

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011823\
 Data File : BM038480.D
 Acq On : 18 Jan 2023 15:05
 Operator : CG/JU
 Sample : N3980-07
 Misc : LOD-MDL-WATER 4ppm
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Jan 19 06:13:52 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	47796	20.000	ng	0.00
21) Naphthalene-d8	10.786	136	161409	20.000	ng	0.00
39) Acenaphthene-d10	14.610	164	96036	20.000	ng	0.00
64) Phenanthrene-d10	17.351	188	213234	20.000	ng	0.00
76) Chrysene-d12	21.521	240	213431	20.000	ng	0.00
86) Perylene-d12	23.939	264	256301	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	362269	115.617	ng	0.00
7) Phenol-d6	7.140	99	449032	111.873	ng	0.00
23) Nitrobenzene-d5	9.151	82	316758	79.960	ng	0.00
42) 2,4,6-Tribromophenol	16.098	330	175410	108.045	ng	0.00
45) 2-Fluorobiphenyl	13.239	172	588839	76.466	ng	0.00
79) Terphenyl-d14	19.962	244	975358	85.550	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.381	88	6010	4.197	ng	98
3) Pyridine	3.828	79	10134	2.447	ng	# 86
4) n-Nitrosodimethylamine	3.716	42	8852	3.612	ng	# 91
6) Aniline	7.304	93	17000	3.353	ng	96
8) 2-Chlorophenol	7.534	128	10903	3.515	ng	91
9) Benzaldehyde	7.116	77	13141	4.896	ng	88
10) Phenol	7.163	94	15257	3.648	ng	# 78
11) bis(2-Chloroethyl)ether	7.398	93	11750	3.466	ng	94
12) 1,3-Dichlorobenzene	7.863	146	12532	3.771	ng	96
13) 1,4-Dichlorobenzene	8.010	146	12313	3.683	ng	97
14) 1,2-Dichlorobenzene	8.328	146	11777	3.602	ng	94
15) Benzyl Alcohol	8.228	79	10964	3.411	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.504	45	18516	3.918	ng	96
17) 2-Methylphenol	8.422	107	8726	3.089	ng	97
18) Hexachloroethane	9.057	117	4990	3.644	ng	96
19) n-Nitroso-di-n-propyla...	8.781	70	9768	3.353	ng	# 96
20) 3+4-Methylphenols	8.751	107	11070	2.919	ng	97
22) Acetophenone	8.804	105	17513	3.671	ng	# 91
24) Nitrobenzene	9.192	77	15553	3.716	ng	98
25) Isophorone	9.716	82	23796	3.391	ng	99
26) 2-Nitrophenol	9.904	139	4017	2.734	ng	# 85
27) 2,4-Dimethylphenol	9.957	122	7302	2.918	ng	98
28) bis(2-Chloroethoxy)met...	10.198	93	14413	3.652	ng	93
29) 2,4-Dichlorophenol	10.439	162	8718	3.154	ng	93
30) 1,2,4-Trichlorobenzene	10.651	180	10712	3.351	ng	94
31) Naphthalene	10.839	128	30594	3.576	ng	99
32) Benzoic acid	10.039	122	2611	6.216	ng	89
33) 4-Chloroaniline	10.963	127	10755	2.864	ng	# 92
34) Hexachlorobutadiene	11.110	225	7848	3.501	ng	95
35) Caprolactam	11.733	113	1998	2.557	ng	# 79
36) 4-Chloro-3-methylphenol	12.075	107	8561	2.840	ng	92
37) 2-Methylnaphthalene	12.445	142	19781	3.163	ng	97
38) 1-Methylnaphthalene	12.663	142	18710	3.186	ng	99
40) 1,2,4,5-Tetrachloroben...	12.810	216	12259	3.411	ng	98
41) Hexachlorocyclopentadiene	12.775	237	6515	3.188	ng	92
43) 2,4,6-Trichlorophenol	13.051	196	6919	3.045	ng	94

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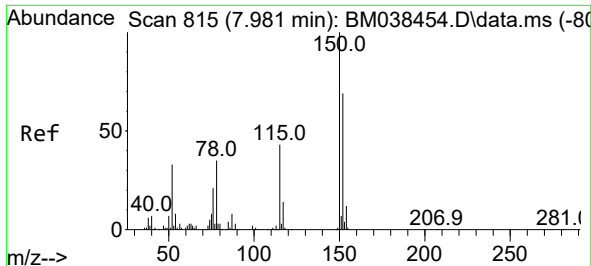
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.127	196	7899	2.949	ng	92
46) 1,1'-Biphenyl	13.445	154	27025	3.627	ng	95
47) 2-Chloronaphthalene	13.492	162	21076	3.594	ng	93
48) 2-Nitroaniline	13.710	65	6213	4.785	ng	92
49) Acenaphthylene	14.333	152	28034	3.032	ng	99
50) Dimethylphthalate	14.069	163	24219	3.112	ng	99
51) 2,6-Dinitrotoluene	14.198	165	4685	2.959	ng	97
52) Acenaphthene	14.674	154	18455	3.285	ng	97
53) 3-Nitroaniline	14.539	138	3913	4.771	ng #	91
54) 2,4-Dinitrophenol	14.739	184	1852	6.790	ng #	71
55) Dibenzofuran	15.004	168	32027	3.348	ng	99
56) 4-Nitrophenol	14.839	139	2662	5.711	ng #	79
57) 2,4-Dinitrotoluene	14.986	165	5348	2.430	ng #	96
58) Fluorene	15.657	166	24290	3.039	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.233	232	6955	2.928	ng #	97
60) Diethylphthalate	15.421	149	25596	3.206	ng	98
61) 4-Chlorophenyl-phenyle...	15.645	204	12911	2.943	ng	98
62) 4-Nitroaniline	15.686	138	3243	4.572	ng #	79
63) Azobenzene	15.939	77	27472	3.127	ng	97
65) 4,6-Dinitro-2-methylph...	15.739	198	3153	2.179	ng	93
66) n-Nitrosodiphenylamine	15.863	169	19317	3.087	ng	95
67) 4-Bromophenyl-phenylether	16.539	248	8079	3.275	ng	99
68) Hexachlorobenzene	16.651	284	9361	3.389	ng	98
69) Atrazine	16.810	200	7146	3.230	ng	96
70) Pentachlorophenol	17.004	266	4497	2.230	ng	89
71) Phenanthrene	17.392	178	39299	3.331	ng	98
72) Anthracene	17.486	178	37751	3.114	ng	97
73) Carbazole	17.762	167	31758	2.995	ng	98
74) Di-n-butylphthalate	18.304	149	37772	3.000	ng	98
75) Fluoranthene	19.404	202	44147	2.977	ng	96
77) Benzidine	19.592	184	14099	3.015	ng #	95
78) Pyrene	19.762	202	46210	3.253	ng	99
80) Butylbenzylphthalate	20.651	149	16670	3.211	ng	93
81) Benzo(a)anthracene	21.509	228	50310	3.277	ng	99
82) 3,3'-Dichlorobenzidine	21.445	252	17185	3.477	ng	99
83) Chrysene	21.562	228	51339	3.442	ng	97
84) Bis(2-ethylhexyl)phtha...	21.421	149	22889	3.067	ng	99
85) Di-n-octyl phthalate	22.345	149	41348	3.149	ng #	93
87) Indeno(1,2,3-cd)pyrene	26.462	276	60628	3.196	ng	97
88) Benzo(b)fluoranthene	23.203	252	53885	3.391	ng #	98
89) Benzo(k)fluoranthene	23.250	252	55163	3.357	ng	99
90) Benzo(a)pyrene	23.833	252	47188	3.026	ng #	94
91) Dibenzo(a,h)anthracene	26.474	278	52302	3.286	ng	100
92) Benzo(g,h,i)perylene	27.238	276	55823	3.535	ng	98

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

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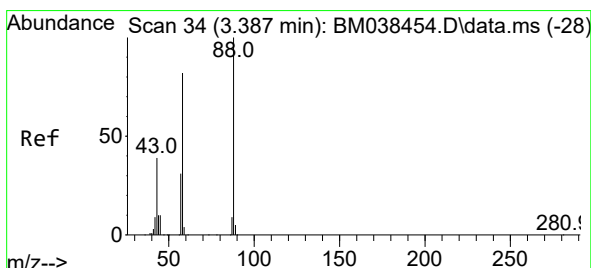
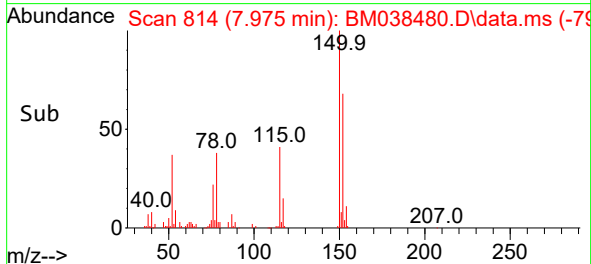
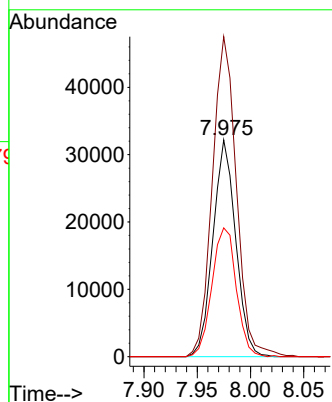
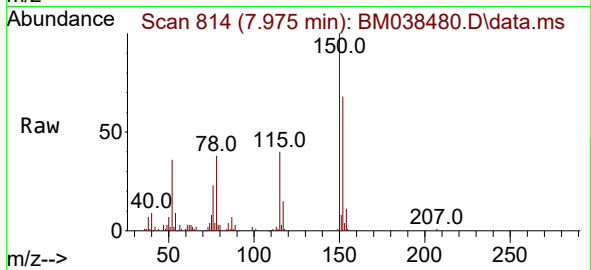
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.975 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

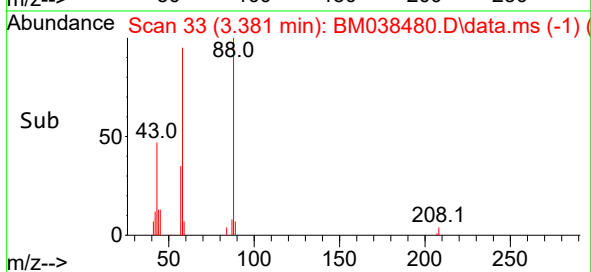
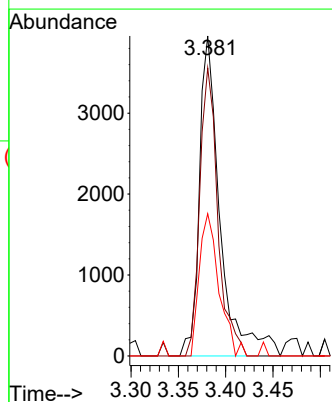
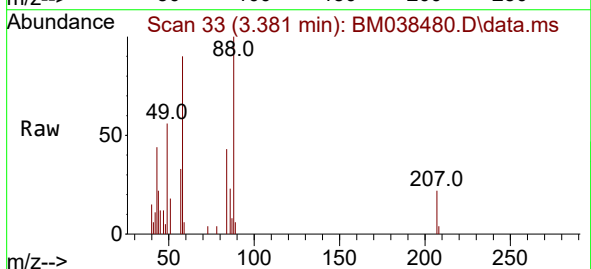
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

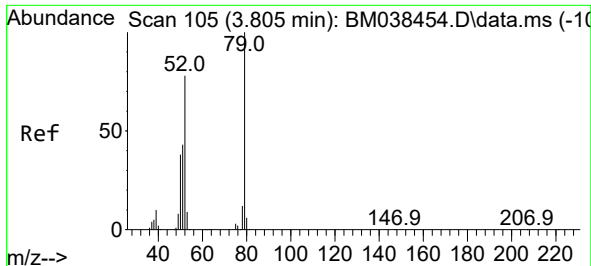
Tgt Ion:152 Resp: 47796
Ion Ratio Lower Upper
152 100
150 147.7 116.0 174.0
115 59.4 49.4 74.2



#2
1,4-Dioxane
Concen: 4.197 ng
RT: 3.381 min Scan# 33
Delta R.T. 0.000 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

Tgt Ion: 88 Resp: 6010
Ion Ratio Lower Upper
88 100
58 78.8 64.3 96.5
43 42.3 32.3 48.5

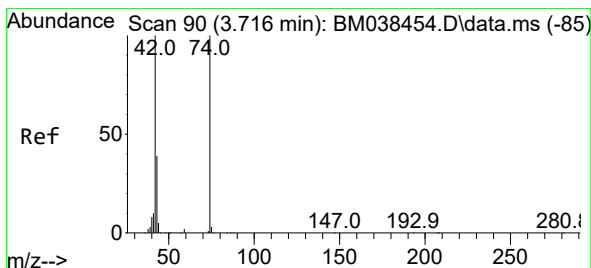
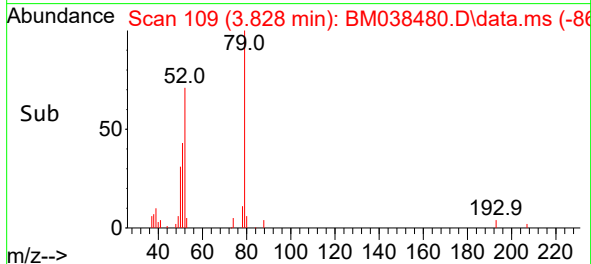
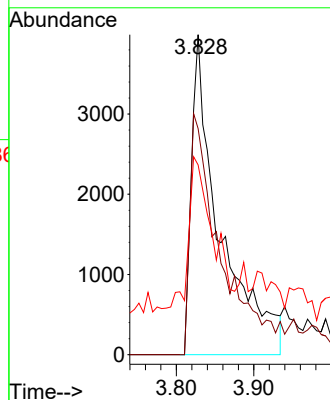
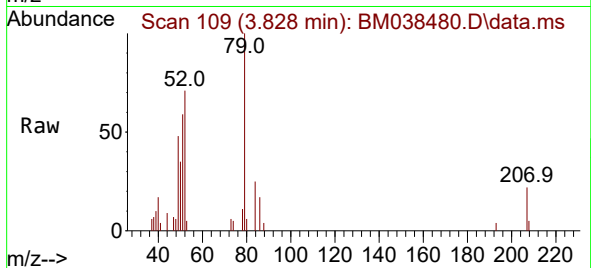




#3
Pyridine
Concen: 2.447 ng
RT: 3.828 min Scan# 109
Delta R.T. 0.035 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

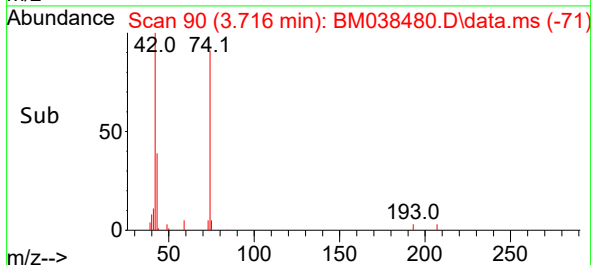
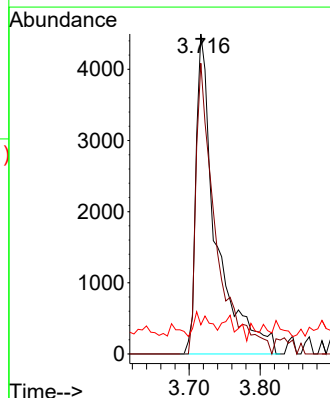
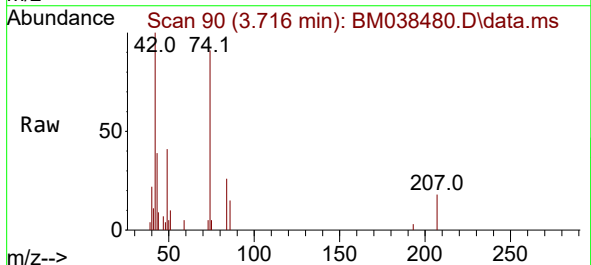
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

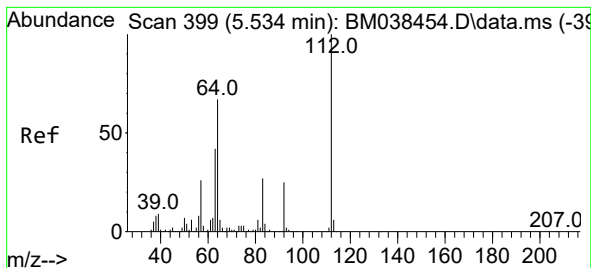
Tgt Ion: 79 Resp: 10134
Ion Ratio Lower Upper
79 100
52 70.6 62.2 93.2
51 59.3 34.8 52.2#



#4
n-Nitrosodimethylamine
Concen: 3.612 ng
RT: 3.716 min Scan# 90
Delta R.T. 0.012 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

Tgt Ion: 42 Resp: 8852
Ion Ratio Lower Upper
42 100
74 90.8 79.7 119.5
44 9.1 4.7 7.1#

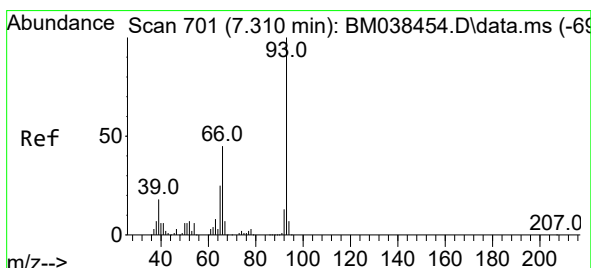
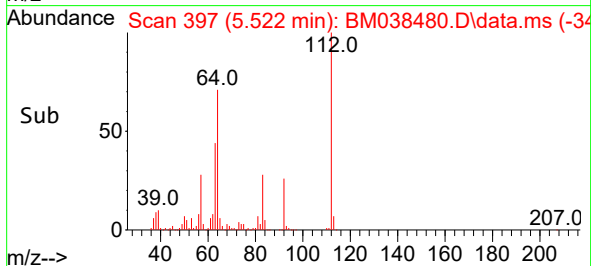
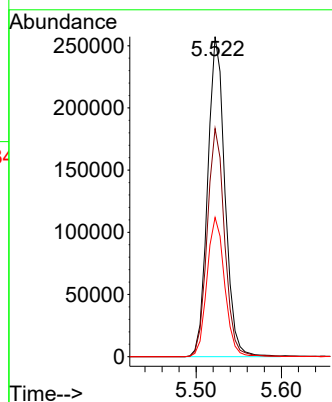
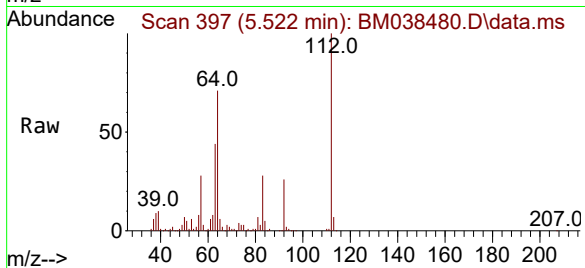




#5
2-Fluorophenol
Concen: 115.617 ng
RT: 5.522 min Scan# 399
Delta R.T. 0.000 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

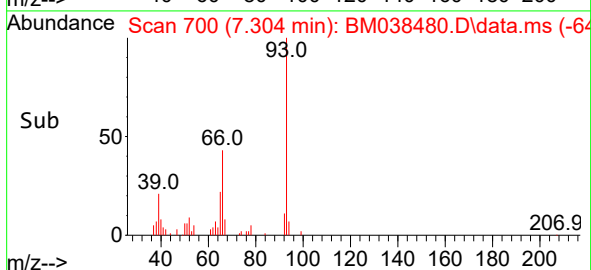
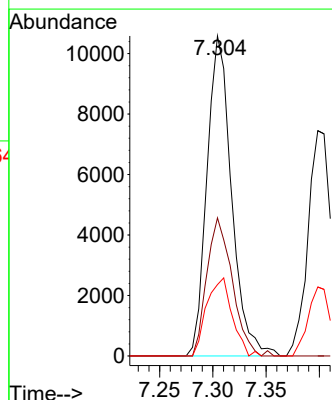
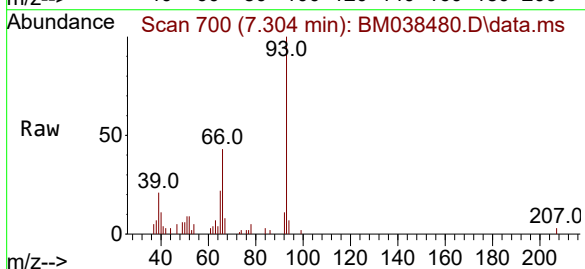
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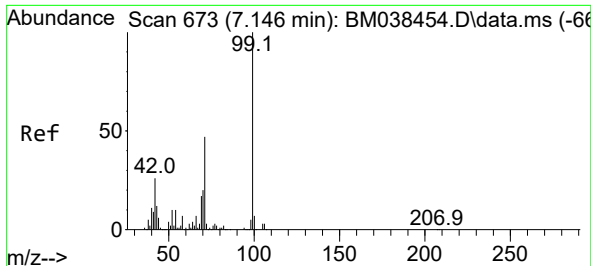
Tgt Ion:112 Resp: 362269
Ion Ratio Lower Upper
112 100
64 71.3 53.7 80.5
63 43.5 33.7 50.5



#6
Aniline
Concen: 3.353 ng
RT: 7.304 min Scan# 700
Delta R.T. 0.000 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

Tgt Ion: 93 Resp: 17000
Ion Ratio Lower Upper
93 100
66 43.2 36.2 54.2
65 22.3 19.8 29.8

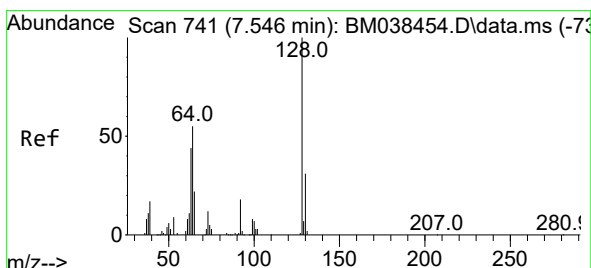
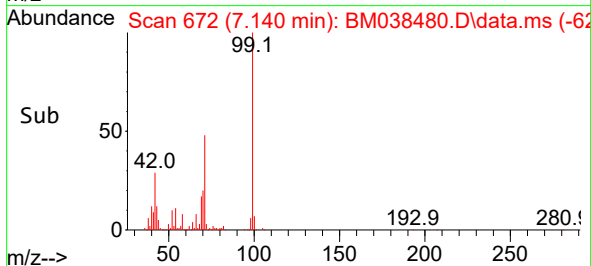
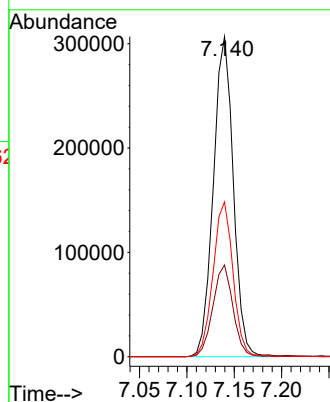
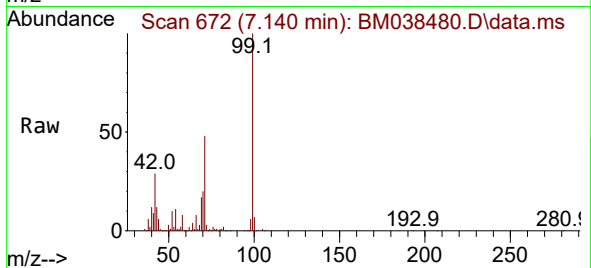




#7
Phenol-d6
Concen: 111.873 ng
RT: 7.140 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

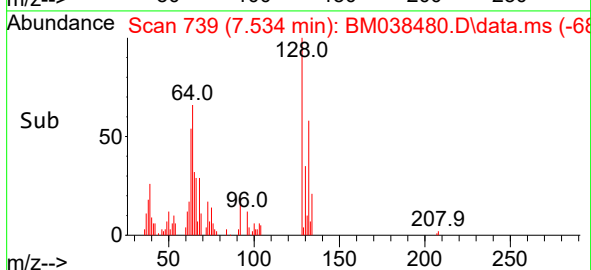
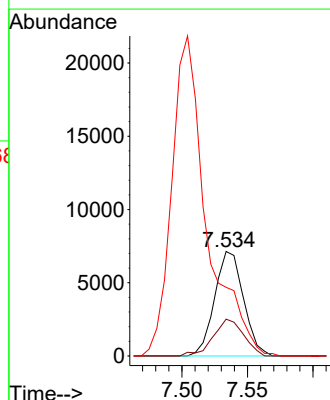
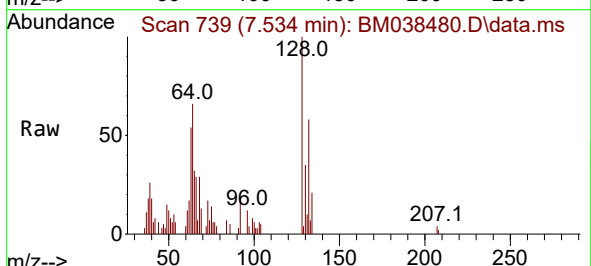
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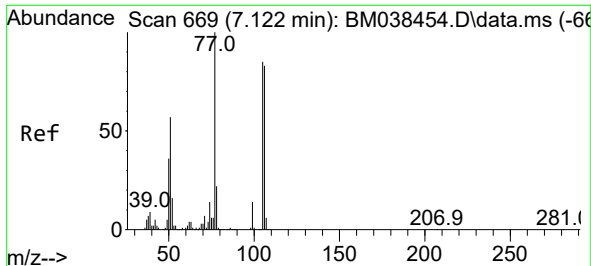
Tgt Ion: 99 Resp: 449032
Ion Ratio Lower Upper
99 100
42 28.7 20.8 31.2
71 48.4 37.8 56.8



#8
2-Chlorophenol
Concen: 3.515 ng
RT: 7.534 min Scan# 739
Delta R.T. 0.000 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

Tgt Ion: 128 Resp: 10903
Ion Ratio Lower Upper
128 100
130 35.2 11.5 51.5
64 65.7 38.0 78.0

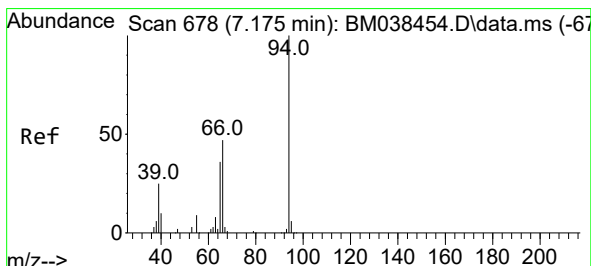
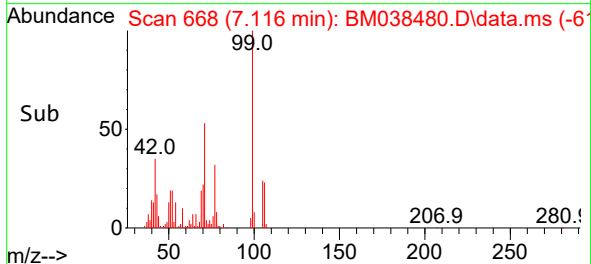
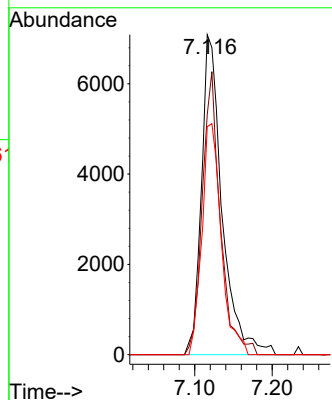
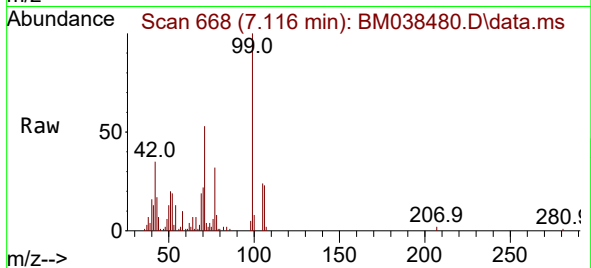




#9
Benzaldehyde
Concen: 4.896 ng
RT: 7.116 min Scan# 669
Delta R.T. 0.000 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

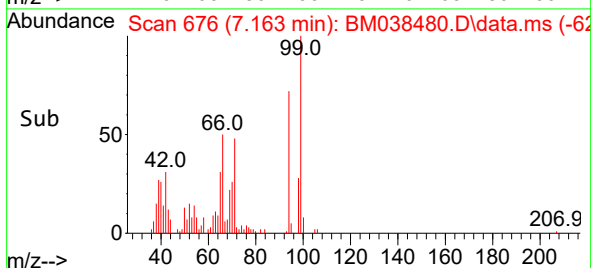
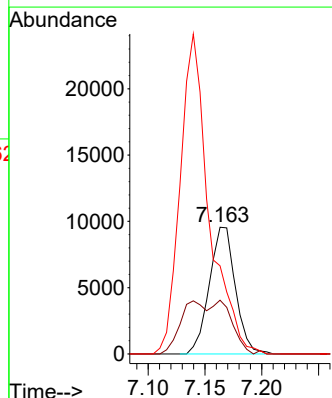
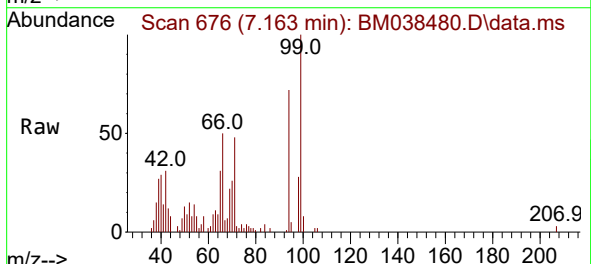
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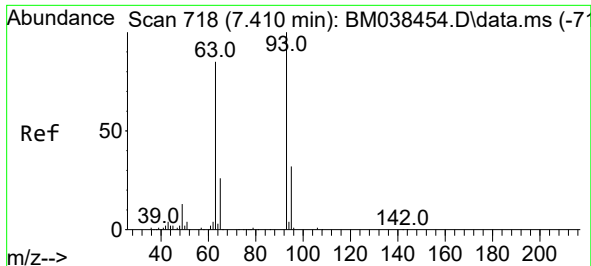
Tgt Ion: 77 Resp: 13141
Ion Ratio Lower Upper
77 100
105 75.0 65.3 105.3
106 71.2 62.5 102.5



#10
Phenol
Concen: 3.648 ng
RT: 7.163 min Scan# 676
Delta R.T. 0.000 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

Tgt Ion: 94 Resp: 15257
Ion Ratio Lower Upper
94 100
65 42.5 16.3 56.3
66 69.6 29.2 69.2#

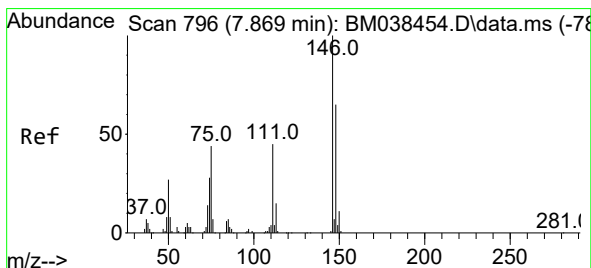
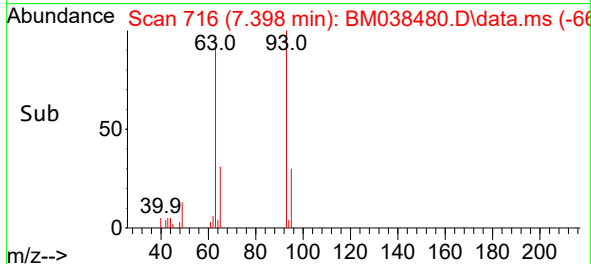
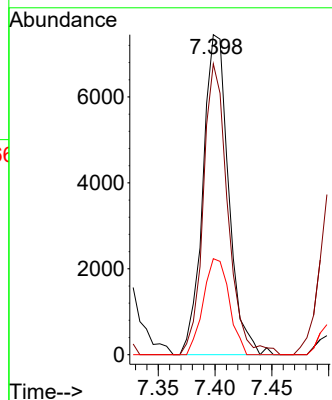
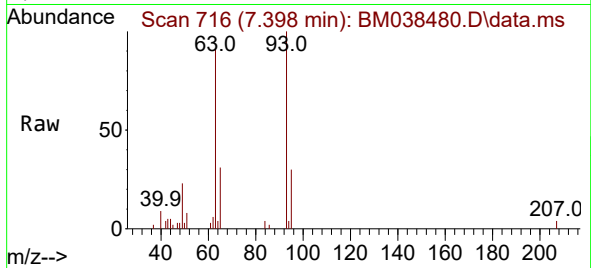




#11
bis(2-Chloroethyl)ether
Concen: 3.466 ng
RT: 7.398 min Scan# 716
Delta R.T. 0.000 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

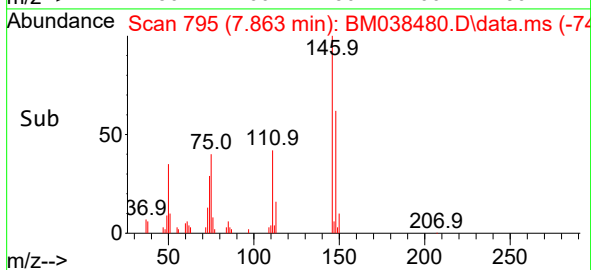
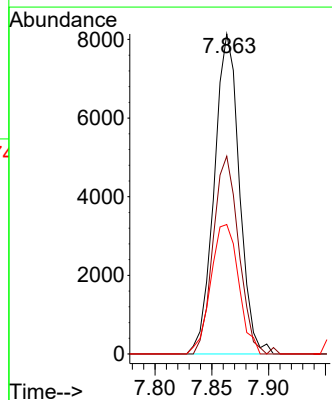
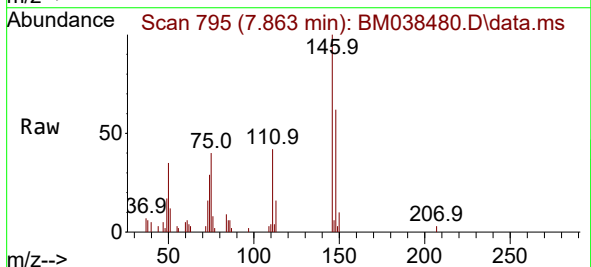
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

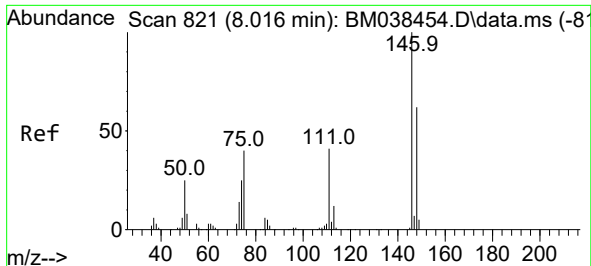
Tgt Ion: 93 Resp: 11750
Ion Ratio Lower Upper
93 100
63 90.9 64.6 104.6
95 30.0 12.0 52.0



#12
1,3-Dichlorobenzene
Concen: 3.771 ng
RT: 7.863 min Scan# 795
Delta R.T. 0.000 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

Tgt Ion: 146 Resp: 12532
Ion Ratio Lower Upper
146 100
148 61.8 51.8 77.8
75 40.4 35.1 52.7

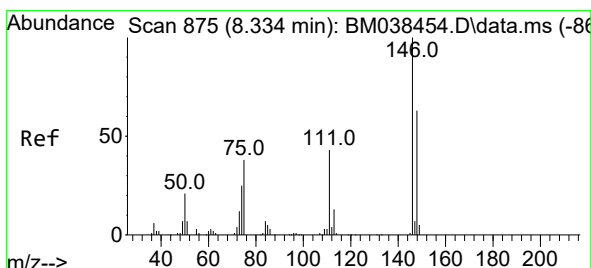
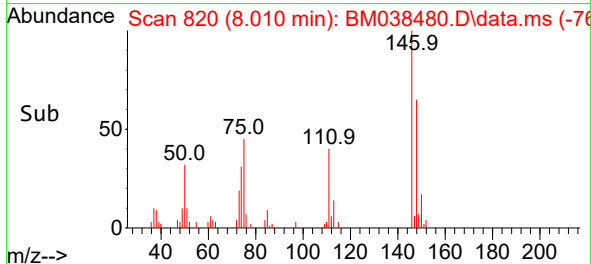
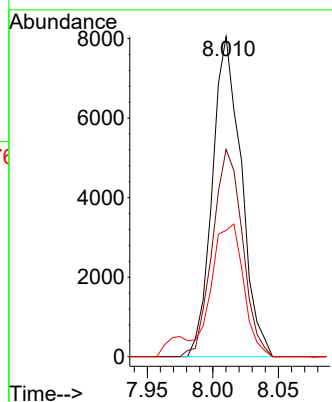
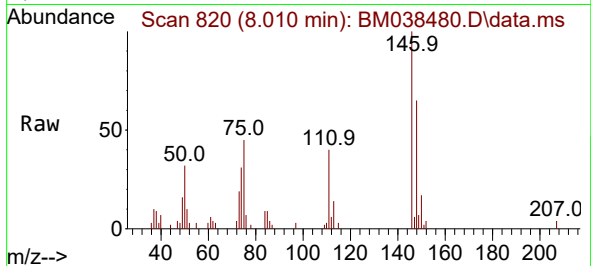




#13
1,4-Dichlorobenzene
Concen: 3.683 ng
RT: 8.010 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

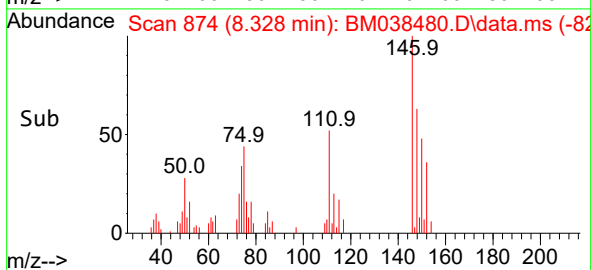
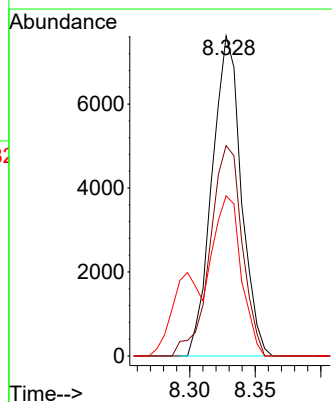
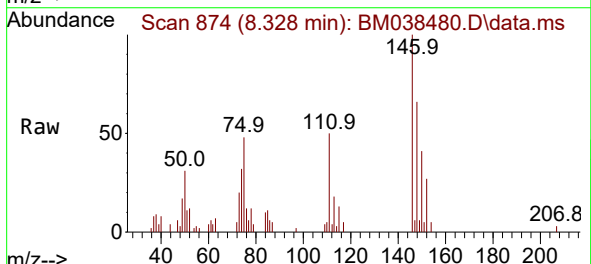
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

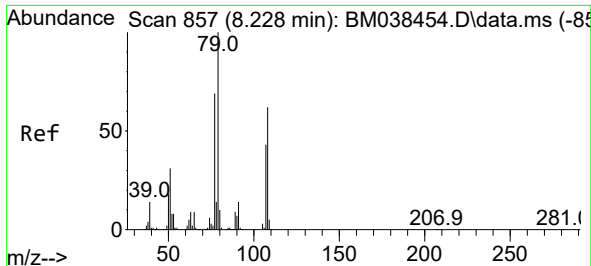
Tgt Ion:146 Resp: 12313
Ion Ratio Lower Upper
146 100
148 64.7 50.1 75.1
111 39.5 32.8 49.2



#14
1,2-Dichlorobenzene
Concen: 3.602 ng
RT: 8.328 min Scan# 874
Delta R.T. 0.000 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

Tgt Ion:146 Resp: 11777
Ion Ratio Lower Upper
146 100
148 65.7 50.7 76.1
111 50.0 35.2 52.8

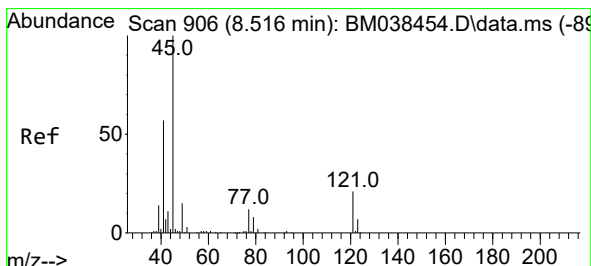
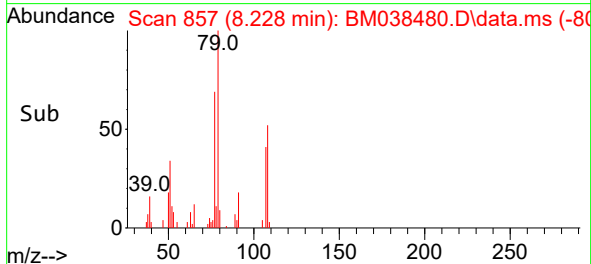
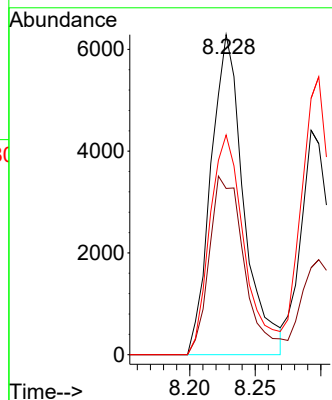
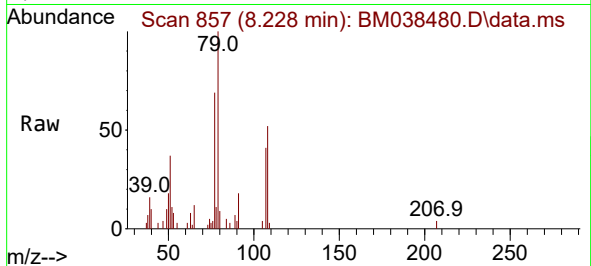




#15
Benzyl Alcohol
Concen: 3.411 ng
RT: 8.228 min Scan# 81
Delta R.T. 0.006 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

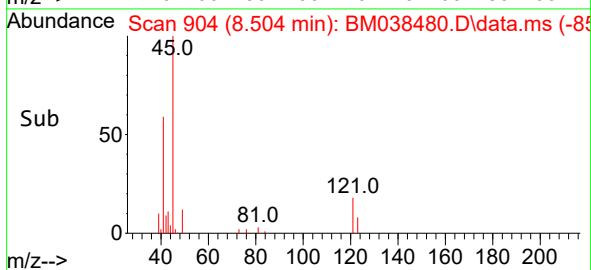
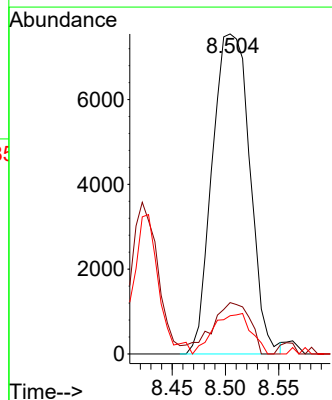
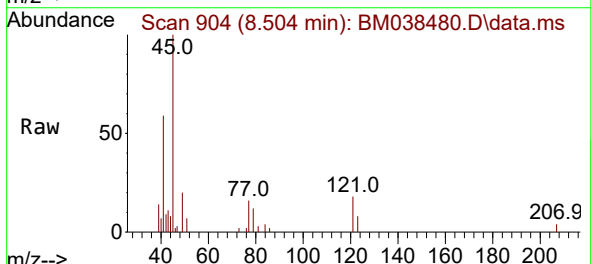
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

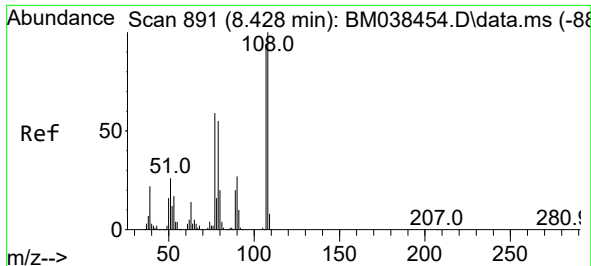
Tgt Ion: 79 Resp: 10964
Ion Ratio Lower Upper
79 100
108 51.9 49.3 73.9
77 68.7 55.1 82.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.918 ng
RT: 8.504 min Scan# 904
Delta R.T. -0.006 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

Tgt Ion: 45 Resp: 18516
Ion Ratio Lower Upper
45 100
77 16.1 0.0 34.7
79 12.0 0.0 30.4

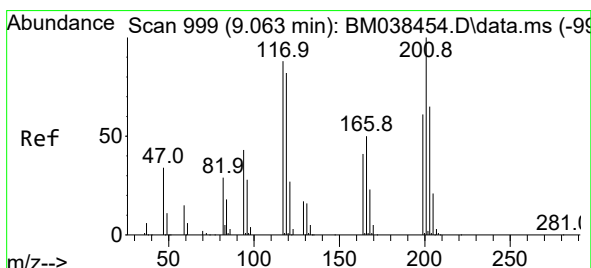
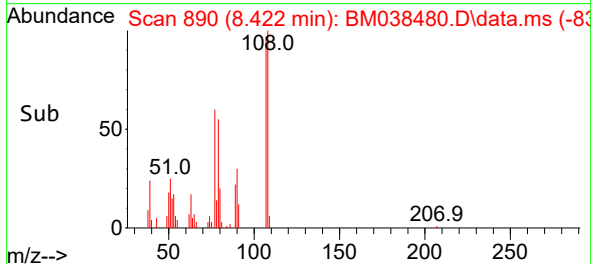
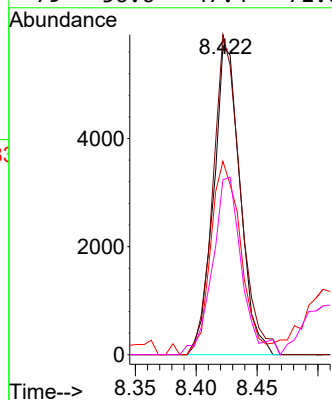
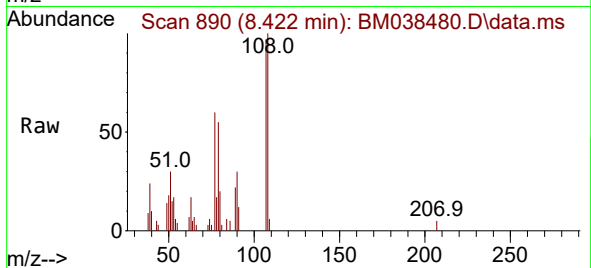




#17
2-Methylphenol
Concen: 3.089 ng
RT: 8.422 min Scan# 891
Delta R.T. 0.000 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

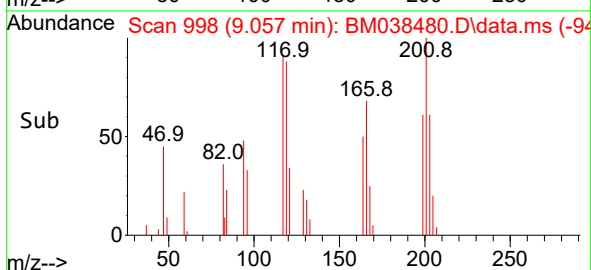
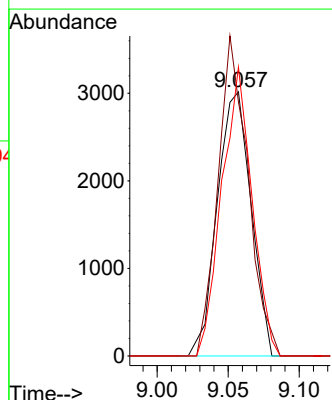
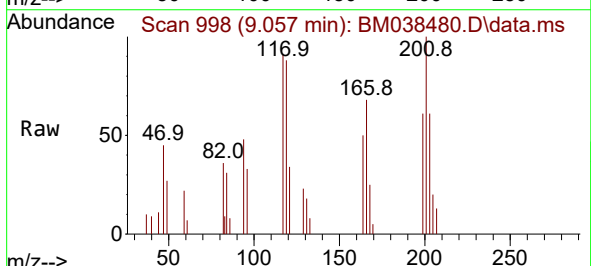
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

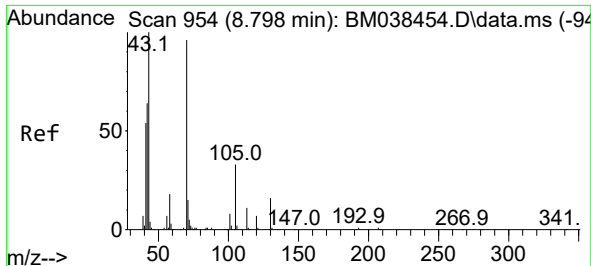
Tgt Ion:	107	Resp:	8726
Ion	Ratio	Lower	Upper
107	100		
108	103.6	85.7	128.5
77	62.6	50.5	75.7
79	56.6	47.4	71.0



#18
Hexachloroethane
Concen: 3.644 ng
RT: 9.057 min Scan# 998
Delta R.T. 0.000 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

Tgt Ion:	117	Resp:	4990
Ion	Ratio	Lower	Upper
117	100		
119	96.2	74.5	111.7
201	109.3	91.3	136.9

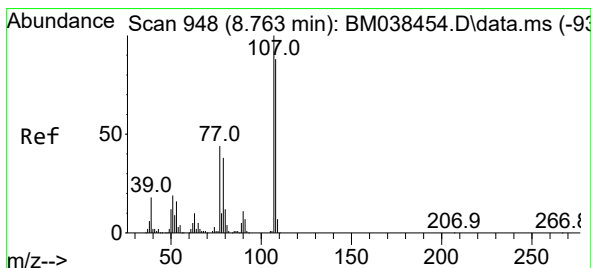
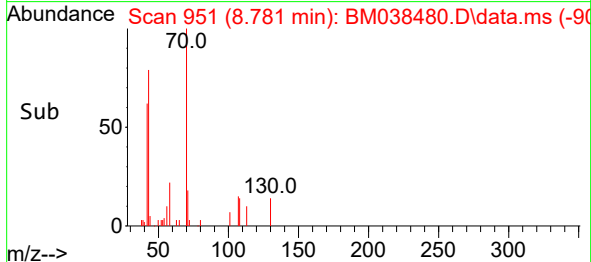
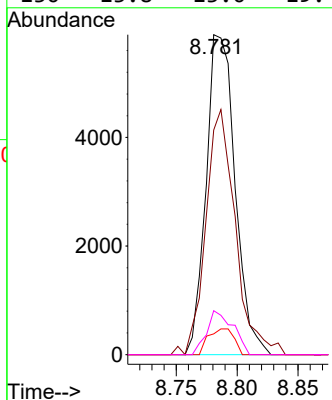
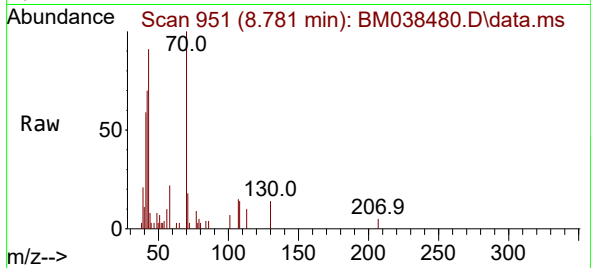




#19
n-Nitroso-di-n-propylamine
Concen: 3.353 ng
RT: 8.781 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

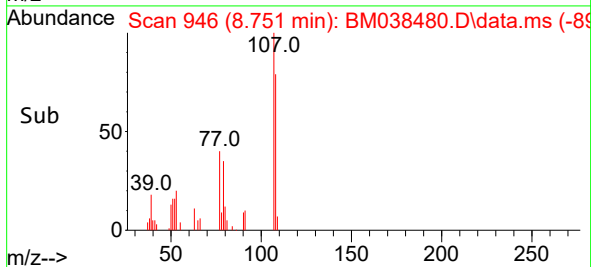
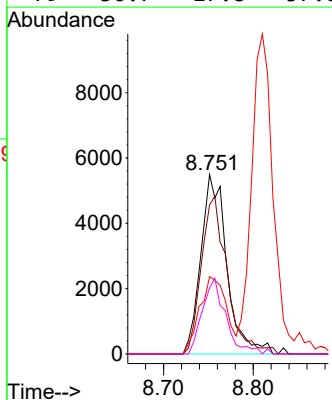
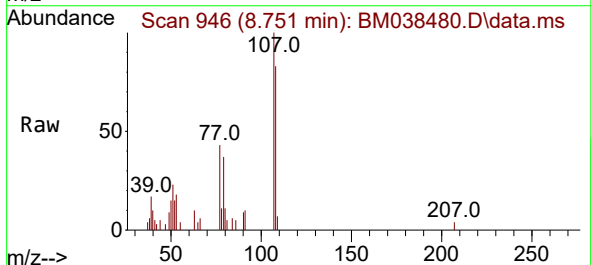
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

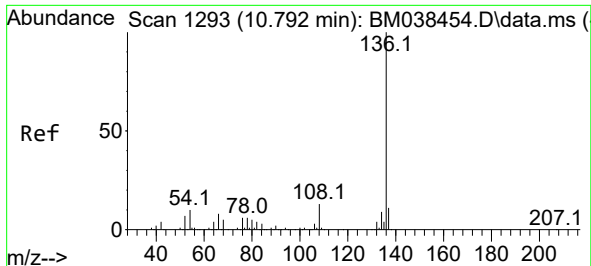
Tgt Ion: 70 Resp: 9768
Ion Ratio Lower Upper
70 100
42 70.2 54.2 81.2
101 6.5 6.6 10.0#
130 13.8 13.0 19.4



#20
3+4-Methylphenols
Concen: 2.919 ng
RT: 8.751 min Scan# 946
Delta R.T. 0.000 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

Tgt Ion: 107 Resp: 11070
Ion Ratio Lower Upper
107 100
108 83.0 67.6 107.6
77 43.1 24.1 64.1
79 36.7 17.8 57.8

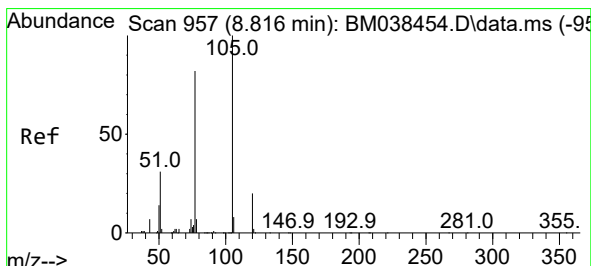
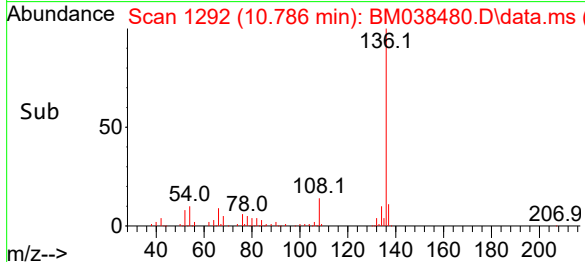
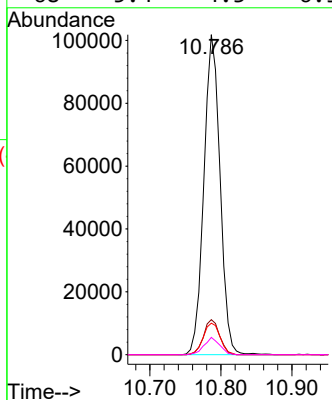
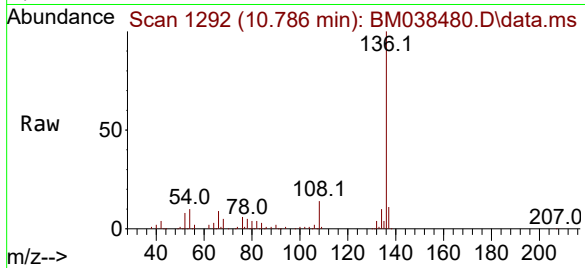




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.786 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

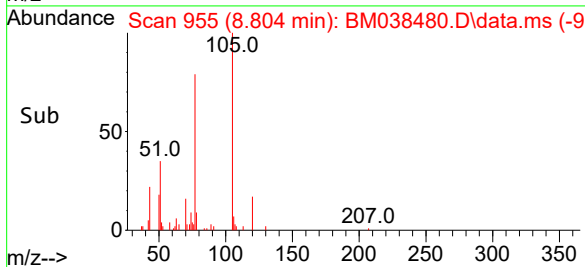
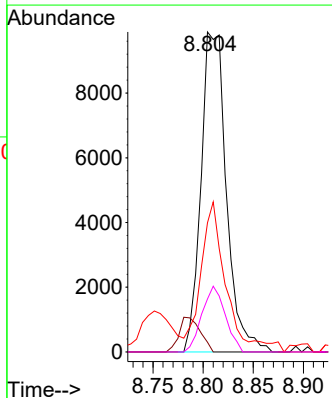
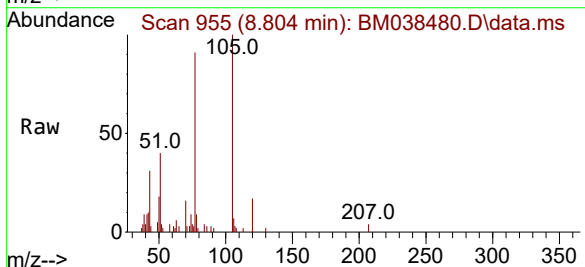
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

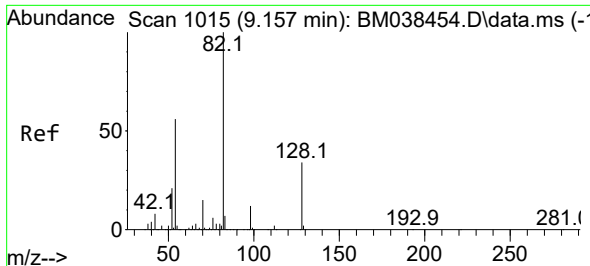
Tgt Ion:136 Resp: 161409
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 9.8 7.6 11.4
68 5.4 4.3 6.5



#22
Acetophenone
Concen: 3.671 ng
RT: 8.804 min Scan# 955
Delta R.T. -0.006 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

Tgt Ion:105 Resp: 17513
Ion Ratio Lower Upper
105 100
71 3.1 1.0 1.6#
51 40.4 27.4 41.2
120 16.6 15.6 23.4





#23

Nitrobenzene-d5

Concen: 79.960 ng

RT: 9.151 min Scan# 1014

Delta R.T. 0.000 min

Lab File: BM038480.D

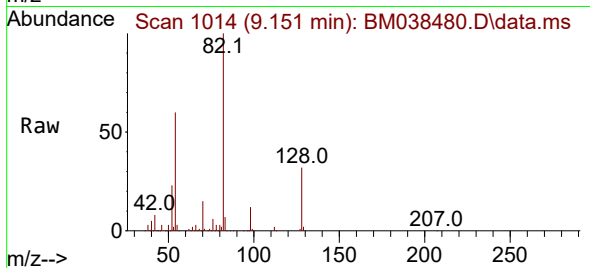
Acq: 18 Jan 2023 15:05

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022



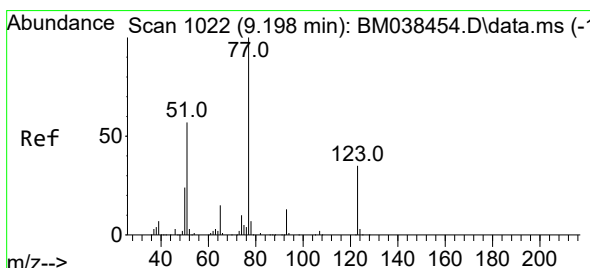
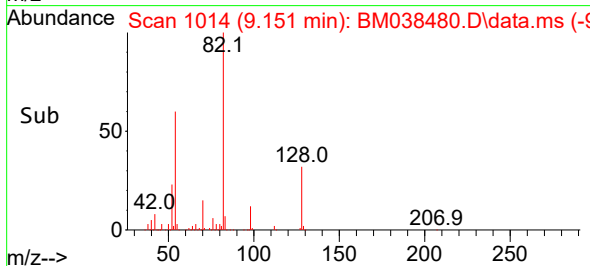
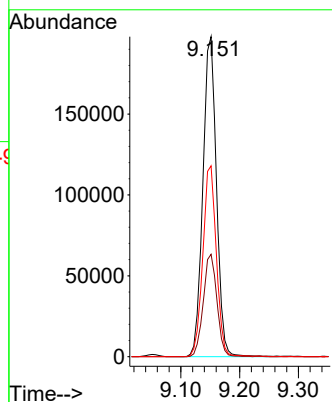
Tgt Ion: 82 Resp: 316758

Ion Ratio Lower Upper

82 100

128 32.0 27.0 40.6

54 59.7 45.0 67.6



#24

Nitrobenzene

Concen: 3.716 ng

RT: 9.192 min Scan# 1021

Delta R.T. 0.000 min

Lab File: BM038480.D

Acq: 18 Jan 2023 15:05

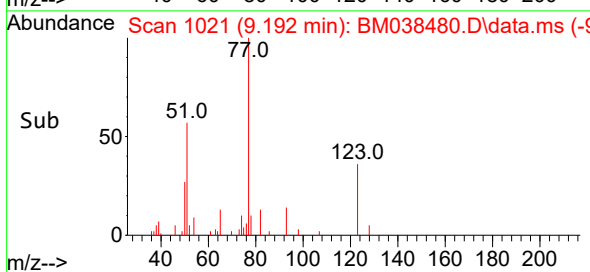
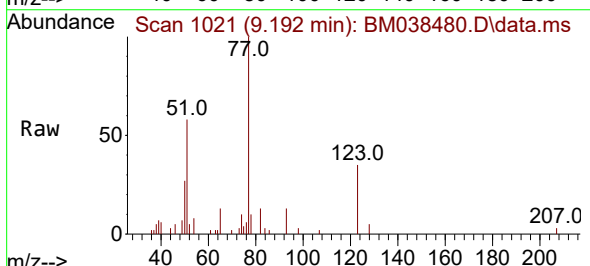
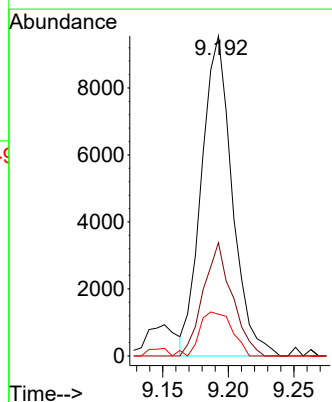
Tgt Ion: 77 Resp: 15553

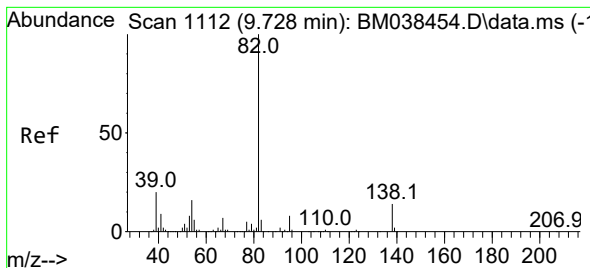
Ion Ratio Lower Upper

77 100

123 35.4 28.2 42.4

65 13.0 12.1 18.1





#25

Isophorone

Concen: 3.391 ng

RT: 9.716 min Scan# 1110

Delta R.T. 0.000 min

Lab File: BM038480.D

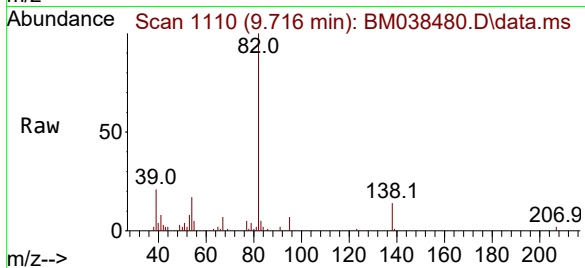
Acq: 18 Jan 2023 15:05

Instrument :

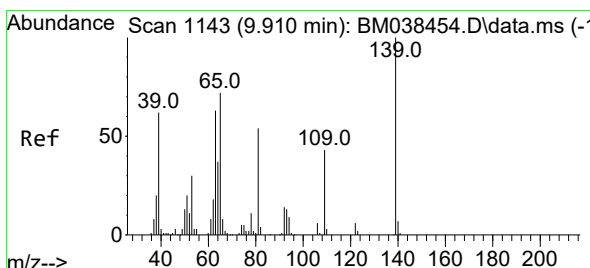
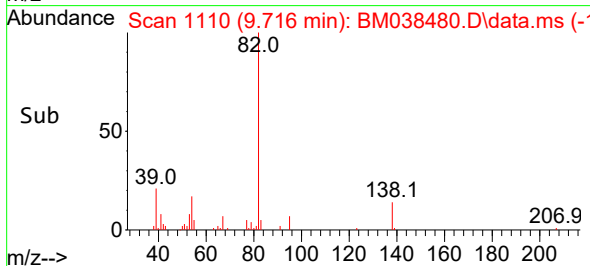
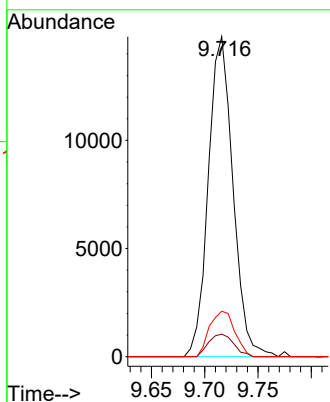
BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022



Tgt Ion:	82	Resp:	23796
Ion Ratio	Lower	Upper	
82	100		
95	7.0	6.1	9.1
138	14.2	11.5	17.3



#26

2-Nitrophenol

Concen: 2.734 ng

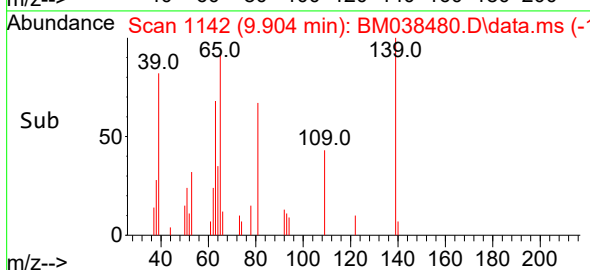
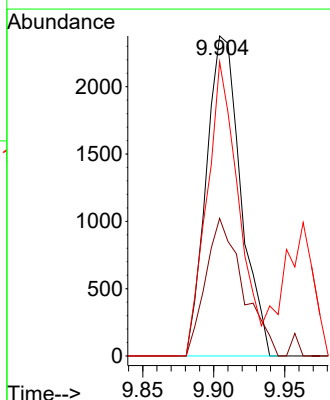
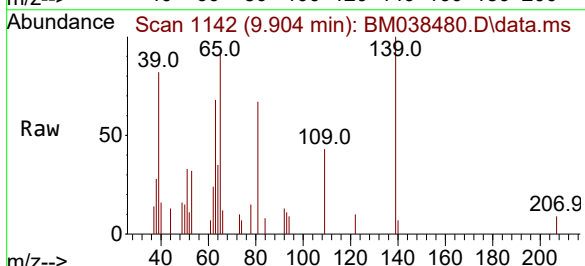
RT: 9.904 min Scan# 1142

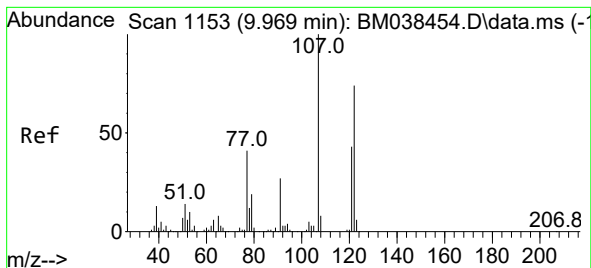
Delta R.T. 0.000 min

Lab File: BM038480.D

Acq: 18 Jan 2023 15:05

Tgt Ion:	139	Resp:	4017
Ion Ratio	Lower	Upper	
139	100		
109	43.0	34.7	52.1
65	91.9	57.4	86.0

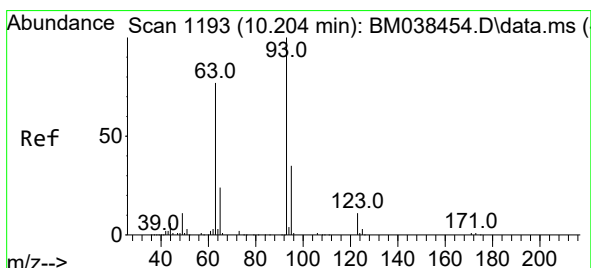
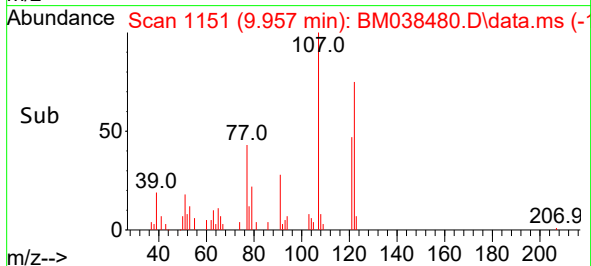
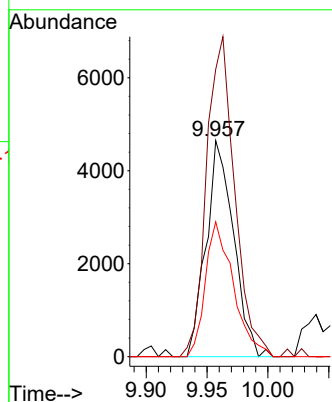
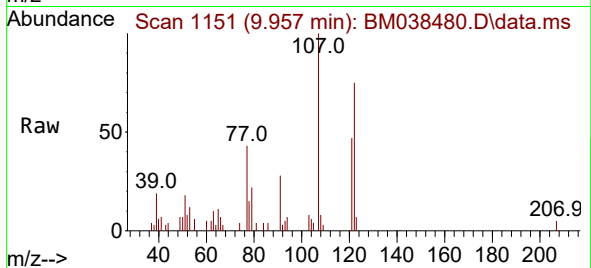




#27
2,4-Dimethylphenol
Concen: 2.918 ng
RT: 9.957 min Scan# 1151
Delta R.T. 0.000 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

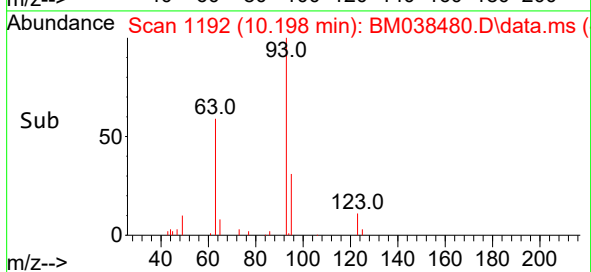
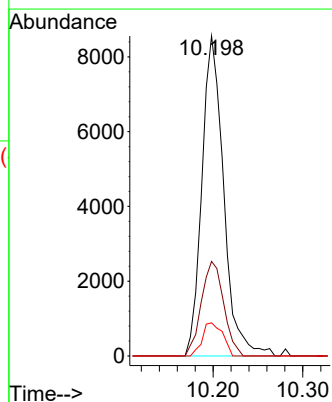
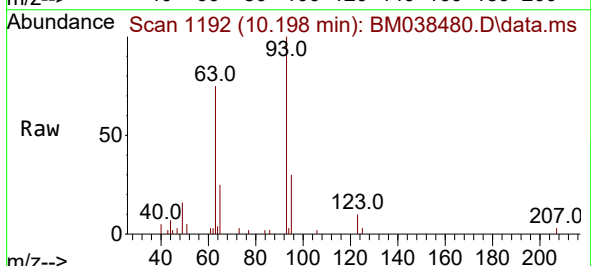
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

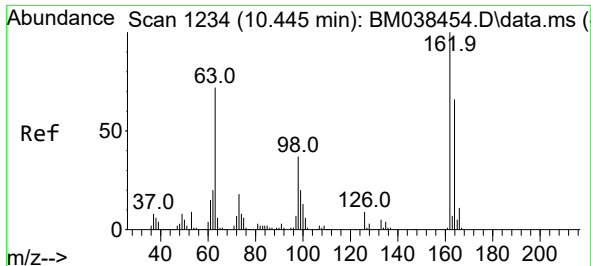
Tgt Ion:122 Resp: 7302
Ion Ratio Lower Upper
122 100
107 133.0 107.4 161.0
121 62.4 46.6 70.0



#28
bis(2-Chloroethoxy)methane
Concen: 3.652 ng
RT: 10.198 min Scan# 1192
Delta R.T. 0.000 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

Tgt Ion: 93 Resp: 14413
Ion Ratio Lower Upper
93 100
95 29.5 27.7 41.5
123 10.4 8.6 13.0





#29

2,4-Dichlorophenol

Concen: 3.154 ng

RT: 10.439 min Scan# 1233

Delta R.T. 0.006 min

Lab File: BM038480.D

Acq: 18 Jan 2023 15:05

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022

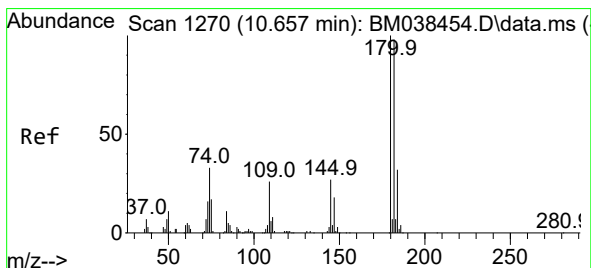
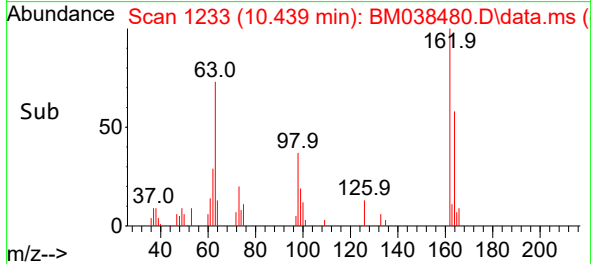
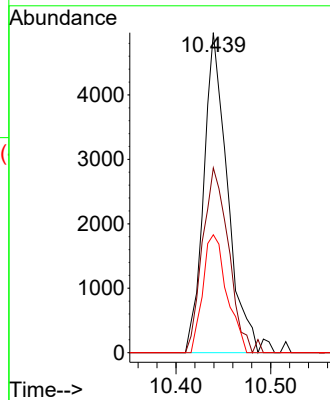
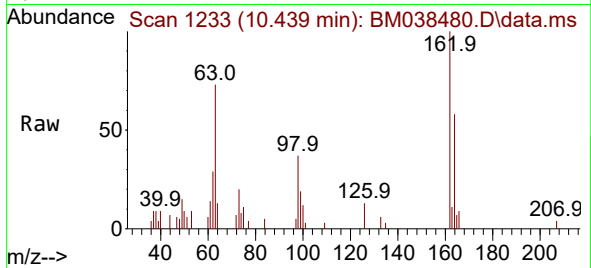
Tgt Ion:162 Resp: 8718

Ion Ratio Lower Upper

162 100

164 57.7 46.5 86.5

98 36.9 17.1 57.1



#30

1,2,4-Trichlorobenzene

Concen: 3.351 ng

RT: 10.651 min Scan# 1269

Delta R.T. 0.000 min

Lab File: BM038480.D

Acq: 18 Jan 2023 15:05

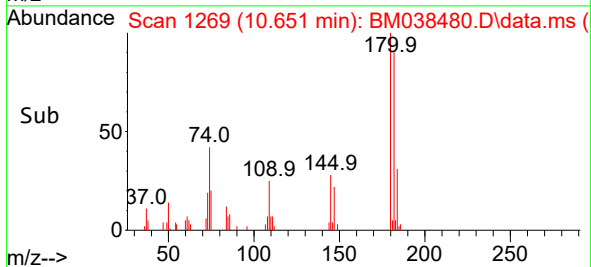
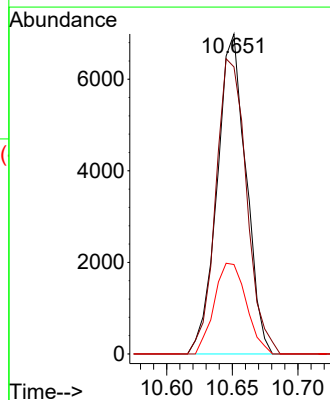
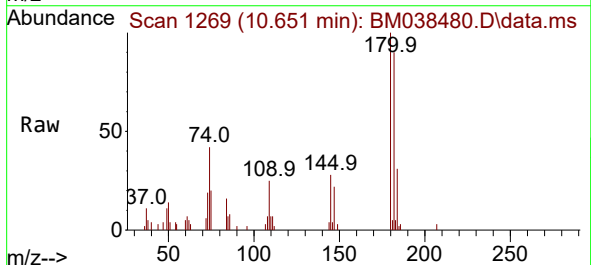
Tgt Ion:180 Resp: 10712

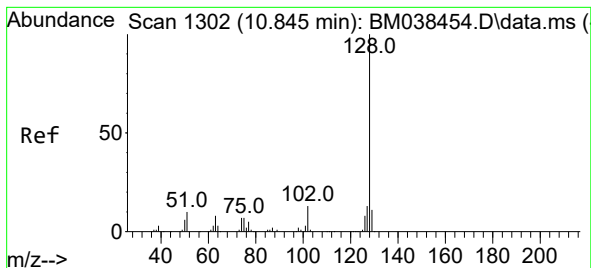
Ion Ratio Lower Upper

180 100

182 89.7 78.1 117.1

145 27.9 21.9 32.9





#31

Naphthalene

Concen: 3.576 ng

RT: 10.839 min Scan# 1165

Delta R.T. 0.000 min

Lab File: BM038480.D

Acq: 18 Jan 2023 15:05

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022

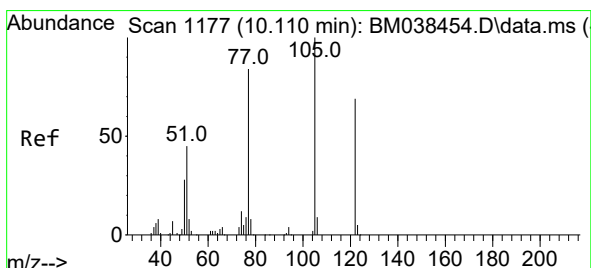
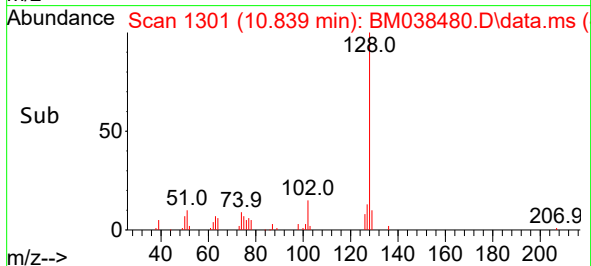
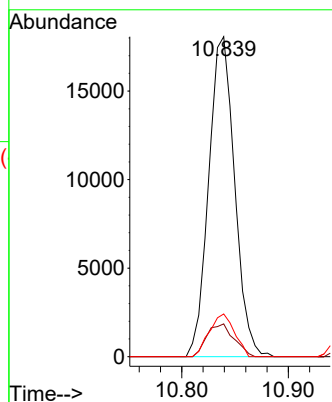
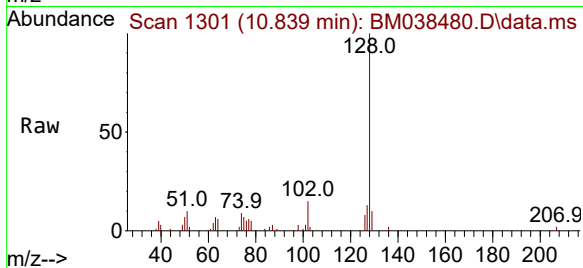
Tgt Ion:128 Resp: 30594

Ion Ratio Lower Upper

128 100

129 10.3 8.9 13.3

127 13.3 10.8 16.2



#32

Benzoic acid

Concen: 6.216 ng

RT: 10.039 min Scan# 1165

Delta R.T. -0.059 min

Lab File: BM038480.D

Acq: 18 Jan 2023 15:05

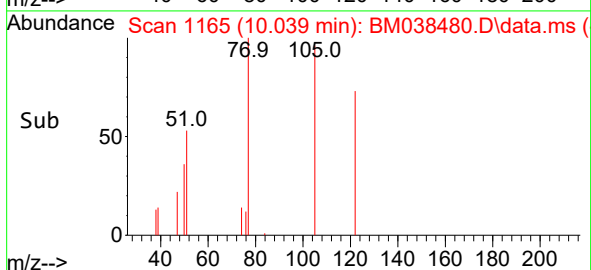
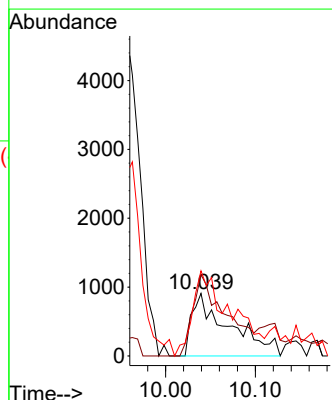
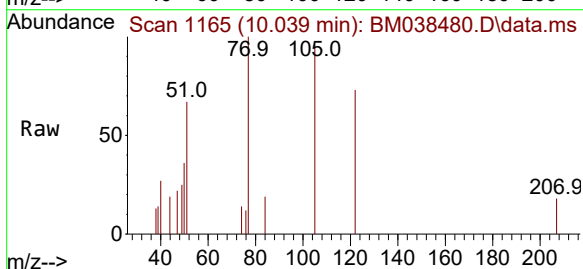
Tgt Ion:122 Resp: 2611

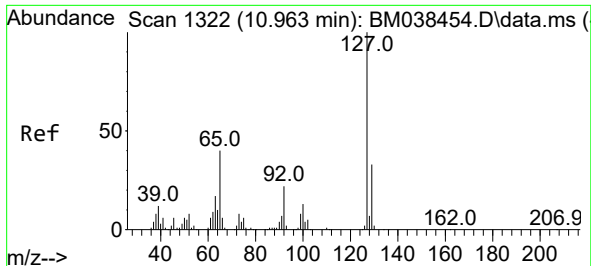
Ion Ratio Lower Upper

122 100

105 130.4 122.6 162.6

77 136.2 101.5 141.5

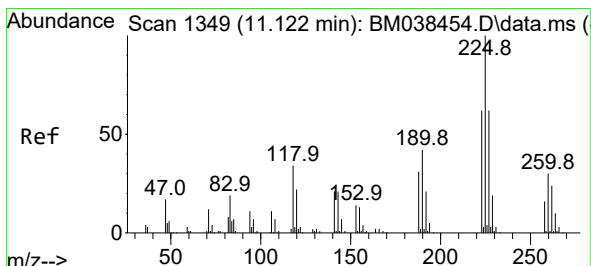
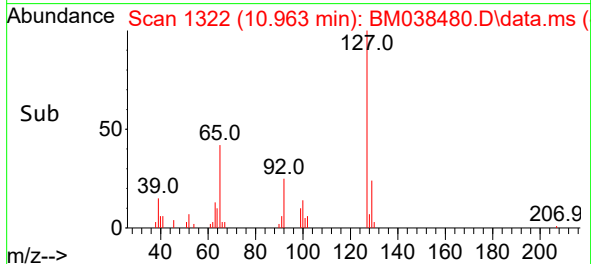
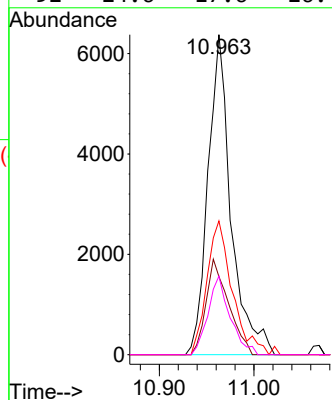
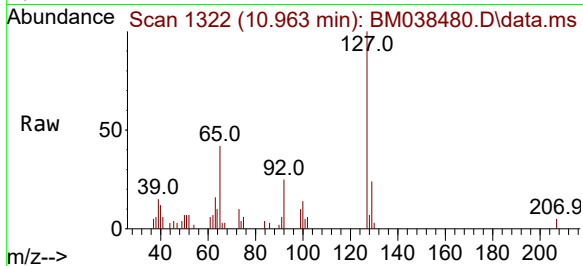




#33
4-Chloroaniline
Concen: 2.864 ng
RT: 10.963 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

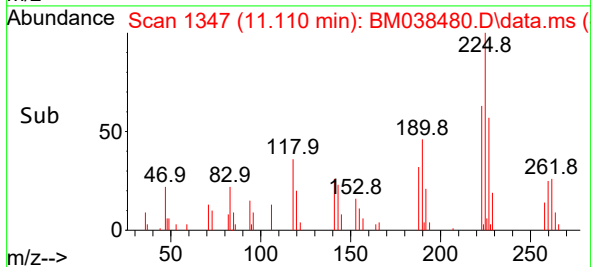
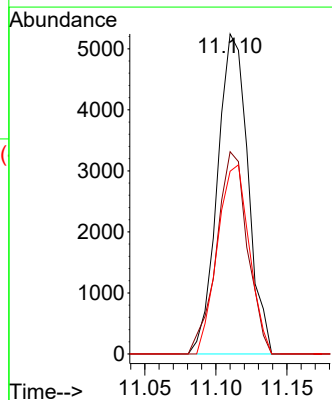
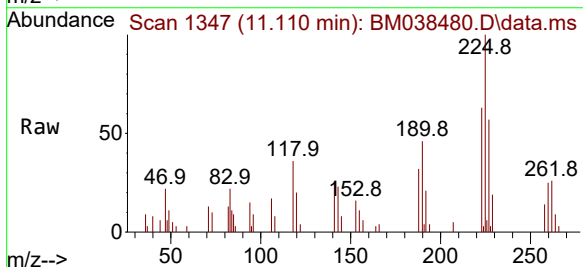
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

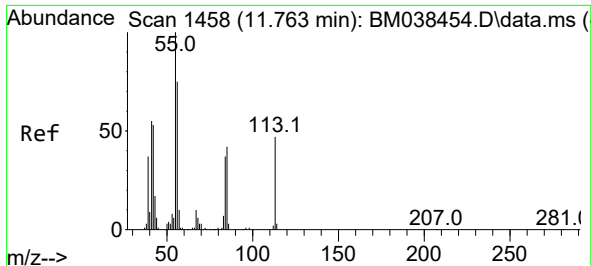
Tgt Ion:	127	Resp:	10755
Ion Ratio	Lower	Upper	
127	100		
129	24.4	26.4	39.6#
65	41.8	32.1	48.1
92	24.6	17.6	26.4



#34
Hexachlorobutadiene
Concen: 3.501 ng
RT: 11.110 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

Tgt Ion:	225	Resp:	7848
Ion Ratio	Lower	Upper	
225	100		
223	59.4	49.8	74.8
227	56.6	49.6	74.4

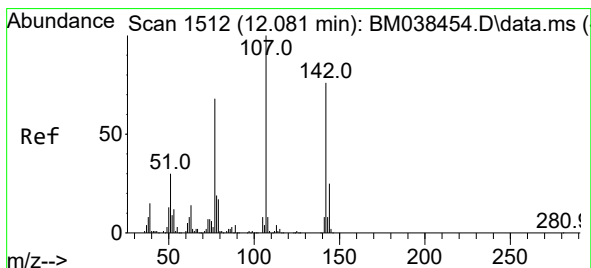
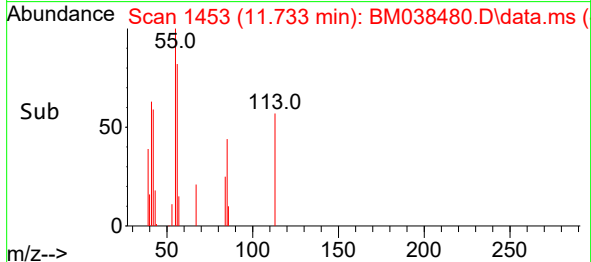
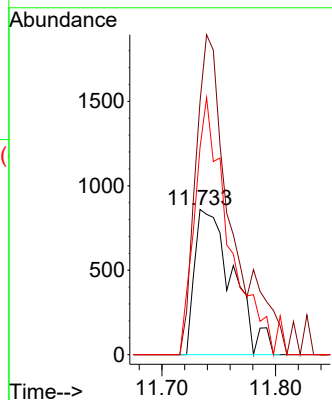
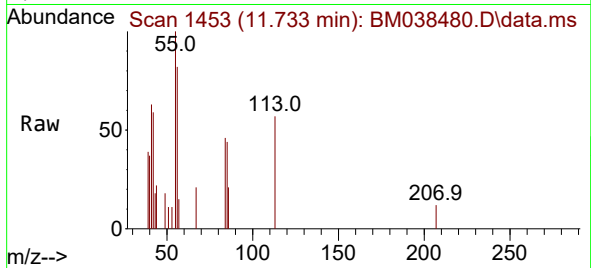




#35
Caprolactam
Concen: 2.557 ng
RT: 11.733 min Scan# 1458
Delta R.T. -0.017 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

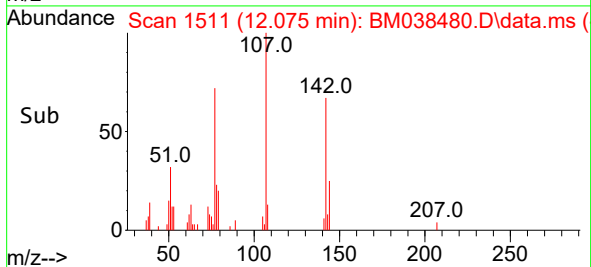
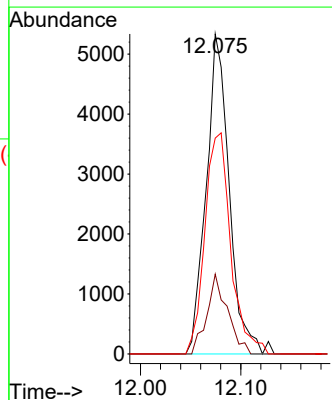
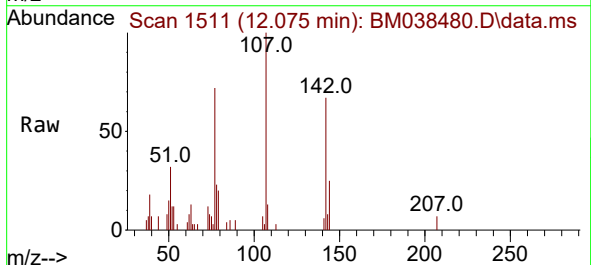
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

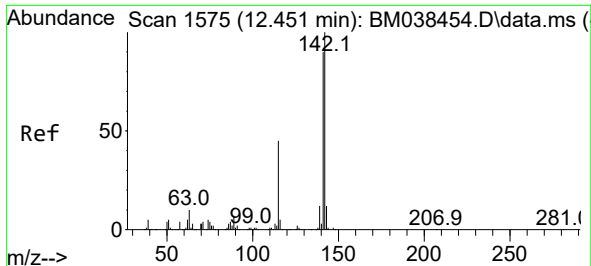
Tgt Ion:113 Resp: 1998
Ion Ratio Lower Upper
113 100
55 174.3 194.2 234.2#
56 142.7 141.6 181.6



#36
4-Chloro-3-methylphenol
Concen: 2.840 ng
RT: 12.075 min Scan# 1511
Delta R.T. 0.000 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

Tgt Ion:107 Resp: 8561
Ion Ratio Lower Upper
107 100
144 25.0 20.3 30.5
142 67.4 61.2 91.8





#37

2-Methylnaphthalene

Concen: 3.163 ng

RT: 12.445 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM038480.D

Acq: 18 Jan 2023 15:05

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022

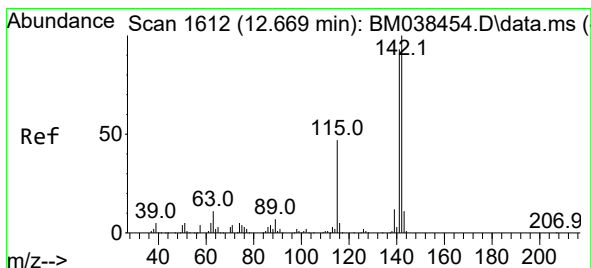
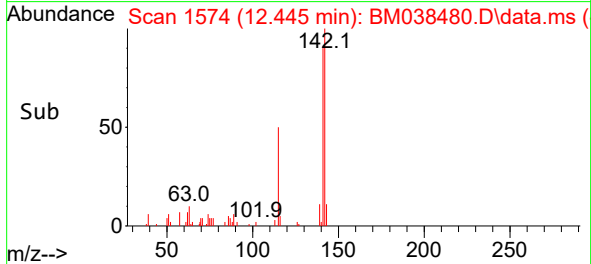
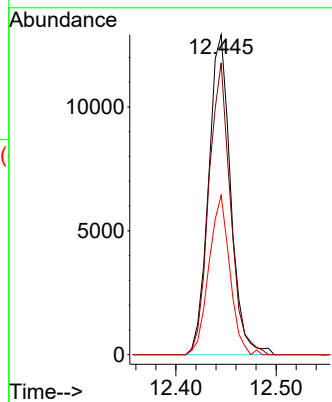
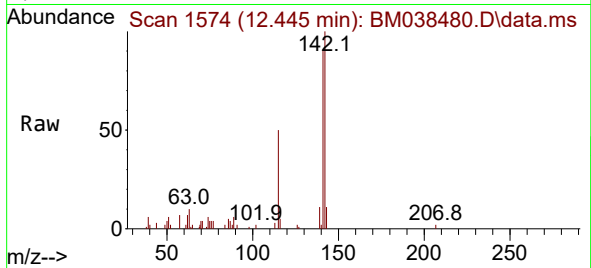
Tgt Ion:142 Resp: 19781

Ion Ratio Lower Upper

142 100

141 91.2 72.0 108.0

115 49.8 35.9 53.9



#38

1-Methylnaphthalene

Concen: 3.186 ng

RT: 12.663 min Scan# 1611

Delta R.T. 0.000 min

Lab File: BM038480.D

Acq: 18 Jan 2023 15:05

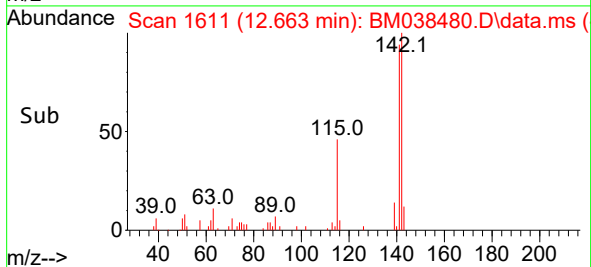
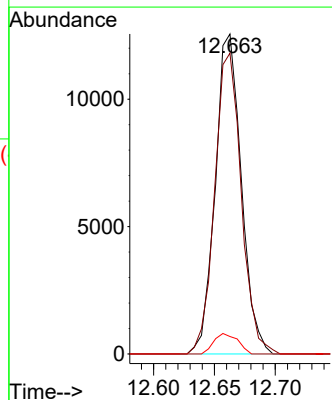
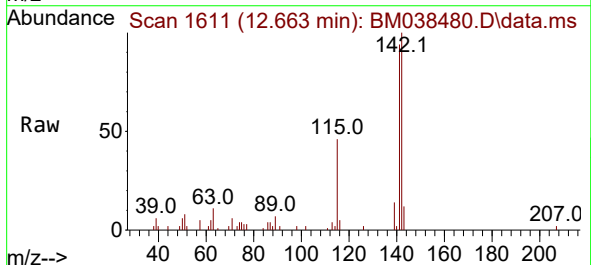
Tgt Ion:142 Resp: 18710

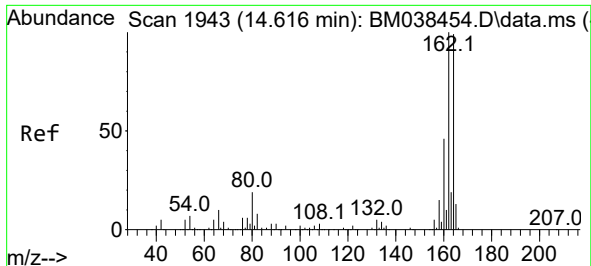
Ion Ratio Lower Upper

142 100

141 94.0 74.4 111.6

116 5.4 3.8 5.8

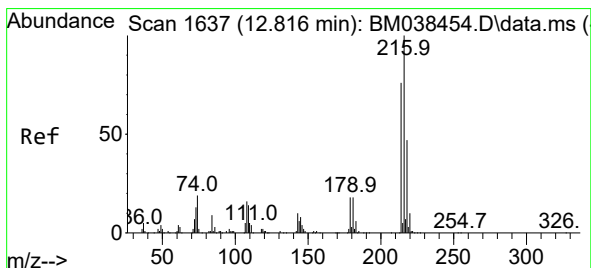
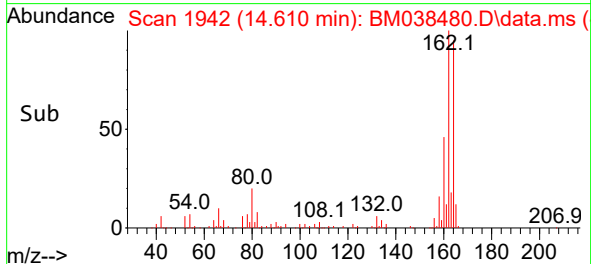
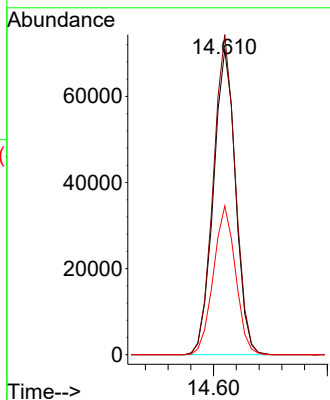
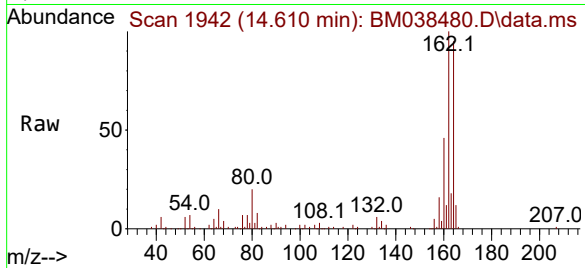




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.610 min Scan# 1942
Delta R.T. 0.000 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

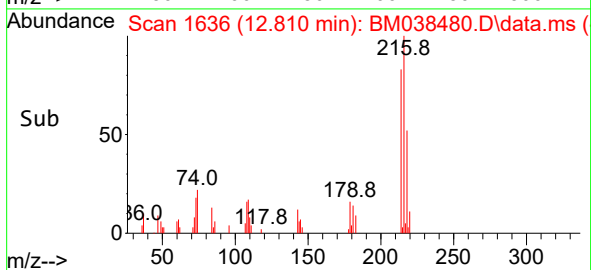
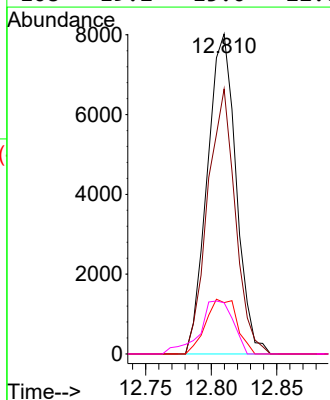
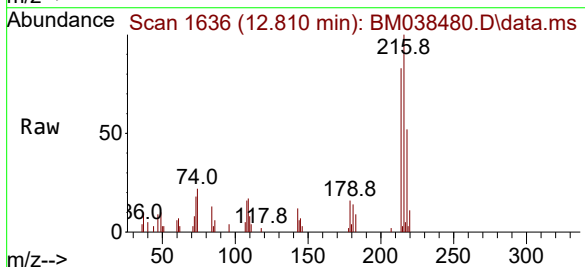
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

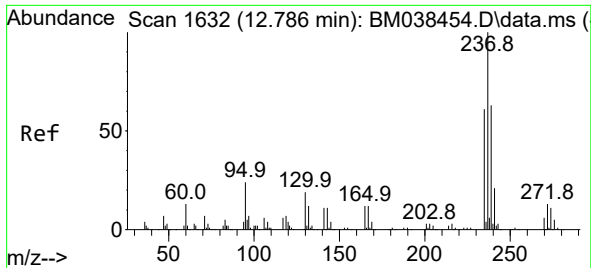
Tgt Ion:164 Resp: 96036
Ion Ratio Lower Upper
164 100
162 104.9 80.9 121.3
160 48.8 37.4 56.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 3.411 ng
RT: 12.810 min Scan# 1636
Delta R.T. 0.000 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

Tgt Ion:216 Resp: 12259
Ion Ratio Lower Upper
216 100
214 79.4 61.4 92.0
179 18.5 15.3 22.9
108 19.2 15.0 22.6

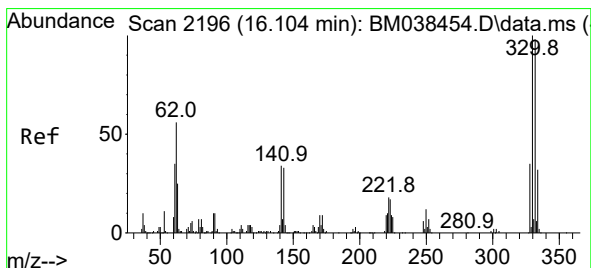
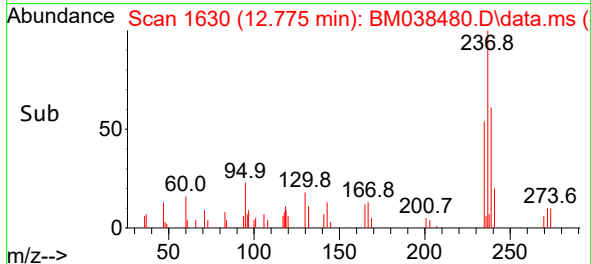
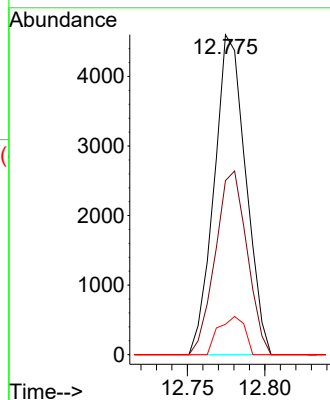
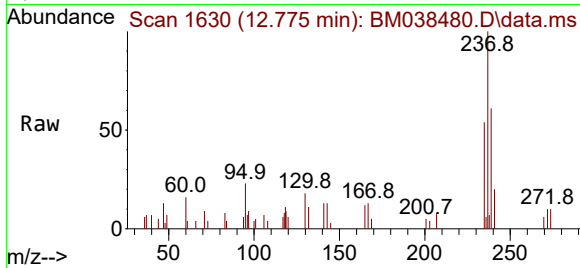




#41
Hexachlorocyclopentadiene
Concen: 3.188 ng
RT: 12.775 min Scan# 1630
Delta R.T. -0.006 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

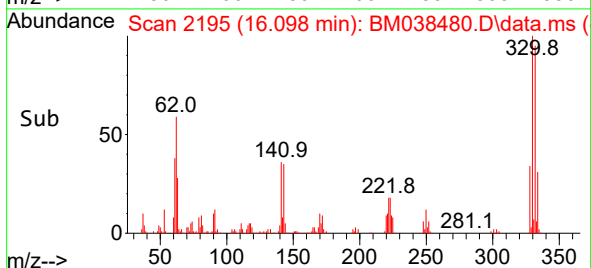
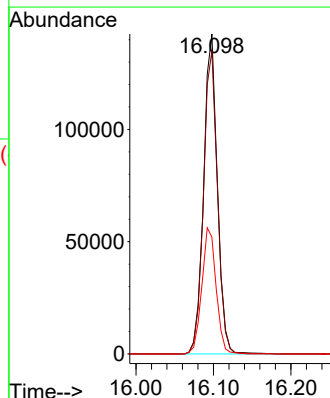
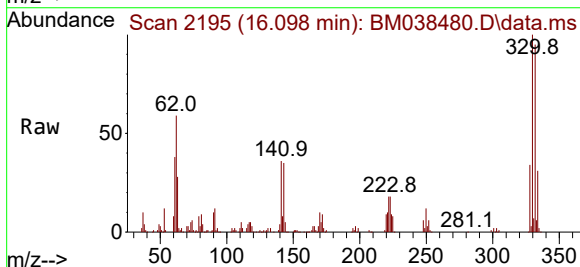
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

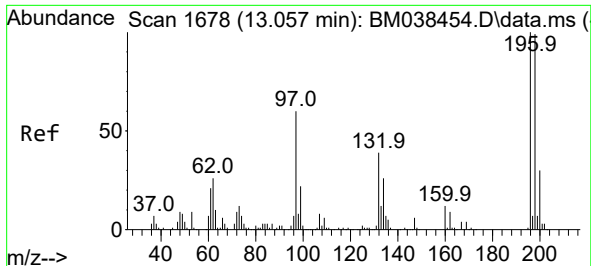
Tgt Ion:237	Resp:	6515
Ion Ratio	Lower	Upper
237	100	
235	54.4	40.9 80.9
272	9.5	0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 108.045 ng
RT: 16.098 min Scan# 2195
Delta R.T. 0.000 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

Tgt Ion:330	Resp:	175410
Ion Ratio	Lower	Upper
330	100	
332	96.0	77.0 115.4
141	40.9	28.1 42.1





#43

2,4,6-Trichlorophenol

Concen: 3.045 ng

RT: 13.051 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM038480.D

Acq: 18 Jan 2023 15:05

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022

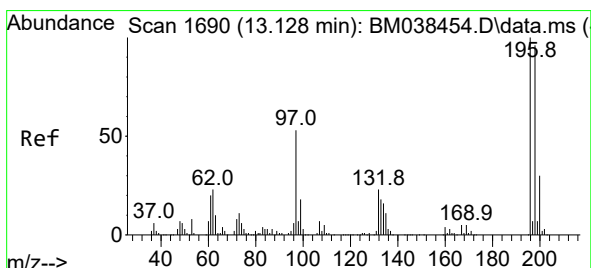
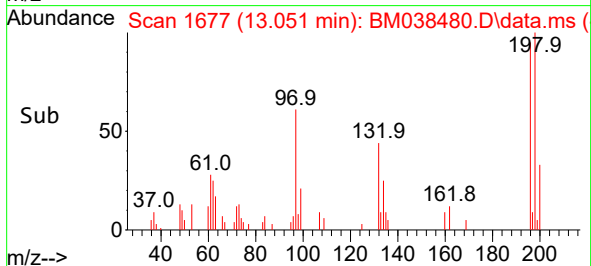
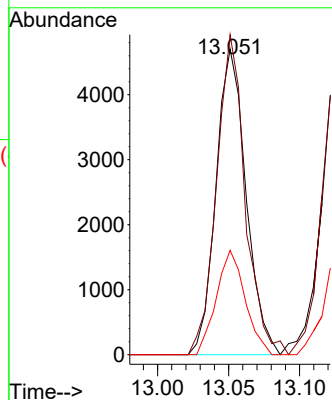
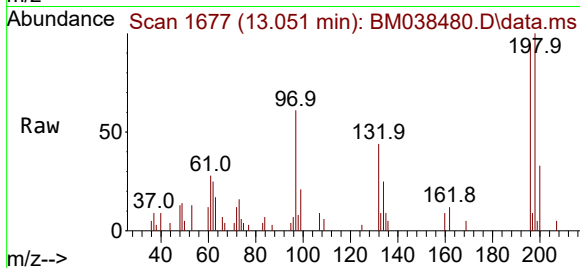
Tgt Ion:196 Resp: 6919

Ion Ratio Lower Upper

196 100

198 104.7 78.8 118.2

200 34.1 24.4 36.6



#44

2,4,5-Trichlorophenol

Concen: 2.949 ng

RT: 13.127 min Scan# 1690

Delta R.T. 0.006 min

Lab File: BM038480.D

Acq: 18 Jan 2023 15:05

Tgt Ion:196 Resp: 7899

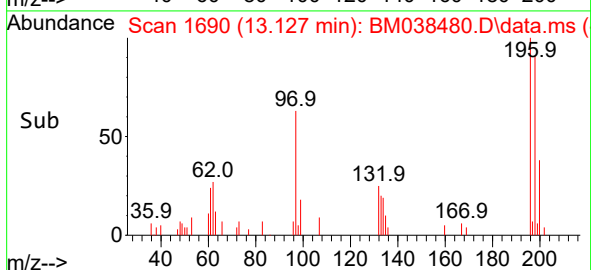
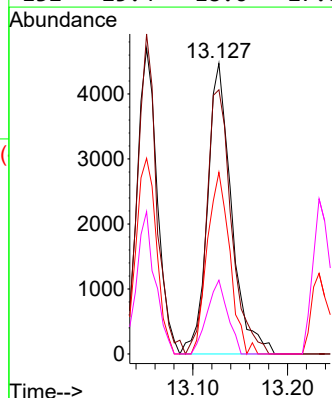
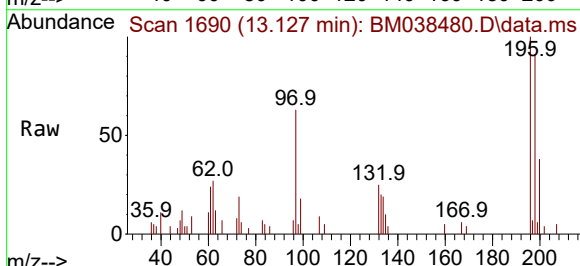
Ion Ratio Lower Upper

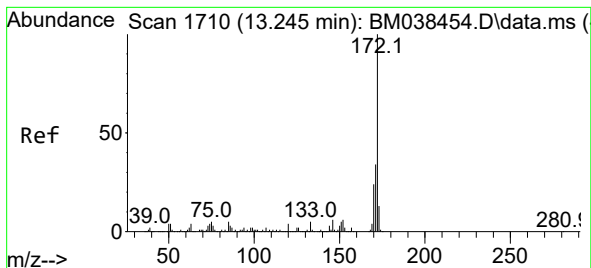
196 100

198 90.9 77.4 116.2

97 62.5 42.4 63.6

132 25.4 18.6 27.8





#45

2-Fluorobiphenyl

Concen: 76.466 ng

RT: 13.239 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM038480.D

Acq: 18 Jan 2023 15:05

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022

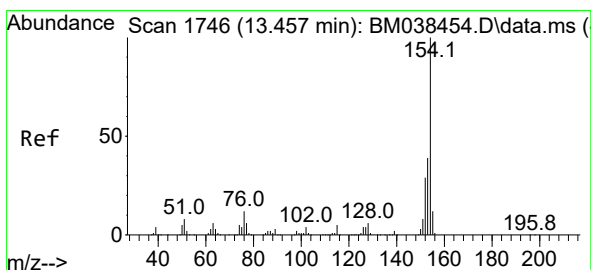
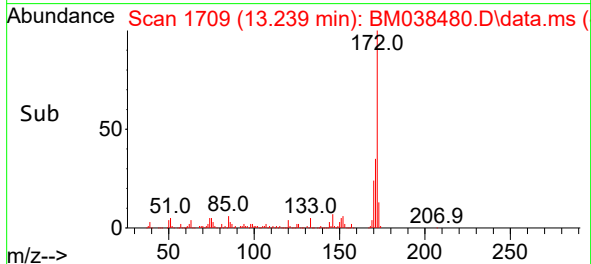
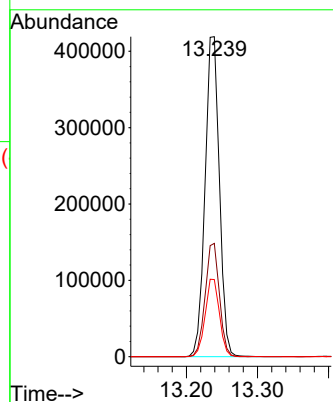
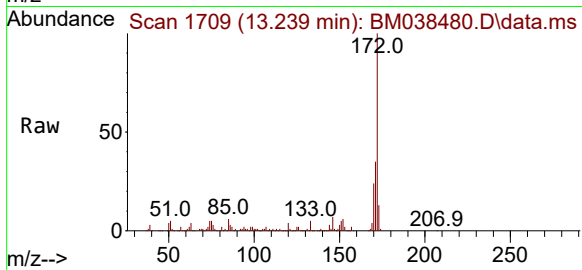
Tgt Ion:172 Resp: 588839

Ion Ratio Lower Upper

172 100

171 35.4 27.5 41.3

170 24.1 19.0 28.6



#46

1,1'-Biphenyl

Concen: 3.627 ng

RT: 13.445 min Scan# 1744

Delta R.T. 0.000 min

Lab File: BM038480.D

Acq: 18 Jan 2023 15:05

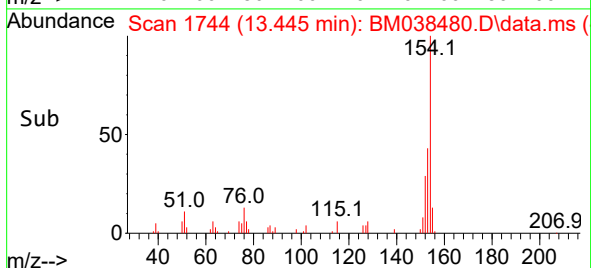
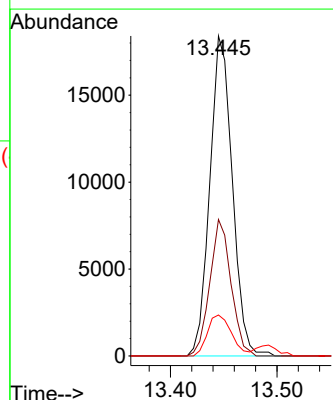
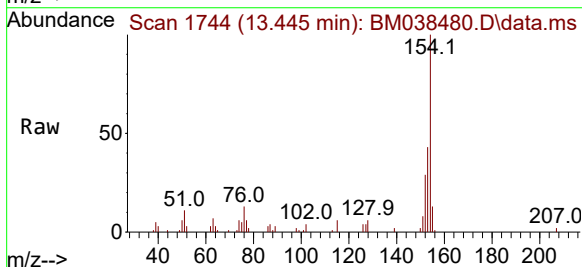
Tgt Ion:154 Resp: 27025

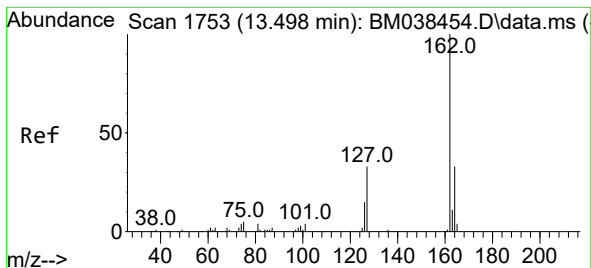
Ion Ratio Lower Upper

154 100

153 42.6 19.3 59.3

76 12.8 0.0 32.2





#47

2-Chloronaphthalene

Concen: 3.594 ng

RT: 13.492 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM038480.D

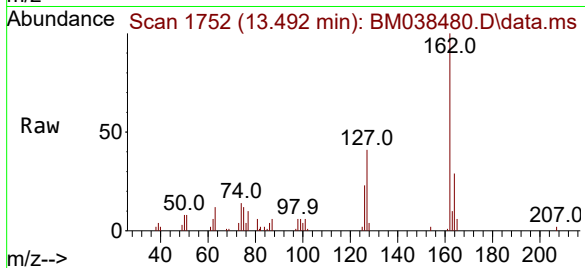
Acq: 18 Jan 2023 15:05

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022



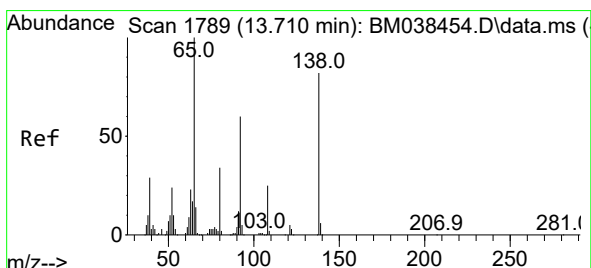
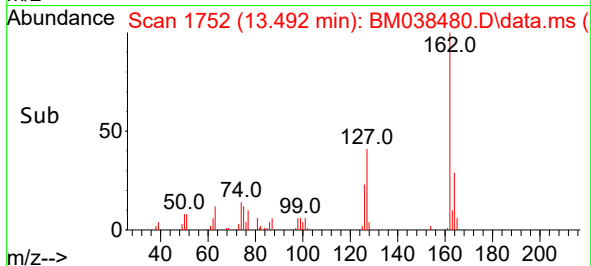
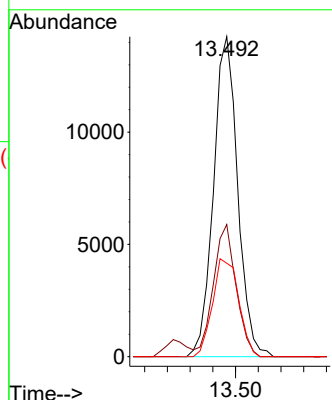
Tgt Ion:162 Resp: 21076

Ion Ratio Lower Upper

162 100

127 41.3 29.5 44.3

164 29.2 26.2 39.4



#48

2-Nitroaniline

Concen: 4.785 ng

RT: 13.710 min Scan# 1789

Delta R.T. 0.006 min

Lab File: BM038480.D

Acq: 18 Jan 2023 15:05

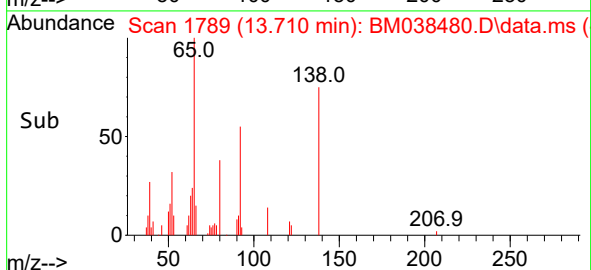
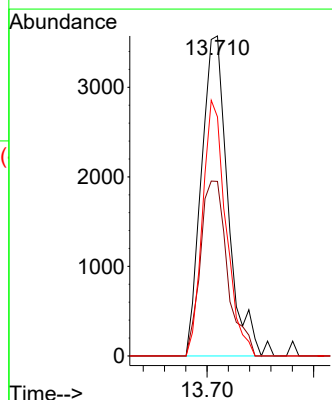
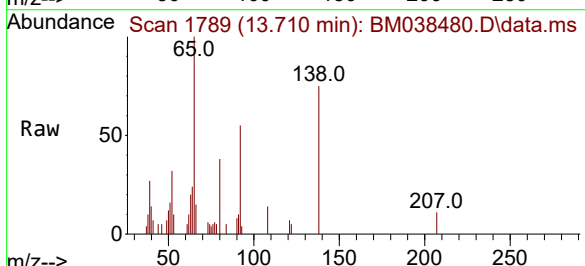
Tgt Ion: 65 Resp: 6213

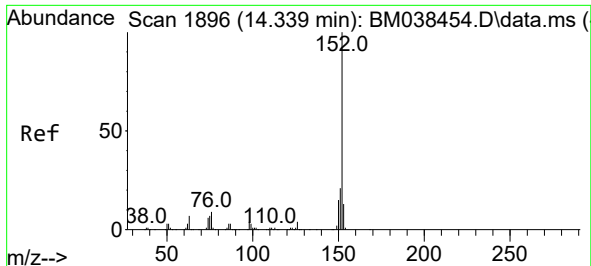
Ion Ratio Lower Upper

65 100

92 54.6 47.6 71.4

138 74.7 65.8 98.8

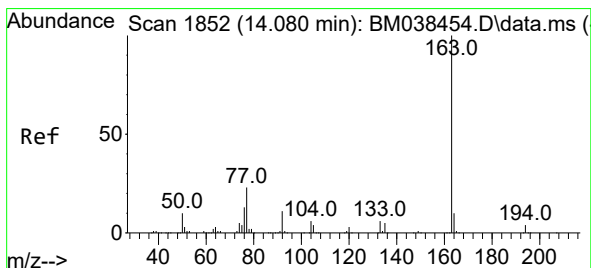
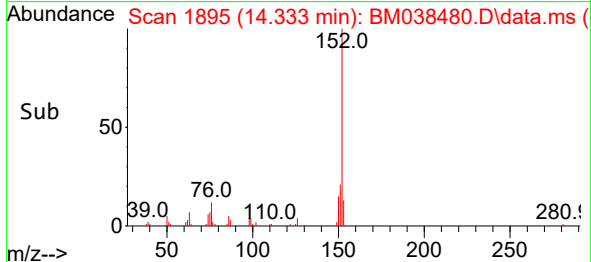
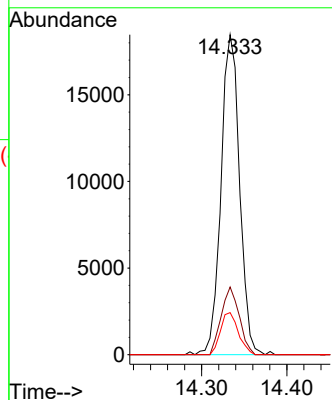
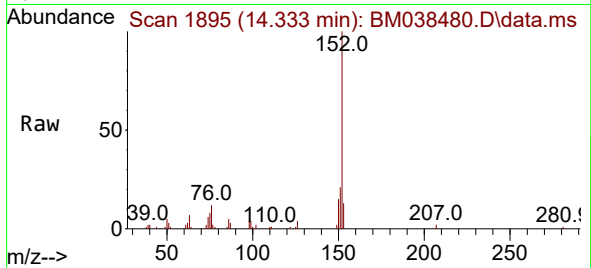




#49
Acenaphthylene
Concen: 3.032 ng
RT: 14.333 min Scan# 1895
Delta R.T. 0.000 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

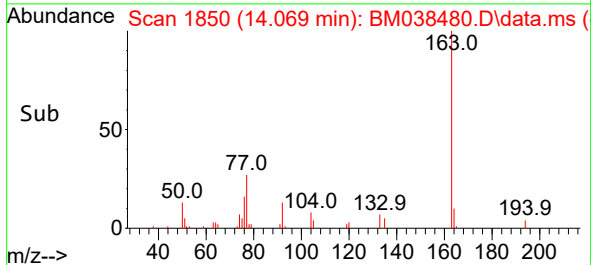
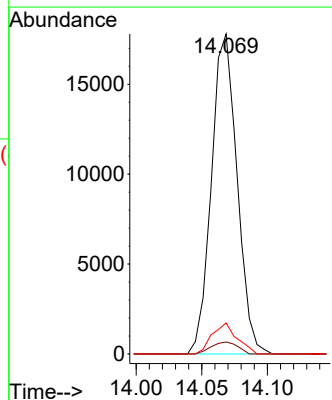
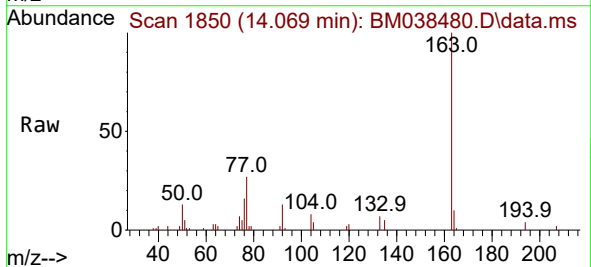
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

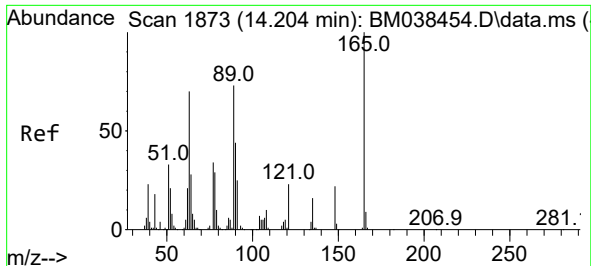
Tgt Ion:152 Resp: 28034
Ion Ratio Lower Upper
152 100
151 21.2 16.4 24.6
153 13.2 10.6 15.8



#50
Dimethylphthalate
Concen: 3.112 ng
RT: 14.069 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

Tgt Ion:163 Resp: 24219
Ion Ratio Lower Upper
163 100
194 3.8 3.6 5.4
164 9.7 7.8 11.8





#51

2,6-Dinitrotoluene

Concen: 2.959 ng

RT: 14.198 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM038480.D

Acq: 18 Jan 2023 15:05

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022

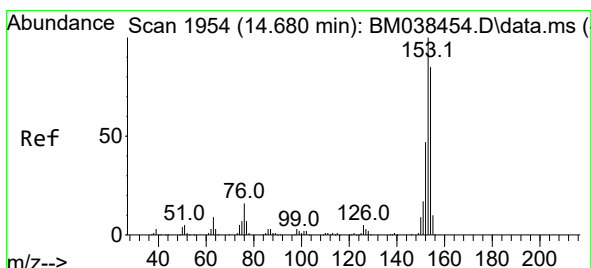
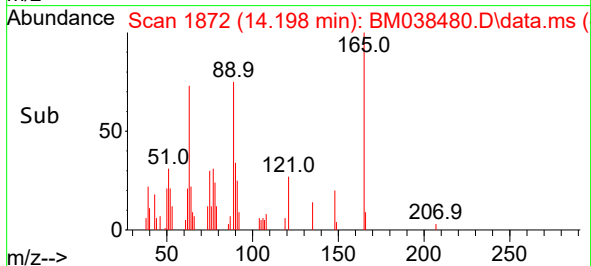
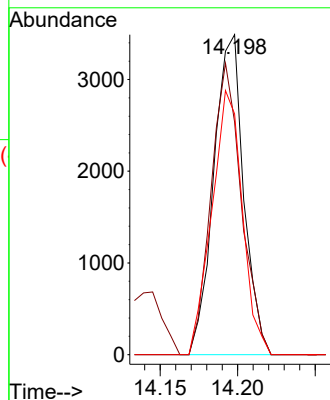
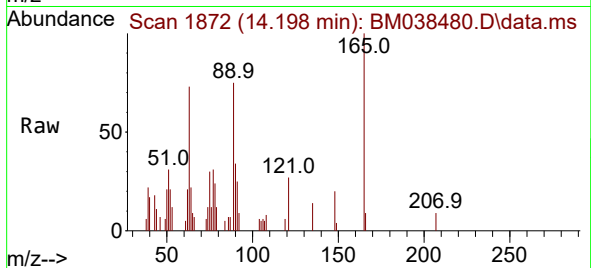
Tgt Ion:165 Resp: 4685

Ion Ratio Lower Upper

165 100

63 72.7 60.9 91.3

89 75.2 58.6 87.8



#52

Acenaphthene

Concen: 3.285 ng

RT: 14.674 min Scan# 1953

Delta R.T. 0.000 min

Lab File: BM038480.D

Acq: 18 Jan 2023 15:05

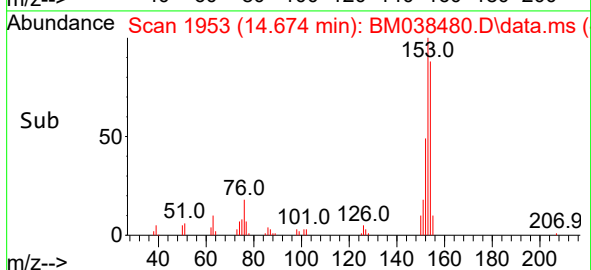
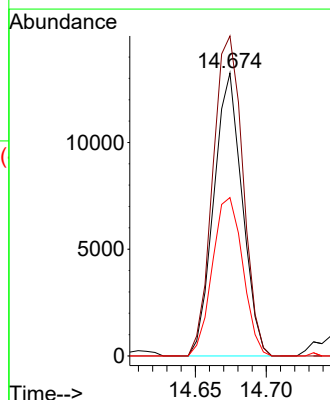
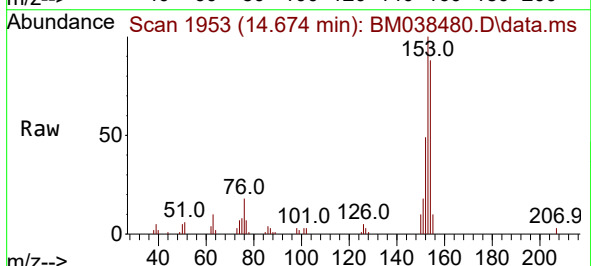
Tgt Ion:154 Resp: 18455

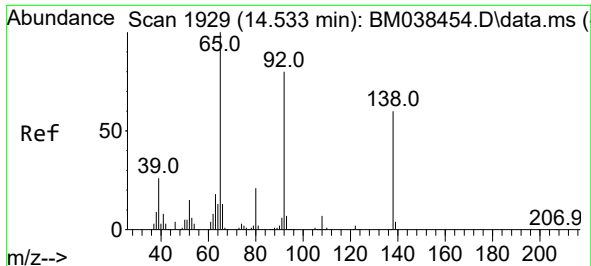
Ion Ratio Lower Upper

154 100

153 113.1 93.8 140.6

152 56.0 44.2 66.4

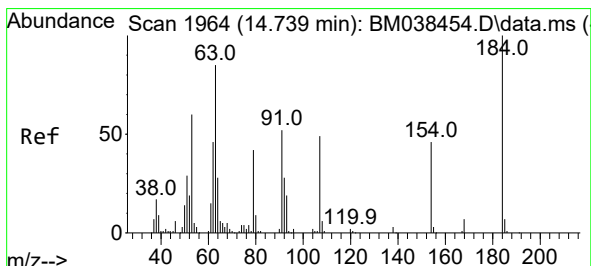
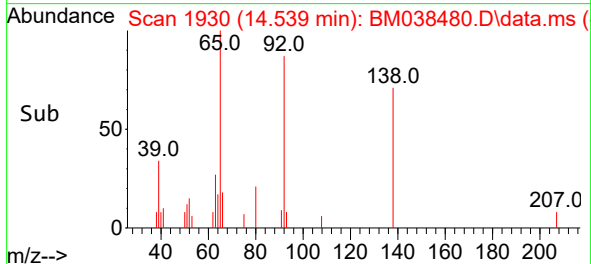
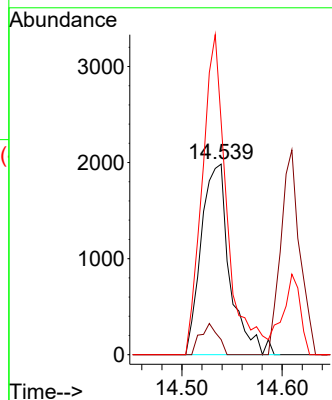
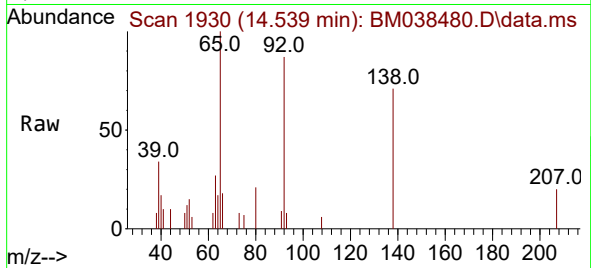




#53
3-Nitroaniline
Concen: 4.771 ng
RT: 14.539 min Scan# 1929
Delta R.T. 0.012 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

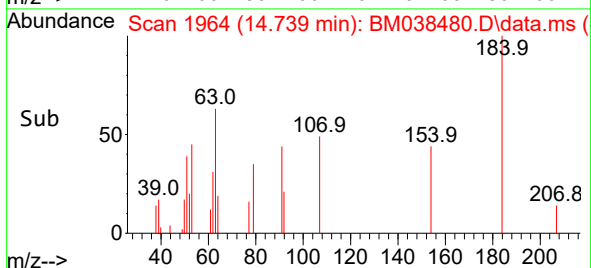
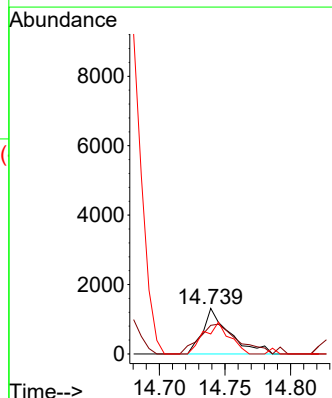
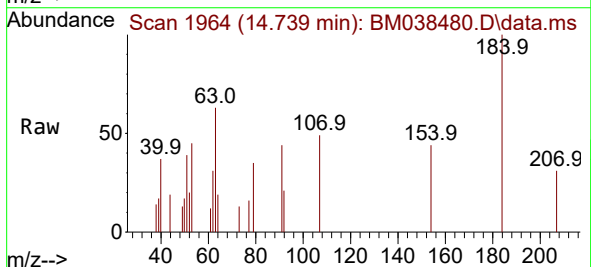
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

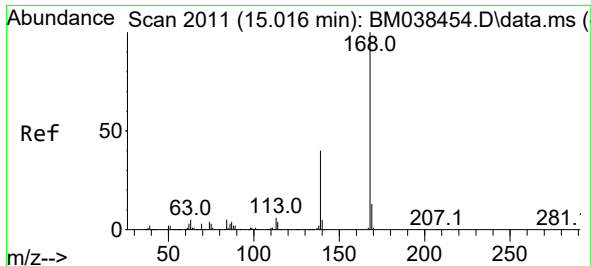
Tgt Ion:138 Resp: 3913
Ion Ratio Lower Upper
138 100
108 7.9 8.9 13.3#
92 122.2 106.4 159.6



#54
2,4-Dinitrophenol
Concen: 6.790 ng
RT: 14.739 min Scan# 1964
Delta R.T. 0.006 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

Tgt Ion:184 Resp: 1852
Ion Ratio Lower Upper
184 100
63 62.8 70.0 105.0#
154 43.7 55.6 83.4#

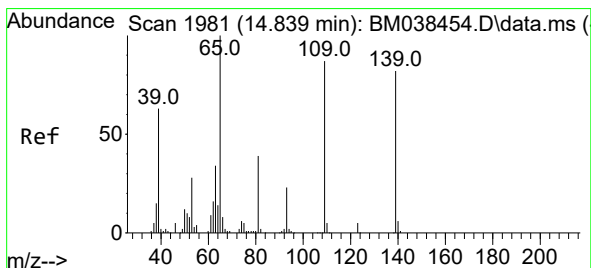
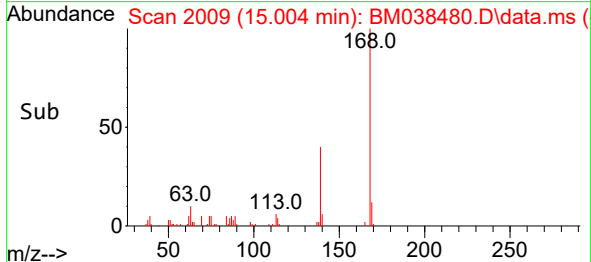
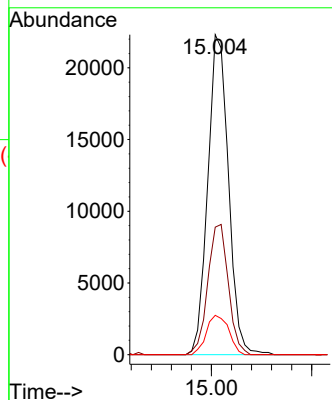
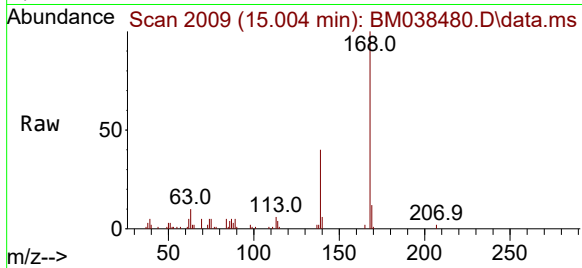




#55
Dibenzofuran
Concen: 3.348 ng
RT: 15.004 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

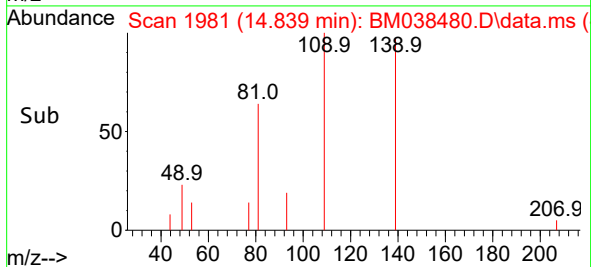
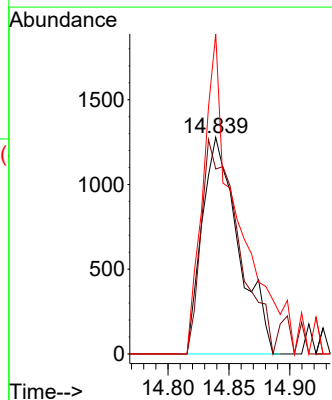
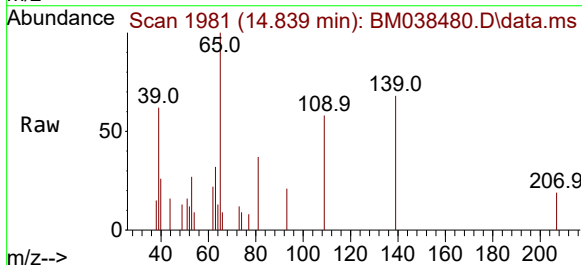
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

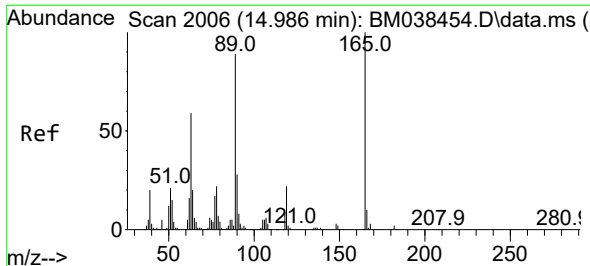
Tgt Ion:168 Resp: 32027
Ion Ratio Lower Upper
168 100
139 39.8 31.9 47.9
169 12.3 10.5 15.7



#56
4-Nitrophenol
Concen: 5.711 ng
RT: 14.839 min Scan# 1981
Delta R.T. 0.012 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

Tgt Ion:139 Resp: 2662
Ion Ratio Lower Upper
139 100
109 85.4 86.0 126.0#
65 147.7 102.7 142.7#

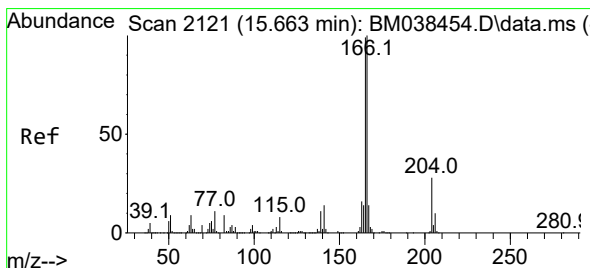
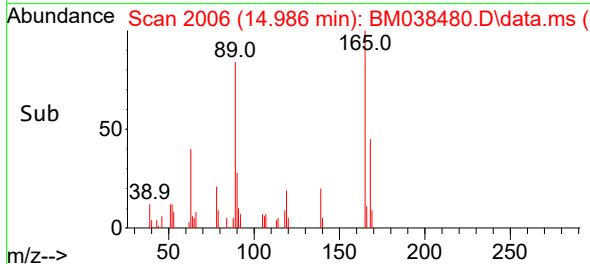
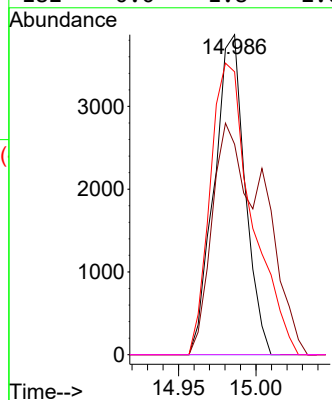
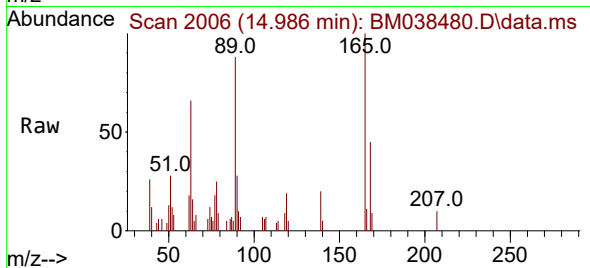




#57
2,4-Dinitrotoluene
Concen: 2.430 ng
RT: 14.986 min Scan# 2006
Delta R.T. 0.006 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

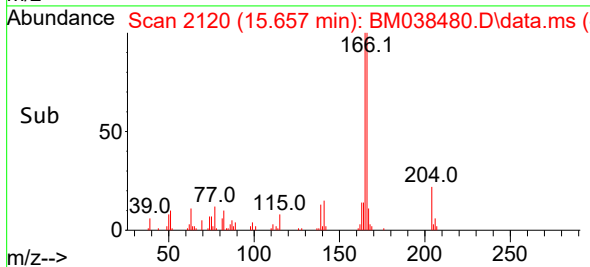
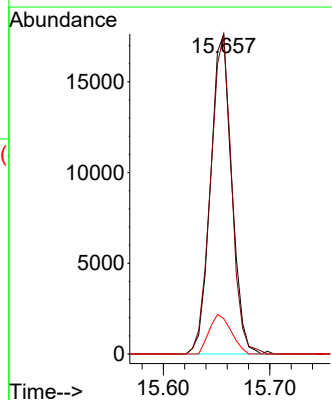
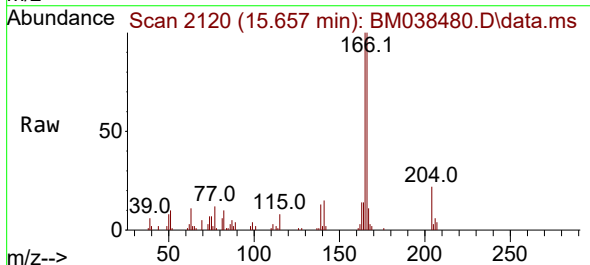
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

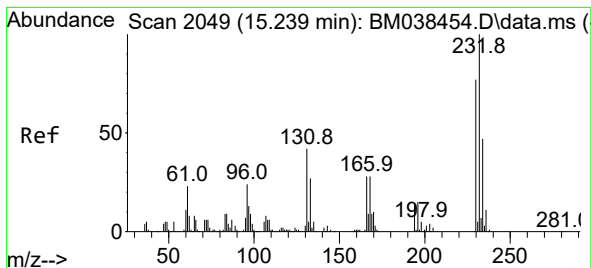
Tgt Ion:165 Resp: 5348
Ion Ratio Lower Upper
165 100
63 65.8 47.7 71.5
89 88.4 71.5 107.3
182 0.0 1.8 2.6#



#58
Fluorene
Concen: 3.039 ng
RT: 15.657 min Scan# 2120
Delta R.T. 0.000 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

Tgt Ion:166 Resp: 24290
Ion Ratio Lower Upper
166 100
165 99.8 79.2 118.8
167 11.0 11.0 16.4

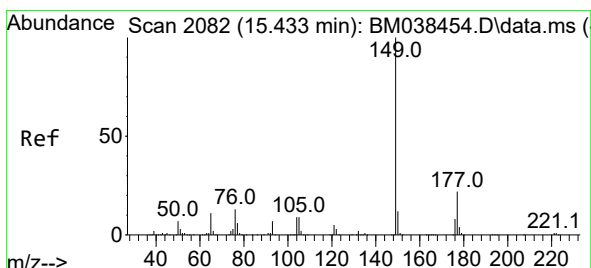
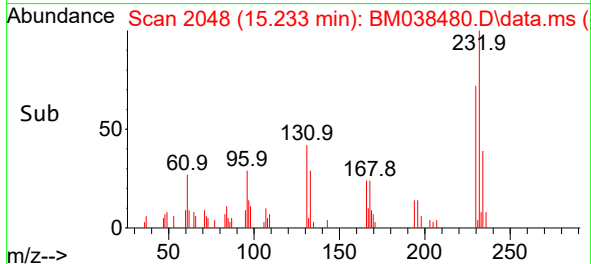
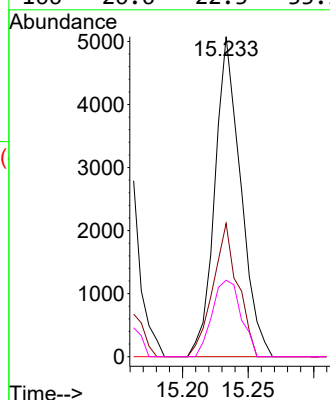
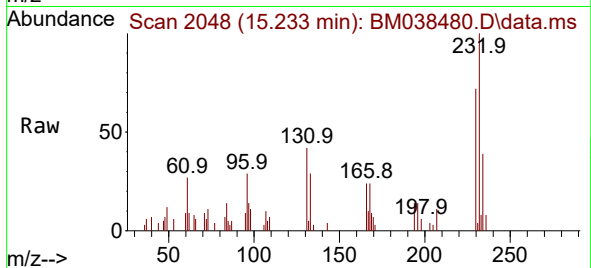




#59
2,3,4,6-Tetrachlorophenol
Concen: 2.928 ng
RT: 15.233 min Scan# 2048
Delta R.T. 0.000 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

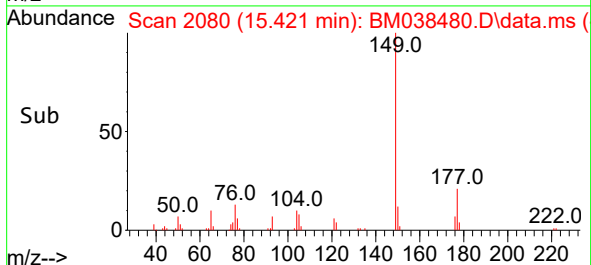
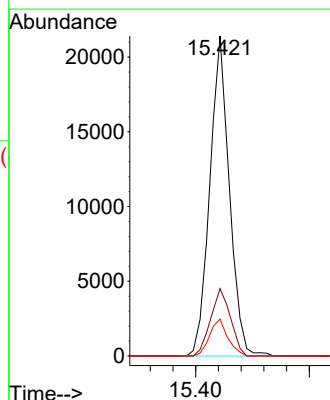
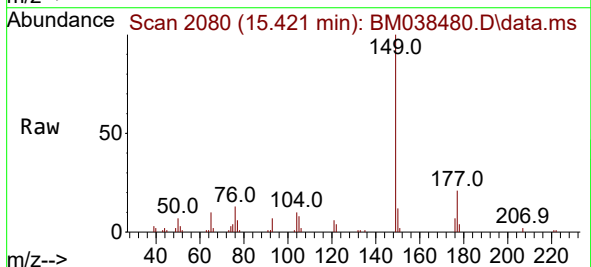
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

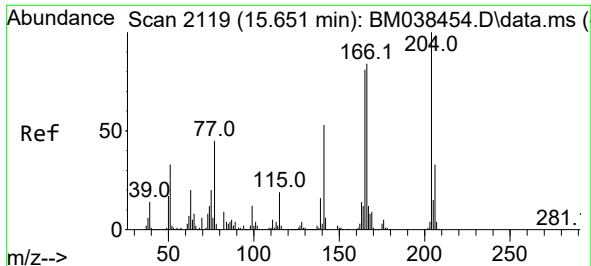
Tgt Ion:	232	Resp:	6955
Ion Ratio	Lower	Upper	
232	100		
131	40.2	33.8	50.6
130	0.0	1.9	2.9
166	26.6	22.3	33.5



#60
Diethylphthalate
Concen: 3.206 ng
RT: 15.421 min Scan# 2080
Delta R.T. 0.000 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

Tgt Ion:	149	Resp:	25596
Ion Ratio	Lower	Upper	
149	100		
177	21.1	17.8	26.6
150	11.5	9.5	14.3

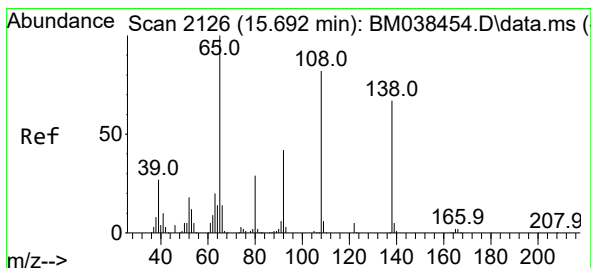
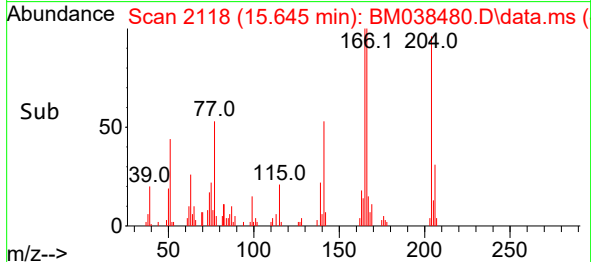
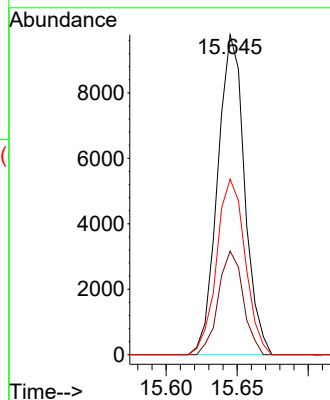
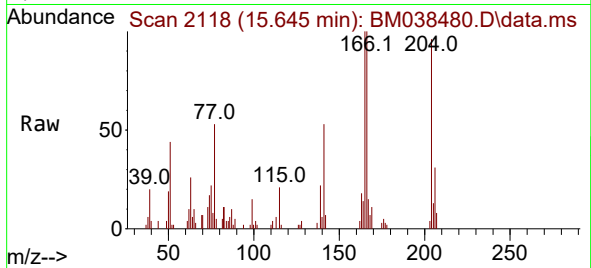




#61
4-Chlorophenyl-phenylether
Concen: 2.943 ng
RT: 15.645 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

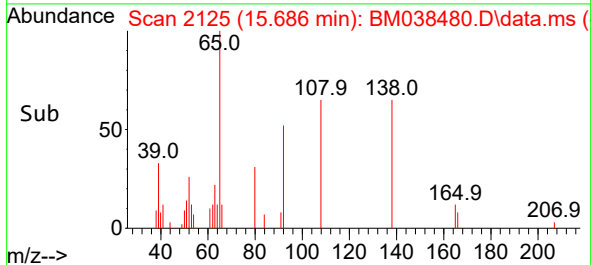
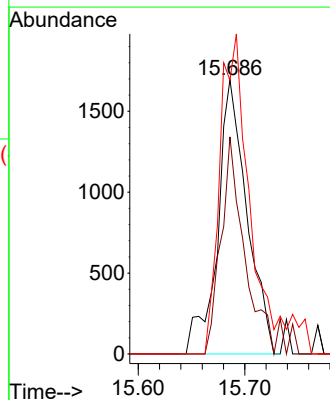
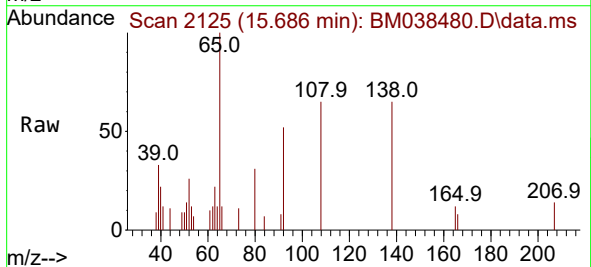
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

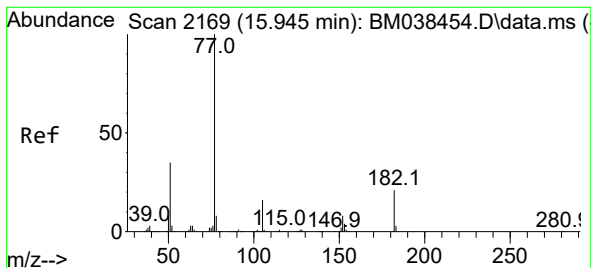
Tgt Ion:204 Resp: 12911
Ion Ratio Lower Upper
204 100
206 32.3 26.2 39.4
141 54.9 42.5 63.7



#62
4-Nitroaniline
Concen: 4.572 ng
RT: 15.686 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

Tgt Ion:138 Resp: 3243
Ion Ratio Lower Upper
138 100
92 79.2 42.1 82.1
108 99.8 102.5 142.5#





#63

Azobenzene

Concen: 3.127 ng

RT: 15.939 min Scan# 2168

Delta R.T. 0.000 min

Lab File: BM038480.D

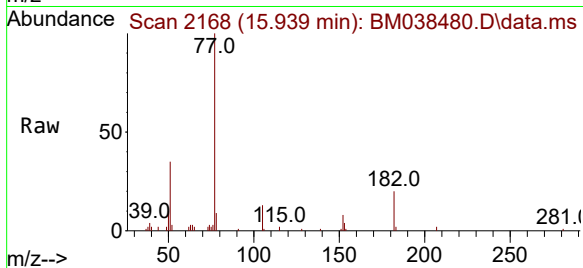
Acq: 18 Jan 2023 15:05

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022



Tgt Ion: 77 Resp: 27472

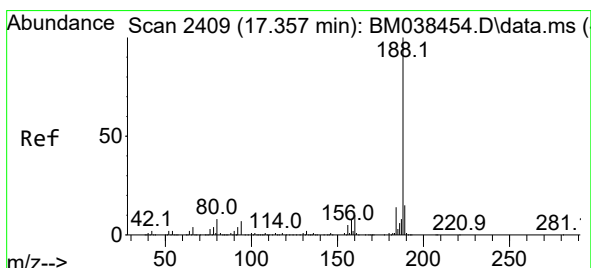
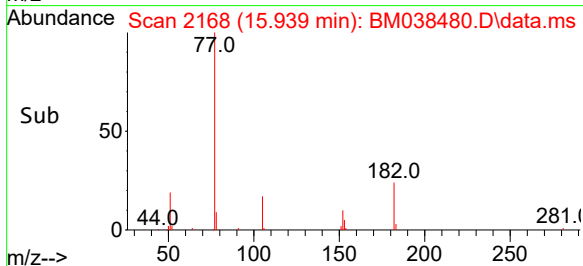
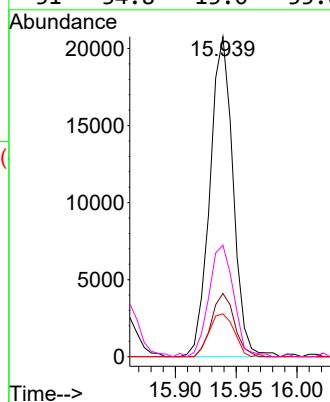
Ion Ratio Lower Upper

77 100

182 19.7 1.1 41.1

105 13.4 0.0 36.4

51 34.8 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: BM038480.D

Acq: 18 Jan 2023 15:05

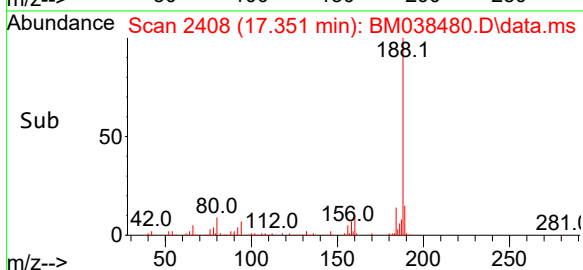
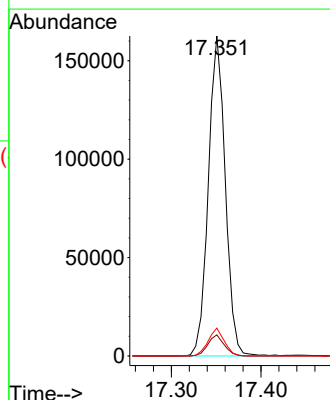
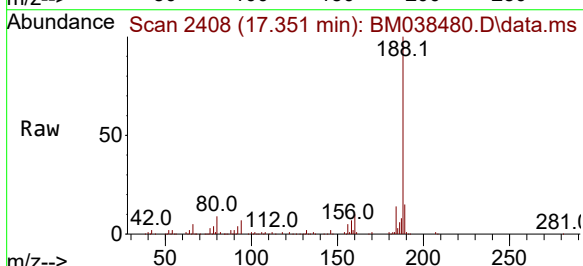
Tgt Ion: 188 Resp: 213234

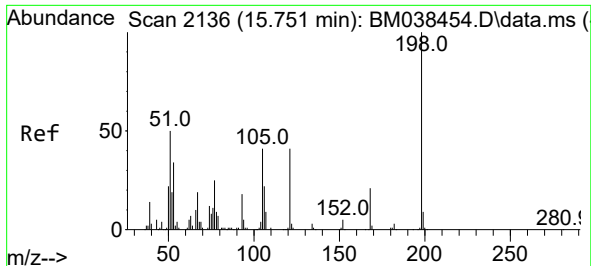
Ion Ratio Lower Upper

188 100

94 6.6 5.4 8.0

80 8.7 6.5 9.7

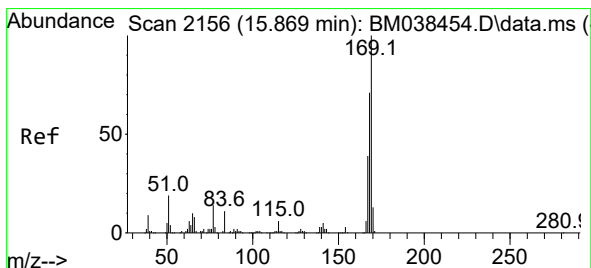
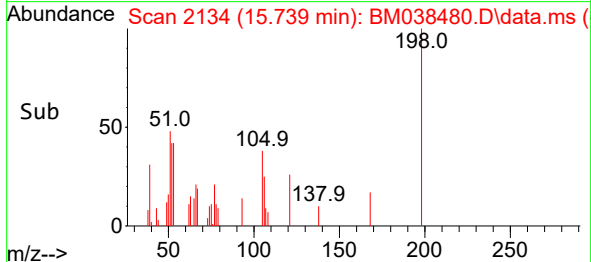
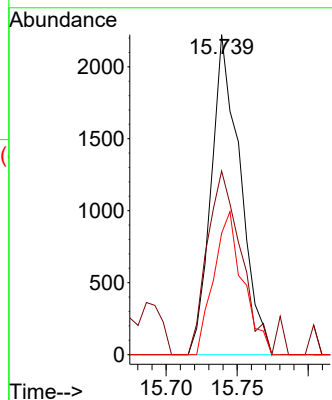
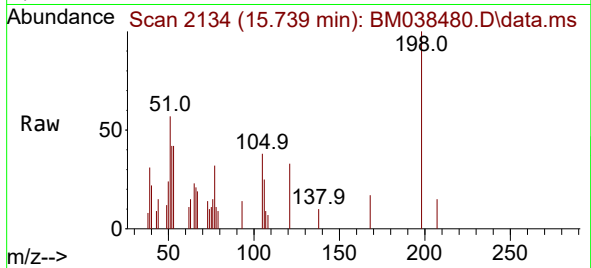




#65
4,6-Dinitro-2-methylphenol
Concen: 2.179 ng
RT: 15.739 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

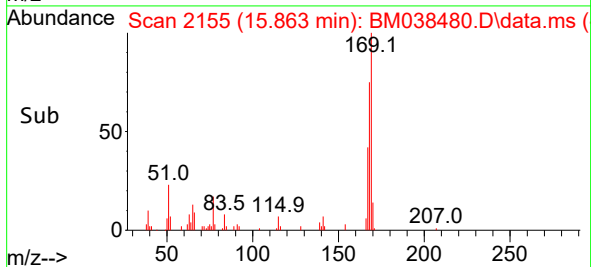
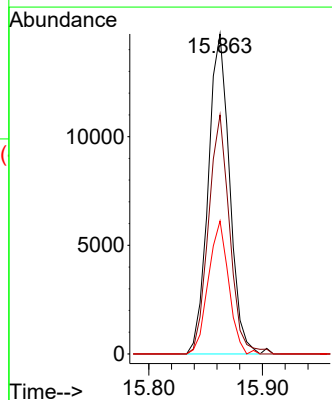
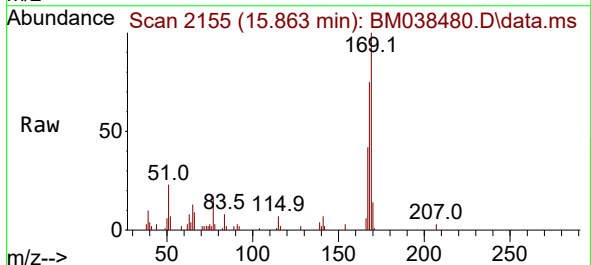
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

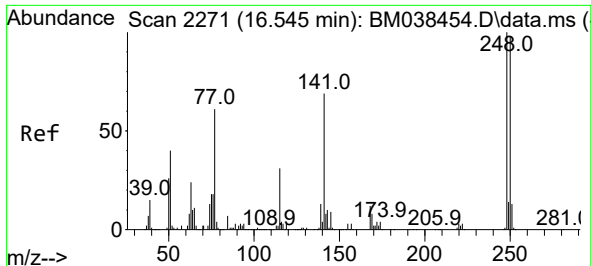
Tgt Ion:198 Resp: 3153
Ion Ratio Lower Upper
198 100
51 57.4 31.6 71.6
105 38.0 21.5 61.5



#66
n-Nitrosodiphenylamine
Concen: 3.087 ng
RT: 15.863 min Scan# 2155
Delta R.T. 0.000 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

Tgt Ion:169 Resp: 19317
Ion Ratio Lower Upper
169 100
168 74.7 56.6 85.0
167 41.5 31.1 46.7

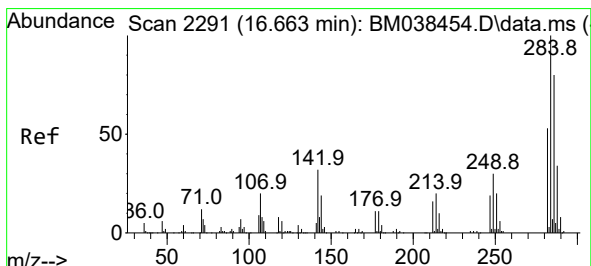
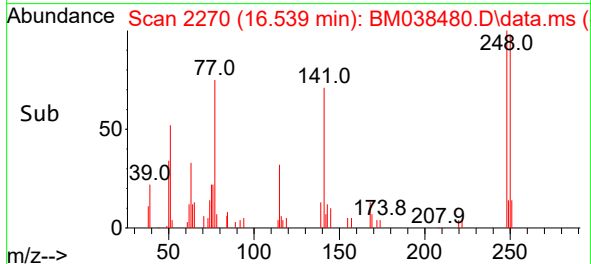
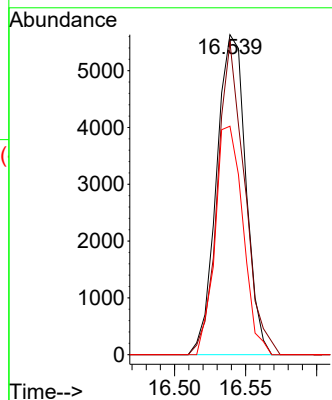
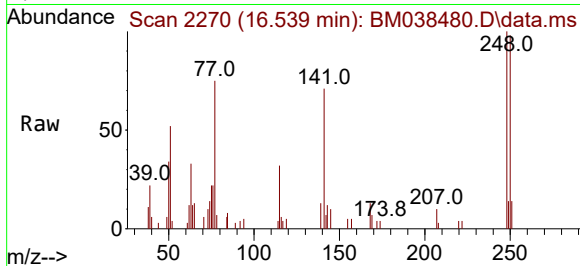




#67
4-Bromophenyl-phenylether
Concen: 3.275 ng
RT: 16.539 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

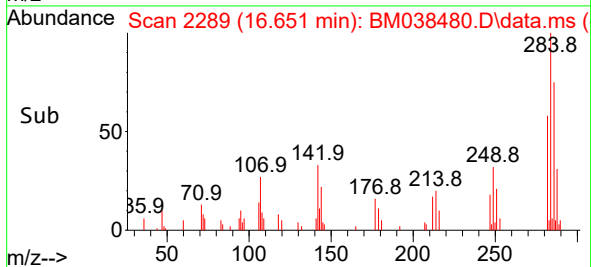
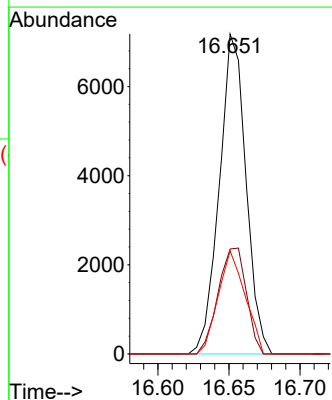
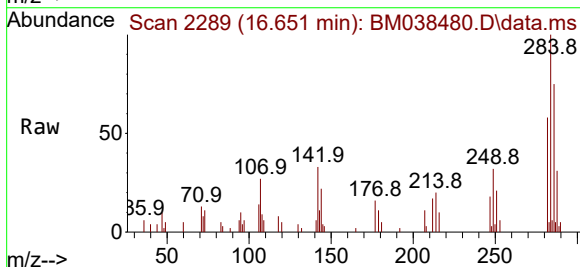
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

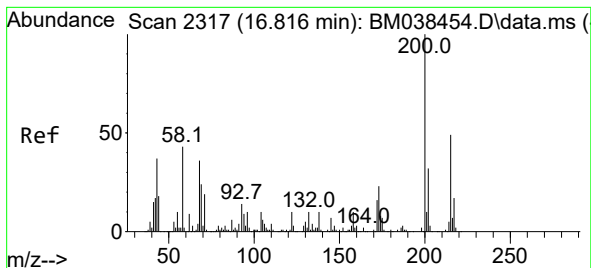
Tgt Ion:248 Resp: 8079
Ion Ratio Lower Upper
248 100
250 97.7 78.3 117.5
141 71.4 55.1 82.7



#68
Hexachlorobenzene
Concen: 3.389 ng
RT: 16.651 min Scan# 2289
Delta R.T. -0.006 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

Tgt Ion:284 Resp: 9361
Ion Ratio Lower Upper
284 100
142 32.8 26.0 39.0
249 32.2 23.8 35.8





#69

Atrazine

Concen: 3.230 ng

RT: 16.810 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM038480.D

Acq: 18 Jan 2023 15:05

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022

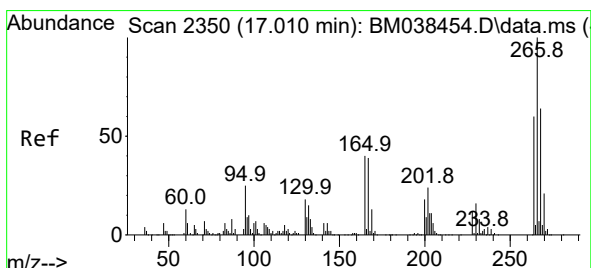
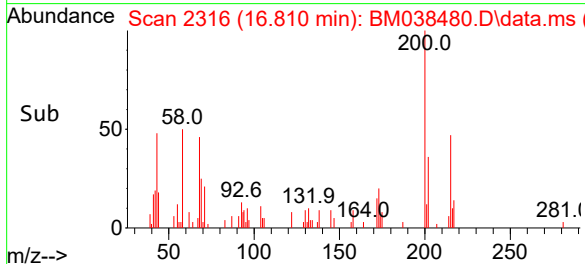
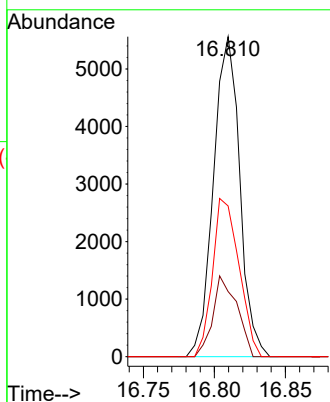
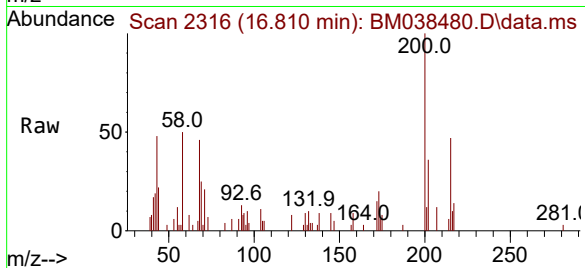
Tgt Ion:200 Resp: 7146

Ion Ratio Lower Upper

200 100

173 20.4 3.4 43.4

215 47.1 29.3 69.3



#70

Pentachlorophenol

Concen: 2.230 ng

RT: 17.004 min Scan# 2349

Delta R.T. 0.006 min

Lab File: BM038480.D

Acq: 18 Jan 2023 15:05

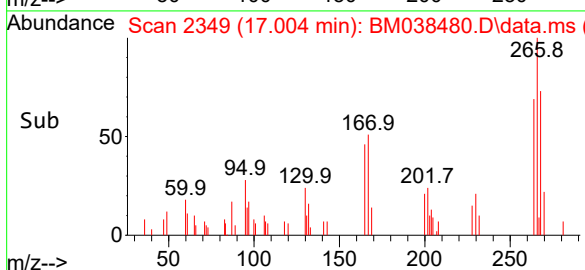
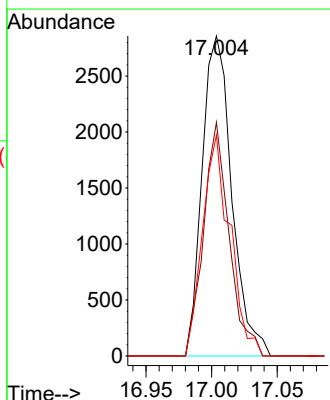
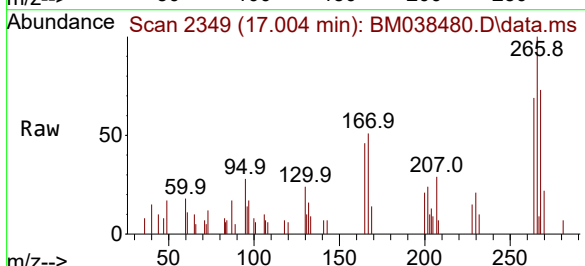
Tgt Ion:266 Resp: 4497

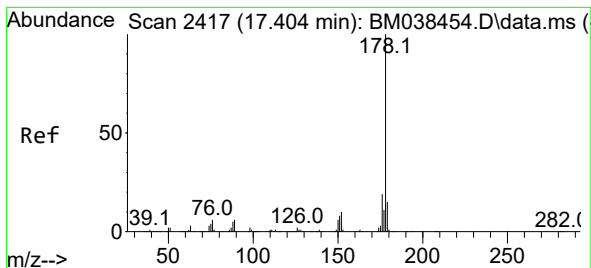
Ion Ratio Lower Upper

266 100

268 73.0 51.4 77.0

264 69.0 48.2 72.2





#71

Phenanthrene

Concen: 3.331 ng

RT: 17.392 min Scan# 2415

Delta R.T. 0.000 min

Lab File: BM038480.D

Acq: 18 Jan 2023 15:05

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022

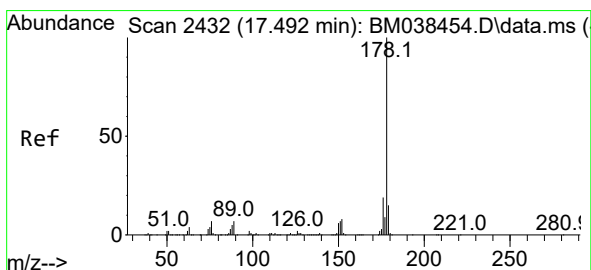
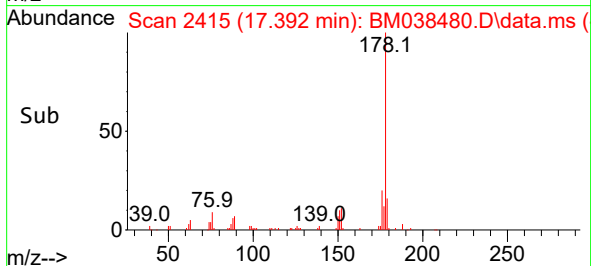
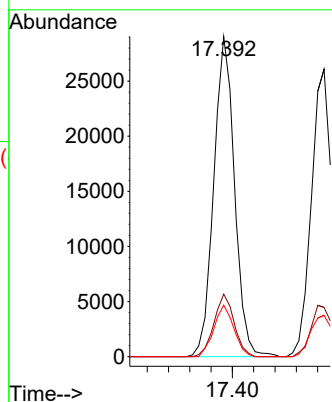
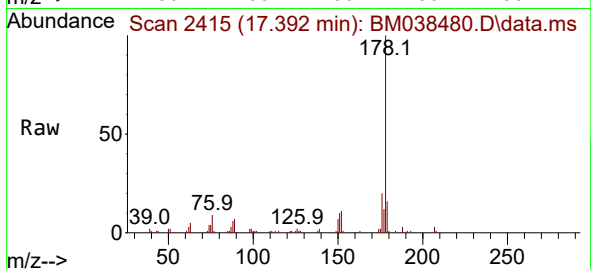
Tgt Ion:178 Resp: 39299

Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.0

179 16.1 12.1 18.1



#72

Anthracene

Concen: 3.114 ng

RT: 17.486 min Scan# 2431

Delta R.T. 0.000 min

Lab File: BM038480.D

Acq: 18 Jan 2023 15:05

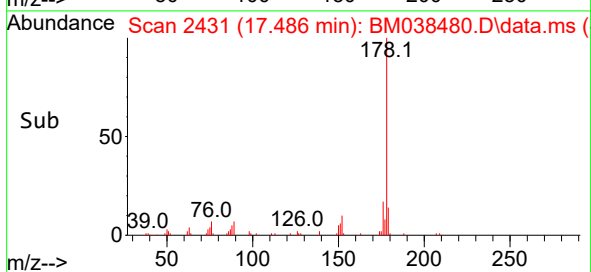
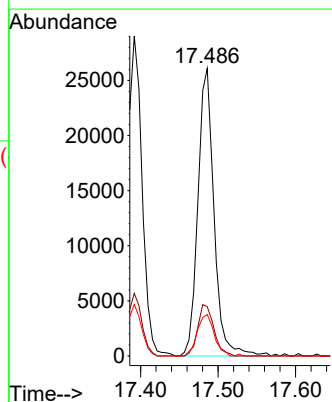
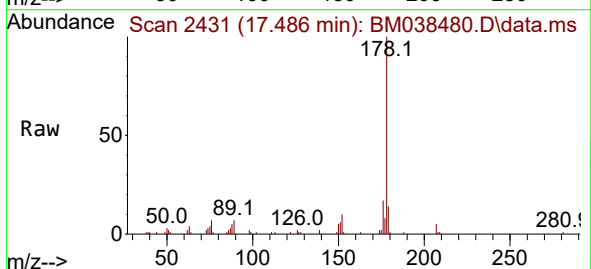
Tgt Ion:178 Resp: 37751

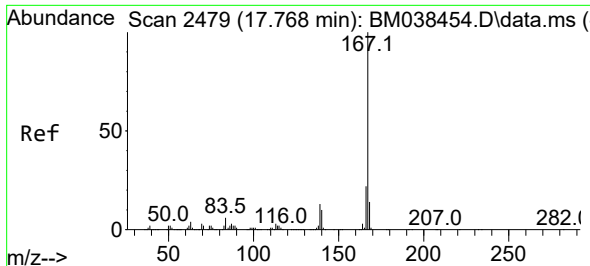
Ion Ratio Lower Upper

178 100

176 17.1 15.0 22.6

179 14.4 12.2 18.2

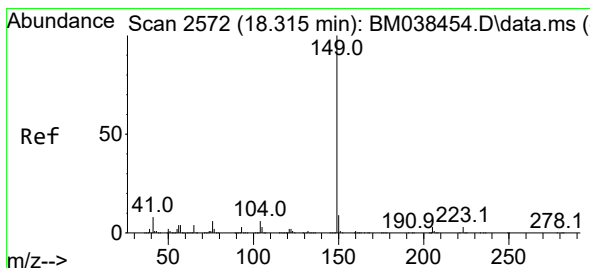
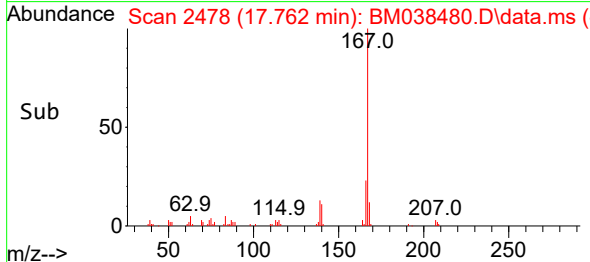
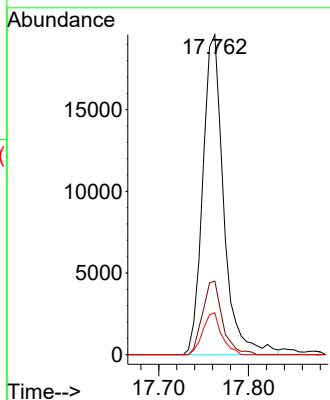
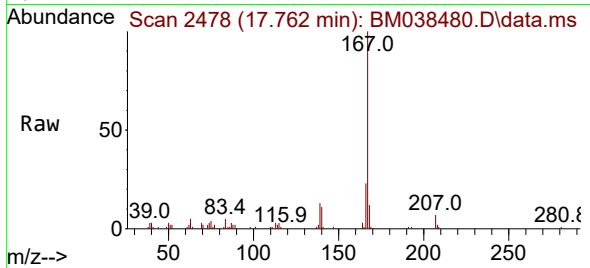




#73
 Carbazole
 Concen: 2.995 ng
 RT: 17.762 min Scan# 2479
 Delta R.T. 0.006 min
 Lab File: BM038480.D
 Acq: 18 Jan 2023 15:05

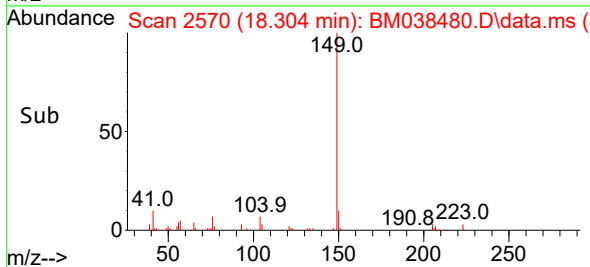
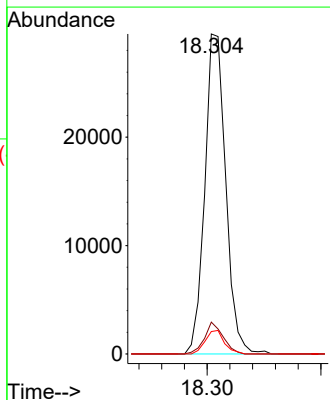
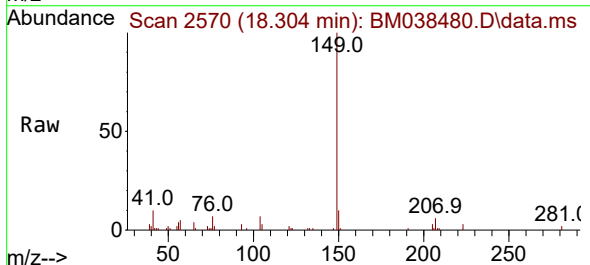
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2022

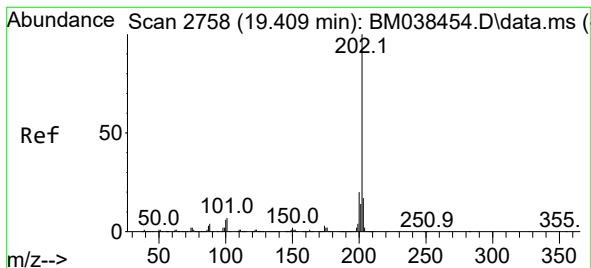
Tgt Ion:167 Resp: 31758
 Ion Ratio Lower Upper
 167 100
 166 23.0 17.4 26.0
 139 13.1 10.1 15.1



#74
 Di-n-butylphthalate
 Concen: 3.000 ng
 RT: 18.304 min Scan# 2570
 Delta R.T. -0.006 min
 Lab File: BM038480.D
 Acq: 18 Jan 2023 15:05

Tgt Ion:149 Resp: 37772
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.4 11.2
 104 7.0 4.7 7.1





#75

Fluoranthene

Concen: 2.977 ng

RT: 19.404 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM038480.D

Acq: 18 Jan 2023 15:05

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022

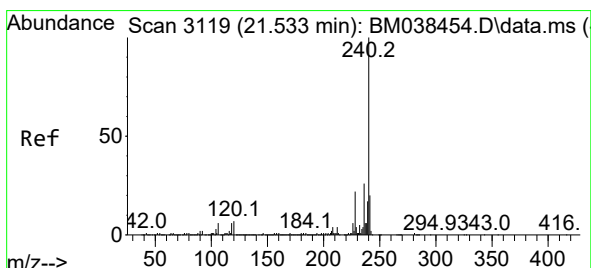
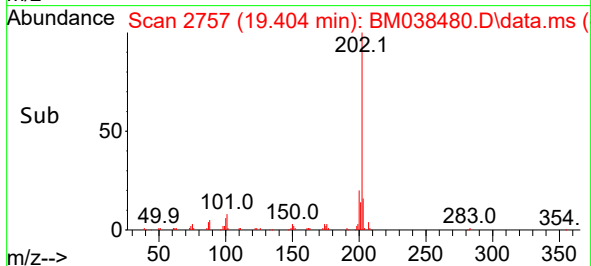
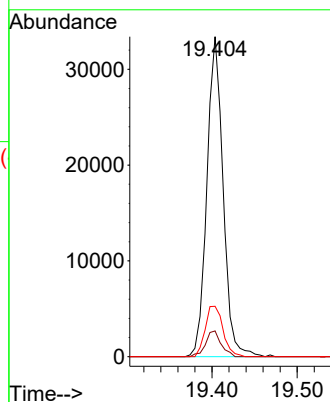
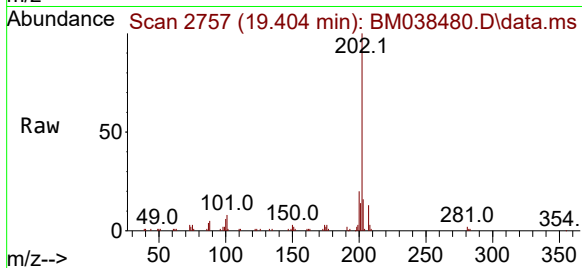
Tgt Ion:202 Resp: 44147

Ion Ratio Lower Upper

202 100

101 9.5 0.0 27.4

203 15.8 0.0 37.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.521 min Scan# 3117

Delta R.T. -0.006 min

Lab File: BM038480.D

Acq: 18 Jan 2023 15:05

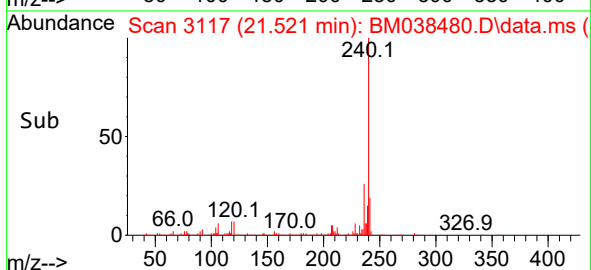
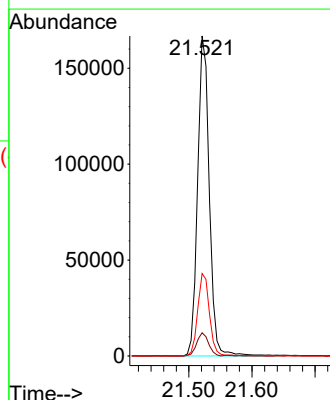
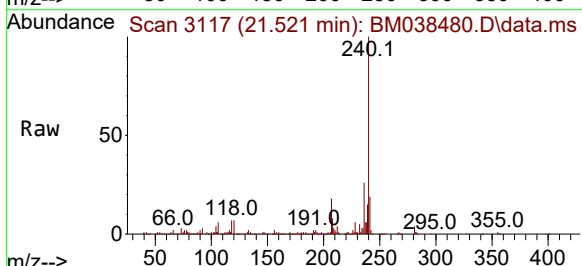
Tgt Ion:240 Resp: 213431

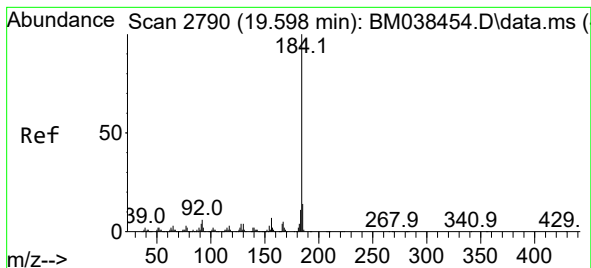
Ion Ratio Lower Upper

240 100

120 7.2 5.6 8.4

236 25.8 21.0 31.4





#77

Benzidine

Concen: 3.015 ng

RT: 19.592 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM038480.D

Acq: 18 Jan 2023 15:05

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022

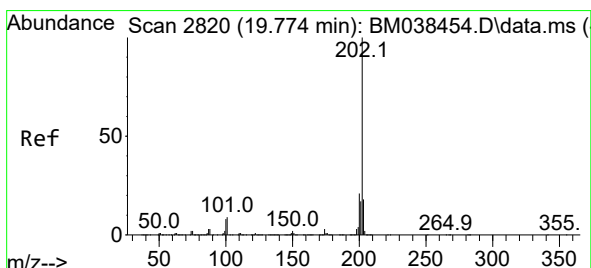
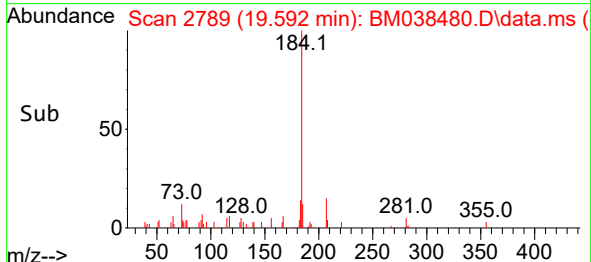
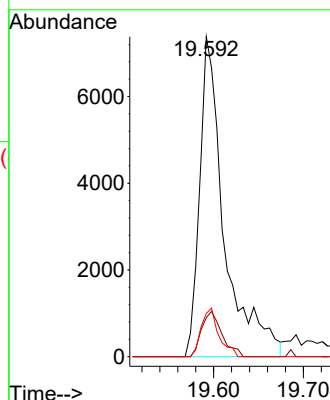
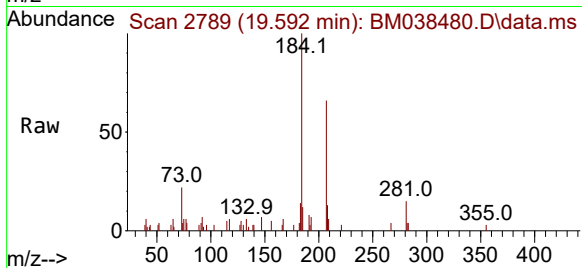
Tgt Ion:184 Resp: 14099

Ion Ratio Lower Upper

184 100

185 12.2 11.1 16.7

183 13.5 8.6 13.0#



#78

Pyrene

Concen: 3.253 ng

RT: 19.762 min Scan# 2818

Delta R.T. -0.006 min

Lab File: BM038480.D

Acq: 18 Jan 2023 15:05

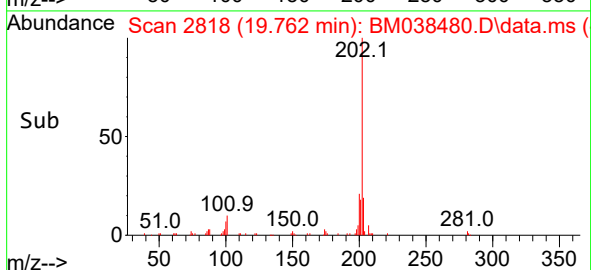
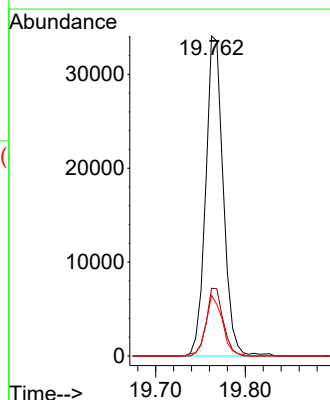
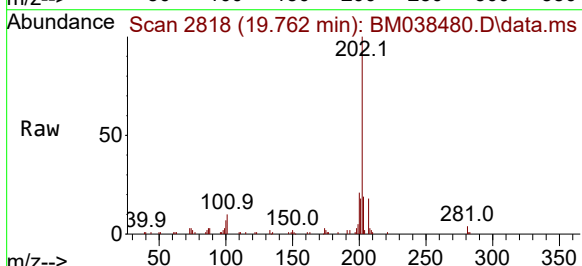
Tgt Ion:202 Resp: 46210

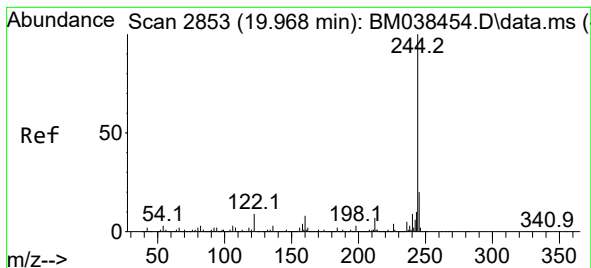
Ion Ratio Lower Upper

202 100

200 21.1 16.9 25.3

203 18.9 14.2 21.2





#79

Terphenyl-d14

Concen: 85.550 ng

RT: 19.962 min Scan# 2

Delta R.T. 0.000 min

Lab File: BM038480.D

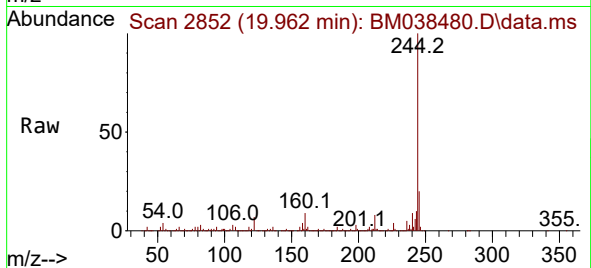
Acq: 18 Jan 2023 15:05

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022



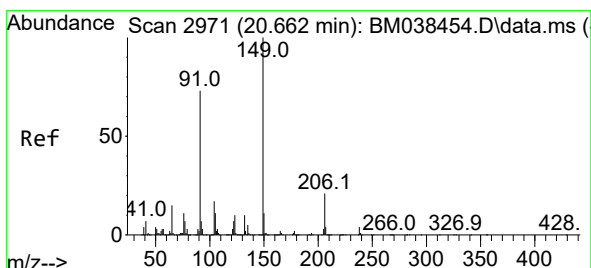
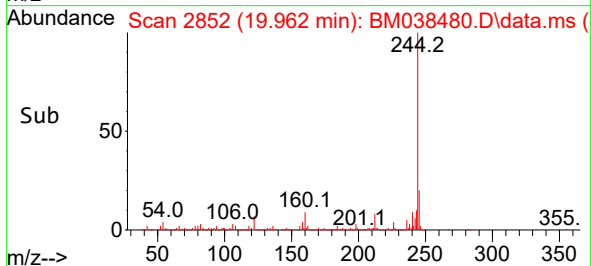
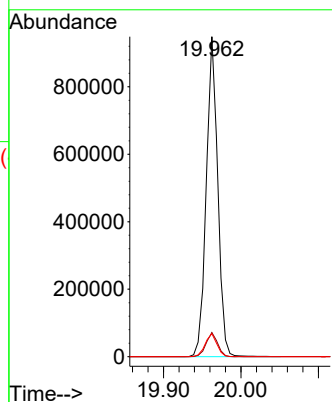
Tgt Ion:244 Resp: 975358

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

122 7.2 7.1 10.7



#80

Butylbenzylphthalate

Concen: 3.211 ng

RT: 20.651 min Scan# 2969

Delta R.T. -0.006 min

Lab File: BM038480.D

Acq: 18 Jan 2023 15:05

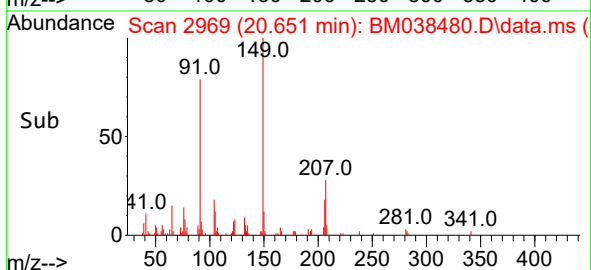
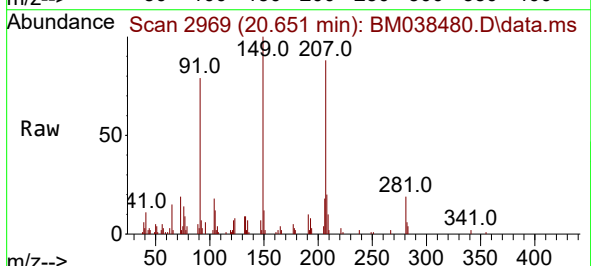
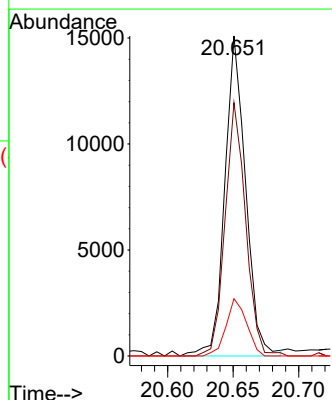
Tgt Ion:149 Resp: 16670

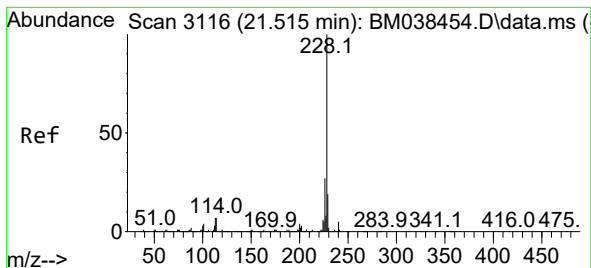
Ion Ratio Lower Upper

149 100

91 79.2 58.3 87.5

206 17.9 16.7 25.1





#81

Benzo(a)anthracene

Concen: 3.277 ng

RT: 21.509 min Scan# 3115

Delta R.T. 0.000 min

Lab File: BM038480.D

Acq: 18 Jan 2023 15:05

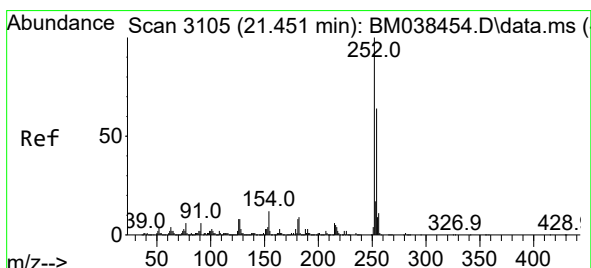
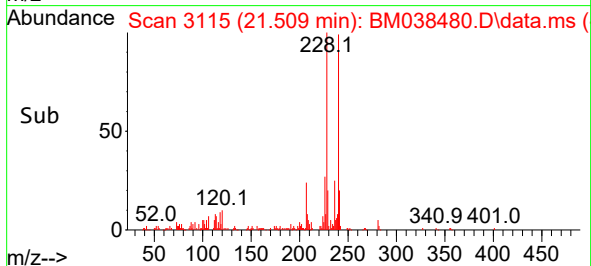
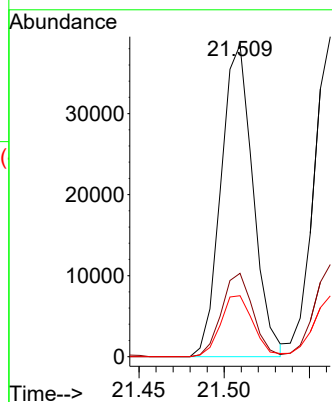
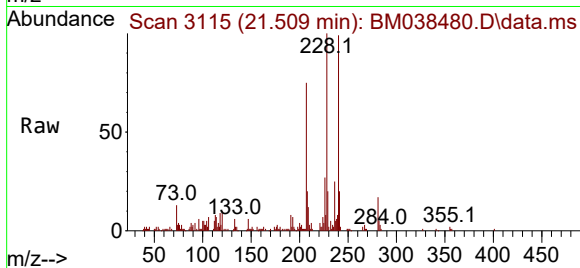
Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022

Tgt Ion:	228	Resp:	50310
Ion Ratio	Lower	Upper	
228	100		
226	26.7	22.0	33.0
229	19.5	15.4	23.0



#82

3,3'-Dichlorobenzidine

Concen: 3.477 ng

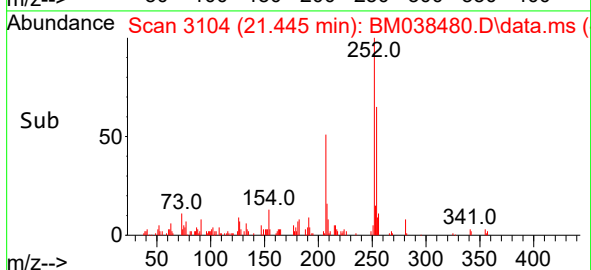
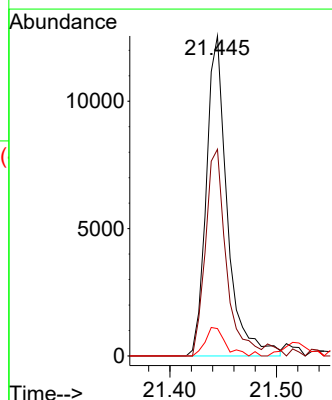
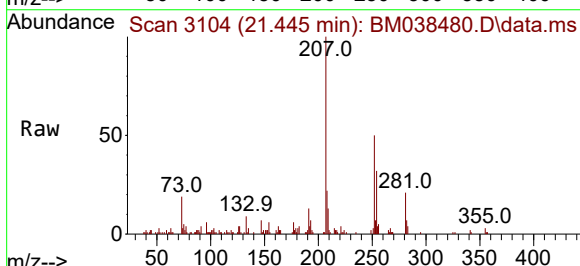
RT: 21.445 min Scan# 3104

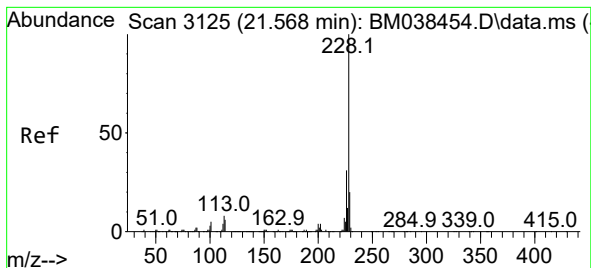
Delta R.T. 0.000 min

Lab File: BM038480.D

Acq: 18 Jan 2023 15:05

Tgt Ion:	252	Resp:	17185
Ion Ratio	Lower	Upper	
252	100		
254	64.6	51.2	76.8
126	8.5	6.3	9.5





#83

Chrysene

Concen: 3.442 ng

RT: 21.562 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM038480.D

Acq: 18 Jan 2023 15:05

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022

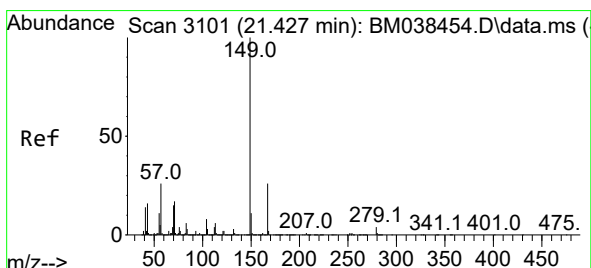
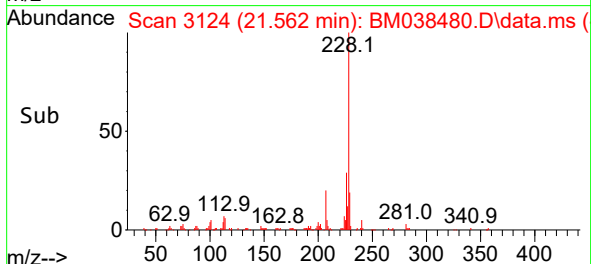
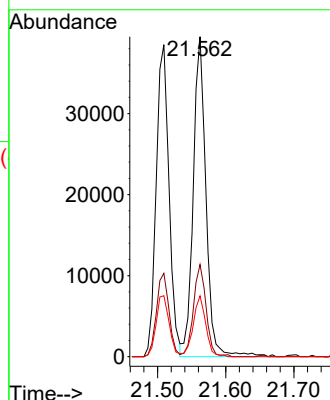
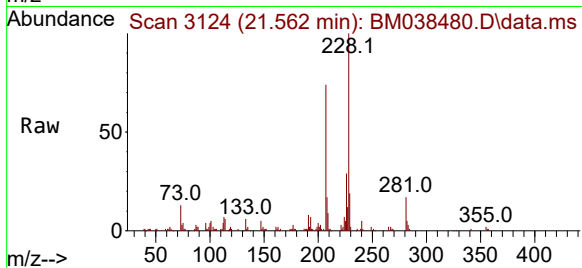
Tgt Ion:228 Resp: 51339

Ion Ratio Lower Upper

228 100

226 28.8 24.6 36.8

229 19.0 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.067 ng

RT: 21.421 min Scan# 3100

Delta R.T. 0.000 min

Lab File: BM038480.D

Acq: 18 Jan 2023 15:05

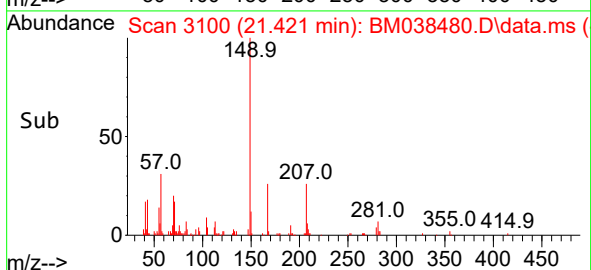
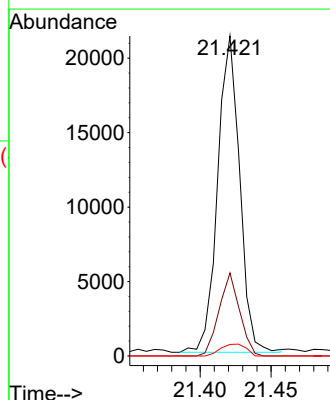
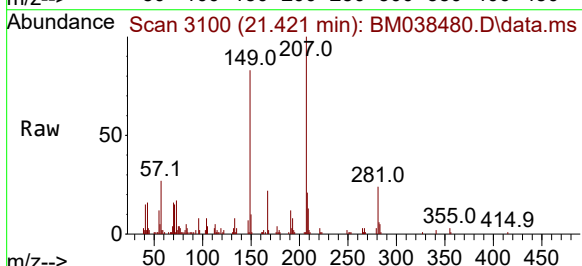
Tgt Ion:149 Resp: 22889

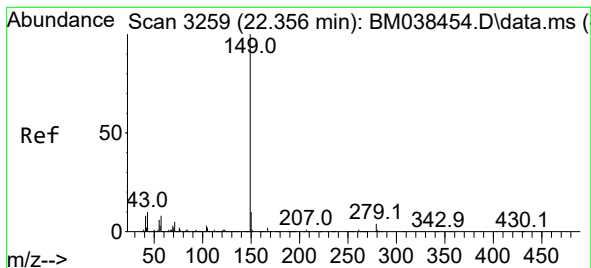
Ion Ratio Lower Upper

149 100

167 25.9 21.0 31.4

279 3.6 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 3.149 ng

RT: 22.345 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM038480.D

Acq: 18 Jan 2023 15:05

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022

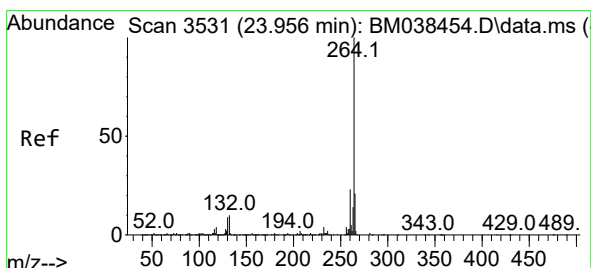
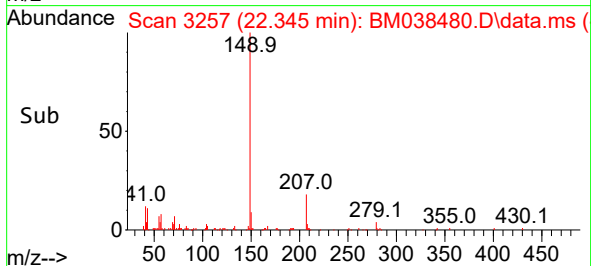
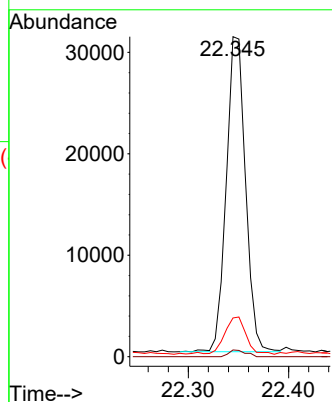
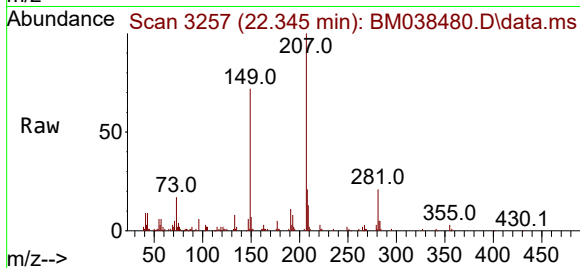
Tgt Ion:149 Resp: 41348

Ion Ratio Lower Upper

149 100

167 1.9 1.3 1.9

43 13.4 8.4 12.6#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.939 min Scan# 3528

Delta R.T. 0.000 min

Lab File: BM038480.D

Acq: 18 Jan 2023 15:05

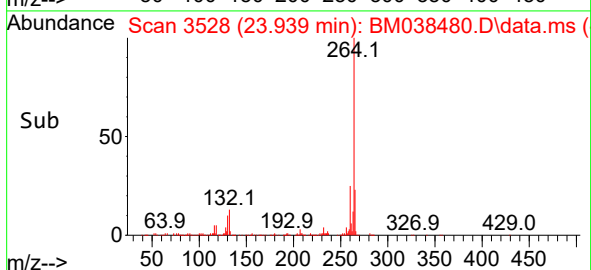
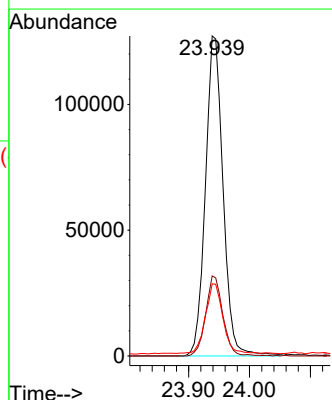
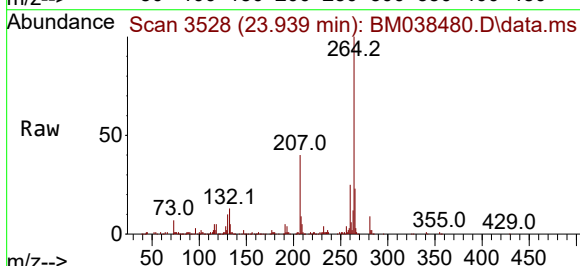
Tgt Ion:264 Resp: 256301

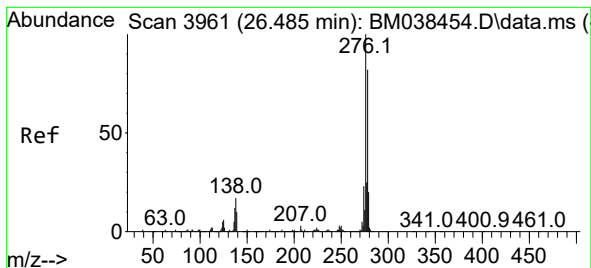
Ion Ratio Lower Upper

264 100

260 25.0 18.2 27.4

265 22.6 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.196 ng

RT: 26.462 min Scan# 3957

Delta R.T. -0.006 min

Lab File: BM038480.D

Acq: 18 Jan 2023 15:05

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022

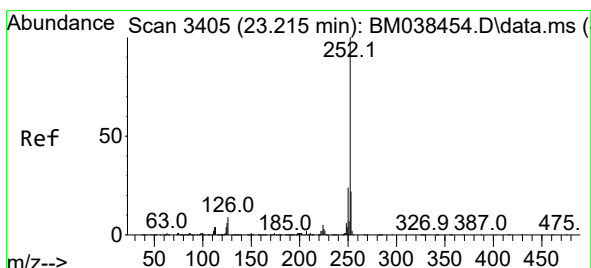
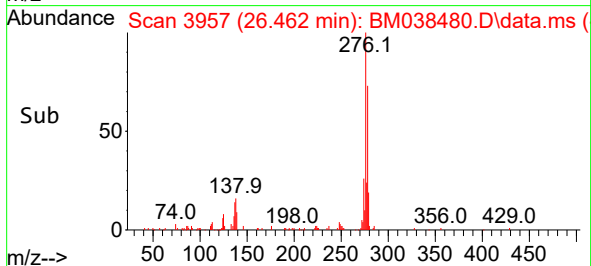
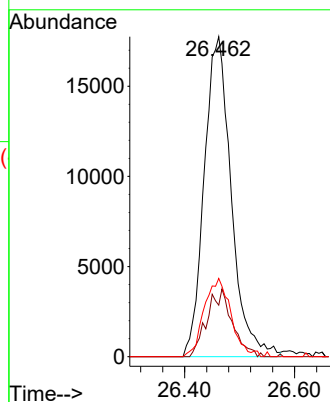
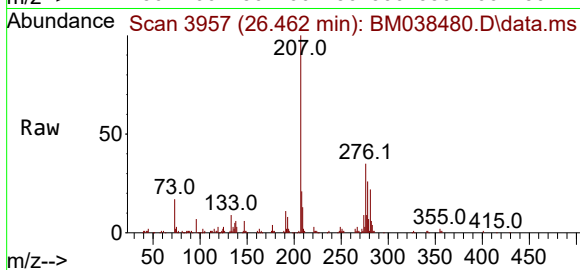
Tgt Ion:276 Resp: 60628

Ion Ratio Lower Upper

276 100

138 19.7 13.4 20.2

277 24.3 19.8 29.8



#88

Benzo(b)fluoranthene

Concen: 3.391 ng

RT: 23.203 min Scan# 3403

Delta R.T. 0.000 min

Lab File: BM038480.D

Acq: 18 Jan 2023 15:05

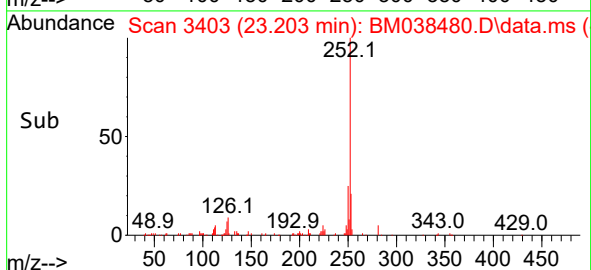
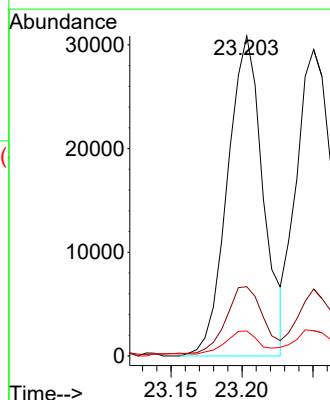
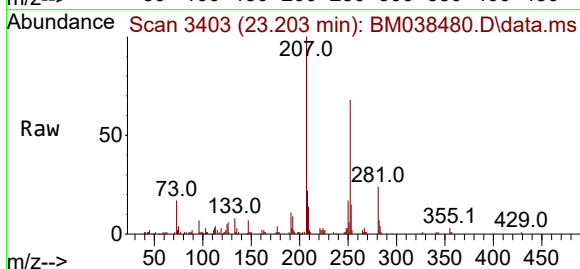
Tgt Ion:252 Resp: 53885

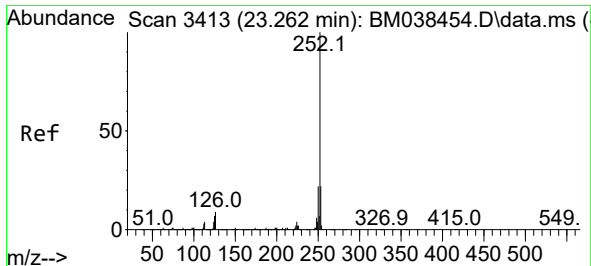
Ion Ratio Lower Upper

252 100

253 21.6 17.8 26.6

125 7.8 5.1 7.7#

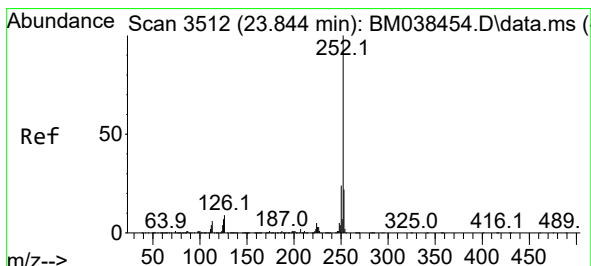
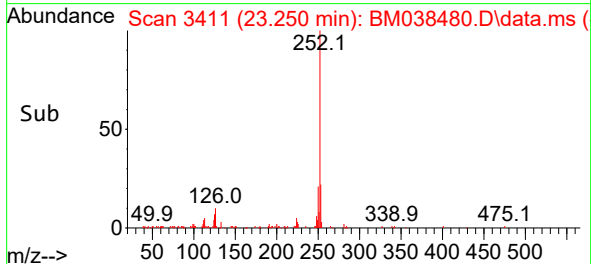
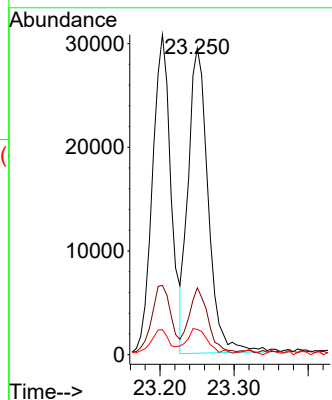
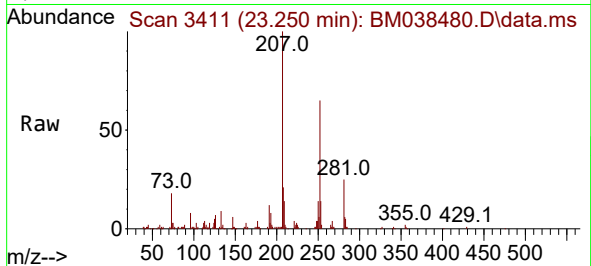




#89
Benzo(k)fluoranthene
Concen: 3.357 ng
RT: 23.250 min Scan# 3413
Delta R.T. -0.006 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

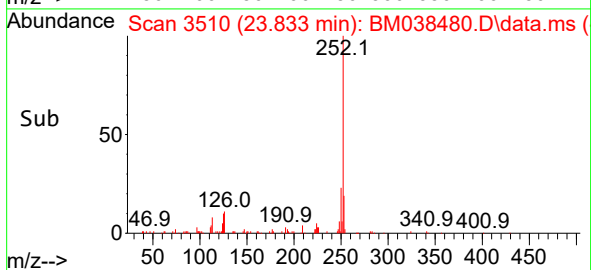
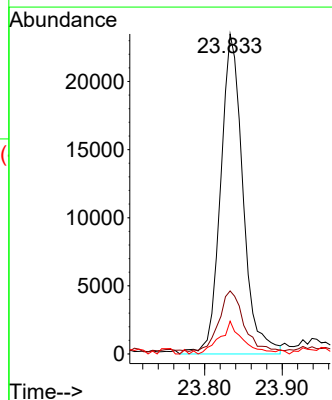
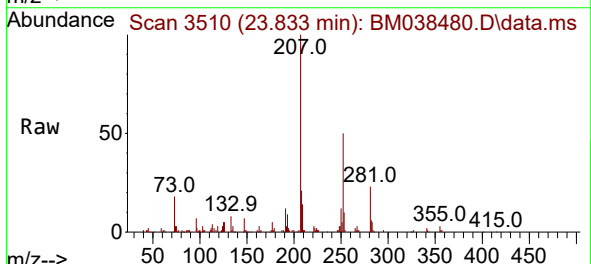
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

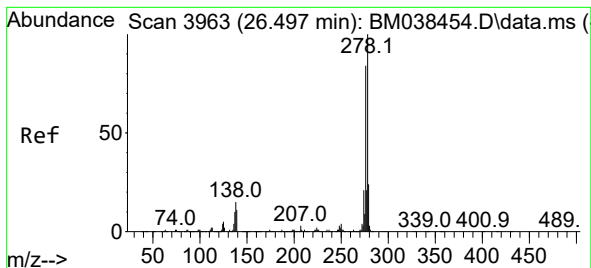
Tgt Ion:252 Resp: 55163
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 8.3 5.5 8.3



#90
Benzo(a)pyrene
Concen: 3.026 ng
RT: 23.833 min Scan# 3510
Delta R.T. -0.006 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

Tgt Ion:252 Resp: 47188
Ion Ratio Lower Upper
252 100
253 19.7 17.6 26.4
125 10.2 5.8 8.8#





#91

Dibenzo(a,h)anthracene

Concen: 3.286 ng

RT: 26.474 min Scan# 3963

Delta R.T. -0.006 min

Lab File: BM038480.D

Acq: 18 Jan 2023 15:05

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022

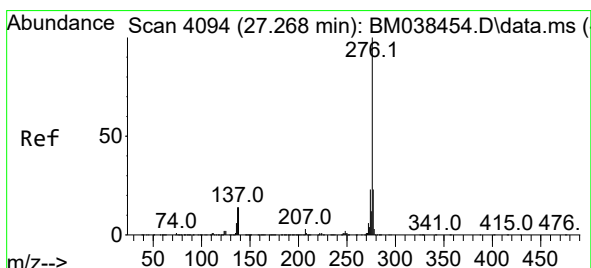
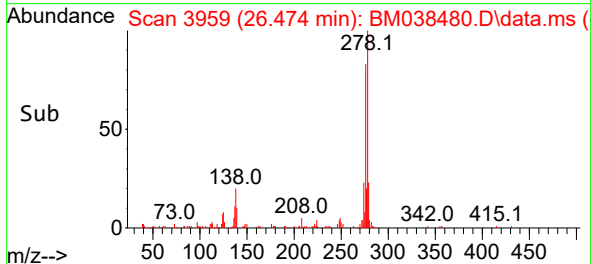
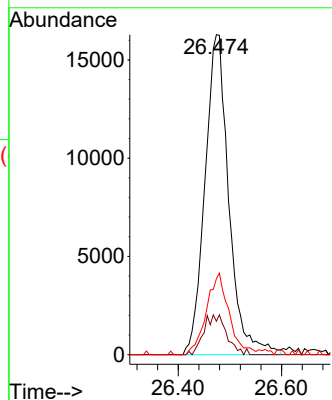
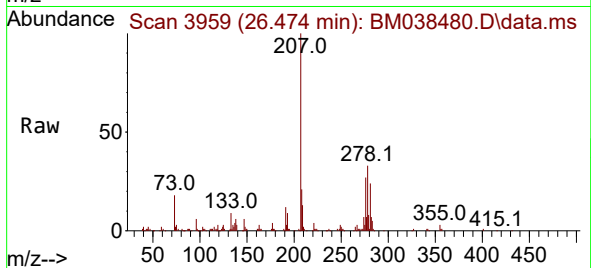
Tgt Ion:278 Resp: 52302

Ion Ratio Lower Upper

278 100

139 10.5 8.4 12.6

279 23.7 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 3.535 ng

RT: 27.238 min Scan# 4089

Delta R.T. -0.012 min

Lab File: BM038480.D

Acq: 18 Jan 2023 15:05

Tgt Ion:276 Resp: 55823

Ion Ratio Lower Upper

276 100

277 24.5 18.6 27.8

138 13.5 11.3 16.9

