

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020924\
 Data File : BM044044.D
 Acq On : 09 Feb 2024 17:54
 Operator : MA/JU
 Sample : P1187-07
 Misc : LOD-MDL-WATER-8ppm
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2024

Quant Time: Feb 09 22:56:47 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	7.910	152	579309	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	2468402	20.000	ng	0.00
39) Acenaphthene-d10	14.551	164	1440593	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	2833091	20.000	ng	0.00
76) Chrysene-d12	21.503	240	2208202	20.000	ng	0.00
86) Perylene-d12	23.897	264	2382929	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	3216246	80.748	ng	0.00
7) Phenol-d6	7.075	99	4208180	83.037	ng	0.00
23) Nitrobenzene-d5	9.081	82	2821654	60.658	ng	0.00
42) 2,4,6-Tribromophenol	16.045	330	1288760	82.625	ng	0.00
45) 2-Fluorobiphenyl	13.180	172	6015931	58.937	ng	0.00
79) Terphenyl-d14	19.945	244	7507026	59.596	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.387	88	98314	6.220	ng	99
3) Pyridine	3.787	79	232220	5.564	ng	97
4) n-Nitrosodimethylamine	3.710	42	95554	6.035	ng	# 94
6) Aniline	7.239	93	358560	7.196	ng	99
8) 2-Chlorophenol	7.469	128	250682	6.027	ng	99
9) Benzaldehyde	7.057	77	227901	8.751	ng	98
10) Phenol	7.098	94	318512	6.227	ng	96
11) bis(2-Chloroethyl)ether	7.345	93	258022	6.092	ng	98
12) 1,3-Dichlorobenzene	7.792	146	279202	5.912	ng	99
13) 1,4-Dichlorobenzene	7.945	146	286063	6.009	ng	99
14) 1,2-Dichlorobenzene	8.257	146	267942	5.907	ng	99
15) Benzyl Alcohol	8.151	79	207358	6.284	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.439	45	343540	6.398	ng	99
17) 2-Methylphenol	8.351	107	199788	5.951	ng	98
18) Hexachloroethane	8.980	117	102918	5.774	ng	98
19) n-Nitroso-di-n-propyla...	8.722	70	200461	6.442	ng	97
20) 3+4-Methylphenols	8.681	107	268831	5.818	ng	99
22) Acetophenone	8.739	105	402766	6.428	ng	# 98
24) Nitrobenzene	9.122	77	293941	6.171	ng	99
25) Isophorone	9.639	82	540389	6.033	ng	98
26) 2-Nitrophenol	9.828	139	119469	5.409	ng	99
27) 2,4-Dimethylphenol	9.886	122	173959	6.160	ng	98
28) bis(2-Chloroethoxy)met...	10.133	93	359136	6.200	ng	100
29) 2,4-Dichlorophenol	10.357	162	215029	5.783	ng	97
30) 1,2,4-Trichlorobenzene	10.569	180	247510	5.920	ng	99
31) Naphthalene	10.757	128	816724	5.995	ng	100
32) Benzoic acid	9.963	122	104852	3.686	ng	96
33) 4-Chloroaniline	10.880	127	331286	6.422	ng	99
34) Hexachlorobutadiene	11.033	225	136915	5.721	ng	99
35) Caprolactam	11.651	113	64353	5.379	ng	95
36) 4-Chloro-3-methylphenol	11.998	107	230450	5.724	ng	99
37) 2-Methylnaphthalene	12.374	142	544840	6.004	ng	97
38) 1-Methylnaphthalene	12.592	142	531458	5.960	ng	99
40) 1,2,4,5-Tetrachloroben...	12.733	216	260363	6.218	ng	99
41) Hexachlorocyclopentadiene	12.710	237	111458	6.099	ng	98
43) 2,4,6-Trichlorophenol	12.980	196	160060	5.617	ng	98

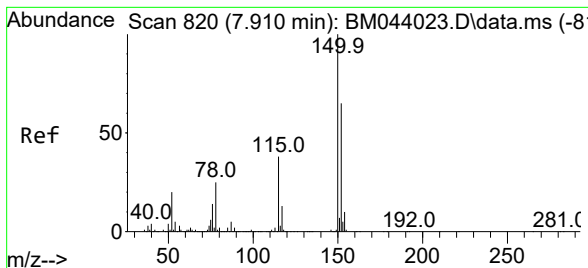
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.051	196	172882	5.528	ng	98
46) 1,1'-Biphenyl	13.386	154	727075	6.396	ng	99
47) 2-Chloronaphthalene	13.427	162	544439	6.046	ng	98
48) 2-Nitroaniline	13.639	65	144641	5.710	ng	95
49) Acenaphthylene	14.274	152	889340	6.620	ng	100
50) Dimethylphthalate	14.015	163	656634	6.148	ng	100
51) 2,6-Dinitrotoluene	14.139	165	129552	5.498	ng	93
52) Acenaphthene	14.615	154	507929	6.109	ng	99
53) 3-Nitroaniline	14.468	138	140702	5.556	ng	99
54) 2,4-Dinitrophenol	14.668	184	45638	8.589	ng	97
55) Dibenzofuran	14.951	168	824861	6.410	ng	99
56) 4-Nitrophenol	14.762	139	100741	4.893	ng	95
57) 2,4-Dinitrotoluene	14.921	165	163524	5.309	ng	98
58) Fluorene	15.598	166	642080	6.457	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.174	232	148174	6.038	ng	99
60) Diethylphthalate	15.386	149	649411	5.883	ng	100
61) 4-Chlorophenyl-phenyle...	15.598	204	307470	6.381	ng	98
62) 4-Nitroaniline	15.627	138	131707	5.166	ng	95
63) Azobenzene	15.892	77	636747	6.148	ng	98
65) 4,6-Dinitro-2-methylph...	15.680	198	71229	4.219	ng	99
66) n-Nitrosodiphenylamine	15.815	169	535250	6.219	ng	99
67) 4-Bromophenyl-phenylether	16.498	248	141687	5.058	ng	98
68) Hexachlorobenzene	16.592	284	201850	5.883	ng	98
69) Atrazine	16.774	200	171905	7.376	ng	98
70) Pentachlorophenol	16.945	266	100819	4.517	ng	97
71) Phenanthrene	17.345	178	968821	6.476	ng	100
72) Anthracene	17.433	178	916730	6.190	ng	99
73) Carbazole	17.709	167	860986	5.977	ng	99
74) Di-n-butylphthalate	18.292	149	1036860	5.538	ng	100
75) Fluoranthene	19.362	202	988957	5.885	ng	99
77) Benzidine	19.562	184	391179	11.399	ng	98
78) Pyrene	19.727	202	1032992	6.074	ng	100
80) Butylbenzylphthalate	20.650	149	386482	5.113	ng	99
81) Benzo(a)anthracene	21.486	228	941823	6.132	ng	99
82) 3,3'-Dichlorobenzidine	21.427	252	309768	6.146	ng	99
83) Chrysene	21.539	228	862626	5.944	ng	100
84) Bis(2-ethylhexyl)phtha...	21.439	149	595694	5.341	ng	99
85) Di-n-octyl phthalate	22.374	149	920307	4.724	ng	98
87) Indeno(1,2,3-cd)pyrene	26.379	276	980584	5.814	ng	100
88) Benzo(b)fluoranthene	23.168	252	879267	5.903	ng	99
89) Benzo(k)fluoranthene	23.215	252	851073	6.013	ng	100
90) Benzo(a)pyrene	23.785	252	743843	5.717	ng	99
91) Dibenzo(a,h)anthracene	26.403	278	835061	5.919	ng	99
92) Benzo(g,h,i)perylene	27.132	276	795380	5.559	ng	99

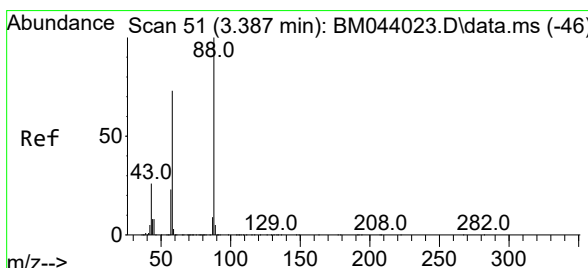
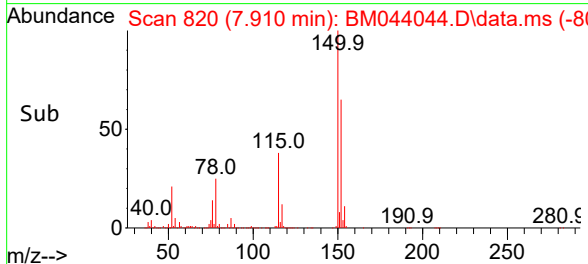
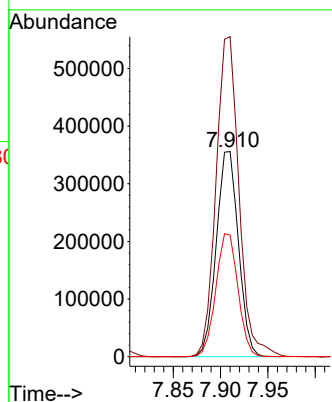
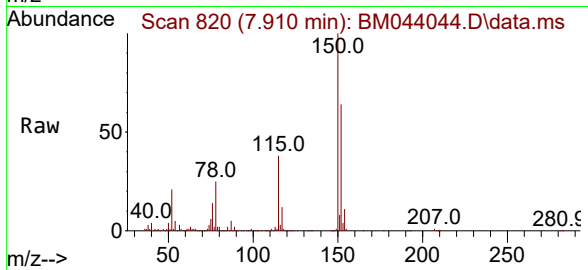
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.910 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BM044044.D
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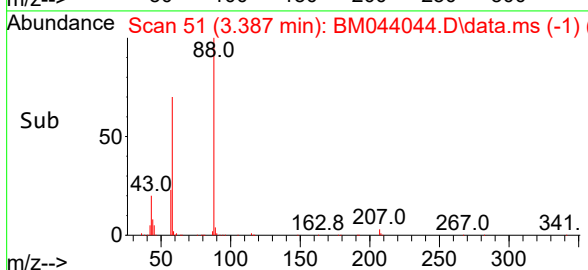
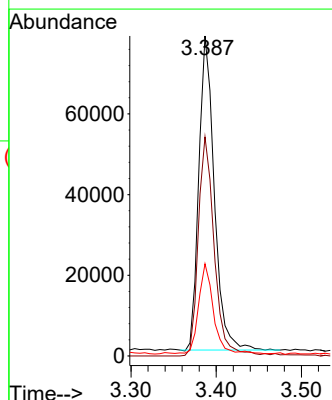
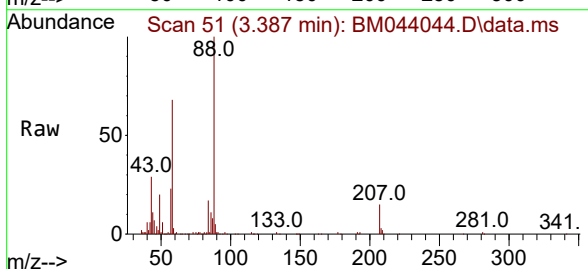
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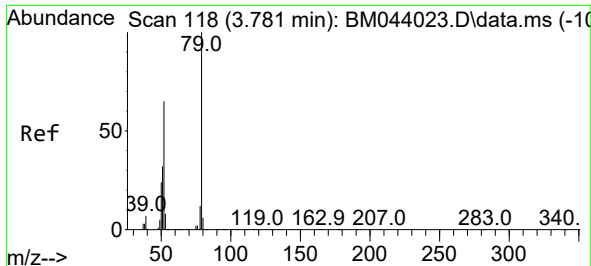
Tgt Ion:152 Resp: 579309
 Ion Ratio Lower Upper
 152 100
 150 156.0 122.7 184.1
 115 59.2 47.0 70.6



#2
 1,4-Dioxane
 Concen: 6.220 ng
 RT: 3.387 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: BM044044.D
 Acq: 09 Feb 2024 17:54

Tgt Ion: 88 Resp: 98314
 Ion Ratio Lower Upper
 88 100
 58 71.6 58.1 87.1
 43 27.4 21.1 31.7

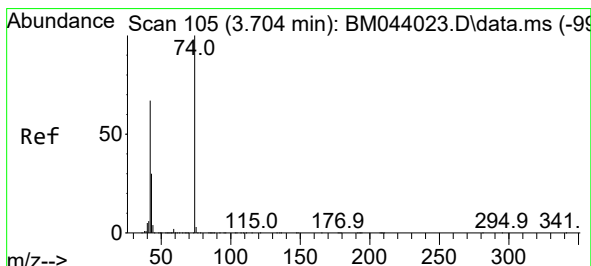
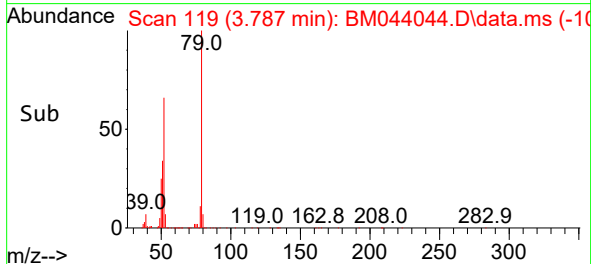
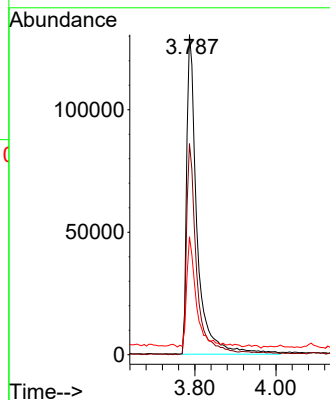
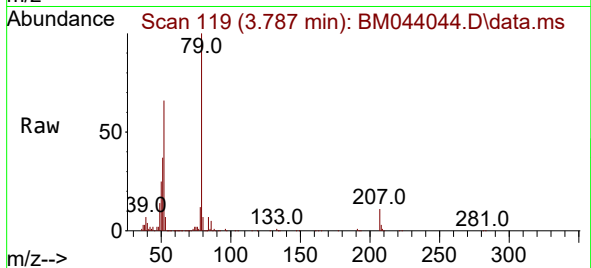




#3
Pyridine
Concen: 5.564 ng
RT: 3.787 min Scan# 118
Delta R.T. 0.006 min
Lab File: BM044044.D
Acq: 09 Feb 2024 17:54

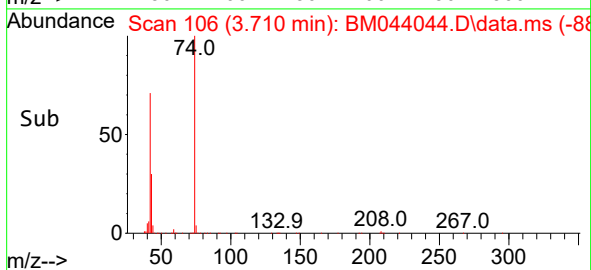
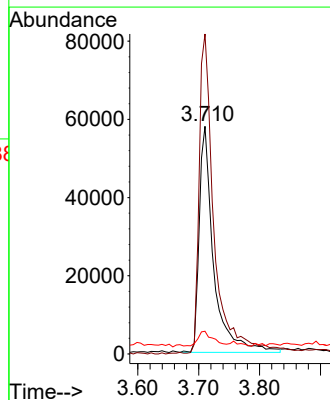
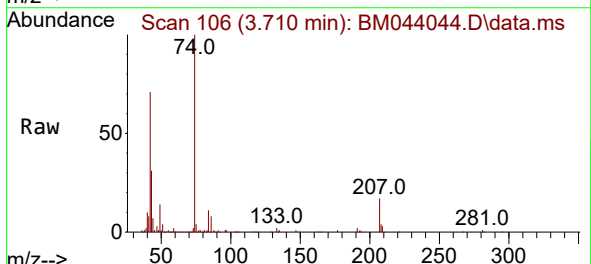
Instrument :
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ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

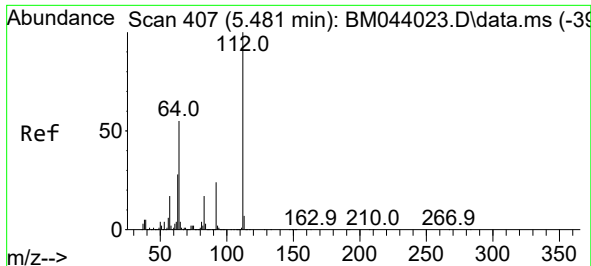
Tgt Ion: 79 Resp: 232220
Ion Ratio Lower Upper
79 100
52 66.0 52.2 78.2
51 36.8 26.2 39.4



#4
n-Nitrosodimethylamine
Concen: 6.035 ng
RT: 3.710 min Scan# 106
Delta R.T. 0.006 min
Lab File: BM044044.D
Acq: 09 Feb 2024 17:54

Tgt Ion: 42 Resp: 95554
Ion Ratio Lower Upper
42 100
74 140.5 118.6 178.0
44 10.0 5.6 8.4

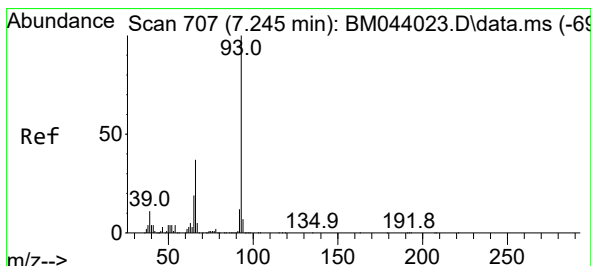
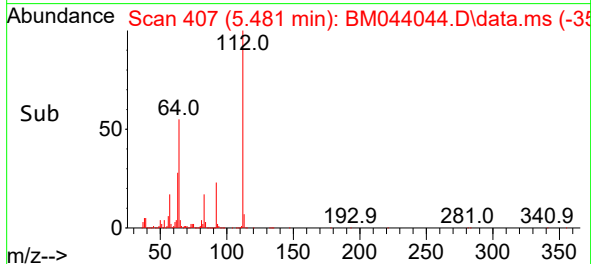
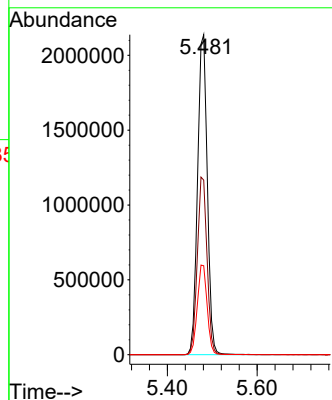
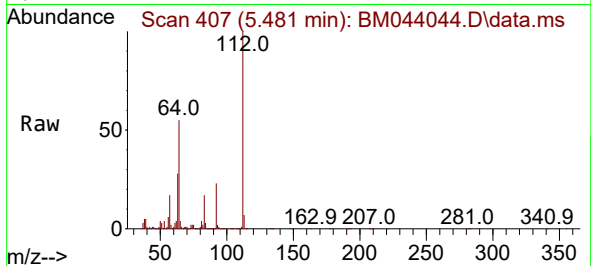




#5
2-Fluorophenol
Concen: 80.748 ng
RT: 5.481 min Scan# 407
Delta R.T. -0.000 min
Lab File: BM044044.D
Acq: 09 Feb 2024 17:54

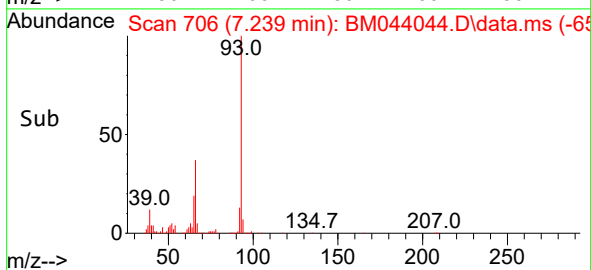
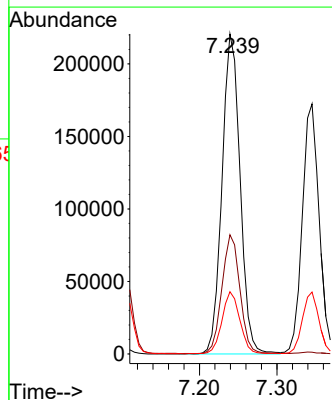
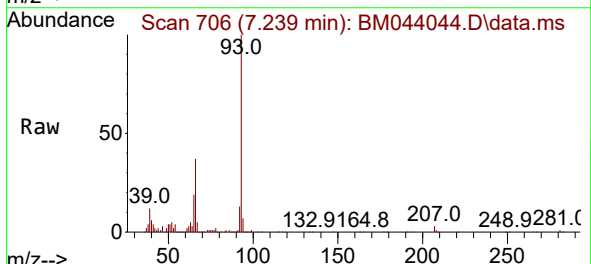
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ClientSampleId :
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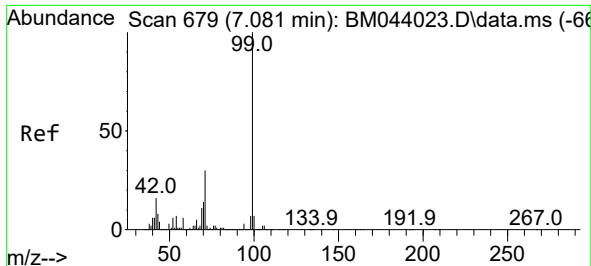
Tgt Ion:112 Resp: 3216246
Ion Ratio Lower Upper
112 100
64 54.6 44.2 66.4
63 27.8 22.6 34.0



#6
Aniline
Concen: 7.196 ng
RT: 7.239 min Scan# 706
Delta R.T. -0.006 min
Lab File: BM044044.D
Acq: 09 Feb 2024 17:54

Tgt Ion: 93 Resp: 358560
Ion Ratio Lower Upper
93 100
66 37.2 29.4 44.0
65 19.5 15.2 22.8

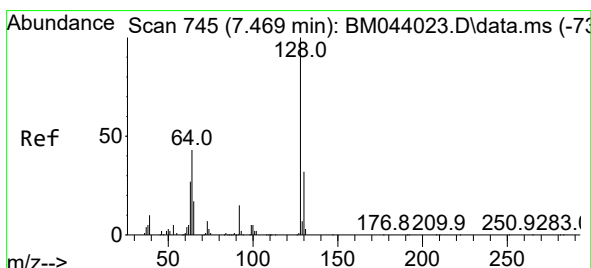
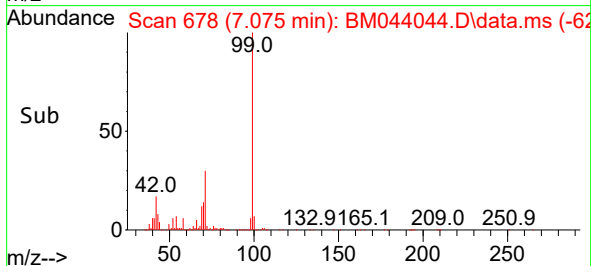
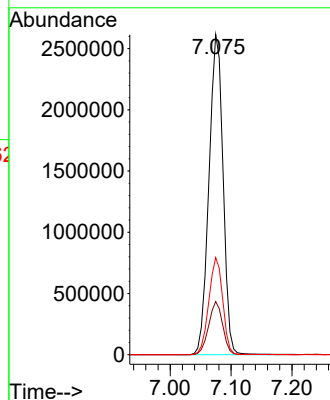
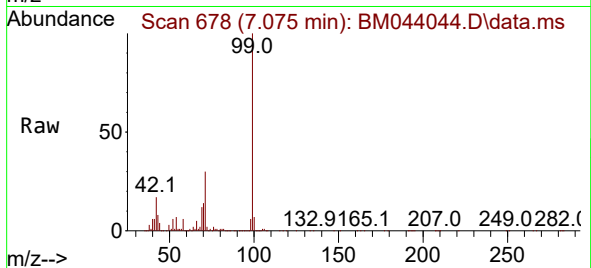




#7
Phenol-d6
Concen: 83.037 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM044044.D
Acq: 09 Feb 2024 17:54

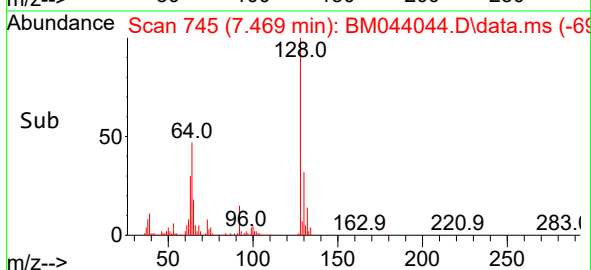
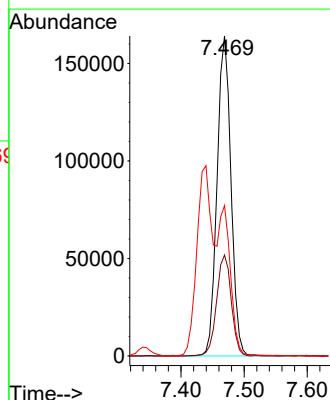
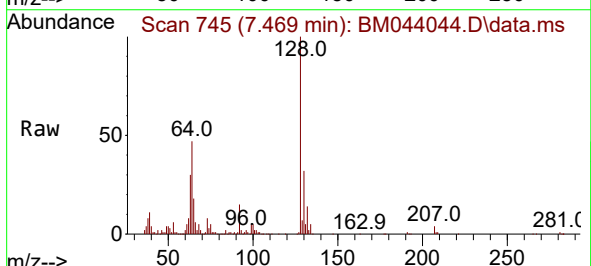
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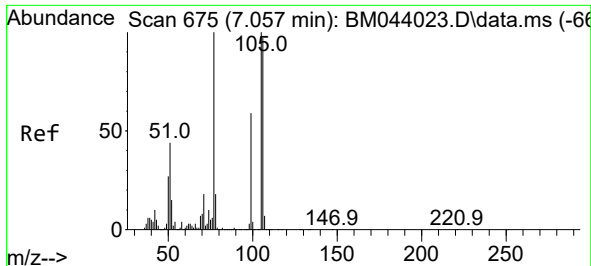
Tgt Ion: 99 Resp: 4208180
Ion Ratio Lower Upper
99 100
42 16.6 12.9 19.3
71 30.3 23.9 35.9



#8
2-Chlorophenol
Concen: 6.027 ng
RT: 7.469 min Scan# 745
Delta R.T. -0.000 min
Lab File: BM044044.D
Acq: 09 Feb 2024 17:54

Tgt Ion: 128 Resp: 250682
Ion Ratio Lower Upper
128 100
130 31.6 12.1 52.1
64 47.0 26.0 66.0

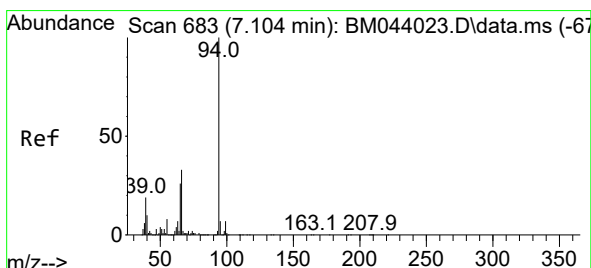
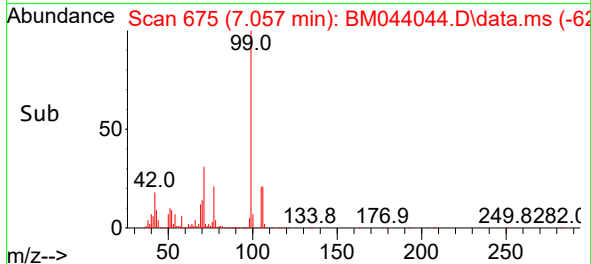
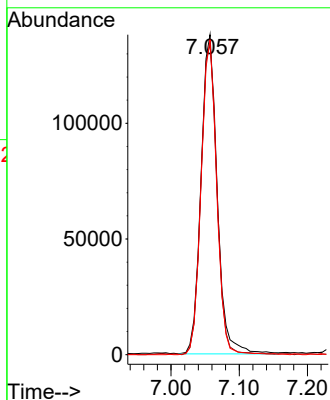
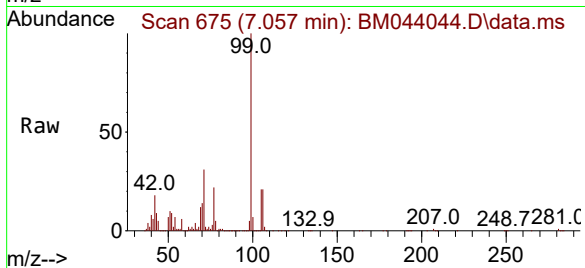




#9
Benzaldehyde
Concen: 8.751 ng
RT: 7.057 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM044044.D
Acq: 09 Feb 2024 17:54

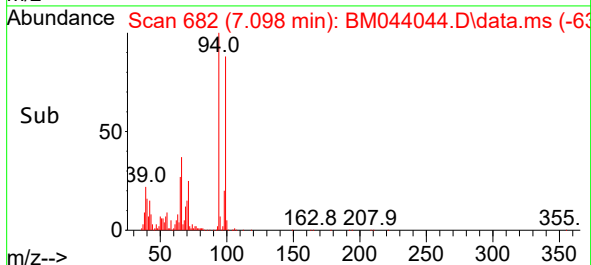
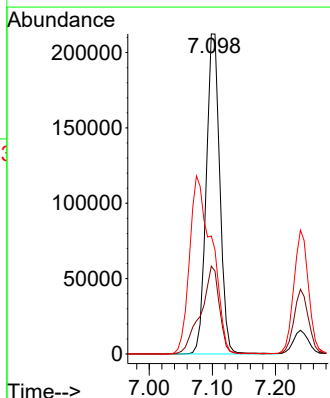
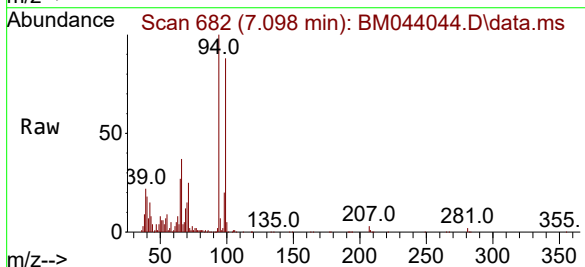
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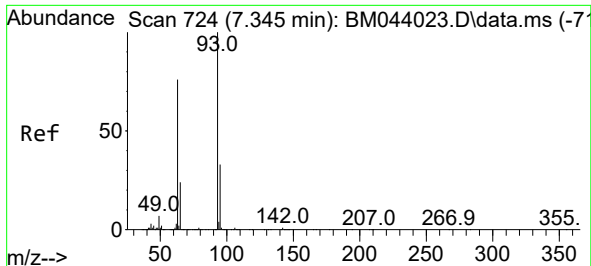
Tgt Ion: 77 Resp: 227901
Ion Ratio Lower Upper
77 100
105 97.1 80.0 120.0
106 98.4 76.8 116.8



#10
Phenol
Concen: 6.227 ng
RT: 7.098 min Scan# 682
Delta R.T. -0.006 min
Lab File: BM044044.D
Acq: 09 Feb 2024 17:54

Tgt Ion: 94 Resp: 318512
Ion Ratio Lower Upper
94 100
65 27.4 6.4 46.4
66 36.8 13.2 53.2

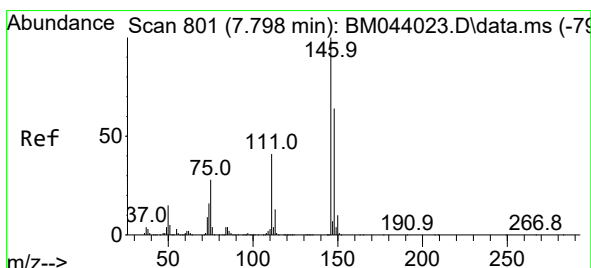
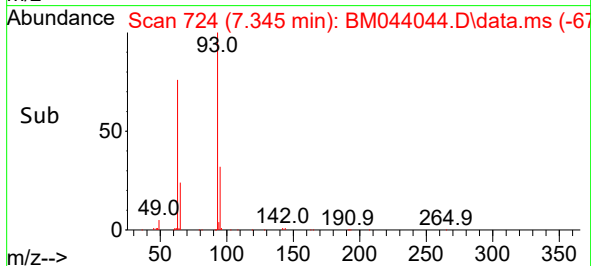
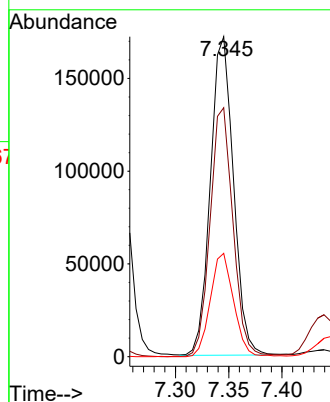
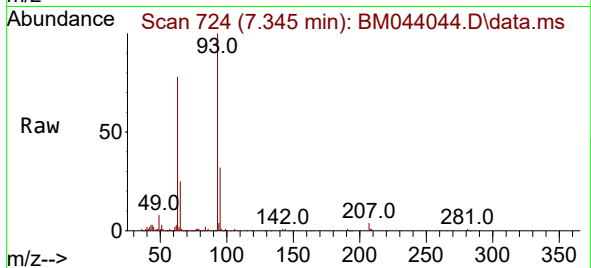




#11
bis(2-Chloroethyl)ether
Concen: 6.092 ng
RT: 7.345 min Scan# 71
Delta R.T. -0.000 min
Lab File: BM044044.D
Acq: 09 Feb 2024 17:54

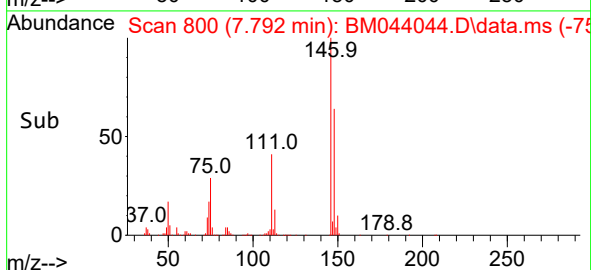
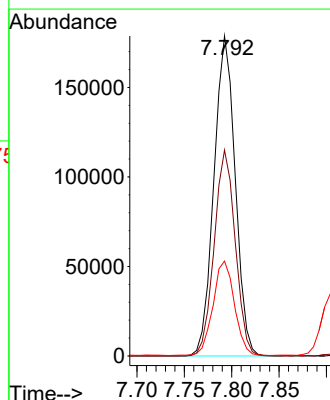
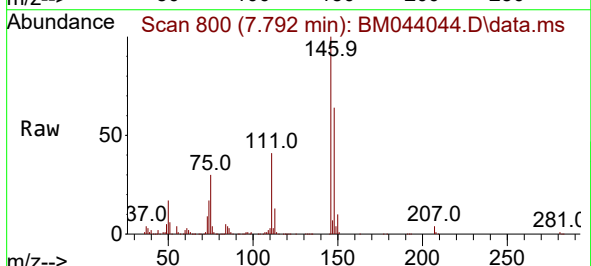
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

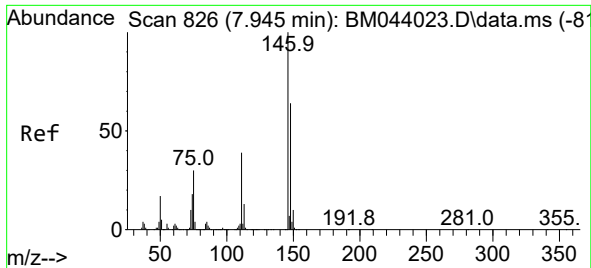
Tgt Ion: 93 Resp: 258022
Ion Ratio Lower Upper
93 100
63 77.8 55.9 95.9
95 32.3 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 5.912 ng
RT: 7.792 min Scan# 800
Delta R.T. -0.006 min
Lab File: BM044044.D
Acq: 09 Feb 2024 17:54

Tgt Ion: 146 Resp: 279202
Ion Ratio Lower Upper
146 100
148 64.3 51.3 76.9
75 29.6 22.7 34.1

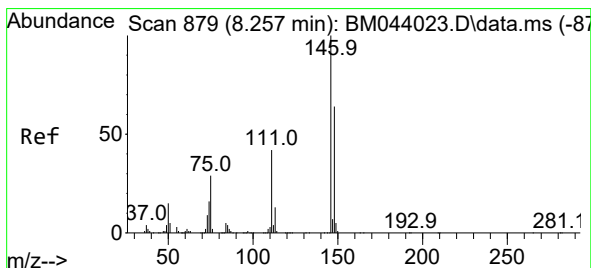
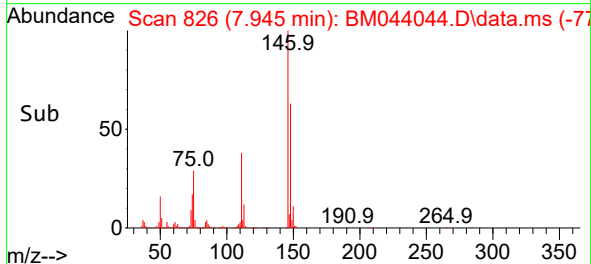
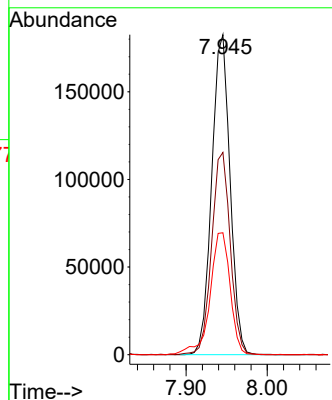
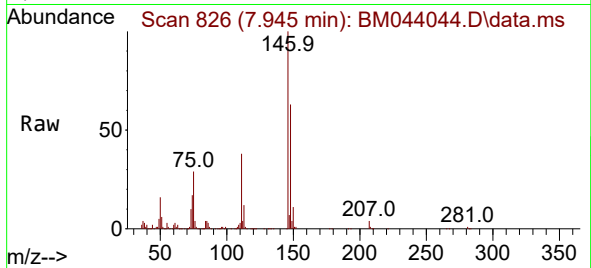




#13
1,4-Dichlorobenzene
Concen: 6.009 ng
RT: 7.945 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM044044.D
Acq: 09 Feb 2024 17:54

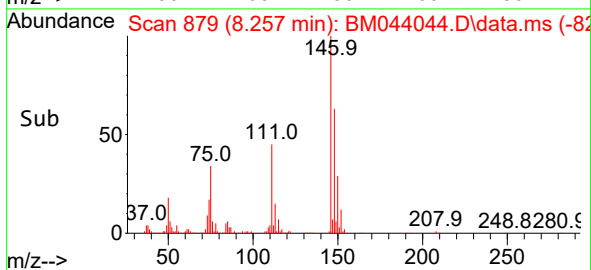
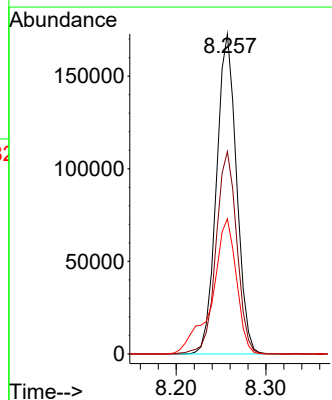
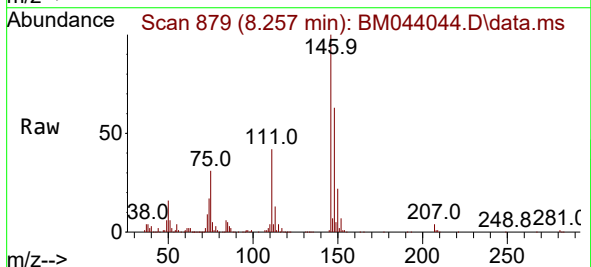
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

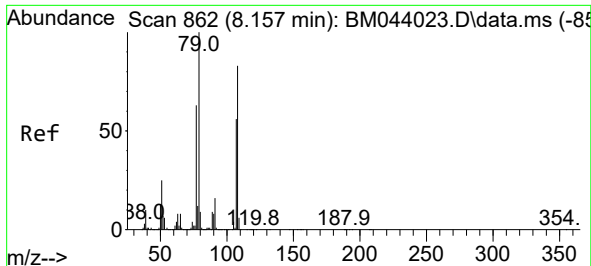
Tgt Ion:146 Resp: 286063
Ion Ratio Lower Upper
146 100
148 63.2 51.2 76.8
111 38.1 31.2 46.8



#14
1,2-Dichlorobenzene
Concen: 5.907 ng
RT: 8.257 min Scan# 879
Delta R.T. -0.000 min
Lab File: BM044044.D
Acq: 09 Feb 2024 17:54

Tgt Ion:146 Resp: 267942
Ion Ratio Lower Upper
146 100
148 63.3 51.4 77.2
111 42.3 33.7 50.5

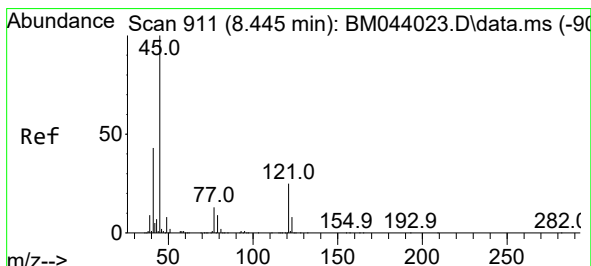
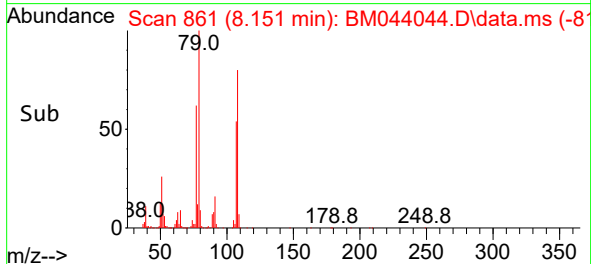
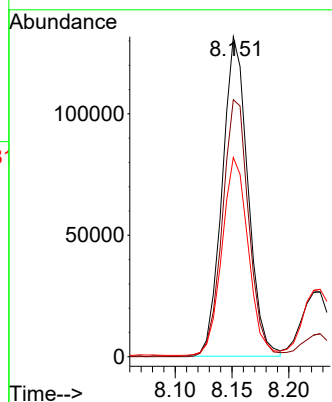
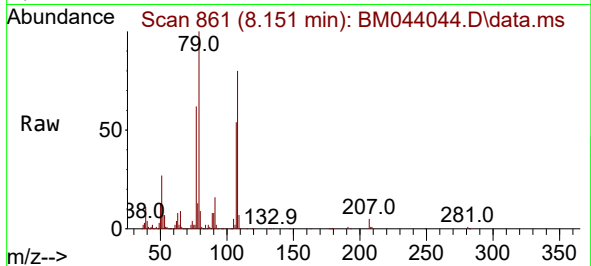




#15
Benzyl Alcohol
Concen: 6.284 ng
RT: 8.151 min Scan# 80
Delta R.T. -0.006 min
Lab File: BM044044.D
Acq: 09 Feb 2024 17:54

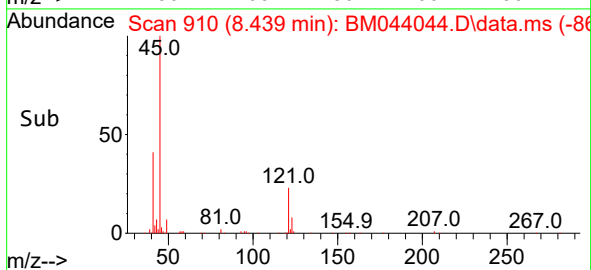
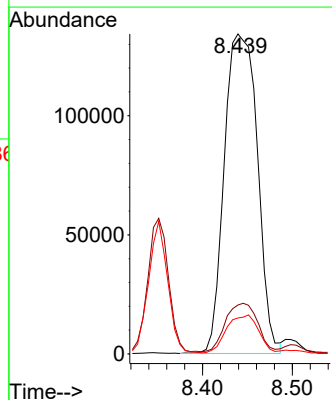
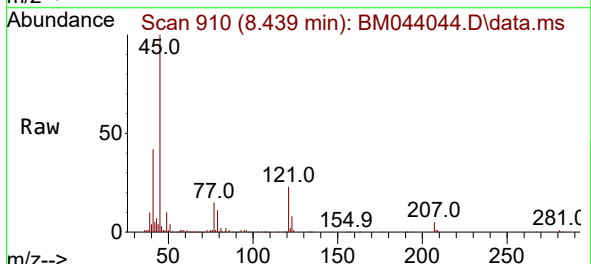
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

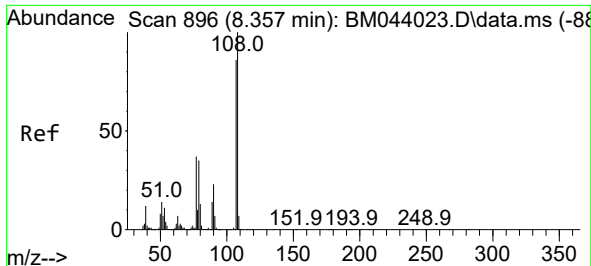
Tgt Ion: 79 Resp: 207358
Ion Ratio Lower Upper
79 100
108 80.3 66.0 99.0
77 62.2 50.4 75.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 6.398 ng
RT: 8.439 min Scan# 910
Delta R.T. -0.006 min
Lab File: BM044044.D
Acq: 09 Feb 2024 17:54

Tgt Ion: 45 Resp: 343540
Ion Ratio Lower Upper
45 100
77 15.3 0.0 35.1
79 11.2 0.0 31.5

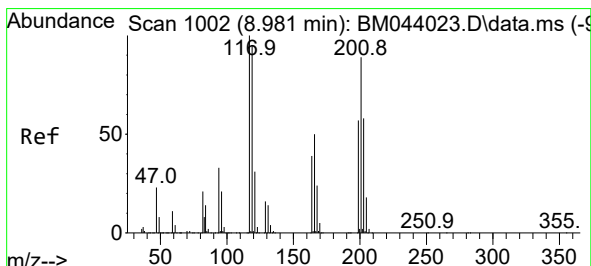
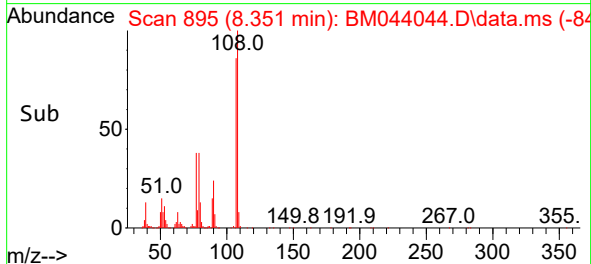
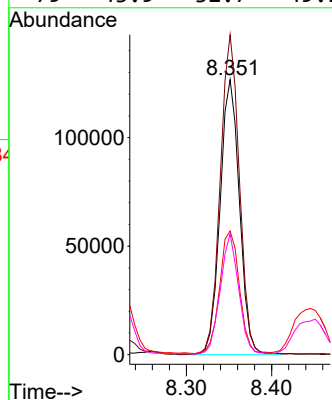
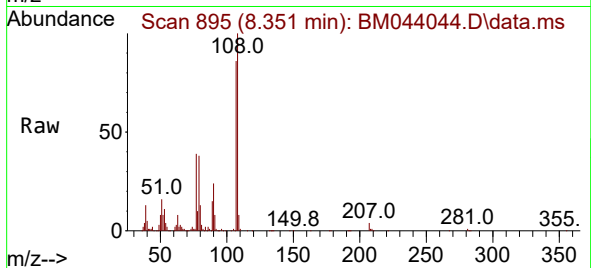




#17
2-Methylphenol
Concen: 5.951 ng
RT: 8.351 min Scan# 896
Delta R.T. -0.006 min
Lab File: BM044044.D
Acq: 09 Feb 2024 17:54

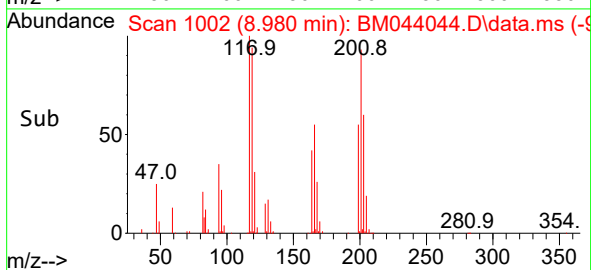
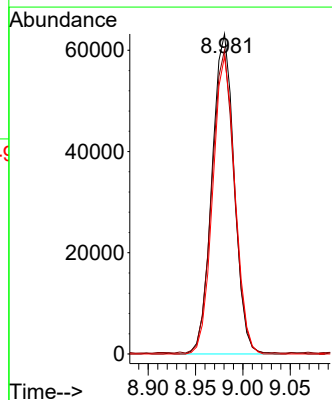
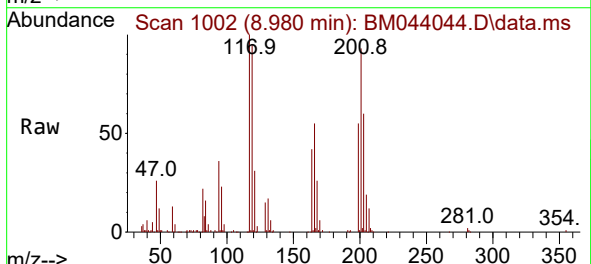
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

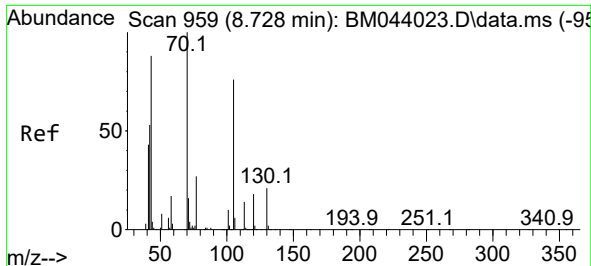
Tgt Ion:107 Resp: 199788
Ion Ratio Lower Upper
107 100
108 116.3 93.4 140.2
77 45.0 34.7 52.1
79 43.9 32.7 49.1



#18
Hexachloroethane
Concen: 5.774 ng
RT: 8.980 min Scan# 1002
Delta R.T. -0.000 min
Lab File: BM044044.D
Acq: 09 Feb 2024 17:54

Tgt Ion:117 Resp: 102918
Ion Ratio Lower Upper
117 100
119 95.0 75.7 113.5
201 93.0 71.5 107.3



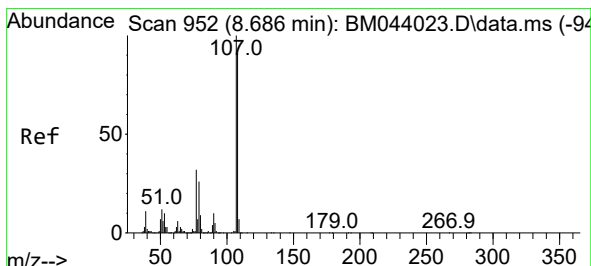
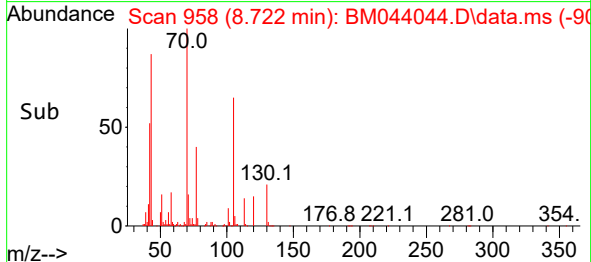
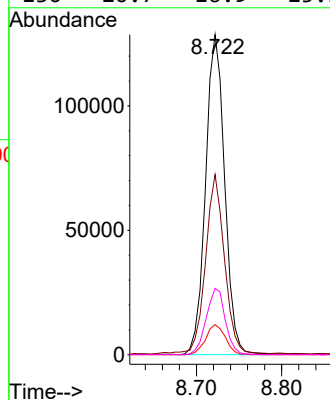
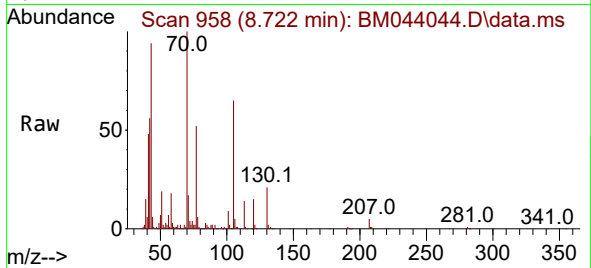


#19
n-Nitroso-di-n-propylamine
Concen: 6.442 ng
RT: 8.722 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM044044.D
Acq: 09 Feb 2024 17:54

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

Tgt Ion: 70 Resp: 200461

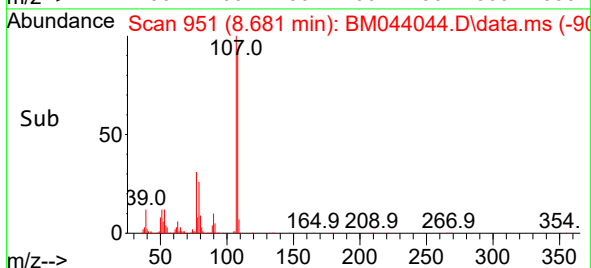
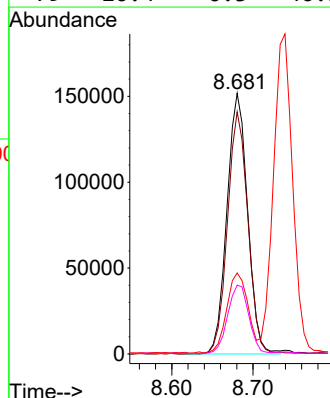
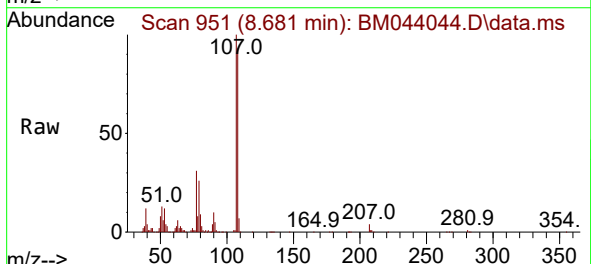
Ion	Ratio	Lower	Upper
70	100		
42	56.3	42.6	64.0
101	9.4	7.8	11.6
130	20.7	16.9	25.3

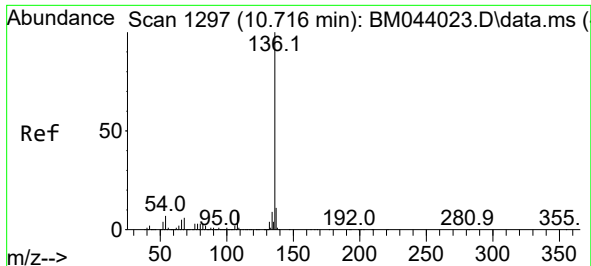


#20
3+4-Methylphenols
Concen: 5.818 ng
RT: 8.681 min Scan# 951
Delta R.T. -0.006 min
Lab File: BM044044.D
Acq: 09 Feb 2024 17:54

Tgt Ion: 107 Resp: 268831

Ion	Ratio	Lower	Upper
107	100		
108	92.9	71.5	111.5
77	31.1	11.8	51.8
79	26.4	6.3	46.3

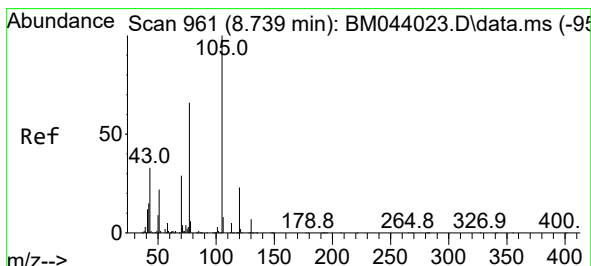
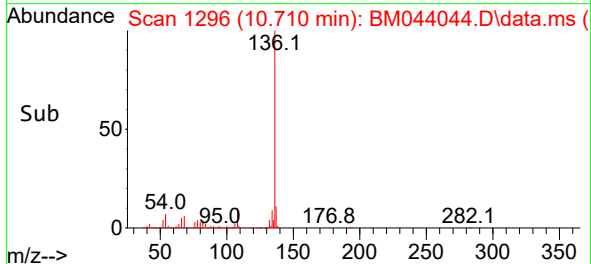
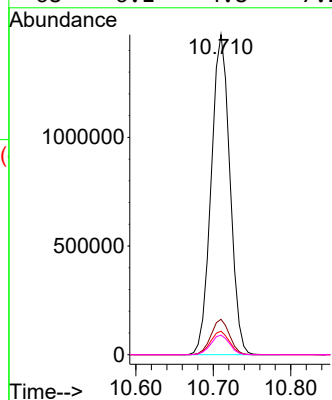
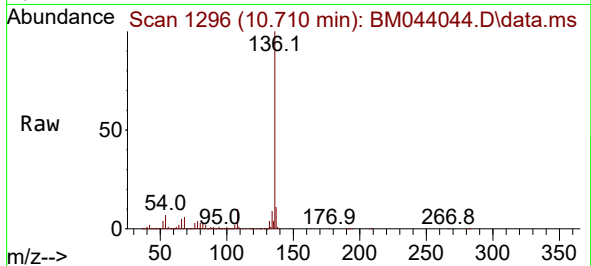




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BM044044.D
Acq: 09 Feb 2024 17:54

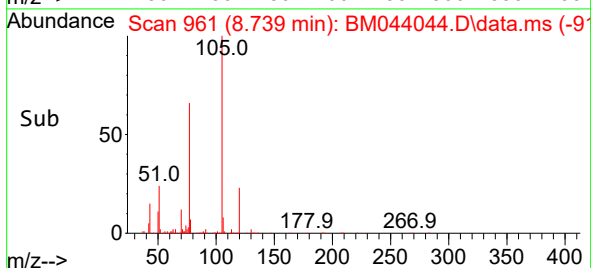
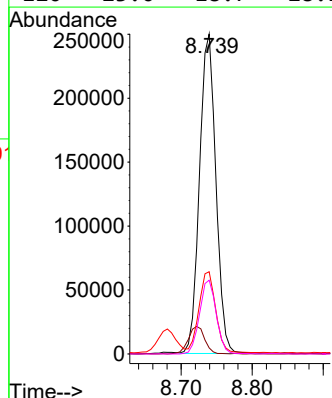
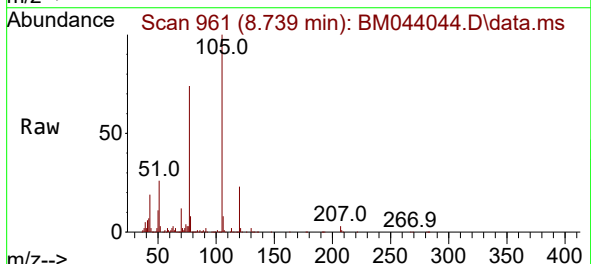
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

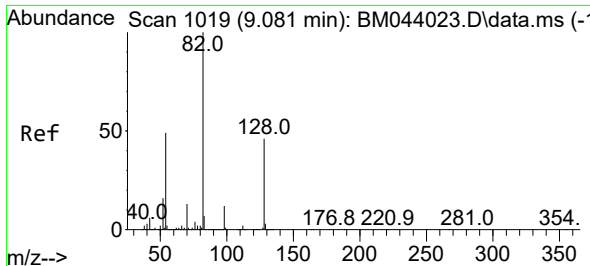
Tgt Ion:136 Resp: 2468402
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.4 5.9 8.9
68 6.1 4.8 7.2



#22
Acetophenone
Concen: 6.428 ng
RT: 8.739 min Scan# 961
Delta R.T. -0.000 min
Lab File: BM044044.D
Acq: 09 Feb 2024 17:54

Tgt Ion:105 Resp: 402766
Ion Ratio Lower Upper
105 100
71 1.9 4.0 6.0#
51 25.7 20.1 30.1
120 23.0 18.7 28.1

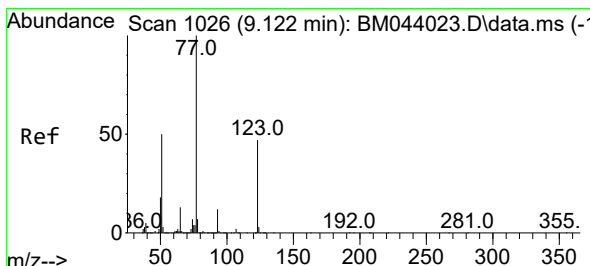
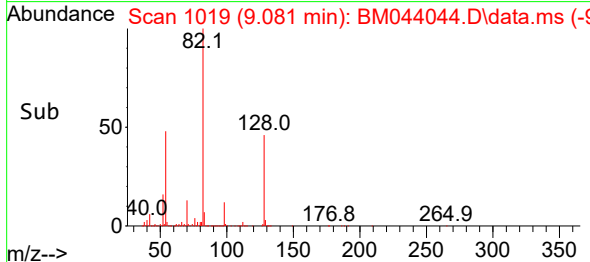
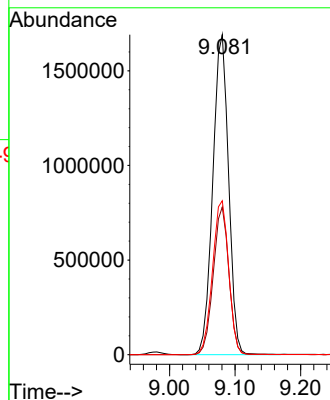
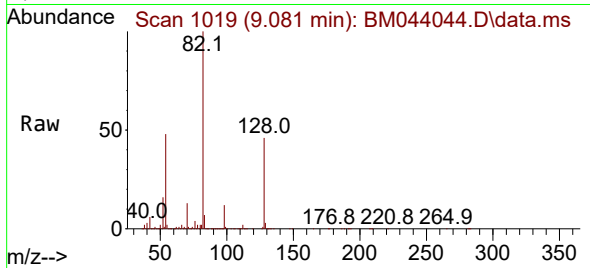




#23
Nitrobenzene-d5
Concen: 60.658 ng
RT: 9.081 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BM044044.D
Acq: 09 Feb 2024 17:54

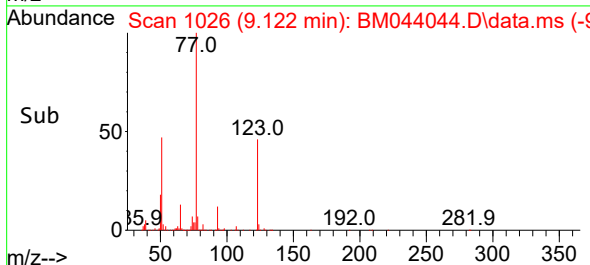
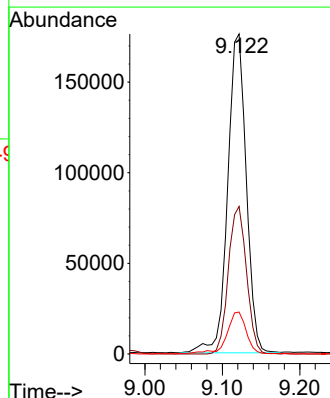
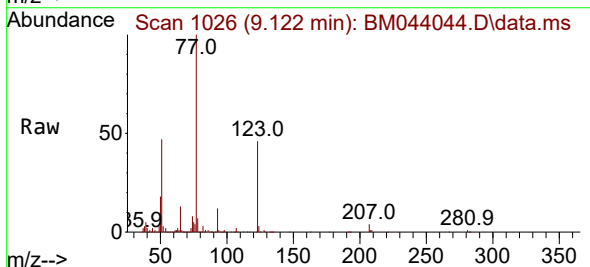
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

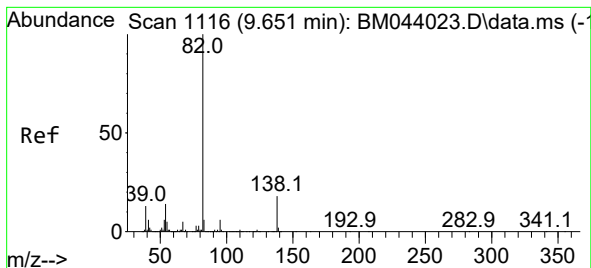
Tgt Ion: 82 Resp: 2821654
Ion Ratio Lower Upper
82 100
128 46.1 37.1 55.7
54 48.1 38.9 58.3



#24
Nitrobenzene
Concen: 6.171 ng
RT: 9.122 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BM044044.D
Acq: 09 Feb 2024 17:54

Tgt Ion: 77 Resp: 293941
Ion Ratio Lower Upper
77 100
123 46.1 37.8 56.8
65 13.1 10.5 15.7





#25

Isophorone

Concen: 6.033 ng

RT: 9.639 min Scan# 1114

Delta R.T. -0.012 min

Lab File: BM044044.D

Acq: 09 Feb 2024 17:54

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

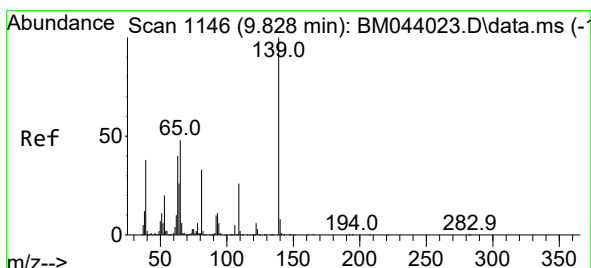
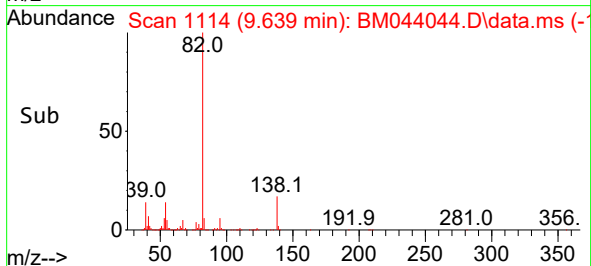
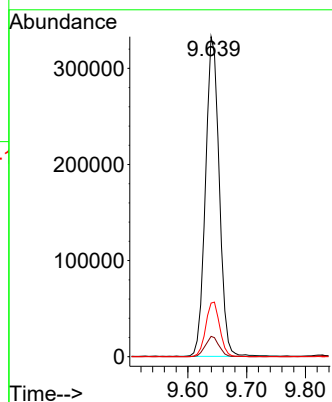
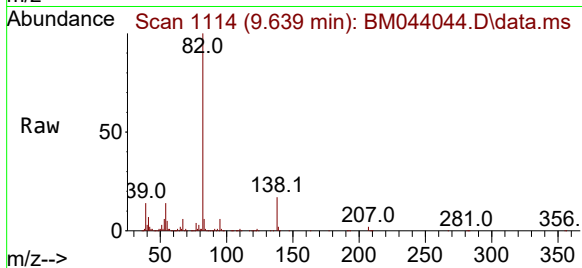
Tgt Ion: 82 Resp: 540389

Ion Ratio Lower Upper

82 100

95 6.4 5.2 7.8

138 16.8 14.3 21.5



#26

2-Nitrophenol

Concen: 5.409 ng

RT: 9.828 min Scan# 1146

Delta R.T. -0.000 min

Lab File: BM044044.D

Acq: 09 Feb 2024 17:54

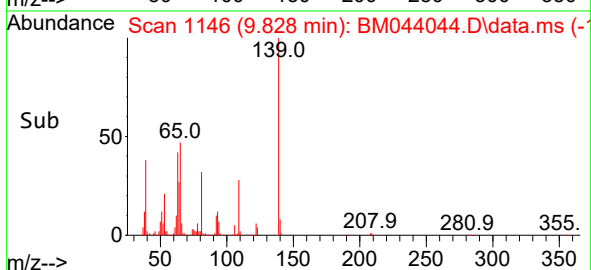
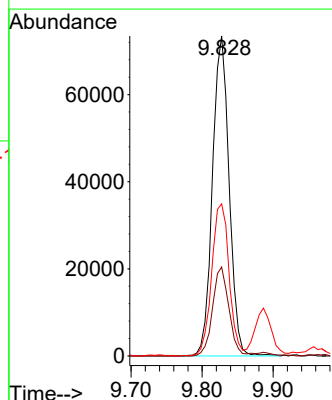
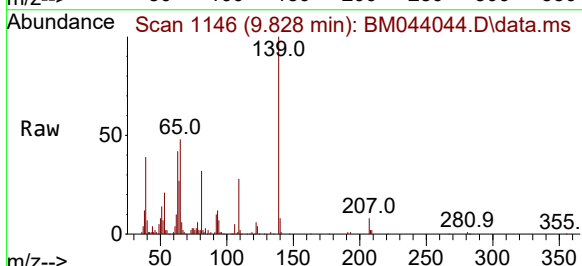
Tgt Ion:139 Resp: 119469

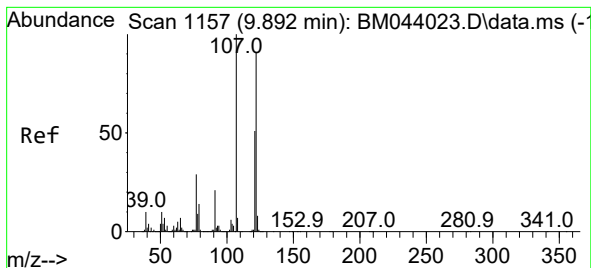
Ion Ratio Lower Upper

139 100

109 27.8 21.2 31.8

65 47.5 38.5 57.7

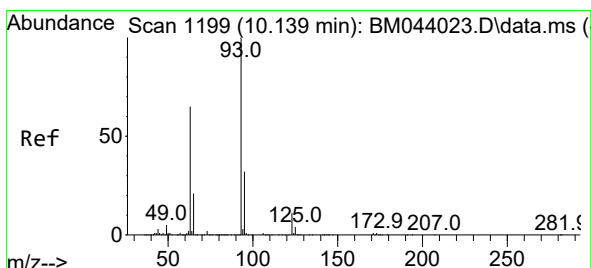
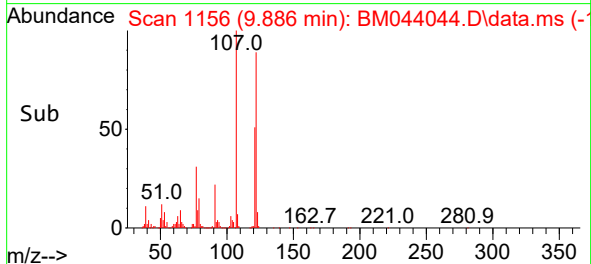
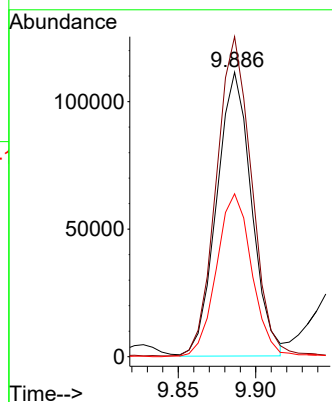
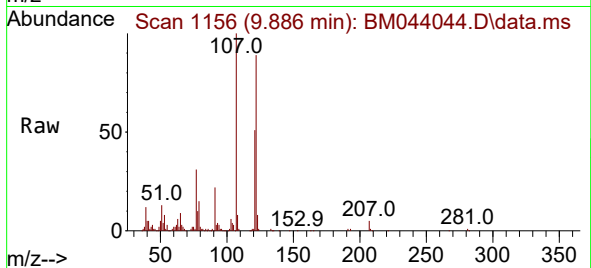




#27
2,4-Dimethylphenol
Concen: 6.160 ng
RT: 9.886 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BM044044.D
Acq: 09 Feb 2024 17:54

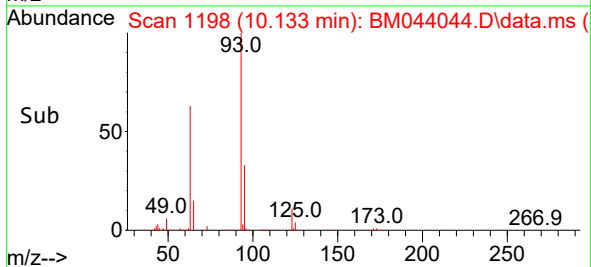
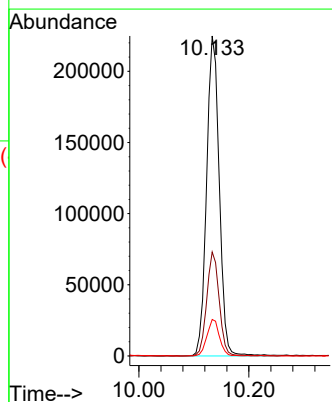
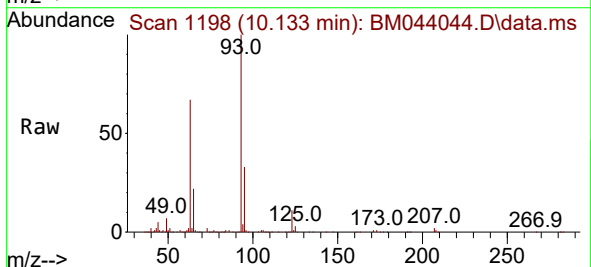
Instrument : BNA_M
ClientSampleId : LOD-MDL-WATER-01-QT1-2024

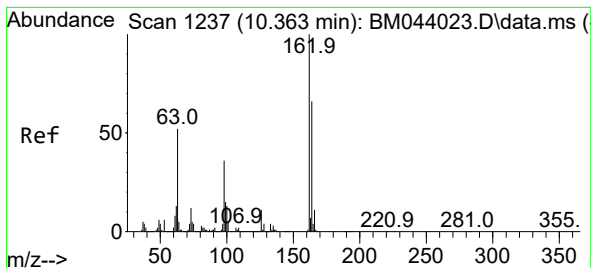
Tgt Ion:122 Resp: 173959
Ion Ratio Lower Upper
122 100
107 112.5 87.8 131.8
121 57.2 44.7 67.1



#28
bis(2-Chloroethoxy)methane
Concen: 6.200 ng
RT: 10.133 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BM044044.D
Acq: 09 Feb 2024 17:54

Tgt Ion: 93 Resp: 359136
Ion Ratio Lower Upper
93 100
95 32.5 26.0 39.0
123 11.4 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 5.783 ng

RT: 10.357 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM044044.D

Acq: 09 Feb 2024 17:54

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

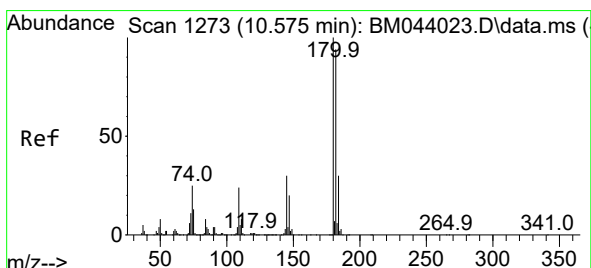
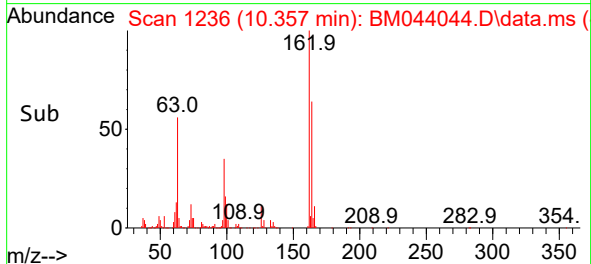
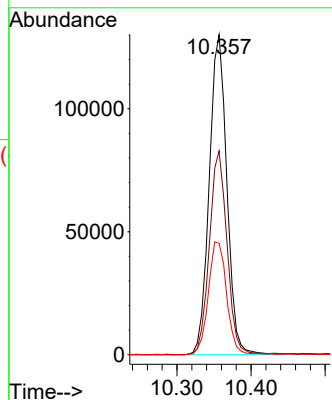
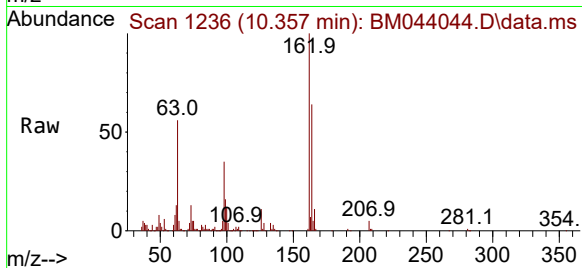
Tgt Ion:162 Resp: 215029

Ion Ratio Lower Upper

162 100

164 63.6 46.1 86.1

98 34.8 15.9 55.9



#30

1,2,4-Trichlorobenzene

Concen: 5.920 ng

RT: 10.569 min Scan# 1272

Delta R.T. -0.006 min

Lab File: BM044044.D

Acq: 09 Feb 2024 17:54

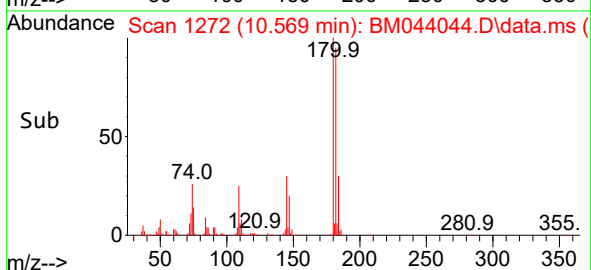
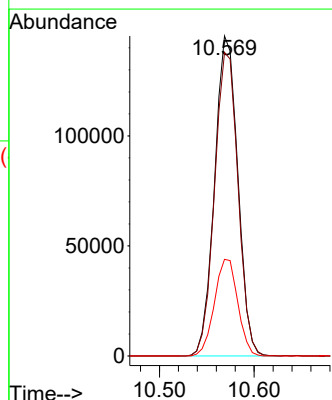
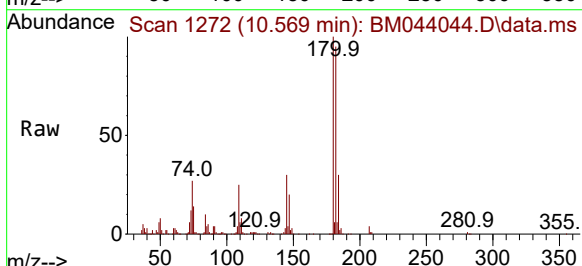
Tgt Ion:180 Resp: 247510

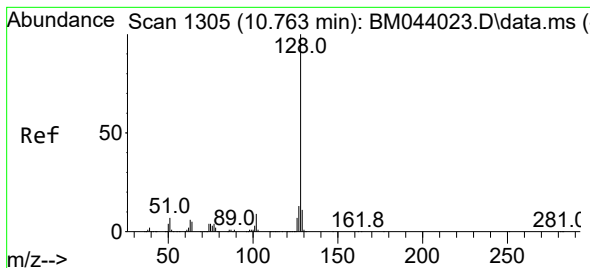
Ion Ratio Lower Upper

180 100

182 94.9 75.2 112.8

145 30.2 24.3 36.5





#31

Naphthalene

Concen: 5.995 ng

RT: 10.757 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BM044044.D

Acq: 09 Feb 2024 17:54

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

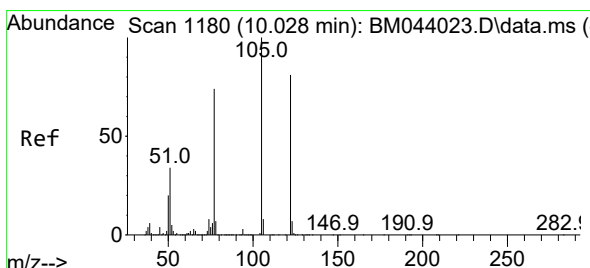
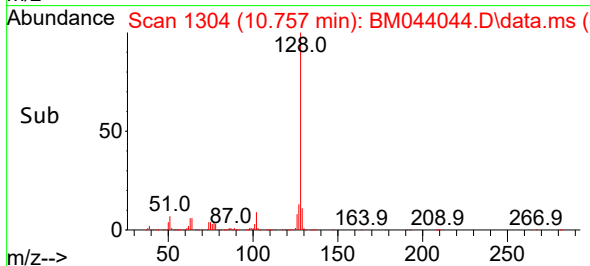
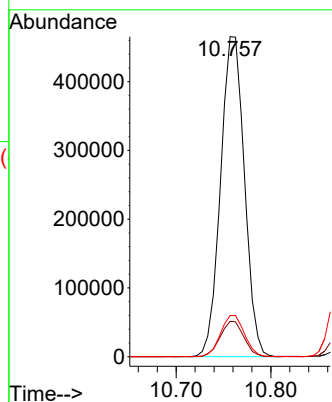
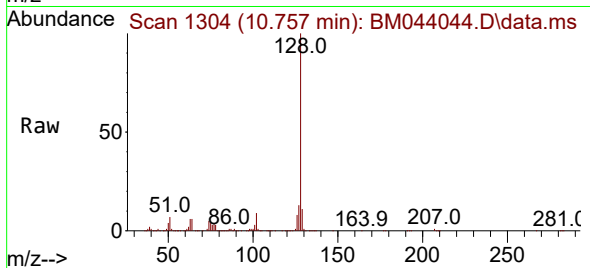
Tgt Ion:128 Resp: 816724

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.4

127 12.8 10.3 15.5



#32

Benzoic acid

Concen: 3.686 ng

RT: 9.963 min Scan# 1169

Delta R.T. -0.065 min

Lab File: BM044044.D

Acq: 09 Feb 2024 17:54

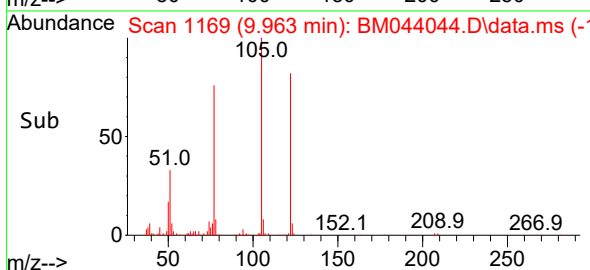
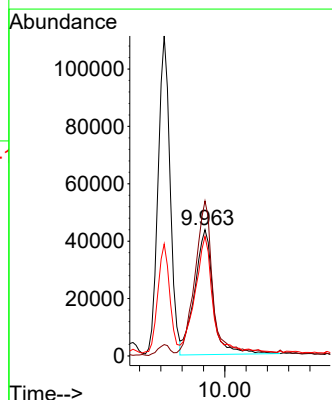
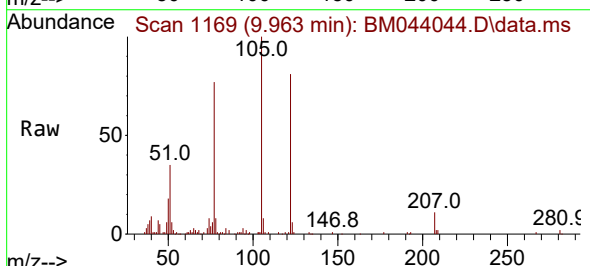
Tgt Ion:122 Resp: 104852

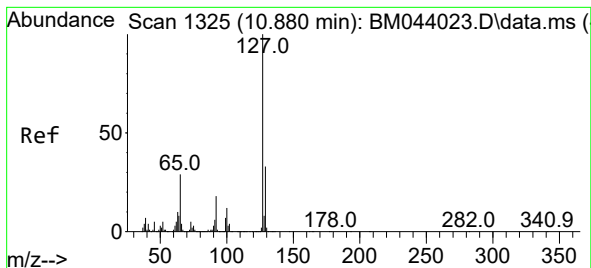
Ion Ratio Lower Upper

122 100

105 122.8 100.1 140.1

77 94.7 69.6 109.6





#33

4-Chloroaniline

Concen: 6.422 ng

RT: 10.880 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM044044.D

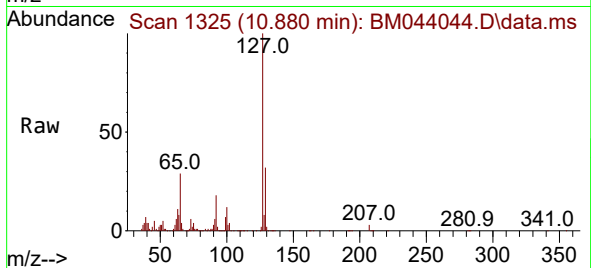
Acq: 09 Feb 2024 17:54

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024



Tgt Ion:127 Resp: 331286

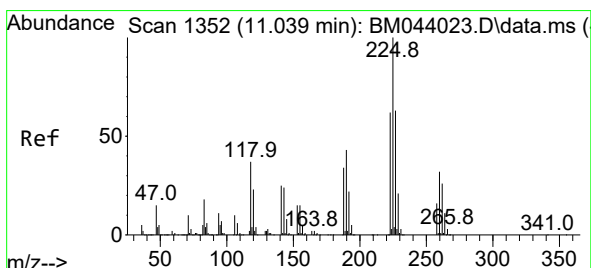
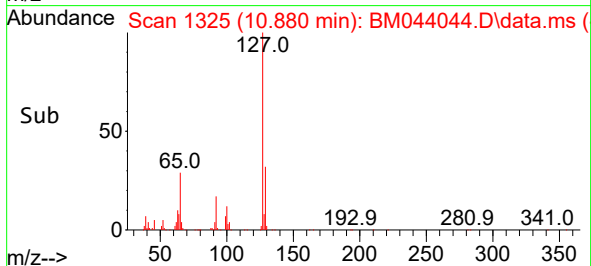
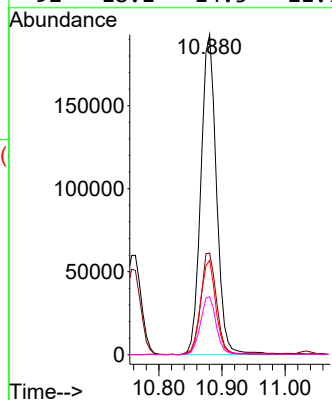
Ion	Ratio	Lower	Upper
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127	100		
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129	31.8	26.0	39.0
-----	------	------	------

65	29.5	23.0	34.6
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92	18.1	14.5	21.7
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#34

Hexachlorobutadiene

Concen: 5.721 ng

RT: 11.033 min Scan# 1351

Delta R.T. -0.006 min

Lab File: BM044044.D

Acq: 09 Feb 2024 17:54

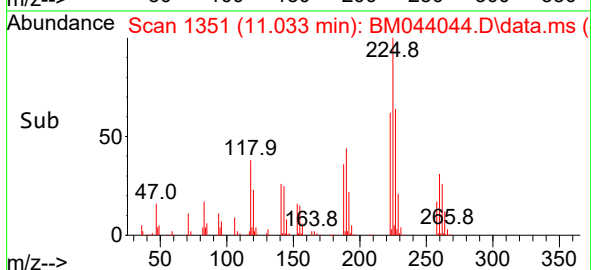
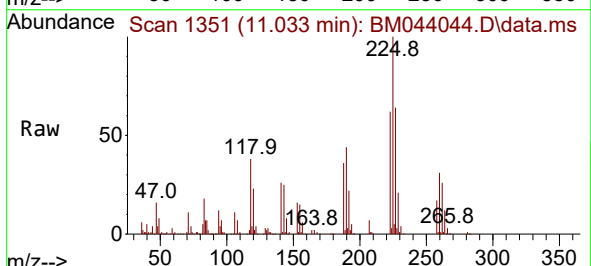
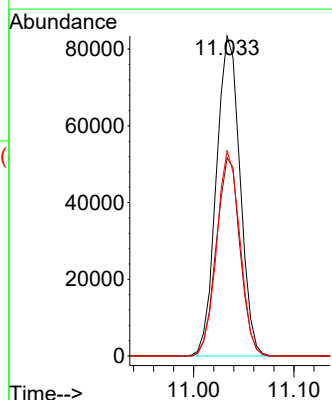
Tgt Ion:225 Resp: 136915

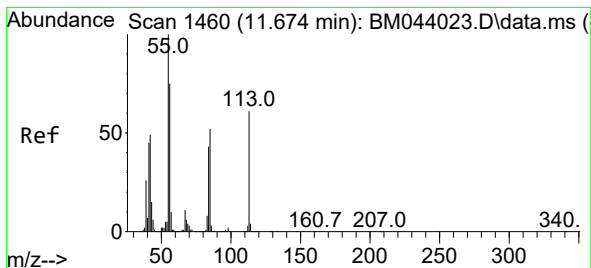
Ion	Ratio	Lower	Upper
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225	100		
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223	62.0	49.9	74.9
-----	------	------	------

227	64.1	50.6	76.0
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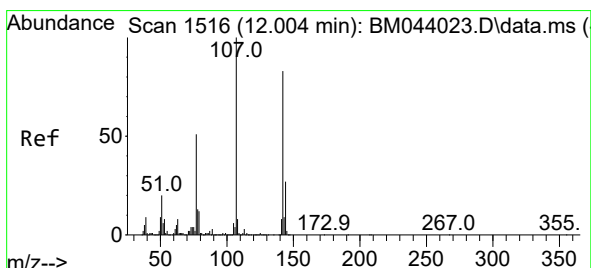
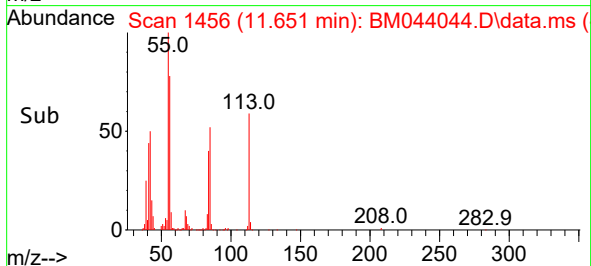
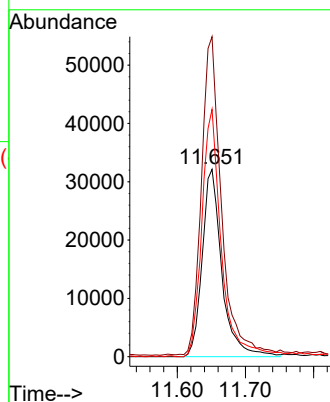
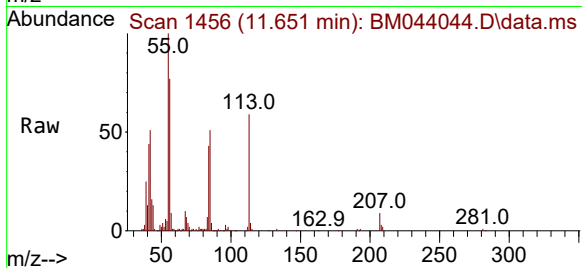




#35
Caprolactam
Concen: 5.379 ng
RT: 11.651 min Scan# 1456
Delta R.T. -0.024 min
Lab File: BM044044.D
Acq: 09 Feb 2024 17:54

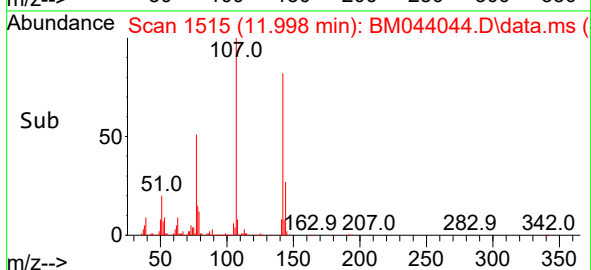
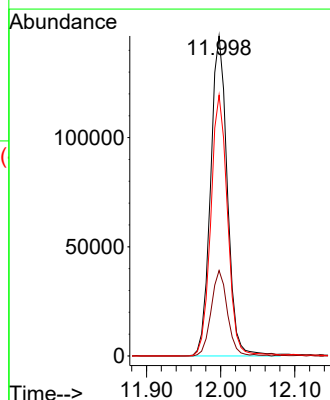
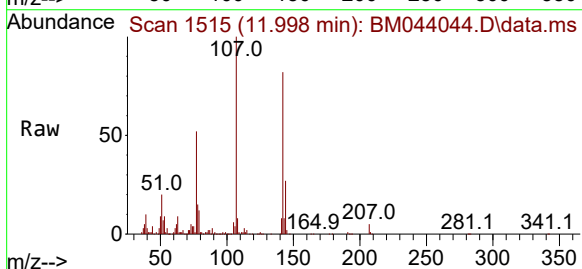
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

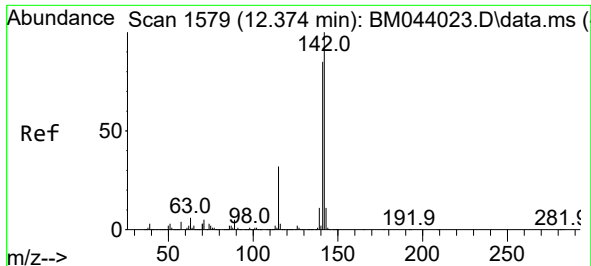
Tgt Ion:113 Resp: 64353
Ion Ratio Lower Upper
113 100
55 170.7 145.6 185.6
56 132.0 103.3 143.3



#36
4-Chloro-3-methylphenol
Concen: 5.724 ng
RT: 11.998 min Scan# 1515
Delta R.T. -0.006 min
Lab File: BM044044.D
Acq: 09 Feb 2024 17:54

Tgt Ion:107 Resp: 230450
Ion Ratio Lower Upper
107 100
144 26.7 21.3 31.9
142 81.5 66.2 99.4

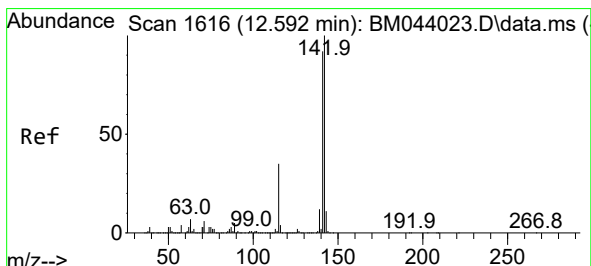
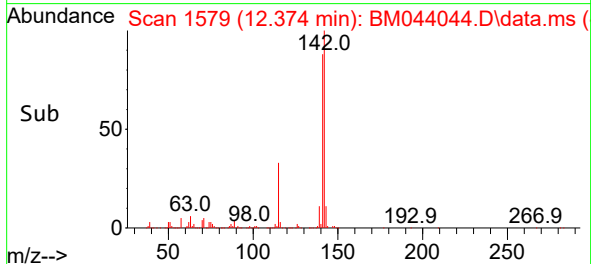
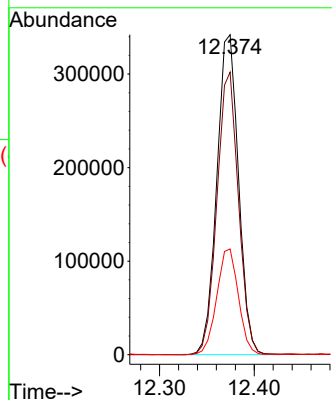
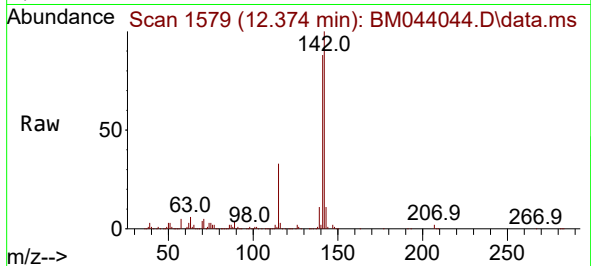




#37
2-Methylnaphthalene
Concen: 6.004 ng
RT: 12.374 min Scan# 1579
Delta R.T. -0.000 min
Lab File: BM044044.D
Acq: 09 Feb 2024 17:54

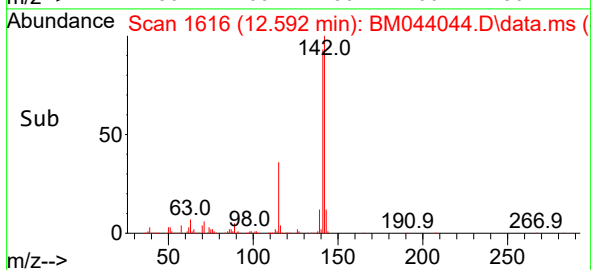
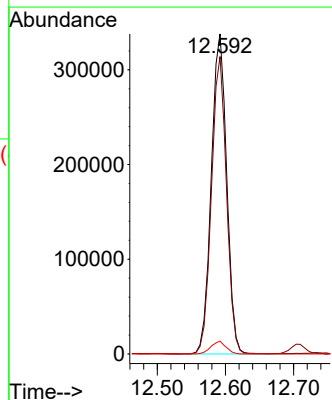
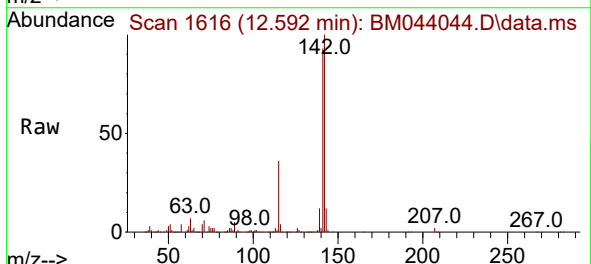
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

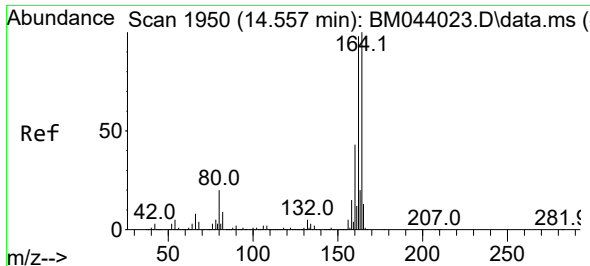
Tgt Ion:	142	Resp:	544840
Ion	Ratio	Lower	Upper
142	100		
141	88.3	68.3	102.5
115	33.0	25.7	38.5



#38
1-Methylnaphthalene
Concen: 5.960 ng
RT: 12.592 min Scan# 1616
Delta R.T. -0.000 min
Lab File: BM044044.D
Acq: 09 Feb 2024 17:54

Tgt Ion:	142	Resp:	531458
Ion	Ratio	Lower	Upper
142	100		
141	93.0	73.4	110.0
116	4.0	3.0	4.4

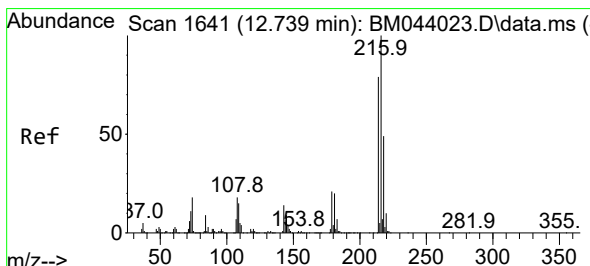
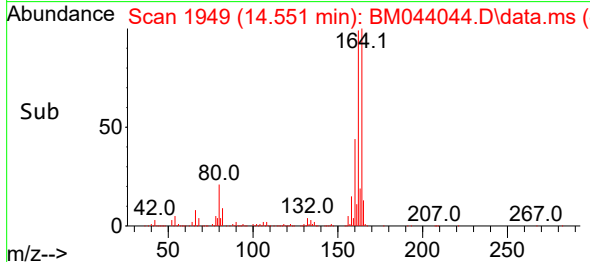
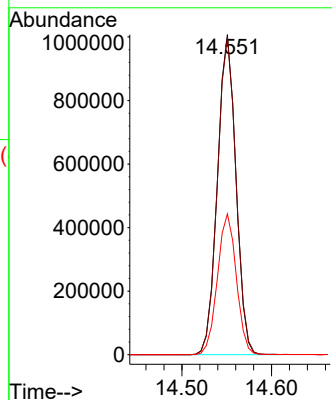
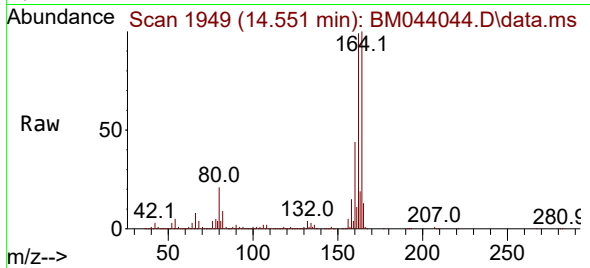




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.551 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BM044044.D
Acq: 09 Feb 2024 17:54

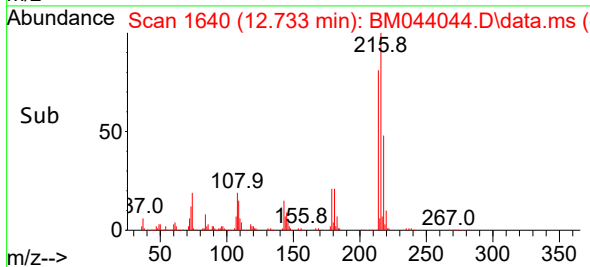
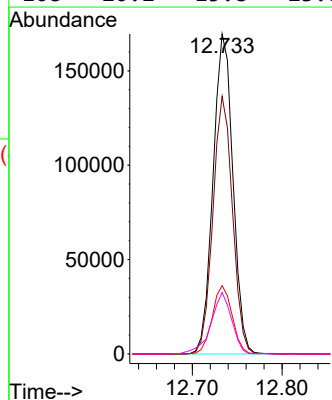
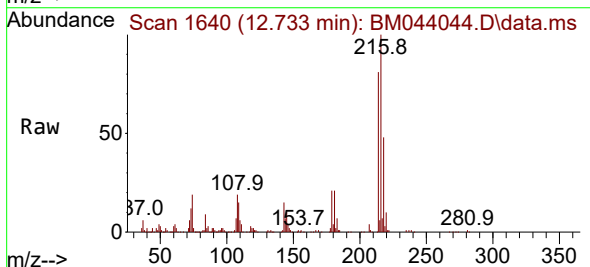
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

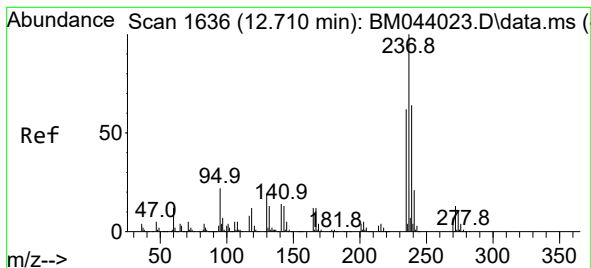
Tgt Ion:164 Resp: 1440593
Ion Ratio Lower Upper
164 100
162 99.2 78.4 117.6
160 44.0 34.6 51.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 6.218 ng
RT: 12.733 min Scan# 1640
Delta R.T. -0.006 min
Lab File: BM044044.D
Acq: 09 Feb 2024 17:54

Tgt Ion:216 Resp: 260363
Ion Ratio Lower Upper
216 100
214 79.4 63.1 94.7
179 21.5 17.0 25.6
108 20.2 15.8 23.8





#41

Hexachlorocyclopentadiene

Concen: 6.099 ng

RT: 12.710 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM044044.D

Acq: 09 Feb 2024 17:54

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

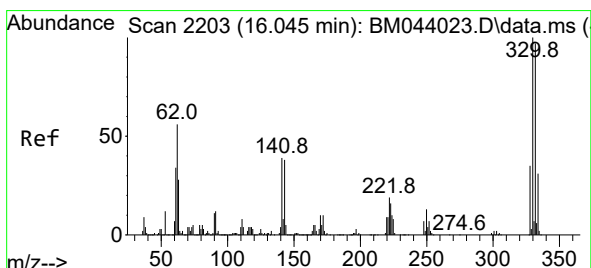
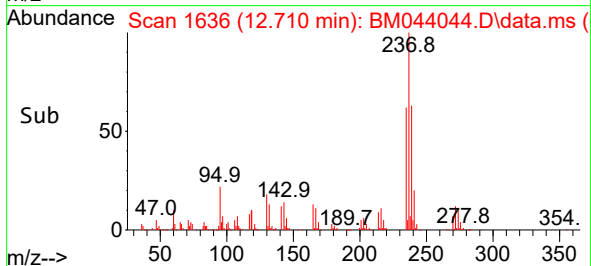
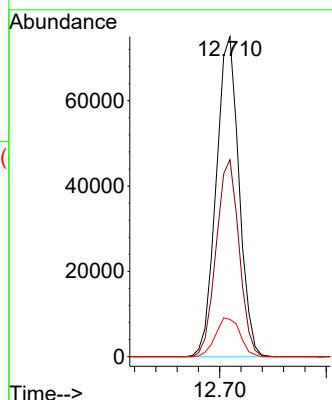
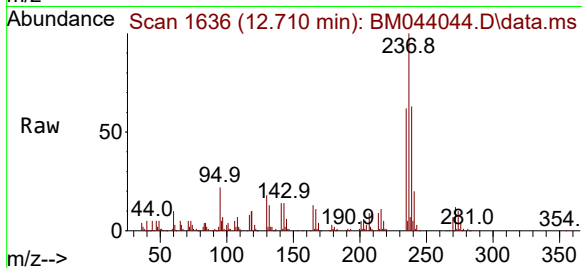
Tgt Ion:237 Resp: 111458

Ion Ratio Lower Upper

237 100

235 61.6 42.4 82.4

272 11.6 0.0 33.3



#42

2,4,6-Tribromophenol

Concen: 82.625 ng

RT: 16.045 min Scan# 2203

Delta R.T. -0.000 min

Lab File: BM044044.D

Acq: 09 Feb 2024 17:54

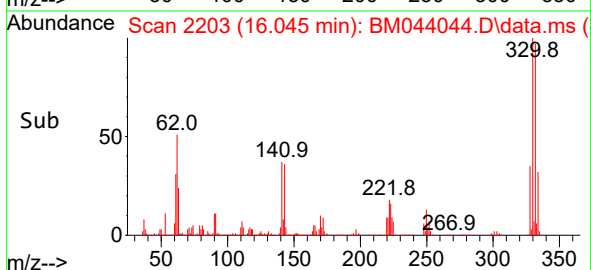
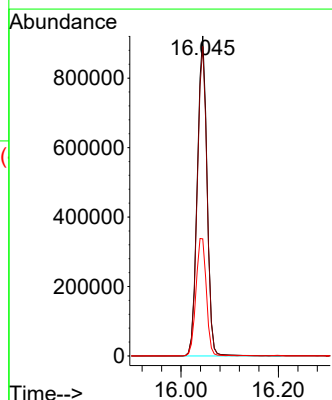
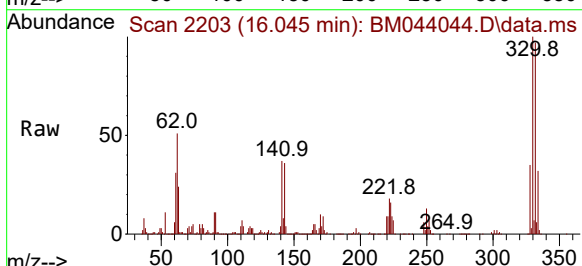
Tgt Ion:330 Resp: 1288760

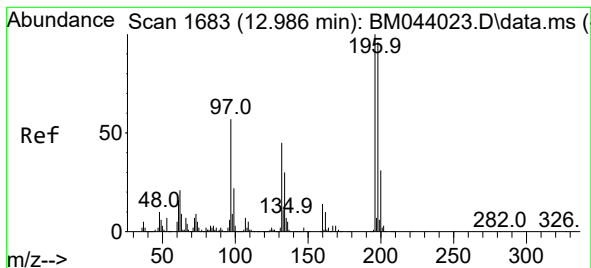
Ion Ratio Lower Upper

330 100

332 96.7 77.7 116.5

141 39.0 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 5.617 ng

RT: 12.980 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM044044.D

Acq: 09 Feb 2024 17:54

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

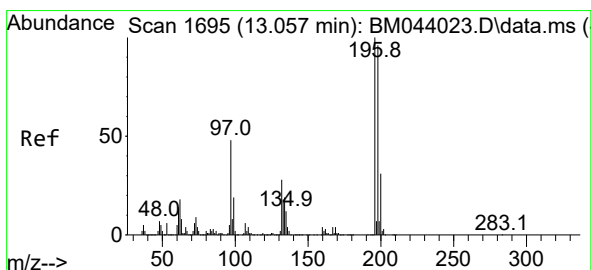
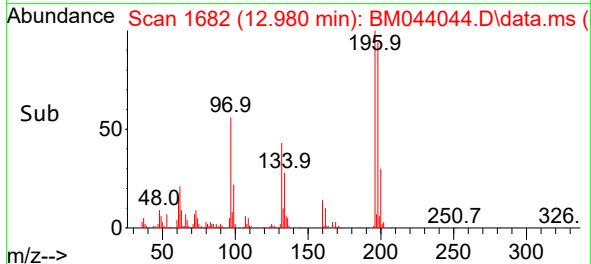
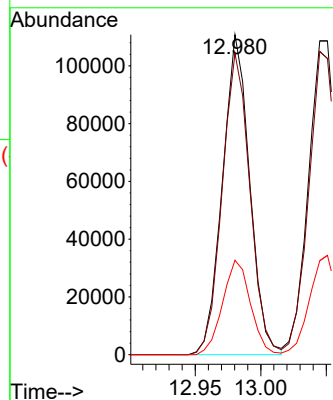
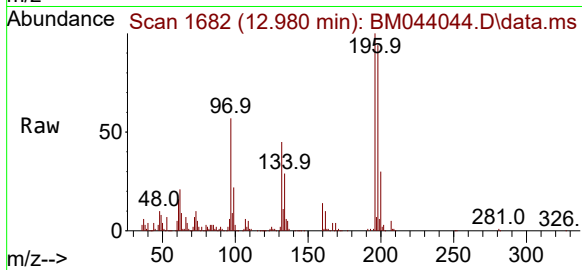
Tgt Ion:196 Resp: 160060

Ion Ratio Lower Upper

196 100

198 94.2 76.8 115.2

200 29.5 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 5.528 ng

RT: 13.051 min Scan# 1694

Delta R.T. -0.006 min

Lab File: BM044044.D

Acq: 09 Feb 2024 17:54

Tgt Ion:196 Resp: 172882

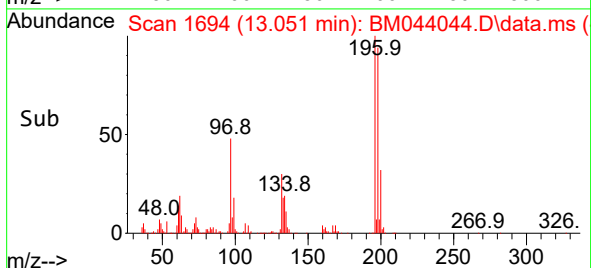
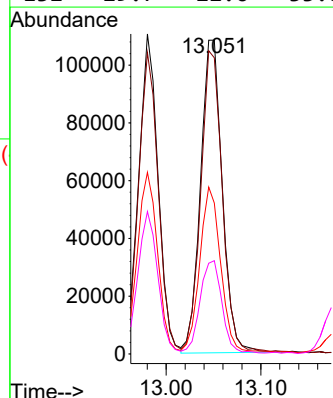
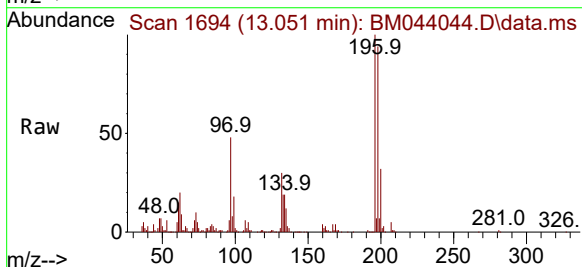
Ion Ratio Lower Upper

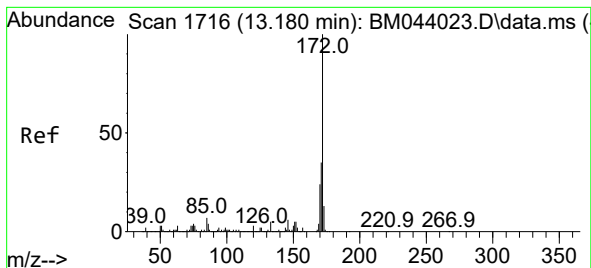
196 100

198 94.4 76.9 115.3

97 48.1 39.0 58.4

132 29.7 22.6 33.8





#45

2-Fluorobiphenyl

Concen: 58.937 ng

RT: 13.180 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM044044.D

Acq: 09 Feb 2024 17:54

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

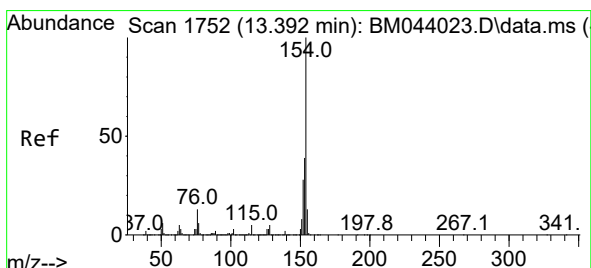
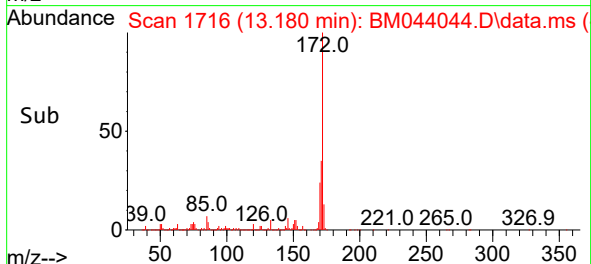
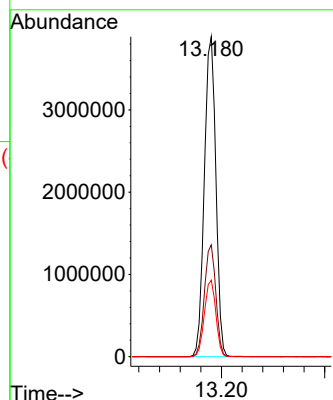
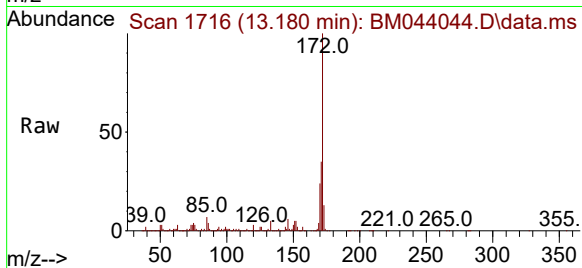
Tgt Ion:172 Resp: 6015931

Ion Ratio Lower Upper

172 100

171 35.0 27.9 41.9

170 23.9 19.0 28.4



#46

1,1'-Biphenyl

Concen: 6.396 ng

RT: 13.386 min Scan# 1751

Delta R.T. -0.006 min

Lab File: BM044044.D

Acq: 09 Feb 2024 17:54

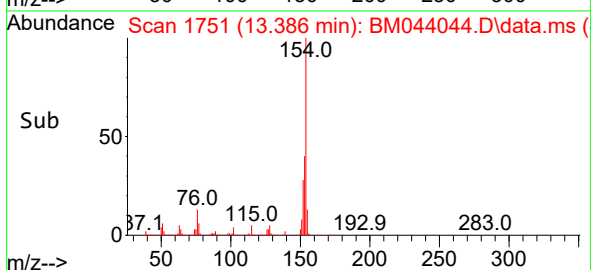
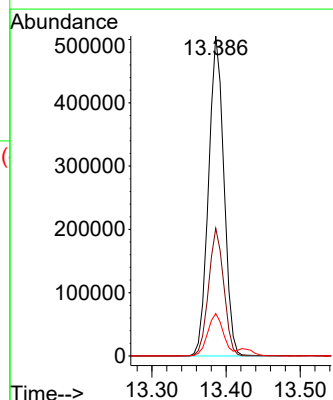
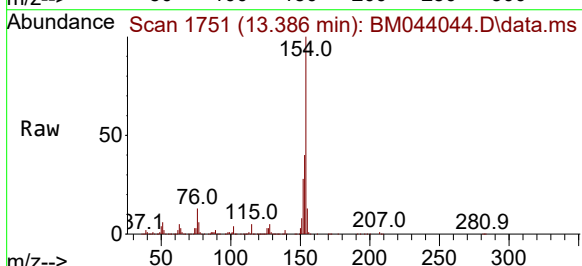
Tgt Ion:154 Resp: 727075

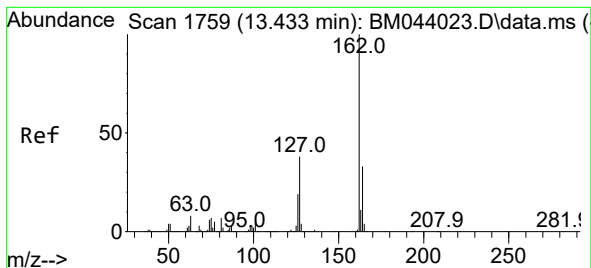
Ion Ratio Lower Upper

154 100

153 39.9 19.4 59.4

76 13.2 0.0 32.9





#47

2-Chloronaphthalene

Concen: 6.046 ng

RT: 13.427 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM044044.D

Acq: 09 Feb 2024 17:54

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

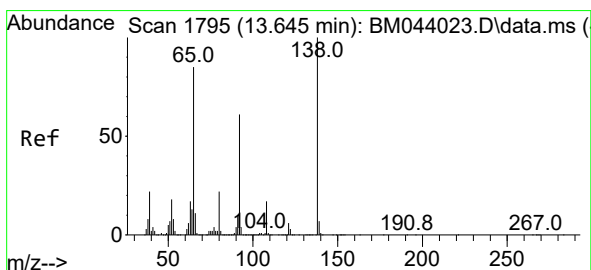
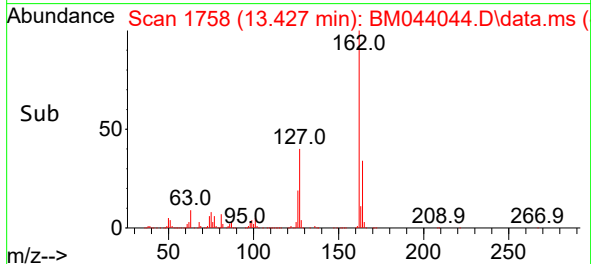
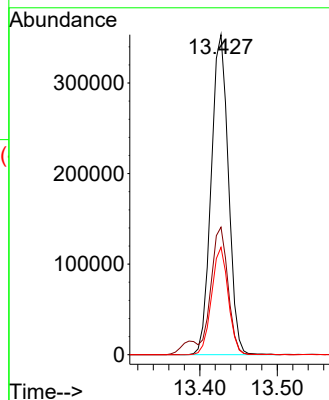
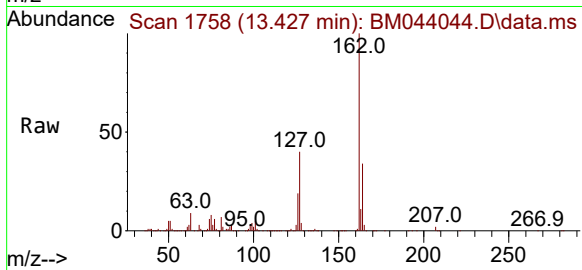
Tgt Ion:162 Resp: 544439

Ion Ratio Lower Upper

162 100

127 39.9 30.9 46.3

164 33.6 26.4 39.6



#48

2-Nitroaniline

Concen: 5.710 ng

RT: 13.639 min Scan# 1794

Delta R.T. -0.006 min

Lab File: BM044044.D

Acq: 09 Feb 2024 17:54

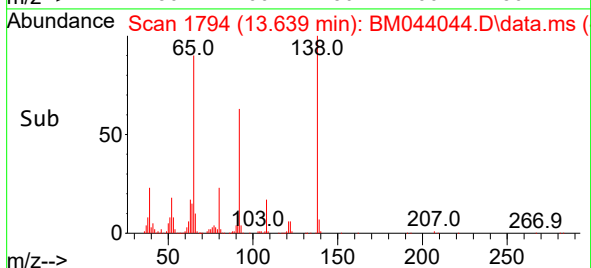
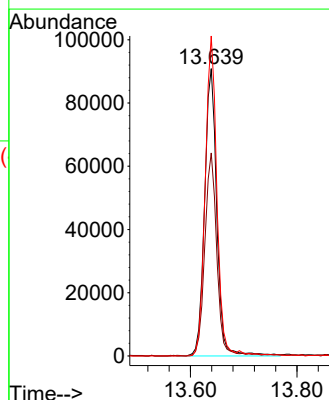
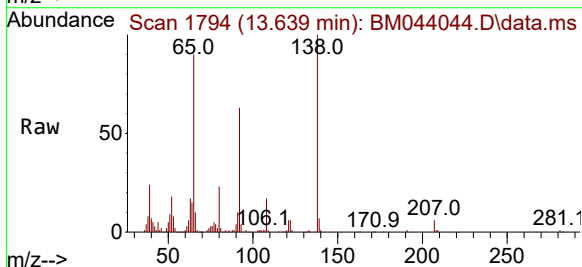
Tgt Ion: 65 Resp: 144641

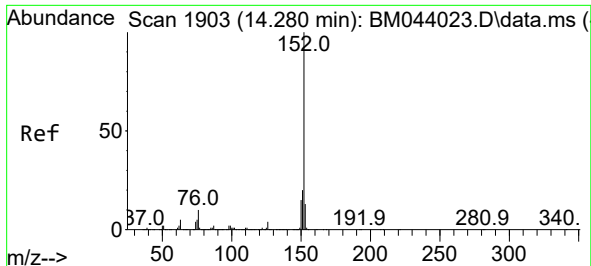
Ion Ratio Lower Upper

65 100

92 70.7 58.1 87.1

138 111.4 94.6 142.0

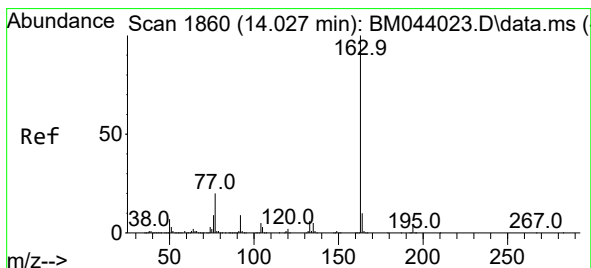
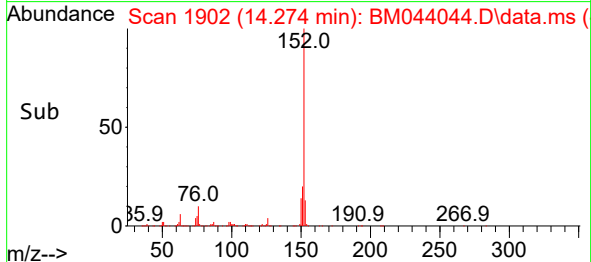
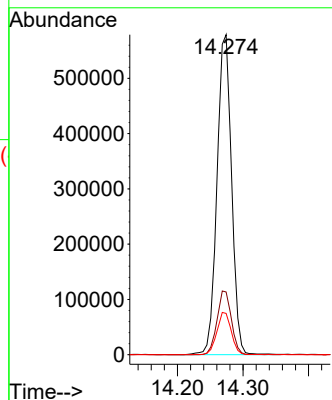
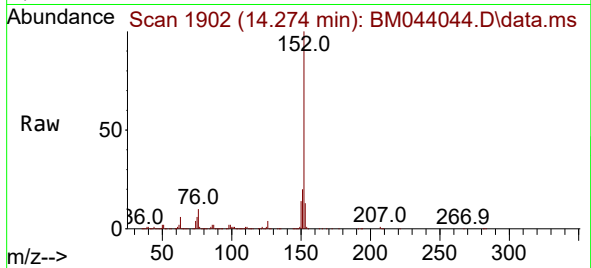




#49
Acenaphthylene
Concen: 6.620 ng
RT: 14.274 min Scan# 1903
Delta R.T. -0.006 min
Lab File: BM044044.D
Acq: 09 Feb 2024 17:54

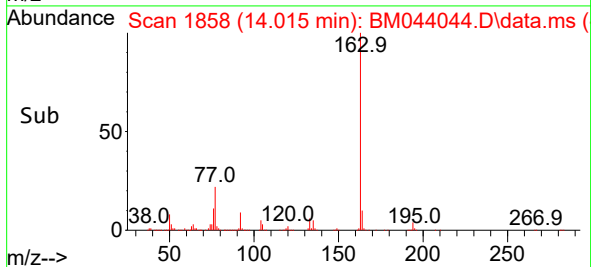
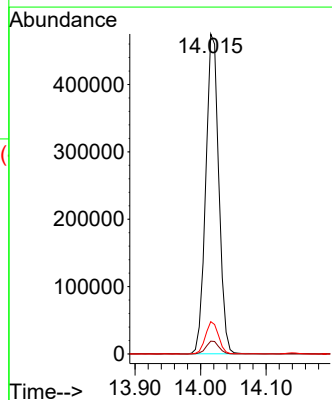
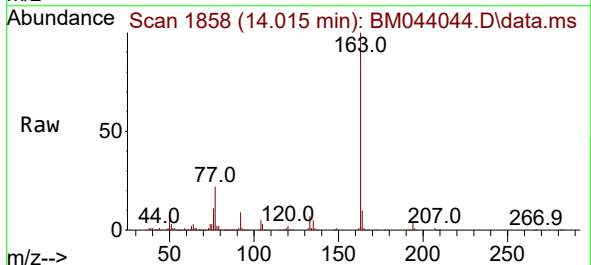
Instrument : BNA_M
ClientSampleId : LOD-MDL-WATER-01-QT1-2024

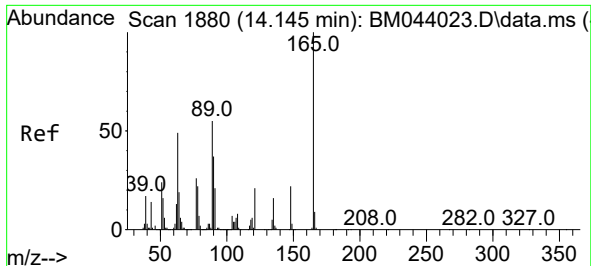
Tgt Ion:152 Resp: 889340
Ion Ratio Lower Upper
152 100
151 19.6 15.8 23.6
153 12.9 10.5 15.7



#50
Dimethylphthalate
Concen: 6.148 ng
RT: 14.015 min Scan# 1858
Delta R.T. -0.012 min
Lab File: BM044044.D
Acq: 09 Feb 2024 17:54

Tgt Ion:163 Resp: 656634
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.1 8.2 12.2

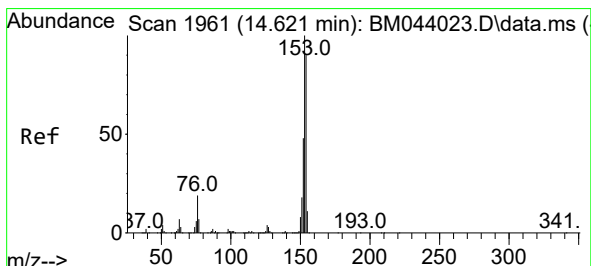
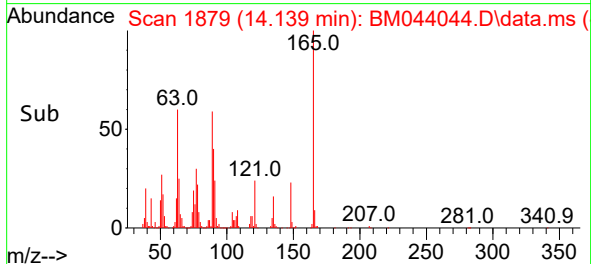
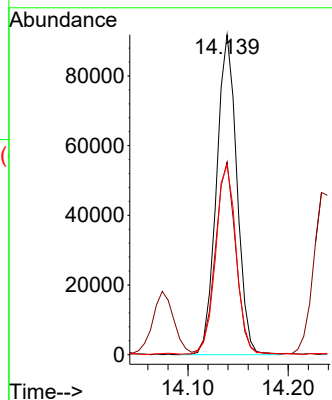
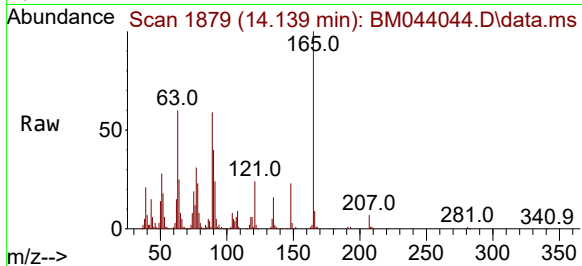




#51
2,6-Dinitrotoluene
Concen: 5.498 ng
RT: 14.139 min Scan# 1880
Delta R.T. -0.006 min
Lab File: BM044044.D
Acq: 09 Feb 2024 17:54

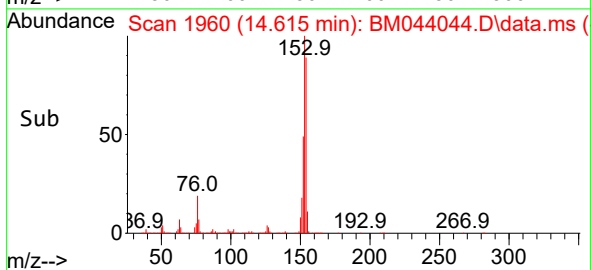
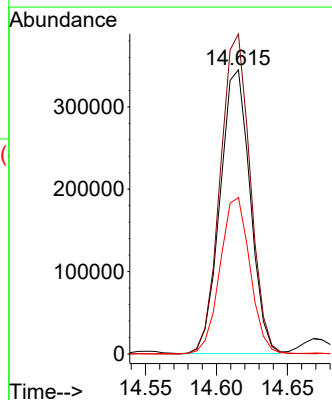
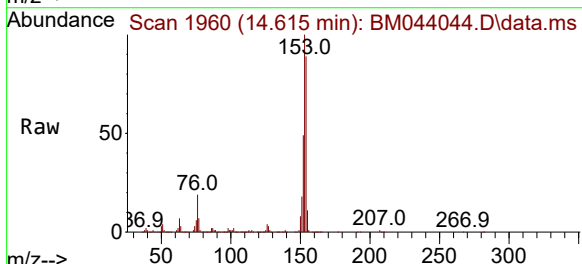
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

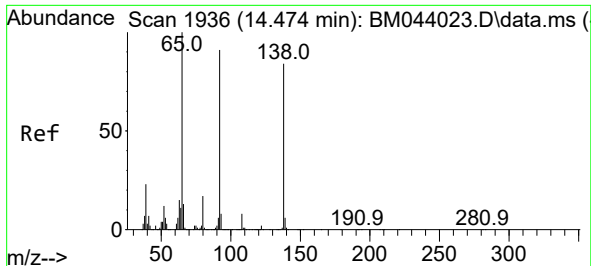
Tgt Ion:165 Resp: 129552
Ion Ratio Lower Upper
165 100
63 60.2 43.5 65.3
89 59.3 44.4 66.6



#52
Acenaphthene
Concen: 6.109 ng
RT: 14.615 min Scan# 1960
Delta R.T. -0.006 min
Lab File: BM044044.D
Acq: 09 Feb 2024 17:54

Tgt Ion:154 Resp: 507929
Ion Ratio Lower Upper
154 100
153 112.6 89.3 133.9
152 55.1 43.0 64.6

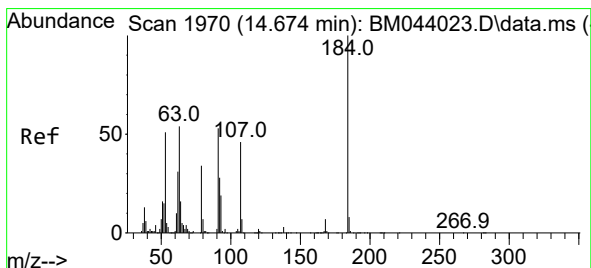
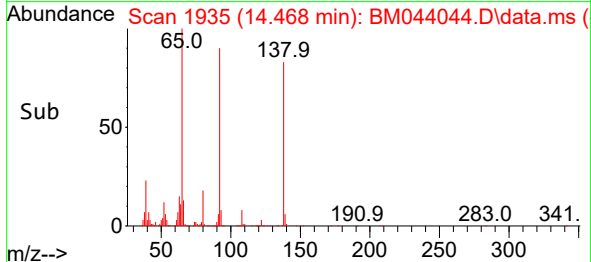
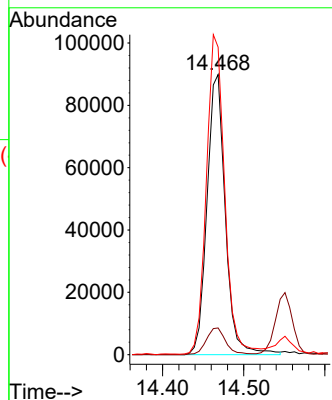
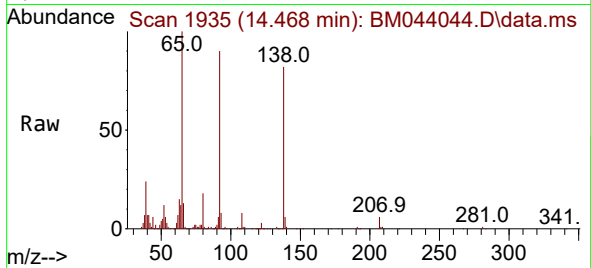




#53
3-Nitroaniline
Concen: 5.556 ng
RT: 14.468 min Scan# 1936
Delta R.T. -0.006 min
Lab File: BM044044.D
Acq: 09 Feb 2024 17:54

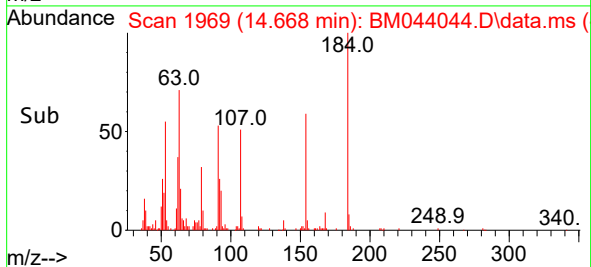
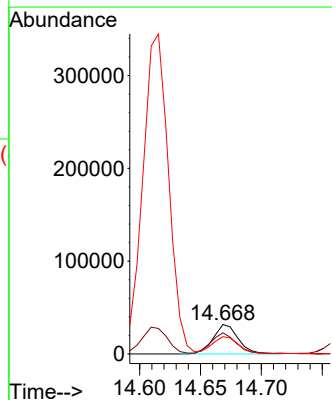
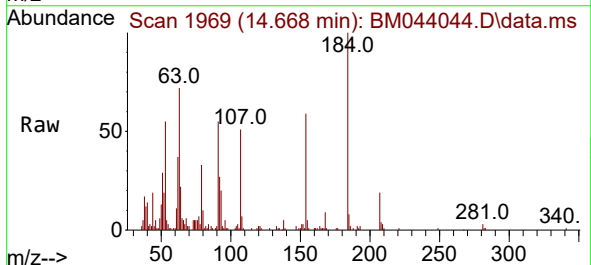
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

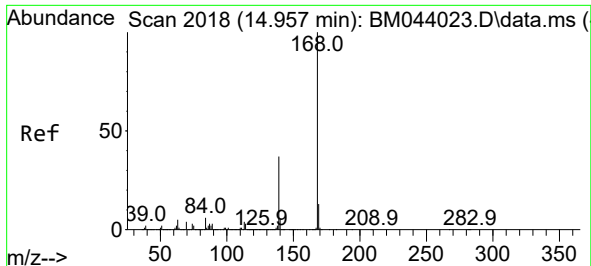
Tgt Ion:138 Resp: 140702
Ion Ratio Lower Upper
138 100
108 9.6 7.6 11.4
92 109.8 86.5 129.7



#54
2,4-Dinitrophenol
Concen: 8.589 ng
RT: 14.668 min Scan# 1969
Delta R.T. -0.006 min
Lab File: BM044044.D
Acq: 09 Feb 2024 17:54

Tgt Ion:184 Resp: 45638
Ion Ratio Lower Upper
184 100
63 71.6 55.4 83.2
154 58.8 49.2 73.8

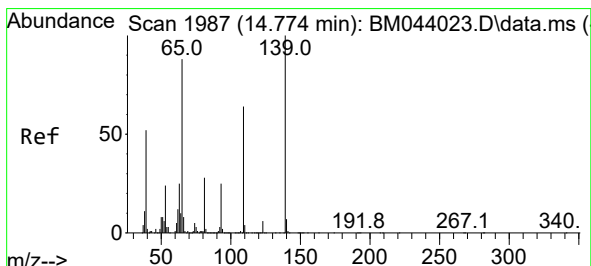
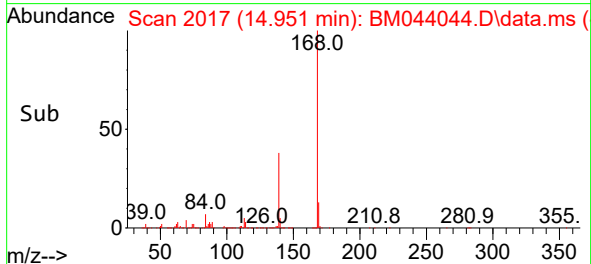
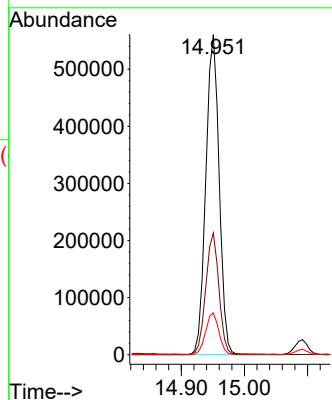
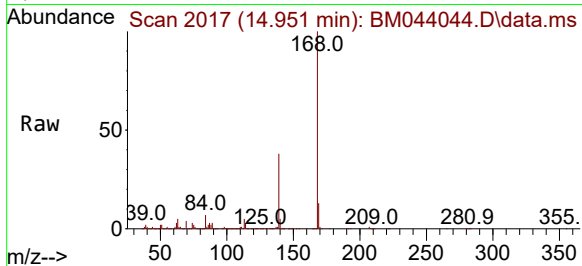




#55
Dibenzofuran
Concen: 6.410 ng
RT: 14.951 min Scan# 20
Delta R.T. -0.006 min
Lab File: BM044044.D
Acq: 09 Feb 2024 17:54

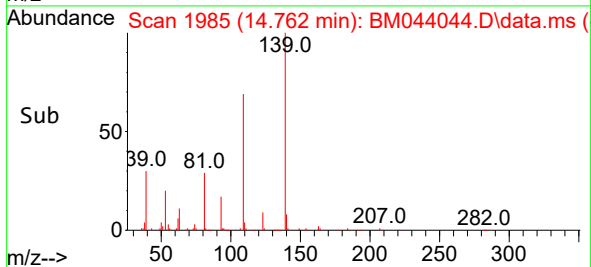
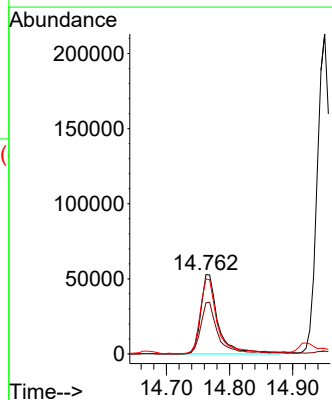
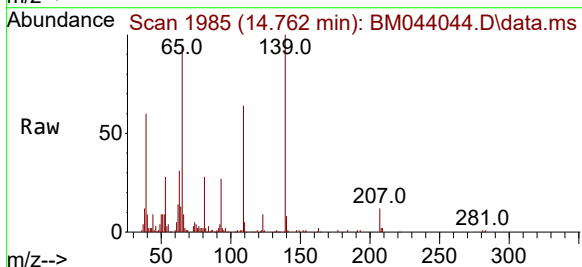
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

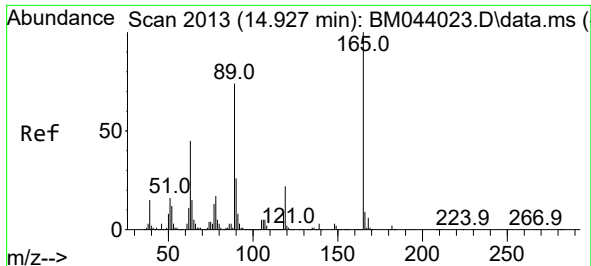
Tgt Ion:168 Resp: 824861
Ion Ratio Lower Upper
168 100
139 38.0 29.6 44.4
169 13.1 10.5 15.7



#56
4-Nitrophenol
Concen: 4.893 ng
RT: 14.762 min Scan# 1985
Delta R.T. -0.012 min
Lab File: BM044044.D
Acq: 09 Feb 2024 17:54

Tgt Ion:139 Resp: 100741
Ion Ratio Lower Upper
139 100
109 64.5 43.8 83.8
65 94.4 67.7 107.7

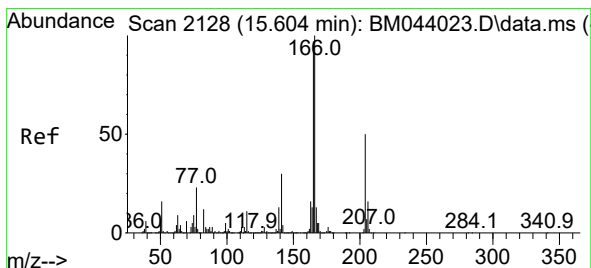
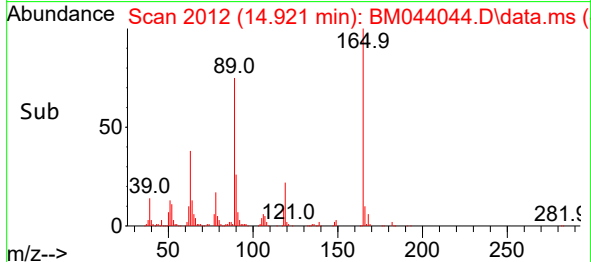
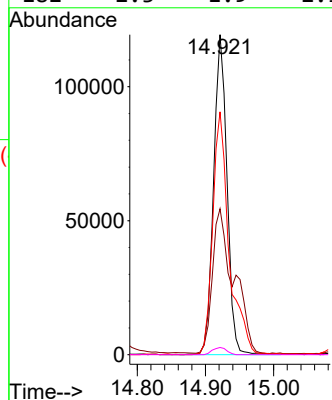
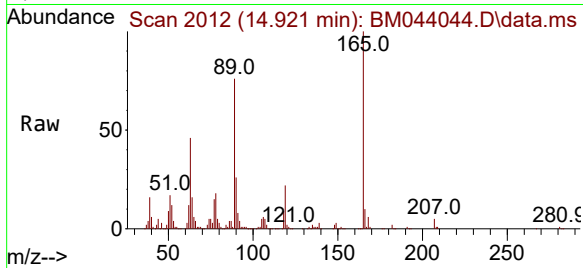




#57
2,4-Dinitrotoluene
Concen: 5.309 ng
RT: 14.921 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BM044044.D
Acq: 09 Feb 2024 17:54

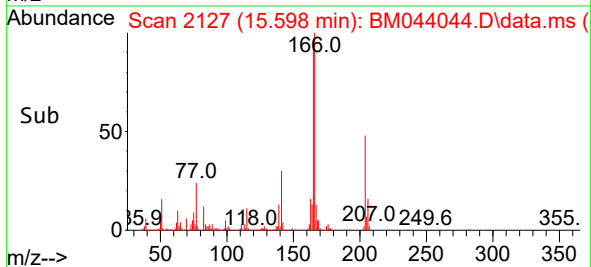
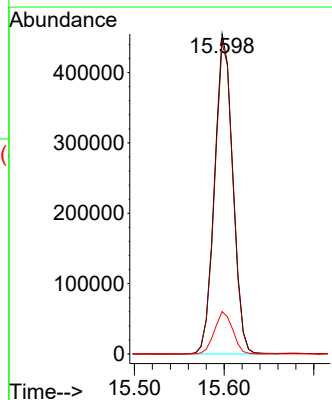
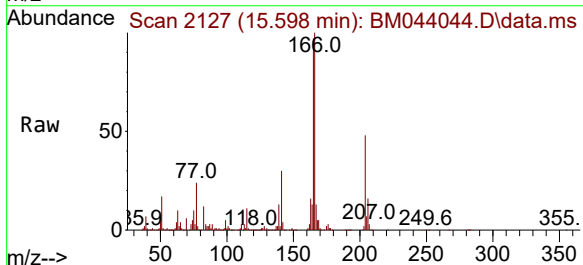
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

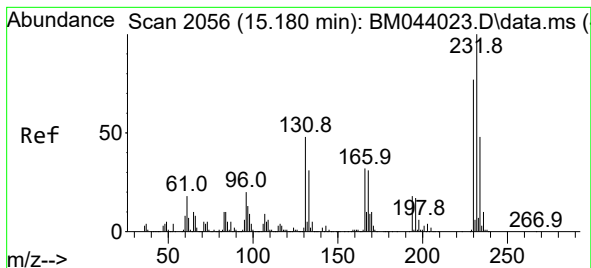
Tgt Ion:	165	Resp:	163524
Ion	Ratio	Lower	Upper
165	100		
63	45.6	35.9	53.9
89	75.9	58.9	88.3
182	2.3	1.9	2.9



#58
Fluorene
Concen: 6.457 ng
RT: 15.598 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BM044044.D
Acq: 09 Feb 2024 17:54

Tgt Ion:	166	Resp:	642080
Ion	Ratio	Lower	Upper
166	100		
165	97.3	77.7	116.5
167	13.3	10.7	16.1

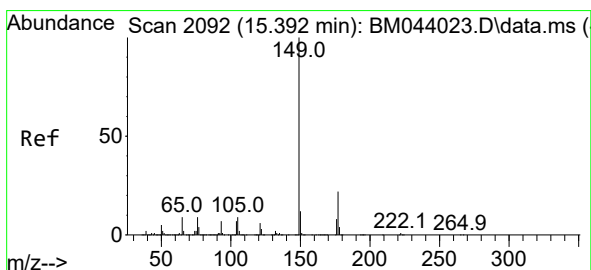
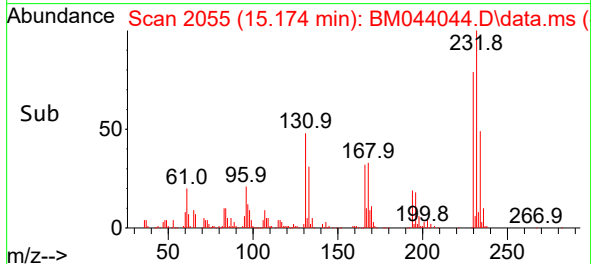
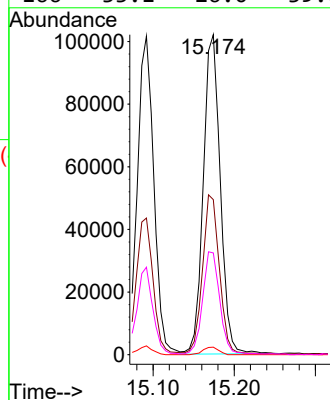
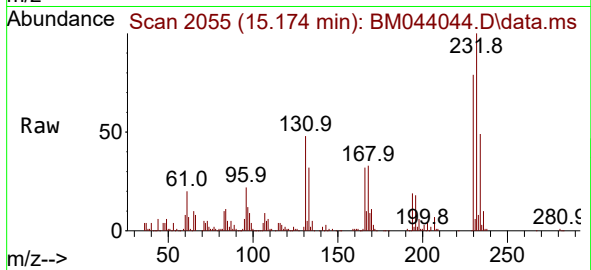




#59
2,3,4,6-Tetrachlorophenol
Concen: 6.038 ng
RT: 15.174 min Scan# 2055
Delta R.T. -0.006 min
Lab File: BM044044.D
Acq: 09 Feb 2024 17:54

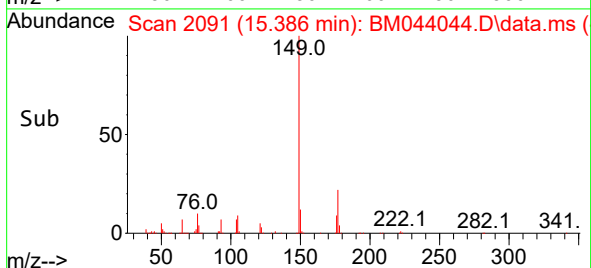
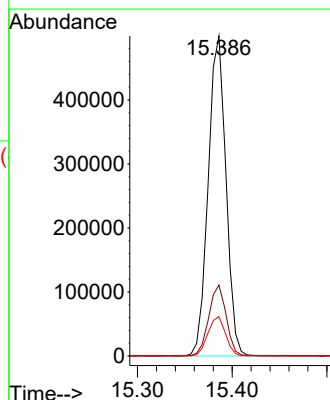
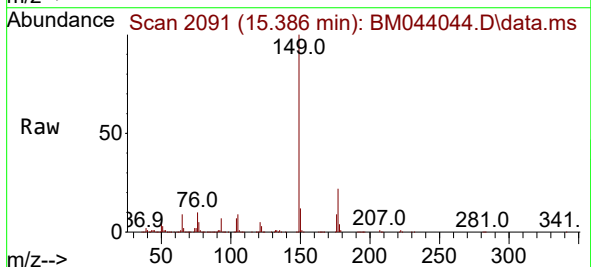
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

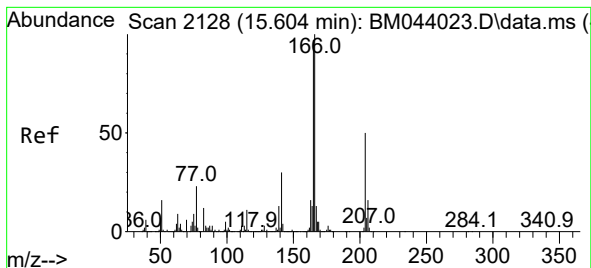
Tgt Ion:232 Resp: 148174
Ion Ratio Lower Upper
232 100
131 49.3 39.5 59.3
130 2.2 2.0 3.0
166 33.1 26.0 39.0



#60
Diethylphthalate
Concen: 5.883 ng
RT: 15.386 min Scan# 2091
Delta R.T. -0.006 min
Lab File: BM044044.D
Acq: 09 Feb 2024 17:54

Tgt Ion:149 Resp: 649411
Ion Ratio Lower Upper
149 100
177 22.1 17.5 26.3
150 12.3 9.8 14.6

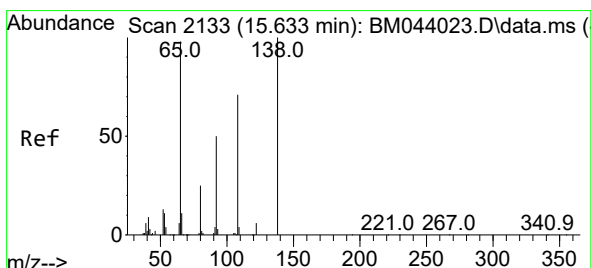
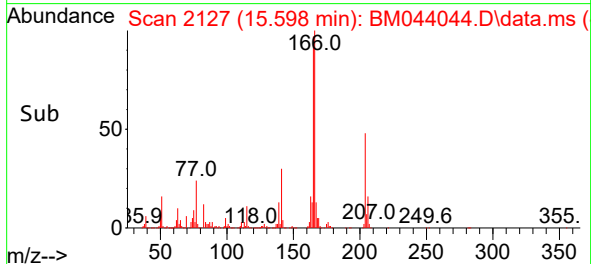
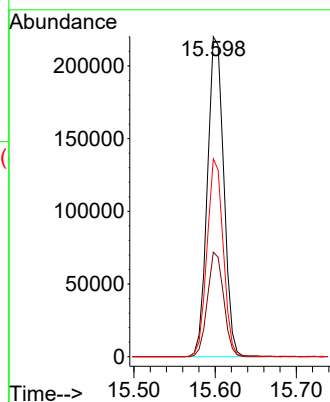
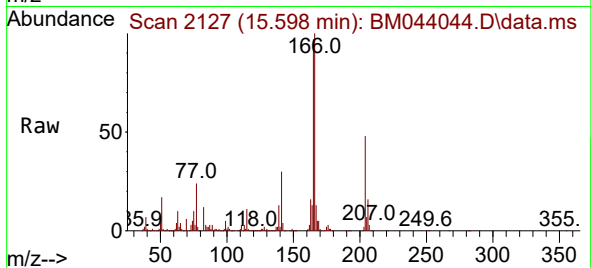




#61
4-Chlorophenyl-phenylether
Concen: 6.381 ng
RT: 15.598 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BM044044.D
Acq: 09 Feb 2024 17:54

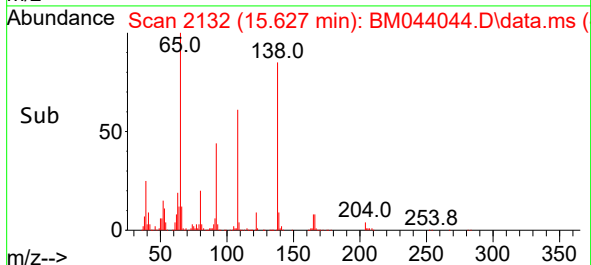
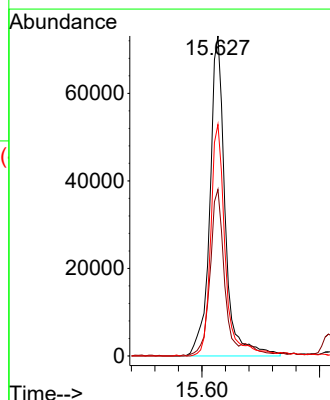
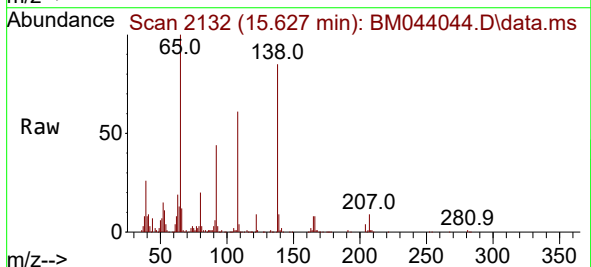
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

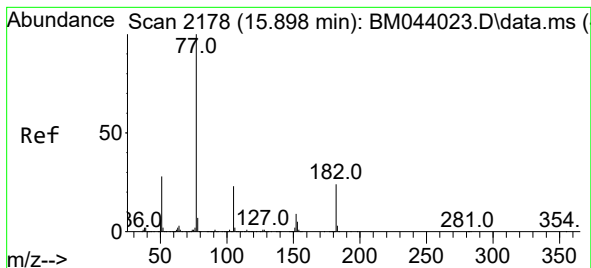
Tgt Ion:204 Resp: 307470
Ion Ratio Lower Upper
204 100
206 32.7 26.3 39.5
141 61.9 47.7 71.5



#62
4-Nitroaniline
Concen: 5.166 ng
RT: 15.627 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BM044044.D
Acq: 09 Feb 2024 17:54

Tgt Ion:138 Resp: 131707
Ion Ratio Lower Upper
138 100
92 52.1 29.6 69.6
108 72.3 47.8 87.8





#63

Azobenzene

Concen: 6.148 ng

RT: 15.892 min Scan# 2177

Delta R.T. -0.006 min

Lab File: BM044044.D

Acq: 09 Feb 2024 17:54

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

Tgt Ion: 77 Resp: 636747

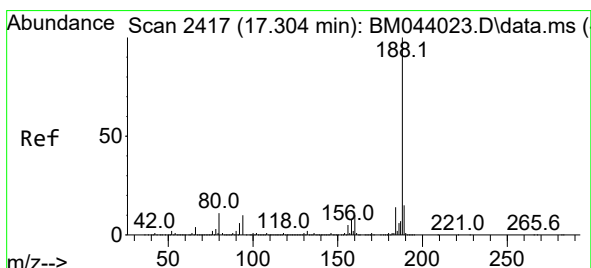
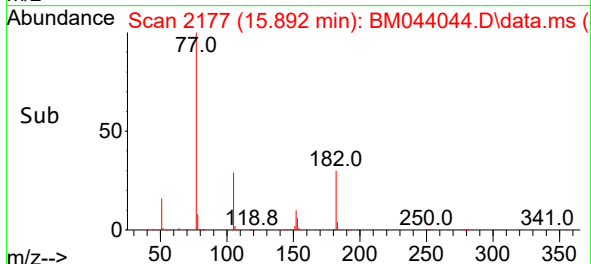
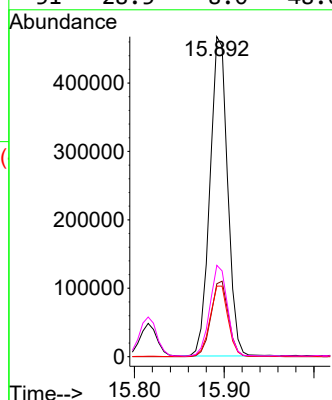
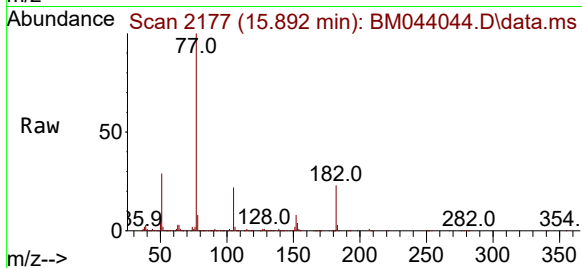
Ion Ratio Lower Upper

77 100

182 22.8 4.0 44.0

105 22.1 3.3 43.3

51 28.5 8.0 48.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.304 min Scan# 2417

Delta R.T. -0.000 min

Lab File: BM044044.D

Acq: 09 Feb 2024 17:54

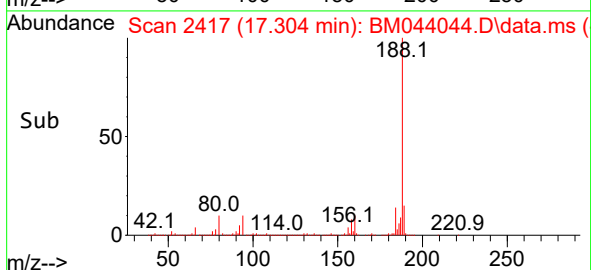
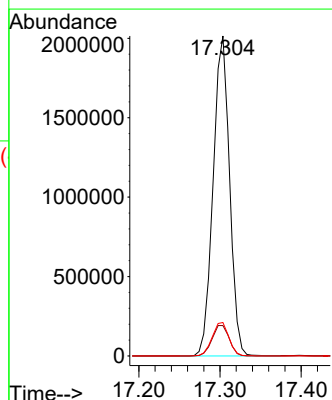
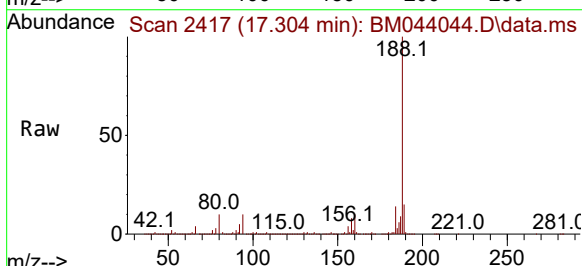
Tgt Ion: 188 Resp: 2833091

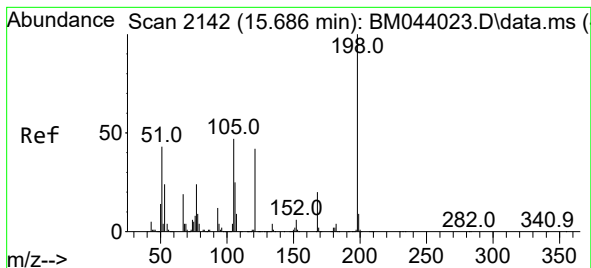
Ion Ratio Lower Upper

188 100

94 9.5 8.2 12.2

80 10.4 8.8 13.2

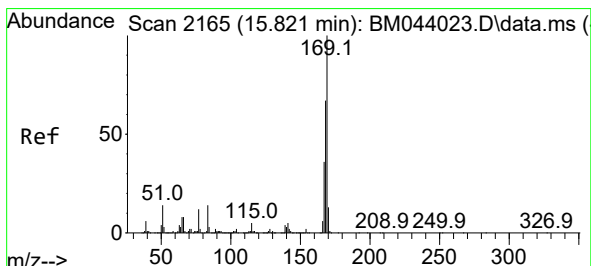
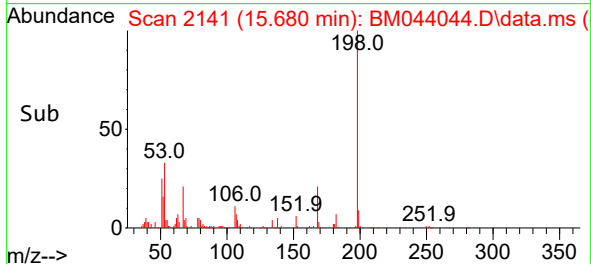
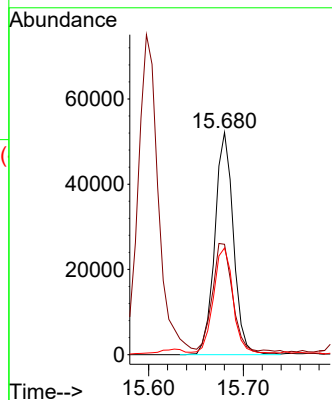
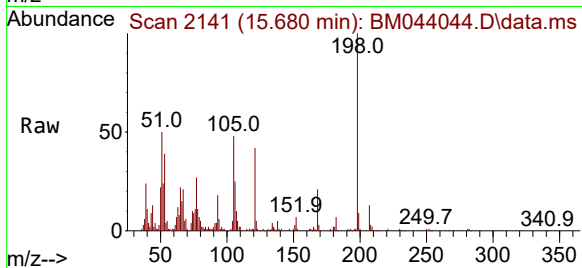




#65
4,6-Dinitro-2-methylphenol
Concen: 4.219 ng
RT: 15.680 min Scan# 2142
Delta R.T. -0.006 min
Lab File: BM044044.D
Acq: 09 Feb 2024 17:54

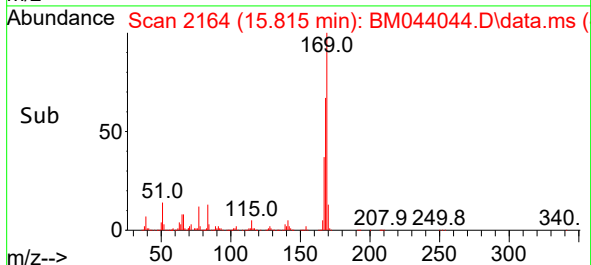
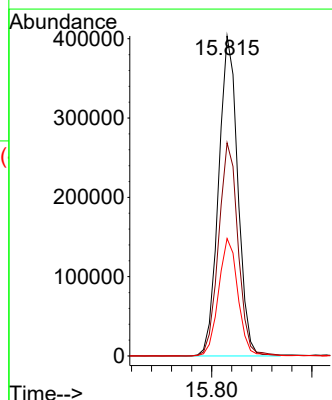
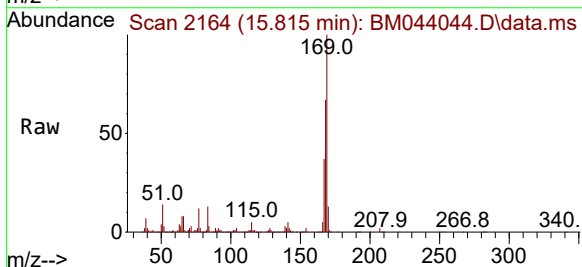
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

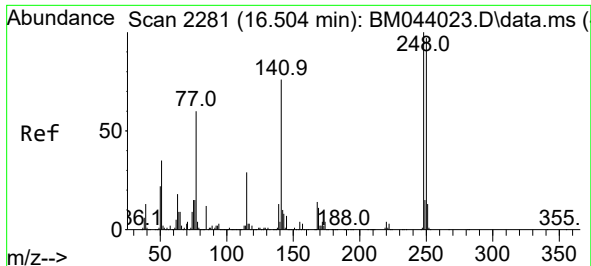
Tgt Ion:198 Resp: 71229
Ion Ratio Lower Upper
198 100
51 49.7 29.9 69.9
105 48.1 28.7 68.7



#66
n-Nitrosodiphenylamine
Concen: 6.219 ng
RT: 15.815 min Scan# 2164
Delta R.T. -0.006 min
Lab File: BM044044.D
Acq: 09 Feb 2024 17:54

Tgt Ion:169 Resp: 535250
Ion Ratio Lower Upper
169 100
168 66.6 53.8 80.8
167 36.7 29.2 43.8

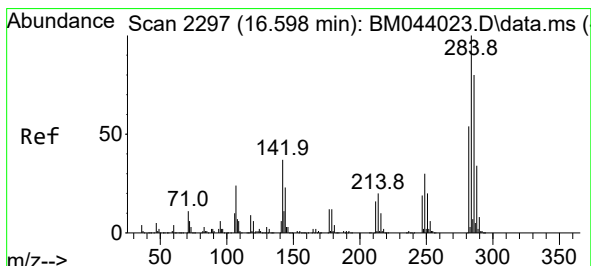
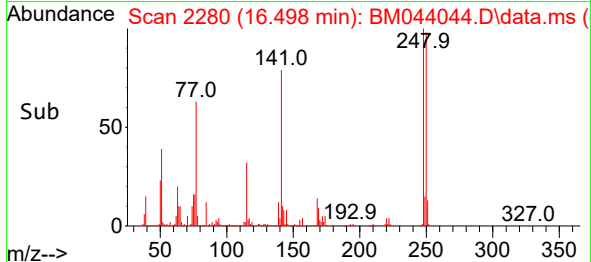
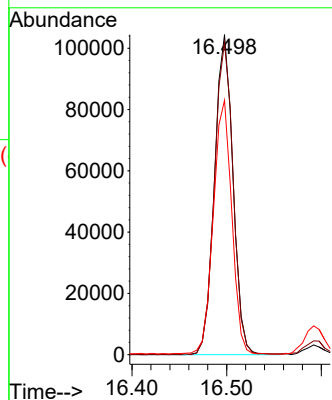
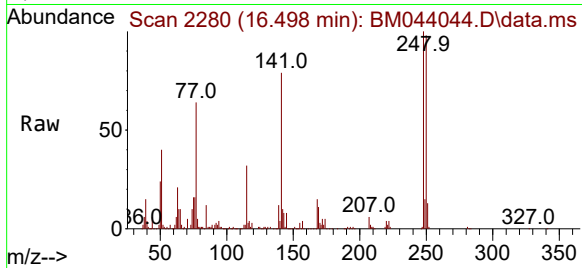




#67
4-Bromophenyl-phenylether
Concen: 5.058 ng
RT: 16.498 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM044044.D
Acq: 09 Feb 2024 17:54

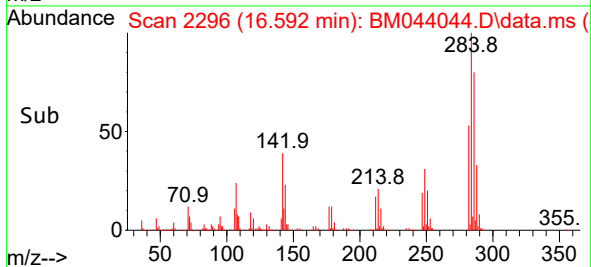
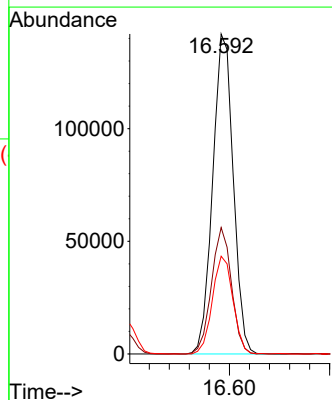
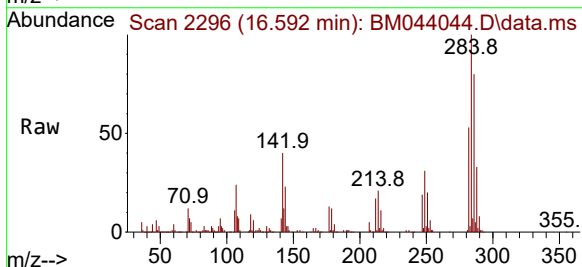
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

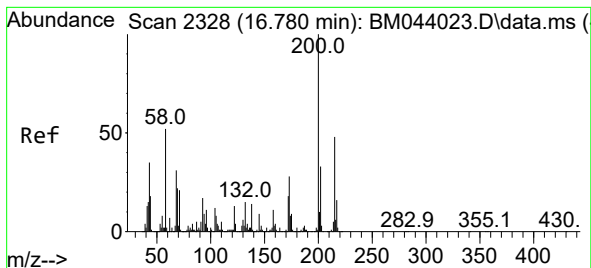
Tgt Ion:248 Resp: 141687
Ion Ratio Lower Upper
248 100
250 97.5 77.4 116.2
141 79.5 61.0 91.6



#68
Hexachlorobenzene
Concen: 5.883 ng
RT: 16.592 min Scan# 2296
Delta R.T. -0.006 min
Lab File: BM044044.D
Acq: 09 Feb 2024 17:54

Tgt Ion:284 Resp: 201850
Ion Ratio Lower Upper
284 100
142 39.5 30.0 45.0
249 30.5 24.1 36.1





#69

Atrazine

Concen: 7.376 ng

RT: 16.774 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM044044.D

Acq: 09 Feb 2024 17:54

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

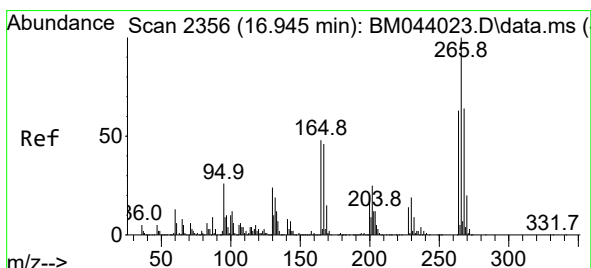
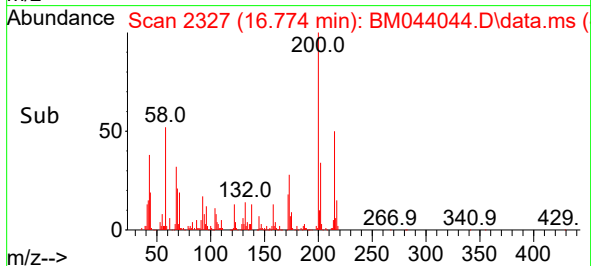
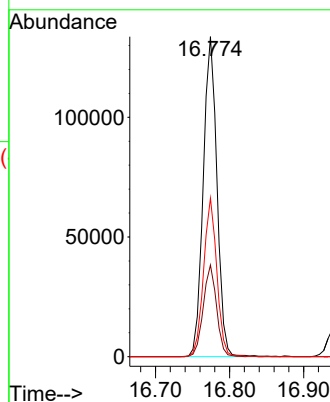
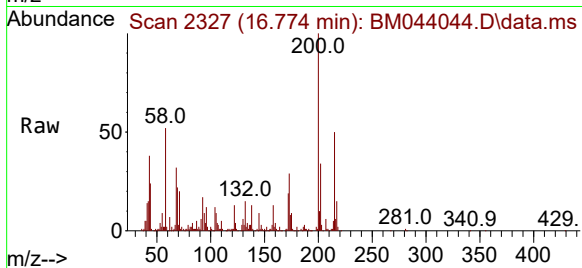
Tgt Ion:200 Resp: 171905

Ion Ratio Lower Upper

200 100

173 28.6 7.9 47.9

215 49.6 27.9 67.9



#70

Pentachlorophenol

Concen: 4.517 ng

RT: 16.945 min Scan# 2356

Delta R.T. -0.000 min

Lab File: BM044044.D

Acq: 09 Feb 2024 17:54

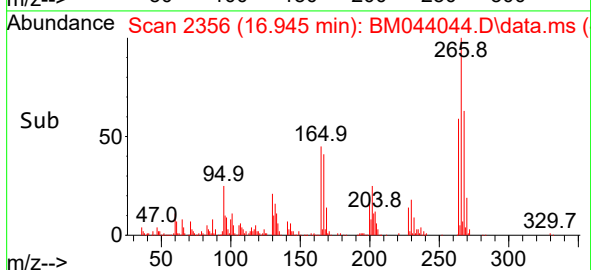
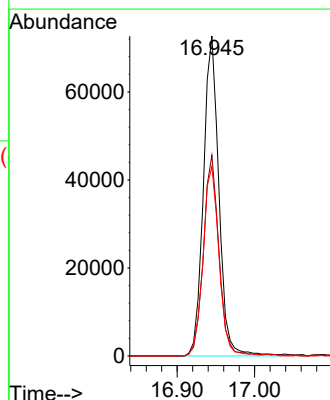
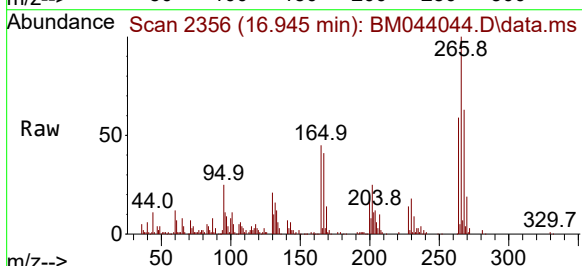
Tgt Ion:266 Resp: 100819

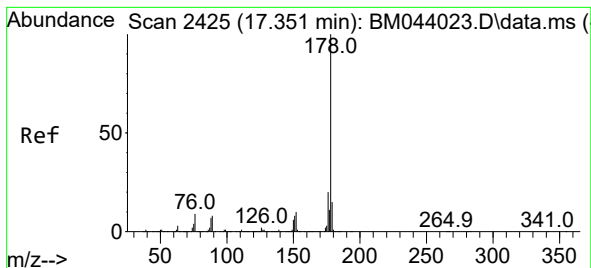
Ion Ratio Lower Upper

266 100

268 62.7 51.1 76.7

264 59.2 50.5 75.7





#71

Phenanthrene

Concen: 6.476 ng

RT: 17.345 min Scan# 2425

Delta R.T. -0.006 min

Lab File: BM044044.D

Acq: 09 Feb 2024 17:54

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

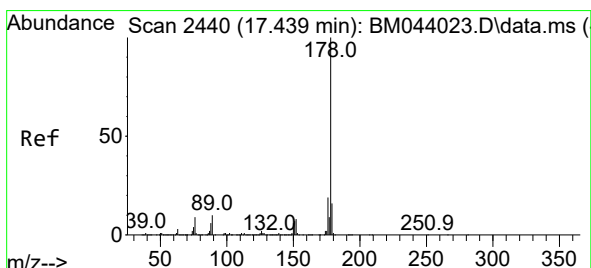
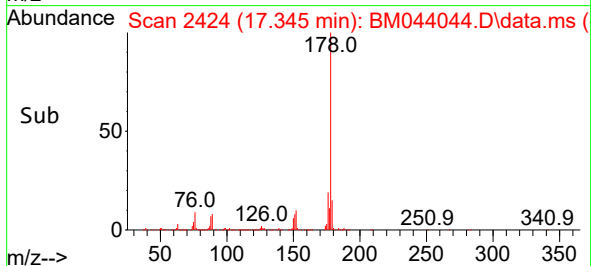
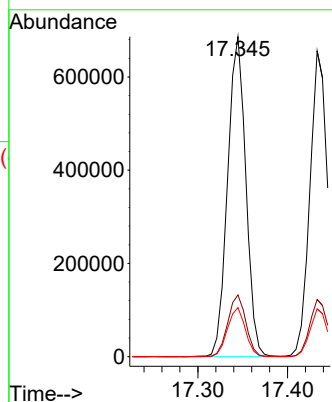
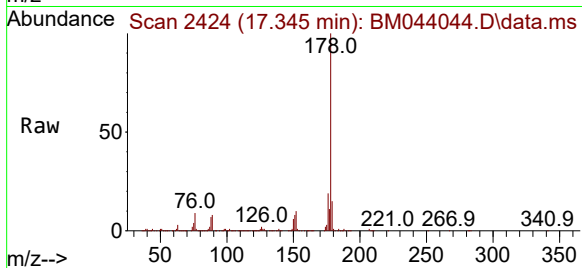
Tgt Ion:178 Resp: 968821

Ion Ratio Lower Upper

178 100

176 19.3 15.6 23.4

179 15.3 12.2 18.4



#72

Anthracene

Concen: 6.190 ng

RT: 17.433 min Scan# 2439

Delta R.T. -0.006 min

Lab File: BM044044.D

Acq: 09 Feb 2024 17:54

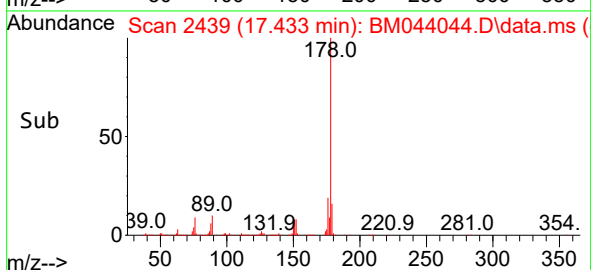
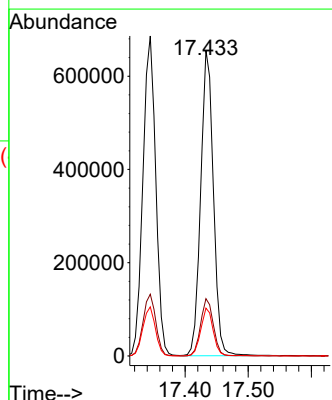
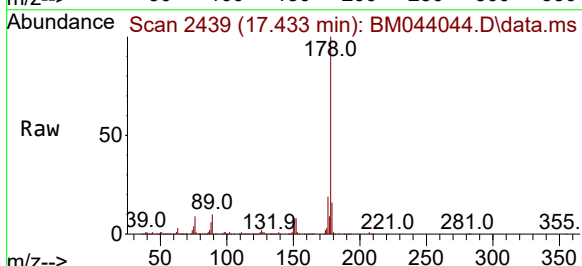
Tgt Ion:178 Resp: 916730

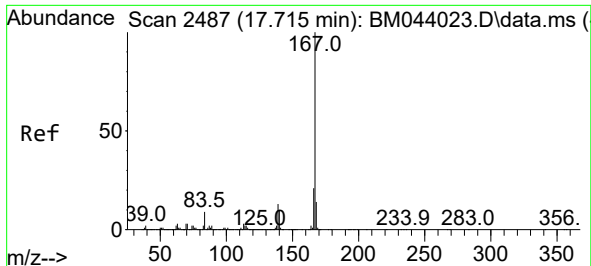
Ion Ratio Lower Upper

178 100

176 18.8 15.3 22.9

179 15.7 12.4 18.6

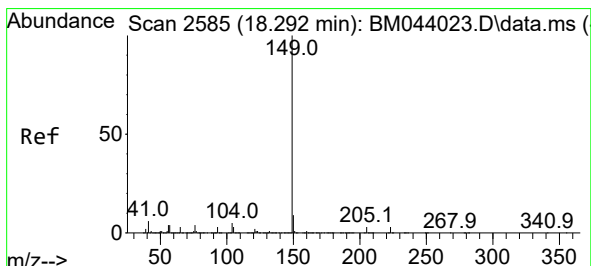
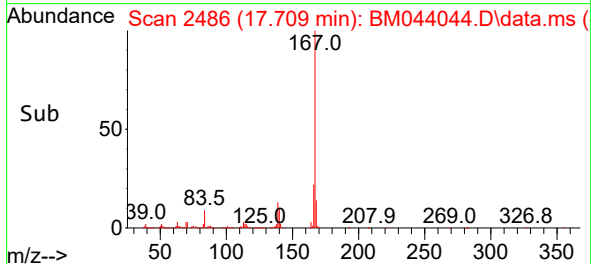
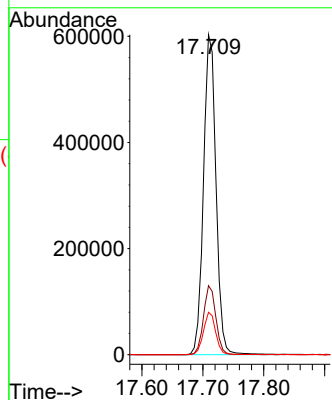
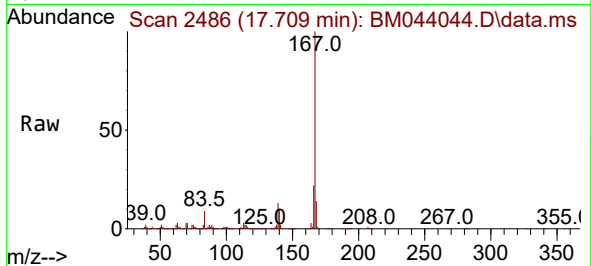




#73
 Carbazole
 Concen: 5.977 ng
 RT: 17.709 min Scan# 2486
 Delta R.T. -0.006 min
 Lab File: BM044044.D
 Acq: 09 Feb 2024 17:54

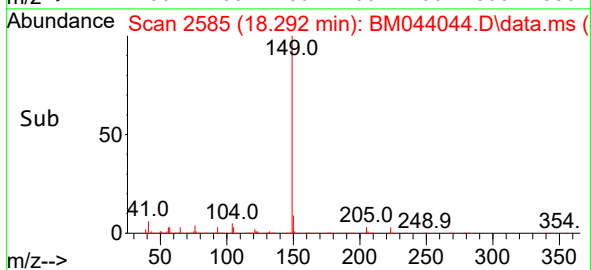
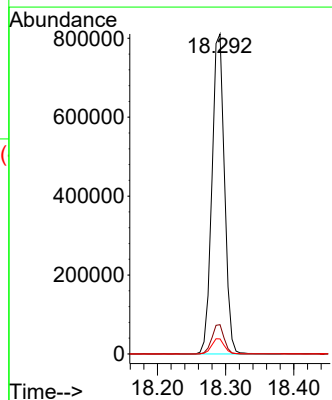
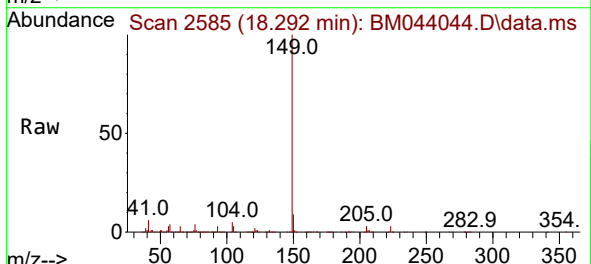
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2024

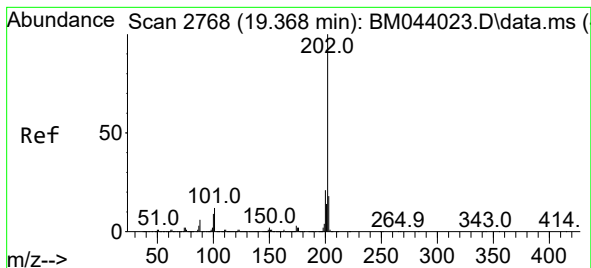
Tgt Ion:167 Resp: 860986
 Ion Ratio Lower Upper
 167 100
 166 21.5 16.8 25.2
 139 13.2 10.4 15.6



#74
 Di-n-butylphthalate
 Concen: 5.538 ng
 RT: 18.292 min Scan# 2585
 Delta R.T. -0.000 min
 Lab File: BM044044.D
 Acq: 09 Feb 2024 17:54

Tgt Ion:149 Resp: 1036860
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.2
 104 4.7 3.8 5.6





#75

Fluoranthene

Concen: 5.885 ng

RT: 19.362 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM044044.D

Acq: 09 Feb 2024 17:54

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

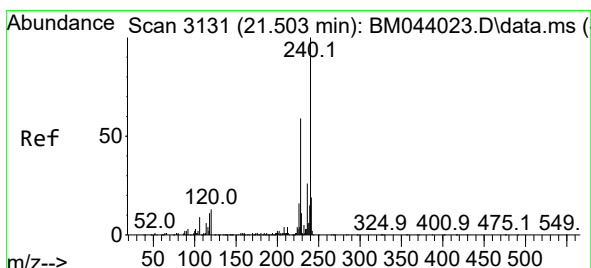
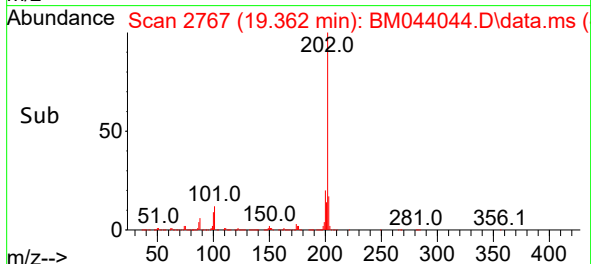
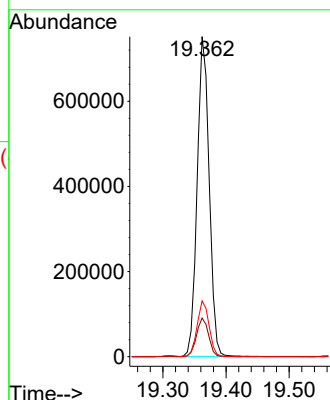
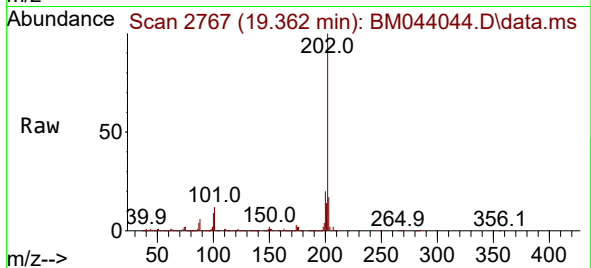
Tgt Ion:202 Resp: 988957

Ion Ratio Lower Upper

202 100

101 12.0 0.0 32.4

203 17.4 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: BM044044.D

Acq: 09 Feb 2024 17:54

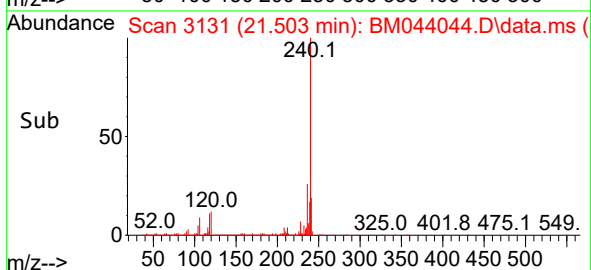
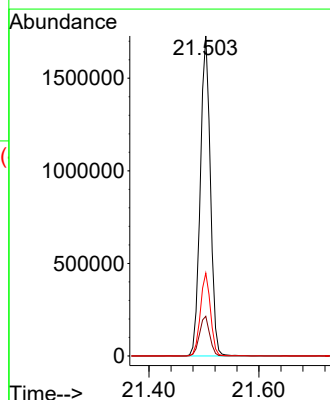
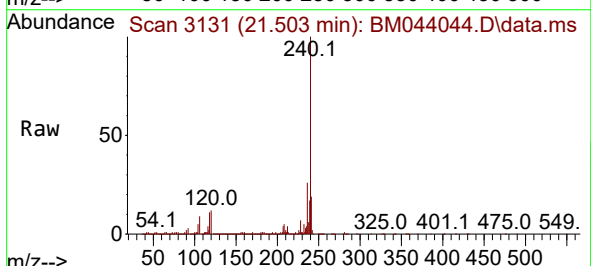
Tgt Ion:240 Resp: 2208202

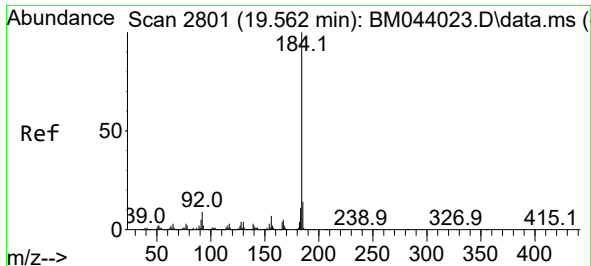
Ion Ratio Lower Upper

240 100

120 12.4 10.1 15.1

236 25.9 20.6 31.0

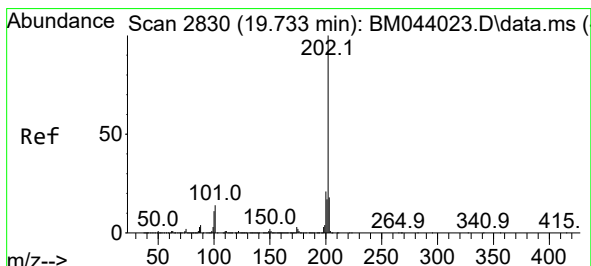
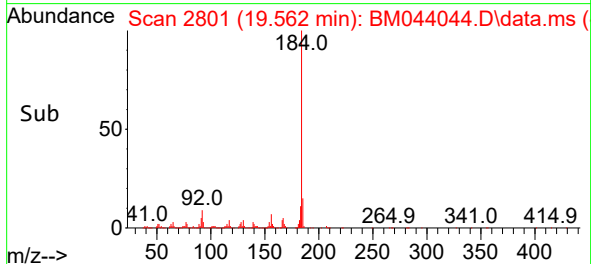
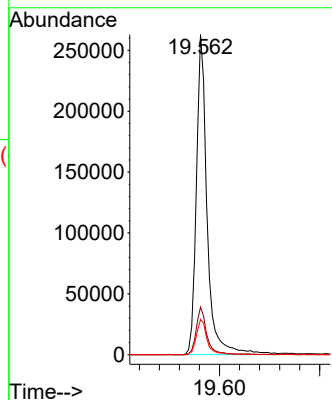
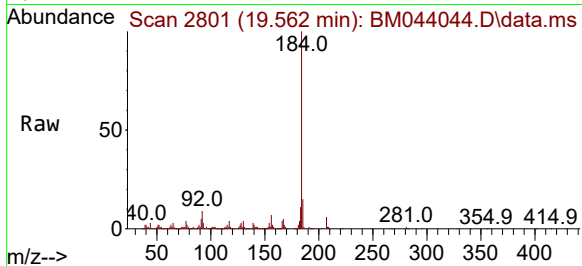




#77
Benzidine
Concen: 11.399 ng
RT: 19.562 min Scan# 2801
Delta R.T. -0.000 min
Lab File: BM044044.D
Acq: 09 Feb 2024 17:54

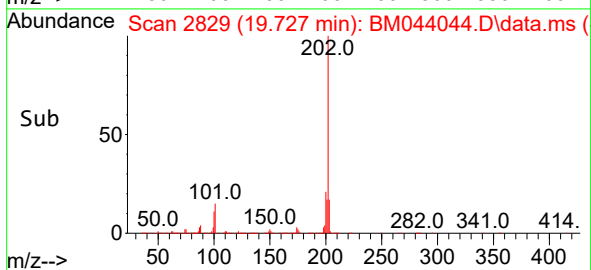
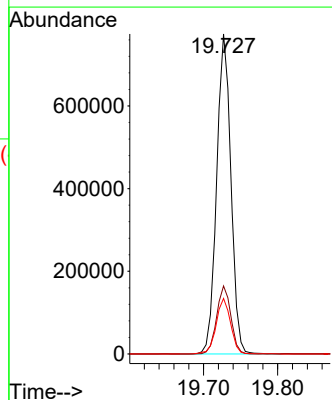
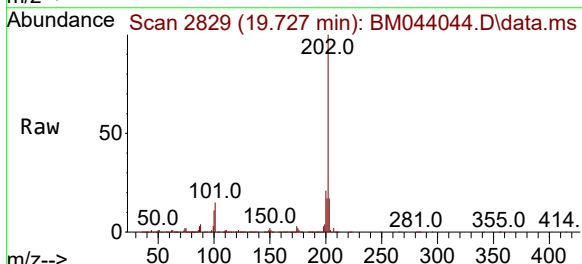
Instrument : BNA_M
ClientSampleId : LOD-MDL-WATER-01-QT1-2024

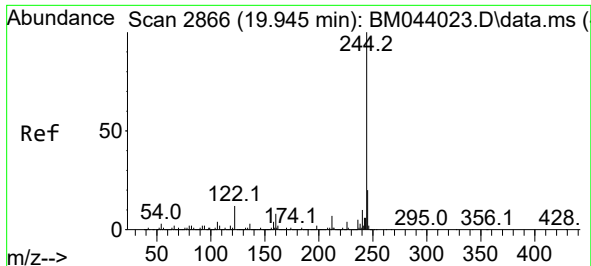
Tgt Ion:184 Resp: 391179
Ion Ratio Lower Upper
184 100
185 14.9 11.0 16.6
183 11.0 9.0 13.4



#78
Pyrene
Concen: 6.074 ng
RT: 19.727 min Scan# 2829
Delta R.T. -0.006 min
Lab File: BM044044.D
Acq: 09 Feb 2024 17:54

Tgt Ion:202 Resp: 1032992
Ion Ratio Lower Upper
202 100
200 21.3 16.8 25.2
203 17.3 14.0 21.0

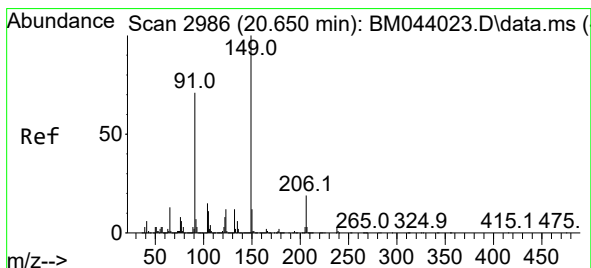
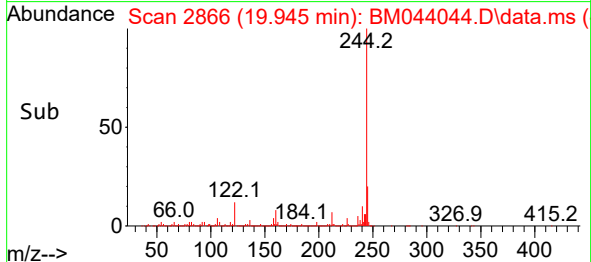
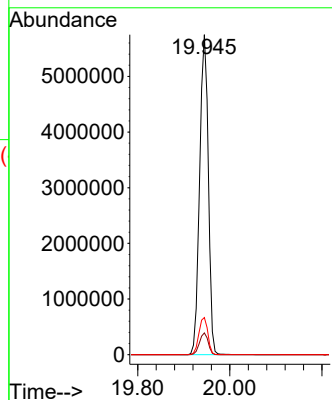
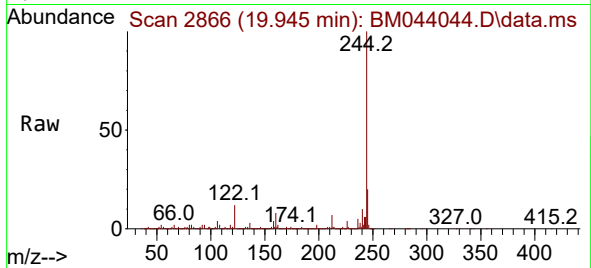




#79
 Terphenyl-d14
 Concen: 59.596 ng
 RT: 19.945 min Scan# 2866
 Delta R.T. -0.000 min
 Lab File: BM044044.D
 Acq: 09 Feb 2024 17:54

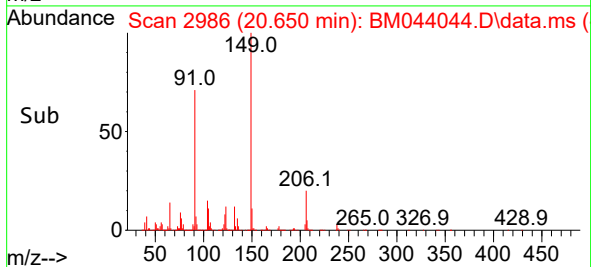
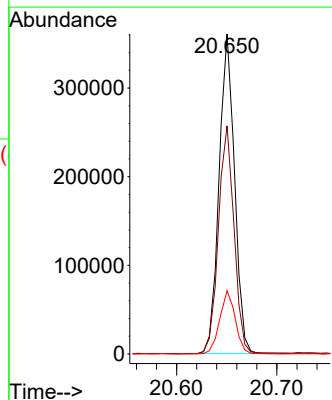
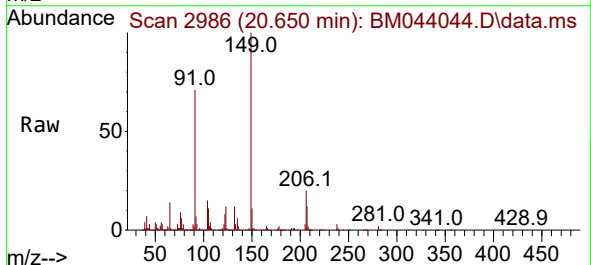
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2024

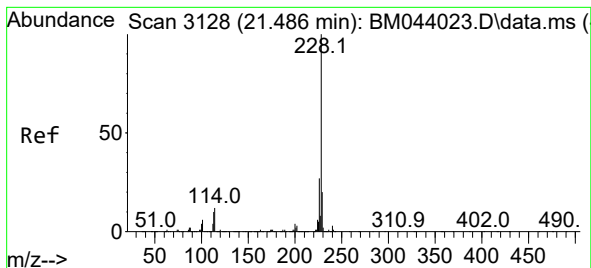
Tgt Ion:244 Resp: 7507026
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 11.6 9.5 14.3



#80
 Butylbenzylphthalate
 Concen: 5.113 ng
 RT: 20.650 min Scan# 2986
 Delta R.T. -0.000 min
 Lab File: BM044044.D
 Acq: 09 Feb 2024 17:54

Tgt Ion:149 Resp: 386482
 Ion Ratio Lower Upper
 149 100
 91 71.3 56.8 85.2
 206 19.7 15.0 22.6





#81

Benzo(a)anthracene

Concen: 6.132 ng

RT: 21.486 min Scan# 3128

Delta R.T. -0.000 min

Lab File: BM044044.D

Acq: 09 Feb 2024 17:54

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

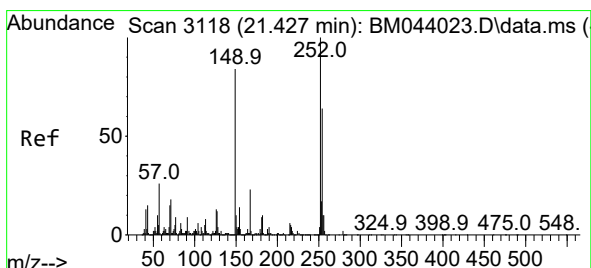
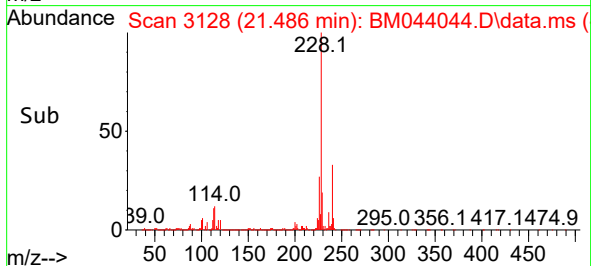
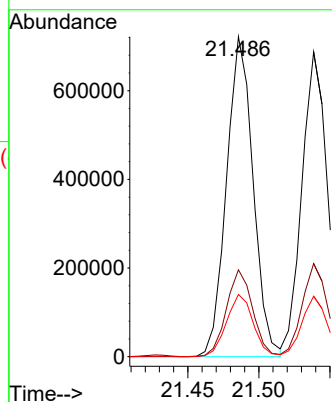
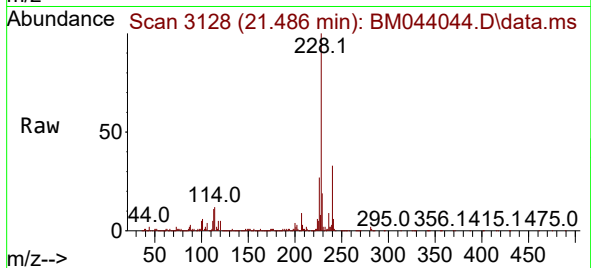
Tgt Ion:228 Resp: 941823

Ion Ratio Lower Upper

228 100

226 27.2 21.4 32.2

229 19.4 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 6.146 ng

RT: 21.427 min Scan# 3118

Delta R.T. -0.000 min

Lab File: BM044044.D

Acq: 09 Feb 2024 17:54

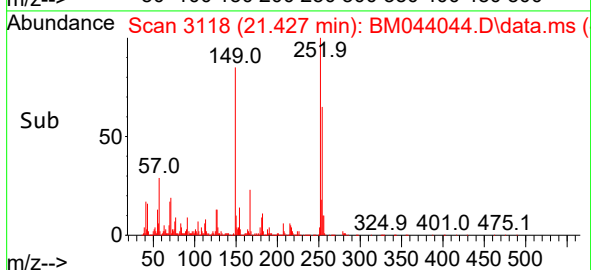
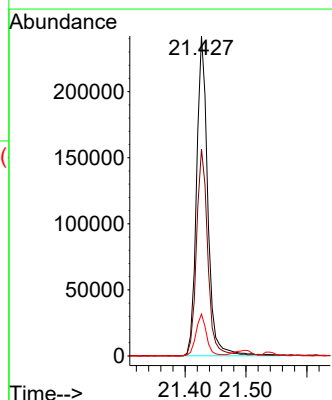
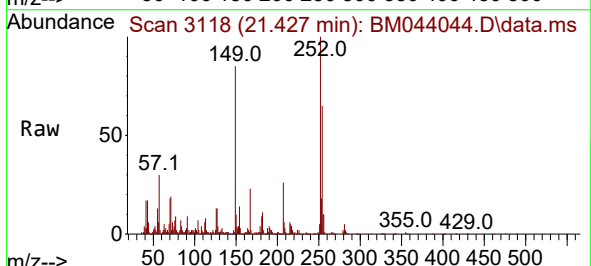
Tgt Ion:252 Resp: 309768

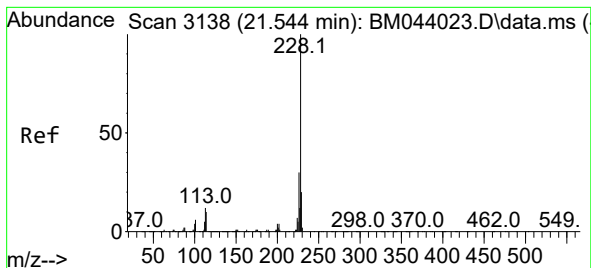
Ion Ratio Lower Upper

252 100

254 64.6 51.2 76.8

126 13.1 10.2 15.4





#83

Chrysene

Concen: 5.944 ng

RT: 21.539 min Scan# 3138

Delta R.T. -0.006 min

Lab File: BM044044.D

Acq: 09 Feb 2024 17:54

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

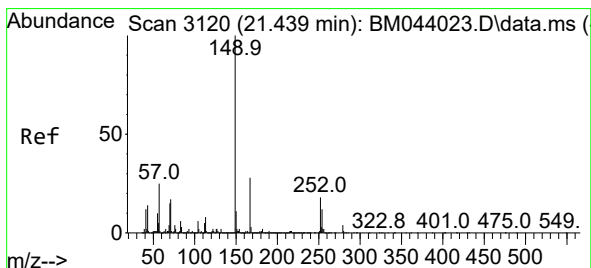
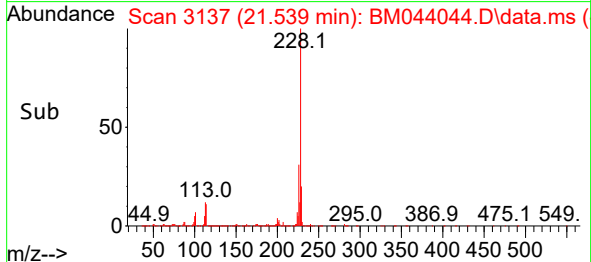
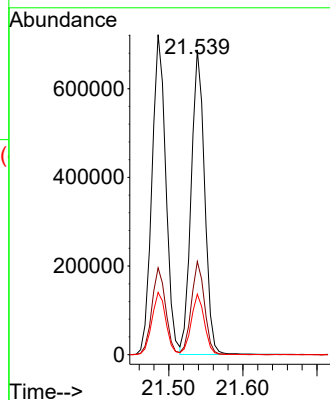
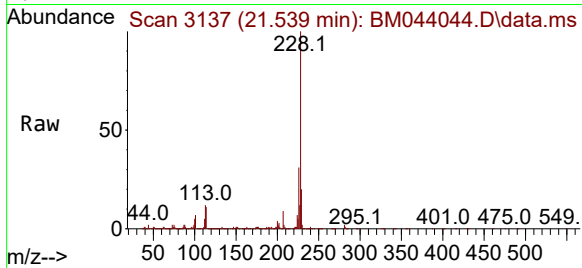
Tgt Ion:228 Resp: 862626

Ion Ratio Lower Upper

228 100

226 30.6 24.2 36.2

229 19.8 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 5.341 ng

RT: 21.439 min Scan# 3120

Delta R.T. -0.000 min

Lab File: BM044044.D

Acq: 09 Feb 2024 17:54

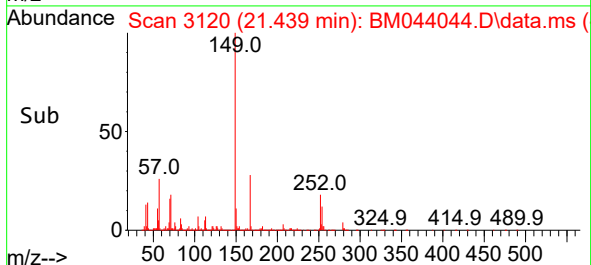
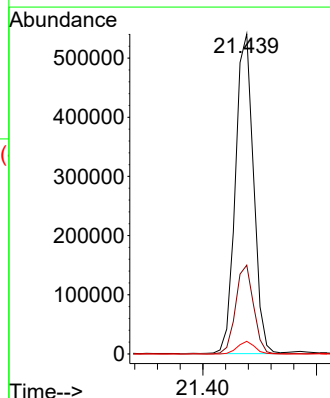
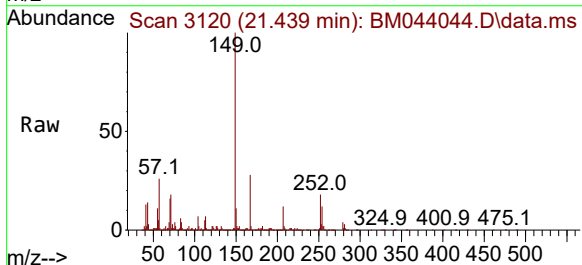
Tgt Ion:149 Resp: 595694

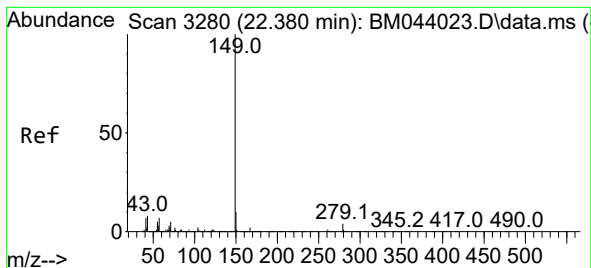
Ion Ratio Lower Upper

149 100

167 27.8 22.6 33.8

279 4.0 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 4.724 ng

RT: 22.374 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM044044.D

Acq: 09 Feb 2024 17:54

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

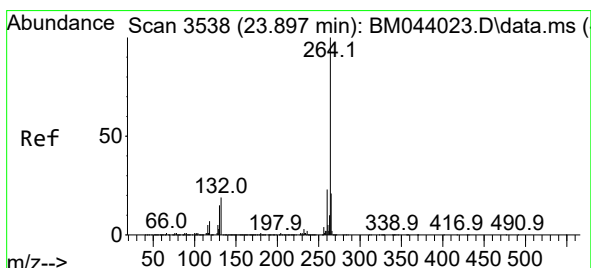
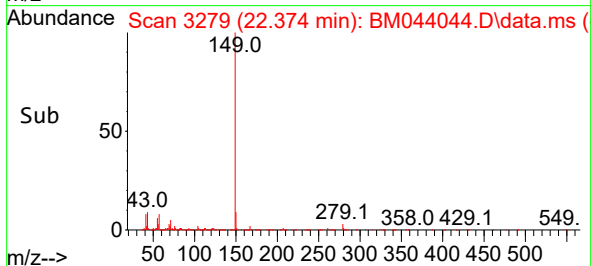
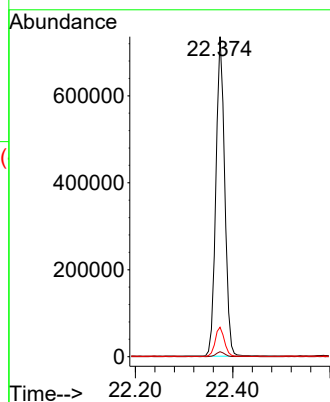
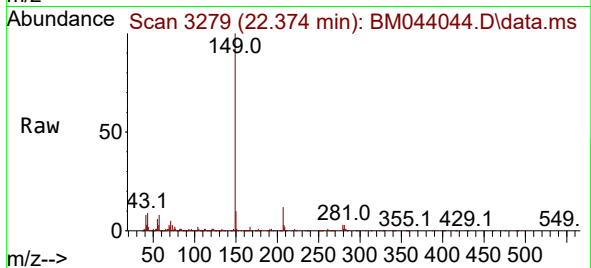
Tgt Ion:149 Resp: 920307

Ion Ratio Lower Upper

149 100

167 1.6 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: BM044044.D

Acq: 09 Feb 2024 17:54

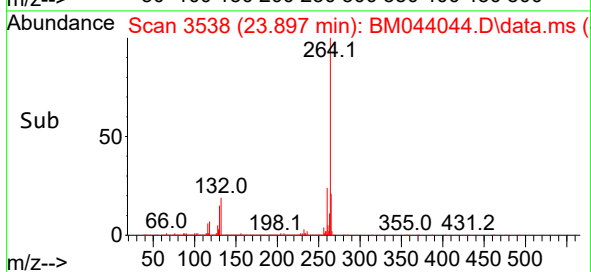
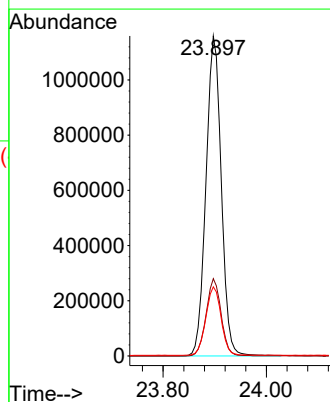
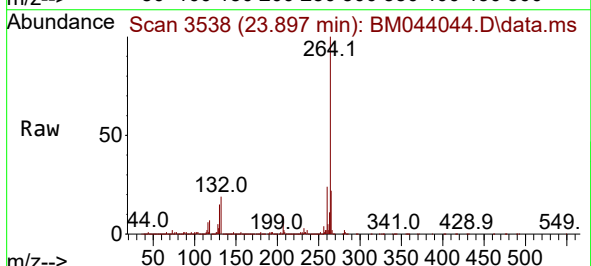
Tgt Ion:264 Resp: 2382929

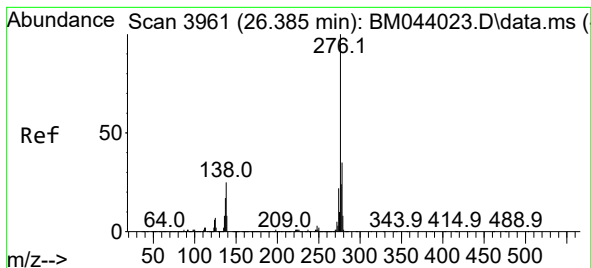
Ion Ratio Lower Upper

264 100

260 24.2 18.8 28.2

265 21.6 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 5.814 ng

RT: 26.379 min Scan# 3961

Delta R.T. -0.006 min

Lab File: BM044044.D

Acq: 09 Feb 2024 17:54

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

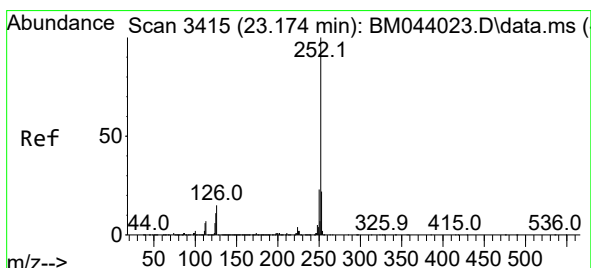
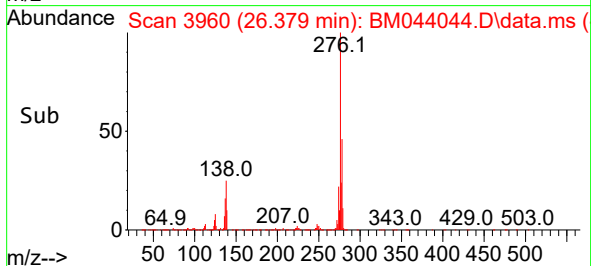
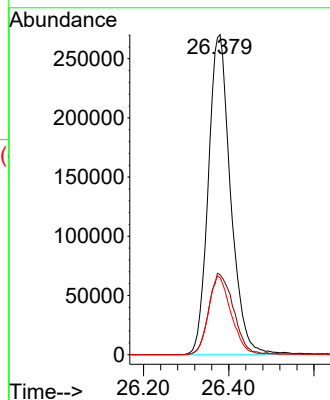
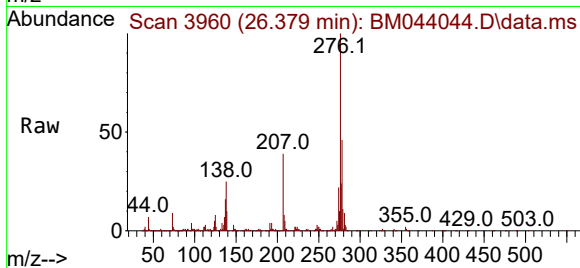
Tgt Ion:276 Resp: 980584

Ion Ratio Lower Upper

276 100

138 28.1 22.6 34.0

277 25.1 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 5.903 ng

RT: 23.168 min Scan# 3414

Delta R.T. -0.006 min

Lab File: BM044044.D

Acq: 09 Feb 2024 17:54

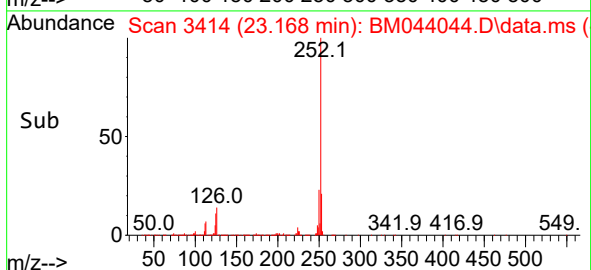
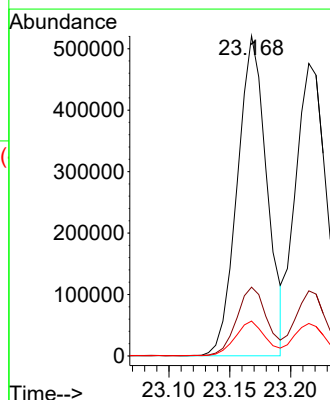
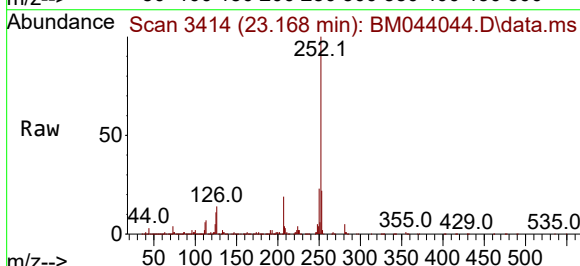
Tgt Ion:252 Resp: 879267

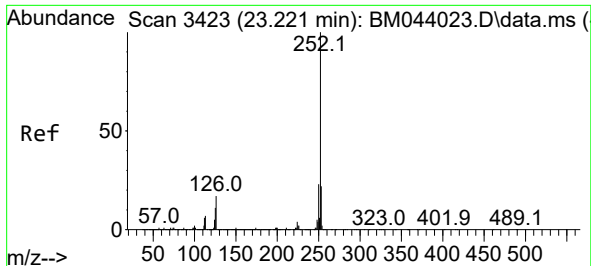
Ion Ratio Lower Upper

252 100

253 21.5 17.6 26.4

125 10.9 8.8 13.2

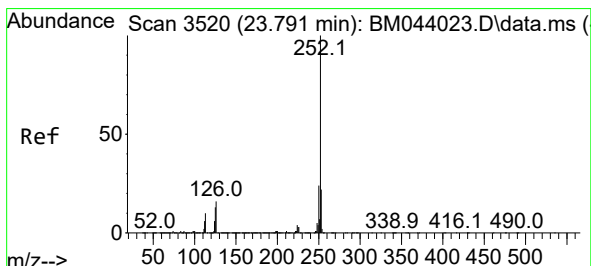
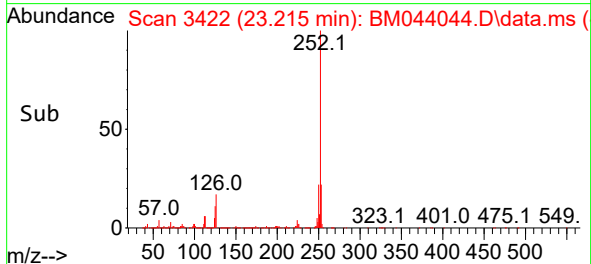
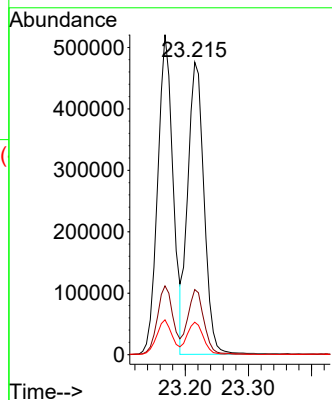
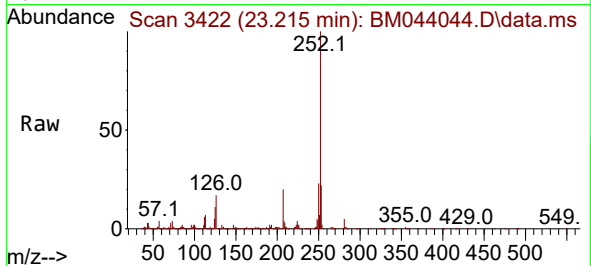




#89
Benzo(k)fluoranthene
Concen: 6.013 ng
RT: 23.215 min Scan# 34
Delta R.T. -0.006 min
Lab File: BM044044.D
Acq: 09 Feb 2024 17:54

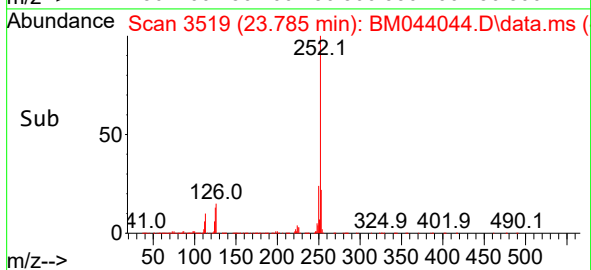
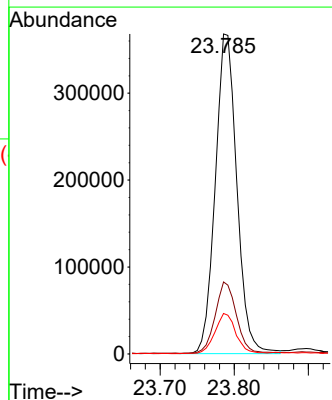
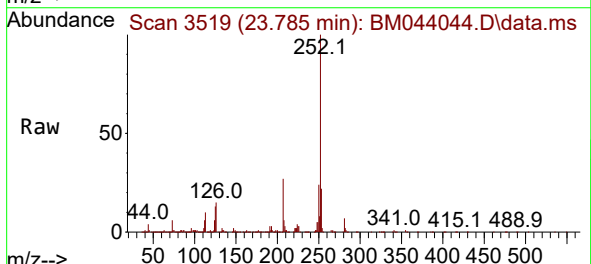
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

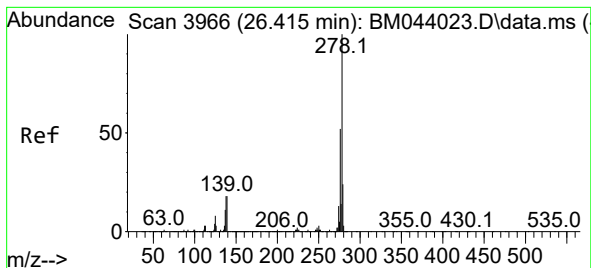
Tgt Ion:252 Resp: 851073
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 11.1 9.0 13.4



#90
Benzo(a)pyrene
Concen: 5.717 ng
RT: 23.785 min Scan# 3519
Delta R.T. -0.006 min
Lab File: BM044044.D
Acq: 09 Feb 2024 17:54

Tgt Ion:252 Resp: 743843
Ion Ratio Lower Upper
252 100
253 22.5 17.7 26.5
125 12.7 10.1 15.1





#91

Dibenzo(a,h)anthracene

Concen: 5.919 ng

RT: 26.403 min Scan# 3966

Delta R.T. -0.012 min

Lab File: BM044044.D

Acq: 09 Feb 2024 17:54

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

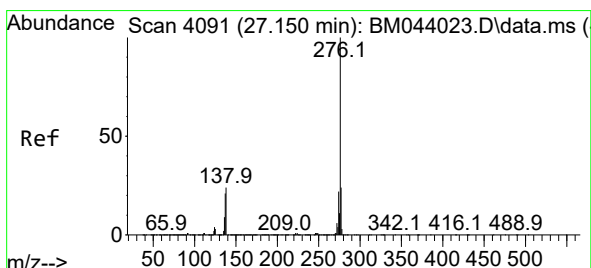
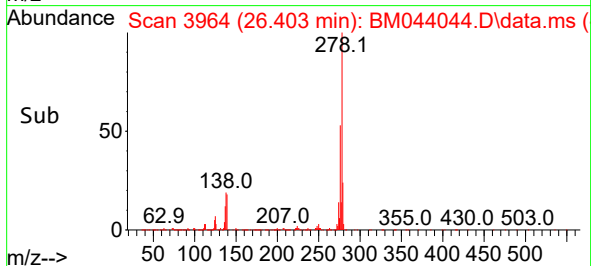
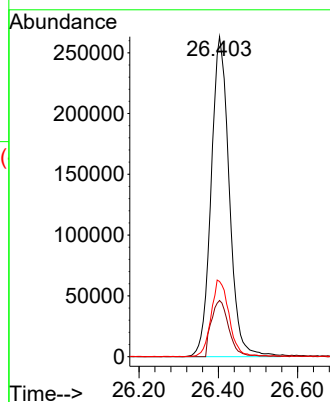
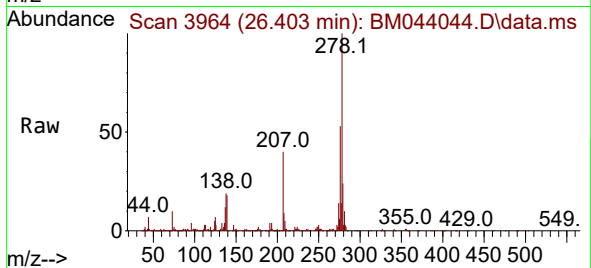
Tgt Ion:278 Resp: 835061

Ion Ratio Lower Upper

278 100

139 17.6 14.5 21.7

279 23.5 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 5.559 ng

RT: 27.132 min Scan# 4088

Delta R.T. -0.018 min

Lab File: BM044044.D

Acq: 09 Feb 2024 17:54

Tgt Ion:276 Resp: 795380

Ion Ratio Lower Upper

276 100

277 24.8 19.0 28.4

138 23.9 19.1 28.7

