

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021224\
 Data File : BM044061.D
 Acq On : 12 Feb 2024 17:43
 Operator : MA/JU
 Sample : 04699-09
 Misc : MDL-MDL-WATER-8PPM
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT4-2023

Quant Time: Feb 13 00:47:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 09 02:42:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	555143	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	2393558	20.000	ng	0.00
39) Acenaphthene-d10	14.551	164	1438998	20.000	ng	0.00
64) Phenanthrene-d10	17.298	188	2952447	20.000	ng	0.00
76) Chrysene-d12	21.503	240	2428483	20.000	ng	0.00
86) Perylene-d12	23.897	264	2442312	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	3134005	82.109	ng	0.00
7) Phenol-d6	7.075	99	4133352	85.111	ng	0.00
23) Nitrobenzene-d5	9.075	82	2791821	61.893	ng	0.00
42) 2,4,6-Tribromophenol	16.039	330	1355589	87.006	ng	0.00
45) 2-Fluorobiphenyl	13.174	172	6104663	59.873	ng	0.00
79) Terphenyl-d14	19.944	244	8320376	60.062	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.387	88	97069	6.408	ng	96
3) Pyridine	3.787	79	221380	5.536	ng	98
4) n-Nitrosodimethylamine	3.710	42	93149	6.139	ng	# 96
6) Aniline	7.239	93	350115	7.332	ng	98
8) 2-Chlorophenol	7.463	128	243196	6.101	ng	98
9) Benzaldehyde	7.051	77	223230	8.945	ng	96
10) Phenol	7.098	94	305875	6.241	ng	97
11) bis(2-Chloroethyl)ether	7.339	93	252430	6.219	ng	99
12) 1,3-Dichlorobenzene	7.792	146	268978	5.944	ng	97
13) 1,4-Dichlorobenzene	7.939	146	273897	6.004	ng	98
14) 1,2-Dichlorobenzene	8.251	146	261457	6.015	ng	99
15) Benzyl Alcohol	8.151	79	203782	6.445	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.445	45	338626	6.581	ng	99
17) 2-Methylphenol	8.351	107	195486	6.076	ng	98
18) Hexachloroethane	8.975	117	98844	5.787	ng	98
19) n-Nitroso-di-n-propyla...	8.722	70	195836	6.567	ng	100
20) 3+4-Methylphenols	8.675	107	264184	5.966	ng	99
22) Acetophenone	8.733	105	393901	6.483	ng	# 98
24) Nitrobenzene	9.116	77	291128	6.303	ng	99
25) Isophorone	9.639	82	528546	6.085	ng	99
26) 2-Nitrophenol	9.822	139	112770	5.266	ng	94
27) 2,4-Dimethylphenol	9.886	122	187976	6.865	ng	98
28) bis(2-Chloroethoxy)met...	10.133	93	349857	6.228	ng	99
29) 2,4-Dichlorophenol	10.351	162	209357	5.807	ng	94
30) 1,2,4-Trichlorobenzene	10.569	180	237978	5.870	ng	99
31) Naphthalene	10.757	128	803251	6.080	ng	100
32) Benzoic acid	9.957	122	95241	3.453	ng	98
33) 4-Chloroaniline	10.874	127	324401	6.485	ng	98
34) Hexachlorobutadiene	11.033	225	131461	5.665	ng	95
35) Caprolactam	11.651	113	63987	5.515	ng	100
36) 4-Chloro-3-methylphenol	11.992	107	231416	5.928	ng	98
37) 2-Methylnaphthalene	12.368	142	535837	6.089	ng	97
38) 1-Methylnaphthalene	12.586	142	521730	6.034	ng	99
40) 1,2,4,5-Tetrachloroben...	12.733	216	253266	6.055	ng	99
41) Hexachlorocyclopentadiene	12.704	237	119330	6.537	ng	99
43) 2,4,6-Trichlorophenol	12.980	196	153093	5.378	ng	98

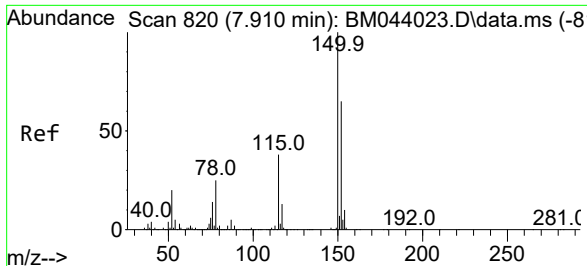
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 QLast Update : Fri Feb 09 02:42:01 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.045	196	173616	5.558	ng	97
46) 1,1'-Biphenyl	13.386	154	724541	6.381	ng	99
47) 2-Chloronaphthalene	13.421	162	535415	5.953	ng	99
48) 2-Nitroaniline	13.633	65	147213	5.818	ng	89
49) Acenaphthylene	14.268	152	887756	6.616	ng	99
50) Dimethylphthalate	14.015	163	671195	6.291	ng	100
51) 2,6-Dinitrotoluene	14.139	165	131060	5.568	ng	95
52) Acenaphthene	14.610	154	503731	6.065	ng	99
53) 3-Nitroaniline	14.462	138	144901	5.728	ng	94
54) 2,4-Dinitrophenol	14.668	184	47912	8.742	ng	96
55) Dibenzofuran	14.945	168	836358	6.506	ng	99
56) 4-Nitrophenol	14.762	139	102139	4.967	ng	96
57) 2,4-Dinitrotoluene	14.921	165	166364	5.407	ng	96
58) Fluorene	15.598	166	653112	6.575	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.168	232	151236	6.170	ng	99
60) Diethylphthalate	15.380	149	668933	6.067	ng	98
61) 4-Chlorophenyl-phenyle...	15.598	204	312069	6.484	ng	99
62) 4-Nitroaniline	15.627	138	137602	5.404	ng	98
63) Azobenzene	15.892	77	650907	6.292	ng	98
65) 4,6-Dinitro-2-methylph...	15.680	198	74221	4.219	ng	99
66) n-Nitrosodiphenylamine	15.815	169	551103	6.144	ng	100
67) 4-Bromophenyl-phenylether	16.498	248	154812	5.303	ng	98
68) Hexachlorobenzene	16.592	284	208919	5.843	ng	97
69) Atrazine	16.774	200	180201	7.419	ng	99
70) Pentachlorophenol	16.939	266	107930	4.640	ng	99
71) Phenanthrene	17.345	178	1002113	6.428	ng	99
72) Anthracene	17.433	178	970372	6.287	ng	99
73) Carbazole	17.709	167	910323	6.065	ng	99
74) Di-n-butylphthalate	18.286	149	1095463	5.615	ng	99
75) Fluoranthene	19.362	202	1061743	6.063	ng	99
77) Benzidine	19.562	184	370374	9.814	ng	99
78) Pyrene	19.727	202	1119451	5.985	ng	100
80) Butylbenzylphthalate	20.650	149	423927	5.099	ng	98
81) Benzo(a)anthracene	21.486	228	1035132	6.128	ng	99
82) 3,3'-Dichlorobenzidine	21.427	252	324721	5.859	ng	97
83) Chrysene	21.538	228	957688	6.001	ng	100
84) Bis(2-ethylhexyl)phtha...	21.433	149	656700	5.354	ng	100
85) Di-n-octyl phthalate	22.374	149	998263	4.660	ng	98
87) Indeno(1,2,3-cd)pyrene	26.373	276	906474	5.244	ng	100
88) Benzo(b)fluoranthene	23.168	252	927868	6.078	ng	99
89) Benzo(k)fluoranthene	23.215	252	872548	6.015	ng	99
90) Benzo(a)pyrene	23.785	252	750329	5.627	ng	99
91) Dibenzo(a,h)anthracene	26.403	278	765875	5.297	ng	98
92) Benzo(g,h,i)perylene	27.132	276	728979	4.971	ng	99

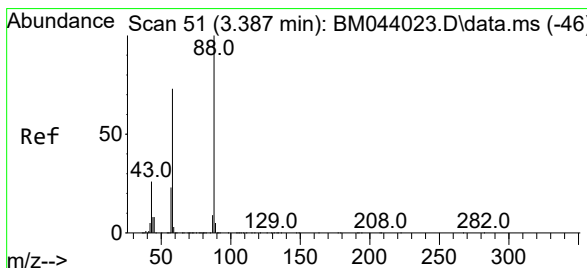
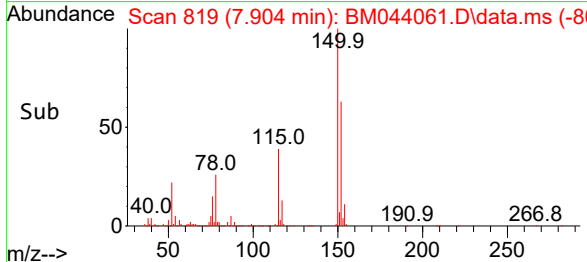
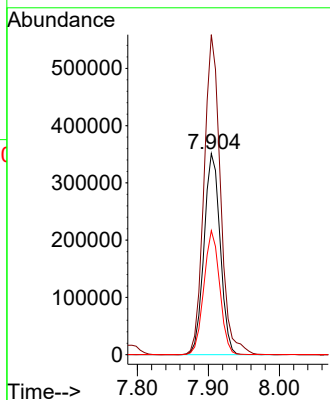
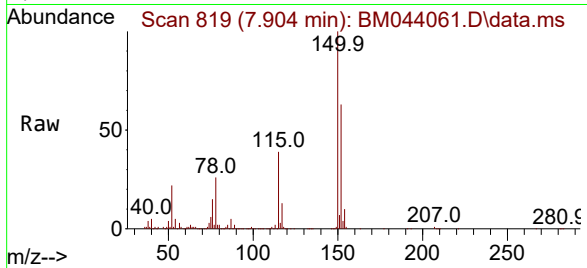
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.904 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BM044061.D
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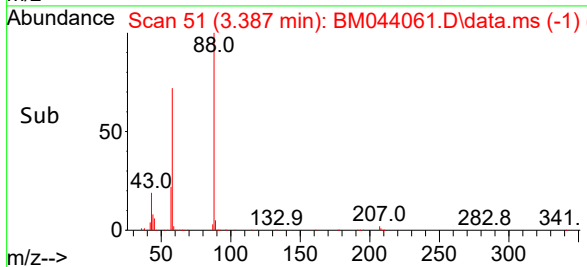
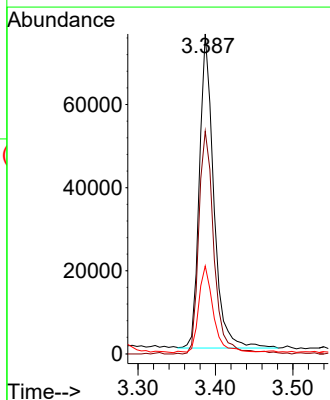
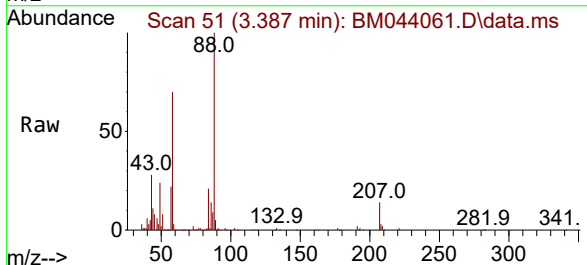
Instrument :
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 ClientSampleId :
 MDL-WATER-03-QT4-2023

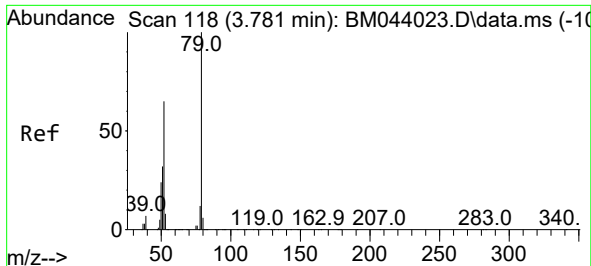
Tgt Ion:152 Resp: 555143
 Ion Ratio Lower Upper
 152 100
 150 159.1 122.7 184.1
 115 61.7 47.0 70.6



#2
 1,4-Dioxane
 Concen: 6.408 ng
 RT: 3.387 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: BM044061.D
 Acq: 12 Feb 2024 17:43

Tgt Ion: 88 Resp: 97069
 Ion Ratio Lower Upper
 88 100
 58 75.5 58.1 87.1
 43 28.5 21.1 31.7

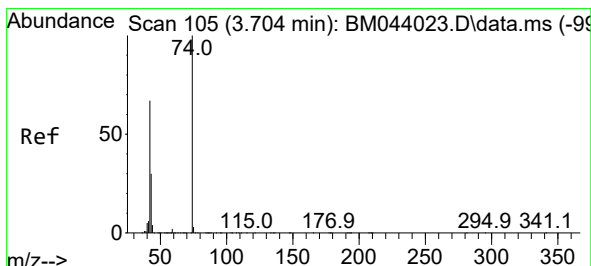
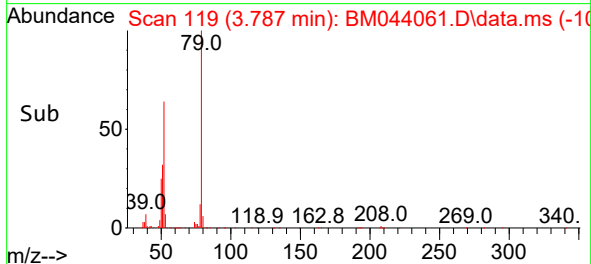
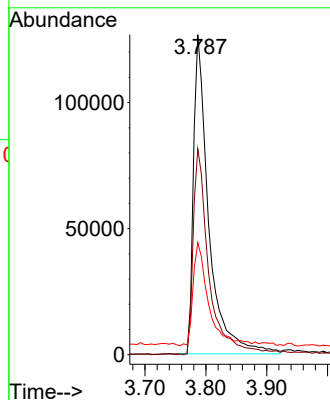
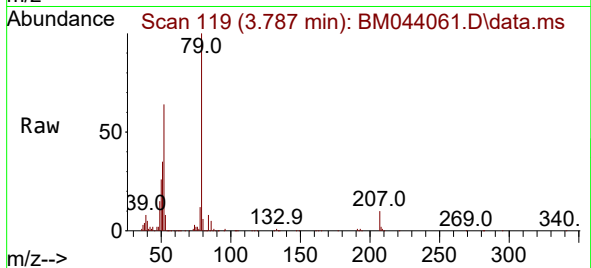




#3
Pyridine
Concen: 5.536 ng
RT: 3.787 min Scan# 118
Delta R.T. 0.006 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

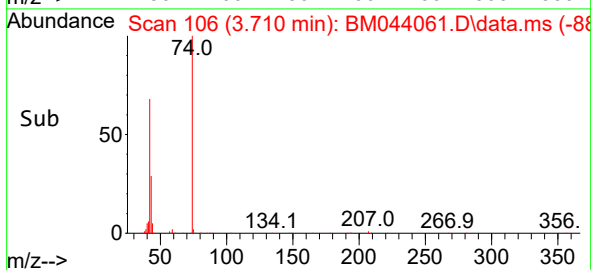
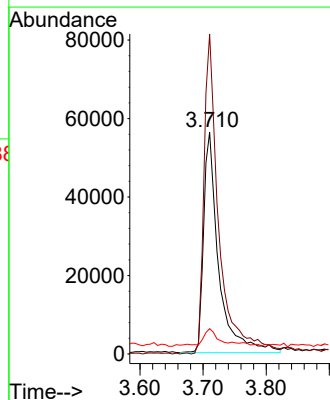
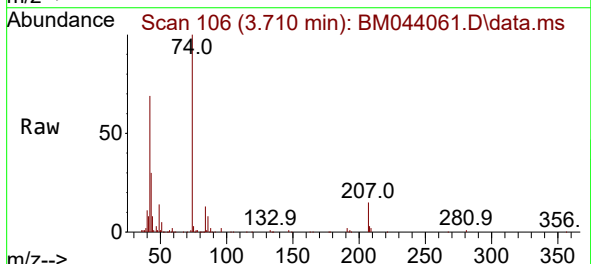
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2023

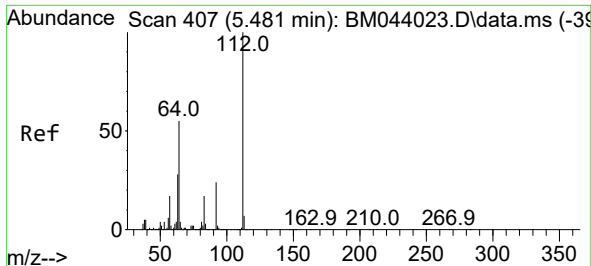
Tgt Ion: 79 Resp: 221380
Ion Ratio Lower Upper
79 100
52 64.4 52.2 78.2
51 35.0 26.2 39.4



#4
n-Nitrosodimethylamine
Concen: 6.139 ng
RT: 3.710 min Scan# 106
Delta R.T. 0.006 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

Tgt Ion: 42 Resp: 93149
Ion Ratio Lower Upper
42 100
74 144.3 118.6 178.0
44 11.4 5.6 8.4

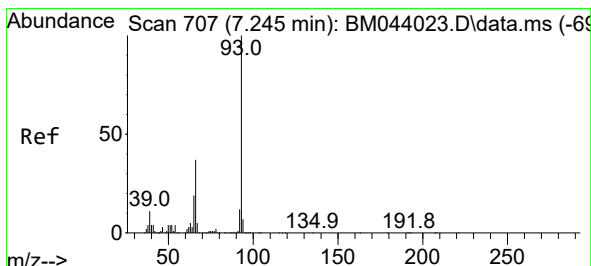
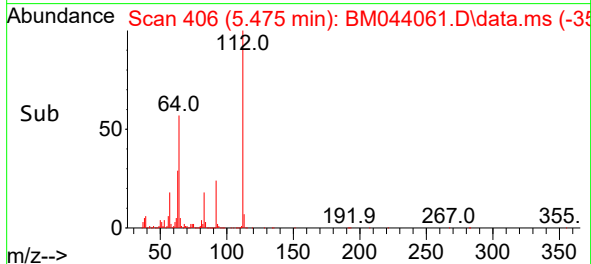
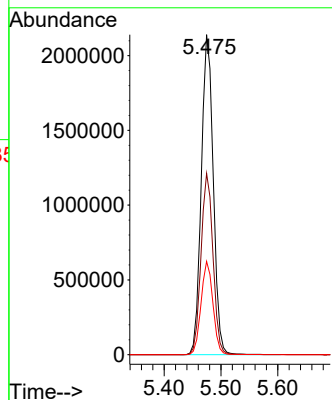
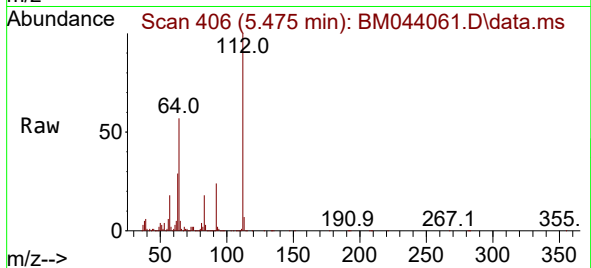




#5
2-Fluorophenol
Concen: 82.109 ng
RT: 5.475 min Scan# 407
Delta R.T. -0.006 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

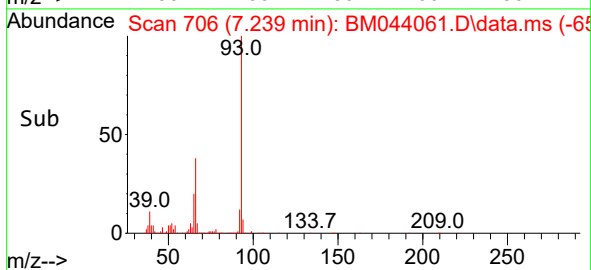
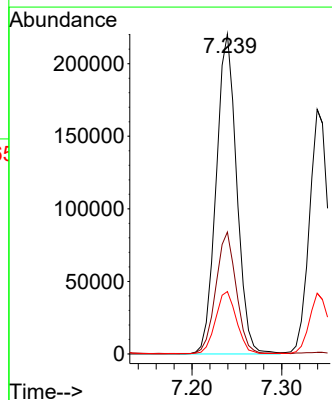
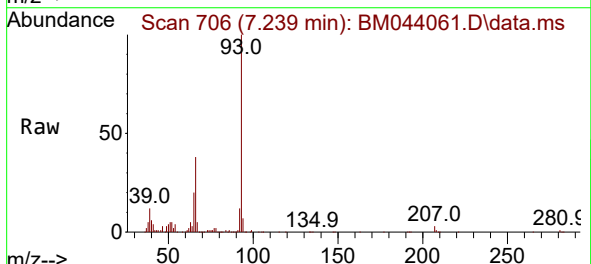
Instrument :
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ClientSampleId :
MDL-WATER-03-QT4-2023

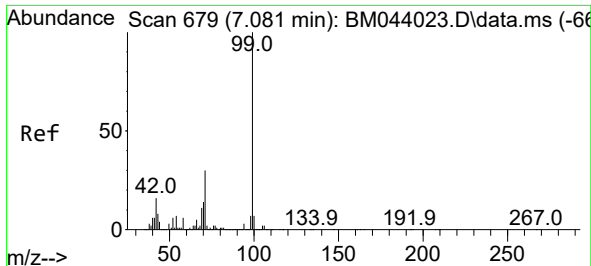
Tgt Ion:112 Resp: 3134005
Ion Ratio Lower Upper
112 100
64 56.7 44.2 66.4
63 29.2 22.6 34.0



#6
Aniline
Concen: 7.332 ng
RT: 7.239 min Scan# 706
Delta R.T. -0.006 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

Tgt Ion: 93 Resp: 350115
Ion Ratio Lower Upper
93 100
66 38.1 29.4 44.0
65 19.5 15.2 22.8

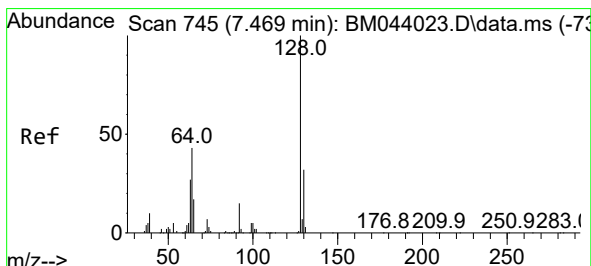
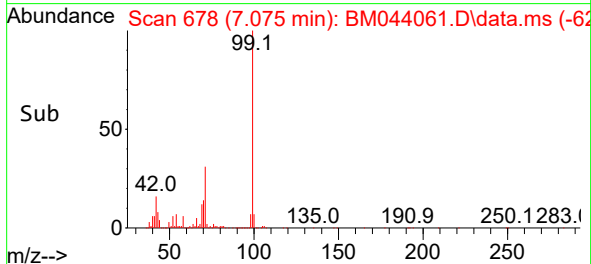
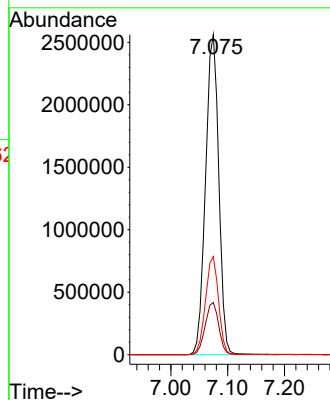
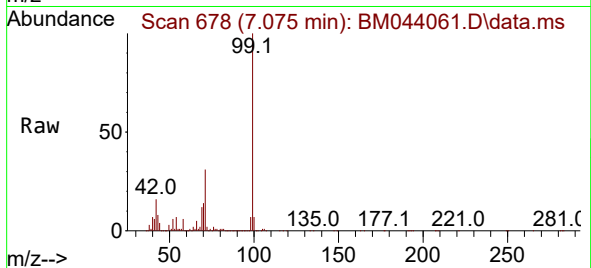




#7
Phenol-d6
Concen: 85.111 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

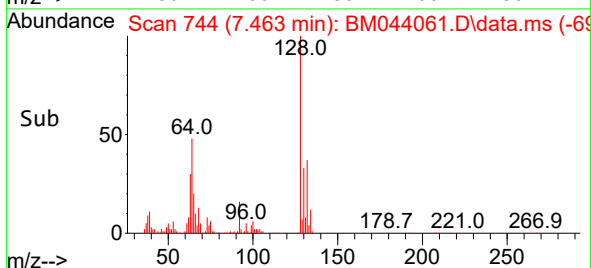
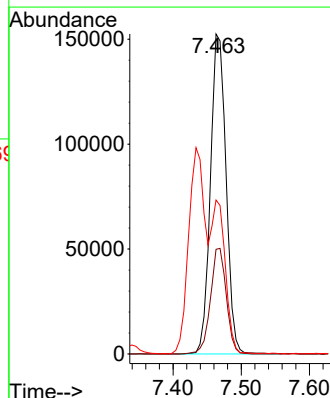
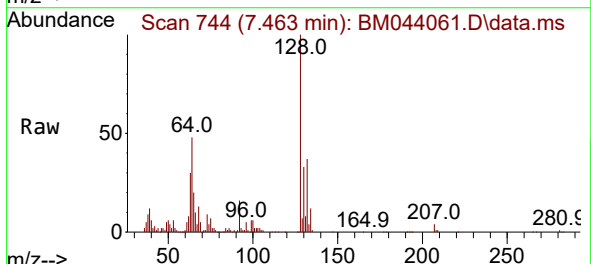
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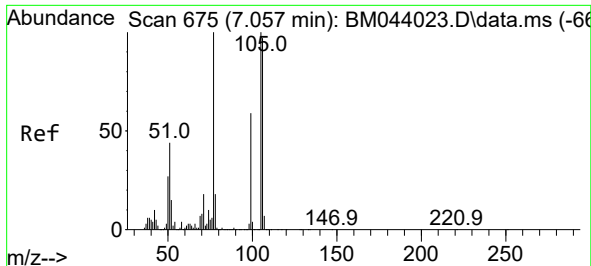
Tgt Ion: 99 Resp: 4133352
Ion Ratio Lower Upper
99 100
42 16.3 12.9 19.3
71 30.7 23.9 35.9



#8
2-Chlorophenol
Concen: 6.101 ng
RT: 7.463 min Scan# 744
Delta R.T. -0.006 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

Tgt Ion: 128 Resp: 243196
Ion Ratio Lower Upper
128 100
130 32.7 12.1 52.1
64 48.1 26.0 66.0

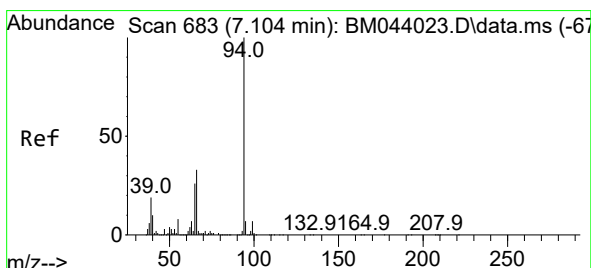
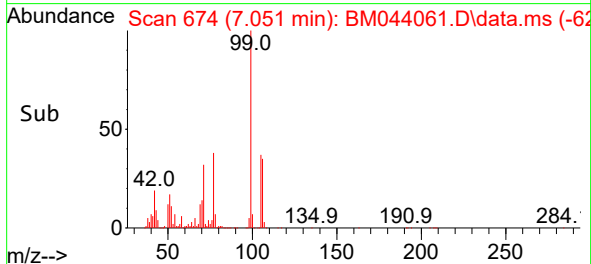
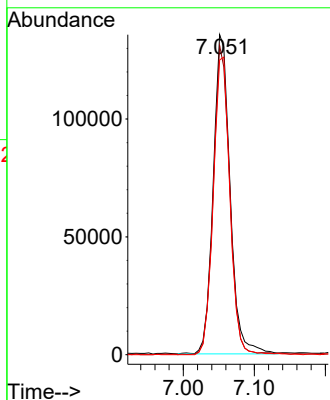
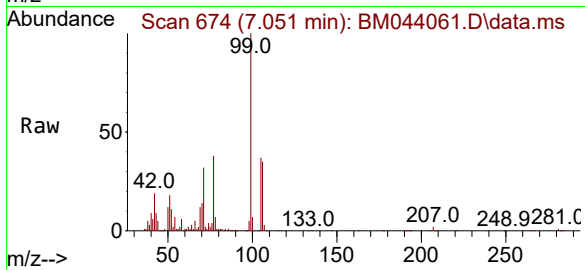




#9
Benzaldehyde
Concen: 8.945 ng
RT: 7.051 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

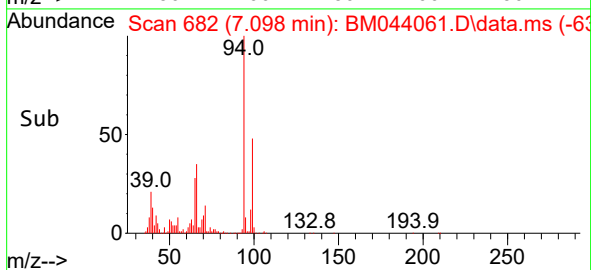
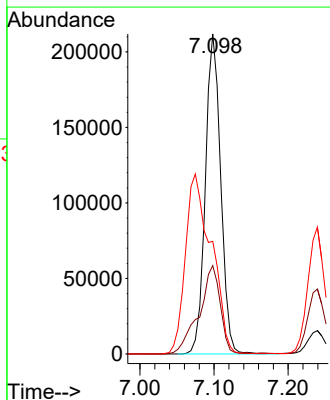
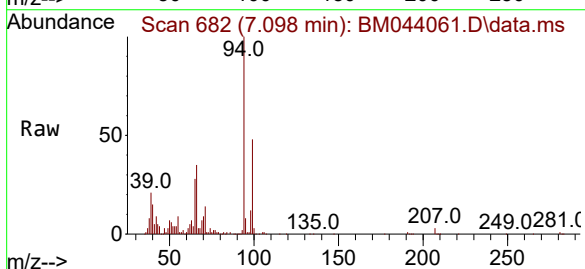
Instrument :
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MDL-WATER-03-QT4-2023

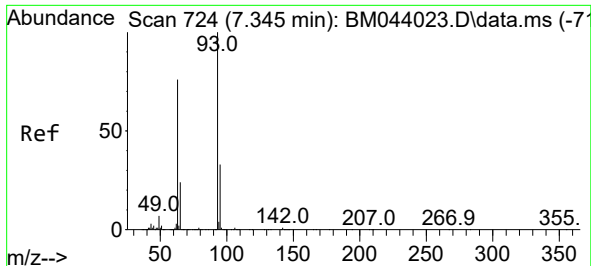
Tgt Ion: 77 Resp: 223230
Ion Ratio Lower Upper
77 100
105 96.6 80.0 120.0
106 92.1 76.8 116.8



#10
Phenol
Concen: 6.241 ng
RT: 7.098 min Scan# 682
Delta R.T. -0.006 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

Tgt Ion: 94 Resp: 305875
Ion Ratio Lower Upper
94 100
65 27.6 6.4 46.4
66 35.2 13.2 53.2

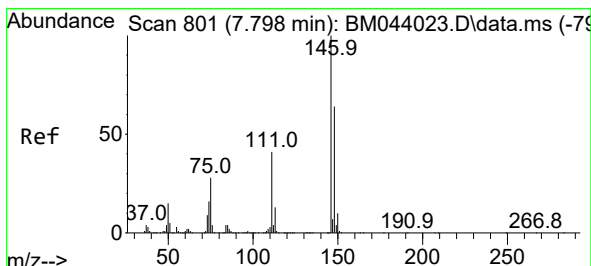
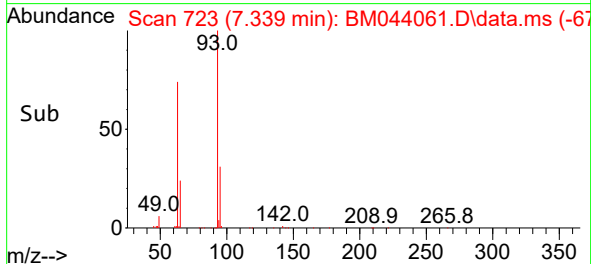
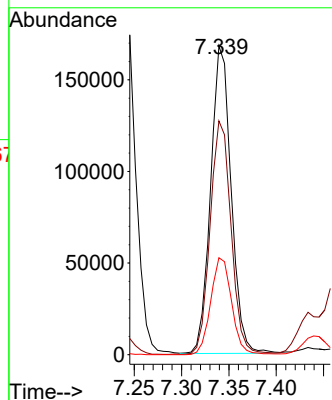
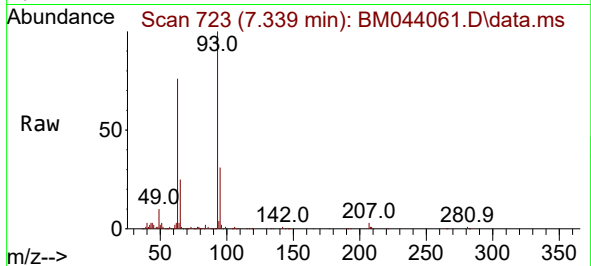




#11
bis(2-Chloroethyl)ether
Concen: 6.219 ng
RT: 7.339 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

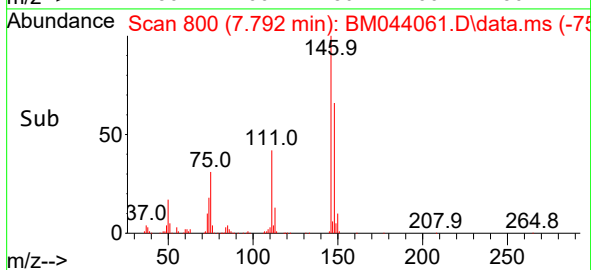
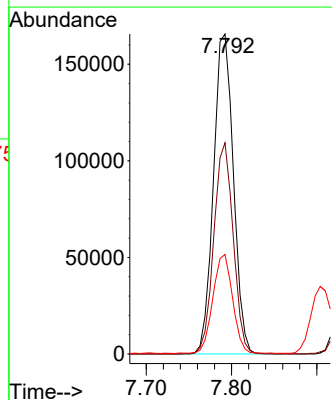
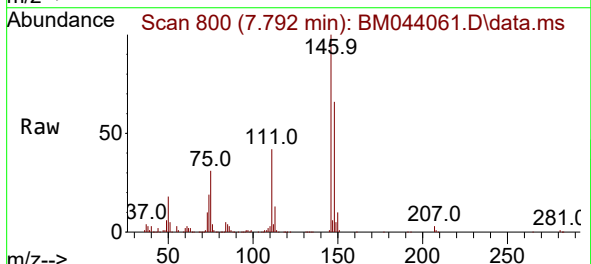
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2023

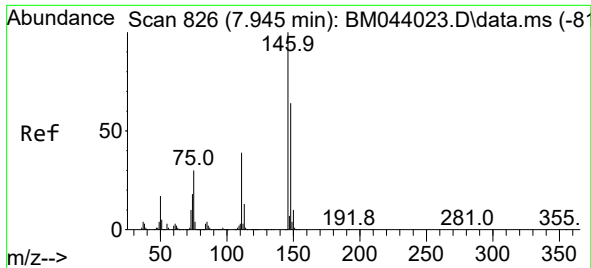
Tgt Ion: 93 Resp: 252430
Ion Ratio Lower Upper
93 100
63 75.7 55.9 95.9
95 31.4 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 5.944 ng
RT: 7.792 min Scan# 800
Delta R.T. -0.006 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

Tgt Ion:146 Resp: 268978
Ion Ratio Lower Upper
146 100
148 66.0 51.3 76.9
75 31.1 22.7 34.1

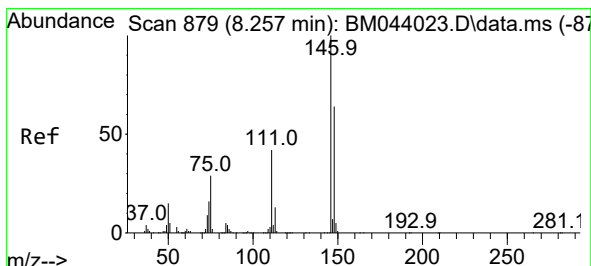
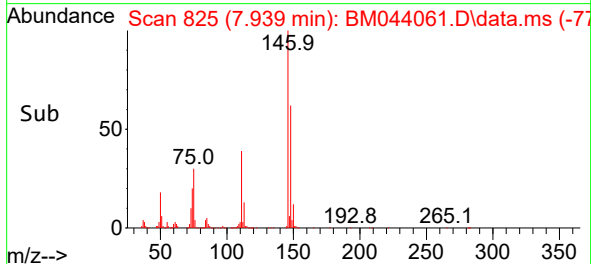
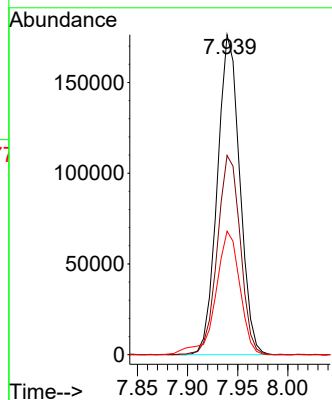
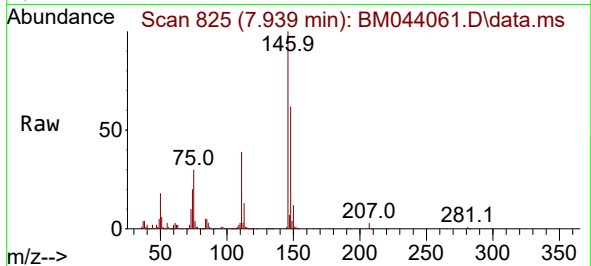




#13
1,4-Dichlorobenzene
Concen: 6.004 ng
RT: 7.939 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

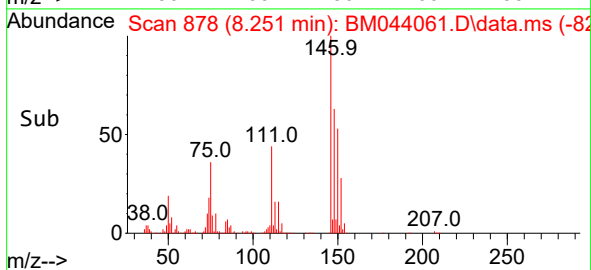
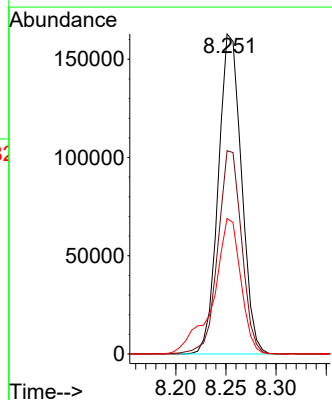
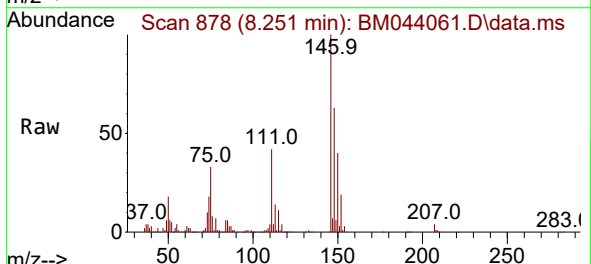
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2023

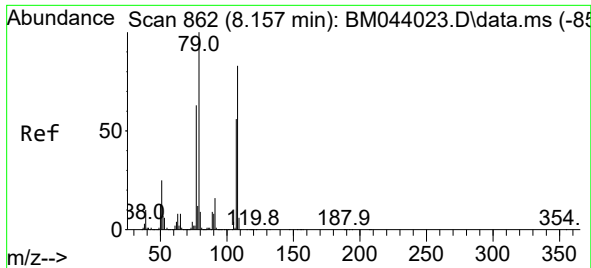
Tgt Ion:146 Resp: 273897
Ion Ratio Lower Upper
146 100
148 62.2 51.2 76.8
111 38.6 31.2 46.8



#14
1,2-Dichlorobenzene
Concen: 6.015 ng
RT: 8.251 min Scan# 878
Delta R.T. -0.006 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

Tgt Ion:146 Resp: 261457
Ion Ratio Lower Upper
146 100
148 63.5 51.4 77.2
111 42.3 33.7 50.5

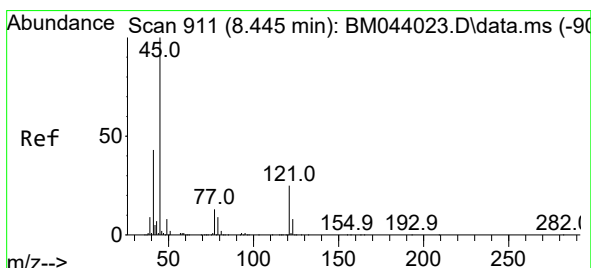
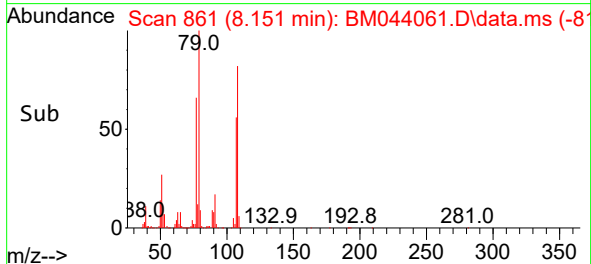
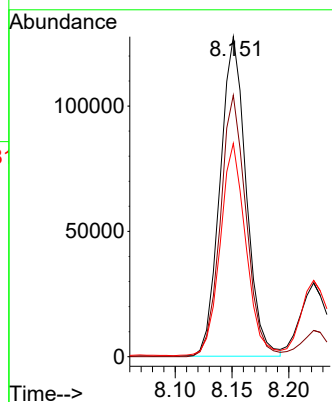
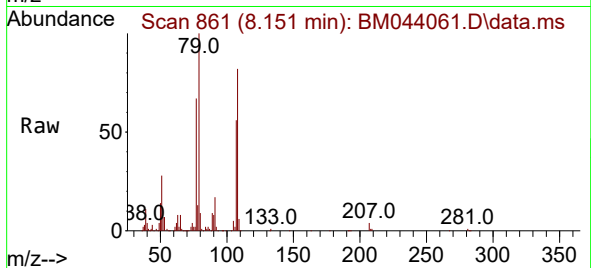




#15
Benzyl Alcohol
Concen: 6.445 ng
RT: 8.151 min Scan# 862
Delta R.T. -0.006 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

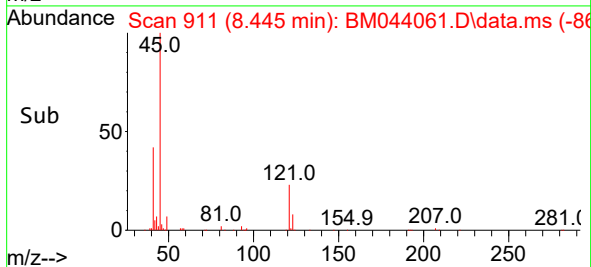
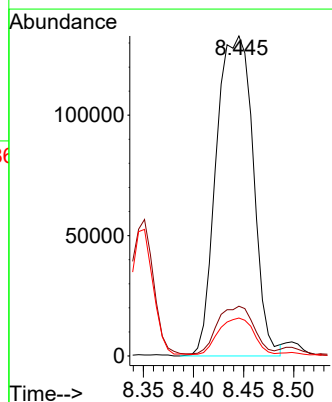
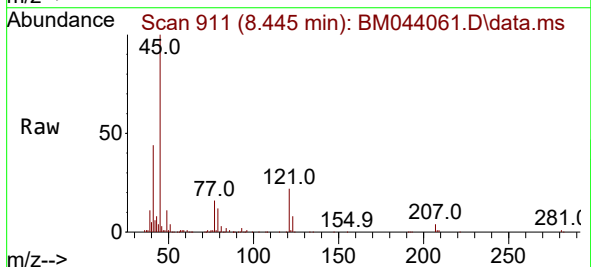
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2023

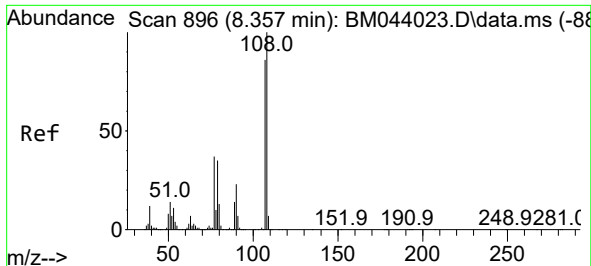
Tgt Ion: 79 Resp: 203782
Ion Ratio Lower Upper
79 100
108 81.7 66.0 99.0
77 66.7 50.4 75.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 6.581 ng
RT: 8.445 min Scan# 911
Delta R.T. -0.000 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

Tgt Ion: 45 Resp: 338626
Ion Ratio Lower Upper
45 100
77 15.5 0.0 35.1
79 11.9 0.0 31.5

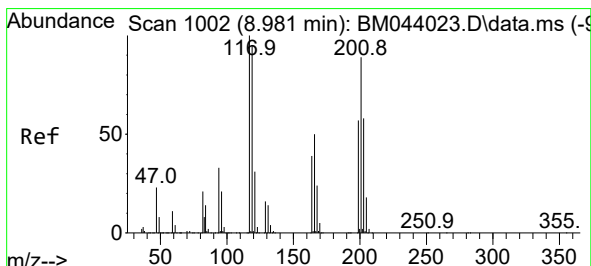
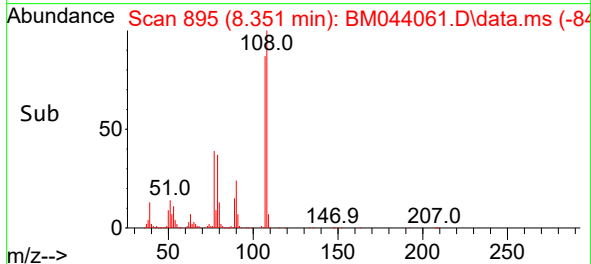
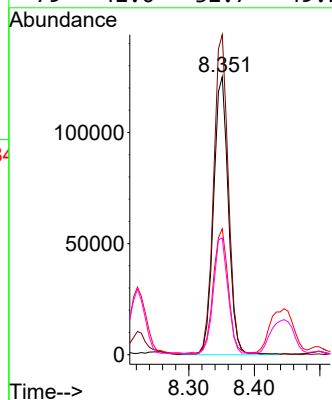
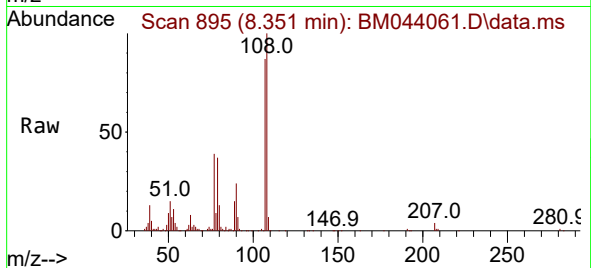




#17
2-Methylphenol
Concen: 6.076 ng
RT: 8.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

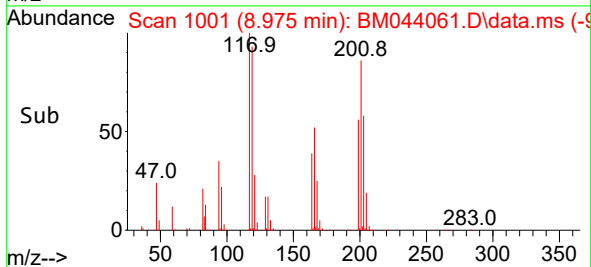
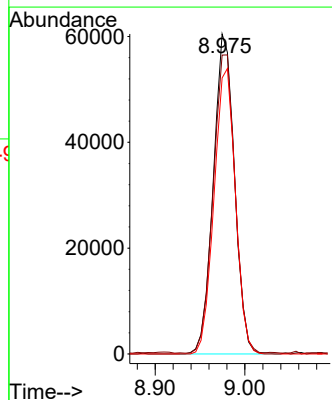
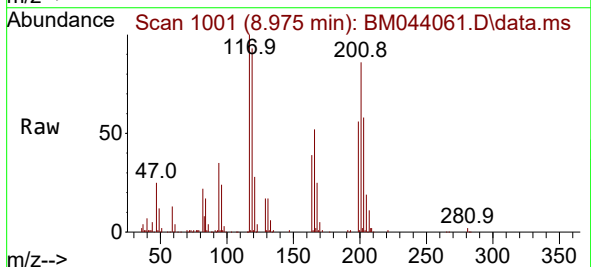
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2023

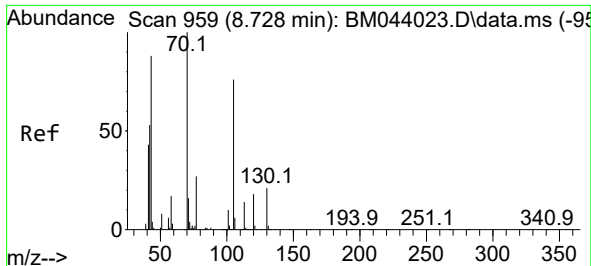
Tgt Ion:	107	Resp:	195486
Ion Ratio	Lower	Upper	
107	100		
108	115.1	93.4	140.2
77	45.3	34.7	52.1
79	42.0	32.7	49.1



#18
Hexachloroethane
Concen: 5.787 ng
RT: 8.975 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

Tgt Ion:	117	Resp:	98844
Ion Ratio	Lower	Upper	
117	100		
119	93.4	75.7	113.5
201	86.2	71.5	107.3

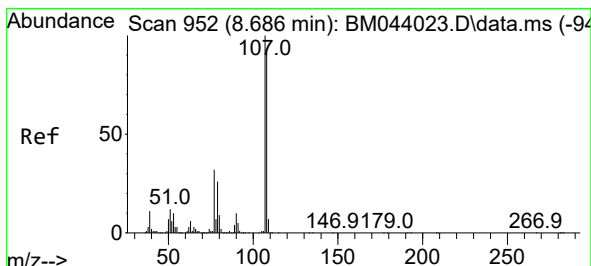
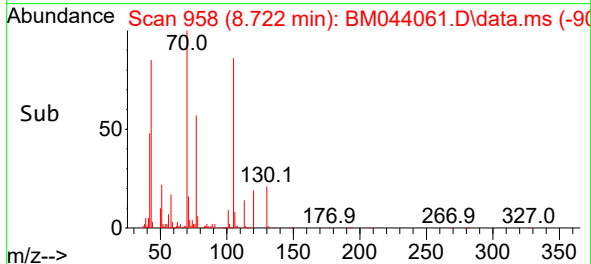
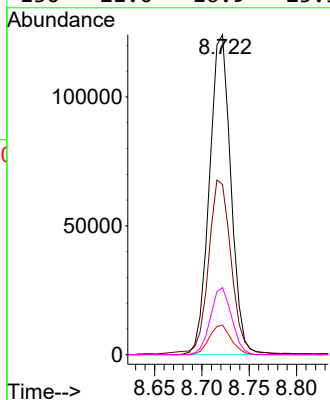
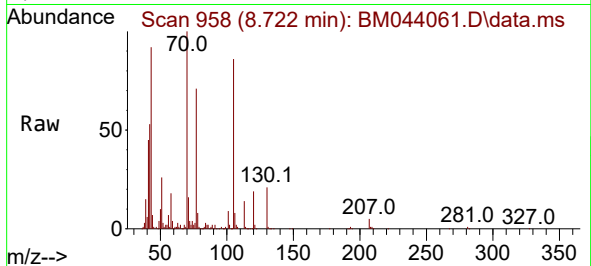




#19
n-Nitroso-di-n-propylamine
Concen: 6.567 ng
RT: 8.722 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

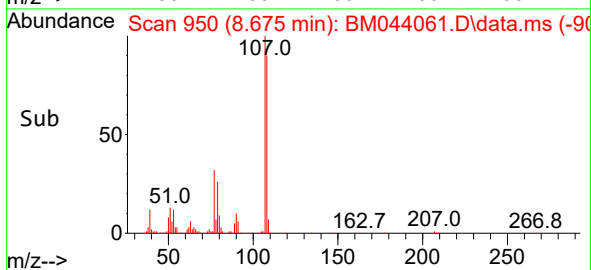
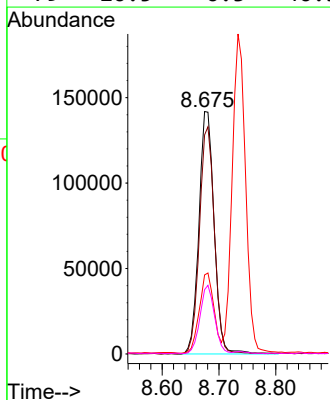
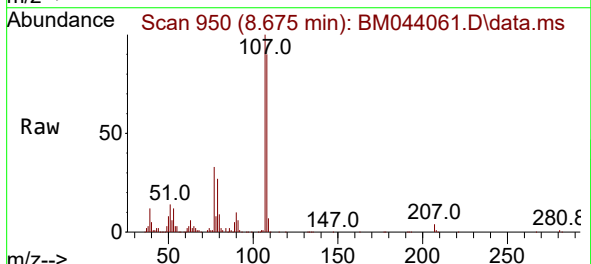
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2023

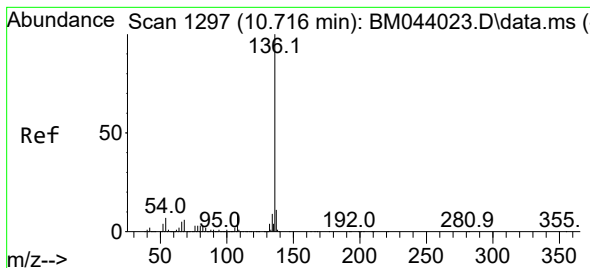
Tgt Ion: 70 Resp: 195836
Ion Ratio Lower Upper
70 100
42 53.1 42.6 64.0
101 9.2 7.8 11.6
130 21.0 16.9 25.3



#20
3+4-Methylphenols
Concen: 5.966 ng
RT: 8.675 min Scan# 950
Delta R.T. -0.012 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

Tgt Ion: 107 Resp: 264184
Ion Ratio Lower Upper
107 100
108 90.4 71.5 111.5
77 32.6 11.8 51.8
79 26.5 6.3 46.3

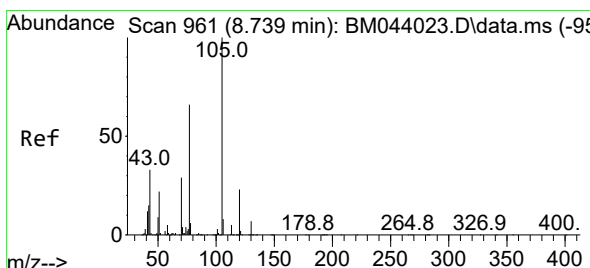
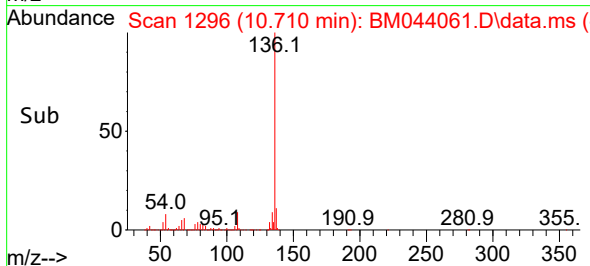
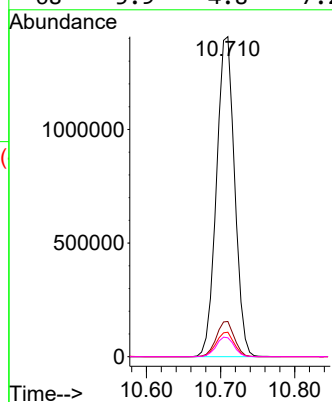
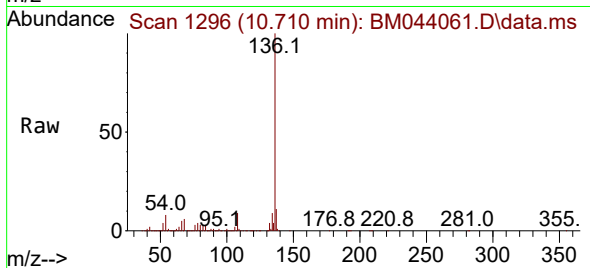




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

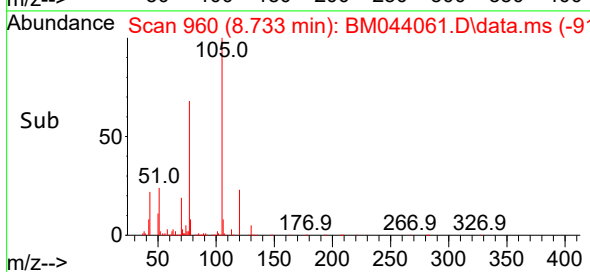
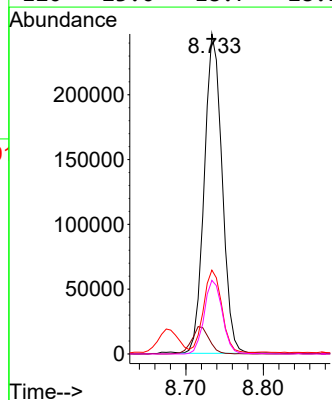
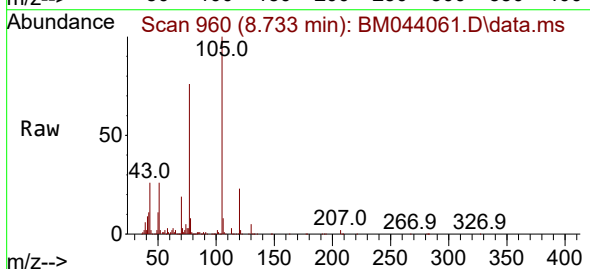
Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT4-2023

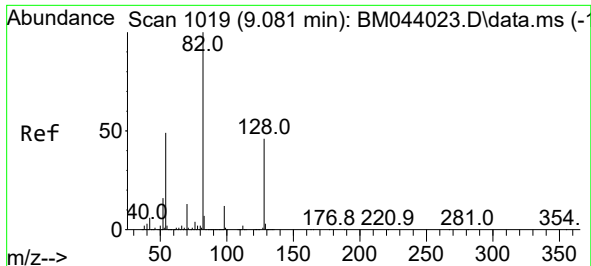
Tgt Ion:136 Resp: 2393558
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.7 5.9 8.9
68 5.9 4.8 7.2



#22
Acetophenone
Concen: 6.483 ng
RT: 8.733 min Scan# 960
Delta R.T. -0.006 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

Tgt Ion:105 Resp: 393901
Ion Ratio Lower Upper
105 100
71 3.2 4.0 6.0#
51 26.2 20.1 30.1
120 23.0 18.7 28.1





#23

Nitrobenzene-d5

Concen: 61.893 ng

RT: 9.075 min Scan# 1018

Delta R.T. -0.006 min

Lab File: BM044061.D

Acq: 12 Feb 2024 17:43

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2023

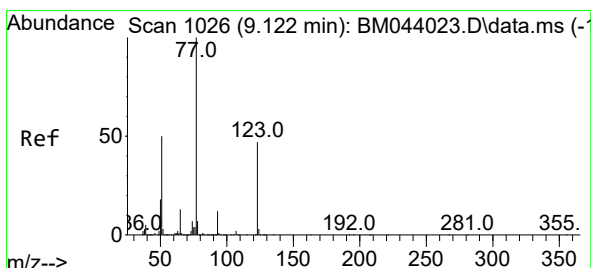
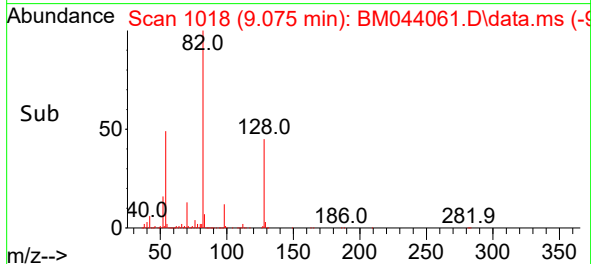
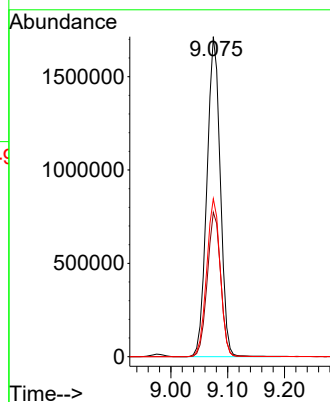
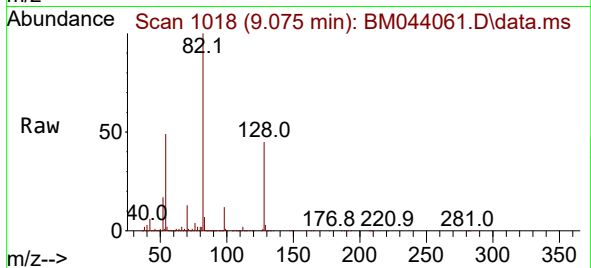
Tgt Ion: 82 Resp: 2791821

Ion Ratio Lower Upper

82 100

128 45.1 37.1 55.7

54 49.4 38.9 58.3



#24

Nitrobenzene

Concen: 6.303 ng

RT: 9.116 min Scan# 1025

Delta R.T. -0.006 min

Lab File: BM044061.D

Acq: 12 Feb 2024 17:43

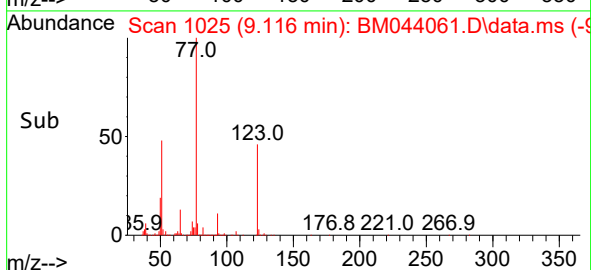
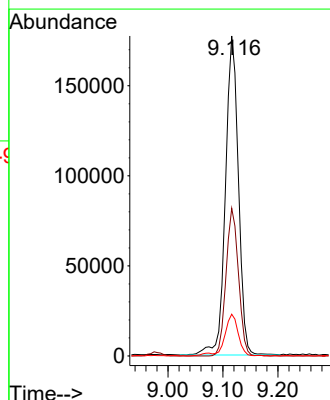
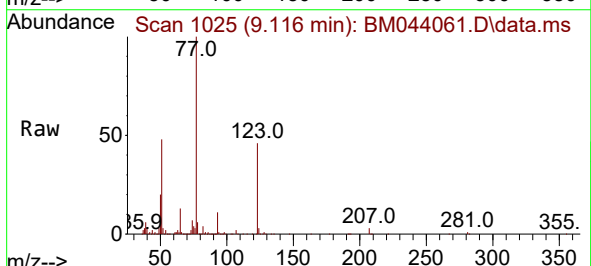
Tgt Ion: 77 Resp: 291128

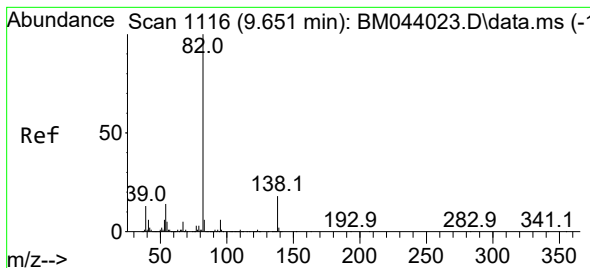
Ion Ratio Lower Upper

77 100

123 46.2 37.8 56.8

65 13.0 10.5 15.7





#25

Isophorone

Concen: 6.085 ng

RT: 9.639 min Scan# 1114

Delta R.T. -0.012 min

Lab File: BM044061.D

Acq: 12 Feb 2024 17:43

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2023

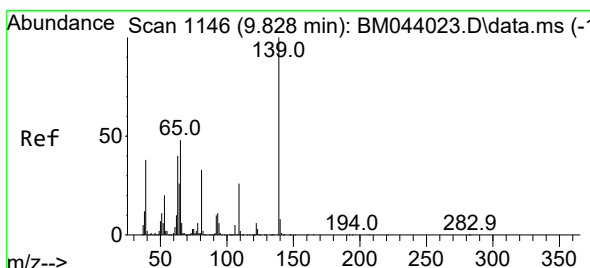
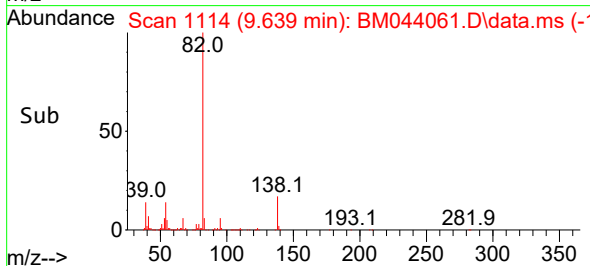
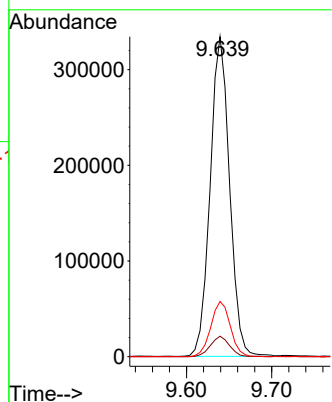
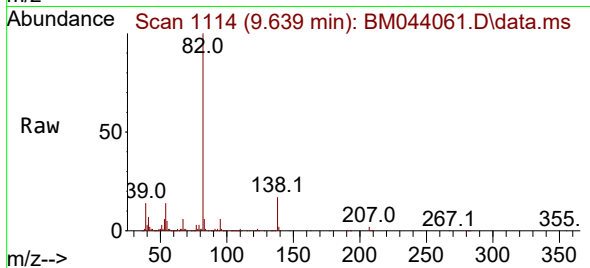
Tgt Ion: 82 Resp: 528546

Ion Ratio Lower Upper

82 100

95 6.4 5.2 7.8

138 17.3 14.3 21.5



#26

2-Nitrophenol

Concen: 5.266 ng

RT: 9.822 min Scan# 1145

Delta R.T. -0.006 min

Lab File: BM044061.D

Acq: 12 Feb 2024 17:43

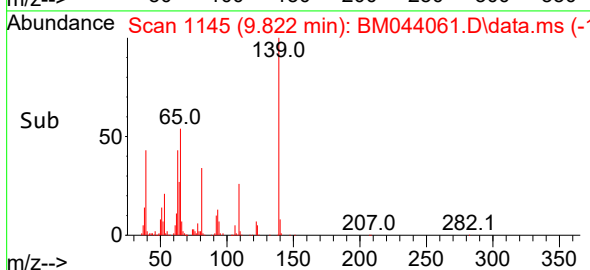
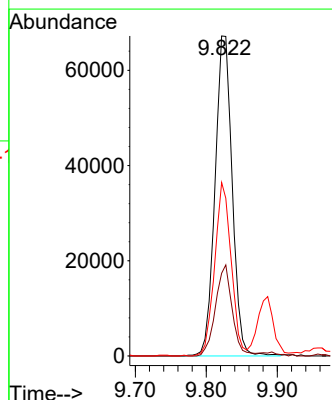
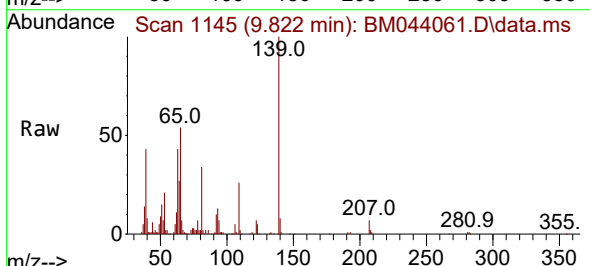
Tgt Ion:139 Resp: 112770

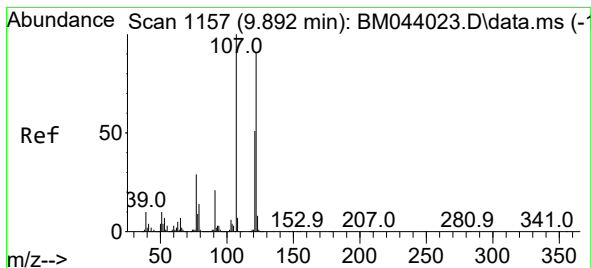
Ion Ratio Lower Upper

139 100

109 25.8 21.2 31.8

65 54.2 38.5 57.7





#27

2,4-Dimethylphenol

Concen: 6.865 ng

RT: 9.886 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BM044061.D

Acq: 12 Feb 2024 17:43

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2023

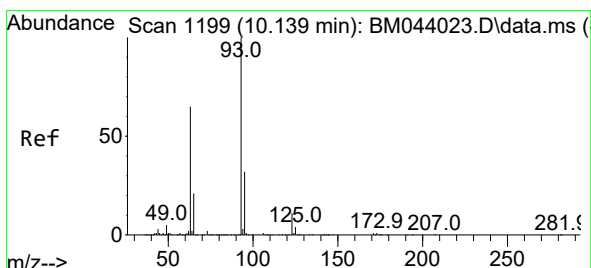
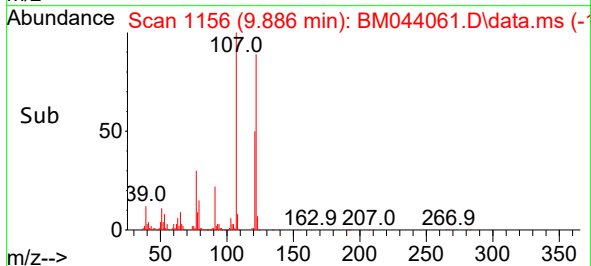
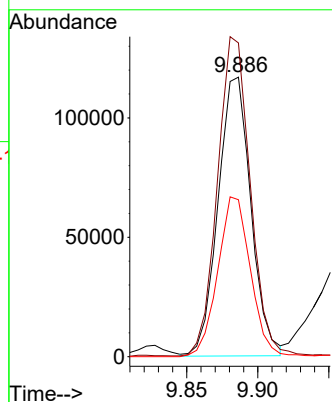
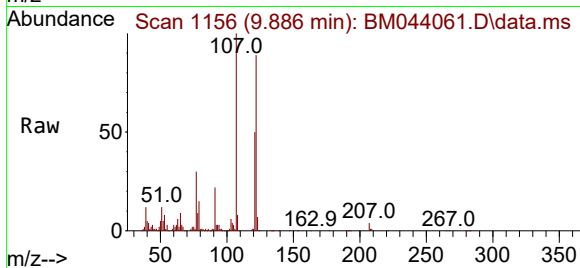
Tgt Ion:122 Resp: 187976

Ion Ratio Lower Upper

122 100

107 112.3 87.8 131.8

121 56.2 44.7 67.1



#28

bis(2-Chloroethoxy)methane

Concen: 6.228 ng

RT: 10.133 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BM044061.D

Acq: 12 Feb 2024 17:43

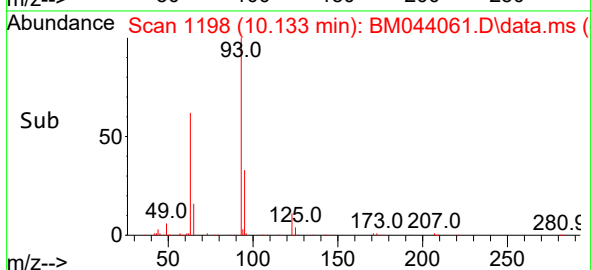
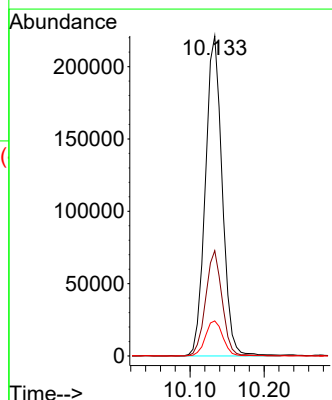
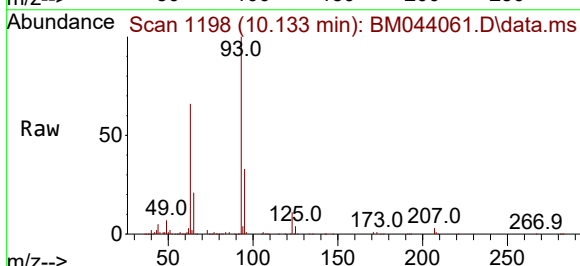
Tgt Ion: 93 Resp: 349857

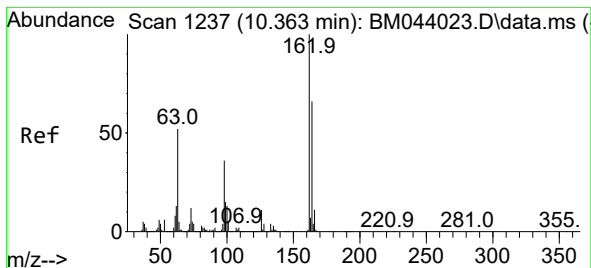
Ion Ratio Lower Upper

93 100

95 32.9 26.0 39.0

123 10.9 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 5.807 ng

RT: 10.351 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM044061.D

Acq: 12 Feb 2024 17:43

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2023

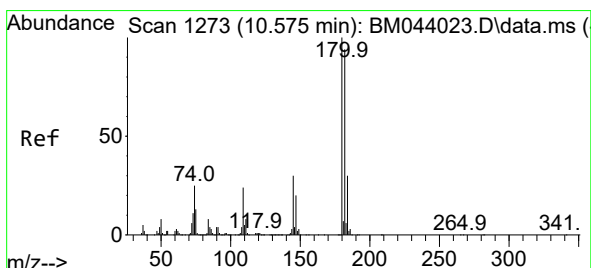
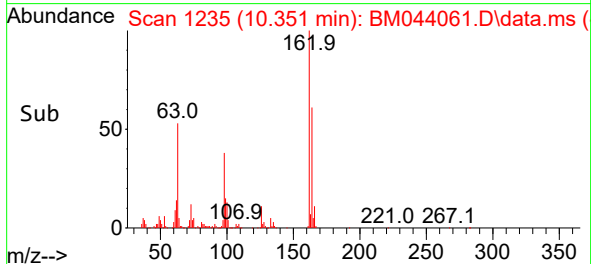
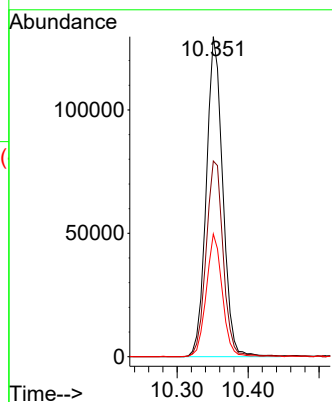
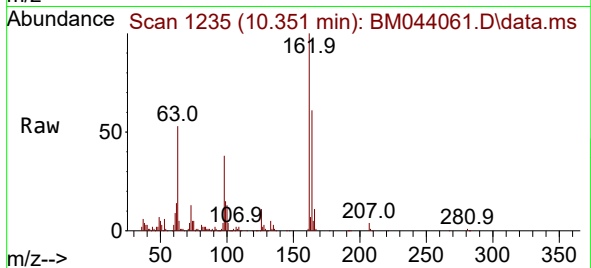
Tgt Ion:162 Resp: 209357

Ion Ratio Lower Upper

162 100

164 61.1 46.1 86.1

98 38.3 15.9 55.9



#30

1,2,4-Trichlorobenzene

Concen: 5.870 ng

RT: 10.569 min Scan# 1272

Delta R.T. -0.006 min

Lab File: BM044061.D

Acq: 12 Feb 2024 17:43

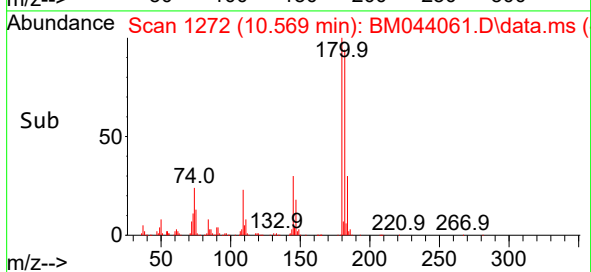
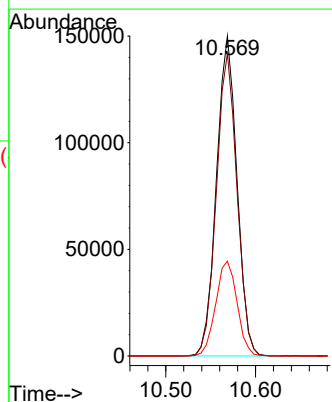
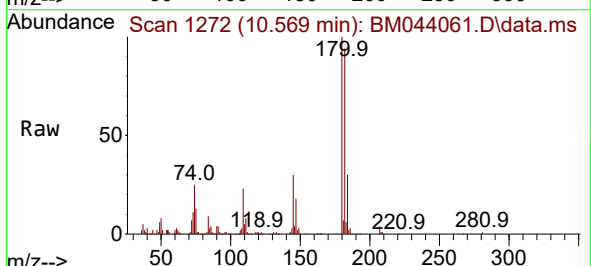
Tgt Ion:180 Resp: 237978

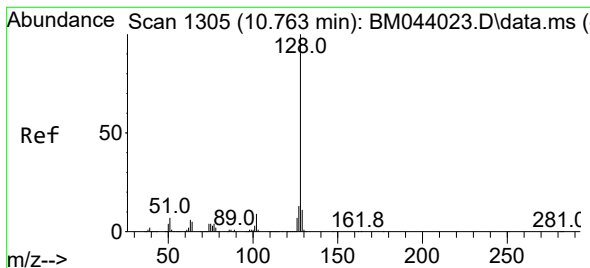
Ion Ratio Lower Upper

180 100

182 94.5 75.2 112.8

145 29.6 24.3 36.5





#31

Naphthalene

Concen: 6.080 ng

RT: 10.757 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BM044061.D

Acq: 12 Feb 2024 17:43

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2023

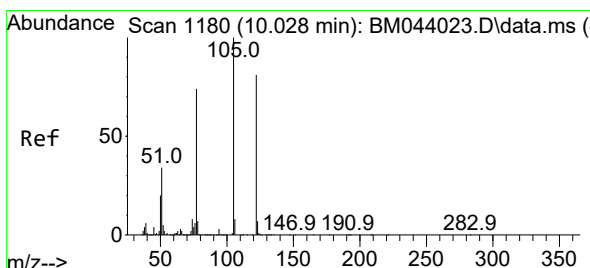
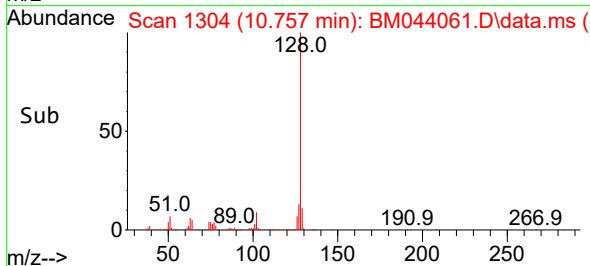
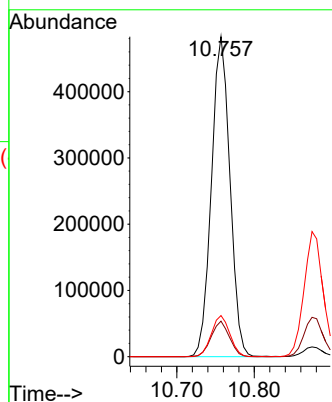
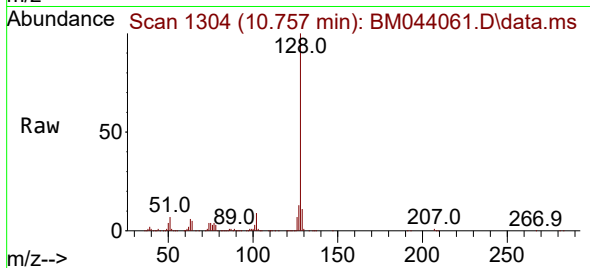
Tgt Ion:128 Resp: 803251

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.4

127 12.8 10.3 15.5



#32

Benzoic acid

Concen: 3.453 ng

RT: 9.957 min Scan# 1168

Delta R.T. -0.071 min

Lab File: BM044061.D

Acq: 12 Feb 2024 17:43

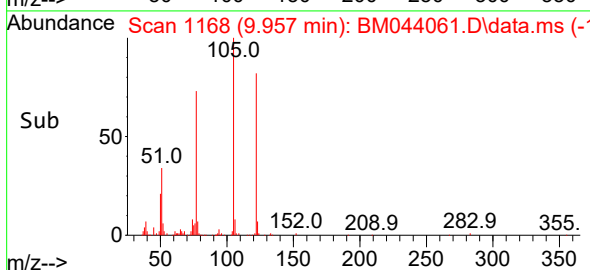
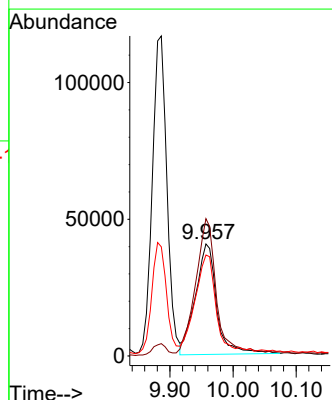
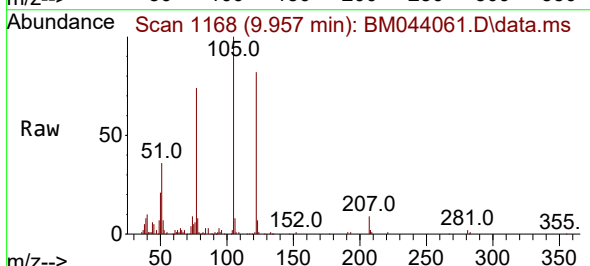
Tgt Ion:122 Resp: 95241

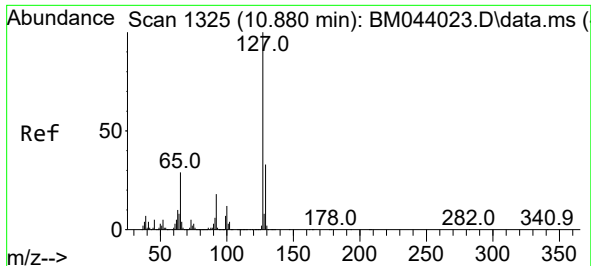
Ion Ratio Lower Upper

122 100

105 122.7 100.1 140.1

77 90.2 69.6 109.6

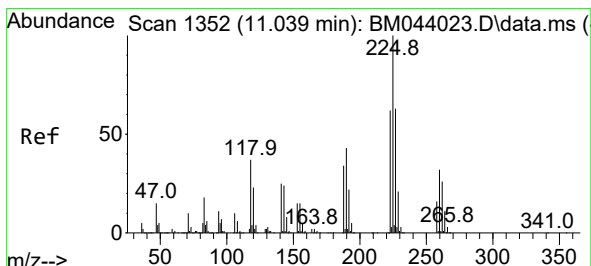
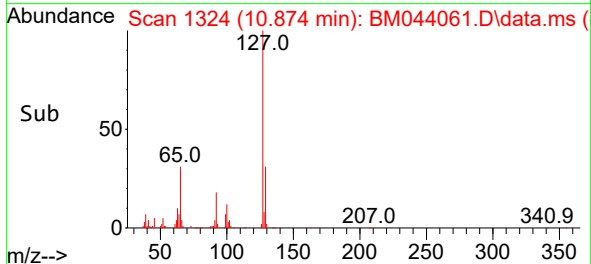
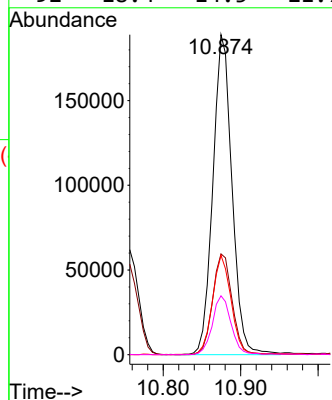
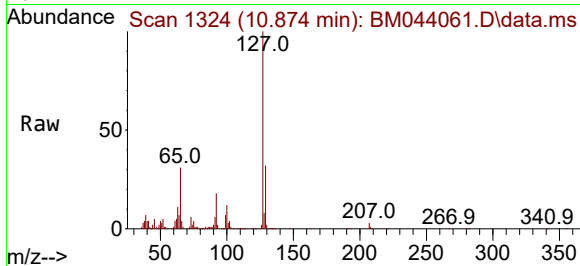




#33
4-Chloroaniline
Concen: 6.485 ng
RT: 10.874 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

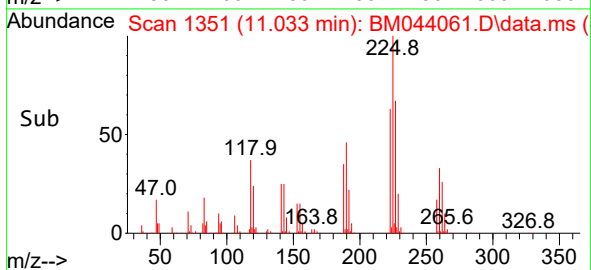
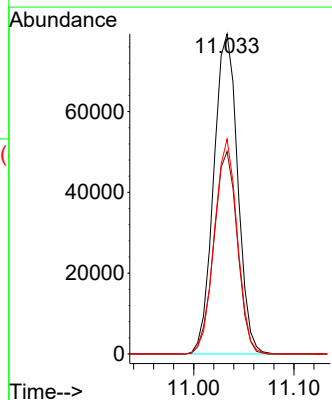
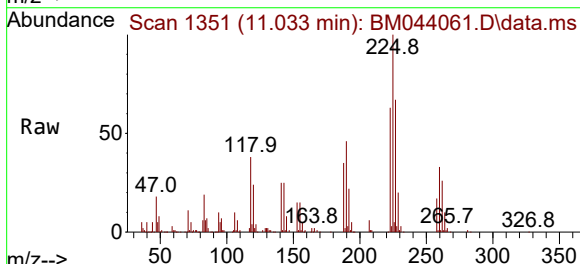
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2023

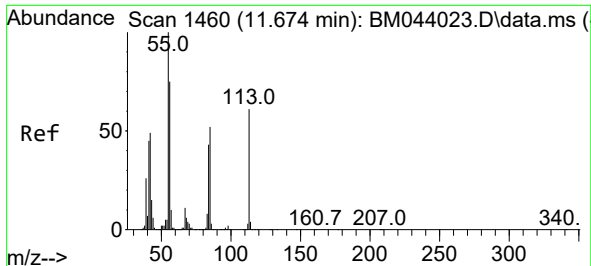
Tgt Ion:	127	Resp:	324401
Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.0	39.0
65	31.1	23.0	34.6
92	18.4	14.5	21.7



#34
Hexachlorobutadiene
Concen: 5.665 ng
RT: 11.033 min Scan# 1351
Delta R.T. -0.006 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

Tgt Ion:	225	Resp:	131461
Ion	Ratio	Lower	Upper
225	100		
223	63.3	49.9	74.9
227	69.7	50.6	76.0

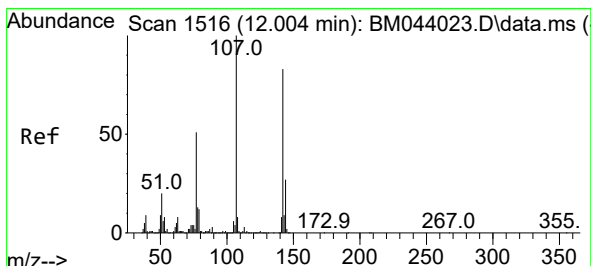
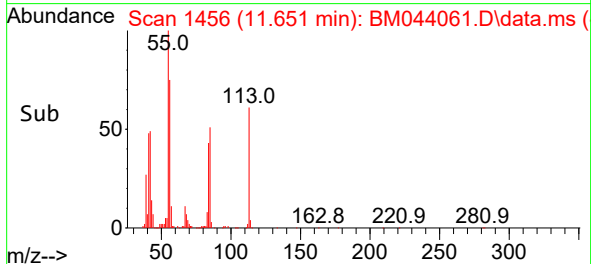
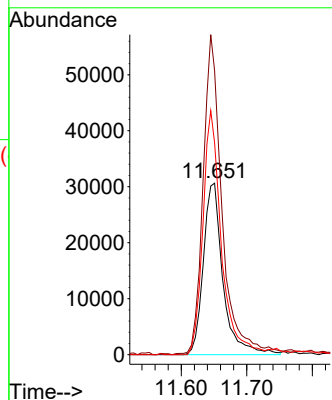
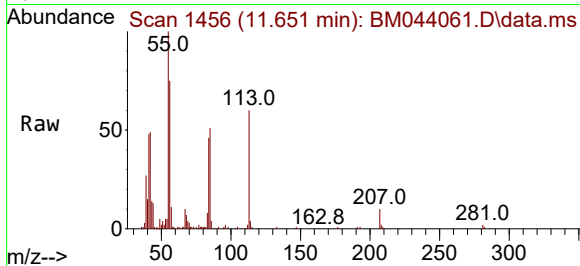




#35
Caprolactam
Concen: 5.515 ng
RT: 11.651 min Scan# 1460
Delta R.T. -0.024 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

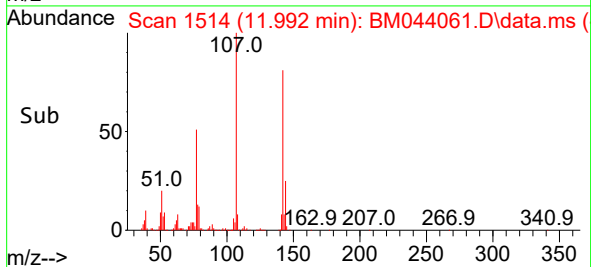
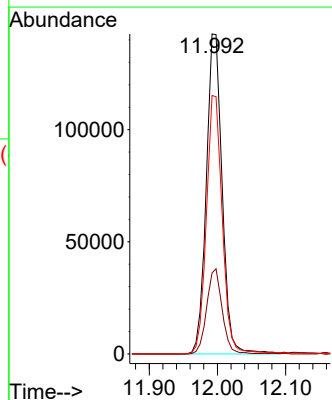
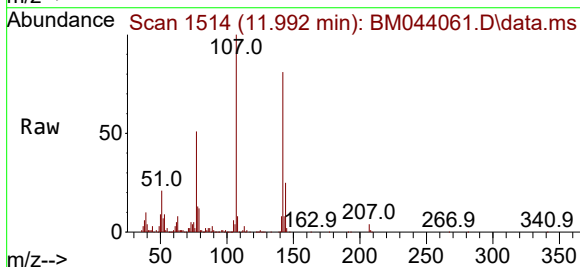
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2023

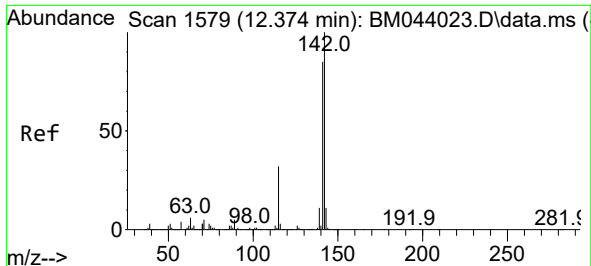
Tgt Ion:113 Resp: 63987
Ion Ratio Lower Upper
113 100
55 165.7 145.6 185.6
56 123.5 103.3 143.3



#36
4-Chloro-3-methylphenol
Concen: 5.928 ng
RT: 11.992 min Scan# 1514
Delta R.T. -0.012 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

Tgt Ion:107 Resp: 231416
Ion Ratio Lower Upper
107 100
144 25.3 21.3 31.9
142 80.7 66.2 99.4

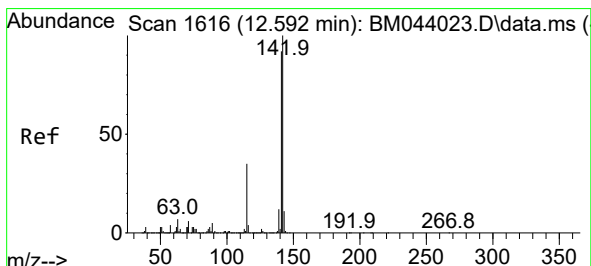
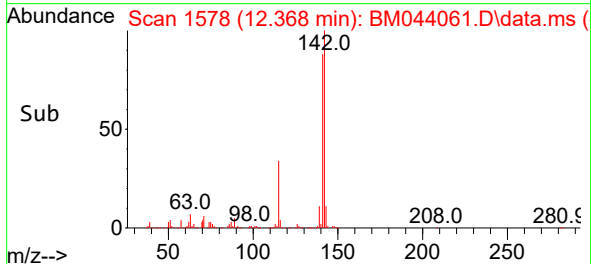
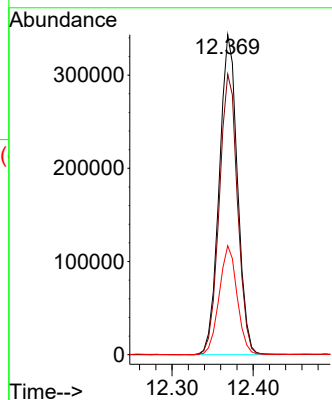
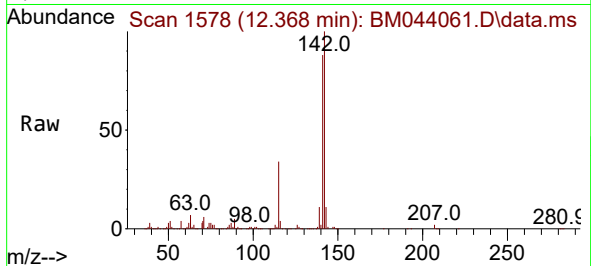




#37
2-Methylnaphthalene
Concen: 6.089 ng
RT: 12.368 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

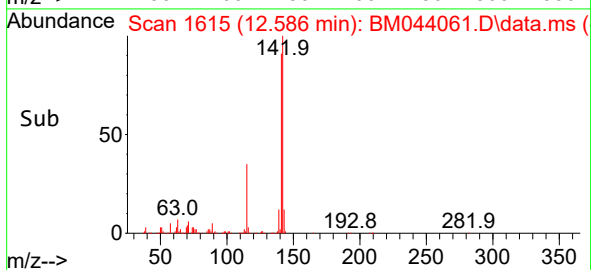
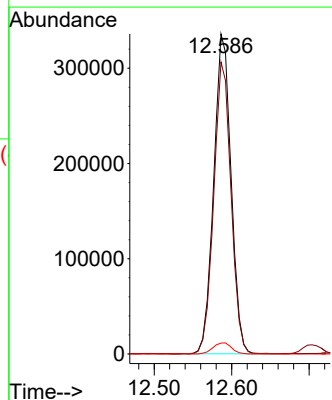
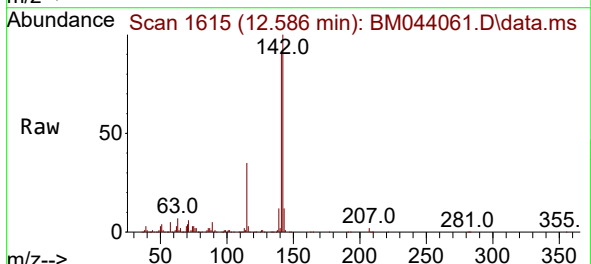
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2023

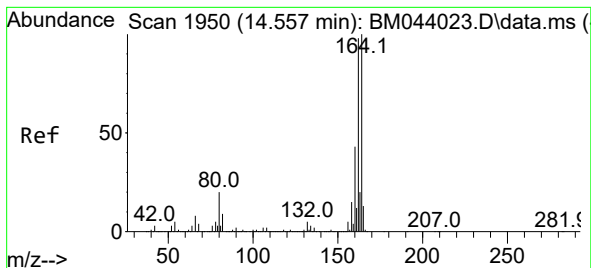
Tgt Ion:142 Resp: 535837
Ion Ratio Lower Upper
142 100
141 87.6 68.3 102.5
115 34.1 25.7 38.5



#38
1-Methylnaphthalene
Concen: 6.034 ng
RT: 12.586 min Scan# 1615
Delta R.T. -0.006 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

Tgt Ion:142 Resp: 521730
Ion Ratio Lower Upper
142 100
141 91.2 73.4 110.0
116 3.4 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.551 min Scan# 1950

Delta R.T. -0.006 min

Lab File: BM044061.D

Acq: 12 Feb 2024 17:43

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2023

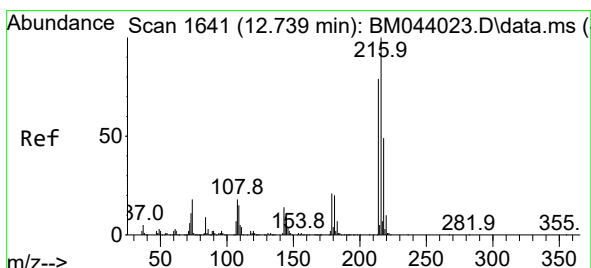
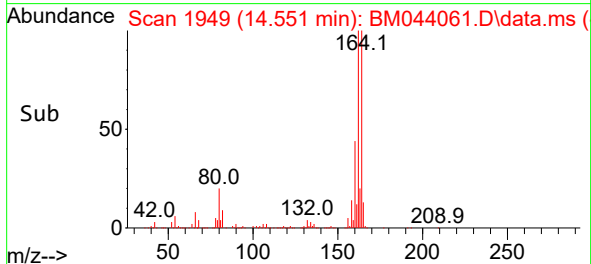
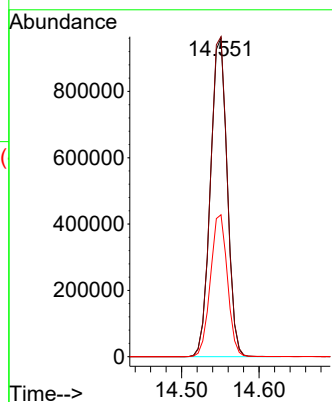
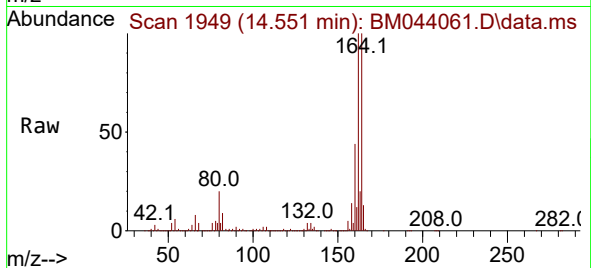
Tgt Ion:164 Resp: 1438998

Ion Ratio Lower Upper

164 100

162 100.4 78.4 117.6

160 44.6 34.6 51.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 6.055 ng

RT: 12.733 min Scan# 1640

Delta R.T. -0.006 min

Lab File: BM044061.D

Acq: 12 Feb 2024 17:43

Tgt Ion:216 Resp: 253266

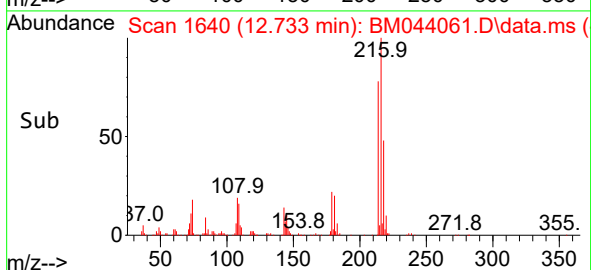
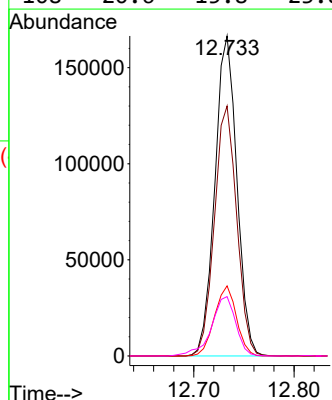
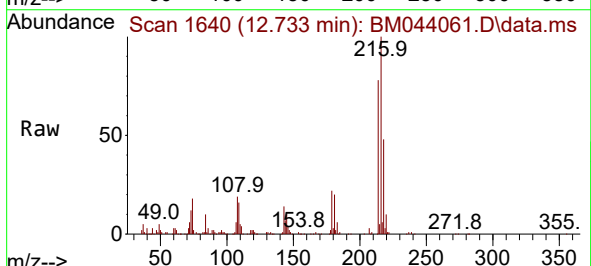
Ion Ratio Lower Upper

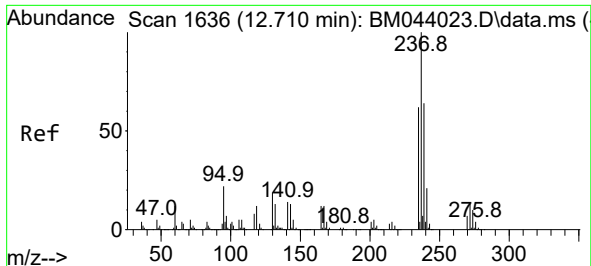
216 100

214 79.0 63.1 94.7

179 21.8 17.0 25.6

108 20.6 15.8 23.8

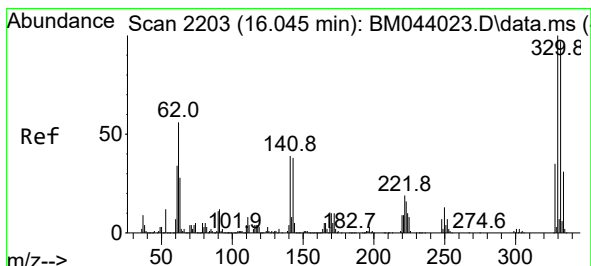
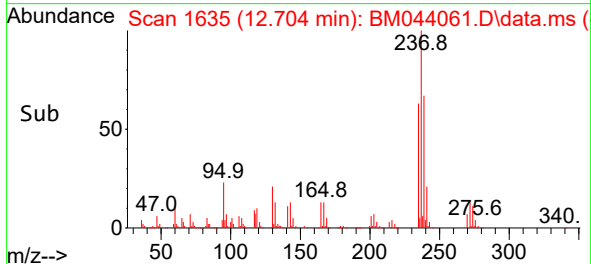
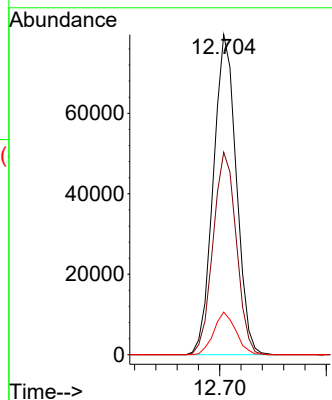
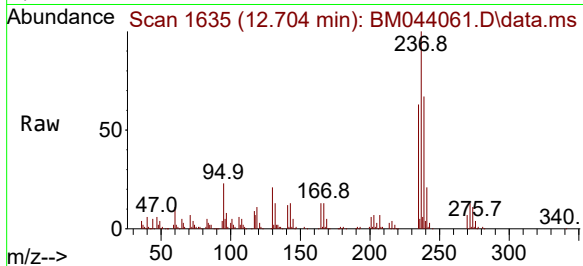




#41
Hexachlorocyclopentadiene
Concen: 6.537 ng
RT: 12.704 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

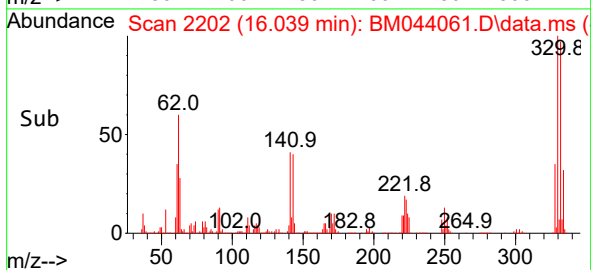
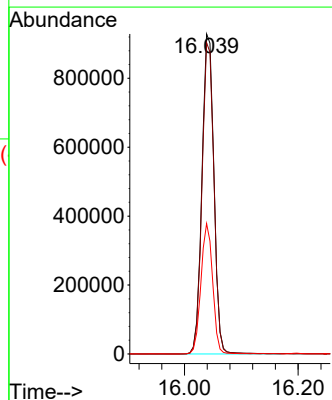
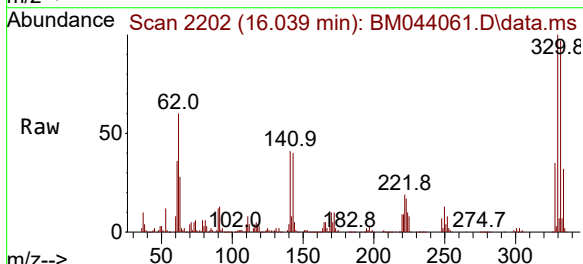
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2023

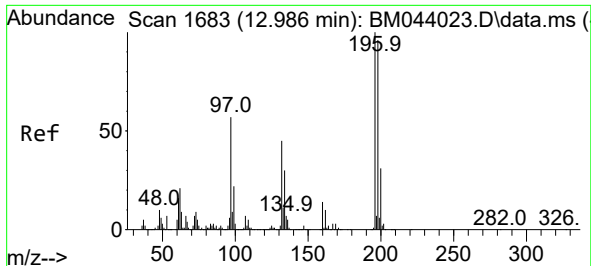
Tgt Ion:237 Resp: 119330
Ion Ratio Lower Upper
237 100
235 63.2 42.4 82.4
272 13.3 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 87.006 ng
RT: 16.039 min Scan# 2202
Delta R.T. -0.006 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

Tgt Ion:330 Resp: 1355589
Ion Ratio Lower Upper
330 100
332 97.2 77.7 116.5
141 40.1 31.0 46.4

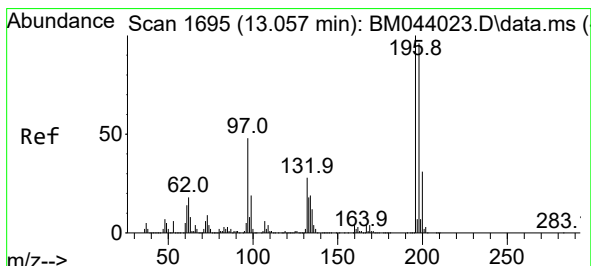
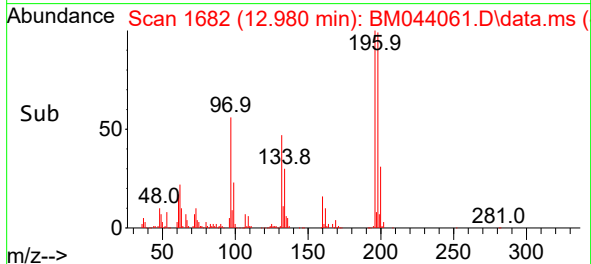
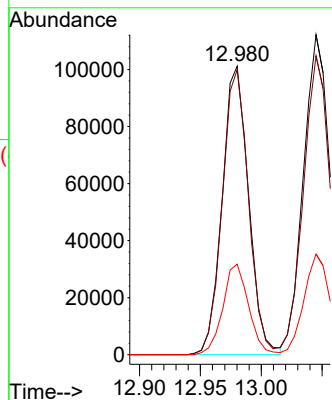
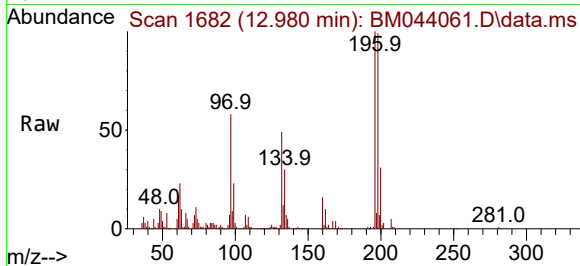




#43
2,4,6-Trichlorophenol
Concen: 5.378 ng
RT: 12.980 min Scan# 1682
Delta R.T. -0.006 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

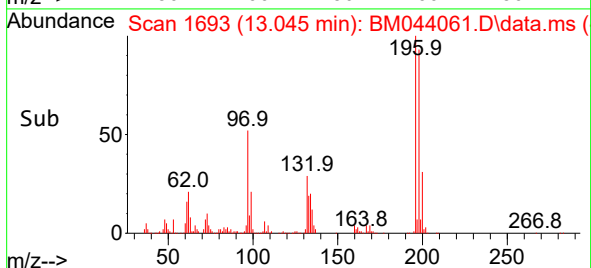
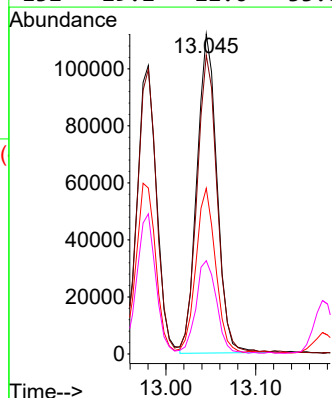
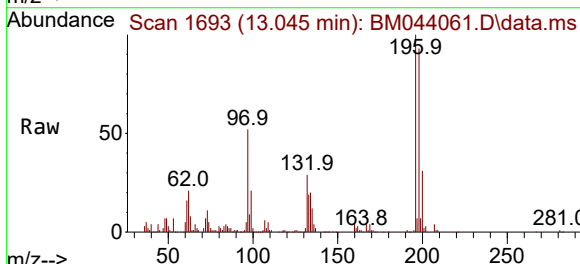
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2023

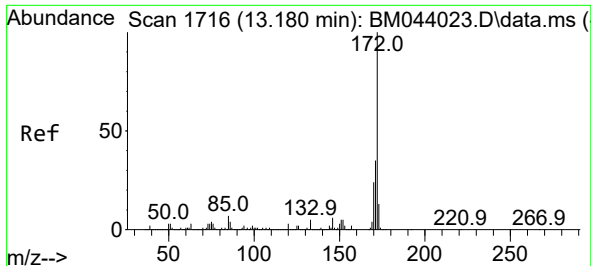
Tgt Ion:196 Resp: 153093
Ion Ratio Lower Upper
196 100
198 98.7 76.8 115.2
200 31.4 24.6 37.0



#44
2,4,5-Trichlorophenol
Concen: 5.558 ng
RT: 13.045 min Scan# 1693
Delta R.T. -0.012 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

Tgt Ion:196 Resp: 173616
Ion Ratio Lower Upper
196 100
198 93.4 76.9 115.3
97 51.8 39.0 58.4
132 29.2 22.6 33.8

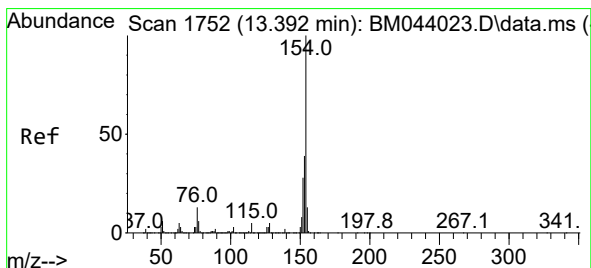
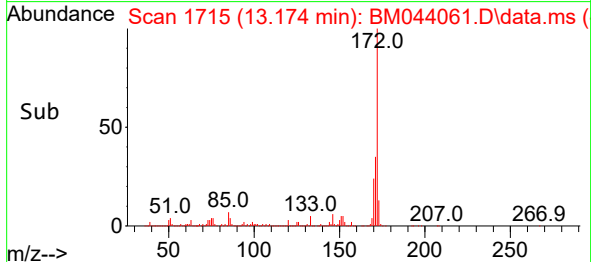
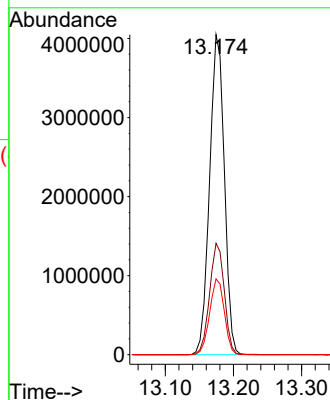
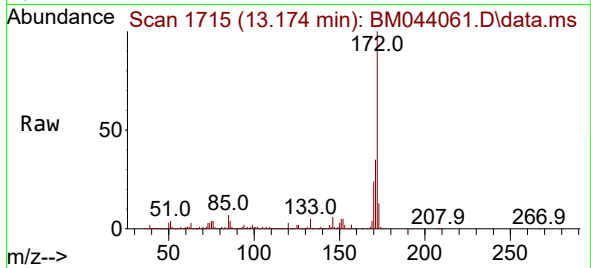




#45
2-Fluorobiphenyl
Concen: 59.873 ng
RT: 13.174 min Scan# 1715
Delta R.T. -0.006 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

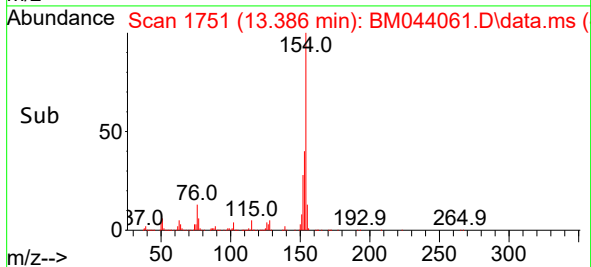
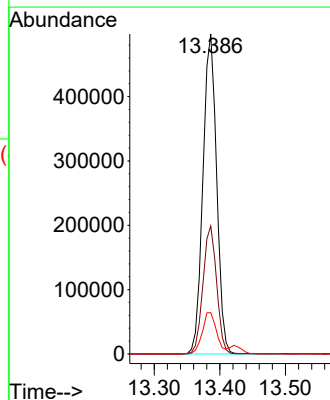
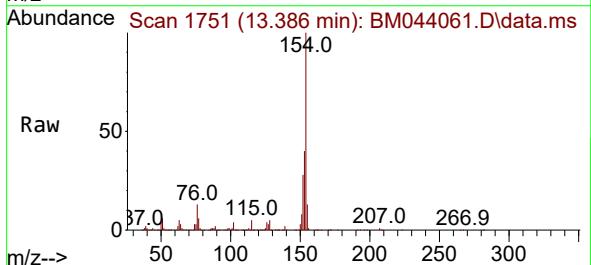
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2023

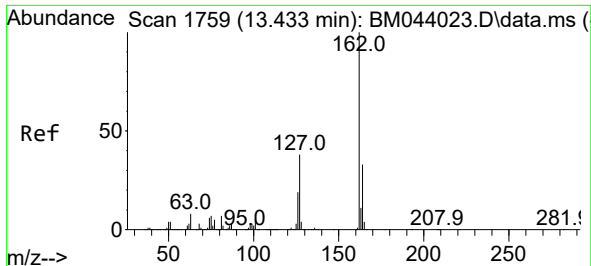
Tgt Ion:172 Resp: 6104663
Ion Ratio Lower Upper
172 100
171 34.8 27.9 41.9
170 23.7 19.0 28.4



#46
1,1'-Biphenyl
Concen: 6.381 ng
RT: 13.386 min Scan# 1751
Delta R.T. -0.006 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

Tgt Ion:154 Resp: 724541
Ion Ratio Lower Upper
154 100
153 40.0 19.4 59.4
76 12.9 0.0 32.9

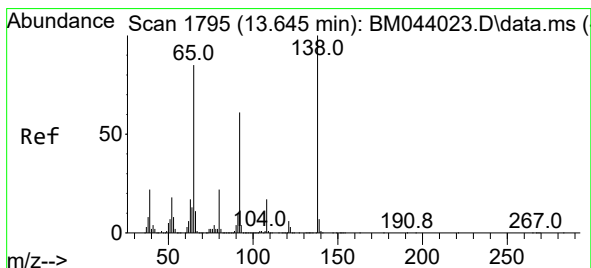
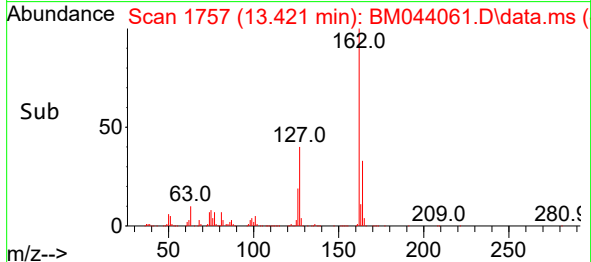
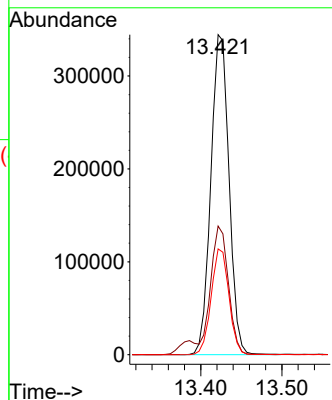
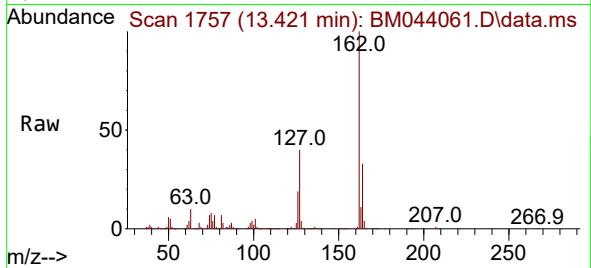




#47
2-Chloronaphthalene
Concen: 5.953 ng
RT: 13.421 min Scan# 1757
Delta R.T. -0.012 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

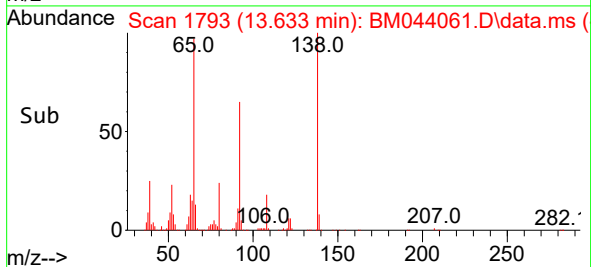
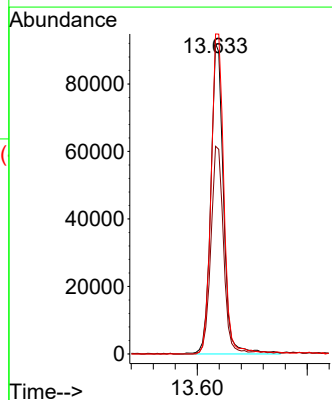
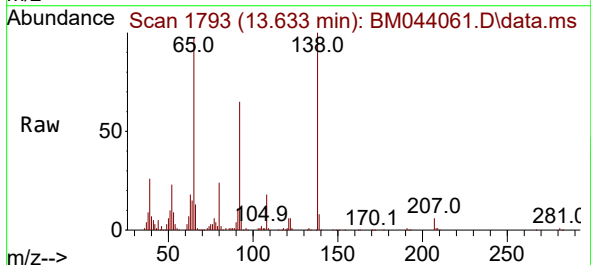
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2023

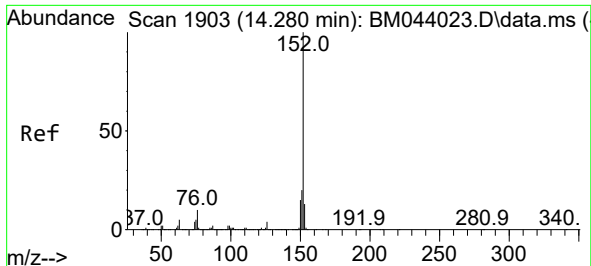
Tgt Ion:162 Resp: 535415
Ion Ratio Lower Upper
162 100
127 40.2 30.9 46.3
164 33.0 26.4 39.6



#48
2-Nitroaniline
Concen: 5.818 ng
RT: 13.633 min Scan# 1793
Delta R.T. -0.012 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

Tgt Ion: 65 Resp: 147213
Ion Ratio Lower Upper
65 100
92 66.9 58.1 87.1
138 103.1 94.6 142.0

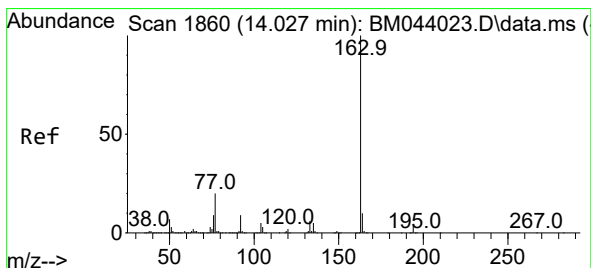
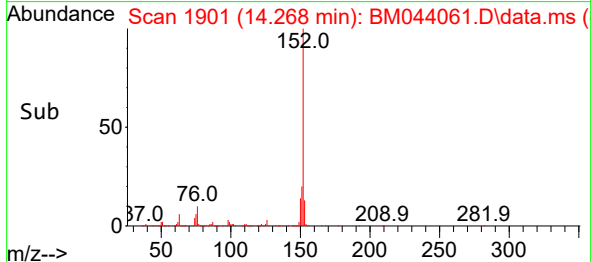
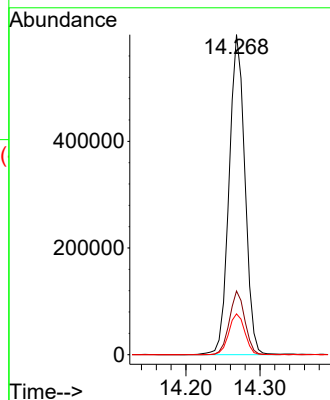
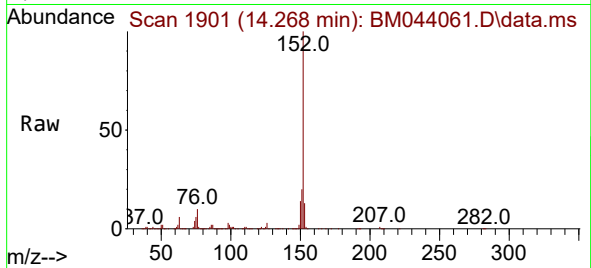




#49
Acenaphthylene
Concen: 6.616 ng
RT: 14.268 min Scan# 1903
Delta R.T. -0.012 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

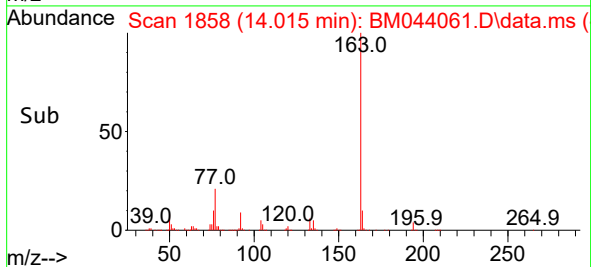
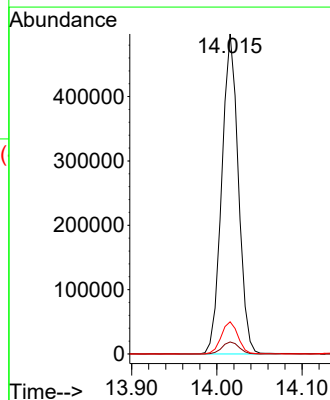
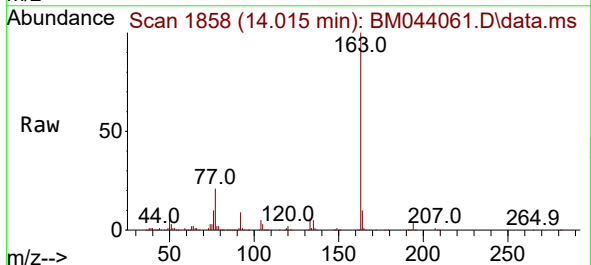
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2023

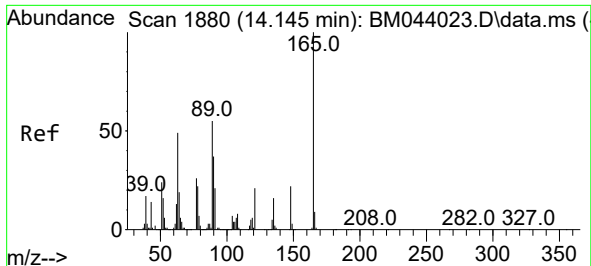
Tgt Ion:152 Resp: 887756
Ion Ratio Lower Upper
152 100
151 19.9 15.8 23.6
153 12.8 10.5 15.7



#50
Dimethylphthalate
Concen: 6.291 ng
RT: 14.015 min Scan# 1858
Delta R.T. -0.012 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

Tgt Ion:163 Resp: 671195
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.0 8.2 12.2

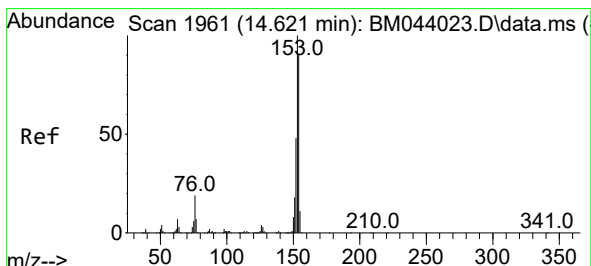
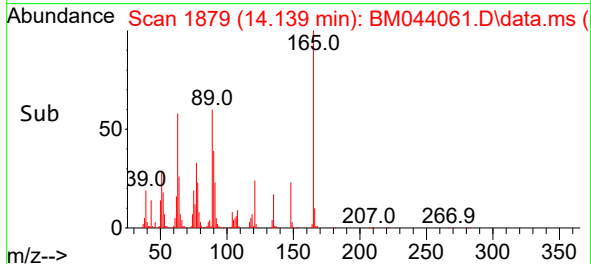
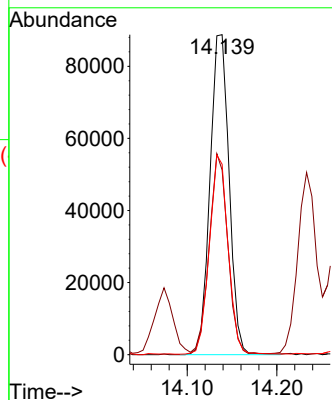
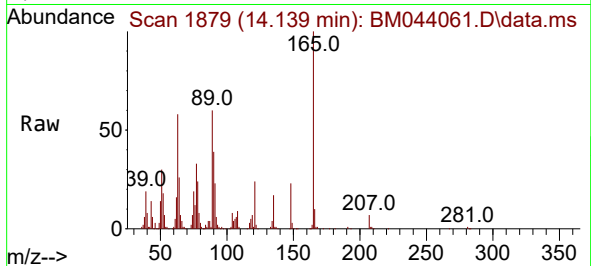




#51
2,6-Dinitrotoluene
Concen: 5.568 ng
RT: 14.139 min Scan# 1880
Delta R.T. -0.006 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

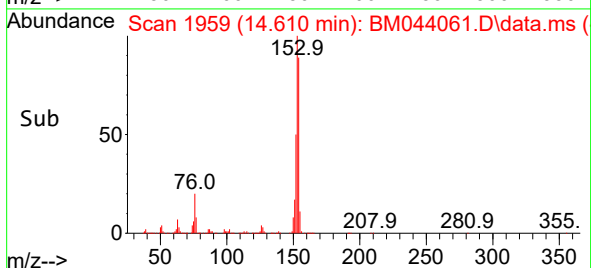
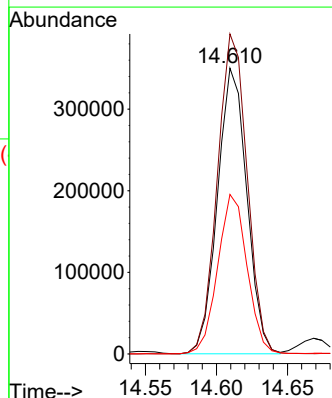
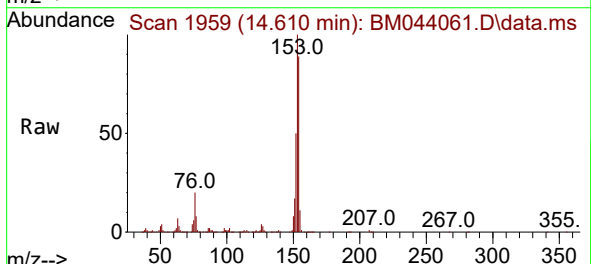
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2023

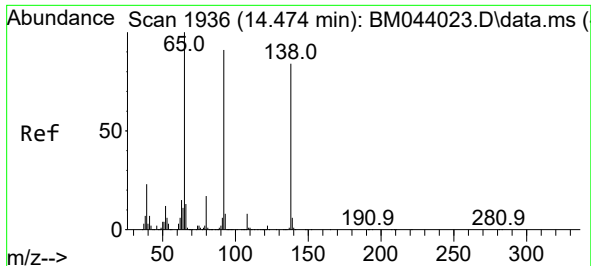
Tgt Ion:165 Resp: 131060
Ion Ratio Lower Upper
165 100
63 57.7 43.5 65.3
89 59.5 44.4 66.6



#52
Acenaphthene
Concen: 6.065 ng
RT: 14.610 min Scan# 1959
Delta R.T. -0.012 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

Tgt Ion:154 Resp: 503731
Ion Ratio Lower Upper
154 100
153 112.0 89.3 133.9
152 55.8 43.0 64.6

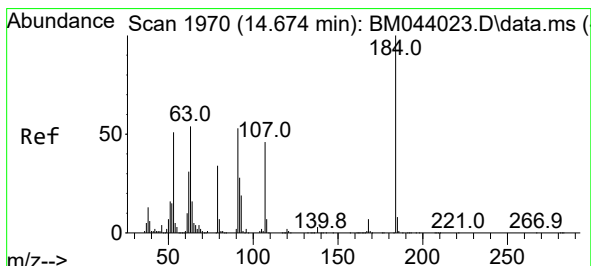
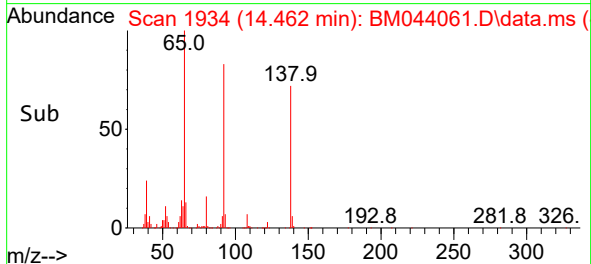
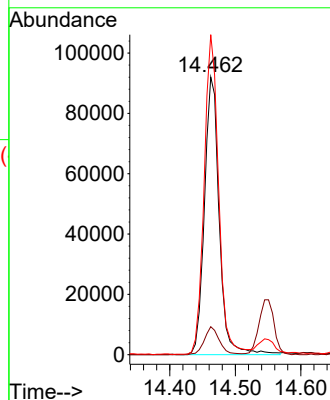
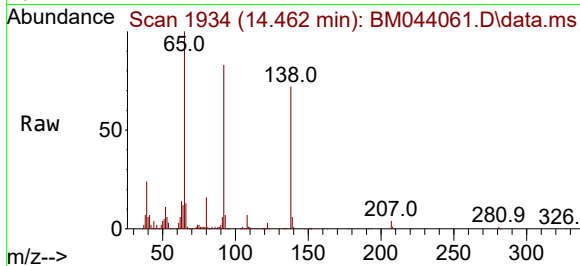




#53
3-Nitroaniline
Concen: 5.728 ng
RT: 14.462 min Scan# 1936
Delta R.T. -0.012 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

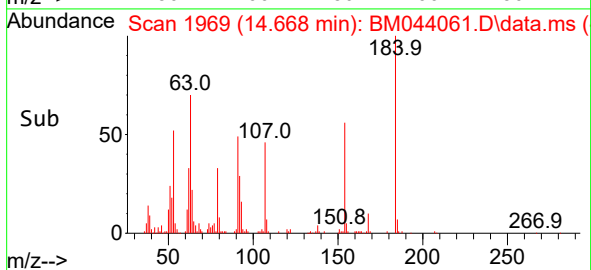
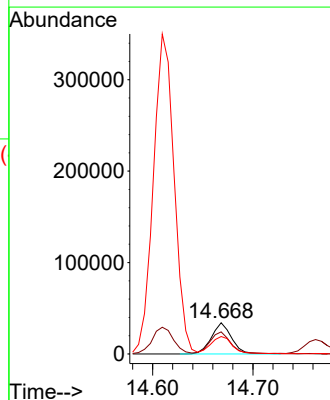
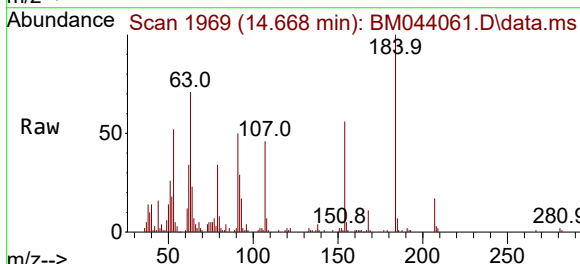
Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT4-2023

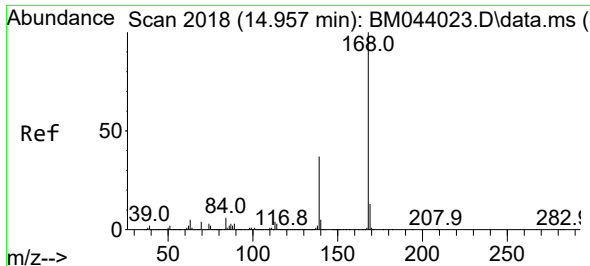
Tgt Ion:138 Resp: 144901
Ion Ratio Lower Upper
138 100
108 10.1 7.6 11.4
92 115.3 86.5 129.7



#54
2,4-Dinitrophenol
Concen: 8.742 ng
RT: 14.668 min Scan# 1969
Delta R.T. -0.006 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

Tgt Ion:184 Resp: 47912
Ion Ratio Lower Upper
184 100
63 70.9 55.4 83.2
154 56.1 49.2 73.8

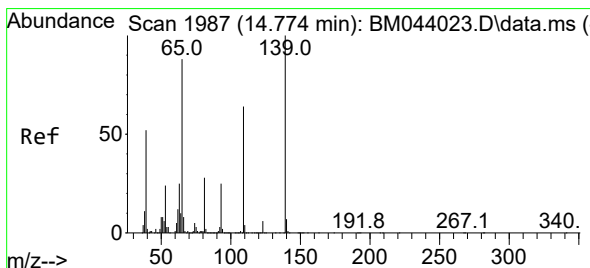
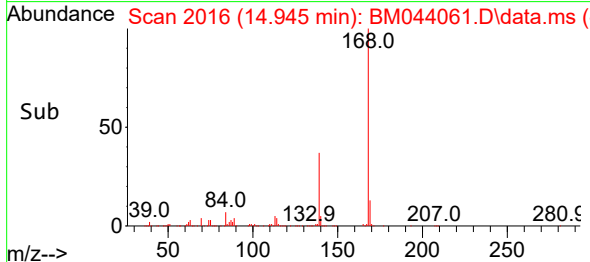
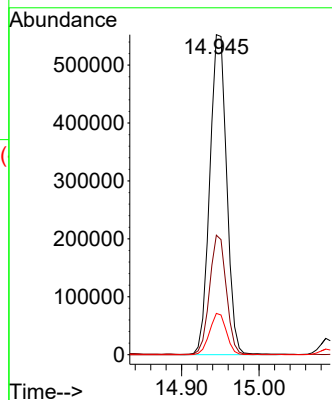
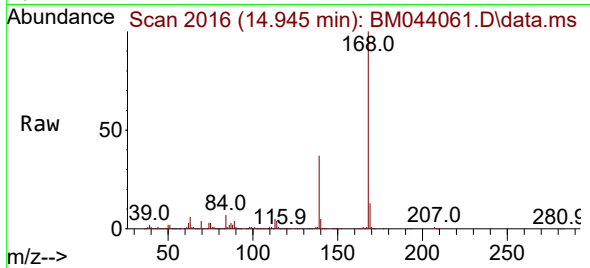




#55
Dibenzenofuran
Concen: 6.506 ng
RT: 14.945 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

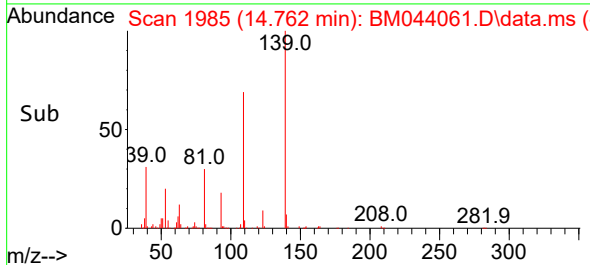
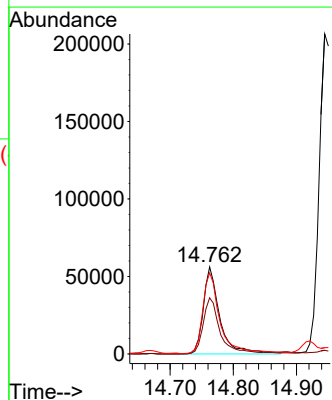
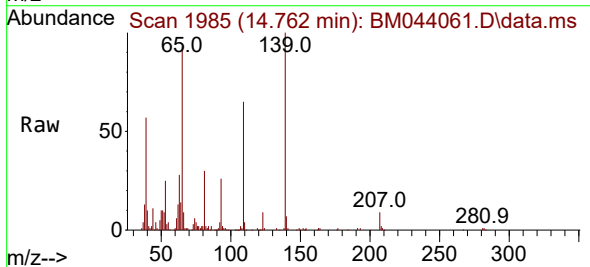
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2023

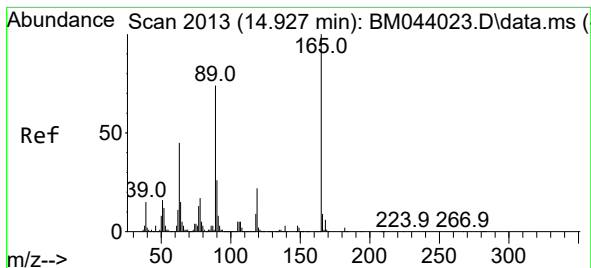
Tgt Ion:168 Resp: 836358
Ion Ratio Lower Upper
168 100
139 37.4 29.6 44.4
169 12.9 10.5 15.7



#56
4-Nitrophenol
Concen: 4.967 ng
RT: 14.762 min Scan# 1985
Delta R.T. -0.012 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

Tgt Ion:139 Resp: 102139
Ion Ratio Lower Upper
139 100
109 64.5 43.8 83.8
65 93.2 67.7 107.7

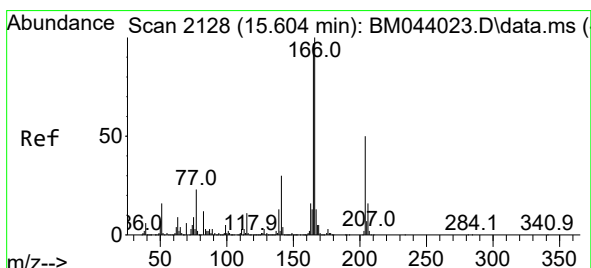
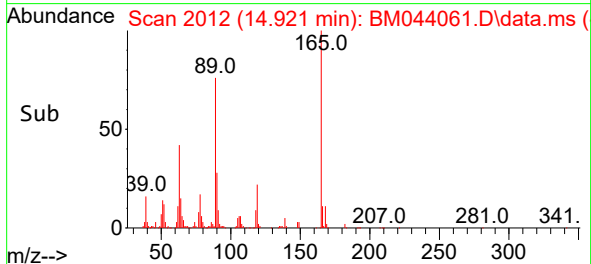
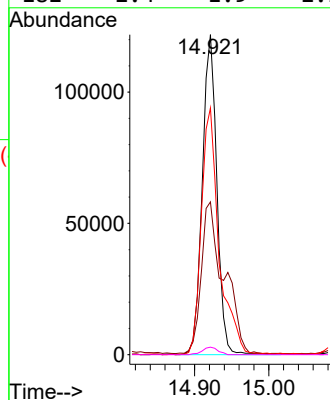
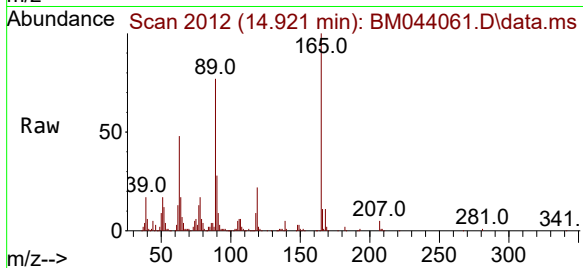




#57
2,4-Dinitrotoluene
Concen: 5.407 ng
RT: 14.921 min Scan# 20
Delta R.T. -0.006 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

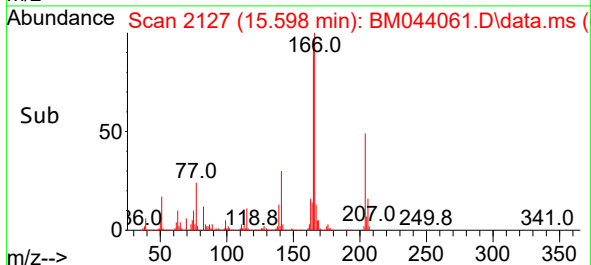
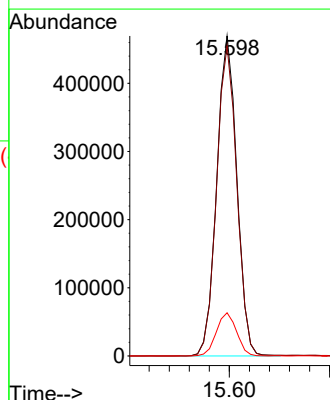
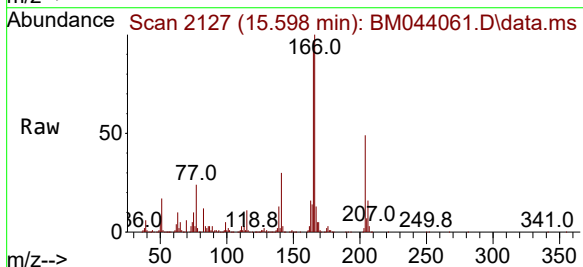
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2023

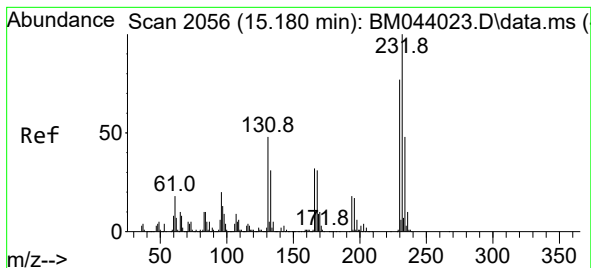
Tgt Ion:165 Resp: 166364
Ion Ratio Lower Upper
165 100
63 47.7 35.9 53.9
89 77.1 58.9 88.3
182 2.4 1.9 2.9



#58
Fluorene
Concen: 6.575 ng
RT: 15.598 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

Tgt Ion:166 Resp: 653112
Ion Ratio Lower Upper
166 100
165 96.9 77.7 116.5
167 13.5 10.7 16.1

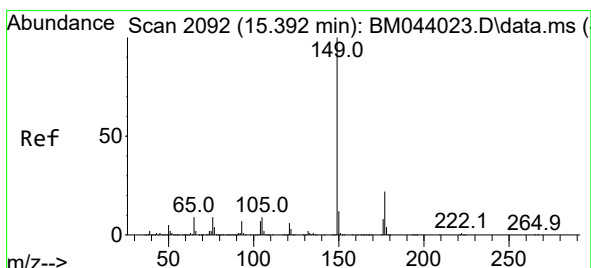
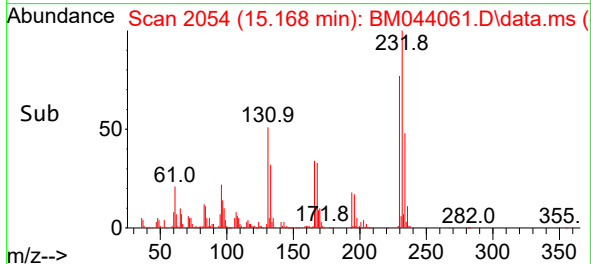
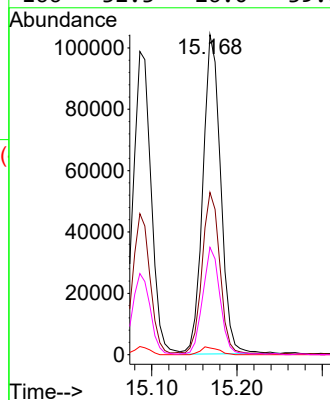
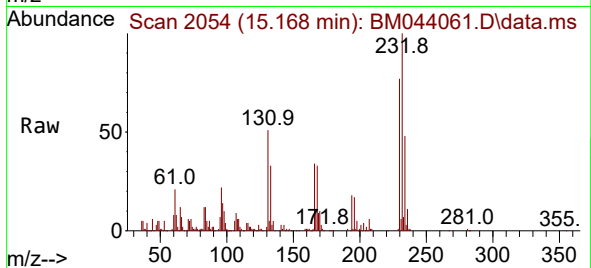




#59
2,3,4,6-Tetrachlorophenol
Concen: 6.170 ng
RT: 15.168 min Scan# 2056
Delta R.T. -0.012 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

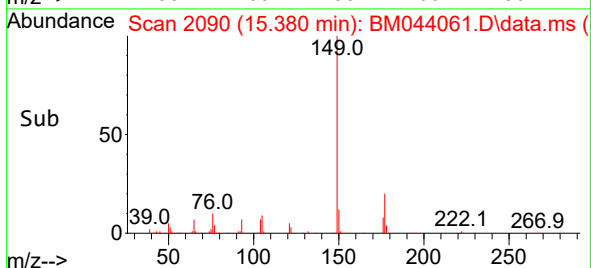
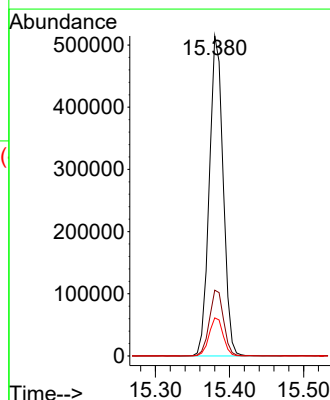
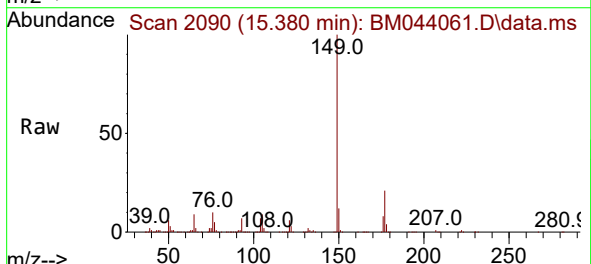
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2023

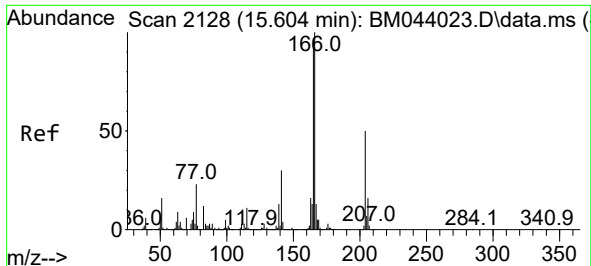
Tgt Ion:232 Resp: 151236
Ion Ratio Lower Upper
232 100
131 50.3 39.5 59.3
130 2.4 2.0 3.0
166 32.3 26.0 39.0



#60
Diethylphthalate
Concen: 6.067 ng
RT: 15.380 min Scan# 2090
Delta R.T. -0.012 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

Tgt Ion:149 Resp: 668933
Ion Ratio Lower Upper
149 100
177 20.6 17.5 26.3
150 11.9 9.8 14.6

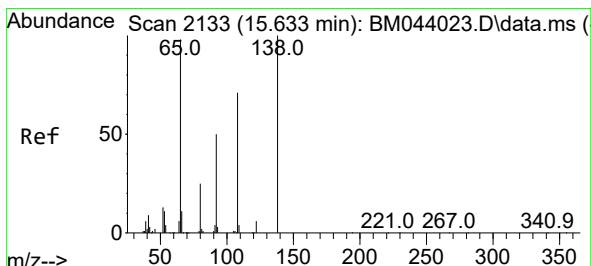
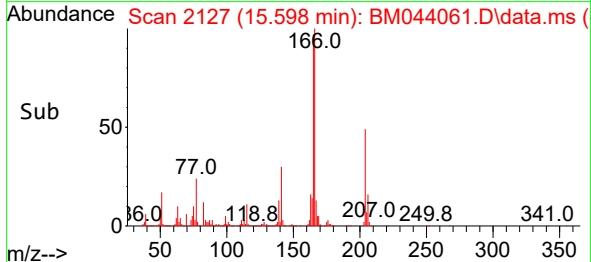
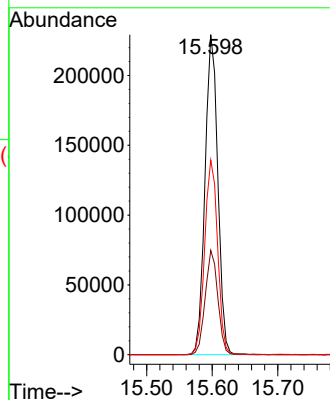
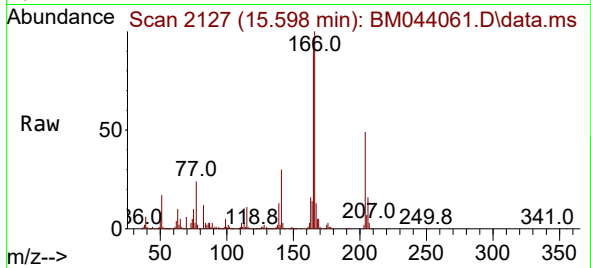




#61
4-Chlorophenyl-phenylether
Concen: 6.484 ng
RT: 15.598 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

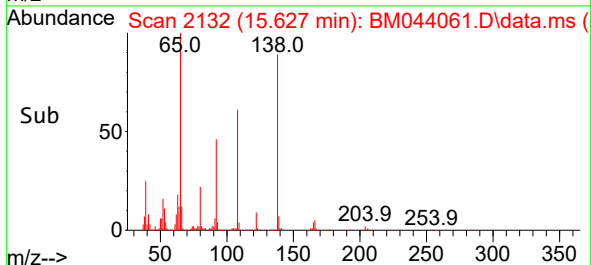
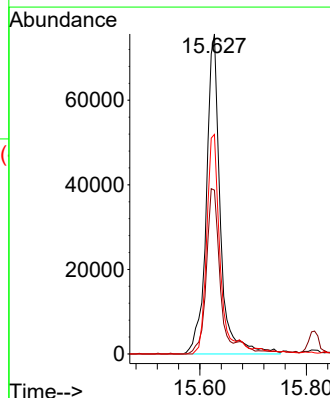
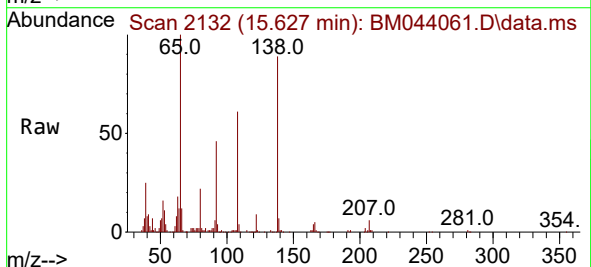
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2023

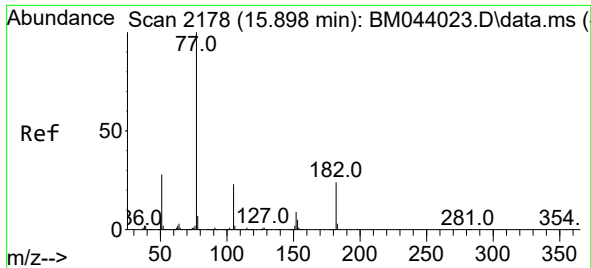
Tgt Ion:204 Resp: 312069
Ion Ratio Lower Upper
204 100
206 32.6 26.3 39.5
141 60.8 47.7 71.5



#62
4-Nitroaniline
Concen: 5.404 ng
RT: 15.627 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

Tgt Ion:138 Resp: 137602
Ion Ratio Lower Upper
138 100
92 51.2 29.6 69.6
108 68.6 47.8 87.8

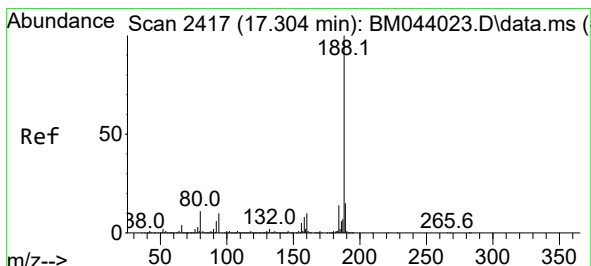
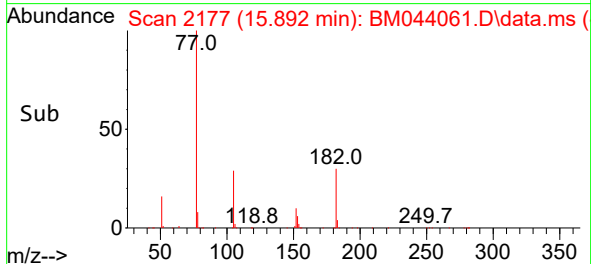
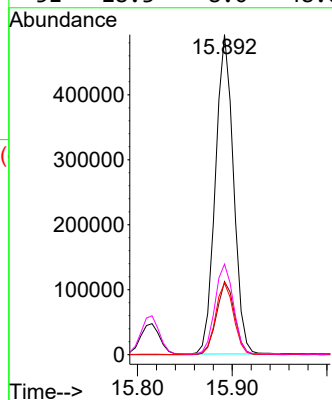
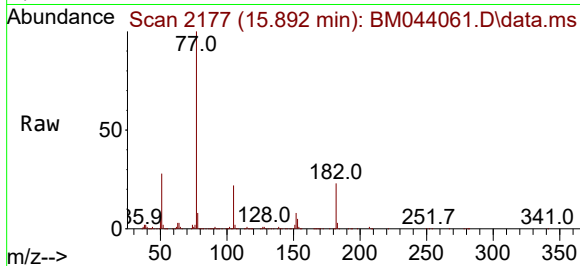




#63
 Azobenzene
 Concen: 6.292 ng
 RT: 15.892 min Scan# 2177
 Delta R.T. -0.006 min
 Lab File: BM044061.D
 Acq: 12 Feb 2024 17:43

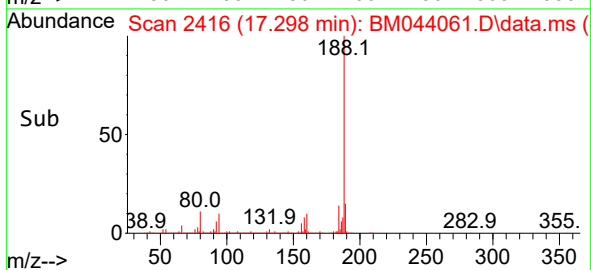
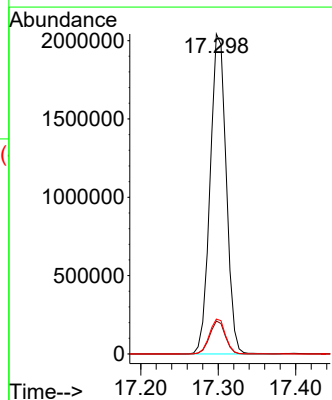
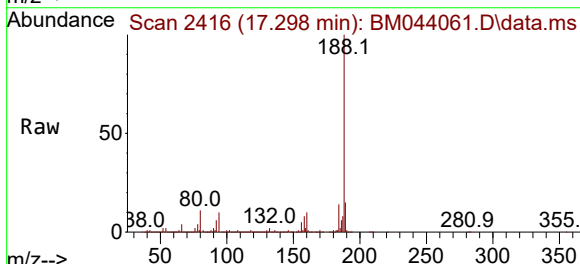
Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT4-2023

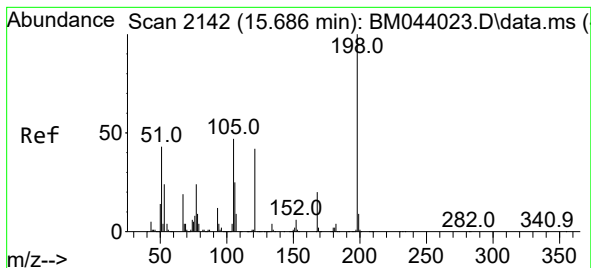
Tgt Ion:	77	Resp:	650907
Ion	Ratio	Lower	Upper
77	100		
182	22.9	4.0	44.0
105	22.3	3.3	43.3
51	28.3	8.0	48.0



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.298 min Scan# 2416
 Delta R.T. -0.006 min
 Lab File: BM044061.D
 Acq: 12 Feb 2024 17:43

Tgt Ion:	188	Resp:	2952447
Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.2	12.2
80	10.9	8.8	13.2





#65

4,6-Dinitro-2-methylphenol

Concen: 4.219 ng

RT: 15.680 min Scan# 2142

Delta R.T. -0.006 min

Lab File: BM044061.D

Acq: 12 Feb 2024 17:43

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2023

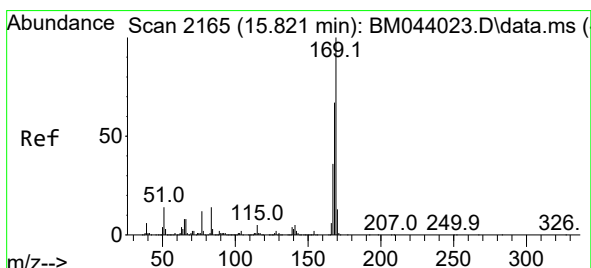
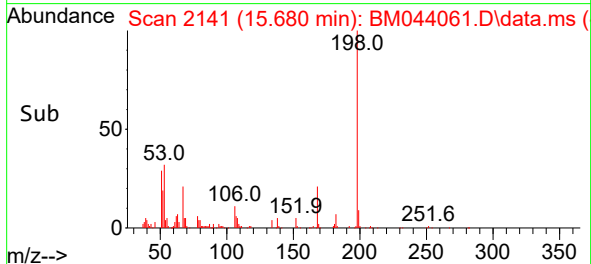
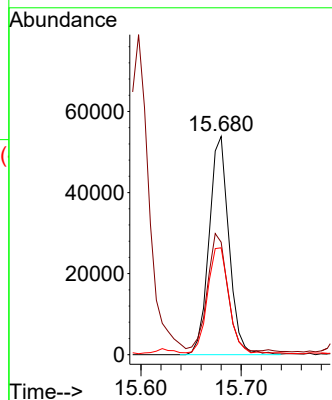
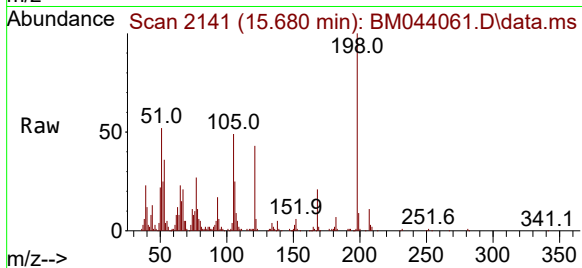
Tgt Ion:198 Resp: 74221

Ion Ratio Lower Upper

198 100

51 51.5 29.9 69.9

105 49.0 28.7 68.7



#66

n-Nitrosodiphenylamine

Concen: 6.144 ng

RT: 15.815 min Scan# 2164

Delta R.T. -0.006 min

Lab File: BM044061.D

Acq: 12 Feb 2024 17:43

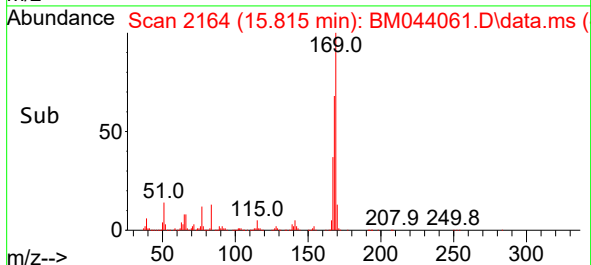
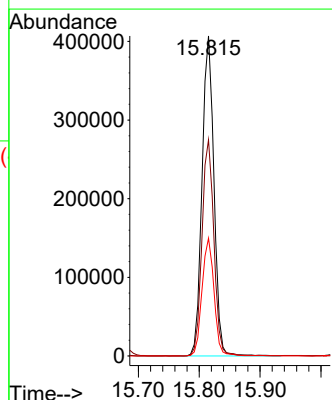
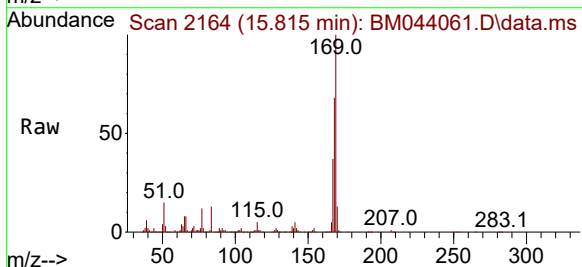
Tgt Ion:169 Resp: 551103

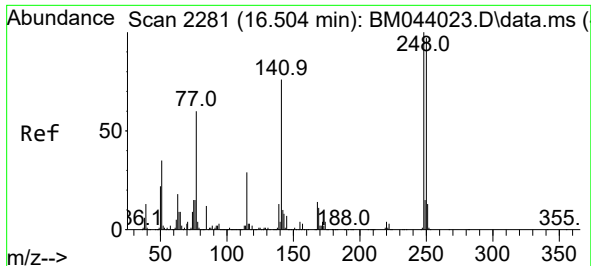
Ion Ratio Lower Upper

169 100

168 67.6 53.8 80.8

167 36.8 29.2 43.8

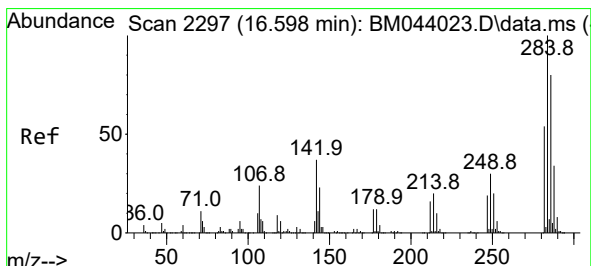
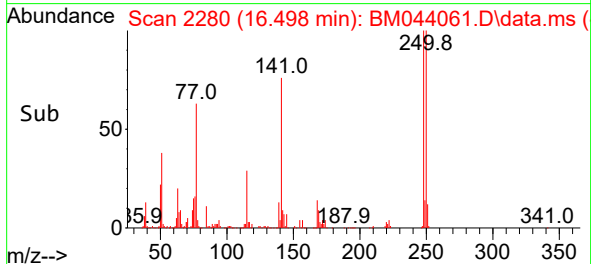
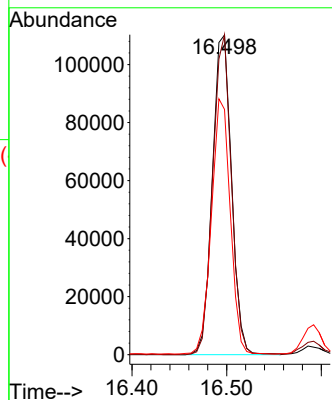
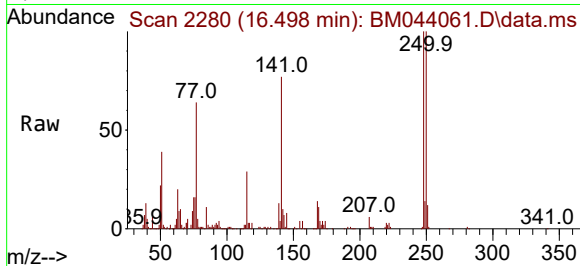




#67
4-Bromophenyl-phenylether
Concen: 5.303 ng
RT: 16.498 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

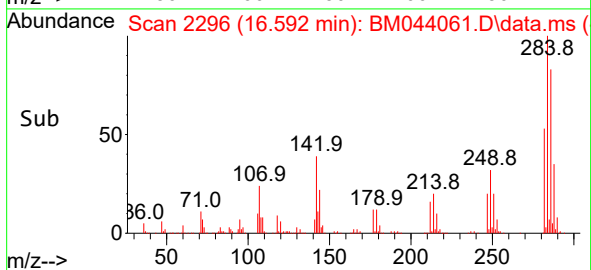
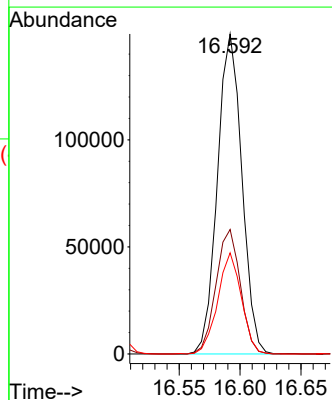
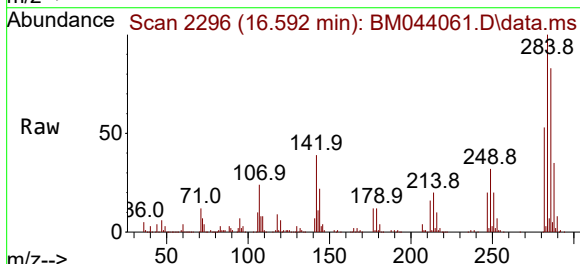
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2023

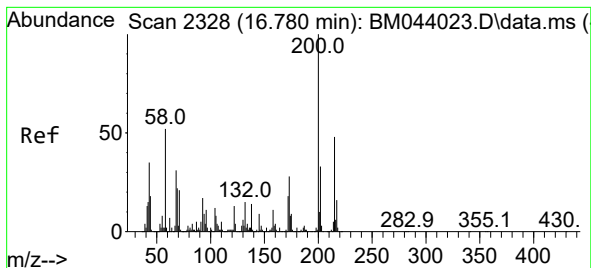
Tgt Ion:248 Resp: 154812
Ion Ratio Lower Upper
248 100
250 100.1 77.4 116.2
141 76.8 61.0 91.6



#68
Hexachlorobenzene
Concen: 5.843 ng
RT: 16.592 min Scan# 2296
Delta R.T. -0.006 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

Tgt Ion:284 Resp: 208919
Ion Ratio Lower Upper
284 100
142 38.9 30.0 45.0
249 31.6 24.1 36.1





#69

Atrazine

Concen: 7.419 ng

RT: 16.774 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM044061.D

Acq: 12 Feb 2024 17:43

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2023

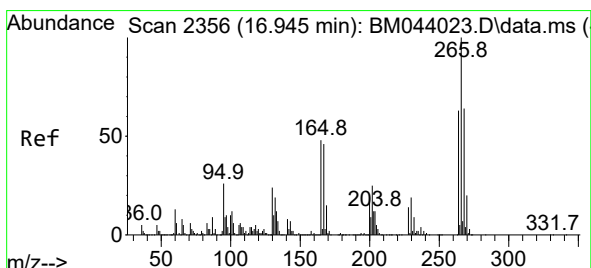
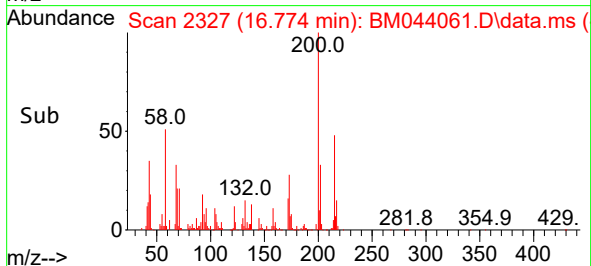
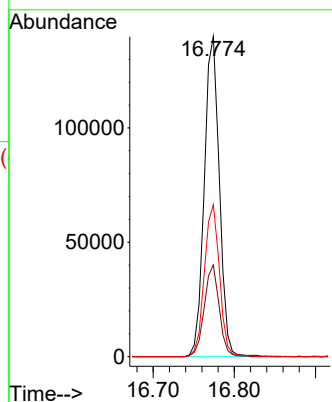
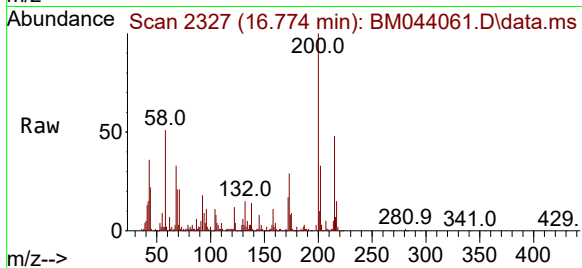
Tgt Ion:200 Resp: 180201

Ion Ratio Lower Upper

200 100

173 28.6 7.9 47.9

215 47.5 27.9 67.9



#70

Pentachlorophenol

Concen: 4.640 ng

RT: 16.939 min Scan# 2355

Delta R.T. -0.006 min

Lab File: BM044061.D

Acq: 12 Feb 2024 17:43

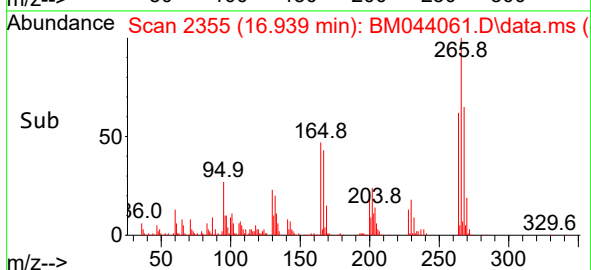
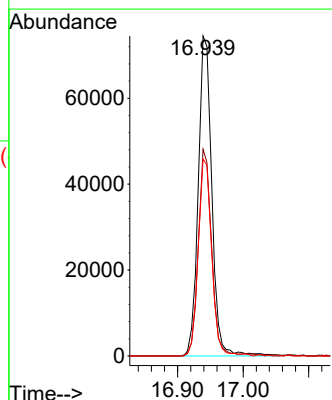
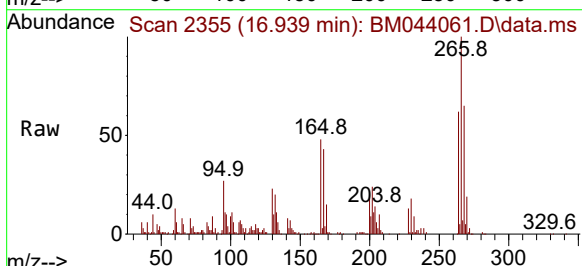
Tgt Ion:266 Resp: 107930

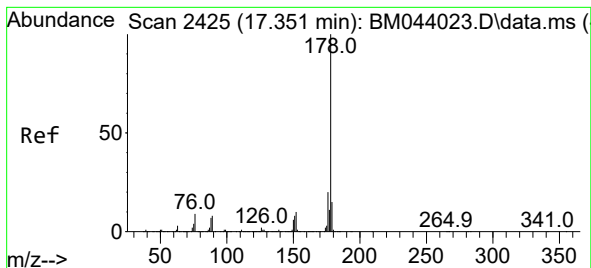
Ion Ratio Lower Upper

266 100

268 64.6 51.1 76.7

264 61.6 50.5 75.7





#71

Phenanthrene

Concen: 6.428 ng

RT: 17.345 min Scan# 2425

Delta R.T. -0.006 min

Lab File: BM044061.D

Acq: 12 Feb 2024 17:43

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2023

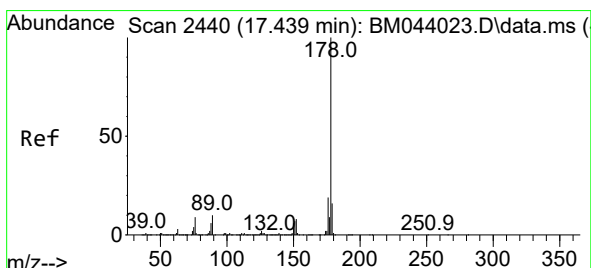
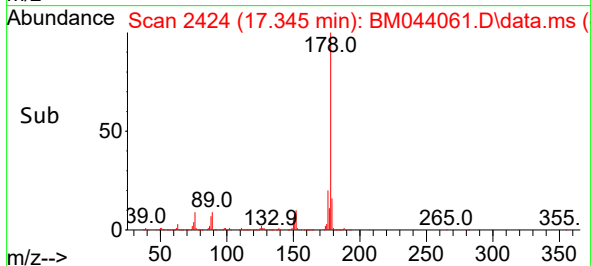
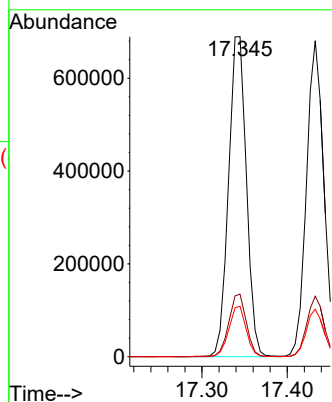
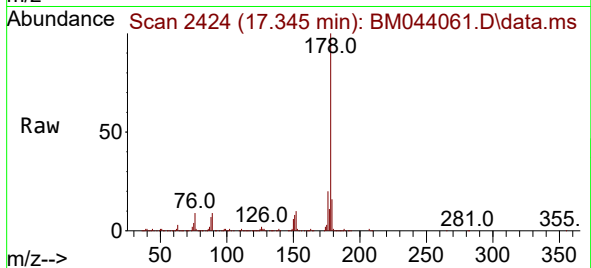
Tgt Ion:178 Resp: 1002113

Ion Ratio Lower Upper

178 100

176 19.5 15.6 23.4

179 15.8 12.2 18.4



#72

Anthracene

Concen: 6.287 ng

RT: 17.433 min Scan# 2439

Delta R.T. -0.006 min

Lab File: BM044061.D

Acq: 12 Feb 2024 17:43

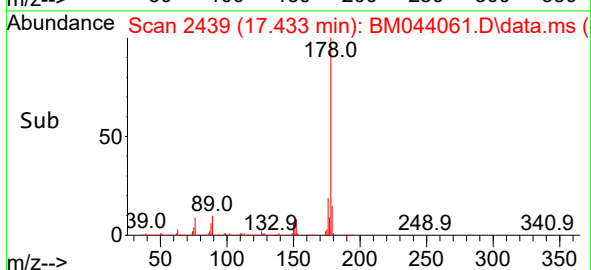
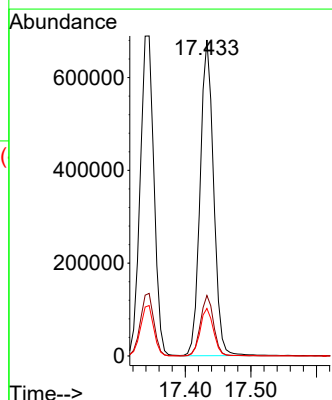
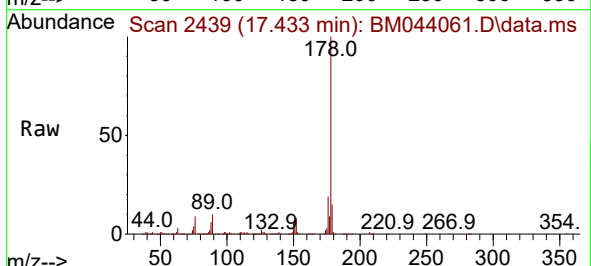
Tgt Ion:178 Resp: 970372

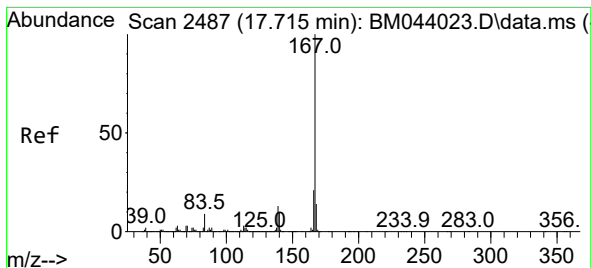
Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

179 15.0 12.4 18.6





#73

Carbazole

Concen: 6.065 ng

RT: 17.709 min Scan# 2486

Delta R.T. -0.006 min

Lab File: BM044061.D

Acq: 12 Feb 2024 17:43

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2023

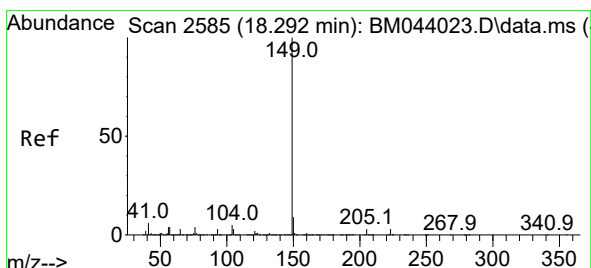
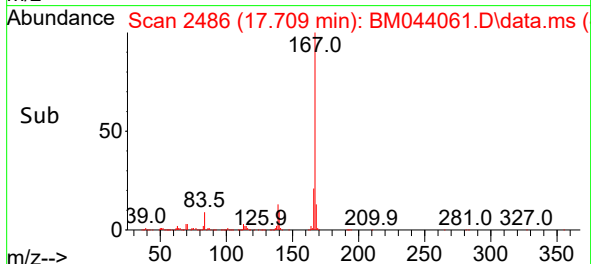
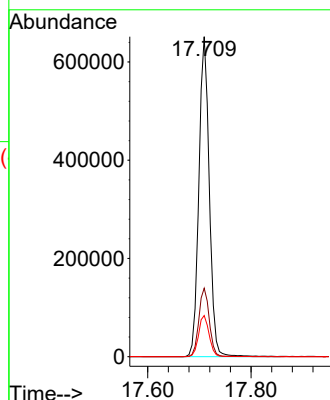
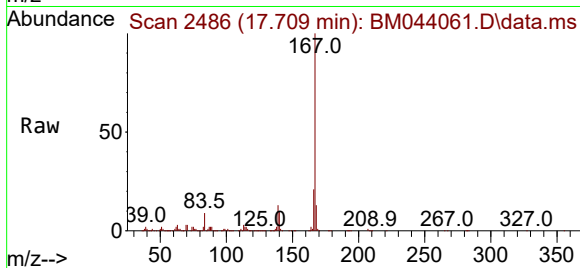
Tgt Ion:167 Resp: 910323

Ion Ratio Lower Upper

167 100

166 21.4 16.8 25.2

139 12.8 10.4 15.6



#74

Di-n-butylphthalate

Concen: 5.615 ng

RT: 18.286 min Scan# 2584

Delta R.T. -0.006 min

Lab File: BM044061.D

Acq: 12 Feb 2024 17:43

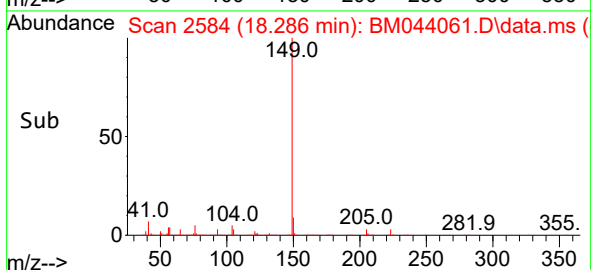
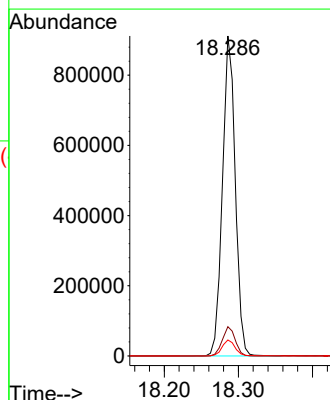
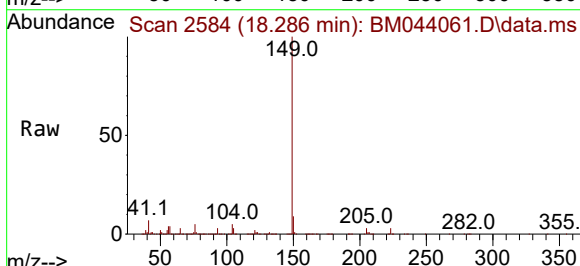
Tgt Ion:149 Resp: 1095463

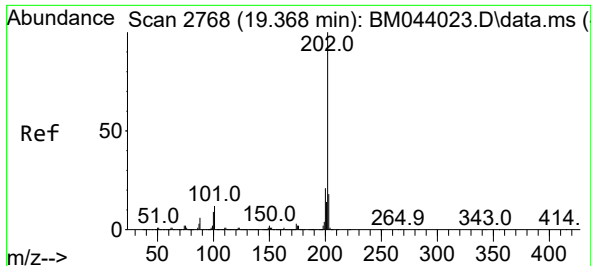
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

104 5.0 3.8 5.6

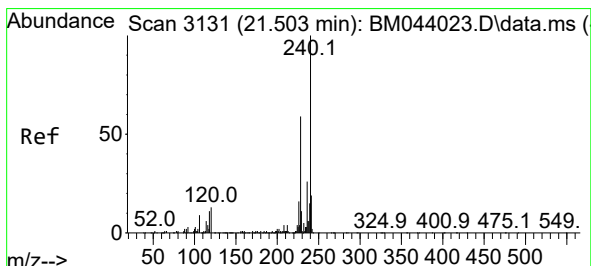
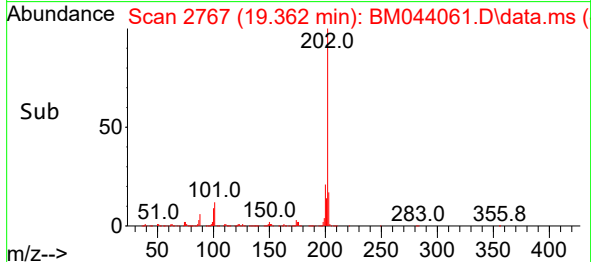
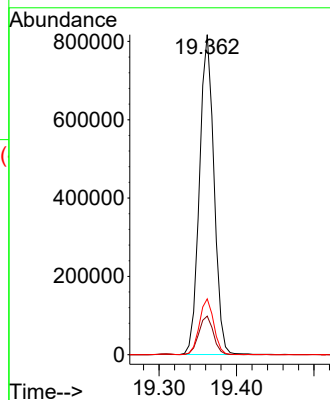
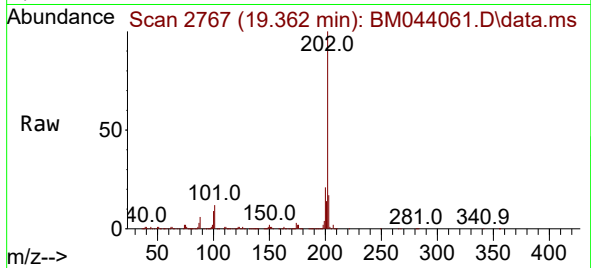




#75
Fluoranthene
Concen: 6.063 ng
RT: 19.362 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

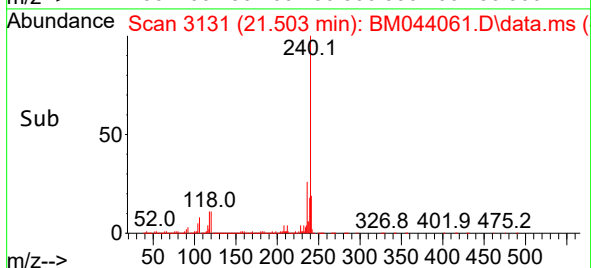
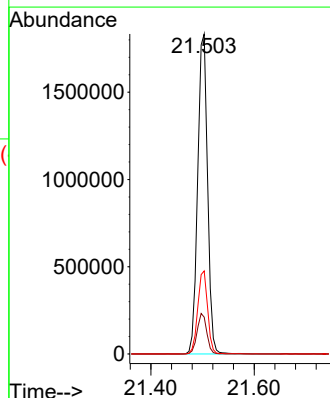
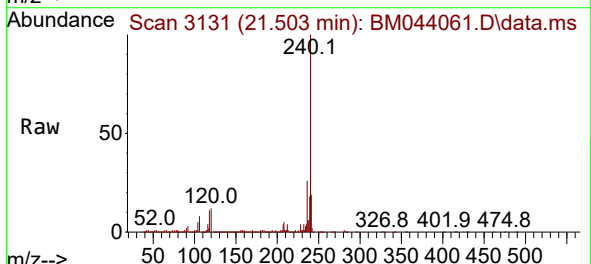
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2023

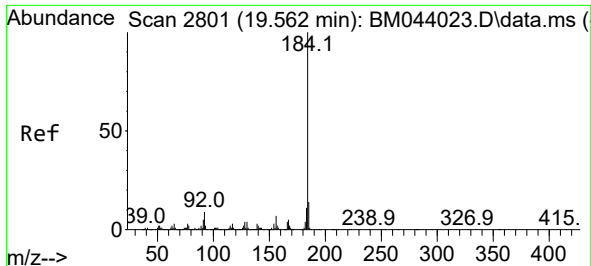
Tgt Ion:202 Resp: 1061743
Ion Ratio Lower Upper
202 100
101 12.0 0.0 32.4
203 17.5 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.503 min Scan# 3131
Delta R.T. -0.000 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

Tgt Ion:240 Resp: 2428483
Ion Ratio Lower Upper
240 100
120 11.5 10.1 15.1
236 26.0 20.6 31.0

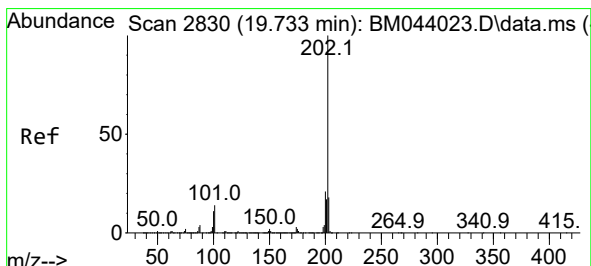
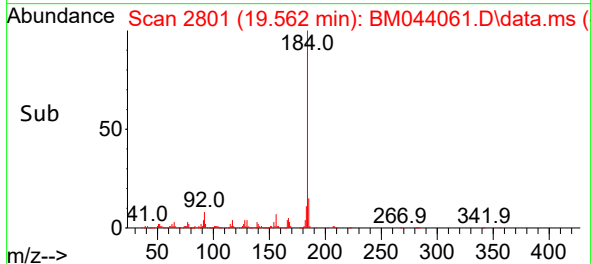
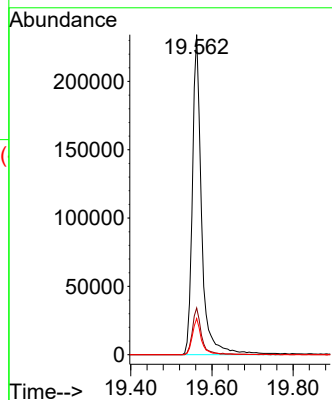
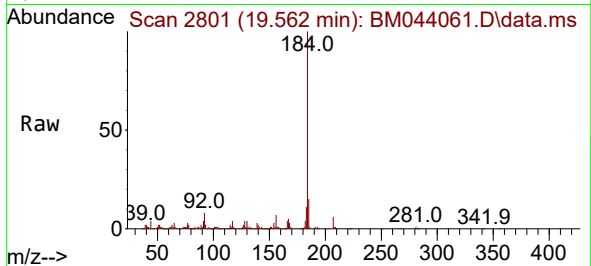




#77
Benzidine
Concen: 9.814 ng
RT: 19.562 min Scan# 2801
Delta R.T. -0.000 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

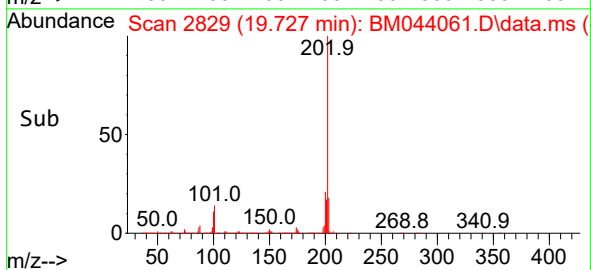
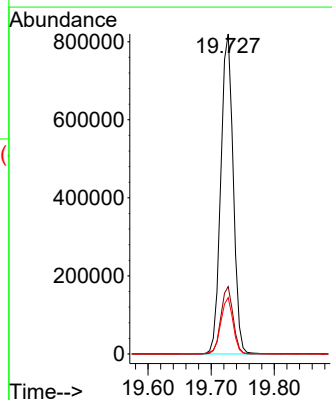
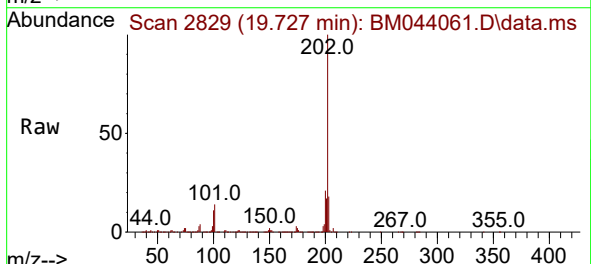
Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT4-2023

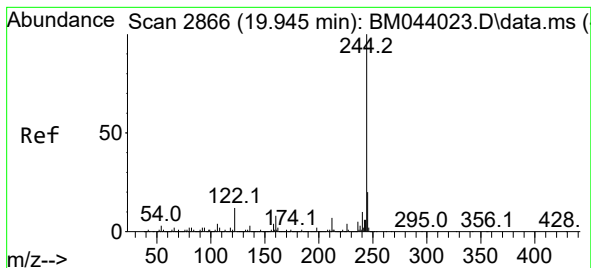
Tgt Ion:184 Resp: 370374
Ion Ratio Lower Upper
184 100
185 14.6 11.0 16.6
183 11.3 9.0 13.4



#78
Pyrene
Concen: 5.985 ng
RT: 19.727 min Scan# 2829
Delta R.T. -0.006 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

Tgt Ion:202 Resp: 1119451
Ion Ratio Lower Upper
202 100
200 21.1 16.8 25.2
203 17.6 14.0 21.0





#79

Terphenyl-d14

Concen: 60.062 ng

RT: 19.944 min Scan# 2

Delta R.T. -0.000 min

Lab File: BM044061.D

Acq: 12 Feb 2024 17:43

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2023

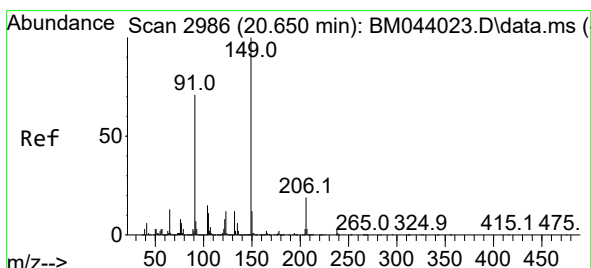
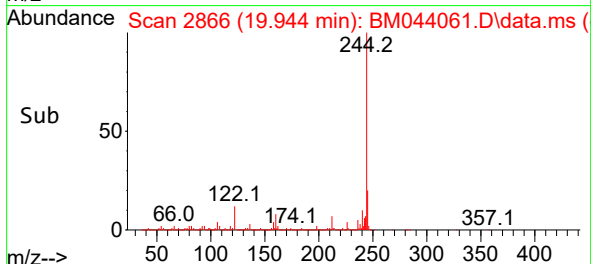
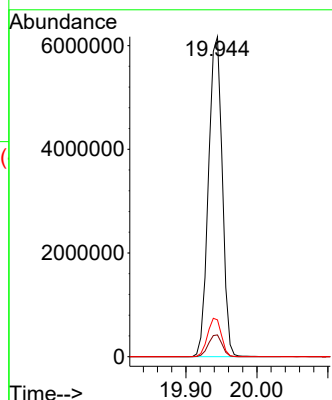
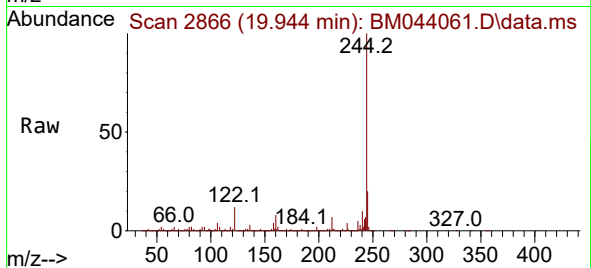
Tgt Ion:244 Resp: 8320376

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

122 11.5 9.5 14.3



#80

Butylbenzylphthalate

Concen: 5.099 ng

RT: 20.650 min Scan# 2986

Delta R.T. -0.000 min

Lab File: BM044061.D

Acq: 12 Feb 2024 17:43

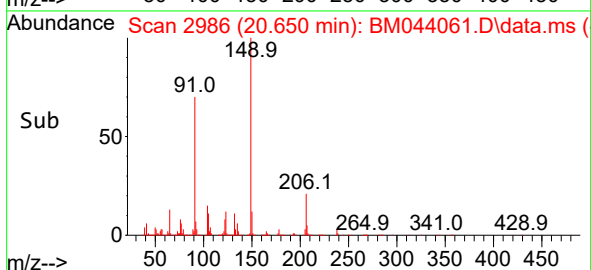
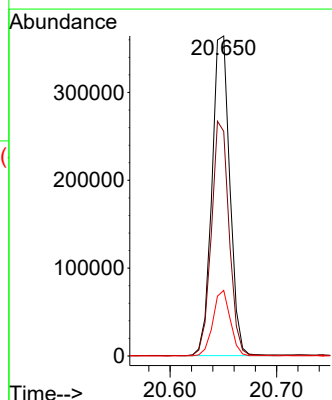
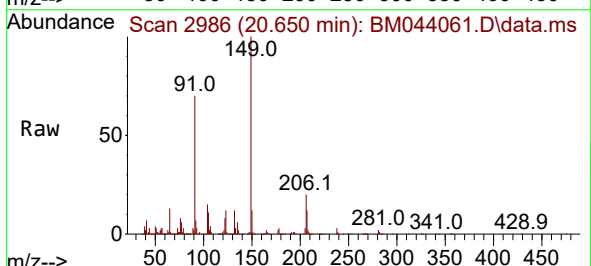
Tgt Ion:149 Resp: 423927

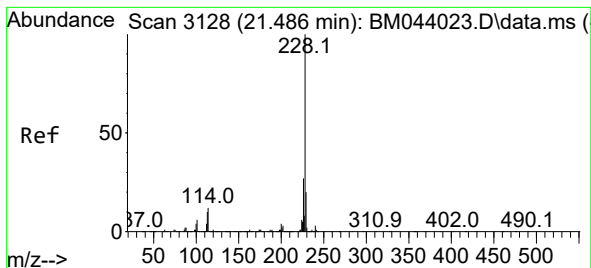
Ion Ratio Lower Upper

149 100

91 70.2 56.8 85.2

206 20.5 15.0 22.6





#81

Benzo(a)anthracene

Concen: 6.128 ng

RT: 21.486 min Scan# 3128

Delta R.T. -0.000 min

Lab File: BM044061.D

Acq: 12 Feb 2024 17:43

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2023

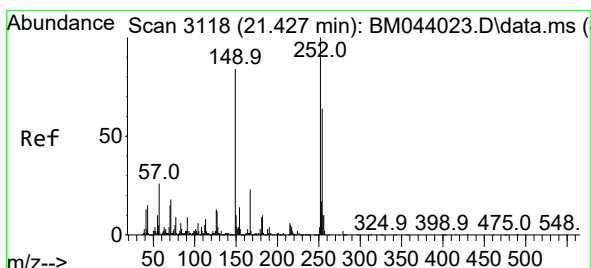
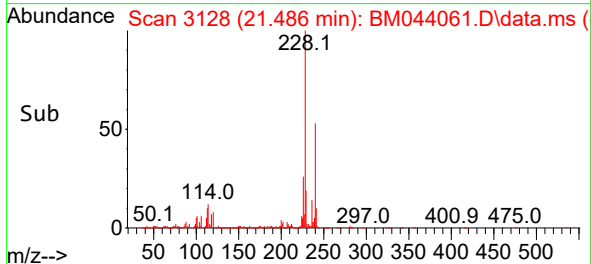
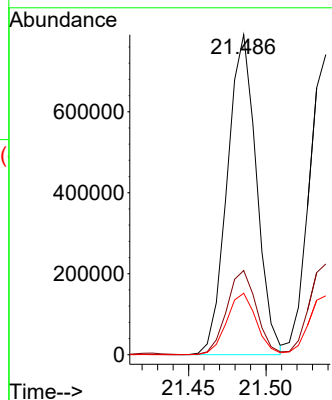
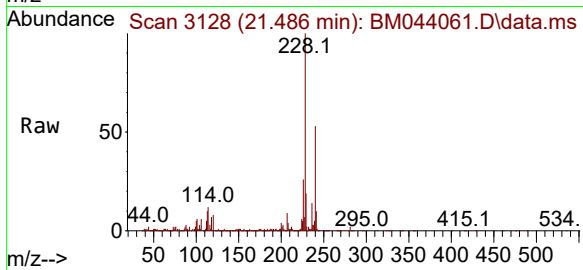
Tgt Ion:228 Resp: 1035132

Ion Ratio Lower Upper

228 100

226 26.3 21.4 32.2

229 19.2 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 5.859 ng

RT: 21.427 min Scan# 3118

Delta R.T. -0.000 min

Lab File: BM044061.D

Acq: 12 Feb 2024 17:43

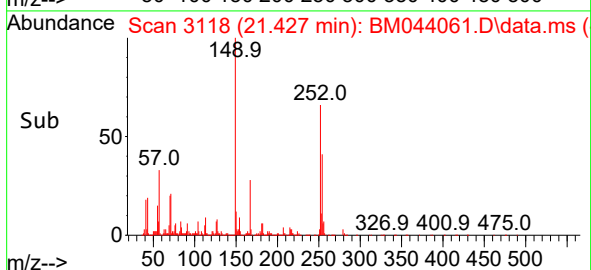
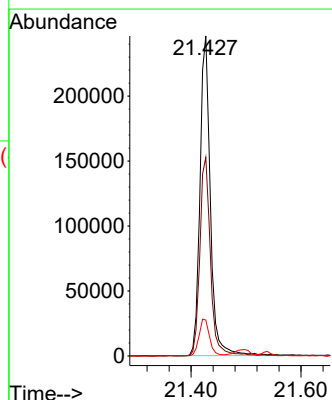
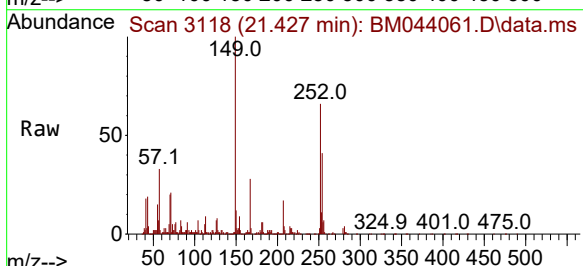
Tgt Ion:252 Resp: 324721

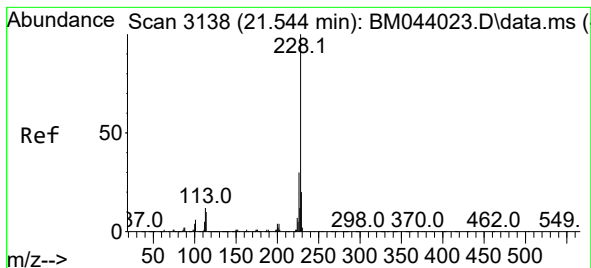
Ion Ratio Lower Upper

252 100

254 62.0 51.2 76.8

126 11.3 10.2 15.4





#83

Chrysene

Concen: 6.001 ng

RT: 21.538 min Scan# 3119

Delta R.T. -0.006 min

Lab File: BM044061.D

Acq: 12 Feb 2024 17:43

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2023

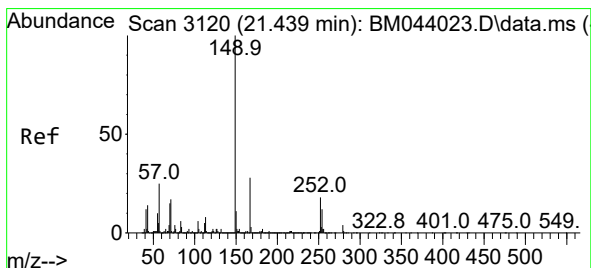
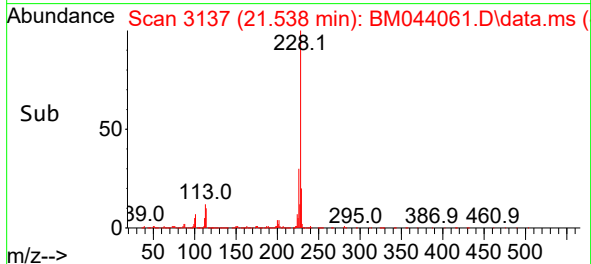
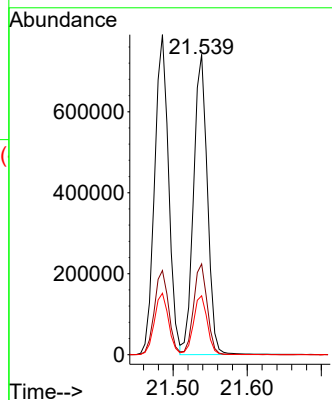
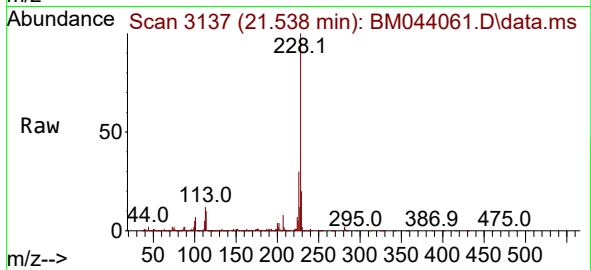
Tgt Ion:228 Resp: 957688

Ion Ratio Lower Upper

228 100

226 30.2 24.2 36.2

229 19.6 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 5.354 ng

RT: 21.433 min Scan# 3119

Delta R.T. -0.006 min

Lab File: BM044061.D

Acq: 12 Feb 2024 17:43

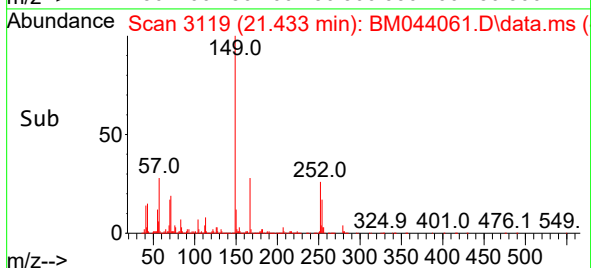
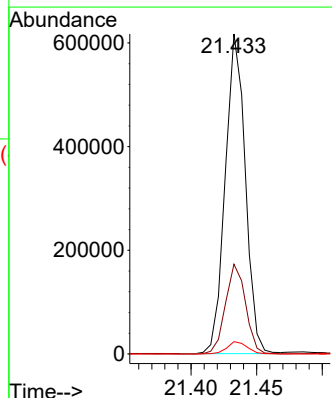
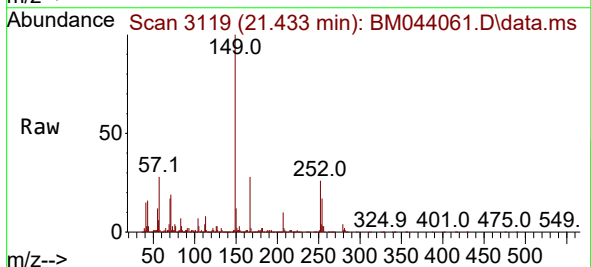
Tgt Ion:149 Resp: 656700

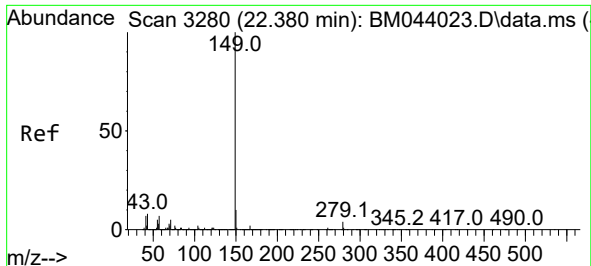
Ion Ratio Lower Upper

149 100

167 28.1 22.6 33.8

279 3.9 3.1 4.7

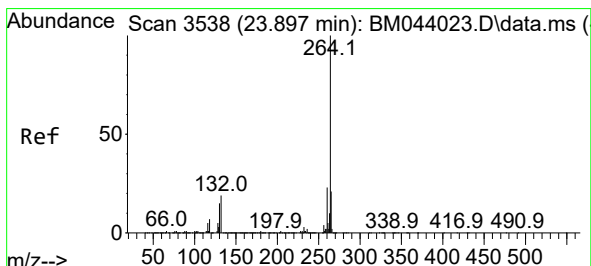
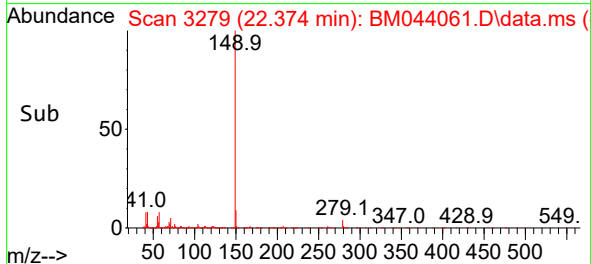
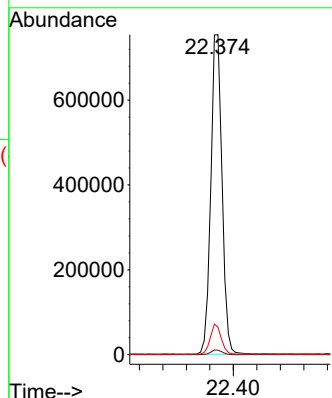
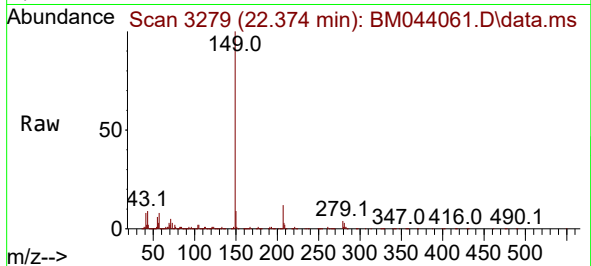




#85
Di-n-octyl phthalate
Concen: 4.660 ng
RT: 22.374 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

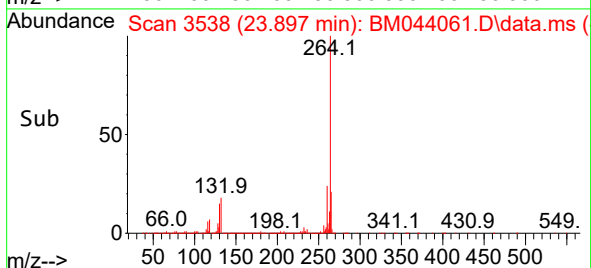
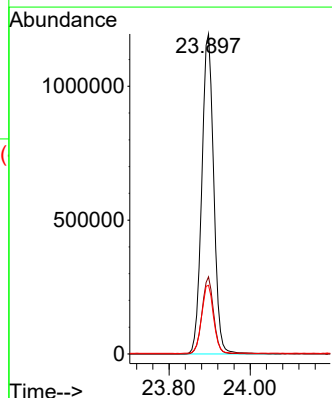
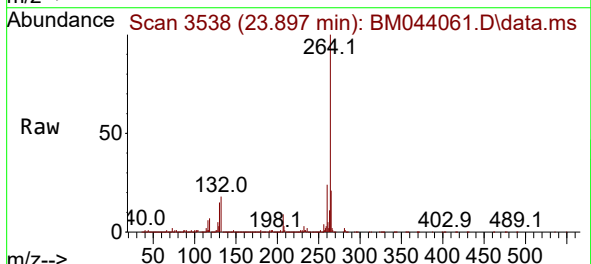
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2023

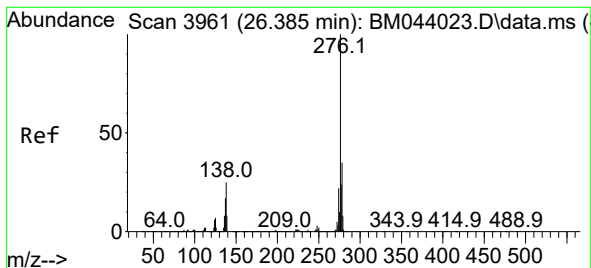
Tgt Ion:149 Resp: 998263
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.4 7.0 10.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.897 min Scan# 3538
Delta R.T. -0.000 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

Tgt Ion:264 Resp: 2442312
Ion Ratio Lower Upper
264 100
260 24.1 18.8 28.2
265 21.4 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 5.244 ng

RT: 26.373 min Scan# 3959

Delta R.T. -0.012 min

Lab File: BM044061.D

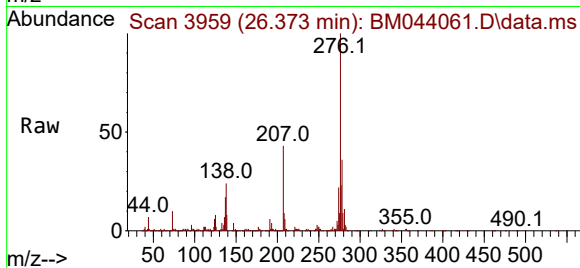
Acq: 12 Feb 2024 17:43

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2023



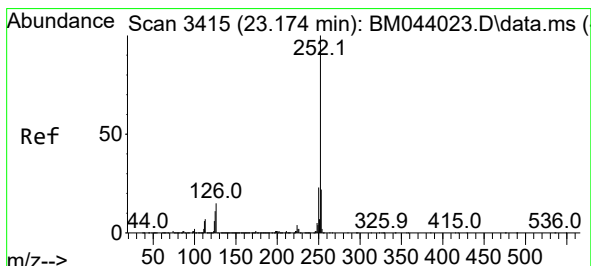
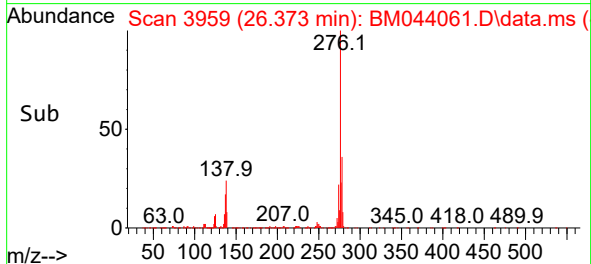
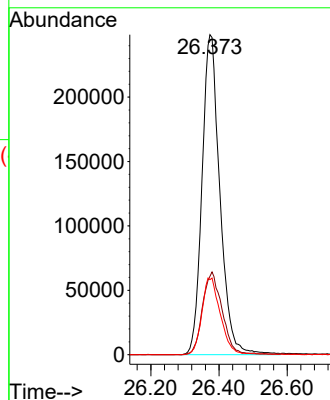
Tgt Ion:276 Resp: 906474

Ion Ratio Lower Upper

276 100

138 28.1 22.6 34.0

277 24.9 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 6.078 ng

RT: 23.168 min Scan# 3414

Delta R.T. -0.006 min

Lab File: BM044061.D

Acq: 12 Feb 2024 17:43

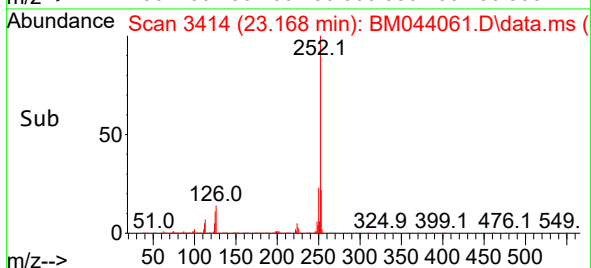
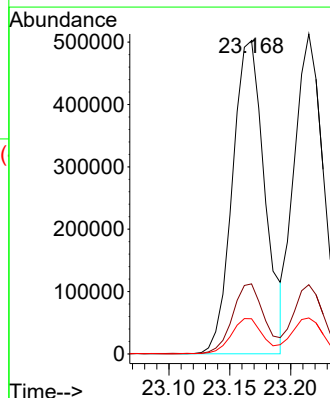
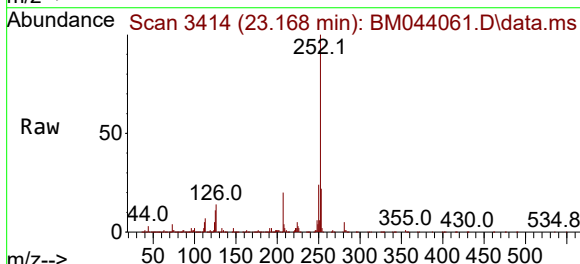
Tgt Ion:252 Resp: 927868

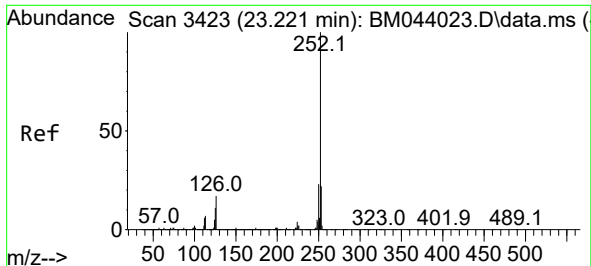
Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

125 11.3 8.8 13.2





#89

Benzo(k)fluoranthene

Concen: 6.015 ng

RT: 23.215 min Scan# 34

Delta R.T. -0.006 min

Lab File: BM044061.D

Acq: 12 Feb 2024 17:43

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2023

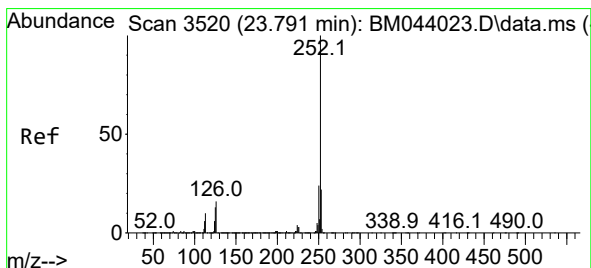
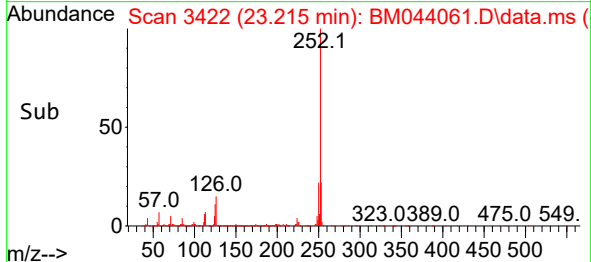
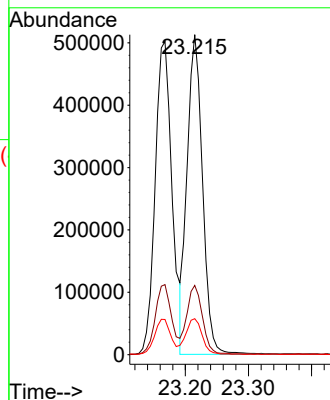
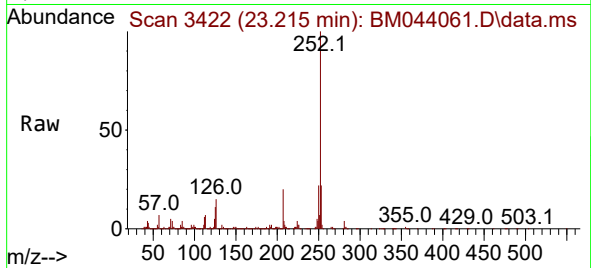
Tgt Ion:252 Resp: 872548

Ion Ratio Lower Upper

252 100

253 21.7 17.7 26.5

125 11.2 9.0 13.4



#90

Benzo(a)pyrene

Concen: 5.627 ng

RT: 23.785 min Scan# 3519

Delta R.T. -0.006 min

Lab File: BM044061.D

Acq: 12 Feb 2024 17:43

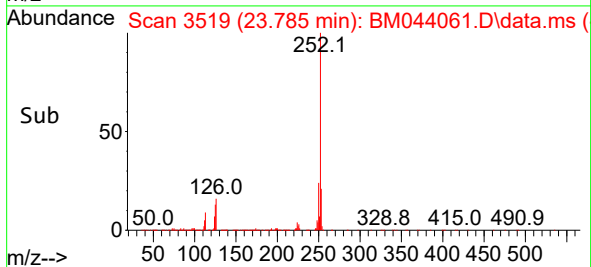
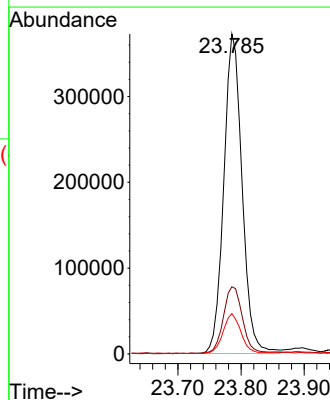
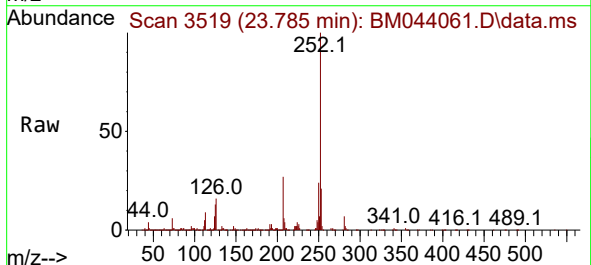
Tgt Ion:252 Resp: 750329

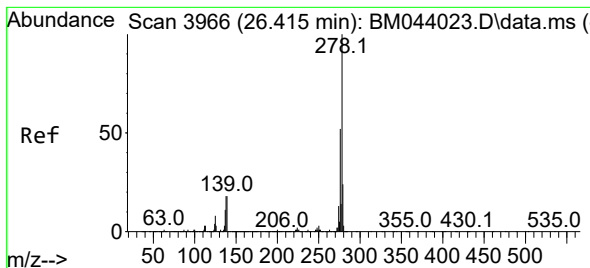
Ion Ratio Lower Upper

252 100

253 21.0 17.7 26.5

125 12.6 10.1 15.1





#91

Dibenzo(a,h)anthracene

Concen: 5.297 ng

RT: 26.403 min Scan# 3966

Delta R.T. -0.012 min

Lab File: BM044061.D

Acq: 12 Feb 2024 17:43

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2023

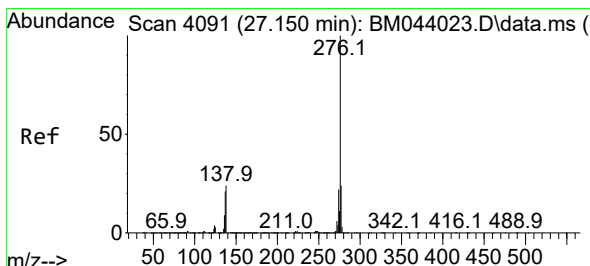
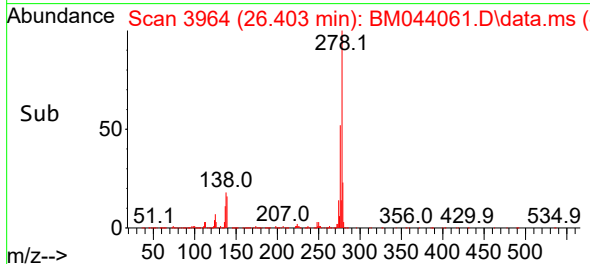
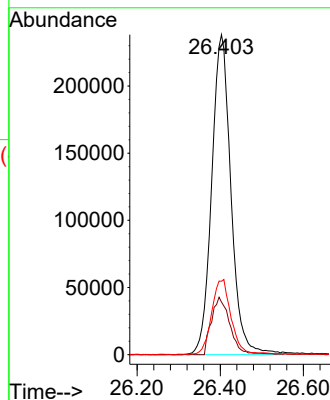
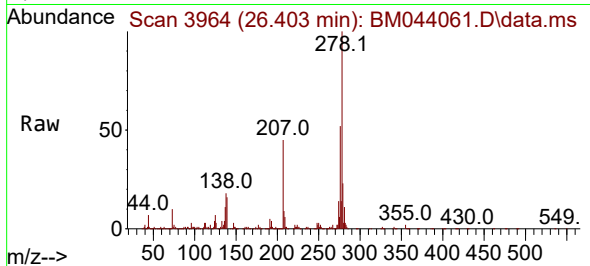
Tgt Ion:278 Resp: 765875

Ion Ratio Lower Upper

278 100

139 16.4 14.5 21.7

279 23.0 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 4.971 ng

RT: 27.132 min Scan# 4088

Delta R.T. -0.018 min

Lab File: BM044061.D

Acq: 12 Feb 2024 17:43

Tgt Ion:276 Resp: 728979

Ion Ratio Lower Upper

276 100

277 23.2 19.0 28.4

138 24.6 19.1 28.7

