

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011823\
 Data File : BM038481.D
 Acq On : 18 Jan 2023 15:48
 Operator : CG/JU
 Sample : N3980-07
 Misc : LOD-MDL-WATER 8ppm
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2022

Quant Time: Jan 19 06:14:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM011623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 19 06:09:42 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	41952	20.000	ng	0.00
21) Naphthalene-d8	10.786	136	143370	20.000	ng	0.00
39) Acenaphthene-d10	14.610	164	87683	20.000	ng	0.00
64) Phenanthrene-d10	17.351	188	200441	20.000	ng	0.00
76) Chrysene-d12	21.527	240	216797	20.000	ng	0.00
86) Perylene-d12	23.944	264	270656	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	310466	112.887	ng	0.00
7) Phenol-d6	7.134	99	379867	107.825	ng	0.00
23) Nitrobenzene-d5	9.145	82	264591	75.196	ng	0.00
42) 2,4,6-Tribromophenol	16.098	330	153091	103.281	ng	0.00
45) 2-Fluorobiphenyl	13.233	172	493834	70.237	ng	0.00
79) Terphenyl-d14	19.962	244	873883	75.459	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.381	88	10592	8.428	ng	97
3) Pyridine	3.810	79	21842	6.008	ng	# 95
4) n-Nitrosodimethylamine	3.710	42	17107	7.952	ng	# 96
6) Aniline	7.304	93	30087	6.761	ng	98
8) 2-Chlorophenol	7.534	128	20302	7.456	ng	92
9) Benzaldehyde	7.116	77	23685	10.054	ng	87
10) Phenol	7.163	94	28143	7.666	ng	97
11) bis(2-Chloroethyl)ether	7.398	93	21399	7.193	ng	96
12) 1,3-Dichlorobenzene	7.857	146	21762	7.460	ng	99
13) 1,4-Dichlorobenzene	8.010	146	22881	7.797	ng	99
14) 1,2-Dichlorobenzene	8.328	146	21677	7.554	ng	92
15) Benzyl Alcohol	8.222	79	19706	6.984	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.510	45	32308	7.789	ng	97
17) 2-Methylphenol	8.422	107	16118	6.500	ng	96
18) Hexachloroethane	9.051	117	9360	7.787	ng	92
19) n-Nitroso-di-n-propyla...	8.787	70	18738	7.327	ng	# 96
20) 3+4-Methylphenols	8.751	107	20839	6.259	ng	93
22) Acetophenone	8.804	105	33685	7.949	ng	# 86
24) Nitrobenzene	9.187	77	28922	7.779	ng	97
25) Isophorone	9.710	82	44628	7.160	ng	100
26) 2-Nitrophenol	9.904	139	8976	6.877	ng	95
27) 2,4-Dimethylphenol	9.957	122	14636	6.585	ng	96
28) bis(2-Chloroethoxy)met...	10.198	93	25679	7.326	ng	# 97
29) 2,4-Dichlorophenol	10.439	162	16065	6.543	ng	92
30) 1,2,4-Trichlorobenzene	10.645	180	18928	6.666	ng	96
31) Naphthalene	10.834	128	54128	7.124	ng	98
32) Benzoic acid	10.122	122	627	5.395	ng	# 59
33) 4-Chloroaniline	10.957	127	21019	6.302	ng	94
34) Hexachlorobutadiene	11.110	225	14539	7.302	ng	95
35) Caprolactam	11.733	113	3659	5.272	ng	92
36) 4-Chloro-3-methylphenol	12.075	107	16941	6.328	ng	93
37) 2-Methylnaphthalene	12.439	142	35011	6.302	ng	89
38) 1-Methylnaphthalene	12.663	142	33632	6.448	ng	97
40) 1,2,4,5-Tetrachloroben...	12.810	216	23156	7.056	ng	98
41) Hexachlorocyclopentadiene	12.780	237	12591	6.748	ng	96
43) 2,4,6-Trichlorophenol	13.051	196	13819	6.661	ng	91

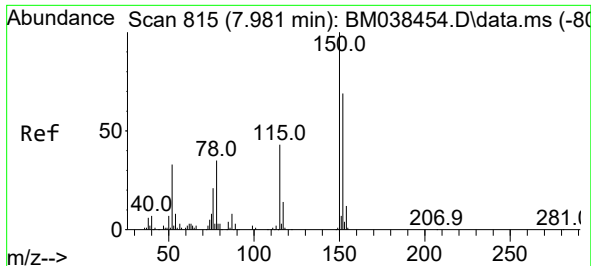
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 QLast Update : Thu Jan 19 06:09:42 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.122	196	14877	6.082	ng	96
46) 1,1'-Biphenyl	13.445	154	49842	7.327	ng	99
47) 2-Chloronaphthalene	13.486	162	38447	7.181	ng	97
48) 2-Nitroaniline	13.704	65	12293	7.806	ng	93
49) Acenaphthylene	14.333	152	55624	6.590	ng	98
50) Dimethylphthalate	14.069	163	46906	6.601	ng	98
51) 2,6-Dinitrotoluene	14.192	165	8762	6.061	ng	# 68
52) Acenaphthene	14.674	154	35406	6.902	ng	97
53) 3-Nitroaniline	14.527	138	7992	7.394	ng	95
54) 2,4-Dinitrophenol	14.739	184	4506	9.046	ng	92
55) Dibenzofuran	15.004	168	58194	6.663	ng	93
56) 4-Nitrophenol	14.833	139	6132	8.348	ng	93
57) 2,4-Dinitrotoluene	14.980	165	11655	5.800	ng	# 81
58) Fluorene	15.651	166	45782	6.274	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.233	232	13095	6.038	ng	94
60) Diethylphthalate	15.421	149	47452	6.509	ng	96
61) 4-Chlorophenyl-phenylether	15.645	204	25436	6.350	ng	92
62) 4-Nitroaniline	15.686	138	7959	7.352	ng	97
63) Azobenzene	15.939	77	56253	7.013	ng	97
65) 4,6-Dinitro-2-methylph...	15.739	198	7207	5.299	ng	81
66) n-Nitrosodiphenylamine	15.863	169	38360	6.522	ng	99
67) 4-Bromophenyl-phenylether	16.539	248	14870	6.413	ng	94
68) Hexachlorobenzene	16.651	284	17677	6.809	ng	94
69) Atrazine	16.810	200	14537	6.990	ng	93
70) Pentachlorophenol	16.998	266	9669	5.101	ng	# 86
71) Phenanthrene	17.392	178	76782	6.924	ng	98
72) Anthracene	17.486	178	73300	6.432	ng	98
73) Carbazole	17.757	167	64553	6.477	ng	97
74) Di-n-butylphthalate	18.310	149	77545	6.551	ng	97
75) Fluoranthene	19.404	202	86652	6.216	ng	99
77) Benzidine	19.592	184	36760	7.738	ng	97
78) Pyrene	19.768	202	93953	6.512	ng	98
80) Butylbenzylphthalate	20.651	149	33121	6.281	ng	# 80
81) Benzo(a)anthracene	21.509	228	104552	6.705	ng	97
82) 3,3'-Dichlorobenzidine	21.445	252	38230	7.614	ng	95
83) Chrysene	21.562	228	102691	6.777	ng	98
84) Bis(2-ethylhexyl)phtha...	21.421	149	49579	6.540	ng	96
85) Di-n-octyl phthalate	22.350	149	91718	6.876	ng	# 95
87) Indeno(1,2,3-cd)pyrene	26.468	276	132712	6.626	ng	97
88) Benzo(b)fluoranthene	23.203	252	114109	6.799	ng	97
89) Benzo(k)fluoranthene	23.250	252	113196	6.522	ng	97
90) Benzo(a)pyrene	23.839	252	100293	6.090	ng	98
91) Dibenzo(a,h)anthracene	26.474	278	114353	6.803	ng	98
92) Benzo(g,h,i)perylene	27.238	276	120168	7.206	ng	# 95

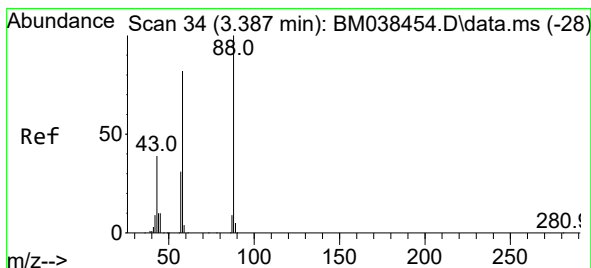
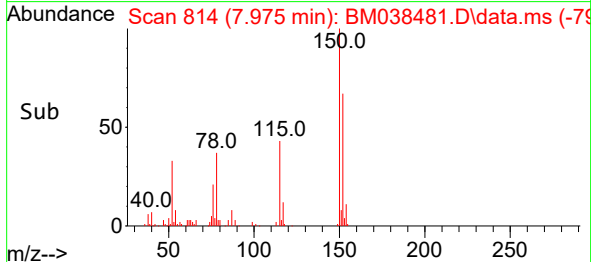
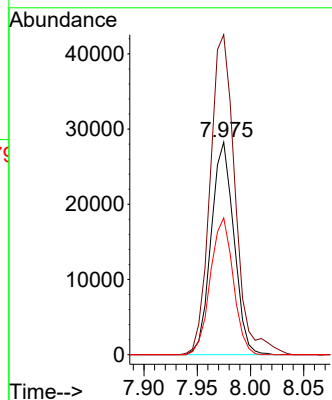
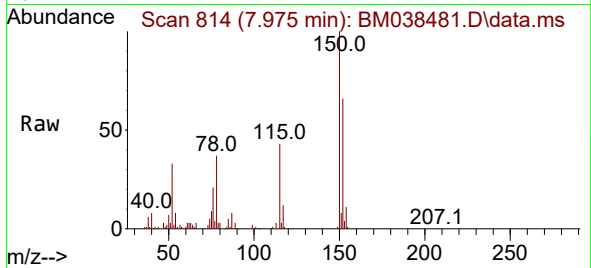
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.975 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

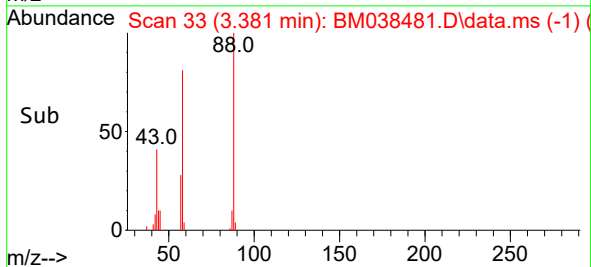
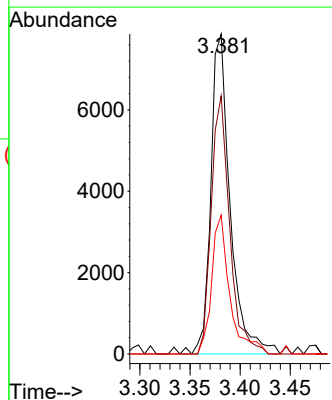
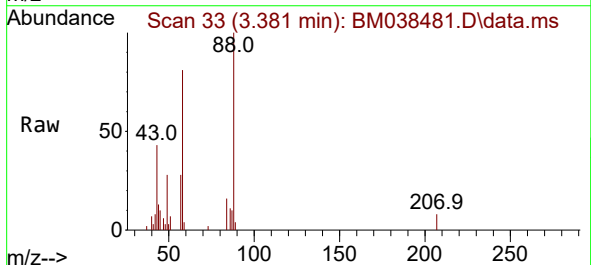
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

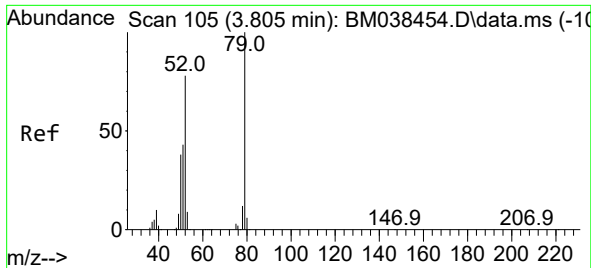
Tgt Ion:152 Resp: 41952
Ion Ratio Lower Upper
152 100
150 150.7 116.0 174.0
115 64.4 49.4 74.2



#2
1,4-Dioxane
Concen: 8.428 ng
RT: 3.381 min Scan# 33
Delta R.T. 0.000 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

Tgt Ion: 88 Resp: 10592
Ion Ratio Lower Upper
88 100
58 76.7 64.3 96.5
43 40.7 32.3 48.5

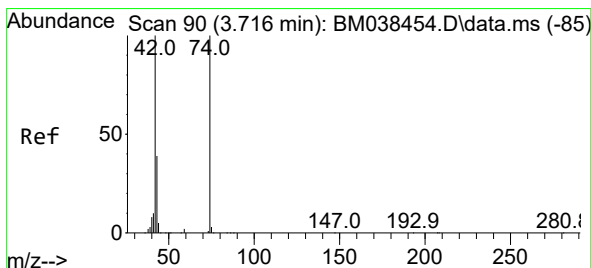
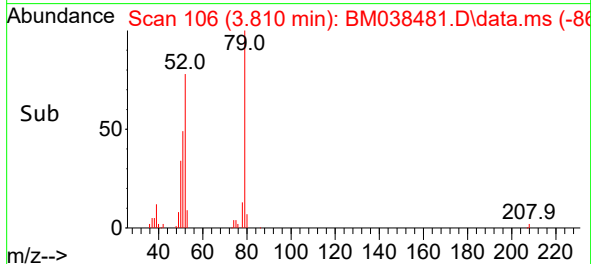
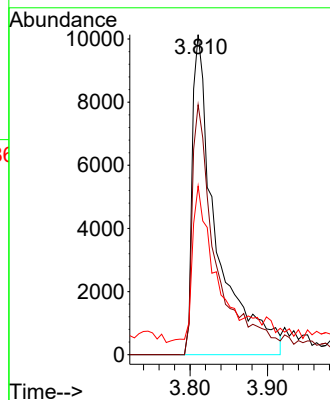
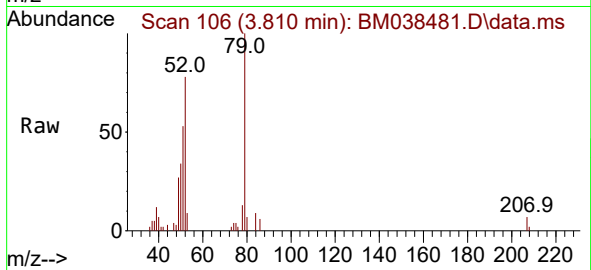




#3
Pyridine
Concen: 6.008 ng
RT: 3.810 min Scan# 106
Delta R.T. 0.018 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

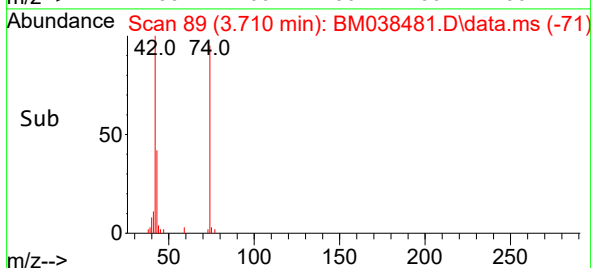
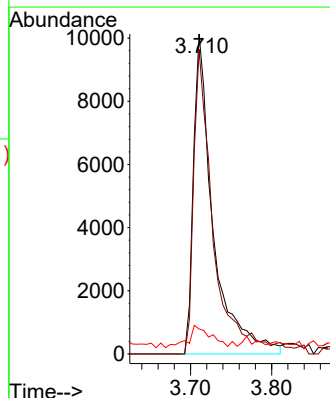
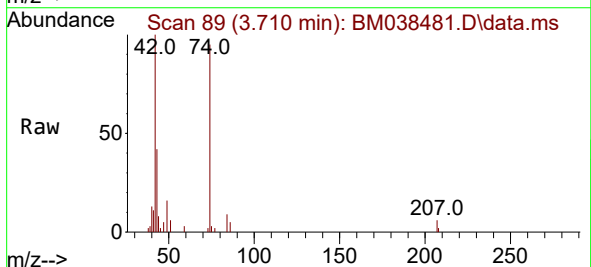
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

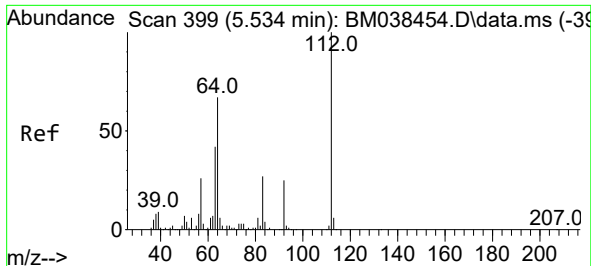
Tgt Ion: 79 Resp: 21842
Ion Ratio Lower Upper
79 100
52 78.1 62.2 93.2
51 52.7 34.8 52.2#



#4
n-Nitrosodimethylamine
Concen: 7.952 ng
RT: 3.710 min Scan# 89
Delta R.T. 0.006 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

Tgt Ion: 42 Resp: 17107
Ion Ratio Lower Upper
42 100
74 95.2 79.7 119.5
44 7.8 4.7 7.1#

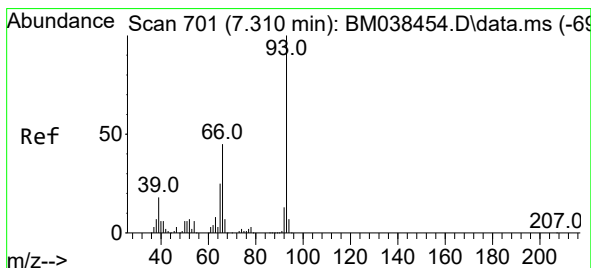
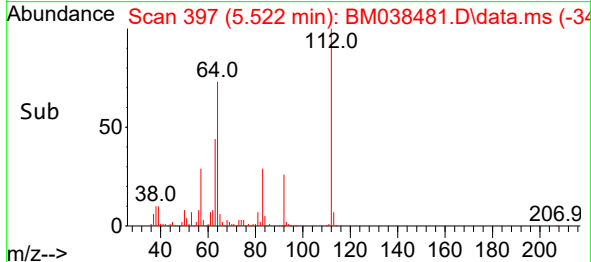
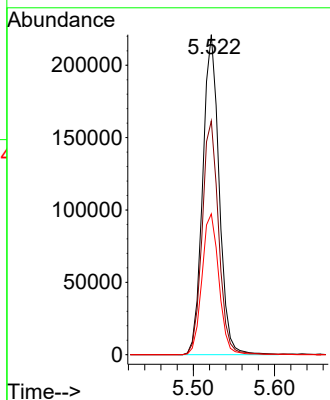
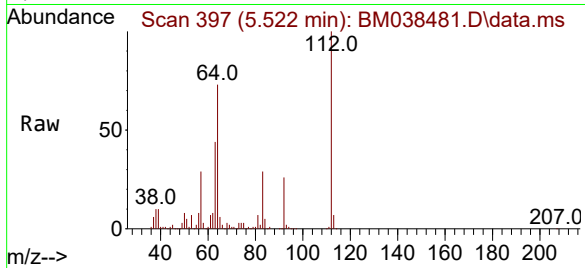




#5
2-Fluorophenol
Concen: 112.887 ng
RT: 5.522 min Scan# 399
Delta R.T. 0.000 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

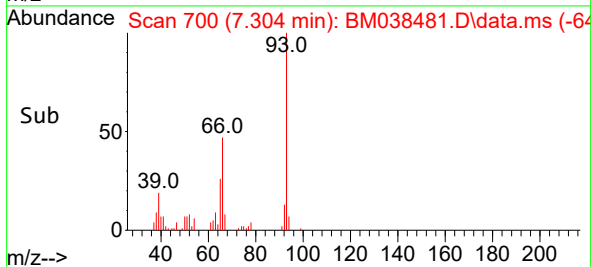
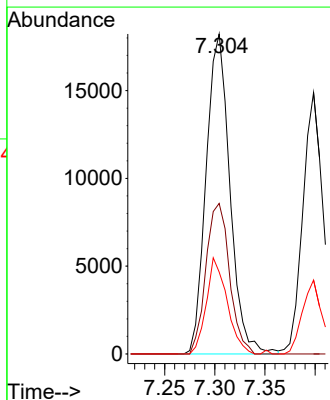
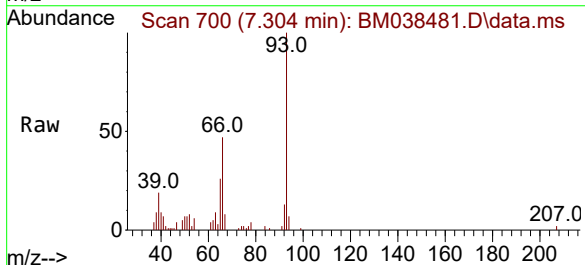
Instrument :
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ClientSampleId :
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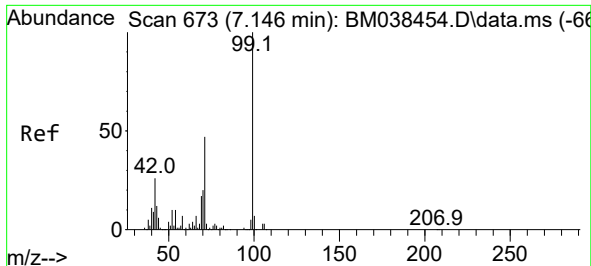
Tgt Ion:112 Resp: 310466
Ion Ratio Lower Upper
112 100
64 73.1 53.7 80.5
63 44.0 33.7 50.5



#6
Aniline
Concen: 6.761 ng
RT: 7.304 min Scan# 700
Delta R.T. 0.000 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

Tgt Ion: 93 Resp: 30087
Ion Ratio Lower Upper
93 100
66 47.1 36.2 54.2
65 25.6 19.8 29.8

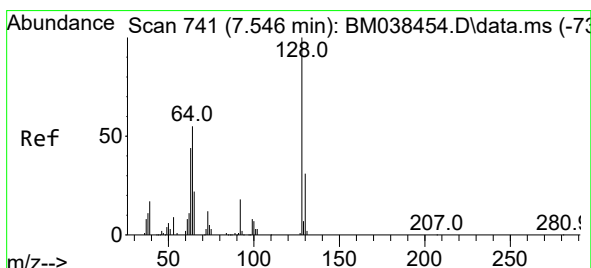
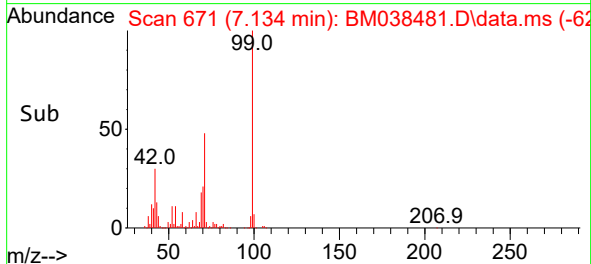
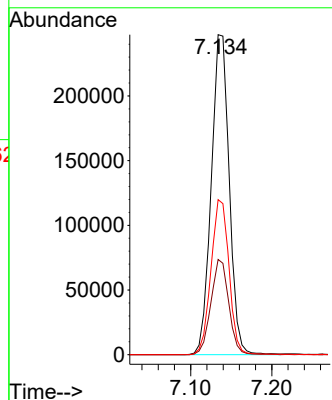
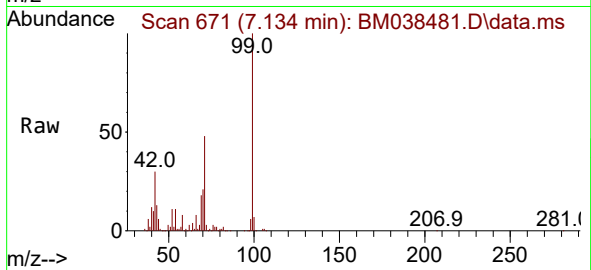




#7
Phenol-d6
Concen: 107.825 ng
RT: 7.134 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

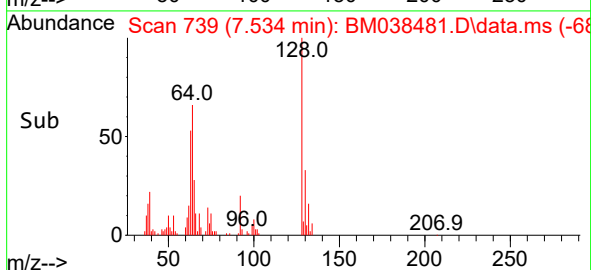
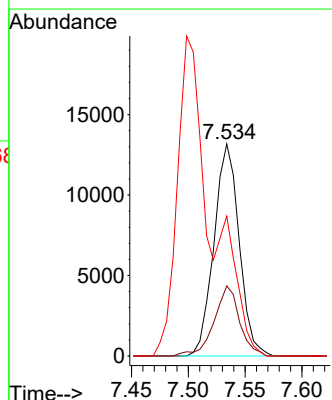
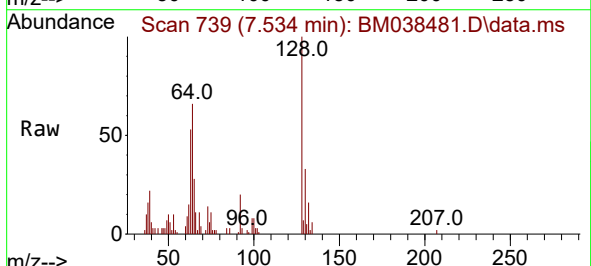
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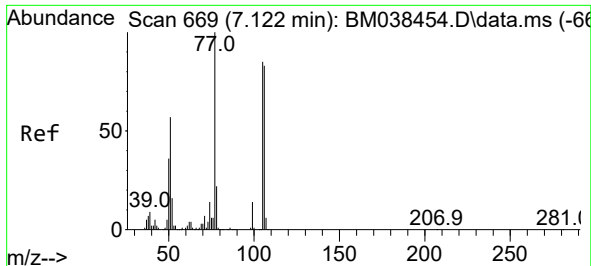
Tgt Ion: 99 Resp: 379867
Ion Ratio Lower Upper
99 100
42 29.7 20.8 31.2
71 48.5 37.8 56.8



#8
2-Chlorophenol
Concen: 7.456 ng
RT: 7.534 min Scan# 739
Delta R.T. 0.000 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

Tgt Ion: 128 Resp: 20302
Ion Ratio Lower Upper
128 100
130 33.1 11.5 51.5
64 66.0 38.0 78.0

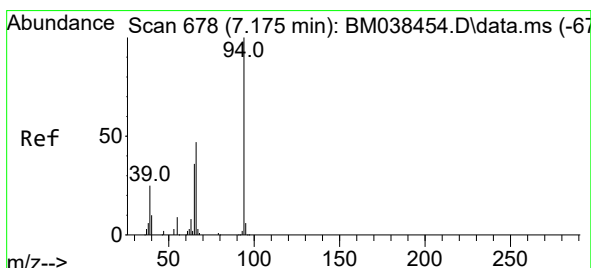
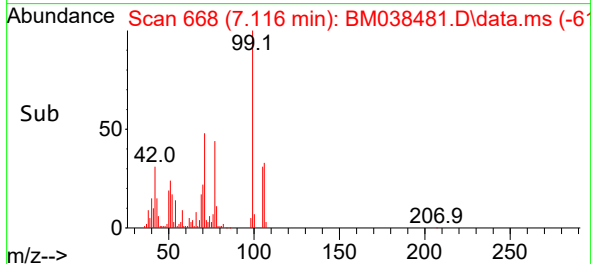
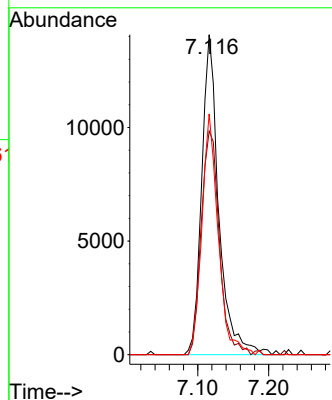
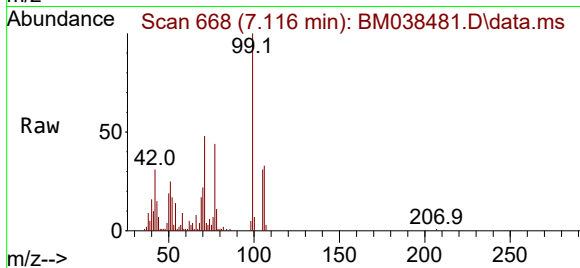




#9
Benzaldehyde
Concen: 10.054 ng
RT: 7.116 min Scan# 609
Delta R.T. 0.000 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

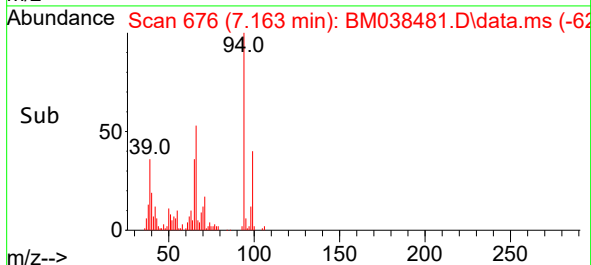
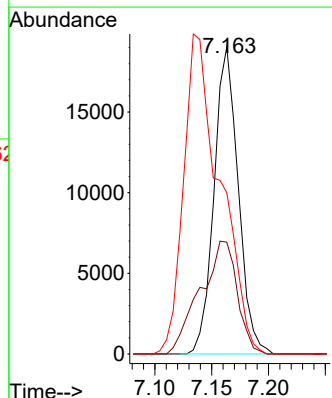
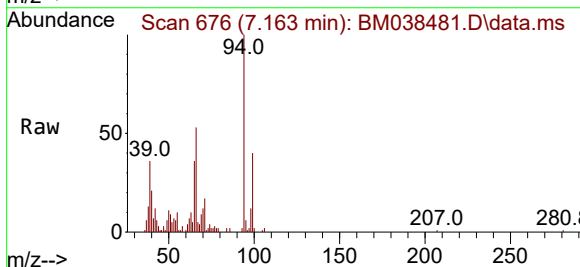
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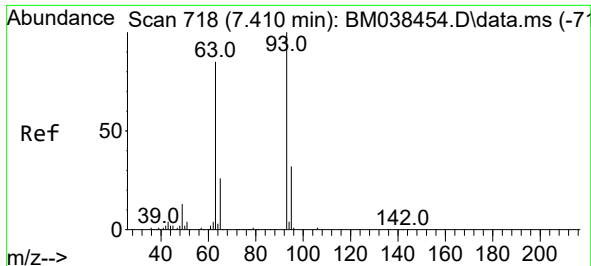
Tgt Ion: 77 Resp: 23685
Ion Ratio Lower Upper
77 100
105 69.9 65.3 105.3
106 75.2 62.5 102.5



#10
Phenol
Concen: 7.666 ng
RT: 7.163 min Scan# 676
Delta R.T. 0.000 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

Tgt Ion: 94 Resp: 28143
Ion Ratio Lower Upper
94 100
65 36.4 16.3 56.3
66 52.6 29.2 69.2

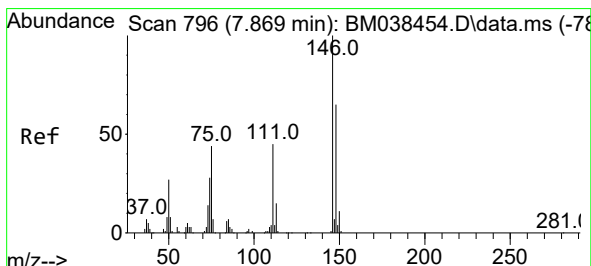
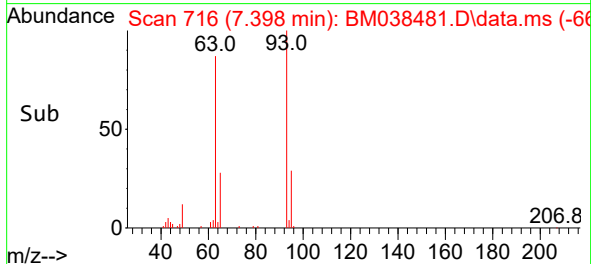
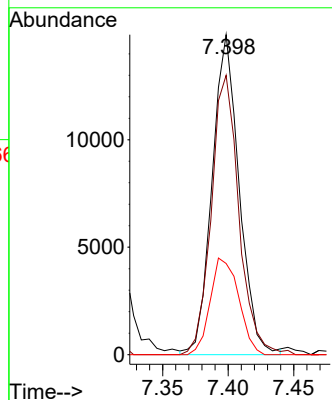
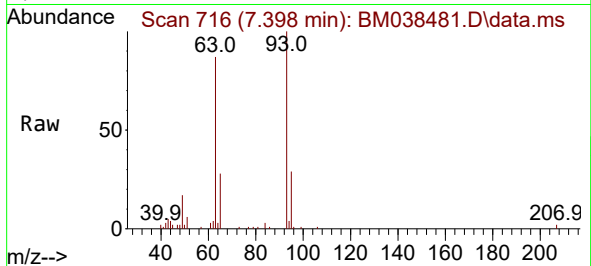




#11
bis(2-Chloroethyl)ether
Concen: 7.193 ng
RT: 7.398 min Scan# 716
Delta R.T. 0.000 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

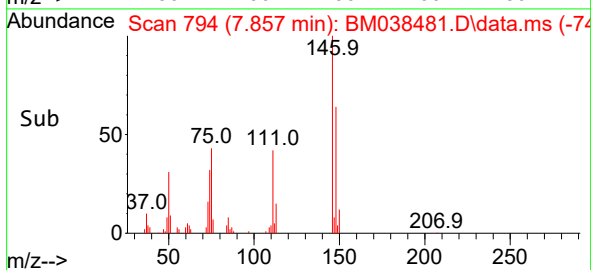
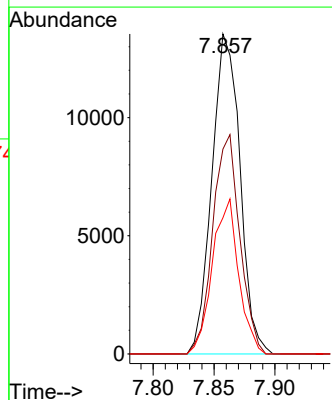
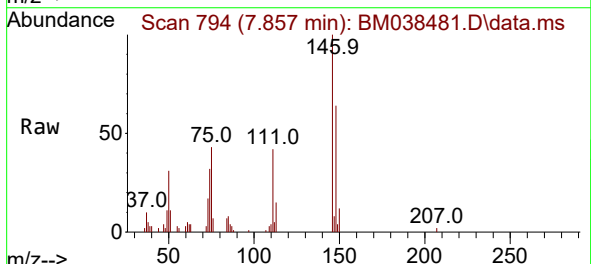
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

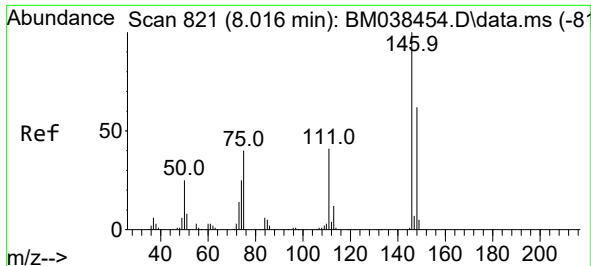
Tgt Ion: 93 Resp: 21399
Ion Ratio Lower Upper
93 100
63 87.3 64.6 104.6
95 28.5 12.0 52.0



#12
1,3-Dichlorobenzene
Concen: 7.460 ng
RT: 7.857 min Scan# 794
Delta R.T. -0.006 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

Tgt Ion:146 Resp: 21762
Ion Ratio Lower Upper
146 100
148 64.0 51.8 77.8
75 42.5 35.1 52.7

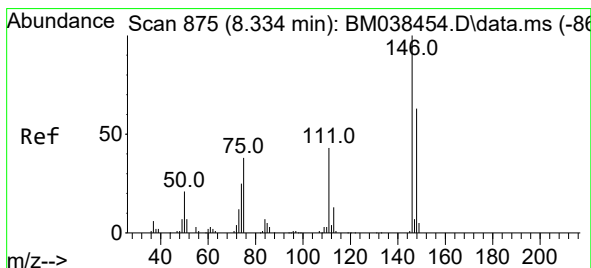
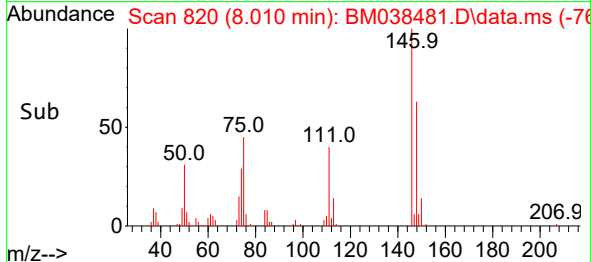
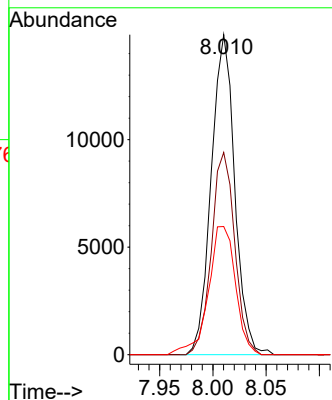
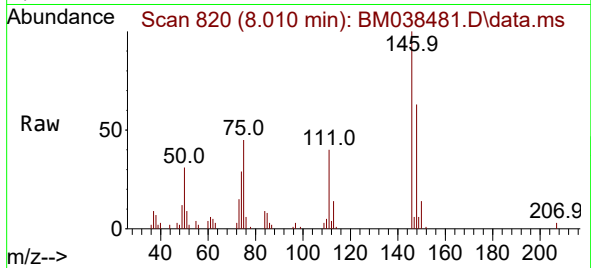




#13
1,4-Dichlorobenzene
Concen: 7.797 ng
RT: 8.010 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

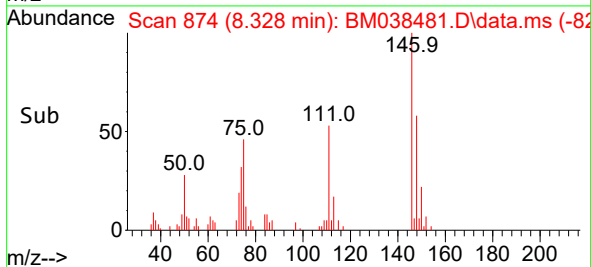
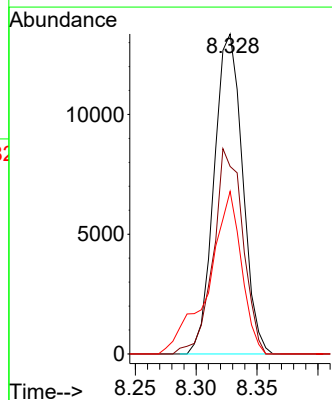
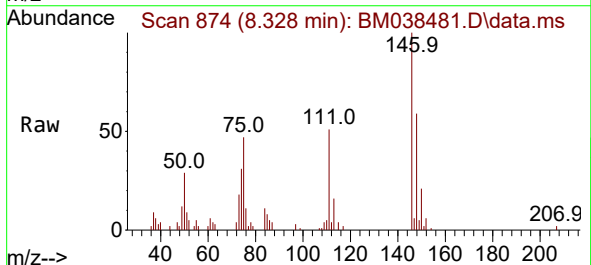
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

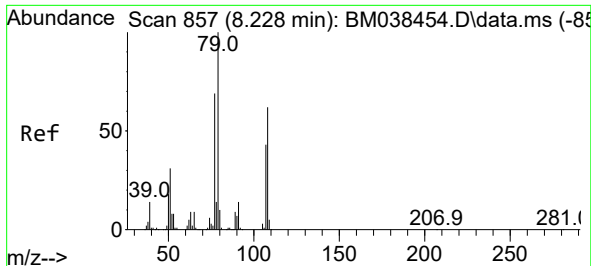
Tgt Ion:146 Resp: 22881
Ion Ratio Lower Upper
146 100
148 63.2 50.1 75.1
111 40.1 32.8 49.2



#14
1,2-Dichlorobenzene
Concen: 7.554 ng
RT: 8.328 min Scan# 874
Delta R.T. 0.000 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

Tgt Ion:146 Resp: 21677
Ion Ratio Lower Upper
146 100
148 58.6 50.7 76.1
111 50.8 35.2 52.8





#15

Benzyl Alcohol

Concen: 6.984 ng

RT: 8.222 min Scan# 81

Delta R.T. 0.000 min

Lab File: BM038481.D

Acq: 18 Jan 2023 15:48

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022

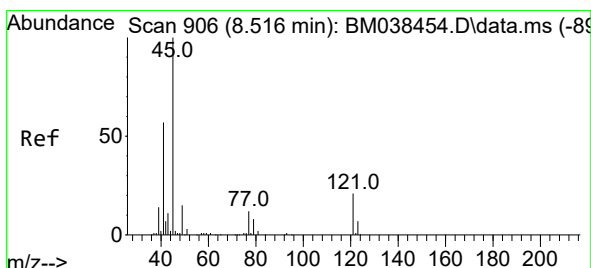
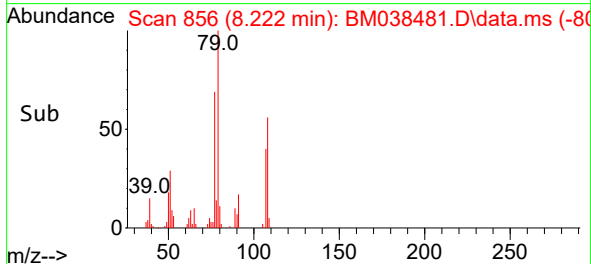
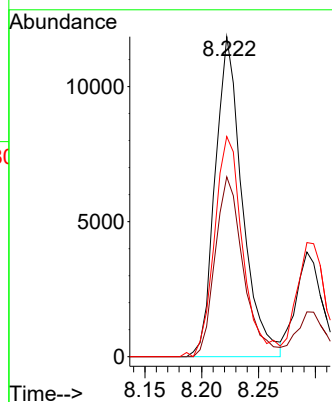
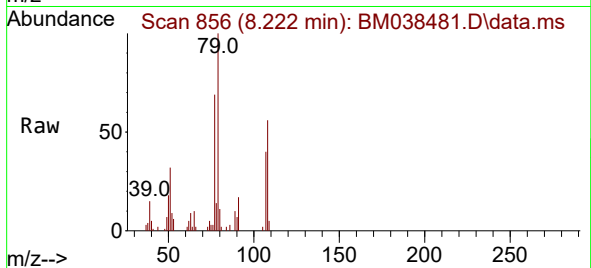
Tgt Ion: 79 Resp: 19706

Ion Ratio Lower Upper

79 100

108 56.2 49.3 73.9

77 68.8 55.1 82.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 7.789 ng

RT: 8.510 min Scan# 905

Delta R.T. 0.000 min

Lab File: BM038481.D

Acq: 18 Jan 2023 15:48

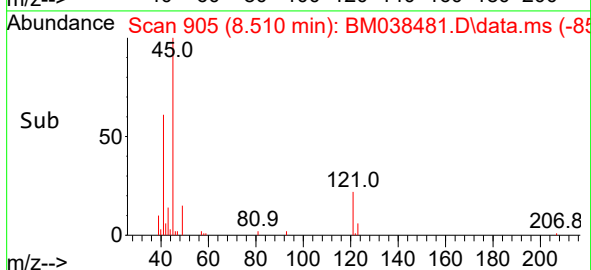
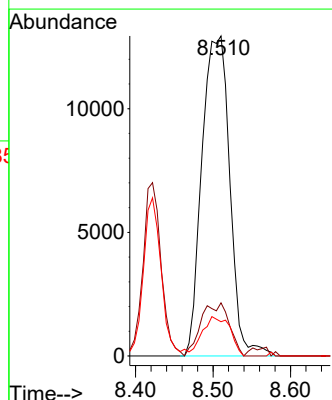
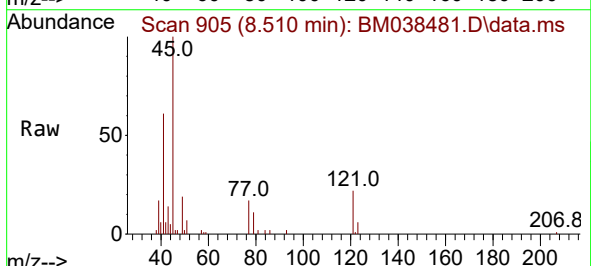
Tgt Ion: 45 Resp: 32308

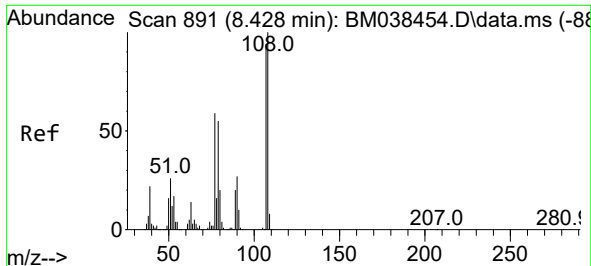
Ion Ratio Lower Upper

45 100

77 16.6 0.0 34.7

79 10.7 0.0 30.4

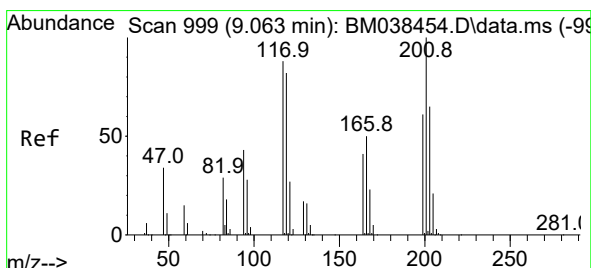
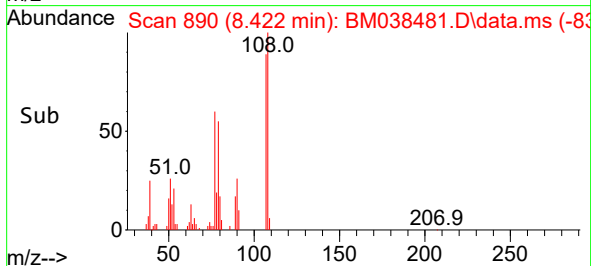
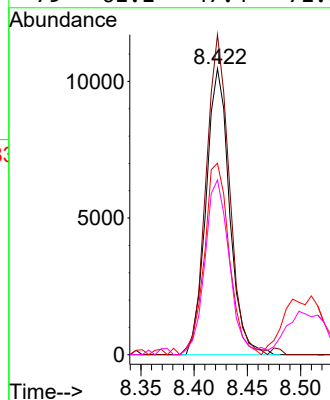
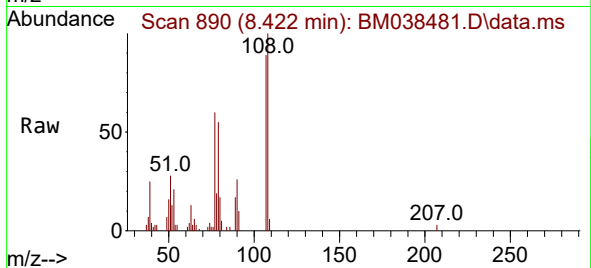




#17
2-Methylphenol
Concen: 6.500 ng
RT: 8.422 min Scan# 891
Delta R.T. 0.000 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

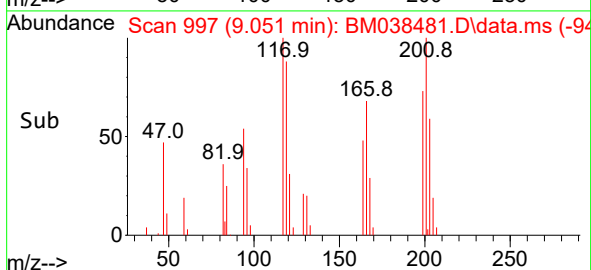
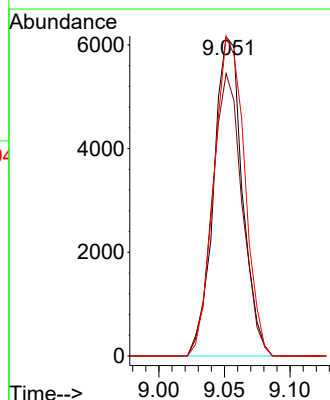
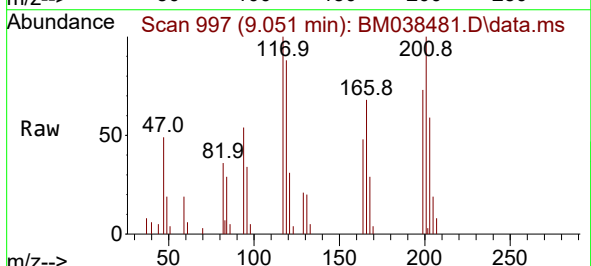
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

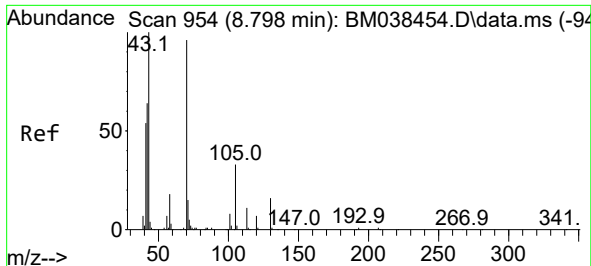
Tgt Ion:	107	Resp:	16118
Ion	Ratio	Lower	Upper
107	100		
108	111.8	85.7	128.5
77	66.9	50.5	75.7
79	61.1	47.4	71.0



#18
Hexachloroethane
Concen: 7.787 ng
RT: 9.051 min Scan# 997
Delta R.T. -0.006 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

Tgt Ion:	117	Resp:	9360
Ion	Ratio	Lower	Upper
117	100		
119	88.5	74.5	111.7
201	103.3	91.3	136.9





#19

n-Nitroso-di-n-propylamine

Concen: 7.327 ng

RT: 8.787 min Scan# 91

Delta R.T. -0.006 min

Lab File: BM038481.D

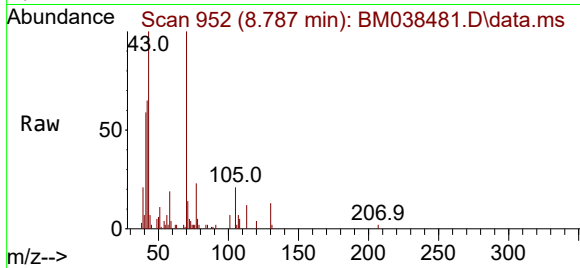
Acq: 18 Jan 2023 15:48

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022



Tgt Ion: 70 Resp: 18738

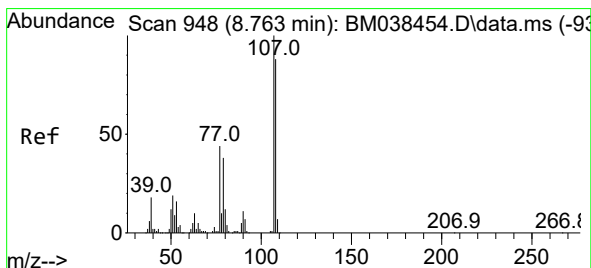
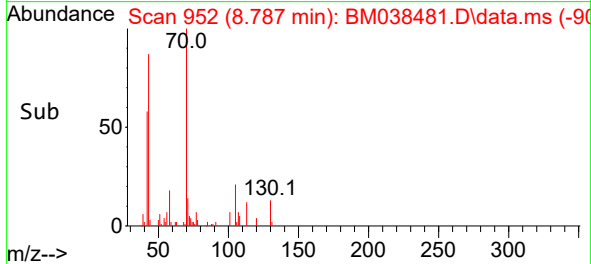
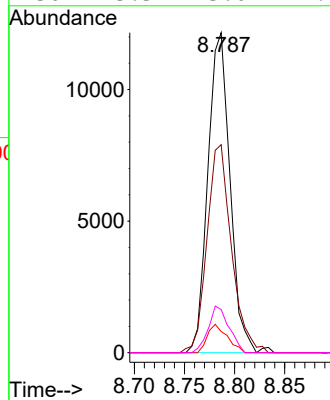
Ion Ratio Lower Upper

70 100

42 65.0 54.2 81.2

101 6.6 6.6 10.0#

130 13.5 13.0 19.4



#20

3+4-Methylphenols

Concen: 6.259 ng

RT: 8.751 min Scan# 946

Delta R.T. 0.000 min

Lab File: BM038481.D

Acq: 18 Jan 2023 15:48

Tgt Ion: 107 Resp: 20839

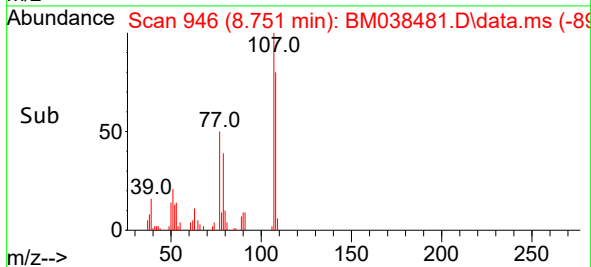
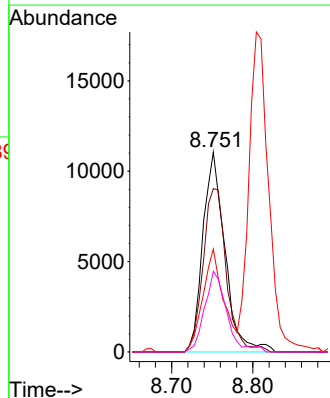
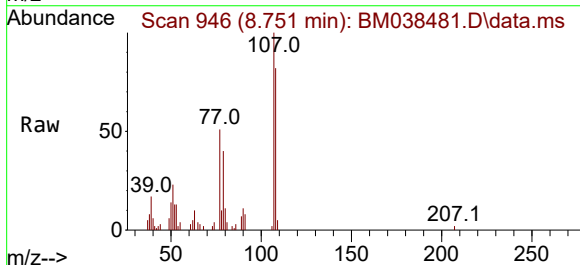
Ion Ratio Lower Upper

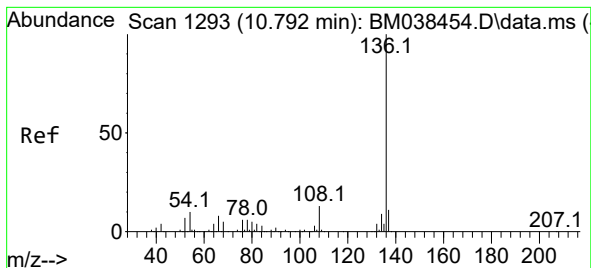
107 100

108 81.7 67.6 107.6

77 51.4 24.1 64.1

79 40.3 17.8 57.8

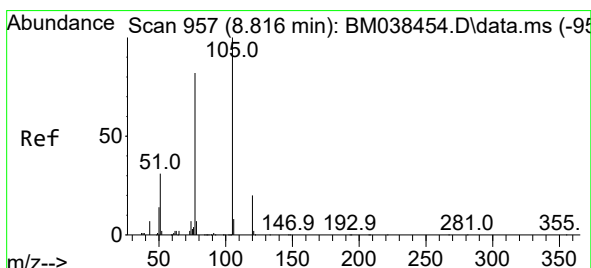
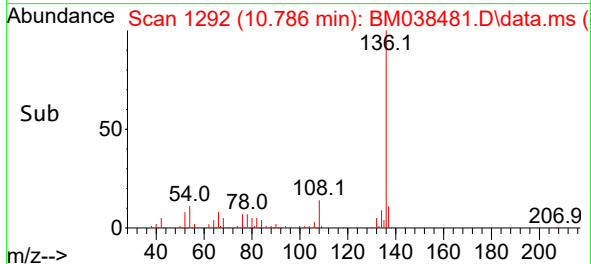
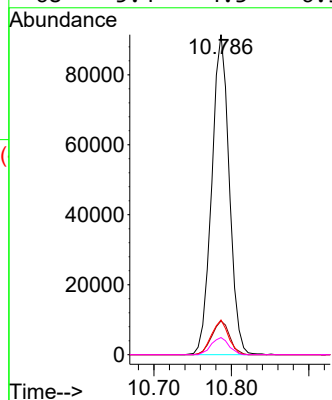
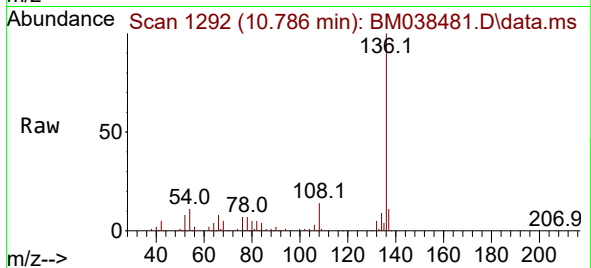




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.786 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

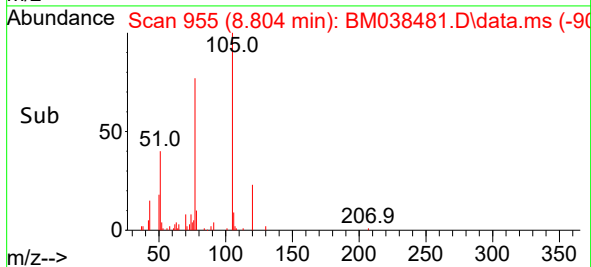
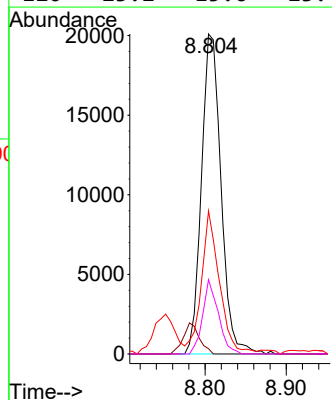
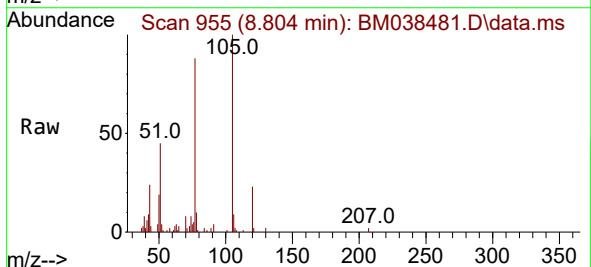
Instrument : BNA_M
ClientSampleId : LOD-MDL-WATER-01-QT3-2022

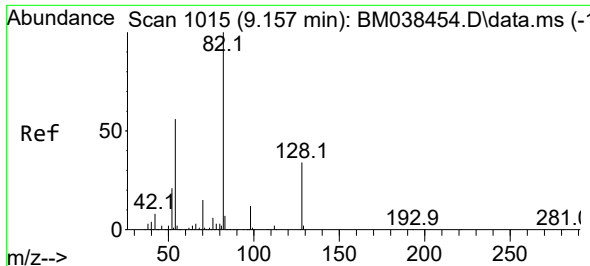
Tgt Ion:136 Resp: 143370
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.4
54 10.9 7.6 11.4
68 5.4 4.3 6.5



#22
Acetophenone
Concen: 7.949 ng
RT: 8.804 min Scan# 955
Delta R.T. -0.006 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

Tgt Ion:105 Resp: 33685
Ion Ratio Lower Upper
105 100
71 1.7 1.0 1.6#
51 44.7 27.4 41.2#
120 23.2 15.6 23.4





#23

Nitrobenzene-d5

Concen: 75.196 ng

RT: 9.145 min Scan# 1015

Delta R.T. -0.006 min

Lab File: BM038481.D

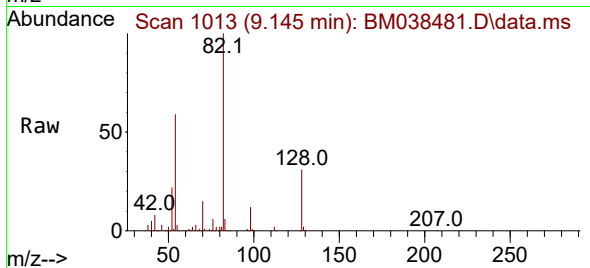
Acq: 18 Jan 2023 15:48

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022



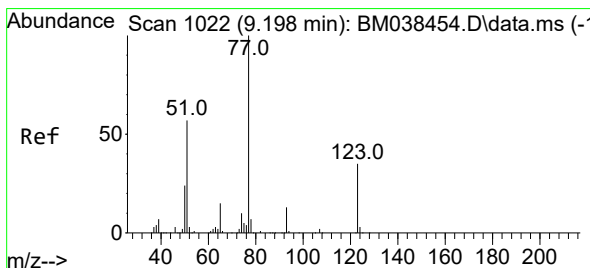
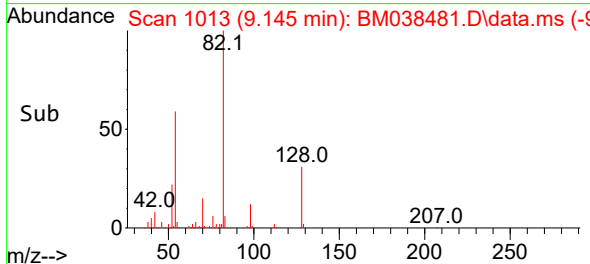
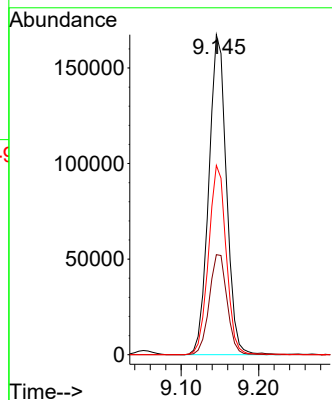
Tgt Ion: 82 Resp: 264591

Ion Ratio Lower Upper

82 100

128 31.2 27.0 40.6

54 59.2 45.0 67.6



#24

Nitrobenzene

Concen: 7.779 ng

RT: 9.187 min Scan# 1020

Delta R.T. -0.006 min

Lab File: BM038481.D

Acq: 18 Jan 2023 15:48

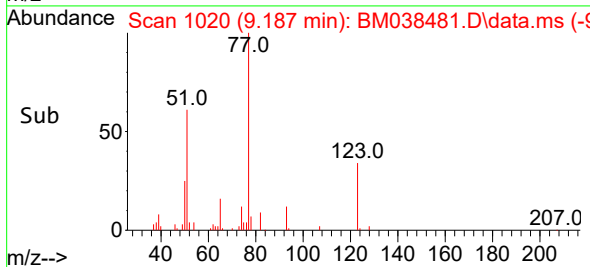
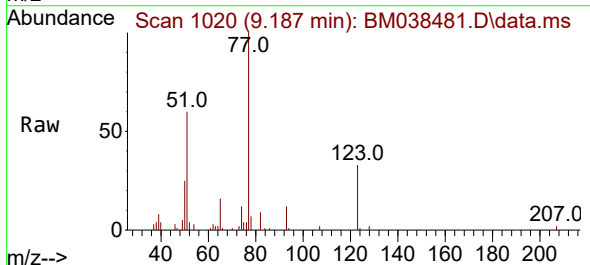
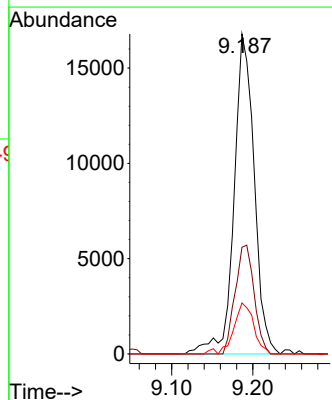
Tgt Ion: 77 Resp: 28922

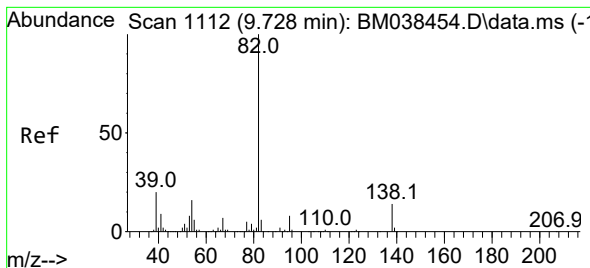
Ion Ratio Lower Upper

77 100

123 33.3 28.2 42.4

65 15.9 12.1 18.1





#25

Isophorone

Concen: 7.160 ng

RT: 9.710 min Scan# 1109

Delta R.T. -0.006 min

Lab File: BM038481.D

Acq: 18 Jan 2023 15:48

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022

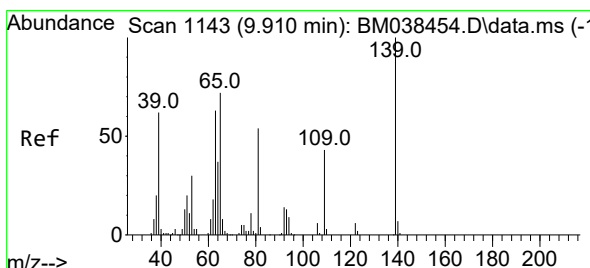
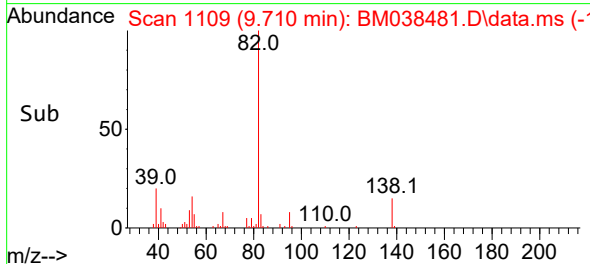
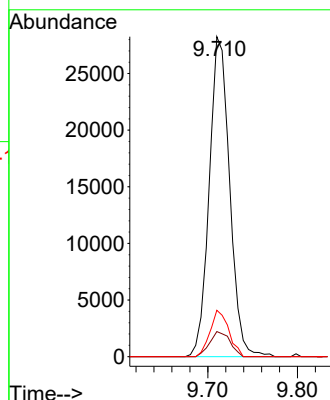
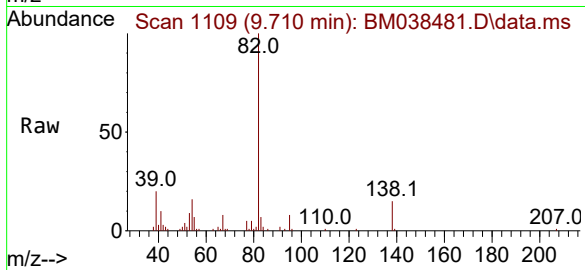
Tgt Ion: 82 Resp: 44628

Ion Ratio Lower Upper

82 100

95 7.9 6.1 9.1

138 14.5 11.5 17.3



#26

2-Nitrophenol

Concen: 6.877 ng

RT: 9.904 min Scan# 1142

Delta R.T. 0.000 min

Lab File: BM038481.D

Acq: 18 Jan 2023 15:48

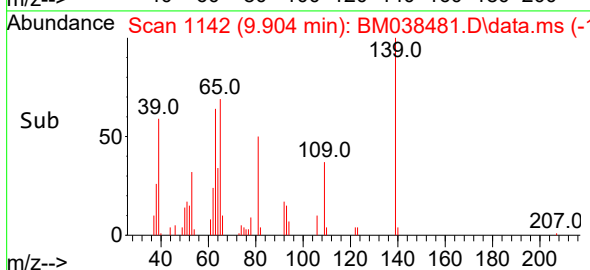
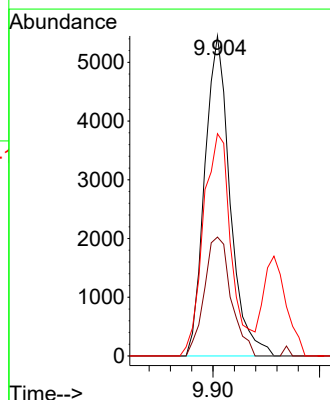
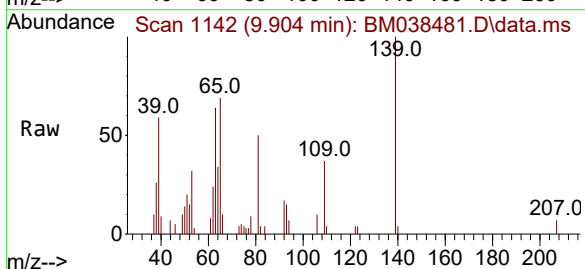
Tgt Ion: 139 Resp: 8976

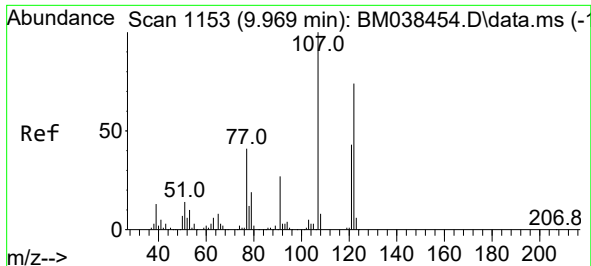
Ion Ratio Lower Upper

139 100

109 37.2 34.7 52.1

65 69.5 57.4 86.0

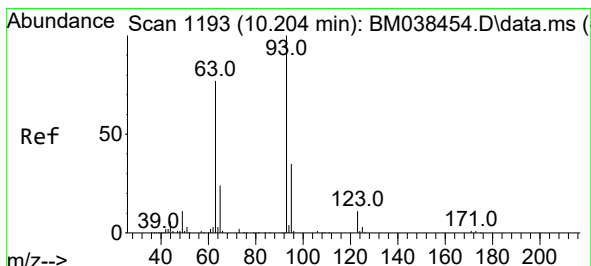
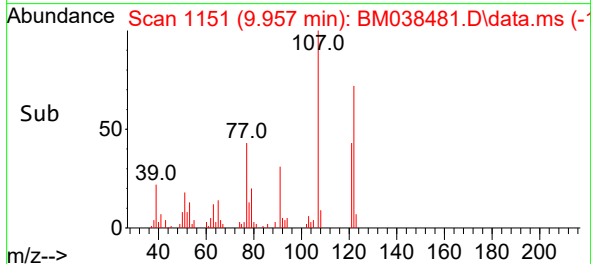
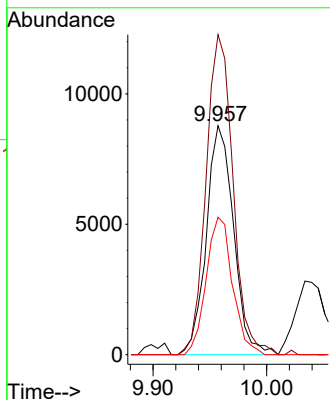
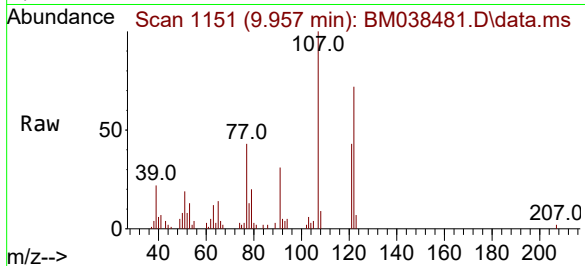




#27
2,4-Dimethylphenol
Concen: 6.585 ng
RT: 9.957 min Scan# 1151
Delta R.T. 0.000 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

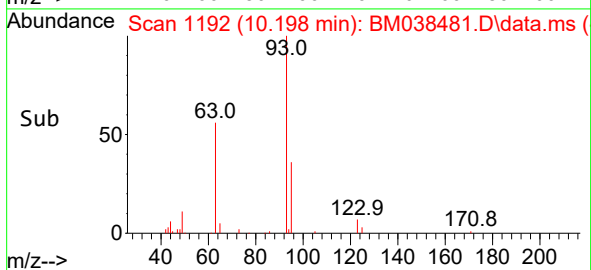
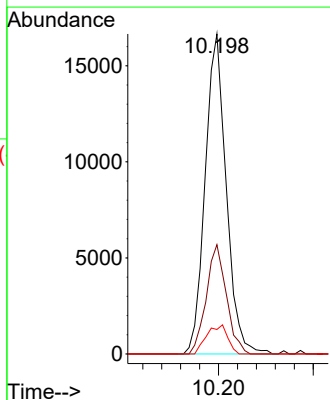
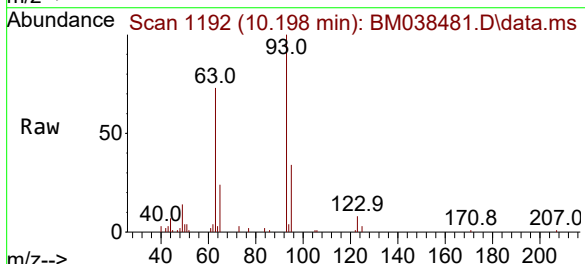
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

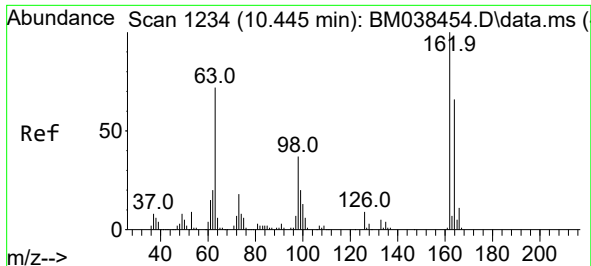
Tgt Ion:122 Resp: 14636
Ion Ratio Lower Upper
122 100
107 139.8 107.4 161.0
121 60.1 46.6 70.0



#28
bis(2-Chloroethoxy)methane
Concen: 7.326 ng
RT: 10.198 min Scan# 1192
Delta R.T. 0.000 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

Tgt Ion: 93 Resp: 25679
Ion Ratio Lower Upper
93 100
95 34.1 27.7 41.5
123 7.6 8.6 13.0#





#29

2,4-Dichlorophenol

Concen: 6.543 ng

RT: 10.439 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM038481.D

Acq: 18 Jan 2023 15:48

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022

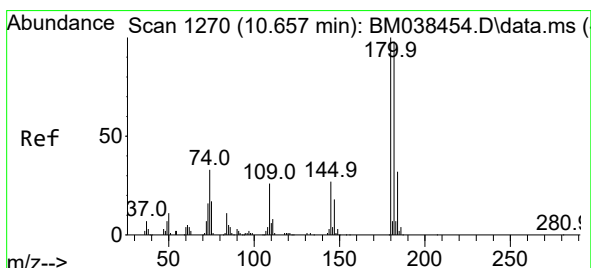
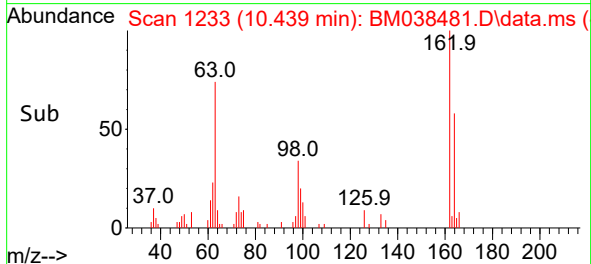
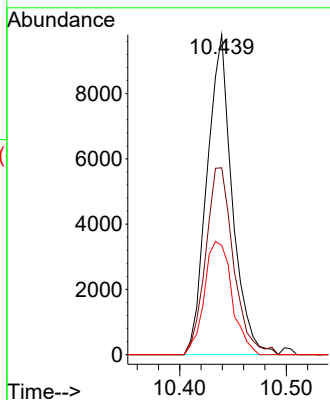
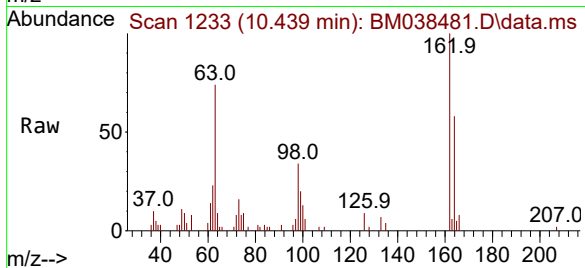
Tgt Ion:162 Resp: 16065

Ion Ratio Lower Upper

162 100

164 58.4 46.5 86.5

98 34.2 17.1 57.1



#30

1,2,4-Trichlorobenzene

Concen: 6.666 ng

RT: 10.645 min Scan# 1268

Delta R.T. -0.006 min

Lab File: BM038481.D

Acq: 18 Jan 2023 15:48

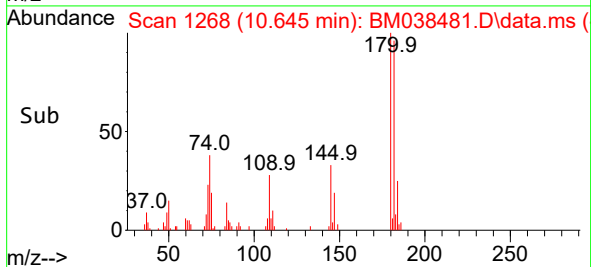
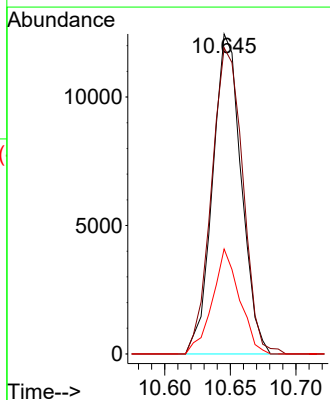
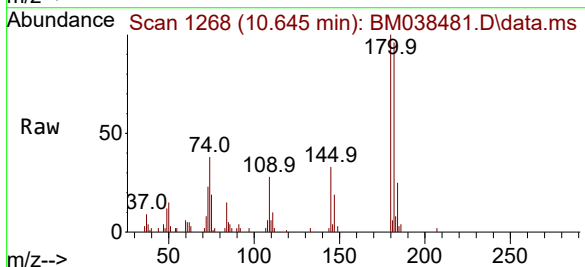
Tgt Ion:180 Resp: 18928

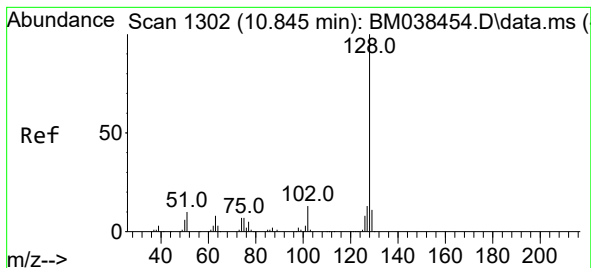
Ion Ratio Lower Upper

180 100

182 95.7 78.1 117.1

145 32.8 21.9 32.9





#31

Naphthalene

Concen: 7.124 ng

RT: 10.834 min Scan# 1179

Delta R.T. -0.006 min

Lab File: BM038481.D

Acq: 18 Jan 2023 15:48

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022

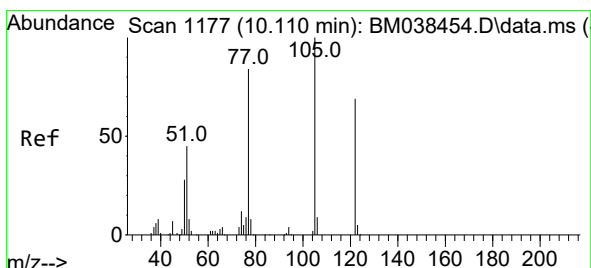
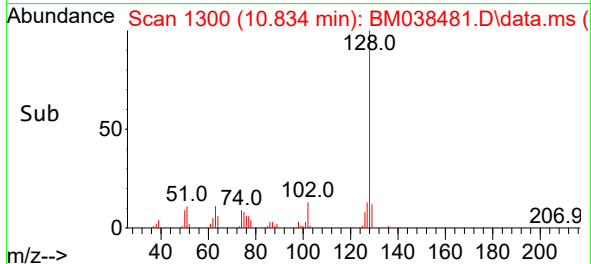
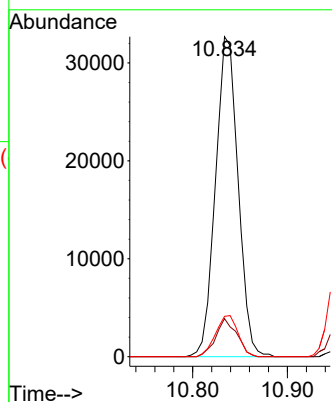
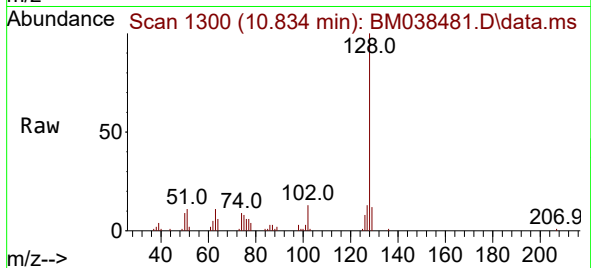
Tgt Ion:128 Resp: 54128

Ion Ratio Lower Upper

128 100

129 11.9 8.9 13.3

127 12.6 10.8 16.2



#32

Benzoic acid

Concen: 5.395 ng

RT: 10.122 min Scan# 1179

Delta R.T. 0.024 min

Lab File: BM038481.D

Acq: 18 Jan 2023 15:48

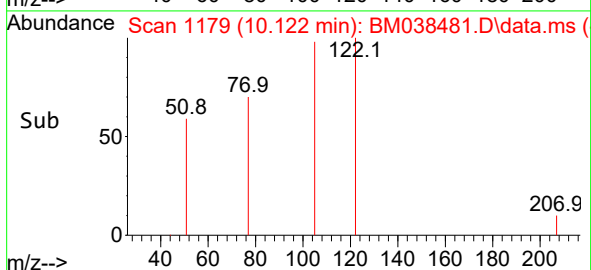
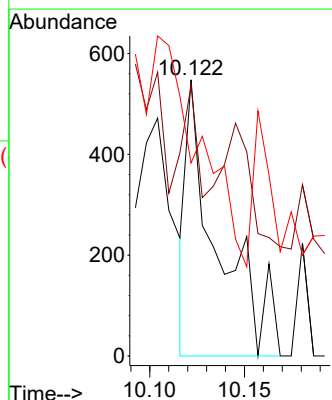
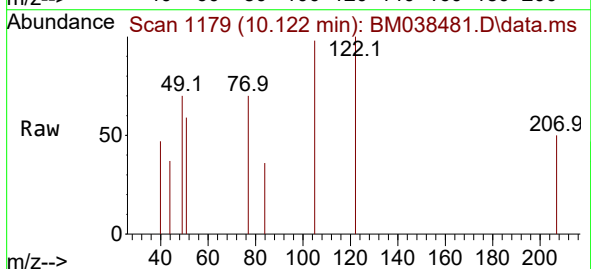
Tgt Ion:122 Resp: 627

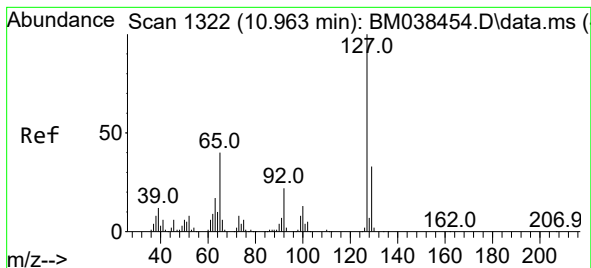
Ion Ratio Lower Upper

122 100

105 98.0 122.6 162.6#

77 69.9 101.5 141.5#





#33

4-Chloroaniline

Concen: 6.302 ng

RT: 10.957 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM038481.D

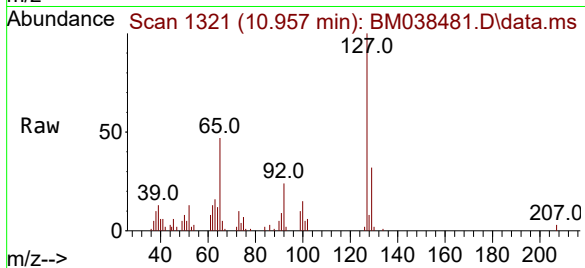
Acq: 18 Jan 2023 15:48

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022



Tgt Ion:127 Resp: 21019

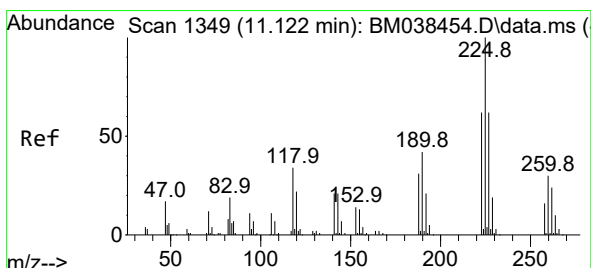
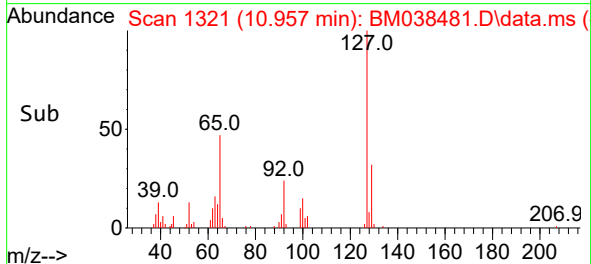
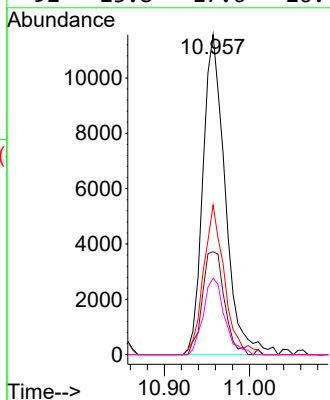
Ion Ratio Lower Upper

127 100

129 32.2 26.4 39.6

65 46.7 32.1 48.1

92 23.8 17.6 26.4



#34

Hexachlorobutadiene

Concen: 7.302 ng

RT: 11.110 min Scan# 1347

Delta R.T. 0.000 min

Lab File: BM038481.D

Acq: 18 Jan 2023 15:48

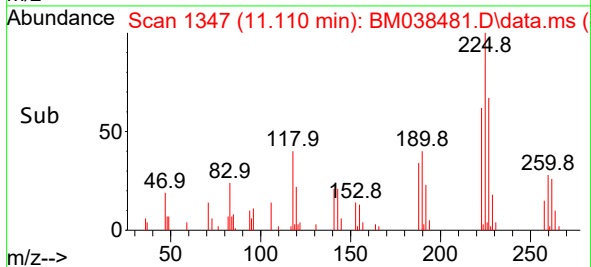
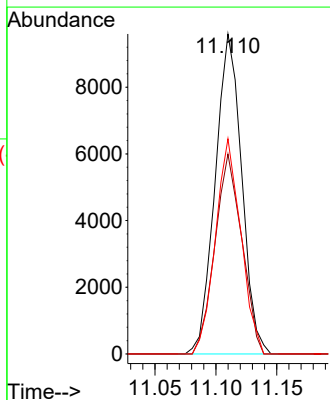
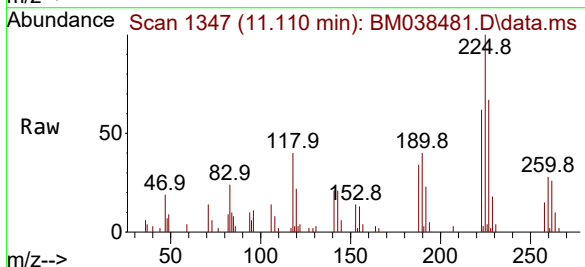
Tgt Ion:225 Resp: 14539

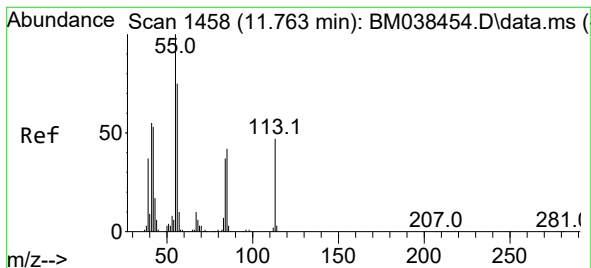
Ion Ratio Lower Upper

225 100

223 65.4 49.8 74.8

227 67.2 49.6 74.4

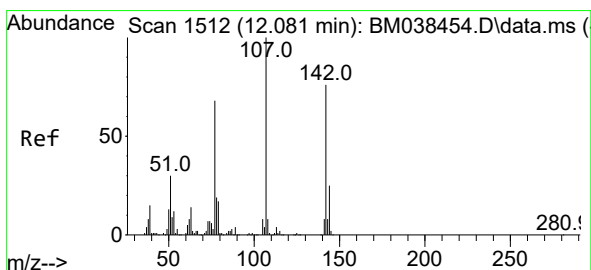
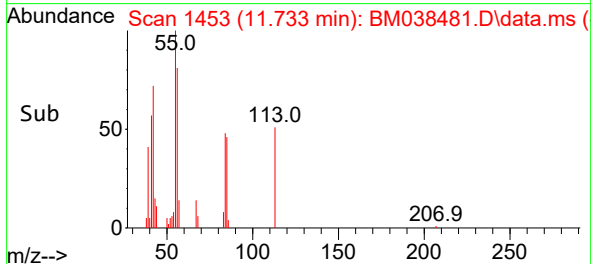
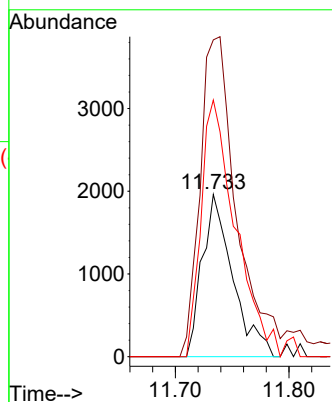
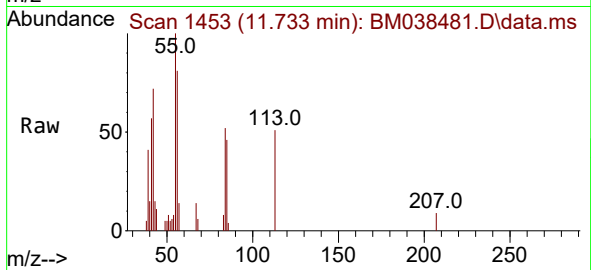




#35
Caprolactam
Concen: 5.272 ng
RT: 11.733 min Scan# 1458
Delta R.T. -0.017 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

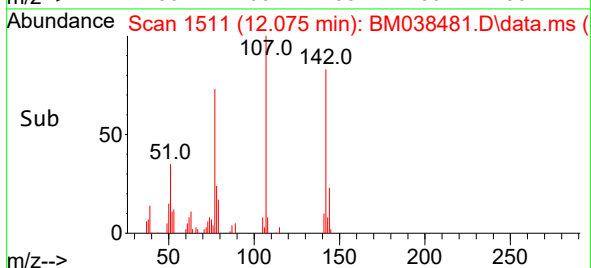
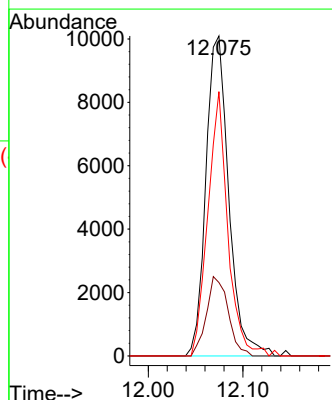
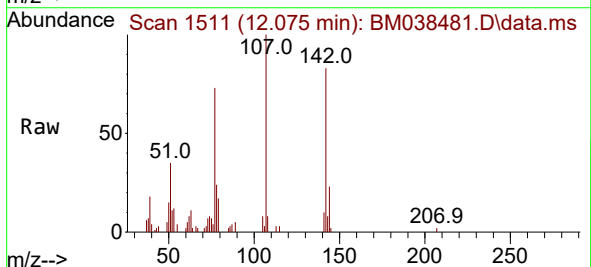
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

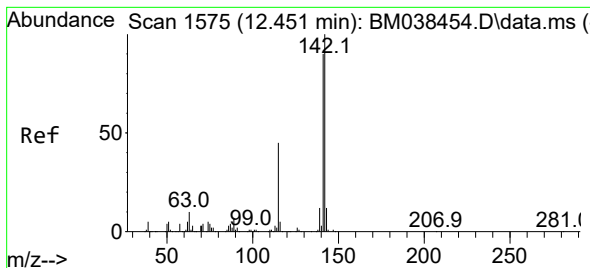
Tgt Ion:113 Resp: 3659
Ion Ratio Lower Upper
113 100
55 195.3 194.2 234.2
56 158.2 141.6 181.6



#36
4-Chloro-3-methylphenol
Concen: 6.328 ng
RT: 12.075 min Scan# 1511
Delta R.T. 0.000 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

Tgt Ion:107 Resp: 16941
Ion Ratio Lower Upper
107 100
144 23.0 20.3 30.5
142 82.6 61.2 91.8

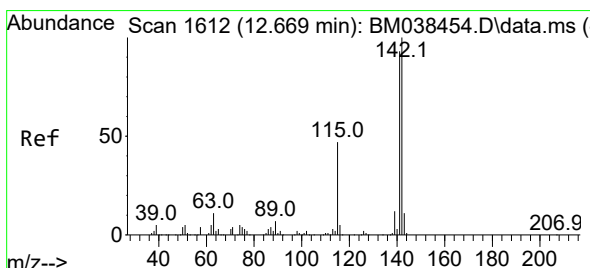
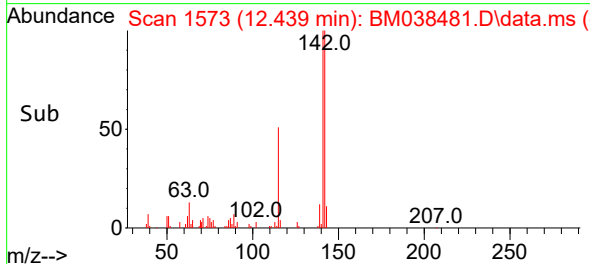
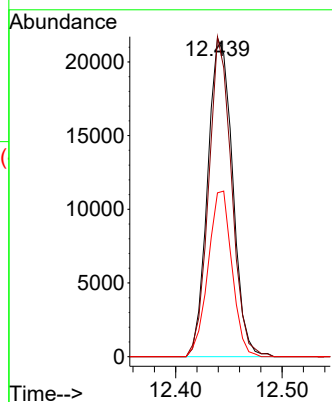
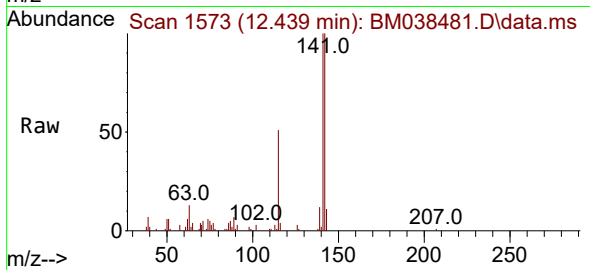




#37
2-Methylnaphthalene
Concen: 6.302 ng
RT: 12.439 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

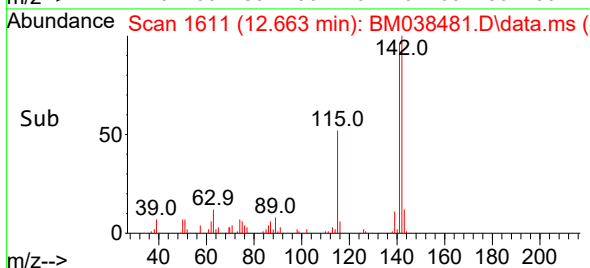
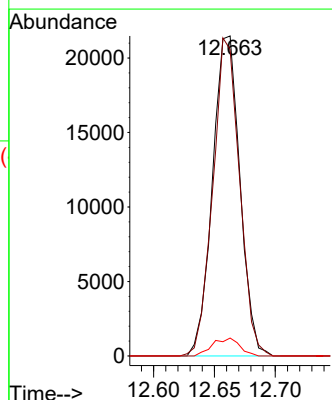
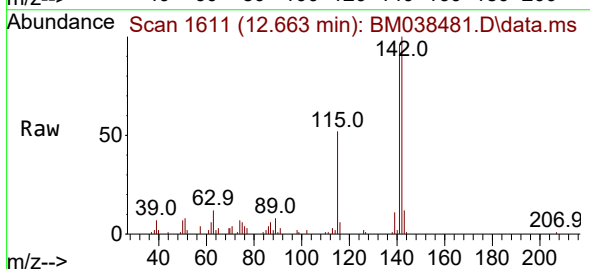
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

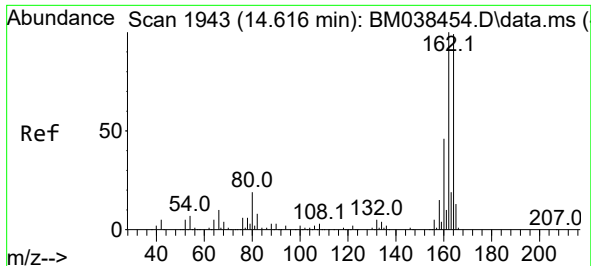
Tgt Ion:142 Resp: 35011
Ion Ratio Lower Upper
142 100
141 100.4 72.0 108.0
115 51.4 35.9 53.9



#38
1-Methylnaphthalene
Concen: 6.448 ng
RT: 12.663 min Scan# 1611
Delta R.T. 0.000 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

Tgt Ion:142 Resp: 33632
Ion Ratio Lower Upper
142 100
141 95.8 74.4 111.6
116 5.6 3.8 5.8

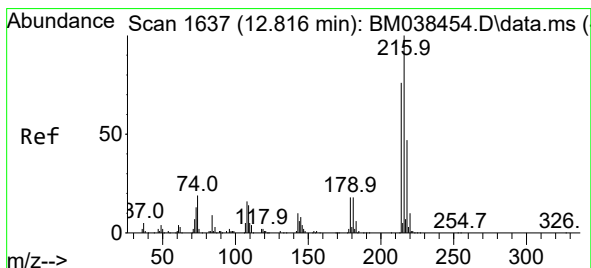
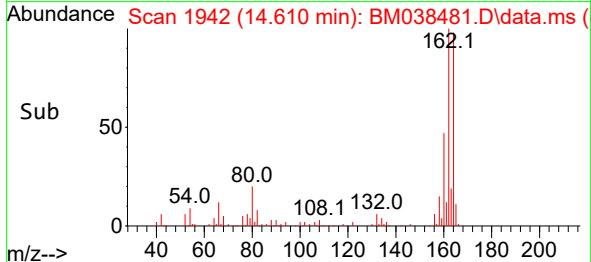
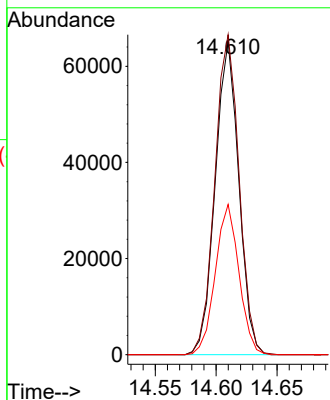
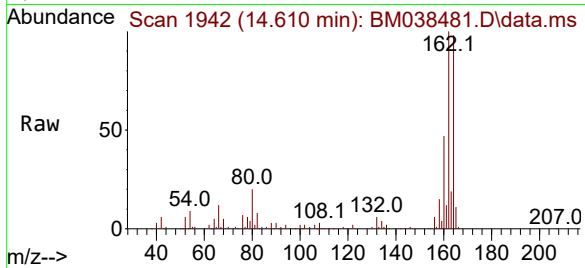




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.610 min Scan# 1943
Delta R.T. 0.000 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

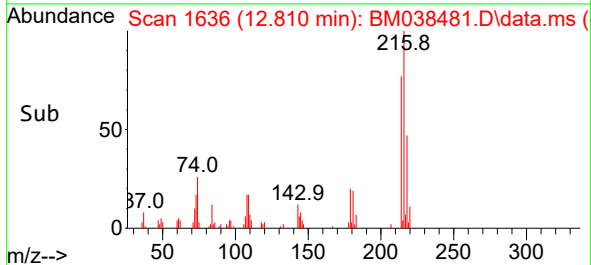
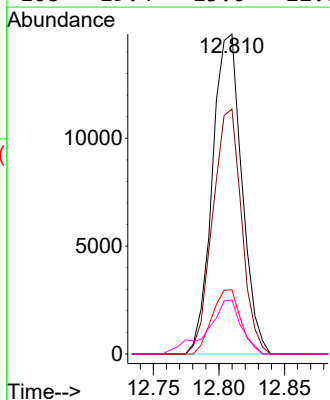
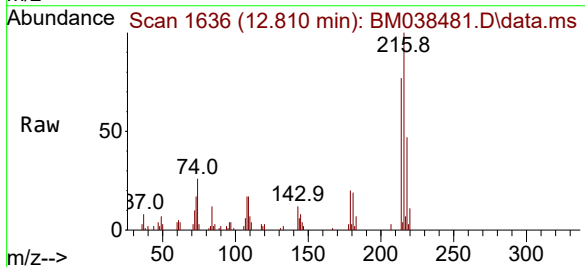
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

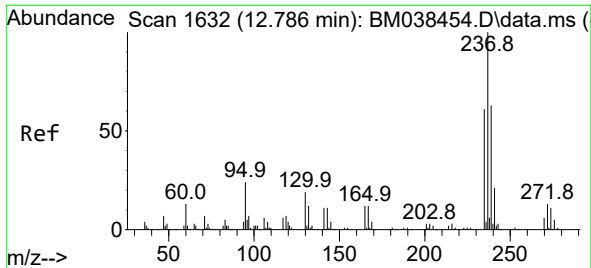
Tgt Ion:164 Resp: 87683
Ion Ratio Lower Upper
164 100
162 102.1 80.9 121.3
160 48.0 37.4 56.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 7.056 ng
RT: 12.810 min Scan# 1636
Delta R.T. 0.000 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

Tgt Ion:216 Resp: 23156
Ion Ratio Lower Upper
216 100
214 74.8 61.4 92.0
179 19.5 15.3 22.9
108 19.4 15.0 22.6

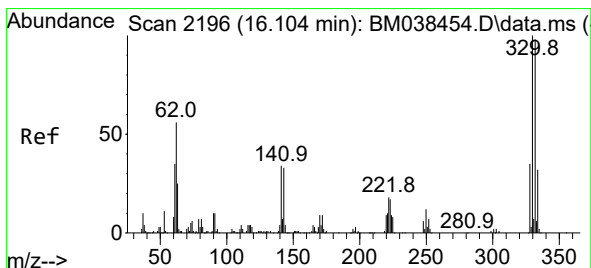
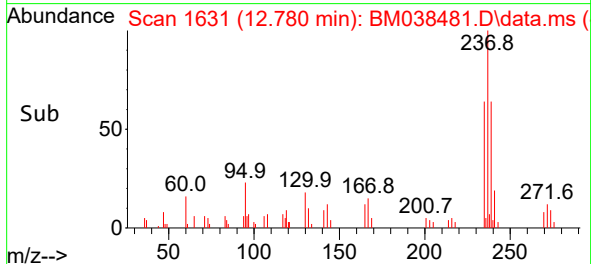
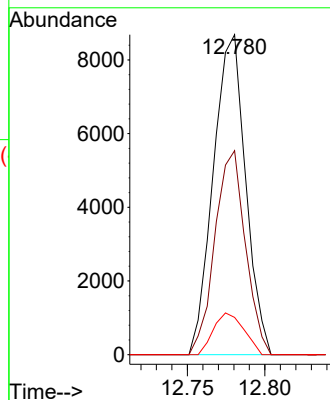
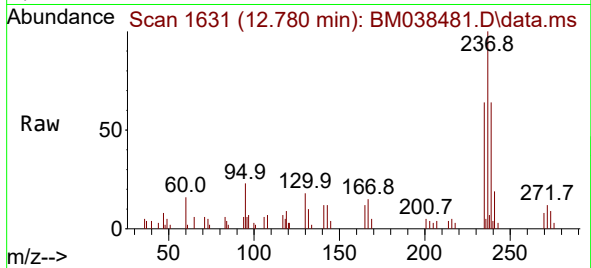




#41
Hexachlorocyclopentadiene
Concen: 6.748 ng
RT: 12.780 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

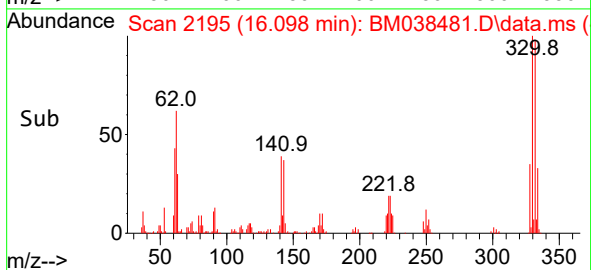
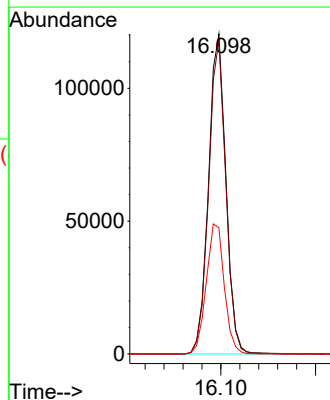
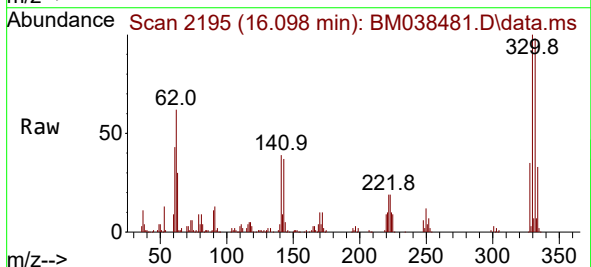
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

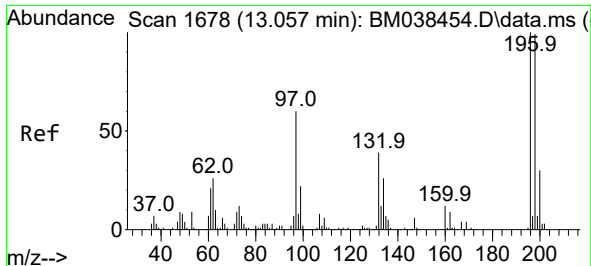
Tgt Ion:237 Resp: 12591
Ion Ratio Lower Upper
237 100
235 63.8 40.9 80.9
272 11.7 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 103.281 ng
RT: 16.098 min Scan# 2195
Delta R.T. 0.000 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

Tgt Ion:330 Resp: 153091
Ion Ratio Lower Upper
330 100
332 96.7 77.0 115.4
141 42.0 28.1 42.1





#43

2,4,6-Trichlorophenol

Concen: 6.661 ng

RT: 13.051 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM038481.D

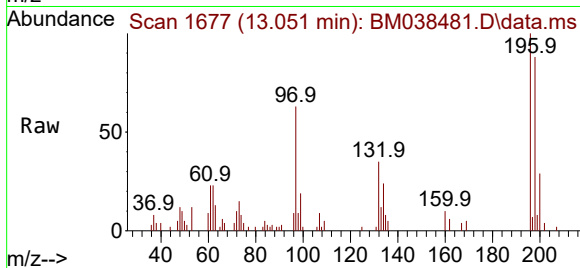
Acq: 18 Jan 2023 15:48

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022



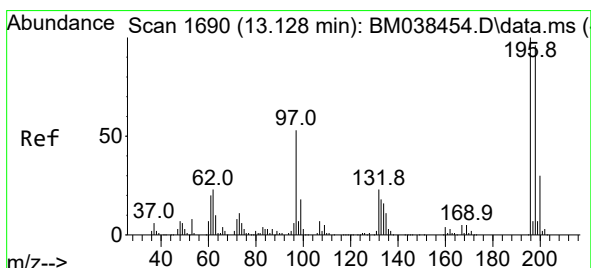
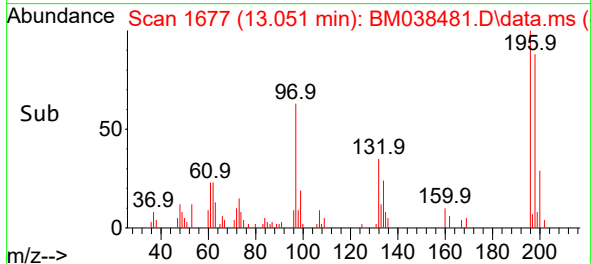
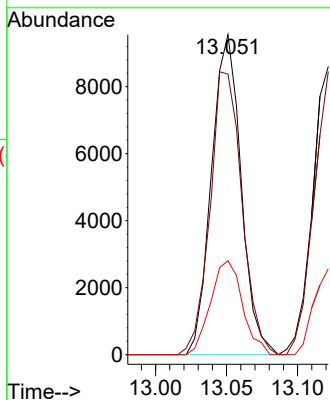
Tgt Ion:196 Resp: 13819

Ion Ratio Lower Upper

196 100

198 87.7 78.8 118.2

200 29.3 24.4 36.6



#44

2,4,5-Trichlorophenol

Concen: 6.082 ng

RT: 13.122 min Scan# 1689

Delta R.T. 0.000 min

Lab File: BM038481.D

Acq: 18 Jan 2023 15:48

Tgt Ion:196 Resp: 14877

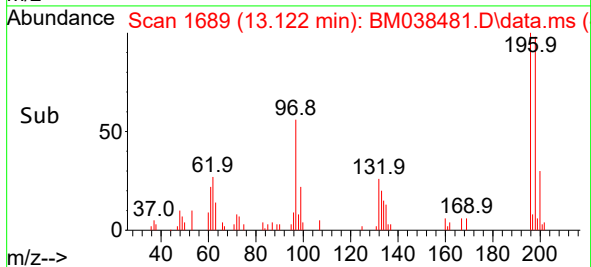
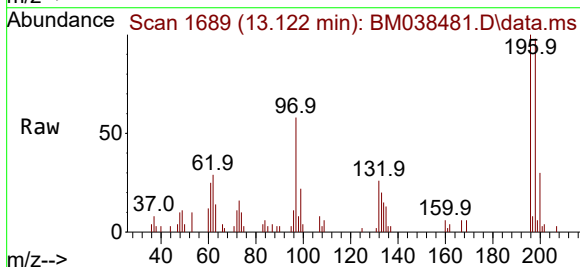
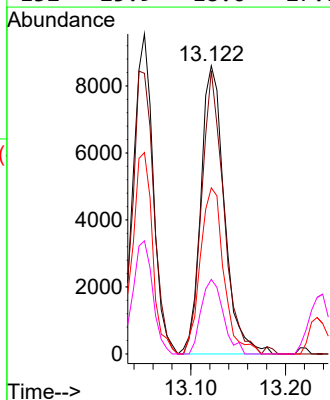
Ion Ratio Lower Upper

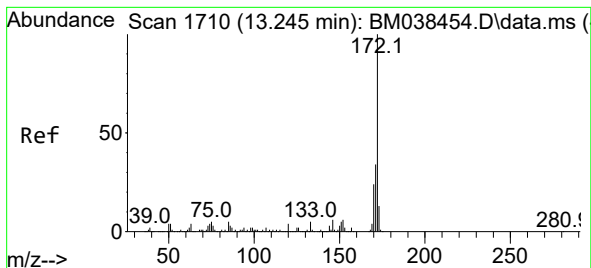
196 100

198 98.3 77.4 116.2

97 57.6 42.4 63.6

132 25.9 18.6 27.8





#45

2-Fluorobiphenyl

Concen: 70.237 ng

RT: 13.233 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM038481.D

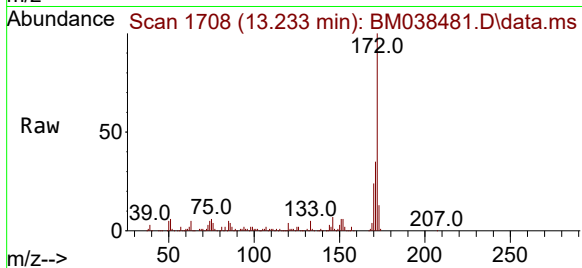
Acq: 18 Jan 2023 15:48

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022



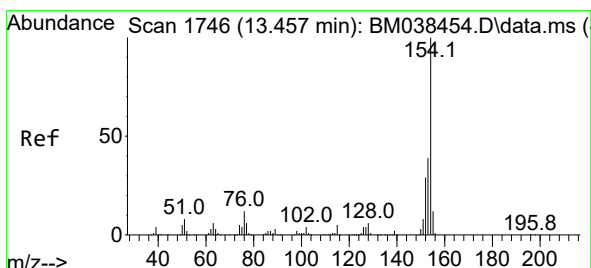
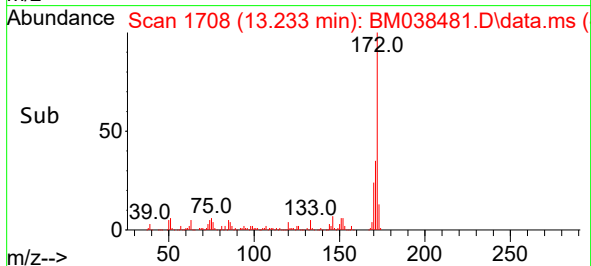
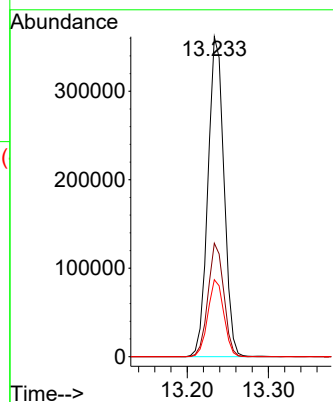
Tgt Ion:172 Resp: 493834

Ion Ratio Lower Upper

172 100

171 35.5 27.5 41.3

170 24.1 19.0 28.6



#46

1,1'-Biphenyl

Concen: 7.327 ng

RT: 13.445 min Scan# 1744

Delta R.T. 0.000 min

Lab File: BM038481.D

Acq: 18 Jan 2023 15:48

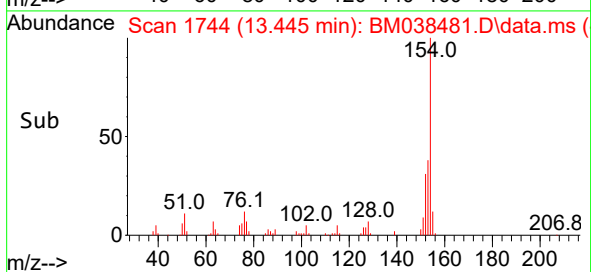
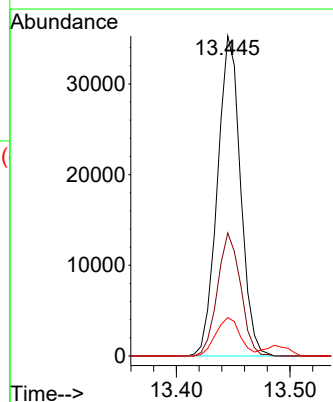
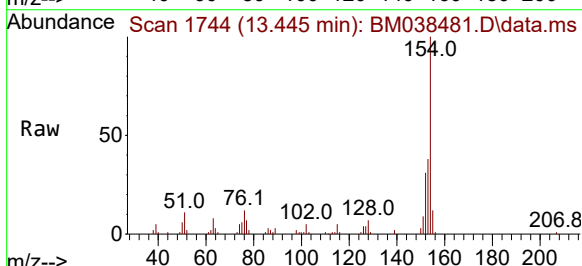
Tgt Ion:154 Resp: 49842

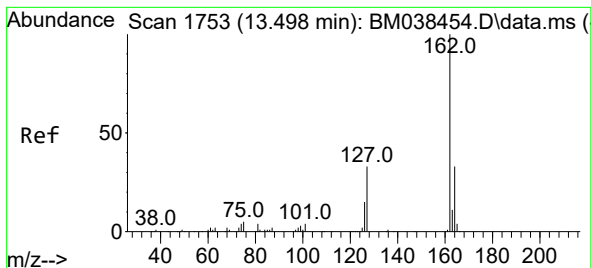
Ion Ratio Lower Upper

154 100

153 38.5 19.3 59.3

76 12.0 0.0 32.2





#47

2-Chloronaphthalene

Concen: 7.181 ng

RT: 13.486 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM038481.D

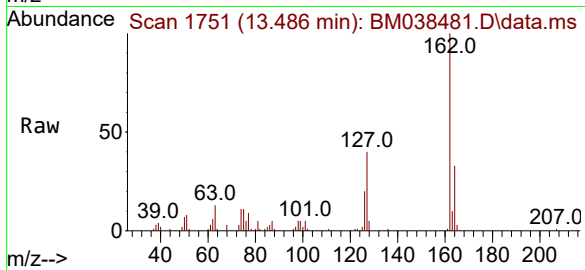
Acq: 18 Jan 2023 15:48

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022



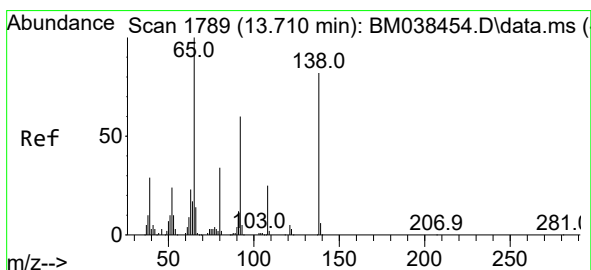
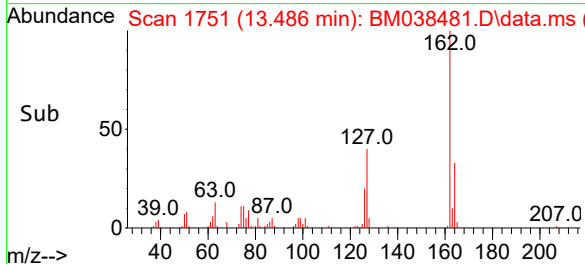
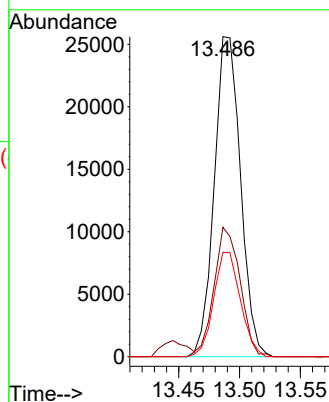
Tgt Ion:162 Resp: 38447

Ion Ratio Lower Upper

162 100

127 40.4 29.5 44.3

164 32.6 26.2 39.4



#48

2-Nitroaniline

Concen: 7.806 ng

RT: 13.704 min Scan# 1788

Delta R.T. 0.000 min

Lab File: BM038481.D

Acq: 18 Jan 2023 15:48

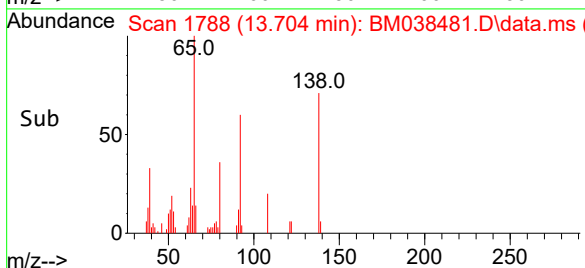
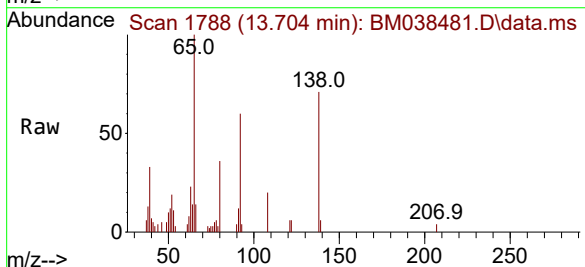
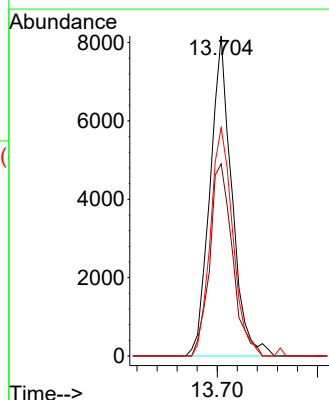
Tgt Ion: 65 Resp: 12293

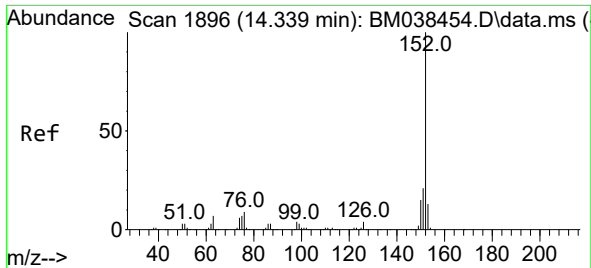
Ion Ratio Lower Upper

65 100

92 60.0 47.6 71.4

138 71.4 65.8 98.8

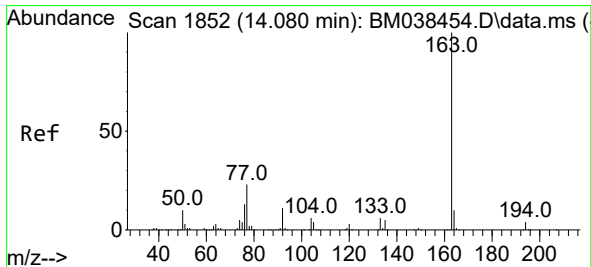
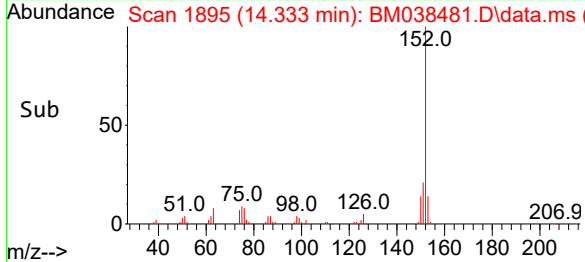
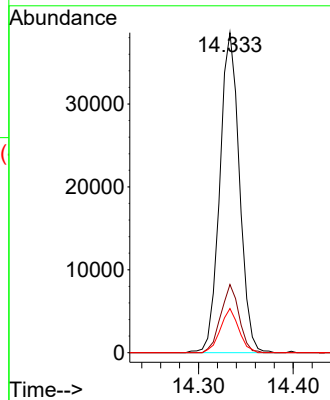
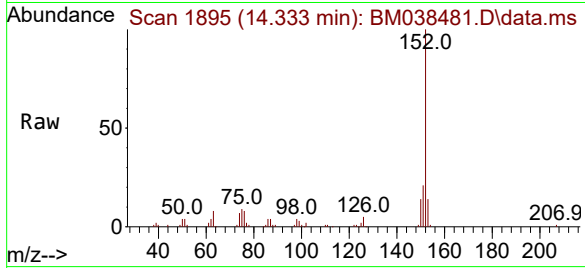




#49
Acenaphthylene
Concen: 6.590 ng
RT: 14.333 min Scan# 1895
Delta R.T. 0.000 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

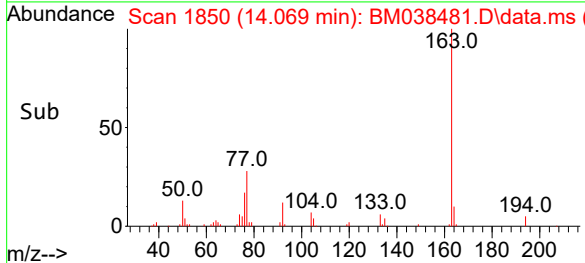
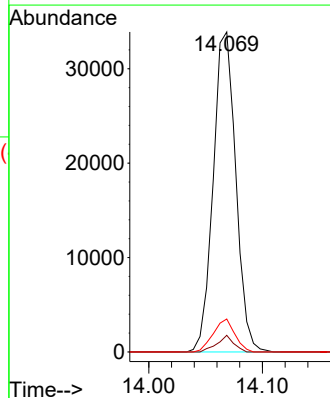
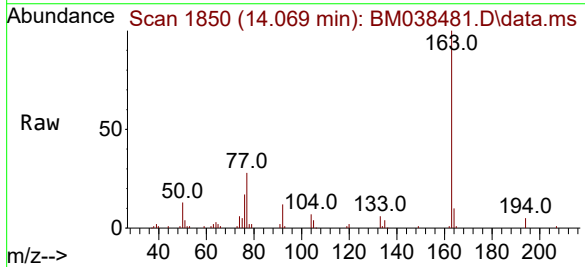
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

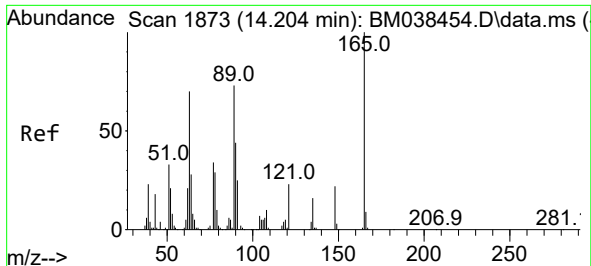
Tgt Ion:	152	Resp:	55624
Ion Ratio	Lower	Upper	
152	100		
151	21.3	16.4	24.6
153	13.8	10.6	15.8



#50
Dimethylphthalate
Concen: 6.601 ng
RT: 14.069 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

Tgt Ion:	163	Resp:	46906
Ion Ratio	Lower	Upper	
163	100		
194	5.2	3.6	5.4
164	10.3	7.8	11.8

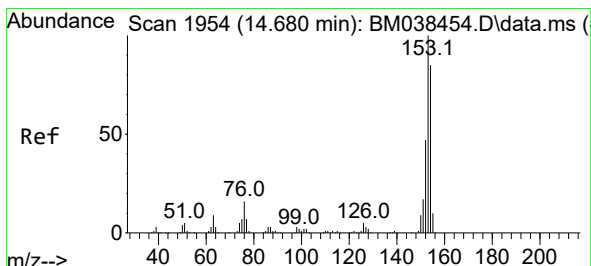
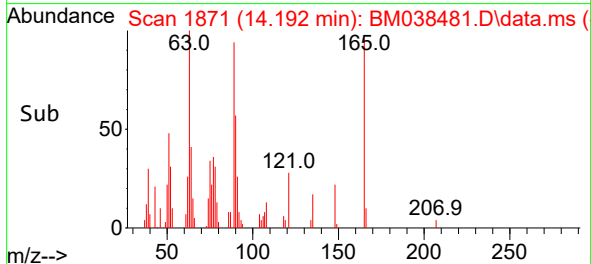
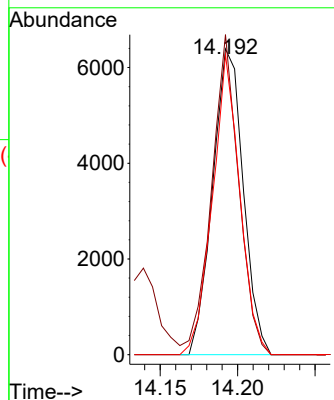
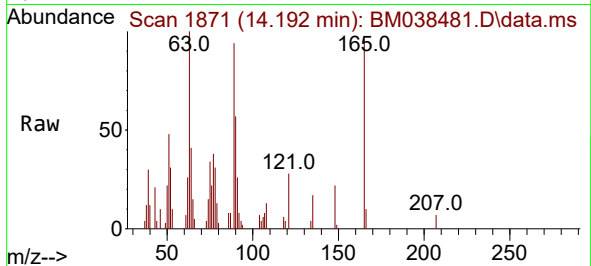




#51
2,6-Dinitrotoluene
Concen: 6.061 ng
RT: 14.192 min Scan# 1871
Delta R.T. -0.006 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

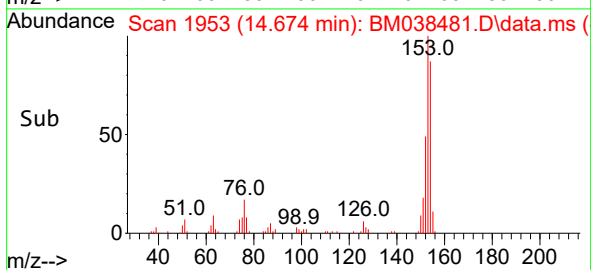
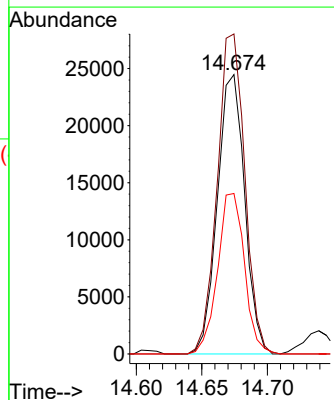
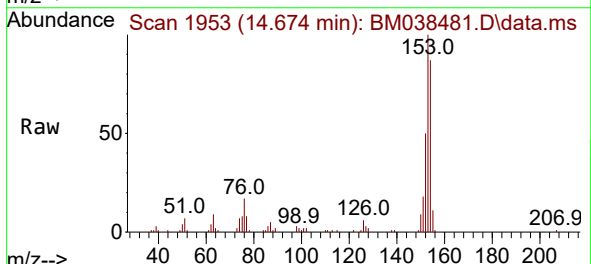
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

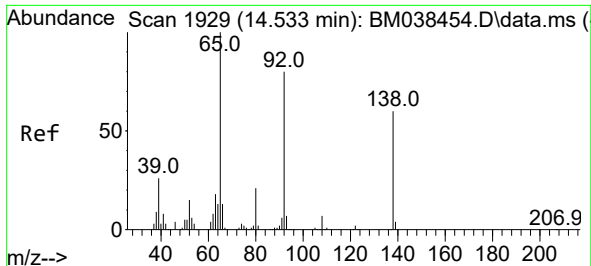
Tgt Ion:165 Resp: 8762
Ion Ratio Lower Upper
165 100
63 104.6 60.9 91.3#
89 98.2 58.6 87.8#



#52
Acenaphthene
Concen: 6.902 ng
RT: 14.674 min Scan# 1953
Delta R.T. 0.000 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

Tgt Ion:154 Resp: 35406
Ion Ratio Lower Upper
154 100
153 114.5 93.8 140.6
152 57.5 44.2 66.4

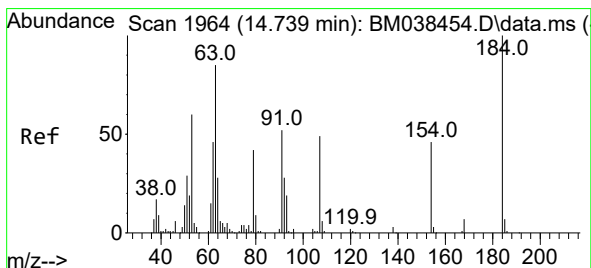
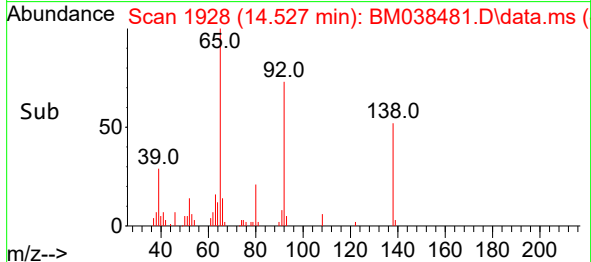
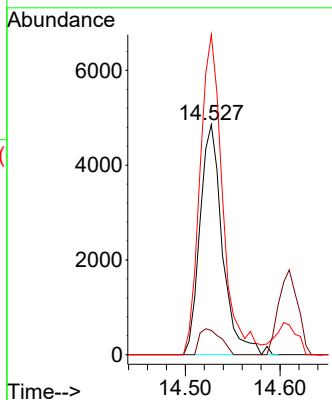
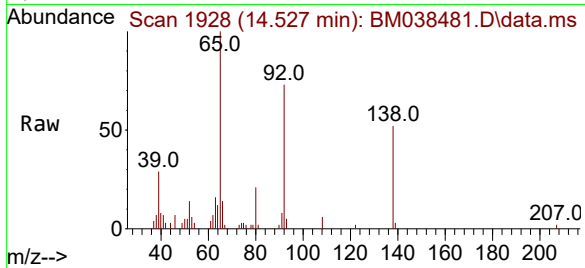




#53
3-Nitroaniline
Concen: 7.394 ng
RT: 14.527 min Scan# 1928
Delta R.T. 0.000 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

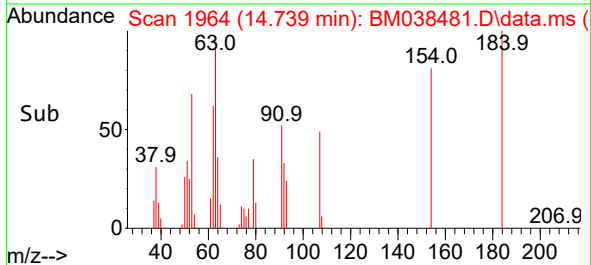
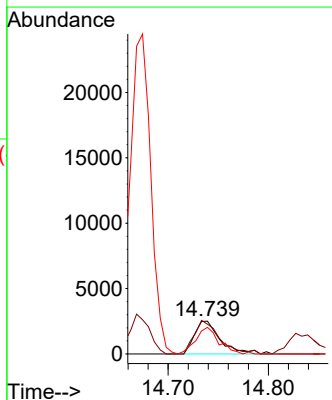
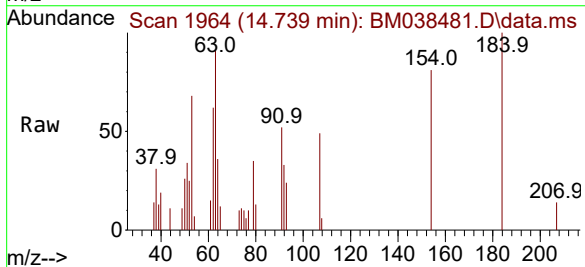
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

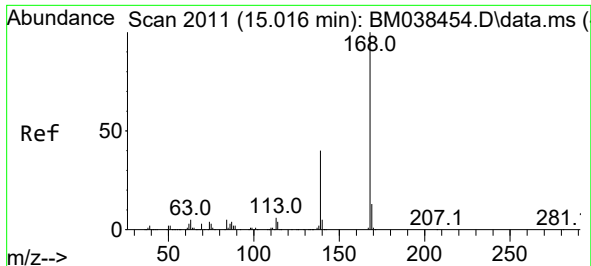
Tgt Ion:138 Resp: 7992
Ion Ratio Lower Upper
138 100
108 10.6 8.9 13.3
92 139.1 106.4 159.6



#54
2,4-Dinitrophenol
Concen: 9.046 ng
RT: 14.739 min Scan# 1964
Delta R.T. 0.006 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

Tgt Ion:184 Resp: 4506
Ion Ratio Lower Upper
184 100
63 90.8 70.0 105.0
154 81.1 55.6 83.4

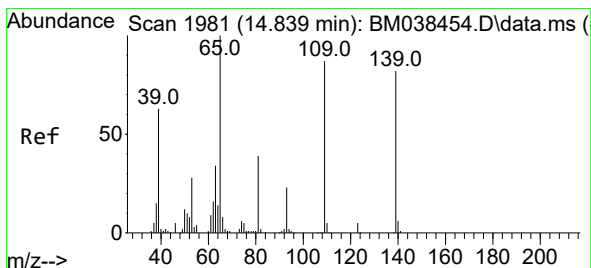
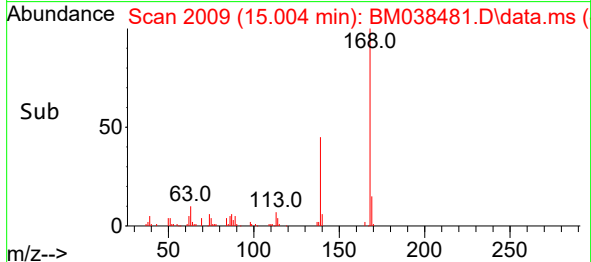
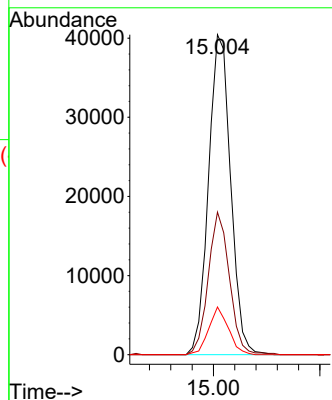
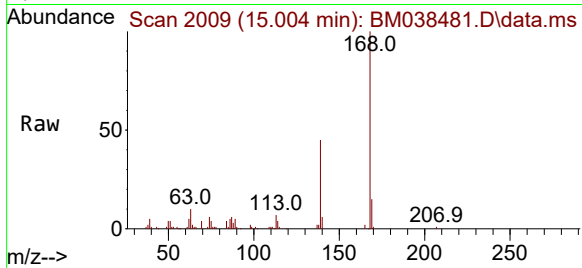




#55
Dibenzenofuran
Concen: 6.663 ng
RT: 15.004 min Scan# 20
Delta R.T. -0.006 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

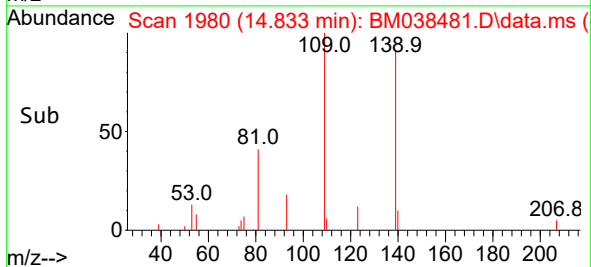
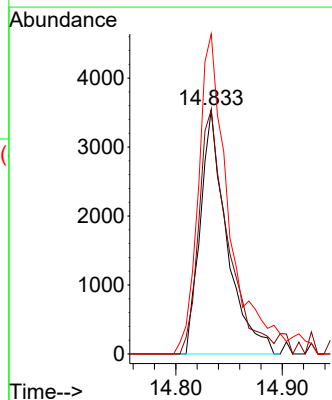
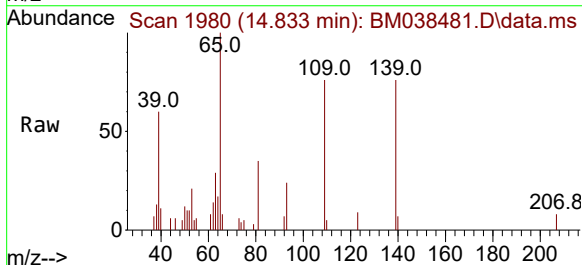
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

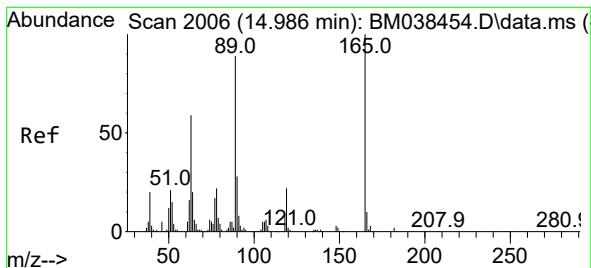
Tgt Ion:168 Resp: 58194
Ion Ratio Lower Upper
168 100
139 44.5 31.9 47.9
169 14.9 10.5 15.7



#56
4-Nitrophenol
Concen: 8.348 ng
RT: 14.833 min Scan# 1980
Delta R.T. 0.006 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

Tgt Ion:139 Resp: 6132
Ion Ratio Lower Upper
139 100
109 100.1 86.0 126.0
65 131.1 102.7 142.7

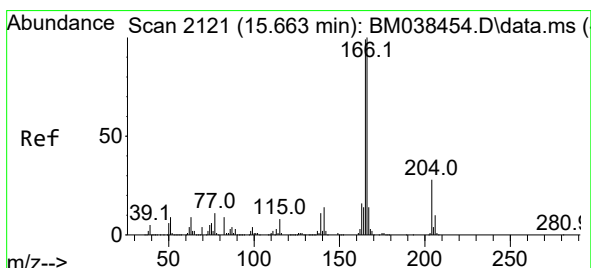
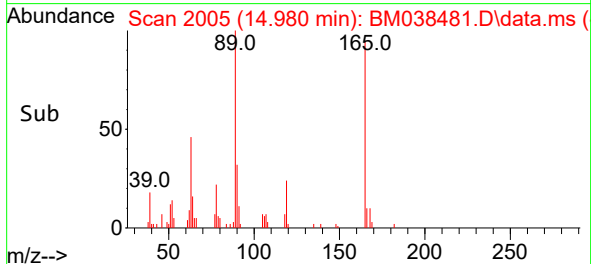
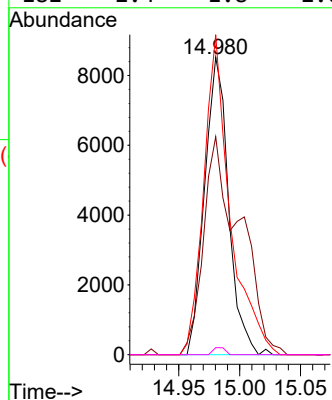
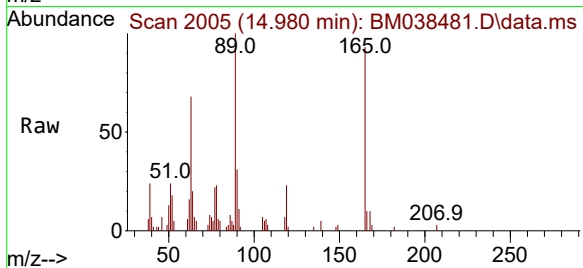




#57
2,4-Dinitrotoluene
Concen: 5.800 ng
RT: 14.980 min Scan# 2006
Delta R.T. 0.000 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

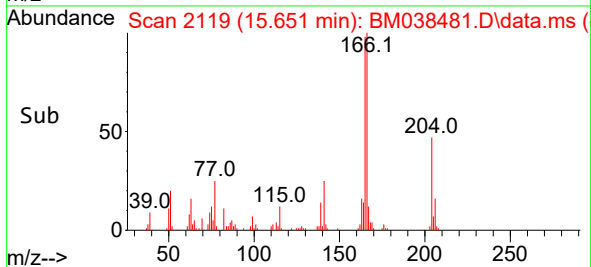
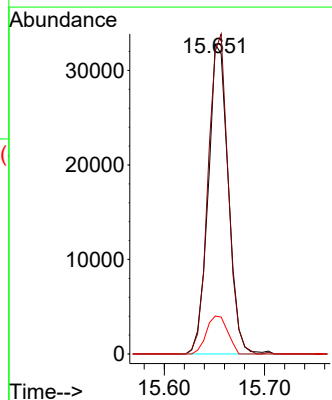
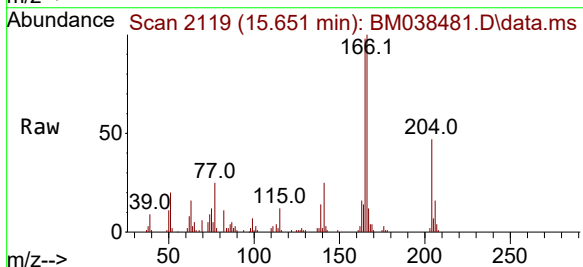
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

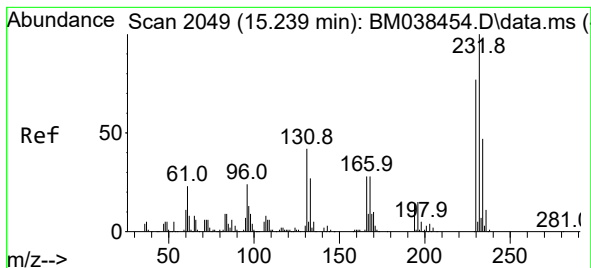
Tgt Ion:165 Resp: 11655
Ion Ratio Lower Upper
165 100
63 73.3 47.7 71.5#
89 107.6 71.5 107.3#
182 2.4 1.8 2.6



#58
Fluorene
Concen: 6.274 ng
RT: 15.651 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

Tgt Ion:166 Resp: 45782
Ion Ratio Lower Upper
166 100
165 97.7 79.2 118.8
167 12.3 11.0 16.4

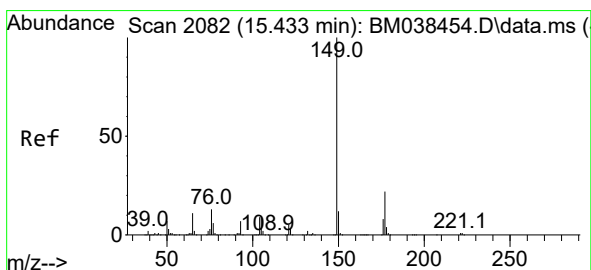
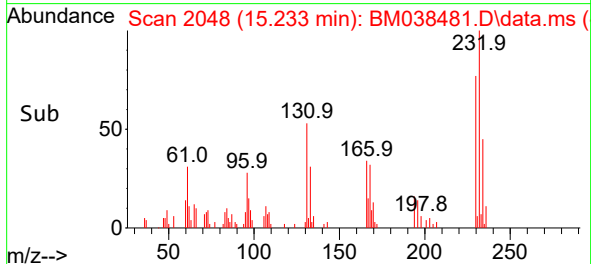
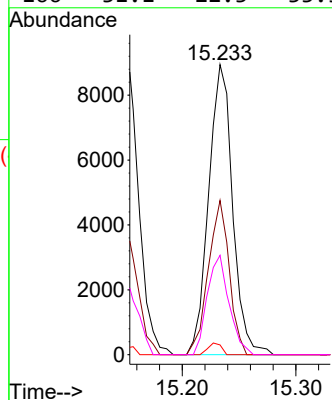
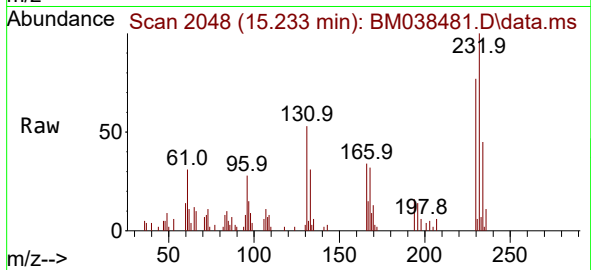




#59
2,3,4,6-Tetrachlorophenol
Concen: 6.038 ng
RT: 15.233 min Scan# 2048
Delta R.T. 0.000 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

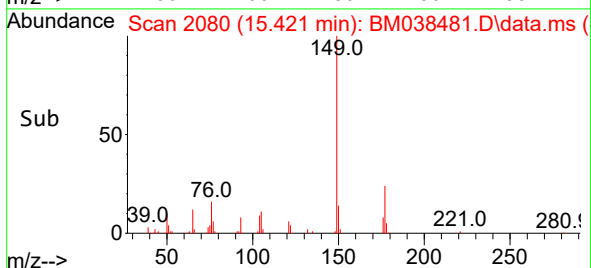
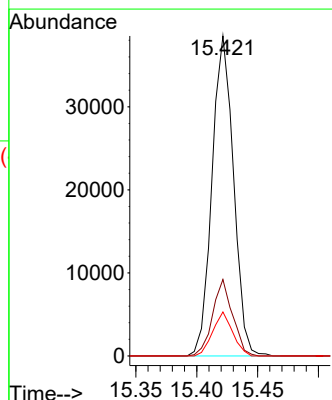
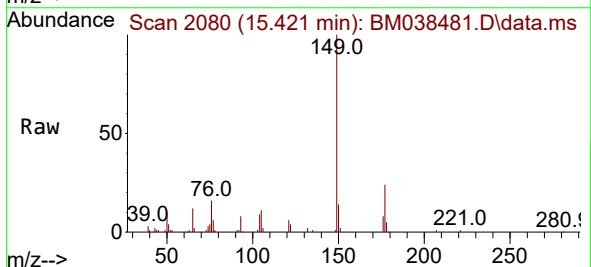
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

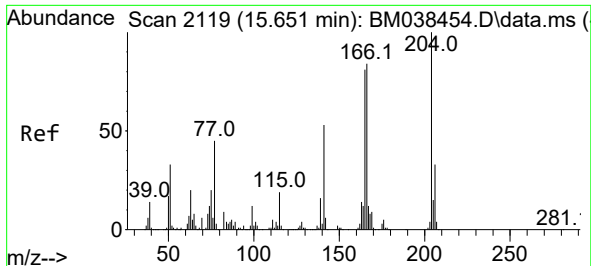
Tgt Ion:	232	Resp:	13095
Ion Ratio	Lower	Upper	
232	100		
131	46.4	33.8	50.6
130	2.2	1.9	2.9
166	31.1	22.3	33.5



#60
Diethylphthalate
Concen: 6.509 ng
RT: 15.421 min Scan# 2080
Delta R.T. 0.000 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

Tgt Ion:	149	Resp:	47452
Ion Ratio	Lower	Upper	
149	100		
177	23.9	17.8	26.6
150	13.8	9.5	14.3

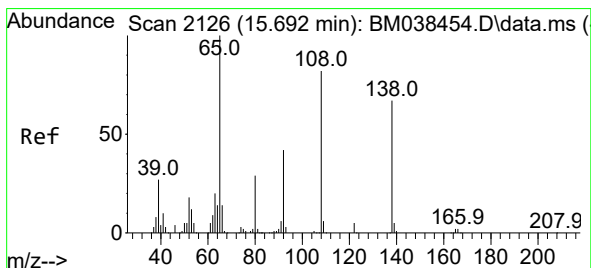
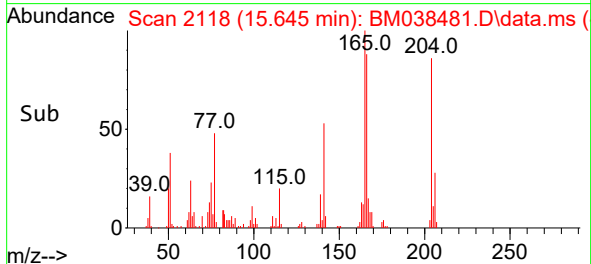
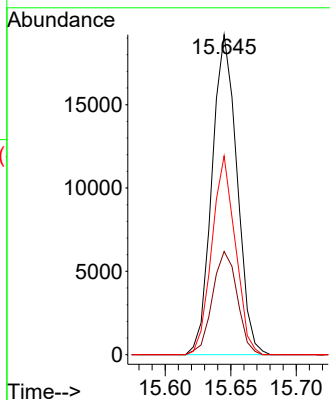
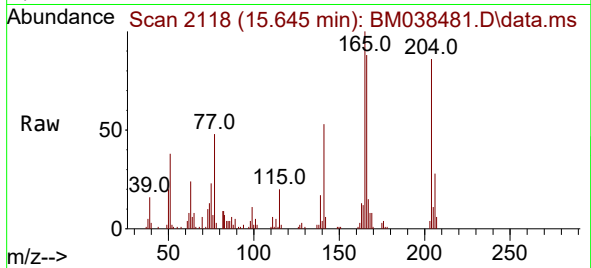




#61
4-Chlorophenyl-phenylether
Concen: 6.350 ng
RT: 15.645 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

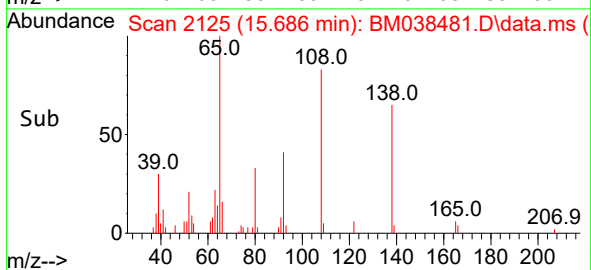
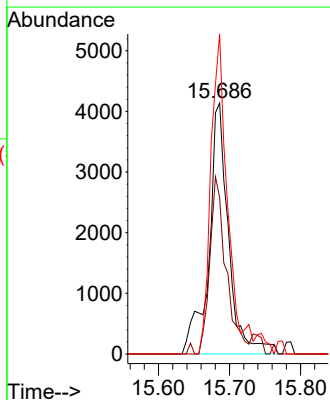
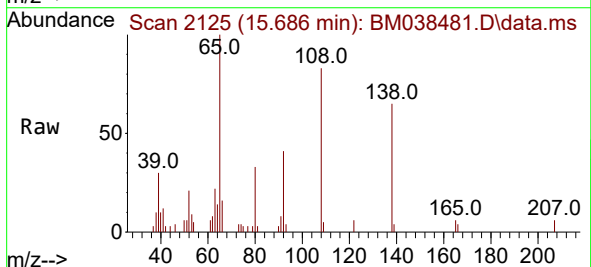
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

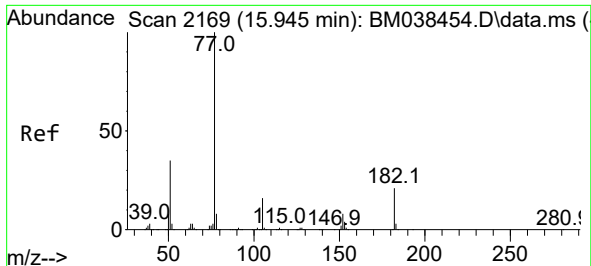
Tgt Ion:204 Resp: 25436
Ion Ratio Lower Upper
204 100
206 32.2 26.2 39.4
141 62.1 42.5 63.7



#62
4-Nitroaniline
Concen: 7.352 ng
RT: 15.686 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

Tgt Ion:138 Resp: 7959
Ion Ratio Lower Upper
138 100
92 62.4 42.1 82.1
108 127.5 102.5 142.5

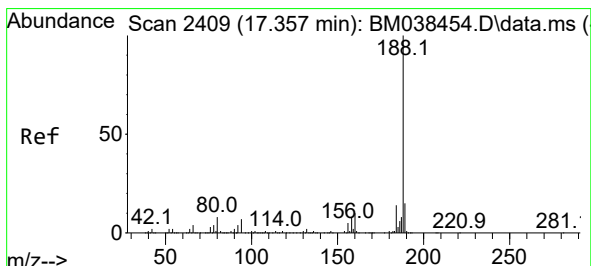
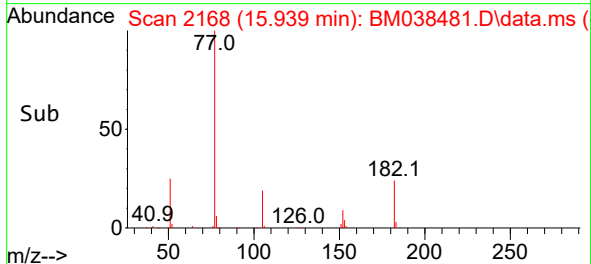
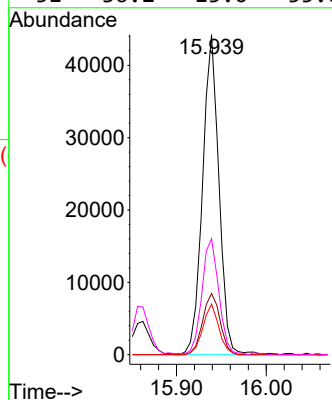
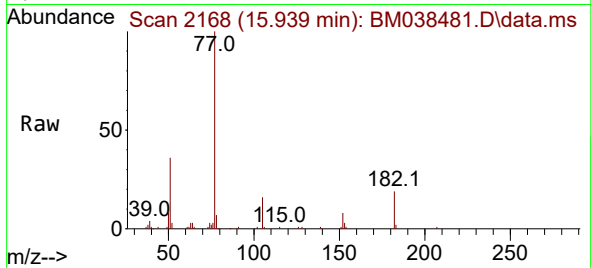




#63
 Azobenzene
 Concen: 7.013 ng
 RT: 15.939 min Scan# 2168
 Delta R.T. 0.000 min
 Lab File: BM038481.D
 Acq: 18 Jan 2023 15:48

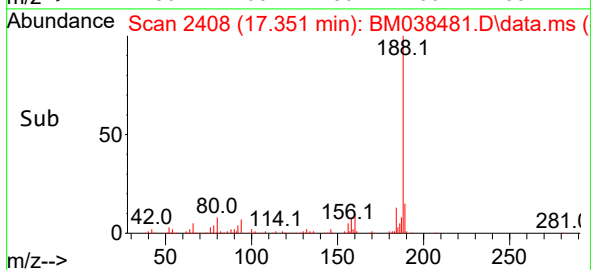
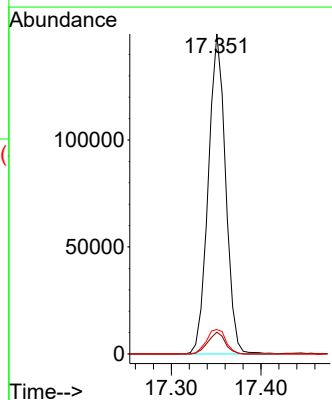
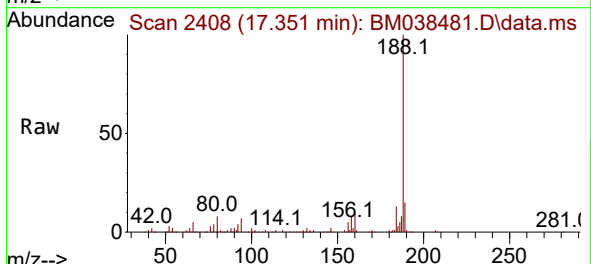
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2022

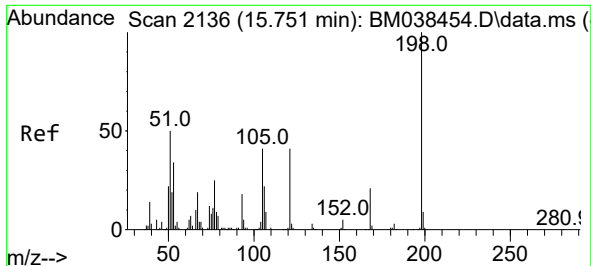
Tgt Ion: 77	Resp: 56253
Ion Ratio	Lower Upper
77 100	
182 19.1	1.1 41.1
105 15.8	0.0 36.4
51 36.2	15.0 55.0



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.351 min Scan# 2408
 Delta R.T. 0.000 min
 Lab File: BM038481.D
 Acq: 18 Jan 2023 15:48

Tgt Ion: 188	Resp: 200441
Ion Ratio	Lower Upper
188 100	
94 6.8	5.4 8.0
80 7.7	6.5 9.7

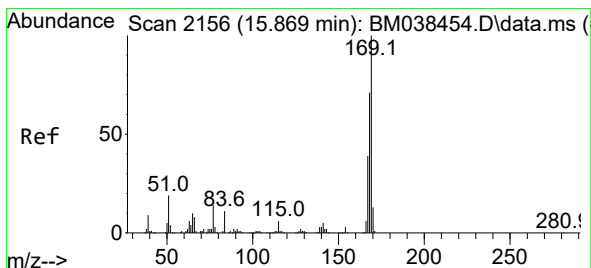
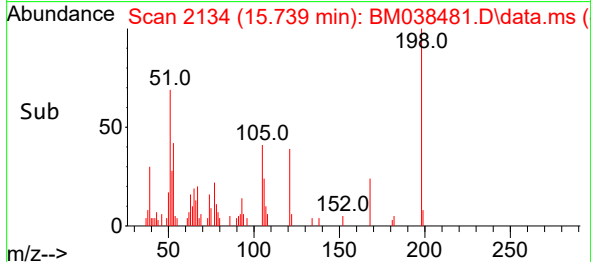
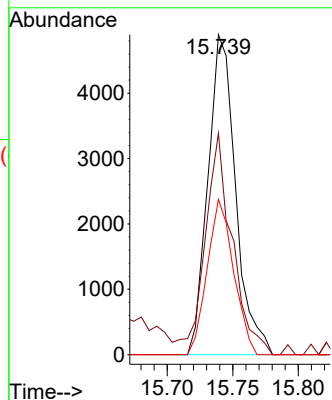
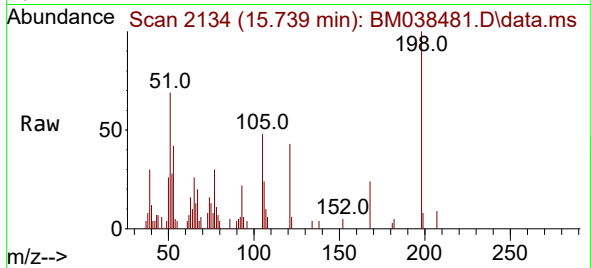




#65
4,6-Dinitro-2-methylphenol
Concen: 5.299 ng
RT: 15.739 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

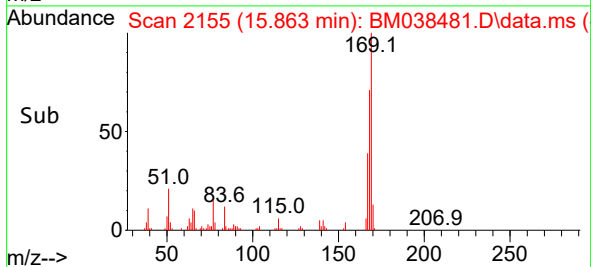
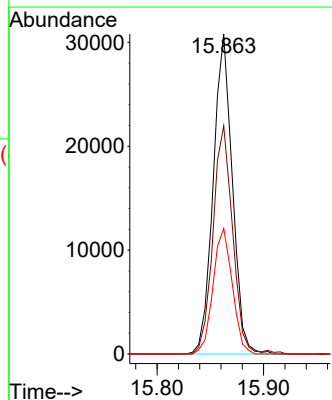
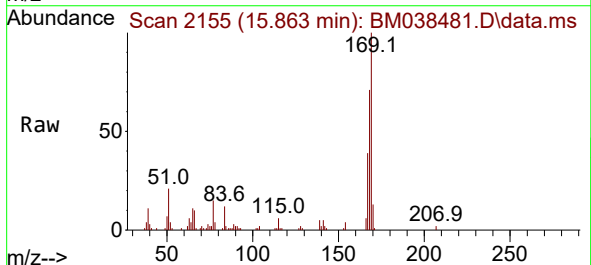
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

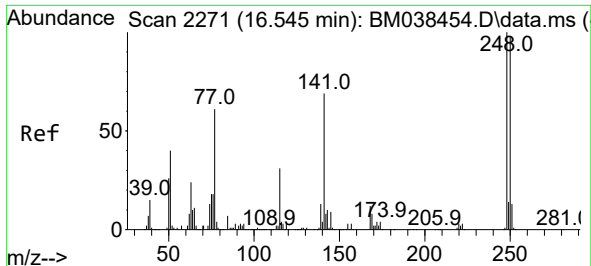
Tgt Ion:198 Resp: 7207
Ion Ratio Lower Upper
198 100
51 69.2 31.6 71.6
105 48.5 21.5 61.5



#66
n-Nitrosodiphenylamine
Concen: 6.522 ng
RT: 15.863 min Scan# 2155
Delta R.T. 0.000 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

Tgt Ion:169 Resp: 38360
Ion Ratio Lower Upper
169 100
168 71.3 56.6 85.0
167 39.2 31.1 46.7

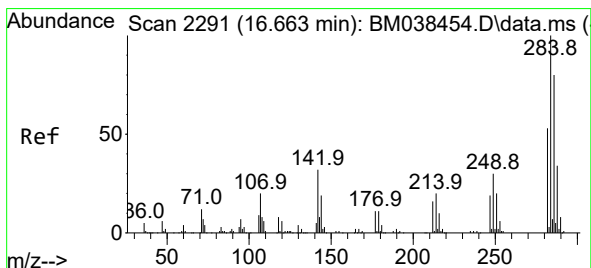
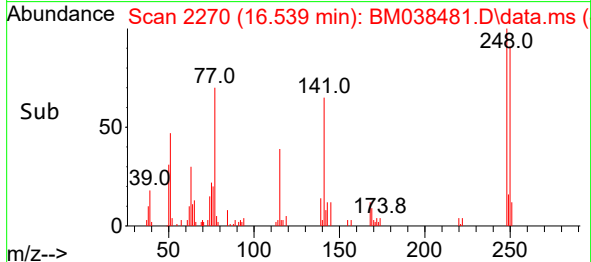
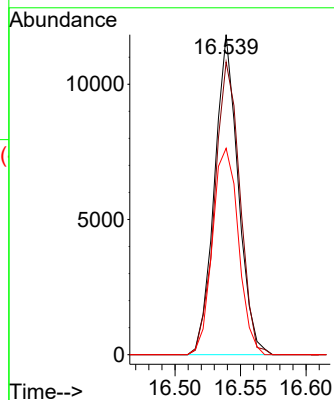
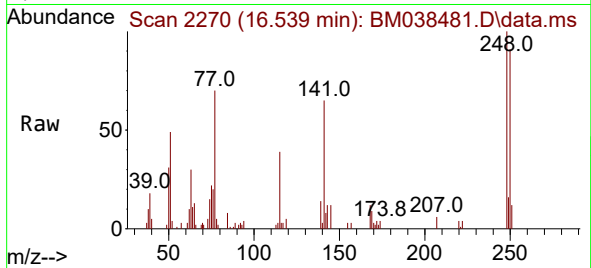




#67
4-Bromophenyl-phenylether
Concen: 6.413 ng
RT: 16.539 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

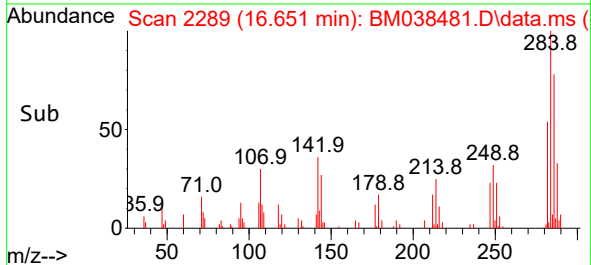
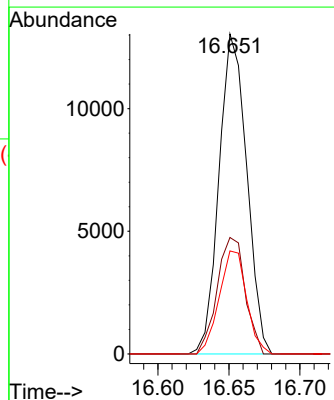
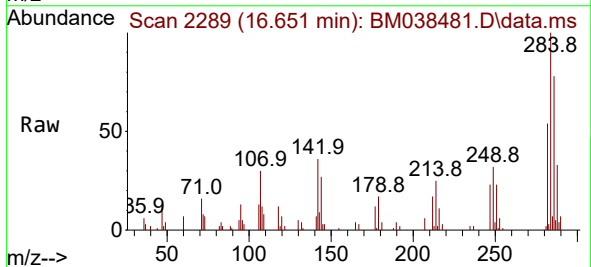
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

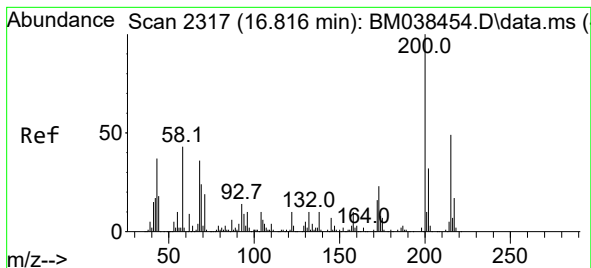
Tgt Ion:248 Resp: 14870
Ion Ratio Lower Upper
248 100
250 91.5 78.3 117.5
141 64.5 55.1 82.7



#68
Hexachlorobenzene
Concen: 6.809 ng
RT: 16.651 min Scan# 2289
Delta R.T. -0.006 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

Tgt Ion:284 Resp: 17677
Ion Ratio Lower Upper
284 100
142 36.4 26.0 39.0
249 32.2 23.8 35.8





#69

Atrazine

Concen: 6.990 ng

RT: 16.810 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM038481.D

Acq: 18 Jan 2023 15:48

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022

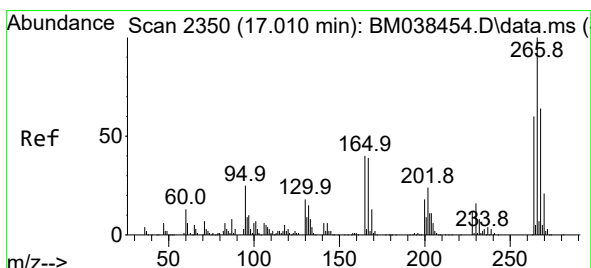
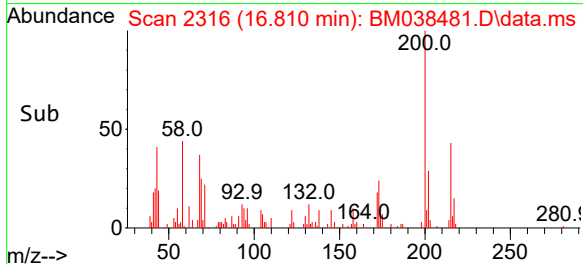
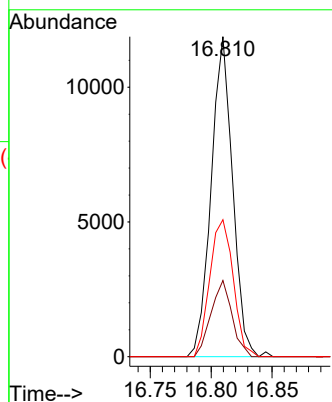
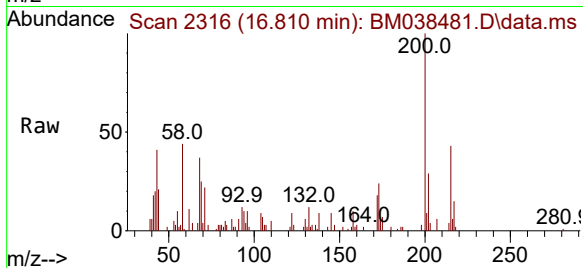
Tgt Ion:200 Resp: 14537

Ion Ratio Lower Upper

200 100

173 23.8 3.4 43.4

215 42.8 29.3 69.3



#70

Pentachlorophenol

Concen: 5.101 ng

RT: 16.998 min Scan# 2348

Delta R.T. 0.000 min

Lab File: BM038481.D

Acq: 18 Jan 2023 15:48

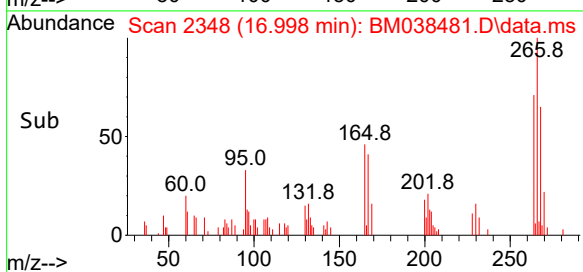
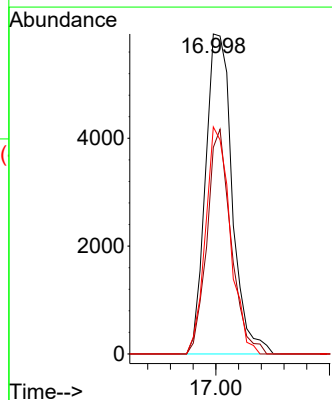
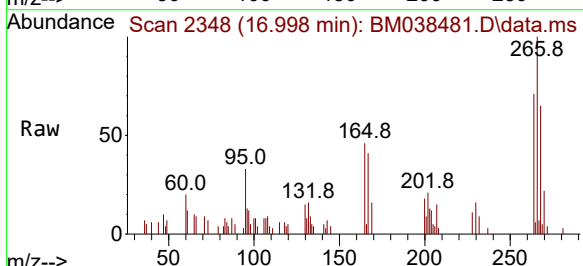
Tgt Ion:266 Resp: 9669

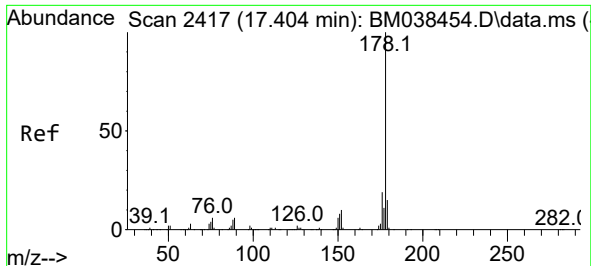
Ion Ratio Lower Upper

266 100

268 69.3 51.4 77.0

264 76.7 48.2 72.2#

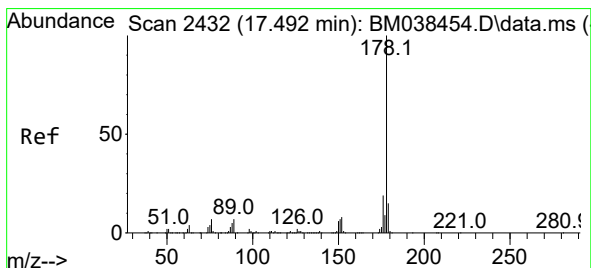
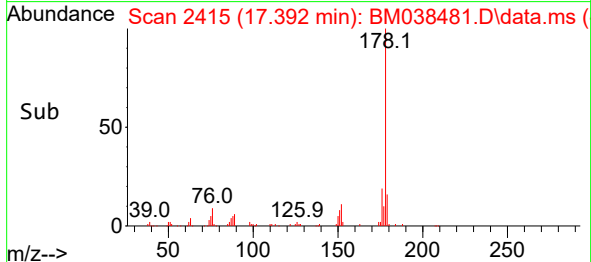
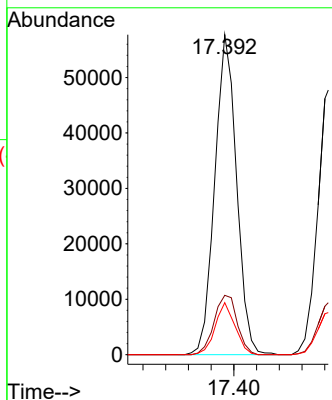
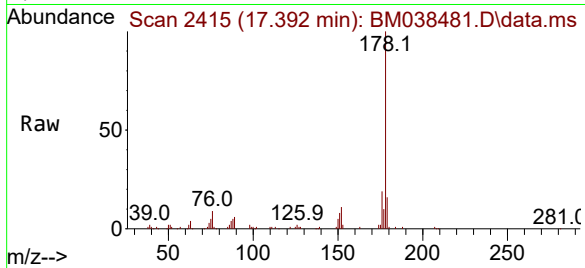




#71
Phenanthrene
Concen: 6.924 ng
RT: 17.392 min Scan# 2415
Delta R.T. 0.000 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

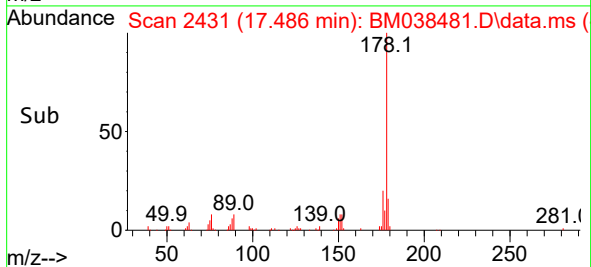
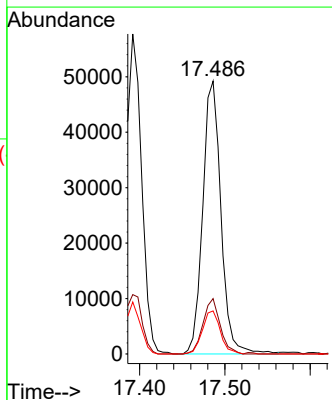
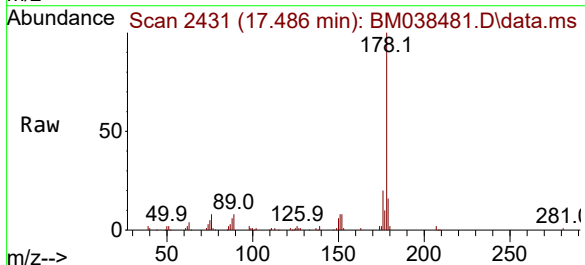
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

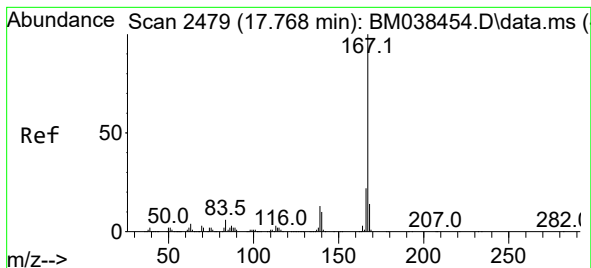
Tgt Ion:178 Resp: 76782
Ion Ratio Lower Upper
178 100
176 18.6 15.4 23.0
179 16.2 12.1 18.1



#72
Anthracene
Concen: 6.432 ng
RT: 17.486 min Scan# 2431
Delta R.T. 0.000 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

Tgt Ion:178 Resp: 73300
Ion Ratio Lower Upper
178 100
176 20.3 15.0 22.6
179 15.8 12.2 18.2





#73

Carbazole

Concen: 6.477 ng

RT: 17.757 min Scan# 24

Delta R.T. 0.000 min

Lab File: BM038481.D

Acq: 18 Jan 2023 15:48

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022

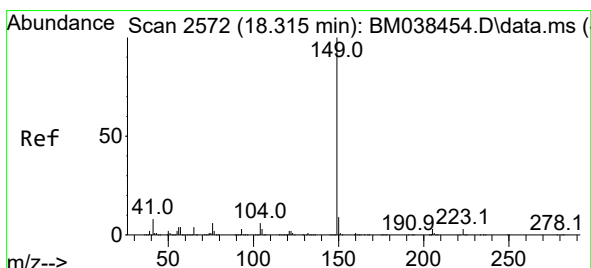
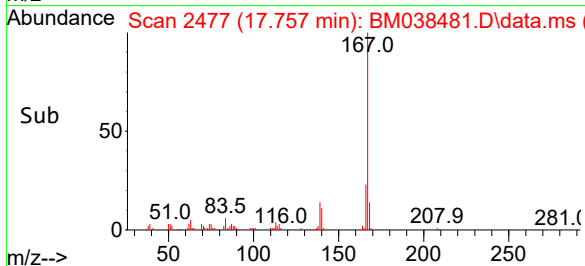
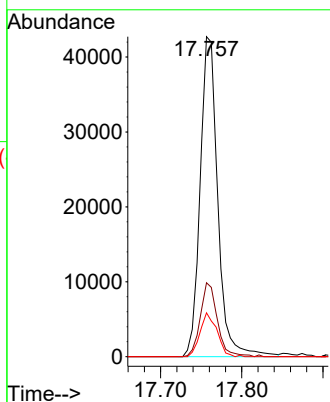
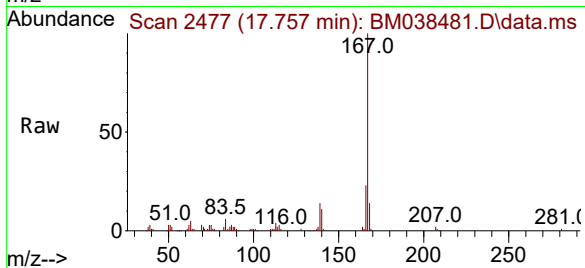
Tgt Ion:167 Resp: 64553

Ion Ratio Lower Upper

167 100

166 23.1 17.4 26.0

139 13.7 10.1 15.1



#74

Di-n-butylphthalate

Concen: 6.551 ng

RT: 18.310 min Scan# 2571

Delta R.T. 0.000 min

Lab File: BM038481.D

Acq: 18 Jan 2023 15:48

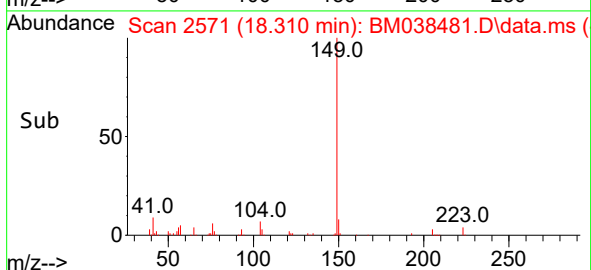
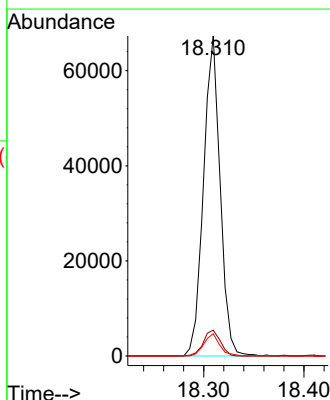
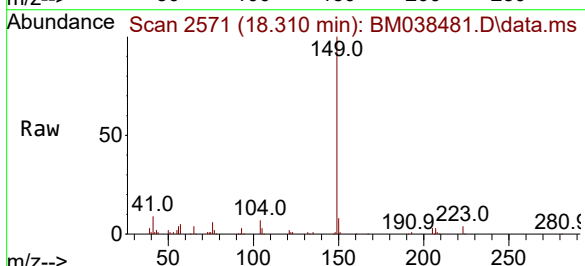
Tgt Ion:149 Resp: 77545

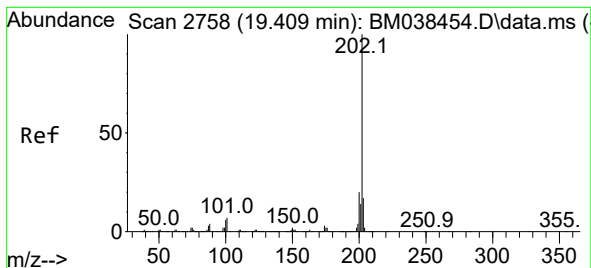
Ion Ratio Lower Upper

149 100

150 8.1 7.4 11.2

104 6.9 4.7 7.1





#75

Fluoranthene

Concen: 6.216 ng

RT: 19.404 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM038481.D

Acq: 18 Jan 2023 15:48

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022

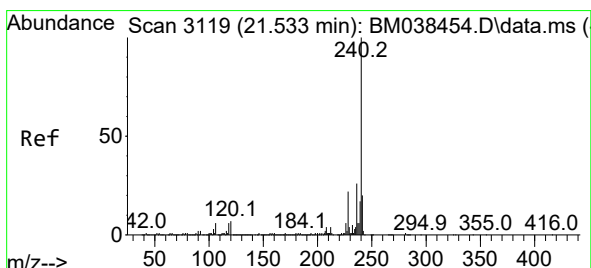
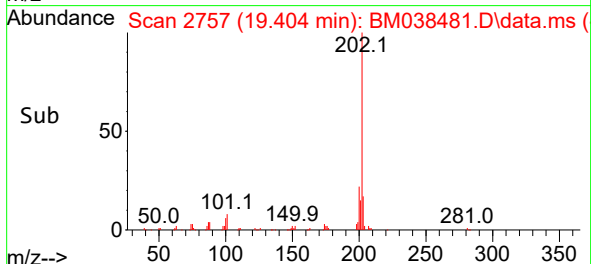
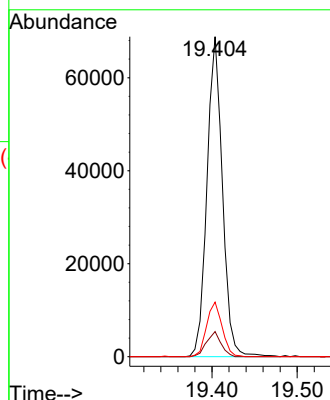
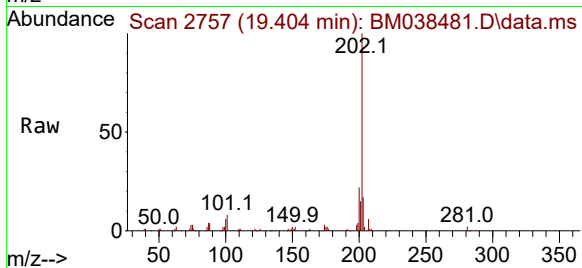
Tgt Ion:202 Resp: 86652

Ion Ratio Lower Upper

202 100

101 7.9 0.0 27.4

203 17.0 0.0 37.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.527 min Scan# 3118

Delta R.T. 0.000 min

Lab File: BM038481.D

Acq: 18 Jan 2023 15:48

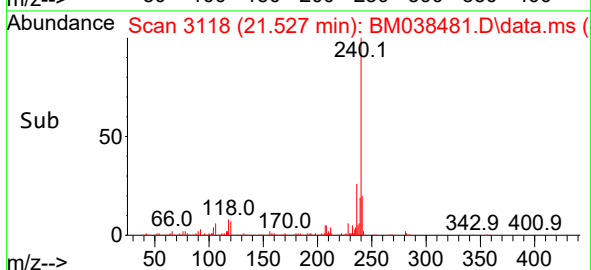
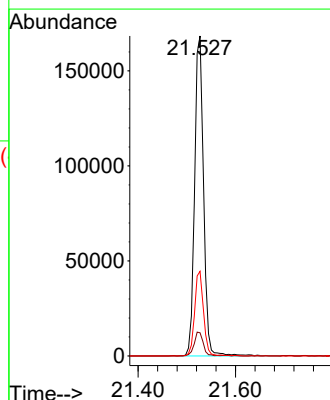
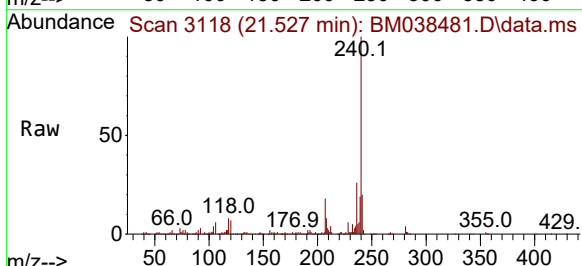
Tgt Ion:240 Resp: 216797

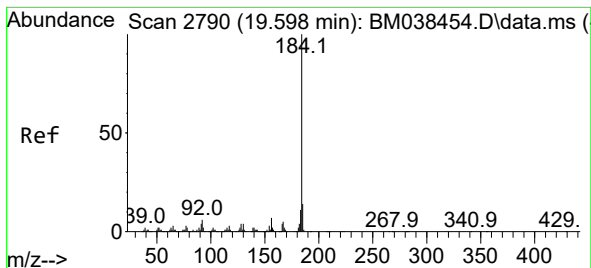
Ion Ratio Lower Upper

240 100

120 7.3 5.6 8.4

236 26.4 21.0 31.4





#77

Benzidine

Concen: 7.738 ng

RT: 19.592 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM038481.D

Acq: 18 Jan 2023 15:48

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022

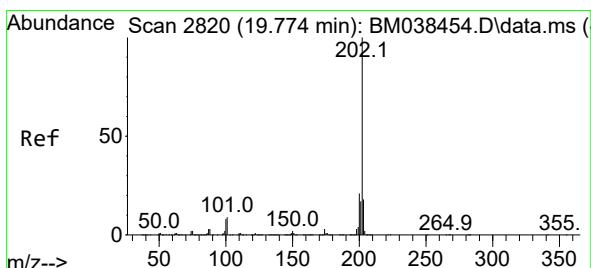
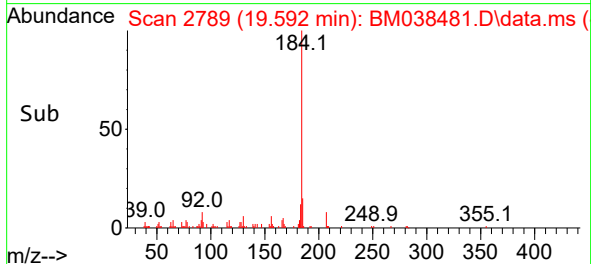
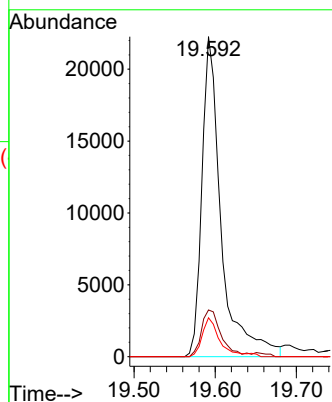
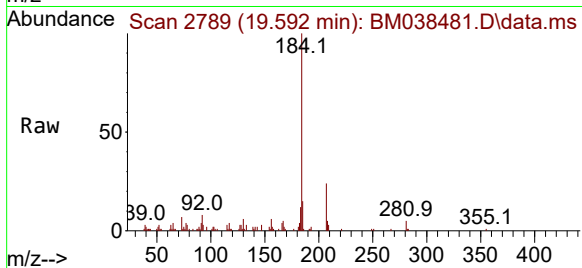
Tgt Ion:184 Resp: 36760

Ion Ratio Lower Upper

184 100

185 14.6 11.1 16.7

183 12.2 8.6 13.0



#78

Pyrene

Concen: 6.512 ng

RT: 19.768 min Scan# 2819

Delta R.T. 0.000 min

Lab File: BM038481.D

Acq: 18 Jan 2023 15:48

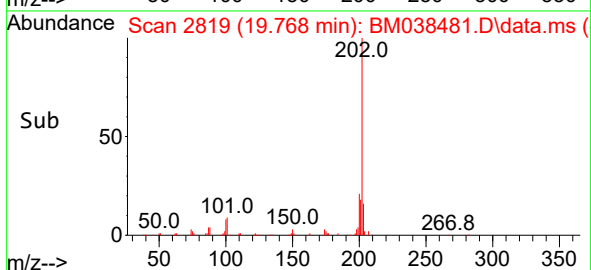
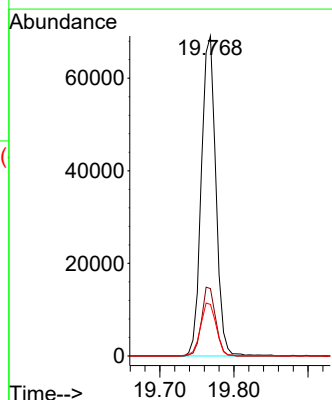
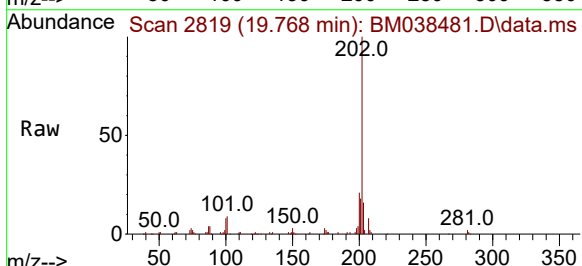
Tgt Ion:202 Resp: 93953

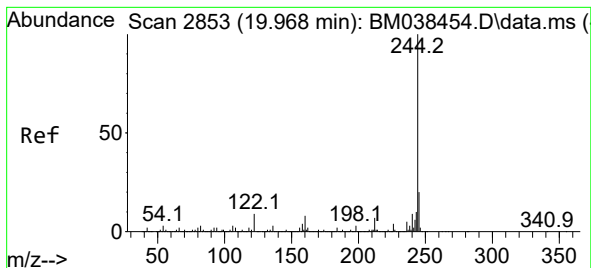
Ion Ratio Lower Upper

202 100

200 21.0 16.9 25.3

203 16.1 14.2 21.2





#79

Terphenyl-d14

Concen: 75.459 ng

RT: 19.962 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM038481.D

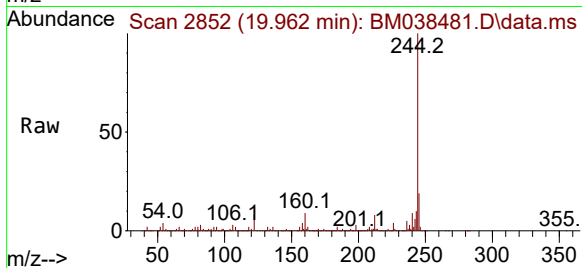
Acq: 18 Jan 2023 15:48

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022



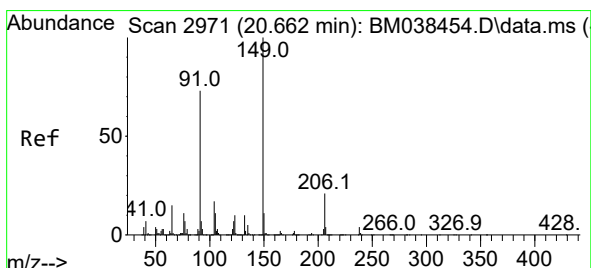
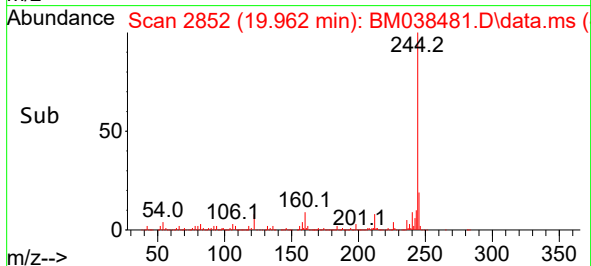
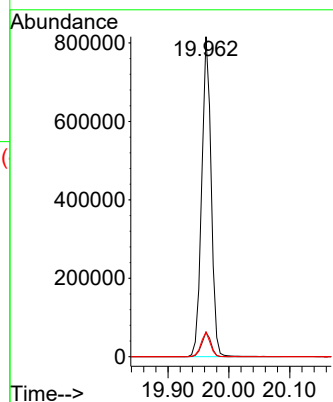
Tgt Ion:244 Resp: 873883

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

122 7.7 7.1 10.7



#80

Butylbenzylphthalate

Concen: 6.281 ng

RT: 20.651 min Scan# 2969

Delta R.T. -0.006 min

Lab File: BM038481.D

Acq: 18 Jan 2023 15:48

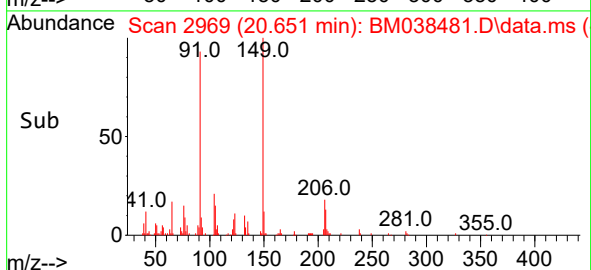
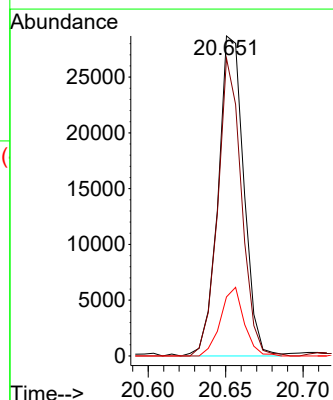
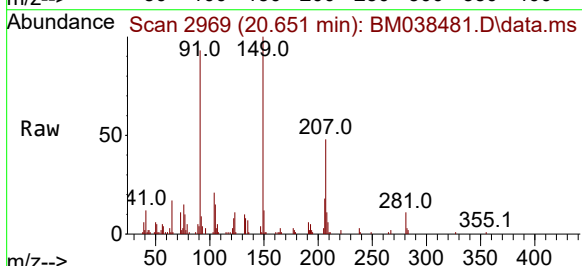
Tgt Ion:149 Resp: 33121

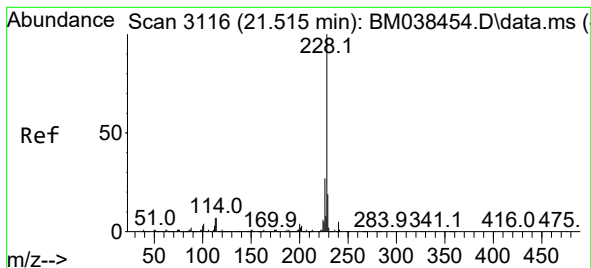
Ion Ratio Lower Upper

149 100

91 93.0 58.3 87.5#

206 18.4 16.7 25.1





#81

Benzo(a)anthracene

Concen: 6.705 ng

RT: 21.509 min Scan# 3115

Delta R.T. 0.000 min

Lab File: BM038481.D

Acq: 18 Jan 2023 15:48

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022

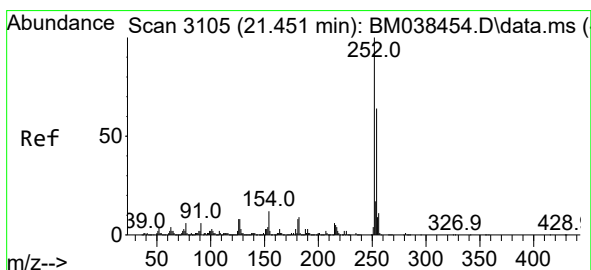
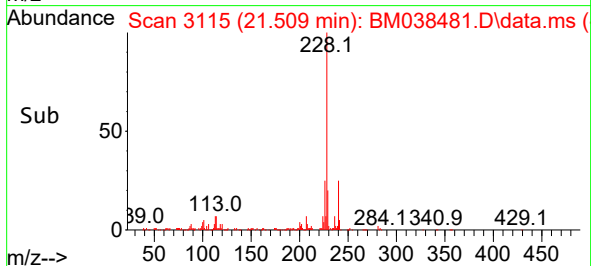
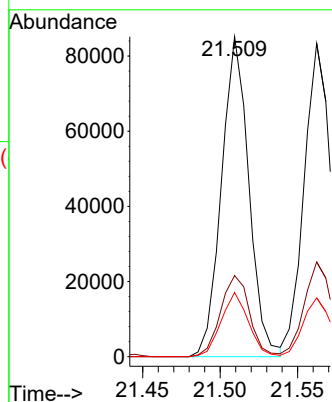
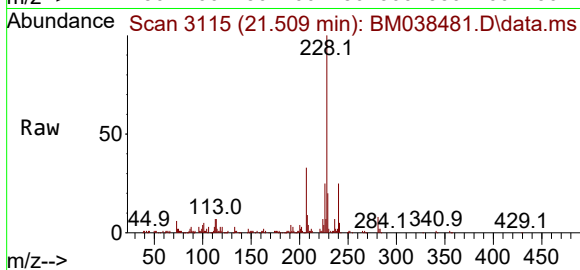
Tgt Ion:228 Resp: 104552

Ion Ratio Lower Upper

228 100

226 25.3 22.0 33.0

229 20.1 15.4 23.0



#82

3,3'-Dichlorobenzidine

Concen: 7.614 ng

RT: 21.445 min Scan# 3104

Delta R.T. 0.000 min

Lab File: BM038481.D

Acq: 18 Jan 2023 15:48

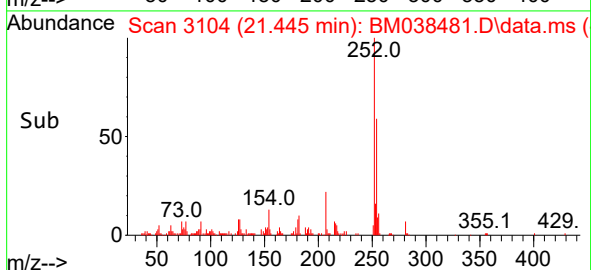
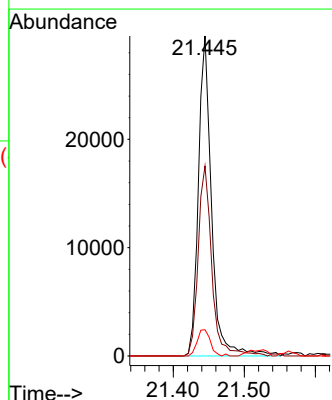
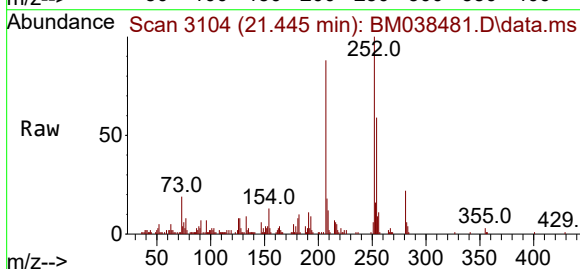
Tgt Ion:252 Resp: 38230

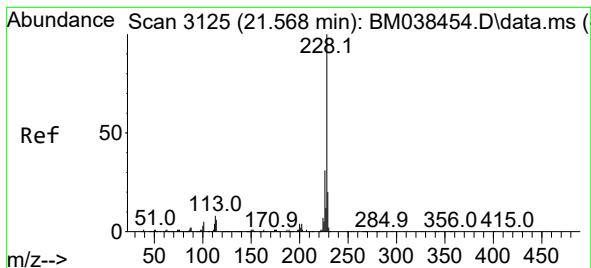
Ion Ratio Lower Upper

252 100

254 59.4 51.2 76.8

126 8.2 6.3 9.5





#83

Chrysene

Concen: 6.777 ng

RT: 21.562 min Scan# 3125

Delta R.T. 0.000 min

Lab File: BM038481.D

Acq: 18 Jan 2023 15:48

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022

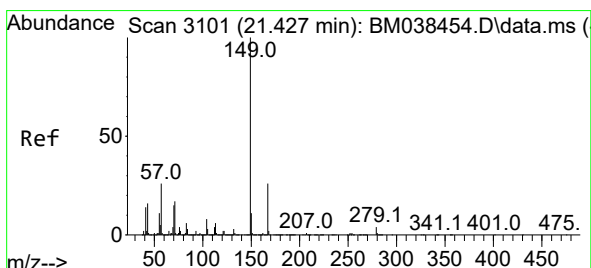
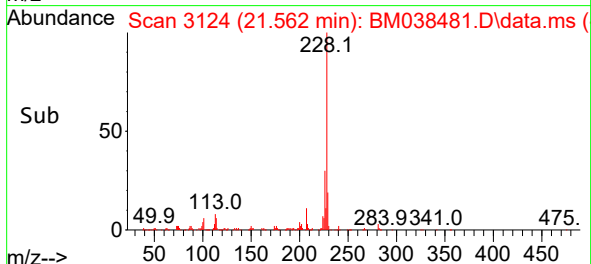
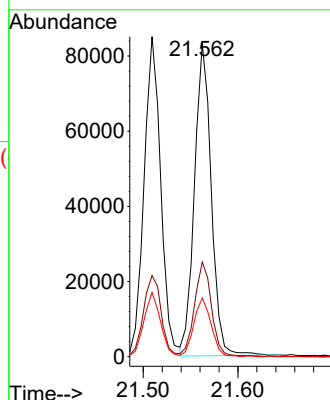
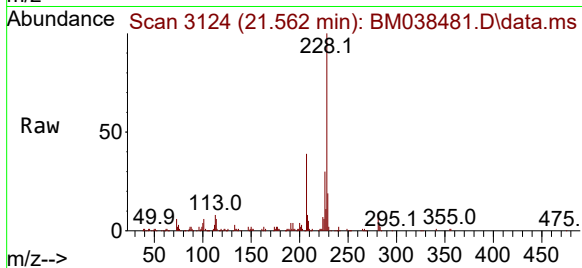
Tgt Ion:228 Resp: 102691

Ion Ratio Lower Upper

228 100

226 30.2 24.6 36.8

229 18.8 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 6.540 ng

RT: 21.421 min Scan# 3100

Delta R.T. 0.000 min

Lab File: BM038481.D

Acq: 18 Jan 2023 15:48

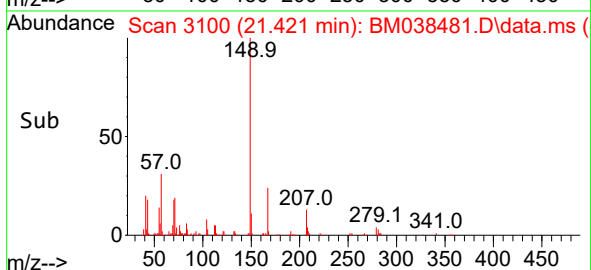
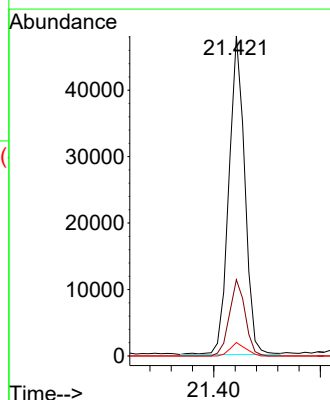
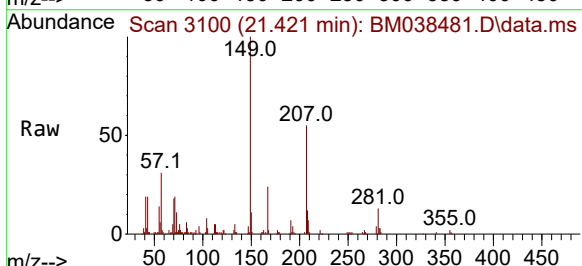
Tgt Ion:149 Resp: 49579

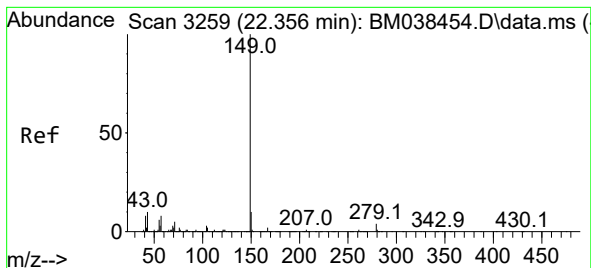
Ion Ratio Lower Upper

149 100

167 23.9 21.0 31.4

279 4.2 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 6.876 ng

RT: 22.350 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM038481.D

Acq: 18 Jan 2023 15:48

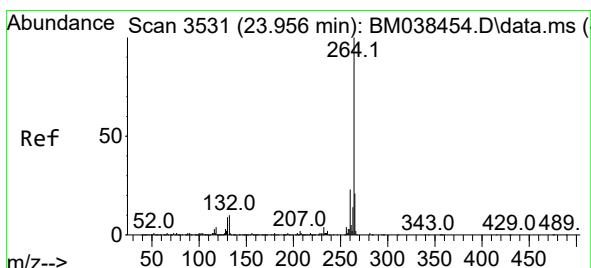
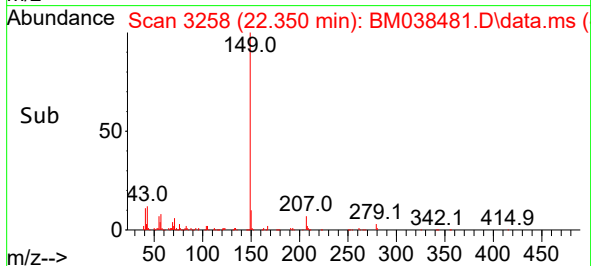
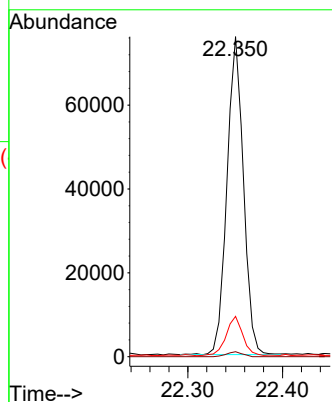
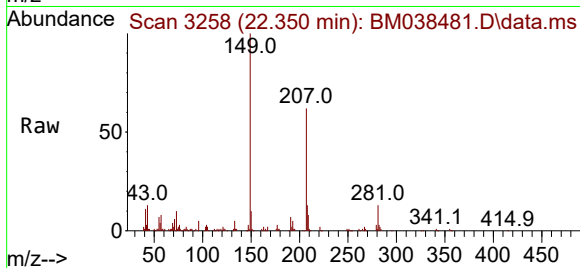
Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022

Tgt Ion:149	Resp:	91718
Ion Ratio	Lower	Upper
149	100	
167	1.5	1.3 1.9
43	12.6	8.4 12.6#



#86

Perylene-d12

Concen: 20.000 ng

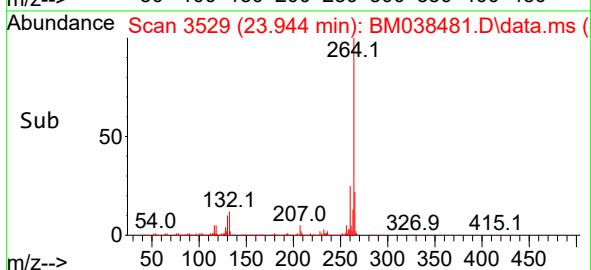
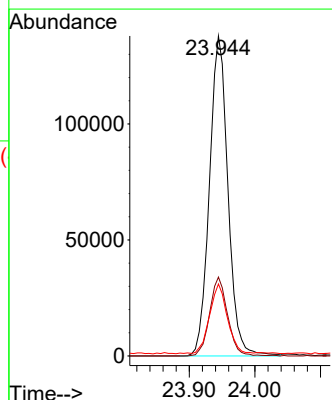
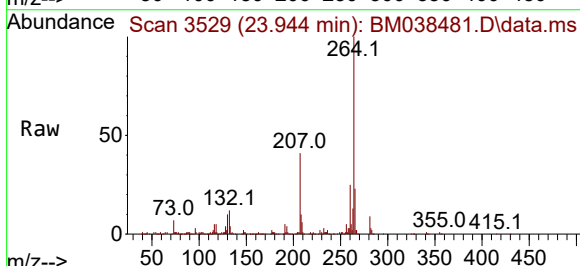
RT: 23.944 min Scan# 3529

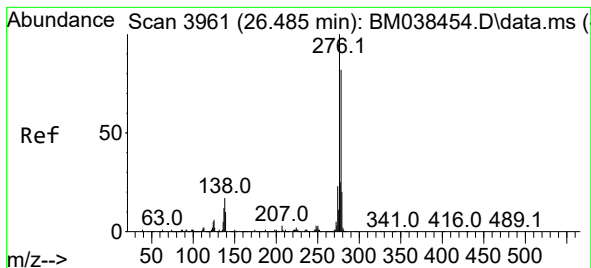
Delta R.T. 0.006 min

Lab File: BM038481.D

Acq: 18 Jan 2023 15:48

Tgt Ion:264	Resp:	270656
Ion Ratio	Lower	Upper
264	100	
260	24.6	18.2 27.4
265	22.5	17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 6.626 ng

RT: 26.468 min Scan# 3961

Delta R.T. 0.000 min

Lab File: BM038481.D

Acq: 18 Jan 2023 15:48

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022

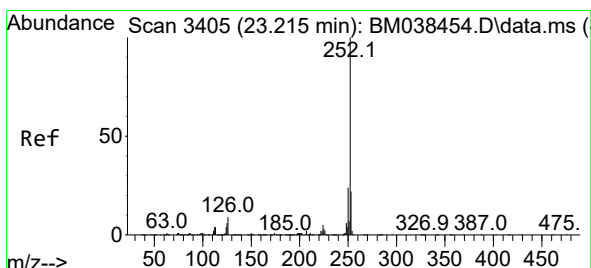
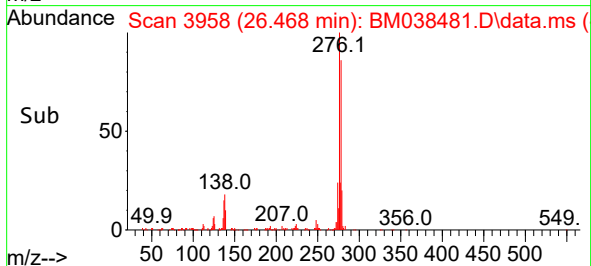
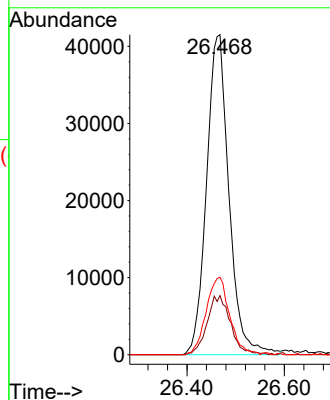
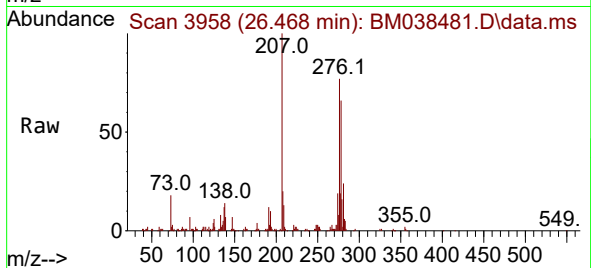
Tgt Ion:276 Resp: 132712

Ion Ratio Lower Upper

276 100

138 19.2 13.4 20.2

277 25.2 19.8 29.8



#88

Benzo(b)fluoranthene

Concen: 6.799 ng

RT: 23.203 min Scan# 3403

Delta R.T. 0.000 min

Lab File: BM038481.D

Acq: 18 Jan 2023 15:48

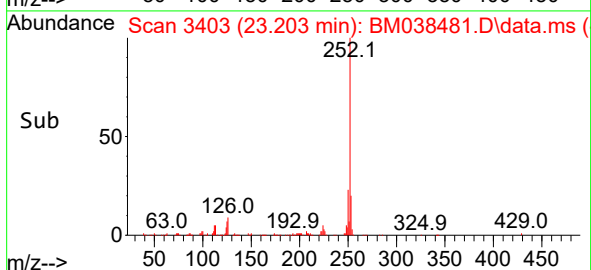
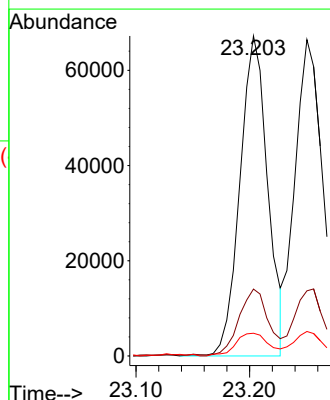
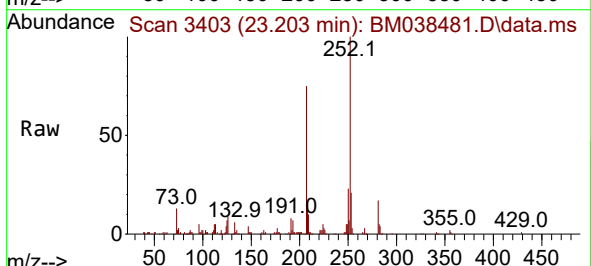
Tgt Ion:252 Resp: 114109

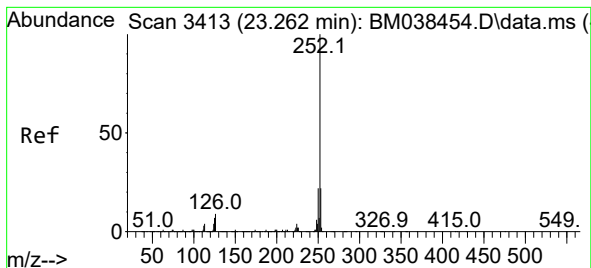
Ion Ratio Lower Upper

252 100

253 20.9 17.8 26.6

125 7.1 5.1 7.7





#89

Benzo(k)fluoranthene

Concen: 6.522 ng

RT: 23.250 min Scan# 3413

Delta R.T. -0.006 min

Lab File: BM038481.D

Acq: 18 Jan 2023 15:48

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022

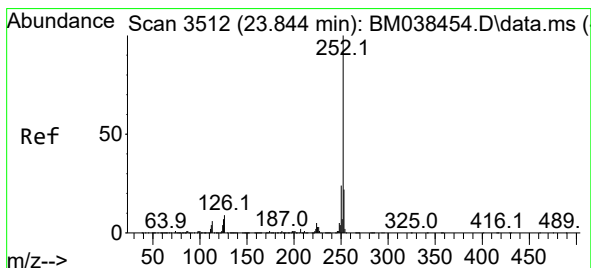
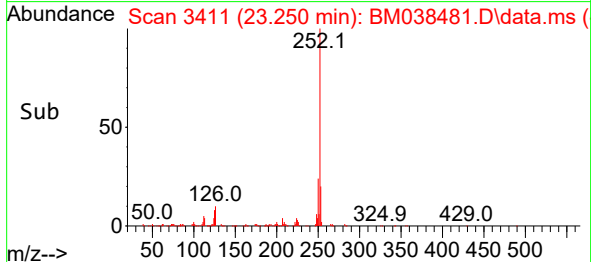
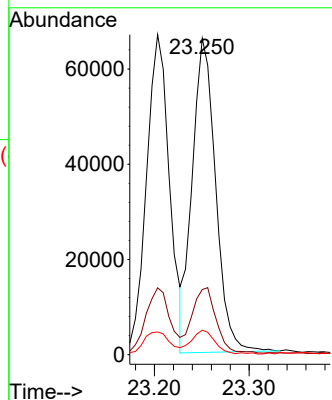
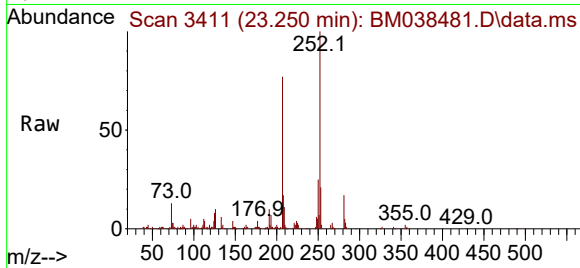
Tgt Ion:252 Resp: 113196

Ion Ratio Lower Upper

252 100

253 20.6 17.6 26.4

125 7.7 5.5 8.3



#90

Benzo(a)pyrene

Concen: 6.090 ng

RT: 23.839 min Scan# 3511

Delta R.T. 0.000 min

Lab File: BM038481.D

Acq: 18 Jan 2023 15:48

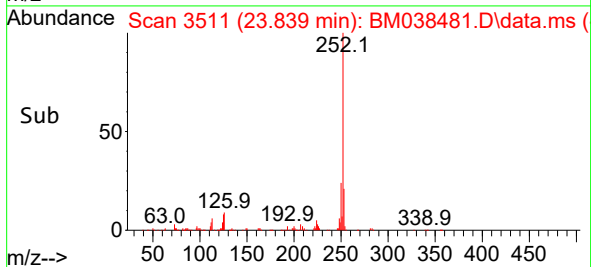
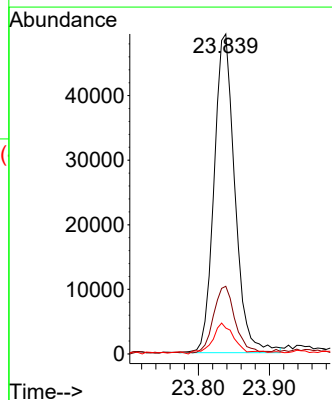
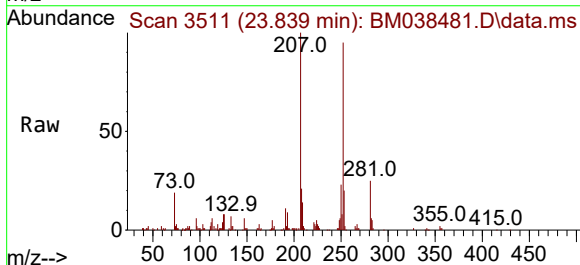
Tgt Ion:252 Resp: 100293

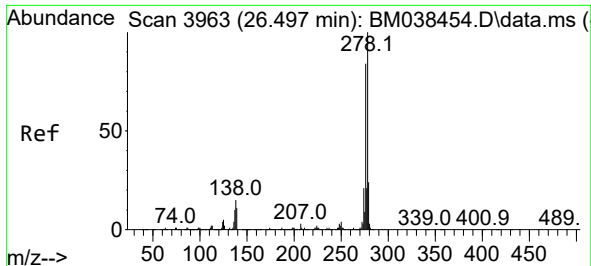
Ion Ratio Lower Upper

252 100

253 21.2 17.6 26.4

125 8.1 5.8 8.8

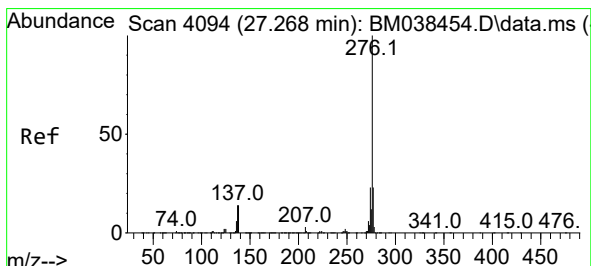
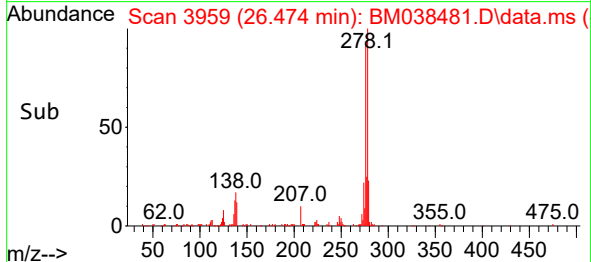
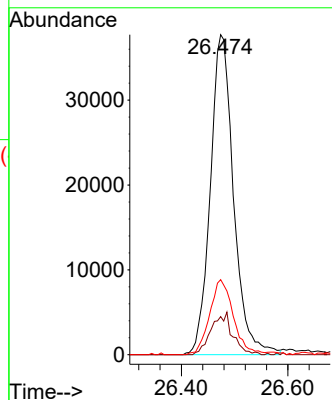
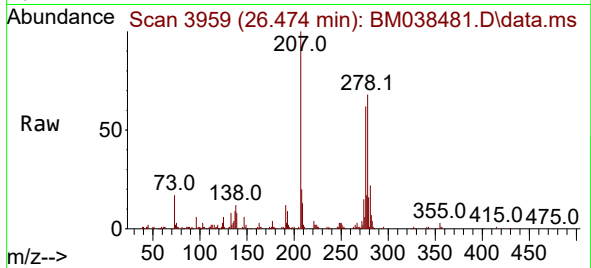




#91
Dibenzo(a,h)anthracene
Concen: 6.803 ng
RT: 26.474 min Scan# 3959
Delta R.T. -0.006 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

Tgt Ion:278 Resp: 114353
Ion Ratio Lower Upper
278 100
139 11.9 8.4 12.6
279 23.5 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 7.206 ng
RT: 27.238 min Scan# 4089
Delta R.T. -0.012 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

Tgt Ion:276 Resp: 120168
Ion Ratio Lower Upper
276 100
277 25.2 18.6 27.8
138 17.1 11.3 16.9#

