

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011923\
 Data File : BM038490.D
 Acq On : 19 Jan 2023 15:11
 Operator : CG/JU
 Sample : N3980-09
 Misc : MDL-MDL-WATER 4PPM
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT3-2022

Quant Time: Jan 20 02:47:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM011623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 19 06:09:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	50907	20.000	ng	0.00
21) Naphthalene-d8	10.786	136	174347	20.000	ng	0.00
39) Acenaphthene-d10	14.604	164	100943	20.000	ng	0.00
64) Phenanthrene-d10	17.345	188	221293	20.000	ng	0.00
76) Chrysene-d12	21.521	240	222895	20.000	ng	0.00
86) Perylene-d12	23.939	264	274270	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	394096	118.088	ng	0.00
7) Phenol-d6	7.134	99	496356	116.106	ng	0.00
23) Nitrobenzene-d5	9.145	82	357336	83.510	ng	0.00
42) 2,4,6-Tribromophenol	16.092	330	182382	106.879	ng	0.00
45) 2-Fluorobiphenyl	13.233	172	631480	78.017	ng	0.00
79) Terphenyl-d14	19.962	244	1014155	85.176	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.375	88	6433	4.218	ng	95
3) Pyridine	3.822	79	8801	1.995	ng	# 81
4) n-Nitrosodimethylamine	3.710	42	8328	3.190	ng	# 96
6) Aniline	7.298	93	18965	3.512	ng	97
8) 2-Chlorophenol	7.534	128	12124	3.669	ng	98
9) Benzaldehyde	7.116	77	15415	5.392	ng	92
10) Phenol	7.157	94	16733	3.756	ng	80
11) bis(2-Chloroethyl)ether	7.398	93	13584	3.763	ng	97
12) 1,3-Dichlorobenzene	7.857	146	13570	3.834	ng	99
13) 1,4-Dichlorobenzene	8.004	146	14078	3.953	ng	95
14) 1,2-Dichlorobenzene	8.322	146	13655	3.922	ng	89
15) Benzyl Alcohol	8.222	79	11473	3.351	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.504	45	21722	4.316	ng	95
17) 2-Methylphenol	8.416	107	9221	3.065	ng	96
18) Hexachloroethane	9.045	117	5747	3.940	ng	# 74
19) n-Nitroso-di-n-propyla...	8.781	70	11045	3.559	ng	# 90
20) 3+4-Methylphenols	8.745	107	12237	3.029	ng	95
22) Acetophenone	8.810	105	19323	3.750	ng	# 94
24) Nitrobenzene	9.187	77	18470	4.085	ng	# 87
25) Isophorone	9.710	82	26778	3.533	ng	97
26) 2-Nitrophenol	9.904	139	5020	3.163	ng	# 85
27) 2,4-Dimethylphenol	9.951	122	8378	3.100	ng	87
28) bis(2-Chloroethoxy)met...	10.192	93	15459	3.627	ng	# 93
29) 2,4-Dichlorophenol	10.434	162	9026	3.023	ng	99
30) 1,2,4-Trichlorobenzene	10.645	180	12914	3.740	ng	91
31) Naphthalene	10.834	128	32463	3.513	ng	99
32) Benzoic acid	10.039	122	3012	6.293	ng	95
33) 4-Chloroaniline	10.957	127	12248	3.020	ng	96
34) Hexachlorobutadiene	11.110	225	8115	3.351	ng	91
35) Caprolactam	11.733	113	2128	2.522	ng	# 63
36) 4-Chloro-3-methylphenol	12.069	107	9928	3.050	ng	# 83
37) 2-Methylnaphthalene	12.439	142	21062	3.117	ng	97
38) 1-Methylnaphthalene	12.657	142	20280	3.197	ng	96
40) 1,2,4,5-Tetrachloroben...	12.804	216	12776	3.382	ng	98
41) Hexachlorocyclopentadiene	12.775	237	6749	3.142	ng	96
43) 2,4,6-Trichlorophenol	13.045	196	7579	3.173	ng	94

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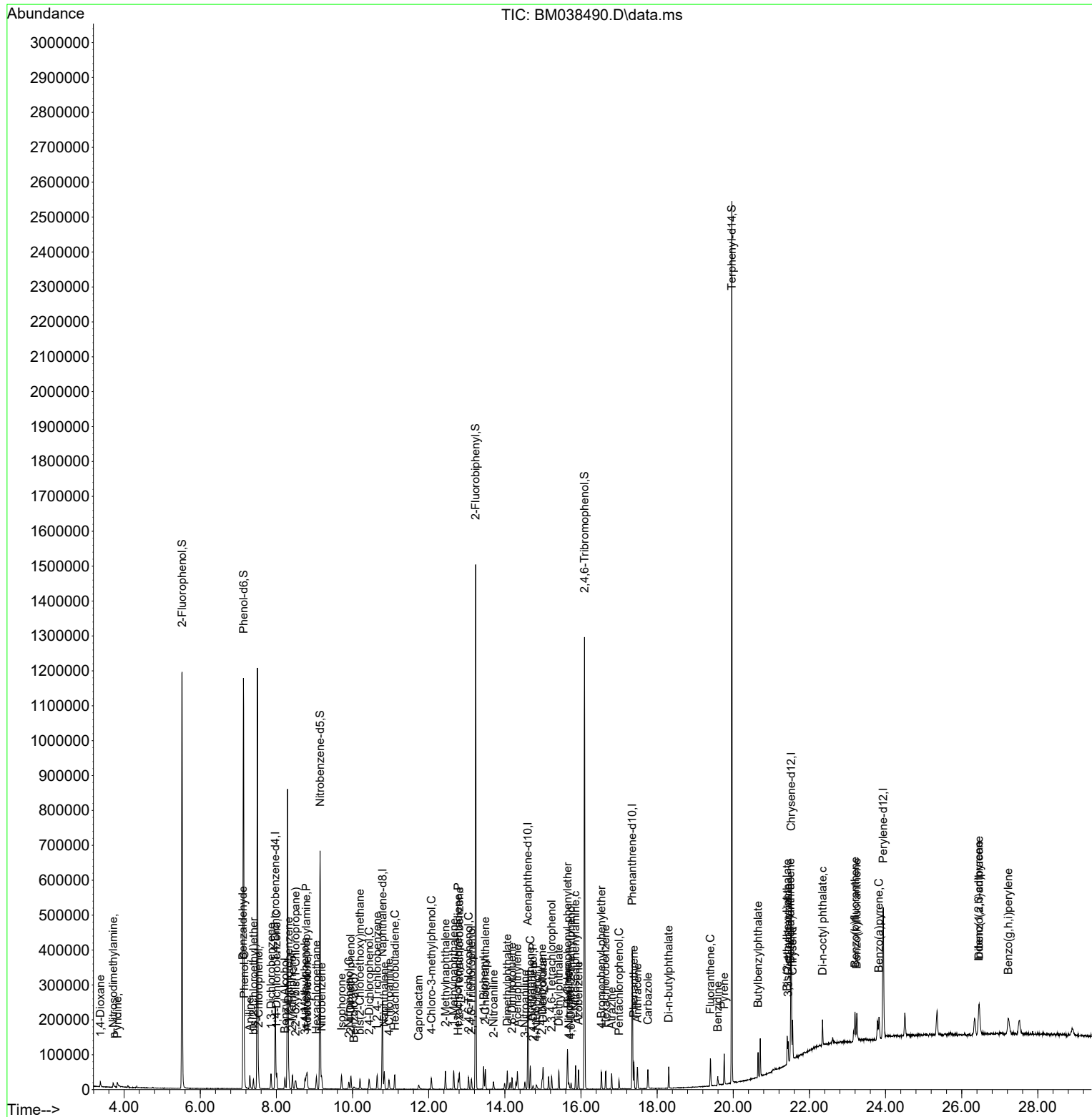
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.122	196	8233	2.924	ng	# 93
46) 1,1'-Biphenyl	13.445	154	29125	3.719	ng	99
47) 2-Chloronaphthalene	13.486	162	23299	3.780	ng	99
48) 2-Nitroaniline	13.704	65	6898	4.930	ng	88
49) Acenaphthylene	14.327	152	30423	3.131	ng	97
50) Dimethylphthalate	14.063	163	26619	3.254	ng	96
51) 2,6-Dinitrotoluene	14.186	165	4909	2.950	ng	# 85
52) Acenaphthene	14.669	154	20357	3.447	ng	96
53) 3-Nitroaniline	14.527	138	4019	4.723	ng	87
54) 2,4-Dinitrophenol	14.739	184	2129	6.917	ng	# 88
55) Dibenzofuran	15.004	168	34056	3.387	ng	99
56) 4-Nitrophenol	14.833	139	2528	5.543	ng	# 61
57) 2,4-Dinitrotoluene	14.980	165	6136	2.652	ng	# 94
58) Fluorene	15.651	166	25544	3.041	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.227	232	6605	2.646	ng	93
60) Diethylphthalate	15.416	149	25792	3.073	ng	98
61) 4-Chlorophenyl-phenyle...	15.645	204	13671	2.965	ng	99
62) 4-Nitroaniline	15.686	138	3883	4.801	ng	85
63) Azobenzene	15.933	77	31467	3.408	ng	99
65) 4,6-Dinitro-2-methylph...	15.733	198	3646	2.428	ng	93
66) n-Nitrosodiphenylamine	15.857	169	21382	3.293	ng	93
67) 4-Bromophenyl-phenylether	16.539	248	7856	3.069	ng	93
68) Hexachlorobenzene	16.645	284	9555	3.333	ng	95
69) Atrazine	16.804	200	7362	3.206	ng	98
70) Pentachlorophenol	16.998	266	5019	2.399	ng	97
71) Phenanthrene	17.386	178	41068	3.354	ng	97
72) Anthracene	17.480	178	38718	3.077	ng	96
73) Carbazole	17.757	167	34410	3.127	ng	99
74) Di-n-butylphthalate	18.304	149	39469	3.020	ng	98
75) Fluoranthene	19.398	202	46412	3.016	ng	98
77) Benzidine	19.592	184	18264	3.740	ng	97
78) Pyrene	19.762	202	49595	3.343	ng	97
80) Butylbenzylphthalate	20.651	149	16888	3.115	ng	# 85
81) Benzo(a)anthracene	21.503	228	53998	3.368	ng	98
82) 3,3'-Dichlorobenzidine	21.439	252	18140	3.514	ng	99
83) Chrysene	21.556	228	52803	3.389	ng	97
84) Bis(2-ethylhexyl)phtha...	21.415	149	23298	2.989	ng	# 89
85) Di-n-octyl phthalate	22.345	149	41973	3.061	ng	# 92
87) Indeno(1,2,3-cd)pyrene	26.450	276	66557	3.279	ng	97
88) Benzo(b)fluoranthene	23.197	252	56078	3.297	ng	# 94
89) Benzo(k)fluoranthene	23.244	252	58327	3.317	ng	99
90) Benzo(a)pyrene	23.827	252	50248	3.011	ng	# 96
91) Dibenzo(a,h)anthracene	26.456	278	57208	3.359	ng	# 95
92) Benzo(g,h,i)perylene	27.227	276	60247	3.565	ng	# 96

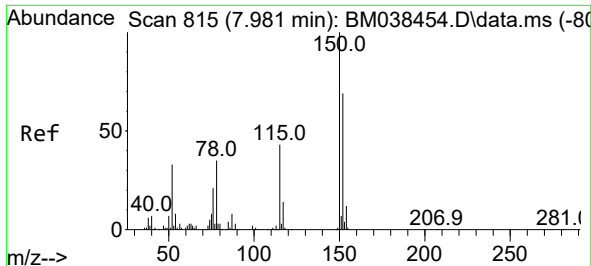
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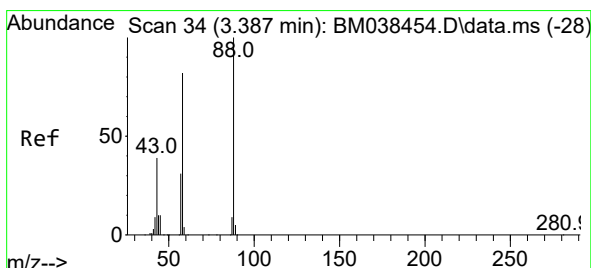
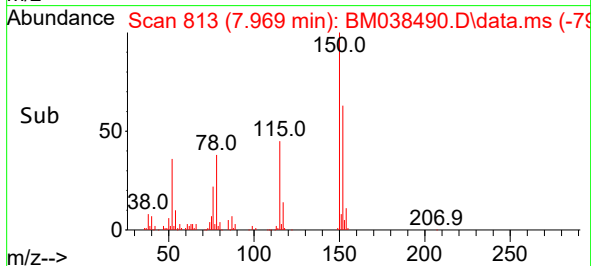
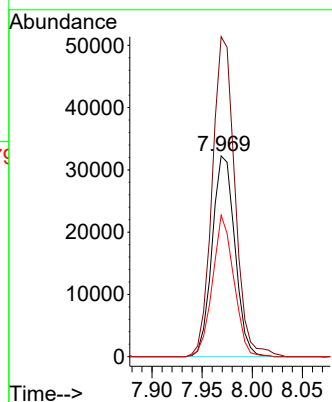
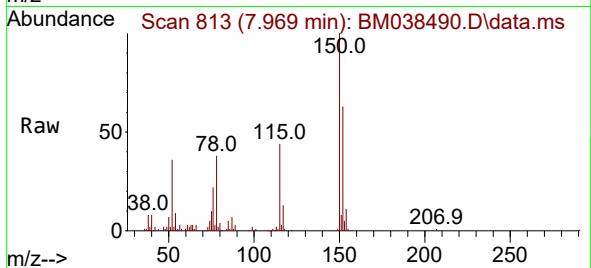




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.969 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM038490.D
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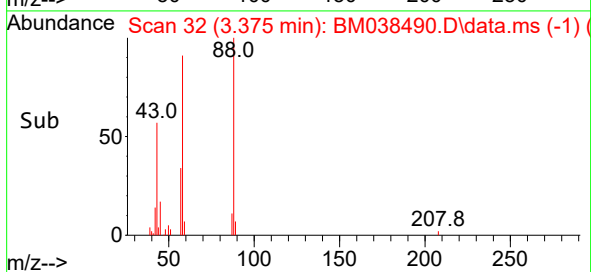
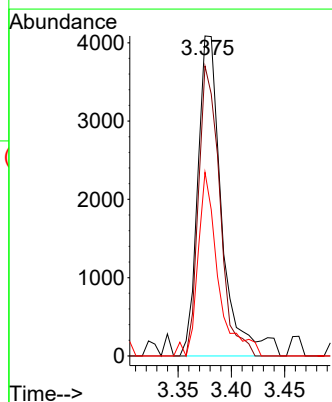
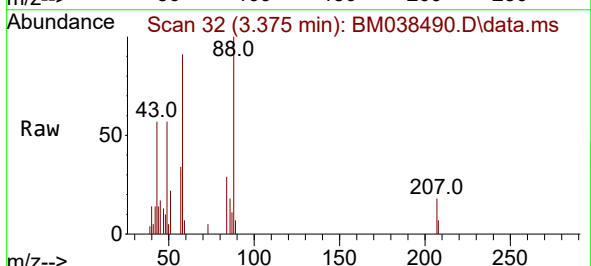
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BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2022

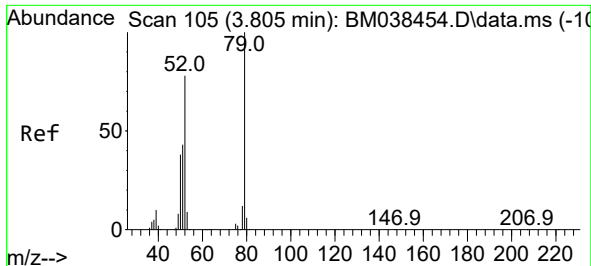
Tgt Ion:152 Resp: 50907
Ion Ratio Lower Upper
152 100
150 159.4 116.0 174.0
115 70.5 49.4 74.2



#2
1,4-Dioxane
Concen: 4.218 ng
RT: 3.375 min Scan# 32
Delta R.T. -0.006 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

Tgt Ion: 88 Resp: 6433
Ion Ratio Lower Upper
88 100
58 79.9 64.3 96.5
43 48.4 32.3 48.5

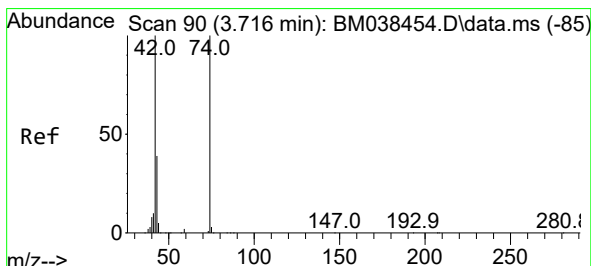
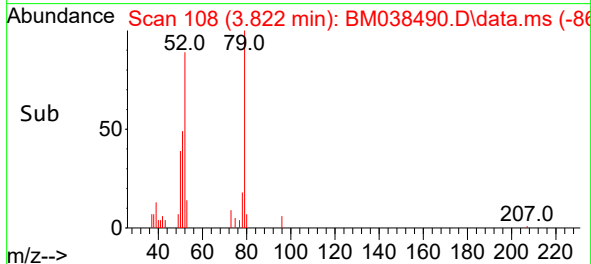
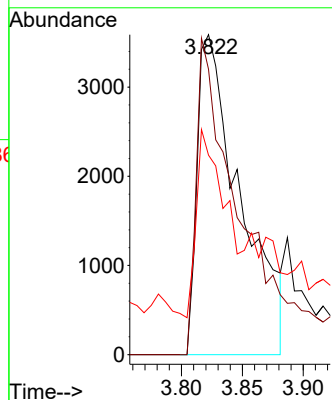
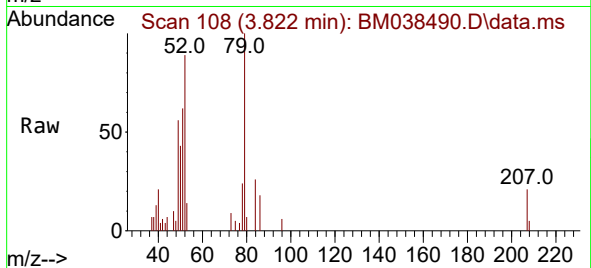




#3
Pyridine
Concen: 1.995 ng
RT: 3.822 min Scan# 108
Delta R.T. 0.030 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

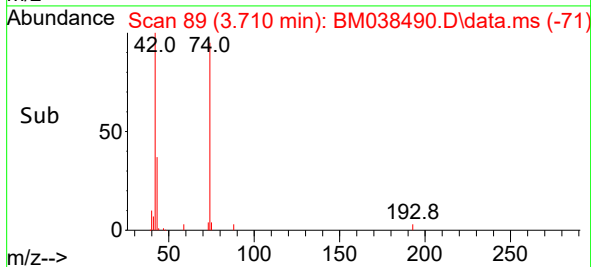
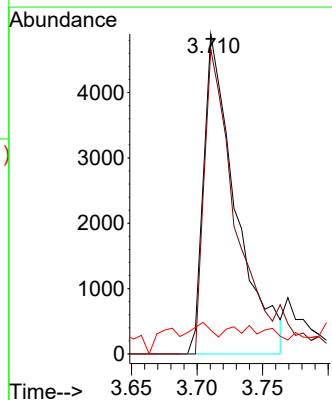
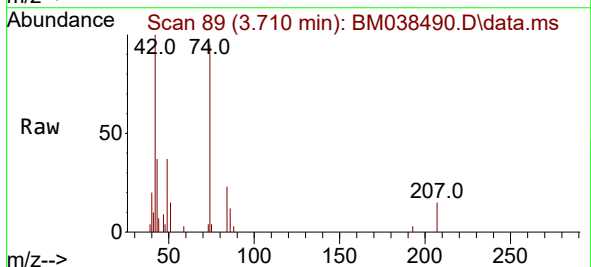
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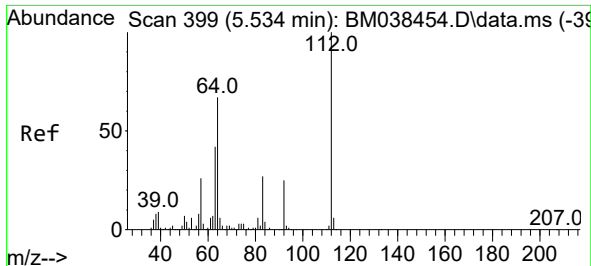
Tgt Ion: 79 Resp: 8801
Ion Ratio Lower Upper
79 100
52 89.2 62.2 93.2
51 62.3 34.8 52.2#



#4
n-Nitrosodimethylamine
Concen: 3.190 ng
RT: 3.710 min Scan# 89
Delta R.T. 0.006 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

Tgt Ion: 42 Resp: 8328
Ion Ratio Lower Upper
42 100
74 95.2 79.7 119.5
44 7.4 4.7 7.1#

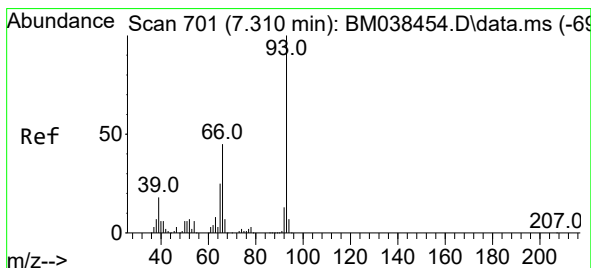
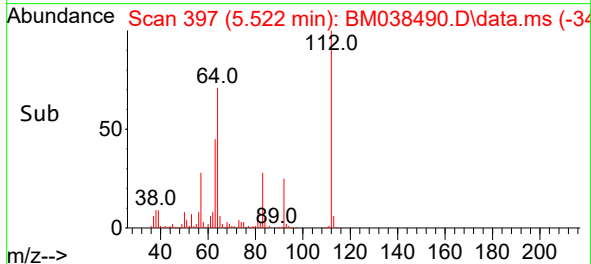
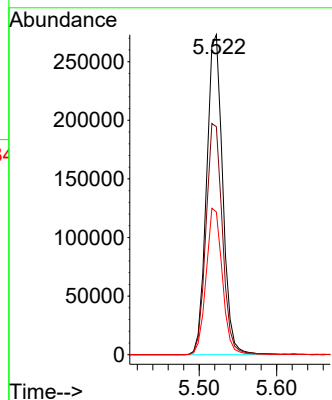
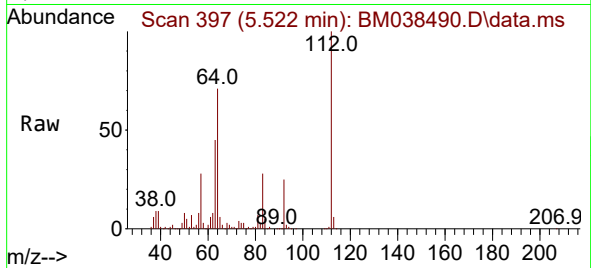




#5
2-Fluorophenol
Concen: 118.088 ng
RT: 5.522 min Scan# 399
Delta R.T. 0.000 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

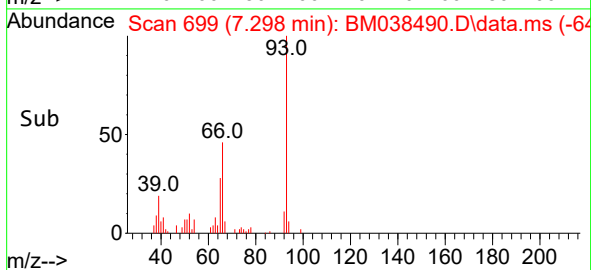
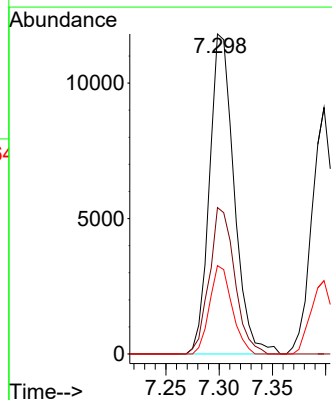
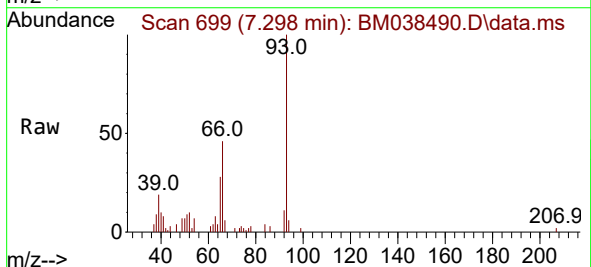
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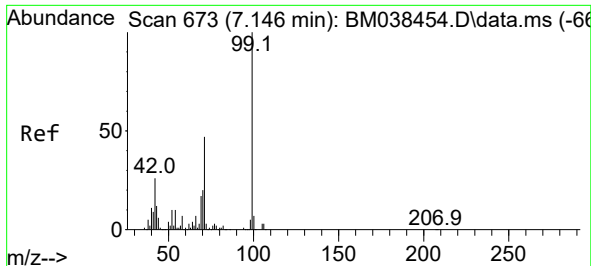
Tgt Ion:112 Resp: 394096
Ion Ratio Lower Upper
112 100
64 71.2 53.7 80.5
63 44.6 33.7 50.5



#6
Aniline
Concen: 3.512 ng
RT: 7.298 min Scan# 699
Delta R.T. -0.006 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

Tgt Ion: 93 Resp: 18965
Ion Ratio Lower Upper
93 100
66 45.8 36.2 54.2
65 27.6 19.8 29.8

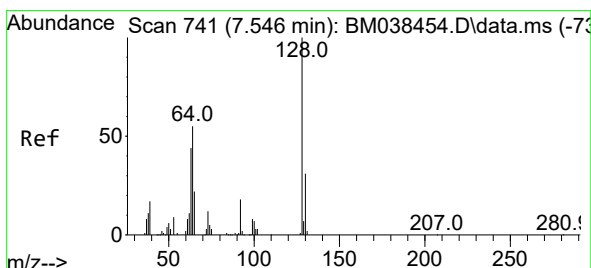
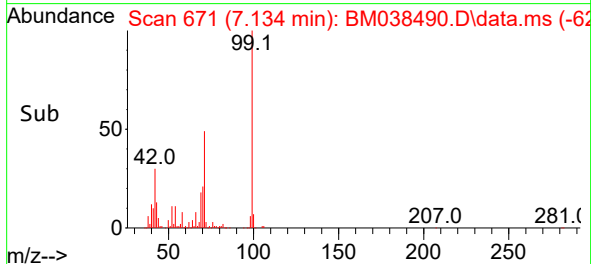
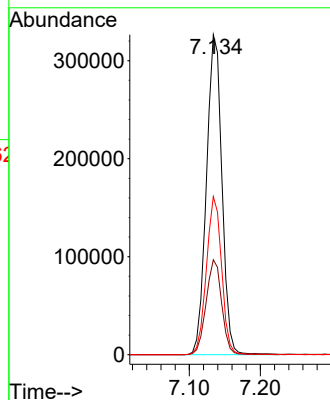
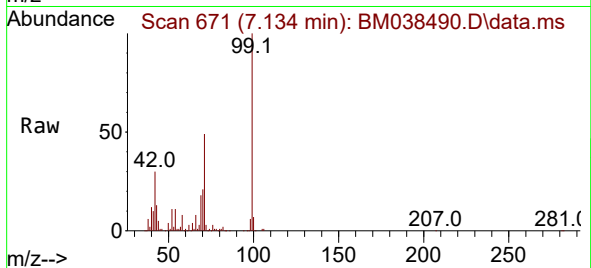




#7
Phenol-d6
Concen: 116.106 ng
RT: 7.134 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM038490.D
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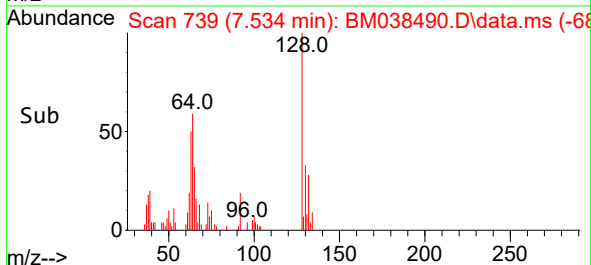
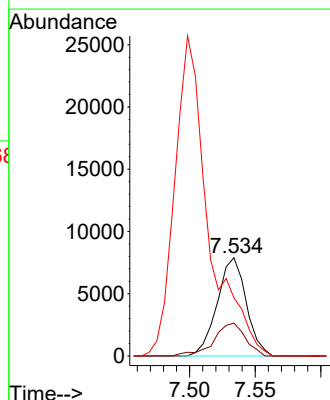
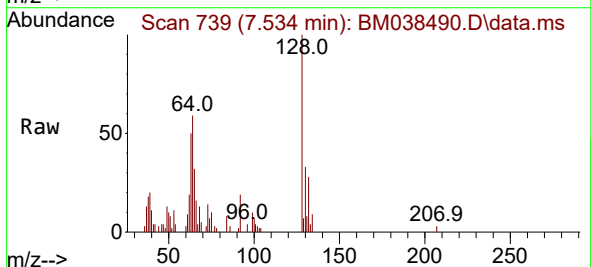
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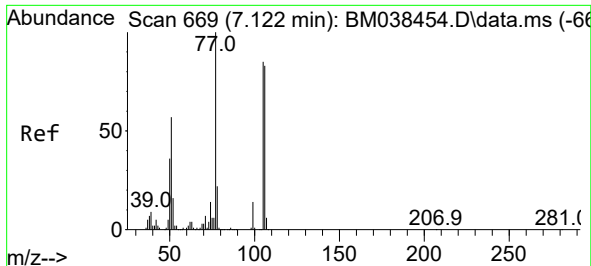
Tgt Ion: 99 Resp: 496356
Ion Ratio Lower Upper
99 100
42 29.7 20.8 31.2
71 49.4 37.8 56.8



#8
2-Chlorophenol
Concen: 3.669 ng
RT: 7.534 min Scan# 739
Delta R.T. 0.000 min
Lab File: BM038490.D
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Tgt Ion: 128 Resp: 12124
Ion Ratio Lower Upper
128 100
130 33.4 11.5 51.5
64 59.2 38.0 78.0

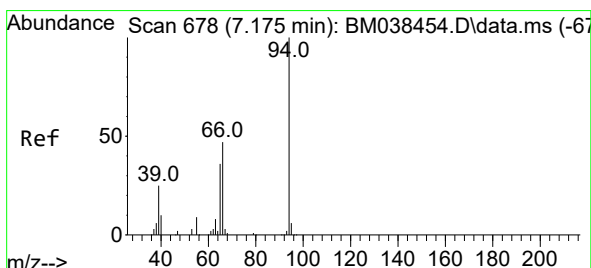
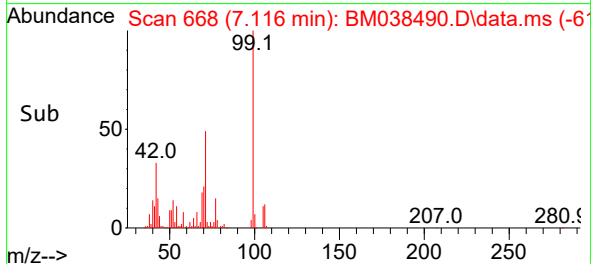
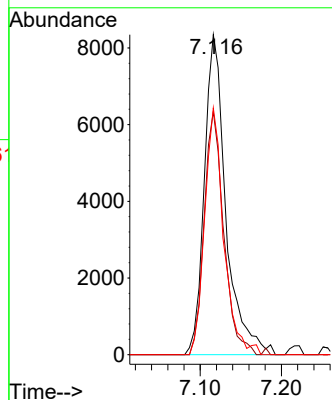
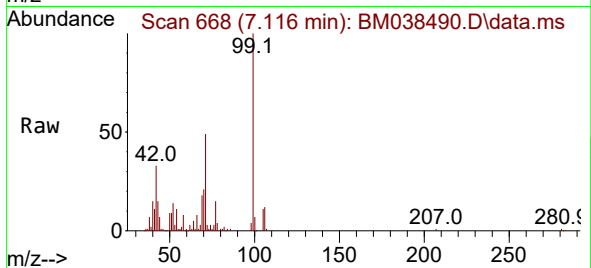




#9
Benzaldehyde
Concen: 5.392 ng
RT: 7.116 min Scan# 669
Delta R.T. 0.000 min
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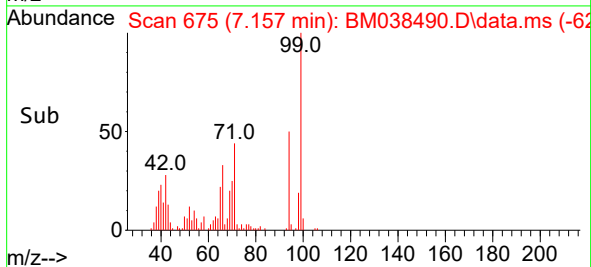
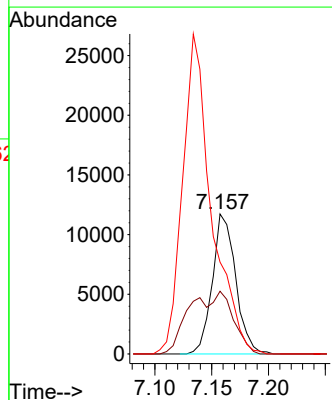
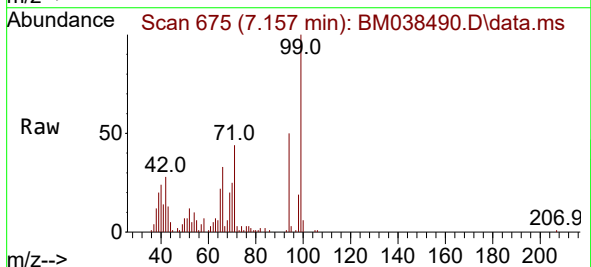
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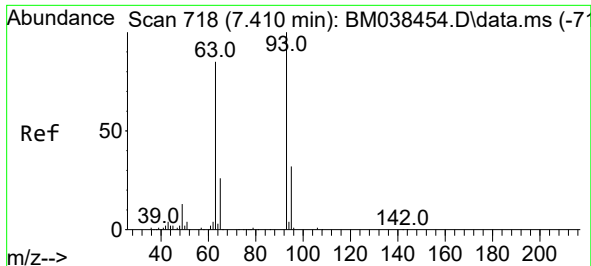
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Ion Ratio Lower Upper
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105 76.0 65.3 105.3
106 77.1 62.5 102.5



#10
Phenol
Concen: 3.756 ng
RT: 7.157 min Scan# 675
Delta R.T. -0.006 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

Tgt Ion: 94 Resp: 16733
Ion Ratio Lower Upper
94 100
65 44.8 16.3 56.3
66 65.6 29.2 69.2

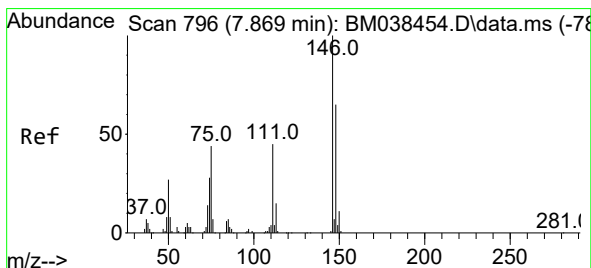
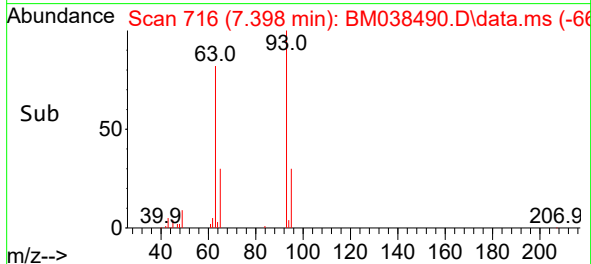
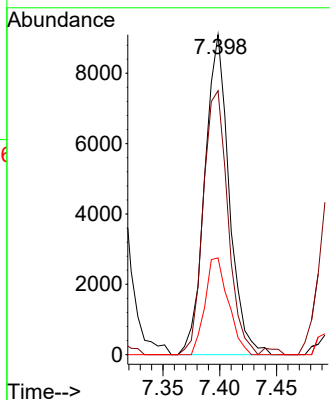
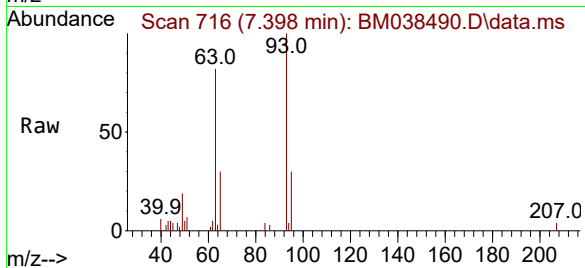




#11
bis(2-Chloroethyl)ether
Concen: 3.763 ng
RT: 7.398 min Scan# 716
Delta R.T. 0.000 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

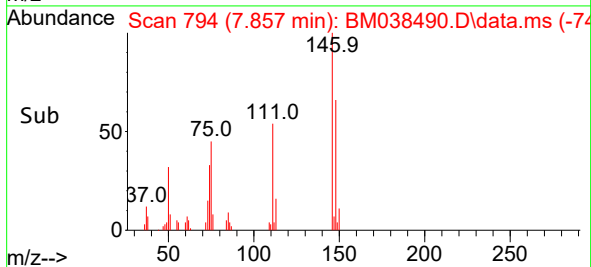
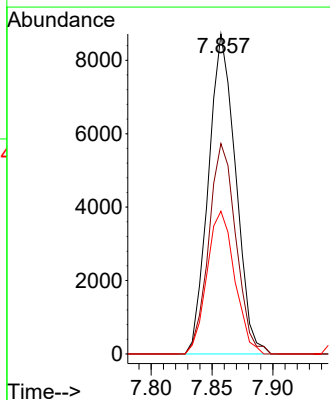
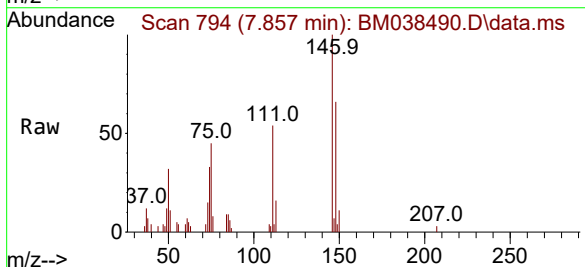
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2022

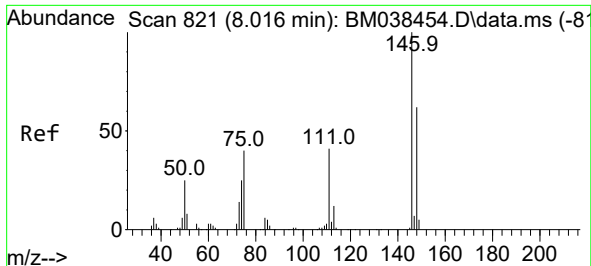
Tgt Ion: 93 Resp: 13584
Ion Ratio Lower Upper
93 100
63 82.5 64.6 104.6
95 30.2 12.0 52.0



#12
1,3-Dichlorobenzene
Concen: 3.834 ng
RT: 7.857 min Scan# 794
Delta R.T. -0.006 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

Tgt Ion:146 Resp: 13570
Ion Ratio Lower Upper
146 100
148 65.8 51.8 77.8
75 44.6 35.1 52.7





#13

1,4-Dichlorobenzene

Concen: 3.953 ng

RT: 8.004 min Scan# 81

Delta R.T. -0.006 min

Lab File: BM038490.D

Acq: 19 Jan 2023 15:11

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2022

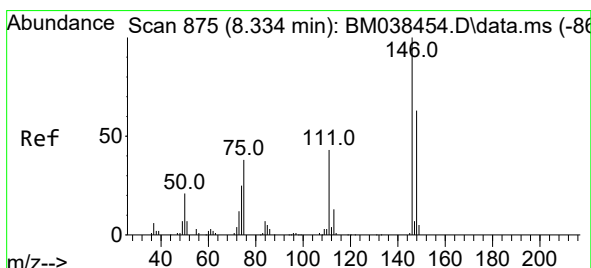
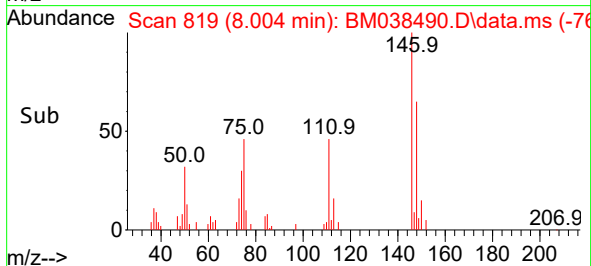
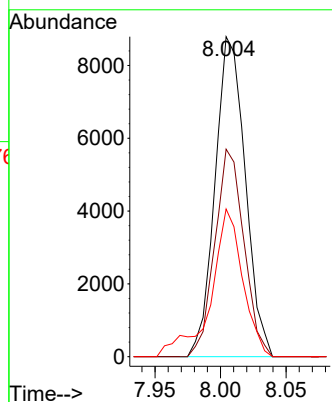
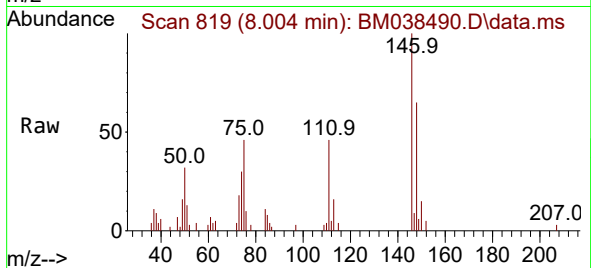
Tgt Ion:146 Resp: 14078

Ion Ratio Lower Upper

146 100

148 64.9 50.1 75.1

111 46.1 32.8 49.2



#14

1,2-Dichlorobenzene

Concen: 3.922 ng

RT: 8.322 min Scan# 873

Delta R.T. -0.006 min

Lab File: BM038490.D

Acq: 19 Jan 2023 15:11

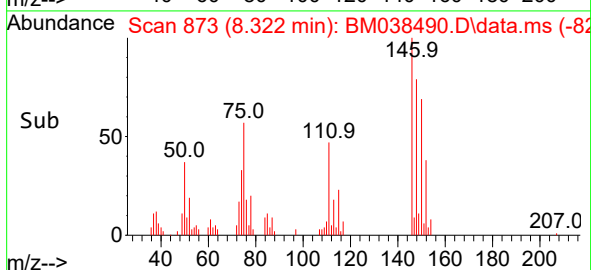
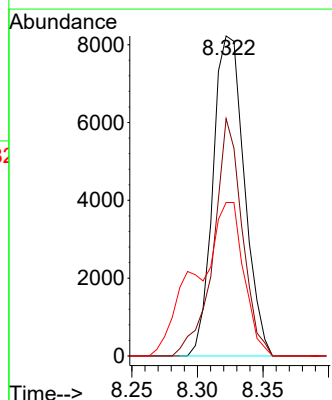
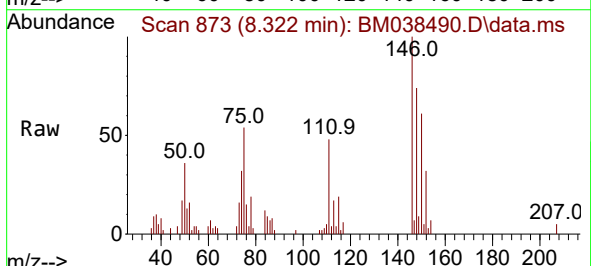
Tgt Ion:146 Resp: 13655

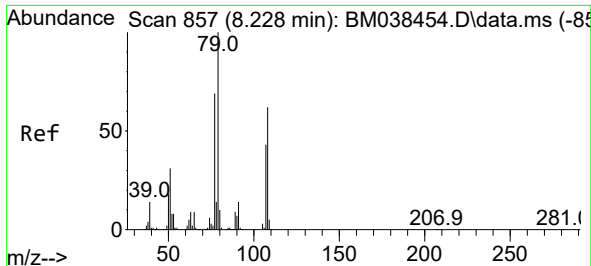
Ion Ratio Lower Upper

146 100

148 74.1 50.7 76.1

111 48.0 35.2 52.8





#15

Benzyl Alcohol

Concen: 3.351 ng

RT: 8.222 min Scan# 8

Delta R.T. 0.000 min

Lab File: BM038490.D

Acq: 19 Jan 2023 15:11

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2022

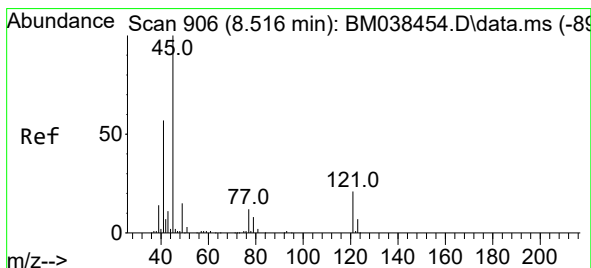
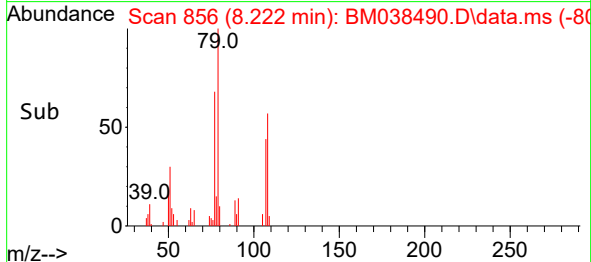
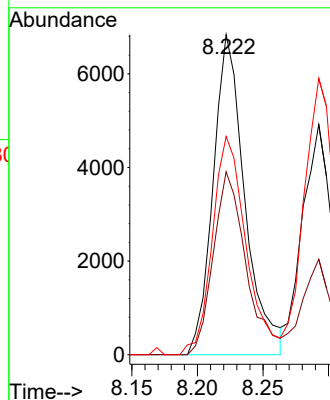
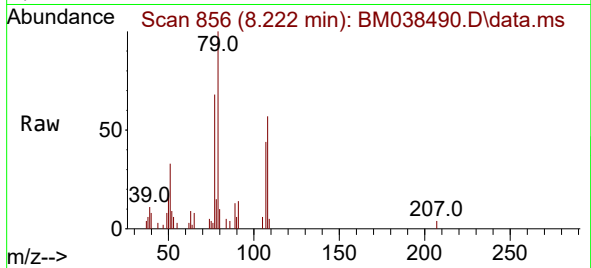
Tgt Ion: 79 Resp: 11473

Ion Ratio Lower Upper

79 100

108 57.1 49.3 73.9

77 68.2 55.1 82.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 4.316 ng

RT: 8.504 min Scan# 904

Delta R.T. -0.006 min

Lab File: BM038490.D

Acq: 19 Jan 2023 15:11

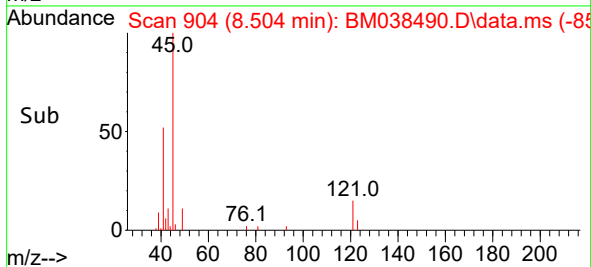
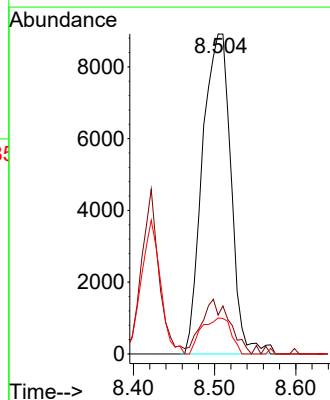
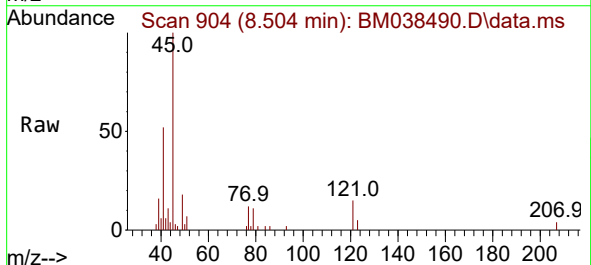
Tgt Ion: 45 Resp: 21722

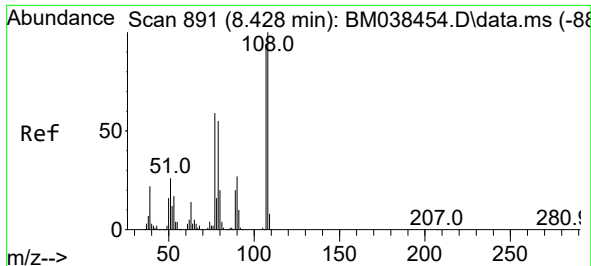
Ion Ratio Lower Upper

45 100

77 12.1 0.0 34.7

79 11.3 0.0 30.4

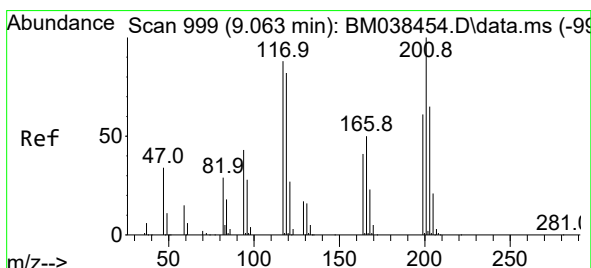
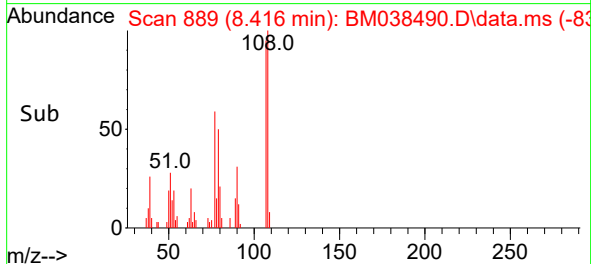
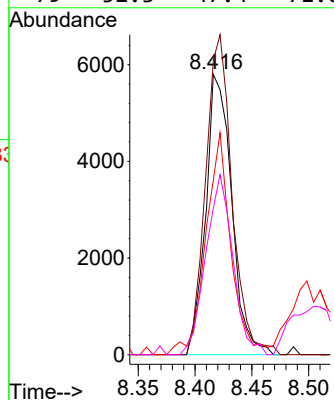
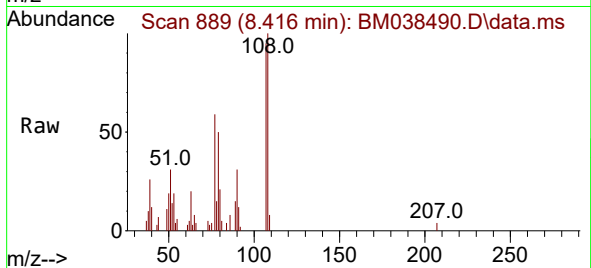




#17
2-Methylphenol
Concen: 3.065 ng
RT: 8.416 min Scan# 891
Delta R.T. -0.006 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

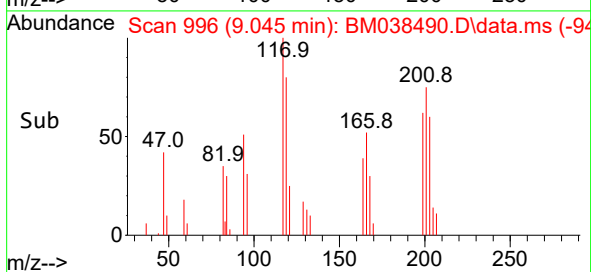
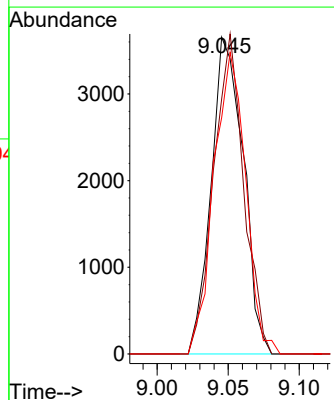
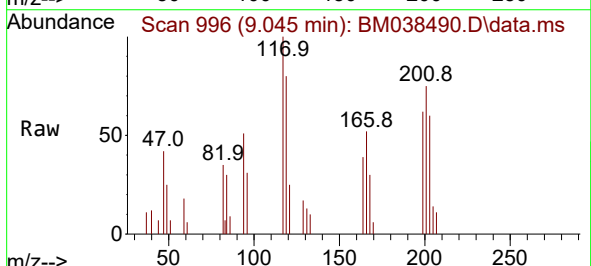
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2022

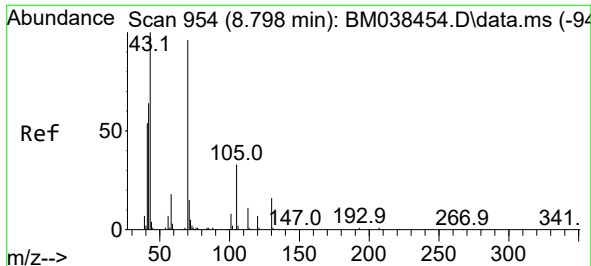
Tgt Ion:	107	Resp:	9221
Ion	Ratio	Lower	Upper
107	100		
108	105.0	85.7	128.5
77	62.3	50.5	75.7
79	52.3	47.4	71.0



#18
Hexachloroethane
Concen: 3.940 ng
RT: 9.045 min Scan# 996
Delta R.T. -0.012 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

Tgt Ion:	117	Resp:	5747
Ion	Ratio	Lower	Upper
117	100		
119	80.4	74.5	111.7
201	74.5	91.3	136.9

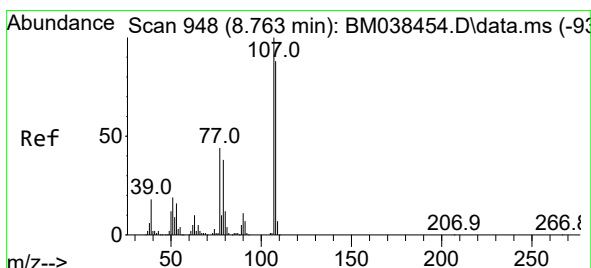
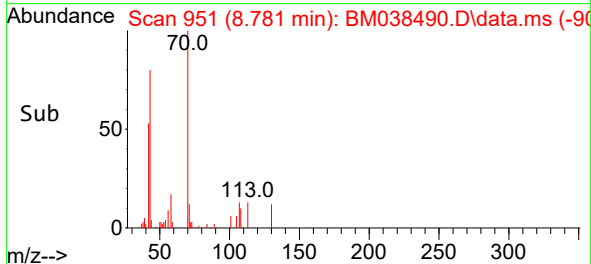
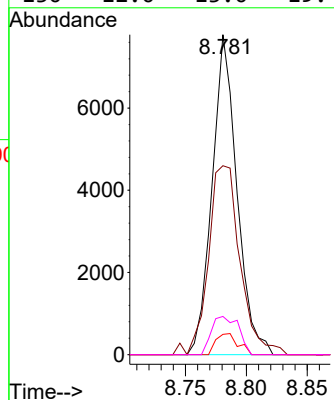
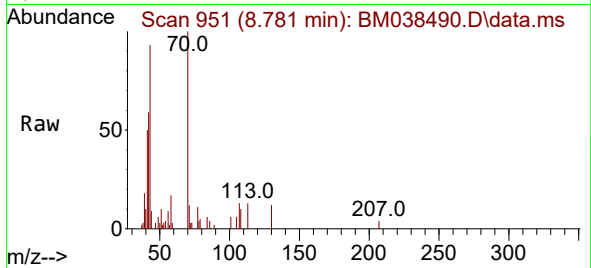




#19
n-Nitroso-di-n-propylamine
Concen: 3.559 ng
RT: 8.781 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

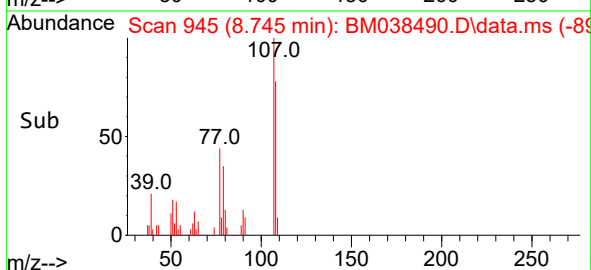
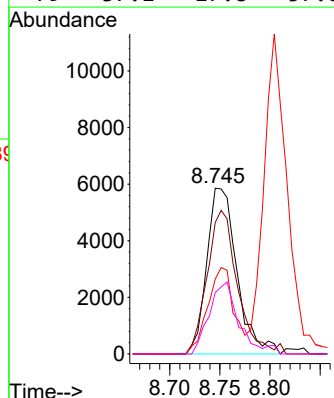
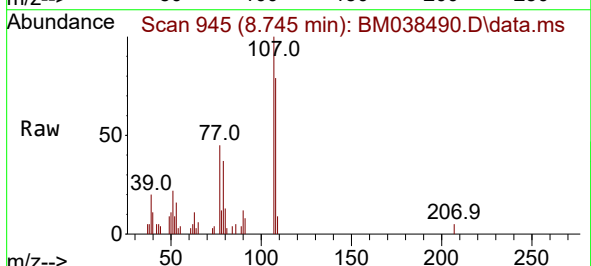
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2022

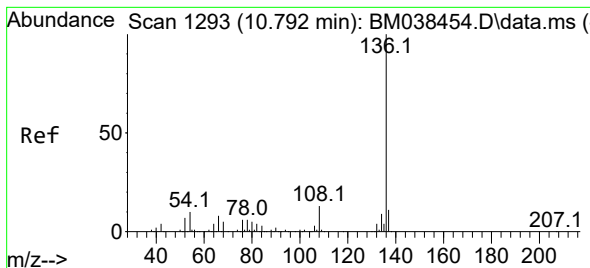
Tgt Ion: 70 Resp: 11045
Ion Ratio Lower Upper
70 100
42 59.0 54.2 81.2
101 6.4 6.6 10.0#
130 12.0 13.0 19.4#



#20
3+4-Methylphenols
Concen: 3.029 ng
RT: 8.745 min Scan# 945
Delta R.T. -0.006 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

Tgt Ion: 107 Resp: 12237
Ion Ratio Lower Upper
107 100
108 79.3 67.6 107.6
77 45.2 24.1 64.1
79 37.1 17.8 57.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.786 min Scan# 1292

Delta R.T. 0.000 min

Lab File: BM038490.D

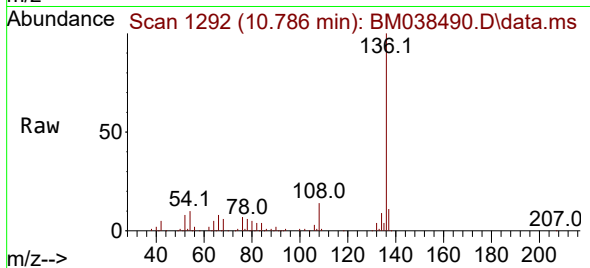
Acq: 19 Jan 2023 15:11

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2022



Tgt Ion:136 Resp: 174347

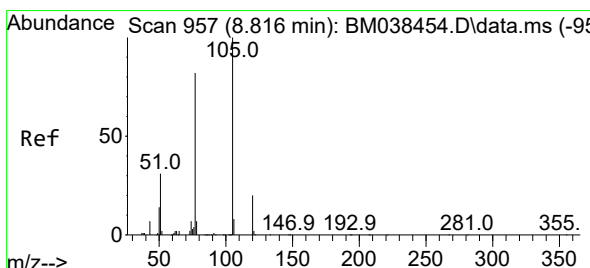
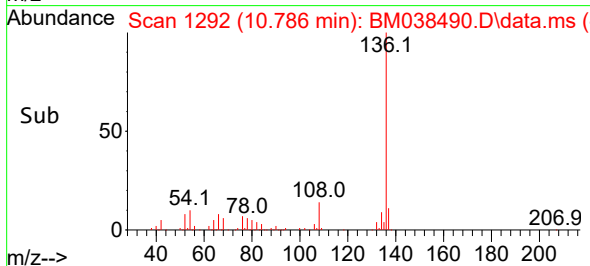
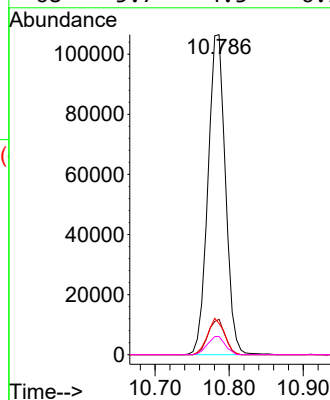
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 9.7 7.6 11.4

68 5.7 4.3 6.5



#22

Acetophenone

Concen: 3.750 ng

RT: 8.810 min Scan# 956

Delta R.T. 0.000 min

Lab File: BM038490.D

Acq: 19 Jan 2023 15:11

Tgt Ion:105 Resp: 19323

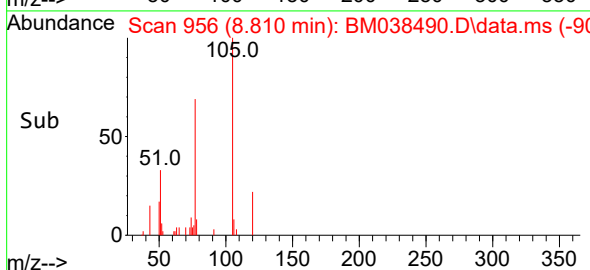
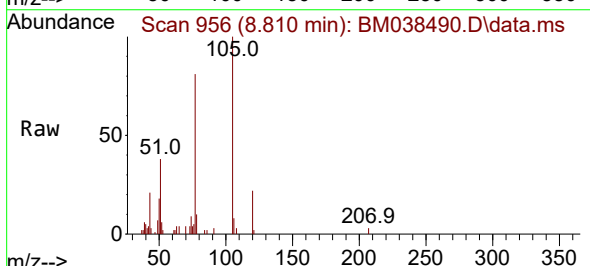
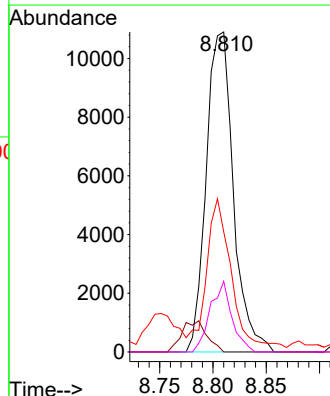
Ion Ratio Lower Upper

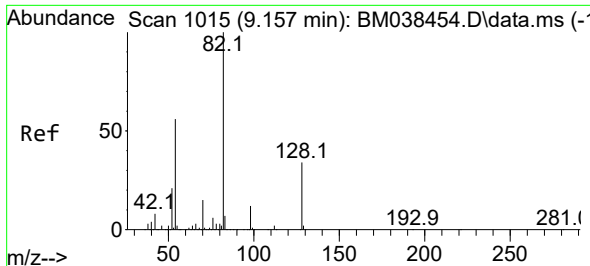
105 100

71 0.0 1.0 1.6#

51 37.5 27.4 41.2

120 22.1 15.6 23.4

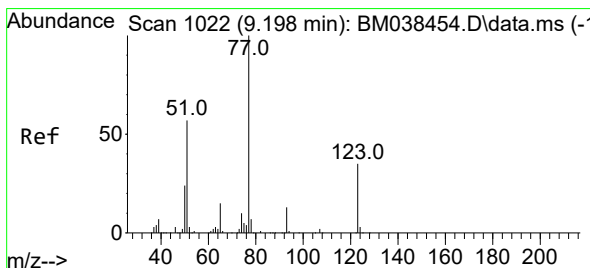
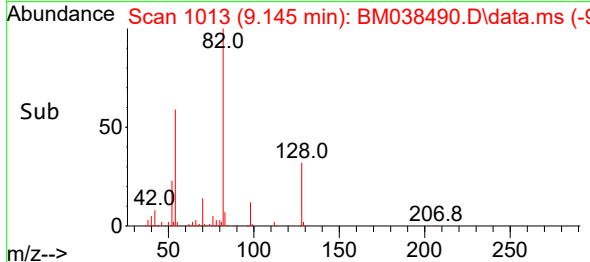
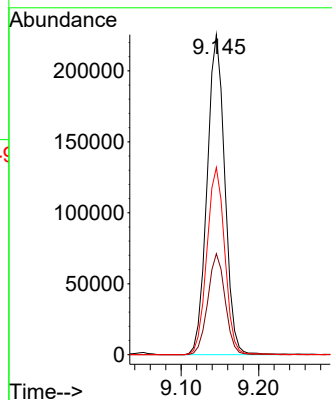
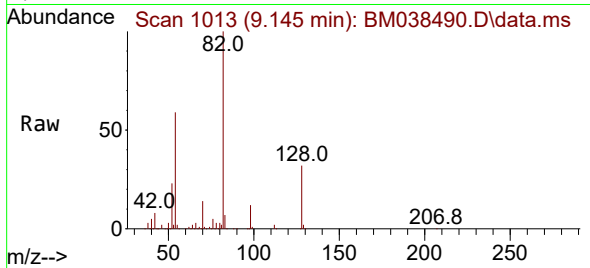




#23
Nitrobenzene-d5
Concen: 83.510 ng
RT: 9.145 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

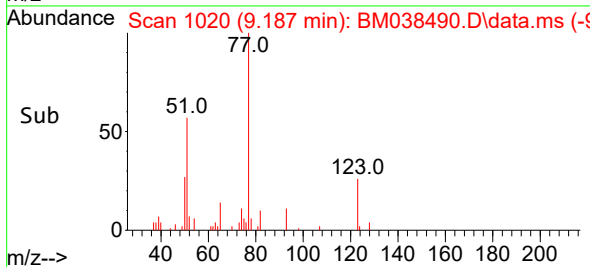
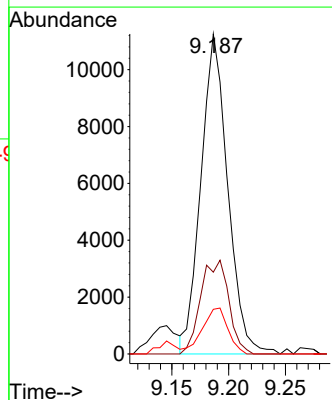
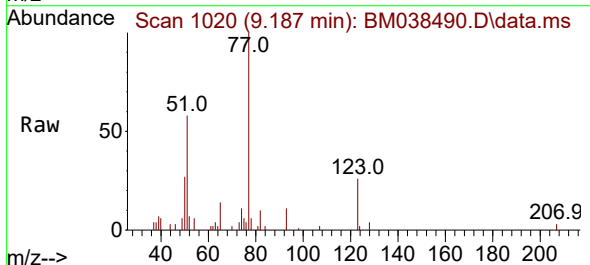
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2022

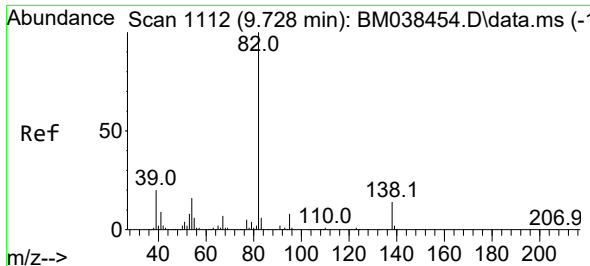
Tgt Ion: 82 Resp: 357336
Ion Ratio Lower Upper
82 100
128 31.5 27.0 40.6
54 58.5 45.0 67.6



#24
Nitrobenzene
Concen: 4.085 ng
RT: 9.187 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

Tgt Ion: 77 Resp: 18470
Ion Ratio Lower Upper
77 100
123 25.5 28.2 42.4#
65 13.9 12.1 18.1

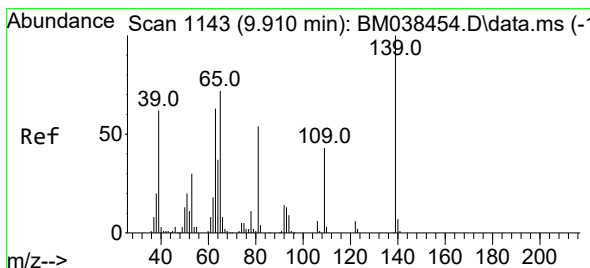
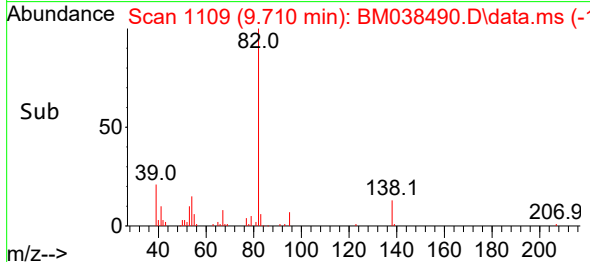
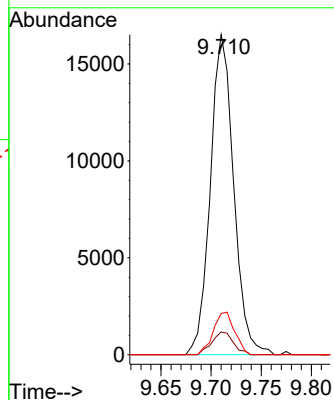
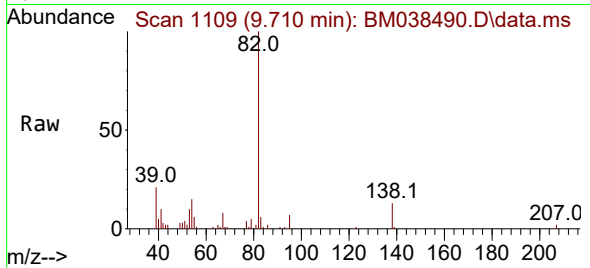




#25
Isophorone
Concen: 3.533 ng
RT: 9.710 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

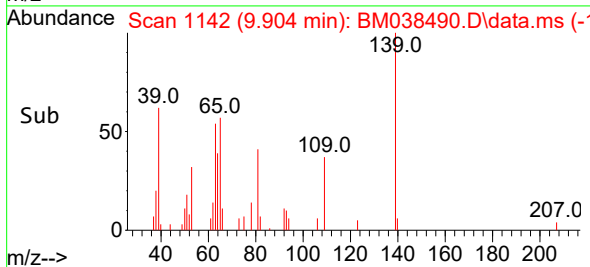
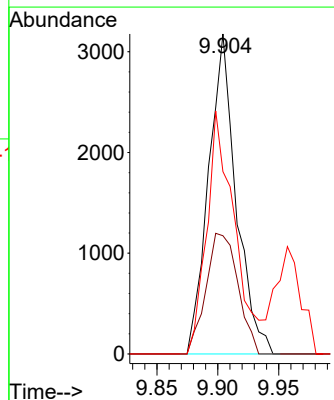
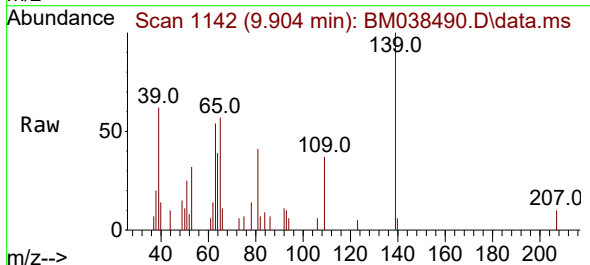
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2022

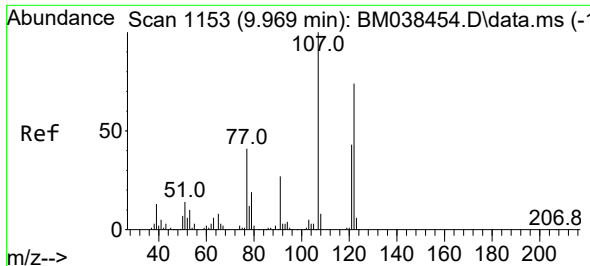
Tgt Ion: 82 Resp: 26778
Ion Ratio Lower Upper
82 100
95 7.1 6.1 9.1
138 12.9 11.5 17.3



#26
2-Nitrophenol
Concen: 3.163 ng
RT: 9.904 min Scan# 1142
Delta R.T. 0.000 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

Tgt Ion: 139 Resp: 5020
Ion Ratio Lower Upper
139 100
109 37.0 34.7 52.1
65 57.0 57.4 86.0

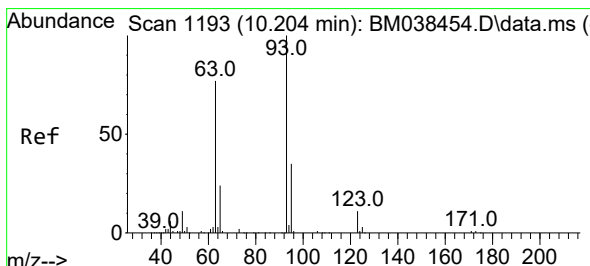
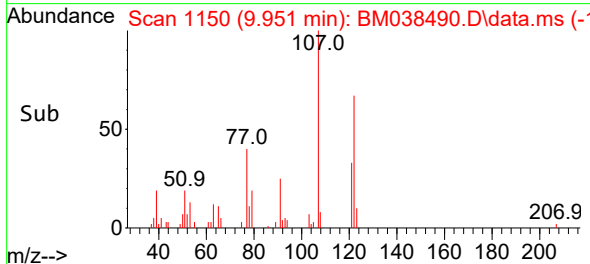
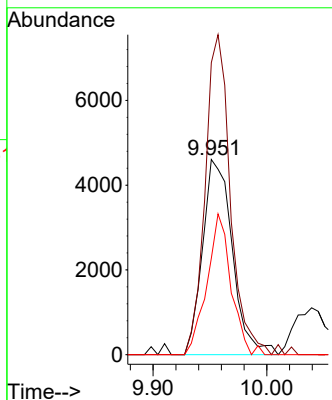
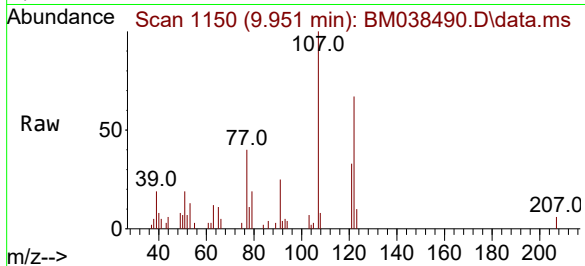




#27
2,4-Dimethylphenol
Concen: 3.100 ng
RT: 9.951 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

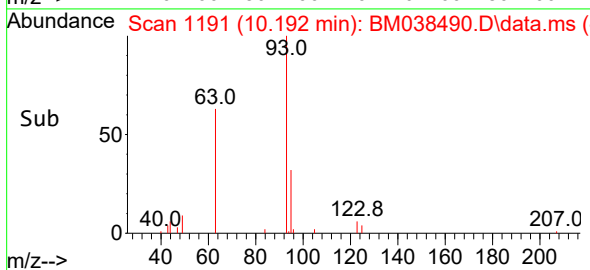
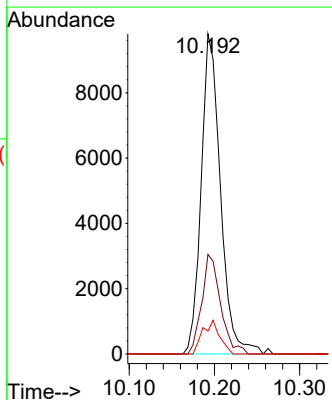
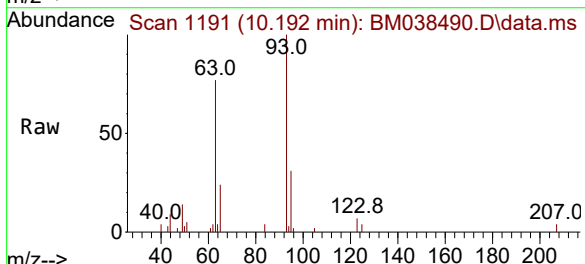
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2022

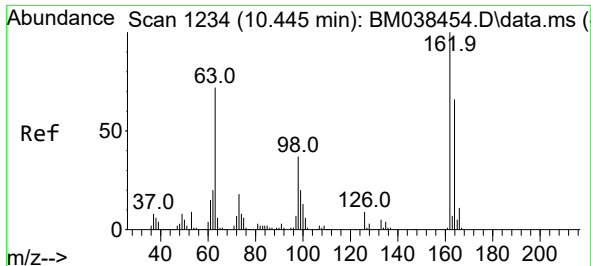
Tgt Ion:122 Resp: 8378
Ion Ratio Lower Upper
122 100
107 149.6 107.4 161.0
121 49.4 46.6 70.0



#28
bis(2-Chloroethoxy)methane
Concen: 3.627 ng
RT: 10.192 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

Tgt Ion: 93 Resp: 15459
Ion Ratio Lower Upper
93 100
95 31.1 27.7 41.5
123 7.1 8.6 13.0#





#29

2,4-Dichlorophenol

Concen: 3.023 ng

RT: 10.434 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM038490.D

Acq: 19 Jan 2023 15:11

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2022

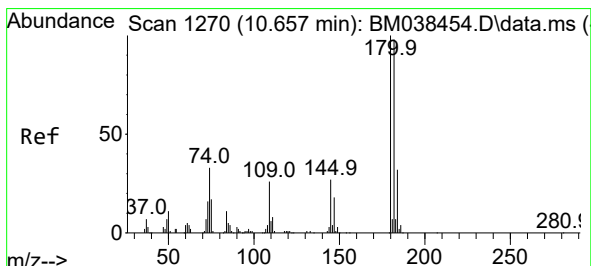
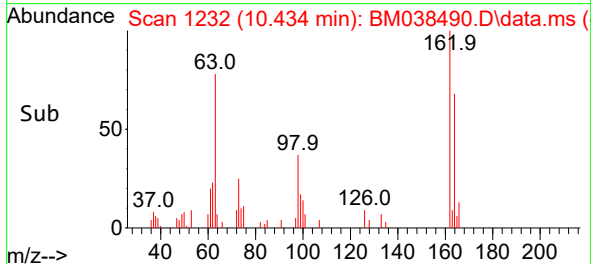
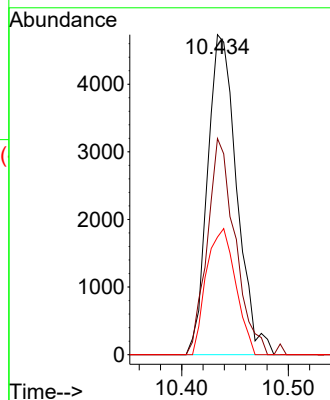
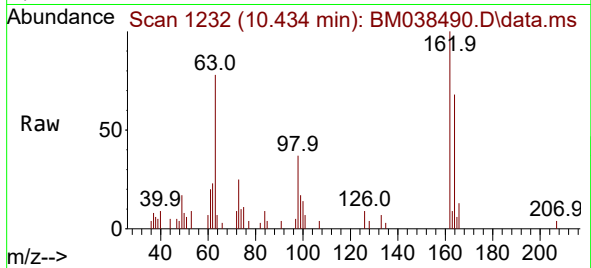
Tgt Ion:162 Resp: 9026

Ion Ratio Lower Upper

162 100

164 67.5 46.5 86.5

98 36.8 17.1 57.1



#30

1,2,4-Trichlorobenzene

Concen: 3.740 ng

RT: 10.645 min Scan# 1268

Delta R.T. -0.006 min

Lab File: BM038490.D

Acq: 19 Jan 2023 15:11

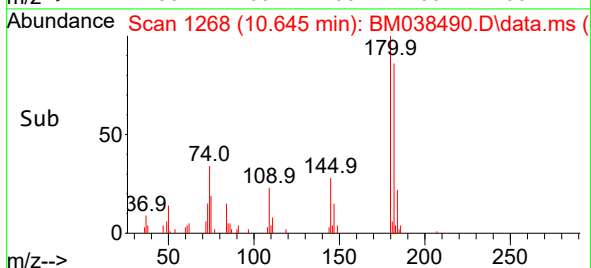
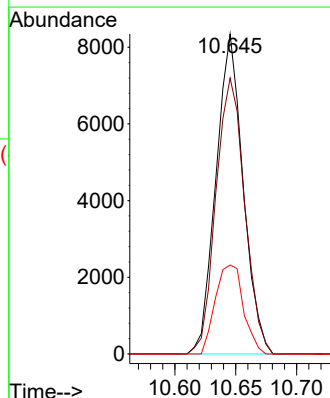
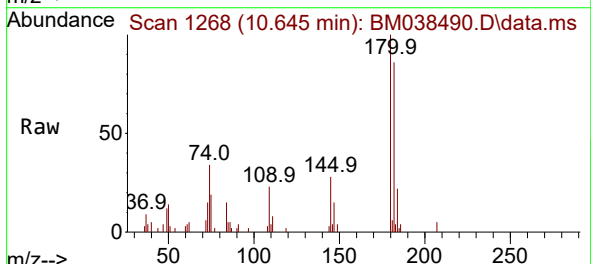
Tgt Ion:180 Resp: 12914

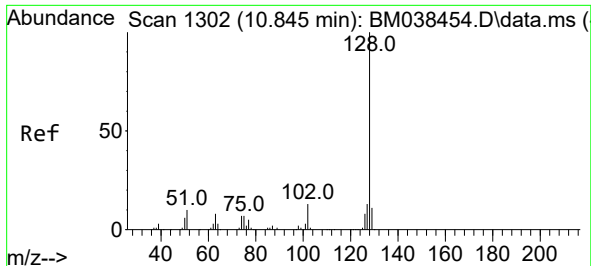
Ion Ratio Lower Upper

180 100

182 86.2 78.1 117.1

145 27.8 21.9 32.9

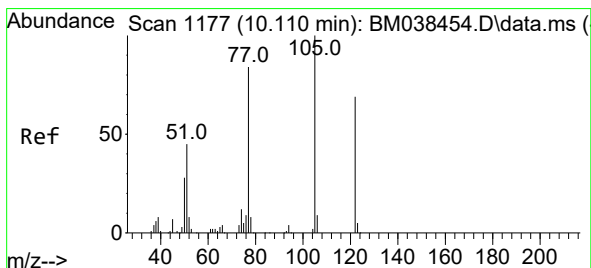
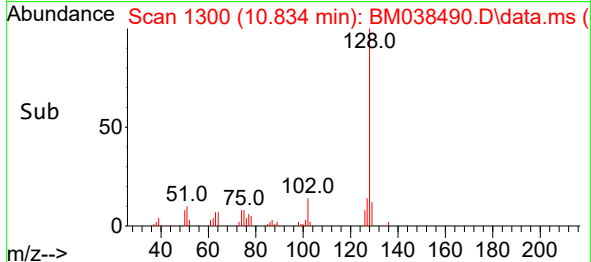
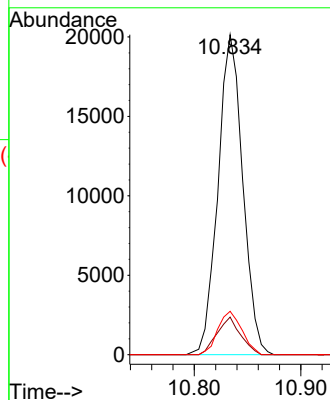
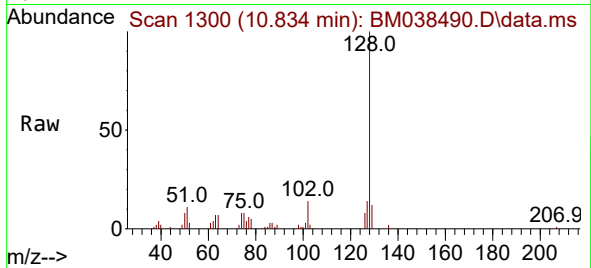




#31
Naphthalene
Concen: 3.513 ng
RT: 10.834 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

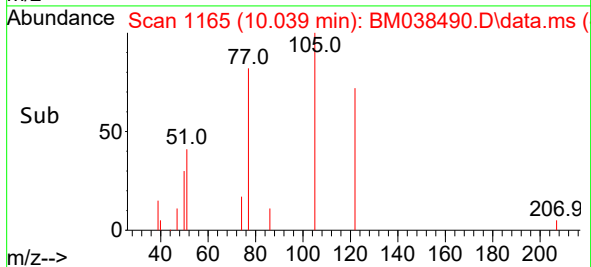
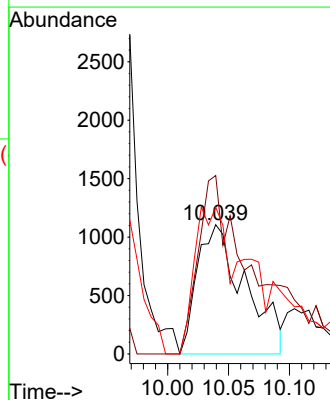
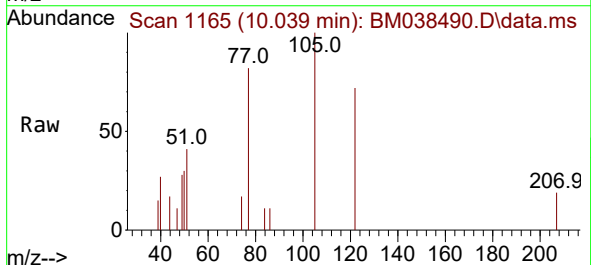
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2022

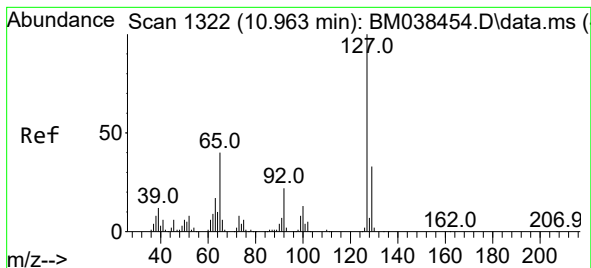
Tgt Ion:128 Resp: 32463
Ion Ratio Lower Upper
128 100
129 11.8 8.9 13.3
127 13.5 10.8 16.2



#32
Benzoic acid
Concen: 6.293 ng
RT: 10.039 min Scan# 1165
Delta R.T. -0.059 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

Tgt Ion:122 Resp: 3012
Ion Ratio Lower Upper
122 100
105 138.1 122.6 162.6
77 113.5 101.5 141.5





#33

4-Chloroaniline

Concen: 3.020 ng

RT: 10.957 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM038490.D

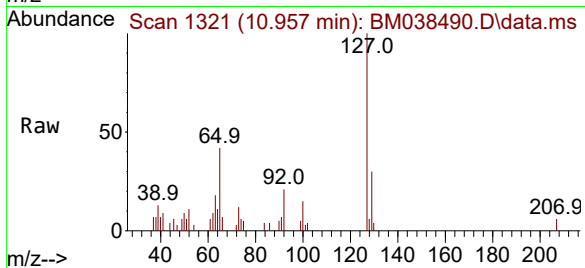
Acq: 19 Jan 2023 15:11

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2022



Tgt Ion:127 Resp: 12248

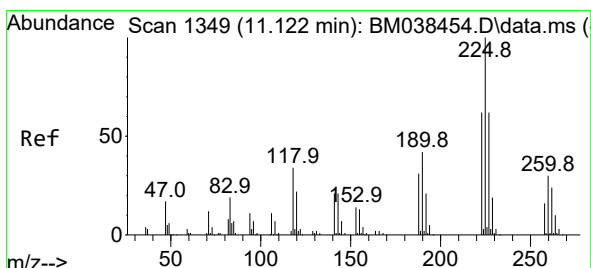
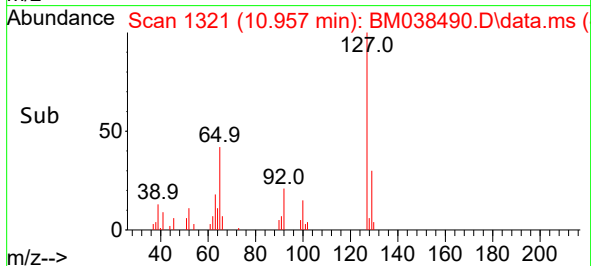
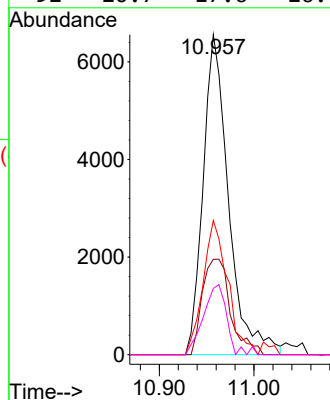
Ion Ratio Lower Upper

127 100

129 29.8 26.4 39.6

65 42.0 32.1 48.1

92 20.7 17.6 26.4



#34

Hexachlorobutadiene

Concen: 3.351 ng

RT: 11.110 min Scan# 1347

Delta R.T. 0.000 min

Lab File: BM038490.D

Acq: 19 Jan 2023 15:11

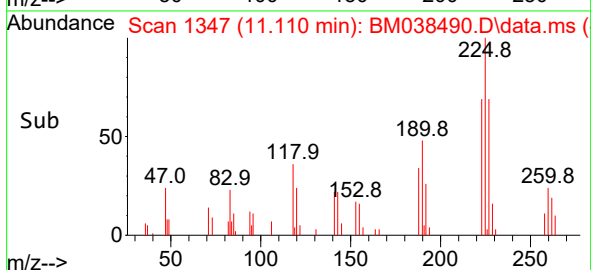
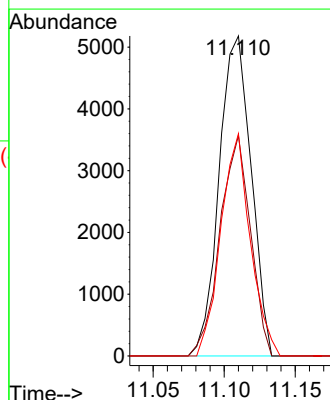
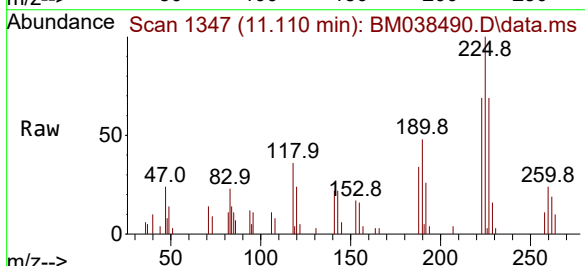
Tgt Ion:225 Resp: 8115

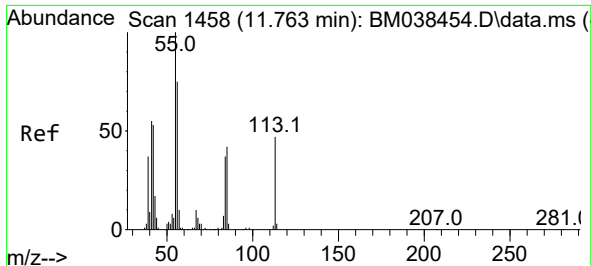
Ion Ratio Lower Upper

225 100

223 68.9 49.8 74.8

227 69.4 49.6 74.4

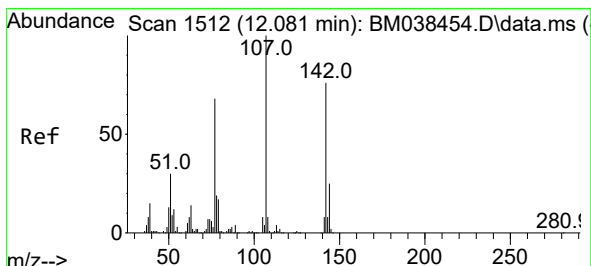
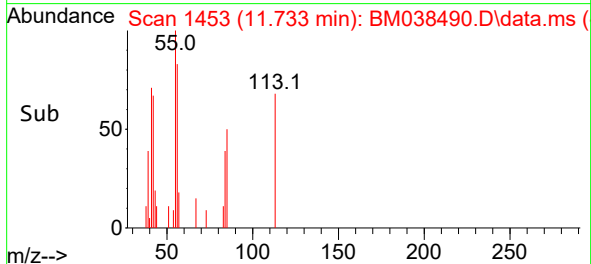
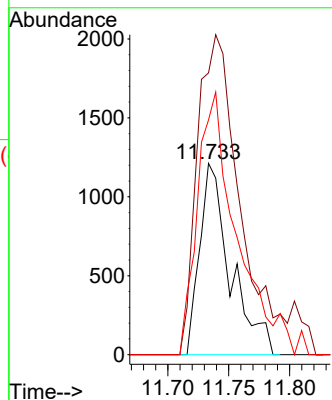
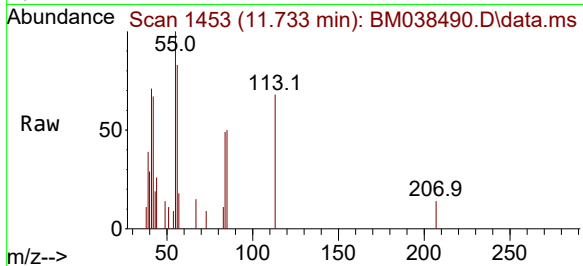




#35
Caprolactam
Concen: 2.522 ng
RT: 11.733 min Scan# 1458
Delta R.T. -0.017 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

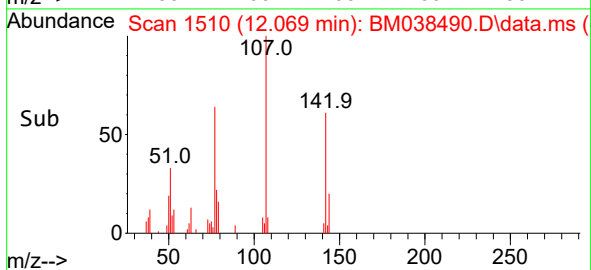
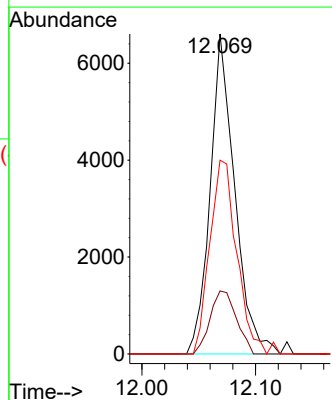
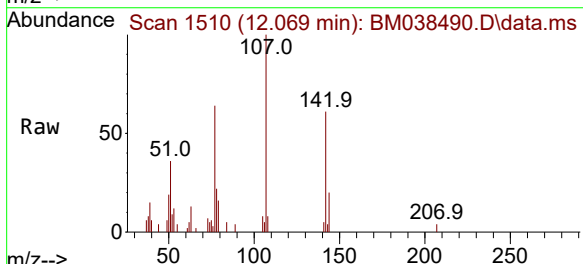
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2022

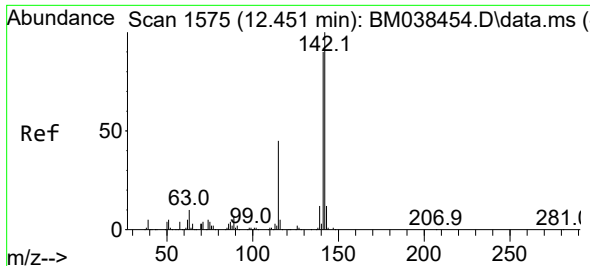
Tgt Ion:113 Resp: 2128
Ion Ratio Lower Upper
113 100
55 147.3 194.2 234.2#
56 122.7 141.6 181.6#



#36
4-Chloro-3-methylphenol
Concen: 3.050 ng
RT: 12.069 min Scan# 1510
Delta R.T. -0.006 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

Tgt Ion:107 Resp: 9928
Ion Ratio Lower Upper
107 100
144 19.7 20.3 30.5#
142 60.5 61.2 91.8#

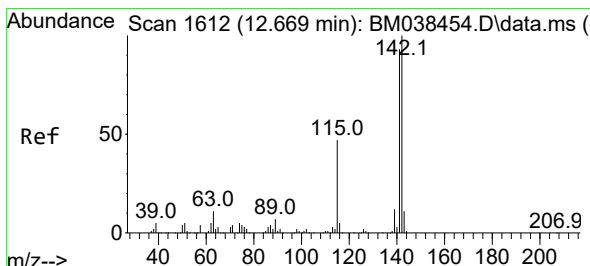
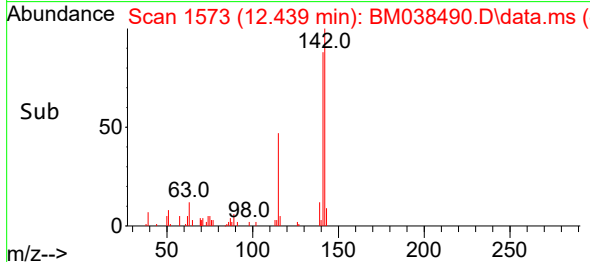
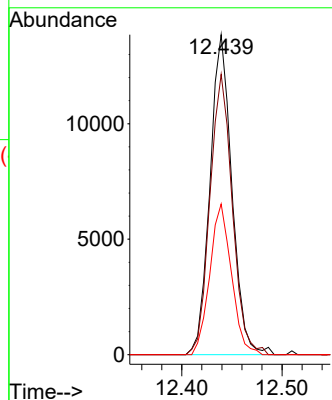
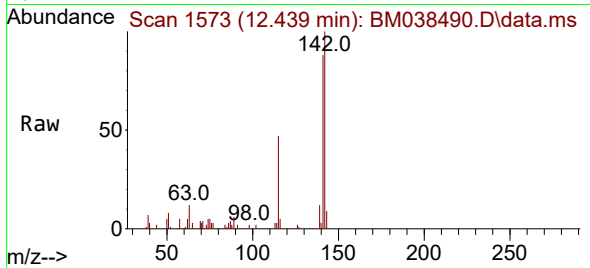




#37
2-Methylnaphthalene
Concen: 3.117 ng
RT: 12.439 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

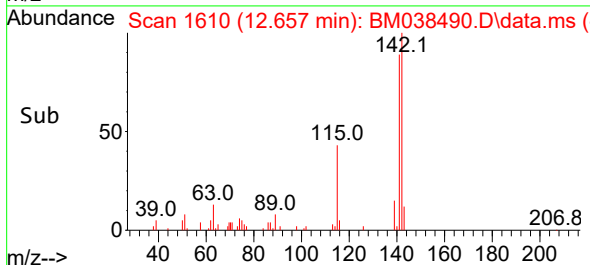
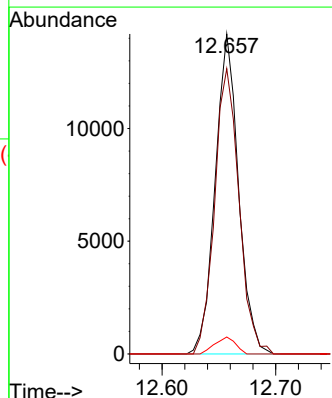
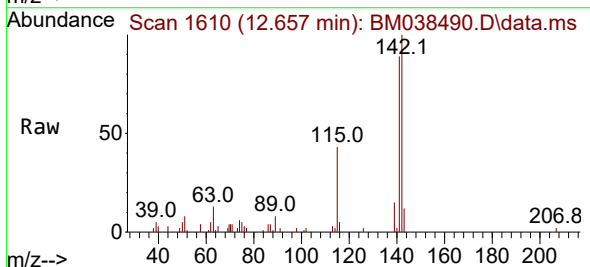
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2022

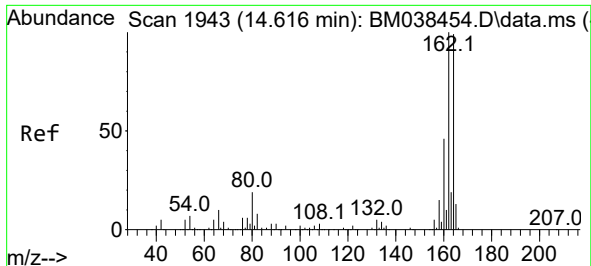
Tgt Ion:142 Resp: 21062
Ion Ratio Lower Upper
142 100
141 87.6 72.0 108.0
115 47.1 35.9 53.9



#38
1-Methylnaphthalene
Concen: 3.197 ng
RT: 12.657 min Scan# 1610
Delta R.T. -0.006 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

Tgt Ion:142 Resp: 20280
Ion Ratio Lower Upper
142 100
141 89.2 74.4 111.6
116 5.3 3.8 5.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.604 min Scan# 1941

Delta R.T. -0.006 min

Lab File: BM038490.D

Acq: 19 Jan 2023 15:11

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2022

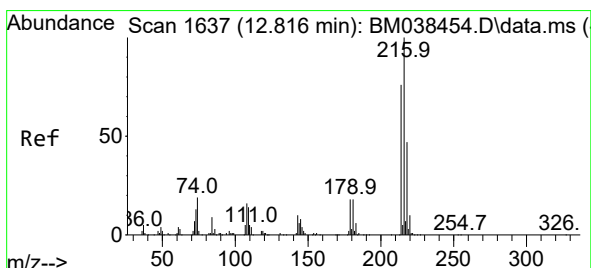
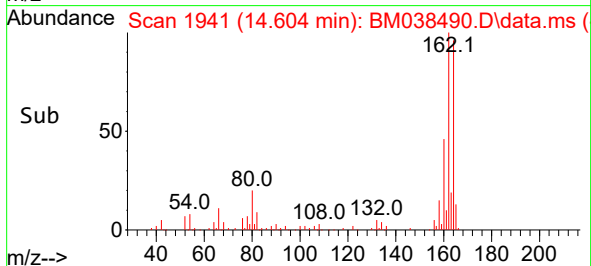
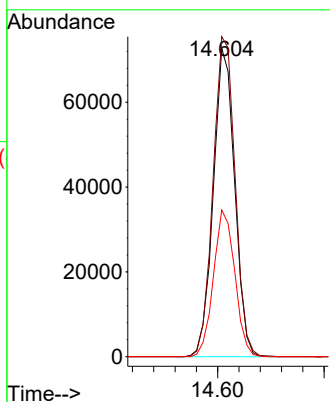
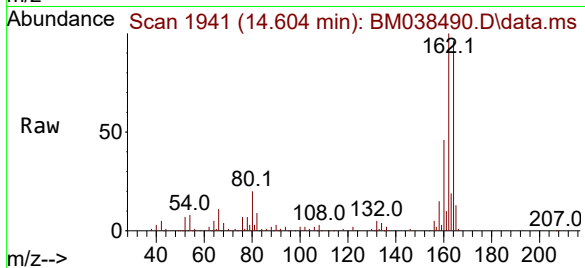
Tgt Ion:164 Resp: 100943

Ion Ratio Lower Upper

164 100

162 103.7 80.9 121.3

160 47.5 37.4 56.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 3.382 ng

RT: 12.804 min Scan# 1635

Delta R.T. -0.006 min

Lab File: BM038490.D

Acq: 19 Jan 2023 15:11

Tgt Ion:216 Resp: 12776

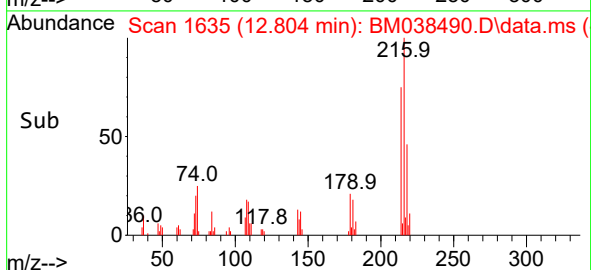
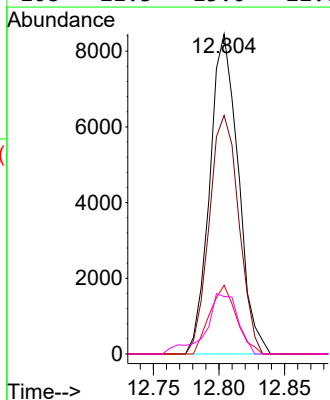
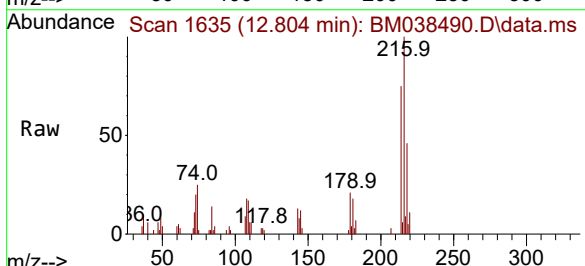
Ion Ratio Lower Upper

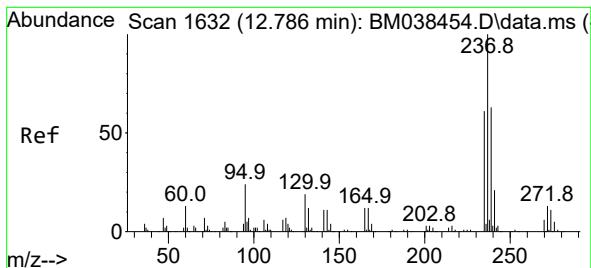
216 100

214 77.3 61.4 92.0

179 20.2 15.3 22.9

108 21.3 15.0 22.6





#41

Hexachlorocyclopentadiene

Concen: 3.142 ng

RT: 12.775 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM038490.D

Acq: 19 Jan 2023 15:11

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2022

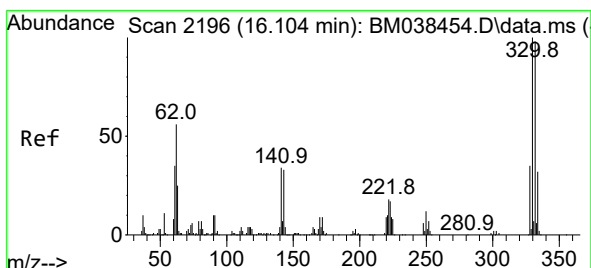
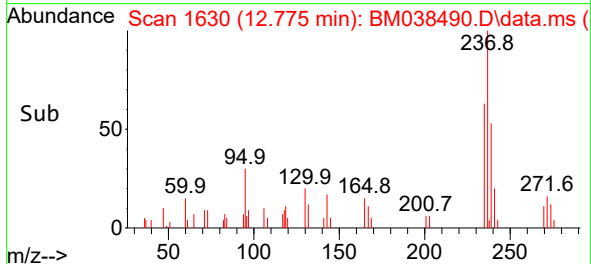
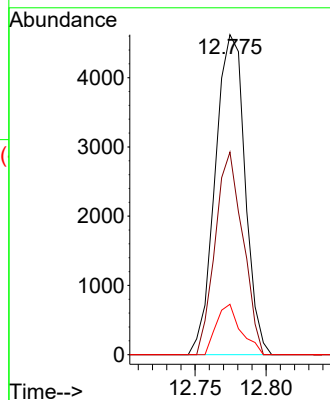
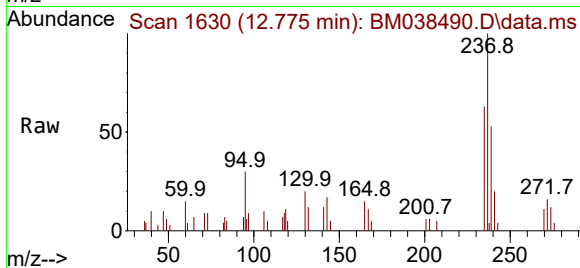
Tgt Ion:237 Resp: 6749

Ion Ratio Lower Upper

237 100

235 63.3 40.9 80.9

272 15.8 0.0 32.6



#42

2,4,6-Tribromophenol

Concen: 106.879 ng

RT: 16.092 min Scan# 2194

Delta R.T. -0.006 min

Lab File: BM038490.D

Acq: 19 Jan 2023 15:11

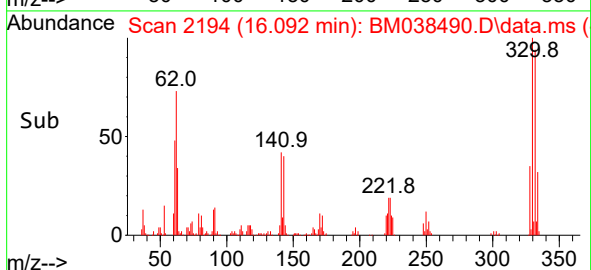
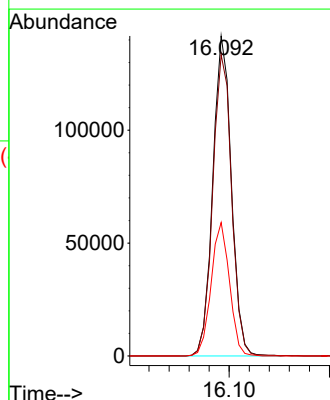
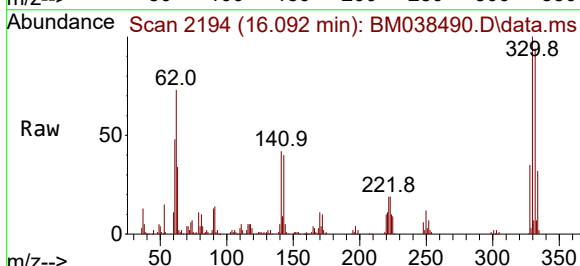
Tgt Ion:330 Resp: 182382

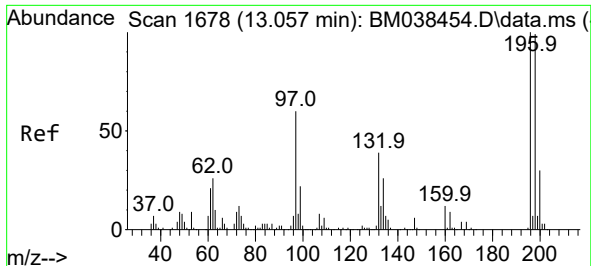
Ion Ratio Lower Upper

330 100

332 95.9 77.0 115.4

141 41.2 28.1 42.1

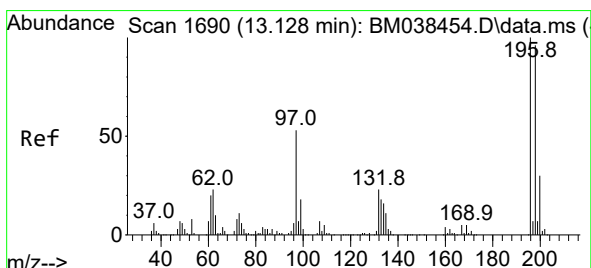
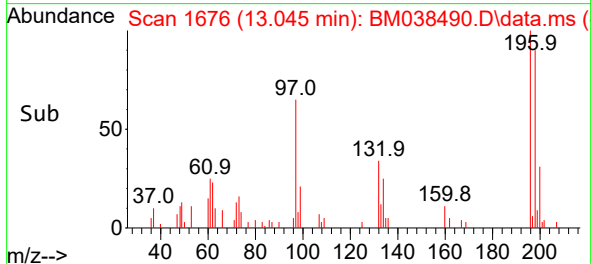
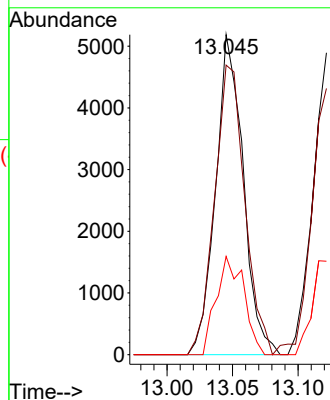
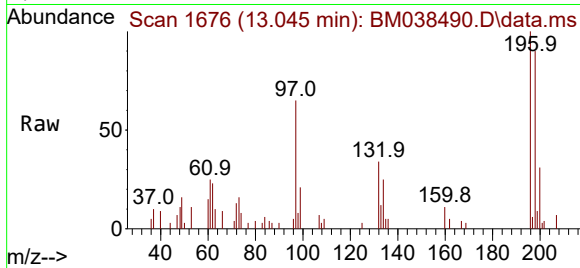




#43
2,4,6-Trichlorophenol
Concen: 3.173 ng
RT: 13.045 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

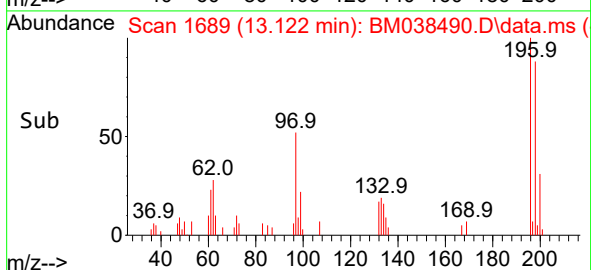
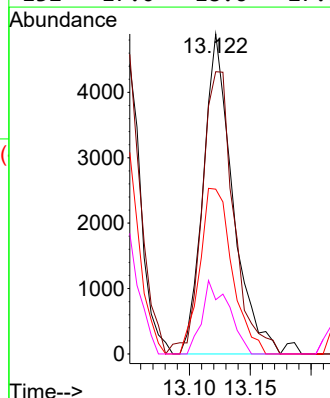
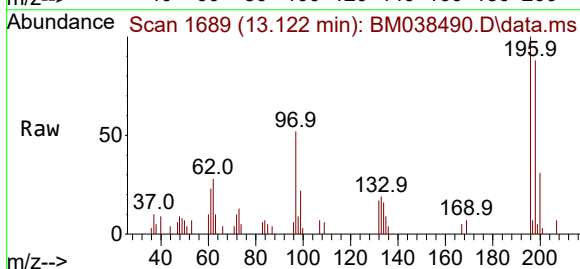
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2022

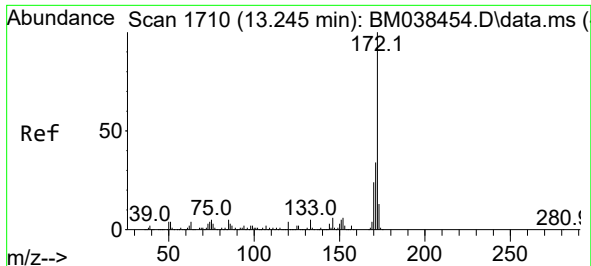
Tgt Ion:196 Resp: 7579
Ion Ratio Lower Upper
196 100
198 90.5 78.8 118.2
200 30.7 24.4 36.6



#44
2,4,5-Trichlorophenol
Concen: 2.924 ng
RT: 13.122 min Scan# 1689
Delta R.T. 0.000 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

Tgt Ion:196 Resp: 8233
Ion Ratio Lower Upper
196 100
198 88.2 77.4 116.2
97 51.5 42.4 63.6
132 17.0 18.6 27.8#

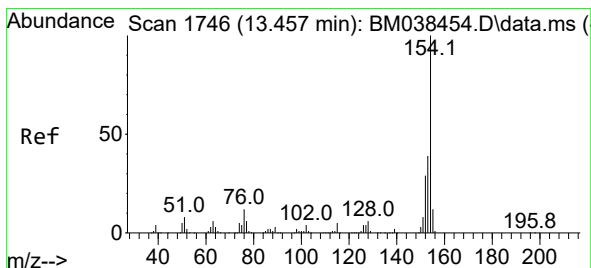
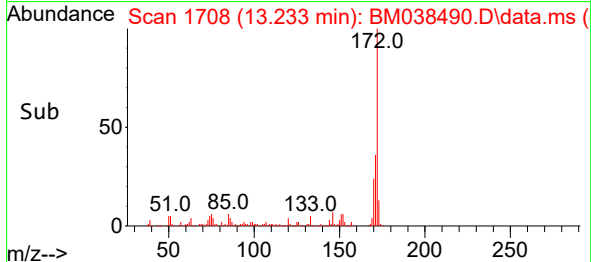
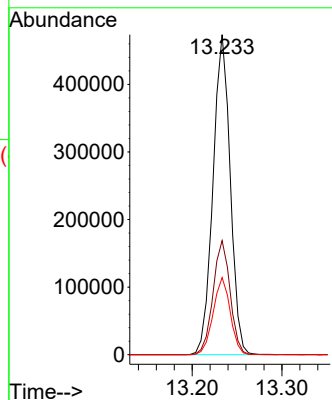
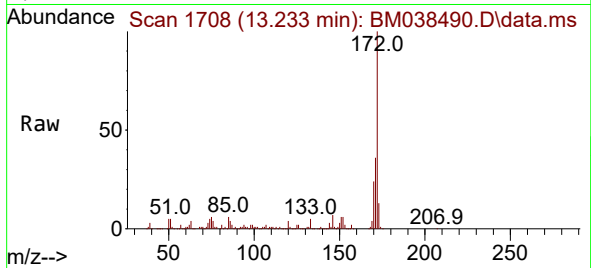




#45
2-Fluorobiphenyl
Concen: 78.017 ng
RT: 13.233 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

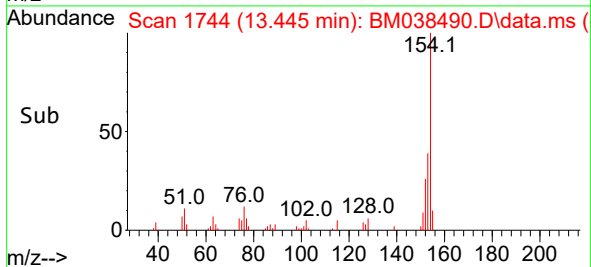
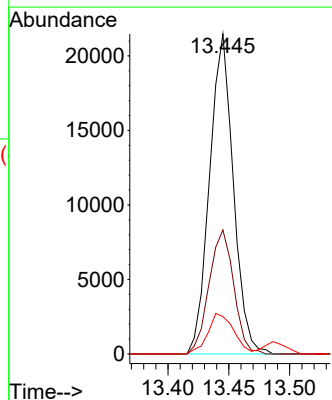
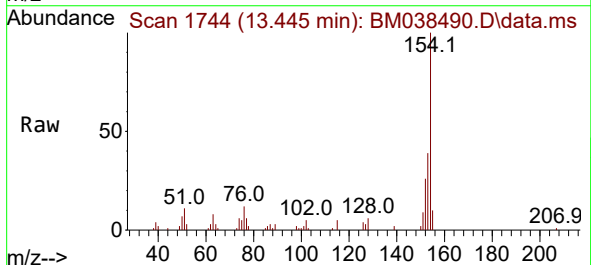
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2022

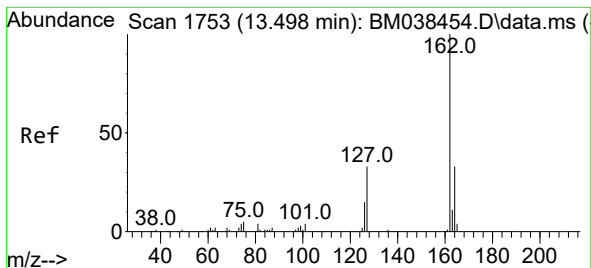
Tgt Ion:172 Resp: 631480
Ion Ratio Lower Upper
172 100
171 35.6 27.5 41.3
170 24.1 19.0 28.6



#46
1,1'-Biphenyl
Concen: 3.719 ng
RT: 13.445 min Scan# 1744
Delta R.T. 0.000 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

Tgt Ion:154 Resp: 29125
Ion Ratio Lower Upper
154 100
153 38.7 19.3 59.3
76 11.7 0.0 32.2





#47

2-Chloronaphthalene

Concen: 3.780 ng

RT: 13.486 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM038490.D

Acq: 19 Jan 2023 15:11

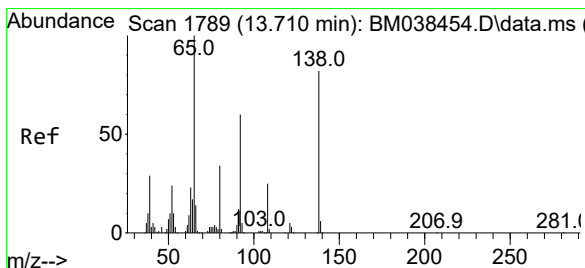
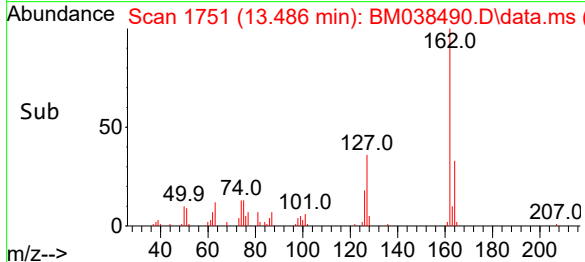
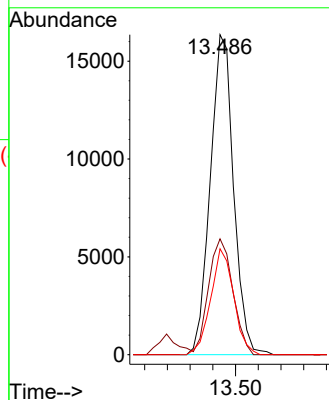
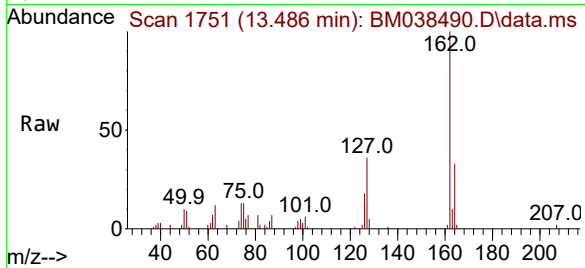
Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2022

Tgt Ion:162	Resp:	23299
Ion Ratio	Lower	Upper
162	100	
127	36.2	29.5 44.3
164	33.1	26.2 39.4



#48

2-Nitroaniline

Concen: 4.930 ng

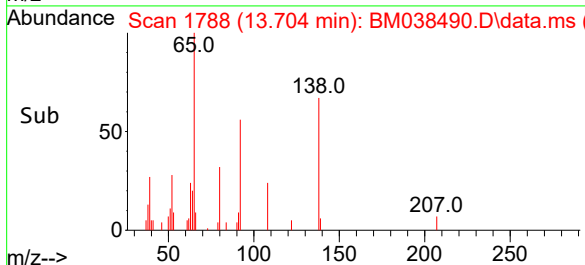
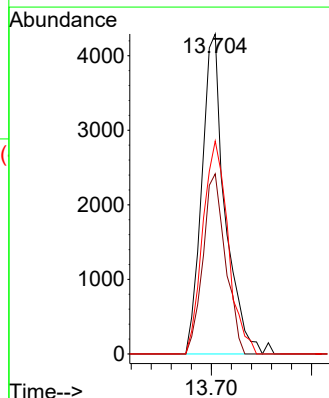
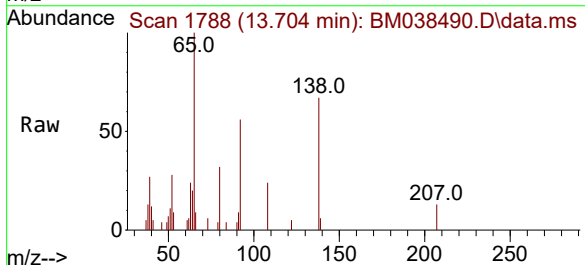
RT: 13.704 min Scan# 1788

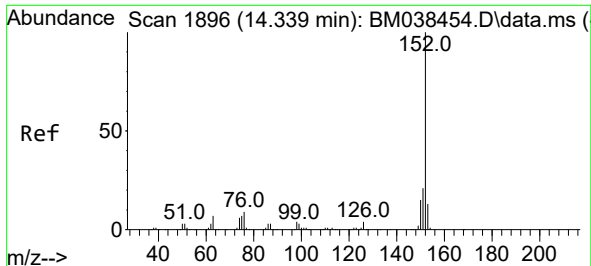
Delta R.T. 0.000 min

Lab File: BM038490.D

Acq: 19 Jan 2023 15:11

Tgt Ion: 65	Resp:	6898
Ion Ratio	Lower	Upper
65	100	
92	56.3	47.6 71.4
138	66.6	65.8 98.8

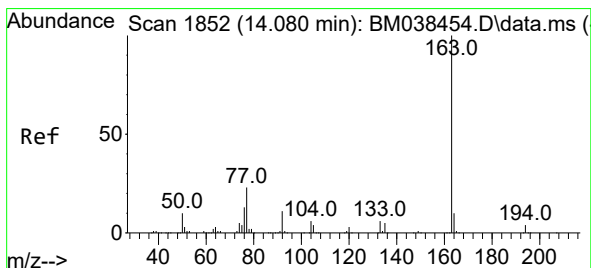
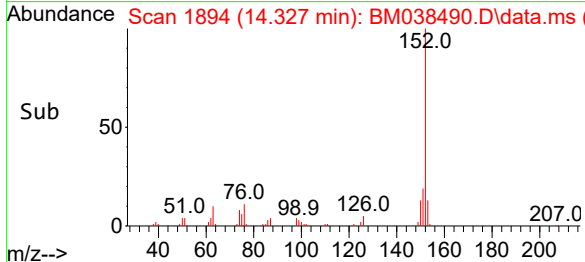
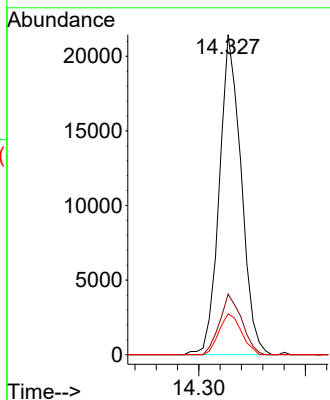
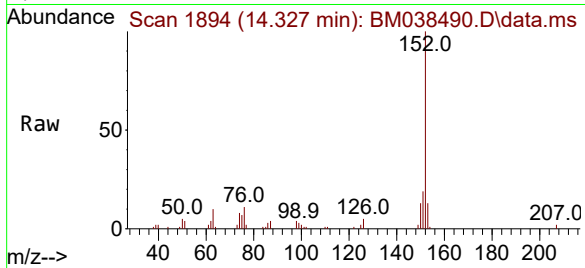




#49
Acenaphthylene
Concen: 3.131 ng
RT: 14.327 min Scan# 1894
Delta R.T. -0.006 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

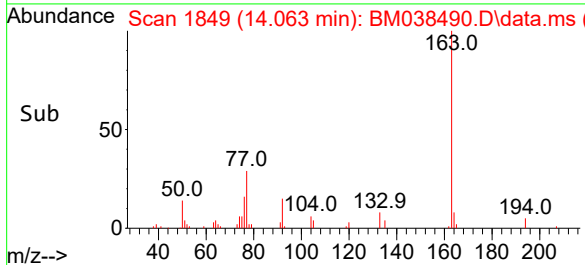
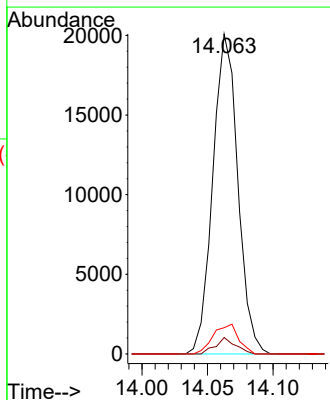
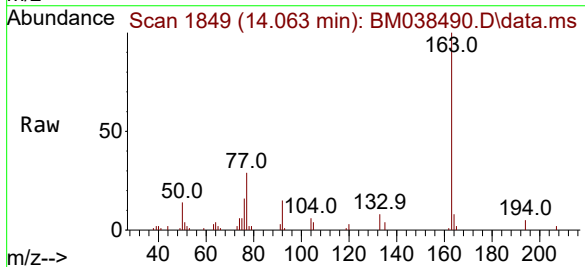
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2022

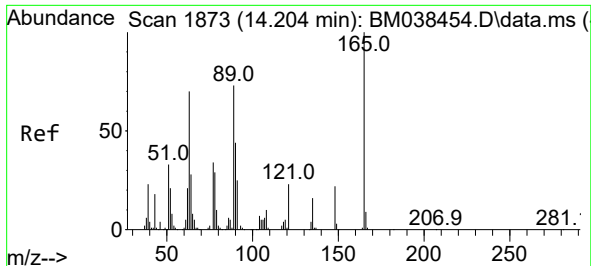
Tgt Ion:152 Resp: 30423
Ion Ratio Lower Upper
152 100
151 18.9 16.4 24.6
153 12.8 10.6 15.8



#50
Dimethylphthalate
Concen: 3.254 ng
RT: 14.063 min Scan# 1849
Delta R.T. -0.012 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

Tgt Ion:163 Resp: 26619
Ion Ratio Lower Upper
163 100
194 5.2 3.6 5.4
164 8.2 7.8 11.8

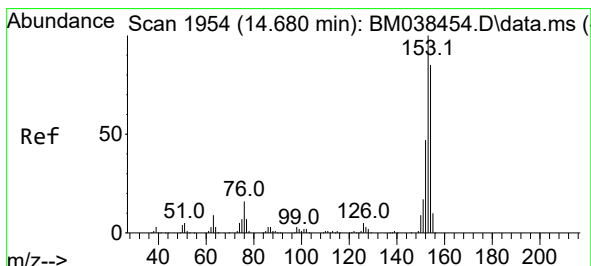
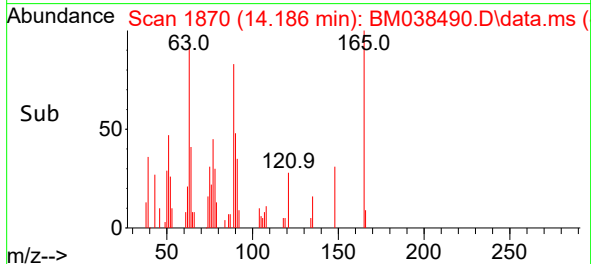
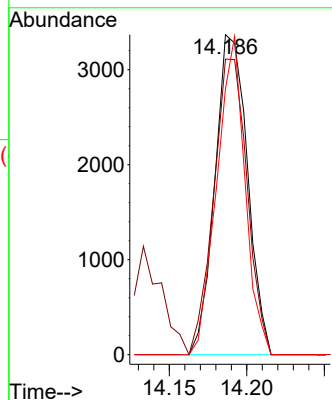
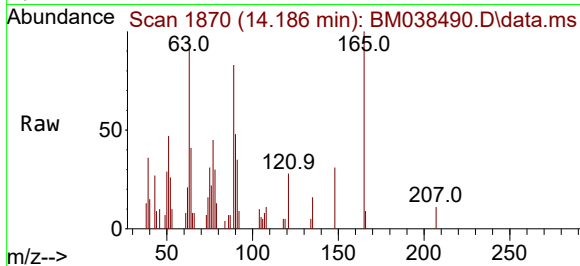




#51
2,6-Dinitrotoluene
Concen: 2.950 ng
RT: 14.186 min Scan# 1873
Delta R.T. -0.012 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

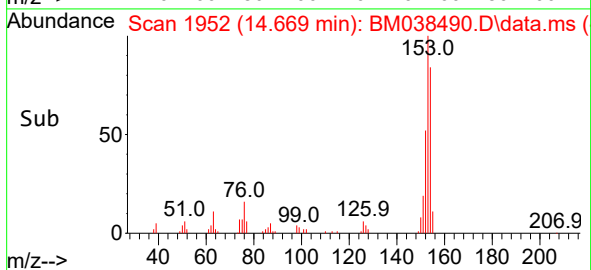
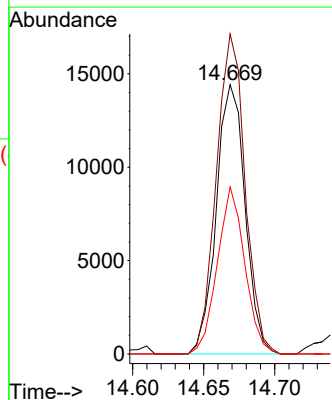
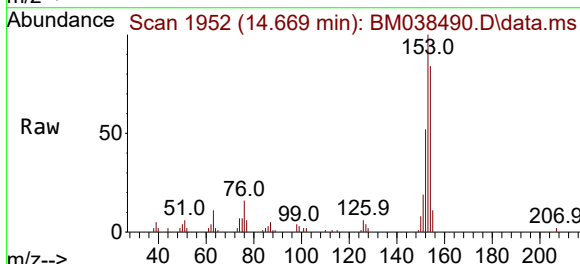
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2022

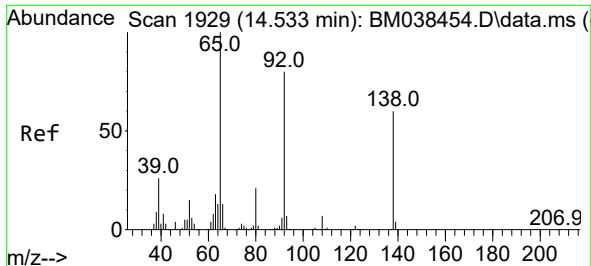
Tgt Ion:165 Resp: 4909
Ion Ratio Lower Upper
165 100
63 92.3 60.9 91.3#
89 83.2 58.6 87.8



#52
Acenaphthene
Concen: 3.447 ng
RT: 14.669 min Scan# 1952
Delta R.T. -0.006 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

Tgt Ion:154 Resp: 20357
Ion Ratio Lower Upper
154 100
153 118.8 93.8 140.6
152 62.0 44.2 66.4

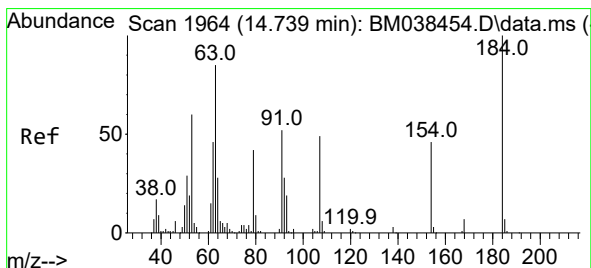
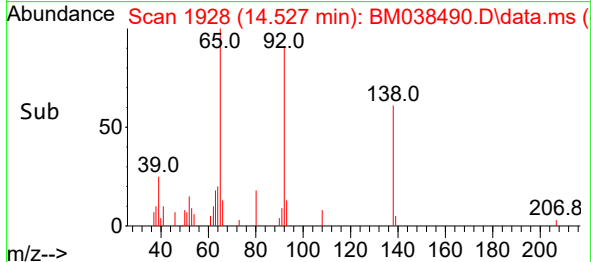
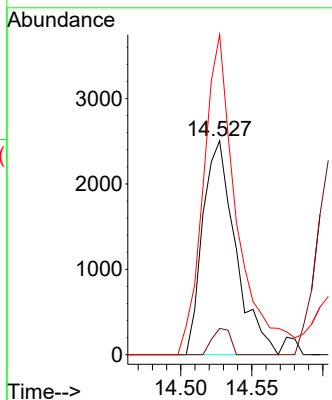
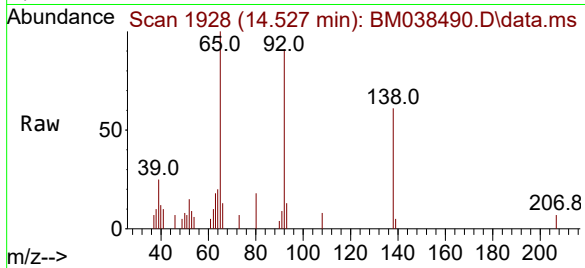




#53
3-Nitroaniline
Concen: 4.723 ng
RT: 14.527 min Scan# 1928
Delta R.T. 0.000 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

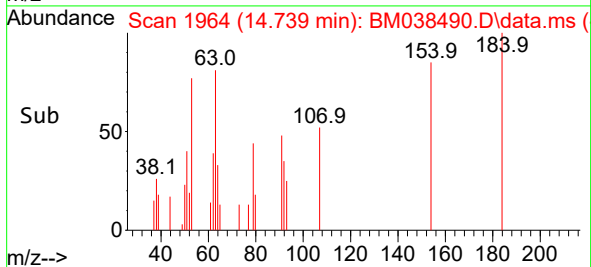
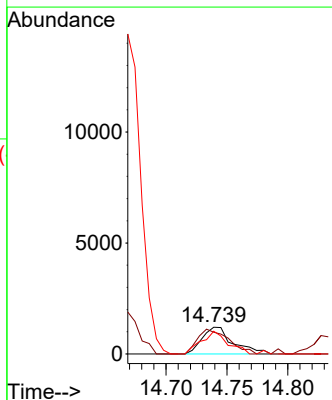
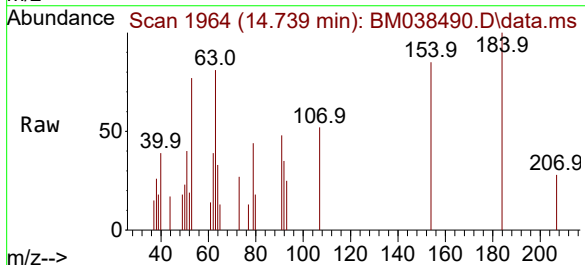
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2022

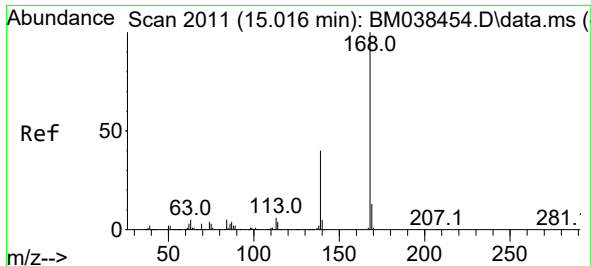
Tgt Ion:138 Resp: 4019
Ion Ratio Lower Upper
138 100
108 12.3 8.9 13.3
92 149.6 106.4 159.6



#54
2,4-Dinitrophenol
Concen: 6.917 ng
RT: 14.739 min Scan# 1964
Delta R.T. 0.006 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

Tgt Ion:184 Resp: 2129
Ion Ratio Lower Upper
184 100
63 81.1 70.0 105.0
154 84.7 55.6 83.4#

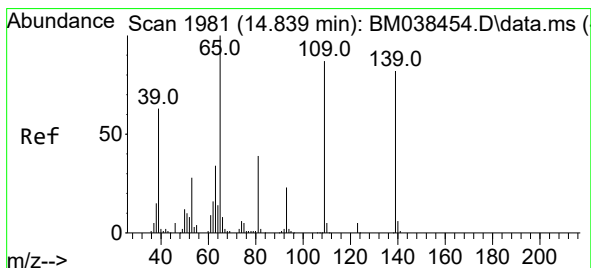
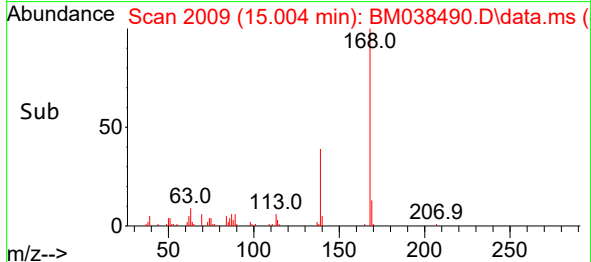
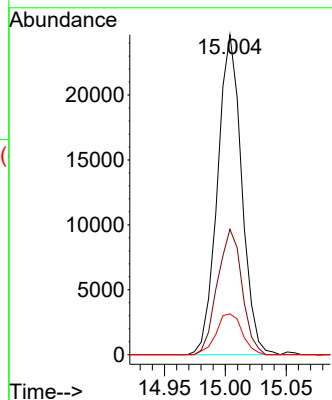
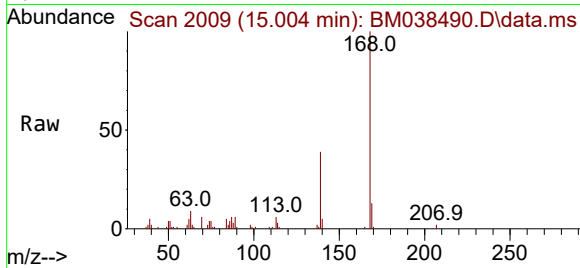




#55
Dibenzofuran
Concen: 3.387 ng
RT: 15.004 min Scan# 20
Delta R.T. -0.006 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

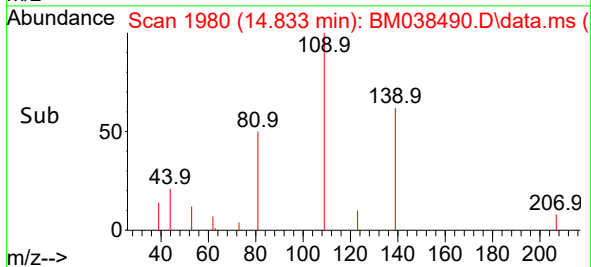
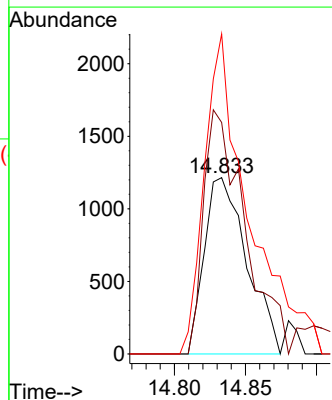
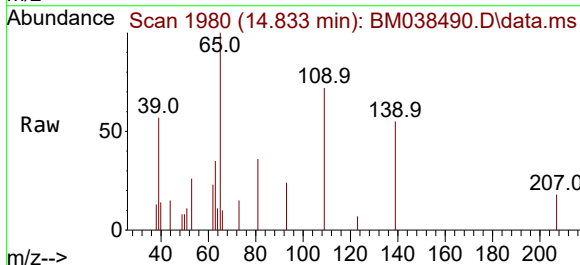
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2022

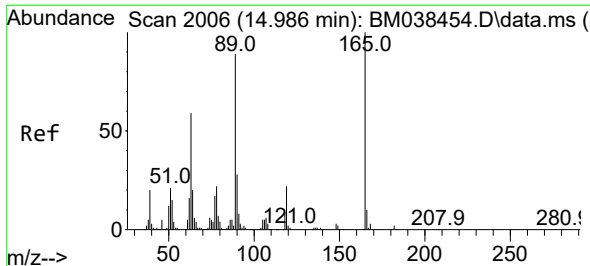
Tgt Ion:168 Resp: 34056
Ion Ratio Lower Upper
168 100
139 39.2 31.9 47.9
169 12.7 10.5 15.7



#56
4-Nitrophenol
Concen: 5.543 ng
RT: 14.833 min Scan# 1980
Delta R.T. 0.006 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

Tgt Ion:139 Resp: 2528
Ion Ratio Lower Upper
139 100
109 131.3 86.0 126.0#
65 181.5 102.7 142.7#





#57

2,4-Dinitrotoluene

Concen: 2.652 ng

RT: 14.980 min Scan# 2006

Delta R.T. 0.000 min

Lab File: BM038490.D

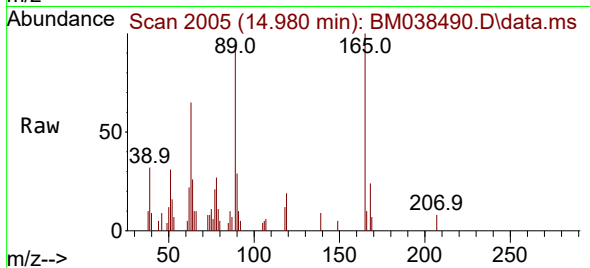
Acq: 19 Jan 2023 15:11

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2022



Tgt Ion:165 Resp: 6136

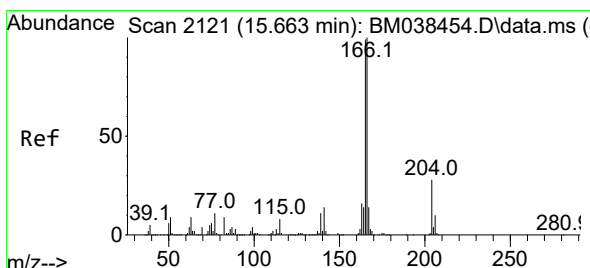
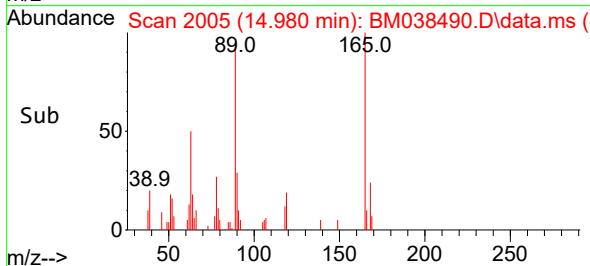
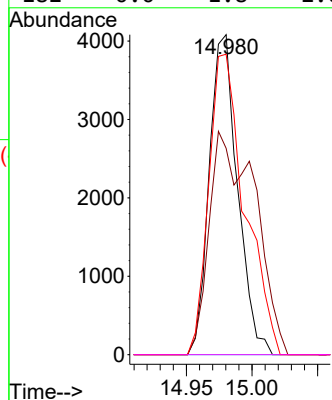
Ion Ratio Lower Upper

165 100

63 64.5 47.7 71.5

89 93.9 71.5 107.3

182 0.0 1.8 2.6#



#58

Fluorene

Concen: 3.041 ng

RT: 15.651 min Scan# 2119

Delta R.T. -0.006 min

Lab File: BM038490.D

Acq: 19 Jan 2023 15:11

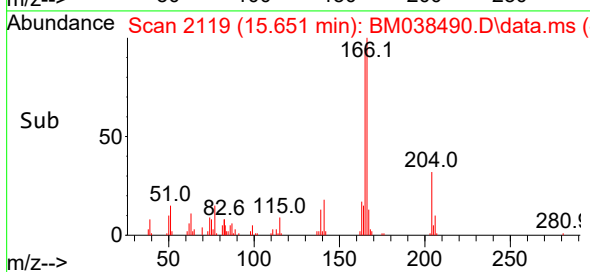
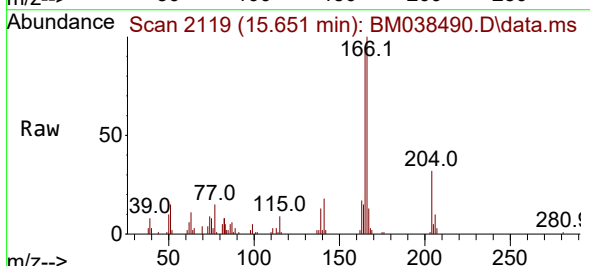
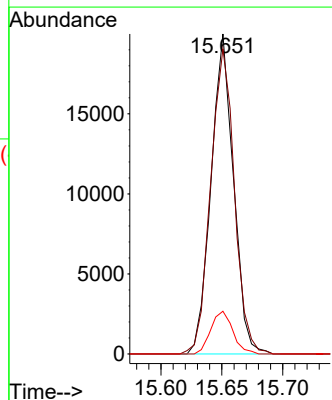
Tgt Ion:166 Resp: 25544

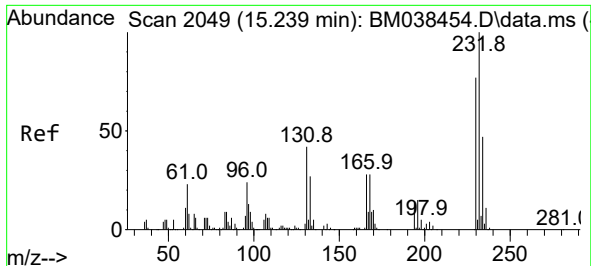
Ion Ratio Lower Upper

166 100

165 95.3 79.2 118.8

167 13.4 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 2.646 ng

RT: 15.227 min Scan# 2047

Delta R.T. -0.006 min

Lab File: BM038490.D

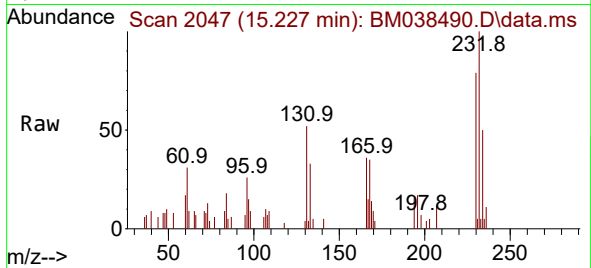
Acq: 19 Jan 2023 15:11

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2022



Tgt Ion:232 Resp: 6605

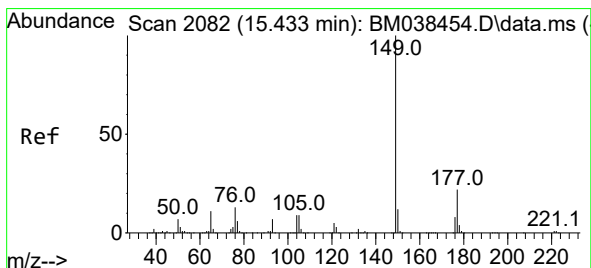
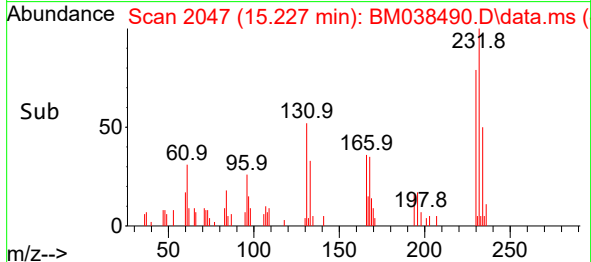
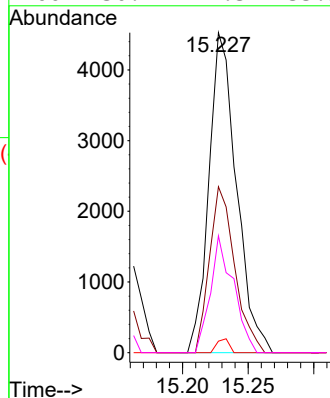
Ion Ratio Lower Upper

232 100

131 47.6 33.8 50.6

130 1.9 1.9 2.9

166 30.7 22.3 33.5



#60

Diethylphthalate

Concen: 3.073 ng

RT: 15.416 min Scan# 2079

Delta R.T. -0.006 min

Lab File: BM038490.D

Acq: 19 Jan 2023 15:11

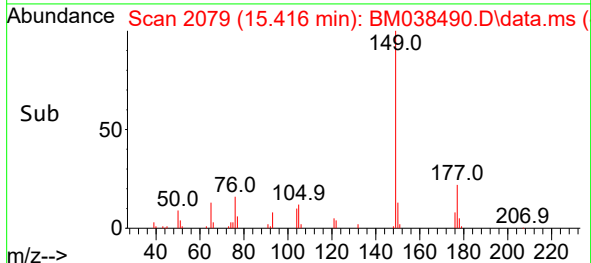
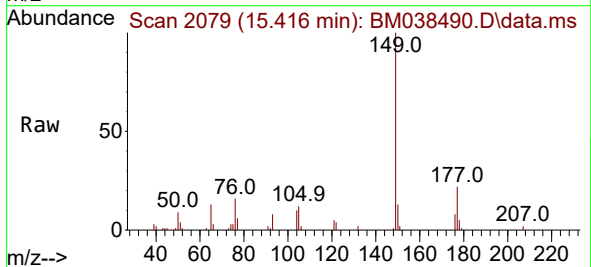
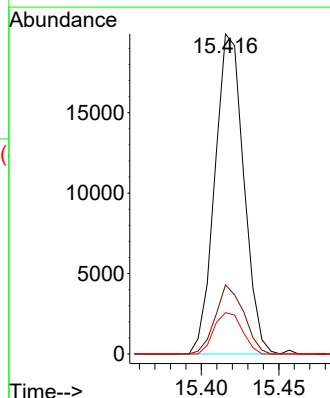
Tgt Ion:149 Resp: 25792

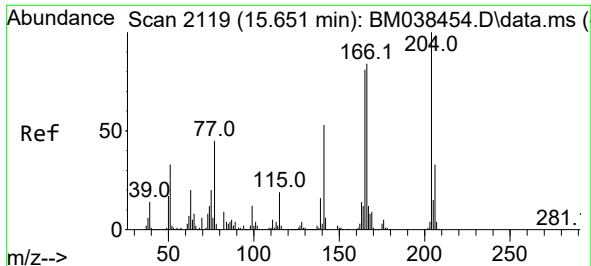
Ion Ratio Lower Upper

149 100

177 21.6 17.8 26.6

150 12.9 9.5 14.3

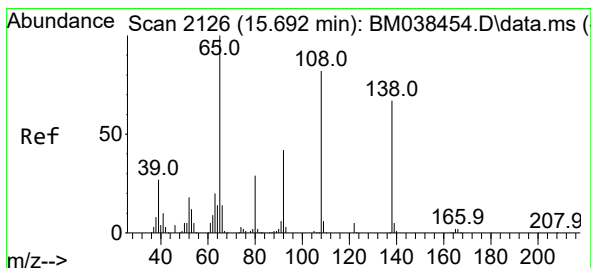
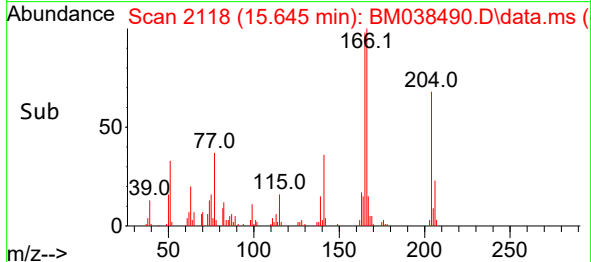
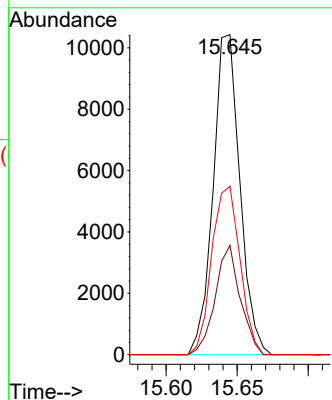
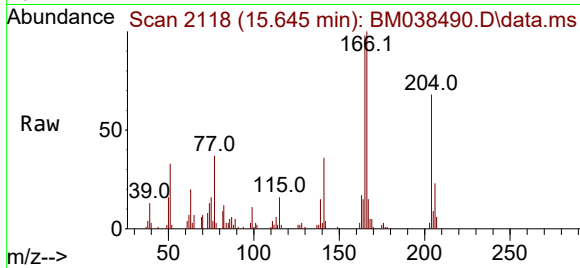




#61
4-Chlorophenyl-phenylether
Concen: 2.965 ng
RT: 15.645 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

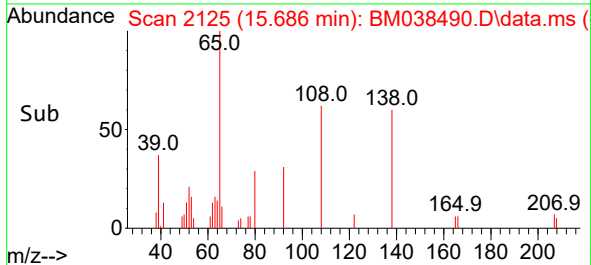
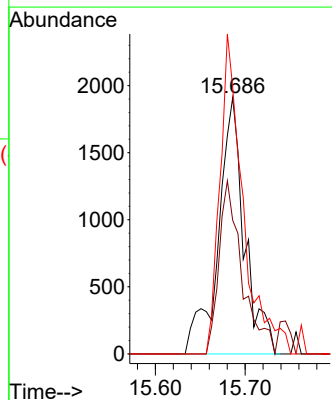
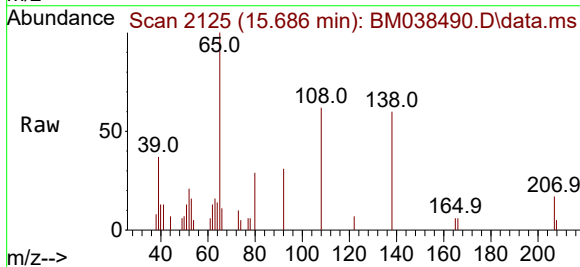
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2022

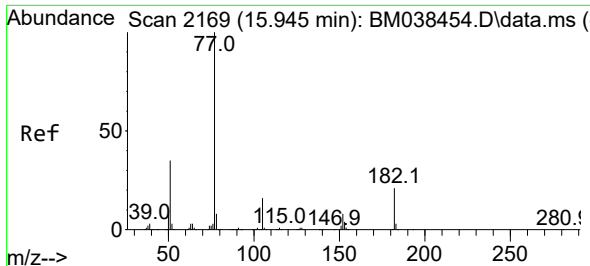
Tgt Ion:204 Resp: 13671
Ion Ratio Lower Upper
204 100
206 34.1 26.2 39.4
141 52.6 42.5 63.7



#62
4-Nitroaniline
Concen: 4.801 ng
RT: 15.686 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

Tgt Ion:138 Resp: 3883
Ion Ratio Lower Upper
138 100
92 52.2 42.1 82.1
108 104.1 102.5 142.5

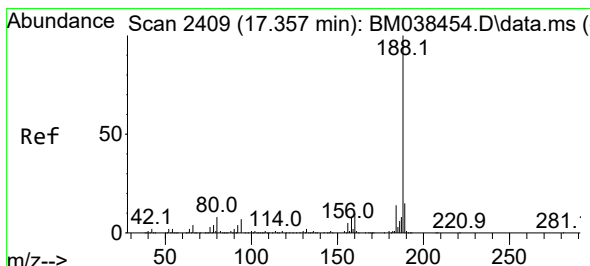
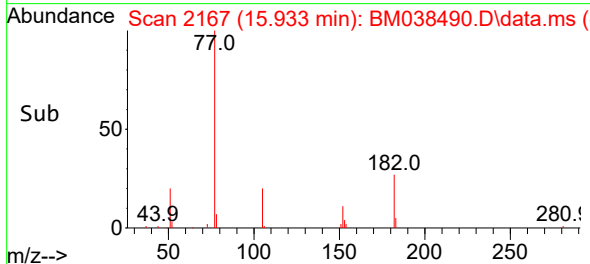
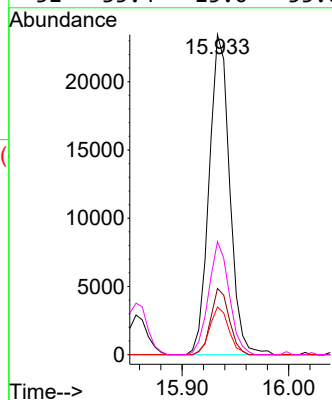
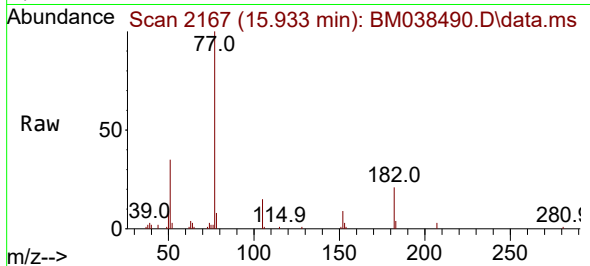




#63
Azobenzene
Concen: 3.408 ng
RT: 15.933 min Scan# 2169
Delta R.T. -0.006 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

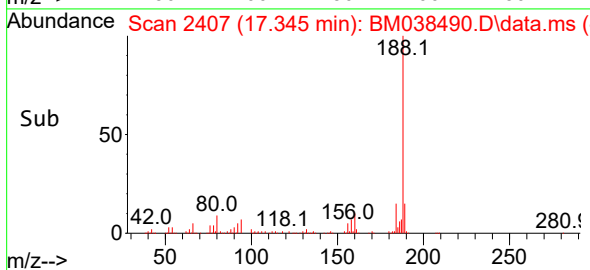
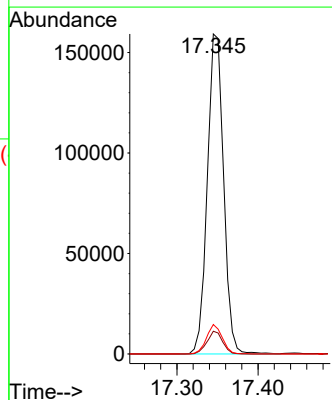
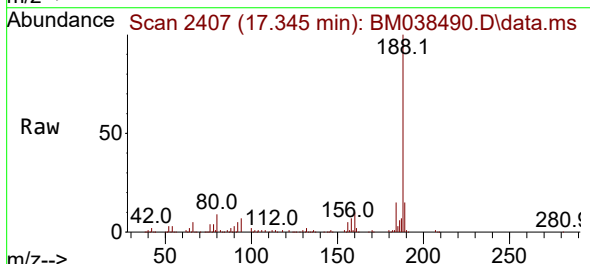
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2022

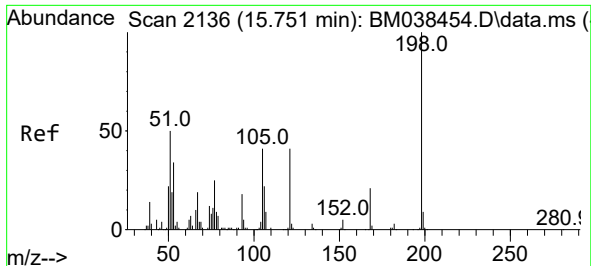
Tgt Ion: 77	Resp: 31467
Ion Ratio	Lower Upper
77 100	
182 20.7	1.1 41.1
105 14.9	0.0 36.4
51 35.4	15.0 55.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.345 min Scan# 2407
Delta R.T. -0.006 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

Tgt Ion: 188	Resp: 221293
Ion Ratio	Lower Upper
188 100	
94 7.1	5.4 8.0
80 9.2	6.5 9.7

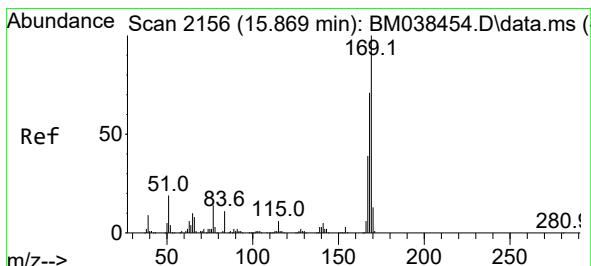
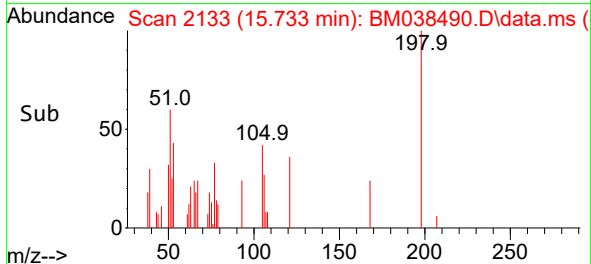
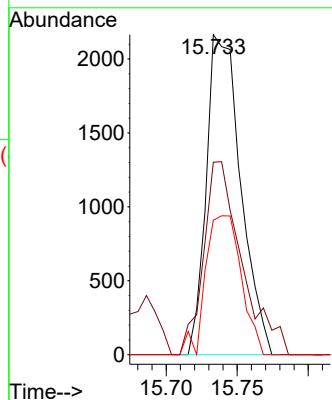
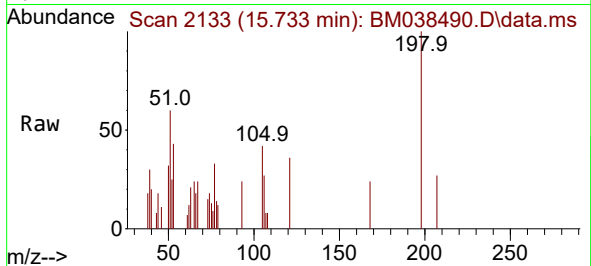




#65
4,6-Dinitro-2-methylphenol
Concen: 2.428 ng
RT: 15.733 min Scan# 2133
Delta R.T. -0.006 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

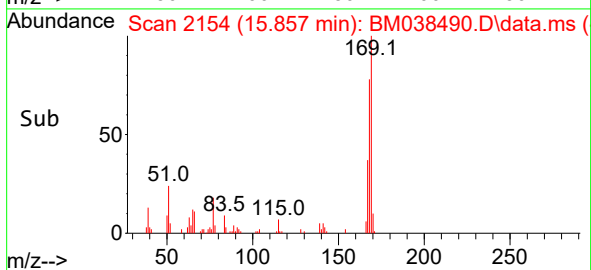
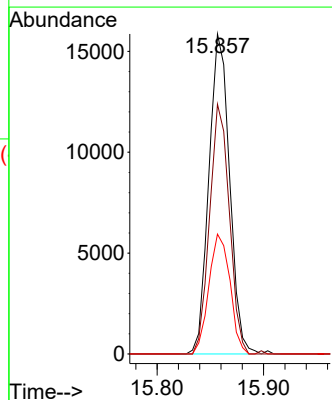
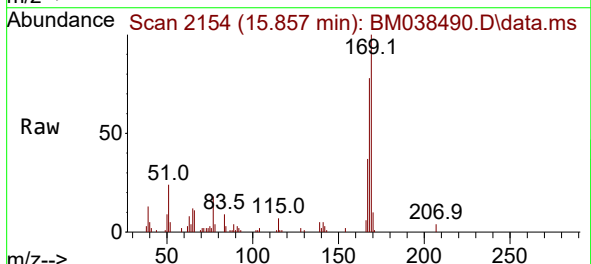
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2022

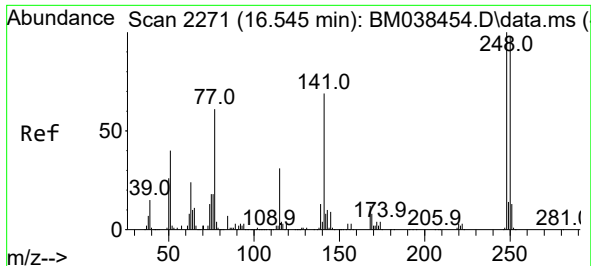
Tgt Ion	Ratio	Lower	Upper
198	100		
51	60.1	31.6	71.6
105	42.0	21.5	61.5



#66
n-Nitrosodiphenylamine
Concen: 3.293 ng
RT: 15.857 min Scan# 2154
Delta R.T. -0.006 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

Tgt Ion	Ratio	Lower	Upper
169	100		
168	78.1	56.6	85.0
167	37.5	31.1	46.7

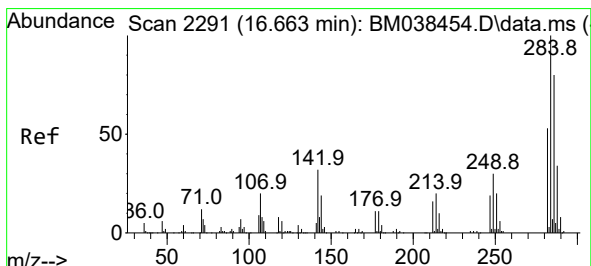
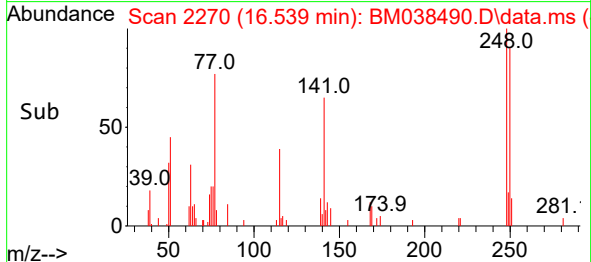
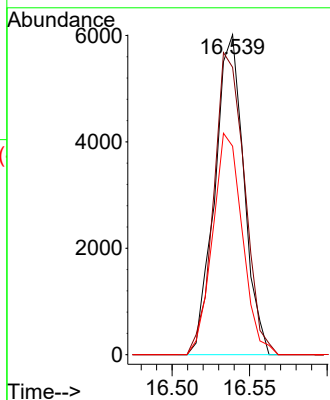
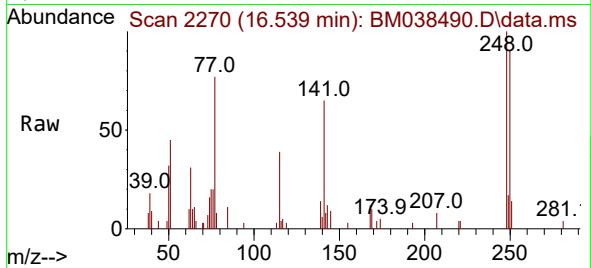




#67
4-Bromophenyl-phenylether
Concen: 3.069 ng
RT: 16.539 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

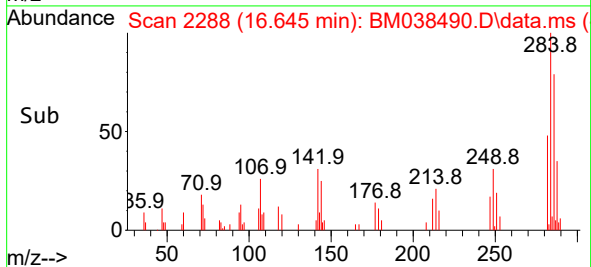
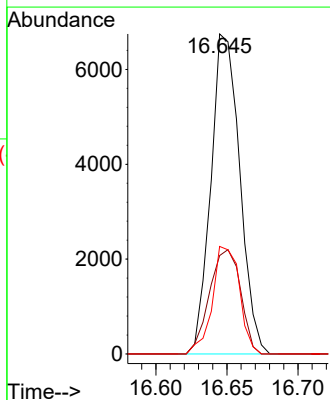
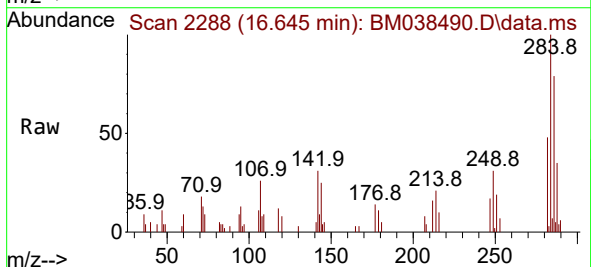
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2022

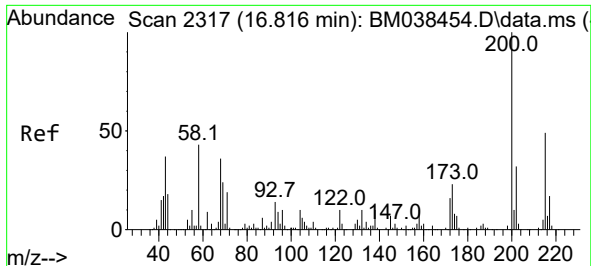
Tgt Ion:248 Resp: 7856
Ion Ratio Lower Upper
248 100
250 89.8 78.3 117.5
141 65.2 55.1 82.7



#68
Hexachlorobenzene
Concen: 3.333 ng
RT: 16.645 min Scan# 2288
Delta R.T. -0.012 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

Tgt Ion:284 Resp: 9555
Ion Ratio Lower Upper
284 100
142 30.8 26.0 39.0
249 33.6 23.8 35.8

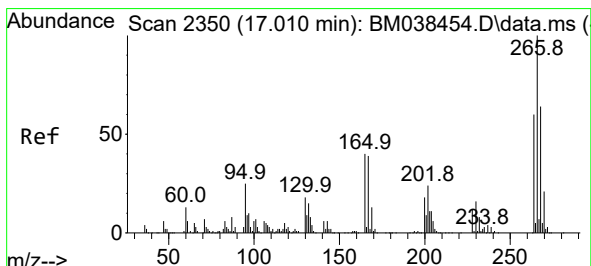
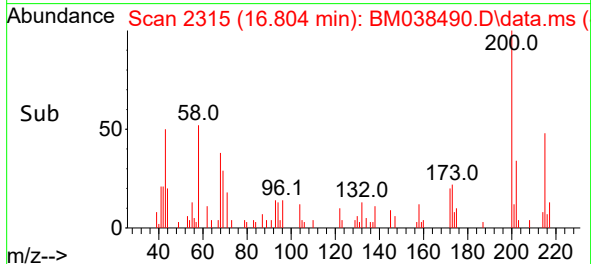
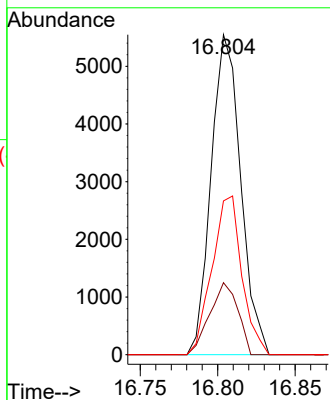
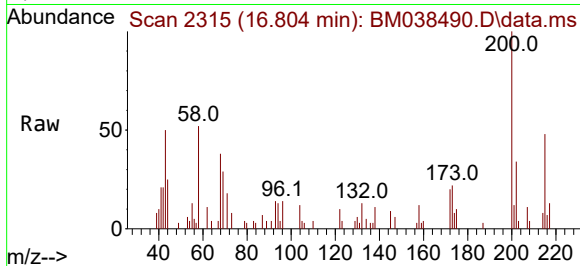




#69
 Atrazine
 Concen: 3.206 ng
 RT: 16.804 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM038490.D
 Acq: 19 Jan 2023 15:11

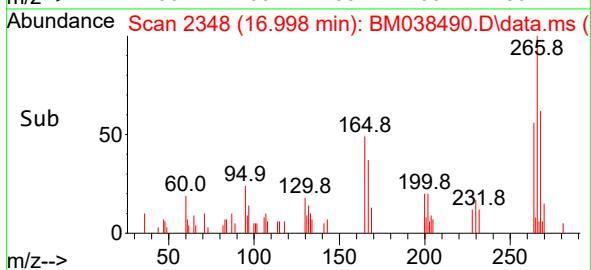
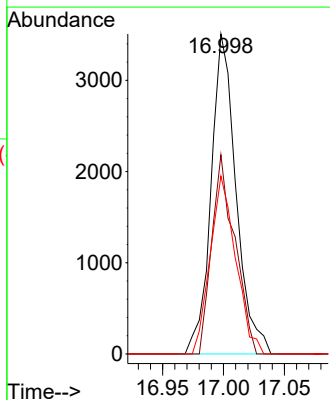
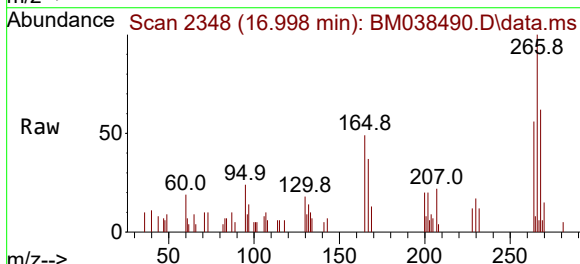
Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT3-2022

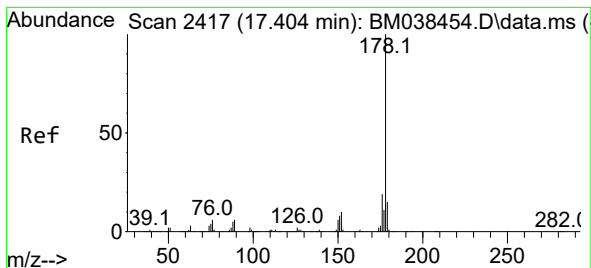
Tgt Ion:200 Resp: 7362
 Ion Ratio Lower Upper
 200 100
 173 22.5 3.4 43.4
 215 48.0 29.3 69.3



#70
 Pentachlorophenol
 Concen: 2.399 ng
 RT: 16.998 min Scan# 2348
 Delta R.T. 0.000 min
 Lab File: BM038490.D
 Acq: 19 Jan 2023 15:11

Tgt Ion:266 Resp: 5019
 Ion Ratio Lower Upper
 266 100
 268 62.3 51.4 77.0
 264 63.3 48.2 72.2





#71

Phenanthrene

Concen: 3.354 ng

RT: 17.386 min Scan# 2417

Delta R.T. -0.006 min

Lab File: BM038490.D

Acq: 19 Jan 2023 15:11

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2022

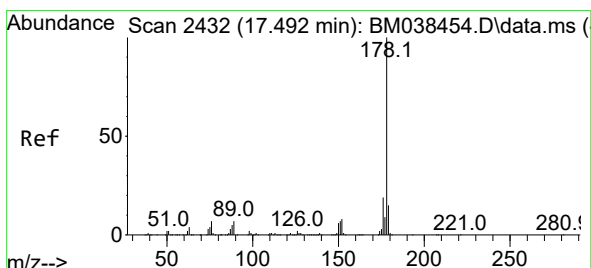
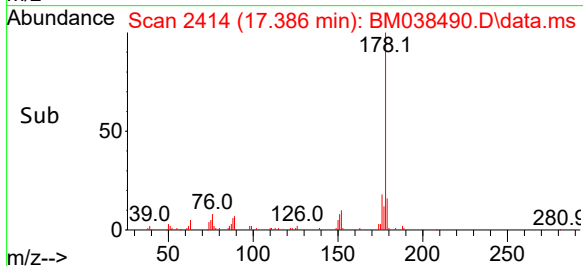
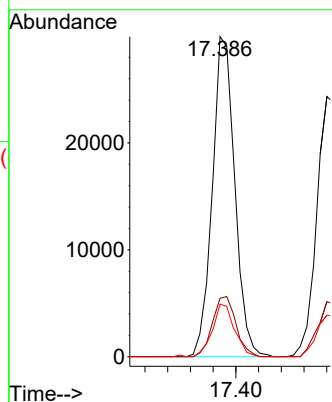
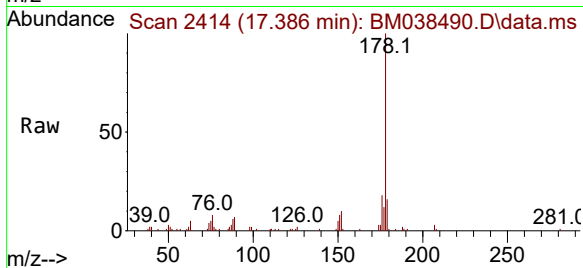
Tgt Ion:178 Resp: 41068

Ion Ratio Lower Upper

178 100

176 18.3 15.4 23.0

179 16.5 12.1 18.1



#72

Anthracene

Concen: 3.077 ng

RT: 17.480 min Scan# 2430

Delta R.T. -0.006 min

Lab File: BM038490.D

Acq: 19 Jan 2023 15:11

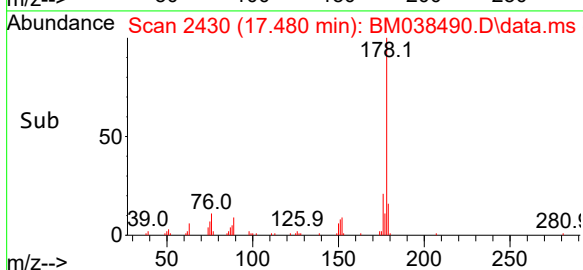
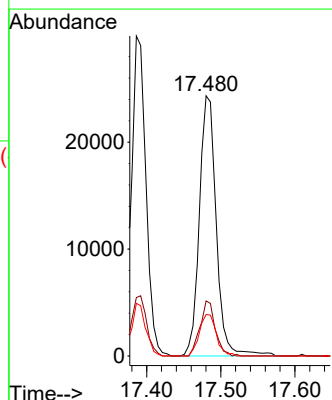
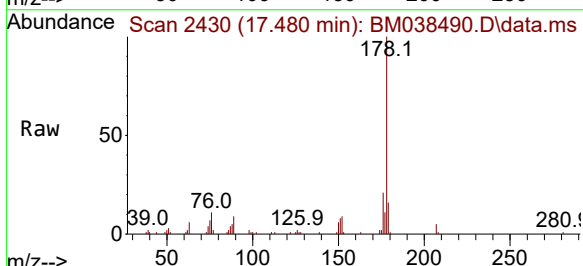
Tgt Ion:178 Resp: 38718

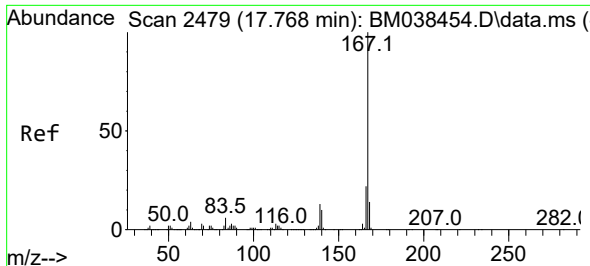
Ion Ratio Lower Upper

178 100

176 21.2 15.0 22.6

179 15.9 12.2 18.2

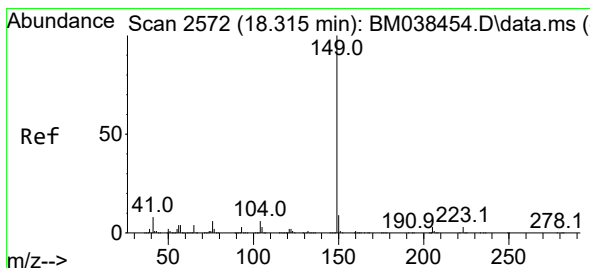
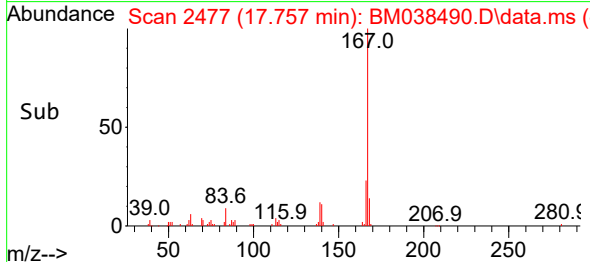
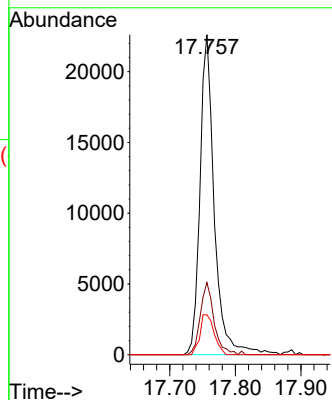
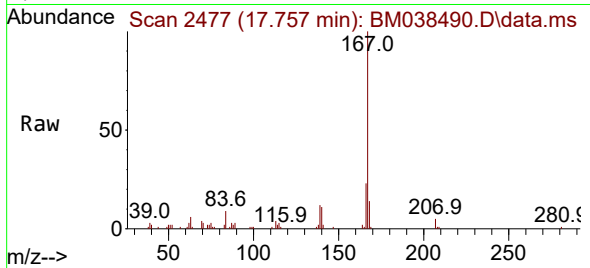




#73
 Carbazole
 Concen: 3.127 ng
 RT: 17.757 min Scan# 2479
 Delta R.T. 0.000 min
 Lab File: BM038490.D
 Acq: 19 Jan 2023 15:11

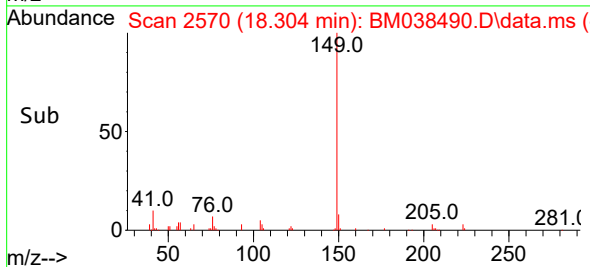
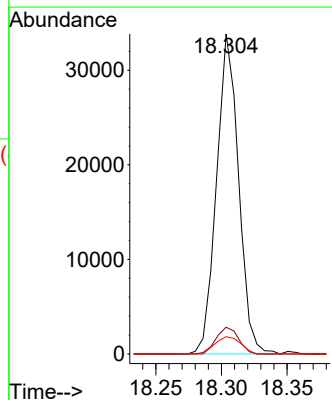
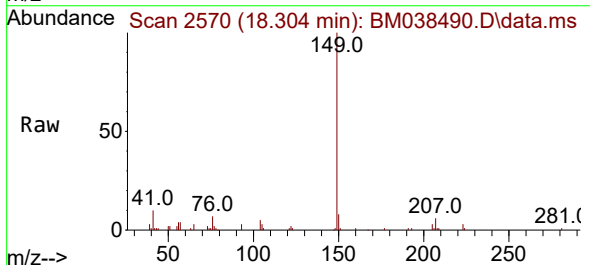
Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT3-2022

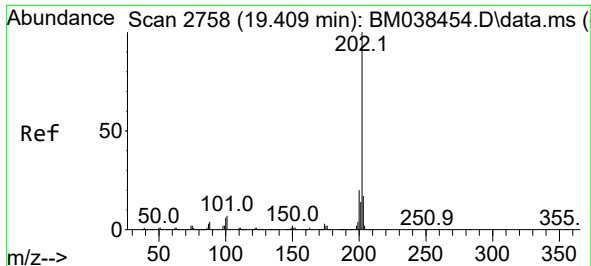
Tgt Ion:167 Resp: 34410
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.4 26.0
 139 12.4 10.1 15.1



#74
 Di-n-butylphthalate
 Concen: 3.020 ng
 RT: 18.304 min Scan# 2570
 Delta R.T. -0.006 min
 Lab File: BM038490.D
 Acq: 19 Jan 2023 15:11

Tgt Ion:149 Resp: 39469
 Ion Ratio Lower Upper
 149 100
 150 8.3 7.4 11.2
 104 5.4 4.7 7.1

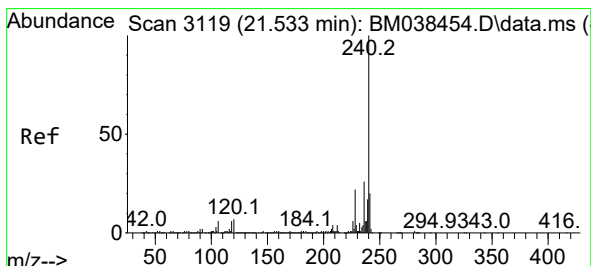
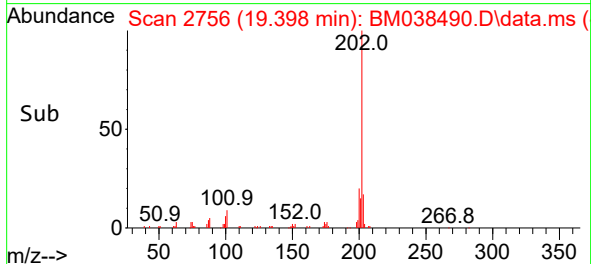
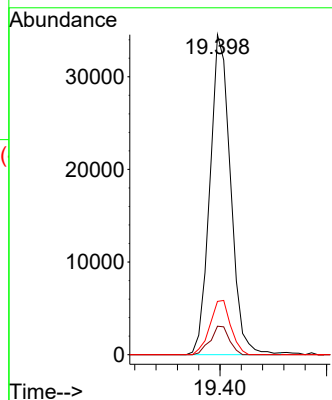
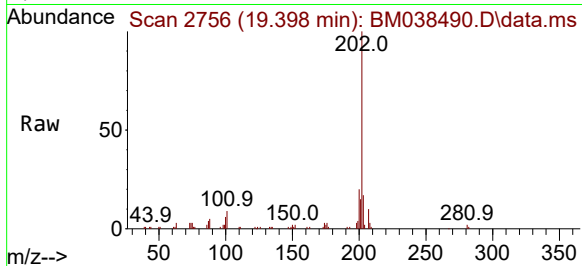




#75
Fluoranthene
Concen: 3.016 ng
RT: 19.398 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

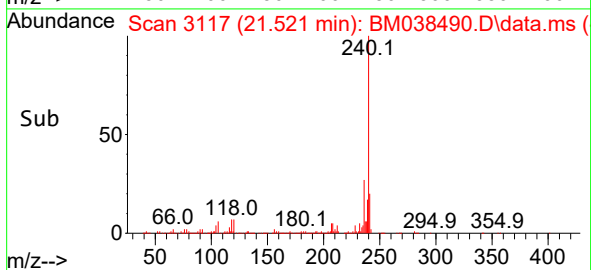
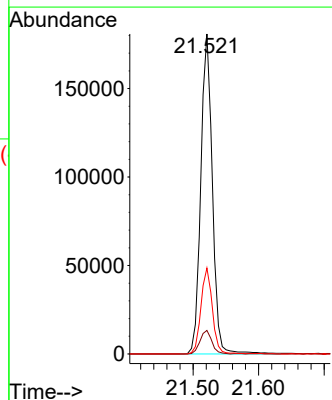
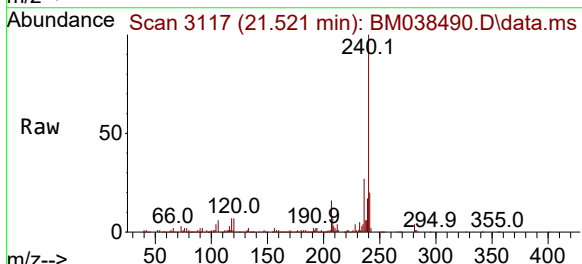
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2022

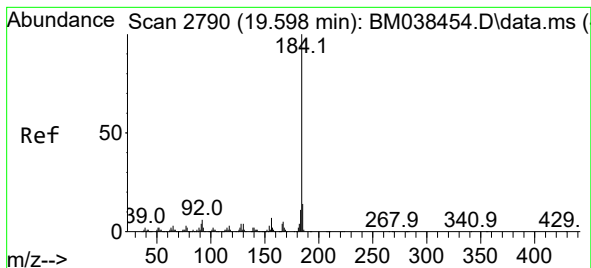
Tgt Ion:202 Resp: 46412
Ion Ratio Lower Upper
202 100
101 8.9 0.0 27.4
203 16.7 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.521 min Scan# 3117
Delta R.T. -0.006 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

Tgt Ion:240 Resp: 222895
Ion Ratio Lower Upper
240 100
120 7.4 5.6 8.4
236 26.8 21.0 31.4





#77

Benzidine

Concen: 3.740 ng

RT: 19.592 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM038490.D

Acq: 19 Jan 2023 15:11

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2022

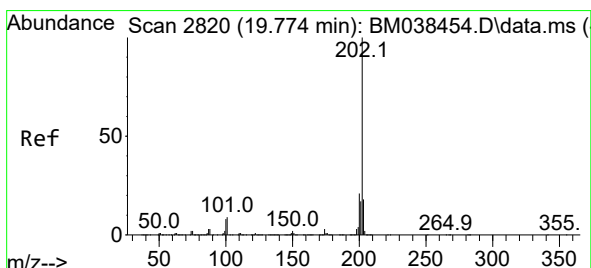
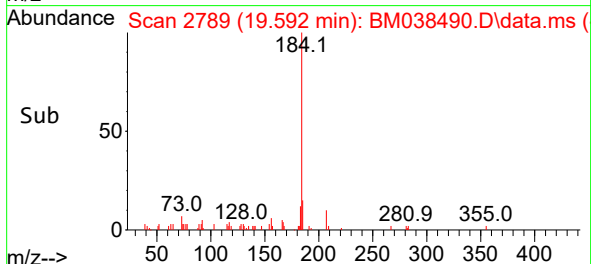
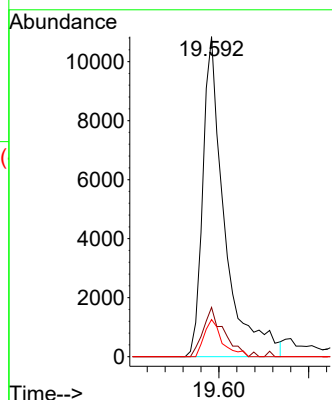
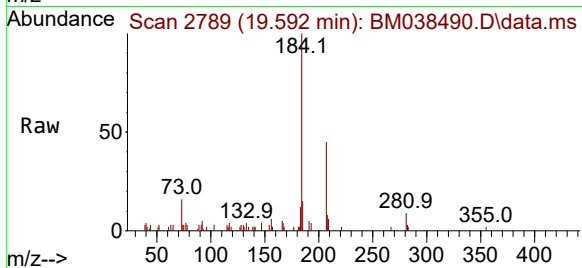
Tgt Ion:184 Resp: 18264

Ion Ratio Lower Upper

184 100

185 15.4 11.1 16.7

183 11.6 8.6 13.0



#78

Pyrene

Concen: 3.343 ng

RT: 19.762 min Scan# 2818

Delta R.T. -0.006 min

Lab File: BM038490.D

Acq: 19 Jan 2023 15:11

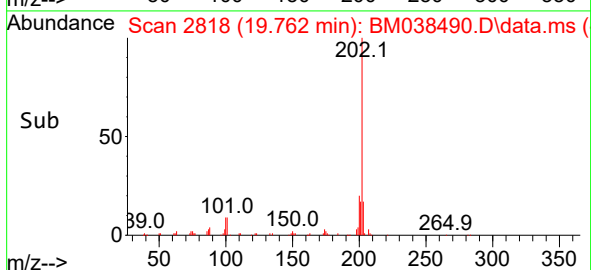
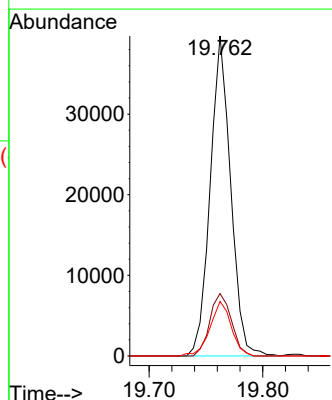
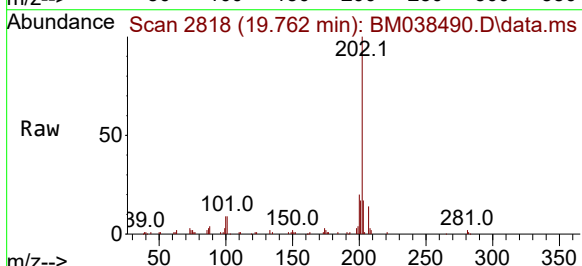
Tgt Ion:202 Resp: 49595

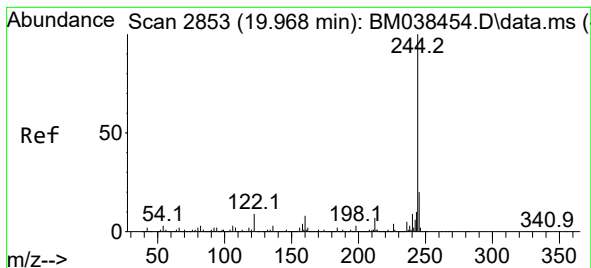
Ion Ratio Lower Upper

202 100

200 19.5 16.9 25.3

203 17.0 14.2 21.2





#79

Terphenyl-d14

Concen: 85.176 ng

RT: 19.962 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM038490.D

Acq: 19 Jan 2023 15:11

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2022

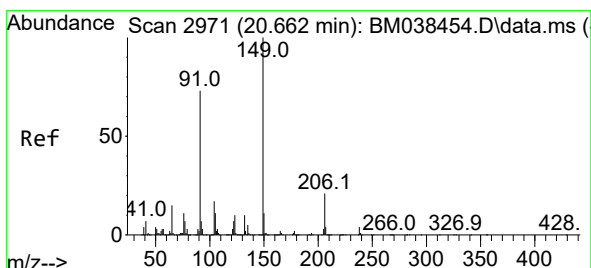
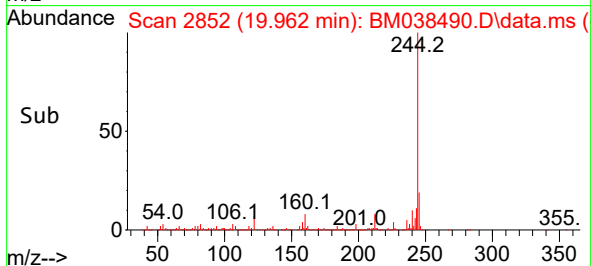
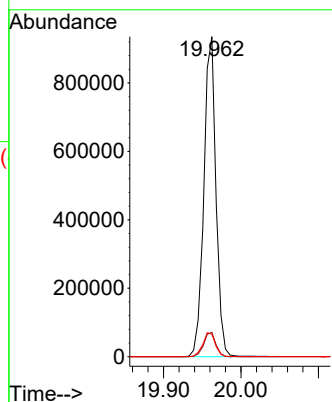
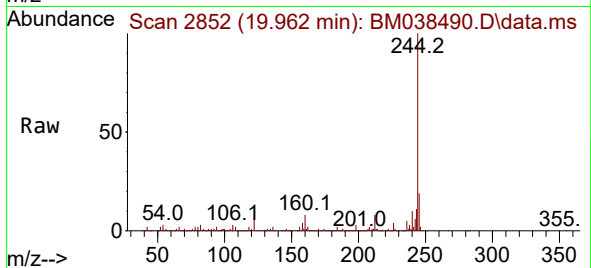
Tgt Ion:244 Resp: 1014155

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

122 7.0 7.1 10.7#



#80

Butylbenzylphthalate

Concen: 3.115 ng

RT: 20.651 min Scan# 2969

Delta R.T. -0.006 min

Lab File: BM038490.D

Acq: 19 Jan 2023 15:11

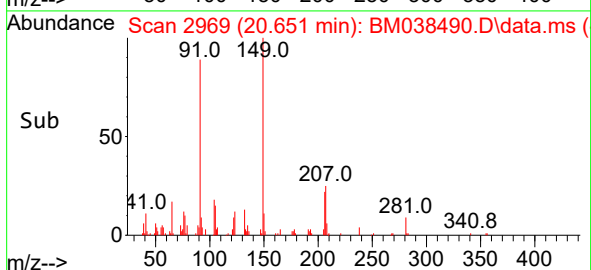
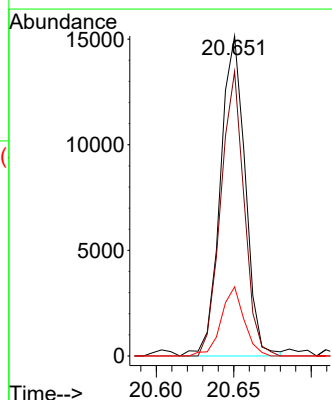
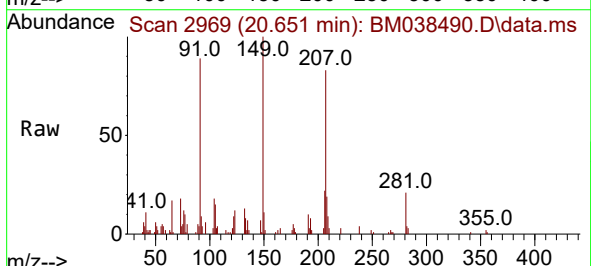
Tgt Ion:149 Resp: 16888

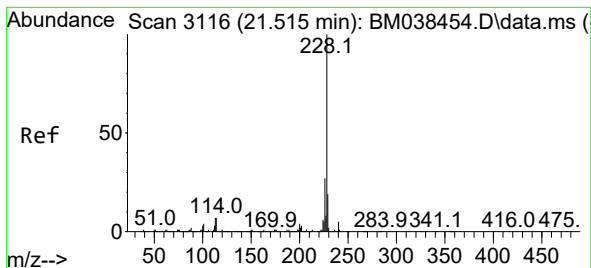
Ion Ratio Lower Upper

149 100

91 88.9 58.3 87.5#

206 21.6 16.7 25.1





#81

Benzo(a)anthracene

Concen: 3.368 ng

RT: 21.503 min Scan# 3116

Delta R.T. -0.006 min

Lab File: BM038490.D

Acq: 19 Jan 2023 15:11

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2022

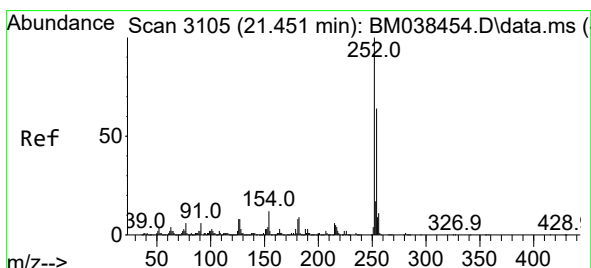
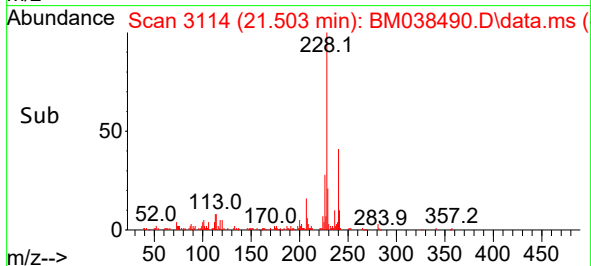
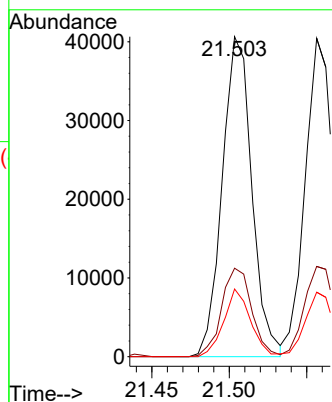
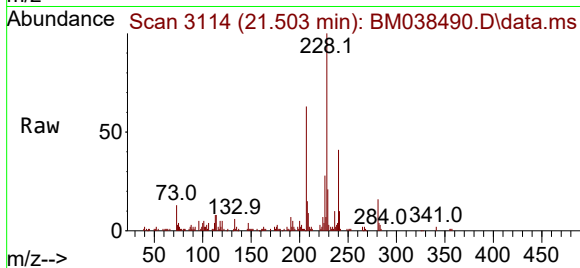
Tgt Ion:228 Resp: 53998

Ion Ratio Lower Upper

228 100

226 27.7 22.0 33.0

229 21.2 15.4 23.0



#82

3,3'-Dichlorobenzidine

Concen: 3.514 ng

RT: 21.439 min Scan# 3103

Delta R.T. -0.006 min

Lab File: BM038490.D

Acq: 19 Jan 2023 15:11

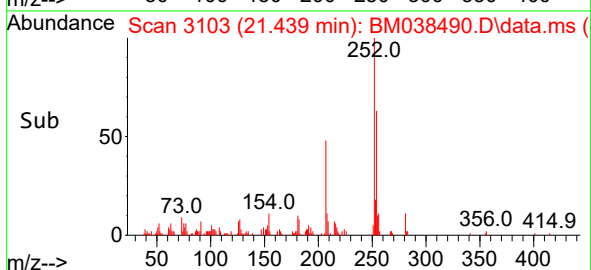
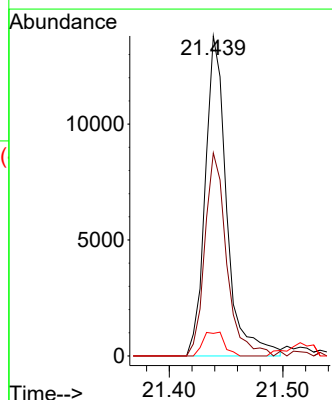
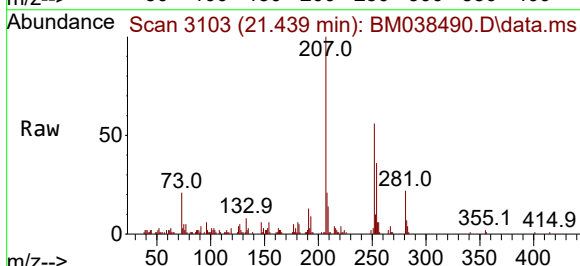
Tgt Ion:252 Resp: 18140

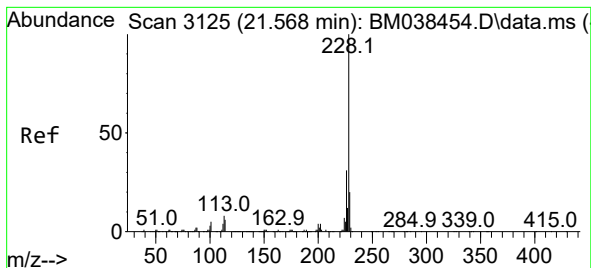
Ion Ratio Lower Upper

252 100

254 63.5 51.2 76.8

126 7.1 6.3 9.5





#83

Chrysene

Concen: 3.389 ng

RT: 21.556 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM038490.D

Acq: 19 Jan 2023 15:11

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2022

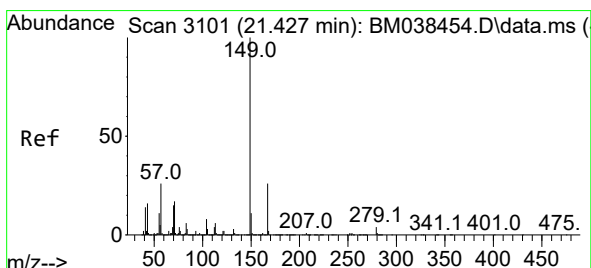
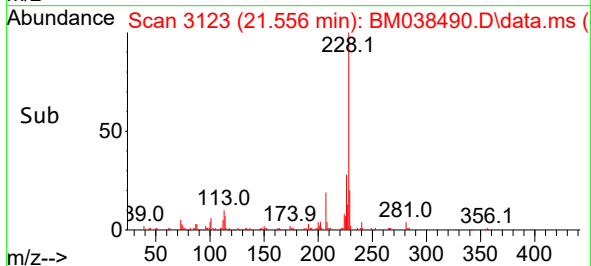
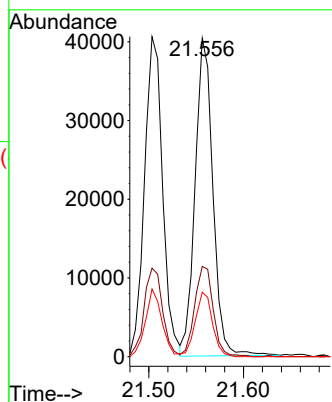
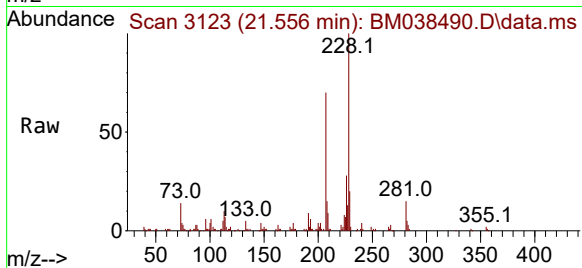
Tgt Ion:228 Resp: 52803

Ion Ratio Lower Upper

228 100

226 28.4 24.6 36.8

229 20.2 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.989 ng

RT: 21.415 min Scan# 3099

Delta R.T. -0.006 min

Lab File: BM038490.D

Acq: 19 Jan 2023 15:11

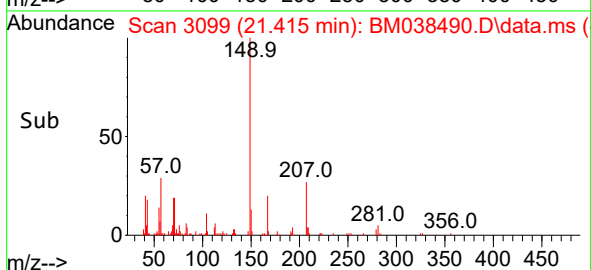
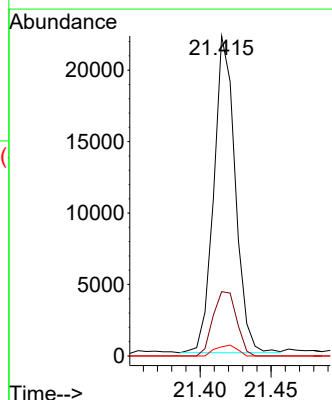
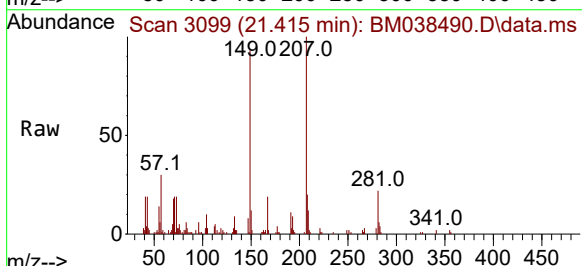
Tgt Ion:149 Resp: 23298

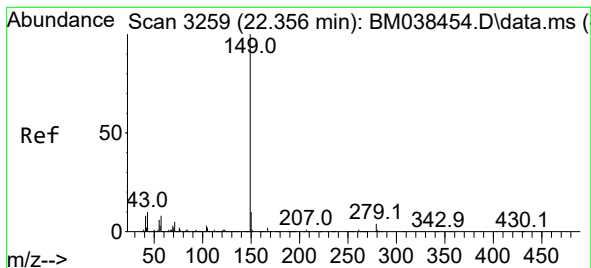
Ion Ratio Lower Upper

149 100

167 20.1 21.0 31.4#

279 2.8 3.4 5.0#





#85

Di-n-octyl phthalate

Concen: 3.061 ng

RT: 22.345 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM038490.D

Acq: 19 Jan 2023 15:11

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2022

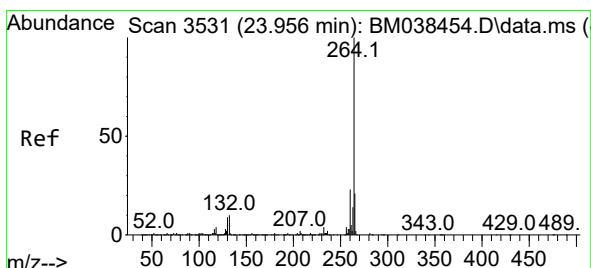
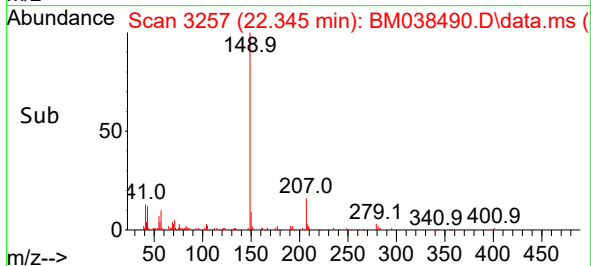
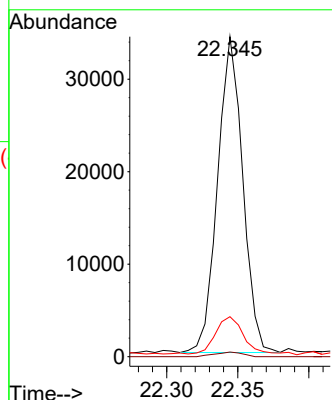
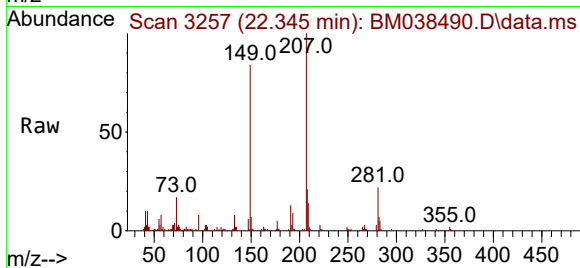
Tgt Ion:149 Resp: 41973

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 14.0 8.4 12.6#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.939 min Scan# 3528

Delta R.T. 0.000 min

Lab File: BM038490.D

Acq: 19 Jan 2023 15:11

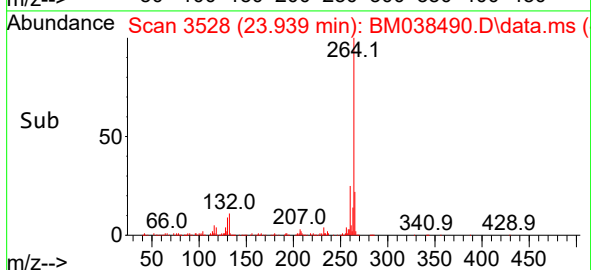
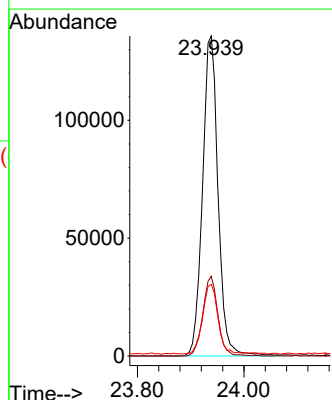
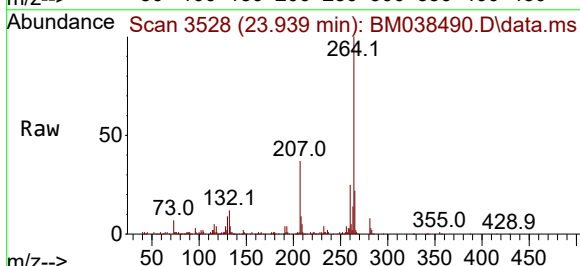
Tgt Ion:264 Resp: 274270

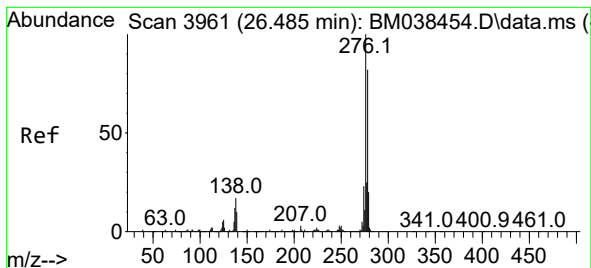
Ion Ratio Lower Upper

264 100

260 24.9 18.2 27.4

265 22.3 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.279 ng

RT: 26.450 min Scan# 3955

Delta R.T. -0.017 min

Lab File: BM038490.D

Acq: 19 Jan 2023 15:11

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2022

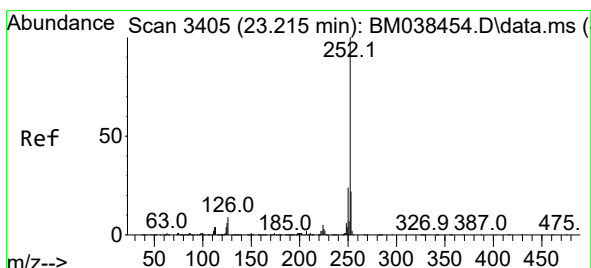
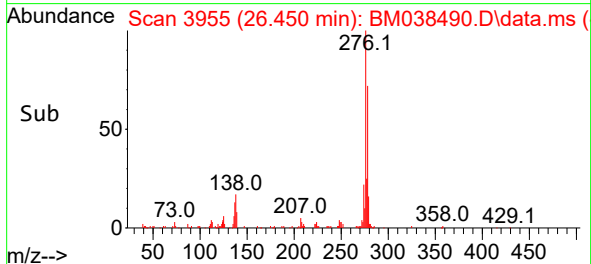
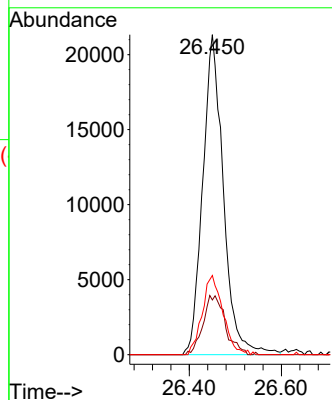
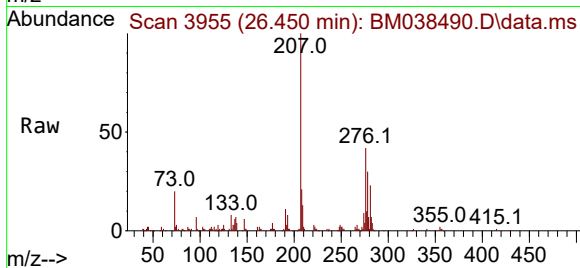
Tgt Ion:276 Resp: 66557

Ion Ratio Lower Upper

276 100

138 20.0 13.4 20.2

277 24.9 19.8 29.8



#88

Benzo(b)fluoranthene

Concen: 3.297 ng

RT: 23.197 min Scan# 3402

Delta R.T. -0.006 min

Lab File: BM038490.D

Acq: 19 Jan 2023 15:11

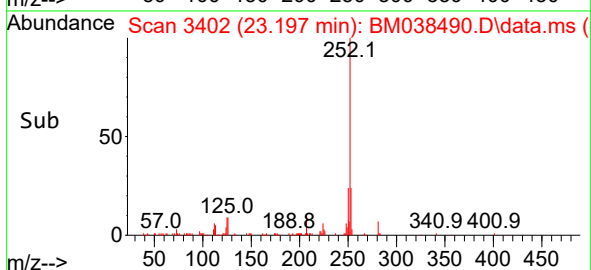
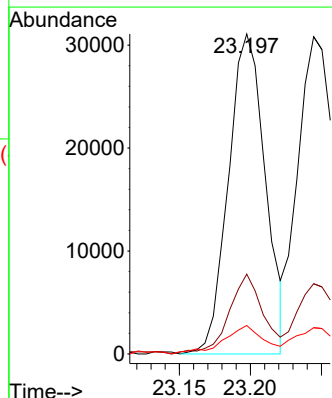
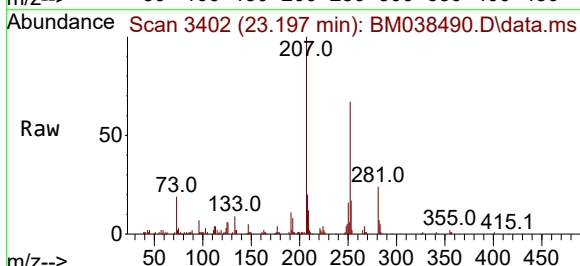
Tgt Ion:252 Resp: 56078

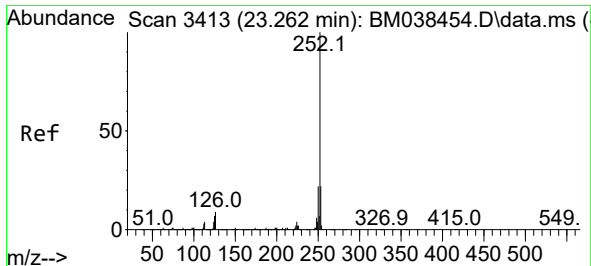
Ion Ratio Lower Upper

252 100

253 25.0 17.8 26.6

125 8.9 5.1 7.7#

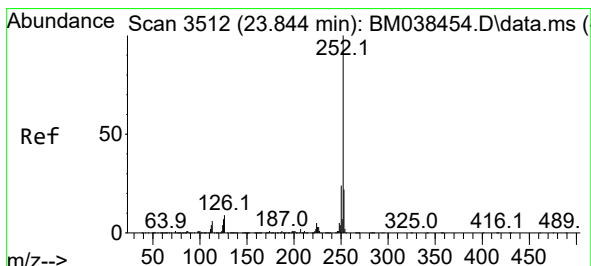
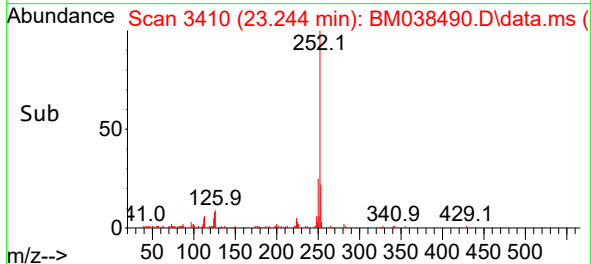
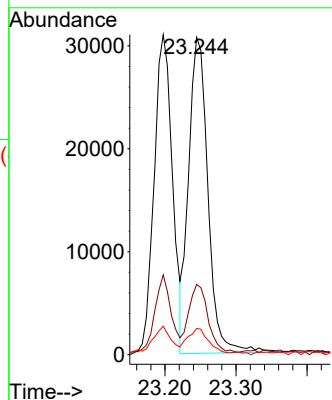
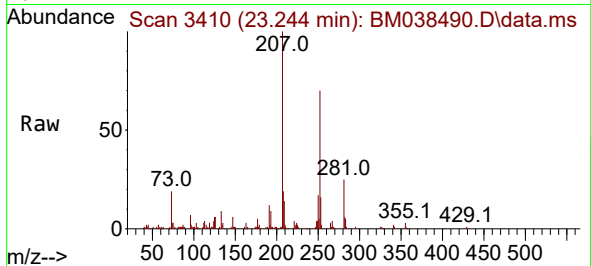




#89
Benzo(k)fluoranthene
Concen: 3.317 ng
RT: 23.244 min Scan# 3413
Delta R.T. -0.012 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

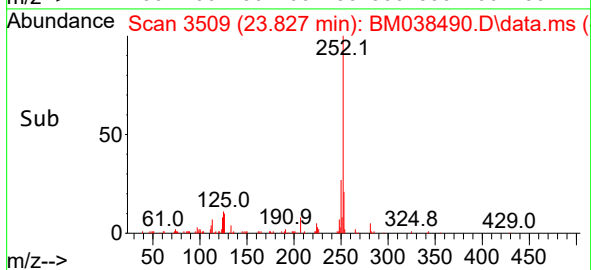
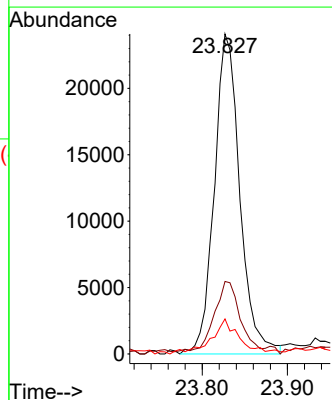
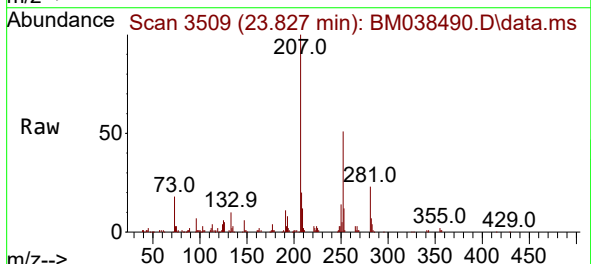
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2022

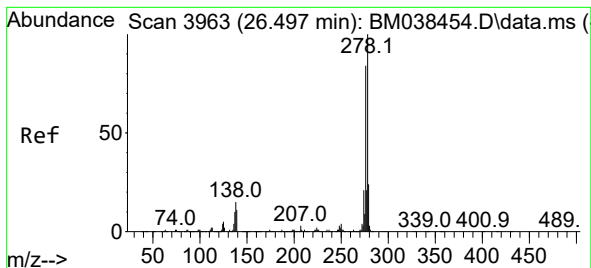
Tgt Ion:252 Resp: 58327
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 8.3 5.5 8.3



#90
Benzo(a)pyrene
Concen: 3.011 ng
RT: 23.827 min Scan# 3509
Delta R.T. -0.012 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

Tgt Ion:252 Resp: 50248
Ion Ratio Lower Upper
252 100
253 22.7 17.6 26.4
125 10.9 5.8 8.8#





#91

Dibenzo(a,h)anthracene

Concen: 3.359 ng

RT: 26.456 min Scan# 3963

Delta R.T. -0.023 min

Lab File: BM038490.D

Acq: 19 Jan 2023 15:11

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2022

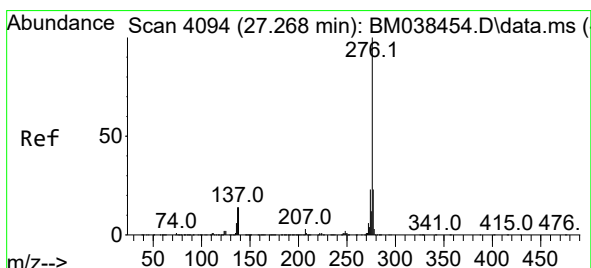
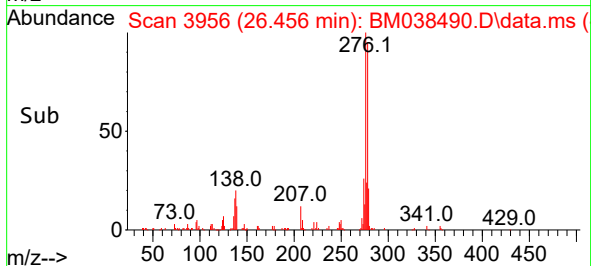
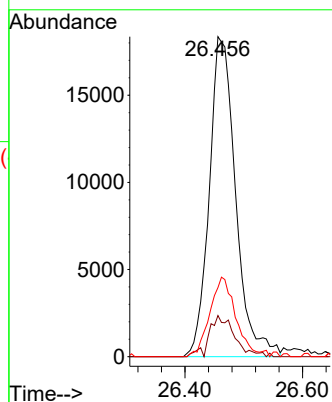
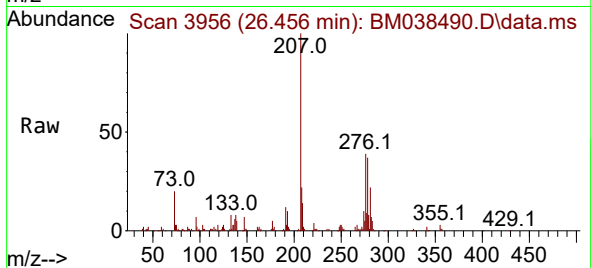
Tgt Ion:278 Resp: 57208

Ion Ratio Lower Upper

278 100

139 12.8 8.4 12.6#

279 21.6 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 3.565 ng

RT: 27.227 min Scan# 4087

Delta R.T. -0.023 min

Lab File: BM038490.D

Acq: 19 Jan 2023 15:11

Tgt Ion:276 Resp: 60247

Ion Ratio Lower Upper

276 100

277 22.5 18.6 27.8

138 17.3 11.3 16.9#

