

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011823\
 Data File : BM038479.D
 Acq On : 18 Jan 2023 14:27
 Operator : CG/JU
 Sample : N3980-08
 Misc : LOQ-WATER-10ppm
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT3-2022

Quant Time: Jan 19 06:13:18 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	7.975	152	55311	20.000	ng	0.00
21) Naphthalene-d8	10.786	136	193126	20.000	ng	0.00
39) Acenaphthene-d10	14.610	164	118282	20.000	ng	0.00
64) Phenanthrene-d10	17.351	188	267455	20.000	ng	0.00
76) Chrysene-d12	21.527	240	273363	20.000	ng	0.00
86) Perylene-d12	23.944	264	313634	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	389399	107.391	ng	0.00
7) Phenol-d6	7.140	99	493193	106.181	ng	0.00
23) Nitrobenzene-d5	9.151	82	362887	76.561	ng	0.00
42) 2,4,6-Tribromophenol	16.098	330	208741	104.394	ng	0.00
45) 2-Fluorobiphenyl	13.239	172	693852	73.156	ng	0.00
79) Terphenyl-d14	19.962	244	1182044	80.948	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.381	88	15927	9.612	ng	99
3) Pyridine	3.804	79	32846	6.852	ng	96
4) n-Nitrosodimethylamine	3.710	42	25085	8.845	ng	# 88
6) Aniline	7.304	93	49713	8.474	ng	95
8) 2-Chlorophenol	7.534	128	31832	8.867	ng	94
9) Benzaldehyde	7.116	77	36449	11.735	ng	92
10) Phenol	7.163	94	43221	8.929	ng	96
11) bis(2-Chloroethyl)ether	7.398	93	34760	8.862	ng	99
12) 1,3-Dichlorobenzene	7.863	146	35104	9.128	ng	97
13) 1,4-Dichlorobenzene	8.010	146	35712	9.230	ng	97
14) 1,2-Dichlorobenzene	8.328	146	34959	9.241	ng	93
15) Benzyl Alcohol	8.222	79	32398	8.709	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.510	45	53070	9.704	ng	97
17) 2-Methylphenol	8.422	107	26706	8.169	ng	94
18) Hexachloroethane	9.057	117	15311	9.661	ng	92
19) n-Nitroso-di-n-propyla...	8.786	70	30032	8.907	ng	98
20) 3+4-Methylphenols	8.751	107	35220	8.024	ng	97
22) Acetophenone	8.810	105	54419	9.533	ng	# 94
24) Nitrobenzene	9.192	77	48018	9.588	ng	95
25) Isophorone	9.716	82	74642	8.890	ng	100
26) 2-Nitrophenol	9.904	139	14571	8.287	ng	88
27) 2,4-Dimethylphenol	9.963	122	24290	8.113	ng	92
28) bis(2-Chloroethoxy)met...	10.198	93	42451	8.991	ng	94
29) 2,4-Dichlorophenol	10.433	162	27835	8.416	ng	95
30) 1,2,4-Trichlorobenzene	10.645	180	33383	8.728	ng	100
31) Naphthalene	10.839	128	89697	8.764	ng	99
32) Benzoic acid	10.045	122	12734	9.678	ng	92
33) 4-Chloroaniline	10.957	127	35736	7.955	ng	92
34) Hexachlorobutadiene	11.110	225	23554	8.782	ng	94
35) Caprolactam	11.733	113	9488	10.149	ng	# 79
36) 4-Chloro-3-methylphenol	12.074	107	29580	8.202	ng	94
37) 2-Methylnaphthalene	12.439	142	60521	8.087	ng	95
38) 1-Methylnaphthalene	12.663	142	56267	8.009	ng	92
40) 1,2,4,5-Tetrachloroben...	12.810	216	39248	8.866	ng	99
41) Hexachlorocyclopentadiene	12.780	237	22006	8.742	ng	99
43) 2,4,6-Trichlorophenol	13.051	196	23754	8.488	ng	97

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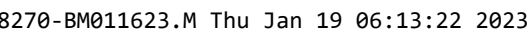
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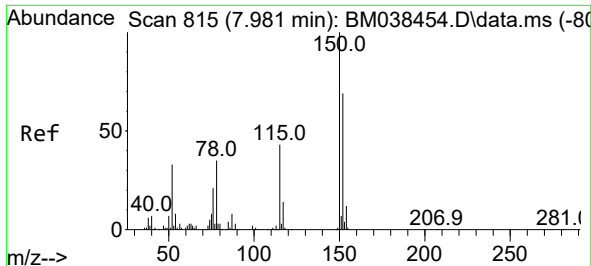
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.127	196	25271	7.659	ng	94
46) 1,1'-Biphenyl	13.445	154	82173	8.955	ng	99
47) 2-Chloronaphthalene	13.492	162	64816	8.974	ng	99
48) 2-Nitroaniline	13.704	65	20845	9.248	ng	97
49) Acenaphthylene	14.333	152	95770	8.410	ng	99
50) Dimethylphthalate	14.068	163	79736	8.318	ng	99
51) 2,6-Dinitrotoluene	14.192	165	15114	7.750	ng	# 85
52) Acenaphthene	14.674	154	58398	8.439	ng	95
53) 3-Nitroaniline	14.527	138	13973	8.799	ng	97
54) 2,4-Dinitrophenol	14.739	184	8456	10.458	ng	92
55) Dibenzofuran	15.004	168	99654	8.458	ng	97
56) 4-Nitrophenol	14.833	139	10899	9.735	ng	# 80
57) 2,4-Dinitrotoluene	14.980	165	20136	7.428	ng	92
58) Fluorene	15.657	166	78001	7.924	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.233	232	21994	7.518	ng	96
60) Diethylphthalate	15.421	149	79383	8.073	ng	99
61) 4-Chlorophenyl-phenyle...	15.645	204	43238	8.002	ng	97
62) 4-Nitroaniline	15.686	138	14128	8.751	ng	95
63) Azobenzene	15.939	77	96356	8.905	ng	98
65) 4,6-Dinitro-2-methylph...	15.739	198	16029	8.832	ng	89
66) n-Nitrosodiphenylamine	15.862	169	66748	8.505	ng	98
67) 4-Bromophenyl-phenylether	16.539	248	25105	8.115	ng	95
68) Hexachlorobenzene	16.657	284	29743	8.586	ng	97
69) Atrazine	16.809	200	24869	8.961	ng	98
70) Pentachlorophenol	17.004	266	25042	9.902	ng	100
71) Phenanthrene	17.392	178	122758	8.296	ng	99
72) Anthracene	17.486	178	123512	8.122	ng	98
73) Carbazole	17.756	167	106145	7.982	ng	98
74) Di-n-butylphthalate	18.309	149	125156	7.924	ng	98
75) Fluoranthene	19.403	202	151271	8.132	ng	99
77) Benzidine	19.592	184	65868	10.997	ng	96
78) Pyrene	19.768	202	156283	8.591	ng	99
80) Butylbenzylphthalate	20.650	149	55479	8.343	ng	87
81) Benzo(a)anthracene	21.509	228	165909	8.439	ng	98
82) 3,3'-Dichlorobenzidine	21.444	252	59849	9.454	ng	97
83) Chrysene	21.562	228	161476	8.452	ng	99
84) Bis(2-ethylhexyl)phtha...	21.421	149	79260	8.291	ng	96
85) Di-n-octyl phthalate	22.350	149	136799	8.133	ng	# 95
87) Indeno(1,2,3-cd)pyrene	26.462	276	180326	7.769	ng	97
88) Benzo(b)fluoranthene	23.250	252	165902	8.531	ng	100
89) Benzo(k)fluoranthene	23.250	252	165902	8.249	ng	99
90) Benzo(a)pyrene	23.833	252	146862	7.695	ng	98
91) Dibenzo(a,h)anthracene	26.474	278	158017	8.113	ng	98
92) Benzo(g,h,i)perylene	27.238	276	160563	8.309	ng	97

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

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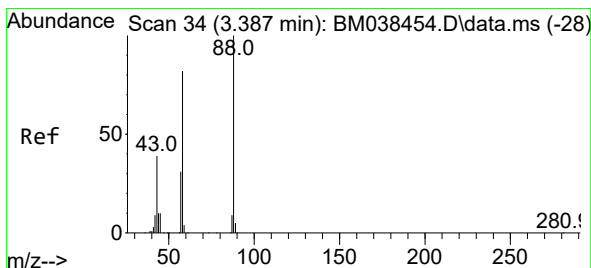
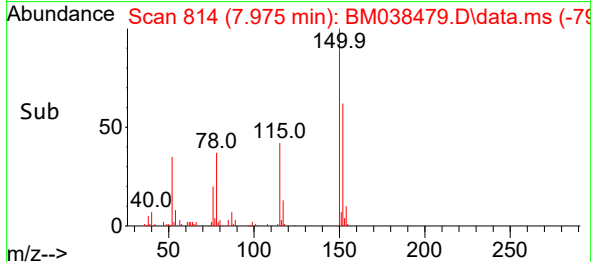
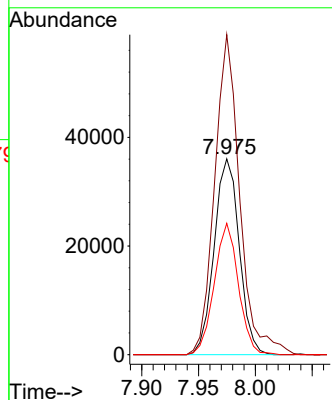
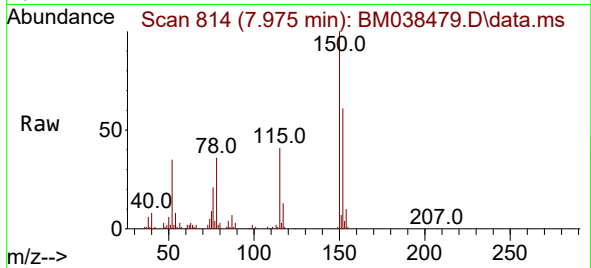




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.975 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

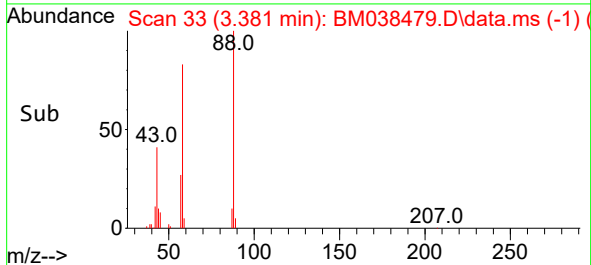
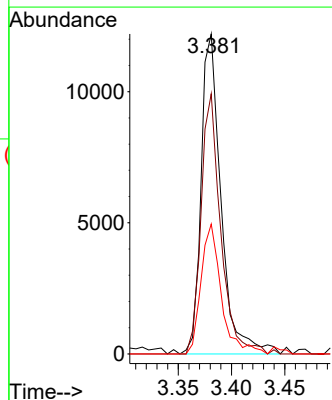
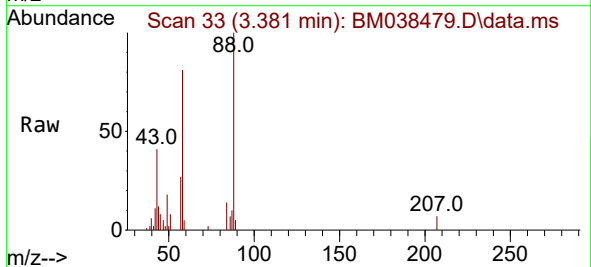
Instrument :
BNA_M
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LOQ-WATER-02-QT3-2022

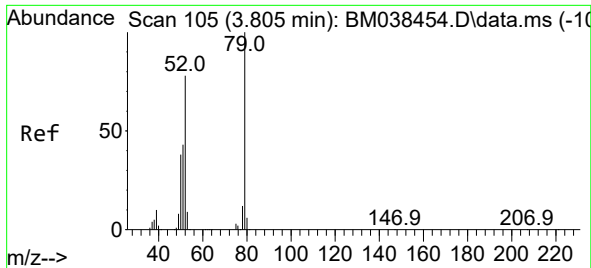
Tgt Ion:152 Resp: 55311
Ion Ratio Lower Upper
152 100
150 163.3 116.0 174.0
115 67.1 49.4 74.2



#2
1,4-Dioxane
Concen: 9.612 ng
RT: 3.381 min Scan# 33
Delta R.T. 0.000 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

Tgt Ion: 88 Resp: 15927
Ion Ratio Lower Upper
88 100
58 80.5 64.3 96.5
43 41.3 32.3 48.5

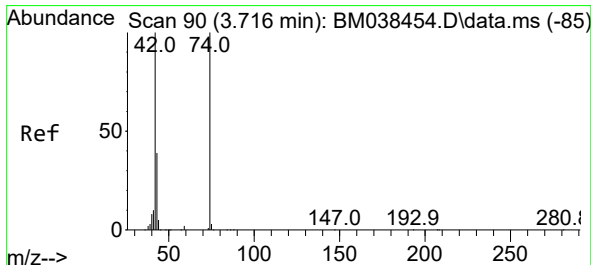
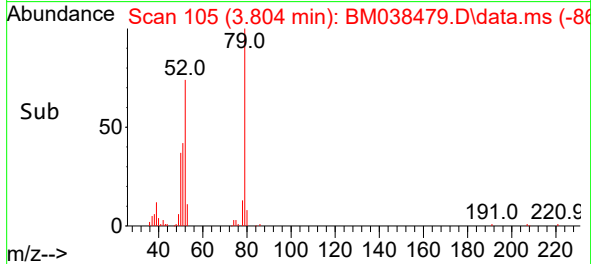
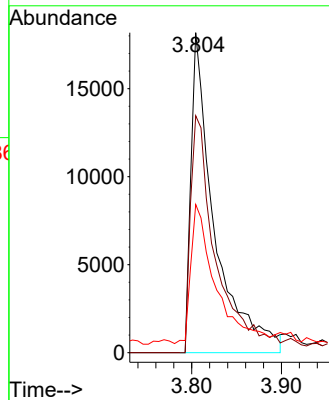
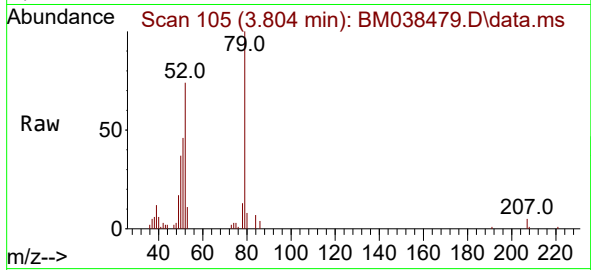




#3
Pyridine
Concen: 6.852 ng
RT: 3.804 min Scan# 105
Delta R.T. 0.012 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

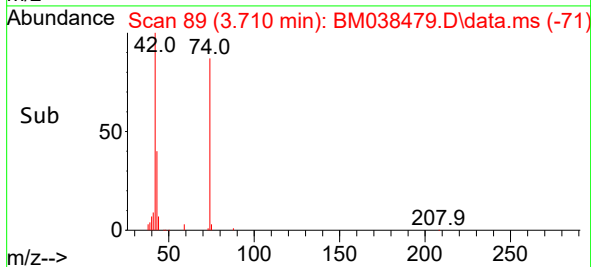
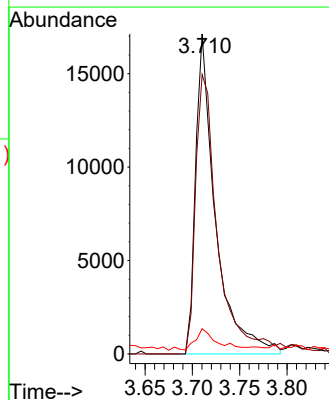
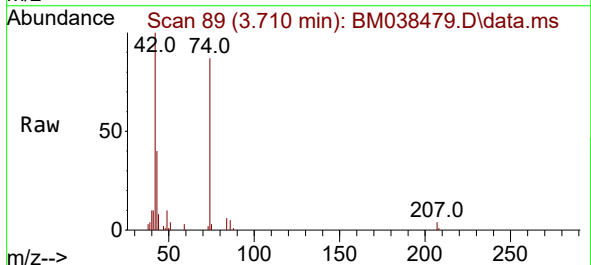
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022

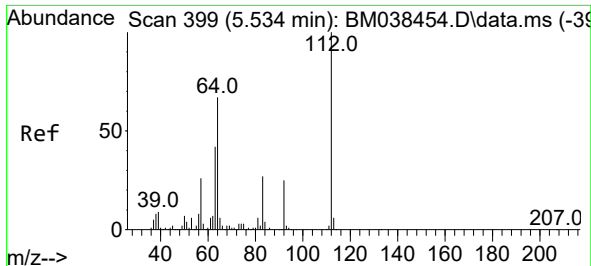
Tgt Ion: 79 Resp: 32846
Ion Ratio Lower Upper
79 100
52 74.1 62.2 93.2
51 46.3 34.8 52.2



#4
n-Nitrosodimethylamine
Concen: 8.845 ng
RT: 3.710 min Scan# 89
Delta R.T. 0.006 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

Tgt Ion: 42 Resp: 25085
Ion Ratio Lower Upper
42 100
74 87.3 79.7 119.5
44 7.9 4.7 7.1

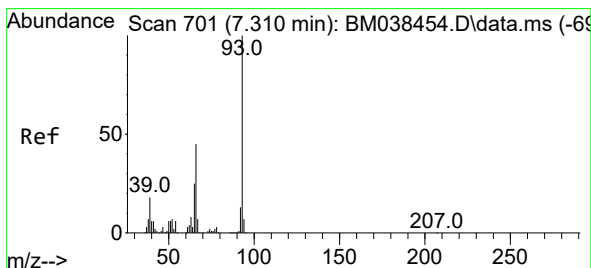
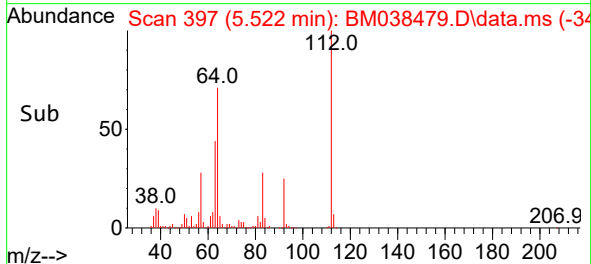
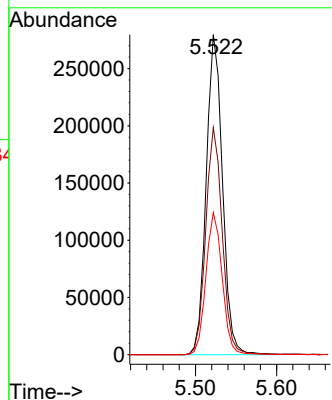
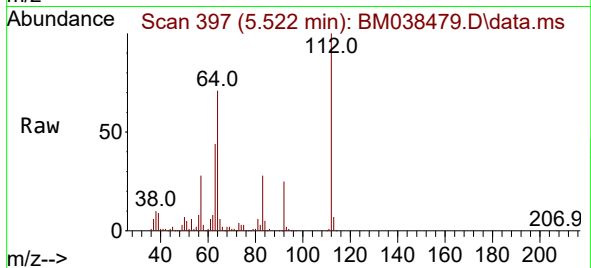




#5
2-Fluorophenol
Concen: 107.391 ng
RT: 5.522 min Scan# 399
Delta R.T. 0.000 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

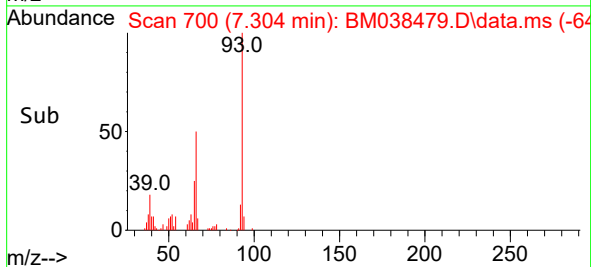
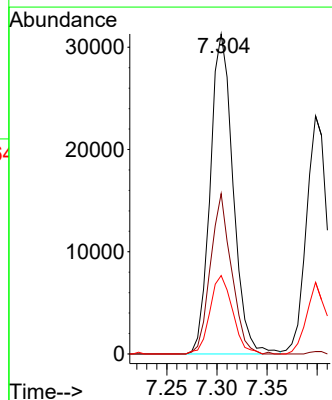
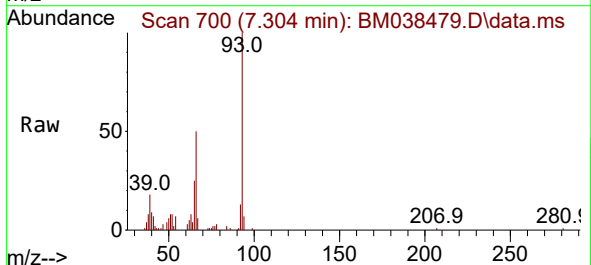
Instrument :
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ClientSampleId :
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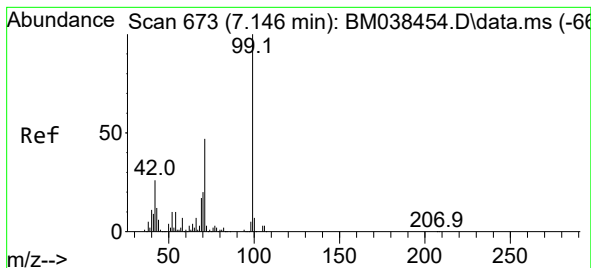
Tgt Ion:112 Resp: 389399
Ion Ratio Lower Upper
112 100
64 70.9 53.7 80.5
63 44.4 33.7 50.5



#6
Aniline
Concen: 8.474 ng
RT: 7.304 min Scan# 700
Delta R.T. 0.000 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

Tgt Ion: 93 Resp: 49713
Ion Ratio Lower Upper
93 100
66 50.1 36.2 54.2
65 24.5 19.8 29.8

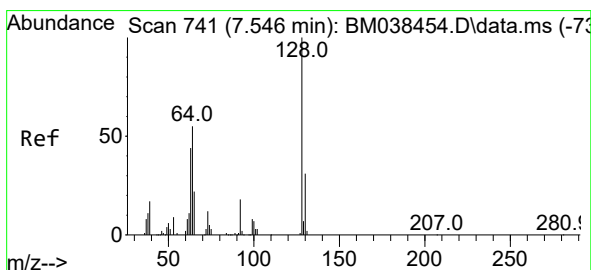
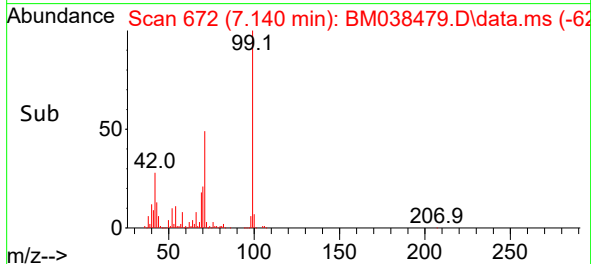
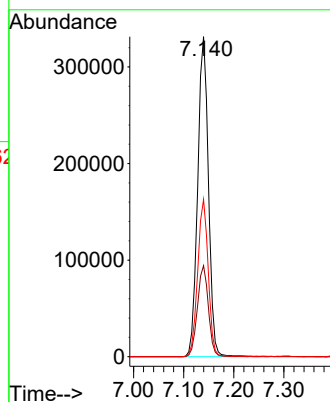
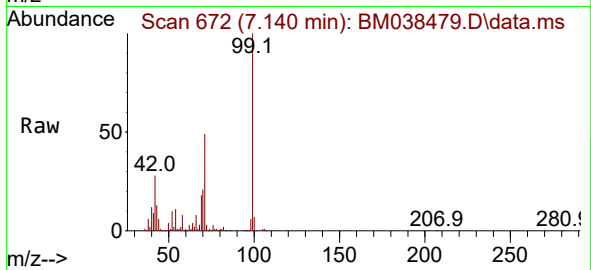




#7
Phenol-d6
Concen: 106.181 ng
RT: 7.140 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

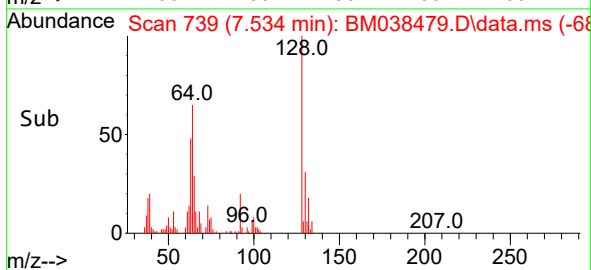
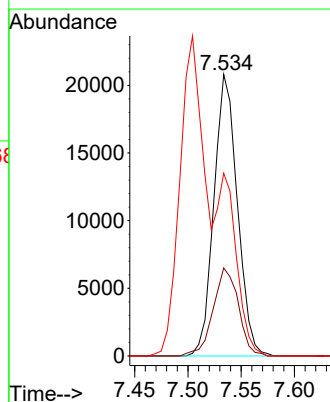
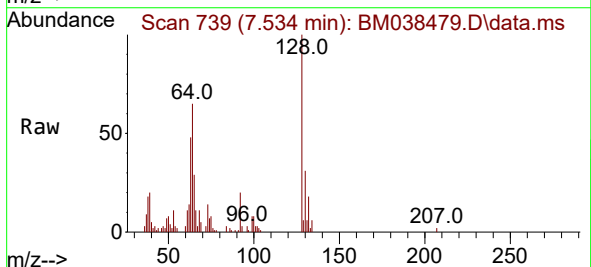
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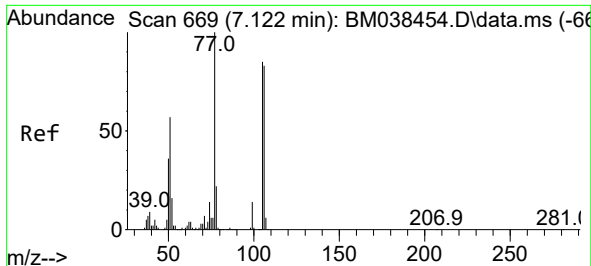
Tgt Ion: 99 Resp: 493193
Ion Ratio Lower Upper
99 100
42 28.5 20.8 31.2
71 49.2 37.8 56.8



#8
2-Chlorophenol
Concen: 8.867 ng
RT: 7.534 min Scan# 739
Delta R.T. 0.000 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

Tgt Ion: 128 Resp: 31832
Ion Ratio Lower Upper
128 100
130 31.2 11.5 51.5
64 64.9 38.0 78.0

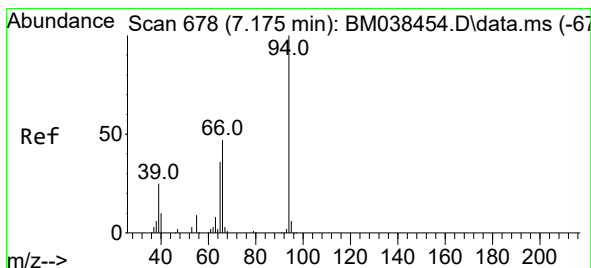
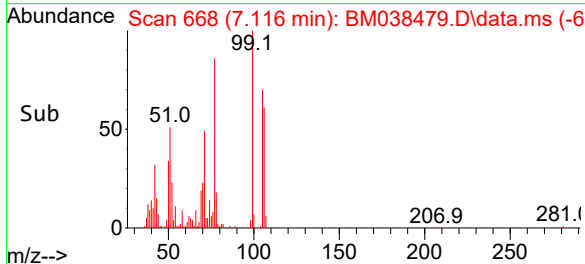
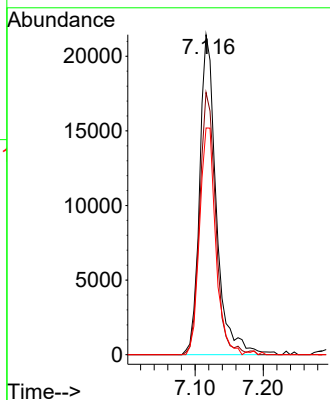
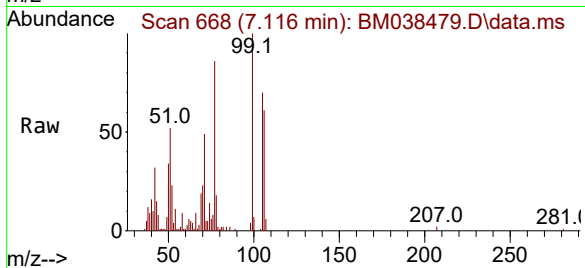




#9
Benzaldehyde
Concen: 11.735 ng
RT: 7.116 min Scan# 669
Delta R.T. 0.000 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

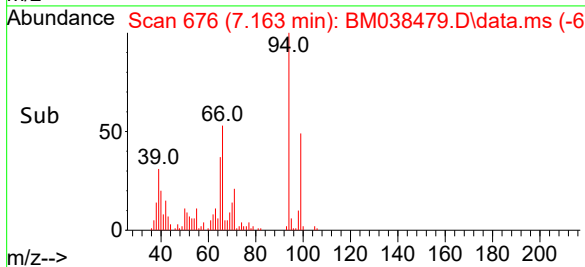
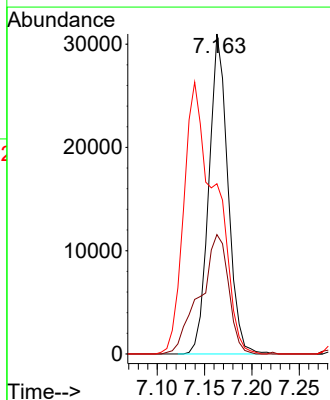
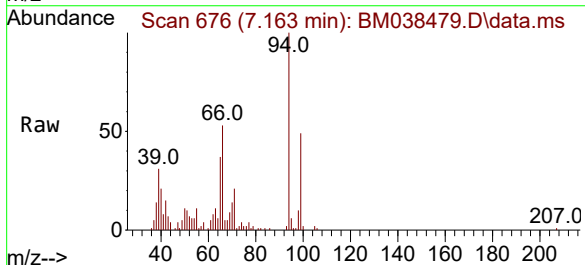
Instrument :
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ClientSampleId :
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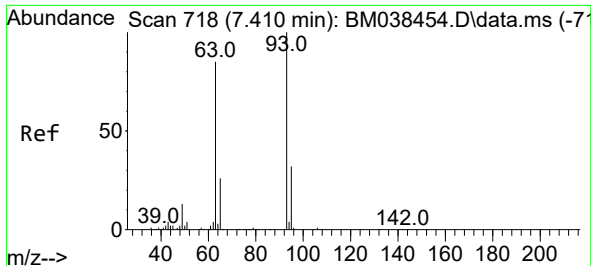
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Ion Ratio Lower Upper
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105 81.9 65.3 105.3
106 70.8 62.5 102.5



#10
Phenol
Concen: 8.929 ng
RT: 7.163 min Scan# 676
Delta R.T. 0.000 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

Tgt Ion: 94 Resp: 43221
Ion Ratio Lower Upper
94 100
65 37.3 16.3 56.3
66 53.2 29.2 69.2

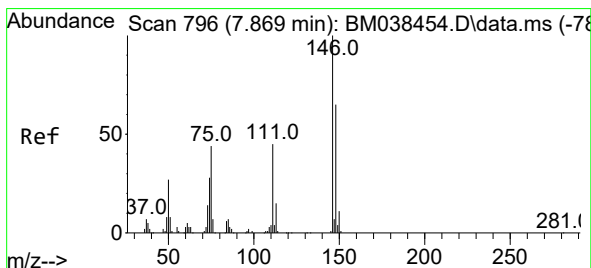
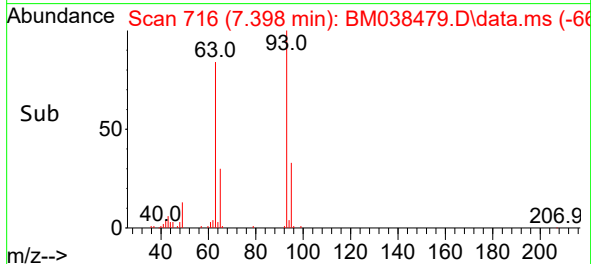
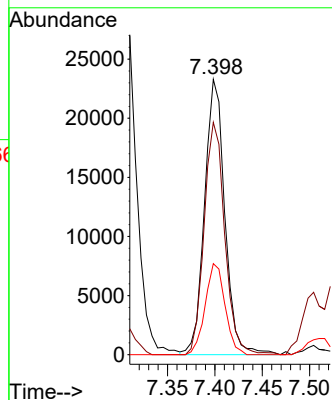
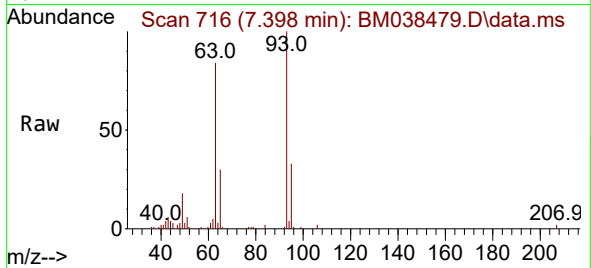




#11
bis(2-Chloroethyl)ether
Concen: 8.862 ng
RT: 7.398 min Scan# 718
Delta R.T. 0.000 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

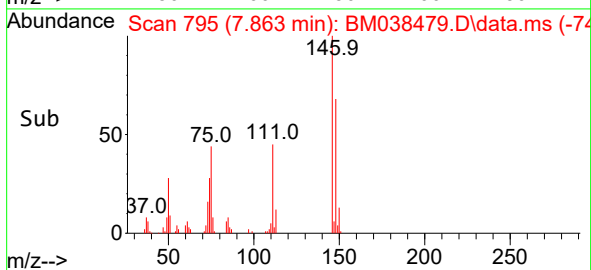
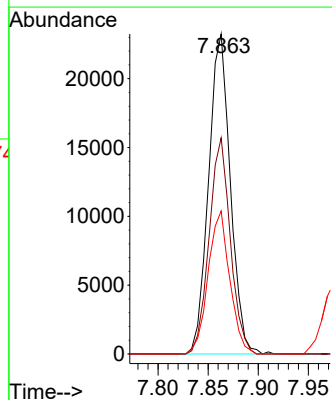
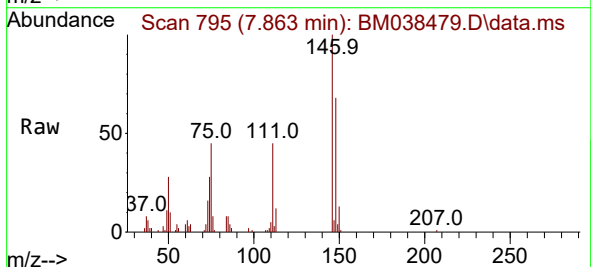
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022

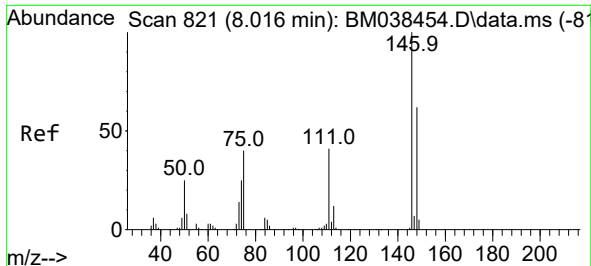
Tgt Ion: 93 Resp: 34760
Ion Ratio Lower Upper
93 100
63 84.3 64.6 104.6
95 33.1 12.0 52.0



#12
1,3-Dichlorobenzene
Concen: 9.128 ng
RT: 7.863 min Scan# 795
Delta R.T. 0.000 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

Tgt Ion:146 Resp: 35104
Ion Ratio Lower Upper
146 100
148 67.6 51.8 77.8
75 44.7 35.1 52.7

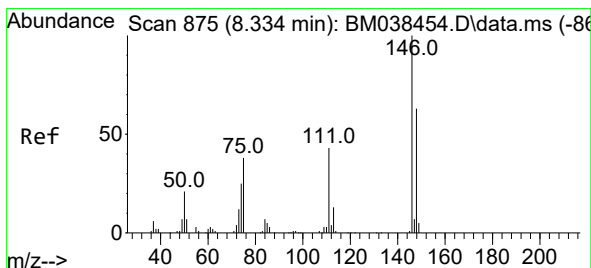
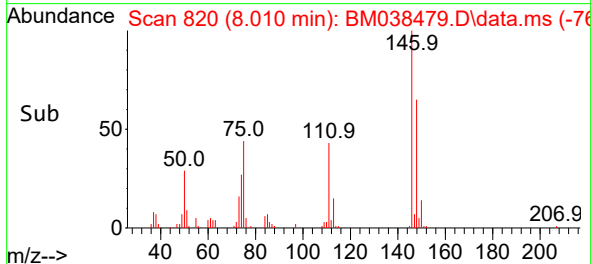
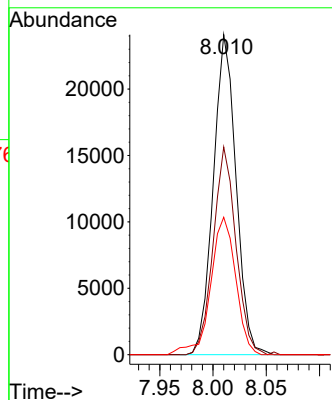
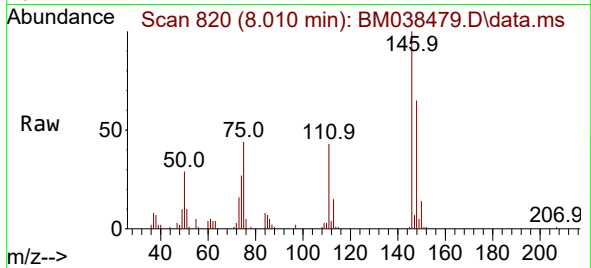




#13
1,4-Dichlorobenzene
Concen: 9.230 ng
RT: 8.010 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

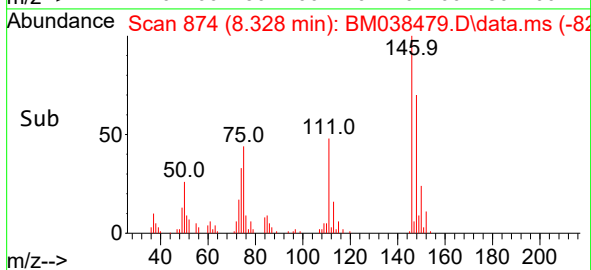
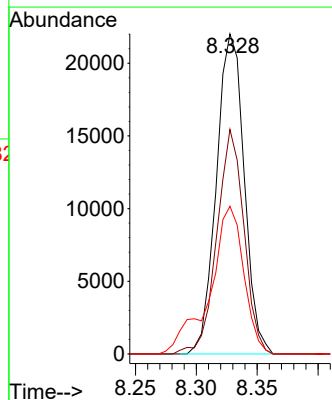
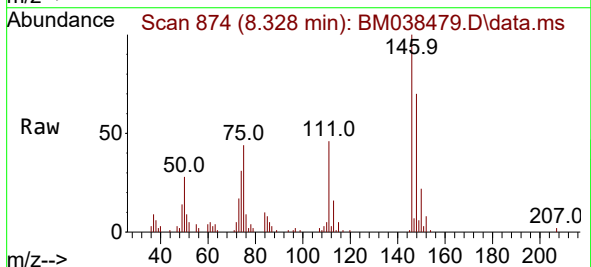
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022

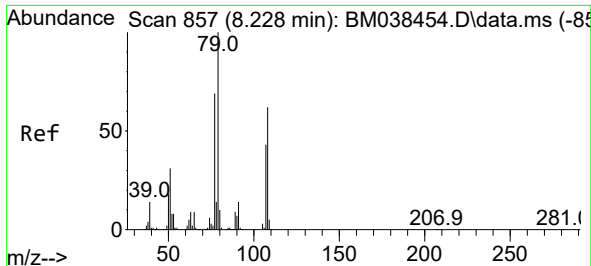
Tgt Ion:146 Resp: 35712
Ion Ratio Lower Upper
146 100
148 64.9 50.1 75.1
111 42.9 32.8 49.2



#14
1,2-Dichlorobenzene
Concen: 9.241 ng
RT: 8.328 min Scan# 874
Delta R.T. 0.000 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

Tgt Ion:146 Resp: 34959
Ion Ratio Lower Upper
146 100
148 70.2 50.7 76.1
111 46.2 35.2 52.8

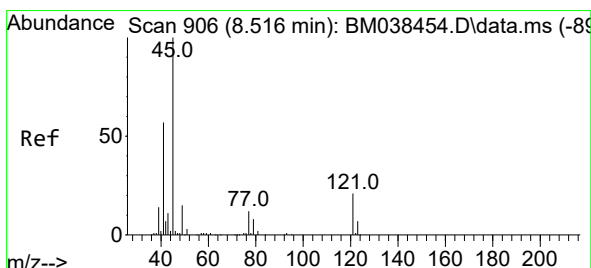
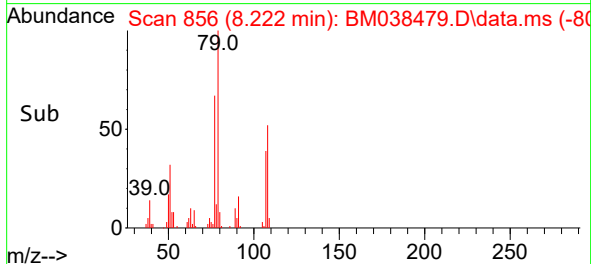
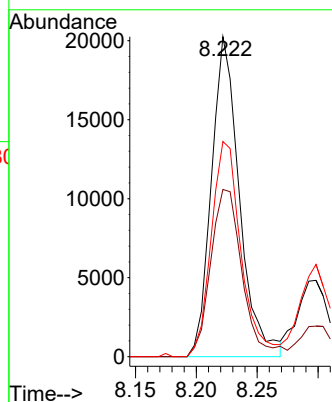
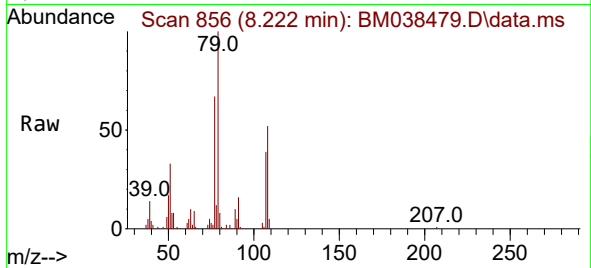




#15
Benzyl Alcohol
Concen: 8.709 ng
RT: 8.222 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

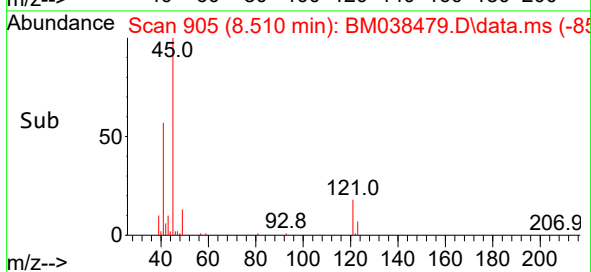
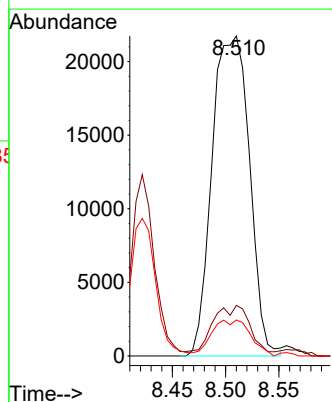
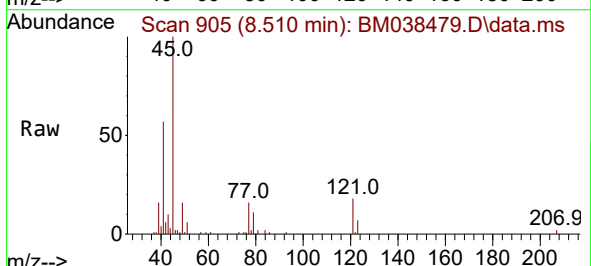
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022

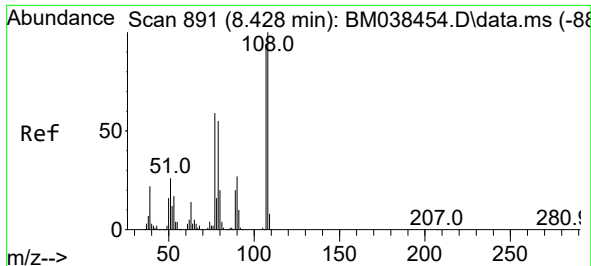
Tgt Ion: 79 Resp: 32398
Ion Ratio Lower Upper
79 100
108 52.3 49.3 73.9
77 67.3 55.1 82.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.704 ng
RT: 8.510 min Scan# 905
Delta R.T. 0.000 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

Tgt Ion: 45 Resp: 53070
Ion Ratio Lower Upper
45 100
77 15.8 0.0 34.7
79 11.3 0.0 30.4

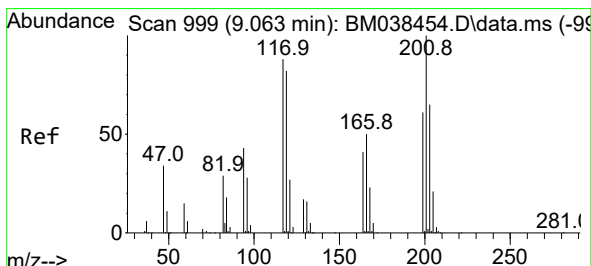
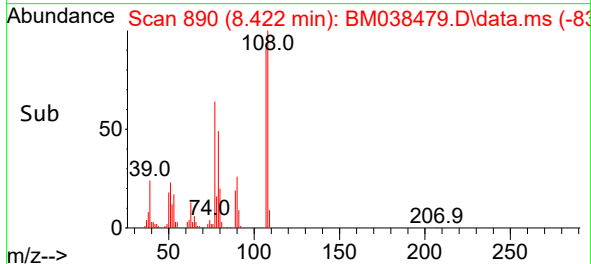
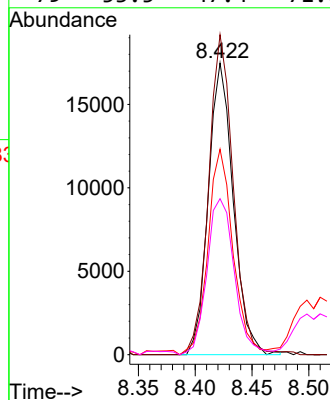
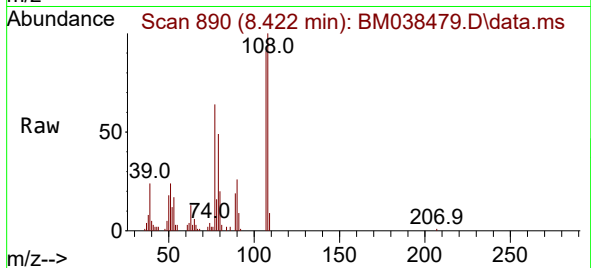




#17
2-Methylphenol
Concen: 8.169 ng
RT: 8.422 min Scan# 891
Delta R.T. 0.000 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

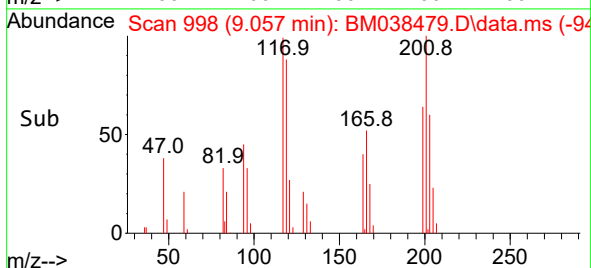
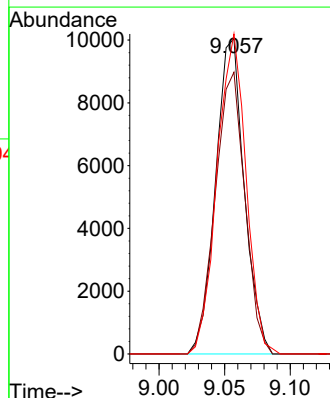
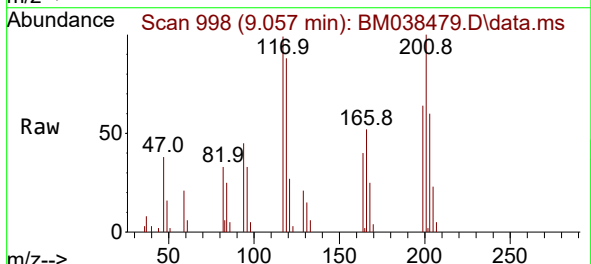
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022

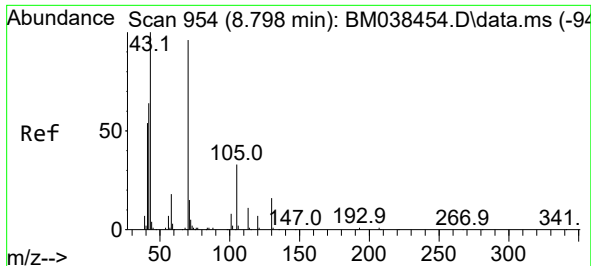
Tgt Ion:	107	Resp:	26706
Ion	Ratio	Lower	Upper
107	100		
108	109.7	85.7	128.5
77	70.4	50.5	75.7
79	53.5	47.4	71.0



#18
Hexachloroethane
Concen: 9.661 ng
RT: 9.057 min Scan# 998
Delta R.T. 0.000 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

Tgt Ion:	117	Resp:	15311
Ion	Ratio	Lower	Upper
117	100		
119	89.3	74.5	111.7
201	101.5	91.3	136.9

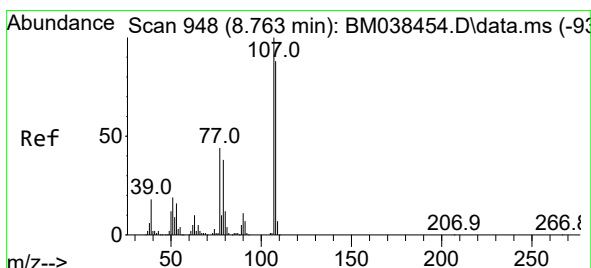
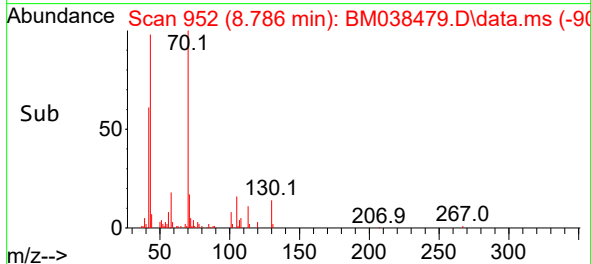
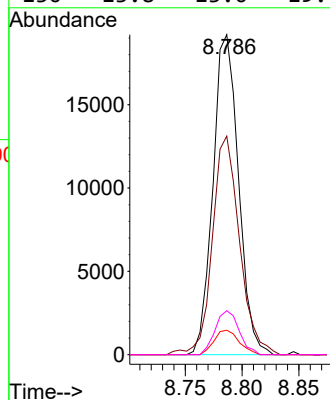
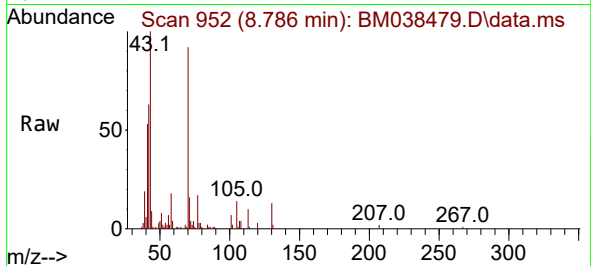




#19
n-Nitroso-di-n-propylamine
Concen: 8.907 ng
RT: 8.786 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

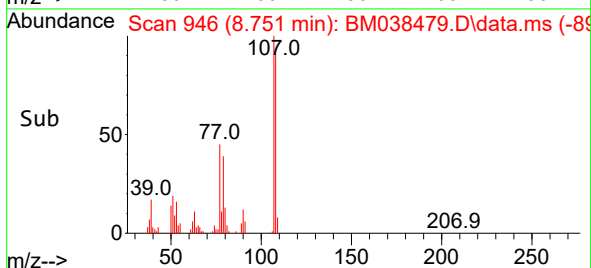
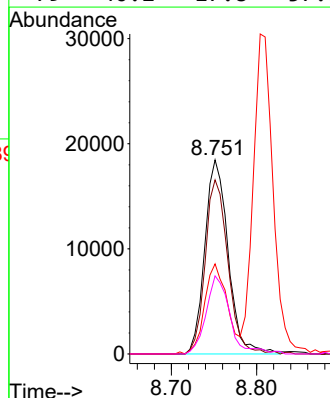
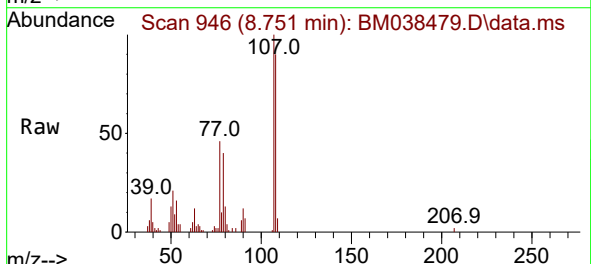
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022

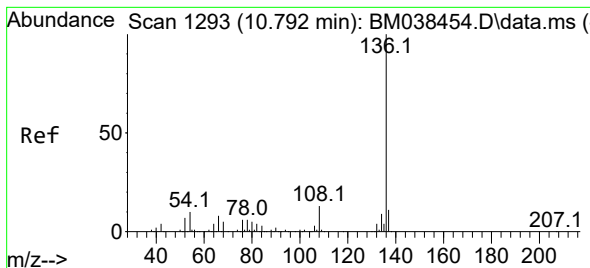
Tgt Ion: 70 Resp: 30032
Ion Ratio Lower Upper
70 100
42 68.3 54.2 81.2
101 7.7 6.6 10.0
130 13.8 13.0 19.4



#20
3+4-Methylphenols
Concen: 8.024 ng
RT: 8.751 min Scan# 946
Delta R.T. 0.000 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

Tgt Ion: 107 Resp: 35220
Ion Ratio Lower Upper
107 100
108 89.6 67.6 107.6
77 46.4 24.1 64.1
79 40.2 17.8 57.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.786 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM038479.D

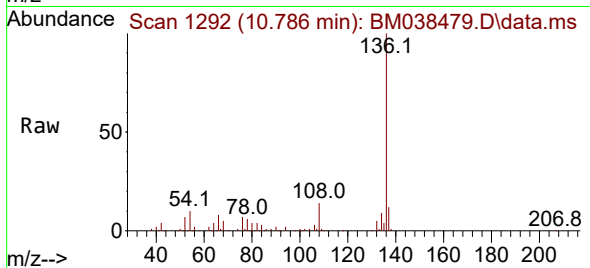
Acq: 18 Jan 2023 14:27

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2022



Tgt Ion:136 Resp: 193126

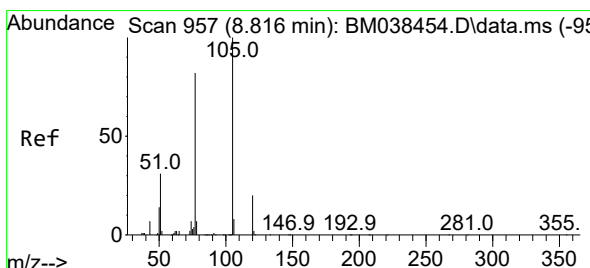
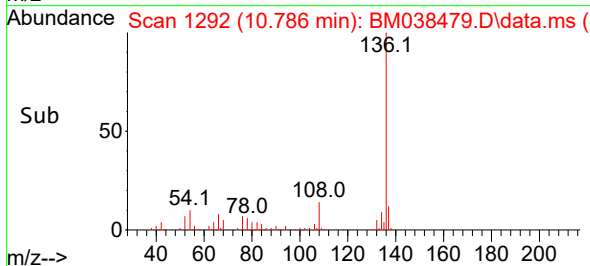
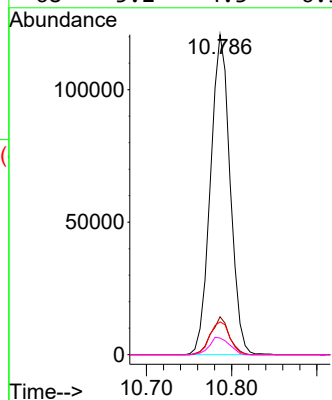
Ion Ratio Lower Upper

136 100

137 11.9 9.0 13.4

54 10.2 7.6 11.4

68 5.2 4.3 6.5



#22

Acetophenone

Concen: 9.533 ng

RT: 8.810 min Scan# 956

Delta R.T. 0.000 min

Lab File: BM038479.D

Acq: 18 Jan 2023 14:27

Tgt Ion:105 Resp: 54419

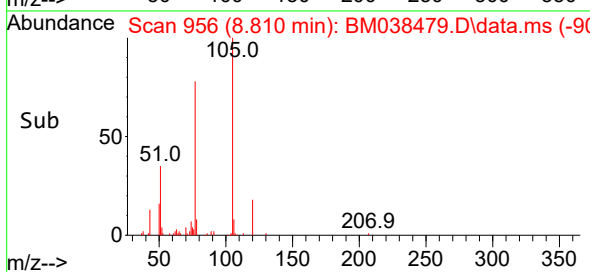
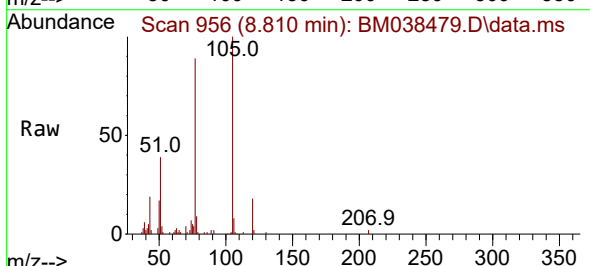
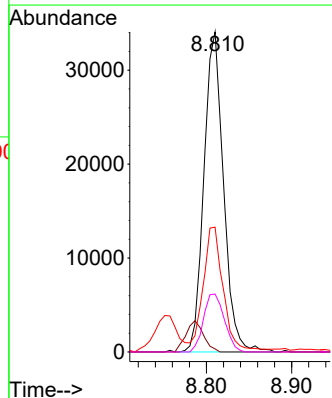
Ion Ratio Lower Upper

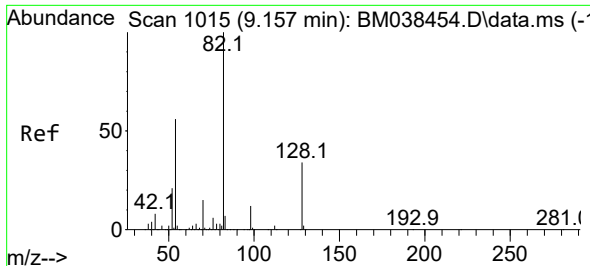
105 100

71 1.0 1.0 1.6#

51 39.0 27.4 41.2

120 18.1 15.6 23.4

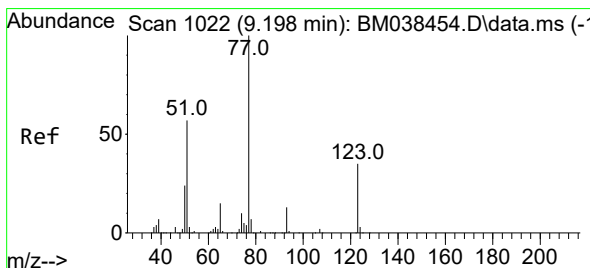
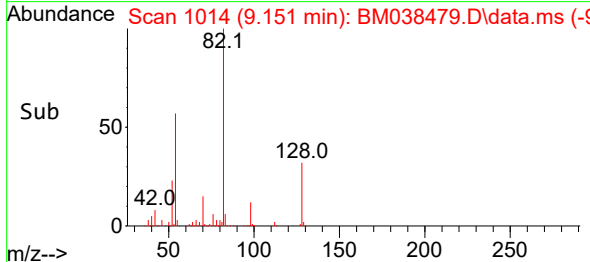
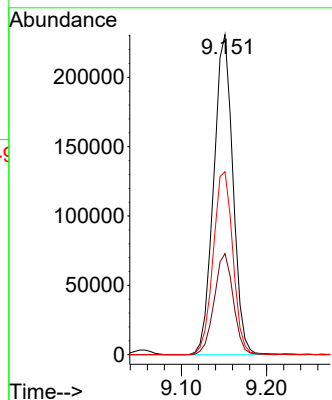
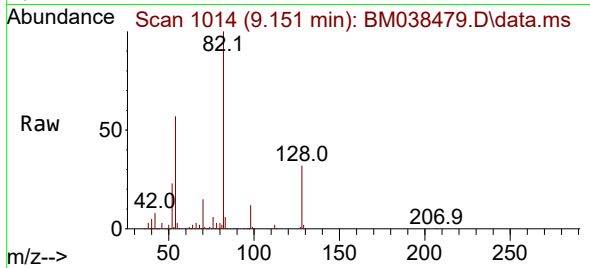




#23
Nitrobenzene-d5
Concen: 76.561 ng
RT: 9.151 min Scan# 1015
Delta R.T. 0.000 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

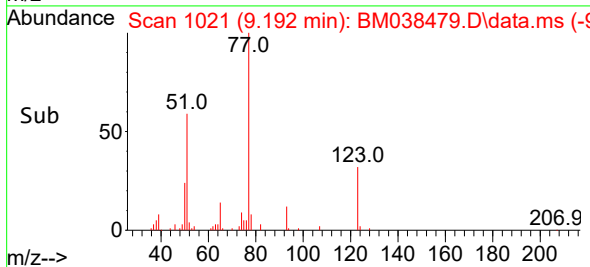
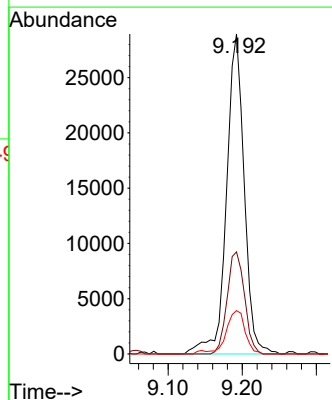
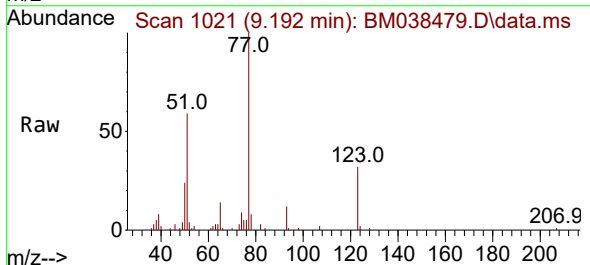
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022

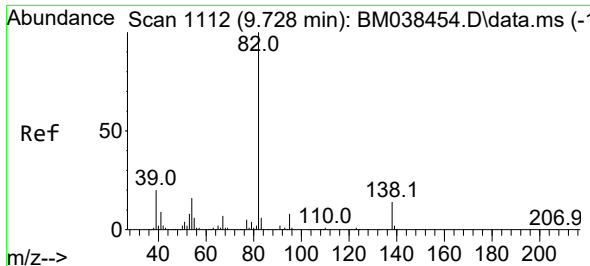
Tgt Ion: 82 Resp: 362887
Ion Ratio Lower Upper
82 100
128 31.6 27.0 40.6
54 57.2 45.0 67.6



#24
Nitrobenzene
Concen: 9.588 ng
RT: 9.192 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

Tgt Ion: 77 Resp: 48018
Ion Ratio Lower Upper
77 100
123 31.9 28.2 42.4
65 13.6 12.1 18.1

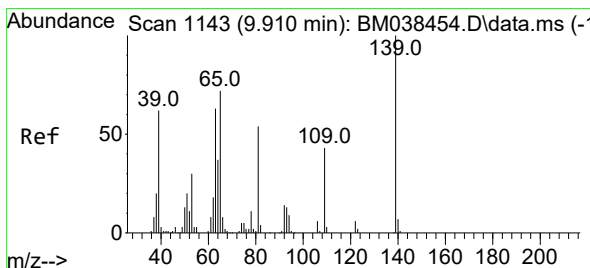
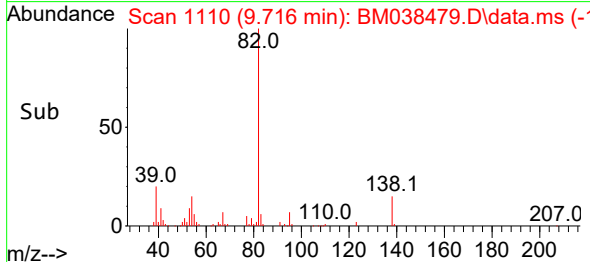
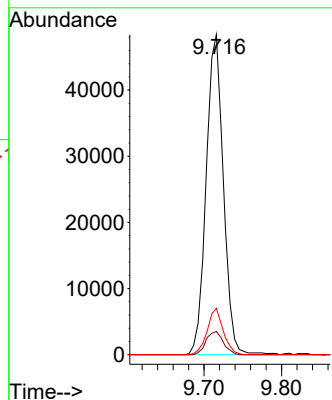
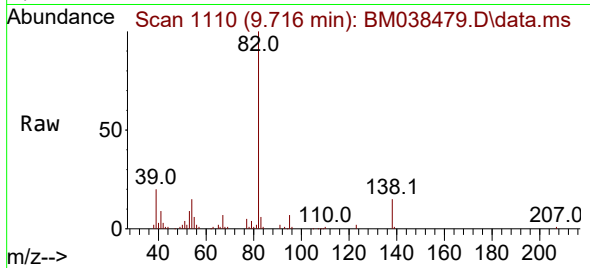




#25
Isophorone
Concen: 8.890 ng
RT: 9.716 min Scan# 1110
Delta R.T. 0.000 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

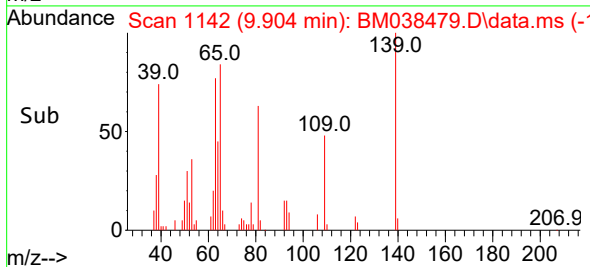
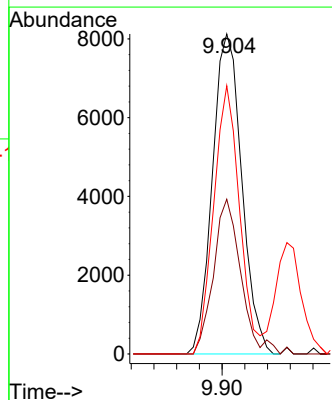
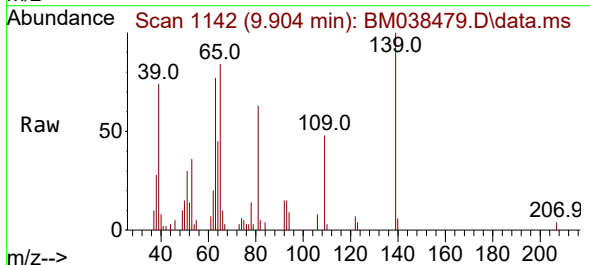
Instrument : BNA_M
ClientSampleId : LOQ-WATER-02-QT3-2022

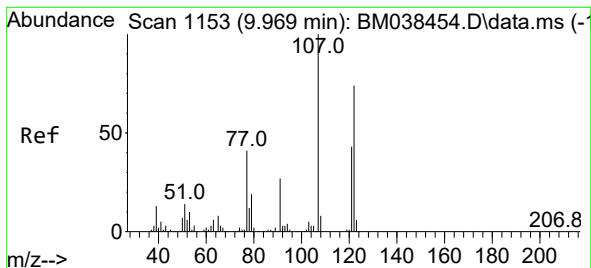
Tgt Ion: 82 Resp: 74642
Ion Ratio Lower Upper
82 100
95 7.3 6.1 9.1
138 14.5 11.5 17.3



#26
2-Nitrophenol
Concen: 8.287 ng
RT: 9.904 min Scan# 1142
Delta R.T. 0.000 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

Tgt Ion: 139 Resp: 14571
Ion Ratio Lower Upper
139 100
109 48.4 34.7 52.1
65 83.8 57.4 86.0





#27

2,4-Dimethylphenol

Concen: 8.113 ng

RT: 9.963 min Scan# 1152

Delta R.T. 0.006 min

Lab File: BM038479.D

Acq: 18 Jan 2023 14:27

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2022

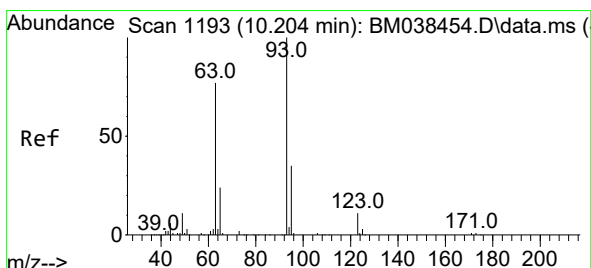
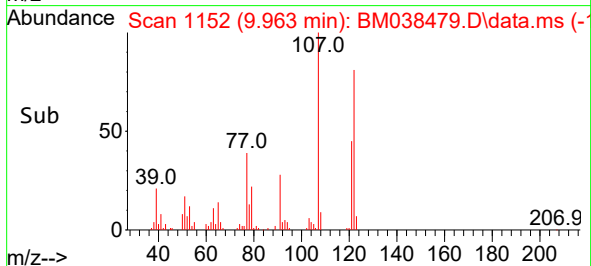
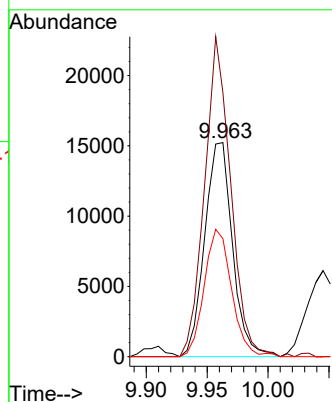
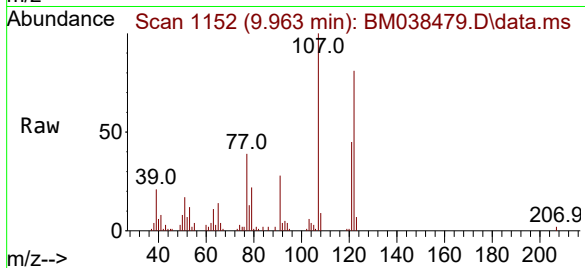
Tgt Ion:122 Resp: 24290

Ion Ratio Lower Upper

122 100

107 123.3 107.4 161.0

121 55.1 46.6 70.0



#28

bis(2-Chloroethoxy)methane

Concen: 8.991 ng

RT: 10.198 min Scan# 1192

Delta R.T. 0.000 min

Lab File: BM038479.D

Acq: 18 Jan 2023 14:27

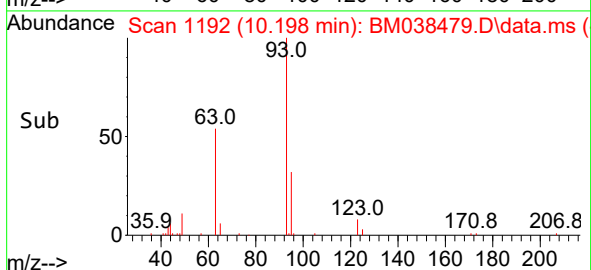
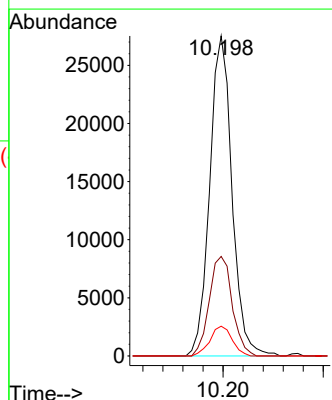
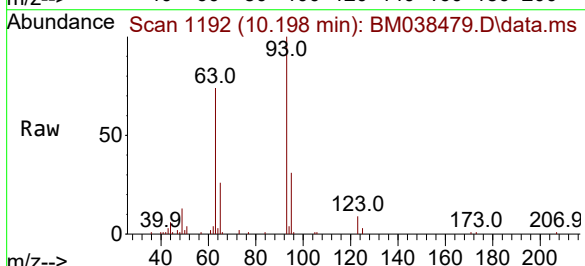
Tgt Ion: 93 Resp: 42451

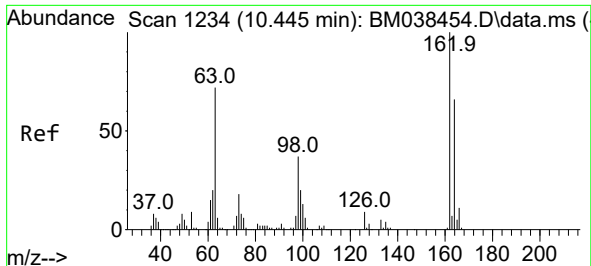
Ion Ratio Lower Upper

93 100

95 31.1 27.7 41.5

123 9.3 8.6 13.0





#29

2,4-Dichlorophenol

Concen: 8.416 ng

RT: 10.433 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM038479.D

Acq: 18 Jan 2023 14:27

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2022

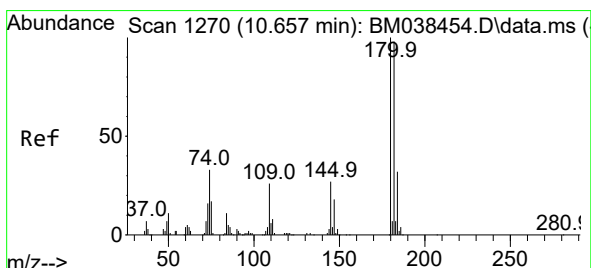
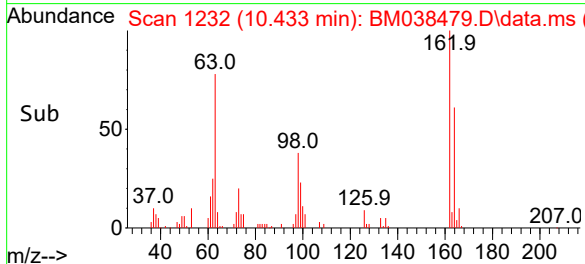
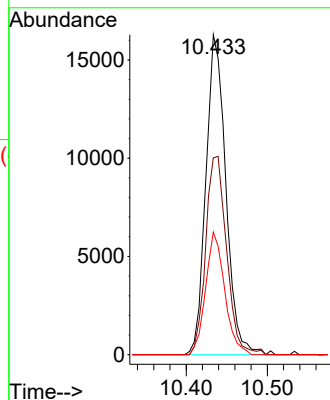
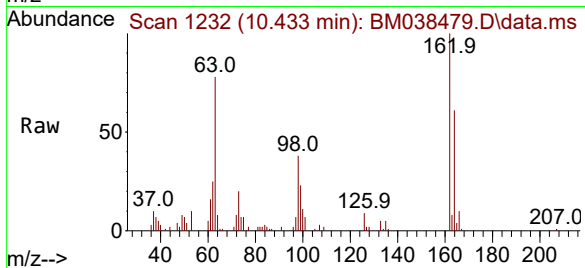
Tgt Ion:162 Resp: 27835

Ion Ratio Lower Upper

162 100

164 61.5 46.5 86.5

98 38.3 17.1 57.1



#30

1,2,4-Trichlorobenzene

Concen: 8.728 ng

RT: 10.645 min Scan# 1268

Delta R.T. -0.006 min

Lab File: BM038479.D

Acq: 18 Jan 2023 14:27

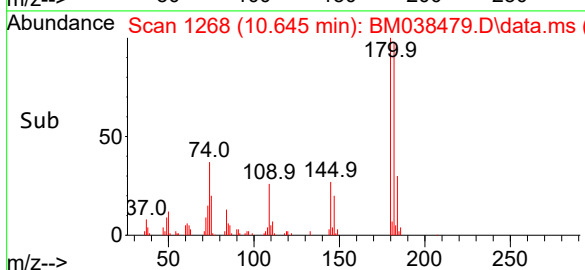
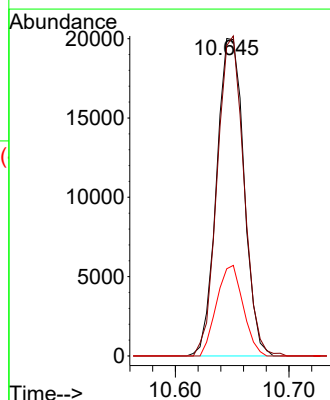
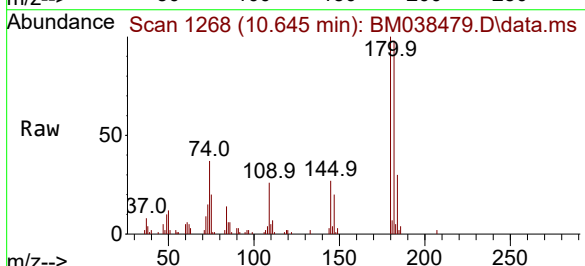
Tgt Ion:180 Resp: 33383

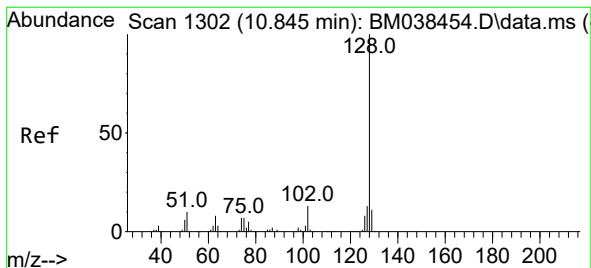
Ion Ratio Lower Upper

180 100

182 97.8 78.1 117.1

145 27.5 21.9 32.9





#31

Naphthalene

Concen: 8.764 ng

RT: 10.839 min Scan# 1166

Delta R.T. 0.000 min

Lab File: BM038479.D

Acq: 18 Jan 2023 14:27

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2022

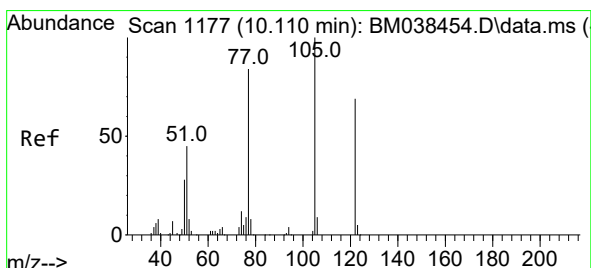
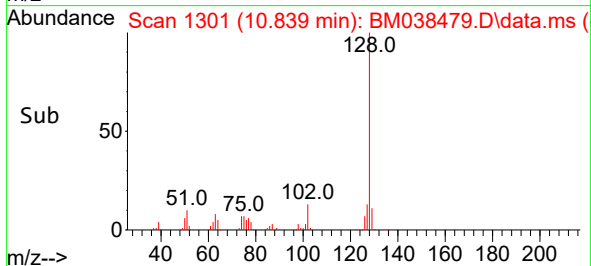
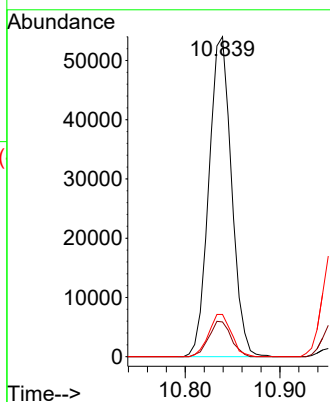
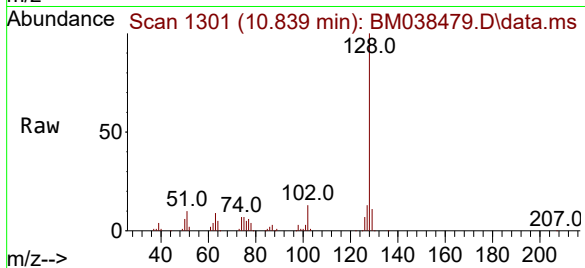
Tgt Ion:128 Resp: 89697

Ion Ratio Lower Upper

128 100

129 10.9 8.9 13.3

127 13.2 10.8 16.2



#32

Benzoic acid

Concen: 9.678 ng

RT: 10.045 min Scan# 1166

Delta R.T. -0.053 min

Lab File: BM038479.D

Acq: 18 Jan 2023 14:27

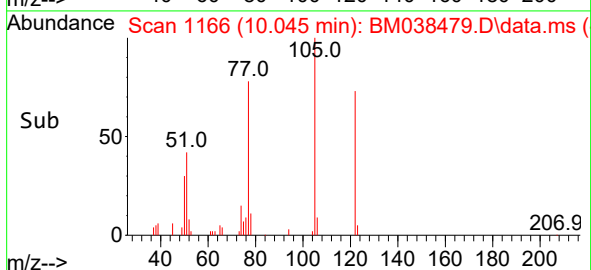
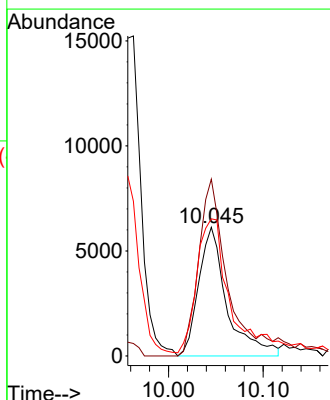
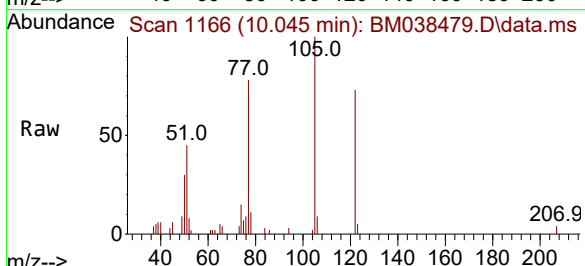
Tgt Ion:122 Resp: 12734

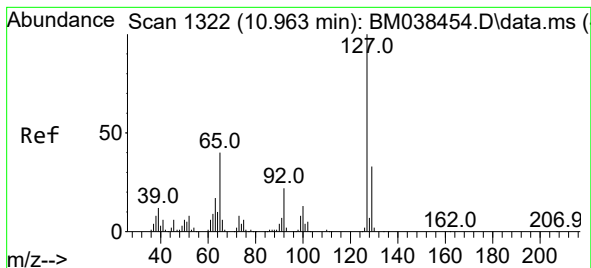
Ion Ratio Lower Upper

122 100

105 137.5 122.6 162.6

77 106.6 101.5 141.5





#33

4-Chloroaniline

Concen: 7.955 ng

RT: 10.957 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM038479.D

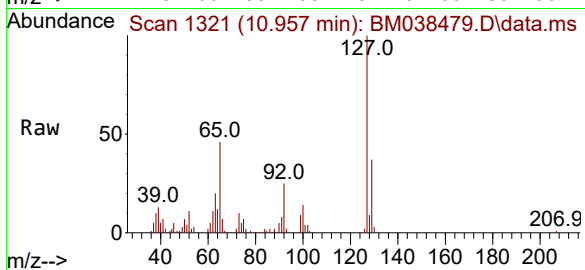
Acq: 18 Jan 2023 14:27

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2022



Tgt Ion:127 Resp: 35736

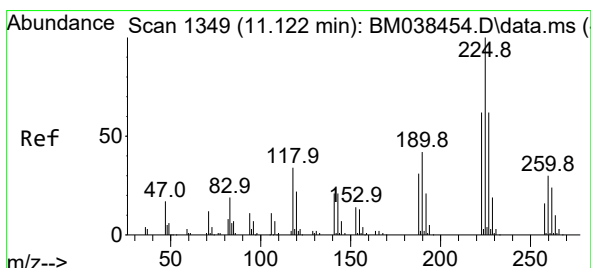
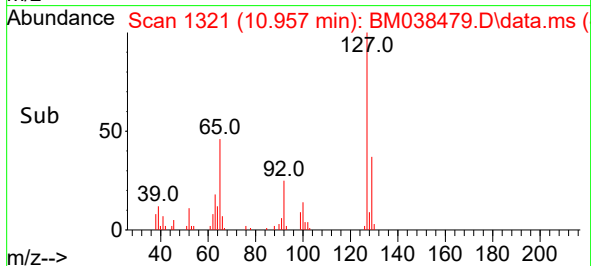
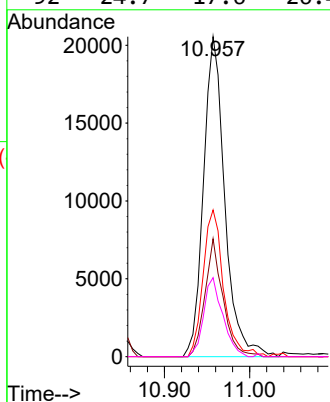
Ion Ratio Lower Upper

127 100

129 36.9 26.4 39.6

65 45.8 32.1 48.1

92 24.7 17.6 26.4



#34

Hexachlorobutadiene

Concen: 8.782 ng

RT: 11.110 min Scan# 1347

Delta R.T. 0.000 min

Lab File: BM038479.D

Acq: 18 Jan 2023 14:27

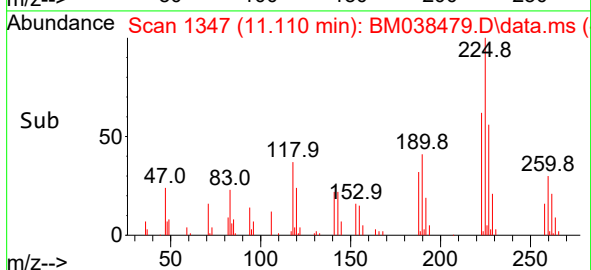
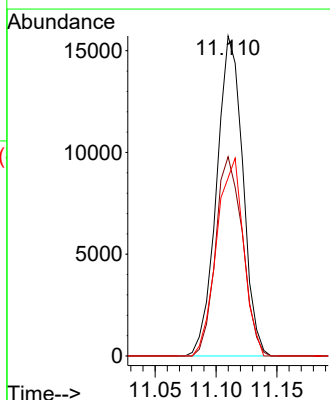
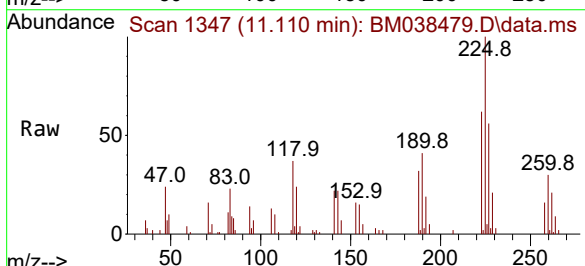
Tgt Ion:225 Resp: 23554

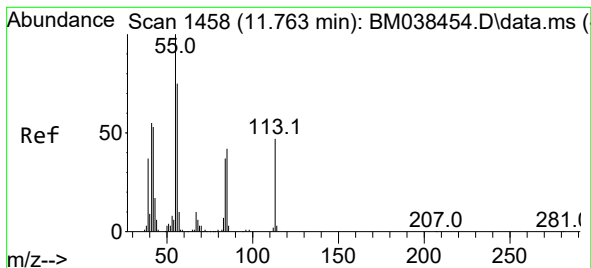
Ion Ratio Lower Upper

225 100

223 64.7 49.8 74.8

227 55.6 49.6 74.4





#35

Caprolactam

Concen: 10.149 ng

RT: 11.733 min Scan# 1458

Delta R.T. -0.018 min

Lab File: BM038479.D

Acq: 18 Jan 2023 14:27

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2022

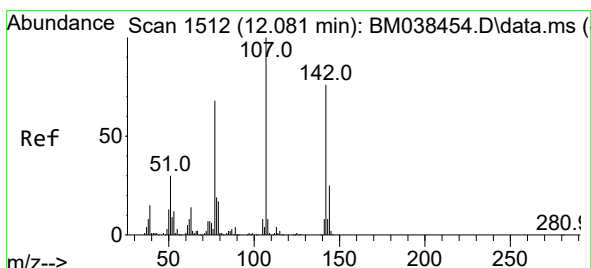
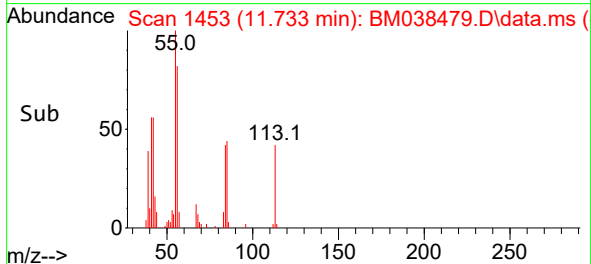
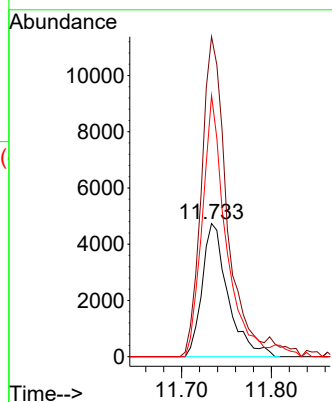
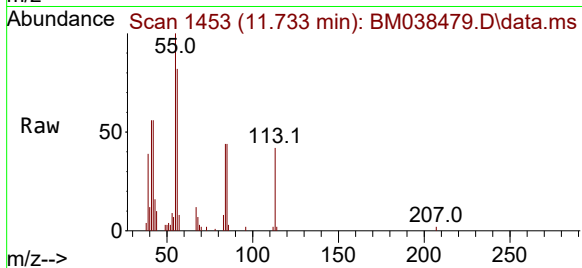
Tgt Ion:113 Resp: 9488

Ion Ratio Lower Upper

113 100

55 240.4 194.2 234.2#

56 196.1 141.6 181.6#



#36

4-Chloro-3-methylphenol

Concen: 8.202 ng

RT: 12.074 min Scan# 1511

Delta R.T. 0.000 min

Lab File: BM038479.D

Acq: 18 Jan 2023 14:27

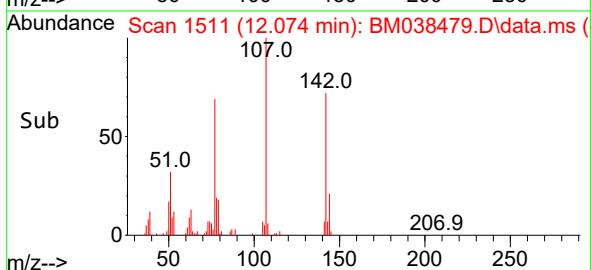
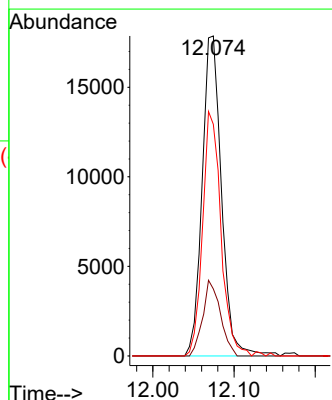
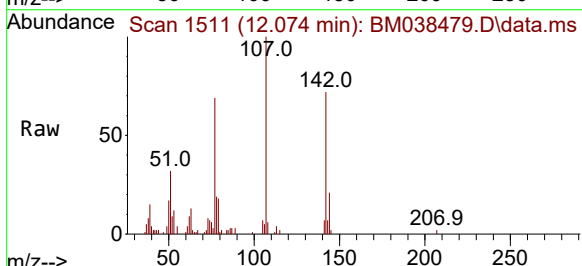
Tgt Ion:107 Resp: 29580

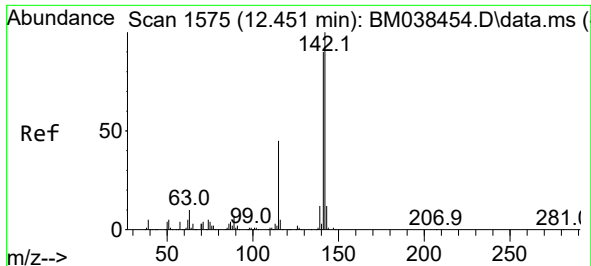
Ion Ratio Lower Upper

107 100

144 20.9 20.3 30.5

142 72.4 61.2 91.8

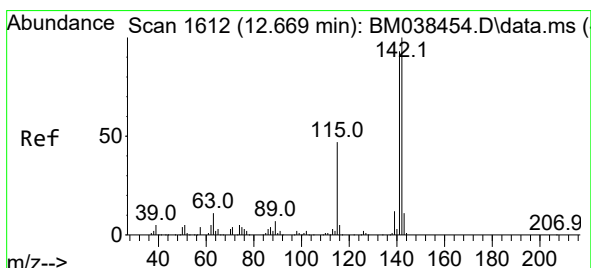
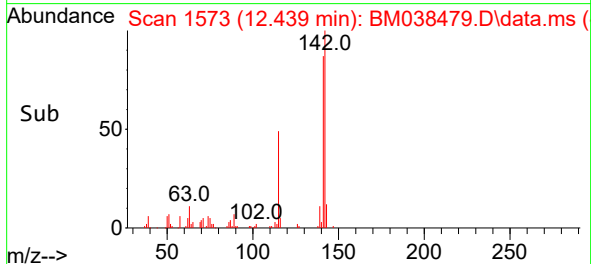
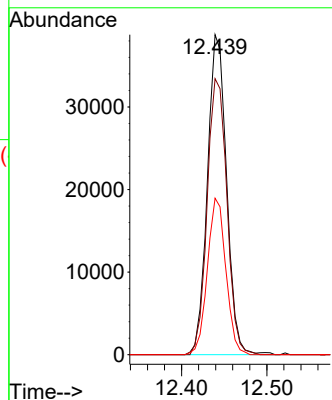
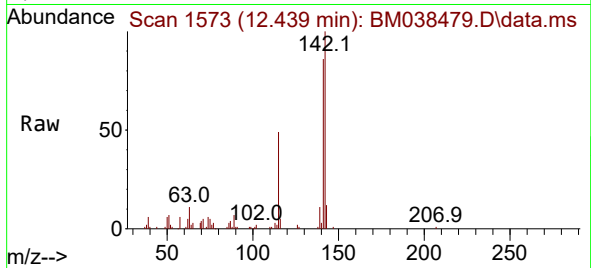




#37
2-Methylnaphthalene
Concen: 8.087 ng
RT: 12.439 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

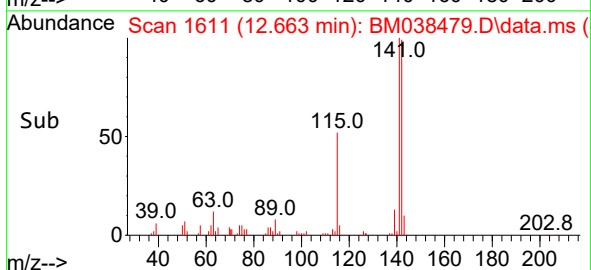
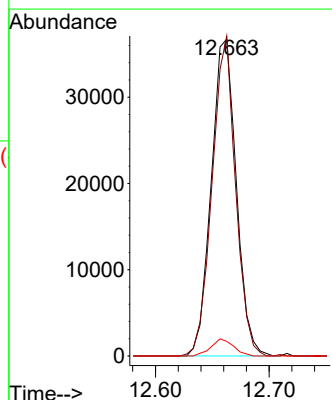
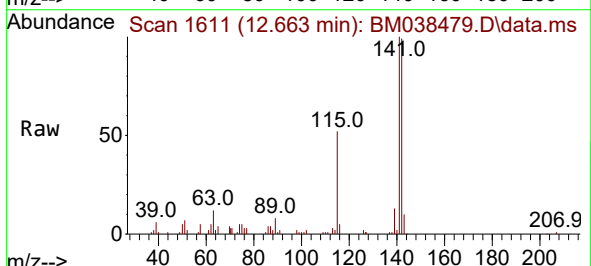
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022

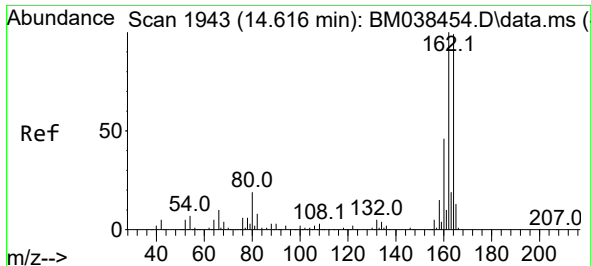
Tgt Ion:142 Resp: 60521
Ion Ratio Lower Upper
142 100
141 86.3 72.0 108.0
115 48.9 35.9 53.9



#38
1-Methylnaphthalene
Concen: 8.009 ng
RT: 12.663 min Scan# 1611
Delta R.T. 0.000 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

Tgt Ion:142 Resp: 56267
Ion Ratio Lower Upper
142 100
141 100.9 74.4 111.6
116 4.6 3.8 5.8

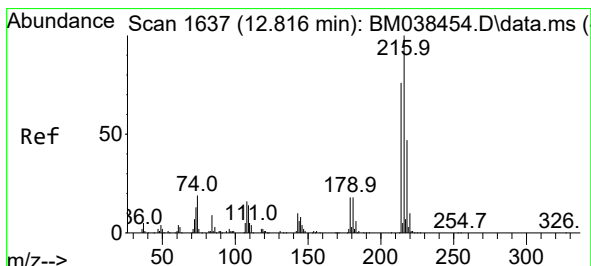
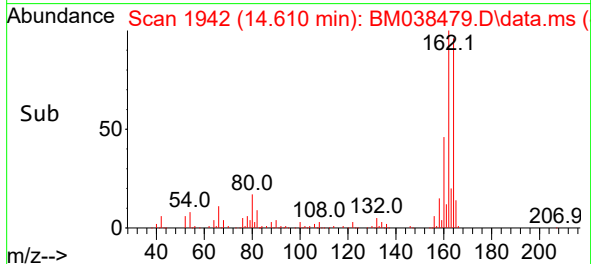
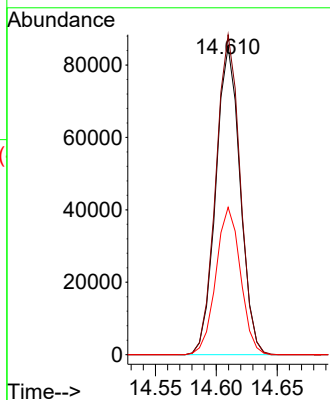
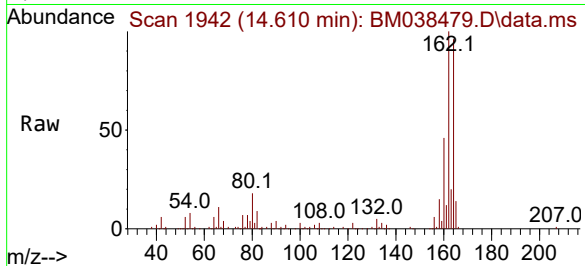




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.610 min Scan# 1942
Delta R.T. 0.000 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

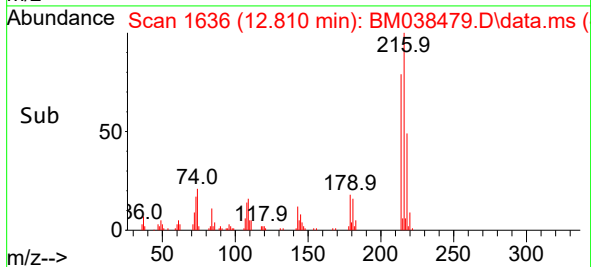
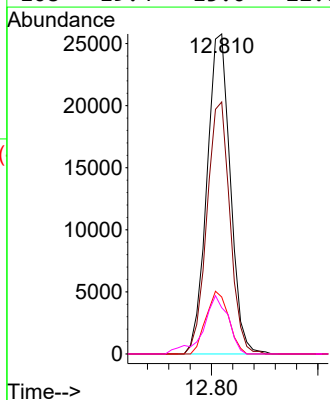
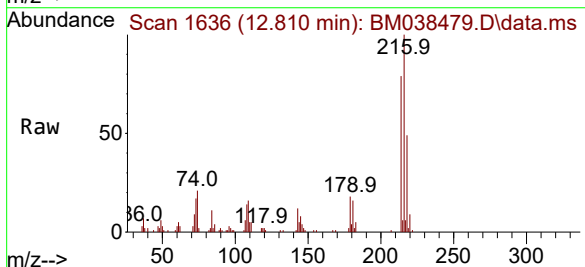
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022

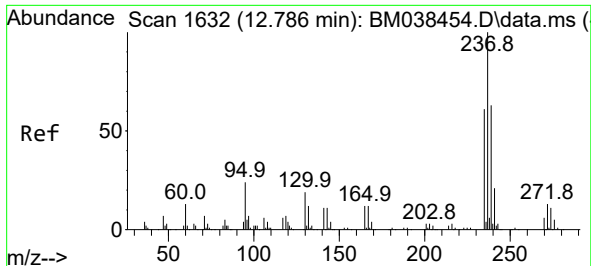
Tgt Ion:164 Resp: 118282
Ion Ratio Lower Upper
164 100
162 103.8 80.9 121.3
160 47.8 37.4 56.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 8.866 ng
RT: 12.810 min Scan# 1636
Delta R.T. 0.000 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

Tgt Ion:216 Resp: 39248
Ion Ratio Lower Upper
216 100
214 77.5 61.4 92.0
179 18.9 15.3 22.9
108 19.4 15.0 22.6

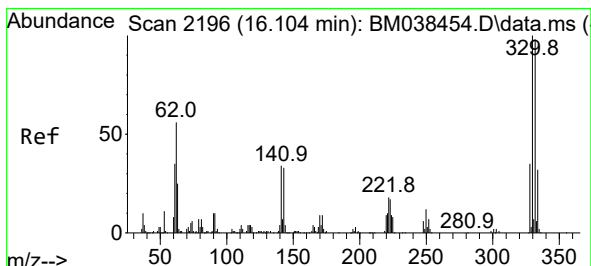
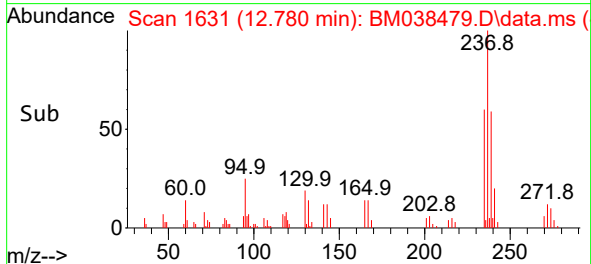
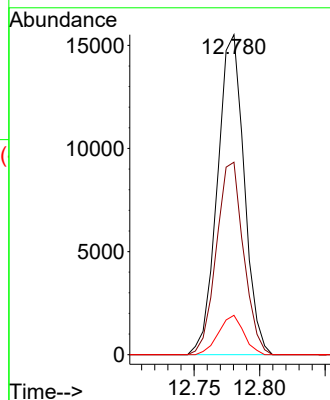
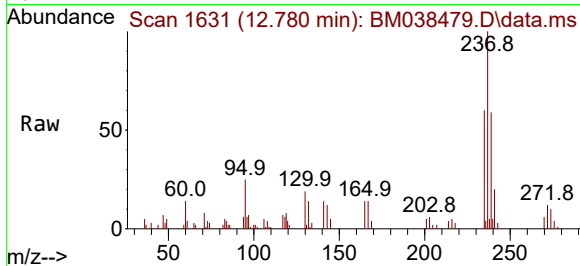




#41
Hexachlorocyclopentadiene
Concen: 8.742 ng
RT: 12.780 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

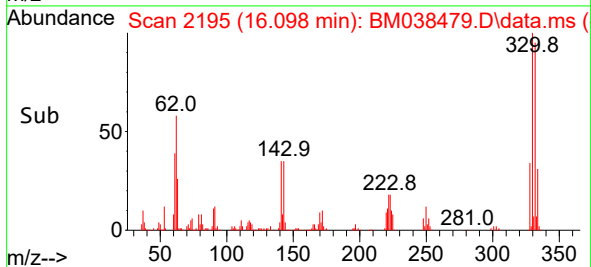
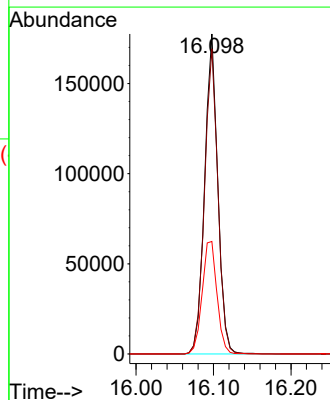
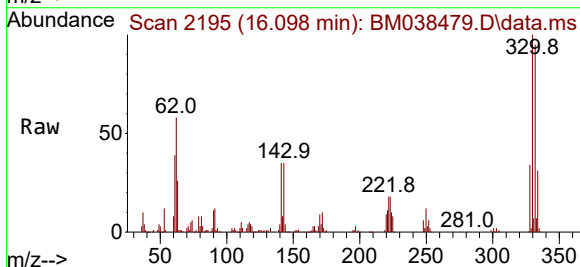
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022

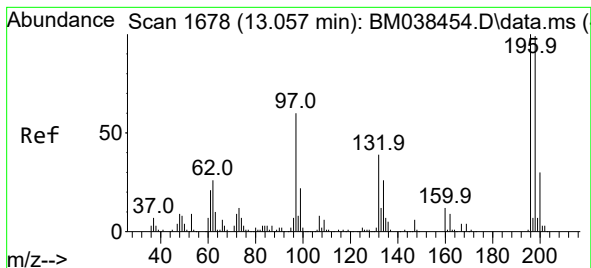
Tgt Ion:237 Resp: 22006
Ion Ratio Lower Upper
237 100
235 60.2 40.9 80.9
272 12.3 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 104.394 ng
RT: 16.098 min Scan# 2195
Delta R.T. 0.000 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

Tgt Ion:330 Resp: 208741
Ion Ratio Lower Upper
330 100
332 97.1 77.0 115.4
141 39.6 28.1 42.1





#43

2,4,6-Trichlorophenol

Concen: 8.488 ng

RT: 13.051 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM038479.D

Acq: 18 Jan 2023 14:27

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2022

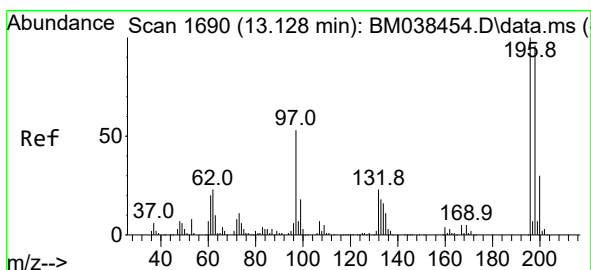
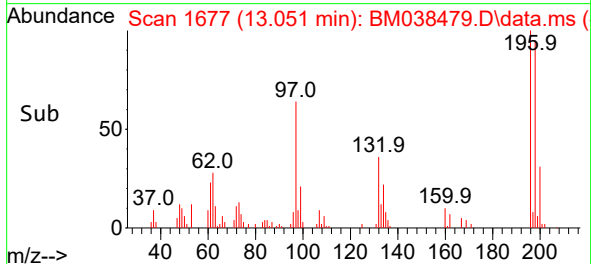
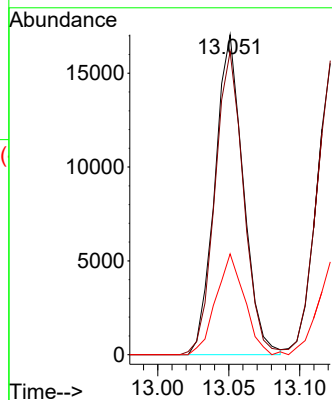
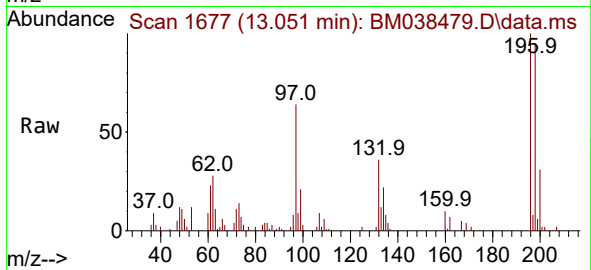
Tgt Ion:196 Resp: 23754

Ion Ratio Lower Upper

196 100

198 94.7 78.8 118.2

200 31.5 24.4 36.6



#44

2,4,5-Trichlorophenol

Concen: 7.659 ng

RT: 13.127 min Scan# 1690

Delta R.T. 0.006 min

Lab File: BM038479.D

Acq: 18 Jan 2023 14:27

Tgt Ion:196 Resp: 25271

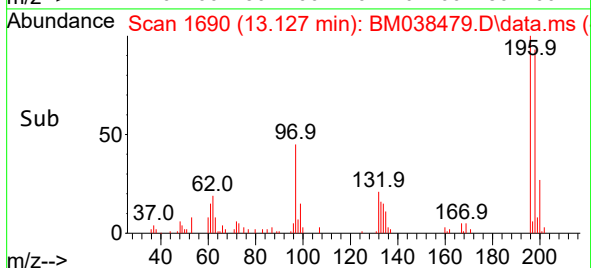
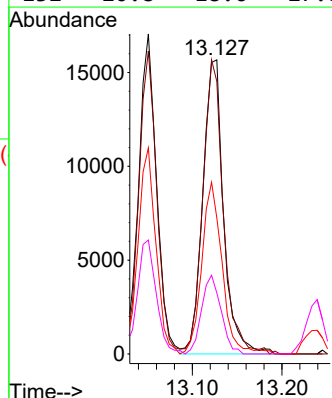
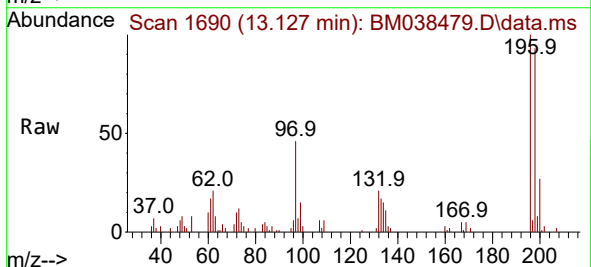
Ion Ratio Lower Upper

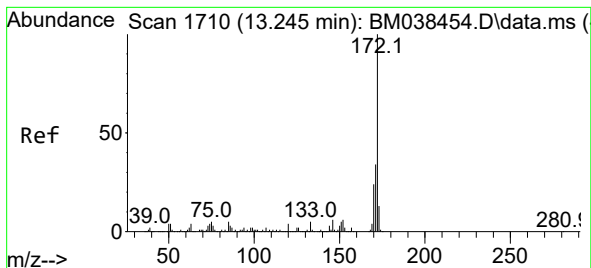
196 100

198 92.7 77.4 116.2

97 46.3 42.4 63.6

132 20.8 18.6 27.8





#45

2-Fluorobiphenyl

Concen: 73.156 ng

RT: 13.239 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM038479.D

Acq: 18 Jan 2023 14:27

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2022

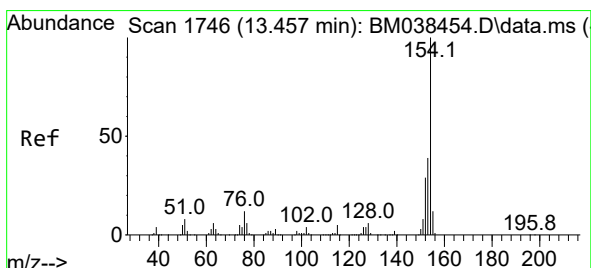
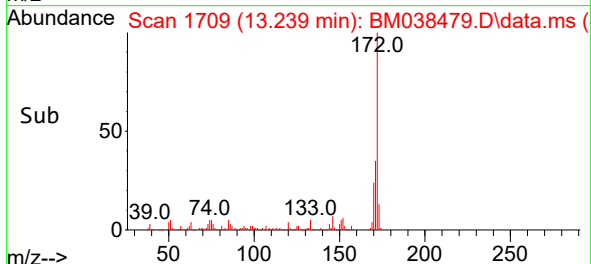
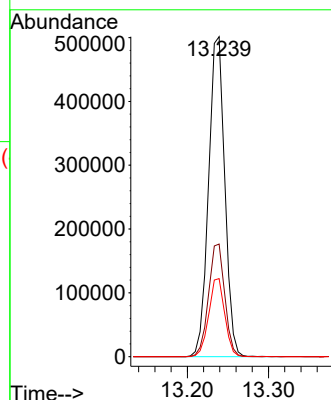
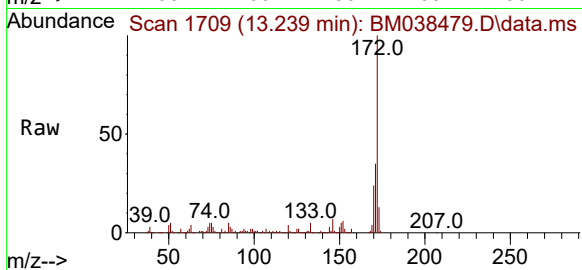
Tgt Ion:172 Resp: 693852

Ion Ratio Lower Upper

172 100

171 35.2 27.5 41.3

170 24.4 19.0 28.6



#46

1,1'-Biphenyl

Concen: 8.955 ng

RT: 13.445 min Scan# 1744

Delta R.T. 0.000 min

Lab File: BM038479.D

Acq: 18 Jan 2023 14:27

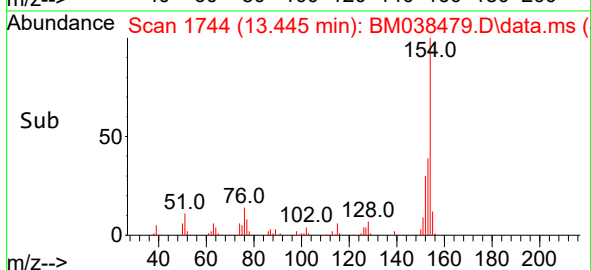
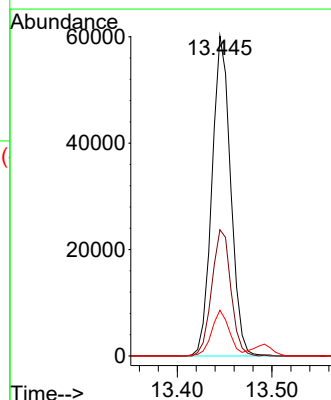
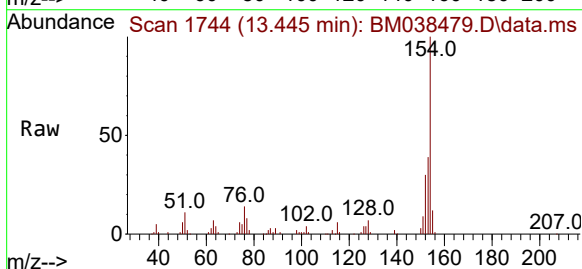
Tgt Ion:154 Resp: 82173

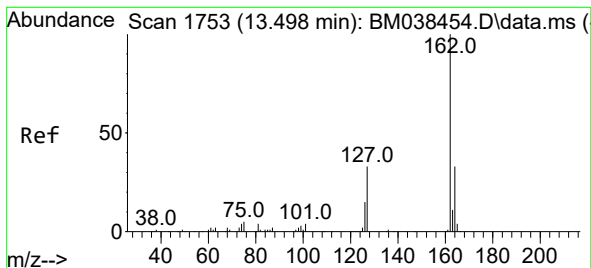
Ion Ratio Lower Upper

154 100

153 39.5 19.3 59.3

76 14.3 0.0 32.2





#47

2-Chloronaphthalene

Concen: 8.974 ng

RT: 13.492 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM038479.D

Acq: 18 Jan 2023 14:27

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2022

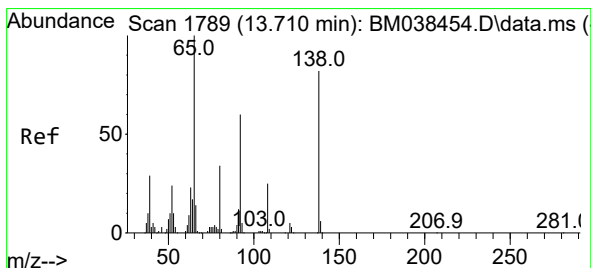
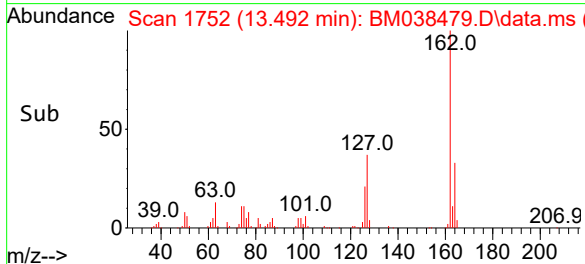
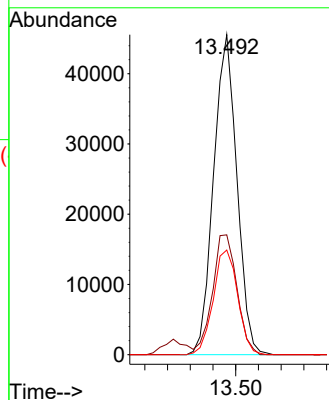
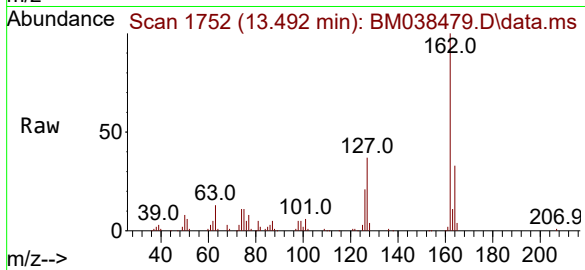
Tgt Ion:162 Resp: 64816

Ion Ratio Lower Upper

162 100

127 37.5 29.5 44.3

164 32.7 26.2 39.4



#48

2-Nitroaniline

Concen: 9.248 ng

RT: 13.704 min Scan# 1788

Delta R.T. 0.000 min

Lab File: BM038479.D

Acq: 18 Jan 2023 14:27

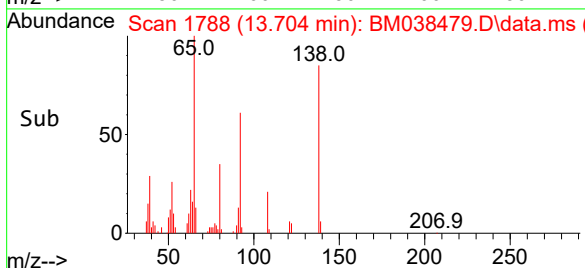
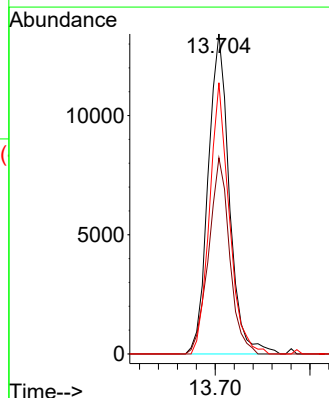
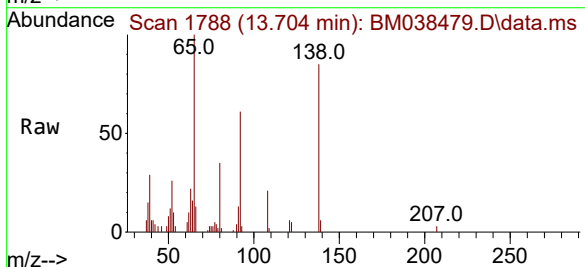
Tgt Ion: 65 Resp: 20845

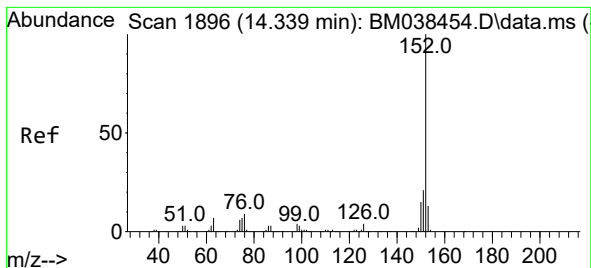
Ion Ratio Lower Upper

65 100

92 61.3 47.6 71.4

138 84.8 65.8 98.8





#49

Acenaphthylene

Concen: 8.410 ng

RT: 14.333 min Scan# 1895

Delta R.T. 0.000 min

Lab File: BM038479.D

Acq: 18 Jan 2023 14:27

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2022

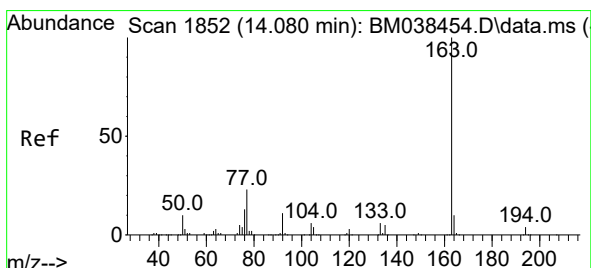
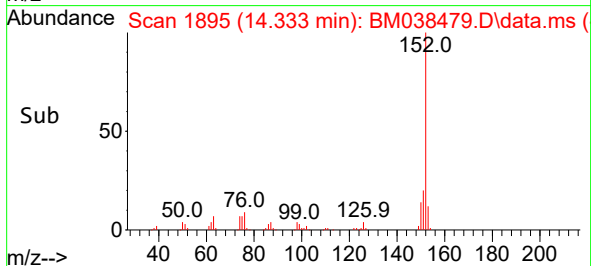
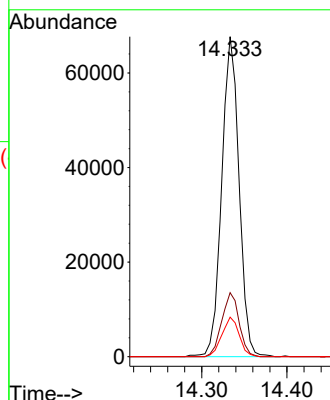
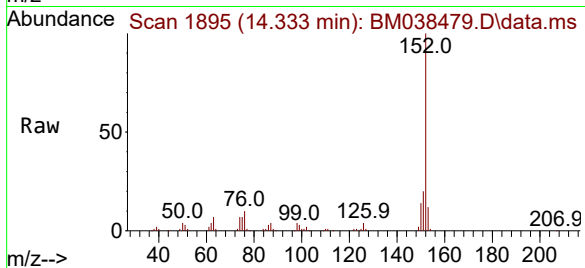
Tgt Ion:152 Resp: 95770

Ion Ratio Lower Upper

152 100

151 20.0 16.4 24.6

153 12.3 10.6 15.8



#50

Dimethylphthalate

Concen: 8.318 ng

RT: 14.068 min Scan# 1850

Delta R.T. -0.006 min

Lab File: BM038479.D

Acq: 18 Jan 2023 14:27

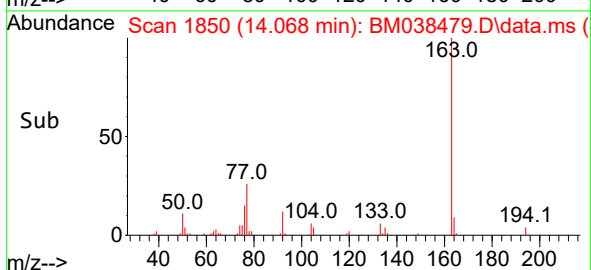
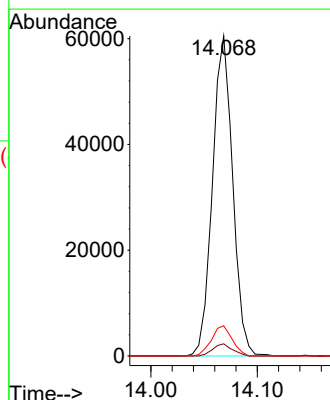
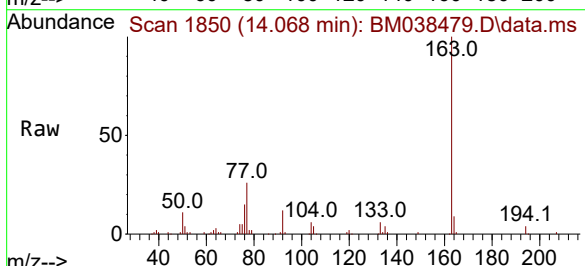
Tgt Ion:163 Resp: 79736

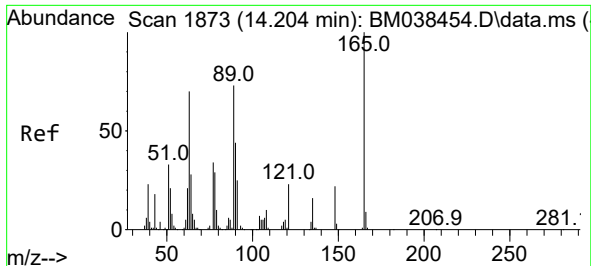
Ion Ratio Lower Upper

163 100

194 3.8 3.6 5.4

164 9.4 7.8 11.8

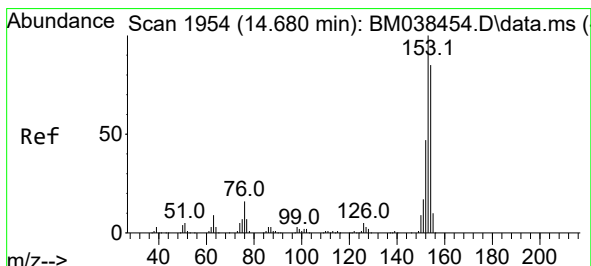
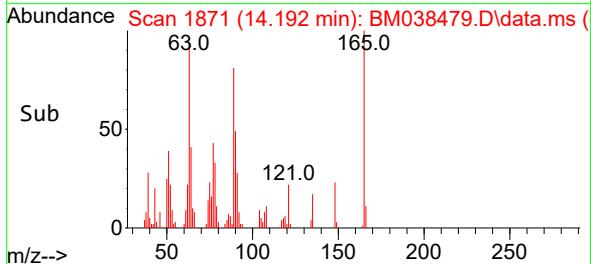
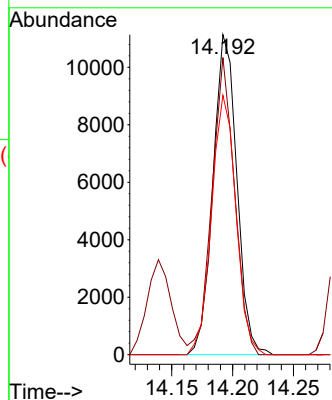
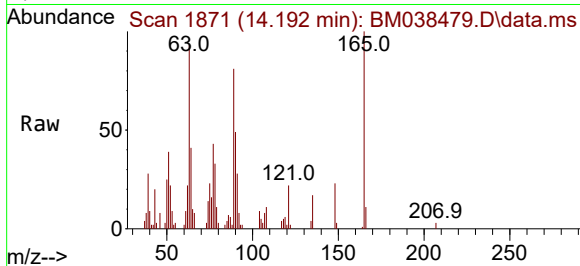




#51
2,6-Dinitrotoluene
Concen: 7.750 ng
RT: 14.192 min Scan# 1871
Delta R.T. -0.006 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

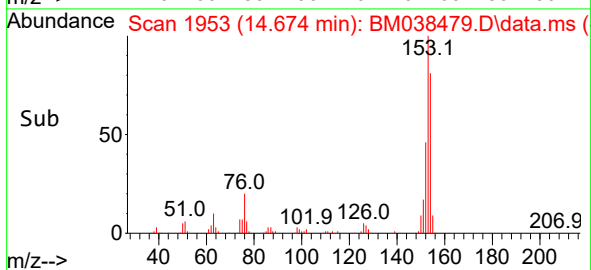
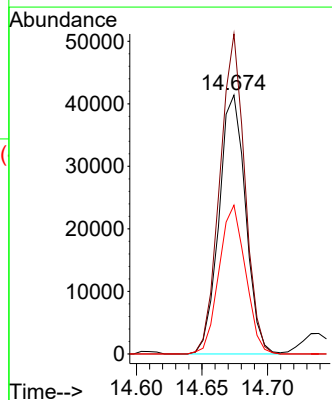
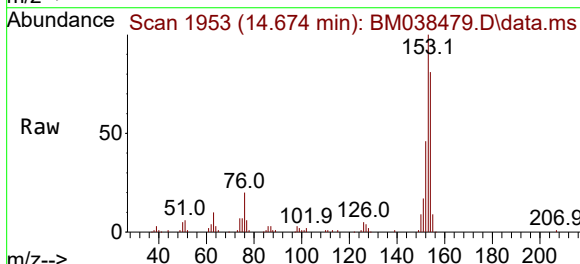
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022

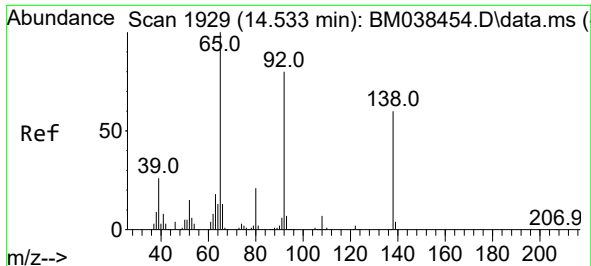
Tgt Ion:165 Resp: 15114
Ion Ratio Lower Upper
165 100
63 92.9 60.9 91.3#
89 81.0 58.6 87.8



#52
Acenaphthene
Concen: 8.439 ng
RT: 14.674 min Scan# 1953
Delta R.T. 0.000 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

Tgt Ion:154 Resp: 58398
Ion Ratio Lower Upper
154 100
153 123.6 93.8 140.6
152 57.4 44.2 66.4

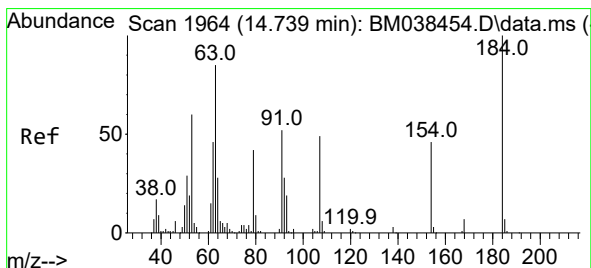
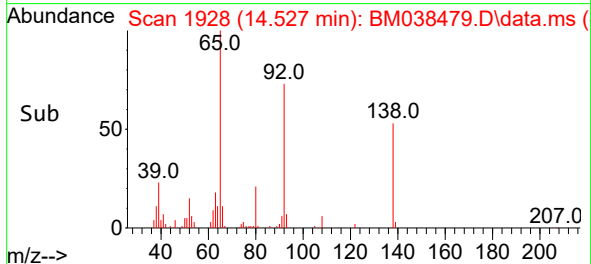
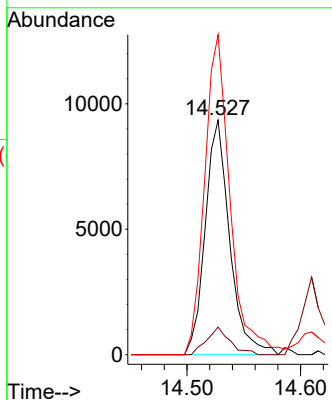
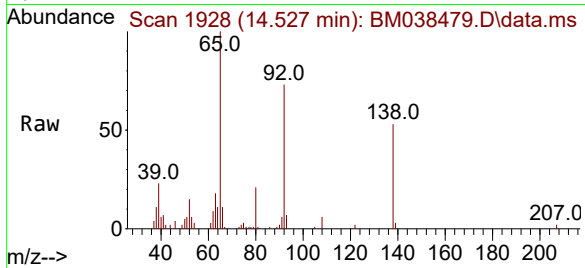




#53
3-Nitroaniline
Concen: 8.799 ng
RT: 14.527 min Scan# 1928
Delta R.T. 0.000 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

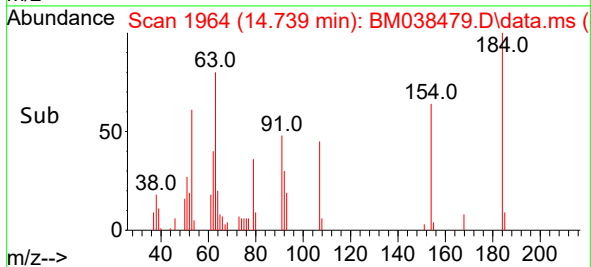
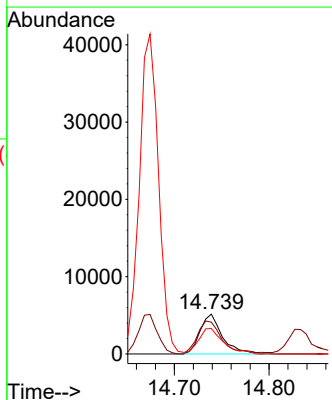
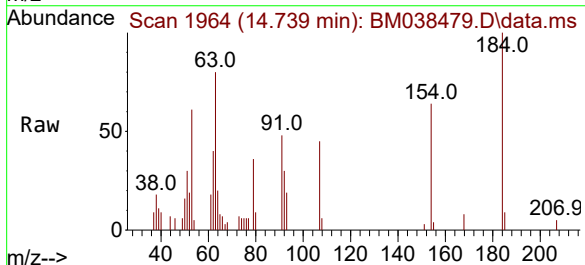
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022

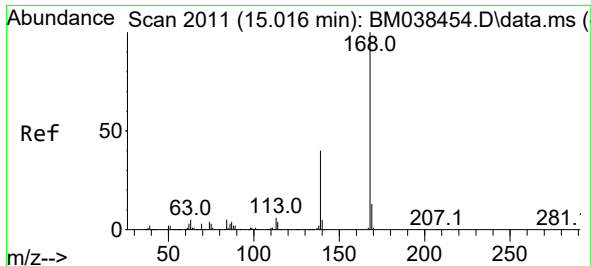
Tgt Ion:138 Resp: 13973
Ion Ratio Lower Upper
138 100
108 11.7 8.9 13.3
92 136.5 106.4 159.6



#54
2,4-Dinitrophenol
Concen: 10.458 ng
RT: 14.739 min Scan# 1964
Delta R.T. 0.006 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

Tgt Ion:184 Resp: 8456
Ion Ratio Lower Upper
184 100
63 79.9 70.0 105.0
154 63.8 55.6 83.4

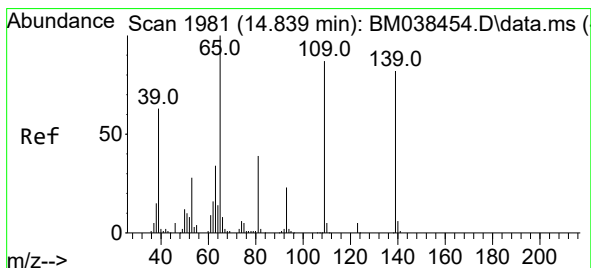
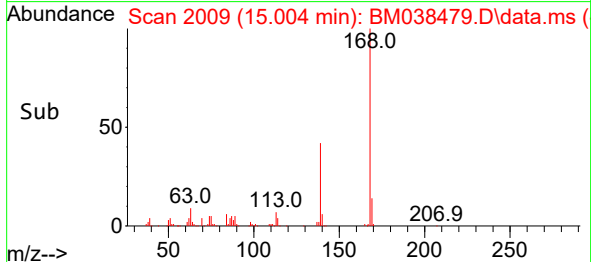
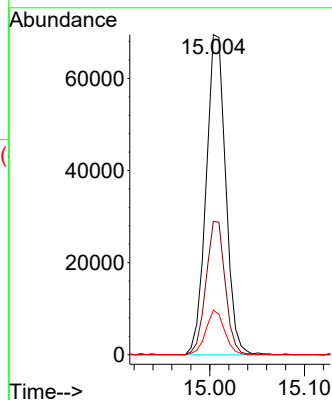
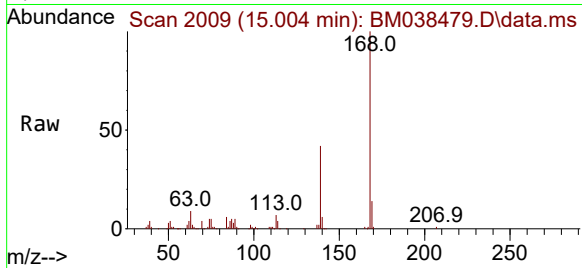




#55
Dibenzofuran
Concen: 8.458 ng
RT: 15.004 min Scan# 20
Delta R.T. -0.006 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

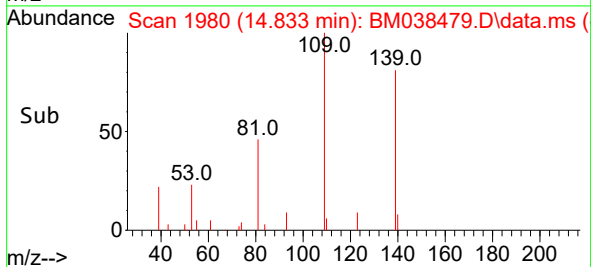
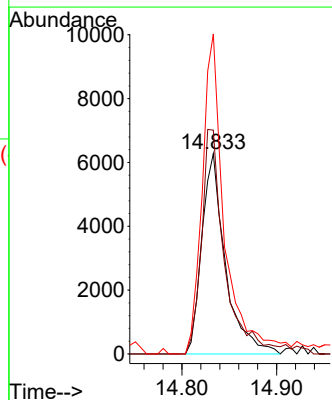
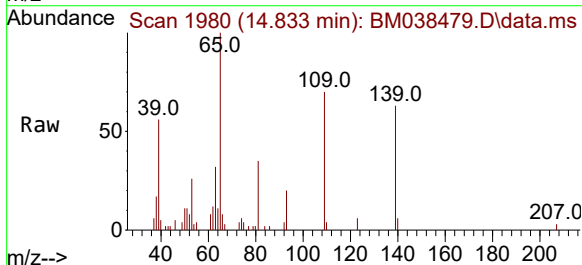
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022

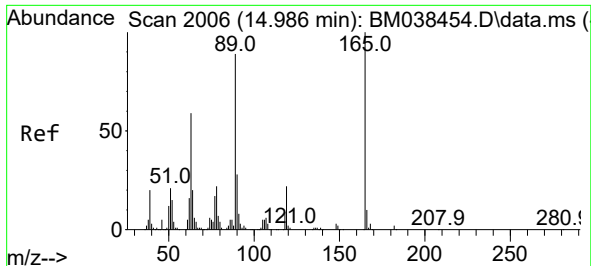
Tgt Ion:168 Resp: 99654
Ion Ratio Lower Upper
168 100
139 41.7 31.9 47.9
169 13.9 10.5 15.7



#56
4-Nitrophenol
Concen: 9.735 ng
RT: 14.833 min Scan# 1980
Delta R.T. 0.006 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

Tgt Ion:139 Resp: 10899
Ion Ratio Lower Upper
139 100
109 111.8 86.0 126.0
65 159.8 102.7 142.7#





#57

2,4-Dinitrotoluene

Concen: 7.428 ng

RT: 14.980 min Scan# 2006

Delta R.T. 0.000 min

Lab File: BM038479.D

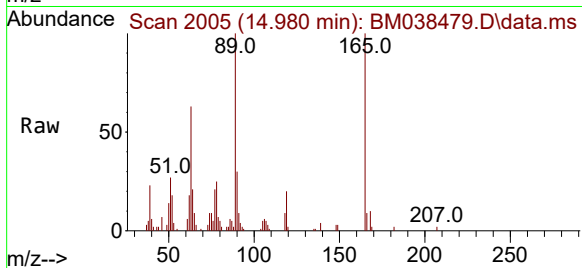
Acq: 18 Jan 2023 14:27

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2022



Tgt Ion:165 Resp: 20136

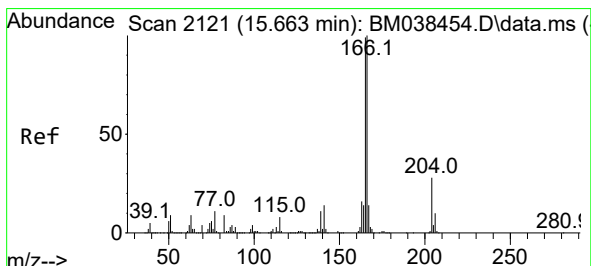
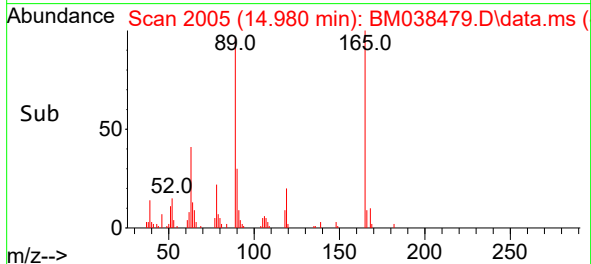
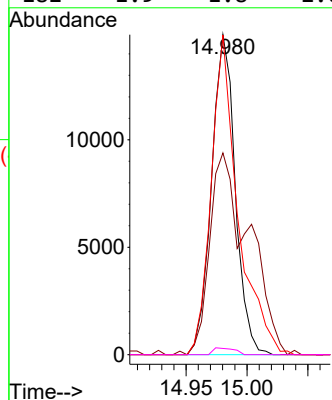
Ion Ratio Lower Upper

165 100

63 63.0 47.7 71.5

89 99.9 71.5 107.3

182 1.9 1.8 2.6



#58

Fluorene

Concen: 7.924 ng

RT: 15.657 min Scan# 2120

Delta R.T. 0.000 min

Lab File: BM038479.D

Acq: 18 Jan 2023 14:27

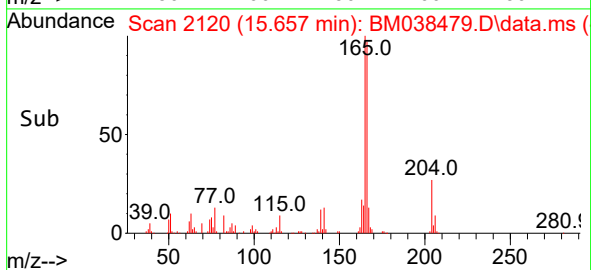
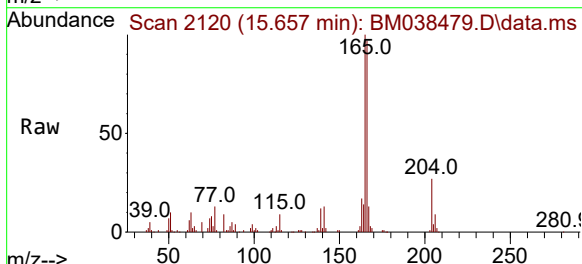
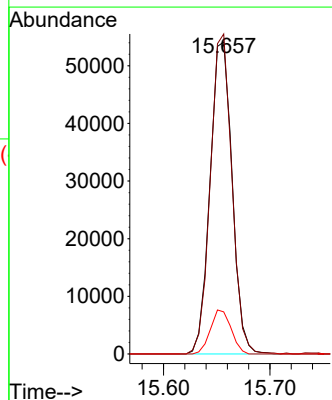
Tgt Ion:166 Resp: 78001

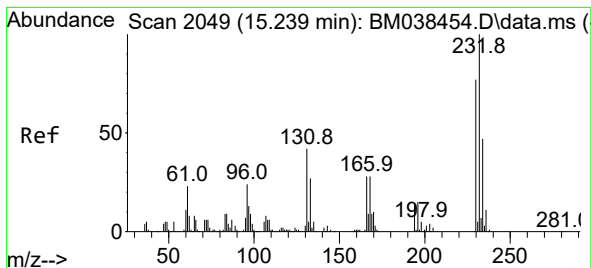
Ion Ratio Lower Upper

166 100

165 102.6 79.2 118.8

167 13.5 11.0 16.4

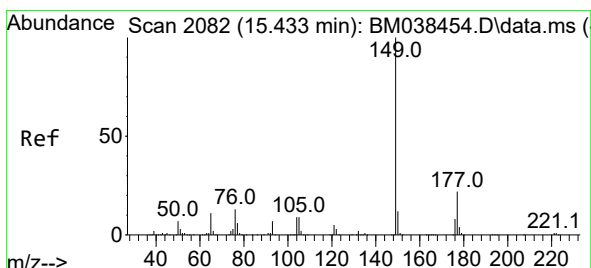
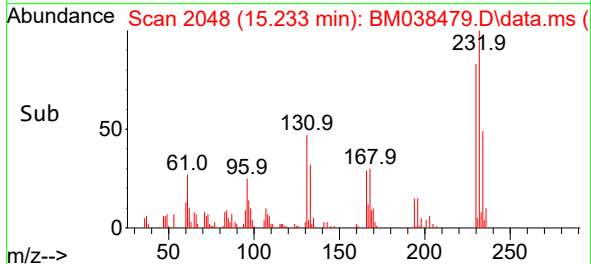
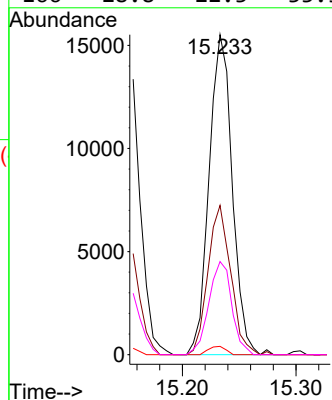
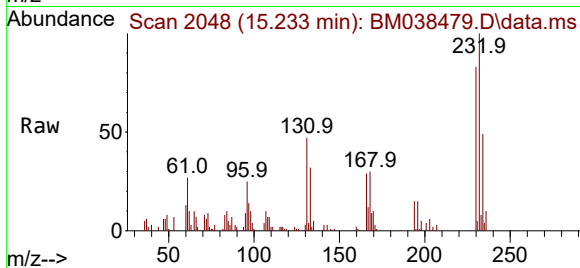




#59
2,3,4,6-Tetrachlorophenol
Concen: 7.518 ng
RT: 15.233 min Scan# 2048
Delta R.T. 0.000 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

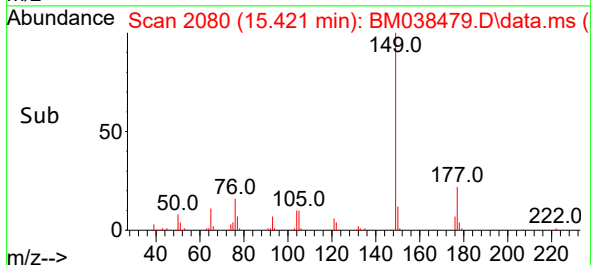
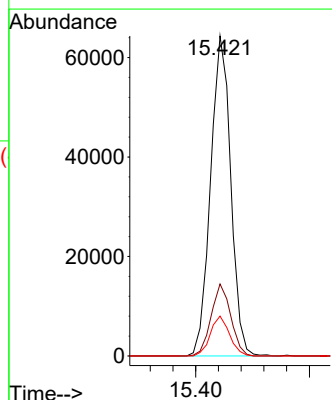
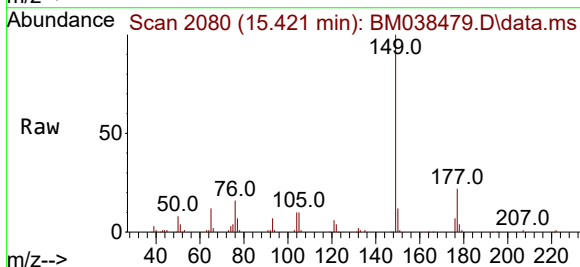
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022

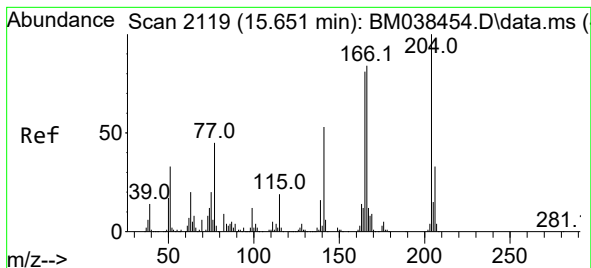
Tgt Ion:232	Resp:	21994
Ion Ratio	Lower	Upper
232	100	
131	46.0	33.8 50.6
130	1.9	1.9 2.9
166	28.8	22.3 33.5



#60
Diethylphthalate
Concen: 8.073 ng
RT: 15.421 min Scan# 2080
Delta R.T. 0.000 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

Tgt Ion:149	Resp:	79383
Ion Ratio	Lower	Upper
149	100	
177	22.5	17.8 26.6
150	12.5	9.5 14.3

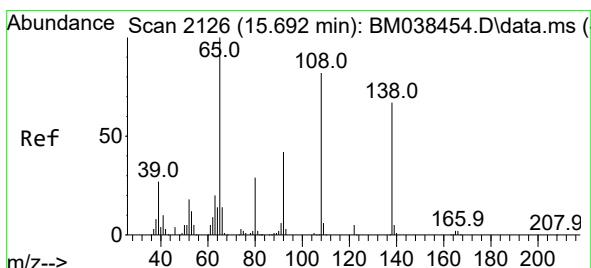
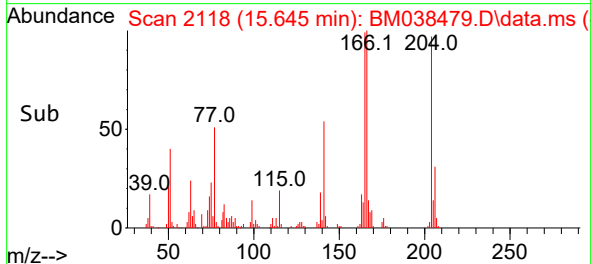
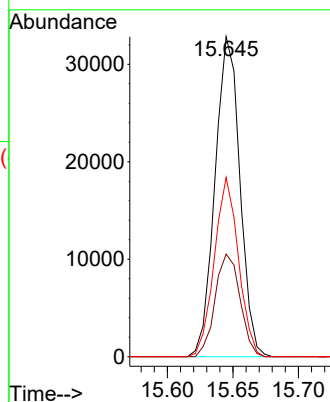
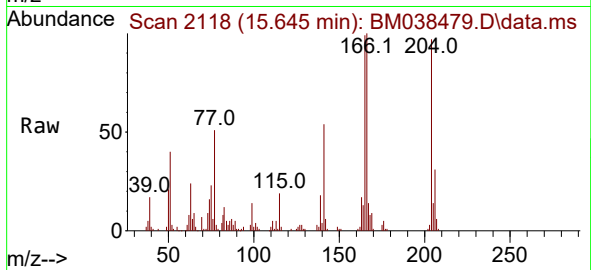




#61
4-Chlorophenyl-phenylether
Concen: 8.002 ng
RT: 15.645 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

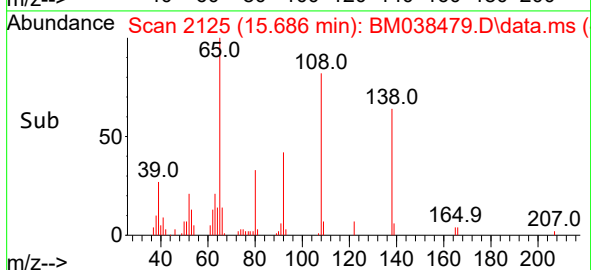
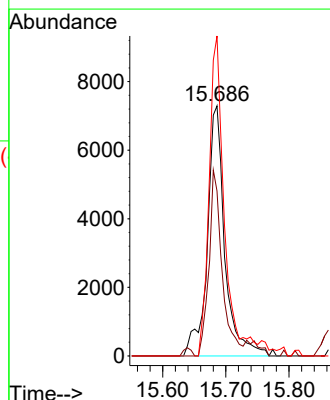
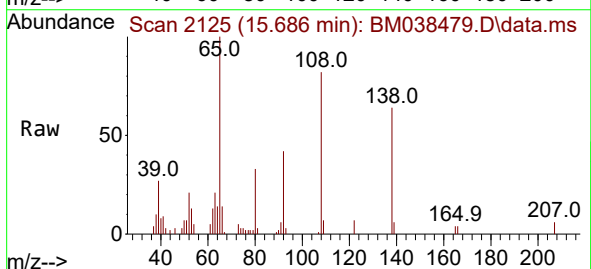
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022

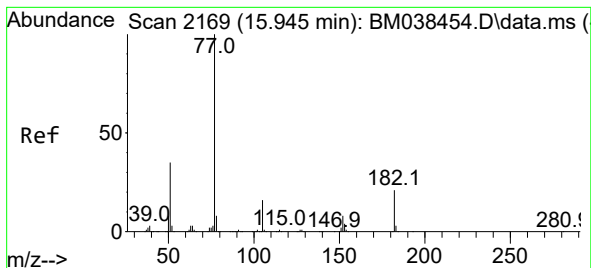
Tgt Ion:204 Resp: 43238
Ion Ratio Lower Upper
204 100
206 32.0 26.2 39.4
141 56.0 42.5 63.7



#62
4-Nitroaniline
Concen: 8.751 ng
RT: 15.686 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

Tgt Ion:138 Resp: 14128
Ion Ratio Lower Upper
138 100
92 65.9 42.1 82.1
108 127.9 102.5 142.5





#63

Azobenzene

Concen: 8.905 ng

RT: 15.939 min Scan# 2169

Delta R.T. 0.000 min

Lab File: BM038479.D

Acq: 18 Jan 2023 14:27

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2022

Tgt Ion: 77 Resp: 96356

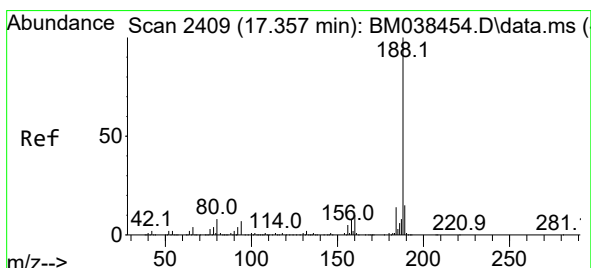
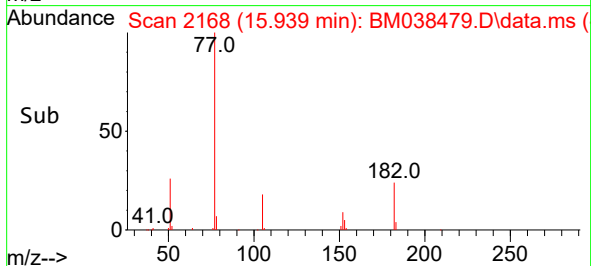
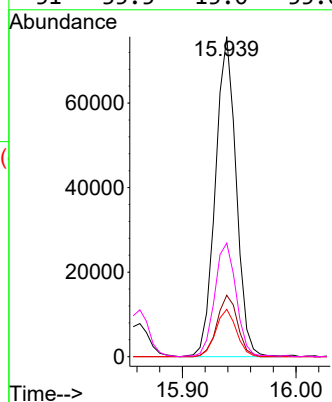
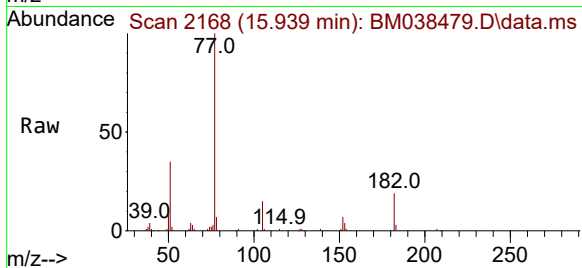
Ion Ratio Lower Upper

77 100

182 19.2 1.1 41.1

105 14.8 0.0 36.4

51 35.5 15.0 55.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.351 min Scan# 2408

Delta R.T. 0.000 min

Lab File: BM038479.D

Acq: 18 Jan 2023 14:27

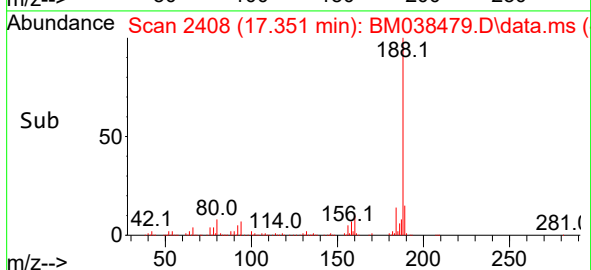
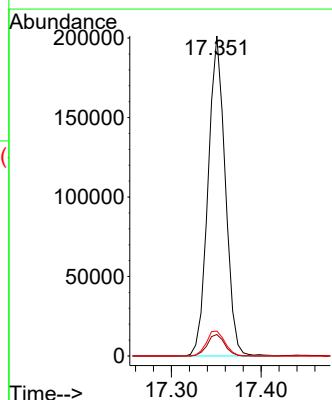
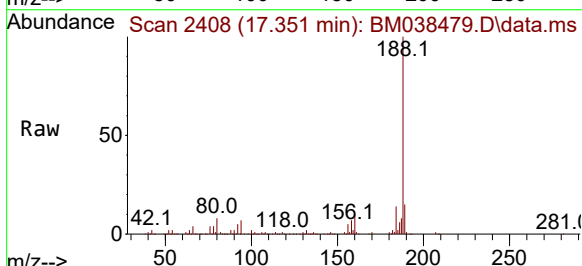
Tgt Ion: 188 Resp: 267455

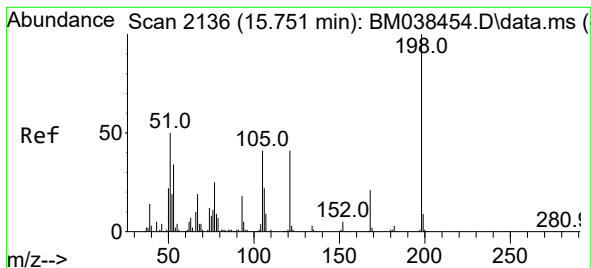
Ion Ratio Lower Upper

188 100

94 6.7 5.4 8.0

80 7.8 6.5 9.7

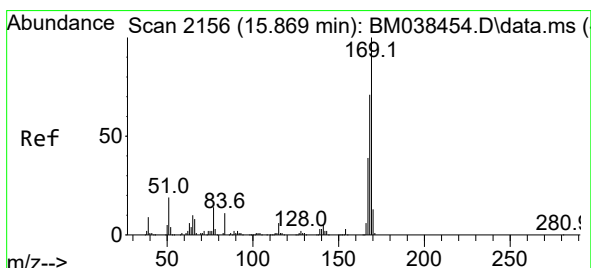
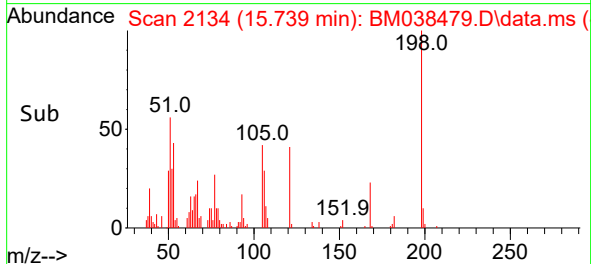
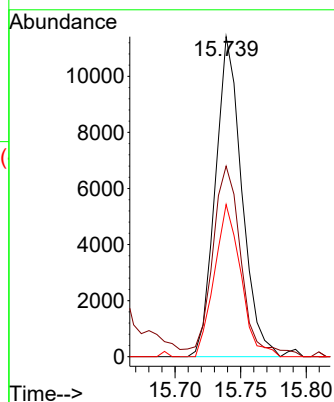
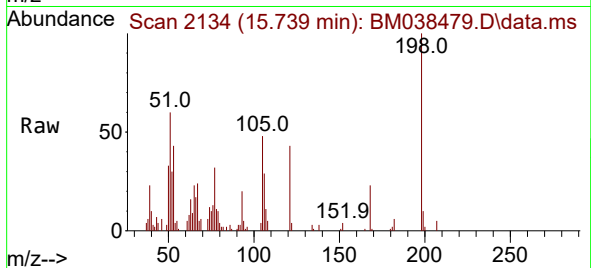




#65
4,6-Dinitro-2-methylphenol
Concen: 8.832 ng
RT: 15.739 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

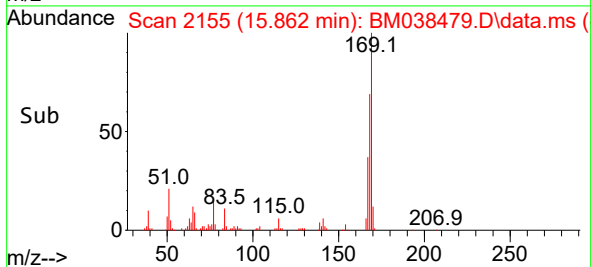
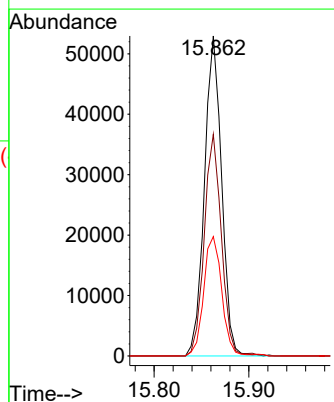
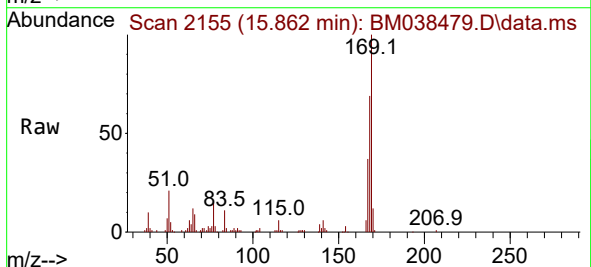
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022

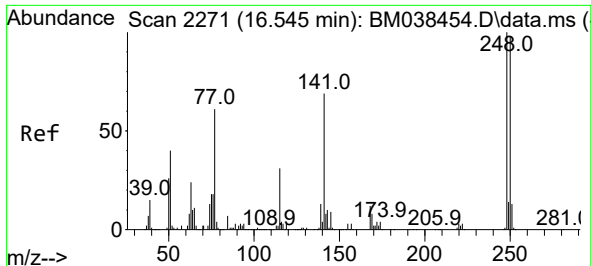
Tgt Ion	Ratio	Lower	Upper
198	100		
51	59.6	31.6	71.6
105	47.5	21.5	61.5



#66
n-Nitrosodiphenylamine
Concen: 8.505 ng
RT: 15.862 min Scan# 2155
Delta R.T. 0.000 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.3	56.6	85.0
167	37.3	31.1	46.7

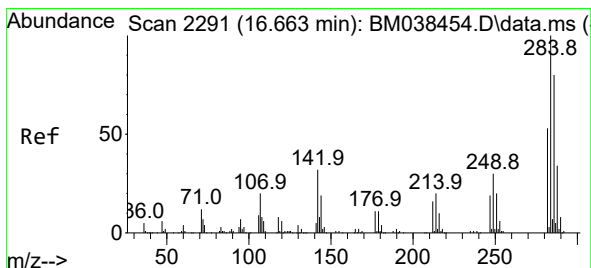
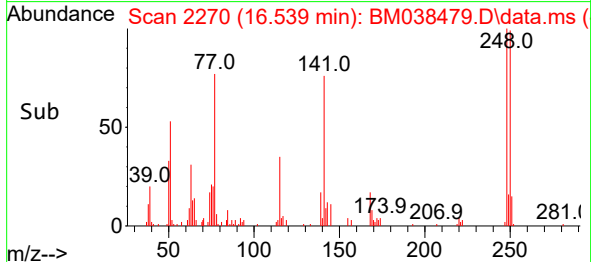
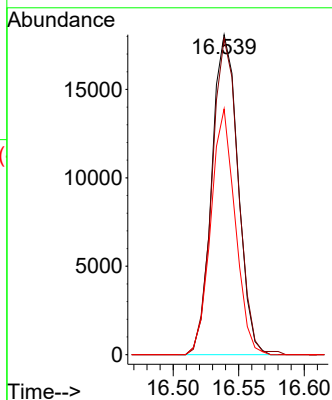
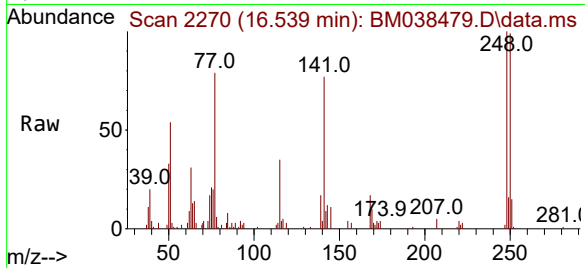




#67
4-Bromophenyl-phenylether
Concen: 8.115 ng
RT: 16.539 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

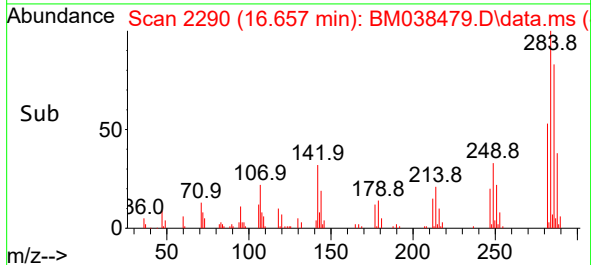
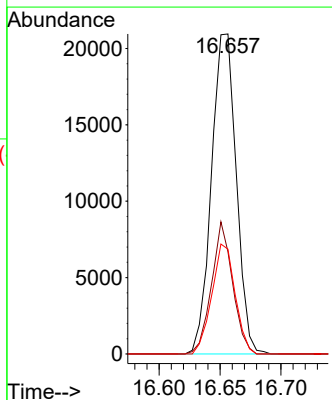
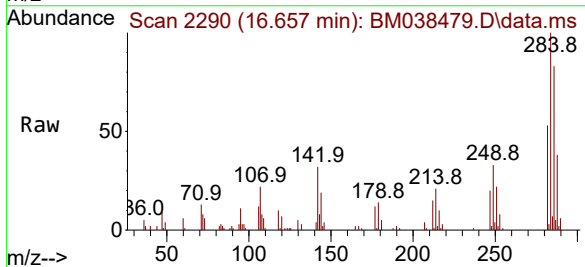
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022

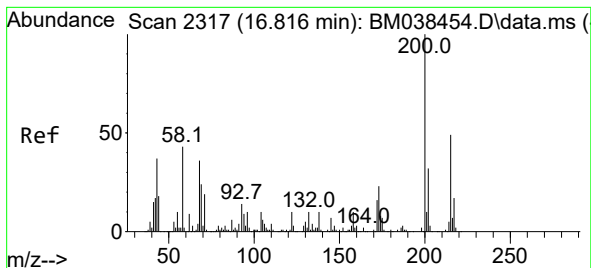
Tgt Ion:248 Resp: 25105
Ion Ratio Lower Upper
248 100
250 98.8 78.3 117.5
141 76.8 55.1 82.7



#68
Hexachlorobenzene
Concen: 8.586 ng
RT: 16.657 min Scan# 2290
Delta R.T. 0.000 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

Tgt Ion:284 Resp: 29743
Ion Ratio Lower Upper
284 100
142 31.9 26.0 39.0
249 32.7 23.8 35.8





#69

Atrazine

Concen: 8.961 ng

RT: 16.809 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM038479.D

Acq: 18 Jan 2023 14:27

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2022

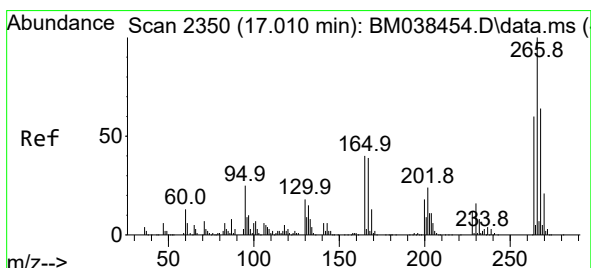
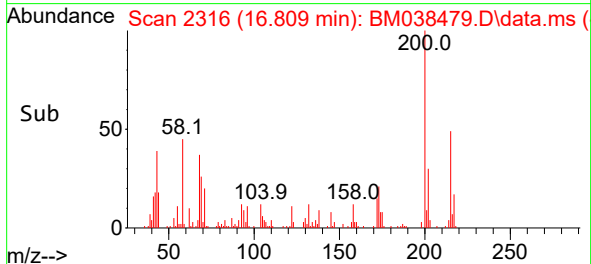
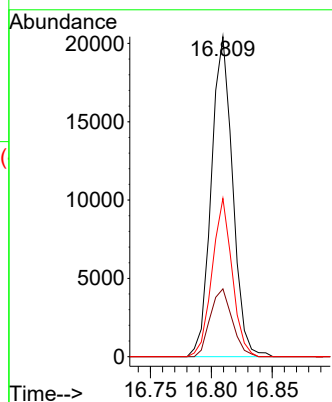
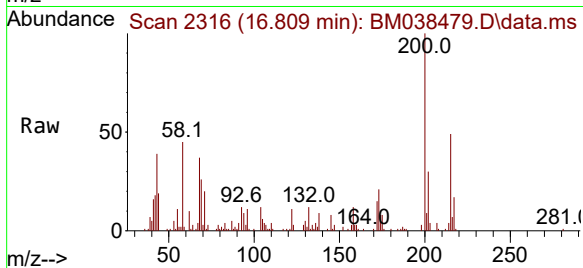
Tgt Ion:200 Resp: 24869

Ion Ratio Lower Upper

200 100

173 21.2 3.4 43.4

215 49.4 29.3 69.3



#70

Pentachlorophenol

Concen: 9.902 ng

RT: 17.004 min Scan# 2349

Delta R.T. 0.006 min

Lab File: BM038479.D

Acq: 18 Jan 2023 14:27

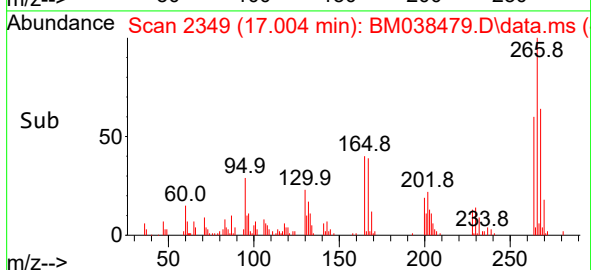
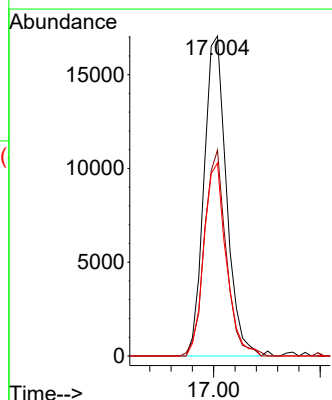
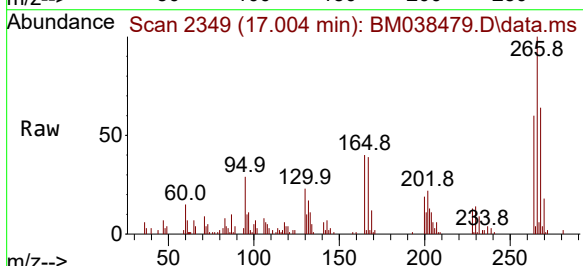
Tgt Ion:266 Resp: 25042

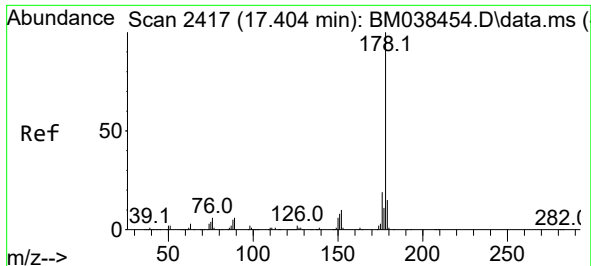
Ion Ratio Lower Upper

266 100

268 64.4 51.4 77.0

264 60.3 48.2 72.2

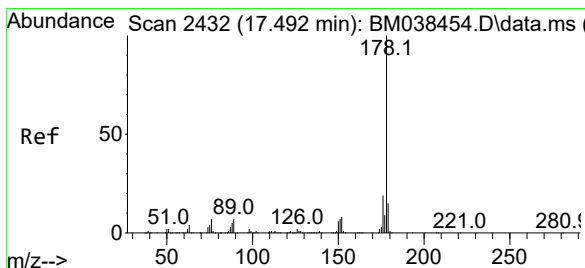
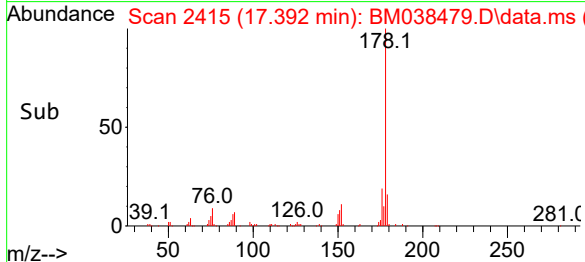
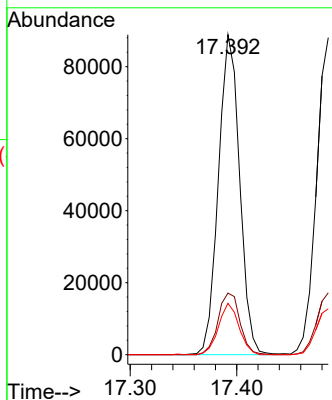
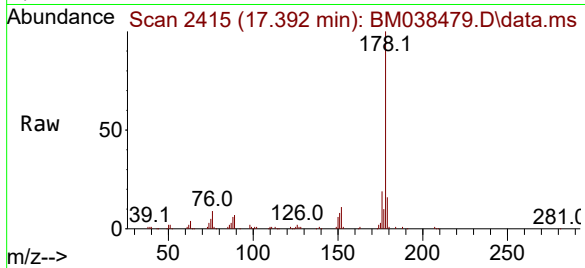




#71
Phenanthrene
Concen: 8.296 ng
RT: 17.392 min Scan# 2415
Delta R.T. 0.000 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

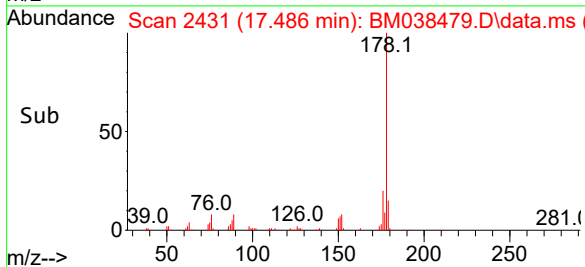
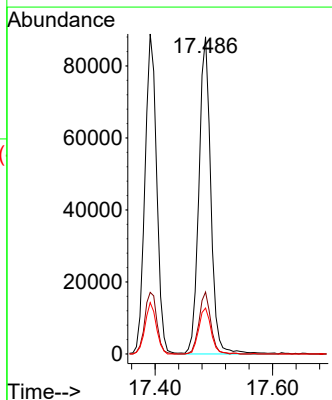
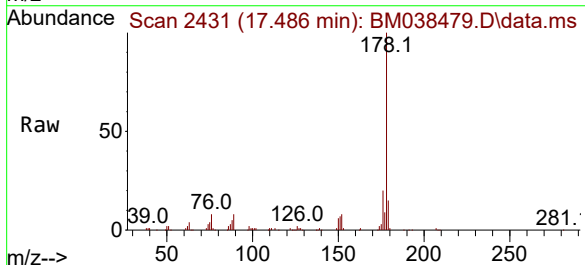
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022

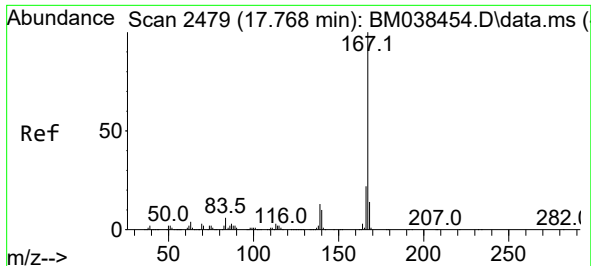
Tgt Ion:178 Resp: 122758
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 16.1 12.1 18.1



#72
Anthracene
Concen: 8.122 ng
RT: 17.486 min Scan# 2431
Delta R.T. 0.000 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

Tgt Ion:178 Resp: 123512
Ion Ratio Lower Upper
178 100
176 19.5 15.0 22.6
179 14.5 12.2 18.2

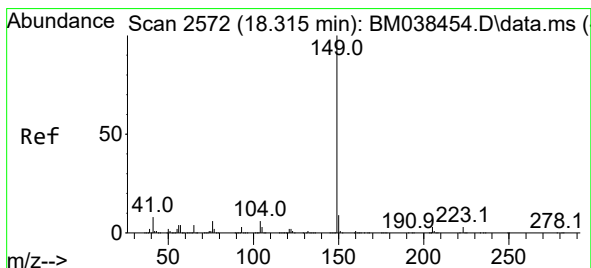
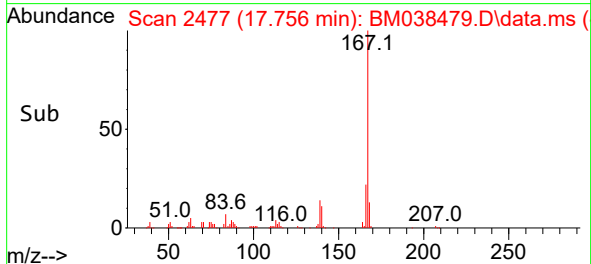
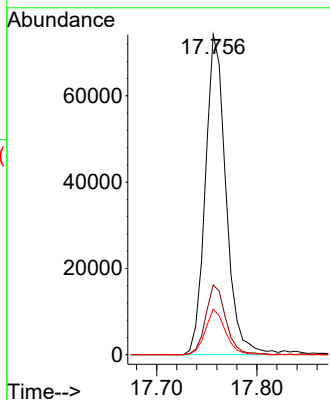
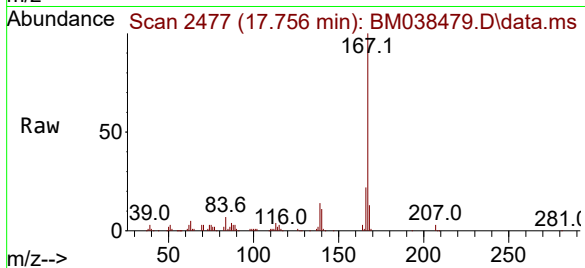




#73
 Carbazole
 Concen: 7.982 ng
 RT: 17.756 min Scan# 2477
 Delta R.T. 0.000 min
 Lab File: BM038479.D
 Acq: 18 Jan 2023 14:27

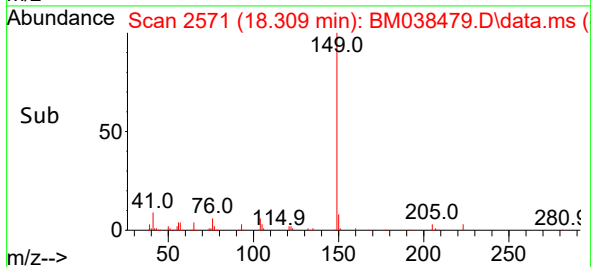
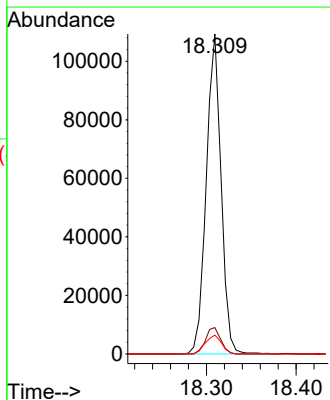
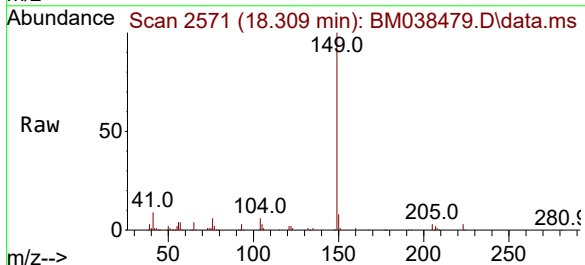
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT3-2022

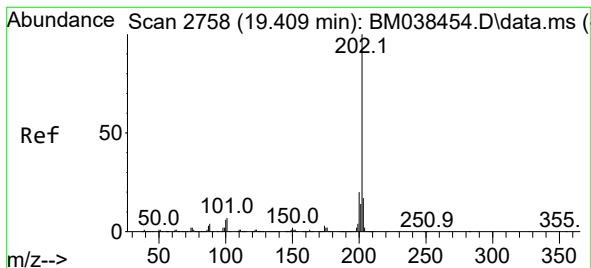
Tgt Ion:167 Resp: 106145
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.4 26.0
 139 14.2 10.1 15.1



#74
 Di-n-butylphthalate
 Concen: 7.924 ng
 RT: 18.309 min Scan# 2571
 Delta R.T. 0.000 min
 Lab File: BM038479.D
 Acq: 18 Jan 2023 14:27

Tgt Ion:149 Resp: 125156
 Ion Ratio Lower Upper
 149 100
 150 8.3 7.4 11.2
 104 5.9 4.7 7.1





#75

Fluoranthene

Concen: 8.132 ng

RT: 19.403 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM038479.D

Acq: 18 Jan 2023 14:27

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2022

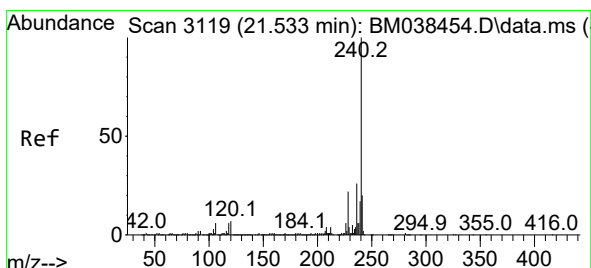
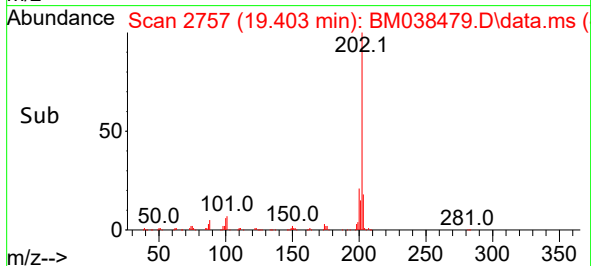
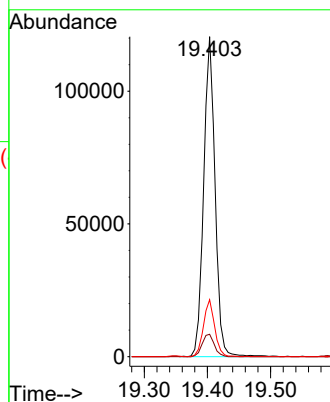
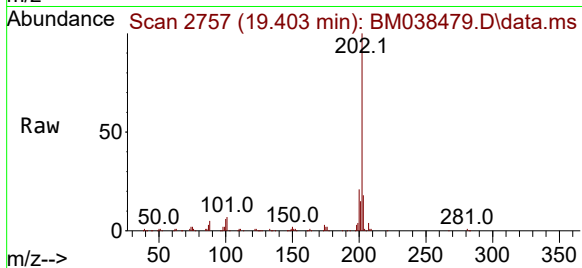
Tgt Ion:202 Resp: 151271

Ion Ratio Lower Upper

202 100

101 7.0 0.0 27.4

203 17.8 0.0 37.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.527 min Scan# 3118

Delta R.T. 0.000 min

Lab File: BM038479.D

Acq: 18 Jan 2023 14:27

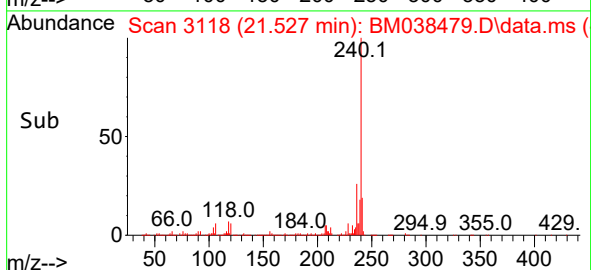
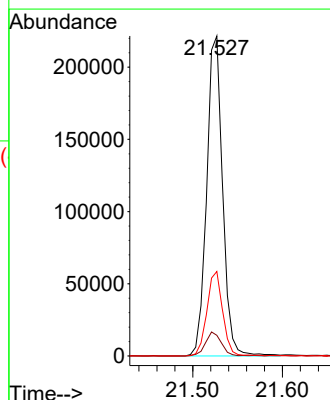
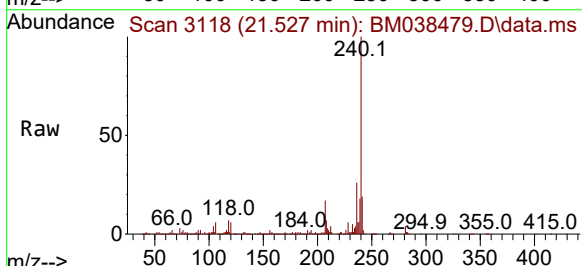
Tgt Ion:240 Resp: 273363

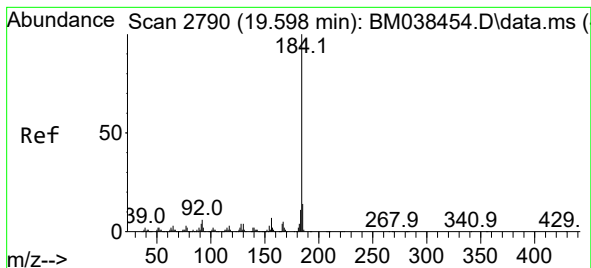
Ion Ratio Lower Upper

240 100

120 6.4 5.6 8.4

236 26.4 21.0 31.4





#77

Benzidine

Concen: 10.997 ng

RT: 19.592 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM038479.D

Acq: 18 Jan 2023 14:27

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2022

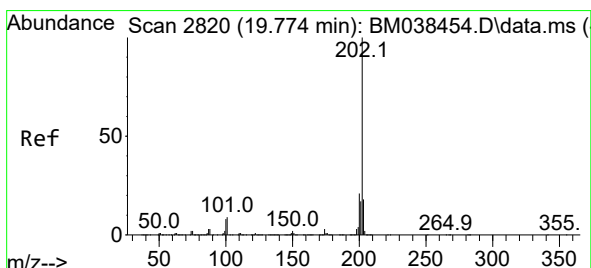
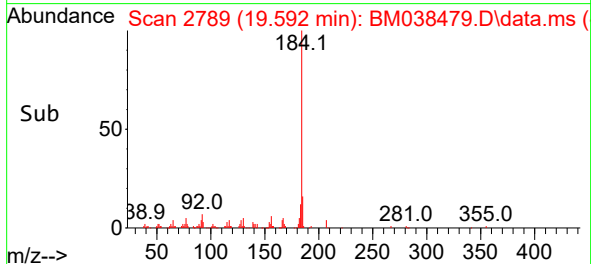
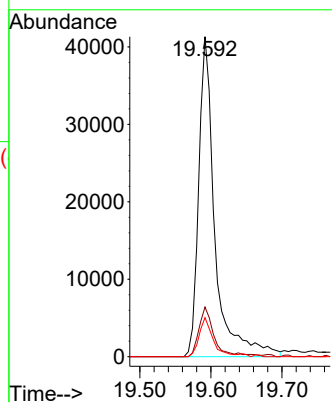
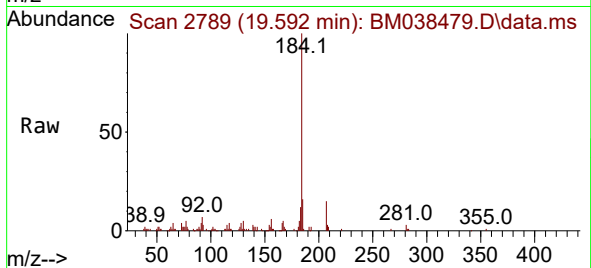
Tgt Ion:184 Resp: 65868

Ion Ratio Lower Upper

184 100

185 15.5 11.1 16.7

183 12.2 8.6 13.0



#78

Pyrene

Concen: 8.591 ng

RT: 19.768 min Scan# 2819

Delta R.T. 0.000 min

Lab File: BM038479.D

Acq: 18 Jan 2023 14:27

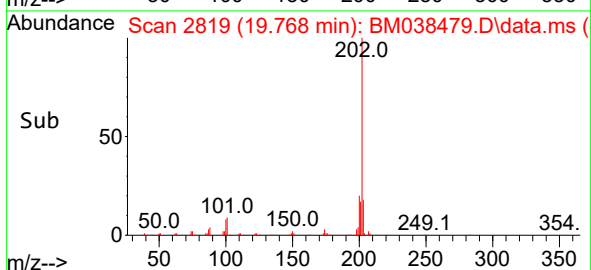
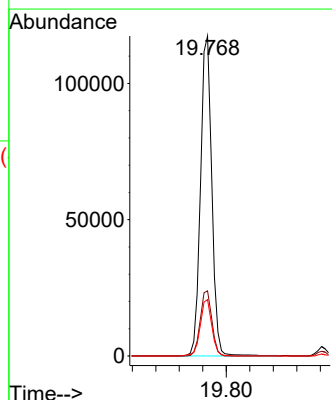
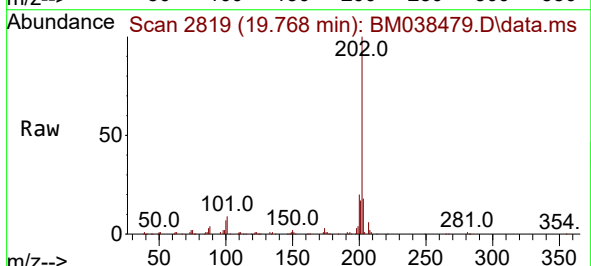
Tgt Ion:202 Resp: 156283

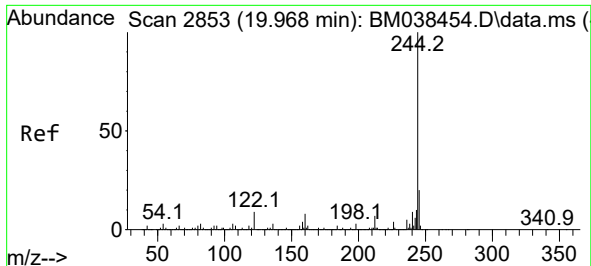
Ion Ratio Lower Upper

202 100

200 20.4 16.9 25.3

203 17.6 14.2 21.2

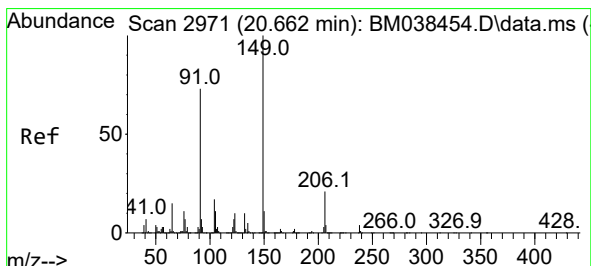
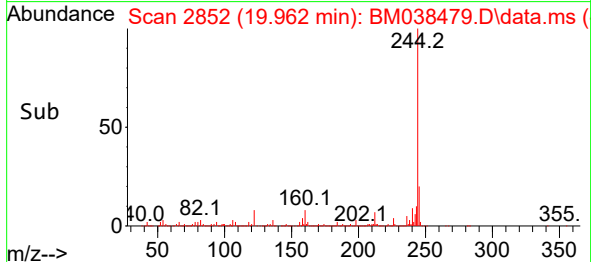
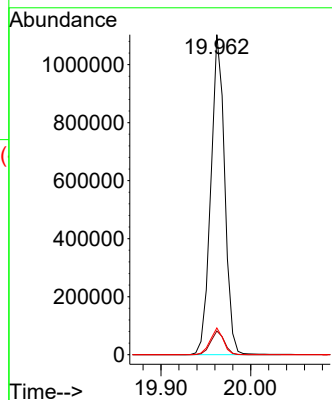
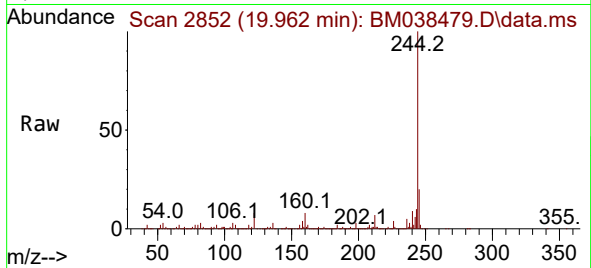




#79
 Terphenyl-d14
 Concen: 80.948 ng
 RT: 19.962 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM038479.D
 Acq: 18 Jan 2023 14:27

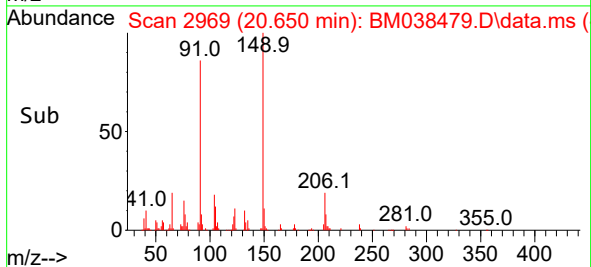
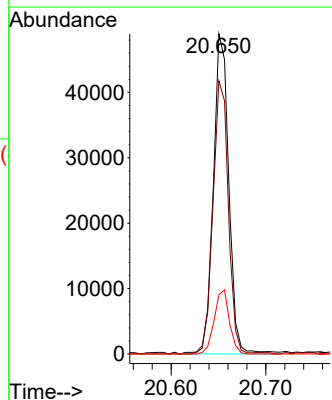
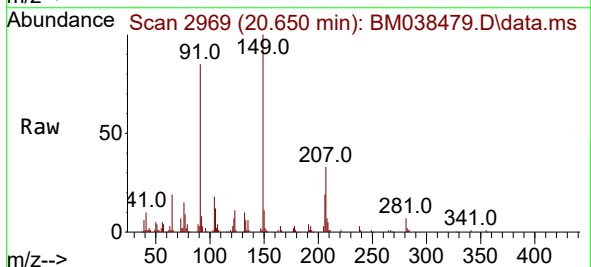
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT3-2022

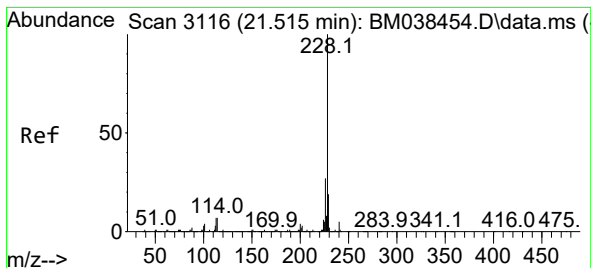
Tgt Ion:244 Resp: 1182044
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.8
 122 8.3 7.1 10.7



#80
 Butylbenzylphthalate
 Concen: 8.343 ng
 RT: 20.650 min Scan# 2969
 Delta R.T. -0.006 min
 Lab File: BM038479.D
 Acq: 18 Jan 2023 14:27

Tgt Ion:149 Resp: 55479
 Ion Ratio Lower Upper
 149 100
 91 85.4 58.3 87.5
 206 18.5 16.7 25.1





#81

Benzo(a)anthracene

Concen: 8.439 ng

RT: 21.509 min Scan# 3115

Delta R.T. 0.000 min

Lab File: BM038479.D

Acq: 18 Jan 2023 14:27

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2022

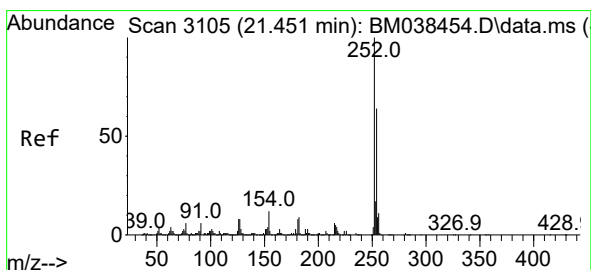
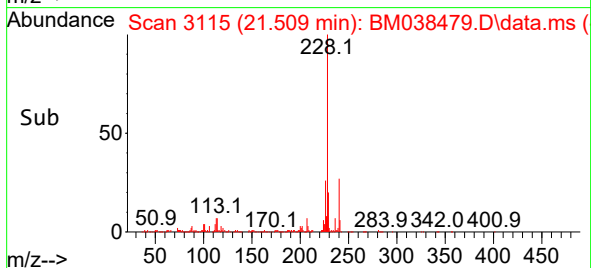
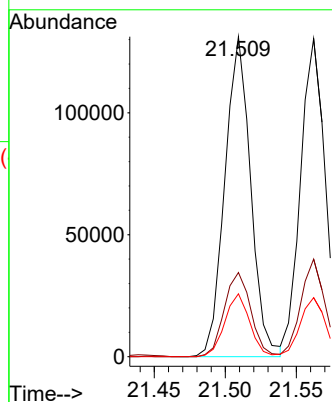
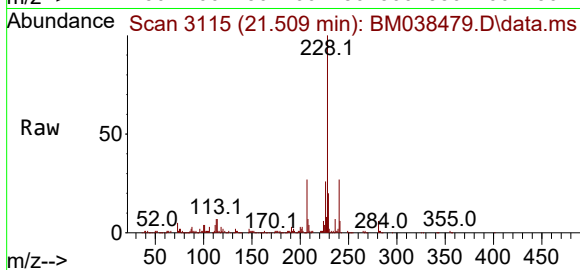
Tgt Ion:228 Resp: 165909

Ion Ratio Lower Upper

228 100

226 26.3 22.0 33.0

229 19.7 15.4 23.0



#82

3,3'-Dichlorobenzidine

Concen: 9.454 ng

RT: 21.444 min Scan# 3104

Delta R.T. 0.000 min

Lab File: BM038479.D

Acq: 18 Jan 2023 14:27

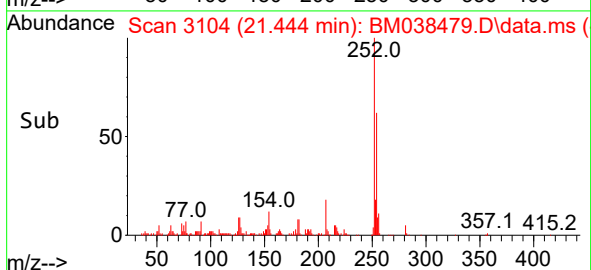
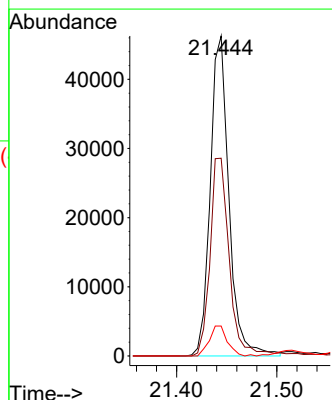
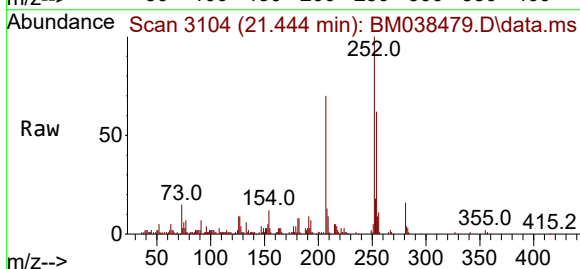
Tgt Ion:252 Resp: 59849

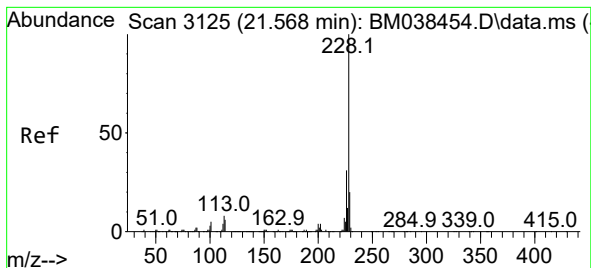
Ion Ratio Lower Upper

252 100

254 61.8 51.2 76.8

126 9.3 6.3 9.5





#83

Chrysene

Concen: 8.452 ng

RT: 21.562 min Scan# 3125

Delta R.T. 0.000 min

Lab File: BM038479.D

Acq: 18 Jan 2023 14:27

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2022

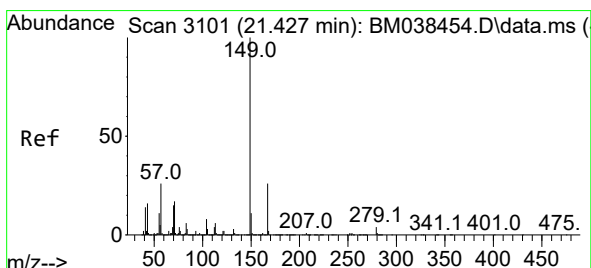
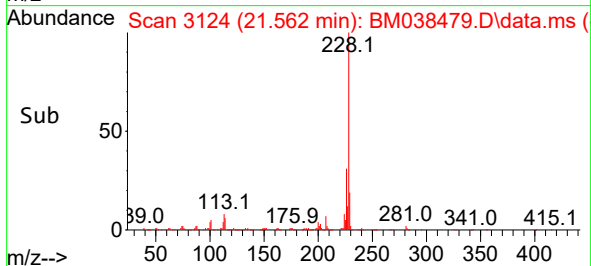
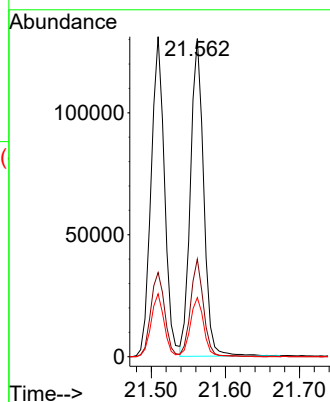
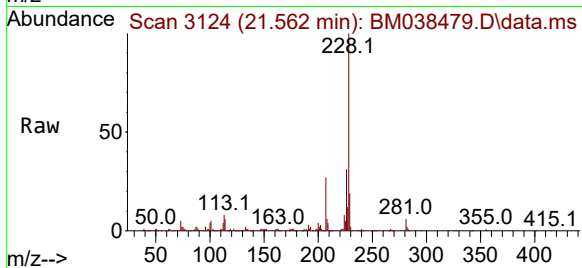
Tgt Ion:228 Resp: 161476

Ion Ratio Lower Upper

228 100

226 30.7 24.6 36.8

229 18.6 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 8.291 ng

RT: 21.421 min Scan# 3100

Delta R.T. 0.000 min

Lab File: BM038479.D

Acq: 18 Jan 2023 14:27

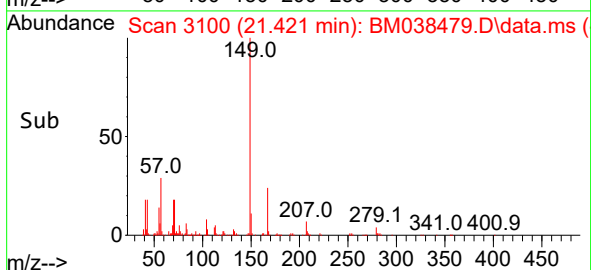
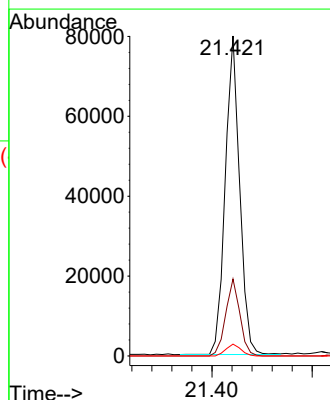
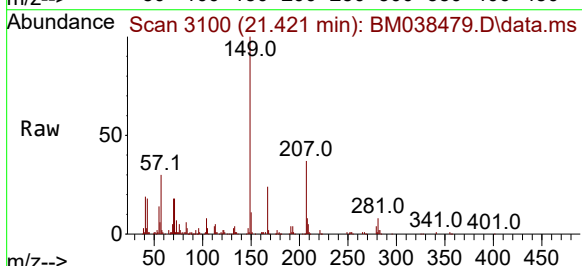
Tgt Ion:149 Resp: 79260

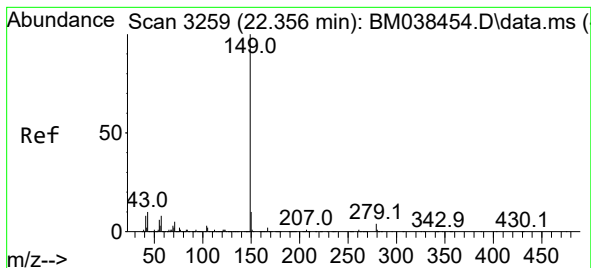
Ion Ratio Lower Upper

149 100

167 24.0 21.0 31.4

279 3.7 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 8.133 ng

RT: 22.350 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM038479.D

Acq: 18 Jan 2023 14:27

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2022

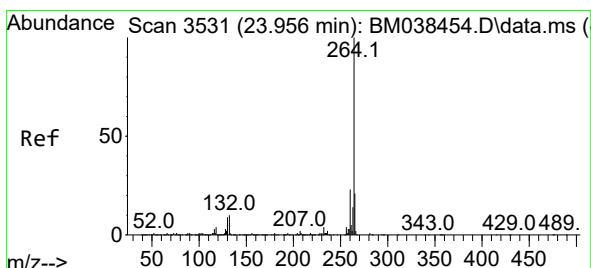
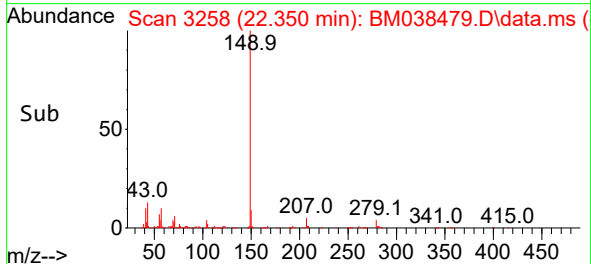
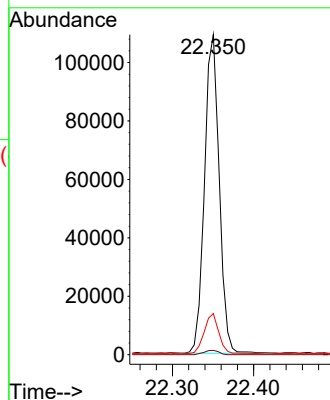
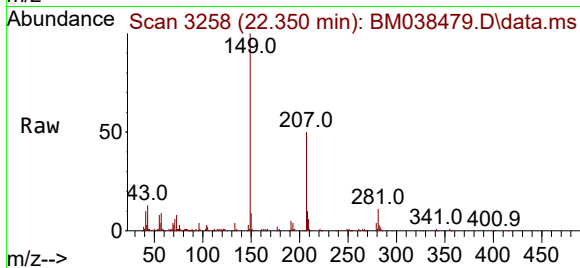
Tgt Ion:149 Resp: 136799

Ion Ratio Lower Upper

149 100

167 1.4 1.3 1.9

43 12.8 8.4 12.6#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.944 min Scan# 3529

Delta R.T. 0.006 min

Lab File: BM038479.D

Acq: 18 Jan 2023 14:27

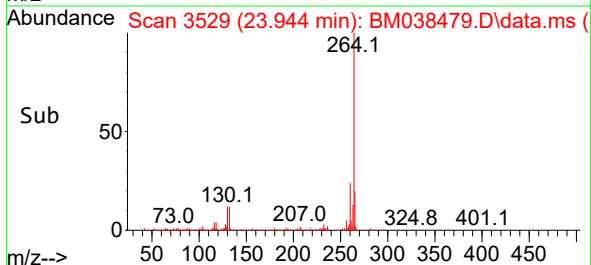
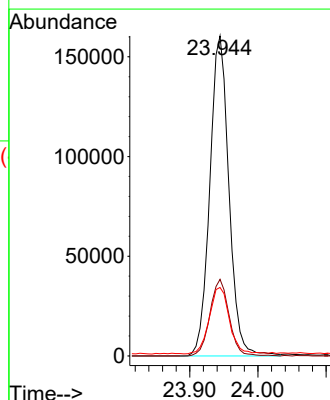
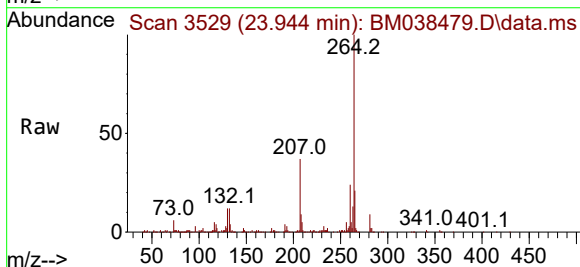
Tgt Ion:264 Resp: 313634

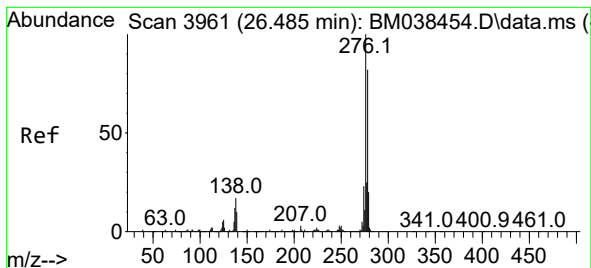
Ion Ratio Lower Upper

264 100

260 24.0 18.2 27.4

265 21.4 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 7.769 ng

RT: 26.462 min Scan# 3957

Delta R.T. -0.006 min

Lab File: BM038479.D

Acq: 18 Jan 2023 14:27

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2022

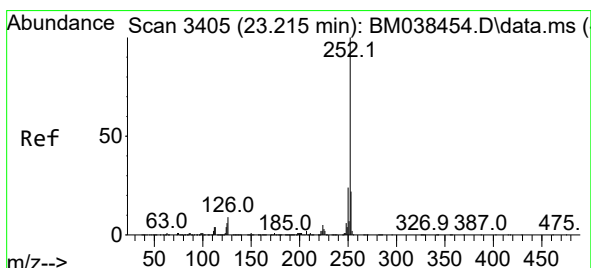
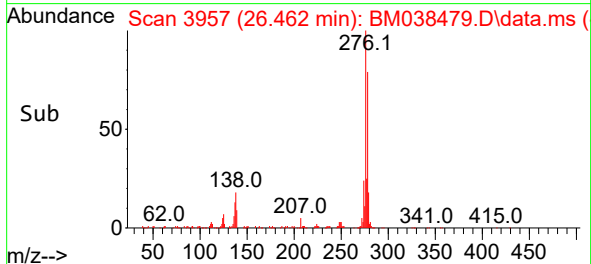
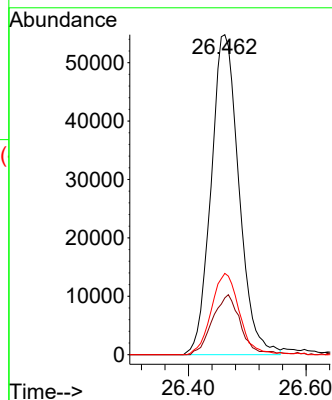
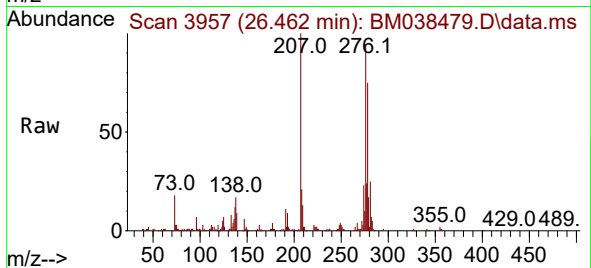
Tgt Ion:276 Resp: 180326

Ion Ratio Lower Upper

276 100

138 18.9 13.4 20.2

277 25.4 19.8 29.8



#88

Benzo(b)fluoranthene

Concen: 8.531 ng

RT: 23.250 min Scan# 3411

Delta R.T. 0.047 min

Lab File: BM038479.D

Acq: 18 Jan 2023 14:27

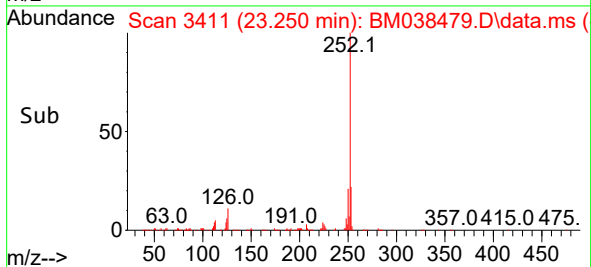
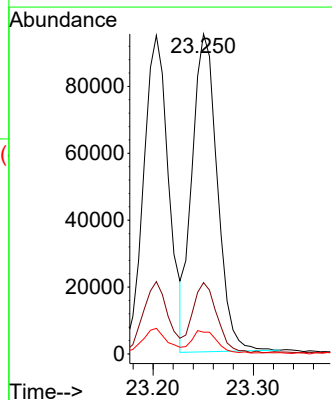
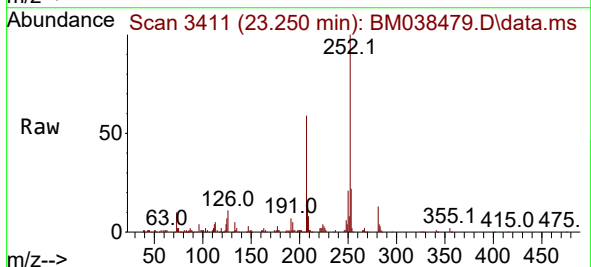
Tgt Ion:252 Resp: 165902

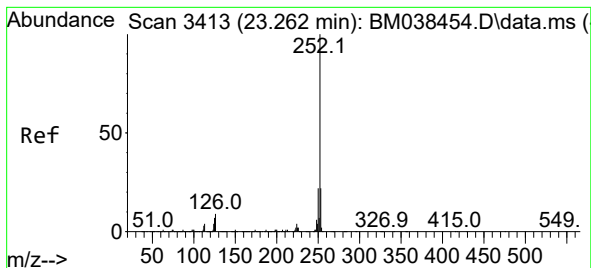
Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

125 6.8 5.1 7.7





#89

Benzo(k)fluoranthene

Concen: 8.249 ng

RT: 23.250 min Scan# 3413

Delta R.T. -0.006 min

Lab File: BM038479.D

Acq: 18 Jan 2023 14:27

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2022

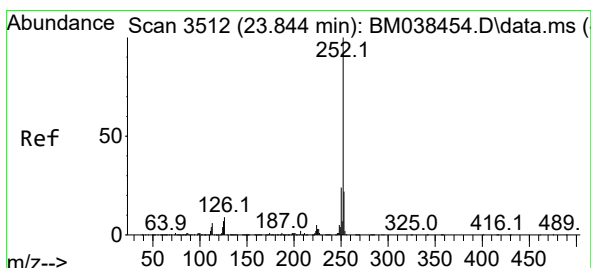
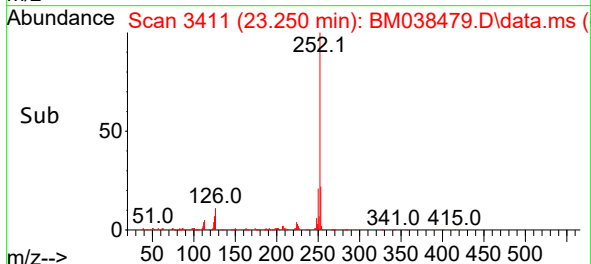
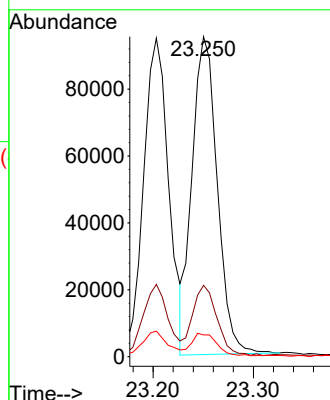
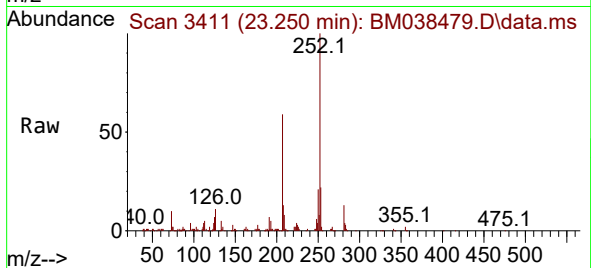
Tgt Ion:252 Resp: 165902

Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

125 6.8 5.5 8.3



#90

Benzo(a)pyrene

Concen: 7.695 ng

RT: 23.833 min Scan# 3510

Delta R.T. -0.006 min

Lab File: BM038479.D

Acq: 18 Jan 2023 14:27

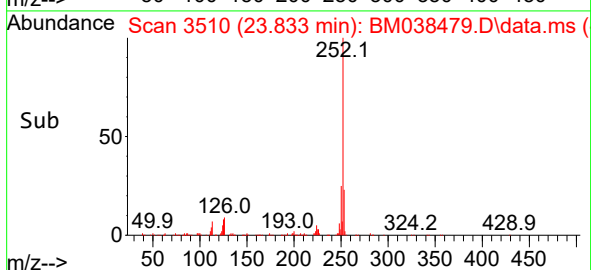
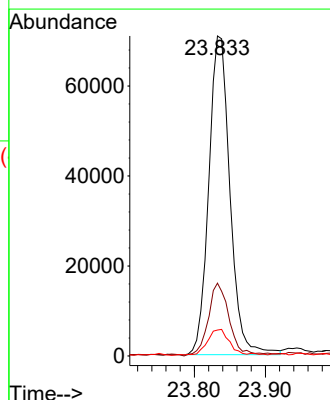
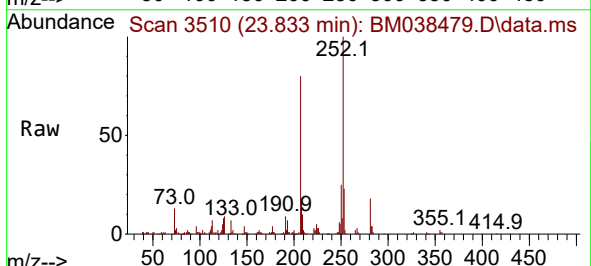
Tgt Ion:252 Resp: 146862

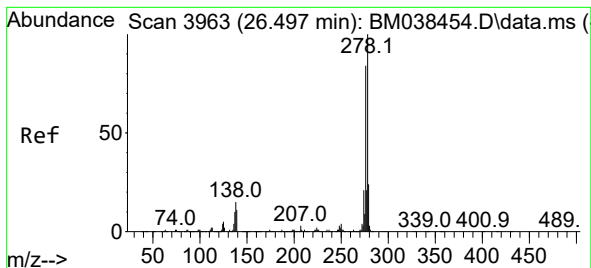
Ion Ratio Lower Upper

252 100

253 22.7 17.6 26.4

125 8.1 5.8 8.8





#91

Dibenzo(a,h)anthracene

Concen: 8.113 ng

RT: 26.474 min Scan# 3963

Delta R.T. -0.006 min

Lab File: BM038479.D

Acq: 18 Jan 2023 14:27

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2022

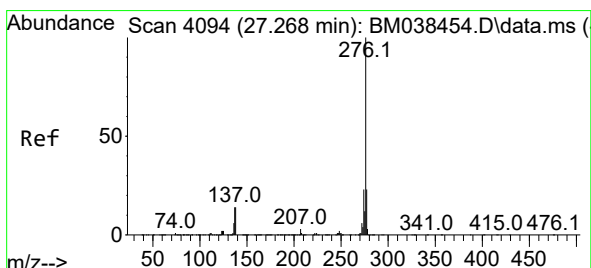
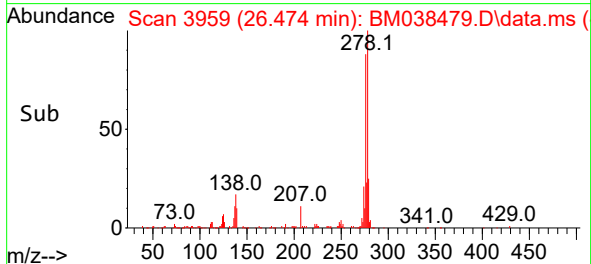
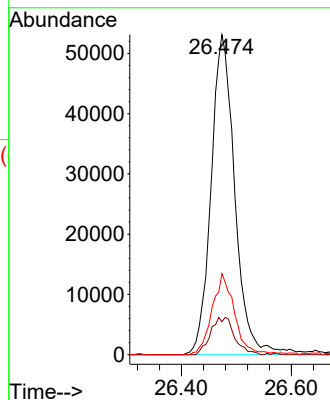
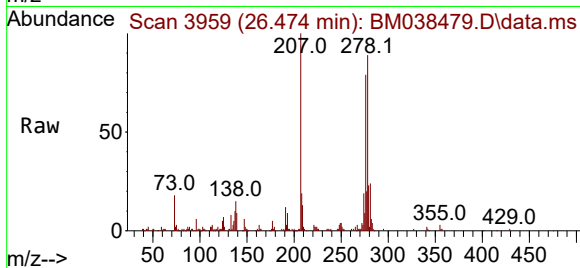
Tgt Ion:278 Resp: 158017

Ion Ratio Lower Upper

278 100

139 10.3 8.4 12.6

279 25.3 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 8.309 ng

RT: 27.238 min Scan# 4089

Delta R.T. -0.012 min

Lab File: BM038479.D

Acq: 18 Jan 2023 14:27

Tgt Ion:276 Resp: 160563

Ion Ratio Lower Upper

276 100

277 24.9 18.6 27.8

138 13.5 11.3 16.9

