

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020924\
 Data File : BM044039.D
 Acq On : 09 Feb 2024 14:53
 Operator : MA/JU
 Sample : 04699-07
 Misc : LOD-MDL-WATER-4ppm
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Feb 09 16:17:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 09 02:42:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	478578	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	2035298	20.000	ng	0.00
39) Acenaphthene-d10	14.551	164	1184314	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	2324924	20.000	ng	0.00
76) Chrysene-d12	21.497	240	1882087	20.000	ng	0.00
86) Perylene-d12	23.891	264	2056685	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	4111089	124.939	ng	0.00
7) Phenol-d6	7.081	99	5246760	125.322	ng	0.00
23) Nitrobenzene-d5	9.081	82	3026728	78.912	ng	0.00
42) 2,4,6-Tribromophenol	16.045	330	1639605	127.866	ng	0.00
45) 2-Fluorobiphenyl	13.180	172	6385956	76.100	ng	0.00
79) Terphenyl-d14	19.945	244	8021042	74.710	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.387	88	50833	3.893	ng	98
3) Pyridine	3.793	79	116034	3.366	ng	97
4) n-Nitrosodimethylamine	3.710	42	47779	3.653	ng	# 95
6) Aniline	7.240	93	181618	4.412	ng	98
8) 2-Chlorophenol	7.469	128	122254	3.558	ng	98
9) Benzaldehyde	7.057	77	117651	5.468	ng	99
10) Phenol	7.104	94	163507	3.870	ng	97
11) bis(2-Chloroethyl)ether	7.345	93	134323	3.839	ng	100
12) 1,3-Dichlorobenzene	7.792	146	143718	3.684	ng	98
13) 1,4-Dichlorobenzene	7.945	146	146462	3.724	ng	99
14) 1,2-Dichlorobenzene	8.257	146	139173	3.714	ng	98
15) Benzyl Alcohol	8.151	79	105939	3.886	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.439	45	174972	3.945	ng	98
17) 2-Methylphenol	8.351	107	100697	3.631	ng	99
18) Hexachloroethane	8.981	117	51598	3.504	ng	97
19) n-Nitroso-di-n-propyla...	8.722	70	97794	3.804	ng	100
20) 3+4-Methylphenols	8.681	107	132266	3.465	ng	98
22) Acetophenone	8.739	105	201893	3.908	ng	# 98
24) Nitrobenzene	9.122	77	150724	3.837	ng	95
25) Isophorone	9.639	82	266349	3.606	ng	99
26) 2-Nitrophenol	9.828	139	56689	3.113	ng	99
27) 2,4-Dimethylphenol	9.886	122	96288	4.135	ng	100
28) bis(2-Chloroethoxy)met...	10.133	93	179549	3.759	ng	100
29) 2,4-Dichlorophenol	10.357	162	103012	3.360	ng	99
30) 1,2,4-Trichlorobenzene	10.569	180	124886	3.623	ng	98
31) Naphthalene	10.757	128	415875	3.702	ng	100
32) Benzoic acid	9.951	122	45290	1.931	ng	91
33) 4-Chloroaniline	10.880	127	163842	3.852	ng	99
34) Hexachlorobutadiene	11.033	225	68659	3.480	ng	99
35) Caprolactam	11.651	113	28904	2.930	ng	98
36) 4-Chloro-3-methylphenol	11.998	107	109393	3.295	ng	98
37) 2-Methylnaphthalene	12.374	142	271982	3.635	ng	97
38) 1-Methylnaphthalene	12.592	142	269458	3.665	ng	98
40) 1,2,4,5-Tetrachloroben...	12.733	216	130683	3.796	ng	100
41) Hexachlorocyclopentadiene	12.710	237	56357	3.751	ng	97

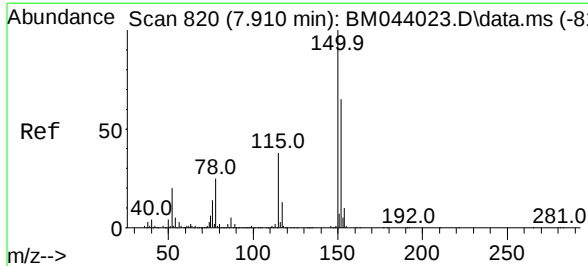
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020924\
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 QLast Update : Fri Feb 09 02:42:01 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	12.980	196	73308	3.129	ng	98
44) 2,4,5-Trichlorophenol	13.051	196	81146	3.156	ng	97
46) 1,1'-Biphenyl	13.386	154	362093	3.875	ng	99
47) 2-Chloronaphthalene	13.427	162	276918	3.741	ng	98
48) 2-Nitroaniline	13.639	65	66839	3.209	ng	97
49) Acenaphthylene	14.274	152	438079	3.967	ng	99
50) Dimethylphthalate	14.016	163	329832	3.756	ng	98
51) 2,6-Dinitrotoluene	14.139	165	59976	3.096	ng	# 84
52) Acenaphthene	14.616	154	254868	3.729	ng	99
53) 3-Nitroaniline	14.468	138	65488	3.145	ng	91
54) 2,4-Dinitrophenol	14.668	184	19845	7.175	ng	93
55) Dibenzofuran	14.951	168	415557	3.928	ng	99
56) 4-Nitrophenol	14.768	139	42557	2.514	ng	93
57) 2,4-Dinitrotoluene	14.921	165	73548	2.905	ng	92
58) Fluorene	15.598	166	322089	3.940	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.174	232	69331	3.437	ng	100
60) Diethylphthalate	15.386	149	322367	3.552	ng	99
61) 4-Chlorophenyl-phenyle...	15.598	204	156756	3.957	ng	98
62) 4-Nitroaniline	15.627	138	57935	2.764	ng	90
63) Azobenzene	15.892	77	304291	3.574	ng	97
65) 4,6-Dinitro-2-methylph...	15.680	198	29902	2.158	ng	96
66) n-Nitrosodiphenylamine	15.815	169	266925	3.779	ng	99
67) 4-Bromophenyl-phenylether	16.498	248	66508	2.893	ng	99
68) Hexachlorobenzene	16.592	284	102751	3.649	ng	99
69) Atrazine	16.774	200	82391	4.308	ng	98
70) Pentachlorophenol	16.945	266	44249	2.416	ng	97
71) Phenanthrene	17.345	178	486244	3.961	ng	99
72) Anthracene	17.433	178	457431	3.764	ng	99
73) Carbazole	17.709	167	421384	3.565	ng	100
74) Di-n-butylphthalate	18.292	149	490291	3.191	ng	100
75) Fluoranthene	19.362	202	495269	3.591	ng	99
77) Benzidine	19.562	184	176383	6.031	ng	98
78) Pyrene	19.727	202	515646	3.557	ng	100
80) Butylbenzylphthalate	20.650	149	184071	2.857	ng	97
81) Benzo(a)anthracene	21.486	228	487805	3.726	ng	99
82) 3,3'-Dichlorobenzidine	21.427	252	155395	3.618	ng	98
83) Chrysene	21.539	228	451550	3.651	ng	99
84) Bis(2-ethylhexyl)phtha...	21.433	149	306132	3.220	ng	99
85) Di-n-octyl phthalate	22.374	149	446859	2.691	ng	98
87) Indeno(1,2,3-cd)pyrene	26.374	276	499733	3.433	ng	99
88) Benzo(b)fluoranthene	23.162	252	465738	3.623	ng	100
89) Benzo(k)fluoranthene	23.215	252	429191	3.513	ng	100
90) Benzo(a)pyrene	23.785	252	384921	3.428	ng	100
91) Dibenzo(a,h)anthracene	26.397	278	426355	3.502	ng	98
92) Benzo(g,h,i)perylene	27.132	276	409829	3.319	ng	99

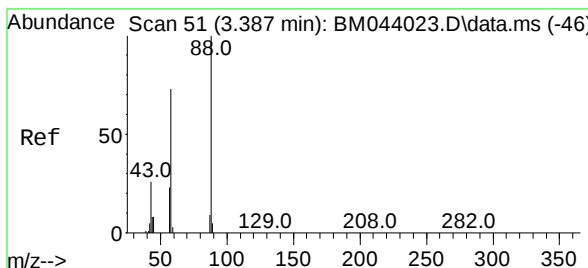
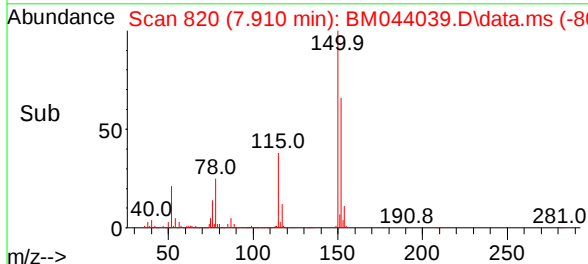
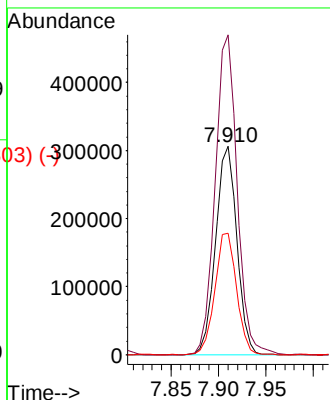
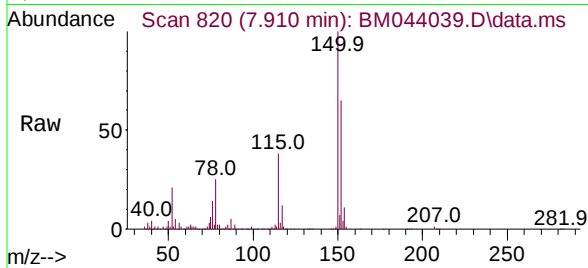
(#) = qualifier out of range (m) = manual integration (+) = signals summed



1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.910 min Scan# 812
 Delta R.T. 0.000 min
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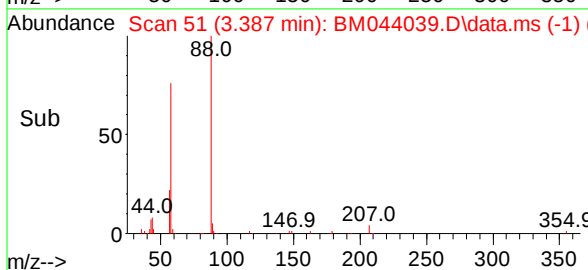
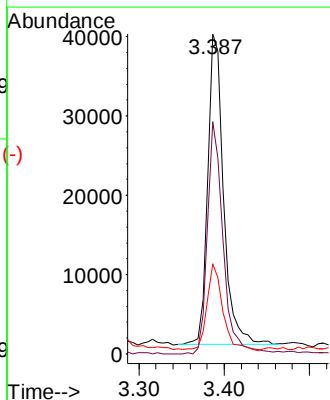
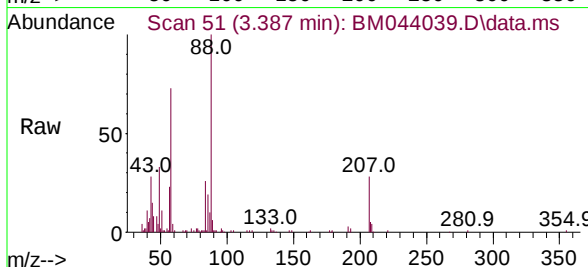
Instrument : BNA_M
 ClientSampleId : LOD-MDL-WATER-01-QT4-2023

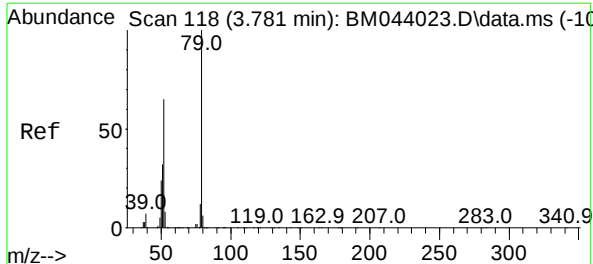
Tgt Ion:	152	Resp:	478578
Ion	Ratio	Lower	Upper
152	100		
150	153.5	122.7	184.1
115	58.2	47.0	70.6



1,4-Dioxane
 Concen: 3.893 ng
 RT: 3.387 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: BM044039.D
 Acq: 09 Feb 2024 14:53

Tgt Ion:	88	Resp:	50833
Ion	Ratio	Lower	Upper
88	100		
58	74.3	58.1	87.1
43	28.1	21.1	31.7





Pyridine

Concen: 3.366 ng

RT: 3.793 min Scan# 118

Delta R.T. 0.012 min

Lab File: BM044039.D

Acq: 09 Feb 2024 14:53

Instrument :

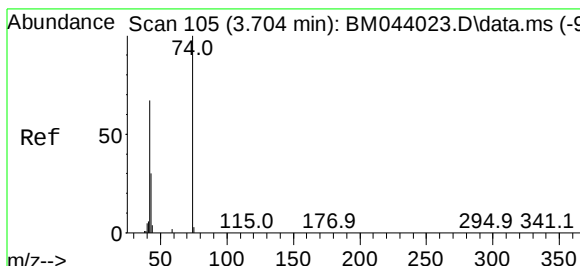
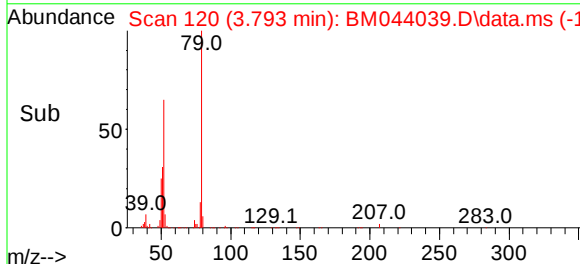
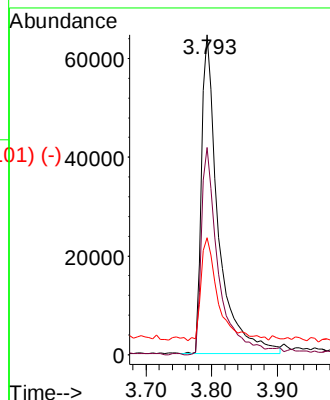
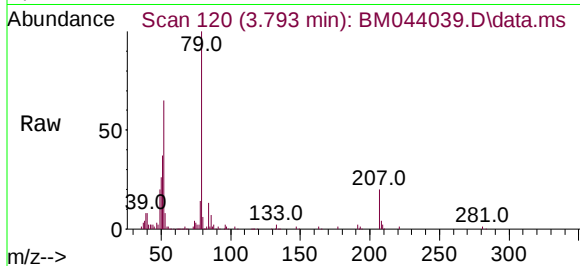
BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 79 Resp: 116034

Ion	Ratio	Lower	Upper
79	100		
52	64.8	52.2	78.2
51	36.6	26.2	39.4



n-Nitrosodimethylamine

Concen: 3.653 ng

RT: 3.710 min Scan# 106

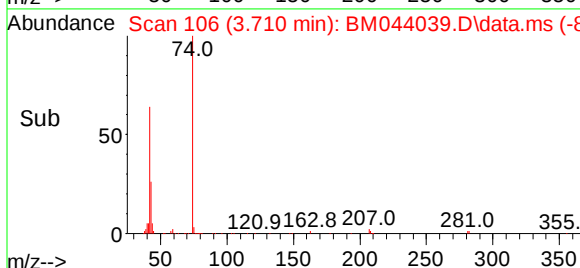
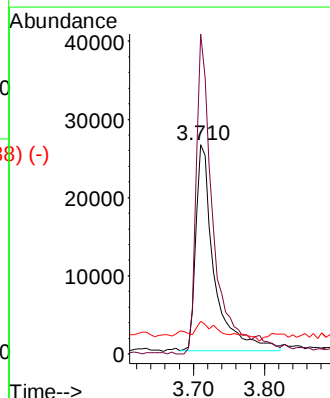
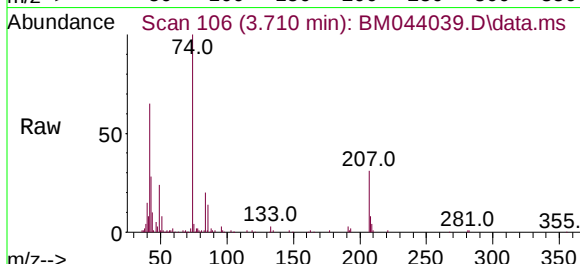
Delta R.T. 0.006 min

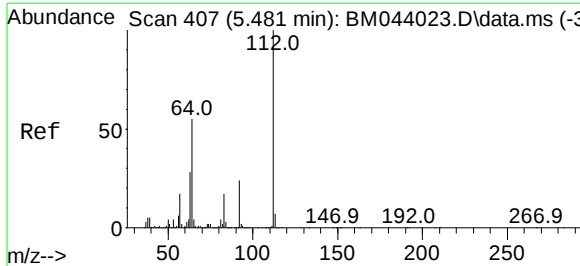
Lab File: BM044039.D

Acq: 09 Feb 2024 14:53

Tgt Ion: 42 Resp: 47779

Ion	Ratio	Lower	Upper
42	100		
74	153.0	118.6	178.0
44	15.5	5.6	8.4





2-Fluorophenol

Concen: 124.939 ng

RT: 5.481 min Scan# 411

Delta R.T. 0.000 min

Lab File: BM044039.D

Acq: 09 Feb 2024 14:53

Instrument :

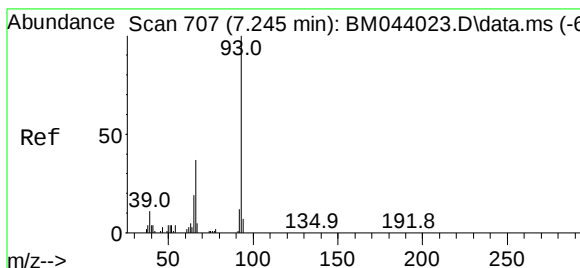
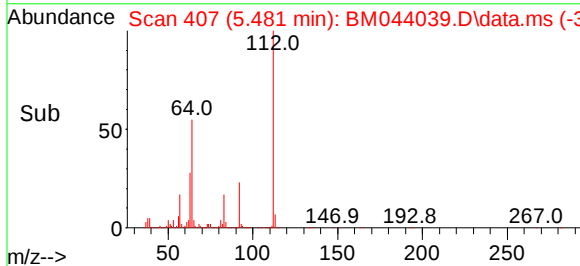
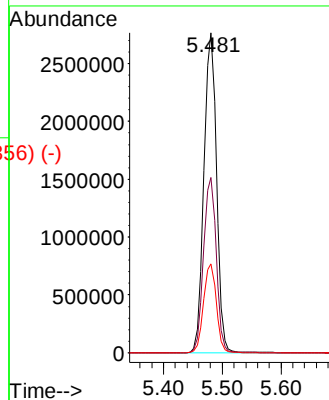
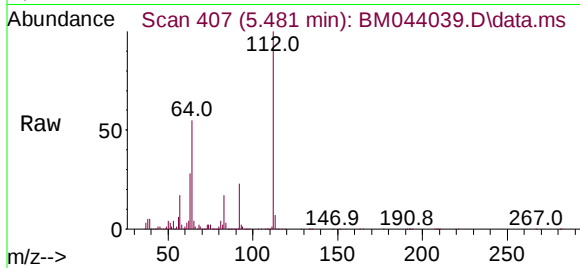
BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

Tgt Ion:112 Resp: 4111089

Ion	Ratio	Lower	Upper
112	100		
64	54.7	44.2	66.4
63	27.8	22.6	34.0



Aniline

Concen: 4.412 ng

RT: 7.240 min Scan# 706

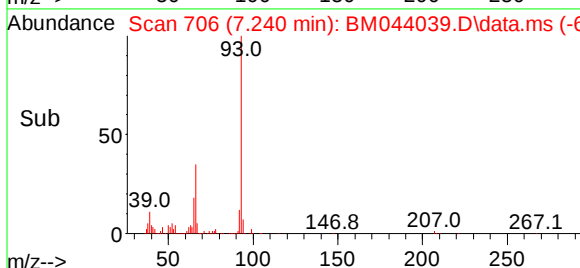
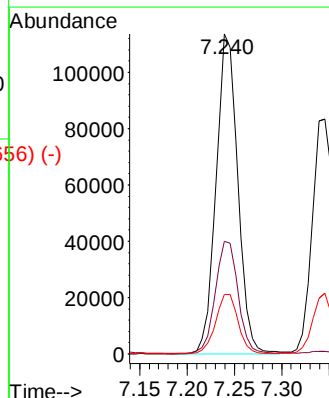
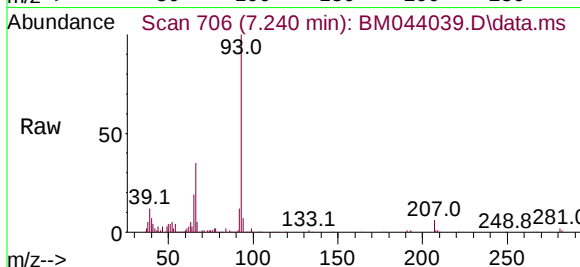
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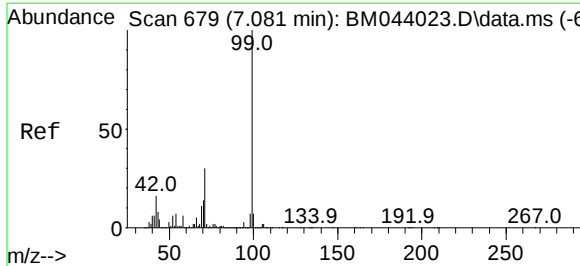
Lab File: BM044039.D

Acq: 09 Feb 2024 14:53

Tgt Ion: 93 Resp: 181618

Ion	Ratio	Lower	Upper
93	100		
66	35.2	29.4	44.0
65	18.6	15.2	22.8





Phenol-d6

Concen: 125.322 ng

RT: 7.081 min Scan# 679

Delta R.T. 0.000 min

Lab File: BM044039.D

Acq: 09 Feb 2024 14:53

Instrument :

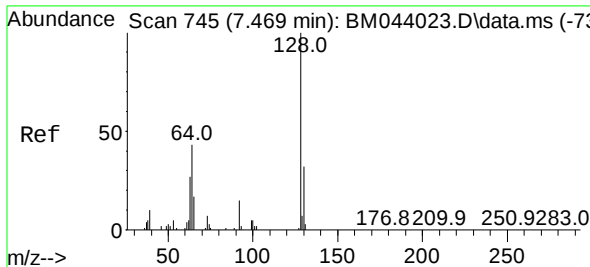
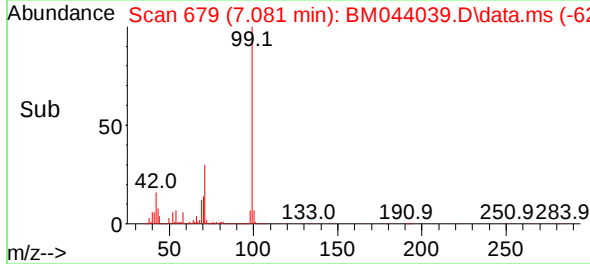
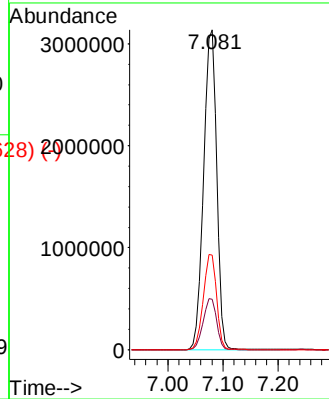
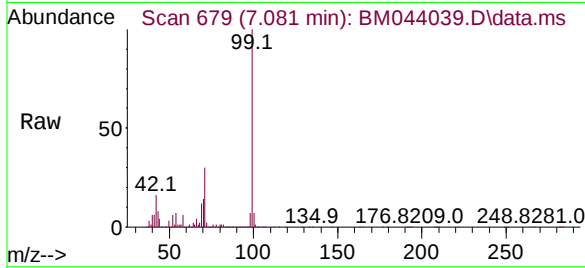
BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 99 Resp: 5246760

Ion	Ratio	Lower	Upper
99	100		
42	15.7	12.9	19.3
71	29.6	23.9	35.9



2-Chlorophenol

Concen: 3.558 ng

RT: 7.469 min Scan# 745

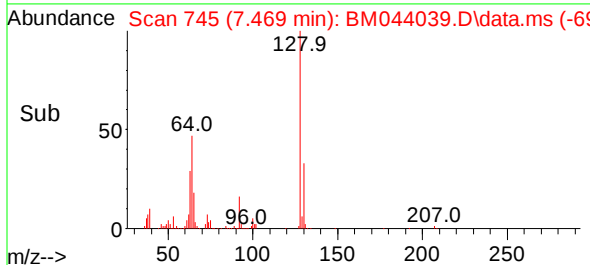
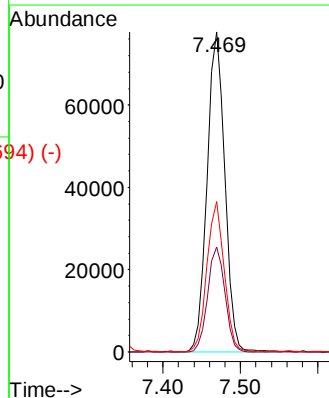
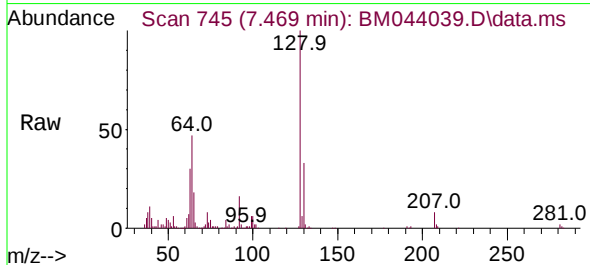
Delta R.T. 0.000 min

Lab File: BM044039.D

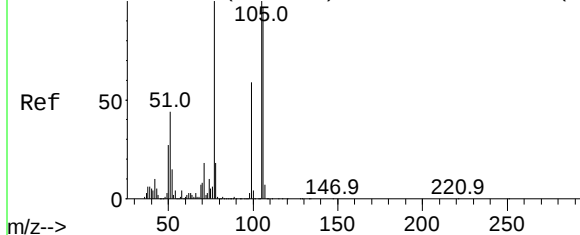
Acq: 09 Feb 2024 14:53

Tgt Ion: 128 Resp: 122254

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.1	52.1
64	47.1	26.0	66.0



Abundance Scan 675 (7.057 min): BM044023.D\data.ms (-6679)



Benzaldehyde

Concen: 5.468 ng

RT: 7.057 min Scan# 675

Delta R.T. 0.000 min

Lab File: BM044039.D

Acq: 09 Feb 2024 14:53

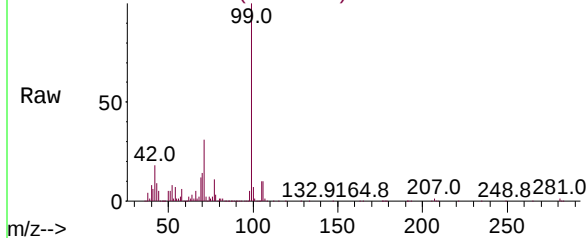
Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

Abundance Scan 675 (7.057 min): BM044039.D\data.ms



Tgt Ion: 77 Resp: 117651

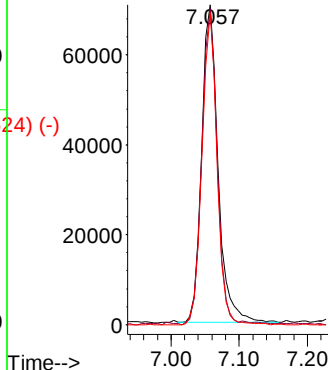
Ion Ratio Lower Upper

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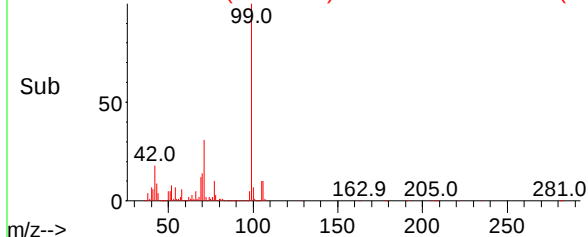
105 98.8 80.0 120.0

106 97.6 76.8 116.8

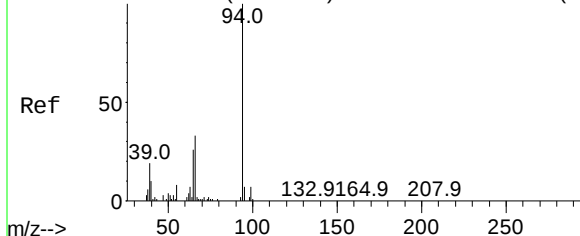
Abundance



Abundance Scan 675 (7.057 min): BM044039.D\data.ms (-624) (-)



Abundance Scan 683 (7.104 min): BM044023.D\data.ms (-6711)



Phenol

Concen: 3.870 ng

RT: 7.104 min Scan# 683

Delta R.T. 0.000 min

Lab File: BM044039.D

Acq: 09 Feb 2024 14:53

Tgt Ion: 94 Resp: 163507

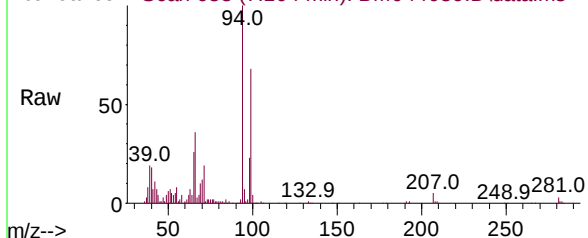
Ion Ratio Lower Upper

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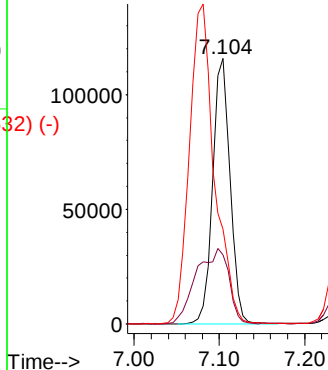
65 25.9 6.4 46.4

66 35.8 13.2 53.2

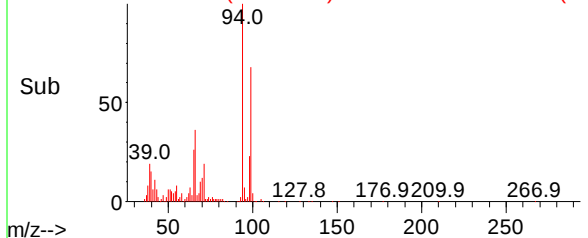
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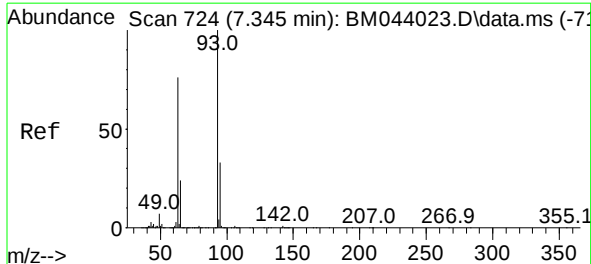


Abundance



Abundance Scan 683 (7.104 min): BM044039.D\data.ms (-632) (-)





bis(2-Chloroethyl)ether

Concen: 3.839 ng

RT: 7.345 min Scan# 717

Delta R.T. 0.000 min

Lab File: BM044039.D

Acq: 09 Feb 2024 14:53

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

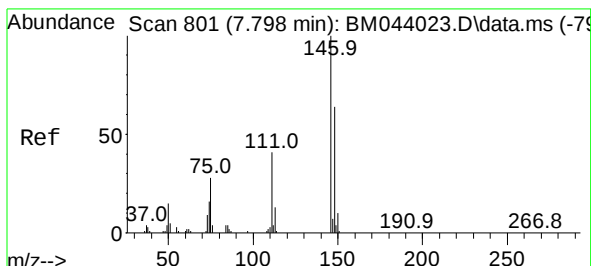
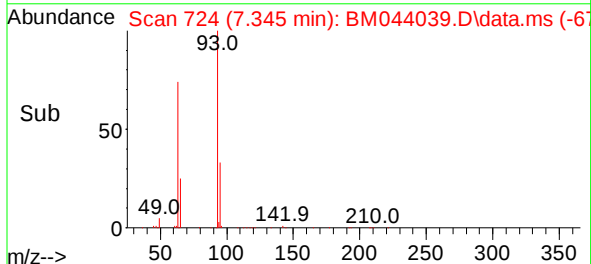
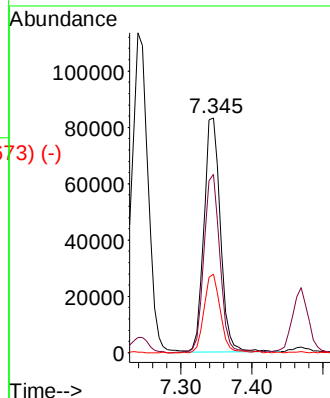
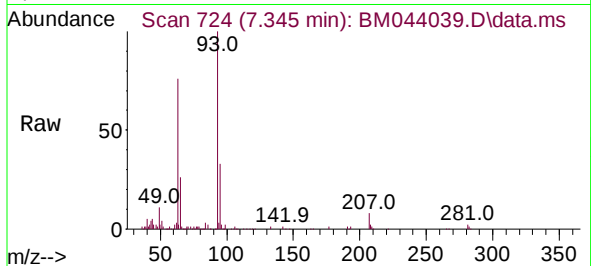
Tgt Ion: 93 Resp: 134323

Ion Ratio Lower Upper

93 100

63 75.9 55.9 95.9

95 33.4 13.0 53.0



1,3-Dichlorobenzene

Concen: 3.684 ng

RT: 7.792 min Scan# 800

Delta R.T. -0.006 min

Lab File: BM044039.D

Acq: 09 Feb 2024 14:53

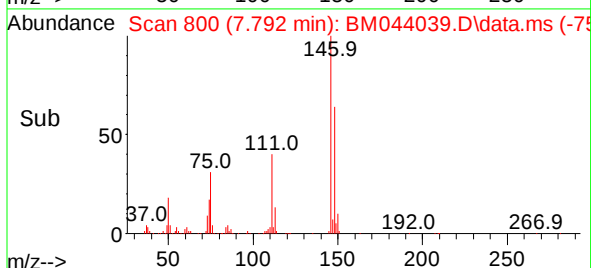
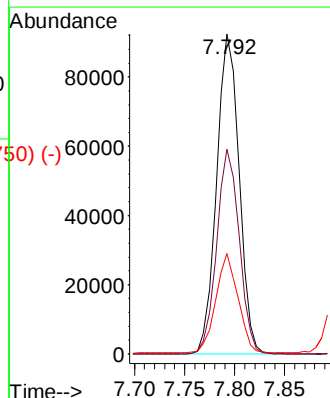
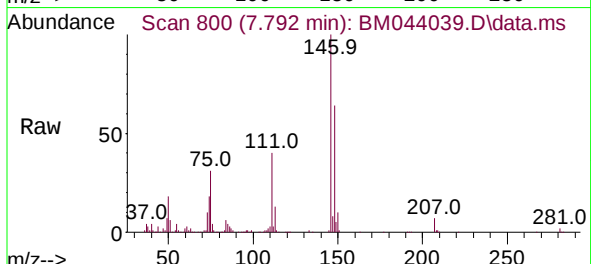
Tgt Ion:146 Resp: 143718

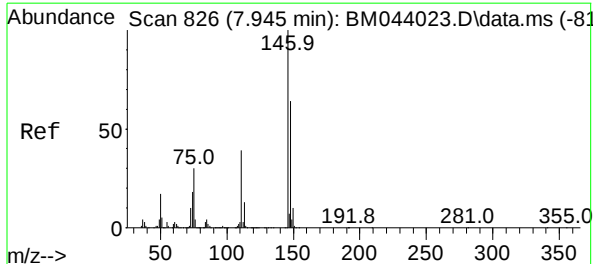
Ion Ratio Lower Upper

146 100

148 64.0 51.3 76.9

75 31.3 22.7 34.1





1,4-Dichlorobenzene

Concen: 3.724 ng

RT: 7.945 min Scan# 8

Delta R.T. 0.000 min

Lab File: BM044039.D

Acq: 09 Feb 2024 14:53

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

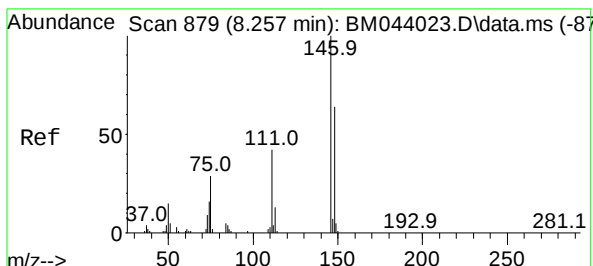
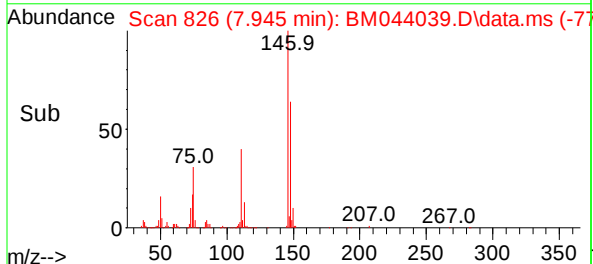
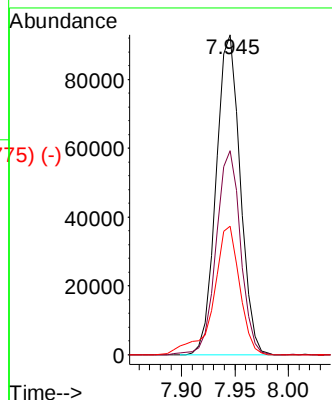
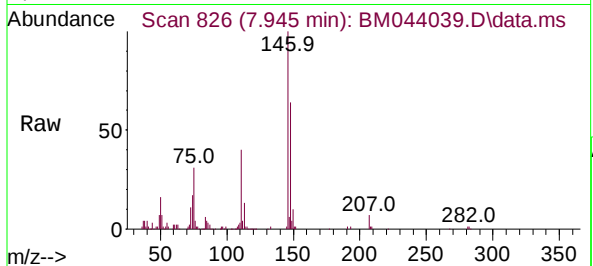
Tgt Ion:146 Resp: 146462

Ion Ratio Lower Upper

146 100

148 63.7 51.2 76.8

111 40.2 31.2 46.8



1,2-Dichlorobenzene

Concen: 3.714 ng

RT: 8.257 min Scan# 879

Delta R.T. 0.000 min

Lab File: BM044039.D

Acq: 09 Feb 2024 14:53

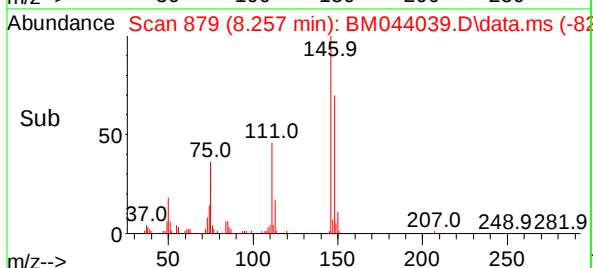
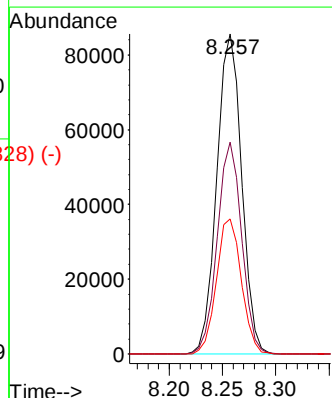
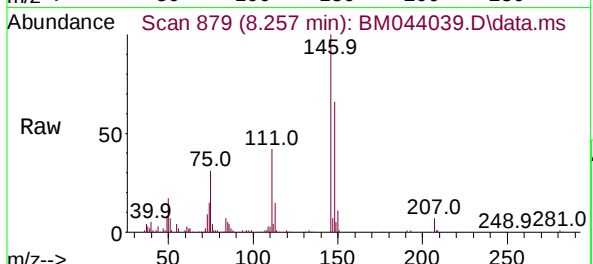
Tgt Ion:146 Resp: 139173

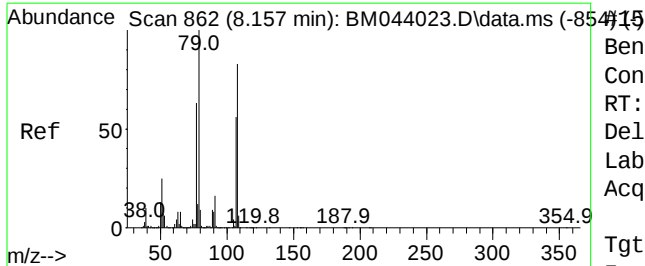
Ion Ratio Lower Upper

146 100

148 66.3 51.4 77.2

111 42.3 33.7 50.5





Benzyl Alcohol

Concen: 3.886 ng

RT: 8.151 min Scan# 8

Delta R.T. -0.006 min

Lab File: BM044039.D

Acq: 09 Feb 2024 14:53

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

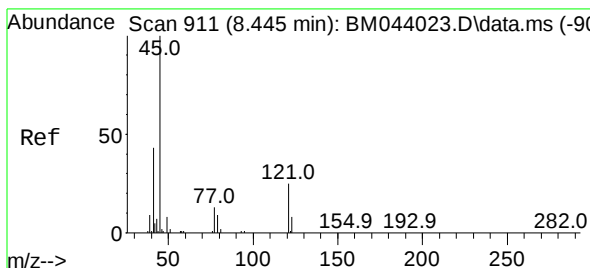
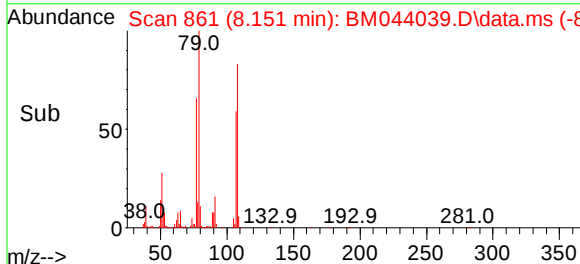
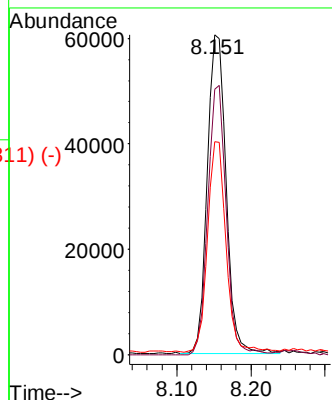
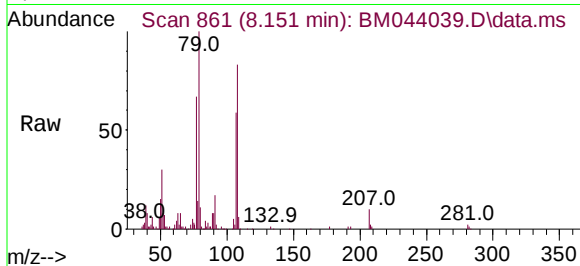
Tgt Ion: 79 Resp: 105939

Ion Ratio Lower Upper

79 100

108 82.9 66.0 99.0

77 66.6 50.4 75.6



2,2'-oxybis(1-Chloropropane)

Concen: 3.945 ng

RT: 8.439 min Scan# 910

Delta R.T. -0.006 min

Lab File: BM044039.D

Acq: 09 Feb 2024 14:53

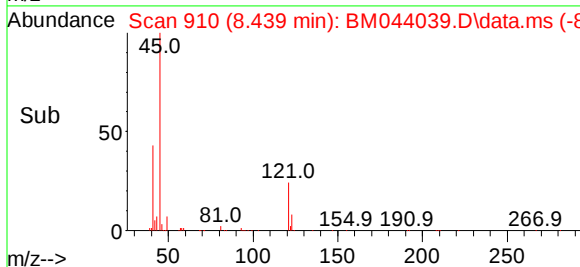
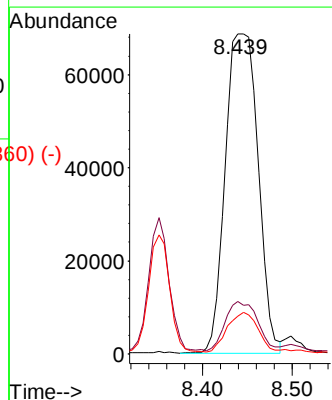
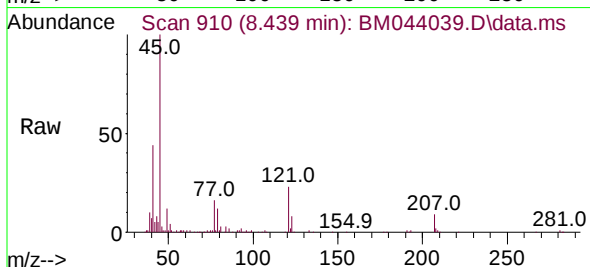
Tgt Ion: 45 Resp: 174972

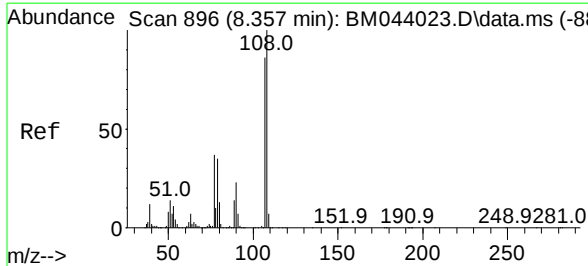
Ion Ratio Lower Upper

45 100

77 16.4 0.0 35.1

79 11.7 0.0 31.5





2-Methylphenol

Concen: 3.631 ng

RT: 8.351 min Scan# 8

Delta R.T. -0.006 min

Lab File: BM044039.D

Acq: 09 Feb 2024 14:53

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

Tgt Ion:107 Resp: 100697

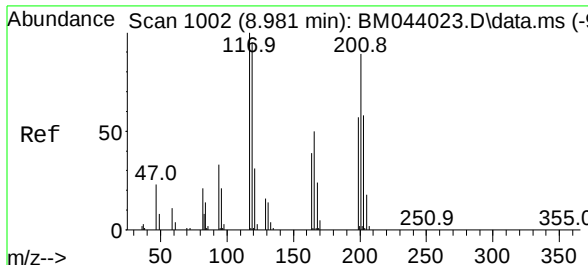
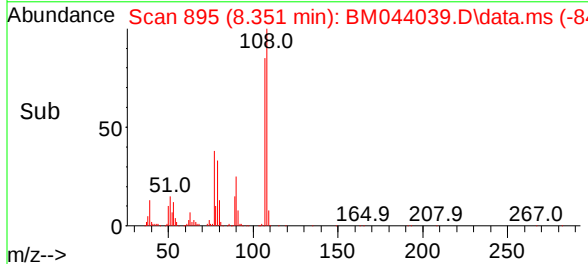
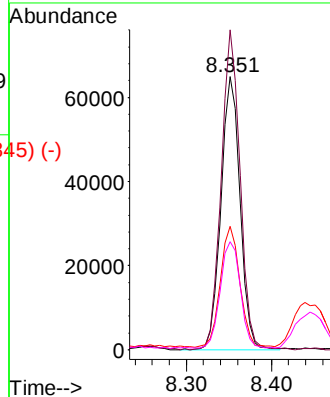
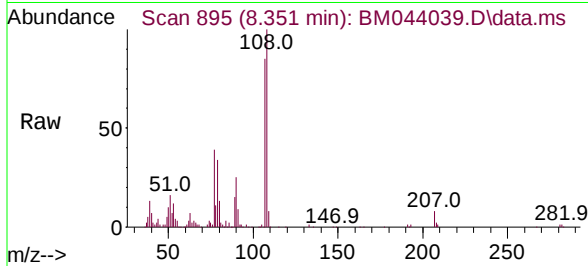
Ion Ratio Lower Upper

107 100

108 117.1 93.4 140.2

77 45.1 34.7 52.1

79 39.4 32.7 49.1



Hexachloroethane

Concen: 3.504 ng

RT: 8.981 min Scan# 1002

Delta R.T. 0.000 min

Lab File: BM044039.D

Acq: 09 Feb 2024 14:53

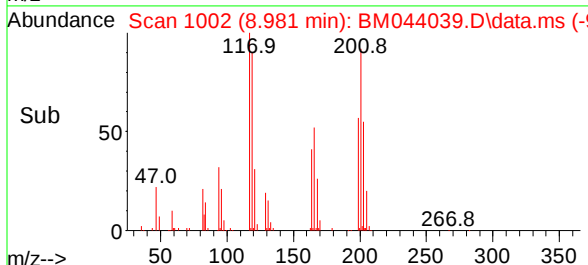
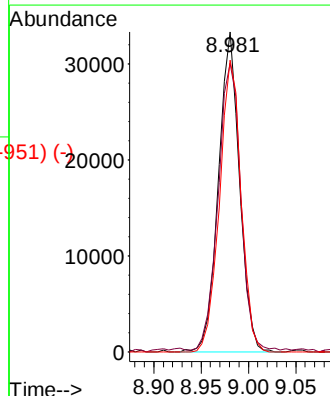
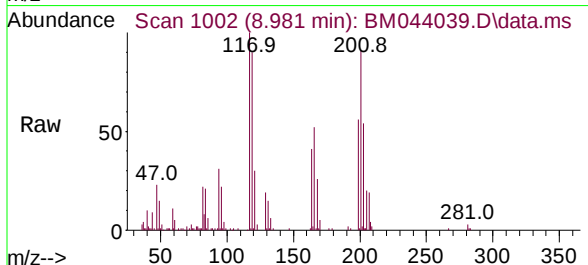
Tgt Ion:117 Resp: 51598

Ion Ratio Lower Upper

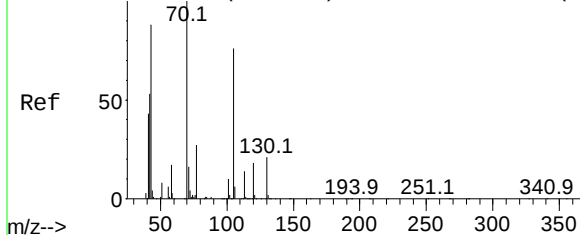
117 100

119 90.3 75.7 113.5

201 91.3 71.5 107.3



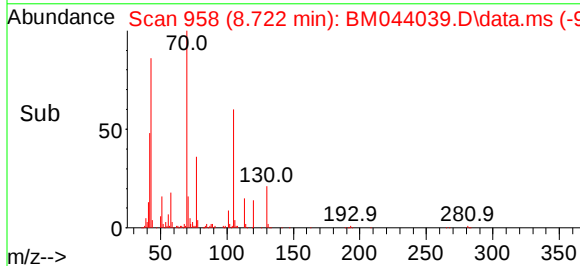
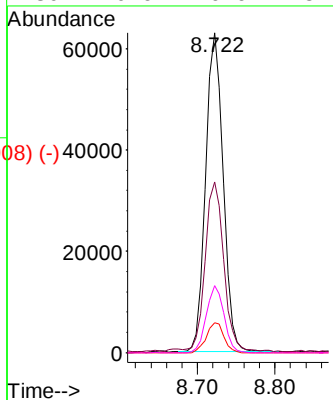
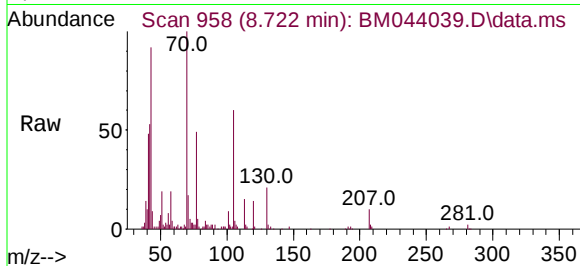
Abundance Scan 959 (8.728 min): BM044023.D\data.ms (-951) 19



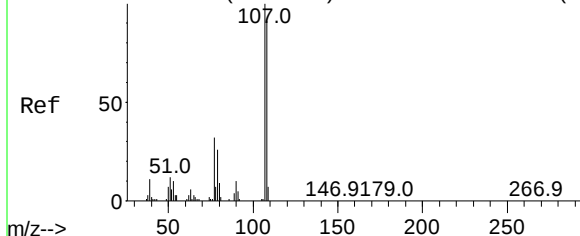
n-Nitroso-di-n-propylamine
Concen: 3.804 ng
RT: 8.722 min Scan# 919
Delta R.T. -0.006 min
Lab File: BM044039.D
Acq: 09 Feb 2024 14:53

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

Tgt Ion:	70	Resp:	97794
Ion	Ratio	Lower	Upper
70	100		
42	53.4	42.6	64.0
101	9.3	7.8	11.6
130	20.9	16.9	25.3

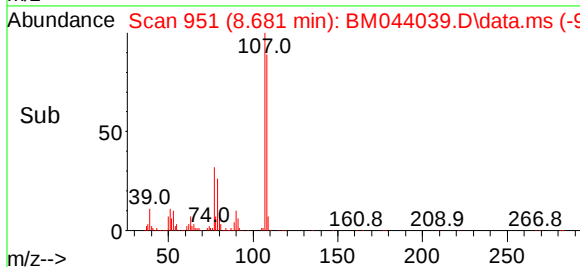
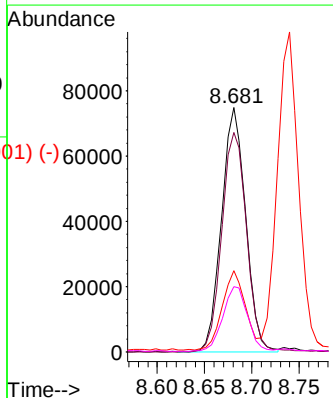
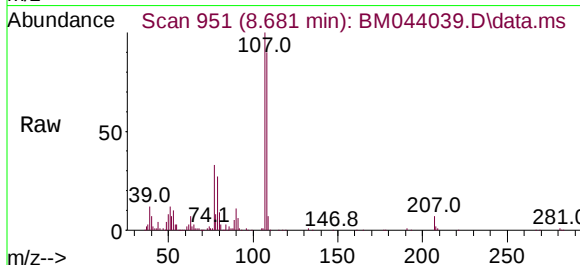


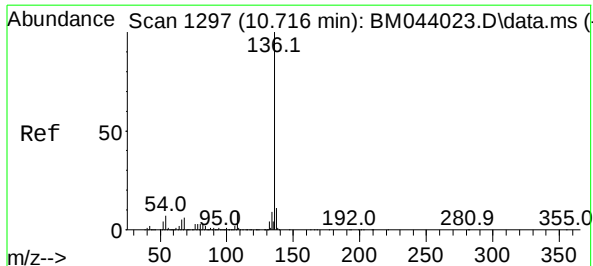
Abundance Scan 952 (8.686 min): BM044023.D\data.ms (-940) 20



3+4-Methylphenols
Concen: 3.465 ng
RT: 8.681 min Scan# 951
Delta R.T. -0.006 min
Lab File: BM044039.D
Acq: 09 Feb 2024 14:53

Tgt Ion:	107	Resp:	132266
Ion	Ratio	Lower	Upper
107	100		
108	89.7	71.5	111.5
77	33.1	11.8	51.8
79	26.6	6.3	46.3



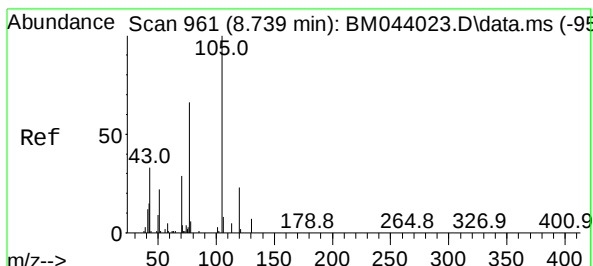
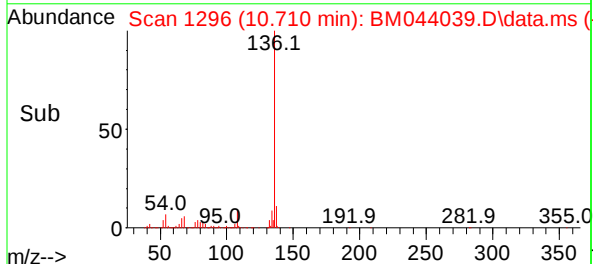
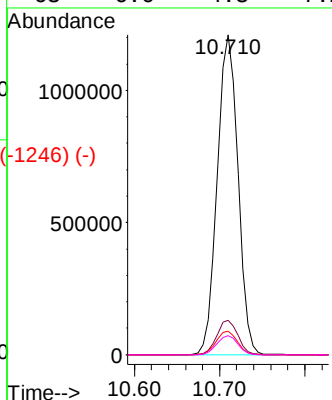
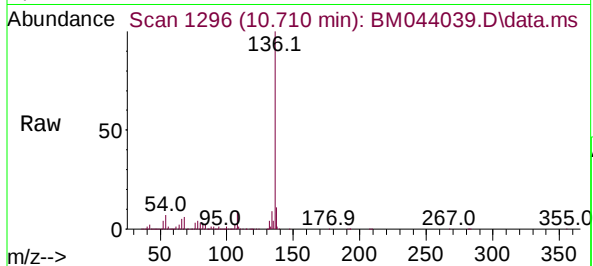


Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BM044039.D
Acq: 09 Feb 2024 14:53

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

Tgt Ion:136 Resp: 2035298

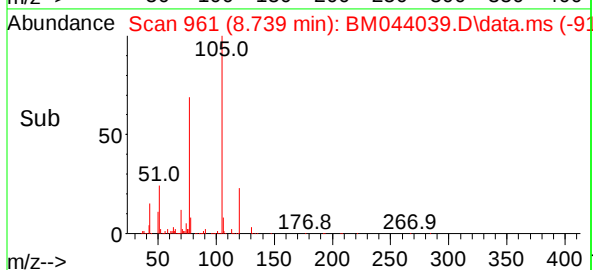
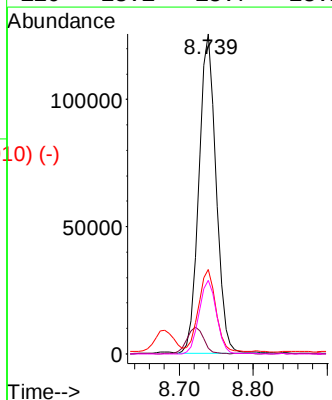
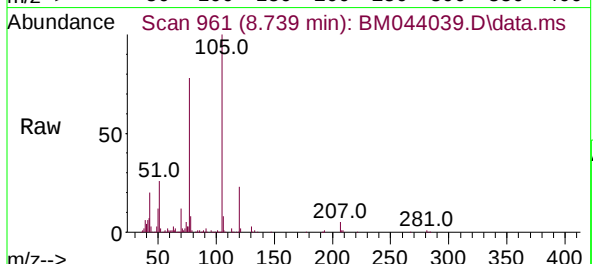
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.4	5.9	8.9
68	6.0	4.8	7.2

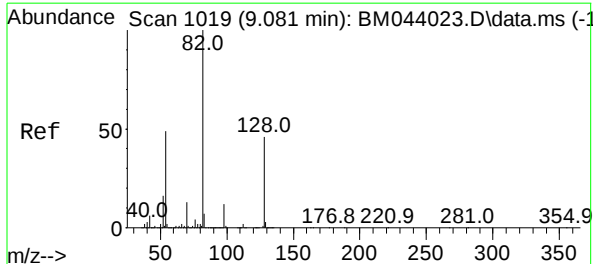


Acetophenone
Concen: 3.908 ng
RT: 8.739 min Scan# 961
Delta R.T. 0.000 min
Lab File: BM044039.D
Acq: 09 Feb 2024 14:53

Tgt Ion:105 Resp: 201893

Ion	Ratio	Lower	Upper
105	100		
71	1.8	4.0	6.0#
51	26.5	20.1	30.1
120	23.1	18.7	28.1





Nitrobenzene-d5

Concen: 78.912 ng

RT: 9.081 min Scan# 1019

Delta R.T. 0.000 min

Lab File: BM044039.D

Acq: 09 Feb 2024 14:53

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

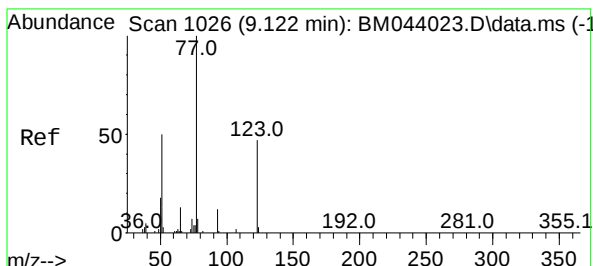
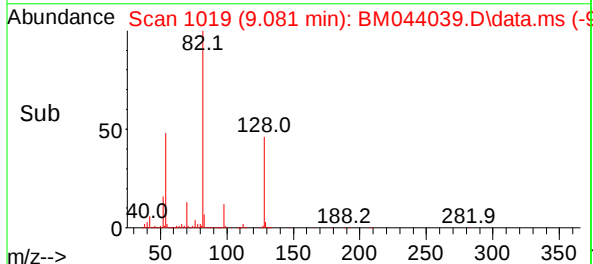
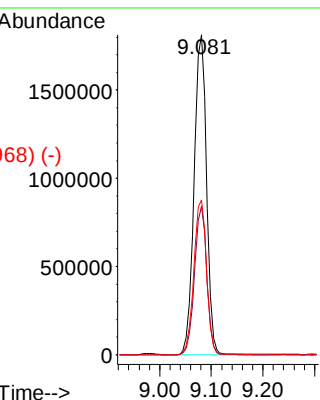
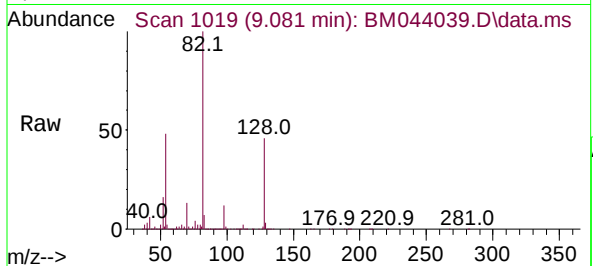
Tgt Ion: 82 Resp: 3026728

Ion Ratio Lower Upper

82 100

128 46.4 37.1 55.7

54 48.3 38.9 58.3



Nitrobenzene

Concen: 3.837 ng

RT: 9.122 min Scan# 1026

Delta R.T. 0.000 min

Lab File: BM044039.D

Acq: 09 Feb 2024 14:53

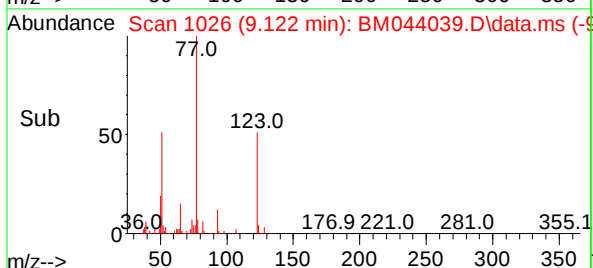
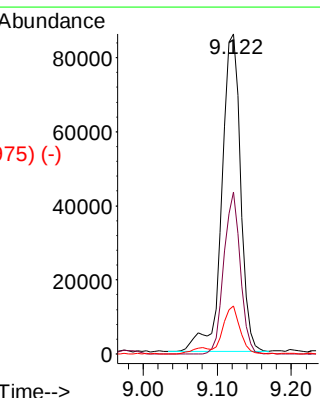
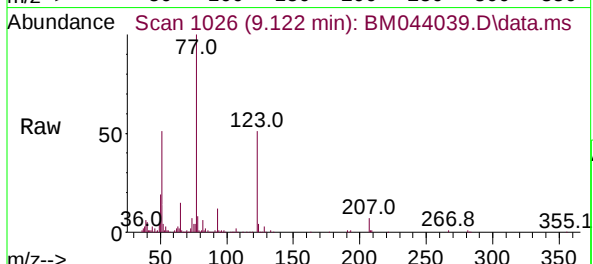
Tgt Ion: 77 Resp: 150724

Ion Ratio Lower Upper

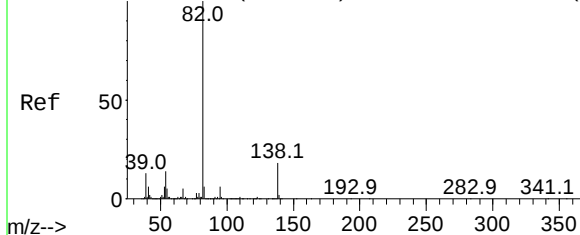
77 100

123 50.5 37.8 56.8

65 14.9 10.5 15.7



Abundance Scan 1116 (9.651 min): BM044023.D\data.ms (-11025) (-)

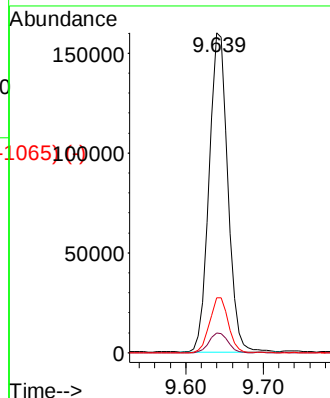
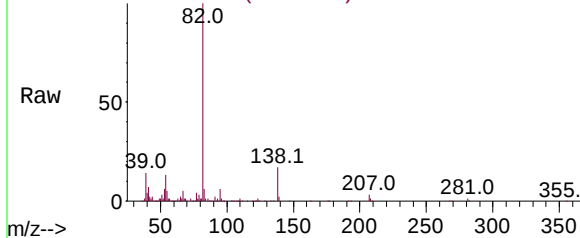


Isophorone
Concen: 3.606 ng
RT: 9.639 min Scan# 1114
Delta R.T. -0.012 min
Lab File: BM044039.D
Acq: 09 Feb 2024 14:53

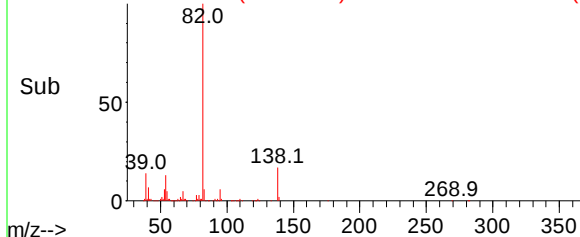
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 82 Resp: 266349
Ion Ratio Lower Upper
82 100
95 6.2 5.2 7.8
138 17.2 14.3 21.5

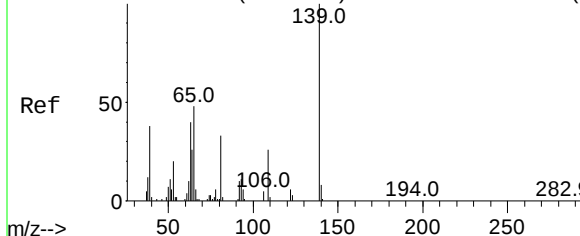
Abundance Scan 1114 (9.639 min): BM044039.D\data.ms



Abundance Scan 1114 (9.639 min): BM044039.D\data.ms (-10651005) (-)



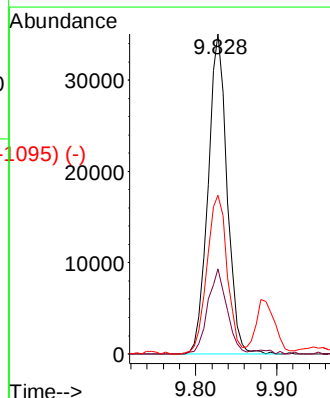
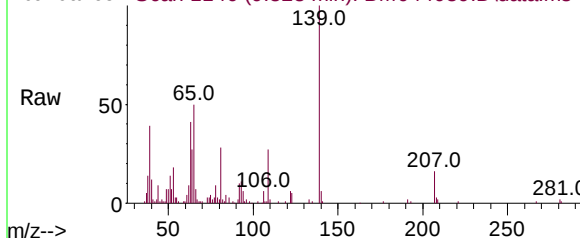
Abundance Scan 1146 (9.828 min): BM044023.D\data.ms (-11826) (-)



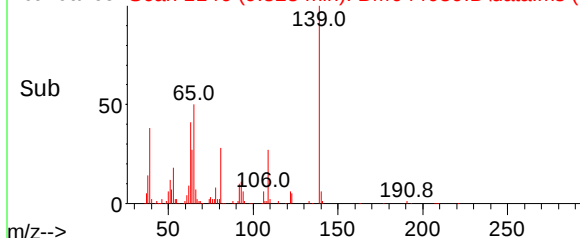
2-Nitrophenol
Concen: 3.113 ng
RT: 9.828 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BM044039.D
Acq: 09 Feb 2024 14:53

Tgt Ion: 139 Resp: 56689
Ion Ratio Lower Upper
139 100
109 26.6 21.2 31.8
65 49.6 38.5 57.7

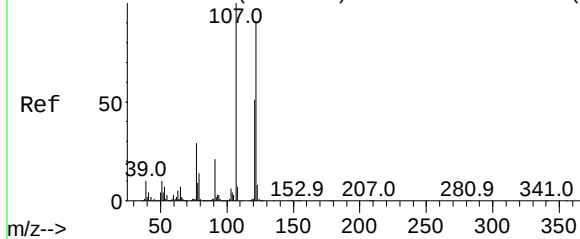
Abundance Scan 1146 (9.828 min): BM044039.D\data.ms



Abundance Scan 1146 (9.828 min): BM044039.D\data.ms (-1095) (-)



Abundance Scan 1157 (9.892 min): BM044023.D\data.ms (-1157) (-)



2,4-Dimethylphenol

Concen: 4.135 ng

RT: 9.886 min Scan# 1157

Delta R.T. -0.006 min

Lab File: BM044039.D

Acq: 09 Feb 2024 14:53

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

Tgt Ion:122 Resp: 96288

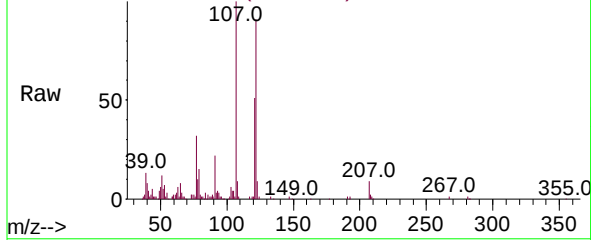
Ion Ratio Lower Upper

122 100

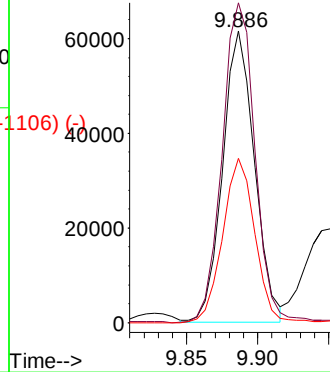
107 109.8 87.8 131.8

121 56.4 44.7 67.1

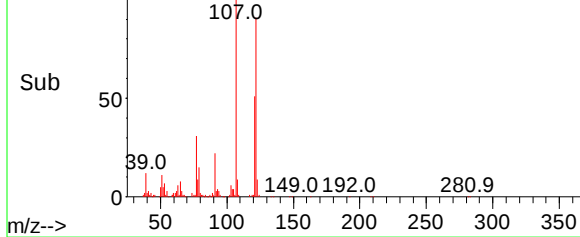
Abundance Scan 1156 (9.886 min): BM044039.D\data.ms



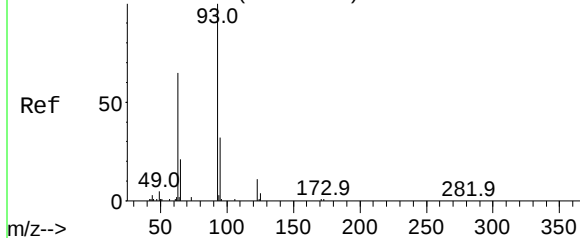
Abundance



Abundance Scan 1156 (9.886 min): BM044039.D\data.ms (-1106) (-)



Abundance Scan 1199 (10.139 min): BM044023.D\data.ms (-1129) (-)



bis(2-Chloroethoxy)methane

Concen: 3.759 ng

RT: 10.133 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BM044039.D

Acq: 09 Feb 2024 14:53

Tgt Ion: 93 Resp: 179549

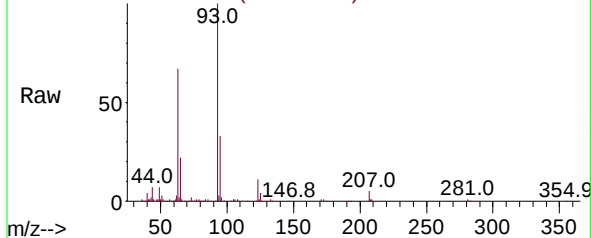
Ion Ratio Lower Upper

93 100

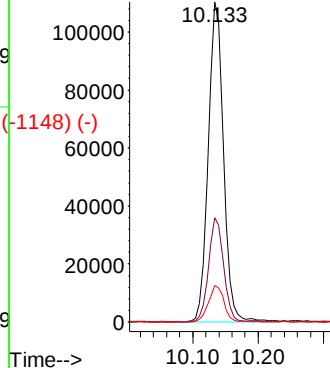
95 32.6 26.0 39.0

123 11.4 9.2 13.8

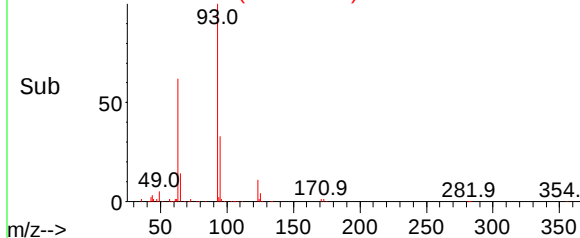
Abundance Scan 1198 (10.133 min): BM044039.D\data.ms

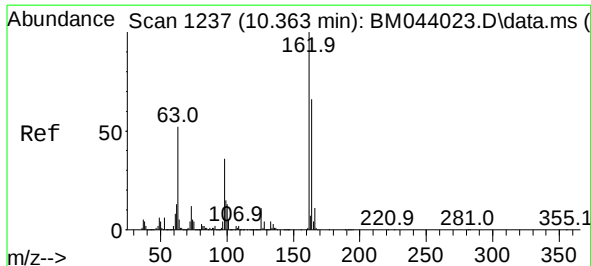


Abundance



Abundance Scan 1198 (10.133 min): BM044039.D\data.ms (-1148) (-)





2,4-Dichlorophenol

Concen: 3.360 ng

RT: 10.357 min Scan# 1236

Delta R.T. -0.006 min

Lab File: BM044039.D

Acq: 09 Feb 2024 14:53

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

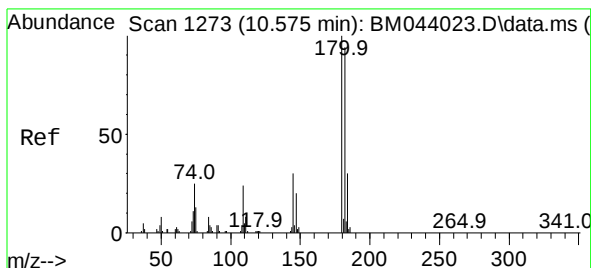
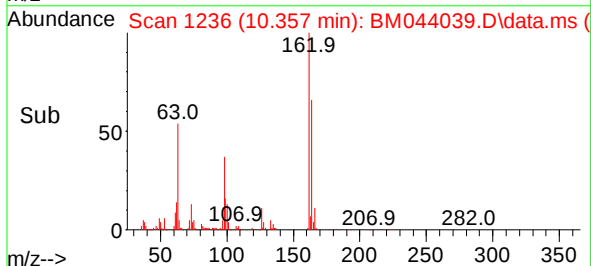
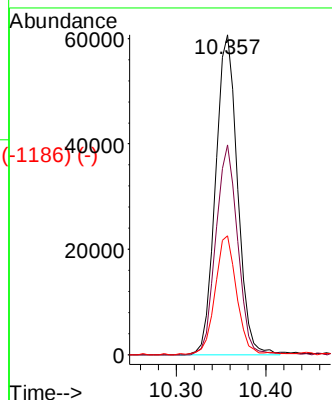
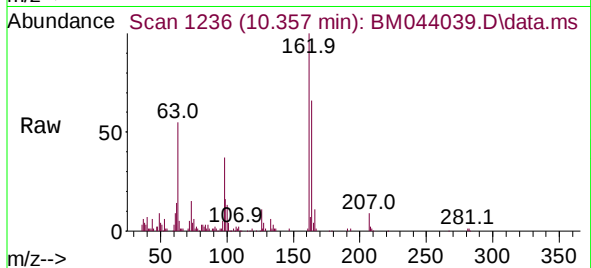
Tgt Ion:162 Resp: 103012

Ion Ratio Lower Upper

162 100

164 65.6 46.1 86.1

98 37.2 15.9 55.9



1,2,4-Trichlorobenzene

Concen: 3.623 ng

RT: 10.569 min Scan# 1272

Delta R.T. -0.006 min

Lab File: BM044039.D

Acq: 09 Feb 2024 14:53

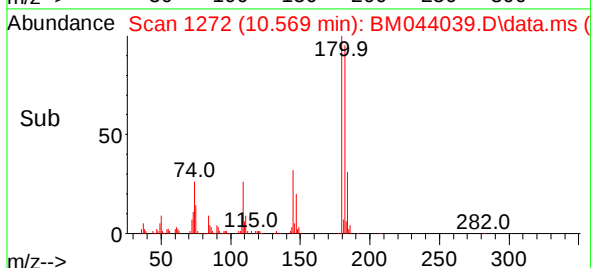
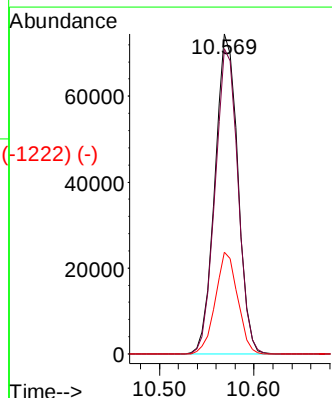
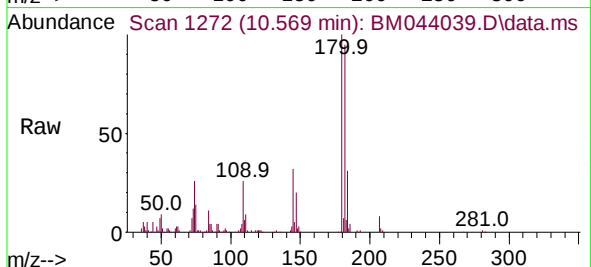
Tgt Ion:180 Resp: 124886

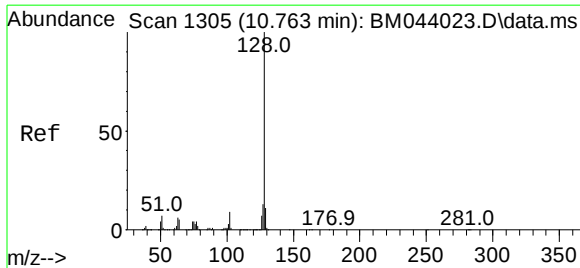
Ion Ratio Lower Upper

180 100

182 95.4 75.2 112.8

145 31.8 24.3 36.5

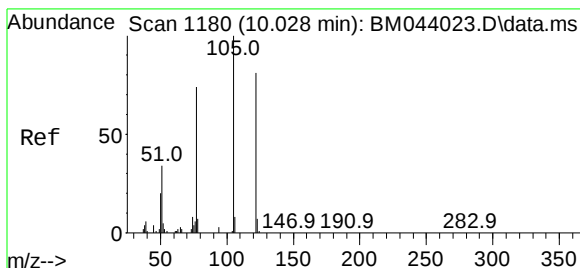
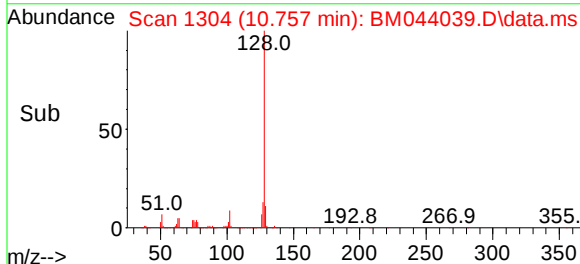
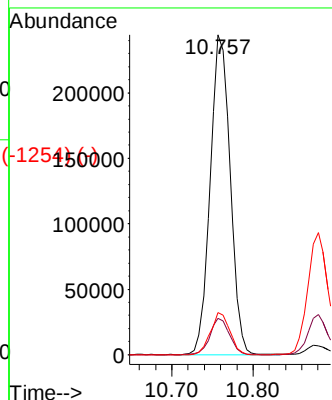
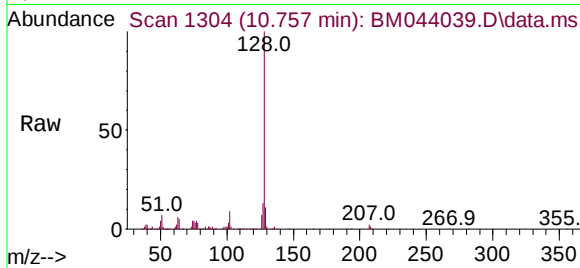




Naphthalene
 Concen: 3.702 ng
 RT: 10.757 min Scan# 1129
 Delta R.T. -0.006 min
 Lab File: BM044039.D
 Acq: 09 Feb 2024 14:53

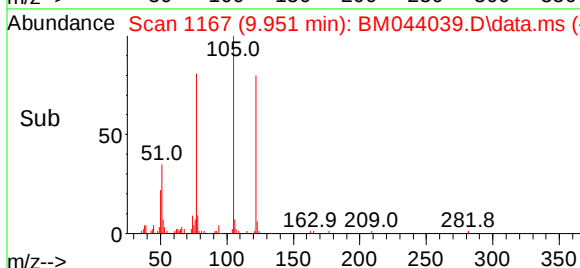
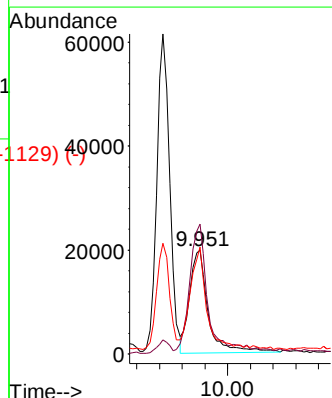
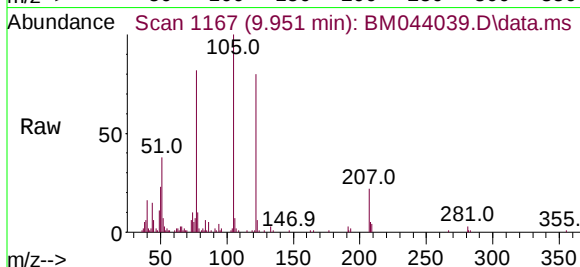
Instrument : BNA_M
 ClientSampleId : LOD-MDL-WATER-01-QT4-2023

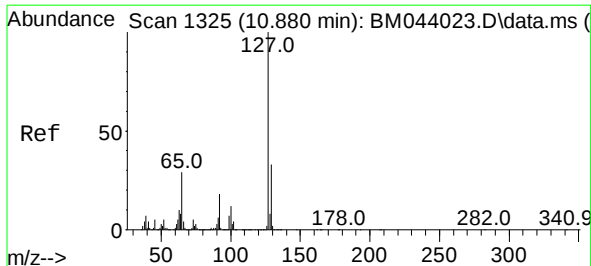
Tgt Ion:	128	Resp:	415875
Ion Ratio	Lower	Upper	
128	100		
129	11.3	9.0	13.4
127	13.1	10.3	15.5



Benzoic acid
 Concen: 1.931 ng
 RT: 9.951 min Scan# 1167
 Delta R.T. -0.077 min
 Lab File: BM044039.D
 Acq: 09 Feb 2024 14:53

Tgt Ion:	122	Resp:	45290
Ion Ratio	Lower	Upper	
122	100		
105	125.8	100.1	140.1
77	103.4	69.6	109.6



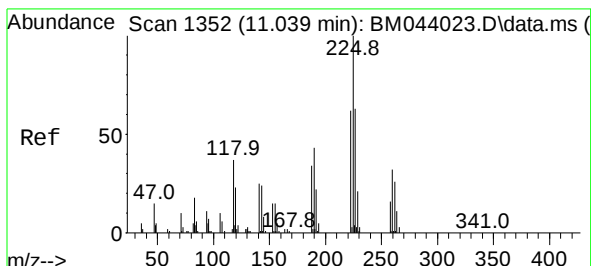
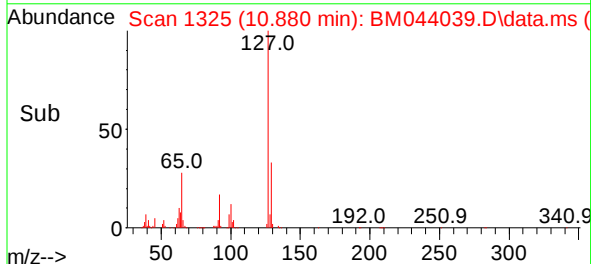
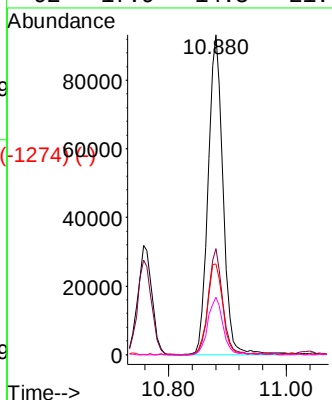
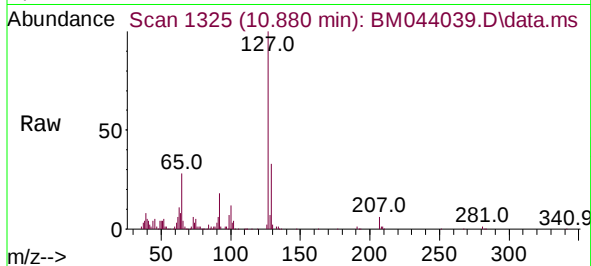


4-Chloroaniline
Concen: 3.852 ng
RT: 10.880 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BM044039.D
Acq: 09 Feb 2024 14:53

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

Tgt Ion:127 Resp: 163842

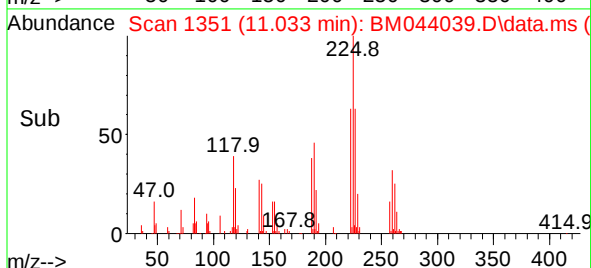
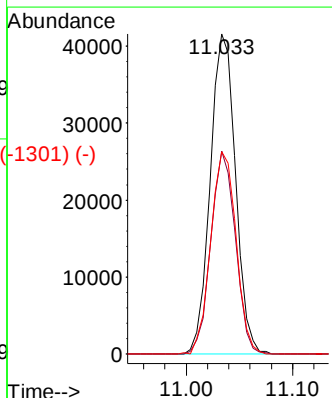
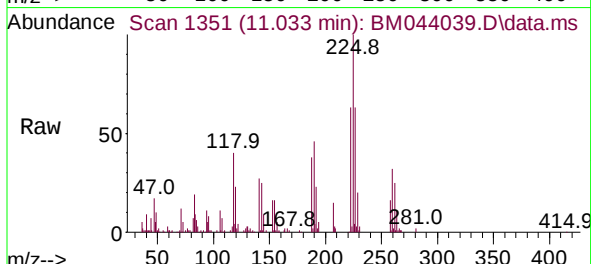
Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.0	39.0
65	28.5	23.0	34.6
92	17.9	14.5	21.7

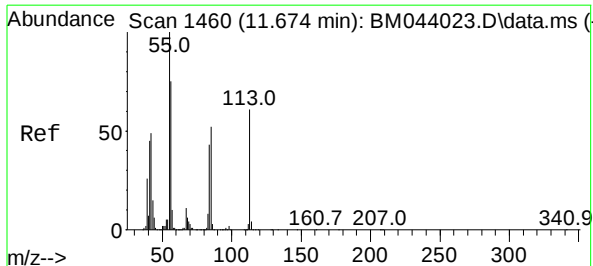


Hexachlorobutadiene
Concen: 3.480 ng
RT: 11.033 min Scan# 1351
Delta R.T. -0.006 min
Lab File: BM044039.D
Acq: 09 Feb 2024 14:53

Tgt Ion:225 Resp: 68659

Ion	Ratio	Lower	Upper
225	100		
223	63.4	49.9	74.9
227	63.1	50.6	76.0





Caprolactam

Concen: 2.930 ng

RT: 11.651 min Scan# 1456

Delta R.T. -0.024 min

Lab File: BM044039.D

Acq: 09 Feb 2024 14:53

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

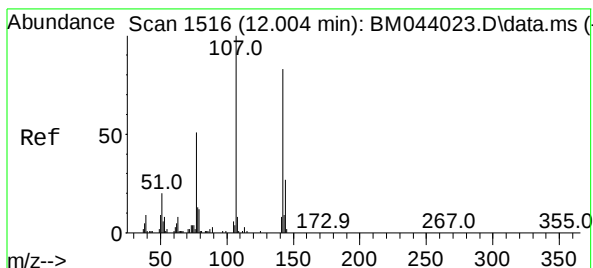
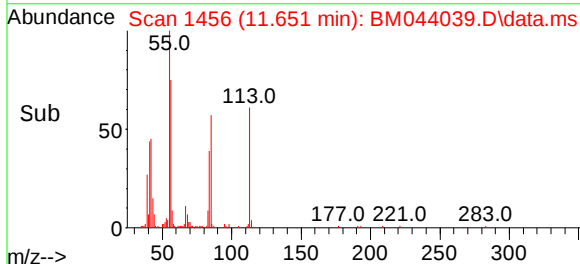
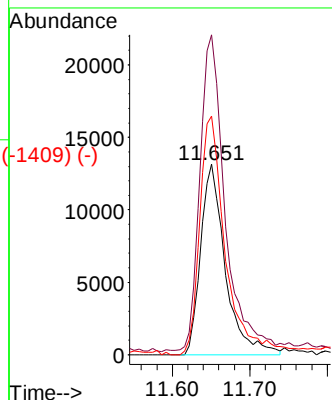
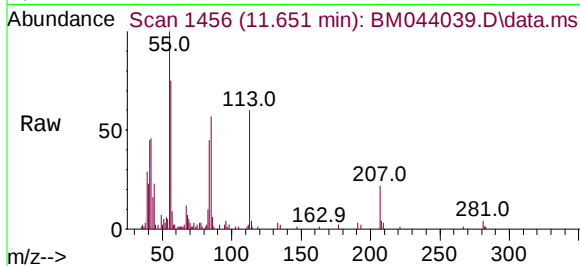
Tgt Ion:113 Resp: 28904

Ion Ratio Lower Upper

113 100

55 167.8 145.6 185.6

56 125.1 103.3 143.3



4-Chloro-3-methylphenol

Concen: 3.295 ng

RT: 11.998 min Scan# 1515

Delta R.T. -0.006 min

Lab File: BM044039.D

Acq: 09 Feb 2024 14:53

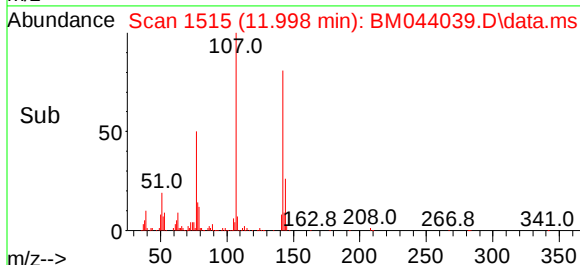
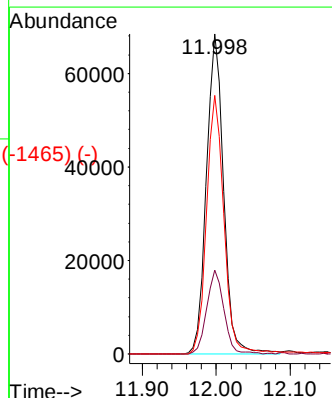
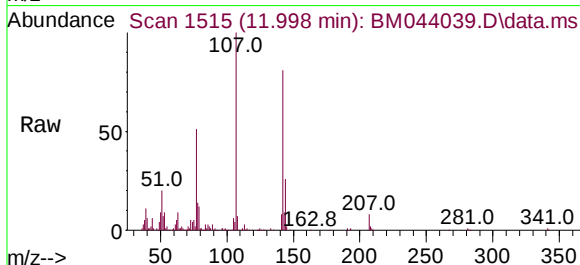
Tgt Ion:107 Resp: 109393

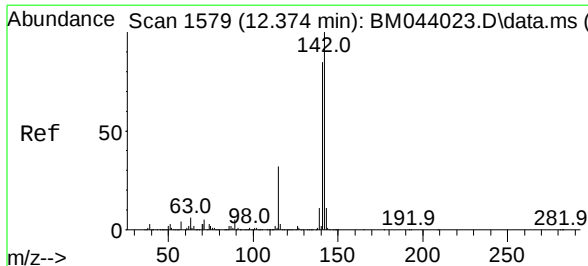
Ion Ratio Lower Upper

107 100

144 26.3 21.3 31.9

142 80.9 66.2 99.4



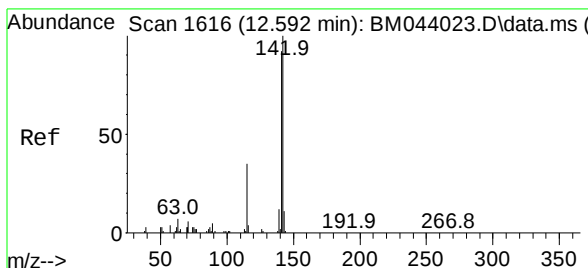
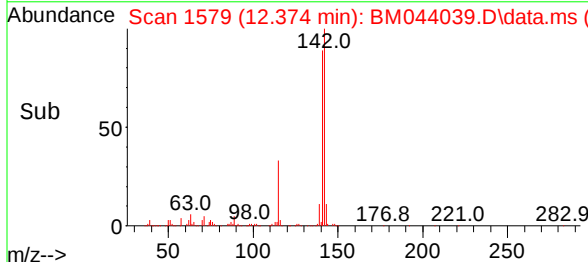
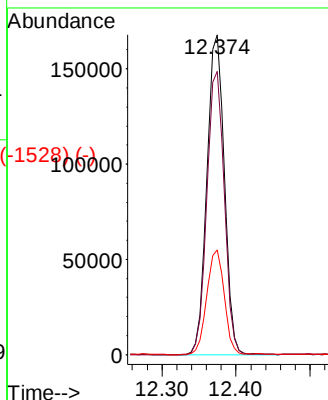
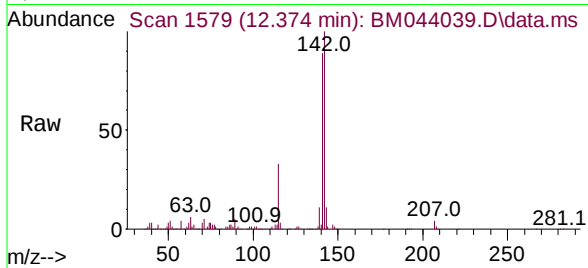


2-Methylnaphthalene
Concen: 3.635 ng
RT: 12.374 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BM044039.D
Acq: 09 Feb 2024 14:53

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

Tgt Ion:142 Resp: 271982

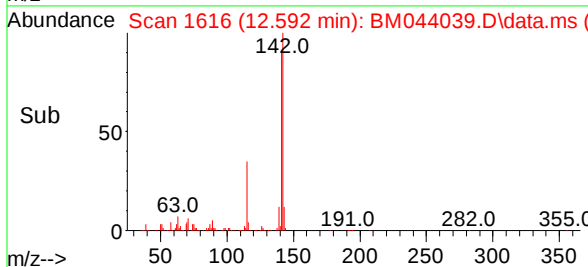
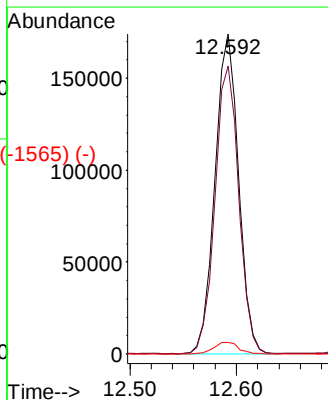
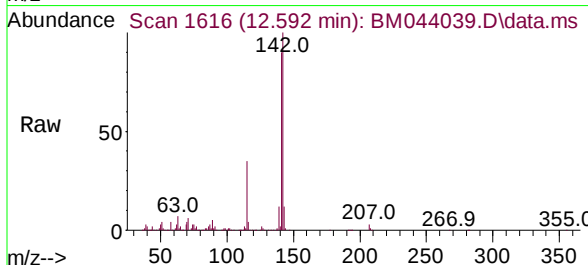
Ion	Ratio	Lower	Upper
142	100		
141	88.6	68.3	102.5
115	32.7	25.7	38.5

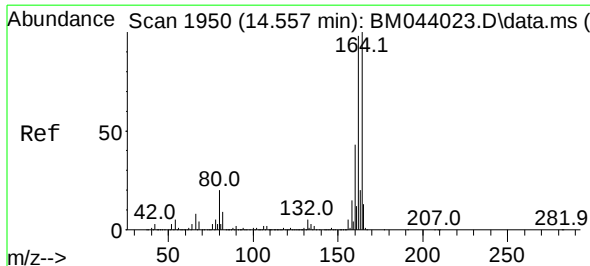


1-Methylnaphthalene
Concen: 3.665 ng
RT: 12.592 min Scan# 1616
Delta R.T. 0.000 min
Lab File: BM044039.D
Acq: 09 Feb 2024 14:53

Tgt Ion:142 Resp: 269458

Ion	Ratio	Lower	Upper
142	100		
141	90.1	73.4	110.0
116	3.6	3.0	4.4





Acenaphthene-d10

Concen: 20.000 ng

RT: 14.551 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM044039.D

Acq: 09 Feb 2024 14:53

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

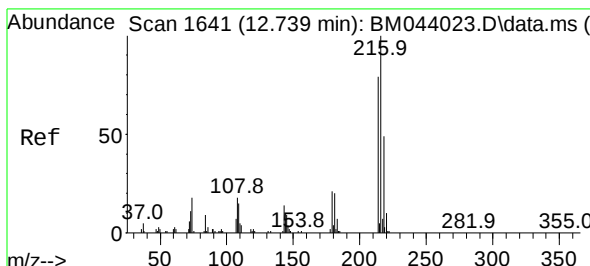
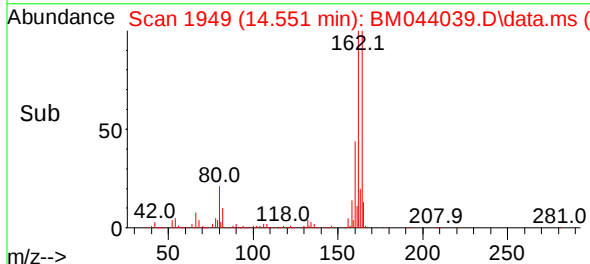
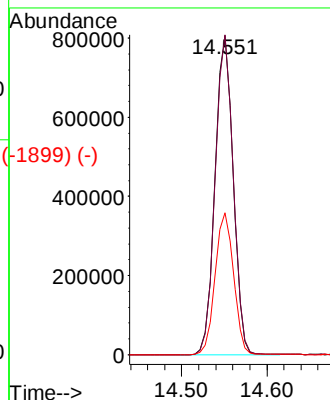
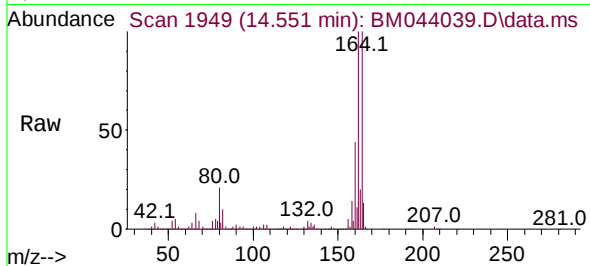
Tgt Ion:164 Resp: 1184314

Ion Ratio Lower Upper

164 100

162 100.3 78.4 117.6

160 44.4 34.6 51.8



1,2,4,5-Tetrachlorobenzene

Concen: 3.796 ng

RT: 12.733 min Scan# 1640

Delta R.T. -0.006 min

Lab File: BM044039.D

Acq: 09 Feb 2024 14:53

Tgt Ion:216 Resp: 130683

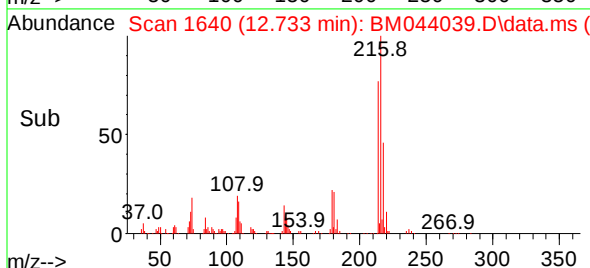
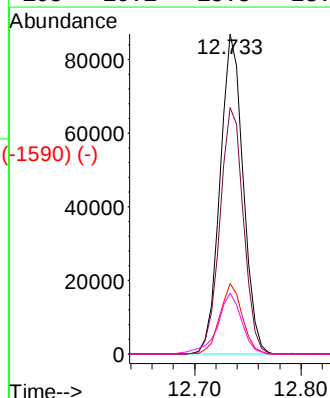
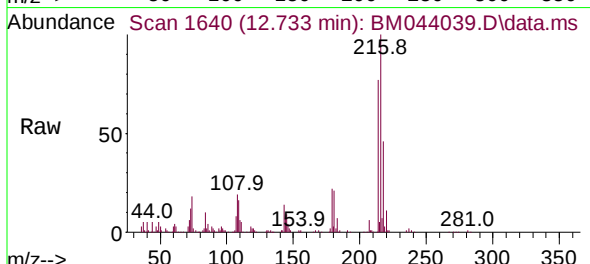
Ion Ratio Lower Upper

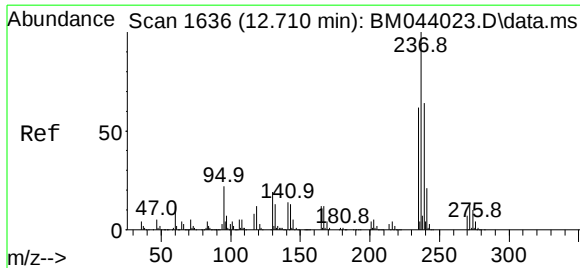
216 100

214 78.4 63.1 94.7

179 21.4 17.0 25.6

108 20.1 15.8 23.8

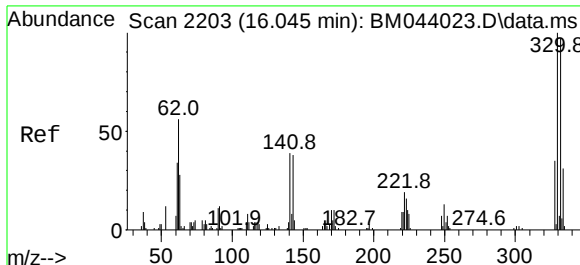
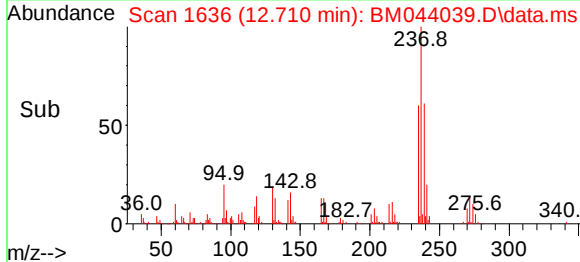
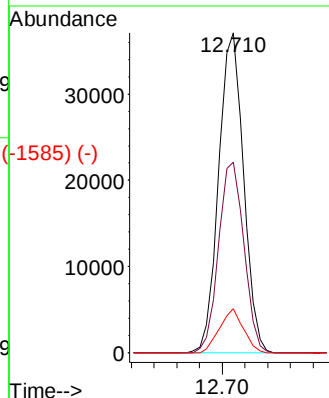
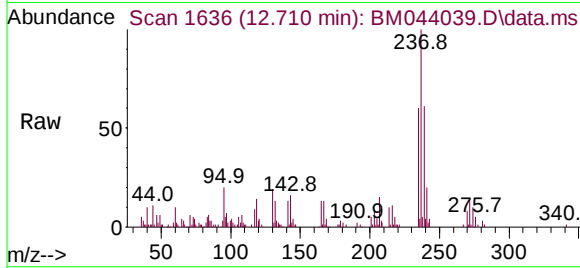




Hexachlorocyclopentadiene
 Concen: 3.751 ng
 RT: 12.710 min Scan# 1636
 Delta R.T. 0.000 min
 Lab File: BM044039.D
 Acq: 09 Feb 2024 14:53

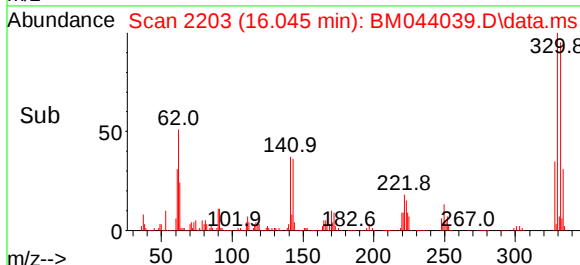
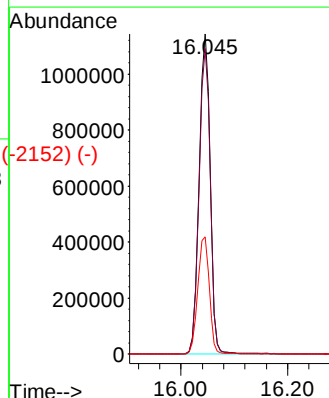
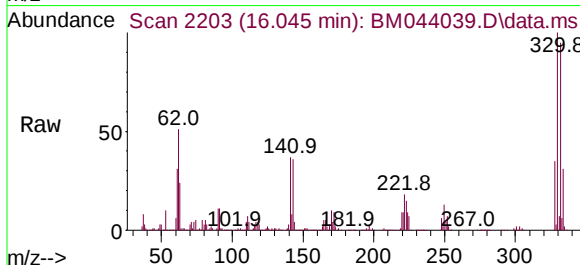
Instrument : BNA_M
 ClientSampleId : LOD-MDL-WATER-01-QT4-2023

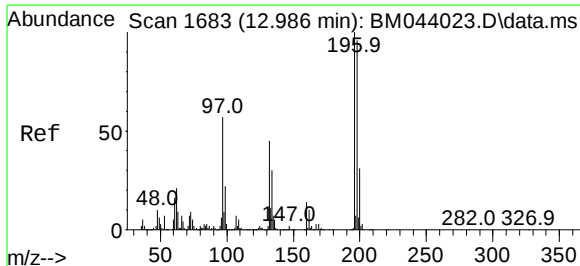
Tgt Ion:	237	Resp:	56357
Ion	Ratio	Lower	Upper
237	100		
235	59.5	42.4	82.4
272	13.7	0.0	33.3



2,4,6-Tribromophenol
 Concen: 127.866 ng
 RT: 16.045 min Scan# 2203
 Delta R.T. 0.000 min
 Lab File: BM044039.D
 Acq: 09 Feb 2024 14:53

Tgt Ion:	330	Resp:	1639605
Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.7	116.5
141	38.0	31.0	46.4

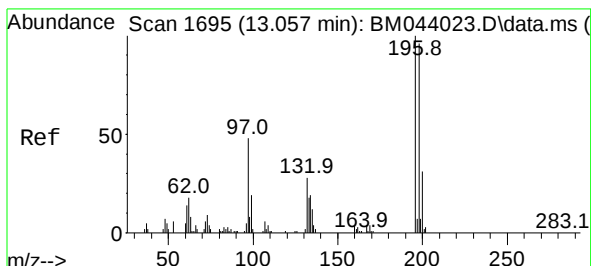
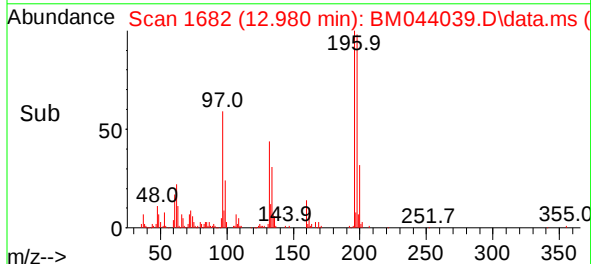
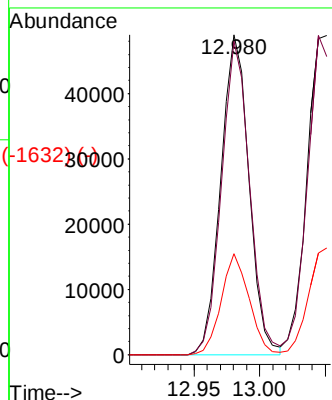
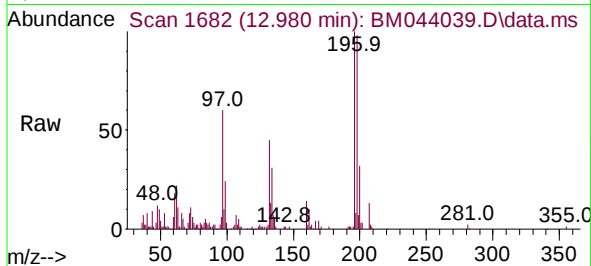




2,4,6-Trichlorophenol
Concen: 3.129 ng
RT: 12.980 min Scan# 1673
Delta R.T. -0.006 min
Lab File: BM044039.D
Acq: 09 Feb 2024 14:53

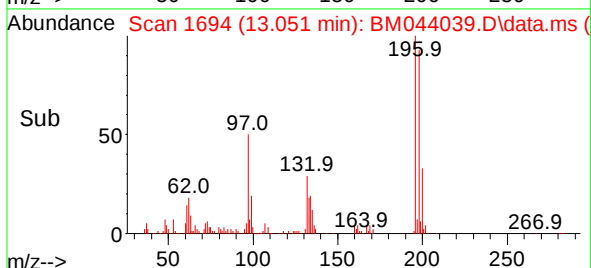
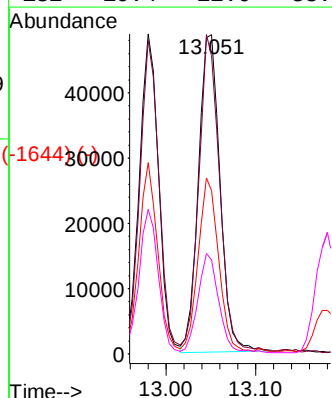
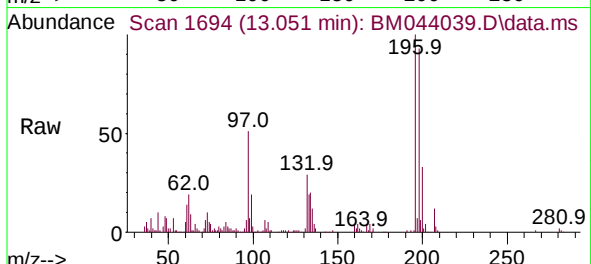
Instrument : BNA_M
ClientSampleId : LOD-MDL-WATER-01-QT4-2023

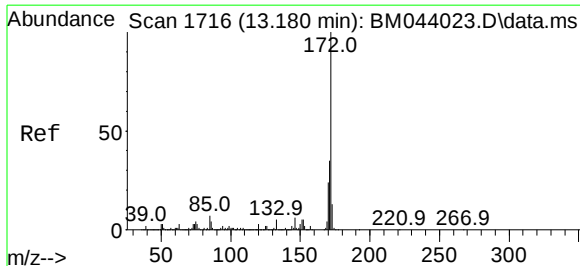
Tgt Ion:196 Resp: 73308
Ion Ratio Lower Upper
196 100
198 98.0 76.8 115.2
200 31.6 24.6 37.0



2,4,5-Trichlorophenol
Concen: 3.156 ng
RT: 13.051 min Scan# 1694
Delta R.T. -0.006 min
Lab File: BM044039.D
Acq: 09 Feb 2024 14:53

Tgt Ion:196 Resp: 81146
Ion Ratio Lower Upper
196 100
198 93.3 76.9 115.3
97 51.1 39.0 58.4
132 29.4 22.6 33.8



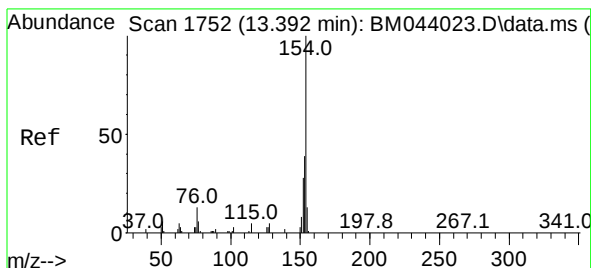
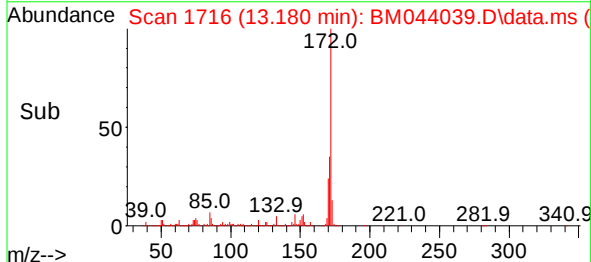
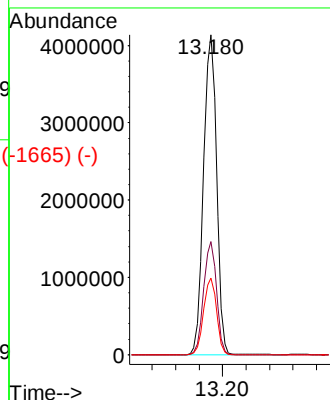
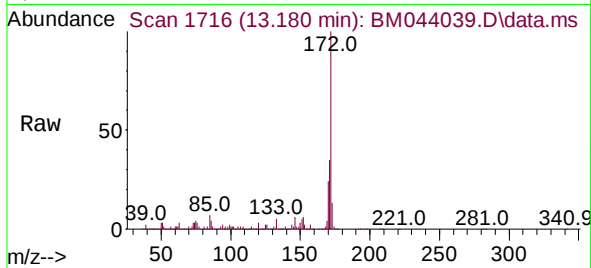


2-Fluorobiphenyl
Concen: 76.100 ng
RT: 13.180 min Scan# 1716
Delta R.T. 0.000 min
Lab File: BM044039.D
Acq: 09 Feb 2024 14:53

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

Tgt Ion:172 Resp: 6385956

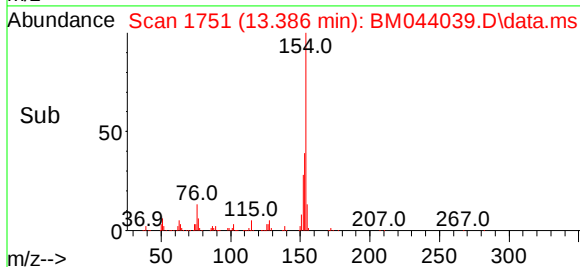
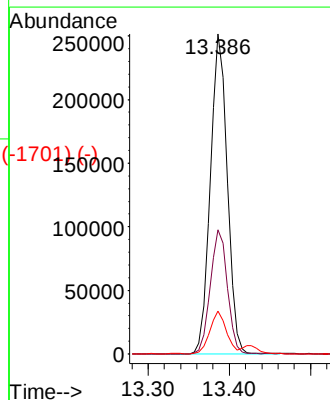
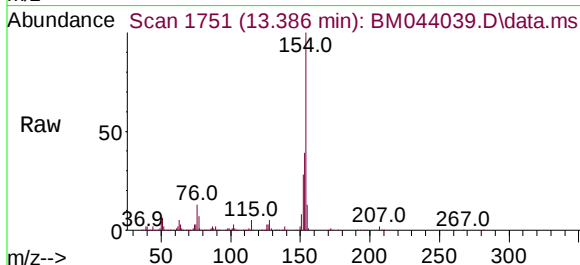
Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.9	41.9
170	24.0	19.0	28.4

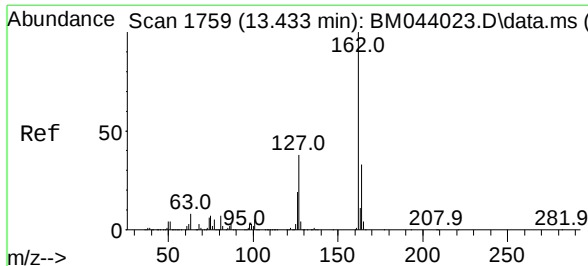


1,1'-Biphenyl
Concen: 3.875 ng
RT: 13.386 min Scan# 1751
Delta R.T. -0.006 min
Lab File: BM044039.D
Acq: 09 Feb 2024 14:53

Tgt Ion:154 Resp: 362093

Ion	Ratio	Lower	Upper
154	100		
153	38.8	19.4	59.4
76	13.4	0.0	32.9

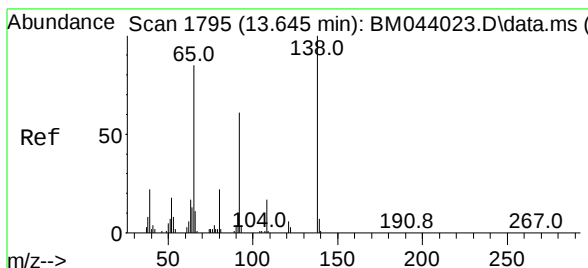
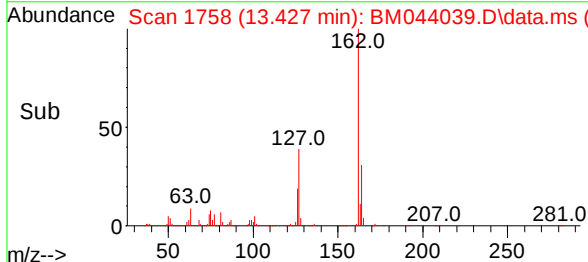
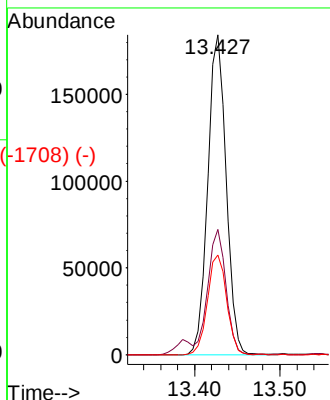
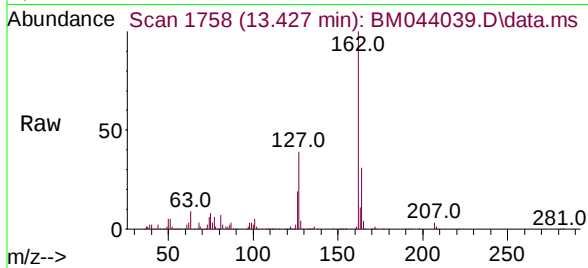




2-Chloronaphthalene
Concen: 3.741 ng
RT: 13.427 min Scan# 1748
Delta R.T. -0.006 min
Lab File: BM044039.D
Acq: 09 Feb 2024 14:53

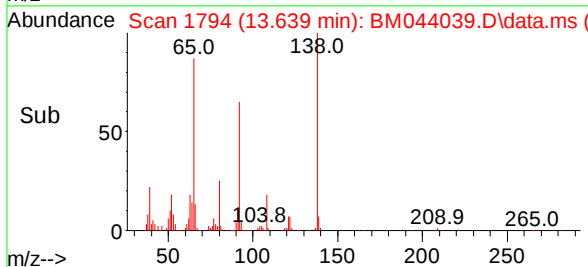
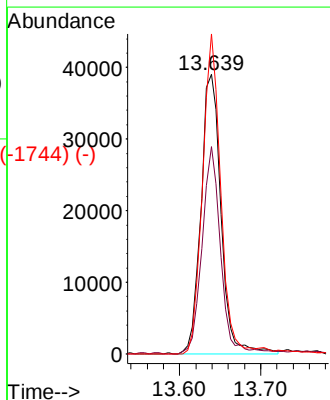
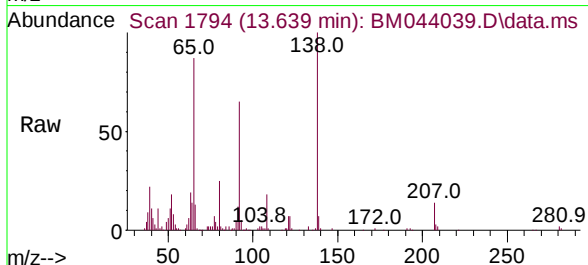
Instrument : BNA_M
ClientSampleId : LOD-MDL-WATER-01-QT4-2023

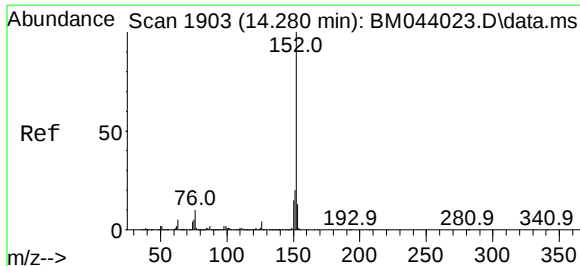
Tgt Ion:	162	Resp:	276918
Ion	Ratio	Lower	Upper
162	100		
127	39.2	30.9	46.3
164	31.1	26.4	39.6



2-Nitroaniline
Concen: 3.209 ng
RT: 13.639 min Scan# 1794
Delta R.T. -0.006 min
Lab File: BM044039.D
Acq: 09 Feb 2024 14:53

Tgt Ion:	65	Resp:	66839
Ion	Ratio	Lower	Upper
65	100		
92	74.1	58.1	87.1
138	114.4	94.6	142.0

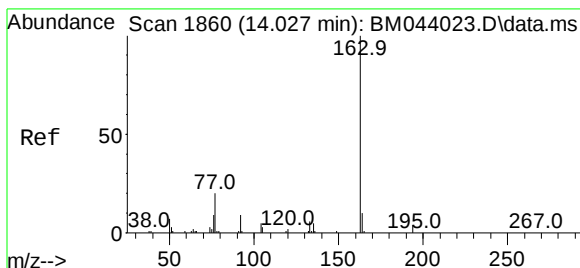
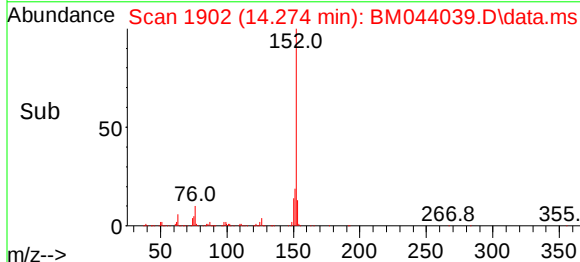
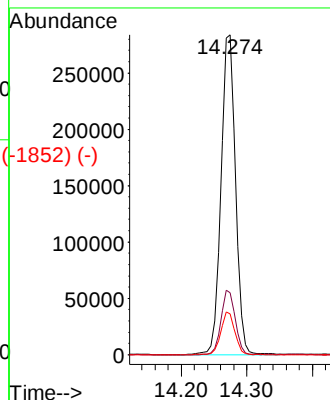
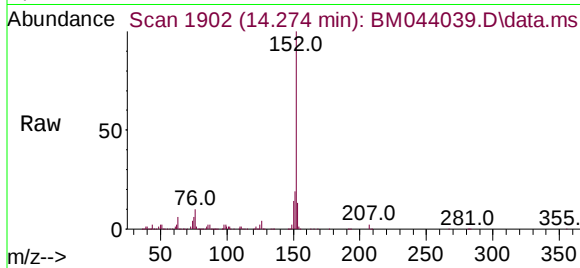




Acenaphthylene
Concen: 3.967 ng
RT: 14.274 min Scan# 1849
Delta R.T. -0.006 min
Lab File: BM044039.D
Acq: 09 Feb 2024 14:53

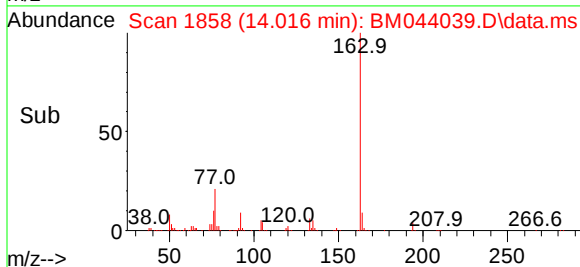
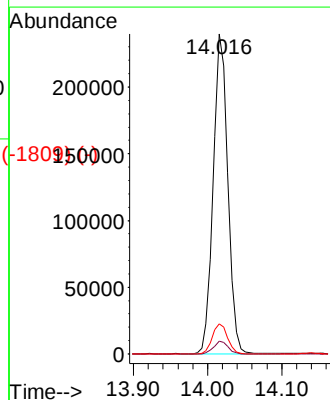
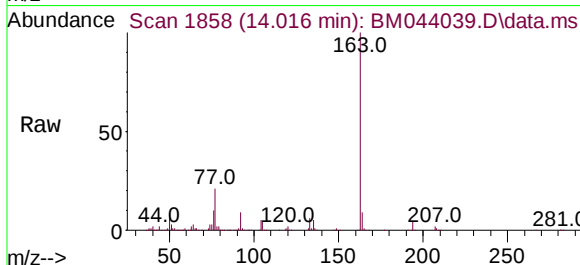
Instrument : BNA_M
ClientSampleId : LOD-MDL-WATER-01-QT4-2023

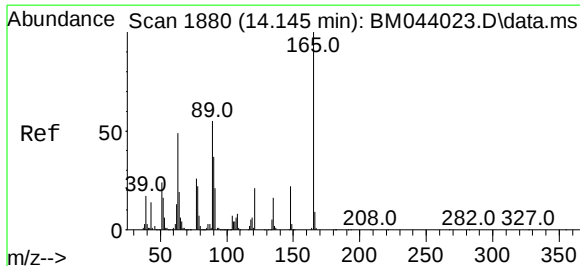
Tgt Ion:152 Resp: 438079
Ion Ratio Lower Upper
152 100
151 19.3 15.8 23.6
153 12.8 10.5 15.7



Dimethylphthalate
Concen: 3.756 ng
RT: 14.016 min Scan# 1858
Delta R.T. -0.012 min
Lab File: BM044039.D
Acq: 09 Feb 2024 14:53

Tgt Ion:163 Resp: 329832
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 9.5 8.2 12.2

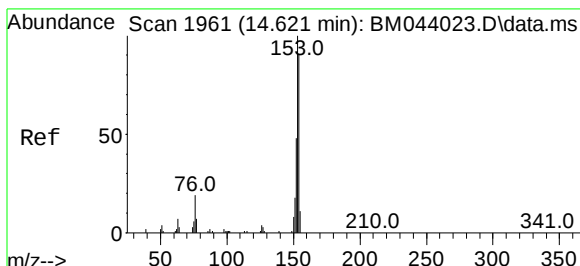
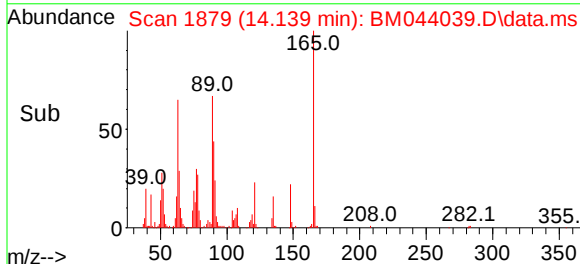
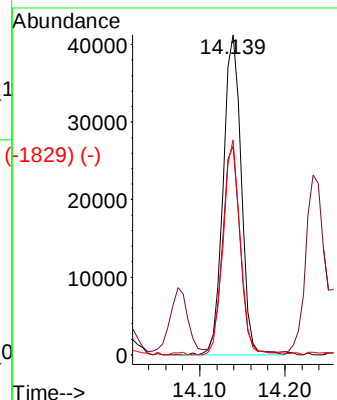
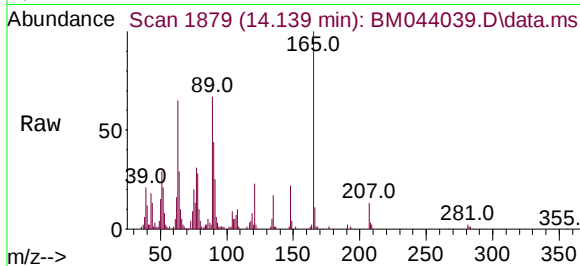




Scan 1880 (14.145 min): BM044023.D\data.ms (-1852) (-)
 2,6-Dinitrotoluene
 Concen: 3.096 ng
 RT: 14.139 min Scan# 1879
 Delta R.T. -0.006 min
 Lab File: BM044039.D
 Acq: 09 Feb 2024 14:53

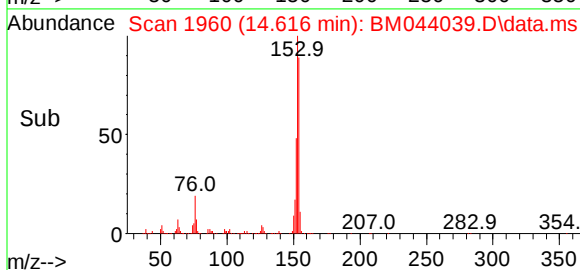
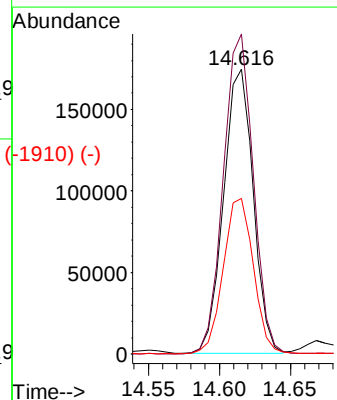
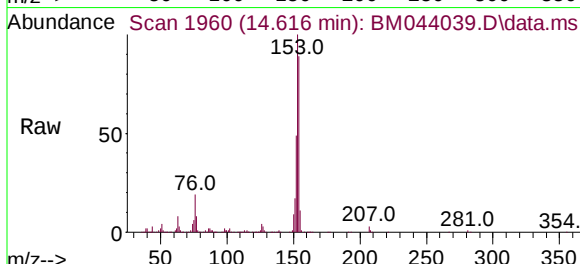
Instrument : BNA_M
 ClientSampleId : LOD-MDL-WATER-01-QT4-2023

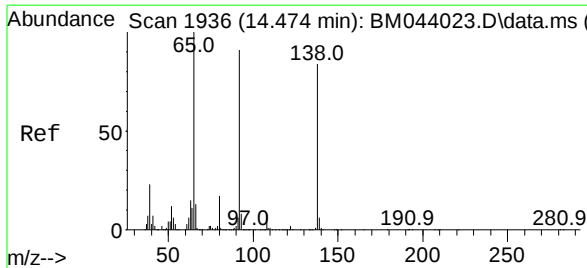
Tgt Ion:	165	Resp:	59976
Ion Ratio	Lower	Upper	
165	100		
63	65.2	43.5	65.3
89	67.2	44.4	66.6



Scan 1961 (14.621 min): BM044023.D\data.ms (-1952) (-)
 Acenaphthene
 Concen: 3.729 ng
 RT: 14.616 min Scan# 1960
 Delta R.T. -0.006 min
 Lab File: BM044039.D
 Acq: 09 Feb 2024 14:53

Tgt Ion:	154	Resp:	254868
Ion Ratio	Lower	Upper	
154	100		
153	112.3	89.3	133.9
152	54.5	43.0	64.6





3-Nitroaniline

Concen: 3.145 ng

RT: 14.468 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM044039.D

Acq: 09 Feb 2024 14:53

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

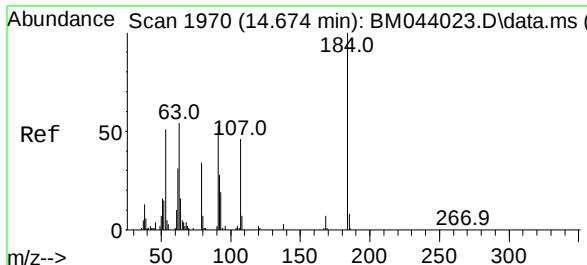
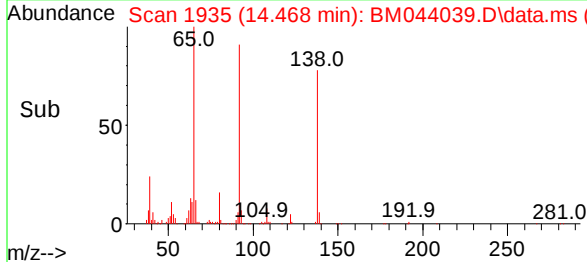
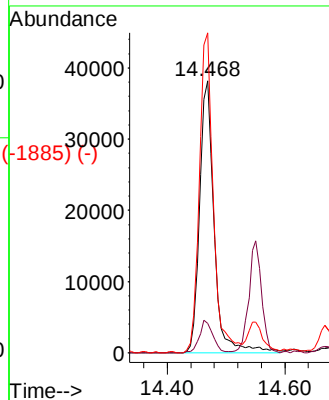
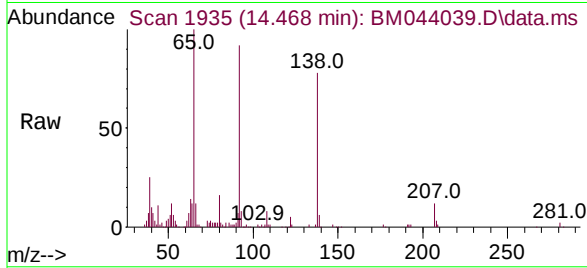
Tgt Ion:138 Resp: 65488

Ion Ratio Lower Upper

138 100

108 10.8 7.6 11.4

92 117.6 86.5 129.7



2,4-Dinitrophenol

Concen: 7.175 ng

RT: 14.668 min Scan# 1969

Delta R.T. -0.006 min

Lab File: BM044039.D

Acq: 09 Feb 2024 14:53

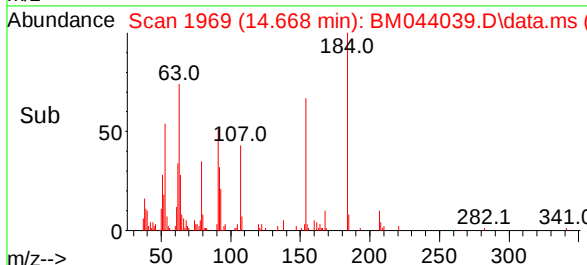
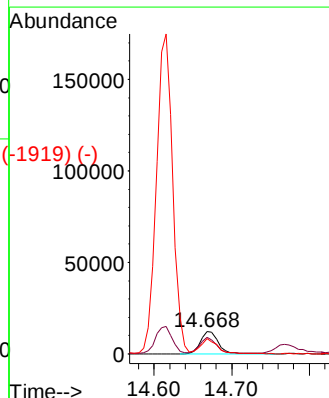
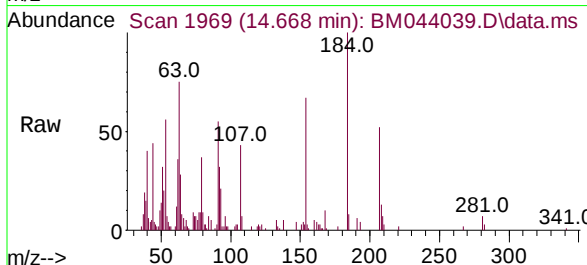
Tgt Ion:184 Resp: 19845

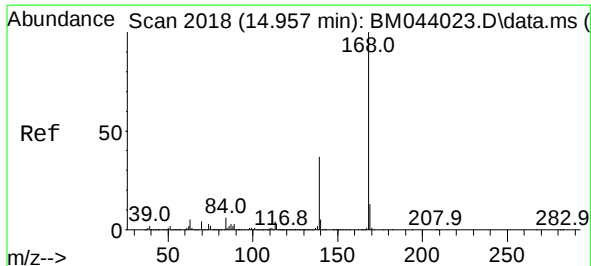
Ion Ratio Lower Upper

184 100

63 75.3 55.4 83.2

154 67.1 49.2 73.8





Dibenzenofuran

Concen: 3.928 ng

RT: 14.951 min Scan# 2

Delta R.T. -0.006 min

Lab File: BM044039.D

Acq: 09 Feb 2024 14:53

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

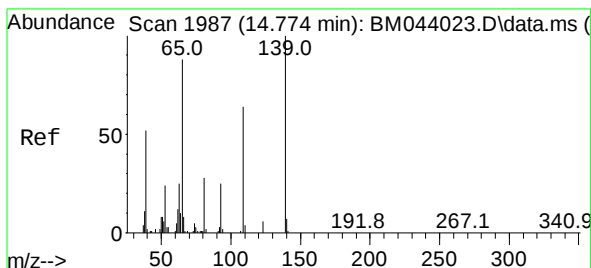
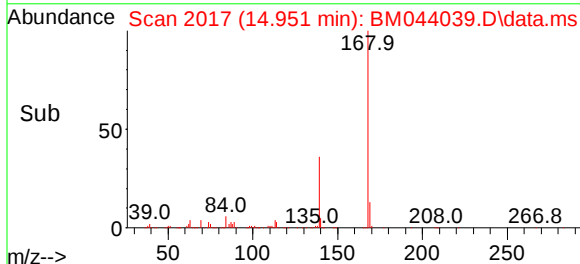
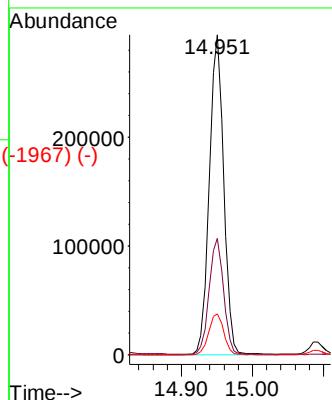
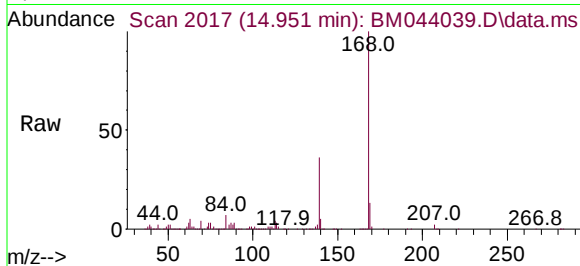
Tgt Ion:168 Resp: 415557

Ion Ratio Lower Upper

168 100

139 36.4 29.6 44.4

169 12.8 10.5 15.7



4-Nitrophenol

Concen: 2.514 ng

RT: 14.768 min Scan# 1986

Delta R.T. -0.006 min

Lab File: BM044039.D

Acq: 09 Feb 2024 14:53

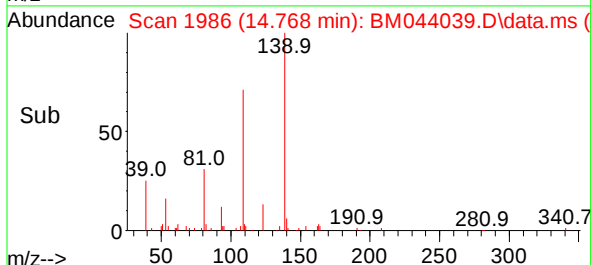
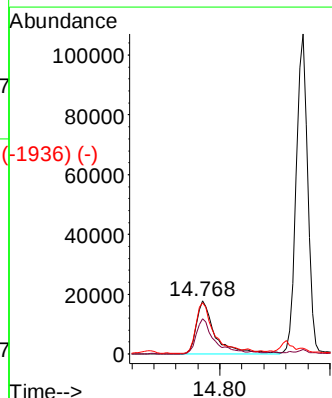
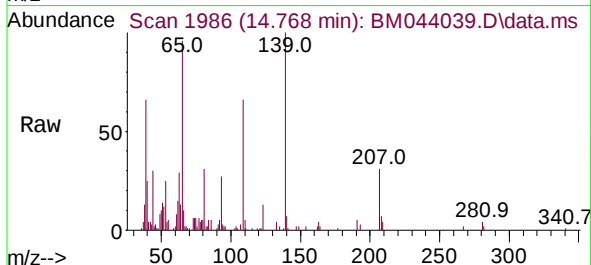
Tgt Ion:139 Resp: 42557

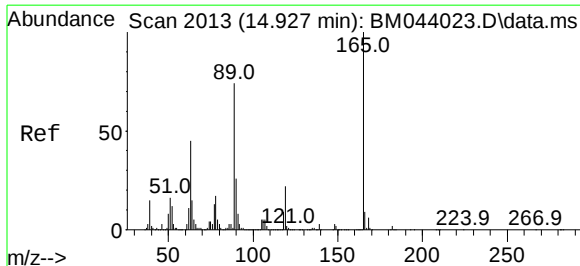
Ion Ratio Lower Upper

139 100

109 66.1 43.8 83.8

65 96.2 67.7 107.7





2,4-Dinitrotoluene

Concen: 2.905 ng

RT: 14.921 min Scan# 2

Delta R.T. -0.006 min

Lab File: BM044039.D

Acq: 09 Feb 2024 14:53

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

Tgt Ion:165 Resp: 73548

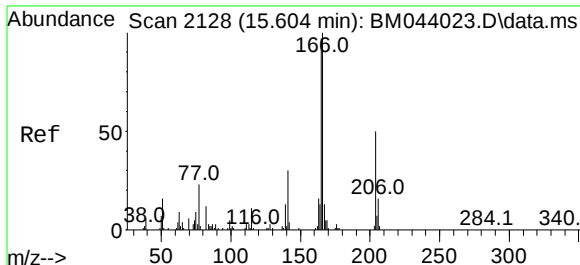
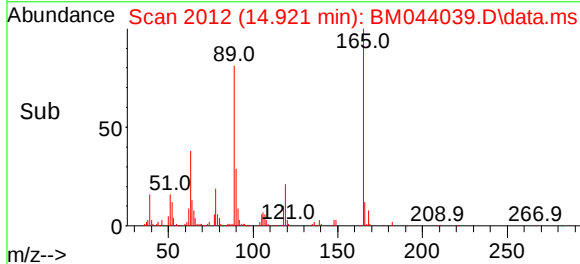
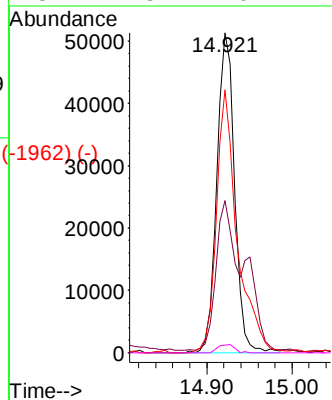
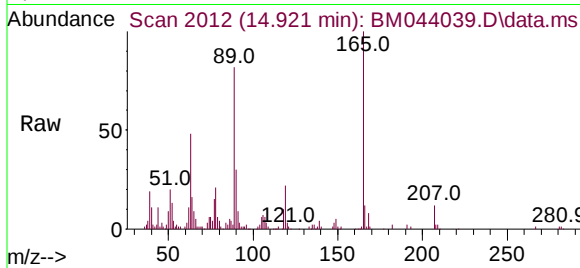
Ion Ratio Lower Upper

165 100

63 47.6 35.9 53.9

89 82.1 58.9 88.3

182 2.3 1.9 2.9



Fluorene

Concen: 3.940 ng

RT: 15.598 min Scan# 2127

Delta R.T. -0.006 min

Lab File: BM044039.D

Acq: 09 Feb 2024 14:53

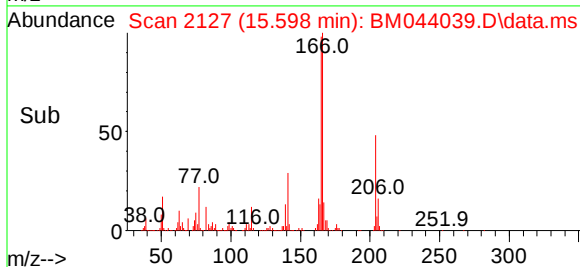
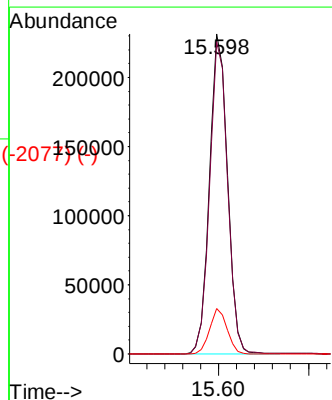
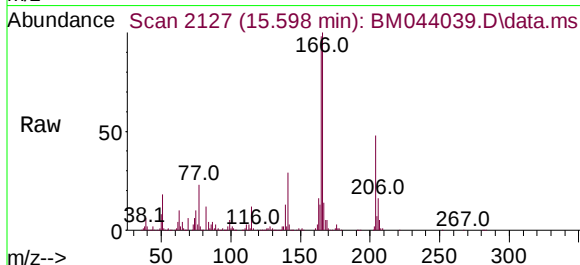
Tgt Ion:166 Resp: 322089

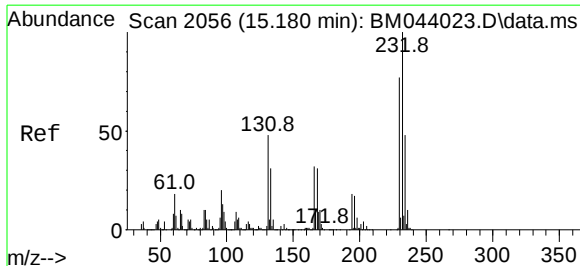
Ion Ratio Lower Upper

166 100

165 97.7 77.7 116.5

167 14.3 10.7 16.1



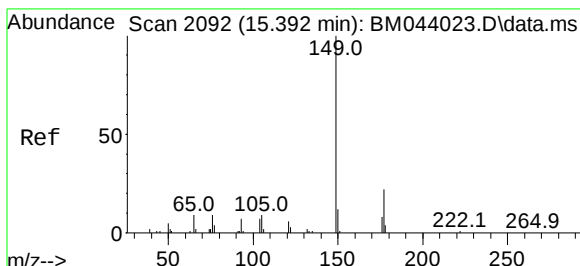
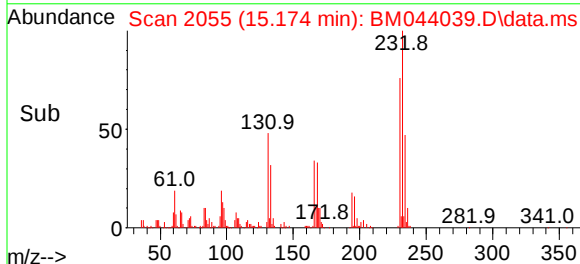
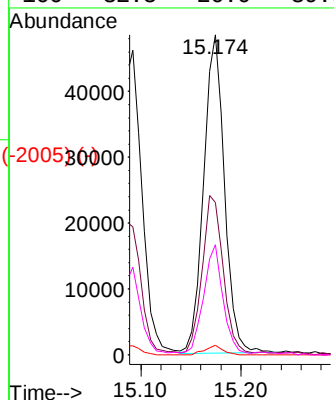
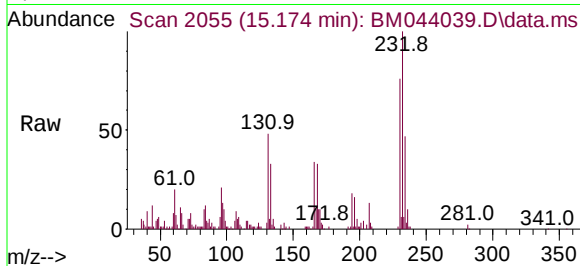


2,3,4,6-Tetrachlorophenol
Concen: 3.437 ng
RT: 15.174 min Scan# 2055
Delta R.T. -0.006 min
Lab File: BM044039.D
Acq: 09 Feb 2024 14:53

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

Tgt Ion:232 Resp: 69331

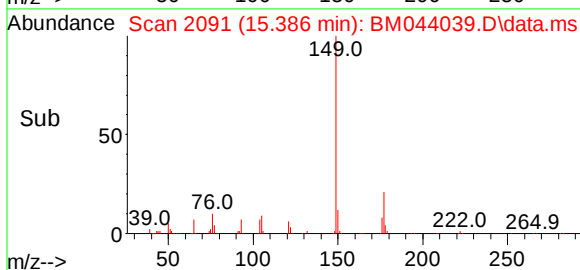
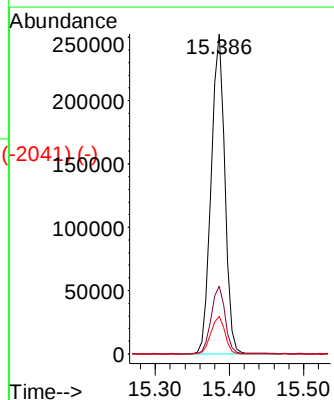
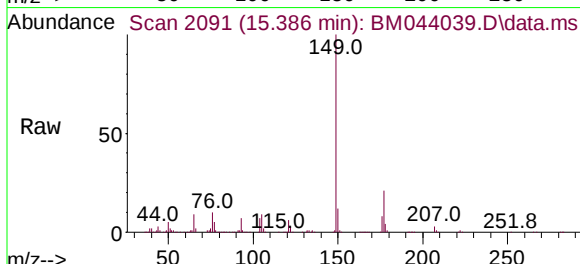
Ion	Ratio	Lower	Upper
232	100		
131	49.7	39.5	59.3
130	2.5	2.0	3.0
166	32.5	26.0	39.0

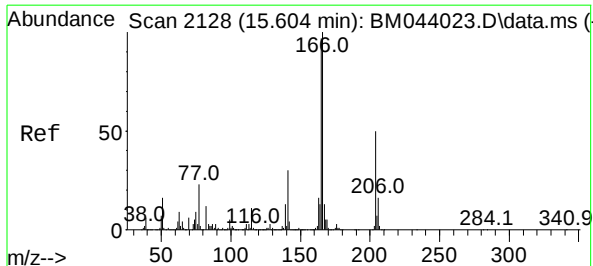


Diethylphthalate
Concen: 3.552 ng
RT: 15.386 min Scan# 2091
Delta R.T. -0.006 min
Lab File: BM044039.D
Acq: 09 Feb 2024 14:53

Tgt Ion:149 Resp: 322367

Ion	Ratio	Lower	Upper
149	100		
177	21.3	17.5	26.3
150	11.9	9.8	14.6





4-Chlorophenyl-phenylether

Concen: 3.957 ng

RT: 15.598 min Scan# 2127

Delta R.T. -0.006 min

Lab File: BM044039.D

Acq: 09 Feb 2024 14:53

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

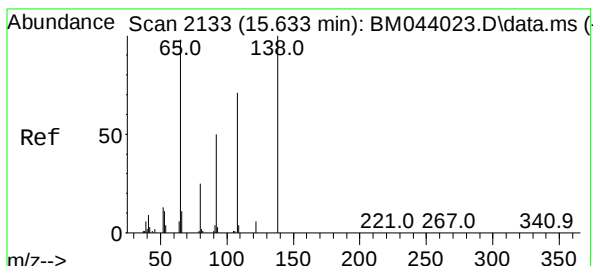
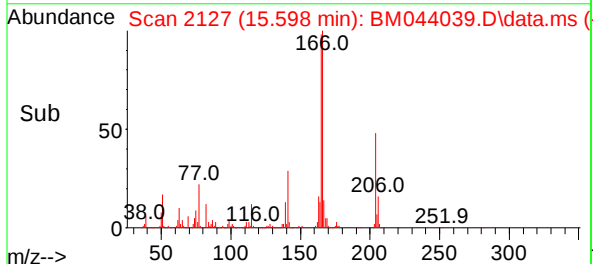
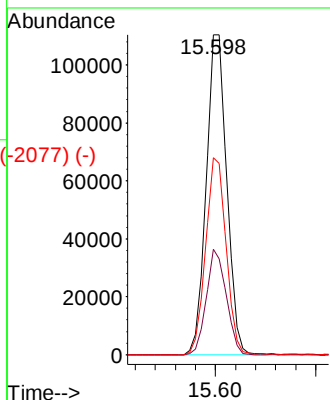
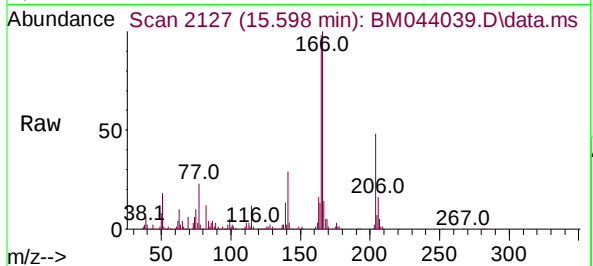
Tgt Ion:204 Resp: 156756

Ion Ratio Lower Upper

204 100

206 32.9 26.3 39.5

141 61.6 47.7 71.5



4-Nitroaniline

Concen: 2.764 ng

RT: 15.627 min Scan# 2132

Delta R.T. -0.006 min

Lab File: BM044039.D

Acq: 09 Feb 2024 14:53

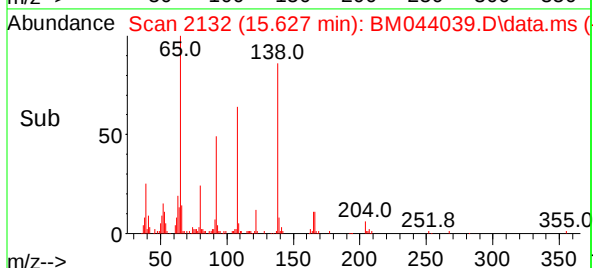
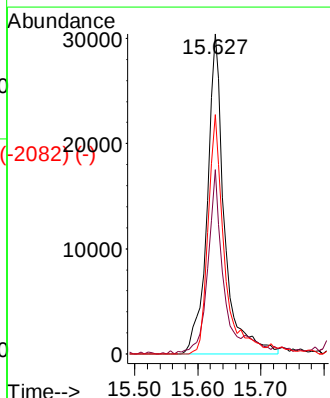
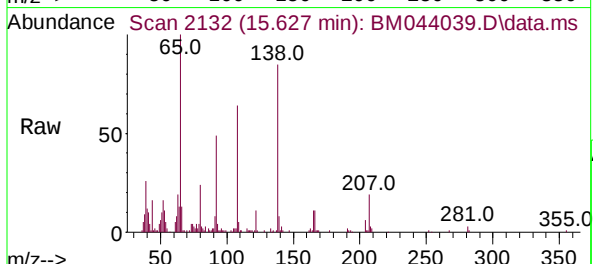
Tgt Ion:138 Resp: 57935

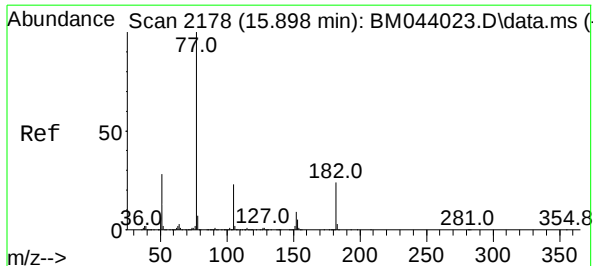
Ion Ratio Lower Upper

138 100

92 57.5 29.6 69.6

108 74.9 47.8 87.8



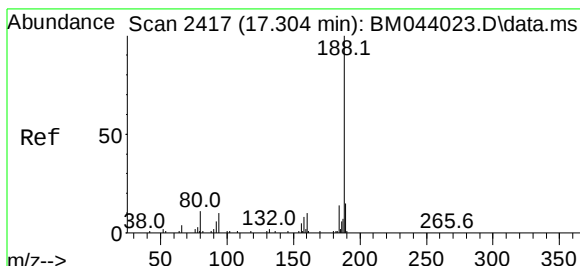
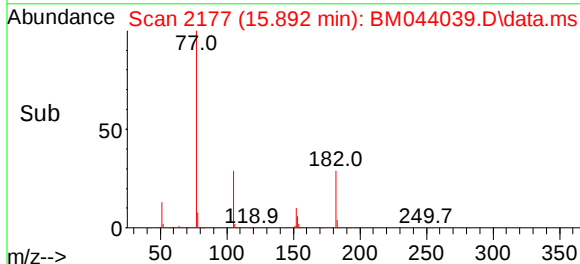
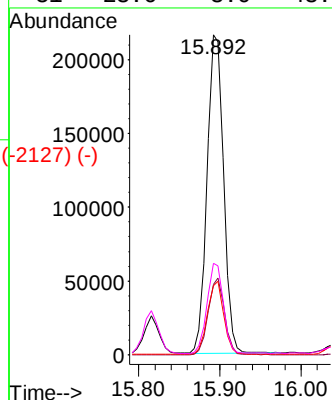
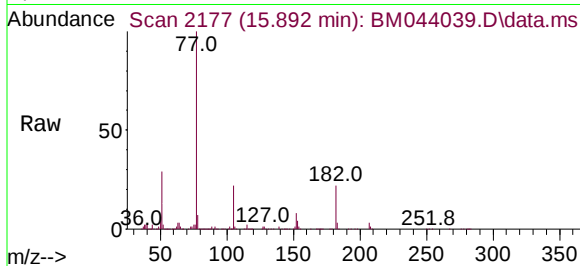


Azobenzene
Concen: 3.574 ng
RT: 15.892 min Scan# 2177
Delta R.T. -0.006 min
Lab File: BM044039.D
Acq: 09 Feb 2024 14:53

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

Tgt Ion: 77 Resp: 304291

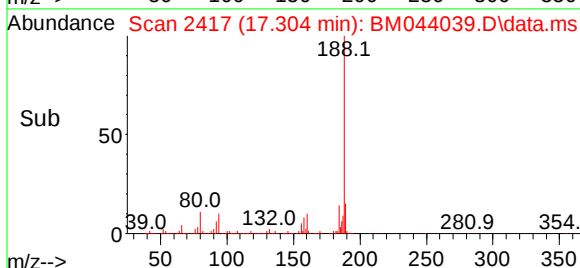
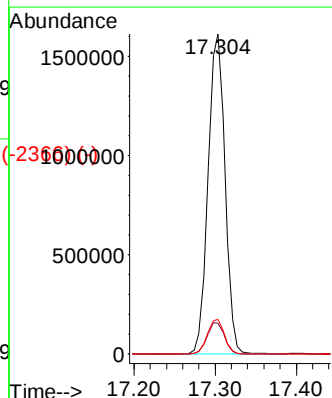
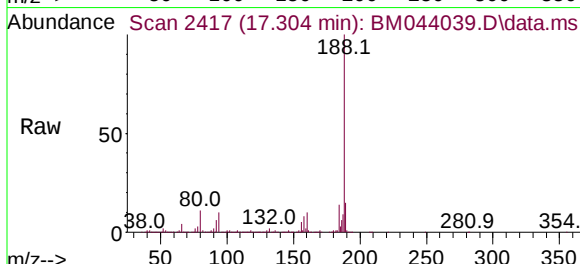
Ion	Ratio	Lower	Upper
77	100		
182	22.0	4.0	44.0
105	21.6	3.3	43.3
51	28.6	8.0	48.0

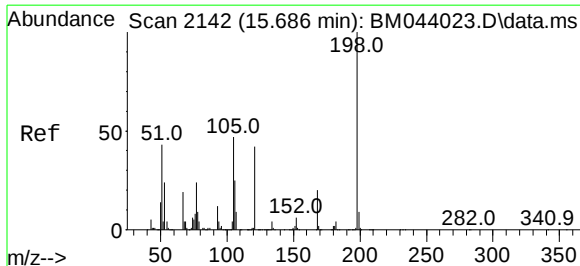


Phenanthrene-d10
Concen: 20.000 ng
RT: 17.304 min Scan# 2417
Delta R.T. 0.000 min
Lab File: BM044039.D
Acq: 09 Feb 2024 14:53

Tgt Ion: 188 Resp: 2324924

Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.2	12.2
80	10.8	8.8	13.2

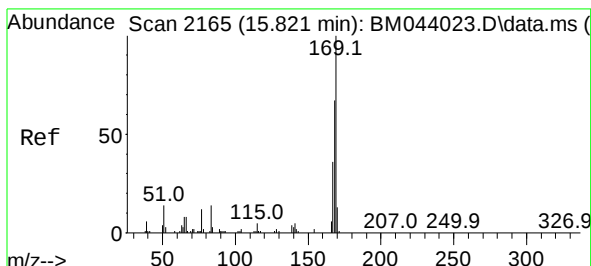
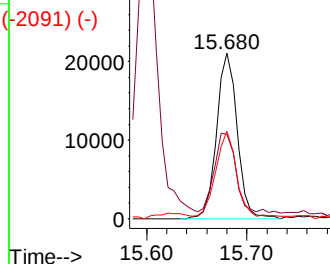
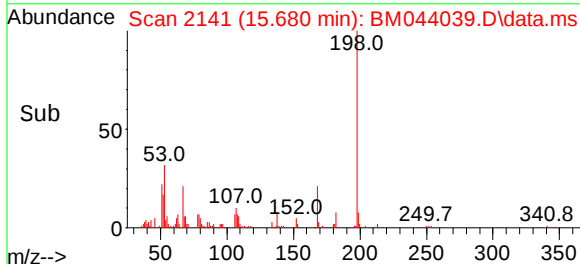
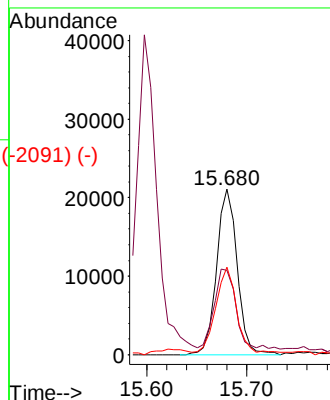
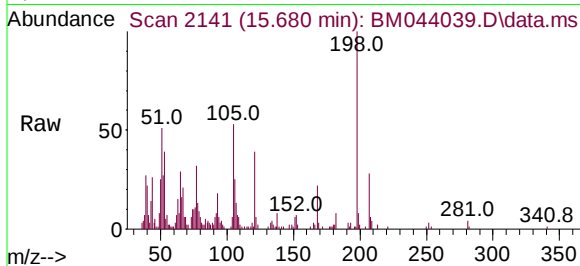




Scan 2142 (15.686 min): BM044023.D\data.ms (-2163) (-)
 4,6-Dinitro-2-methylphenol
 Concen: 2.158 ng
 RT: 15.680 min Scan# 2141
 Delta R.T. -0.006 min
 Lab File: BM044039.D
 Acq: 09 Feb 2024 14:53

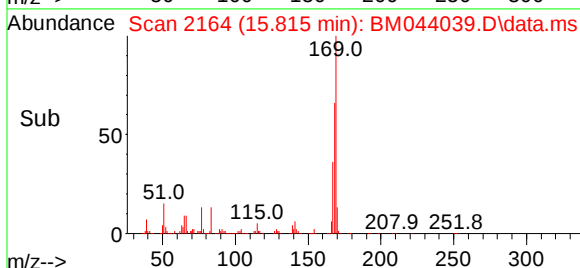
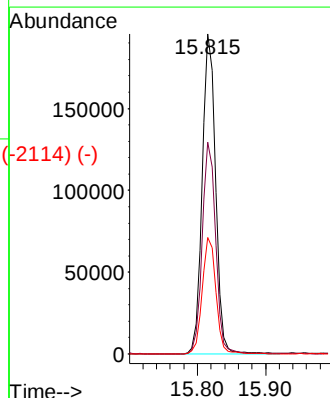
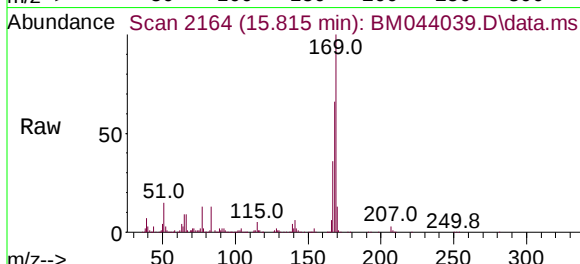
Instrument : BNA_M
 ClientSampleId : LOD-MDL-WATER-01-QT4-2023

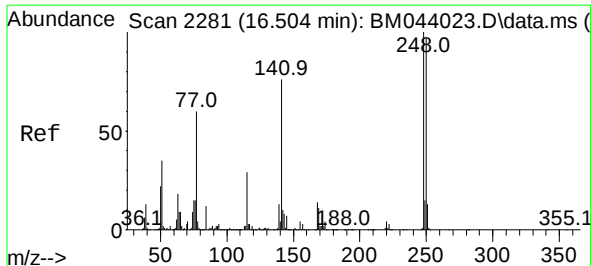
Tgt Ion:	198	Resp:	29902
Ion Ratio	Lower	Upper	
198	100		
51	51.0	29.9	69.9
105	52.8	28.7	68.7



Scan 2165 (15.821 min): BM044023.D\data.ms (-2166) (-)
 n-Nitrosodiphenylamine
 Concen: 3.779 ng
 RT: 15.815 min Scan# 2164
 Delta R.T. -0.006 min
 Lab File: BM044039.D
 Acq: 09 Feb 2024 14:53

Tgt Ion:	169	Resp:	266925
Ion Ratio	Lower	Upper	
169	100		
168	66.2	53.8	80.8
167	36.5	29.2	43.8

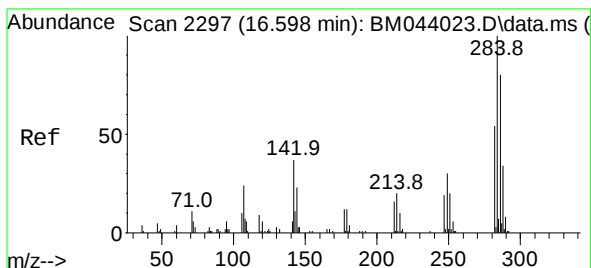
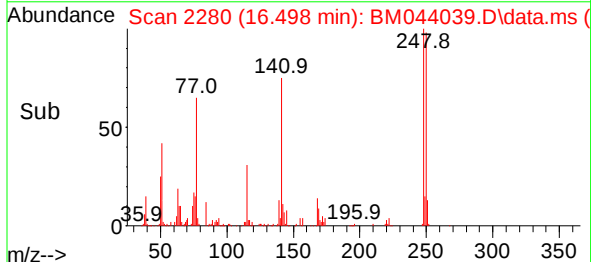
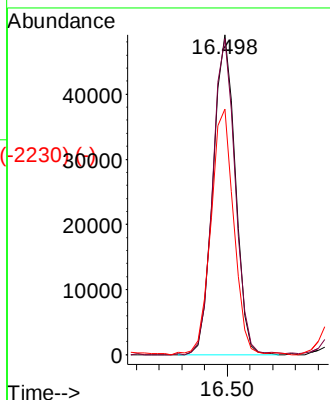
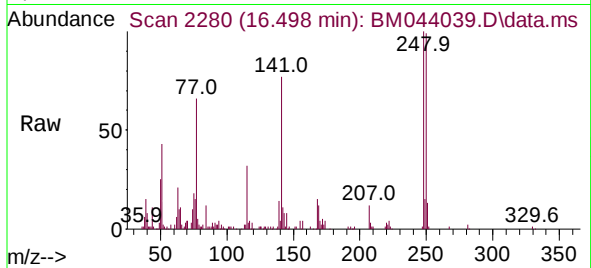




4-Bromophenyl-phenylether
 Concen: 2.893 ng
 RT: 16.498 min Scan# 2280
 Delta R.T. -0.006 min
 Lab File: BM044039.D
 Acq: 09 Feb 2024 14:53

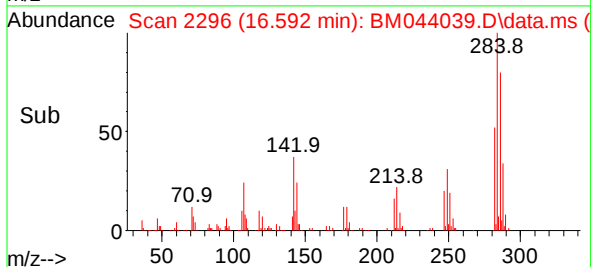
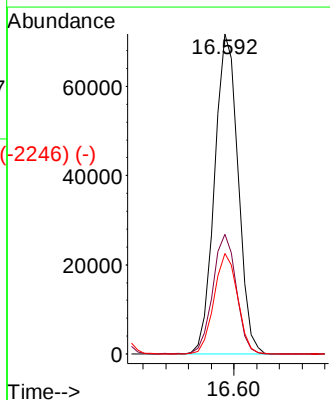
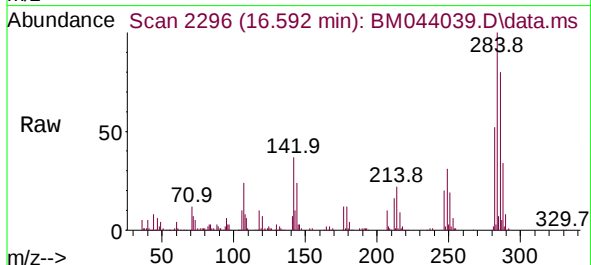
Instrument : BNA_M
 ClientSampleId : LOD-MDL-WATER-01-QT4-2023

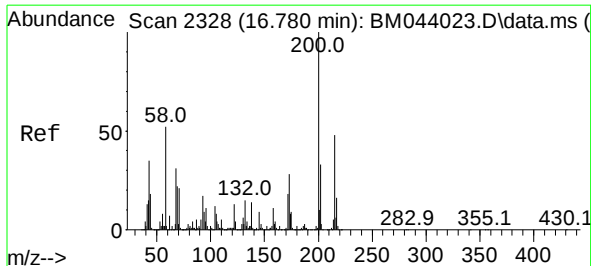
Tgt Ion:248 Resp: 66508
 Ion Ratio Lower Upper
 248 100
 250 98.8 77.4 116.2
 141 76.8 61.0 91.6



Hexachlorobenzene
 Concen: 3.649 ng
 RT: 16.592 min Scan# 2296
 Delta R.T. -0.006 min
 Lab File: BM044039.D
 Acq: 09 Feb 2024 14:53

Tgt Ion:284 Resp: 102751
 Ion Ratio Lower Upper
 284 100
 142 37.3 30.0 45.0
 249 31.3 24.1 36.1





Atrazine

Concen: 4.308 ng

RT: 16.774 min Scan# 2

Delta R.T. -0.006 min

Lab File: BM044039.D

Acq: 09 Feb 2024 14:53

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

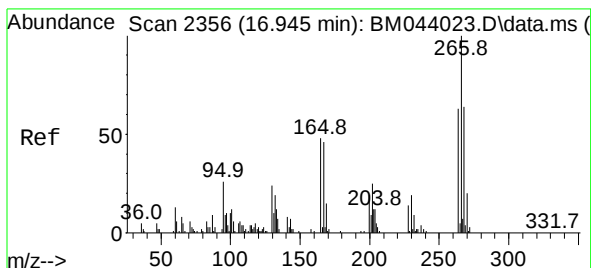
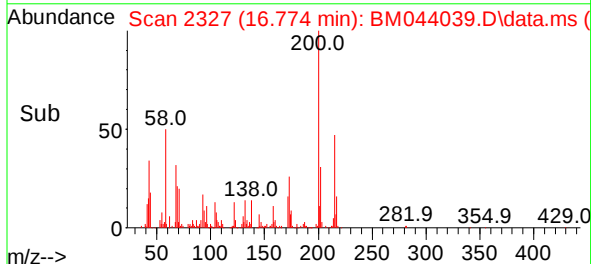
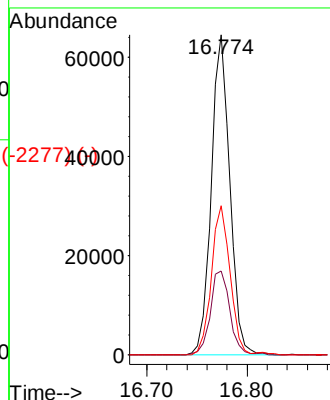
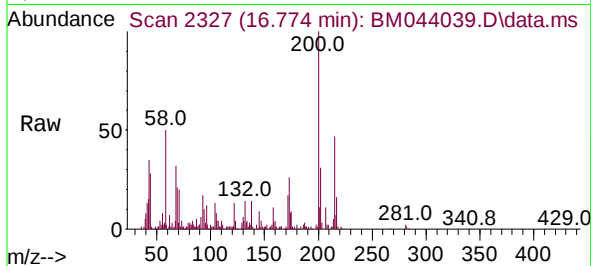
Tgt Ion:200 Resp: 82391

Ion Ratio Lower Upper

200 100

173 26.1 7.9 47.9

215 46.6 27.9 67.9



Pentachlorophenol

Concen: 2.416 ng

RT: 16.945 min Scan# 2356

Delta R.T. 0.000 min

Lab File: BM044039.D

Acq: 09 Feb 2024 14:53

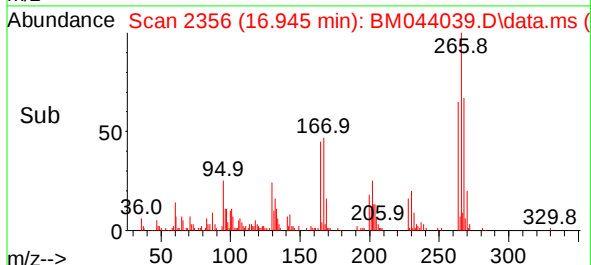
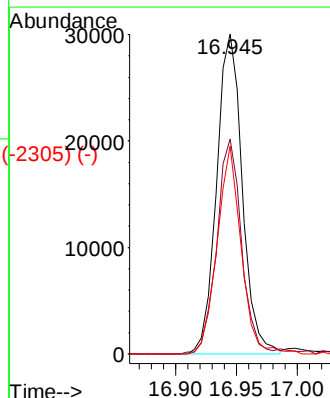
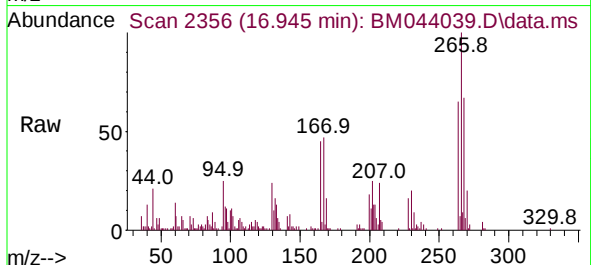
Tgt Ion:266 Resp: 44249

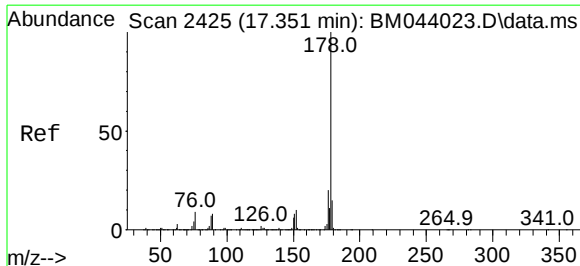
Ion Ratio Lower Upper

266 100

268 67.3 51.1 76.7

264 65.1 50.5 75.7





Phenanthrene

Concen: 3.961 ng

RT: 17.345 min Scan# 2425

Delta R.T. -0.006 min

Lab File: BM044039.D

Acq: 09 Feb 2024 14:53

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

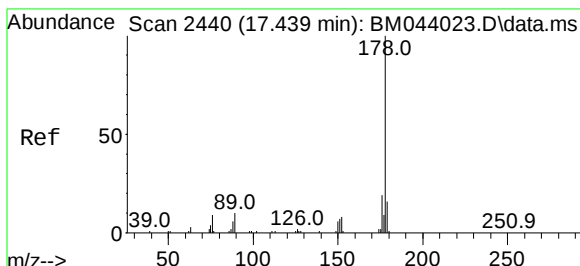
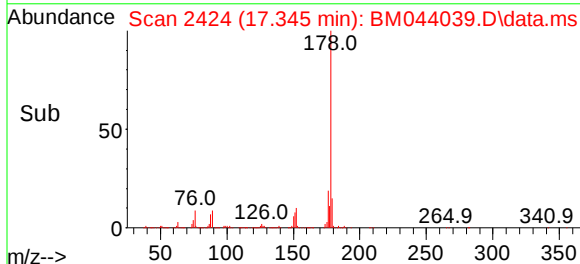
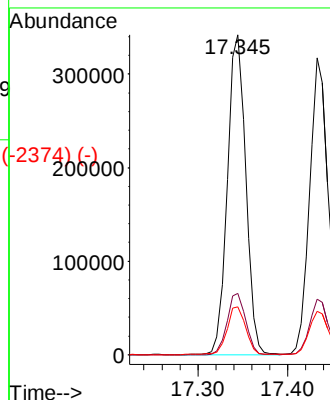
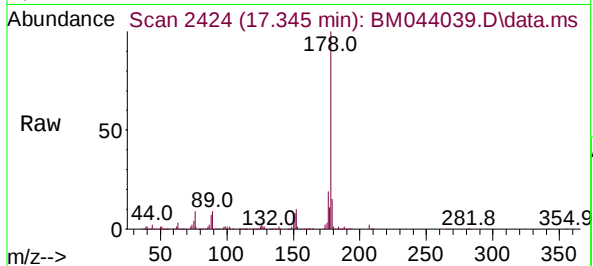
Tgt Ion:178 Resp: 486244

Ion Ratio Lower Upper

178 100

176 19.1 15.6 23.4

179 15.0 12.2 18.4



Anthracene

Concen: 3.764 ng

RT: 17.433 min Scan# 2439

Delta R.T. -0.006 min

Lab File: BM044039.D

Acq: 09 Feb 2024 14:53

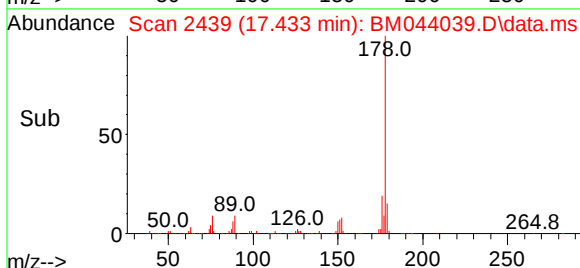
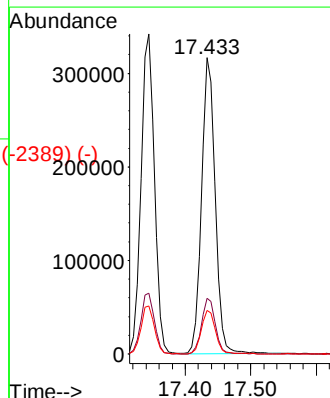
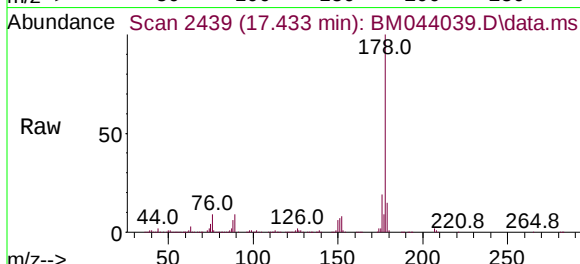
Tgt Ion:178 Resp: 457431

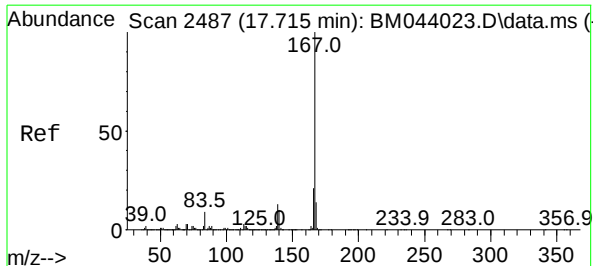
Ion Ratio Lower Upper

178 100

176 18.8 15.3 22.9

179 14.6 12.4 18.6





Carbazole

Concen: 3.565 ng

RT: 17.709 min Scan# 2

Delta R.T. -0.006 min

Lab File: BM044039.D

Acq: 09 Feb 2024 14:53

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

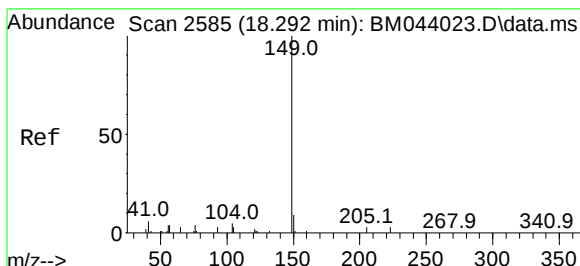
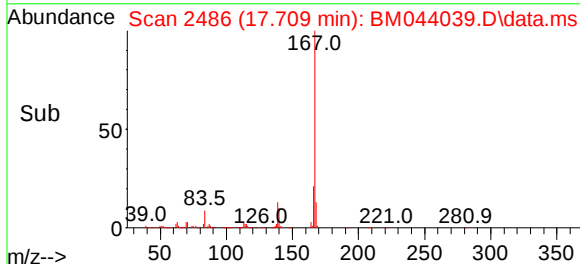
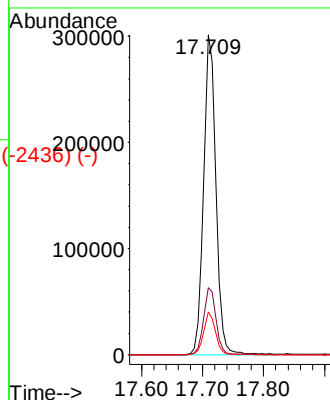
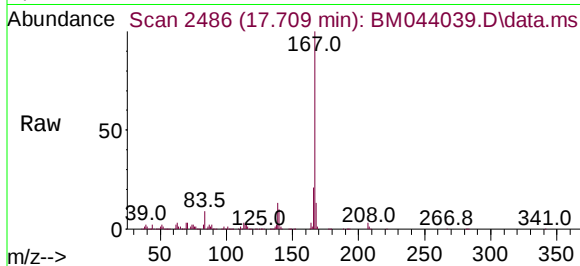
Tgt Ion:167 Resp: 421384

Ion Ratio Lower Upper

167 100

166 20.9 16.8 25.2

139 13.3 10.4 15.6



Di-n-butylphthalate

Concen: 3.191 ng

RT: 18.292 min Scan# 2585

Delta R.T. 0.000 min

Lab File: BM044039.D

Acq: 09 Feb 2024 14:53

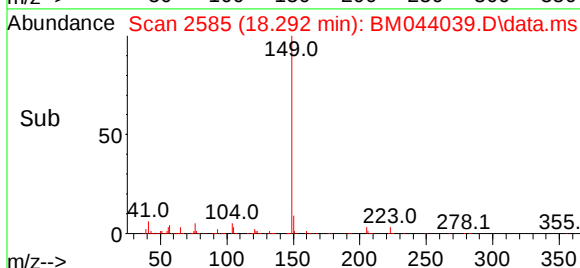
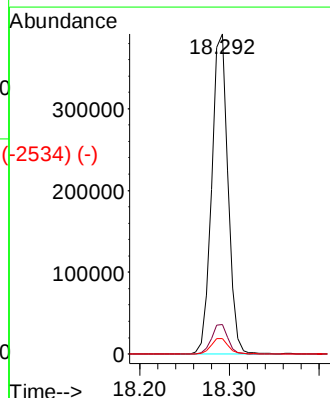
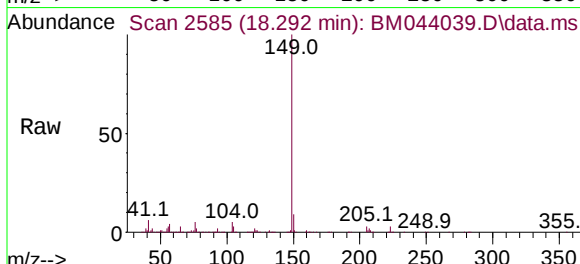
Tgt Ion:149 Resp: 490291

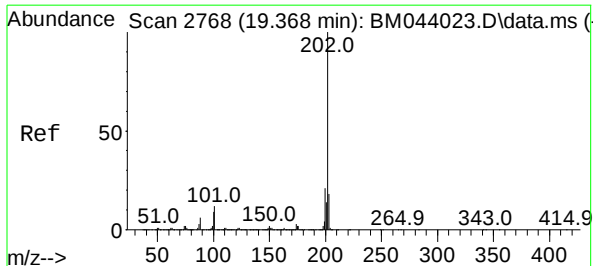
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.2

104 4.8 3.8 5.6





Fluoranthene

Concen: 3.591 ng

RT: 19.362 min Scan# 2

Delta R.T. -0.006 min

Lab File: BM044039.D

Acq: 09 Feb 2024 14:53

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

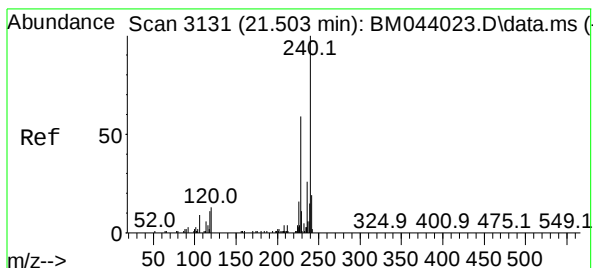
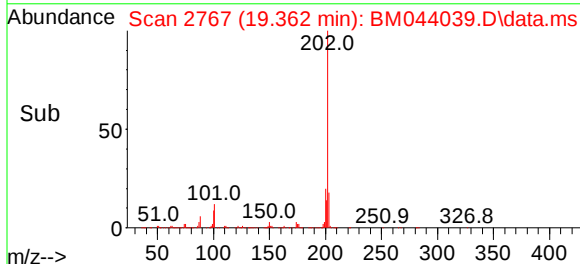
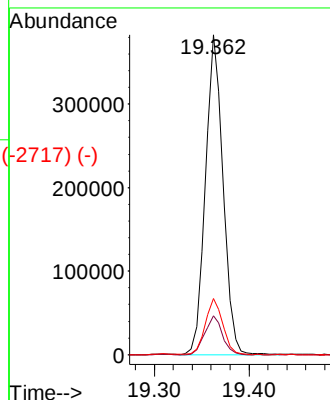
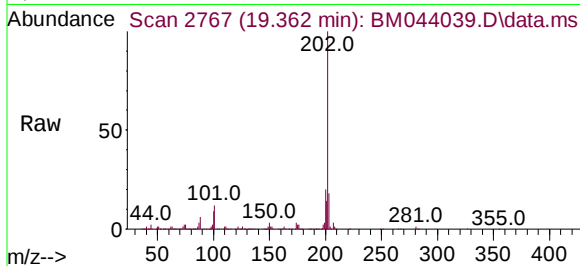
Tgt Ion:202 Resp: 495269

Ion Ratio Lower Upper

202 100

101 12.1 0.0 32.4

203 17.5 0.0 37.8



Chrysene-d12

Concen: 20.000 ng

RT: 21.497 min Scan# 3130

Delta R.T. -0.006 min

Lab File: BM044039.D

Acq: 09 Feb 2024 14:53

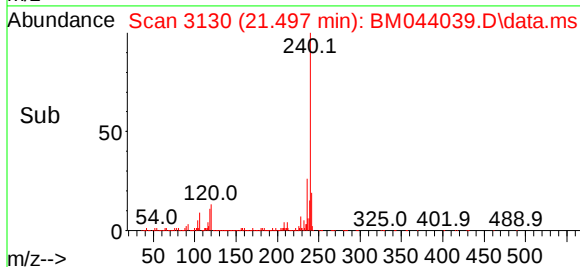
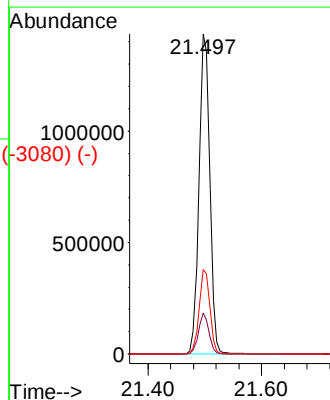
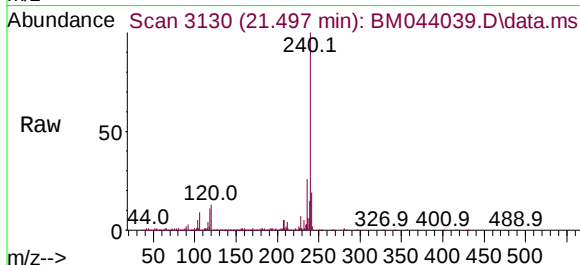
Tgt Ion:240 Resp: 1882087

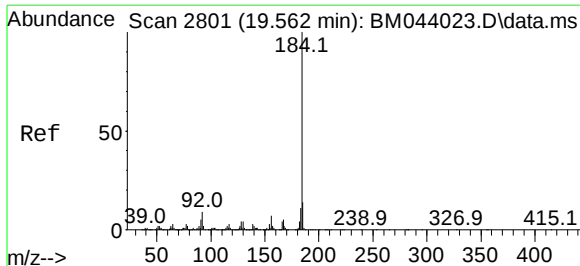
Ion Ratio Lower Upper

240 100

120 12.8 10.1 15.1

236 26.3 20.6 31.0





Benzidine

Concen: 6.031 ng

RT: 19.562 min Scan# 2

Delta R.T. 0.000 min

Lab File: BM044039.D

Acq: 09 Feb 2024 14:53

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

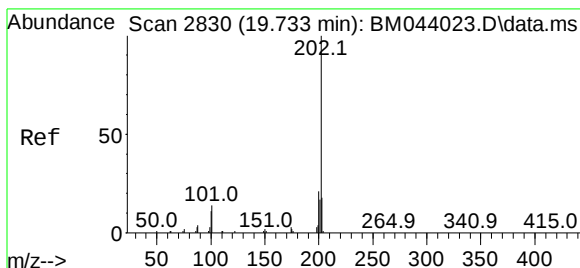
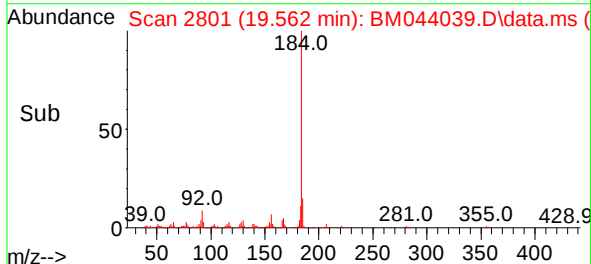
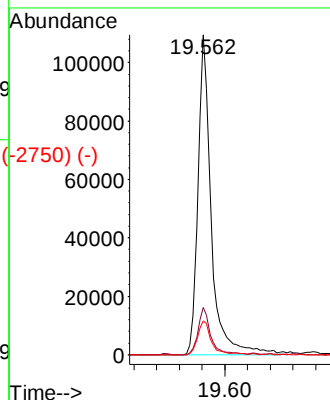
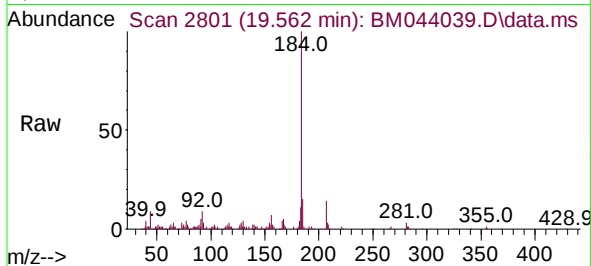
Tgt Ion:184 Resp: 176383

Ion Ratio Lower Upper

184 100

185 14.8 11.0 16.6

183 10.6 9.0 13.4



Pyrene

Concen: 3.557 ng

RT: 19.727 min Scan# 2829

Delta R.T. -0.006 min

Lab File: BM044039.D

Acq: 09 Feb 2024 14:53

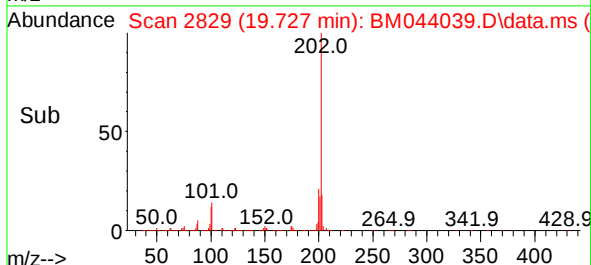
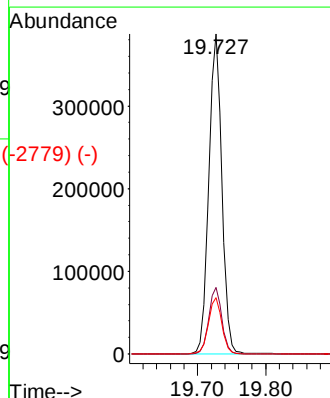
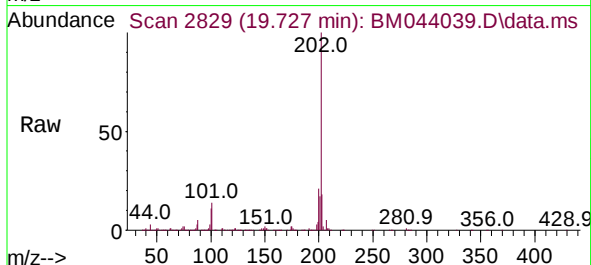
Tgt Ion:202 Resp: 515646

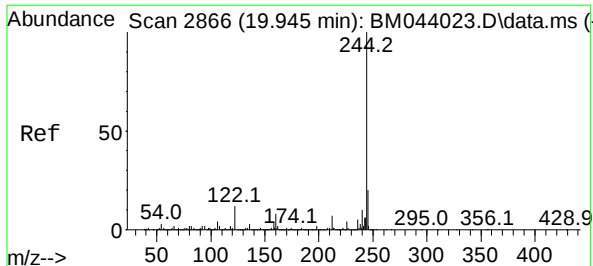
Ion Ratio Lower Upper

202 100

200 20.8 16.8 25.2

203 17.6 14.0 21.0





Terphenyl-d14

Concen: 74.710 ng

RT: 19.945 min Scan# 2

Delta R.T. 0.000 min

Lab File: BM044039.D

Acq: 09 Feb 2024 14:53

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

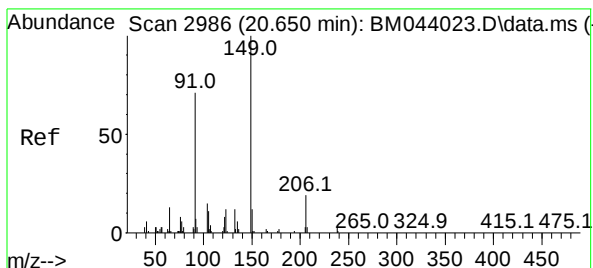
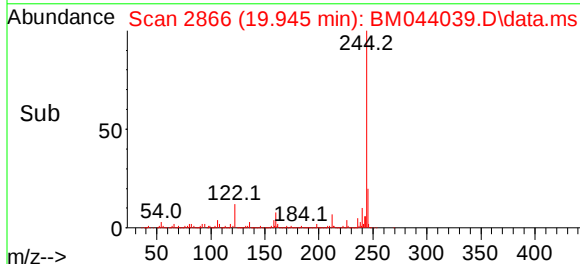
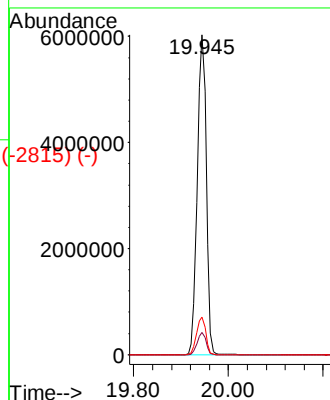
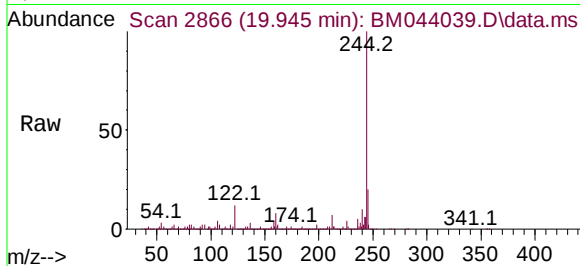
Tgt Ion:244 Resp: 8021042

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

122 11.7 9.5 14.3



Butylbenzylphthalate

Concen: 2.857 ng

RT: 20.650 min Scan# 2986

Delta R.T. 0.000 min

Lab File: BM044039.D

Acq: 09 Feb 2024 14:53

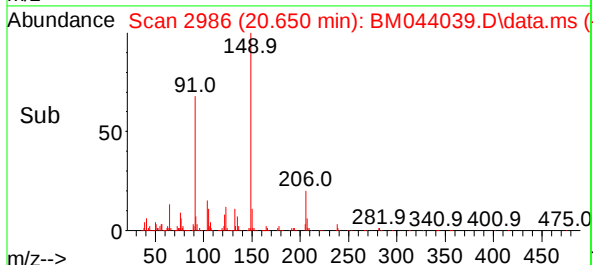
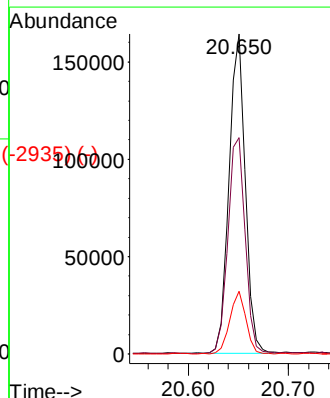
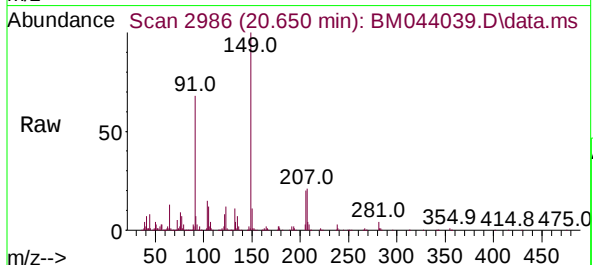
Tgt Ion:149 Resp: 184071

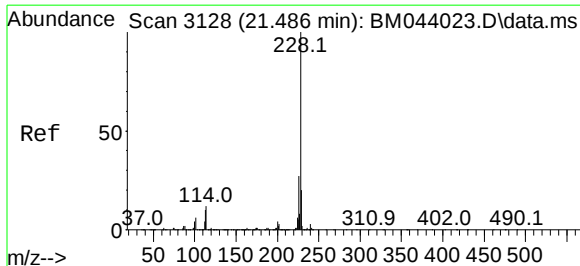
Ion Ratio Lower Upper

149 100

91 67.7 56.8 85.2

206 19.5 15.0 22.6





Benzo(a)anthracene

Concen: 3.726 ng

RT: 21.486 min Scan# 3128

Delta R.T. 0.000 min

Lab File: BM044039.D

Acq: 09 Feb 2024 14:53

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

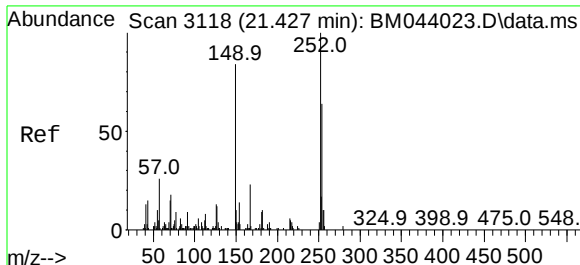
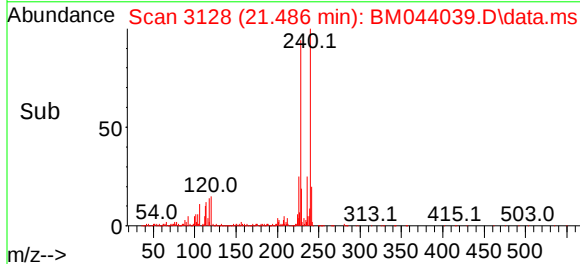
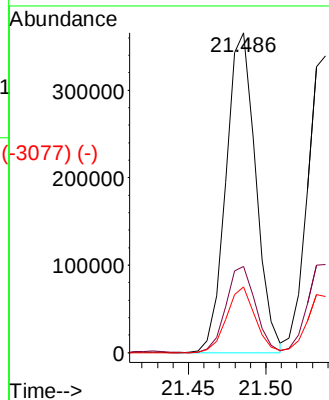
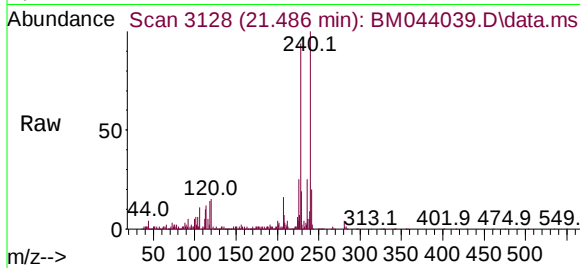
Tgt Ion:228 Resp: 487805

Ion Ratio Lower Upper

228 100

226 27.0 21.4 32.2

229 20.5 15.9 23.9



3,3'-Dichlorobenzidine

Concen: 3.618 ng

RT: 21.427 min Scan# 3118

Delta R.T. 0.000 min

Lab File: BM044039.D

Acq: 09 Feb 2024 14:53

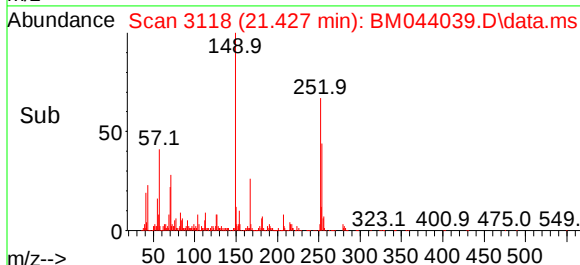
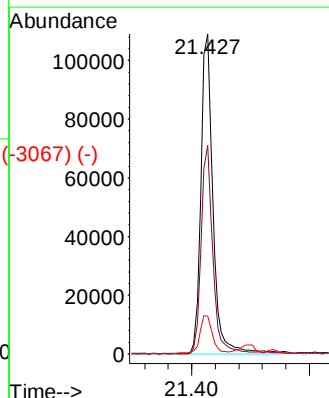
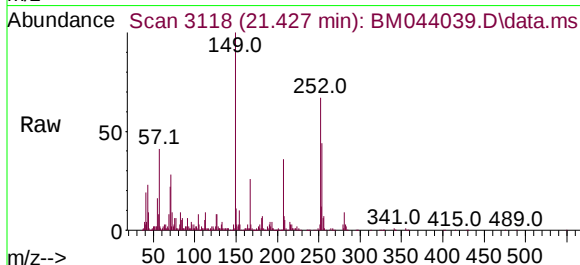
Tgt Ion:252 Resp: 155395

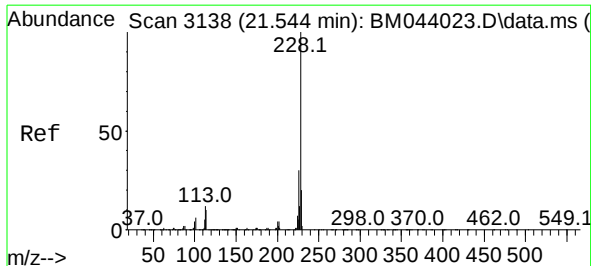
Ion Ratio Lower Upper

252 100

254 65.2 51.2 76.8

126 11.9 10.2 15.4





Chrysene

Concen: 3.651 ng

RT: 21.539 min Scan# 3113

Delta R.T. -0.006 min

Lab File: BM044039.D

Acq: 09 Feb 2024 14:53

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

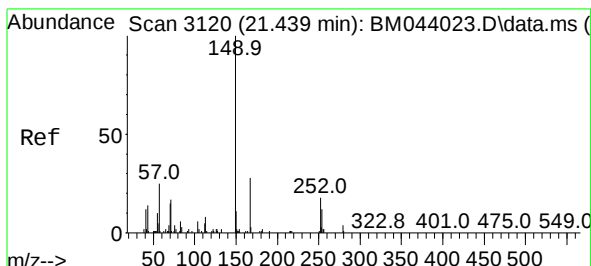
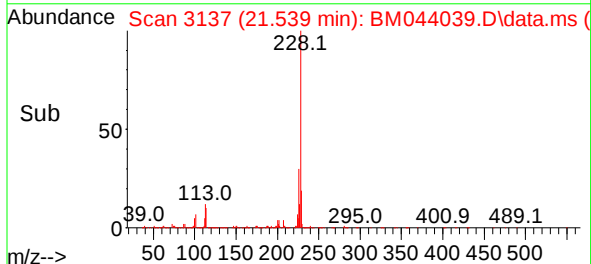
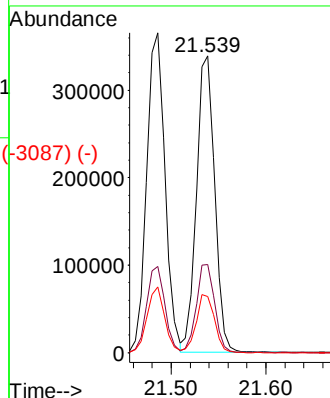
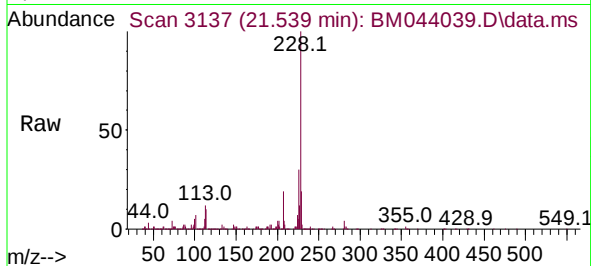
Tgt Ion:228 Resp: 451550

Ion Ratio Lower Upper

228 100

226 29.7 24.2 36.2

229 18.9 15.8 23.8



Bis(2-ethylhexyl)phthalate

Concen: 3.220 ng

RT: 21.433 min Scan# 3119

Delta R.T. -0.006 min

Lab File: BM044039.D

Acq: 09 Feb 2024 14:53

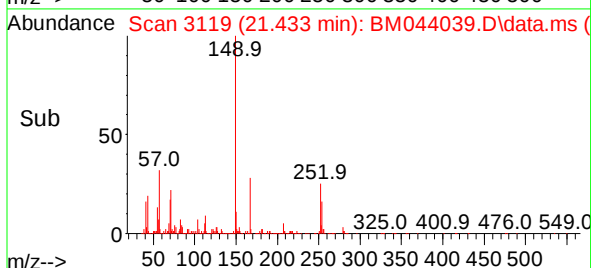
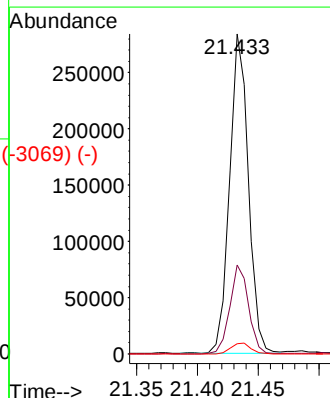
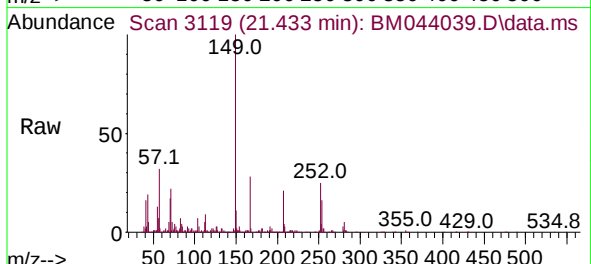
Tgt Ion:149 Resp: 306132

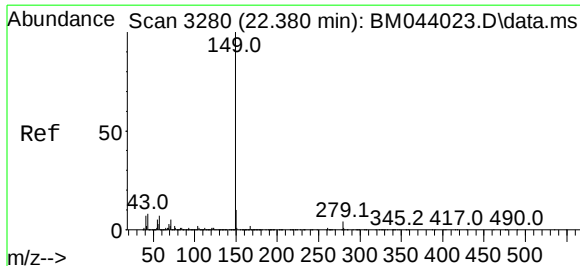
Ion Ratio Lower Upper

149 100

167 27.9 22.6 33.8

279 3.3 3.1 4.7

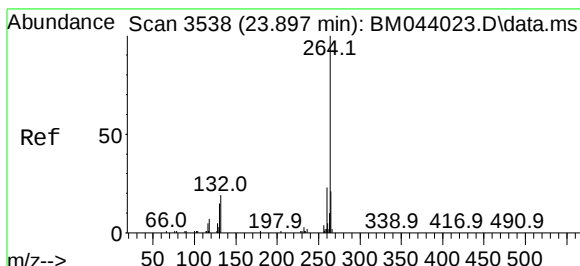
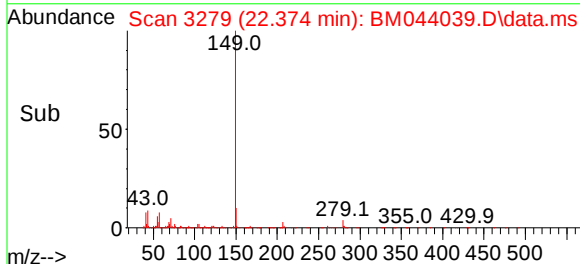
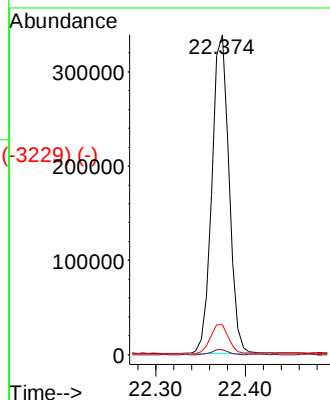
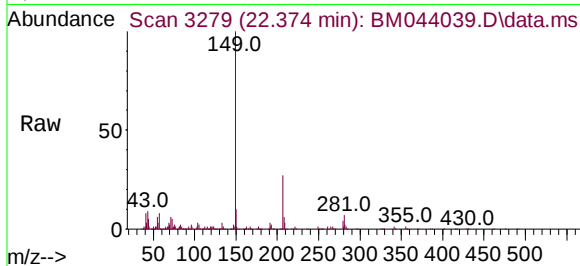




Di-n-octyl phthalate
Concen: 2.691 ng
RT: 22.374 min Scan# 3279
Delta R.T. -0.006 min
Lab File: BM044039.D
Acq: 09 Feb 2024 14:53

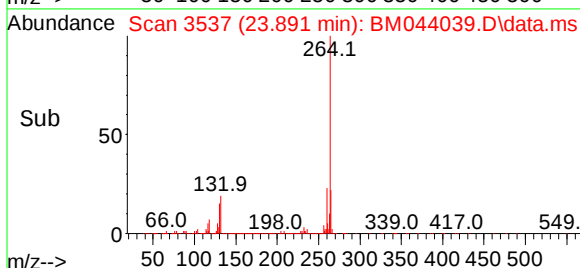
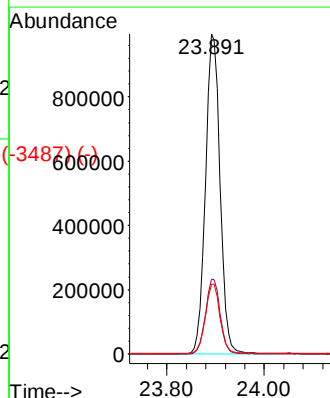
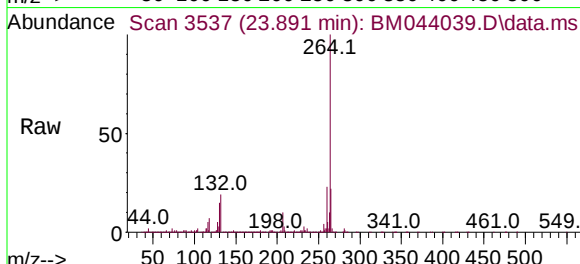
Instrument : BNA_M
ClientSampleId : LOD-MDL-WATER-01-QT4-2023

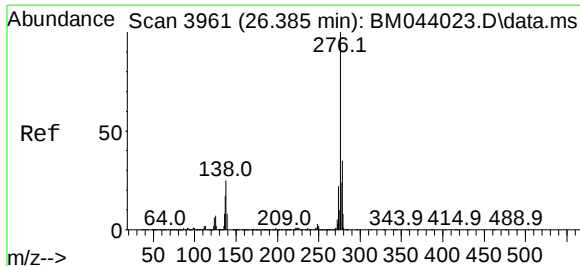
Tgt Ion:149	Resp: 446859
Ion Ratio	Lower Upper
149 100	
167 1.7	1.2 1.8
43 9.6	7.0 10.4



Perylene-d12
Concen: 20.000 ng
RT: 23.891 min Scan# 3537
Delta R.T. -0.006 min
Lab File: BM044039.D
Acq: 09 Feb 2024 14:53

Tgt Ion:264	Resp: 2056685		
Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.8	28.2
265	21.8	17.3	25.9

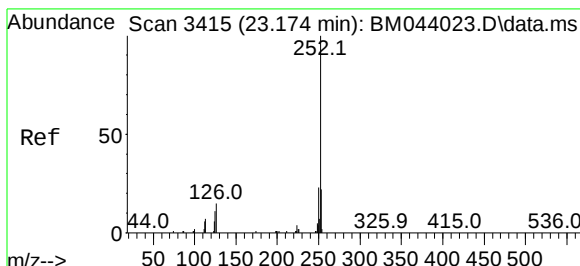
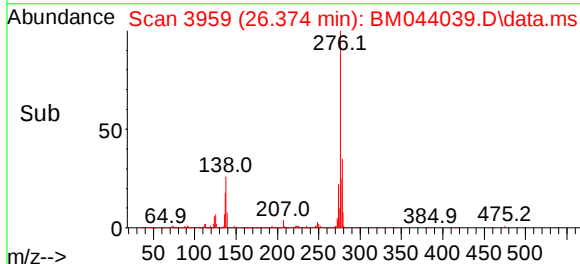
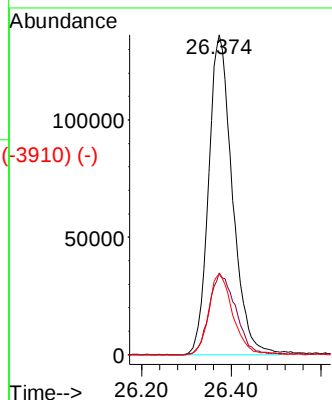
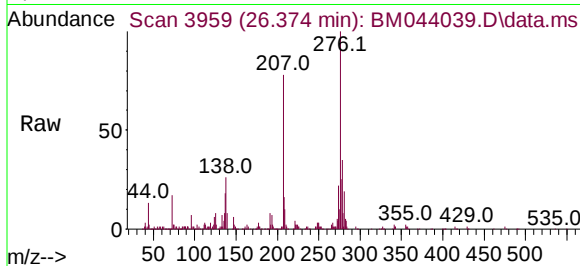




Indeno(1,2,3-cd)pyrene
Concen: 3.433 ng
RT: 26.374 min Scan# 3959
Delta R.T. -0.012 min
Lab File: BM044039.D
Acq: 09 Feb 2024 14:53

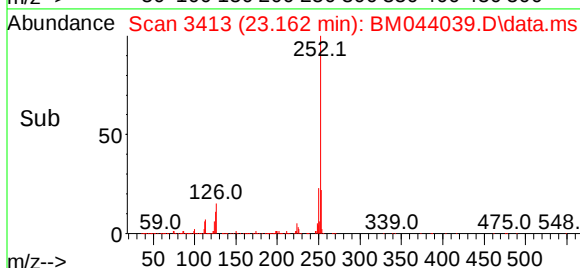
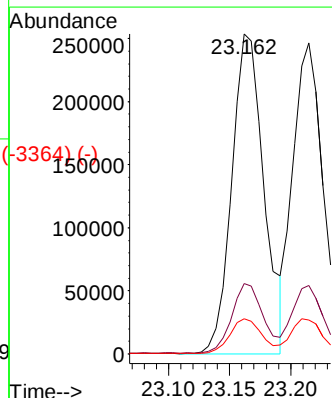
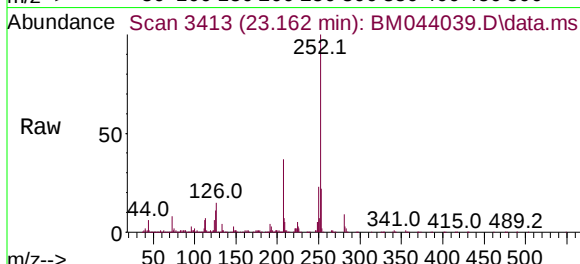
Instrument : BNA_M
ClientSampleId : LOD-MDL-WATER-01-QT4-2023

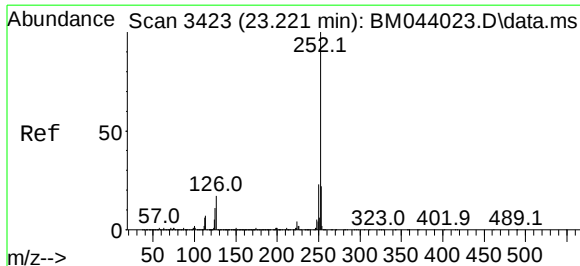
Tgt Ion:	276	Resp:	499733
Ion	Ratio	Lower	Upper
276	100		
138	28.7	22.6	34.0
277	25.5	20.2	30.2



Benzo(b)fluoranthene
Concen: 3.623 ng
RT: 23.162 min Scan# 3413
Delta R.T. -0.012 min
Lab File: BM044039.D
Acq: 09 Feb 2024 14:53

Tgt Ion:	252	Resp:	465738
Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	11.0	8.8	13.2





Benzo(k)fluoranthene

Concen: 3.513 ng

RT: 23.215 min Scan# 3

Delta R.T. -0.006 min

Lab File: BM044039.D

Acq: 09 Feb 2024 14:53

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

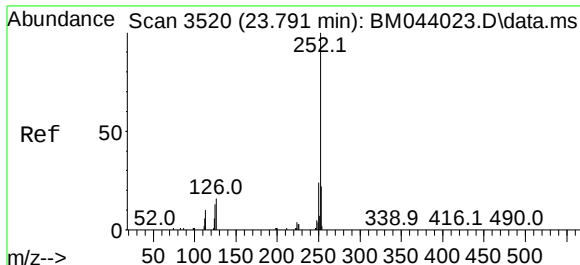
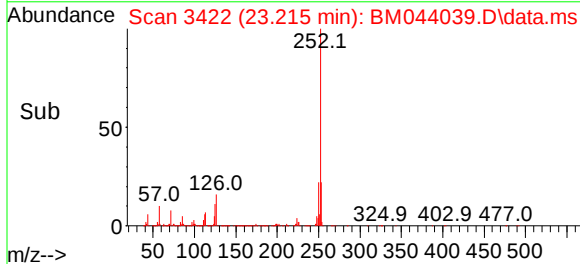
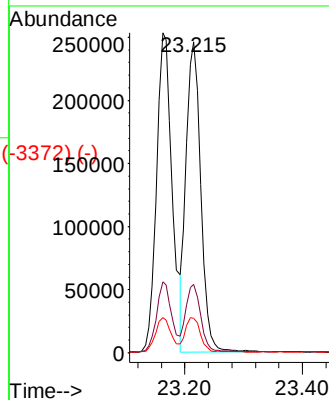
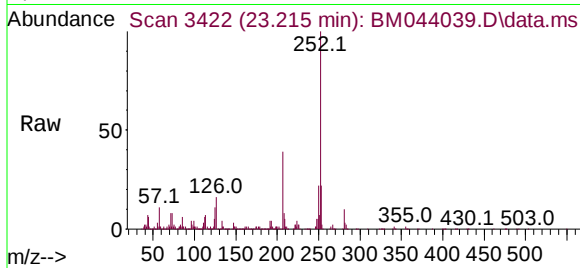
Tgt Ion:252 Resp: 429191

Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 11.0 9.0 13.4



Benzo(a)pyrene

Concen: 3.428 ng

RT: 23.785 min Scan# 3519

Delta R.T. -0.006 min

Lab File: BM044039.D

Acq: 09 Feb 2024 14:53

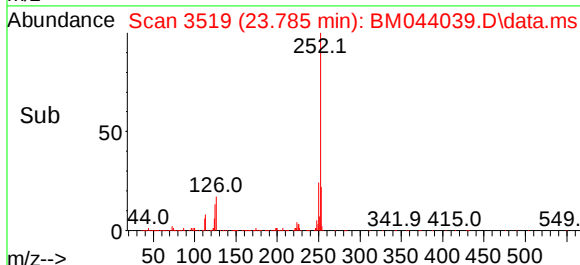
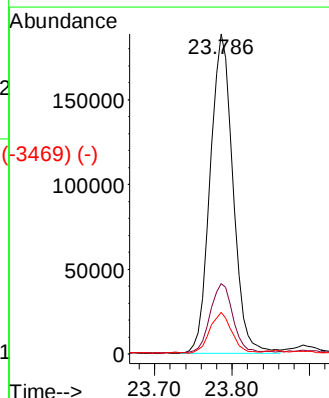
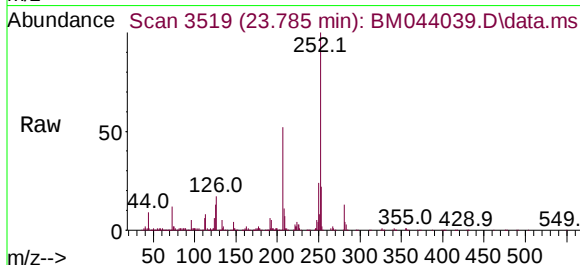
Tgt Ion:252 Resp: 384921

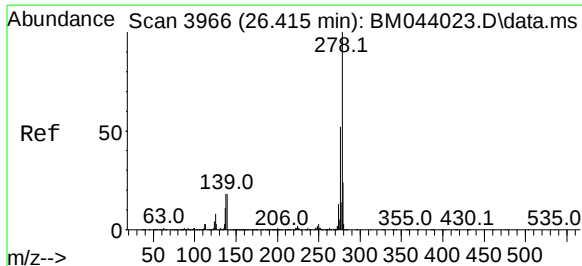
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 13.0 10.1 15.1





Dibenzo(a,h)anthracene

Concen: 3.502 ng

RT: 26.397 min Scan# 3963

Delta R.T. -0.018 min

Lab File: BM044039.D

Acq: 09 Feb 2024 14:53

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

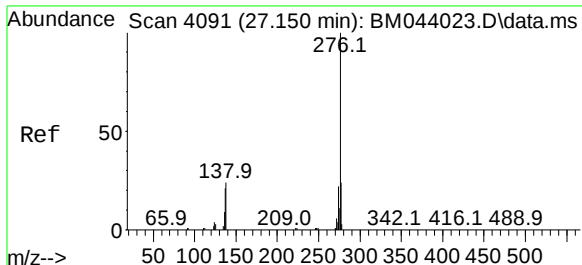
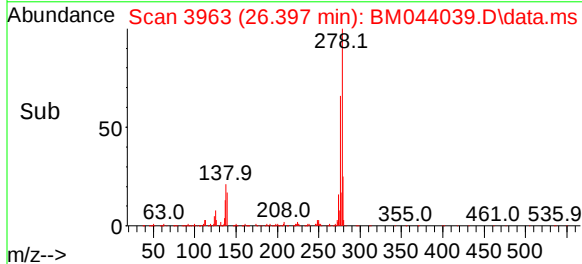
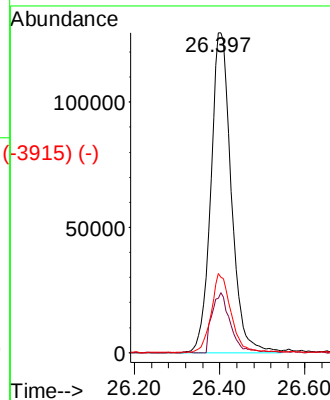
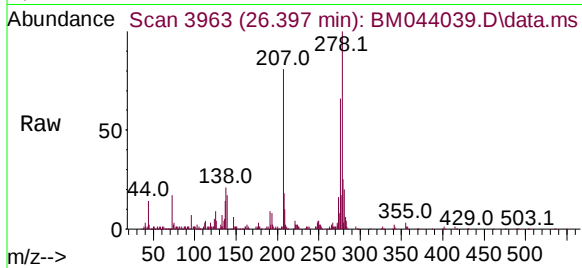
Tgt Ion:278 Resp: 426355

Ion Ratio Lower Upper

278 100

139 16.9 14.5 21.7

279 24.7 18.9 28.3



Benzo(g,h,i)perylene

Concen: 3.319 ng

RT: 27.132 min Scan# 4088

Delta R.T. -0.018 min

Lab File: BM044039.D

Acq: 09 Feb 2024 14:53

Tgt Ion:276 Resp: 409829

Ion Ratio Lower Upper

276 100

277 23.2 19.0 28.4

138 23.6 19.1 28.7

