

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012323\
 Data File : BM038514.D
 Acq On : 23 Jan 2023 18:26
 Operator : CG/JU
 Sample : N4955-07
 Misc : LOD-MDL-WATER 4ppm
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2022

Quant Time: Jan 24 05:15:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 21 01:21:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	49895	20.000	ng	0.00
21) Naphthalene-d8	10.775	136	160875	20.000	ng	0.00
39) Acenaphthene-d10	14.604	164	97869	20.000	ng	0.00
64) Phenanthrene-d10	17.339	188	225669	20.000	ng	# 0.00
76) Chrysene-d12	21.515	240	242505	20.000	ng	0.00
86) Perylene-d12	23.927	264	314467	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	373257	123.668	ng	0.00
7) Phenol-d6	7.128	99	465744	120.945	ng	0.00
23) Nitrobenzene-d5	9.140	82	301473	81.377	ng	0.00
42) 2,4,6-Tribromophenol	16.086	330	198414	140.785	ng	0.00
45) 2-Fluorobiphenyl	13.228	172	670043	84.334	ng	0.00
79) Terphenyl-d14	19.957	244	1047582	84.216	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.375	88	6392	4.515	ng	91
3) Pyridine	3.822	79	8675	2.333	ng	# 82
4) n-Nitrosodimethylamine	3.716	42	5694	3.226	ng	# 89
6) Aniline	7.299	93	16873	3.530	ng	98
8) 2-Chlorophenol	7.528	128	12297	3.988	ng	94
9) Benzaldehyde	7.110	77	13192	5.775	ng	# 87
10) Phenol	7.157	94	15465	4.019	ng	90
11) bis(2-Chloroethyl)ether	7.393	93	11489	3.784	ng	95
12) 1,3-Dichlorobenzene	7.851	146	13895	3.964	ng	99
13) 1,4-Dichlorobenzene	8.004	146	13965	3.943	ng	96
14) 1,2-Dichlorobenzene	8.316	146	13647	3.978	ng	96
15) Benzyl Alcohol	8.216	79	9838	3.417	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.493	45	11924	3.740	ng	96
17) 2-Methylphenol	8.416	107	8660	3.180	ng	91
18) Hexachloroethane	9.040	117	5271	4.003	ng	# 69
19) n-Nitroso-di-n-propyla...	8.775	70	8848	3.206	ng	# 94
20) 3+4-Methylphenols	8.745	107	11053	3.028	ng	91
22) Acetophenone	8.798	105	16713	3.771	ng	# 92
24) Nitrobenzene	9.181	77	15270	4.074	ng	91
25) Isophorone	9.704	82	21361	3.494	ng	# 94
26) 2-Nitrophenol	9.898	139	4971	3.341	ng	# 91
27) 2,4-Dimethylphenol	9.951	122	8418	3.400	ng	# 89
28) bis(2-Chloroethoxy)met...	10.192	93	12705	3.552	ng	# 97
29) 2,4-Dichlorophenol	10.428	162	9865	3.396	ng	92
30) 1,2,4-Trichlorobenzene	10.639	180	12893	3.881	ng	95
31) Naphthalene	10.828	128	30832	3.528	ng	99
32) Benzoic acid	10.051	122	1847	6.431	ng	# 70
33) 4-Chloroaniline	10.951	127	10873	2.981	ng	99
34) Hexachlorobutadiene	11.098	225	9106	4.167	ng	96
35) Caprolactam	11.734	113	1482	2.104	ng	91
36) 4-Chloro-3-methylphenol	12.069	107	8605	3.257	ng	91
37) 2-Methylnaphthalene	12.433	142	19927	3.173	ng	# 95
38) 1-Methylnaphthalene	12.651	142	19787	3.340	ng	90
40) 1,2,4,5-Tetrachloroben...	12.798	216	14290	3.882	ng	95
41) Hexachlorocyclopentadiene	12.769	237	7309	3.612	ng	92
43) 2,4,6-Trichlorophenol	13.039	196	8097	3.436	ng	91

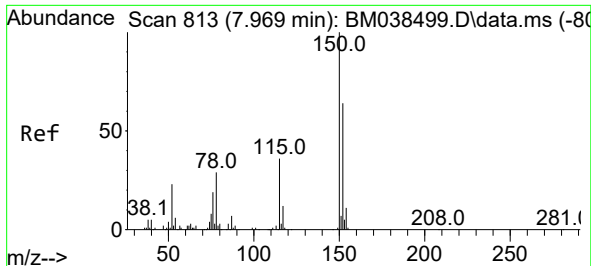
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 21 01:21:49 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.116	196	8973	3.251	ng	# 90
46) 1,1'-Biphenyl	13.439	154	29664	3.785	ng	97
47) 2-Chloronaphthalene	13.480	162	23645	3.864	ng	99
48) 2-Nitroaniline	13.692	65	5101	2.839	ng	93
49) Acenaphthylene	14.327	152	31900	3.332	ng	98
50) Dimethylphthalate	14.057	163	27464	3.645	ng	# 98
51) 2,6-Dinitrotoluene	14.186	165	4648	2.932	ng	# 75
52) Acenaphthene	14.663	154	20437	3.501	ng	96
53) 3-Nitroaniline	14.522	138	3702	2.350	ng	# 79
54) 2,4-Dinitrophenol	14.733	184	2347	6.645	ng	# 90
55) Dibenzofuran	14.998	168	35565	3.644	ng	94
56) 4-Nitrophenol	14.833	139	2670	2.058	ng	# 80
57) 2,4-Dinitrotoluene	14.975	165	5862	2.728	ng	# 92
58) Fluorene	15.645	166	26028	3.288	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.227	232	7543	3.343	ng	# 98
60) Diethylphthalate	15.410	149	25377	3.440	ng	98
61) 4-Chlorophenyl-phenyle...	15.639	204	15170	3.651	ng	97
62) 4-Nitroaniline	15.680	138	3365	5.127	ng	86
63) Azobenzene	15.927	77	24690	3.159	ng	93
65) 4,6-Dinitro-2-methylph...	15.733	198	3645	2.488	ng	92
66) n-Nitrosodiphenylamine	15.851	169	22818	3.368	ng	92
67) 4-Bromophenyl-phenylether	16.533	248	8490	3.392	ng	97
68) Hexachlorobenzene	16.645	284	10779	3.991	ng	99
69) Atrazine	16.798	200	7743	3.426	ng	93
70) Pentachlorophenol	16.992	266	5229	2.719	ng	96
71) Phenanthrene	17.386	178	44356	3.520	ng	96
72) Anthracene	17.474	178	41758	3.256	ng	95
73) Carbazole	17.751	167	35505	3.144	ng	97
74) Di-n-butylphthalate	18.298	149	35783	2.884	ng	99
75) Fluoranthene	19.398	202	48786	3.221	ng	99
77) Benzidine	19.586	184	19105	3.457	ng	97
78) Pyrene	19.757	202	53920	3.193	ng	96
80) Butylbenzylphthalate	20.645	149	16221	2.778	ng	97
81) Benzo(a)anthracene	21.498	228	61697	3.590	ng	99
82) 3,3'-Dichlorobenzidine	21.433	252	21879	3.964	ng	93
83) Chrysene	21.551	228	61319	3.649	ng	98
84) Bis(2-ethylhexyl)phtha...	21.415	149	22136	2.616	ng	97
85) Di-n-octyl phthalate	22.339	149	41307	2.745	ng	96
87) Indeno(1,2,3-cd)pyrene	26.444	276	81272	3.493	ng	97
88) Benzo(b)fluoranthene	23.192	252	68038	3.587	ng	97
89) Benzo(k)fluoranthene	23.239	252	65632	3.344	ng	98
90) Benzo(a)pyrene	23.821	252	58662	3.119	ng	98
91) Dibenzo(a,h)anthracene	26.450	278	70517	3.641	ng	98
92) Benzo(g,h,i)perylene	27.215	276	73738	3.717	ng	99

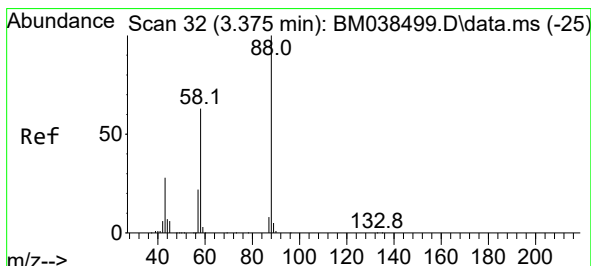
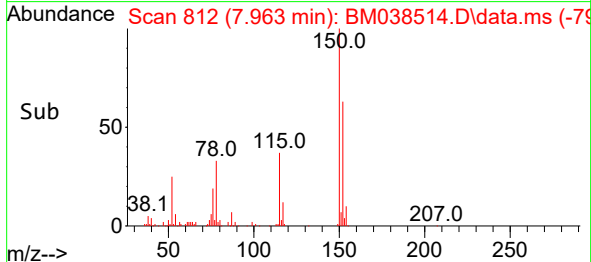
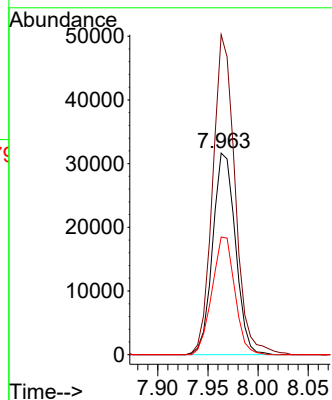
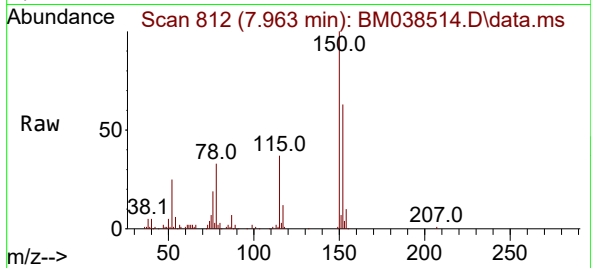
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

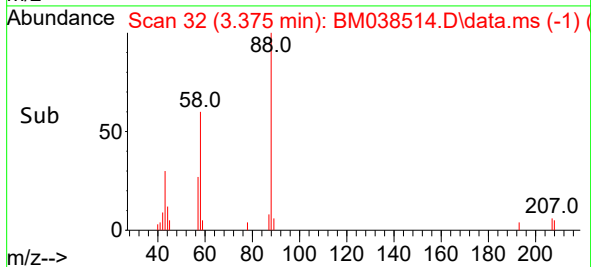
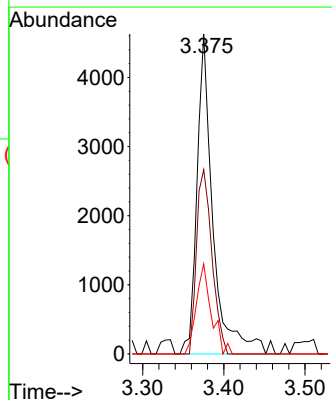
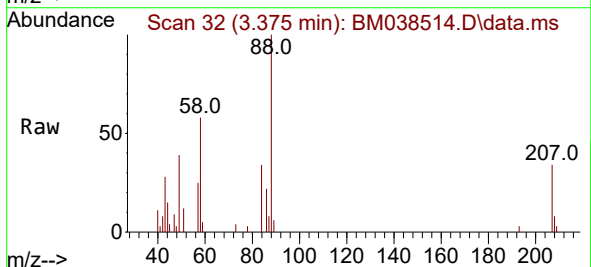
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

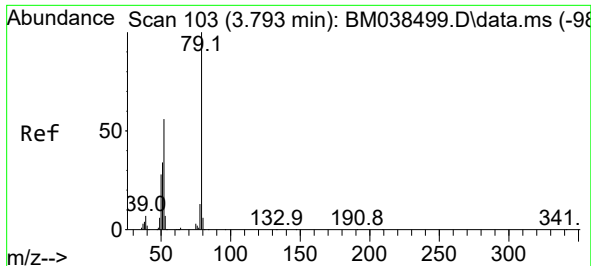
Tgt Ion:152 Resp: 49895
Ion Ratio Lower Upper
152 100
150 158.7 124.2 186.4
115 58.3 44.8 67.2



#2
1,4-Dioxane
Concen: 4.515 ng
RT: 3.375 min Scan# 32
Delta R.T. 0.000 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

Tgt Ion: 88 Resp: 6392
Ion Ratio Lower Upper
88 100
58 55.1 50.5 75.7
43 26.3 23.9 35.9

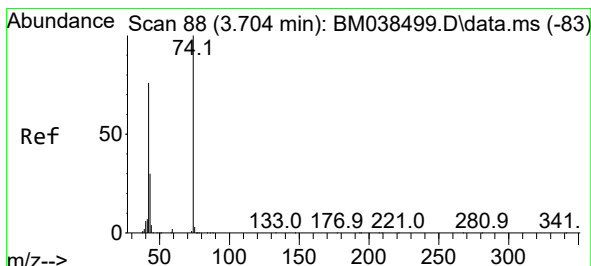
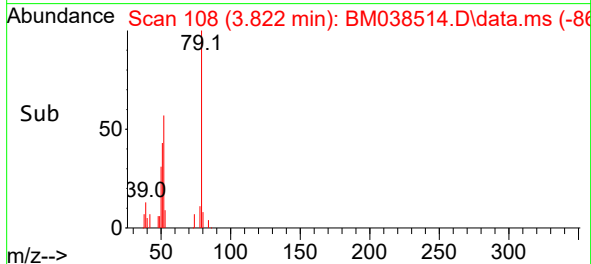
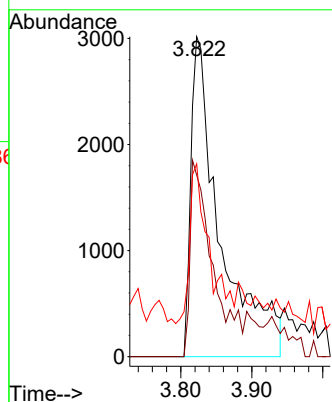
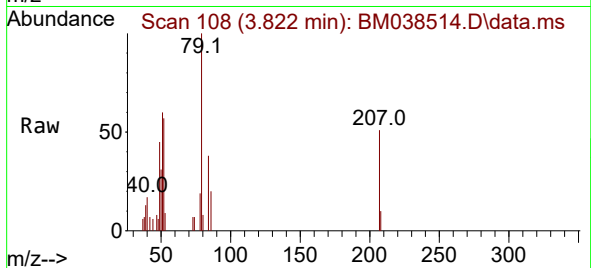




#3
Pyridine
Concen: 2.333 ng
RT: 3.822 min Scan# 10
Delta R.T. 0.030 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

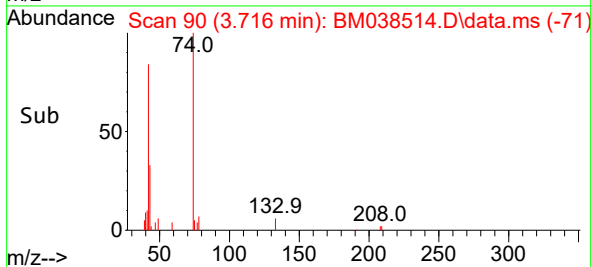
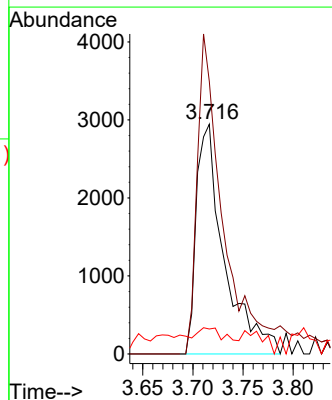
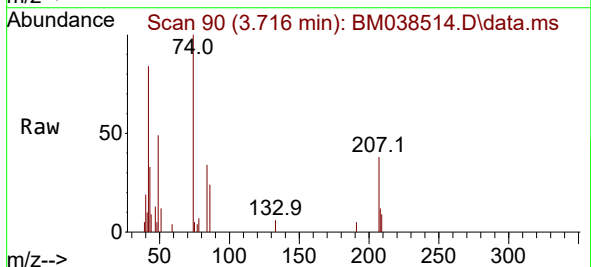
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

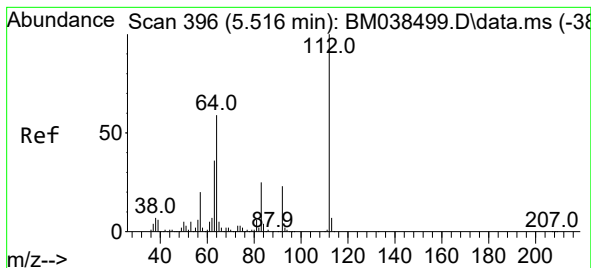
Tgt Ion: 79 Resp: 8675
Ion Ratio Lower Upper
79 100
52 56.7 45.0 67.4
51 60.2 27.1 40.7#



#4
n-Nitrosodimethylamine
Concen: 3.226 ng
RT: 3.716 min Scan# 90
Delta R.T. 0.012 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

Tgt Ion: 42 Resp: 5694
Ion Ratio Lower Upper
42 100
74 118.6 105.0 157.4
44 10.9 4.1 6.1#

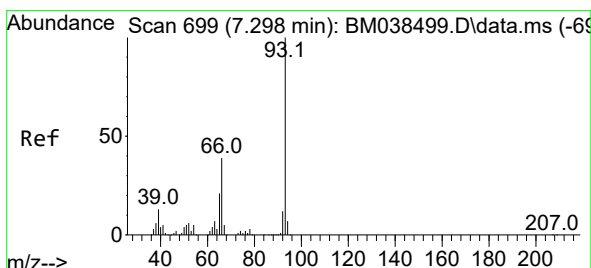
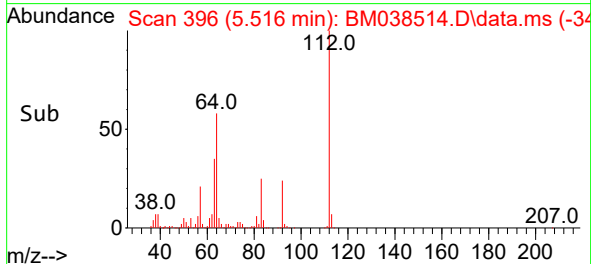
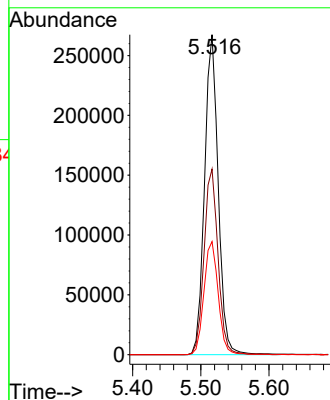
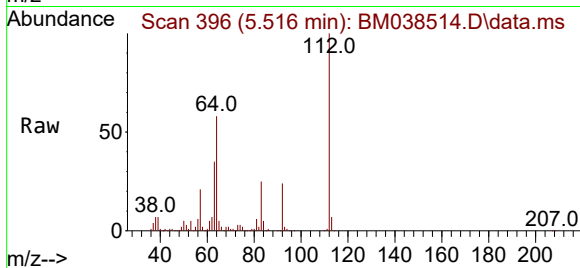




#5
2-Fluorophenol
Concen: 123.668 ng
RT: 5.516 min Scan# 396
Delta R.T. 0.000 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

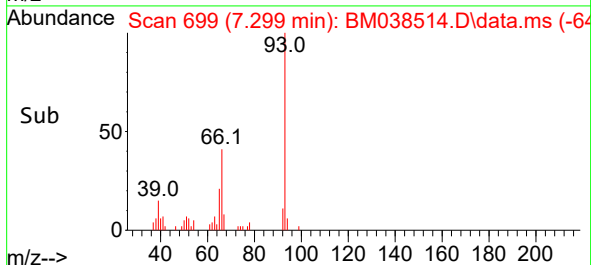
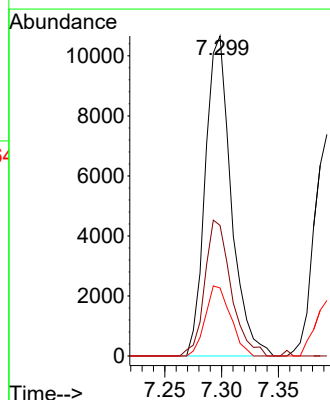
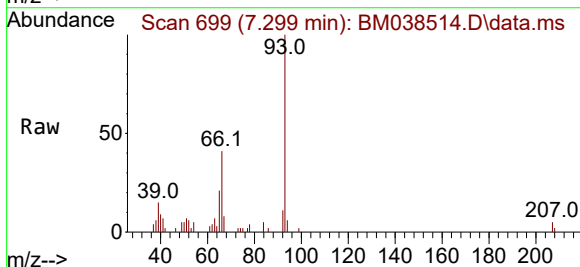
Instrument :
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ClientSampleId :
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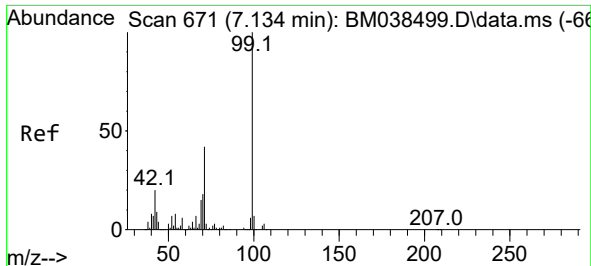
Tgt Ion:112 Resp: 373257
Ion Ratio Lower Upper
112 100
64 58.0 47.3 70.9
63 35.4 28.8 43.2



#6
Aniline
Concen: 3.530 ng
RT: 7.299 min Scan# 699
Delta R.T. 0.000 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

Tgt Ion: 93 Resp: 16873
Ion Ratio Lower Upper
93 100
66 40.8 31.6 47.4
65 21.2 16.6 24.8

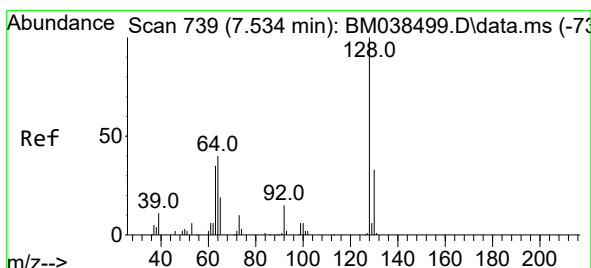
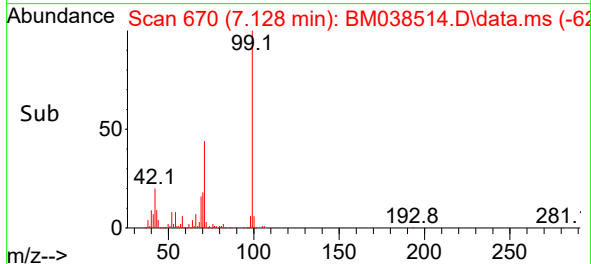
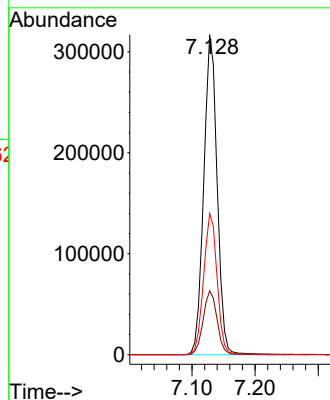
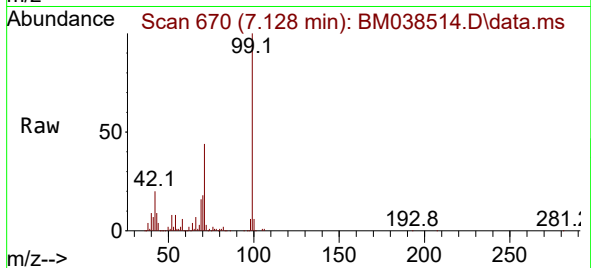




#7
Phenol-d6
Concen: 120.945 ng
RT: 7.128 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

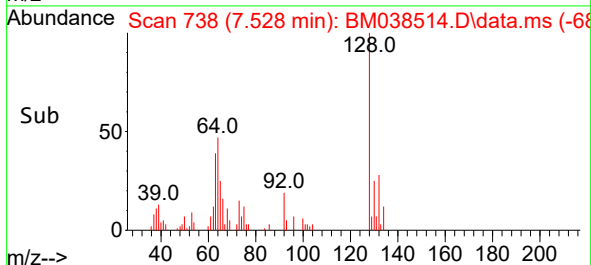
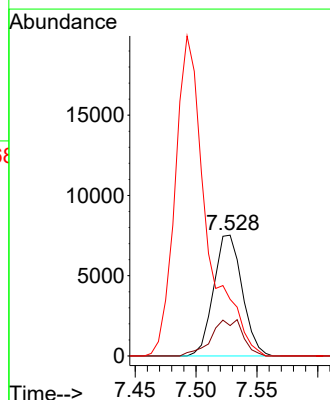
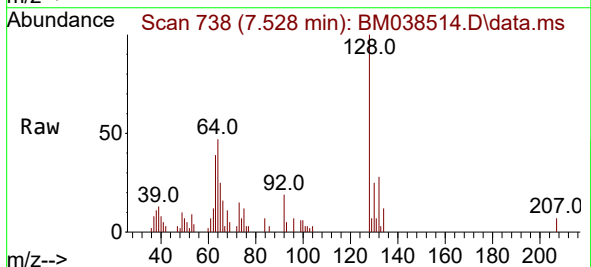
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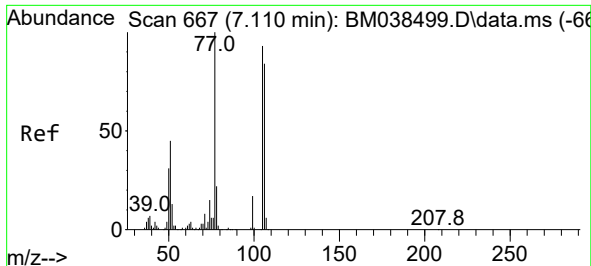
Tgt Ion: 99 Resp: 465744
Ion Ratio Lower Upper
99 100
42 20.0 16.0 24.0
71 44.1 33.8 50.6



#8
2-Chlorophenol
Concen: 3.988 ng
RT: 7.528 min Scan# 738
Delta R.T. -0.006 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

Tgt Ion: 128 Resp: 12297
Ion Ratio Lower Upper
128 100
130 25.2 13.2 53.2
64 46.9 27.7 67.7

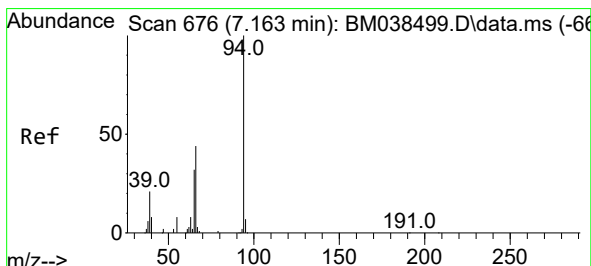
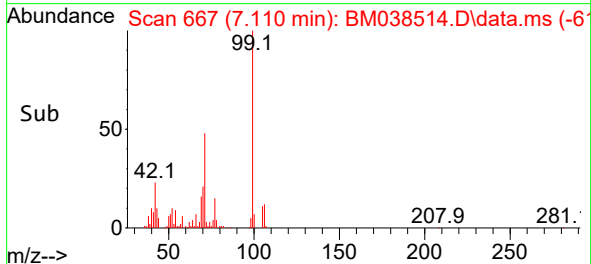
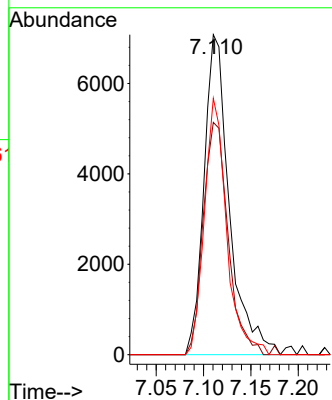
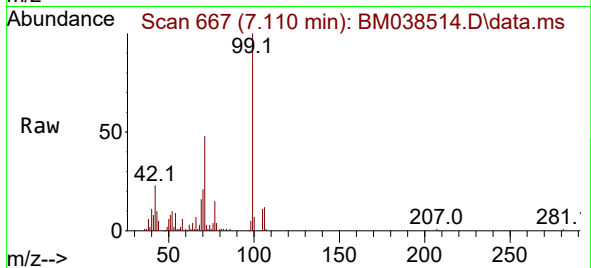




#9
Benzaldehyde
Concen: 5.775 ng
RT: 7.110 min Scan# 667
Delta R.T. 0.000 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

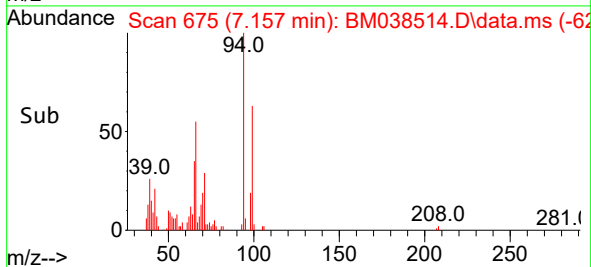
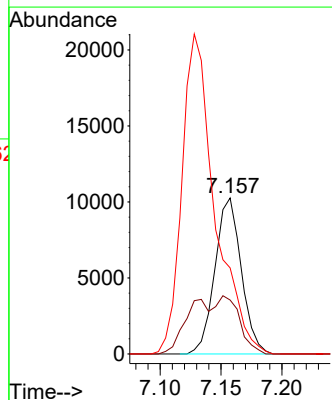
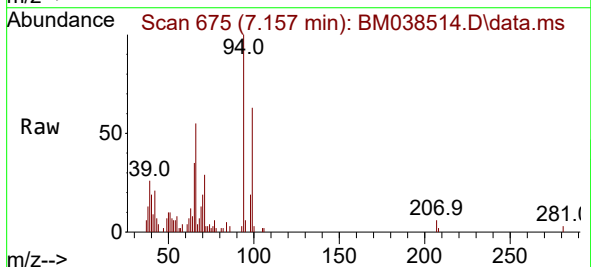
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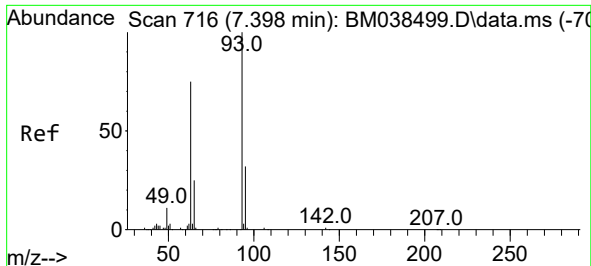
Tgt Ion: 77 Resp: 13192
Ion Ratio Lower Upper
77 100
105 72.6 72.9 112.9#
106 80.1 63.8 103.8



#10
Phenol
Concen: 4.019 ng
RT: 7.157 min Scan# 675
Delta R.T. -0.006 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

Tgt Ion: 94 Resp: 15465
Ion Ratio Lower Upper
94 100
65 34.6 12.7 52.7
66 55.2 26.0 66.0

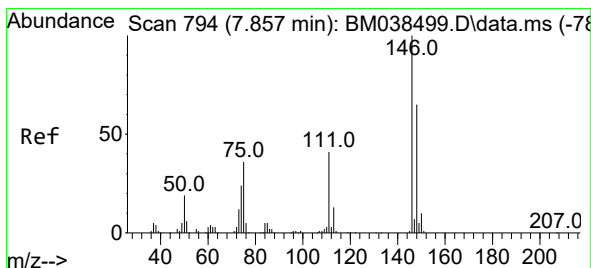
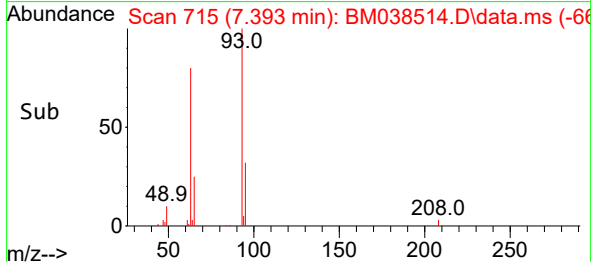
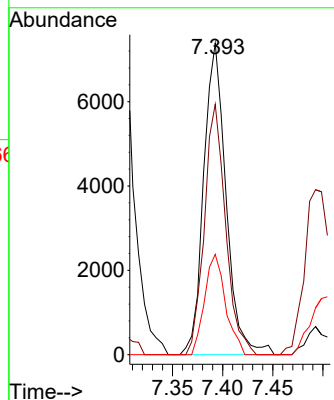
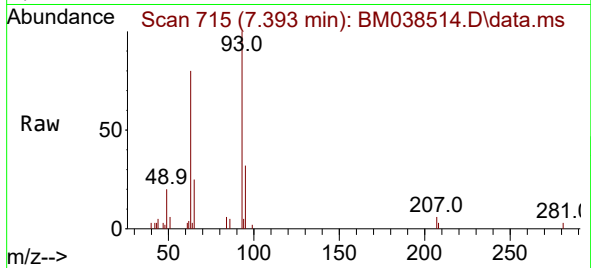




#11
bis(2-Chloroethyl)ether
Concen: 3.784 ng
RT: 7.393 min Scan# 715
Delta R.T. -0.006 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

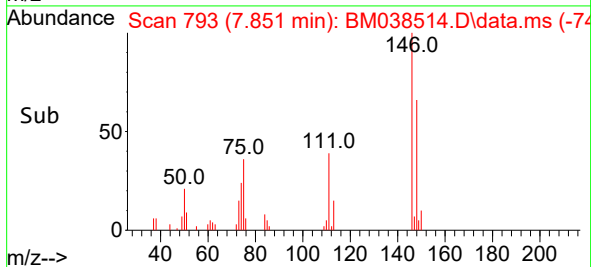
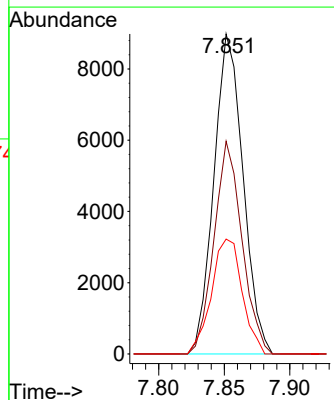
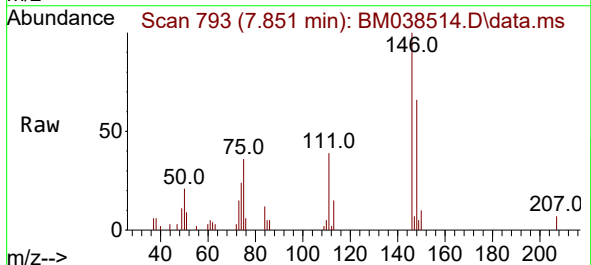
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

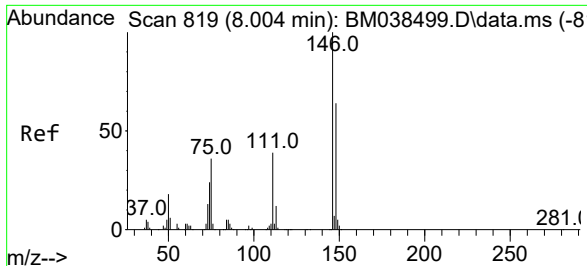
Tgt Ion: 93	Resp: 11489
Ion Ratio	Lower Upper
93 100	
63 80.4	54.4 94.4
95 32.2	11.4 51.4



#12
1,3-Dichlorobenzene
Concen: 3.964 ng
RT: 7.851 min Scan# 793
Delta R.T. -0.006 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

Tgt Ion:146	Resp: 13895		
Ion Ratio	Lower	Upper	
146 100			
148 66.5	52.1	78.1	
75 35.9	28.7	43.1	

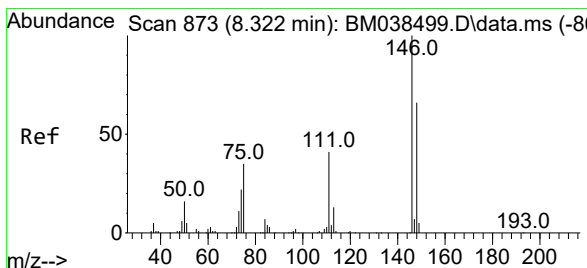
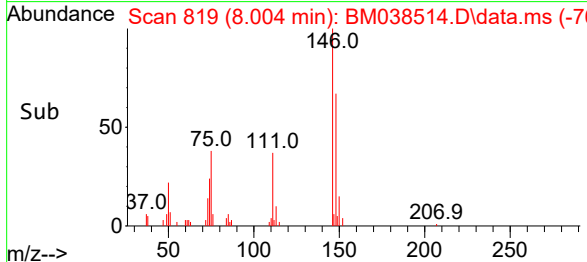
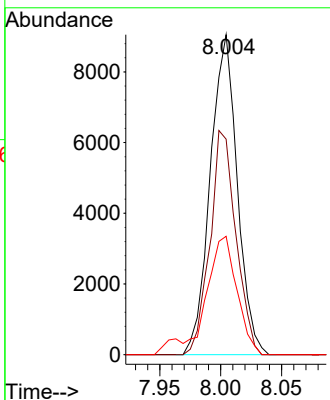
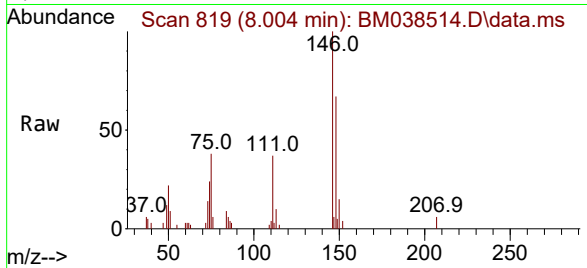




#13
1,4-Dichlorobenzene
Concen: 3.943 ng
RT: 8.004 min Scan# 819
Delta R.T. 0.000 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

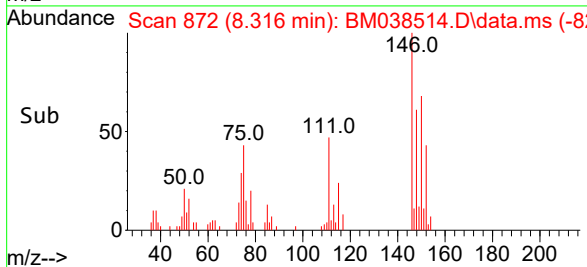
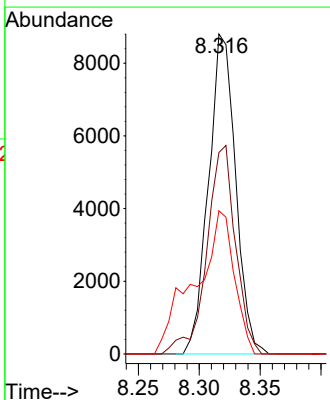
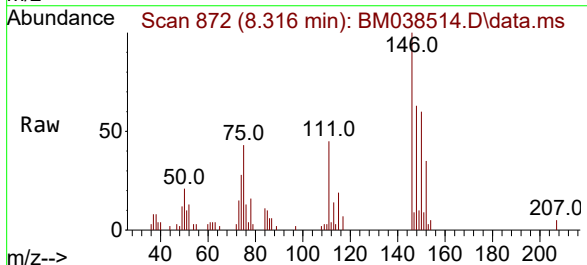
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

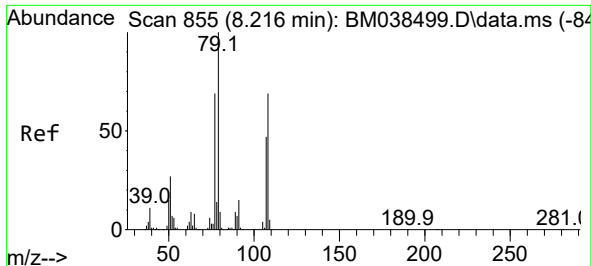
Tgt Ion:	146	Resp:	13965
Ion Ratio	Lower	Upper	
146	100		
148	67.4	51.3	76.9
111	37.0	31.4	47.0



#14
1,2-Dichlorobenzene
Concen: 3.978 ng
RT: 8.316 min Scan# 872
Delta R.T. -0.006 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

Tgt Ion:	146	Resp:	13647
Ion Ratio	Lower	Upper	
146	100		
148	63.0	52.7	79.1
111	44.7	33.2	49.8

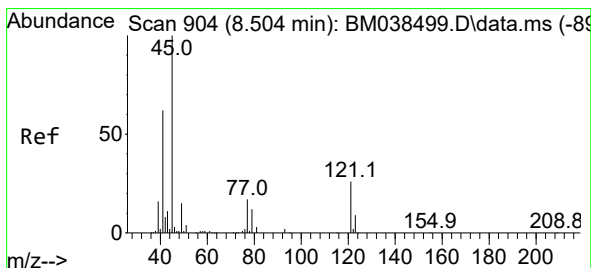
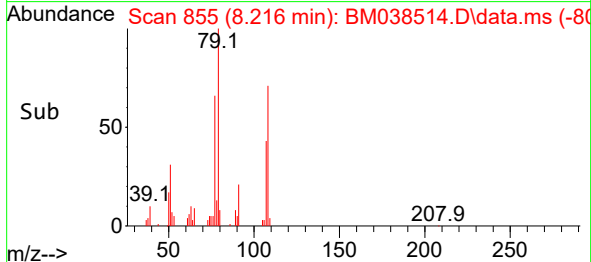
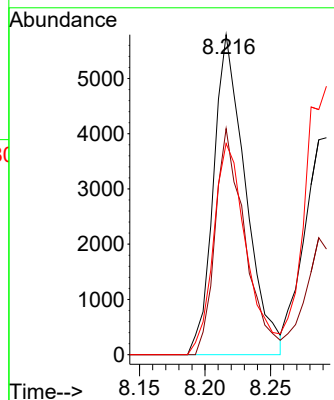
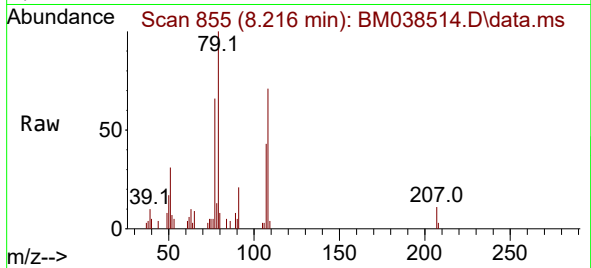




#15
Benzyl Alcohol
Concen: 3.417 ng
RT: 8.216 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

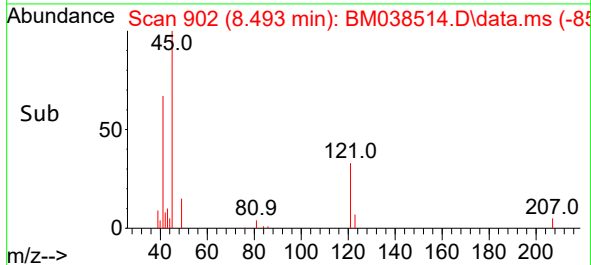
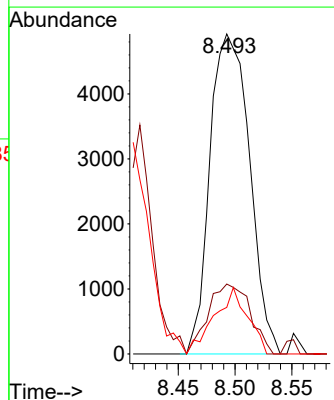
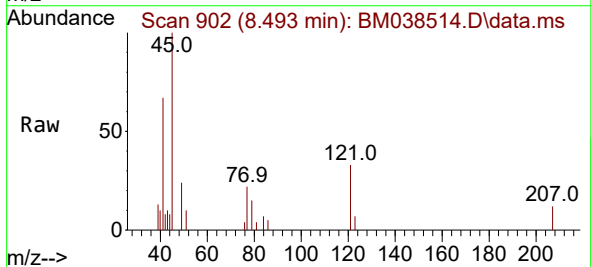
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

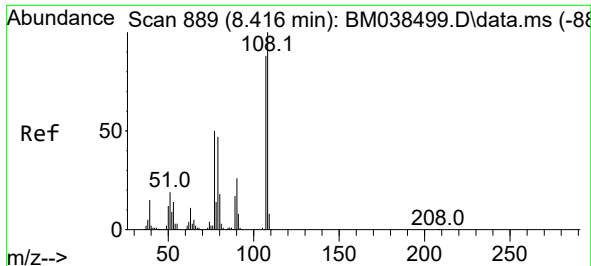
Tgt Ion: 79 Resp: 9838
Ion Ratio Lower Upper
79 100
108 70.6 55.0 82.6
77 66.0 55.0 82.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.740 ng
RT: 8.493 min Scan# 902
Delta R.T. -0.012 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

Tgt Ion: 45 Resp: 11924
Ion Ratio Lower Upper
45 100
77 21.9 0.0 39.2
79 14.6 0.0 34.9

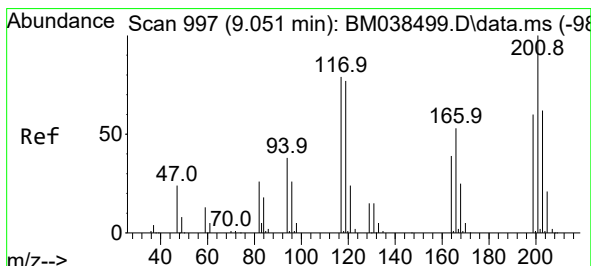
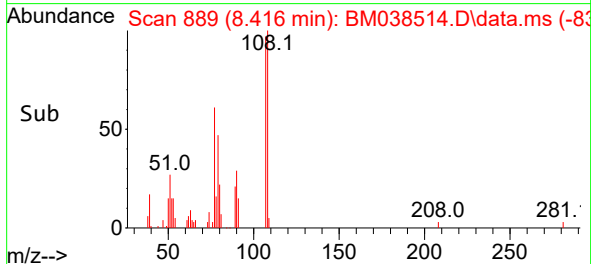
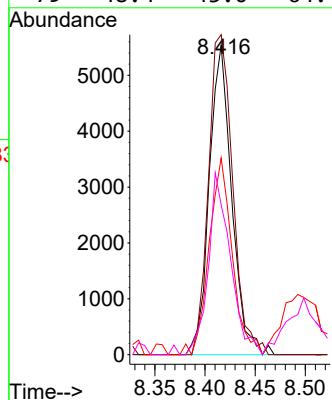
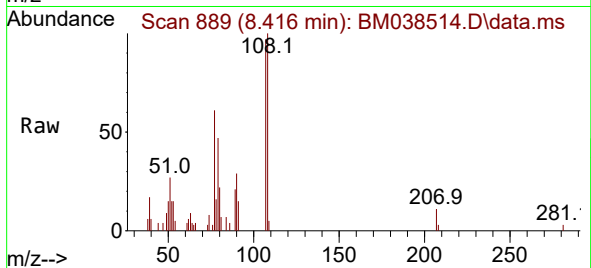




#17
2-Methylphenol
Concen: 3.180 ng
RT: 8.416 min Scan# 889
Delta R.T. 0.000 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

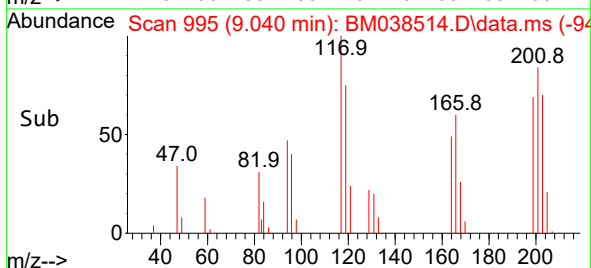
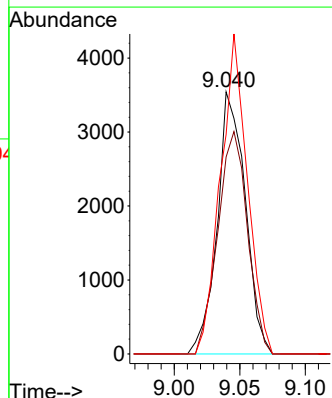
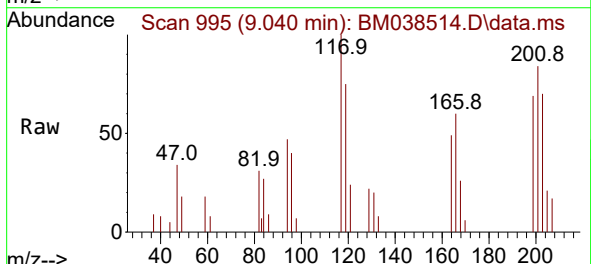
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

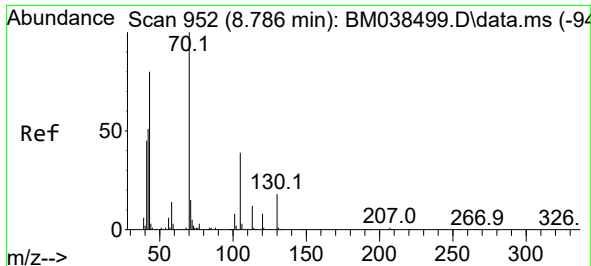
Tgt Ion:	107	Resp:	8660
Ion	Ratio	Lower	Upper
107	100		
108	103.4	90.8	136.2
77	63.6	46.1	69.1
79	48.4	43.0	64.4



#18
Hexachloroethane
Concen: 4.003 ng
RT: 9.040 min Scan# 995
Delta R.T. -0.012 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

Tgt Ion:	117	Resp:	5271
Ion	Ratio	Lower	Upper
117	100		
119	75.1	77.9	116.9#
201	83.7	100.6	151.0#

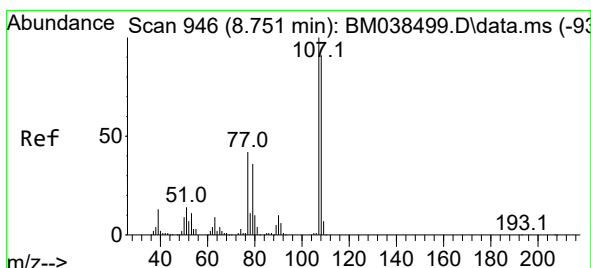
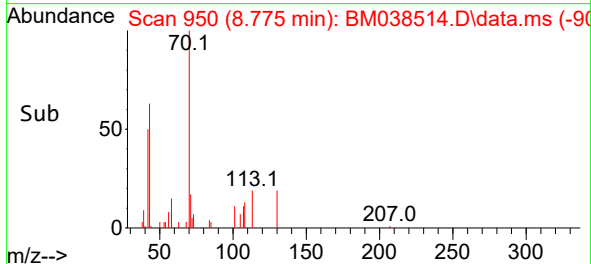
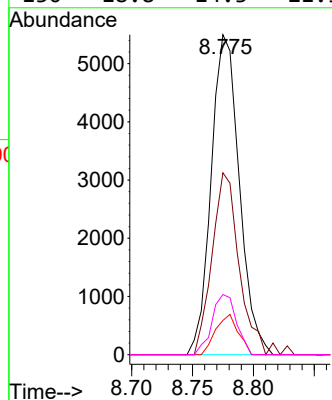
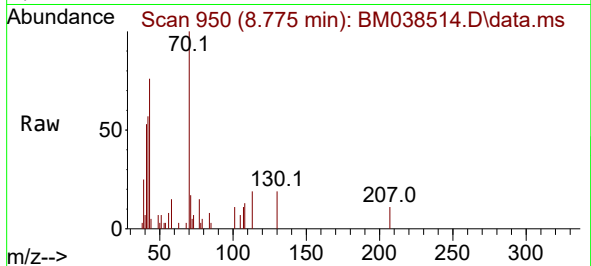




#19
n-Nitroso-di-n-propylamine
Concen: 3.206 ng
RT: 8.775 min Scan# 91
Delta R.T. -0.011 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

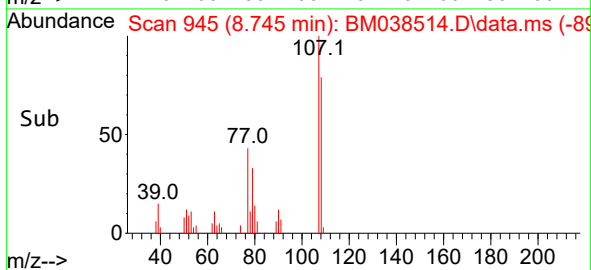
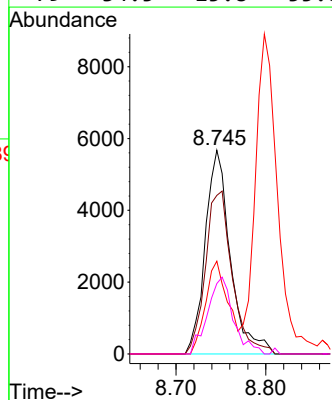
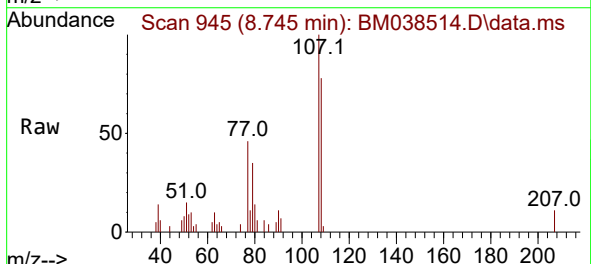
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

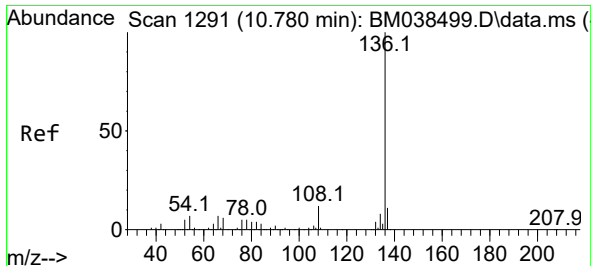
Tgt Ion:	70	Resp:	8848
Ion	Ratio	Lower	Upper
70	100		
42	56.9	41.4	62.2
101	10.7	6.5	9.7#
130	18.8	14.3	21.5



#20
3+4-Methylphenols
Concen: 3.028 ng
RT: 8.745 min Scan# 945
Delta R.T. -0.005 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

Tgt Ion:	107	Resp:	11053
Ion	Ratio	Lower	Upper
107	100		
108	77.8	70.7	110.7
77	45.6	22.0	62.0
79	34.5	15.8	55.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.775 min Scan# 1291

Delta R.T. -0.006 min

Lab File: BM038514.D

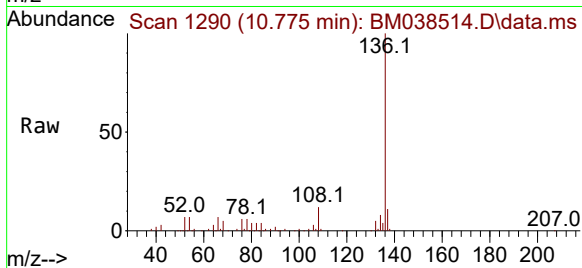
Acq: 23 Jan 2023 18:26

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022



Tgt Ion:136 Resp: 160875

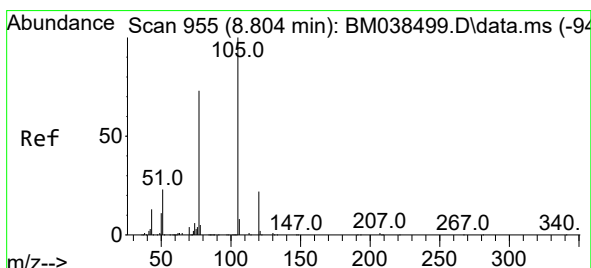
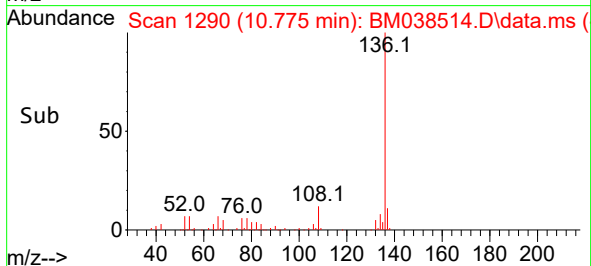
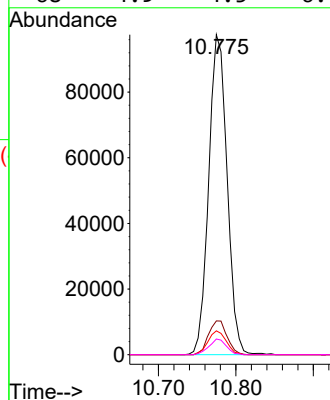
Ion Ratio Lower Upper

136 100

137 10.5 8.4 12.6

54 7.4 6.0 9.0

68 4.9 4.5 6.7



#22

Acetophenone

Concen: 3.771 ng

RT: 8.798 min Scan# 954

Delta R.T. -0.006 min

Lab File: BM038514.D

Acq: 23 Jan 2023 18:26

Tgt Ion:105 Resp: 16713

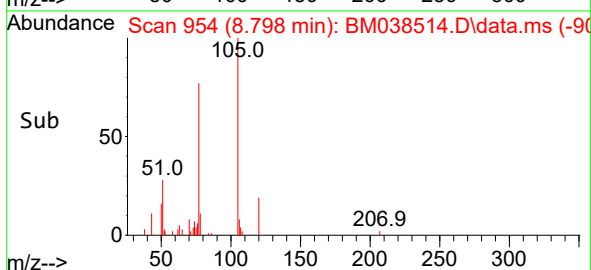
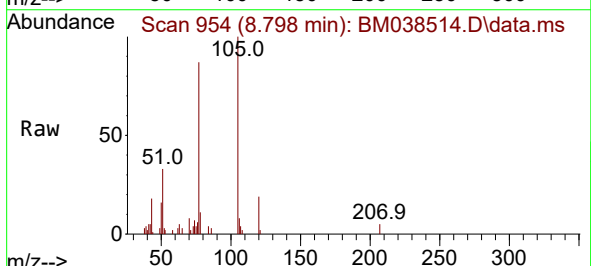
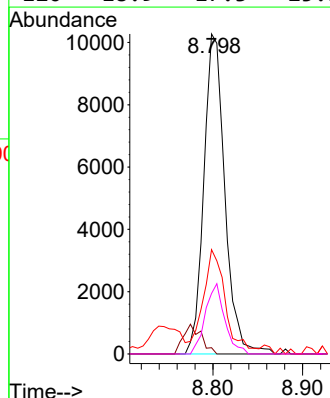
Ion Ratio Lower Upper

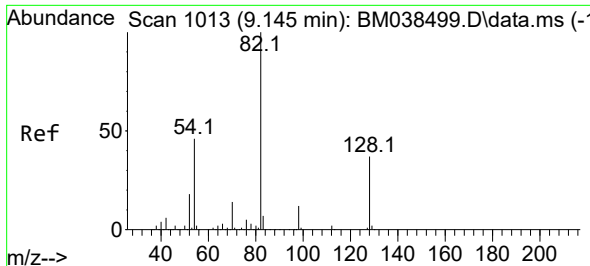
105 100

71 2.0 0.9 1.3

51 32.6 21.8 32.8

120 18.9 17.3 25.9





#23

Nitrobenzene-d5

Concen: 81.377 ng

RT: 9.140 min Scan# 1013

Delta R.T. -0.006 min

Lab File: BM038514.D

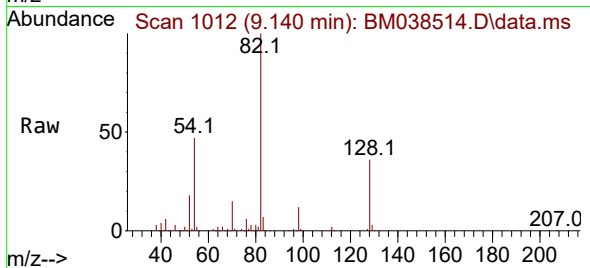
Acq: 23 Jan 2023 18:26

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022



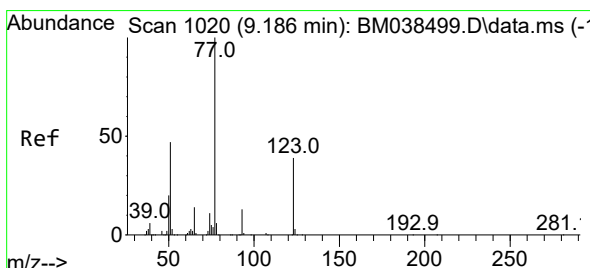
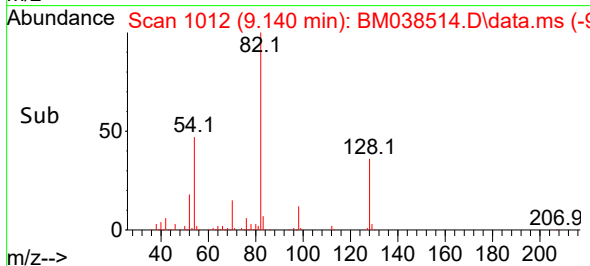
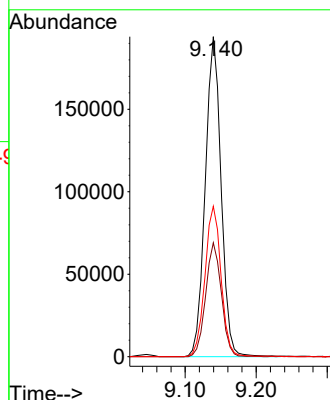
Tgt Ion: 82 Resp: 301473

Ion Ratio Lower Upper

82 100

128 35.6 29.3 43.9

54 47.0 36.9 55.3



#24

Nitrobenzene

Concen: 4.074 ng

RT: 9.181 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BM038514.D

Acq: 23 Jan 2023 18:26

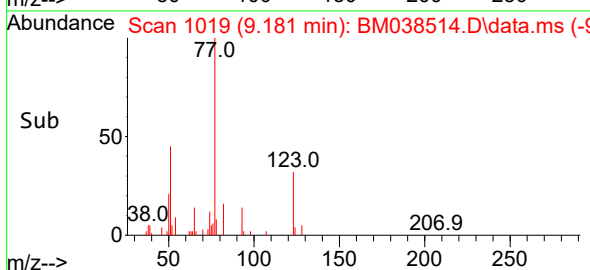
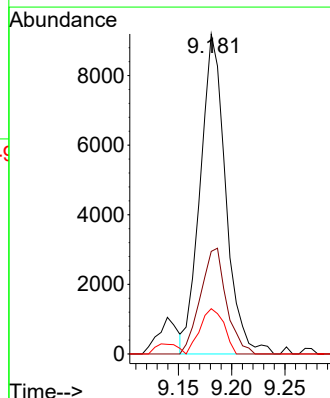
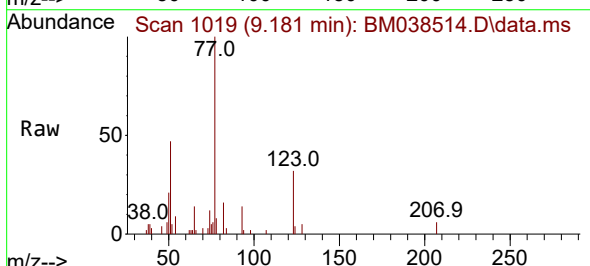
Tgt Ion: 77 Resp: 15270

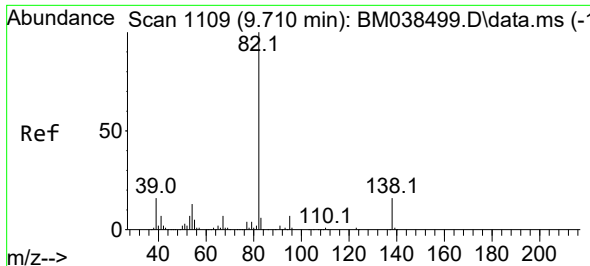
Ion Ratio Lower Upper

77 100

123 32.1 31.5 47.3

65 14.1 11.2 16.8

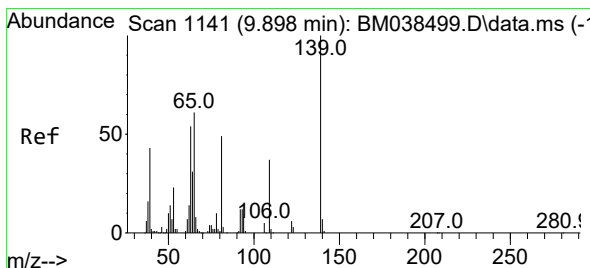
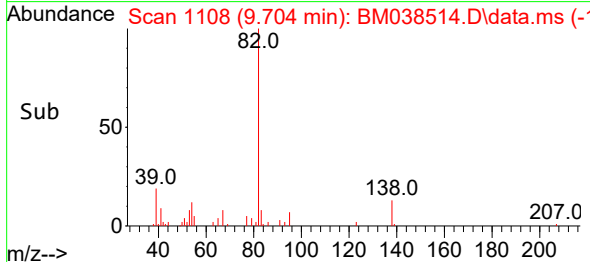
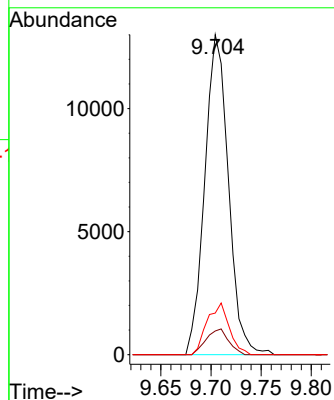
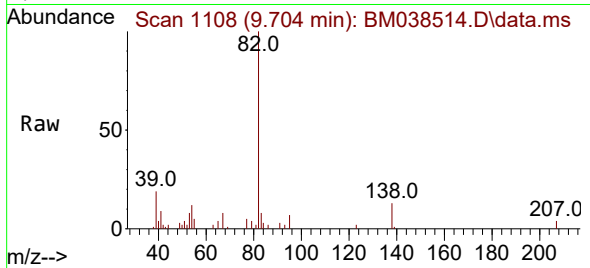




#25
Isophorone
Concen: 3.494 ng
RT: 9.704 min Scan# 1108
Delta R.T. -0.006 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

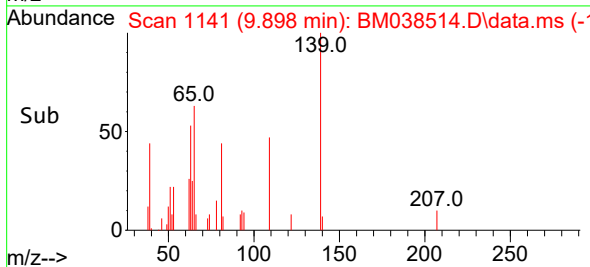
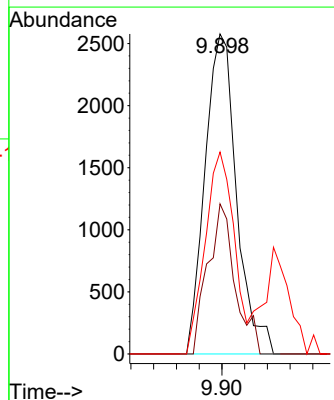
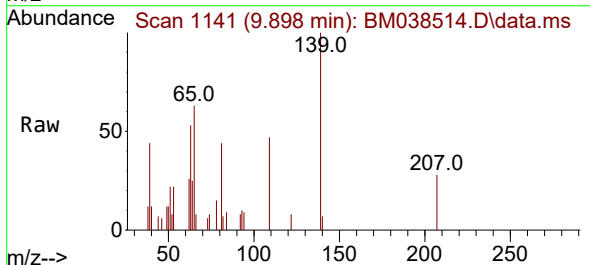
Instrument : BNA_M
ClientSampleId : LOD-MDL-WATER-01-QT4-2022

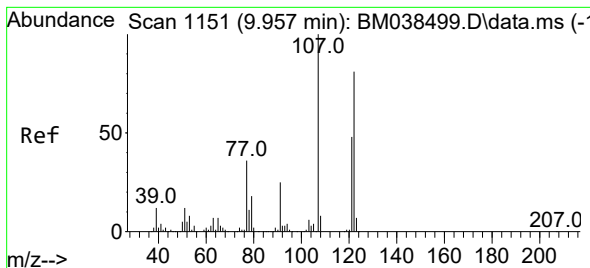
Tgt Ion: 82 Resp: 21361
Ion Ratio Lower Upper
82 100
95 7.4 5.6 8.4
138 13.0 13.2 19.8#



#26
2-Nitrophenol
Concen: 3.341 ng
RT: 9.898 min Scan# 1141
Delta R.T. 0.000 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

Tgt Ion: 139 Resp: 4971
Ion Ratio Lower Upper
139 100
109 46.9 29.3 43.9#
65 63.1 48.6 72.8





#27

2,4-Dimethylphenol

Concen: 3.400 ng

RT: 9.951 min Scan# 1150

Delta R.T. -0.006 min

Lab File: BM038514.D

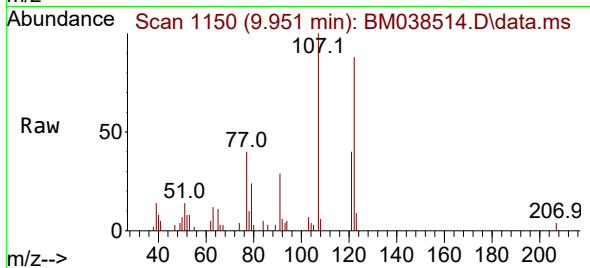
Acq: 23 Jan 2023 18:26

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022



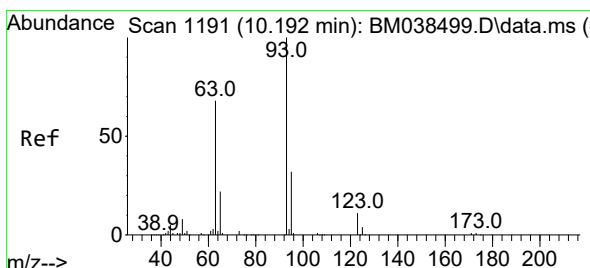
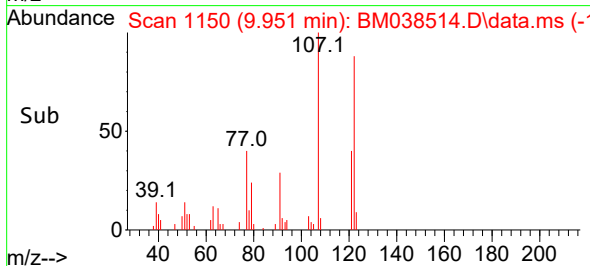
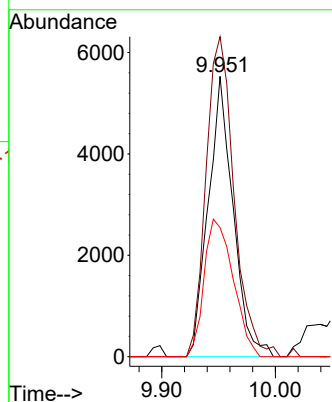
Tgt Ion:122 Resp: 8418

Ion Ratio Lower Upper

122 100

107 114.2 98.2 147.2

121 46.1 47.1 70.7#



#28

bis(2-Chloroethoxy)methane

Concen: 3.552 ng

RT: 10.192 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BM038514.D

Acq: 23 Jan 2023 18:26

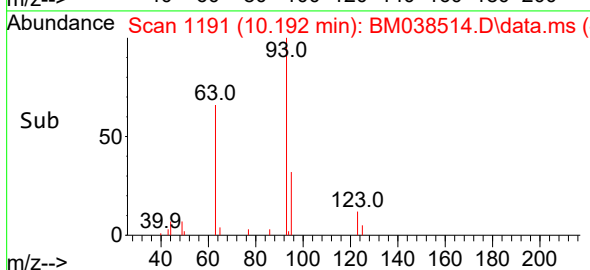
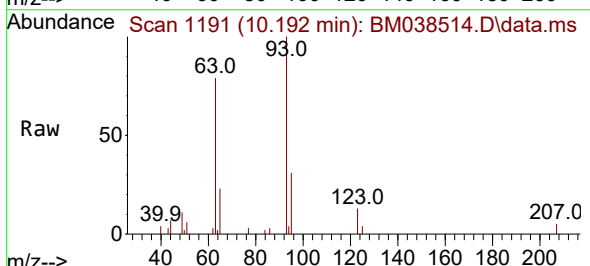
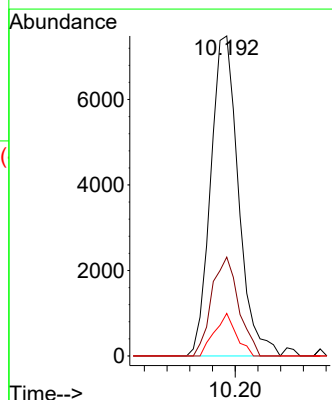
Tgt Ion: 93 Resp: 12705

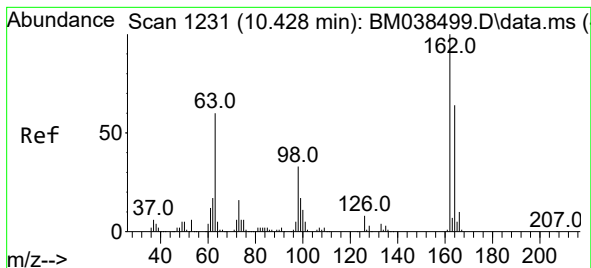
Ion Ratio Lower Upper

93 100

95 30.9 25.3 37.9

123 13.3 8.8 13.2#





#29

2,4-Dichlorophenol

Concen: 3.396 ng

RT: 10.428 min Scan# 11

Delta R.T. 0.000 min

Lab File: BM038514.D

Acq: 23 Jan 2023 18:26

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

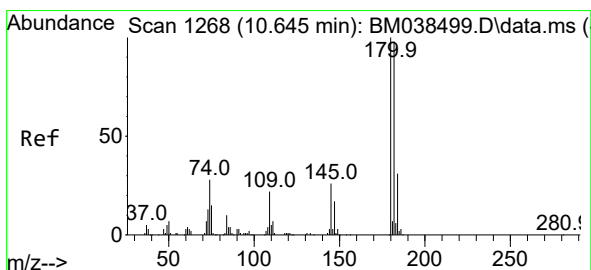
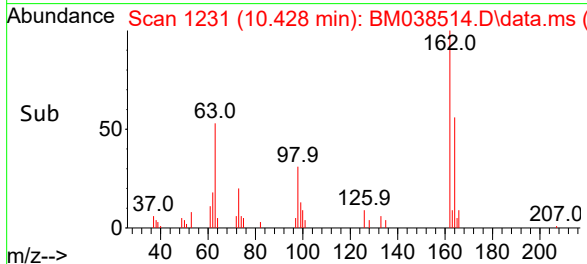
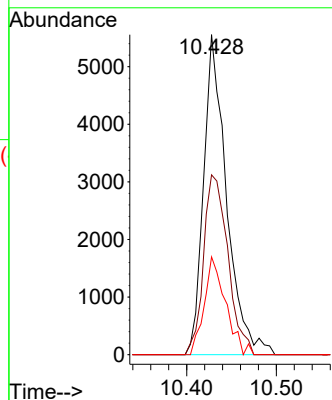
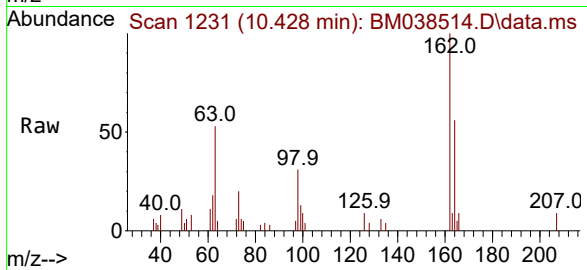
Tgt Ion:162 Resp: 9865

Ion Ratio Lower Upper

162 100

164 56.2 43.7 83.7

98 30.6 12.9 52.9



#30

1,2,4-Trichlorobenzene

Concen: 3.881 ng

RT: 10.639 min Scan# 1267

Delta R.T. -0.006 min

Lab File: BM038514.D

Acq: 23 Jan 2023 18:26

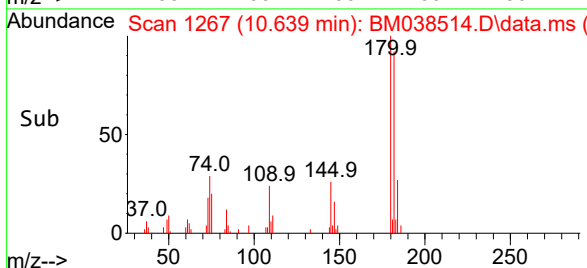
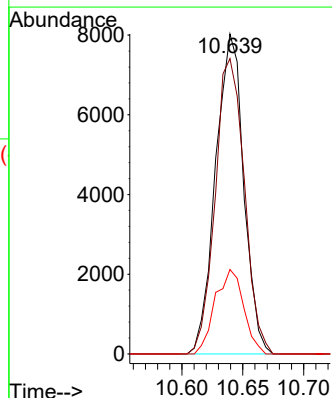
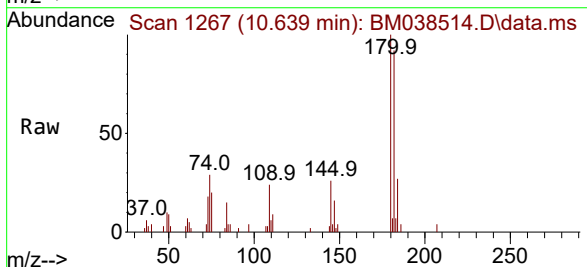
Tgt Ion:180 Resp: 12893

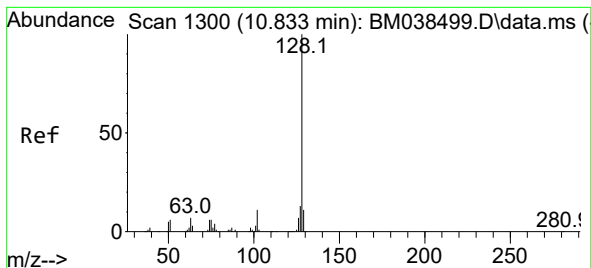
Ion Ratio Lower Upper

180 100

182 92.3 78.3 117.5

145 26.4 21.0 31.6





#31

Naphthalene

Concen: 3.528 ng

RT: 10.828 min Scan# 1167

Delta R.T. -0.006 min

Lab File: BM038514.D

Acq: 23 Jan 2023 18:26

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

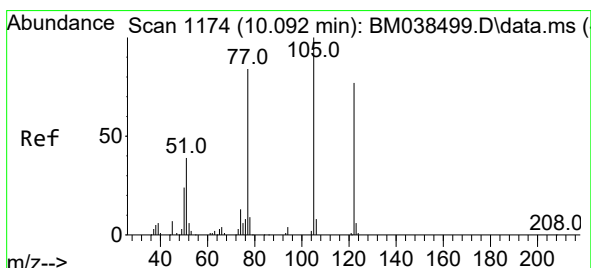
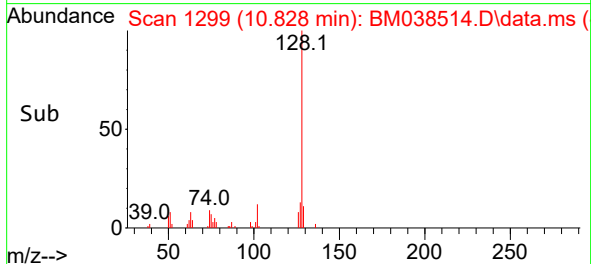
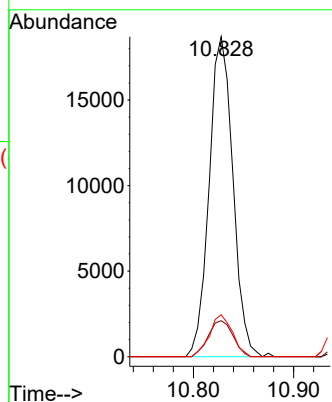
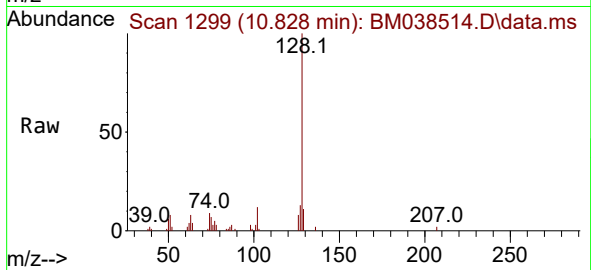
Tgt Ion:128 Resp: 30832

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

127 13.1 10.3 15.5



#32

Benzoic acid

Concen: 6.431 ng

RT: 10.051 min Scan# 1167

Delta R.T. -0.041 min

Lab File: BM038514.D

Acq: 23 Jan 2023 18:26

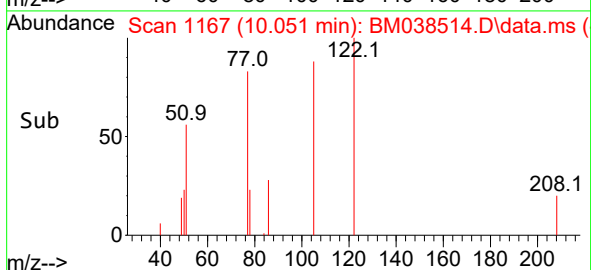
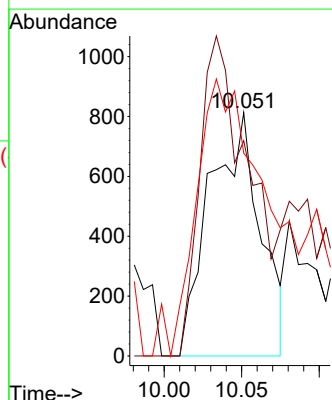
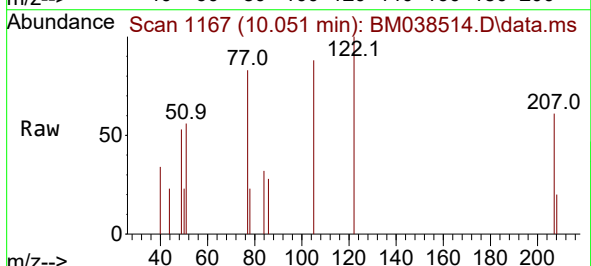
Tgt Ion:122 Resp: 1847

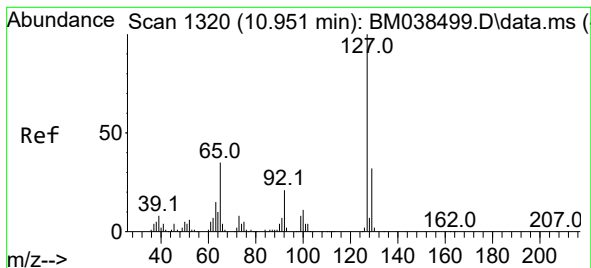
Ion Ratio Lower Upper

122 100

105 88.4 107.9 147.9#

77 83.4 88.6 128.6#

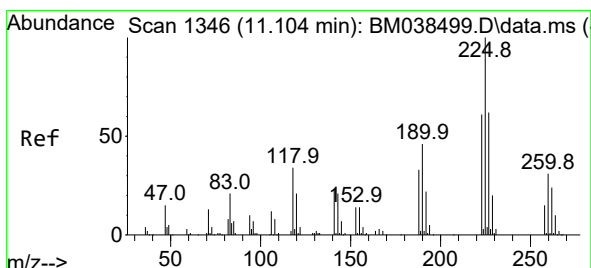
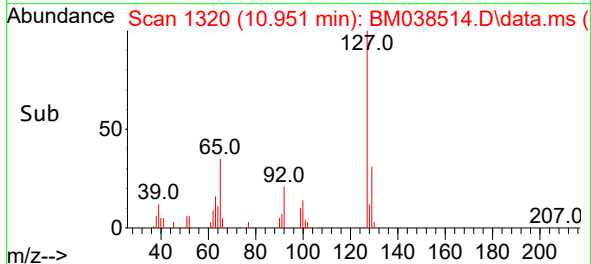
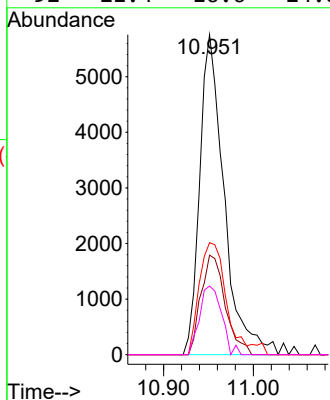
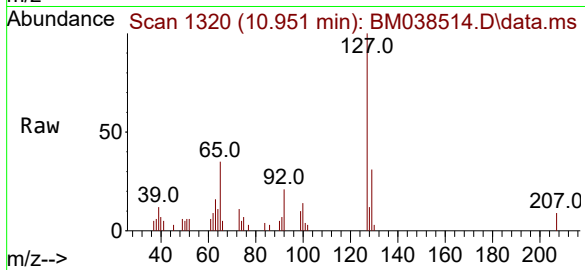




#33
4-Chloroaniline
Concen: 2.981 ng
RT: 10.951 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

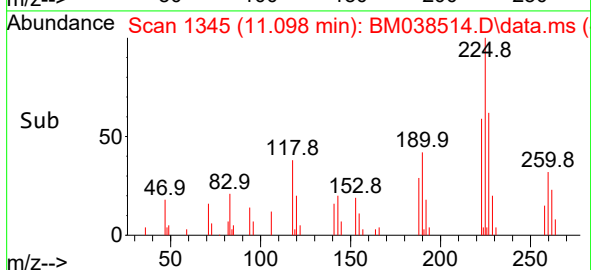
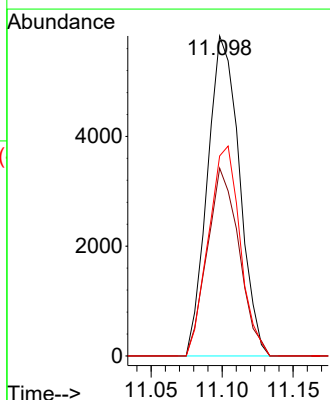
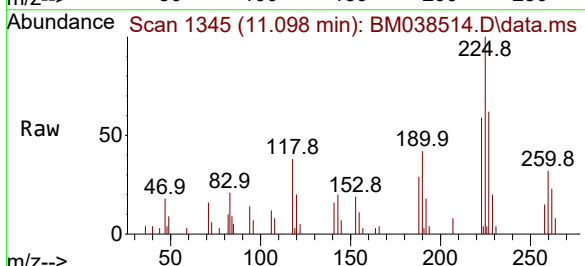
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

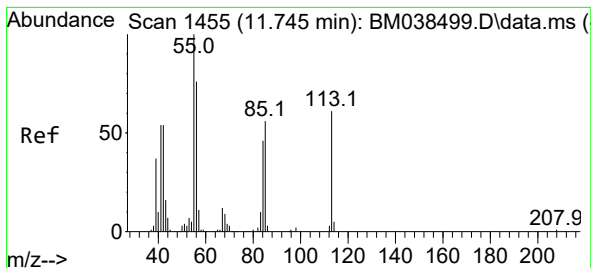
Tgt Ion:	127	Resp:	10873
Ion	Ratio	Lower	Upper
127	100		
129	31.1	25.8	38.6
65	35.0	28.2	42.2
92	21.4	16.6	24.8



#34
Hexachlorobutadiene
Concen: 4.167 ng
RT: 11.098 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

Tgt Ion:	225	Resp:	9106
Ion	Ratio	Lower	Upper
225	100		
223	56.6	48.8	73.2
227	60.3	49.4	74.0





#35

Caprolactam

Concen: 2.104 ng

RT: 11.734 min Scan# 1453

Delta R.T. -0.012 min

Lab File: BM038514.D

Acq: 23 Jan 2023 18:26

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

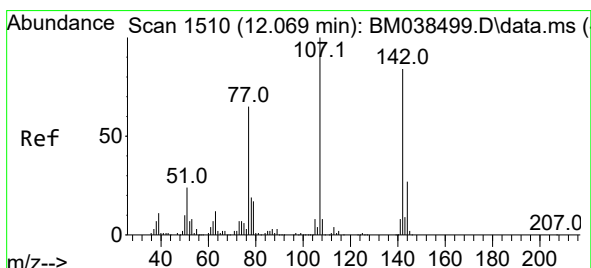
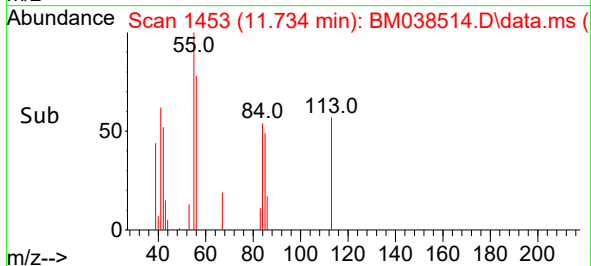
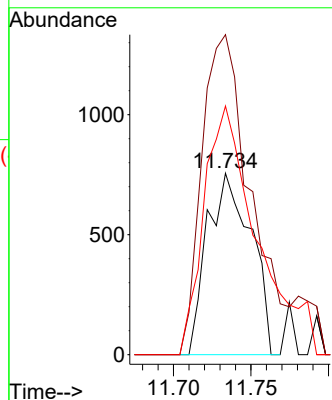
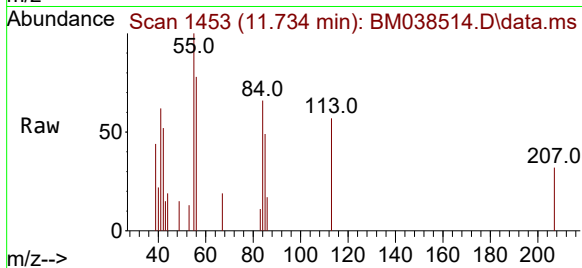
Tgt Ion:113 Resp: 1482

Ion Ratio Lower Upper

113 100

55 176.3 145.0 185.0

56 137.0 105.7 145.7



#36

4-Chloro-3-methylphenol

Concen: 3.257 ng

RT: 12.069 min Scan# 1510

Delta R.T. 0.000 min

Lab File: BM038514.D

Acq: 23 Jan 2023 18:26

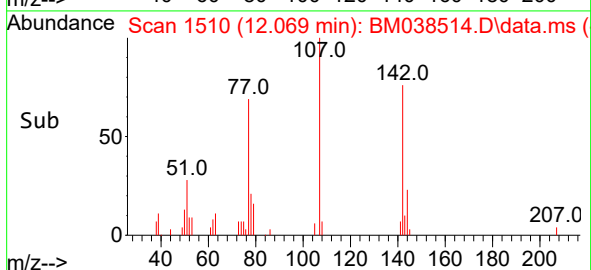
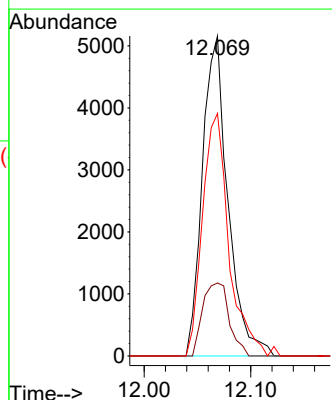
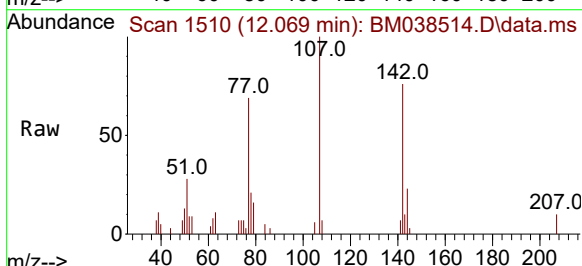
Tgt Ion:107 Resp: 8605

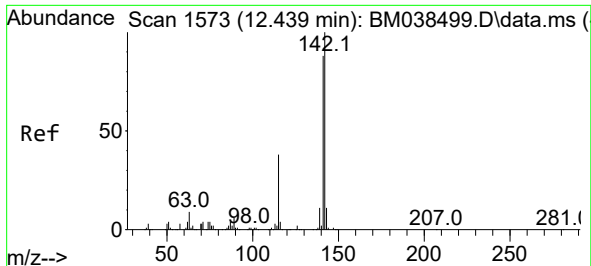
Ion Ratio Lower Upper

107 100

144 22.8 22.0 33.0

142 75.8 67.5 101.3





#37

2-Methylnaphthalene

Concen: 3.173 ng

RT: 12.433 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM038514.D

Acq: 23 Jan 2023 18:26

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

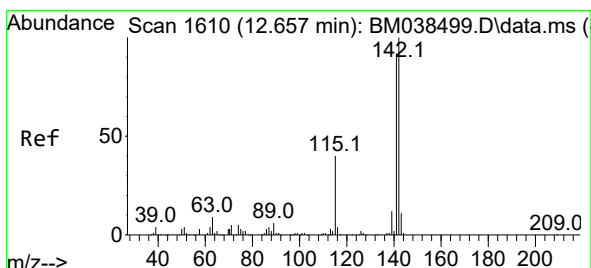
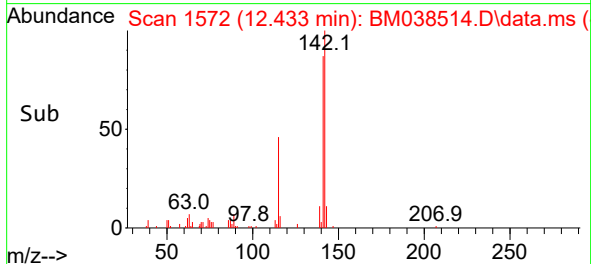
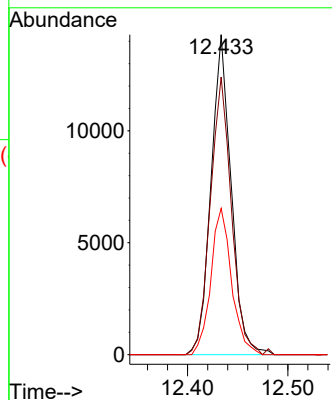
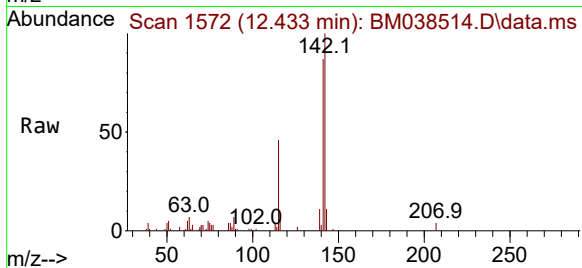
Tgt Ion:142 Resp: 19927

Ion Ratio Lower Upper

142 100

141 86.7 70.7 106.1

115 45.7 30.4 45.6#



#38

1-Methylnaphthalene

Concen: 3.340 ng

RT: 12.651 min Scan# 1609

Delta R.T. -0.006 min

Lab File: BM038514.D

Acq: 23 Jan 2023 18:26

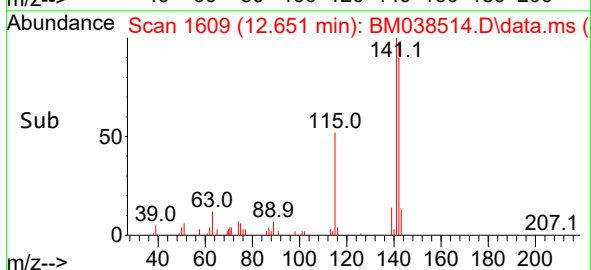
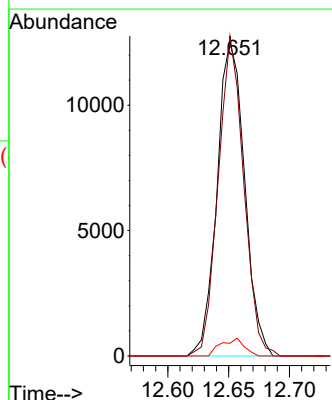
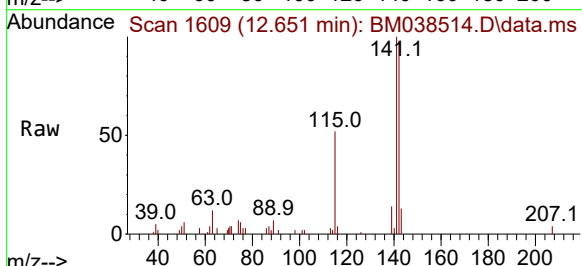
Tgt Ion:142 Resp: 19787

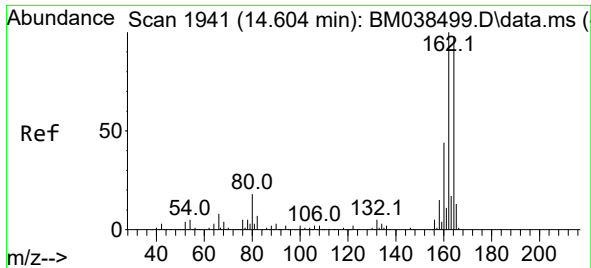
Ion Ratio Lower Upper

142 100

141 101.8 73.4 110.0

116 4.0 3.3 4.9

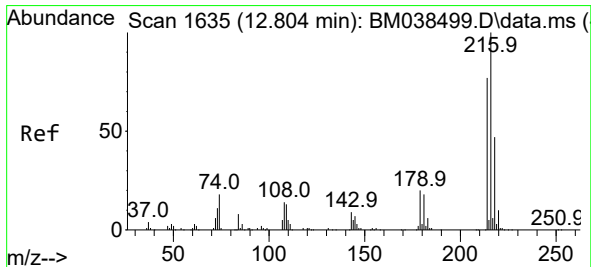
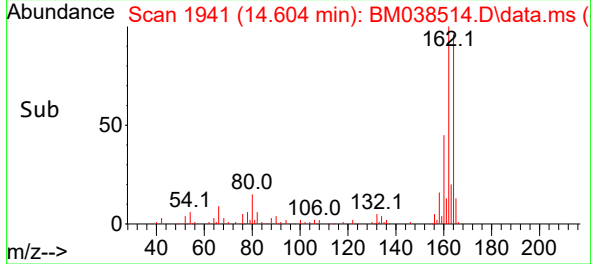
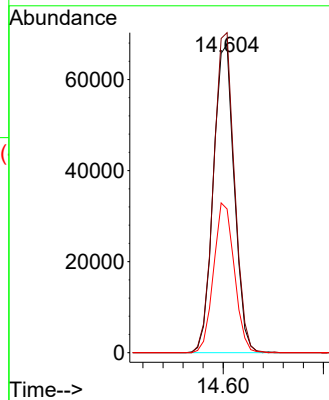
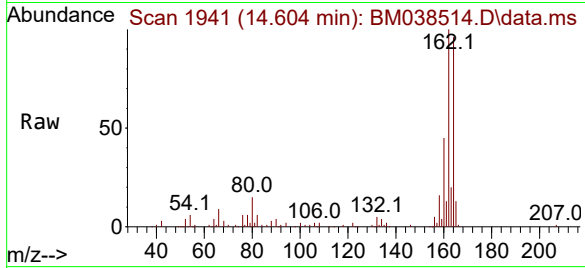




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.604 min Scan# 1941
Delta R.T. 0.000 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

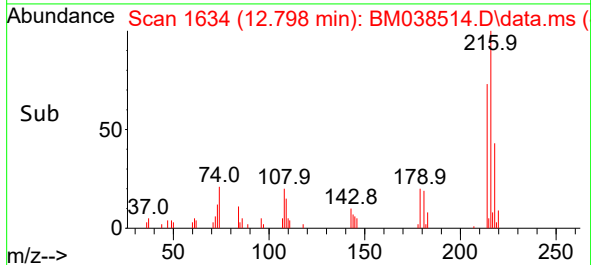
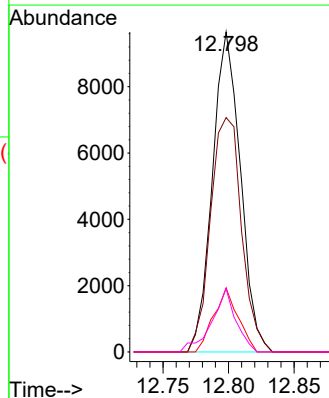
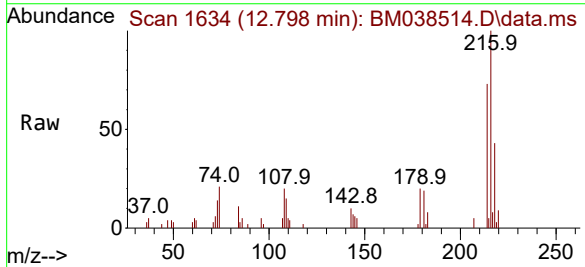
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

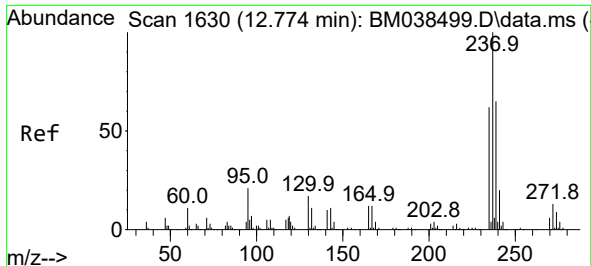
Tgt Ion:164	Resp:	97869
Ion Ratio	Lower	Upper
164	100	
162	103.8	82.0 123.0
160	46.6	35.8 53.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 3.882 ng
RT: 12.798 min Scan# 1634
Delta R.T. -0.006 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

Tgt Ion:216	Resp:	14290
Ion Ratio	Lower	Upper
216	100	
214	81.3	61.4 92.0
179	17.5	15.7 23.5
108	17.0	14.0 21.0

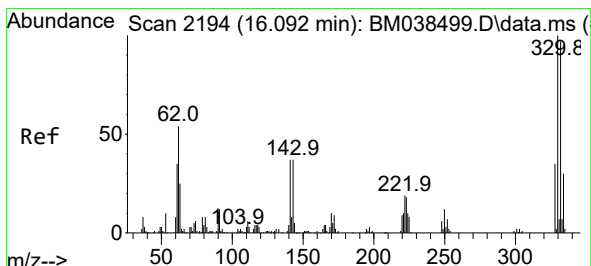
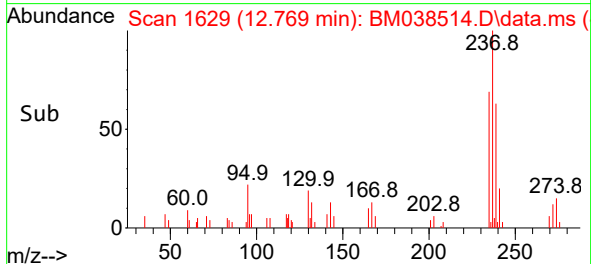
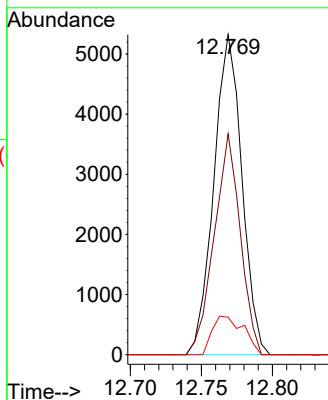
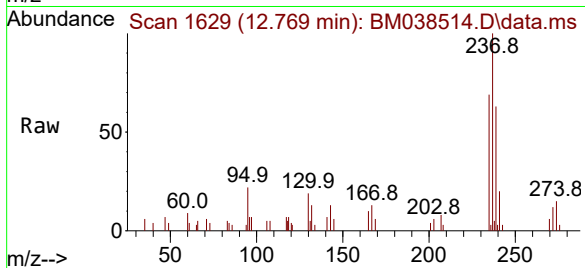




#41
Hexachlorocyclopentadiene
Concen: 3.612 ng
RT: 12.769 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

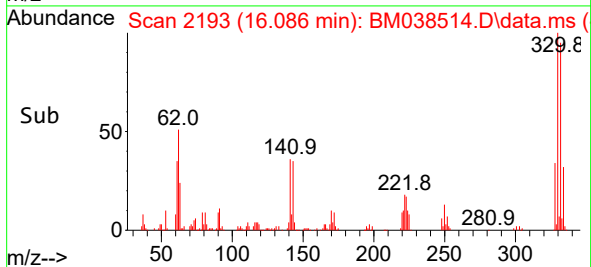
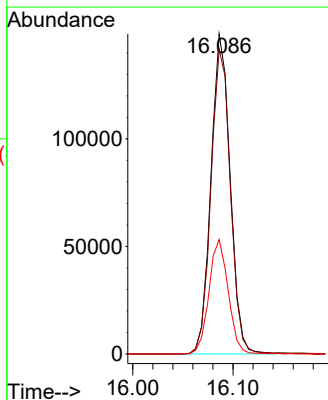
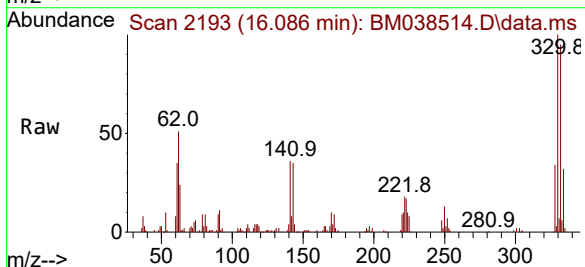
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

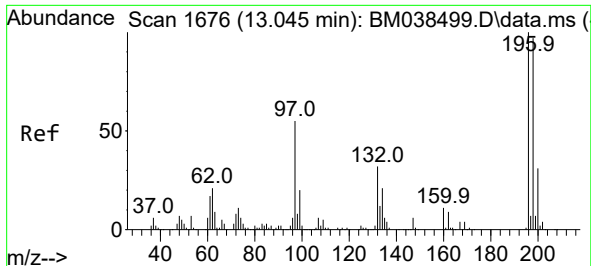
Tgt Ion:237	Resp:	7309
Ion Ratio	Lower	Upper
237	100	
235	69.0	42.3 82.3
272	11.7	0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 140.785 ng
RT: 16.086 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

Tgt Ion:330	Resp:	198414
Ion Ratio	Lower	Upper
330	100	
332	96.4	77.5 116.3
141	35.9	29.0 43.4

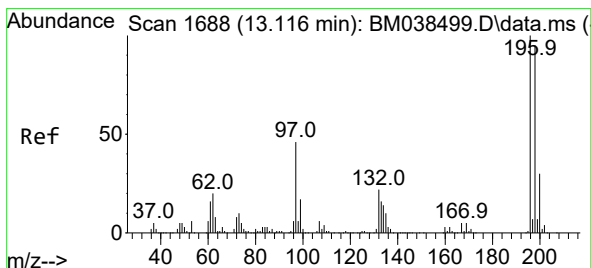
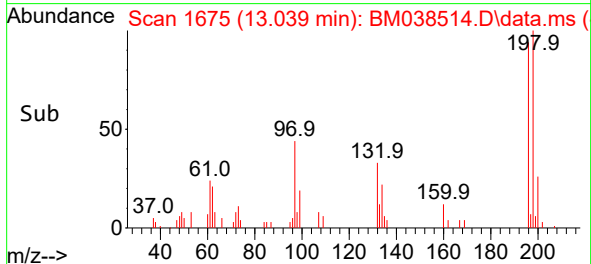
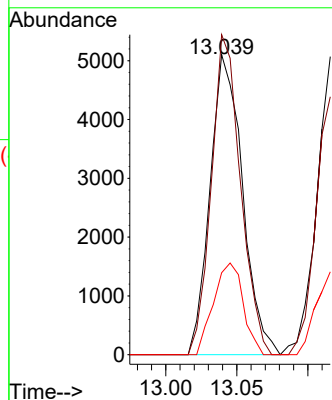
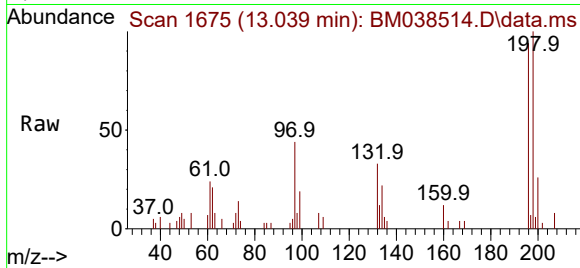




#43
2,4,6-Trichlorophenol
Concen: 3.436 ng
RT: 13.039 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

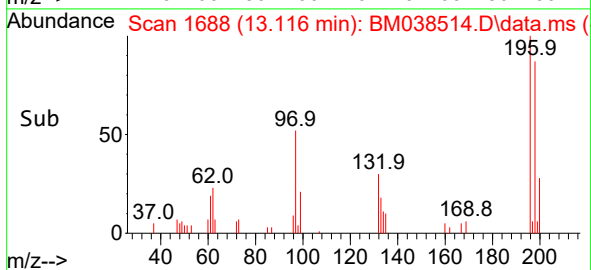
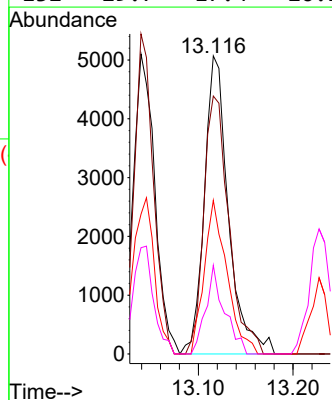
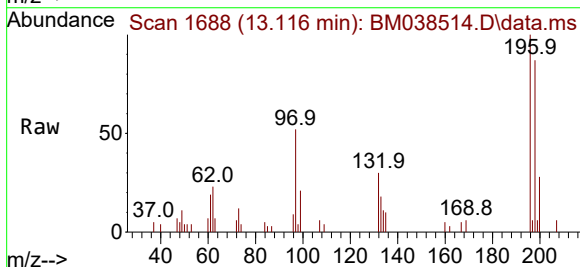
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

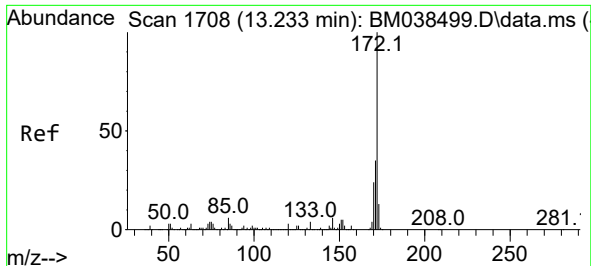
Tgt Ion:196 Resp: 8097
Ion Ratio Lower Upper
196 100
198 106.6 77.9 116.9
200 27.3 24.5 36.7



#44
2,4,5-Trichlorophenol
Concen: 3.251 ng
RT: 13.116 min Scan# 1688
Delta R.T. 0.000 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

Tgt Ion:196 Resp: 8973
Ion Ratio Lower Upper
196 100
198 86.5 76.0 114.0
97 51.5 36.9 55.3
132 29.7 17.4 26.2#

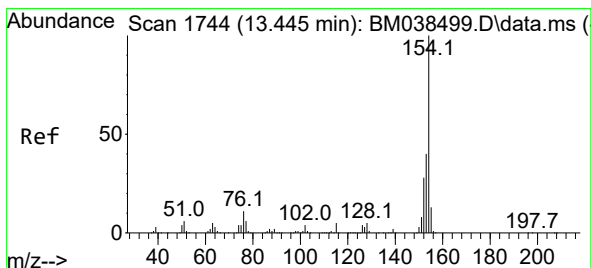
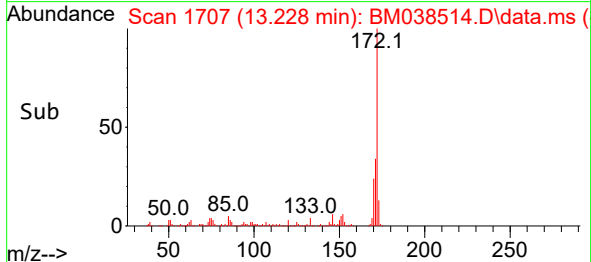
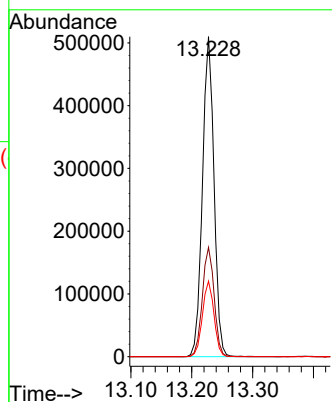
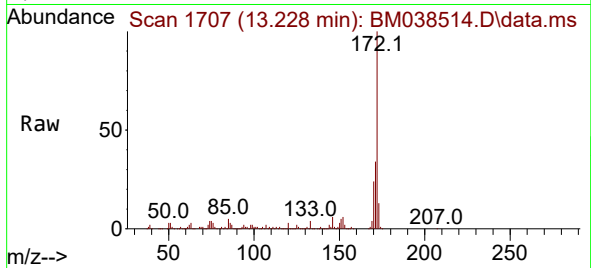




#45
2-Fluorobiphenyl
Concen: 84.334 ng
RT: 13.228 min Scan# 1707
Delta R.T. -0.006 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

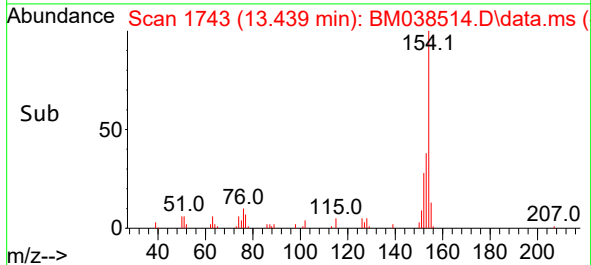
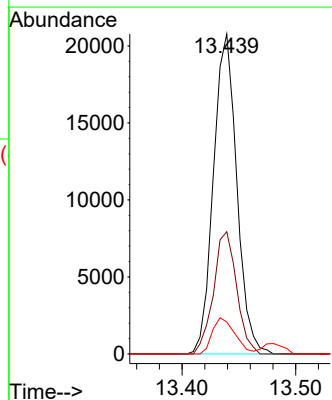
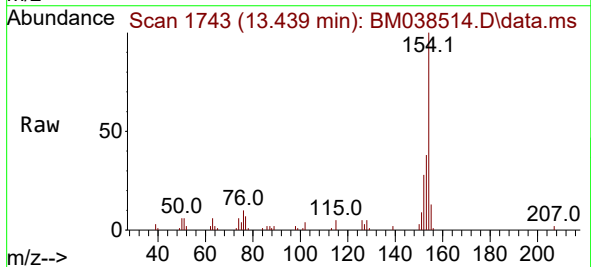
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

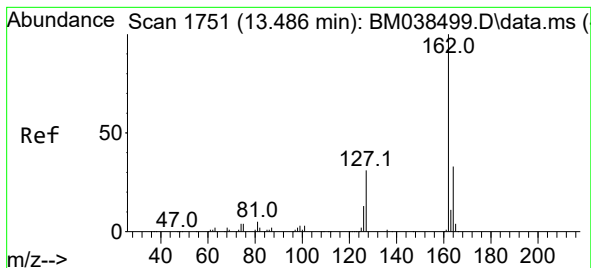
Tgt Ion:172 Resp: 670043
Ion Ratio Lower Upper
172 100
171 34.1 28.0 42.0
170 23.6 19.5 29.3



#46
1,1'-Biphenyl
Concen: 3.785 ng
RT: 13.439 min Scan# 1743
Delta R.T. -0.006 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

Tgt Ion:154 Resp: 29664
Ion Ratio Lower Upper
154 100
153 38.2 20.1 60.1
76 10.0 0.0 31.3





#47

2-Chloronaphthalene

Concen: 3.864 ng

RT: 13.480 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM038514.D

Acq: 23 Jan 2023 18:26

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

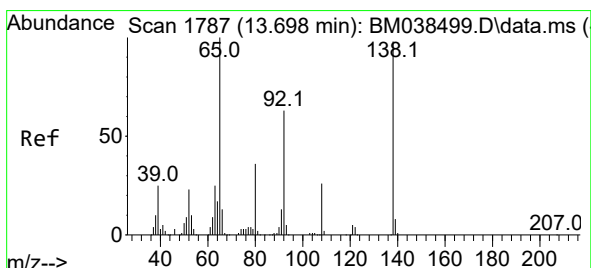
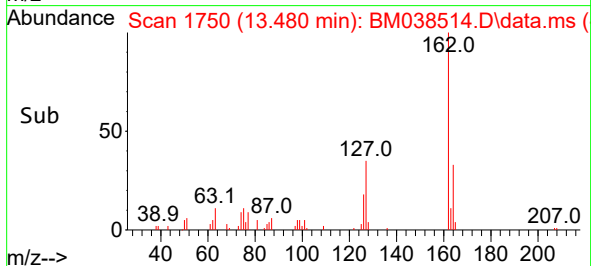
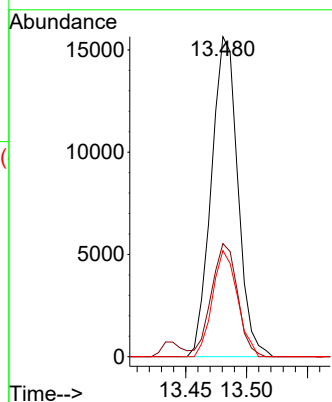
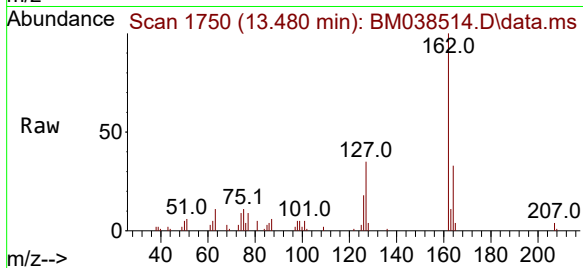
Tgt Ion:162 Resp: 23645

Ion Ratio Lower Upper

162 100

127 35.3 27.4 41.2

164 33.2 26.7 40.1



#48

2-Nitroaniline

Concen: 2.839 ng

RT: 13.692 min Scan# 1786

Delta R.T. -0.006 min

Lab File: BM038514.D

Acq: 23 Jan 2023 18:26

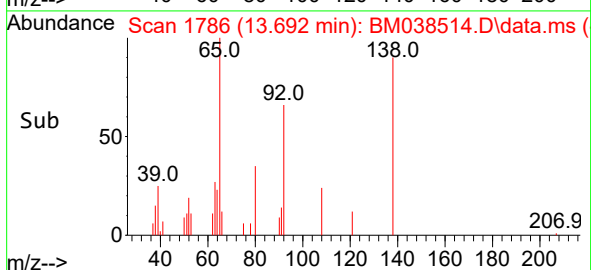
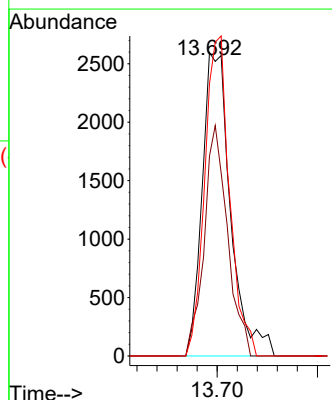
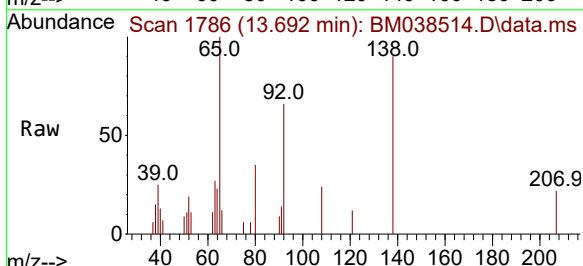
Tgt Ion: 65 Resp: 5101

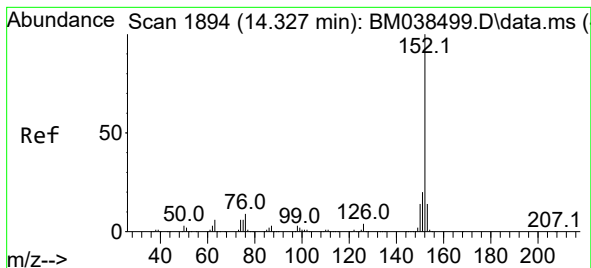
Ion Ratio Lower Upper

65 100

92 65.9 50.0 75.0

138 89.7 78.2 117.2





#49

Acenaphthylene

Concen: 3.332 ng

RT: 14.327 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM038514.D

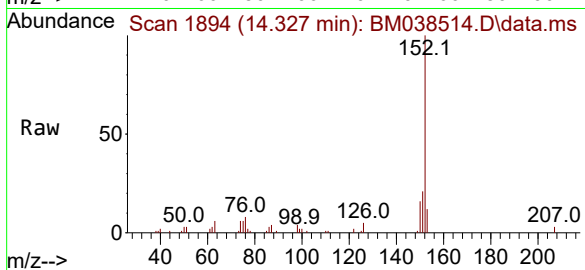
Acq: 23 Jan 2023 18:26

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022



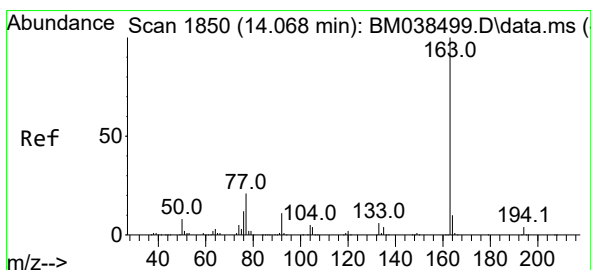
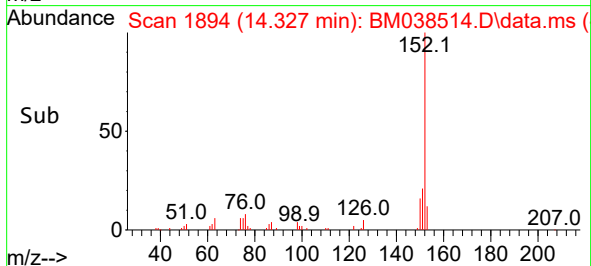
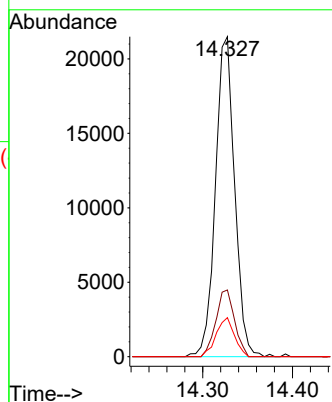
Tgt Ion:152 Resp: 31900

Ion Ratio Lower Upper

152 100

151 20.9 16.0 24.0

153 12.2 10.8 16.2



#50

Dimethylphthalate

Concen: 3.645 ng

RT: 14.057 min Scan# 1848

Delta R.T. -0.012 min

Lab File: BM038514.D

Acq: 23 Jan 2023 18:26

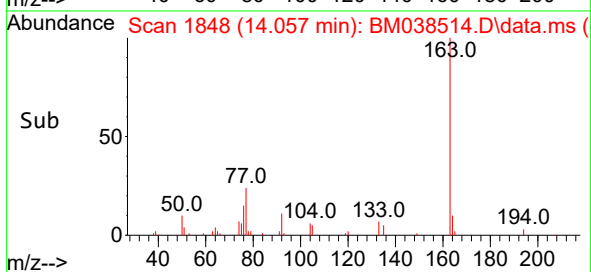
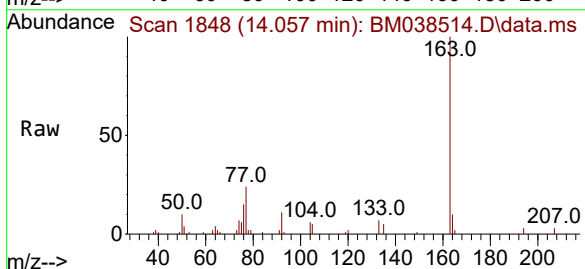
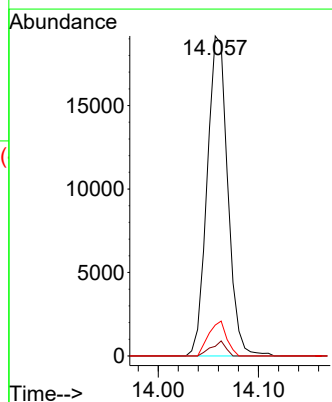
Tgt Ion:163 Resp: 27464

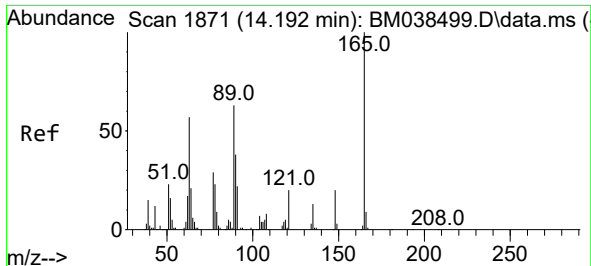
Ion Ratio Lower Upper

163 100

194 3.0 3.3 4.9#

164 9.6 8.0 12.0

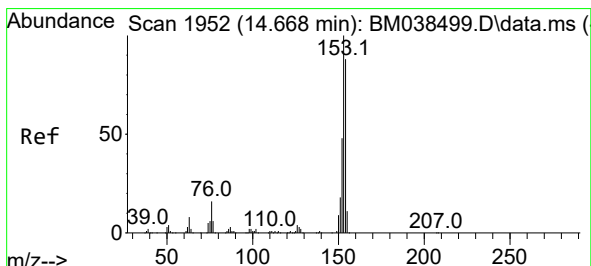
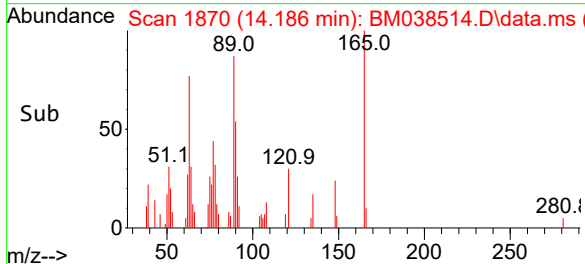
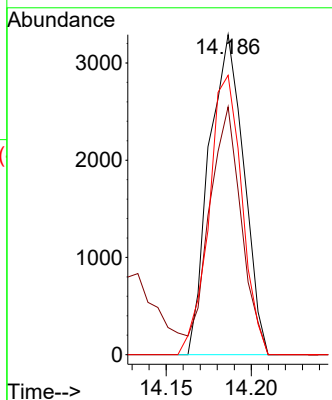
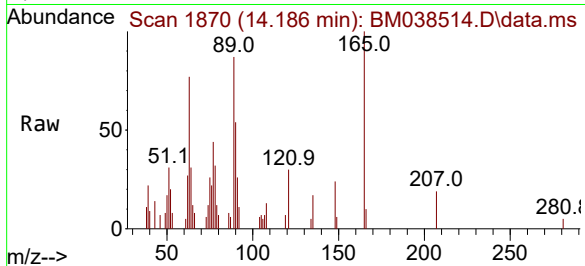




#51
2,6-Dinitrotoluene
Concen: 2.932 ng
RT: 14.186 min Scan# 1871
Delta R.T. -0.006 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

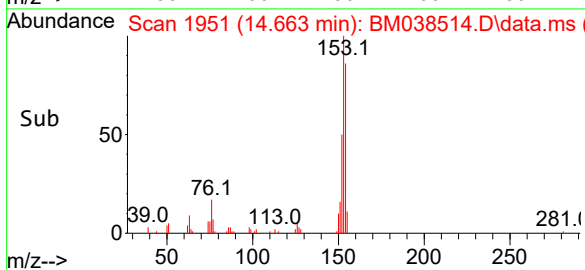
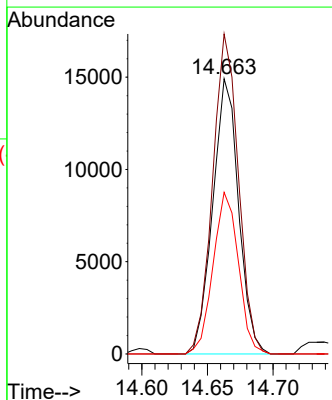
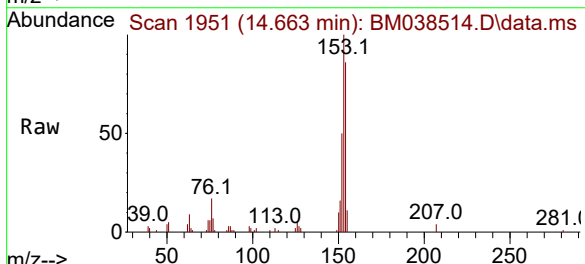
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

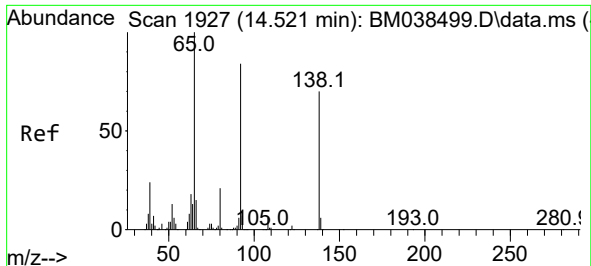
Tgt Ion:165 Resp: 4648
Ion Ratio Lower Upper
165 100
63 77.5 51.0 76.4#
89 87.3 50.2 75.4#



#52
Acenaphthene
Concen: 3.501 ng
RT: 14.663 min Scan# 1951
Delta R.T. -0.006 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

Tgt Ion:154 Resp: 20437
Ion Ratio Lower Upper
154 100
153 116.3 90.7 136.1
152 58.7 43.8 65.8





#53

3-Nitroaniline

Concen: 2.350 ng

RT: 14.522 min Scan# 1927

Delta R.T. 0.001 min

Lab File: BM038514.D

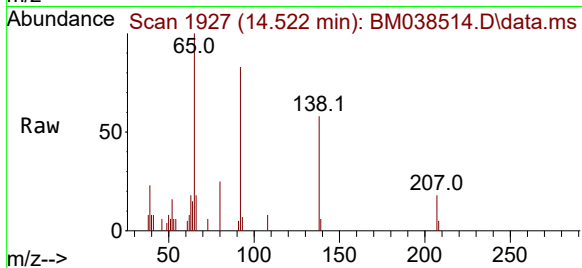
Acq: 23 Jan 2023 18:26

Instrument :

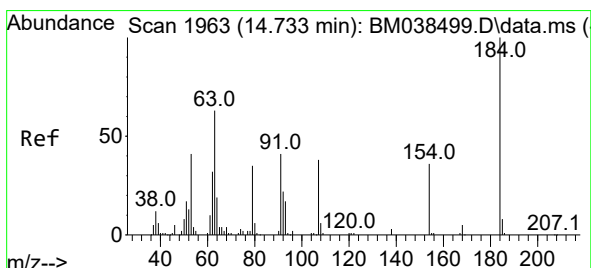
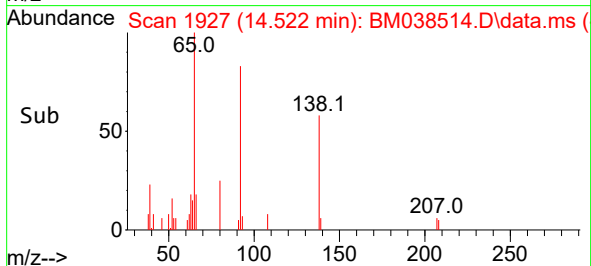
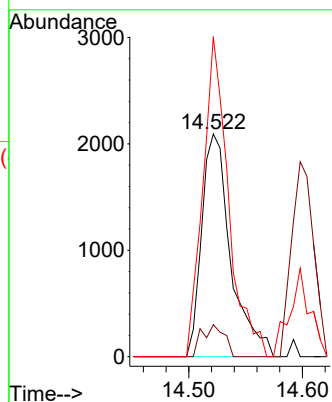
BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022



Tgt Ion:	138	Resp:	3702
Ion	Ratio	Lower	Upper
138	100		
108	14.4	7.0	10.4#
92	143.7	95.7	143.5#



#54

2,4-Dinitrophenol

Concen: 6.645 ng

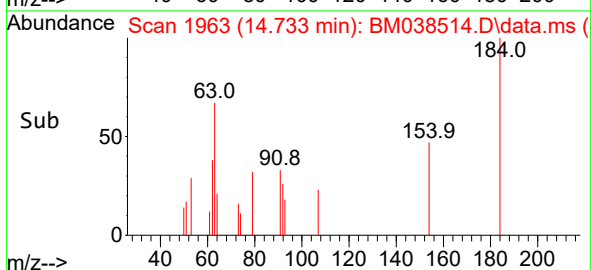
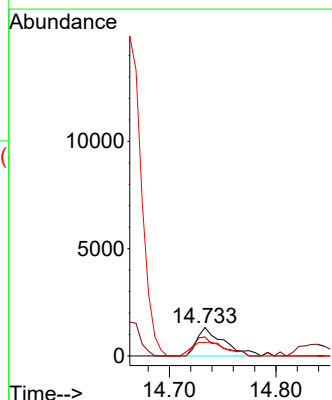
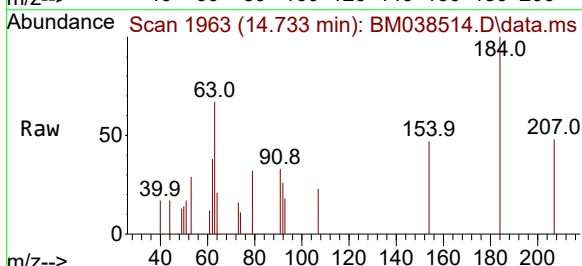
RT: 14.733 min Scan# 1963

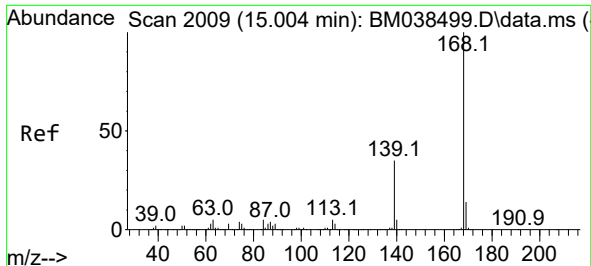
Delta R.T. 0.000 min

Lab File: BM038514.D

Acq: 23 Jan 2023 18:26

Tgt Ion:	184	Resp:	2347
Ion	Ratio	Lower	Upper
184	100		
63	66.7	52.2	78.4
154	47.4	48.9	73.3#

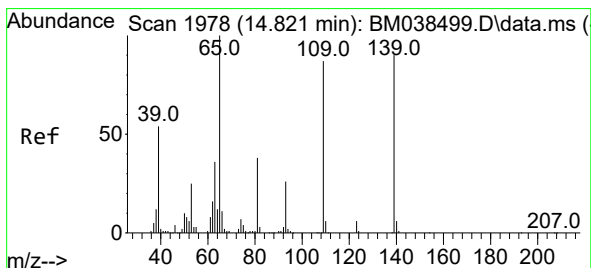
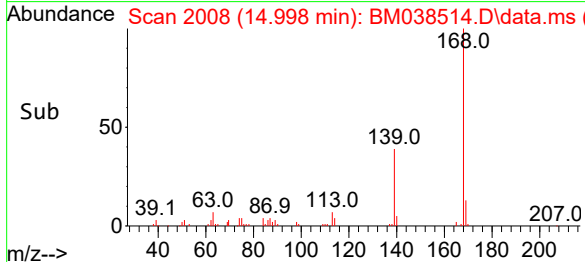
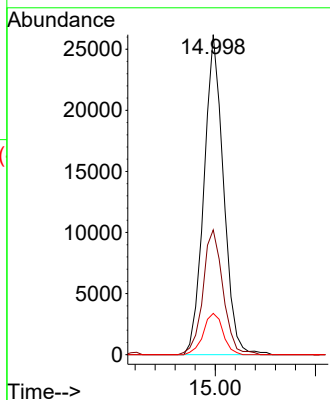
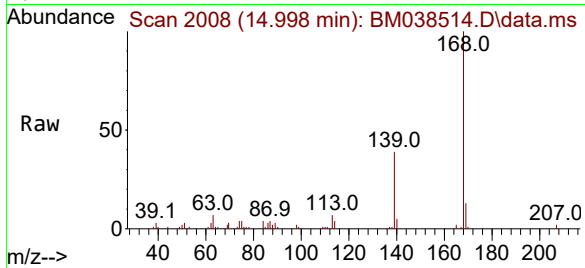




#55
Dibenzenofuran
Concen: 3.644 ng
RT: 14.998 min Scan# 20
Delta R.T. -0.006 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

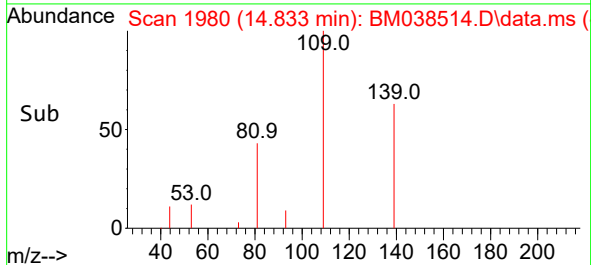
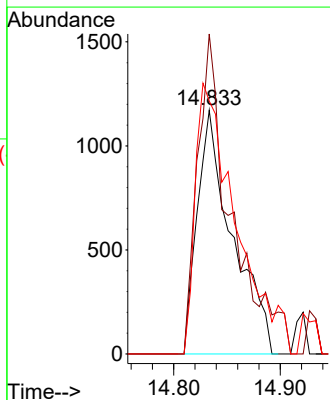
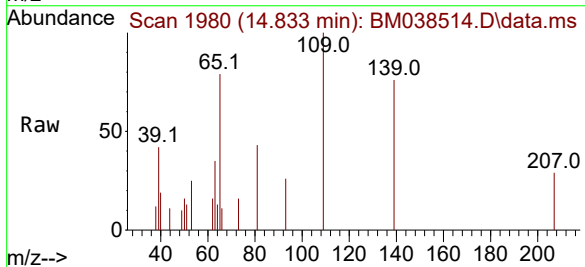
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

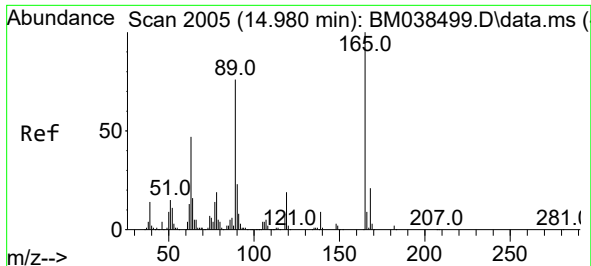
Tgt Ion:168 Resp: 35565
Ion Ratio Lower Upper
168 100
139 39.0 27.9 41.9
169 12.9 11.0 16.6



#56
4-Nitrophenol
Concen: 2.058 ng
RT: 14.833 min Scan# 1980
Delta R.T. 0.012 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

Tgt Ion:139 Resp: 2670
Ion Ratio Lower Upper
139 100
109 131.3 76.8 116.8#
65 103.8 91.7 131.7

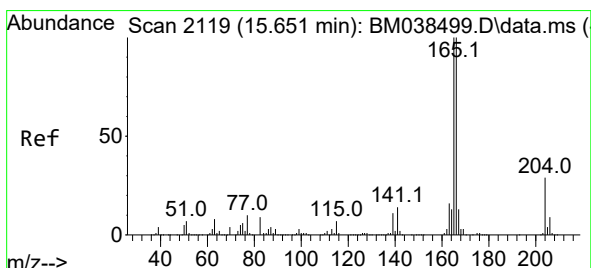
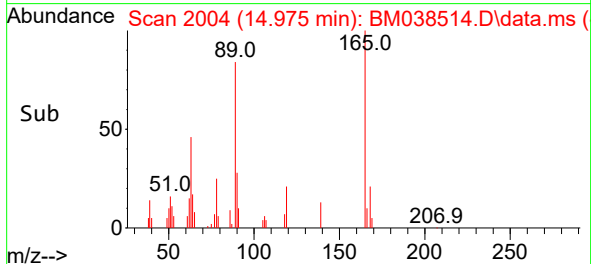
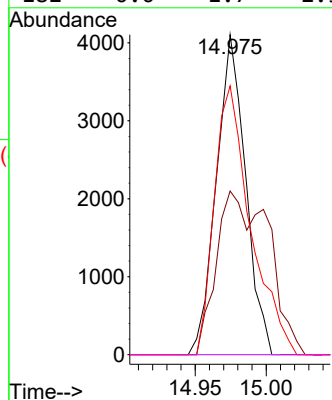
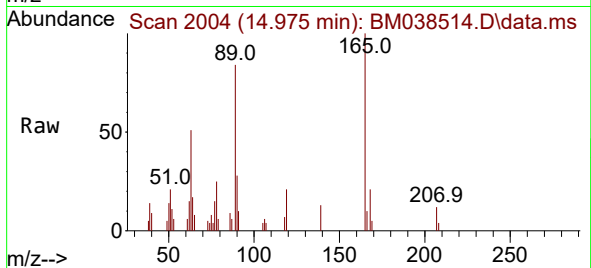




#57
2,4-Dinitrotoluene
Concen: 2.728 ng
RT: 14.975 min Scan# 20
Delta R.T. -0.005 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

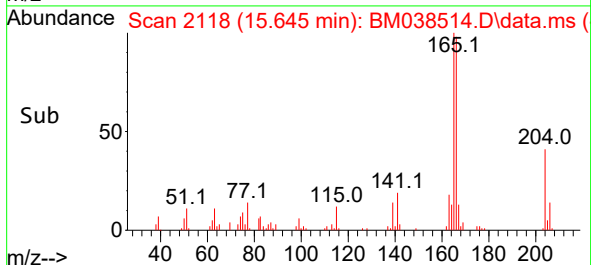
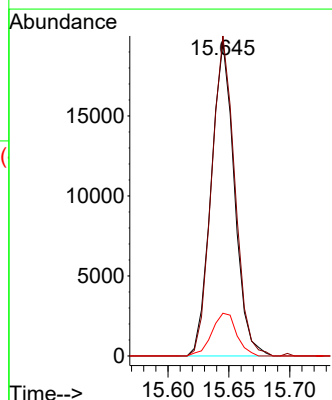
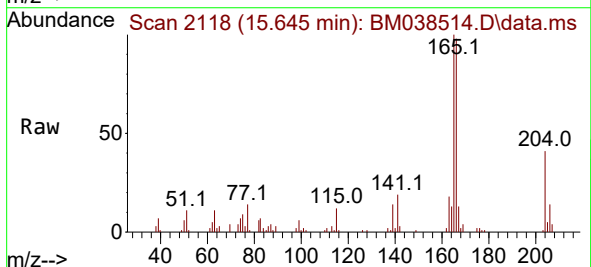
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

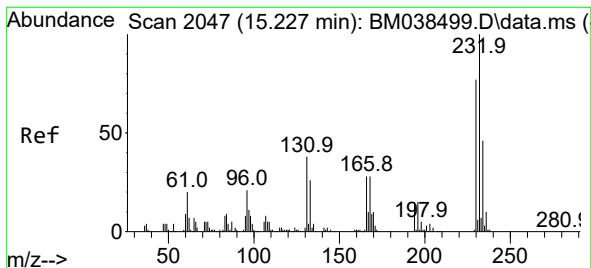
Tgt Ion:165 Resp: 5862
Ion Ratio Lower Upper
165 100
63 51.2 37.8 56.8
89 84.0 60.9 91.3
182 0.0 1.7 2.5#



#58
Fluorene
Concen: 3.288 ng
RT: 15.645 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

Tgt Ion:166 Resp: 26028
Ion Ratio Lower Upper
166 100
165 102.0 79.6 119.4
167 13.6 10.5 15.7

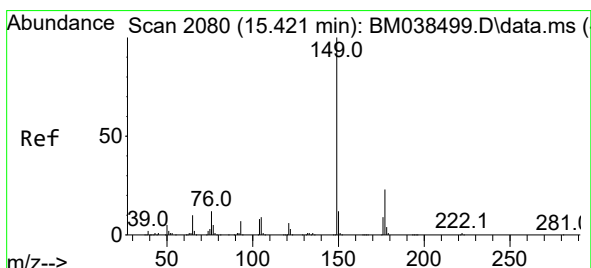
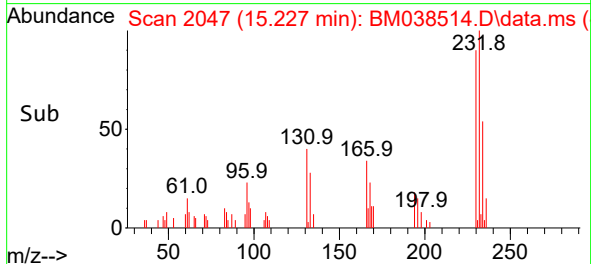
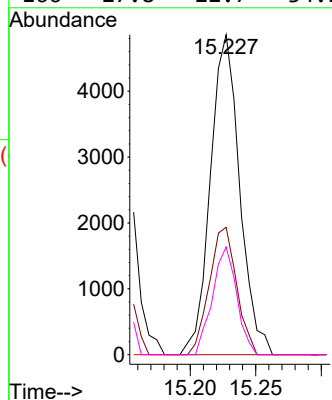
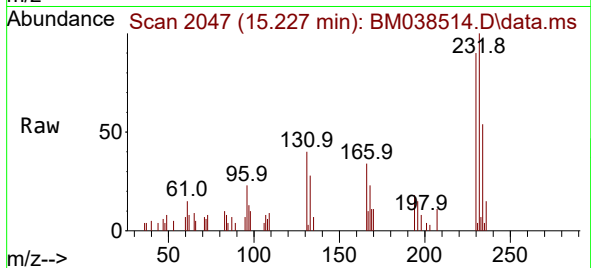




#59
2,3,4,6-Tetrachlorophenol
Concen: 3.343 ng
RT: 15.227 min Scan# 2047
Delta R.T. 0.000 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

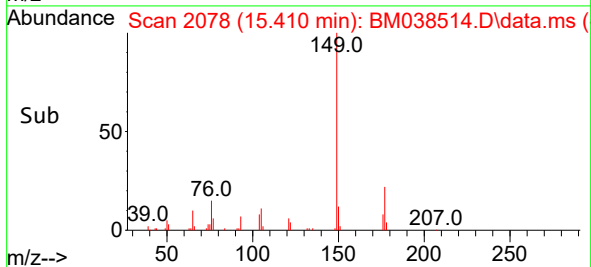
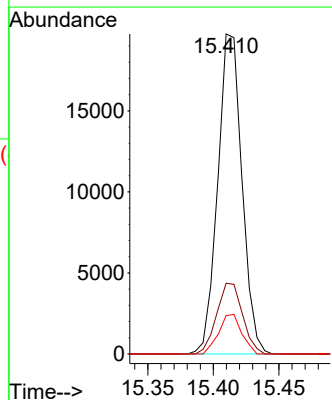
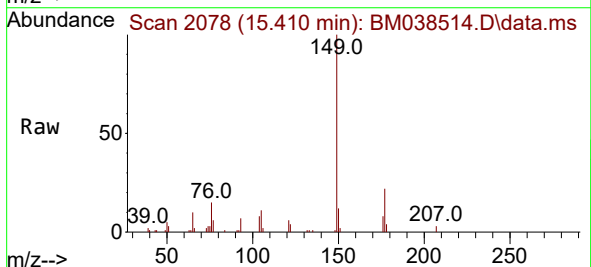
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

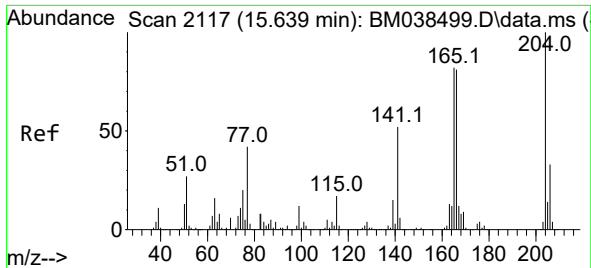
Tgt Ion:232	Resp:	7543
Ion Ratio	Lower	Upper
232	100	
131	37.2	31.0 46.4
130	0.0	1.8 2.6#
166	27.8	22.7 34.1



#60
Diethylphthalate
Concen: 3.440 ng
RT: 15.410 min Scan# 2078
Delta R.T. -0.012 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

Tgt Ion:149	Resp:	25377
Ion Ratio	Lower	Upper
149	100	
177	22.1	18.6 27.8
150	12.0	9.5 14.3

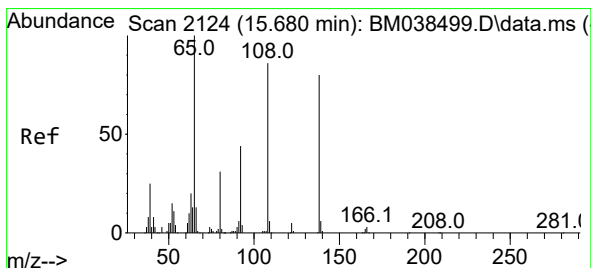
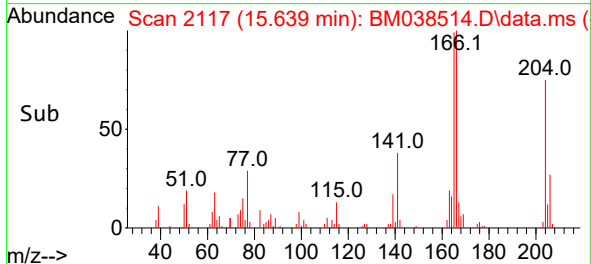
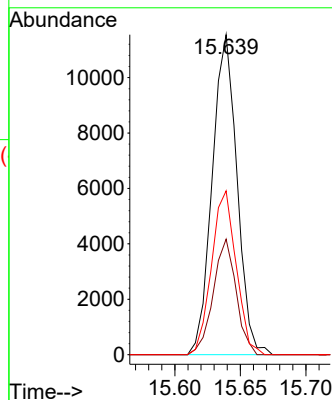
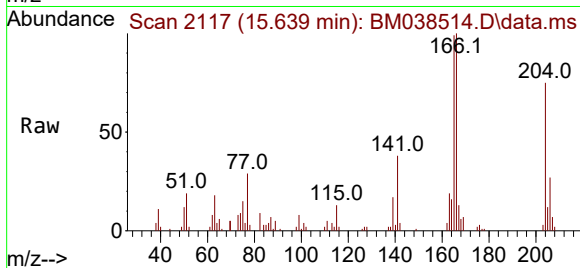




#61
4-Chlorophenyl-phenylether
Concen: 3.651 ng
RT: 15.639 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

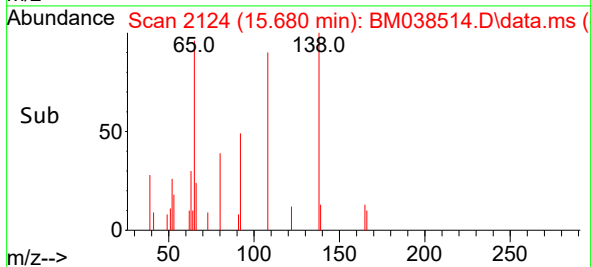
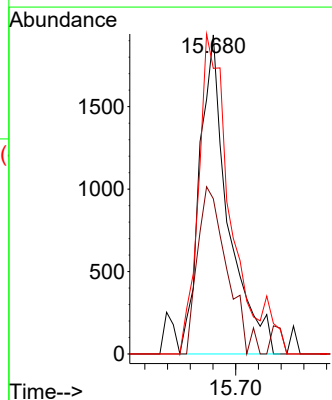
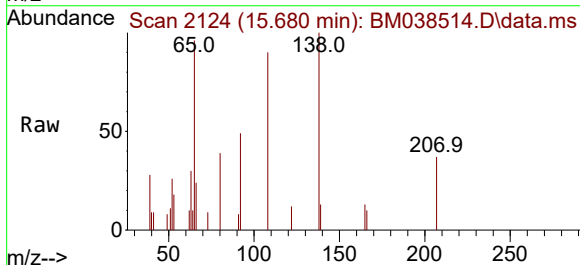
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

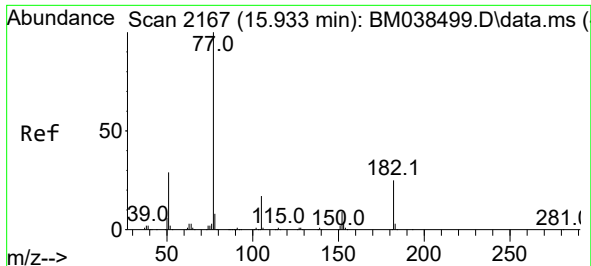
Tgt Ion:204 Resp: 15170
Ion Ratio Lower Upper
204 100
206 36.1 26.2 39.4
141 51.2 41.5 62.3



#62
4-Nitroaniline
Concen: 5.127 ng
RT: 15.680 min Scan# 2124
Delta R.T. 0.000 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

Tgt Ion:138 Resp: 3365
Ion Ratio Lower Upper
138 100
92 48.7 35.2 75.2
108 89.5 87.3 127.3

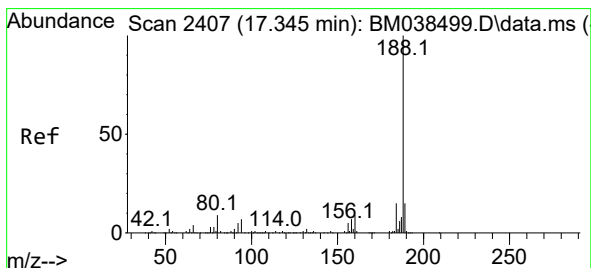
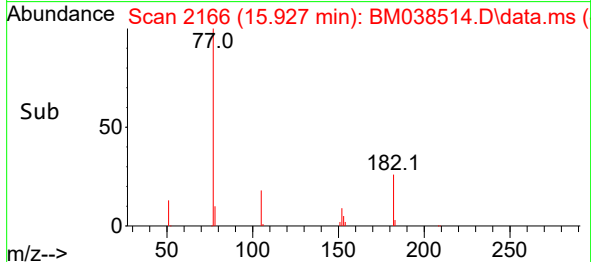
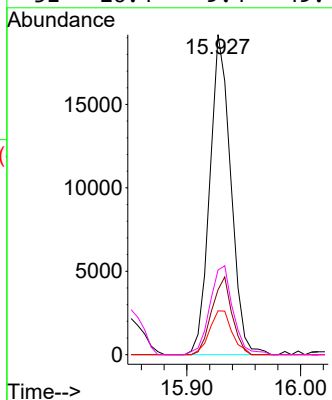
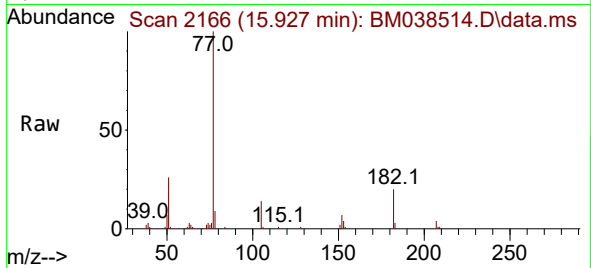




#63
Azobenzene
Concen: 3.159 ng
RT: 15.927 min Scan# 2166
Delta R.T. -0.006 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

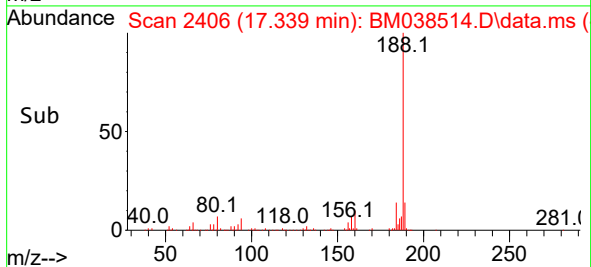
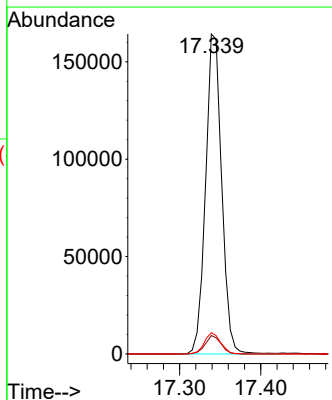
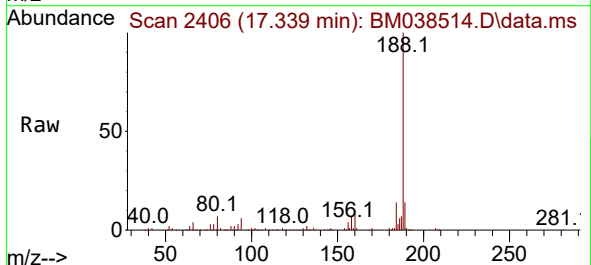
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

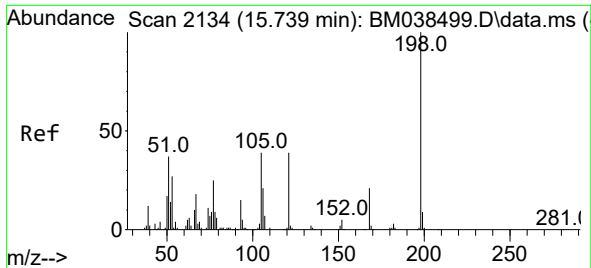
Tgt Ion: 77	Resp: 24690
Ion Ratio	Lower Upper
77 100	
182 20.3	4.7 44.7
105 13.7	0.0 36.7
51 26.4	9.4 49.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.339 min Scan# 2406
Delta R.T. -0.006 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

Tgt Ion: 188	Resp: 225669
Ion Ratio	Lower Upper
188 100	
94 5.7	6.0 9.0#
80 6.6	6.9 10.3#

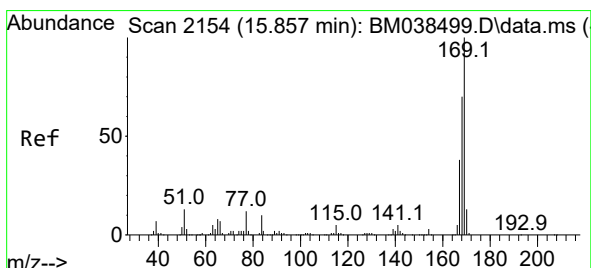
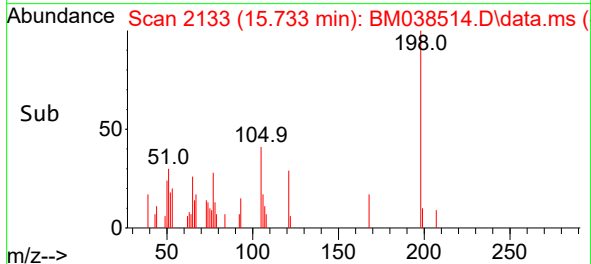
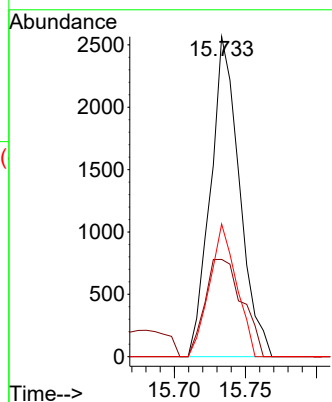
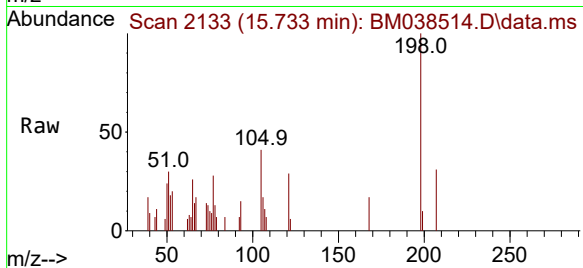




#65
 4,6-Dinitro-2-methylphenol
 Concen: 2.488 ng
 RT: 15.733 min Scan# 2133
 Delta R.T. -0.006 min
 Lab File: BM038514.D
 Acq: 23 Jan 2023 18:26

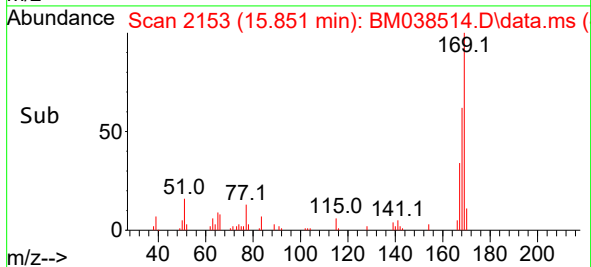
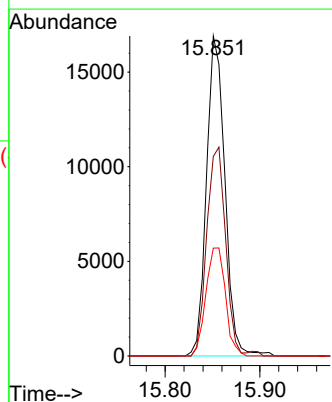
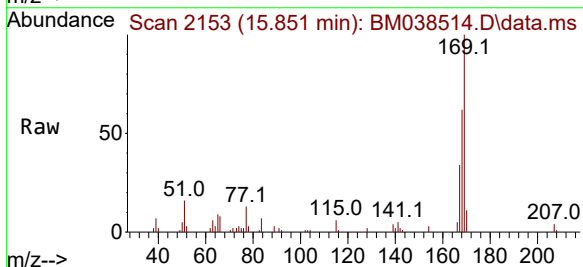
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2022

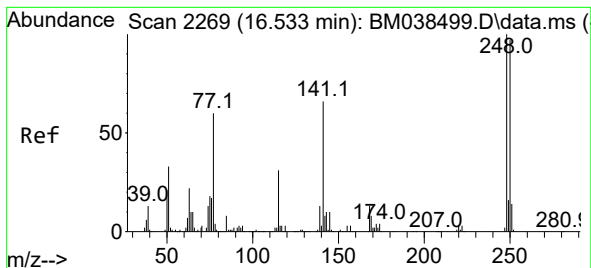
Tgt Ion	Ratio	Lower	Upper
198	100		
51	30.4	18.8	58.8
105	41.5	19.7	59.7



#66
 n-Nitrosodiphenylamine
 Concen: 3.368 ng
 RT: 15.851 min Scan# 2153
 Delta R.T. -0.006 min
 Lab File: BM038514.D
 Acq: 23 Jan 2023 18:26

Tgt Ion	Ratio	Lower	Upper
169	100		
168	62.3	55.8	83.8
167	33.7	30.3	45.5

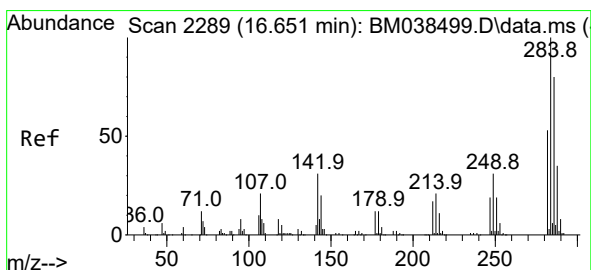
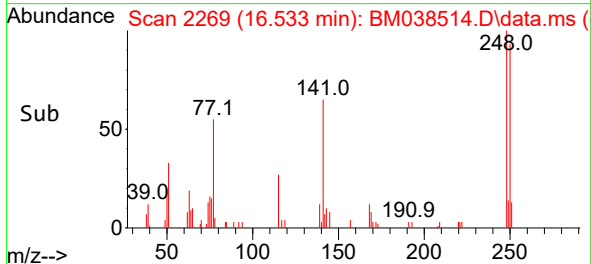
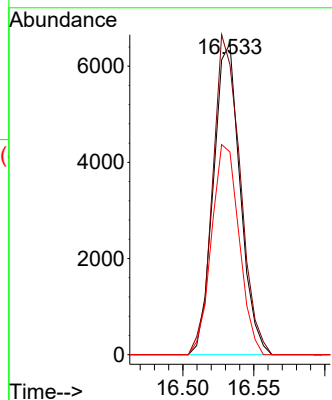
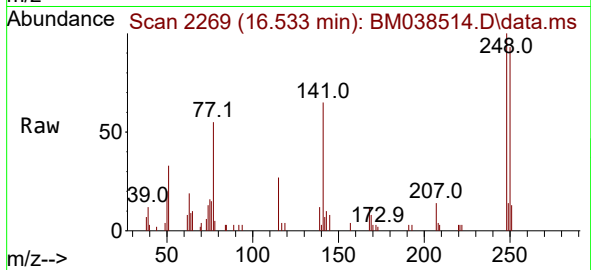




#67
4-Bromophenyl-phenylether
Concen: 3.392 ng
RT: 16.533 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

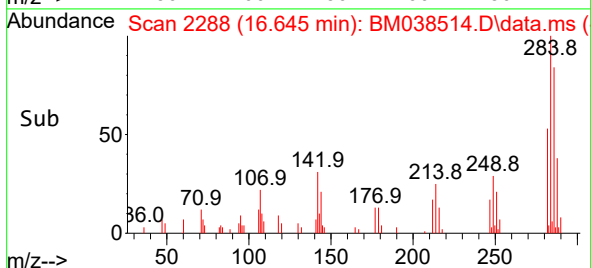
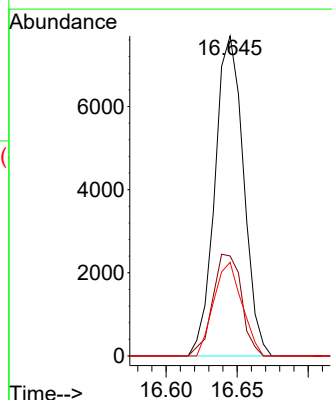
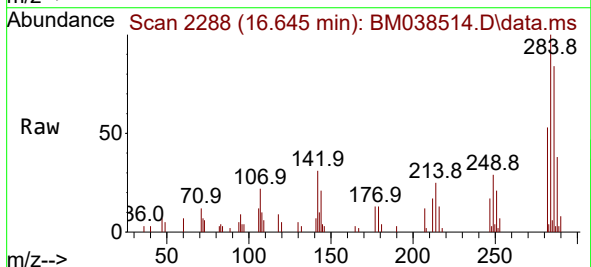
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

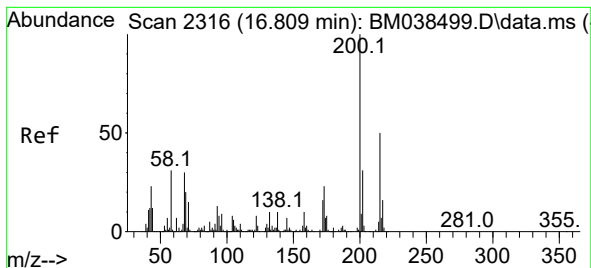
Tgt Ion:248 Resp: 8490
Ion Ratio Lower Upper
248 100
250 93.2 77.6 116.4
141 65.1 52.5 78.7



#68
Hexachlorobenzene
Concen: 3.991 ng
RT: 16.645 min Scan# 2288
Delta R.T. -0.006 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

Tgt Ion:284 Resp: 10779
Ion Ratio Lower Upper
284 100
142 31.2 25.2 37.8
249 29.2 24.4 36.6





#69

Atrazine

Concen: 3.426 ng

RT: 16.798 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM038514.D

Acq: 23 Jan 2023 18:26

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

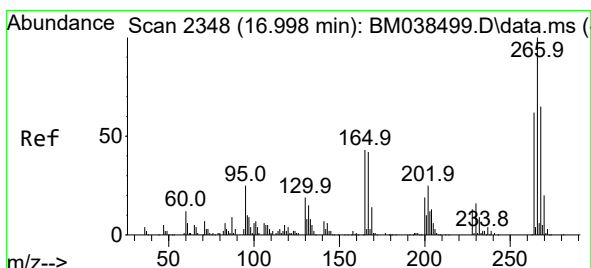
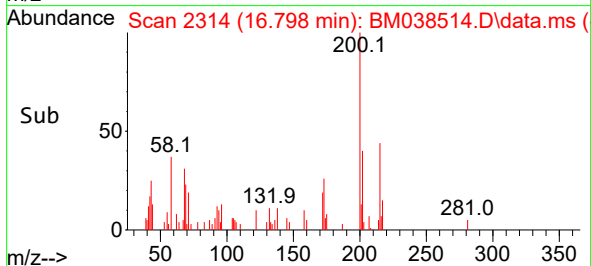
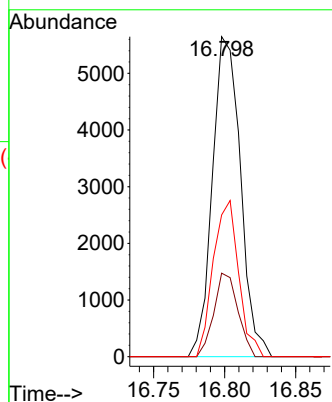
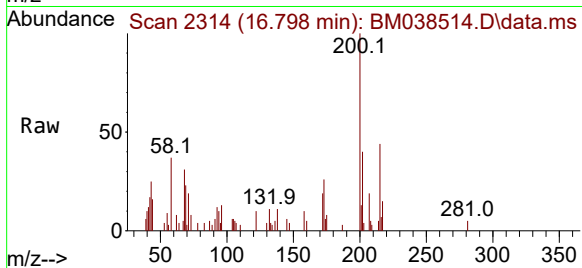
Tgt Ion:200 Resp: 7743

Ion Ratio Lower Upper

200 100

173 26.1 3.5 43.5

215 44.3 30.0 70.0



#70

Pentachlorophenol

Concen: 2.719 ng

RT: 16.992 min Scan# 2347

Delta R.T. -0.006 min

Lab File: BM038514.D

Acq: 23 Jan 2023 18:26

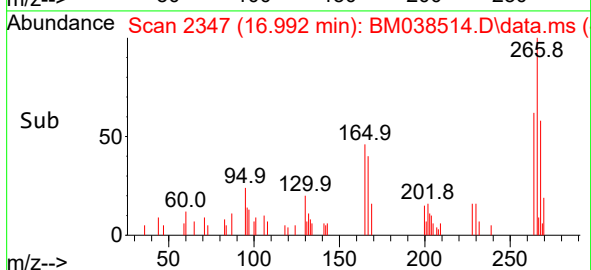
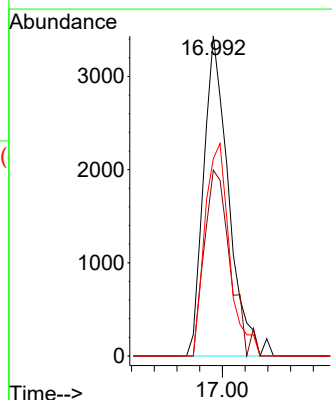
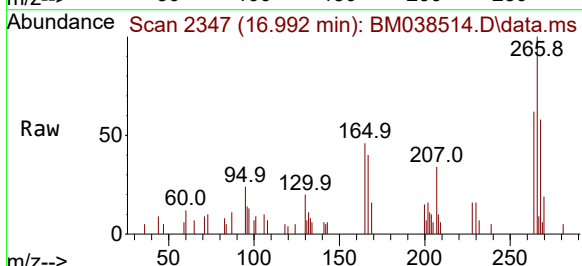
Tgt Ion:266 Resp: 5229

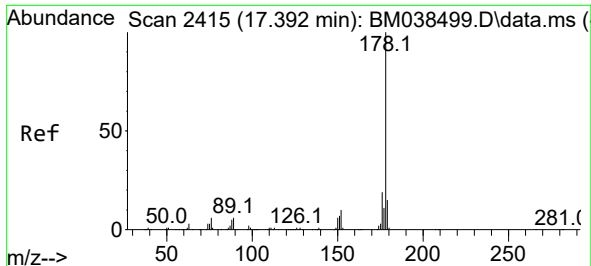
Ion Ratio Lower Upper

266 100

268 58.1 51.7 77.5

264 61.6 49.4 74.0

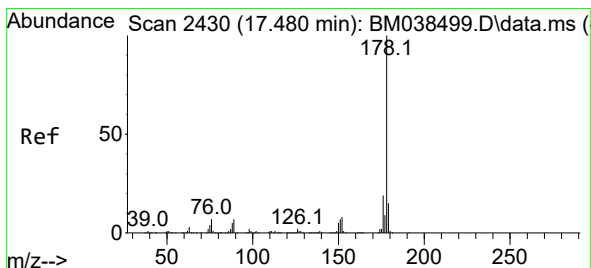
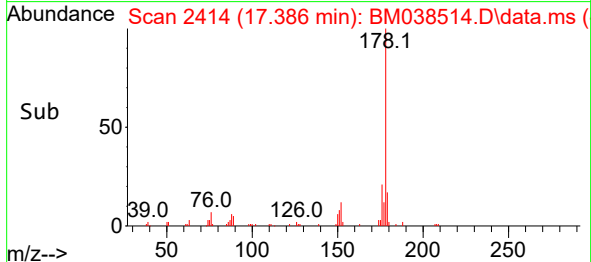
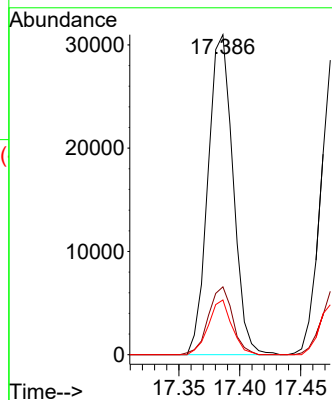
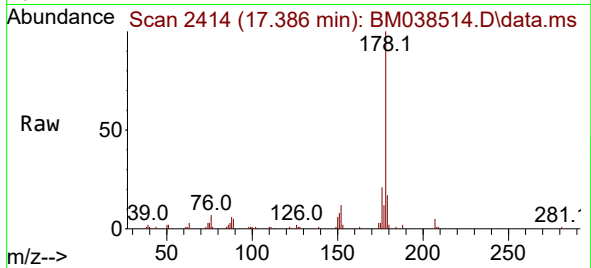




#71
Phenanthrene
Concen: 3.520 ng
RT: 17.386 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

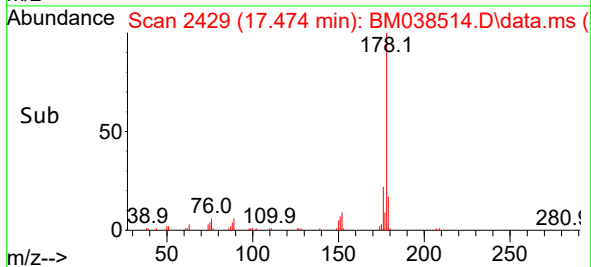
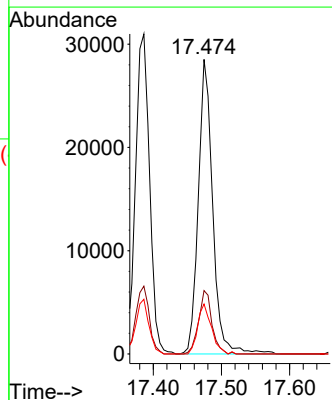
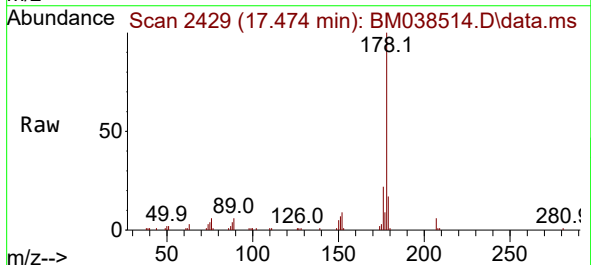
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

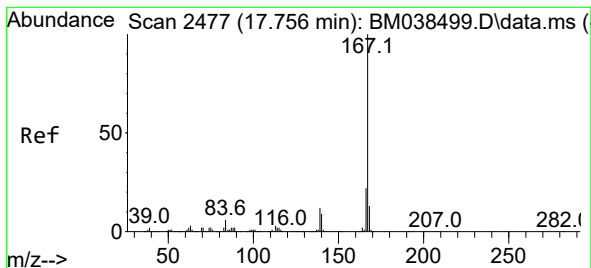
Tgt Ion:178 Resp: 44356
Ion Ratio Lower Upper
178 100
176 21.2 15.4 23.2
179 17.1 12.2 18.4



#72
Anthracene
Concen: 3.256 ng
RT: 17.474 min Scan# 2429
Delta R.T. -0.006 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

Tgt Ion:178 Resp: 41758
Ion Ratio Lower Upper
178 100
176 21.5 15.0 22.6
179 16.9 12.2 18.4





#73

Carbazole

Concen: 3.144 ng

RT: 17.751 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM038514.D

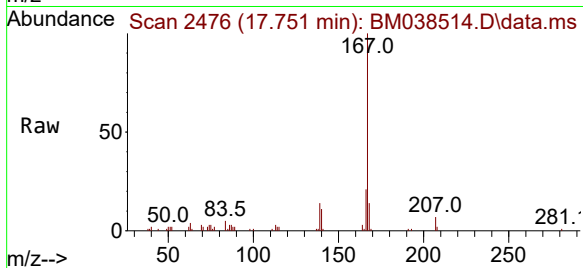
Acq: 23 Jan 2023 18:26

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022



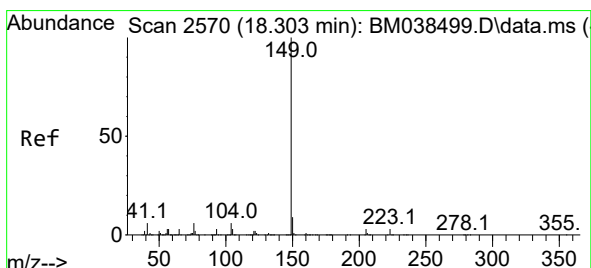
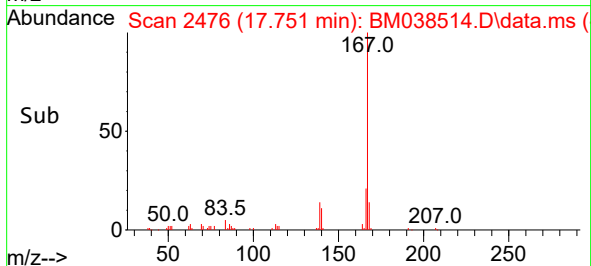
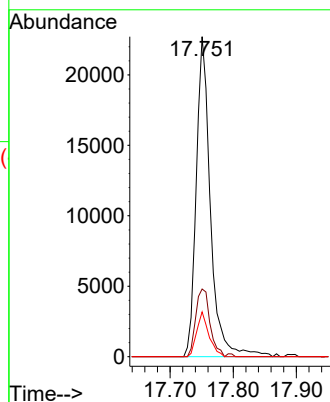
Tgt Ion:167 Resp: 35505

Ion Ratio Lower Upper

167 100

166 21.1 17.7 26.5

139 14.0 9.4 14.0



#74

Di-n-butylphthalate

Concen: 2.884 ng

RT: 18.298 min Scan# 2569

Delta R.T. -0.006 min

Lab File: BM038514.D

Acq: 23 Jan 2023 18:26

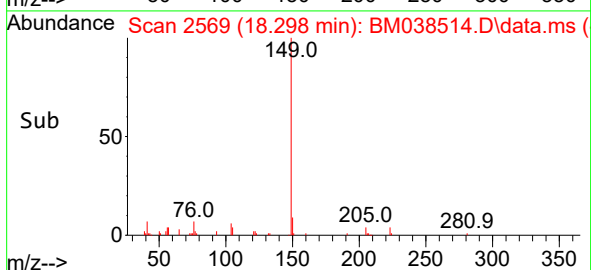
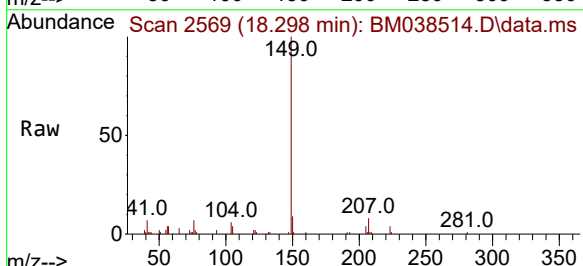
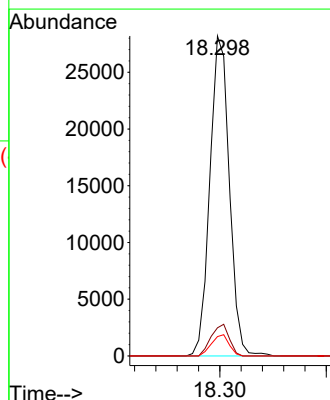
Tgt Ion:149 Resp: 35783

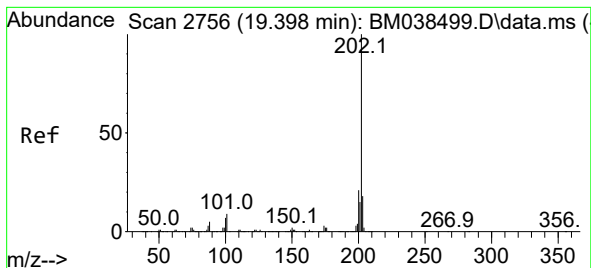
Ion Ratio Lower Upper

149 100

150 8.8 7.4 11.0

104 6.0 4.6 6.8





#75

Fluoranthene

Concen: 3.221 ng

RT: 19.398 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM038514.D

Acq: 23 Jan 2023 18:26

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

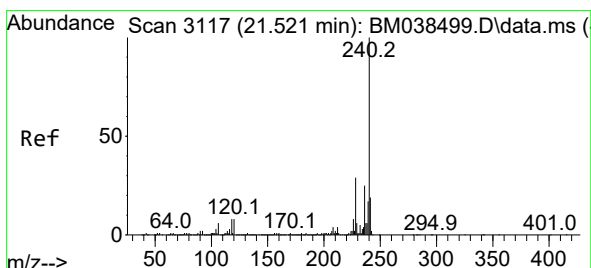
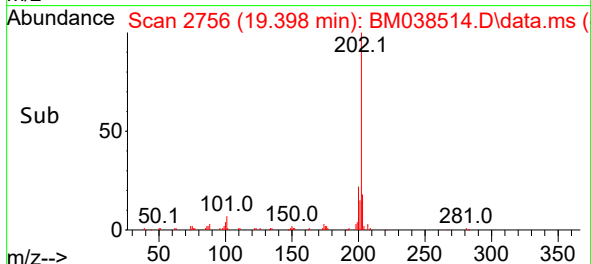
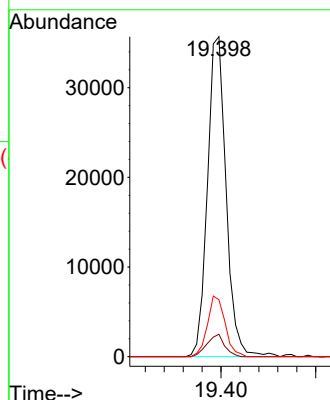
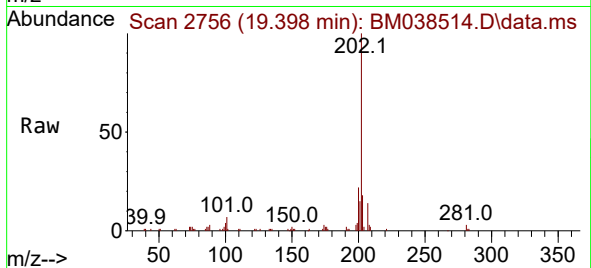
Tgt Ion:202 Resp: 48786

Ion Ratio Lower Upper

202 100

101 8.2 0.0 28.7

203 17.8 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.515 min Scan# 3116

Delta R.T. -0.006 min

Lab File: BM038514.D

Acq: 23 Jan 2023 18:26

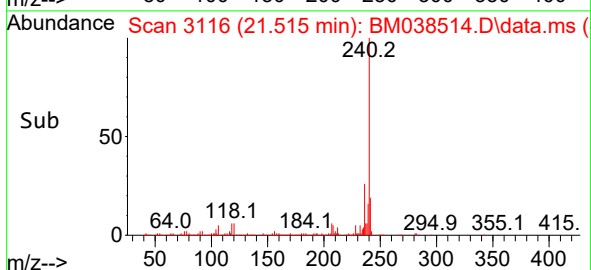
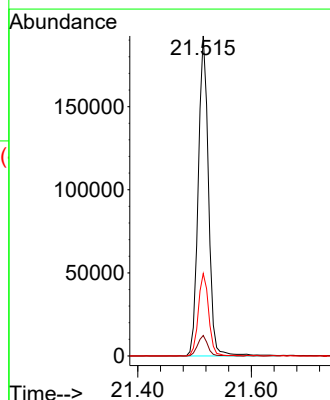
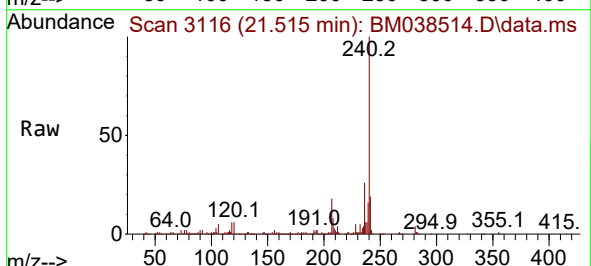
Tgt Ion:240 Resp: 242505

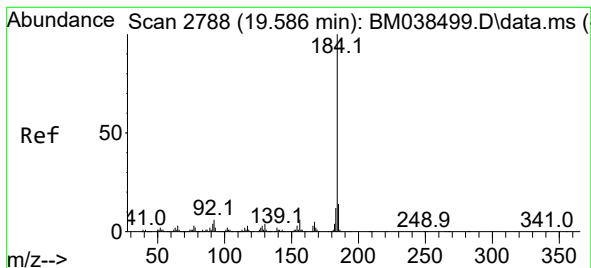
Ion Ratio Lower Upper

240 100

120 6.4 6.2 9.2

236 25.8 20.2 30.2





#77

Benzidine

Concen: 3.457 ng

RT: 19.586 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM038514.D

Acq: 23 Jan 2023 18:26

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

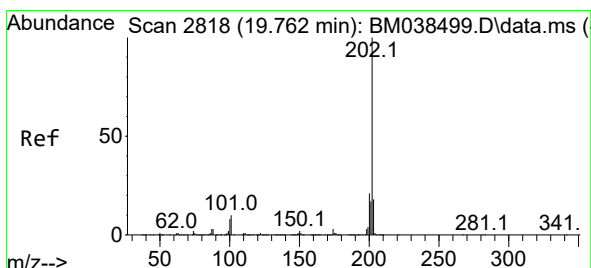
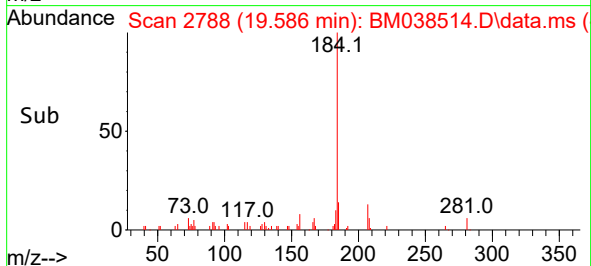
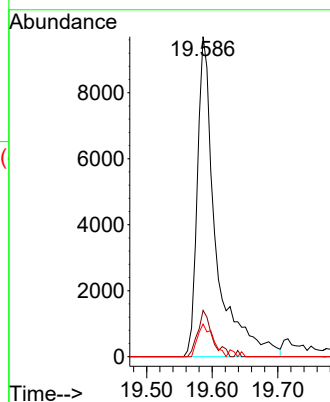
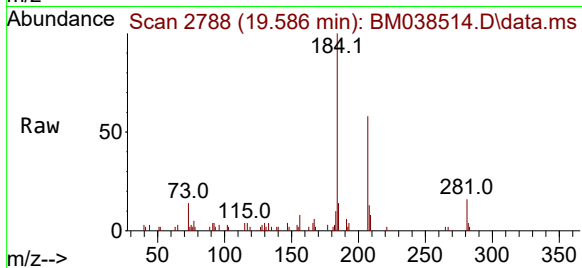
Tgt Ion:184 Resp: 19105

Ion Ratio Lower Upper

184 100

185 14.5 10.9 16.3

183 10.2 9.3 13.9



#78

Pyrene

Concen: 3.193 ng

RT: 19.757 min Scan# 2817

Delta R.T. -0.006 min

Lab File: BM038514.D

Acq: 23 Jan 2023 18:26

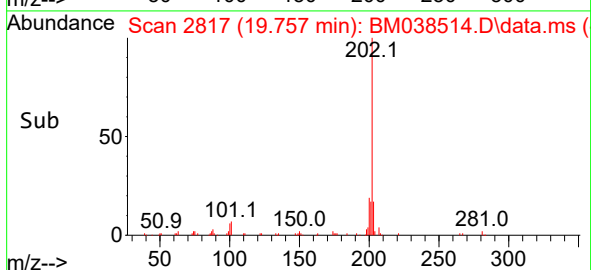
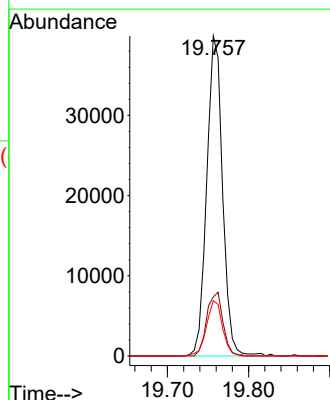
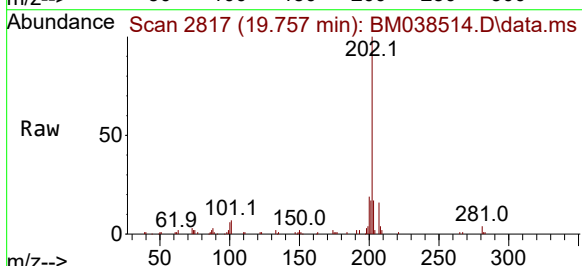
Tgt Ion:202 Resp: 53920

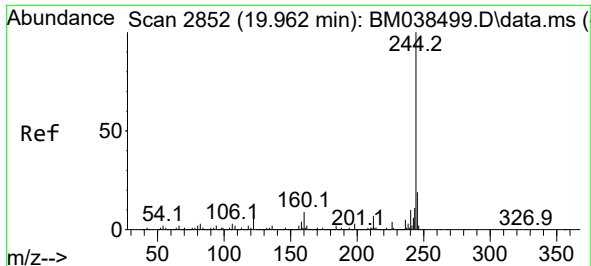
Ion Ratio Lower Upper

202 100

200 18.5 17.0 25.4

203 17.3 14.2 21.2

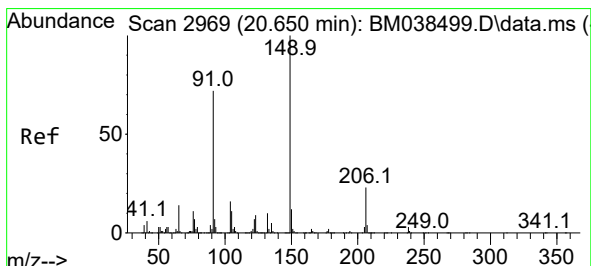
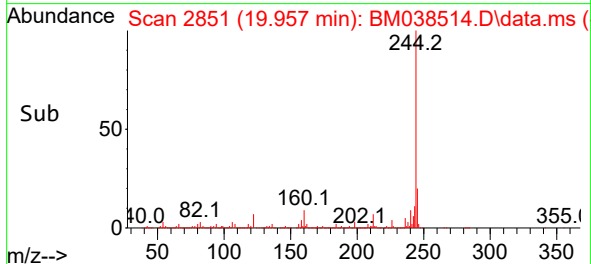
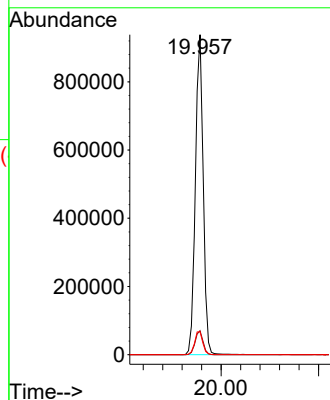
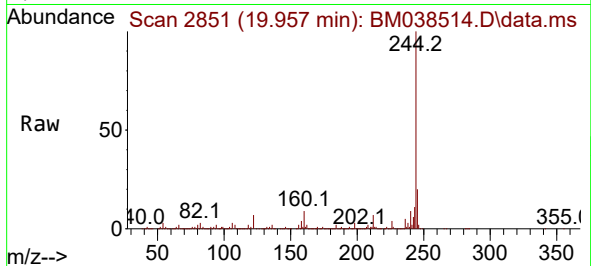




#79
 Terphenyl-d14
 Concen: 84.216 ng
 RT: 19.957 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM038514.D
 Acq: 23 Jan 2023 18:26

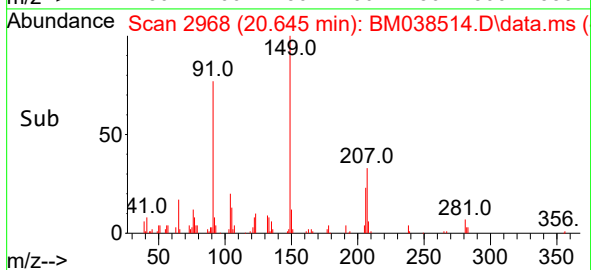
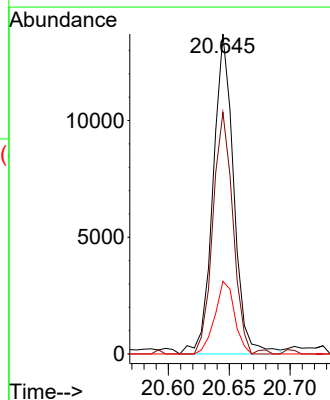
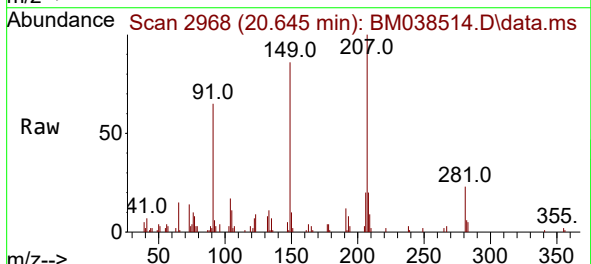
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2022

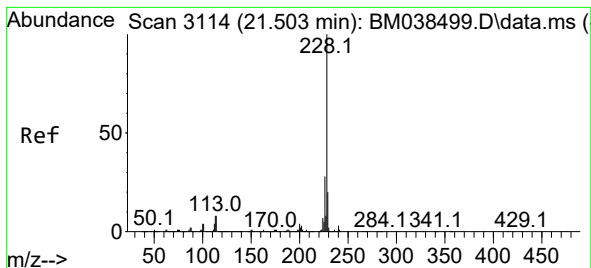
Tgt Ion:244 Resp: 1047582
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 7.2 6.7 10.1



#80
 Butylbenzylphthalate
 Concen: 2.778 ng
 RT: 20.645 min Scan# 2968
 Delta R.T. -0.006 min
 Lab File: BM038514.D
 Acq: 23 Jan 2023 18:26

Tgt Ion:149 Resp: 16221
 Ion Ratio Lower Upper
 149 100
 91 75.5 57.5 86.3
 206 22.7 18.2 27.2





#81

Benzo(a)anthracene

Concen: 3.590 ng

RT: 21.498 min Scan# 3114

Delta R.T. -0.006 min

Lab File: BM038514.D

Acq: 23 Jan 2023 18:26

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

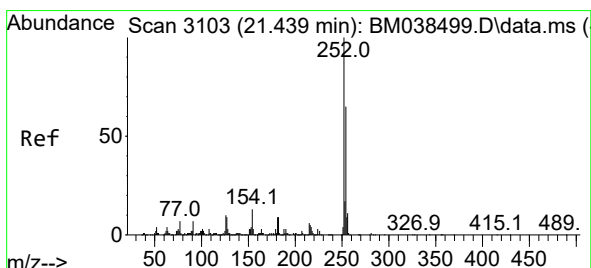
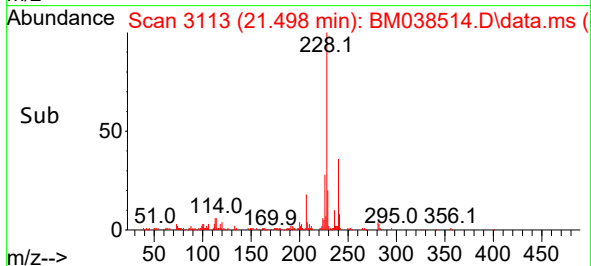
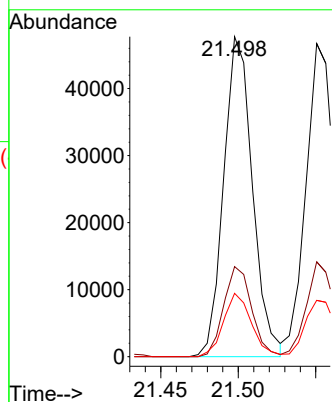
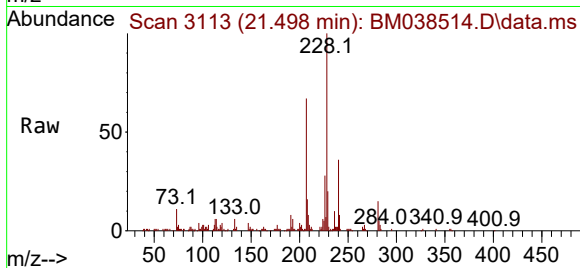
Tgt Ion:228 Resp: 61697

Ion Ratio Lower Upper

228 100

226 28.1 22.2 33.2

229 19.8 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 3.964 ng

RT: 21.433 min Scan# 3102

Delta R.T. -0.006 min

Lab File: BM038514.D

Acq: 23 Jan 2023 18:26

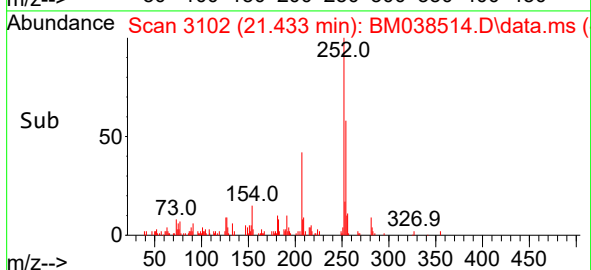
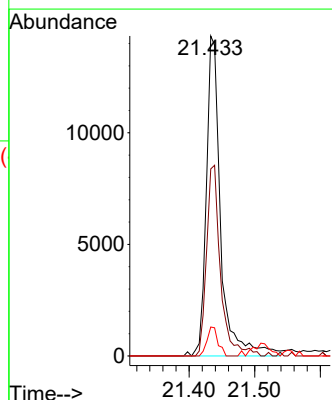
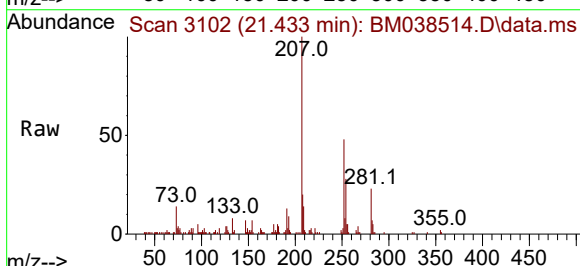
Tgt Ion:252 Resp: 21879

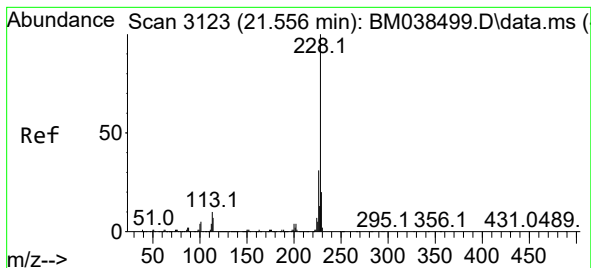
Ion Ratio Lower Upper

252 100

254 58.4 51.9 77.9

126 9.1 7.7 11.5





#83

Chrysene

Concen: 3.649 ng

RT: 21.551 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM038514.D

Acq: 23 Jan 2023 18:26

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

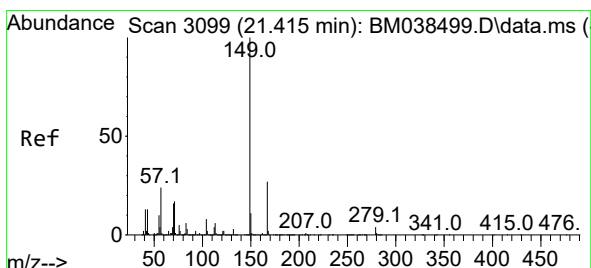
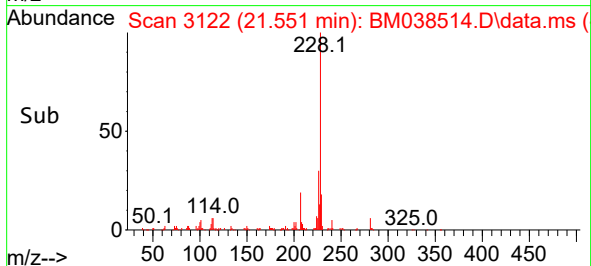
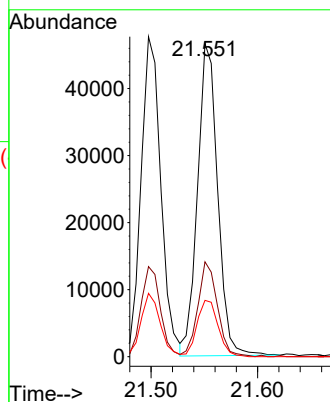
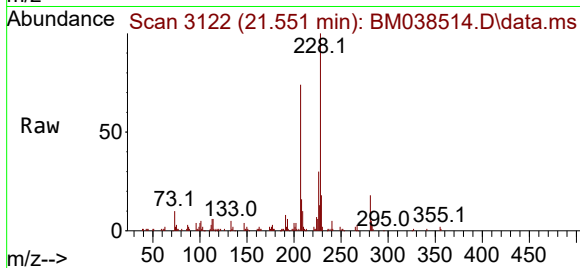
Tgt Ion:228 Resp: 61319

Ion Ratio Lower Upper

228 100

226 30.3 24.4 36.6

229 18.0 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.616 ng

RT: 21.415 min Scan# 3099

Delta R.T. 0.000 min

Lab File: BM038514.D

Acq: 23 Jan 2023 18:26

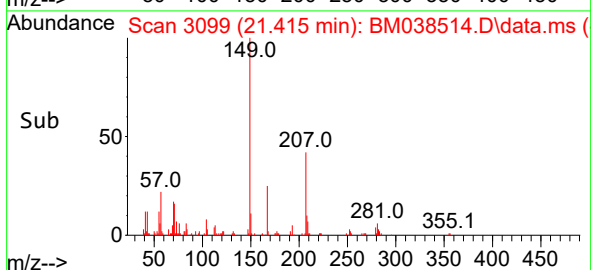
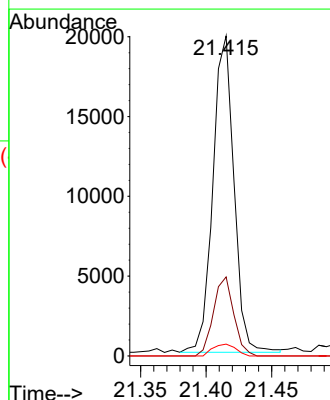
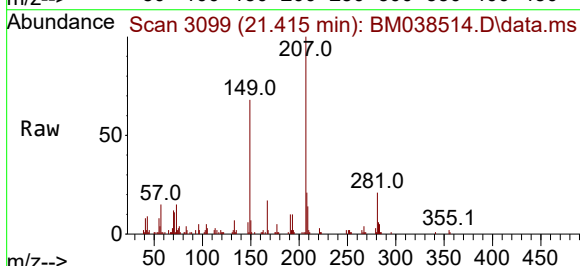
Tgt Ion:149 Resp: 22136

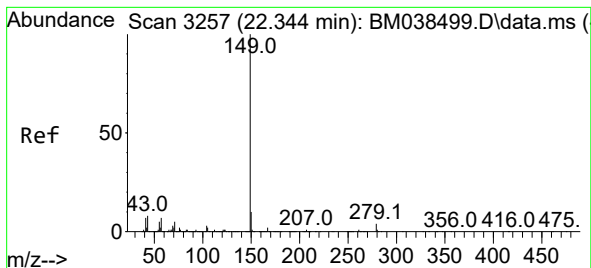
Ion Ratio Lower Upper

149 100

167 24.7 21.3 31.9

279 3.7 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 2.745 ng

RT: 22.339 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM038514.D

Acq: 23 Jan 2023 18:26

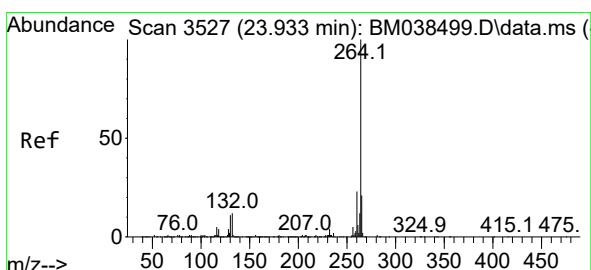
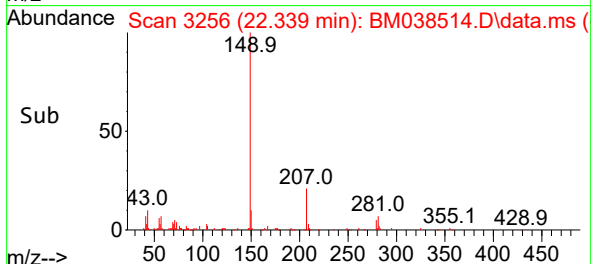
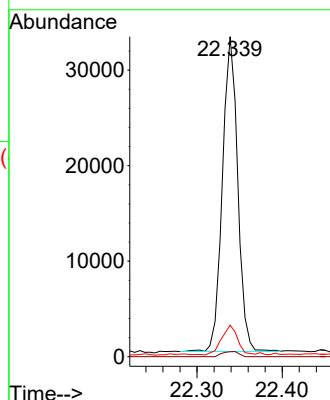
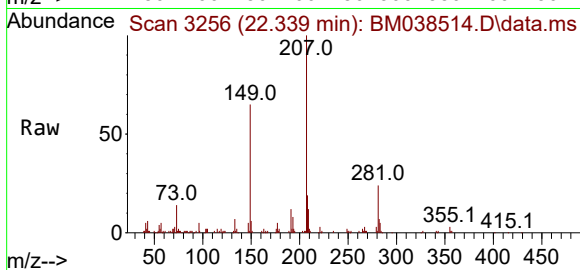
Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

Tgt Ion:149	Resp:	41307
Ion Ratio	Lower	Upper
149	100	
167	1.7	1.3 1.9
43	9.9	6.7 10.1



#86

Perylene-d12

Concen: 20.000 ng

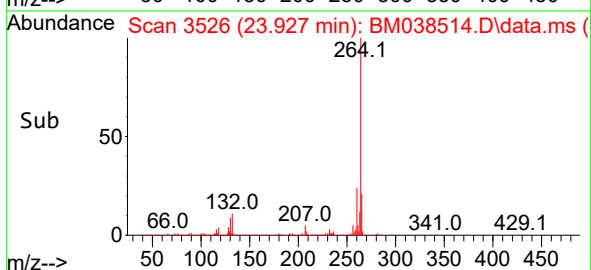
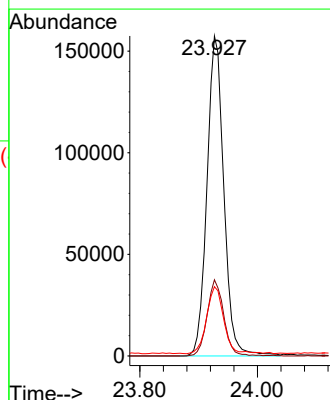
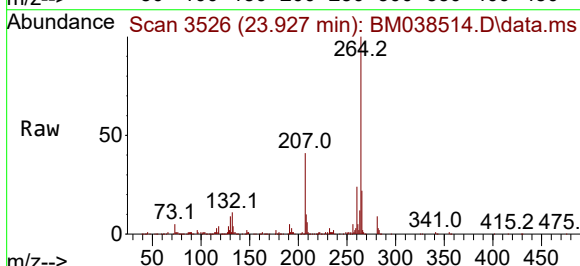
RT: 23.927 min Scan# 3526

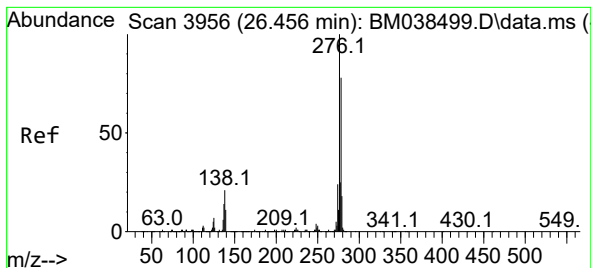
Delta R.T. -0.006 min

Lab File: BM038514.D

Acq: 23 Jan 2023 18:26

Tgt Ion:264	Resp:	314467
Ion Ratio	Lower	Upper
264	100	
260	23.8	18.5 27.7
265	21.7	17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.493 ng

RT: 26.444 min Scan# 3954

Delta R.T. -0.012 min

Lab File: BM038514.D

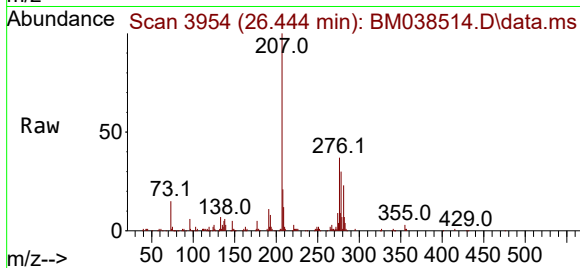
Acq: 23 Jan 2023 18:26

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022



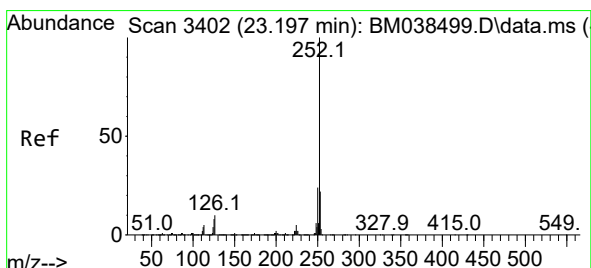
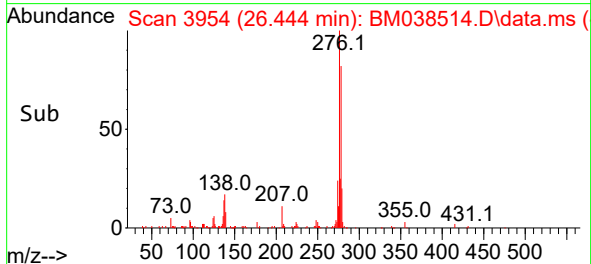
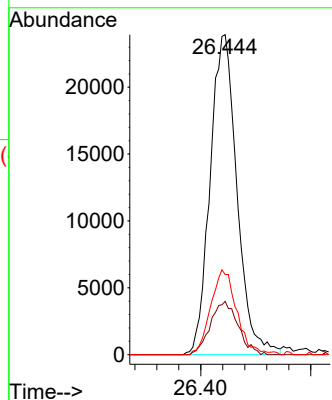
Tgt Ion:276 Resp: 81272

Ion Ratio Lower Upper

276 100

138 17.1 15.8 23.8

277 25.8 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 3.587 ng

RT: 23.192 min Scan# 3401

Delta R.T. -0.006 min

Lab File: BM038514.D

Acq: 23 Jan 2023 18:26

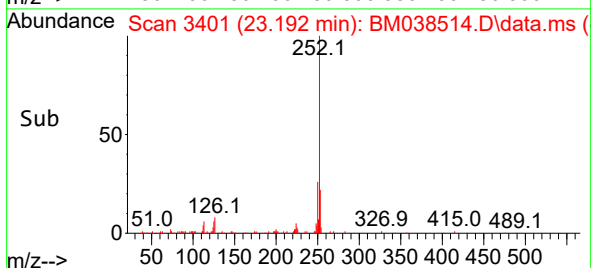
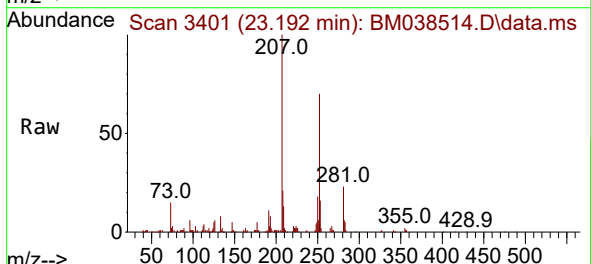
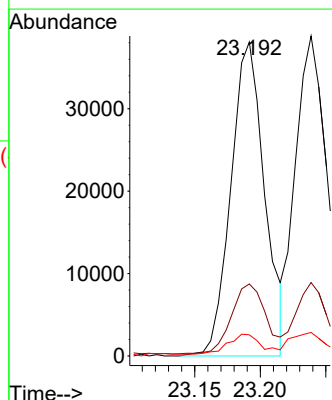
Tgt Ion:252 Resp: 68038

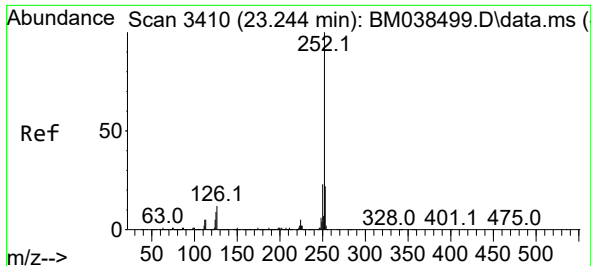
Ion Ratio Lower Upper

252 100

253 23.0 17.4 26.0

125 6.7 6.4 9.6

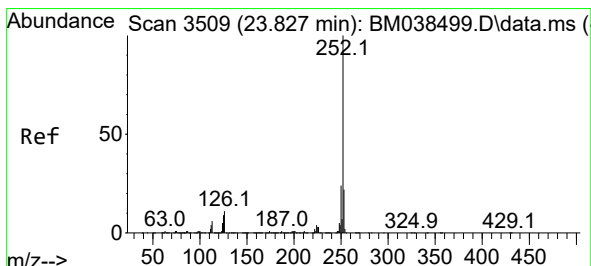
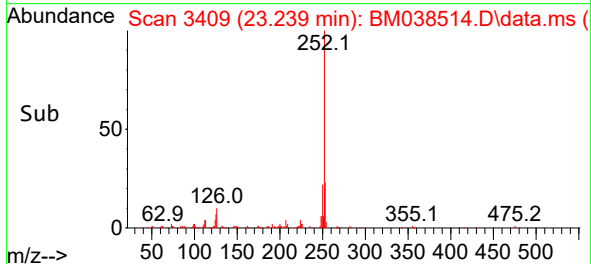
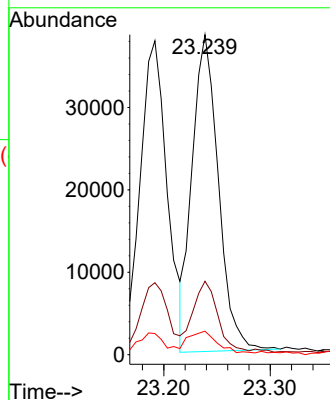
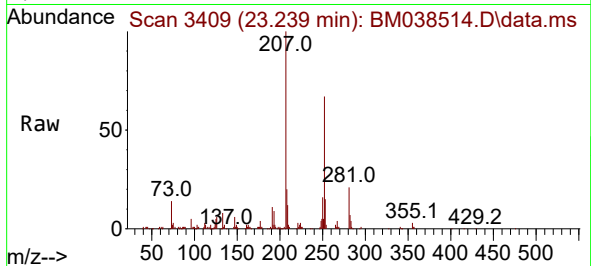




#89
Benzo(k)fluoranthene
Concen: 3.344 ng
RT: 23.239 min Scan# 3410
Delta R.T. -0.006 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

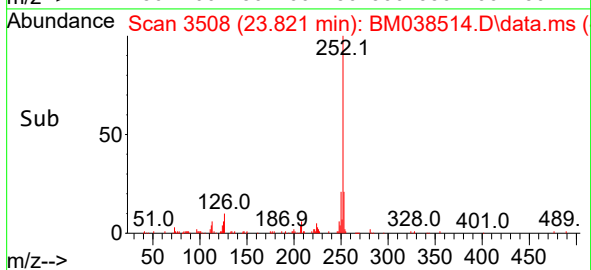
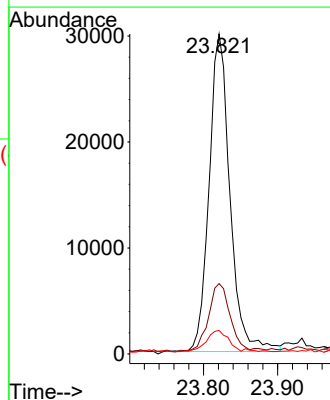
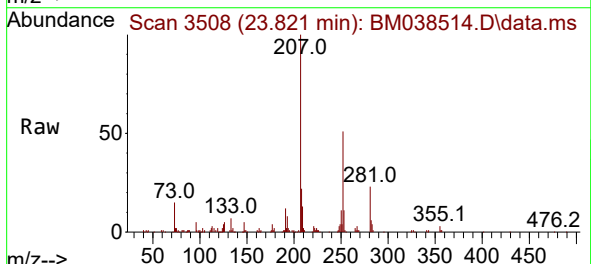
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

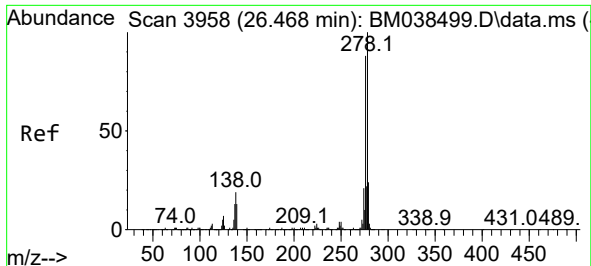
Tgt Ion:252 Resp: 65632
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.8
125 7.3 6.8 10.2



#90
Benzo(a)pyrene
Concen: 3.119 ng
RT: 23.821 min Scan# 3508
Delta R.T. -0.006 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

Tgt Ion:252 Resp: 58662
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 7.4 7.3 10.9

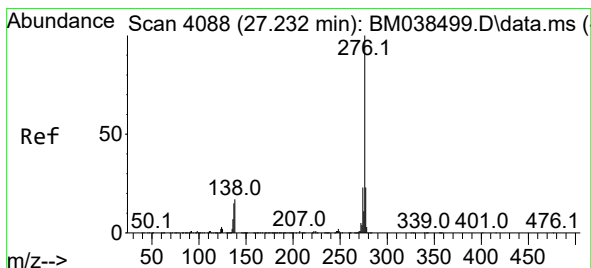
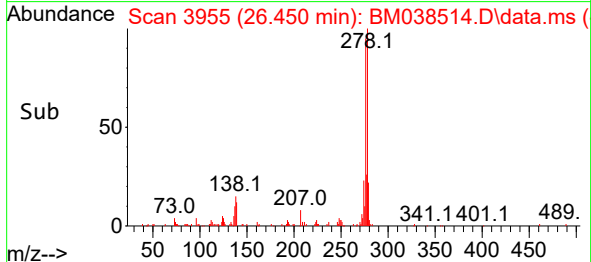
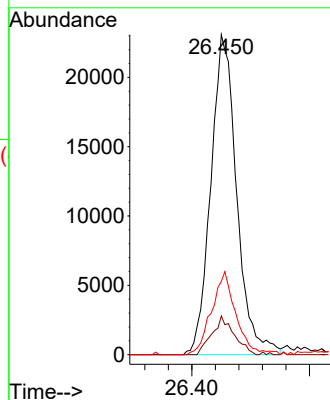
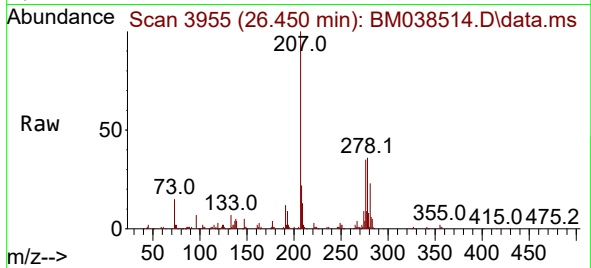




#91
Dibenzo(a,h)anthracene
Concen: 3.641 ng
RT: 26.450 min Scan# 3958
Delta R.T. -0.017 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

Tgt Ion:278 Resp: 70517
Ion Ratio Lower Upper
278 100
139 12.1 10.3 15.5
279 22.9 19.3 28.9



#92
Benzo(g,h,i)perylene
Concen: 3.717 ng
RT: 27.215 min Scan# 4085
Delta R.T. -0.017 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

Tgt Ion:276 Resp: 73738
Ion Ratio Lower Upper
276 100
277 24.6 18.8 28.2
138 17.2 13.8 20.8

