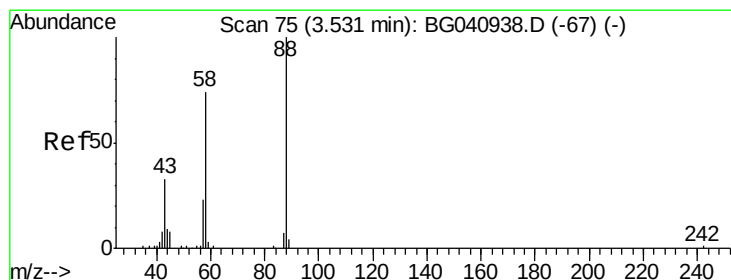
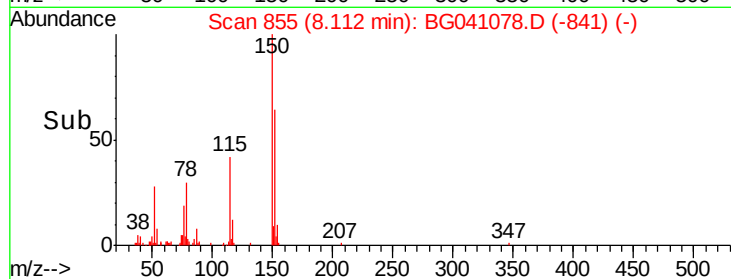
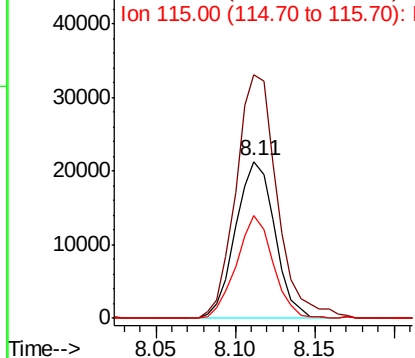


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

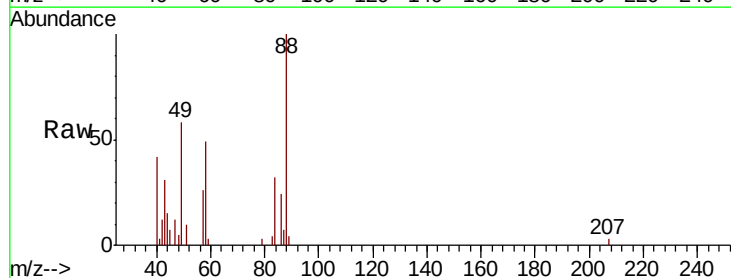
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 9.502 ng
RT: 3.52 min Scan# 73
Delta R.T. -0.01 min
Lab File: BG041078.D
Acq: 5 Jun 2019 18:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.7	59.0	88.6
43	32.7	27.2	40.8

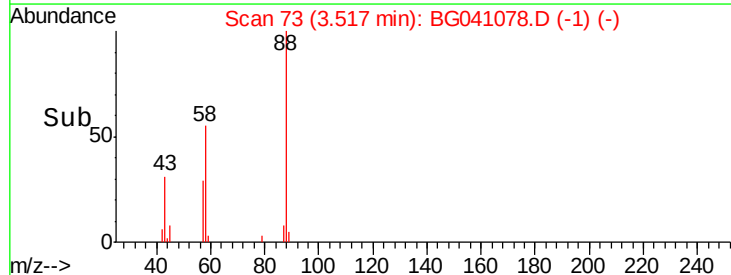
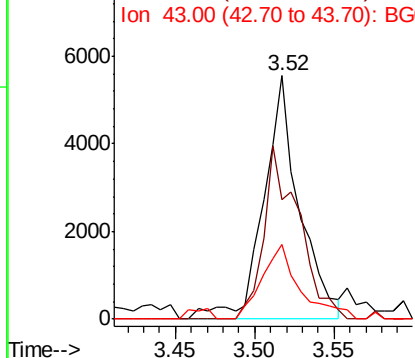


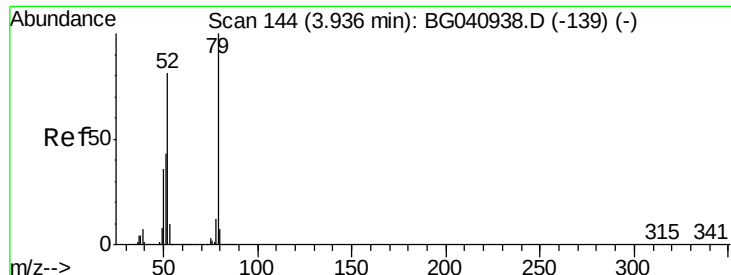
Abundance

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: 6.928 ng

RT: 3.93 min Scan# 144

Delta R.T. -0.00 min

Lab File: BG041078.D

Acq: 5 Jun 2019 18:53

Instrument :

BNA_G

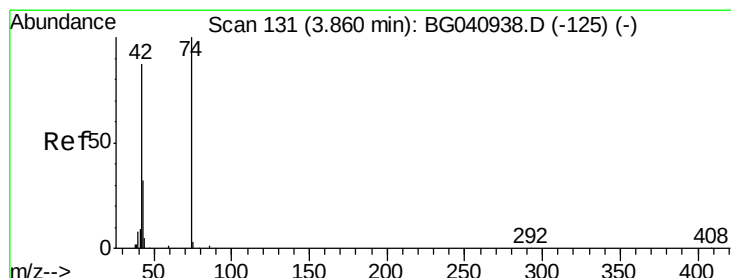
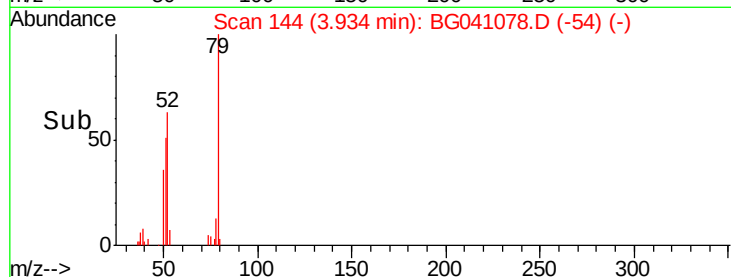
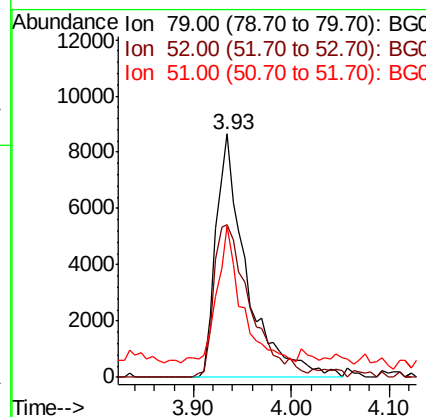
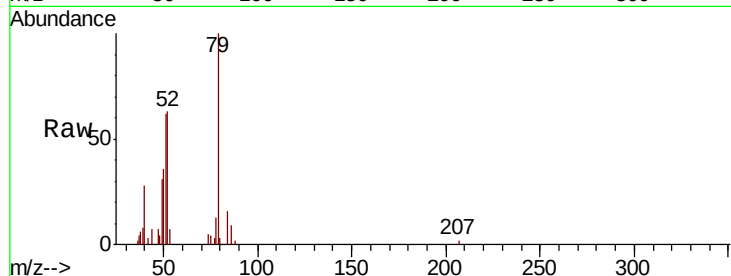
ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

Tot Ion:	79	Resp:	18788
Ion Ratio	Lower	Upper	
79	100		
52	63.0	64.8	97.2#
51	62.1	35.3	52.9#

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#4

n-Nitrosodimethylamine

Concen: 6.450 ng

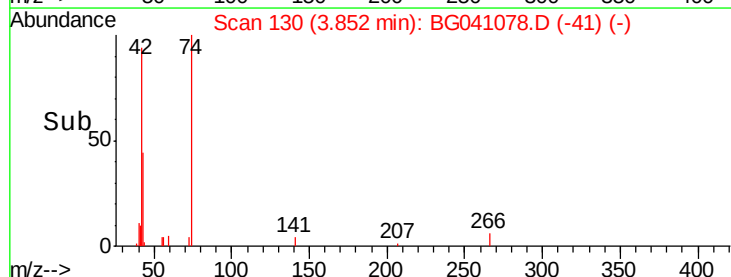
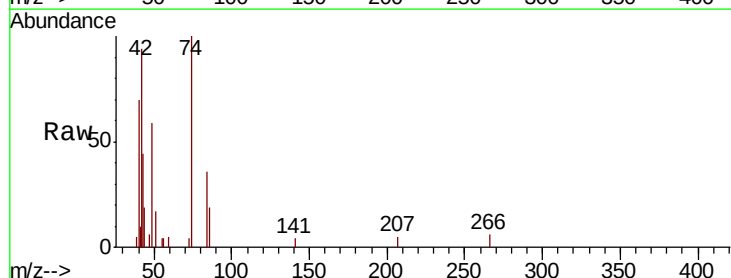
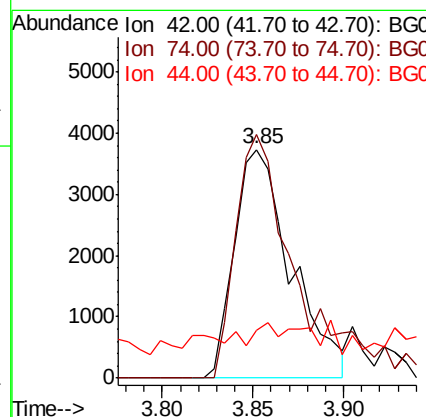
RT: 3.85 min Scan# 130

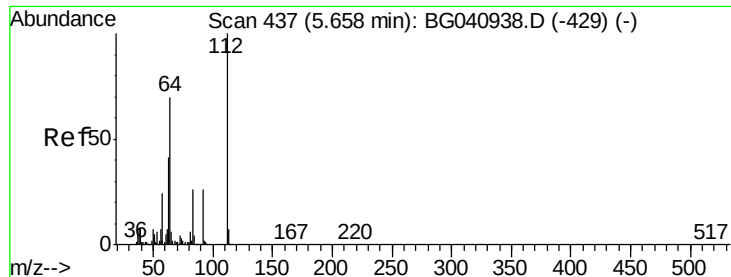
Delta R.T. -0.01 min

Lab File: BG041078.D

Acq: 5 Jun 2019 18:53

Tgt Ion:	42	Resp:	8117
Ion Ratio	Lower	Upper	
42	100		
74	106.7	91.8	137.6
44	20.7	6.0	9.0#





#5

2-Fluorophenol

Concen: 119.775 ng

RT: 5.64 min Scan# 435

Delta R.T. -0.01 min

Lab File: BG041078.D

Acq: 5 Jun 2019 18:53

Instrument :

BNA_G

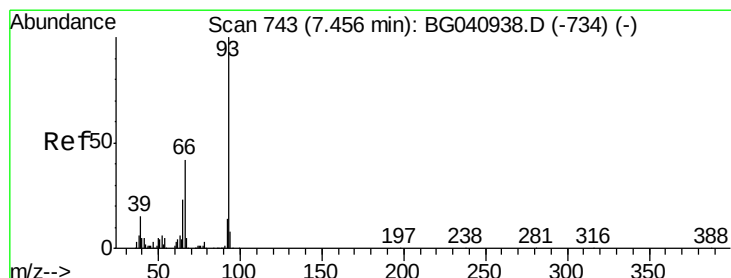
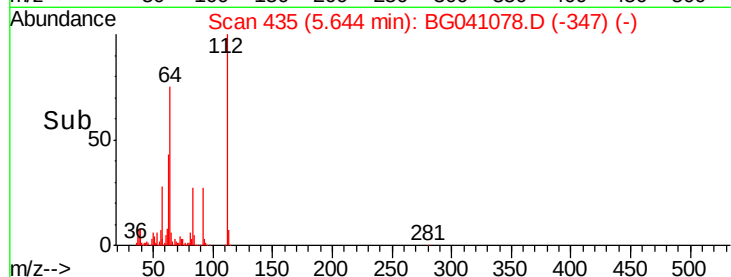
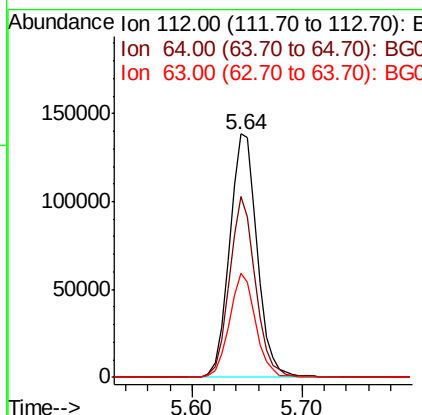
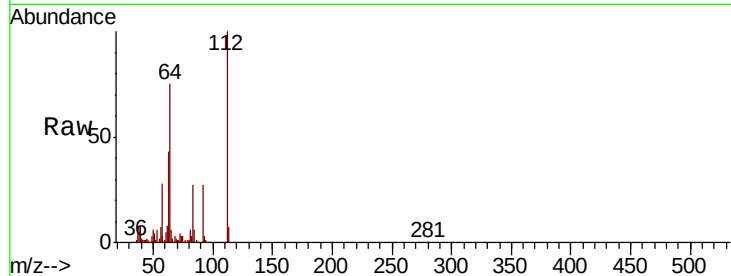
ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

Tot Ion:	112	Resp:	241894
Ion Ratio	Lower	Upper	
112	100		
64	74.6	56.2	84.2
63	42.5	32.8	49.2

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#6

Aniline

Concen: 6.370 ng

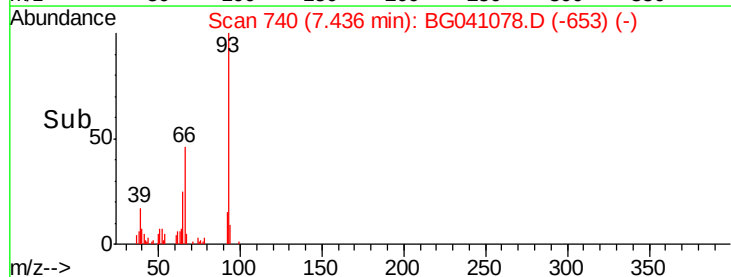
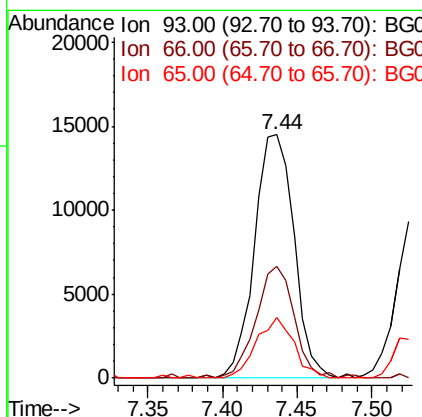
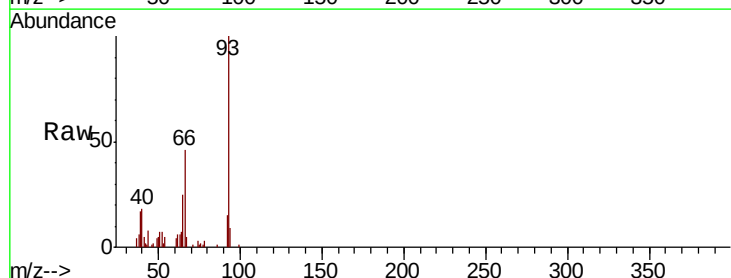
RT: 7.44 min Scan# 740

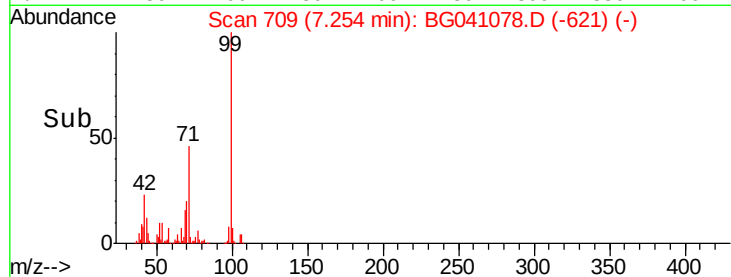
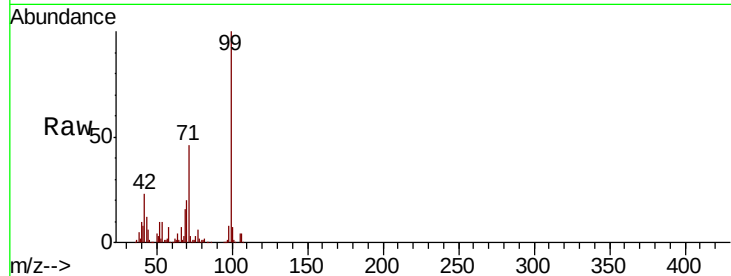
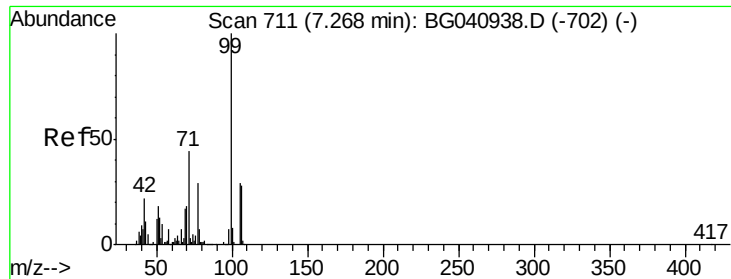
Delta R.T. -0.02 min

Lab File: BG041078.D

Acq: 5 Jun 2019 18:53

Tgt Ion:	93	Resp:	26518
Ion Ratio	Lower	Upper	
93	100		
66	45.9	33.8	50.8
65	24.9	18.3	27.5





#7

Phenol-d6

Concen: 106.217 ng

RT: 7.25 min Scan# 709

Delta R.T. -0.01 min

Lab File: BG041078.D

Acq: 5 Jun 2019 18:53

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		331290		
42	23.3	17.9	26.9		
71	45.9	35.4	53.0		

Instrument :

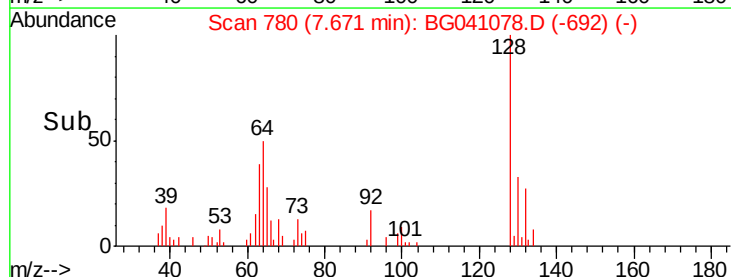
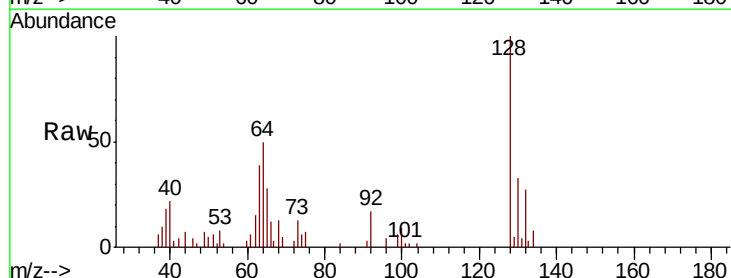
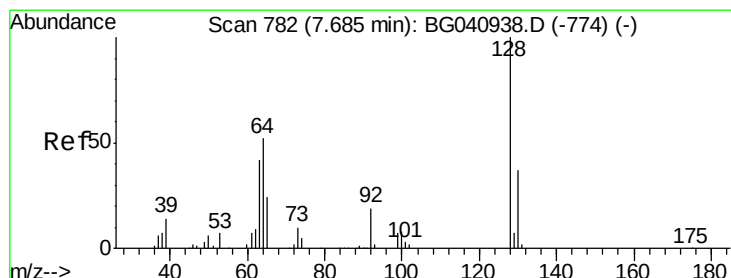
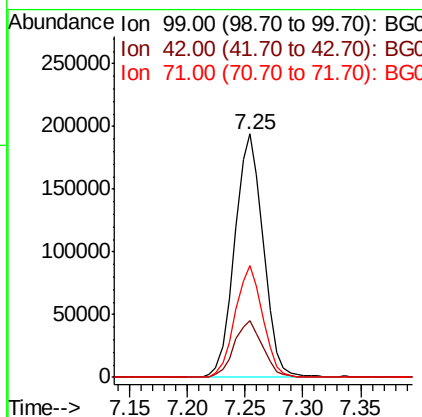
BNA_G

ClientSampleId :

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#8

2-Chlorophenol

Concen: 7.214 ng

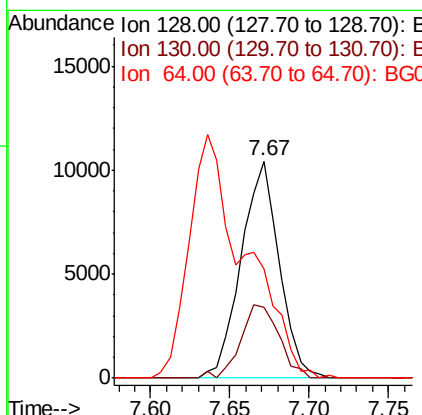
RT: 7.67 min Scan# 780

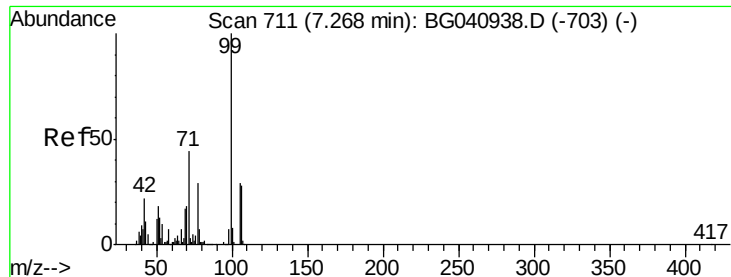
Delta R.T. -0.01 min

Lab File: BG041078.D

Acq: 5 Jun 2019 18:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		17369		
130	32.6	16.6	56.6		
64	50.2	37.8	77.8		





#9

Benzaldehyde

Concen: 9.930 ng

RT: 7.25 min Scan# 709

Delta R.T. -0.01 min

Lab File: BG041078.D

Acq: 5 Jun 2019 18:53

Instrument :

BNA_G

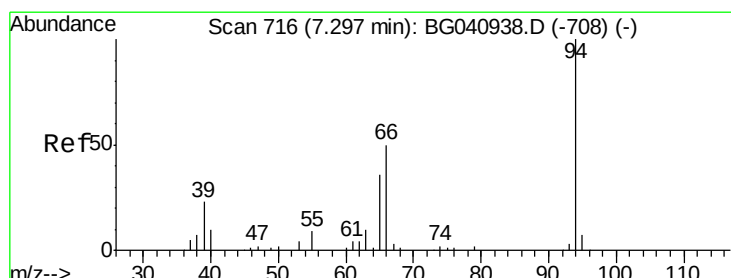
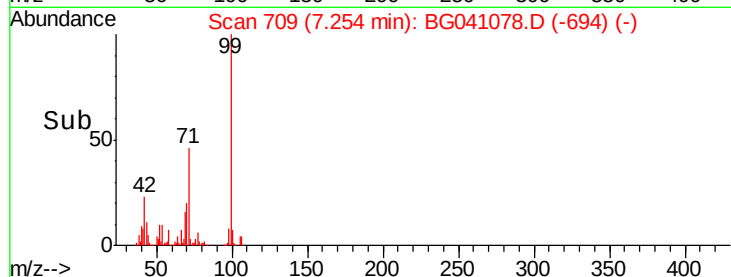
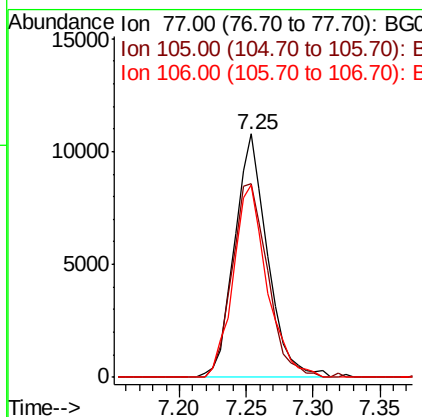
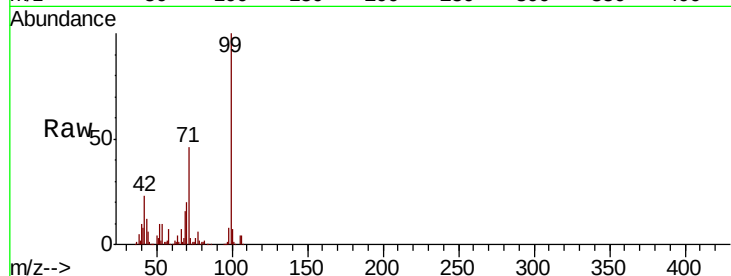
ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

Tot Ion:	77	Resp:	18476
Ion	Ratio	Lower	Upper
77	100		
105	79.7	78.9	118.9
106	79.3	76.7	116.7

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#10

Phenol

Concen: 6.760 ng

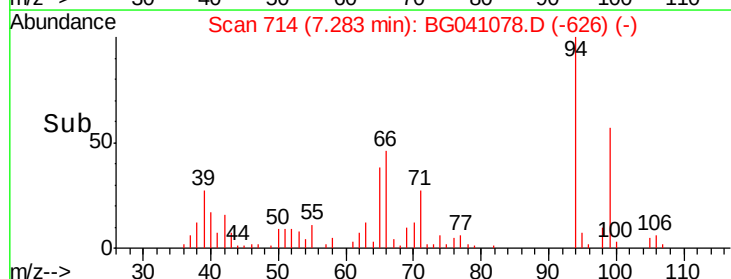
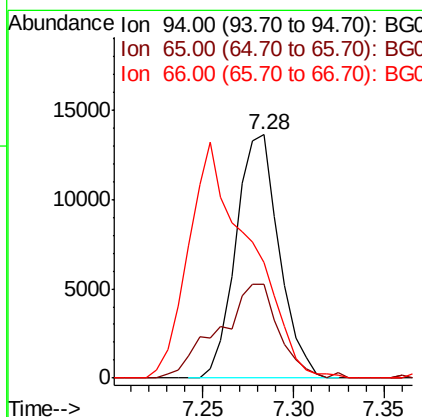
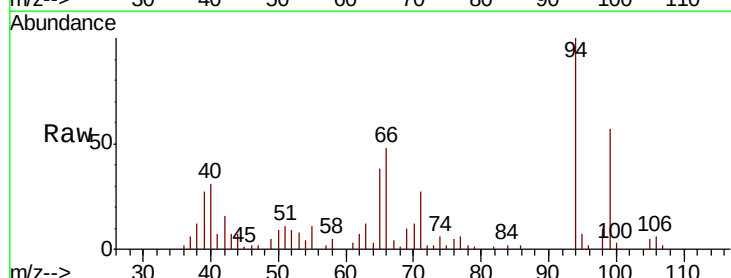
RT: 7.28 min Scan# 714

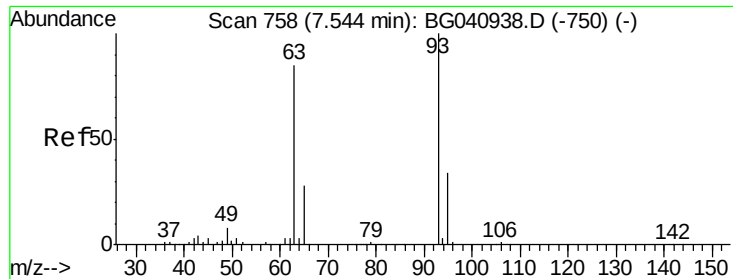
Delta R.T. -0.01 min

Lab File: BG041078.D

Acq: 5 Jun 2019 18:53

Tgt Ion:	94	Resp:	22608
Ion	Ratio	Lower	Upper
94	100		
65	38.3	17.0	57.0
66	47.5	32.4	72.4





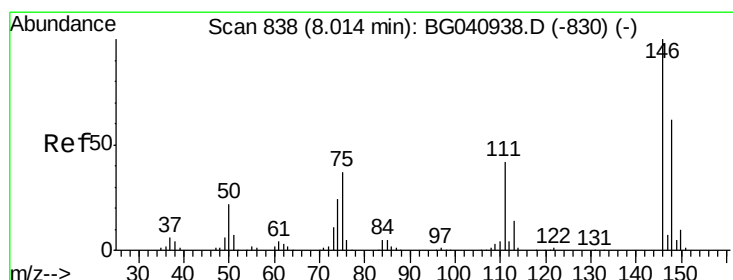
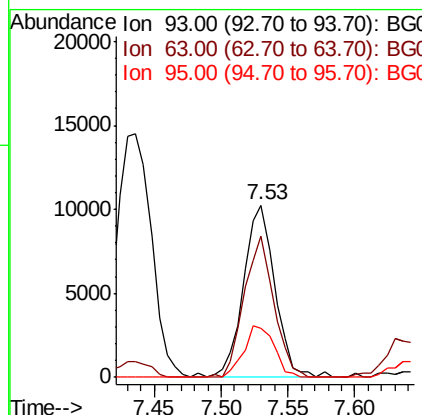
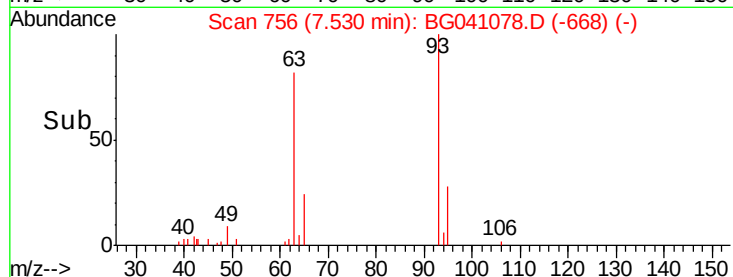
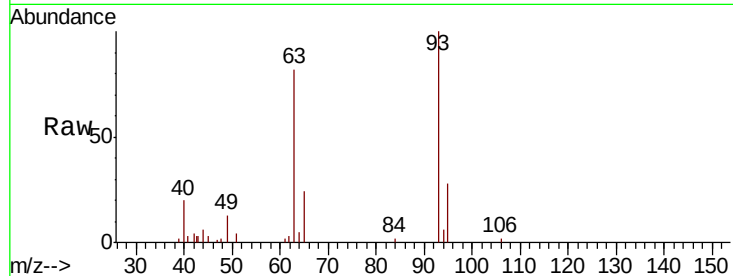
#11
bis(2-Chloroethyl)ether
Concen: 6.856 ng
RT: 7.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BG041078.D
Acq: 5 Jun 2019 18:53

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Tot Ion:	93	Resp:	16634
Ion	Ratio	Lower	Upper
93	100		
63	82.2	64.5	104.5
95	28.5	13.3	53.3

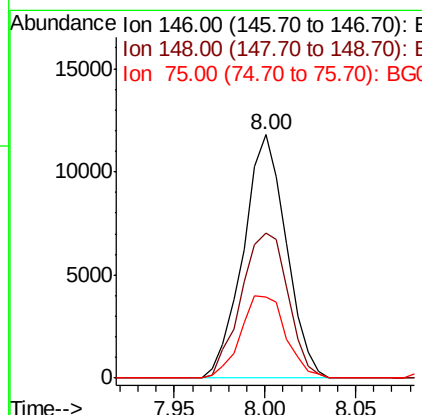
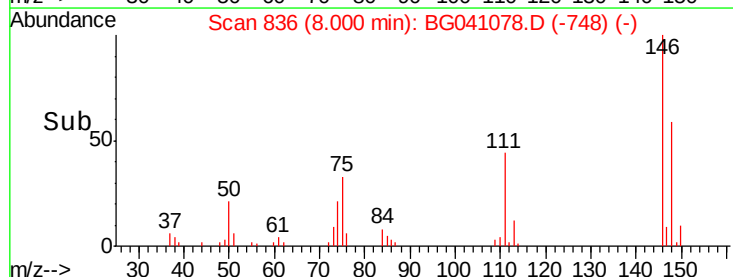
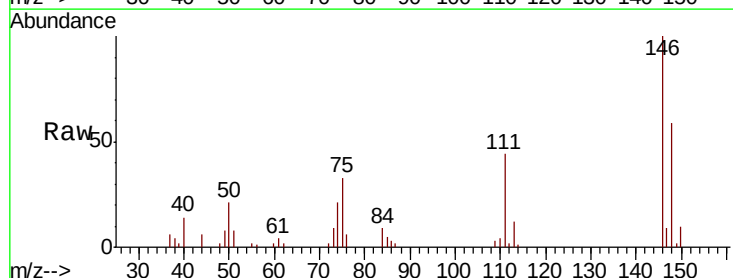
Manual Integrations
APPROVED

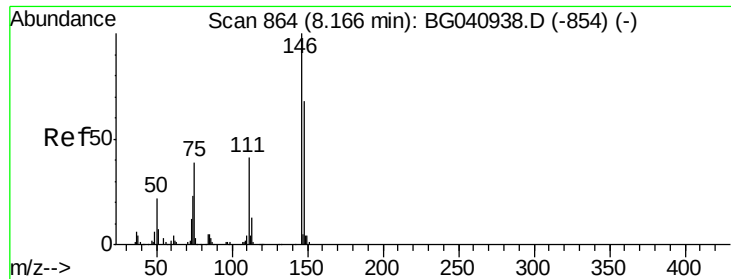
mohammad
6/6/2019 3:42:33 PM



#12
1,3-Dichlorobenzene
Concen: 6.752 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG041078.D
Acq: 5 Jun 2019 18:53

Tgt Ion:	146	Resp:	19416
Ion	Ratio	Lower	Upper
146	100		
148	59.5	49.2	73.8
75	33.1	29.4	44.0





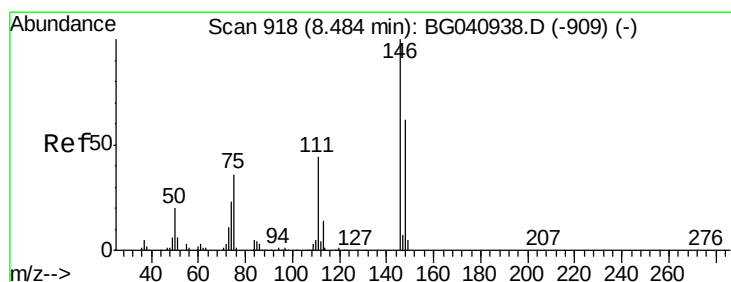
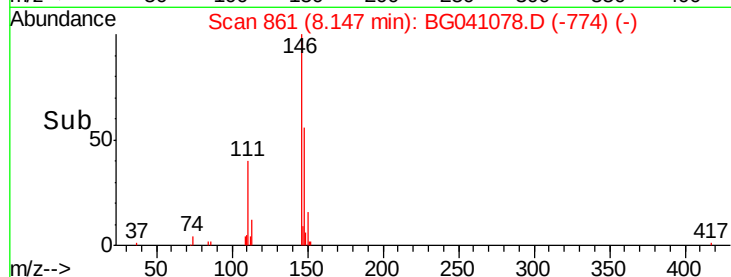
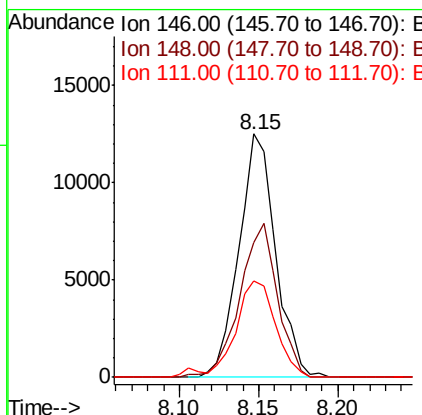
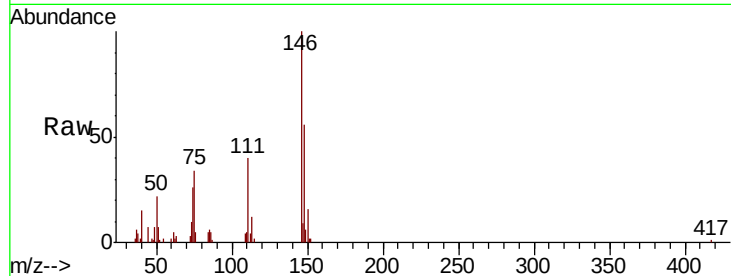
#13
 1,4-Dichlorobenzene
 Concen: 6.880 ng
 RT: 8.15 min Scan# 861
 Delta R.T. -0.02 min
 Lab File: BG041078.D
 Acq: 5 Jun 2019 18:53

Instrument :
 BNA_G
 ClientSampleId :
 MDL-MDL-WATER-03-QT2-2019

Tot Ion	Ratio	Lower	Upper
146	100		
148	55.6	54.2	81.4
111	39.5	32.9	49.3

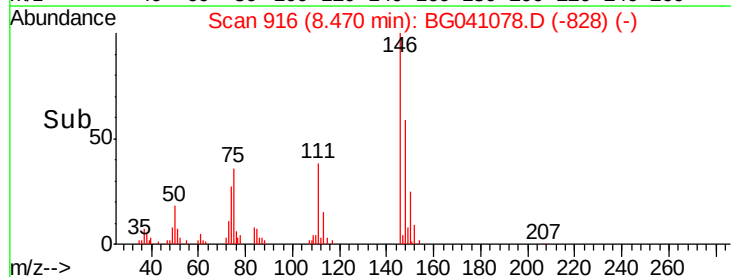
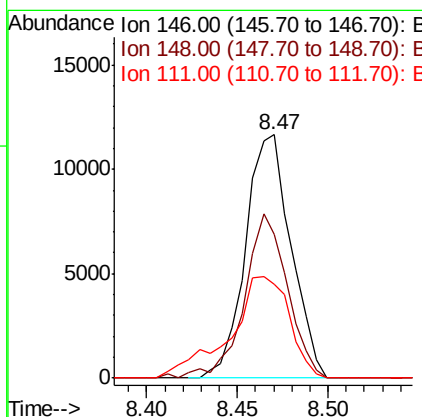
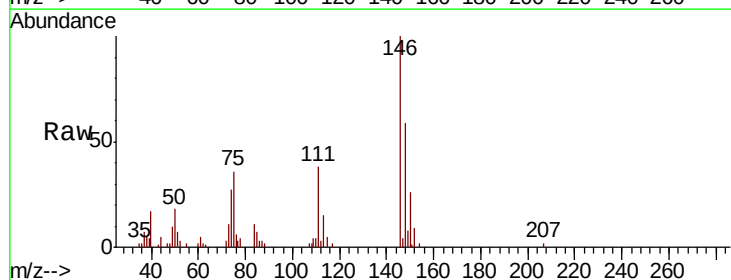
Manual Integrations
 APPROVED

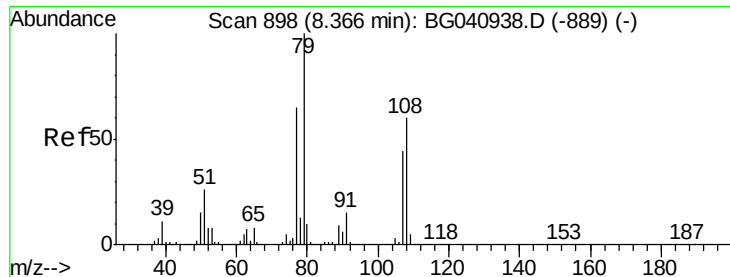
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 7.182 ng
 RT: 8.47 min Scan# 916
 Delta R.T. -0.01 min
 Lab File: BG041078.D
 Acq: 5 Jun 2019 18:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	59.1	49.8	74.6
111	38.4	35.0	52.4





#15

Benzyl Alcohol

Concen: 6.167 ng

RT: 8.35 min Scan# 896

Delta R.T. -0.01 min

Lab File: BG041078.D

Acq: 5 Jun 2019 18:53

Instrument :

BNA_G

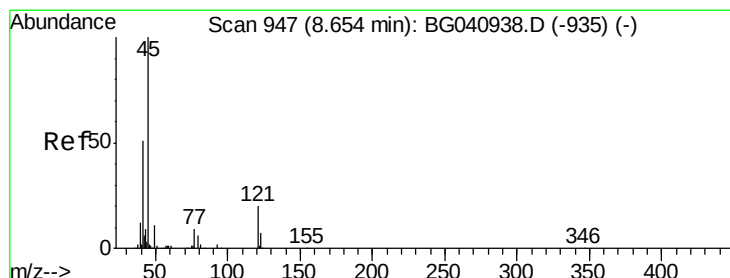
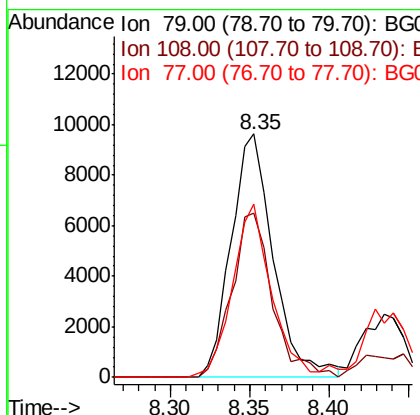
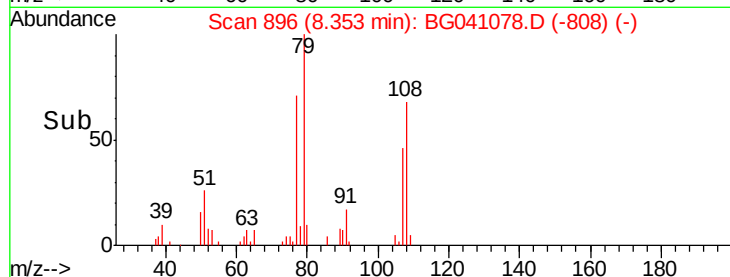
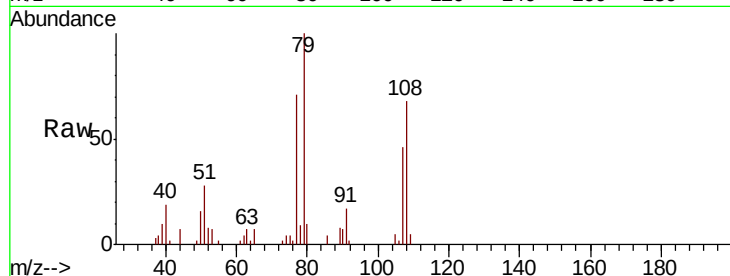
ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

Tot Ion:	79	Resp:	17793
Ion	Ratio	Lower	Upper
79	100		
108	67.7	48.3	72.5
77	71.2	52.3	78.5

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 6.184 ng

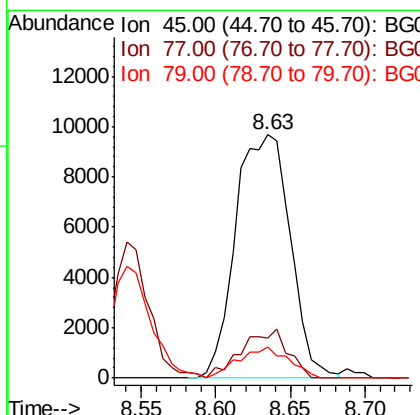
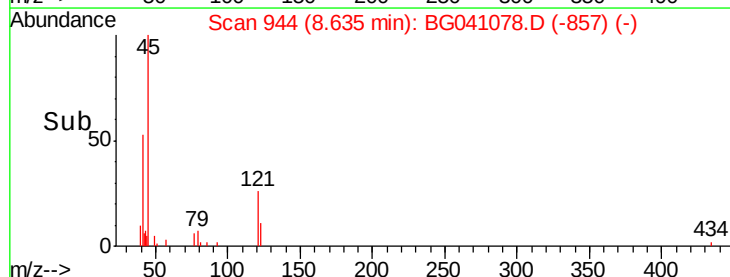
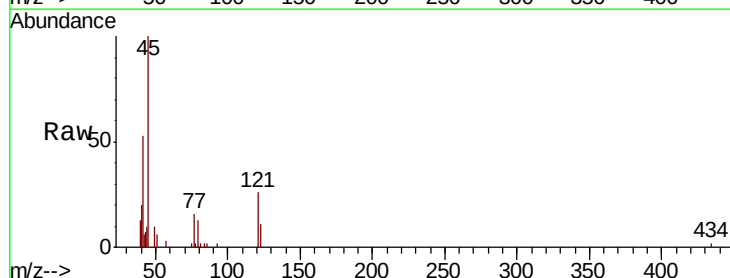
RT: 8.63 min Scan# 944

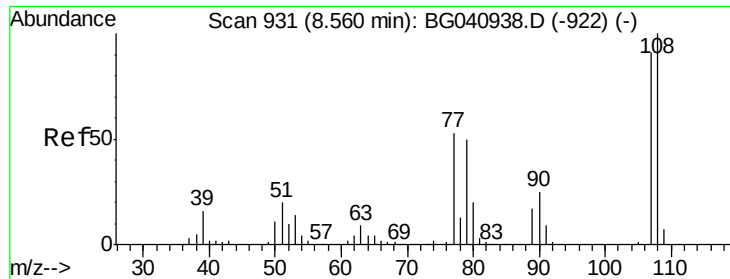
Delta R.T. -0.02 min

Lab File: BG041078.D

Acq: 5 Jun 2019 18:53

Tgt Ion:	45	Resp:	24517
Ion	Ratio	Lower	Upper
45	100		
77	16.4	0.0	33.7
79	12.7	0.0	30.2





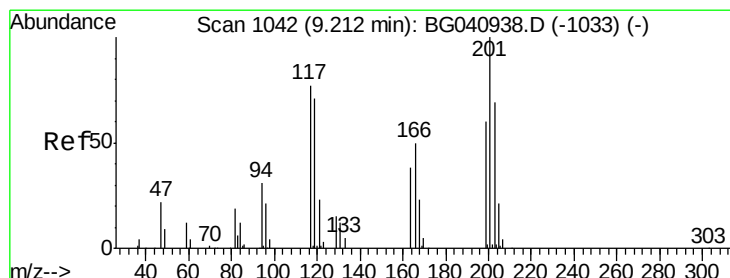
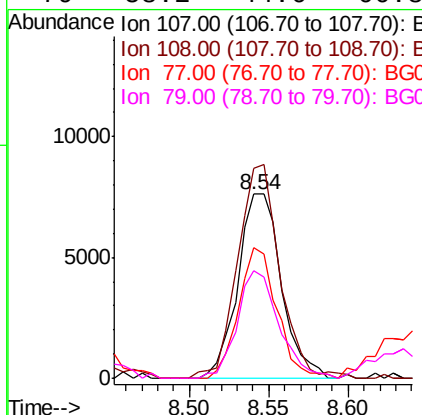
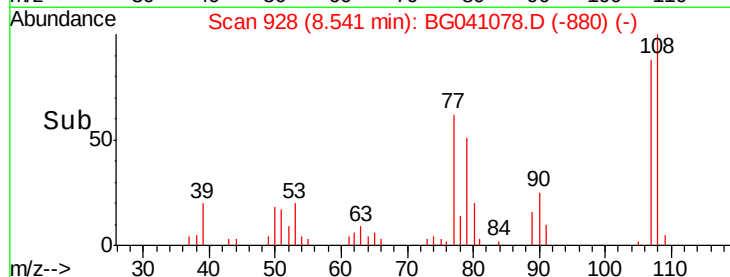
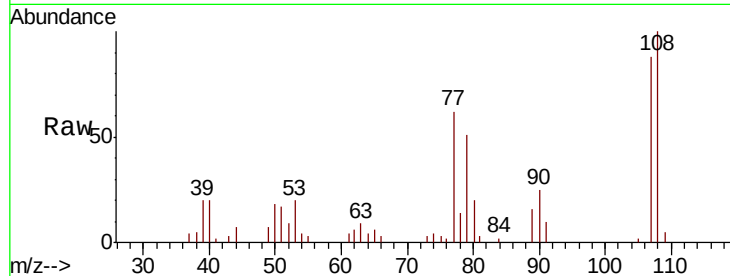
#17
2-Methylphenol
Concen: 5.998 ng
RT: 8.54 min Scan# 928
Delta R.T. -0.02 min
Lab File: BG041078.D
Acq: 5 Jun 2019 18:53

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.0	87.7	131.5	
77	70.9	46.6	70.0#	
79	58.2	44.6	66.8	

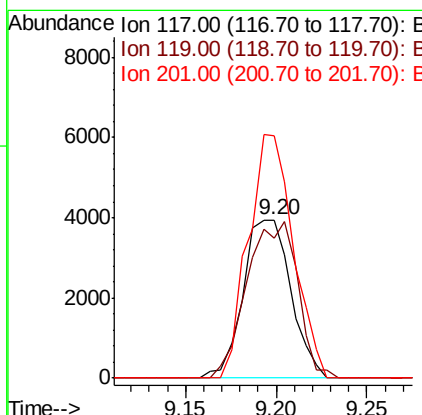
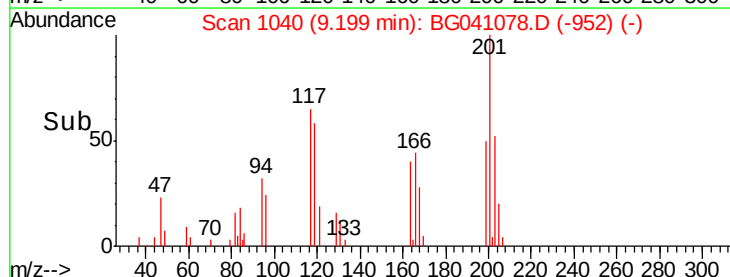
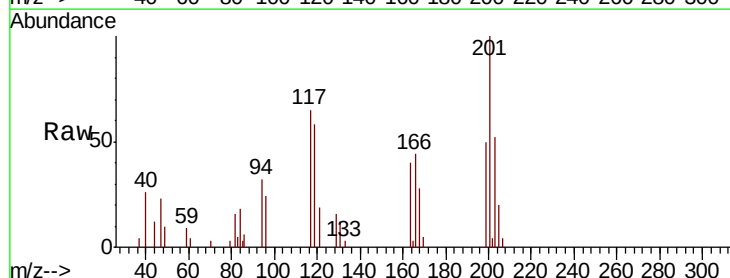
Manual Integrations
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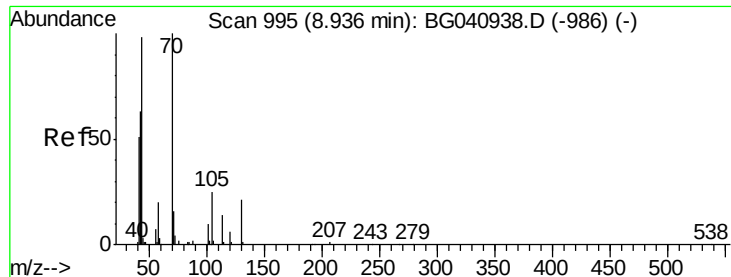
mohammad
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#18
Hexachloroethane
Concen: 6.430 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG041078.D
Acq: 5 Jun 2019 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	88.5	75.0	112.6	
201	153.6	103.5	155.3	





#19

n-Nitroso-di-n-propylamine

Concen: 6.262 ng

RT: 8.91 min Scan# 991

Delta R.T. -0.03 min

Lab File: BG041078.D

Acq: 5 Jun 2019 18:53

Instrument :

BNA_G

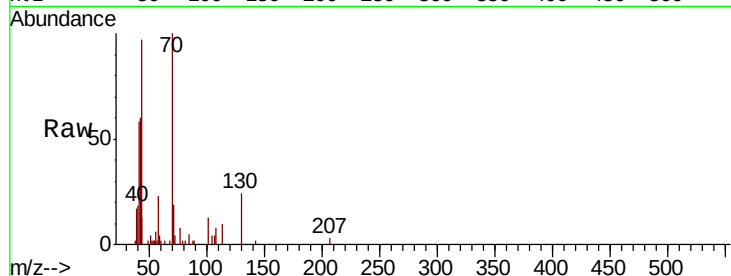
ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	60.4	51.5	77.3	
101	13.0	8.1	12.1	
130	24.1	16.6	24.8	

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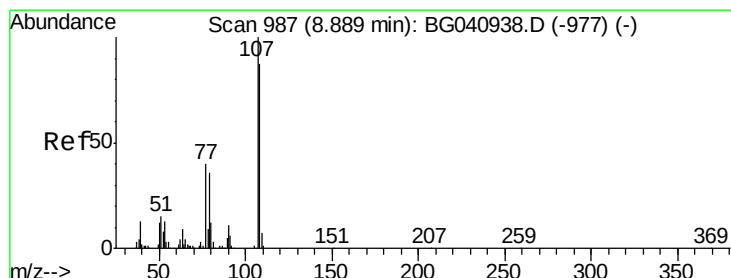
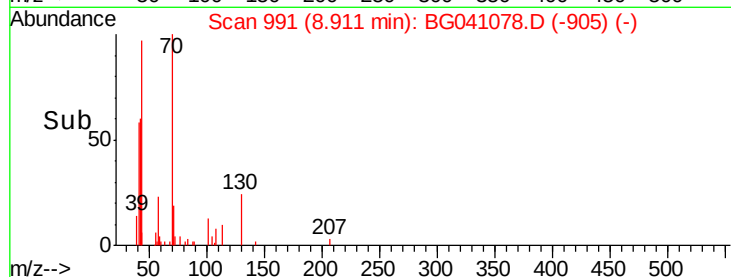
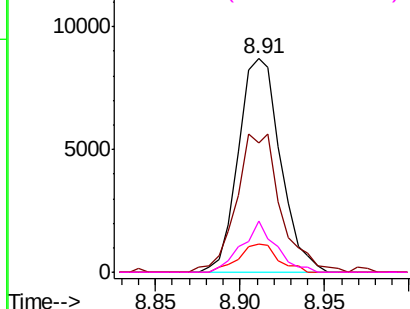
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 5.702 ng

RT: 8.88 min Scan# 985

Delta R.T. -0.01 min

Lab File: BG041078.D

Acq: 5 Jun 2019 18:53

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	83.5	66.8	106.8	
77	36.8	20.5	60.5	
79	37.9	15.8	55.8	

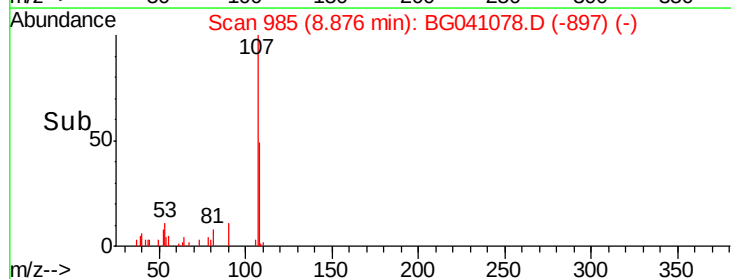
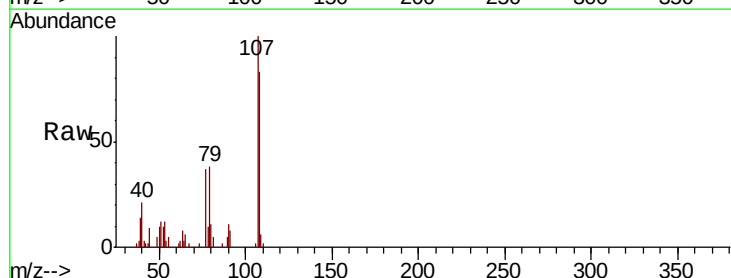
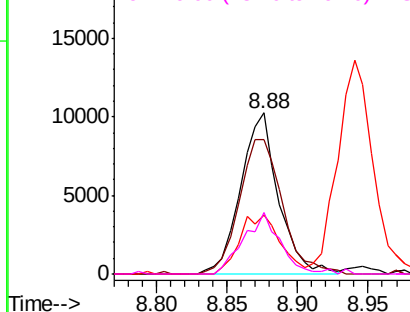
Abundance

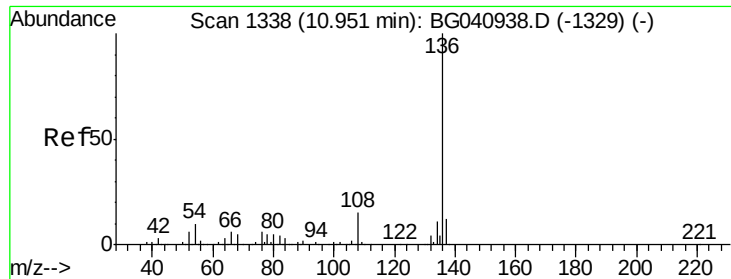
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





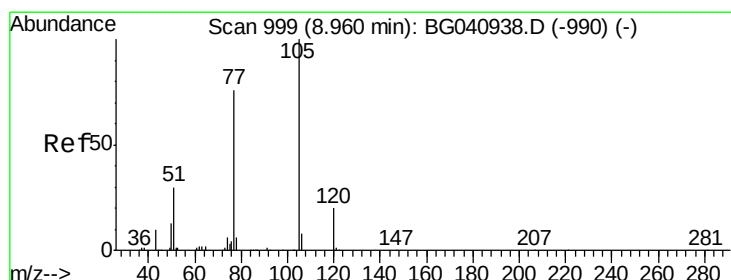
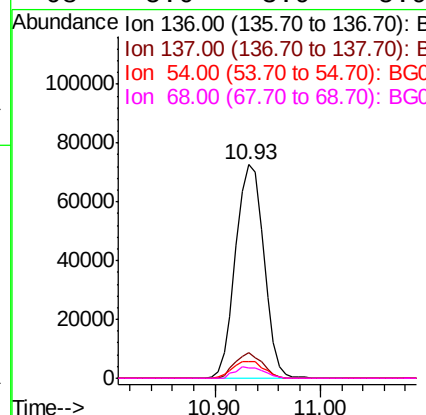
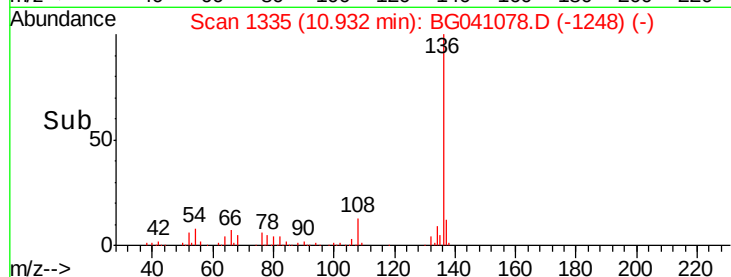
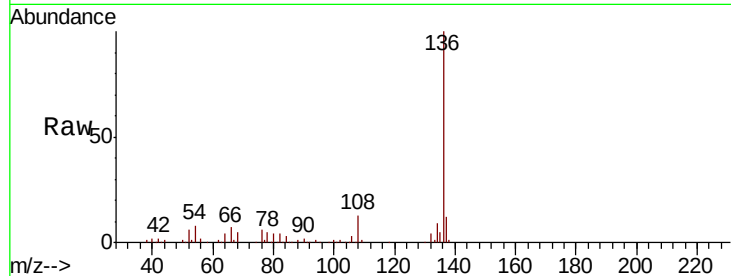
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1335
Delta R.T. -0.02 min
Lab File: BG041078.D
Acq: 5 Jun 2019 18:53

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Tot Ion	Ratio	Resp	Lower	Upper
136	100	134330		
137	11.8	9.5	14.3	
54	7.6	7.6	11.4	
68	5.0	3.9	5.9	

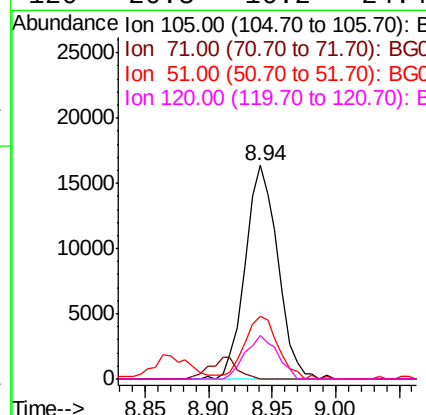
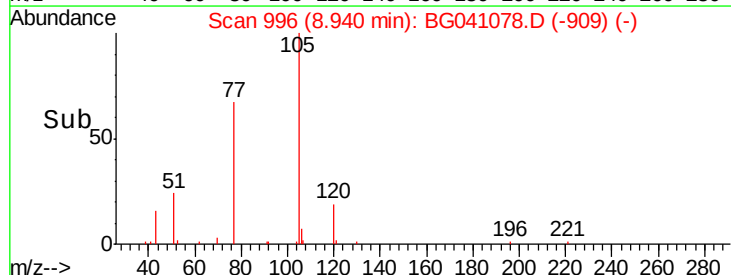
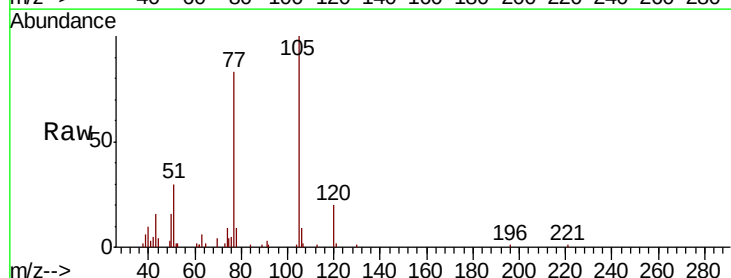
Manual Integrations
APPROVED

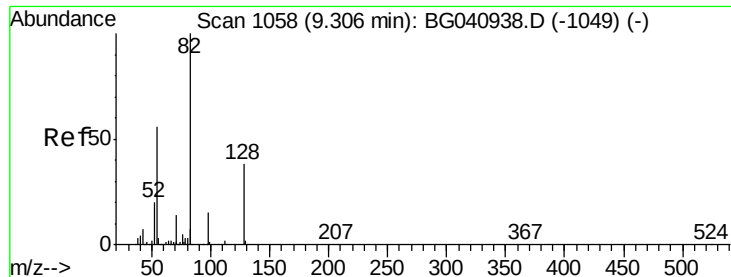
mohammad
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#22
Acetophenone
Concen: 7.730 ng
RT: 8.94 min Scan# 996
Delta R.T. -0.02 min
Lab File: BG041078.D
Acq: 5 Jun 2019 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	29129		
71	0.0	0.4	0.6#	
51	29.7	27.0	40.6	
120	20.3	16.2	24.4	





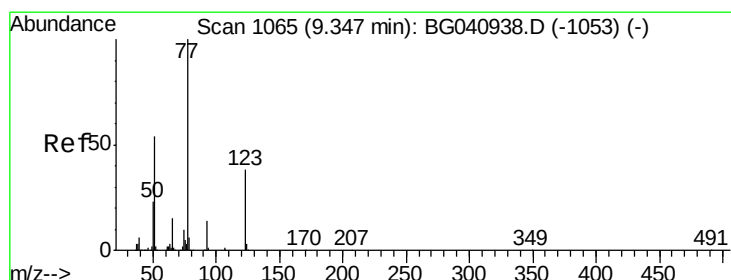
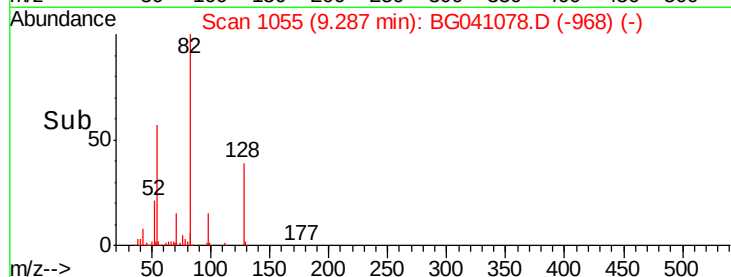
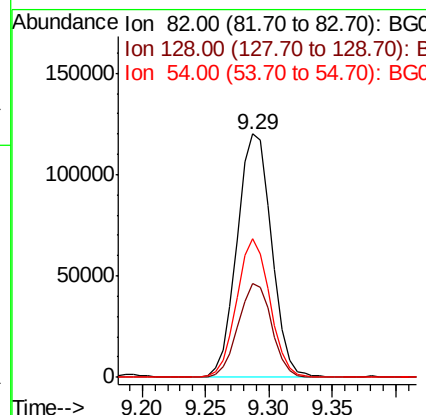
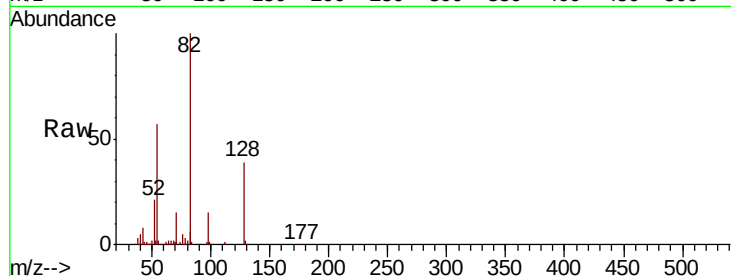
#23
Nitrobenzene-d5
Concen: 74.855 ng
RT: 9.29 min Scan# 1055
Delta R.T. -0.02 min
Lab File: BG041078.D
Acq: 5 Jun 2019 18:53

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Tot Ion	Ratio	Lower	Upper
82	100		
128	38.8	30.5	45.7
54	57.2	44.6	66.8

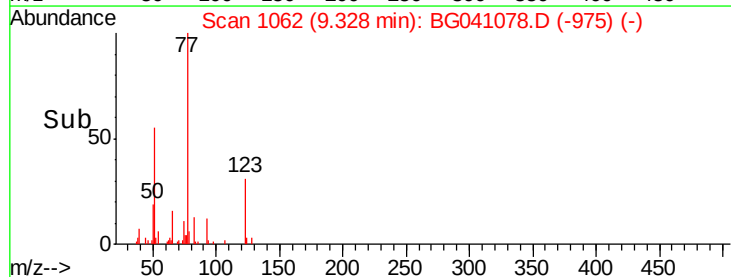
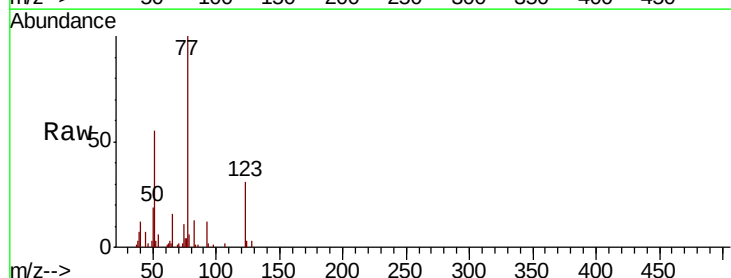
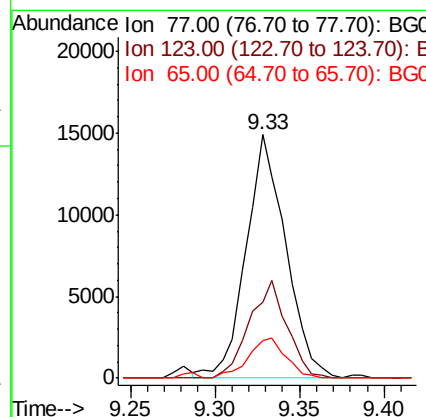
Manual Integrations
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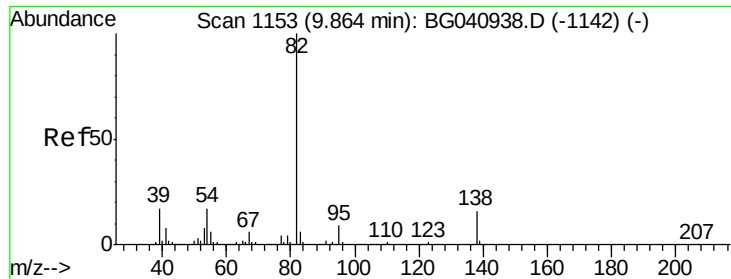
mohammad
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#24
Nitrobenzene
Concen: 7.924 ng
RT: 9.33 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BG041078.D
Acq: 5 Jun 2019 18:53

Tgt Ion	Ratio	Lower	Upper
77	100		
123	31.1	30.6	46.0
65	15.6	12.3	18.5





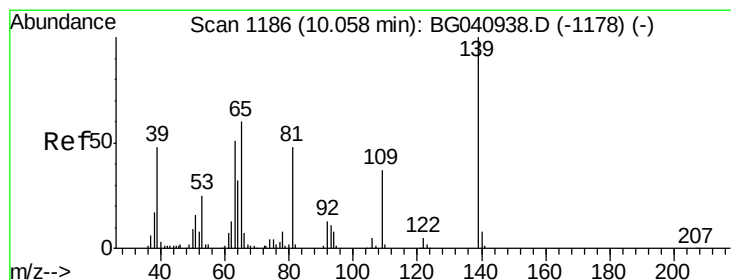
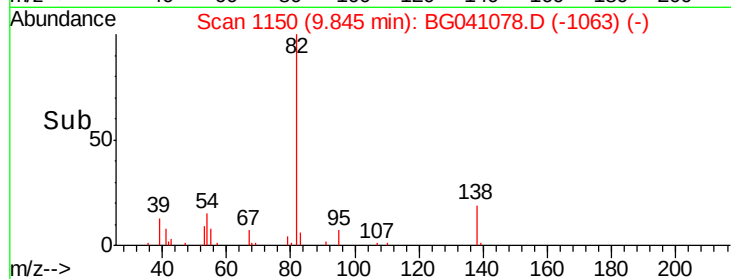
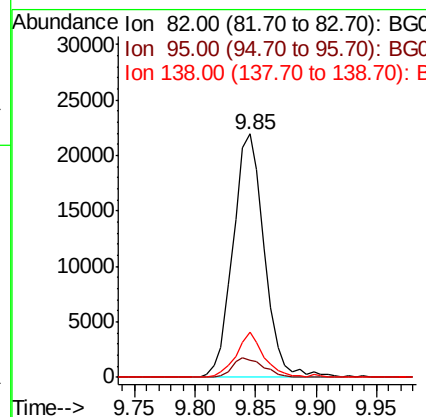
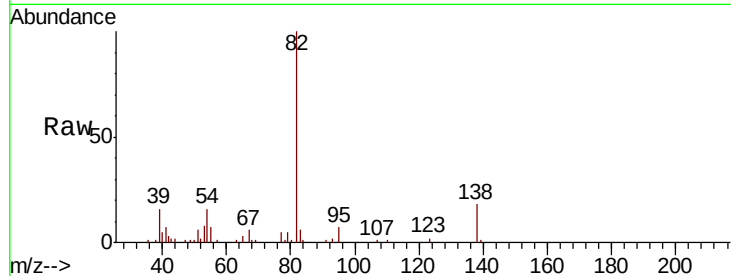
#25
Isophorone
Concen: 6.876 ng
RT: 9.85 min Scan# 1150
Delta R.T. -0.02 min
Lab File: BG041078.D
Acq: 5 Jun 2019 18:53

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	6.8	7.0	10.4#	
138	18.4	12.6	19.0	

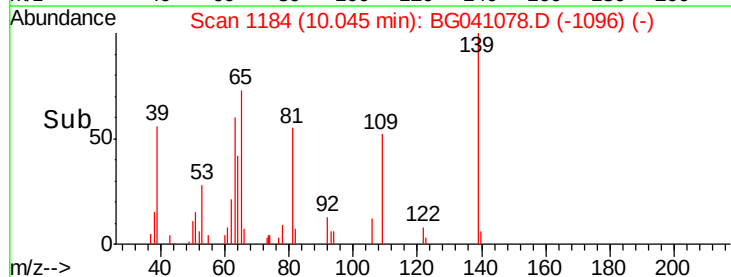
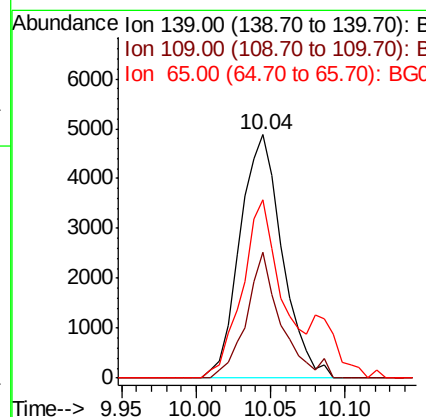
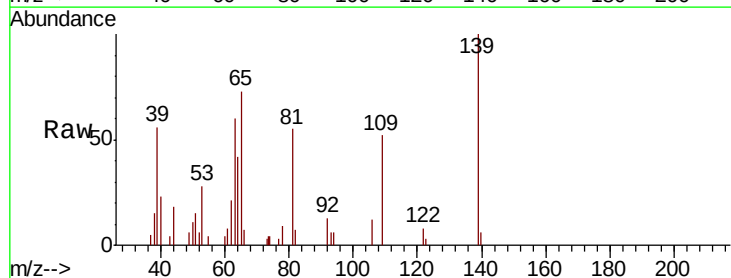
Manual Integrations
APPROVED

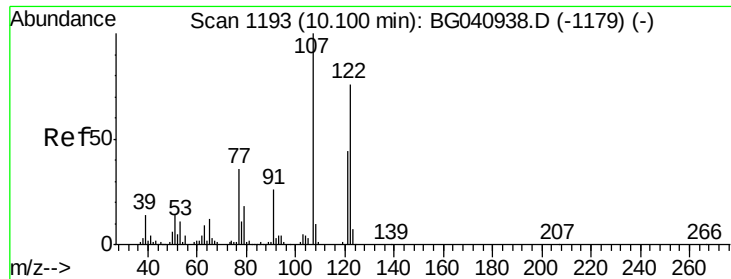
mohammad
6/6/2019 3:42:33 PM



#26
2-Nitrophenol
Concen: 7.559 ng
RT: 10.04 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BG041078.D
Acq: 5 Jun 2019 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	51.7	29.8	44.6#	
65	73.1	47.8	71.6#	





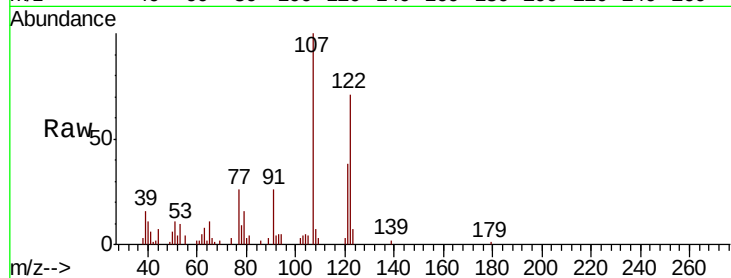
#27
2,4-Dimethylphenol
Concen: 6.999 ng
RT: 10.09 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BG041078.D
Acq: 5 Jun 2019 18:53

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Tot Ion	Ratio	Lower	Upper
122	100		
107	141.5	105.9	158.9
121	54.2	46.2	69.4

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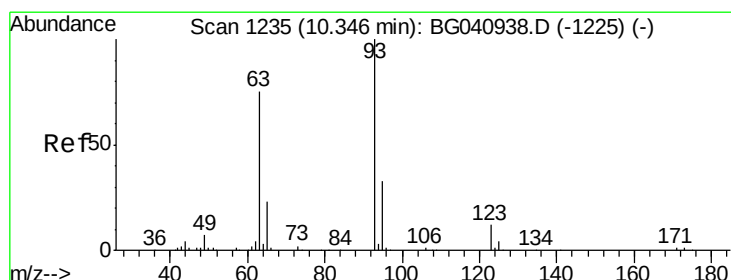
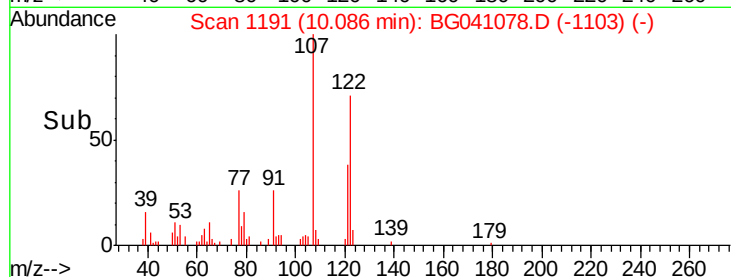
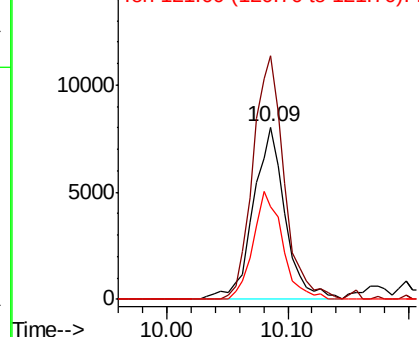


Abundance

Ion 122.00 (121.70 to 122.70): E

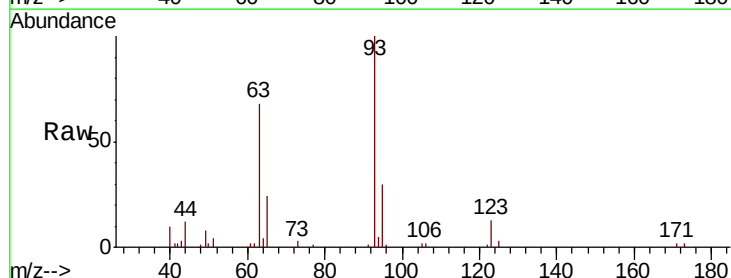
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 6.816 ng
RT: 10.33 min Scan# 1232
Delta R.T. -0.02 min
Lab File: BG041078.D
Acq: 5 Jun 2019 18:53

Tgt Ion	Ratio	Lower	Upper
93	100		
95	29.9	26.2	39.2
123	12.7	9.5	14.3

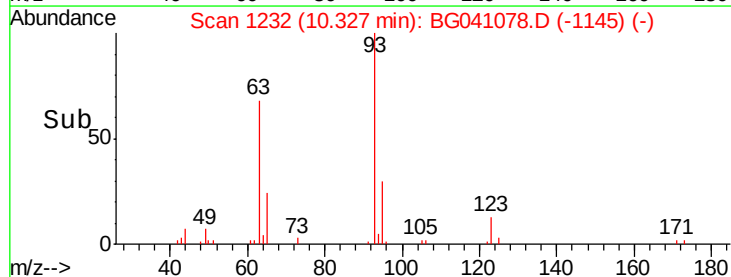
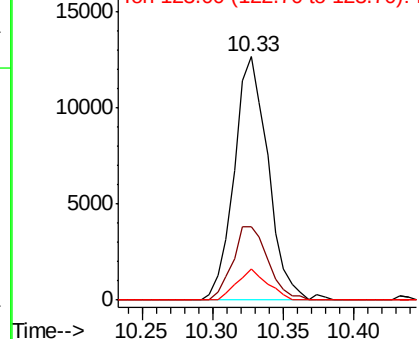


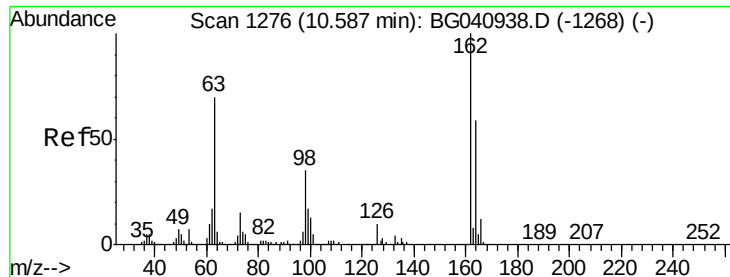
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





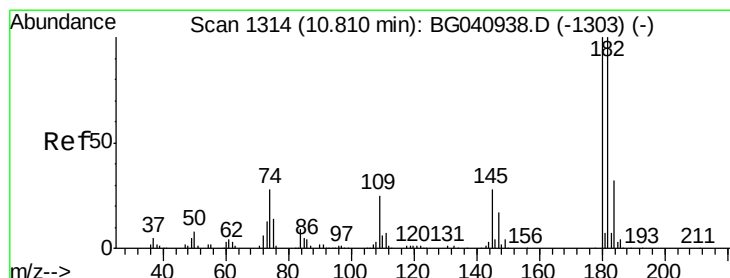
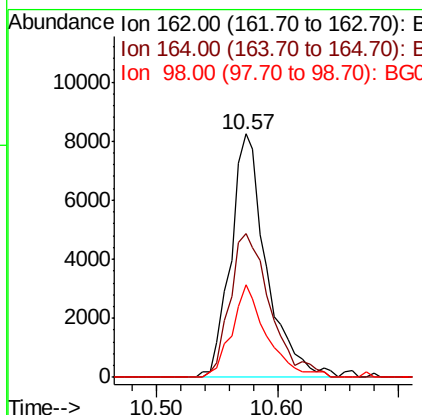
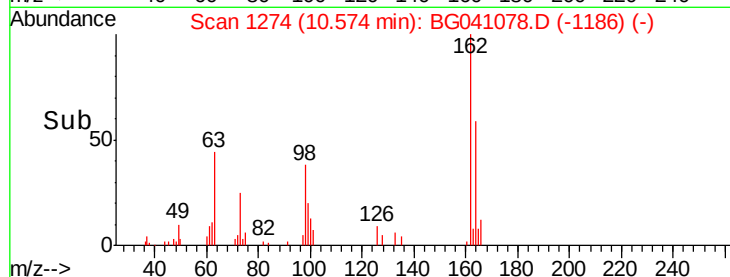
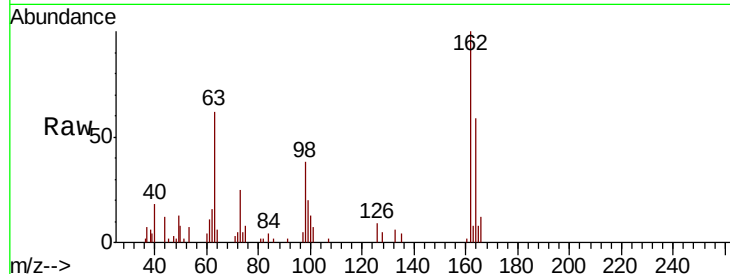
#29
2,4-Dichlorophenol
Concen: 6.319 ng
RT: 10.57 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BG041078.D
Acq: 5 Jun 2019 18:53

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Tot Ion	Ratio	Lower	Upper
162	100		
164	59.2	39.4	79.4
98	38.0	15.3	55.3

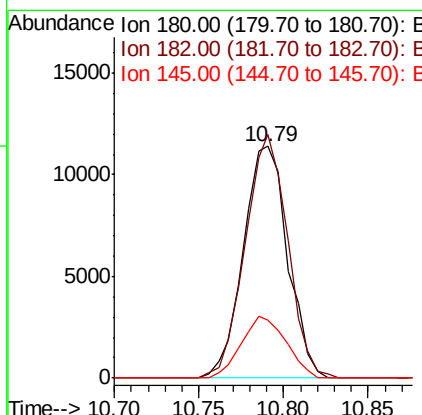
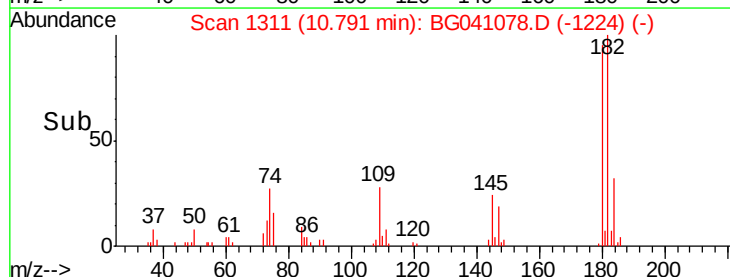
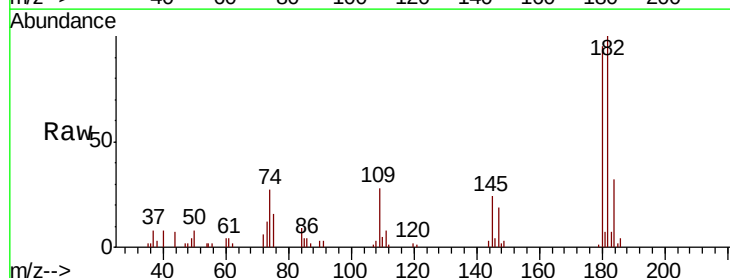
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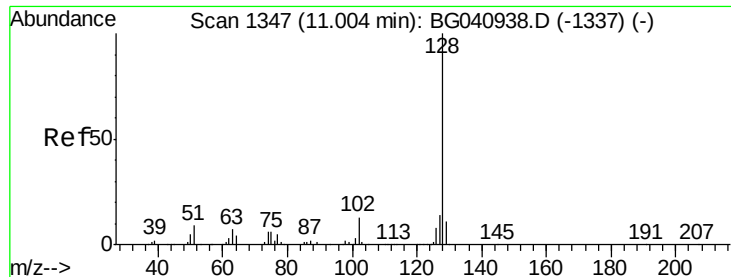
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#30
1,2,4-Trichlorobenzene
Concen: 6.843 ng
RT: 10.79 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BG041078.D
Acq: 5 Jun 2019 18:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	105.2	79.7	119.5
145	25.0	22.6	34.0





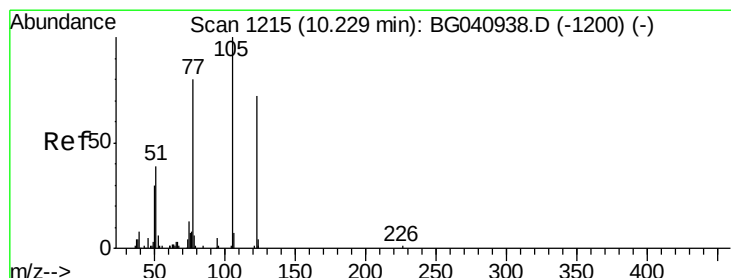
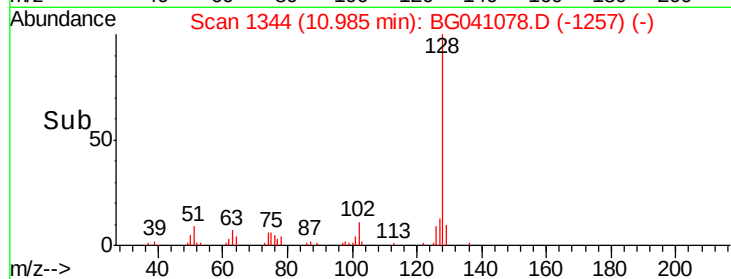
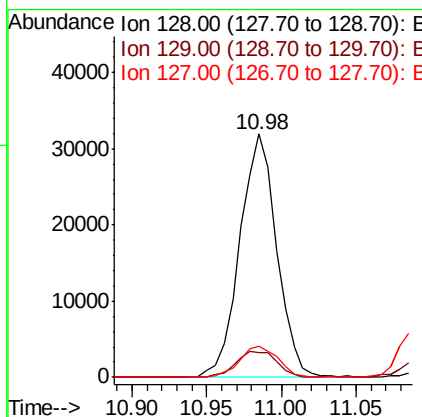
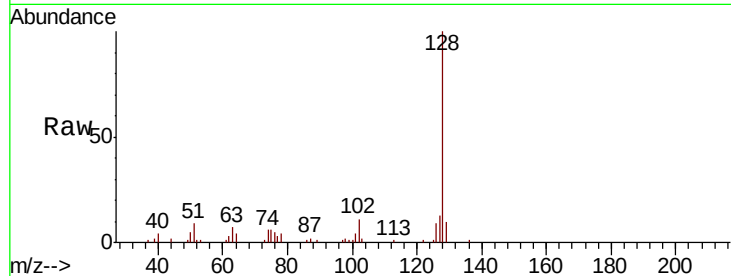
#31
Naphthalene
Concen: 7.557 ng
RT: 10.98 min Scan# 1344
Delta R.T. -0.02 min
Lab File: BG041078.D
Acq: 5 Jun 2019 18:53

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.1	8.5	12.7
127	12.8	11.4	17.2

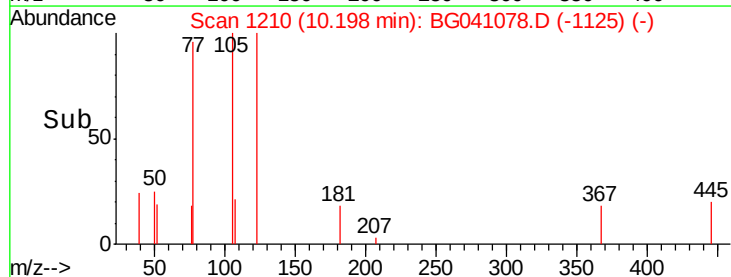
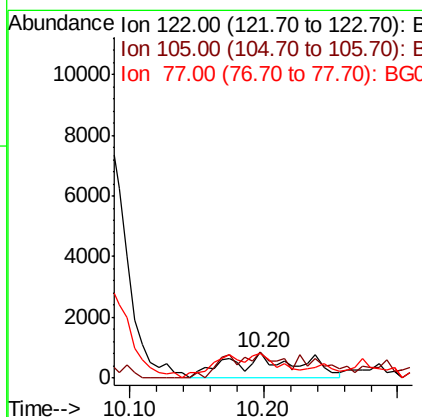
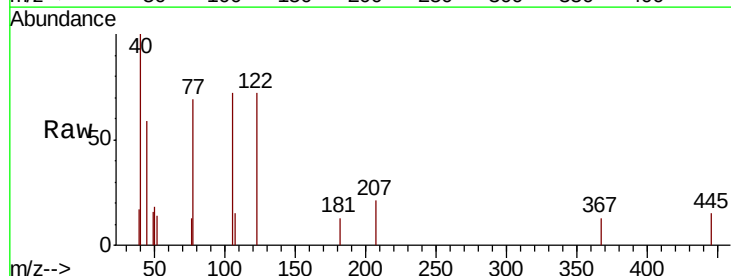
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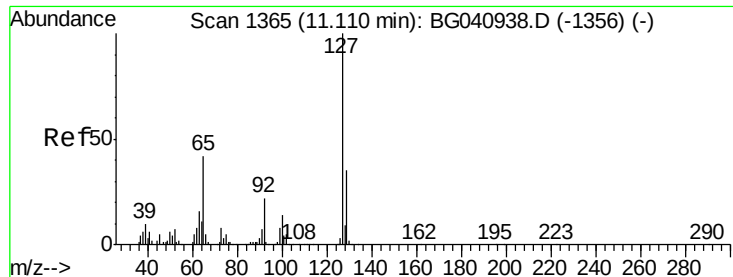
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#32
Benzoic acid
Concen: 9.623 ng m
RT: 10.20 min Scan# 1210
Delta R.T. -0.03 min
Lab File: BG041078.D
Acq: 5 Jun 2019 18:53

Tgt Ion	Ratio	Lower	Upper
122	100		
105	99.6	114.8	154.8#
77	96.0	89.9	129.9





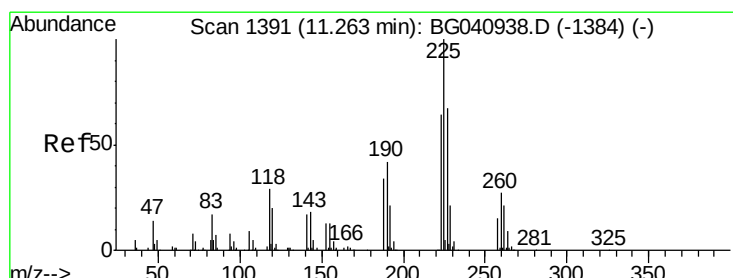
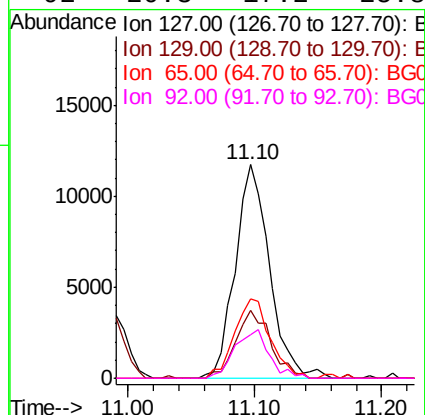
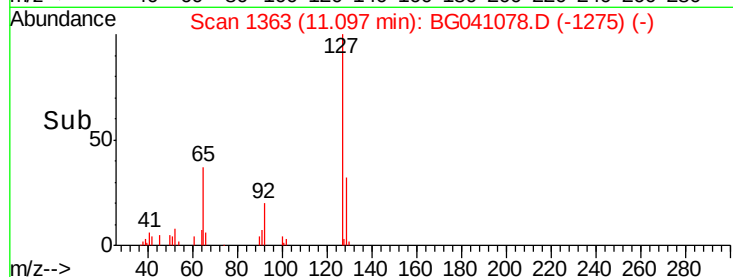
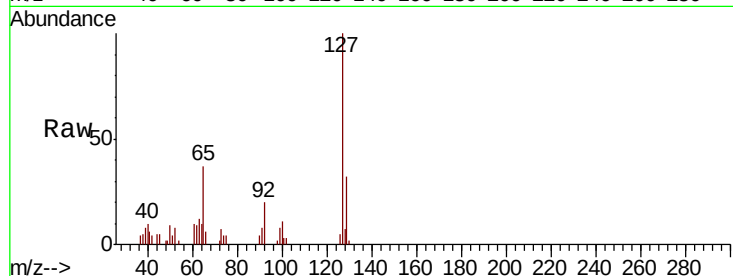
#33
4-Chloroaniline
Concen: 6.569 ng
RT: 11.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BG041078.D
Acq: 5 Jun 2019 18:53

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.7	27.7	41.5
65	37.2	33.2	49.8
92	20.3	17.2	25.8

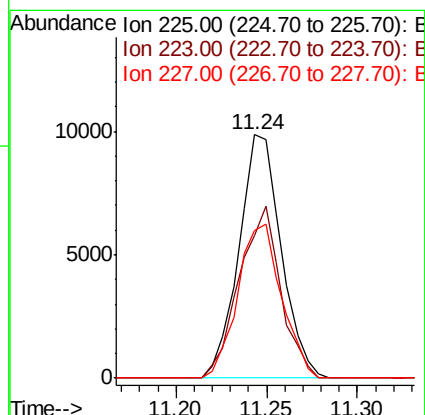
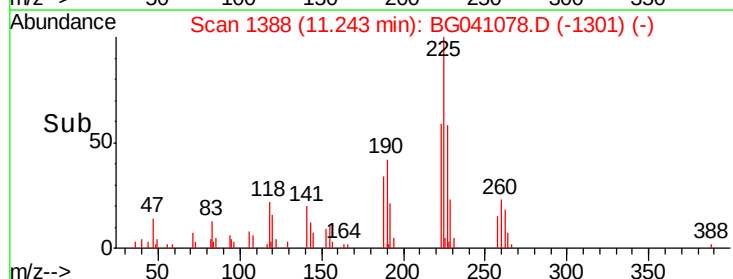
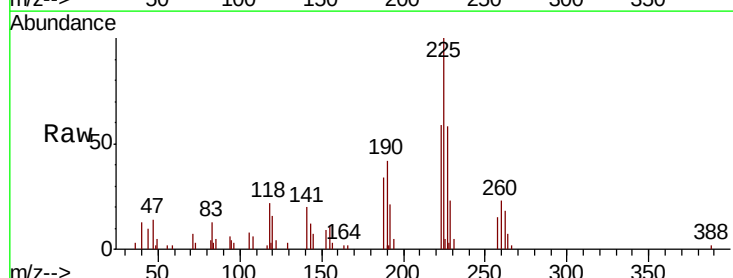
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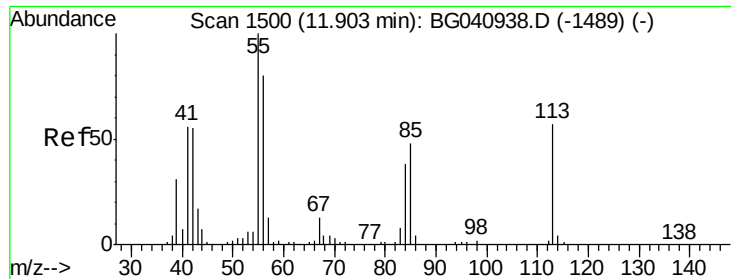
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#34
Hexachlorobutadiene
Concen: 6.877 ng
RT: 11.24 min Scan# 1388
Delta R.T. -0.02 min
Lab File: BG041078.D
Acq: 5 Jun 2019 18:53

Tgt Ion	Ratio	Lower	Upper
225	100		
223	55.6	48.8	73.2
227	57.7	51.4	77.0





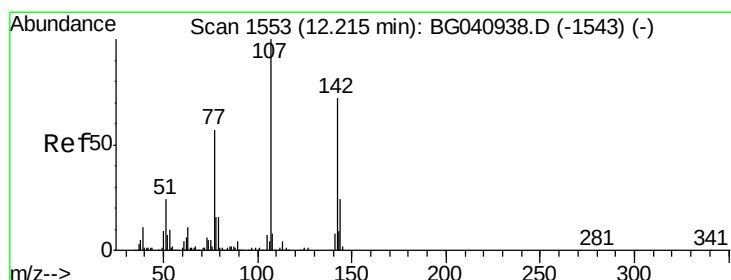
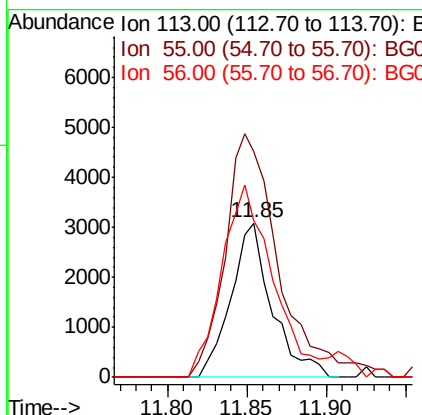
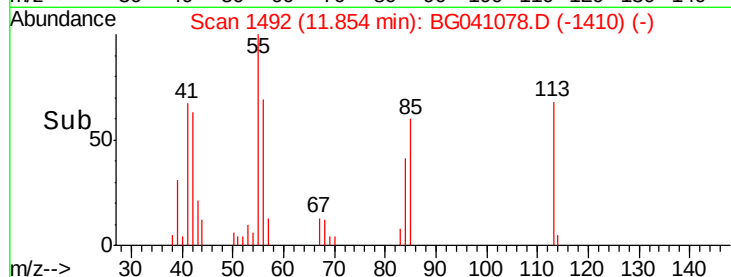
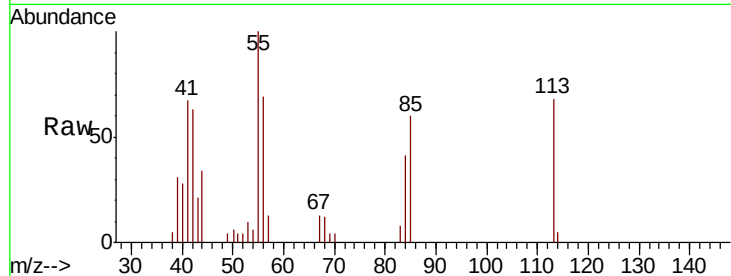
#35
 Caprolactam
 Concen: 6.272 ng
 RT: 11.85 min Scan# 1492
 Delta R.T. -0.05 min
 Lab File: BG041078.D
 Acq: 5 Jun 2019 18:53

Instrument :
 BNA_G
 ClientSampleId :
 MDL-MDL-WATER-03-QT2-2019

Tot Ion	Ratio	Lower	Upper
113	100		
55	146.4	155.9	195.9#
56	101.4	119.9	159.9#

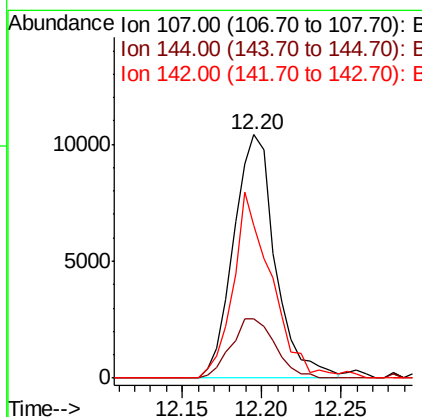
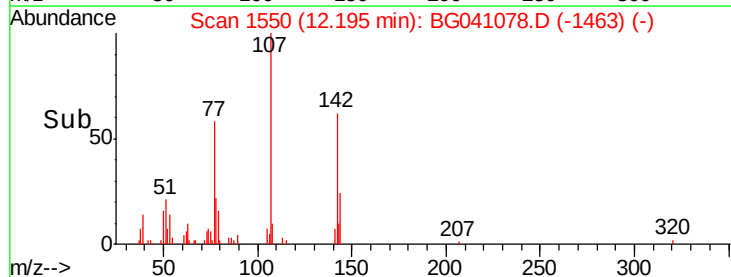
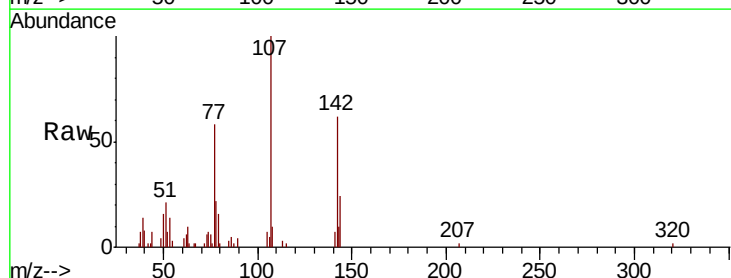
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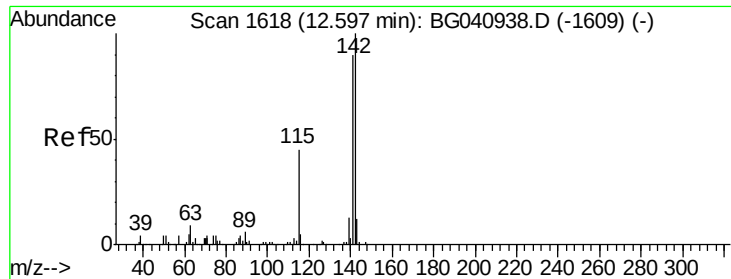
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#36
 4-Chloro-3-methylphenol
 Concen: 6.230 ng
 RT: 12.20 min Scan# 1550
 Delta R.T. -0.02 min
 Lab File: BG041078.D
 Acq: 5 Jun 2019 18:53

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.2	19.4	29.0
142	62.5	57.3	85.9





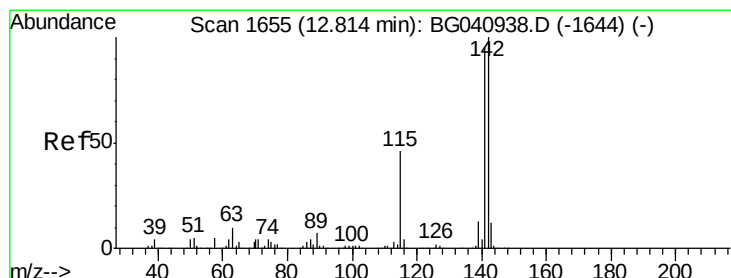
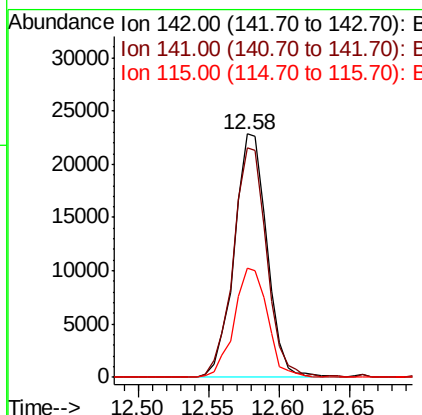
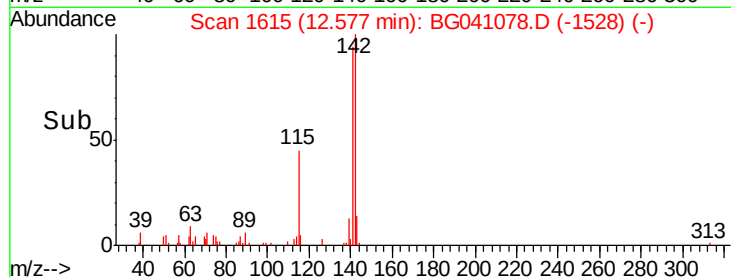
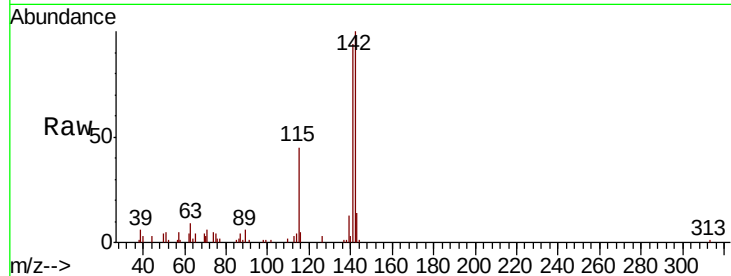
#37
2-Methylnaphthalene
Concen: 6.644 ng
RT: 12.58 min Scan# 1615
Delta R.T. -0.02 min
Lab File: BG041078.D
Acq: 5 Jun 2019 18:53

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Tot Ion	Ratio	Lower	Upper
142	100		
141	94.4	72.2	108.4
115	45.0	36.2	54.4

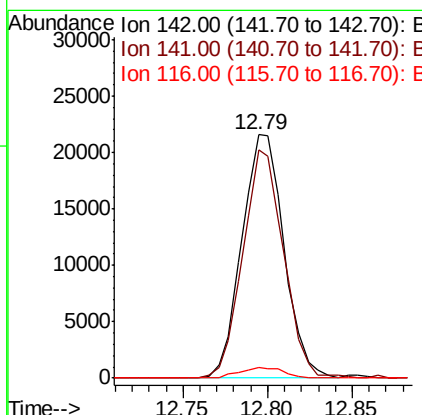
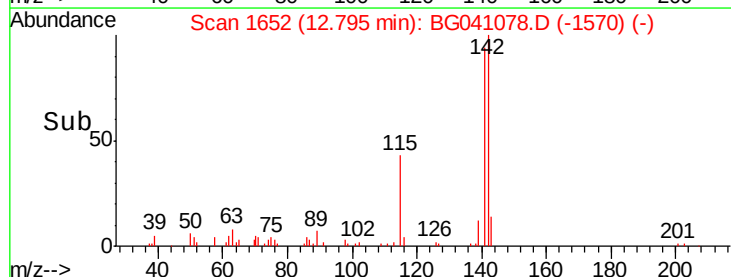
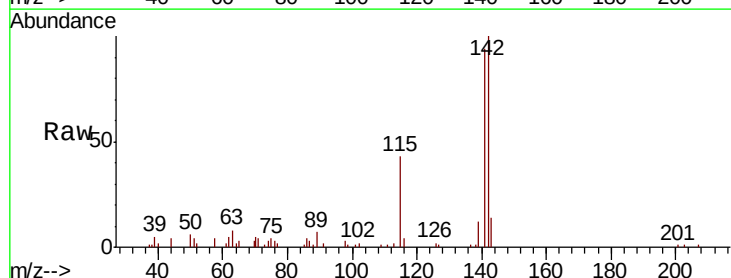
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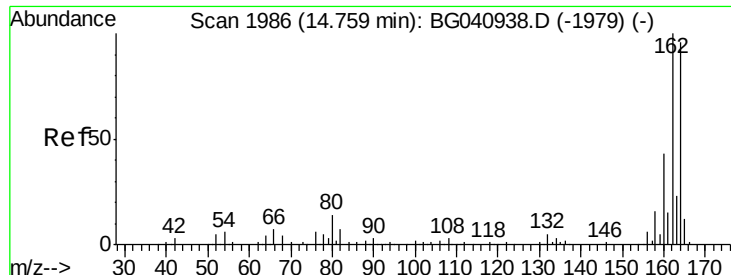
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#38
1-Methylnaphthalene
Concen: 7.133 ng
RT: 12.79 min Scan# 1652
Delta R.T. -0.02 min
Lab File: BG041078.D
Acq: 5 Jun 2019 18:53

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.6	75.7	113.5
116	4.1	3.4	5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1983

Delta R.T. -0.02 min

Lab File: BG041078.D

Acq: 5 Jun 2019 18:53

Instrument :

BNA_G

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

Tot Ion:164 Resp: 87362

Ion Ratio Lower Upper

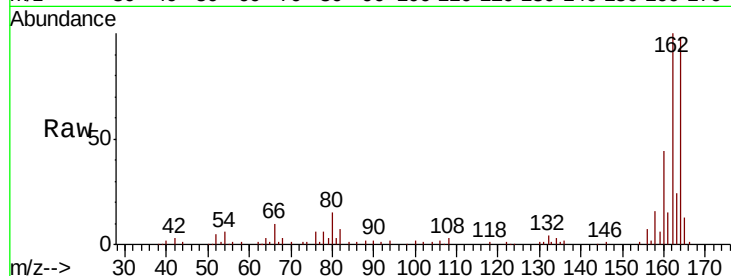
164 100

162 101.9 83.0 124.4

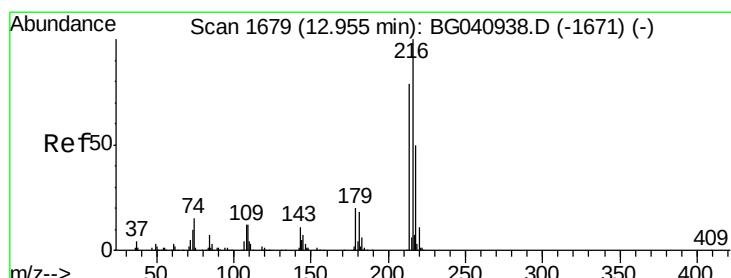
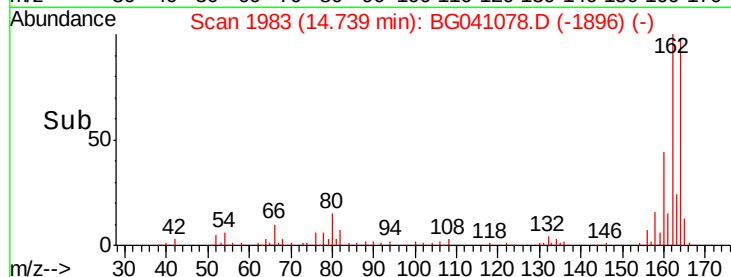
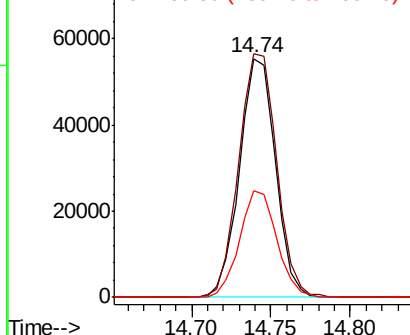
160 44.8 35.6 53.4

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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 8.173 ng

RT: 12.94 min Scan# 1677

Delta R.T. -0.01 min

Lab File: BG041078.D

Acq: 5 Jun 2019 18:53

Tgt Ion:216 Resp: 28780

Ion Ratio Lower Upper

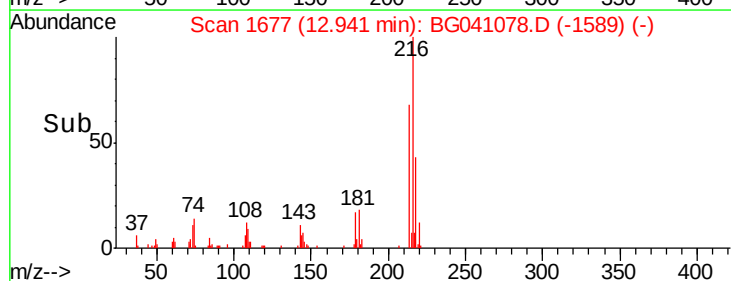
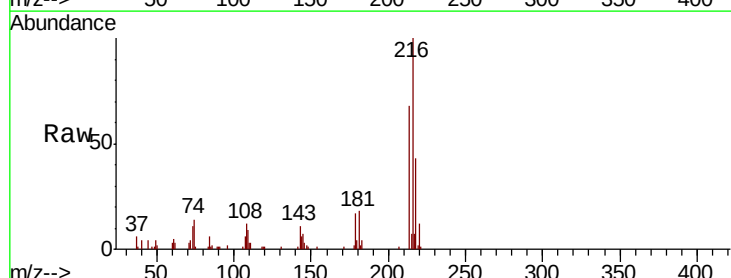
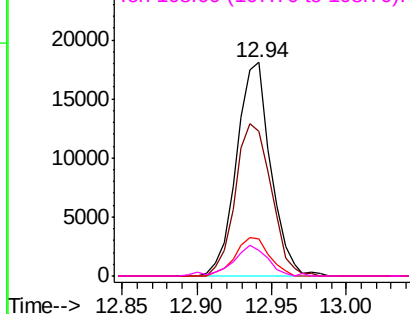
216 100

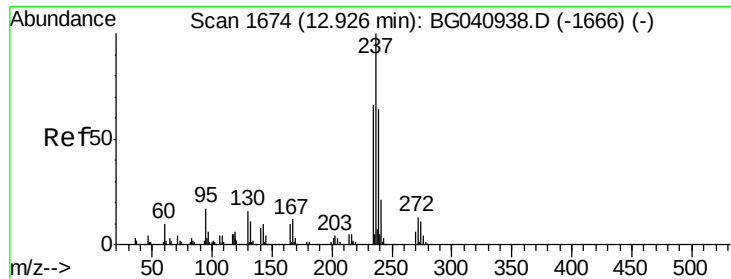
214 74.5 63.4 95.2

179 18.0 15.2 22.8

108 14.6 11.4 17.2

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





#41

Hexachlorocyclopentadiene

Concen: 13.081 ng

RT: 12.91 min Scan# 1671

Delta R.T. -0.02 min

Lab File: BG041078.D

Acq: 5 Jun 2019 18:53

Instrument :

BNA_G

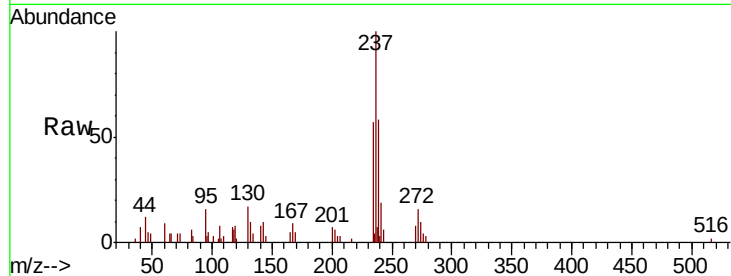
ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

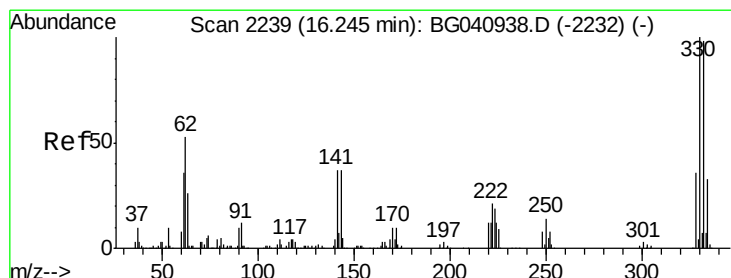
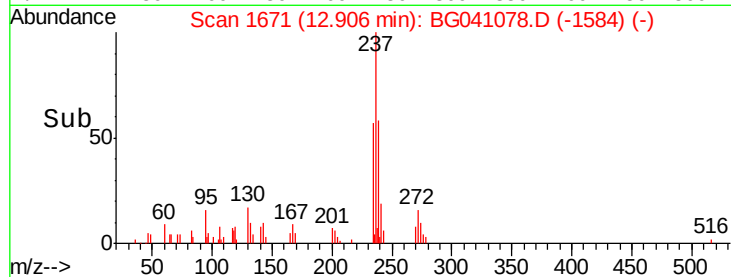
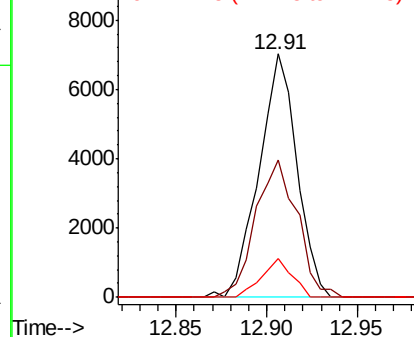
Tot Ion:	237	Resp:	10225
Ion Ratio	Lower	Upper	
237	100		
235	56.6	45.5	85.5
272	16.1	0.0	32.9

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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: 129.251 ng

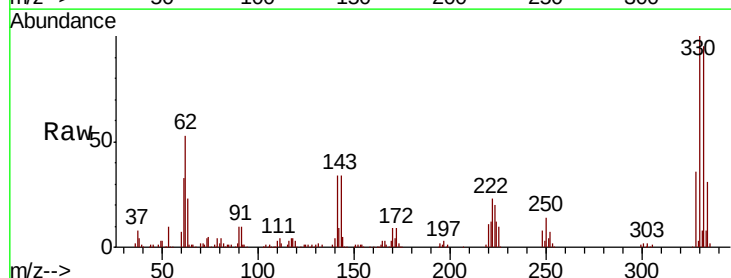
RT: 16.23 min Scan# 2236

Delta R.T. -0.02 min

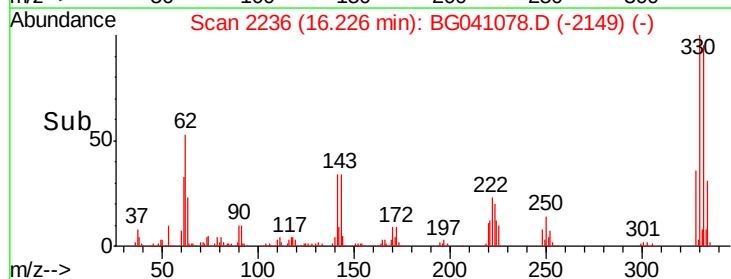
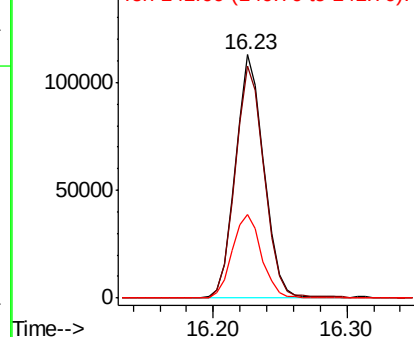
Lab File: BG041078.D

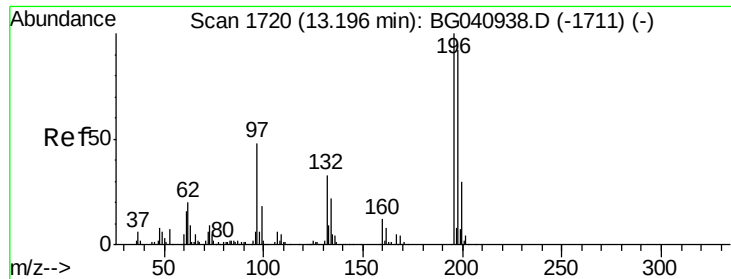
Acq: 5 Jun 2019 18:53

Tgt Ion:	330	Resp:	167632
Ion Ratio	Lower	Upper	
330	100		
332	97.1	78.5	117.7
141	35.5	28.7	43.1



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





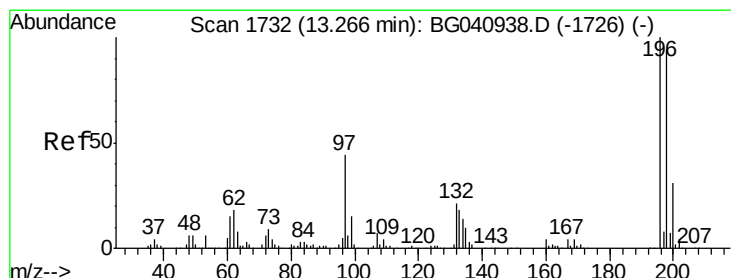
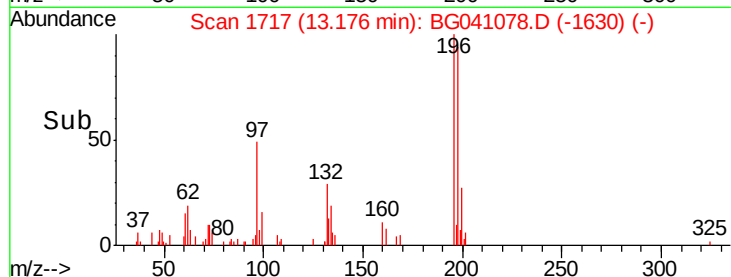
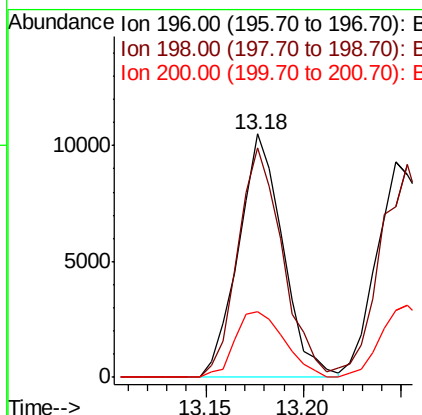
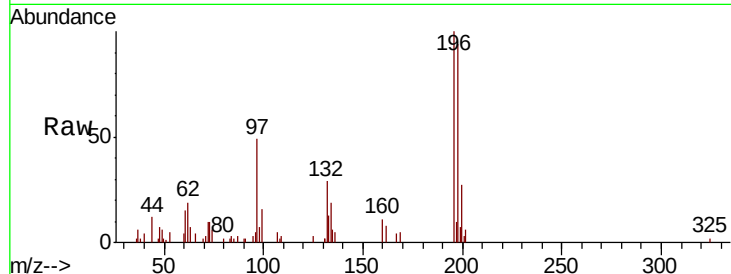
#43
 2,4,6-Trichlorophenol
 Concen: 7.244 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.02 min
 Lab File: BG041078.D
 Acq: 5 Jun 2019 18:53

Instrument :
 BNA_G
 ClientSampleId :
 MDL-MDL-WATER-03-QT2-2019

Tot Ion	Ratio	Resp	Lower	Upper
196	100	16501		
198	94.3	73.8	110.6	
200	26.8	24.1	36.1	

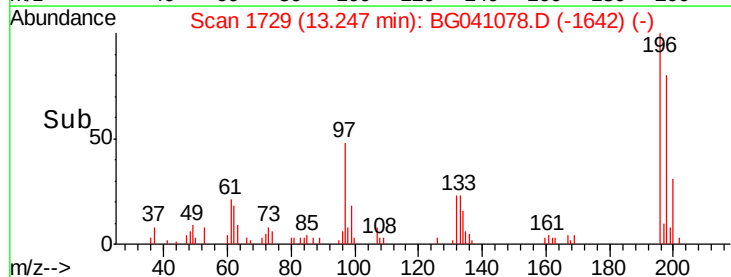
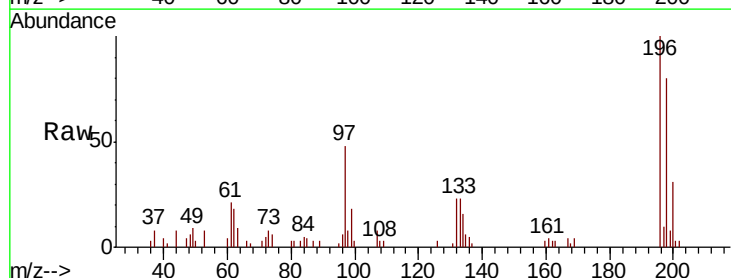
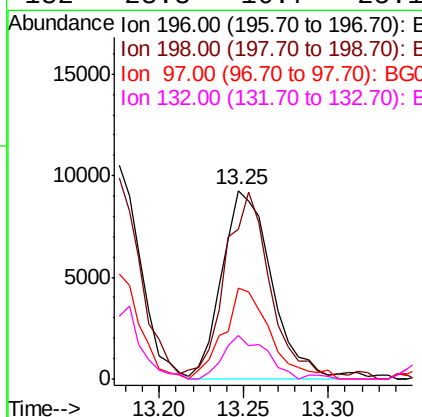
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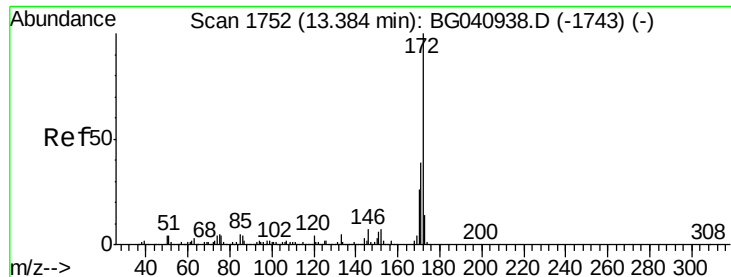
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 7.897 ng
 RT: 13.25 min Scan# 1729
 Delta R.T. -0.02 min
 Lab File: BG041078.D
 Acq: 5 Jun 2019 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	18971		
198	79.6	75.1	112.7	
97	47.9	35.6	53.4	
132	23.3	16.7	25.1	





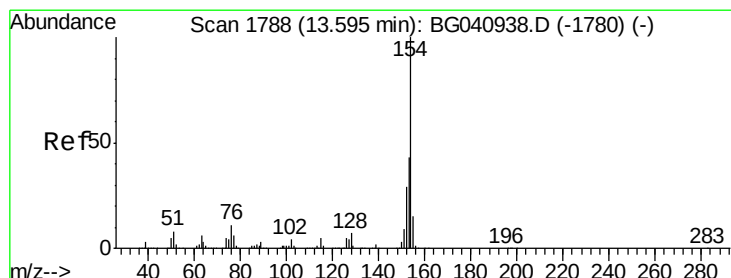
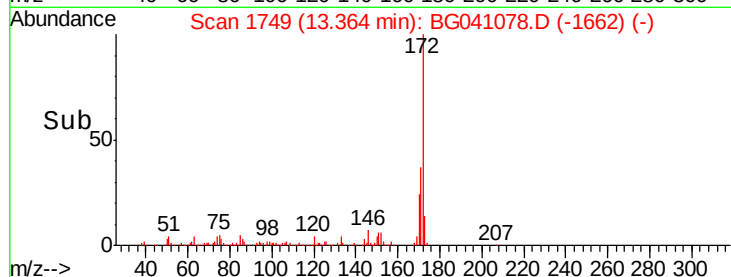
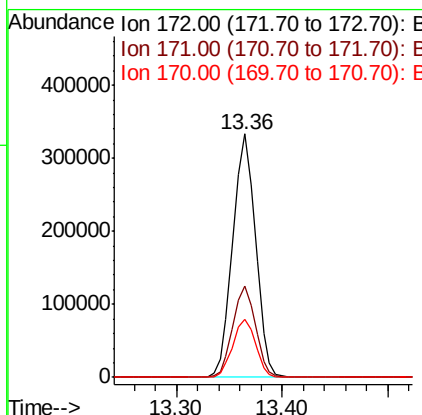
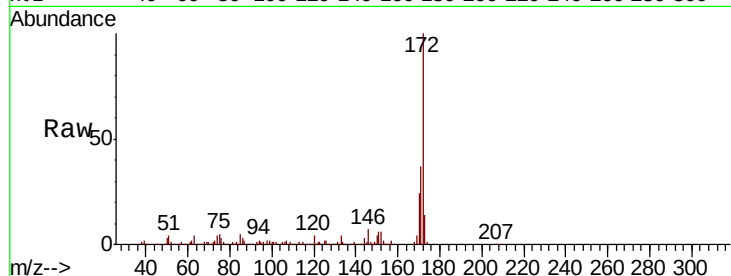
#45
2-Fluorobiphenyl
Concen: 81.927 ng
RT: 13.36 min Scan# 1749
Delta R.T. -0.02 min
Lab File: BG041078.D
Acq: 5 Jun 2019 18:53

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Tot Ion	Ratio	Resp	Lower	Upper
172	100	496998		
171	37.4		31.1	46.7
170	23.8		20.5	30.7

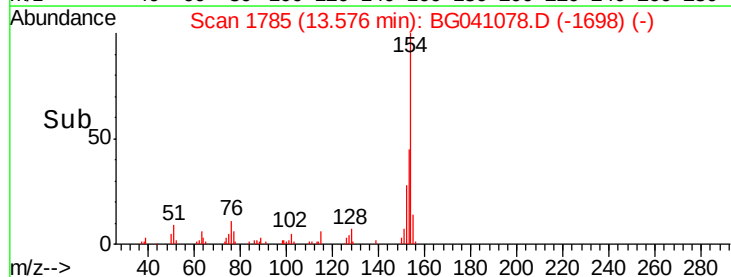
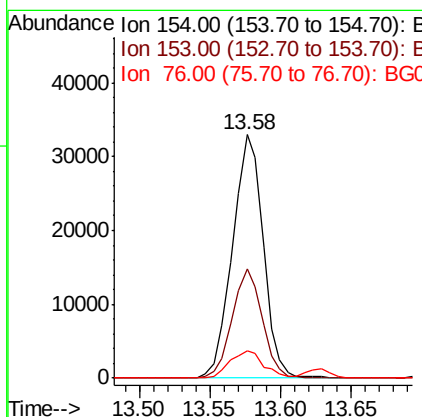
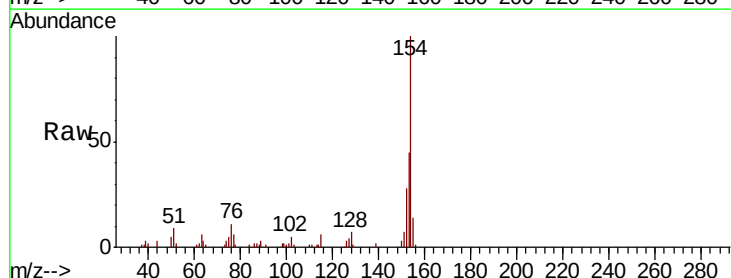
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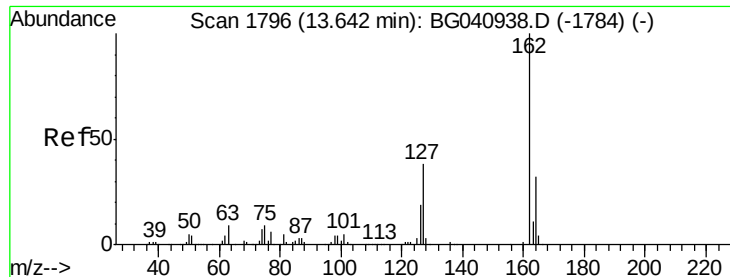
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#46
1,1'-Biphenyl
Concen: 7.731 ng
RT: 13.58 min Scan# 1785
Delta R.T. -0.02 min
Lab File: BG041078.D
Acq: 5 Jun 2019 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	49996		
153	44.8		23.3	63.3
76	11.0		0.0	31.1





#47

2-Chloronaphthalene

Concen: 7.551 ng

RT: 13.62 min Scan# 1793

Delta R.T. -0.02 min

Lab File: BG041078.D

Acq: 5 Jun 2019 18:53

Instrument :

BNA_G

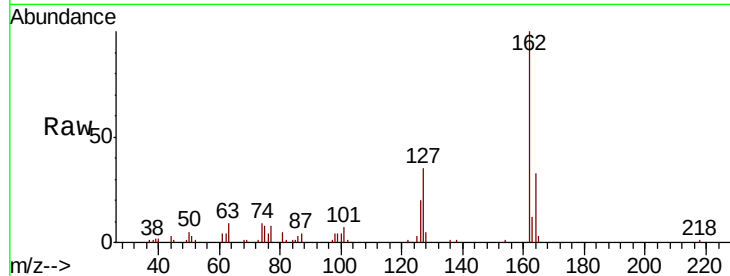
ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

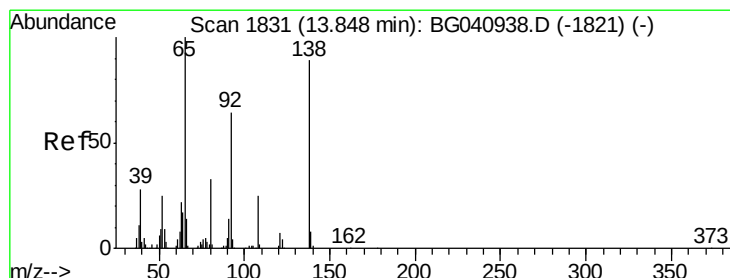
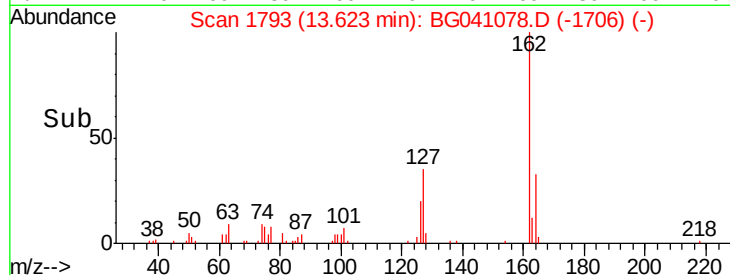
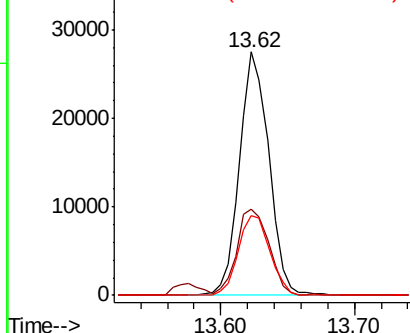
Tot Ion:	162	Resp:	41919
Ion Ratio	Lower	Upper	
162	100		
127	35.2	30.5	45.7
164	32.8	25.8	38.6

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



#48

2-Nitroaniline

Concen: 6.850 ng

RT: 13.83 min Scan# 1829

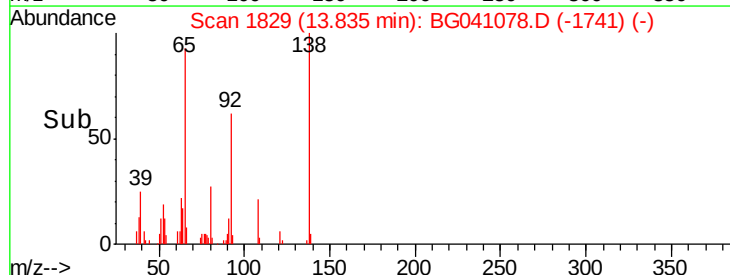
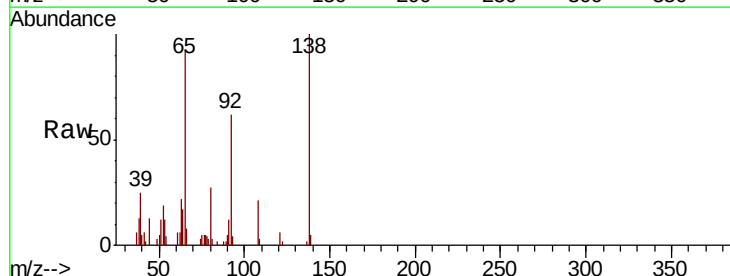
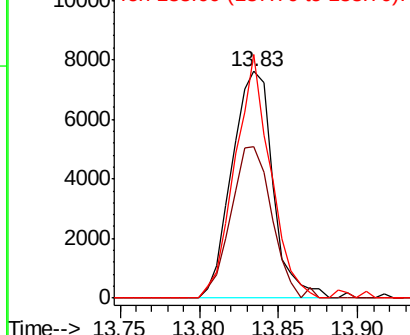
Delta R.T. -0.01 min

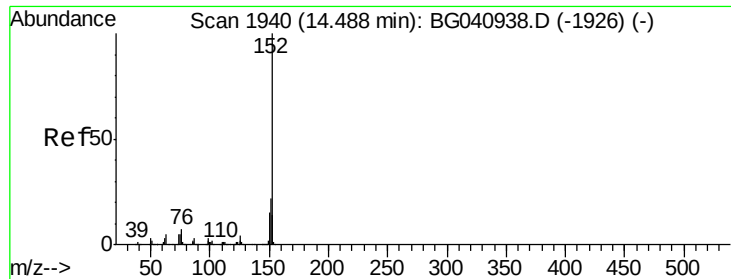
Lab File: BG041078.D

Acq: 5 Jun 2019 18:53

Tgt Ion:	65	Resp:	13642
Ion Ratio	Lower	Upper	
65	100		
92	67.2	51.0	76.6
138	107.6	71.2	106.8#

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





#49

Acenaphthylene

Concen: 7.906 ng

RT: 14.47 min Scan# 1937

Delta R.T. -0.02 min

Lab File: BG041078.D

Acq: 5 Jun 2019 18:53

Instrument :

BNA_G

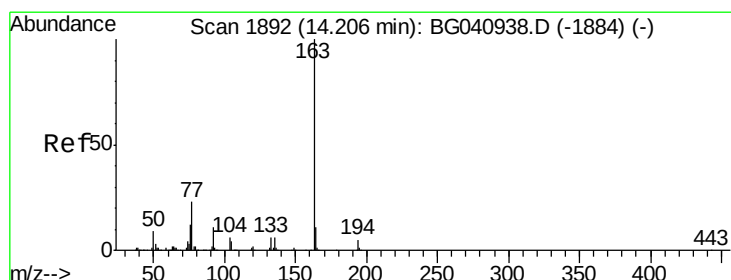
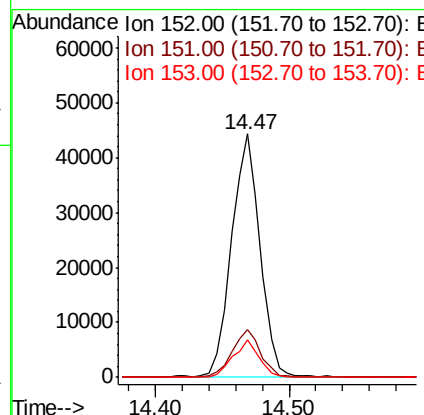
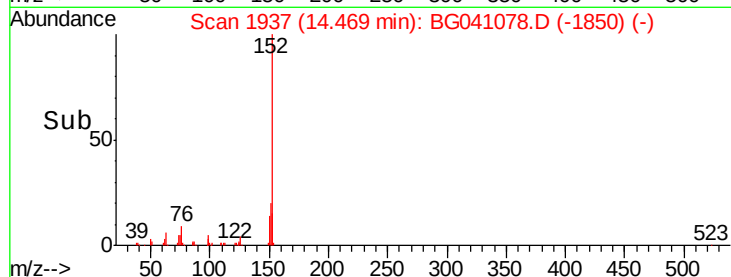
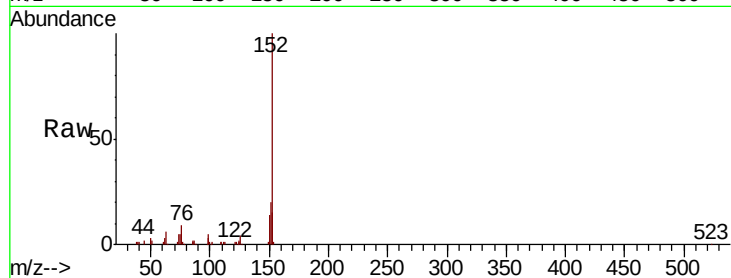
ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

Tot Ion:	152	Resp:	66062
Ion Ratio	Lower	Upper	
152	100		
151	19.8	17.4	26.0
153	15.2	11.0	16.4

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#50

Dimethylphthalate

Concen: 7.338 ng

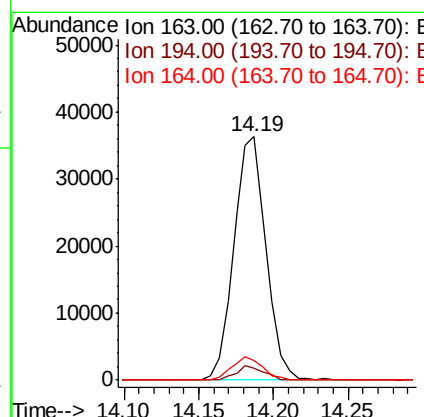
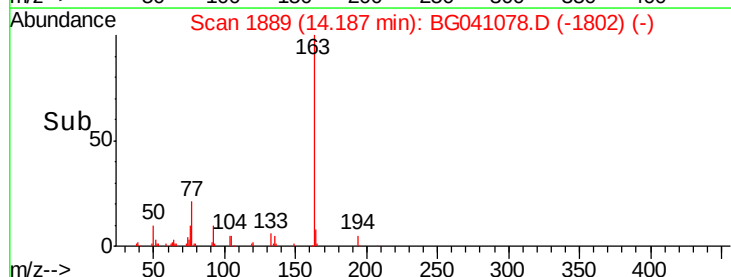
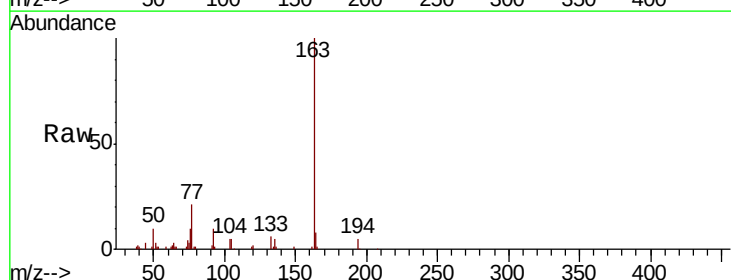
RT: 14.19 min Scan# 1889

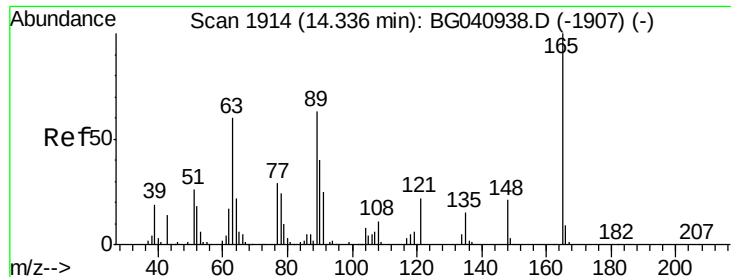
Delta R.T. -0.02 min

Lab File: BG041078.D

Acq: 5 Jun 2019 18:53

Tgt Ion:	163	Resp:	54264
Ion Ratio	Lower	Upper	
163	100		
194	4.8	3.8	5.8
164	8.2	8.7	13.1#





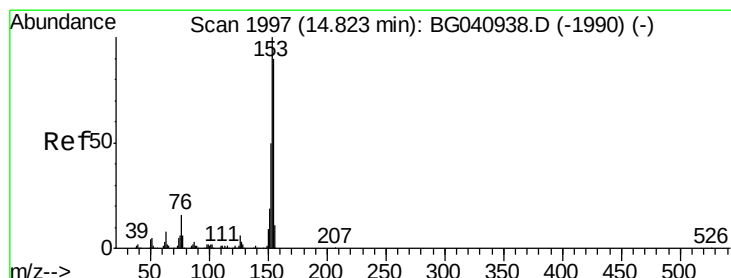
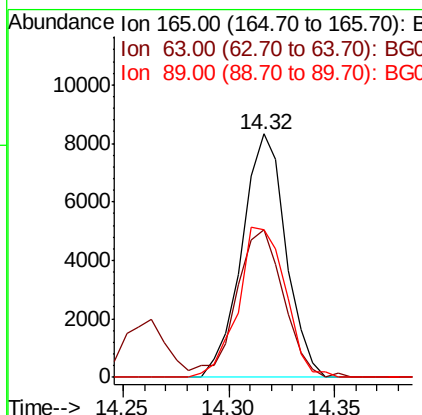
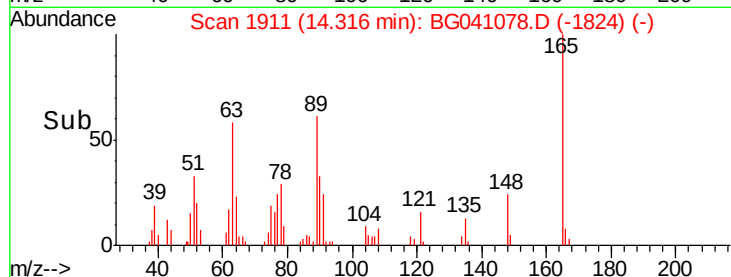
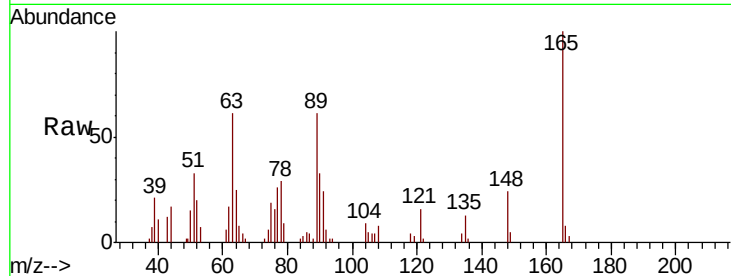
#51
2,6-Dinitrotoluene
Concen: 7.531 ng
RT: 14.32 min Scan# 1911
Delta R.T. -0.02 min
Lab File: BG041078.D
Acq: 5 Jun 2019 18:53

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Tot Ion	Ratio	Lower	Upper
165	100		
63	60.5	53.6	80.4
89	60.8	50.4	75.6

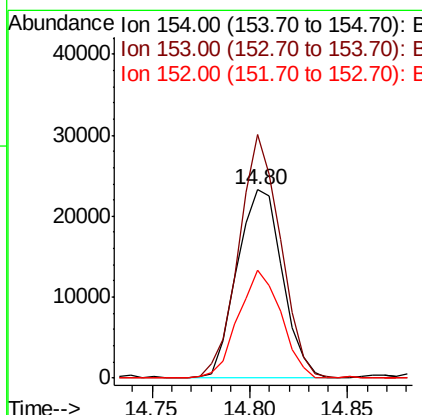
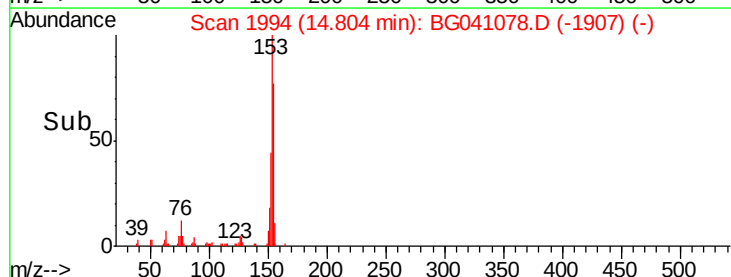
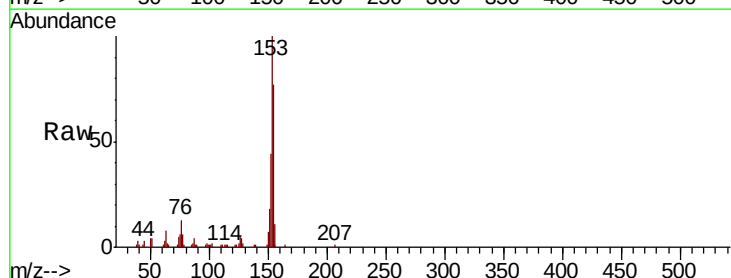
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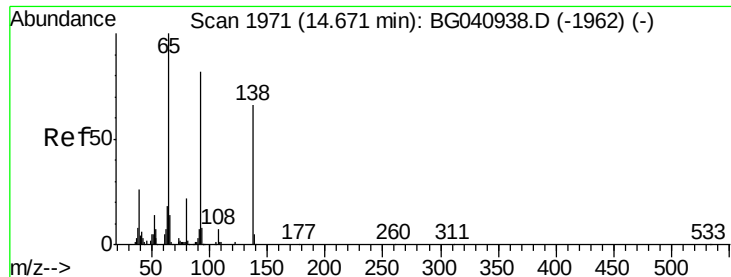
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#52
Acenaphthene
Concen: 7.400 ng
RT: 14.80 min Scan# 1994
Delta R.T. -0.02 min
Lab File: BG041078.D
Acq: 5 Jun 2019 18:53

Tgt Ion	Ratio	Lower	Upper
154	100		
153	129.5	88.6	133.0
152	57.2	44.2	66.4





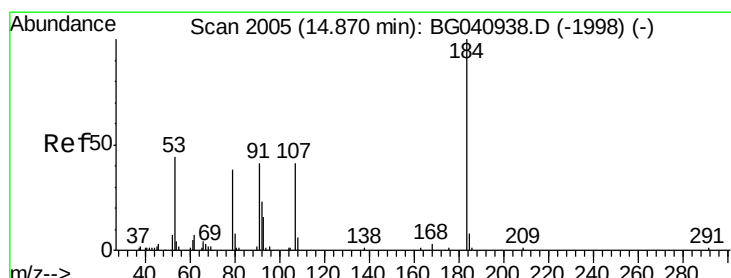
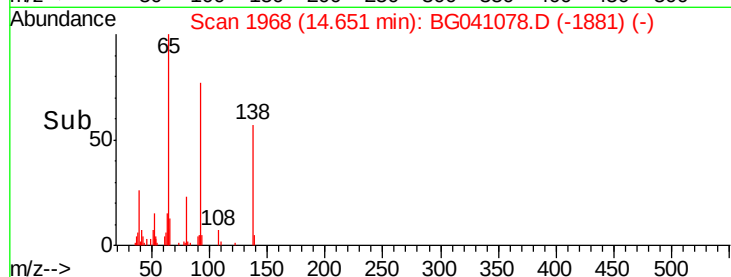
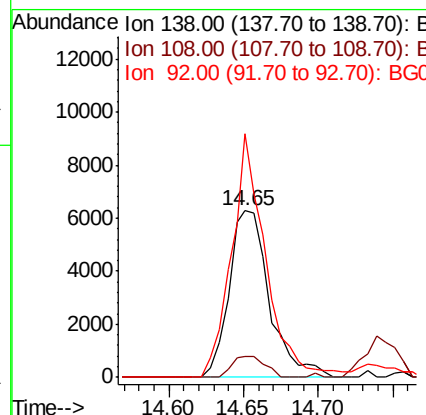
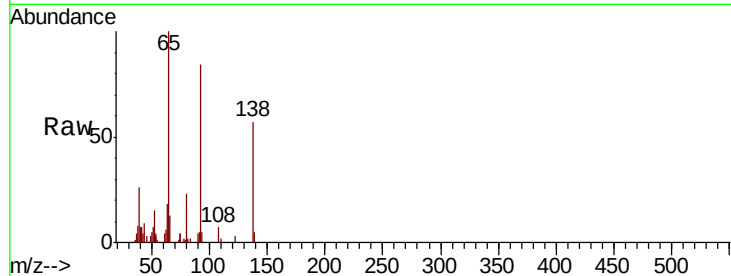
#53
3-Nitroaniline
Concen: 7.443 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.02 min
Lab File: BG041078.D
Acq: 5 Jun 2019 18:53

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Tot Ion:138 Resp: 11868
Ion Ratio Lower Upper
138 100
108 12.3 8.5 12.7
92 146.4 99.0 148.6

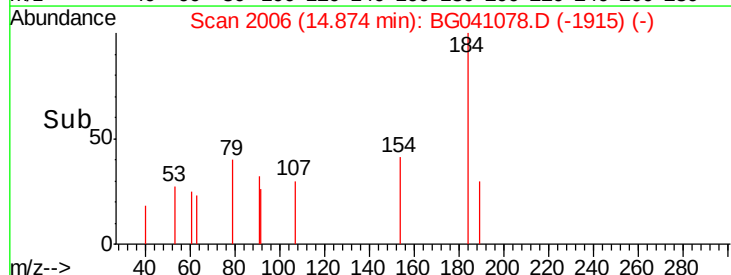
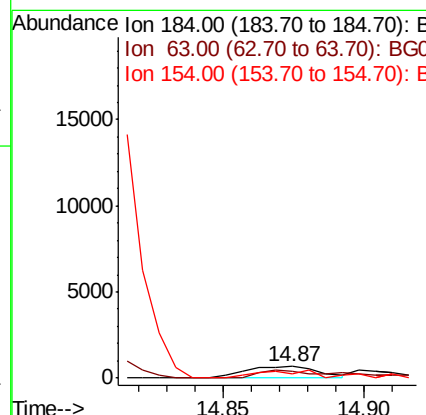
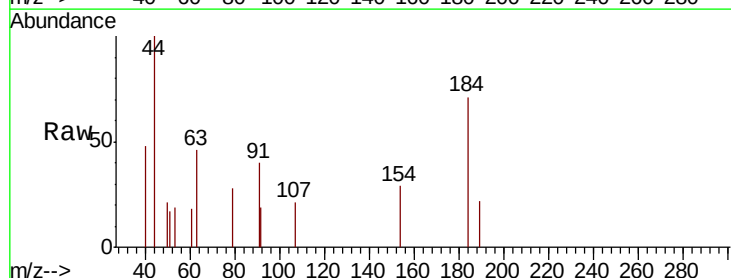
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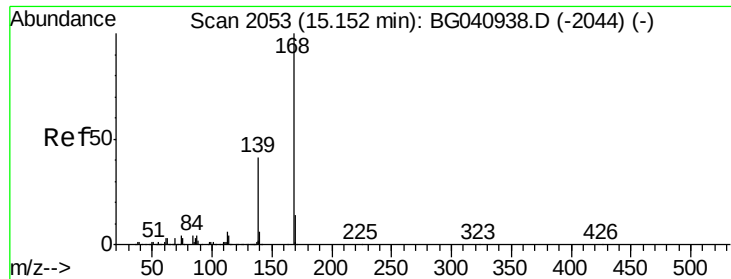
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#54
2,4-Dinitrophenol
Concen: 10.096 ng
RT: 14.87 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BG041078.D
Acq: 5 Jun 2019 18:53

Tgt Ion:184 Resp: 1220
Ion Ratio Lower Upper
184 100
63 64.4 49.8 74.6
154 41.3 52.2 78.4#





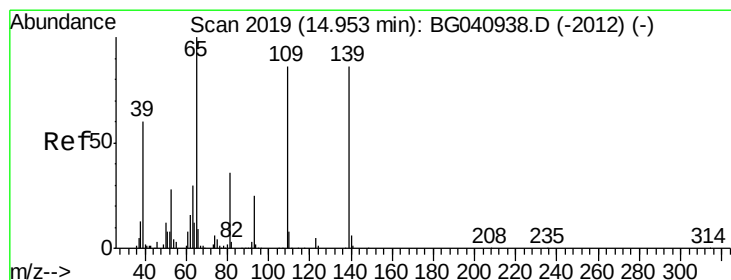
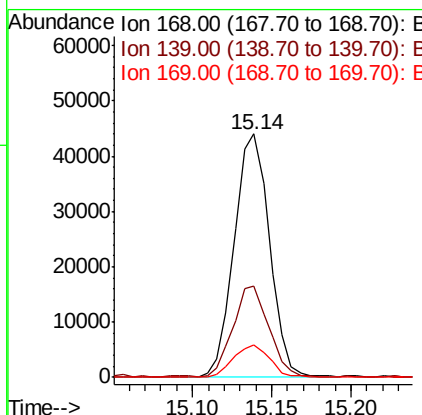
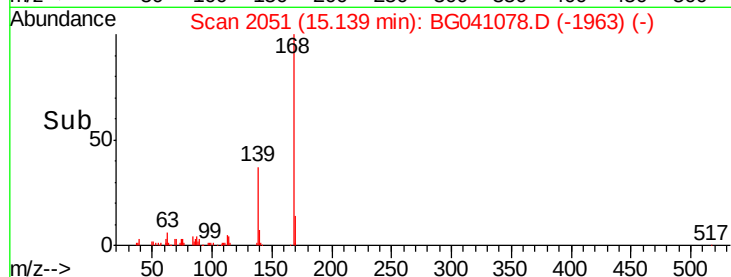
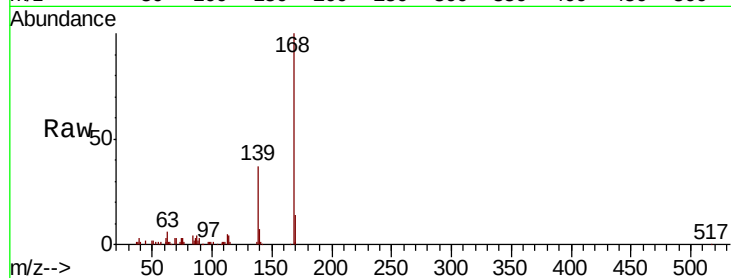
#55
Dibenzofuran
Concen: 7.997 ng
RT: 15.14 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BG041078.D
Acq: 5 Jun 2019 18:53

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.4	32.8	49.2
169	13.5	11.3	16.9

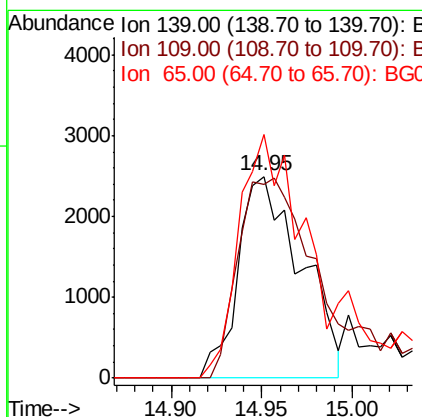
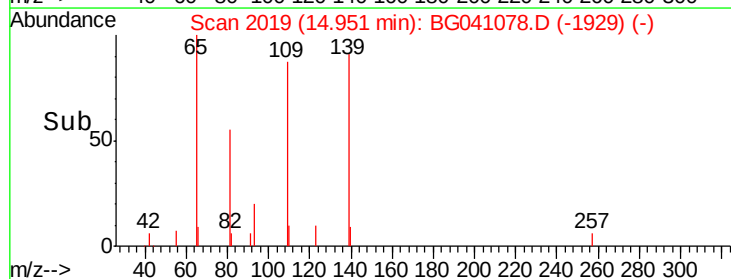
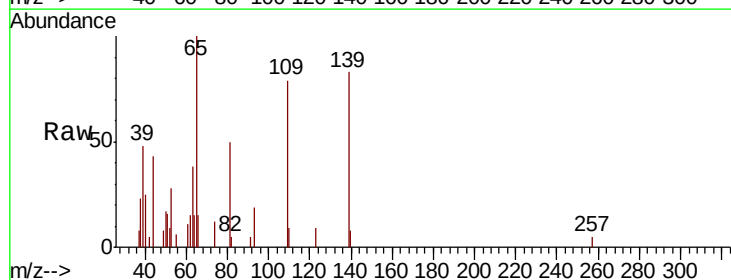
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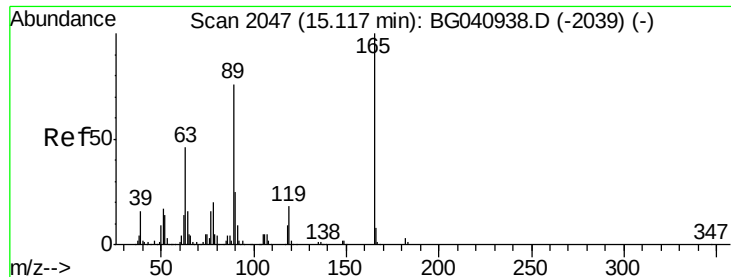
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#56
4-Nitrophenol
Concen: 5.586 ng
RT: 14.95 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BG041078.D
Acq: 5 Jun 2019 18:53

Tgt Ion	Ratio	Lower	Upper
139	100		
109	95.7	79.6	119.6
65	120.6	96.9	136.9





#57

2,4-Dinitrotoluene

Concen: 7.175 ng

RT: 15.10 min Scan# 2044

Delta R.T. -0.02 min

Lab File: BG041078.D

Acq: 5 Jun 2019 18:53

Instrument :

BNA_G

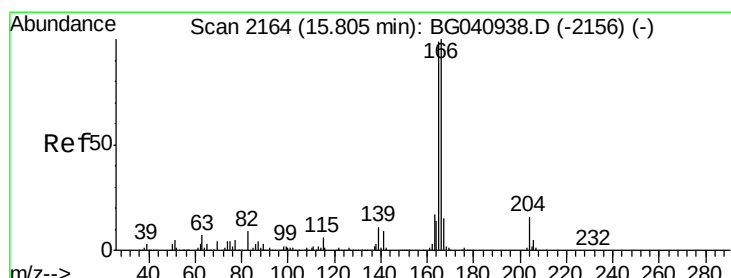
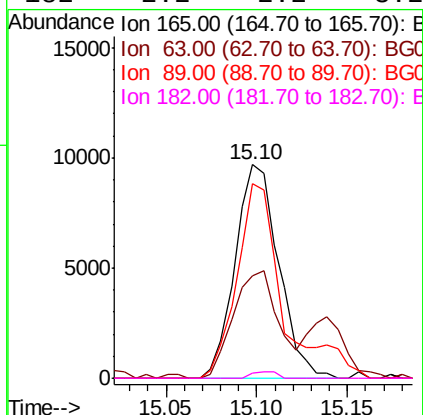
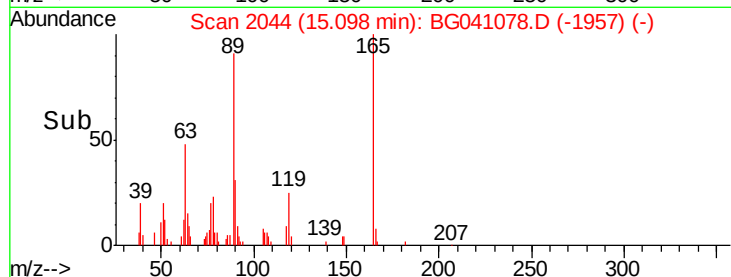
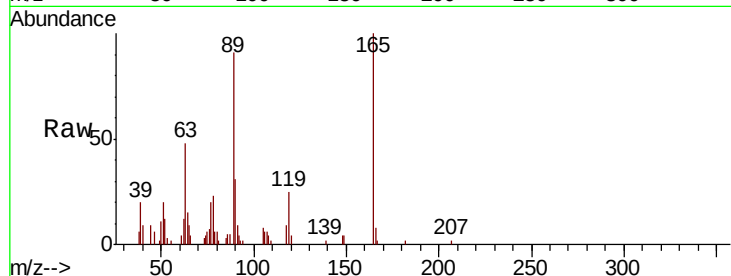
ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

Tot Ion:	165	Resp:	16160
Ion Ratio	Lower	Upper	
165	100		
63	48.1	37.3	55.9
89	91.0	61.0	91.6
182	2.2	2.2	3.2

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#58

Fluorene

Concen: 7.719 ng

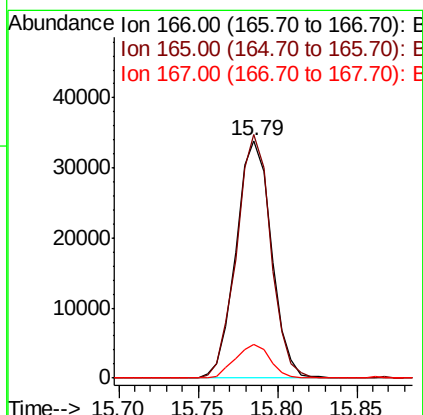
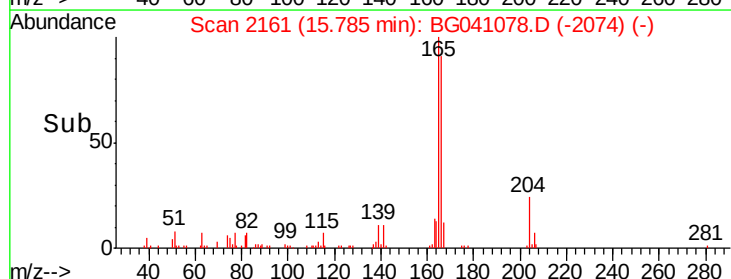
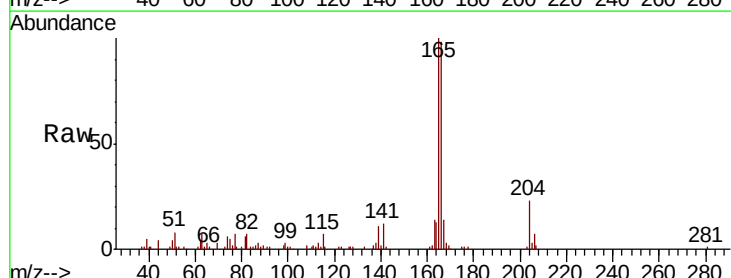
RT: 15.79 min Scan# 2161

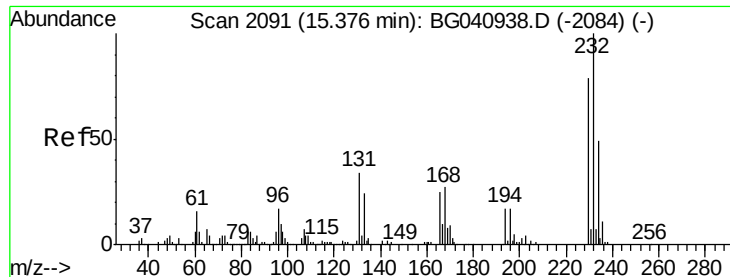
Delta R.T. -0.02 min

Lab File: BG041078.D

Acq: 5 Jun 2019 18:53

Tgt Ion:	166	Resp:	52359
Ion Ratio	Lower	Upper	
166	100		
165	102.5	79.2	118.8
167	14.3	11.8	17.6





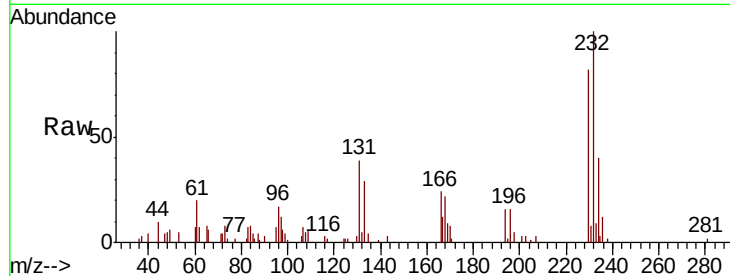
#59
2,3,4,6-Tetrachlorophenol
Concen: 8.075 ng
RT: 15.36 min Scan# 2088
Delta R.T. -0.02 min
Lab File: BG041078.D
Acq: 5 Jun 2019 18:53

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

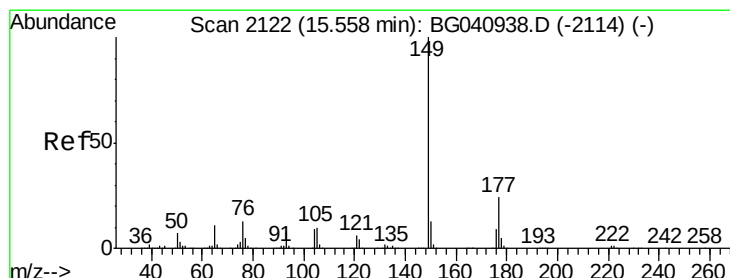
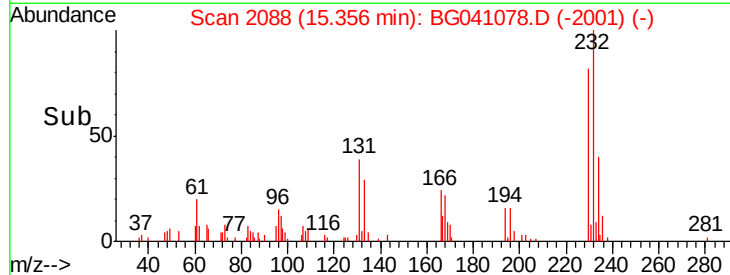
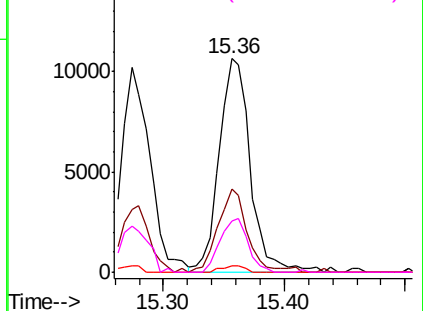
Tot Ion:	232	Resp:	19064
Ion Ratio		Lower	Upper
232	100		
131	35.6	30.3	45.5
130	2.2	1.8	2.8
166	22.4	21.3	31.9

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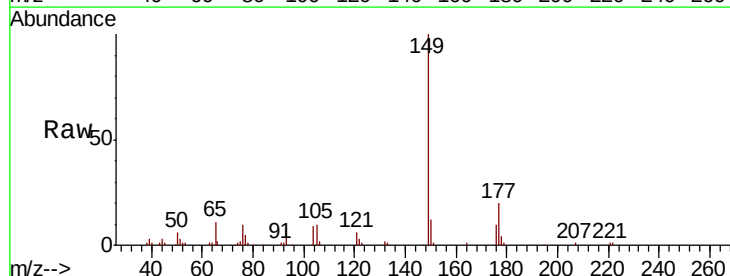


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

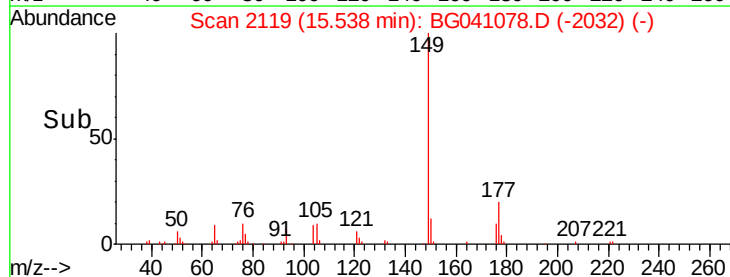
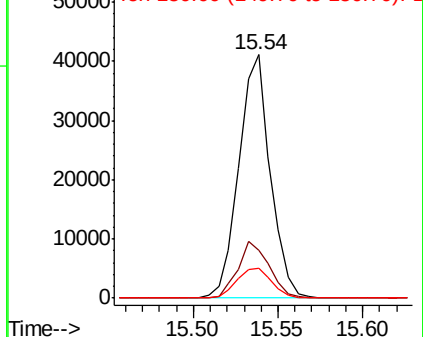


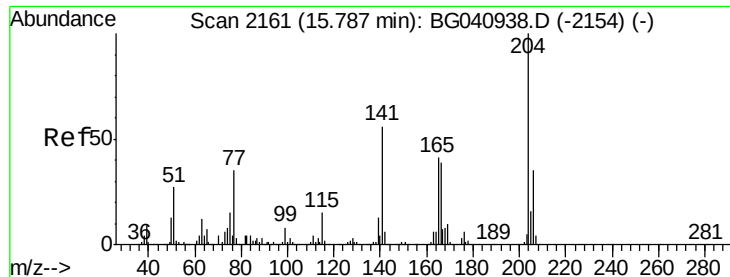
#60
Diethylphthalate
Concen: 7.037 ng
RT: 15.54 min Scan# 2119
Delta R.T. -0.02 min
Lab File: BG041078.D
Acq: 5 Jun 2019 18:53

Tgt Ion:	149	Resp:	53107
Ion Ratio		Lower	Upper
149	100		
177	19.8	19.4	29.0
150	12.3	10.3	15.5



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





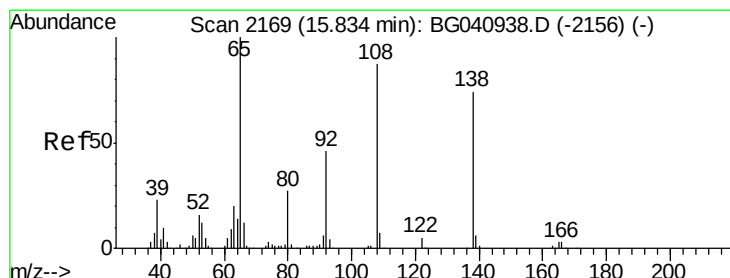
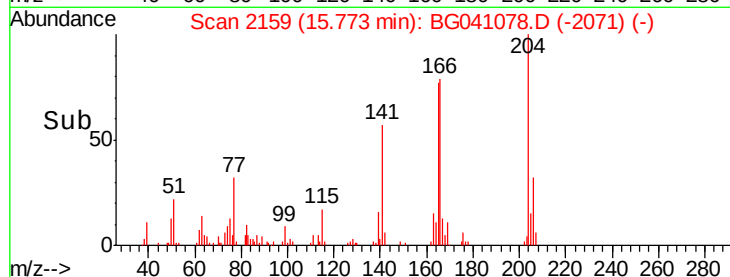
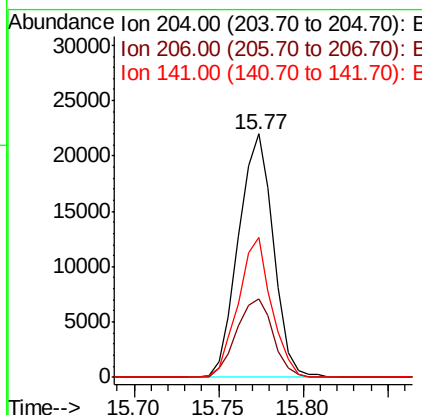
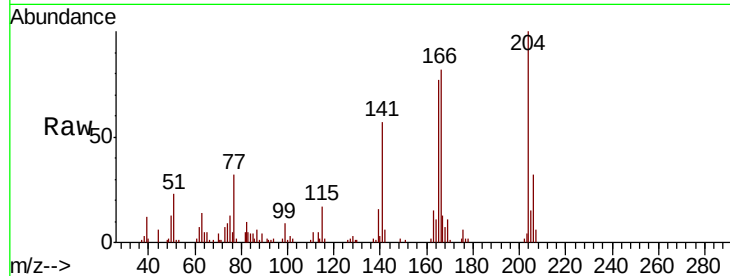
#61
4-Chlorophenyl-phenylether
Concen: 7.181 ng
RT: 15.77 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BG041078.D
Acq: 5 Jun 2019 18:53

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Tot Ion:	204	Resp:	31660
Ion Ratio	Lower	Upper	
204	100		
206	32.5	27.6	41.4
141	57.3	45.1	67.7

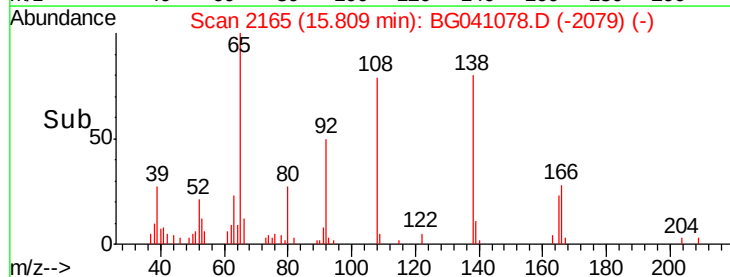
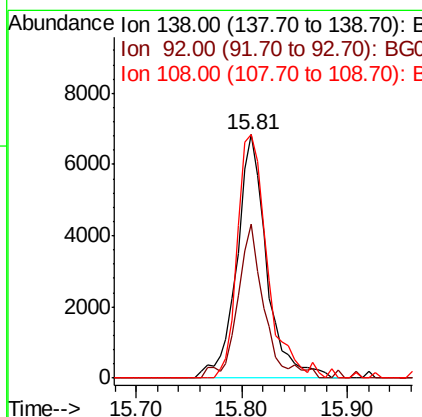
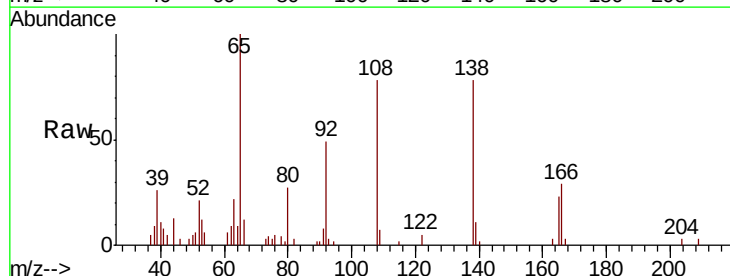
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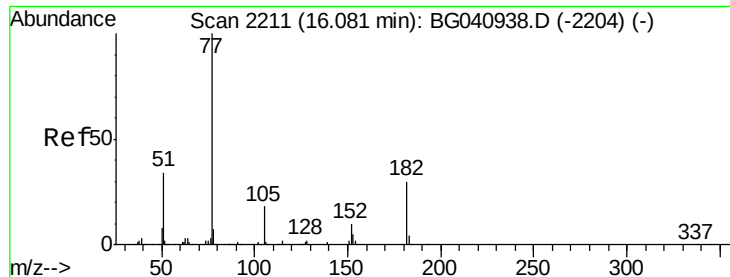
mohammad
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#62
4-Nitroaniline
Concen: 7.882 ng
RT: 15.81 min Scan# 2165
Delta R.T. -0.03 min
Lab File: BG041078.D
Acq: 5 Jun 2019 18:53

Tgt Ion:	138	Resp:	13304
Ion Ratio	Lower	Upper	
138	100		
92	63.2	42.4	82.4
108	99.8	96.9	136.9





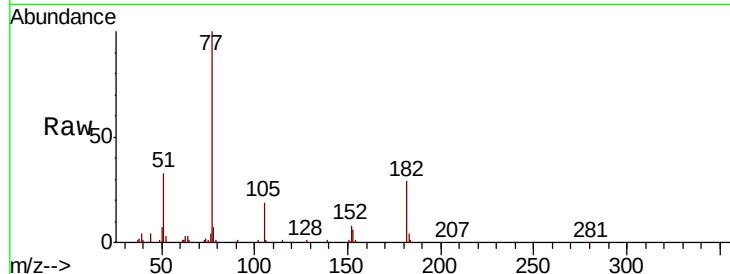
#63
Azobenzene
Concen: 7.587 ng
RT: 16.06 min Scan# 2208
Delta R.T. -0.02 min
Lab File: BG041078.D
Acq: 5 Jun 2019 18:53

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	28.7	9.6	49.6	
105	19.0	0.0	37.5	
51	33.2	13.7	53.7	

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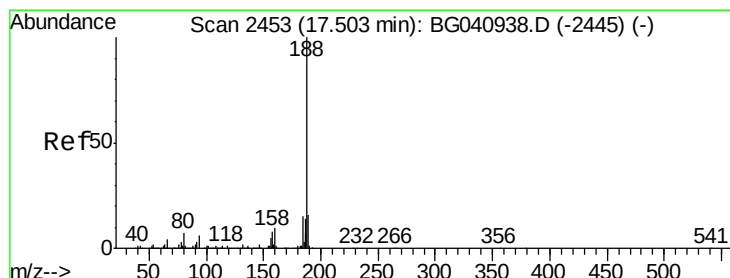
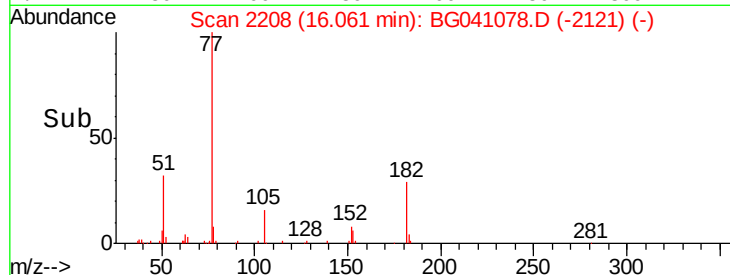
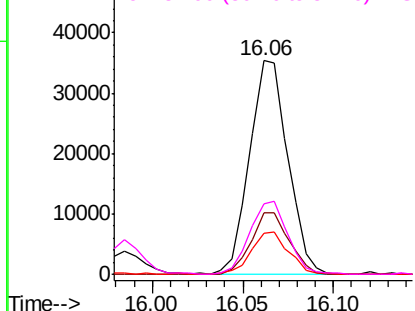
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2450
Delta R.T. -0.02 min
Lab File: BG041078.D
Acq: 5 Jun 2019 18:53

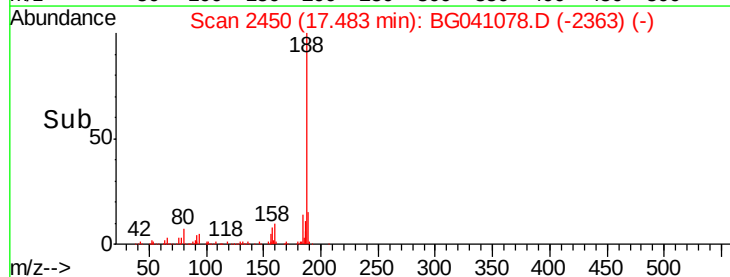
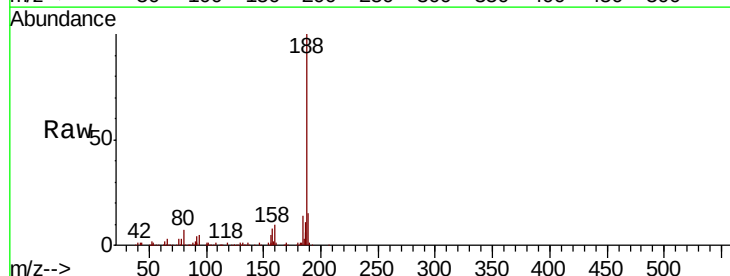
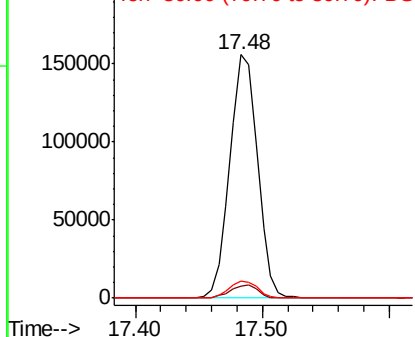
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	5.1	4.7	7.1	
80	7.0	5.8	8.8	

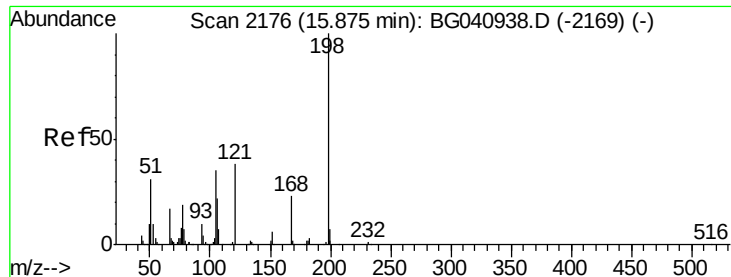
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 12.517 ng

RT: 15.86 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BG041078.D

Acq: 5 Jun 2019 18:53

Instrument :

BNA_G

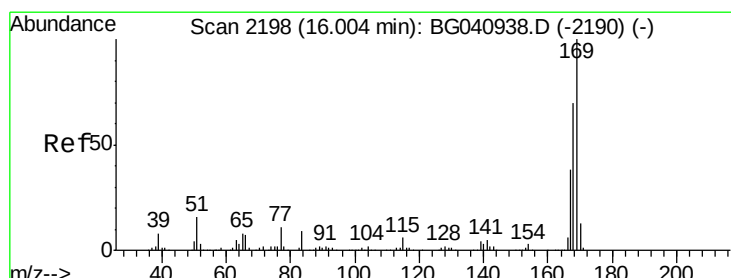
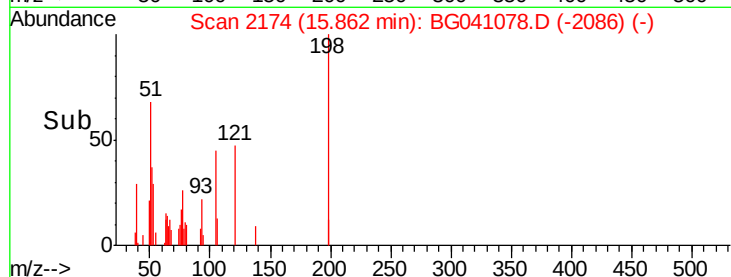
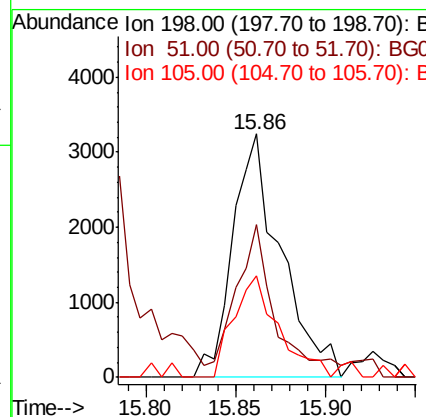
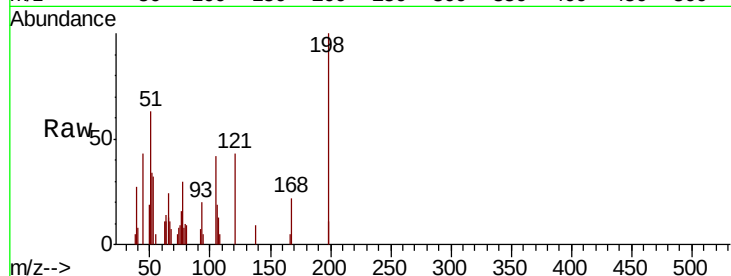
ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

Tot Ion:	198	Resp:	6054
Ion Ratio	Lower	Upper	
198	100		
51	62.7	21.6	61.6#
105	41.6	17.5	57.5

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#66

n-Nitrosodiphenylamine

Concen: 7.187 ng

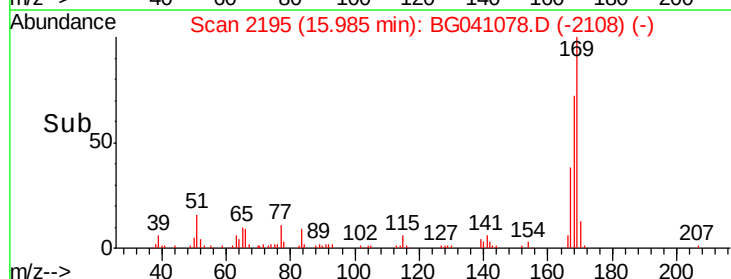
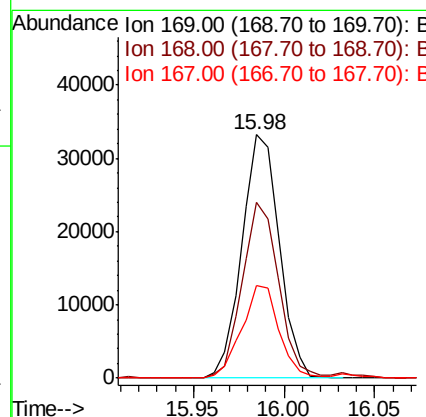
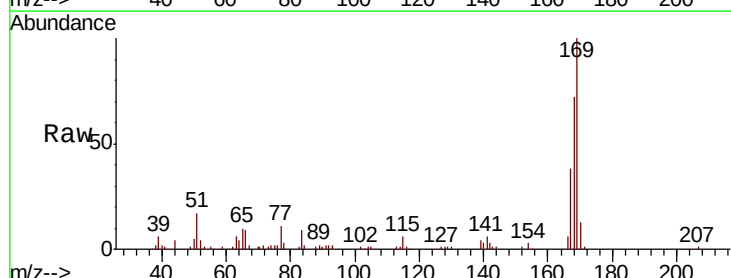
RT: 15.98 min Scan# 2195

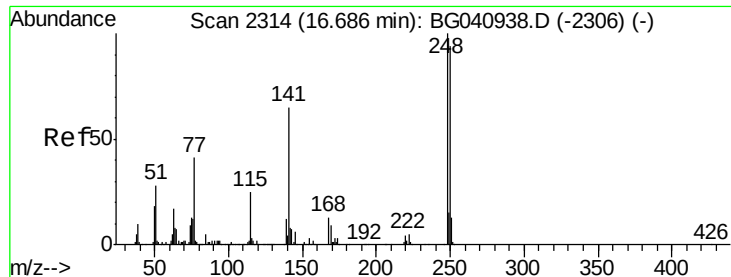
Delta R.T. -0.02 min

Lab File: BG041078.D

Acq: 5 Jun 2019 18:53

Tgt Ion:	169	Resp:	47716
Ion Ratio	Lower	Upper	
169	100		
168	72.1	55.7	83.5
167	38.0	30.2	45.2





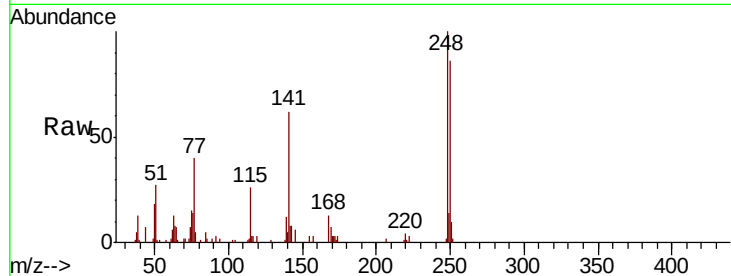
#67
4-Bromophenyl-phenylether
Concen: 6.649 ng
RT: 16.67 min Scan# 2311
Delta R.T. -0.02 min
Lab File: BG041078.D
Acq: 5 Jun 2019 18:53

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Tot Ion	Ratio	Lower	Upper
248	100		
250	86.2	75.0	112.4
141	62.5	52.4	78.6

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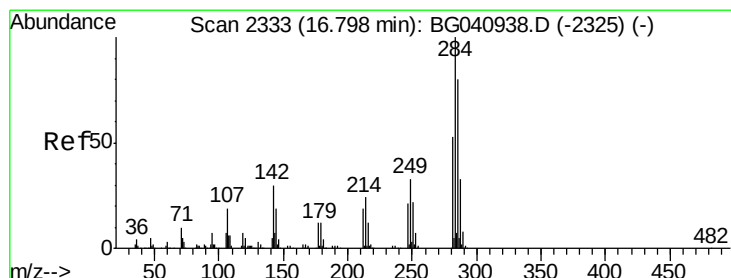
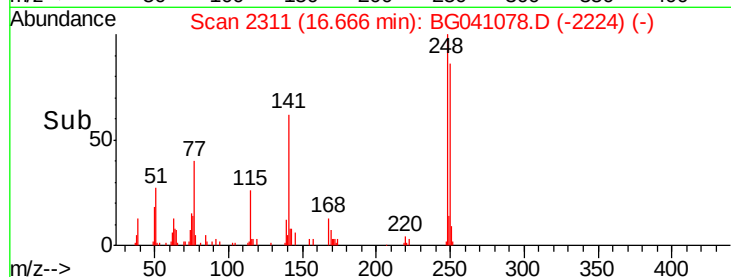
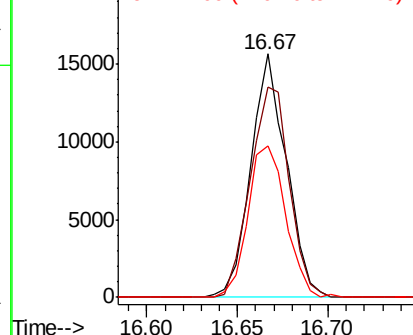


Abundance

Ion 248.00 (247.70 to 248.70): E

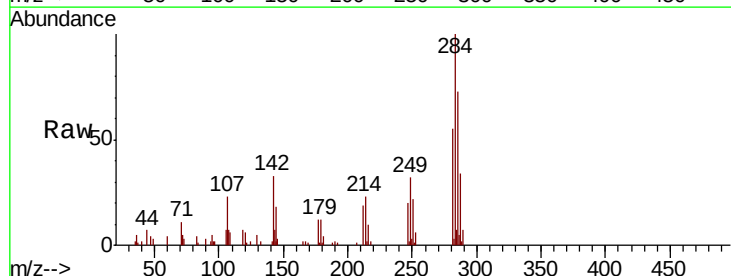
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 6.439 ng
RT: 16.78 min Scan# 2330
Delta R.T. -0.02 min
Lab File: BG041078.D
Acq: 5 Jun 2019 18:53

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.7	23.9	35.9
249	32.2	26.8	40.2

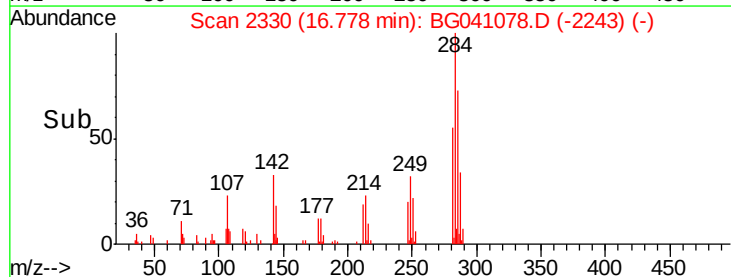
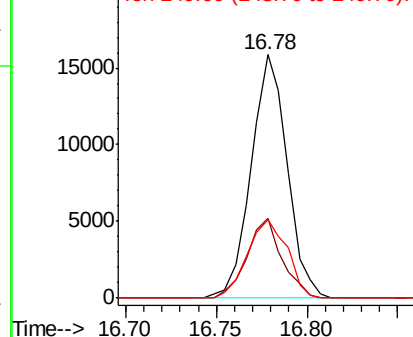


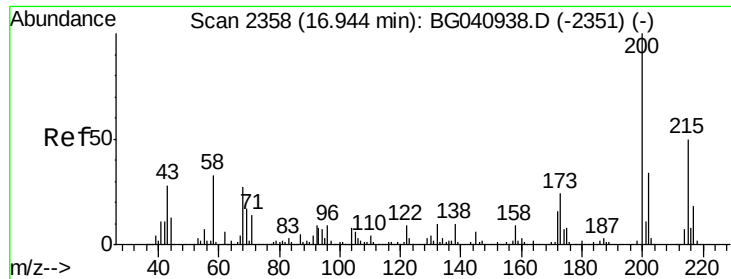
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





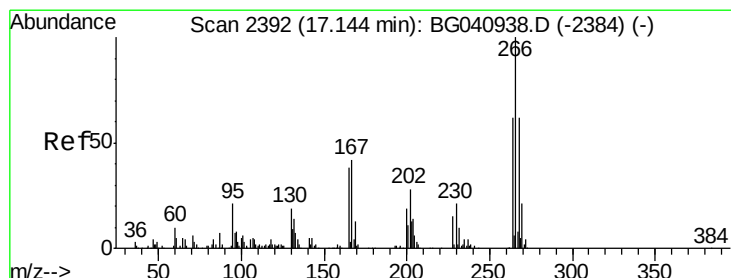
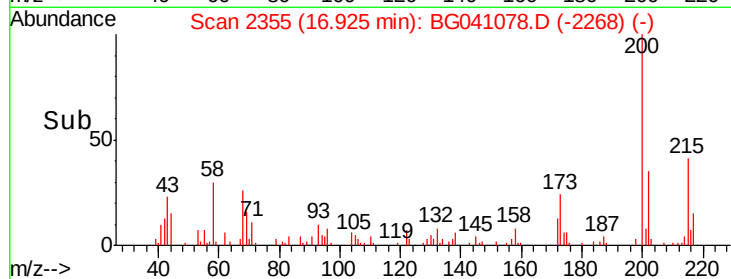
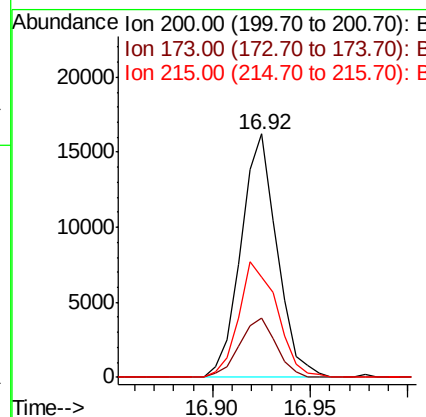
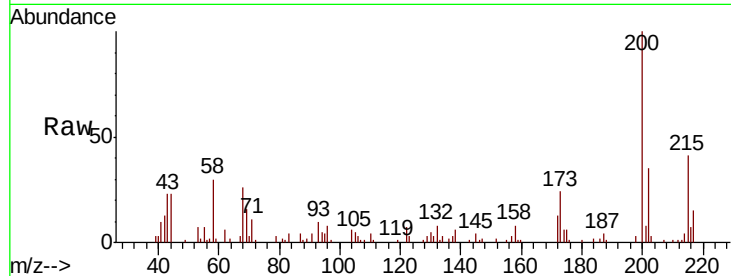
#69
Atrazine
Concen: 8.080 ng
RT: 16.92 min Scan# 2355
Delta R.T. -0.02 min
Lab File: BG041078.D
Acq: 5 Jun 2019 18:53

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.3	3.6	43.6
215	41.0	29.6	69.6

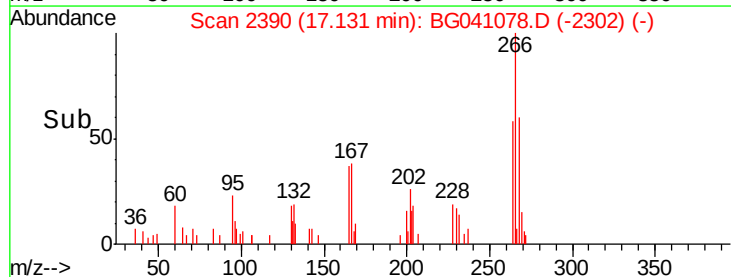
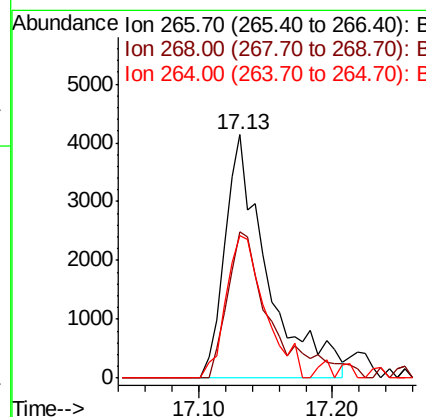
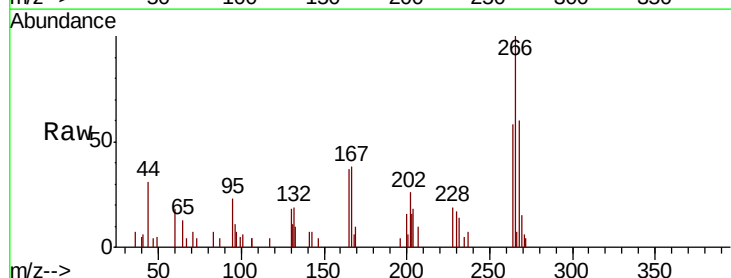
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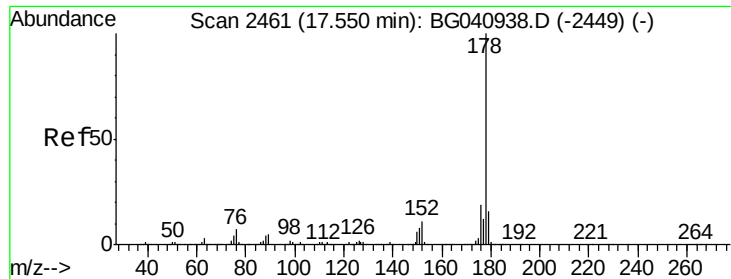
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#70
Pentachlorophenol
Concen: 9.043 ng
RT: 17.13 min Scan# 2390
Delta R.T. -0.01 min
Lab File: BG041078.D
Acq: 5 Jun 2019 18:53

Tgt Ion	Ratio	Lower	Upper
266	100		
268	60.0	53.1	79.7
264	58.3	49.9	74.9





#71

Phenanthrene

Concen: 7.756 ng

RT: 17.53 min Scan# 2458

Delta R.T. -0.02 min

Lab File: BG041078.D

Acq: 5 Jun 2019 18:53

Instrument :

BNA_G

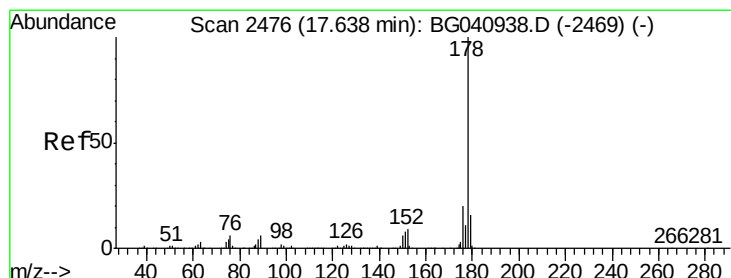
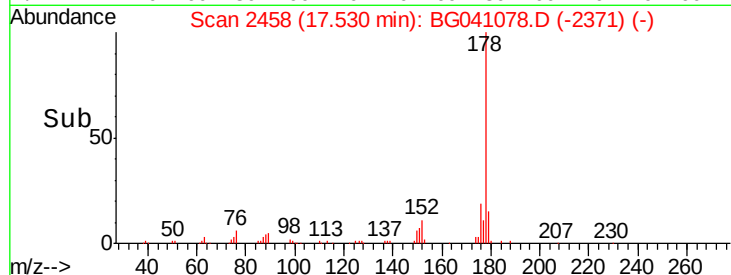
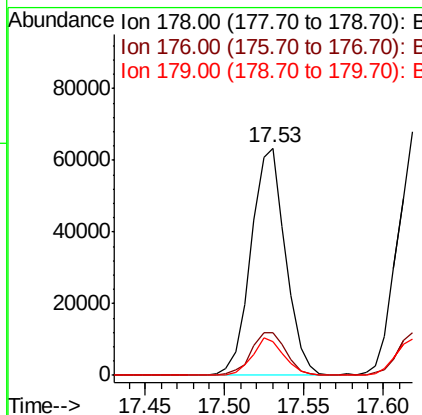
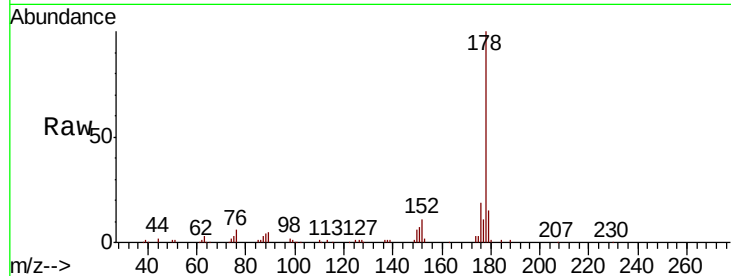
ClientSampleId :

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Tot Ion:178	Resp:	95419
Ion Ratio	Lower	Upper
178	100	
176	18.9	15.5 23.3
179	15.0	12.7 19.1

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#72

Anthracene

Concen: 8.056 ng

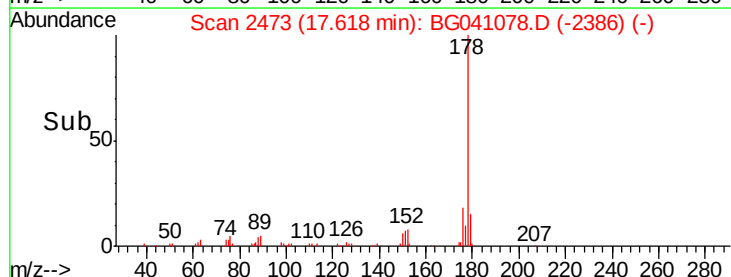
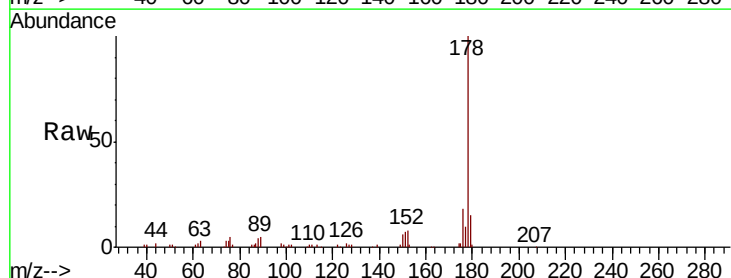
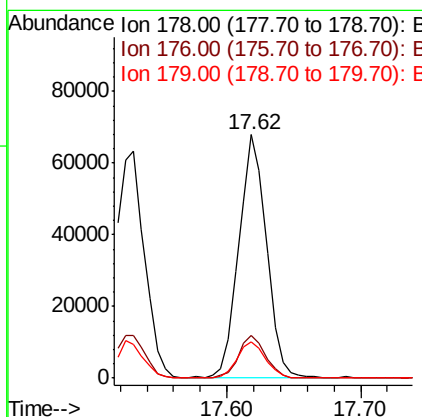
RT: 17.62 min Scan# 2473

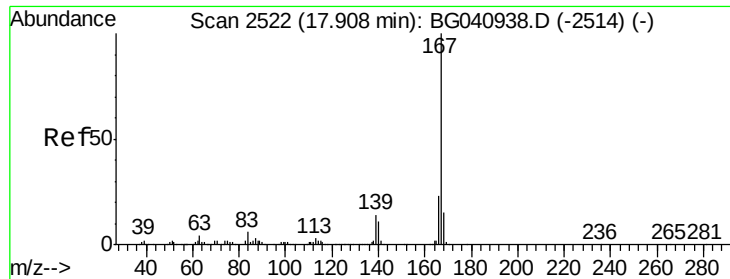
Delta R.T. -0.02 min

Lab File: BG041078.D

Acq: 5 Jun 2019 18:53

Tgt Ion:178	Resp:	97746
Ion Ratio	Lower	Upper
178	100	
176	17.6	15.6 23.4
179	14.7	13.0 19.4





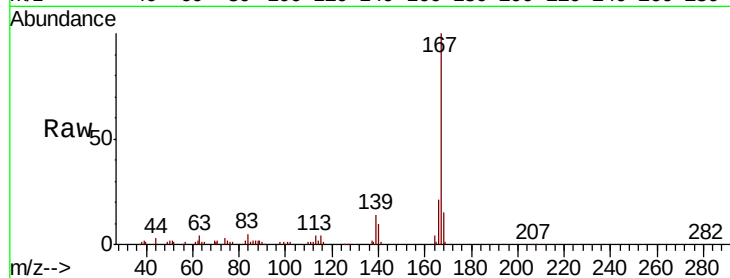
#73
 Carbazole
 Concen: 8.291 ng
 RT: 17.89 min Scan# 2519
 Delta R.T. -0.02 min
 Lab File: BG041078.D
 Acq: 5 Jun 2019 18:53

Instrument :
 BNA_G
 ClientSampleId :
 MDL-MDL-WATER-03-QT2-2019

Tot Ion	Ratio	Lower	Upper
167	100		
166	20.9	18.2	27.4
139	13.9	10.8	16.2

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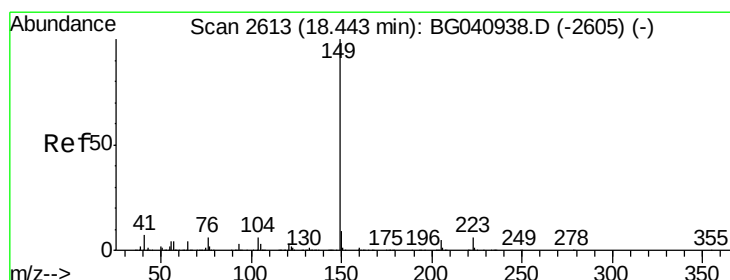
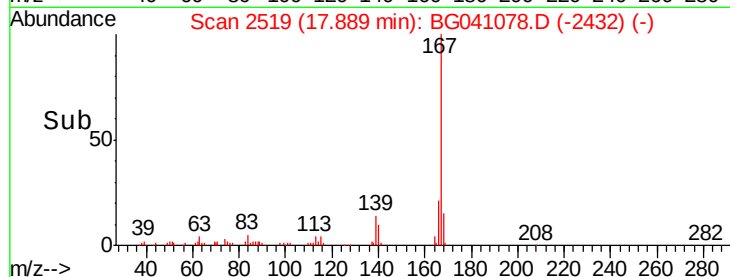
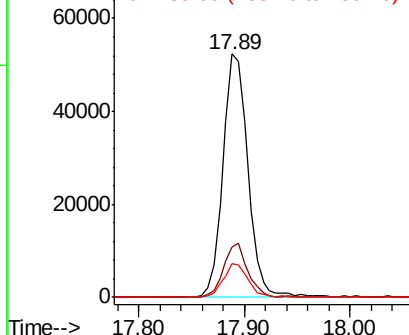


Abundance

Ion 167.00 (166.70 to 167.70): E

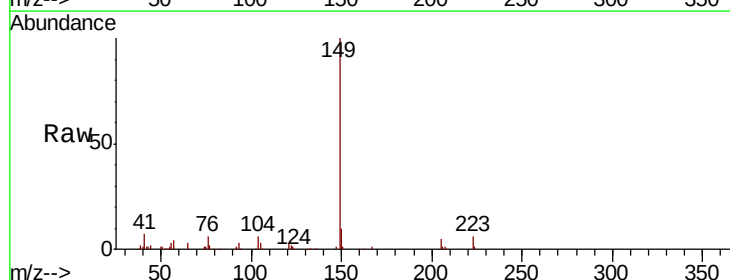
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 7.267 ng
 RT: 18.42 min Scan# 2610
 Delta R.T. -0.02 min
 Lab File: BG041078.D
 Acq: 5 Jun 2019 18:53

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.4	11.2
104	5.5	5.0	7.4

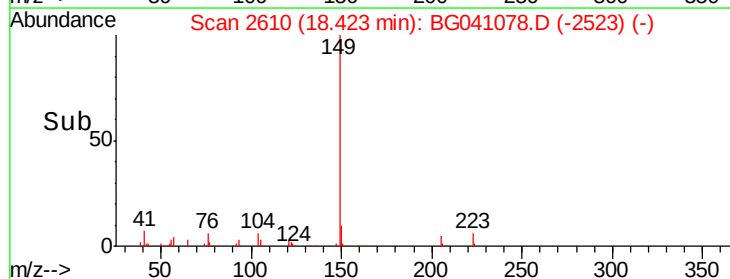
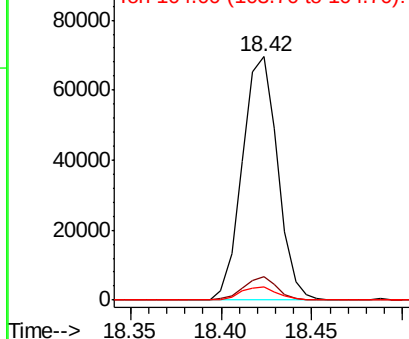


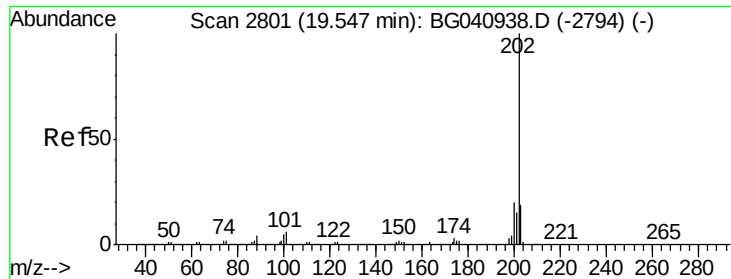
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 8.828 ng

RT: 19.53 min Scan# 2798

Delta R.T. -0.02 min

Lab File: BG041078.D

Acq: 5 Jun 2019 18:53

Instrument :

BNA_G

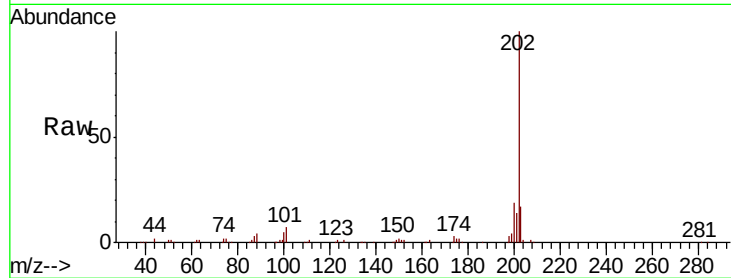
ClientSampleId :

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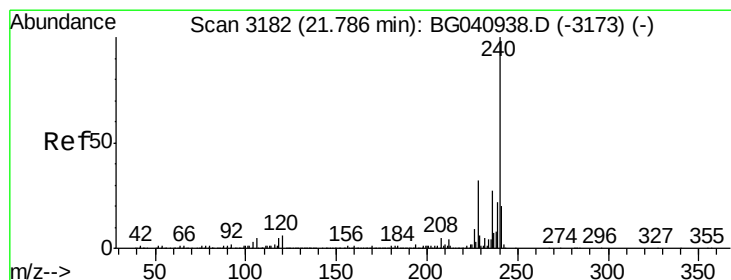
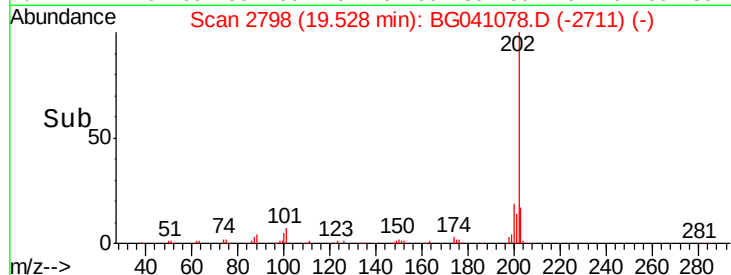
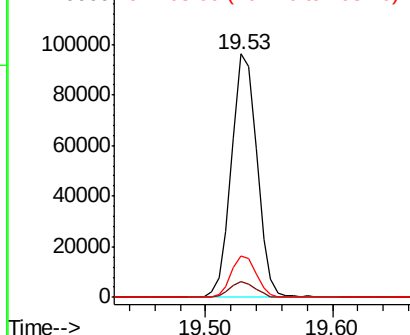
Tot Ion:	202	Resp:	134148
Ion Ratio		Lower	Upper
202	100		
101	6.6	0.0	26.2
203	17.3	0.0	38.7

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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

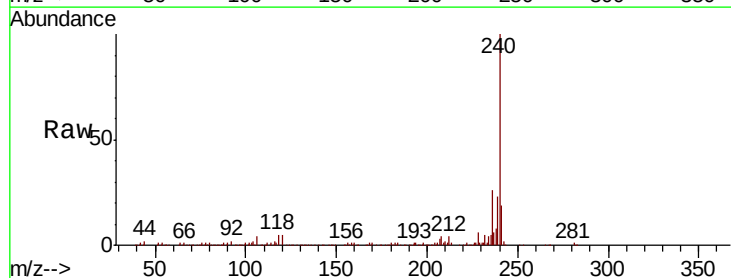
RT: 21.77 min Scan# 3179

Delta R.T. -0.02 min

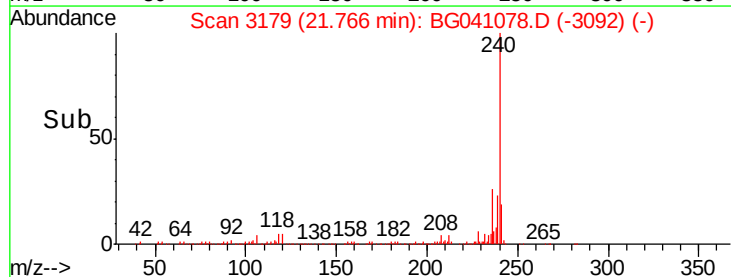
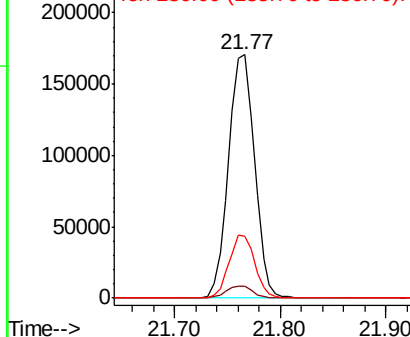
Lab File: BG041078.D

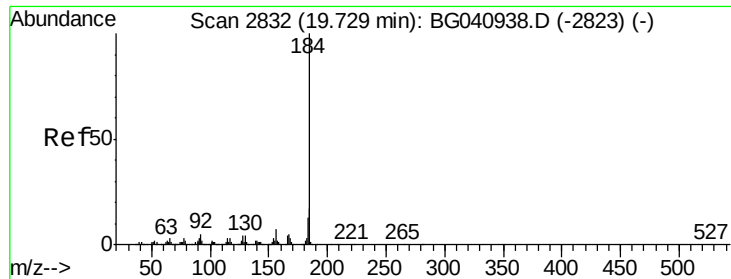
Acq: 5 Jun 2019 18:53

Tgt Ion:	240	Resp:	290728
Ion Ratio		Lower	Upper
240	100		
120	5.1	4.5	6.7
236	25.5	21.3	31.9



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: 8.505 ng

RT: 19.71 min Scan# 2829

Delta R.T. -0.02 min

Lab File: BG041078.D

Acq: 5 Jun 2019 18:53

Instrument :

BNA_G

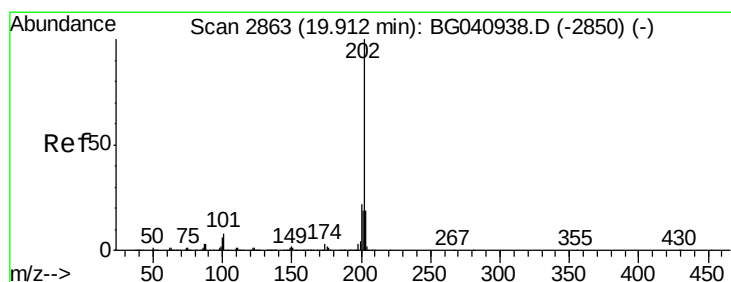
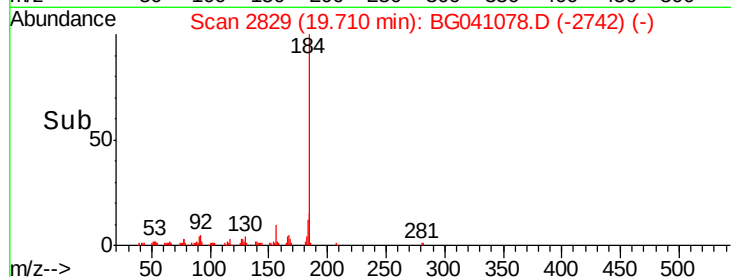
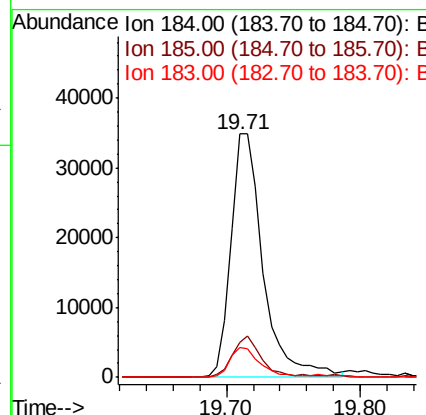
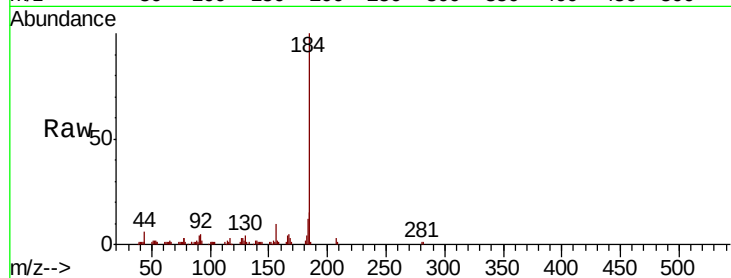
ClientSampleId :

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Tot Ion:	184	Resp:	58984
Ion Ratio	Lower	Upper	
184	100		
185	14.6	13.3	19.9
183	12.4	10.7	16.1

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#78

Pyrene

Concen: 7.273 ng

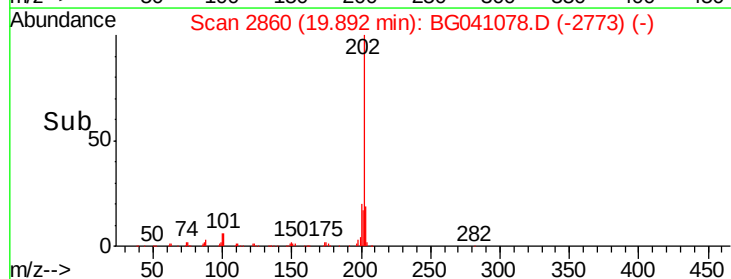
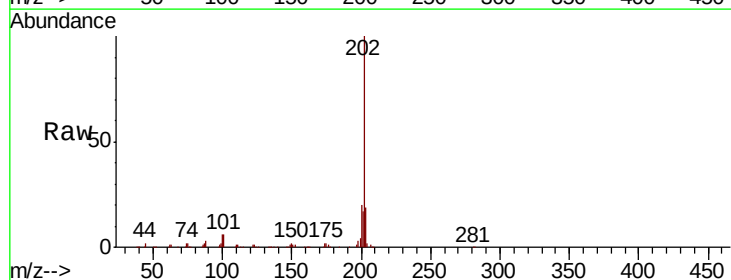
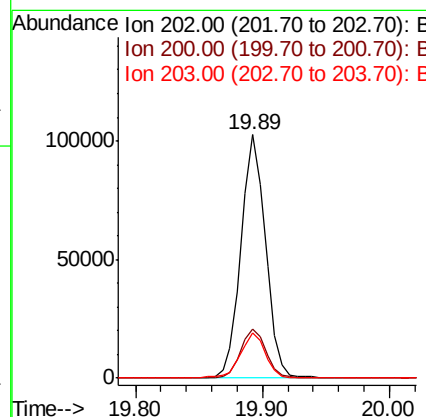
RT: 19.89 min Scan# 2860

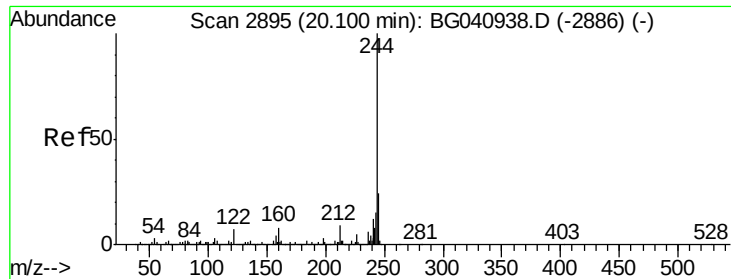
Delta R.T. -0.02 min

Lab File: BG041078.D

Acq: 5 Jun 2019 18:53

Tgt Ion:	202	Resp:	137463
Ion Ratio	Lower	Upper	
202	100		
200	20.4	17.5	26.3
203	18.6	15.6	23.4





#79

Terphenyl-d14

Concen: 74.596 ng

RT: 20.08 min Scan# 2892

Delta R.T. -0.02 min

Lab File: BG041078.D

Acq: 5 Jun 2019 18:53

Instrument :

BNA_G

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

Tot Ion:244 Resp: 1021846

Ion Ratio Lower Upper

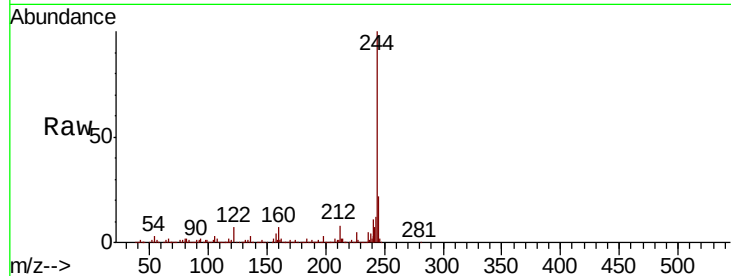
244 100

212 8.2 7.0 10.4

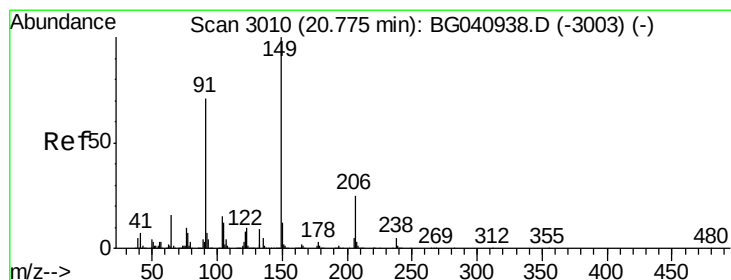
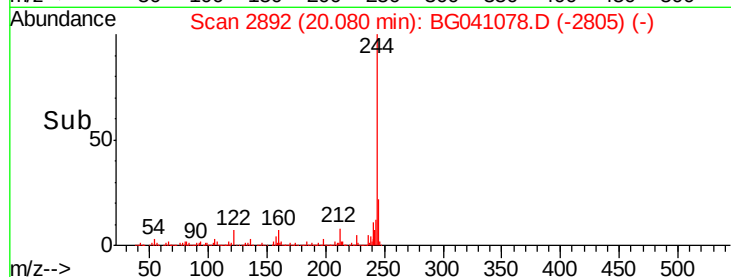
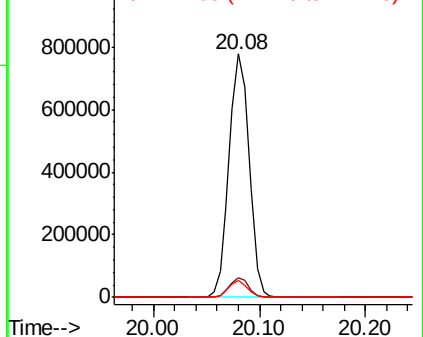
122 6.9 5.4 8.0

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



#80

Butylbenzylphthalate

Concen: 6.609 ng

RT: 20.76 min Scan# 3007

Delta R.T. -0.02 min

Lab File: BG041078.D

Acq: 5 Jun 2019 18:53

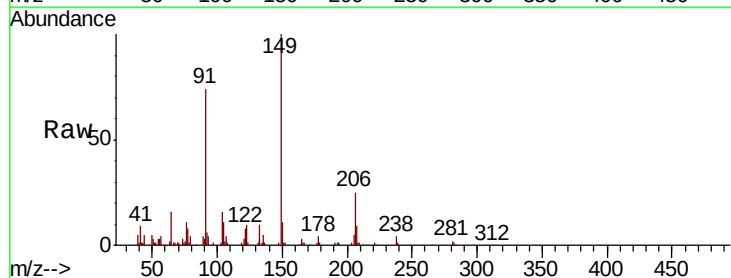
Tgt Ion:149 Resp: 48607

Ion Ratio Lower Upper

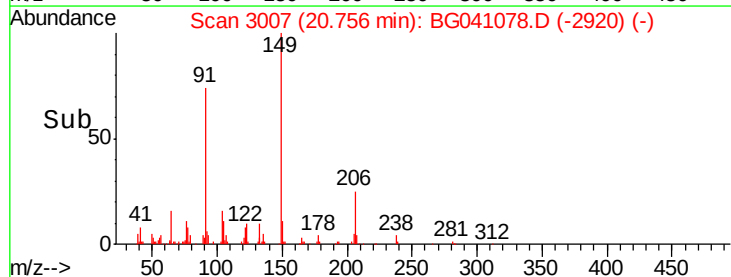
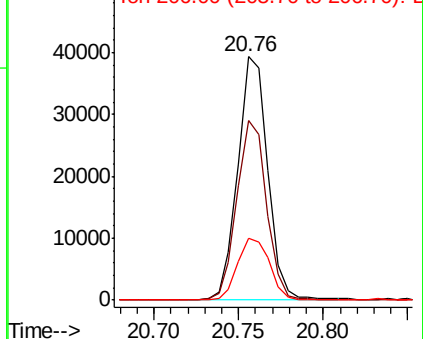
149 100

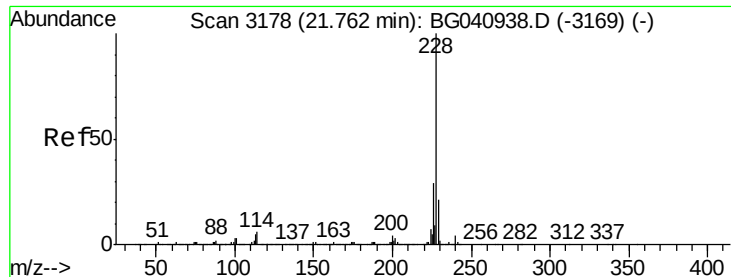
91 73.8 56.5 84.7

206 25.5 20.3 30.5



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





#81

Benzo(a)anthracene

Concen: 7.951 ng

RT: 21.74 min Scan# 3175

Delta R.T. -0.02 min

Lab File: BG041078.D

Acq: 5 Jun 2019 18:53

Instrument :

BNA_G

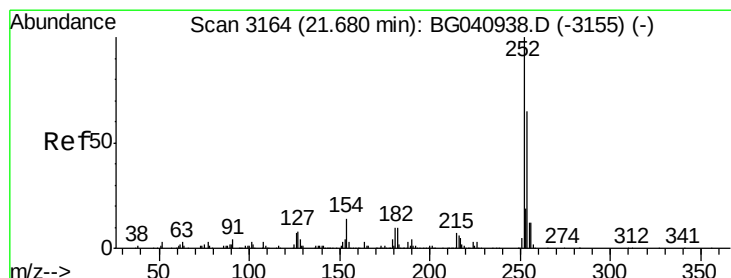
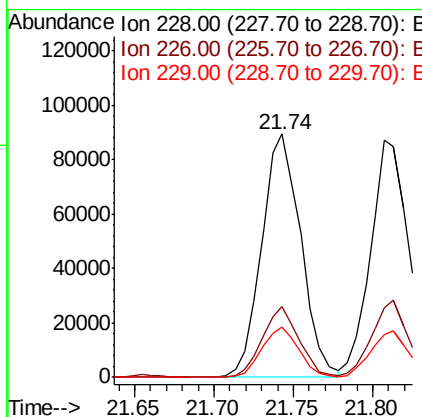
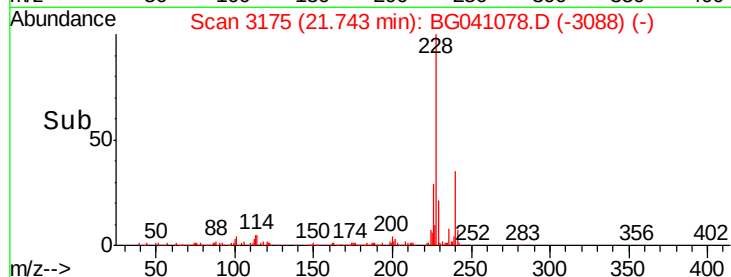
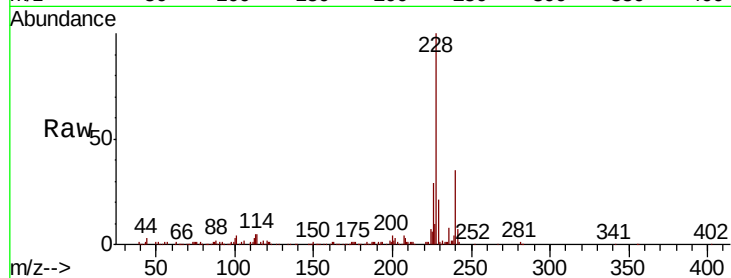
ClientSampleId :

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Tot Ion:	228	Resp:	153873
Ion Ratio	Lower	Upper	
228	100		
226	29.3	23.5	35.3
229	20.8	16.7	25.1

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#82

3,3'-Dichlorobenzidine

Concen: 8.020 ng

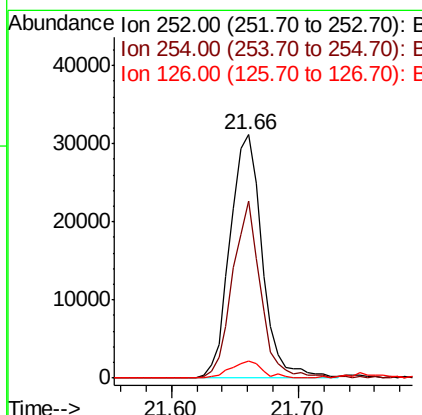
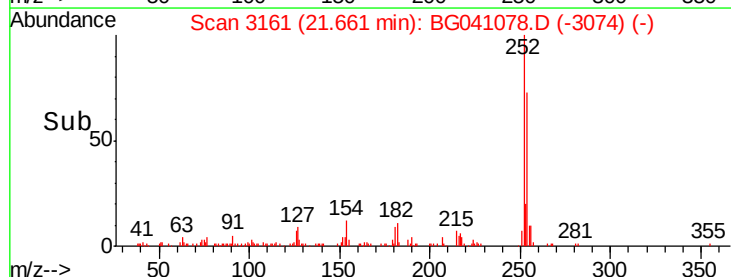
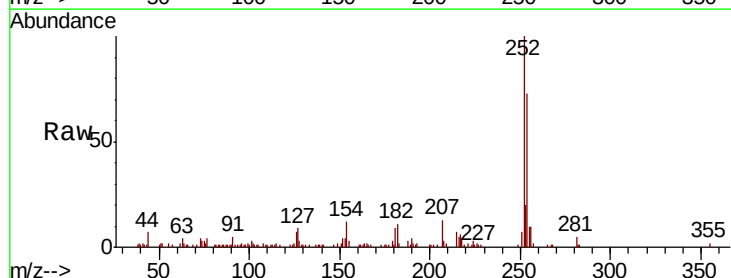
RT: 21.66 min Scan# 3161

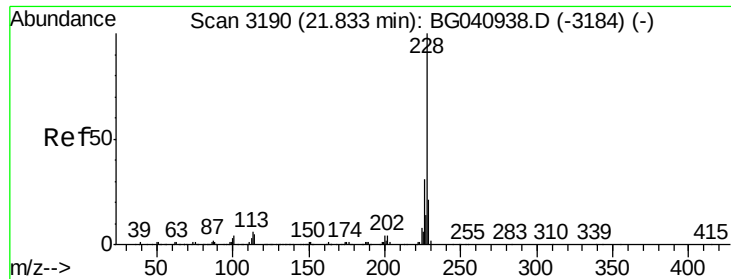
Delta R.T. -0.02 min

Lab File: BG041078.D

Acq: 5 Jun 2019 18:53

Tgt Ion:	252	Resp:	54590
Ion Ratio	Lower	Upper	
252	100		
254	72.7	52.1	78.1
126	7.2	5.5	8.3





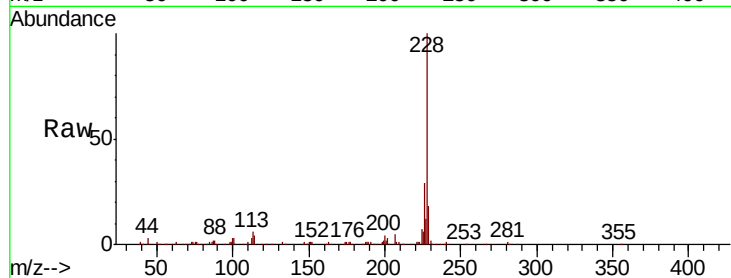
#83
Chrysene
Concen: 7.805 ng
RT: 21.81 min Scan# 3186
Delta R.T. -0.03 min
Lab File: BG041078.D
Acq: 5 Jun 2019 18:53

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.6	37.0
229	18.1	16.6	24.8

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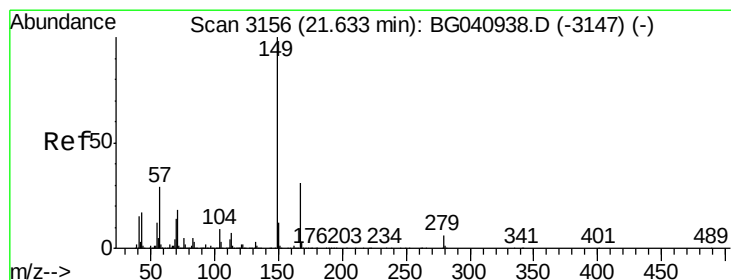
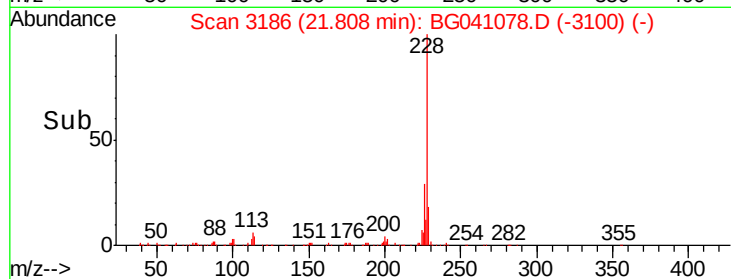
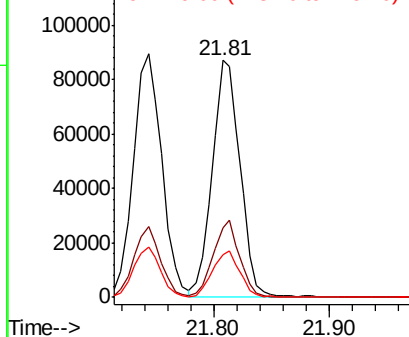


Abundance

Ion 228.00 (227.70 to 228.70): E

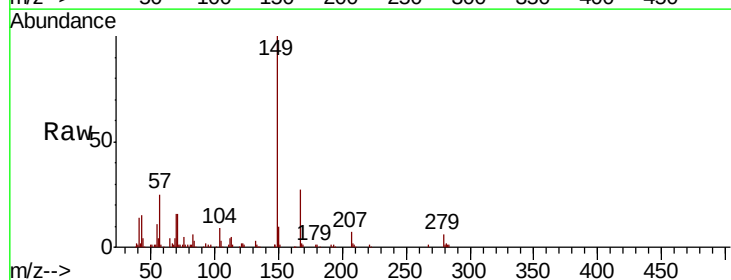
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
Bis(2-ethylhexyl)phthalate
Concen: 6.993 ng
RT: 21.61 min Scan# 3153
Delta R.T. -0.02 min
Lab File: BG041078.D
Acq: 5 Jun 2019 18:53

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.2	24.6	37.0
279	6.4	5.0	7.6

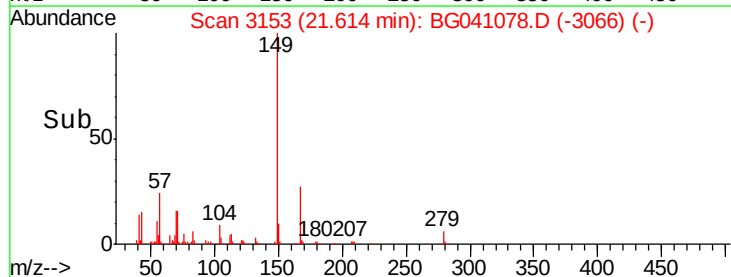
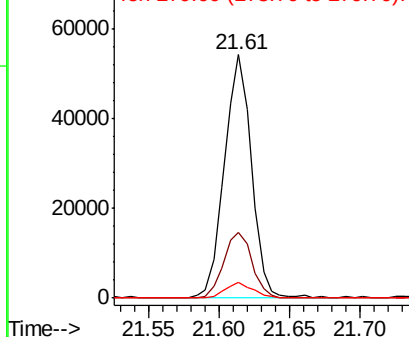


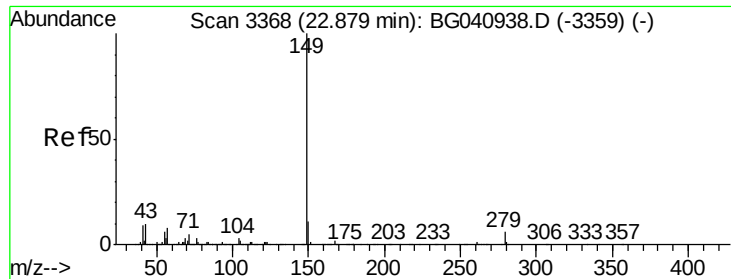
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 7.437 ng

RT: 22.85 min Scan# 3364

Delta R.T. -0.03 min

Lab File: BG041078.D

Acq: 5 Jun 2019 18:53

Instrument :

BNA_G

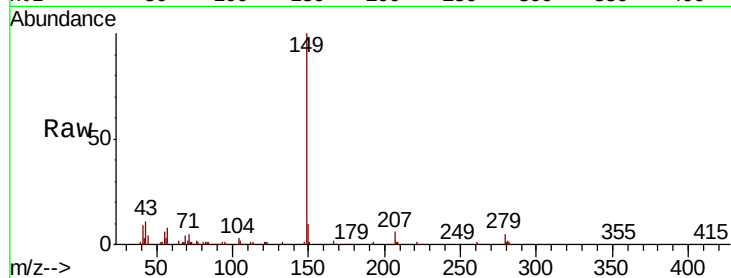
ClientSampleId :

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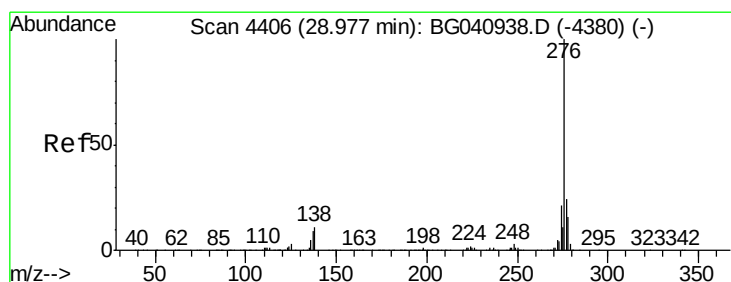
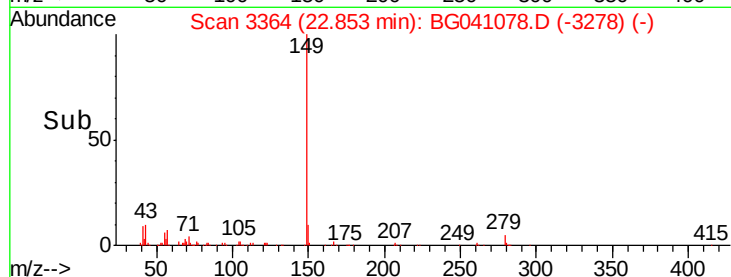
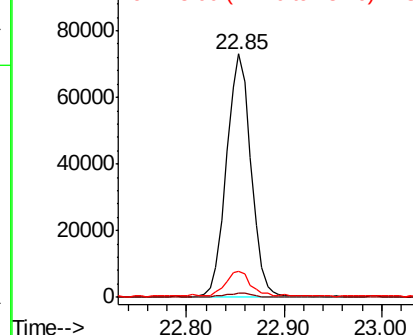
Tot Ion:	149	Resp:	128237
Ion Ratio	Lower	Upper	
149	100		
167	1.9	1.4	2.0
43	9.9	8.1	12.1

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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: 7.175 ng

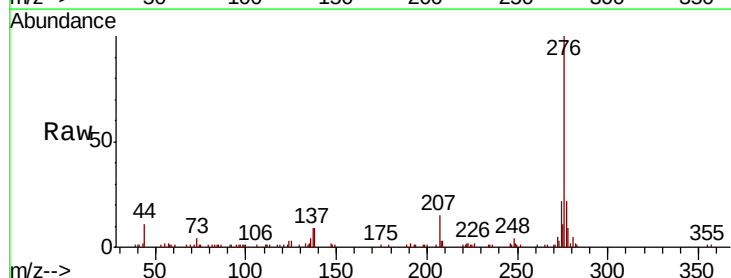
RT: 28.91 min Scan# 4394

Delta R.T. -0.07 min

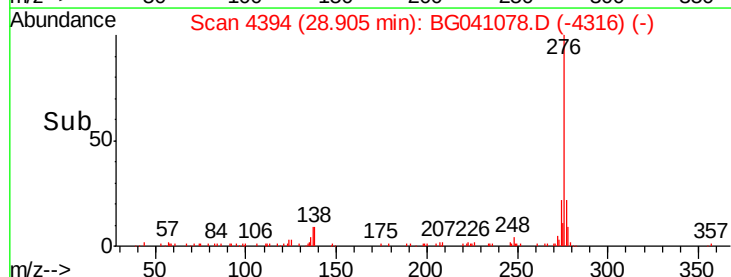
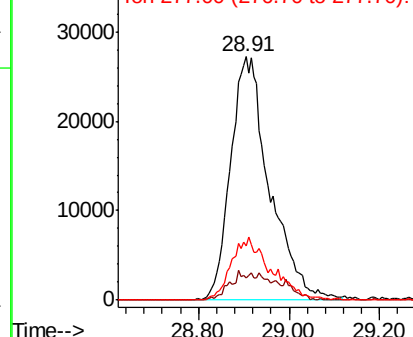
Lab File: BG041078.D

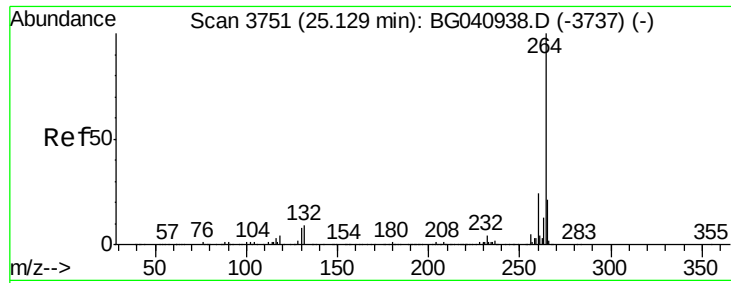
Acq: 5 Jun 2019 18:53

Tgt Ion:	276	Resp:	162769
Ion Ratio	Lower	Upper	
276	100		
138	0.0	5.7	8.5#
277	25.7	20.8	31.2



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





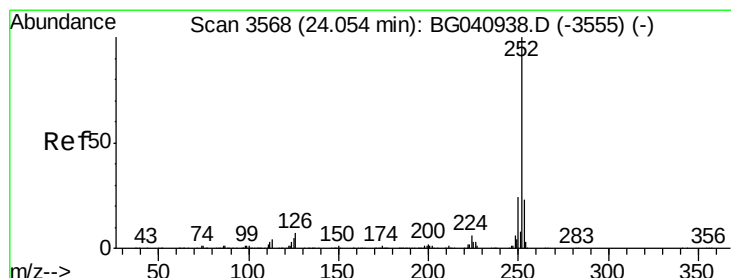
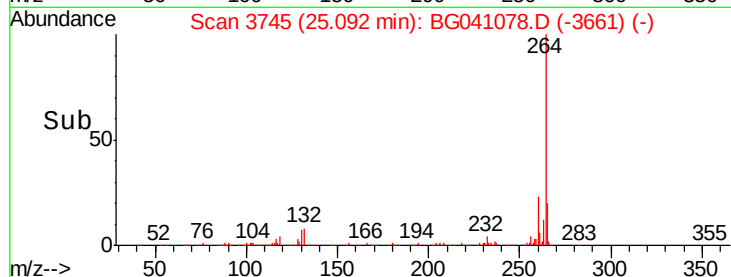
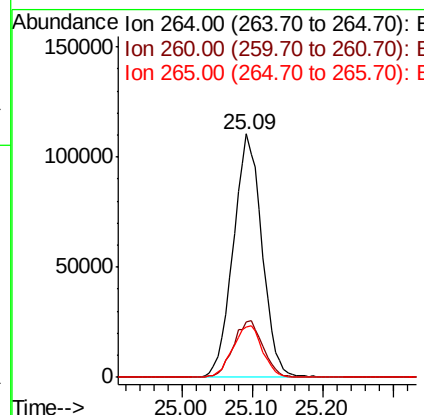
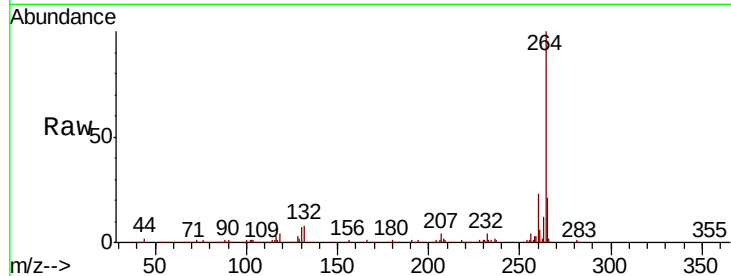
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.09 min Scan# 3745
Delta R.T. -0.04 min
Lab File: BG041078.D
Acq: 5 Jun 2019 18:53

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.0	28.4
265	20.8	17.0	25.4

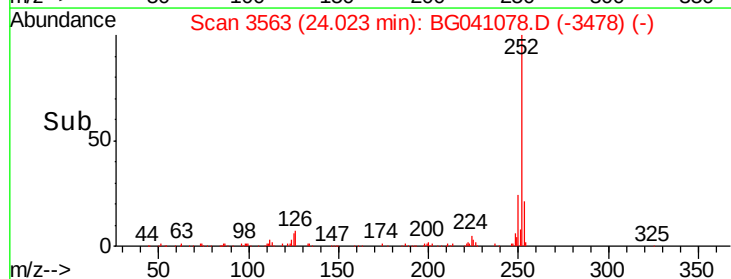
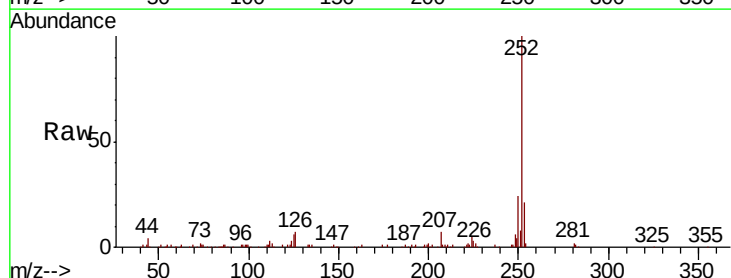
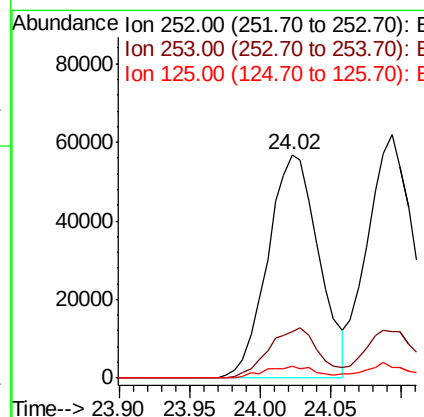
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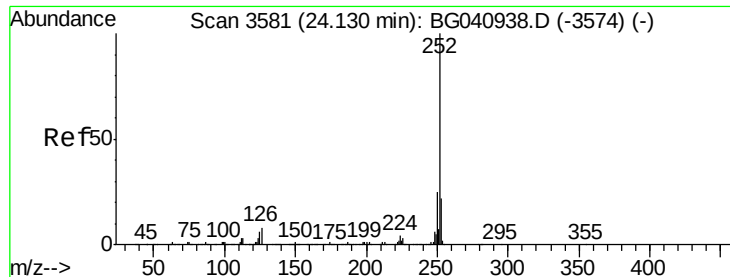
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#88
Benzo(b)fluoranthene
Concen: 7.603 ng
RT: 24.02 min Scan# 3563
Delta R.T. -0.03 min
Lab File: BG041078.D
Acq: 5 Jun 2019 18:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.8	18.4	27.6
125	5.5	4.3	6.5





#89

Benzo(k)fluoranthene

Concen: 7.644 ng m

RT: 24.09 min Scan# 3575

Delta R.T. -0.04 min

Lab File: BG041078.D

Acq: 5 Jun 2019 18:53

Instrument :

BNA_G

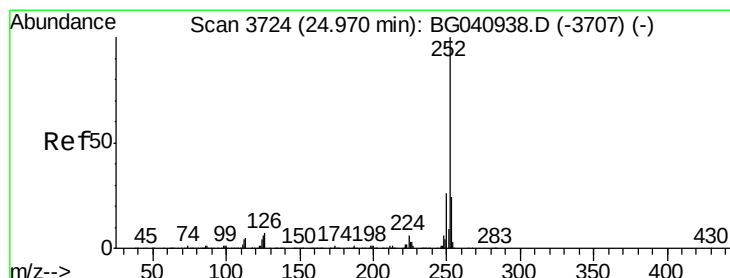
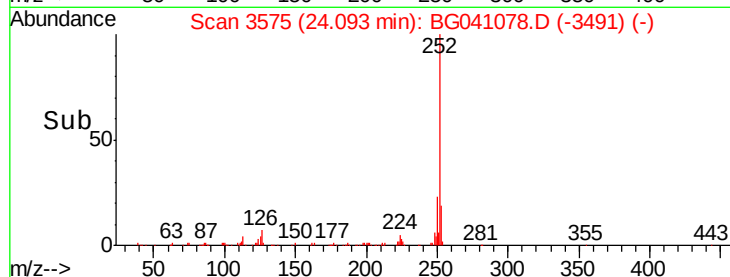
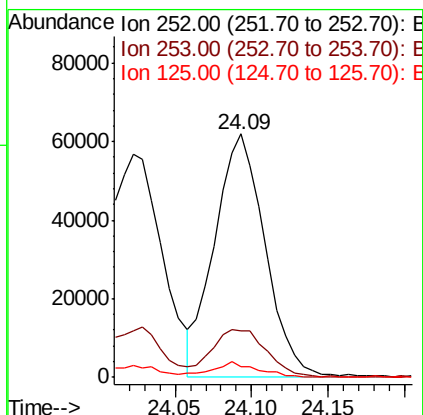
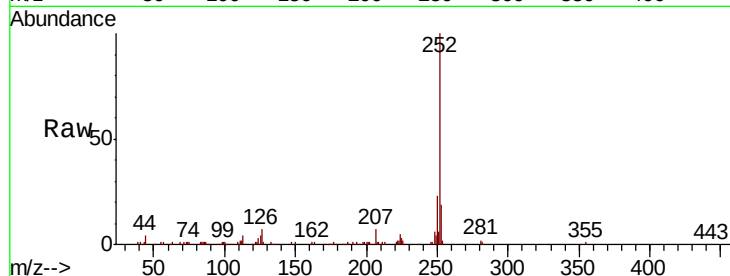
ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

Tot Ion	Ratio	Lower	Upper
252	100		
253	19.4	17.8	26.6
125	4.5	4.7	7.1#

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#90

Benzo(a)pyrene

Concen: 7.763 ng

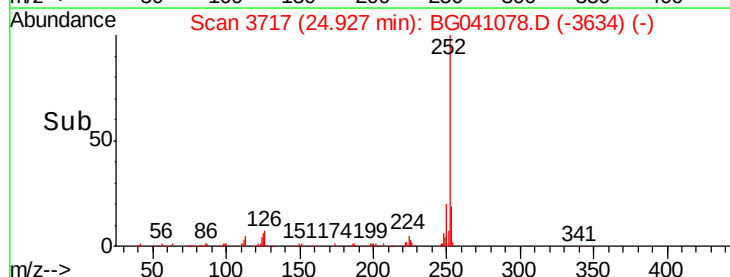
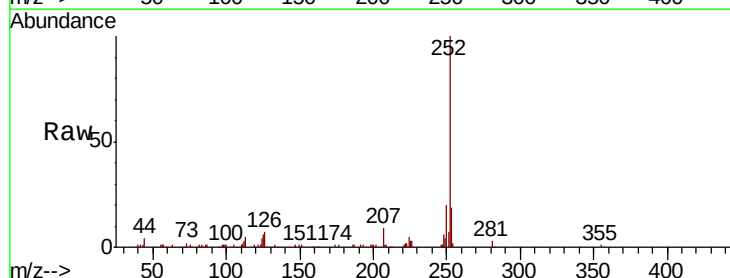
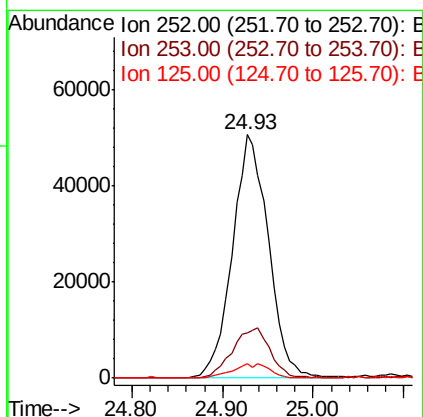
RT: 24.93 min Scan# 3717

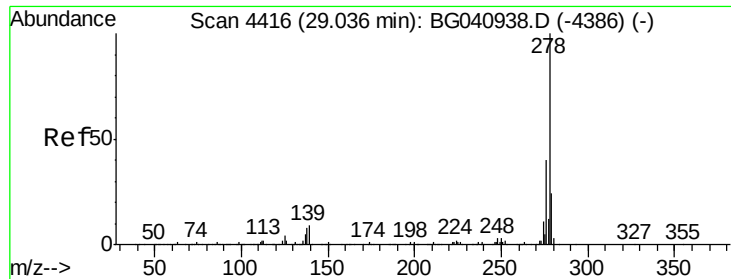
Delta R.T. -0.04 min

Lab File: BG041078.D

Acq: 5 Jun 2019 18:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	18.6	19.5	29.3#
125	5.7	5.1	7.7





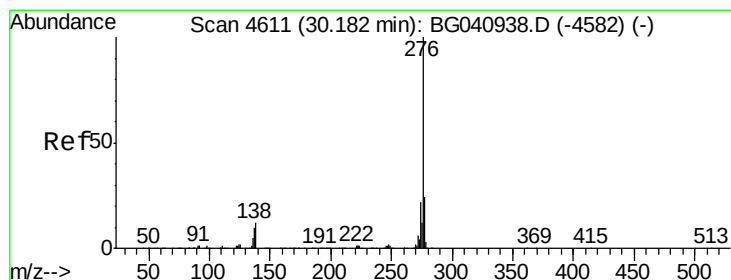
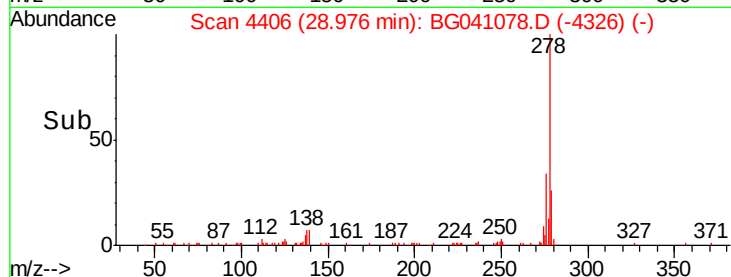
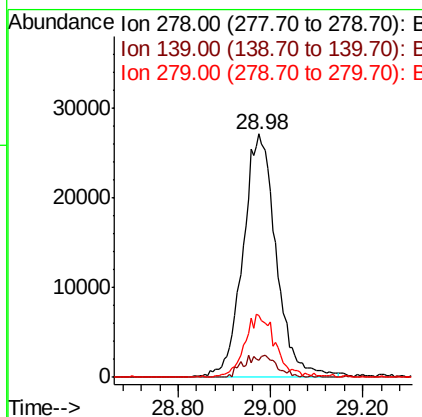
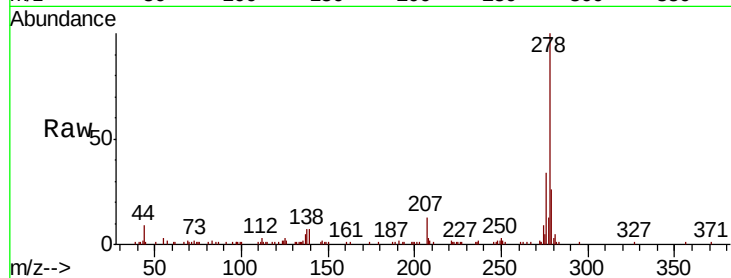
#91
Dibenzo(a,h)anthracene
Concen: 7.527 ng
RT: 28.98 min Scan# 4406
Delta R.T. -0.06 min
Lab File: BG041078.D
Acq: 5 Jun 2019 18:53

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Tot Ion	Ratio	Lower	Upper
278	100		
139	6.9	7.1	10.7#
279	25.6	19.4	29.2

Manual Integrations
APPROVED

mohammad
6/6/2019 3:42:33 PM



#92
Benzo(g,h,i)perylene
Concen: 7.762 ng
RT: 30.12 min Scan# 4601
Delta R.T. -0.06 min
Lab File: BG041078.D
Acq: 5 Jun 2019 18:53

Tgt Ion	Ratio	Lower	Upper
276	100		
277	18.9	19.4	29.0#
138	8.3	9.7	14.5#

