

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020624\
 Data File : BM044011.D
 Acq On : 07 Feb 2024 03:57
 Operator : MA/JU
 Sample : 04699-07
 Misc : LOD-WATER-8PPM
 ALS Vial : 27 Sample Multiplier: 1

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

Quant Time: Feb 07 05:25:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 07:03:31 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	486740	20.000	ng	0.00
21) Naphthalene-d8	10.722	136	2163946	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	1384747	20.000	ng	0.00
64) Phenanthrene-d10	17.315	188	2970437	20.000	ng	0.00
76) Chrysene-d12	21.515	240	2867970	20.000	ng	0.00
86) Perylene-d12	23.921	264	3265119	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	2758250	83.683	ng	0.00
7) Phenol-d6	7.087	99	3774270	77.501	ng	0.00
23) Nitrobenzene-d5	9.092	82	2675738	59.606	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	1218025	72.158	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	6135316	60.880	ng	0.00
79) Terphenyl-d14	19.956	244	10025538	67.481	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.399	88	86222	6.769	ng	98
3) Pyridine	3.799	79	200784	5.179	ng	96
4) n-Nitrosodimethylamine	3.716	42	95731	5.744	ng	# 92
6) Aniline	7.251	93	303809	6.270	ng	99
8) 2-Chlorophenol	7.481	128	213302	5.829	ng	97
9) Benzaldehyde	7.069	77	200905	4.759	ng	98
10) Phenol	7.110	94	269391	5.563	ng	92
11) bis(2-Chloroethyl)ether	7.357	93	222216	5.855	ng	99
12) 1,3-Dichlorobenzene	7.804	146	224989	5.694	ng	98
13) 1,4-Dichlorobenzene	7.957	146	231433	5.792	ng	96
14) 1,2-Dichlorobenzene	8.269	146	223088	5.661	ng	100
15) Benzyl Alcohol	8.163	79	185069	5.544	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.457	45	317764	6.244	ng	100
17) 2-Methylphenol	8.363	107	166436	5.377	ng	98
18) Hexachloroethane	8.992	117	86052	5.739	ng	99
19) n-Nitroso-di-n-propyla...	8.734	70	186870	5.832	ng	98
20) 3+4-Methylphenols	8.692	107	228195	5.223	ng	99
22) Acetophenone	8.751	105	354193	6.041	ng	97
24) Nitrobenzene	9.134	77	267928	5.949	ng	100
25) Isophorone	9.657	82	488898	5.850	ng	97
26) 2-Nitrophenol	9.839	139	94806	5.208	ng	94
27) 2,4-Dimethylphenol	9.898	122	171085	6.845	ng	97
28) bis(2-Chloroethoxy)met...	10.145	93	316724	6.206	ng	99
29) 2,4-Dichlorophenol	10.369	162	178802	5.609	ng	99
30) 1,2,4-Trichlorobenzene	10.586	180	209751	5.825	ng	97
31) Naphthalene	10.775	128	699560	5.800	ng	99
32) Benzoic acid	9.975	122	80018	9.188	ng	99
33) 4-Chloroaniline	10.892	127	297474	6.000	ng	96
34) Hexachlorobutadiene	11.051	225	114948	5.853	ng	98
35) Caprolactam	11.663	113	61784	4.726	ng	93
36) 4-Chloro-3-methylphenol	12.010	107	210204	5.384	ng	99
37) 2-Methylnaphthalene	12.386	142	485475	5.772	ng	98
38) 1-Methylnaphthalene	12.604	142	476755	5.678	ng	100
40) 1,2,4,5-Tetrachloroben...	12.745	216	237067	6.036	ng	99
41) Hexachlorocyclopentadiene	12.722	237	102762	7.956	ng	99
43) 2,4,6-Trichlorophenol	12.992	196	141188	5.320	ng	94

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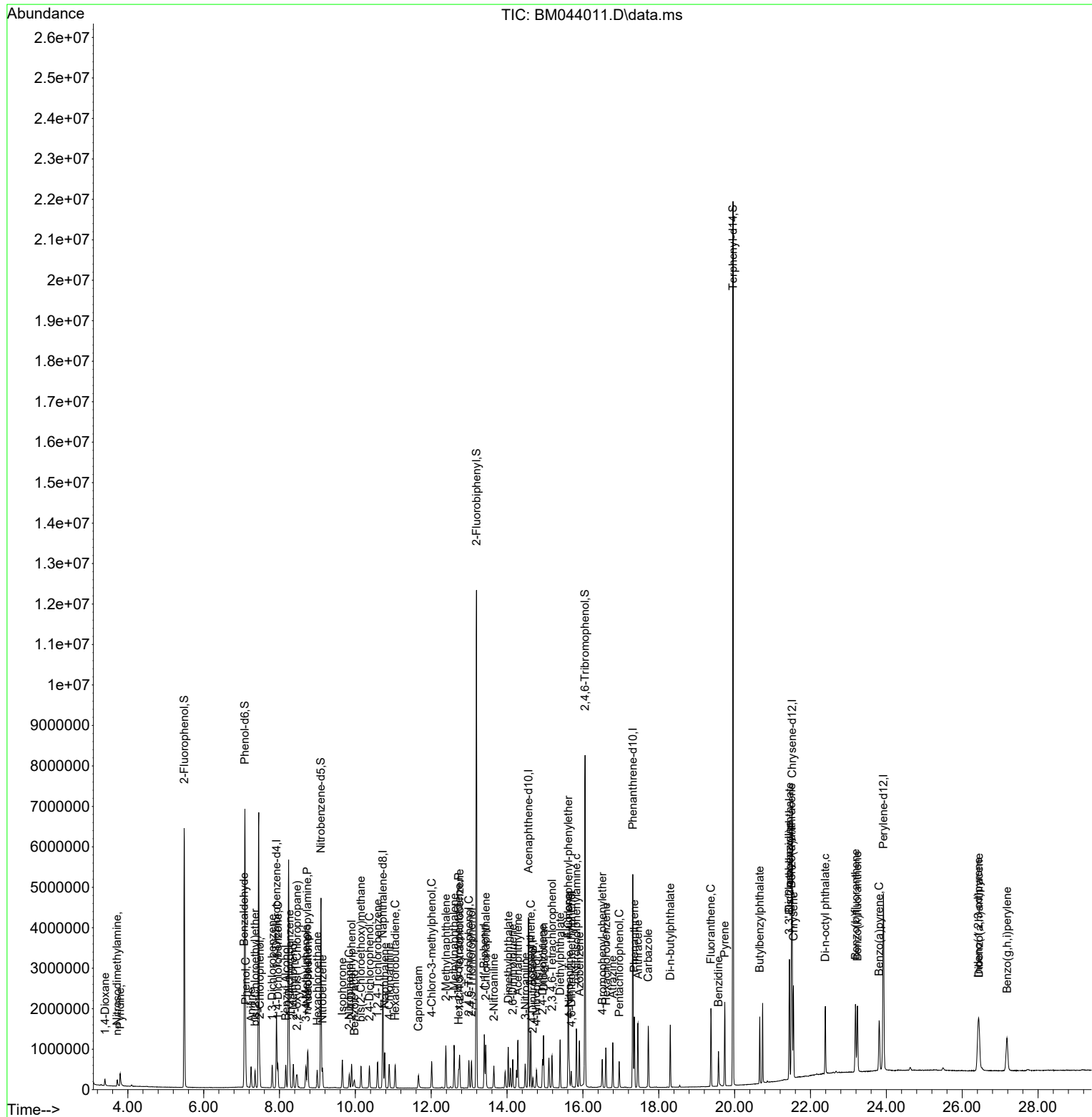
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.063	196	160782	5.310	ng	99
46) 1,1'-Biphenyl	13.398	154	666388	6.120	ng	100
47) 2-Chloronaphthalene	13.439	162	504057	5.804	ng	99
48) 2-Nitroaniline	13.651	65	147844	5.234	ng	95
49) Acenaphthylene	14.286	152	821884	6.191	ng	99
50) Dimethylphthalate	14.033	163	633200	5.887	ng	99
51) 2,6-Dinitrotoluene	14.151	165	123478	5.223	ng	91
52) Acenaphthene	14.627	154	479794	5.701	ng	99
53) 3-Nitroaniline	14.480	138	139155	5.070	ng	# 97
54) 2,4-Dinitrophenol	14.680	184	43719	10.126	ng	97
55) Dibenzofuran	14.963	168	779224	5.950	ng	99
56) 4-Nitrophenol	14.774	139	108403	4.519	ng	94
57) 2,4-Dinitrotoluene	14.933	165	159130	4.835	ng	93
58) Fluorene	15.616	166	630011	5.696	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.186	232	143873	5.511	ng	98
60) Diethylphthalate	15.398	149	633842	5.692	ng	100
61) 4-Chlorophenyl-phenyle...	15.616	204	301242	5.838	ng	99
62) 4-Nitroaniline	15.639	138	142921	4.762	ng	96
63) Azobenzene	15.910	77	648343	5.830	ng	98
65) 4,6-Dinitro-2-methylph...	15.692	198	69138	9.480	ng	90
66) n-Nitrosodiphenylamine	15.827	169	537769	6.078	ng	99
67) 4-Bromophenyl-phenylether	16.510	248	114101	3.899	ng	95
68) Hexachlorobenzene	16.610	284	195157	5.594	ng	97
69) Atrazine	16.786	200	171917	7.023	ng	100
70) Pentachlorophenol	16.957	266	97737	4.266	ng	96
71) Phenanthrene	17.357	178	994829	6.013	ng	99
72) Anthracene	17.451	178	969219	5.984	ng	99
73) Carbazole	17.721	167	920040	5.484	ng	99
74) Di-n-butylphthalate	18.304	149	1042857	5.669	ng	100
75) Fluoranthene	19.374	202	1098712	5.370	ng	100
77) Benzidine	19.574	184	485083	13.331	ng	99
78) Pyrene	19.739	202	1172845	5.949	ng	99
80) Butylbenzylphthalate	20.662	149	433445	5.552	ng	99
81) Benzo(a)anthracene	21.498	228	1202490	5.976	ng	99
82) 3,3'-Dichlorobenzidine	21.439	252	369041	5.736	ng	99
83) Chrysene	21.550	228	1114532	5.782	ng	98
84) Bis(2-ethylhexyl)phtha...	21.445	149	689599	5.940	ng	99
85) Di-n-octyl phthalate	22.392	149	1105806	5.529	ng	99
87) Indeno(1,2,3-cd)pyrene	26.421	276	1303697	5.336	ng	99
88) Benzo(b)fluoranthene	23.186	252	1151485	5.606	ng	99
89) Benzo(k)fluoranthene	23.239	252	1135970	5.765	ng	99
90) Benzo(a)pyrene	23.809	252	993227	5.471	ng	99
91) Dibenzo(a,h)anthracene	26.444	278	1086300	5.391	ng	97
92) Benzo(g,h,i)perylene	27.180	276	1039687	5.059	ng	98

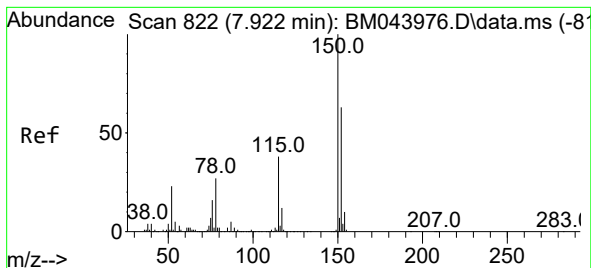
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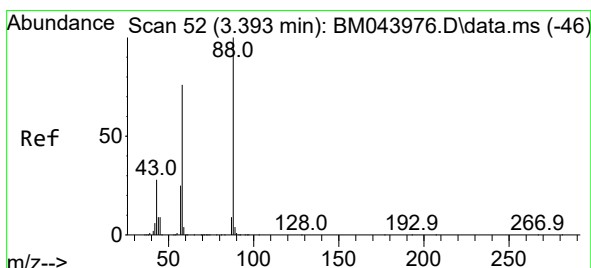
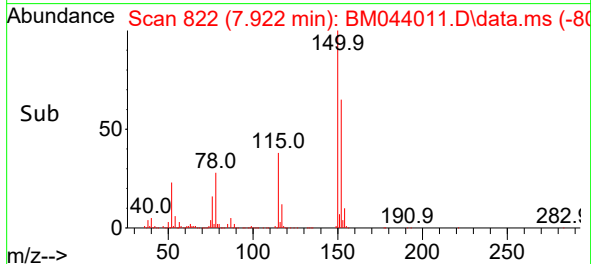
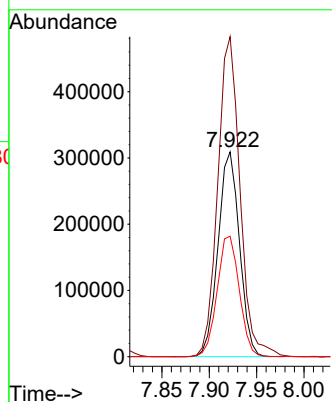
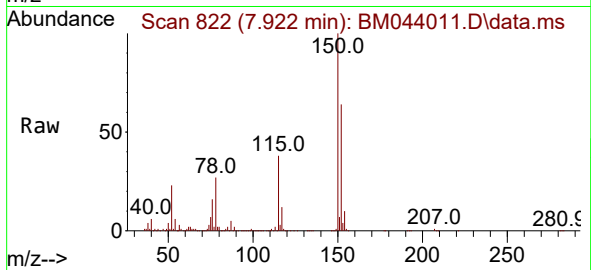




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.922 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BM044011.D
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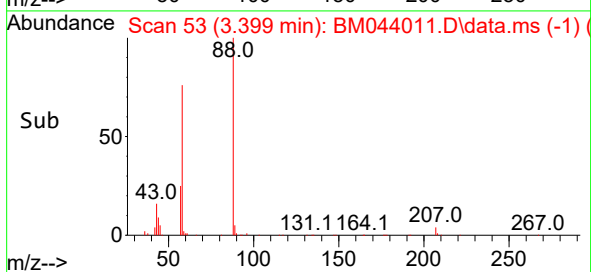
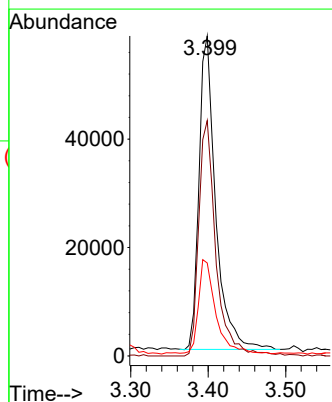
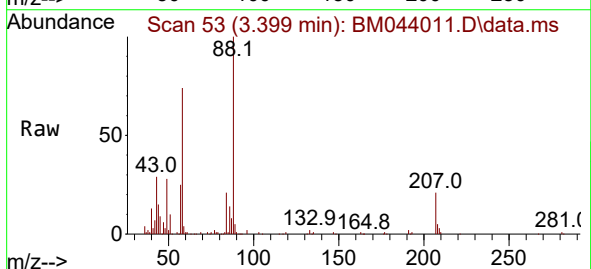
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 LOD-MDL-WATER-01-QT4-2023

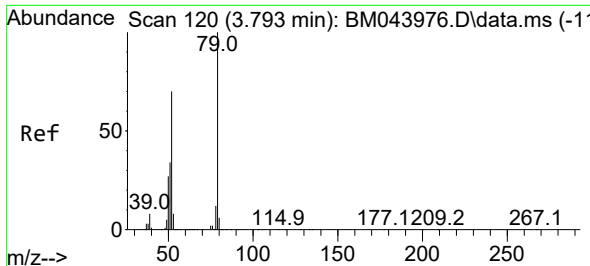
Tgt Ion:152 Resp: 486740
 Ion Ratio Lower Upper
 152 100
 150 156.3 126.1 189.1
 115 58.8 48.2 72.2



#2
 1,4-Dioxane
 Concen: 6.769 ng
 RT: 3.399 min Scan# 53
 Delta R.T. 0.006 min
 Lab File: BM044011.D
 Acq: 07 Feb 2024 03:57

Tgt Ion: 88 Resp: 86222
 Ion Ratio Lower Upper
 88 100
 58 77.8 61.0 91.6
 43 31.0 23.0 34.6

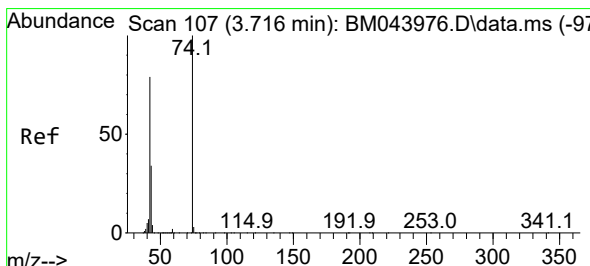
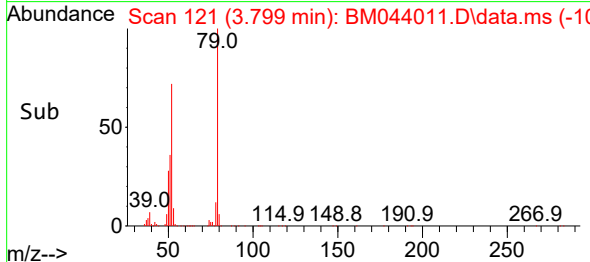
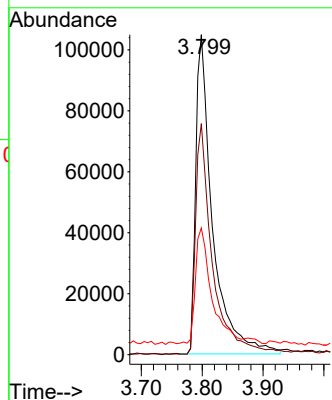
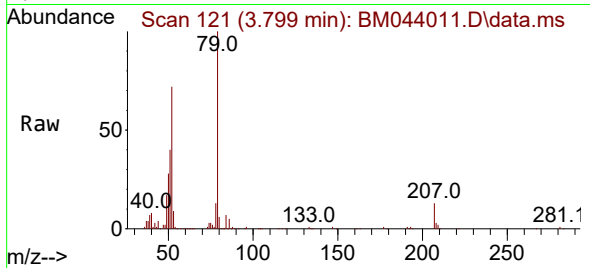




#3
 Pyridine
 Concen: 5.179 ng
 RT: 3.799 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BM044011.D
 Acq: 07 Feb 2024 03:57

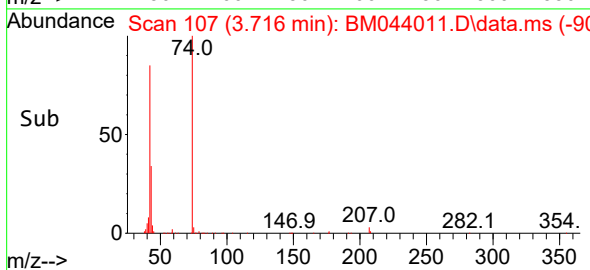
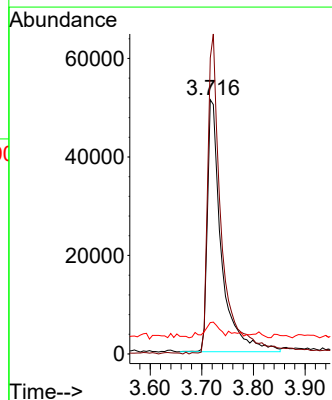
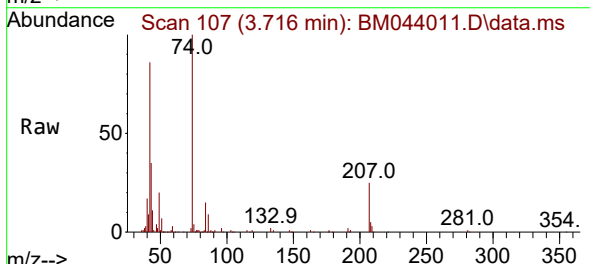
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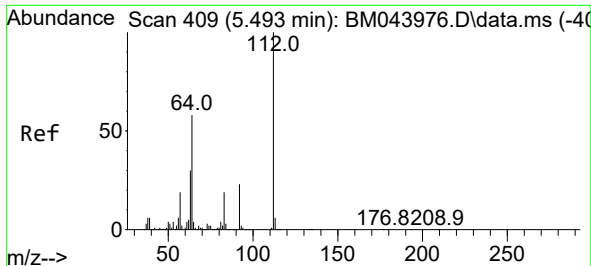
Tgt Ion: 79 Resp: 200784
 Ion Ratio Lower Upper
 79 100
 52 72.2 55.9 83.9
 51 39.6 28.2 42.2



#4
 n-Nitrosodimethylamine
 Concen: 5.744 ng
 RT: 3.716 min Scan# 107
 Delta R.T. 0.000 min
 Lab File: BM044011.D
 Acq: 07 Feb 2024 03:57

Tgt Ion: 42 Resp: 95731
 Ion Ratio Lower Upper
 42 100
 74 116.4 100.7 151.1
 44 12.4 7.3 10.9#

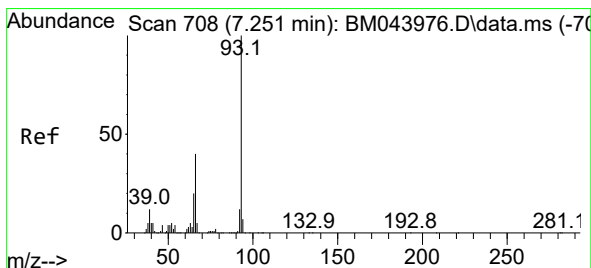
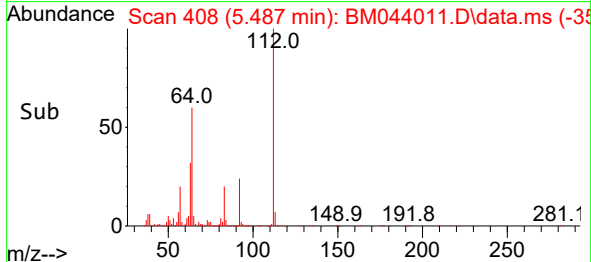
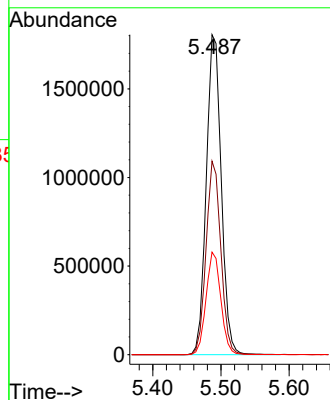
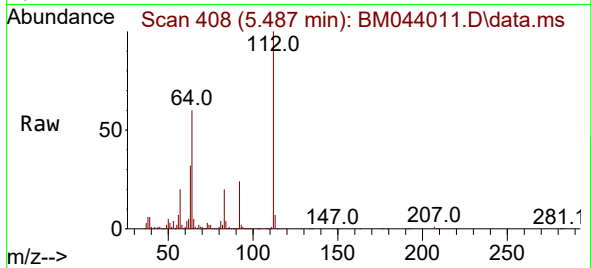




#5
2-Fluorophenol
Concen: 83.683 ng
RT: 5.487 min Scan# 409
Delta R.T. -0.006 min
Lab File: BM044011.D
Acq: 07 Feb 2024 03:57

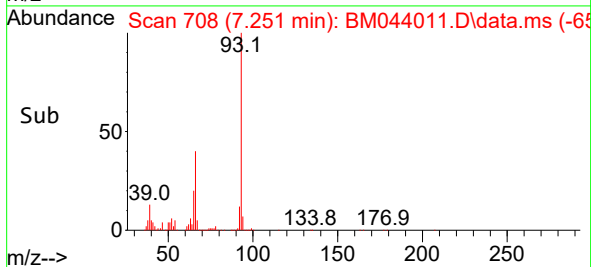
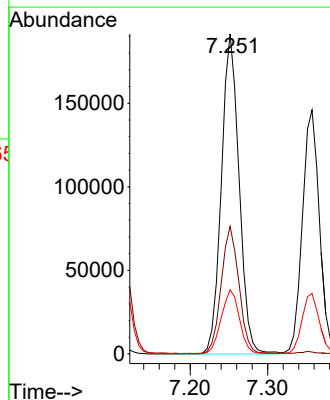
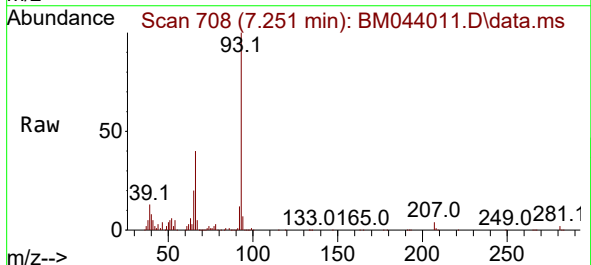
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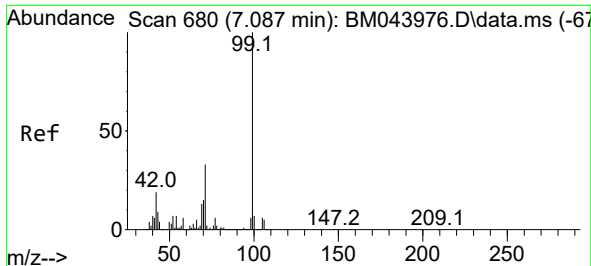
Tgt Ion:112 Resp: 2758250
Ion Ratio Lower Upper
112 100
64 60.4 46.6 70.0
63 32.0 24.2 36.4



#6
Aniline
Concen: 6.270 ng
RT: 7.251 min Scan# 708
Delta R.T. 0.000 min
Lab File: BM044011.D
Acq: 07 Feb 2024 03:57

Tgt Ion: 93 Resp: 303809
Ion Ratio Lower Upper
93 100
66 39.8 32.2 48.2
65 20.0 15.8 23.8

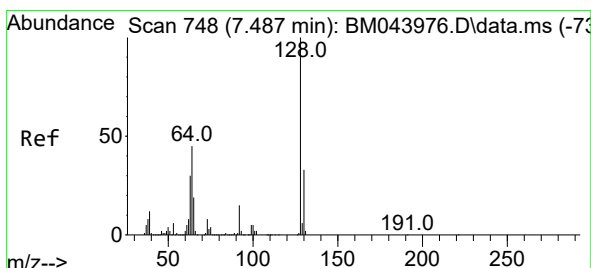
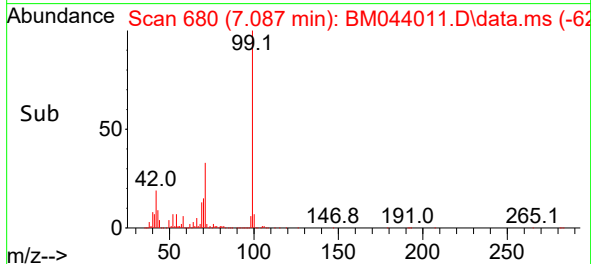
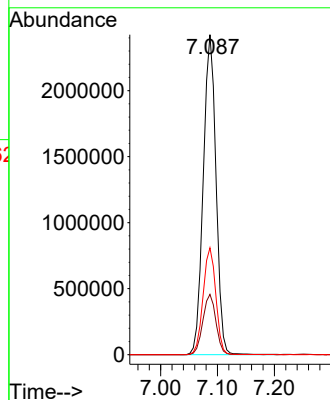
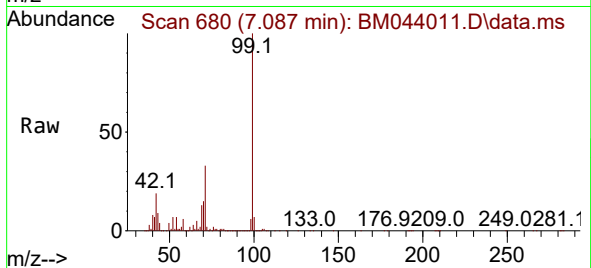




#7
Phenol-d6
Concen: 77.501 ng
RT: 7.087 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM044011.D
Acq: 07 Feb 2024 03:57

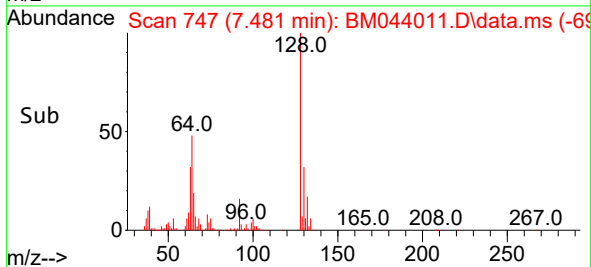
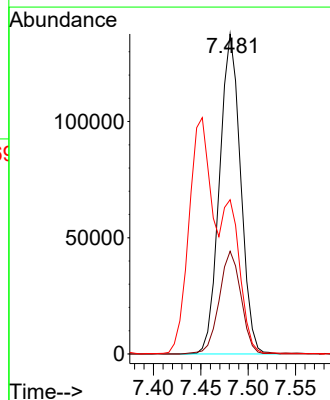
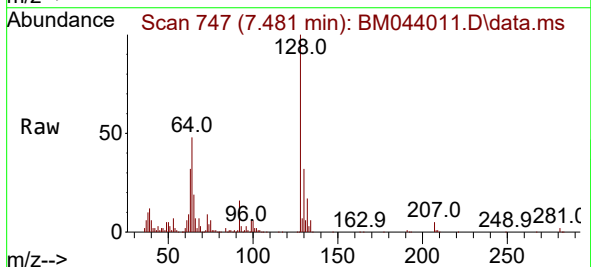
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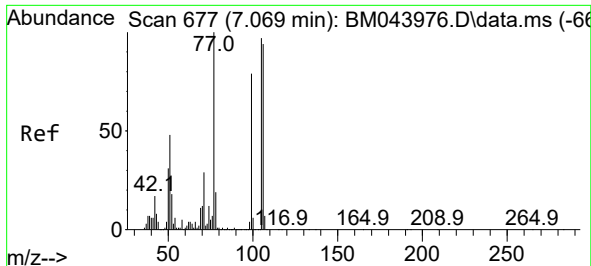
Tgt Ion: 99 Resp: 3774270
Ion Ratio Lower Upper
99 100
42 18.9 14.9 22.3
71 33.4 26.3 39.5



#8
2-Chlorophenol
Concen: 5.829 ng
RT: 7.481 min Scan# 747
Delta R.T. -0.006 min
Lab File: BM044011.D
Acq: 07 Feb 2024 03:57

Tgt Ion:128 Resp: 213302
Ion Ratio Lower Upper
128 100
130 32.1 12.9 52.9
64 48.2 25.6 65.6

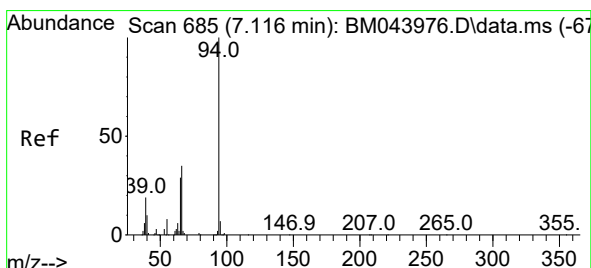
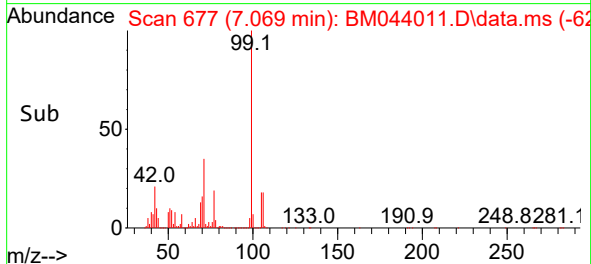
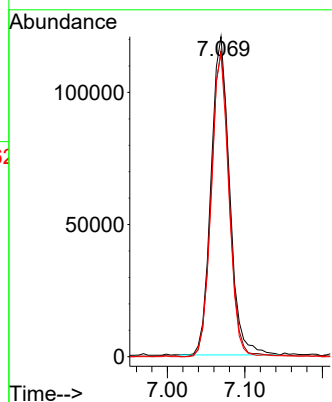
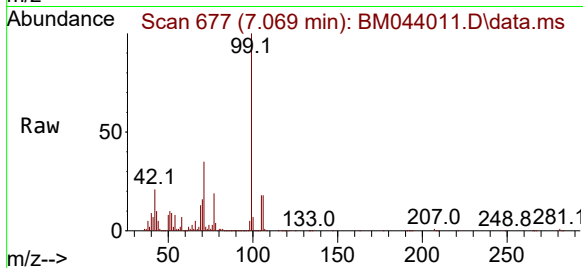




#9
Benzaldehyde
Concen: 4.759 ng
RT: 7.069 min Scan# 61
Delta R.T. 0.000 min
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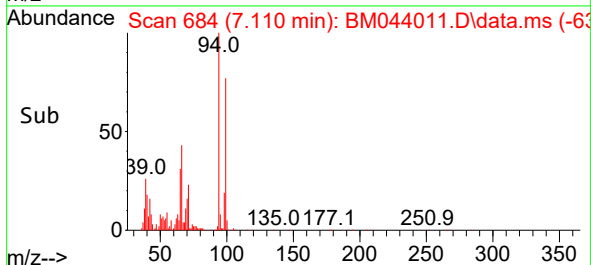
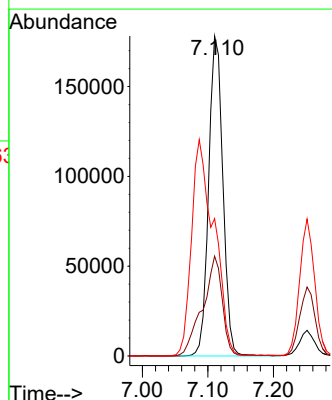
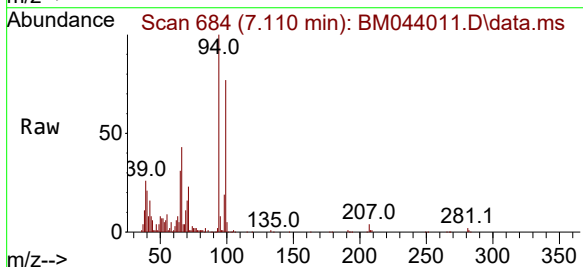
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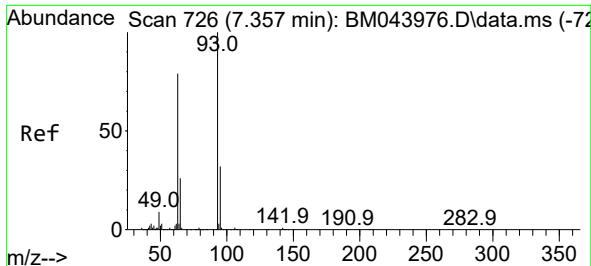
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77 100
105 95.5 77.4 117.4
106 94.7 73.5 113.5



#10
Phenol
Concen: 5.563 ng
RT: 7.110 min Scan# 684
Delta R.T. -0.006 min
Lab File: BM044011.D
Acq: 07 Feb 2024 03:57

Tgt Ion: 94 Resp: 269391
Ion Ratio Lower Upper
94 100
65 31.2 9.3 49.3
66 42.9 15.7 55.7

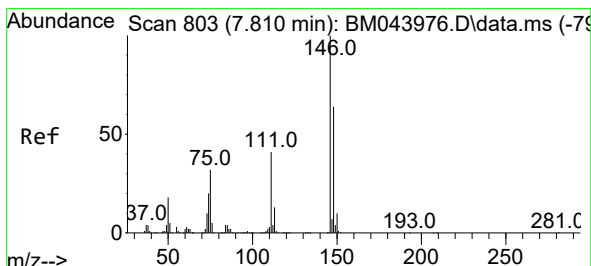
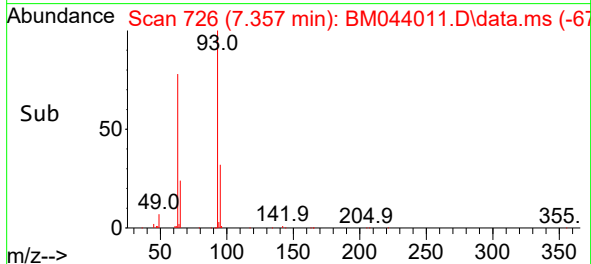
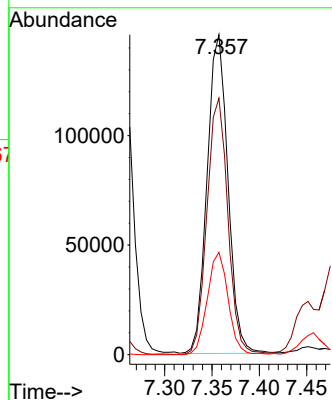
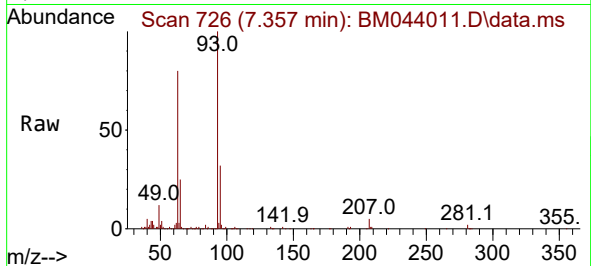




#11
bis(2-Chloroethyl)ether
Concen: 5.855 ng
RT: 7.357 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM044011.D
Acq: 07 Feb 2024 03:57

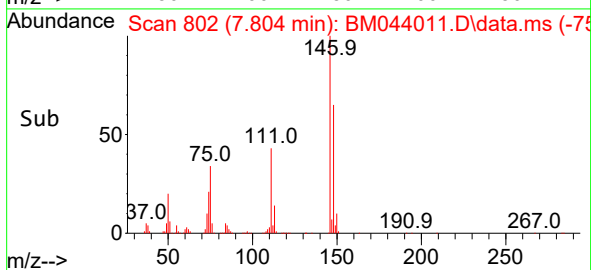
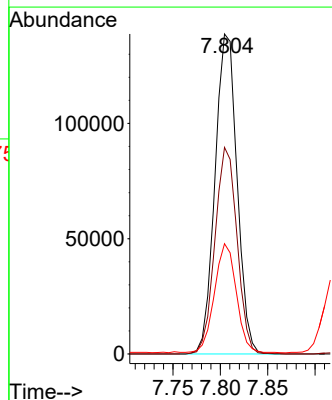
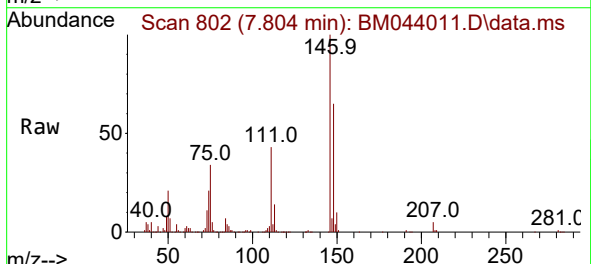
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

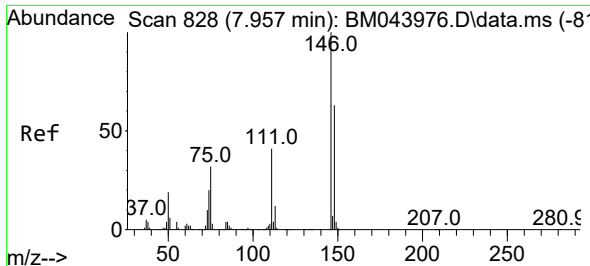
Tgt Ion: 93 Resp: 222216
Ion Ratio Lower Upper
93 100
63 80.2 59.0 99.0
95 32.0 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 5.694 ng
RT: 7.804 min Scan# 802
Delta R.T. -0.006 min
Lab File: BM044011.D
Acq: 07 Feb 2024 03:57

Tgt Ion: 146 Resp: 224989
Ion Ratio Lower Upper
146 100
148 64.6 51.0 76.6
75 34.5 26.1 39.1

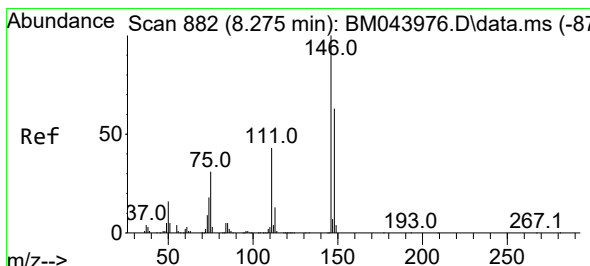
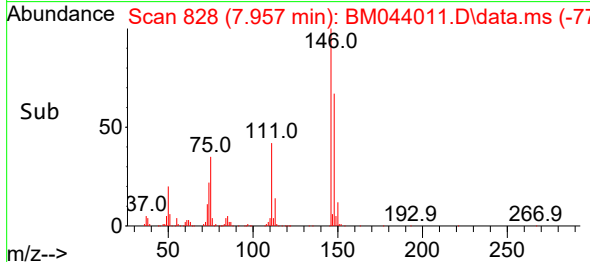
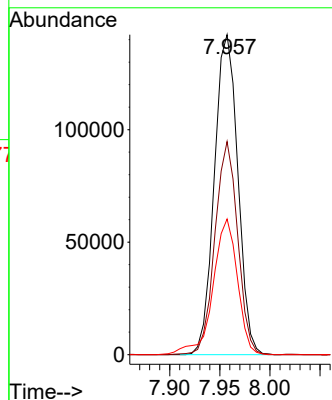
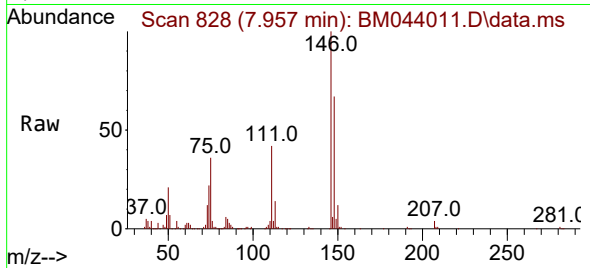




#13
1,4-Dichlorobenzene
Concen: 5.792 ng
RT: 7.957 min Scan# 811
Delta R.T. 0.000 min
Lab File: BM044011.D
Acq: 07 Feb 2024 03:57

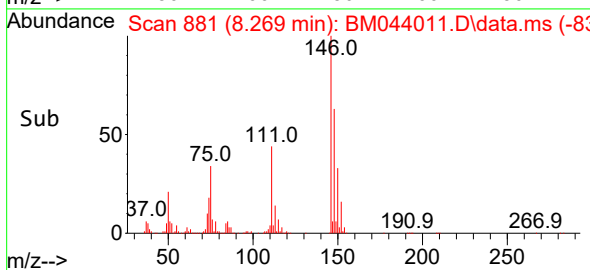
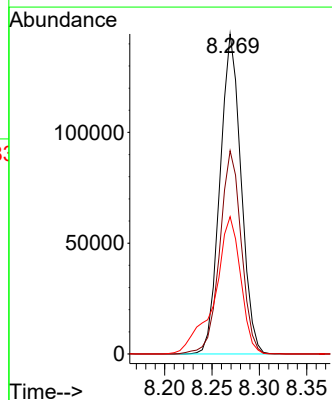
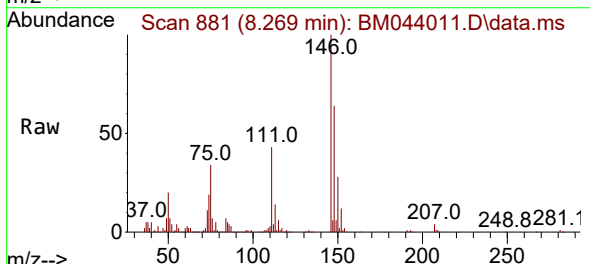
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

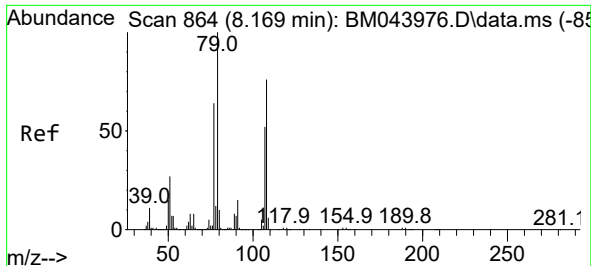
Tgt Ion:146 Resp: 231433
Ion Ratio Lower Upper
146 100
148 66.6 50.7 76.1
111 42.4 32.6 49.0



#14
1,2-Dichlorobenzene
Concen: 5.661 ng
RT: 8.269 min Scan# 881
Delta R.T. -0.006 min
Lab File: BM044011.D
Acq: 07 Feb 2024 03:57

Tgt Ion:146 Resp: 223088
Ion Ratio Lower Upper
146 100
148 63.5 50.3 75.5
111 42.9 34.3 51.5

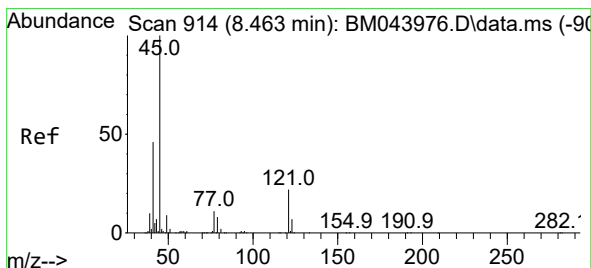
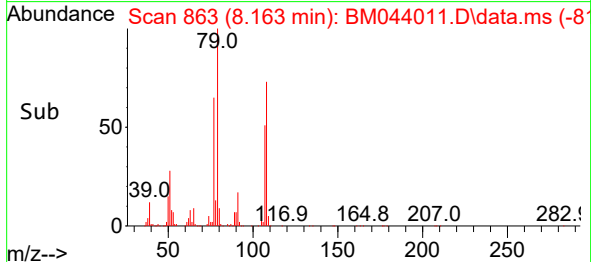
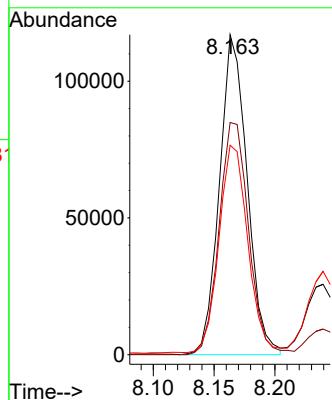
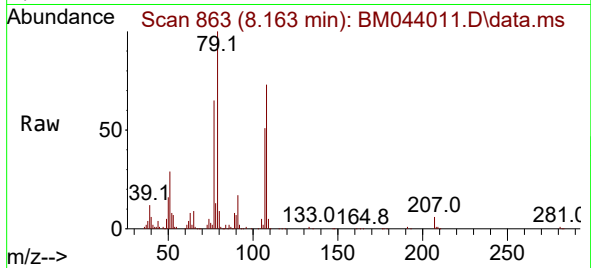




#15
Benzyl Alcohol
Concen: 5.544 ng
RT: 8.163 min Scan# 80
Delta R.T. -0.006 min
Lab File: BM044011.D
Acq: 07 Feb 2024 03:57

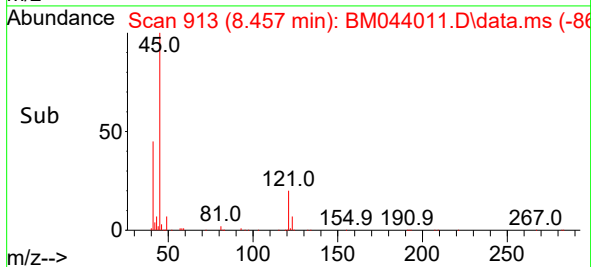
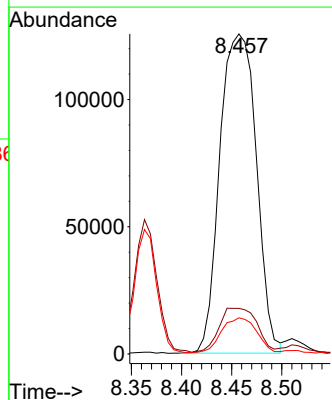
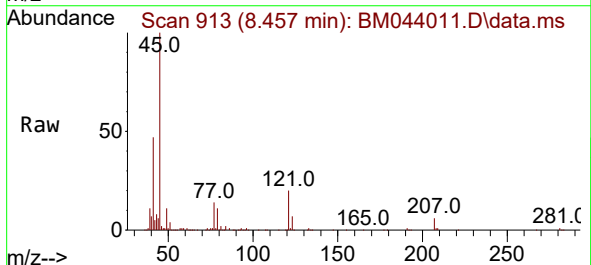
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

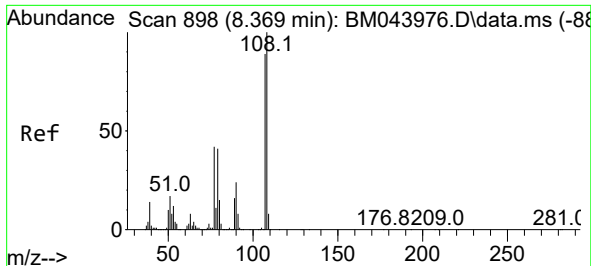
Tgt Ion: 79 Resp: 185069
Ion Ratio Lower Upper
79 100
108 72.6 60.7 91.1
77 65.5 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 6.244 ng
RT: 8.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BM044011.D
Acq: 07 Feb 2024 03:57

Tgt Ion: 45 Resp: 317764
Ion Ratio Lower Upper
45 100
77 14.2 0.0 34.4
79 11.3 0.0 31.2

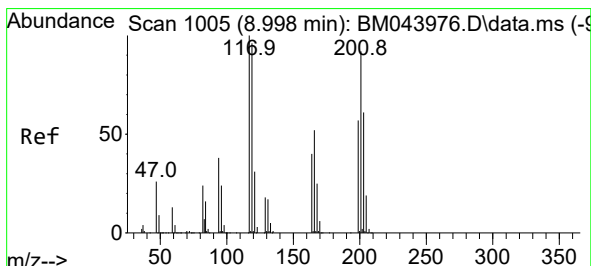
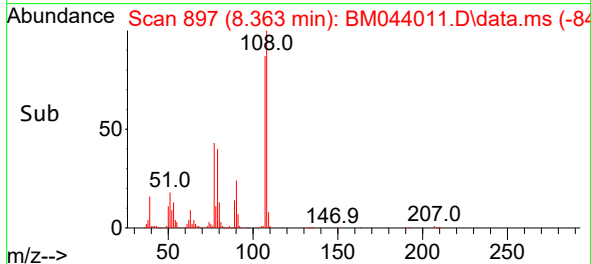
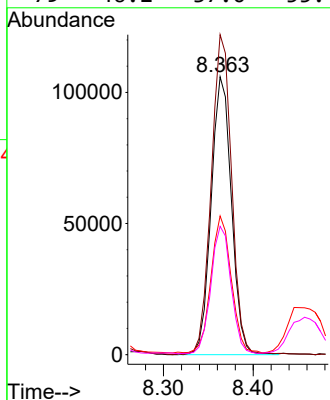
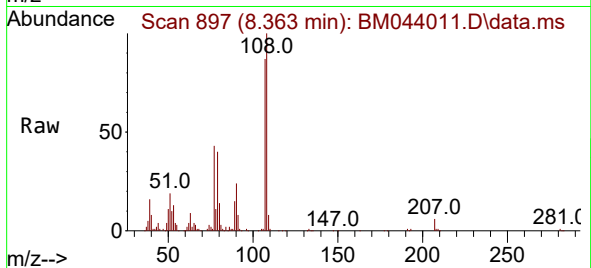




#17
2-Methylphenol
Concen: 5.377 ng
RT: 8.363 min Scan# 898
Delta R.T. -0.006 min
Lab File: BM044011.D
Acq: 07 Feb 2024 03:57

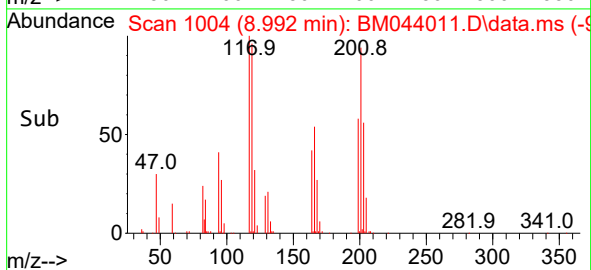
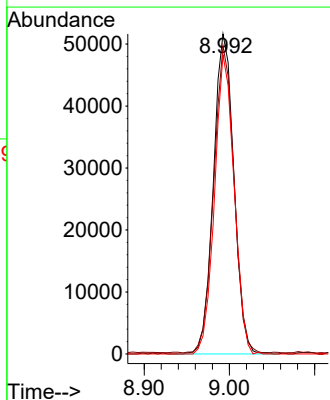
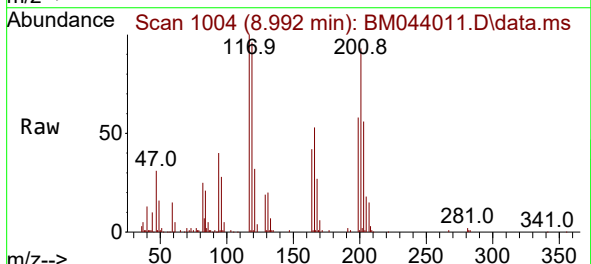
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

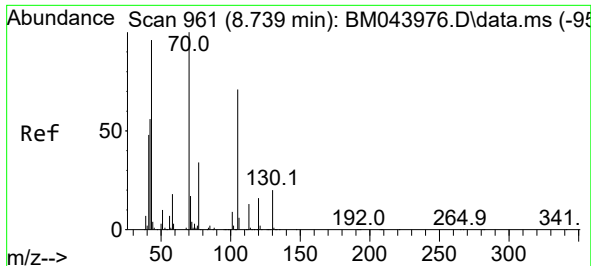
Tgt Ion:	107	Resp:	166436
Ion Ratio	Lower	Upper	
107	100		
108	115.1	90.4	135.6
77	49.9	38.0	57.0
79	46.2	37.0	55.4



#18
Hexachloroethane
Concen: 5.739 ng
RT: 8.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BM044011.D
Acq: 07 Feb 2024 03:57

Tgt Ion:	117	Resp:	86052
Ion Ratio	Lower	Upper	
117	100		
119	96.3	76.7	115.1
201	93.5	73.4	110.2



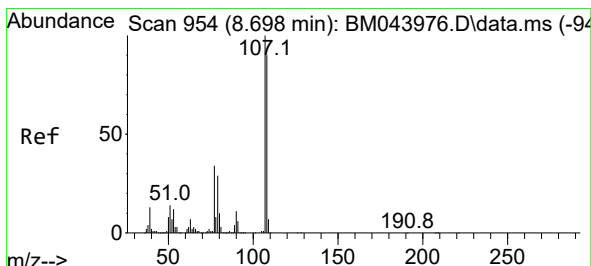
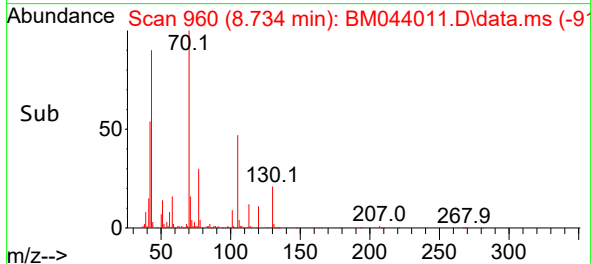
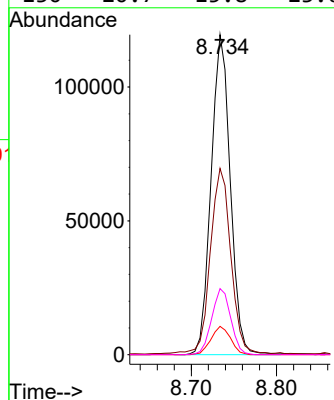
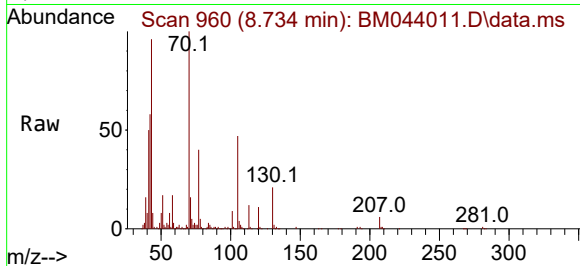


#19
n-Nitroso-di-n-propylamine
Concen: 5.832 ng
RT: 8.734 min Scan# 961
Delta R.T. -0.006 min
Lab File: BM044011.D
Acq: 07 Feb 2024 03:57

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

Tgt Ion: 70 Resp: 186870

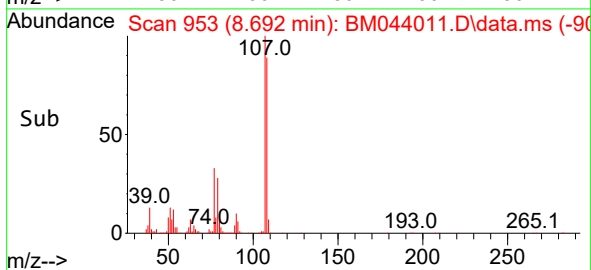
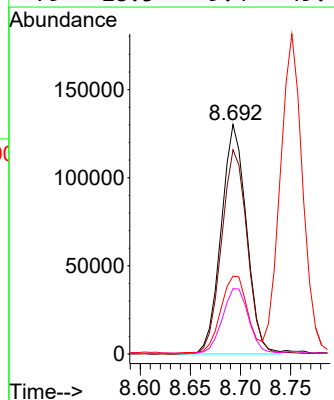
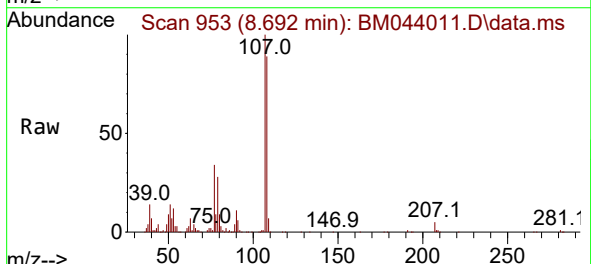
Ion	Ratio	Lower	Upper
70	100		
42	58.2	45.6	68.4
101	8.9	7.5	11.3
130	20.7	15.8	23.6

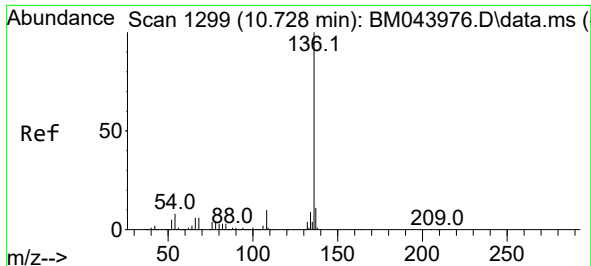


#20
3+4-Methylphenols
Concen: 5.223 ng
RT: 8.692 min Scan# 953
Delta R.T. -0.006 min
Lab File: BM044011.D
Acq: 07 Feb 2024 03:57

Tgt Ion: 107 Resp: 228195

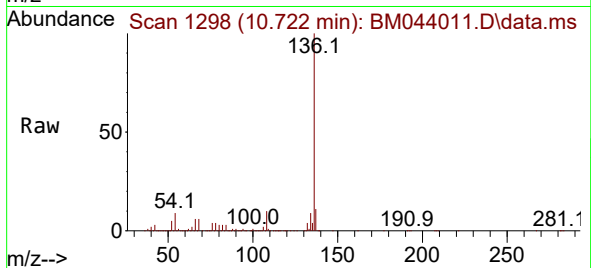
Ion	Ratio	Lower	Upper
107	100		
108	89.0	70.3	110.3
77	33.9	14.0	54.0
79	28.5	9.4	49.4



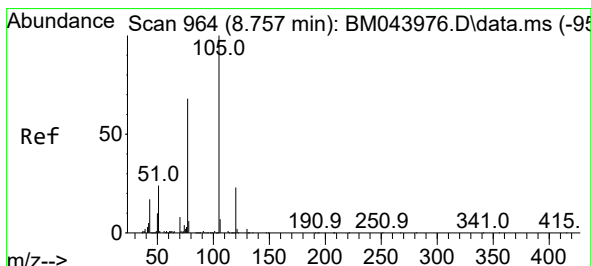
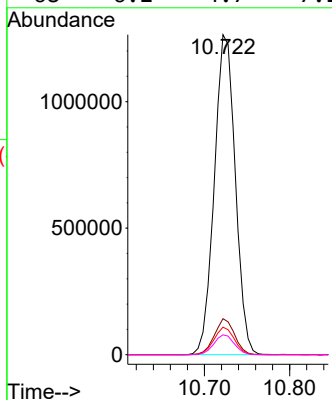
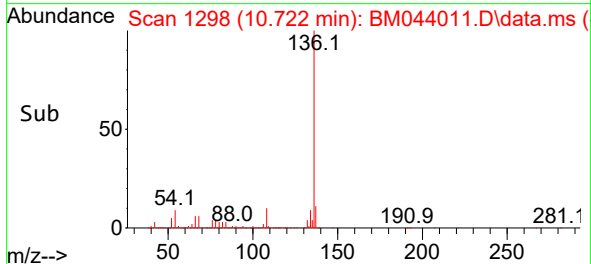


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.722 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM044011.D
Acq: 07 Feb 2024 03:57

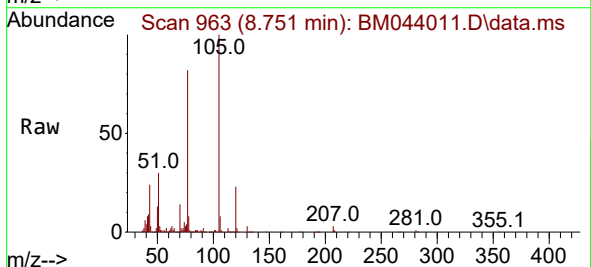
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023



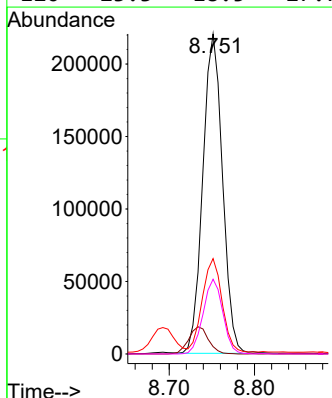
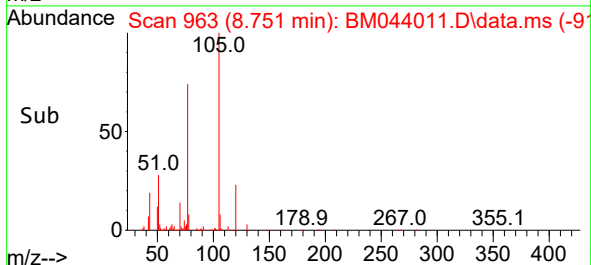
Tgt Ion:136 Resp: 2163946
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.6 6.5 9.7
68 6.2 4.7 7.1

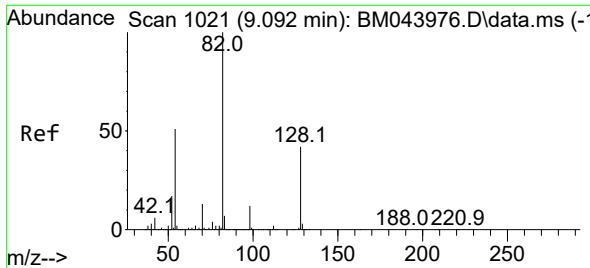


#22
Acetophenone
Concen: 6.041 ng
RT: 8.751 min Scan# 963
Delta R.T. -0.006 min
Lab File: BM044011.D
Acq: 07 Feb 2024 03:57



Tgt Ion:105 Resp: 354193
Ion Ratio Lower Upper
105 100
71 2.3 1.6 2.4
51 29.8 21.8 32.6
120 23.3 18.5 27.7

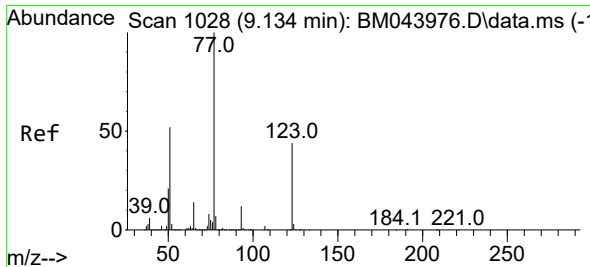
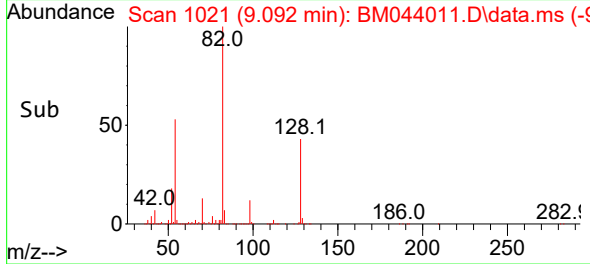
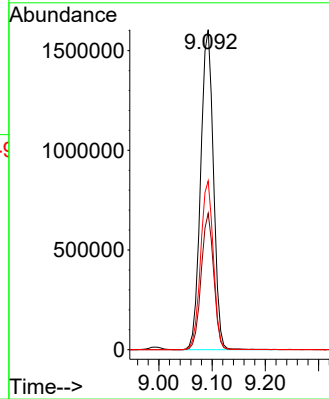
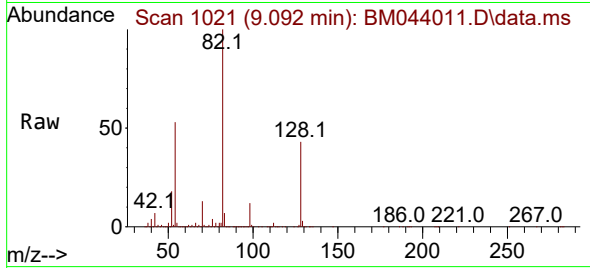




#23
Nitrobenzene-d5
Concen: 59.606 ng
RT: 9.092 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BM044011.D
Acq: 07 Feb 2024 03:57

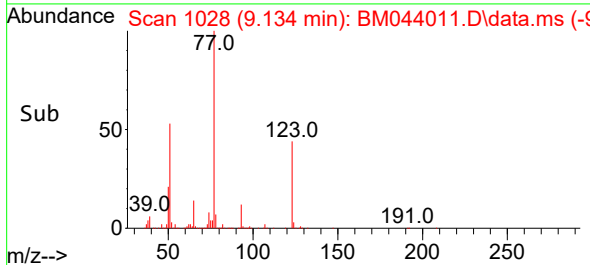
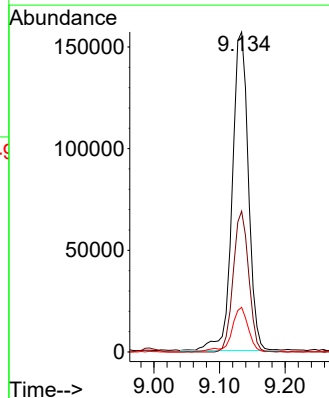
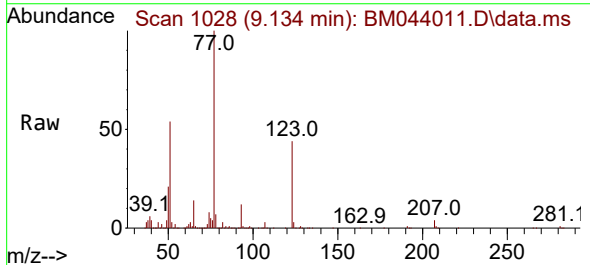
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

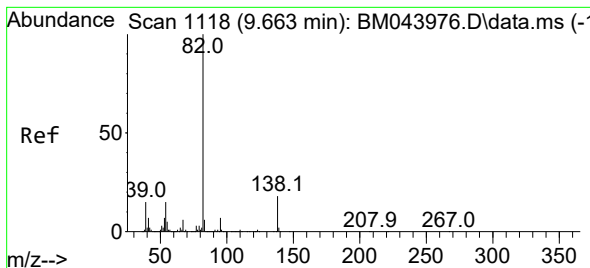
Tgt Ion: 82 Resp: 2675738
Ion Ratio Lower Upper
82 100
128 42.6 33.9 50.9
54 52.7 41.1 61.7



#24
Nitrobenzene
Concen: 5.949 ng
RT: 9.134 min Scan# 1028
Delta R.T. 0.000 min
Lab File: BM044011.D
Acq: 07 Feb 2024 03:57

Tgt Ion: 77 Resp: 267928
Ion Ratio Lower Upper
77 100
123 44.0 35.3 52.9
65 13.9 10.9 16.3





#25

Isophorone

Concen: 5.850 ng

RT: 9.657 min Scan# 1117

Delta R.T. -0.006 min

Lab File: BM044011.D

Acq: 07 Feb 2024 03:57

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

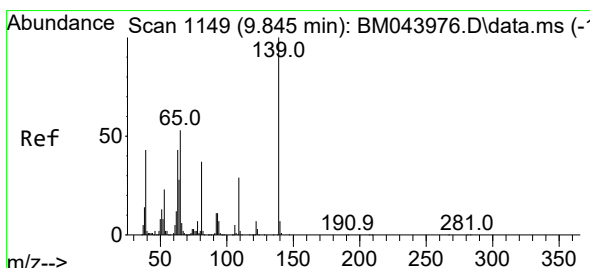
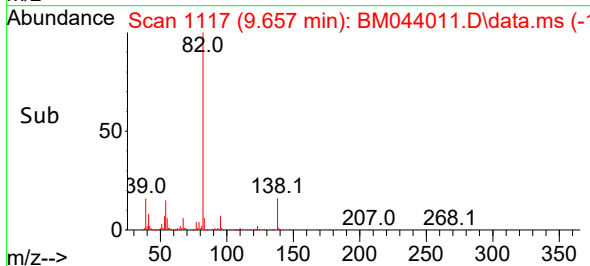
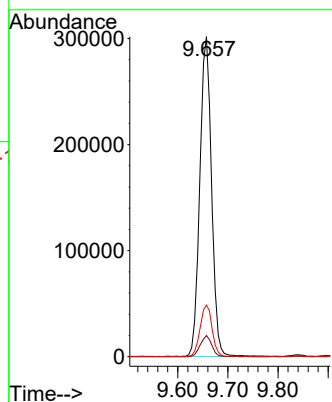
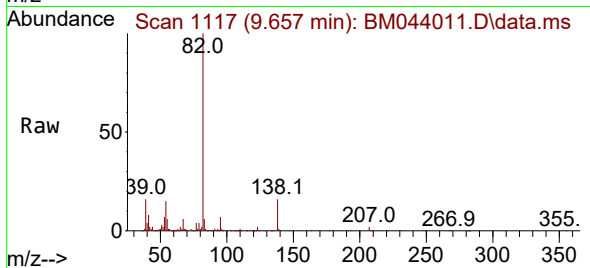
Tgt Ion: 82 Resp: 488898

Ion Ratio Lower Upper

82 100

95 6.6 5.6 8.4

138 16.1 14.2 21.2



#26

2-Nitrophenol

Concen: 5.208 ng

RT: 9.839 min Scan# 1148

Delta R.T. -0.006 min

Lab File: BM044011.D

Acq: 07 Feb 2024 03:57

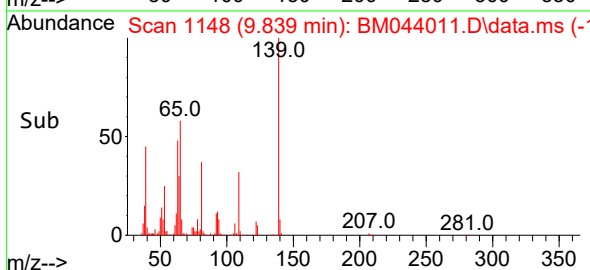
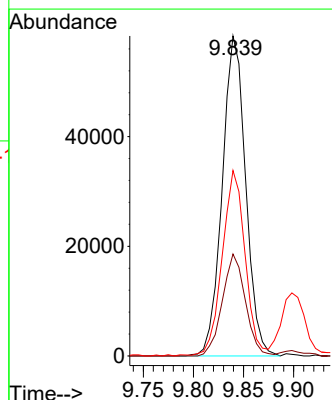
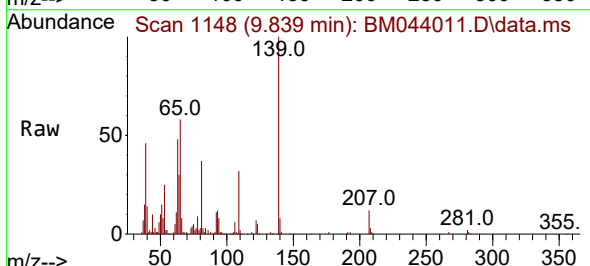
Tgt Ion: 139 Resp: 94806

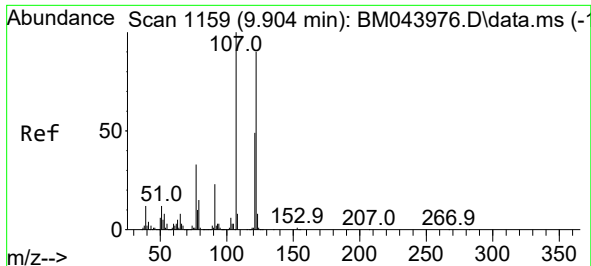
Ion Ratio Lower Upper

139 100

109 31.8 23.3 34.9

65 57.9 42.5 63.7

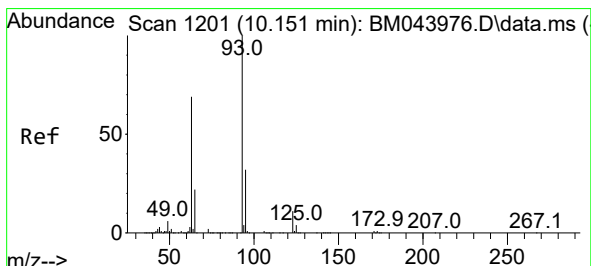
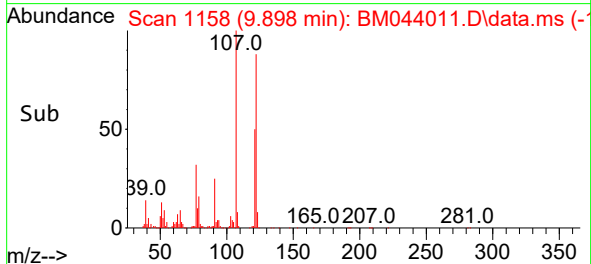
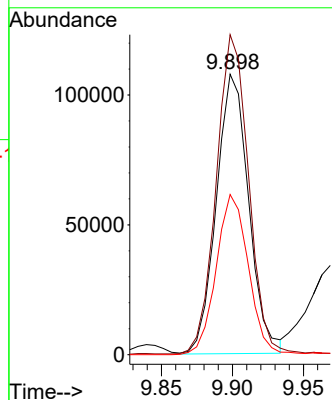
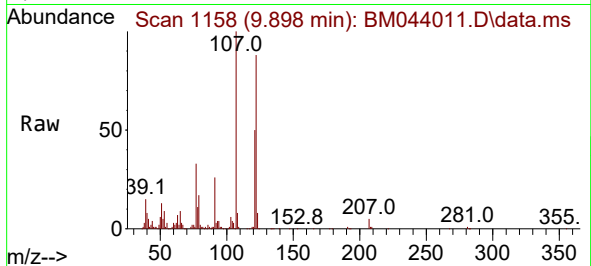




#27
2,4-Dimethylphenol
Concen: 6.845 ng
RT: 9.898 min Scan# 1158
Delta R.T. -0.006 min
Lab File: BM044011.D
Acq: 07 Feb 2024 03:57

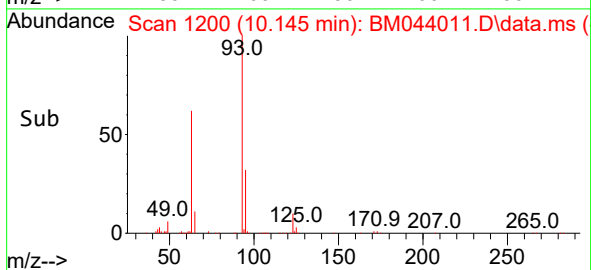
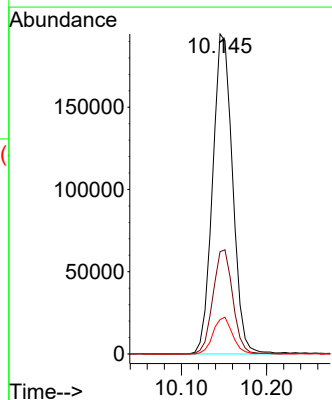
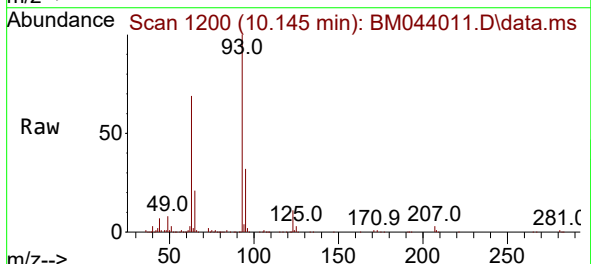
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

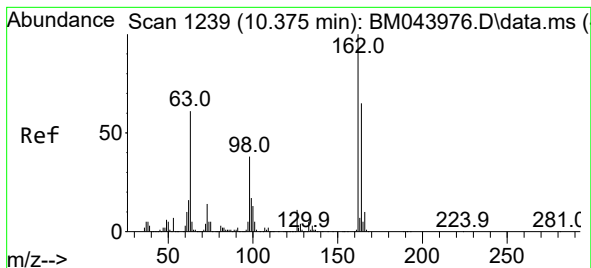
Tgt Ion:122 Resp: 171085
Ion Ratio Lower Upper
122 100
107 114.1 89.0 133.4
121 57.1 43.4 65.0



#28
bis(2-Chloroethoxy)methane
Concen: 6.206 ng
RT: 10.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BM044011.D
Acq: 07 Feb 2024 03:57

Tgt Ion: 93 Resp: 316724
Ion Ratio Lower Upper
93 100
95 31.9 25.9 38.9
123 10.7 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 5.609 ng

RT: 10.369 min Scan# 1238

Delta R.T. -0.006 min

Lab File: BM044011.D

Acq: 07 Feb 2024 03:57

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

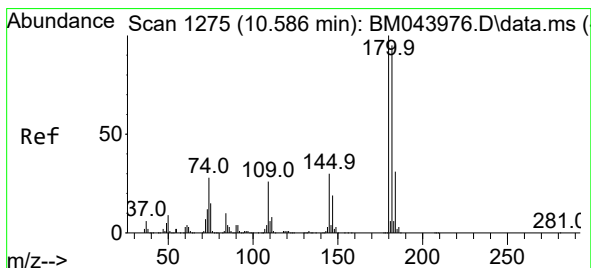
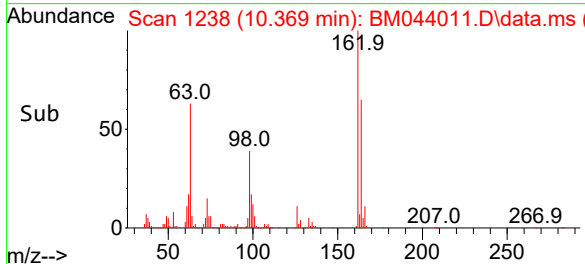
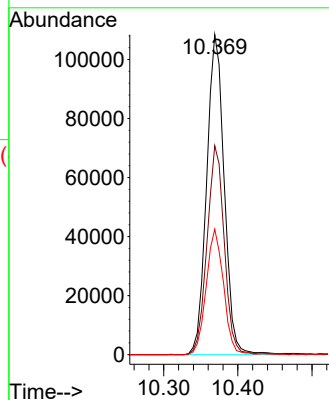
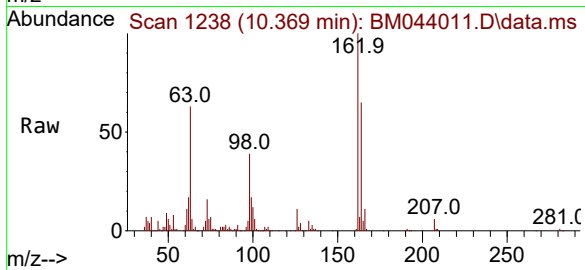
Tgt Ion:162 Resp: 178802

Ion Ratio Lower Upper

162 100

164 65.3 45.1 85.1

98 39.2 17.8 57.8



#30

1,2,4-Trichlorobenzene

Concen: 5.825 ng

RT: 10.586 min Scan# 1275

Delta R.T. 0.000 min

Lab File: BM044011.D

Acq: 07 Feb 2024 03:57

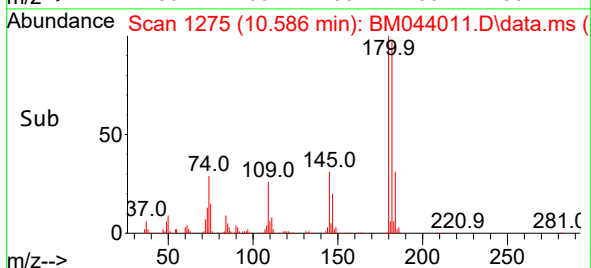
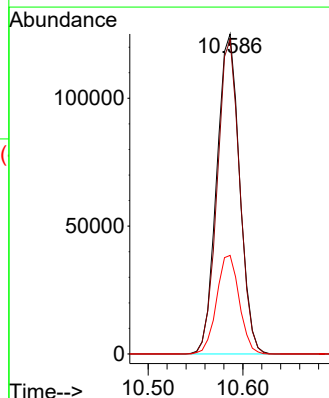
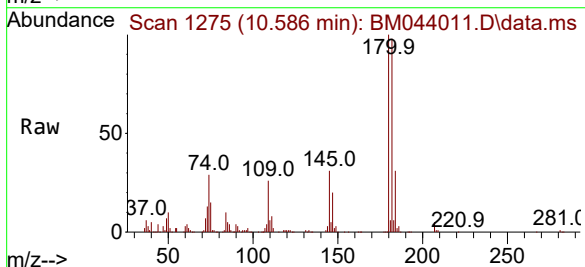
Tgt Ion:180 Resp: 209751

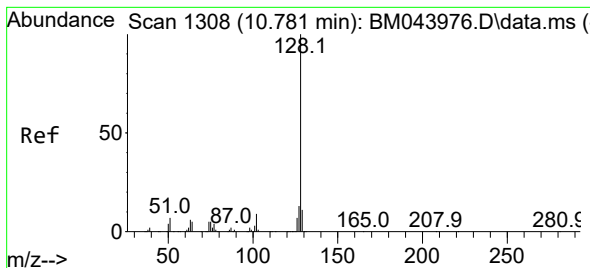
Ion Ratio Lower Upper

180 100

182 98.2 76.0 114.0

145 30.8 24.2 36.2





#31

Naphthalene

Concen: 5.800 ng

RT: 10.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM044011.D

Acq: 07 Feb 2024 03:57

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

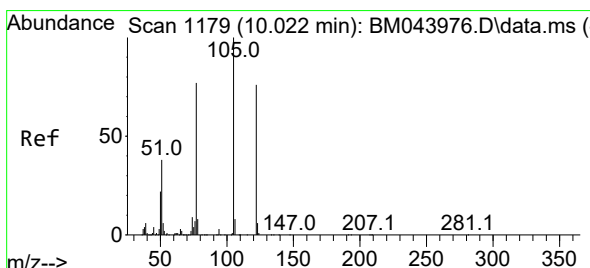
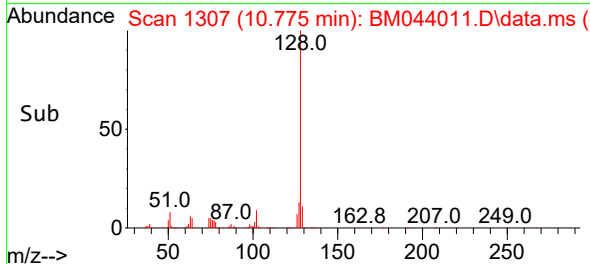
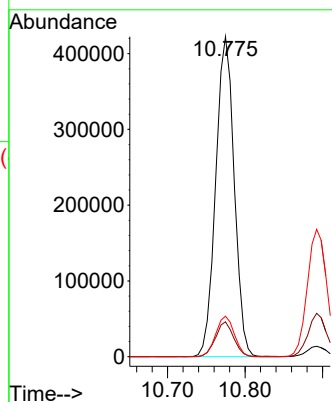
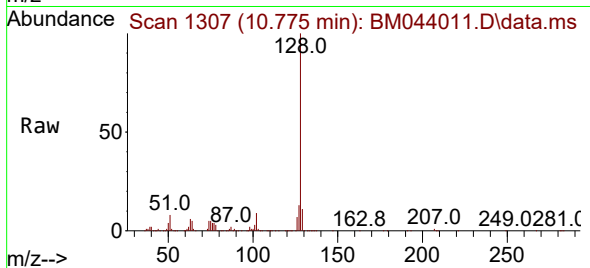
Tgt Ion:128 Resp: 699560

Ion Ratio Lower Upper

128 100

129 10.9 8.4 12.6

127 12.7 10.1 15.1



#32

Benzoic acid

Concen: 9.188 ng

RT: 9.975 min Scan# 1171

Delta R.T. -0.047 min

Lab File: BM044011.D

Acq: 07 Feb 2024 03:57

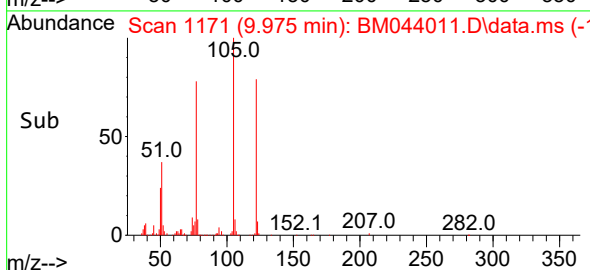
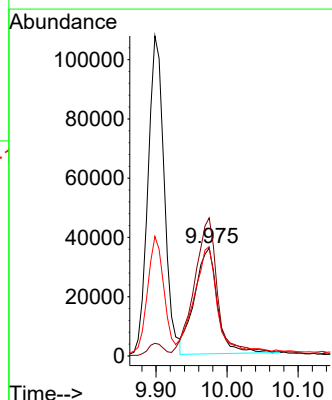
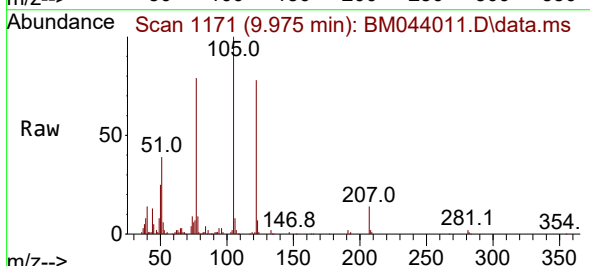
Tgt Ion:122 Resp: 80018

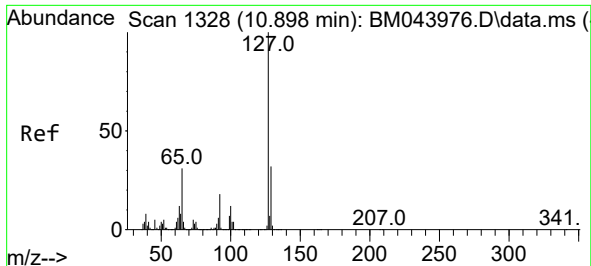
Ion Ratio Lower Upper

122 100

105 128.1 109.4 149.4

77 101.3 80.5 120.5

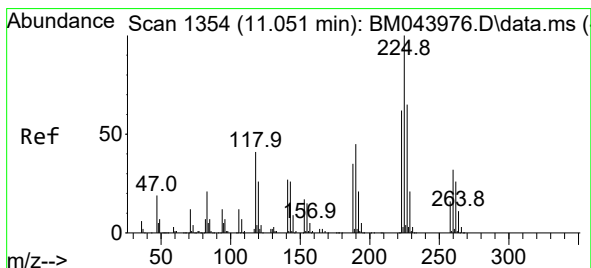
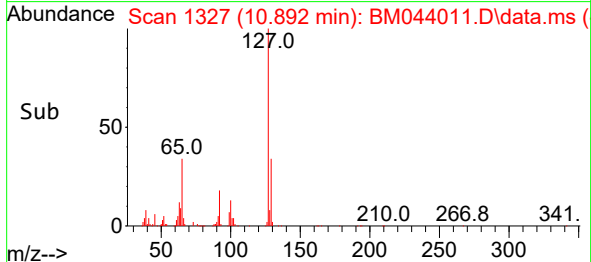
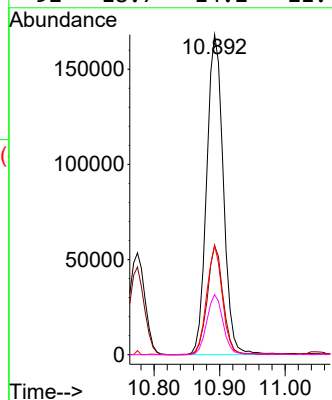
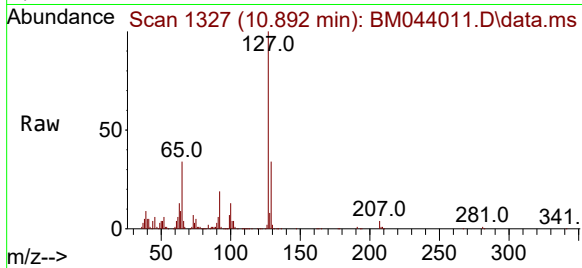




#33
4-Chloroaniline
Concen: 6.000 ng
RT: 10.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BM044011.D
Acq: 07 Feb 2024 03:57

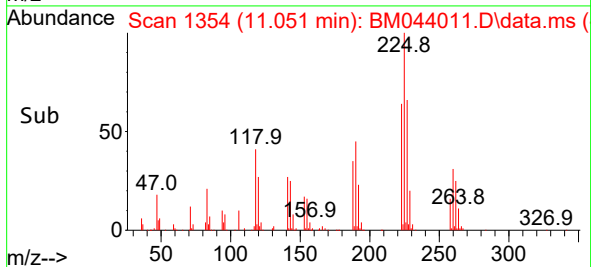
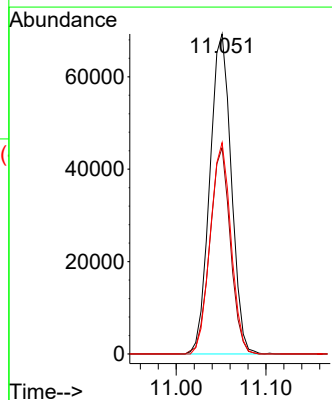
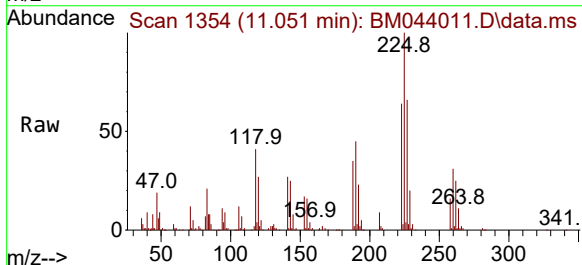
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

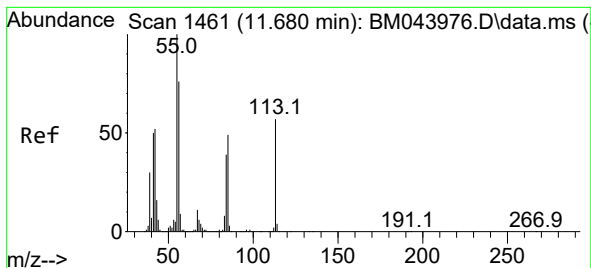
Tgt Ion	127	Resp: 297474	
	Ratio	Lower	Upper
127	100		
129	34.0	25.6	38.4
65	34.3	24.5	36.7
92	18.7	14.2	21.4



#34
Hexachlorobutadiene
Concen: 5.853 ng
RT: 11.051 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BM044011.D
Acq: 07 Feb 2024 03:57

Tgt Ion:225	Resp: 114948		
Ion Ratio	Lower	Upper	
225 100			
223 64.5	49.8	74.8	
227 66.1	51.7	77.5	

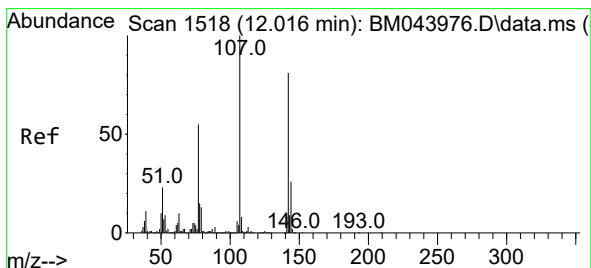
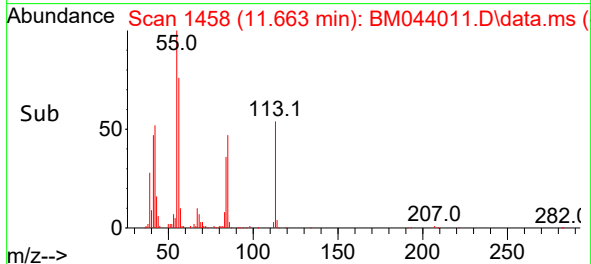
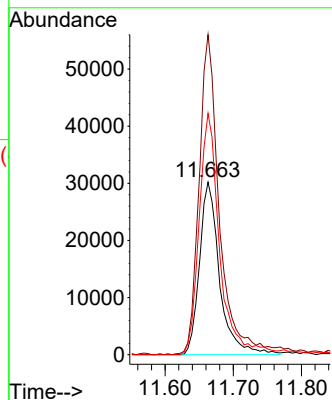
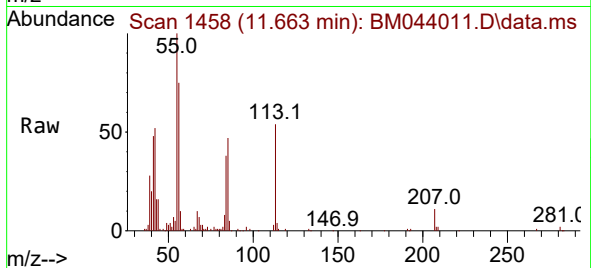




#35
Caprolactam
Concen: 4.726 ng
RT: 11.663 min Scan# 1458
Delta R.T. -0.018 min
Lab File: BM044011.D
Acq: 07 Feb 2024 03:57

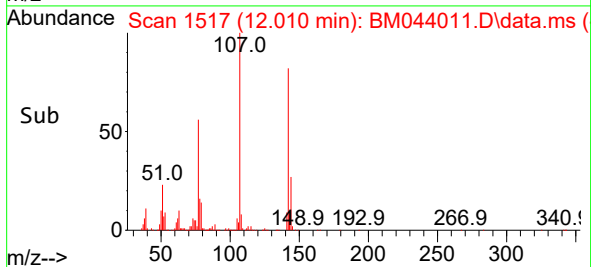
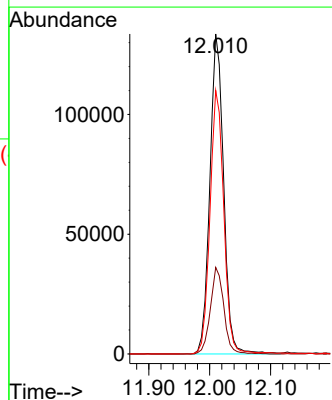
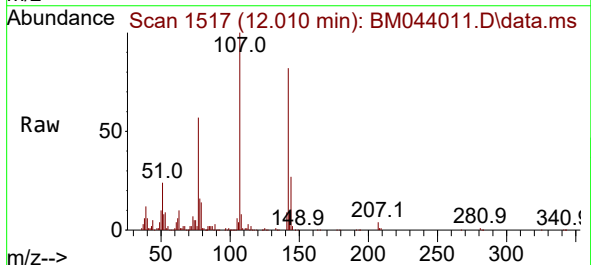
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

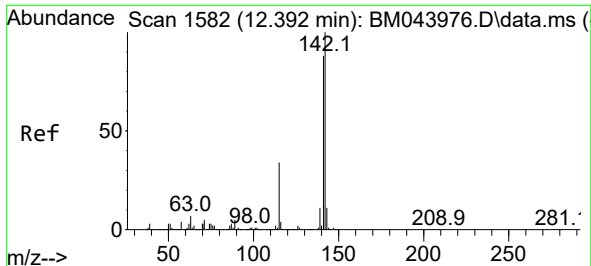
Tgt Ion:113 Resp: 61784
Ion Ratio Lower Upper
113 100
55 185.5 154.3 194.3
56 139.9 112.2 152.2



#36
4-Chloro-3-methylphenol
Concen: 5.384 ng
RT: 12.010 min Scan# 1517
Delta R.T. -0.006 min
Lab File: BM044011.D
Acq: 07 Feb 2024 03:57

Tgt Ion:107 Resp: 210204
Ion Ratio Lower Upper
107 100
144 27.1 21.1 31.7
142 82.3 65.0 97.4

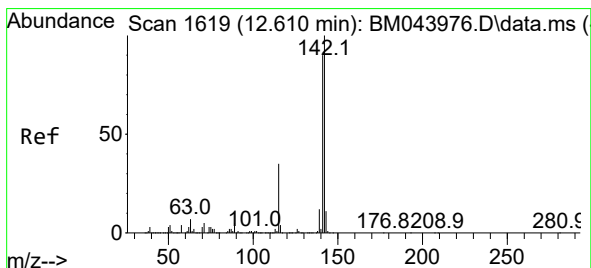
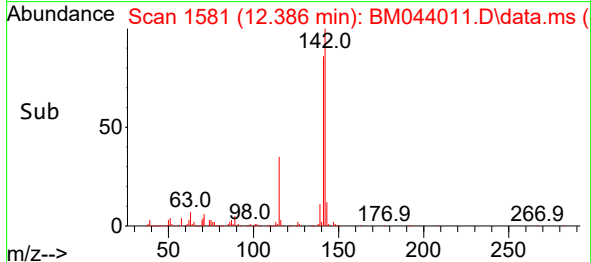
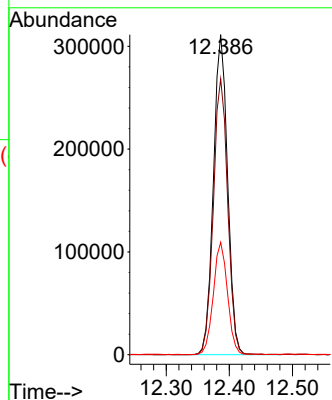
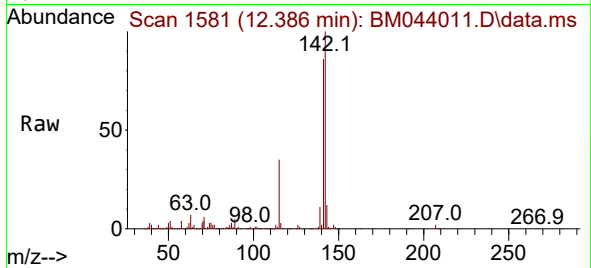




#37
2-Methylnaphthalene
Concen: 5.772 ng
RT: 12.386 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BM044011.D
Acq: 07 Feb 2024 03:57

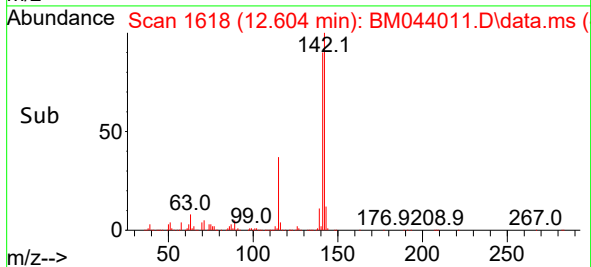
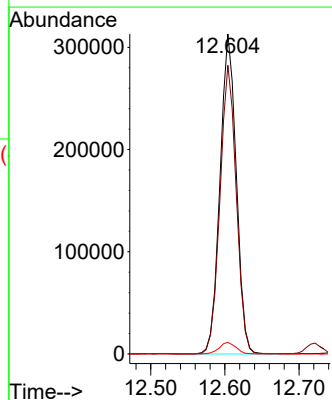
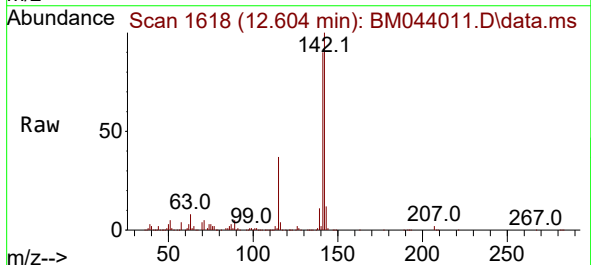
Instrument : BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

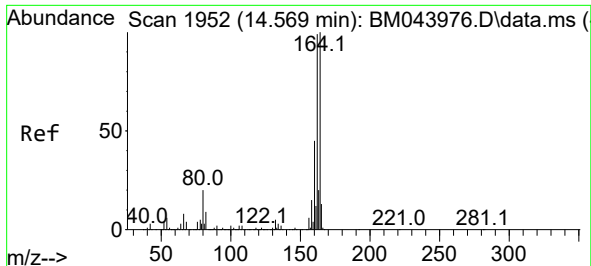
Tgt Ion:142 Resp: 485475
Ion Ratio Lower Upper
142 100
141 86.2 70.2 105.2
115 35.1 27.2 40.8



#38
1-Methylnaphthalene
Concen: 5.678 ng
RT: 12.604 min Scan# 1618
Delta R.T. -0.006 min
Lab File: BM044011.D
Acq: 07 Feb 2024 03:57

Tgt Ion:142 Resp: 476755
Ion Ratio Lower Upper
142 100
141 90.2 72.1 108.1
116 3.7 2.9 4.3

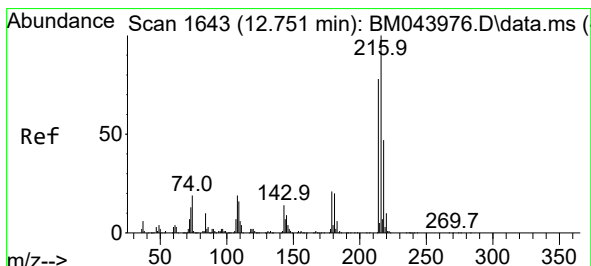
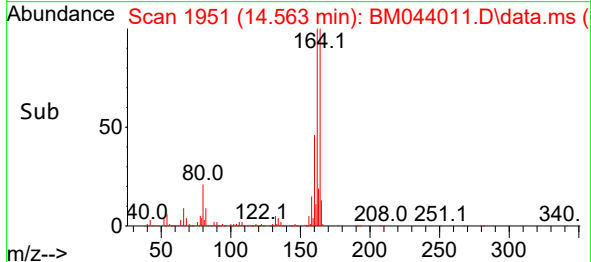
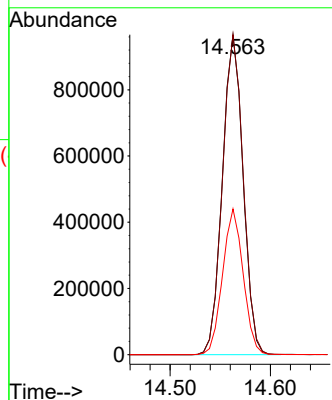
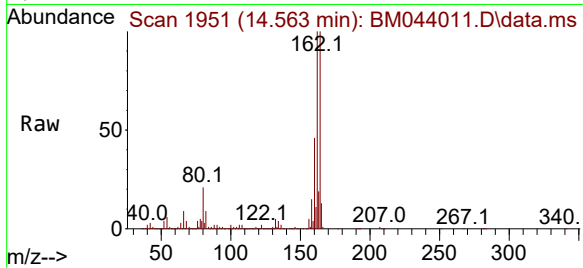




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.563 min Scan# 1951
Delta R.T. -0.006 min
Lab File: BM044011.D
Acq: 07 Feb 2024 03:57

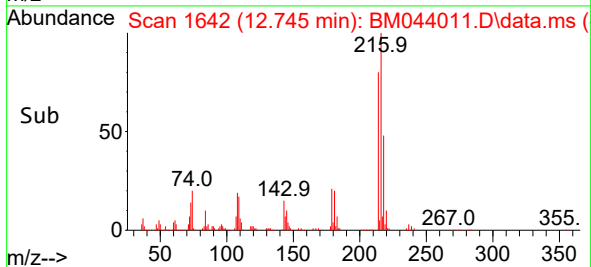
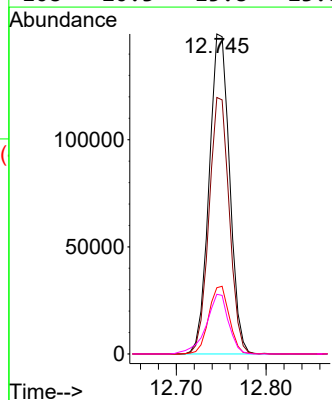
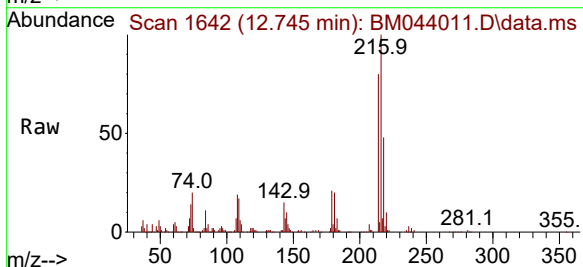
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

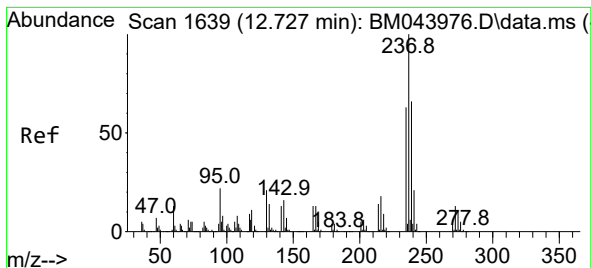
Tgt Ion:164 Resp: 1384747
Ion Ratio Lower Upper
164 100
162 100.1 79.0 118.4
160 45.6 35.8 53.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 6.036 ng
RT: 12.745 min Scan# 1642
Delta R.T. -0.006 min
Lab File: BM044011.D
Acq: 07 Feb 2024 03:57

Tgt Ion:216 Resp: 237067
Ion Ratio Lower Upper
216 100
214 79.2 62.6 94.0
179 21.2 16.7 25.1
108 20.3 15.8 23.8





#41

Hexachlorocyclopentadiene

Concen: 7.956 ng

RT: 12.722 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM044011.D

Acq: 07 Feb 2024 03:57

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

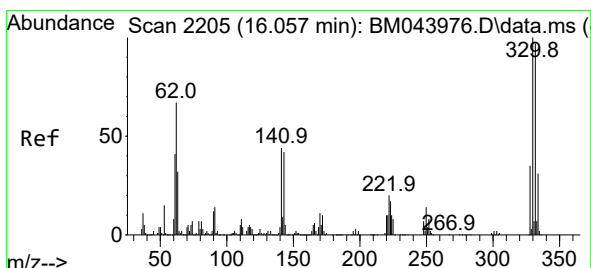
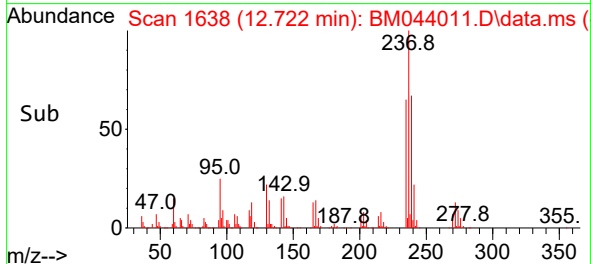
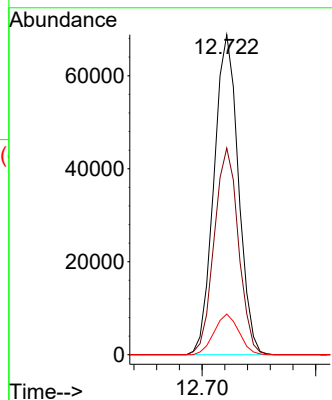
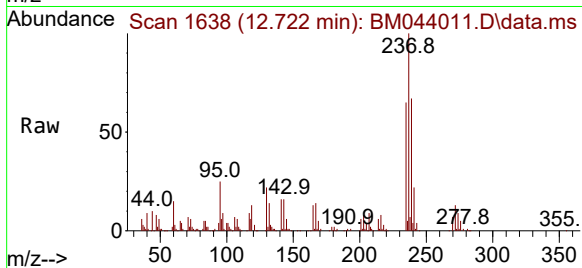
Tgt Ion:237 Resp: 102762

Ion Ratio Lower Upper

237 100

235 64.5 43.5 83.5

272 12.7 0.0 33.2



#42

2,4,6-Tribromophenol

Concen: 72.158 ng

RT: 16.057 min Scan# 2205

Delta R.T. -0.000 min

Lab File: BM044011.D

Acq: 07 Feb 2024 03:57

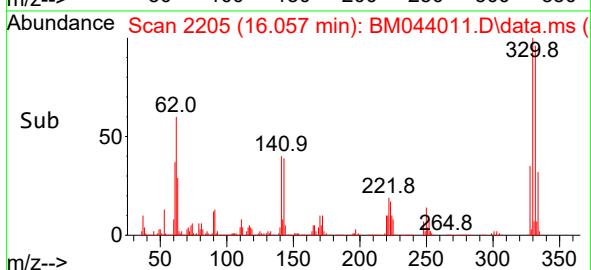
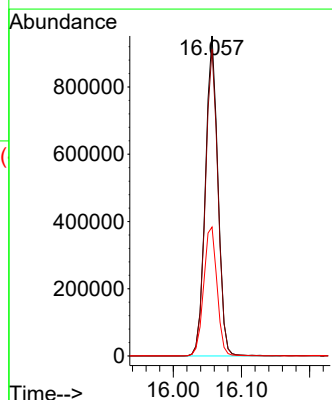
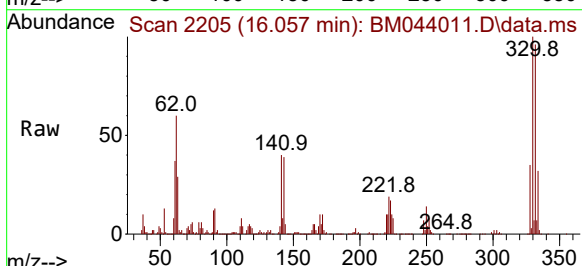
Tgt Ion:330 Resp: 1218025

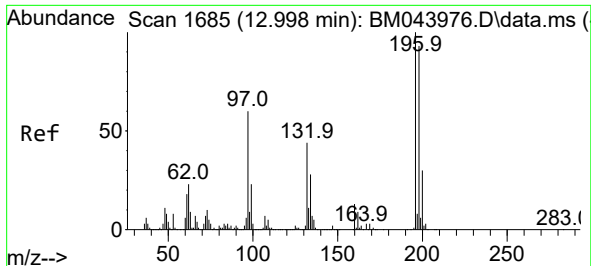
Ion Ratio Lower Upper

330 100

332 96.4 77.6 116.4

141 42.8 33.5 50.3

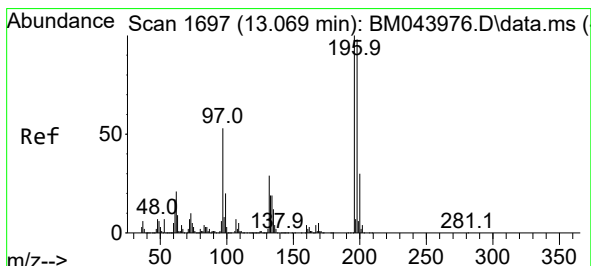
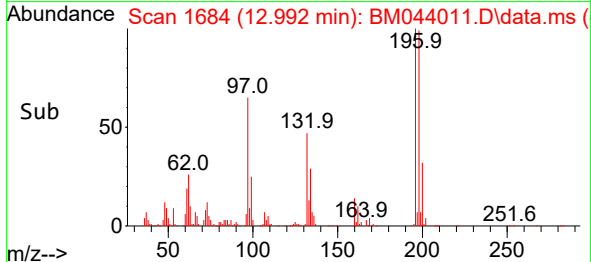
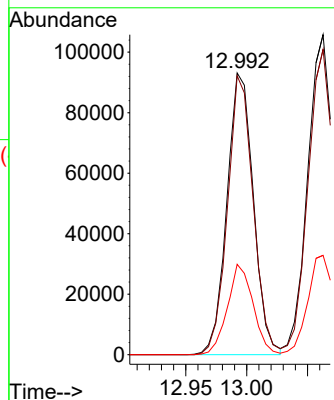
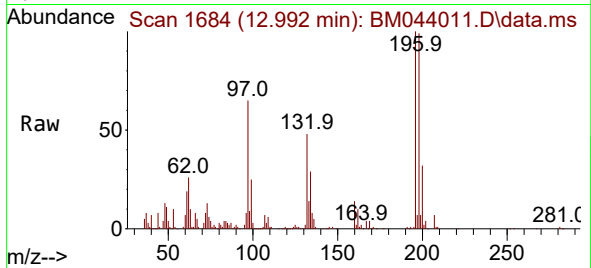




#43
2,4,6-Trichlorophenol
Concen: 5.320 ng
RT: 12.992 min Scan# 1684
Delta R.T. -0.006 min
Lab File: BM044011.D
Acq: 07 Feb 2024 03:57

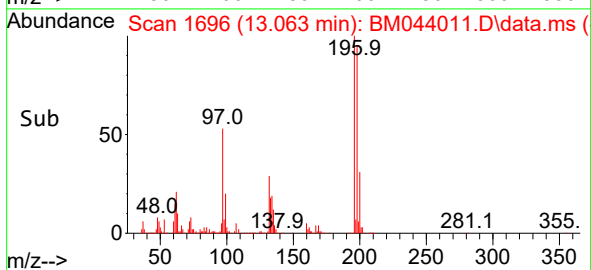
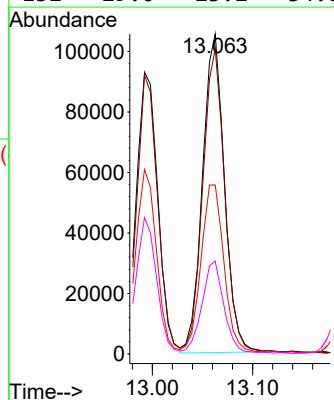
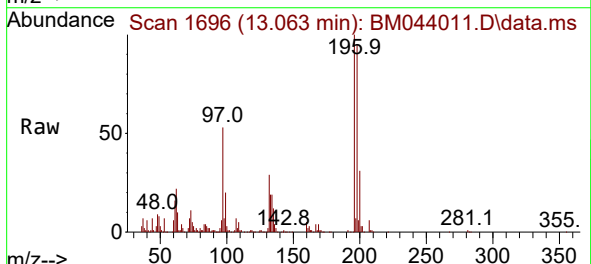
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

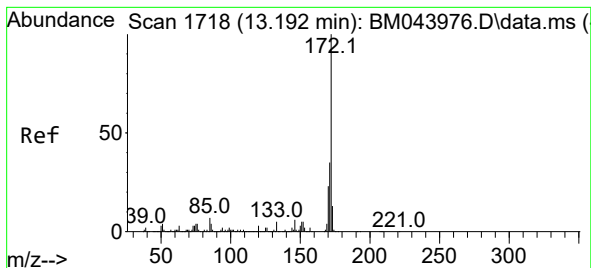
Tgt Ion:196 Resp: 141188
Ion Ratio Lower Upper
196 100
198 99.0 74.2 111.2
200 32.1 23.8 35.8



#44
2,4,5-Trichlorophenol
Concen: 5.310 ng
RT: 13.063 min Scan# 1696
Delta R.T. -0.006 min
Lab File: BM044011.D
Acq: 07 Feb 2024 03:57

Tgt Ion:196 Resp: 160782
Ion Ratio Lower Upper
196 100
198 95.4 78.1 117.1
97 52.8 42.2 63.2
132 29.0 23.2 34.8





#45

2-Fluorobiphenyl

Concen: 60.880 ng

RT: 13.192 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM044011.D

Acq: 07 Feb 2024 03:57

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

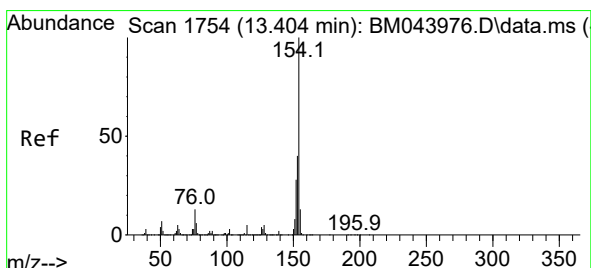
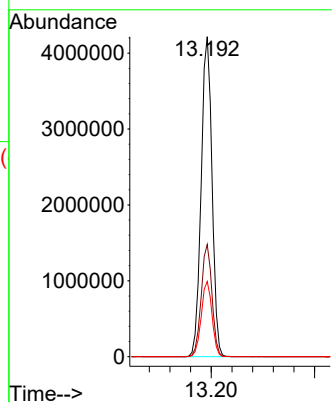
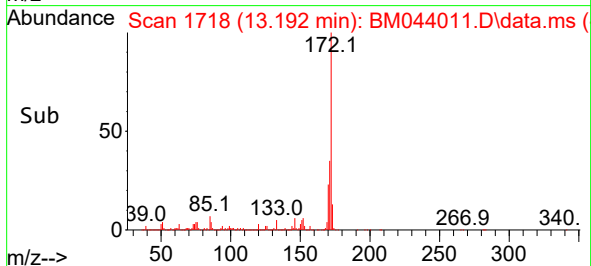
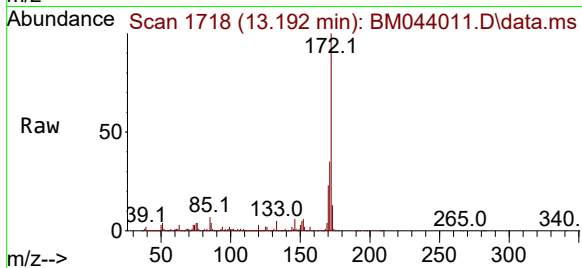
Tgt Ion:172 Resp: 6135316

Ion Ratio Lower Upper

172 100

171 35.0 27.9 41.9

170 23.5 18.6 28.0



#46

1,1'-Biphenyl

Concen: 6.120 ng

RT: 13.398 min Scan# 1753

Delta R.T. -0.006 min

Lab File: BM044011.D

Acq: 07 Feb 2024 03:57

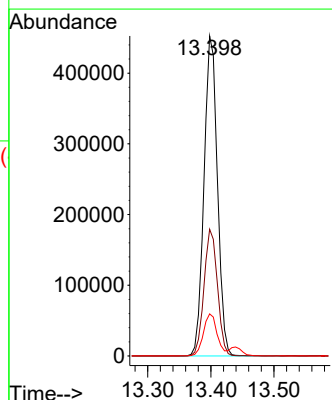
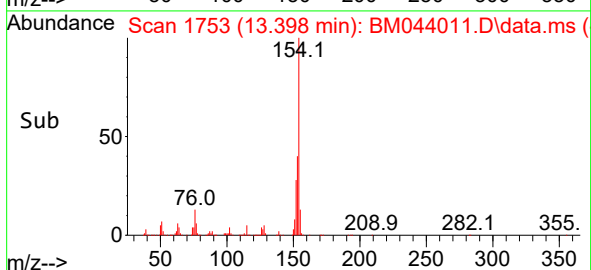
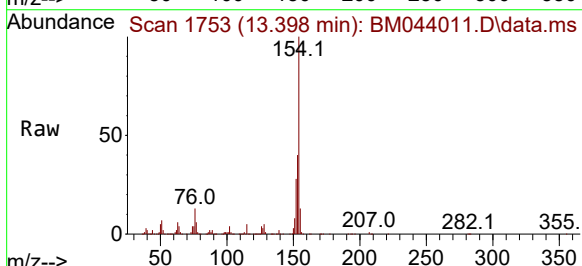
Tgt Ion:154 Resp: 666388

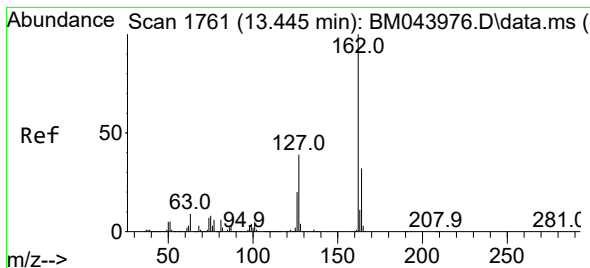
Ion Ratio Lower Upper

154 100

153 39.6 19.8 59.8

76 13.1 0.0 33.0

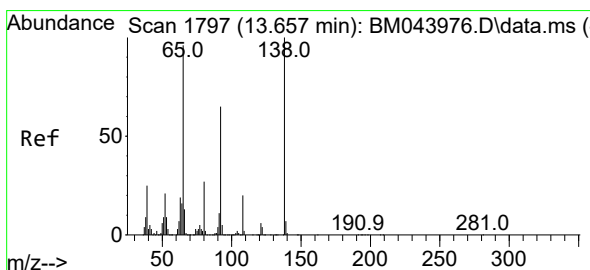
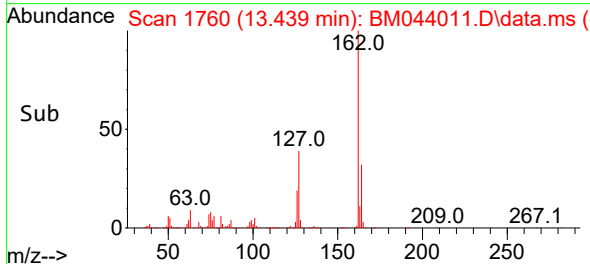
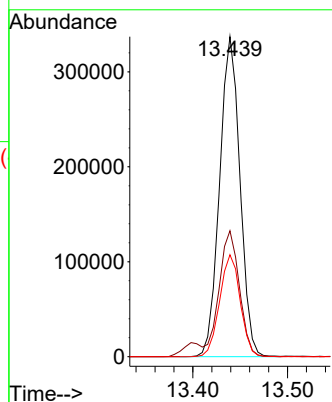
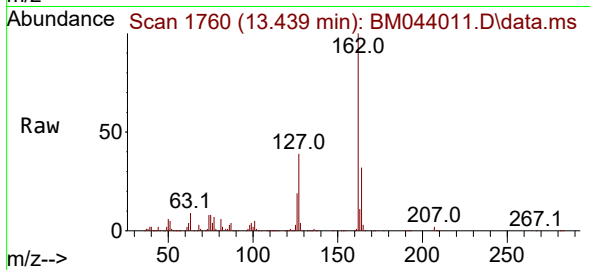




#47
2-Chloronaphthalene
Concen: 5.804 ng
RT: 13.439 min Scan# 1760
Delta R.T. -0.006 min
Lab File: BM044011.D
Acq: 07 Feb 2024 03:57

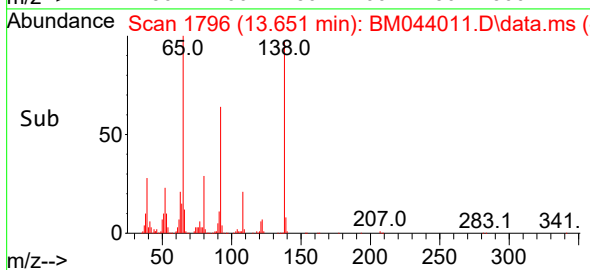
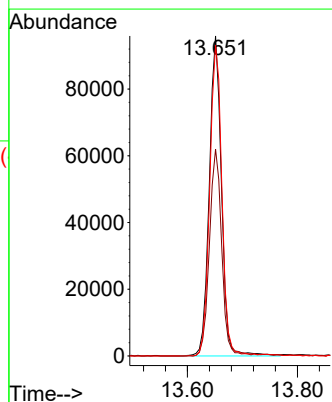
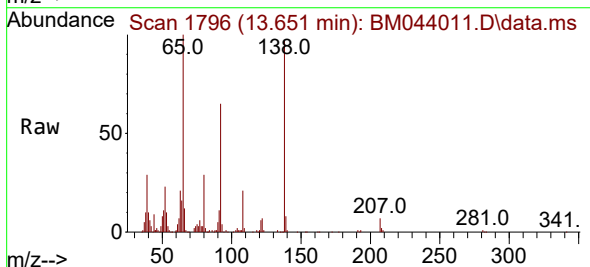
Instrument : BNA_M
ClientSampleId : LOD-MDL-WATER-01-QT4-2023

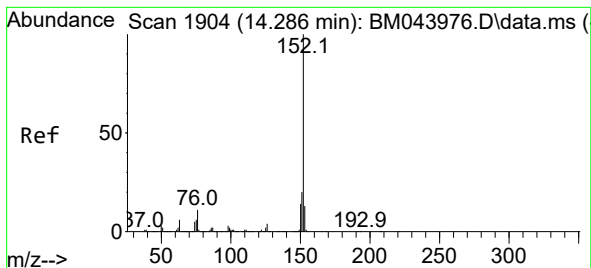
Tgt Ion:162 Resp: 504057
Ion Ratio Lower Upper
162 100
127 39.3 31.0 46.6
164 31.9 25.8 38.6



#48
2-Nitroaniline
Concen: 5.234 ng
RT: 13.651 min Scan# 1796
Delta R.T. -0.006 min
Lab File: BM044011.D
Acq: 07 Feb 2024 03:57

Tgt Ion: 65 Resp: 147844
Ion Ratio Lower Upper
65 100
92 64.6 53.6 80.4
138 97.2 83.0 124.6





#49

Acenaphthylene

Concen: 6.191 ng

RT: 14.286 min Scan# 1904

Delta R.T. 0.000 min

Lab File: BM044011.D

Acq: 07 Feb 2024 03:57

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

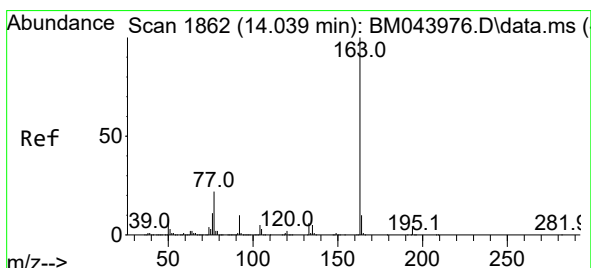
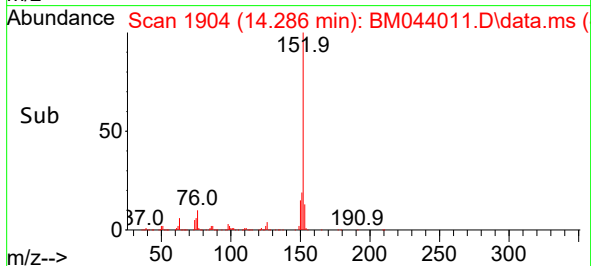
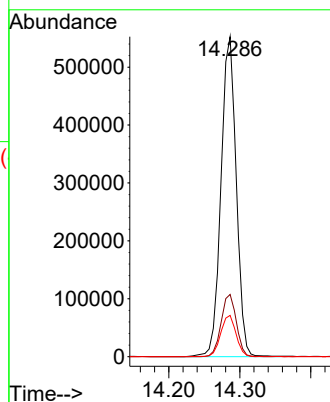
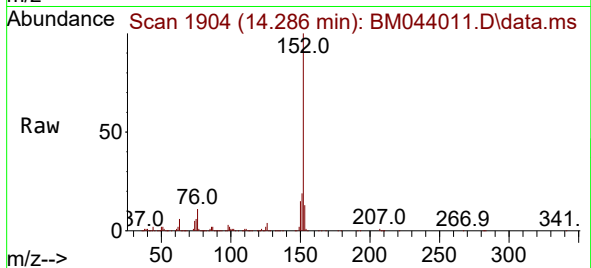
Tgt Ion:152 Resp: 821884

Ion Ratio Lower Upper

152 100

151 19.4 15.9 23.9

153 12.9 10.4 15.6



#50

Dimethylphthalate

Concen: 5.887 ng

RT: 14.033 min Scan# 1861

Delta R.T. -0.006 min

Lab File: BM044011.D

Acq: 07 Feb 2024 03:57

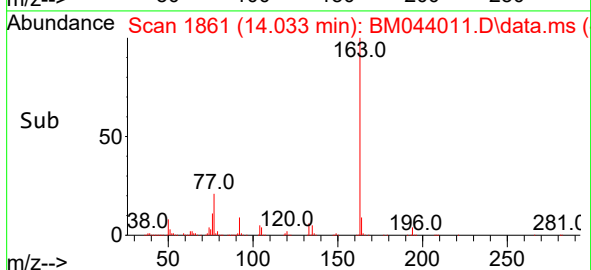
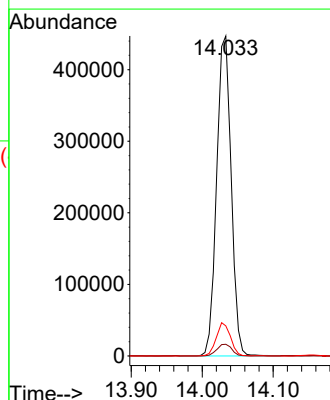
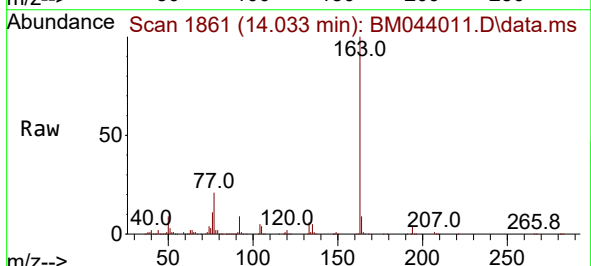
Tgt Ion:163 Resp: 633200

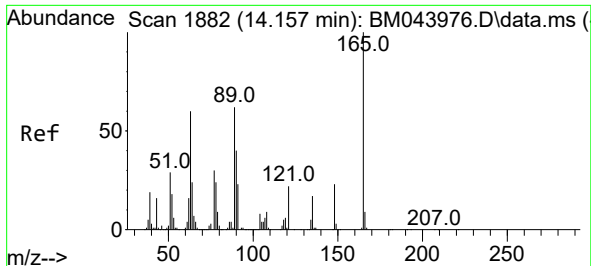
Ion Ratio Lower Upper

163 100

194 3.6 3.1 4.7

164 9.4 8.0 12.0





#51

2,6-Dinitrotoluene

Concen: 5.223 ng

RT: 14.151 min Scan# 1882

Delta R.T. -0.006 min

Lab File: BM044011.D

Acq: 07 Feb 2024 03:57

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

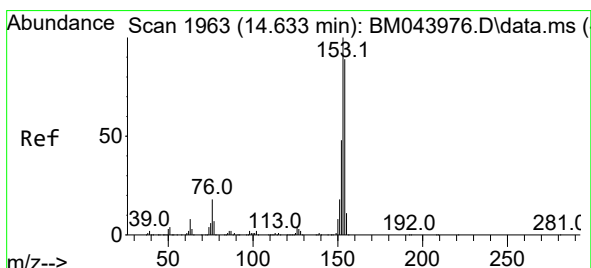
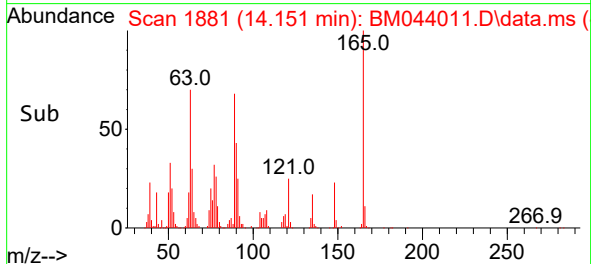
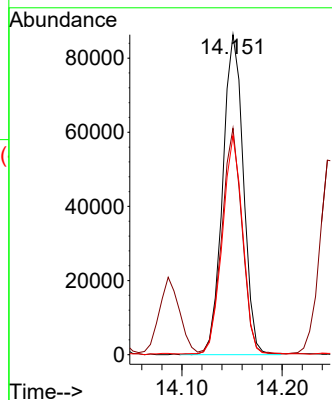
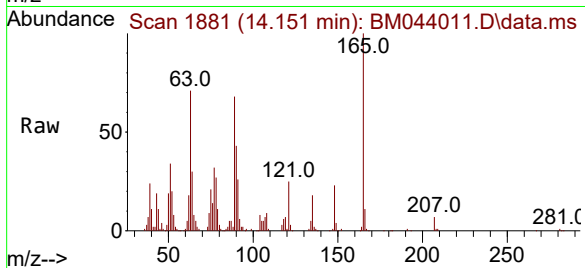
Tgt Ion:165 Resp: 123478

Ion Ratio Lower Upper

165 100

63 70.8 51.1 76.7

89 68.5 49.5 74.3



#52

Acenaphthene

Concen: 5.701 ng

RT: 14.627 min Scan# 1962

Delta R.T. -0.006 min

Lab File: BM044011.D

Acq: 07 Feb 2024 03:57

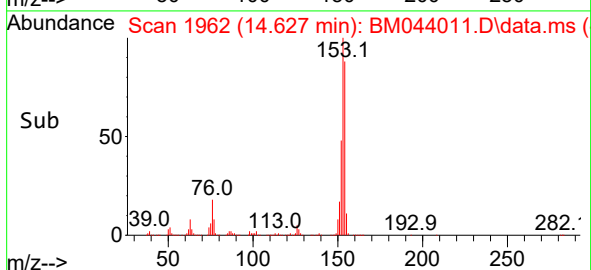
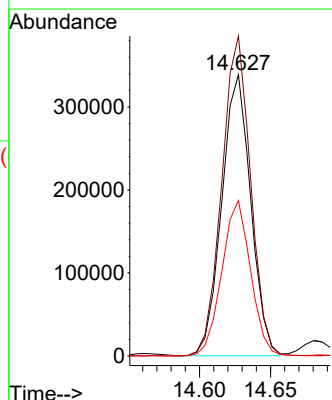
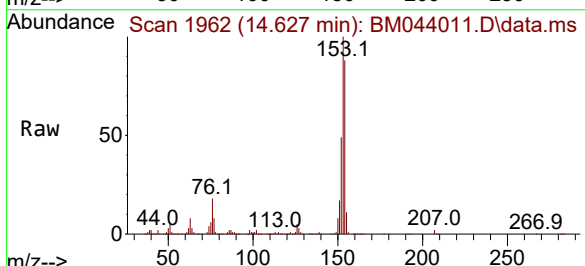
Tgt Ion:154 Resp: 479794

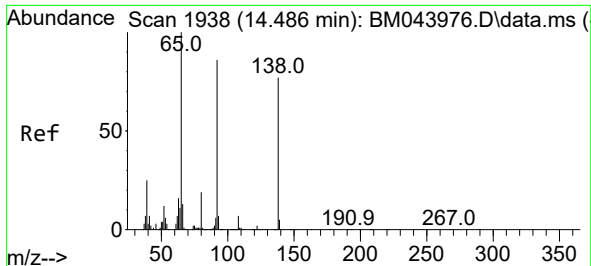
Ion Ratio Lower Upper

154 100

153 113.7 90.1 135.1

152 55.2 43.6 65.4

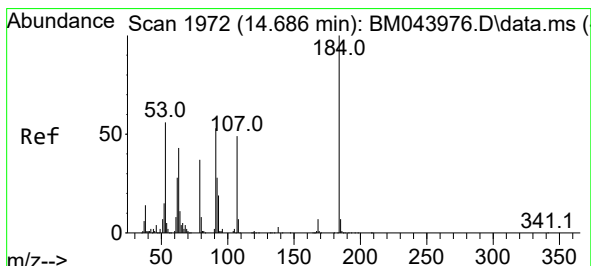
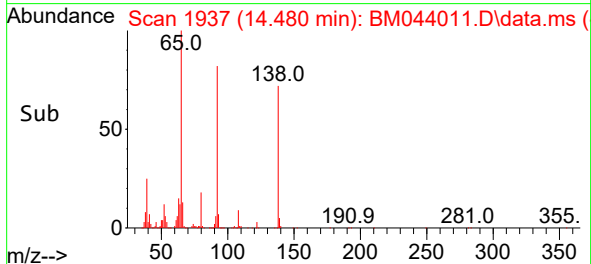
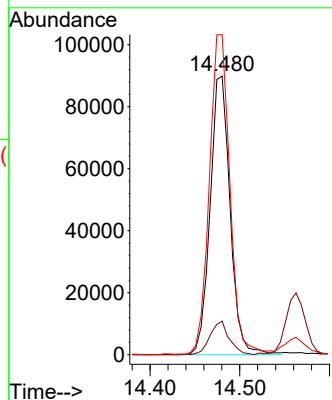
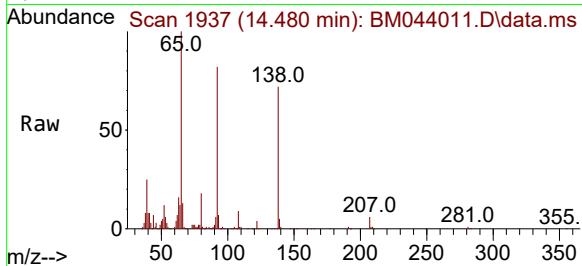




#53
3-Nitroaniline
Concen: 5.070 ng
RT: 14.480 min Scan# 1937
Delta R.T. -0.006 min
Lab File: BM044011.D
Acq: 07 Feb 2024 03:57

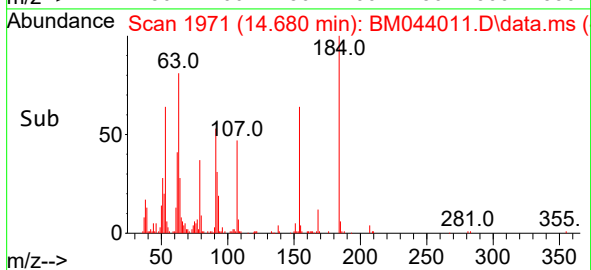
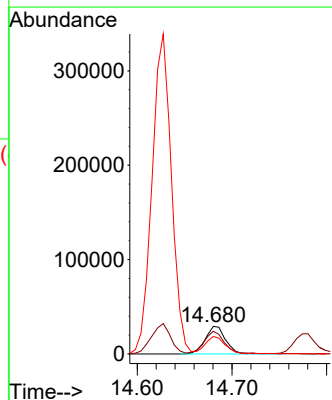
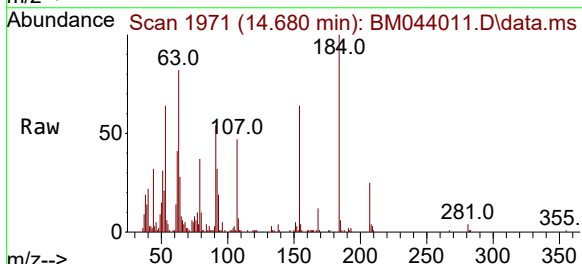
Instrument : BNA_M
ClientSampleId : LOD-MDL-WATER-01-QT4-2023

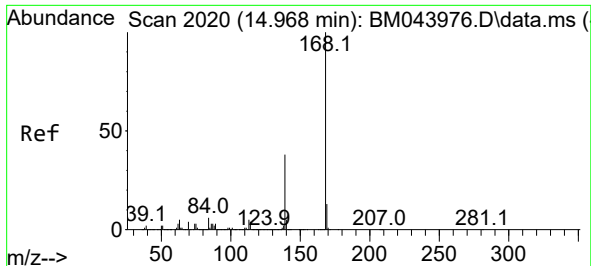
Tgt Ion:138 Resp: 139155
Ion Ratio Lower Upper
138 100
108 12.1 7.8 11.6#
92 114.9 89.7 134.5



#54
2,4-Dinitrophenol
Concen: 10.126 ng
RT: 14.680 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BM044011.D
Acq: 07 Feb 2024 03:57

Tgt Ion:184 Resp: 43719
Ion Ratio Lower Upper
184 100
63 82.4 62.8 94.2
154 63.7 51.4 77.2

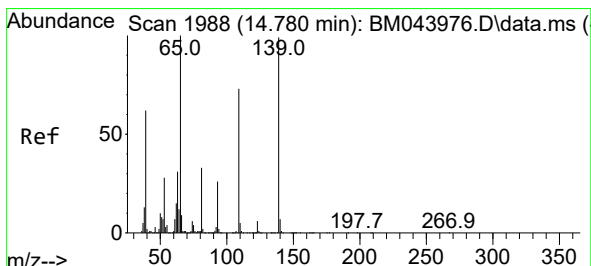
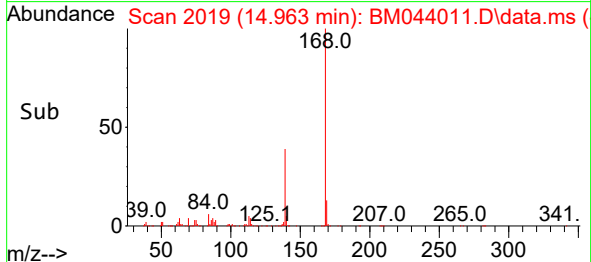
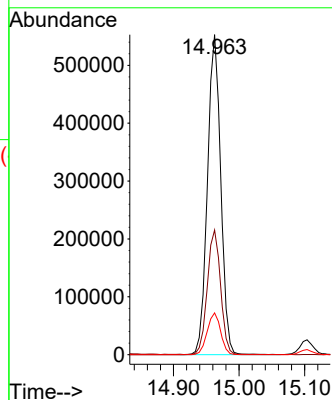
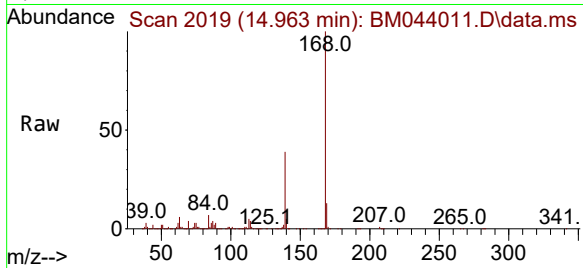




#55
Dibenzofuran
Concen: 5.950 ng
RT: 14.963 min Scan# 20
Delta R.T. -0.006 min
Lab File: BM044011.D
Acq: 07 Feb 2024 03:57

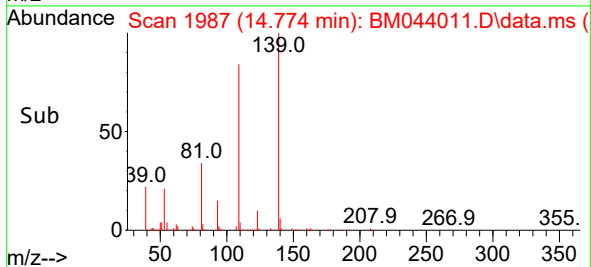
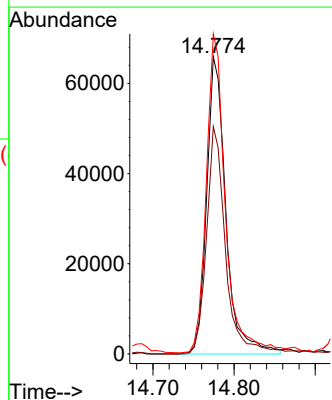
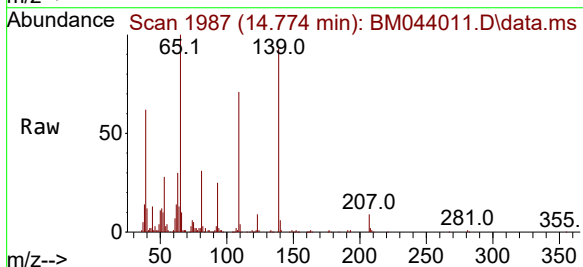
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

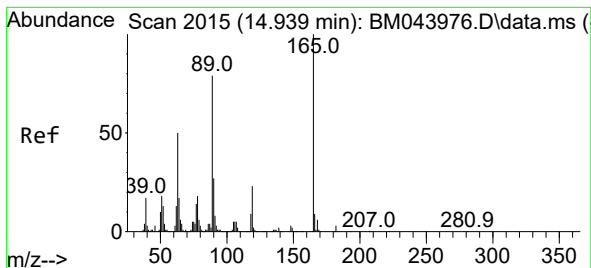
Tgt Ion:168 Resp: 779224
Ion Ratio Lower Upper
168 100
139 39.0 30.7 46.1
169 13.0 10.5 15.7



#56
4-Nitrophenol
Concen: 4.519 ng
RT: 14.774 min Scan# 1987
Delta R.T. -0.006 min
Lab File: BM044011.D
Acq: 07 Feb 2024 03:57

Tgt Ion:139 Resp: 108403
Ion Ratio Lower Upper
139 100
109 76.5 53.2 93.2
65 107.7 80.7 120.7





#57

2,4-Dinitrotoluene

Concen: 4.835 ng

RT: 14.933 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BM044011.D

Acq: 07 Feb 2024 03:57

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

Tgt Ion:165 Resp: 159130

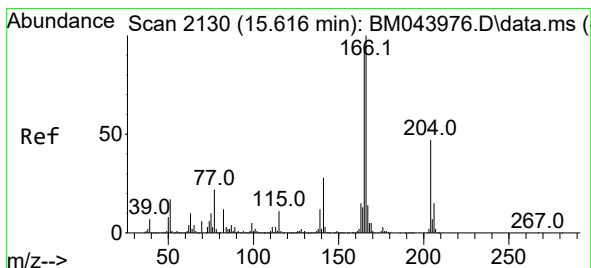
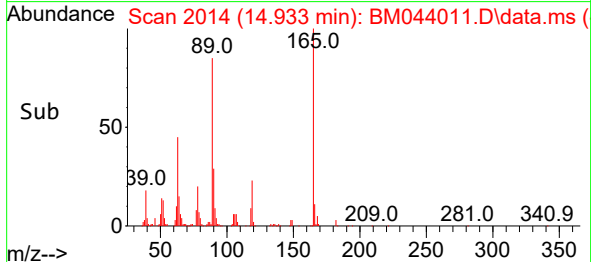
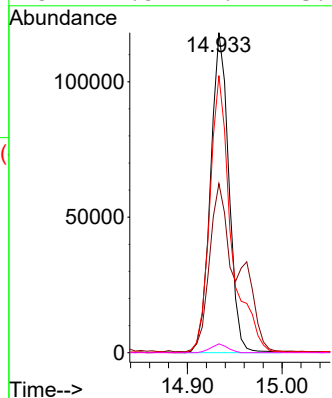
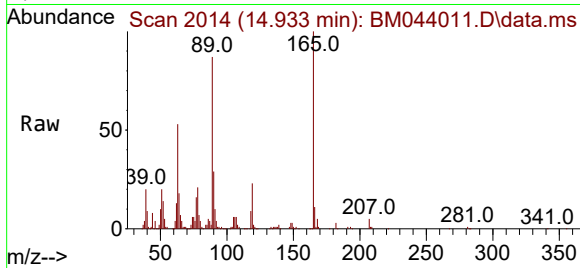
Ion Ratio Lower Upper

165 100

63 52.8 40.2 60.4

89 86.6 63.3 94.9

182 2.8 2.1 3.1



#58

Fluorene

Concen: 5.696 ng

RT: 15.616 min Scan# 2130

Delta R.T. 0.000 min

Lab File: BM044011.D

Acq: 07 Feb 2024 03:57

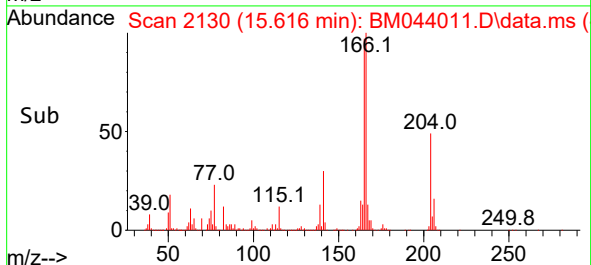
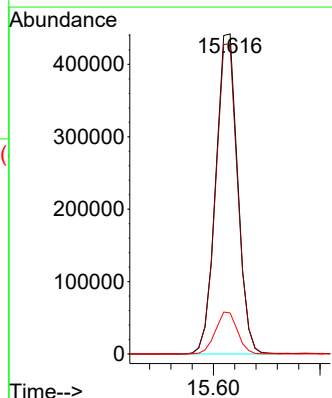
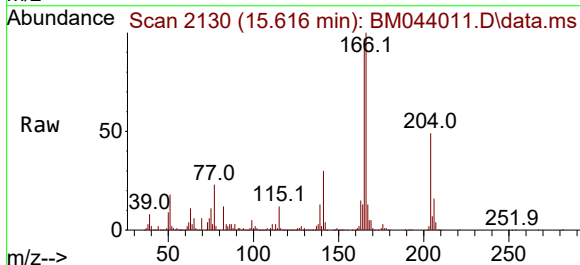
Tgt Ion:166 Resp: 630011

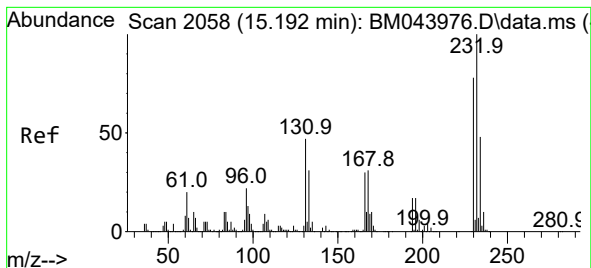
Ion Ratio Lower Upper

166 100

165 96.9 76.3 114.5

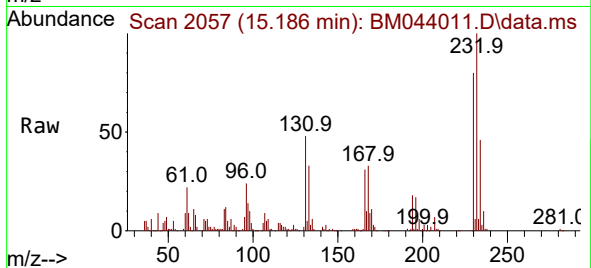
167 12.8 10.9 16.3



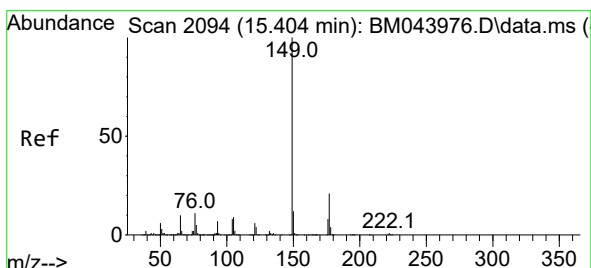
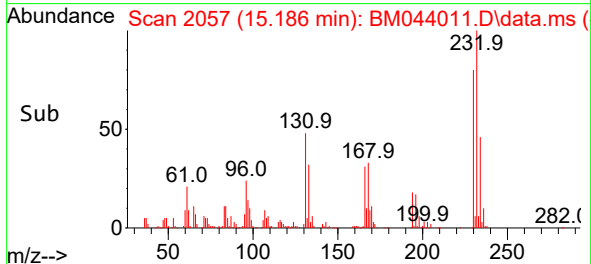
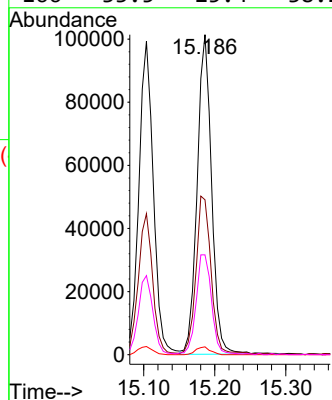


#59
2,3,4,6-Tetrachlorophenol
Concen: 5.511 ng
RT: 15.186 min Scan# 2057
Delta R.T. -0.006 min
Lab File: BM044011.D
Acq: 07 Feb 2024 03:57

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

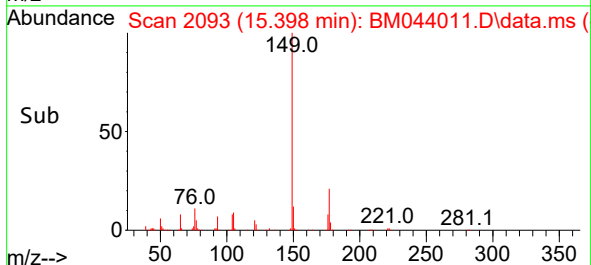
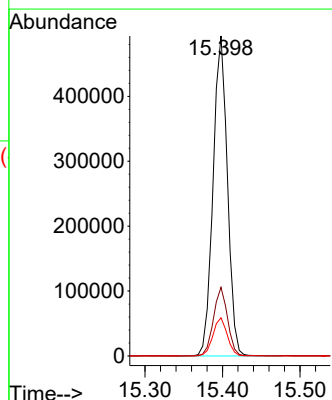
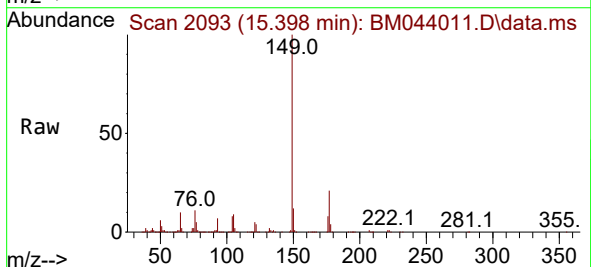


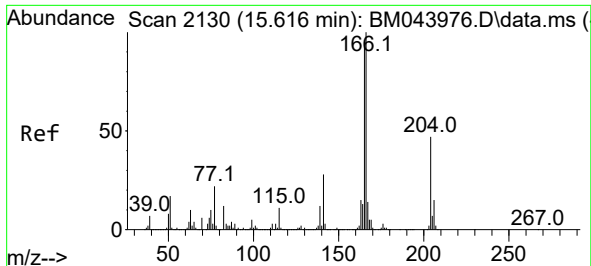
Tgt Ion:232 Resp: 143873
Ion Ratio Lower Upper
232 100
131 51.0 39.8 59.6
130 2.4 2.0 3.0
166 33.5 25.4 38.2



#60
Diethylphthalate
Concen: 5.692 ng
RT: 15.398 min Scan# 2093
Delta R.T. -0.006 min
Lab File: BM044011.D
Acq: 07 Feb 2024 03:57

Tgt Ion:149 Resp: 633842
Ion Ratio Lower Upper
149 100
177 21.5 17.1 25.7
150 11.9 9.8 14.6

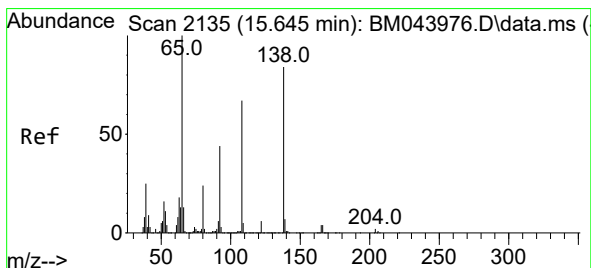
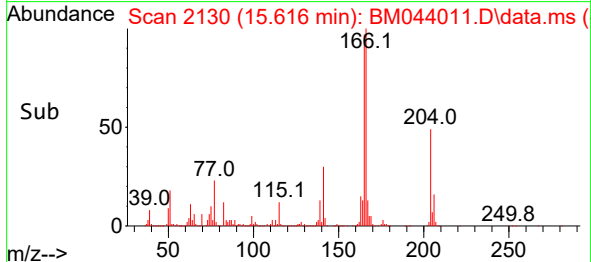
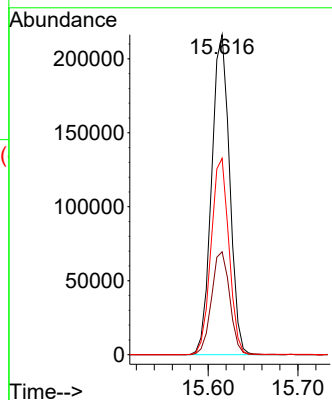
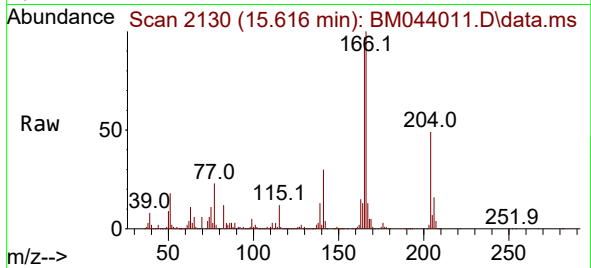




#61
4-Chlorophenyl-phenylether
Concen: 5.838 ng
RT: 15.616 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BM044011.D
Acq: 07 Feb 2024 03:57

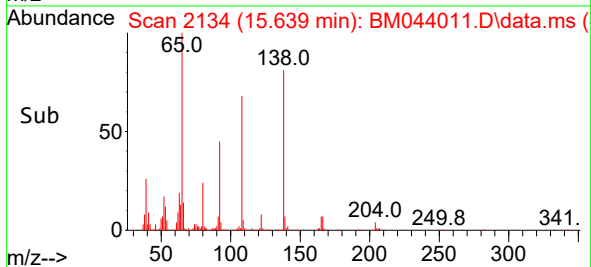
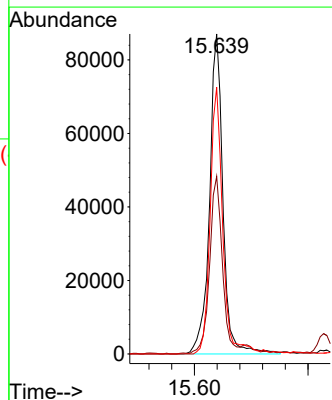
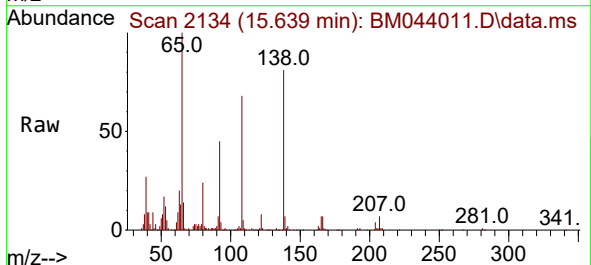
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

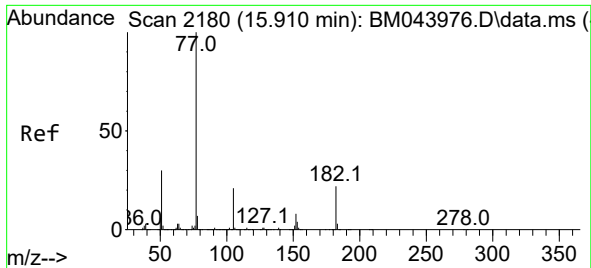
Tgt Ion:204 Resp: 301242
Ion Ratio Lower Upper
204 100
206 32.1 26.2 39.2
141 61.4 48.6 72.8



#62
4-Nitroaniline
Concen: 4.762 ng
RT: 15.639 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BM044011.D
Acq: 07 Feb 2024 03:57

Tgt Ion:138 Resp: 142921
Ion Ratio Lower Upper
138 100
92 55.5 32.7 72.7
108 83.4 60.0 100.0

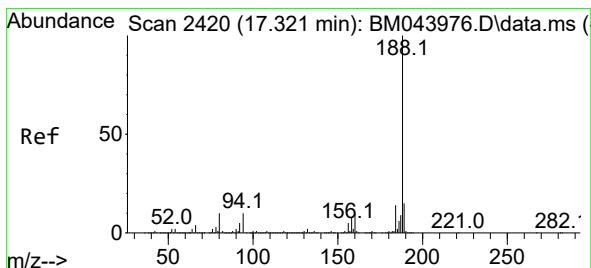
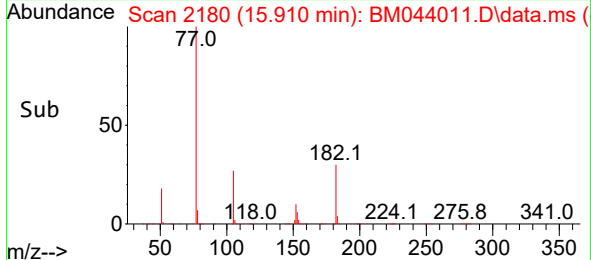
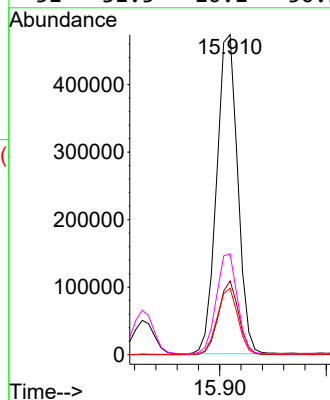
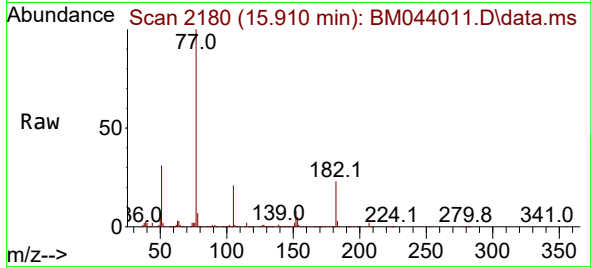




#63
Azobenzene
Concen: 5.830 ng
RT: 15.910 min Scan# 2180
Delta R.T. 0.000 min
Lab File: BM044011.D
Acq: 07 Feb 2024 03:57

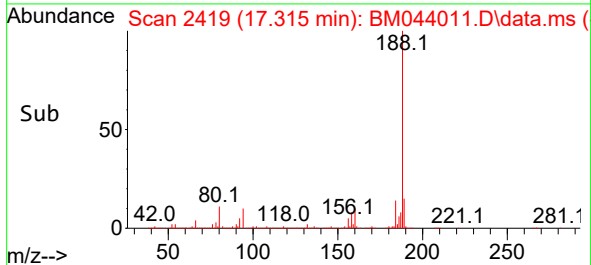
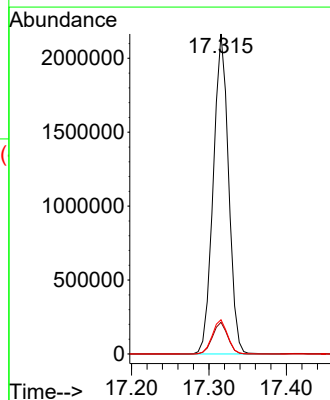
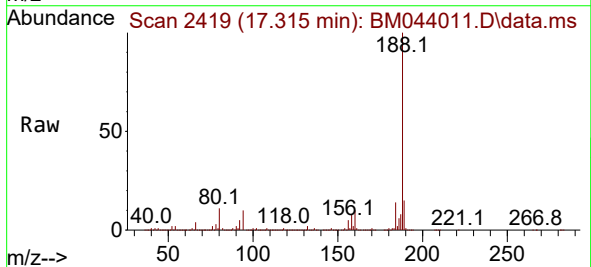
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

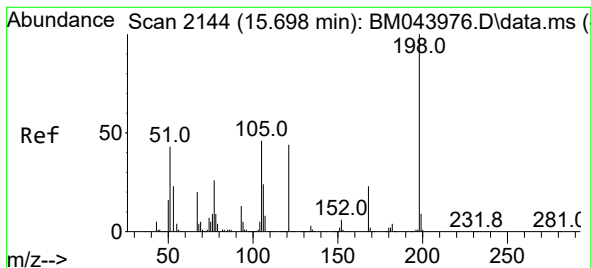
Tgt Ion: 77 Resp: 648343
Ion Ratio Lower Upper
77 100
182 23.0 2.0 42.0
105 20.8 0.5 40.5
51 31.5 10.1 50.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.315 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BM044011.D
Acq: 07 Feb 2024 03:57

Tgt Ion:188 Resp: 2970437
Ion Ratio Lower Upper
188 100
94 9.9 7.7 11.5
80 10.7 8.2 12.4

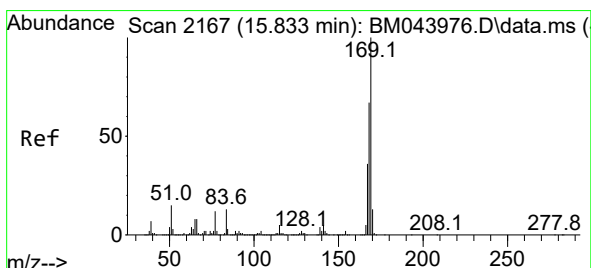
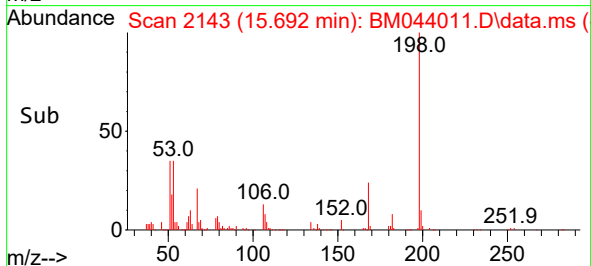
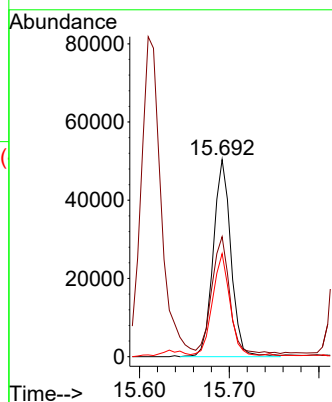
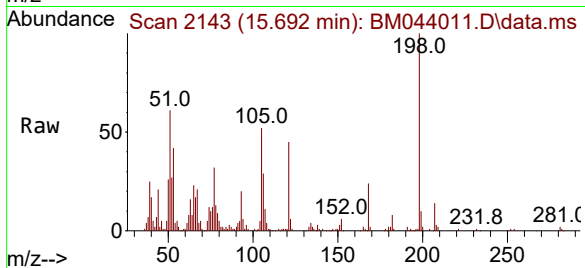




#65
4,6-Dinitro-2-methylphenol
Concen: 9.480 ng
RT: 15.692 min Scan# 2143
Delta R.T. -0.006 min
Lab File: BM044011.D
Acq: 07 Feb 2024 03:57

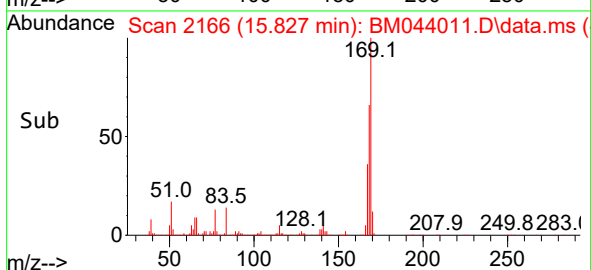
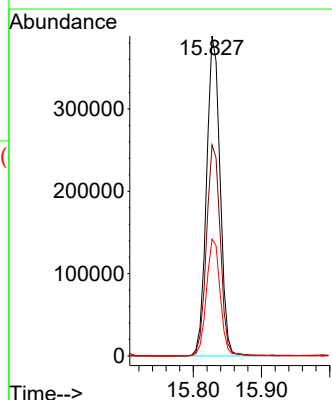
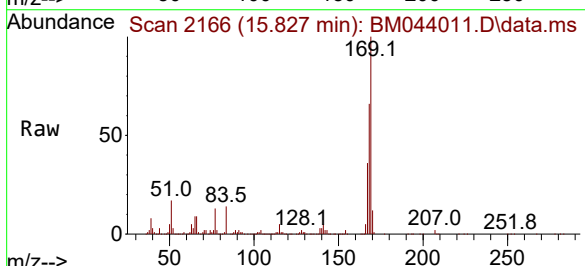
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

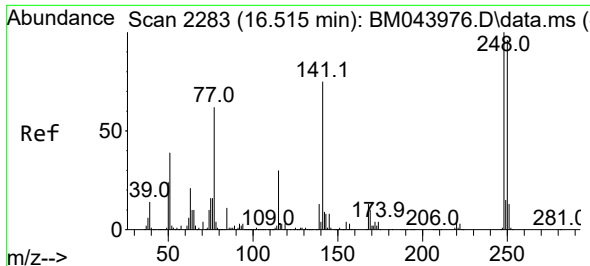
Tgt Ion:198 Resp: 69138
Ion Ratio Lower Upper
198 100
51 60.9 31.9 71.9
105 52.3 28.1 68.1



#66
n-Nitrosodiphenylamine
Concen: 6.078 ng
RT: 15.827 min Scan# 2166
Delta R.T. -0.006 min
Lab File: BM044011.D
Acq: 07 Feb 2024 03:57

Tgt Ion:169 Resp: 537769
Ion Ratio Lower Upper
169 100
168 66.0 53.4 80.2
167 36.5 29.0 43.4

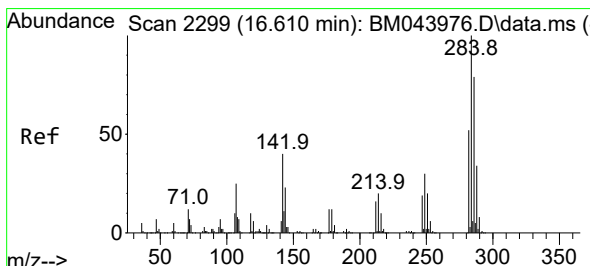
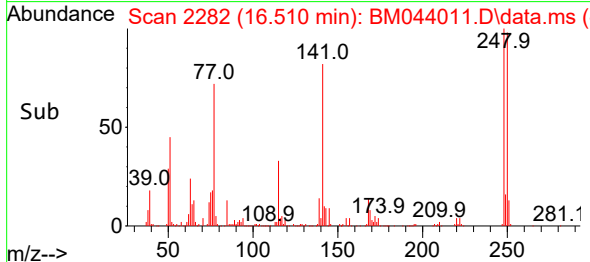
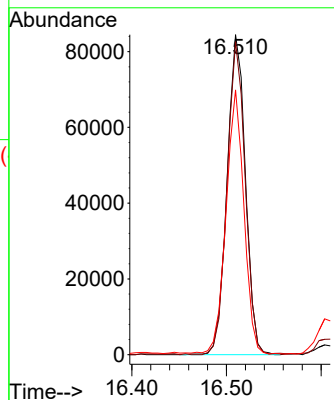
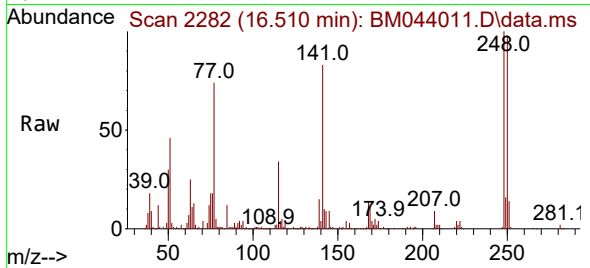




#67
4-Bromophenyl-phenylether
Concen: 3.899 ng
RT: 16.510 min Scan# 2111
Delta R.T. -0.005 min
Lab File: BM044011.D
Acq: 07 Feb 2024 03:57

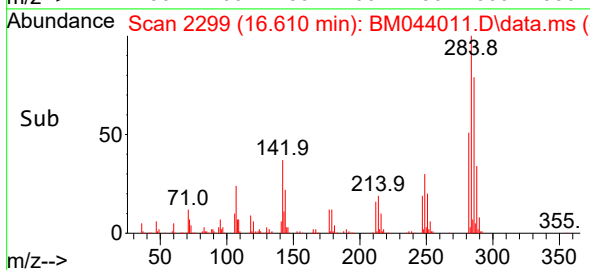
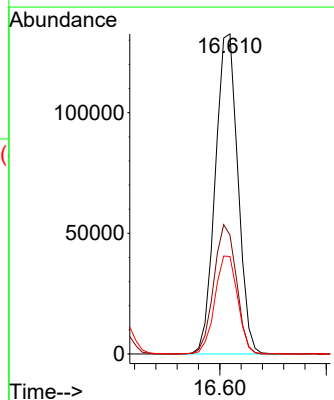
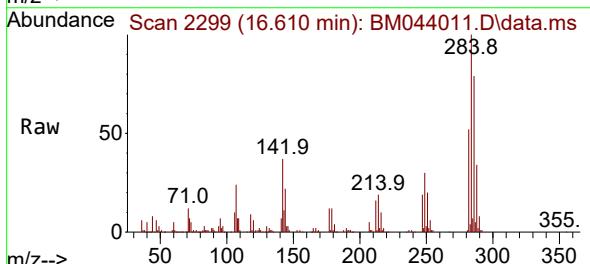
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

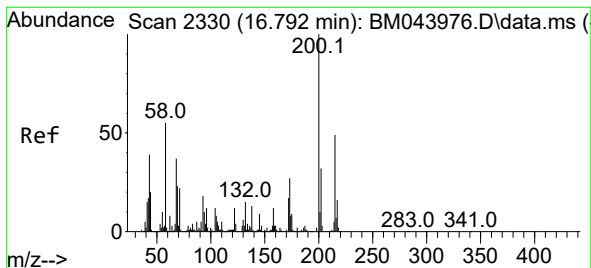
Tgt Ion:248 Resp: 114101
Ion Ratio Lower Upper
248 100
250 97.8 77.0 115.4
141 82.7 59.9 89.9



#68
Hexachlorobenzene
Concen: 5.594 ng
RT: 16.610 min Scan# 2299
Delta R.T. 0.000 min
Lab File: BM044011.D
Acq: 07 Feb 2024 03:57

Tgt Ion:284 Resp: 195157
Ion Ratio Lower Upper
284 100
142 37.2 32.2 48.4
249 30.4 24.4 36.6





#69

Atrazine

Concen: 7.023 ng

RT: 16.786 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM044011.D

Acq: 07 Feb 2024 03:57

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

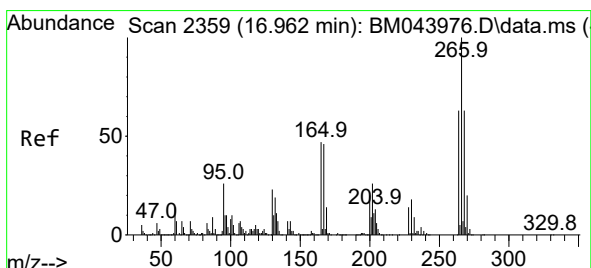
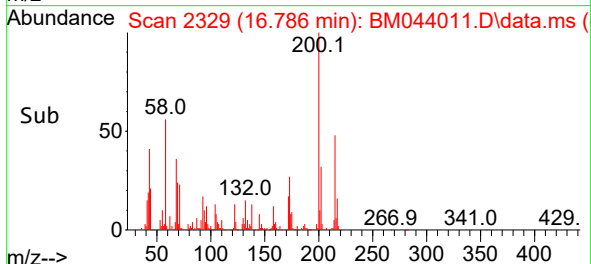
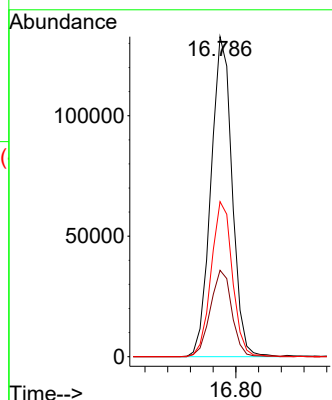
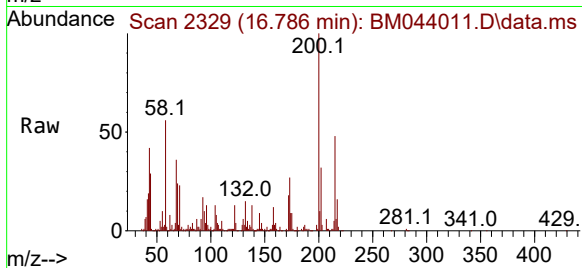
Tgt Ion:200 Resp: 171917

Ion Ratio Lower Upper

200 100

173 27.0 7.3 47.3

215 48.4 28.7 68.7



#70

Pentachlorophenol

Concen: 4.266 ng

RT: 16.957 min Scan# 2358

Delta R.T. -0.005 min

Lab File: BM044011.D

Acq: 07 Feb 2024 03:57

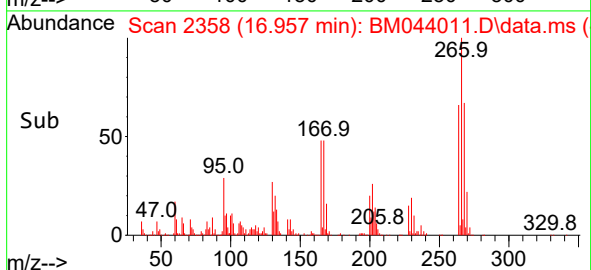
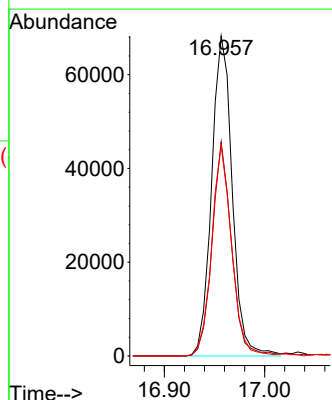
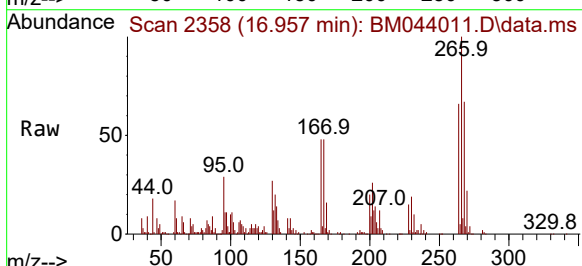
Tgt Ion:266 Resp: 97737

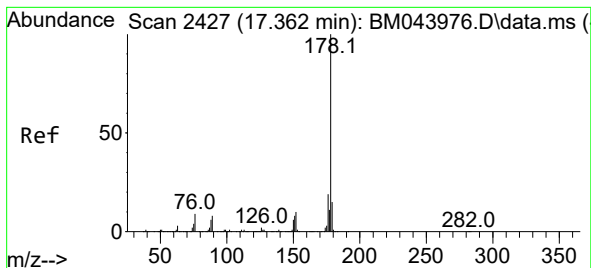
Ion Ratio Lower Upper

266 100

268 66.9 50.6 76.0

264 65.7 50.6 76.0





#71

Phenanthrene

Concen: 6.013 ng

RT: 17.357 min Scan# 2426

Delta R.T. -0.006 min

Lab File: BM044011.D

Acq: 07 Feb 2024 03:57

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

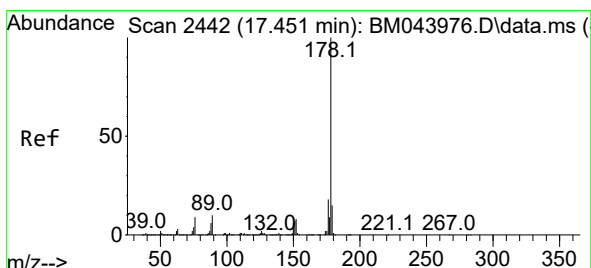
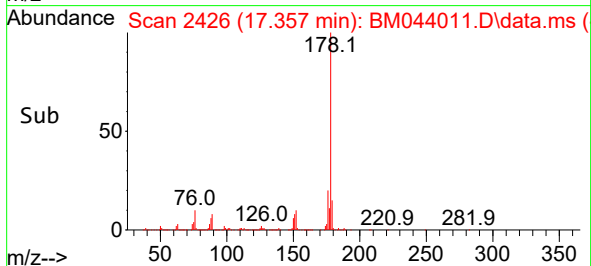
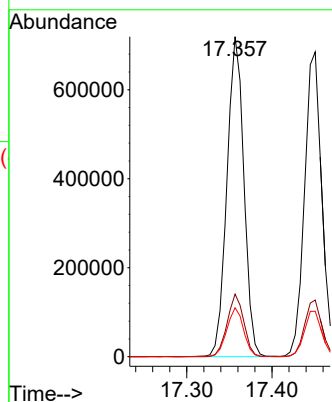
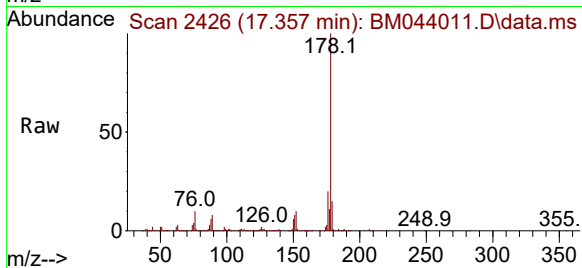
Tgt Ion:178 Resp: 994829

Ion Ratio Lower Upper

178 100

176 19.6 15.3 22.9

179 15.3 12.4 18.6



#72

Anthracene

Concen: 5.984 ng

RT: 17.451 min Scan# 2442

Delta R.T. 0.000 min

Lab File: BM044011.D

Acq: 07 Feb 2024 03:57

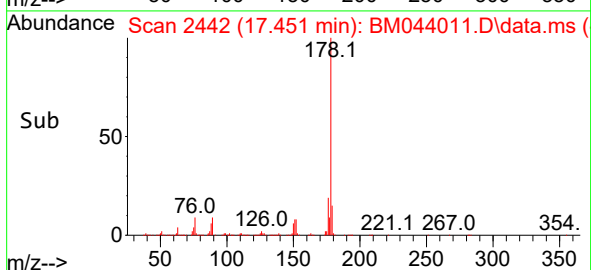
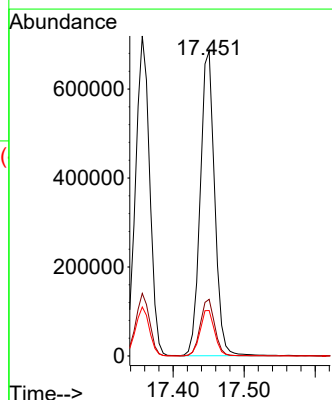
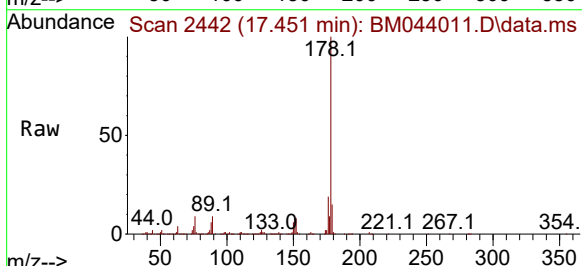
Tgt Ion:178 Resp: 969219

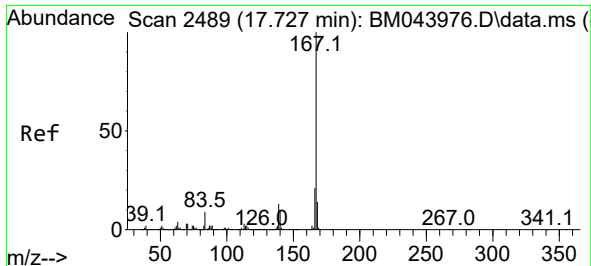
Ion Ratio Lower Upper

178 100

176 18.6 14.6 22.0

179 14.9 12.2 18.4

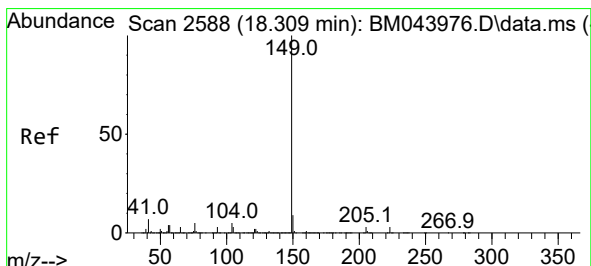
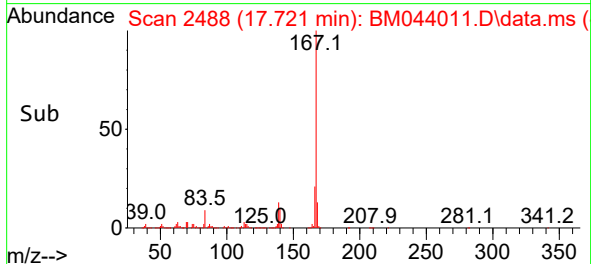
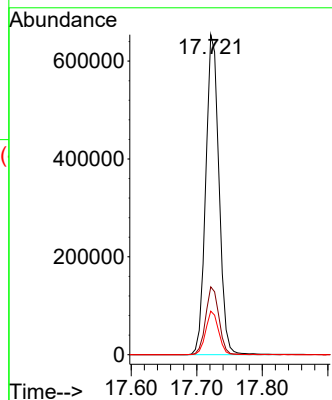
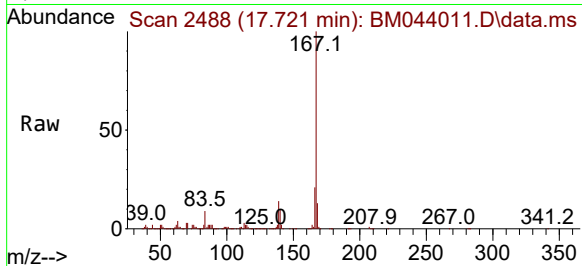




#73
Carbazole
Concen: 5.484 ng
RT: 17.721 min Scan# 2488
Delta R.T. -0.006 min
Lab File: BM044011.D
Acq: 07 Feb 2024 03:57

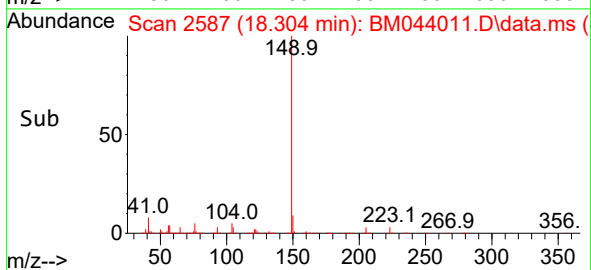
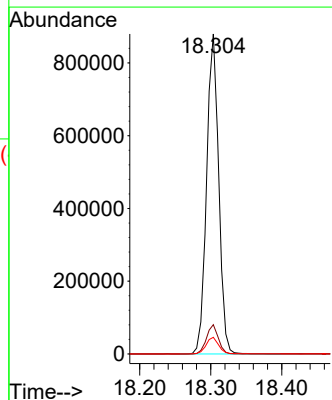
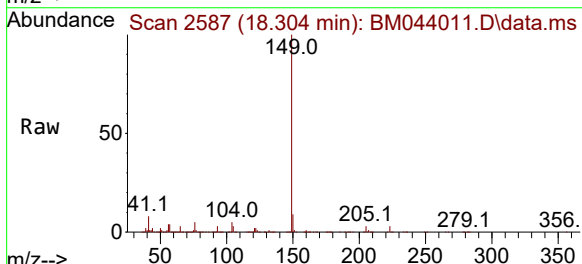
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

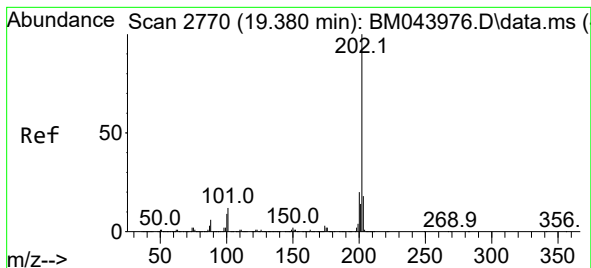
Tgt Ion:167 Resp: 920040
Ion Ratio Lower Upper
167 100
166 21.2 17.1 25.7
139 13.6 10.6 15.8



#74
Di-n-butylphthalate
Concen: 5.669 ng
RT: 18.304 min Scan# 2587
Delta R.T. -0.005 min
Lab File: BM044011.D
Acq: 07 Feb 2024 03:57

Tgt Ion:149 Resp: 1042857
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.0
104 5.2 4.1 6.1





#75

Fluoranthene

Concen: 5.370 ng

RT: 19.374 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM044011.D

Acq: 07 Feb 2024 03:57

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

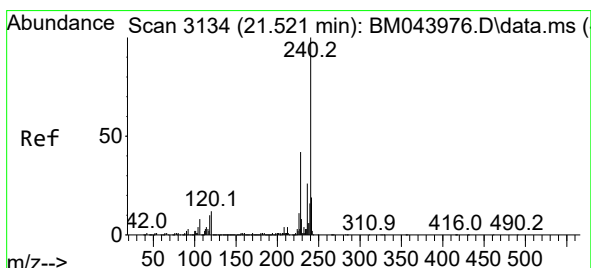
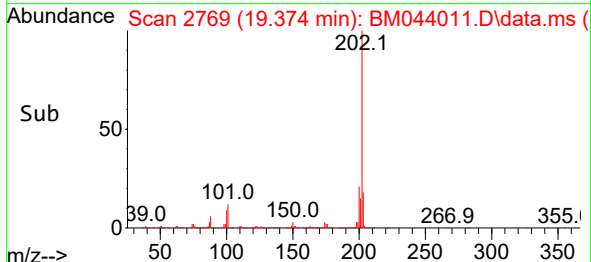
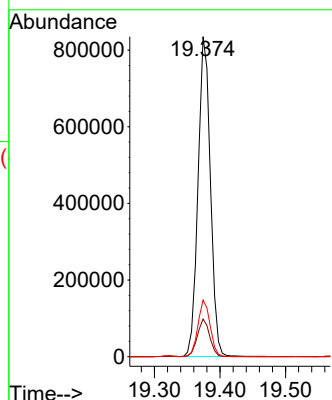
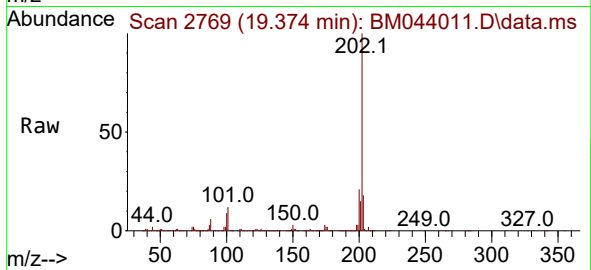
Tgt Ion:202 Resp: 1098712

Ion Ratio Lower Upper

202 100

101 11.8 0.0 31.9

203 17.7 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.515 min Scan# 3133

Delta R.T. -0.006 min

Lab File: BM044011.D

Acq: 07 Feb 2024 03:57

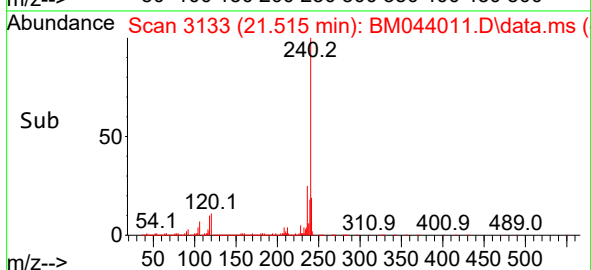
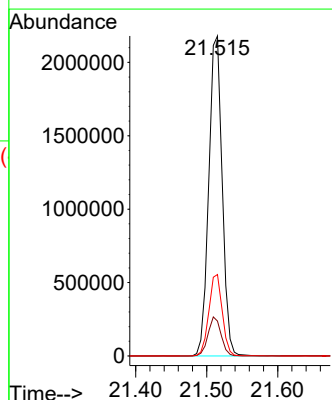
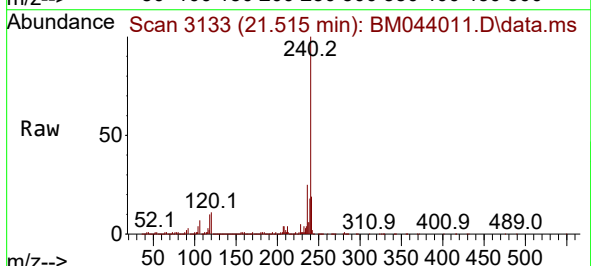
Tgt Ion:240 Resp: 2867970

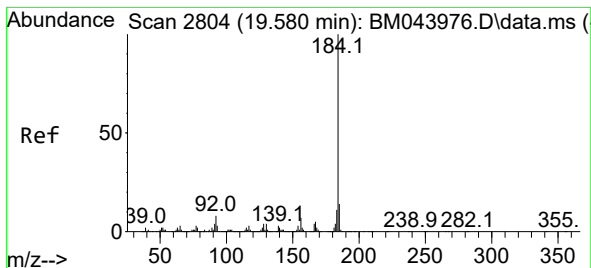
Ion Ratio Lower Upper

240 100

120 10.9 9.3 13.9

236 25.4 20.5 30.7





#77

Benzidine

Concen: 13.331 ng

RT: 19.574 min Scan# 2803

Delta R.T. -0.006 min

Lab File: BM044011.D

Acq: 07 Feb 2024 03:57

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

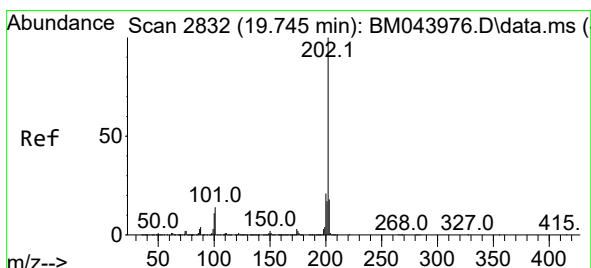
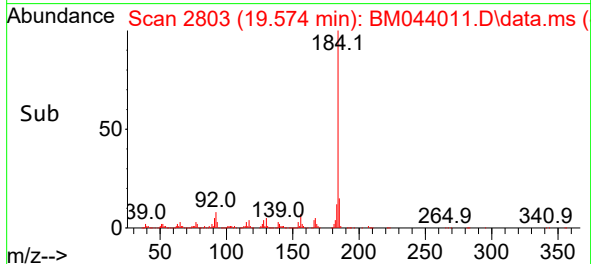
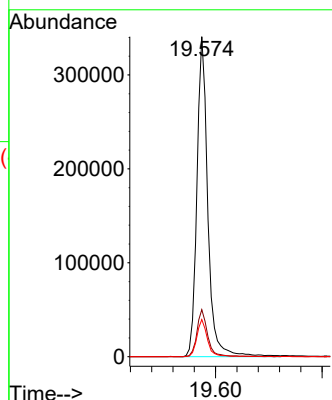
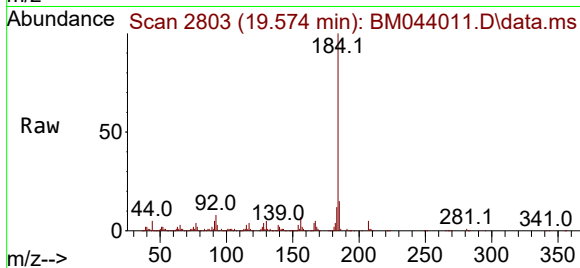
Tgt Ion:184 Resp: 485083

Ion Ratio Lower Upper

184 100

185 14.7 11.5 17.3

183 11.6 8.9 13.3



#78

Pyrene

Concen: 5.949 ng

RT: 19.739 min Scan# 2831

Delta R.T. -0.006 min

Lab File: BM044011.D

Acq: 07 Feb 2024 03:57

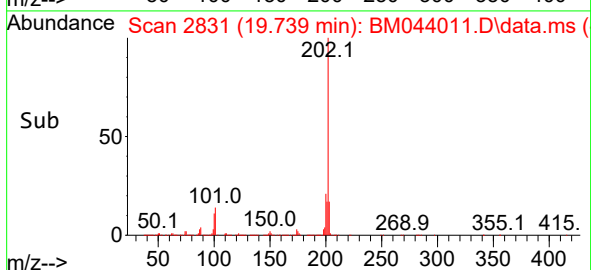
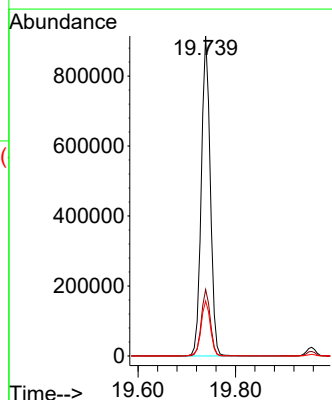
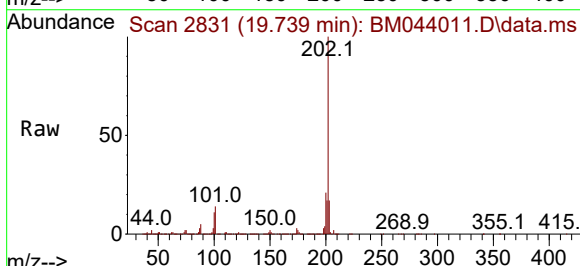
Tgt Ion:202 Resp: 1172845

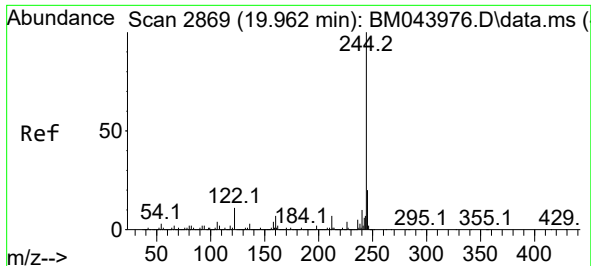
Ion Ratio Lower Upper

202 100

200 20.7 16.8 25.2

203 17.2 14.2 21.4

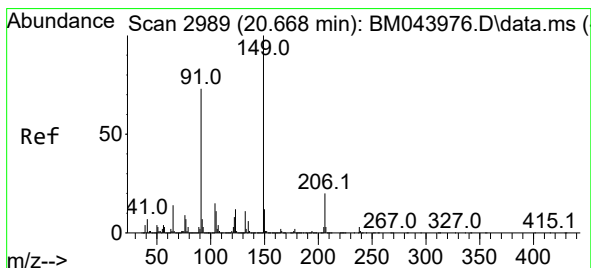
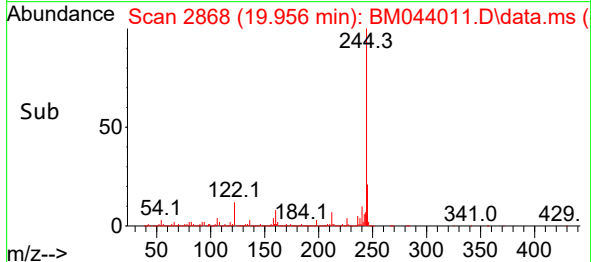
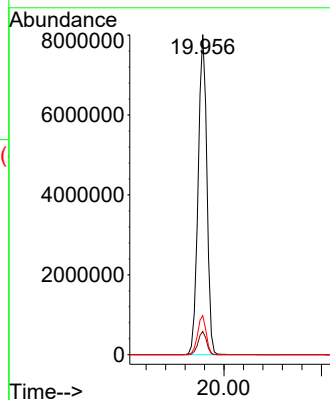
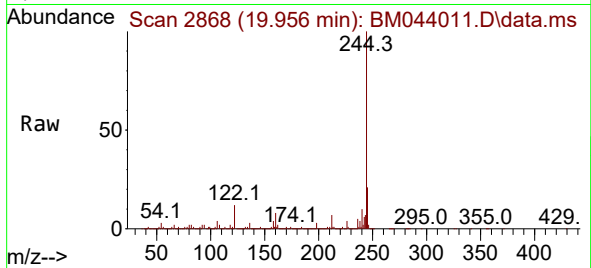




#79
 Terphenyl-d14
 Concen: 67.481 ng
 RT: 19.956 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM044011.D
 Acq: 07 Feb 2024 03:57

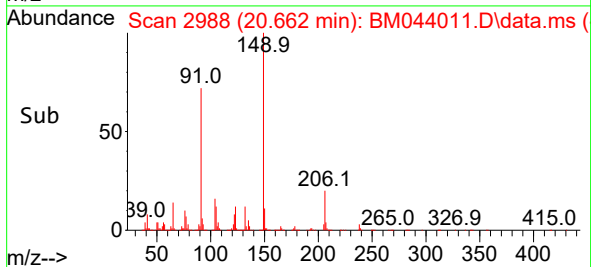
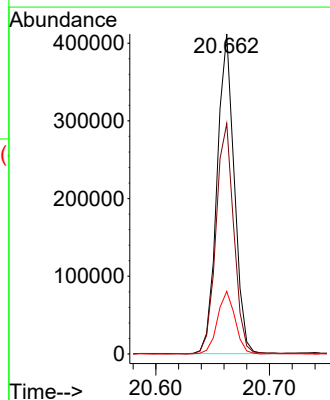
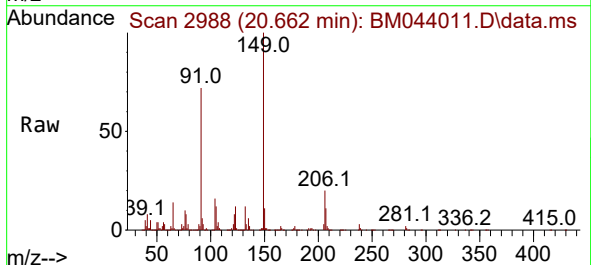
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2023

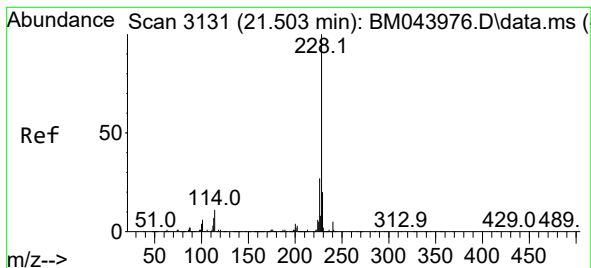
Tgt Ion:244 Resp:10025538
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.5 8.3
 122 12.2 8.7 13.1



#80
 Butylbenzylphthalate
 Concen: 5.552 ng
 RT: 20.662 min Scan# 2988
 Delta R.T. -0.006 min
 Lab File: BM044011.D
 Acq: 07 Feb 2024 03:57

Tgt Ion:149 Resp: 433445
 Ion Ratio Lower Upper
 149 100
 91 72.0 58.4 87.6
 206 19.6 15.8 23.6





#81

Benzo(a)anthracene

Concen: 5.976 ng

RT: 21.498 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM044011.D

Acq: 07 Feb 2024 03:57

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

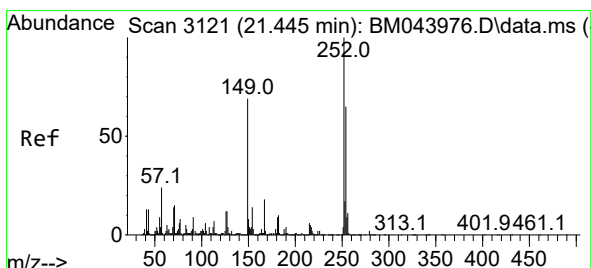
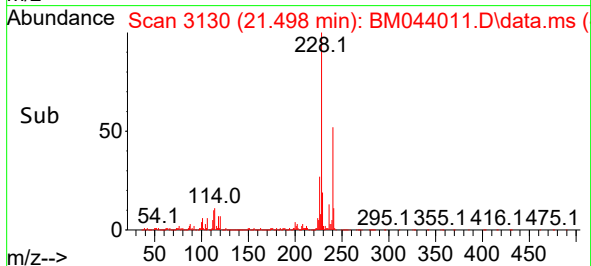
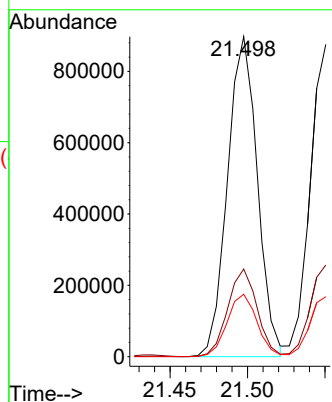
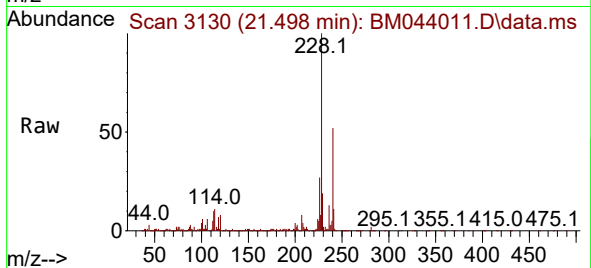
Tgt Ion:228 Resp: 1202490

Ion Ratio Lower Upper

228 100

226 27.4 21.8 32.8

229 19.5 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 5.736 ng

RT: 21.439 min Scan# 3120

Delta R.T. -0.006 min

Lab File: BM044011.D

Acq: 07 Feb 2024 03:57

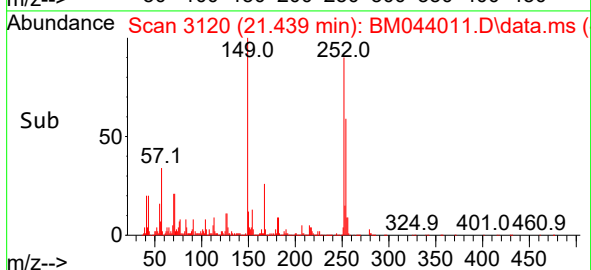
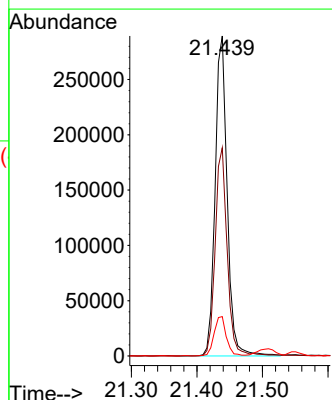
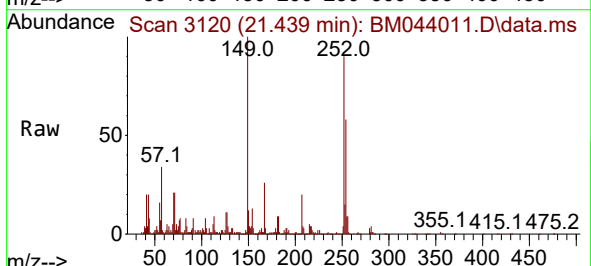
Tgt Ion:252 Resp: 369041

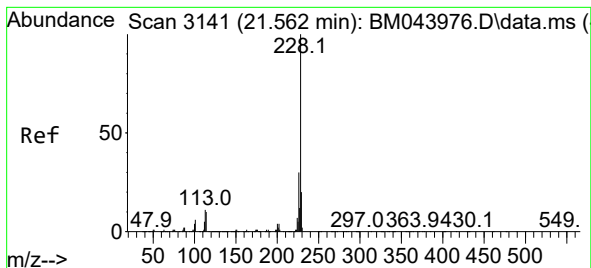
Ion Ratio Lower Upper

252 100

254 65.0 51.6 77.4

126 12.3 9.4 14.2





#83

Chrysene

Concen: 5.782 ng

RT: 21.550 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM044011.D

Acq: 07 Feb 2024 03:57

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

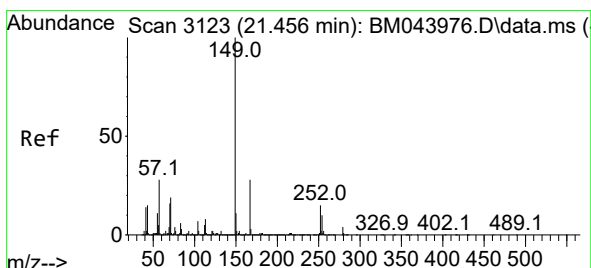
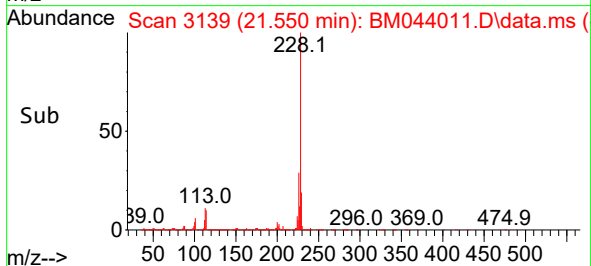
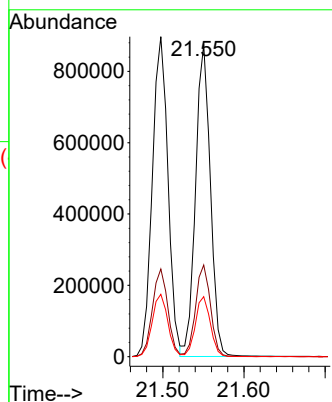
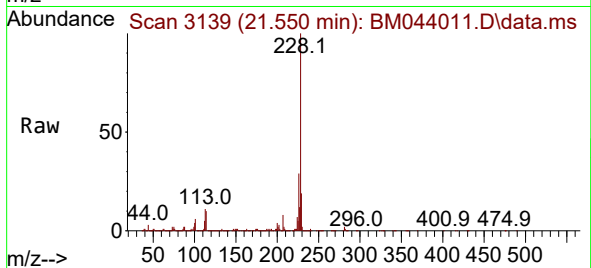
Tgt Ion:228 Resp: 1114532

Ion Ratio Lower Upper

228 100

226 29.3 24.2 36.4

229 19.2 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 5.940 ng

RT: 21.445 min Scan# 3121

Delta R.T. -0.012 min

Lab File: BM044011.D

Acq: 07 Feb 2024 03:57

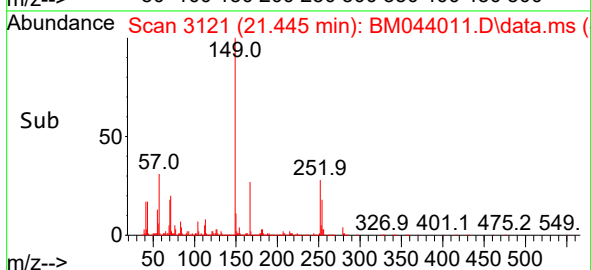
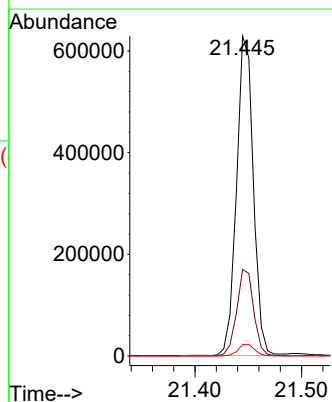
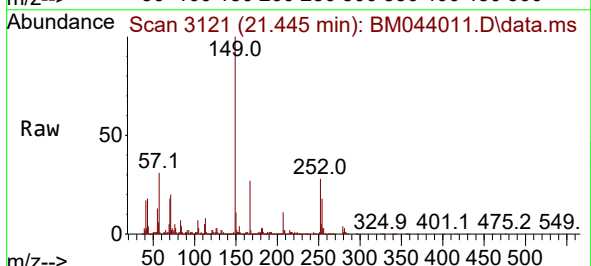
Tgt Ion:149 Resp: 689599

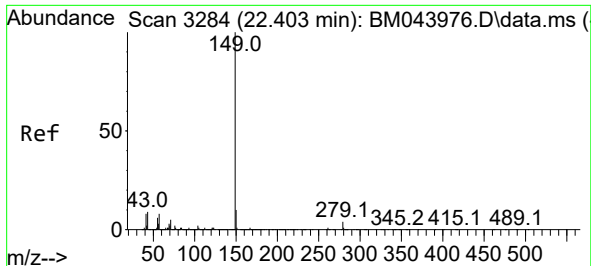
Ion Ratio Lower Upper

149 100

167 27.0 22.0 33.0

279 3.5 3.1 4.7

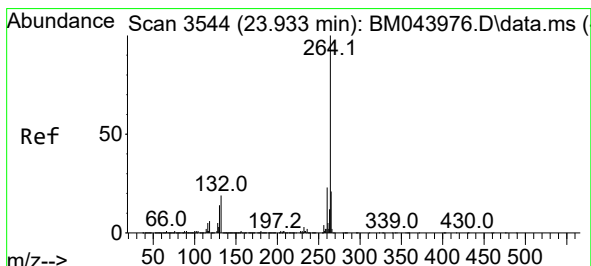
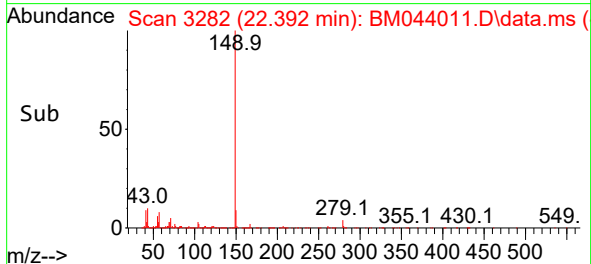
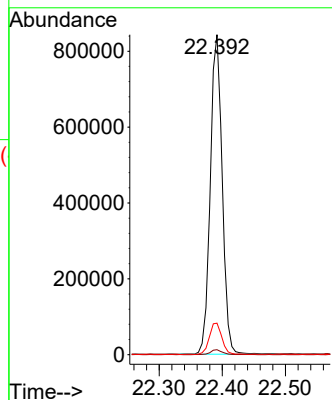
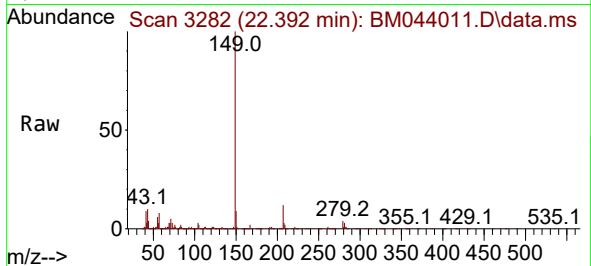




#85
Di-n-octyl phthalate
Concen: 5.529 ng
RT: 22.392 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM044011.D
Acq: 07 Feb 2024 03:57

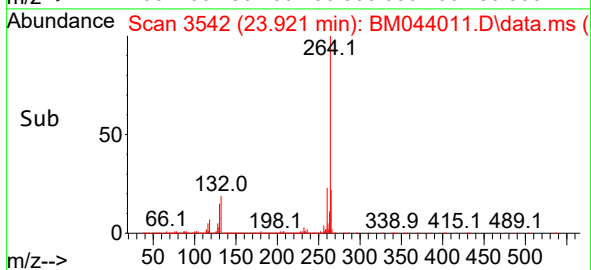
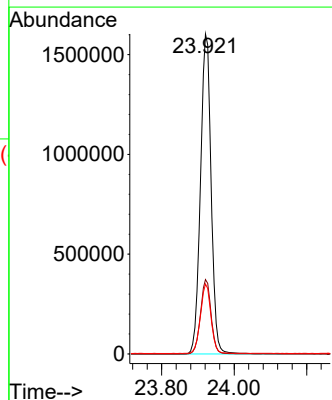
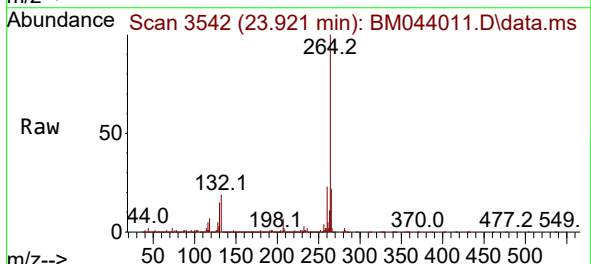
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

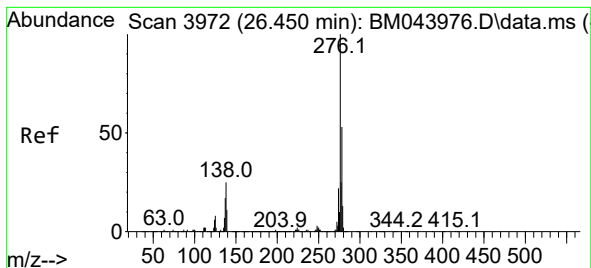
Tgt Ion:149 Resp: 1105806
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 10.5 7.9 11.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.921 min Scan# 3542
Delta R.T. -0.012 min
Lab File: BM044011.D
Acq: 07 Feb 2024 03:57

Tgt Ion:264 Resp: 3265119
Ion Ratio Lower Upper
264 100
260 23.3 18.6 28.0
265 21.8 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 5.336 ng

RT: 26.421 min Scan# 3972

Delta R.T. -0.029 min

Lab File: BM044011.D

Acq: 07 Feb 2024 03:57

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

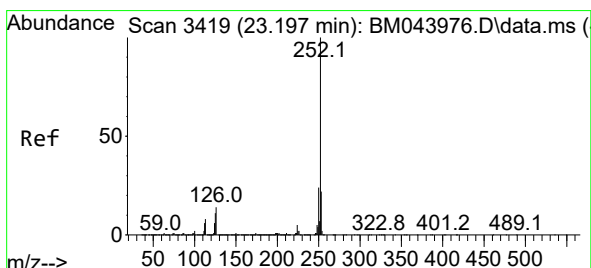
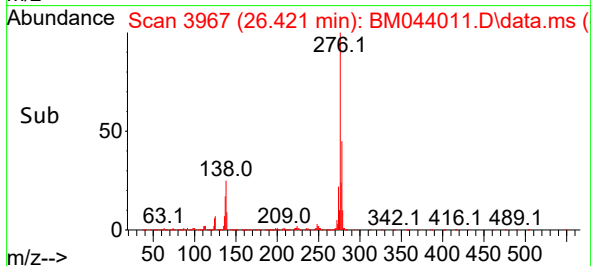
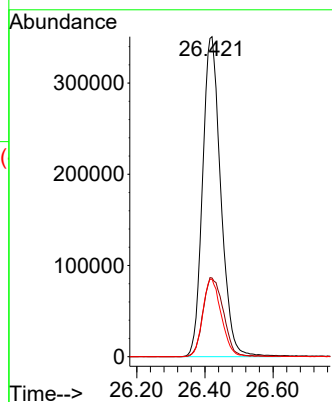
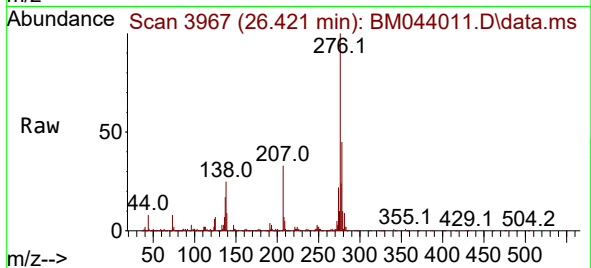
Tgt Ion:276 Resp: 1303697

Ion Ratio Lower Upper

276 100

138 27.6 21.8 32.6

277 24.7 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 5.606 ng

RT: 23.186 min Scan# 3417

Delta R.T. -0.012 min

Lab File: BM044011.D

Acq: 07 Feb 2024 03:57

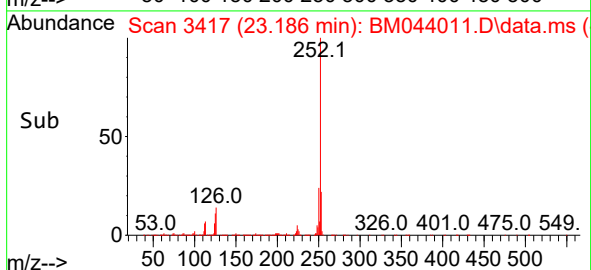
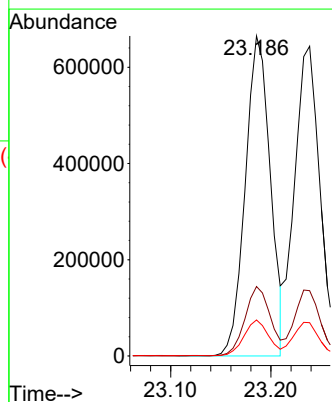
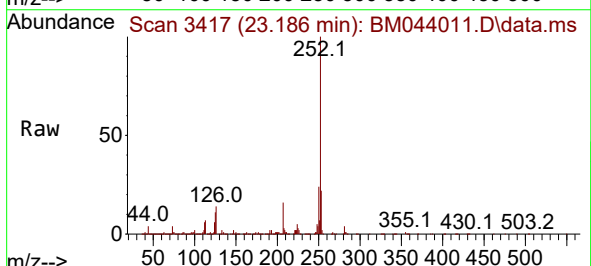
Tgt Ion:252 Resp: 1151485

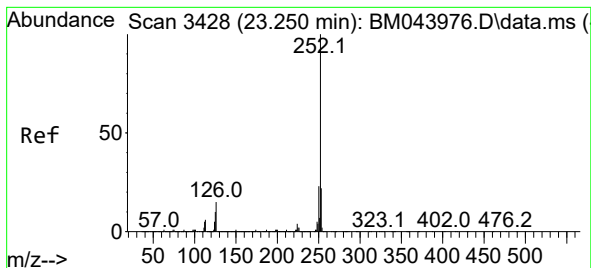
Ion Ratio Lower Upper

252 100

253 21.7 17.7 26.5

125 11.2 9.0 13.6





#89

Benzo(k)fluoranthene

Concen: 5.765 ng

RT: 23.239 min Scan# 34

Delta R.T. -0.012 min

Lab File: BM044011.D

Acq: 07 Feb 2024 03:57

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

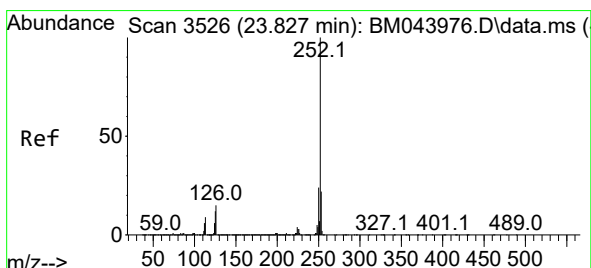
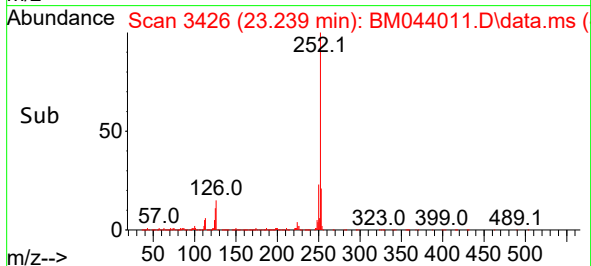
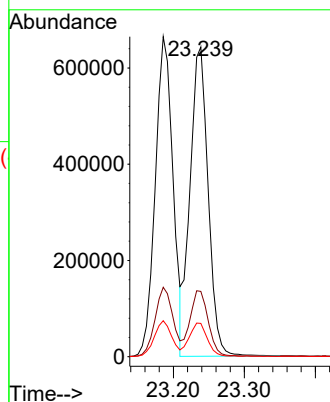
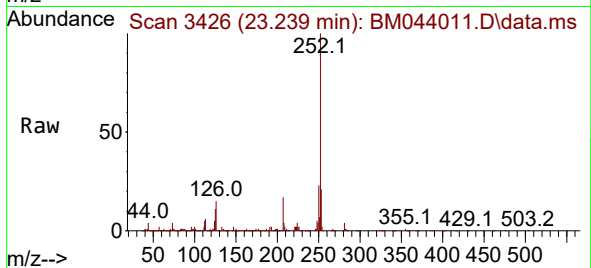
Tgt Ion:252 Resp: 1135970

Ion Ratio Lower Upper

252 100

253 21.1 17.4 26.2

125 10.8 8.3 12.5



#90

Benzo(a)pyrene

Concen: 5.471 ng

RT: 23.809 min Scan# 3523

Delta R.T. -0.018 min

Lab File: BM044011.D

Acq: 07 Feb 2024 03:57

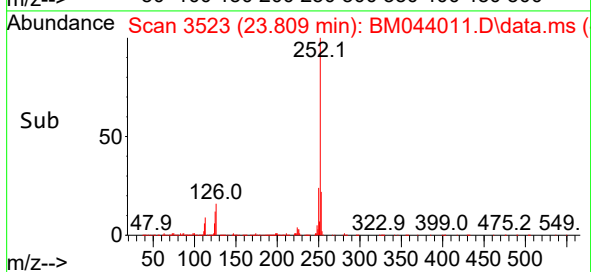
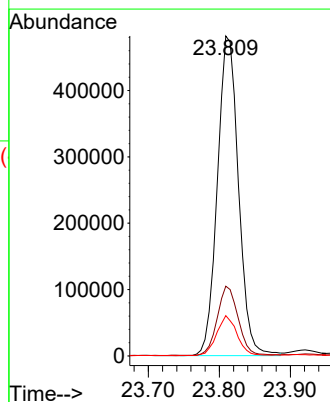
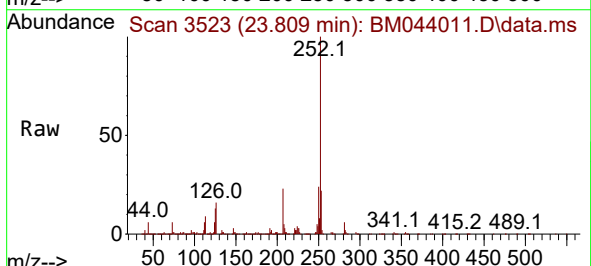
Tgt Ion:252 Resp: 993227

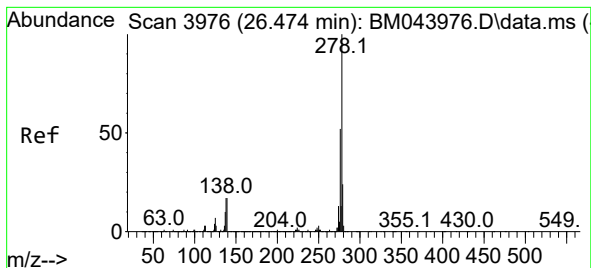
Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

125 12.6 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 5.391 ng

RT: 26.444 min Scan# 3976

Delta R.T. -0.029 min

Lab File: BM044011.D

Acq: 07 Feb 2024 03:57

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

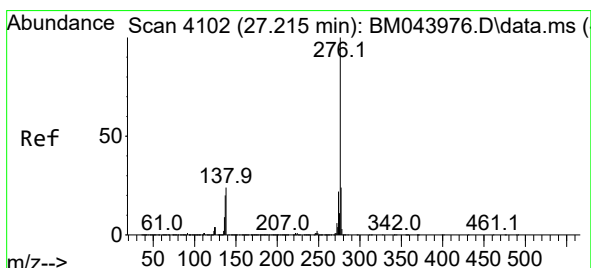
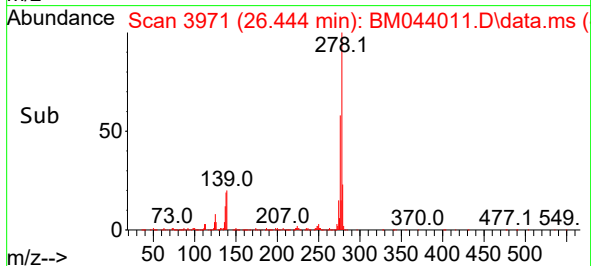
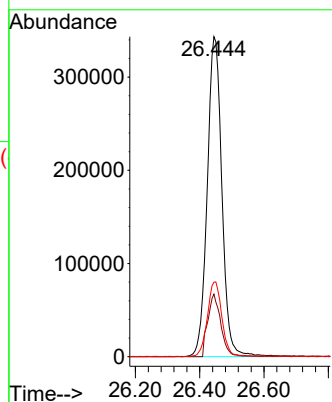
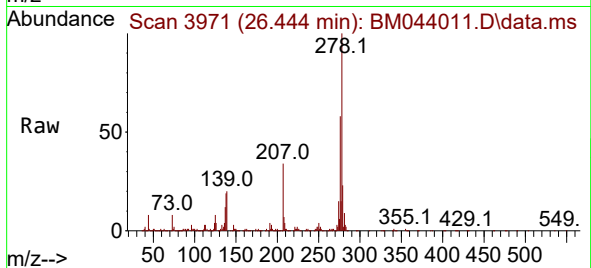
Tgt Ion:278 Resp: 1086300

Ion Ratio Lower Upper

278 100

139 19.6 13.7 20.5

279 23.3 19.3 28.9



#92

Benzo(g,h,i)perylene

Concen: 5.059 ng

RT: 27.180 min Scan# 4096

Delta R.T. -0.035 min

Lab File: BM044011.D

Acq: 07 Feb 2024 03:57

Tgt Ion:276 Resp: 1039687

Ion Ratio Lower Upper

276 100

277 24.3 19.0 28.4

138 24.9 18.8 28.2

