

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011823\
 Data File : BM038478.D
 Acq On : 18 Jan 2023 13:50
 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 06:12:46 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	46349	20.000	ng	0.00
21) Naphthalene-d8	10.786	136	163104	20.000	ng	0.00
39) Acenaphthene-d10	14.610	164	98454	20.000	ng	0.00
64) Phenanthrene-d10	17.351	188	222712	20.000	ng	0.00
76) Chrysene-d12	21.527	240	239576	20.000	ng	0.00
86) Perylene-d12	23.944	264	290290	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	347234	114.278	ng	0.00
7) Phenol-d6	7.140	99	424175	108.979	ng	0.00
23) Nitrobenzene-d5	9.145	82	310574	77.585	ng	0.00
42) 2,4,6-Tribromophenol	16.098	330	174865	105.064	ng	0.00
45) 2-Fluorobiphenyl	13.233	172	573661	72.665	ng	0.00
79) Terphenyl-d14	19.962	244	1008338	78.791	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.381	88	15218	10.960	ng	97
3) Pyridine	3.805	79	28203	7.021	ng	95
4) n-Nitrosodimethylamine	3.710	42	21984	9.250	ng	97
6) Aniline	7.298	93	42337	8.612	ng	99
8) 2-Chlorophenol	7.534	128	28102	9.341	ng	94
9) Benzaldehyde	7.116	77	31913	12.261	ng	99
10) Phenol	7.163	94	37119	9.152	ng	85
11) bis(2-Chloroethyl)ether	7.398	93	30152	9.173	ng	96
12) 1,3-Dichlorobenzene	7.857	146	31030	9.628	ng	96
13) 1,4-Dichlorobenzene	8.010	146	31721	9.784	ng	99
14) 1,2-Dichlorobenzene	8.328	146	29935	9.443	ng	98
15) Benzyl Alcohol	8.222	79	26617	8.538	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.510	45	44548	9.721	ng	94
17) 2-Methylphenol	8.422	107	22681	8.279	ng	97
18) Hexachloroethane	9.051	117	12715	9.574	ng	93
19) n-Nitroso-di-n-propyla...	8.787	70	25508	9.028	ng	95
20) 3+4-Methylphenols	8.751	107	30406	8.267	ng	95
22) Acetophenone	8.804	105	45234	9.382	ng	91
24) Nitrobenzene	9.187	77	41828	9.890	ng	97
25) Isophorone	9.710	82	60933	8.594	ng	97
26) 2-Nitrophenol	9.904	139	12170	8.196	ng	93
27) 2,4-Dimethylphenol	9.957	122	20973	8.295	ng	89
28) bis(2-Chloroethoxy)met...	10.198	93	36211	9.081	ng	94
29) 2,4-Dichlorophenol	10.434	162	22949	8.216	ng	98
30) 1,2,4-Trichlorobenzene	10.645	180	27867	8.627	ng	96
31) Naphthalene	10.834	128	78421	9.072	ng	98
32) Benzoic acid	10.039	122	9886	9.308	ng	97
33) 4-Chloroaniline	10.957	127	30716	8.096	ng	96
34) Hexachlorobutadiene	11.110	225	19879	8.776	ng	94
35) Caprolactam	11.733	113	5229	6.623	ng	# 93
36) 4-Chloro-3-methylphenol	12.069	107	24829	8.152	ng	94
37) 2-Methylnaphthalene	12.439	142	49387	7.814	ng	96
38) 1-Methylnaphthalene	12.657	142	48022	8.093	ng	97
40) 1,2,4,5-Tetrachloroben...	12.804	216	31825	8.637	ng	96
41) Hexachlorocyclopentadiene	12.775	237	18587	8.871	ng	98
43) 2,4,6-Trichlorophenol	13.051	196	19006	8.159	ng	91

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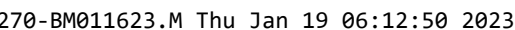
Instrument :
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 ClientSampleId :
 LOQ-WATER-02-QT3-2022

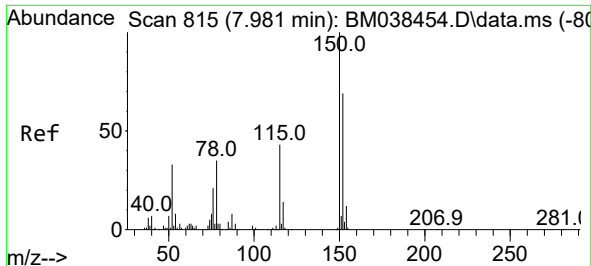
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.122	196	21100	7.683	ng	95
46) 1,1'-Biphenyl	13.445	154	70583	9.241	ng	99
47) 2-Chloronaphthalene	13.492	162	54674	9.094	ng	97
48) 2-Nitroaniline	13.704	65	17577	9.340	ng	93
49) Acenaphthylene	14.333	152	79058	8.341	ng	99
50) Dimethylphthalate	14.069	163	65831	8.250	ng	# 98
51) 2,6-Dinitrotoluene	14.192	165	12815	7.895	ng	90
52) Acenaphthene	14.674	154	48192	8.367	ng	96
53) 3-Nitroaniline	14.527	138	11359	8.655	ng	91
54) 2,4-Dinitrophenol	14.733	184	6941	10.388	ng	98
55) Dibenzofuran	15.004	168	82543	8.417	ng	98
56) 4-Nitrophenol	14.833	139	9110	9.760	ng	88
57) 2,4-Dinitrotoluene	14.980	165	16690	7.396	ng	94
58) Fluorene	15.657	166	64825	7.911	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.233	232	18388	7.551	ng	99
60) Diethylphthalate	15.421	149	65903	8.051	ng	100
61) 4-Chlorophenyl-phenyle...	15.645	204	35279	7.844	ng	97
62) 4-Nitroaniline	15.680	138	11383	8.564	ng	95
63) Azobenzene	15.939	77	79088	8.781	ng	98
65) 4,6-Dinitro-2-methylph...	15.739	198	10220	6.762	ng	92
66) n-Nitrosodiphenylamine	15.863	169	55075	8.428	ng	98
67) 4-Bromophenyl-phenylether	16.539	248	20856	8.096	ng	97
68) Hexachlorobenzene	16.651	284	24527	8.502	ng	# 91
69) Atrazine	16.810	200	19830	8.581	ng	99
70) Pentachlorophenol	17.004	266	13832	6.568	ng	94
71) Phenanthrene	17.392	178	104413	8.474	ng	99
72) Anthracene	17.486	178	102182	8.069	ng	99
73) Carbazole	17.757	167	89756	8.105	ng	99
74) Di-n-butylphthalate	18.309	149	106671	8.111	ng	99
75) Fluoranthene	19.404	202	119152	7.692	ng	98
77) Benzidine	19.592	184	54790	10.437	ng	98
78) Pyrene	19.768	202	130181	8.165	ng	98
80) Butylbenzylphthalate	20.651	149	48352	8.297	ng	89
81) Benzo(a)anthracene	21.509	228	145631	8.452	ng	98
82) 3,3'-Dichlorobenzidine	21.445	252	51862	9.347	ng	94
83) Chrysene	21.562	228	138798	8.289	ng	99
84) Bis(2-ethylhexyl)phtha...	21.421	149	69315	8.274	ng	96
85) Di-n-octyl phthalate	22.350	149	125944	8.544	ng	96
87) Indeno(1,2,3-cd)pyrene	26.462	276	171618	7.988	ng	97
88) Benzo(b)fluoranthene	23.203	252	152537	8.474	ng	99
89) Benzo(k)fluoranthene	23.250	252	159371	8.562	ng	99
90) Benzo(a)pyrene	23.839	252	134960	7.640	ng	# 96
91) Dibenzo(a,h)anthracene	26.474	278	150305	8.337	ng	97
92) Benzo(g,h,i)perylene	27.244	276	155202	8.677	ng	97

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

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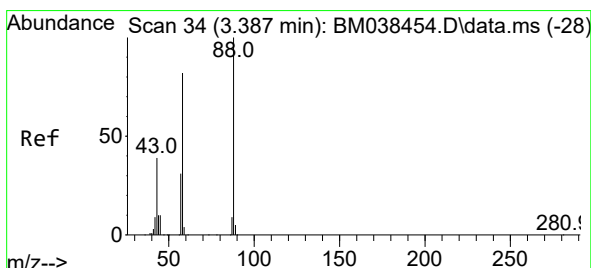
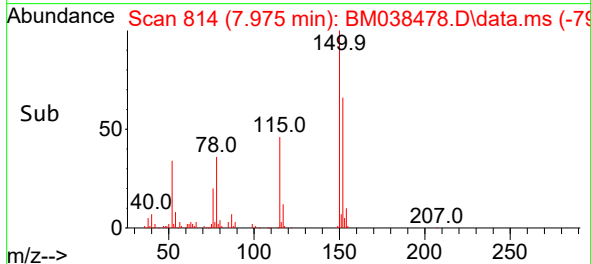
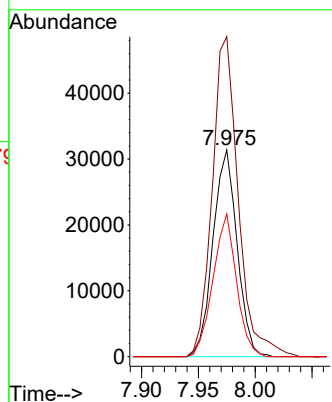
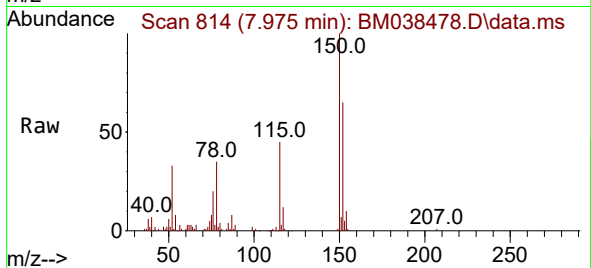




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.975 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

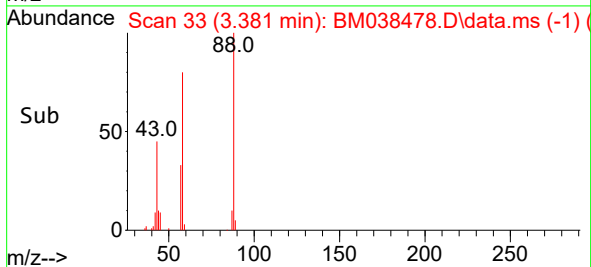
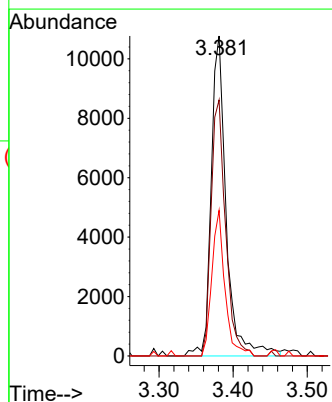
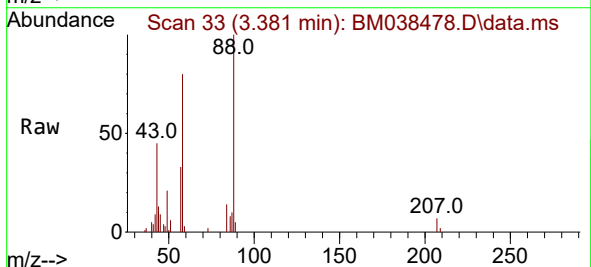
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022

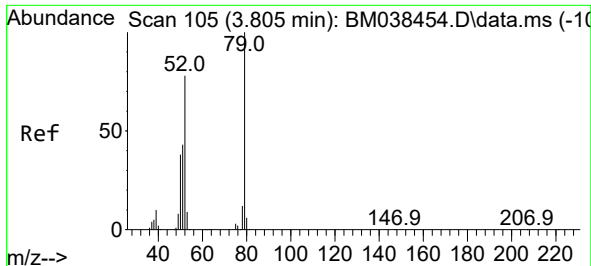
Tgt Ion:152 Resp: 46349
Ion Ratio Lower Upper
152 100
150 154.8 116.0 174.0
115 69.2 49.4 74.2



#2
1,4-Dioxane
Concen: 10.960 ng
RT: 3.381 min Scan# 33
Delta R.T. 0.000 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

Tgt Ion: 88 Resp: 15218
Ion Ratio Lower Upper
88 100
58 76.7 64.3 96.5
43 39.5 32.3 48.5

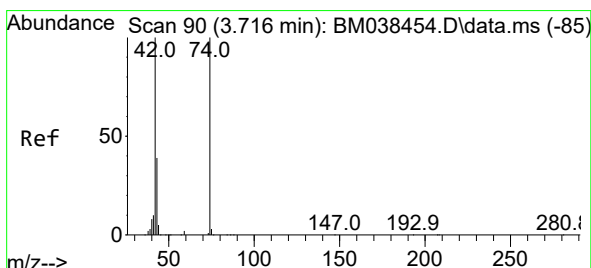
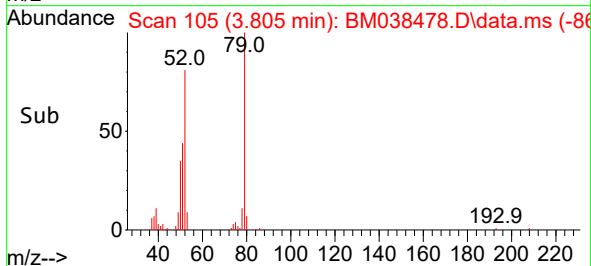
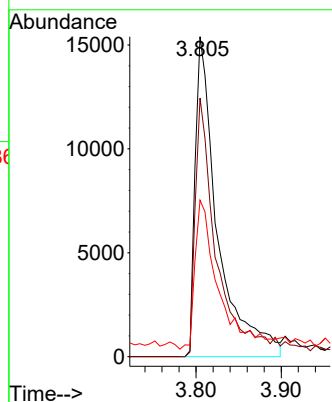
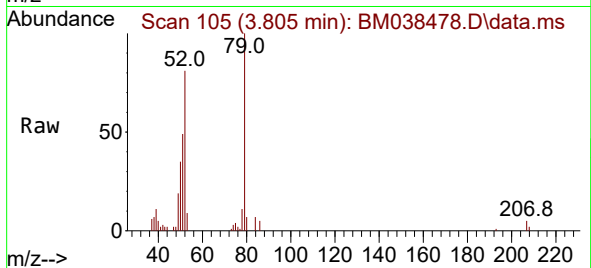




#3
Pyridine
Concen: 7.021 ng
RT: 3.805 min Scan# 105
Delta R.T. 0.012 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

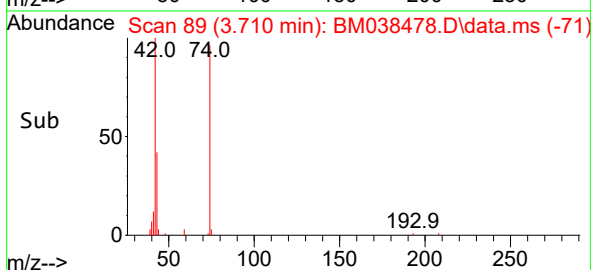
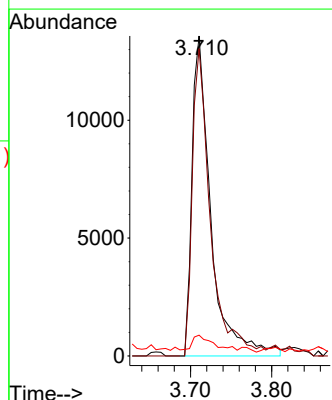
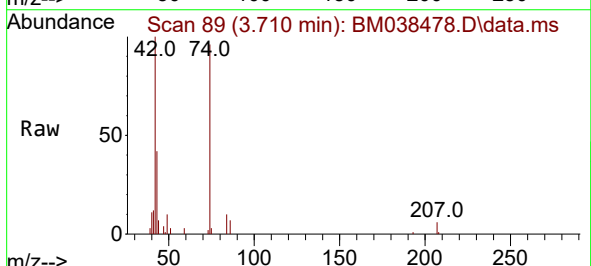
Instrument : BNA_M
ClientSampleId : LOQ-WATER-02-QT3-2022

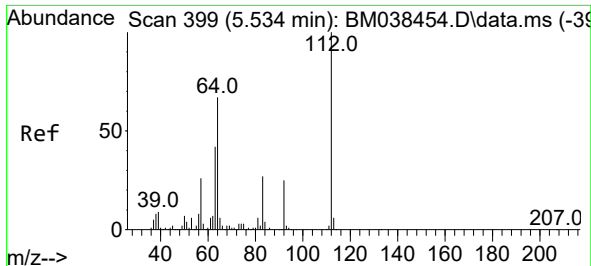
Tgt Ion: 79	Resp: 28203
Ion Ratio	Lower Upper
79 100	
52 80.8	62.2 93.2
51 48.9	34.8 52.2



#4
n-Nitrosodimethylamine
Concen: 9.250 ng
RT: 3.710 min Scan# 89
Delta R.T. 0.006 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

Tgt Ion: 42	Resp: 21984
Ion Ratio	Lower Upper
42 100	
74 96.0	79.7 119.5
44 6.5	4.7 7.1

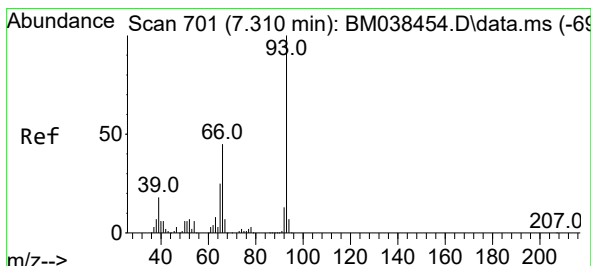
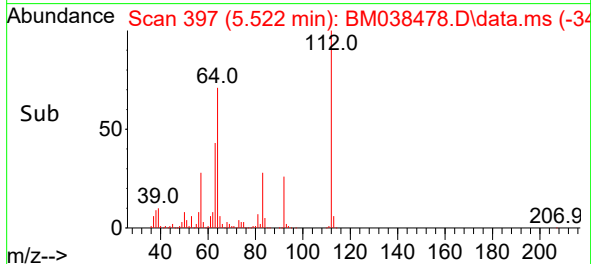
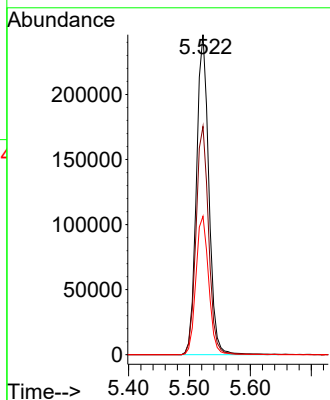
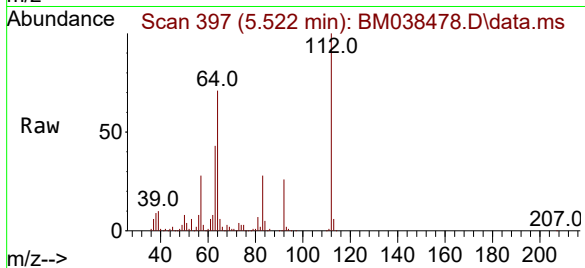




#5
2-Fluorophenol
Concen: 114.278 ng
RT: 5.522 min Scan# 399
Delta R.T. 0.000 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

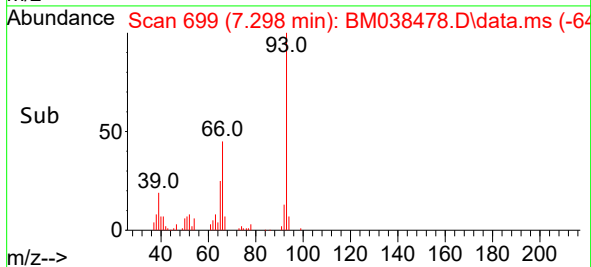
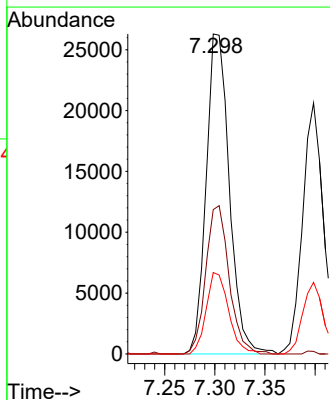
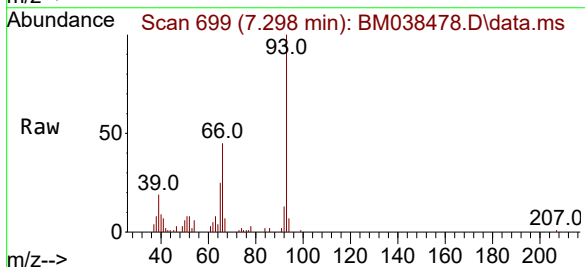
Instrument :
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ClientSampleId :
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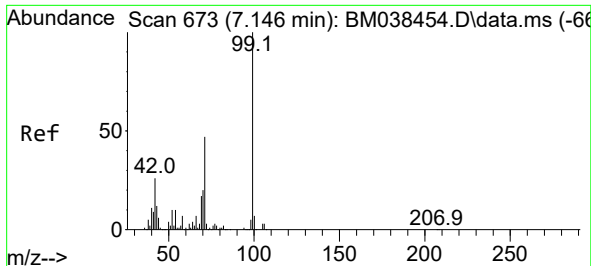
Tgt Ion:112 Resp: 347234
Ion Ratio Lower Upper
112 100
64 71.4 53.7 80.5
63 43.3 33.7 50.5



#6
Aniline
Concen: 8.612 ng
RT: 7.298 min Scan# 699
Delta R.T. -0.006 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

Tgt Ion: 93 Resp: 42337
Ion Ratio Lower Upper
93 100
66 45.1 36.2 54.2
65 25.4 19.8 29.8

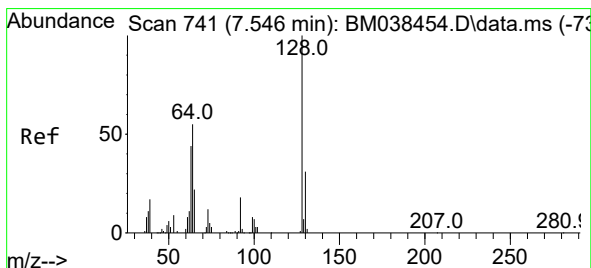
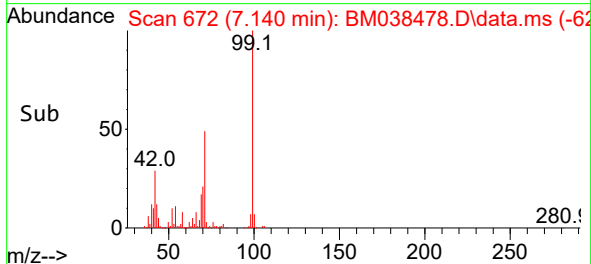
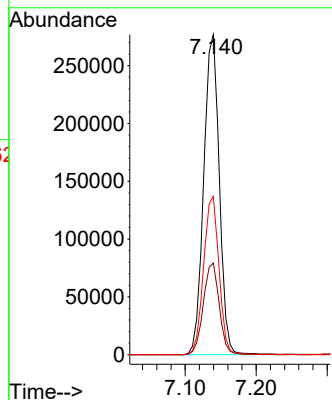
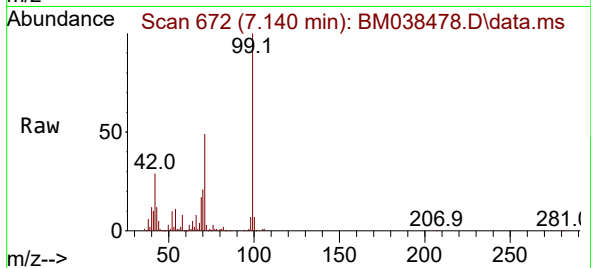




#7
Phenol-d6
Concen: 108.979 ng
RT: 7.140 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

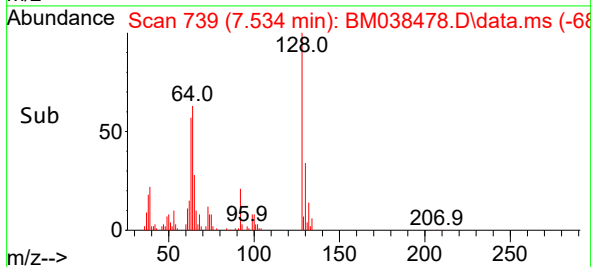
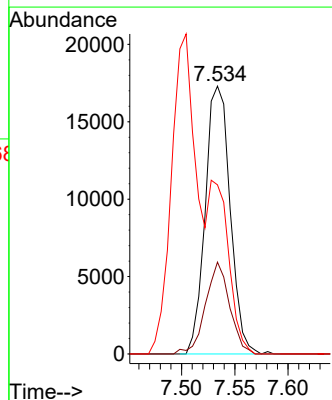
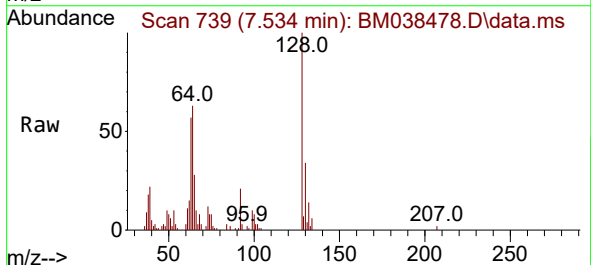
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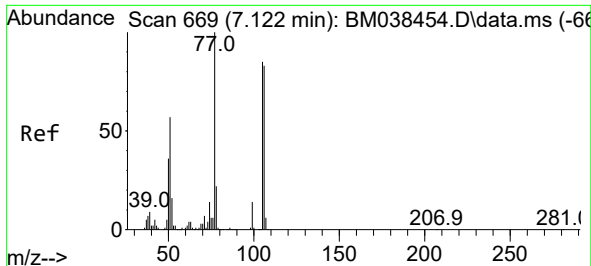
Tgt Ion: 99 Resp: 424175
Ion Ratio Lower Upper
99 100
42 28.7 20.8 31.2
71 49.4 37.8 56.8



#8
2-Chlorophenol
Concen: 9.341 ng
RT: 7.534 min Scan# 739
Delta R.T. 0.000 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

Tgt Ion: 128 Resp: 28102
Ion Ratio Lower Upper
128 100
130 34.3 11.5 51.5
64 63.2 38.0 78.0

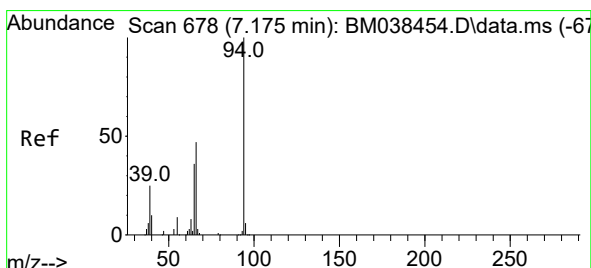
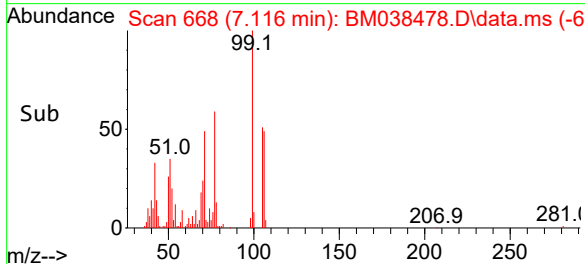
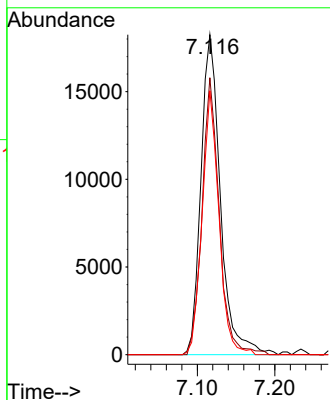
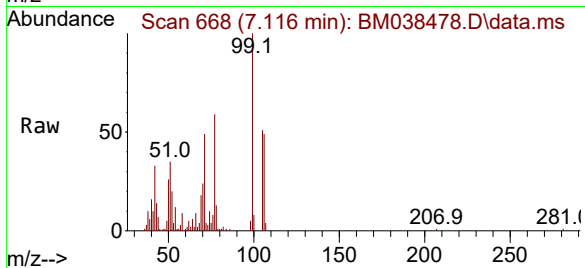




#9
Benzaldehyde
Concen: 12.261 ng
RT: 7.116 min Scan# 669
Delta R.T. 0.000 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

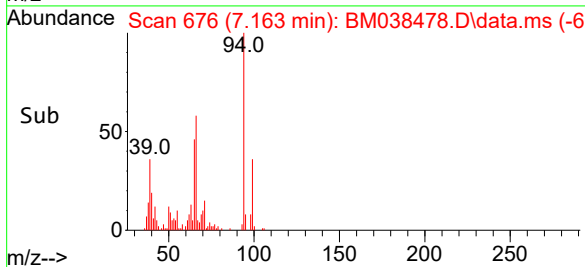
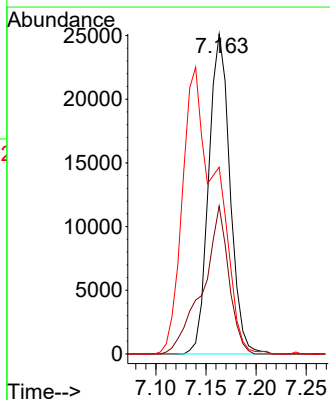
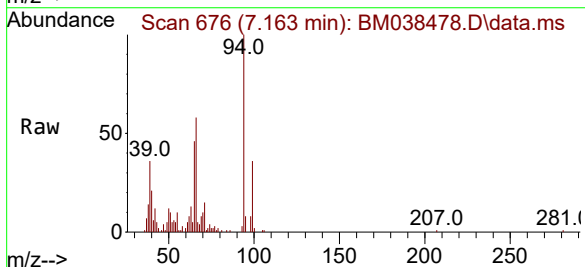
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022

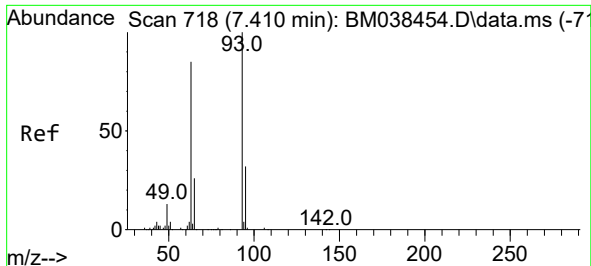
Tgt Ion: 77 Resp: 31913
Ion Ratio Lower Upper
77 100
105 86.6 65.3 105.3
106 82.5 62.5 102.5



#10
Phenol
Concen: 9.152 ng
RT: 7.163 min Scan# 676
Delta R.T. 0.000 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

Tgt Ion: 94 Resp: 37119
Ion Ratio Lower Upper
94 100
65 46.2 16.3 56.3
66 58.4 29.2 69.2





#11

bis(2-Chloroethyl)ether

Concen: 9.173 ng

RT: 7.398 min Scan# 716

Delta R.T. 0.000 min

Lab File: BM038478.D

Acq: 18 Jan 2023 13:50

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2022

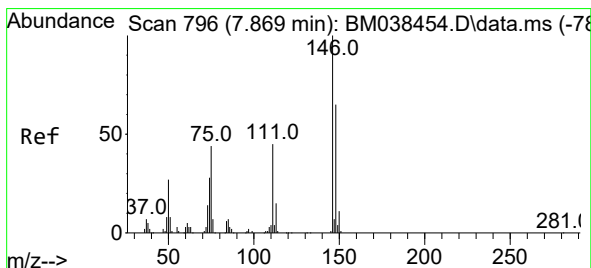
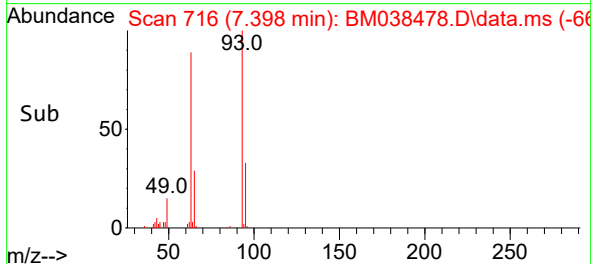
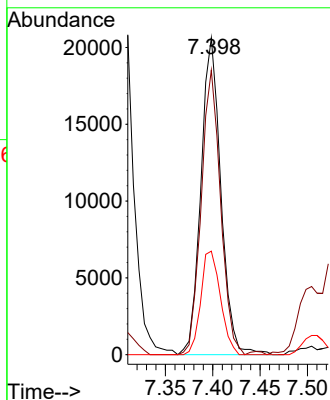
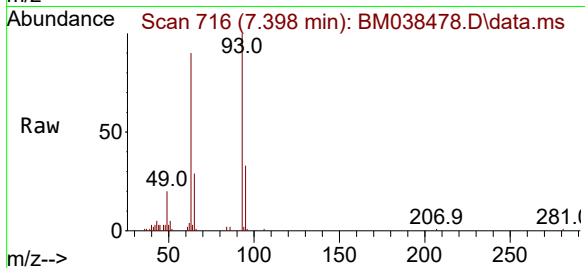
Tgt Ion: 93 Resp: 30152

Ion Ratio Lower Upper

93 100

63 89.8 64.6 104.6

95 32.7 12.0 52.0



#12

1,3-Dichlorobenzene

Concen: 9.628 ng

RT: 7.857 min Scan# 794

Delta R.T. -0.006 min

Lab File: BM038478.D

Acq: 18 Jan 2023 13:50

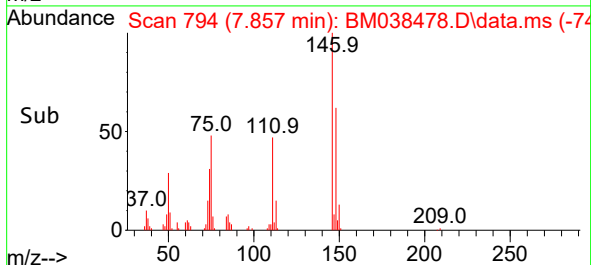
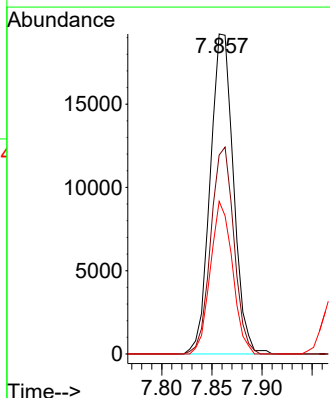
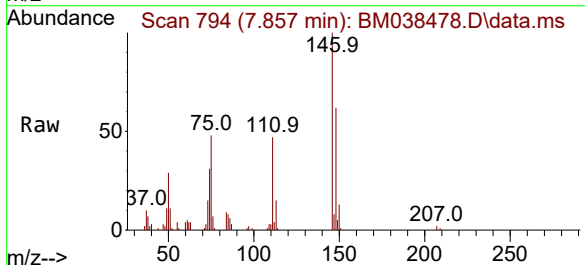
Tgt Ion:146 Resp: 31030

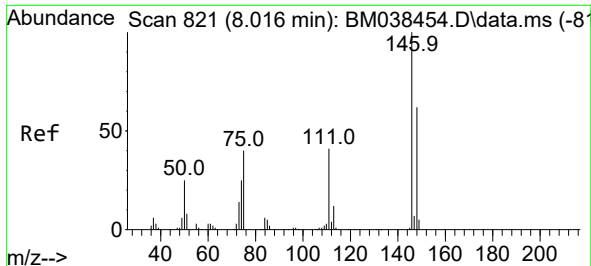
Ion Ratio Lower Upper

146 100

148 62.2 51.8 77.8

75 47.7 35.1 52.7

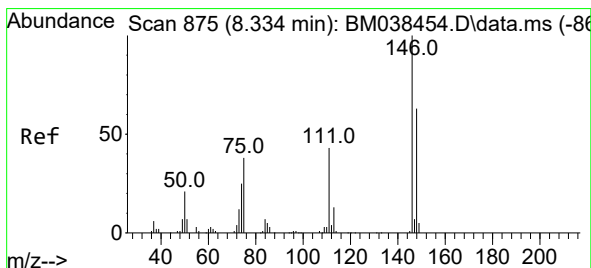
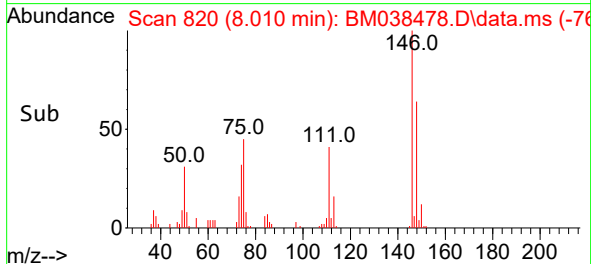
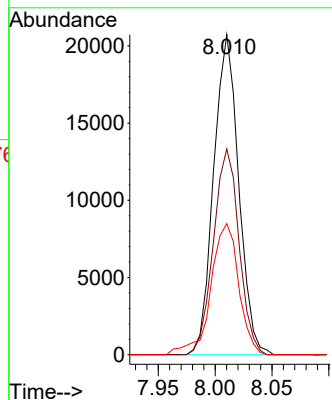
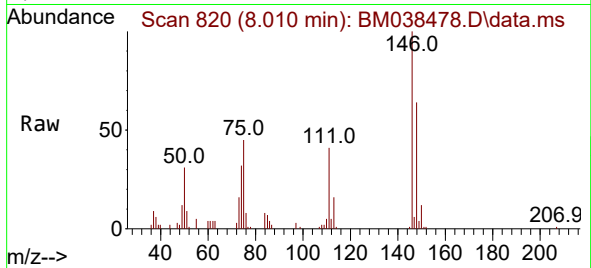




#13
1,4-Dichlorobenzene
Concen: 9.784 ng
RT: 8.010 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

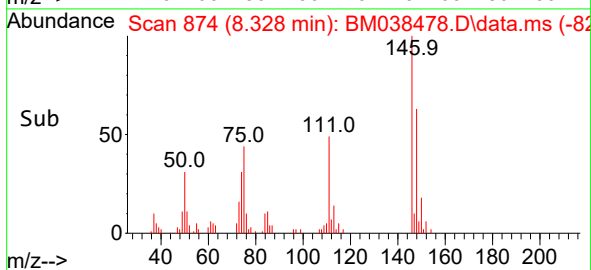
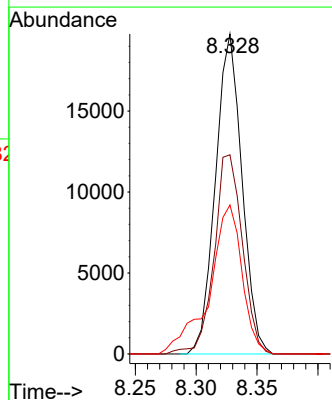
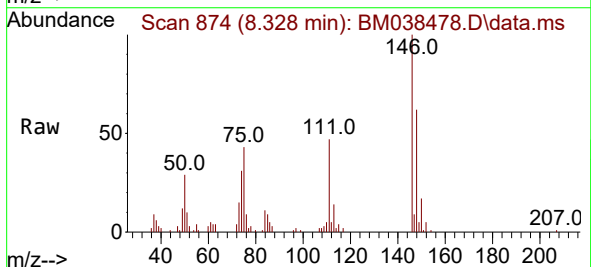
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022

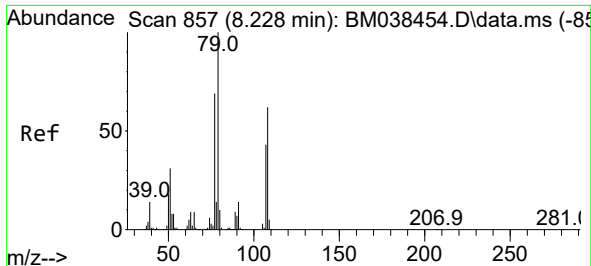
Tgt Ion:146 Resp: 31721
Ion Ratio Lower Upper
146 100
148 64.3 50.1 75.1
111 41.0 32.8 49.2



#14
1,2-Dichlorobenzene
Concen: 9.443 ng
RT: 8.328 min Scan# 874
Delta R.T. 0.000 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

Tgt Ion:146 Resp: 29935
Ion Ratio Lower Upper
146 100
148 62.3 50.7 76.1
111 46.6 35.2 52.8

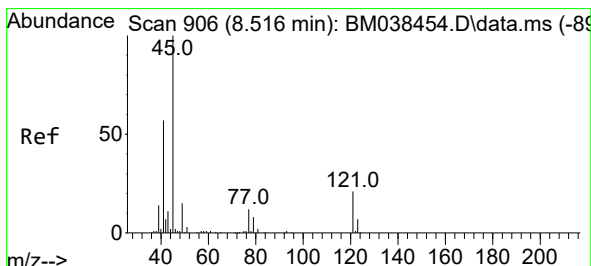
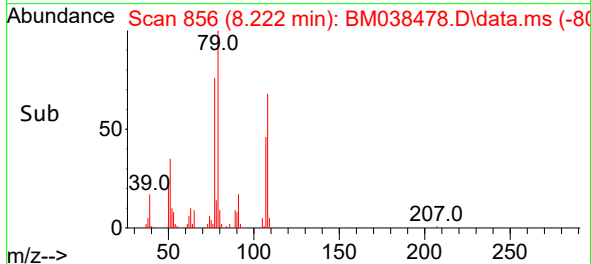
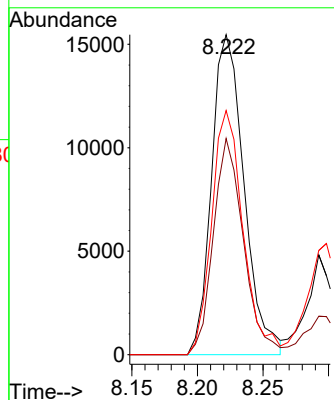
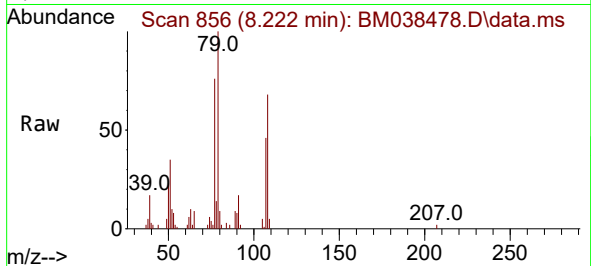




#15
Benzyl Alcohol
Concen: 8.538 ng
RT: 8.222 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

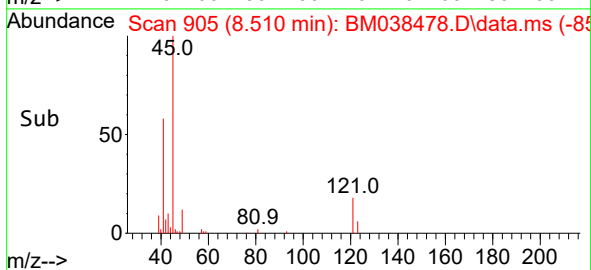
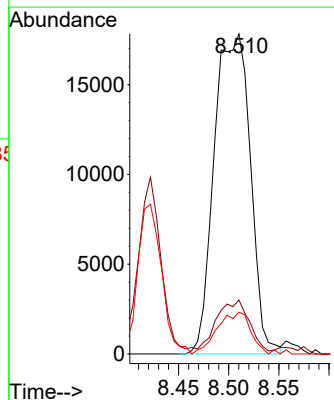
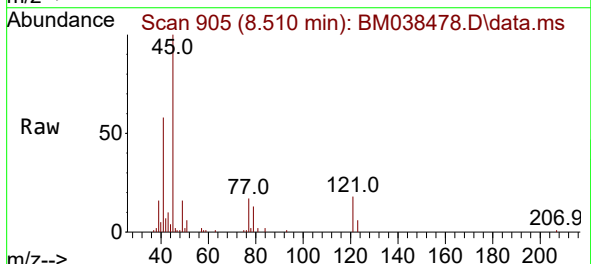
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022

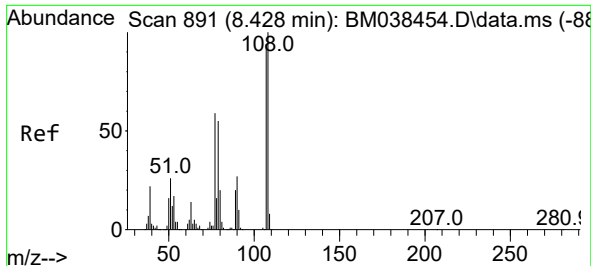
Tgt Ion: 79 Resp: 26617
Ion Ratio Lower Upper
79 100
108 67.6 49.3 73.9
77 76.3 55.1 82.7



#16
2,2'-oxybis(1-chloropropane)
Concen: 9.721 ng
RT: 8.510 min Scan# 905
Delta R.T. 0.000 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

Tgt Ion: 45 Resp: 44548
Ion Ratio Lower Upper
45 100
77 16.8 0.0 34.7
79 13.1 0.0 30.4

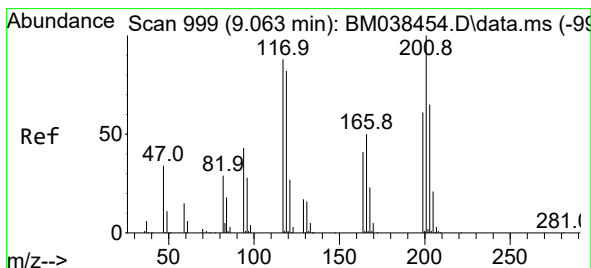
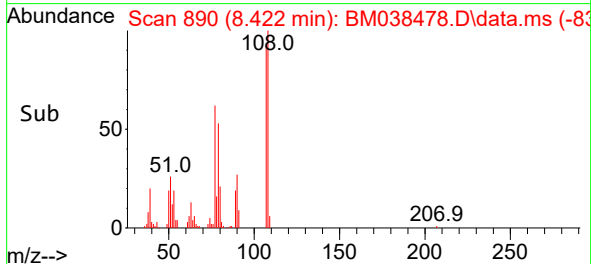
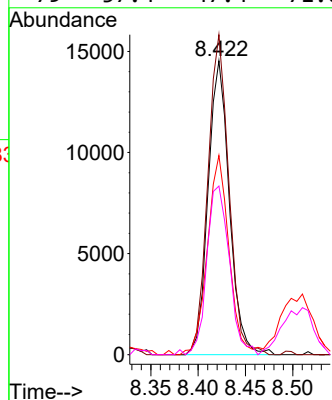
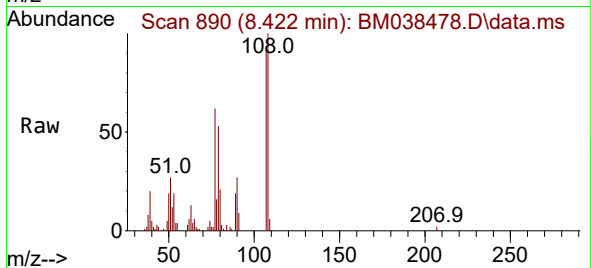




#17
2-Methylphenol
Concen: 8.279 ng
RT: 8.422 min Scan# 891
Delta R.T. 0.000 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

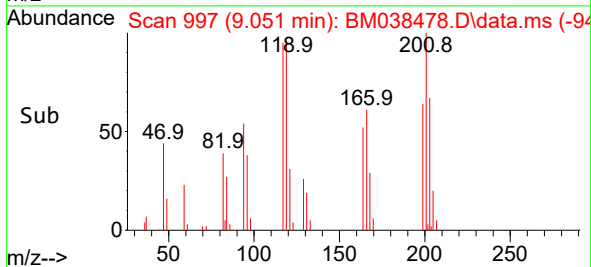
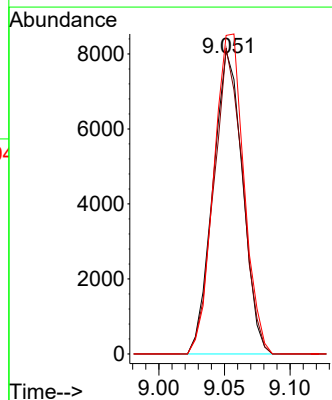
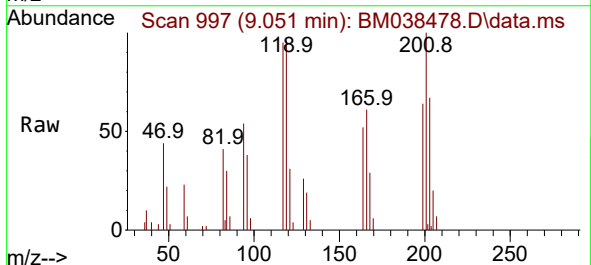
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022

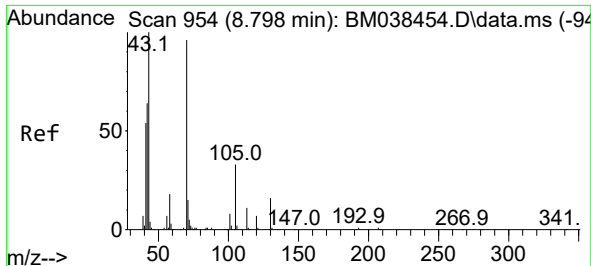
Tgt Ion:	107	Resp:	22681
Ion Ratio	Lower	Upper	
107	100		
108	108.9	85.7	128.5
77	67.8	50.5	75.7
79	57.4	47.4	71.0



#18
Hexachloroethane
Concen: 9.574 ng
RT: 9.051 min Scan# 997
Delta R.T. -0.006 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

Tgt Ion:	117	Resp:	12715
Ion Ratio	Lower	Upper	
117	100		
119	100.8	74.5	111.7
201	107.8	91.3	136.9

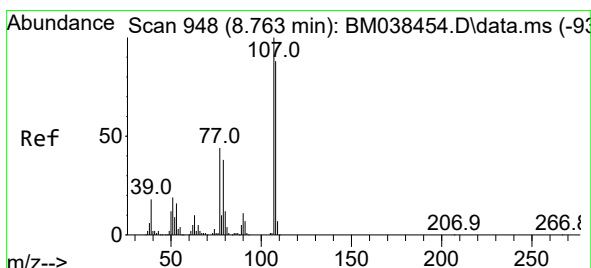
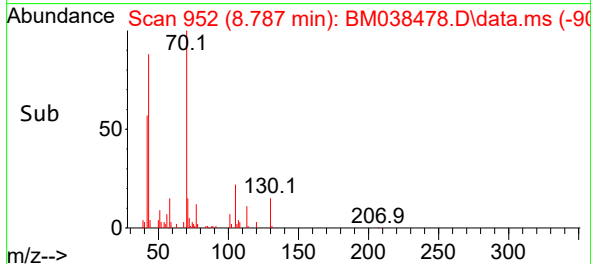
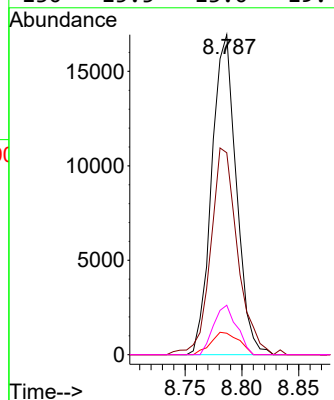
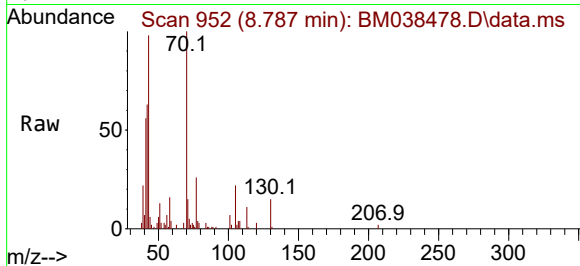




#19
n-Nitroso-di-n-propylamine
Concen: 9.028 ng
RT: 8.787 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

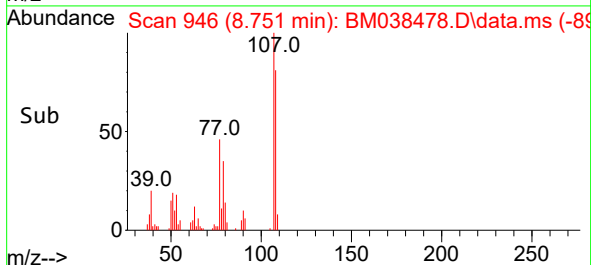
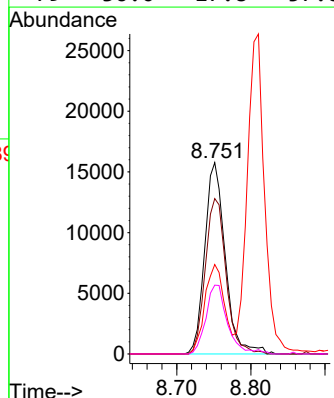
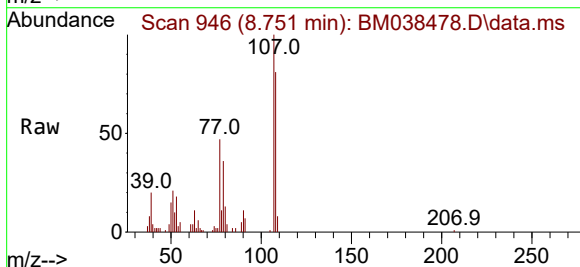
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022

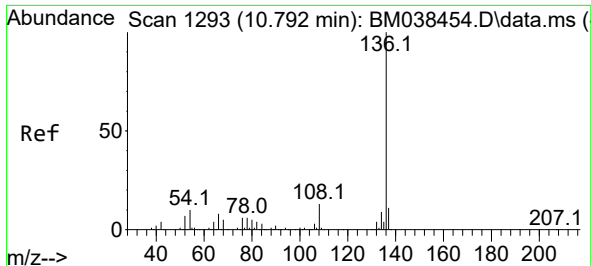
Tgt Ion: 70	Resp: 25508
Ion Ratio	Lower Upper
70 100	
42 63.1	54.2 81.2
101 6.7	6.6 10.0
130 15.5	13.0 19.4



#20
3+4-Methylphenols
Concen: 8.267 ng
RT: 8.751 min Scan# 946
Delta R.T. 0.000 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

Tgt	Ion:107	Resp:	30406
Ion	Ratio	Lower	Upper
107	100		
108	81.2	67.6	107.6
77	46.7	24.1	64.1
79	36.0	17.8	57.8

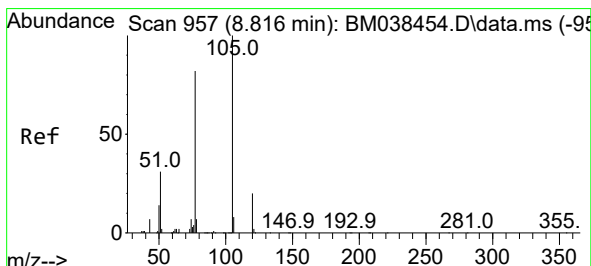
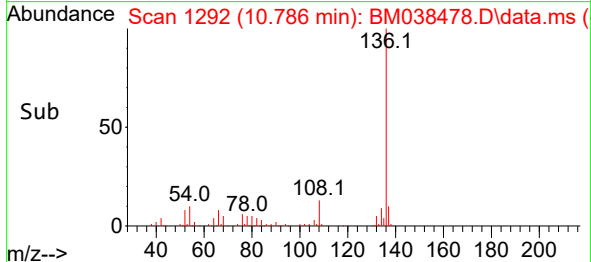
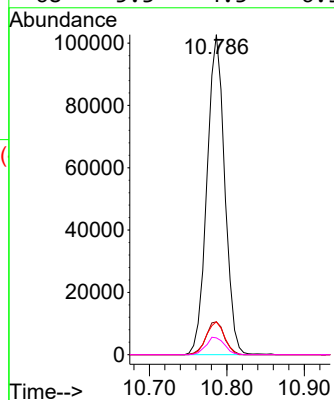
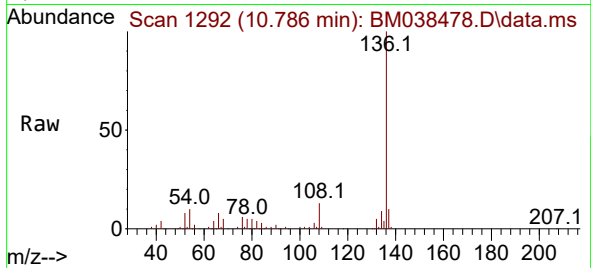




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.786 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

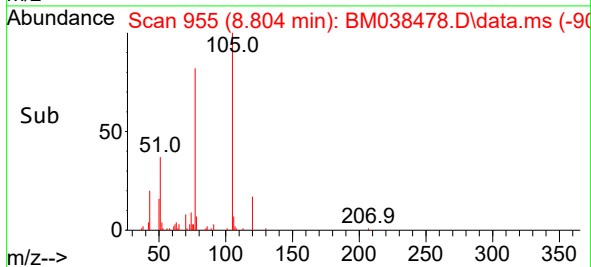
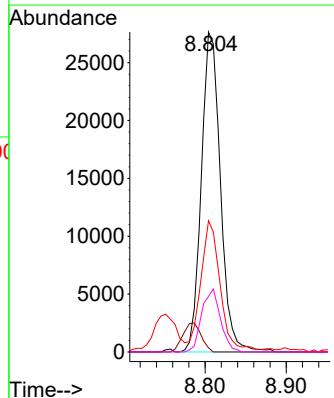
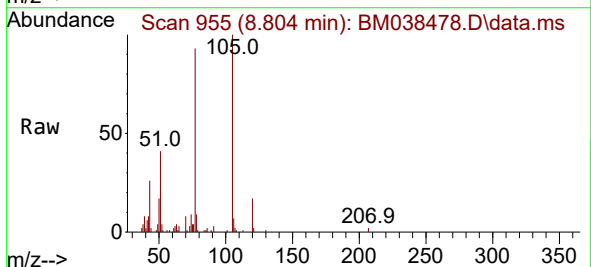
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022

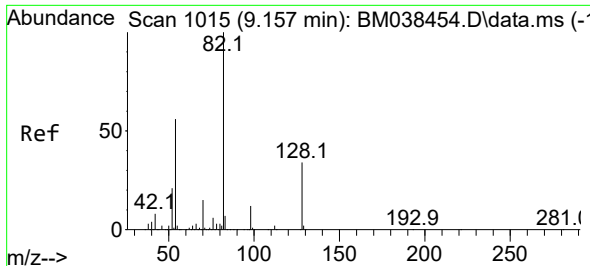
Tgt Ion:136 Resp: 163104
Ion Ratio Lower Upper
136 100
137 10.3 9.0 13.4
54 10.3 7.6 11.4
68 5.3 4.3 6.5



#22
Acetophenone
Concen: 9.382 ng
RT: 8.804 min Scan# 955
Delta R.T. -0.006 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

Tgt Ion:105 Resp: 45234
Ion Ratio Lower Upper
105 100
71 1.3 1.0 1.6
51 41.0 27.4 41.2
120 17.4 15.6 23.4





#23

Nitrobenzene-d5

Concen: 77.585 ng

RT: 9.145 min Scan# 1013

Delta R.T. -0.006 min

Lab File: BM038478.D

Acq: 18 Jan 2023 13:50

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2022

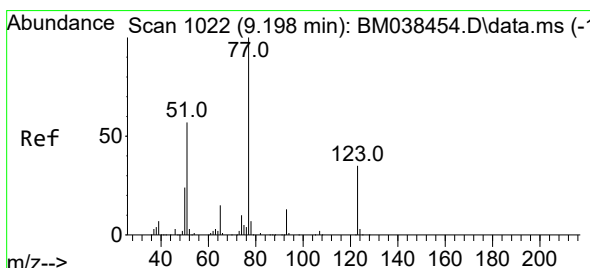
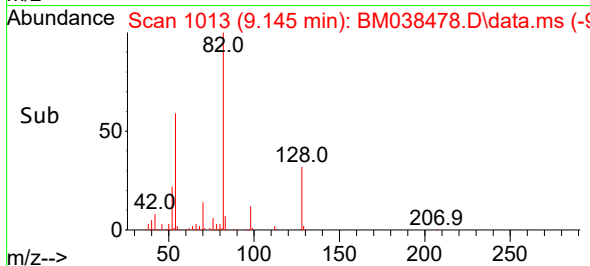
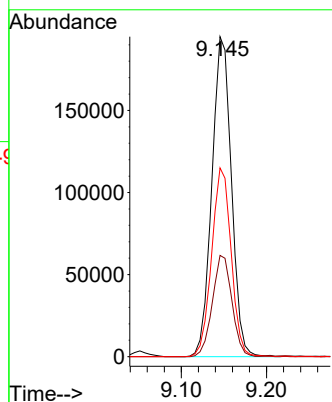
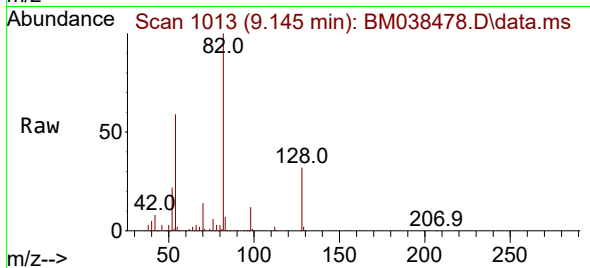
Tgt Ion: 82 Resp: 310574

Ion Ratio Lower Upper

82 100

128 31.6 27.0 40.6

54 59.0 45.0 67.6



#24

Nitrobenzene

Concen: 9.890 ng

RT: 9.187 min Scan# 1020

Delta R.T. -0.006 min

Lab File: BM038478.D

Acq: 18 Jan 2023 13:50

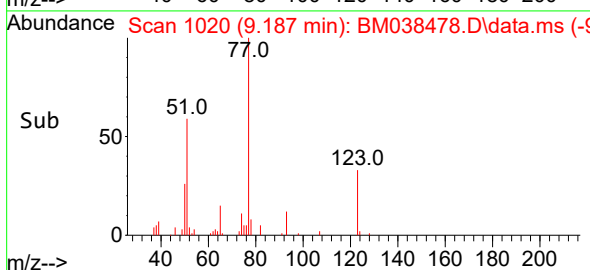
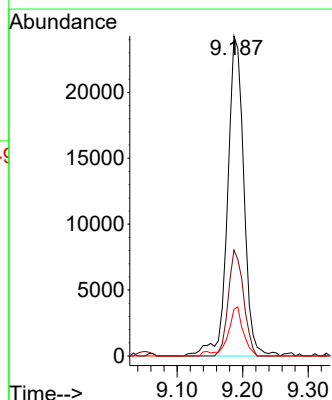
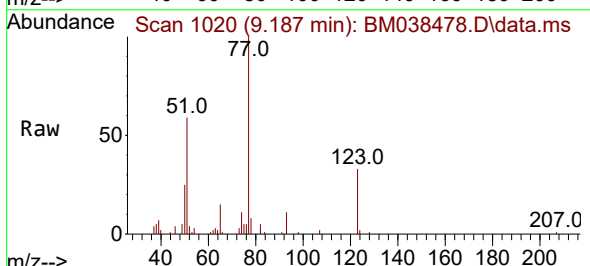
Tgt Ion: 77 Resp: 41828

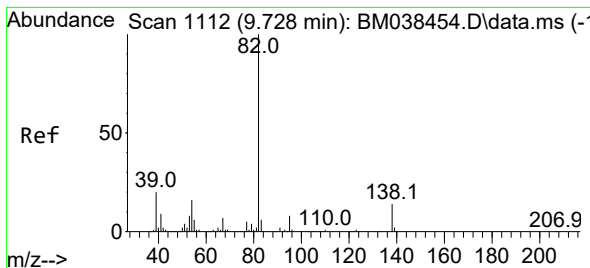
Ion Ratio Lower Upper

77 100

123 33.0 28.2 42.4

65 14.6 12.1 18.1





#25

Isophorone

Concen: 8.594 ng

RT: 9.710 min Scan# 1109

Delta R.T. -0.006 min

Lab File: BM038478.D

Acq: 18 Jan 2023 13:50

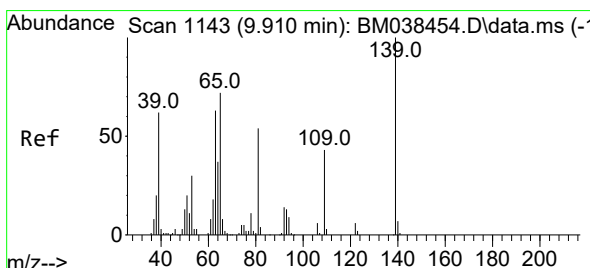
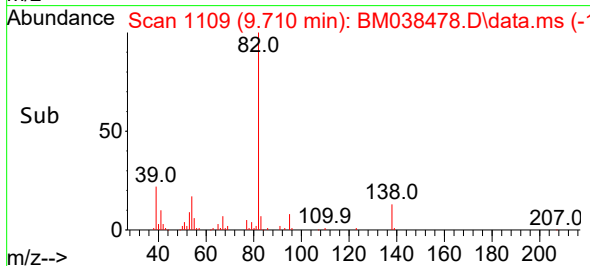
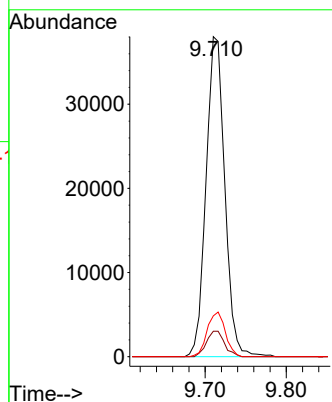
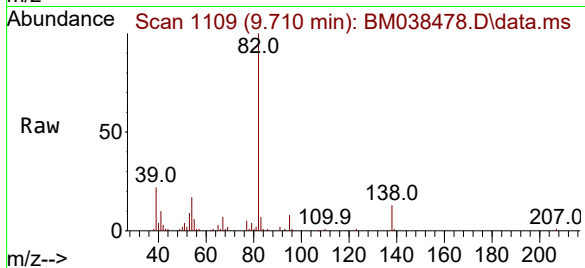
Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2022

Tgt Ion:	82	Resp:	60933
Ion Ratio	Lower	Upper	
82	100		
95	7.9	6.1	9.1
138	12.7	11.5	17.3



#26

2-Nitrophenol

Concen: 8.196 ng

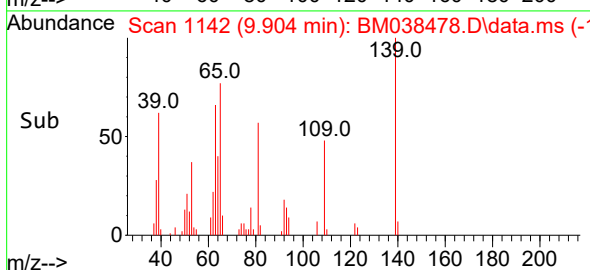
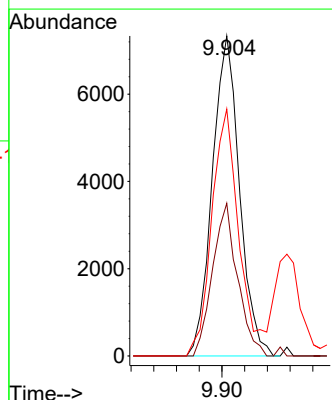
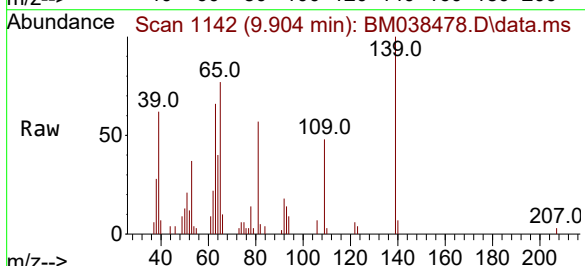
RT: 9.904 min Scan# 1142

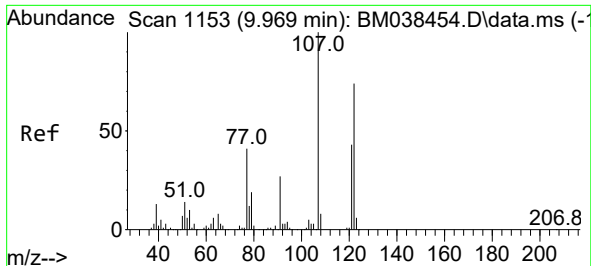
Delta R.T. 0.000 min

Lab File: BM038478.D

Acq: 18 Jan 2023 13:50

Tgt Ion:	139	Resp:	12170
Ion Ratio	Lower	Upper	
139	100		
109	47.7	34.7	52.1
65	77.1	57.4	86.0

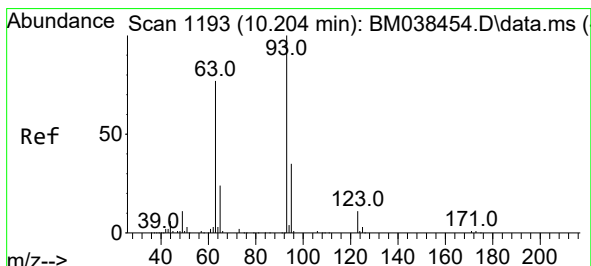
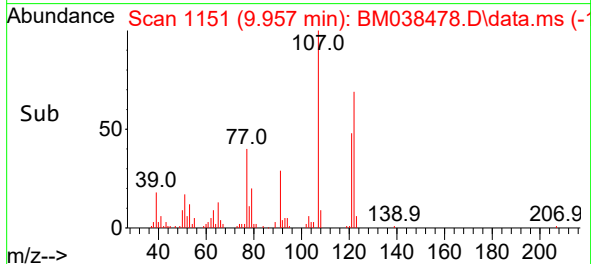
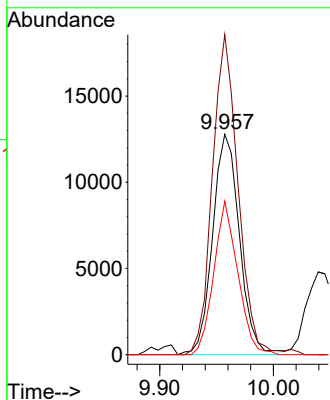
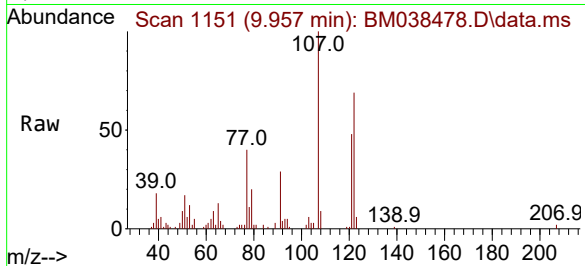




#27
2,4-Dimethylphenol
Concen: 8.295 ng
RT: 9.957 min Scan# 1151
Delta R.T. 0.000 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

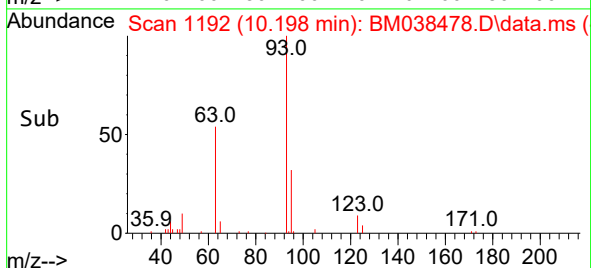
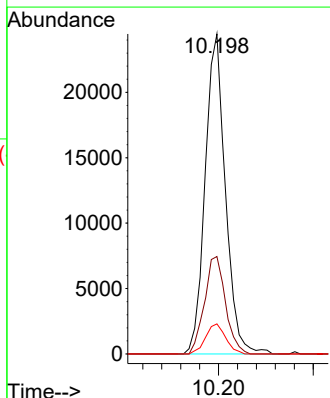
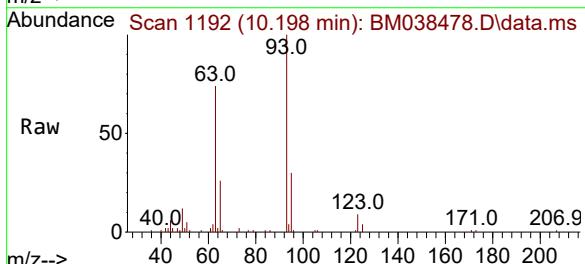
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022

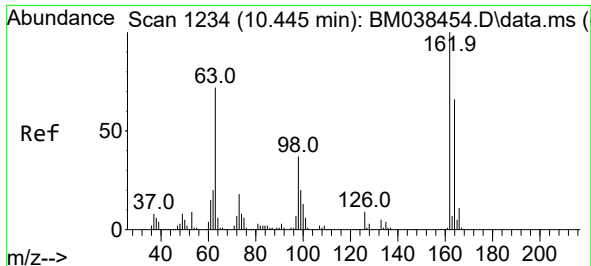
Tgt Ion:122 Resp: 20973
Ion Ratio Lower Upper
122 100
107 145.2 107.4 161.0
121 69.6 46.6 70.0



#28
bis(2-Chloroethoxy)methane
Concen: 9.081 ng
RT: 10.198 min Scan# 1192
Delta R.T. 0.000 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

Tgt Ion: 93 Resp: 36211
Ion Ratio Lower Upper
93 100
95 30.4 27.7 41.5
123 9.4 8.6 13.0





#29

2,4-Dichlorophenol

Concen: 8.216 ng

RT: 10.434 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM038478.D

Acq: 18 Jan 2023 13:50

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2022

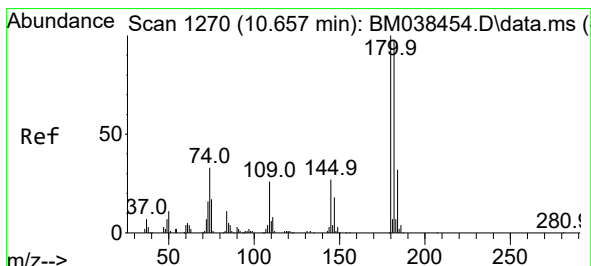
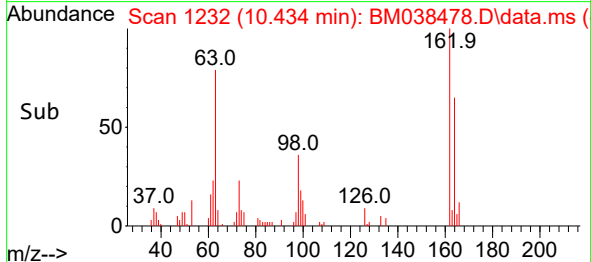
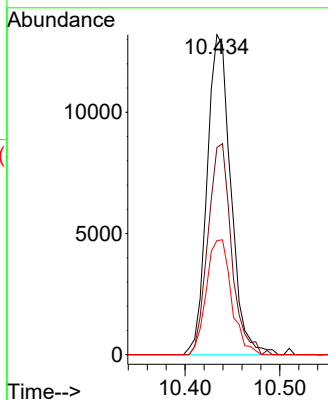
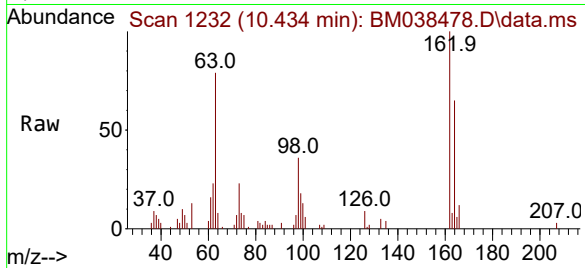
Tgt Ion:162 Resp: 22949

Ion Ratio Lower Upper

162 100

164 64.8 46.5 86.5

98 35.7 17.1 57.1



#30

1,2,4-Trichlorobenzene

Concen: 8.627 ng

RT: 10.645 min Scan# 1268

Delta R.T. -0.006 min

Lab File: BM038478.D

Acq: 18 Jan 2023 13:50

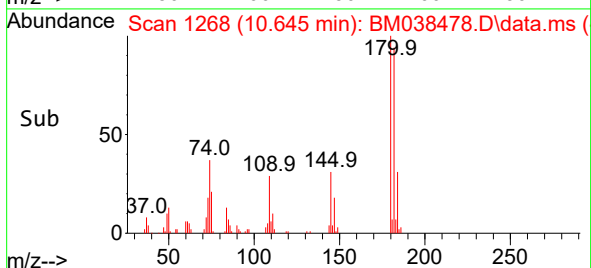
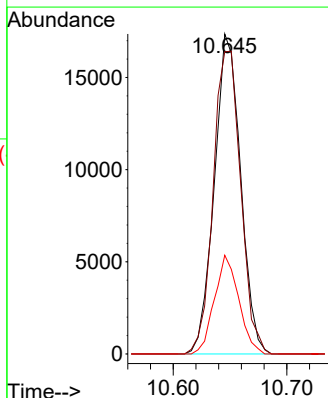
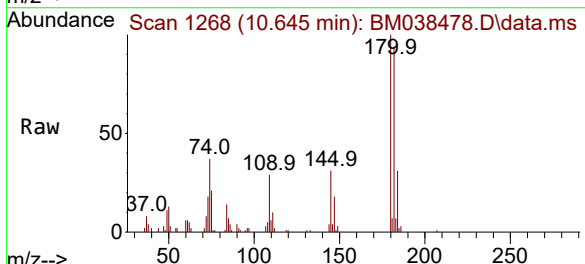
Tgt Ion:180 Resp: 27867

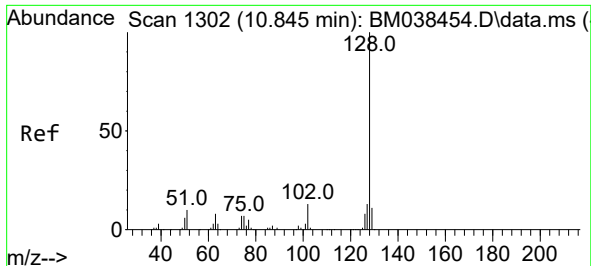
Ion Ratio Lower Upper

180 100

182 94.5 78.1 117.1

145 30.8 21.9 32.9

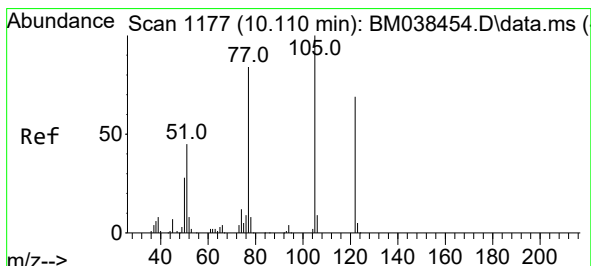
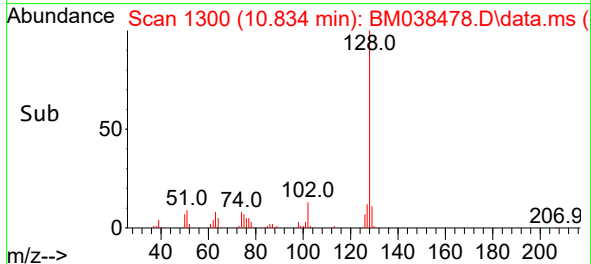
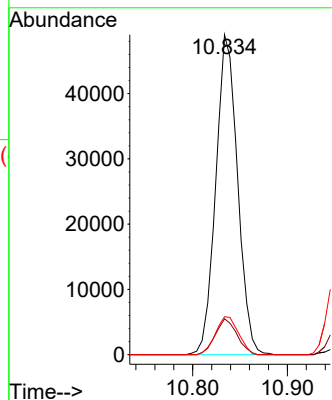
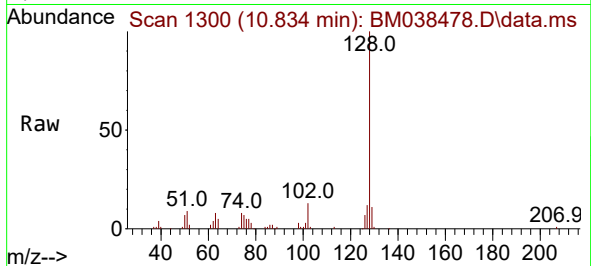




#31
Naphthalene
Concen: 9.072 ng
RT: 10.834 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

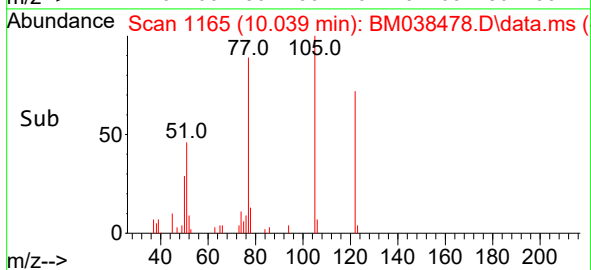
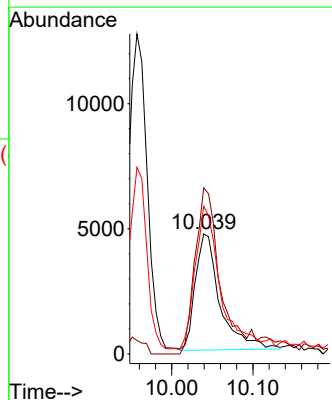
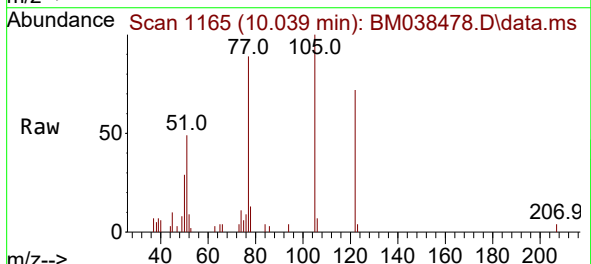
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022

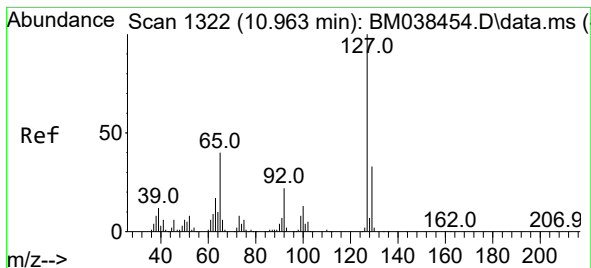
Tgt Ion:128 Resp: 78421
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 11.8 10.8 16.2



#32
Benzoic acid
Concen: 9.308 ng
RT: 10.039 min Scan# 1165
Delta R.T. -0.059 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

Tgt Ion:122 Resp: 9886
Ion Ratio Lower Upper
122 100
105 138.4 122.6 162.6
77 123.1 101.5 141.5





#33

4-Chloroaniline

Concen: 8.096 ng

RT: 10.957 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM038478.D

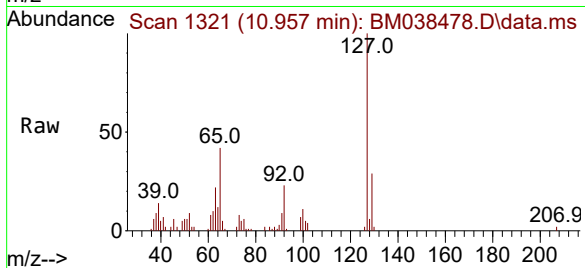
Acq: 18 Jan 2023 13:50

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2022



Tgt Ion:127 Resp: 30716

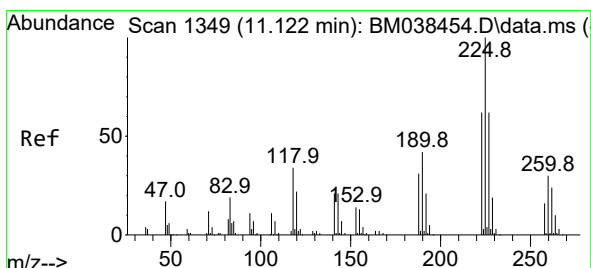
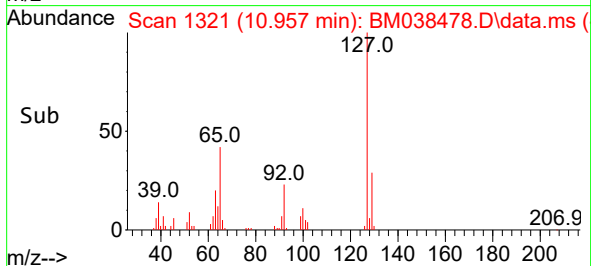
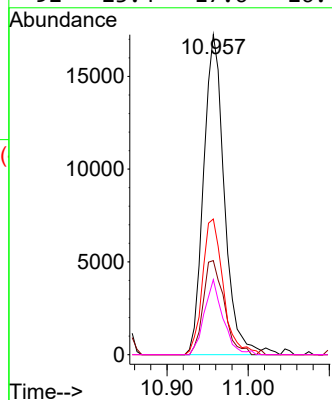
Ion Ratio Lower Upper

127 100

129 29.4 26.4 39.6

65 42.4 32.1 48.1

92 23.4 17.6 26.4



#34

Hexachlorobutadiene

Concen: 8.776 ng

RT: 11.110 min Scan# 1347

Delta R.T. 0.000 min

Lab File: BM038478.D

Acq: 18 Jan 2023 13:50

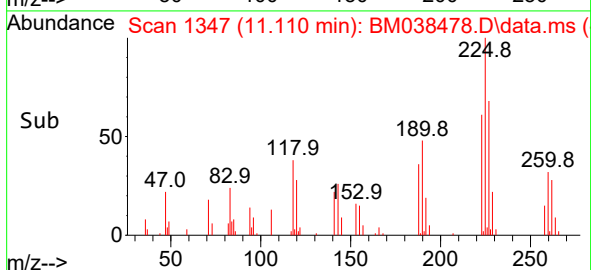
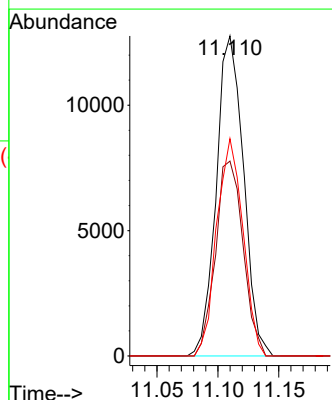
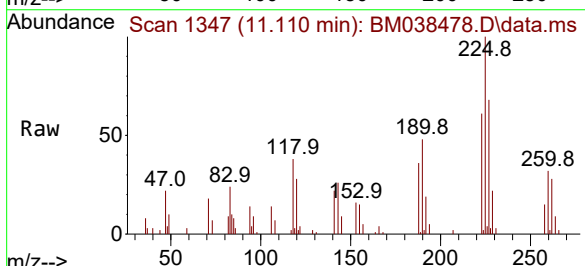
Tgt Ion:225 Resp: 19879

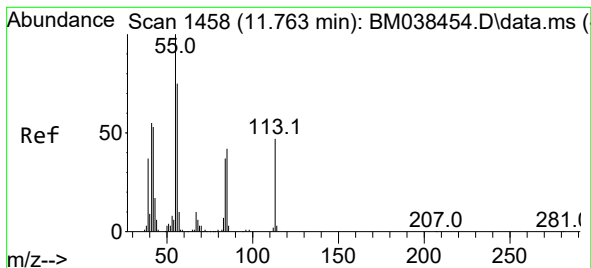
Ion Ratio Lower Upper

225 100

223 62.8 49.8 74.8

227 71.4 49.6 74.4





#35

Caprolactam

Concen: 6.623 ng

RT: 11.733 min Scan# 1453

Delta R.T. -0.017 min

Lab File: BM038478.D

Acq: 18 Jan 2023 13:50

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2022

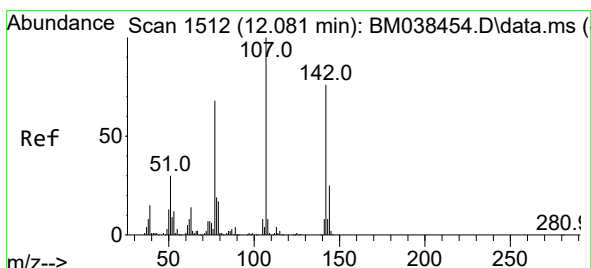
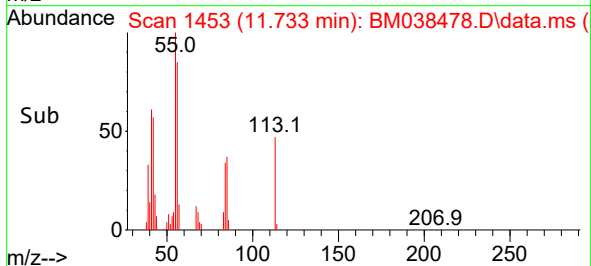
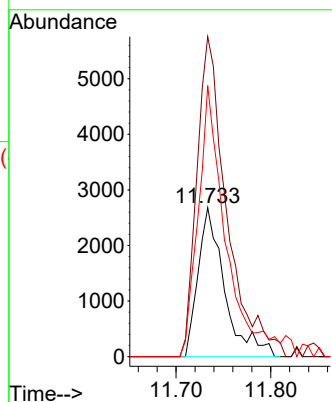
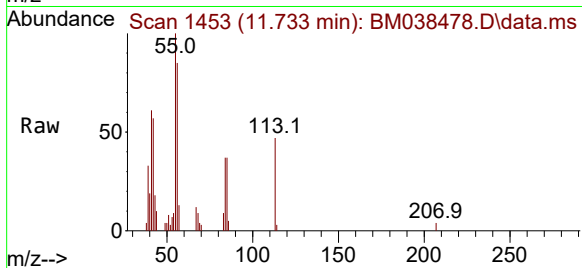
Tgt Ion:113 Resp: 5229

Ion Ratio Lower Upper

113 100

55 214.9 194.2 234.2

56 182.0 141.6 181.6#



#36

4-Chloro-3-methylphenol

Concen: 8.152 ng

RT: 12.069 min Scan# 1510

Delta R.T. -0.006 min

Lab File: BM038478.D

Acq: 18 Jan 2023 13:50

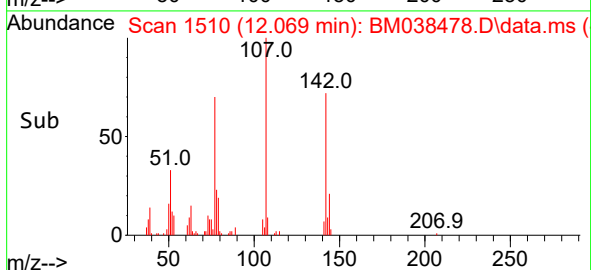
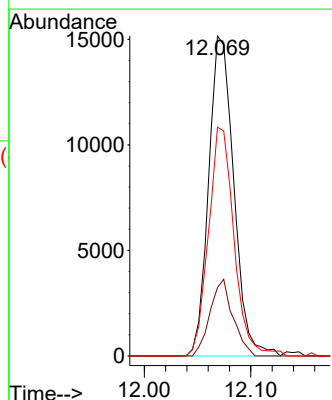
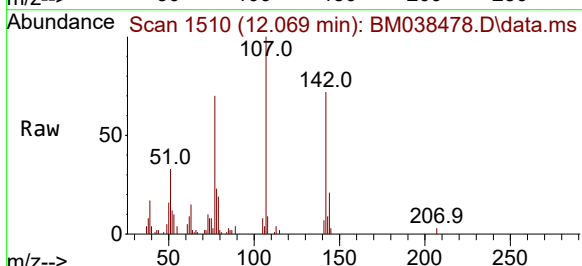
Tgt Ion:107 Resp: 24829

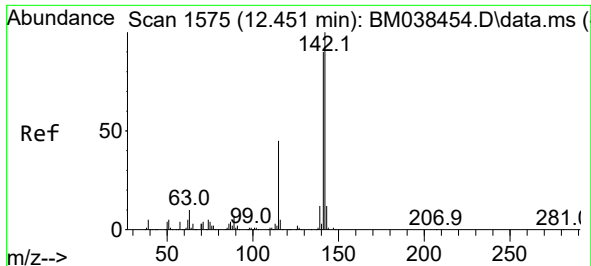
Ion Ratio Lower Upper

107 100

144 21.4 20.3 30.5

142 71.5 61.2 91.8

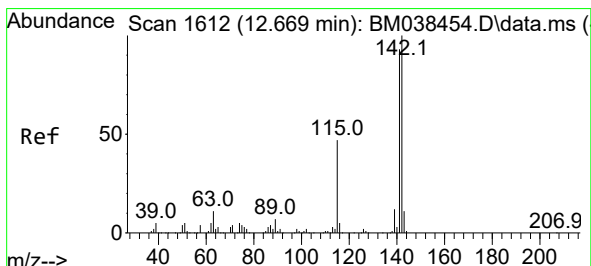
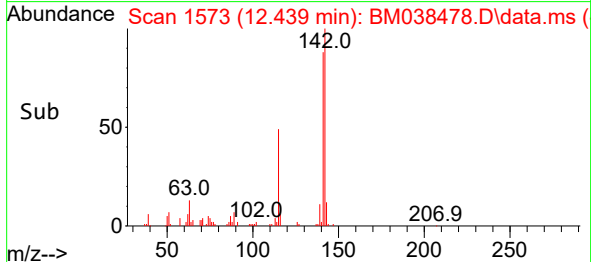
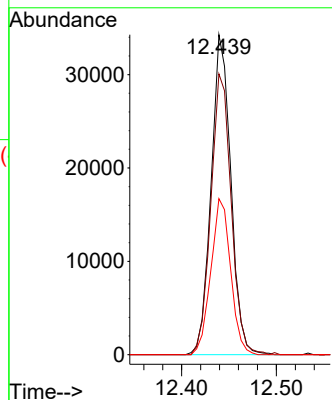
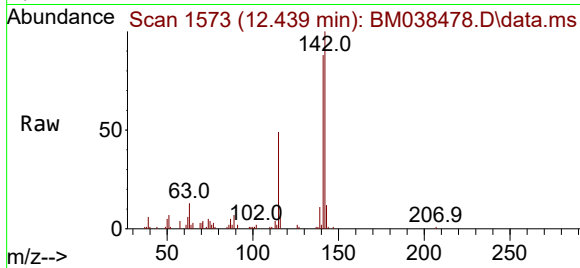




#37
2-Methylnaphthalene
Concen: 7.814 ng
RT: 12.439 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

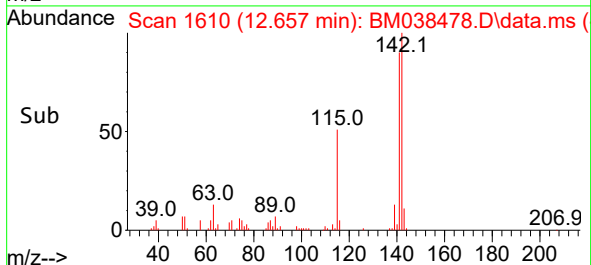
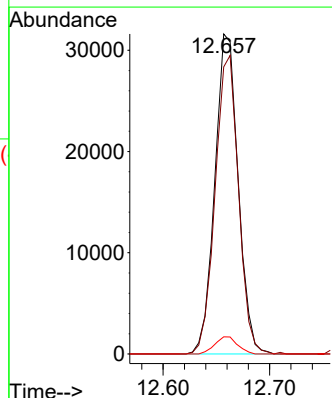
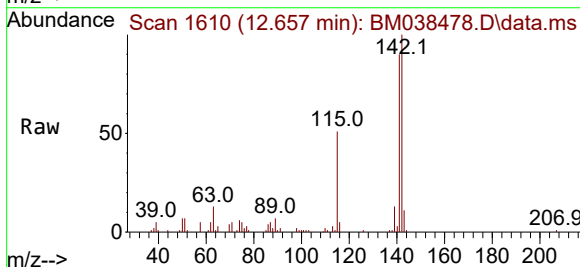
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022

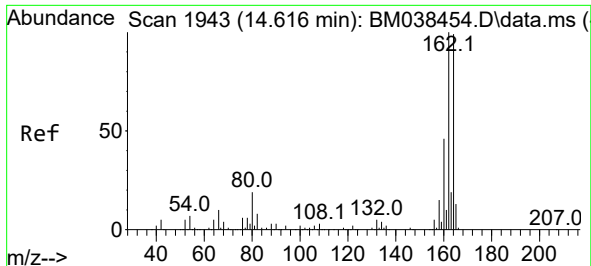
Tgt Ion:142 Resp: 49387
Ion Ratio Lower Upper
142 100
141 87.7 72.0 108.0
115 48.7 35.9 53.9



#38
1-Methylnaphthalene
Concen: 8.093 ng
RT: 12.657 min Scan# 1610
Delta R.T. -0.006 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

Tgt Ion:142 Resp: 48022
Ion Ratio Lower Upper
142 100
141 89.7 74.4 111.6
116 5.3 3.8 5.8

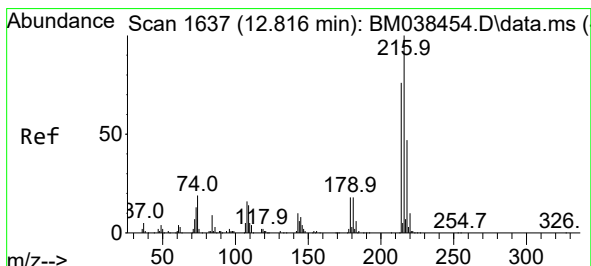
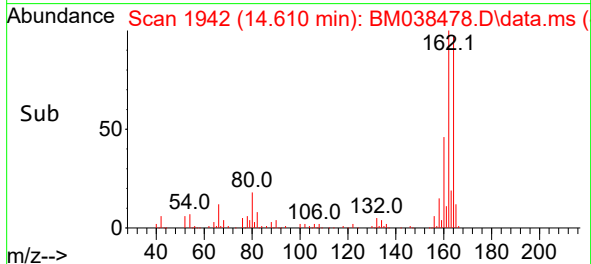
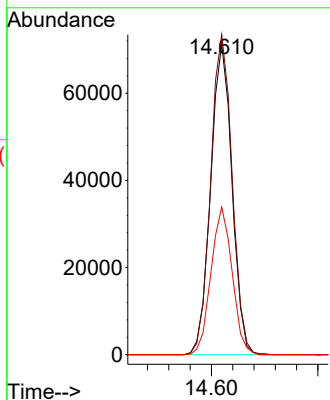
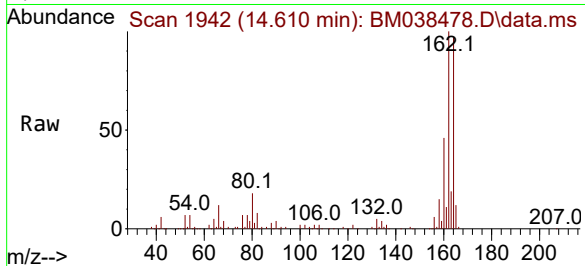




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.610 min Scan# 1943
Delta R.T. 0.000 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

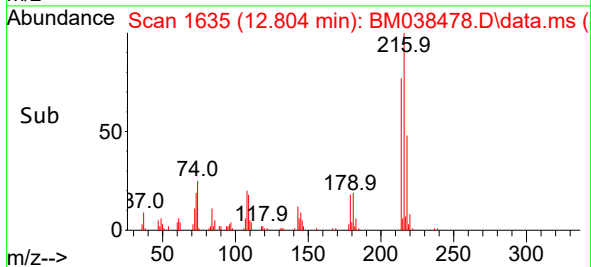
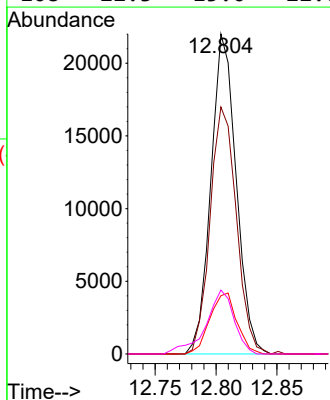
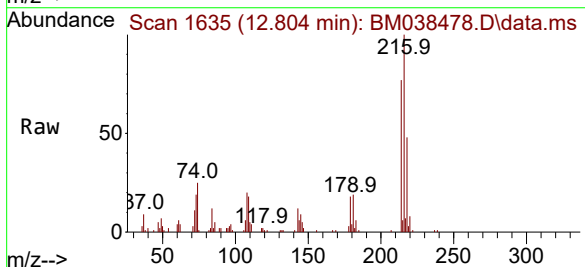
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022

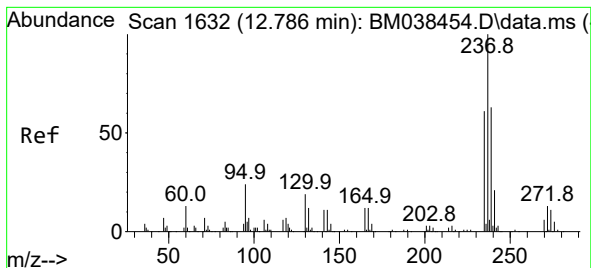
Tgt Ion:164 Resp: 98454
Ion Ratio Lower Upper
164 100
162 103.0 80.9 121.3
160 47.5 37.4 56.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 8.637 ng
RT: 12.804 min Scan# 1635
Delta R.T. -0.006 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

Tgt Ion:216 Resp: 31825
Ion Ratio Lower Upper
216 100
214 80.1 61.4 92.0
179 20.4 15.3 22.9
108 22.3 15.0 22.6





#41

Hexachlorocyclopentadiene

Concen: 8.871 ng

RT: 12.775 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM038478.D

Acq: 18 Jan 2023 13:50

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2022

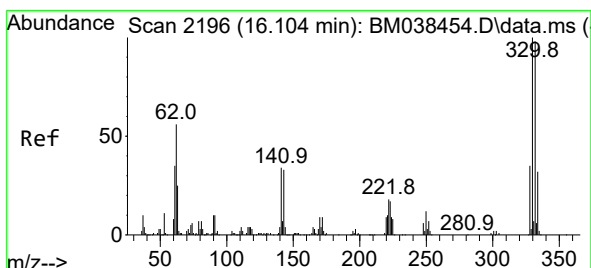
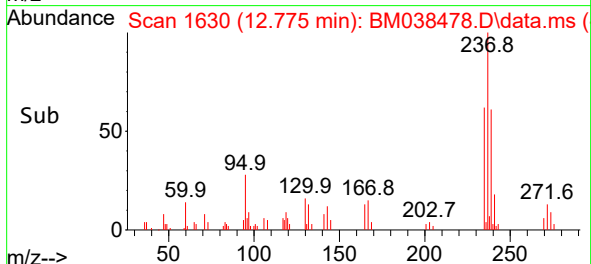
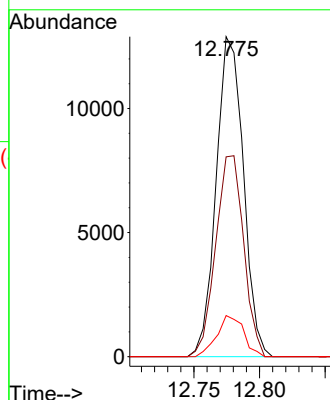
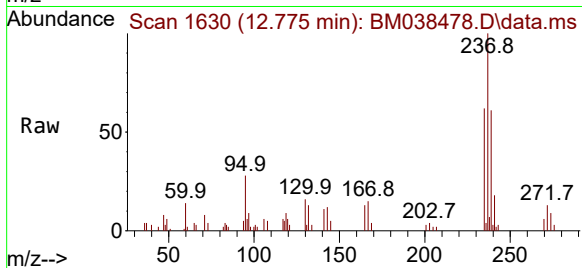
Tgt Ion:237 Resp: 18587

Ion Ratio Lower Upper

237 100

235 62.5 40.9 80.9

272 12.9 0.0 32.6



#42

2,4,6-Tribromophenol

Concen: 105.064 ng

RT: 16.098 min Scan# 2195

Delta R.T. 0.000 min

Lab File: BM038478.D

Acq: 18 Jan 2023 13:50

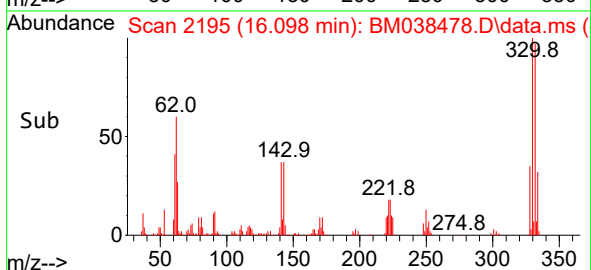
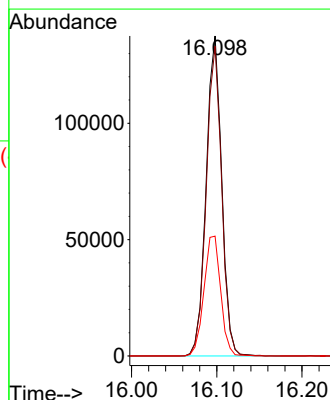
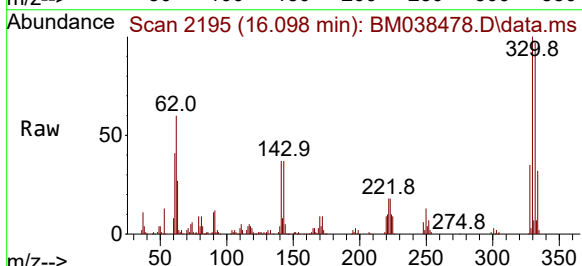
Tgt Ion:330 Resp: 174865

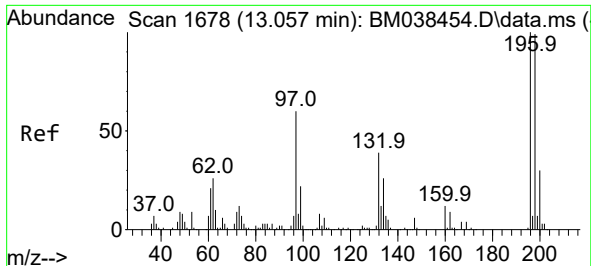
Ion Ratio Lower Upper

330 100

332 95.8 77.0 115.4

141 40.2 28.1 42.1

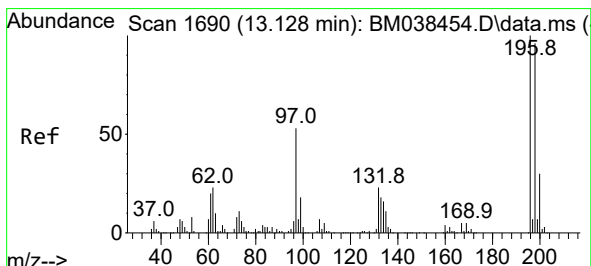
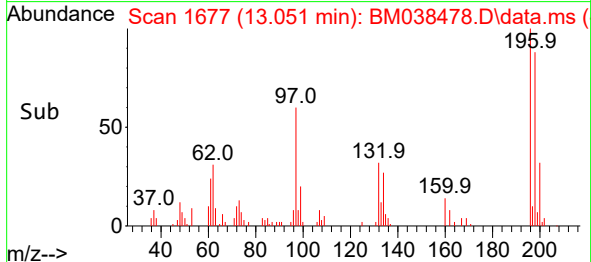
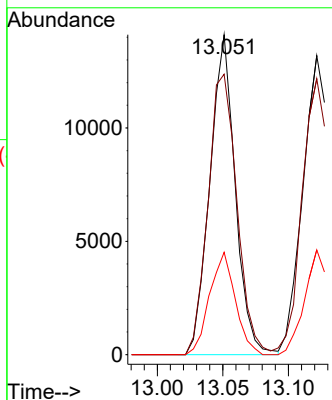
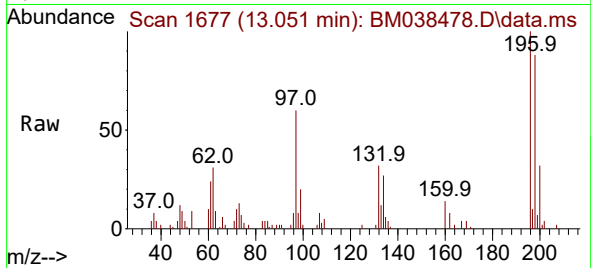




#43
2,4,6-Trichlorophenol
Concen: 8.159 ng
RT: 13.051 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

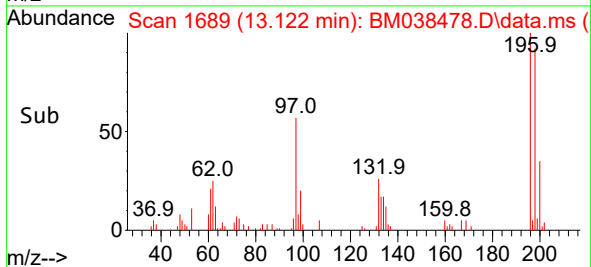
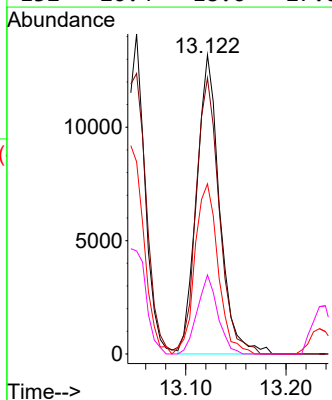
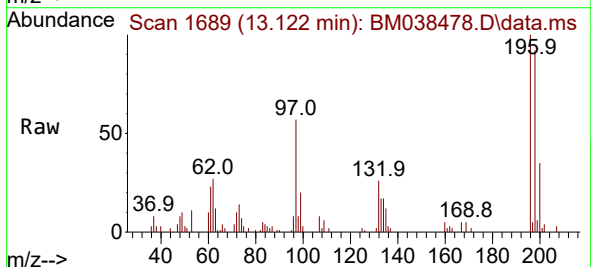
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022

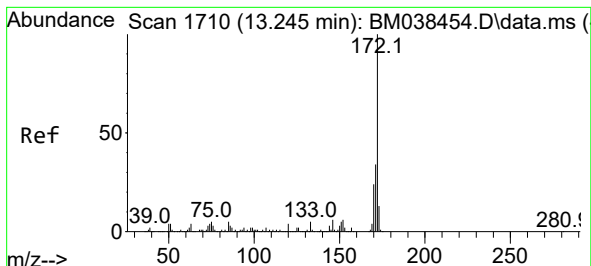
Tgt Ion:196 Resp: 19006
Ion Ratio Lower Upper
196 100
198 87.7 78.8 118.2
200 32.0 24.4 36.6



#44
2,4,5-Trichlorophenol
Concen: 7.683 ng
RT: 13.122 min Scan# 1689
Delta R.T. 0.000 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

Tgt Ion:196 Resp: 21100
Ion Ratio Lower Upper
196 100
198 92.3 77.4 116.2
97 56.9 42.4 63.6
132 26.4 18.6 27.8





#45

2-Fluorobiphenyl

Concen: 72.665 ng

RT: 13.233 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM038478.D

Acq: 18 Jan 2023 13:50

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2022

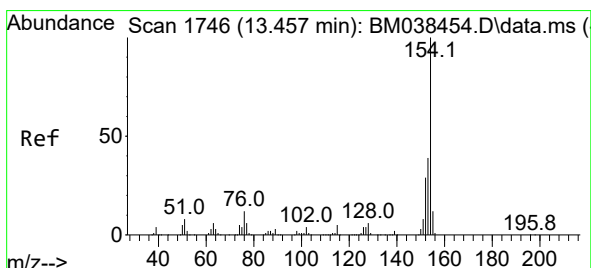
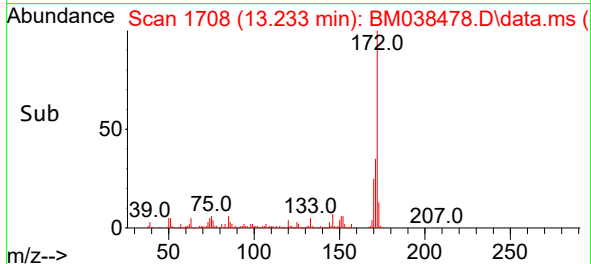
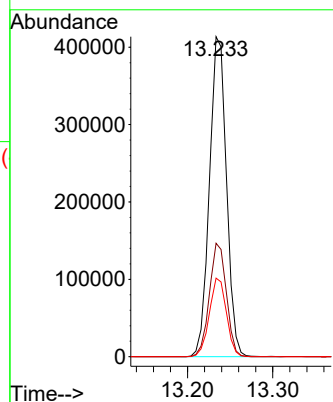
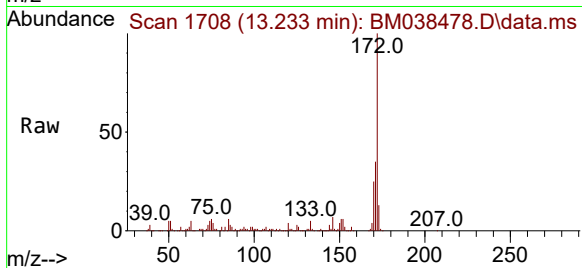
Tgt Ion:172 Resp: 573661

Ion Ratio Lower Upper

172 100

171 35.4 27.5 41.3

170 24.5 19.0 28.6



#46

1,1'-Biphenyl

Concen: 9.241 ng

RT: 13.445 min Scan# 1744

Delta R.T. 0.000 min

Lab File: BM038478.D

Acq: 18 Jan 2023 13:50

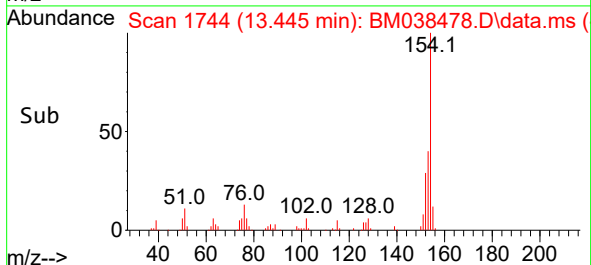
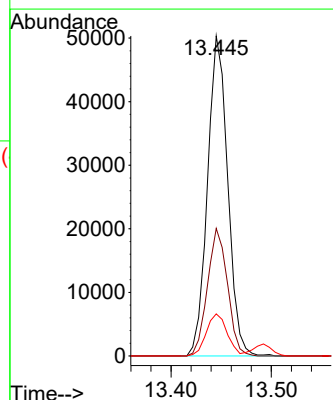
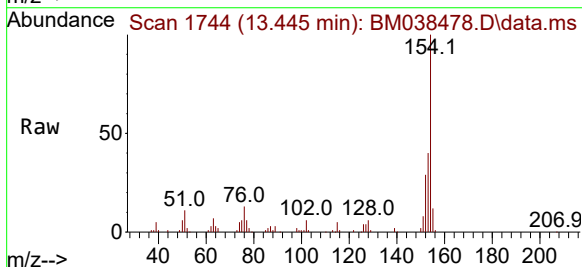
Tgt Ion:154 Resp: 70583

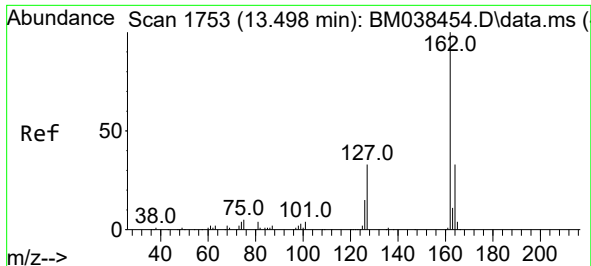
Ion Ratio Lower Upper

154 100

153 39.9 19.3 59.3

76 13.1 0.0 32.2

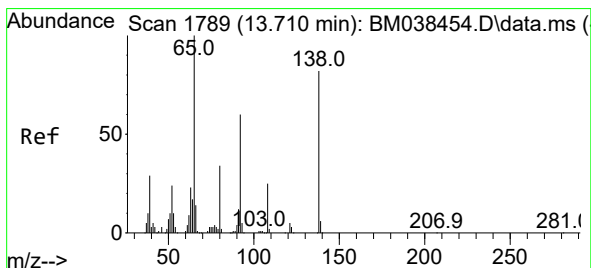
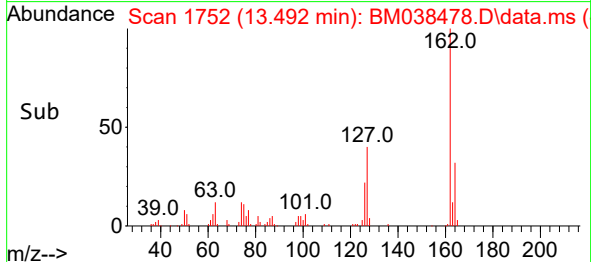
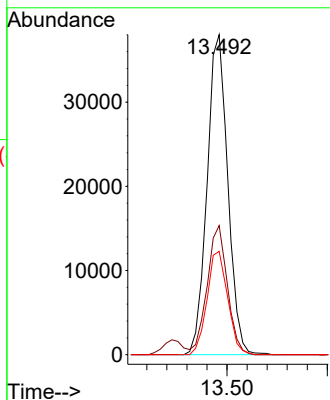
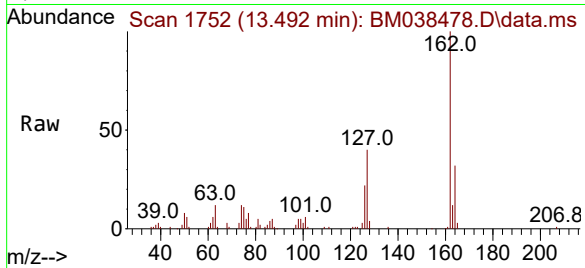




#47
2-Chloronaphthalene
Concen: 9.094 ng
RT: 13.492 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

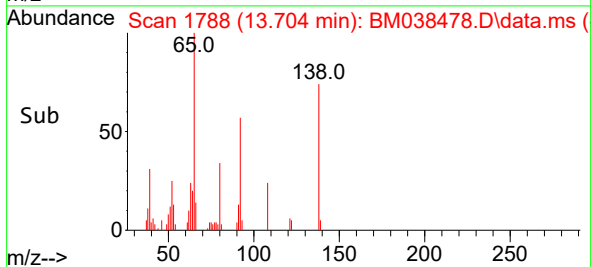
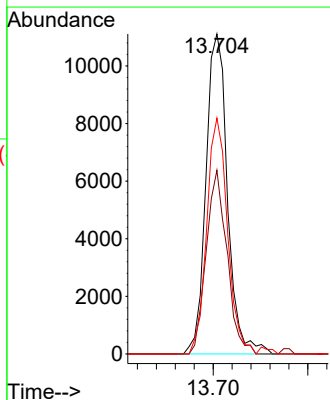
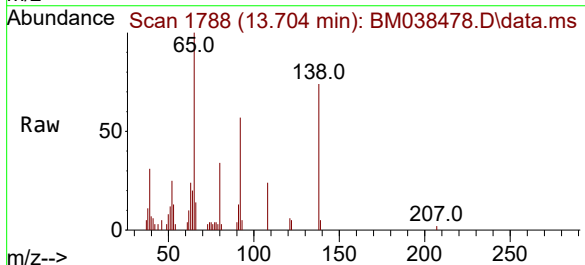
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022

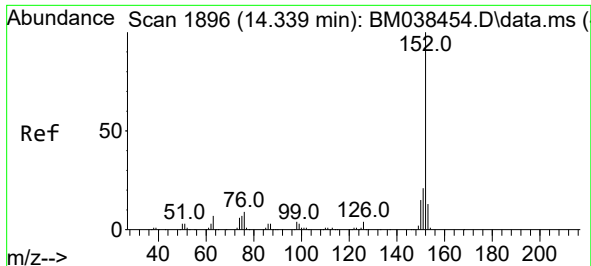
Tgt Ion:	162	Resp:	54674
Ion Ratio	Lower	Upper	
162	100		
127	40.3	29.5	44.3
164	32.3	26.2	39.4



#48
2-Nitroaniline
Concen: 9.340 ng
RT: 13.704 min Scan# 1788
Delta R.T. 0.000 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

Tgt Ion:	65	Resp:	17577
Ion Ratio	Lower	Upper	
65	100		
92	57.4	47.6	71.4
138	73.7	65.8	98.8

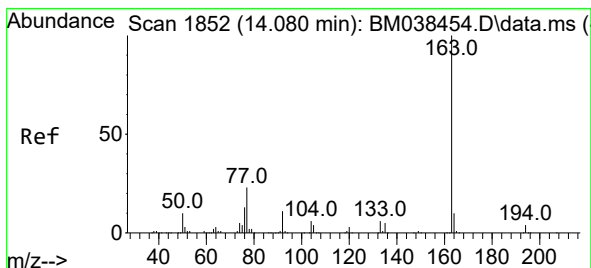
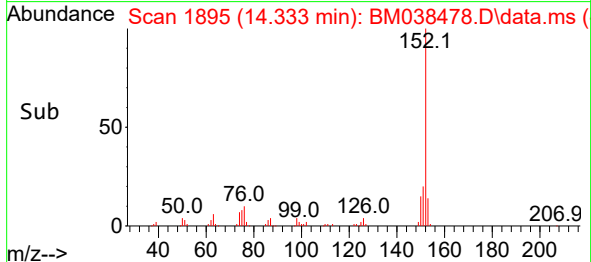
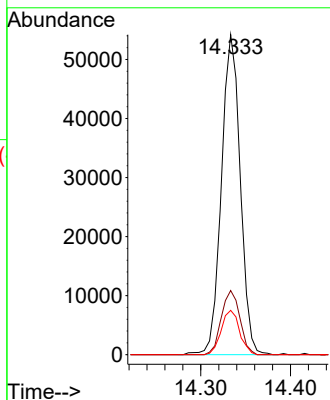
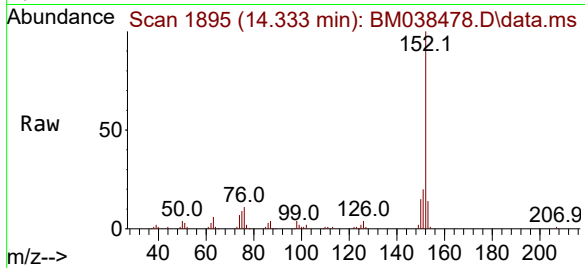




#49
Acenaphthylene
Concen: 8.341 ng
RT: 14.333 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

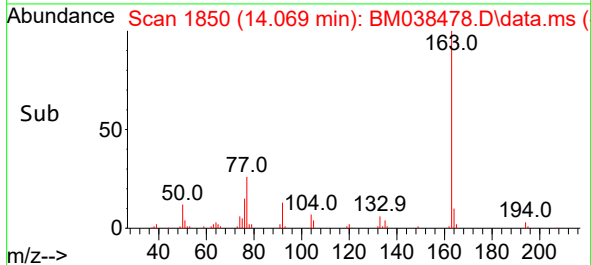
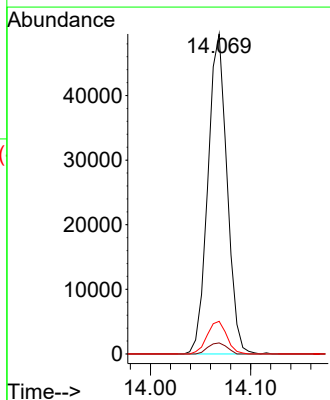
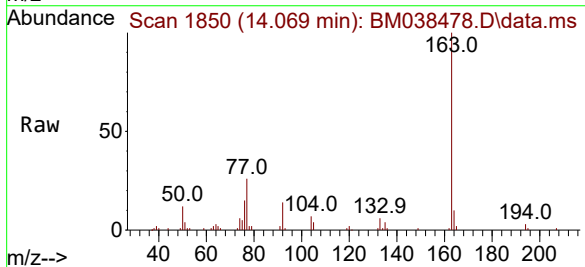
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022

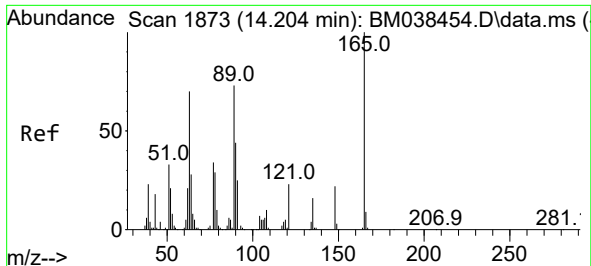
Tgt Ion:152 Resp: 79058
Ion Ratio Lower Upper
152 100
151 20.0 16.4 24.6
153 13.9 10.6 15.8



#50
Dimethylphthalate
Concen: 8.250 ng
RT: 14.069 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

Tgt Ion:163 Resp: 65831
Ion Ratio Lower Upper
163 100
194 3.5 3.6 5.4#
164 10.2 7.8 11.8





#51

2,6-Dinitrotoluene

Concen: 7.895 ng

RT: 14.192 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM038478.D

Acq: 18 Jan 2023 13:50

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2022

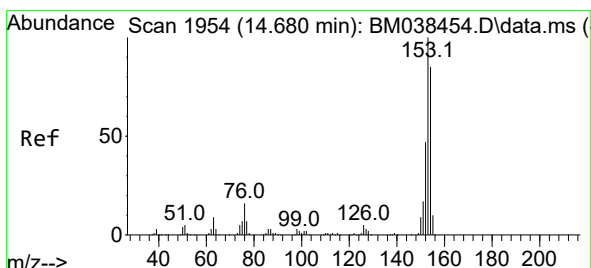
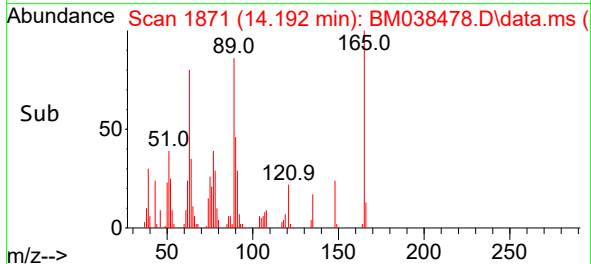
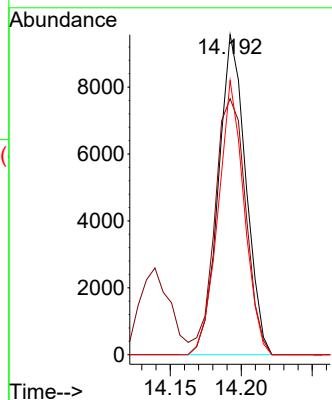
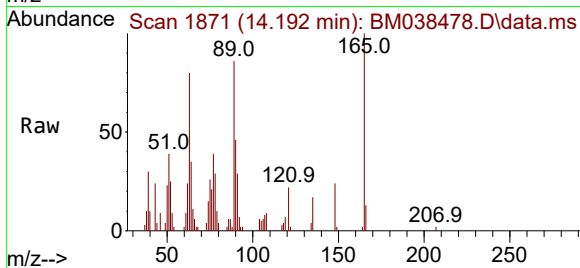
Tgt Ion:165 Resp: 12815

Ion Ratio Lower Upper

165 100

63 80.0 60.9 91.3

89 85.7 58.6 87.8



#52

Acenaphthene

Concen: 8.367 ng

RT: 14.674 min Scan# 1953

Delta R.T. 0.000 min

Lab File: BM038478.D

Acq: 18 Jan 2023 13:50

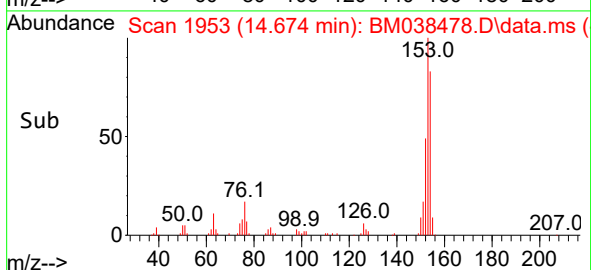
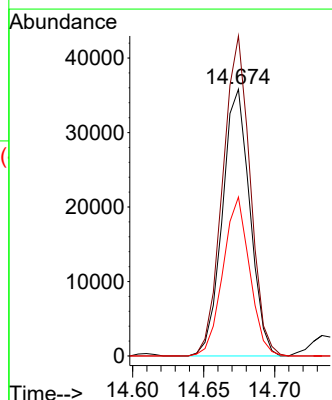
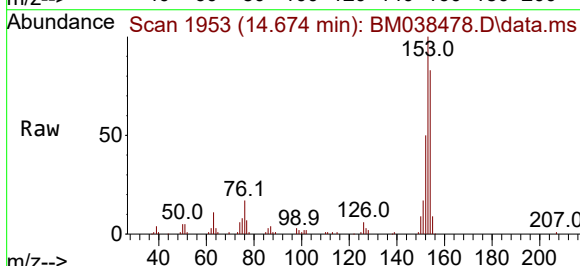
Tgt Ion:154 Resp: 48192

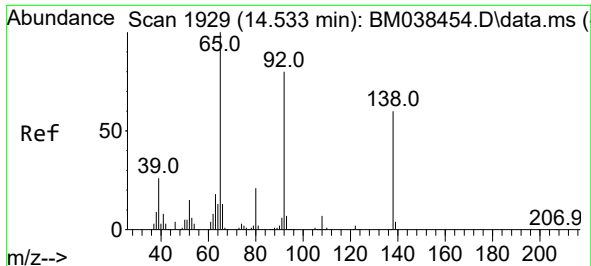
Ion Ratio Lower Upper

154 100

153 119.9 93.8 140.6

152 59.6 44.2 66.4

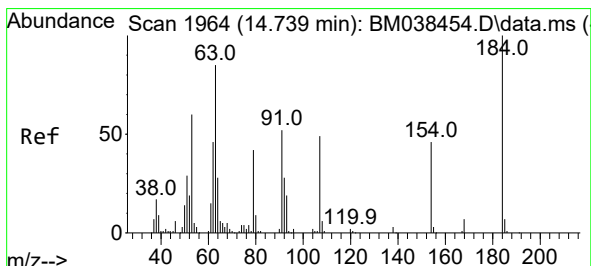
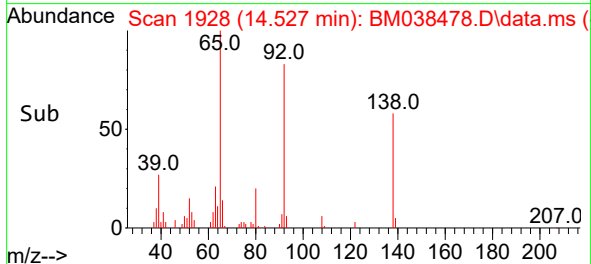
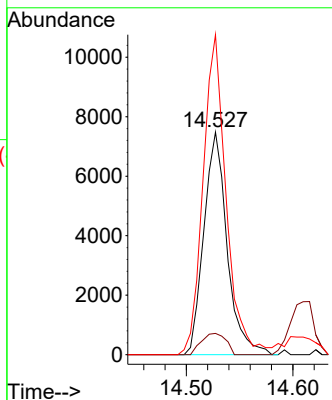
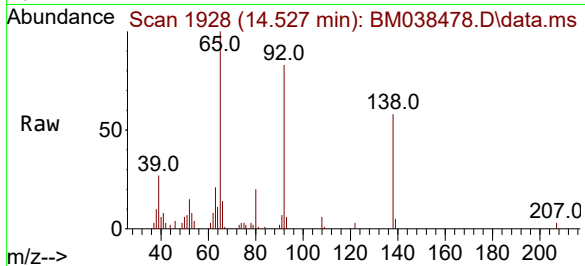




#53
3-Nitroaniline
Concen: 8.655 ng
RT: 14.527 min Scan# 1928
Delta R.T. 0.000 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

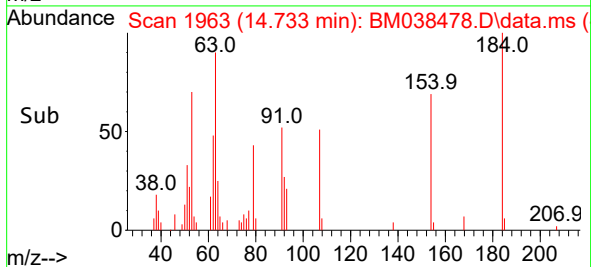
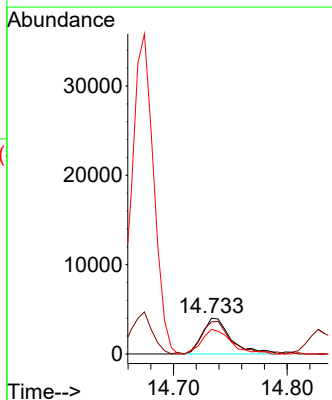
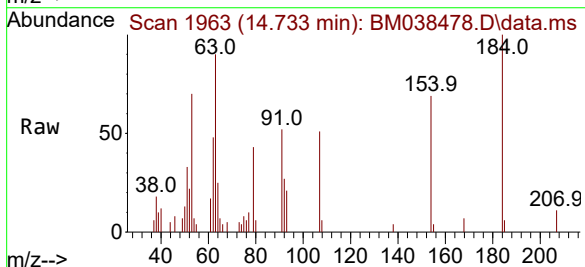
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022

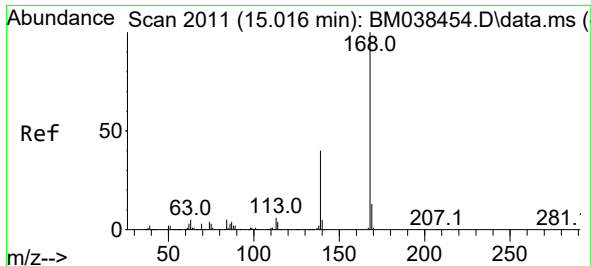
Tgt Ion:138 Resp: 11359
Ion Ratio Lower Upper
138 100
108 9.6 8.9 13.3
92 143.8 106.4 159.6



#54
2,4-Dinitrophenol
Concen: 10.388 ng
RT: 14.733 min Scan# 1963
Delta R.T. 0.000 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

Tgt Ion:184 Resp: 6941
Ion Ratio Lower Upper
184 100
63 89.6 70.0 105.0
154 68.8 55.6 83.4

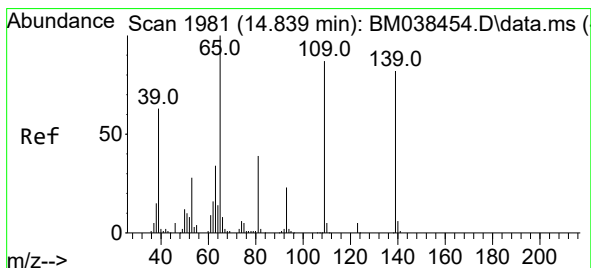
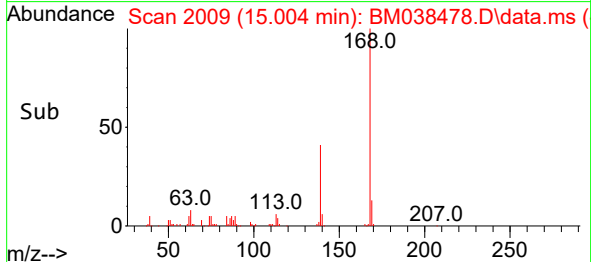
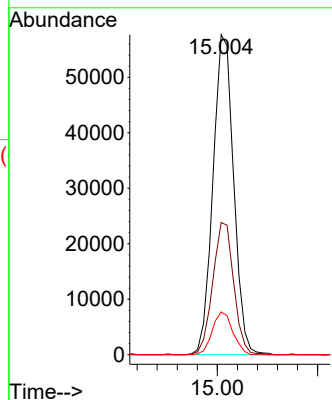
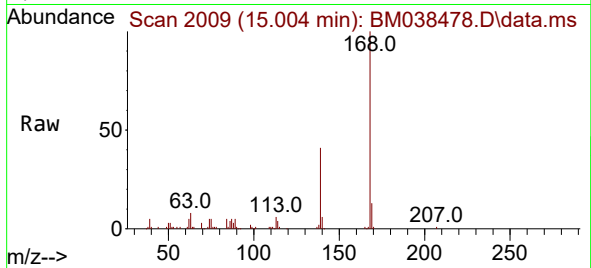




#55
Dibenzenofuran
Concen: 8.417 ng
RT: 15.004 min Scan# 20
Delta R.T. -0.006 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

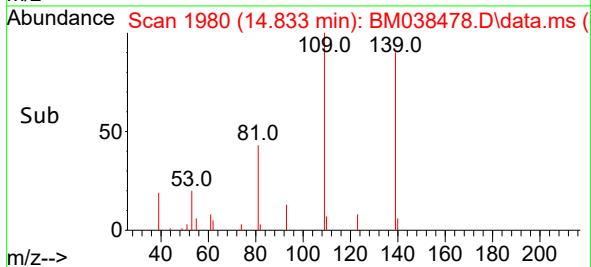
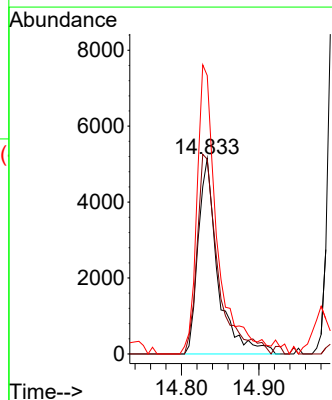
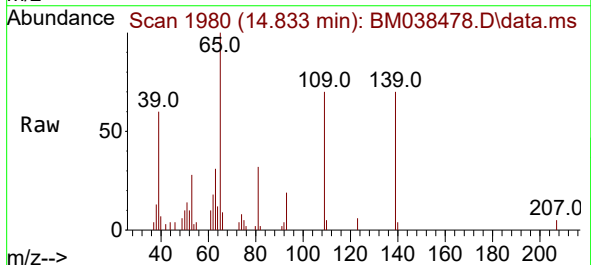
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022

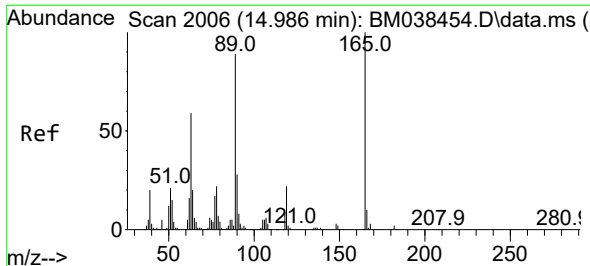
Tgt Ion:168 Resp: 82543
Ion Ratio Lower Upper
168 100
139 41.3 31.9 47.9
169 13.3 10.5 15.7



#56
4-Nitrophenol
Concen: 9.760 ng
RT: 14.833 min Scan# 1980
Delta R.T. 0.006 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

Tgt Ion:139 Resp: 9110
Ion Ratio Lower Upper
139 100
109 99.6 86.0 126.0
65 142.4 102.7 142.7

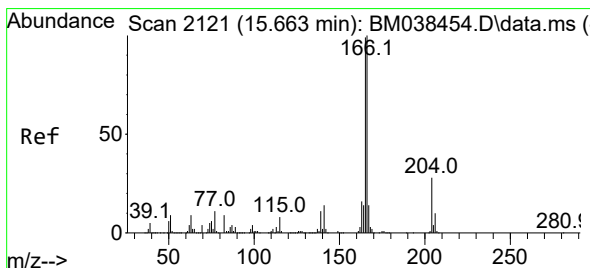
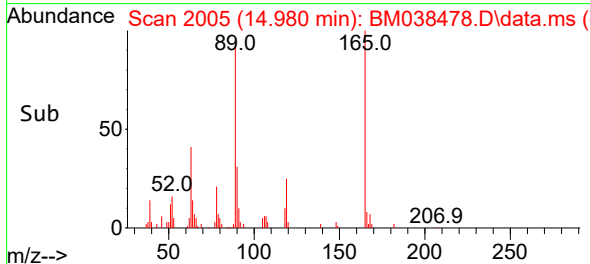
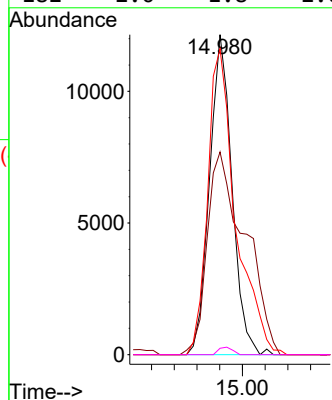
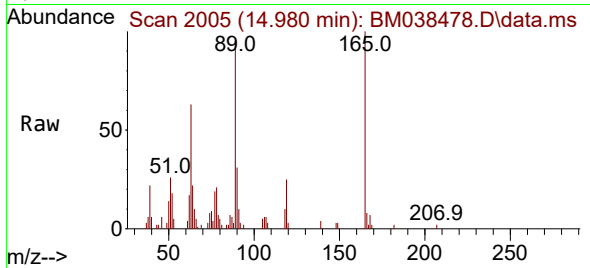




#57
2,4-Dinitrotoluene
Concen: 7.396 ng
RT: 14.980 min Scan# 2006
Delta R.T. 0.000 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

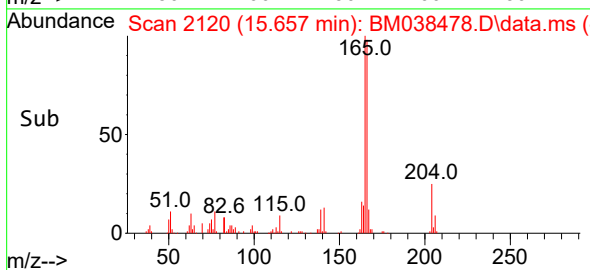
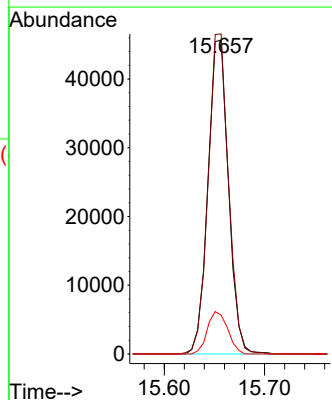
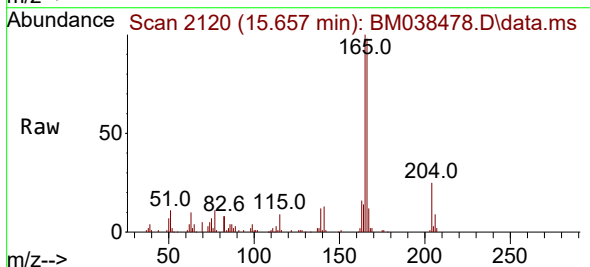
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022

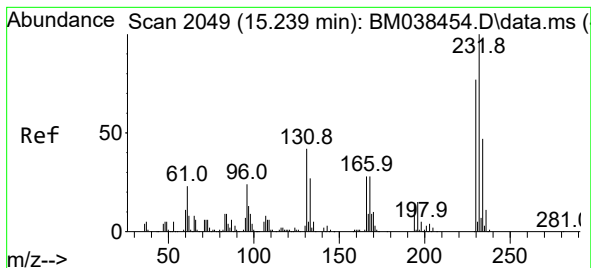
Tgt Ion:165 Resp: 16690
Ion Ratio Lower Upper
165 100
63 63.3 47.7 71.5
89 95.6 71.5 107.3
182 2.0 1.8 2.6



#58
Fluorene
Concen: 7.911 ng
RT: 15.657 min Scan# 2120
Delta R.T. 0.000 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

Tgt Ion:166 Resp: 64825
Ion Ratio Lower Upper
166 100
165 101.9 79.2 118.8
167 12.3 11.0 16.4

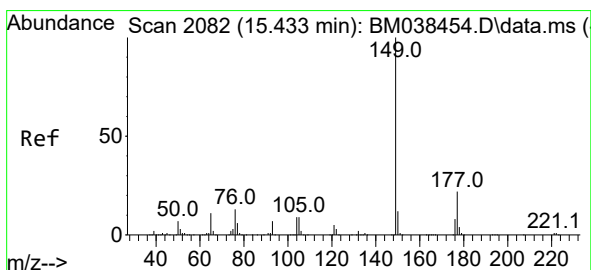
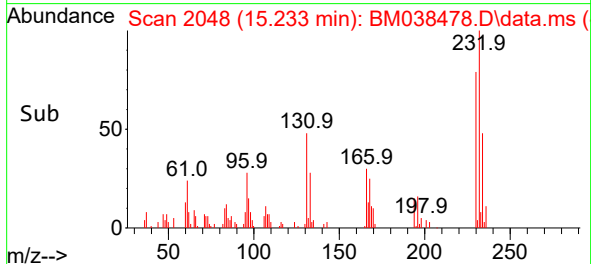
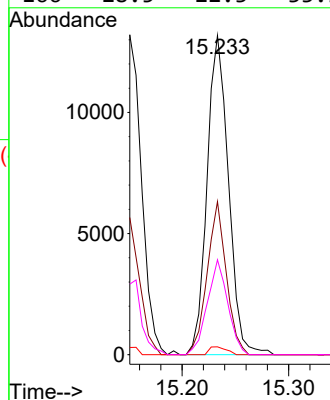
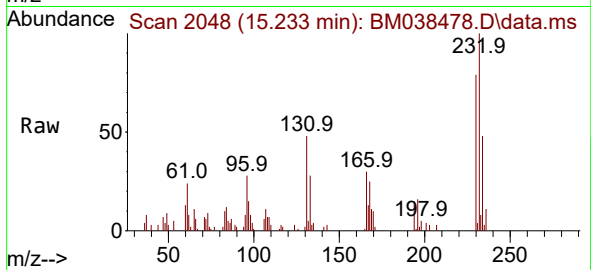




#59
2,3,4,6-Tetrachlorophenol
Concen: 7.551 ng
RT: 15.233 min Scan# 2048
Delta R.T. 0.000 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

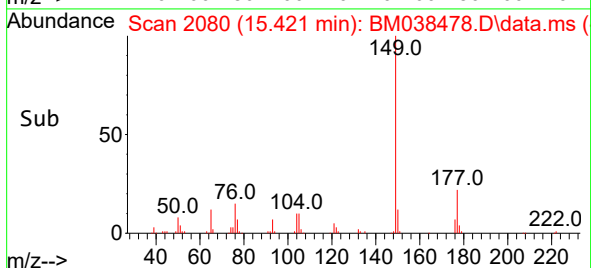
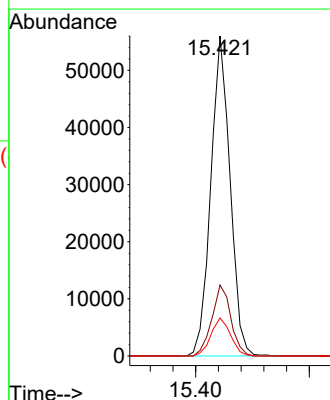
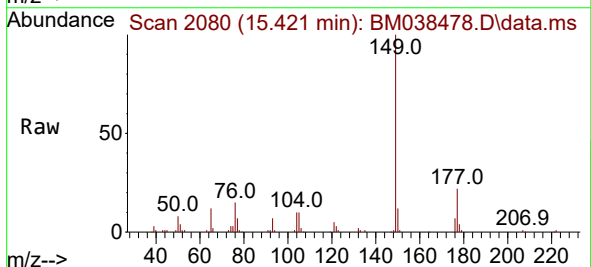
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022

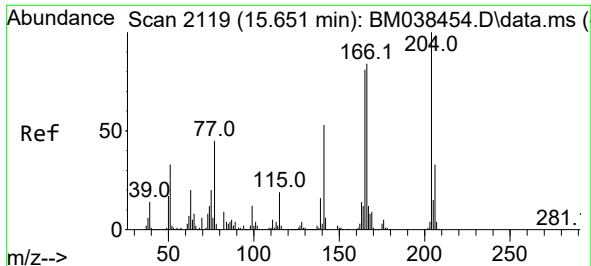
Tgt Ion:232 Resp: 18388
Ion Ratio Lower Upper
232 100
131 43.1 33.8 50.6
130 2.0 1.9 2.9
166 28.5 22.3 33.5



#60
Diethylphthalate
Concen: 8.051 ng
RT: 15.421 min Scan# 2080
Delta R.T. 0.000 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

Tgt Ion:149 Resp: 65903
Ion Ratio Lower Upper
149 100
177 22.2 17.8 26.6
150 11.8 9.5 14.3

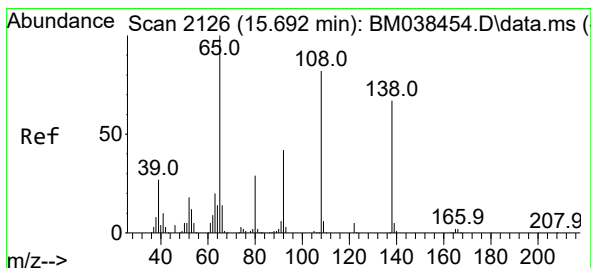
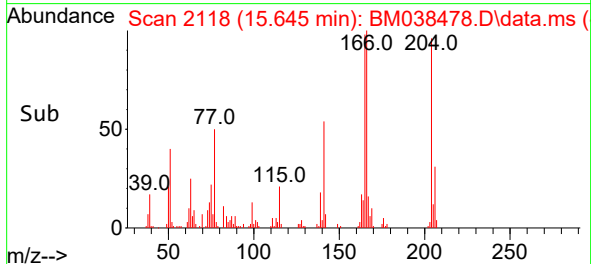
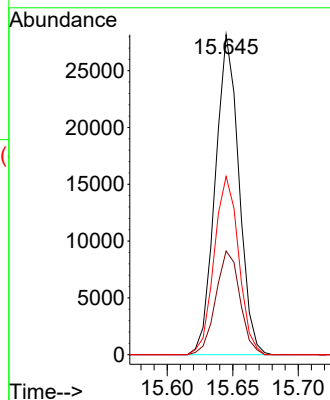
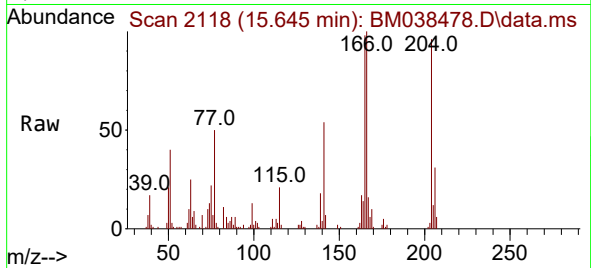




#61
4-Chlorophenyl-phenylether
Concen: 7.844 ng
RT: 15.645 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

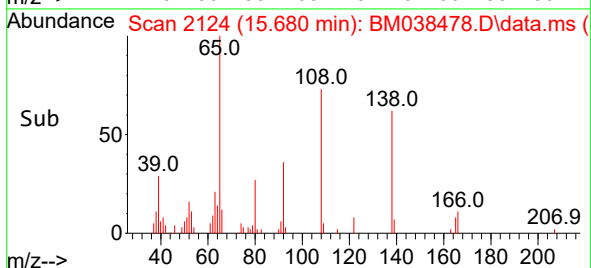
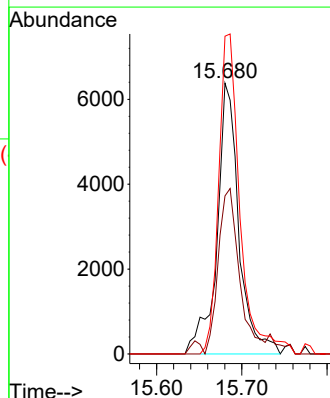
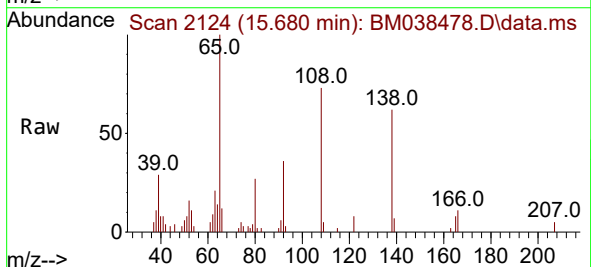
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022

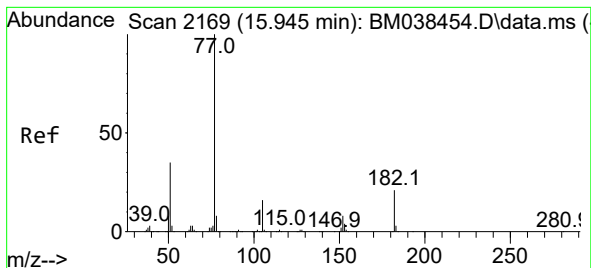
Tgt Ion:204 Resp: 35279
Ion Ratio Lower Upper
204 100
206 32.4 26.2 39.4
141 55.7 42.5 63.7



#62
4-Nitroaniline
Concen: 8.564 ng
RT: 15.680 min Scan# 2124
Delta R.T. -0.006 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

Tgt Ion:138 Resp: 11383
Ion Ratio Lower Upper
138 100
92 58.4 42.1 82.1
108 117.4 102.5 142.5





#63

Azobenzene

Concen: 8.781 ng

RT: 15.939 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM038478.D

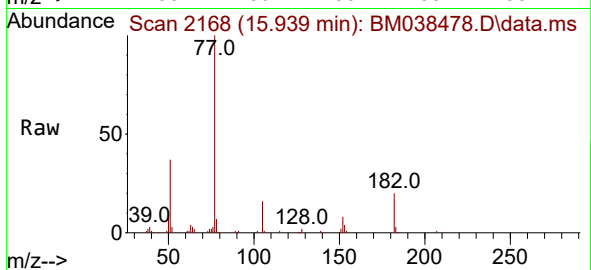
Acq: 18 Jan 2023 13:50

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2022



Tgt Ion: 77 Resp: 79088

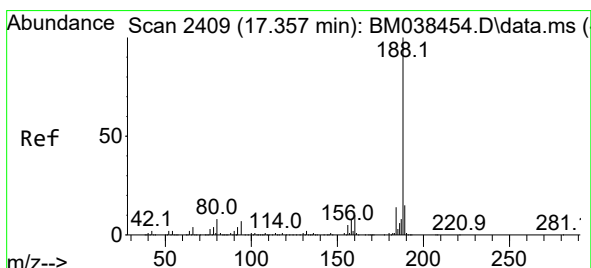
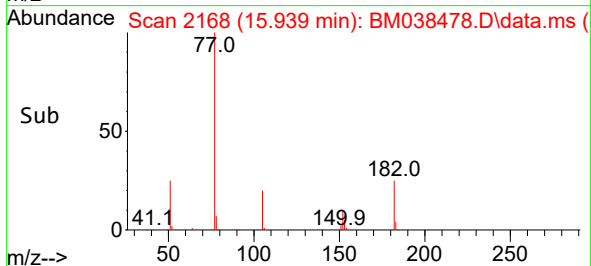
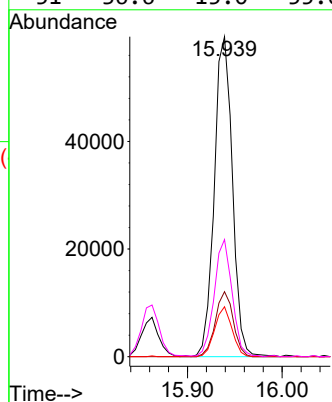
Ion Ratio Lower Upper

77 100

182 20.3 1.1 41.1

105 15.6 0.0 36.4

51 36.6 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: BM038478.D

Acq: 18 Jan 2023 13:50

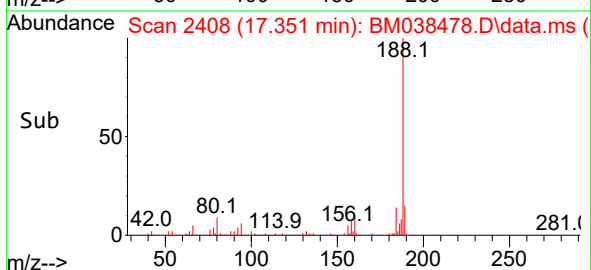
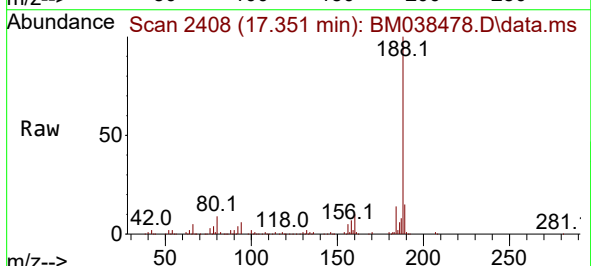
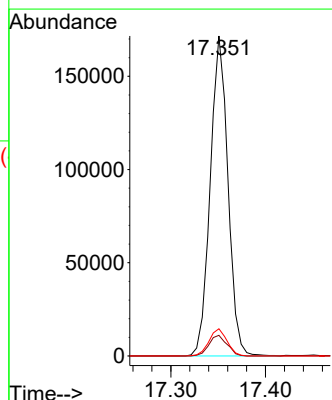
Tgt Ion: 188 Resp: 222712

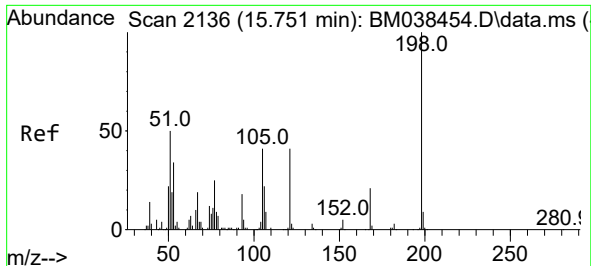
Ion Ratio Lower Upper

188 100

94 6.4 5.4 8.0

80 8.5 6.5 9.7

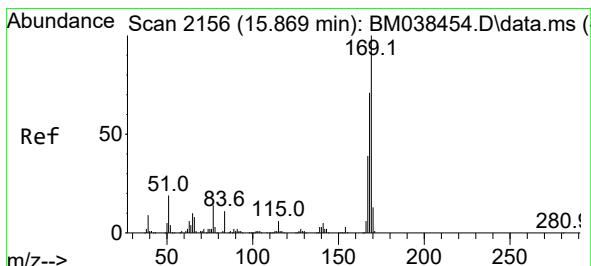
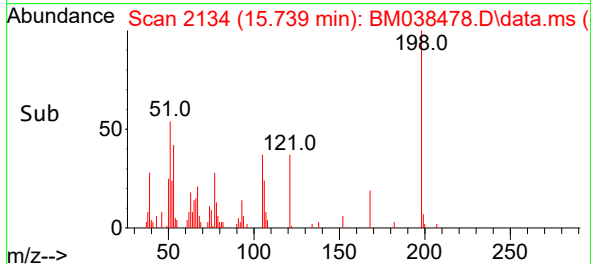
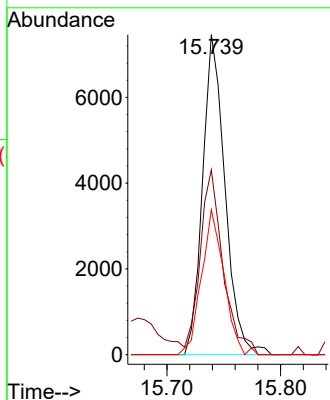
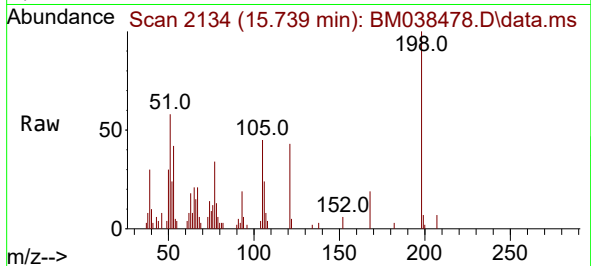




#65
4,6-Dinitro-2-methylphenol
Concen: 6.762 ng
RT: 15.739 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

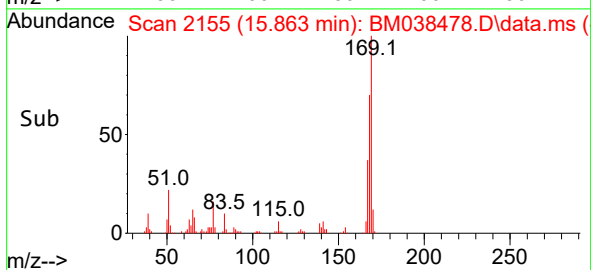
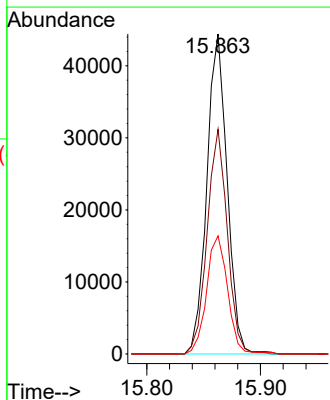
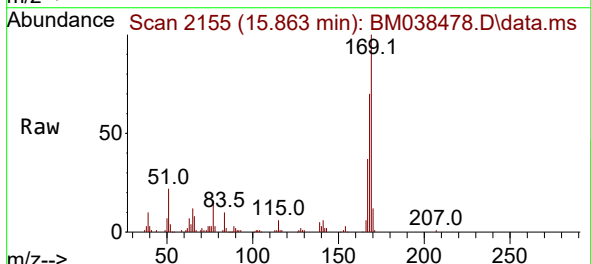
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022

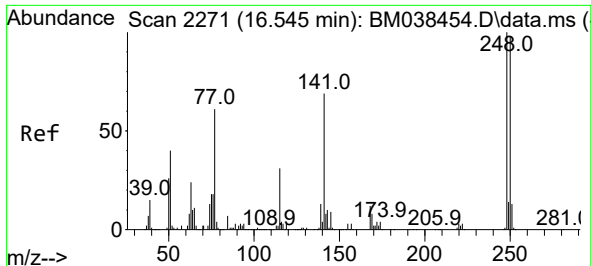
Tgt Ion	Ratio	Lower	Upper
198	100		
51	57.8	31.6	71.6
105	45.3	21.5	61.5



#66
n-Nitrosodiphenylamine
Concen: 8.428 ng
RT: 15.863 min Scan# 2155
Delta R.T. 0.000 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

Tgt Ion	Ratio	Lower	Upper
169	100		
168	70.2	56.6	85.0
167	36.9	31.1	46.7

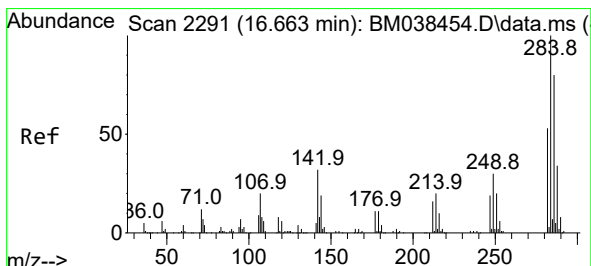
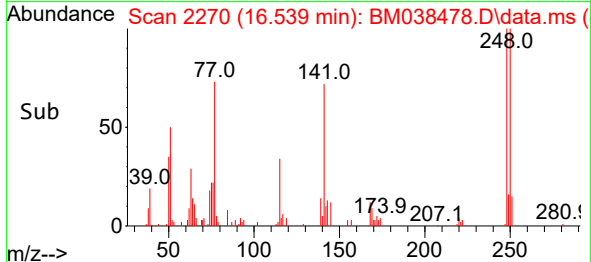
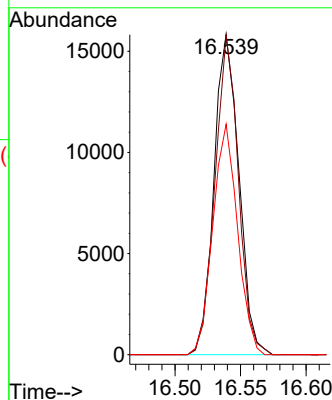
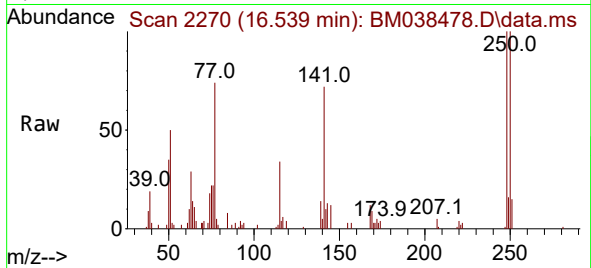




#67
4-Bromophenyl-phenylether
Concen: 8.096 ng
RT: 16.539 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

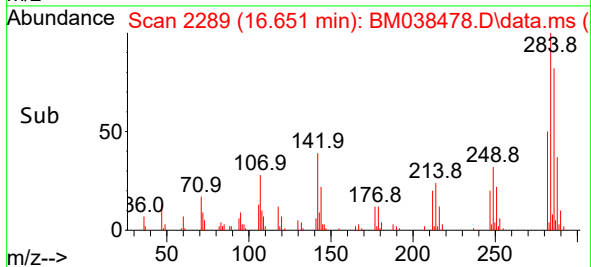
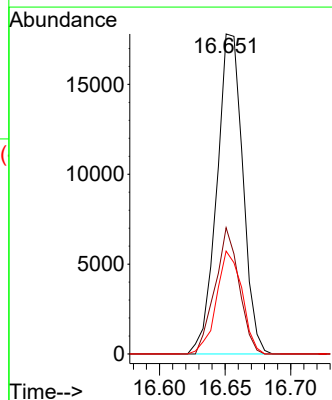
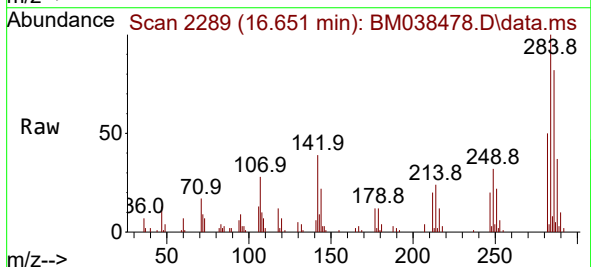
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022

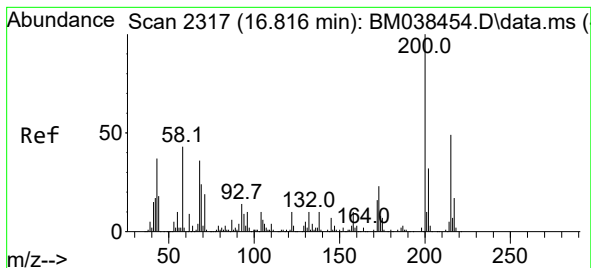
Tgt Ion:248 Resp: 20856
Ion Ratio Lower Upper
248 100
250 99.8 78.3 117.5
141 72.0 55.1 82.7



#68
Hexachlorobenzene
Concen: 8.502 ng
RT: 16.651 min Scan# 2289
Delta R.T. -0.006 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

Tgt Ion:284 Resp: 24527
Ion Ratio Lower Upper
284 100
142 39.4 26.0 39.0#
249 32.1 23.8 35.8





#69

Atrazine

Concen: 8.581 ng

RT: 16.810 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM038478.D

Acq: 18 Jan 2023 13:50

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2022

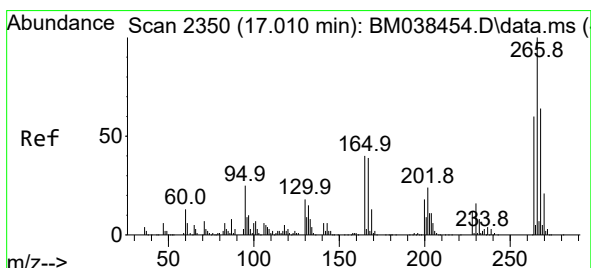
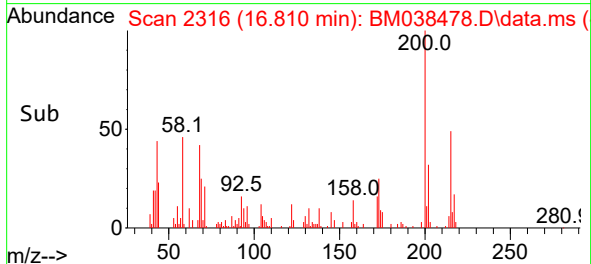
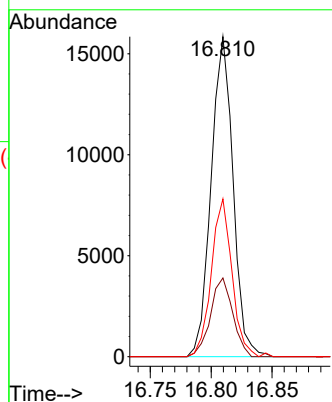
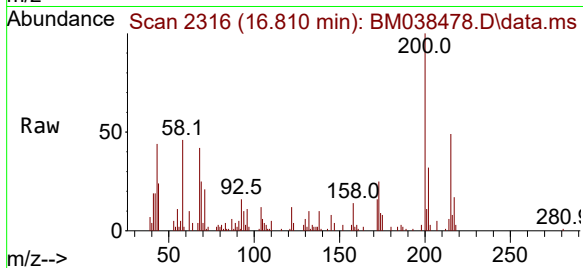
Tgt Ion:200 Resp: 19830

Ion Ratio Lower Upper

200 100

173 24.6 3.4 43.4

215 49.3 29.3 69.3



#70

Pentachlorophenol

Concen: 6.568 ng

RT: 17.004 min Scan# 2349

Delta R.T. 0.006 min

Lab File: BM038478.D

Acq: 18 Jan 2023 13:50

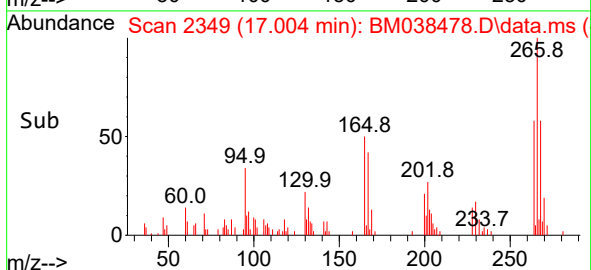
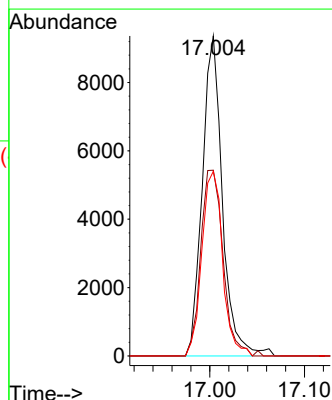
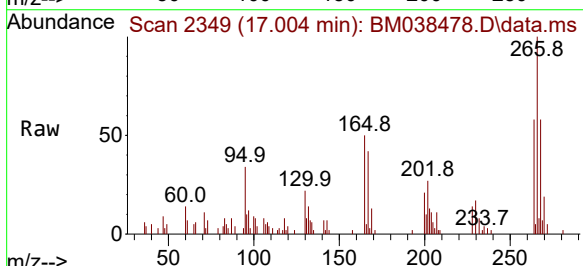
Tgt Ion:266 Resp: 13832

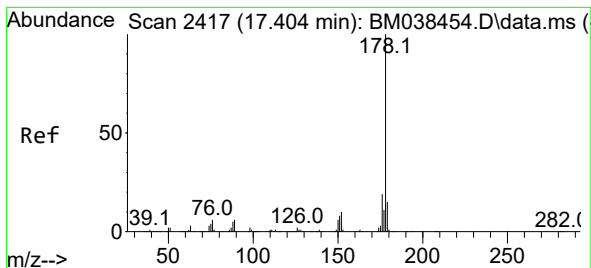
Ion Ratio Lower Upper

266 100

268 58.1 51.4 77.0

264 57.7 48.2 72.2





#71

Phenanthrene

Concen: 8.474 ng

RT: 17.392 min Scan# 2415

Delta R.T. 0.000 min

Lab File: BM038478.D

Acq: 18 Jan 2023 13:50

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2022

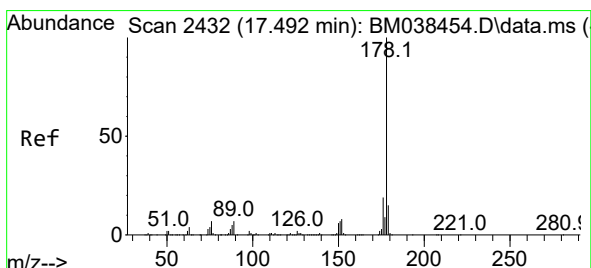
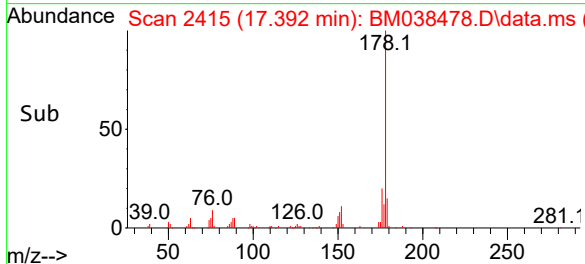
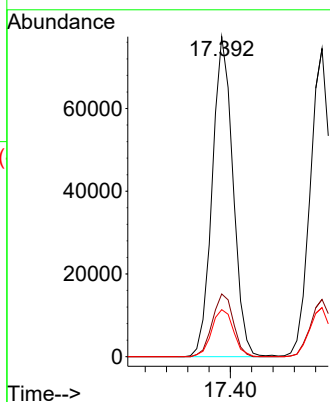
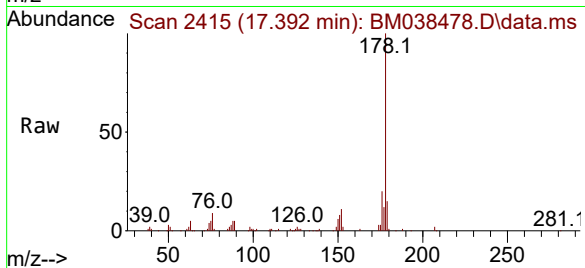
Tgt Ion:178 Resp: 104413

Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.0

179 14.7 12.1 18.1



#72

Anthracene

Concen: 8.069 ng

RT: 17.486 min Scan# 2431

Delta R.T. 0.000 min

Lab File: BM038478.D

Acq: 18 Jan 2023 13:50

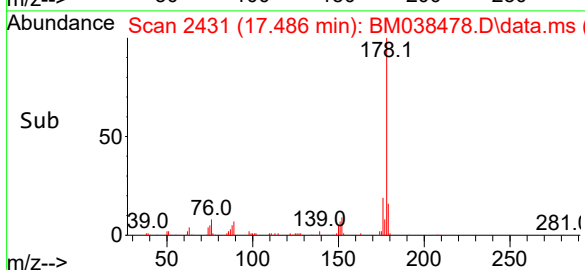
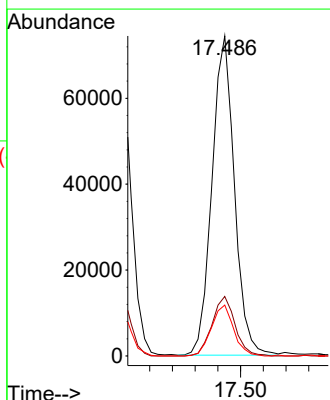
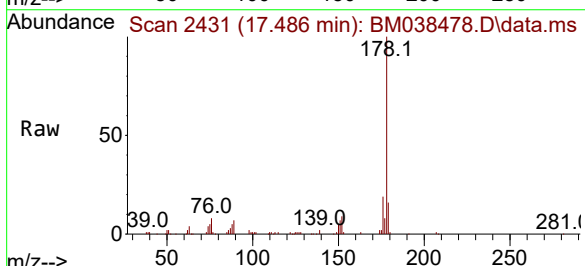
Tgt Ion:178 Resp: 102182

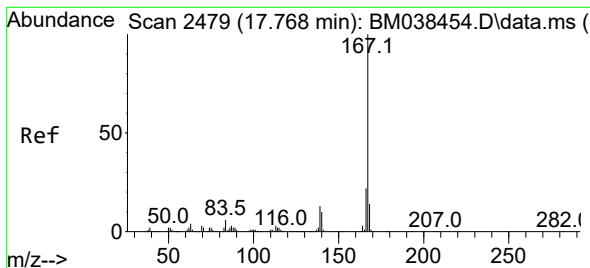
Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.6

179 15.9 12.2 18.2





#73

Carbazole

Concen: 8.105 ng

RT: 17.757 min Scan# 2477

Delta R.T. 0.000 min

Lab File: BM038478.D

Acq: 18 Jan 2023 13:50

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2022

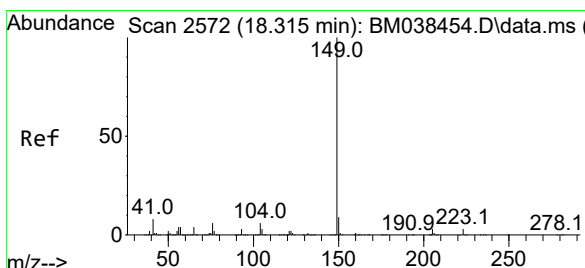
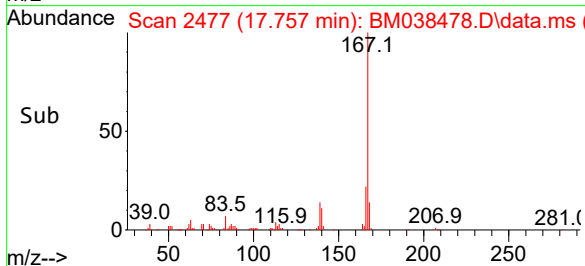
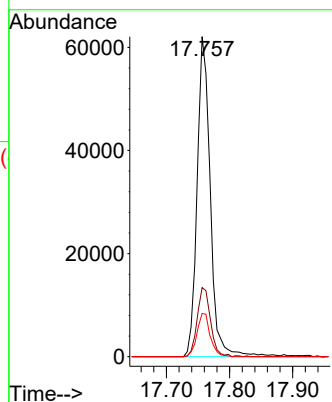
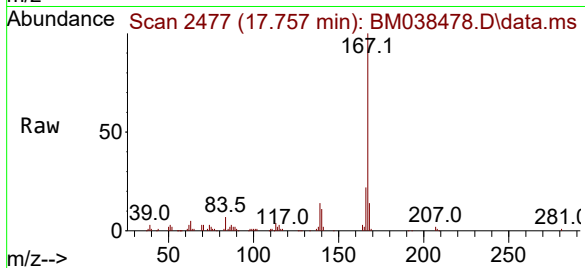
Tgt Ion:167 Resp: 89756

Ion Ratio Lower Upper

167 100

166 21.6 17.4 26.0

139 13.5 10.1 15.1



#74

Di-n-butylphthalate

Concen: 8.111 ng

RT: 18.309 min Scan# 2571

Delta R.T. 0.000 min

Lab File: BM038478.D

Acq: 18 Jan 2023 13:50

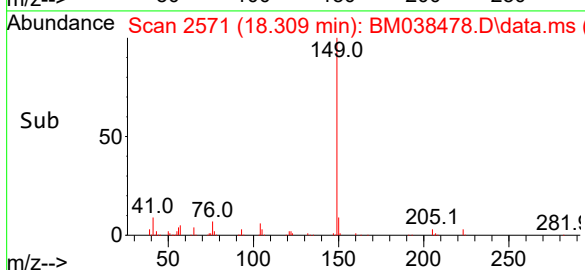
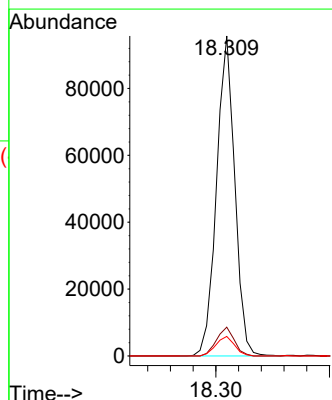
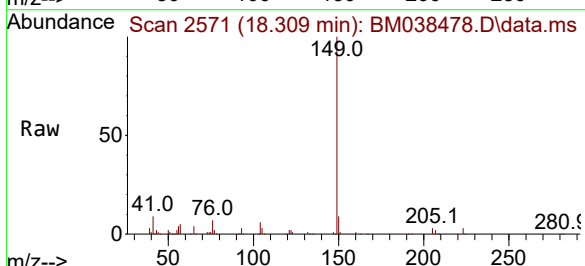
Tgt Ion:149 Resp: 106671

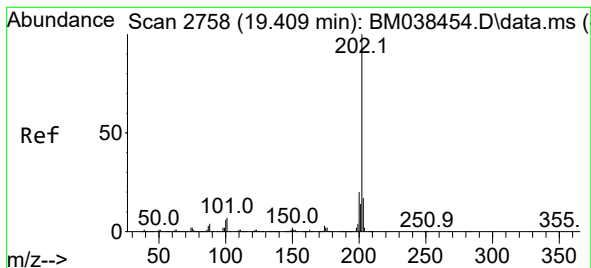
Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.2

104 6.1 4.7 7.1





#75

Fluoranthene

Concen: 7.692 ng

RT: 19.404 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM038478.D

Acq: 18 Jan 2023 13:50

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2022

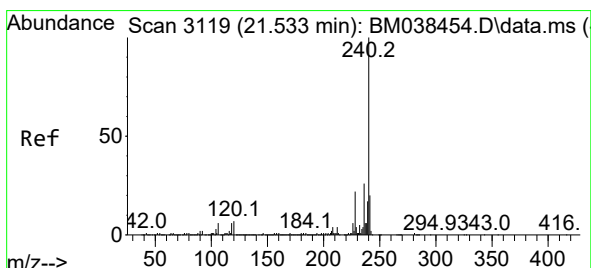
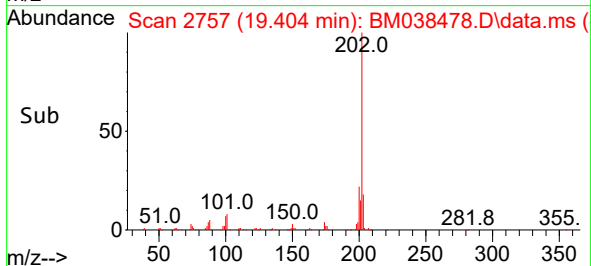
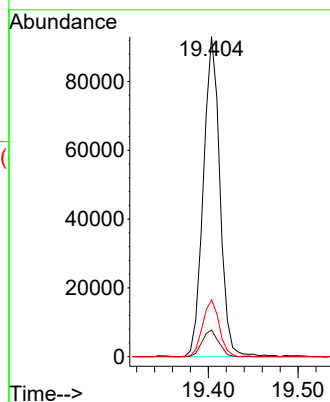
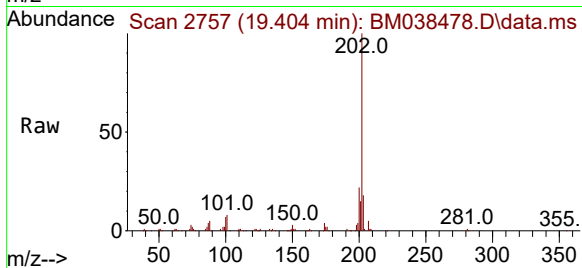
Tgt Ion:202 Resp: 119152

Ion Ratio Lower Upper

202 100

101 8.3 0.0 27.4

203 17.7 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: BM038478.D

Acq: 18 Jan 2023 13:50

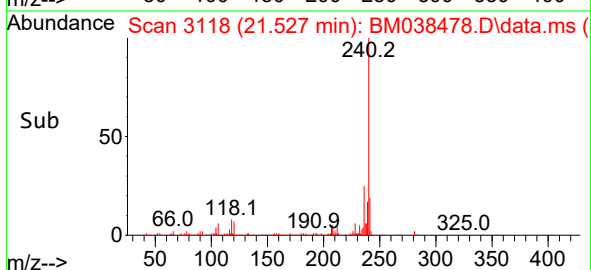
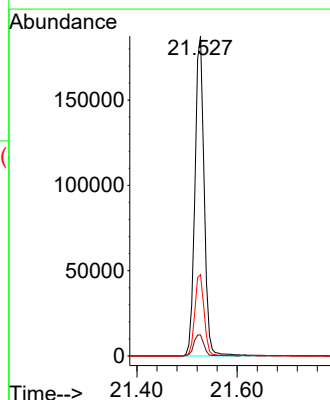
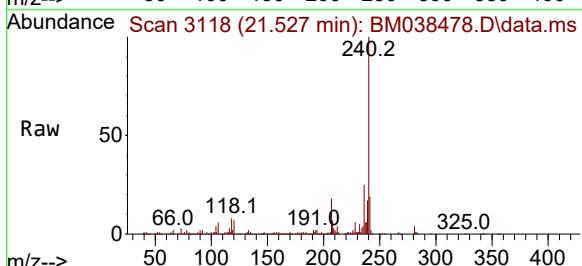
Tgt Ion:240 Resp: 239576

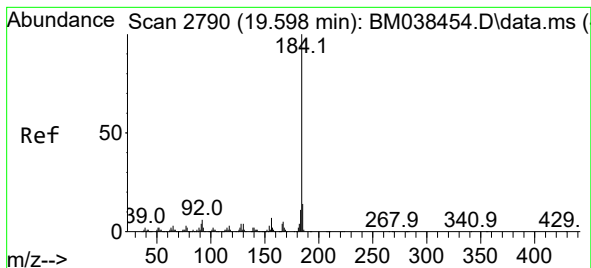
Ion Ratio Lower Upper

240 100

120 6.6 5.6 8.4

236 25.4 21.0 31.4





#77

Benzidine

Concen: 10.437 ng

RT: 19.592 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM038478.D

Acq: 18 Jan 2023 13:50

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2022

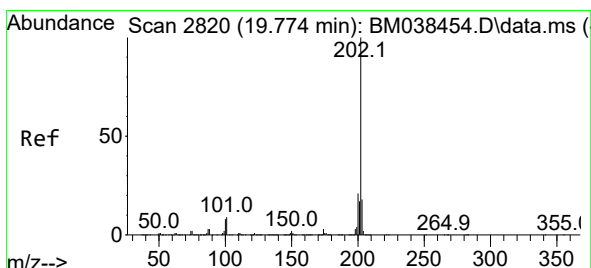
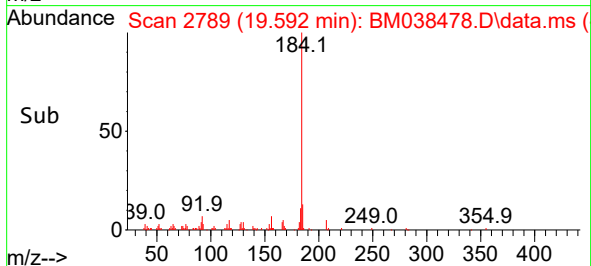
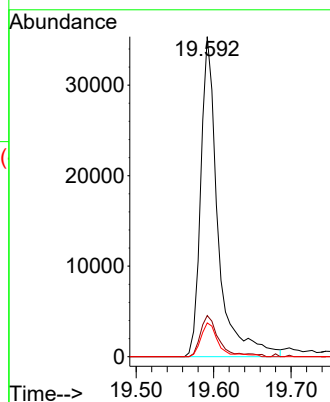
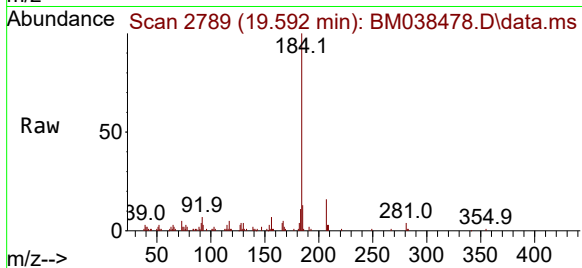
Tgt Ion:184 Resp: 54790

Ion Ratio Lower Upper

184 100

185 12.8 11.1 16.7

183 10.6 8.6 13.0



#78

Pyrene

Concen: 8.165 ng

RT: 19.768 min Scan# 2819

Delta R.T. 0.000 min

Lab File: BM038478.D

Acq: 18 Jan 2023 13:50

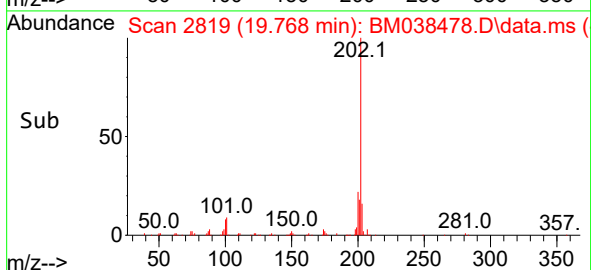
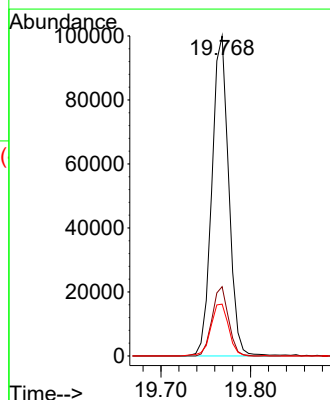
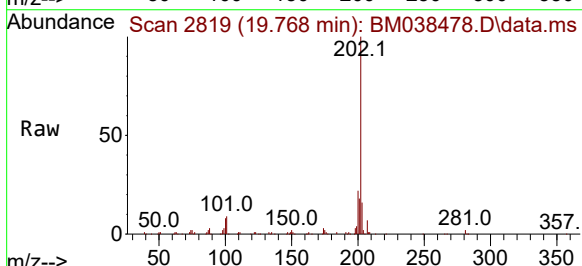
Tgt Ion:202 Resp: 130181

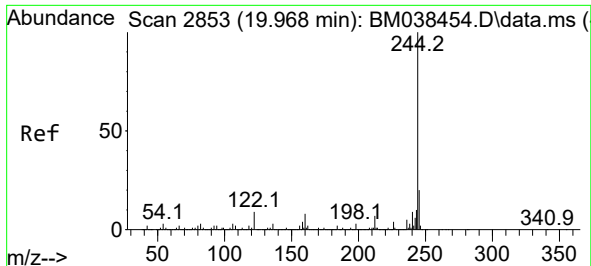
Ion Ratio Lower Upper

202 100

200 21.7 16.9 25.3

203 16.2 14.2 21.2

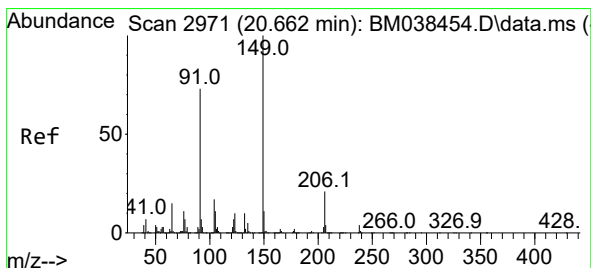
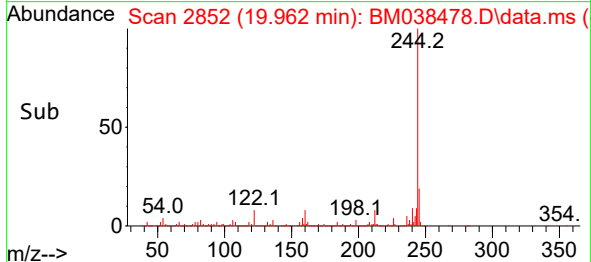
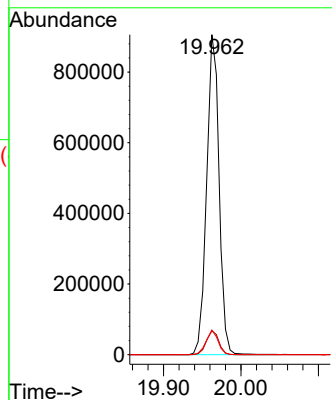
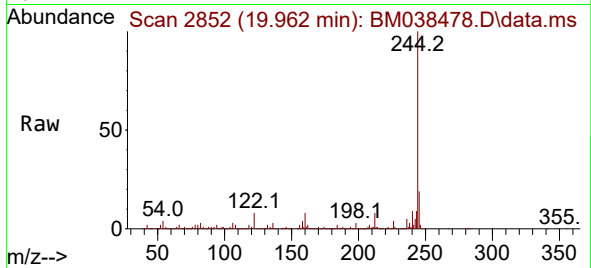




#79
 Terphenyl-d14
 Concen: 78.791 ng
 RT: 19.962 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM038478.D
 Acq: 18 Jan 2023 13:50

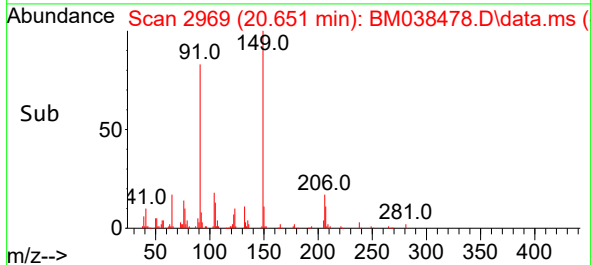
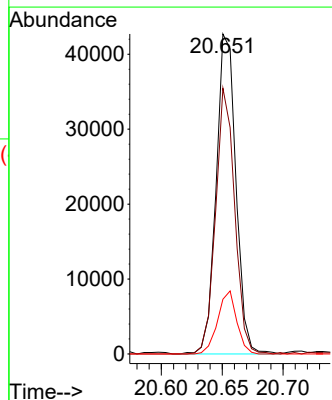
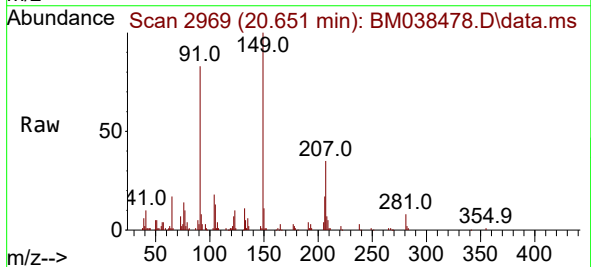
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT3-2022

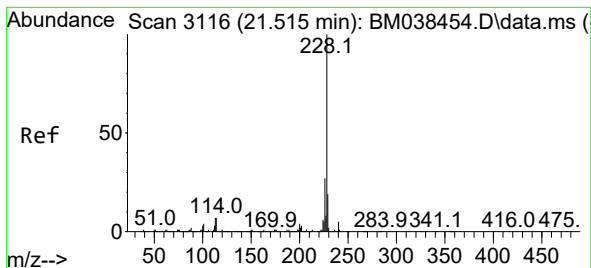
Tgt Ion:244 Resp: 1008338
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.8
 122 7.7 7.1 10.7



#80
 Butylbenzylphthalate
 Concen: 8.297 ng
 RT: 20.651 min Scan# 2969
 Delta R.T. -0.006 min
 Lab File: BM038478.D
 Acq: 18 Jan 2023 13:50

Tgt Ion:149 Resp: 48352
 Ion Ratio Lower Upper
 149 100
 91 83.1 58.3 87.5
 206 17.1 16.7 25.1





#81

Benzo(a)anthracene

Concen: 8.452 ng

RT: 21.509 min Scan# 3115

Delta R.T. 0.000 min

Lab File: BM038478.D

Acq: 18 Jan 2023 13:50

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2022

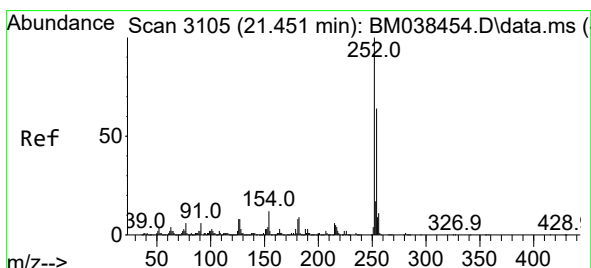
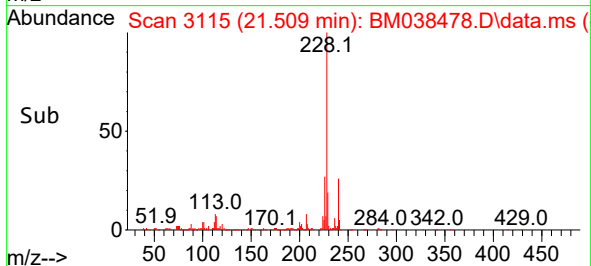
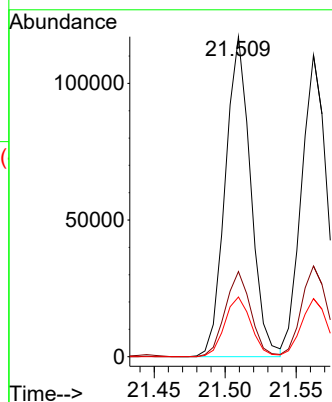
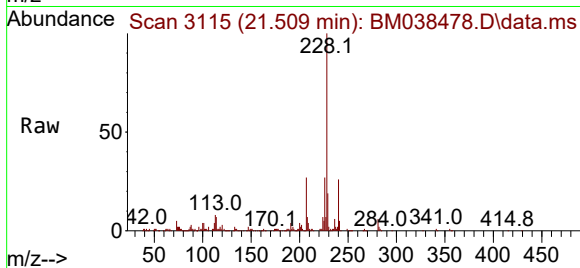
Tgt Ion:228 Resp: 145631

Ion Ratio Lower Upper

228 100

226 26.6 22.0 33.0

229 18.7 15.4 23.0



#82

3,3'-Dichlorobenzidine

Concen: 9.347 ng

RT: 21.445 min Scan# 3104

Delta R.T. 0.000 min

Lab File: BM038478.D

Acq: 18 Jan 2023 13:50

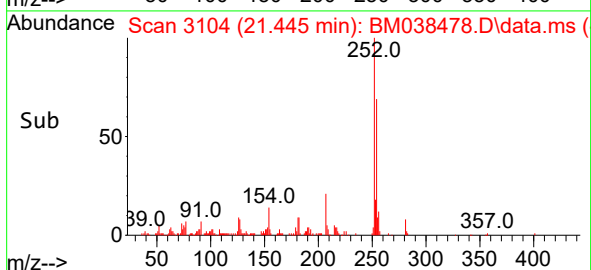
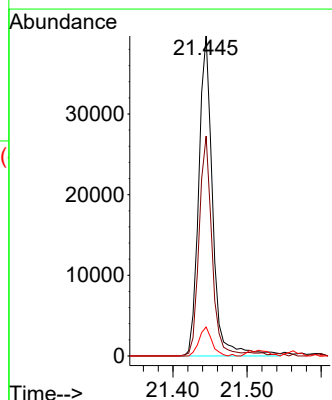
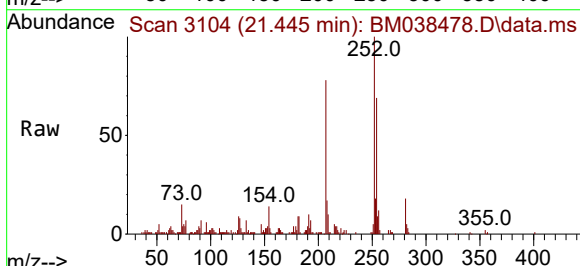
Tgt Ion:252 Resp: 51862

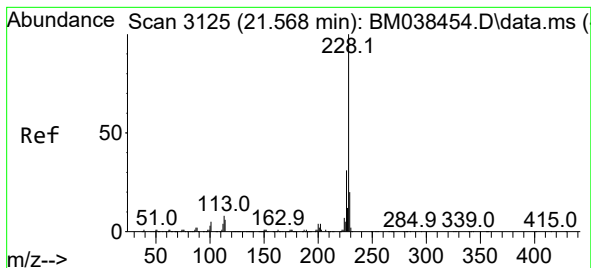
Ion Ratio Lower Upper

252 100

254 68.7 51.2 76.8

126 9.0 6.3 9.5





#83

Chrysene

Concen: 8.289 ng

RT: 21.562 min Scan# 3125

Delta R.T. 0.000 min

Lab File: BM038478.D

Acq: 18 Jan 2023 13:50

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2022

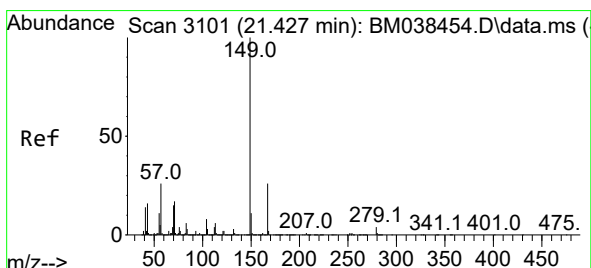
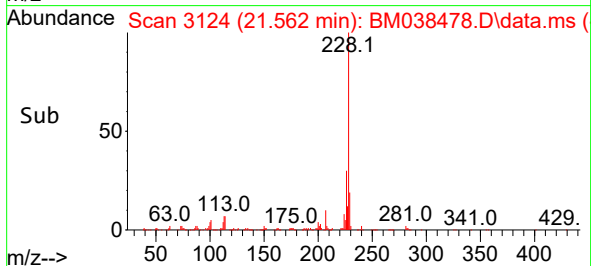
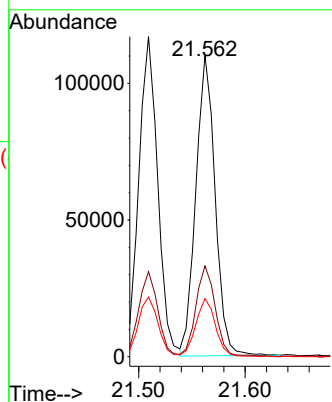
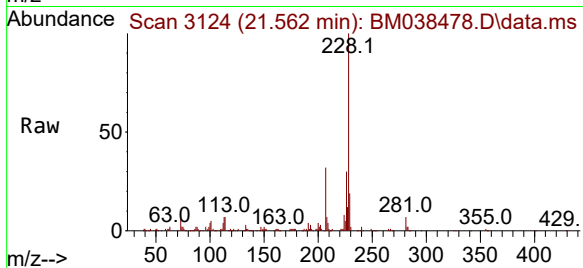
Tgt Ion:228 Resp: 138798

Ion Ratio Lower Upper

228 100

226 30.1 24.6 36.8

229 19.3 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 8.274 ng

RT: 21.421 min Scan# 3100

Delta R.T. 0.000 min

Lab File: BM038478.D

Acq: 18 Jan 2023 13:50

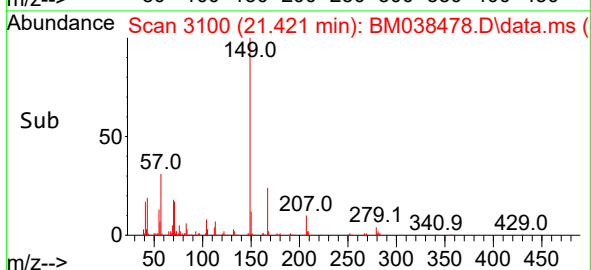
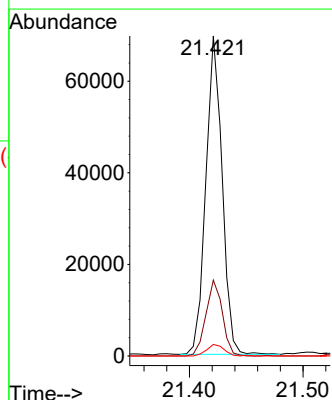
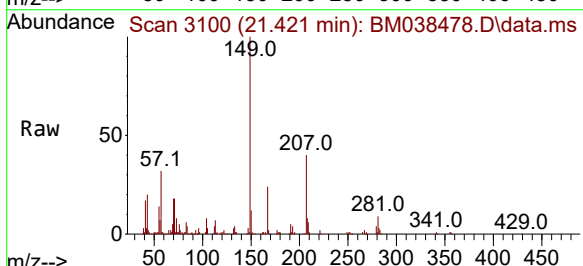
Tgt Ion:149 Resp: 69315

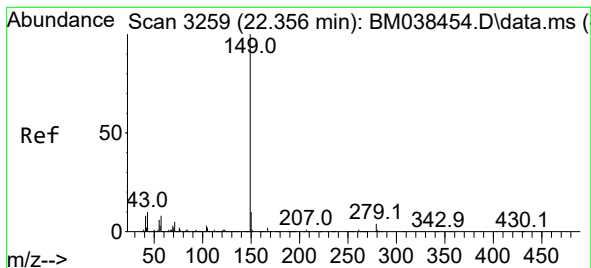
Ion Ratio Lower Upper

149 100

167 23.7 21.0 31.4

279 3.6 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 8.544 ng

RT: 22.350 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM038478.D

Acq: 18 Jan 2023 13:50

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2022

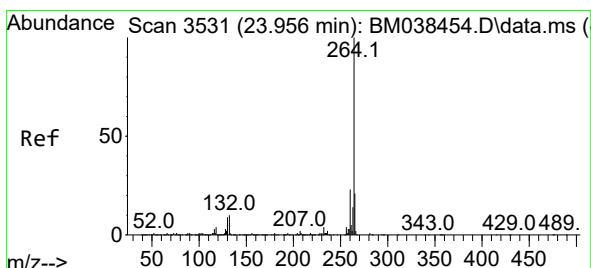
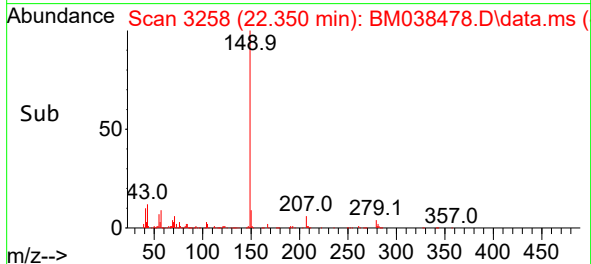
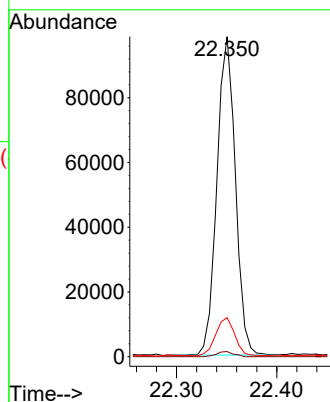
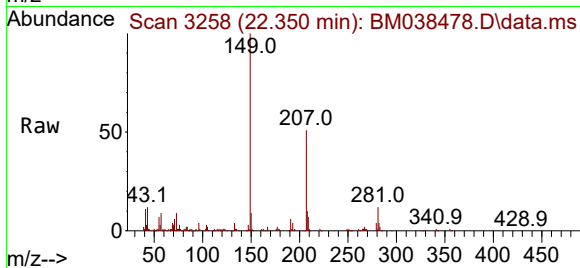
Tgt Ion:149 Resp: 125944

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 12.2 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: BM038478.D

Acq: 18 Jan 2023 13:50

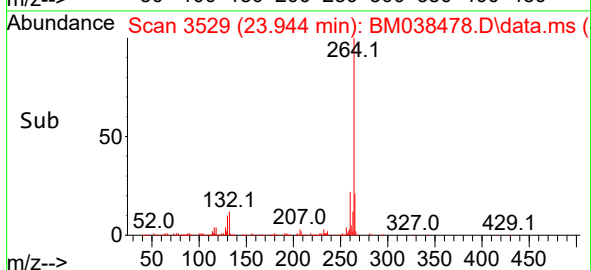
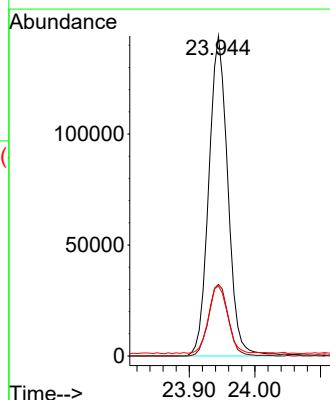
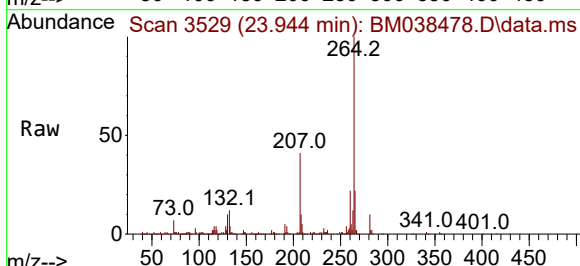
Tgt Ion:264 Resp: 290290

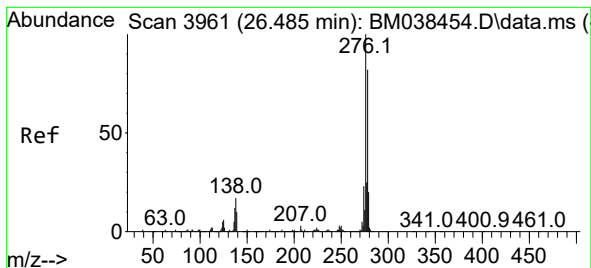
Ion Ratio Lower Upper

264 100

260 22.4 18.2 27.4

265 21.9 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 7.988 ng

RT: 26.462 min Scan# 3957

Delta R.T. -0.006 min

Lab File: BM038478.D

Acq: 18 Jan 2023 13:50

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2022

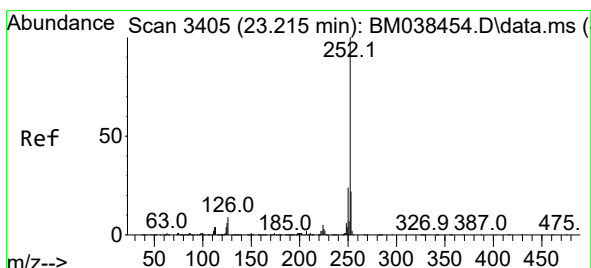
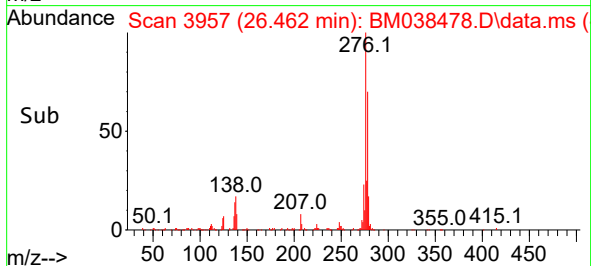
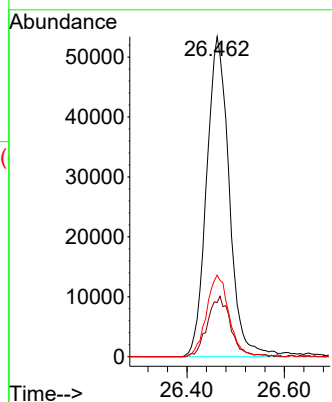
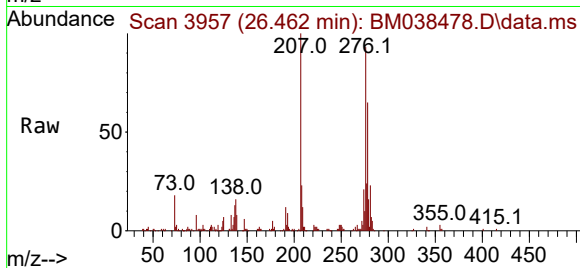
Tgt Ion:276 Resp: 171618

Ion Ratio Lower Upper

276 100

138 19.4 13.4 20.2

277 25.6 19.8 29.8



#88

Benzo(b)fluoranthene

Concen: 8.474 ng

RT: 23.203 min Scan# 3403

Delta R.T. 0.000 min

Lab File: BM038478.D

Acq: 18 Jan 2023 13:50

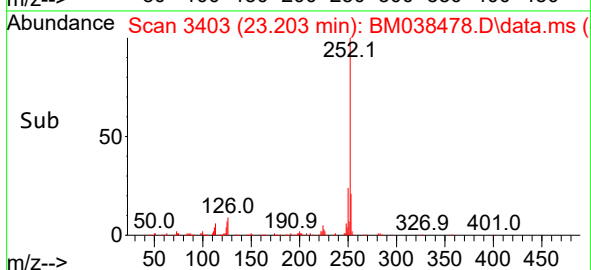
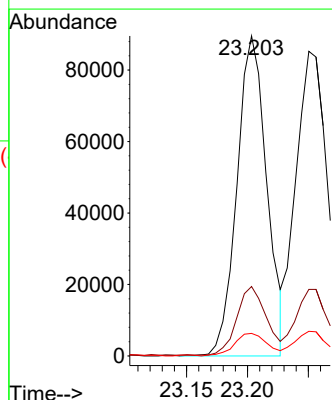
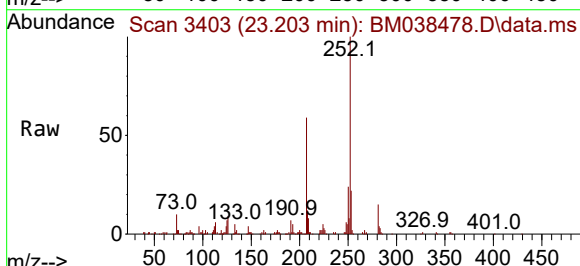
Tgt Ion:252 Resp: 152537

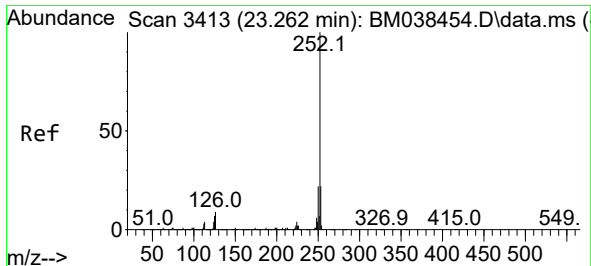
Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.6

125 7.1 5.1 7.7

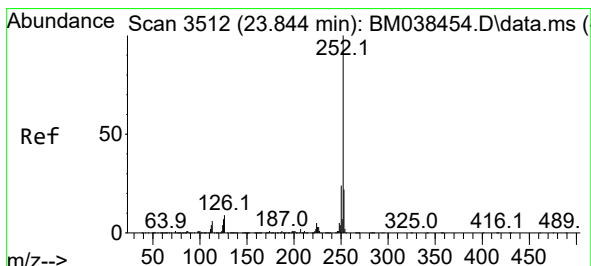
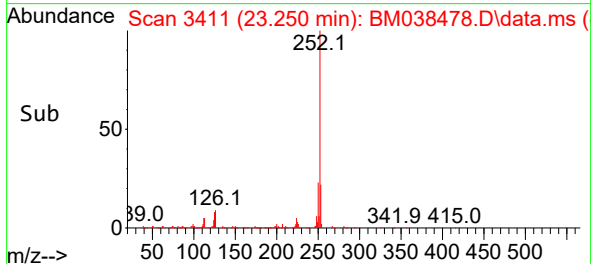
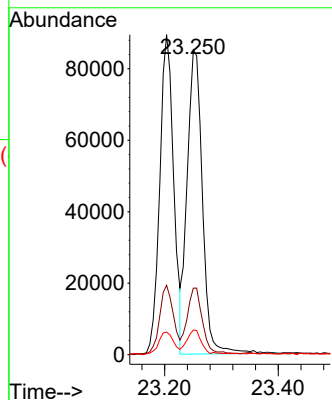
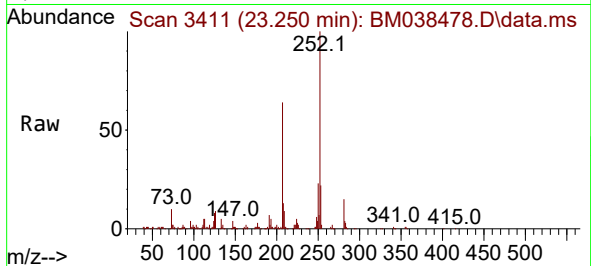




#89
Benzo(k)fluoranthene
Concen: 8.562 ng
RT: 23.250 min Scan# 3413
Delta R.T. -0.006 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

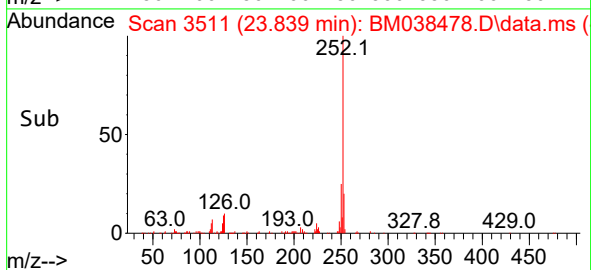
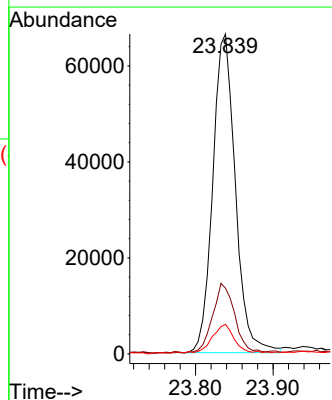
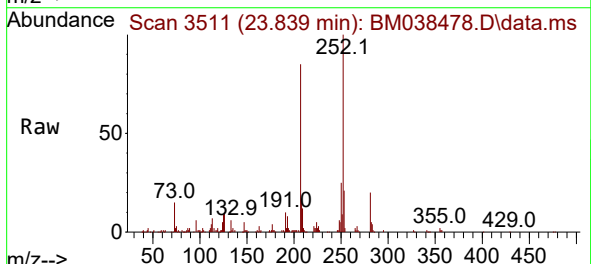
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022

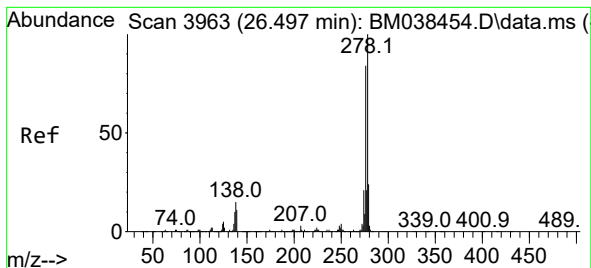
Tgt Ion:252 Resp: 159371
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 8.1 5.5 8.3



#90
Benzo(a)pyrene
Concen: 7.640 ng
RT: 23.839 min Scan# 3511
Delta R.T. 0.000 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

Tgt Ion:252 Resp: 134960
Ion Ratio Lower Upper
252 100
253 20.5 17.6 26.4
125 9.3 5.8 8.8#





#91

Dibenzo(a,h)anthracene

Concen: 8.337 ng

RT: 26.474 min Scan# 3963

Delta R.T. -0.006 min

Lab File: BM038478.D

Acq: 18 Jan 2023 13:50

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2022

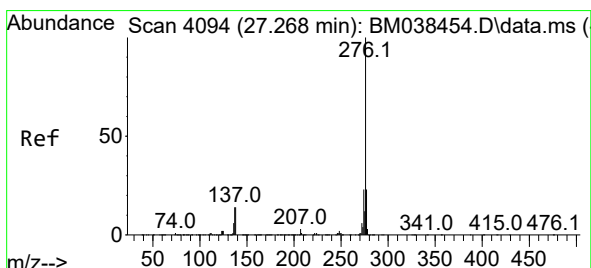
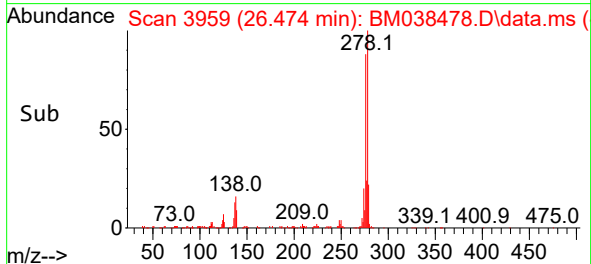
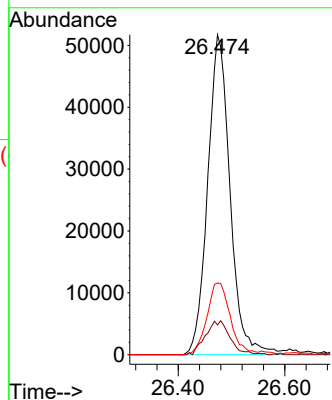
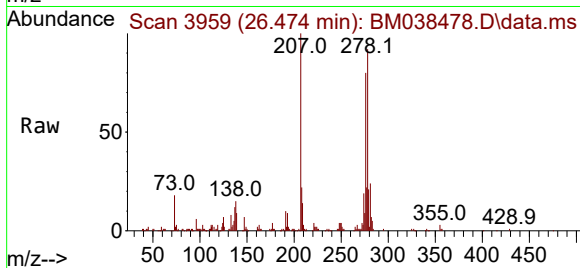
Tgt Ion:278 Resp: 150305

Ion Ratio Lower Upper

278 100

139 9.3 8.4 12.6

279 22.4 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 8.677 ng

RT: 27.244 min Scan# 4090

Delta R.T. -0.006 min

Lab File: BM038478.D

Acq: 18 Jan 2023 13:50

Tgt Ion:276 Resp: 155202

Ion Ratio Lower Upper

276 100

277 21.9 18.6 27.8

138 15.8 11.3 16.9

