

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020924\
 Data File : BM044040.D
 Acq On : 09 Feb 2024 15:30
 Operator : MA/JU
 Sample : 04699-07
 Misc : LOD-MDL-WATER-8ppm
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2023

Quant Time: Feb 09 16:18:30 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	601786	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	2560261	20.000	ng	0.00
39) Acenaphthene-d10	14.551	164	1508151	20.000	ng	0.00
64) Phenanthrene-d10	17.303	188	2968050	20.000	ng	0.00
76) Chrysene-d12	21.503	240	2299184	20.000	ng	0.00
86) Perylene-d12	23.897	264	2438909	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	3299143	79.736	ng	0.00
7) Phenol-d6	7.075	99	4343644	82.509	ng	0.00
23) Nitrobenzene-d5	9.080	82	2929028	60.707	ng	0.00
42) 2,4,6-Tribromophenol	16.045	330	1338433	81.966	ng	0.00
45) 2-Fluorobiphenyl	13.180	172	6210291	58.116	ng	0.00
79) Terphenyl-d14	19.944	244	7740580	59.019	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.387	88	103893	6.327	ng	100
3) Pyridine	3.787	79	236114	5.446	ng	98
4) n-Nitrosodimethylamine	3.710	42	94629	5.753	ng	# 99
6) Aniline	7.239	93	377076	7.285	ng	100
8) 2-Chlorophenol	7.469	128	260038	6.018	ng	98
9) Benzaldehyde	7.057	77	234682m	8.675	ng	
10) Phenol	7.104	94	330356	6.218	ng	99
11) bis(2-Chloroethyl)ether	7.345	93	272942	6.204	ng	98
12) 1,3-Dichlorobenzene	7.792	146	290129	5.914	ng	98
13) 1,4-Dichlorobenzene	7.945	146	294121	5.948	ng	100
14) 1,2-Dichlorobenzene	8.257	146	277219	5.884	ng	99
15) Benzyl Alcohol	8.151	79	214936	6.270	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.451	45	351925	6.310	ng	98
17) 2-Methylphenol	8.351	107	208272	5.972	ng	98
18) Hexachloroethane	8.980	117	109231	5.900	ng	98
19) n-Nitroso-di-n-propyla...	8.722	70	209610	6.484	ng	98
20) 3+4-Methylphenols	8.681	107	284821	5.934	ng	97
22) Acetophenone	8.739	105	424967	6.539	ng	# 98
24) Nitrobenzene	9.116	77	304467	6.162	ng	97
25) Isophorone	9.639	82	567755	6.111	ng	98
26) 2-Nitrophenol	9.827	139	124074	5.416	ng	99
27) 2,4-Dimethylphenol	9.886	122	188681	6.442	ng	98
28) bis(2-Chloroethoxy)met...	10.133	93	373281	6.213	ng	99
29) 2,4-Dichlorophenol	10.357	162	225514	5.848	ng	98
30) 1,2,4-Trichlorobenzene	10.569	180	254693	5.873	ng	99
31) Naphthalene	10.757	128	858397	6.075	ng	100
32) Benzoic acid	9.969	122	106032	3.594	ng	98
33) 4-Chloroaniline	10.880	127	347272	6.490	ng	99
34) Hexachlorobutadiene	11.033	225	141012	5.681	ng	98
35) Caprolactam	11.651	113	70064	5.646	ng	97
36) 4-Chloro-3-methylphenol	11.998	107	243642	5.835	ng	99
37) 2-Methylnaphthalene	12.374	142	566768	6.022	ng	98
38) 1-Methylnaphthalene	12.592	142	554666	5.997	ng	100
40) 1,2,4,5-Tetrachloroben...	12.733	216	270458	6.170	ng	99
41) Hexachlorocyclopentadiene	12.710	237	120602	6.304	ng	98
43) 2,4,6-Trichlorophenol	12.980	196	168445	5.646	ng	99

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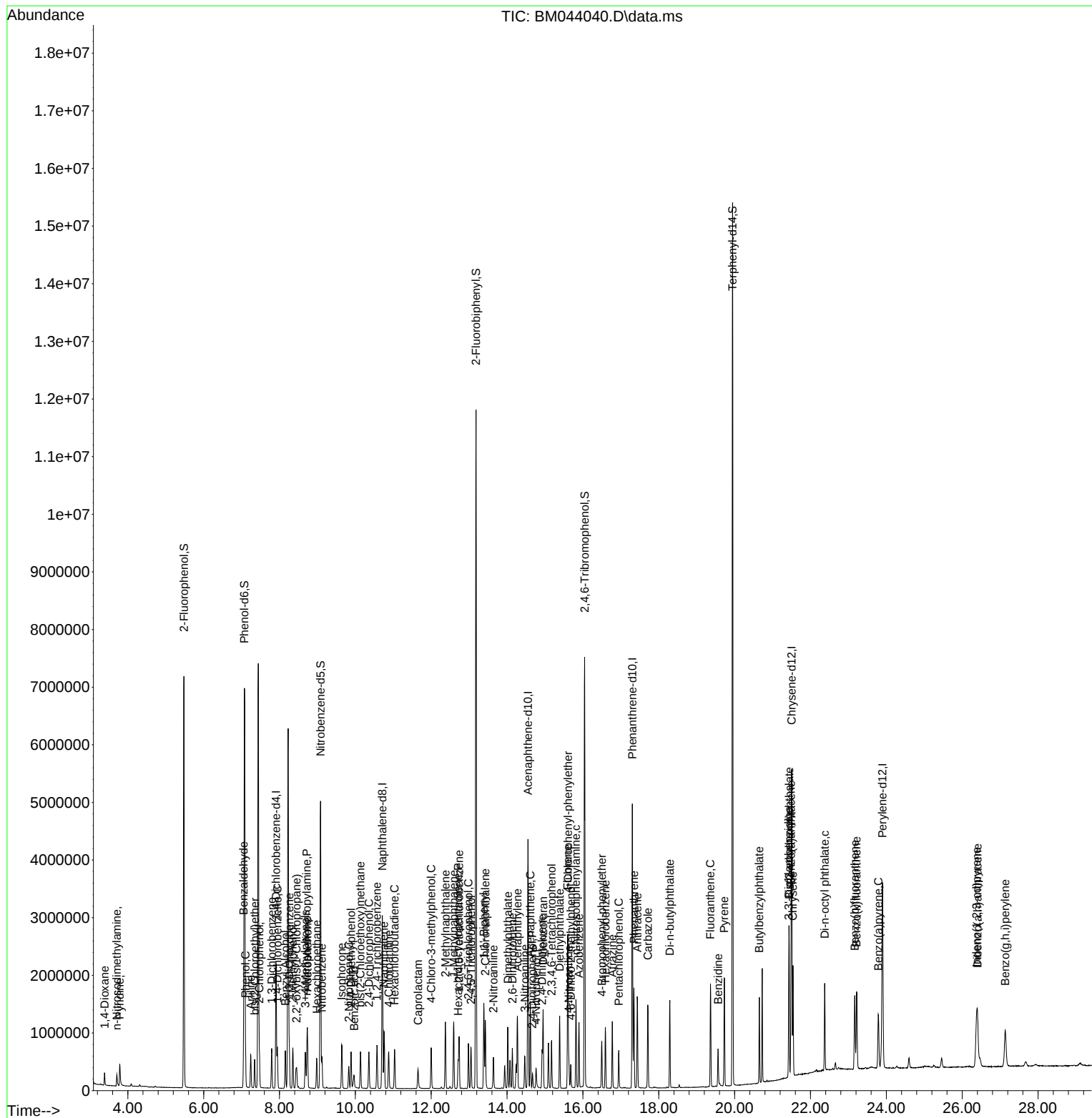
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.051	196	185424	5.664	ng	98
46) 1,1'-Biphenyl	13.386	154	766306	6.439	ng	100
47) 2-Chloronaphthalene	13.427	162	566639	6.011	ng	99
48) 2-Nitroaniline	13.639	65	152753	5.760	ng	93
49) Acenaphthylene	14.274	152	935675	6.653	ng	100
50) Dimethylphthalate	14.021	163	700282	6.263	ng	100
51) 2,6-Dinitrotoluene	14.139	165	138879	5.629	ng	93
52) Acenaphthene	14.615	154	534492	6.141	ng	99
53) 3-Nitroaniline	14.468	138	149921	5.655	ng	92
54) 2,4-Dinitrophenol	14.668	184	49855	8.719	ng	98
55) Dibenzofuran	14.951	168	866649	6.433	ng	99
56) 4-Nitrophenol	14.768	139	107987	5.010	ng	95
57) 2,4-Dinitrotoluene	14.921	165	169748	5.264	ng	# 93
58) Fluorene	15.598	166	671935	6.455	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.174	232	157288	6.123	ng	100
60) Diethylphthalate	15.386	149	685027	5.928	ng	99
61) 4-Chlorophenyl-phenyle...	15.604	204	322780	6.399	ng	99
62) 4-Nitroaniline	15.627	138	140605	5.268	ng	94
63) Azobenzene	15.898	77	670207	6.181	ng	99
65) 4,6-Dinitro-2-methylph...	15.680	198	75340	4.260	ng	96
66) n-Nitrosodiphenylamine	15.815	169	566707	6.285	ng	99
67) 4-Bromophenyl-phenylether	16.498	248	144607	4.928	ng	97
68) Hexachlorobenzene	16.592	284	212678	5.916	ng	98
69) Atrazine	16.774	200	181239	7.423	ng	99
70) Pentachlorophenol	16.945	266	107667	4.604	ng	99
71) Phenanthrene	17.345	178	1012476	6.460	ng	100
72) Anthracene	17.433	178	977257	6.298	ng	99
73) Carbazole	17.709	167	910680	6.035	ng	99
74) Di-n-butylphthalate	18.292	149	1103572	5.626	ng	99
75) Fluoranthene	19.362	202	1045375	5.938	ng	99
77) Benzidine	19.562	184	405072	11.337	ng	99
78) Pyrene	19.727	202	1086975	6.139	ng	99
80) Butylbenzylphthalate	20.650	149	411202	5.224	ng	99
81) Benzo(a)anthracene	21.486	228	979951	6.127	ng	99
82) 3,3'-Dichlorobenzidine	21.427	252	325199	6.197	ng	99
83) Chrysene	21.538	228	906230	5.998	ng	99
84) Bis(2-ethylhexyl)phtha...	21.439	149	643944	5.545	ng	99
85) Di-n-octyl phthalate	22.374	149	990546	4.884	ng	98
87) Indeno(1,2,3-cd)pyrene	26.379	276	1001841	5.804	ng	100
88) Benzo(b)fluoranthene	23.168	252	904666	5.934	ng	99
89) Benzo(k)fluoranthene	23.215	252	876963	6.053	ng	100
90) Benzo(a)pyrene	23.791	252	766559	5.756	ng	99
91) Dibenzo(a,h)anthracene	26.403	278	850285	5.889	ng	100
92) Benzo(g,h,i)perylene	27.132	276	808372	5.520	ng	99

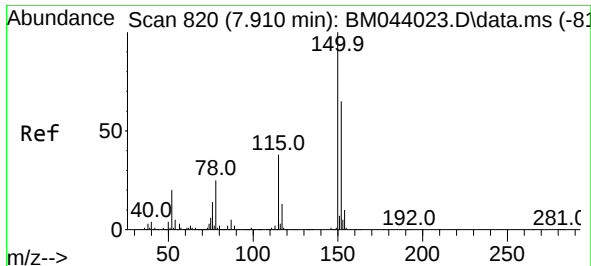
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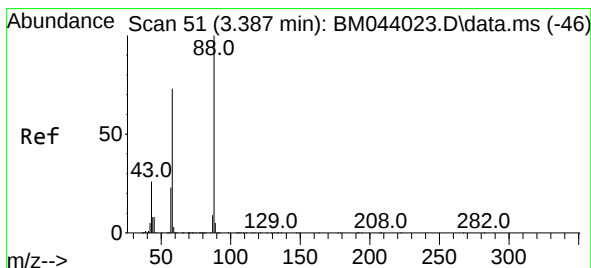
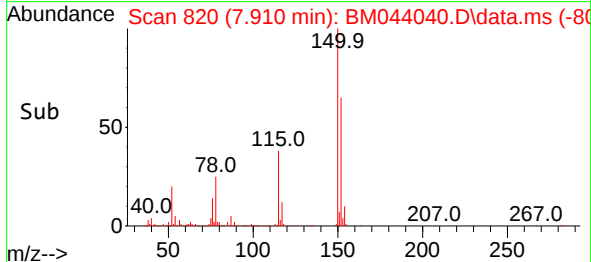
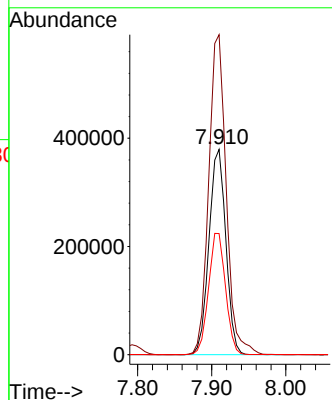
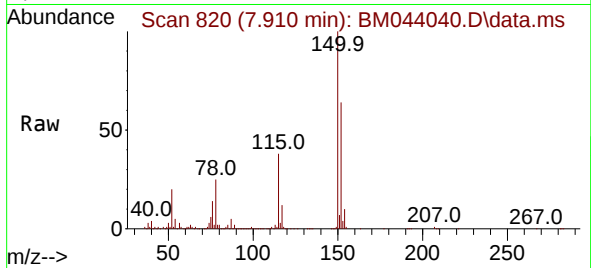




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.910 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM044040.D
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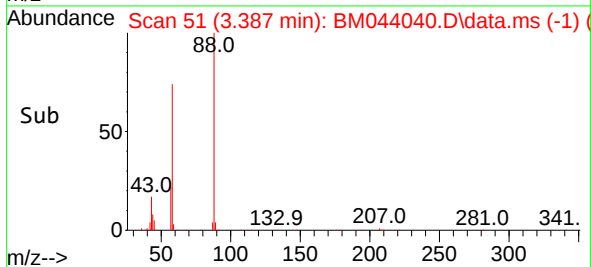
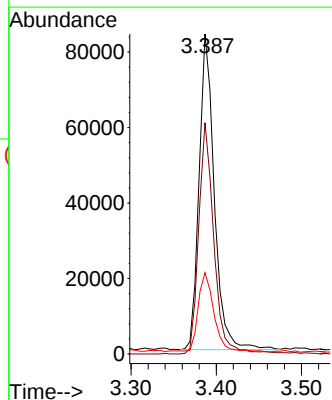
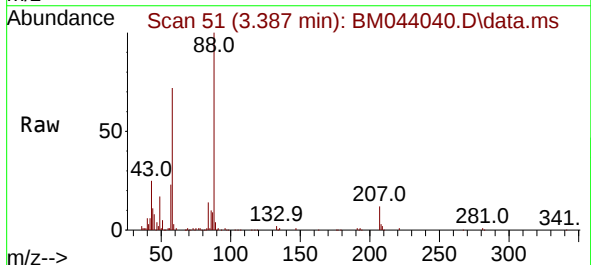
Instrument :
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ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

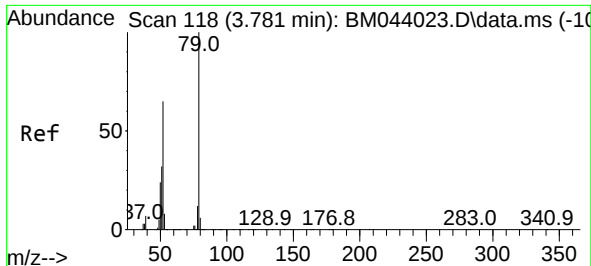
Tgt Ion:152 Resp: 601786
Ion Ratio Lower Upper
152 100
150 155.8 122.7 184.1
115 59.0 47.0 70.6



#2
1,4-Dioxane
Concen: 6.327 ng
RT: 3.387 min Scan# 51
Delta R.T. -0.000 min
Lab File: BM044040.D
Acq: 09 Feb 2024 15:30

Tgt Ion: 88 Resp: 103893
Ion Ratio Lower Upper
88 100
58 73.0 58.1 87.1
43 26.4 21.1 31.7

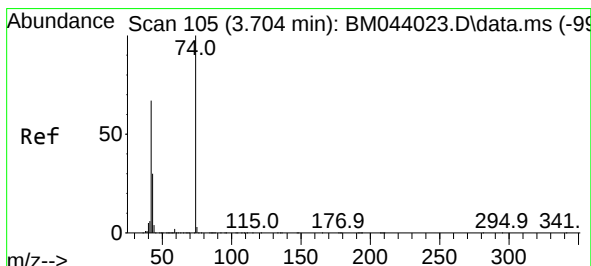
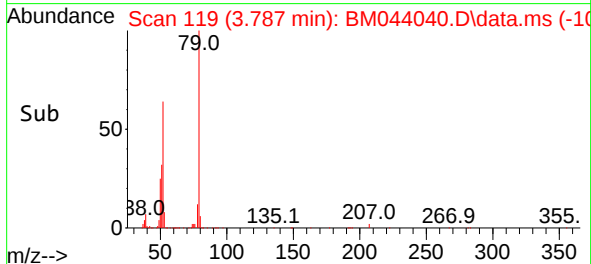
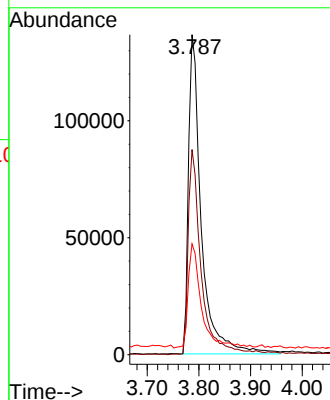
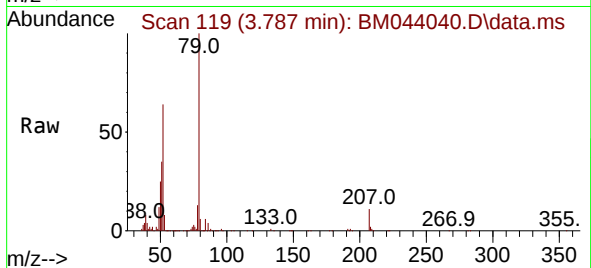




#3
Pyridine
Concen: 5.446 ng
RT: 3.787 min Scan# 118
Delta R.T. 0.006 min
Lab File: BM044040.D
Acq: 09 Feb 2024 15:30

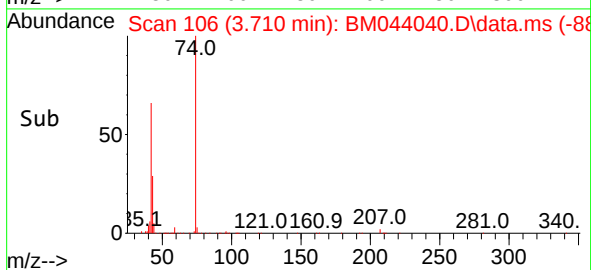
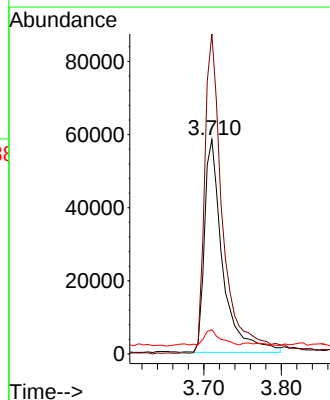
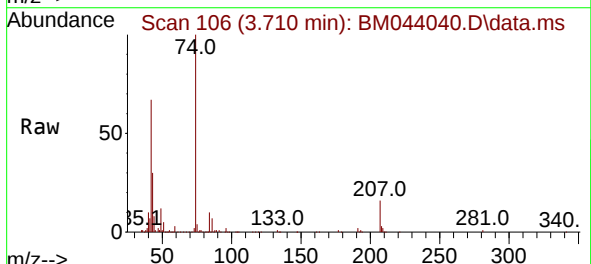
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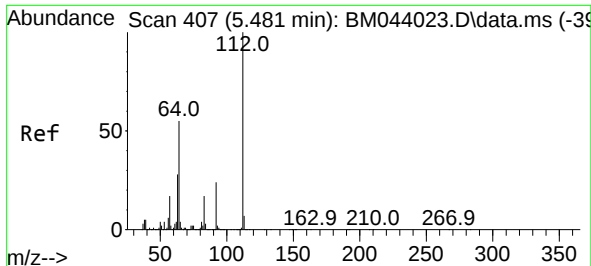
Tgt Ion: 79 Resp: 236114
Ion Ratio Lower Upper
79 100
52 64.1 52.2 78.2
51 34.6 26.2 39.4



#4
n-Nitrosodimethylamine
Concen: 5.753 ng
RT: 3.710 min Scan# 106
Delta R.T. 0.006 min
Lab File: BM044040.D
Acq: 09 Feb 2024 15:30

Tgt Ion: 42 Resp: 94629
Ion Ratio Lower Upper
42 100
74 149.3 118.6 178.0
44 11.3 5.6 8.4

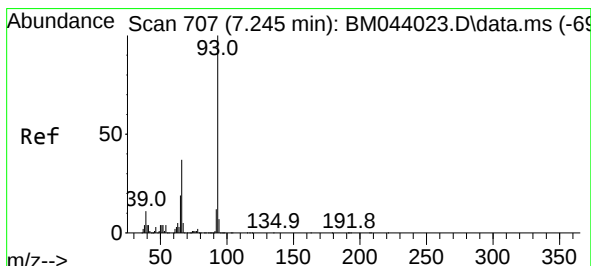
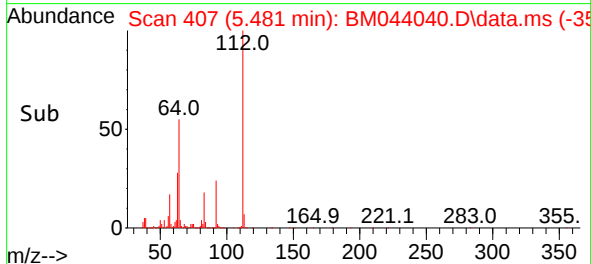
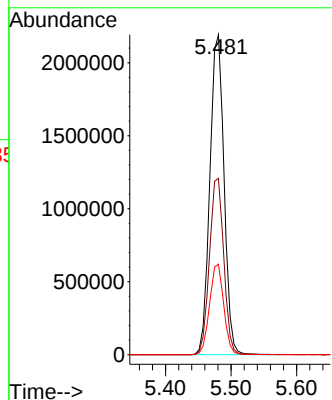
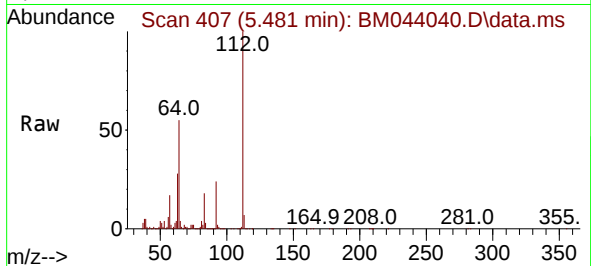




#5
2-Fluorophenol
Concen: 79.736 ng
RT: 5.481 min Scan# 407
Delta R.T. -0.000 min
Lab File: BM044040.D
Acq: 09 Feb 2024 15:30

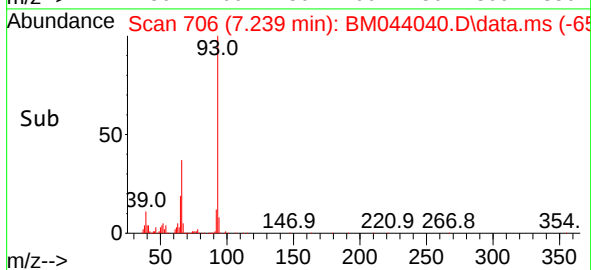
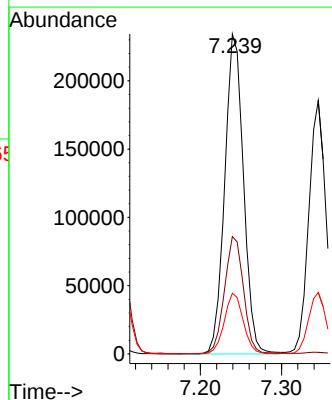
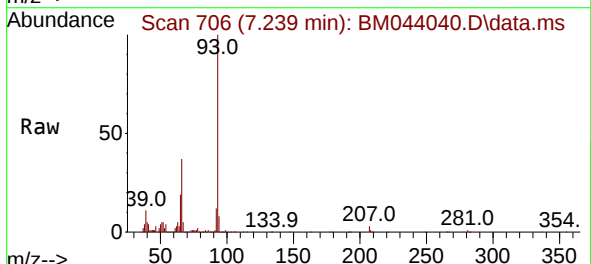
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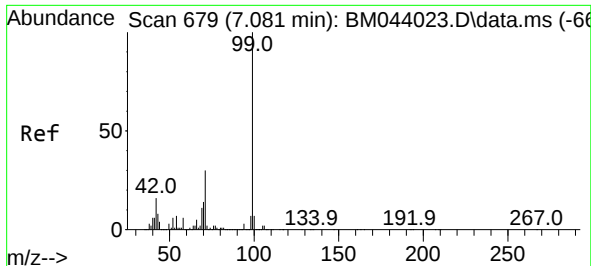
Tgt Ion:112 Resp: 3299143
Ion Ratio Lower Upper
112 100
64 55.1 44.2 66.4
63 28.3 22.6 34.0



#6
Aniline
Concen: 7.285 ng
RT: 7.239 min Scan# 706
Delta R.T. -0.006 min
Lab File: BM044040.D
Acq: 09 Feb 2024 15:30

Tgt Ion: 93 Resp: 377076
Ion Ratio Lower Upper
93 100
66 36.7 29.4 44.0
65 19.0 15.2 22.8

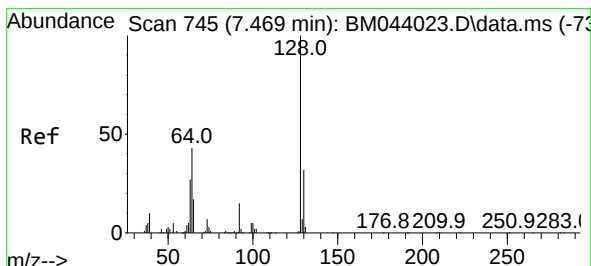
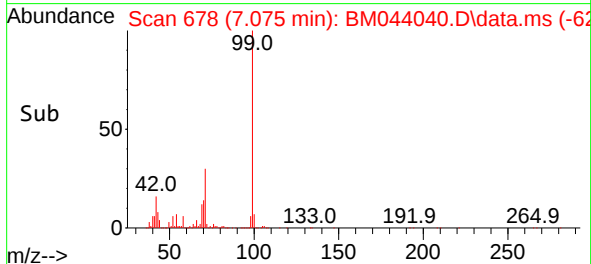
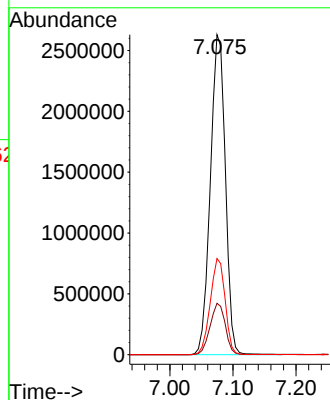
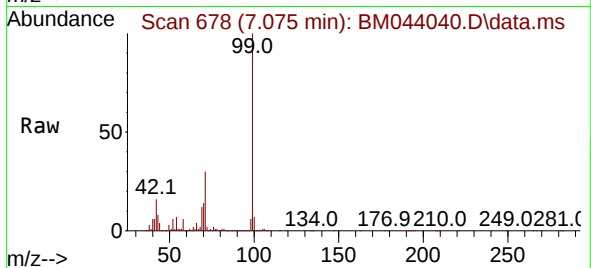




#7
Phenol-d6
Concen: 82.509 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM044040.D
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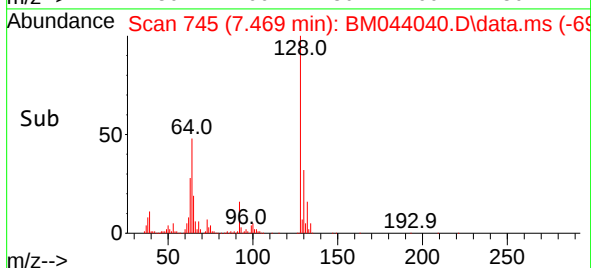
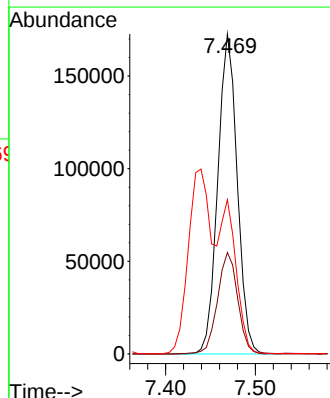
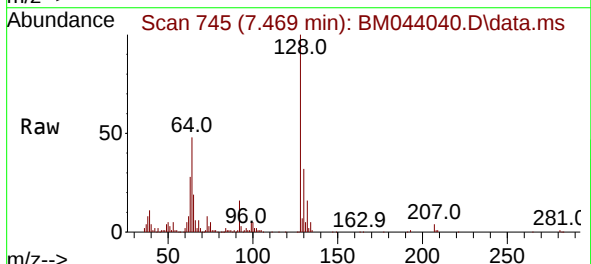
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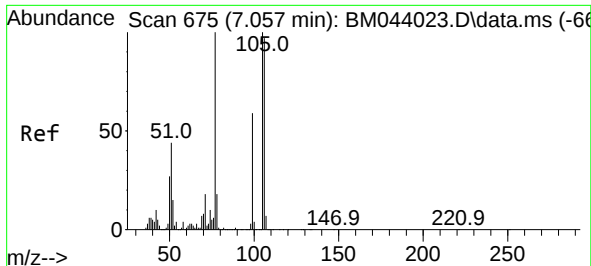
Tgt Ion: 99 Resp: 4343644
Ion Ratio Lower Upper
99 100
42 16.1 12.9 19.3
71 30.1 23.9 35.9



#8
2-Chlorophenol
Concen: 6.018 ng
RT: 7.469 min Scan# 745
Delta R.T. -0.000 min
Lab File: BM044040.D
Acq: 09 Feb 2024 15:30

Tgt Ion: 128 Resp: 260038
Ion Ratio Lower Upper
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130 31.7 12.1 52.1
64 48.2 26.0 66.0

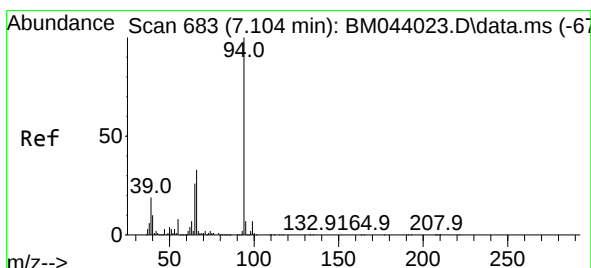
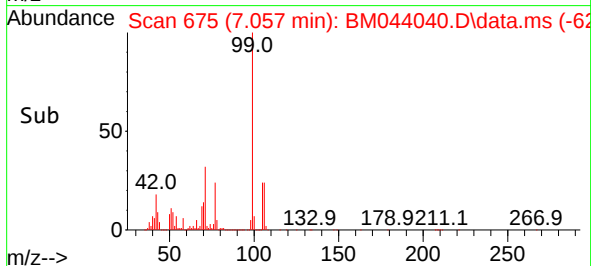
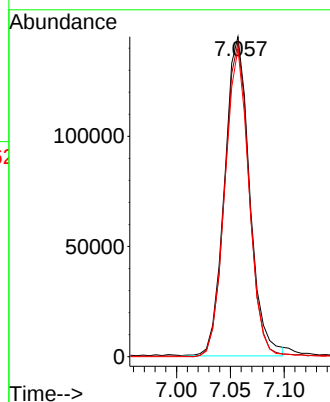
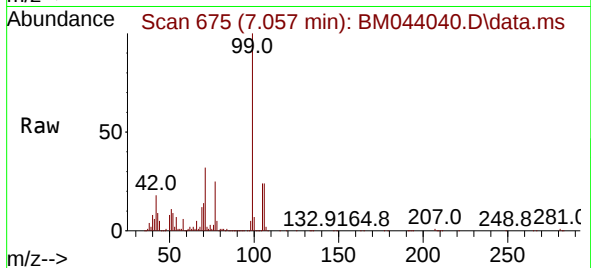




#9
Benzaldehyde
Concen: 8.675 ng m
RT: 7.057 min Scan# 675
Delta R.T. 0.000 min
Lab File: BM044040.D
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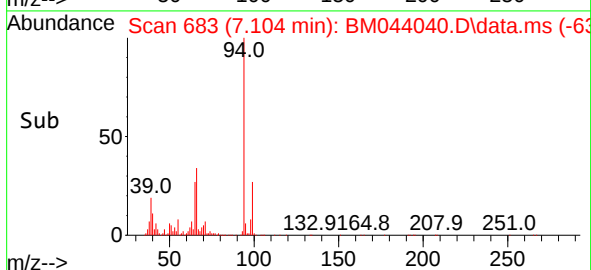
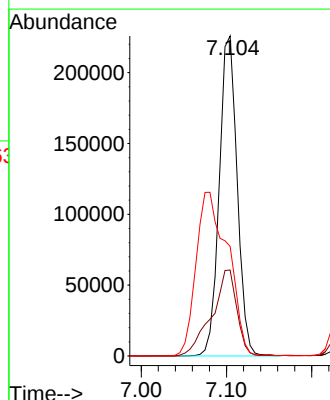
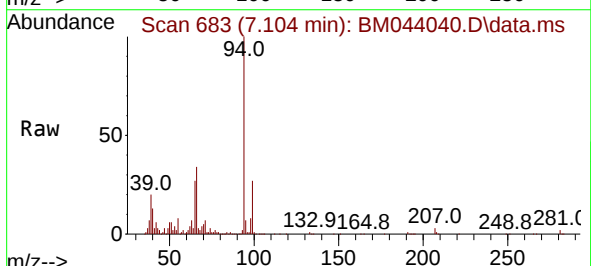
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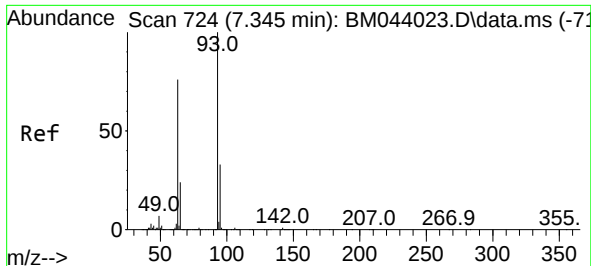
Tgt Ion: 77 Resp: 234682
Ion Ratio Lower Upper
77 100
105 98.1 80.0 120.0
106 96.3 76.8 116.8



#10
Phenol
Concen: 6.218 ng
RT: 7.104 min Scan# 683
Delta R.T. -0.000 min
Lab File: BM044040.D
Acq: 09 Feb 2024 15:30

Tgt Ion: 94 Resp: 330356
Ion Ratio Lower Upper
94 100
65 26.9 6.4 46.4
66 34.3 13.2 53.2

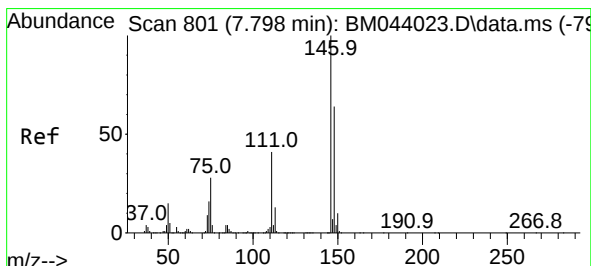
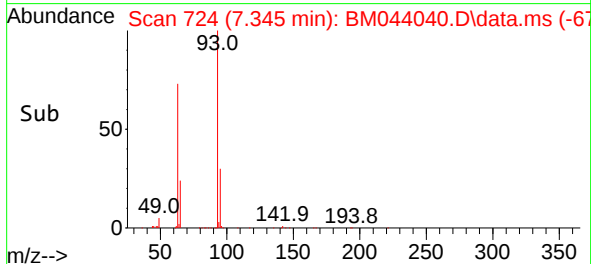
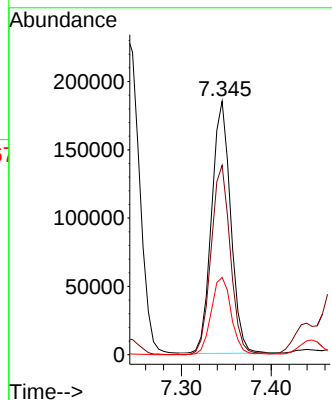
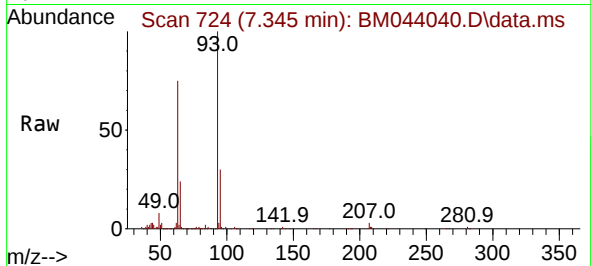




#11
bis(2-Chloroethyl)ether
Concen: 6.204 ng
RT: 7.345 min Scan# 71
Delta R.T. -0.000 min
Lab File: BM044040.D
Acq: 09 Feb 2024 15:30

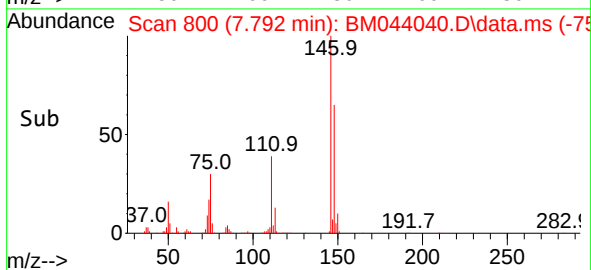
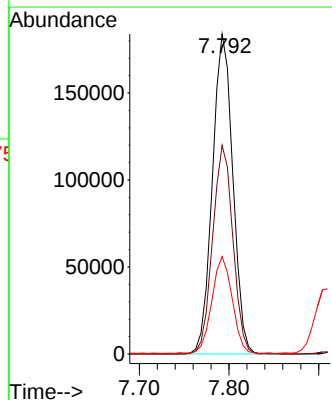
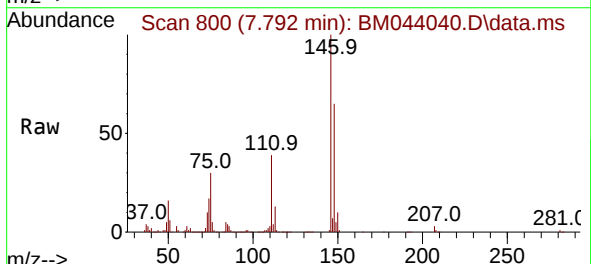
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 93 Resp: 272942
Ion Ratio Lower Upper
93 100
63 74.8 55.9 95.9
95 30.5 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 5.914 ng
RT: 7.792 min Scan# 800
Delta R.T. -0.006 min
Lab File: BM044040.D
Acq: 09 Feb 2024 15:30

Tgt Ion: 146 Resp: 290129
Ion Ratio Lower Upper
146 100
148 65.2 51.3 76.9
75 30.4 22.7 34.1

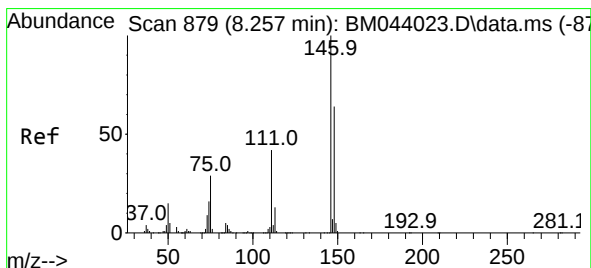
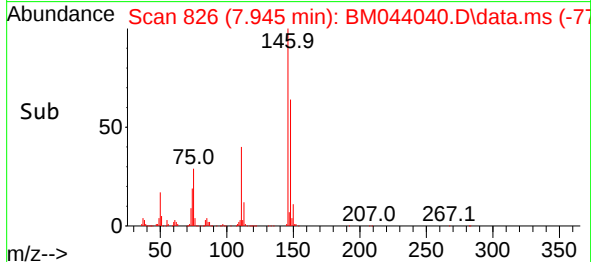
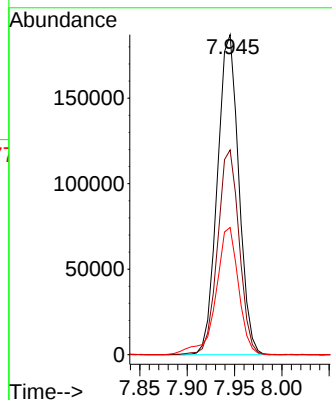
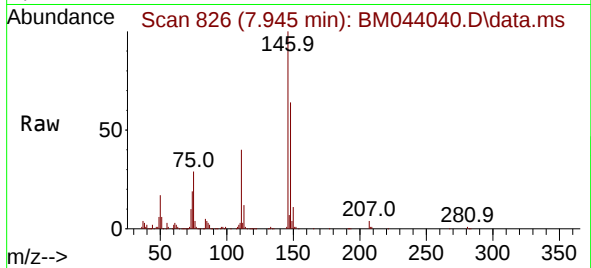




#13
1,4-Dichlorobenzene
Concen: 5.948 ng
RT: 7.945 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM044040.D
Acq: 09 Feb 2024 15:30

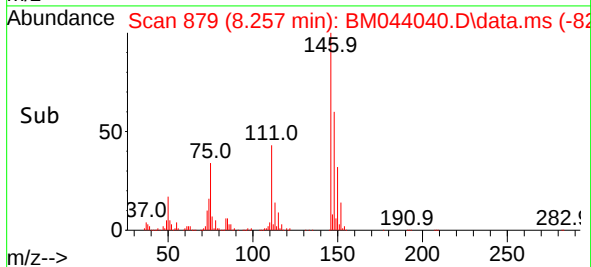
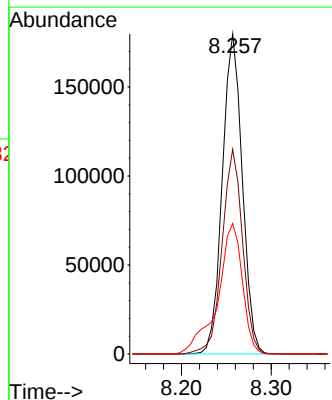
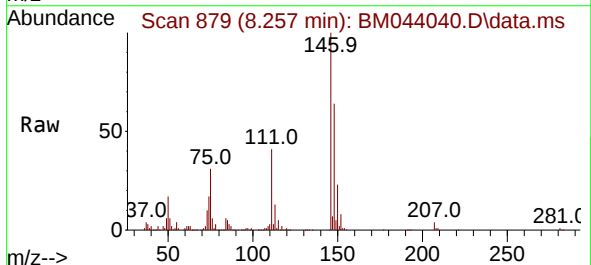
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

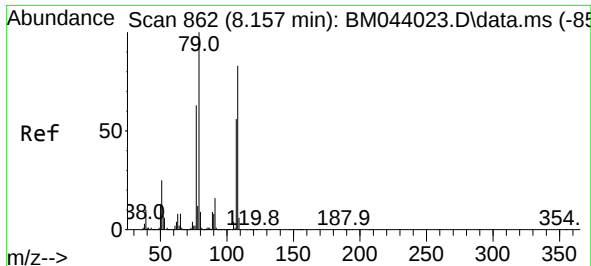
Tgt Ion:146 Resp: 294121
Ion Ratio Lower Upper
146 100
148 64.0 51.2 76.8
111 39.7 31.2 46.8



#14
1,2-Dichlorobenzene
Concen: 5.884 ng
RT: 8.257 min Scan# 879
Delta R.T. -0.000 min
Lab File: BM044040.D
Acq: 09 Feb 2024 15:30

Tgt Ion:146 Resp: 277219
Ion Ratio Lower Upper
146 100
148 63.9 51.4 77.2
111 40.7 33.7 50.5

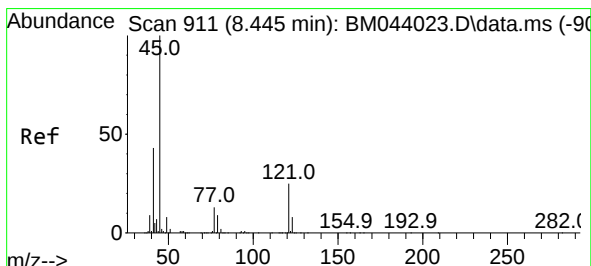
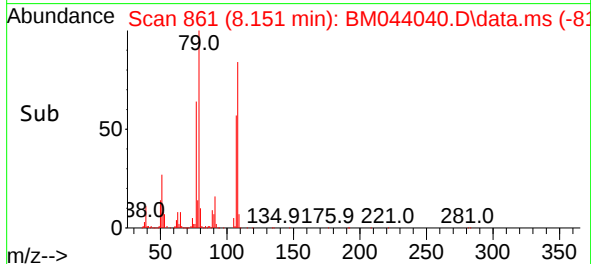
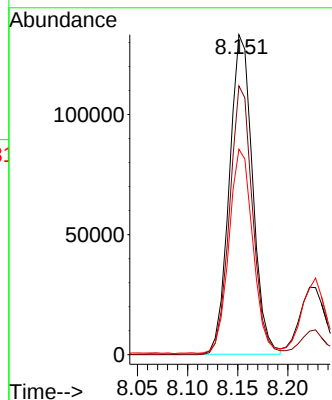
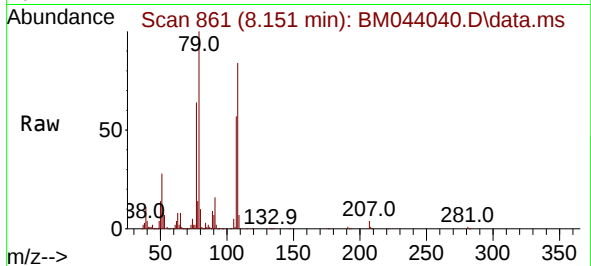




#15
Benzyl Alcohol
Concen: 6.270 ng
RT: 8.151 min Scan# 80
Delta R.T. -0.006 min
Lab File: BM044040.D
Acq: 09 Feb 2024 15:30

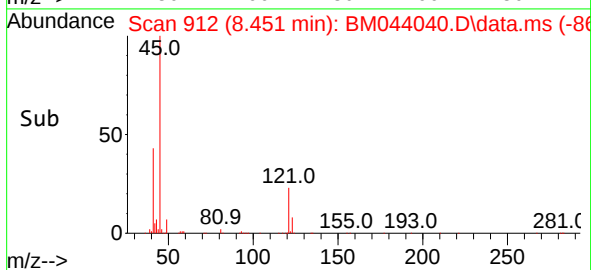
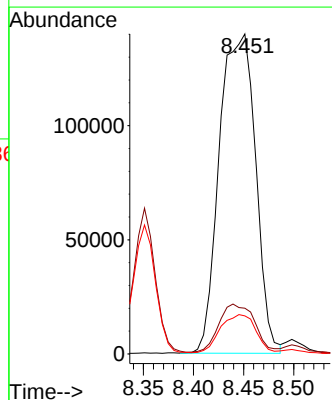
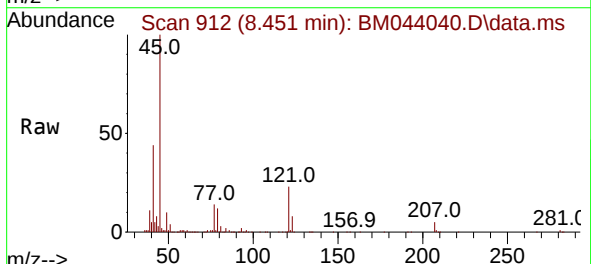
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

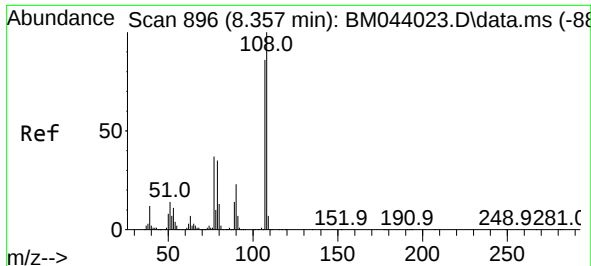
Tgt Ion: 79 Resp: 214936
Ion Ratio Lower Upper
79 100
108 84.0 66.0 99.0
77 64.2 50.4 75.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 6.310 ng
RT: 8.451 min Scan# 912
Delta R.T. 0.006 min
Lab File: BM044040.D
Acq: 09 Feb 2024 15:30

Tgt Ion: 45 Resp: 351925
Ion Ratio Lower Upper
45 100
77 14.3 0.0 35.1
79 11.9 0.0 31.5

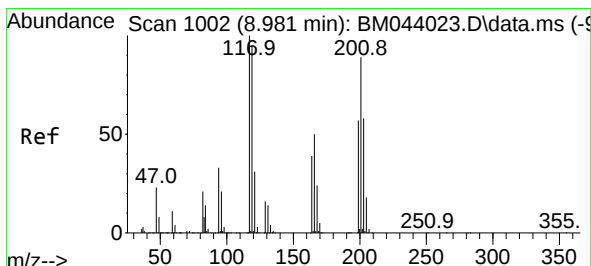
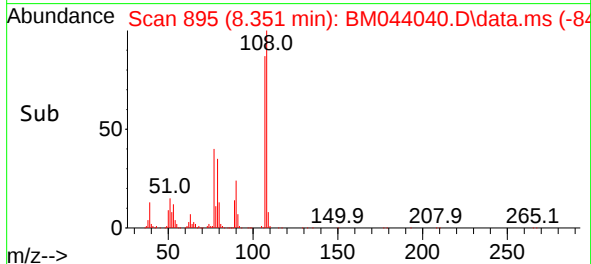
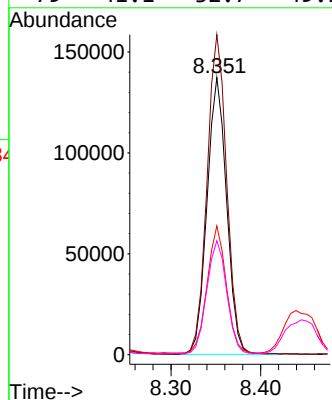
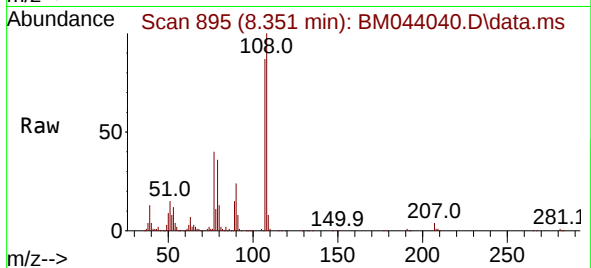




#17
2-Methylphenol
Concen: 5.972 ng
RT: 8.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BM044040.D
Acq: 09 Feb 2024 15:30

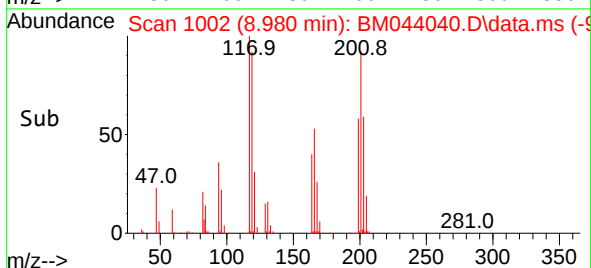
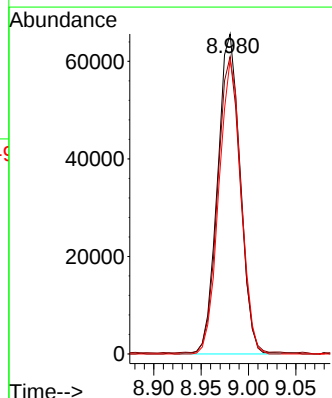
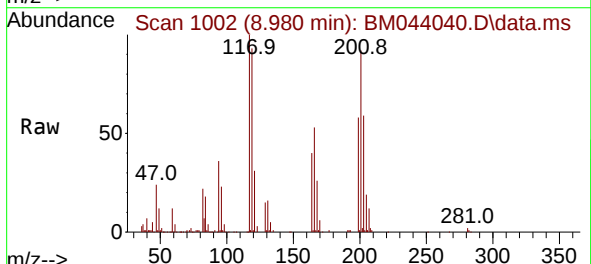
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

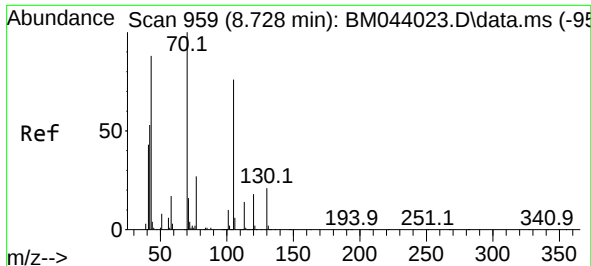
Tgt Ion:	107	Resp:	208272
Ion	Ratio	Lower	Upper
107	100		
108	115.5	93.4	140.2
77	46.5	34.7	52.1
79	41.1	32.7	49.1



#18
Hexachloroethane
Concen: 5.900 ng
RT: 8.980 min Scan# 1002
Delta R.T. -0.000 min
Lab File: BM044040.D
Acq: 09 Feb 2024 15:30

Tgt Ion:	117	Resp:	109231
Ion	Ratio	Lower	Upper
117	100		
119	92.9	75.7	113.5
201	92.0	71.5	107.3



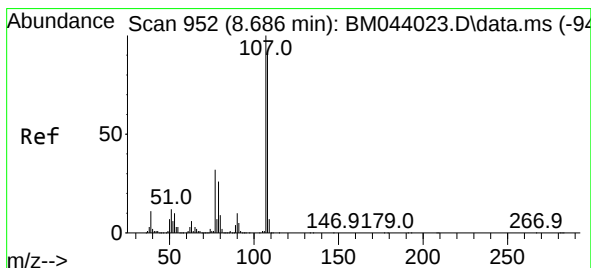
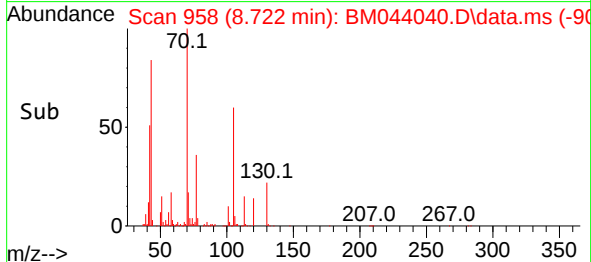
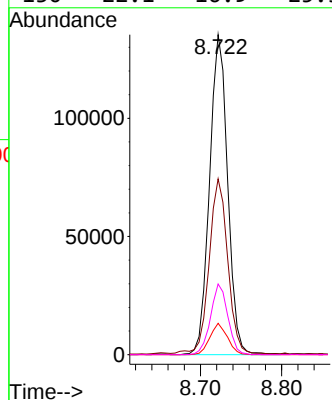
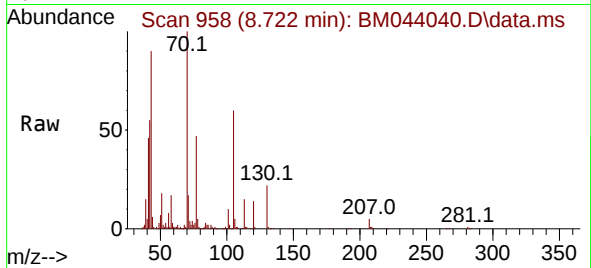


#19
n-Nitroso-di-n-propylamine
Concen: 6.484 ng
RT: 8.722 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM044040.D
Acq: 09 Feb 2024 15:30

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 70 Resp: 209610

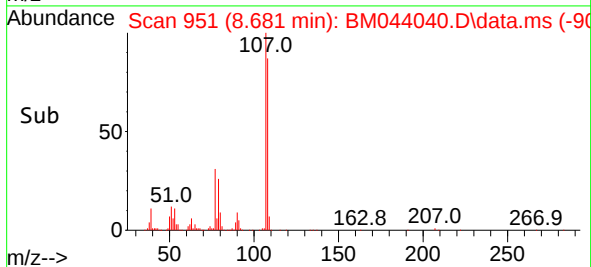
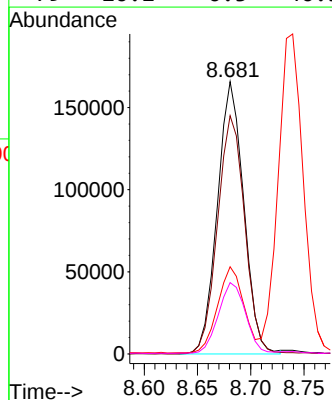
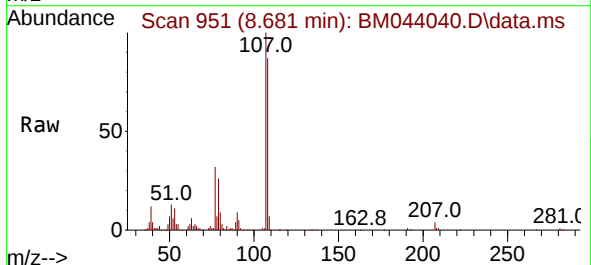
Ion	Ratio	Lower	Upper
70	100		
42	55.0	42.6	64.0
101	9.8	7.8	11.6
130	22.1	16.9	25.3

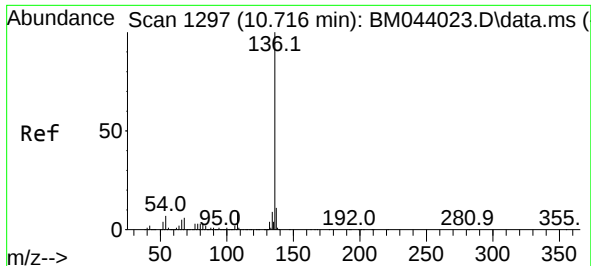


#20
3+4-Methylphenols
Concen: 5.934 ng
RT: 8.681 min Scan# 951
Delta R.T. -0.006 min
Lab File: BM044040.D
Acq: 09 Feb 2024 15:30

Tgt Ion: 107 Resp: 284821

Ion	Ratio	Lower	Upper
107	100		
108	87.5	71.5	111.5
77	32.0	11.8	51.8
79	26.2	6.3	46.3

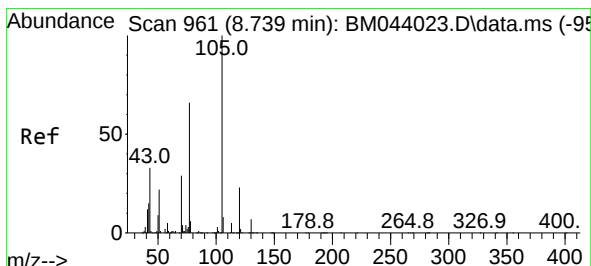
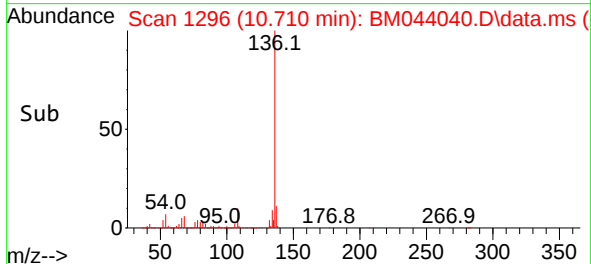
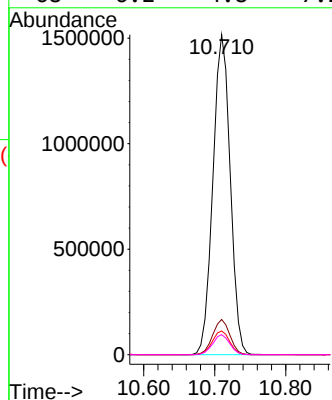
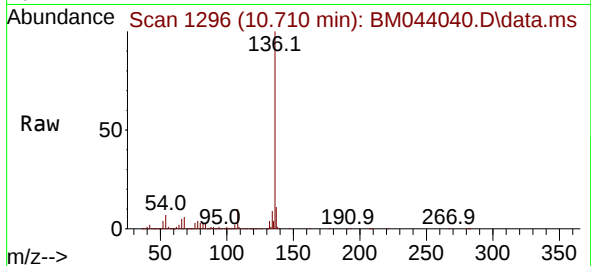




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BM044040.D
Acq: 09 Feb 2024 15:30

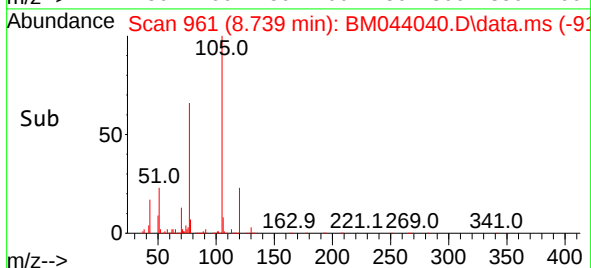
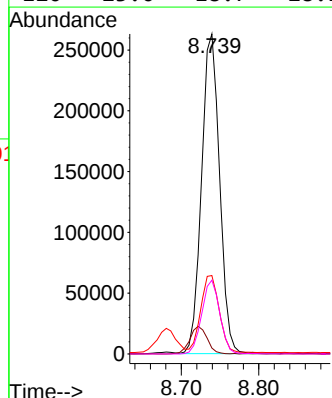
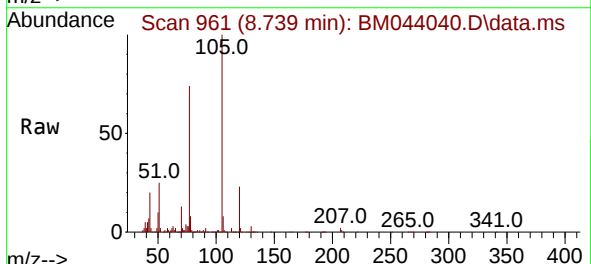
Instrument : BNA_M
ClientSampleId : LOD-MDL-WATER-01-QT4-2023

Tgt Ion:136 Resp: 2560261
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.4 5.9 8.9
68 6.2 4.8 7.2



#22
Acetophenone
Concen: 6.539 ng
RT: 8.739 min Scan# 961
Delta R.T. -0.000 min
Lab File: BM044040.D
Acq: 09 Feb 2024 15:30

Tgt Ion:105 Resp: 424967
Ion Ratio Lower Upper
105 100
71 1.9 4.0 6.0#
51 24.5 20.1 30.1
120 23.0 18.7 28.1

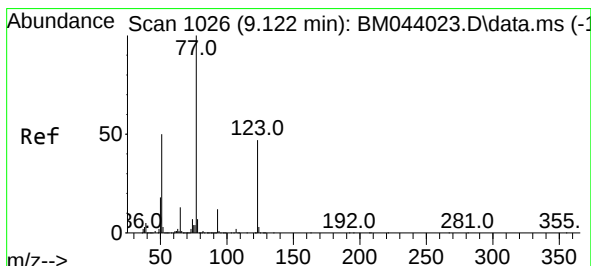
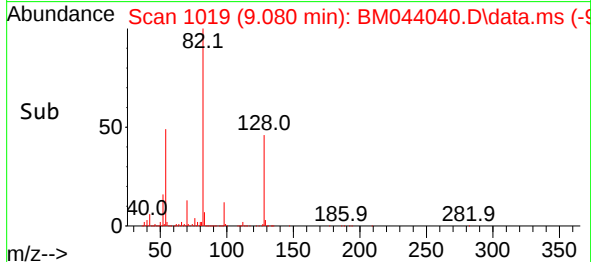
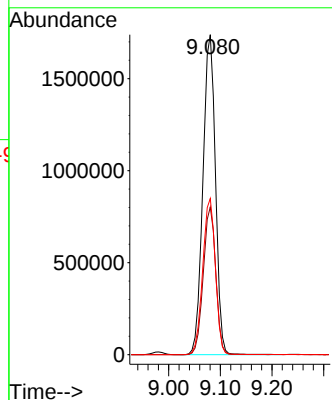
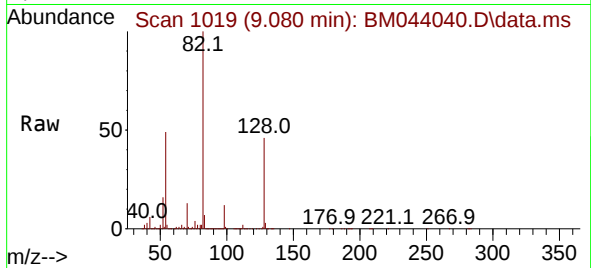




#23
Nitrobenzene-d5
Concen: 60.707 ng
RT: 9.080 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BM044040.D
Acq: 09 Feb 2024 15:30

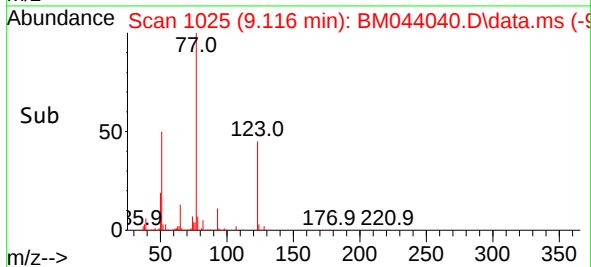
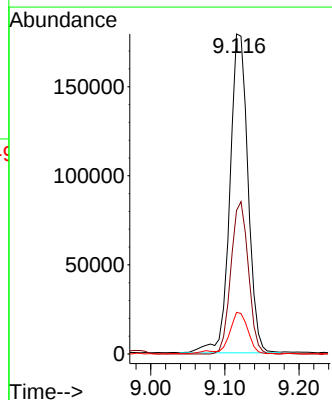
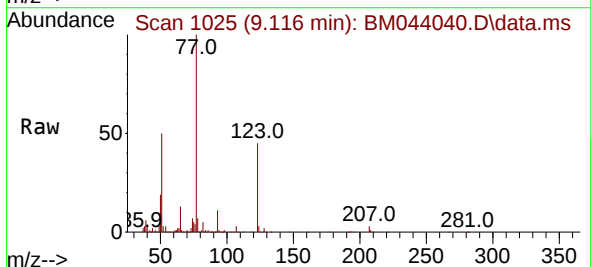
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

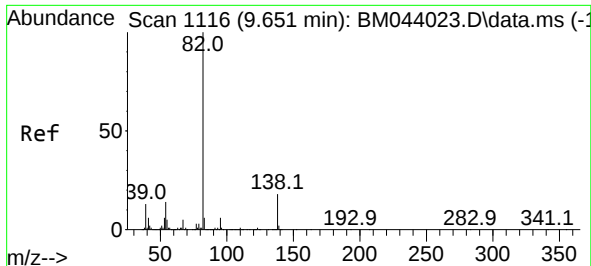
Tgt Ion: 82 Resp: 2929028
Ion Ratio Lower Upper
82 100
128 46.1 37.1 55.7
54 48.8 38.9 58.3



#24
Nitrobenzene
Concen: 6.162 ng
RT: 9.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BM044040.D
Acq: 09 Feb 2024 15:30

Tgt Ion: 77 Resp: 304467
Ion Ratio Lower Upper
77 100
123 44.8 37.8 56.8
65 13.0 10.5 15.7

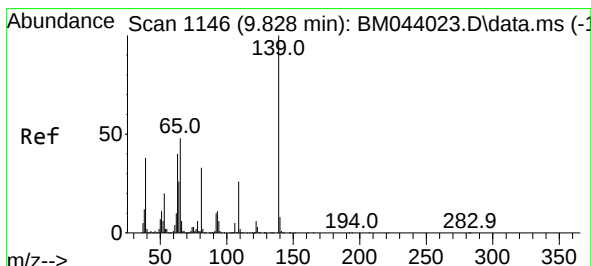
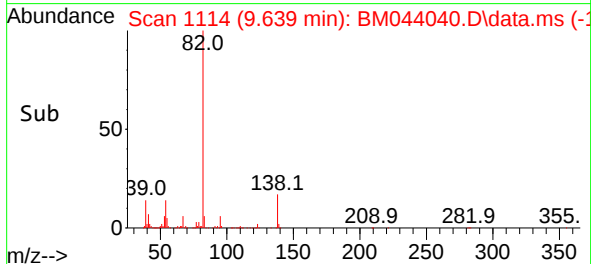
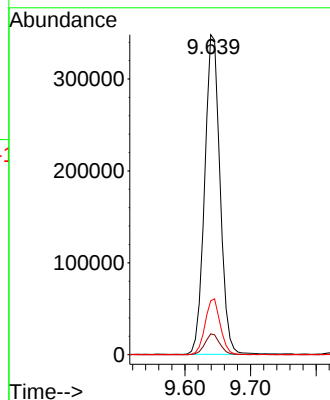
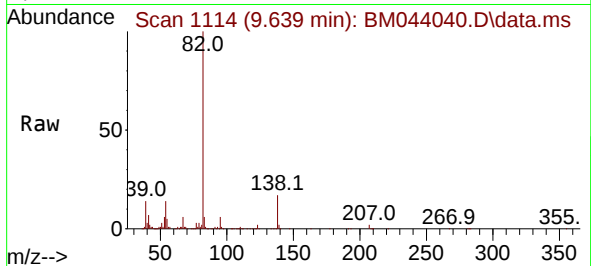




#25
Isophorone
Concen: 6.111 ng
RT: 9.639 min Scan# 1114
Delta R.T. -0.012 min
Lab File: BM044040.D
Acq: 09 Feb 2024 15:30

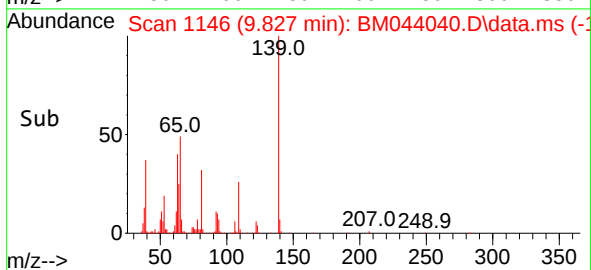
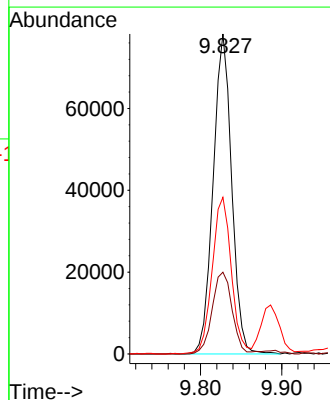
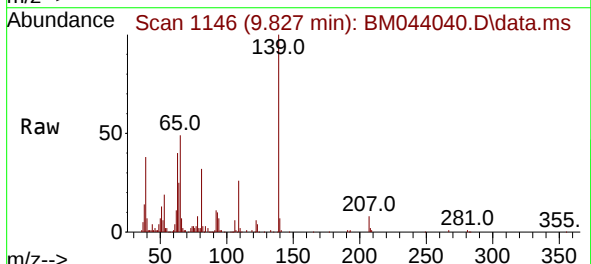
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

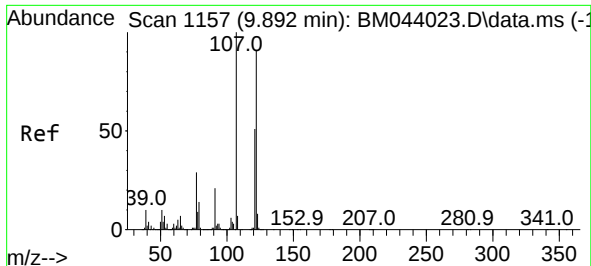
Tgt Ion: 82 Resp: 567755
Ion Ratio Lower Upper
82 100
95 6.5 5.2 7.8
138 16.9 14.3 21.5



#26
2-Nitrophenol
Concen: 5.416 ng
RT: 9.827 min Scan# 1146
Delta R.T. -0.000 min
Lab File: BM044040.D
Acq: 09 Feb 2024 15:30

Tgt Ion:139 Resp: 124074
Ion Ratio Lower Upper
139 100
109 25.6 21.2 31.8
65 49.0 38.5 57.7





#27

2,4-Dimethylphenol

Concen: 6.442 ng

RT: 9.886 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BM044040.D

Acq: 09 Feb 2024 15:30

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

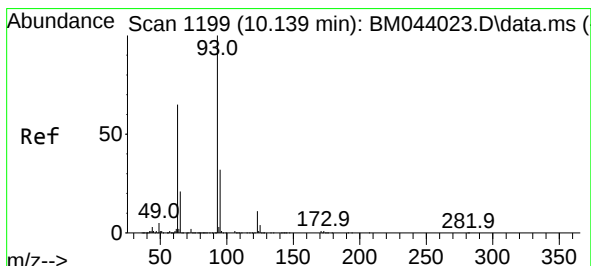
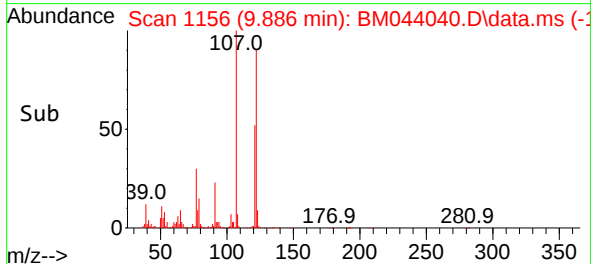
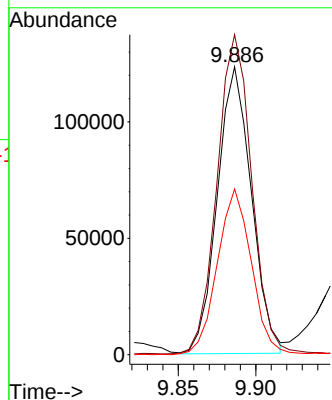
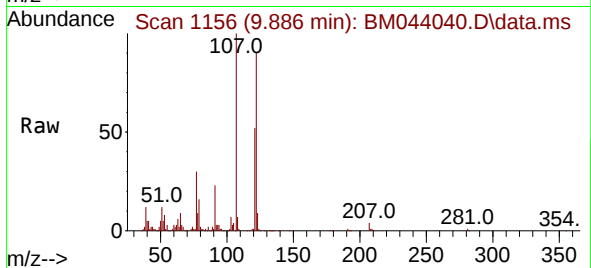
Tgt Ion:122 Resp: 188681

Ion Ratio Lower Upper

122 100

107 111.2 87.8 131.8

121 57.6 44.7 67.1



#28

bis(2-Chloroethoxy)methane

Concen: 6.213 ng

RT: 10.133 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BM044040.D

Acq: 09 Feb 2024 15:30

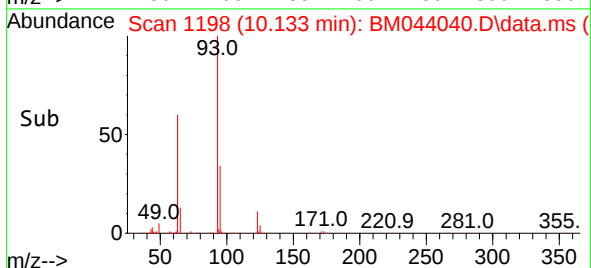
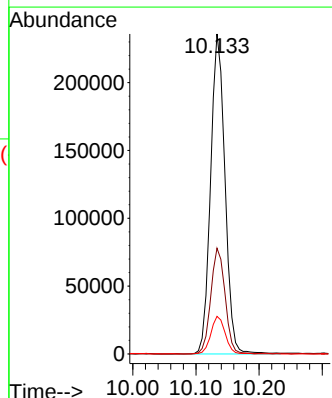
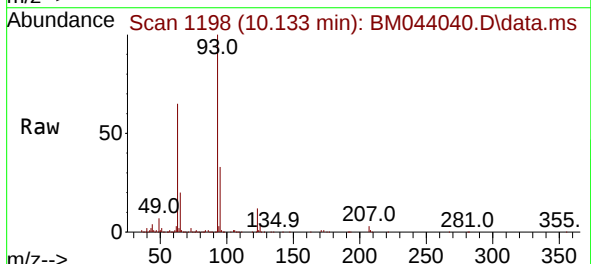
Tgt Ion: 93 Resp: 373281

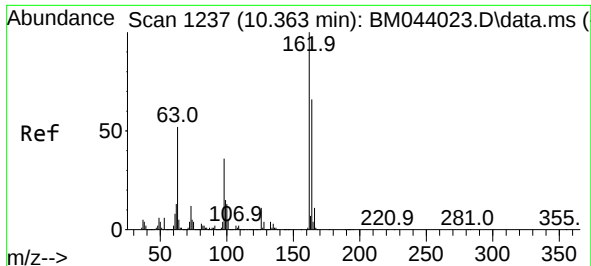
Ion Ratio Lower Upper

93 100

95 33.1 26.0 39.0

123 11.8 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 5.848 ng

RT: 10.357 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM044040.D

Acq: 09 Feb 2024 15:30

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

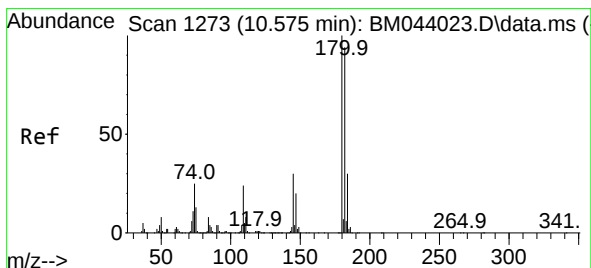
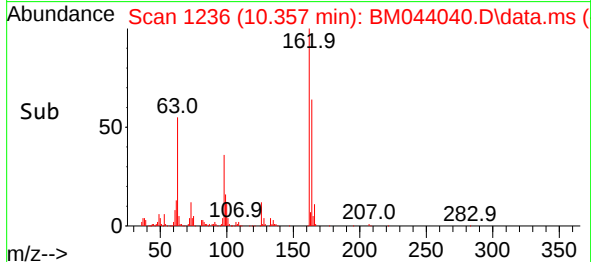
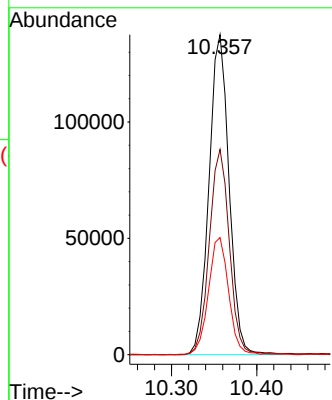
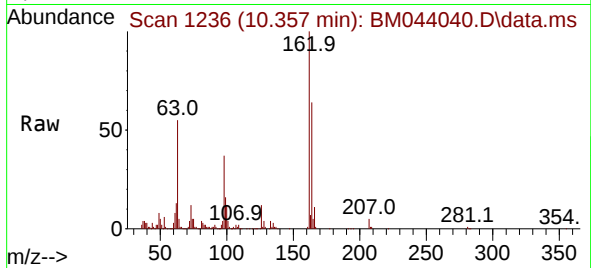
Tgt Ion:162 Resp: 225514

Ion Ratio Lower Upper

162 100

164 64.2 46.1 86.1

98 36.6 15.9 55.9



#30

1,2,4-Trichlorobenzene

Concen: 5.873 ng

RT: 10.569 min Scan# 1272

Delta R.T. -0.006 min

Lab File: BM044040.D

Acq: 09 Feb 2024 15:30

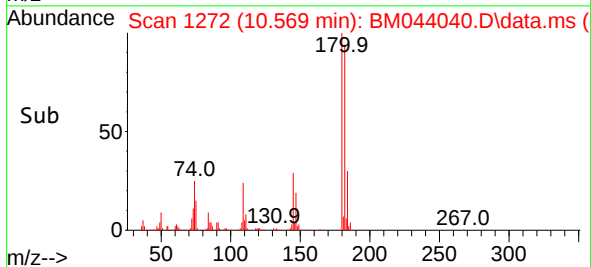
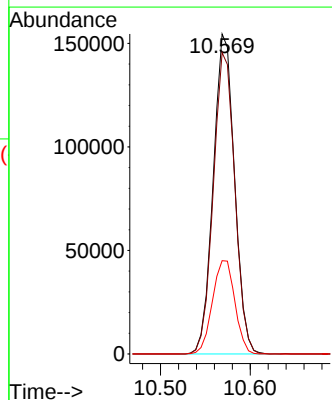
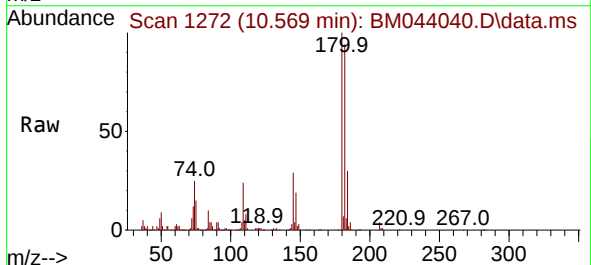
Tgt Ion:180 Resp: 254693

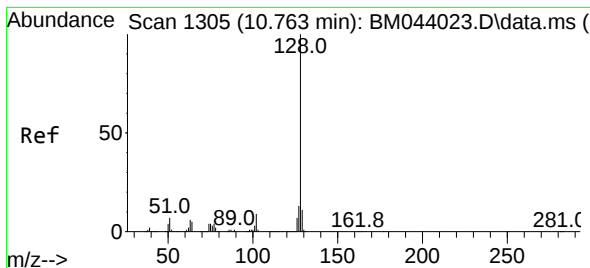
Ion Ratio Lower Upper

180 100

182 94.2 75.2 112.8

145 29.2 24.3 36.5





#31

Naphthalene

Concen: 6.075 ng

RT: 10.757 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM044040.D

Acq: 09 Feb 2024 15:30

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

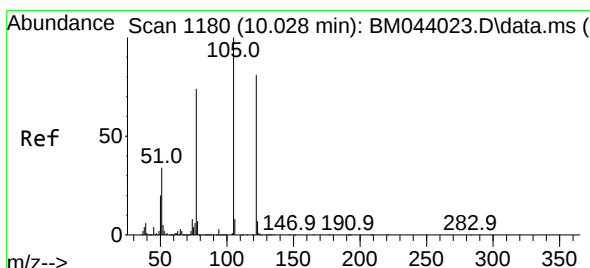
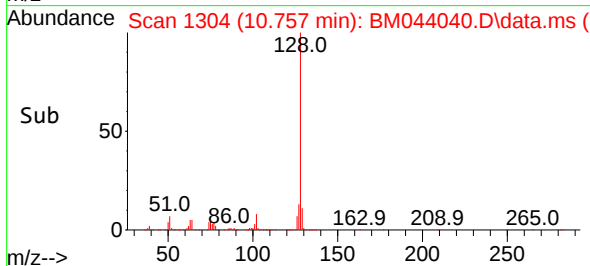
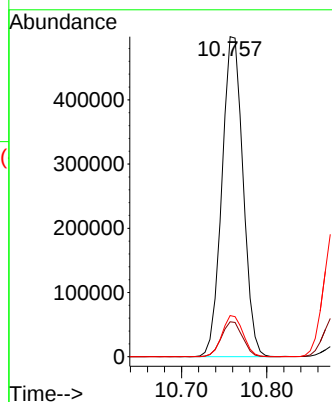
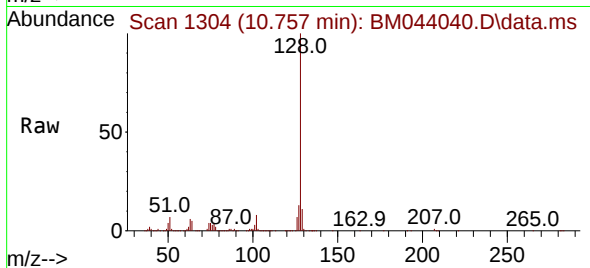
Tgt Ion:128 Resp: 858397

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.4

127 12.9 10.3 15.5



#32

Benzoic acid

Concen: 3.594 ng

RT: 9.969 min Scan# 1170

Delta R.T. -0.059 min

Lab File: BM044040.D

Acq: 09 Feb 2024 15:30

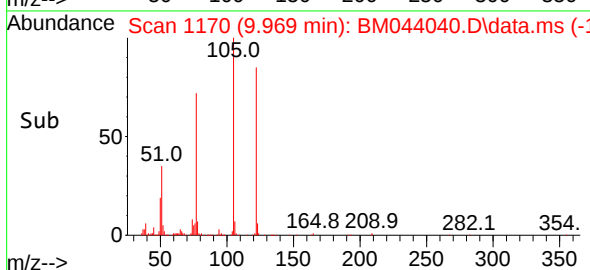
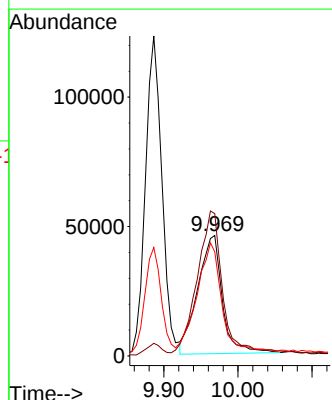
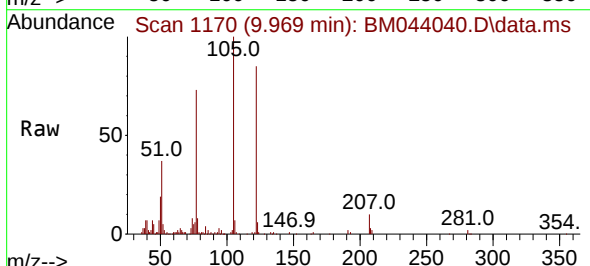
Tgt Ion:122 Resp: 106032

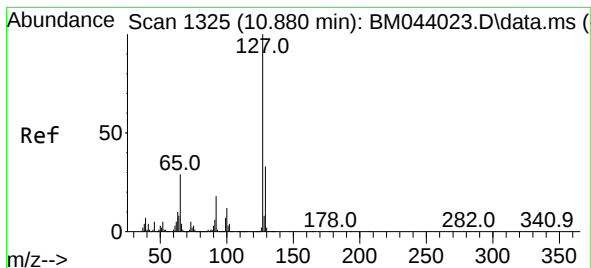
Ion Ratio Lower Upper

122 100

105 118.2 100.1 140.1

77 86.5 69.6 109.6

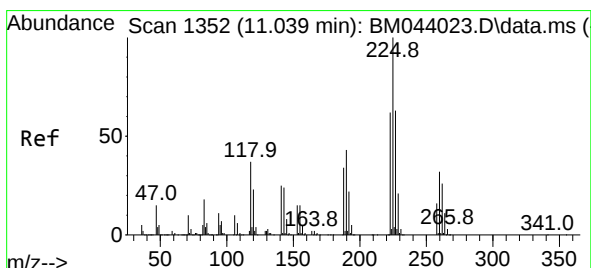
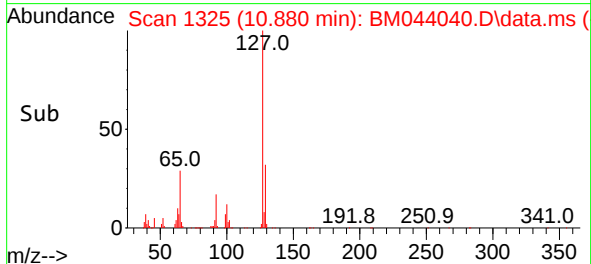
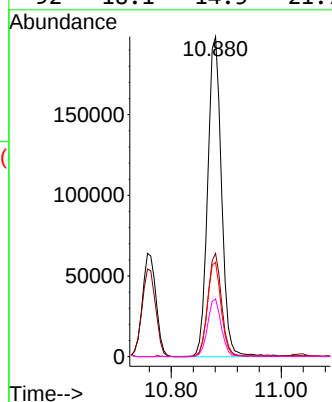
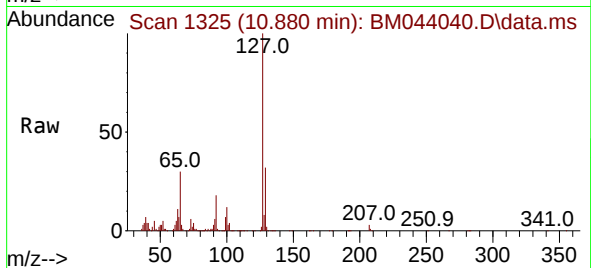




#33
4-Chloroaniline
Concen: 6.490 ng
RT: 10.880 min Scan# 1325
Delta R.T. -0.000 min
Lab File: BM044040.D
Acq: 09 Feb 2024 15:30

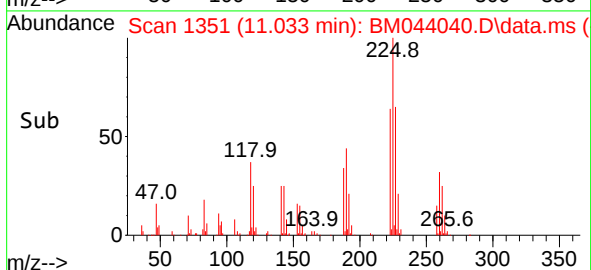
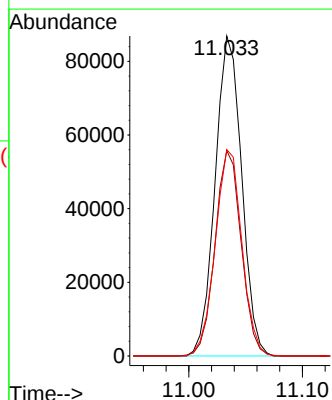
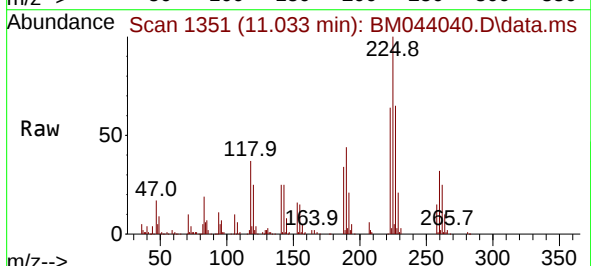
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

Tgt Ion:	127	Resp:	347272
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.0	39.0
65	29.5	23.0	34.6
92	18.1	14.5	21.7



#34
Hexachlorobutadiene
Concen: 5.681 ng
RT: 11.033 min Scan# 1351
Delta R.T. -0.006 min
Lab File: BM044040.D
Acq: 09 Feb 2024 15:30

Tgt Ion:	225	Resp:	141012
Ion	Ratio	Lower	Upper
225	100		
223	64.2	49.9	74.9
227	64.5	50.6	76.0

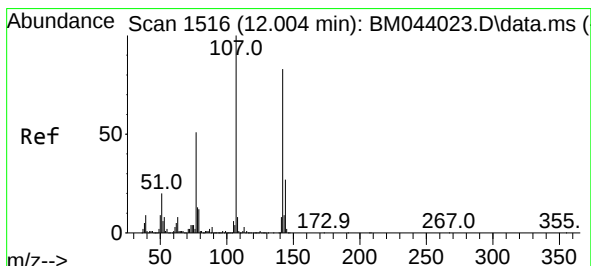
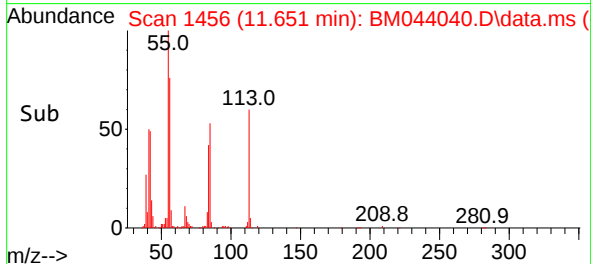
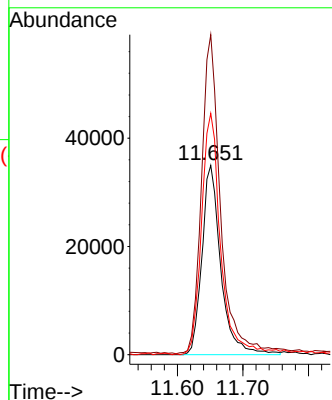
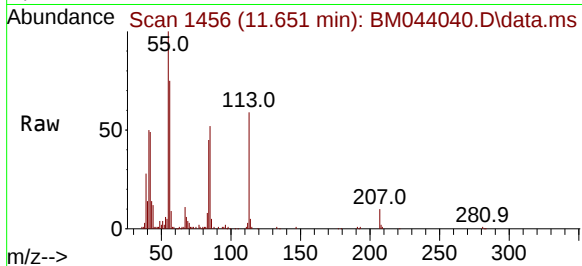




#35
Caprolactam
Concen: 5.646 ng
RT: 11.651 min Scan# 1460
Delta R.T. -0.024 min
Lab File: BM044040.D
Acq: 09 Feb 2024 15:30

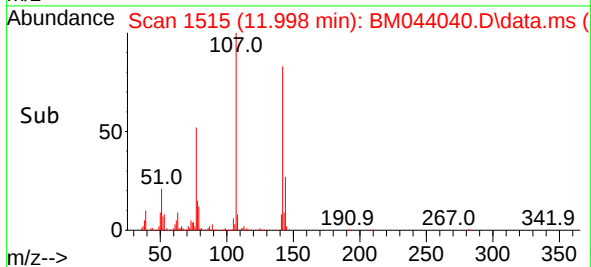
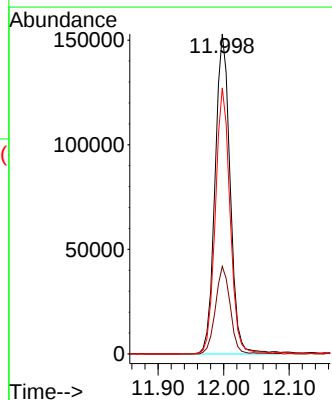
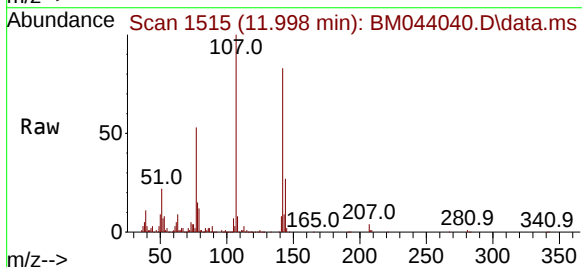
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

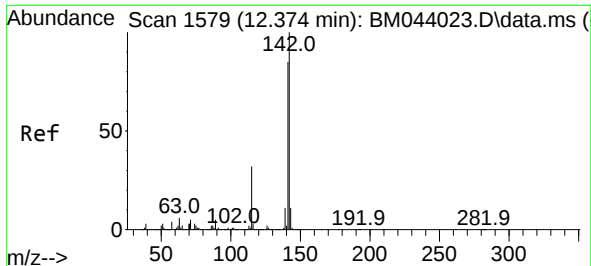
Tgt Ion:113 Resp: 70064
Ion Ratio Lower Upper
113 100
55 169.0 145.6 185.6
56 127.4 103.3 143.3



#36
4-Chloro-3-methylphenol
Concen: 5.835 ng
RT: 11.998 min Scan# 1515
Delta R.T. -0.006 min
Lab File: BM044040.D
Acq: 09 Feb 2024 15:30

Tgt Ion:107 Resp: 243642
Ion Ratio Lower Upper
107 100
144 27.3 21.3 31.9
142 83.2 66.2 99.4

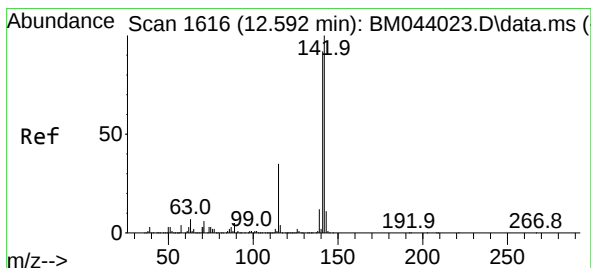
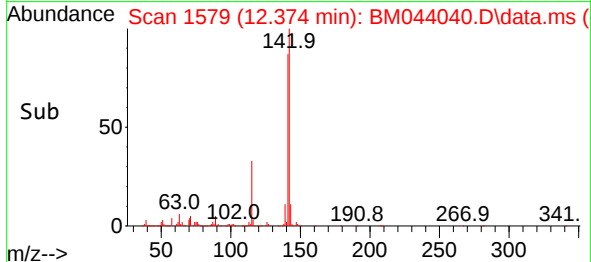
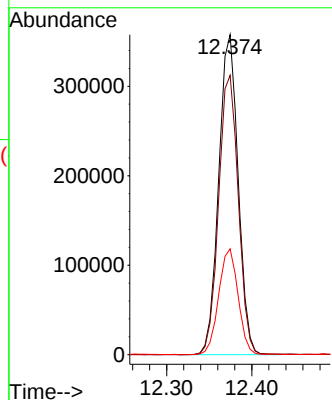
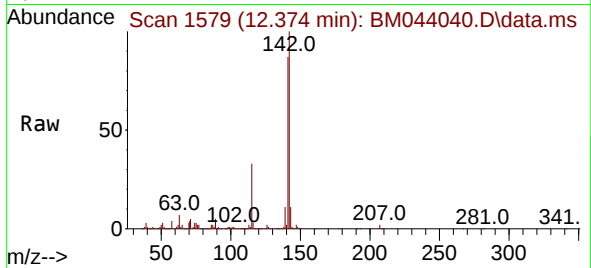




#37
2-Methylnaphthalene
Concen: 6.022 ng
RT: 12.374 min Scan# 1579
Delta R.T. -0.000 min
Lab File: BM044040.D
Acq: 09 Feb 2024 15:30

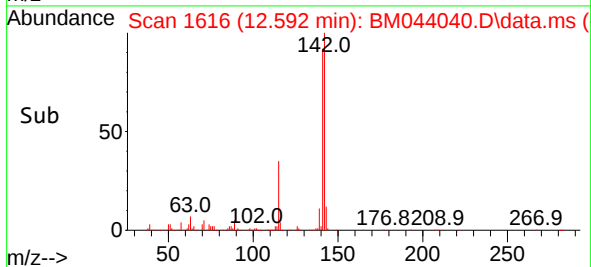
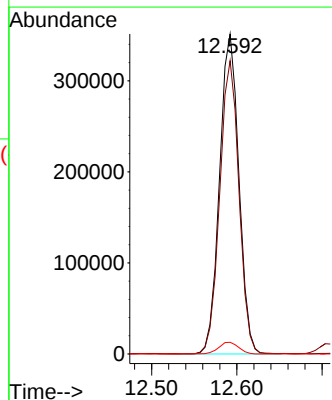
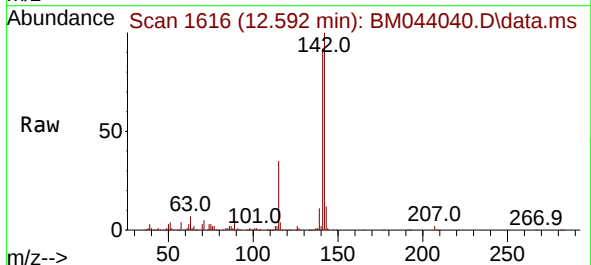
Instrument : BNA_M
ClientSampleId : LOD-MDL-WATER-01-QT4-2023

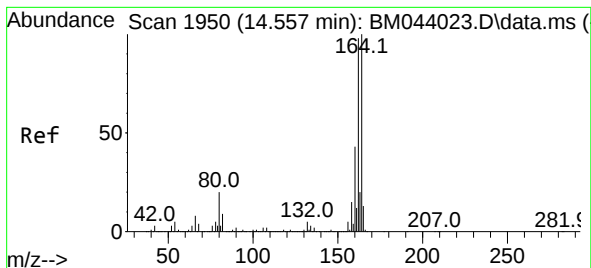
Tgt Ion:142 Resp: 566768
Ion Ratio Lower Upper
142 100
141 87.3 68.3 102.5
115 33.1 25.7 38.5



#38
1-Methylnaphthalene
Concen: 5.997 ng
RT: 12.592 min Scan# 1616
Delta R.T. -0.000 min
Lab File: BM044040.D
Acq: 09 Feb 2024 15:30

Tgt Ion:142 Resp: 554666
Ion Ratio Lower Upper
142 100
141 91.7 73.4 110.0
116 3.7 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: BM044040.D

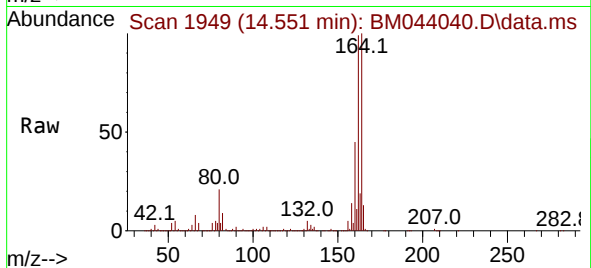
Acq: 09 Feb 2024 15:30

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023



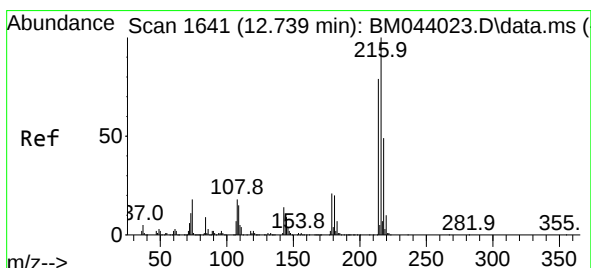
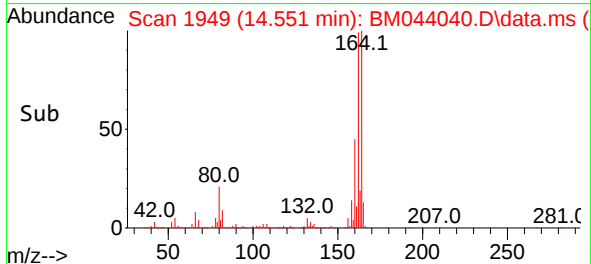
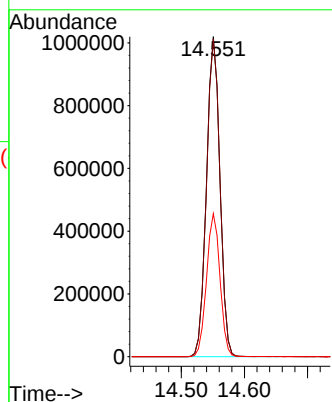
Tgt Ion:164 Resp: 1508151

Ion Ratio Lower Upper

164 100

162 99.3 78.4 117.6

160 44.7 34.6 51.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 6.170 ng

RT: 12.733 min Scan# 1640

Delta R.T. -0.006 min

Lab File: BM044040.D

Acq: 09 Feb 2024 15:30

Tgt Ion:216 Resp: 270458

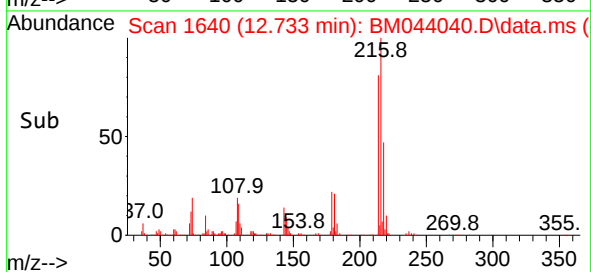
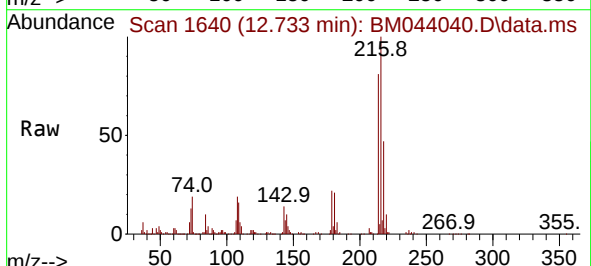
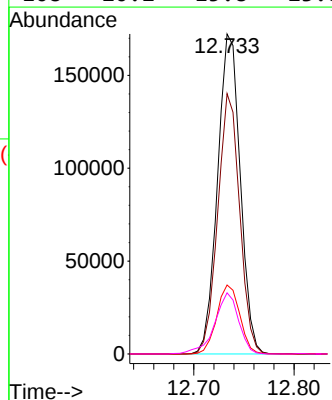
Ion Ratio Lower Upper

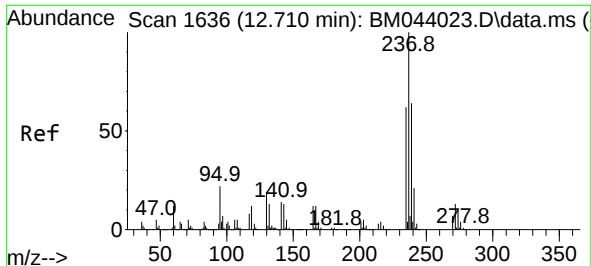
216 100

214 78.6 63.1 94.7

179 21.8 17.0 25.6

108 20.2 15.8 23.8

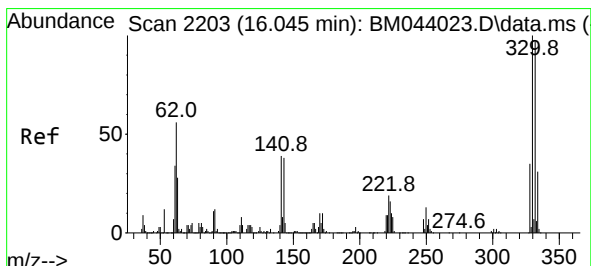
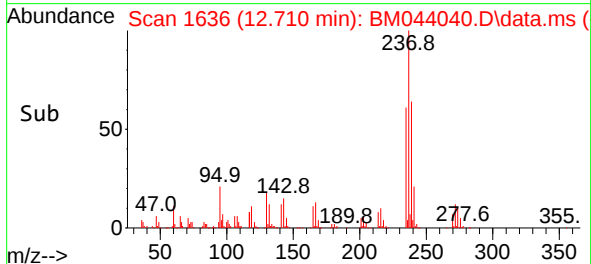
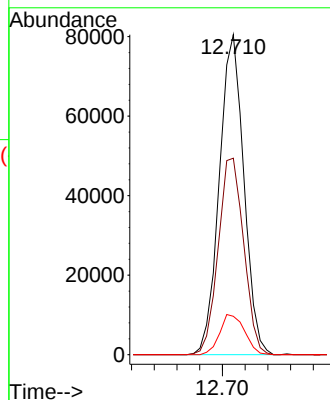
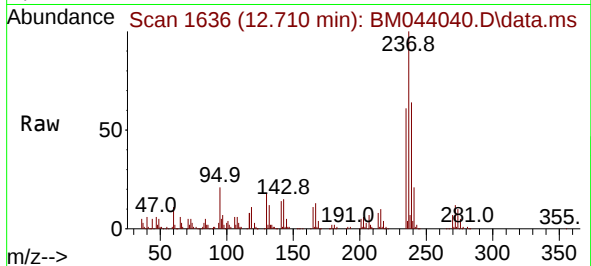




#41
Hexachlorocyclopentadiene
Concen: 6.304 ng
RT: 12.710 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM044040.D
Acq: 09 Feb 2024 15:30

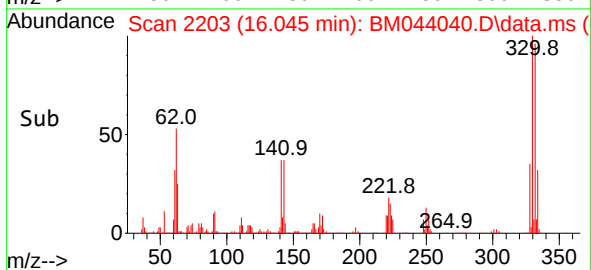
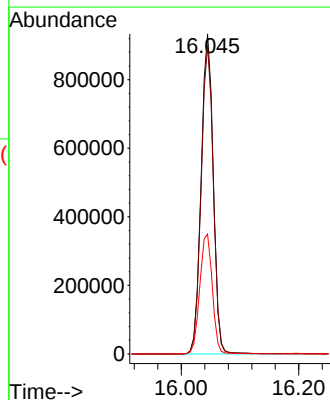
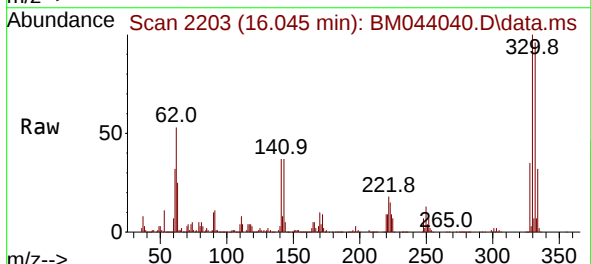
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

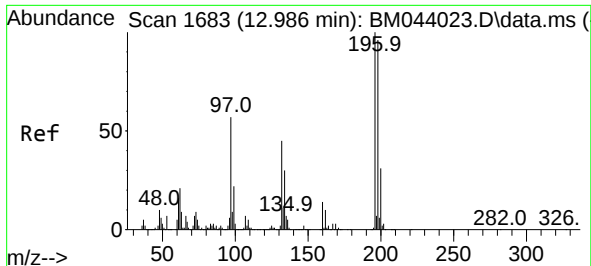
Tgt Ion:237 Resp: 120602
Ion Ratio Lower Upper
237 100
235 61.4 42.4 82.4
272 12.0 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 81.966 ng
RT: 16.045 min Scan# 2203
Delta R.T. -0.000 min
Lab File: BM044040.D
Acq: 09 Feb 2024 15:30

Tgt Ion:330 Resp: 1338433
Ion Ratio Lower Upper
330 100
332 96.7 77.7 116.5
141 38.8 31.0 46.4

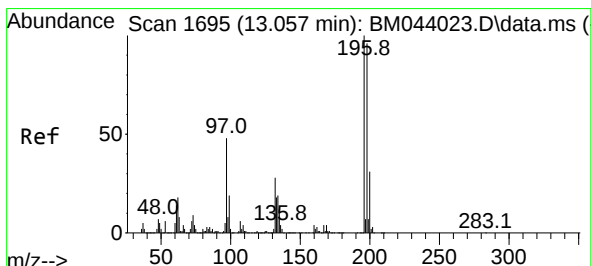
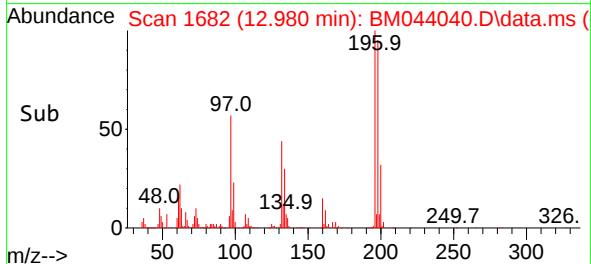
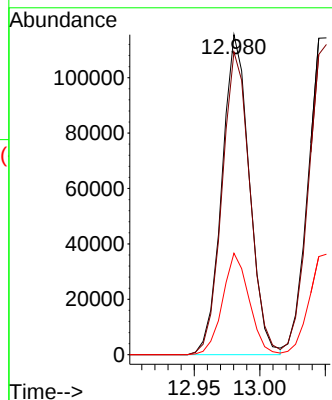
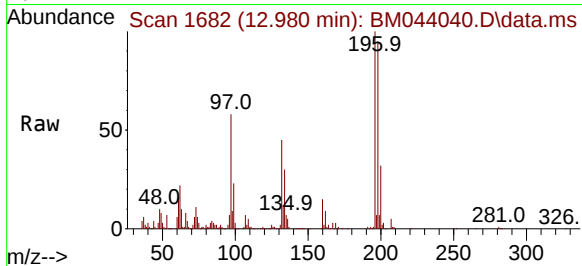




#43
2,4,6-Trichlorophenol
Concen: 5.646 ng
RT: 12.980 min Scan# 1682
Delta R.T. -0.006 min
Lab File: BM044040.D
Acq: 09 Feb 2024 15:30

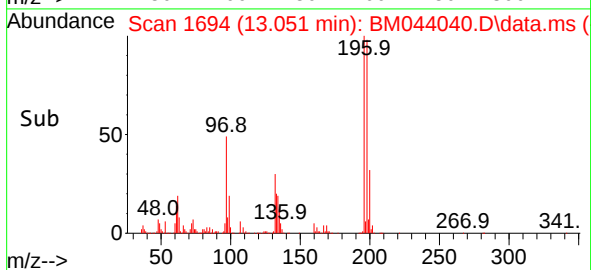
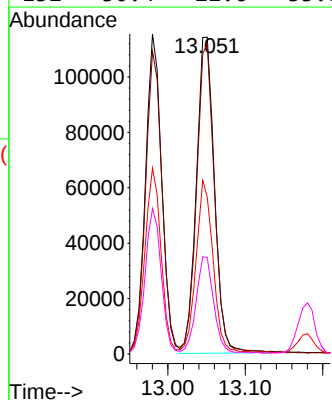
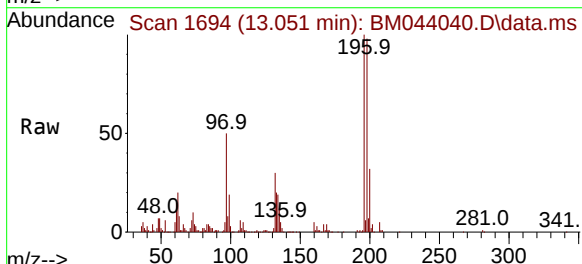
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

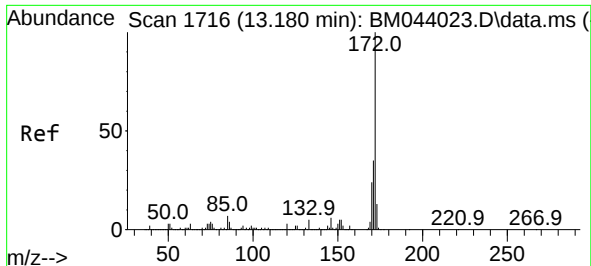
Tgt Ion:196 Resp: 168445
Ion Ratio Lower Upper
196 100
198 94.6 76.8 115.2
200 31.7 24.6 37.0



#44
2,4,5-Trichlorophenol
Concen: 5.664 ng
RT: 13.051 min Scan# 1694
Delta R.T. -0.006 min
Lab File: BM044040.D
Acq: 09 Feb 2024 15:30

Tgt Ion:196 Resp: 185424
Ion Ratio Lower Upper
196 100
198 97.9 76.9 115.3
97 49.5 39.0 58.4
132 30.4 22.6 33.8

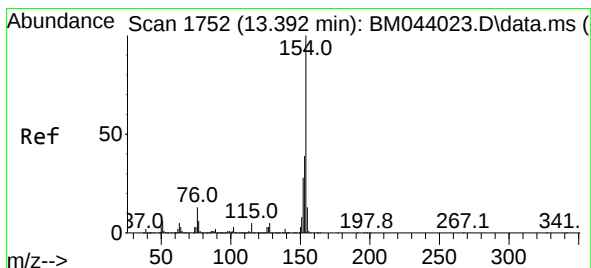
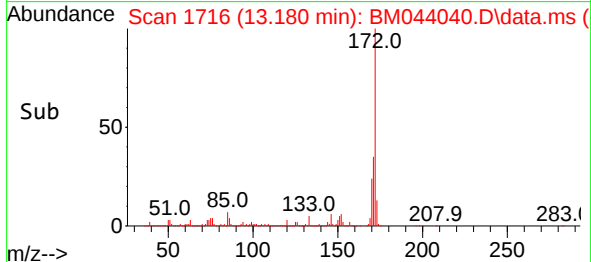
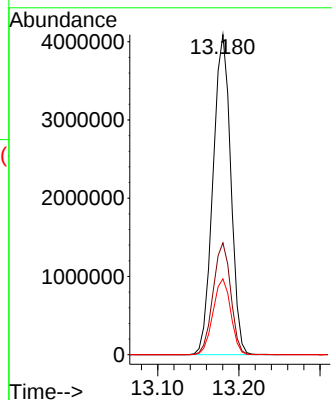
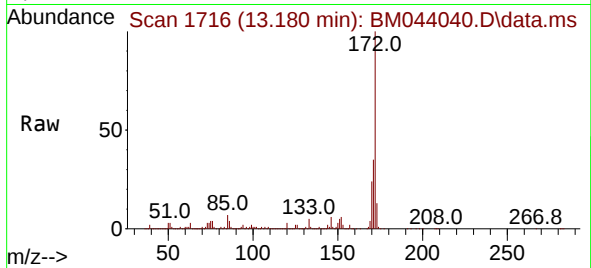




#45
2-Fluorobiphenyl
Concen: 58.116 ng
RT: 13.180 min Scan# 1716
Delta R.T. -0.000 min
Lab File: BM044040.D
Acq: 09 Feb 2024 15:30

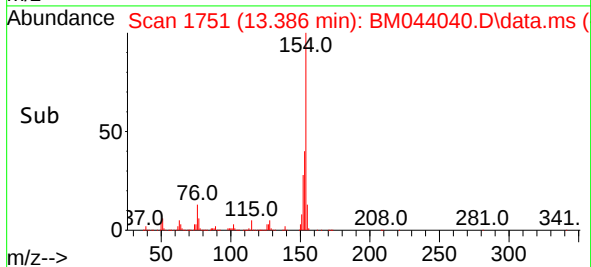
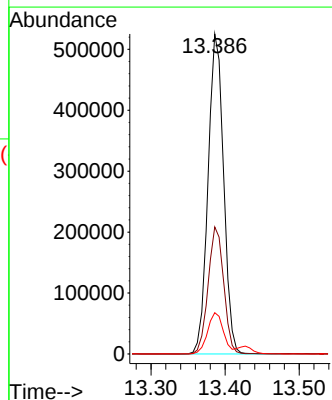
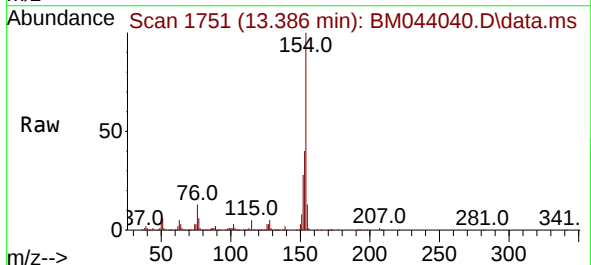
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

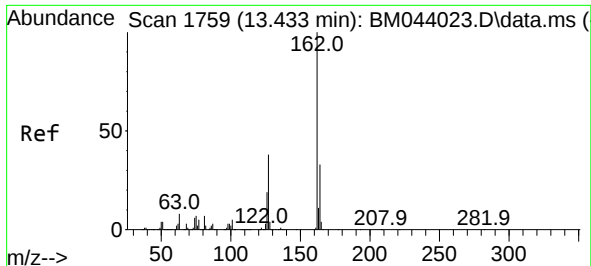
Tgt Ion:172 Resp: 6210291
Ion Ratio Lower Upper
172 100
171 34.9 27.9 41.9
170 23.7 19.0 28.4



#46
1,1'-Biphenyl
Concen: 6.439 ng
RT: 13.386 min Scan# 1751
Delta R.T. -0.006 min
Lab File: BM044040.D
Acq: 09 Feb 2024 15:30

Tgt Ion:154 Resp: 766306
Ion Ratio Lower Upper
154 100
153 39.7 19.4 59.4
76 12.9 0.0 32.9

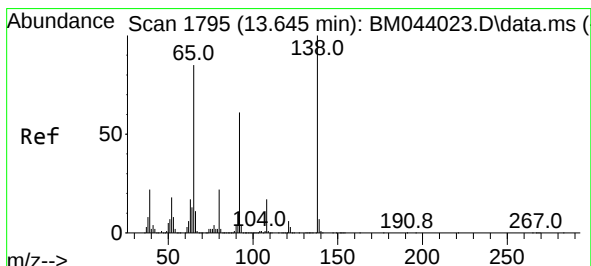
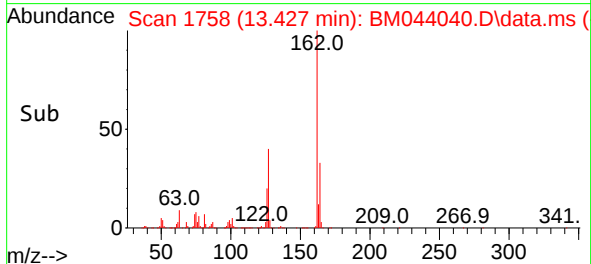
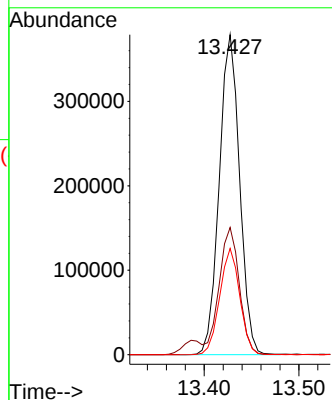
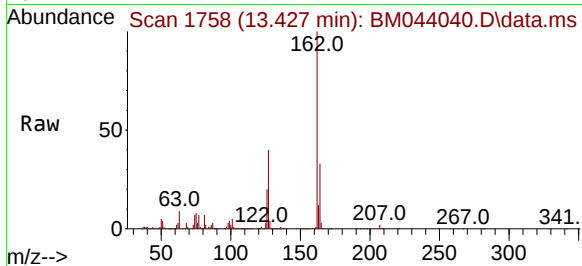




#47
2-Chloronaphthalene
Concen: 6.011 ng
RT: 13.427 min Scan# 1758
Delta R.T. -0.006 min
Lab File: BM044040.D
Acq: 09 Feb 2024 15:30

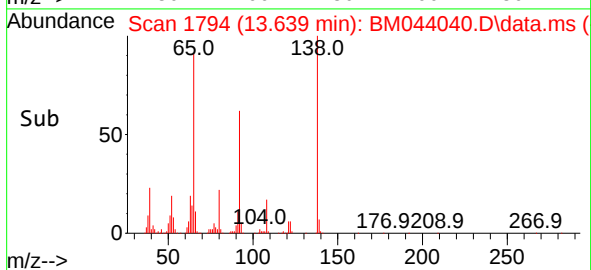
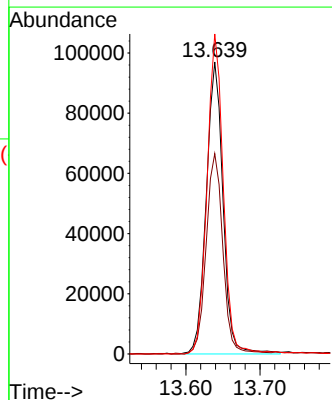
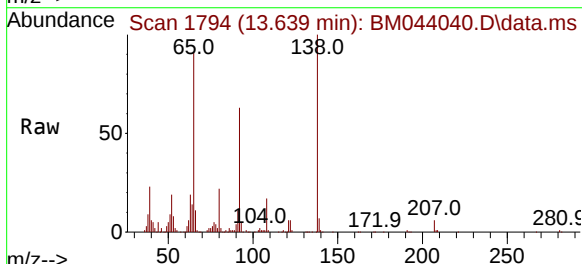
Instrument : BNA_M
ClientSampleId : LOD-MDL-WATER-01-QT4-2023

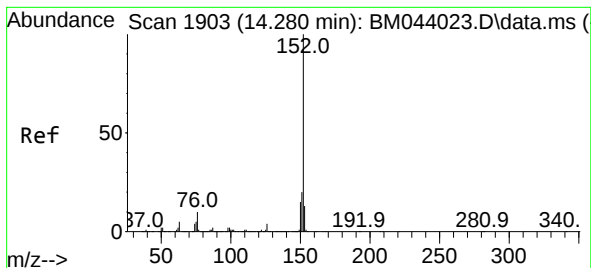
Tgt Ion:162 Resp: 566639
Ion Ratio Lower Upper
162 100
127 39.8 30.9 46.3
164 33.2 26.4 39.6



#48
2-Nitroaniline
Concen: 5.760 ng
RT: 13.639 min Scan# 1794
Delta R.T. -0.006 min
Lab File: BM044040.D
Acq: 09 Feb 2024 15:30

Tgt Ion: 65 Resp: 152753
Ion Ratio Lower Upper
65 100
92 68.6 58.1 87.1
138 109.6 94.6 142.0





#49

Acenaphthylene

Concen: 6.653 ng

RT: 14.274 min Scan# 1902

Delta R.T. -0.006 min

Lab File: BM044040.D

Acq: 09 Feb 2024 15:30

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

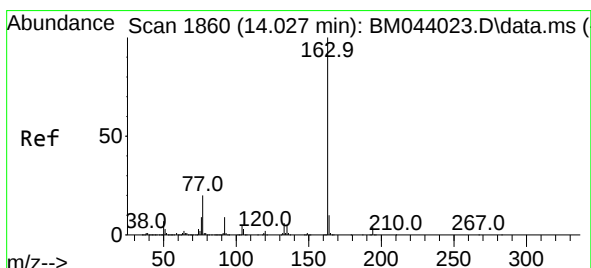
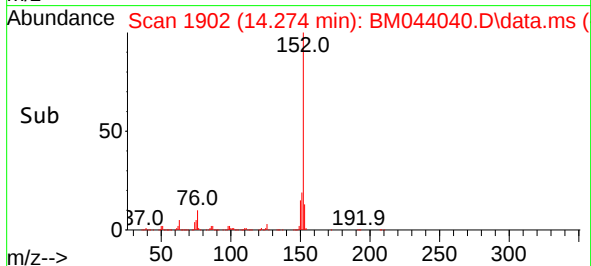
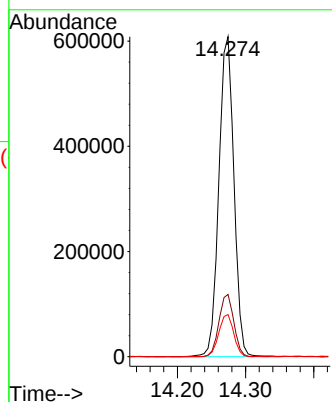
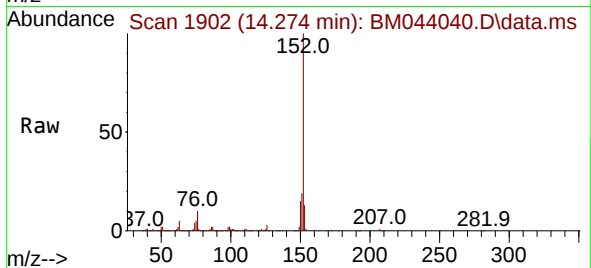
Tgt Ion:152 Resp: 935675

Ion Ratio Lower Upper

152 100

151 19.4 15.8 23.6

153 13.2 10.5 15.7



#50

Dimethylphthalate

Concen: 6.263 ng

RT: 14.021 min Scan# 1859

Delta R.T. -0.006 min

Lab File: BM044040.D

Acq: 09 Feb 2024 15:30

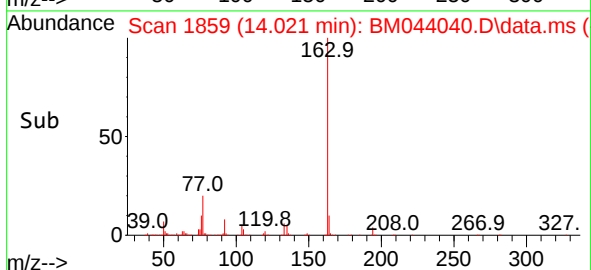
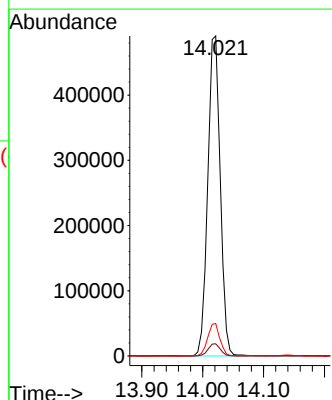
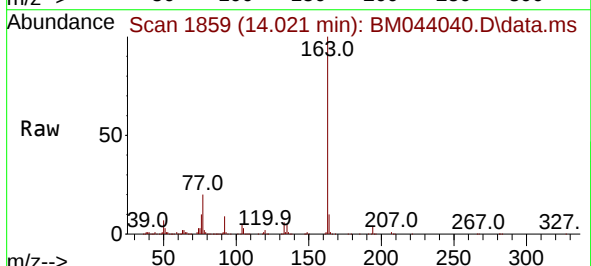
Tgt Ion:163 Resp: 700282

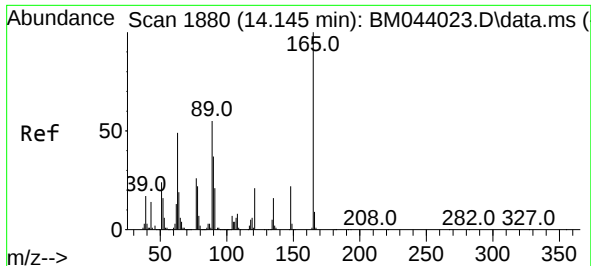
Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

164 10.2 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 5.629 ng

RT: 14.139 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM044040.D

Acq: 09 Feb 2024 15:30

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

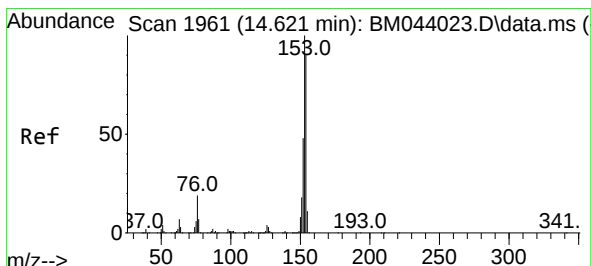
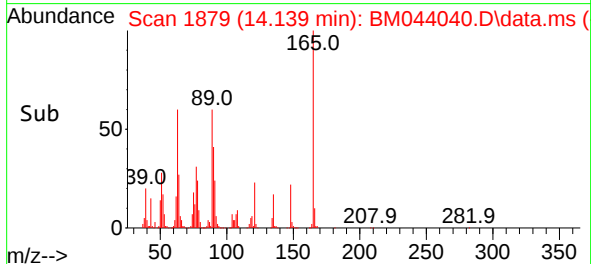
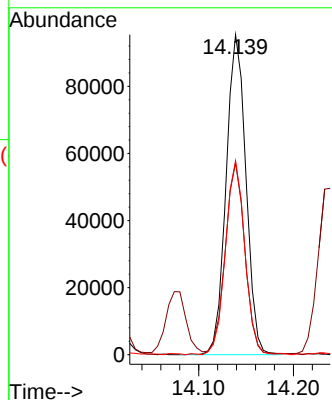
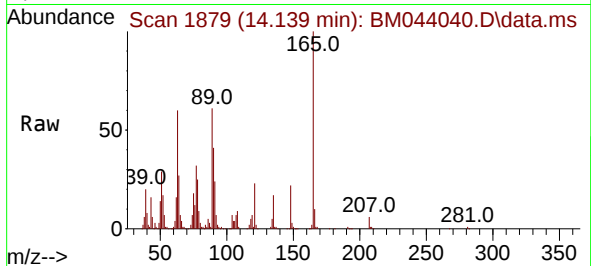
Tgt Ion:165 Resp: 138879

Ion Ratio Lower Upper

165 100

63 60.0 43.5 65.3

89 60.6 44.4 66.6



#52

Acenaphthene

Concen: 6.141 ng

RT: 14.615 min Scan# 1960

Delta R.T. -0.006 min

Lab File: BM044040.D

Acq: 09 Feb 2024 15:30

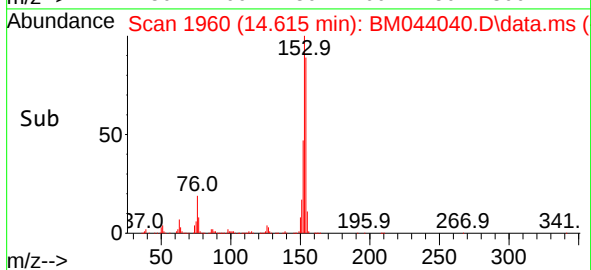
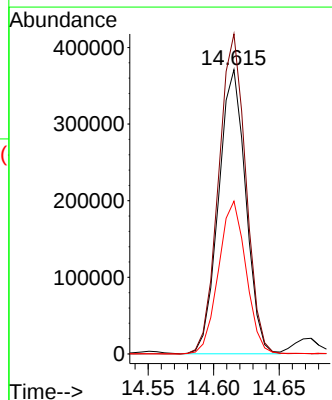
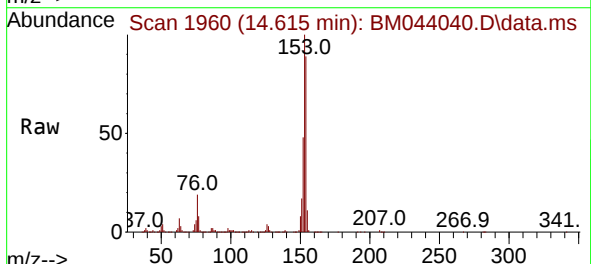
Tgt Ion:154 Resp: 534492

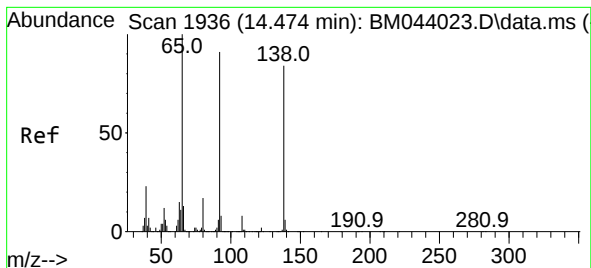
Ion Ratio Lower Upper

154 100

153 112.6 89.3 133.9

152 53.8 43.0 64.6

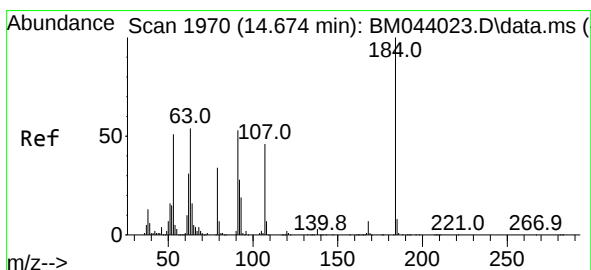
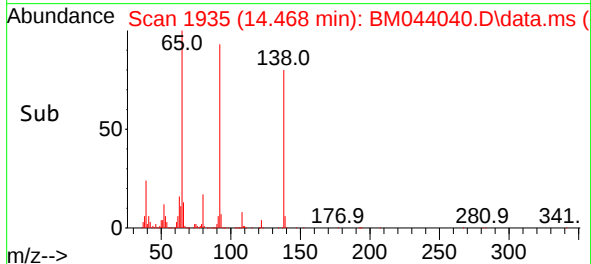
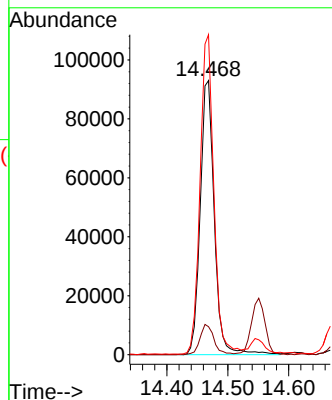
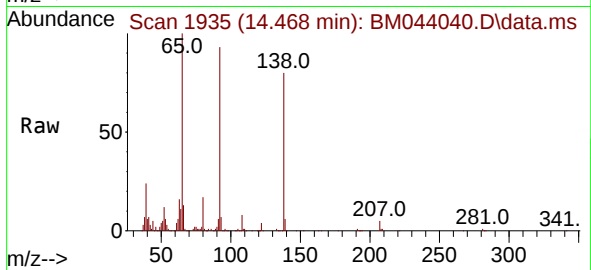




#53
3-Nitroaniline
Concen: 5.655 ng
RT: 14.468 min Scan# 1936
Delta R.T. -0.006 min
Lab File: BM044040.D
Acq: 09 Feb 2024 15:30

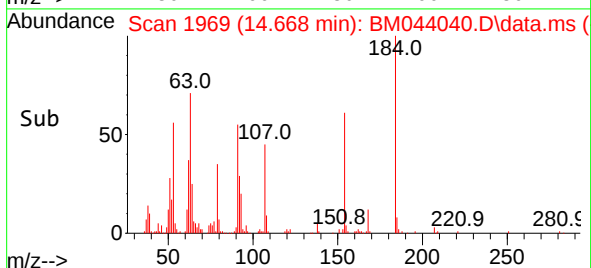
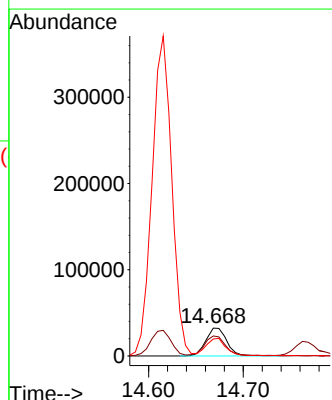
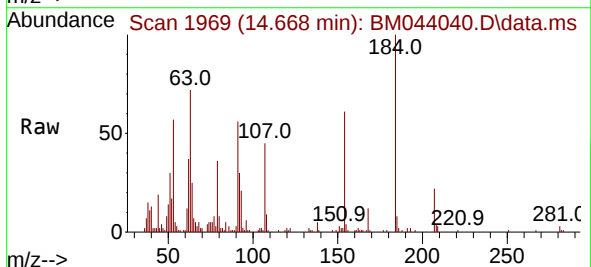
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

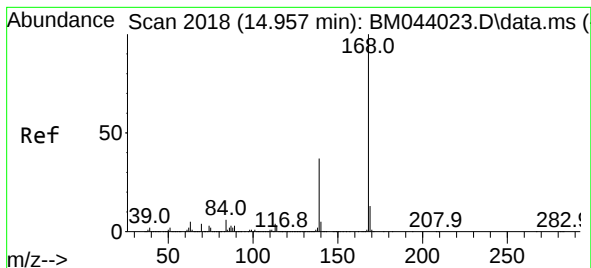
Tgt Ion:138 Resp: 149921
Ion Ratio Lower Upper
138 100
108 10.2 7.6 11.4
92 116.7 86.5 129.7



#54
2,4-Dinitrophenol
Concen: 8.719 ng
RT: 14.668 min Scan# 1969
Delta R.T. -0.006 min
Lab File: BM044040.D
Acq: 09 Feb 2024 15:30

Tgt Ion:184 Resp: 49855
Ion Ratio Lower Upper
184 100
63 72.0 55.4 83.2
154 61.2 49.2 73.8





#55

Dibenzenofuran

Concen: 6.433 ng

RT: 14.951 min Scan# 20

Delta R.T. -0.006 min

Lab File: BM044040.D

Acq: 09 Feb 2024 15:30

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

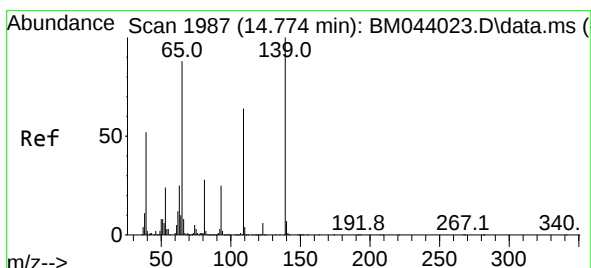
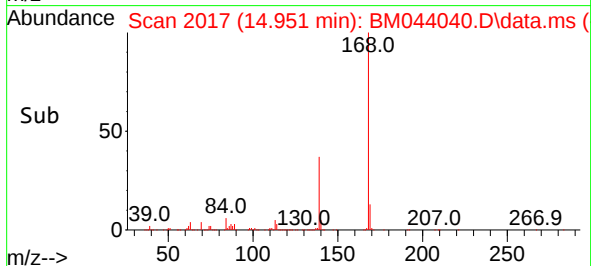
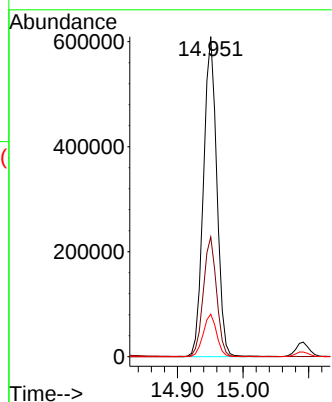
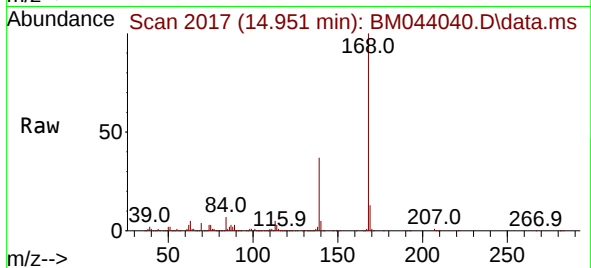
Tgt Ion:168 Resp: 866649

Ion Ratio Lower Upper

168 100

139 37.4 29.6 44.4

169 13.3 10.5 15.7



#56

4-Nitrophenol

Concen: 5.010 ng

RT: 14.768 min Scan# 1986

Delta R.T. -0.006 min

Lab File: BM044040.D

Acq: 09 Feb 2024 15:30

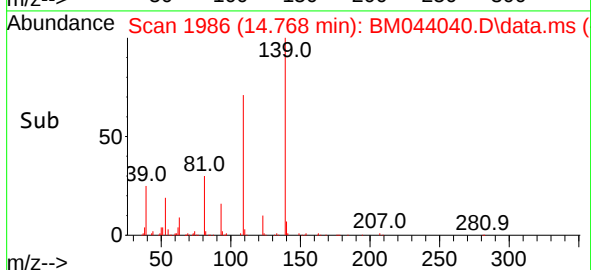
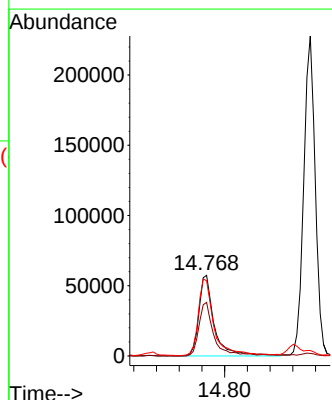
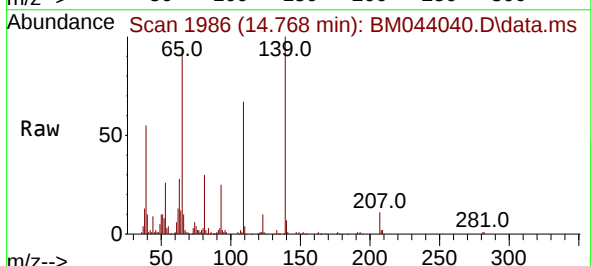
Tgt Ion:139 Resp: 107987

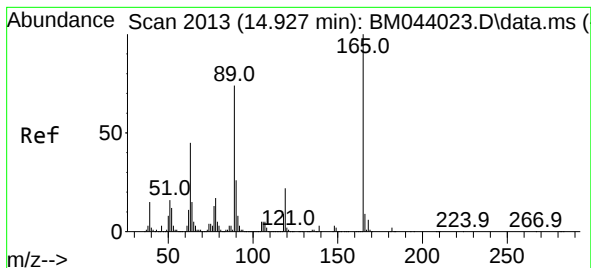
Ion Ratio Lower Upper

139 100

109 66.5 43.8 83.8

65 93.3 67.7 107.7

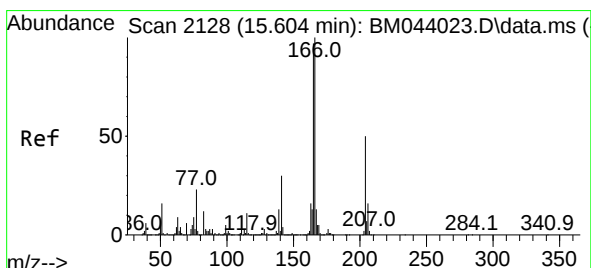
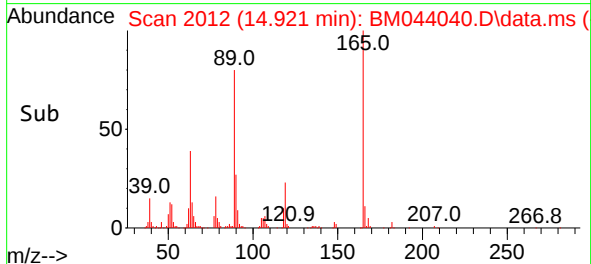
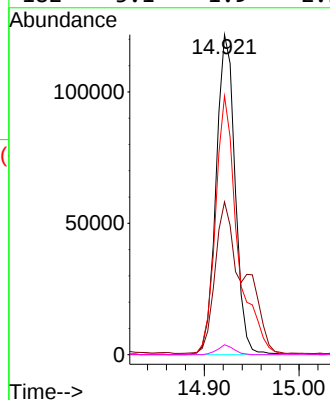
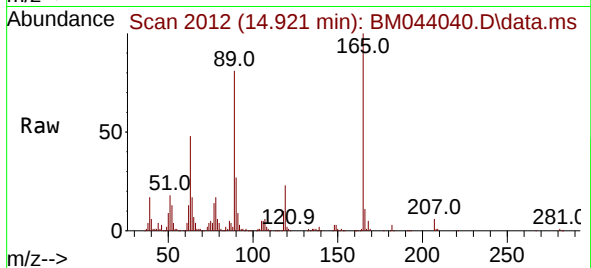




#57
2,4-Dinitrotoluene
Concen: 5.264 ng
RT: 14.921 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BM044040.D
Acq: 09 Feb 2024 15:30

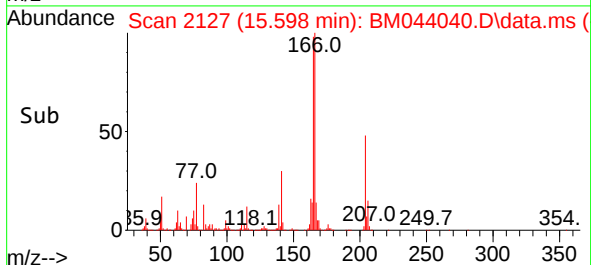
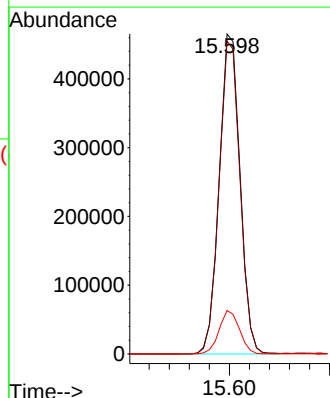
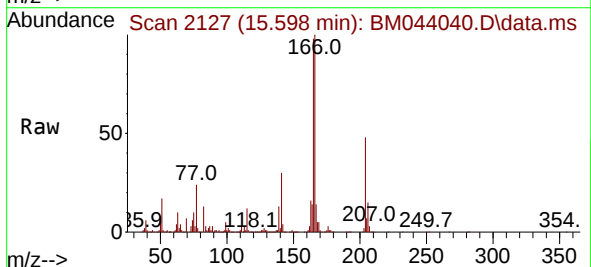
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

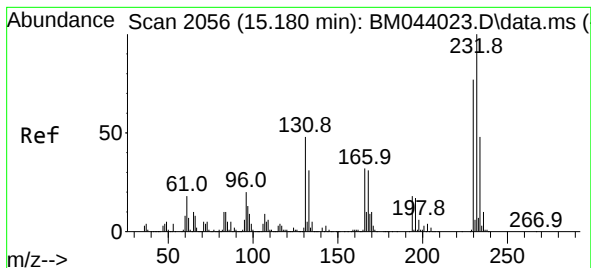
Tgt Ion:165 Resp: 169748
Ion Ratio Lower Upper
165 100
63 47.7 35.9 53.9
89 80.8 58.9 88.3
182 3.1 1.9 2.9#



#58
Fluorene
Concen: 6.455 ng
RT: 15.598 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BM044040.D
Acq: 09 Feb 2024 15:30

Tgt Ion:166 Resp: 671935
Ion Ratio Lower Upper
166 100
165 97.8 77.7 116.5
167 13.6 10.7 16.1

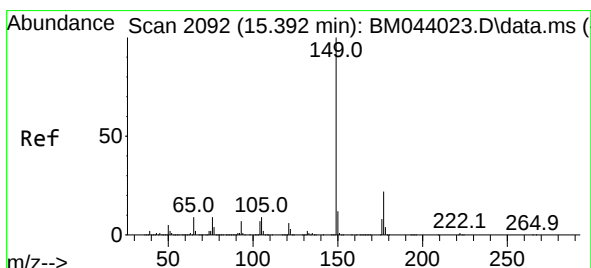
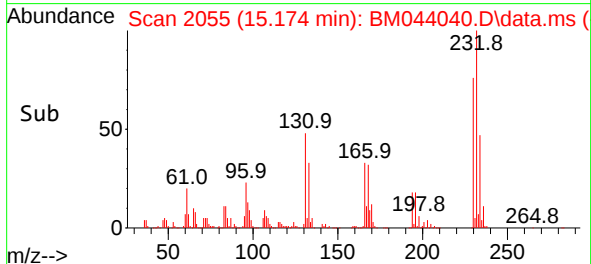
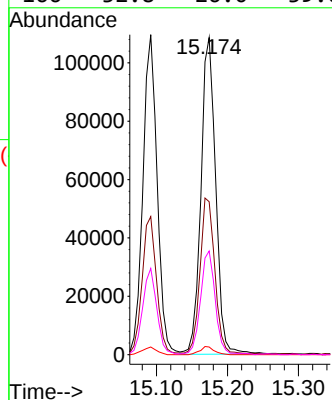
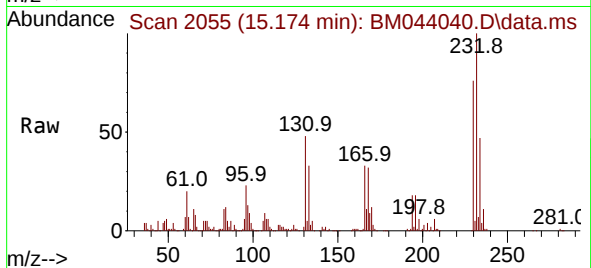




#59
2,3,4,6-Tetrachlorophenol
Concen: 6.123 ng
RT: 15.174 min Scan# 2055
Delta R.T. -0.006 min
Lab File: BM044040.D
Acq: 09 Feb 2024 15:30

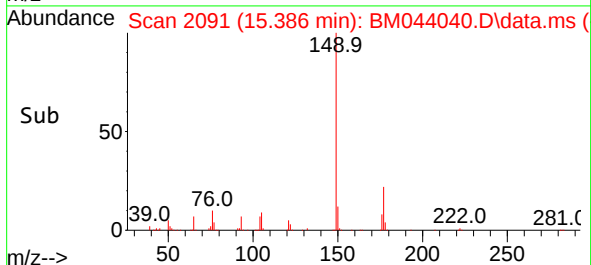
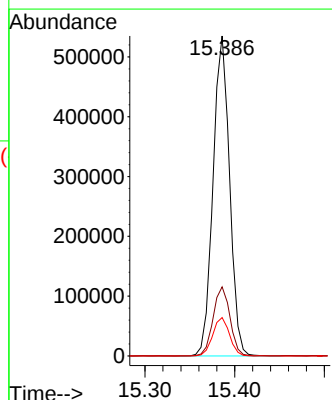
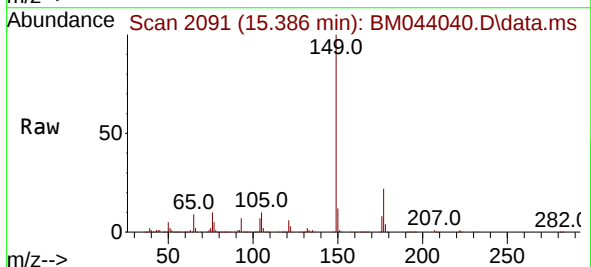
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

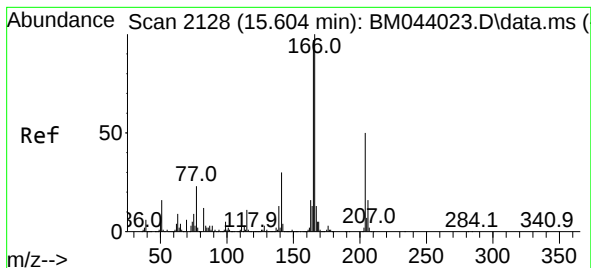
Tgt Ion:232 Resp: 157288
Ion Ratio Lower Upper
232 100
131 49.6 39.5 59.3
130 2.5 2.0 3.0
166 32.8 26.0 39.0



#60
Diethylphthalate
Concen: 5.928 ng
RT: 15.386 min Scan# 2091
Delta R.T. -0.006 min
Lab File: BM044040.D
Acq: 09 Feb 2024 15:30

Tgt Ion:149 Resp: 685027
Ion Ratio Lower Upper
149 100
177 21.6 17.5 26.3
150 12.0 9.8 14.6

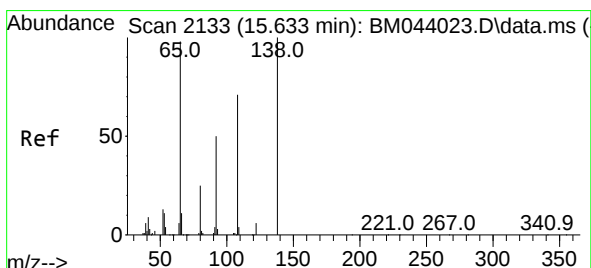
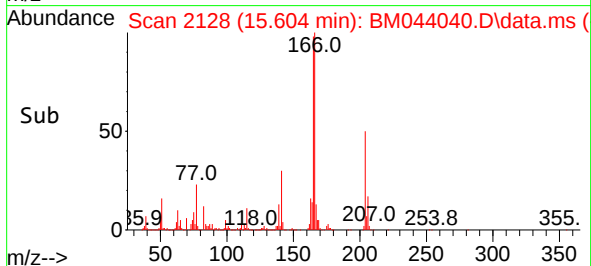
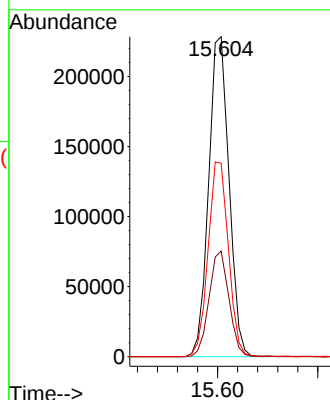
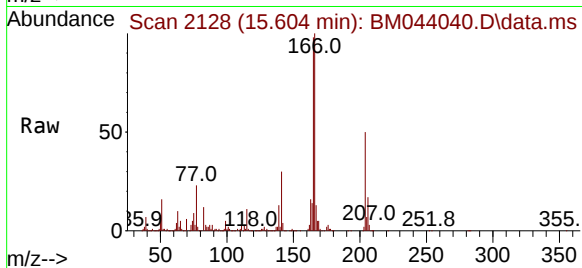




#61
4-Chlorophenyl-phenylether
Concen: 6.399 ng
RT: 15.604 min Scan# 2128
Delta R.T. -0.000 min
Lab File: BM044040.D
Acq: 09 Feb 2024 15:30

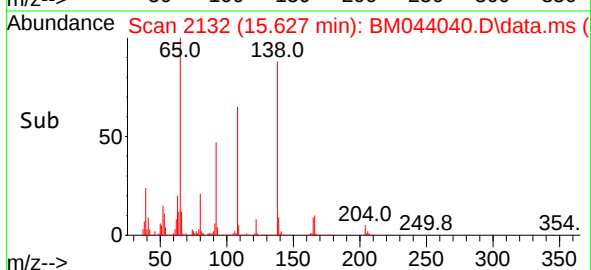
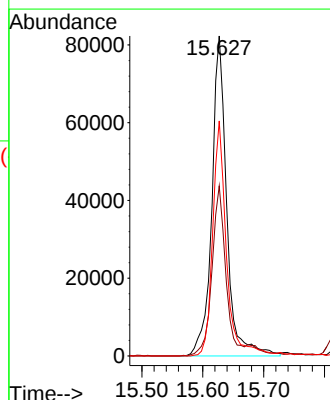
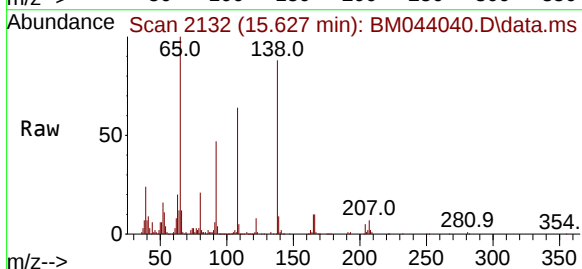
Instrument : BNA_M
ClientSampleId : LOD-MDL-WATER-01-QT4-2023

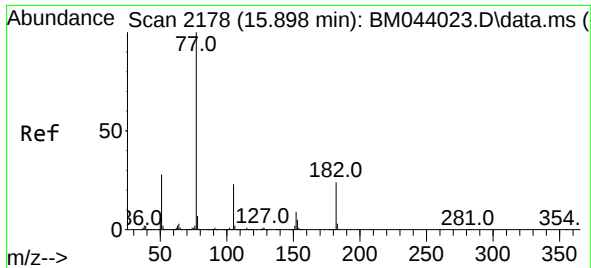
Tgt Ion:204 Resp: 322780
Ion Ratio Lower Upper
204 100
206 33.0 26.3 39.5
141 60.4 47.7 71.5



#62
4-Nitroaniline
Concen: 5.268 ng
RT: 15.627 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BM044040.D
Acq: 09 Feb 2024 15:30

Tgt Ion:138 Resp: 140605
Ion Ratio Lower Upper
138 100
92 53.1 29.6 69.6
108 73.4 47.8 87.8

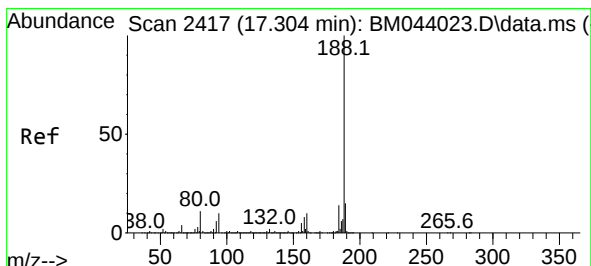
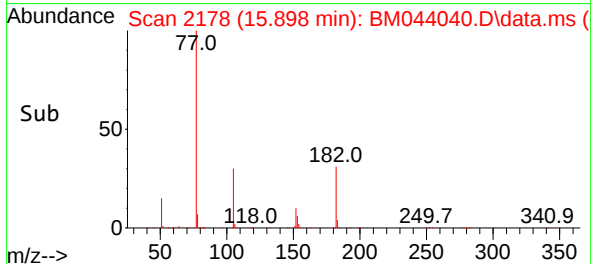
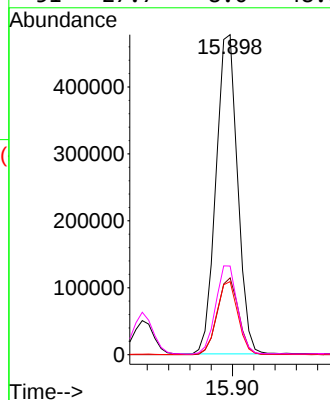
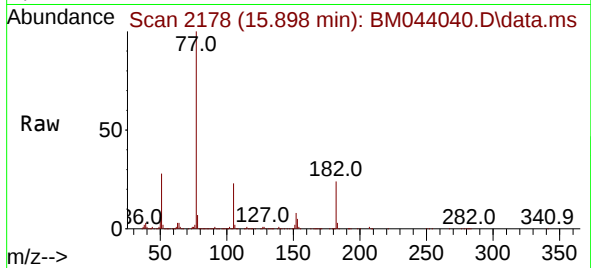




#63
Azobenzene
Concen: 6.181 ng
RT: 15.898 min Scan# 2178
Delta R.T. -0.000 min
Lab File: BM044040.D
Acq: 09 Feb 2024 15:30

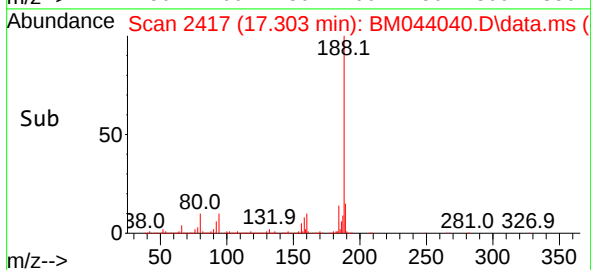
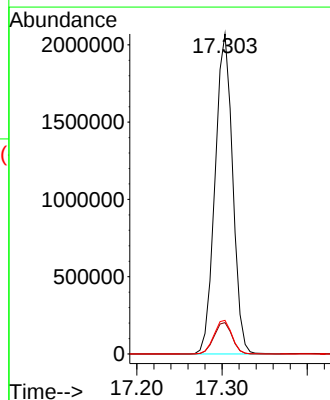
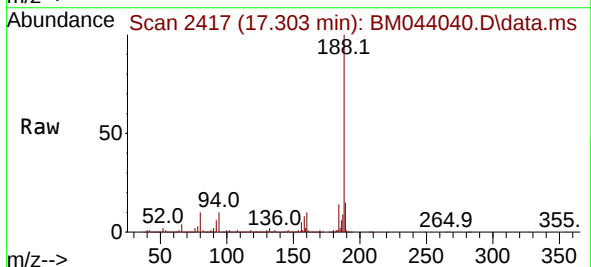
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

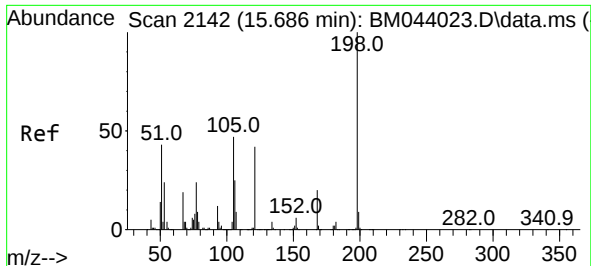
Tgt Ion: 77 Resp: 670207
Ion Ratio Lower Upper
77 100
182 24.0 4.0 44.0
105 22.8 3.3 43.3
51 27.7 8.0 48.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.303 min Scan# 2417
Delta R.T. -0.000 min
Lab File: BM044040.D
Acq: 09 Feb 2024 15:30

Tgt Ion:188 Resp: 2968050
Ion Ratio Lower Upper
188 100
94 9.8 8.2 12.2
80 10.5 8.8 13.2

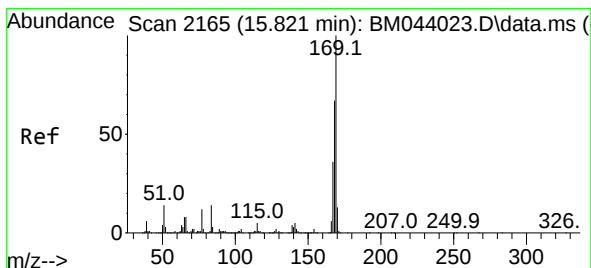
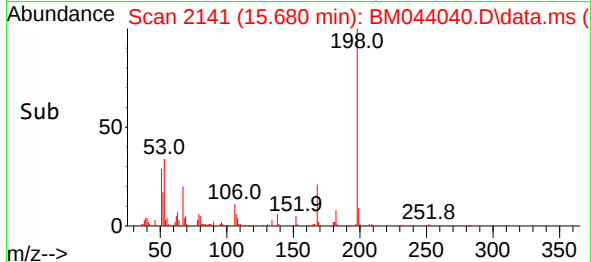
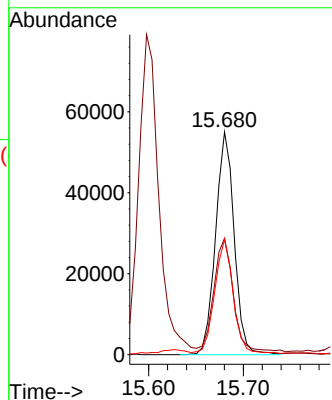
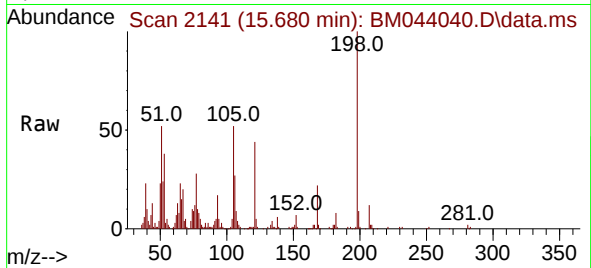




#65
4,6-Dinitro-2-methylphenol
Concen: 4.260 ng
RT: 15.680 min Scan# 2142
Delta R.T. -0.006 min
Lab File: BM044040.D
Acq: 09 Feb 2024 15:30

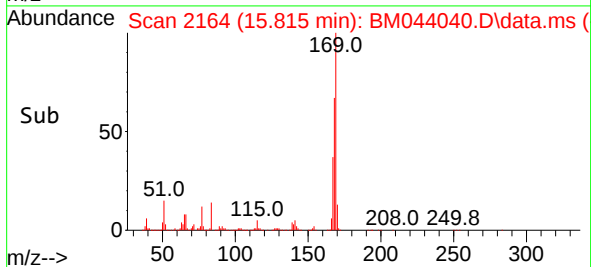
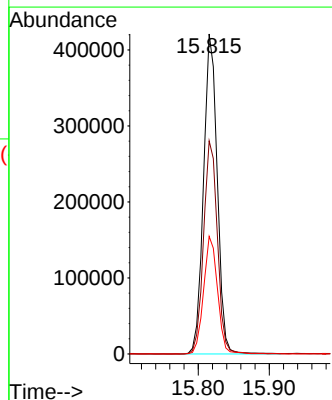
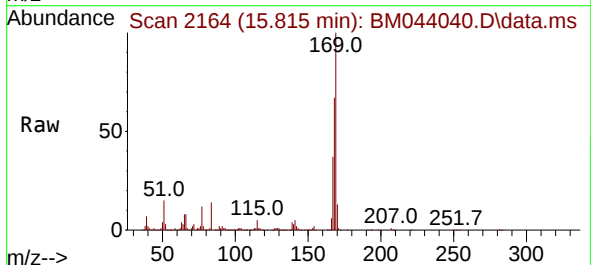
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

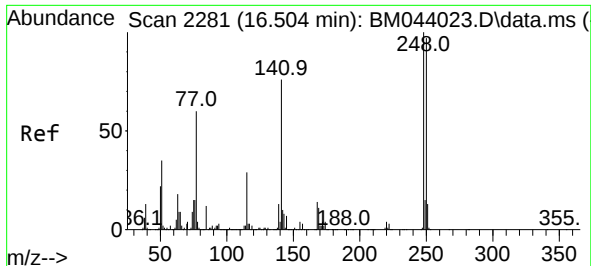
Tgt Ion:198 Resp: 75340
Ion Ratio Lower Upper
198 100
51 52.3 29.9 69.9
105 51.7 28.7 68.7



#66
n-Nitrosodiphenylamine
Concen: 6.285 ng
RT: 15.815 min Scan# 2164
Delta R.T. -0.006 min
Lab File: BM044040.D
Acq: 09 Feb 2024 15:30

Tgt Ion:169 Resp: 566707
Ion Ratio Lower Upper
169 100
168 66.6 53.8 80.8
167 36.7 29.2 43.8

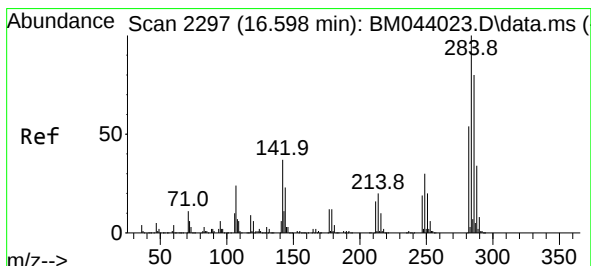
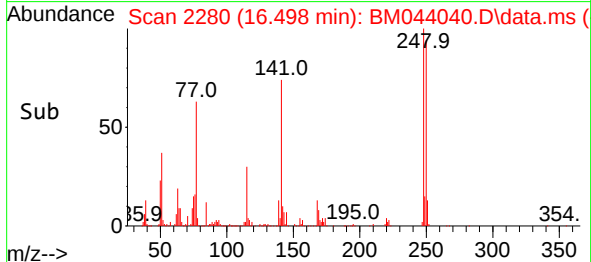
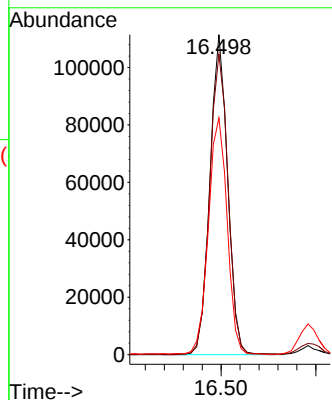
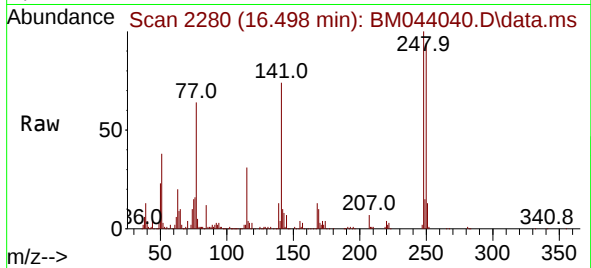




#67
4-Bromophenyl-phenylether
Concen: 4.928 ng
RT: 16.498 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM044040.D
Acq: 09 Feb 2024 15:30

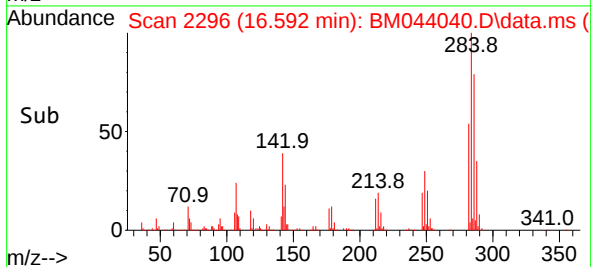
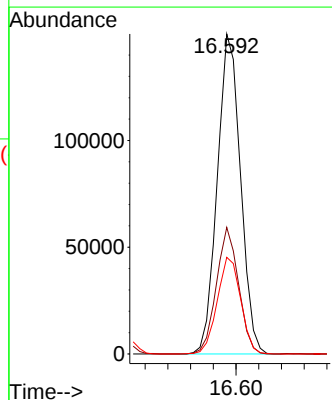
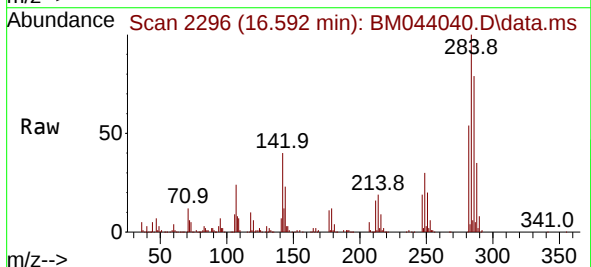
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

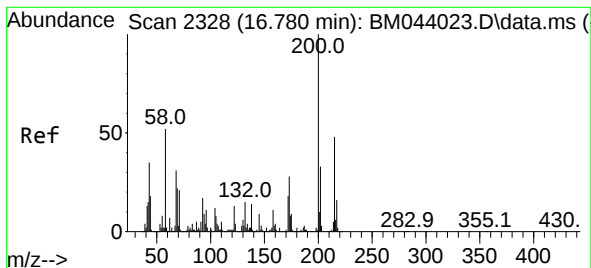
Tgt Ion:248 Resp: 144607
Ion Ratio Lower Upper
248 100
250 93.9 77.4 116.2
141 74.0 61.0 91.6



#68
Hexachlorobenzene
Concen: 5.916 ng
RT: 16.592 min Scan# 2296
Delta R.T. -0.006 min
Lab File: BM044040.D
Acq: 09 Feb 2024 15:30

Tgt Ion:284 Resp: 212678
Ion Ratio Lower Upper
284 100
142 39.5 30.0 45.0
249 30.2 24.1 36.1





#69

Atrazine

Concen: 7.423 ng

RT: 16.774 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM044040.D

Acq: 09 Feb 2024 15:30

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

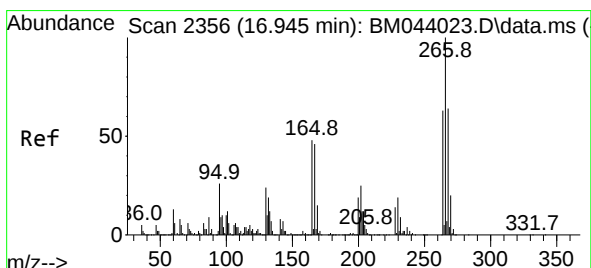
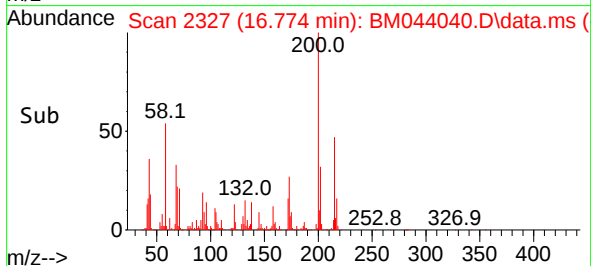
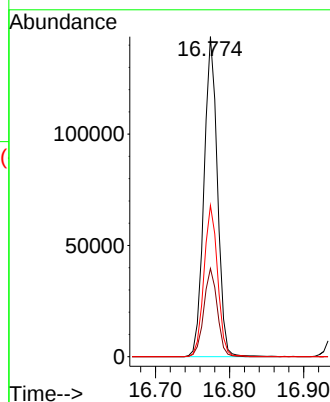
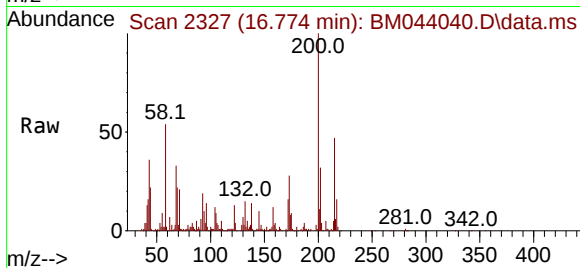
Tgt Ion:200 Resp: 181239

Ion Ratio Lower Upper

200 100

173 27.5 7.9 47.9

215 47.2 27.9 67.9



#70

Pentachlorophenol

Concen: 4.604 ng

RT: 16.945 min Scan# 2356

Delta R.T. -0.000 min

Lab File: BM044040.D

Acq: 09 Feb 2024 15:30

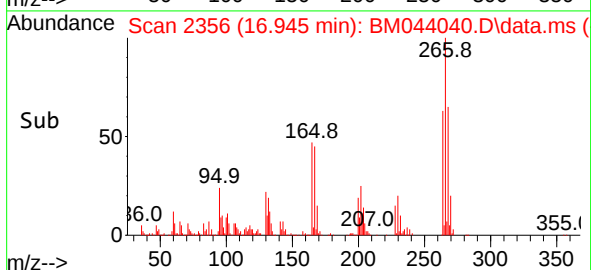
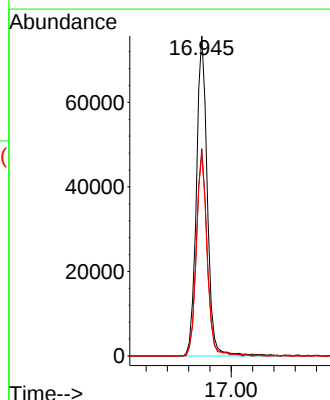
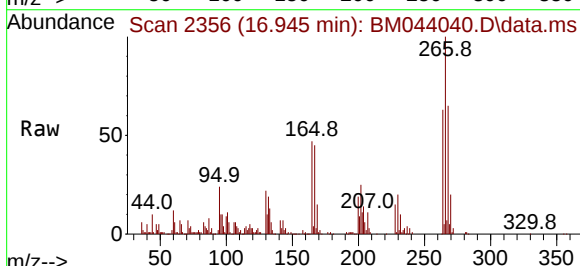
Tgt Ion:266 Resp: 107667

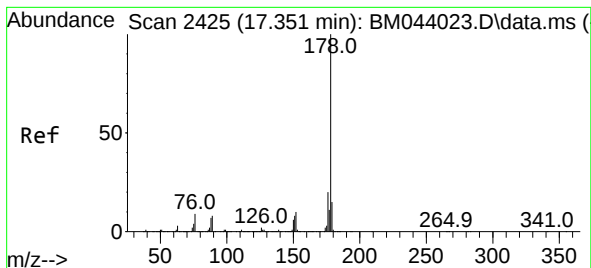
Ion Ratio Lower Upper

266 100

268 64.8 51.1 76.7

264 63.0 50.5 75.7





#71

Phenanthrene

Concen: 6.460 ng

RT: 17.345 min Scan# 2425

Delta R.T. -0.006 min

Lab File: BM044040.D

Acq: 09 Feb 2024 15:30

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

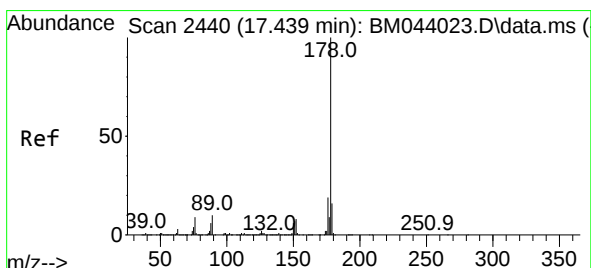
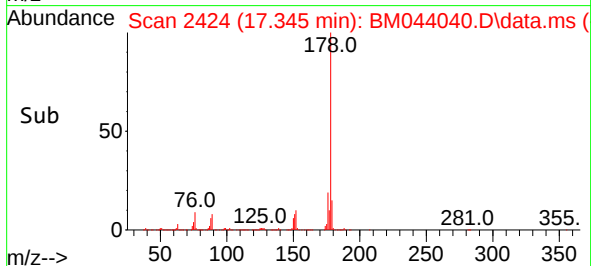
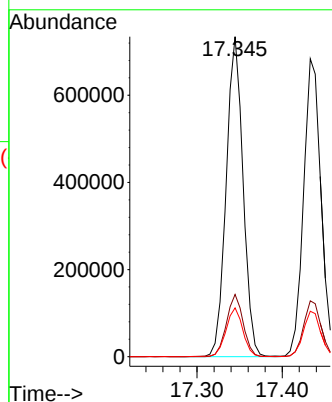
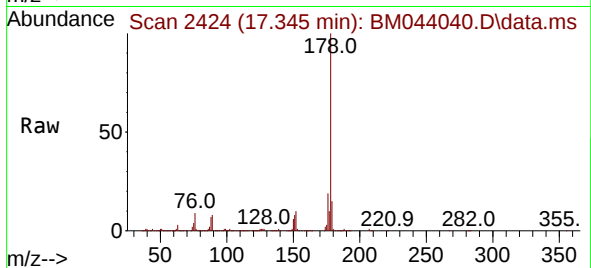
Tgt Ion:178 Resp: 1012476

Ion Ratio Lower Upper

178 100

176 19.4 15.6 23.4

179 15.3 12.2 18.4



#72

Anthracene

Concen: 6.298 ng

RT: 17.433 min Scan# 2439

Delta R.T. -0.006 min

Lab File: BM044040.D

Acq: 09 Feb 2024 15:30

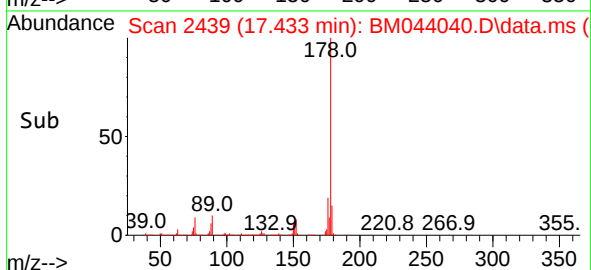
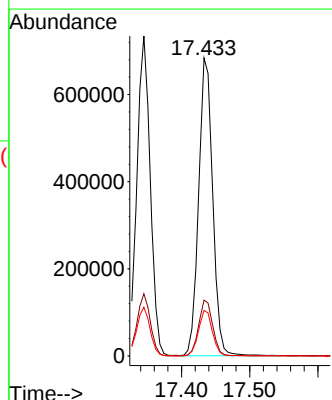
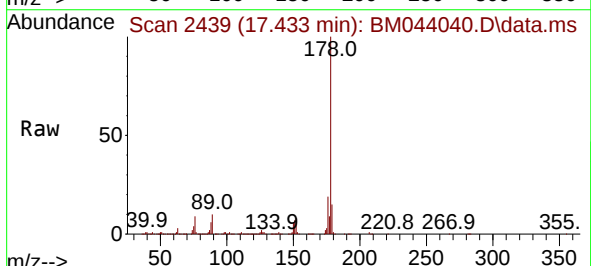
Tgt Ion:178 Resp: 977257

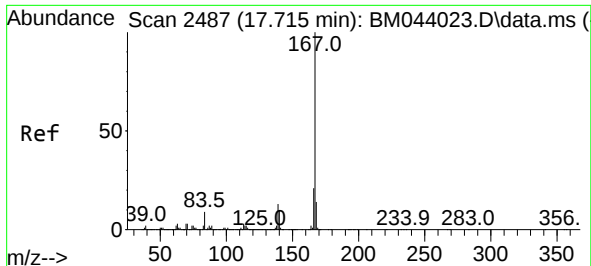
Ion Ratio Lower Upper

178 100

176 18.7 15.3 22.9

179 15.3 12.4 18.6

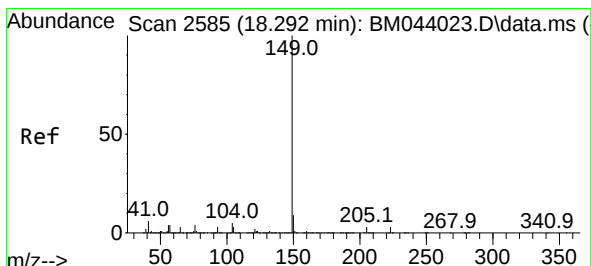
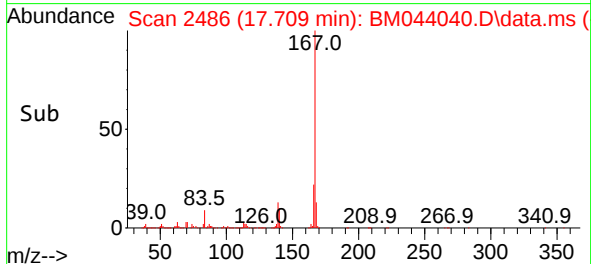
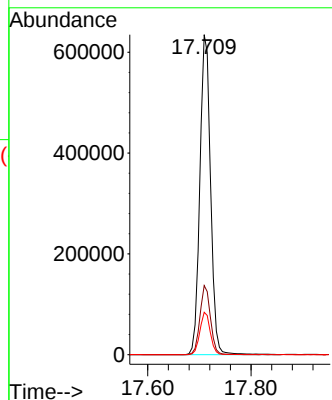
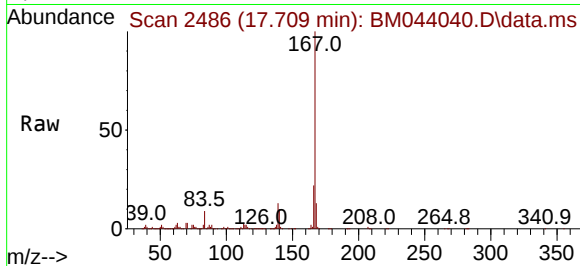




#73
 Carbazole
 Concen: 6.035 ng
 RT: 17.709 min Scan# 2486
 Delta R.T. -0.006 min
 Lab File: BM044040.D
 Acq: 09 Feb 2024 15:30

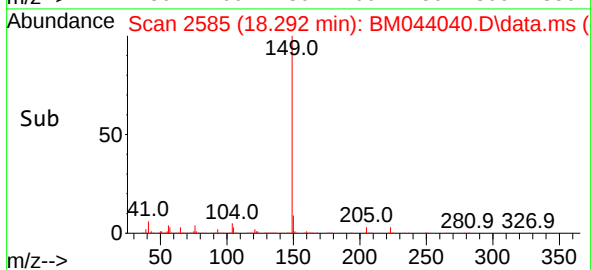
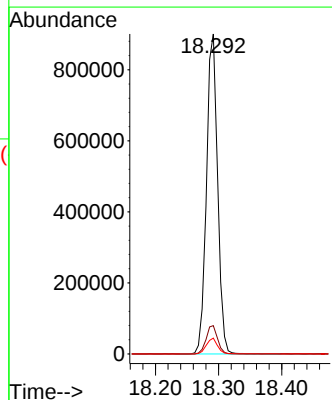
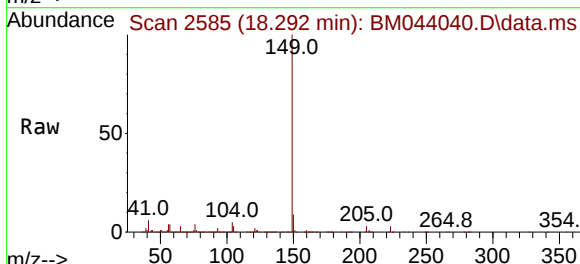
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2023

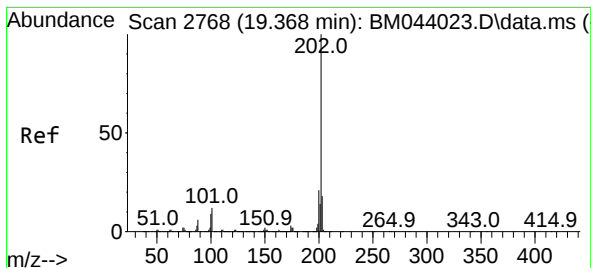
Tgt Ion:167 Resp: 910680
 Ion Ratio Lower Upper
 167 100
 166 21.6 16.8 25.2
 139 13.3 10.4 15.6



#74
 Di-n-butylphthalate
 Concen: 5.626 ng
 RT: 18.292 min Scan# 2585
 Delta R.T. -0.000 min
 Lab File: BM044040.D
 Acq: 09 Feb 2024 15:30

Tgt Ion:149 Resp: 1103572
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.4 11.2
 104 5.0 3.8 5.6





#75

Fluoranthene

Concen: 5.938 ng

RT: 19.362 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM044040.D

Acq: 09 Feb 2024 15:30

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

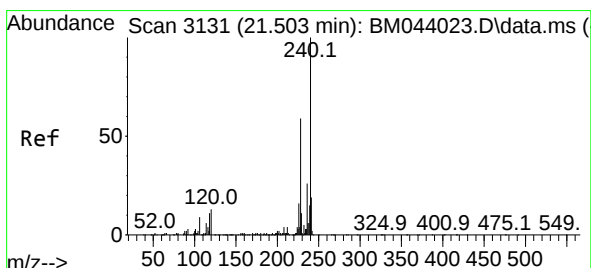
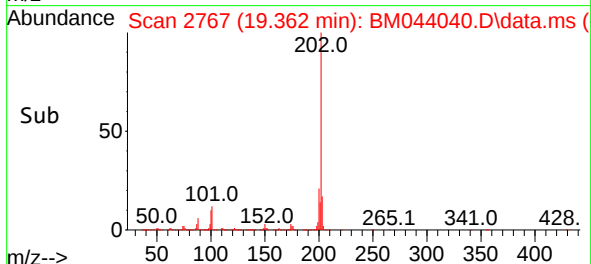
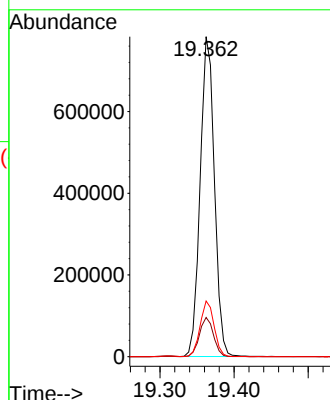
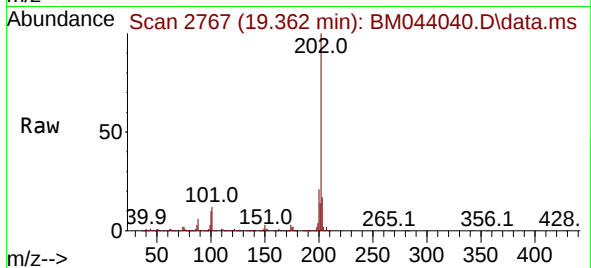
Tgt Ion:202 Resp: 1045375

Ion Ratio Lower Upper

202 100

101 12.3 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: BM044040.D

Acq: 09 Feb 2024 15:30

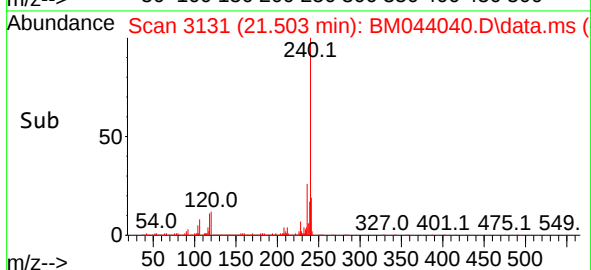
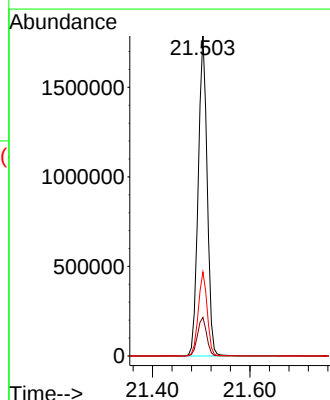
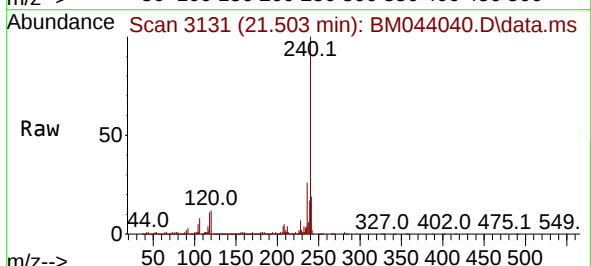
Tgt Ion:240 Resp: 2299184

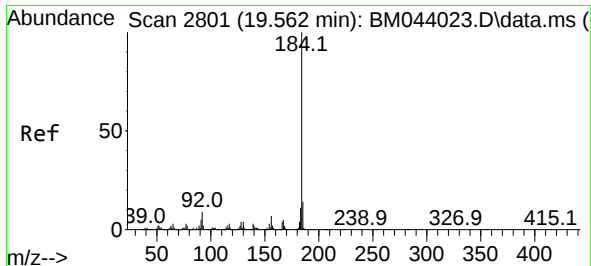
Ion Ratio Lower Upper

240 100

120 12.1 10.1 15.1

236 26.3 20.6 31.0

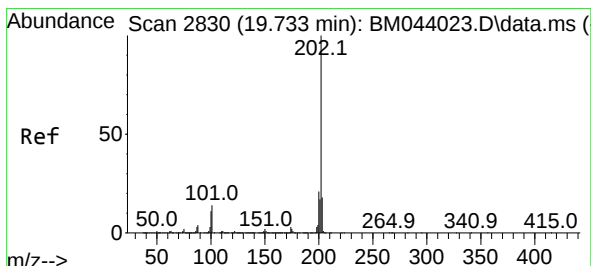
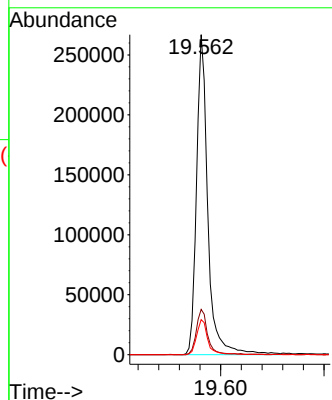
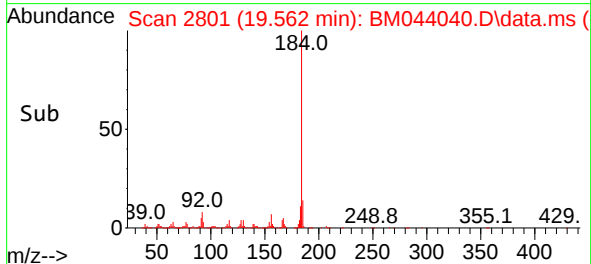
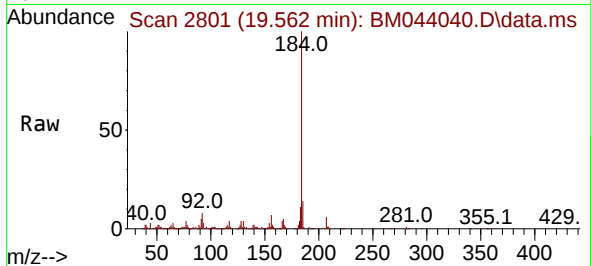




#77
Benzidine
Concen: 11.337 ng
RT: 19.562 min Scan# 2801
Delta R.T. -0.000 min
Lab File: BM044040.D
Acq: 09 Feb 2024 15:30

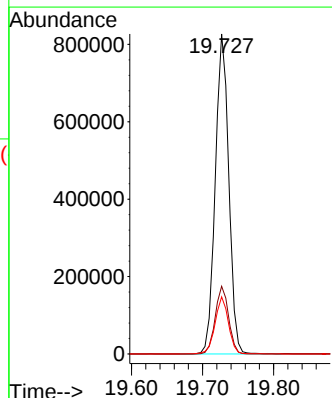
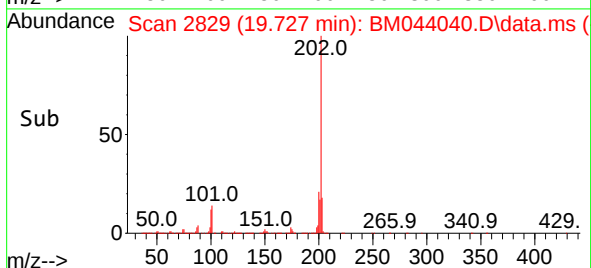
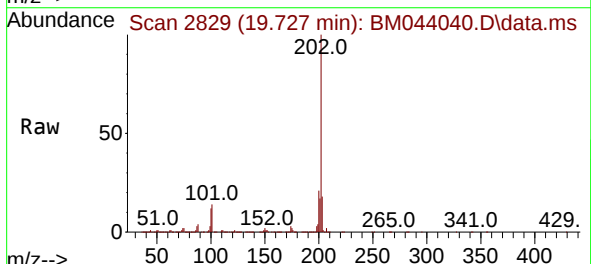
Instrument : BNA_M
ClientSampleId : LOD-MDL-WATER-01-QT4-2023

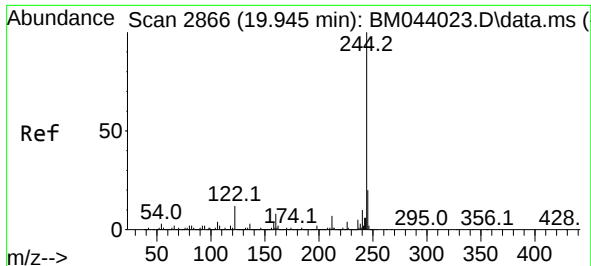
Tgt Ion:184 Resp: 405072
Ion Ratio Lower Upper
184 100
185 14.2 11.0 16.6
183 10.9 9.0 13.4



#78
Pyrene
Concen: 6.139 ng
RT: 19.727 min Scan# 2829
Delta R.T. -0.006 min
Lab File: BM044040.D
Acq: 09 Feb 2024 15:30

Tgt Ion:202 Resp: 1086975
Ion Ratio Lower Upper
202 100
200 21.1 16.8 25.2
203 17.9 14.0 21.0

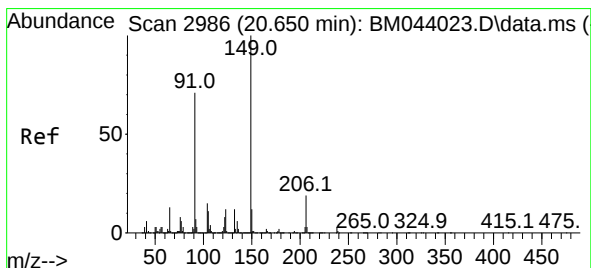
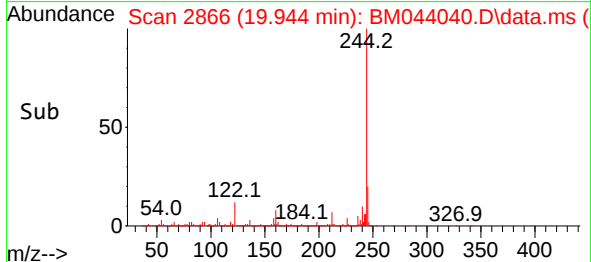
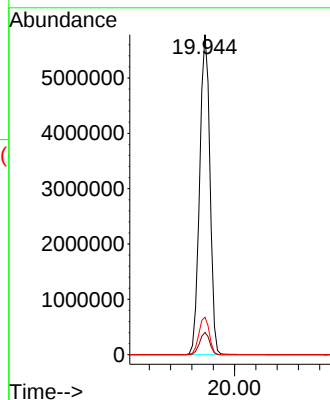
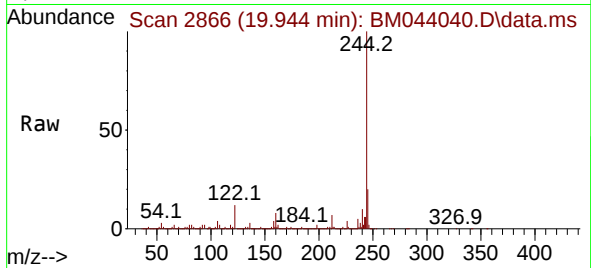




#79
 Terphenyl-d14
 Concen: 59.019 ng
 RT: 19.944 min Scan# 2866
 Delta R.T. -0.000 min
 Lab File: BM044040.D
 Acq: 09 Feb 2024 15:30

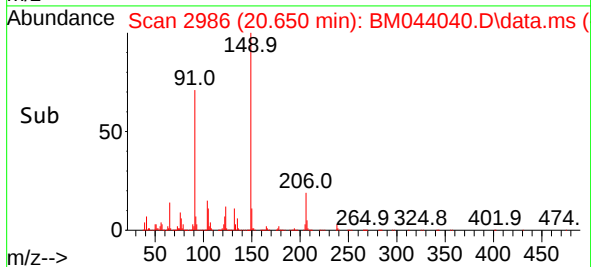
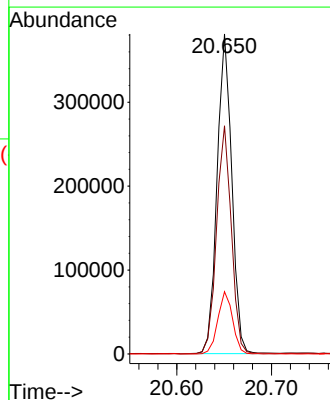
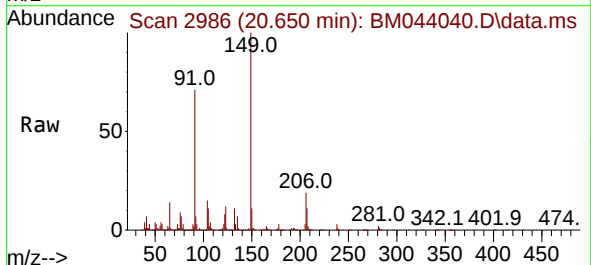
Instrument : BNA_M
 ClientSampleId : LOD-MDL-WATER-01-QT4-2023

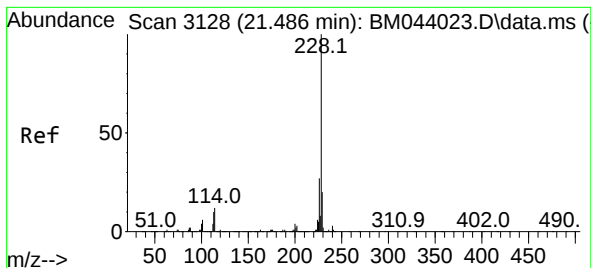
Tgt Ion:244 Resp: 7740580
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.2
 122 11.7 9.5 14.3



#80
 Butylbenzylphthalate
 Concen: 5.224 ng
 RT: 20.650 min Scan# 2986
 Delta R.T. -0.000 min
 Lab File: BM044040.D
 Acq: 09 Feb 2024 15:30

Tgt Ion:149 Resp: 411202
 Ion Ratio Lower Upper
 149 100
 91 71.3 56.8 85.2
 206 19.4 15.0 22.6





#81

Benzo(a)anthracene

Concen: 6.127 ng

RT: 21.486 min Scan# 3128

Delta R.T. -0.000 min

Lab File: BM044040.D

Acq: 09 Feb 2024 15:30

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

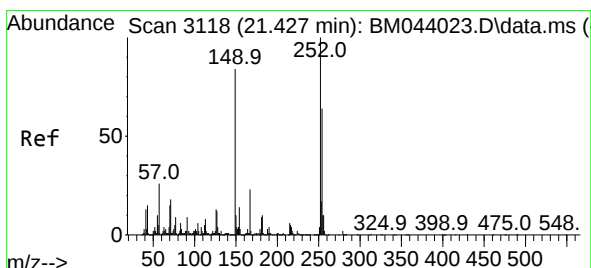
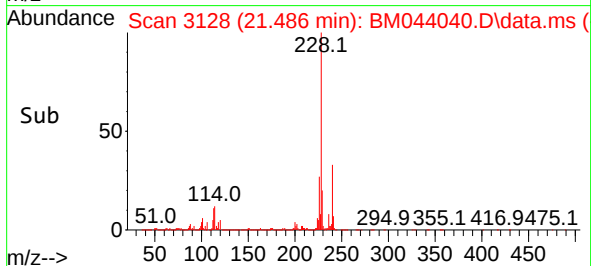
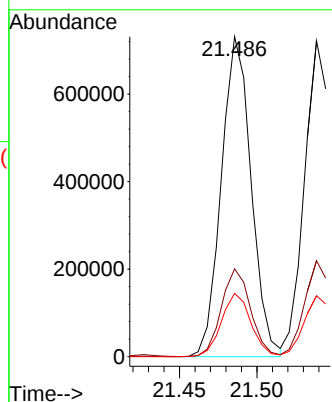
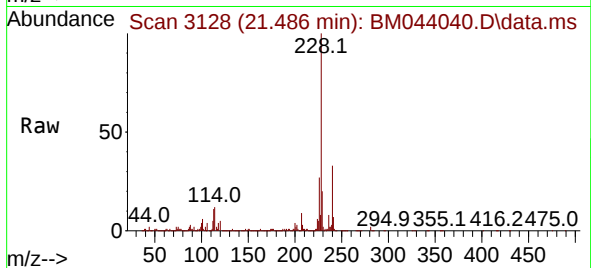
Tgt Ion:228 Resp: 979951

Ion Ratio Lower Upper

228 100

226 27.5 21.4 32.2

229 19.8 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 6.197 ng

RT: 21.427 min Scan# 3118

Delta R.T. -0.000 min

Lab File: BM044040.D

Acq: 09 Feb 2024 15:30

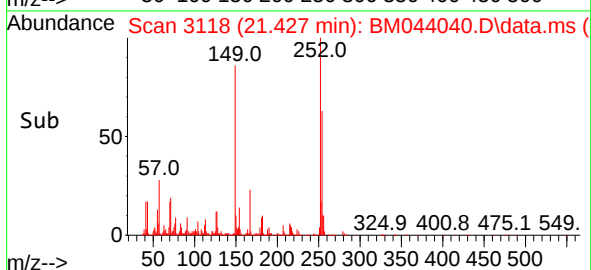
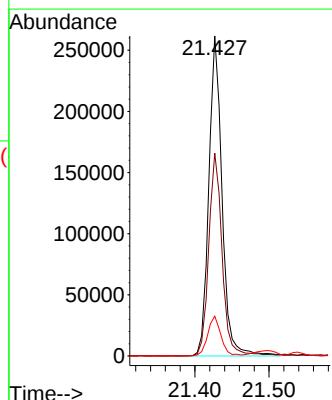
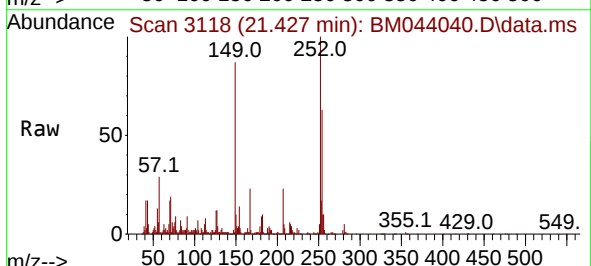
Tgt Ion:252 Resp: 325199

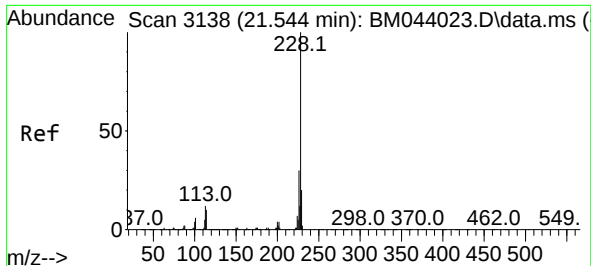
Ion Ratio Lower Upper

252 100

254 63.4 51.2 76.8

126 12.5 10.2 15.4

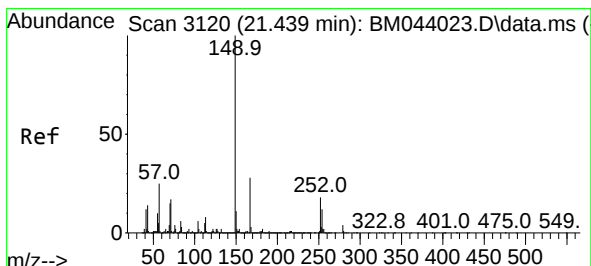
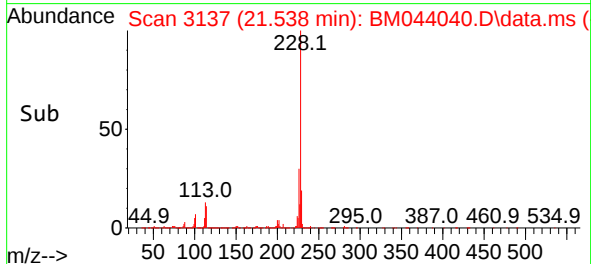
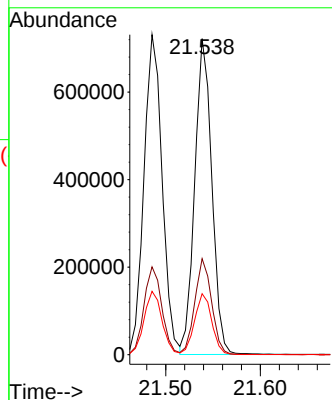
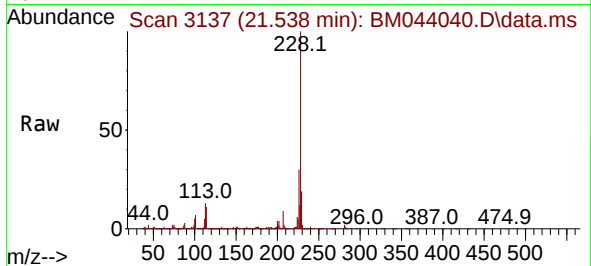




#83
Chrysene
Concen: 5.998 ng
RT: 21.538 min Scan# 3137
Delta R.T. -0.006 min
Lab File: BM044040.D
Acq: 09 Feb 2024 15:30

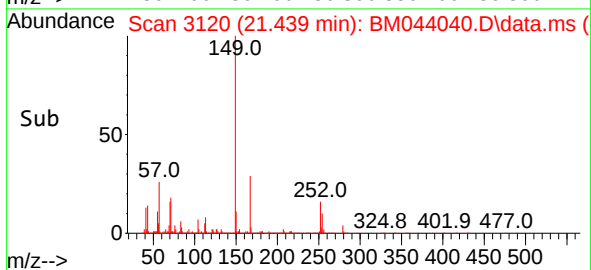
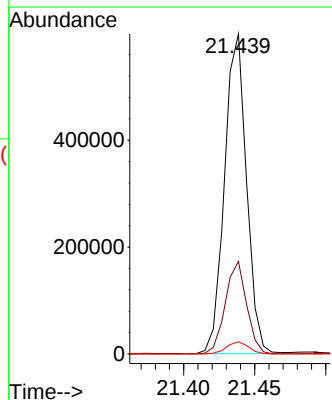
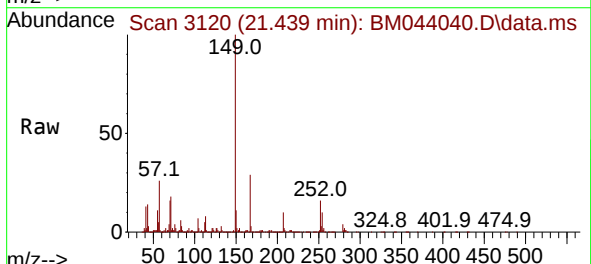
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

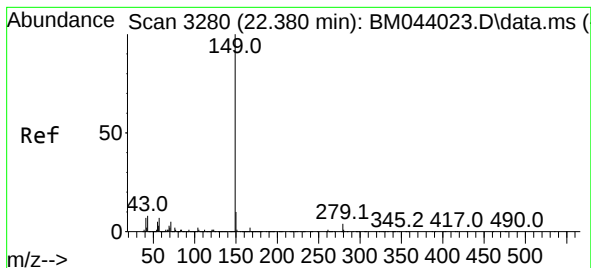
Tgt Ion:228 Resp: 906230
Ion Ratio Lower Upper
228 100
226 30.4 24.2 36.2
229 19.3 15.8 23.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 5.545 ng
RT: 21.439 min Scan# 3120
Delta R.T. -0.000 min
Lab File: BM044040.D
Acq: 09 Feb 2024 15:30

Tgt Ion:149 Resp: 643944
Ion Ratio Lower Upper
149 100
167 29.0 22.6 33.8
279 3.8 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 4.884 ng

RT: 22.374 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM044040.D

Acq: 09 Feb 2024 15:30

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

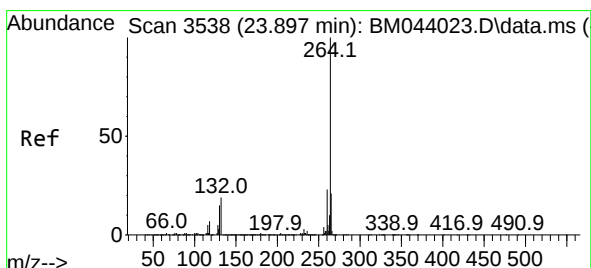
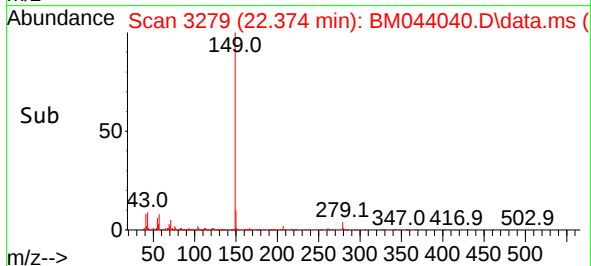
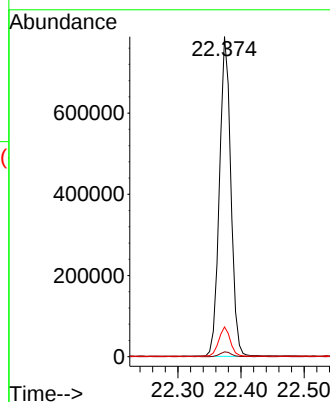
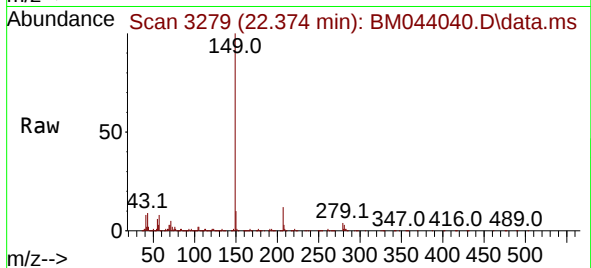
Tgt Ion:149 Resp: 990546

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 9.3 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: BM044040.D

Acq: 09 Feb 2024 15:30

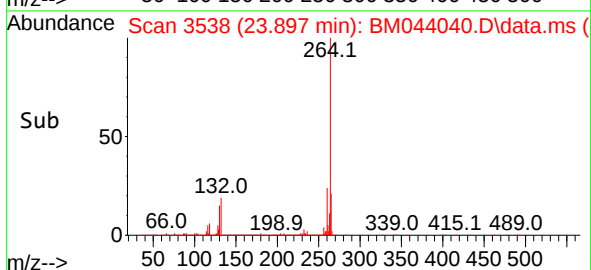
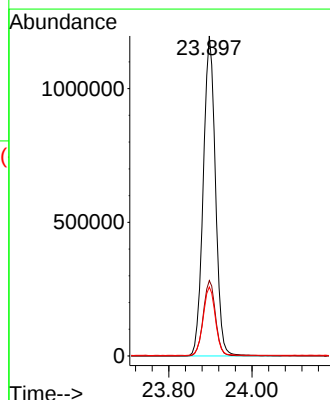
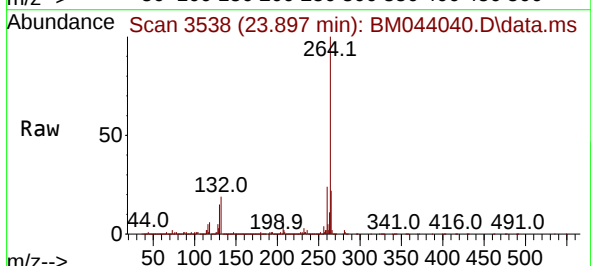
Tgt Ion:264 Resp: 2438909

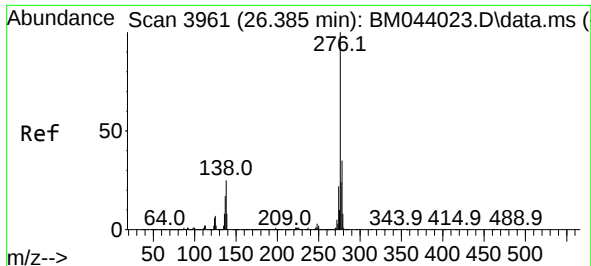
Ion Ratio Lower Upper

264 100

260 23.6 18.8 28.2

265 21.6 17.3 25.9

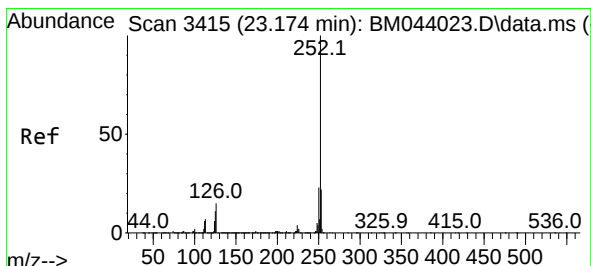
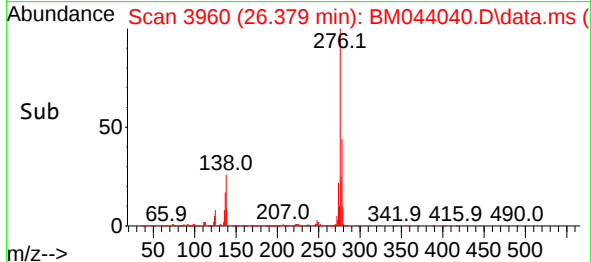
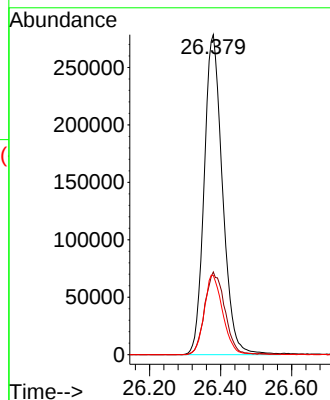
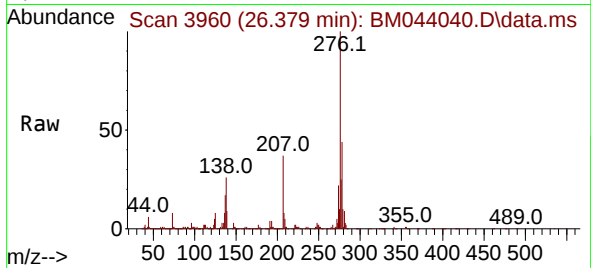




#87
Indeno(1,2,3-cd)pyrene
Concen: 5.804 ng
RT: 26.379 min Scan# 3960
Delta R.T. -0.006 min
Lab File: BM044040.D
Acq: 09 Feb 2024 15:30

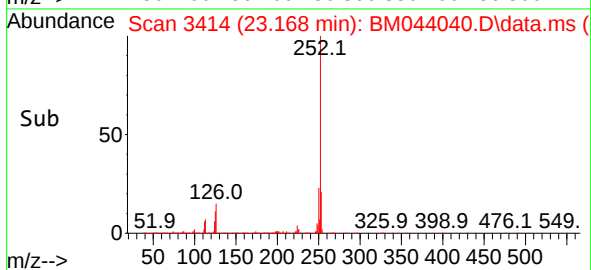
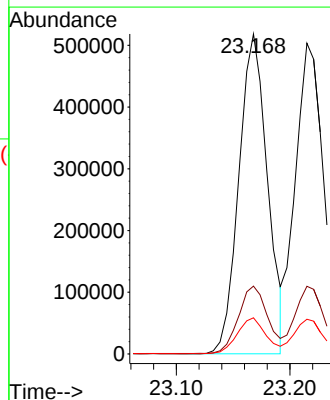
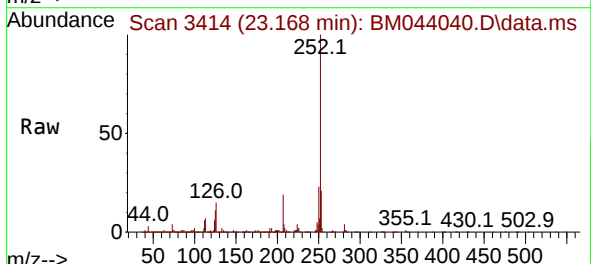
Instrument : BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

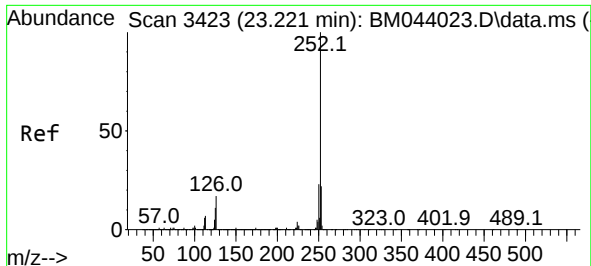
Tgt Ion:276 Resp: 1001841
Ion Ratio Lower Upper
276 100
138 28.3 22.6 34.0
277 25.4 20.2 30.2



#88
Benzo(b)fluoranthene
Concen: 5.934 ng
RT: 23.168 min Scan# 3414
Delta R.T. -0.006 min
Lab File: BM044040.D
Acq: 09 Feb 2024 15:30

Tgt Ion:252 Resp: 904666
Ion Ratio Lower Upper
252 100
253 21.2 17.6 26.4
125 11.3 8.8 13.2

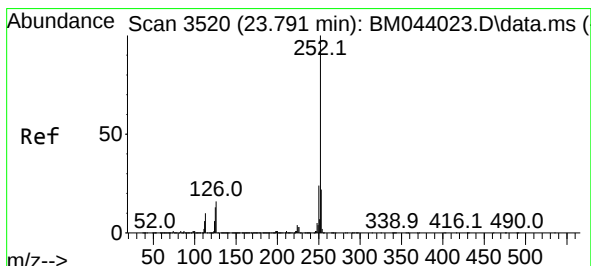
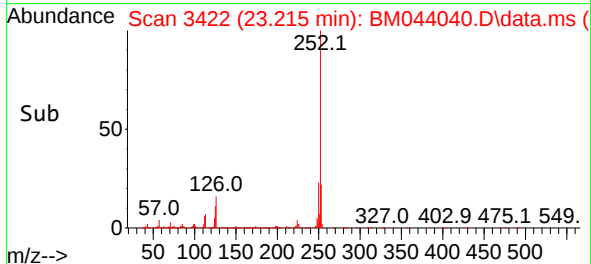
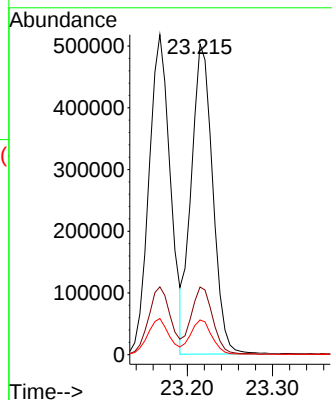
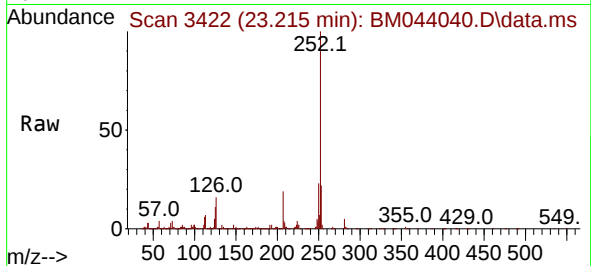




#89
Benzo(k)fluoranthene
Concen: 6.053 ng
RT: 23.215 min Scan# 34
Delta R.T. -0.006 min
Lab File: BM044040.D
Acq: 09 Feb 2024 15:30

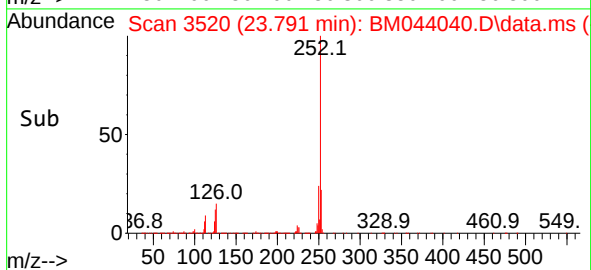
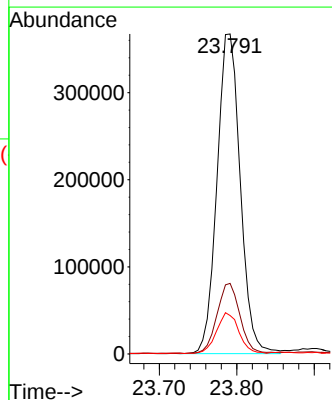
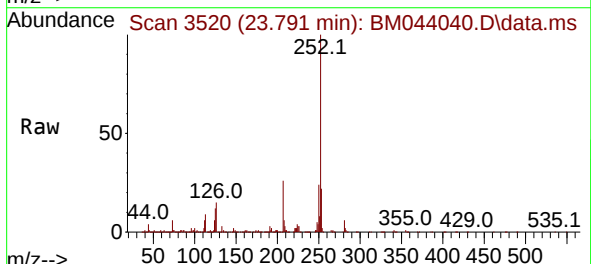
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

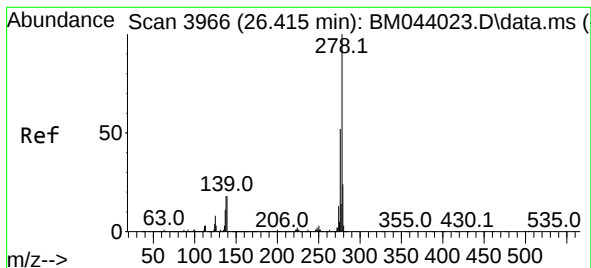
Tgt Ion:252 Resp: 876963
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 11.2 9.0 13.4



#90
Benzo(a)pyrene
Concen: 5.756 ng
RT: 23.791 min Scan# 3520
Delta R.T. -0.000 min
Lab File: BM044040.D
Acq: 09 Feb 2024 15:30

Tgt Ion:252 Resp: 766559
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 12.0 10.1 15.1





#91

Dibenzo(a,h)anthracene

Concen: 5.889 ng

RT: 26.403 min Scan# 3966

Delta R.T. -0.012 min

Lab File: BM044040.D

Acq: 09 Feb 2024 15:30

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

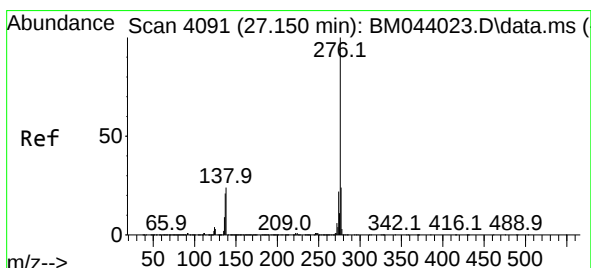
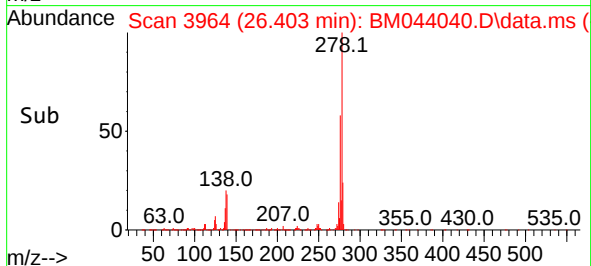
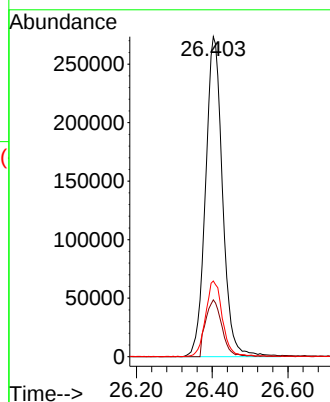
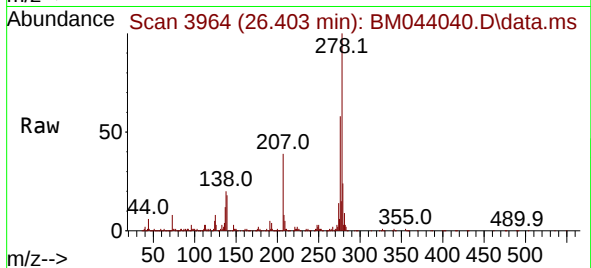
Tgt Ion:278 Resp: 850285

Ion Ratio Lower Upper

278 100

139 17.7 14.5 21.7

279 23.7 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 5.520 ng

RT: 27.132 min Scan# 4088

Delta R.T. -0.018 min

Lab File: BM044040.D

Acq: 09 Feb 2024 15:30

Tgt Ion:276 Resp: 808372

Ion Ratio Lower Upper

276 100

277 23.9 19.0 28.4

138 23.5 19.1 28.7

