

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012323\
 Data File : BM038516.D
 Acq On : 23 Jan 2023 19:40
 Operator : CG/JU
 Sample : N4955-07
 Misc : LOD-MDL-WATER 8ppm
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Jan 24 05:16:42 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	7.969	152	53963	20.000	ng	0.00
21) Naphthalene-d8	10.775	136	178475	20.000	ng	0.00
39) Acenaphthene-d10	14.604	164	114320	20.000	ng	0.00
64) Phenanthrene-d10	17.339	188	269052	20.000	ng	0.00
76) Chrysene-d12	21.515	240	296895	20.000	ng	0.00
86) Perylene-d12	23.933	264	375160	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	390017	119.480	ng	0.00
7) Phenol-d6	7.128	99	491308	117.965	ng	0.00
23) Nitrobenzene-d5	9.140	82	318662	77.534	ng	0.00
42) 2,4,6-Tribromophenol	16.086	330	226202	137.405	ng	0.00
45) 2-Fluorobiphenyl	13.228	172	721240	77.715	ng	0.00
79) Terphenyl-d14	19.957	244	1190035	78.142	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.375	88	11902	7.774	ng	97
3) Pyridine	3.805	79	25178	6.261	ng	98
4) n-Nitrosodimethylamine	3.705	42	14325	7.504	ng	# 85
6) Aniline	7.299	93	37808	7.313	ng	92
8) 2-Chlorophenol	7.528	128	26775	8.029	ng	94
9) Benzaldehyde	7.110	77	27780	11.245	ng	94
10) Phenol	7.157	94	33642	8.084	ng	92
11) bis(2-Chloroethyl)ether	7.393	93	25634	7.807	ng	98
12) 1,3-Dichlorobenzene	7.851	146	30674	8.091	ng	97
13) 1,4-Dichlorobenzene	8.004	146	30638	7.998	ng	97
14) 1,2-Dichlorobenzene	8.322	146	30596	8.246	ng	98
15) Benzyl Alcohol	8.216	79	23190	7.447	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.504	45	28410	8.239	ng	98
17) 2-Methylphenol	8.416	107	20021	6.797	ng	94
18) Hexachloroethane	9.045	117	11969	8.405	ng	94
19) n-Nitroso-di-n-propyla...	8.775	70	21063	7.265	ng	96
20) 3+4-Methylphenols	8.745	107	26776	6.783	ng	95
22) Acetophenone	8.798	105	40593	8.256	ng	# 94
24) Nitrobenzene	9.181	77	35639	8.570	ng	93
25) Isophorone	9.704	82	52833	7.790	ng	99
26) 2-Nitrophenol	9.892	139	11437	6.929	ng	95
27) 2,4-Dimethylphenol	9.951	122	18762	6.830	ng	90
28) bis(2-Chloroethoxy)met...	10.187	93	31821	8.020	ng	99
29) 2,4-Dichlorophenol	10.428	162	23854	7.401	ng	98
30) 1,2,4-Trichlorobenzene	10.639	180	30073	8.159	ng	99
31) Naphthalene	10.828	128	73471	7.578	ng	98
32) Benzoic acid	10.034	122	8252	8.979	ng	98
33) 4-Chloroaniline	10.945	127	28774	7.110	ng	95
34) Hexachlorobutadiene	11.098	225	20583	8.490	ng	97
35) Caprolactam	11.728	113	4925	6.303	ng	# 87
36) 4-Chloro-3-methylphenol	12.063	107	22053	7.525	ng	97
37) 2-Methylnaphthalene	12.433	142	50346	7.225	ng	97
38) 1-Methylnaphthalene	12.433	142	50346	7.661	ng	96
40) 1,2,4,5-Tetrachloroben...	12.798	216	35322	8.214	ng	98
41) Hexachlorocyclopentadiene	12.769	237	18212	7.705	ng	98
43) 2,4,6-Trichlorophenol	13.039	196	20615	7.489	ng	96

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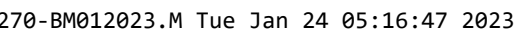
Instrument :
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 ClientSampleId :
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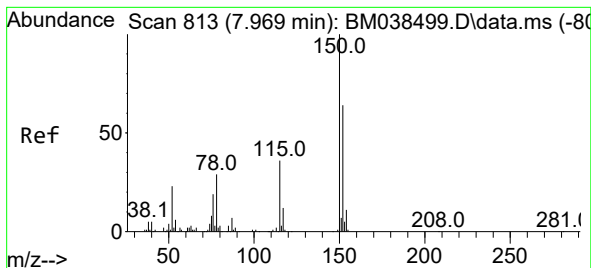
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.116	196	22383	6.942	ng	88
46) 1,1'-Biphenyl	13.439	154	71674	7.829	ng	97
47) 2-Chloronaphthalene	13.480	162	56112	7.851	ng	99
48) 2-Nitroaniline	13.698	65	14243	6.786	ng	91
49) Acenaphthylene	14.327	152	80264	7.178	ng	98
50) Dimethylphthalate	14.057	163	66480	7.554	ng	99
51) 2,6-Dinitrotoluene	14.186	165	12337	6.662	ng	95
52) Acenaphthene	14.663	154	50399	7.390	ng	94
53) 3-Nitroaniline	14.516	138	10963	5.957	ng	97
54) 2,4-Dinitrophenol	14.727	184	7095	9.463	ng	99
55) Dibenzofuran	14.998	168	87661	7.689	ng	99
56) 4-Nitrophenol	14.822	139	7830	5.166	ng	90
57) 2,4-Dinitrotoluene	14.975	165	17180	6.843	ng	# 89
58) Fluorene	15.645	166	67913	7.346	ng	93
59) 2,3,4,6-Tetrachlorophenol	15.227	232	19139	7.262	ng	98
60) Diethylphthalate	15.416	149	62971	7.307	ng	98
61) 4-Chlorophenyl-phenyle...	15.639	204	37695	7.766	ng	96
62) 4-Nitroaniline	15.674	138	11172	8.296	ng	87
63) Azobenzene	15.927	77	66424	7.275	ng	98
65) 4,6-Dinitro-2-methylph...	15.733	198	10521	6.024	ng	94
66) n-Nitrosodiphenylamine	15.851	169	58048	7.187	ng	99
67) 4-Bromophenyl-phenylether	16.533	248	22271	7.463	ng	96
68) Hexachlorobenzene	16.645	284	27460	8.527	ng	97
69) Atrazine	16.804	200	20560	7.630	ng	96
70) Pentachlorophenol	16.992	266	14105	6.151	ng	94
71) Phenanthrene	17.386	178	113171	7.532	ng	100
72) Anthracene	17.474	178	109518	7.163	ng	99
73) Carbazole	17.751	167	97124	7.214	ng	98
74) Di-n-butylphthalate	18.298	149	96662	6.535	ng	100
75) Fluoranthene	19.398	202	133882	7.414	ng	98
77) Benzidine	19.586	184	57326	8.473	ng	98
78) Pyrene	19.757	202	143203	6.927	ng	97
80) Butylbenzylphthalate	20.645	149	45289	6.335	ng	94
81) Benzo(a)anthracene	21.498	228	162443	7.722	ng	99
82) 3,3'-Dichlorobenzidine	21.433	252	58938	8.722	ng	# 99
83) Chrysene	21.551	228	160722	7.812	ng	99
84) Bis(2-ethylhexyl)phtha...	21.409	149	61569	5.943	ng	97
85) Di-n-octyl phthalate	22.339	149	110713	6.010	ng	99
87) Indeno(1,2,3-cd)pyrene	26.438	276	205458	7.401	ng	98
88) Benzo(b)fluoranthene	23.239	252	177140	7.827	ng	99
89) Benzo(k)fluoranthene	23.239	252	177140	7.564	ng	# 98
90) Benzo(a)pyrene	23.821	252	154867	6.902	ng	97
91) Dibenzo(a,h)anthracene	26.450	278	177370	7.676	ng	97
92) Benzo(g,h,i)perylene	27.215	276	185366	7.831	ng	97

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

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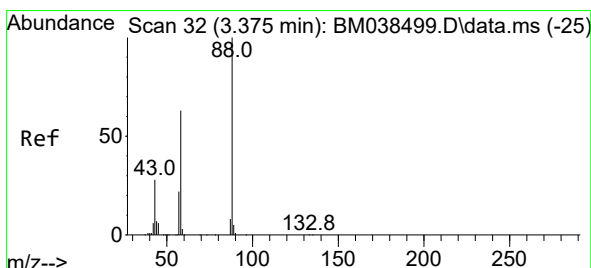
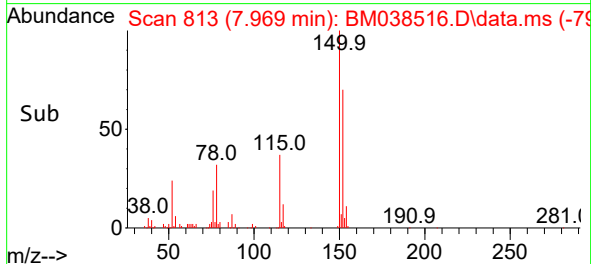
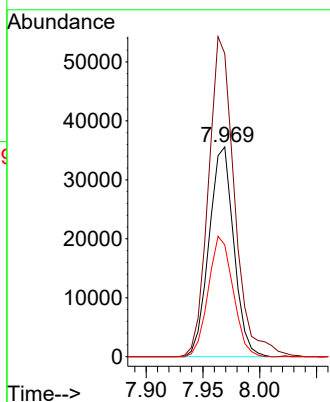
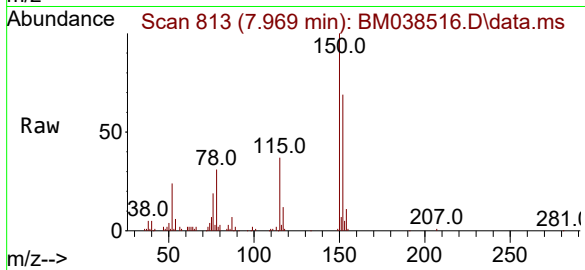




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.969 min Scan# 813
 Delta R.T. 0.000 min
 Lab File: BM038516.D
 Acq: 23 Jan 2023 19:40

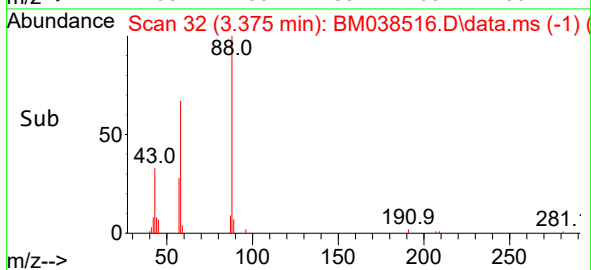
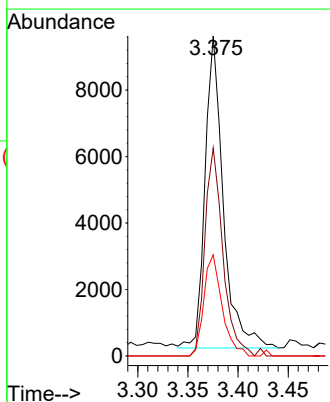
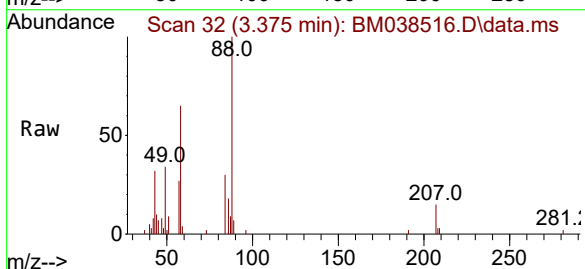
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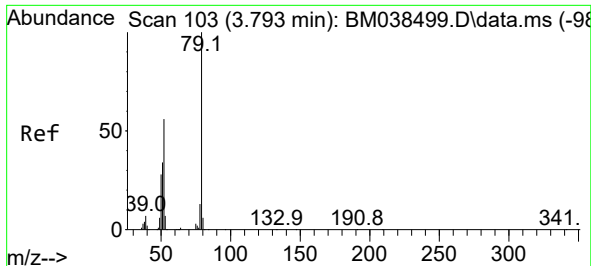
Tgt Ion:152 Resp: 53963
 Ion Ratio Lower Upper
 152 100
 150 144.5 124.2 186.4
 115 53.3 44.8 67.2



#2
 1,4-Dioxane
 Concen: 7.774 ng
 RT: 3.375 min Scan# 32
 Delta R.T. 0.000 min
 Lab File: BM038516.D
 Acq: 23 Jan 2023 19:40

Tgt Ion: 88 Resp: 11902
 Ion Ratio Lower Upper
 88 100
 58 65.2 50.5 75.7
 43 32.3 23.9 35.9

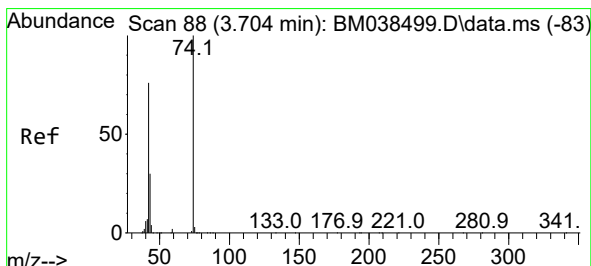
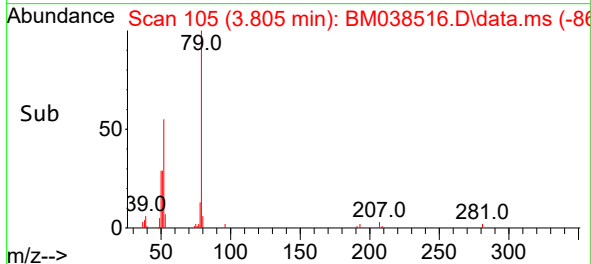
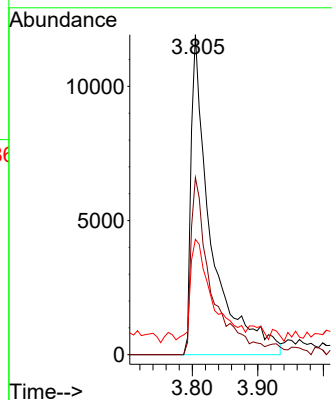
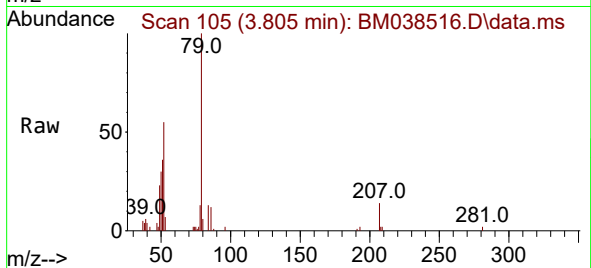




#3
Pyridine
Concen: 6.261 ng
RT: 3.805 min Scan# 103
Delta R.T. 0.012 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

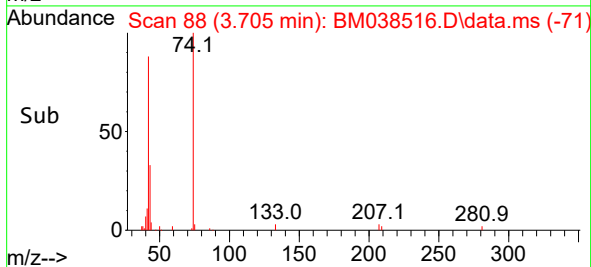
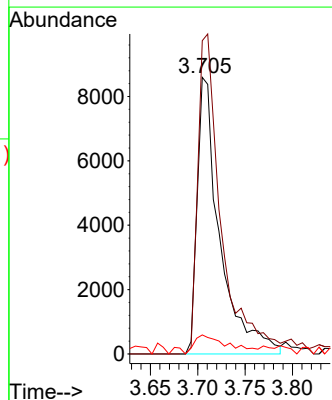
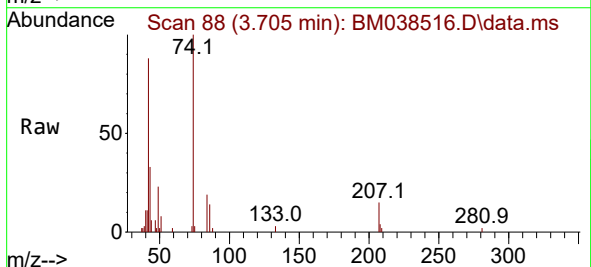
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

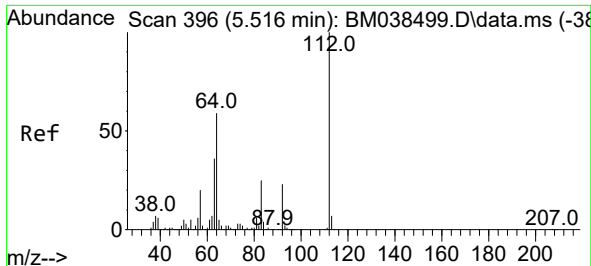
Tgt Ion: 79 Resp: 25178
Ion Ratio Lower Upper
79 100
52 55.4 45.0 67.4
51 36.1 27.1 40.7



#4
n-Nitrosodimethylamine
Concen: 7.504 ng
RT: 3.705 min Scan# 88
Delta R.T. 0.000 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

Tgt Ion: 42 Resp: 14325
Ion Ratio Lower Upper
42 100
74 113.3 105.0 157.4
44 6.9 4.1 6.1#

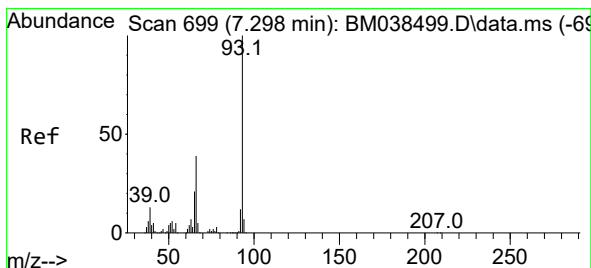
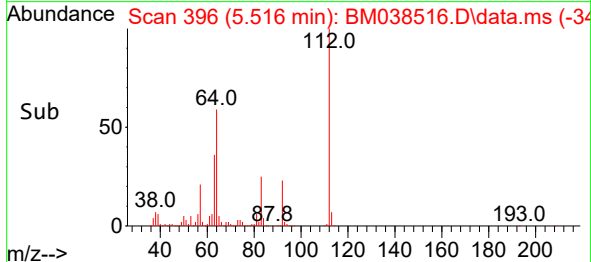
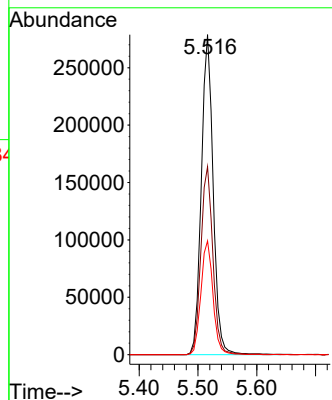
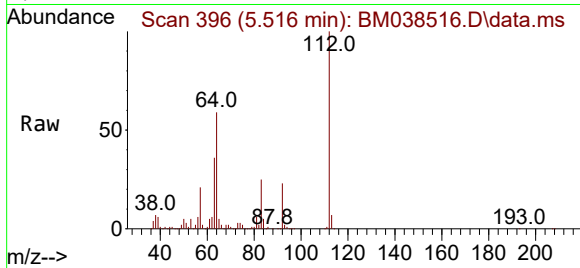




#5
2-Fluorophenol
Concen: 119.480 ng
RT: 5.516 min Scan# 396
Delta R.T. 0.000 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

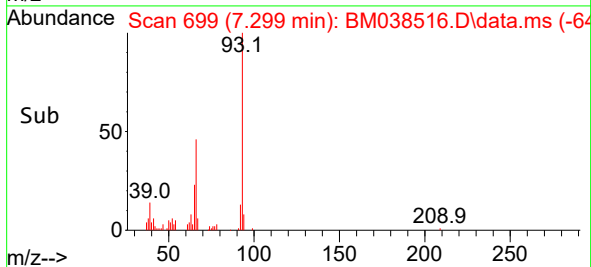
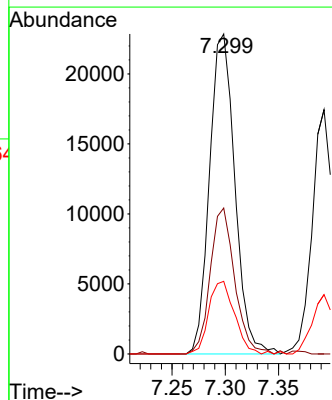
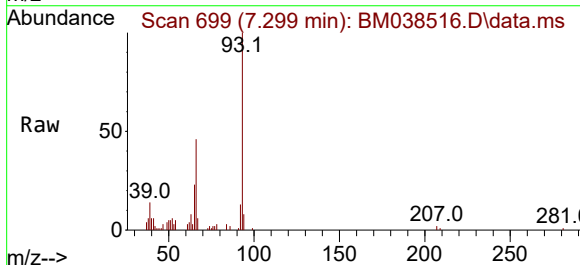
Instrument :
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ClientSampleId :
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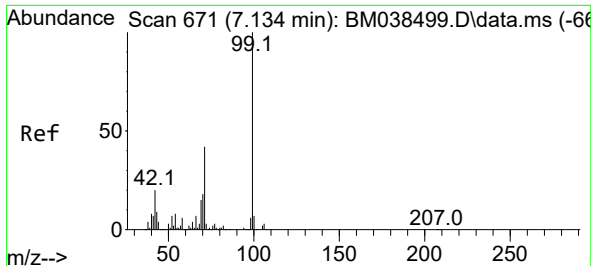
Tgt Ion:112 Resp: 390017
Ion Ratio Lower Upper
112 100
64 58.8 47.3 70.9
63 35.6 28.8 43.2



#6
Aniline
Concen: 7.313 ng
RT: 7.299 min Scan# 699
Delta R.T. 0.000 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

Tgt Ion: 93 Resp: 37808
Ion Ratio Lower Upper
93 100
66 45.6 31.6 47.4
65 22.7 16.6 24.8

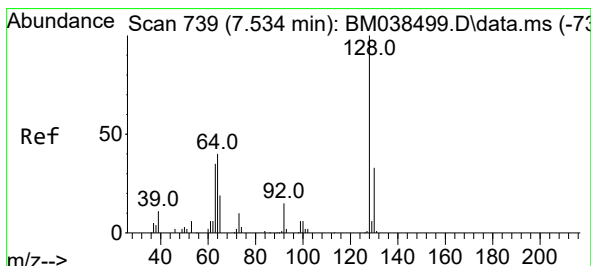
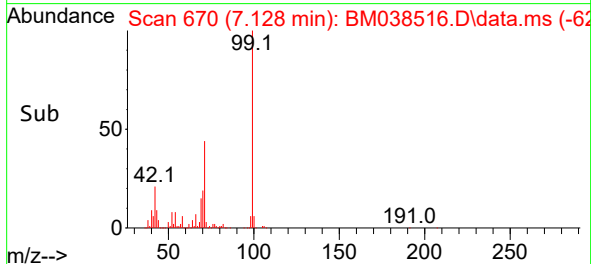
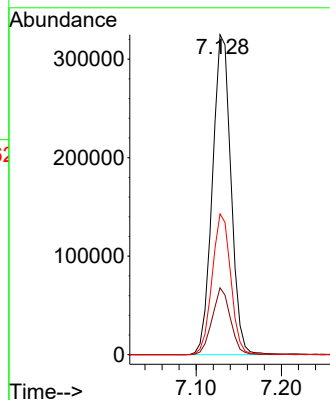
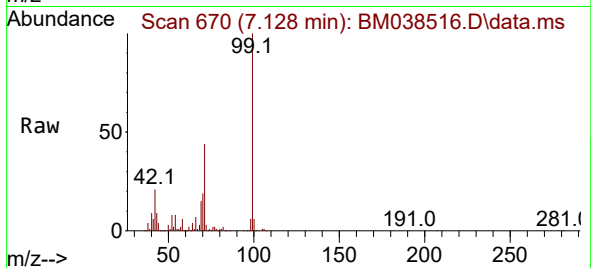




#7
Phenol-d6
Concen: 117.965 ng
RT: 7.128 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

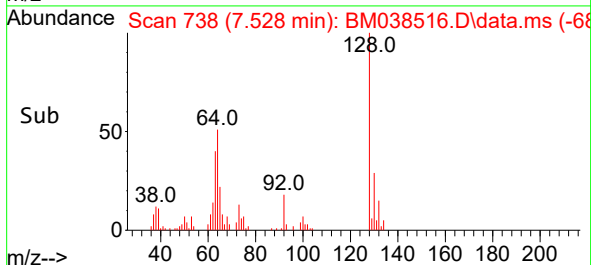
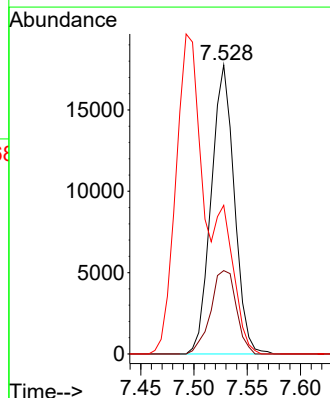
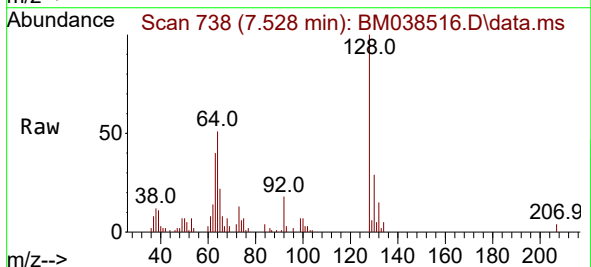
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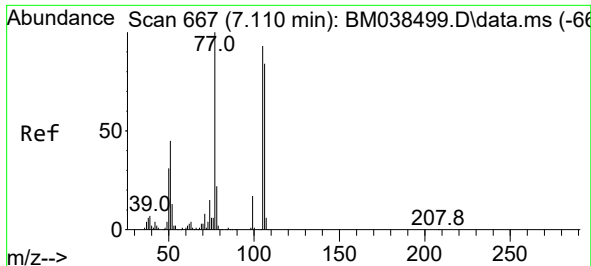
Tgt Ion: 99 Resp: 491308
Ion Ratio Lower Upper
99 100
42 20.9 16.0 24.0
71 44.0 33.8 50.6



#8
2-Chlorophenol
Concen: 8.029 ng
RT: 7.528 min Scan# 738
Delta R.T. -0.006 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

Tgt Ion: 128 Resp: 26775
Ion Ratio Lower Upper
128 100
130 28.8 13.2 53.2
64 51.5 27.7 67.7

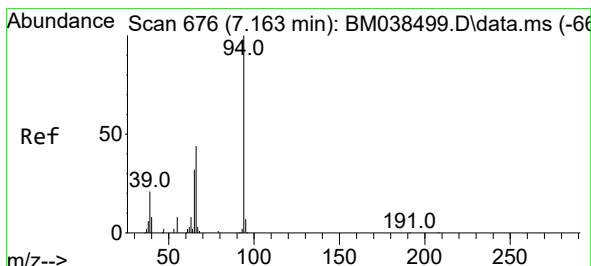
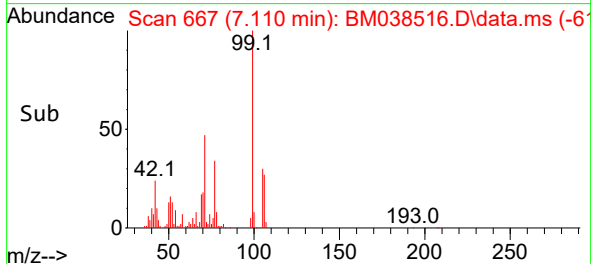
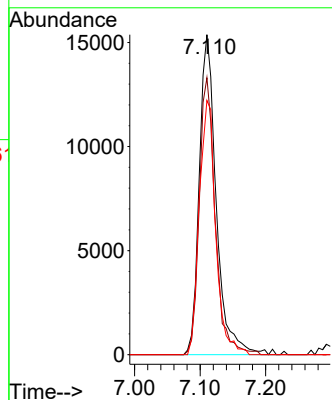
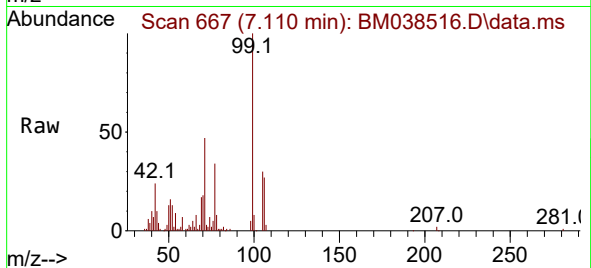




#9
Benzaldehyde
Concen: 11.245 ng
RT: 7.110 min Scan# 667
Delta R.T. 0.000 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

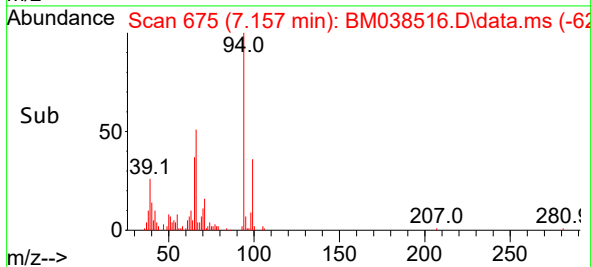
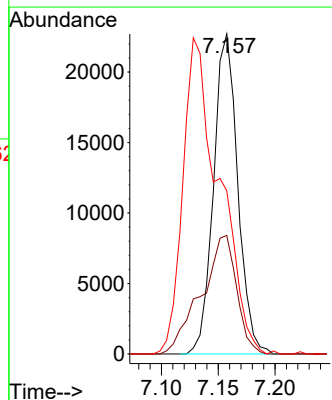
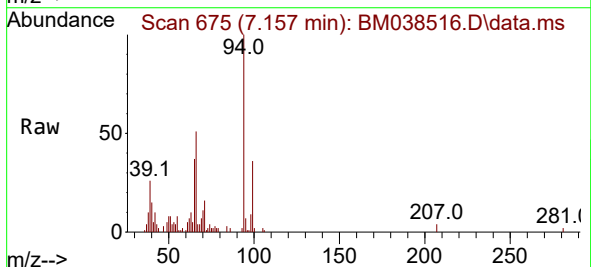
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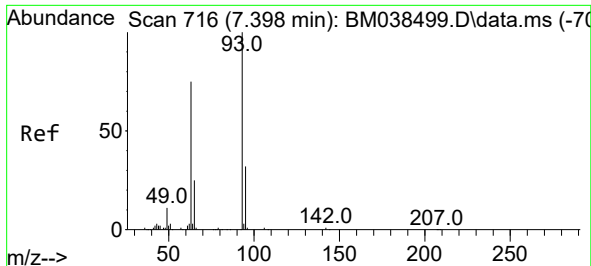
Tgt Ion: 77 Resp: 27780
Ion Ratio Lower Upper
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105 86.6 72.9 112.9
106 79.5 63.8 103.8



#10
Phenol
Concen: 8.084 ng
RT: 7.157 min Scan# 675
Delta R.T. -0.006 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

Tgt Ion: 94 Resp: 33642
Ion Ratio Lower Upper
94 100
65 37.1 12.7 52.7
66 51.0 26.0 66.0

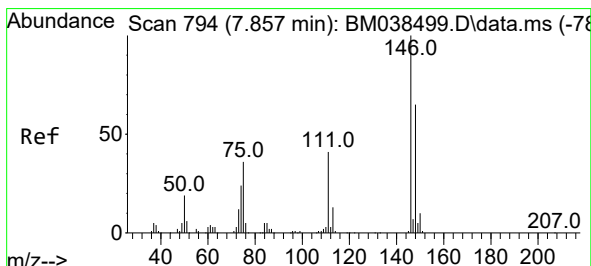
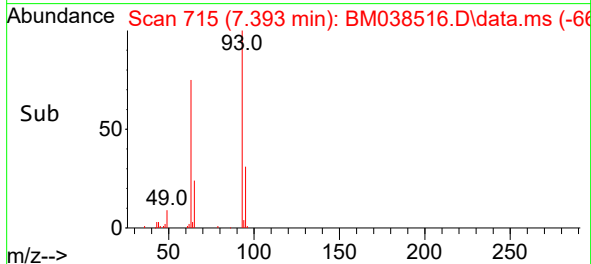
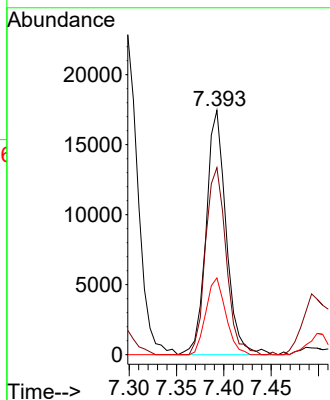
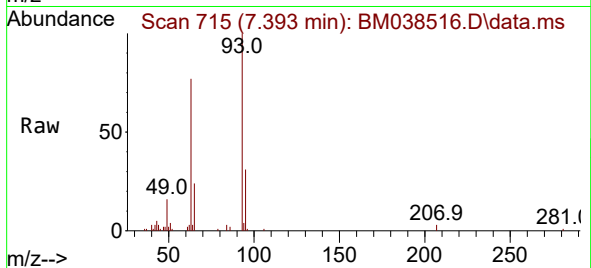




#11
bis(2-Chloroethyl)ether
Concen: 7.807 ng
RT: 7.393 min Scan# 716
Delta R.T. -0.006 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

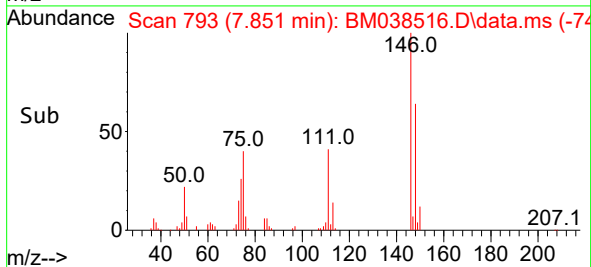
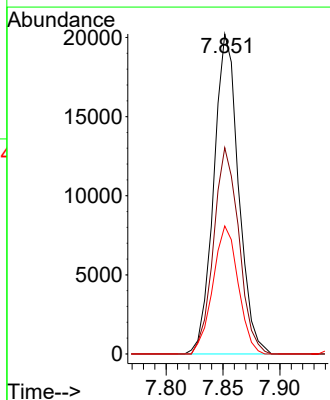
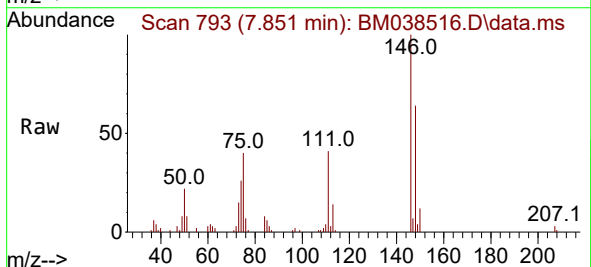
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

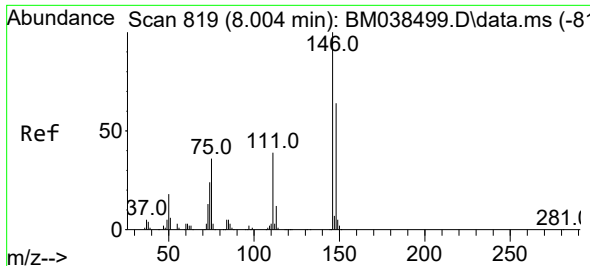
Tgt Ion: 93 Resp: 25634
Ion Ratio Lower Upper
93 100
63 76.6 54.4 94.4
95 31.4 11.4 51.4



#12
1,3-Dichlorobenzene
Concen: 8.091 ng
RT: 7.851 min Scan# 793
Delta R.T. -0.006 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

Tgt Ion:146 Resp: 30674
Ion Ratio Lower Upper
146 100
148 64.5 52.1 78.1
75 40.0 28.7 43.1

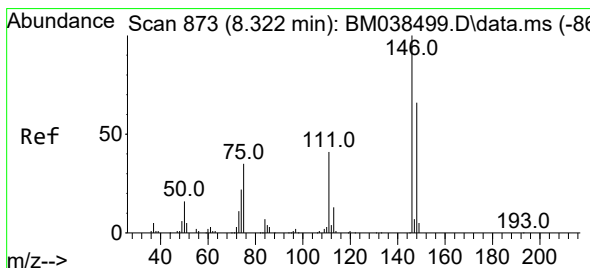
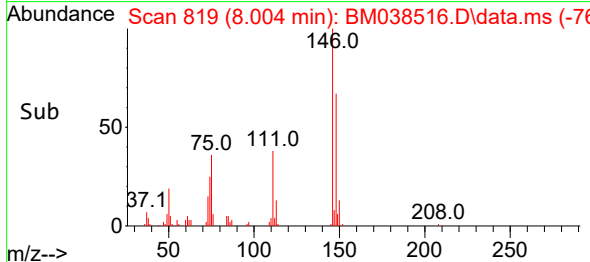
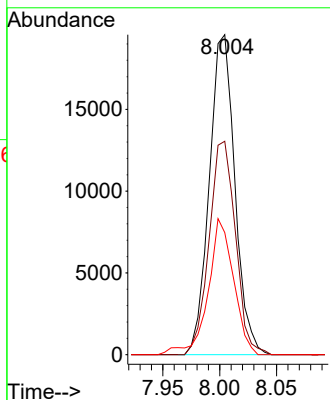
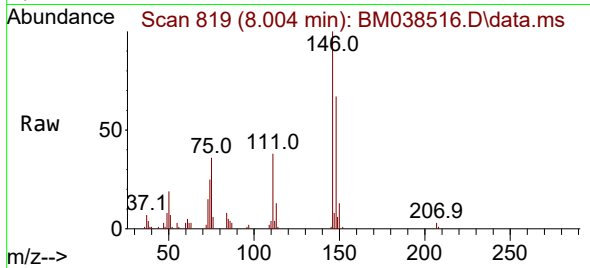




#13
1,4-Dichlorobenzene
Concen: 7.998 ng
RT: 8.004 min Scan# 819
Delta R.T. 0.000 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

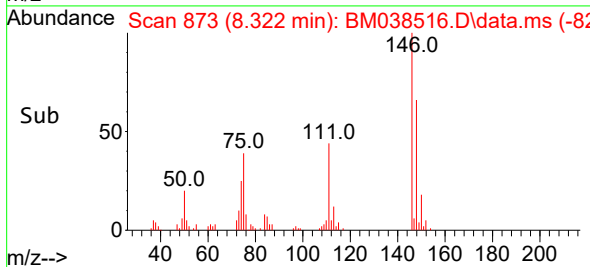
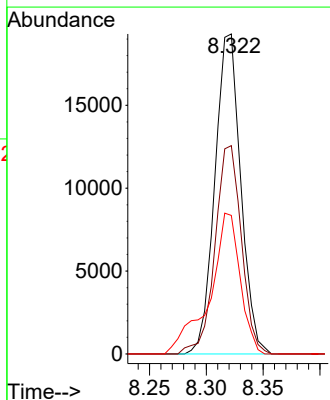
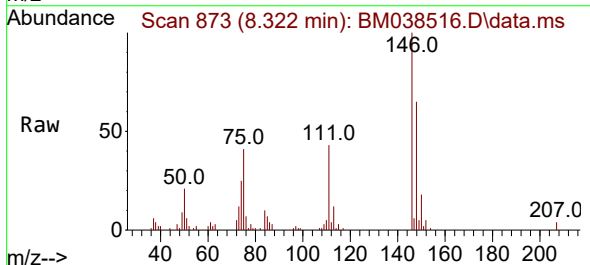
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

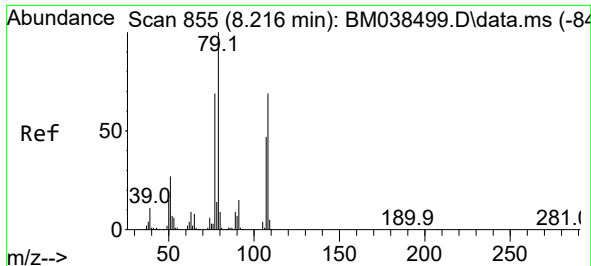
Tgt Ion:146 Resp: 30638
Ion Ratio Lower Upper
146 100
148 66.7 51.3 76.9
111 38.2 31.4 47.0



#14
1,2-Dichlorobenzene
Concen: 8.246 ng
RT: 8.322 min Scan# 873
Delta R.T. 0.000 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

Tgt Ion:146 Resp: 30596
Ion Ratio Lower Upper
146 100
148 65.1 52.7 79.1
111 43.3 33.2 49.8

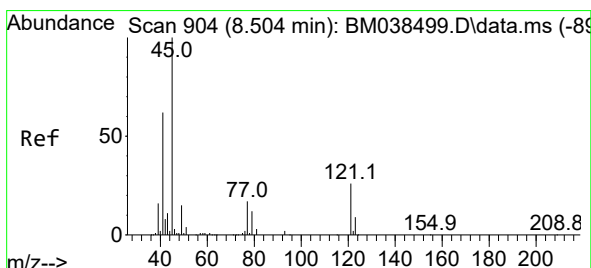
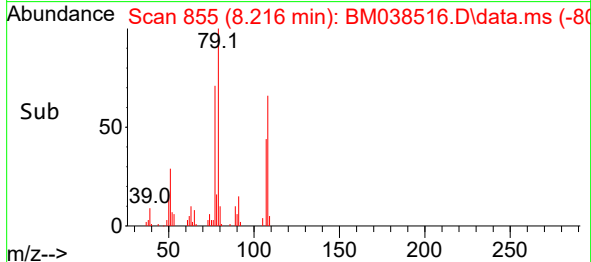
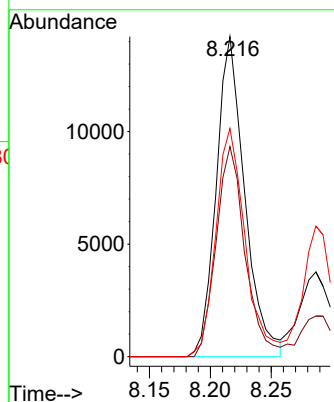
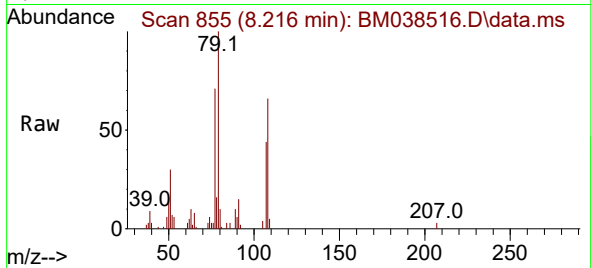




#15
Benzyl Alcohol
Concen: 7.447 ng
RT: 8.216 min Scan# 855
Delta R.T. 0.000 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

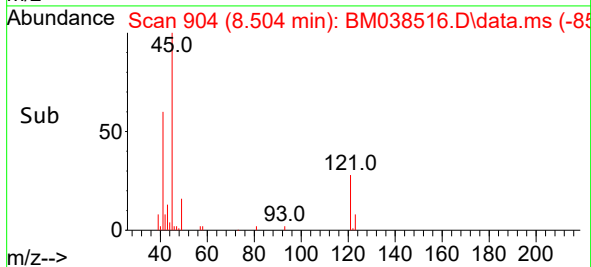
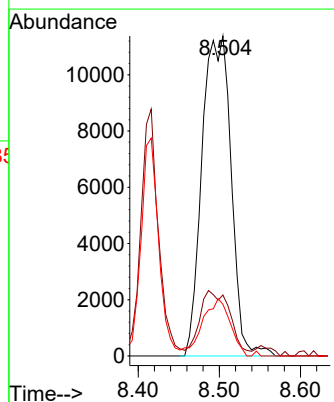
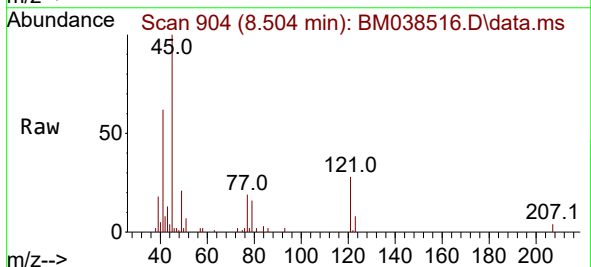
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

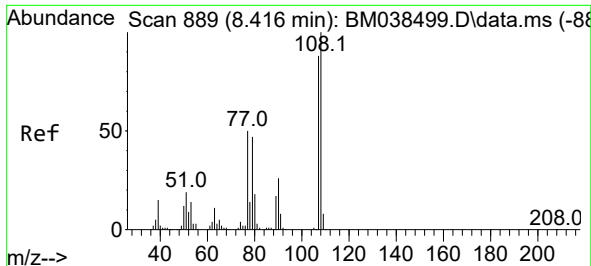
Tgt Ion: 79 Resp: 23190
Ion Ratio Lower Upper
79 100
108 65.6 55.0 82.6
77 71.3 55.0 82.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 8.239 ng
RT: 8.504 min Scan# 904
Delta R.T. 0.000 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

Tgt Ion: 45 Resp: 28410
Ion Ratio Lower Upper
45 100
77 19.0 0.0 39.2
79 16.1 0.0 34.9

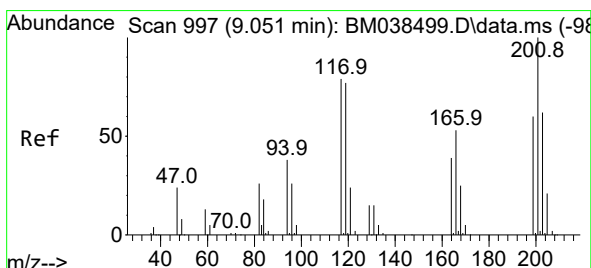
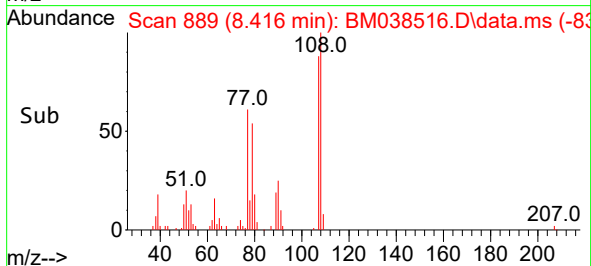
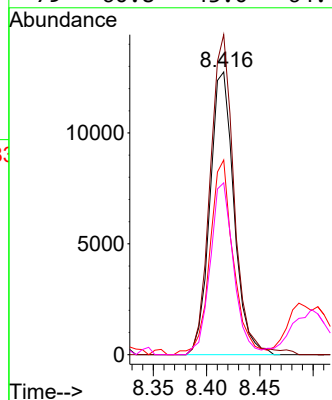
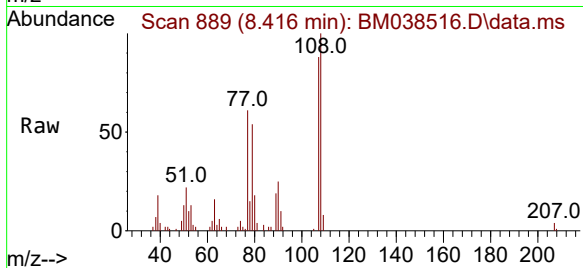




#17
2-Methylphenol
Concen: 6.797 ng
RT: 8.416 min Scan# 889
Delta R.T. 0.000 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

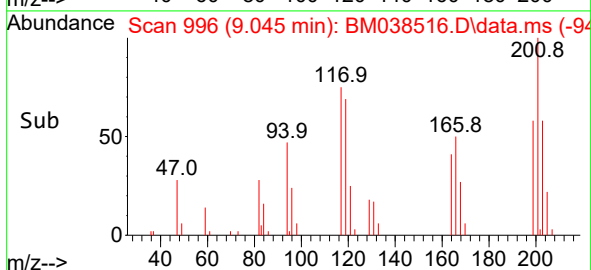
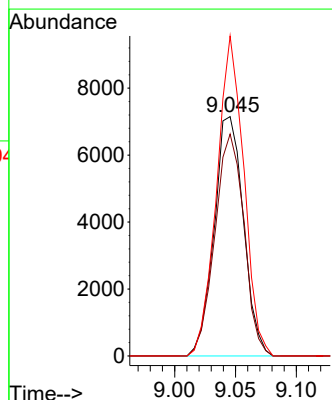
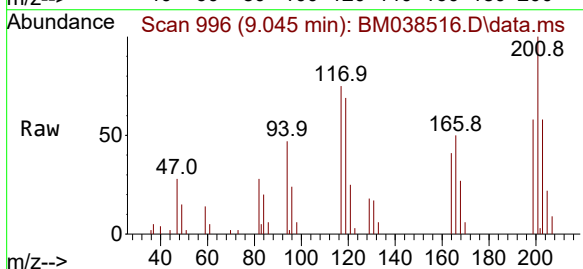
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

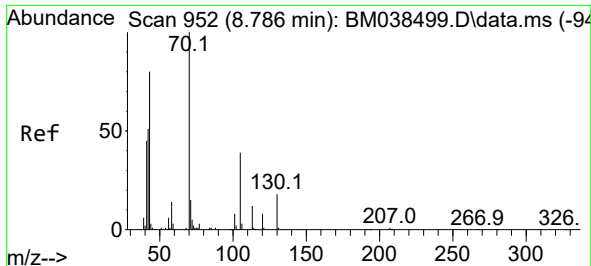
Tgt Ion:	107	Resp:	20021
Ion	Ratio	Lower	Upper
107	100		
108	113.2	90.8	136.2
77	68.9	46.1	69.1
79	60.8	43.0	64.4



#18
Hexachloroethane
Concen: 8.405 ng
RT: 9.045 min Scan# 996
Delta R.T. -0.006 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

Tgt Ion:	117	Resp:	11969
Ion	Ratio	Lower	Upper
117	100		
119	92.7	77.9	116.9
201	133.7	100.6	151.0

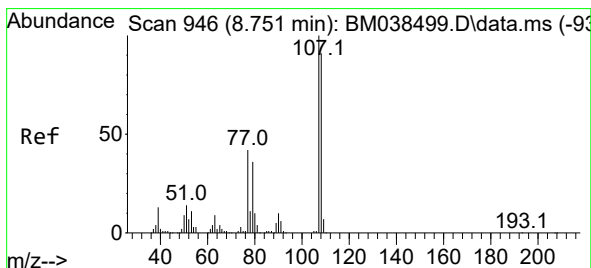
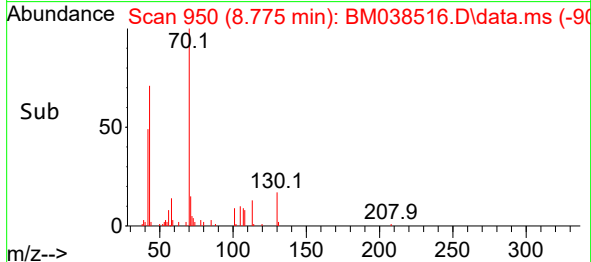
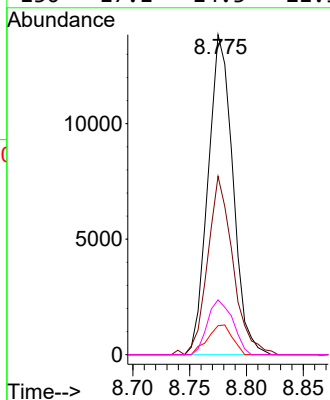
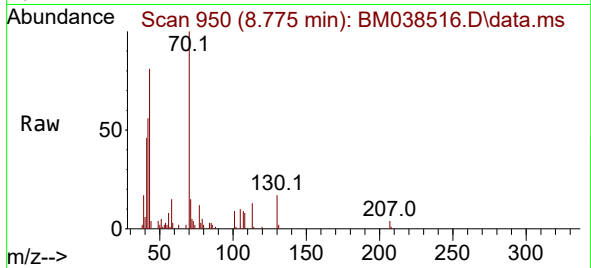




#19
n-Nitroso-di-n-propylamine
Concen: 7.265 ng
RT: 8.775 min Scan# 910
Delta R.T. -0.011 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

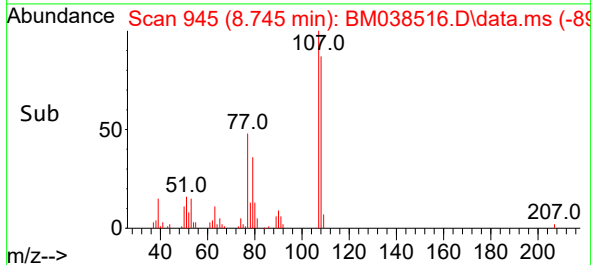
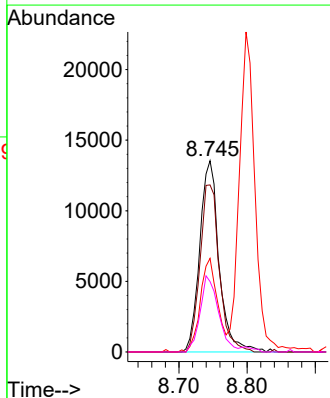
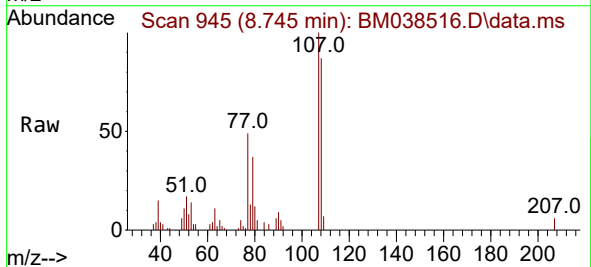
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

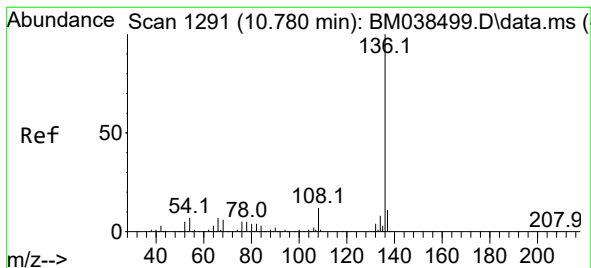
Tgt Ion:	70	Resp:	21063
Ion Ratio	Lower	Upper	
70	100		
42	55.7	41.4	62.2
101	9.1	6.5	9.7
130	17.1	14.3	21.5



#20
3+4-Methylphenols
Concen: 6.783 ng
RT: 8.745 min Scan# 945
Delta R.T. -0.005 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

Tgt Ion:	107	Resp:	26776
Ion Ratio	Lower	Upper	
107	100		
108	87.3	70.7	110.7
77	49.0	22.0	62.0
79	36.8	15.8	55.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.775 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM038516.D

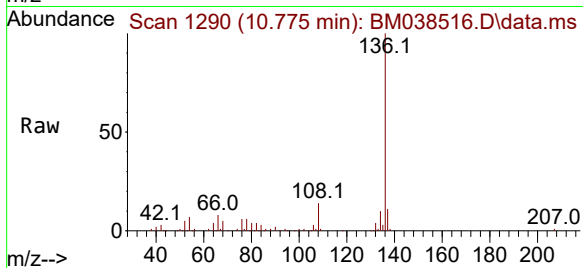
Acq: 23 Jan 2023 19:40

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022



Tgt Ion:136 Resp: 178475

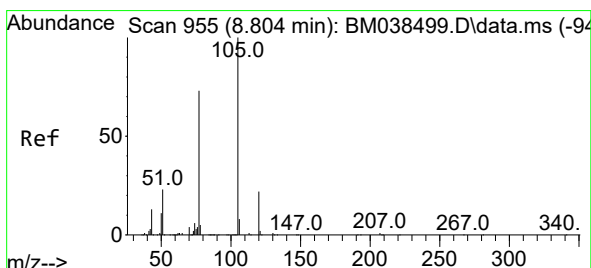
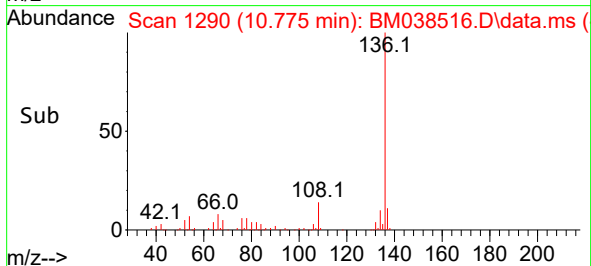
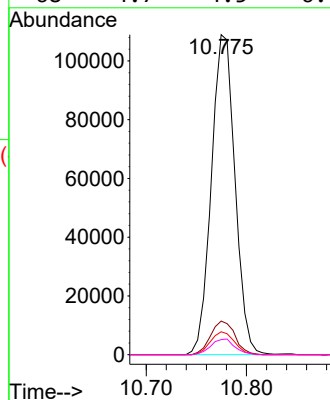
Ion Ratio Lower Upper

136 100

137 10.5 8.4 12.6

54 7.1 6.0 9.0

68 4.7 4.5 6.7



#22

Acetophenone

Concen: 8.256 ng

RT: 8.798 min Scan# 954

Delta R.T. -0.006 min

Lab File: BM038516.D

Acq: 23 Jan 2023 19:40

Tgt Ion:105 Resp: 40593

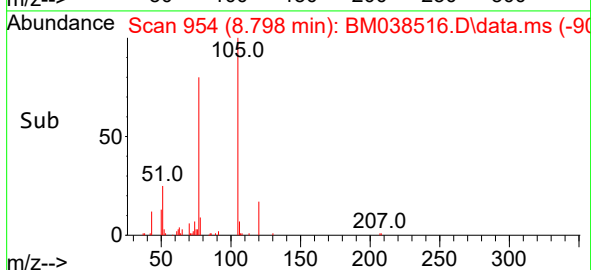
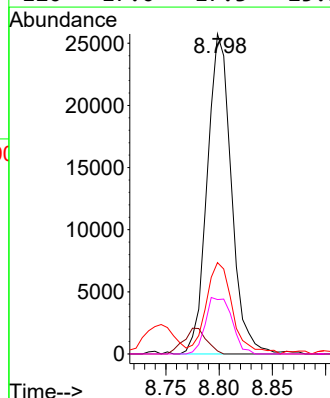
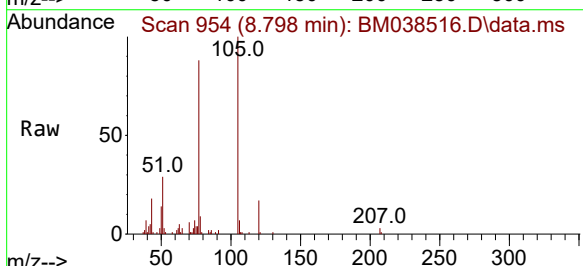
Ion Ratio Lower Upper

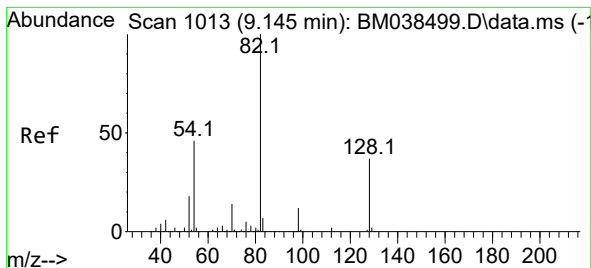
105 100

71 0.9 0.9 1.3

51 28.6 21.8 32.8

120 17.0 17.3 25.9#





#23

Nitrobenzene-d5

Concen: 77.534 ng

RT: 9.140 min Scan# 1013

Delta R.T. -0.006 min

Lab File: BM038516.D

Acq: 23 Jan 2023 19:40

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

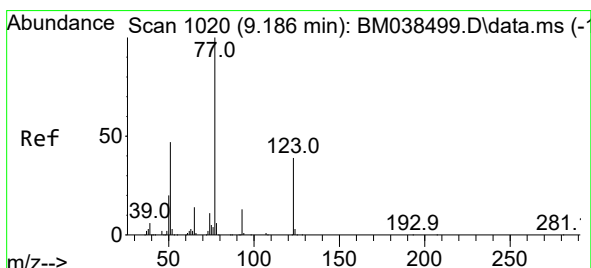
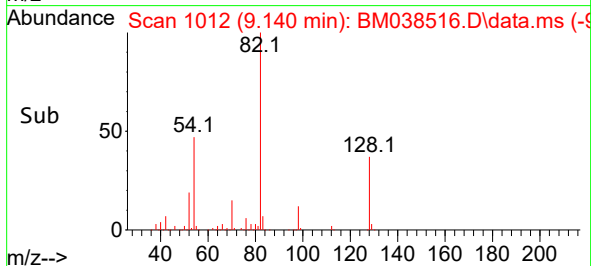
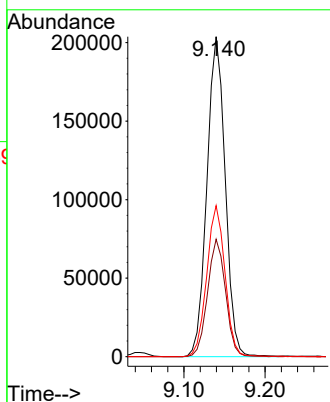
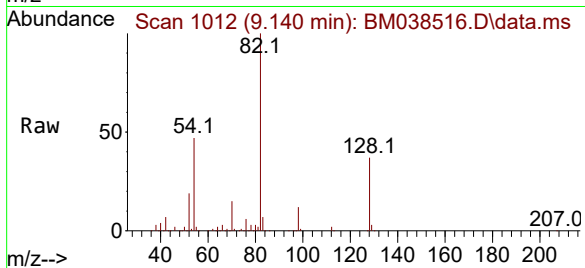
Tgt Ion: 82 Resp: 318662

Ion Ratio Lower Upper

82 100

128 36.7 29.3 43.9

54 47.2 36.9 55.3



#24

Nitrobenzene

Concen: 8.570 ng

RT: 9.181 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BM038516.D

Acq: 23 Jan 2023 19:40

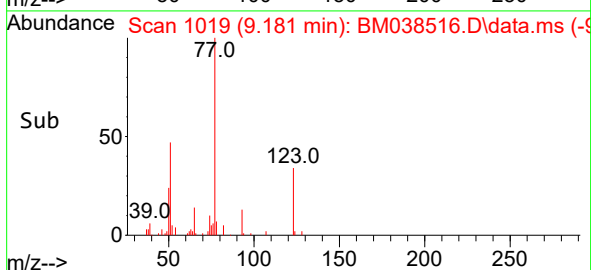
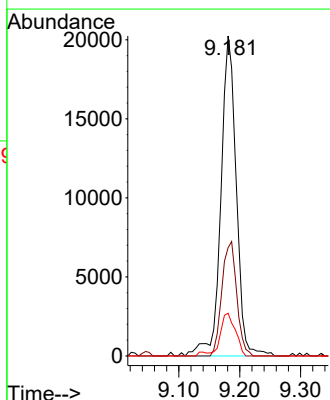
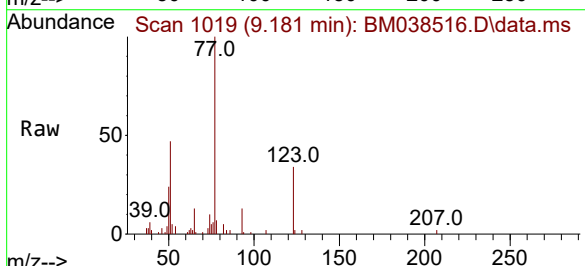
Tgt Ion: 77 Resp: 35639

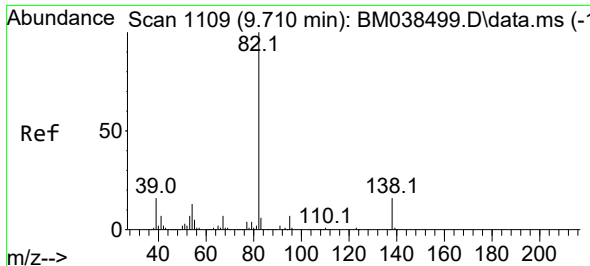
Ion Ratio Lower Upper

77 100

123 33.9 31.5 47.3

65 13.3 11.2 16.8

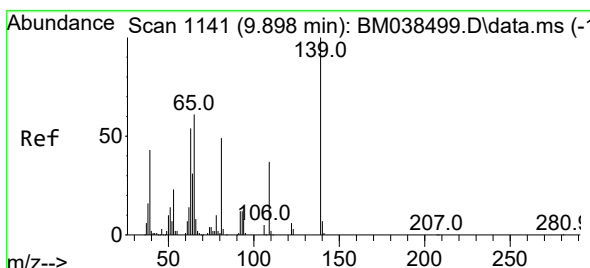
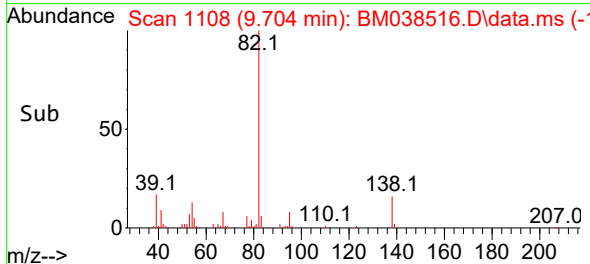
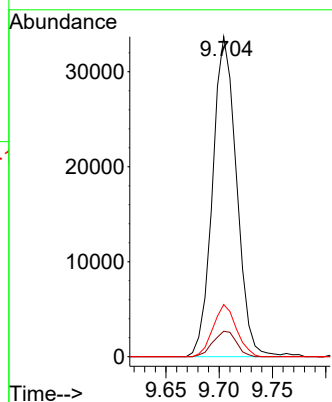
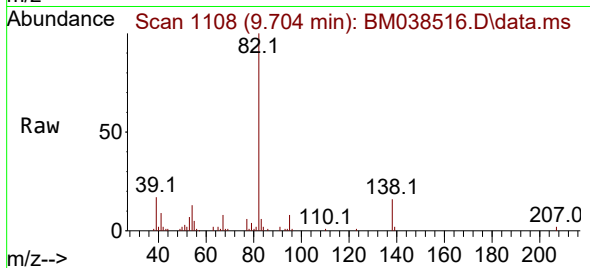




#25
Isophorone
Concen: 7.790 ng
RT: 9.704 min Scan# 1108
Delta R.T. -0.006 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

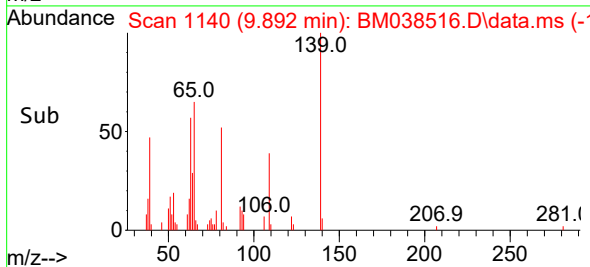
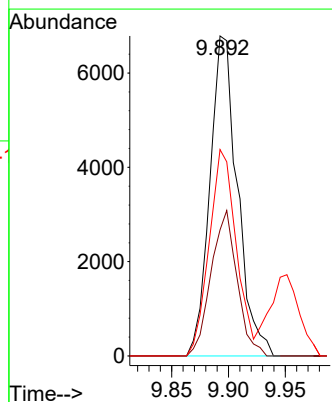
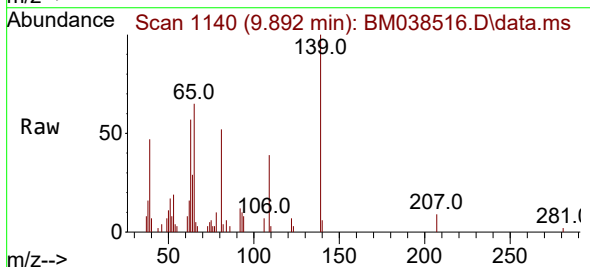
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

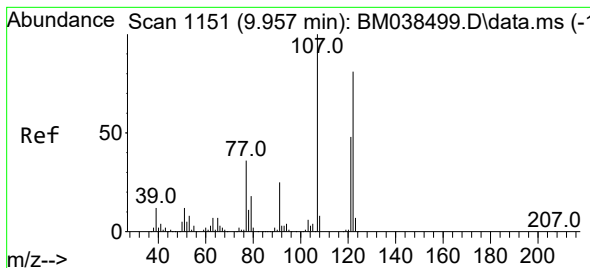
Tgt Ion: 82 Resp: 52833
Ion Ratio Lower Upper
82 100
95 7.9 5.6 8.4
138 16.3 13.2 19.8



#26
2-Nitrophenol
Concen: 6.929 ng
RT: 9.892 min Scan# 1140
Delta R.T. -0.006 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

Tgt Ion: 139 Resp: 11437
Ion Ratio Lower Upper
139 100
109 39.4 29.3 43.9
65 64.5 48.6 72.8





#27

2,4-Dimethylphenol

Concen: 6.830 ng

RT: 9.951 min Scan# 1151

Delta R.T. -0.006 min

Lab File: BM038516.D

Acq: 23 Jan 2023 19:40

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

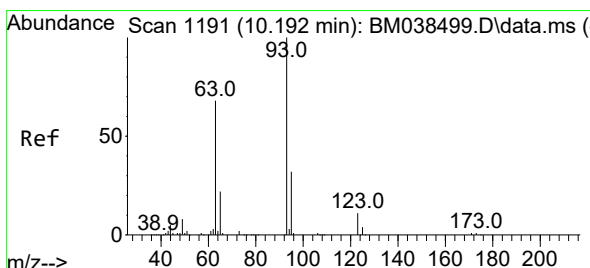
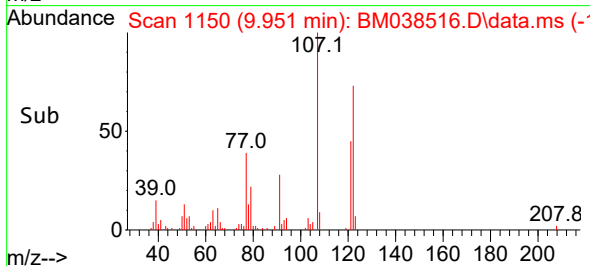
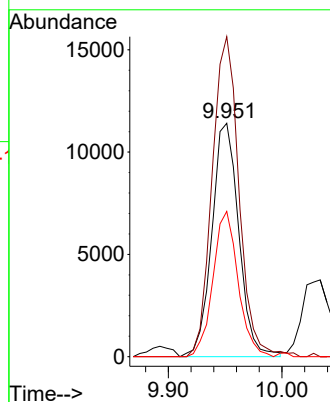
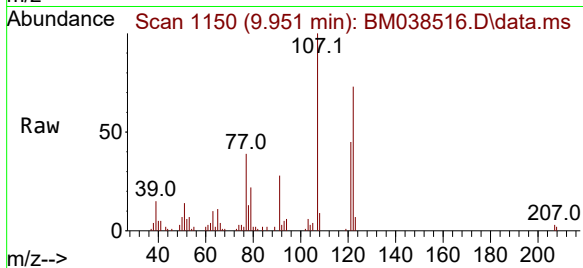
Tgt Ion:122 Resp: 18762

Ion Ratio Lower Upper

122 100

107 137.1 98.2 147.2

121 62.3 47.1 70.7



#28

bis(2-Chloroethoxy)methane

Concen: 8.020 ng

RT: 10.187 min Scan# 1190

Delta R.T. -0.006 min

Lab File: BM038516.D

Acq: 23 Jan 2023 19:40

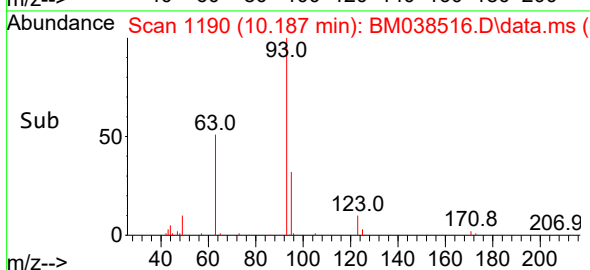
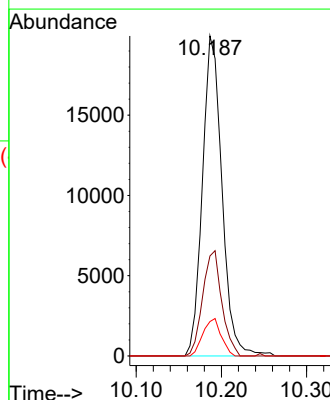
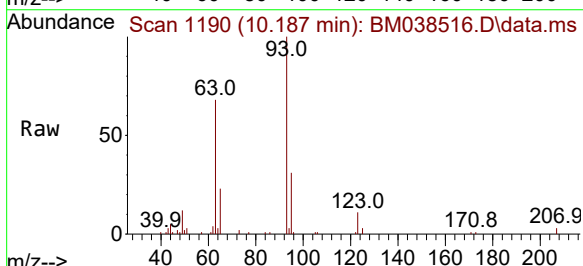
Tgt Ion: 93 Resp: 31821

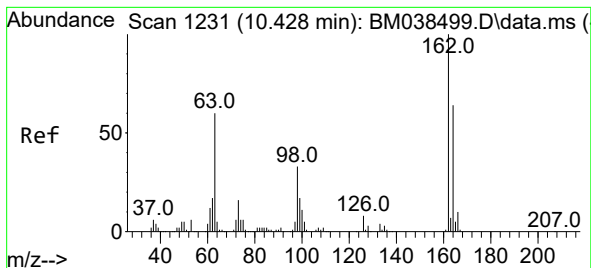
Ion Ratio Lower Upper

93 100

95 31.2 25.3 37.9

123 10.7 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 7.401 ng

RT: 10.428 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM038516.D

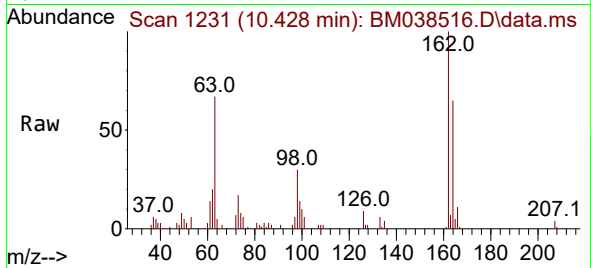
Acq: 23 Jan 2023 19:40

Instrument :

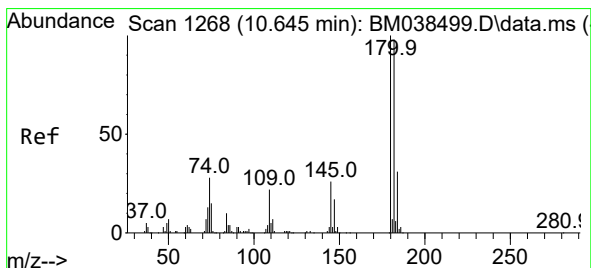
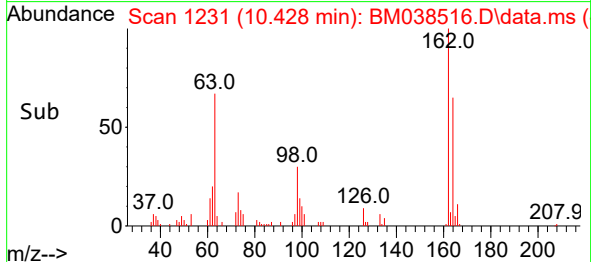
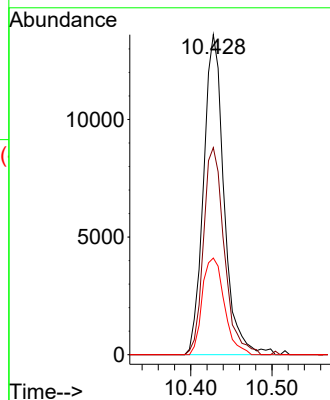
BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022



Tgt Ion:	162	Resp:	23854
Ion Ratio	Lower	Upper	
162	100		
164	64.7	43.7	83.7
98	30.2	12.9	52.9



#30

1,2,4-Trichlorobenzene

Concen: 8.159 ng

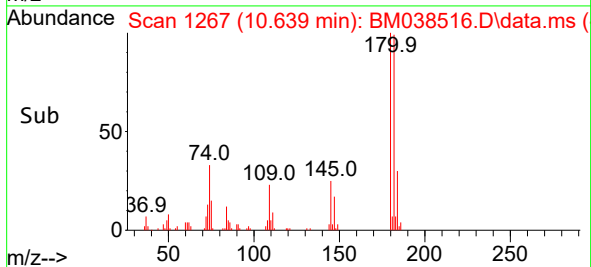
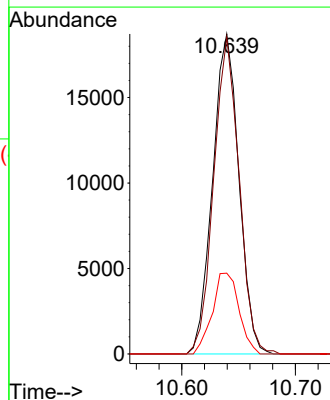
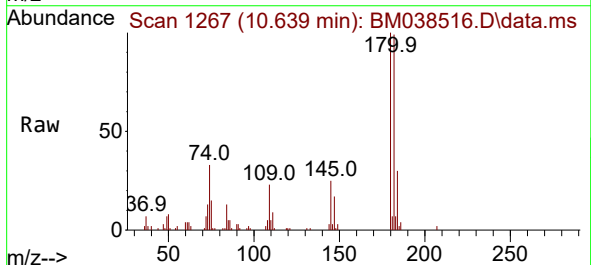
RT: 10.639 min Scan# 1267

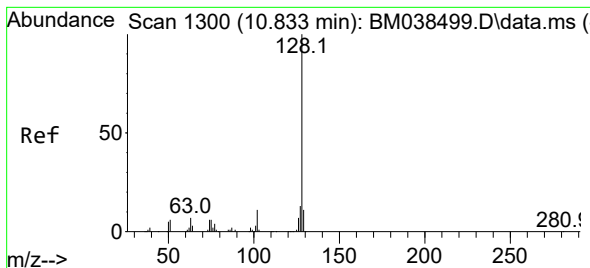
Delta R.T. -0.006 min

Lab File: BM038516.D

Acq: 23 Jan 2023 19:40

Tgt Ion:	180	Resp:	30073
Ion Ratio	Lower	Upper	
180	100		
182	99.0	78.3	117.5
145	25.2	21.0	31.6





#31

Naphthalene

Concen: 7.578 ng

RT: 10.828 min Scan# 1164

Delta R.T. -0.006 min

Lab File: BM038516.D

Acq: 23 Jan 2023 19:40

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

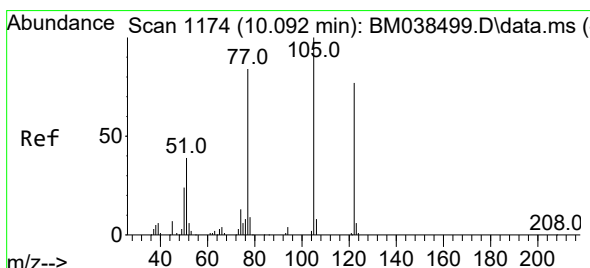
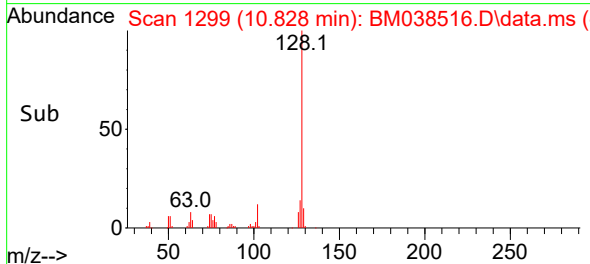
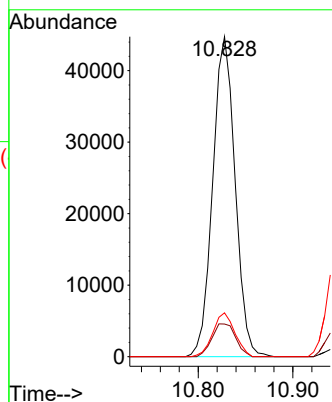
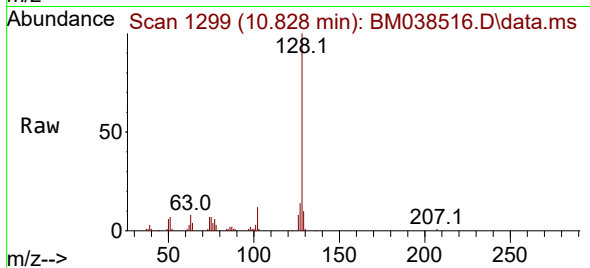
Tgt Ion:128 Resp: 73471

Ion Ratio Lower Upper

128 100

129 10.2 8.8 13.2

127 13.7 10.3 15.5



#32

Benzoic acid

Concen: 8.979 ng

RT: 10.034 min Scan# 1164

Delta R.T. -0.058 min

Lab File: BM038516.D

Acq: 23 Jan 2023 19:40

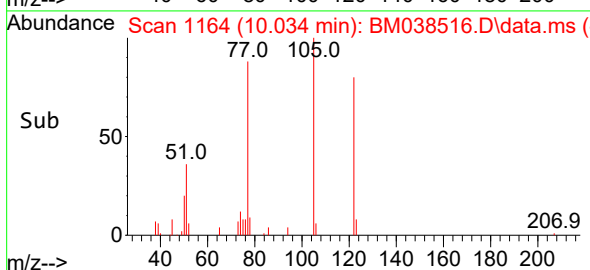
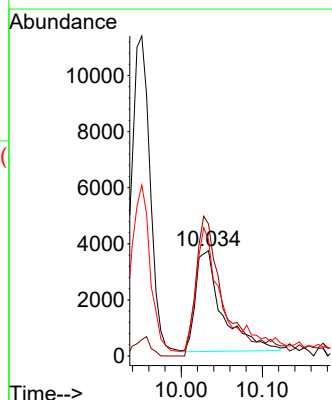
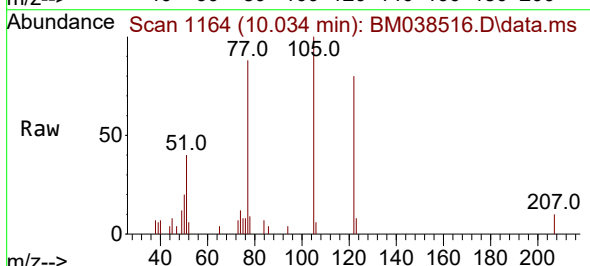
Tgt Ion:122 Resp: 8252

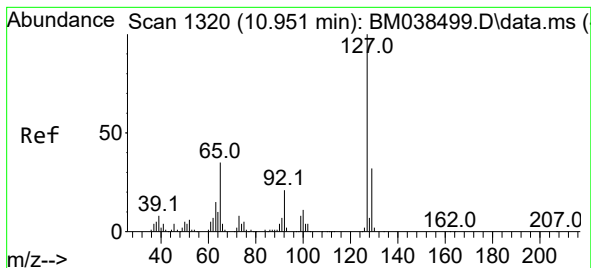
Ion Ratio Lower Upper

122 100

105 125.4 107.9 147.9

77 110.2 88.6 128.6





#33

4-Chloroaniline

Concen: 7.110 ng

RT: 10.945 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM038516.D

Acq: 23 Jan 2023 19:40

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

Tgt Ion:127 Resp: 28774

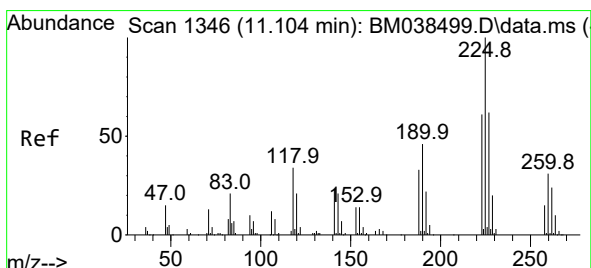
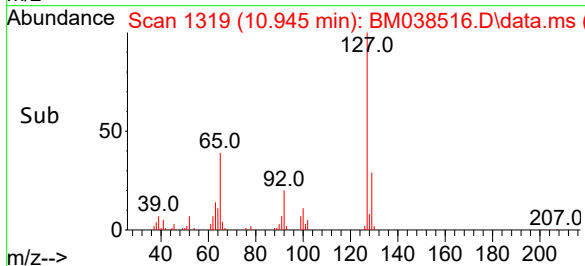
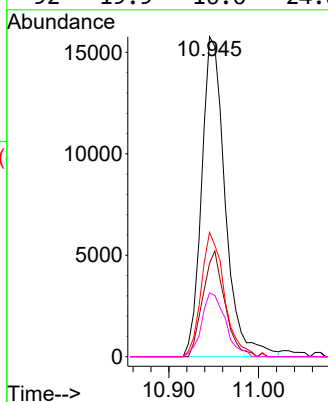
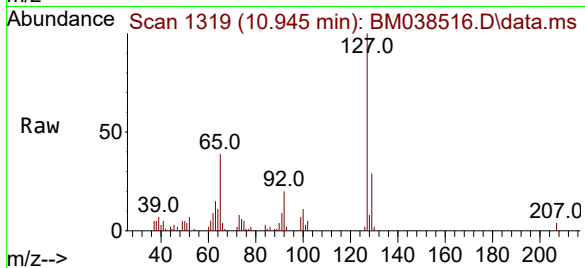
Ion Ratio Lower Upper

127 100

129 29.2 25.8 38.6

65 38.9 28.2 42.2

92 19.9 16.6 24.8



#34

Hexachlorobutadiene

Concen: 8.490 ng

RT: 11.098 min Scan# 1345

Delta R.T. -0.006 min

Lab File: BM038516.D

Acq: 23 Jan 2023 19:40

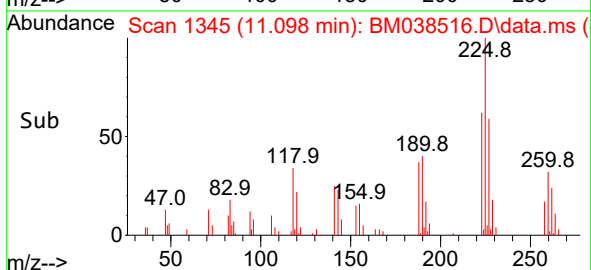
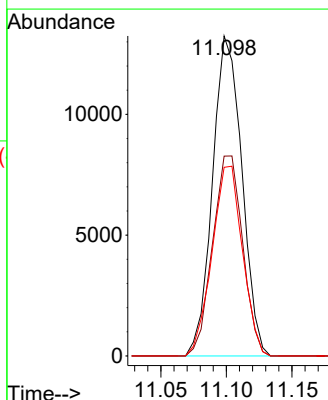
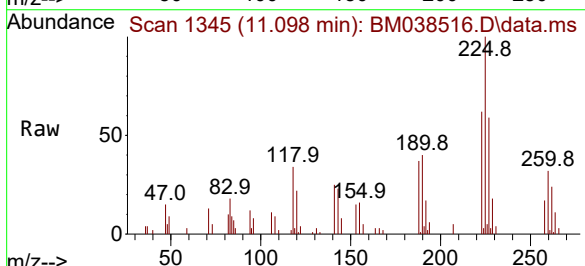
Tgt Ion:225 Resp: 20583

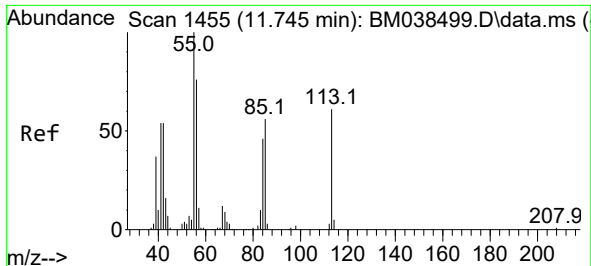
Ion Ratio Lower Upper

225 100

223 62.4 48.8 73.2

227 58.9 49.4 74.0

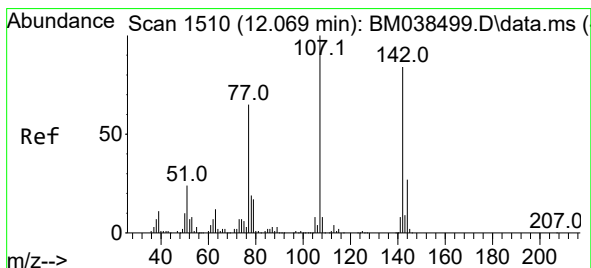
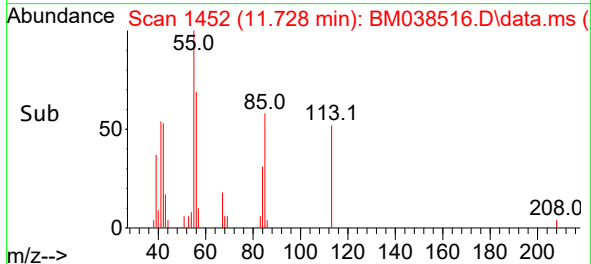
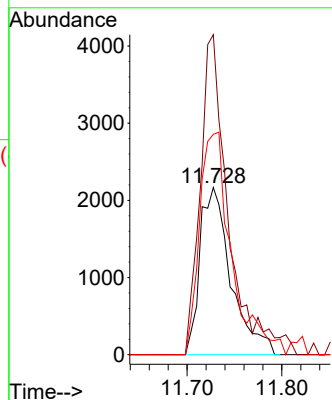
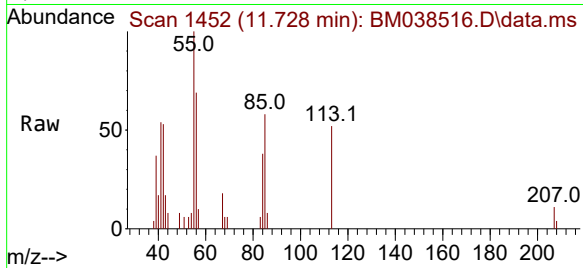




#35
 Caprolactam
 Concen: 6.303 ng
 RT: 11.728 min Scan# 1452
 Delta R.T. -0.017 min
 Lab File: BM038516.D
 Acq: 23 Jan 2023 19:40

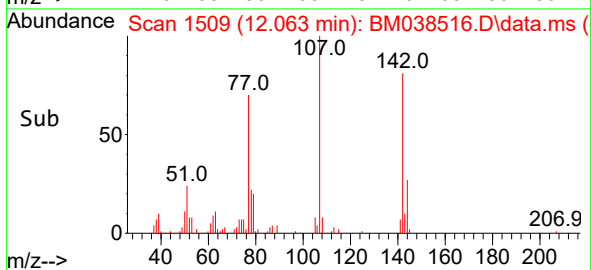
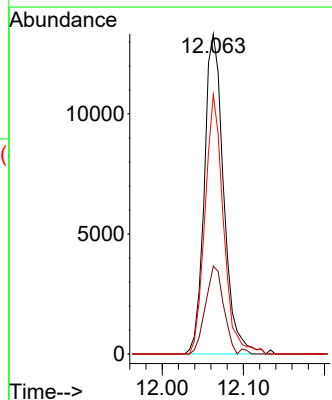
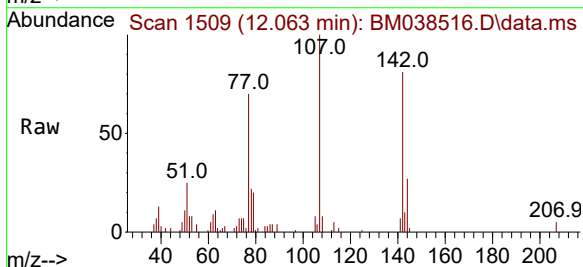
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2022

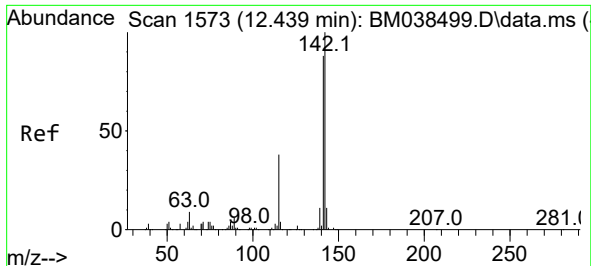
Tgt Ion:113 Resp: 4925
 Ion Ratio Lower Upper
 113 100
 55 191.4 145.0 185.0#
 56 131.8 105.7 145.7



#36
 4-Chloro-3-methylphenol
 Concen: 7.525 ng
 RT: 12.063 min Scan# 1509
 Delta R.T. -0.006 min
 Lab File: BM038516.D
 Acq: 23 Jan 2023 19:40

Tgt Ion:107 Resp: 22053
 Ion Ratio Lower Upper
 107 100
 144 27.5 22.0 33.0
 142 81.0 67.5 101.3

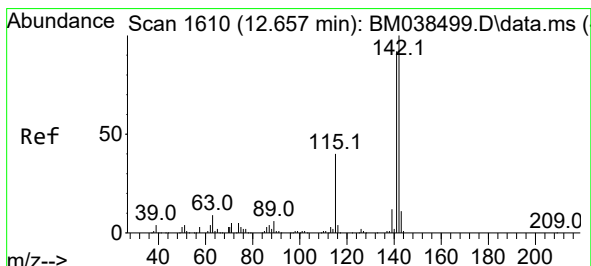
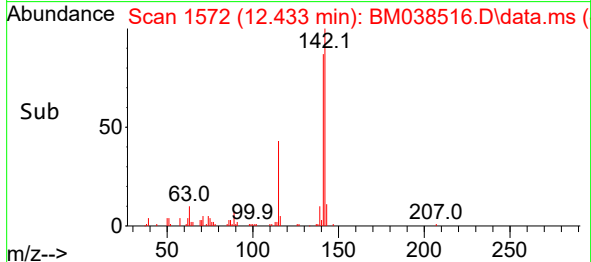
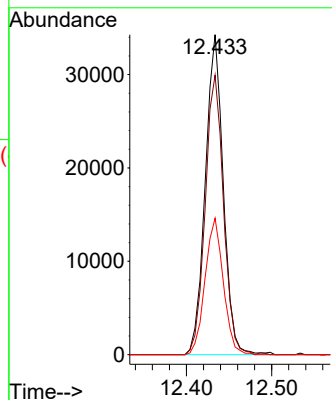
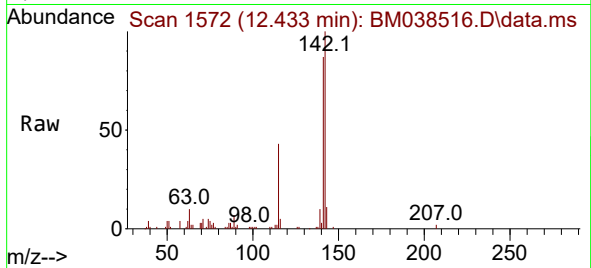




#37
2-Methylnaphthalene
Concen: 7.225 ng
RT: 12.433 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

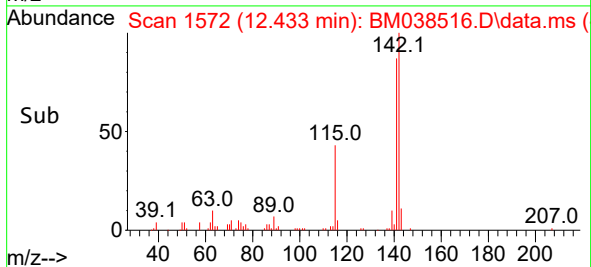
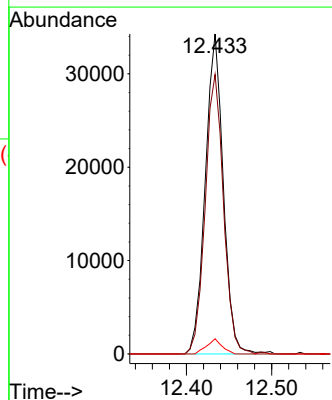
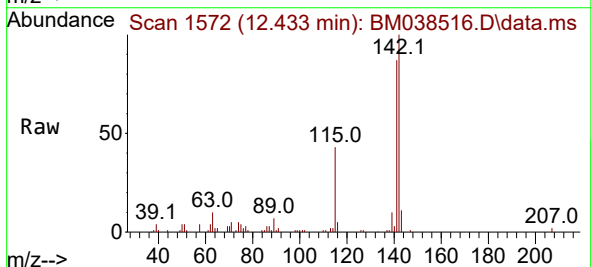
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

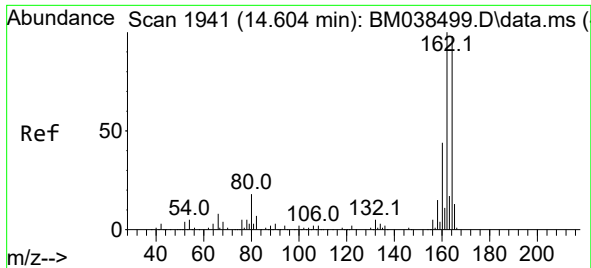
Tgt Ion:142 Resp: 50346
Ion Ratio Lower Upper
142 100
141 87.4 70.7 106.1
115 42.6 30.4 45.6



#38
1-Methylnaphthalene
Concen: 7.661 ng
RT: 12.433 min Scan# 1572
Delta R.T. -0.223 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

Tgt Ion:142 Resp: 50346
Ion Ratio Lower Upper
142 100
141 87.4 73.4 110.0
116 4.8 3.3 4.9

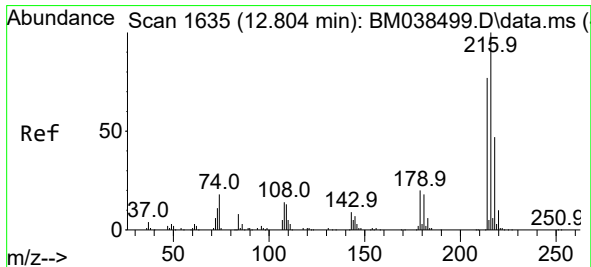
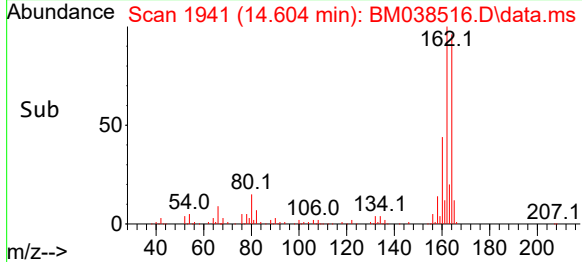
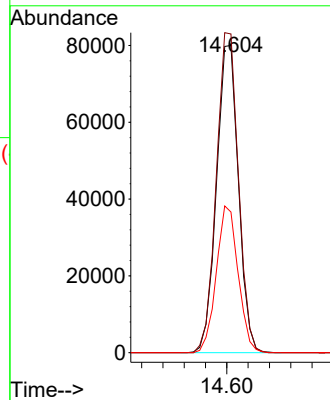
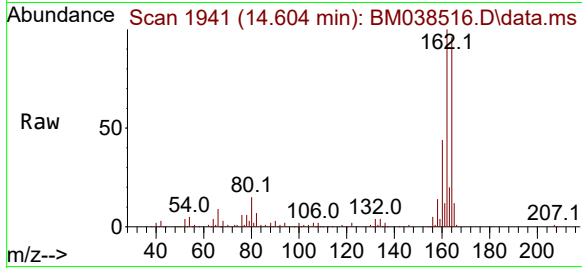




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.604 min Scan# 1941
Delta R.T. 0.000 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

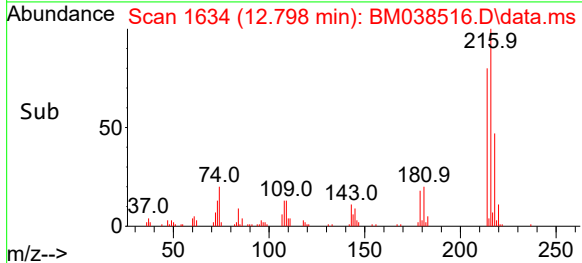
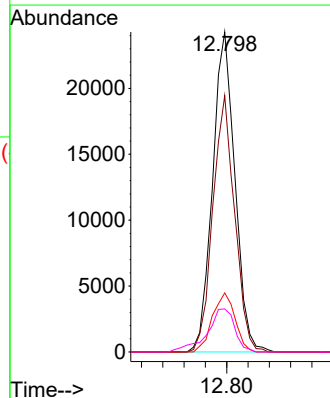
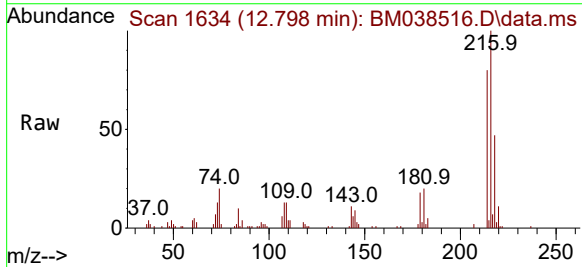
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

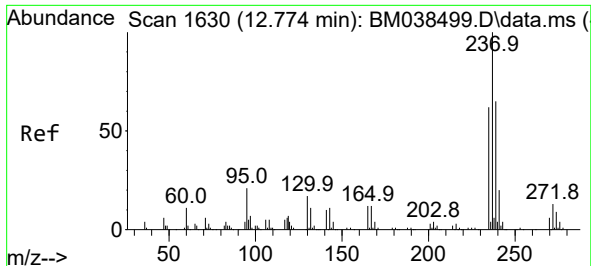
Tgt Ion:164 Resp: 114320
Ion Ratio Lower Upper
164 100
162 103.7 82.0 123.0
160 45.8 35.8 53.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 8.214 ng
RT: 12.798 min Scan# 1634
Delta R.T. -0.006 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

Tgt Ion:216 Resp: 35322
Ion Ratio Lower Upper
216 100
214 78.2 61.4 92.0
179 18.7 15.7 23.5
108 16.7 14.0 21.0

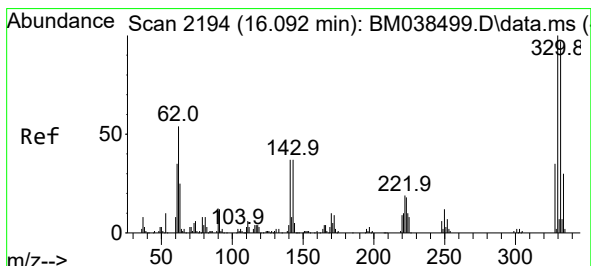
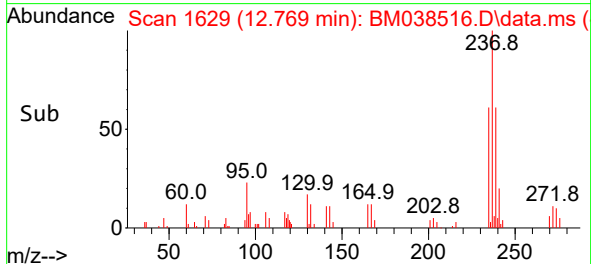
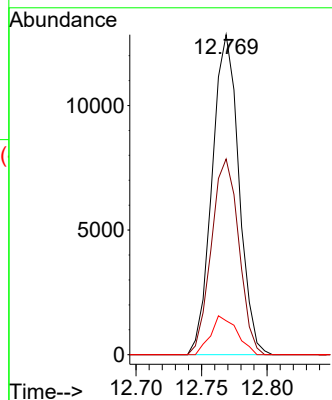
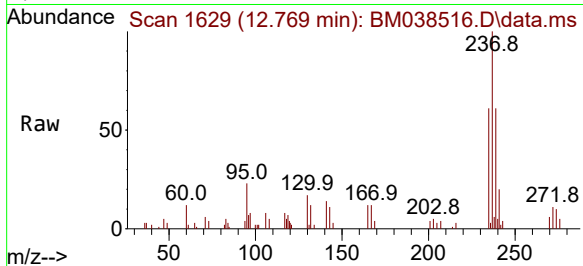




#41
Hexachlorocyclopentadiene
Concen: 7.705 ng
RT: 12.769 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

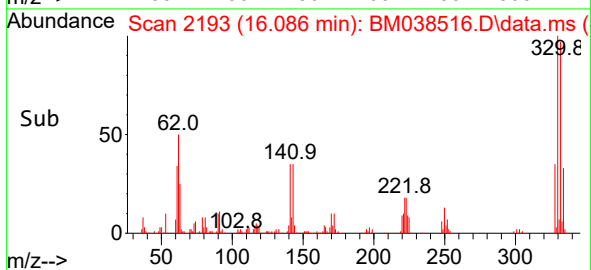
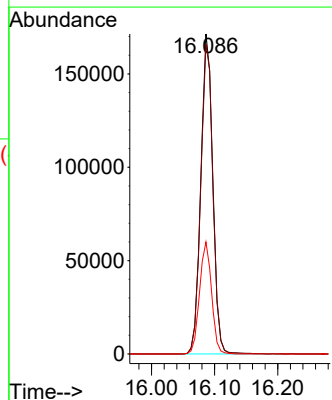
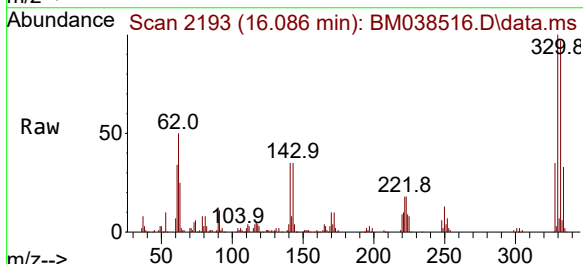
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

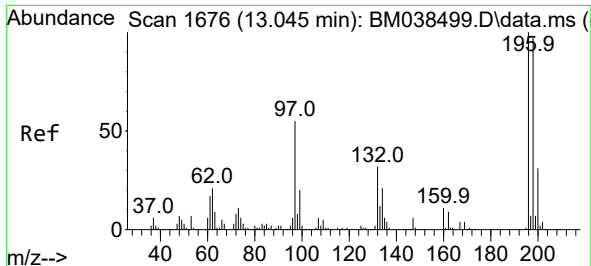
Tgt Ion:237 Resp: 18212
Ion Ratio Lower Upper
237 100
235 61.2 42.3 82.3
272 10.6 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 137.405 ng
RT: 16.086 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

Tgt Ion:330 Resp: 226202
Ion Ratio Lower Upper
330 100
332 97.9 77.5 116.3
141 34.9 29.0 43.4

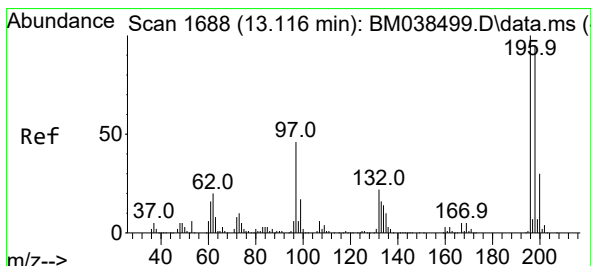
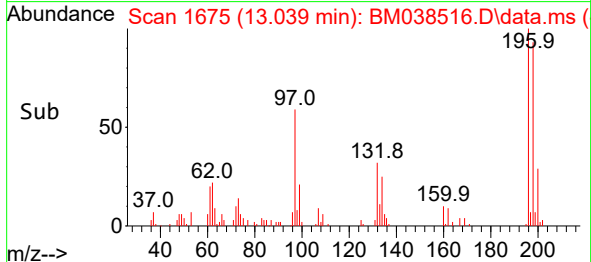
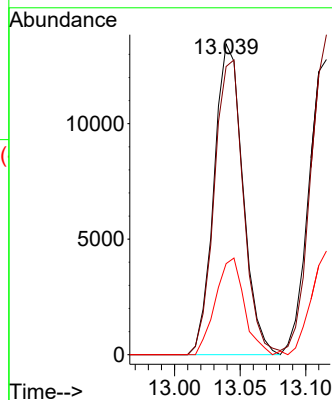
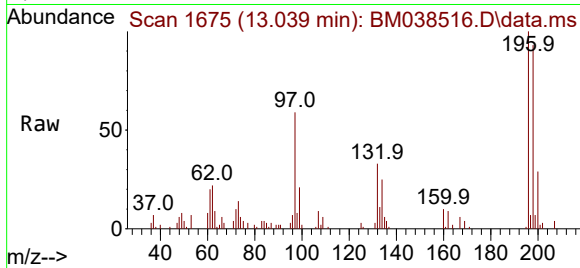




#43
2,4,6-Trichlorophenol
Concen: 7.489 ng
RT: 13.039 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

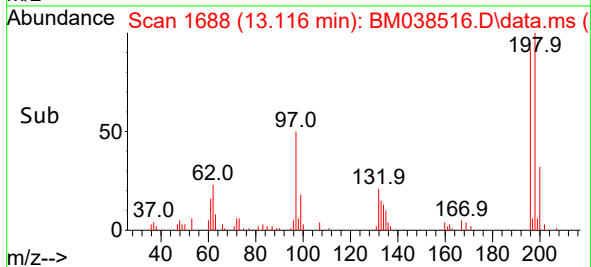
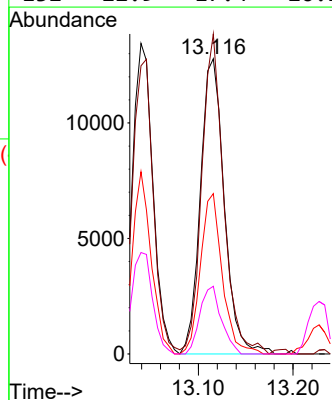
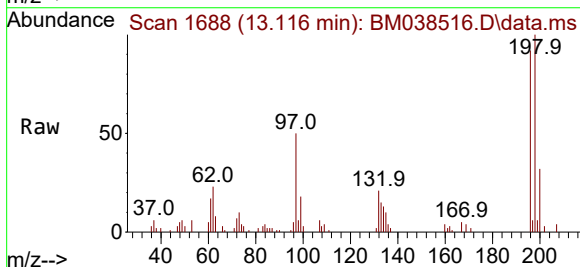
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

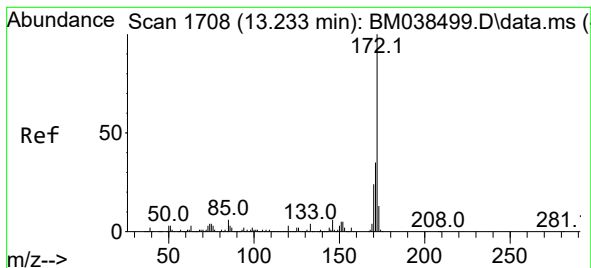
Tgt Ion:196 Resp: 20615
Ion Ratio Lower Upper
196 100
198 92.8 77.9 116.9
200 29.3 24.5 36.7



#44
2,4,5-Trichlorophenol
Concen: 6.942 ng
RT: 13.116 min Scan# 1688
Delta R.T. 0.000 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

Tgt Ion:196 Resp: 22383
Ion Ratio Lower Upper
196 100
198 108.4 76.0 114.0
97 54.3 36.9 55.3
132 22.9 17.4 26.2





#45

2-Fluorobiphenyl

Concen: 77.715 ng

RT: 13.228 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM038516.D

Acq: 23 Jan 2023 19:40

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

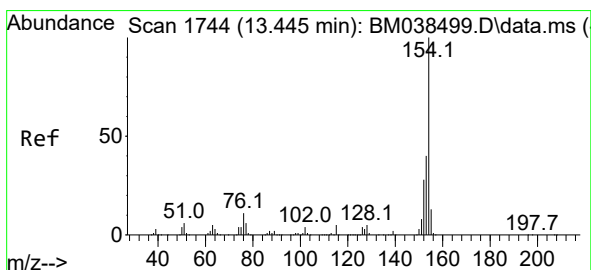
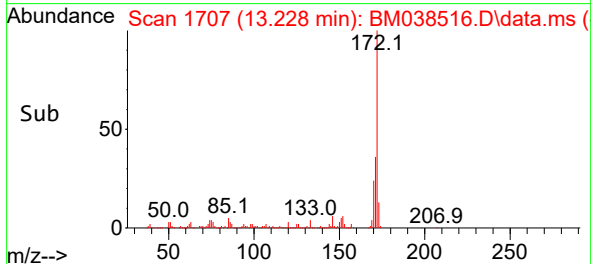
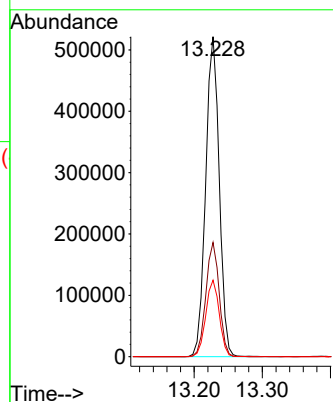
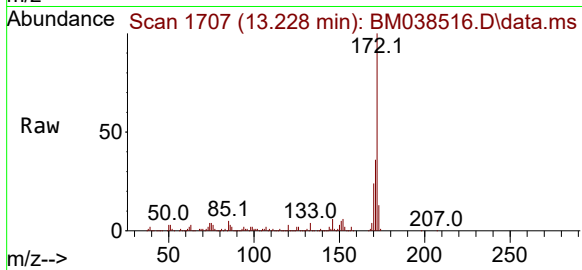
Tgt Ion:172 Resp: 721240

Ion Ratio Lower Upper

172 100

171 35.7 28.0 42.0

170 23.9 19.5 29.3



#46

1,1'-Biphenyl

Concen: 7.829 ng

RT: 13.439 min Scan# 1743

Delta R.T. -0.006 min

Lab File: BM038516.D

Acq: 23 Jan 2023 19:40

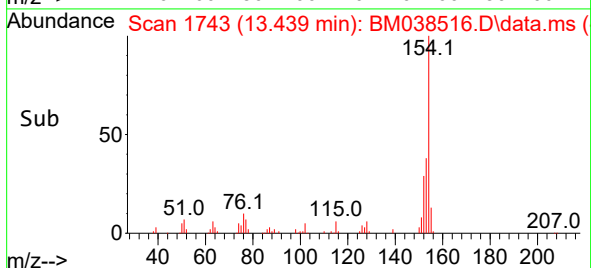
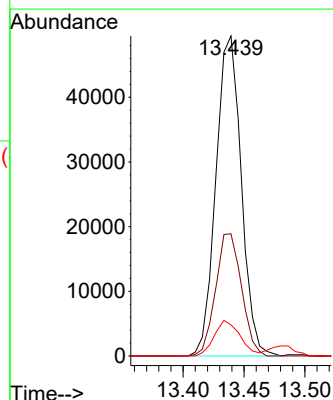
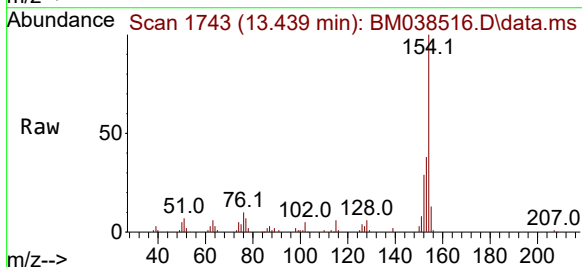
Tgt Ion:154 Resp: 71674

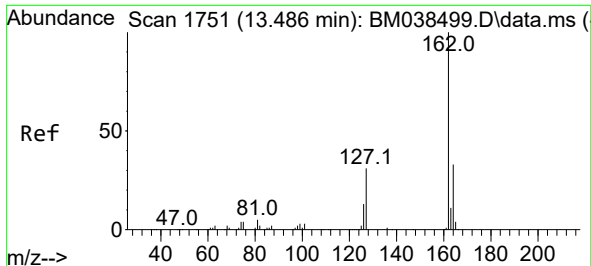
Ion Ratio Lower Upper

154 100

153 38.2 20.1 60.1

76 9.7 0.0 31.3

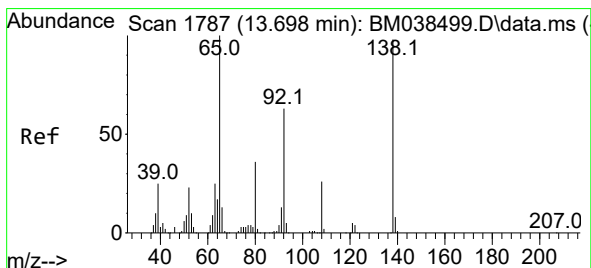
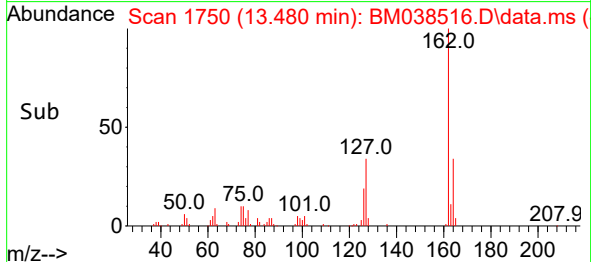
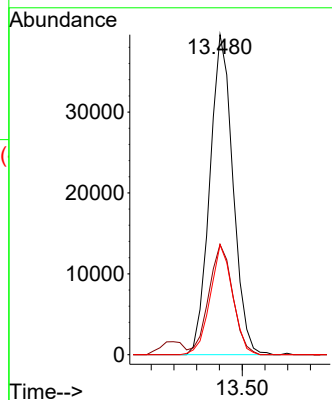
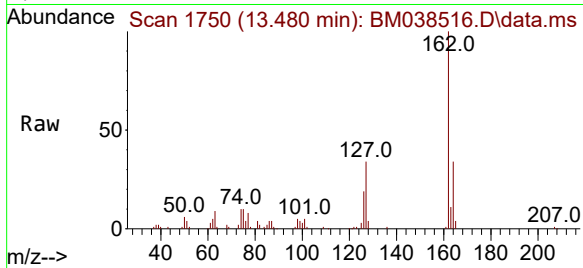




#47
2-Chloronaphthalene
Concen: 7.851 ng
RT: 13.480 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

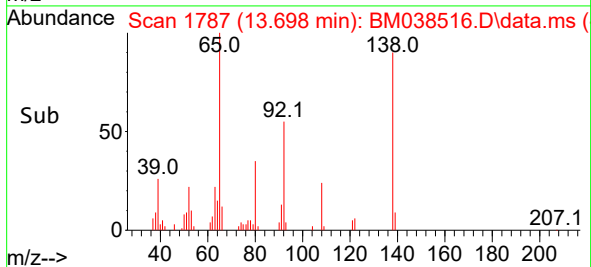
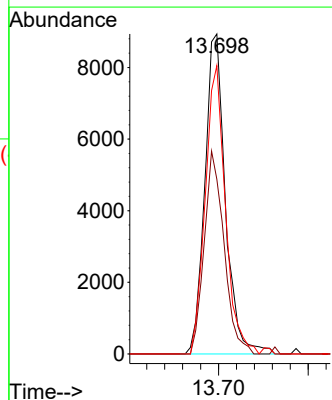
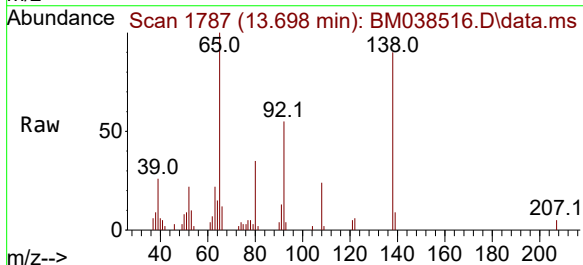
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

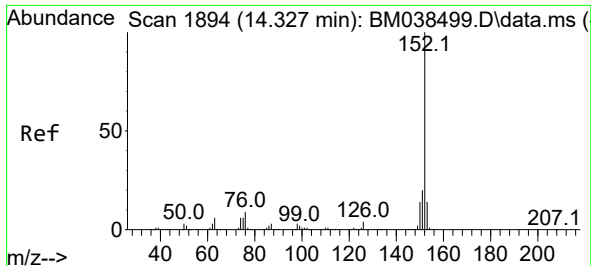
Tgt Ion	Ratio	Lower	Upper
162	100		
127	34.4	27.4	41.2
164	34.4	26.7	40.1



#48
2-Nitroaniline
Concen: 6.786 ng
RT: 13.698 min Scan# 1787
Delta R.T. 0.000 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

Tgt Ion	Ratio	Lower	Upper
65	100		
92	54.6	50.0	75.0
138	90.1	78.2	117.2

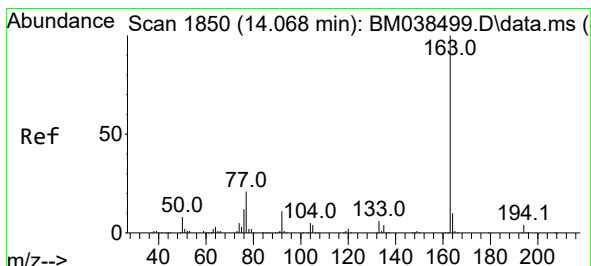
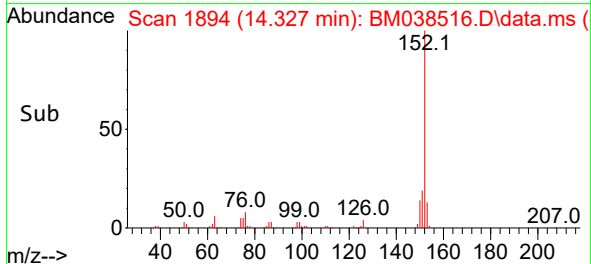
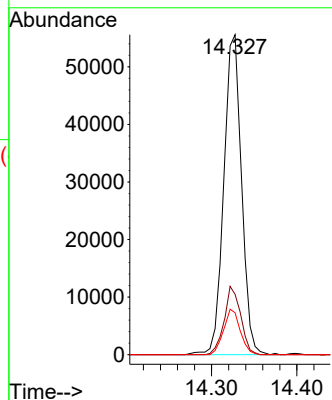
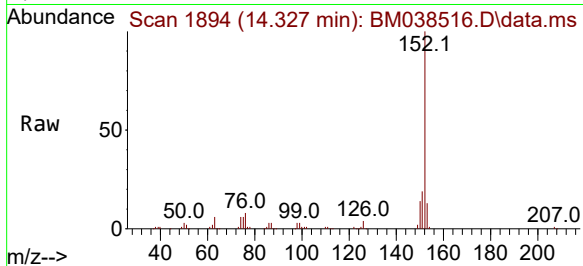




#49
Acenaphthylene
Concen: 7.178 ng
RT: 14.327 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

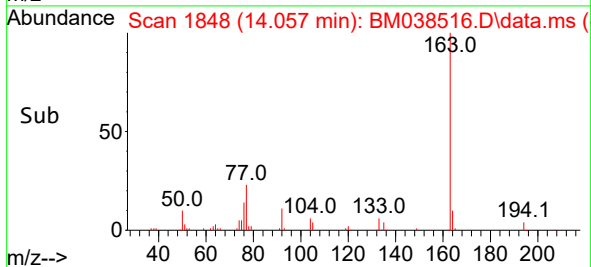
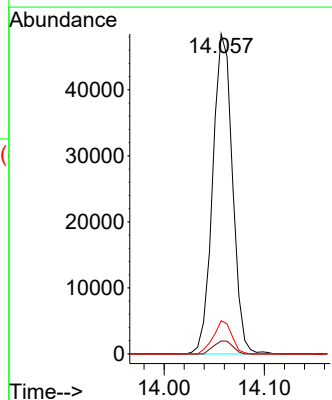
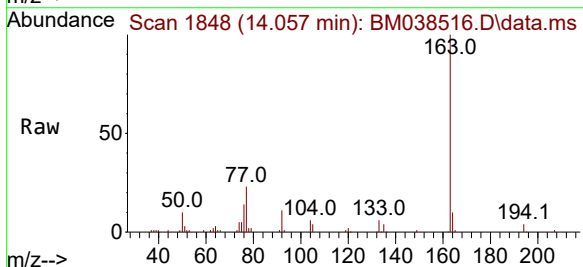
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

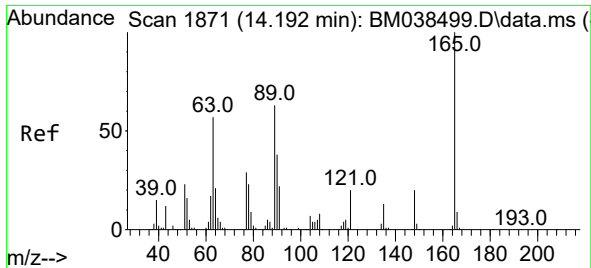
Tgt Ion:152 Resp: 80264
Ion Ratio Lower Upper
152 100
151 18.9 16.0 24.0
153 13.1 10.8 16.2



#50
Dimethylphthalate
Concen: 7.554 ng
RT: 14.057 min Scan# 1848
Delta R.T. -0.012 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

Tgt Ion:163 Resp: 66480
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.4 8.0 12.0

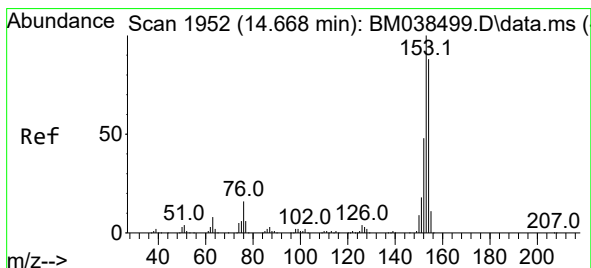
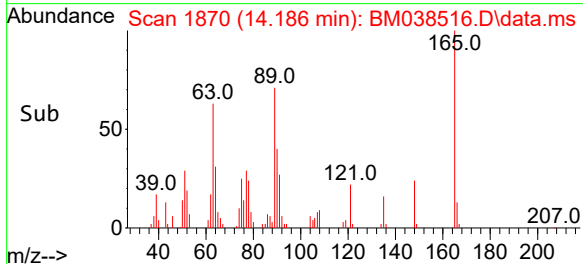
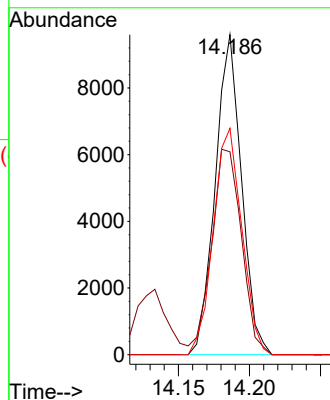
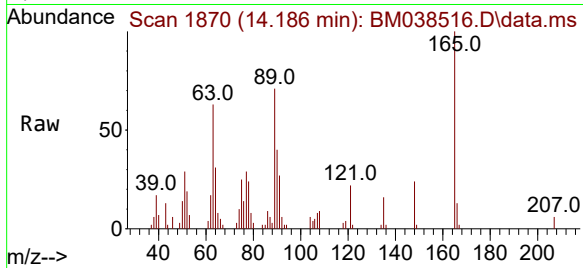




#51
2,6-Dinitrotoluene
Concen: 6.662 ng
RT: 14.186 min Scan# 1871
Delta R.T. -0.006 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

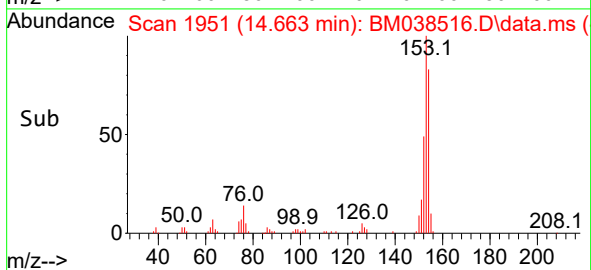
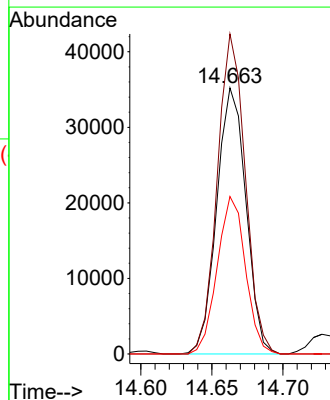
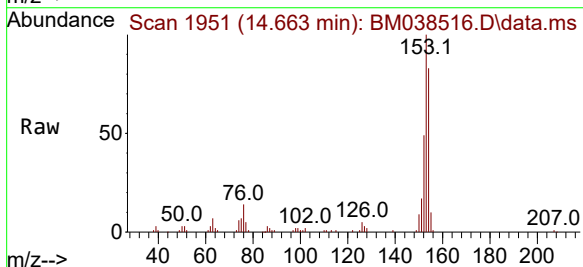
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

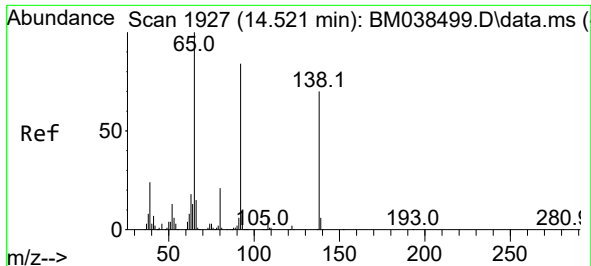
Tgt Ion:165 Resp: 12337
Ion Ratio Lower Upper
165 100
63 63.4 51.0 76.4
89 70.8 50.2 75.4



#52
Acenaphthene
Concen: 7.390 ng
RT: 14.663 min Scan# 1951
Delta R.T. -0.006 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

Tgt Ion:154 Resp: 50399
Ion Ratio Lower Upper
154 100
153 120.2 90.7 136.1
152 59.2 43.8 65.8

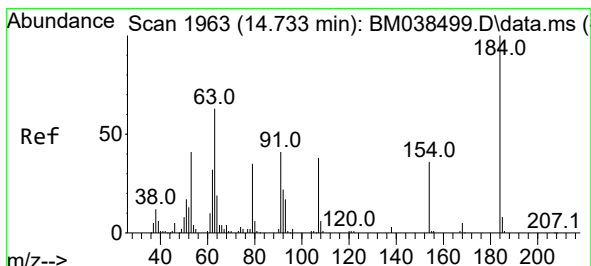
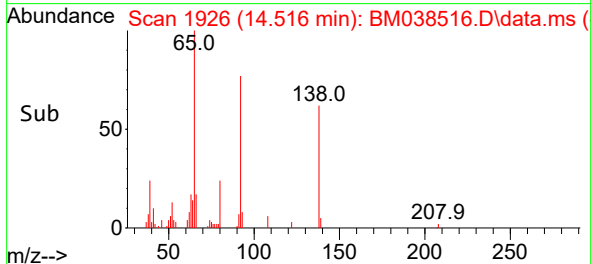
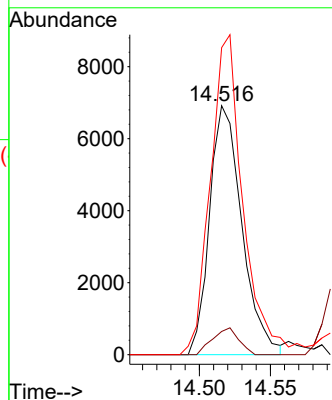
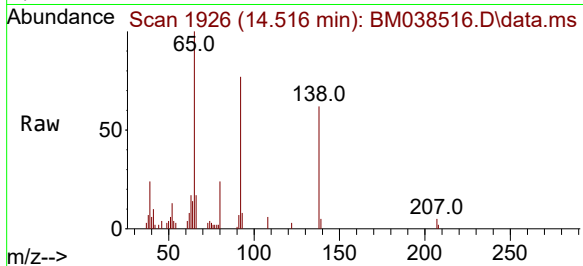




#53
3-Nitroaniline
Concen: 5.957 ng
RT: 14.516 min Scan# 1926
Delta R.T. -0.005 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

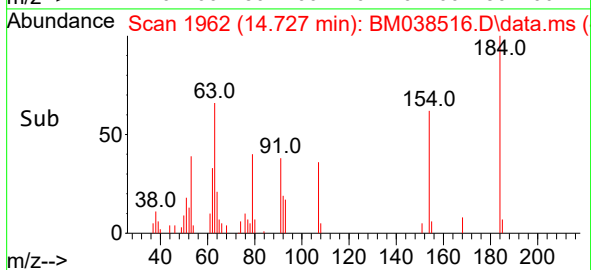
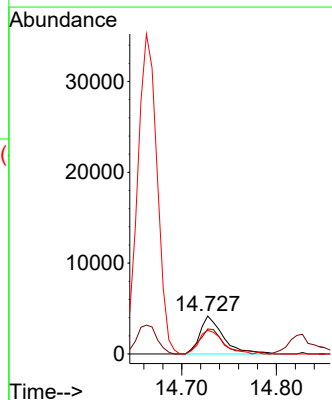
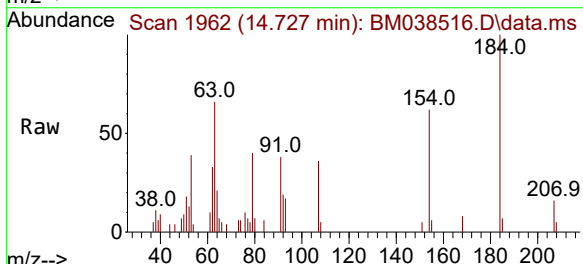
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

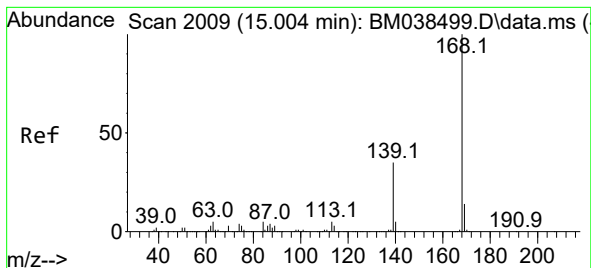
Tgt Ion:138 Resp: 10963
Ion Ratio Lower Upper
138 100
108 9.3 7.0 10.4
92 123.3 95.7 143.5



#54
2,4-Dinitrophenol
Concen: 9.463 ng
RT: 14.727 min Scan# 1962
Delta R.T. -0.006 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

Tgt Ion:184 Resp: 7095
Ion Ratio Lower Upper
184 100
63 65.8 52.2 78.4
154 62.5 48.9 73.3





#55

Dibenzofuran

Concen: 7.689 ng

RT: 14.998 min Scan# 2009

Delta R.T. -0.006 min

Lab File: BM038516.D

Acq: 23 Jan 2023 19:40

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

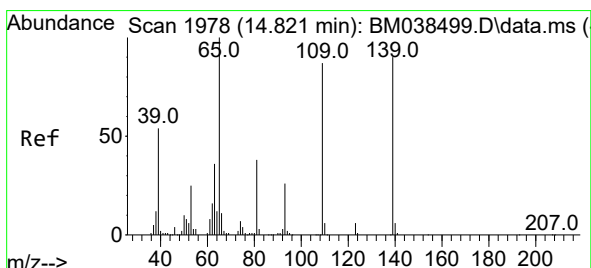
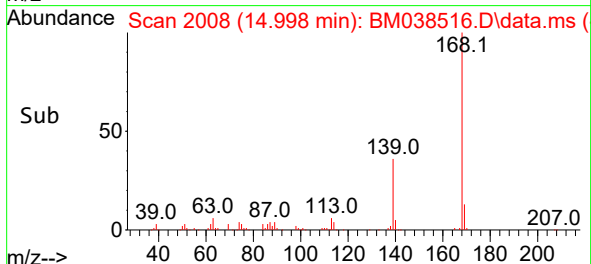
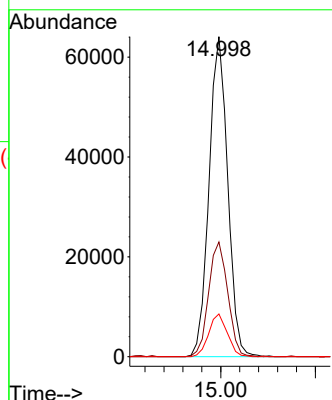
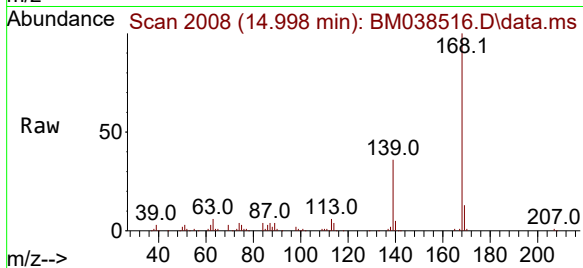
Tgt Ion:168 Resp: 87661

Ion Ratio Lower Upper

168 100

139 35.9 27.9 41.9

169 13.3 11.0 16.6



#56

4-Nitrophenol

Concen: 5.166 ng

RT: 14.822 min Scan# 1978

Delta R.T. 0.001 min

Lab File: BM038516.D

Acq: 23 Jan 2023 19:40

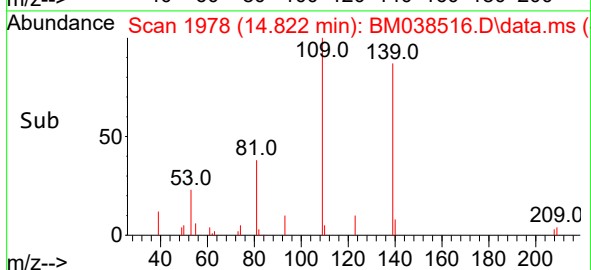
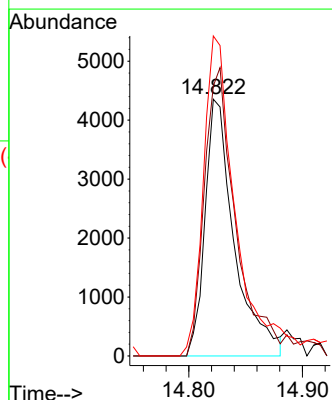
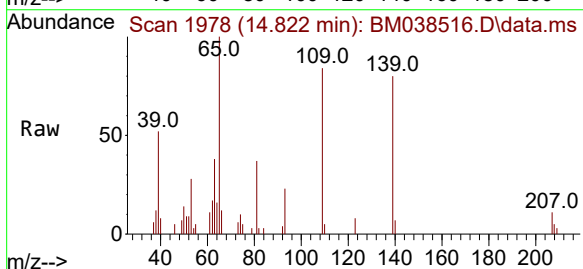
Tgt Ion:139 Resp: 7830

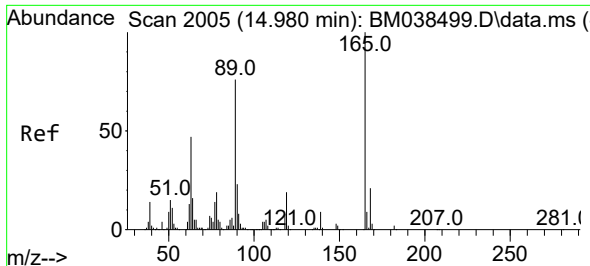
Ion Ratio Lower Upper

139 100

109 105.1 76.8 116.8

65 124.6 91.7 131.7





#57

2,4-Dinitrotoluene

Concen: 6.843 ng

RT: 14.975 min Scan# 2005

Delta R.T. -0.005 min

Lab File: BM038516.D

Acq: 23 Jan 2023 19:40

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

Tgt Ion:165 Resp: 17180

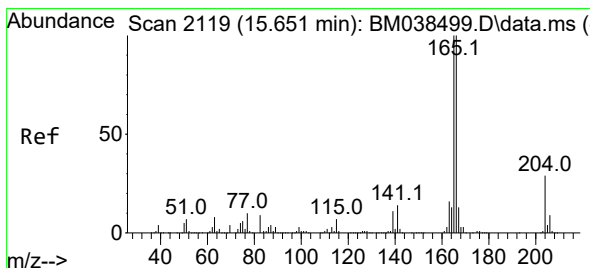
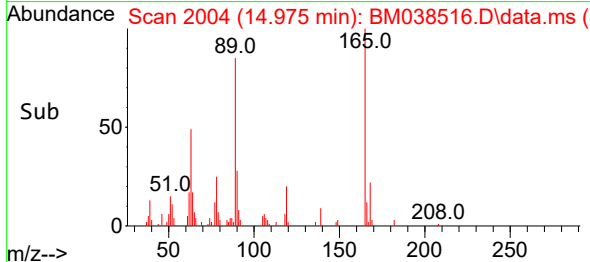
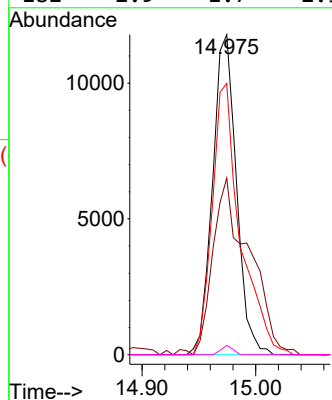
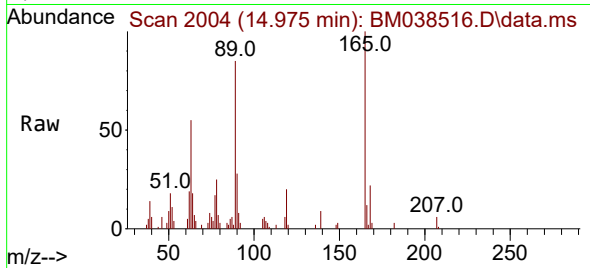
Ion Ratio Lower Upper

165 100

63 55.2 37.8 56.8

89 84.7 60.9 91.3

182 2.9 1.7 2.5#



#58

Fluorene

Concen: 7.346 ng

RT: 15.645 min Scan# 2118

Delta R.T. -0.006 min

Lab File: BM038516.D

Acq: 23 Jan 2023 19:40

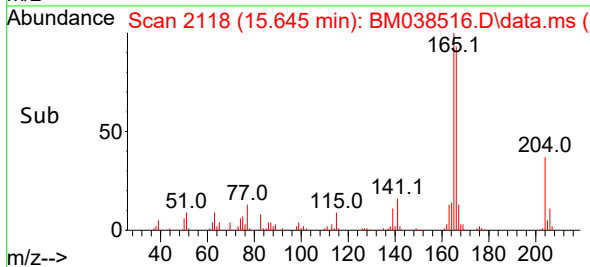
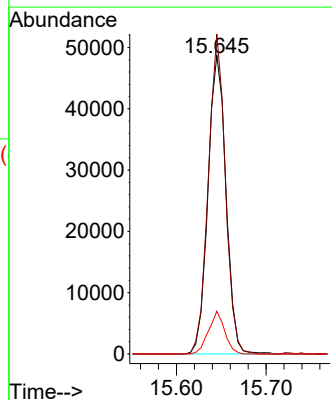
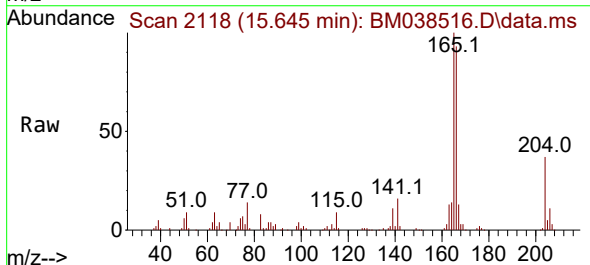
Tgt Ion:166 Resp: 67913

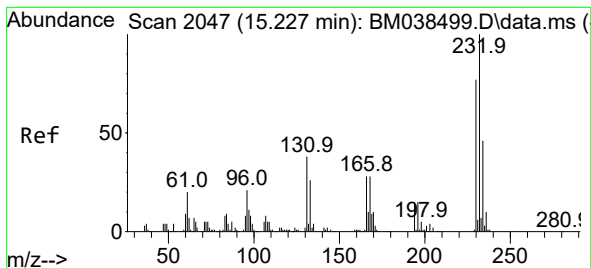
Ion Ratio Lower Upper

166 100

165 107.1 79.6 119.4

167 14.3 10.5 15.7

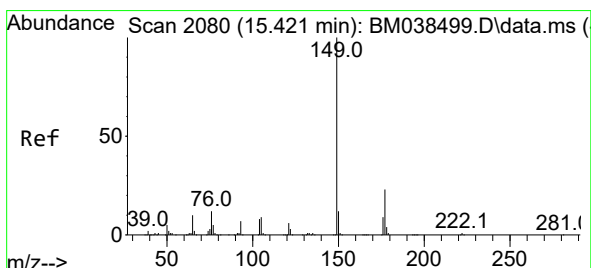
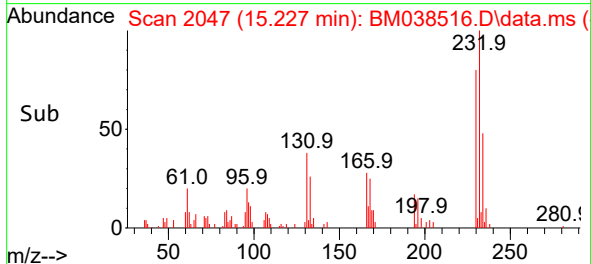
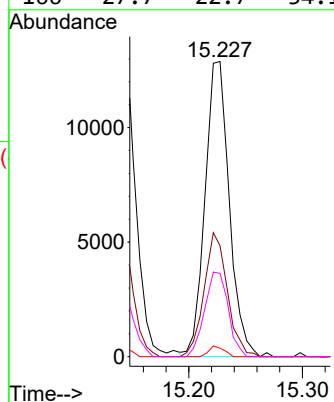
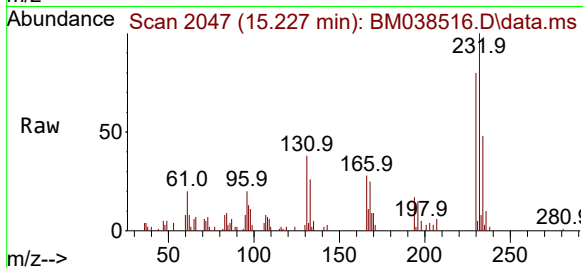




#59
2,3,4,6-Tetrachlorophenol
Concen: 7.262 ng
RT: 15.227 min Scan# 2047
Delta R.T. 0.000 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

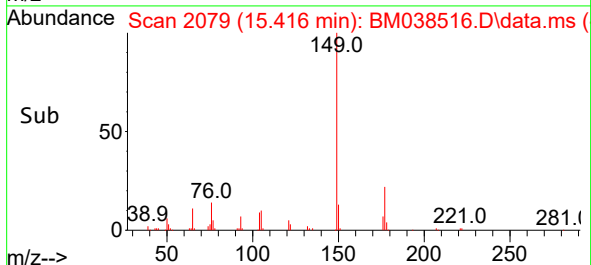
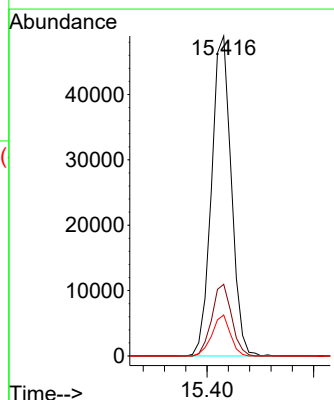
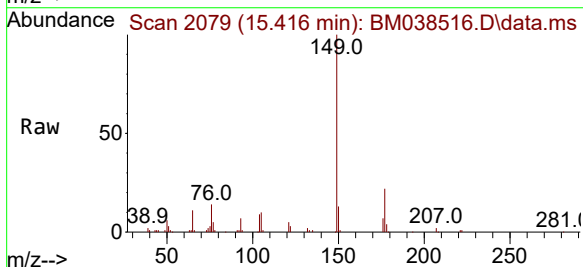
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

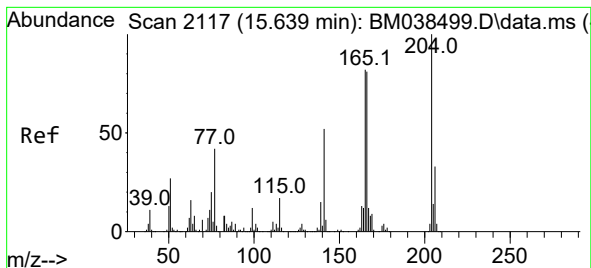
Tgt Ion:	232	Resp:	19139
Ion Ratio	Lower	Upper	
232	100		
131	40.3	31.0	46.4
130	2.2	1.8	2.6
166	27.7	22.7	34.1



#60
Diethylphthalate
Concen: 7.307 ng
RT: 15.416 min Scan# 2079
Delta R.T. -0.006 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

Tgt Ion:	149	Resp:	62971
Ion Ratio	Lower	Upper	
149	100		
177	22.4	18.6	27.8
150	12.8	9.5	14.3

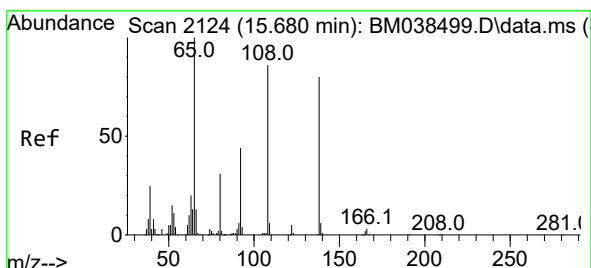
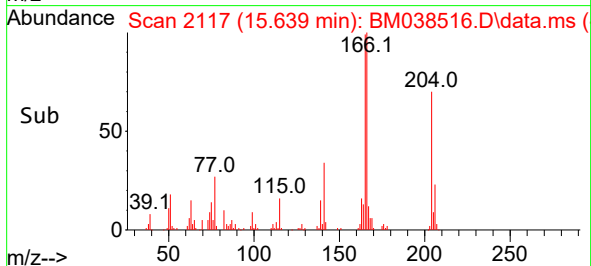
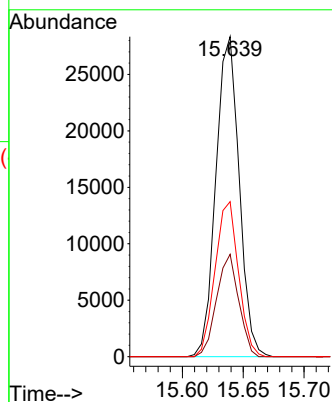
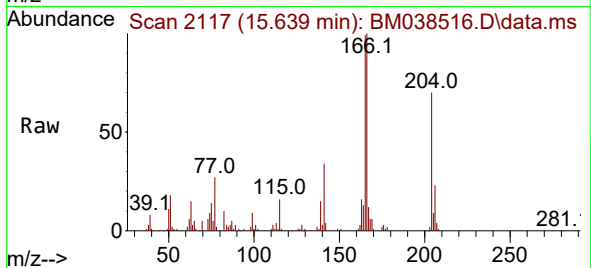




#61
4-Chlorophenyl-phenylether
Concen: 7.766 ng
RT: 15.639 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

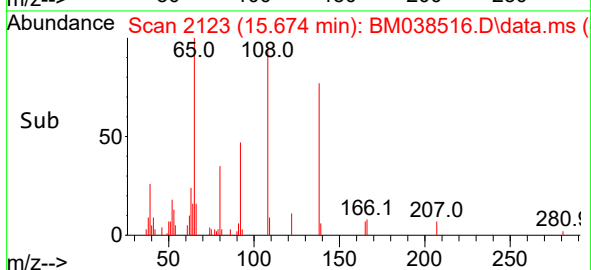
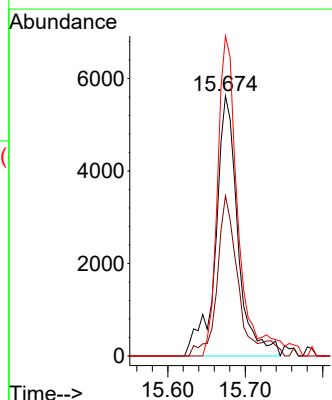
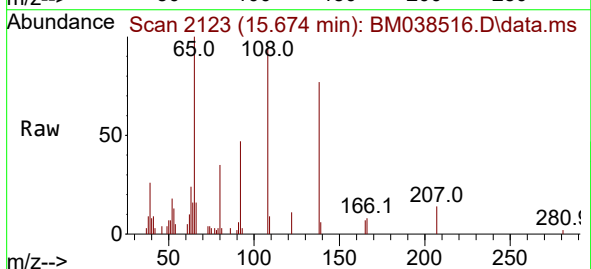
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

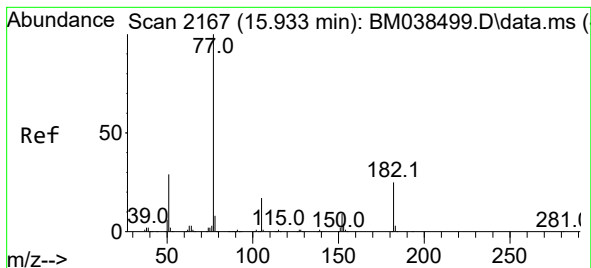
Tgt Ion:204 Resp: 37695
Ion Ratio Lower Upper
204 100
206 32.0 26.2 39.4
141 48.4 41.5 62.3



#62
4-Nitroaniline
Concen: 8.296 ng
RT: 15.674 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

Tgt Ion:138 Resp: 11172
Ion Ratio Lower Upper
138 100
92 61.6 35.2 75.2
108 123.1 87.3 127.3





#63

Azobenzene

Concen: 7.275 ng

RT: 15.927 min Scan# 2166

Delta R.T. -0.006 min

Lab File: BM038516.D

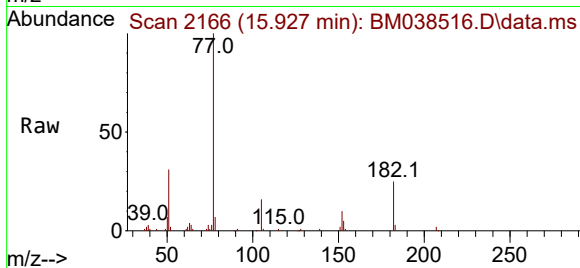
Acq: 23 Jan 2023 19:40

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022



Tgt Ion: 77 Resp: 66424

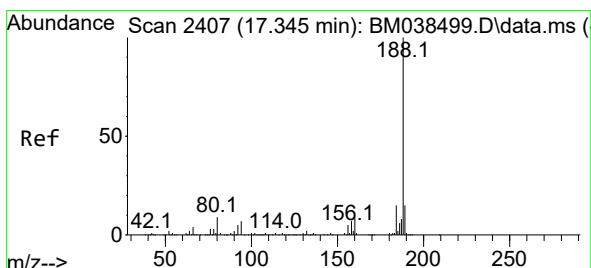
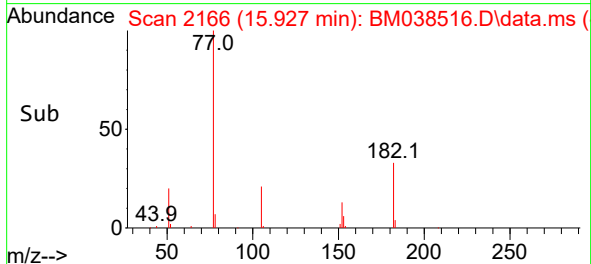
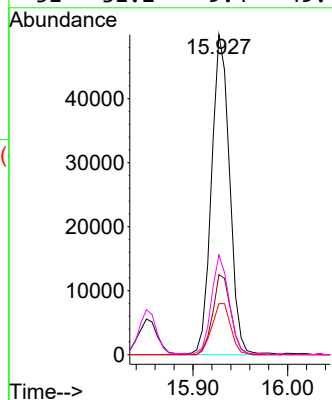
Ion Ratio Lower Upper

77 100

182 25.0 4.7 44.7

105 16.0 0.0 36.7

51 31.2 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: BM038516.D

Acq: 23 Jan 2023 19:40

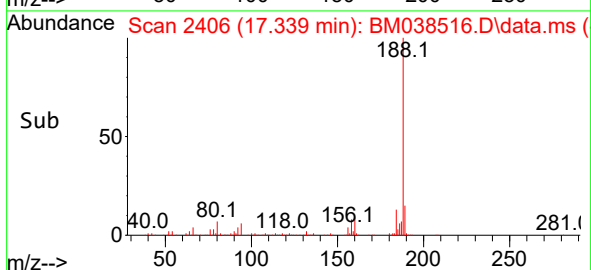
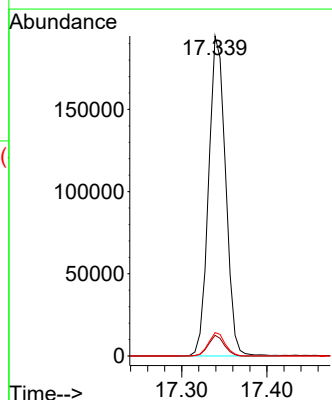
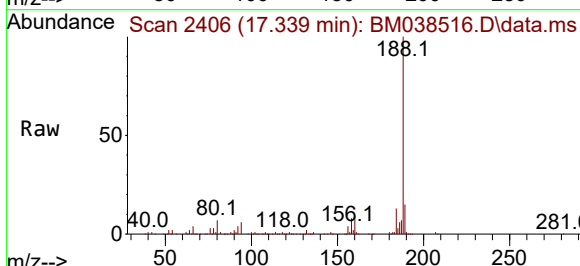
Tgt Ion: 188 Resp: 269052

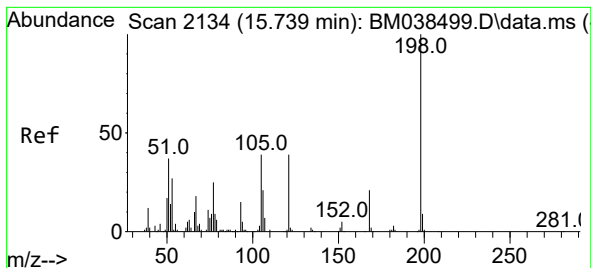
Ion Ratio Lower Upper

188 100

94 6.4 6.0 9.0

80 7.3 6.9 10.3

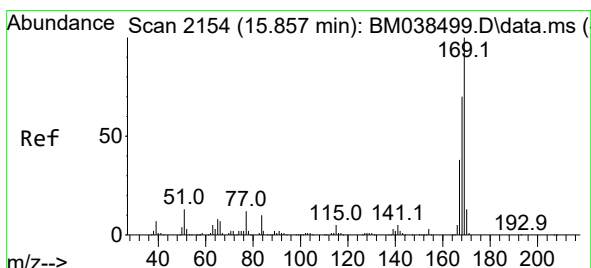
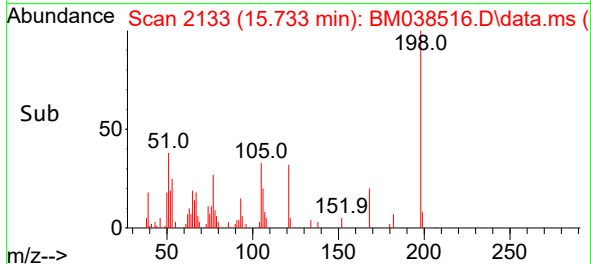
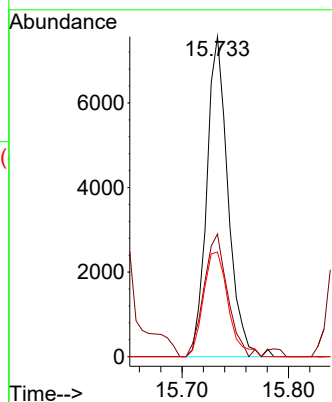
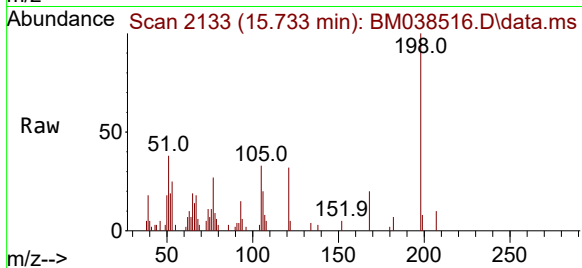




#65
4,6-Dinitro-2-methylphenol
Concen: 6.024 ng
RT: 15.733 min Scan# 2133
Delta R.T. -0.006 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

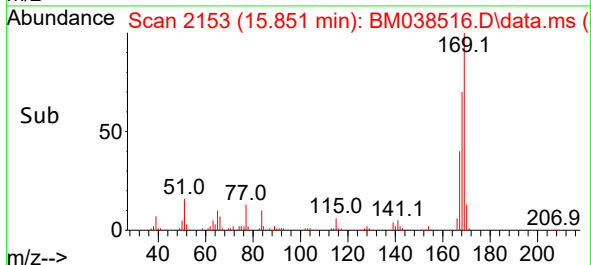
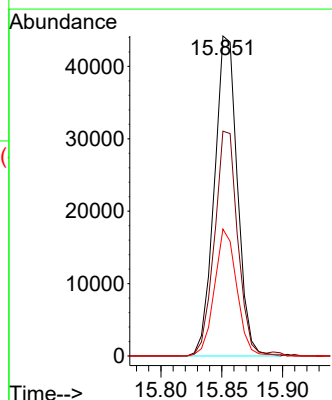
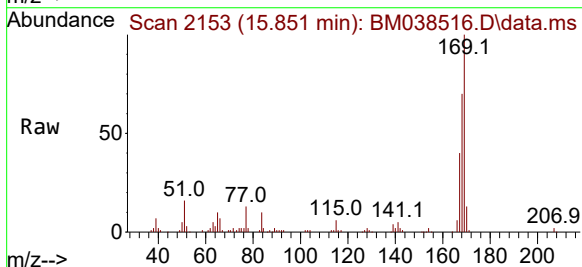
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

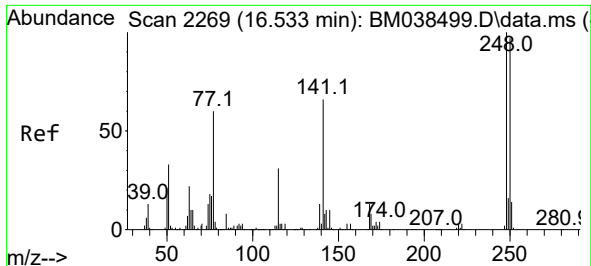
Tgt Ion	Ratio	Lower	Upper
198	100		
51	38.3	18.8	58.8
105	32.7	19.7	59.7



#66
n-Nitrosodiphenylamine
Concen: 7.187 ng
RT: 15.851 min Scan# 2153
Delta R.T. -0.006 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

Tgt Ion	Ratio	Lower	Upper
169	100		
168	70.2	55.8	83.8
167	39.7	30.3	45.5

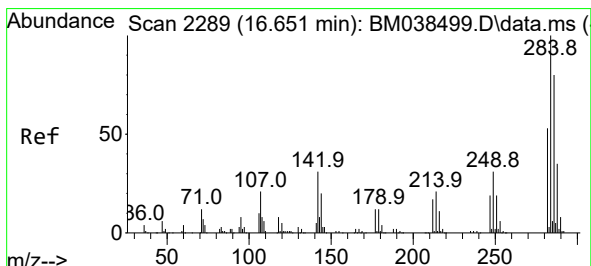
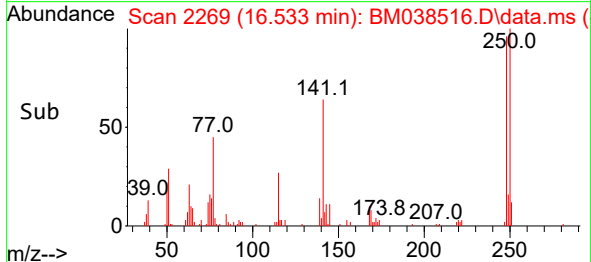
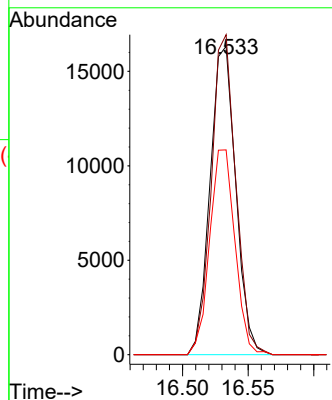
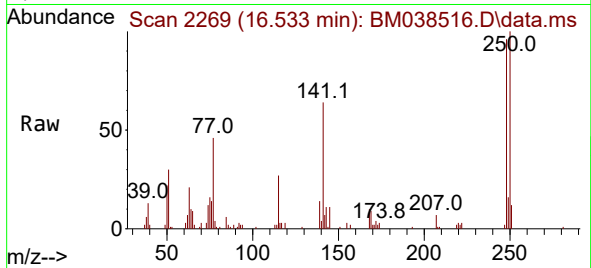




#67
4-Bromophenyl-phenylether
Concen: 7.463 ng
RT: 16.533 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

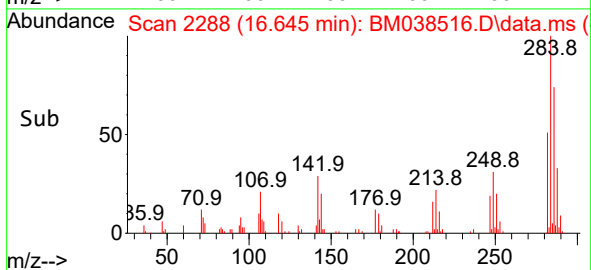
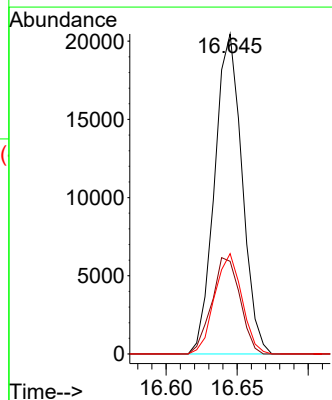
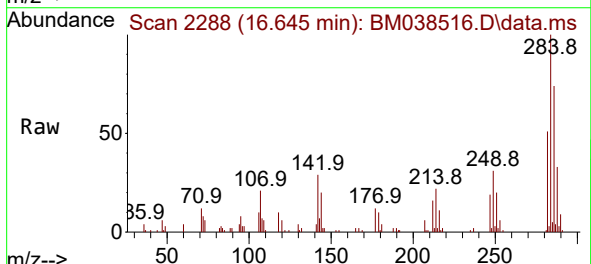
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

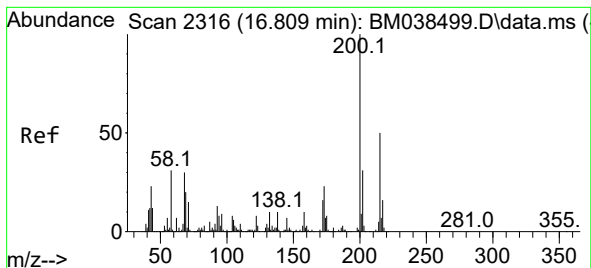
Tgt Ion:248	Resp:	22271
Ion Ratio	Lower	Upper
248	100	
250	103.7	77.6 116.4
141	66.4	52.5 78.7



#68
Hexachlorobenzene
Concen: 8.527 ng
RT: 16.645 min Scan# 2288
Delta R.T. -0.006 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

Tgt Ion:284	Resp:	27460
Ion Ratio	Lower	Upper
284	100	
142	28.9	25.2 37.8
249	31.3	24.4 36.6





#69

Atrazine

Concen: 7.630 ng

RT: 16.804 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM038516.D

Acq: 23 Jan 2023 19:40

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

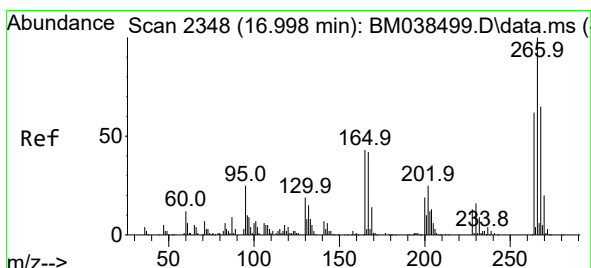
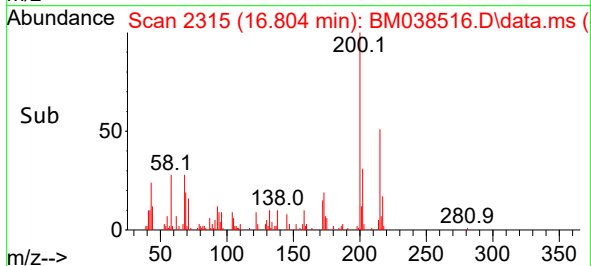
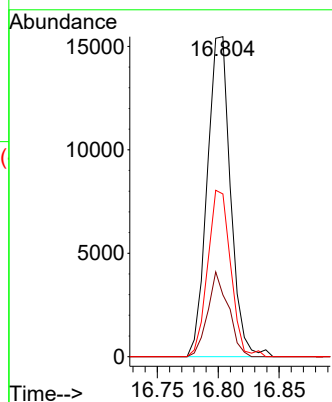
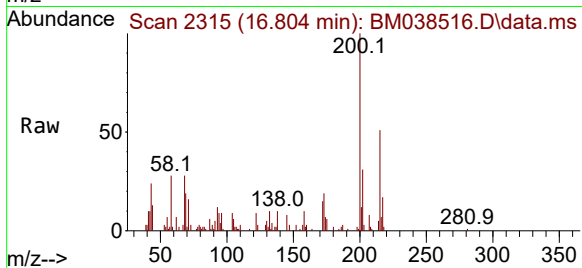
Tgt Ion:200 Resp: 20560

Ion Ratio Lower Upper

200 100

173 19.3 3.5 43.5

215 50.9 30.0 70.0



#70

Pentachlorophenol

Concen: 6.151 ng

RT: 16.992 min Scan# 2347

Delta R.T. -0.006 min

Lab File: BM038516.D

Acq: 23 Jan 2023 19:40

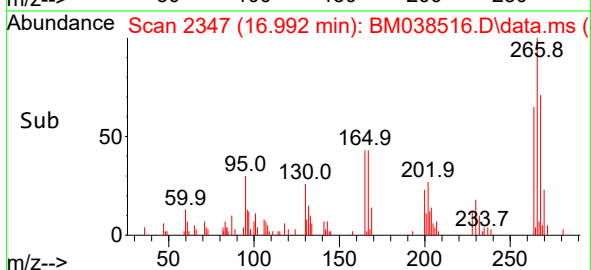
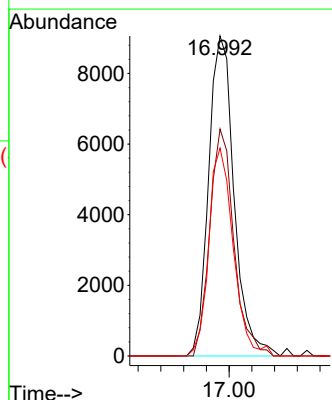
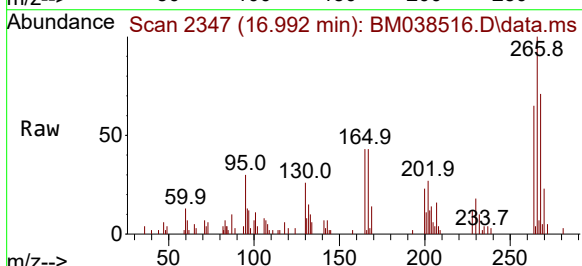
Tgt Ion:266 Resp: 14105

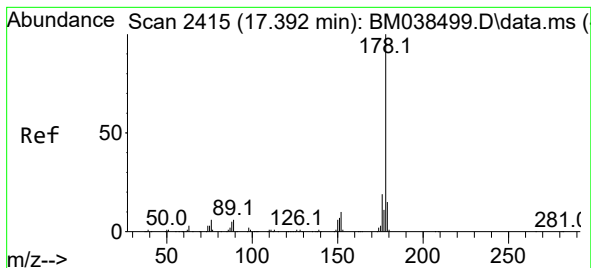
Ion Ratio Lower Upper

266 100

268 70.9 51.7 77.5

264 64.9 49.4 74.0





#71

Phenanthrene

Concen: 7.532 ng

RT: 17.386 min Scan# 2415

Delta R.T. -0.006 min

Lab File: BM038516.D

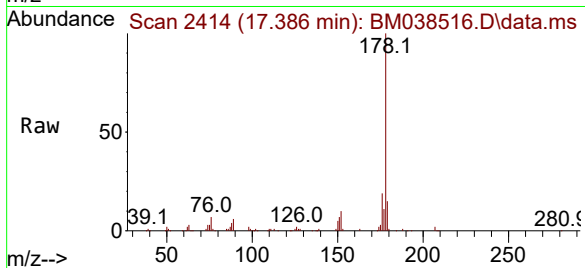
Acq: 23 Jan 2023 19:40

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022



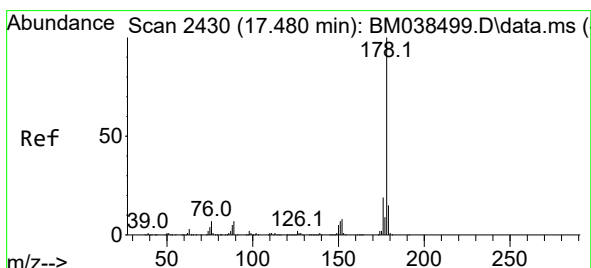
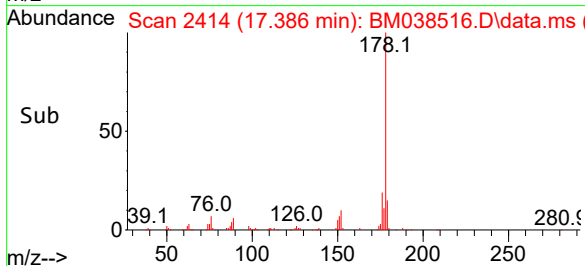
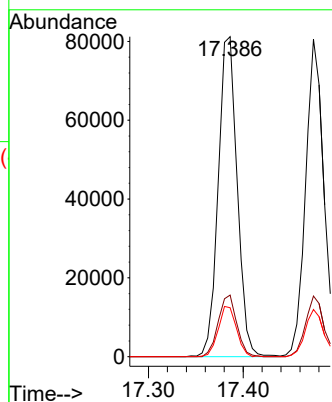
Tgt Ion:178 Resp: 113171

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.2

179 15.3 12.2 18.4



#72

Anthracene

Concen: 7.163 ng

RT: 17.474 min Scan# 2429

Delta R.T. -0.006 min

Lab File: BM038516.D

Acq: 23 Jan 2023 19:40

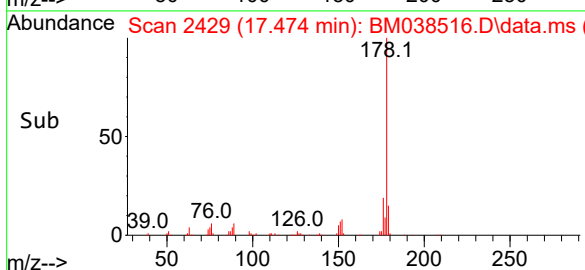
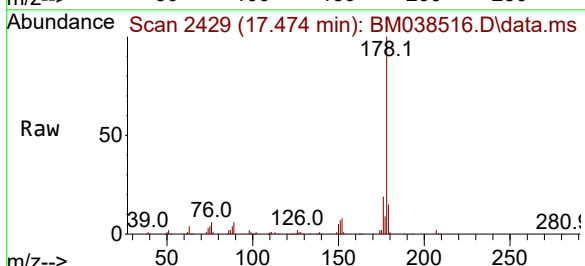
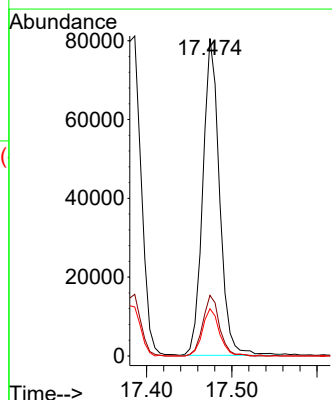
Tgt Ion:178 Resp: 109518

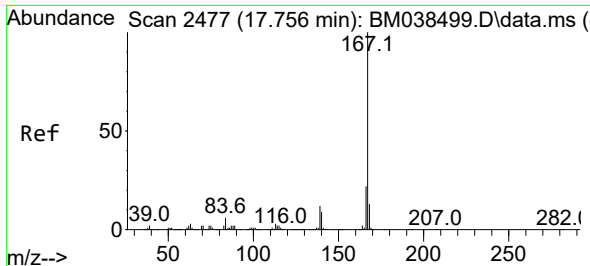
Ion Ratio Lower Upper

178 100

176 19.1 15.0 22.6

179 14.9 12.2 18.4

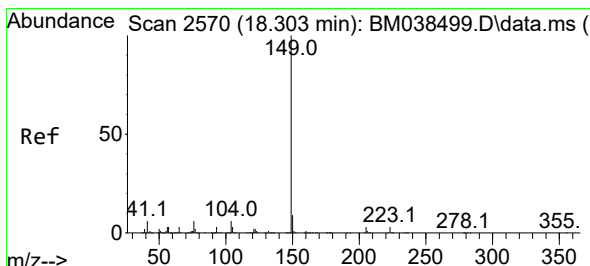
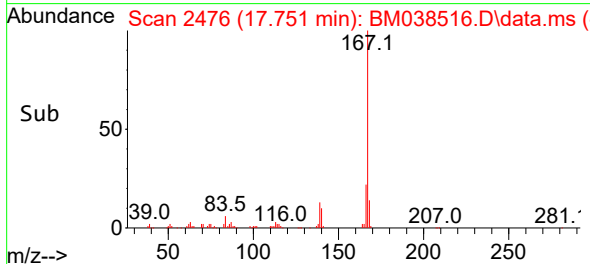
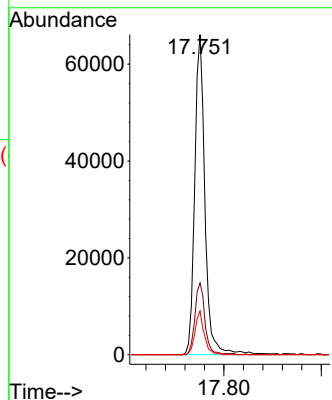
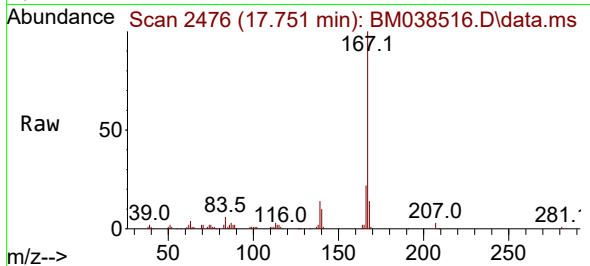




#73
 Carbazole
 Concen: 7.214 ng
 RT: 17.751 min Scan# 2477
 Delta R.T. -0.006 min
 Lab File: BM038516.D
 Acq: 23 Jan 2023 19:40

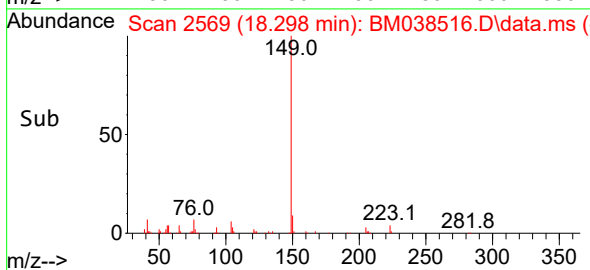
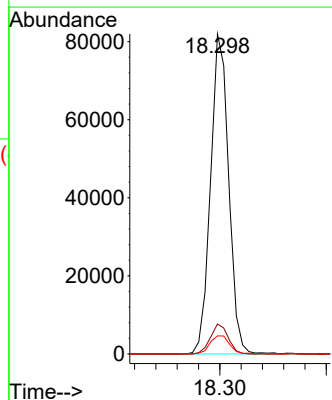
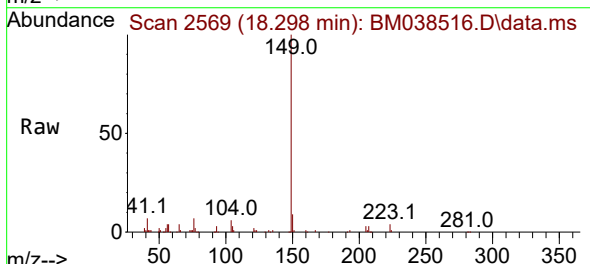
Instrument : BNA_M
 ClientSampleId : LOD-MDL-WATER-01-QT4-2022

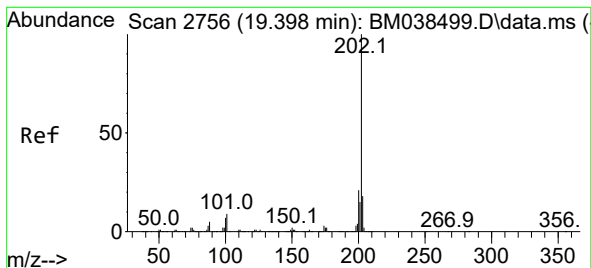
Tgt Ion:167 Resp: 97124
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.7 26.5
 139 13.7 9.4 14.0



#74
 Di-n-butylphthalate
 Concen: 6.535 ng
 RT: 18.298 min Scan# 2569
 Delta R.T. -0.006 min
 Lab File: BM038516.D
 Acq: 23 Jan 2023 19:40

Tgt Ion:149 Resp: 96662
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 5.6 4.6 6.8





#75

Fluoranthene

Concen: 7.414 ng

RT: 19.398 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM038516.D

Acq: 23 Jan 2023 19:40

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

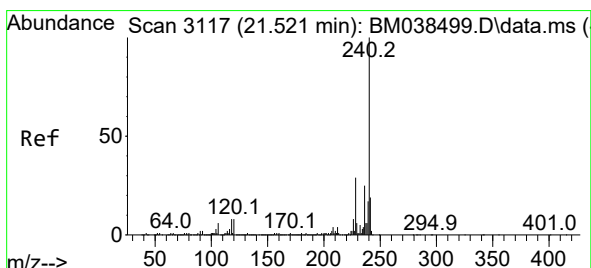
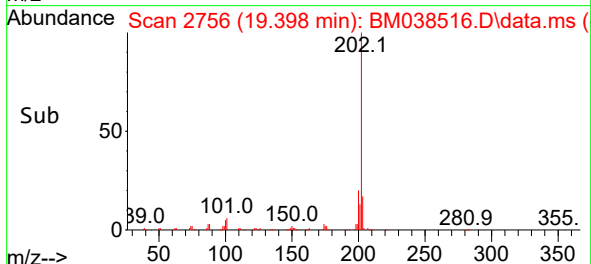
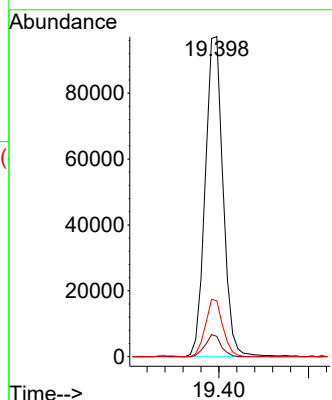
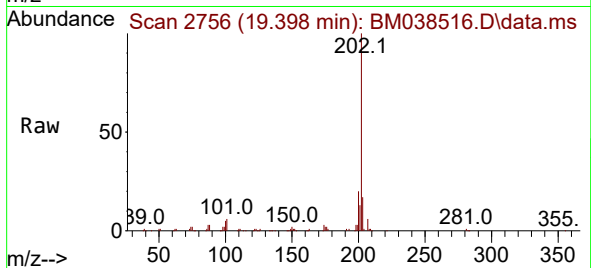
Tgt Ion:202 Resp: 133882

Ion Ratio Lower Upper

202 100

101 6.4 0.0 28.7

203 17.4 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: BM038516.D

Acq: 23 Jan 2023 19:40

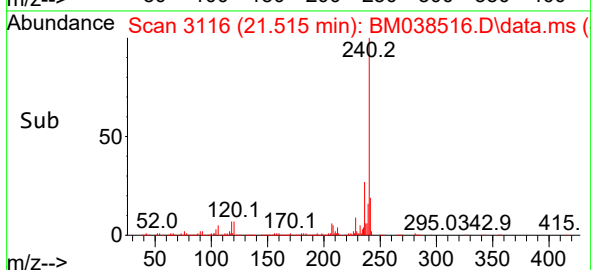
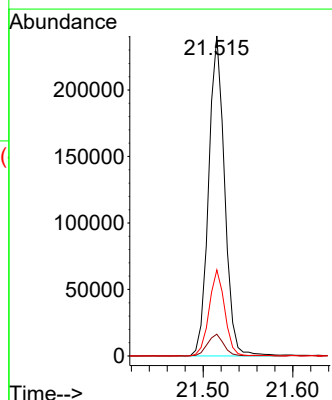
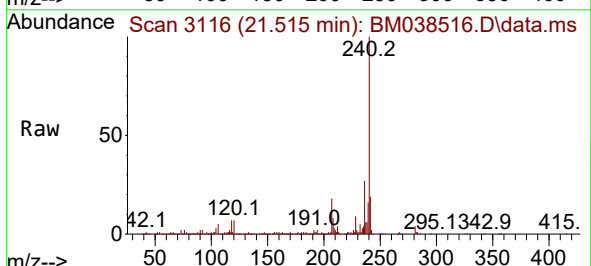
Tgt Ion:240 Resp: 296895

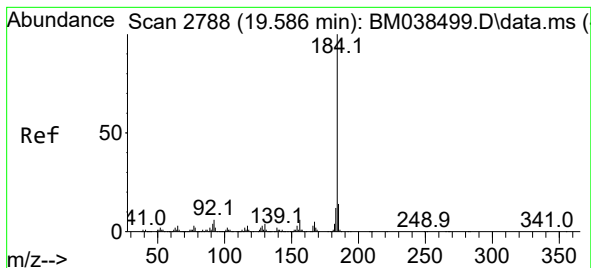
Ion Ratio Lower Upper

240 100

120 6.8 6.2 9.2

236 26.9 20.2 30.2





#77

Benzidine

Concen: 8.473 ng

RT: 19.586 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM038516.D

Acq: 23 Jan 2023 19:40

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

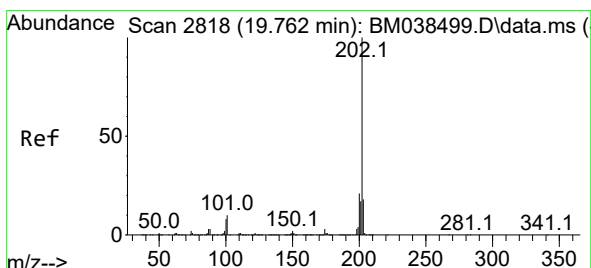
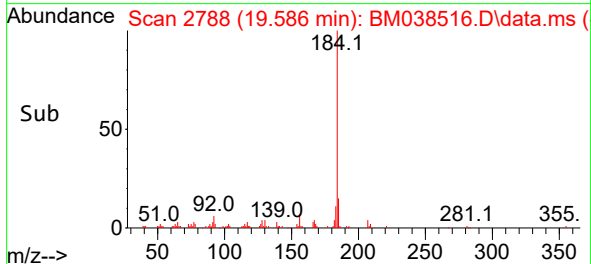
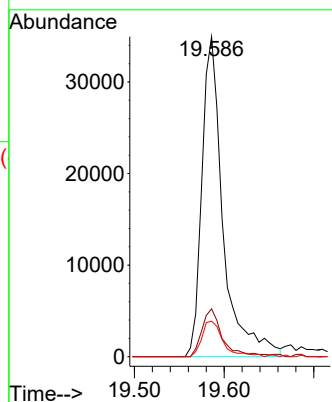
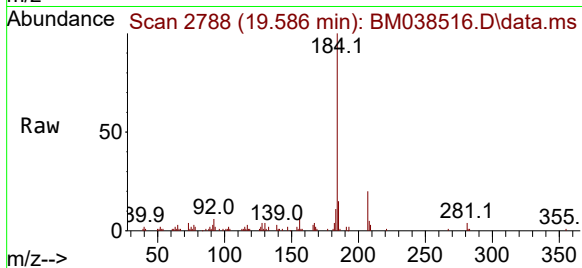
Tgt Ion:184 Resp: 57326

Ion Ratio Lower Upper

184 100

185 14.9 10.9 16.3

183 11.1 9.3 13.9



#78

Pyrene

Concen: 6.927 ng

RT: 19.757 min Scan# 2817

Delta R.T. -0.006 min

Lab File: BM038516.D

Acq: 23 Jan 2023 19:40

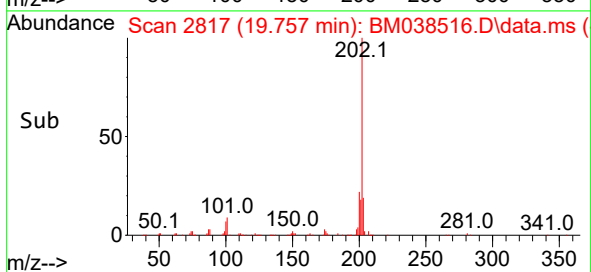
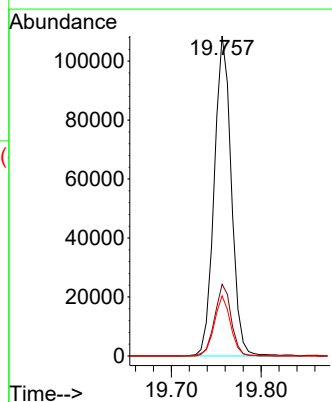
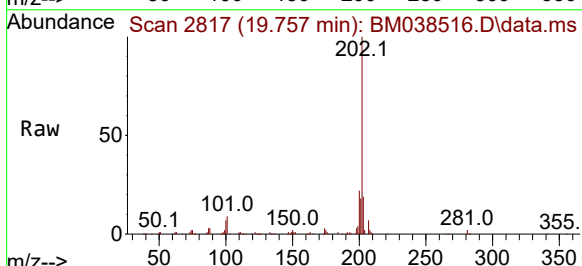
Tgt Ion:202 Resp: 143203

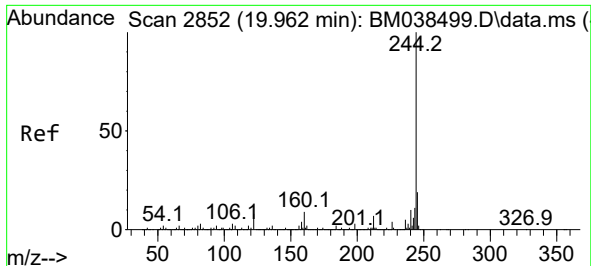
Ion Ratio Lower Upper

202 100

200 22.4 17.0 25.4

203 18.8 14.2 21.2

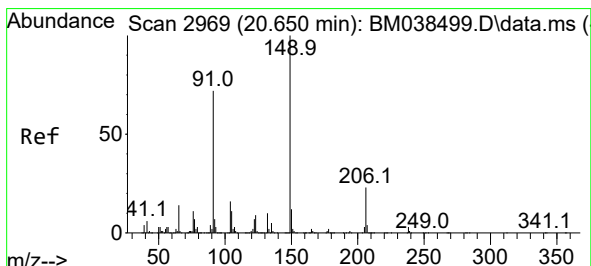
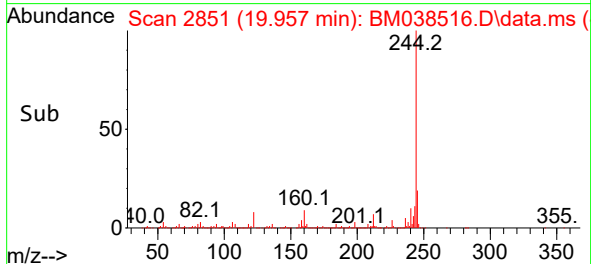
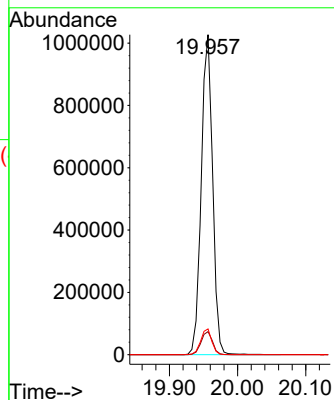
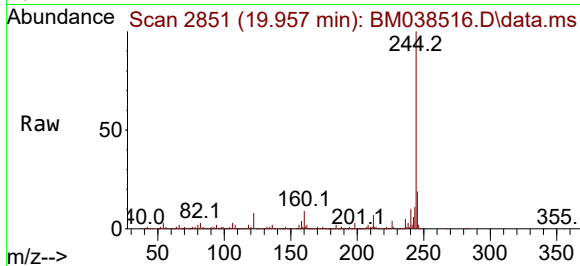




#79
 Terphenyl-d14
 Concen: 78.142 ng
 RT: 19.957 min Scan# 2851
 Delta R.T. -0.006 min
 Lab File: BM038516.D
 Acq: 23 Jan 2023 19:40

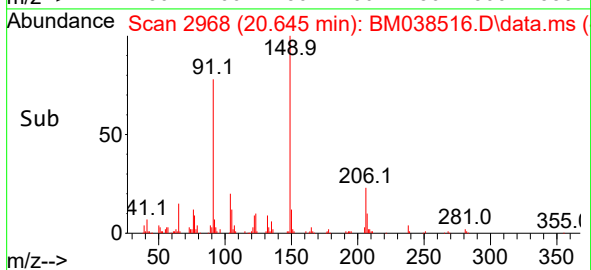
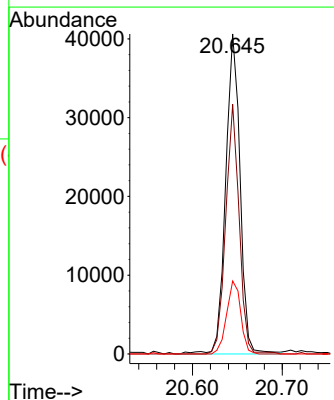
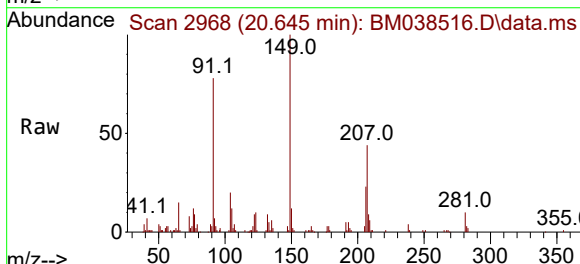
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2022

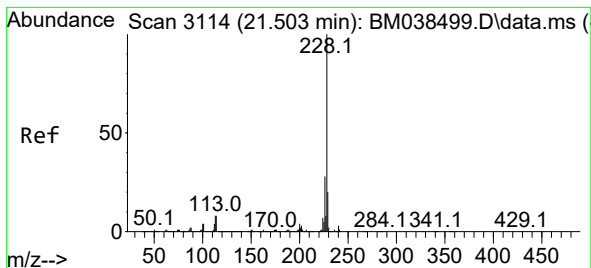
Tgt Ion:244 Resp: 1190035
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 8.1 6.7 10.1



#80
 Butylbenzylphthalate
 Concen: 6.335 ng
 RT: 20.645 min Scan# 2968
 Delta R.T. -0.006 min
 Lab File: BM038516.D
 Acq: 23 Jan 2023 19:40

Tgt Ion:149 Resp: 45289
 Ion Ratio Lower Upper
 149 100
 91 78.0 57.5 86.3
 206 22.8 18.2 27.2





#81

Benzo(a)anthracene

Concen: 7.722 ng

RT: 21.498 min Scan# 3114

Delta R.T. -0.006 min

Lab File: BM038516.D

Acq: 23 Jan 2023 19:40

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

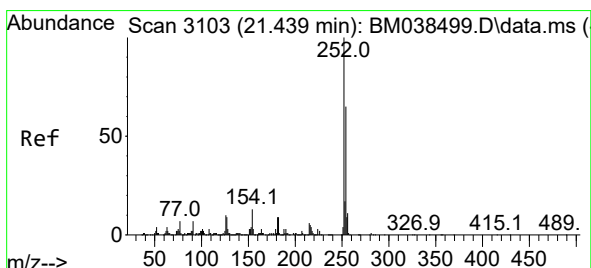
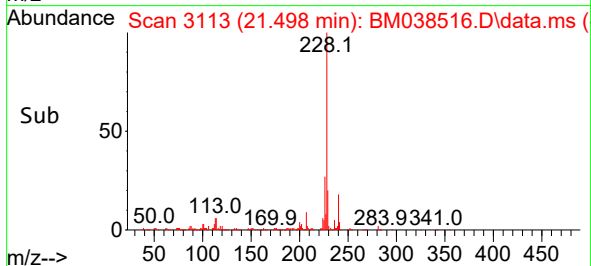
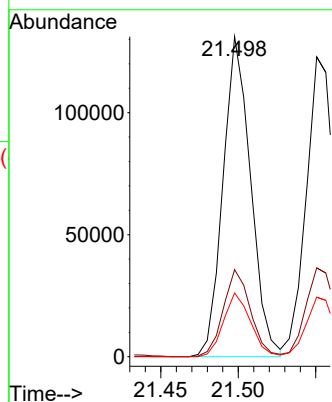
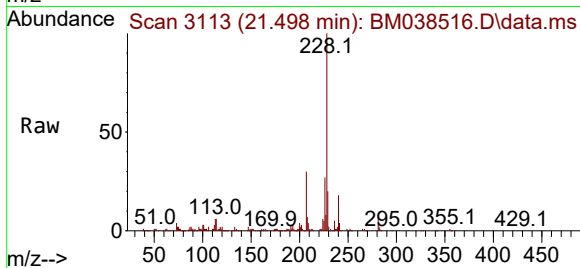
Tgt Ion:228 Resp: 162443

Ion Ratio Lower Upper

228 100

226 27.2 22.2 33.2

229 19.9 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 8.722 ng

RT: 21.433 min Scan# 3102

Delta R.T. -0.006 min

Lab File: BM038516.D

Acq: 23 Jan 2023 19:40

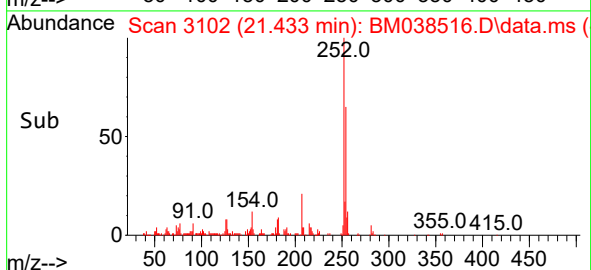
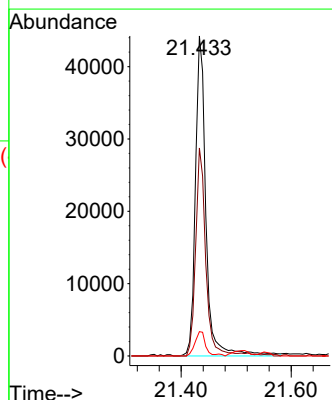
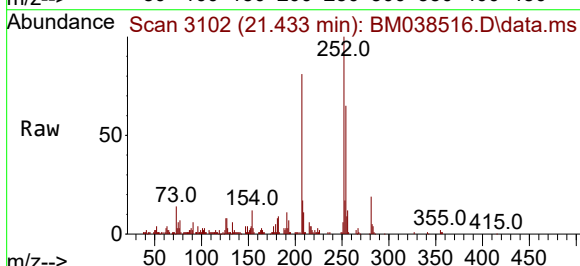
Tgt Ion:252 Resp: 58938

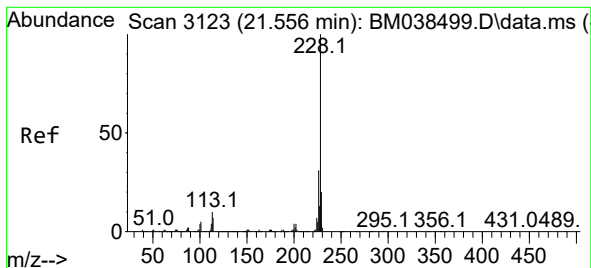
Ion Ratio Lower Upper

252 100

254 65.0 51.9 77.9

126 7.6 7.7 11.5#





#83

Chrysene

Concen: 7.812 ng

RT: 21.551 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM038516.D

Acq: 23 Jan 2023 19:40

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

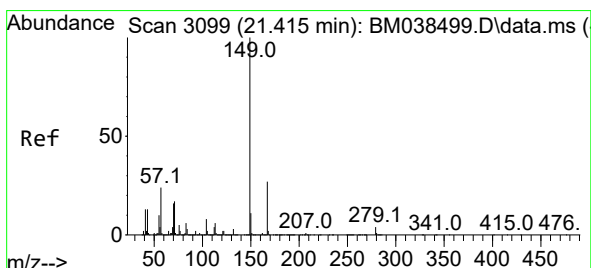
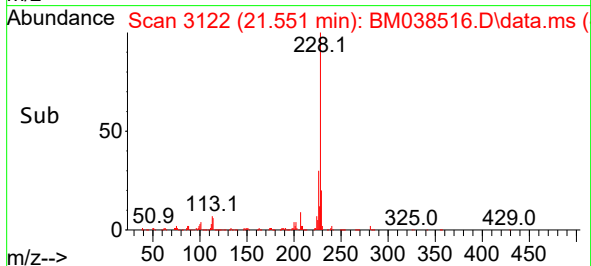
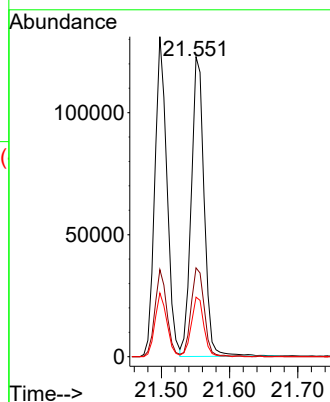
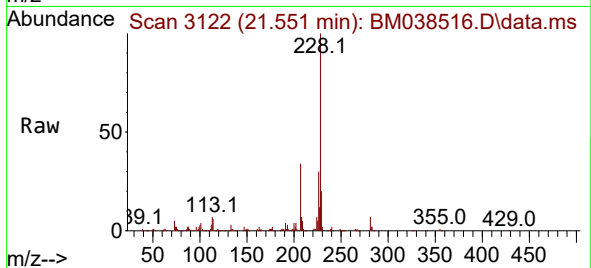
Tgt Ion:228 Resp: 160722

Ion Ratio Lower Upper

228 100

226 29.6 24.4 36.6

229 19.9 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 5.943 ng

RT: 21.409 min Scan# 3098

Delta R.T. -0.006 min

Lab File: BM038516.D

Acq: 23 Jan 2023 19:40

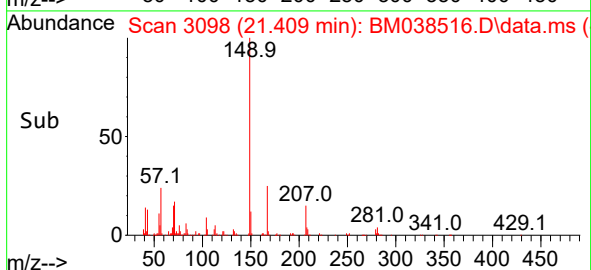
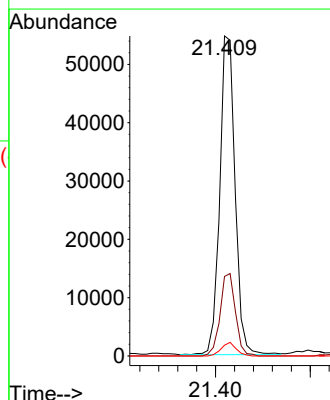
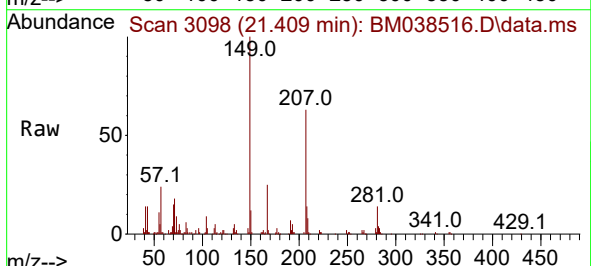
Tgt Ion:149 Resp: 61569

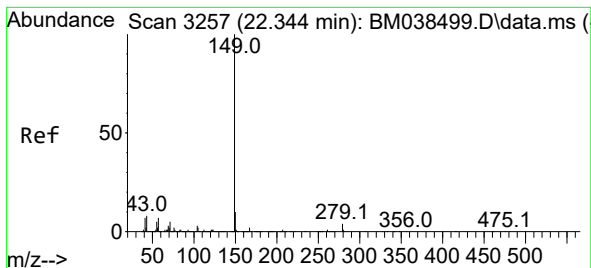
Ion Ratio Lower Upper

149 100

167 24.8 21.3 31.9

279 3.4 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 6.010 ng

RT: 22.339 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM038516.D

Acq: 23 Jan 2023 19:40

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

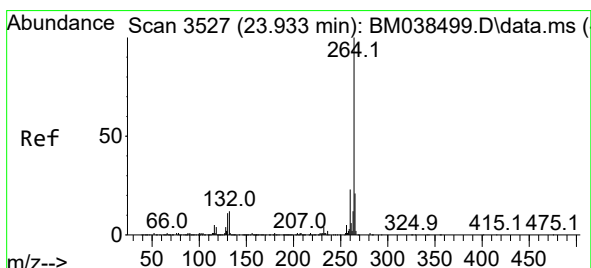
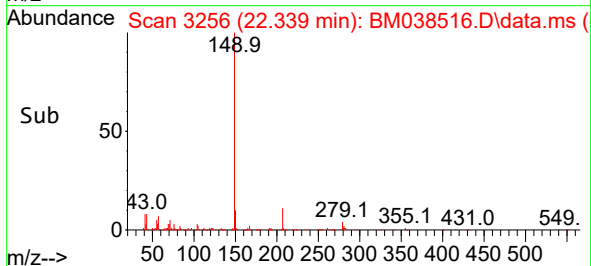
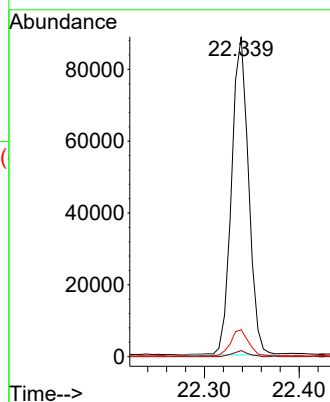
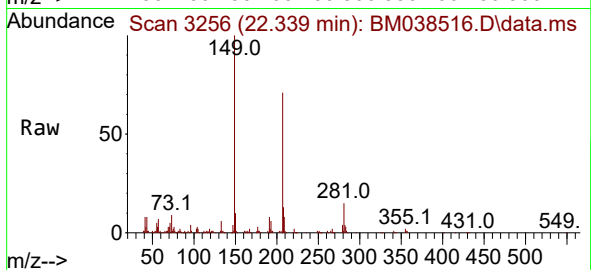
Tgt Ion:149 Resp: 110713

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 8.6 6.7 10.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.933 min Scan# 3527

Delta R.T. 0.000 min

Lab File: BM038516.D

Acq: 23 Jan 2023 19:40

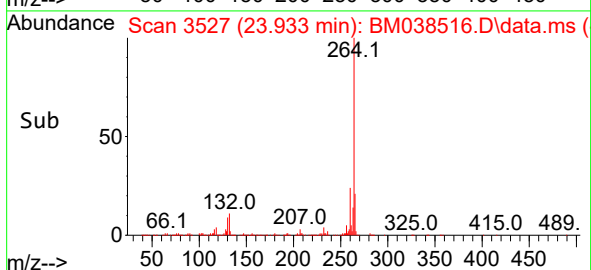
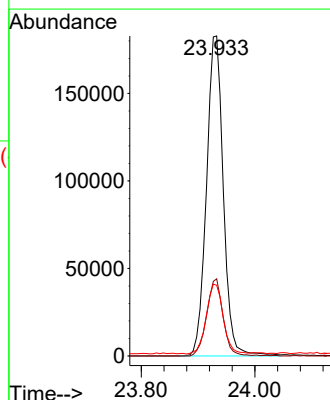
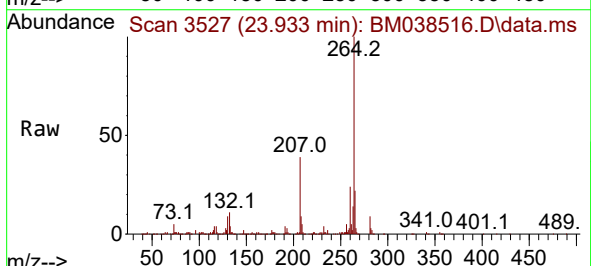
Tgt Ion:264 Resp: 375160

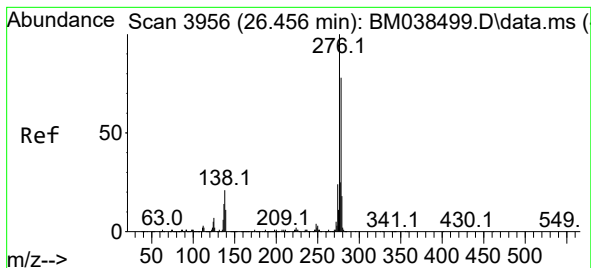
Ion Ratio Lower Upper

264 100

260 24.1 18.5 27.7

265 22.1 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 7.401 ng

RT: 26.438 min Scan# 3409

Delta R.T. -0.017 min

Lab File: BM038516.D

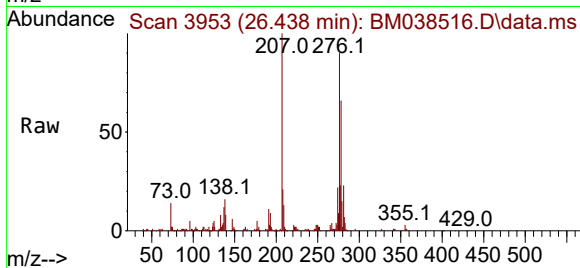
Acq: 23 Jan 2023 19:40

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022



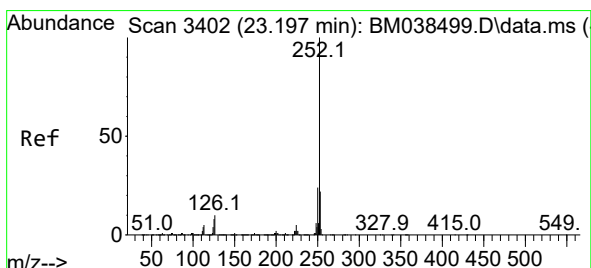
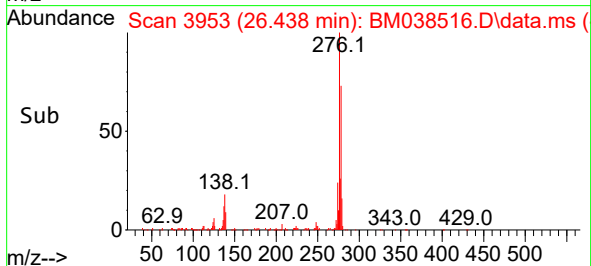
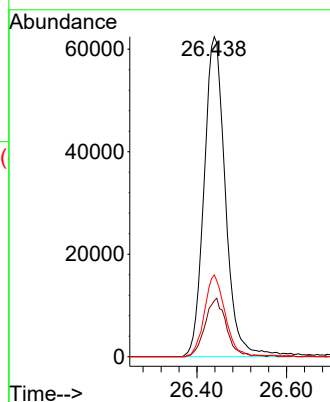
Tgt Ion:276 Resp: 205458

Ion Ratio Lower Upper

276 100

138 18.3 15.8 23.8

277 24.9 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 7.827 ng

RT: 23.239 min Scan# 3409

Delta R.T. 0.041 min

Lab File: BM038516.D

Acq: 23 Jan 2023 19:40

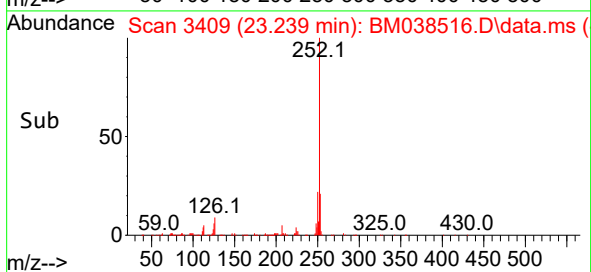
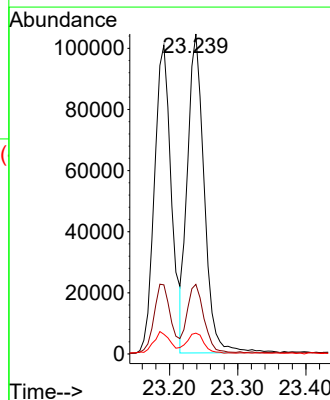
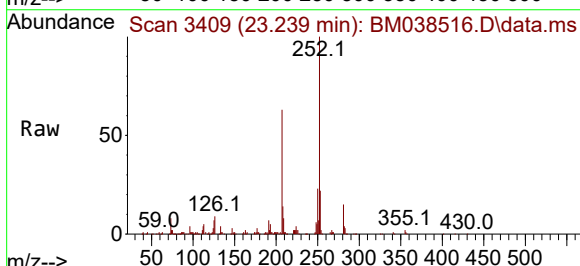
Tgt Ion:252 Resp: 177140

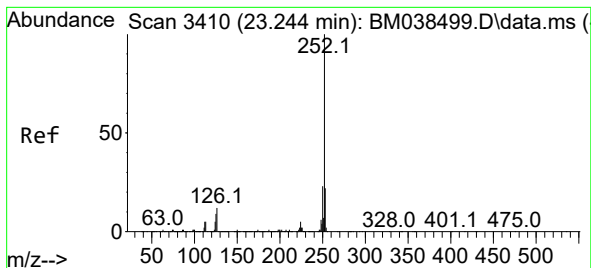
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

125 6.5 6.4 9.6





#89

Benzo(k)fluoranthene

Concen: 7.564 ng

RT: 23.239 min Scan# 34

Delta R.T. -0.006 min

Lab File: BM038516.D

Acq: 23 Jan 2023 19:40

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

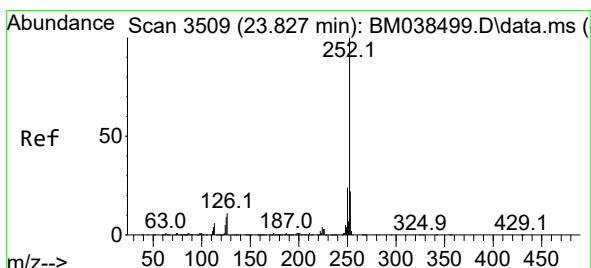
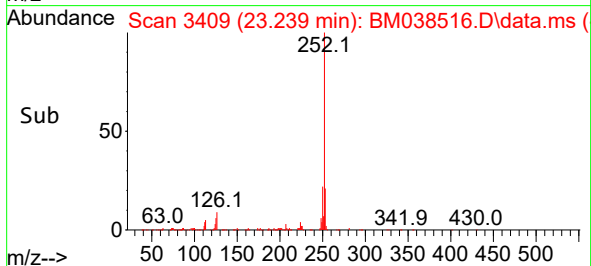
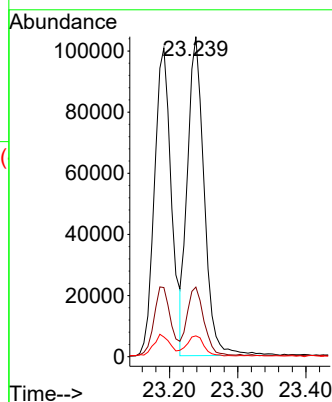
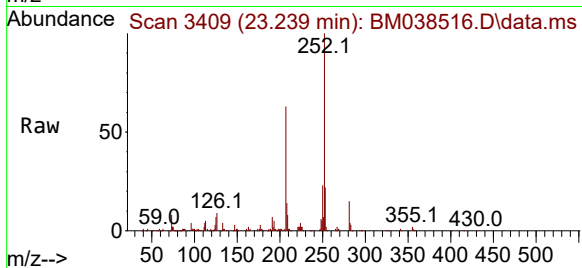
Tgt Ion:252 Resp: 177140

Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.8

125 6.5 6.8 10.2#



#90

Benzo(a)pyrene

Concen: 6.902 ng

RT: 23.821 min Scan# 3508

Delta R.T. -0.006 min

Lab File: BM038516.D

Acq: 23 Jan 2023 19:40

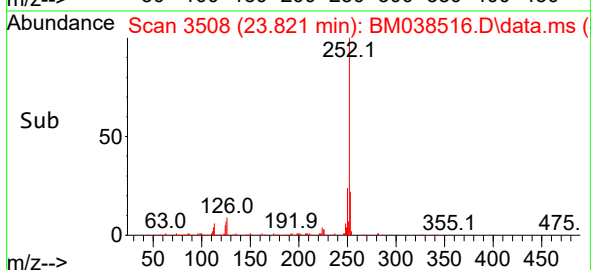
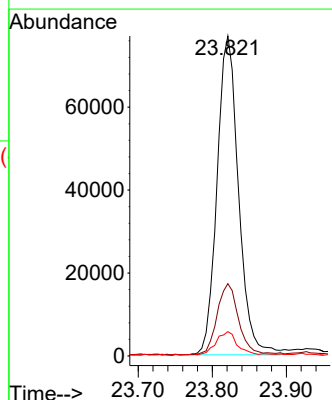
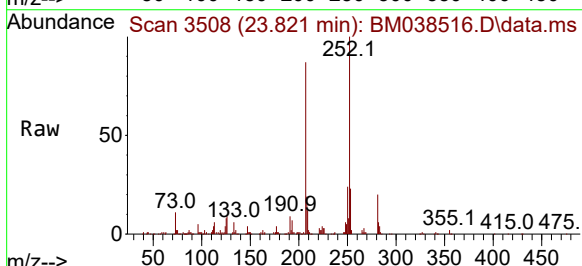
Tgt Ion:252 Resp: 154867

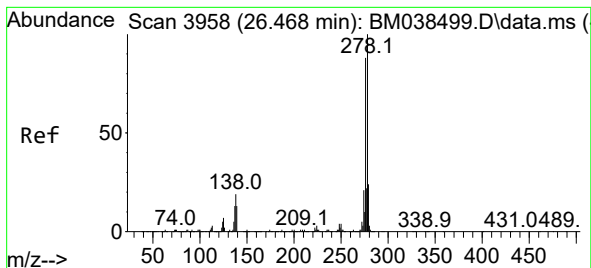
Ion Ratio Lower Upper

252 100

253 22.6 17.4 26.0

125 7.6 7.3 10.9





#91

Dibenzo(a,h)anthracene

Concen: 7.676 ng

RT: 26.450 min Scan# 3955

Delta R.T. -0.017 min

Lab File: BM038516.D

Acq: 23 Jan 2023 19:40

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

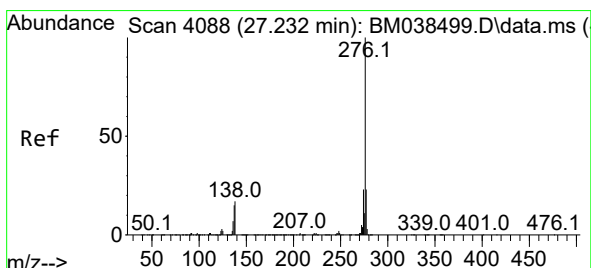
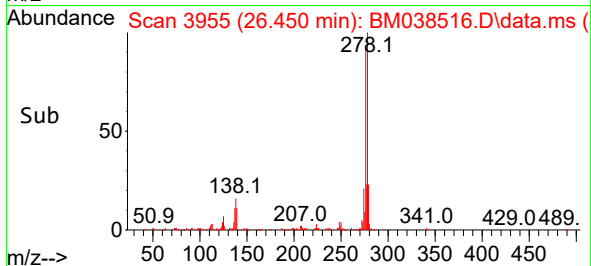
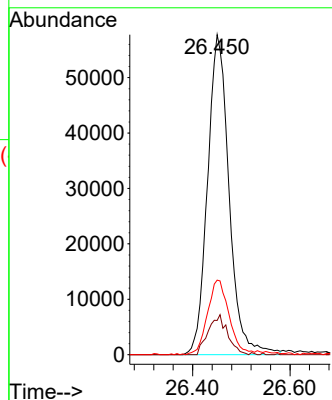
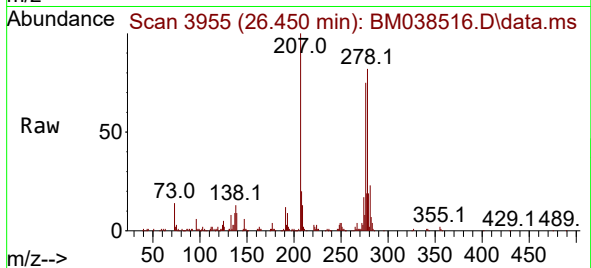
Tgt Ion:278 Resp: 177370

Ion Ratio Lower Upper

278 100

139 10.7 10.3 15.5

279 23.3 19.3 28.9



#92

Benzo(g,h,i)perylene

Concen: 7.831 ng

RT: 27.215 min Scan# 4085

Delta R.T. -0.017 min

Lab File: BM038516.D

Acq: 23 Jan 2023 19:40

Tgt Ion:276 Resp: 185366

Ion Ratio Lower Upper

276 100

277 24.2 18.8 28.2

138 14.9 13.8 20.8

