

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	117766m	5.474	ng	
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
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
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

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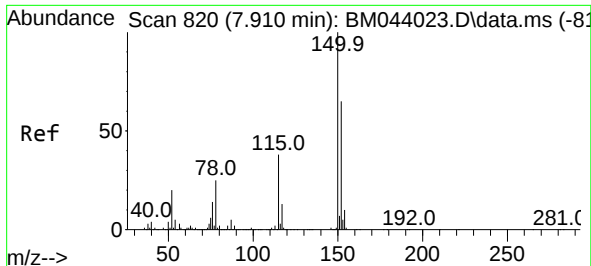
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.386	154	362093	3.875	ng	99
47) 2-Chloronaphthalene	13.427	162	276918	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

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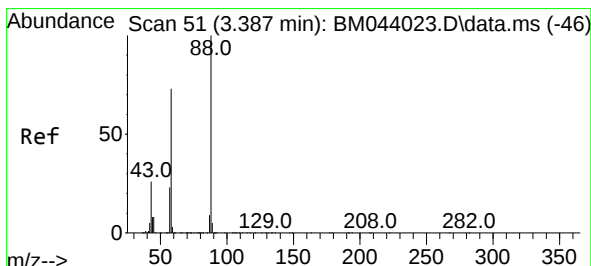
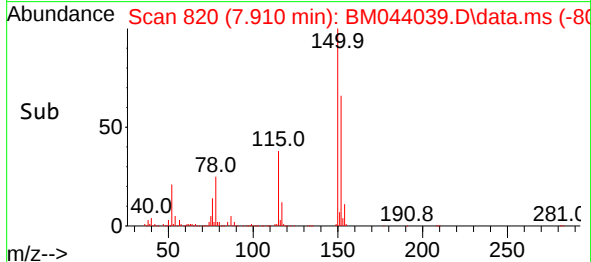
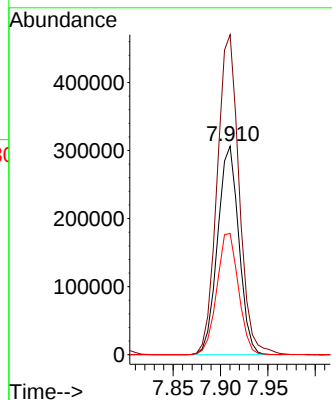
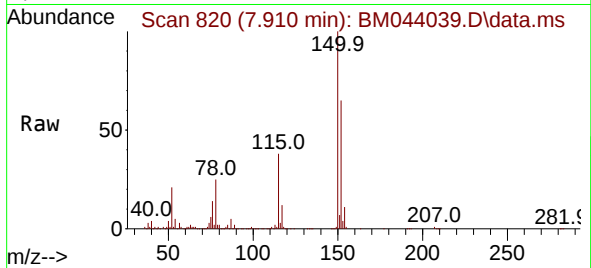




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.910 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BM044039.D
 Acq: 09 Feb 2024 14:53

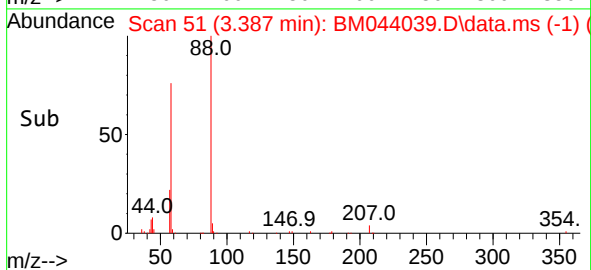
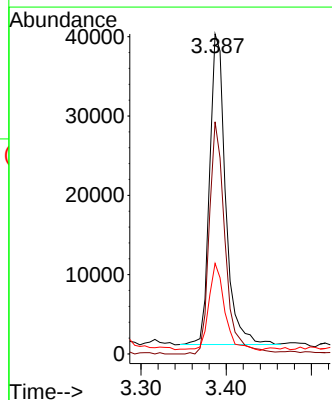
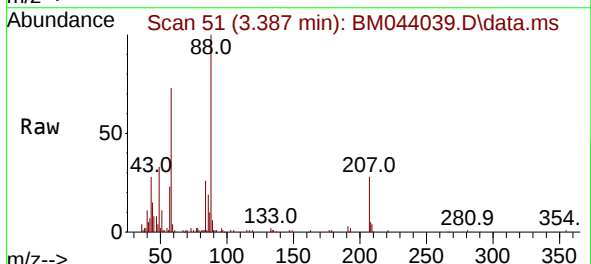
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2023

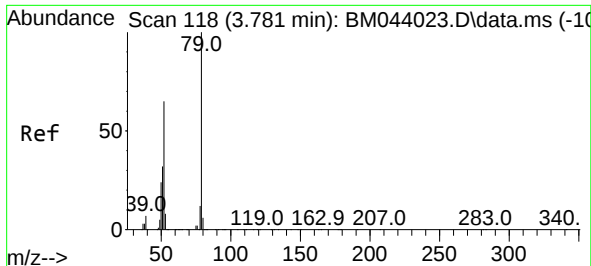
Tgt Ion:152 Resp: 478578
 Ion Ratio Lower Upper
 152 100
 150 153.5 122.7 184.1
 115 58.2 47.0 70.6



#2
 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

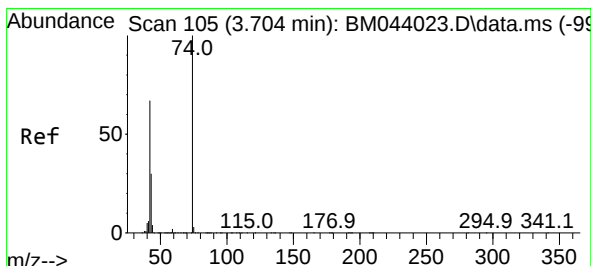
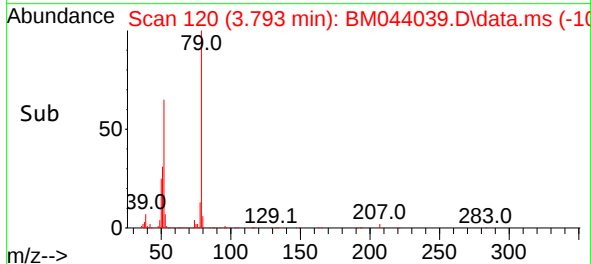
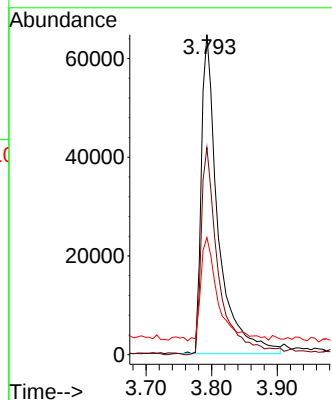
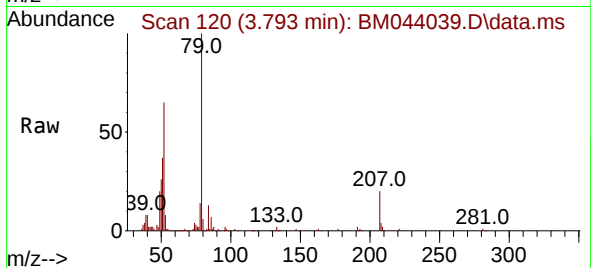




#3
Pyridine
Concen: 3.366 ng
RT: 3.793 min Scan# 118
Delta R.T. 0.012 min
Lab File: BM044039.D
Acq: 09 Feb 2024 14:53

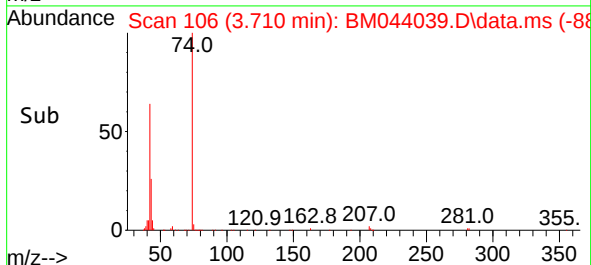
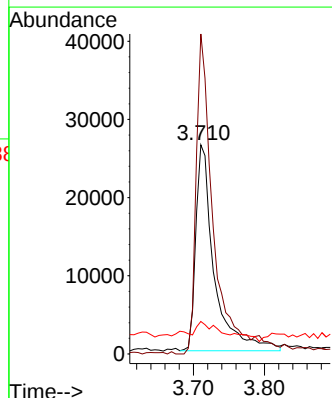
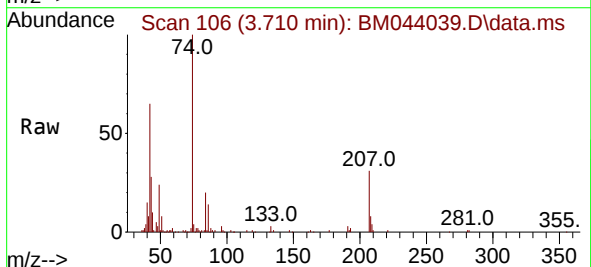
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

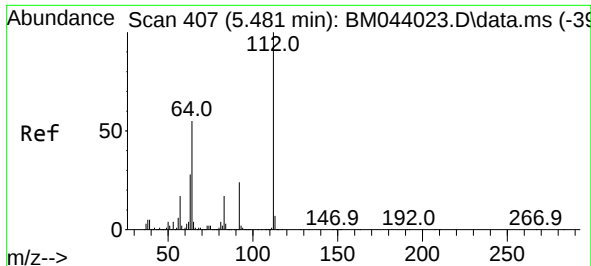
Tgt Ion: 79 Resp: 116034
Ion Ratio Lower Upper
79 100
52 64.8 52.2 78.2
51 36.6 26.2 39.4



#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

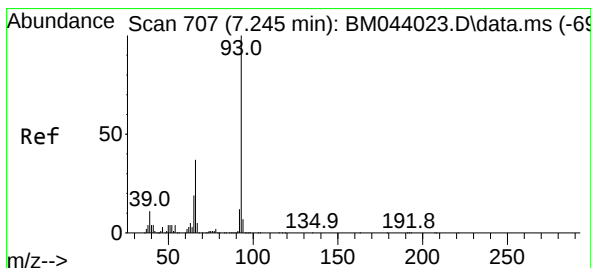
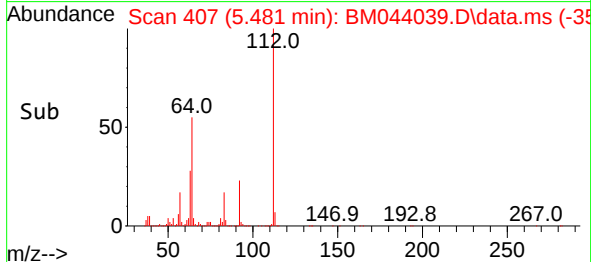
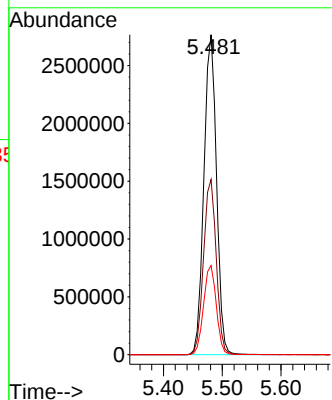
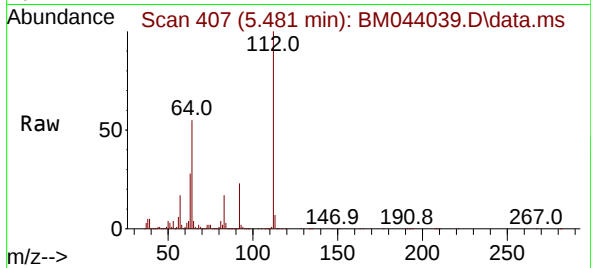




#5
2-Fluorophenol
Concen: 124.939 ng
RT: 5.481 min Scan# 407
Delta R.T. 0.000 min
Lab File: BM044039.D
Acq: 09 Feb 2024 14:53

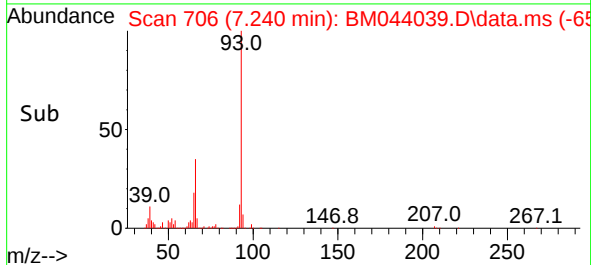
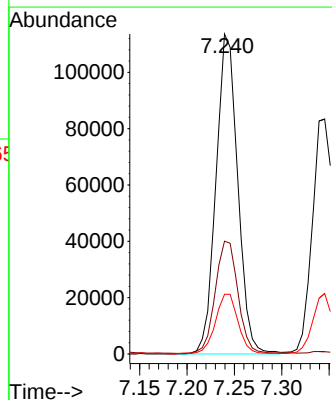
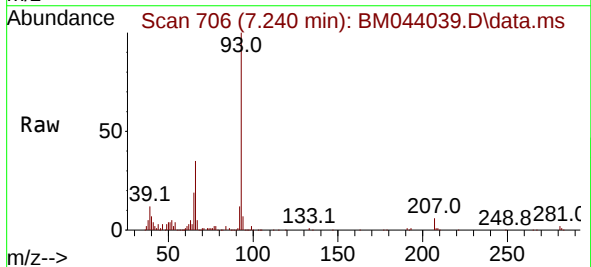
Instrument :
BNA_M
ClientSampleId :
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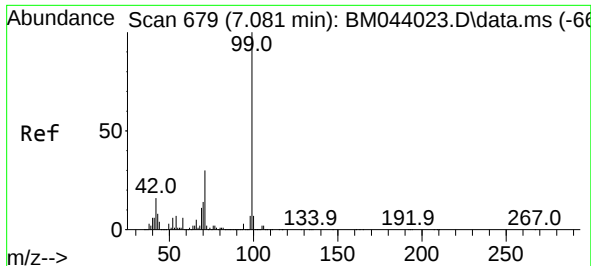
Tgt Ion:112 Resp: 4111089
Ion Ratio Lower Upper
112 100
64 54.7 44.2 66.4
63 27.8 22.6 34.0



#6
Aniline
Concen: 4.412 ng
RT: 7.240 min Scan# 706
Delta R.T. -0.006 min
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



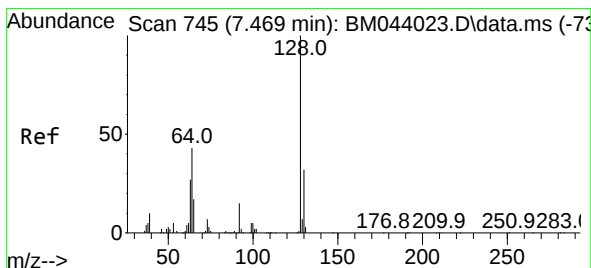
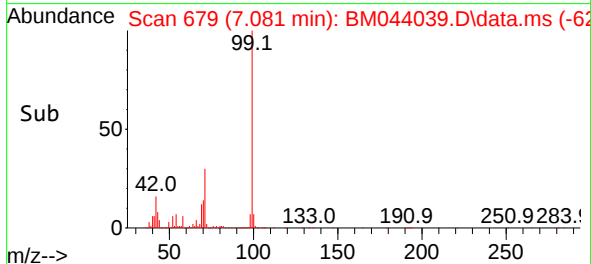
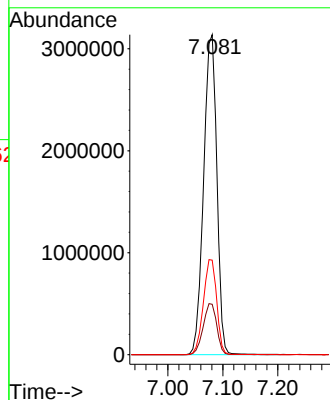
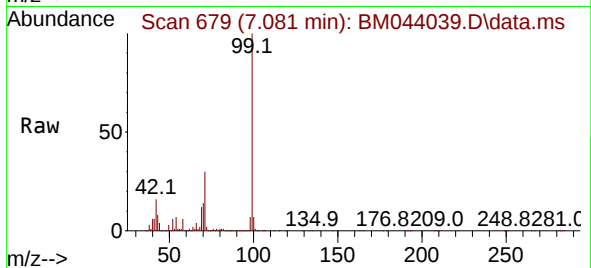


#7
Phenol-d6
Concen: 125.322 ng
RT: 7.081 min Scan# 679
Delta R.T. 0.000 min
Lab File: BM044039.D
Acq: 09 Feb 2024 14:53

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

Tgt Ion: 99 Resp: 5246760

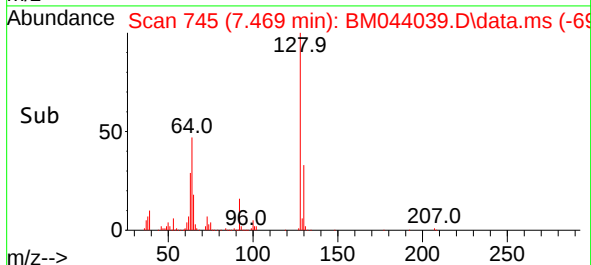
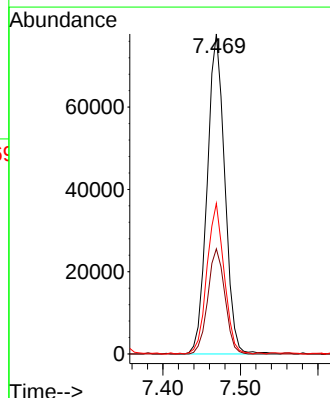
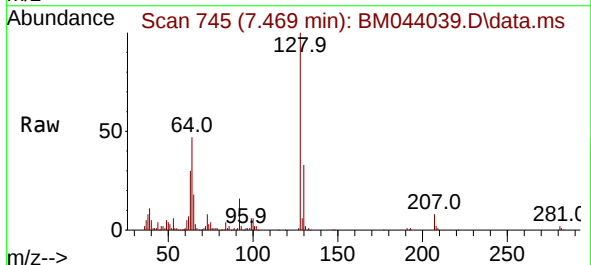
Ion	Ratio	Lower	Upper
99	100		
42	15.7	12.9	19.3
71	29.6	23.9	35.9

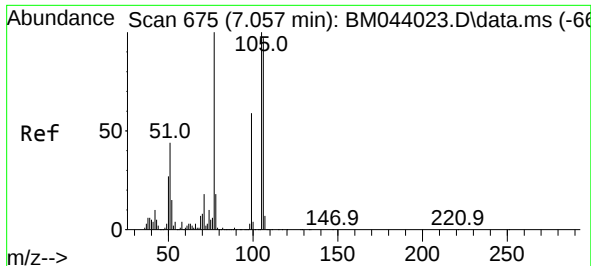


#8
2-Chlorophenol
Concen: 3.558 ng
RT: 7.469 min Scan# 745
Delta R.T. 0.000 min
Lab File: BM044039.D
Acq: 09 Feb 2024 14:53

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

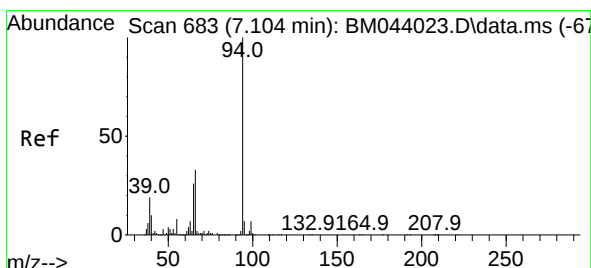
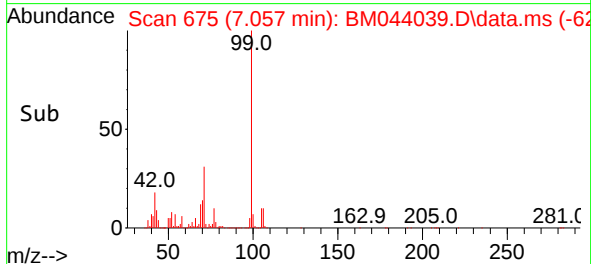
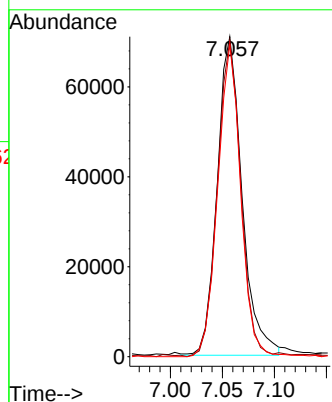
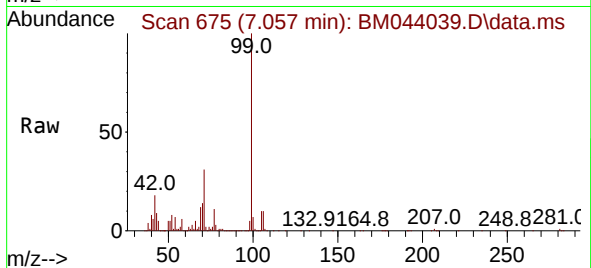




#9
Benzaldehyde
Concen: 5.474 ng m
RT: 7.057 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM044039.D
Acq: 09 Feb 2024 14:53

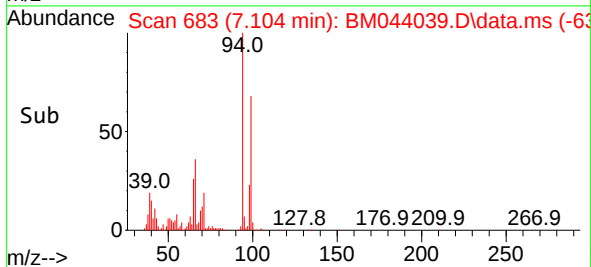
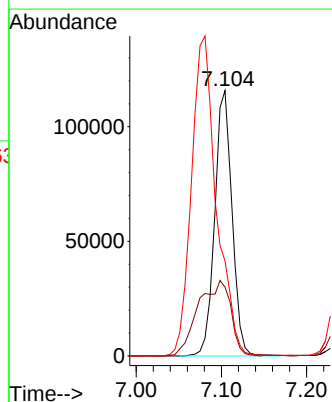
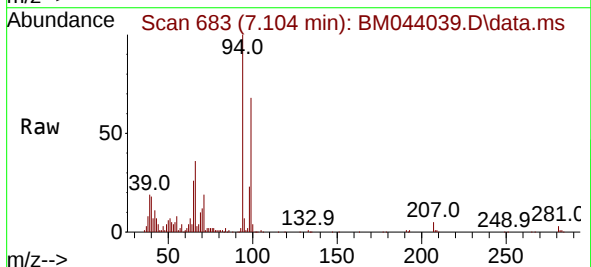
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ClientSampleId :
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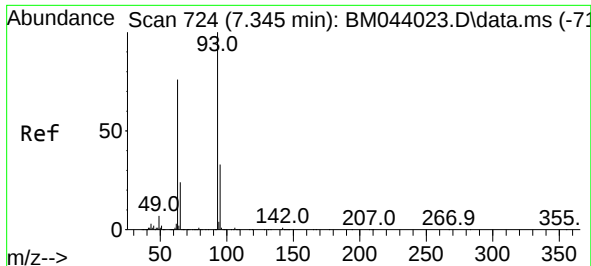
Tgt Ion: 77 Resp: 117766
Ion Ratio Lower Upper
77 100
105 98.8 80.0 120.0
106 97.6 76.8 116.8



#10
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
94 100
65 25.9 6.4 46.4
66 35.8 13.2 53.2

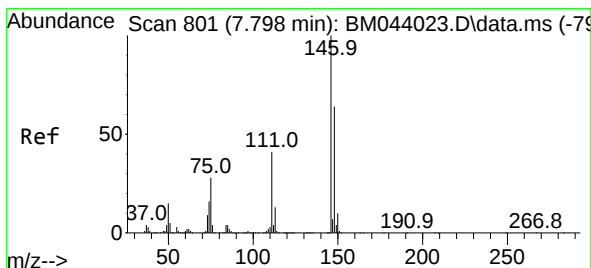
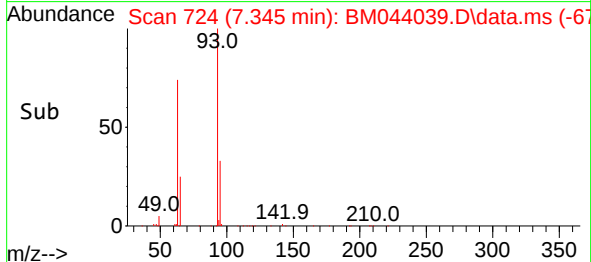
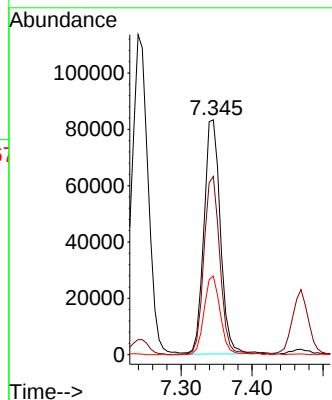
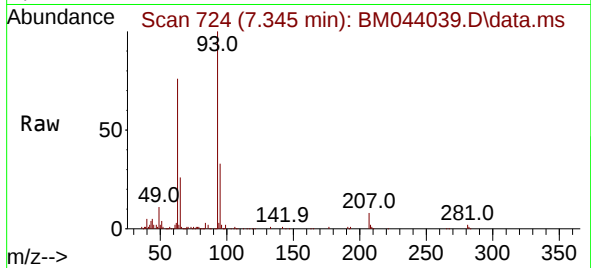




#11
bis(2-Chloroethyl)ether
Concen: 3.839 ng
RT: 7.345 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM044039.D
Acq: 09 Feb 2024 14:53

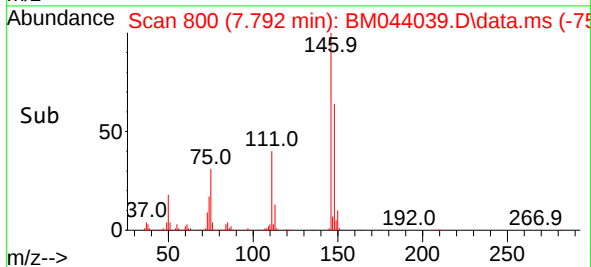
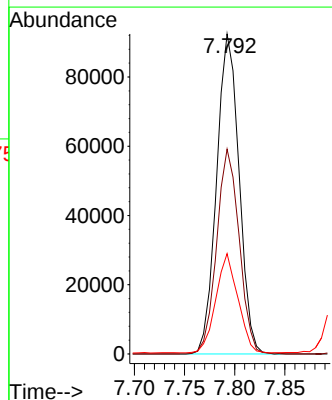
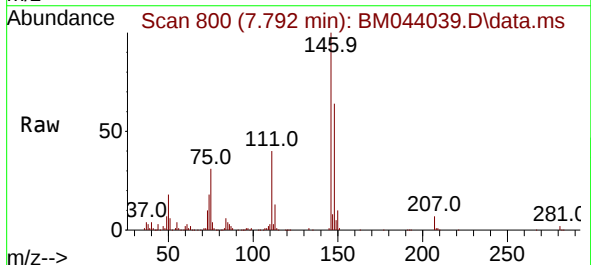
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

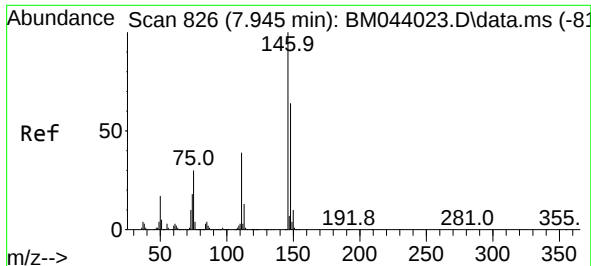
Tgt Ion: 93 Resp: 134323
Ion Ratio Lower Upper
93 100
63 75.9 55.9 95.9
95 33.4 13.0 53.0



#12
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

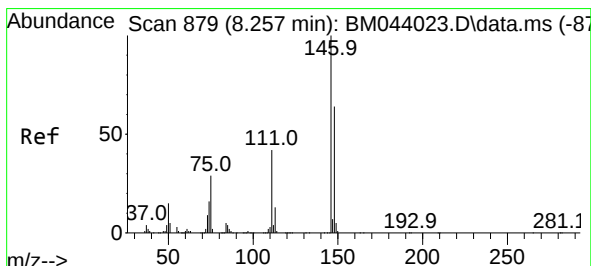
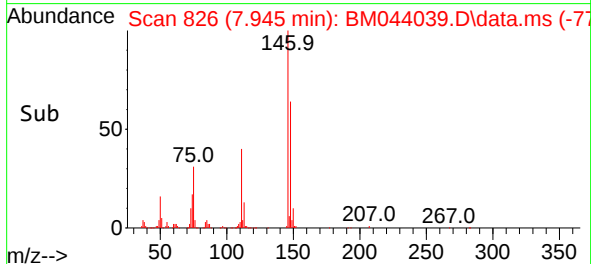
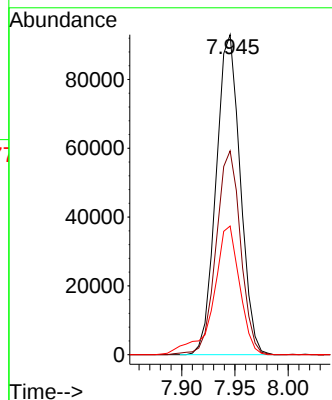
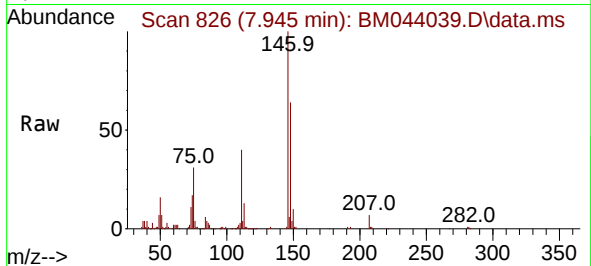




#13
1,4-Dichlorobenzene
Concen: 3.724 ng
RT: 7.945 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM044039.D
Acq: 09 Feb 2024 14:53

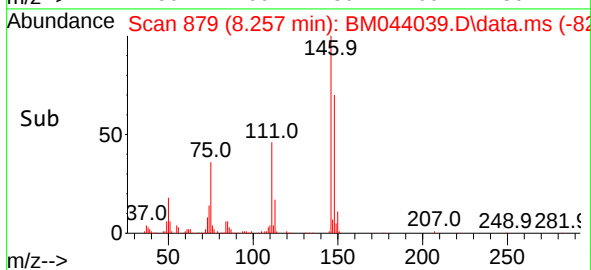
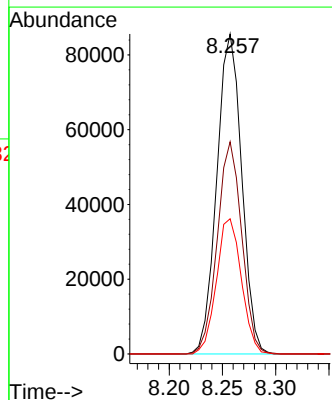
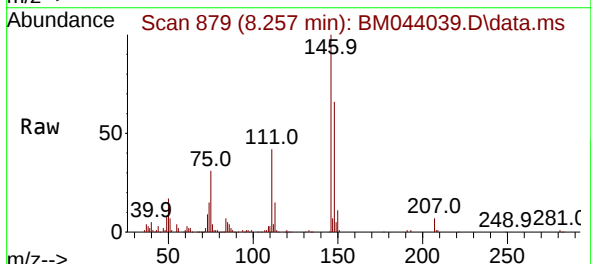
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

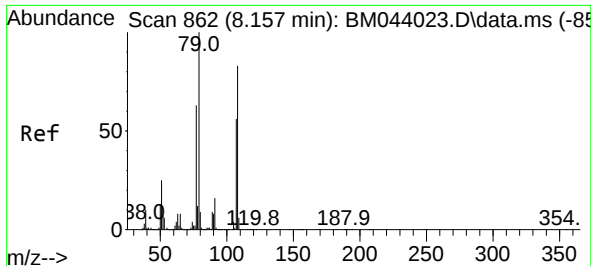
Tgt Ion:146 Resp: 146462
Ion Ratio Lower Upper
146 100
148 63.7 51.2 76.8
111 40.2 31.2 46.8



#14
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

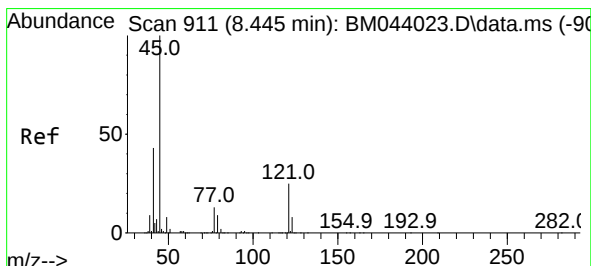
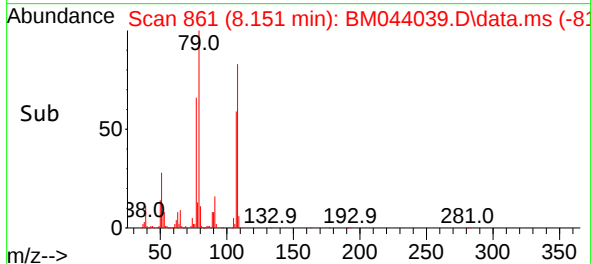
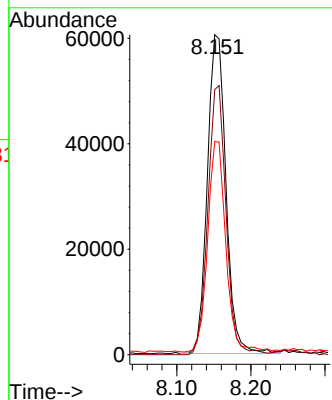
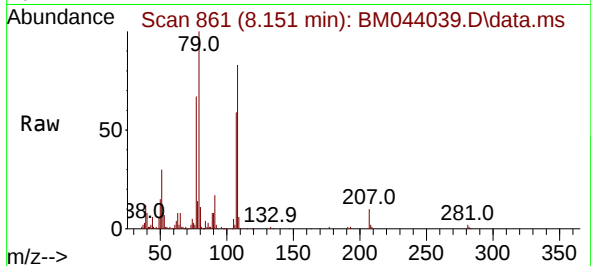




#15
Benzyl Alcohol
Concen: 3.886 ng
RT: 8.151 min Scan# 80
Delta R.T. -0.006 min
Lab File: BM044039.D
Acq: 09 Feb 2024 14:53

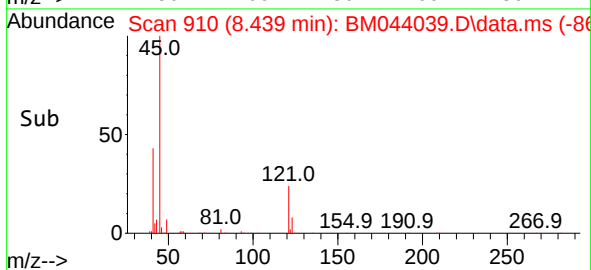
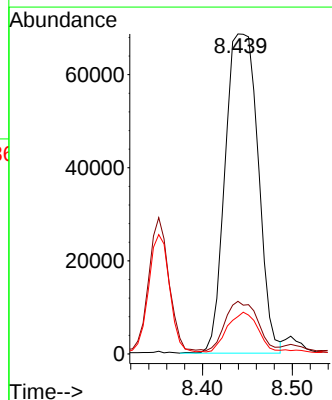
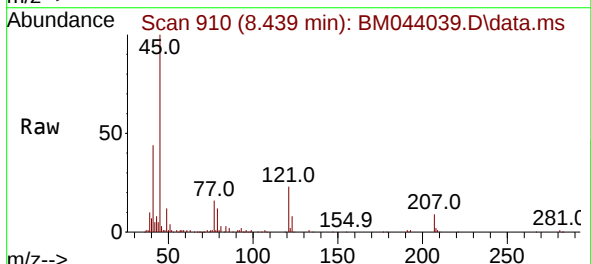
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

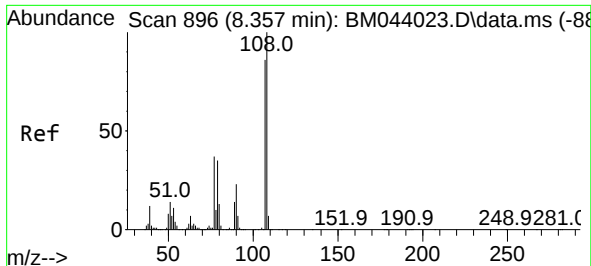
Tgt Ion: 79 Resp: 105939
Ion Ratio Lower Upper
79 100
108 82.9 66.0 99.0
77 66.6 50.4 75.6



#16
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



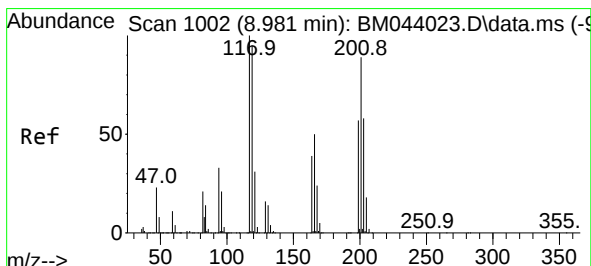
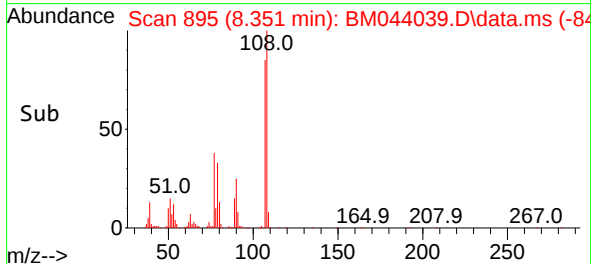
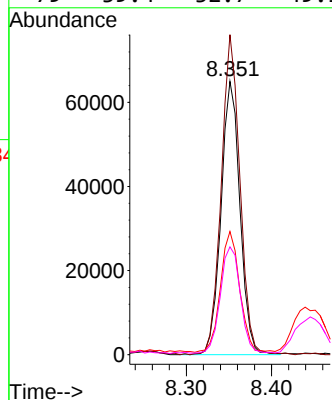
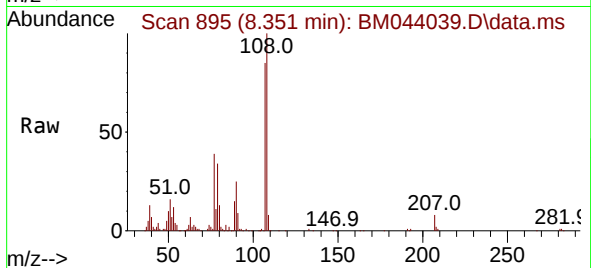


#17
2-Methylphenol
Concen: 3.631 ng
RT: 8.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BM044039.D
Acq: 09 Feb 2024 14:53

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

Tgt Ion:107 Resp: 100697

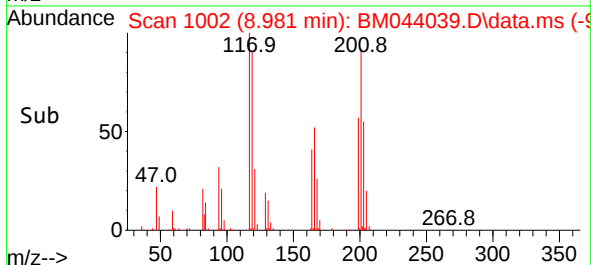
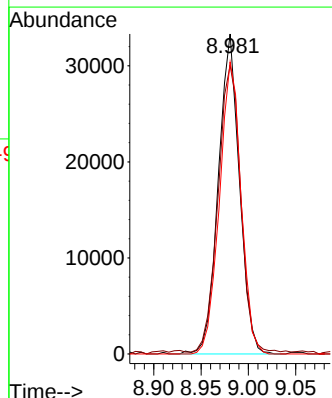
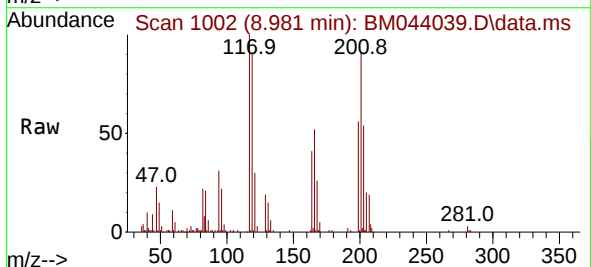
Ion	Ratio	Lower	Upper
107	100		
108	117.1	93.4	140.2
77	45.1	34.7	52.1
79	39.4	32.7	49.1

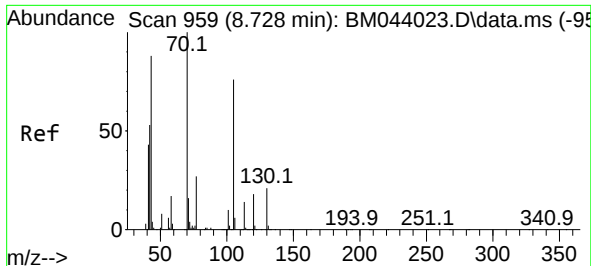


#18
Hexachloroethane
Concen: 3.504 ng
RT: 8.981 min Scan# 1002
Delta R.T. 0.000 min
Lab File: BM044039.D
Acq: 09 Feb 2024 14:53

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

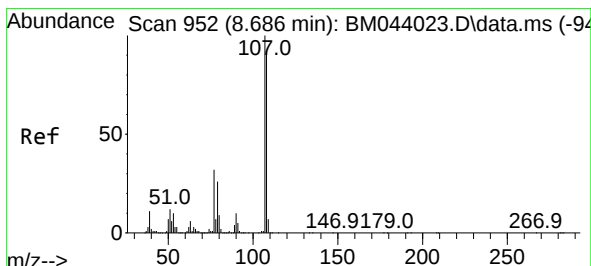
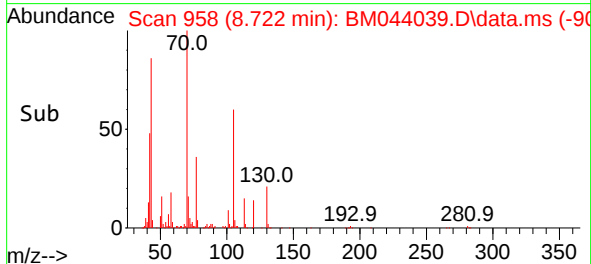
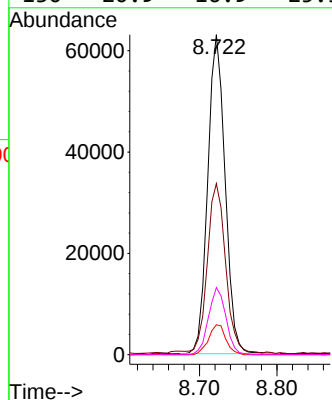
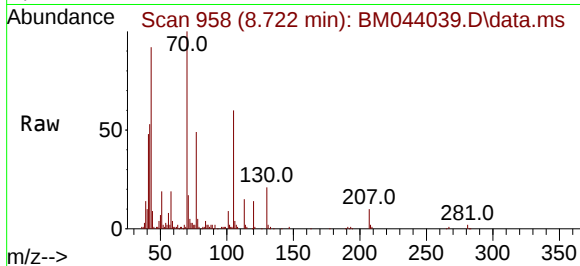




#19
n-Nitroso-di-n-propylamine
Concen: 3.804 ng
RT: 8.722 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM044039.D
Acq: 09 Feb 2024 14:53

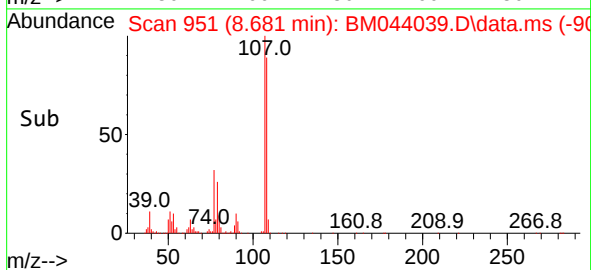
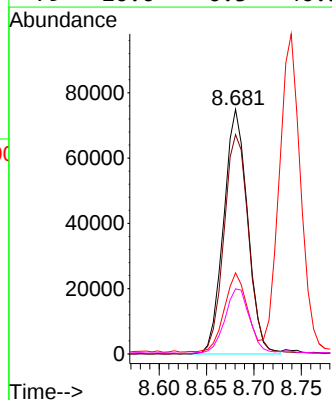
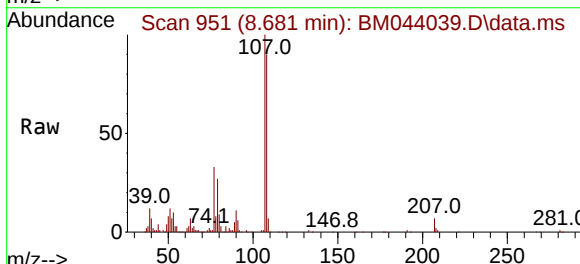
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

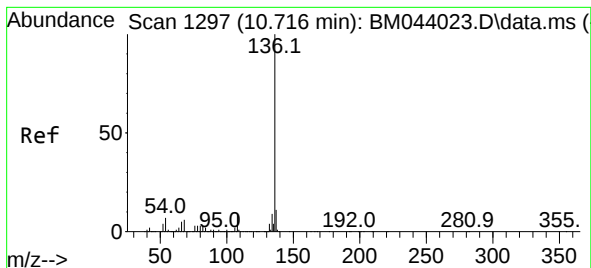
Tgt Ion:	70	Resp:	97794
Ion	Ratio	Lower	Upper
70	100		
42	53.4	42.6	64.0
101	9.3	7.8	11.6
130	20.9	16.9	25.3



#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

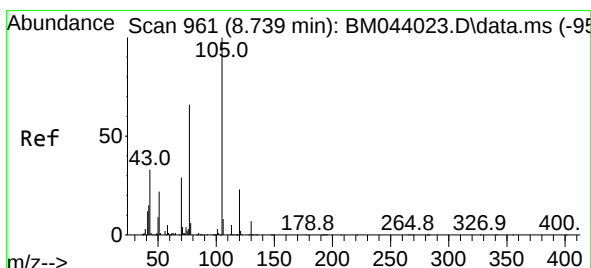
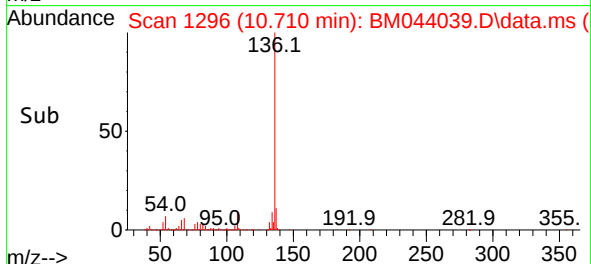
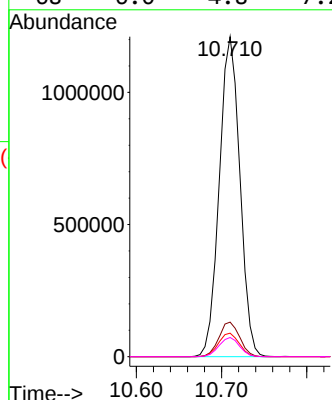
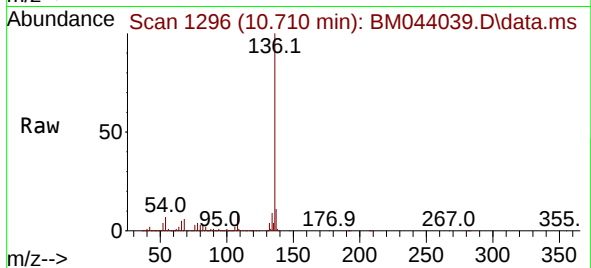




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BM044039.D
Acq: 09 Feb 2024 14:53

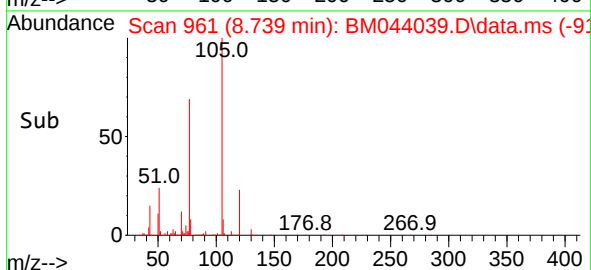
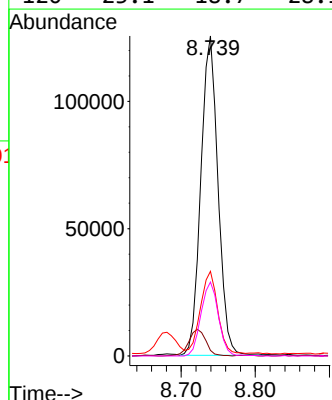
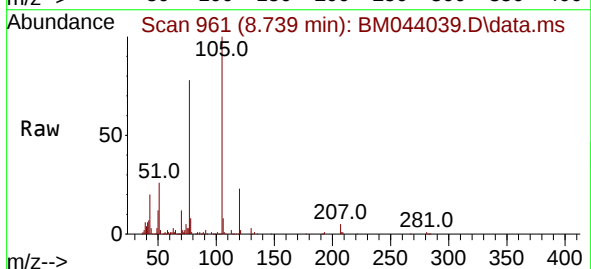
Instrument : BNA_M
ClientSampleId : LOD-MDL-WATER-01-QT4-2023

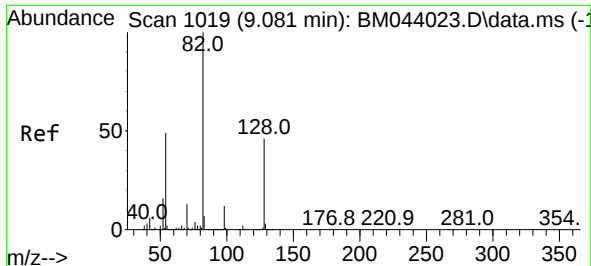
Tgt Ion:136 Resp: 2035298
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 7.4 5.9 8.9
68 6.0 4.8 7.2



#22
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

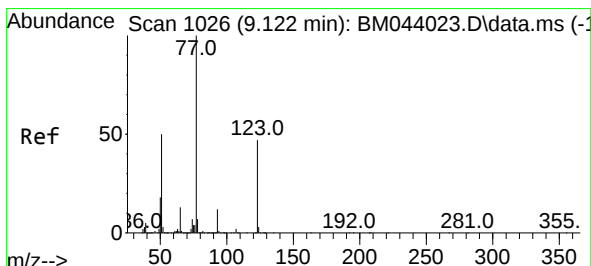
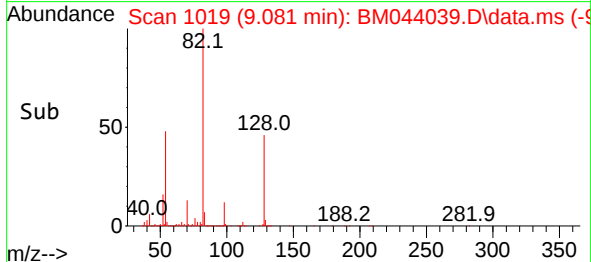
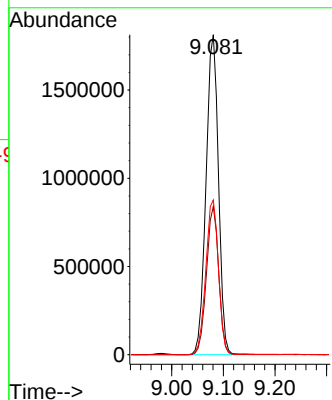
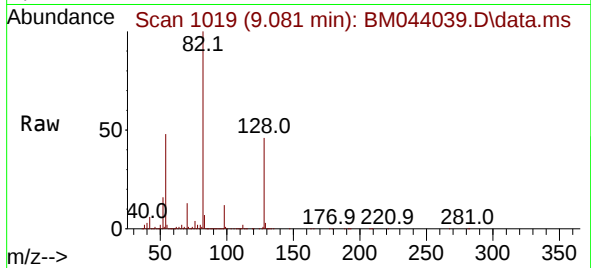




#23
Nitrobenzene-d5
Concen: 78.912 ng
RT: 9.081 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BM044039.D
Acq: 09 Feb 2024 14:53

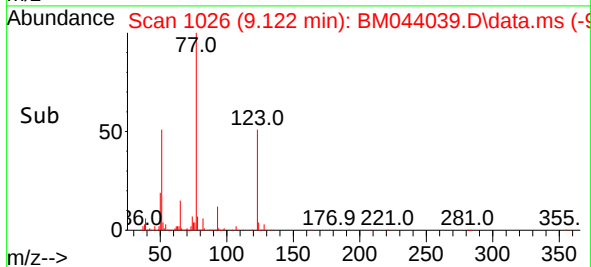
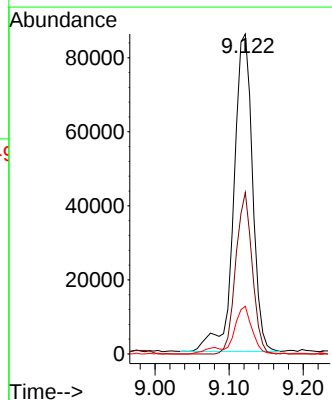
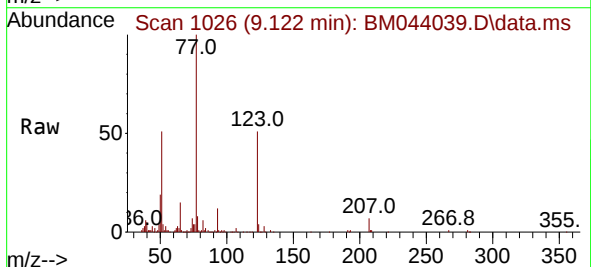
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

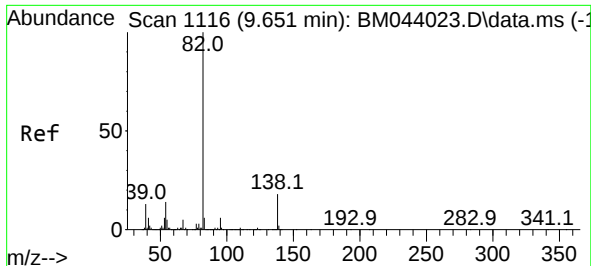
Tgt Ion: 82 Resp: 3026728
Ion Ratio Lower Upper
82 100
128 46.4 37.1 55.7
54 48.3 38.9 58.3



#24
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

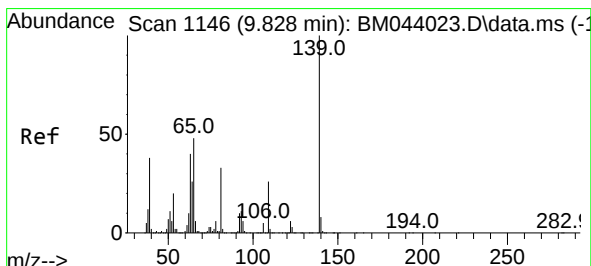
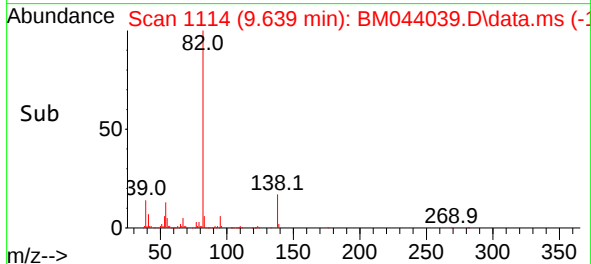
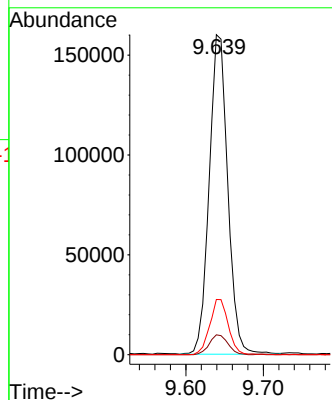
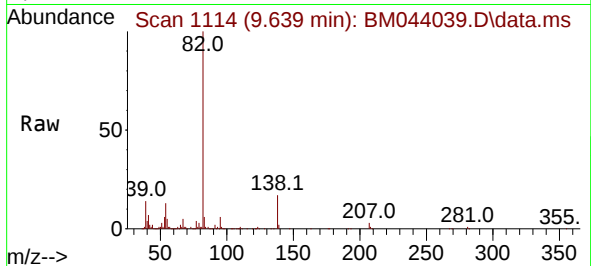




#25
Isophorone
Concen: 3.606 ng
RT: 9.639 min Scan# 1114
Delta R.T. -0.012 min
Lab File: BM044039.D
Acq: 09 Feb 2024 14:53

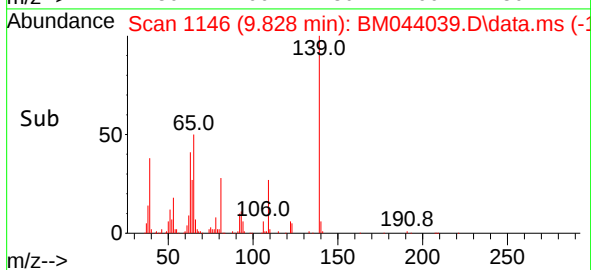
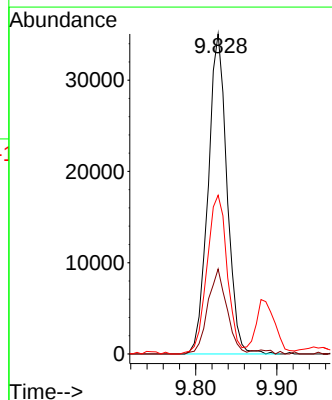
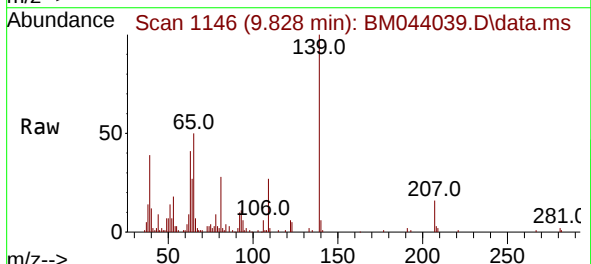
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

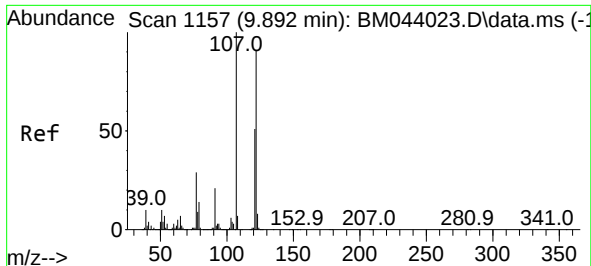
Tgt Ion: 82 Resp: 266349
Ion Ratio Lower Upper
82 100
95 6.2 5.2 7.8
138 17.2 14.3 21.5



#26
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

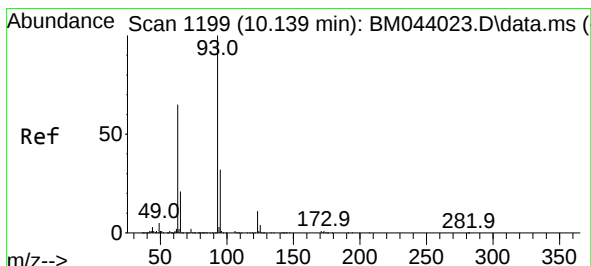
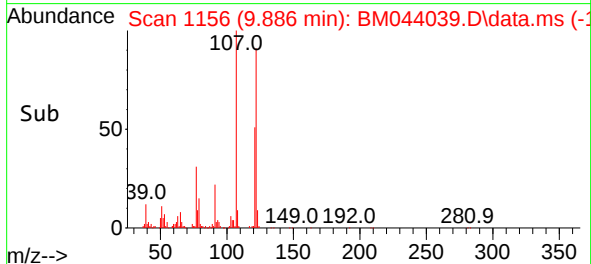
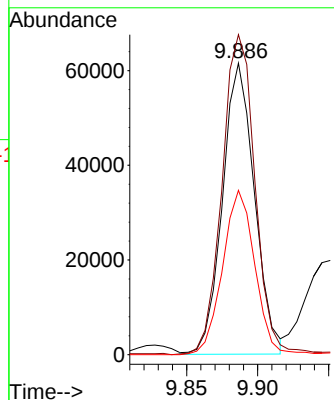
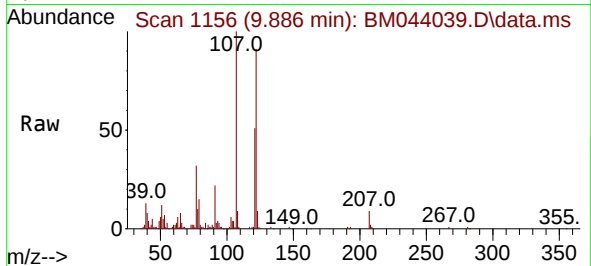




#27
2,4-Dimethylphenol
Concen: 4.135 ng
RT: 9.886 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BM044039.D
Acq: 09 Feb 2024 14:53

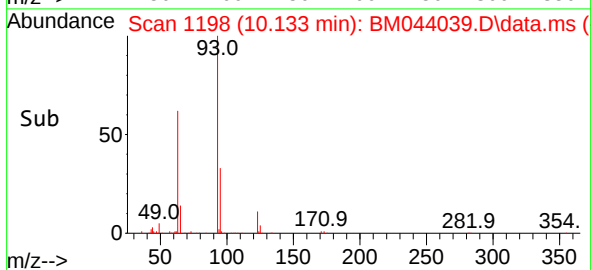
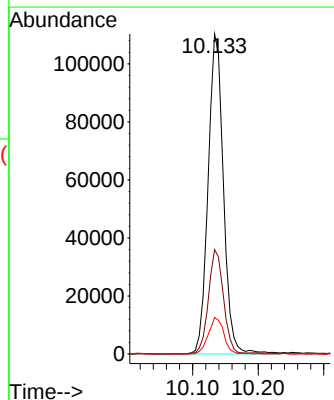
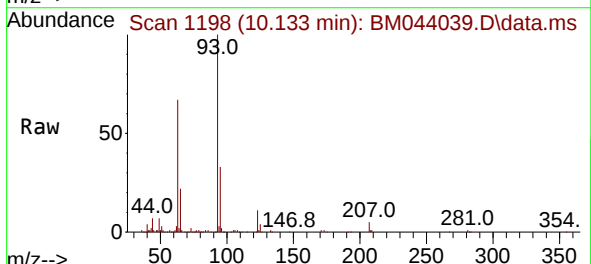
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

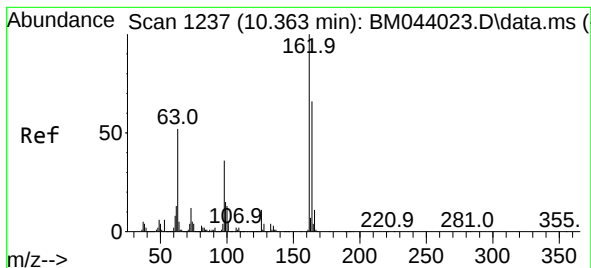
Tgt Ion:122 Resp: 96288
Ion Ratio Lower Upper
122 100
107 109.8 87.8 131.8
121 56.4 44.7 67.1



#28
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





#29

2,4-Dichlorophenol

Concen: 3.360 ng

RT: 10.357 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

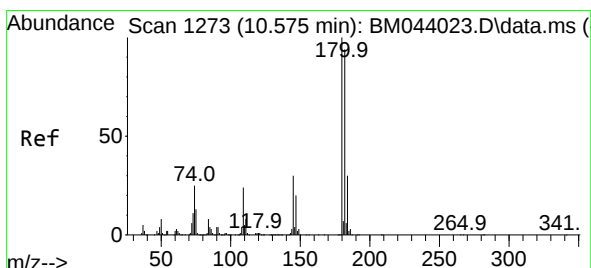
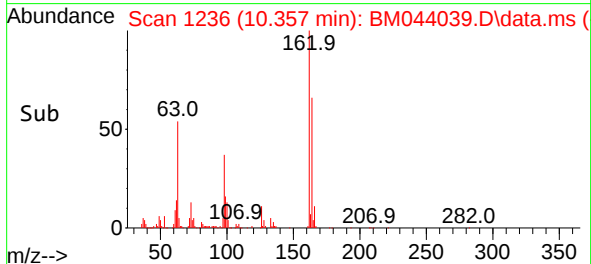
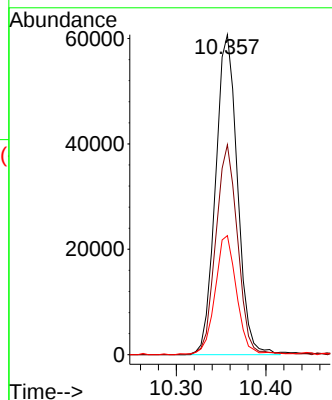
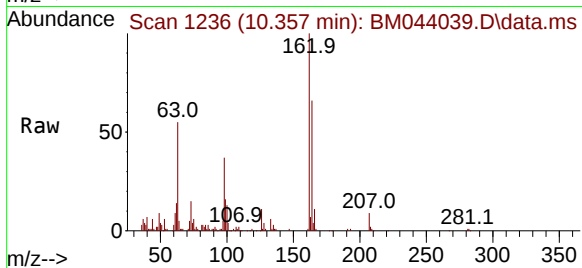
Tgt Ion:162 Resp: 103012

Ion Ratio Lower Upper

162 100

164 65.6 46.1 86.1

98 37.2 15.9 55.9



#30

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

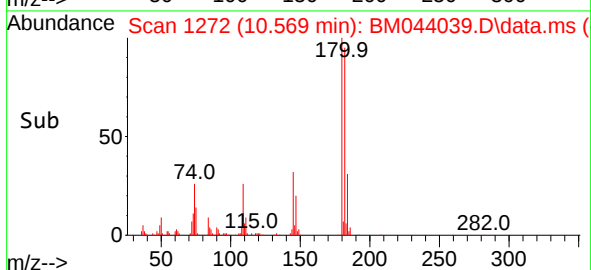
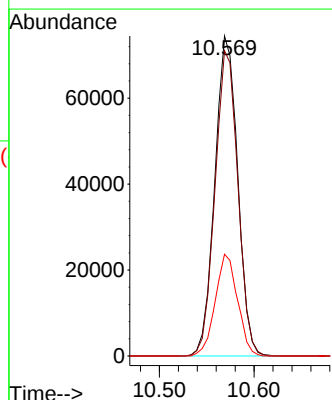
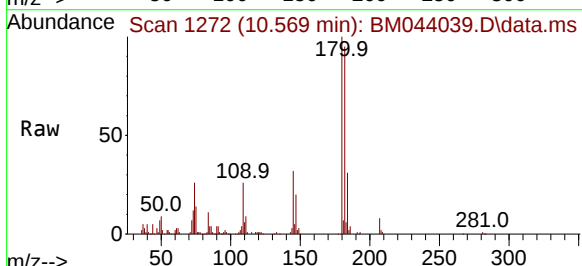
Tgt Ion:180 Resp: 124886

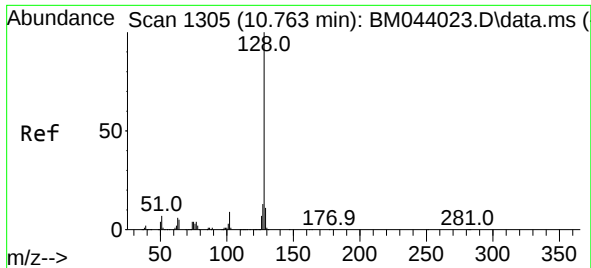
Ion Ratio Lower Upper

180 100

182 95.4 75.2 112.8

145 31.8 24.3 36.5

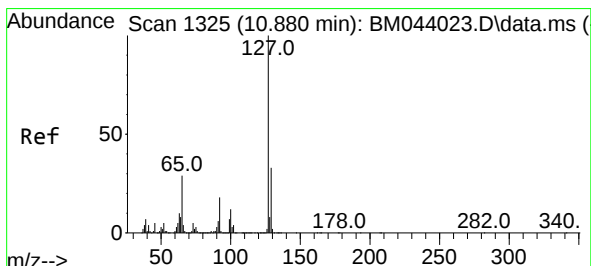
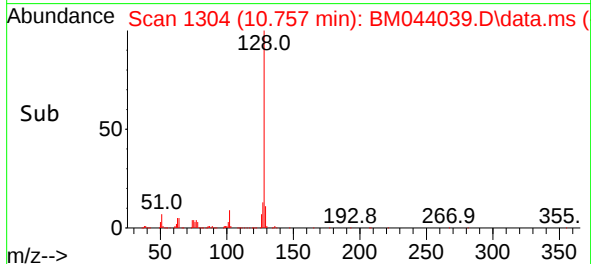
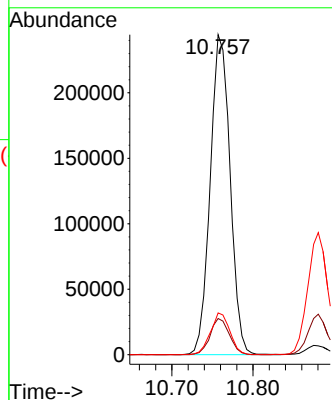
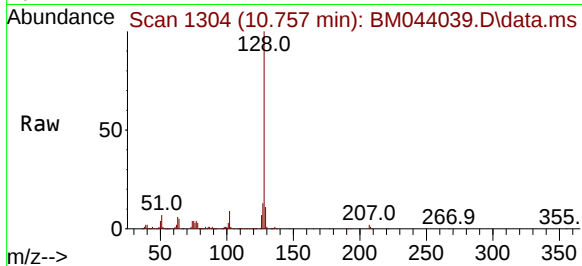




#31
Naphthalene
Concen: 3.702 ng
RT: 10.757 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM044039.D
Acq: 09 Feb 2024 14:53

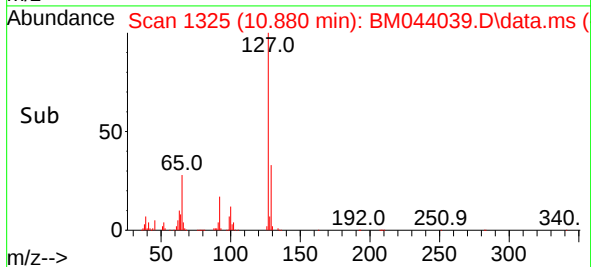
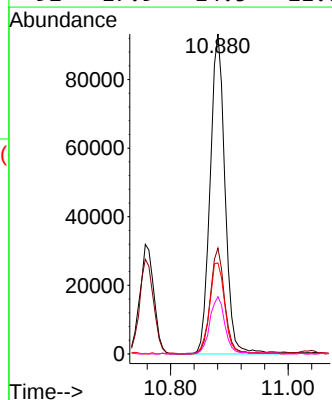
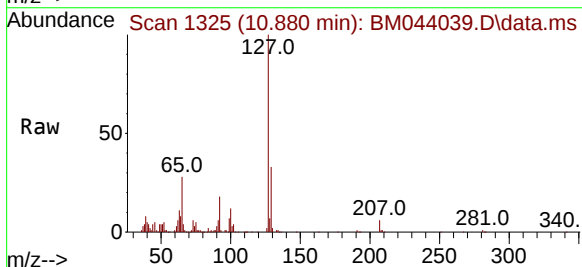
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

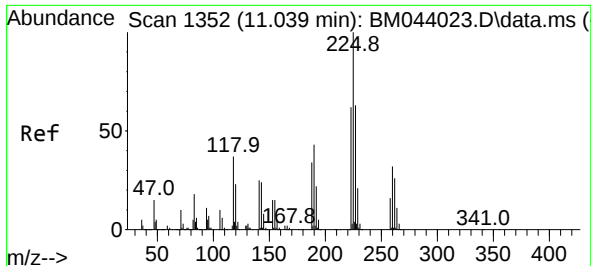
Tgt Ion:128 Resp: 415875
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.4
127 13.1 10.3 15.5



#33
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

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

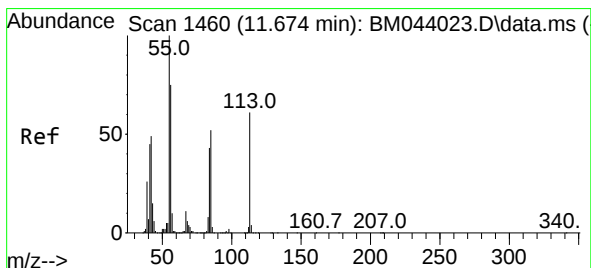
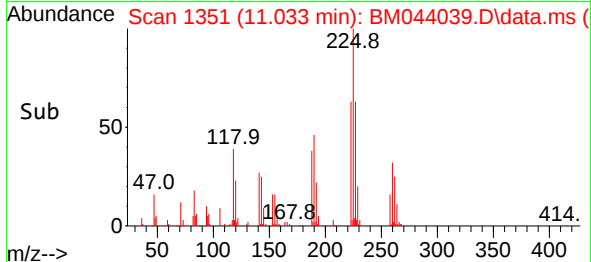
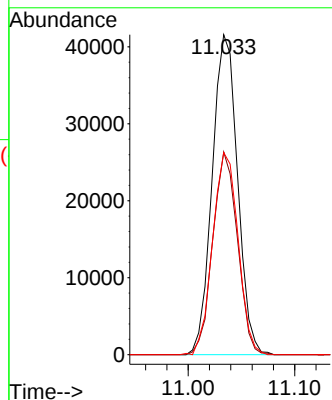
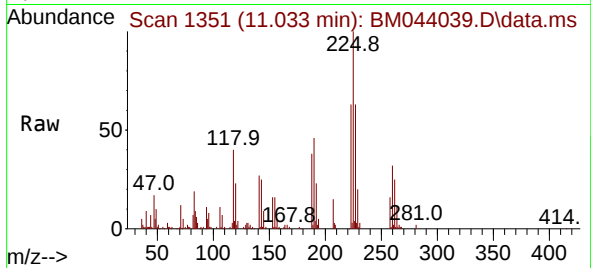




#34
Hexachlorobutadiene
Concen: 3.480 ng
RT: 11.033 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM044039.D
Acq: 09 Feb 2024 14:53

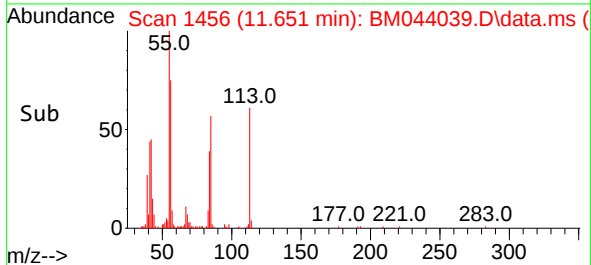
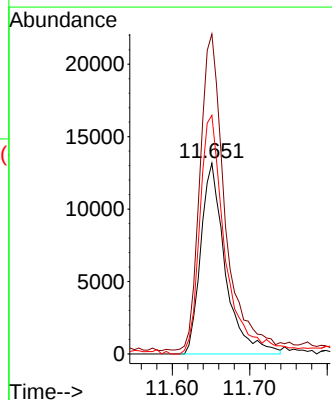
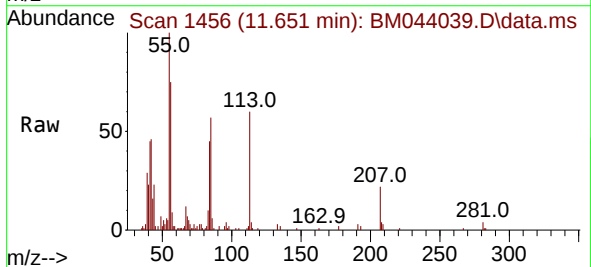
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

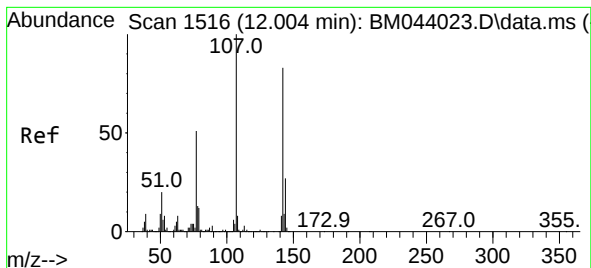
Tgt Ion:225 Resp: 68659
Ion Ratio Lower Upper
225 100
223 63.4 49.9 74.9
227 63.1 50.6 76.0



#35
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

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

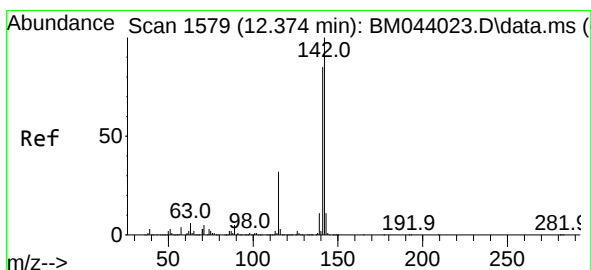
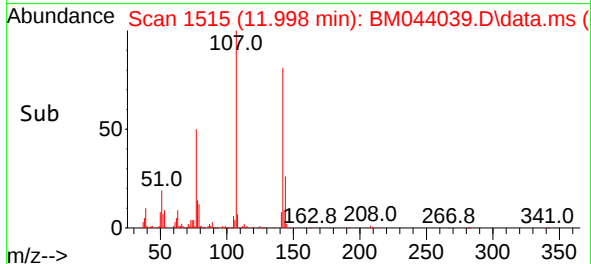
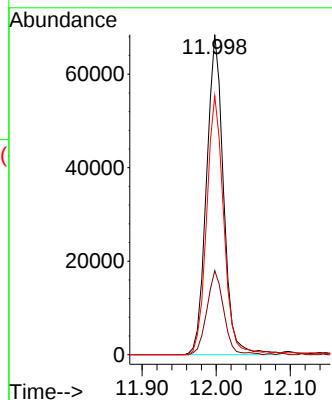
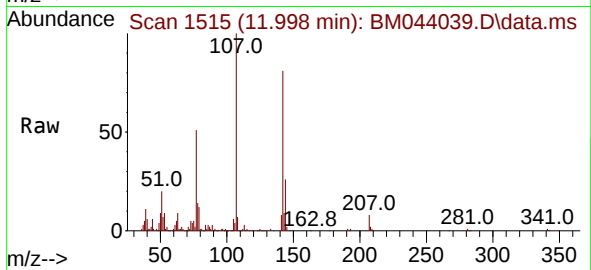




#36
4-Chloro-3-methylphenol
Concen: 3.295 ng
RT: 11.998 min Scan# 1515
Delta R.T. -0.006 min
Lab File: BM044039.D
Acq: 09 Feb 2024 14:53

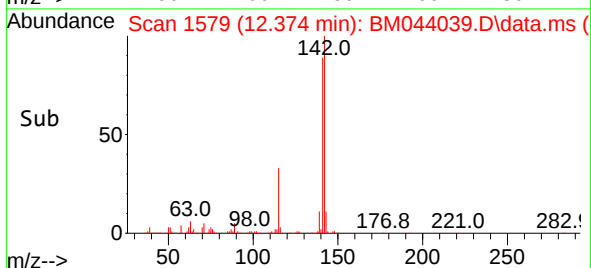
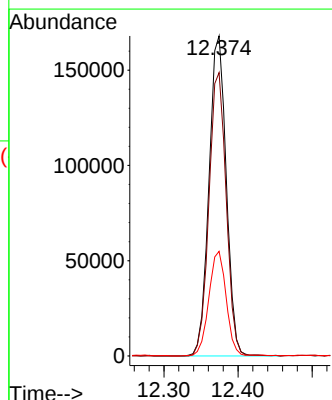
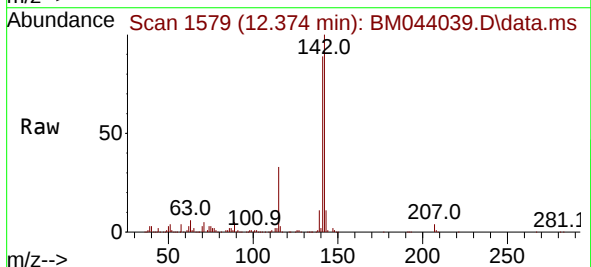
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

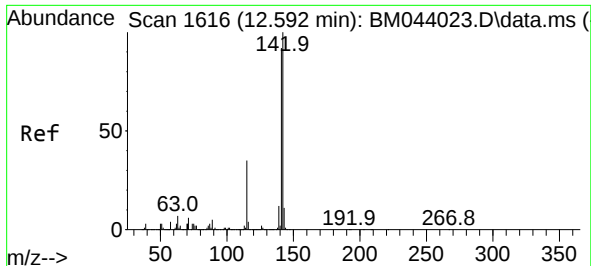
Tgt Ion:107 Resp: 109393
Ion Ratio Lower Upper
107 100
144 26.3 21.3 31.9
142 80.9 66.2 99.4



#37
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

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

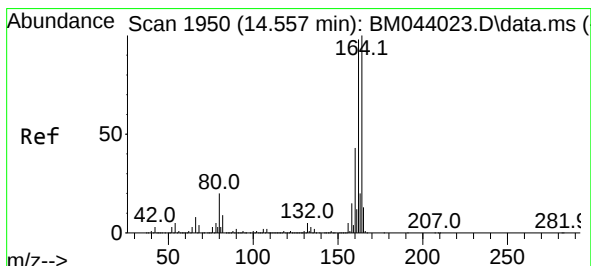
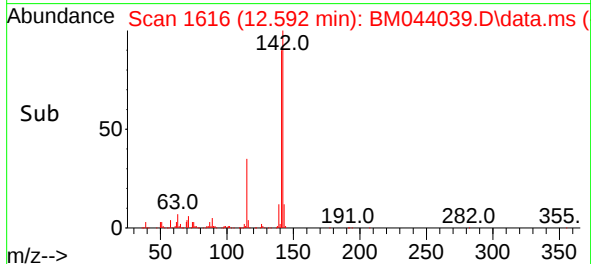
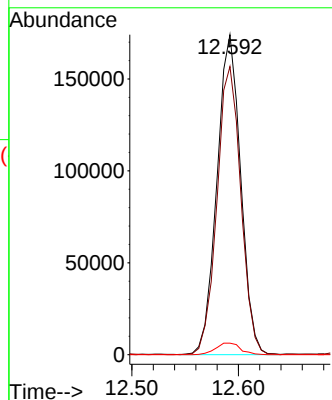
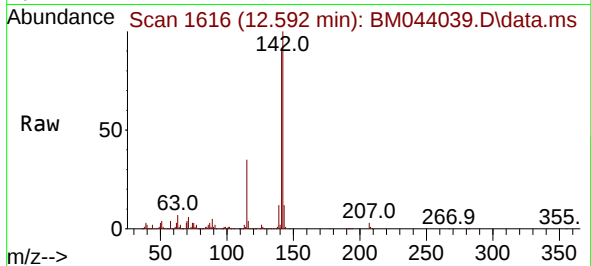




#38
1-Methylnaphthalene
Concen: 3.665 ng
RT: 12.592 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM044039.D
Acq: 09 Feb 2024 14:53

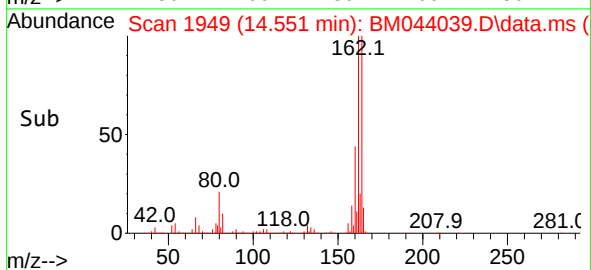
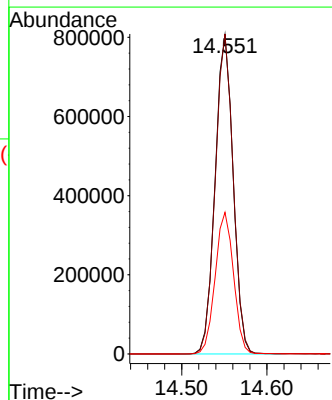
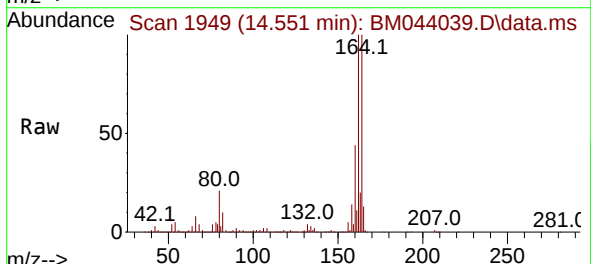
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

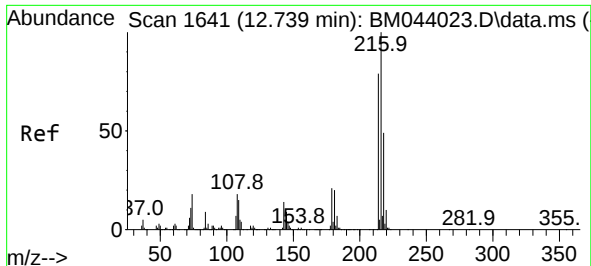
Tgt Ion:142 Resp: 269458
Ion Ratio Lower Upper
142 100
141 90.1 73.4 110.0
116 3.6 3.0 4.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.551 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BM044039.D
Acq: 09 Feb 2024 14:53

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

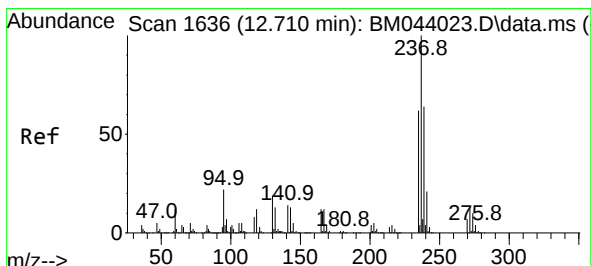
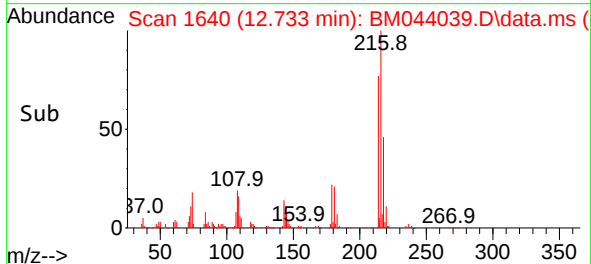
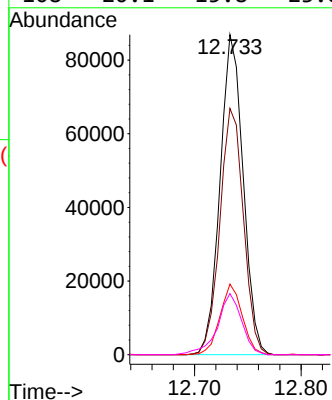
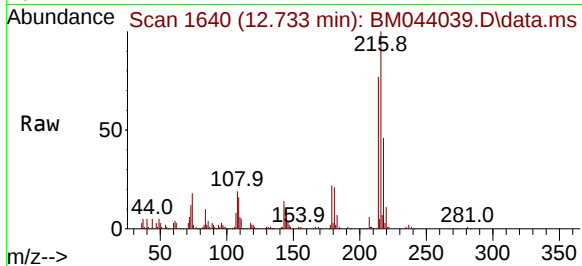




#40
1,2,4,5-Tetrachlorobenzene
Concen: 3.796 ng
RT: 12.733 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM044039.D
Acq: 09 Feb 2024 14:53

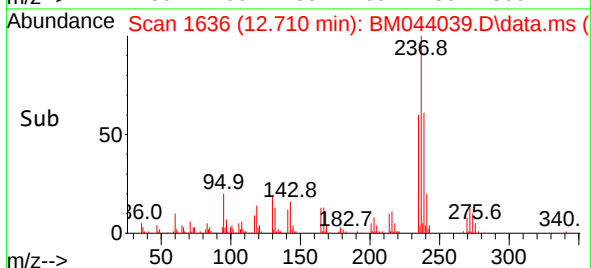
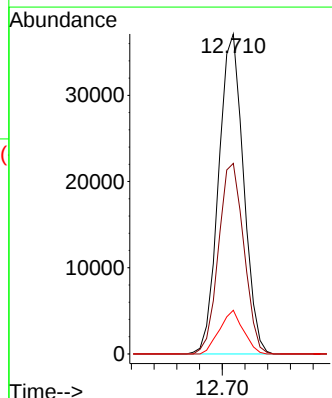
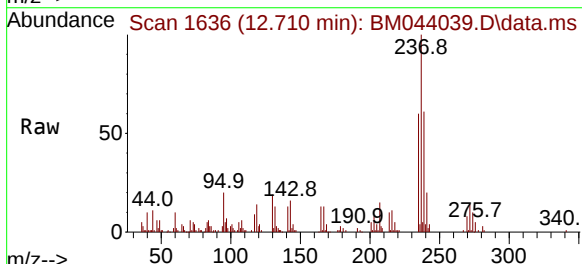
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

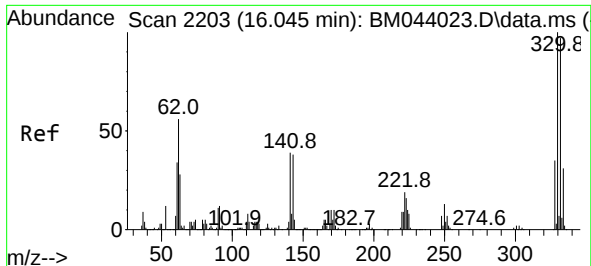
Tgt Ion:216 Resp: 130683
Ion Ratio Lower Upper
216 100
214 78.4 63.1 94.7
179 21.4 17.0 25.6
108 20.1 15.8 23.8



#41
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

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

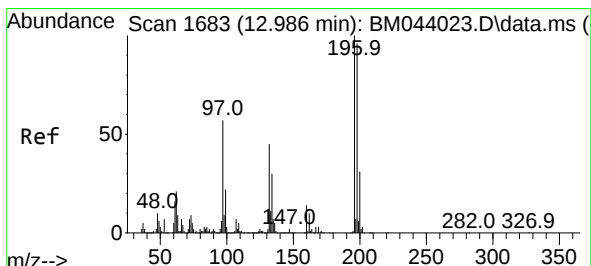
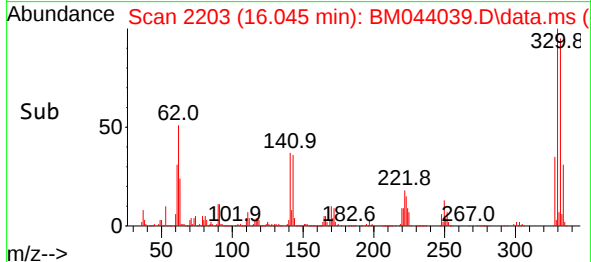
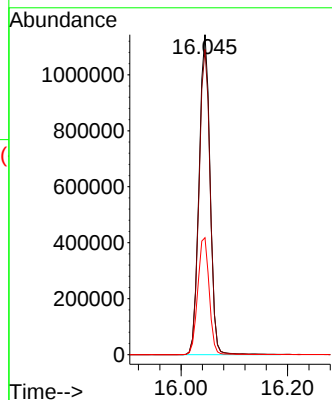
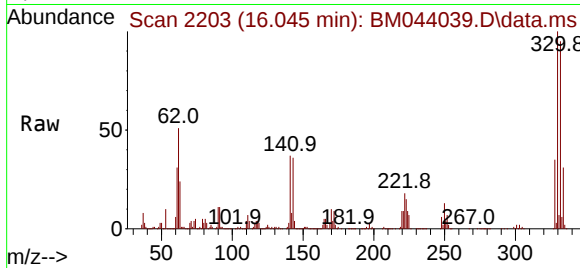




#42
2,4,6-Tribromophenol
Concen: 127.866 ng
RT: 16.045 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM044039.D
Acq: 09 Feb 2024 14:53

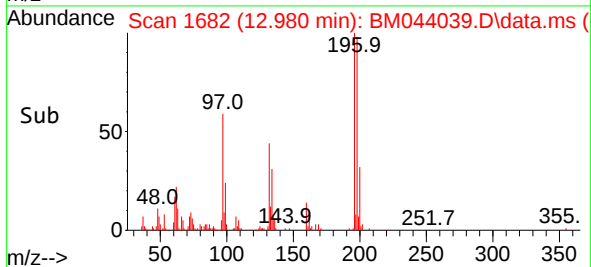
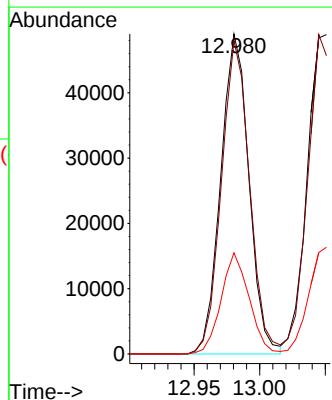
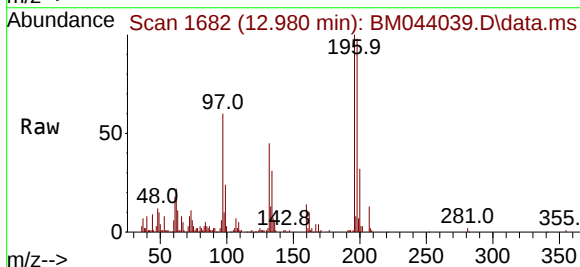
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

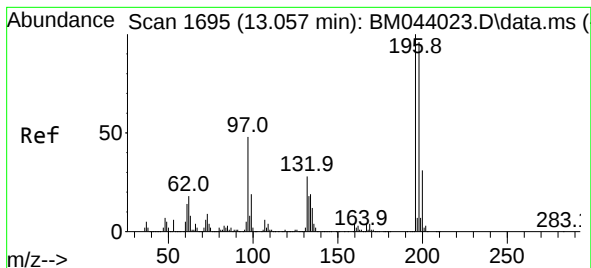
Tgt Ion:330 Resp: 1639605
Ion Ratio Lower Upper
330 100
332 96.3 77.7 116.5
141 38.0 31.0 46.4



#43
2,4,6-Trichlorophenol
Concen: 3.129 ng
RT: 12.980 min Scan# 1682
Delta R.T. -0.006 min
Lab File: BM044039.D
Acq: 09 Feb 2024 14:53

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





#44

2,4,5-Trichlorophenol

Concen: 3.156 ng

RT: 13.051 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM044039.D

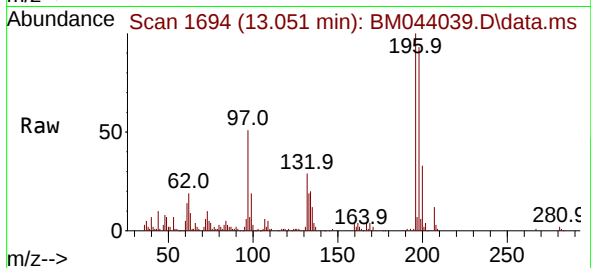
Acq: 09 Feb 2024 14:53

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023



Tgt Ion:196 Resp: 81146

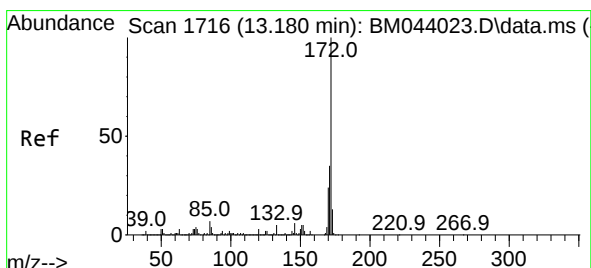
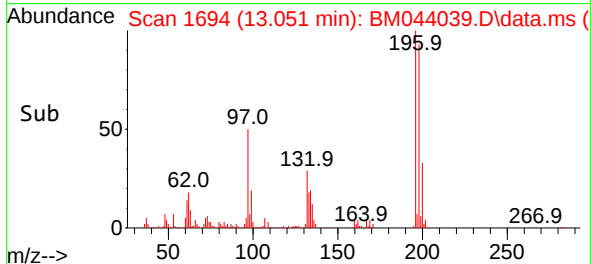
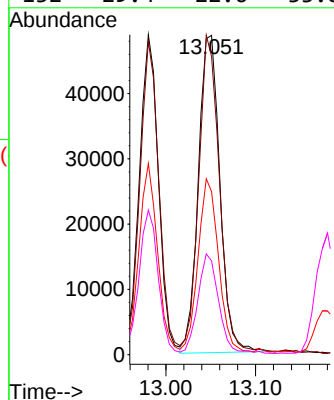
Ion Ratio Lower Upper

196 100

198 93.3 76.9 115.3

97 51.1 39.0 58.4

132 29.4 22.6 33.8



#45

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

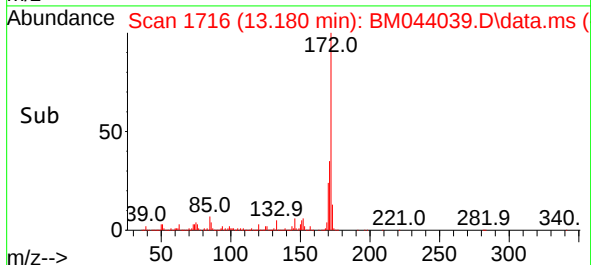
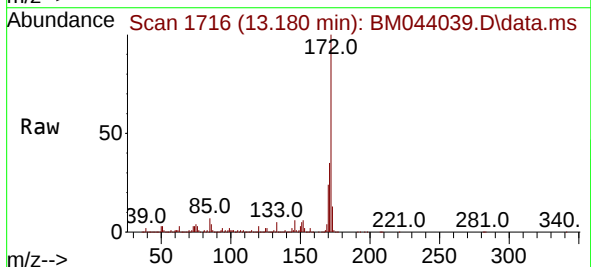
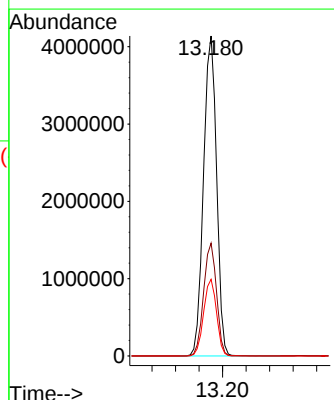
Tgt Ion:172 Resp: 6385956

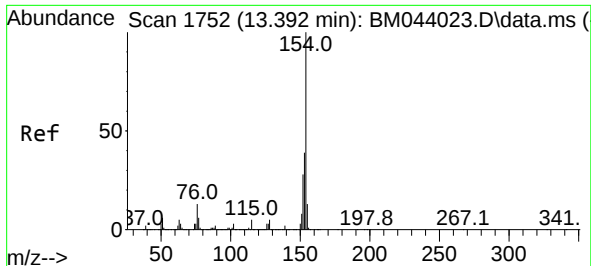
Ion Ratio Lower Upper

172 100

171 35.3 27.9 41.9

170 24.0 19.0 28.4

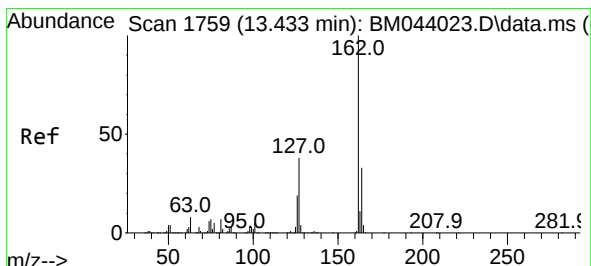
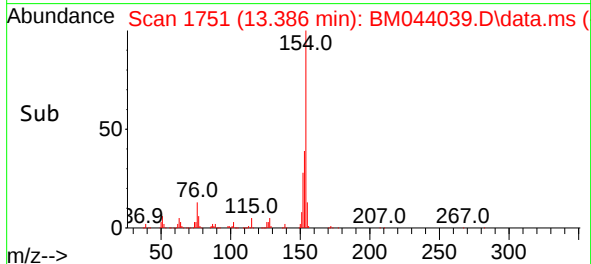
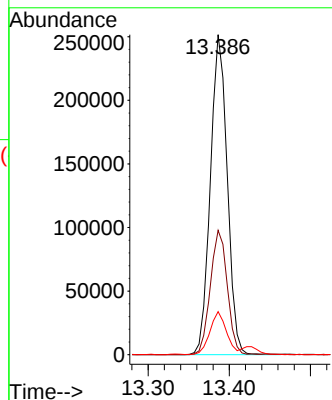
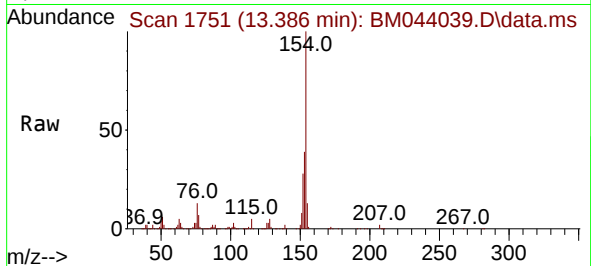




#46
1,1'-Biphenyl
Concen: 3.875 ng
RT: 13.386 min Scan# 1751
Delta R.T. -0.006 min
Lab File: BM044039.D
Acq: 09 Feb 2024 14:53

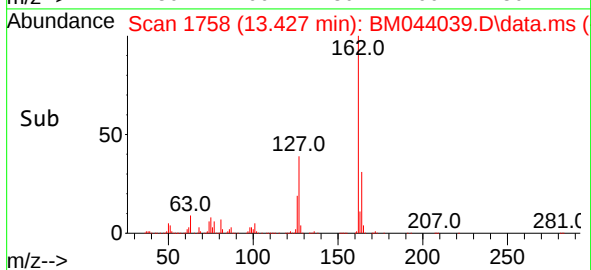
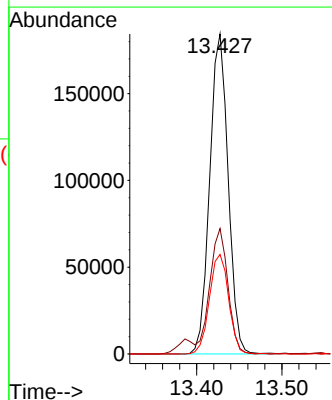
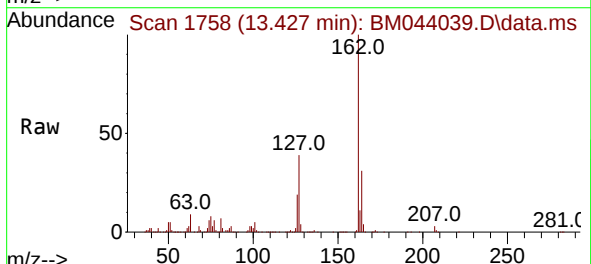
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

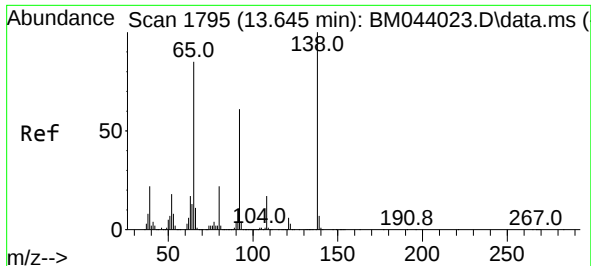
Tgt Ion:154 Resp: 362093
Ion Ratio Lower Upper
154 100
153 38.8 19.4 59.4
76 13.4 0.0 32.9



#47
2-Chloronaphthalene
Concen: 3.741 ng
RT: 13.427 min Scan# 1758
Delta R.T. -0.006 min
Lab File: BM044039.D
Acq: 09 Feb 2024 14:53

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

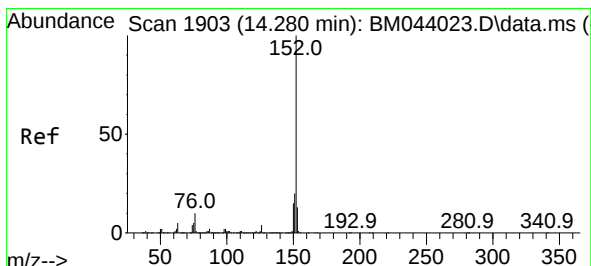
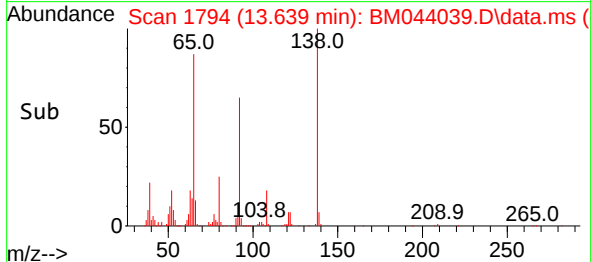
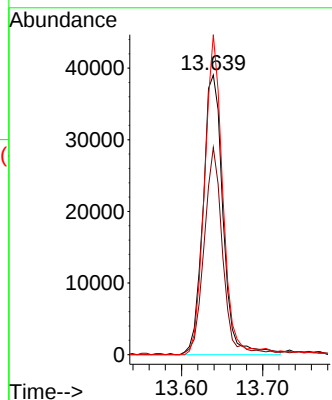
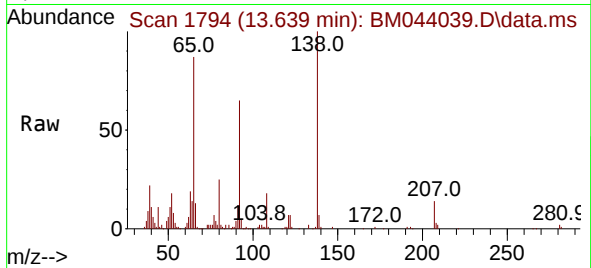




#48
2-Nitroaniline
Concen: 3.209 ng
RT: 13.639 min Scan# 1794
Delta R.T. -0.006 min
Lab File: BM044039.D
Acq: 09 Feb 2024 14:53

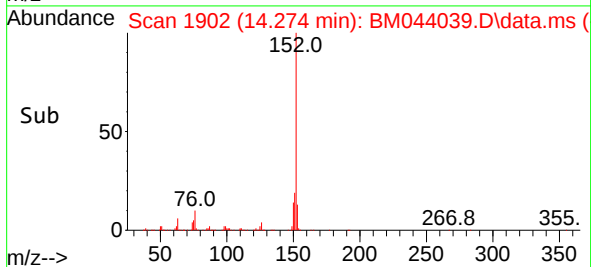
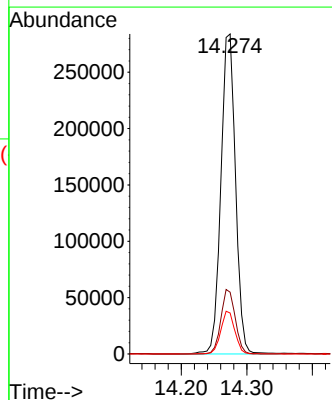
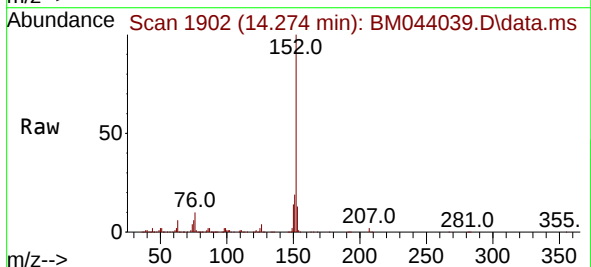
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

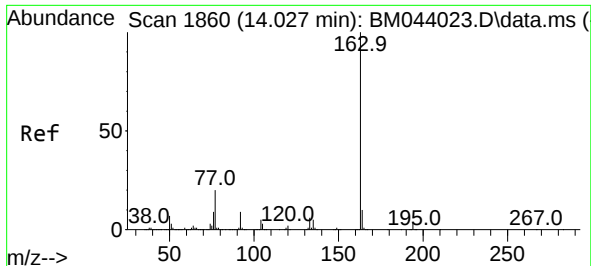
Tgt Ion: 65 Resp: 66839
Ion Ratio Lower Upper
65 100
92 74.1 58.1 87.1
138 114.4 94.6 142.0



#49
Acenaphthylene
Concen: 3.967 ng
RT: 14.274 min Scan# 1902
Delta R.T. -0.006 min
Lab File: BM044039.D
Acq: 09 Feb 2024 14:53

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

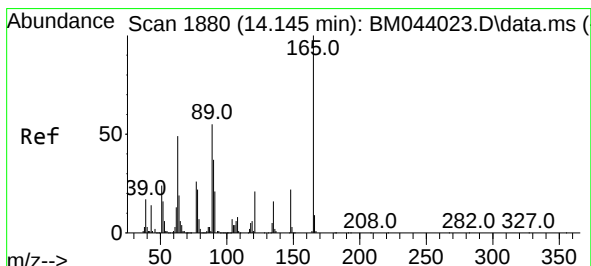
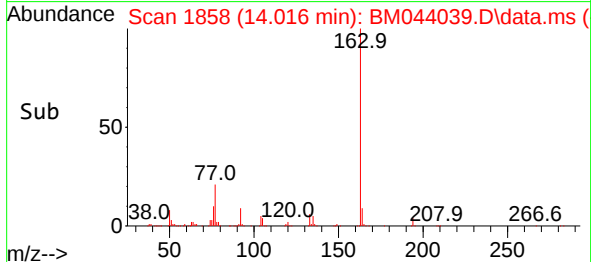
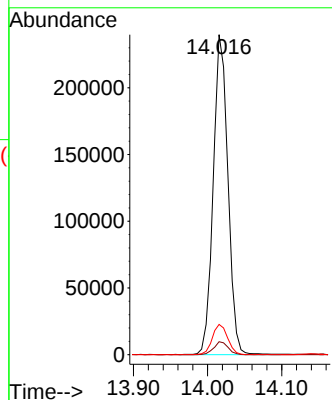
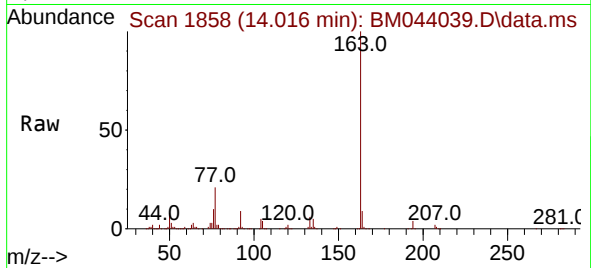




#50
Dimethylphthalate
Concen: 3.756 ng
RT: 14.016 min Scan# 1858
Delta R.T. -0.012 min
Lab File: BM044039.D
Acq: 09 Feb 2024 14:53

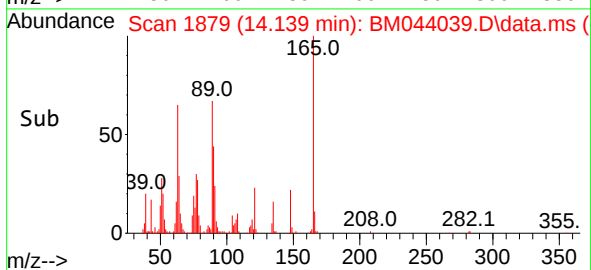
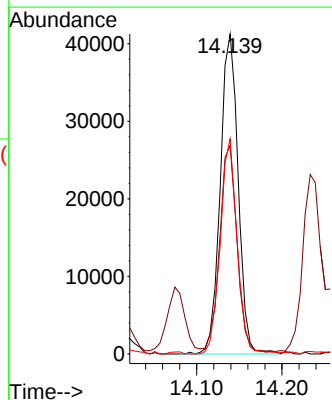
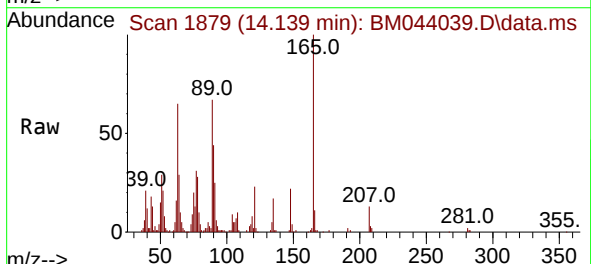
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

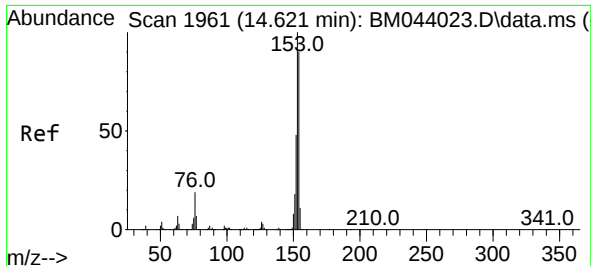
Tgt Ion:163 Resp: 329832
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 9.5 8.2 12.2



#51
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

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#

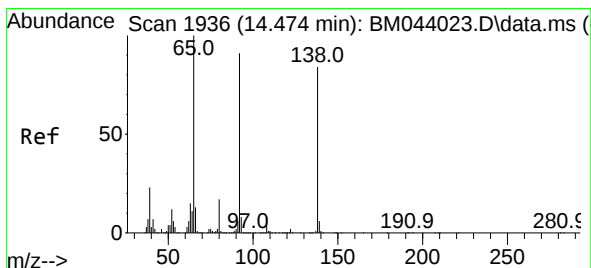
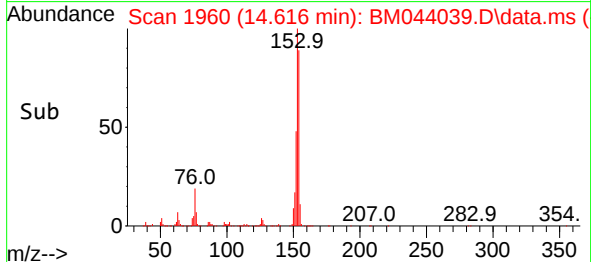
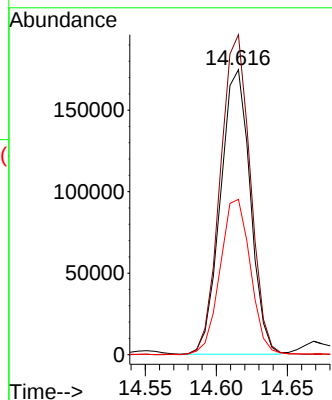
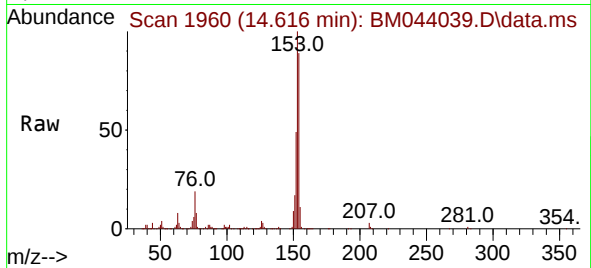




#52
Acenaphthene
Concen: 3.729 ng
RT: 14.616 min Scan# 1960
Delta R.T. -0.006 min
Lab File: BM044039.D
Acq: 09 Feb 2024 14:53

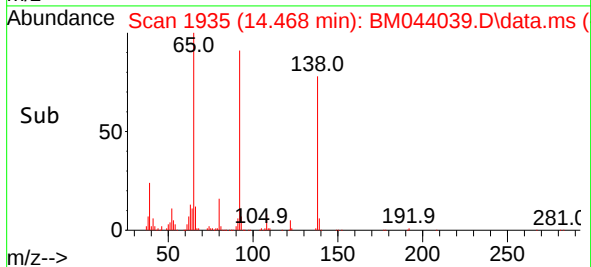
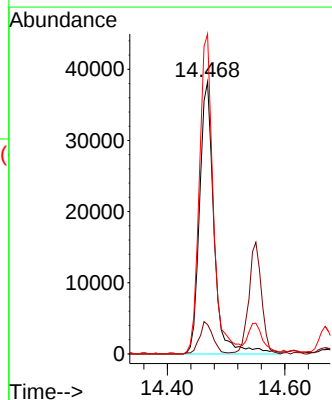
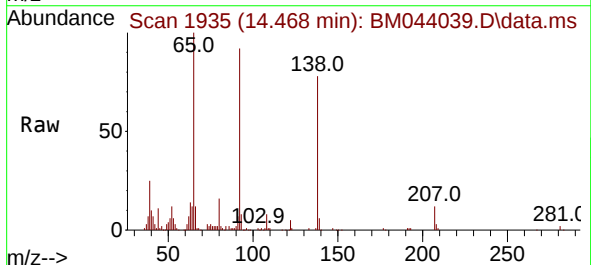
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

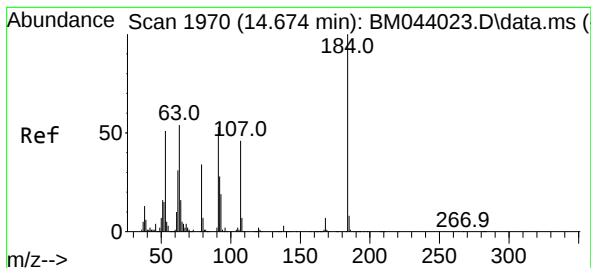
Tgt Ion:154 Resp: 254868
Ion Ratio Lower Upper
154 100
153 112.3 89.3 133.9
152 54.5 43.0 64.6



#53
3-Nitroaniline
Concen: 3.145 ng
RT: 14.468 min Scan# 1935
Delta R.T. -0.006 min
Lab File: BM044039.D
Acq: 09 Feb 2024 14:53

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

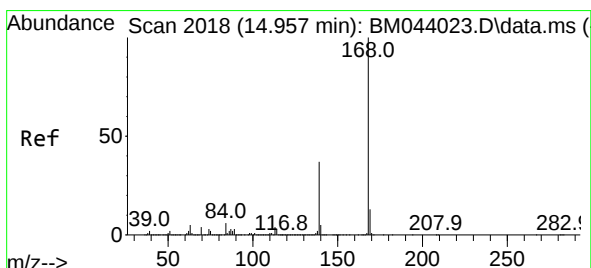
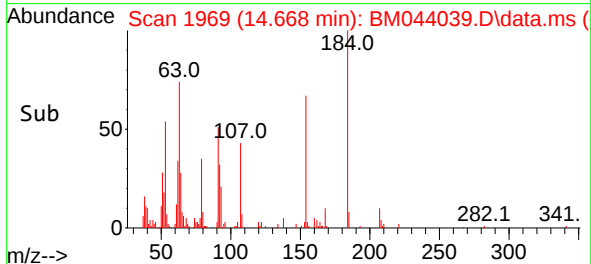
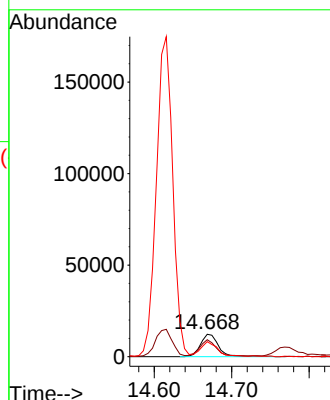
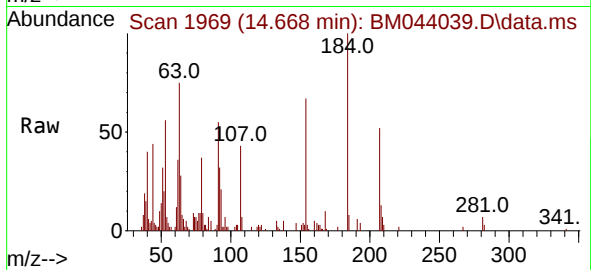




#54
2,4-Dinitrophenol
Concen: 7.175 ng
RT: 14.668 min Scan# 1970
Delta R.T. -0.006 min
Lab File: BM044039.D
Acq: 09 Feb 2024 14:53

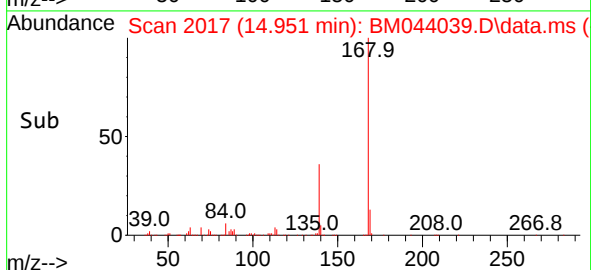
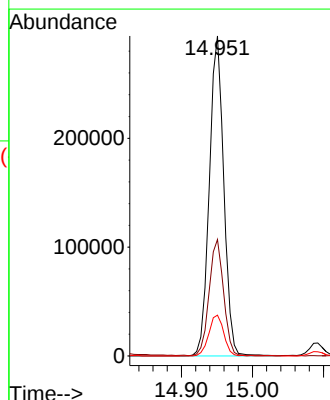
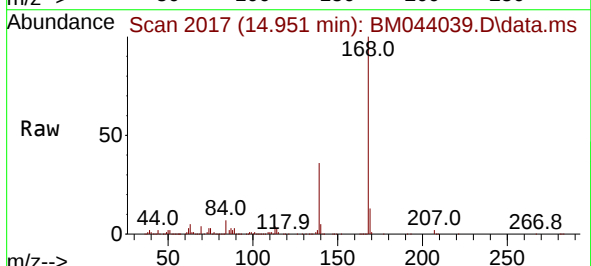
Instrument : BNA_M
ClientSampleId : LOD-MDL-WATER-01-QT4-2023

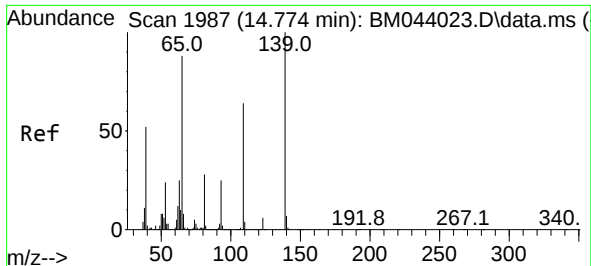
Tgt Ion:184 Resp: 19845
Ion Ratio Lower Upper
184 100
63 75.3 55.4 83.2
154 67.1 49.2 73.8



#55
Dibenzofuran
Concen: 3.928 ng
RT: 14.951 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BM044039.D
Acq: 09 Feb 2024 14:53

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

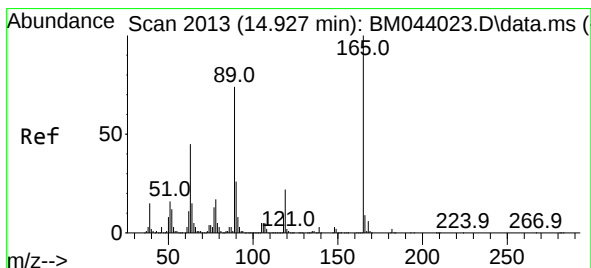
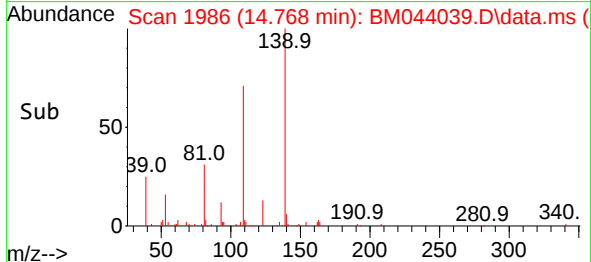
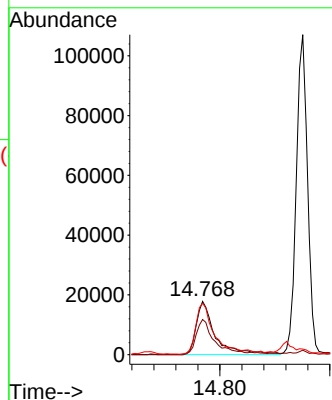
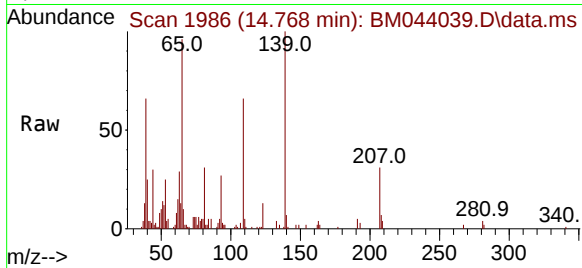




#56
4-Nitrophenol
Concen: 2.514 ng
RT: 14.768 min Scan# 1986
Delta R.T. -0.006 min
Lab File: BM044039.D
Acq: 09 Feb 2024 14:53

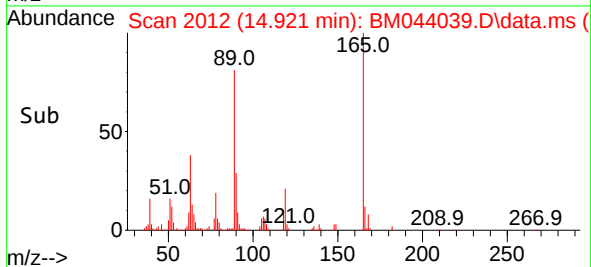
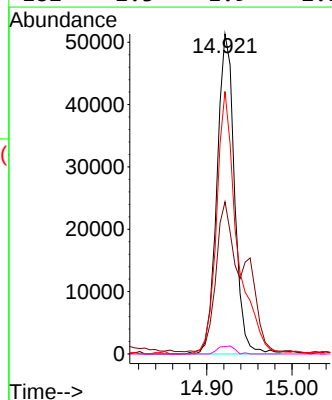
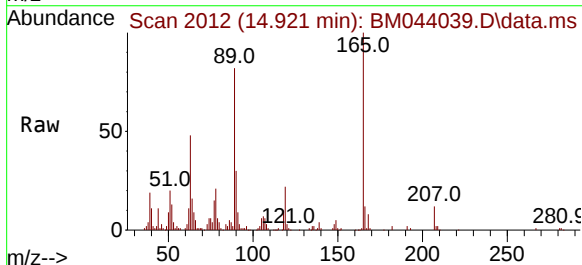
Instrument : BNA_M
ClientSampleId : LOD-MDL-WATER-01-QT4-2023

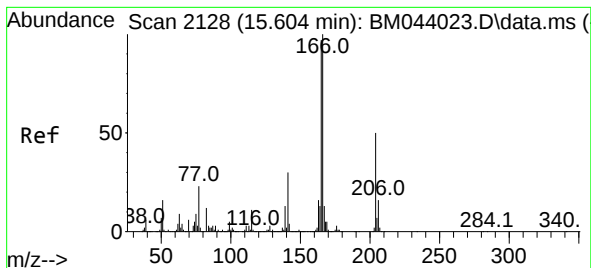
Tgt Ion:139 Resp: 42557
Ion Ratio Lower Upper
139 100
109 66.1 43.8 83.8
65 96.2 67.7 107.7



#57
2,4-Dinitrotoluene
Concen: 2.905 ng
RT: 14.921 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BM044039.D
Acq: 09 Feb 2024 14:53

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





#58

Fluorene

Concen: 3.940 ng

RT: 15.598 min Scan# 21

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

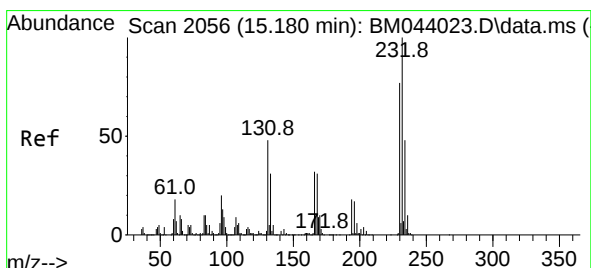
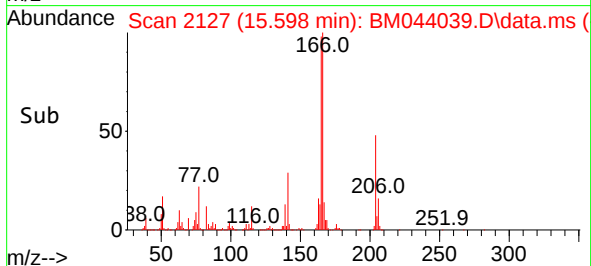
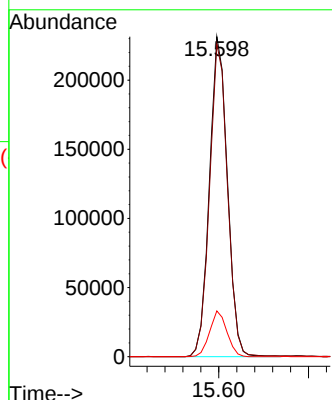
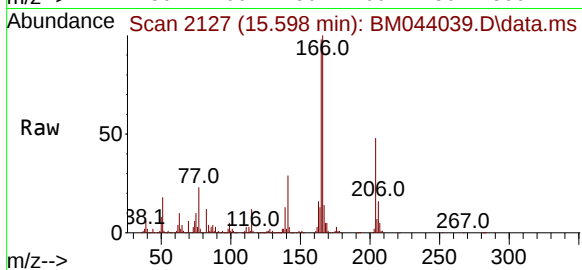
Tgt Ion:166 Resp: 322089

Ion Ratio Lower Upper

166 100

165 97.7 77.7 116.5

167 14.3 10.7 16.1



#59

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

Tgt Ion:232 Resp: 69331

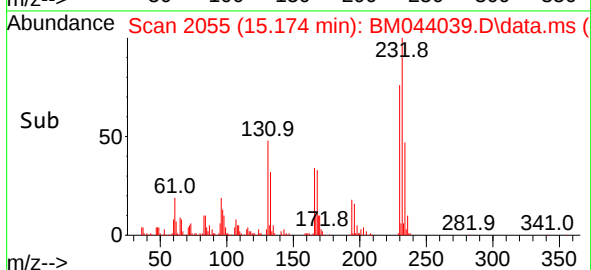
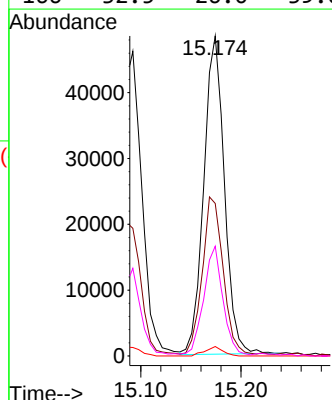
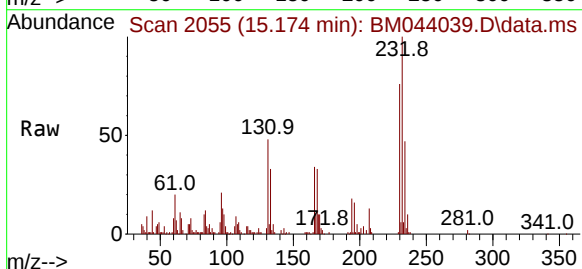
Ion Ratio Lower Upper

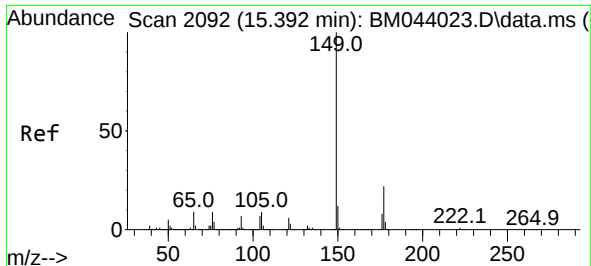
232 100

131 49.7 39.5 59.3

130 2.5 2.0 3.0

166 32.5 26.0 39.0

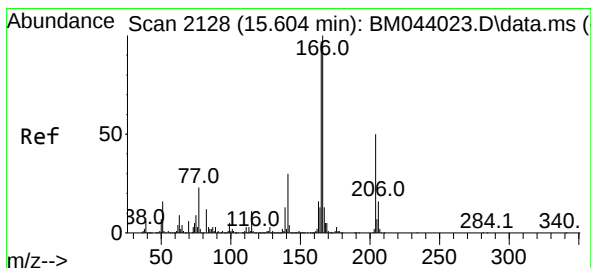
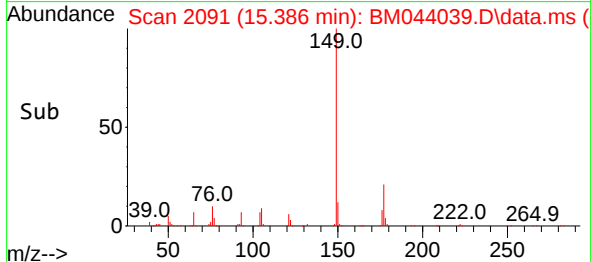
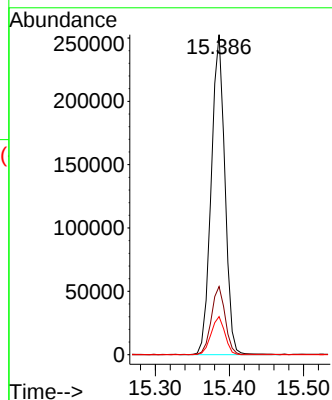
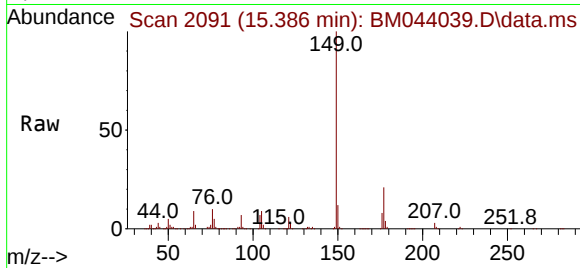




#60
Diethylphthalate
Concen: 3.552 ng
RT: 15.386 min Scan# 2092
Delta R.T. -0.006 min
Lab File: BM044039.D
Acq: 09 Feb 2024 14:53

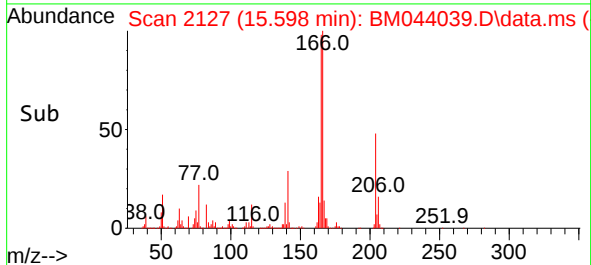
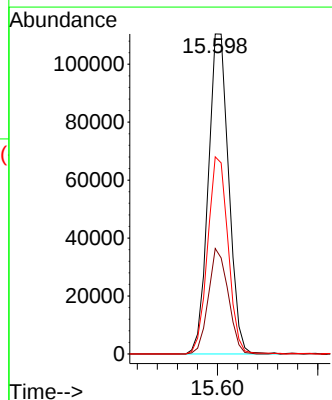
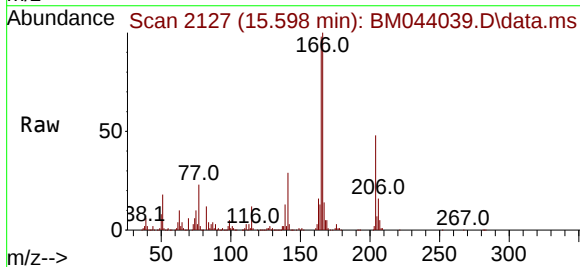
Instrument : BNA_M
ClientSampleId : LOD-MDL-WATER-01-QT4-2023

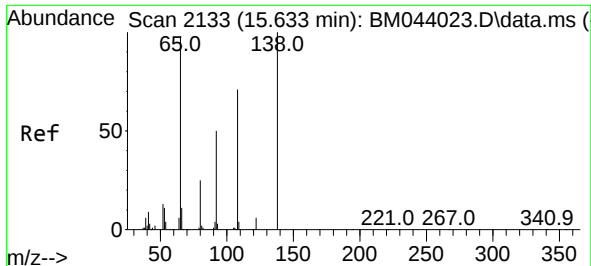
Tgt Ion:149 Resp: 322367
Ion Ratio Lower Upper
149 100
177 21.3 17.5 26.3
150 11.9 9.8 14.6



#61
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

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

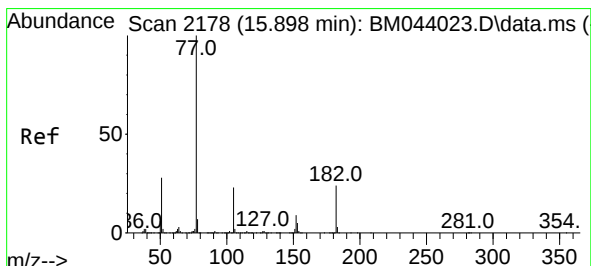
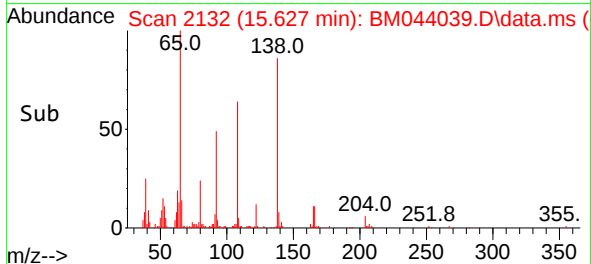
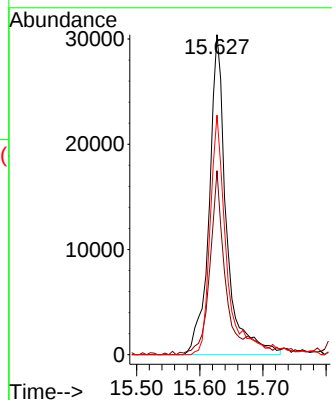
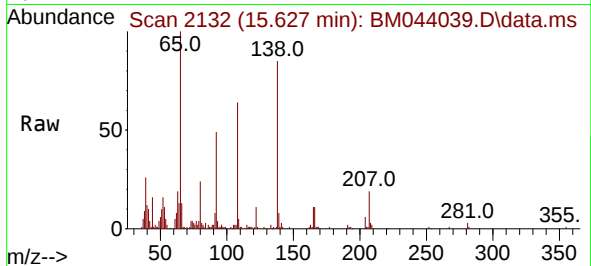




#62
4-Nitroaniline
Concen: 2.764 ng
RT: 15.627 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BM044039.D
Acq: 09 Feb 2024 14:53

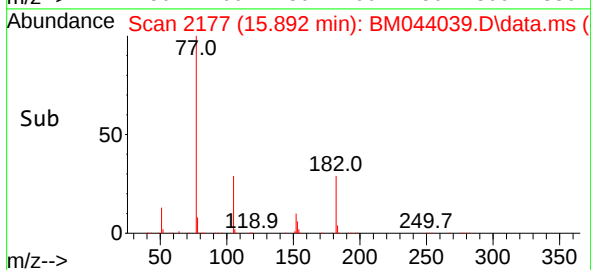
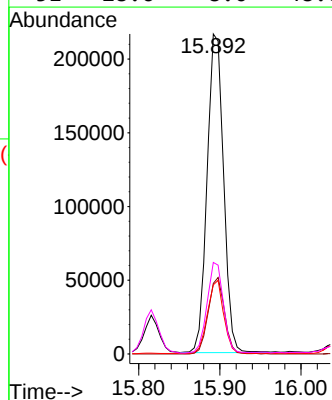
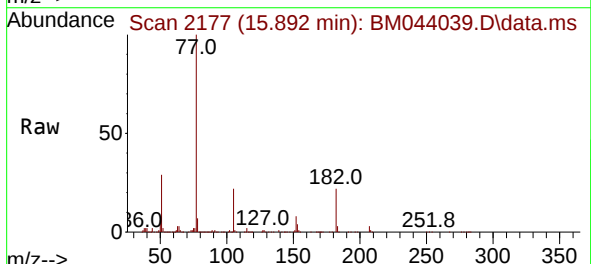
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

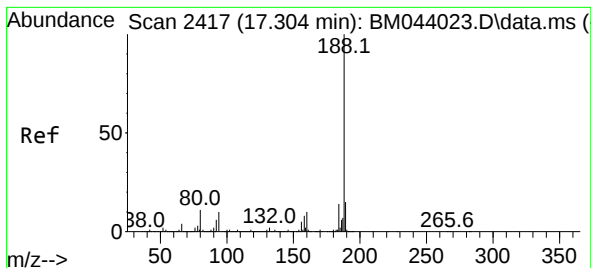
Tgt Ion:138 Resp: 57935
Ion Ratio Lower Upper
138 100
92 57.5 29.6 69.6
108 74.9 47.8 87.8



#63
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

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





#64

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

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

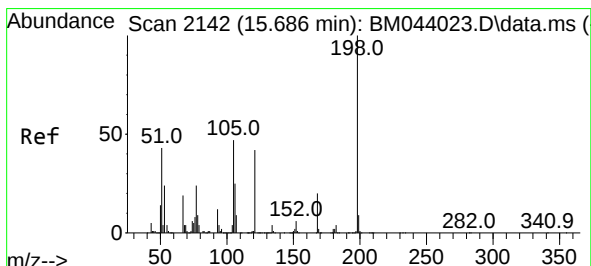
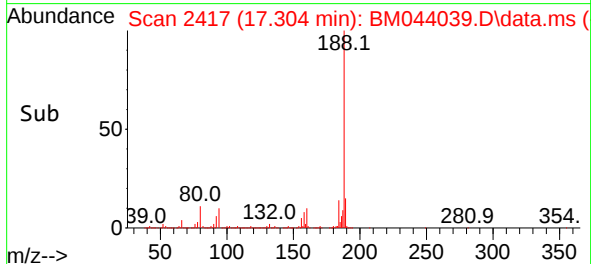
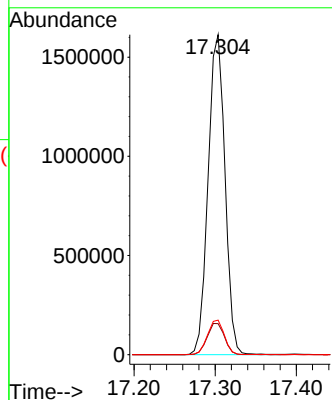
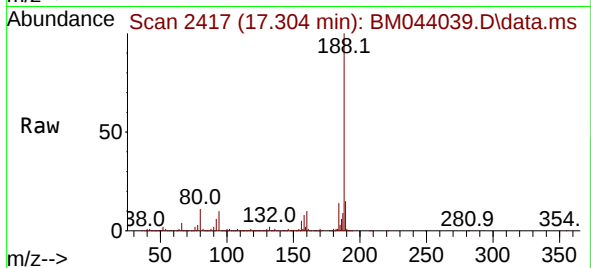
Tgt Ion:188 Resp: 2324924

Ion Ratio Lower Upper

188 100

94 9.7 8.2 12.2

80 10.8 8.8 13.2



#65

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

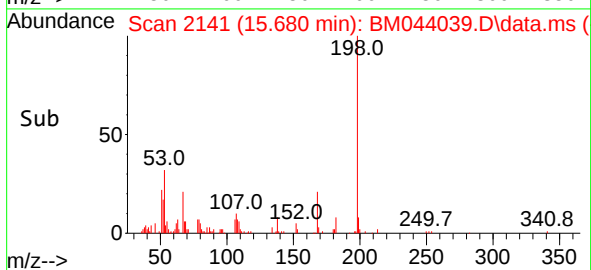
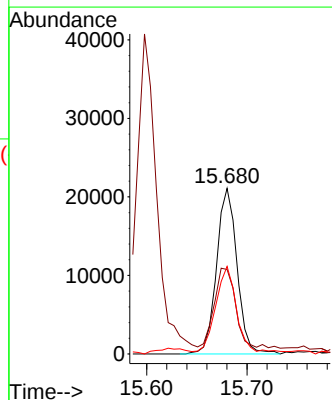
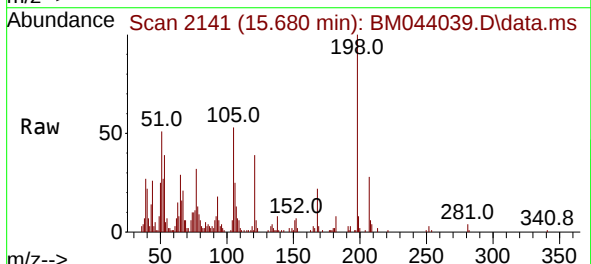
Tgt Ion:198 Resp: 29902

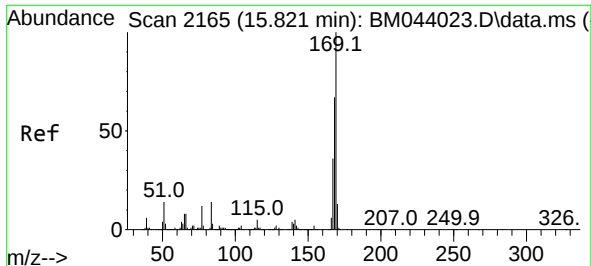
Ion Ratio Lower Upper

198 100

51 51.0 29.9 69.9

105 52.8 28.7 68.7

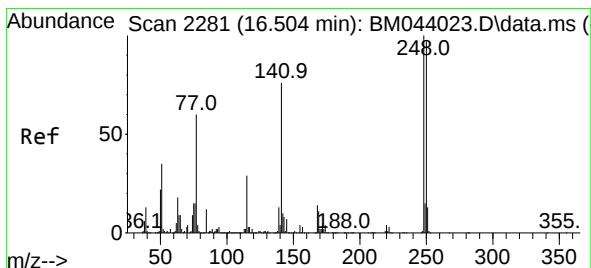
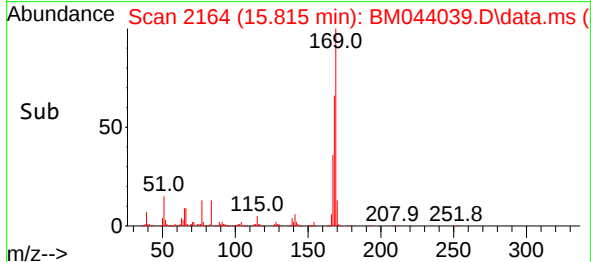
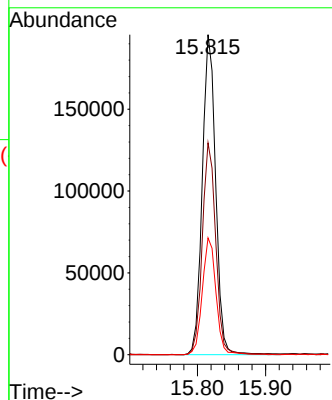
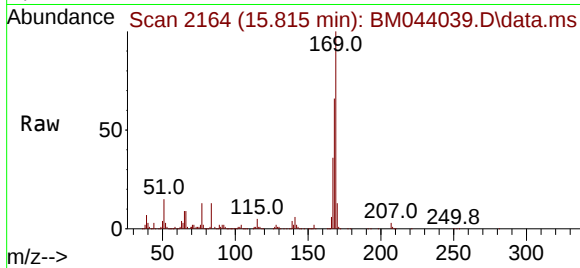




#66
n-Nitrosodiphenylamine
Concen: 3.779 ng
RT: 15.815 min Scan# 2164
Delta R.T. -0.006 min
Lab File: BM044039.D
Acq: 09 Feb 2024 14:53

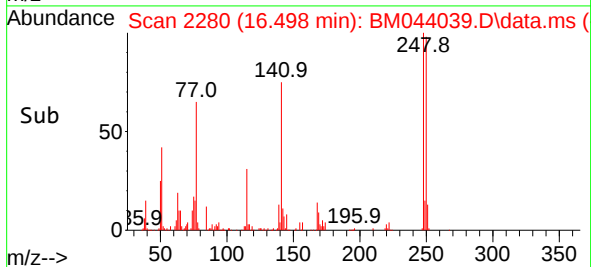
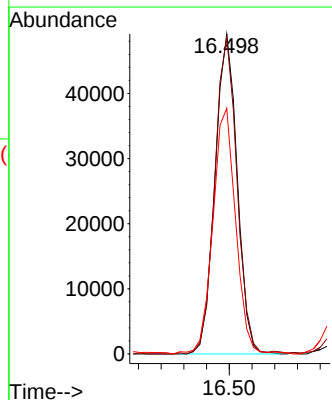
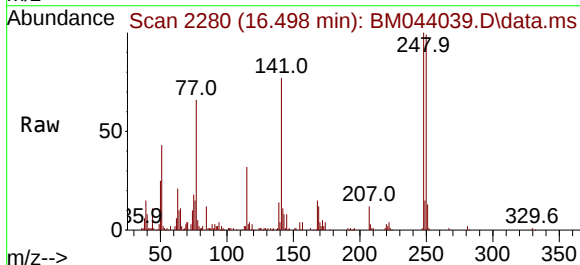
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

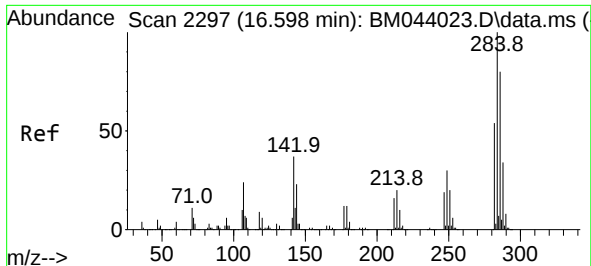
Tgt Ion:169 Resp: 266925
Ion Ratio Lower Upper
169 100
168 66.2 53.8 80.8
167 36.5 29.2 43.8



#67
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

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

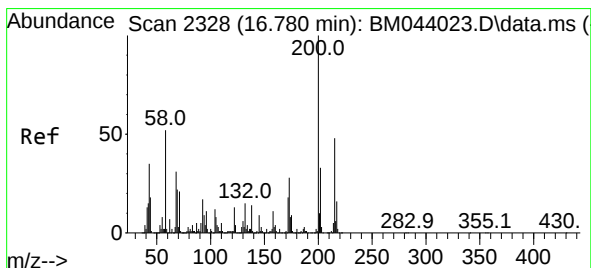
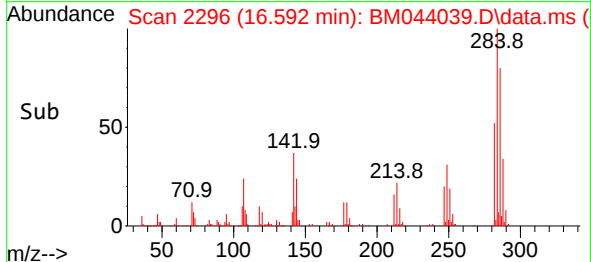
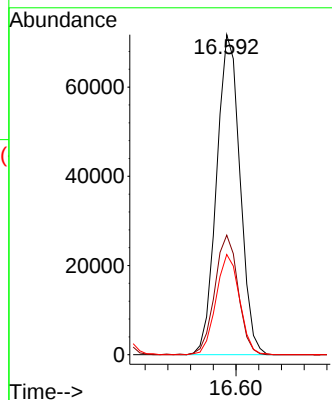
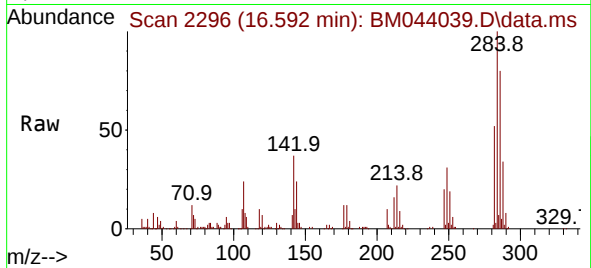




#68
Hexachlorobenzene
Concen: 3.649 ng
RT: 16.592 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM044039.D
Acq: 09 Feb 2024 14:53

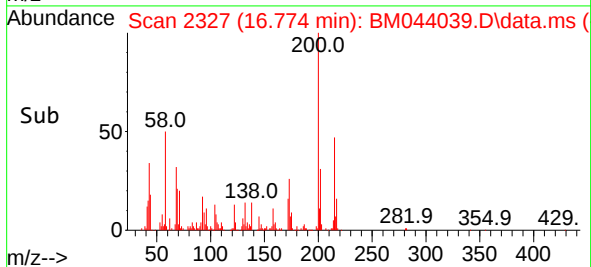
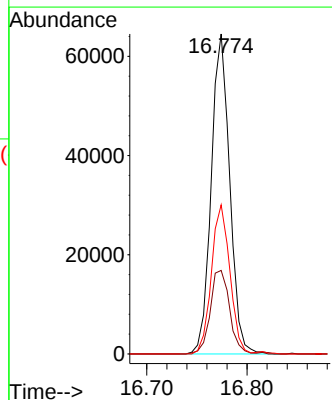
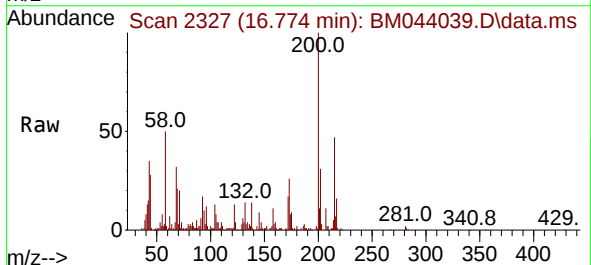
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

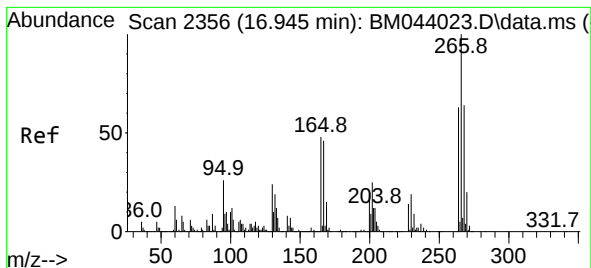
Tgt Ion:284 Resp: 102751
Ion Ratio Lower Upper
284 100
142 37.3 30.0 45.0
249 31.3 24.1 36.1



#69
Atrazine
Concen: 4.308 ng
RT: 16.774 min Scan# 2327
Delta R.T. -0.006 min
Lab File: BM044039.D
Acq: 09 Feb 2024 14:53

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





#70

Pentachlorophenol

Concen: 2.416 ng

RT: 16.945 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM044039.D

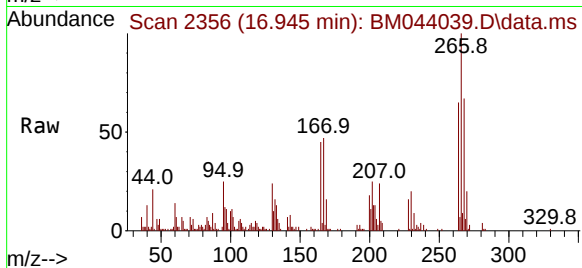
Acq: 09 Feb 2024 14:53

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023



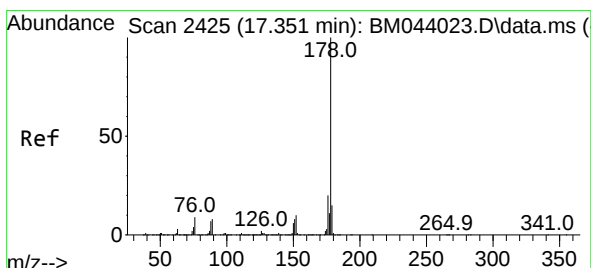
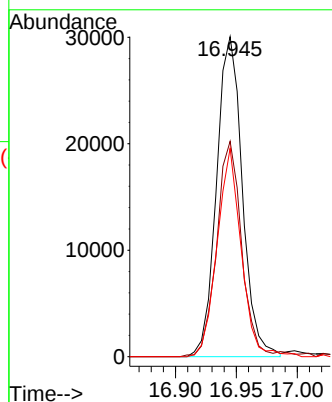
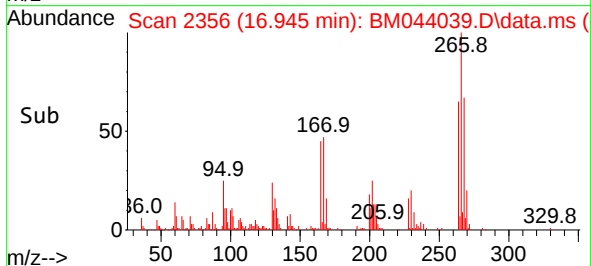
Tgt Ion:266 Resp: 44249

Ion Ratio Lower Upper

266 100

268 67.3 51.1 76.7

264 65.1 50.5 75.7



#71

Phenanthrene

Concen: 3.961 ng

RT: 17.345 min Scan# 2424

Delta R.T. -0.006 min

Lab File: BM044039.D

Acq: 09 Feb 2024 14:53

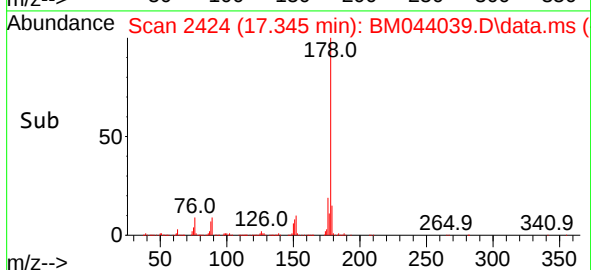
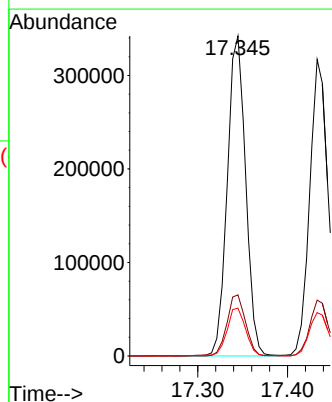
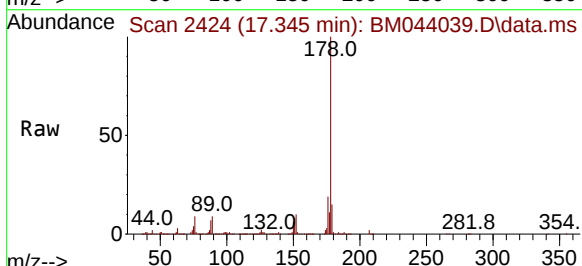
Tgt Ion:178 Resp: 486244

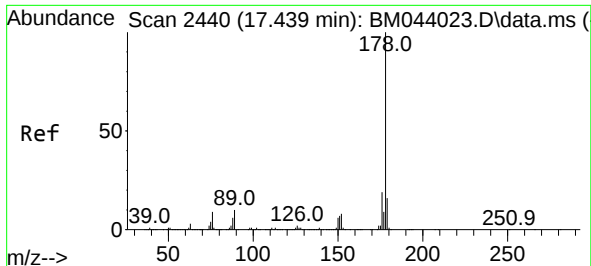
Ion Ratio Lower Upper

178 100

176 19.1 15.6 23.4

179 15.0 12.2 18.4

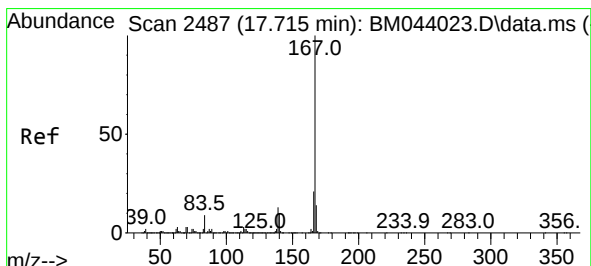
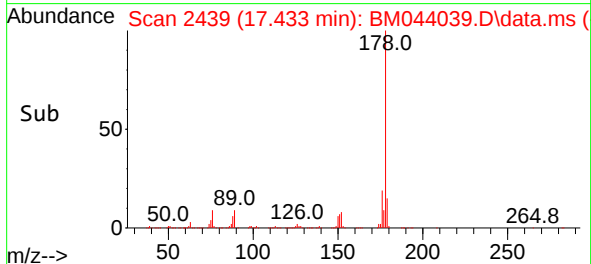
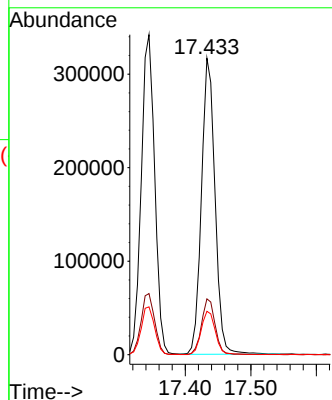
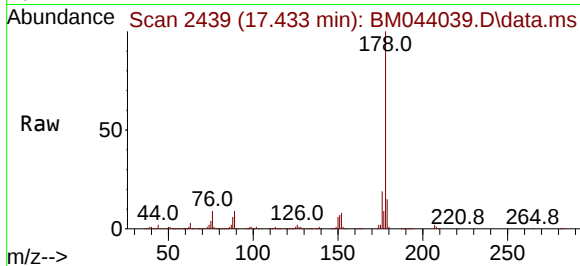




#72
 Anthracene
 Concen: 3.764 ng
 RT: 17.433 min Scan# 2440
 Delta R.T. -0.006 min
 Lab File: BM044039.D
 Acq: 09 Feb 2024 14:53

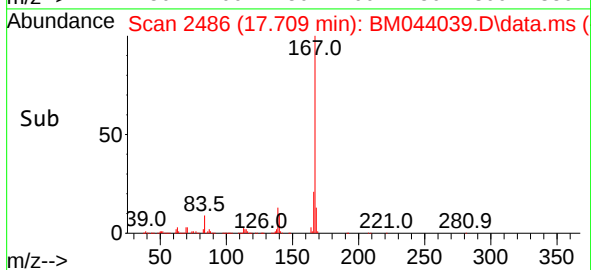
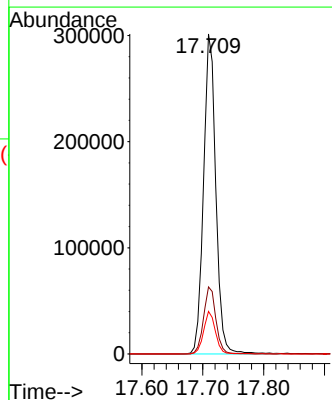
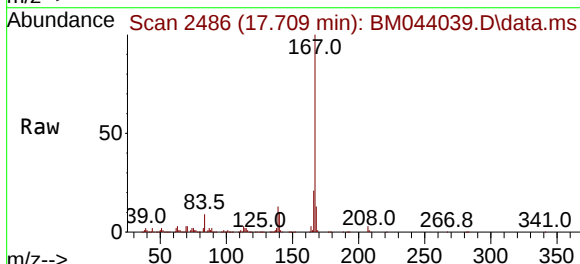
Instrument : BNA_M
 ClientSampleId : LOD-MDL-WATER-01-QT4-2023

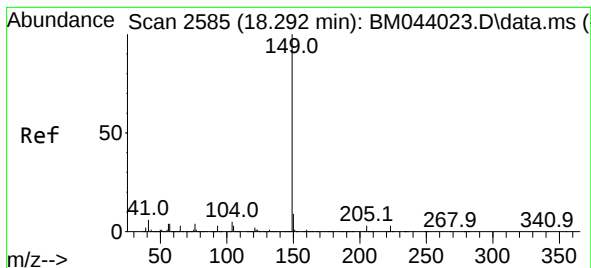
Tgt Ion:178 Resp: 457431
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.3 22.9
 179 14.6 12.4 18.6



#73
 Carbazole
 Concen: 3.565 ng
 RT: 17.709 min Scan# 2486
 Delta R.T. -0.006 min
 Lab File: BM044039.D
 Acq: 09 Feb 2024 14:53

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





#74

Di-n-butylphthalate

Concen: 3.191 ng

RT: 18.292 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

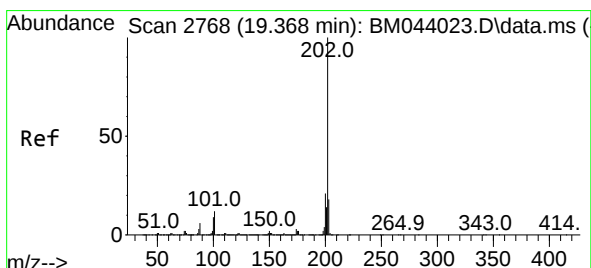
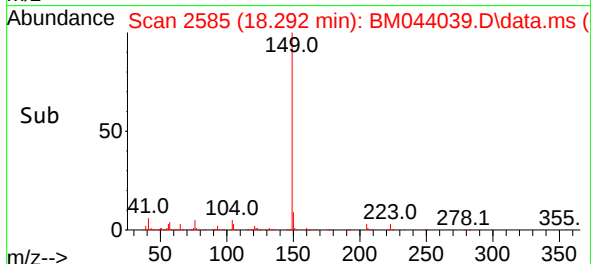
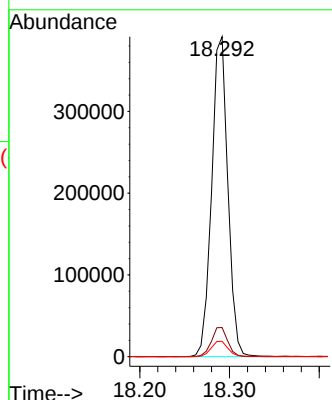
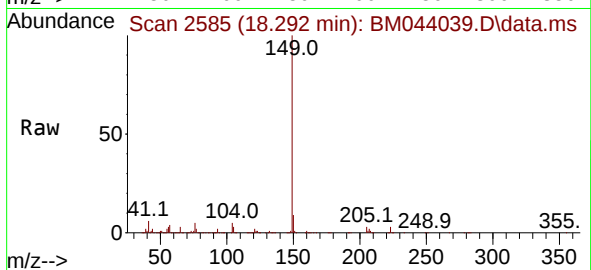
Tgt Ion:149 Resp: 490291

Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.2

104 4.8 3.8 5.6



#75

Fluoranthene

Concen: 3.591 ng

RT: 19.362 min Scan# 2767

Delta R.T. -0.006 min

Lab File: BM044039.D

Acq: 09 Feb 2024 14:53

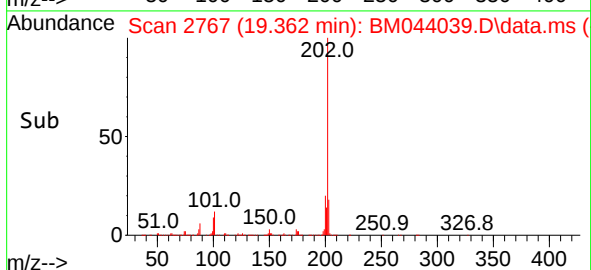
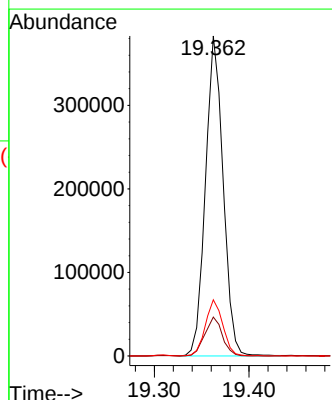
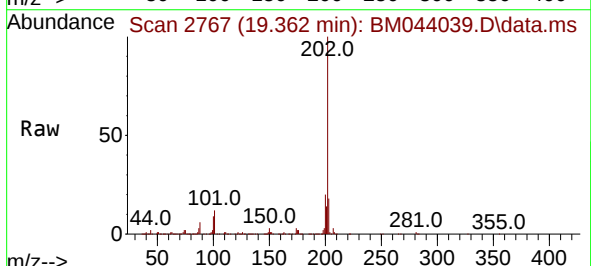
Tgt Ion:202 Resp: 495269

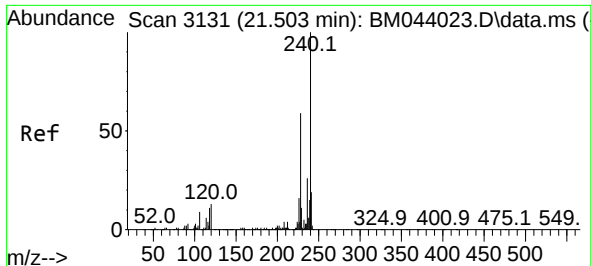
Ion Ratio Lower Upper

202 100

101 12.1 0.0 32.4

203 17.5 0.0 37.8

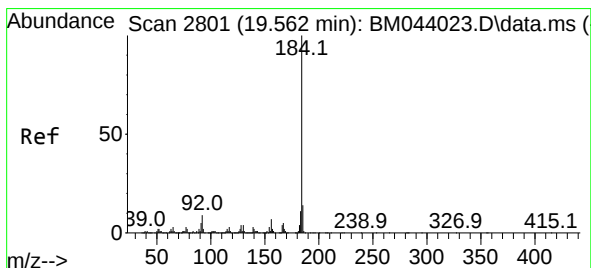
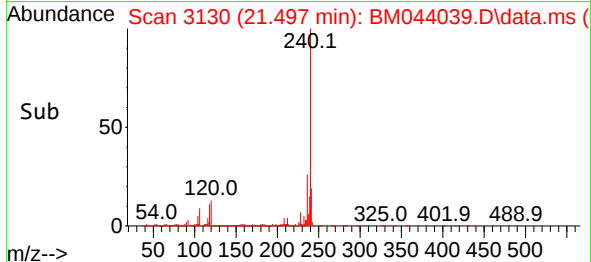
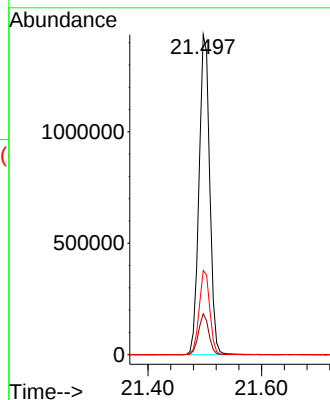
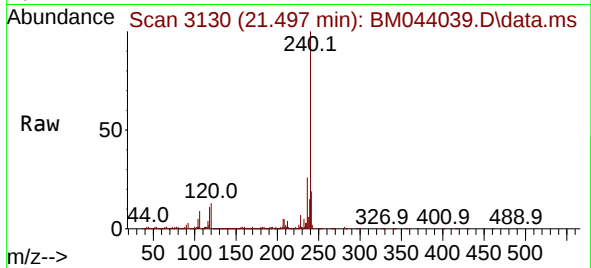




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.497 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM044039.D
Acq: 09 Feb 2024 14:53

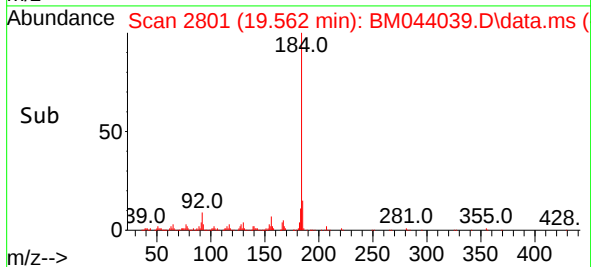
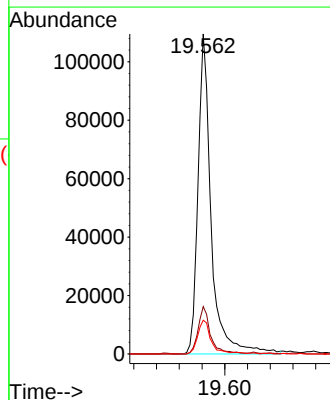
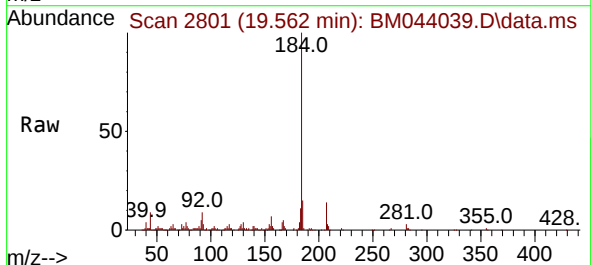
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

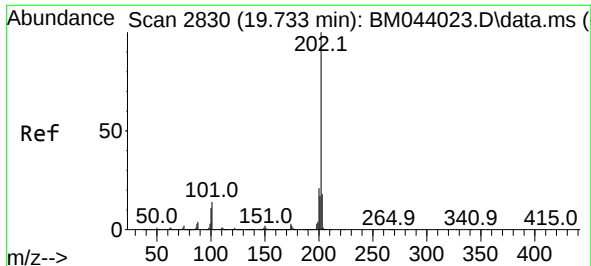
Tgt Ion:240 Resp: 1882087
Ion Ratio Lower Upper
240 100
120 12.8 10.1 15.1
236 26.3 20.6 31.0



#77
Benzidine
Concen: 6.031 ng
RT: 19.562 min Scan# 2801
Delta R.T. 0.000 min
Lab File: BM044039.D
Acq: 09 Feb 2024 14:53

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

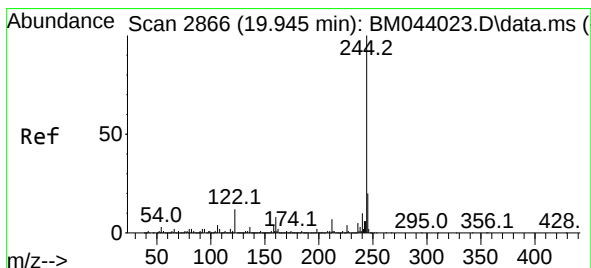
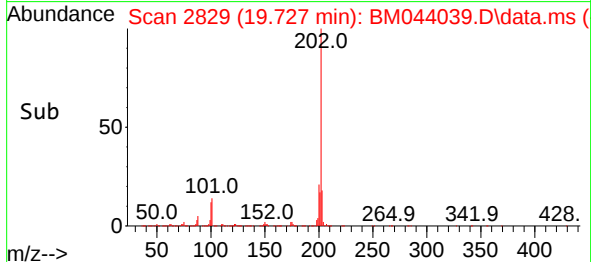
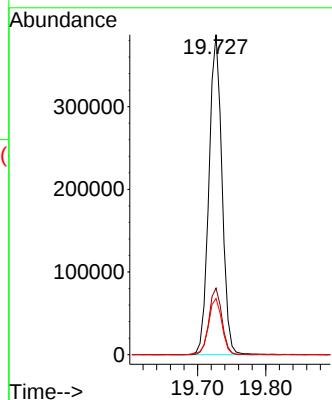
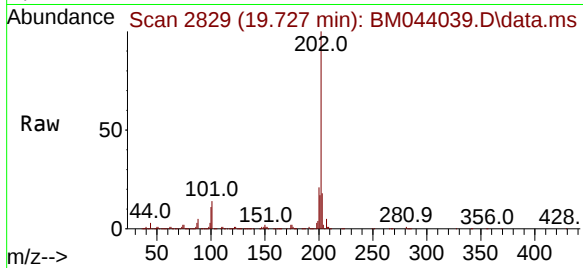




#78
 Pyrene
 Concen: 3.557 ng
 RT: 19.727 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM044039.D
 Acq: 09 Feb 2024 14:53

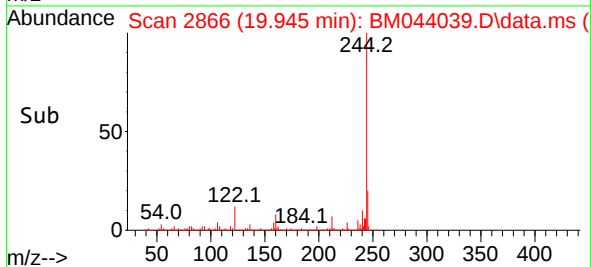
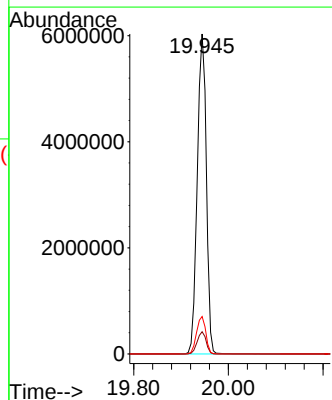
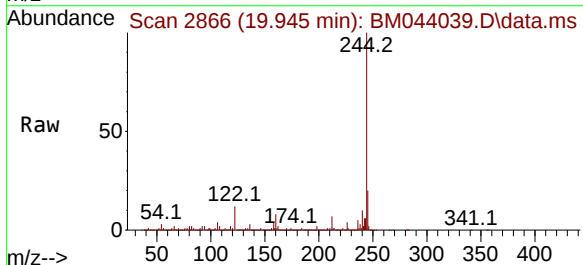
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2023

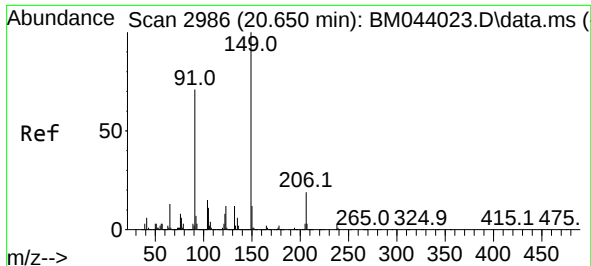
Tgt Ion:202 Resp: 515646
 Ion Ratio Lower Upper
 202 100
 200 20.8 16.8 25.2
 203 17.6 14.0 21.0



#79
 Terphenyl-d14
 Concen: 74.710 ng
 RT: 19.945 min Scan# 2866
 Delta R.T. 0.000 min
 Lab File: BM044039.D
 Acq: 09 Feb 2024 14:53

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

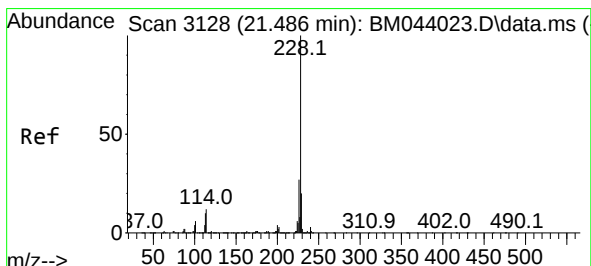
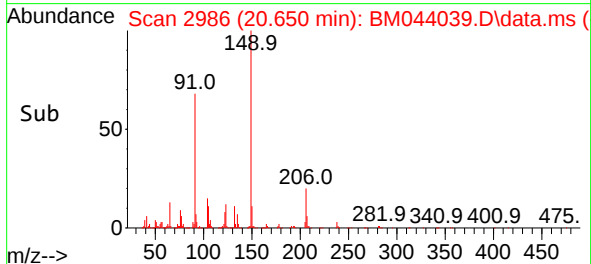
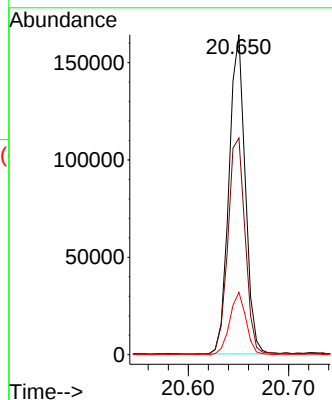
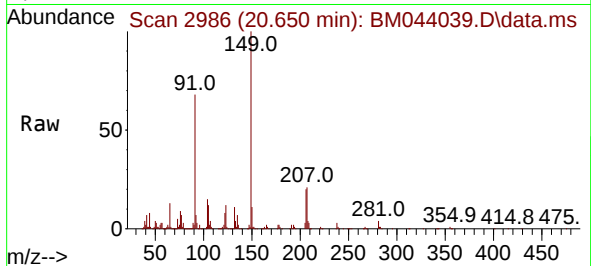




#80
Butylbenzylphthalate
Concen: 2.857 ng
RT: 20.650 min Scan# 2986
Delta R.T. 0.000 min
Lab File: BM044039.D
Acq: 09 Feb 2024 14:53

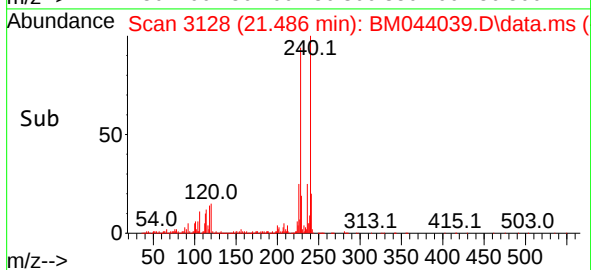
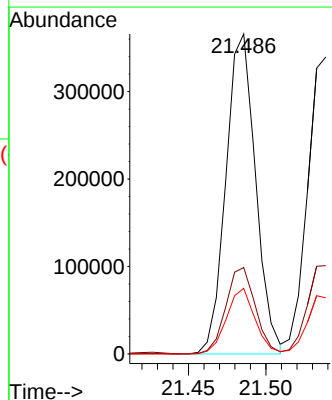
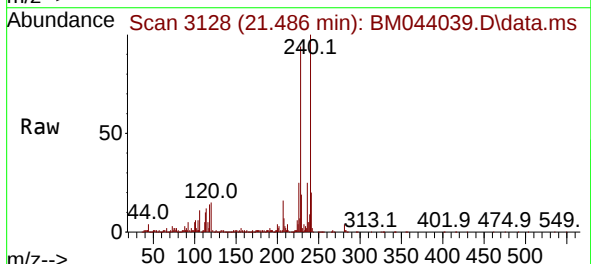
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

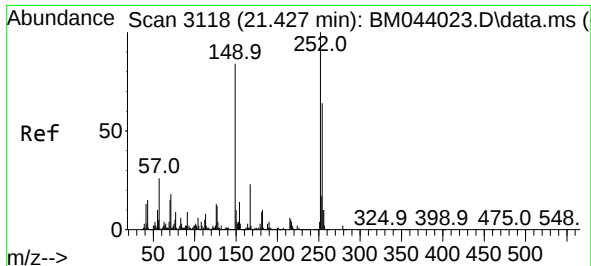
Tgt Ion:149 Resp: 184071
Ion Ratio Lower Upper
149 100
91 67.7 56.8 85.2
206 19.5 15.0 22.6



#81
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

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

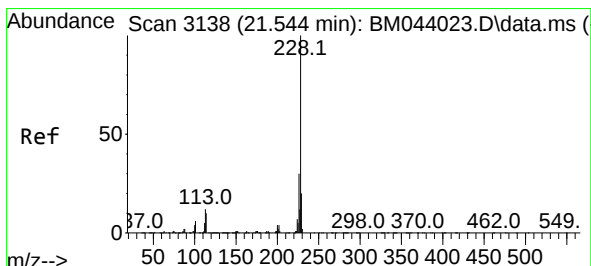
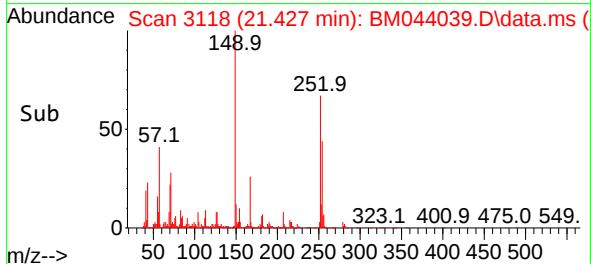
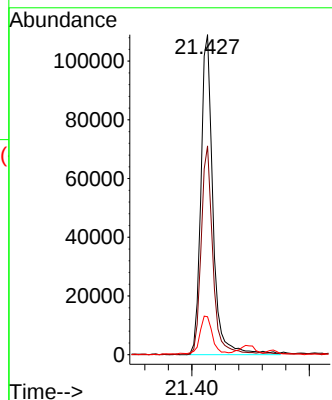
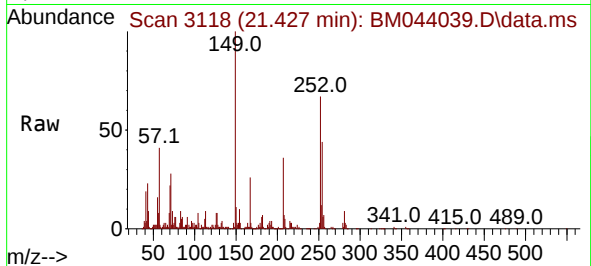




#82
 3,3'-Dichlorobenzidine
 Concen: 3.618 ng
 RT: 21.427 min Scan# 3118
 Delta R.T. 0.000 min
 Lab File: BM044039.D
 Acq: 09 Feb 2024 14:53

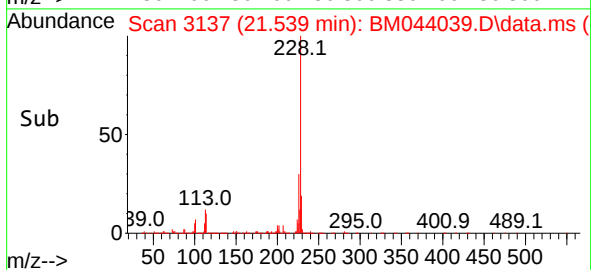
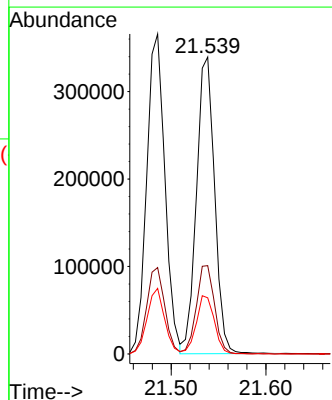
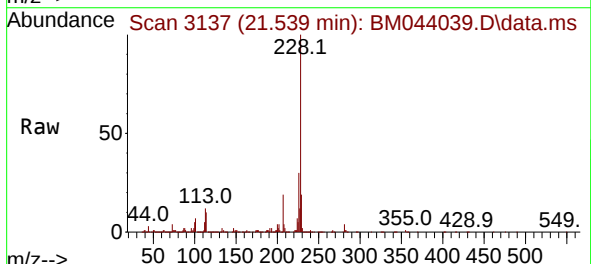
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2023

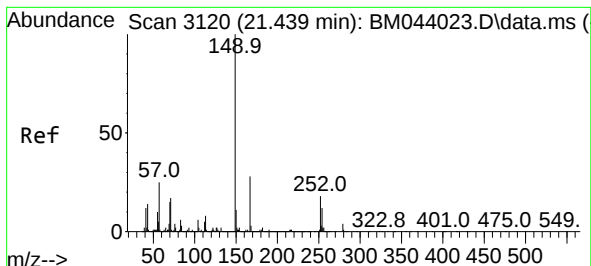
Tgt Ion:252 Resp: 155395
 Ion Ratio Lower Upper
 252 100
 254 65.2 51.2 76.8
 126 11.9 10.2 15.4



#83
 Chrysene
 Concen: 3.651 ng
 RT: 21.539 min Scan# 3137
 Delta R.T. -0.006 min
 Lab File: BM044039.D
 Acq: 09 Feb 2024 14:53

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





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.220 ng

RT: 21.433 min Scan# 31

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

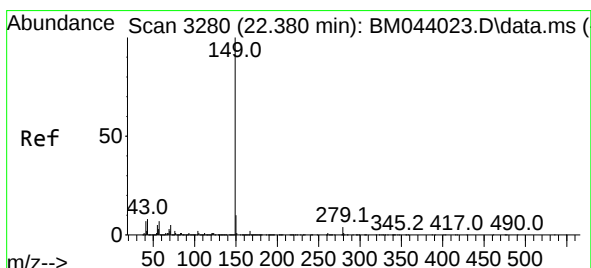
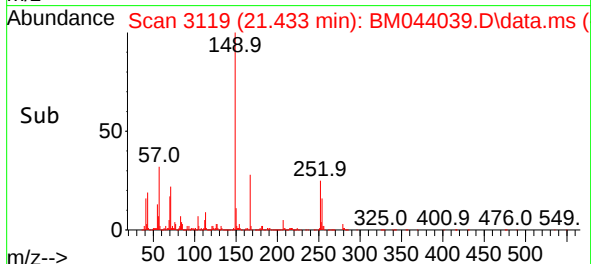
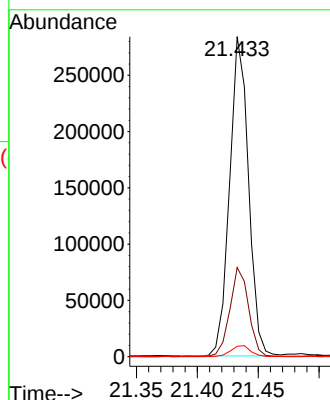
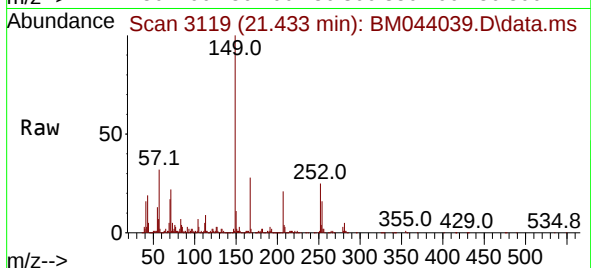
Tgt Ion:149 Resp: 306132

Ion Ratio Lower Upper

149 100

167 27.9 22.6 33.8

279 3.3 3.1 4.7



#85

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

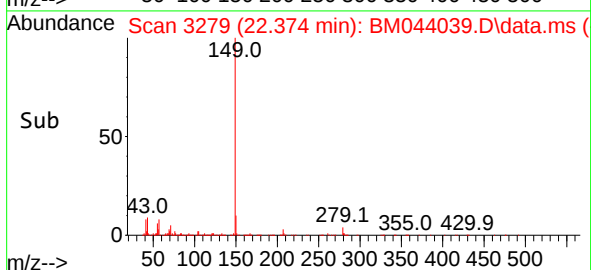
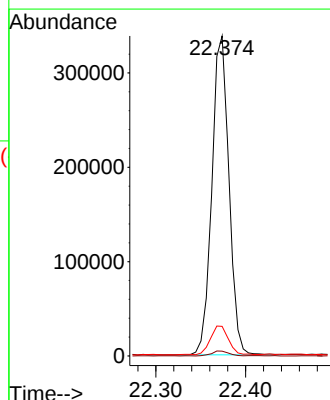
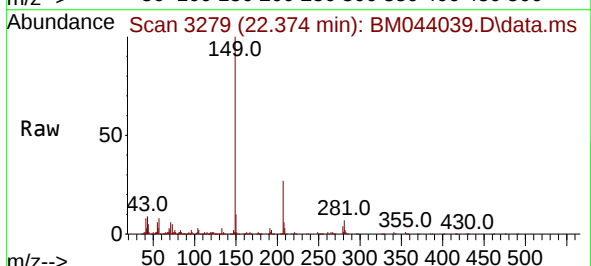
Tgt Ion:149 Resp: 446859

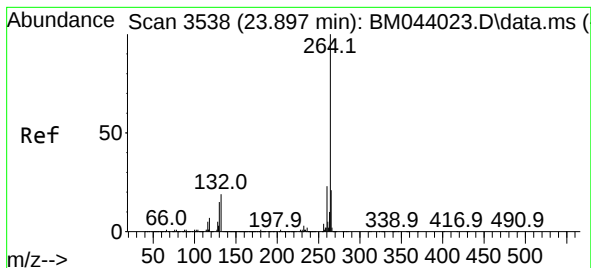
Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 9.6 7.0 10.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.891 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

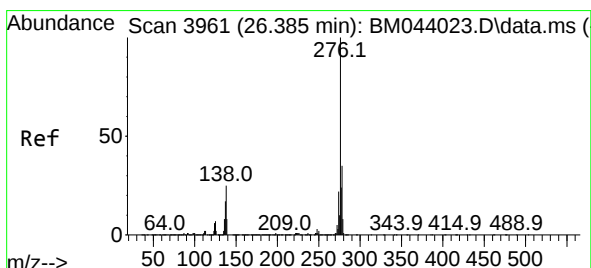
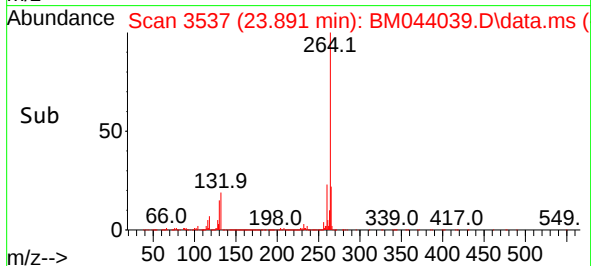
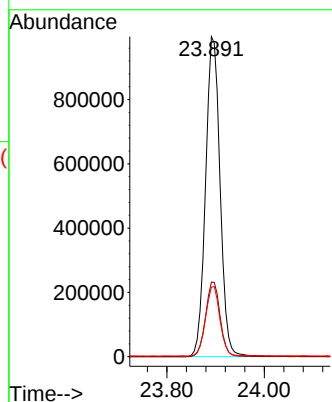
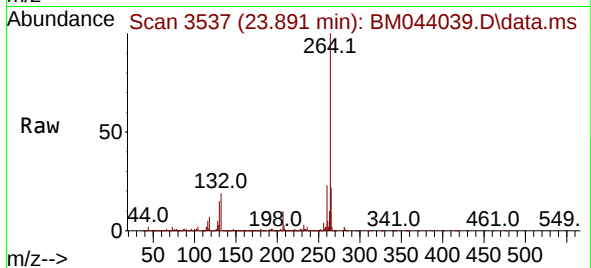
Tgt Ion:264 Resp: 2056685

Ion Ratio Lower Upper

264 100

260 23.3 18.8 28.2

265 21.8 17.3 25.9



#87

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

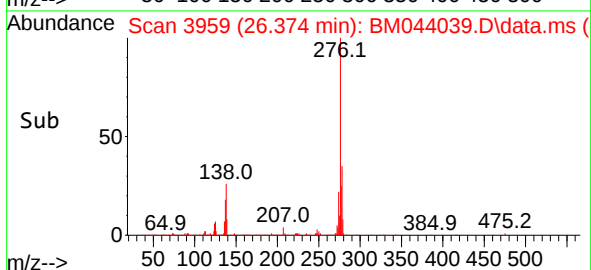
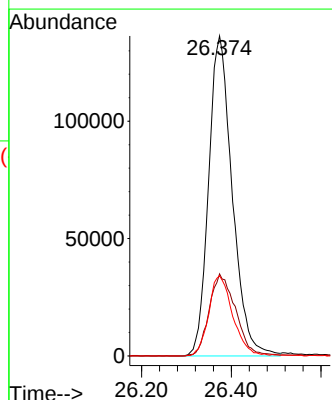
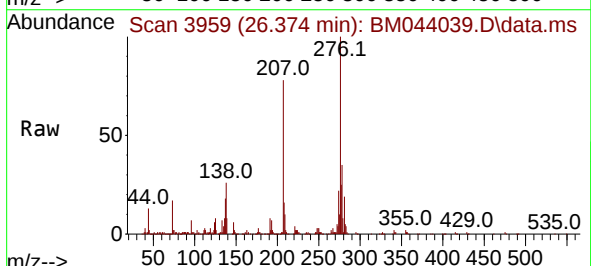
Tgt Ion:276 Resp: 499733

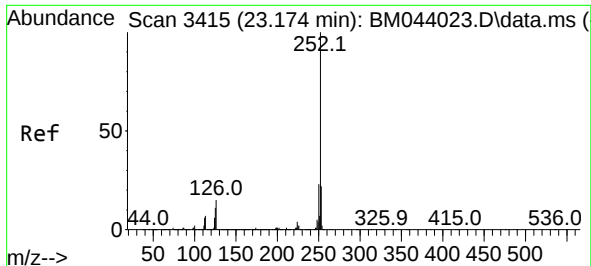
Ion Ratio Lower Upper

276 100

138 28.7 22.6 34.0

277 25.5 20.2 30.2

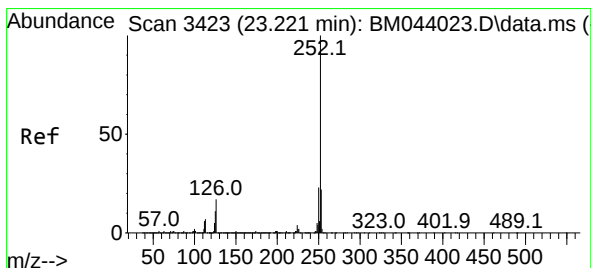
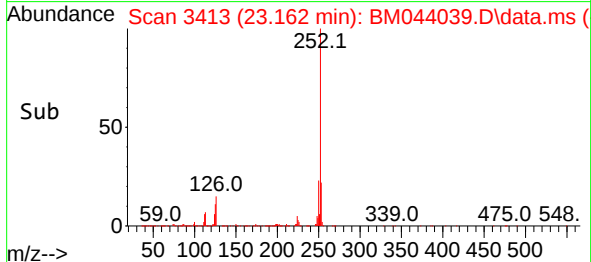
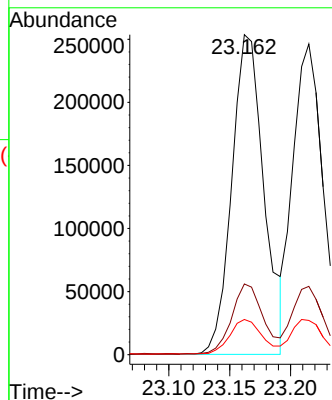
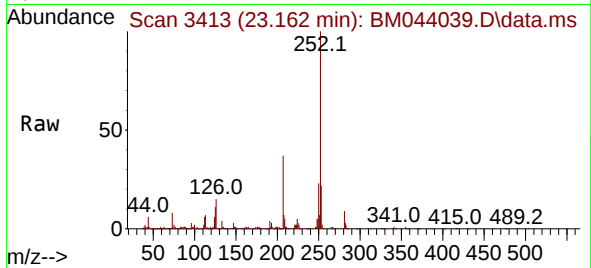




#88
Benzo(b)fluoranthene
Concen: 3.623 ng
RT: 23.162 min Scan# 3415
Delta R.T. -0.012 min
Lab File: BM044039.D
Acq: 09 Feb 2024 14:53

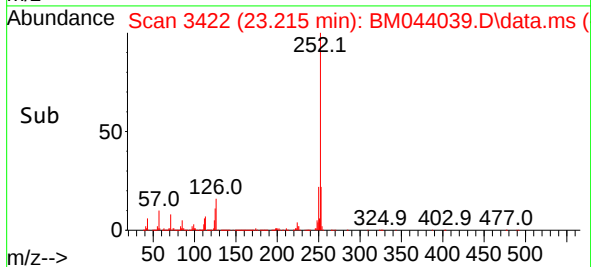
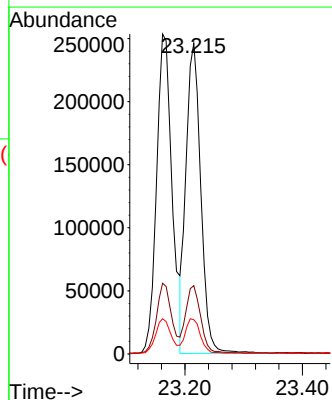
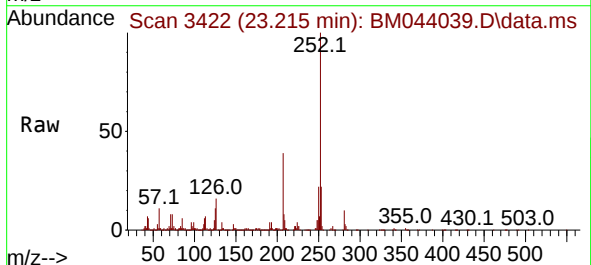
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

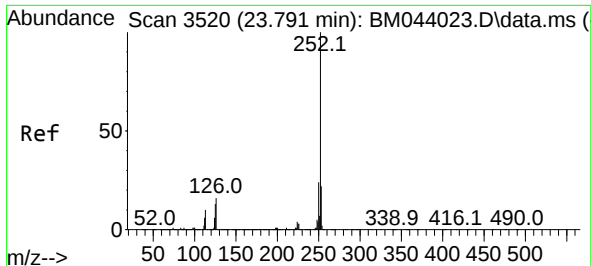
Tgt Ion:252 Resp: 465738
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 11.0 8.8 13.2



#89
Benzo(k)fluoranthene
Concen: 3.513 ng
RT: 23.215 min Scan# 3422
Delta R.T. -0.006 min
Lab File: BM044039.D
Acq: 09 Feb 2024 14:53

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

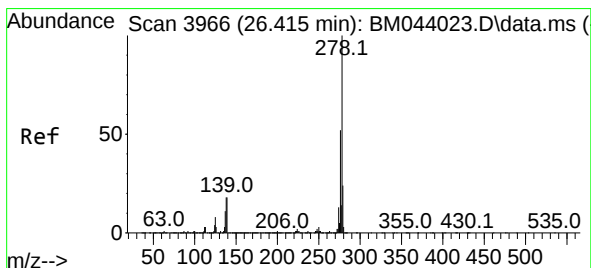
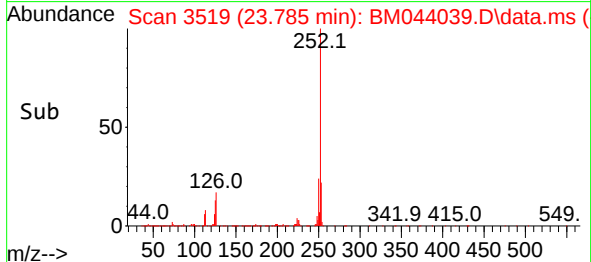
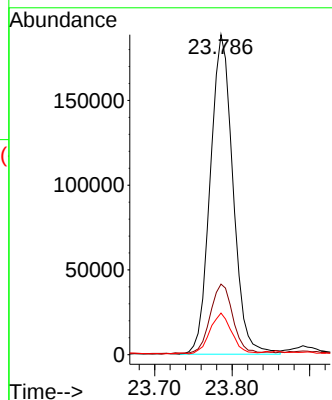
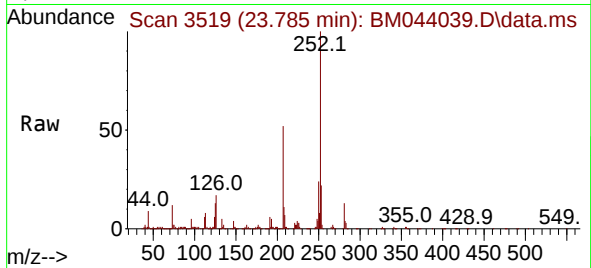




#90
Benzo(a)pyrene
Concen: 3.428 ng
RT: 23.785 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM044039.D
Acq: 09 Feb 2024 14:53

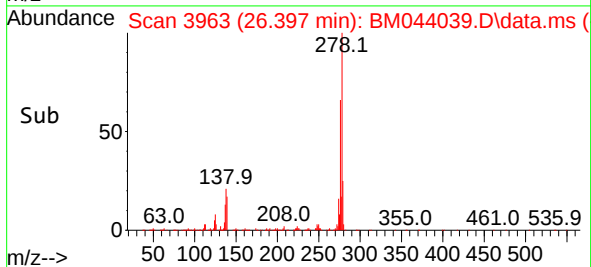
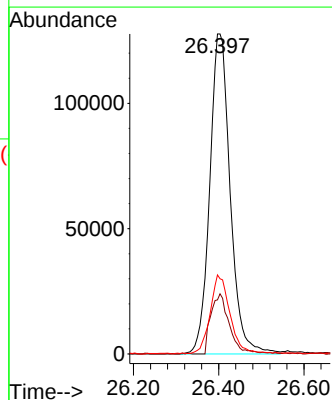
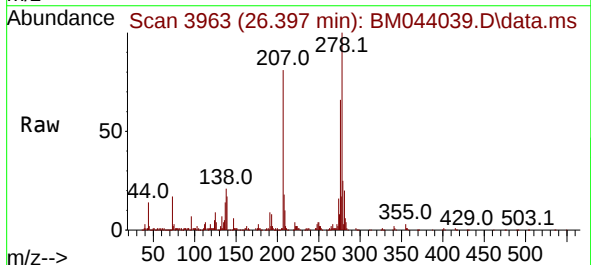
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

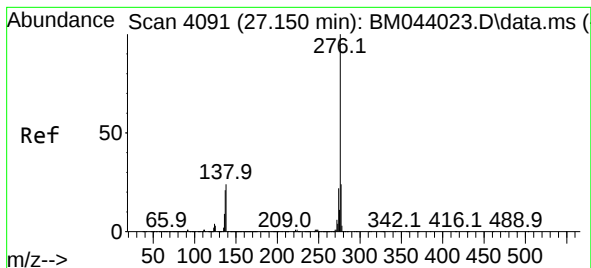
Tgt Ion:252 Resp: 384921
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 13.0 10.1 15.1



#91
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

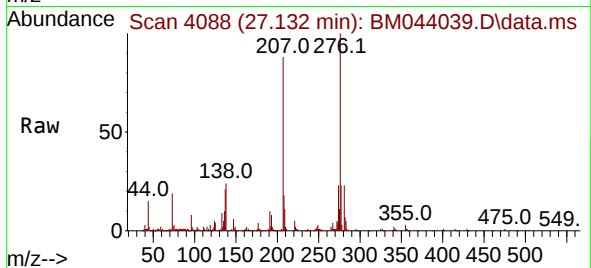
Tgt Ion:278 Resp: 426355
Ion Ratio Lower Upper
278 100
139 16.9 14.5 21.7
279 24.7 18.9 28.3





#92
 Benzo(g,h,i)perylene
 Concen: 3.319 ng
 RT: 27.132 min Scan# 4091
 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: 276 Resp: 409829
 Ion Ratio Lower Upper
 276 100
 277 23.2 19.0 28.4
 138 23.6 19.1 28.7

