

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051920\
 Data File : BG045430.D
 Acq On : 19 May 2020 18:45
 Operator : CG/JU
 Sample : L2182-07
 Misc : WATER - LOD - 8PPM
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

Manual Integrations
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mohammad

Quant Time: May 20 06:04:44 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 20 00:13:14 2020
 Response via : Initial Calibration

5/20/2020 1:20:04 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	91837	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	375194	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	270946	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	614385	20.00	ng	0.00
76) Chrysene-d12	21.61	240	597830	20.00	ng	0.00
87) Perylene-d12	24.77	264	629006	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	534318	113.70	ng	0.00
7) Phenol-d6	7.19	99	774393	115.78	ng	-0.01
23) Nitrobenzene-d5	9.12	82	535317	77.80	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	414457	119.61	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	1265670	79.23	ng	0.00
79) Terphenyl-d14	19.97	244	2162317	84.36	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.41	88	12100	5.192	ng	95
3) Pyridine	3.83	79	27563	4.247	ng	98
4) n-Nitrosodimethylamine	3.74	42	10683	5.030	ng	# 86
6) Aniline	7.29	93	53280	6.102	ng	98
8) 2-Chlorophenol	7.55	128	32426	6.292	ng	94
9) Benzaldehyde	7.10	77	31217	7.164	ng	89
10) Phenol	7.22	94	42280	6.133	ng	97
11) bis(2-Chloroethyl)ether	7.38	93	32495	6.044	ng	88
12) 1,3-Dichlorobenzene	7.85	146	38156	6.161	ng	98
13) 1,4-Dichlorobenzene	8.00	146	38018	6.221	ng	99
14) 1,2-Dichlorobenzene	8.32	146	35478	6.036	ng	98
15) Benzyl Alcohol	8.22	79	30606	5.539	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.49	45	31381	6.149	ng	93
17) 2-Methylphenol	8.46	107	29397	5.698	ng	96
18) Hexachloroethane	9.05	117	14525	6.206	ng	# 76
19) n-Nitroso-di-n-propylamine	8.77	70	30066	6.501	ng	97
20) 3+4-Methylphenols	8.78	107	40232	5.726	ng	# 40
22) Acetophenone	8.78	105	55991	6.296	ng	# 95
24) Nitrobenzene	9.17	77	45028	6.108	ng	98
25) Isophorone	9.69	82	85184	6.287	ng	# 97
26) 2-Nitrophenol	9.88	139	19015	6.030	ng	# 82
27) 2,4-Dimethylphenol	9.98	122	31339	6.701	ng	97
28) bis(2-Chloroethoxy)methane	10.17	93	45366	6.384	ng	95
29) 2,4-Dichlorophenol	10.46	162	32346	5.857	ng	94
30) 1,2,4-Trichlorobenzene	10.63	180	39468	6.048	ng	# 94
31) Naphthalene	10.82	128	110443	6.317	ng	100
32) Benzoic acid	10.10	122	15972m	5.686	ng	
33) 4-Chloroaniline	10.94	127	45323	6.202	ng	# 93
34) Hexachlorobutadiene	11.11	225	26828	5.816	ng	94
35) Caprolactam	11.69	113	12328	6.081	ng	97
36) 4-Chloro-3-methylphenol	12.11	107	40058	6.437	ng	92
37) 2-Methylnaphthalene	12.43	142	83015	6.370	ng	96
38) 1-Methylnaphthalene	12.65	142	81116	6.590	ng	85
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	48718	6.437	ng	97

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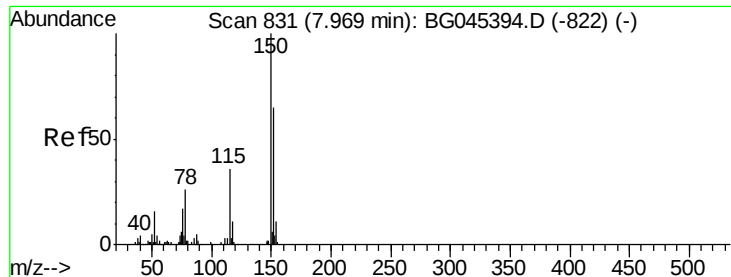
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.79	237	20362	4.662	ng	91
43) 2,4,6-Trichlorophenol	13.06	196	32213	6.127	ng	87
44) 2,4,5-Trichlorophenol	13.15	196	32521	5.413	ng	90
46) 1,1'-Biphenyl	13.44	154	111933	6.723	ng	99
47) 2-Chloronaphthalene	13.48	162	84017	6.215	ng	97
48) 2-Nitroaniline	13.69	65	23064	5.186	ng	# 77
49) Acenaphthylene	14.33	152	147152	6.776	ng	97
50) Dimethylphthalate	14.06	163	124211	6.683	ng	98
51) 2,6-Dinitrotoluene	14.18	165	25535	6.088	ng	93
52) Acenaphthene	14.67	154	82139	5.651	ng	98
53) 3-Nitroaniline	14.52	138	23279	5.460	ng	95
54) 2,4-Dinitrophenol	14.73	184	3749m	1.539	ng	
55) Dibenzofuran	15.00	168	144080	6.675	ng	97
56) 4-Nitrophenol	14.92	139	15641	4.846	ng	# 80
57) 2,4-Dinitrotoluene	14.97	165	36891	6.073	ng	# 91
58) Fluorene	15.66	166	118119	6.661	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.25	232	29172	5.519	ng	96
60) Diethylphthalate	15.43	149	129140	6.675	ng	95
61) 4-Chlorophenyl-phenylether	15.64	204	64816	6.387	ng	98
62) 4-Nitroaniline	15.69	138	26228	5.893	ng	# 84
63) Azobenzene	15.94	77	117292	6.502	ng	97
65) 4,6-Dinitro-2-methylphenol	15.74	198	15465	4.322	ng	91
66) n-Nitrosodiphenylamine	15.87	169	105950	7.182	ng	96
67) 4-Bromophenyl-phenylether	16.54	248	42931	6.453	ng	96
68) Hexachlorobenzene	16.67	284	48227	6.931	ng	95
69) Atrazine	16.81	200	40284	6.630	ng	97
70) Pentachlorophenol	17.02	266	6409	1.774	ng	92
71) Phenanthrene	17.39	178	195780	7.299	ng	97
72) Anthracene	17.49	178	203102	7.540	ng	98
73) Carbazole	17.76	167	182612	6.955	ng	97
74) Di-n-butylphthalate	18.32	149	221250	7.021	ng	97
75) Fluoranthene	19.40	202	249595	7.316	ng	98
77) Benzidine	19.59	184	108581	6.467	ng	98
78) Pyrene	19.77	202	252354	7.405	ng	96
80) Butylbenzylphthalate	20.65	149	98024	6.664	ng	98
81) Benzo(a)anthracene	21.59	228	240255	7.214	ng	97
82) 3,3'-Dichlorobenzidine	21.51	252	95493	7.310	ng	99
83) Chrysene	21.66	228	234421	7.321	ng	98
84) Bis(2-ethylhexyl)phthalate	21.51	149	135622	6.707	ng	95
85) Di-n-octyl phthalate	22.70	149	234340	6.748	ng	99
86) Indeno(1,2,3-cd)pyrene	28.34	276	271716	6.489	ng	99
88) Benzo(b)fluoranthene	23.77	252	227999m	6.759	ng	
89) Benzo(k)fluoranthene	23.83	252	237082	7.481	ng	96
90) Benzo(a)pyrene	24.62	252	216558	6.893	ng	98
91) Dibenzo(a,h)anthracene	28.40	278	224424	7.108	ng	97
92) Benzo(g,h,i)perylene	29.44	276	224614	7.114	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.97 min Scan# 830

Delta R.T. -0.00 min

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LOD-MDL-WATER-01-QT2-2020

Tot Ion:152 Resp: 91837

Ion Ratio Lower Upper

152 100

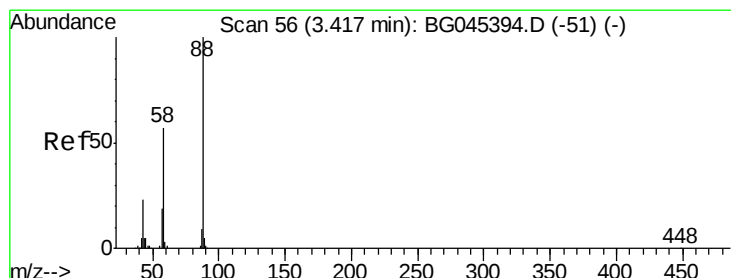
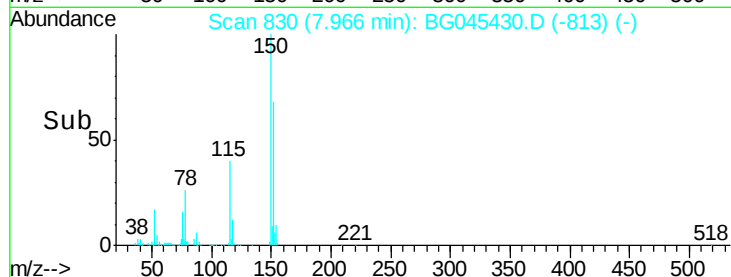
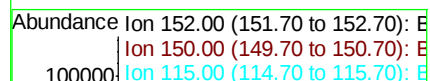
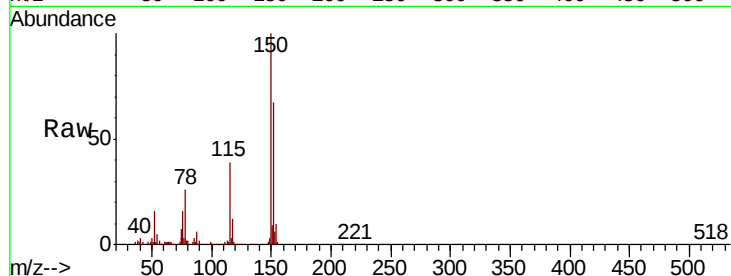
150 149.7 122.4 183.6

115 58.2 44.2 66.4

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#2

1,4-Dioxane

Concen: 5.192 ng

RT: 3.41 min Scan# 55

Delta R.T. -0.00 min

Lab File: BG045430.D

Acq: 19 May 2020 18:45

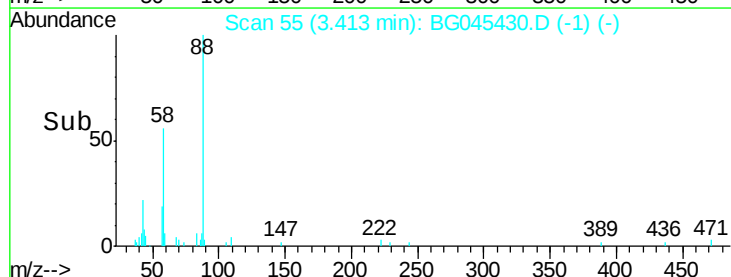
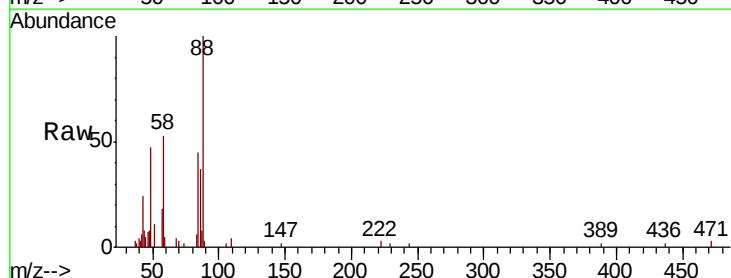
Tgt Ion: 88 Resp: 12100

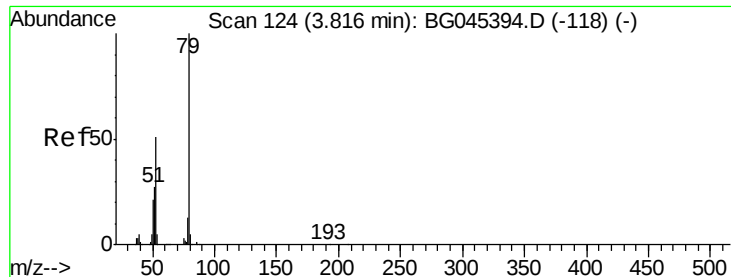
Ion Ratio Lower Upper

88 100

58 60.0 45.7 68.5

43 24.3 16.8 25.2





#3

Pvridine

Concen: 4.247 ng

RT: 3.83 min Scan# 126

Delta R.T. 0.02 min

Lab File: BG045430.D

Acq: 19 May 2020 18:45

Instrument :

BNA_G

ClientSampleId :

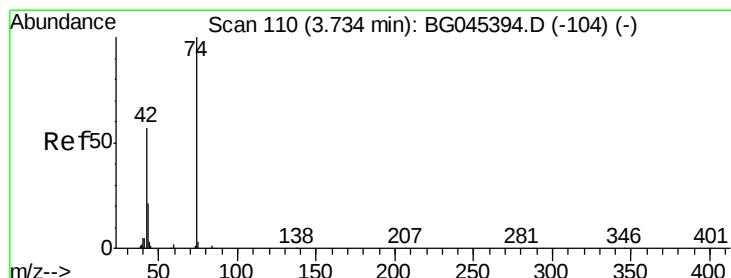
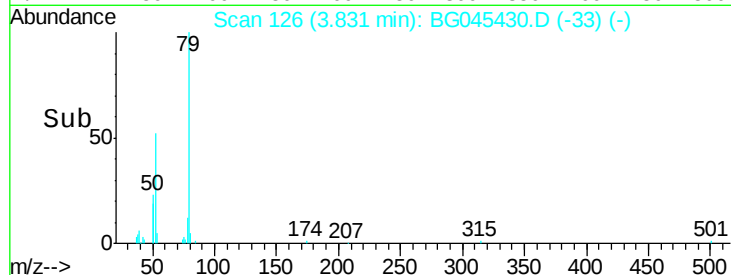
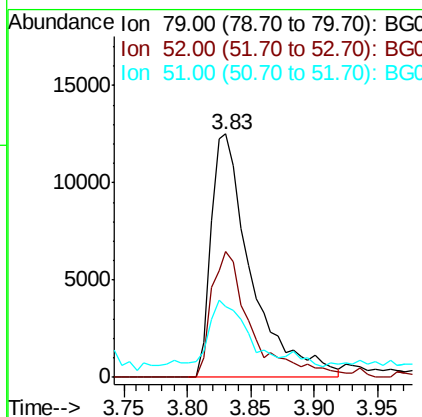
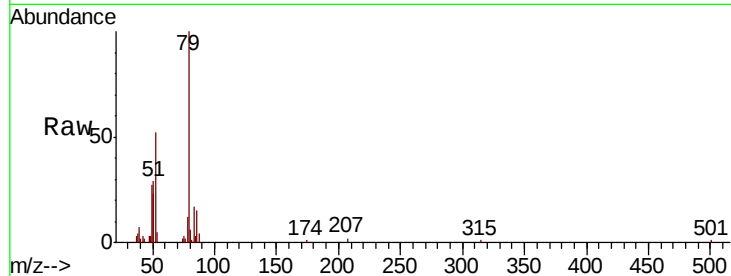
LOD-MDL-WATER-01-QT2-2020

Tot Ion:	79	Resp:	27563
Ion Ratio	Lower	Upper	
79	100		
52	51.9	40.8	61.2
51	29.1	21.9	32.9

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#4

n-Nitrosodimethylamine

Concen: 5.030 ng

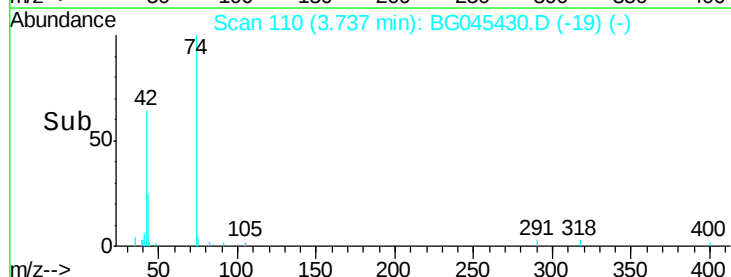
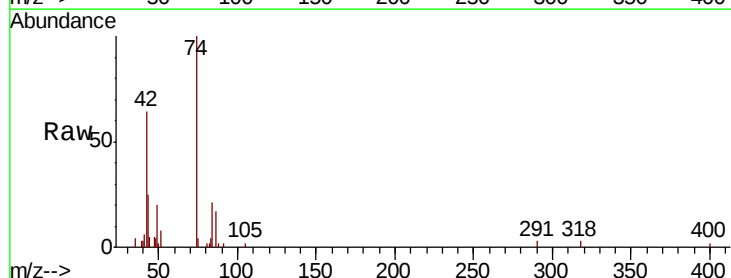
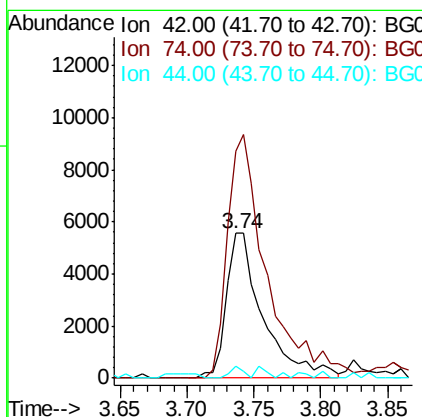
RT: 3.74 min Scan# 110

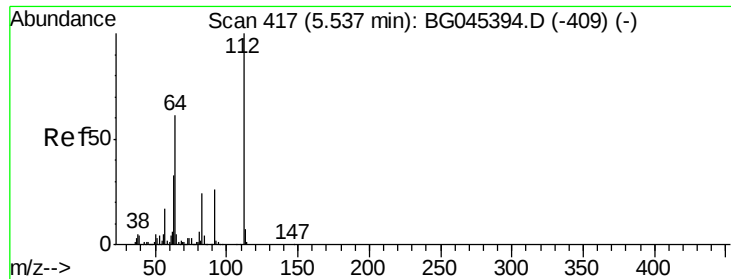
Delta R.T. 0.01 min

Lab File: BG045430.D

Acq: 19 May 2020 18:45

Tgt Ion:	42	Resp:	10683
Ion Ratio	Lower	Upper	
42	100		
74	156.3	141.3	211.9
44	8.4	4.2	6.4#





#5

2-Fluorophenol

Concen: 113.703 ng

RT: 5.58 min Scan# 423

Delta R.T. -0.00 min

Lab File: BG045430.D

Acq: 19 May 2020 18:45

Instrument :

BNA_G

ClientSampleId :

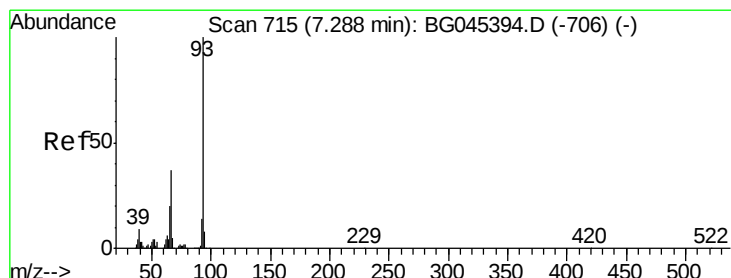
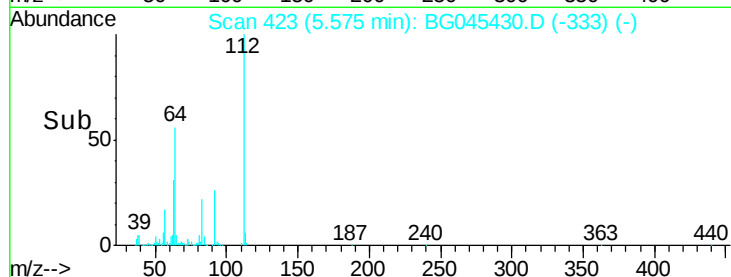
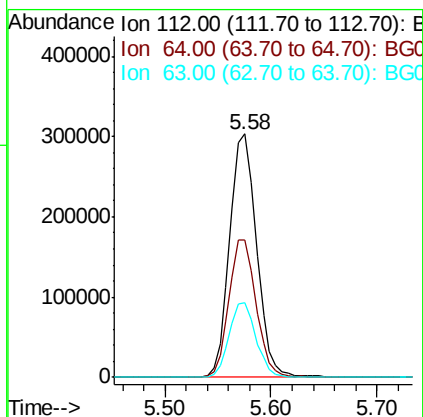
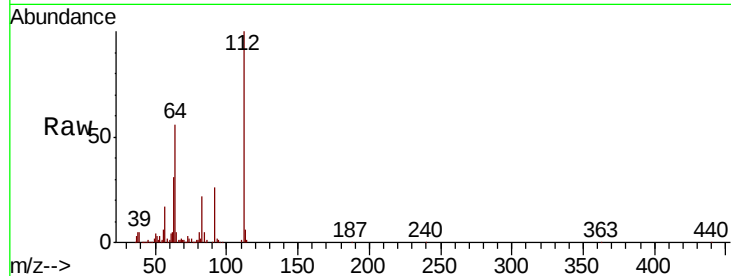
LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ratio	Resp	Lower	Upper
112	100	534318		
64	56.4	48.6	72.8	
63	30.5	26.5	39.7	

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#6

Aniline

Concen: 6.102 ng

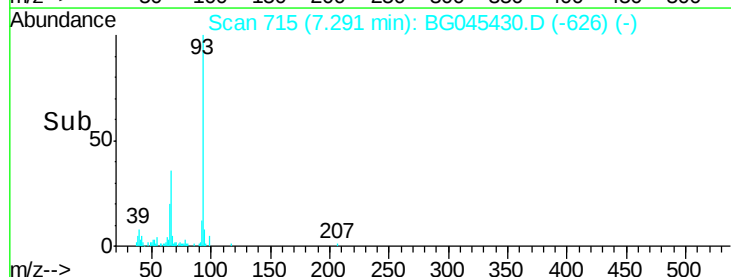
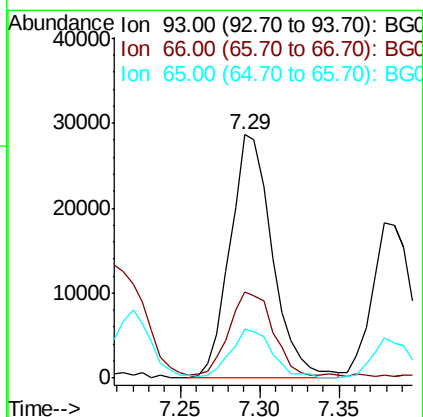
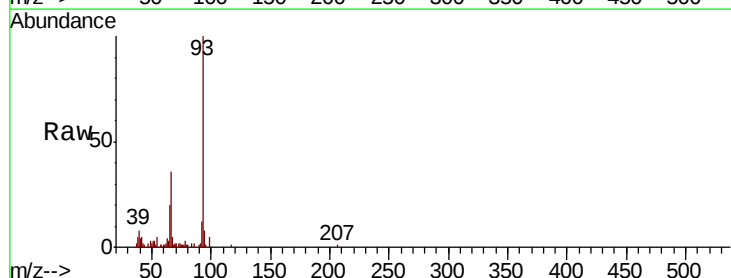
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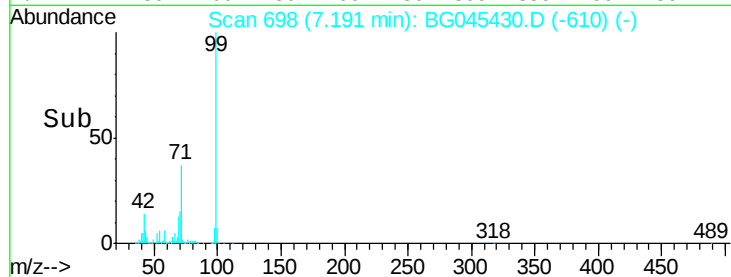
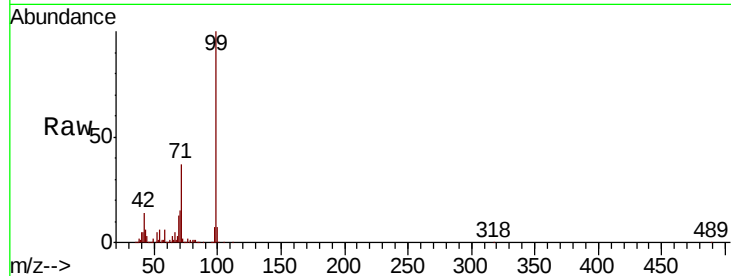
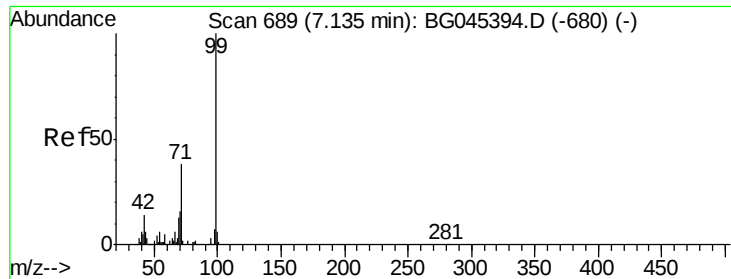
Delta R.T. -0.01 min

Lab File: BG045430.D

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Tgt Ion	Ratio	Resp	Lower	Upper
93	100	53280		
66	35.6	29.6	44.4	
65	20.4	15.9	23.9	





#7

Phenol-d6

Concen: 115.781 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG045430.D

Acq: 19 May 2020 18:45

Tot Ion:	99	Resp:	774393
Ion Ratio	Lower	Upper	
99	100		
42	13.7	11.3	16.9
71	36.5	30.8	46.2

Instrument :

BNA_G

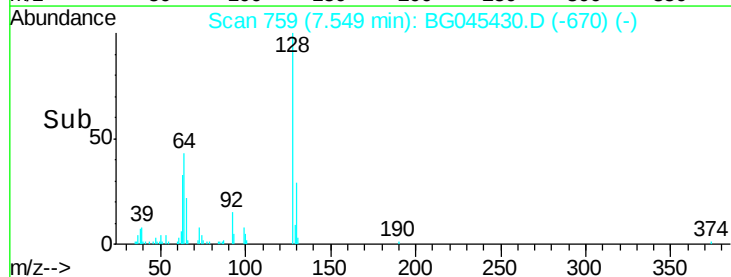
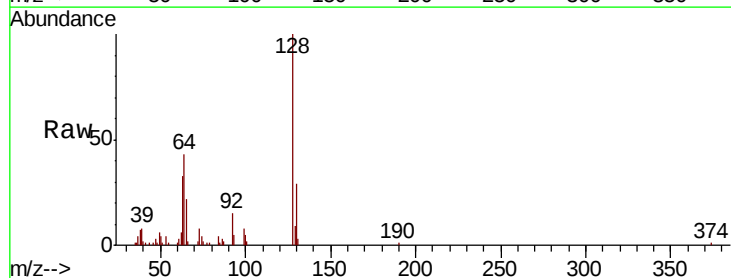
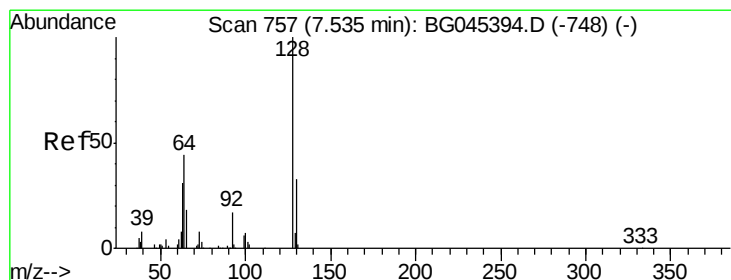
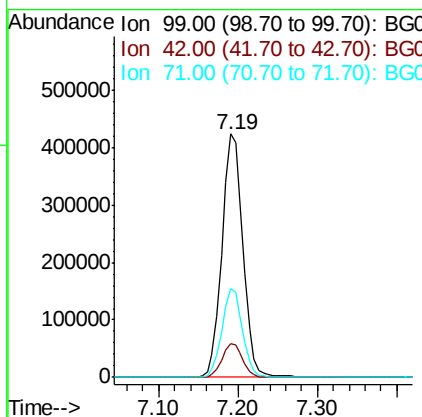
ClientSampleId :

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#8

2-Chlorophenol

Concen: 6.292 ng

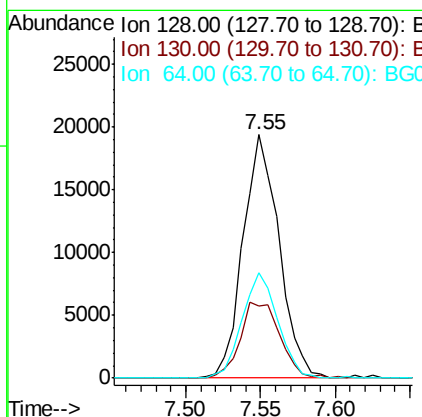
RT: 7.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BG045430.D

Acq: 19 May 2020 18:45

Tgt Ion:	128	Resp:	32426
Ion Ratio	Lower	Upper	
128	100		
130	29.5	12.6	52.6
64	43.1	27.0	67.0





#9

Benzaldehyde

Concen: 7.164 ng

RT: 7.10 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG045430.D

Acq: 19 May 2020 18:45

Instrument :

BNA_G

ClientSampleId :

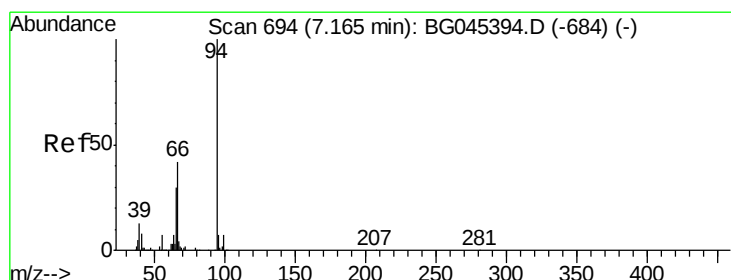
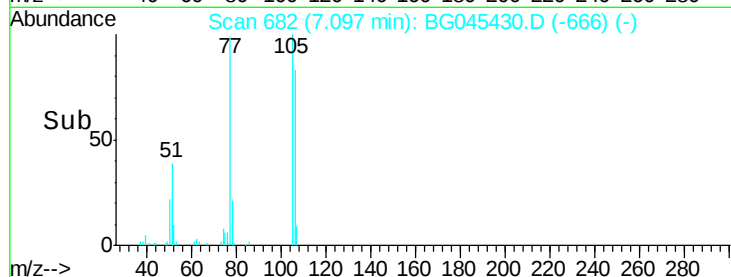
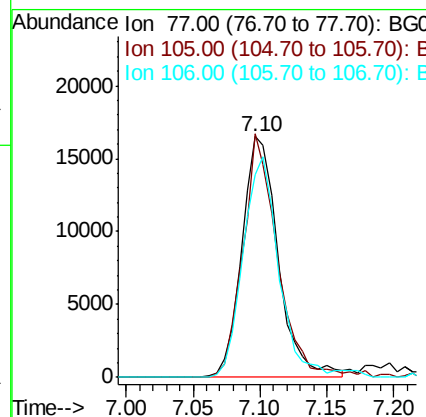
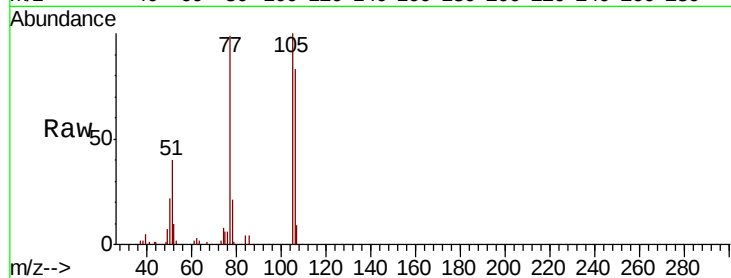
LOD-MDL-WATER-01-QT2-2020

Tot Ion:	77	Resp:	31217
Ion Ratio	Lower	Upper	
77	100		
105	101.1	68.5	108.5
106	84.3	71.6	111.6

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#10

Phenol

Concen: 6.133 ng

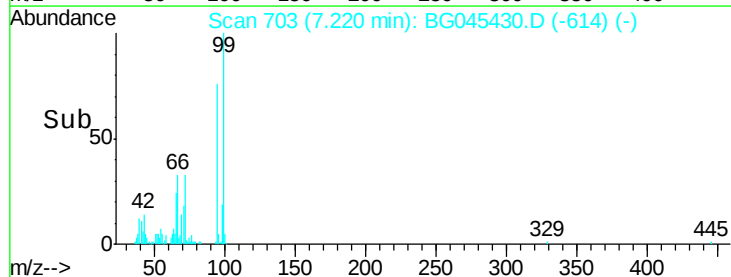
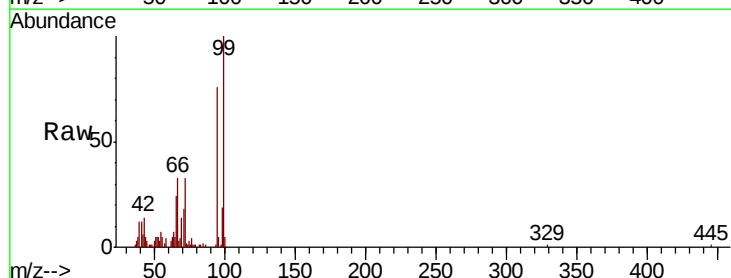
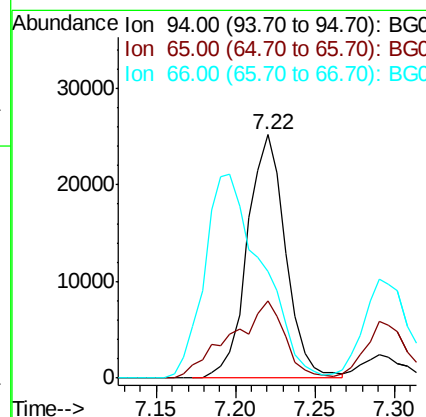
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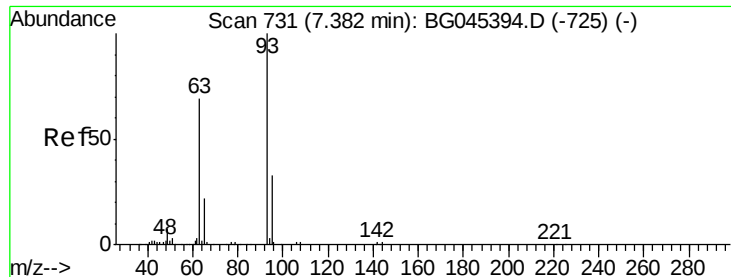
Delta R.T. -0.01 min

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Tgt Ion:	94	Resp:	42280
Ion Ratio	Lower	Upper	
94	100		
65	31.7	9.8	49.8
66	43.8	22.0	62.0





#11
bis(2-Chloroethyl)ether
Concen: 6.044 ng
RT: 7.38 min Scan# 730
Delta R.T. -0.01 min
Lab File: BG045430.D
Acq: 19 May 2020 18:45

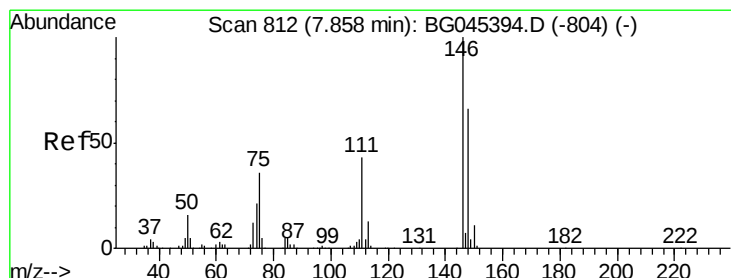
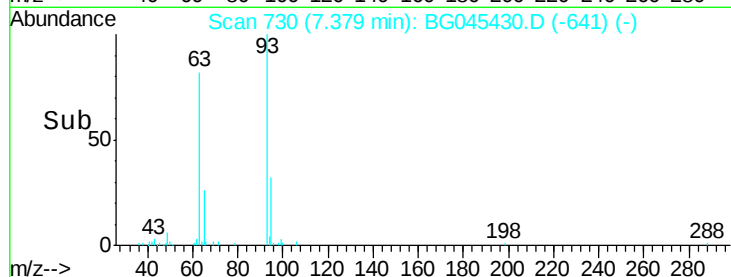
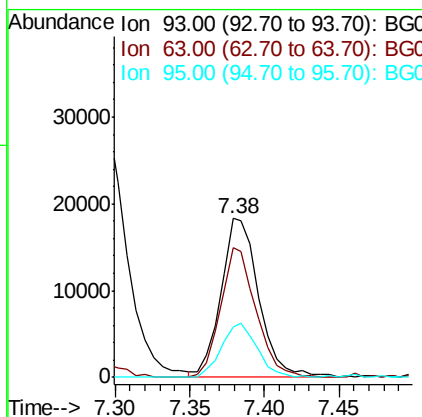
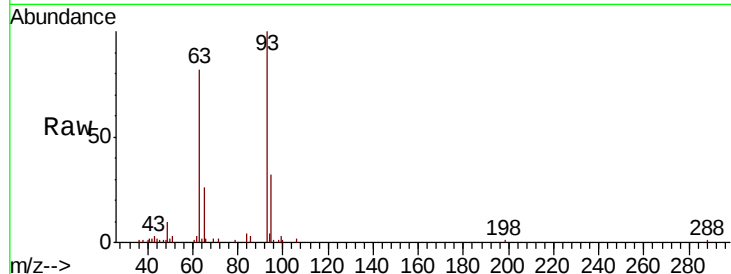
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion:	93	Resp:	32495
Ion Ratio	Lower	Upper	
93	100		
63	81.6	48.4	88.4
95	31.5	12.4	52.4

Manual Integrations
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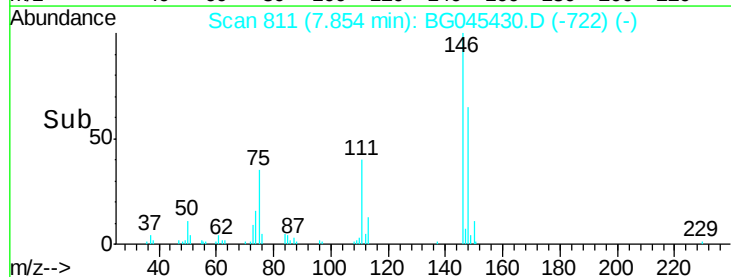
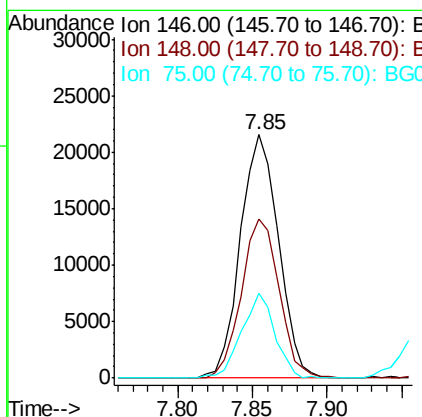
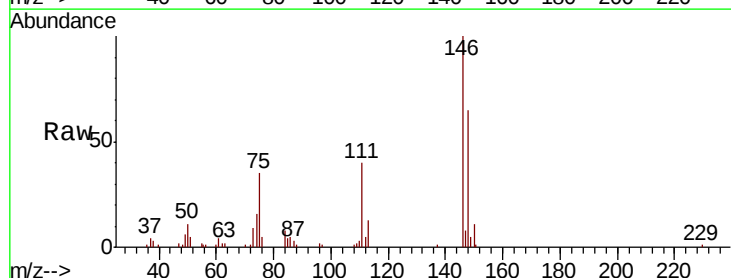
mohammad

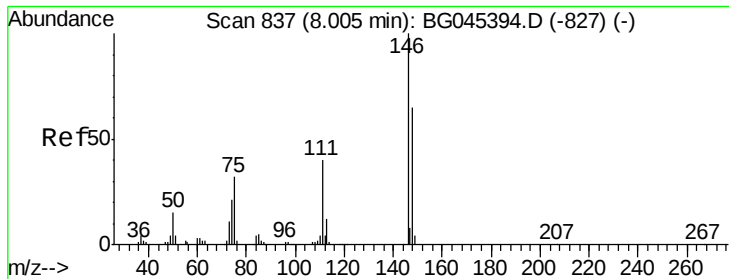
5/20/2020 1:20:04 PM



#12
1,3-Dichlorobenzene
Concen: 6.161 ng
RT: 7.85 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG045430.D
Acq: 19 May 2020 18:45

Tgt Ion:	146	Resp:	38156
Ion Ratio	Lower	Upper	
146	100		
148	65.1	53.2	79.8
75	35.1	28.6	43.0





#13
 1,4-Dichlorobenzene
 Concen: 6.221 ng
 RT: 8.00 min Scan# 836
 Delta R.T. -0.00 min
 Lab File: BG045430.D
 Acq: 19 May 2020 18:45

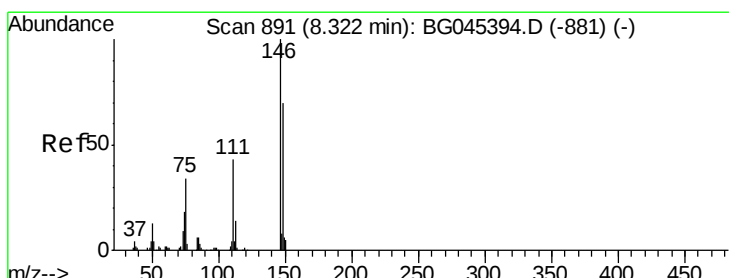
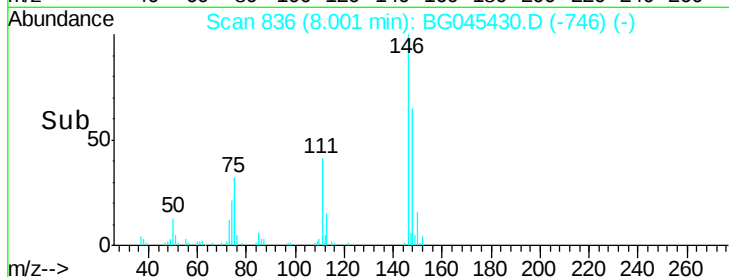
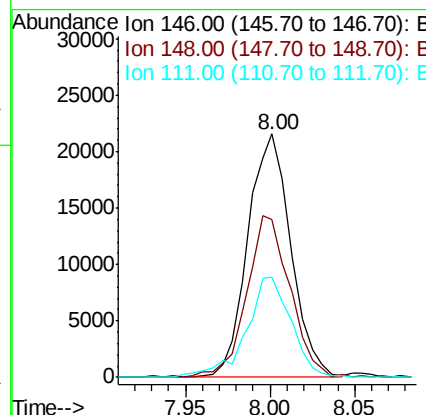
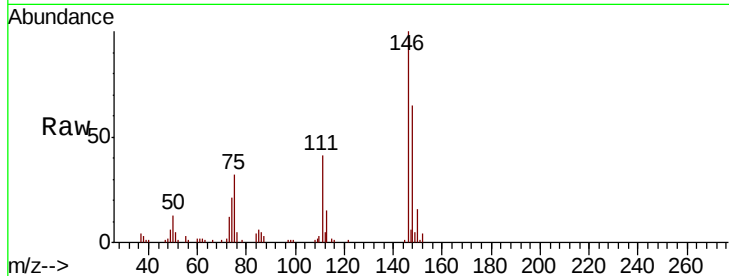
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

Tot Ion:	146	Resp:	38018
Ion Ratio	Lower	Upper	
146	100		
148	64.6	51.8	77.8
111	41.0	32.1	48.1

Manual Integrations
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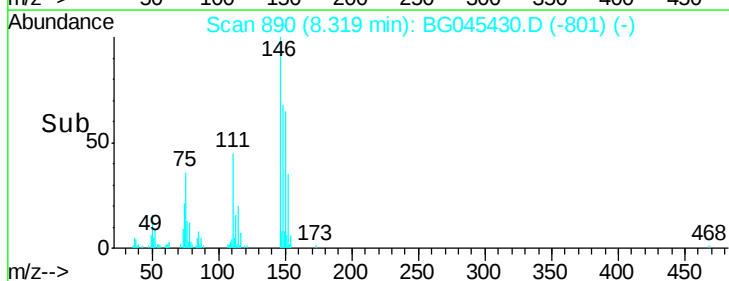
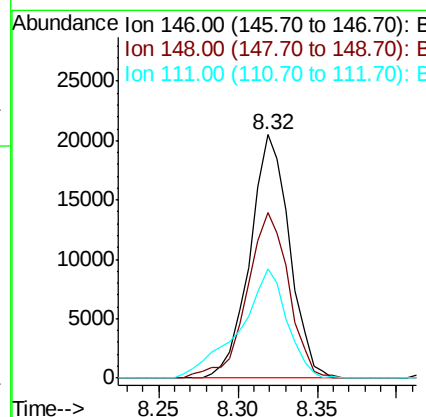
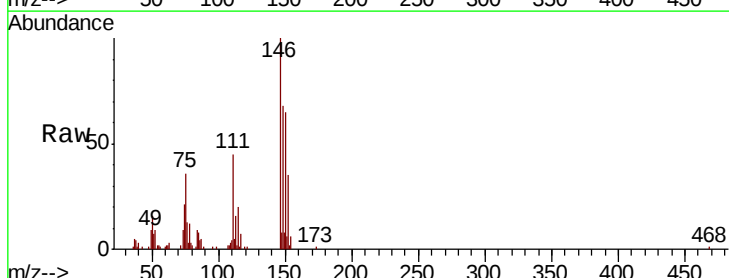
mohammad

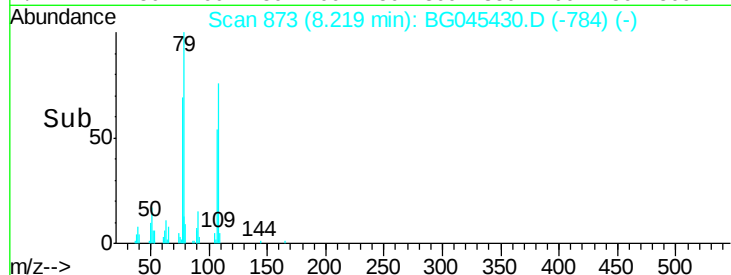
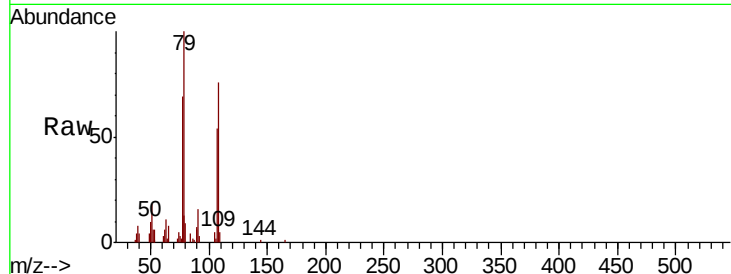
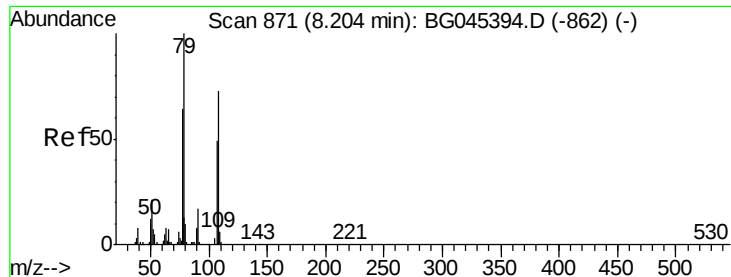
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#14
 1,2-Dichlorobenzene
 Concen: 6.036 ng
 RT: 8.32 min Scan# 890
 Delta R.T. -0.01 min
 Lab File: BG045430.D
 Acq: 19 May 2020 18:45

Tgt Ion:	146	Resp:	35478
Ion Ratio	Lower	Upper	
146	100		
148	68.1	55.9	83.9
111	45.0	35.0	52.4





#15
Benzyl Alcohol
Concen: 5.539 ng
RT: 8.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BG045430.D
Acq: 19 May 2020 18:45

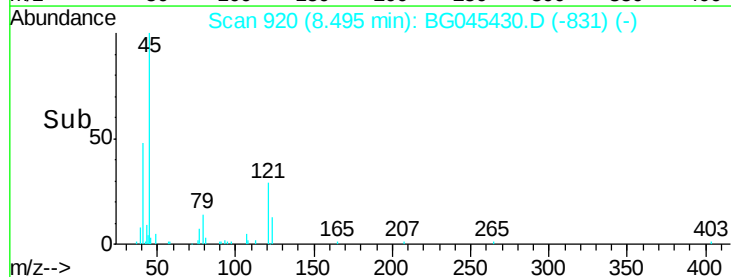
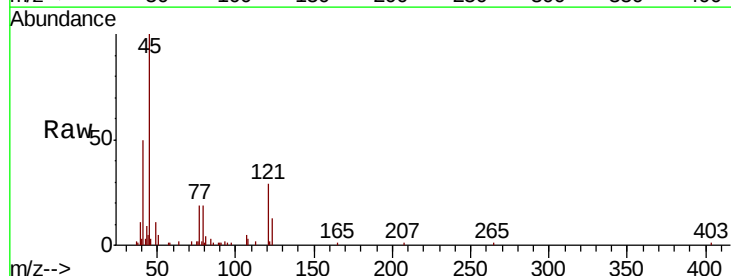
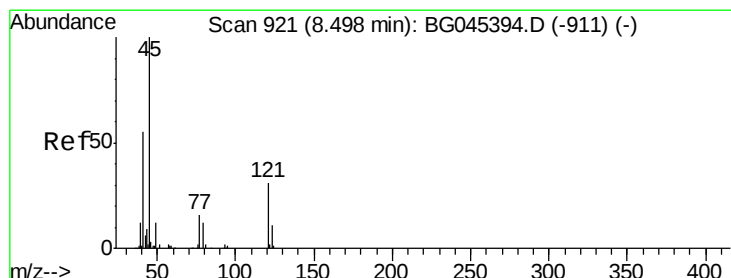
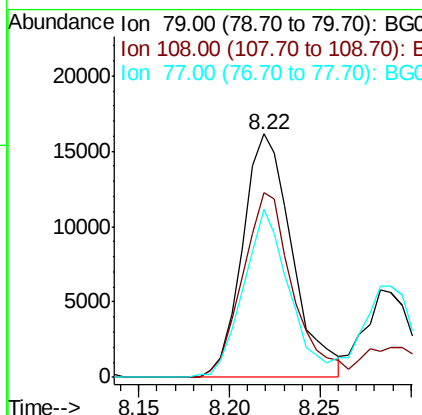
Tot Ion	Ratio	Lower	Upper
79	100		
108	76.1	58.2	87.4
77	69.0	51.0	76.4

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Manual Integrations
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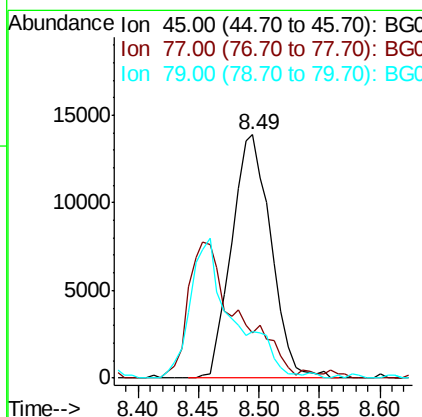
mohammad

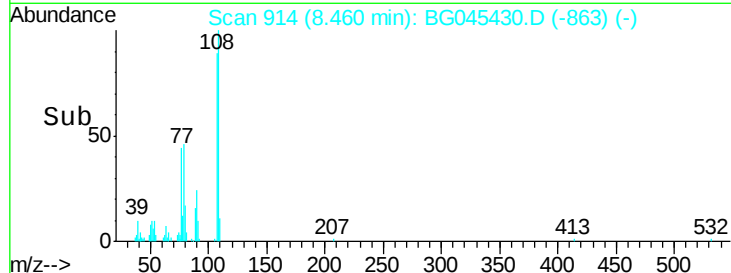
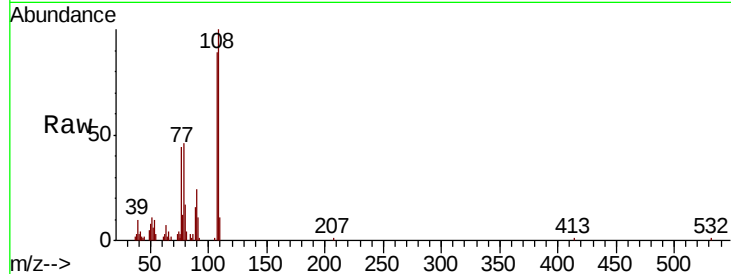
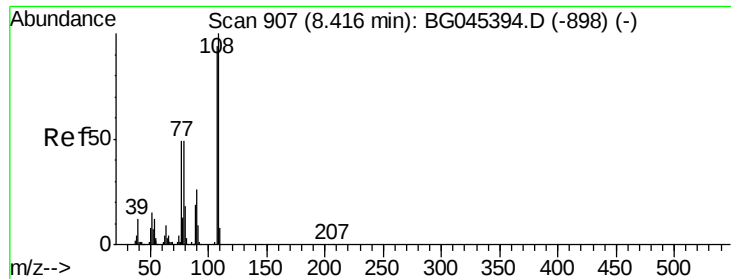
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 6.149 ng
RT: 8.49 min Scan# 920
Delta R.T. -0.01 min
Lab File: BG045430.D
Acq: 19 May 2020 18:45

Tgt Ion	Ratio	Lower	Upper
45	100		
77	18.7	4.0	44.0
79	19.2	0.0	38.6





#17
2-Methylphenol
Concen: 5.698 ng
RT: 8.46 min Scan# 914
Delta R.T. -0.00 min
Lab File: BG045430.D
Acq: 19 May 2020 18:45

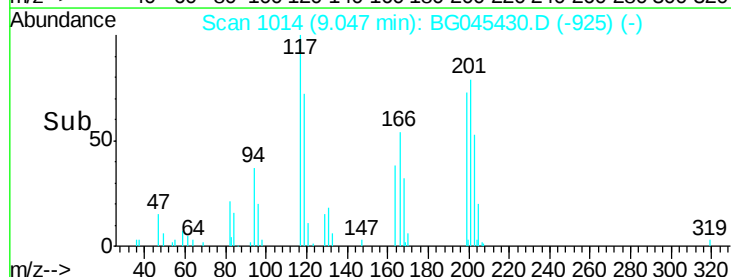
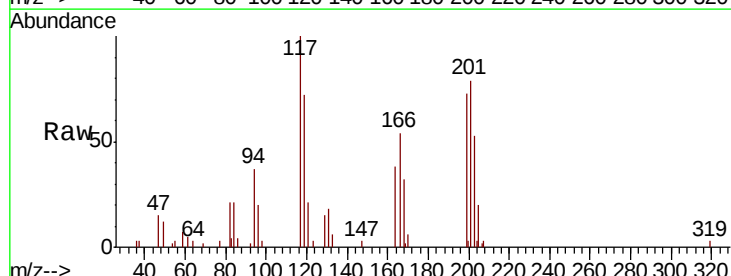
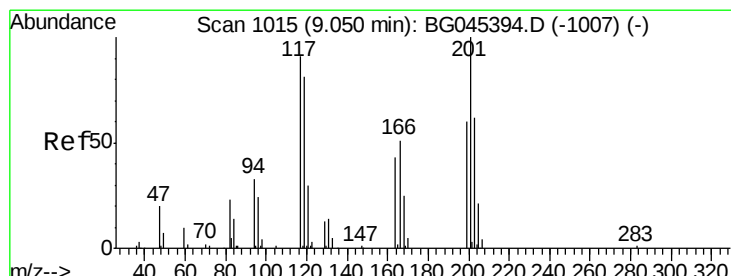
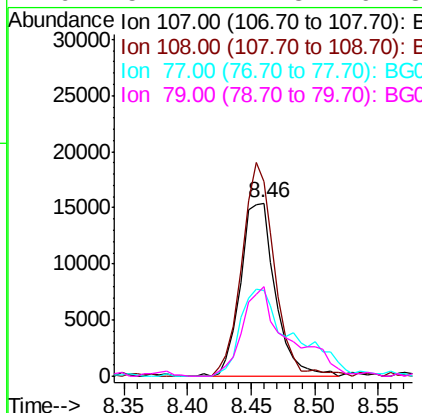
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.2	85.2	127.8	
77	49.4	41.6	62.4	
79	51.7	41.8	62.8	

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

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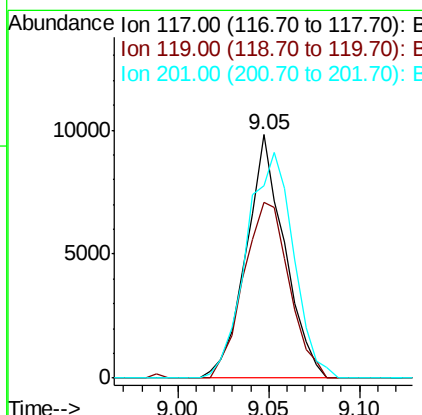
mohammad

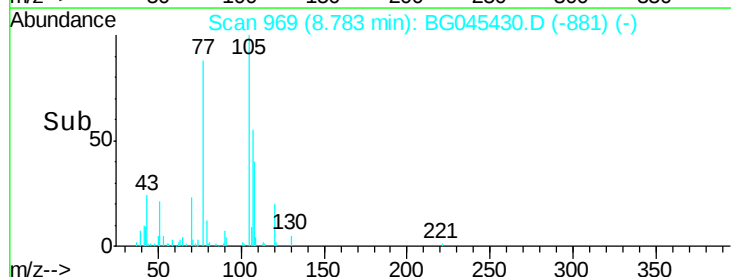
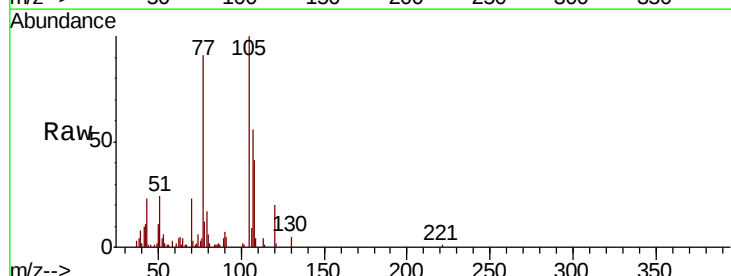
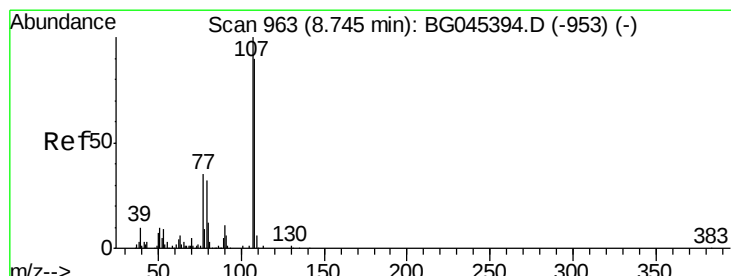
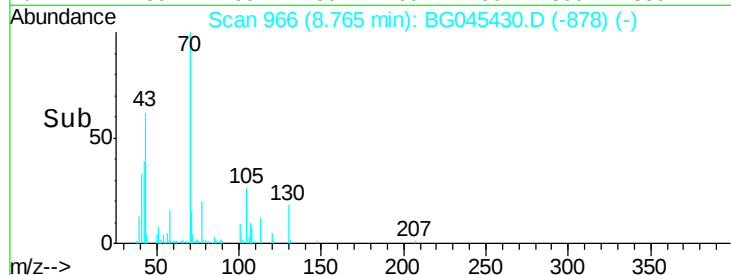
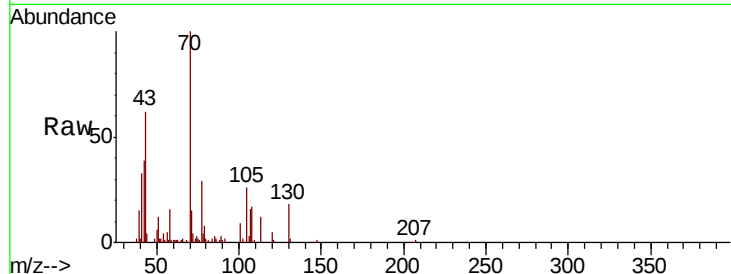
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#18
Hexachloroethane
Concen: 6.206 ng
RT: 9.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BG045430.D
Acq: 19 May 2020 18:45

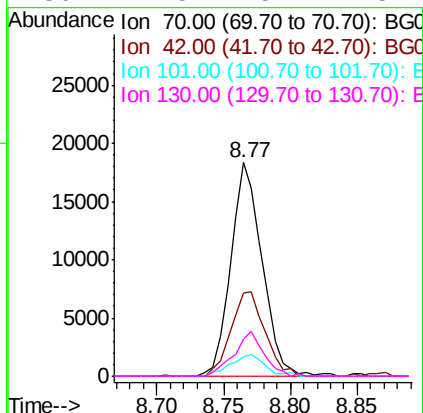
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	72.1	71.3	106.9	
201	79.1	87.5	131.3#	





#19
n-Nitroso-di-n-propylamine
Concen: 6.501 ng
RT: 8.77 min Scan# 966
Delta R.T. -0.01 min
Lab File: BG045430.D
Acq: 19 May 2020 18:45

Tot Ion	Ratio	Lower	Upper
70	100		
42	39.1	33.2	49.8
101	9.2	7.8	11.6
130	17.5	15.4	23.2



Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

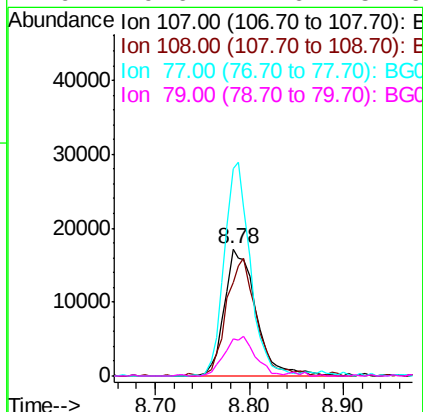
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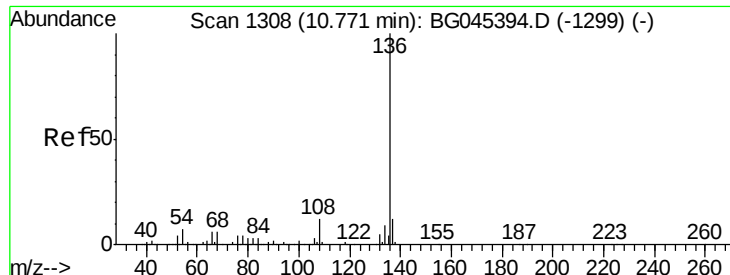
mohammad

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#20
3+4-Methylphenols
Concen: 5.726 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.01 min
Lab File: BG045430.D
Acq: 19 May 2020 18:45

Tgt Ion	Ratio	Lower	Upper
107	100		
108	73.3	70.3	110.3
77	163.3	15.4	55.4#
79	29.6	12.6	52.6





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BG045430.D
Acq: 19 May 2020 18:45

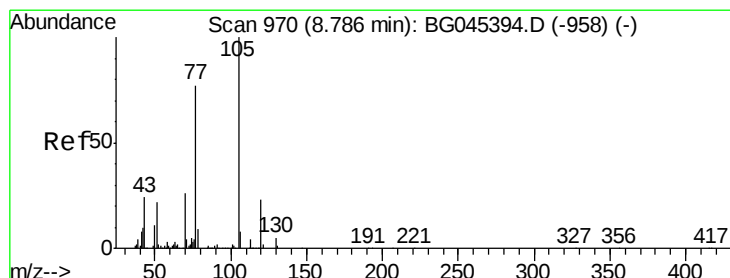
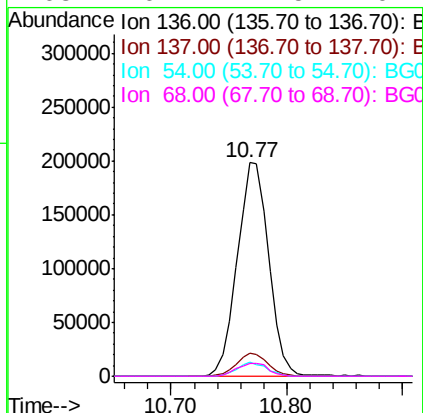
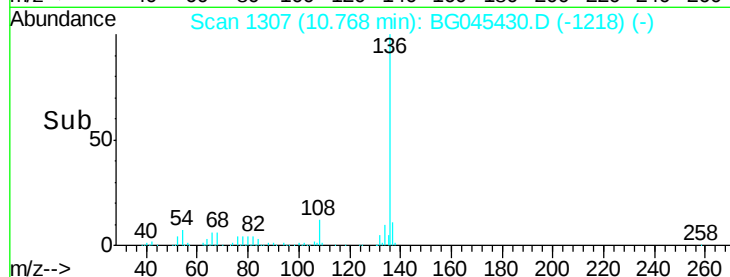
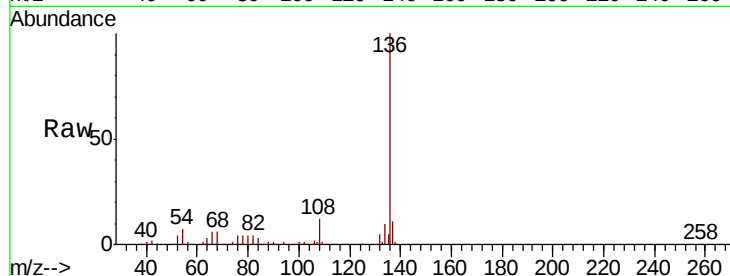
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	9.4	14.2	
54	6.8	5.8	8.6	
68	6.1	4.5	6.7	

Manual Integrations
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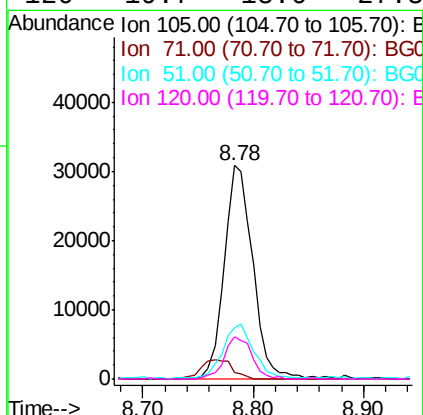
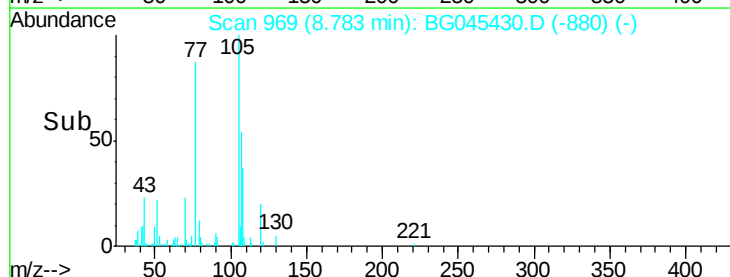
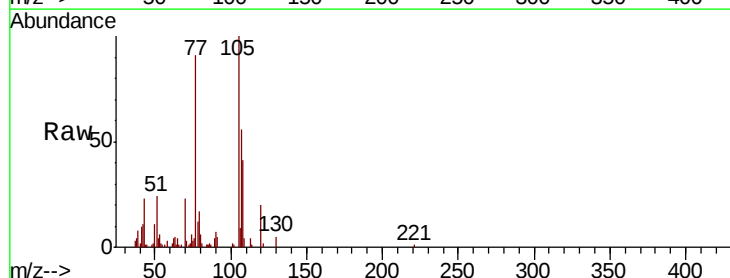
mohammad

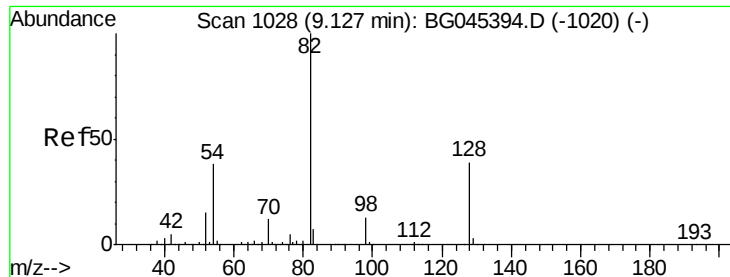
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#22
Acetophenone
Concen: 6.296 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.01 min
Lab File: BG045430.D
Acq: 19 May 2020 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	3.1	3.4	5.0#	
51	23.9	18.2	27.2	
120	19.7	18.6	27.8	





#23
 Nitrobenzene-d5
 Concen: 77.804 ng
 RT: 9.12 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BG045430.D
 Acq: 19 May 2020 18:45

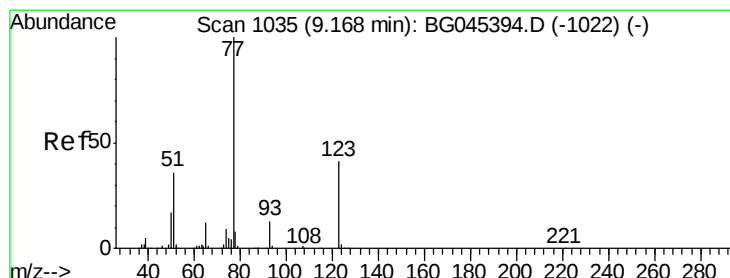
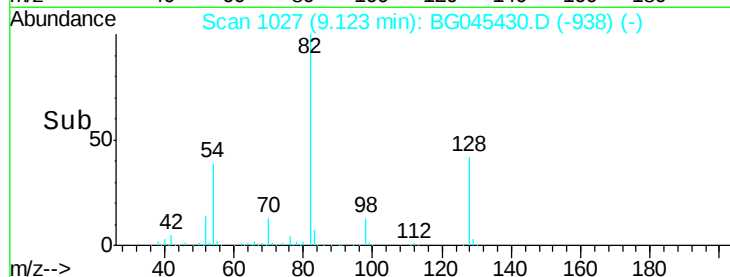
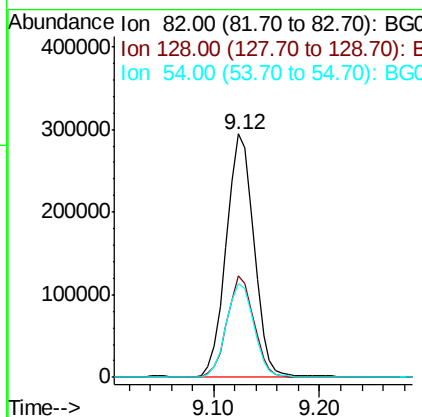
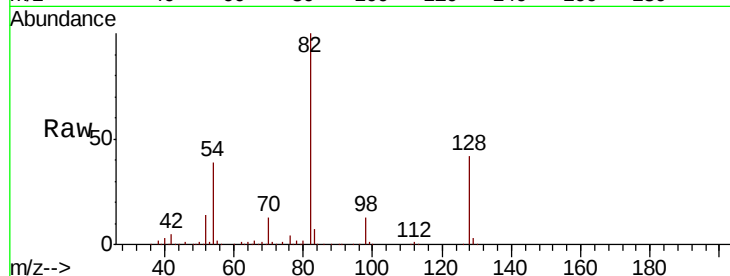
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

Tot Ion:	82	Resp:	535317
Ion Ratio	Lower	Upper	
82	100		
128	41.7	30.9	46.3
54	38.7	30.3	45.5

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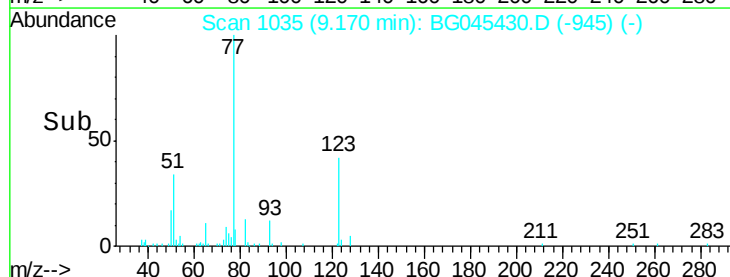
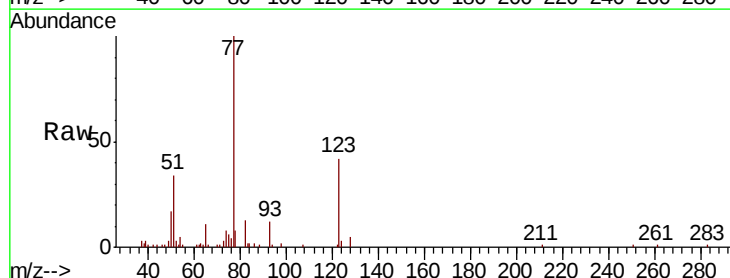
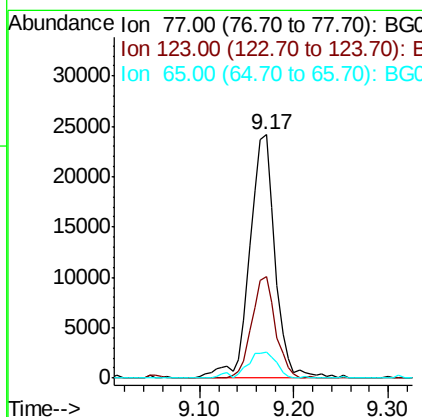
mohammad

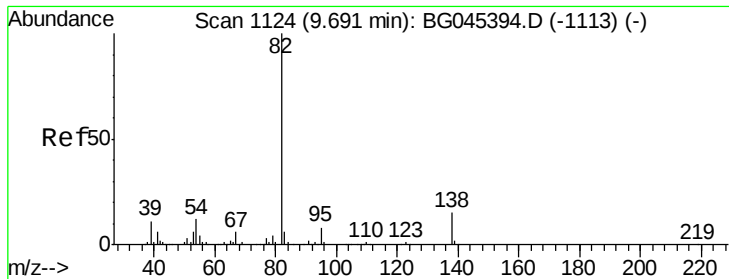
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#24
 Nitrobenzene
 Concen: 6.108 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BG045430.D
 Acq: 19 May 2020 18:45

Tgt Ion:	77	Resp:	45028
Ion Ratio	Lower	Upper	
77	100		
123	41.7	32.9	49.3
65	10.5	9.4	14.2





#25

Isophorone

Concen: 6.287 ng

RT: 9.69 min Scan# 1123

Delta R.T. -0.01 min

Lab File: BG045430.D

Acq: 19 May 2020 18:45

Instrument :

BNA_G

ClientSampleId :

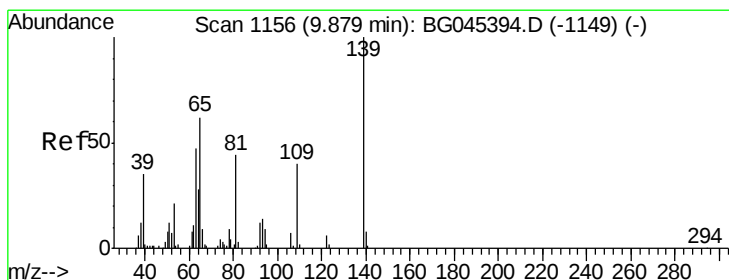
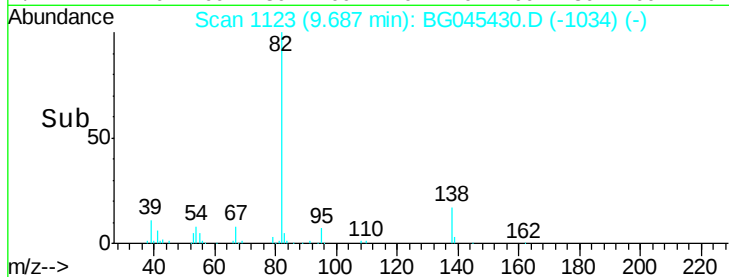
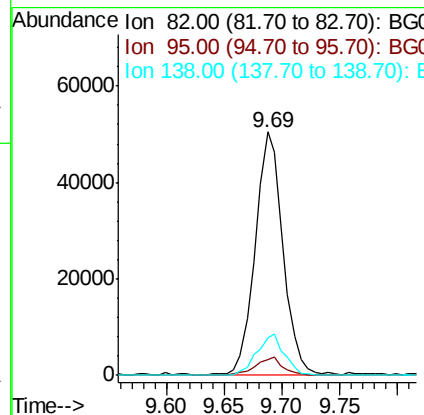
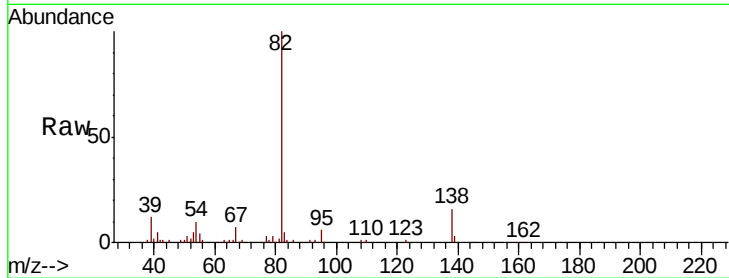
LOD-MDL-WATER-01-QT2-2020

Tot Ion:	82	Resp:	85184
Ion Ratio	Lower	Upper	
82	100		
95	6.3	6.7	10.1#
138	15.6	12.2	18.4

Manual Integrations
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mohammad

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#26

2-Nitrophenol

Concen: 6.030 ng

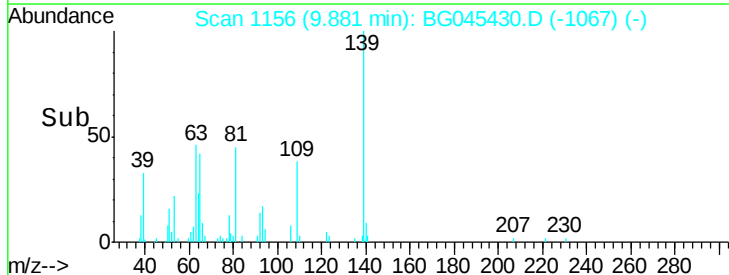
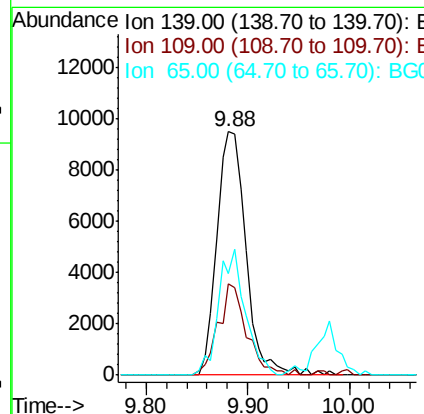
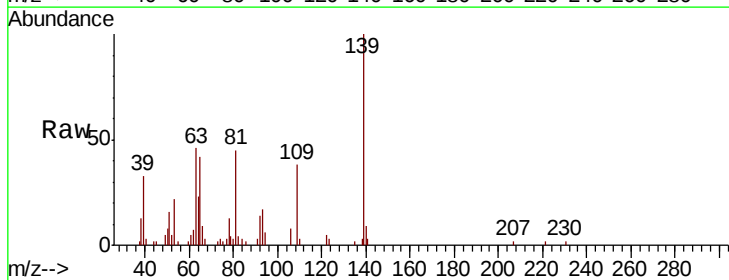
RT: 9.88 min Scan# 1156

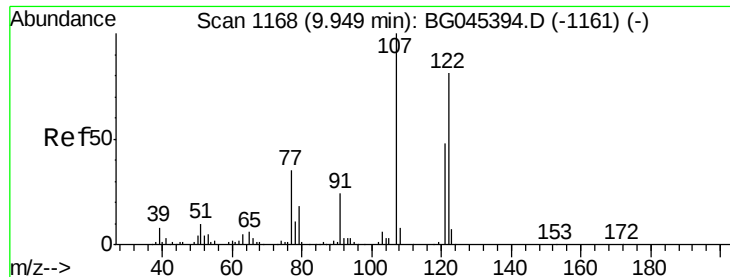
Delta R.T. -0.01 min

Lab File: BG045430.D

Acq: 19 May 2020 18:45

Tgt Ion:	139	Resp:	19015
Ion Ratio	Lower	Upper	
139	100		
109	37.5	32.2	48.4
65	41.5	49.6	74.4#





#27
2,4-Dimethylphenol
Concen: 6.701 ng
RT: 9.98 min Scan# 1173
Delta R.T. -0.00 min
Lab File: BG045430.D
Acq: 19 May 2020 18:45

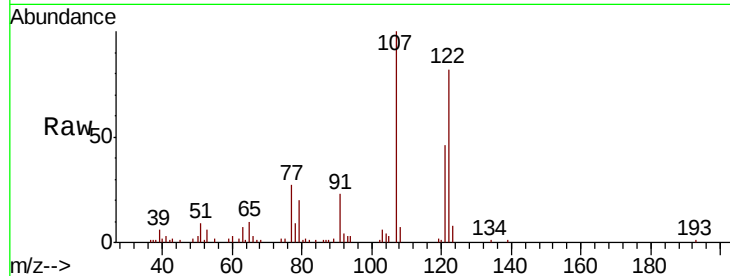
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
122	100		
107	121.5	99.0	148.4
121	56.4	47.7	71.5

Manual Integrations
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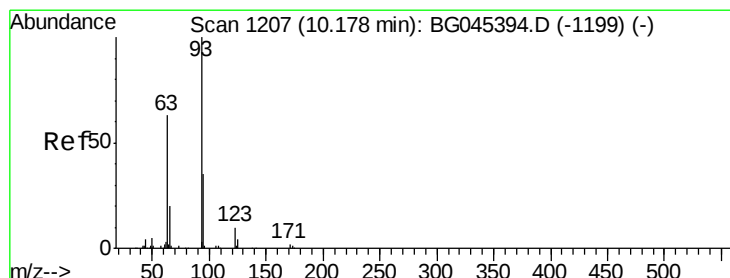
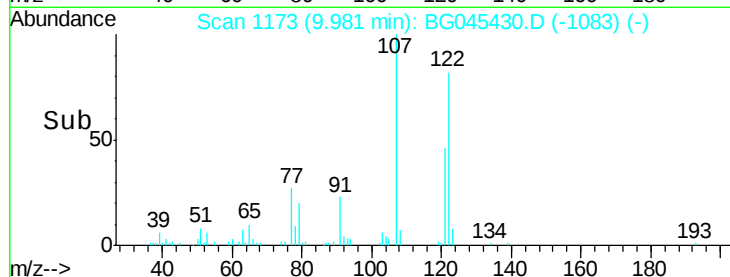
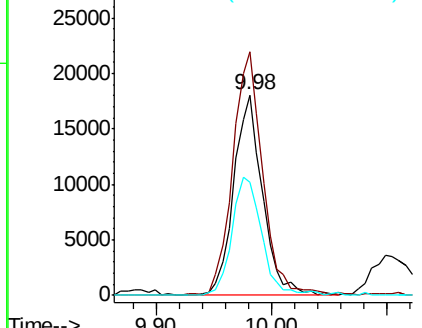


Abundance

Ion 122.00 (121.70 to 122.70): E

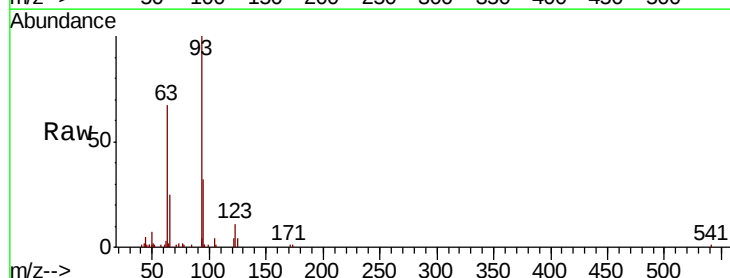
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 6.384 ng
RT: 10.17 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BG045430.D
Acq: 19 May 2020 18:45

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.5	27.6	41.4
123	11.3	8.1	12.1

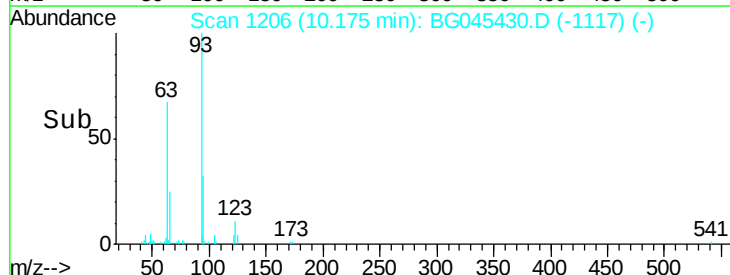
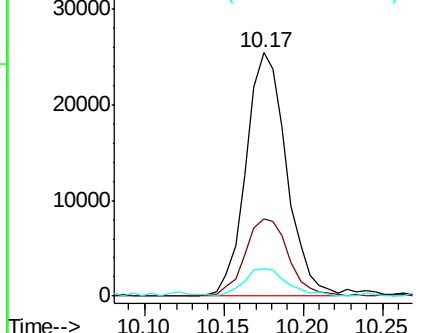


Abundance

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: 5.857 ng
 RT: 10.46 min Scan# 1254
 Delta R.T. -0.00 min
 Lab File: BG045430.D
 Acq: 19 May 2020 18:45

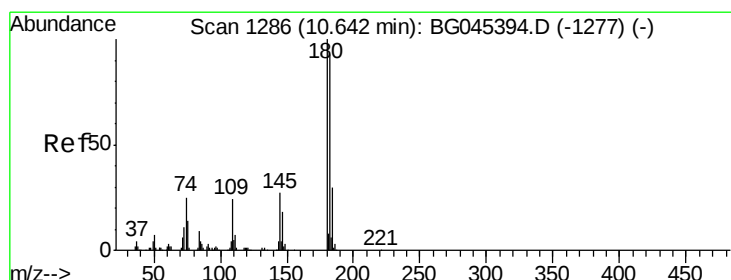
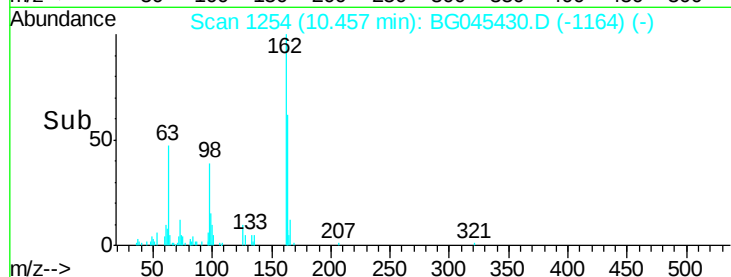
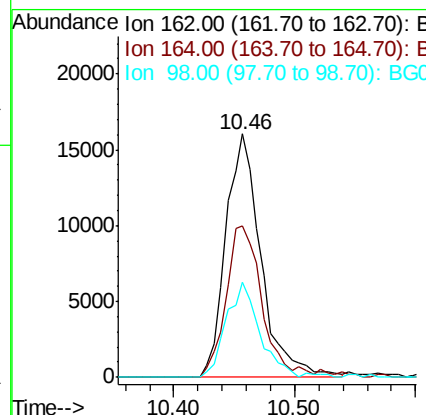
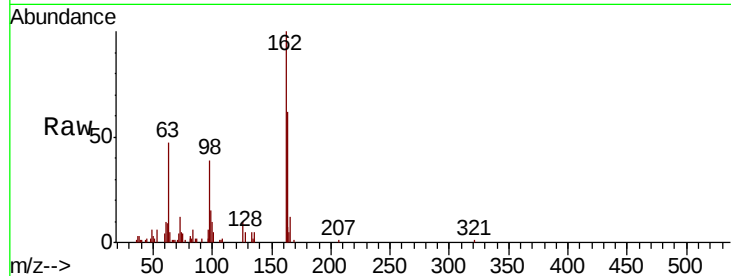
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

Tot Ion:	162	Resp:	32346
Ion Ratio	Lower	Upper	
162	100		
164	62.0	46.8	86.8
98	39.2	15.2	55.2

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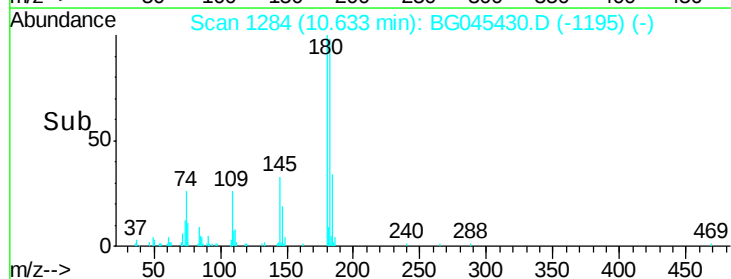
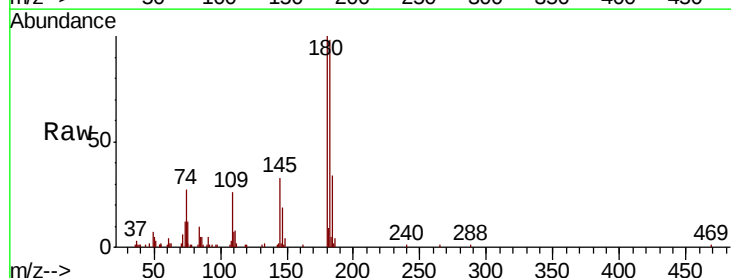
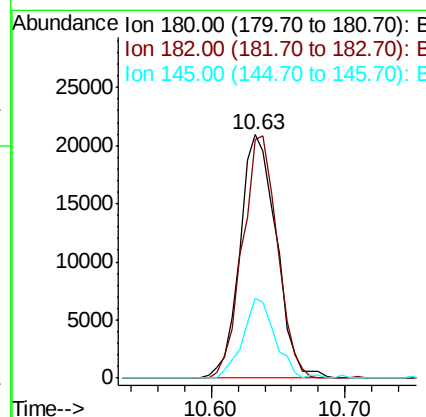
mohammad

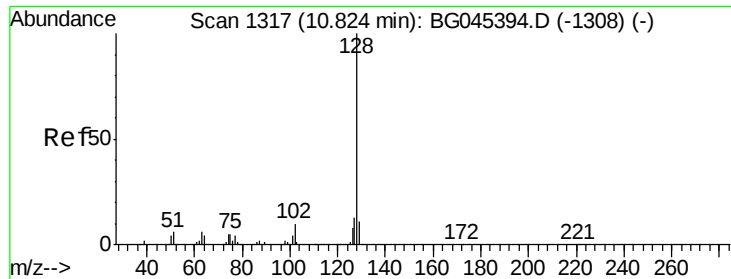
5/20/2020 1:20:04 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 6.048 ng
 RT: 10.63 min Scan# 1284
 Delta R.T. -0.01 min
 Lab File: BG045430.D
 Acq: 19 May 2020 18:45

Tgt Ion:	180	Resp:	39468
Ion Ratio	Lower	Upper	
180	100		
182	97.8	74.8	112.2
145	32.9	21.9	32.9#





#31
Naphthalene
Concen: 6.317 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG045430.D
Acq: 19 May 2020 18:45

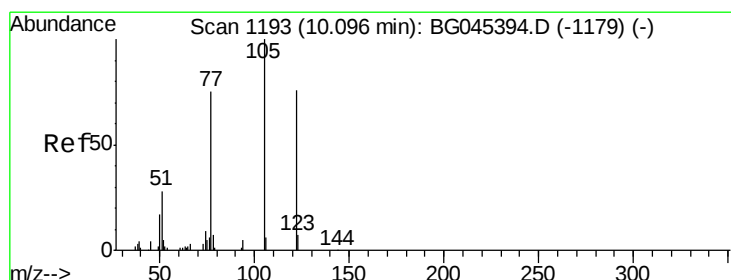
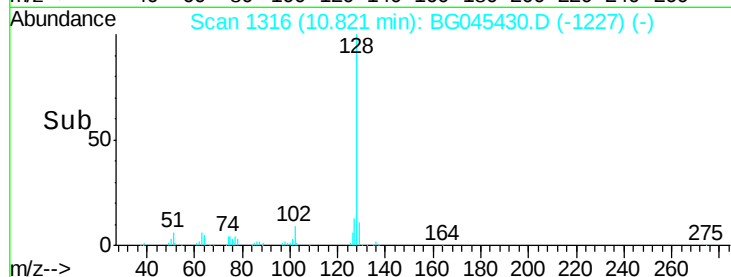
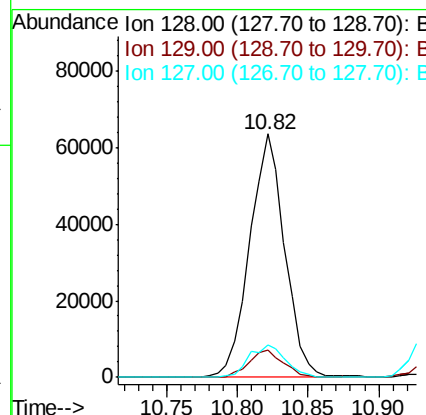
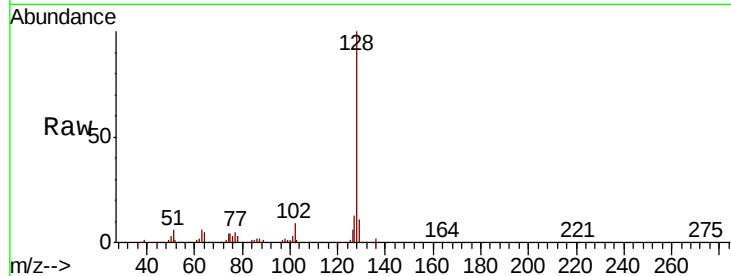
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion:128	Resp:	110443
Ion Ratio	Lower	Upper
128	100	
129	11.3	9.0 13.6
127	13.4	10.7 16.1

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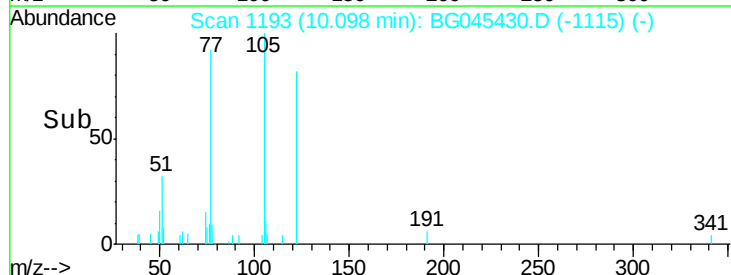
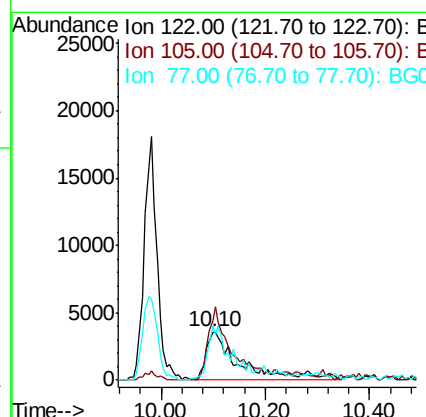
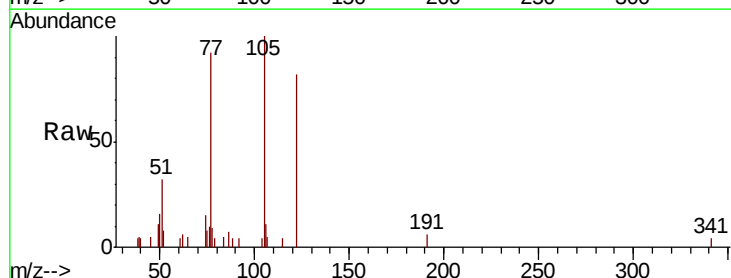
mohammad

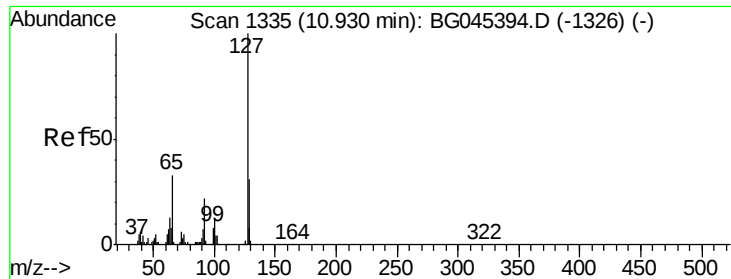
5/20/2020 1:20:04 PM



#32
Benzoic acid
Concen: 5.686 ng m
RT: 10.10 min Scan# 1193
Delta R.T. -0.07 min
Lab File: BG045430.D
Acq: 19 May 2020 18:45

Tgt Ion:122	Resp:	15972
Ion Ratio	Lower	Upper
122	100	
105	122.0	107.9 147.9
77	112.2	78.9 118.9





#33
4-Chloroaniline
Concen: 6.202 ng
RT: 10.94 min Scan# 1337
Delta R.T. -0.00 min
Lab File: BG045430.D
Acq: 19 May 2020 18:45

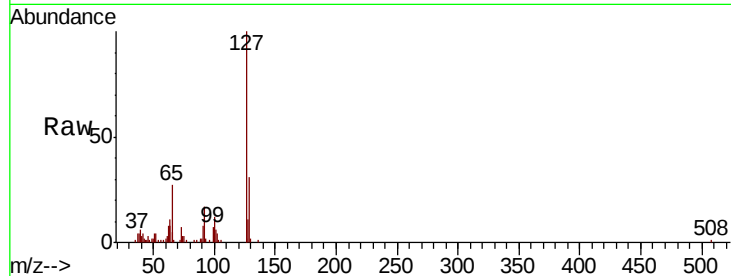
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		45323		
129	31.2	24.7	37.1		
65	27.3	26.2	39.2		
92	17.1	17.9	26.9		

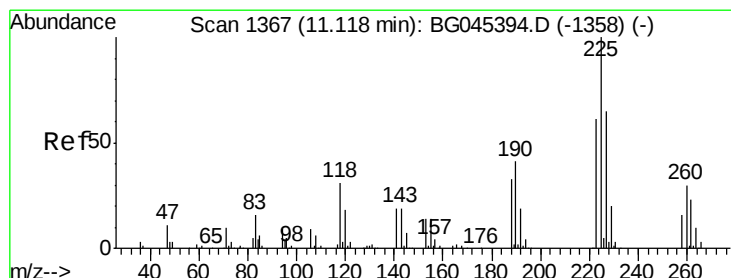
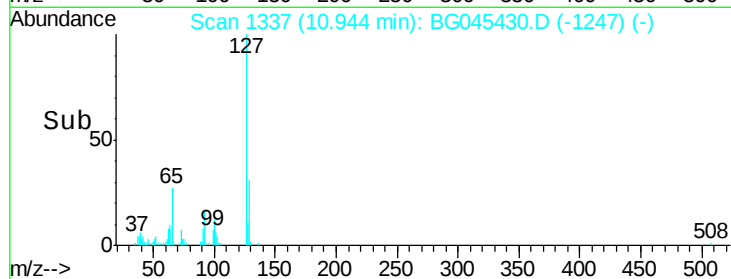
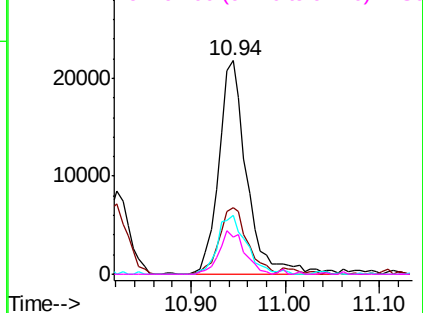
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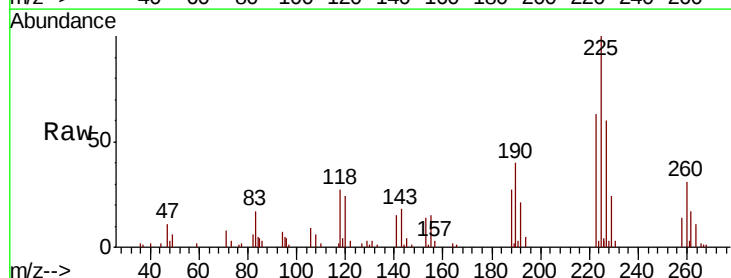


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

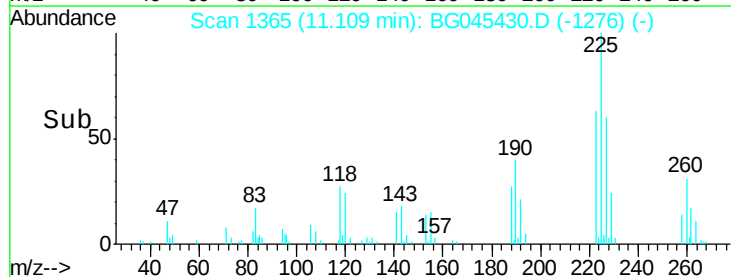
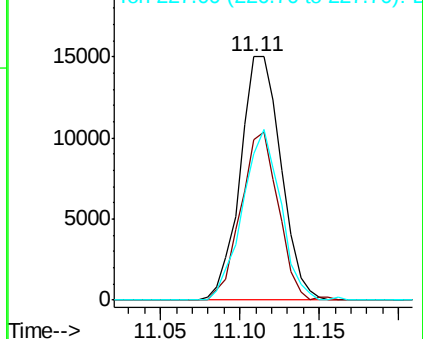


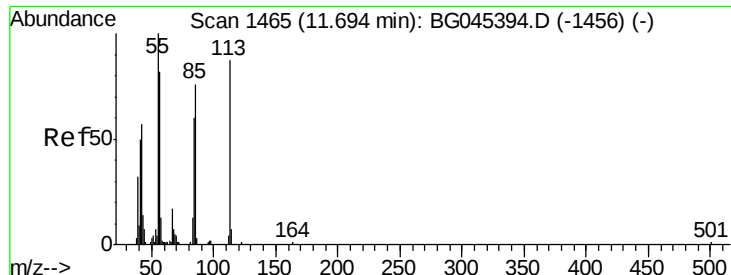
#34
Hexachlorobutadiene
Concen: 5.816 ng
RT: 11.11 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BG045430.D
Acq: 19 May 2020 18:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		26828		
223	65.8	49.1	73.7		
227	60.1	52.0	78.0		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35
 Caprolactam
 Concen: 6.081 ng
 RT: 11.69 min Scan# 1464
 Delta R.T. -0.02 min
 Lab File: BG045430.D
 Acq: 19 May 2020 18:45

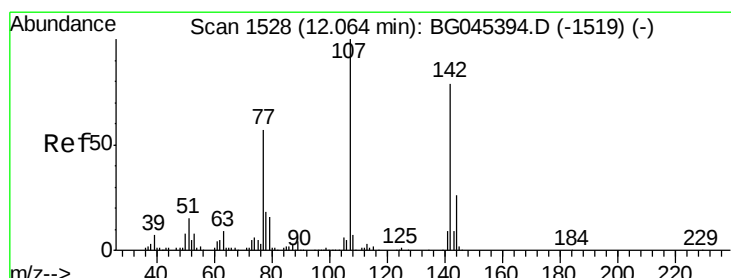
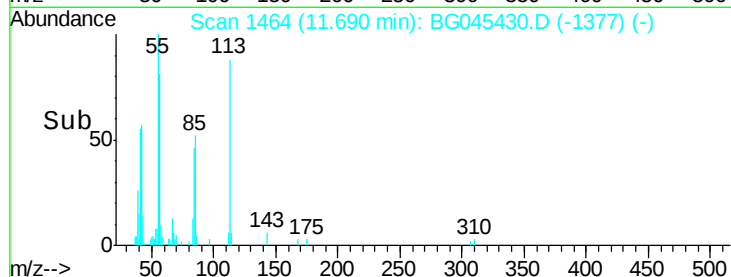
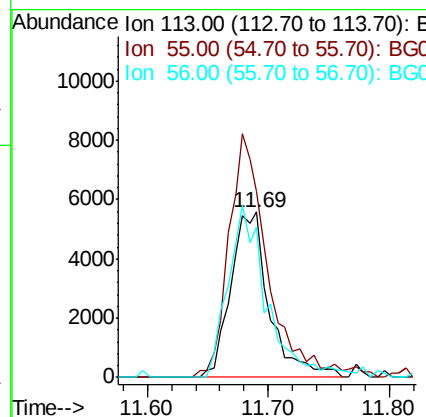
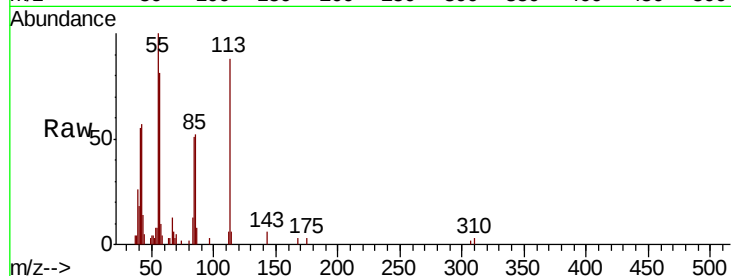
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100		12328		
55	113.1	96.0	136.0		
56	91.4	75.1	115.1		

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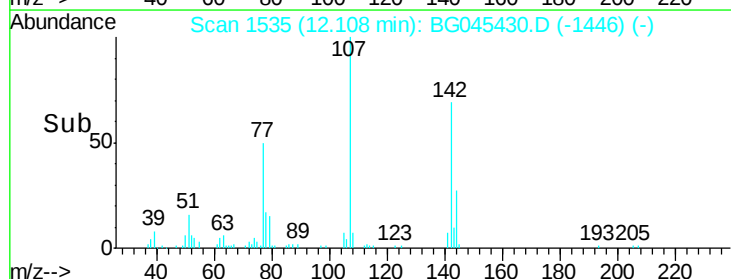
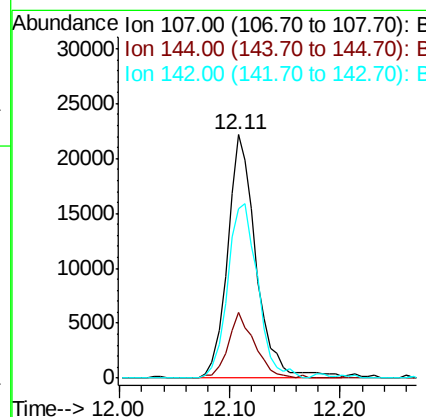
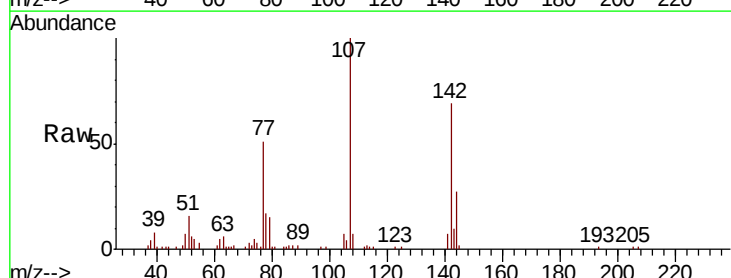
mohammad

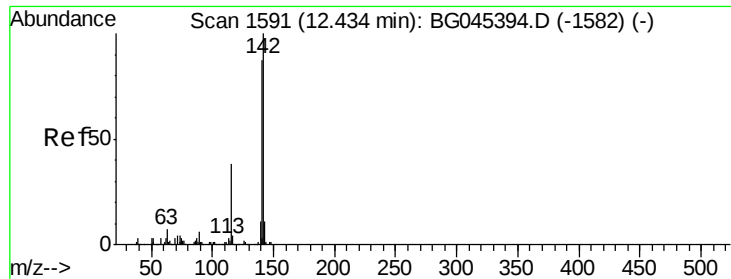
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#36
 4-Chloro-3-methylphenol
 Concen: 6.437 ng
 RT: 12.11 min Scan# 1535
 Delta R.T. -0.01 min
 Lab File: BG045430.D
 Acq: 19 May 2020 18:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		40058		
144	27.0	20.8	31.2		
142	69.4	62.8	94.2		





#37
2-Methylnaphthalene
Concen: 6.370 ng
RT: 12.43 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BG045430.D
Acq: 19 May 2020 18:45

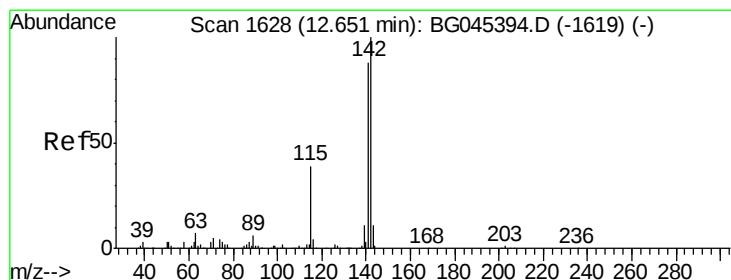
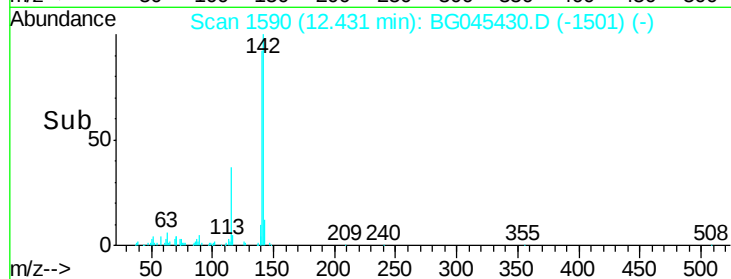
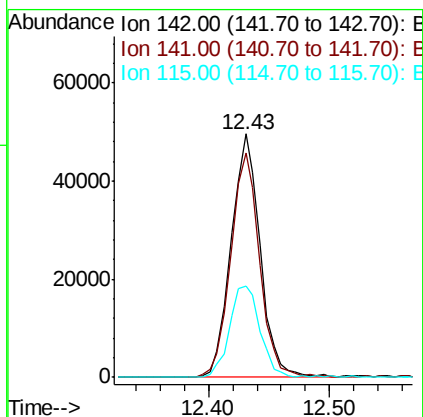
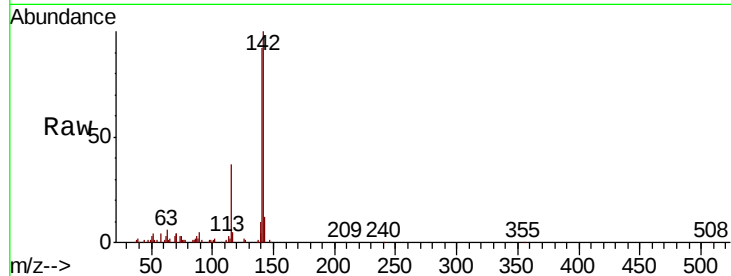
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.3	70.0	105.0
115	37.2	30.8	46.2

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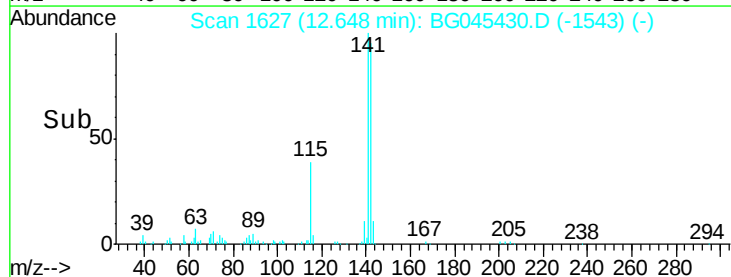
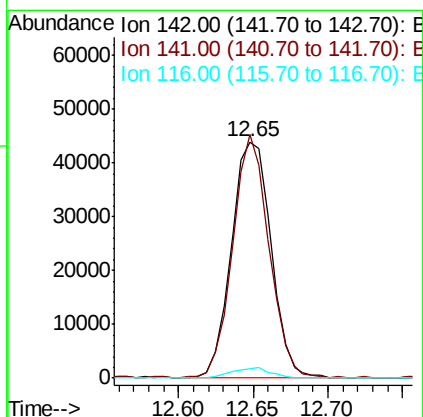
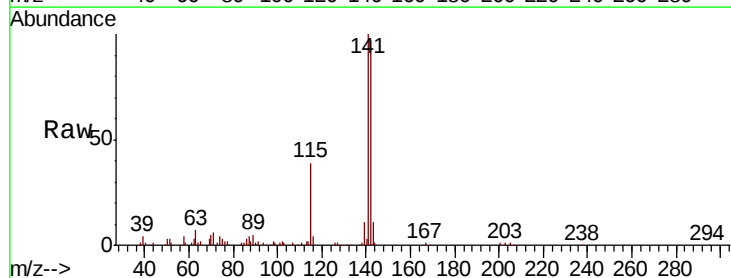
mohammad

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#38
1-Methylnaphthalene
Concen: 6.590 ng
RT: 12.65 min Scan# 1627
Delta R.T. -0.01 min
Lab File: BG045430.D
Acq: 19 May 2020 18:45

Tgt Ion	Ratio	Lower	Upper
142	100		
141	103.0	70.8	106.2
116	4.0	3.0	4.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.60 min Scan# 1960
Delta R.T. -0.01 min
Lab File: BG045430.D
Acq: 19 May 2020 18:45

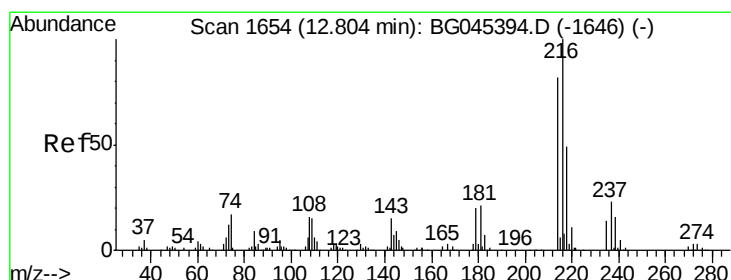
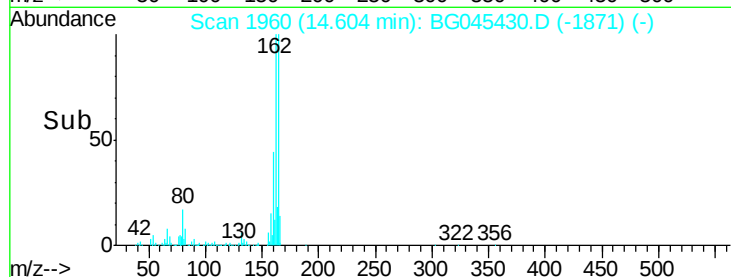
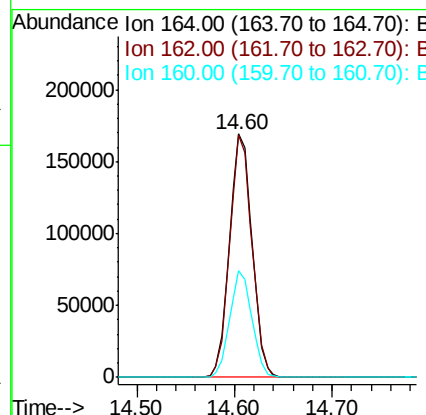
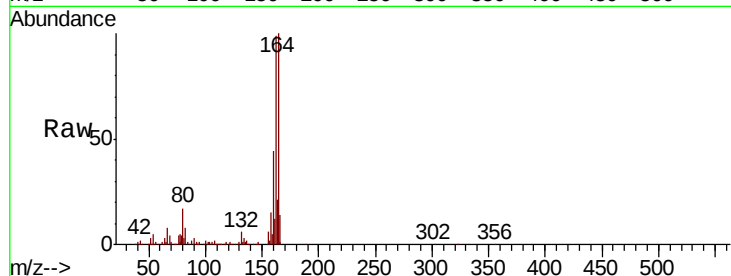
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.4	76.9	115.3
160	44.0	33.8	50.8

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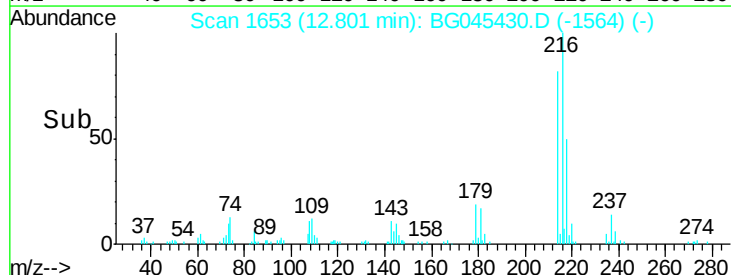
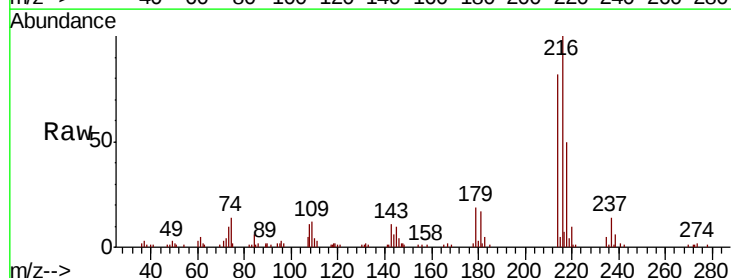
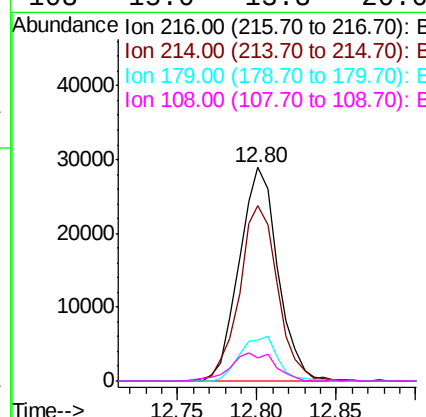
mohammad

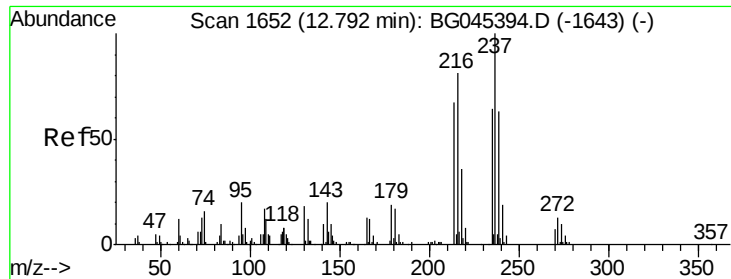
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 6.437 ng
RT: 12.80 min Scan# 1653
Delta R.T. -0.01 min
Lab File: BG045430.D
Acq: 19 May 2020 18:45

Tgt Ion	Ratio	Lower	Upper
216	100		
214	82.1	63.7	95.5
179	20.7	16.1	24.1
108	15.0	13.8	20.6





#41

Hexachlorocyclopentadiene

Concen: 4.662 ng

RT: 12.79 min Scan# 1651

Delta R.T. -0.00 min

Lab File: BG045430.D

Acq: 19 May 2020 18:45

Instrument :

BNA_G

ClientSampleId :

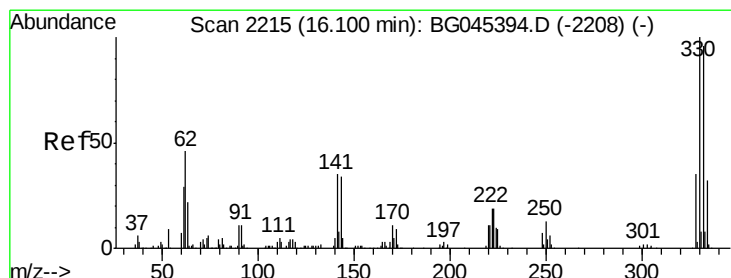
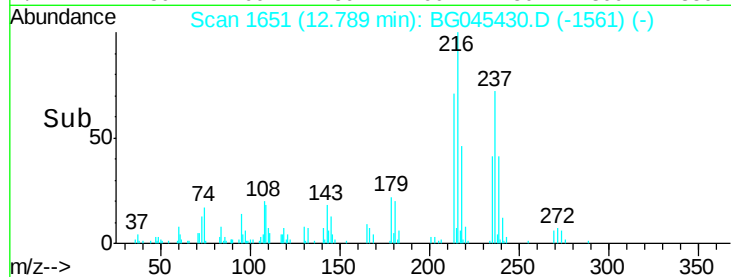
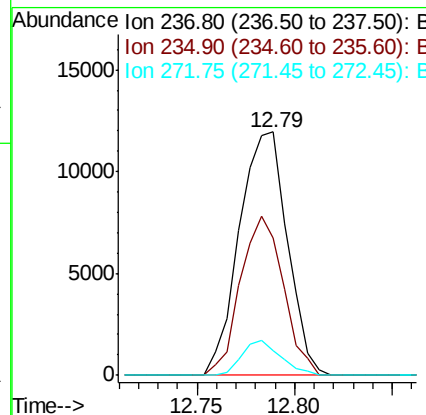
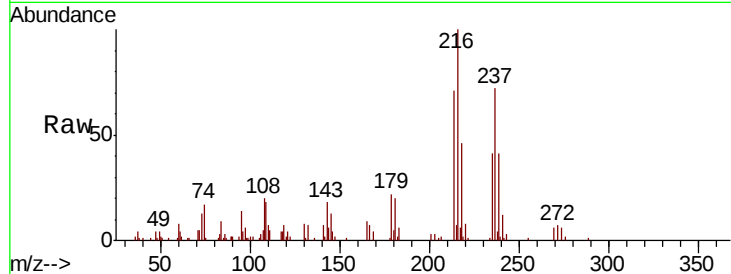
LOD-MDL-WATER-01-QT2-2020

Tot Ion:	237	Resp:	20362
Ion Ratio	Lower	Upper	
237	100		
235	56.6	44.4	84.4
272	10.3	0.0	32.5

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#42

2,4,6-Tribromophenol

Concen: 119.609 ng

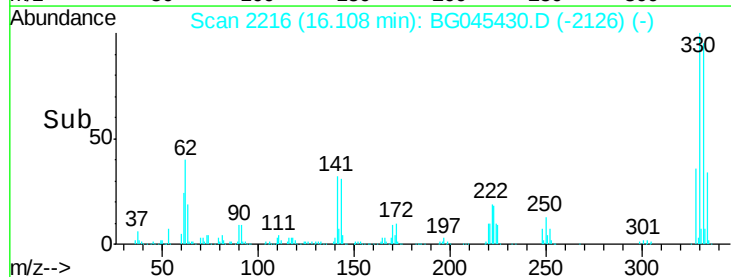
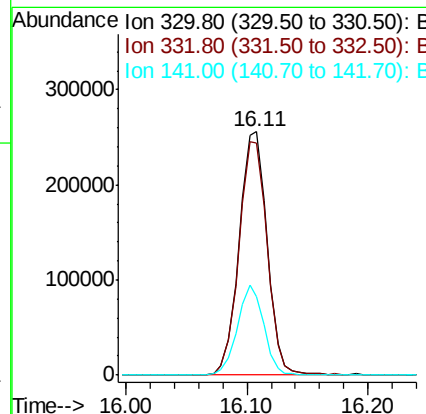
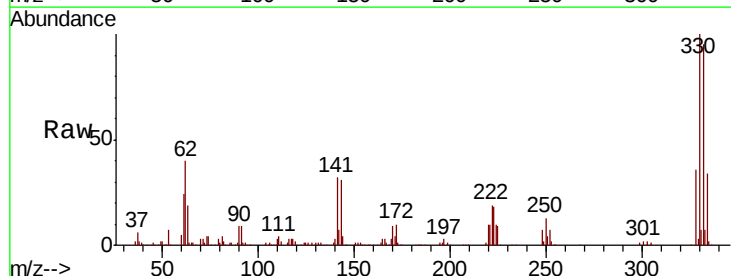
RT: 16.11 min Scan# 2216

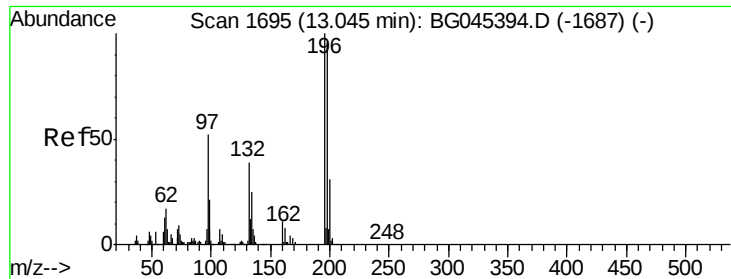
Delta R.T. -0.00 min

Lab File: BG045430.D

Acq: 19 May 2020 18:45

Tgt Ion:	330	Resp:	414457
Ion Ratio	Lower	Upper	
330	100		
332	97.1	78.2	117.4
141	34.9	28.2	42.4





#43
2,4,6-Trichlorophenol
Concen: 6.127 ng
RT: 13.06 min Scan# 1697
Delta R.T. -0.01 min
Lab File: BG045430.D
Acq: 19 May 2020 18:45

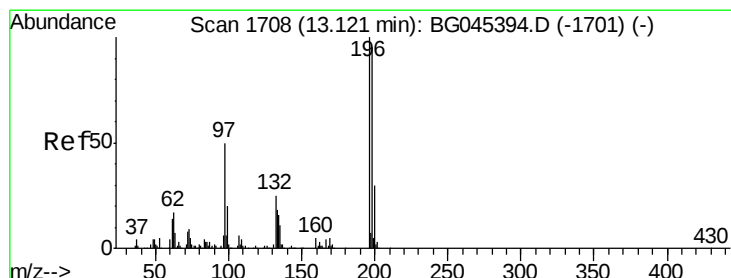
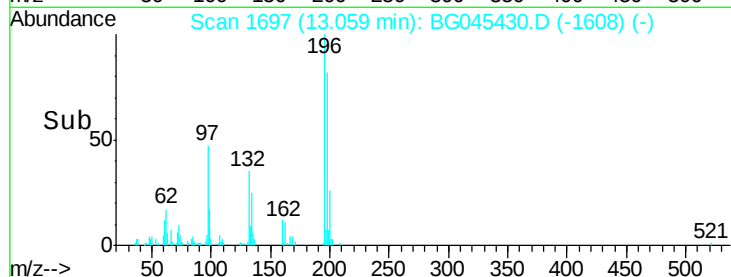
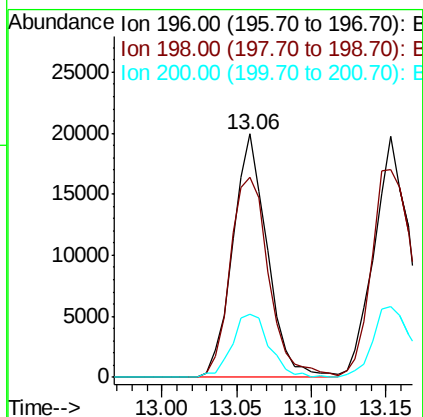
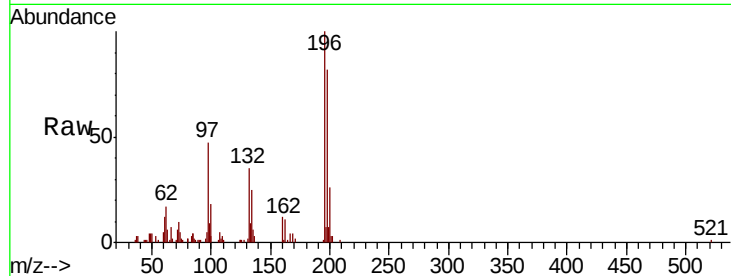
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
196	100		
198	82.4	76.7	115.1
200	25.7	24.9	37.3

Manual Integrations
APPROVED

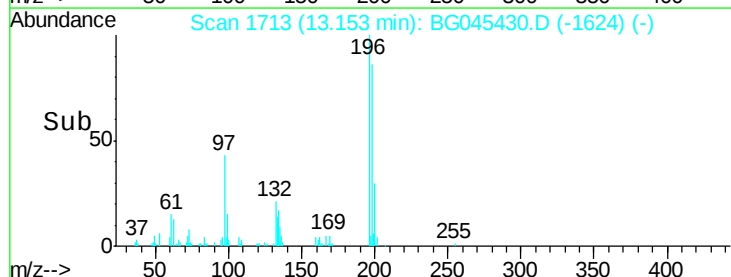
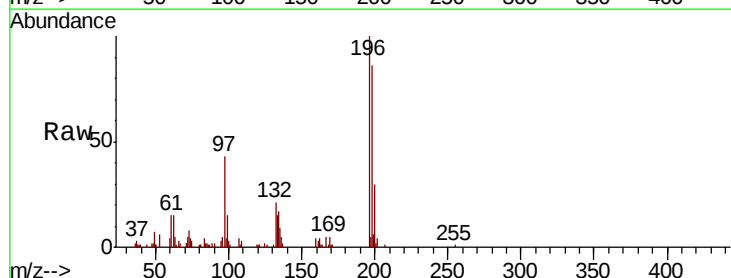
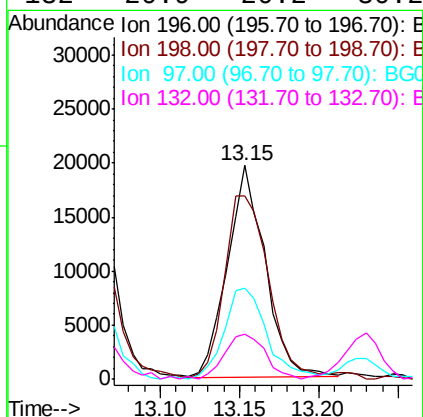
mohammad

5/20/2020 1:20:04 PM



#44
2,4,5-Trichlorophenol
Concen: 5.413 ng
RT: 13.15 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BG045430.D
Acq: 19 May 2020 18:45

Tgt Ion	Ratio	Lower	Upper
196	100		
198	85.8	76.1	114.1
97	42.7	40.0	60.0
132	20.9	20.2	30.2





#45
2-Fluorobiphenyl
Concen: 79.235 ng
RT: 13.23 min Scan# 1726
Delta R.T. -0.01 min
Lab File: BG045430.D
Acq: 19 May 2020 18:45

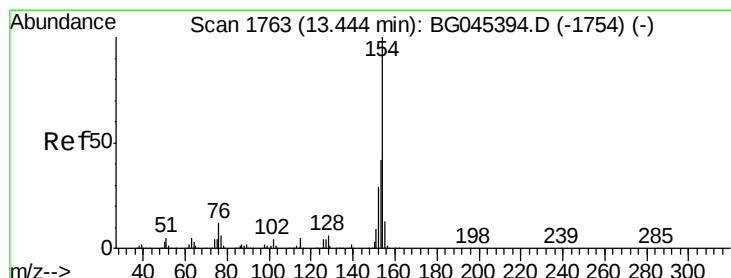
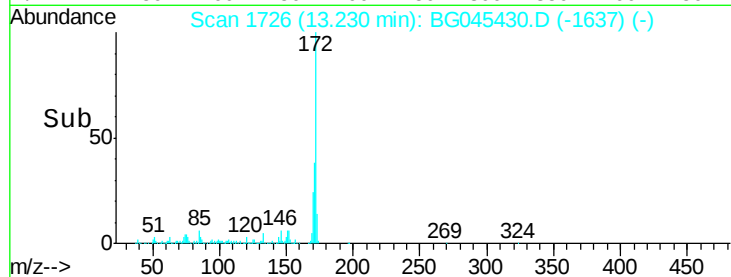
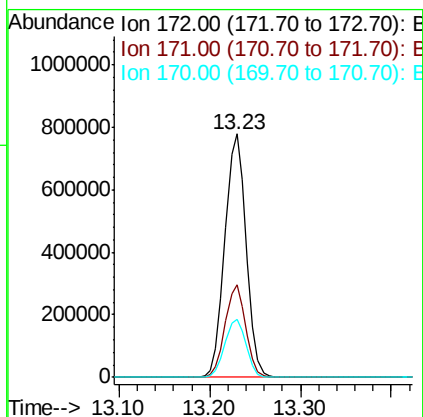
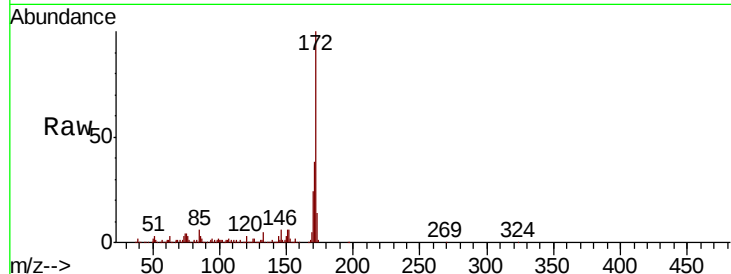
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion:172	Resp: 1265670
Ion Ratio	Lower Upper
172 100	
171 38.0	29.5 44.3
170 23.8	18.5 27.7

Manual Integrations
APPROVED

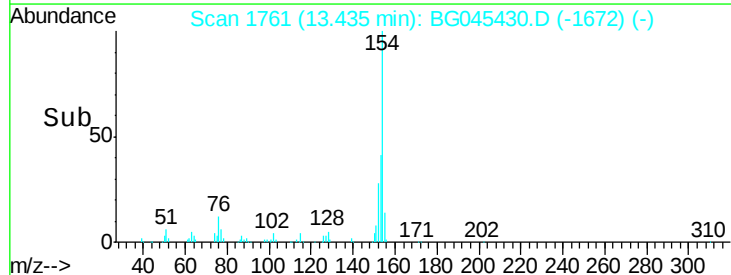
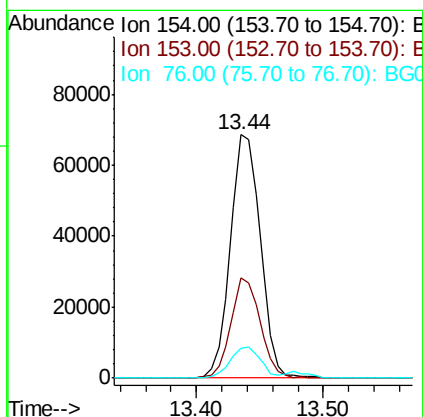
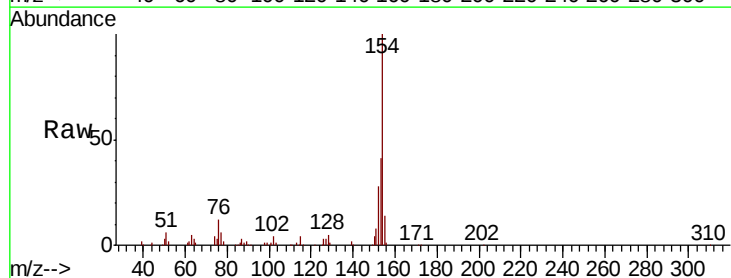
mohammad

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#46
1,1'-Biphenyl
Concen: 6.723 ng
RT: 13.44 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BG045430.D
Acq: 19 May 2020 18:45

Tgt Ion:154	Resp: 111933
Ion Ratio	Lower Upper
154 100	
153 41.4	22.2 62.2
76 12.1	0.0 32.4





#47
2-Chloronaphthalene
Concen: 6.215 ng
RT: 13.48 min Scan# 1769
Delta R.T. -0.01 min
Lab File: BG045430.D
Acq: 19 May 2020 18:45

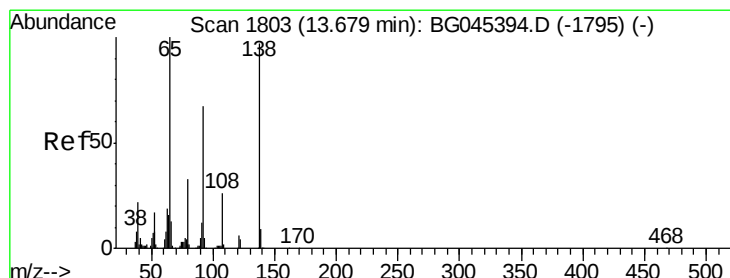
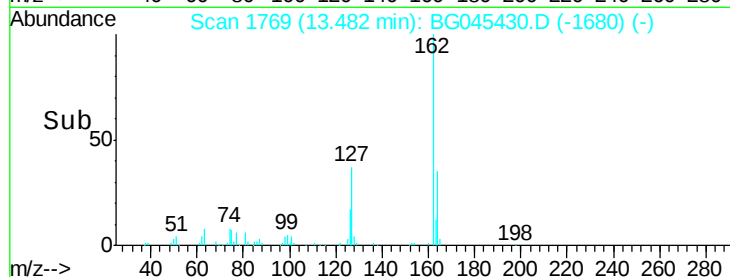
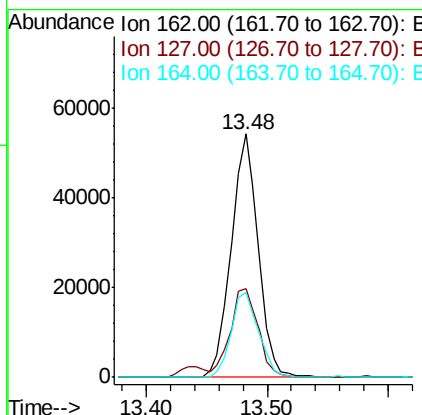
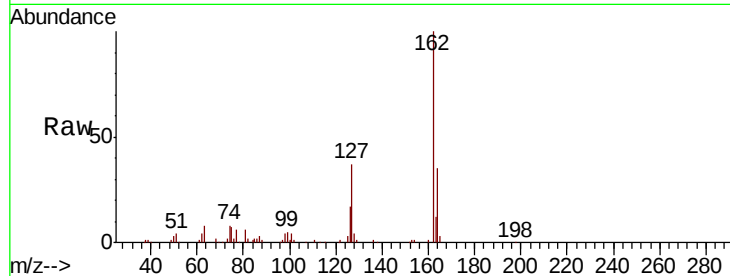
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion:	162	Resp:	84017
Ion Ratio	Lower	Upper	
162	100		
127	36.5	31.6	47.4
164	34.8	28.1	42.1

Manual Integrations
APPROVED

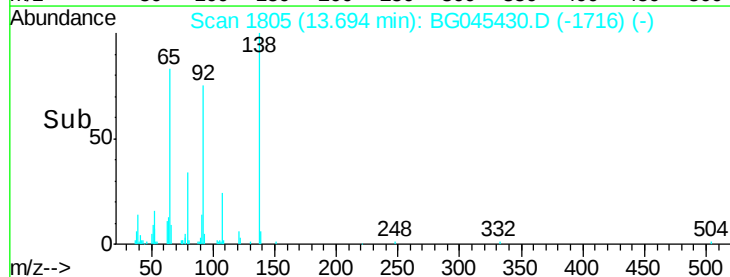
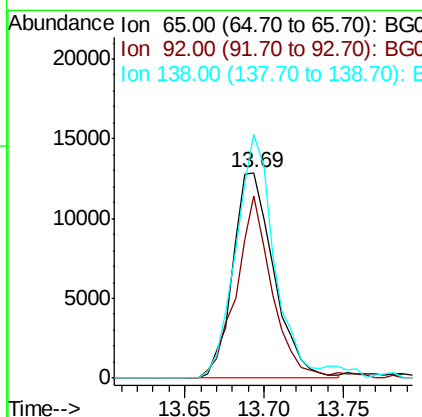
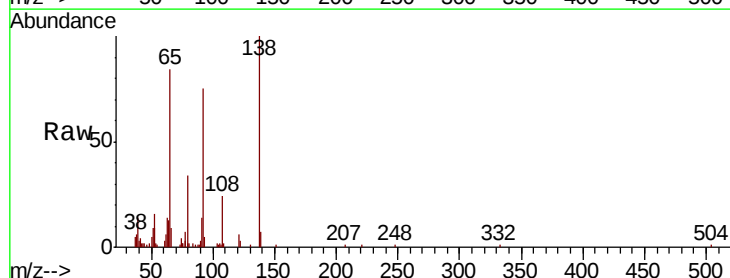
mohammad

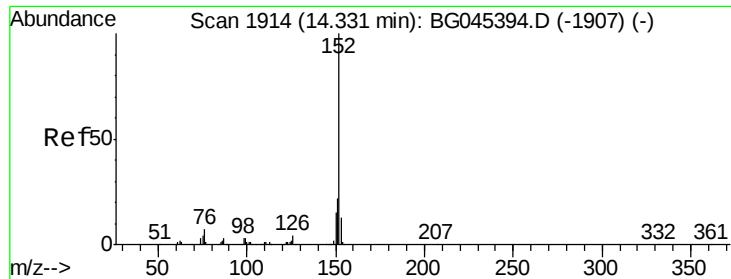
5/20/2020 1:20:04 PM



#48
2-Nitroaniline
Concen: 5.186 ng
RT: 13.69 min Scan# 1805
Delta R.T. -0.01 min
Lab File: BG045430.D
Acq: 19 May 2020 18:45

Tgt Ion:	65	Resp:	23064
Ion Ratio	Lower	Upper	
65	100		
92	88.4	53.8	80.8#
138	118.6	77.9	116.9#





#49

Acenaphthylene

Concen: 6.776 ng

RT: 14.33 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BG045430.D

Acq: 19 May 2020 18:45

Instrument :

BNA_G

ClientSampleId :

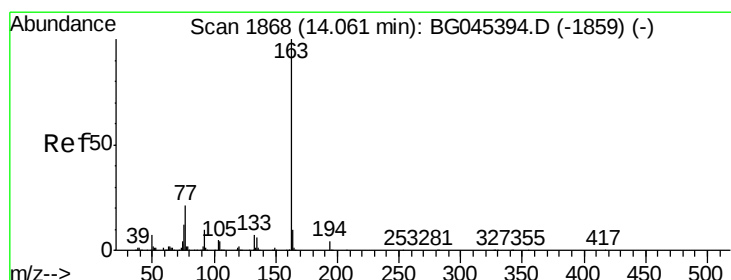
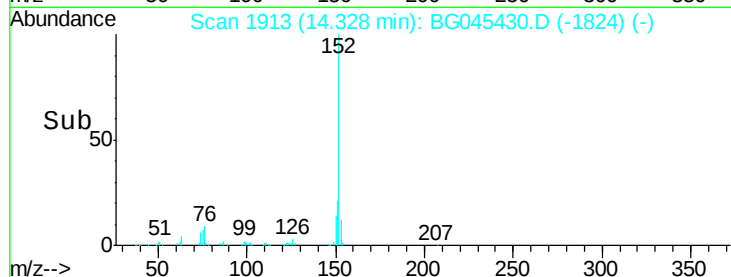
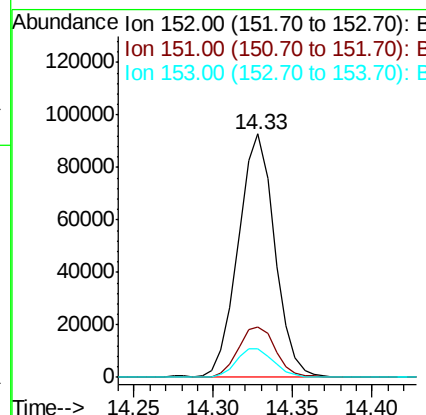
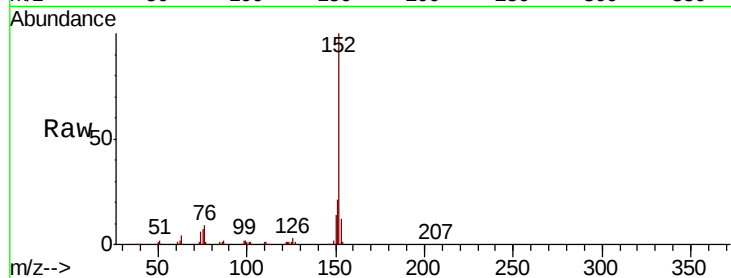
LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.7	17.4	26.2
153	11.8	10.7	16.1

Manual Integrations
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#50

Dimethylphthalate

Concen: 6.683 ng

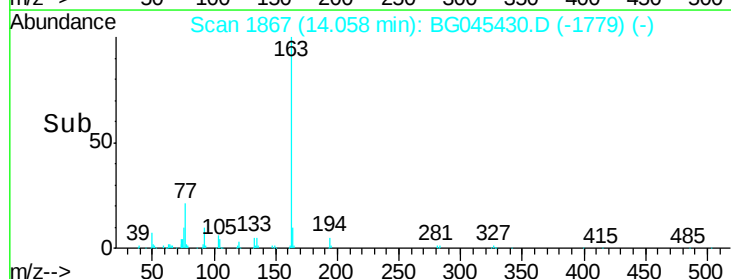
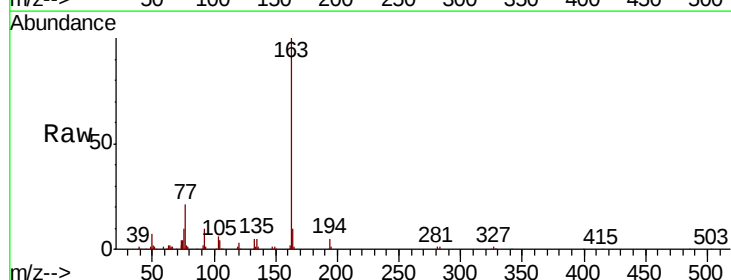
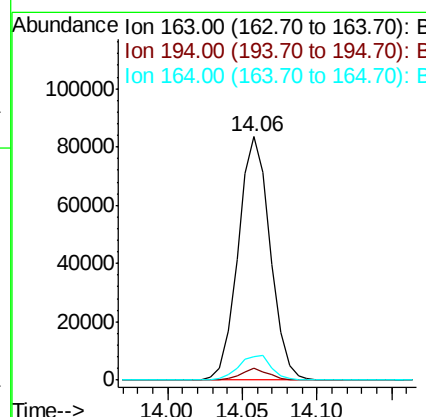
RT: 14.06 min Scan# 1867

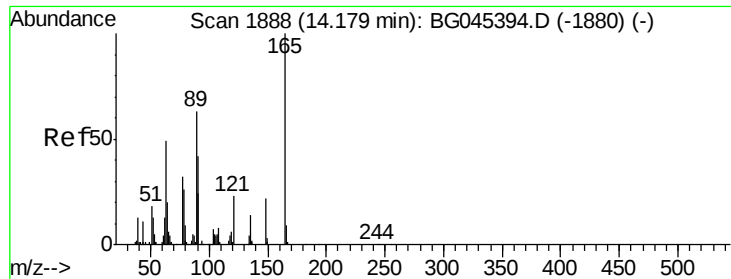
Delta R.T. -0.01 min

Lab File: BG045430.D

Acq: 19 May 2020 18:45

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.2	4.8
164	9.8	8.3	12.5





#51
 2,6-Dinitrotoluene
 Concen: 6.088 ng
 RT: 14.18 min Scan# 1887
 Delta R.T. -0.01 min
 Lab File: BG045430.D
 Acq: 19 May 2020 18:45

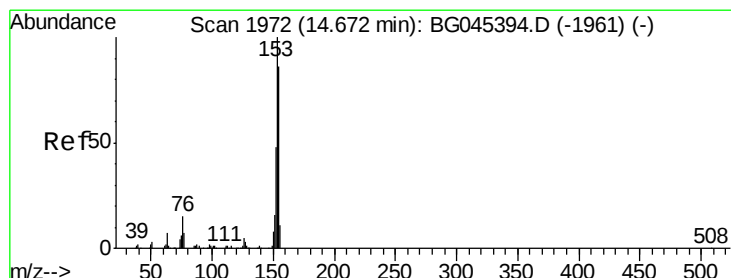
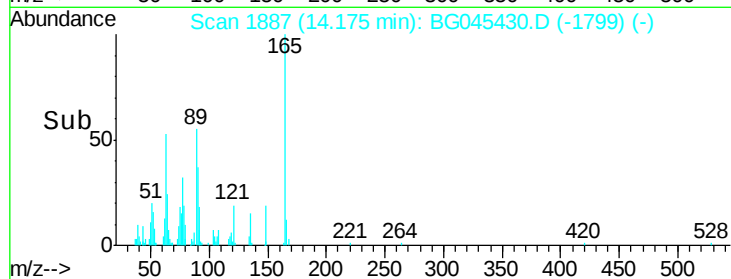
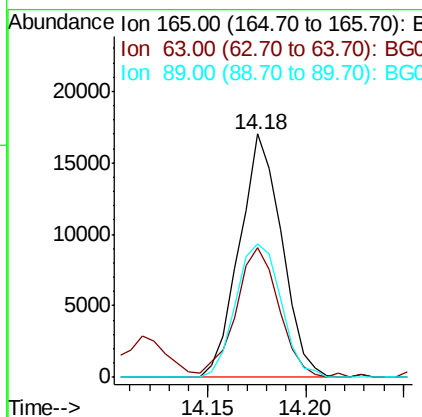
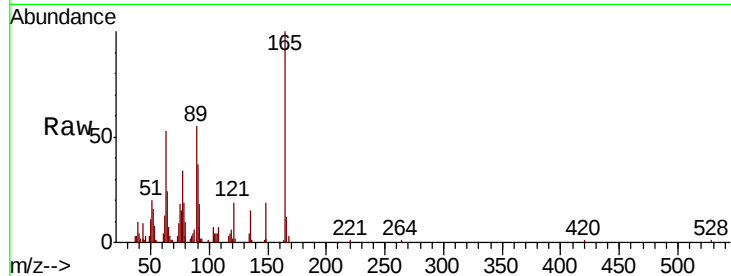
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

Tot Ion:	165	Resp:	25535
Ion Ratio	Lower	Upper	
165	100		
63	53.4	45.0	67.4
89	54.7	50.2	75.4

Manual Integrations
 APPROVED

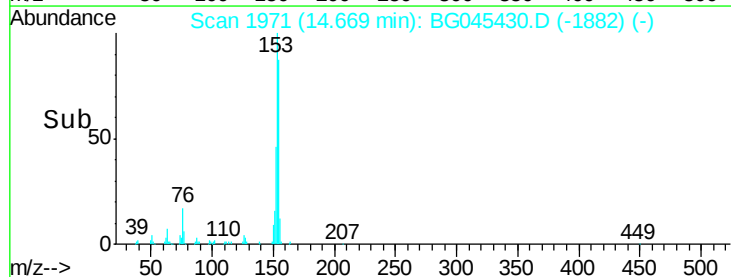
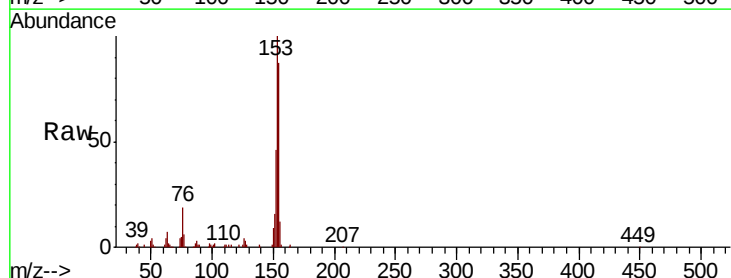
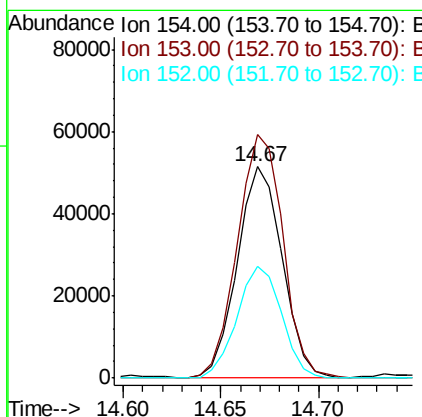
mohammad

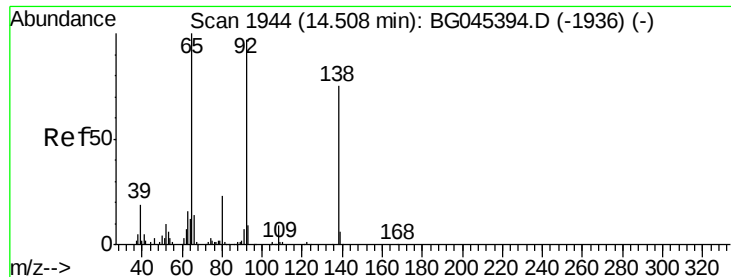
5/20/2020 1:20:04 PM



#52
 Acenaphthene
 Concen: 5.651 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.01 min
 Lab File: BG045430.D
 Acq: 19 May 2020 18:45

Tgt Ion:	154	Resp:	82139
Ion Ratio	Lower	Upper	
154	100		
153	115.3	92.8	139.2
152	53.1	44.6	66.8





#53

3-Nitroaniline

Concen: 5.460 ng

RT: 14.52 min Scan# 1946

Delta R.T. -0.01 min

Lab File: BG045430.D

Acq: 19 May 2020 18:45

Instrument :

BNA_G

ClientSampleId :

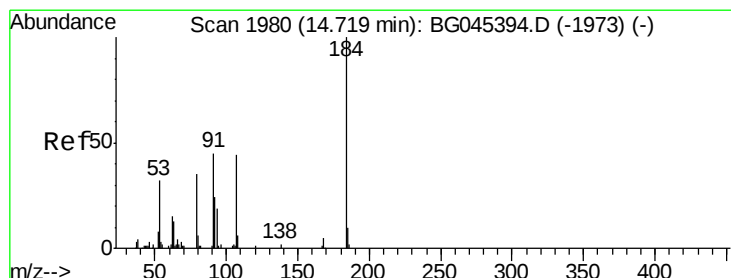
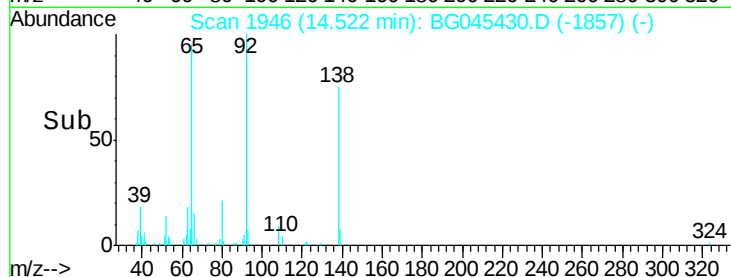
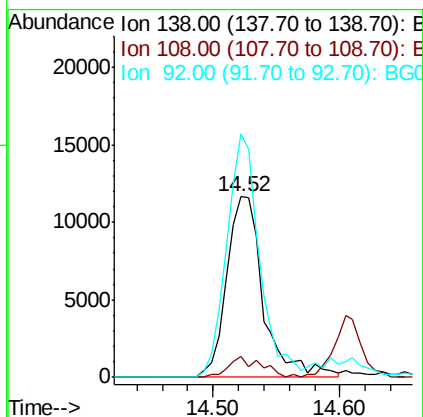
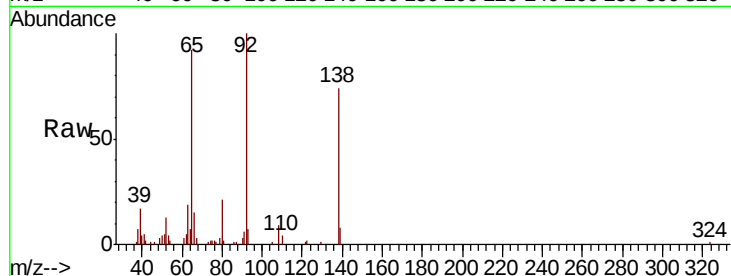
LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.7	9.8	14.6
92	134.8	103.0	154.4

Manual Integrations
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#54

2,4-Dinitrophenol

Concen: 1.539 ng m

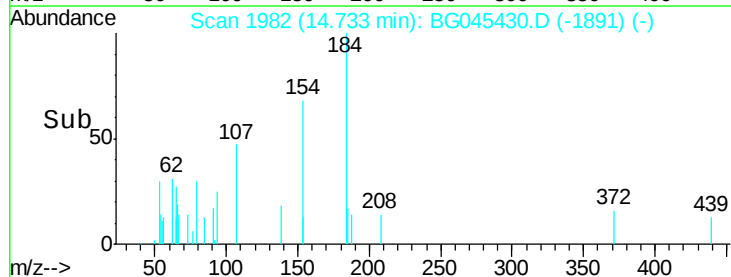
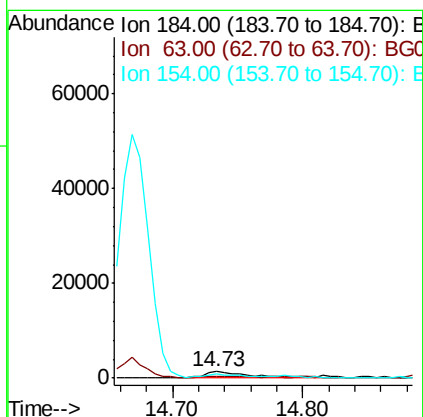
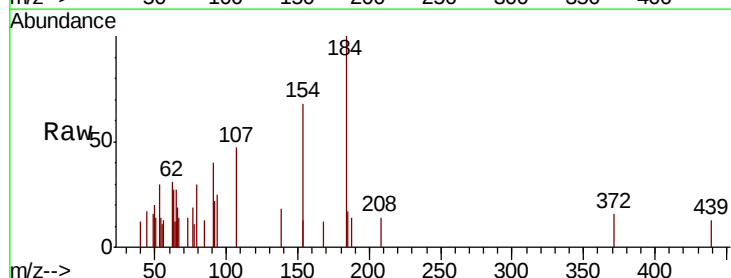
RT: 14.73 min Scan# 1982

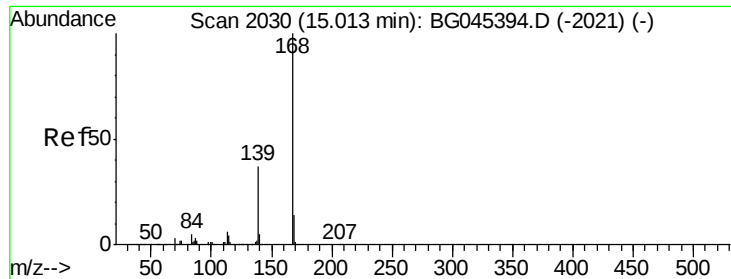
Delta R.T. 0.01 min

Lab File: BG045430.D

Acq: 19 May 2020 18:45

Tgt Ion	Ratio	Lower	Upper
184	100		
63	26.9	47.8	71.6#
154	67.8	58.3	87.5





#55
Dibenzenofuran
Concen: 6.675 ng
RT: 15.00 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BG045430.D
Acq: 19 May 2020 18:45

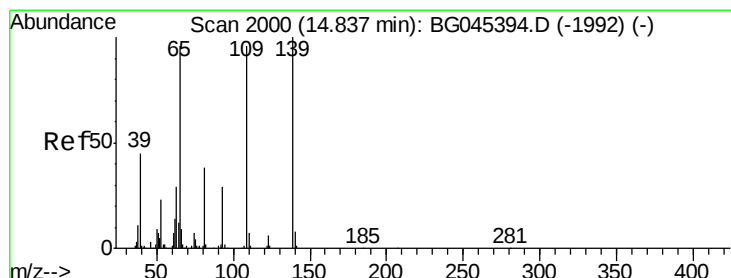
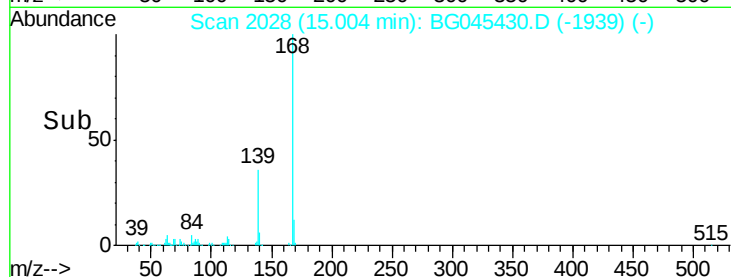
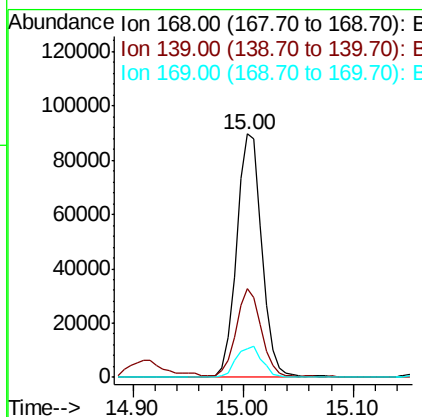
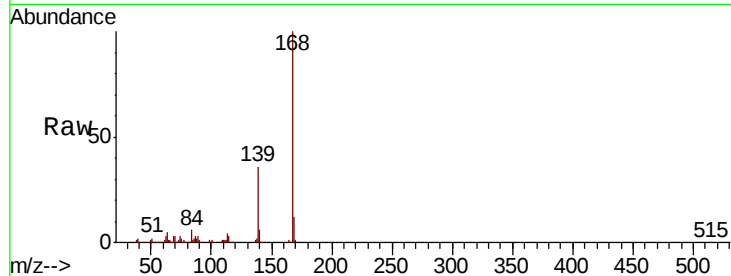
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.3	29.9	44.9
169	11.8	10.9	16.3

Manual Integrations
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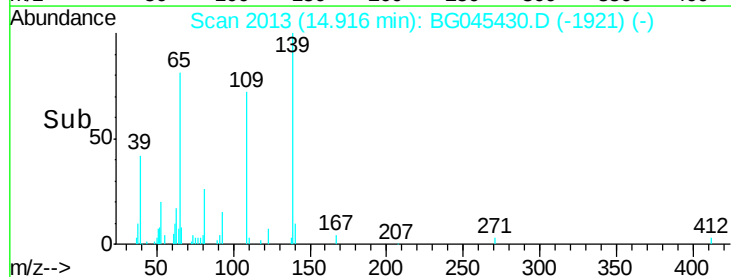
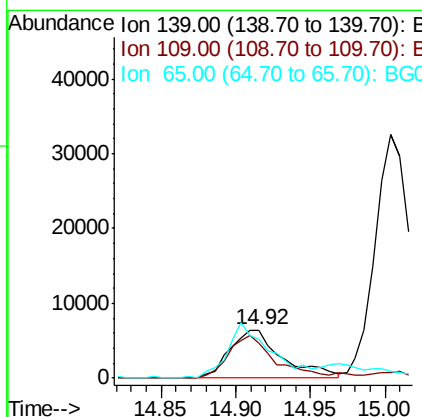
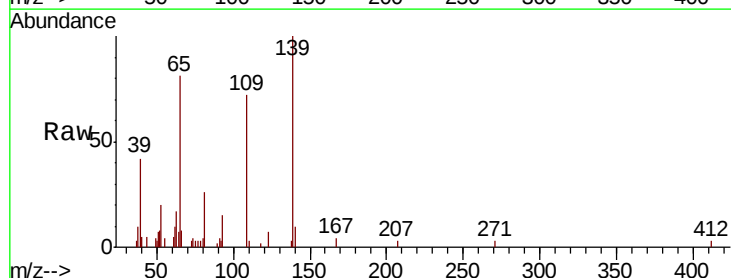
mohammad

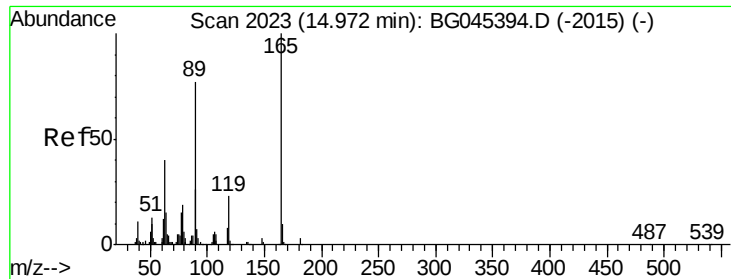
5/20/2020 1:20:04 PM



#56
4-Nitrophenol
Concen: 4.846 ng
RT: 14.92 min Scan# 2013
Delta R.T. 0.01 min
Lab File: BG045430.D
Acq: 19 May 2020 18:45

Tgt Ion	Ratio	Lower	Upper
139	100		
109	71.5	75.6	115.6#
65	80.9	76.8	116.8





#57
2,4-Dinitrotoluene
Concen: 6.073 ng
RT: 14.97 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BG045430.D
Acq: 19 May 2020 18:45

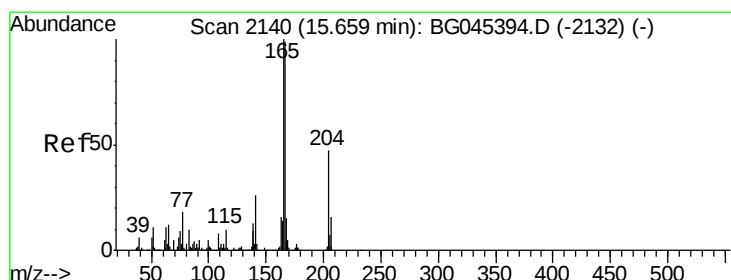
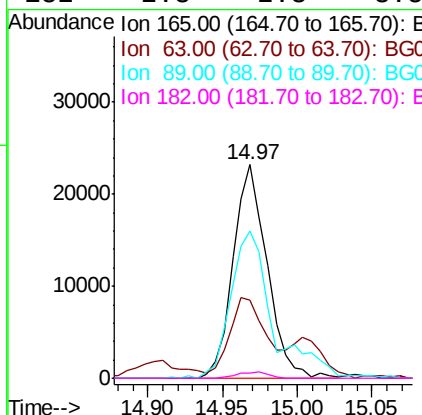
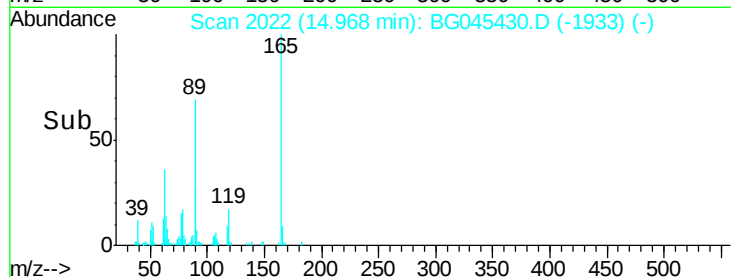
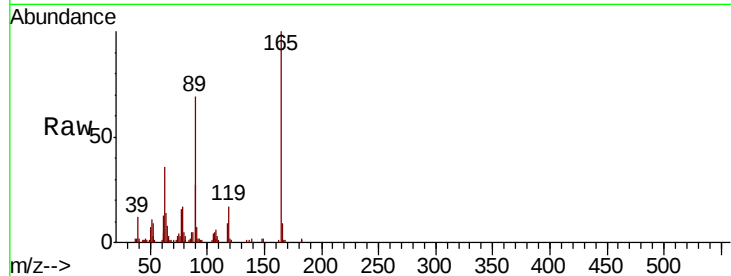
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	36.5	32.5	48.7	
89	68.8	61.8	92.6	
182	2.3	2.3	3.5	

Manual Integrations
APPROVED

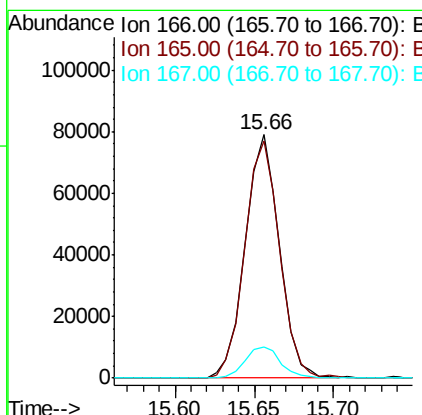
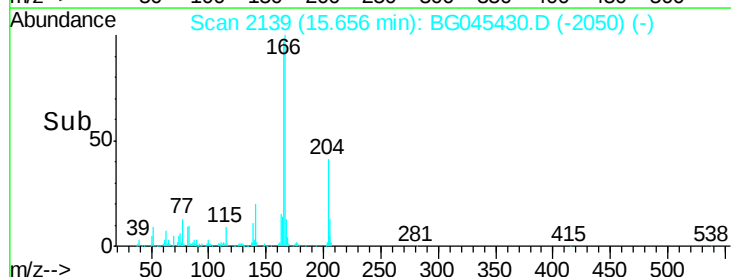
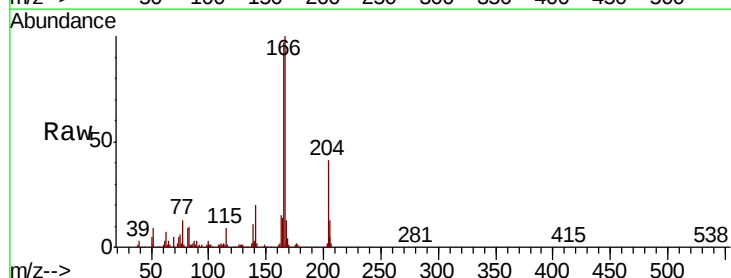
mohammad

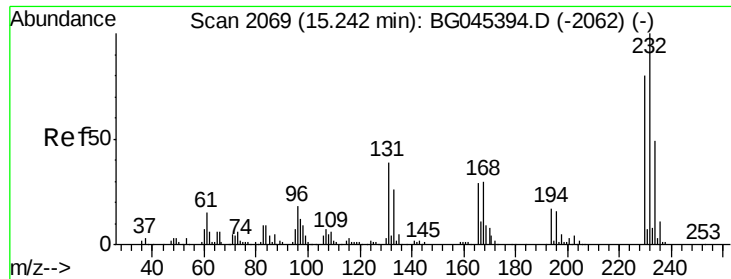
5/20/2020 1:20:04 PM



#58
Fluorene
Concen: 6.661 ng
RT: 15.66 min Scan# 2139
Delta R.T. -0.01 min
Lab File: BG045430.D
Acq: 19 May 2020 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	97.3	80.8	121.2	
167	12.7	12.0	18.0	





#59
2,3,4,6-Tetrachlorophenol
Concen: 5.519 ng
RT: 15.25 min Scan# 2070
Delta R.T. -0.01 min
Lab File: BG045430.D
Acq: 19 May 2020 18:45

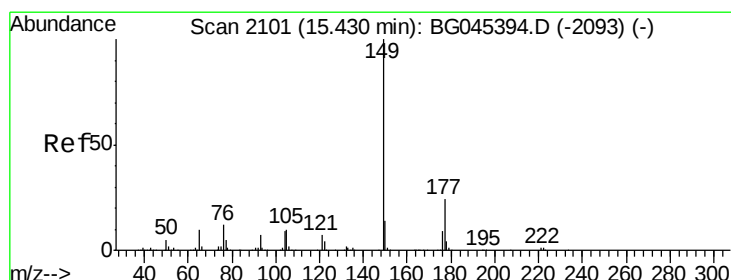
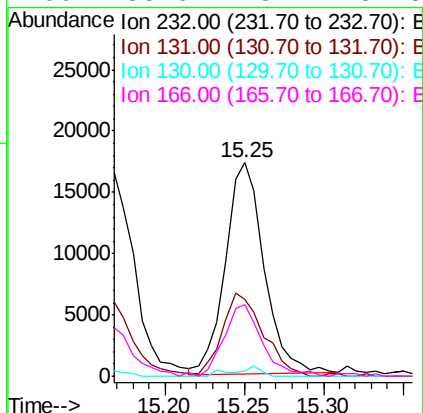
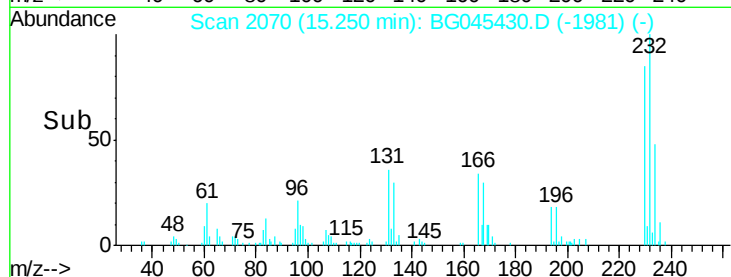
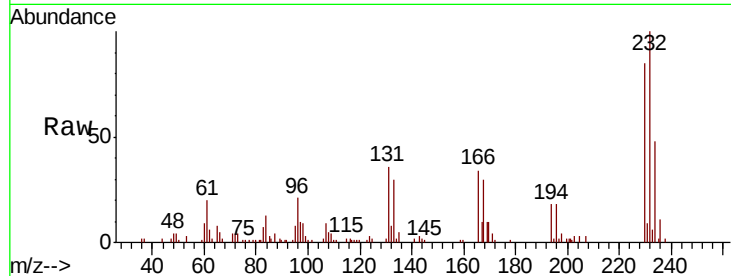
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
232	100		
131	41.7	33.7	50.5
130	3.1	2.1	3.1
166	33.6	23.2	34.8

Manual Integrations
APPROVED

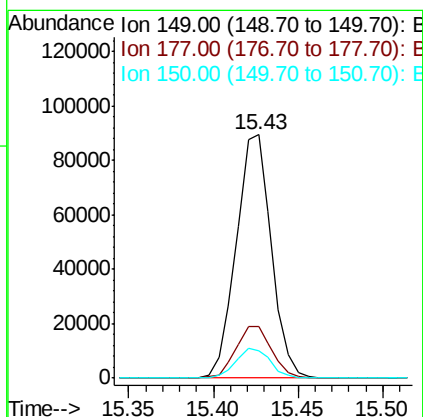
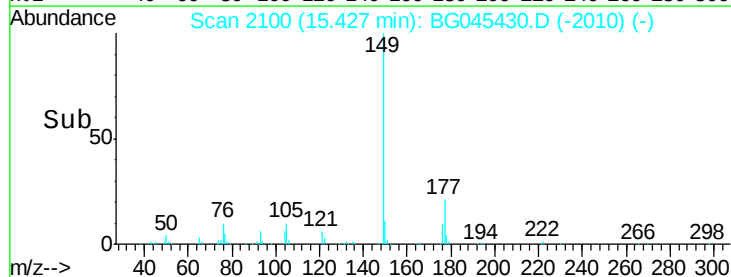
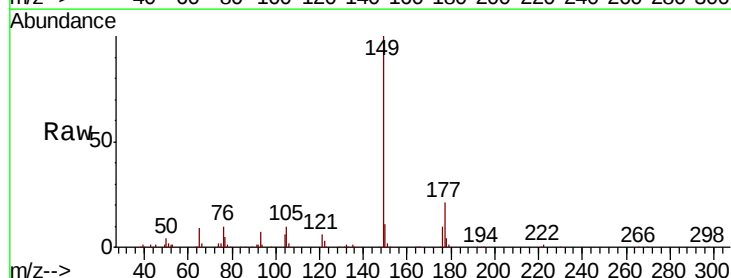
mohammad

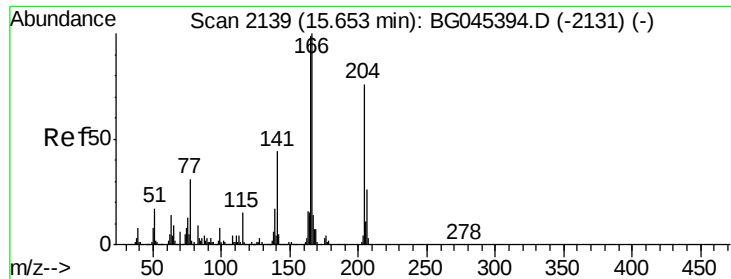
5/20/2020 1:20:04 PM



#60
Diethylphthalate
Concen: 6.675 ng
RT: 15.43 min Scan# 2100
Delta R.T. -0.00 min
Lab File: BG045430.D
Acq: 19 May 2020 18:45

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.4	19.0	28.4
150	11.4	11.4	17.0





#61
4-Chlorophenyl-phenylether
Concen: 6.387 ng
RT: 15.64 min Scan# 2137
Delta R.T. -0.01 min
Lab File: BG045430.D
Acq: 19 May 2020 18:45

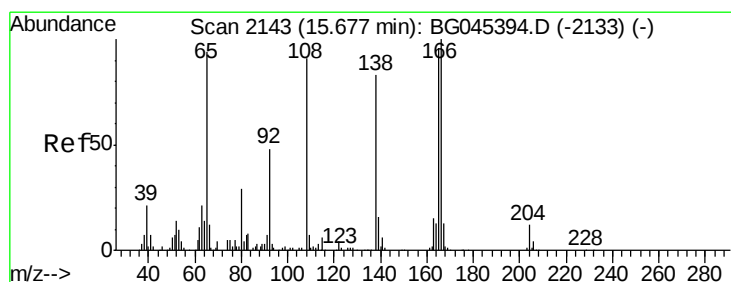
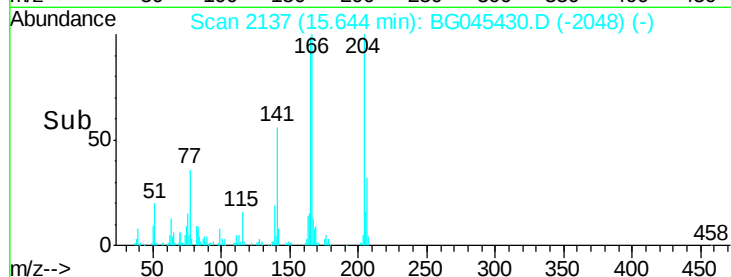
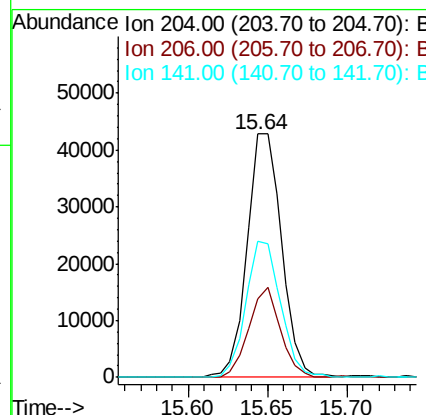
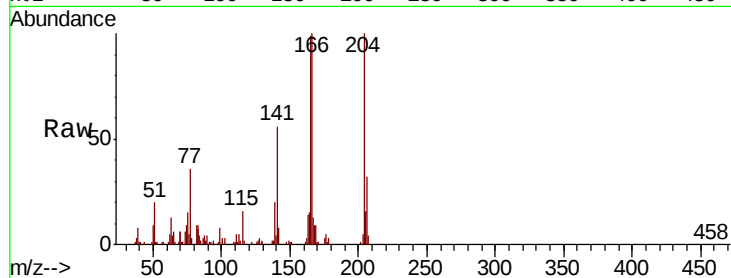
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.1	27.3	40.9
141	56.1	45.9	68.9

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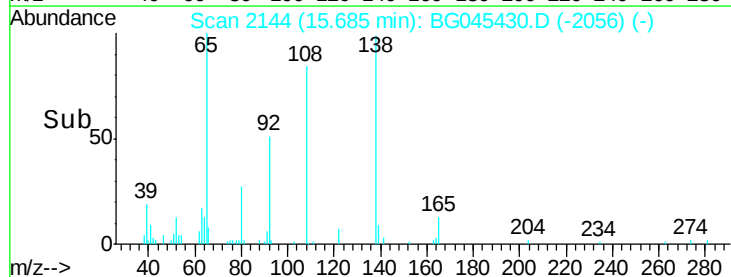
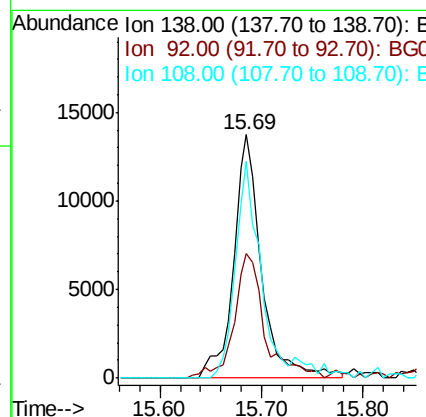
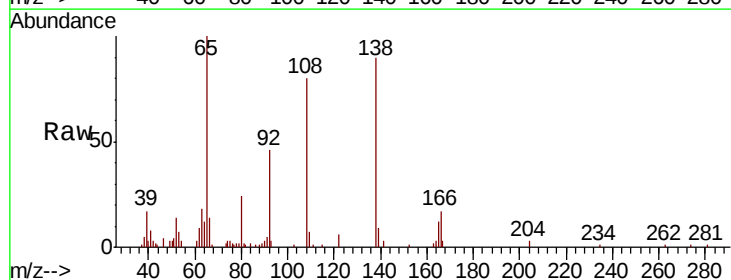
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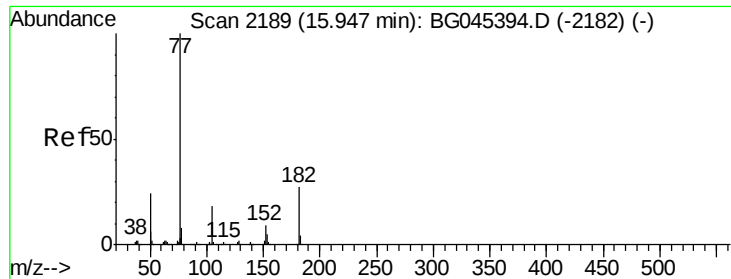
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#62
4-Nitroaniline
Concen: 5.893 ng
RT: 15.69 min Scan# 2144
Delta R.T. -0.01 min
Lab File: BG045430.D
Acq: 19 May 2020 18:45

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.3	38.0	78.0
108	89.0	89.3	129.3#





#63
Azobenzene
Concen: 6.502 ng
RT: 15.94 min Scan# 2188
Delta R.T. -0.00 min
Lab File: BG045430.D
Acq: 19 May 2020 18:45

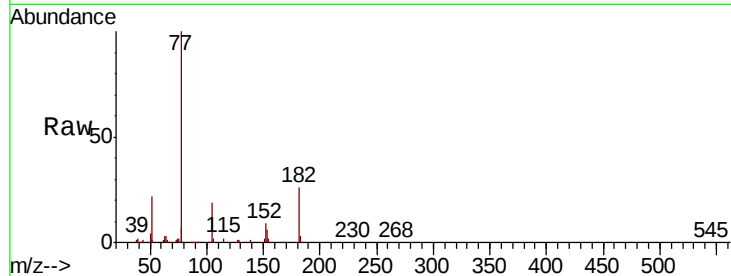
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion:	77	Resp:	117292
Ion Ratio	Lower	Upper	
77	100		
182	25.5	6.5	46.5
105	18.9	0.0	37.9
51	22.4	4.1	44.1

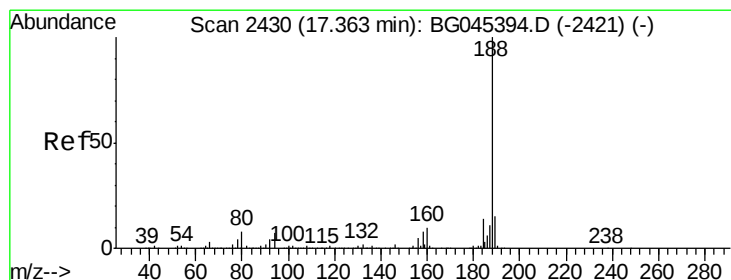
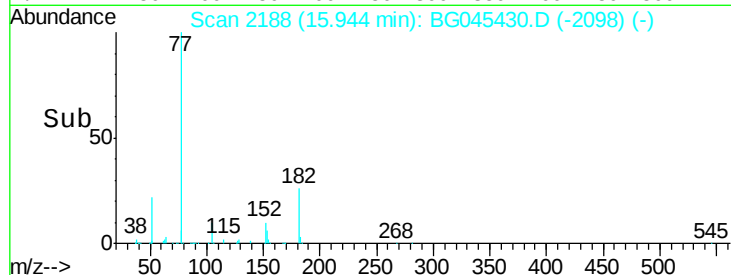
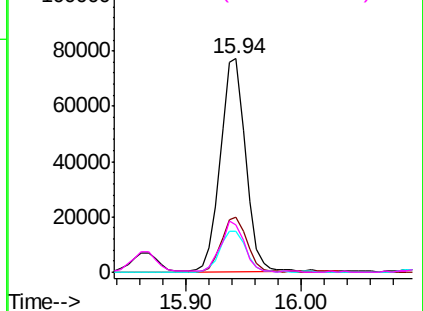
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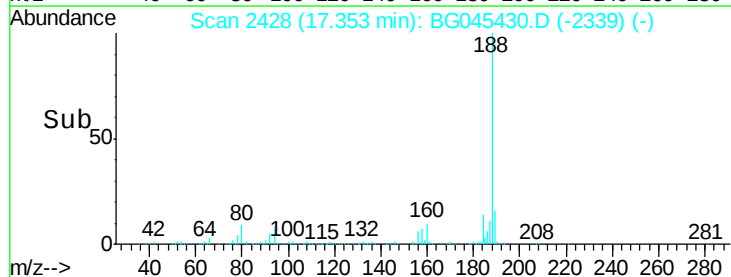
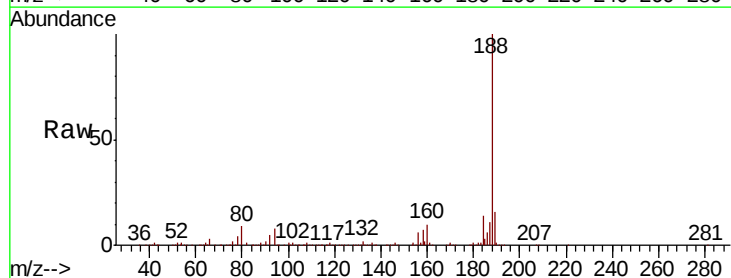
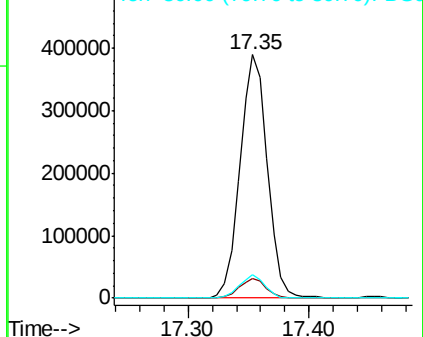
Abundance Ion 77.00 (76.70 to 77.70): BGC
120000
Ion 182.00 (181.70 to 182.70): BGC
100000
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

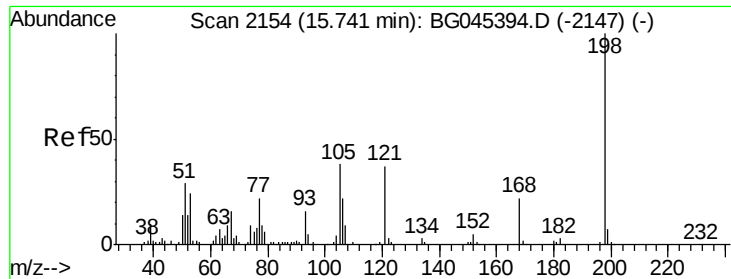


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.35 min Scan# 2428
Delta R.T. -0.01 min
Lab File: BG045430.D
Acq: 19 May 2020 18:45

Tgt Ion:	188	Resp:	614385
Ion Ratio	Lower	Upper	
188	100		
94	8.0	5.5	8.3
80	9.4	6.6	10.0

Abundance Ion 188.00 (187.70 to 188.70): BGC
500000
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: 4.322 ng

RT: 15.74 min Scan# 2153

Delta R.T. -0.01 min

Lab File: BG045430.D

Acq: 19 May 2020 18:45

Instrument :

BNA_G

ClientSampleId :

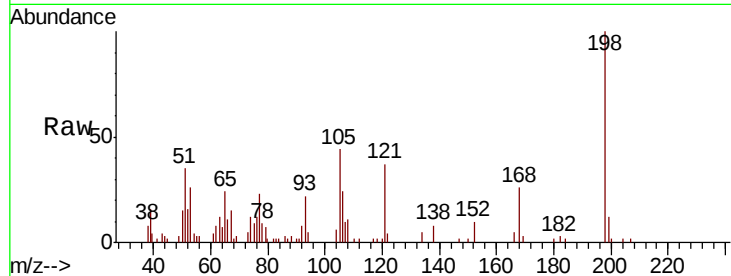
LOD-MDL-WATER-01-QT2-2020

Tot Ion:	198	Resp:	15465
Ion Ratio	Lower	Upper	
198	100		
51	35.3	10.0	50.0
105	44.3	18.9	58.9

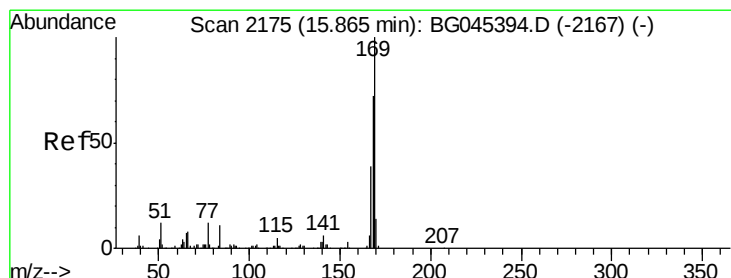
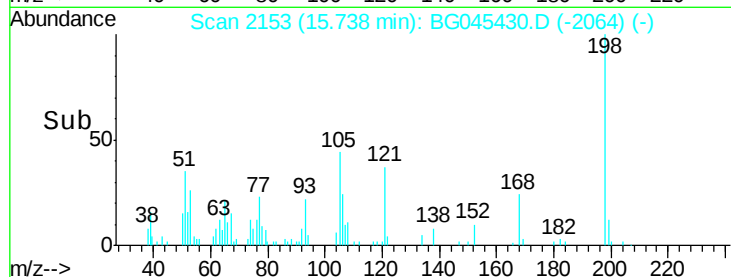
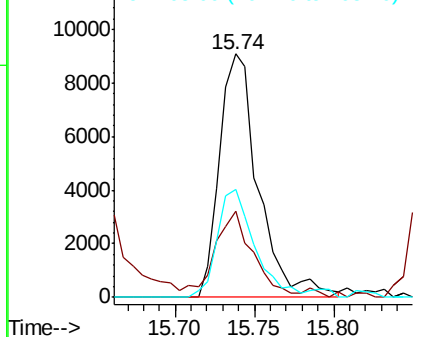
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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 7.182 ng

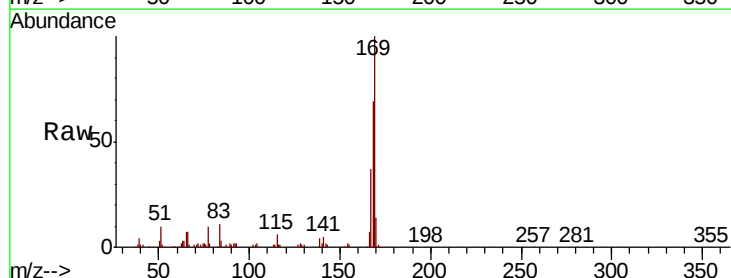
RT: 15.87 min Scan# 2175

Delta R.T. -0.01 min

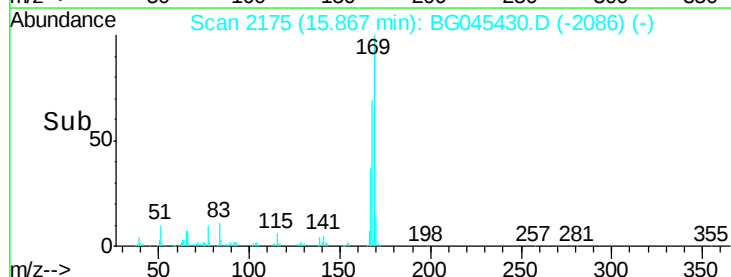
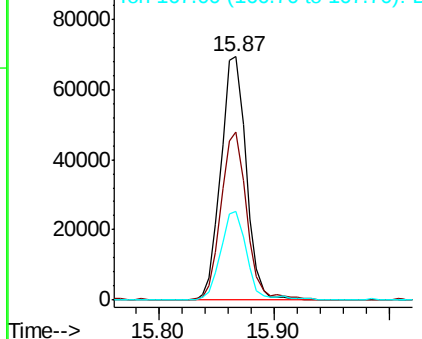
Lab File: BG045430.D

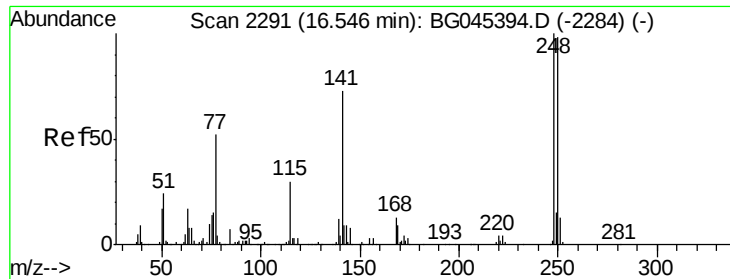
Acq: 19 May 2020 18:45

Tgt Ion:	169	Resp:	105950
Ion Ratio	Lower	Upper	
169	100		
168	69.2	57.8	86.6
167	36.6	31.5	47.3



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





#67
4-Bromophenyl-phenylether
Concen: 6.453 ng
RT: 16.54 min Scan# 2290
Delta R.T. -0.01 min
Lab File: BG045430.D
Acq: 19 May 2020 18:45

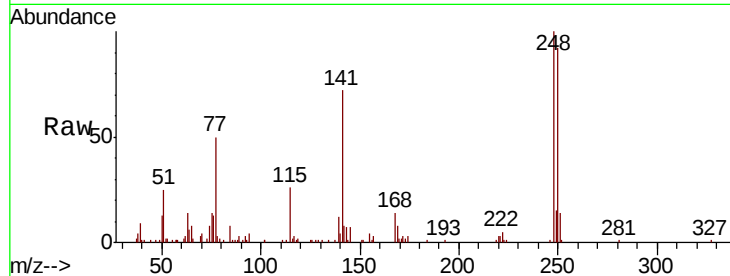
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
248	100		
250	92.0	78.6	117.8
141	71.6	58.2	87.2

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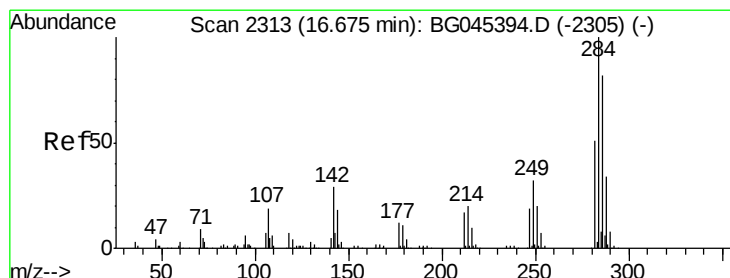
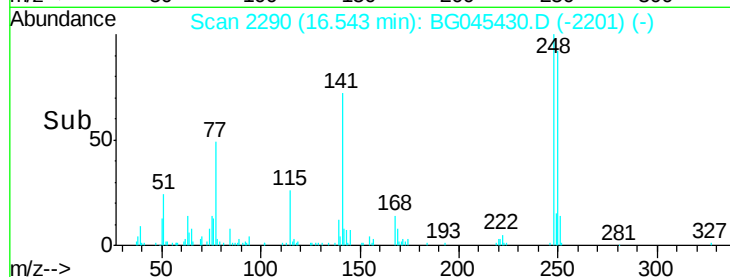
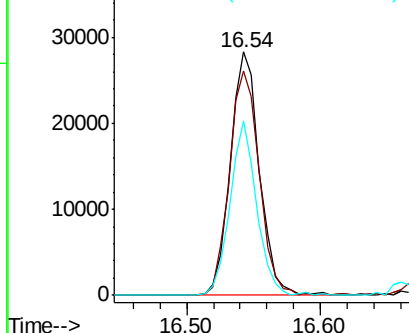


Abundance

Ion 248.00 (247.70 to 248.70): E

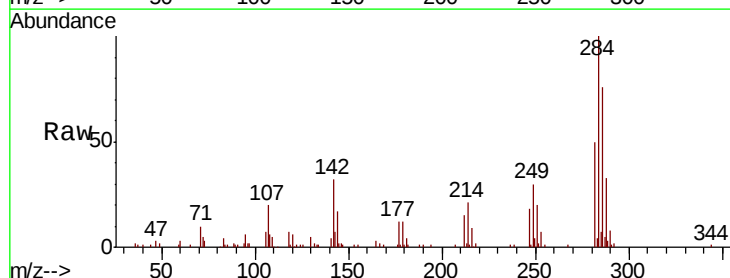
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 6.931 ng
RT: 16.67 min Scan# 2311
Delta R.T. -0.01 min
Lab File: BG045430.D
Acq: 19 May 2020 18:45

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.9	23.0	34.6
249	30.1	25.8	38.6

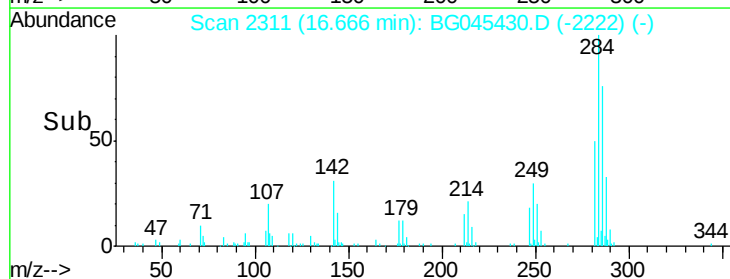
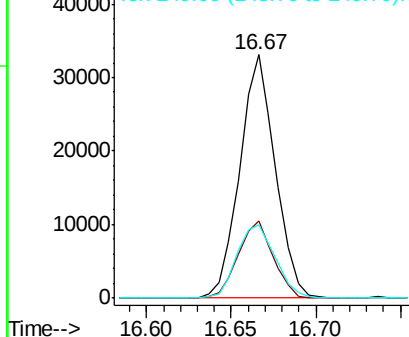


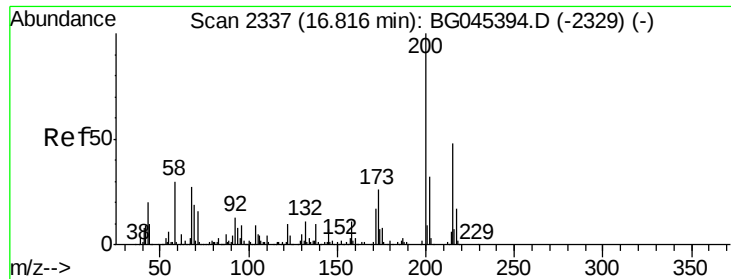
Abundance

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: 6.630 ng
RT: 16.81 min Scan# 2336
Delta R.T. -0.01 min
Lab File: BG045430.D
Acq: 19 May 2020 18:45

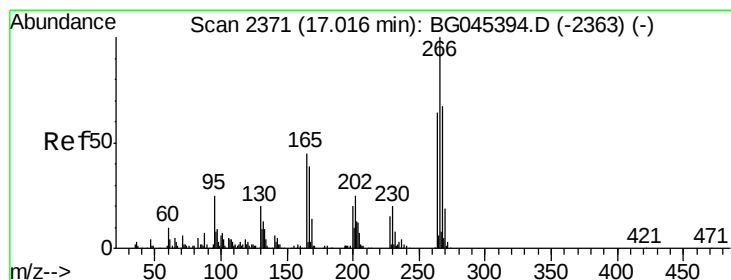
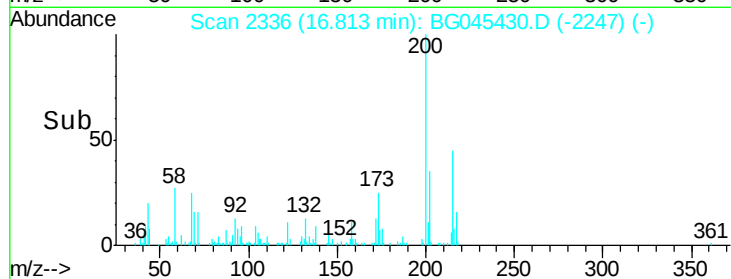
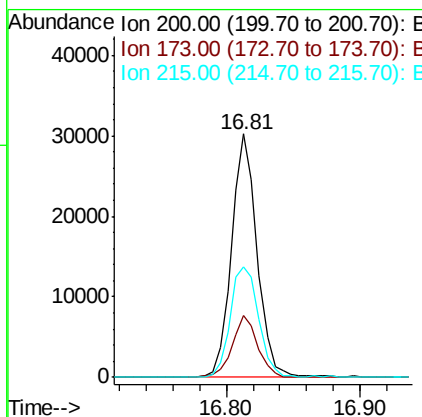
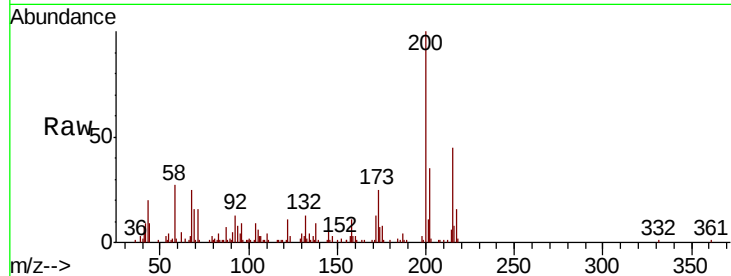
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ratio	Resp	Lower	Upper
200	100			
173	25.2	5.5	45.5	
215	45.3	28.2	68.2	

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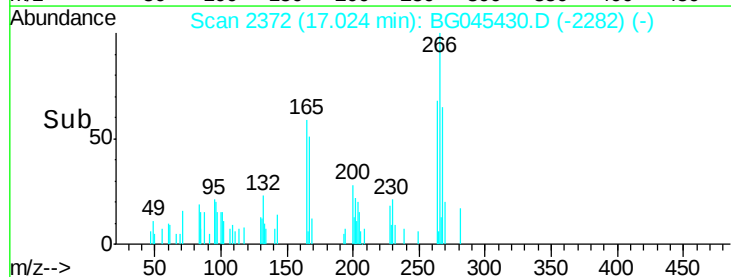
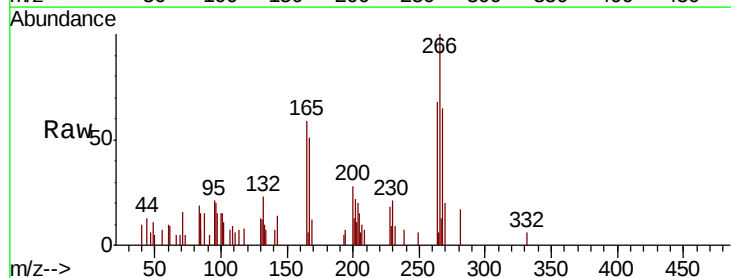
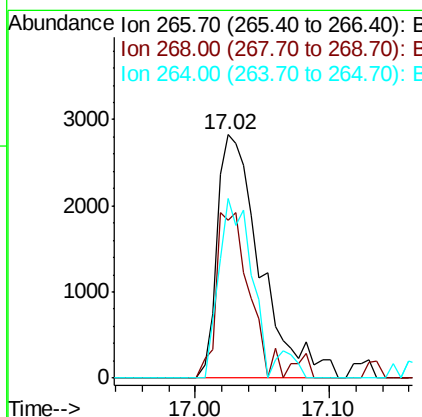
mohammad

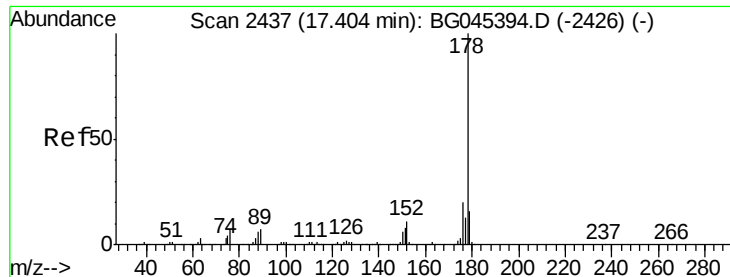
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#70
Pentachlorophenol
Concen: 1.774 ng
RT: 17.02 min Scan# 2372
Delta R.T. -0.00 min
Lab File: BG045430.D
Acq: 19 May 2020 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
266	100			
268	64.7	53.2	79.8	
264	73.9	51.0	76.4	





#71

Phenanthrene

Concen: 7.299 ng

RT: 17.39 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG045430.D

Acq: 19 May 2020 18:45

Instrument :

BNA_G

ClientSampleId :

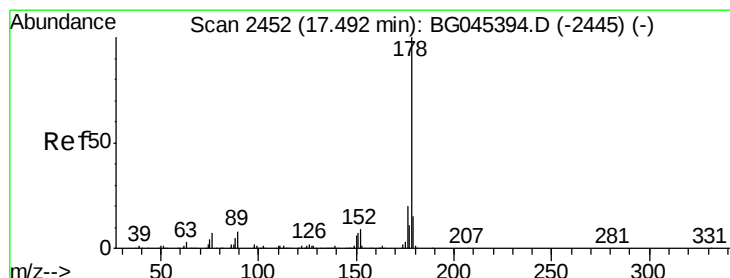
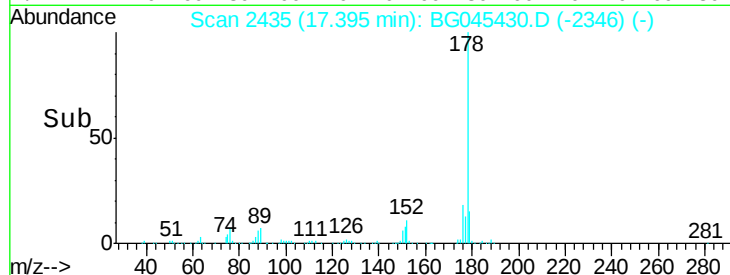
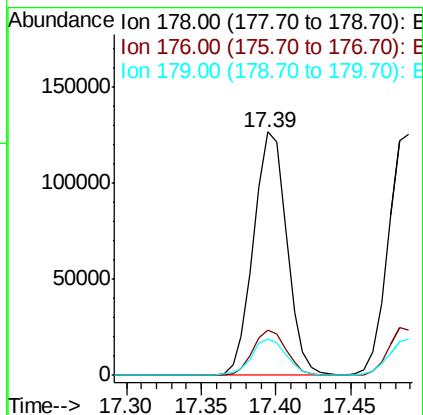
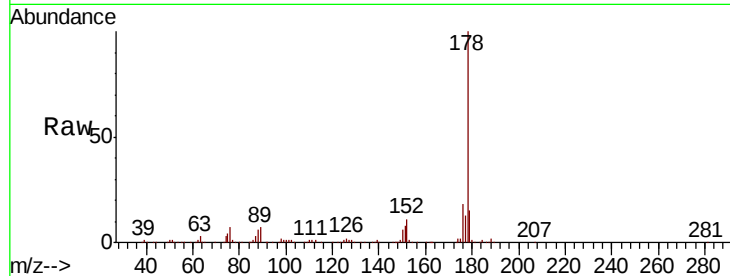
LOD-MDL-WATER-01-QT2-2020

Tot Ion:	178	Resp:	195780
Ion Ratio	Lower	Upper	
178	100		
176	18.5	16.2	24.4
179	15.1	13.1	19.7

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#72

Anthracene

Concen: 7.540 ng

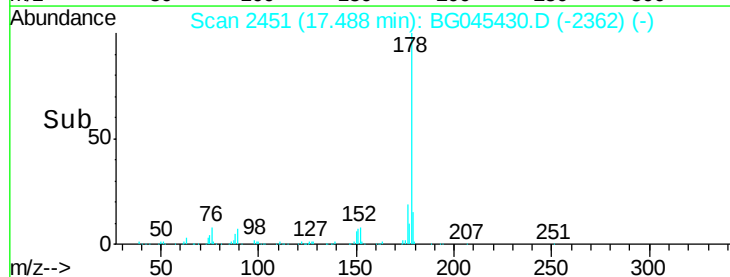
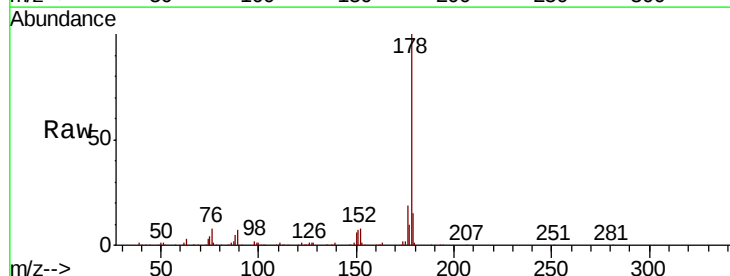
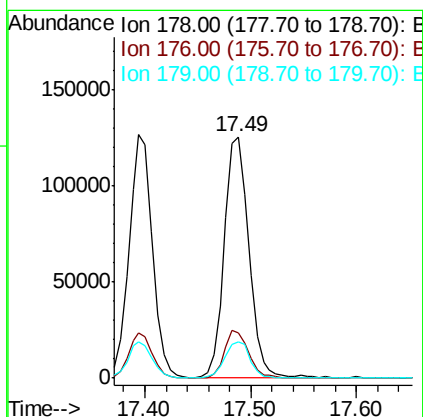
RT: 17.49 min Scan# 2451

Delta R.T. -0.01 min

Lab File: BG045430.D

Acq: 19 May 2020 18:45

Tgt Ion:	178	Resp:	203102
Ion Ratio	Lower	Upper	
178	100		
176	18.6	15.8	23.6
179	14.9	12.2	18.4





#73
 Carbazole
 Concen: 6.955 ng
 RT: 17.76 min Scan# 2498
 Delta R.T. -0.01 min
 Lab File: BG045430.D
 Acq: 19 May 2020 18:45

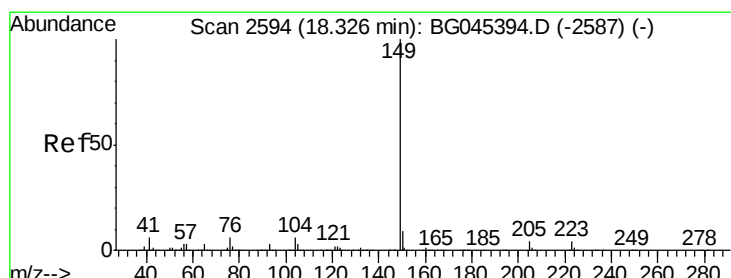
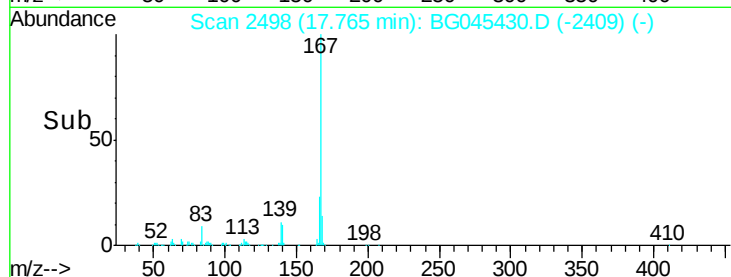
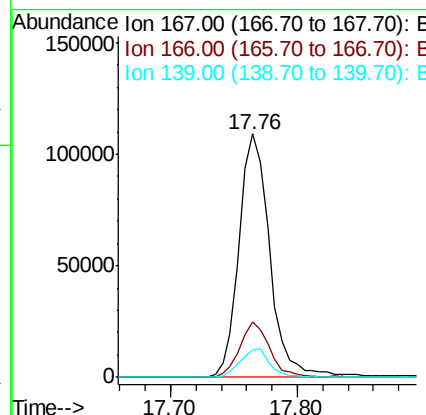
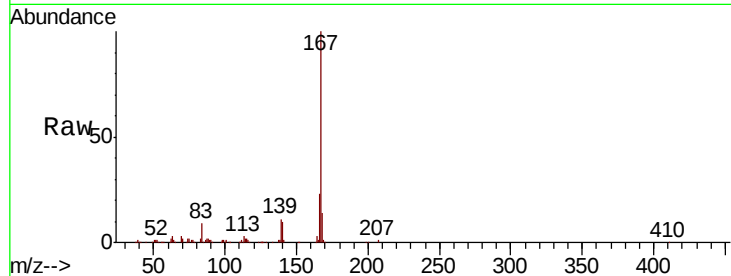
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

Tot Ion:	167	Resp:	182612
Ion Ratio	Lower	Upper	
167	100		
166	22.8	19.2	28.8
139	11.3	10.6	16.0

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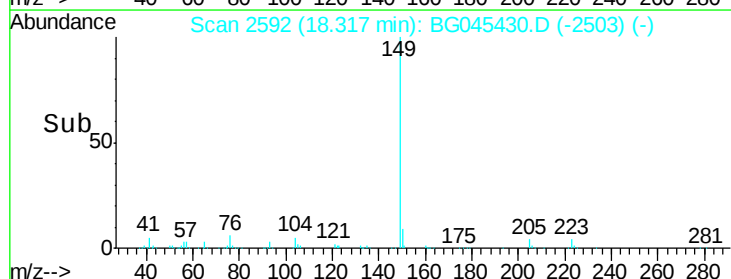
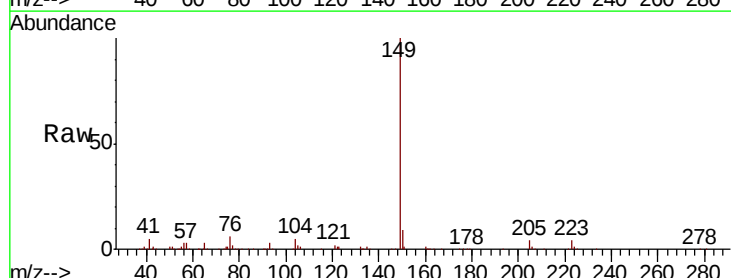
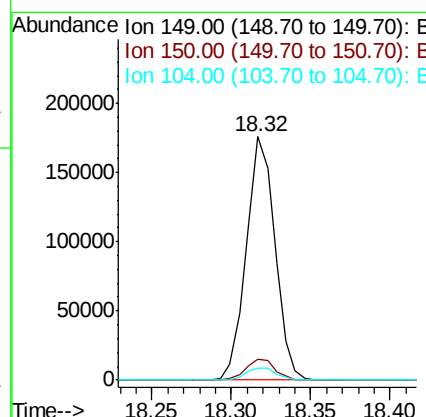
mohammad

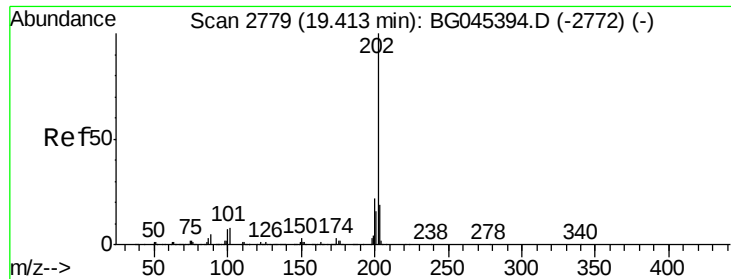
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#74
 Di-n-butylphthalate
 Concen: 7.021 ng
 RT: 18.32 min Scan# 2592
 Delta R.T. -0.01 min
 Lab File: BG045430.D
 Acq: 19 May 2020 18:45

Tgt Ion:	149	Resp:	221250
Ion Ratio	Lower	Upper	
149	100		
150	8.7	7.6	11.4
104	5.0	5.0	7.4





#75
 Fluoranthene
 Concen: 7.316 ng
 RT: 19.40 min Scan# 2777
 Delta R.T. -0.01 min
 Lab File: BG045430.D
 Acq: 19 May 2020 18:45

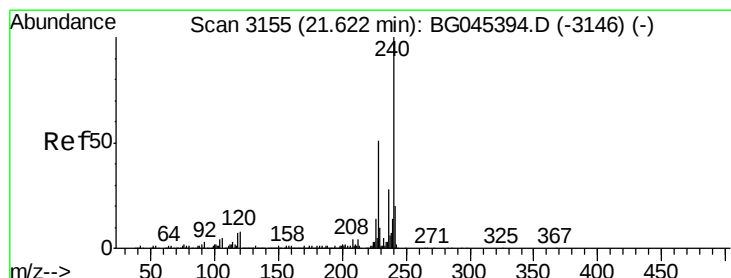
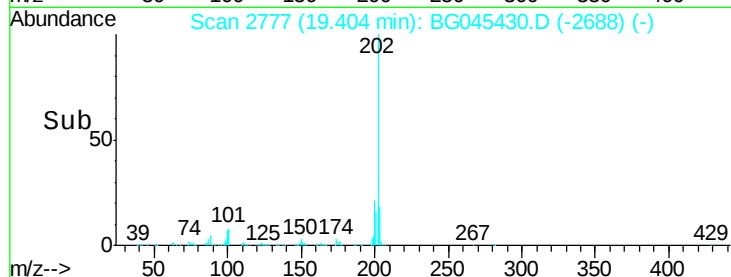
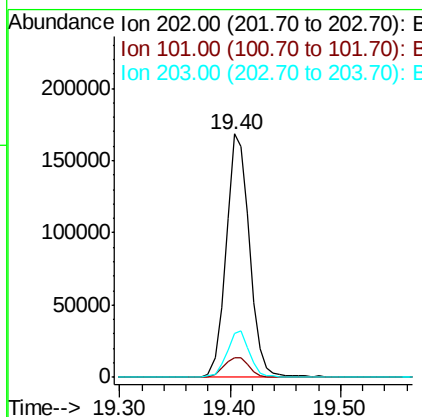
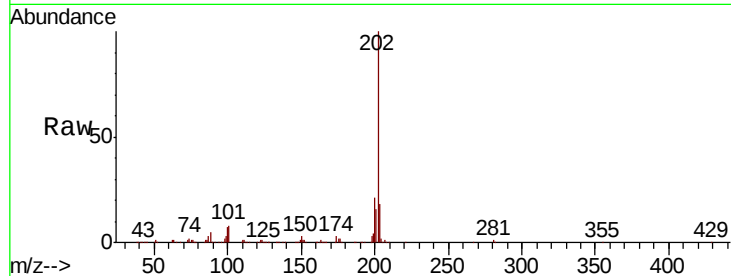
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		249595		
101	7.8	0.0	28.3		
203	17.8	0.0	39.0		

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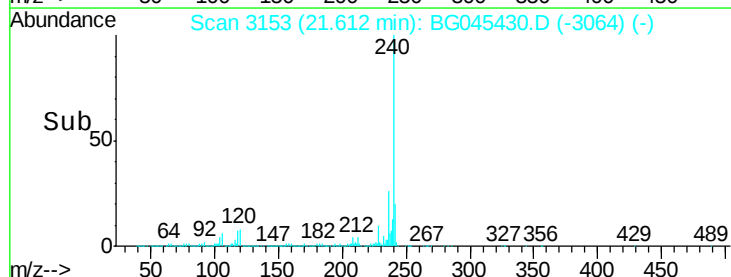
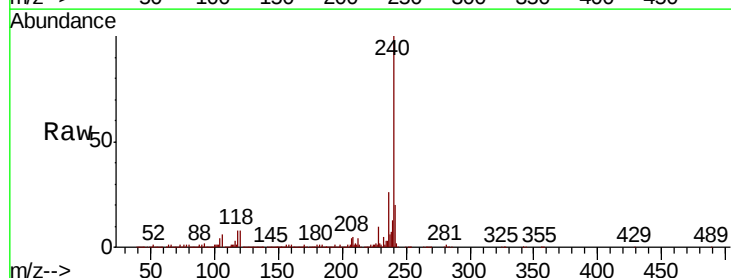
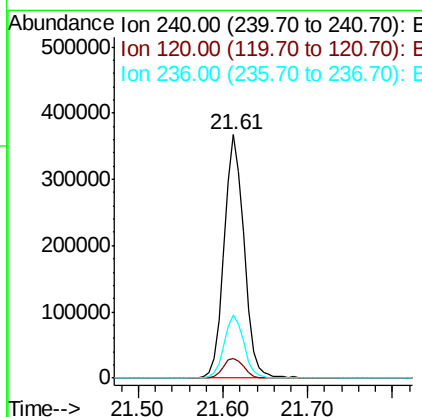
mohammad

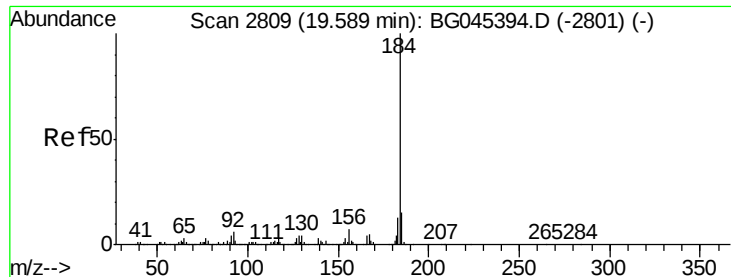
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.61 min Scan# 3153
 Delta R.T. -0.01 min
 Lab File: BG045430.D
 Acq: 19 May 2020 18:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		597830		
120	8.0	6.1	9.1		
236	25.9	22.3	33.5		





#77

Benzidine

Concen: 6.467 ng

RT: 19.59 min Scan# 2809

Delta R.T. -0.00 min

Lab File: BG045430.D

Acq: 19 May 2020 18:45

Instrument :

BNA_G

ClientSampleId :

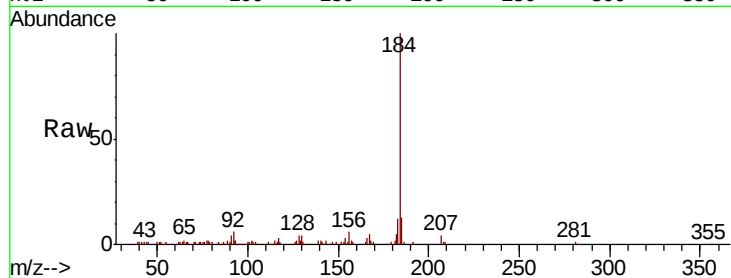
LOD-MDL-WATER-01-QT2-2020

Tot Ion:	184	Resp:	108581
Ion Ratio	Lower	Upper	
184	100		
185	13.4	11.7	17.5
183	12.3	10.2	15.4

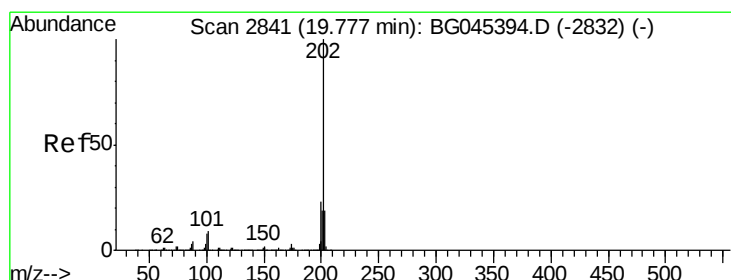
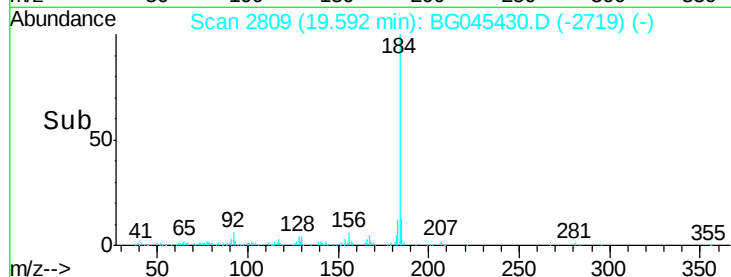
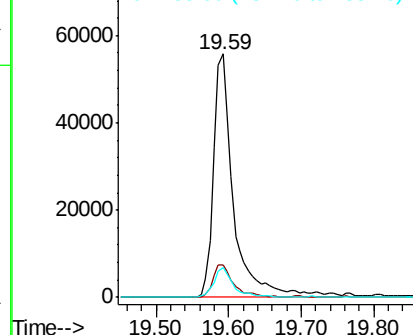
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 7.405 ng

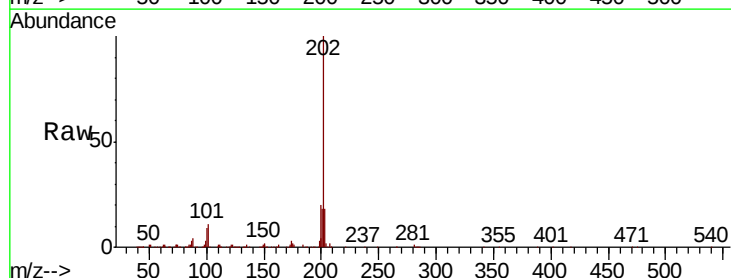
RT: 19.77 min Scan# 2839

Delta R.T. -0.01 min

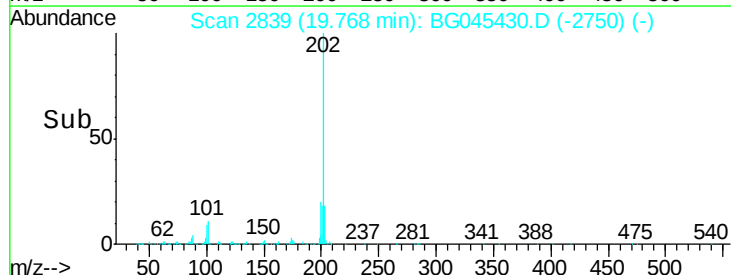
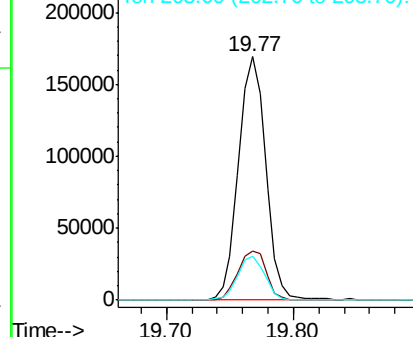
Lab File: BG045430.D

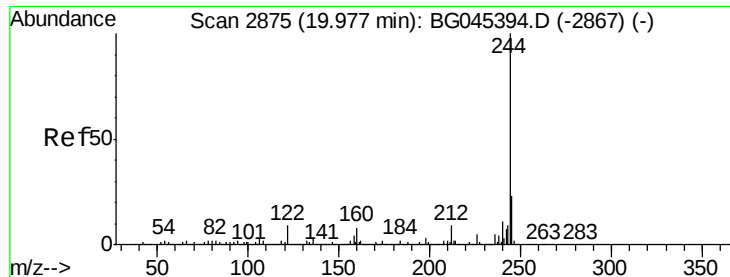
Acq: 19 May 2020 18:45

Tgt Ion:	202	Resp:	252354
Ion Ratio	Lower	Upper	
202	100		
200	20.3	18.2	27.2
203	17.9	15.1	22.7



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





#79

Terphenyl-d14

Concen: 84.358 ng

RT: 19.97 min Scan# 2873

Delta R.T. -0.01 min

Lab File: BG045430.D

Acq: 19 May 2020 18:45

Instrument :

BNA_G

ClientSampleId :

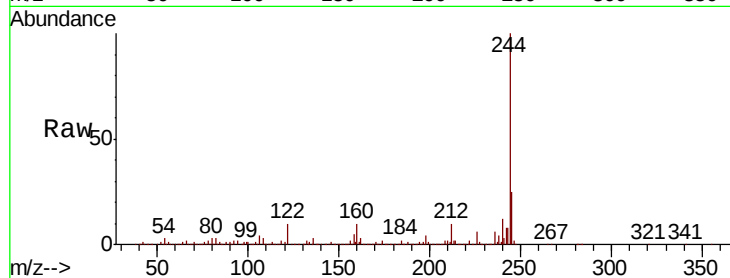
LOD-MDL-WATER-01-QT2-2020

Tot Ion:	244	Resp:	2162317
Ion	Ratio	Lower	Upper
244	100		
212	9.9	7.4	11.0
122	10.5	6.8	10.2

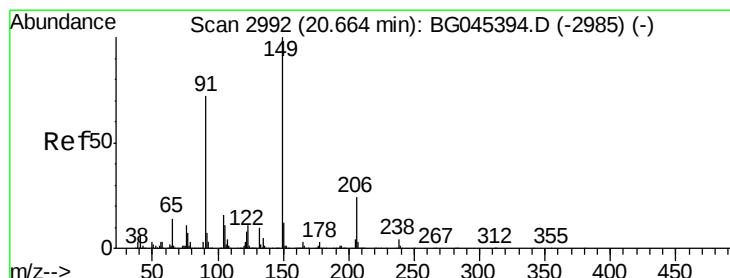
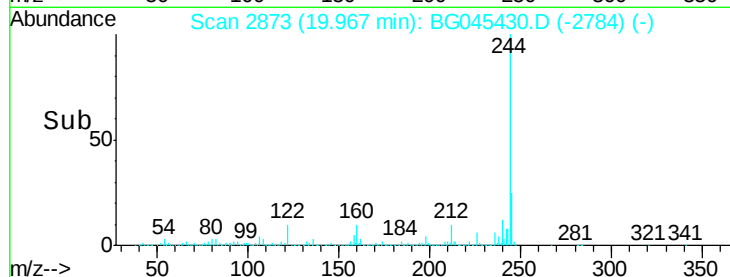
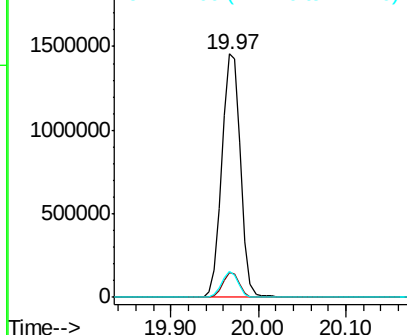
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Abundance Ion 244.00 (243.70 to 244.70): E
2000000
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 6.664 ng

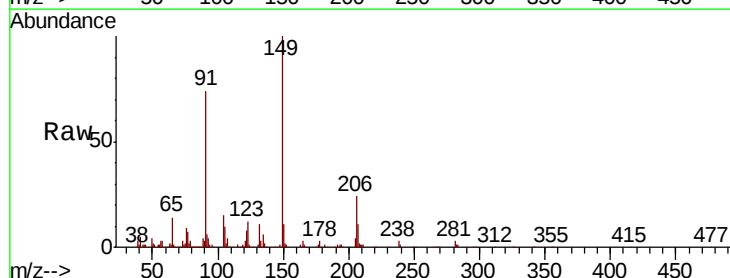
RT: 20.65 min Scan# 2990

Delta R.T. -0.01 min

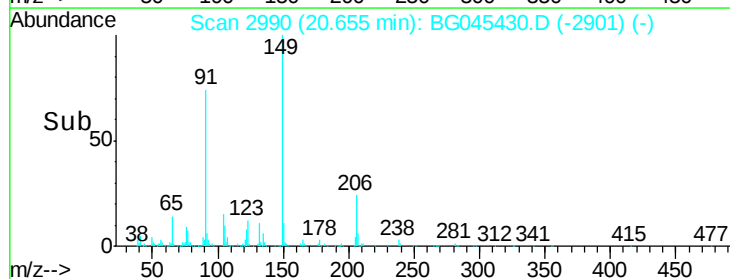
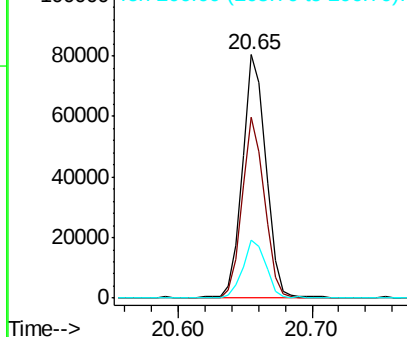
Lab File: BG045430.D

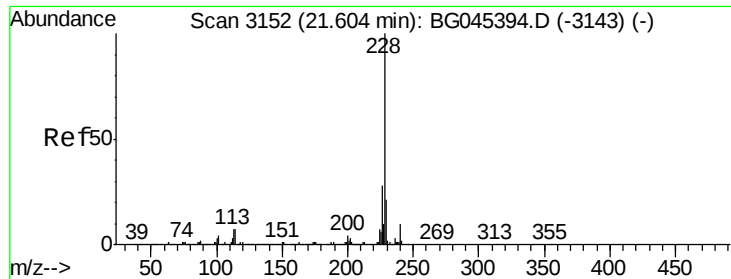
Acq: 19 May 2020 18:45

Tgt Ion:	149	Resp:	98024
Ion	Ratio	Lower	Upper
149	100		
91	74.3	57.8	86.6
206	23.6	19.1	28.7



Abundance Ion 149.00 (148.70 to 149.70): E
100000
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E





#81
Benzo(a)anthracene
Concen: 7.214 ng
RT: 21.59 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BG045430.D
Acq: 19 May 2020 18:45

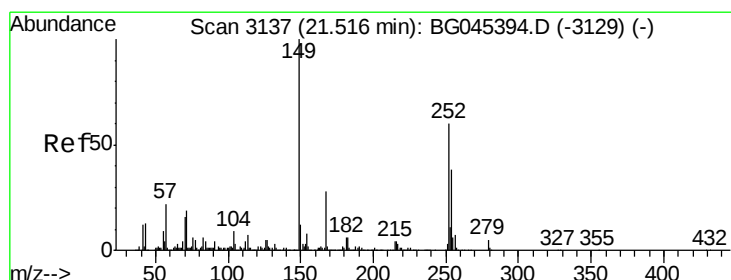
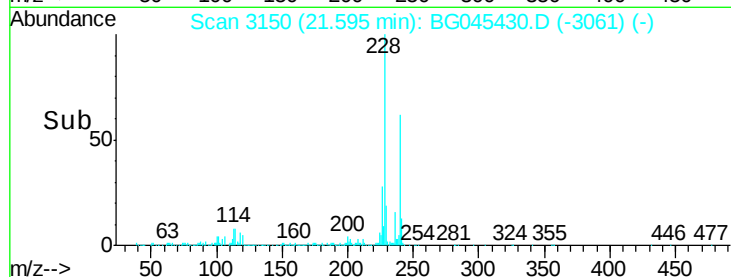
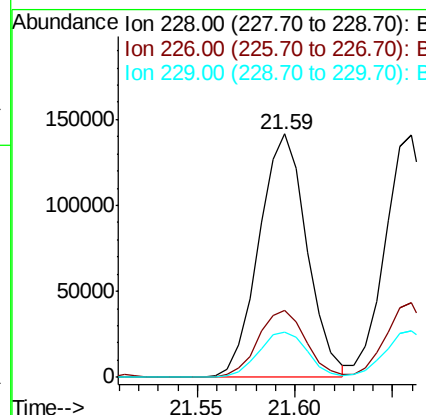
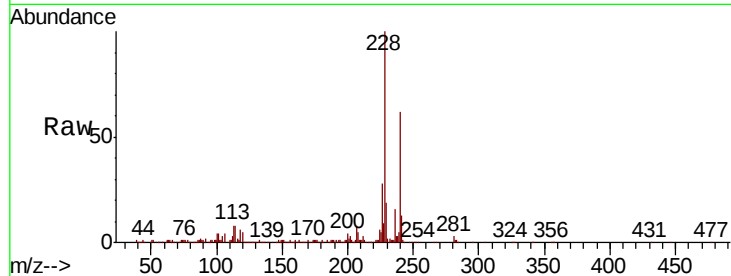
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.7	34.1
229	18.5	16.7	25.1

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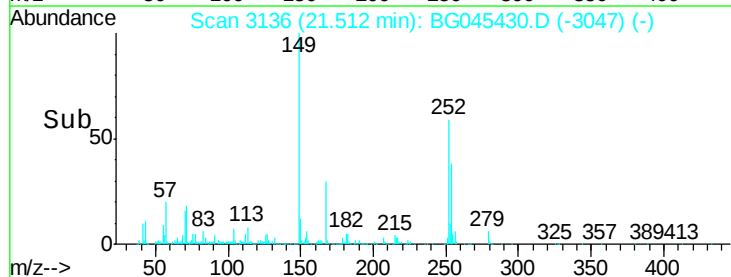
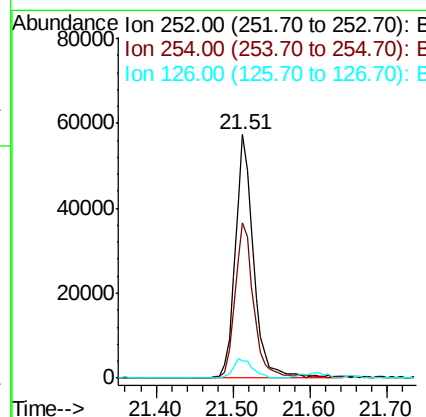
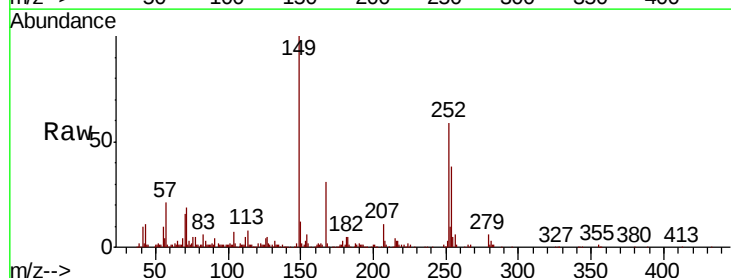
mohammad

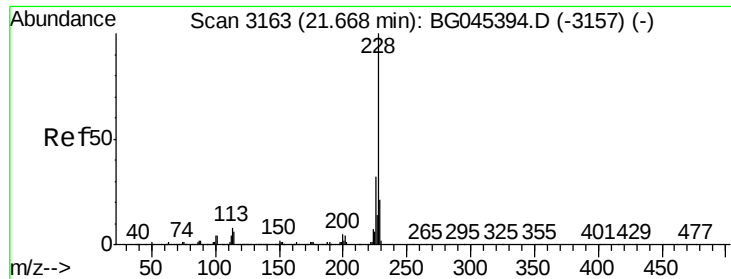
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#82
3,3'-Dichlorobenzidine
Concen: 7.310 ng
RT: 21.51 min Scan# 3136
Delta R.T. -0.01 min
Lab File: BG045430.D
Acq: 19 May 2020 18:45

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.7	51.3	76.9
126	7.3	6.6	10.0





#83
 Chrysene
 Concen: 7.321 ng
 RT: 21.66 min Scan# 3161
 Delta R.T. -0.01 min
 Lab File: BG045430.D
 Acq: 19 May 2020 18:45

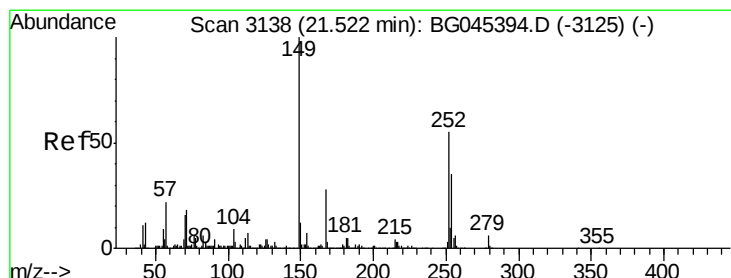
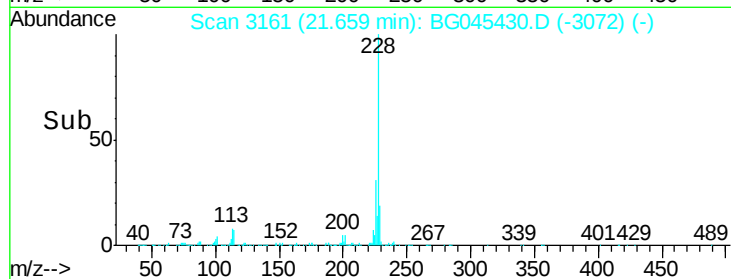
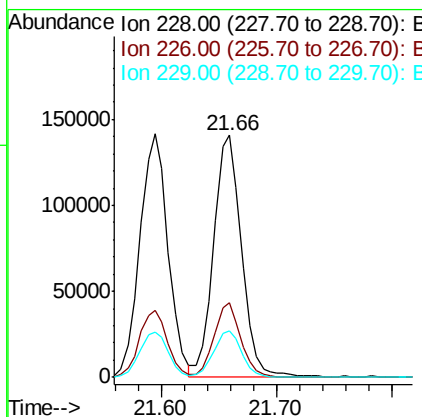
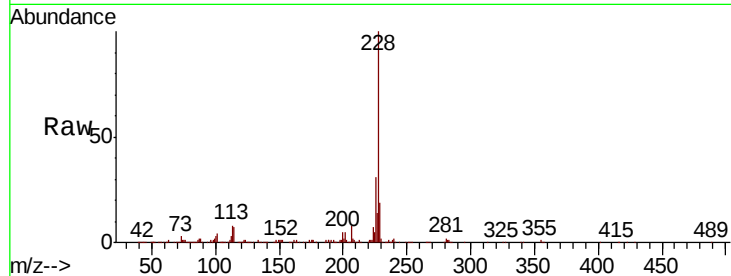
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

Tot Ion:	228	Resp:	234421
Ion Ratio	Lower	Upper	
228	100		
226	30.7	25.2	37.8
229	19.4	16.7	25.1

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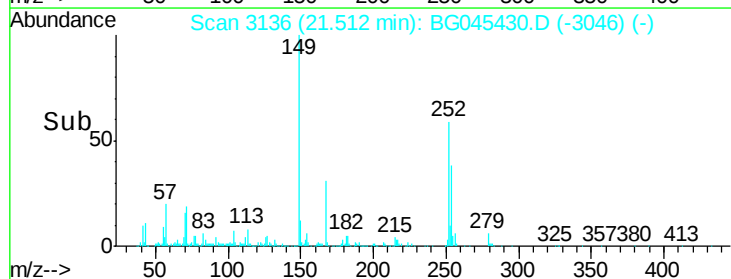
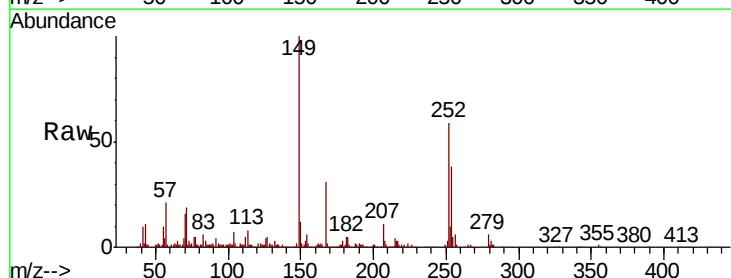
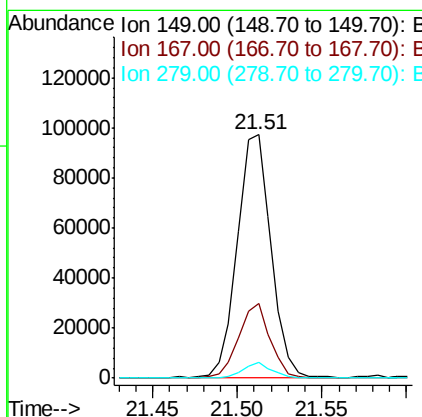
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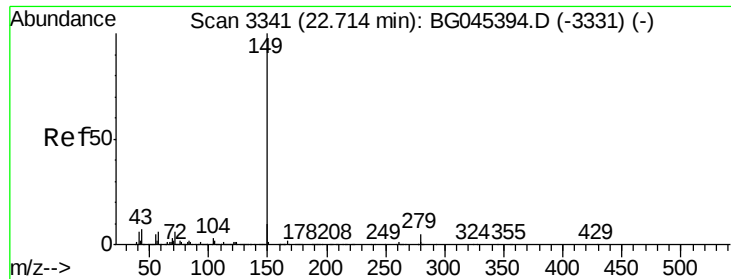
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 6.707 ng
 RT: 21.51 min Scan# 3136
 Delta R.T. -0.00 min
 Lab File: BG045430.D
 Acq: 19 May 2020 18:45

Tgt Ion:	149	Resp:	135622
Ion Ratio	Lower	Upper	
149	100		
167	30.6	22.2	33.2
279	6.4	4.7	7.1





#85
Di-n-octyl phthalate
Concen: 6.748 ng
RT: 22.70 min Scan# 3338
Delta R.T. -0.01 min
Lab File: BG045430.D
Acq: 19 May 2020 18:45

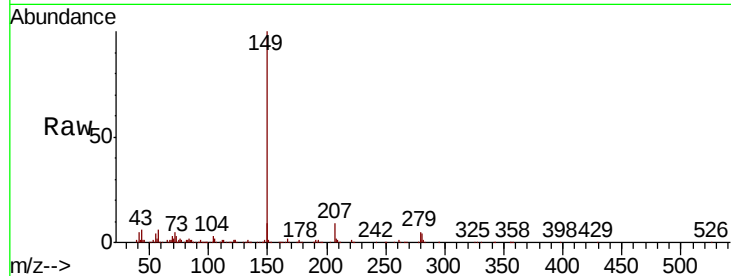
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
149	100		
167	2.0	1.4	2.0
43	7.1	5.8	8.8

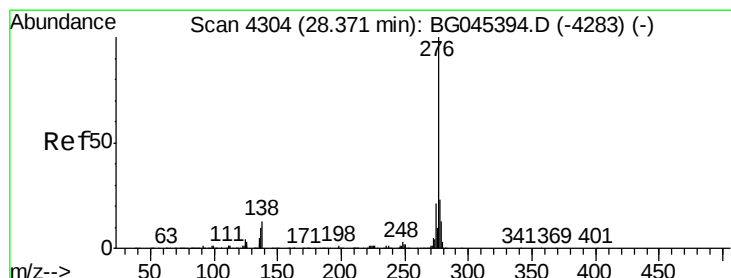
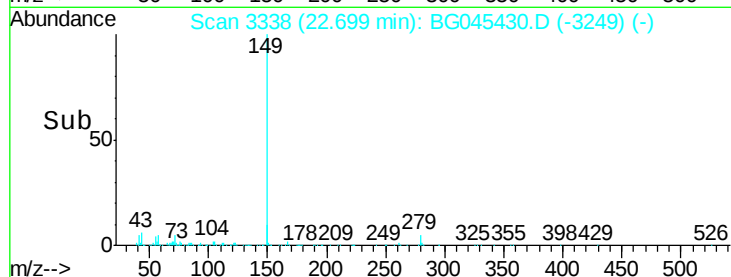
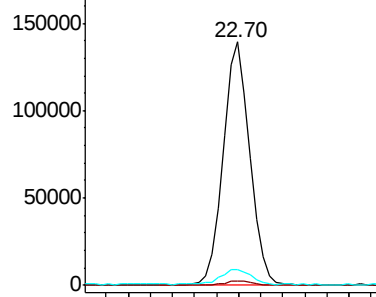
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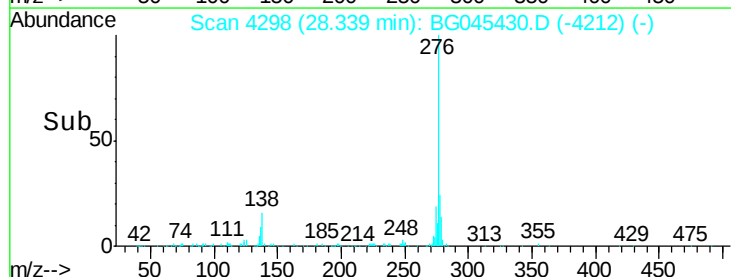
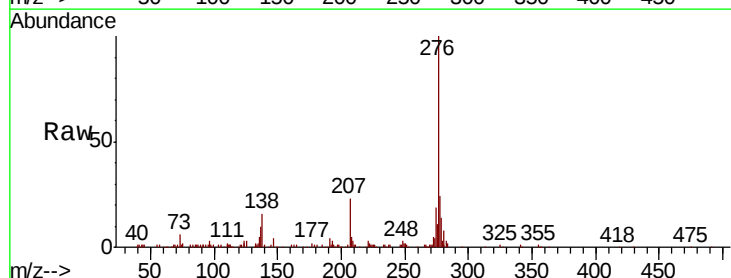
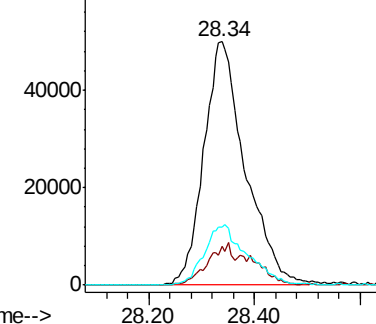
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

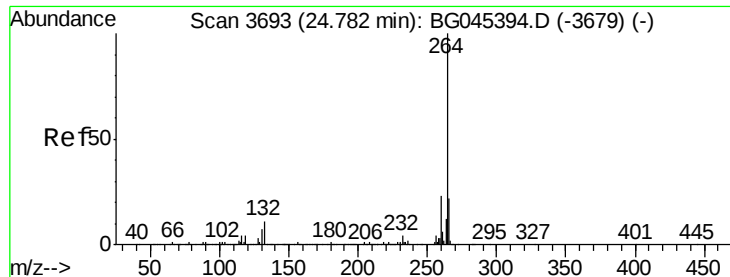


#86
Indeno(1,2,3-cd)pyrene
Concen: 6.489 ng
RT: 28.34 min Scan# 4298
Delta R.T. -0.02 min
Lab File: BG045430.D
Acq: 19 May 2020 18:45

Tgt Ion	Ratio	Lower	Upper
276	100		
138	10.2	8.6	12.8
277	25.4	20.2	30.4

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: 24.77 min Scan# 3690

Delta R.T. -0.01 min

Lab File: BG045430.D

Acq: 19 May 2020 18:45

Instrument :

BNA_G

ClientSampleId :

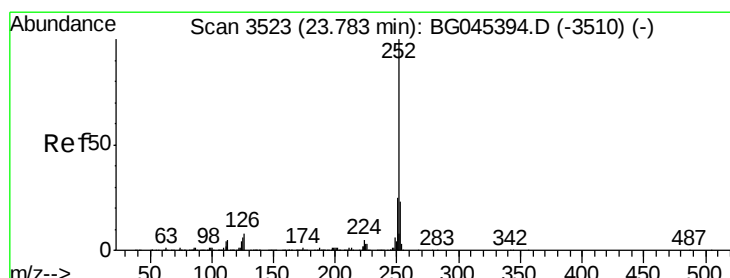
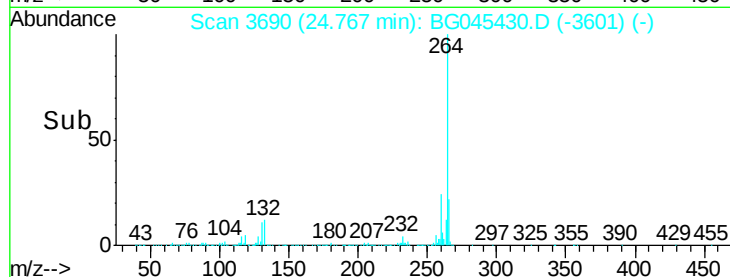
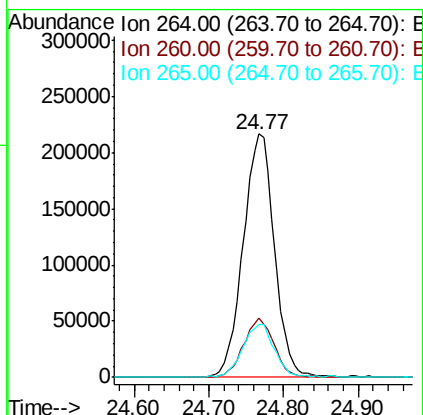
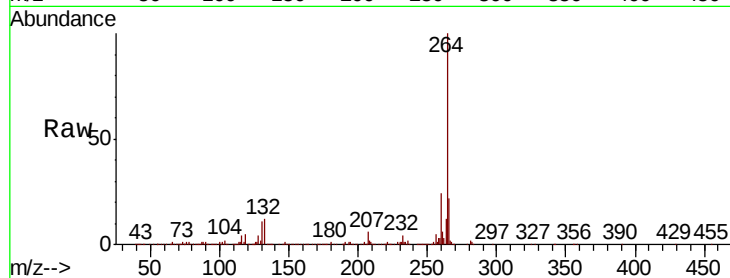
LOD-MDL-WATER-01-QT2-2020

Tot Ion:	264	Resp:	629006
Ion Ratio	Lower	Upper	
264	100		
260	24.2	18.2	27.4
265	21.9	17.6	26.4

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#88

Benzo(b)fluoranthene

Concen: 6.759 ng m

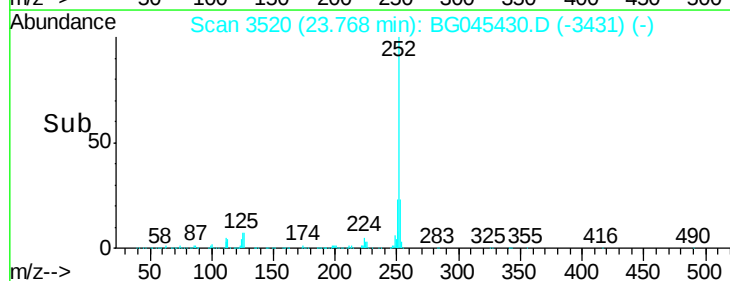
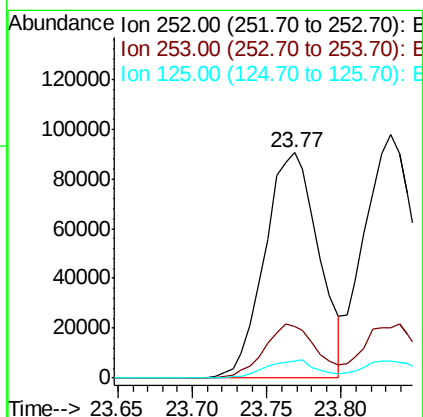
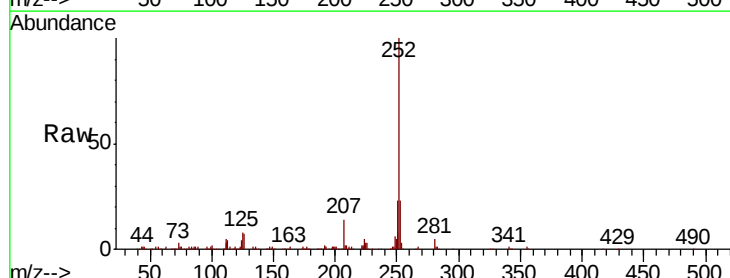
RT: 23.77 min Scan# 3520

Delta R.T. -0.01 min

Lab File: BG045430.D

Acq: 19 May 2020 18:45

Tgt Ion:	252	Resp:	227999
Ion Ratio	Lower	Upper	
252	100		
253	22.8	18.1	27.1
125	7.7	5.0	7.6#





#89

Benzo(k)fluoranthene

Concen: 7.481 ng

RT: 23.83 min Scan# 3531

Delta R.T. -0.01 min

Lab File: BG045430.D

Acq: 19 May 2020 18:45

Instrument :

BNA_G

ClientSampleId :

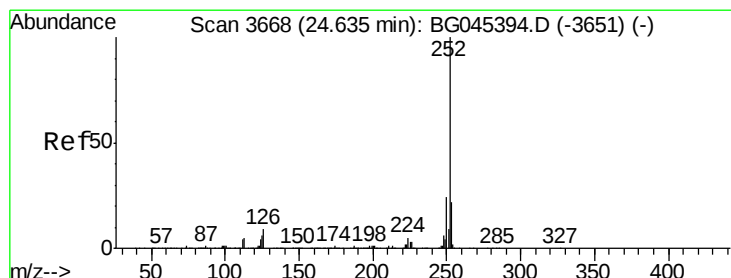
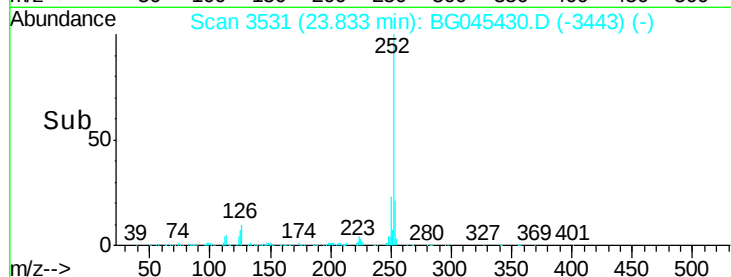
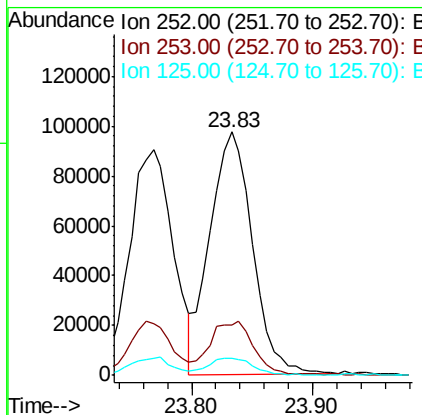
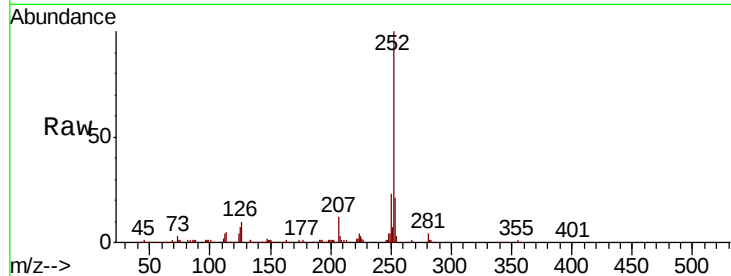
LOD-MDL-WATER-01-QT2-2020

Tot Ion:	252	Resp:	237082
Ion Ratio	Lower	Upper	
252	100		
253	20.8	18.4	27.6
125	6.9	5.7	8.5

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#90

Benzo(a)pyrene

Concen: 6.893 ng

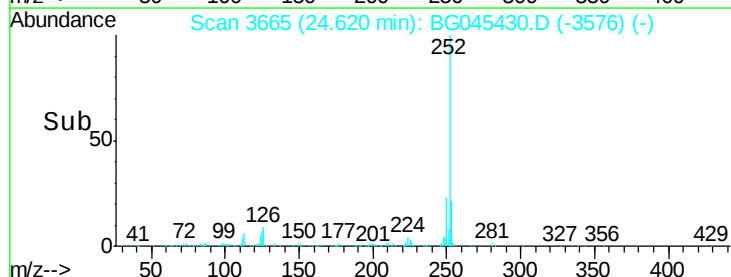
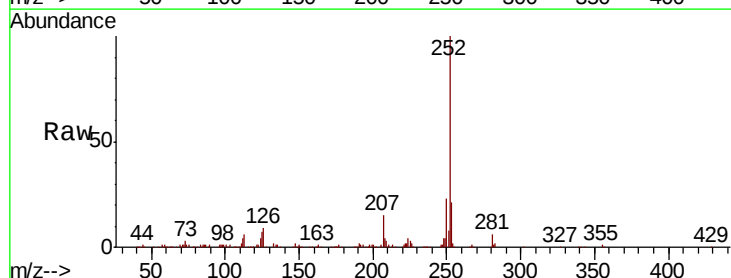
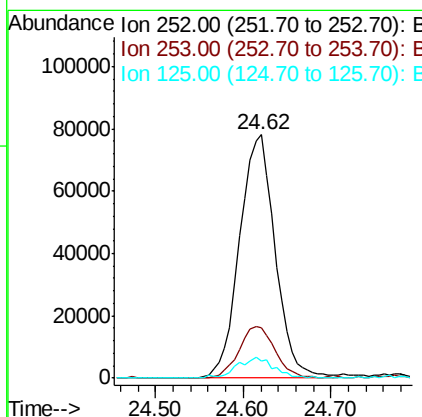
RT: 24.62 min Scan# 3665

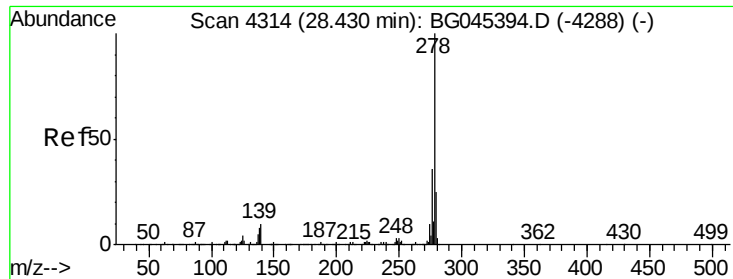
Delta R.T. -0.01 min

Lab File: BG045430.D

Acq: 19 May 2020 18:45

Tgt Ion:	252	Resp:	216558
Ion Ratio	Lower	Upper	
252	100		
253	20.8	17.2	25.8
125	7.0	5.0	7.6





#91
Dibenzo(a,h)anthracene
Concen: 7.108 ng
RT: 28.40 min Scan# 4308
Delta R.T. -0.02 min
Lab File: BG045430.D
Acq: 19 May 2020 18:45

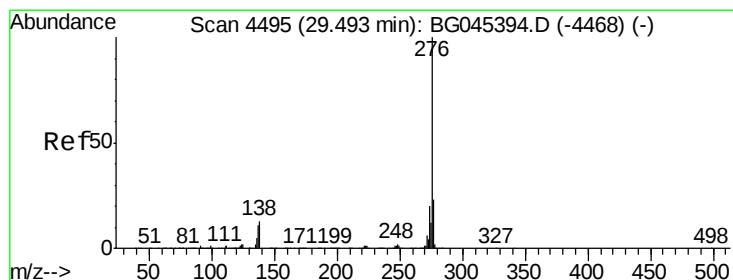
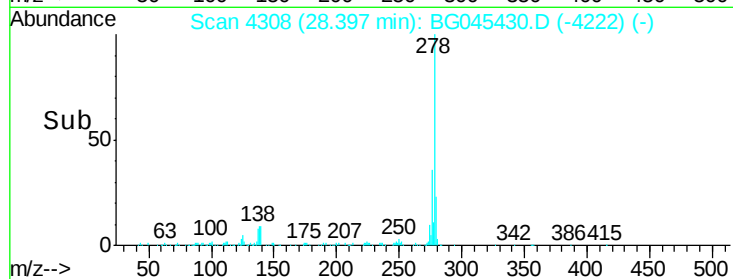
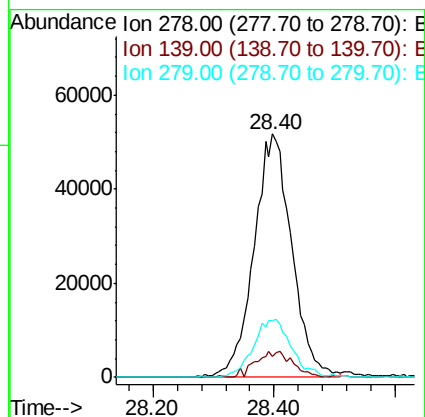
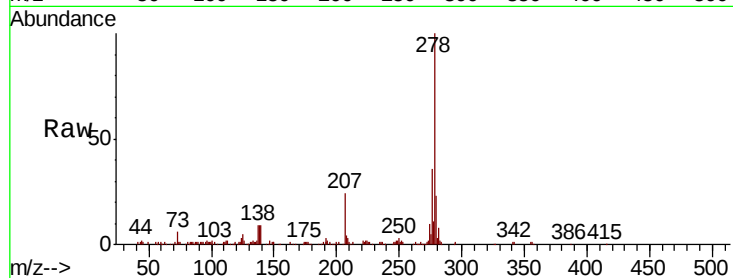
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion:	278	Resp:	224424
Ion Ratio	Lower	Upper	
278	100		
139	8.8	7.8	11.8
279	23.3	19.8	29.8

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#92
Benzo(g,h,i)perylene
Concen: 7.114 ng
RT: 29.44 min Scan# 4486
Delta R.T. -0.04 min
Lab File: BG045430.D
Acq: 19 May 2020 18:45

Tgt Ion:	276	Resp:	224614
Ion Ratio	Lower	Upper	
276	100		
277	23.7	18.1	27.1
138	14.8	10.2	15.4

