

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012323\
 Data File : BM038508.D
 Acq On : 23 Jan 2023 13:16
 Operator : CG/JU
 Sample : N4955-08
 Misc : LOQ-WATER 5ppm
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT4-2022

Quant Time: Jan 24 05:11:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 21 01:21:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	59551	20.000	ng	0.00
21) Naphthalene-d8	10.775	136	188705	20.000	ng	0.00
39) Acenaphthene-d10	14.604	164	120137	20.000	ng	0.00
64) Phenanthrene-d10	17.345	188	275592	20.000	ng	# 0.00
76) Chrysene-d12	21.521	240	304650	20.000	ng	0.00
86) Perylene-d12	23.933	264	401687	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	324918	90.197	ng	0.00
7) Phenol-d6	7.128	99	499722	108.727	ng	0.00
23) Nitrobenzene-d5	9.139	82	319990	73.637	ng	0.00
42) 2,4,6-Tribromophenol	16.092	330	227544	131.528	ng	0.00
45) 2-Fluorobiphenyl	13.227	172	714511	73.262	ng	0.00
79) Terphenyl-d14	19.956	244	1157339	74.060	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.375	88	7604	4.500	ng	95
3) Pyridine	3.810	79	14862	3.349	ng	# 94
4) n-Nitrosodimethylamine	3.710	42	9611	4.562	ng	# 83
6) Aniline	7.292	93	24375	4.273	ng	# 96
8) 2-Chlorophenol	7.522	128	18292	4.971	ng	91
9) Benzaldehyde	7.110	77	17973	6.593	ng	97
10) Phenol	7.157	94	22619	4.925	ng	87
11) bis(2-Chloroethyl)ether	7.387	93	17914	4.944	ng	95
12) 1,3-Dichlorobenzene	7.851	146	20770	4.965	ng	95
13) 1,4-Dichlorobenzene	7.998	146	21318	5.043	ng	97
14) 1,2-Dichlorobenzene	8.316	146	20263	4.949	ng	94
15) Benzyl Alcohol	8.210	79	16330	4.752	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.487	45	17302	4.547	ng	94
17) 2-Methylphenol	8.416	107	12656	3.893	ng	94
18) Hexachloroethane	9.045	117	7794	4.960	ng	94
19) n-Nitroso-di-n-propyla...	8.775	70	13352	4.100	ng	# 94
20) 3+4-Methylphenols	8.739	107	17107	3.927	ng	93
22) Acetophenone	8.798	105	24735	4.758	ng	# 99
24) Nitrobenzene	9.181	77	22687	5.160	ng	99
25) Isophorone	9.704	82	33508	4.673	ng	97
26) 2-Nitrophenol	9.892	139	7718	4.422	ng	98
27) 2,4-Dimethylphenol	9.945	122	9350	3.219	ng	95
28) bis(2-Chloroethoxy)met...	10.192	93	19118	4.557	ng	95
29) 2,4-Dichlorophenol	10.428	162	15382	4.514	ng	97
30) 1,2,4-Trichlorobenzene	10.639	180	19771	5.073	ng	97
31) Naphthalene	10.828	128	48397	4.721	ng	98
32) Benzoic acid	10.028	122	4736	7.429	ng	95
33) 4-Chloroaniline	10.951	127	18043	4.217	ng	96
34) Hexachlorobutadiene	11.098	225	13870	5.411	ng	93
35) Caprolactam	11.727	113	2304	2.789	ng	92
36) 4-Chloro-3-methylphenol	12.069	107	13535	4.368	ng	92
37) 2-Methylnaphthalene	12.433	142	31351	4.255	ng	# 90
38) 1-Methylnaphthalene	12.433	142	31351	4.512	ng	96
40) 1,2,4,5-Tetrachloroben...	12.798	216	20891	4.623	ng	99
41) Hexachlorocyclopentadiene	12.769	237	9398	3.784	ng	99
43) 2,4,6-Trichlorophenol	13.039	196	12364	4.274	ng	97

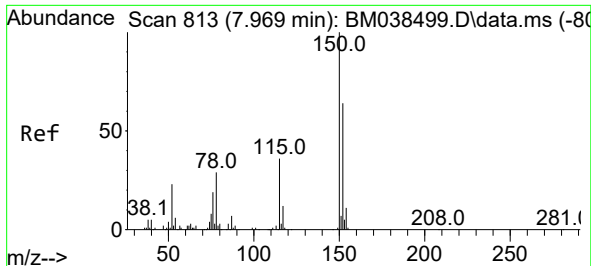
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 21 01:21:49 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.116	196	13901	4.103	ng	95
46) 1,1'-Biphenyl	13.439	154	43195	4.489	ng	98
47) 2-Chloronaphthalene	13.480	162	35805	4.767	ng	95
48) 2-Nitroaniline	13.698	65	8646	3.920	ng	92
49) Acenaphthylene	14.327	152	49063	4.175	ng	99
50) Dimethylphthalate	14.057	163	42325	4.577	ng	99
51) 2,6-Dinitrotoluene	14.186	165	7670	3.941	ng	90
52) Acenaphthene	14.663	154	32035	4.470	ng	98
53) 3-Nitroaniline	14.521	138	6452	3.336	ng #	89
54) 2,4-Dinitrophenol	14.733	184	4031	7.353	ng	90
55) Dibenzofuran	14.998	168	54958	4.587	ng	96
56) 4-Nitrophenol	14.827	139	5037	3.163	ng	95
57) 2,4-Dinitrotoluene	14.974	165	9625	3.648	ng #	87
58) Fluorene	15.645	166	42412	4.365	ng	93
59) 2,3,4,6-Tetrachlorophenol	15.227	232	12242	4.420	ng #	96
60) Diethylphthalate	15.415	149	39179	4.326	ng	98
61) 4-Chlorophenyl-phenyle...	15.639	204	23502	4.607	ng	98
62) 4-Nitroaniline	15.680	138	6187	5.983	ng	88
63) Azobenzene	15.933	77	40675	4.239	ng	100
65) 4,6-Dinitro-2-methylph...	15.733	198	6028	3.370	ng	90
66) n-Nitrosodiphenylamine	15.857	169	34955	4.225	ng	97
67) 4-Bromophenyl-phenylether	16.533	248	14043	4.594	ng	99
68) Hexachlorobenzene	16.645	284	17255	5.231	ng	95
69) Atrazine	16.804	200	12536	4.542	ng	99
70) Pentachlorophenol	16.998	266	8887	3.784	ng	93
71) Phenanthrene	17.386	178	69978	4.547	ng	99
72) Anthracene	17.480	178	68022	4.344	ng	97
73) Carbazole	17.751	167	59349	4.303	ng	98
74) Di-n-butylphthalate	18.304	149	60205	3.974	ng #	98
75) Fluoranthene	19.398	202	81799	4.422	ng	96
77) Benzidine	19.592	184	14612	2.105	ng	100
78) Pyrene	19.762	202	86769	4.090	ng	99
80) Butylbenzylphthalate	20.645	149	25674	3.500	ng	95
81) Benzo(a)anthracene	21.503	228	99434	4.606	ng	99
82) 3,3'-Dichlorobenzidine	21.439	252	29509	4.256	ng #	97
83) Chrysene	21.556	228	95894	4.542	ng	99
84) Bis(2-ethylhexyl)phtha...	21.415	149	36957	3.476	ng	96
85) Di-n-octyl phthalate	22.344	149	70655	3.738	ng	96
87) Indeno(1,2,3-cd)pyrene	26.444	276	140107	4.714	ng	98
88) Benzo(b)fluoranthene	23.197	252	112495	4.643	ng	98
89) Benzo(k)fluoranthene	23.244	252	109259	4.358	ng	99
90) Benzo(a)pyrene	23.827	252	102449	4.264	ng	96
91) Dibenzo(a,h)anthracene	26.462	278	121529	4.912	ng #	96
92) Benzo(g,h,i)perylene	27.226	276	126992	5.011	ng	96

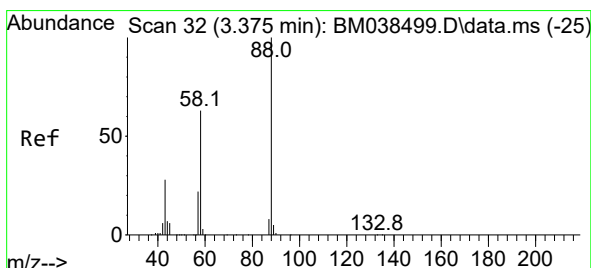
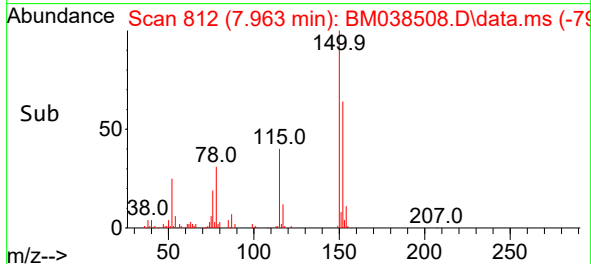
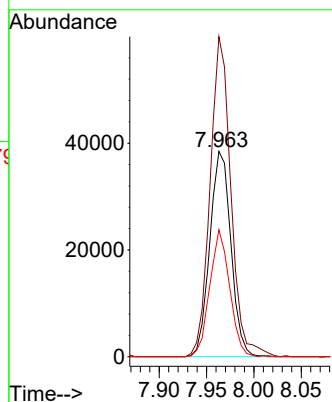
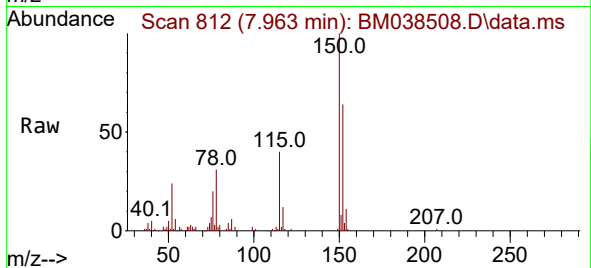
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

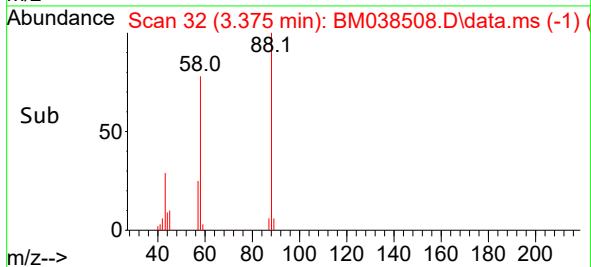
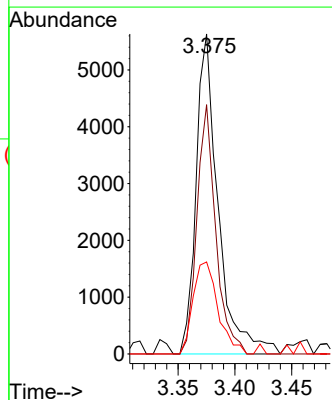
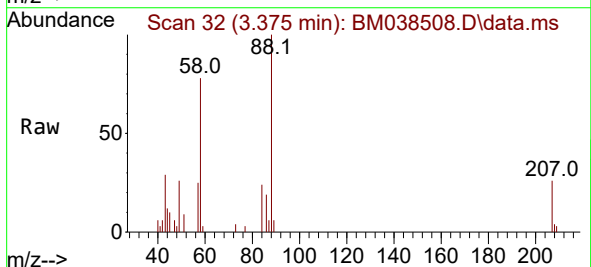
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022

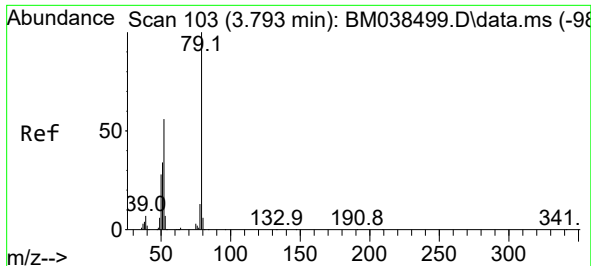
Tgt Ion:152 Resp: 59551
Ion Ratio Lower Upper
152 100
150 155.9 124.2 186.4
115 61.8 44.8 67.2



#2
1,4-Dioxane
Concen: 4.500 ng
RT: 3.375 min Scan# 32
Delta R.T. 0.000 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

Tgt Ion: 88 Resp: 7604
Ion Ratio Lower Upper
88 100
58 66.7 50.5 75.7
43 32.5 23.9 35.9

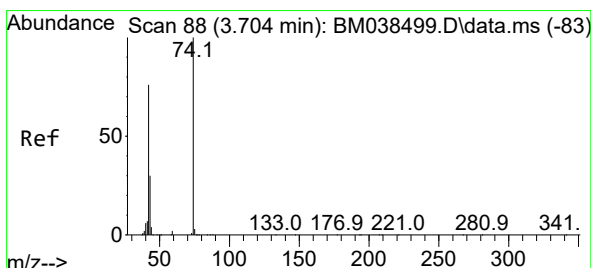
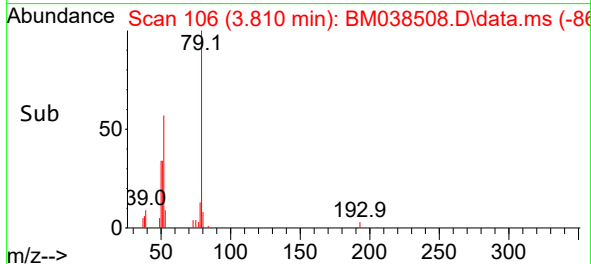
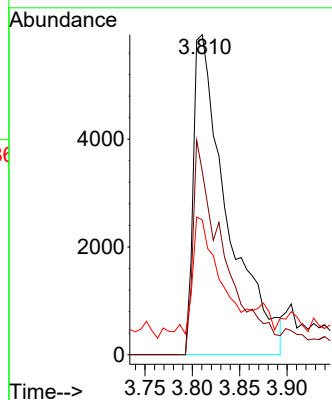
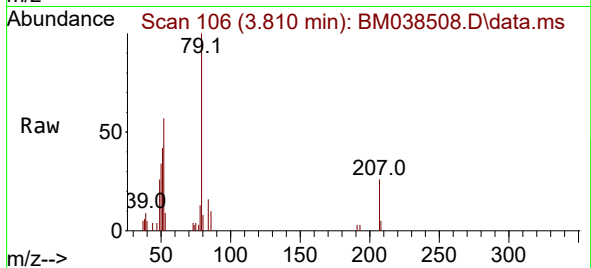




#3
Pyridine
Concen: 3.349 ng
RT: 3.810 min Scan# 106
Delta R.T. 0.018 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

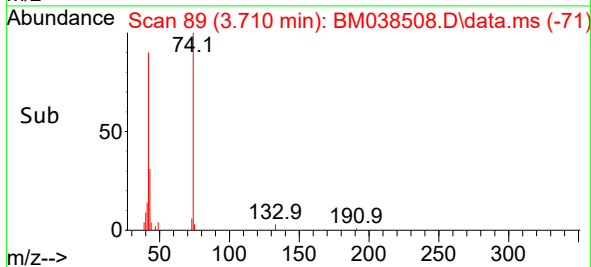
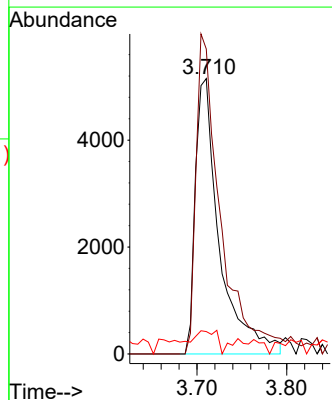
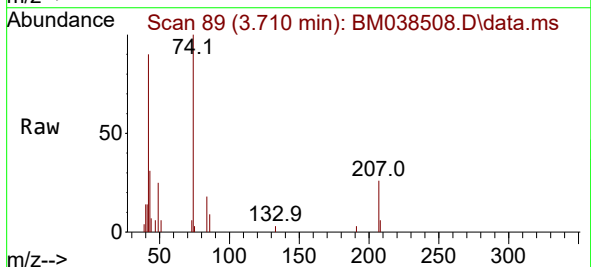
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022

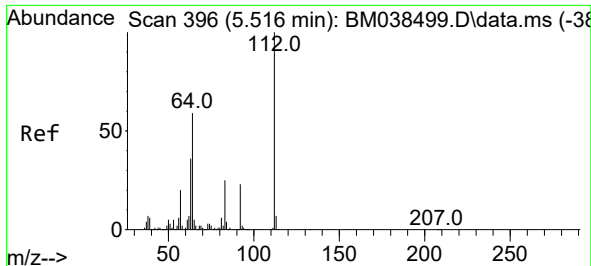
Tgt Ion: 79 Resp: 14862
Ion Ratio Lower Upper
79 100
52 57.2 45.0 67.4
51 42.1 27.1 40.7#



#4
n-Nitrosodimethylamine
Concen: 4.562 ng
RT: 3.710 min Scan# 89
Delta R.T. 0.006 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

Tgt Ion: 42 Resp: 9611
Ion Ratio Lower Upper
42 100
74 110.8 105.0 157.4
44 8.1 4.1 6.1#

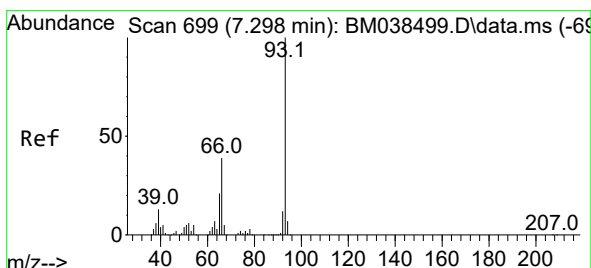
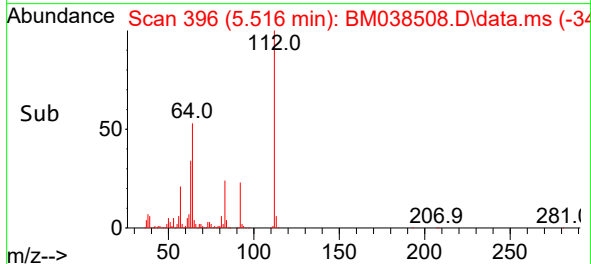
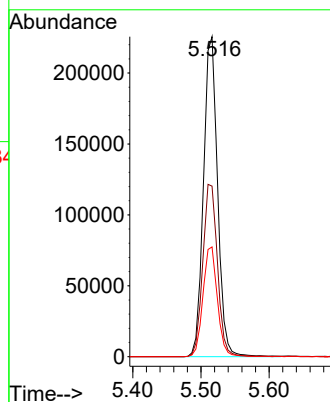
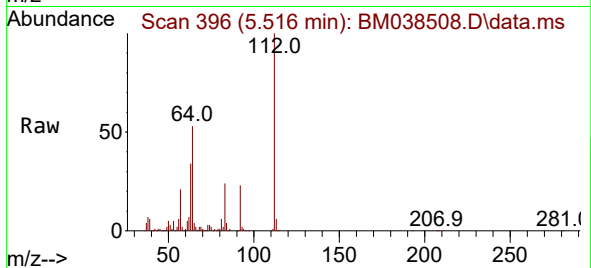




#5
2-Fluorophenol
Concen: 90.197 ng
RT: 5.516 min Scan# 396
Delta R.T. 0.000 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

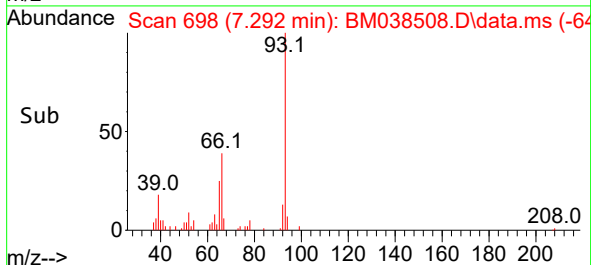
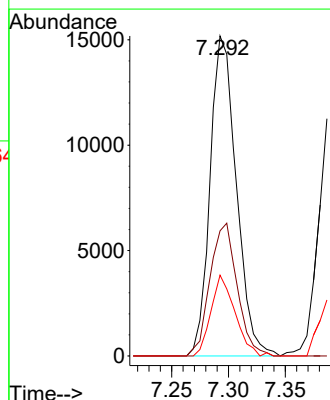
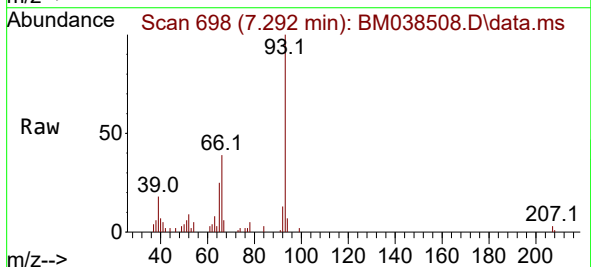
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022

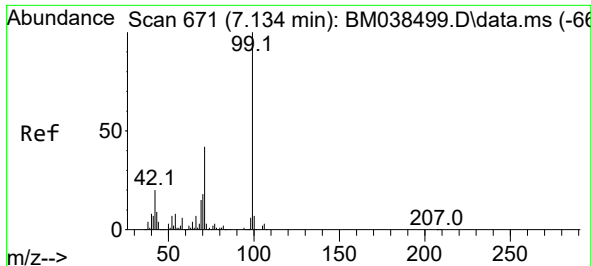
Tgt Ion:112 Resp: 324918
Ion Ratio Lower Upper
112 100
64 53.3 47.3 70.9
63 34.3 28.8 43.2



#6
Aniline
Concen: 4.273 ng
RT: 7.292 min Scan# 698
Delta R.T. -0.006 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

Tgt Ion: 93 Resp: 24375
Ion Ratio Lower Upper
93 100
66 39.1 31.6 47.4
65 25.3 16.6 24.8#

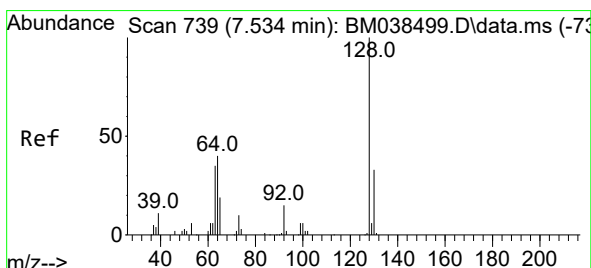
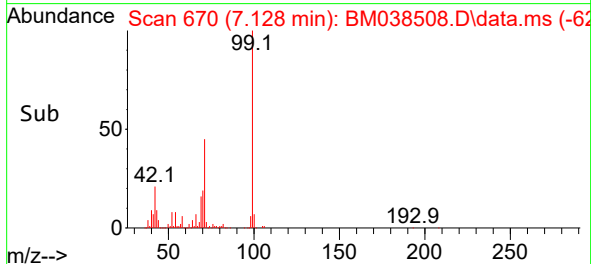
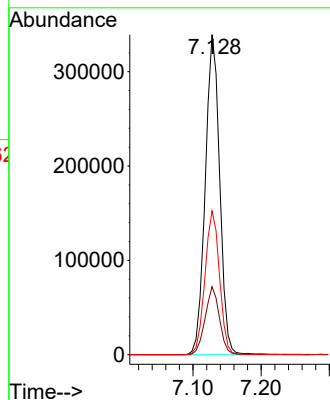
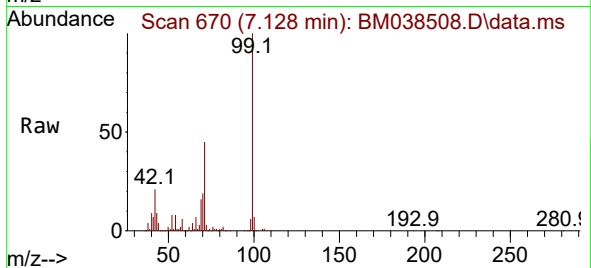




#7
Phenol-d6
Concen: 108.727 ng
RT: 7.128 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

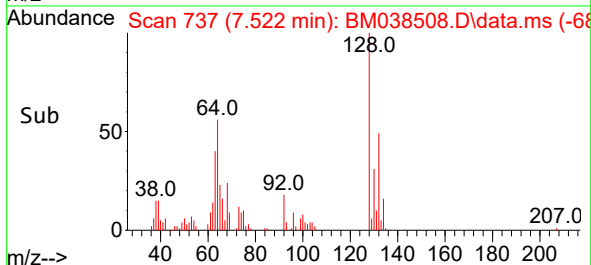
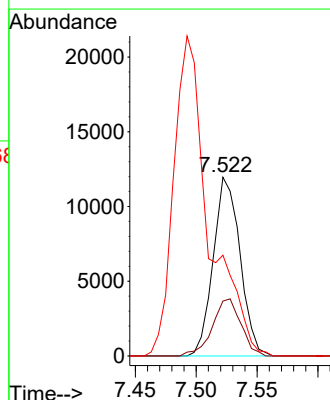
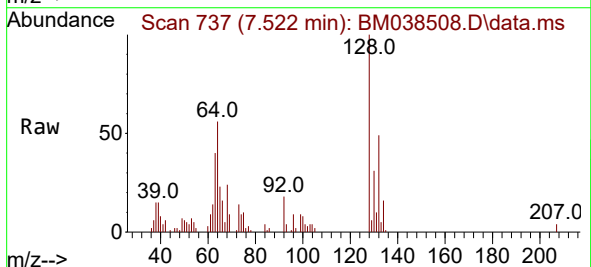
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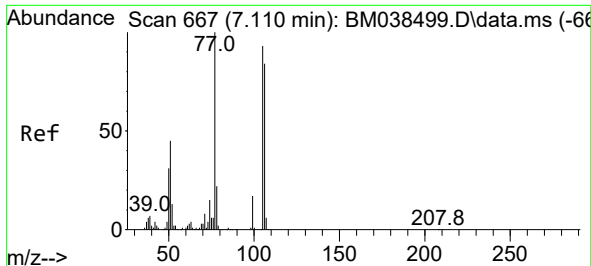
Tgt Ion: 99 Resp: 499722
Ion Ratio Lower Upper
99 100
42 21.3 16.0 24.0
71 44.9 33.8 50.6



#8
2-Chlorophenol
Concen: 4.971 ng
RT: 7.522 min Scan# 737
Delta R.T. -0.012 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

Tgt Ion: 128 Resp: 18292
Ion Ratio Lower Upper
128 100
130 30.7 13.2 53.2
64 56.4 27.7 67.7

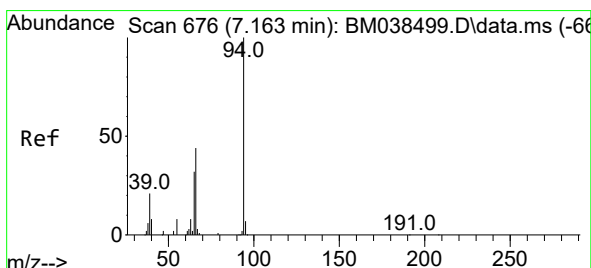
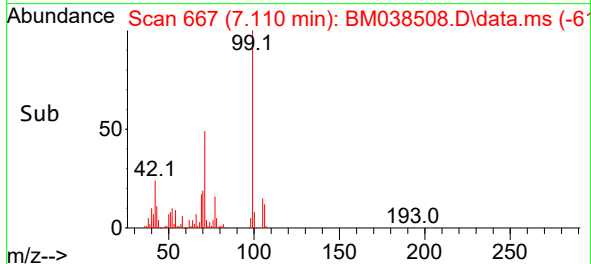
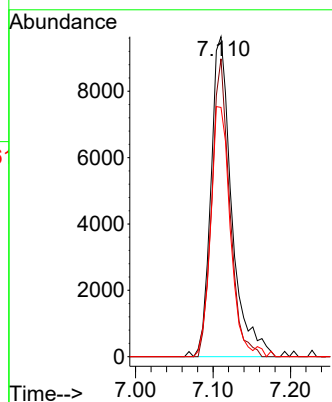
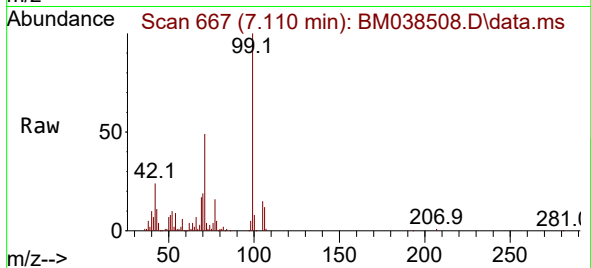




#9
Benzaldehyde
Concen: 6.593 ng
RT: 7.110 min Scan# 667
Delta R.T. 0.000 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

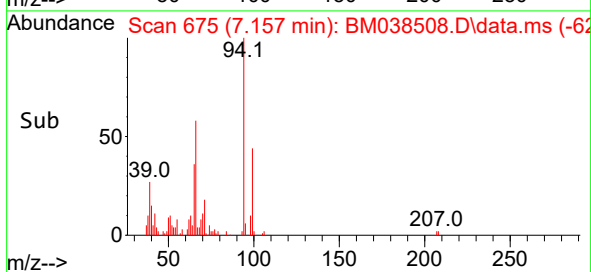
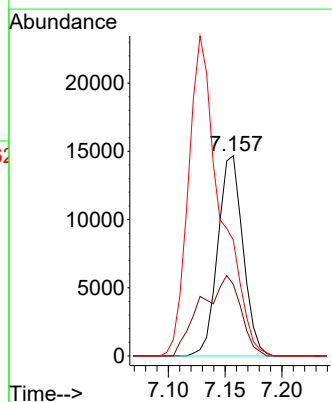
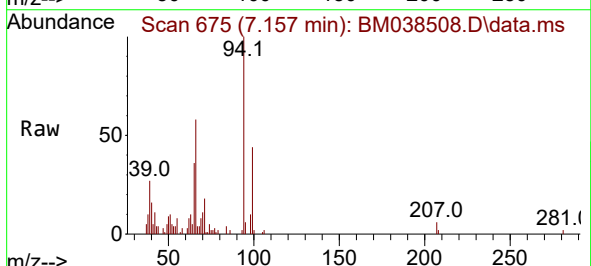
Instrument :
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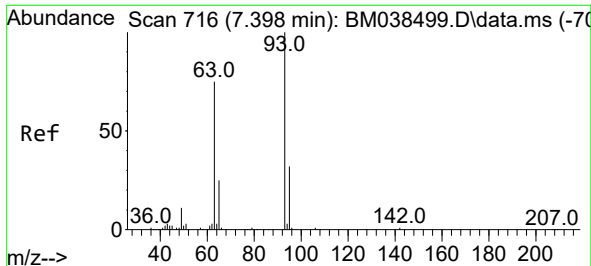
Tgt Ion: 77 Resp: 17973
Ion Ratio Lower Upper
77 100
105 93.1 72.9 112.9
106 77.9 63.8 103.8



#10
Phenol
Concen: 4.925 ng
RT: 7.157 min Scan# 675
Delta R.T. -0.006 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

Tgt Ion: 94 Resp: 22619
Ion Ratio Lower Upper
94 100
65 35.7 12.7 52.7
66 57.8 26.0 66.0

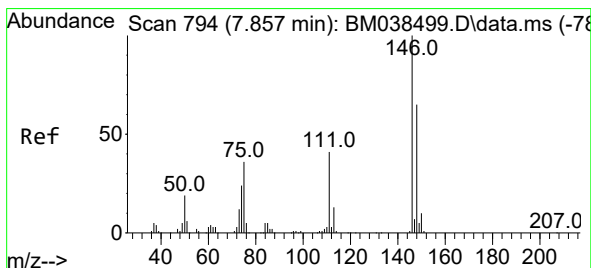
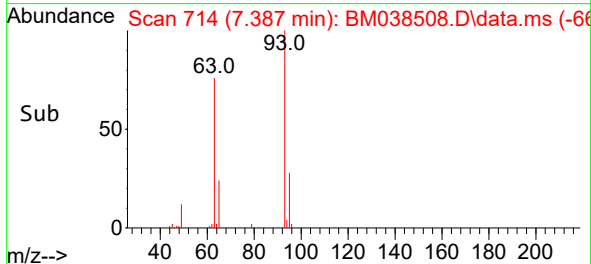
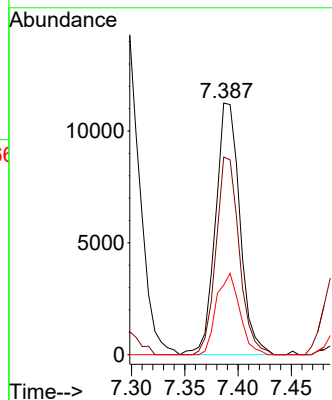
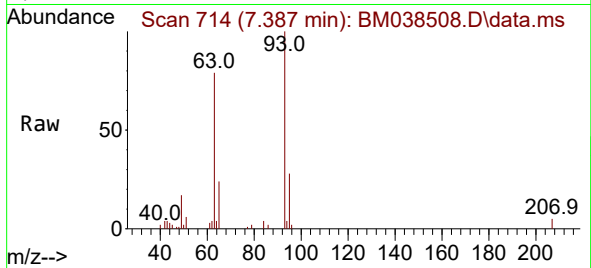




#11
bis(2-Chloroethyl)ether
Concen: 4.944 ng
RT: 7.387 min Scan# 716
Delta R.T. -0.012 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

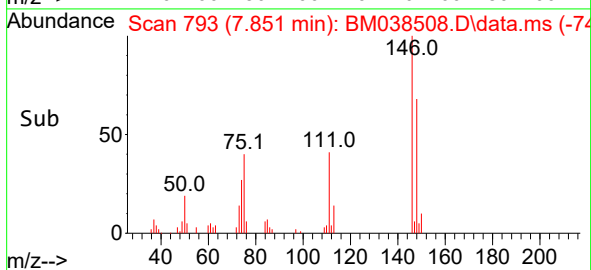
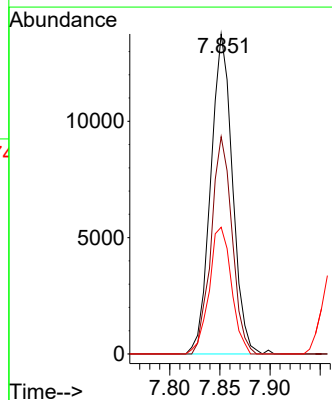
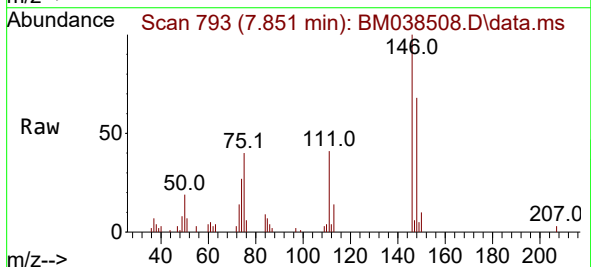
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022

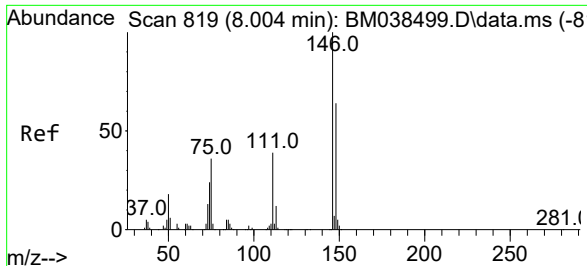
Tgt Ion: 93 Resp: 17914
Ion Ratio Lower Upper
93 100
63 78.5 54.4 94.4
95 27.7 11.4 51.4



#12
1,3-Dichlorobenzene
Concen: 4.965 ng
RT: 7.851 min Scan# 793
Delta R.T. -0.006 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

Tgt Ion:146 Resp: 20770
Ion Ratio Lower Upper
146 100
148 67.9 52.1 78.1
75 39.6 28.7 43.1

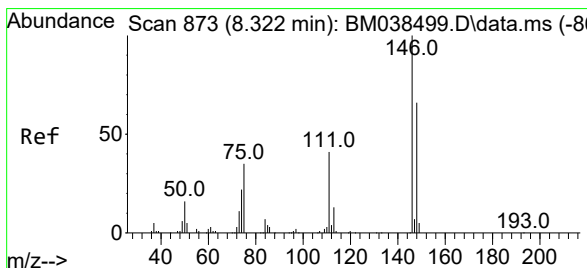
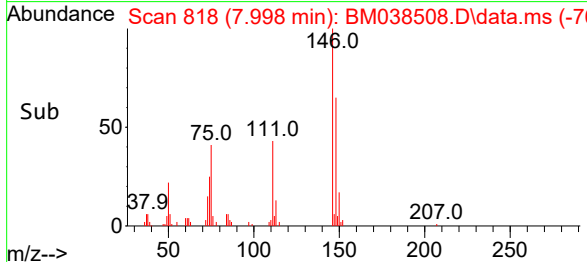
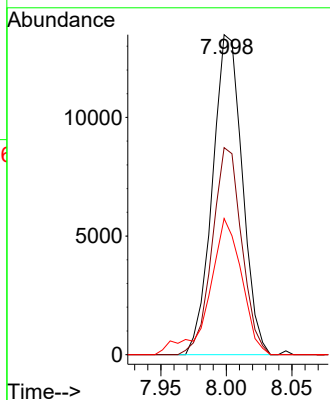
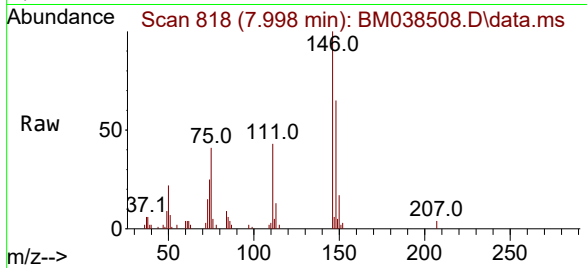




#13
1,4-Dichlorobenzene
Concen: 5.043 ng
RT: 7.998 min Scan# 819
Delta R.T. -0.006 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

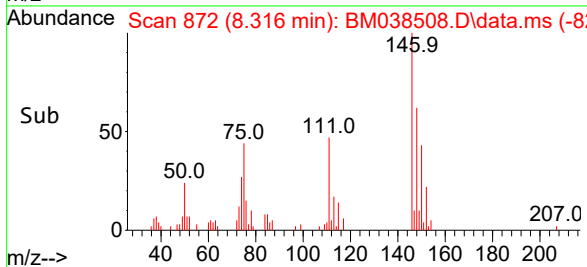
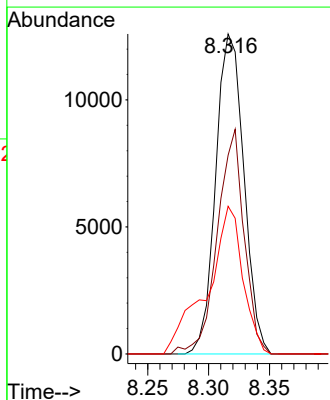
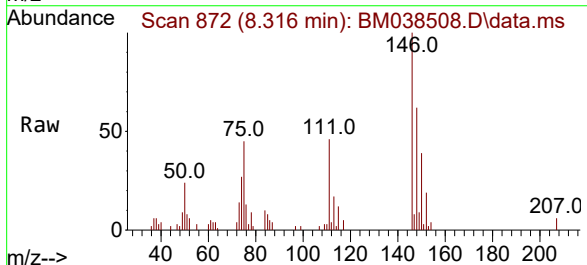
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022

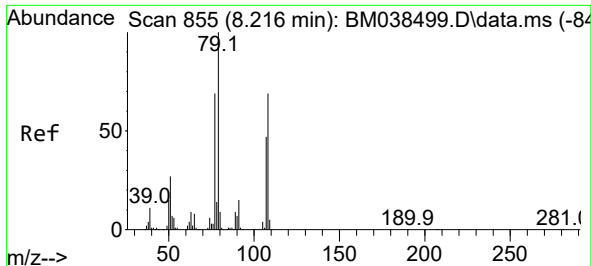
Tgt Ion:146 Resp: 21318
Ion Ratio Lower Upper
146 100
148 64.7 51.3 76.9
111 42.5 31.4 47.0



#14
1,2-Dichlorobenzene
Concen: 4.949 ng
RT: 8.316 min Scan# 872
Delta R.T. -0.006 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

Tgt Ion:146 Resp: 20263
Ion Ratio Lower Upper
146 100
148 62.1 52.7 79.1
111 46.2 33.2 49.8

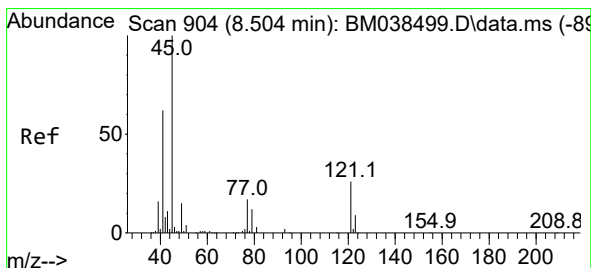
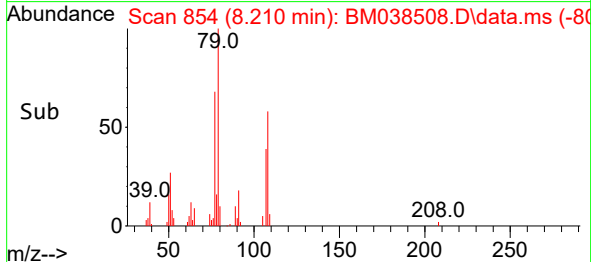
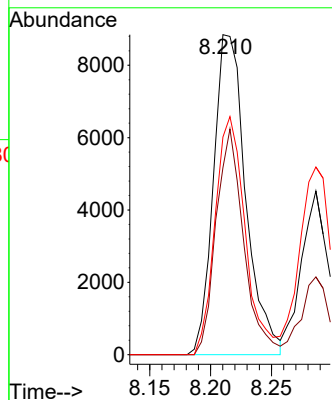
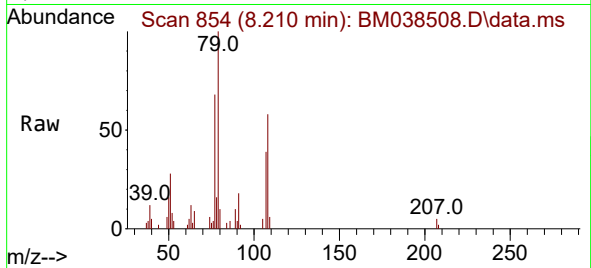




#15
Benzyl Alcohol
Concen: 4.752 ng
RT: 8.210 min Scan# 855
Delta R.T. -0.006 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

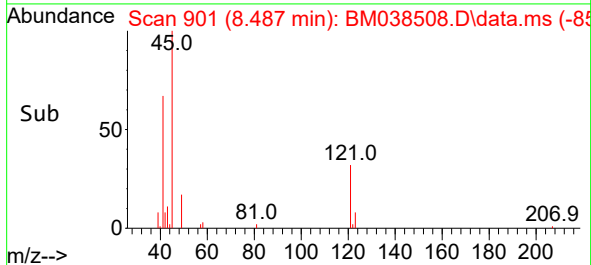
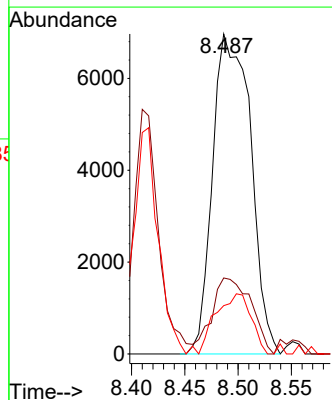
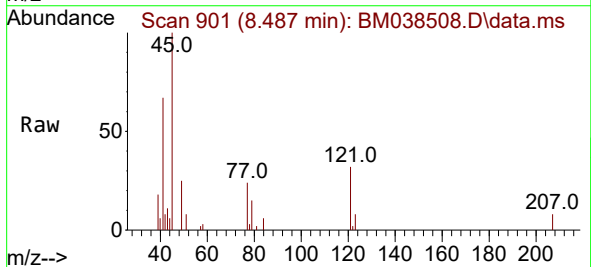
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022

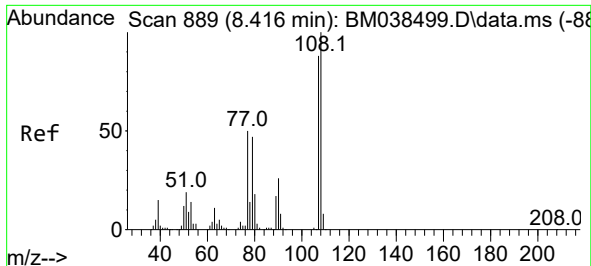
Tgt Ion: 79 Resp: 16330
Ion Ratio Lower Upper
79 100
108 58.4 55.0 82.6
77 68.0 55.0 82.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.547 ng
RT: 8.487 min Scan# 901
Delta R.T. -0.018 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

Tgt Ion: 45 Resp: 17302
Ion Ratio Lower Upper
45 100
77 23.8 0.0 39.2
79 15.1 0.0 34.9

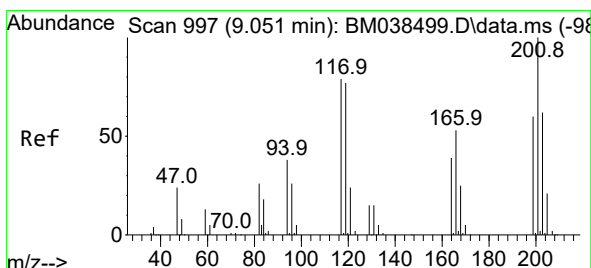
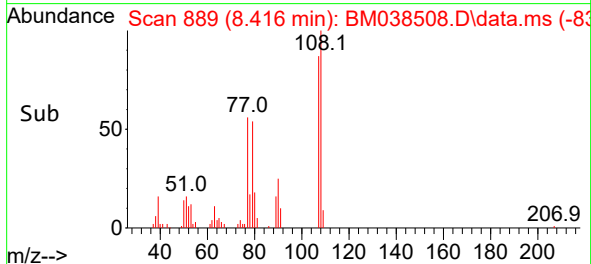
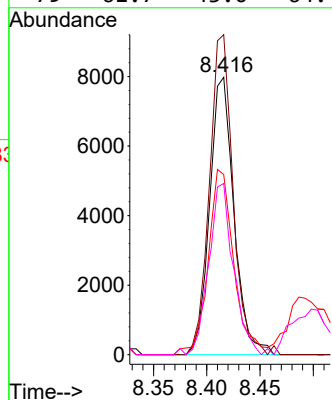
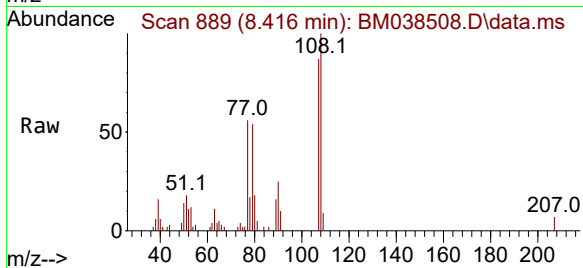




#17
2-Methylphenol
Concen: 3.893 ng
RT: 8.416 min Scan# 889
Delta R.T. 0.000 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

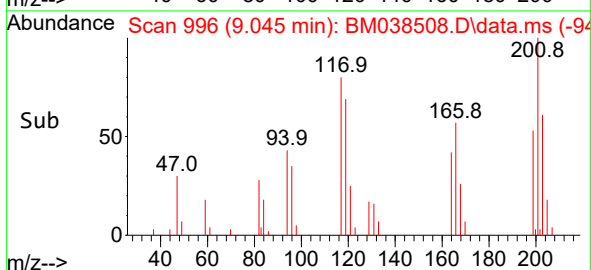
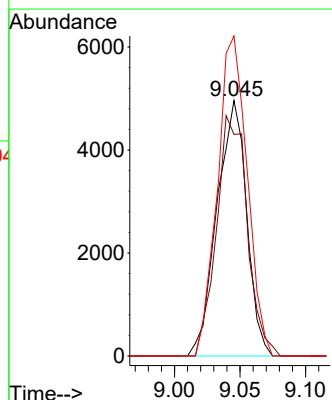
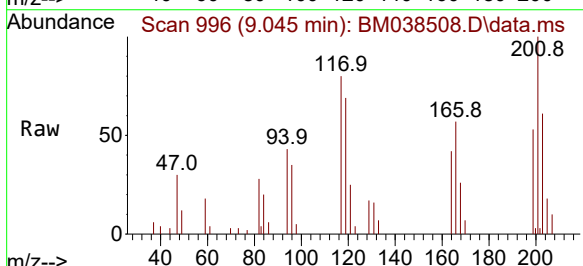
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022

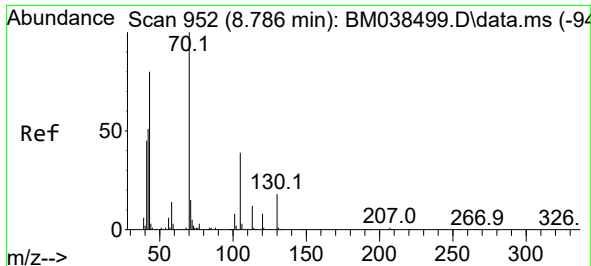
Tgt Ion:	107	Resp:	12656
Ion	Ratio	Lower	Upper
107	100		
108	115.3	90.8	136.2
77	64.9	46.1	69.1
79	61.7	43.0	64.4



#18
Hexachloroethane
Concen: 4.960 ng
RT: 9.045 min Scan# 996
Delta R.T. -0.006 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

Tgt Ion:	117	Resp:	7794
Ion	Ratio	Lower	Upper
117	100		
119	86.8	77.9	116.9
201	129.0	100.6	151.0

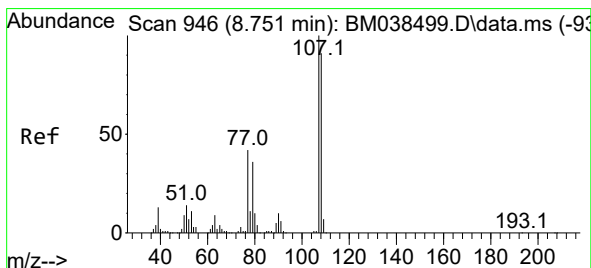
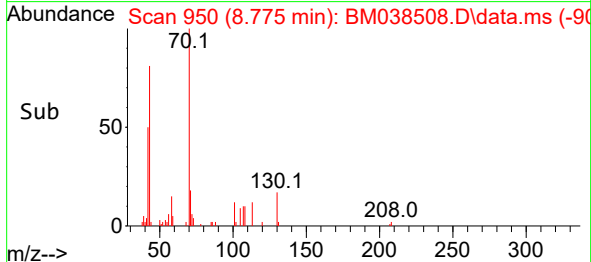
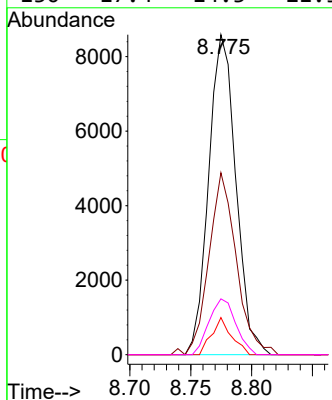
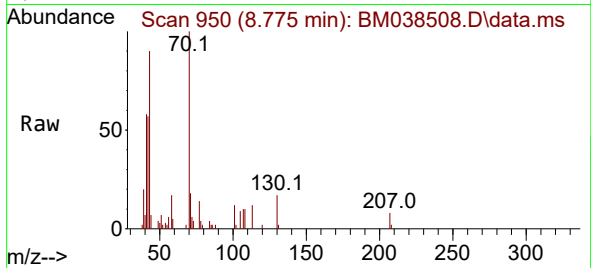




#19
n-Nitroso-di-n-propylamine
Concen: 4.100 ng
RT: 8.775 min Scan# 911
Delta R.T. -0.011 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

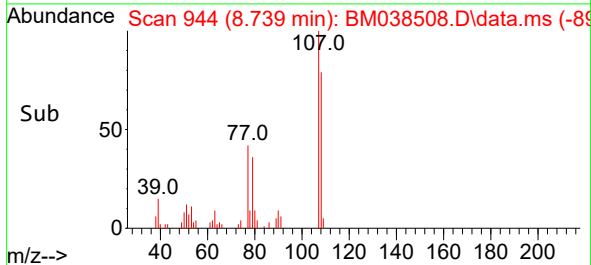
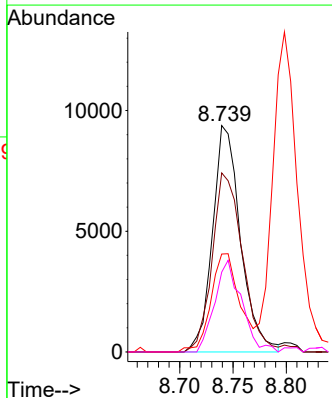
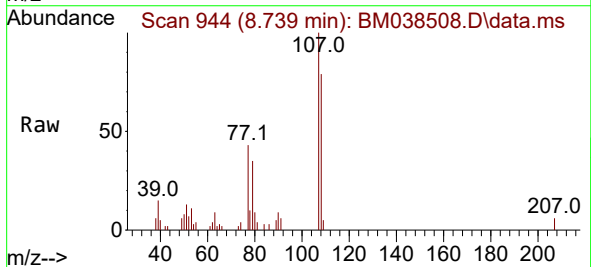
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022

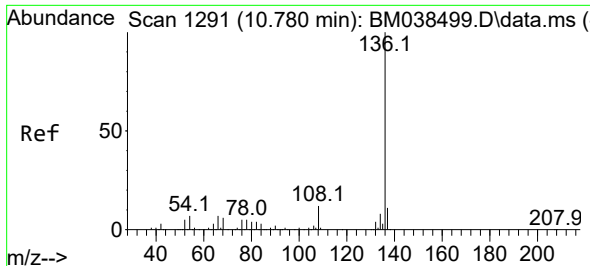
Tgt Ion:	70	Resp:	13352
Ion	Ratio	Lower	Upper
70	100		
42	56.9	41.4	62.2
101	11.6	6.5	9.7#
130	17.4	14.3	21.5



#20
3+4-Methylphenols
Concen: 3.927 ng
RT: 8.739 min Scan# 944
Delta R.T. -0.012 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

Tgt Ion:	107	Resp:	17107
Ion	Ratio	Lower	Upper
107	100		
108	79.1	70.7	110.7
77	43.3	22.0	62.0
79	35.3	15.8	55.8

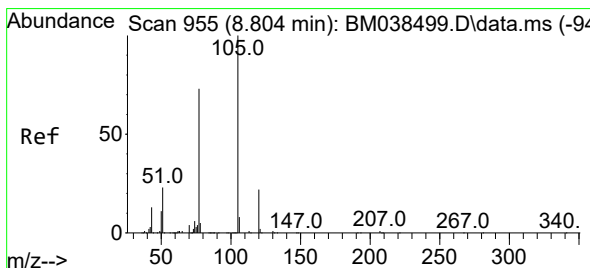
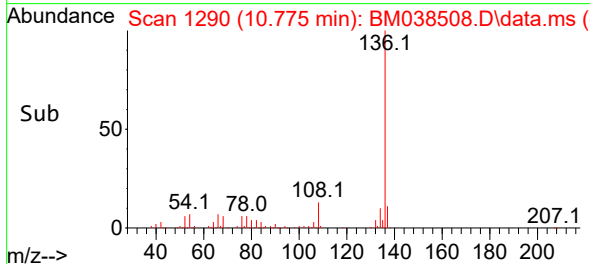
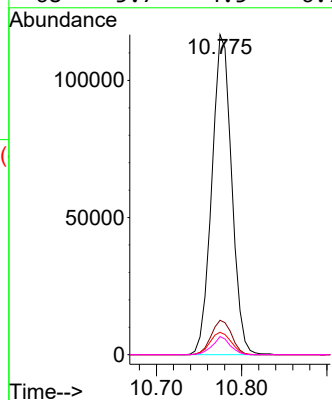
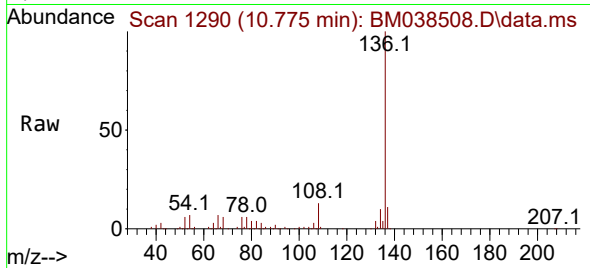




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.775 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

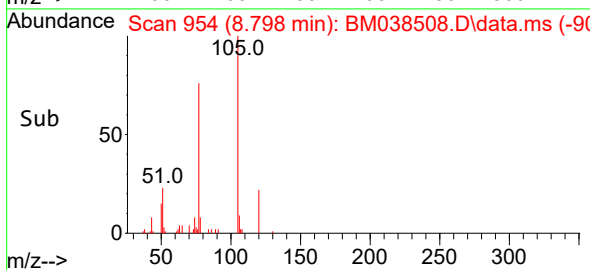
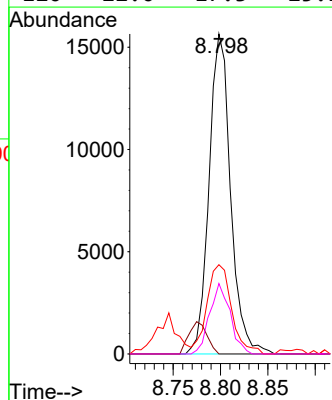
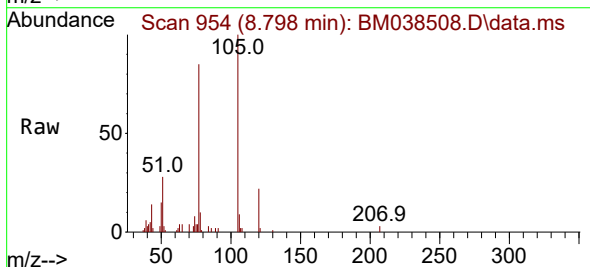
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022

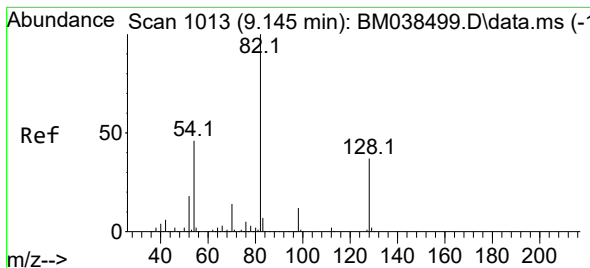
Tgt Ion:136 Resp: 188705
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 7.0 6.0 9.0
68 5.7 4.5 6.7



#22
Acetophenone
Concen: 4.758 ng
RT: 8.798 min Scan# 954
Delta R.T. -0.006 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

Tgt Ion:105 Resp: 24735
Ion Ratio Lower Upper
105 100
71 0.0 0.9 1.3#
51 27.9 21.8 32.8
120 22.0 17.3 25.9





#23

Nitrobenzene-d5

Concen: 73.637 ng

RT: 9.139 min Scan# 1012

Delta R.T. -0.006 min

Lab File: BM038508.D

Acq: 23 Jan 2023 13:16

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2022

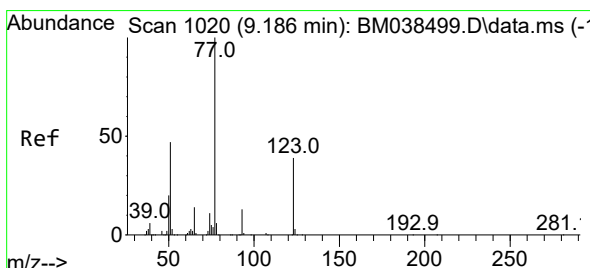
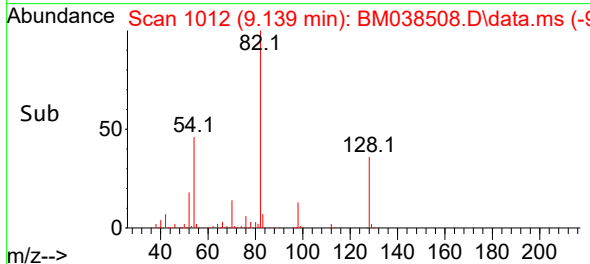
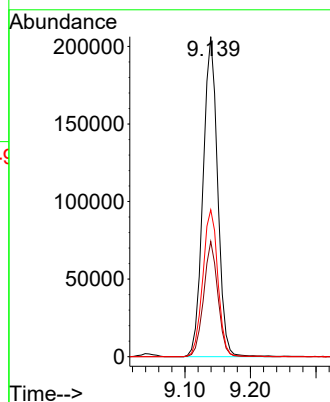
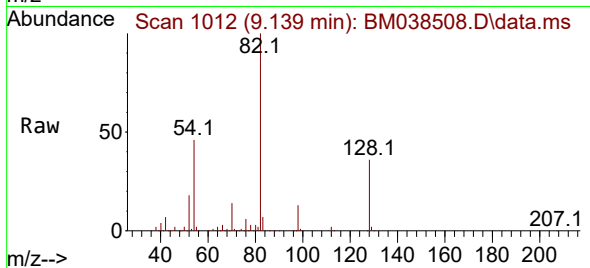
Tgt Ion: 82 Resp: 319990

Ion Ratio Lower Upper

82 100

128 36.0 29.3 43.9

54 45.9 36.9 55.3



#24

Nitrobenzene

Concen: 5.160 ng

RT: 9.181 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BM038508.D

Acq: 23 Jan 2023 13:16

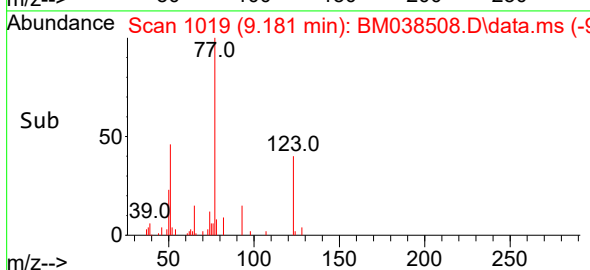
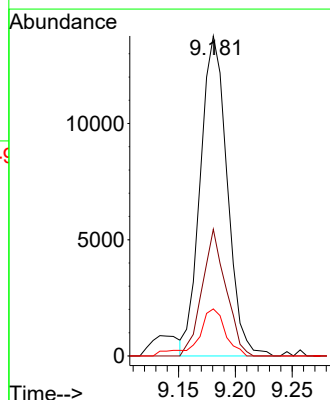
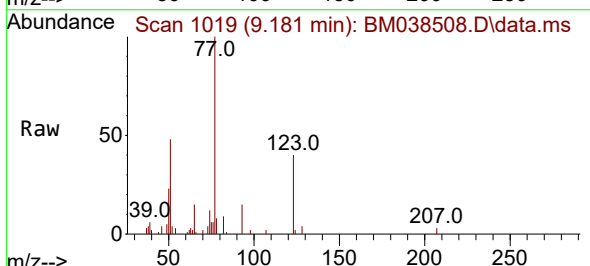
Tgt Ion: 77 Resp: 22687

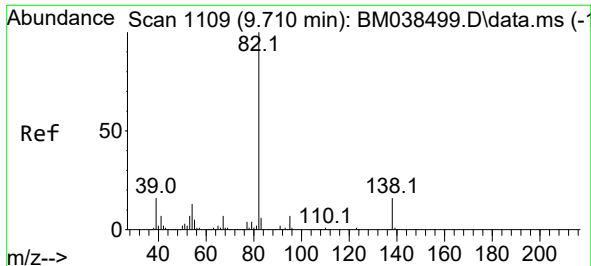
Ion Ratio Lower Upper

77 100

123 39.6 31.5 47.3

65 14.7 11.2 16.8

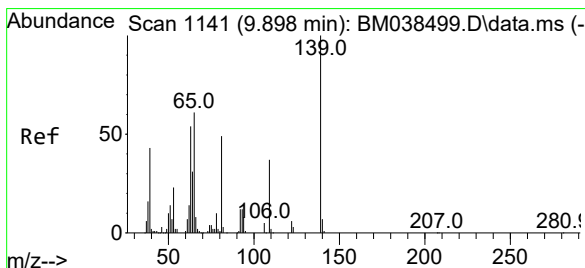
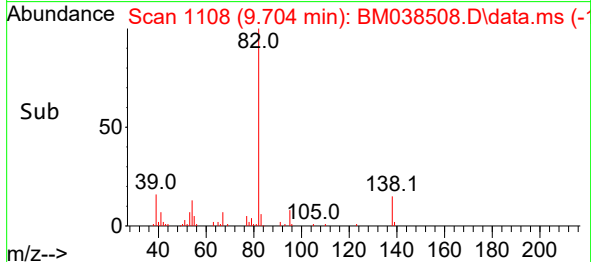
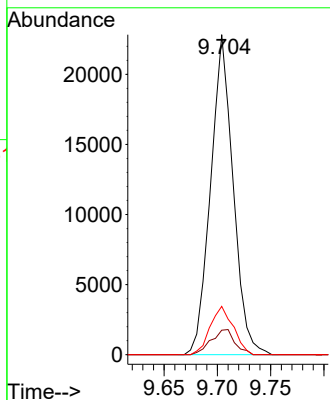
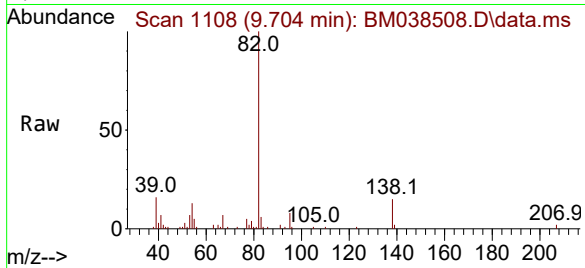




#25
Isophorone
Concen: 4.673 ng
RT: 9.704 min Scan# 1108
Delta R.T. -0.006 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

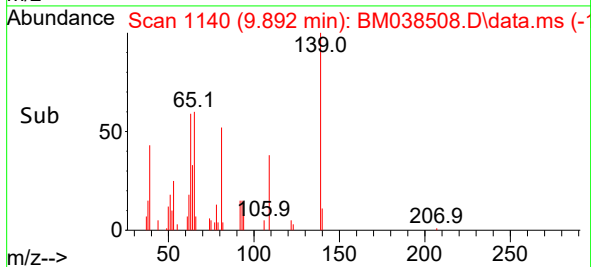
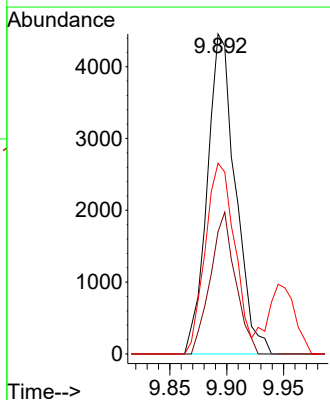
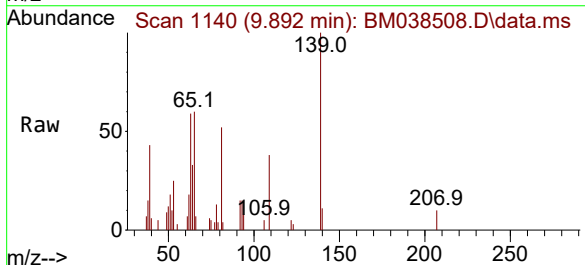
Instrument : BNA_M
ClientSampleId : LOQ-WATER-02-QT4-2022

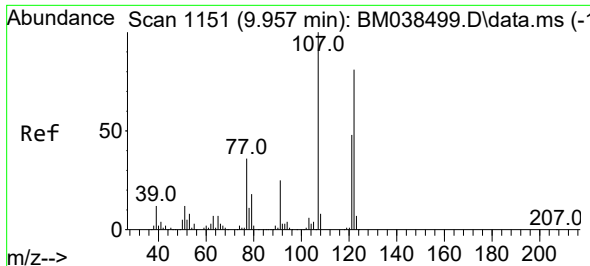
Tgt Ion: 82 Resp: 33508
Ion Ratio Lower Upper
82 100
95 7.7 5.6 8.4
138 15.1 13.2 19.8



#26
2-Nitrophenol
Concen: 4.422 ng
RT: 9.892 min Scan# 1140
Delta R.T. -0.006 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

Tgt Ion: 139 Resp: 7718
Ion Ratio Lower Upper
139 100
109 38.2 29.3 43.9
65 59.6 48.6 72.8

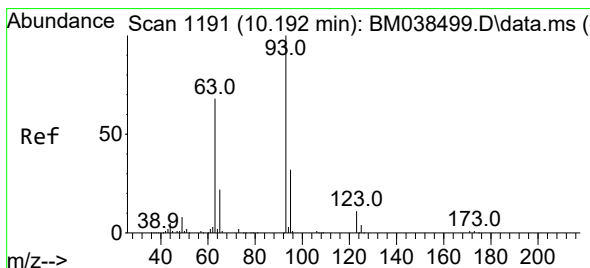
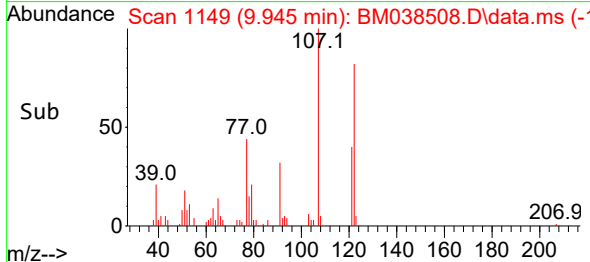
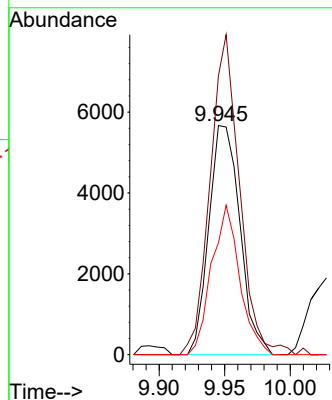
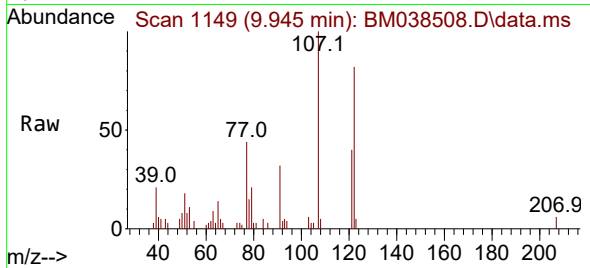




#27
2,4-Dimethylphenol
Concen: 3.219 ng
RT: 9.945 min Scan# 1149
Delta R.T. -0.012 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

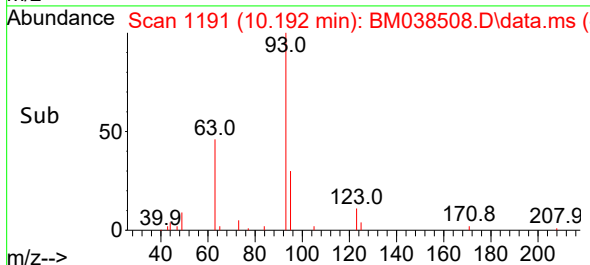
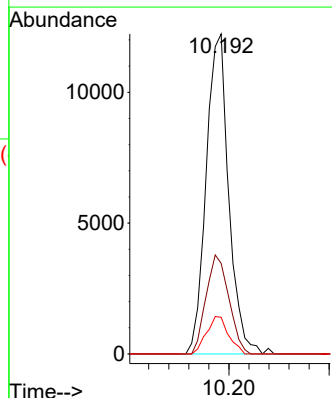
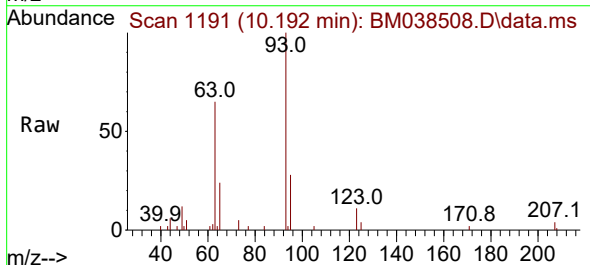
Instrument : BNA_M
ClientSampleId : LOQ-WATER-02-QT4-2022

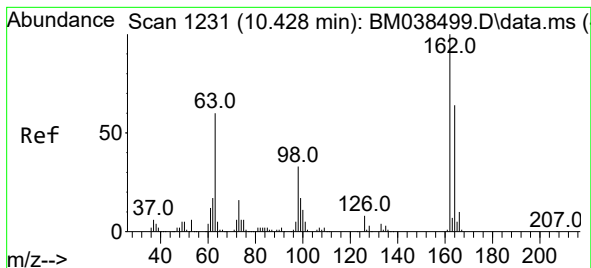
Tgt Ion:122 Resp: 9350
Ion Ratio Lower Upper
122 100
107 121.7 98.2 147.2
121 48.8 47.1 70.7



#28
bis(2-Chloroethoxy)methane
Concen: 4.557 ng
RT: 10.192 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

Tgt Ion: 93 Resp: 19118
Ion Ratio Lower Upper
93 100
95 28.3 25.3 37.9
123 11.5 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 4.514 ng

RT: 10.428 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM038508.D

Acq: 23 Jan 2023 13:16

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2022

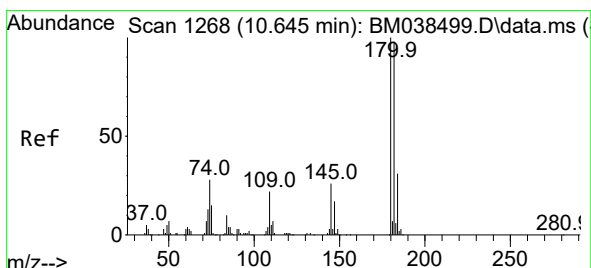
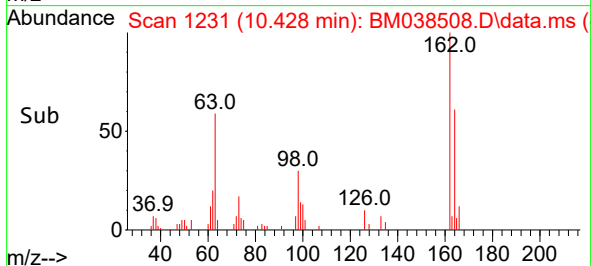
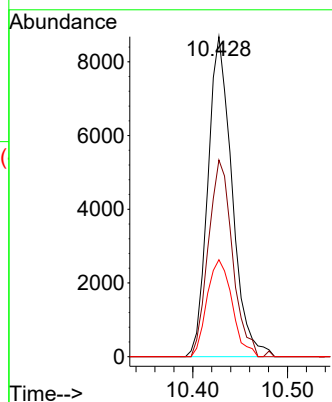
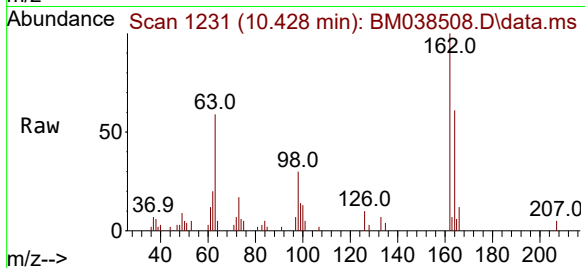
Tgt Ion:162 Resp: 15382

Ion Ratio Lower Upper

162 100

164 61.4 43.7 83.7

98 30.3 12.9 52.9



#30

1,2,4-Trichlorobenzene

Concen: 5.073 ng

RT: 10.639 min Scan# 1267

Delta R.T. -0.006 min

Lab File: BM038508.D

Acq: 23 Jan 2023 13:16

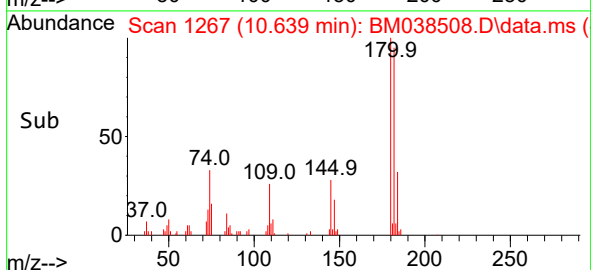
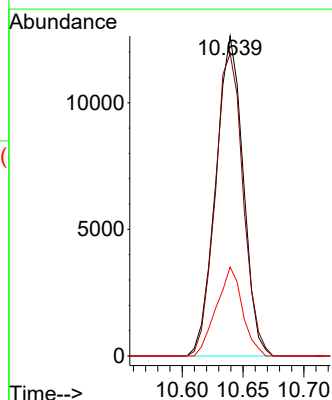
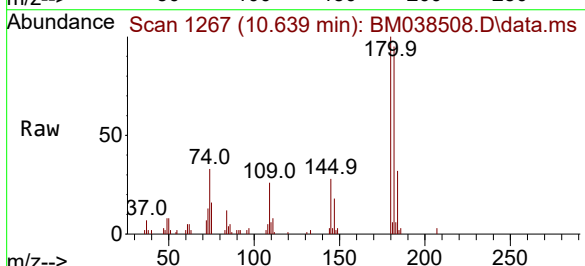
Tgt Ion:180 Resp: 19771

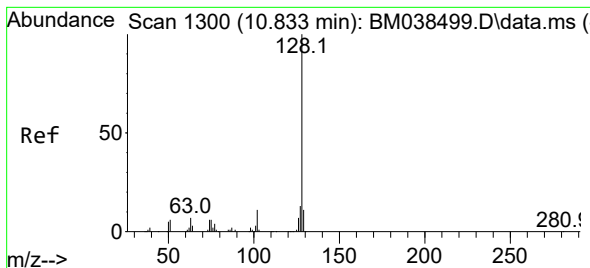
Ion Ratio Lower Upper

180 100

182 94.5 78.3 117.5

145 27.8 21.0 31.6





#31

Naphthalene

Concen: 4.721 ng

RT: 10.828 min Scan# 1163

Delta R.T. -0.006 min

Lab File: BM038508.D

Acq: 23 Jan 2023 13:16

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2022

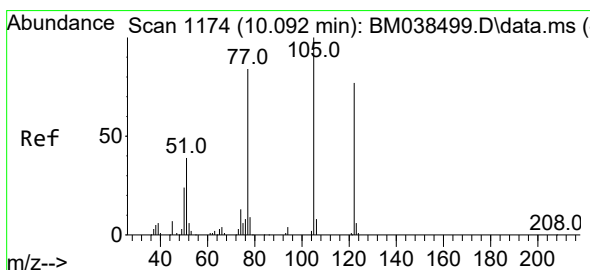
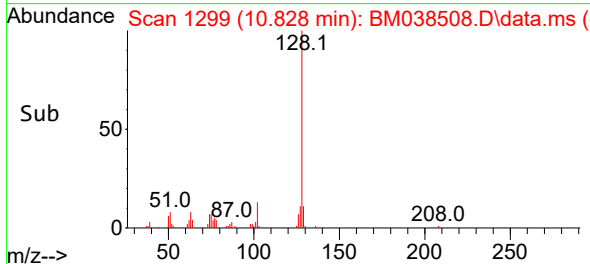
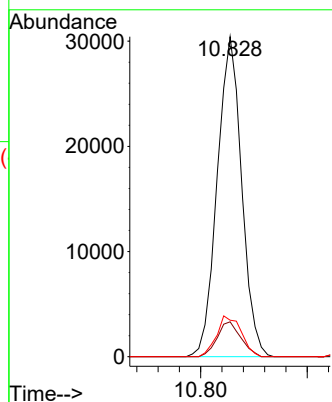
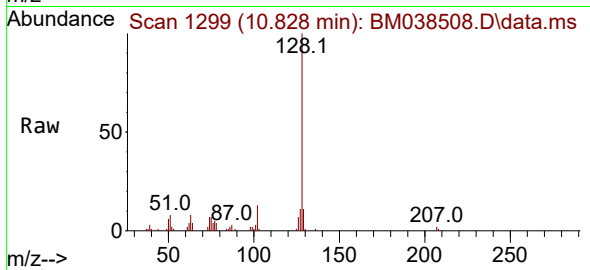
Tgt Ion:128 Resp: 48397

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

127 11.4 10.3 15.5



#32

Benzoic acid

Concen: 7.429 ng

RT: 10.028 min Scan# 1163

Delta R.T. -0.064 min

Lab File: BM038508.D

Acq: 23 Jan 2023 13:16

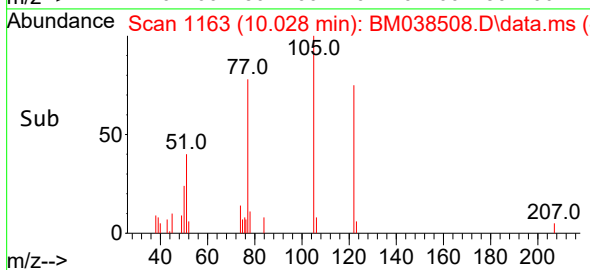
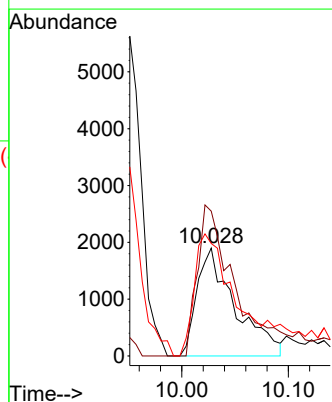
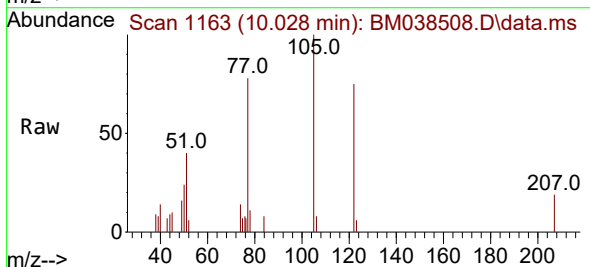
Tgt Ion:122 Resp: 4736

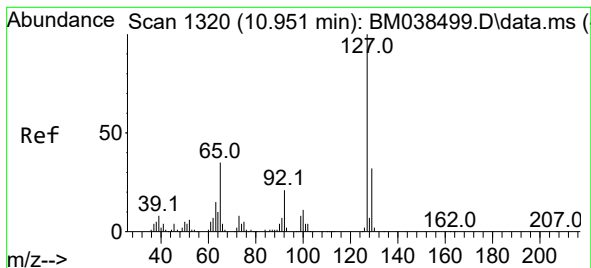
Ion Ratio Lower Upper

122 100

105 134.2 107.9 147.9

77 104.3 88.6 128.6

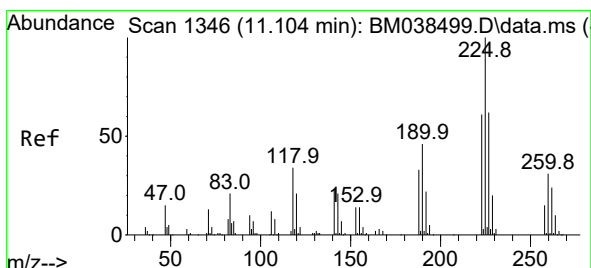
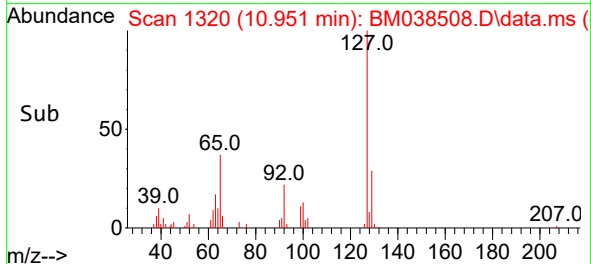
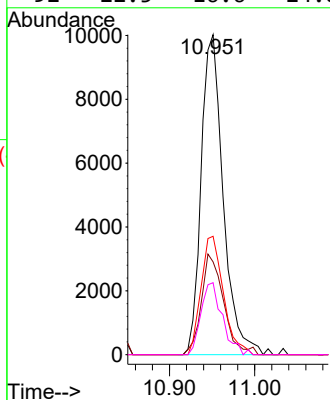
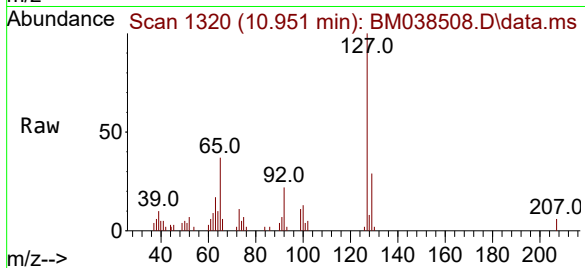




#33
4-Chloroaniline
Concen: 4.217 ng
RT: 10.951 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

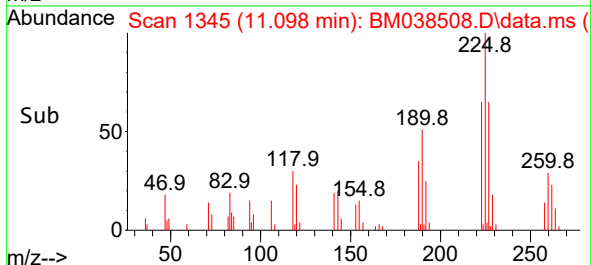
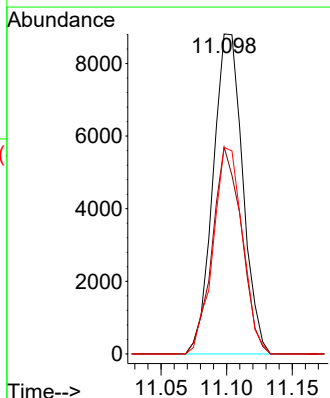
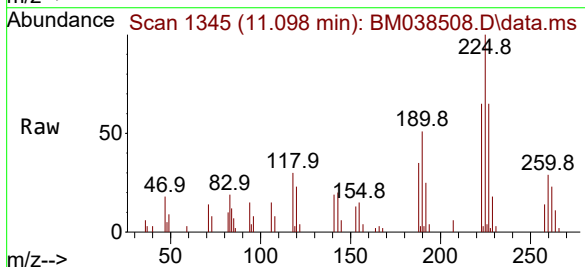
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022

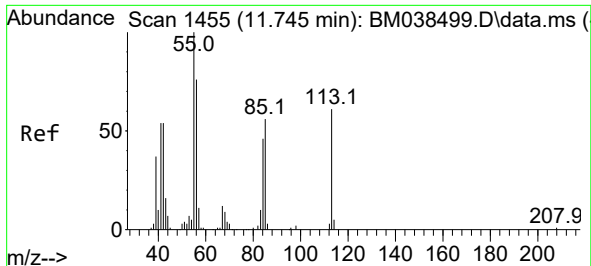
Tgt Ion:	127	Resp:	18043
Ion	Ratio	Lower	Upper
127	100		
129	29.0	25.8	38.6
65	37.0	28.2	42.2
92	22.5	16.6	24.8



#34
Hexachlorobutadiene
Concen: 5.411 ng
RT: 11.098 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

Tgt Ion:	225	Resp:	13870
Ion	Ratio	Lower	Upper
225	100		
223	67.4	48.8	73.2
227	66.7	49.4	74.0

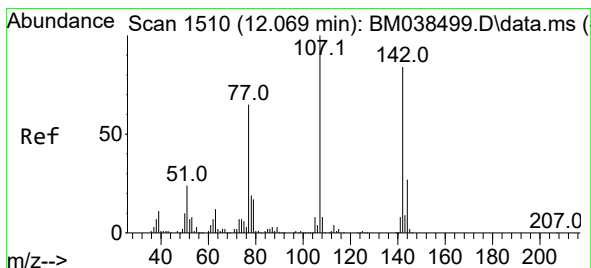
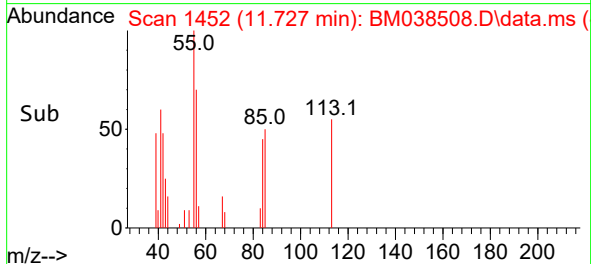
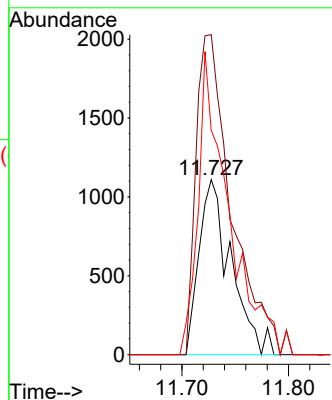
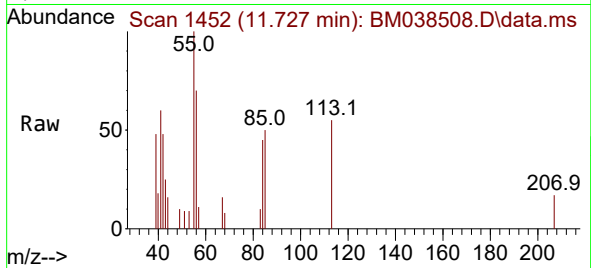




#35
 Caprolactam
 Concen: 2.789 ng
 RT: 11.727 min Scan# 1452
 Delta R.T. -0.018 min
 Lab File: BM038508.D
 Acq: 23 Jan 2023 13:16

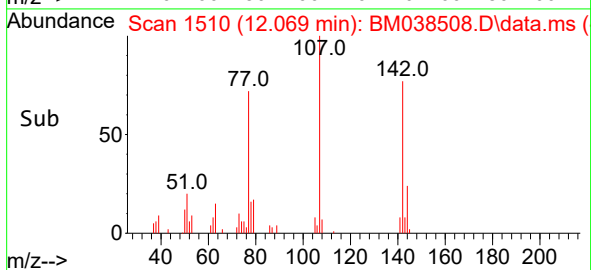
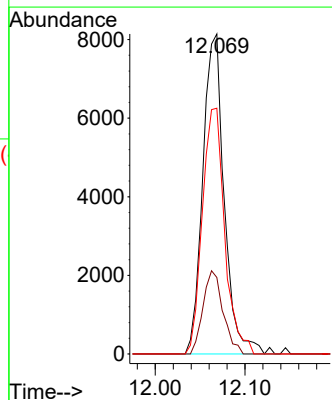
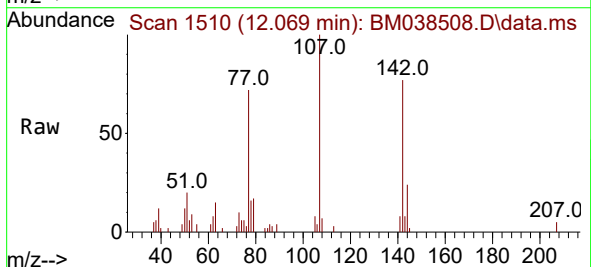
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT4-2022

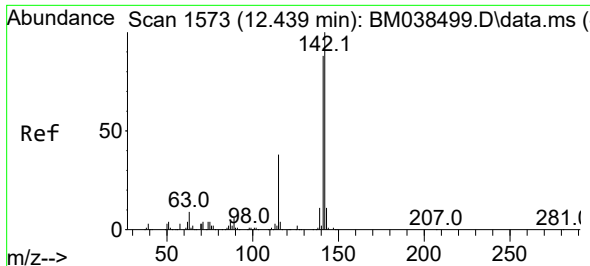
Tgt Ion:113 Resp: 2304
 Ion Ratio Lower Upper
 113 100
 55 182.9 145.0 185.0
 56 128.1 105.7 145.7



#36
 4-Chloro-3-methylphenol
 Concen: 4.368 ng
 RT: 12.069 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: BM038508.D
 Acq: 23 Jan 2023 13:16

Tgt Ion:107 Resp: 13535
 Ion Ratio Lower Upper
 107 100
 144 23.9 22.0 33.0
 142 76.8 67.5 101.3

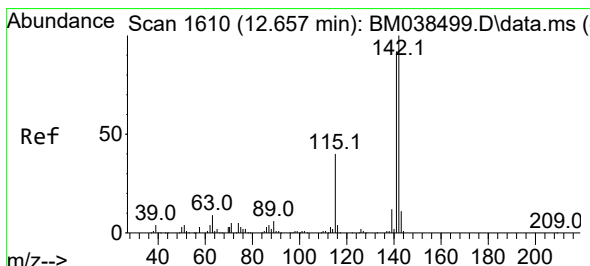
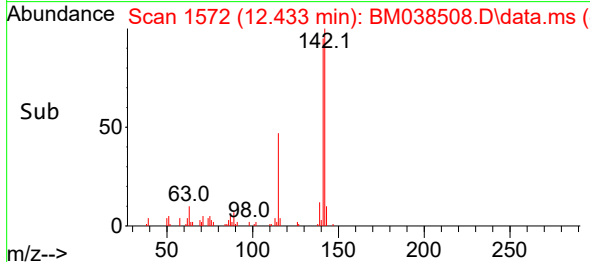
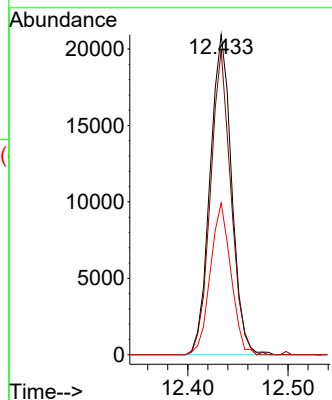
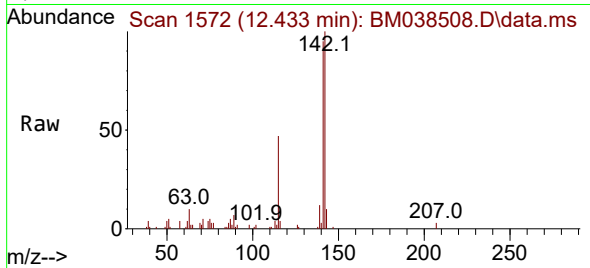




#37
2-Methylnaphthalene
Concen: 4.255 ng
RT: 12.433 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

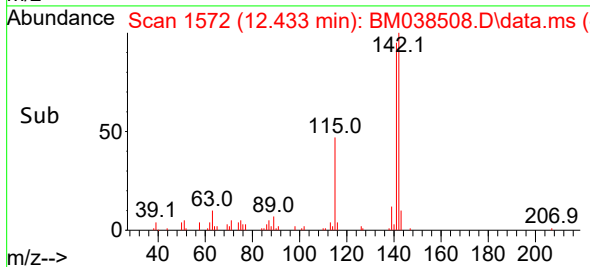
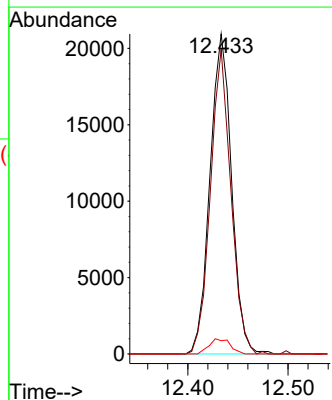
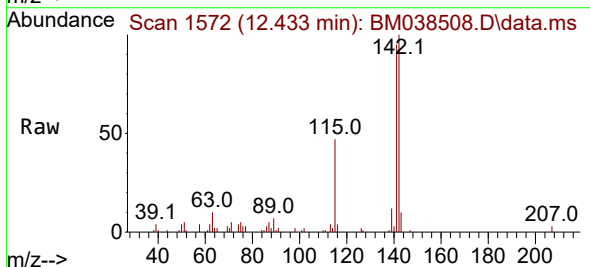
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022

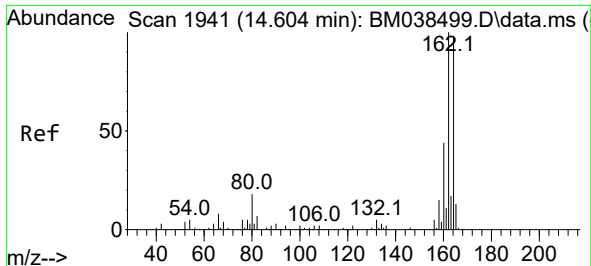
Tgt Ion:142 Resp: 31351
Ion Ratio Lower Upper
142 100
141 95.2 70.7 106.1
115 47.4 30.4 45.6#



#38
1-Methylnaphthalene
Concen: 4.512 ng
RT: 12.433 min Scan# 1572
Delta R.T. -0.223 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

Tgt Ion:142 Resp: 31351
Ion Ratio Lower Upper
142 100
141 95.2 73.4 110.0
116 4.1 3.3 4.9

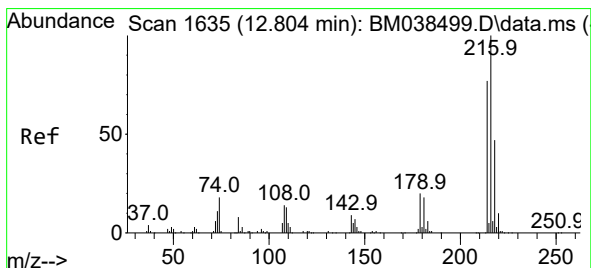
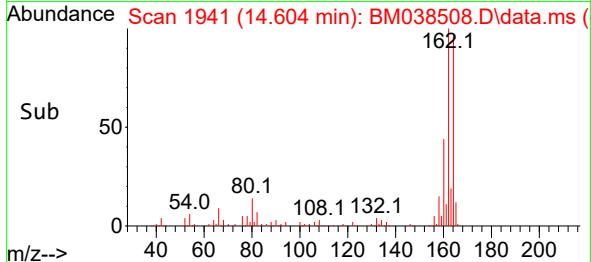
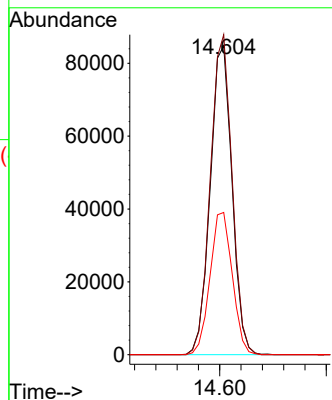
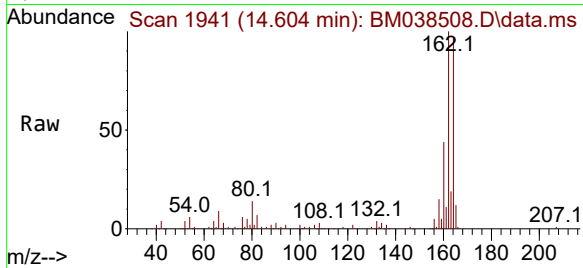




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.604 min Scan# 1941
Delta R.T. 0.000 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

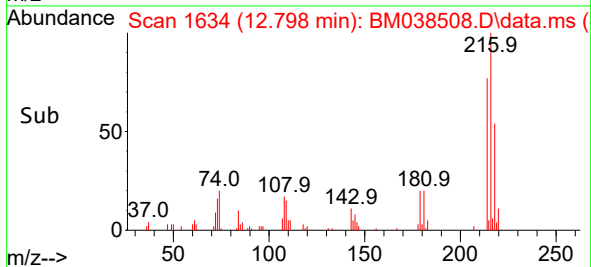
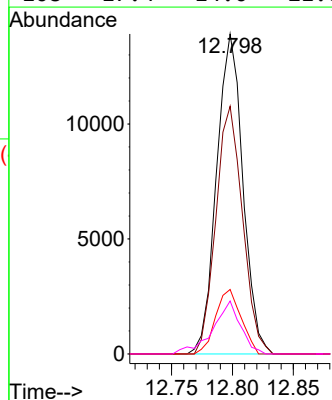
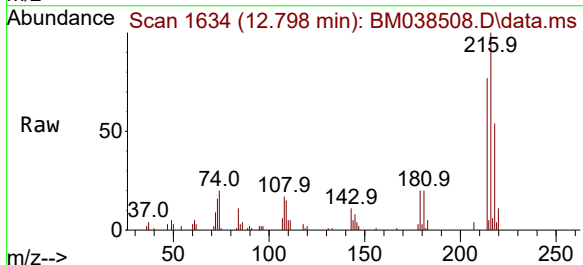
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022

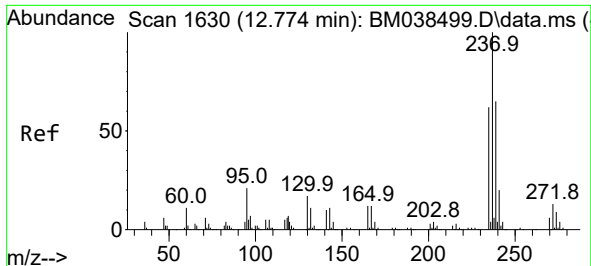
Tgt Ion:164 Resp: 120137
Ion Ratio Lower Upper
164 100
162 103.5 82.0 123.0
160 46.0 35.8 53.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.623 ng
RT: 12.798 min Scan# 1634
Delta R.T. -0.006 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

Tgt Ion:216 Resp: 20891
Ion Ratio Lower Upper
216 100
214 78.5 61.4 92.0
179 19.5 15.7 23.5
108 17.4 14.0 21.0

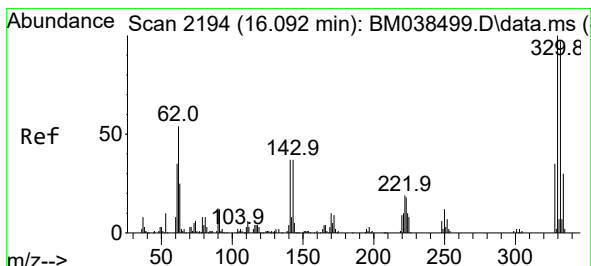
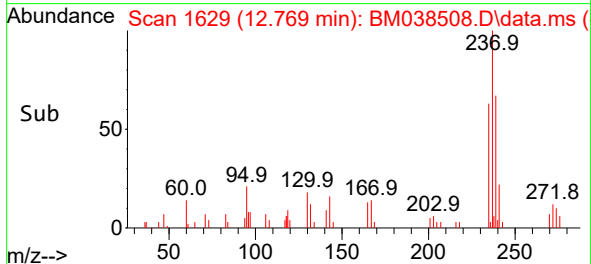
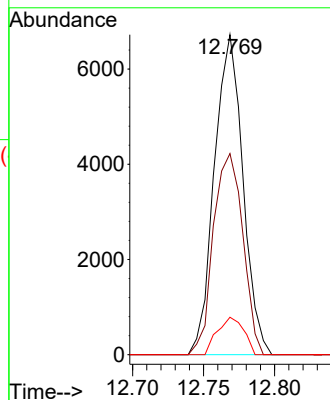
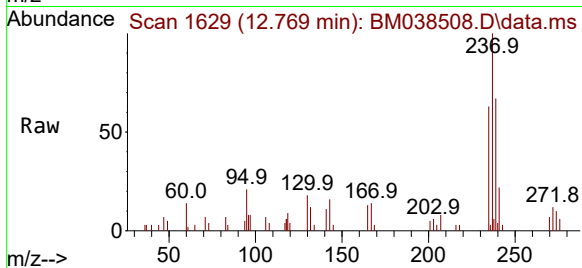




#41
Hexachlorocyclopentadiene
Concen: 3.784 ng
RT: 12.769 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

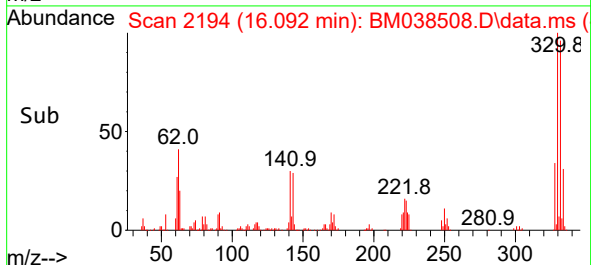
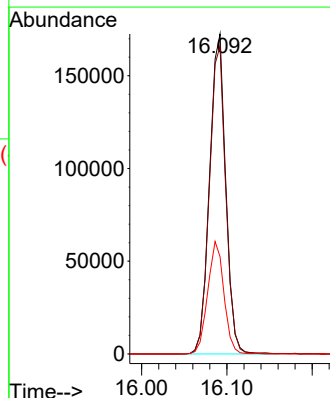
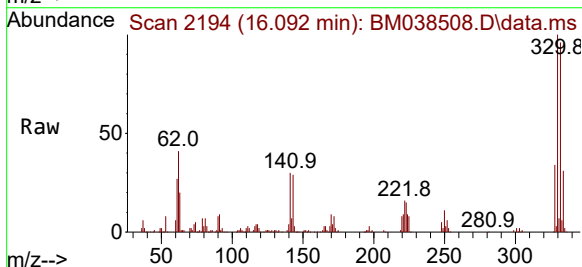
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022

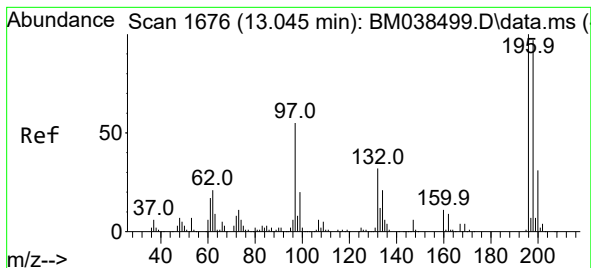
Tgt Ion:237 Resp: 9398
Ion Ratio Lower Upper
237 100
235 62.8 42.3 82.3
272 11.7 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 131.528 ng
RT: 16.092 min Scan# 2194
Delta R.T. 0.000 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

Tgt Ion:330 Resp: 227544
Ion Ratio Lower Upper
330 100
332 96.7 77.5 116.3
141 35.2 29.0 43.4





#43

2,4,6-Trichlorophenol

Concen: 4.274 ng

RT: 13.039 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM038508.D

Acq: 23 Jan 2023 13:16

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2022

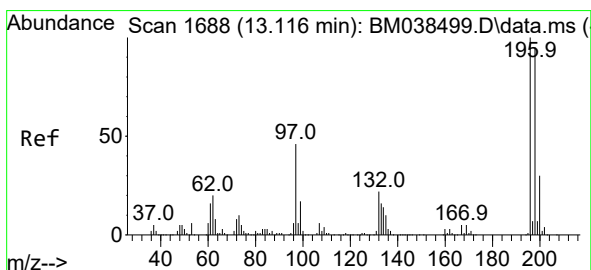
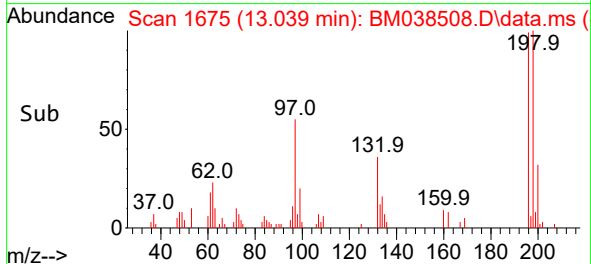
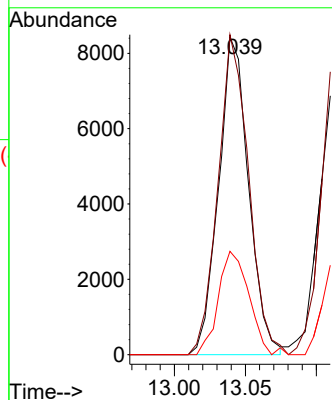
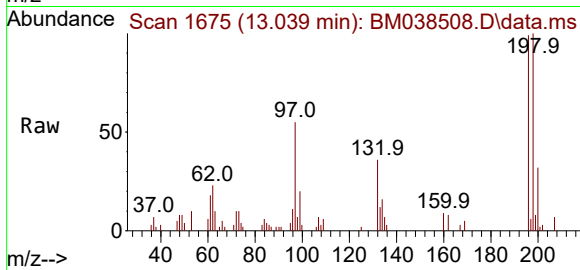
Tgt Ion:196 Resp: 12364

Ion Ratio Lower Upper

196 100

198 100.7 77.9 116.9

200 32.5 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 4.103 ng

RT: 13.116 min Scan# 1688

Delta R.T. 0.000 min

Lab File: BM038508.D

Acq: 23 Jan 2023 13:16

Tgt Ion:196 Resp: 13901

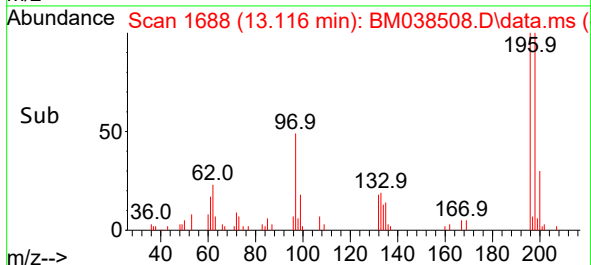
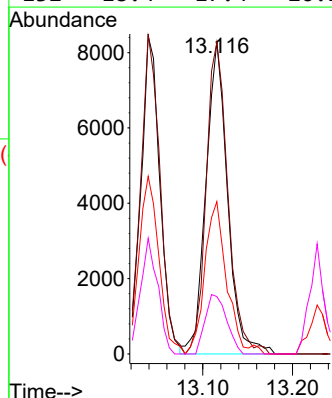
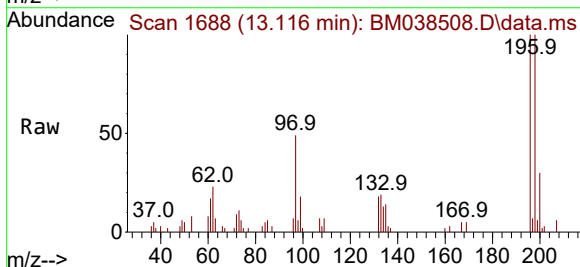
Ion Ratio Lower Upper

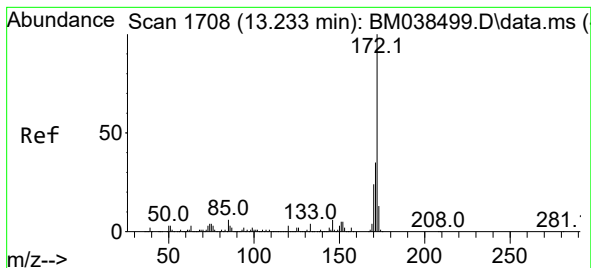
196 100

198 100.0 76.0 114.0

97 48.8 36.9 55.3

132 18.4 17.4 26.2





#45

2-Fluorobiphenyl

Concen: 73.262 ng

RT: 13.227 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM038508.D

Acq: 23 Jan 2023 13:16

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2022

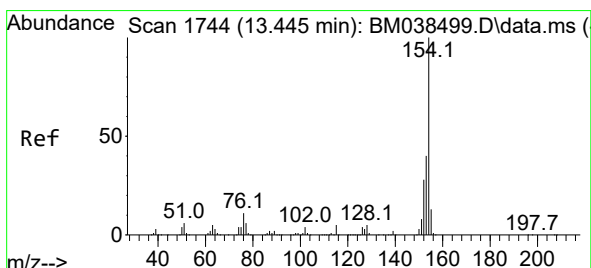
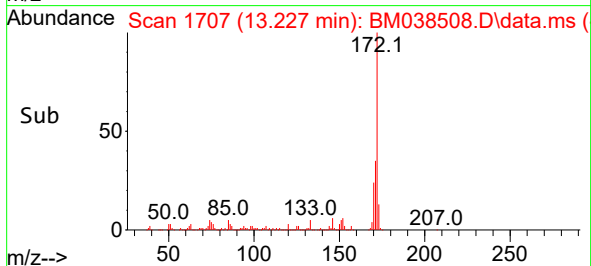
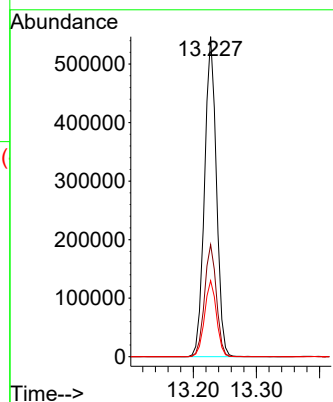
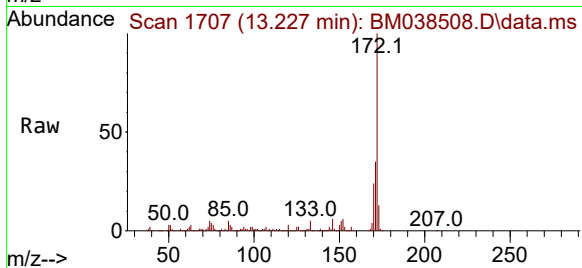
Tgt Ion:172 Resp: 714511

Ion Ratio Lower Upper

172 100

171 35.0 28.0 42.0

170 23.8 19.5 29.3



#46

1,1'-Biphenyl

Concen: 4.489 ng

RT: 13.439 min Scan# 1743

Delta R.T. -0.006 min

Lab File: BM038508.D

Acq: 23 Jan 2023 13:16

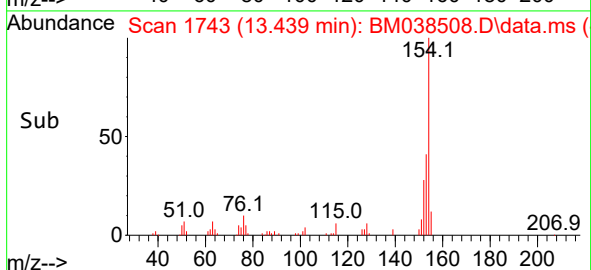
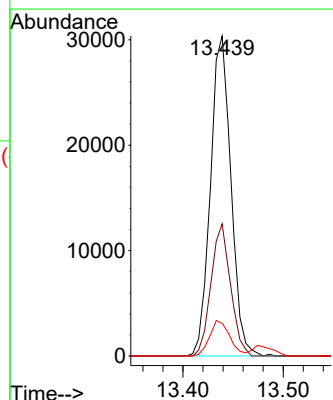
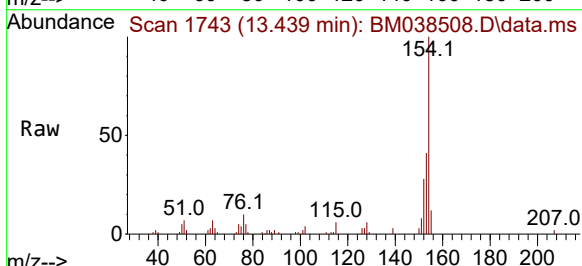
Tgt Ion:154 Resp: 43195

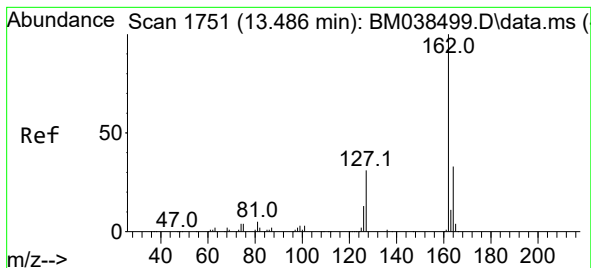
Ion Ratio Lower Upper

154 100

153 41.3 20.1 60.1

76 10.2 0.0 31.3





#47

2-Chloronaphthalene

Concen: 4.767 ng

RT: 13.480 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM038508.D

Acq: 23 Jan 2023 13:16

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2022

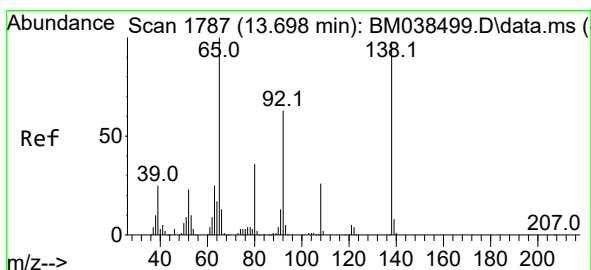
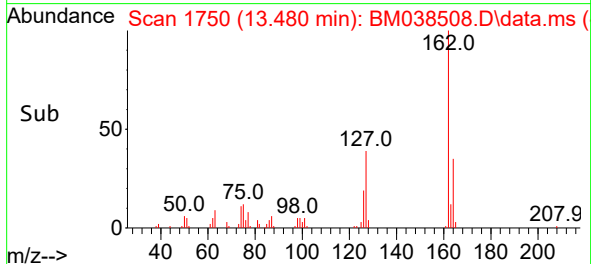
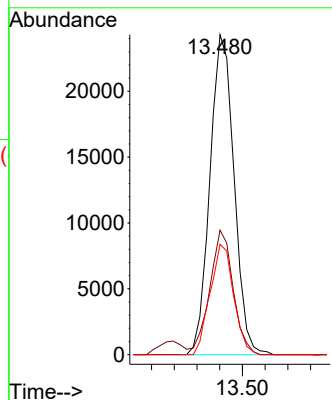
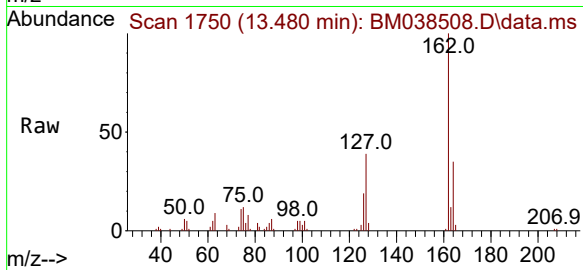
Tgt Ion:162 Resp: 35805

Ion Ratio Lower Upper

162 100

127 38.9 27.4 41.2

164 34.5 26.7 40.1



#48

2-Nitroaniline

Concen: 3.920 ng

RT: 13.698 min Scan# 1787

Delta R.T. 0.000 min

Lab File: BM038508.D

Acq: 23 Jan 2023 13:16

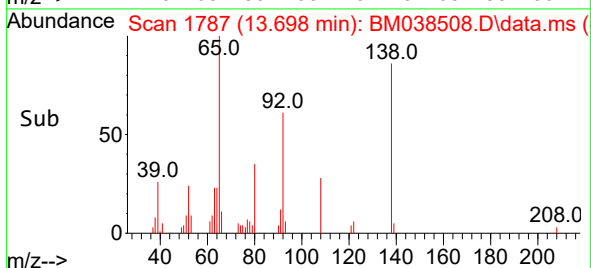
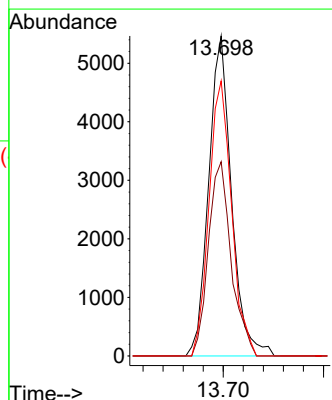
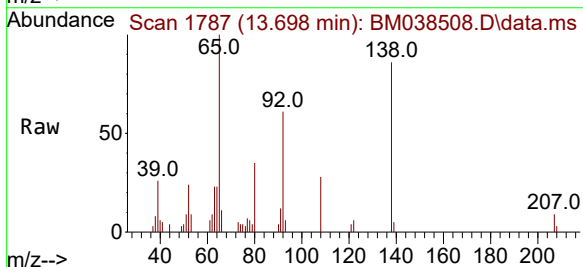
Tgt Ion: 65 Resp: 8646

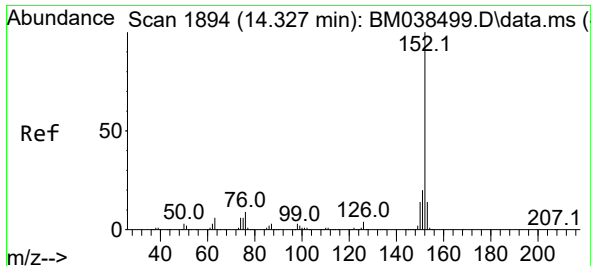
Ion Ratio Lower Upper

65 100

92 60.7 50.0 75.0

138 85.9 78.2 117.2

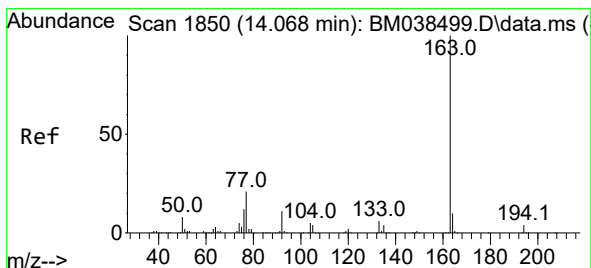
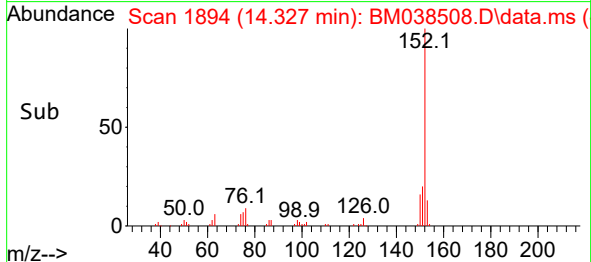
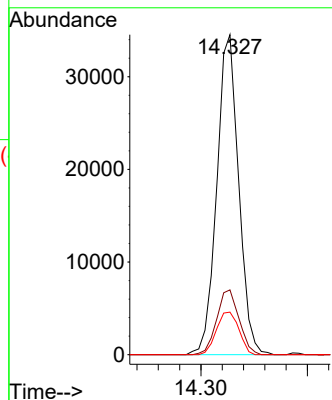
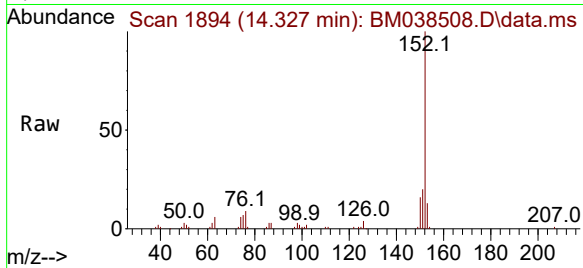




#49
Acenaphthylene
Concen: 4.175 ng
RT: 14.327 min Scan# 1894
Delta R.T. 0.000 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

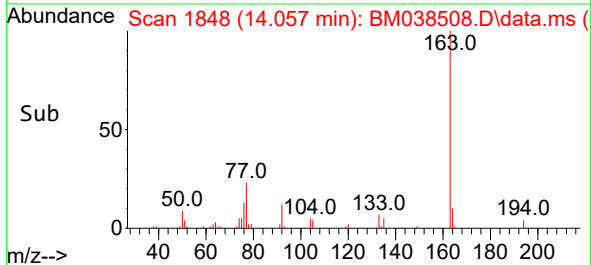
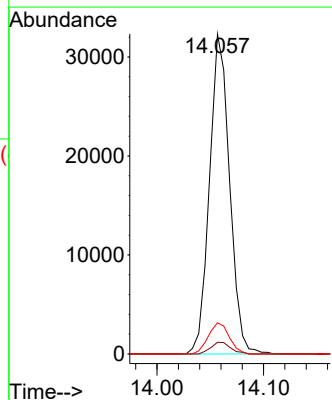
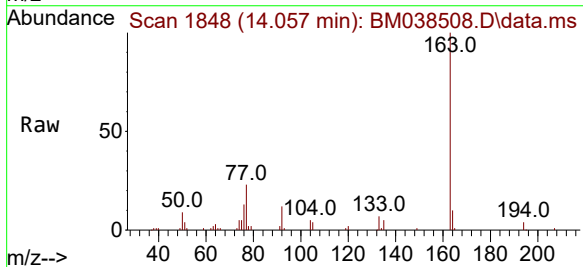
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022

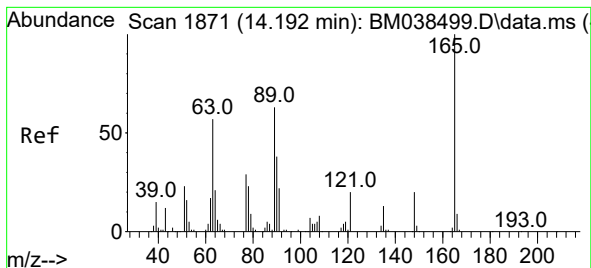
Tgt Ion:152 Resp: 49063
Ion Ratio Lower Upper
152 100
151 20.3 16.0 24.0
153 13.3 10.8 16.2



#50
Dimethylphthalate
Concen: 4.577 ng
RT: 14.057 min Scan# 1848
Delta R.T. -0.012 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

Tgt Ion:163 Resp: 42325
Ion Ratio Lower Upper
163 100
194 3.6 3.3 4.9
164 9.7 8.0 12.0





#51

2,6-Dinitrotoluene

Concen: 3.941 ng

RT: 14.186 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM038508.D

Acq: 23 Jan 2023 13:16

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2022

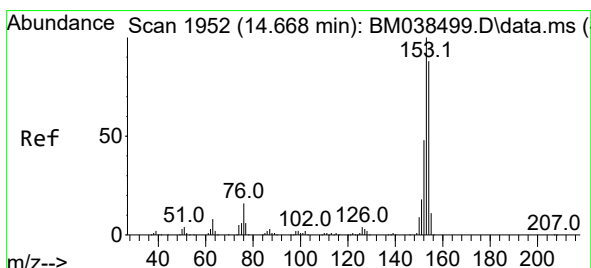
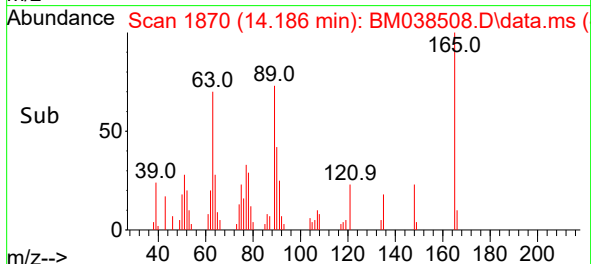
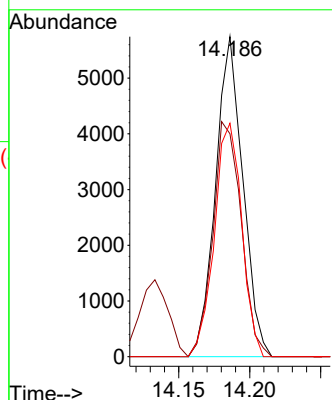
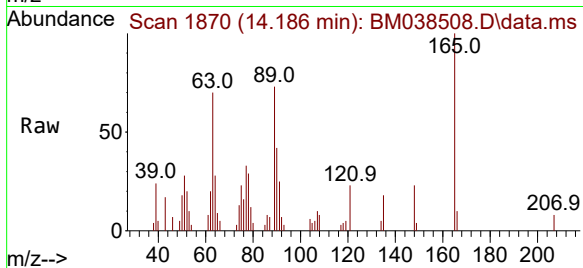
Tgt Ion:165 Resp: 7670

Ion Ratio Lower Upper

165 100

63 69.6 51.0 76.4

89 72.9 50.2 75.4



#52

Acenaphthene

Concen: 4.470 ng

RT: 14.663 min Scan# 1951

Delta R.T. -0.006 min

Lab File: BM038508.D

Acq: 23 Jan 2023 13:16

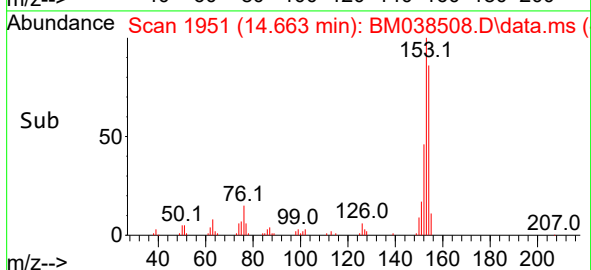
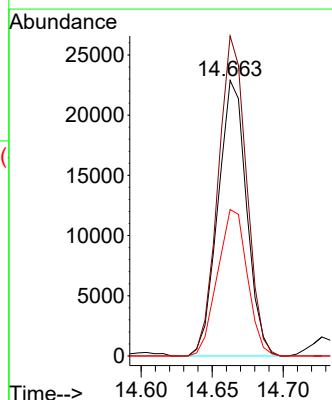
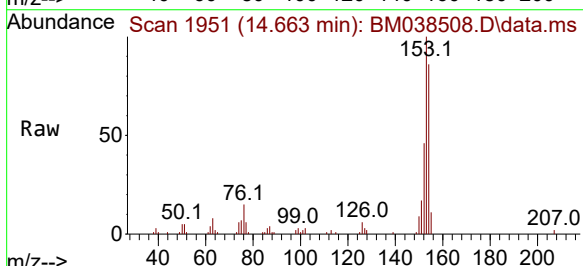
Tgt Ion:154 Resp: 32035

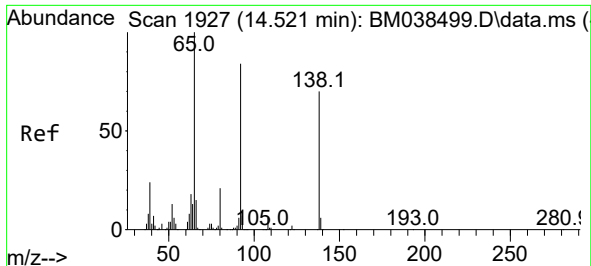
Ion Ratio Lower Upper

154 100

153 116.2 90.7 136.1

152 53.1 43.8 65.8

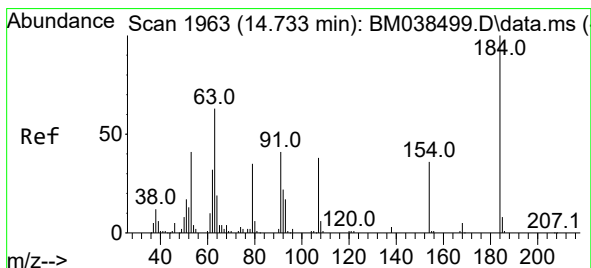
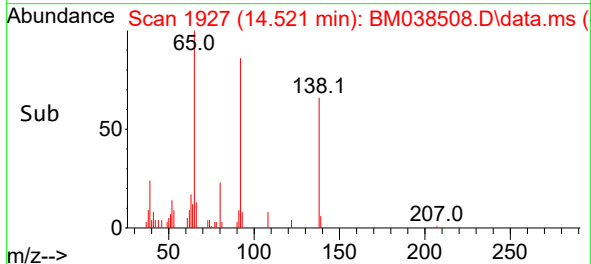
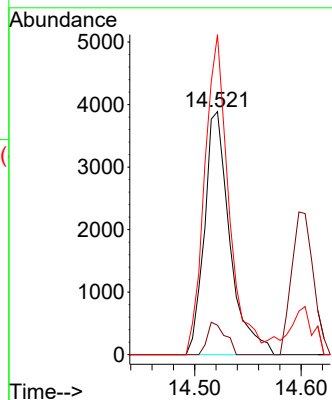
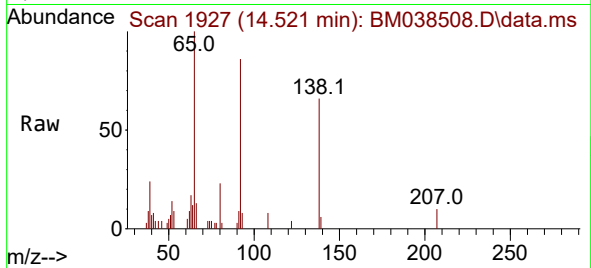




#53
3-Nitroaniline
Concen: 3.336 ng
RT: 14.521 min Scan# 1927
Delta R.T. 0.000 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

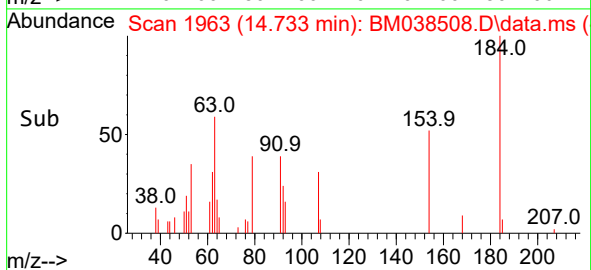
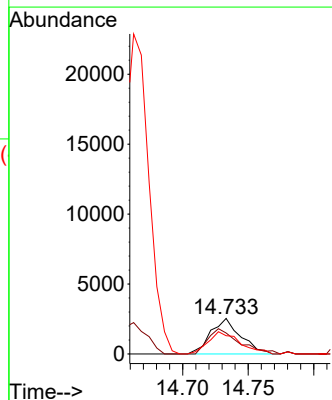
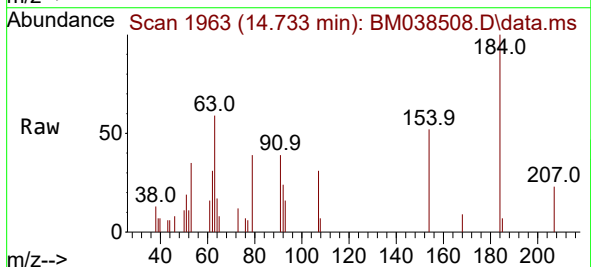
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022

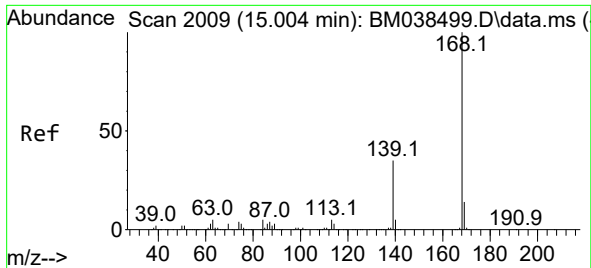
Tgt Ion:138 Resp: 6452
Ion Ratio Lower Upper
138 100
108 12.1 7.0 10.4#
92 131.7 95.7 143.5



#54
2,4-Dinitrophenol
Concen: 7.353 ng
RT: 14.733 min Scan# 1963
Delta R.T. 0.000 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

Tgt Ion:184 Resp: 4031
Ion Ratio Lower Upper
184 100
63 59.1 52.2 78.4
154 51.5 48.9 73.3

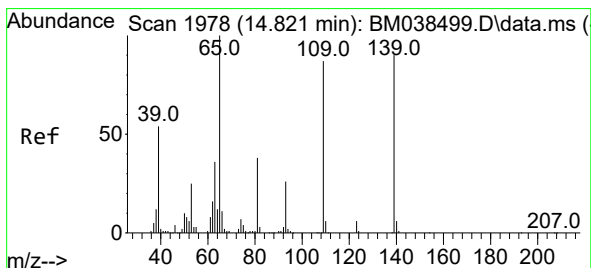
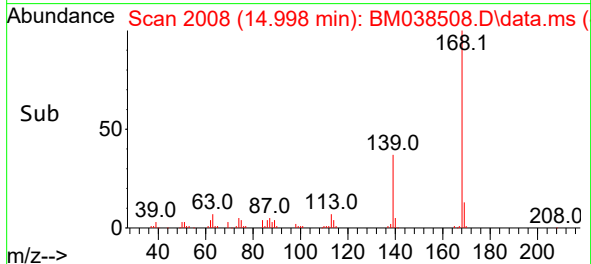
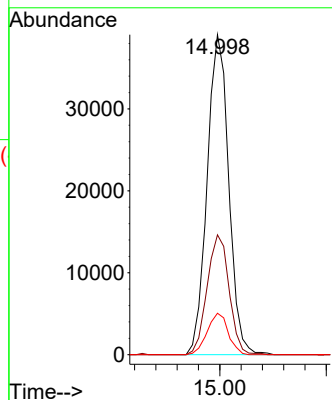
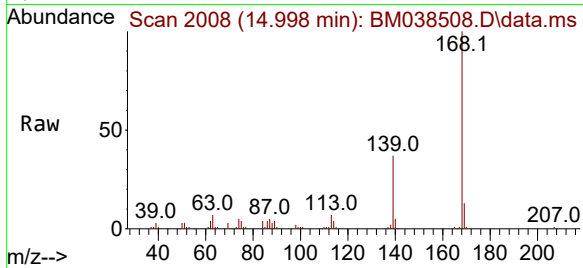




#55
Dibenzenofuran
Concen: 4.587 ng
RT: 14.998 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

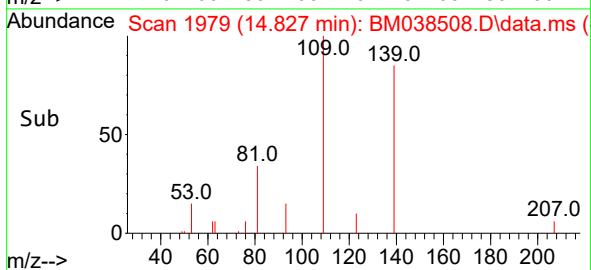
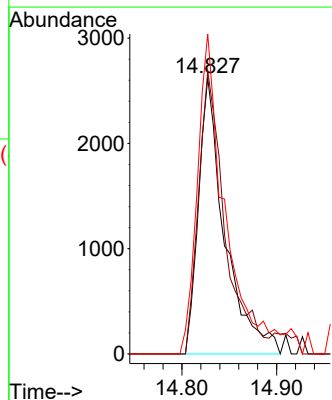
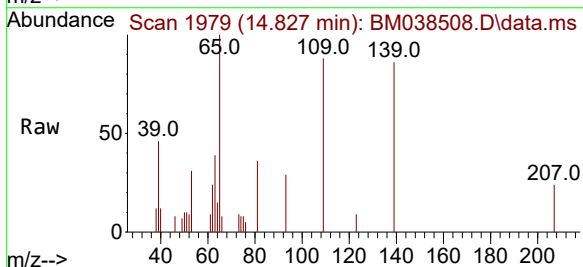
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022

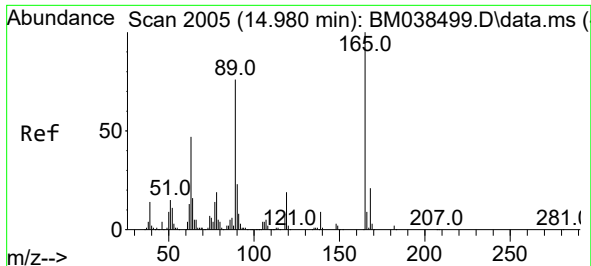
Tgt Ion:168 Resp: 54958
Ion Ratio Lower Upper
168 100
139 37.5 27.9 41.9
169 13.0 11.0 16.6



#56
4-Nitrophenol
Concen: 3.163 ng
RT: 14.827 min Scan# 1979
Delta R.T. 0.006 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

Tgt Ion:139 Resp: 5037
Ion Ratio Lower Upper
139 100
109 102.7 76.8 116.8
65 116.0 91.7 131.7





#57

2,4-Dinitrotoluene

Concen: 3.648 ng

RT: 14.974 min Scan# 2004

Delta R.T. -0.006 min

Lab File: BM038508.D

Acq: 23 Jan 2023 13:16

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2022

Tgt Ion:165 Resp: 9625

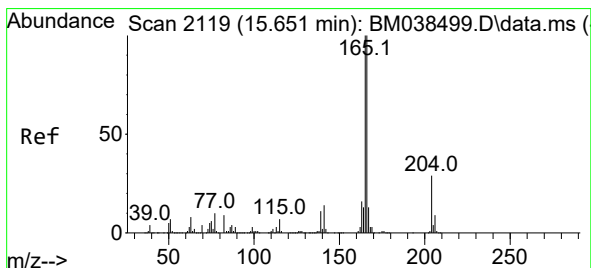
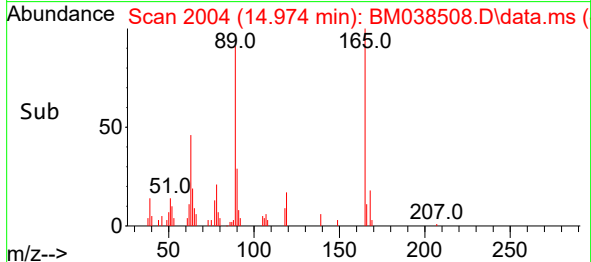
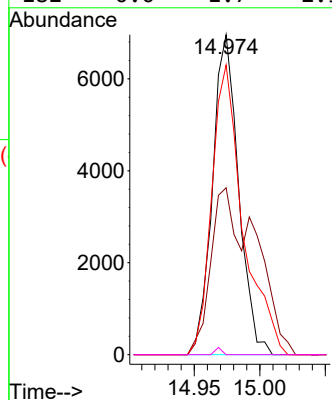
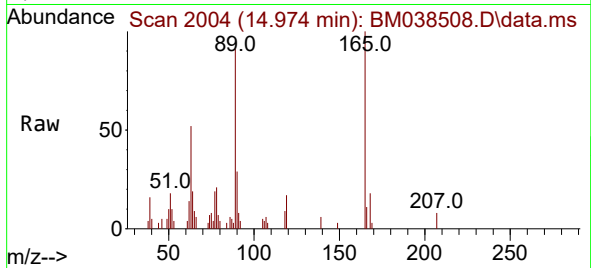
Ion Ratio Lower Upper

165 100

63 52.1 37.8 56.8

89 90.6 60.9 91.3

182 0.0 1.7 2.5#



#58

Fluorene

Concen: 4.365 ng

RT: 15.645 min Scan# 2118

Delta R.T. -0.006 min

Lab File: BM038508.D

Acq: 23 Jan 2023 13:16

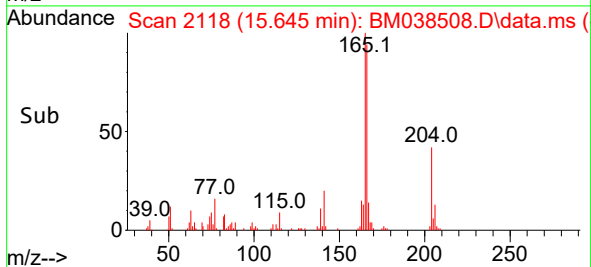
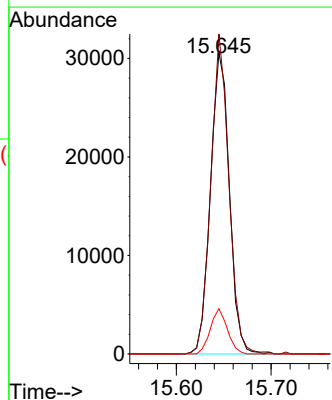
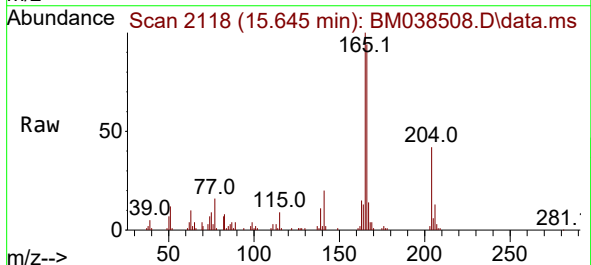
Tgt Ion:166 Resp: 42412

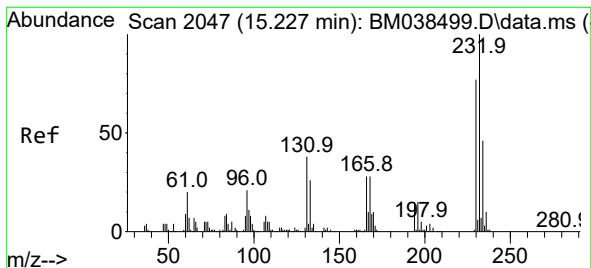
Ion Ratio Lower Upper

166 100

165 106.3 79.6 119.4

167 15.1 10.5 15.7

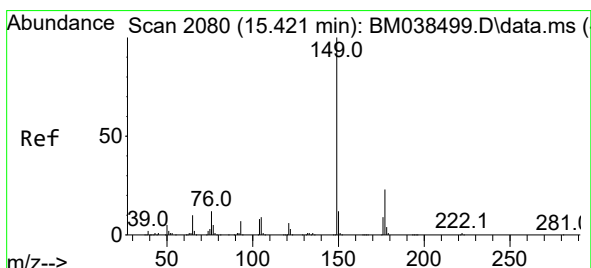
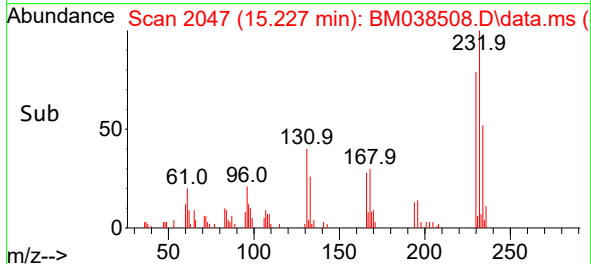
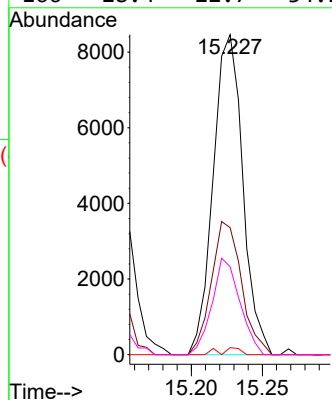
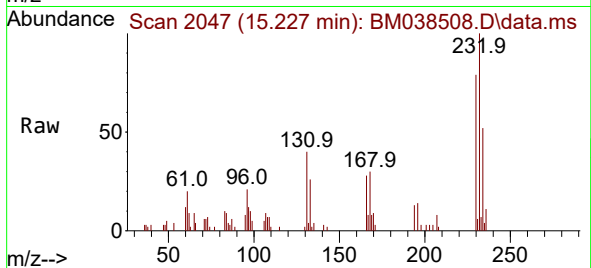




#59
2,3,4,6-Tetrachlorophenol
Concen: 4.420 ng
RT: 15.227 min Scan# 2047
Delta R.T. 0.000 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

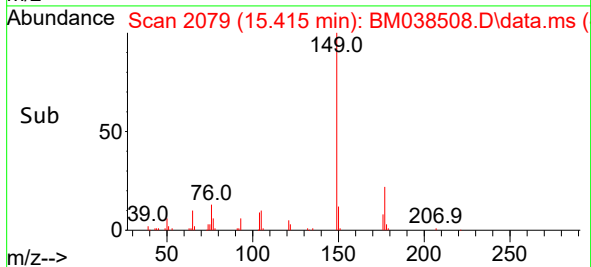
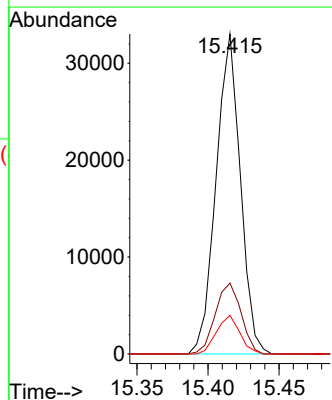
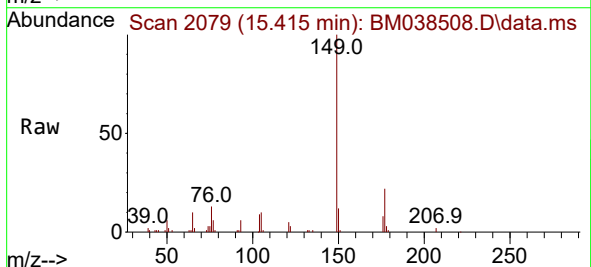
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022

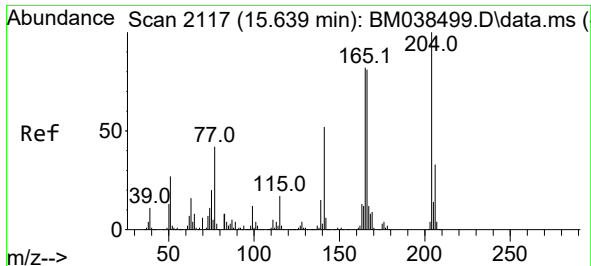
Tgt Ion:232	Resp:	12242
Ion Ratio	Lower	Upper
232	100	
131	42.4	31.0 46.4
130	1.5	1.8 2.6#
166	28.4	22.7 34.1



#60
Diethylphthalate
Concen: 4.326 ng
RT: 15.415 min Scan# 2079
Delta R.T. -0.006 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

Tgt Ion:149	Resp:	39179
Ion Ratio	Lower	Upper
149	100	
177	22.1	18.6 27.8
150	12.0	9.5 14.3

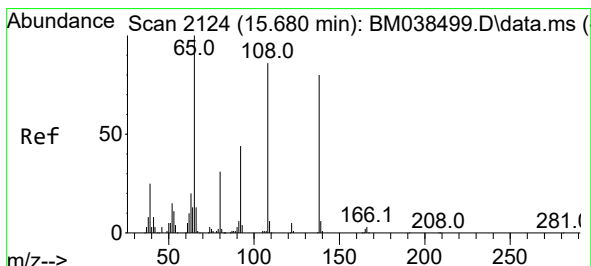
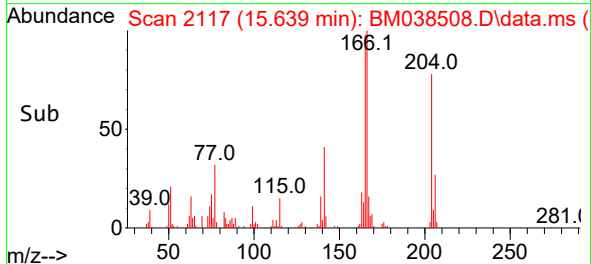
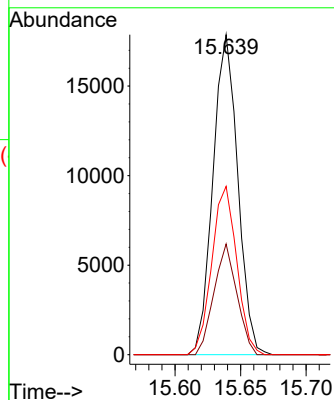
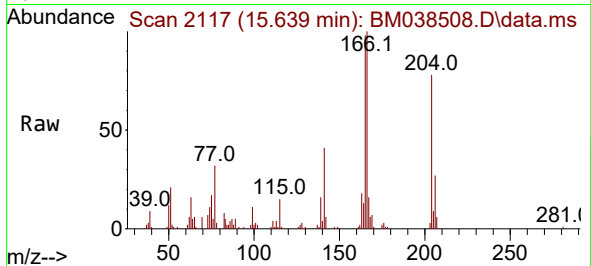




#61
4-Chlorophenyl-phenylether
Concen: 4.607 ng
RT: 15.639 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

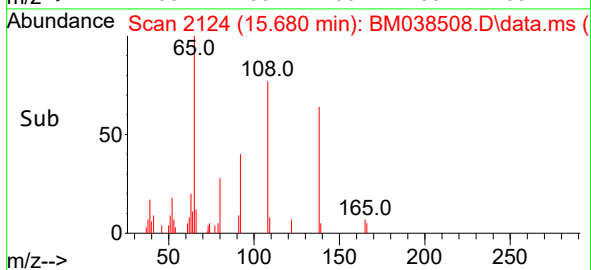
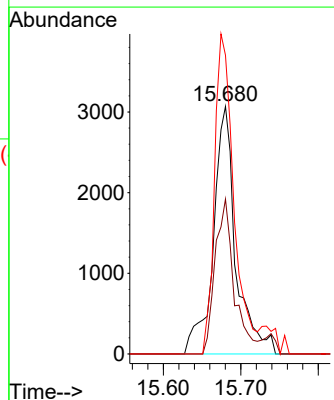
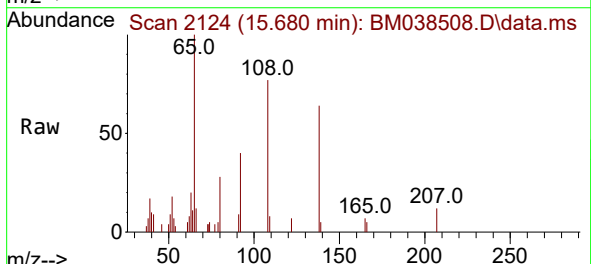
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022

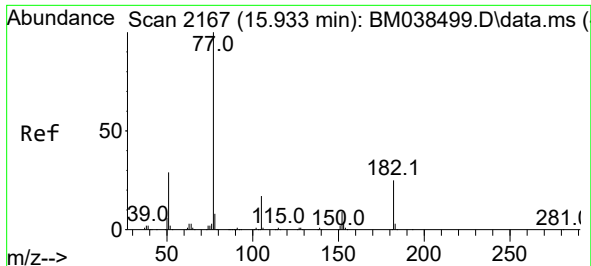
Tgt Ion:204 Resp: 23502
Ion Ratio Lower Upper
204 100
206 34.6 26.2 39.4
141 52.6 41.5 62.3



#62
4-Nitroaniline
Concen: 5.983 ng
RT: 15.680 min Scan# 2124
Delta R.T. 0.000 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

Tgt Ion:138 Resp: 6187
Ion Ratio Lower Upper
138 100
92 62.6 35.2 75.2
108 120.7 87.3 127.3

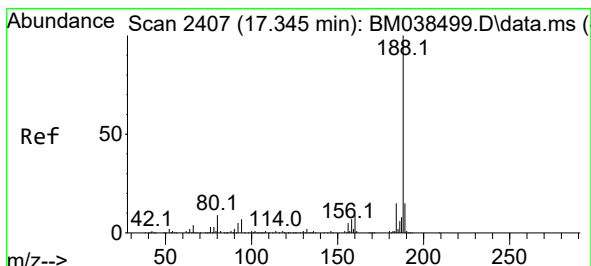
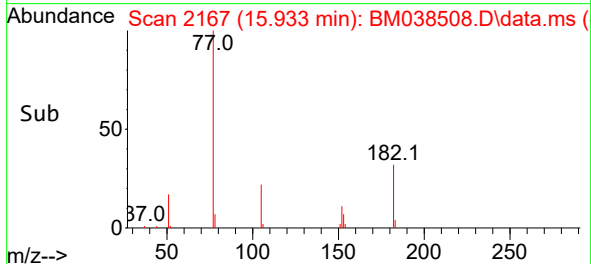
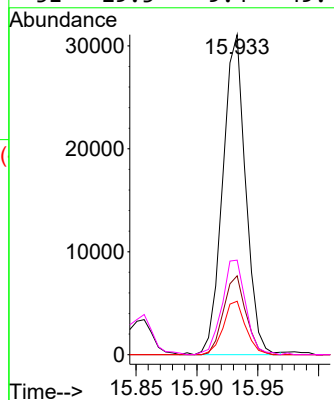
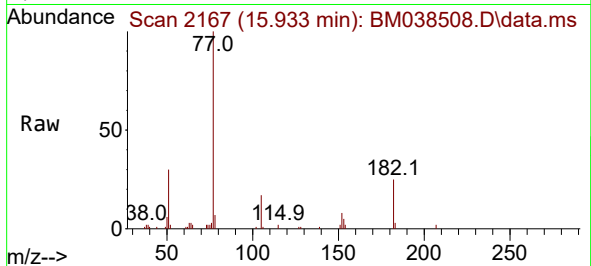




#63
 Azobenzene
 Concen: 4.239 ng
 RT: 15.933 min Scan# 2167
 Delta R.T. 0.000 min
 Lab File: BM038508.D
 Acq: 23 Jan 2023 13:16

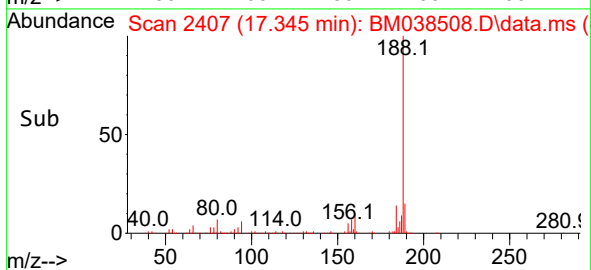
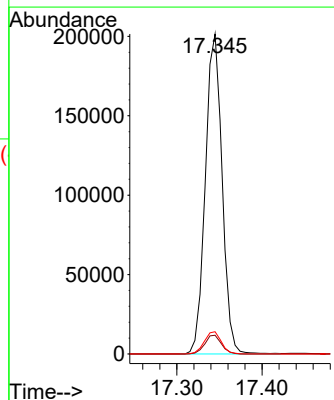
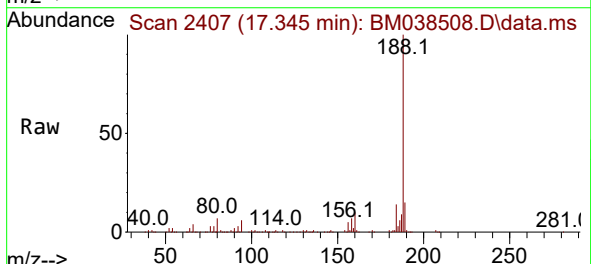
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT4-2022

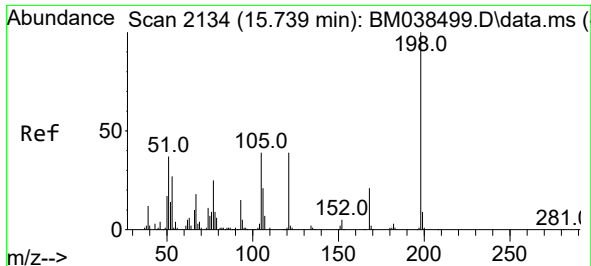
Tgt Ion: 77	Resp: 40675
Ion Ratio	Lower Upper
77 100	
182 24.6	4.7 44.7
105 16.7	0.0 36.7
51 29.5	9.4 49.4



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.345 min Scan# 2407
 Delta R.T. 0.000 min
 Lab File: BM038508.D
 Acq: 23 Jan 2023 13:16

Tgt Ion: 188	Resp: 275592
Ion Ratio	Lower Upper
188 100	
94 5.8	6.0 9.0#
80 6.9	6.9 10.3

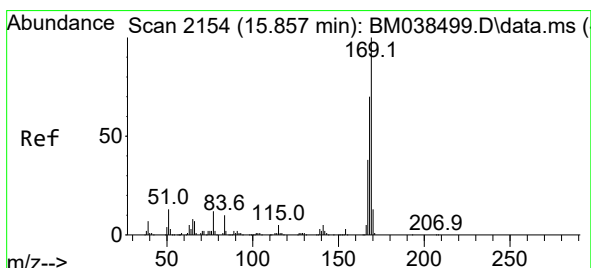
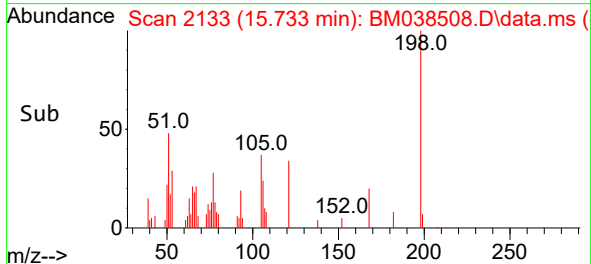
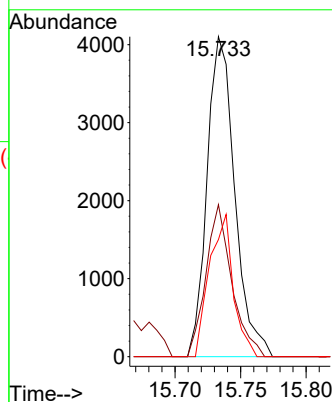
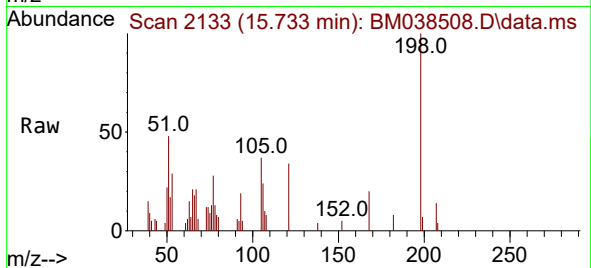




#65
4,6-Dinitro-2-methylphenol
Concen: 3.370 ng
RT: 15.733 min Scan# 2133
Delta R.T. -0.006 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

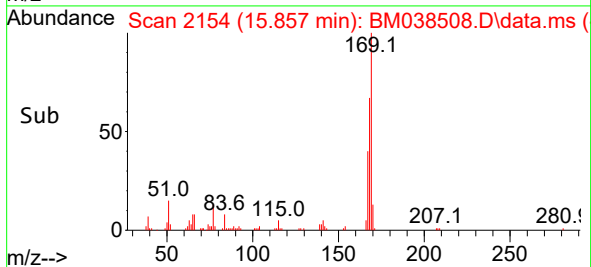
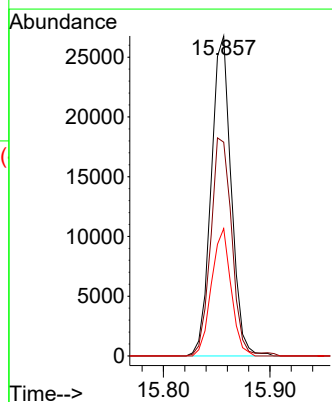
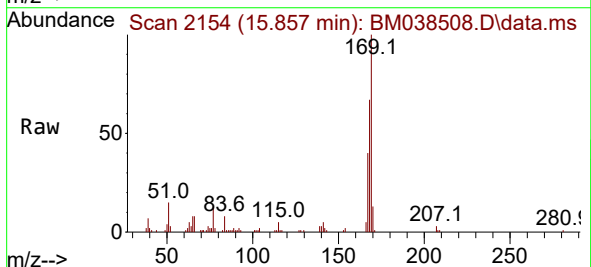
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022

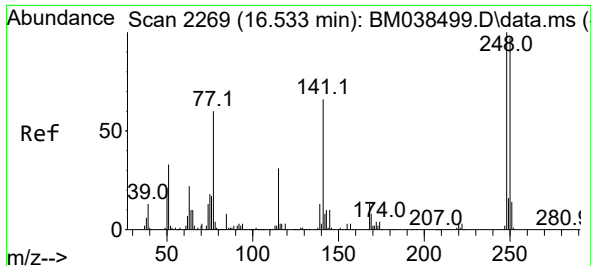
Tgt Ion:198 Resp: 6028
Ion Ratio Lower Upper
198 100
51 47.5 18.8 58.8
105 36.6 19.7 59.7



#66
n-Nitrosodiphenylamine
Concen: 4.225 ng
RT: 15.857 min Scan# 2154
Delta R.T. 0.000 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

Tgt Ion:169 Resp: 34955
Ion Ratio Lower Upper
169 100
168 66.8 55.8 83.8
167 39.8 30.3 45.5

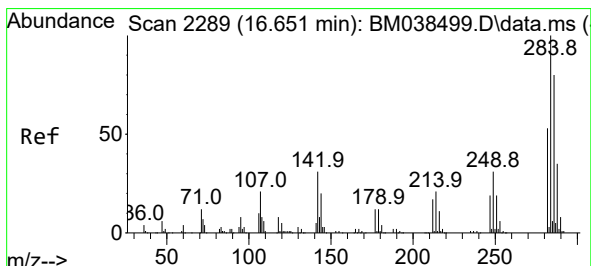
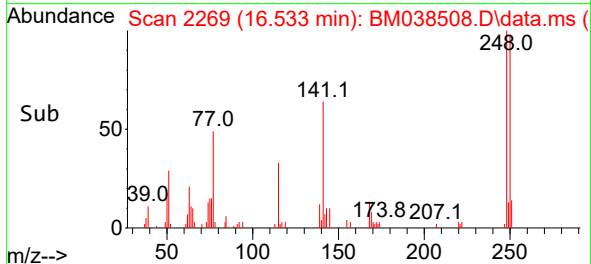
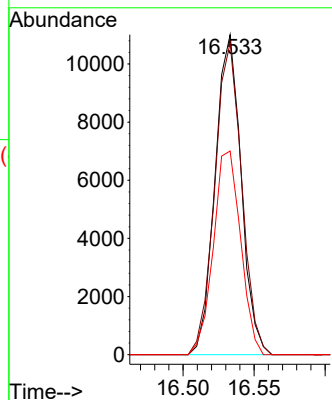
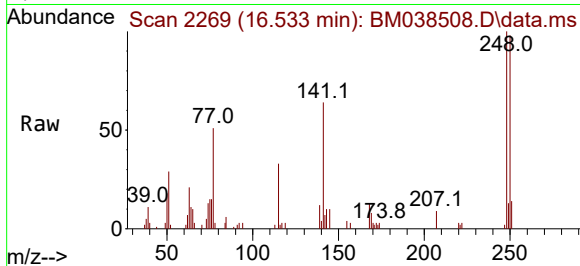




#67
4-Bromophenyl-phenylether
Concen: 4.594 ng
RT: 16.533 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

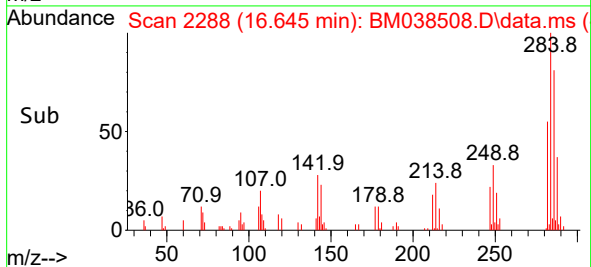
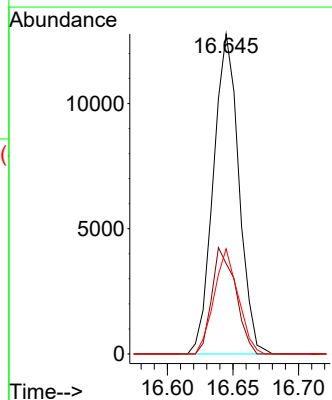
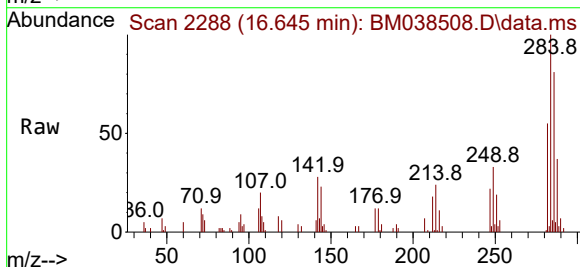
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022

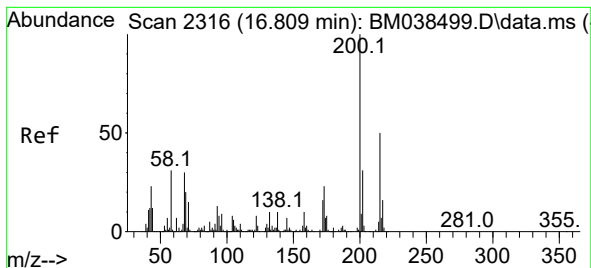
Tgt Ion:	248	Resp:	14043
Ion Ratio	Lower	Upper	
248	100		
250	97.5	77.6	116.4
141	63.6	52.5	78.7



#68
Hexachlorobenzene
Concen: 5.231 ng
RT: 16.645 min Scan# 2288
Delta R.T. -0.006 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

Tgt Ion:	284	Resp:	17255
Ion Ratio	Lower	Upper	
284	100		
142	28.3	25.2	37.8
249	32.9	24.4	36.6





#69

Atrazine

Concen: 4.542 ng

RT: 16.804 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM038508.D

Acq: 23 Jan 2023 13:16

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2022

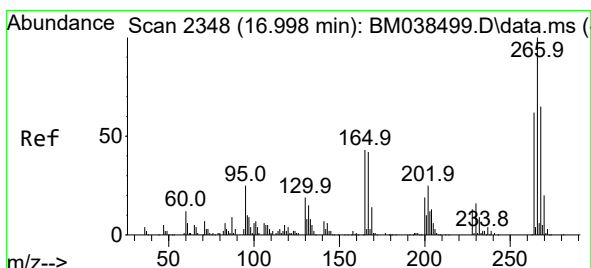
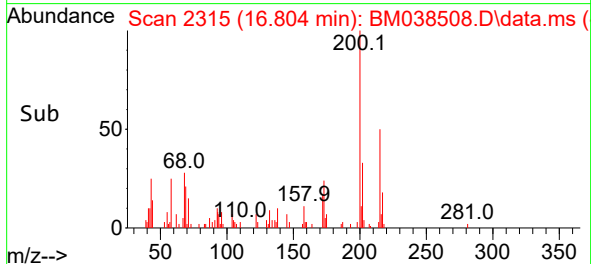
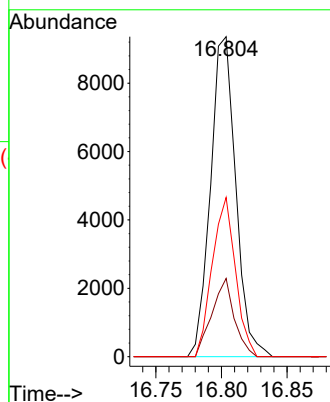
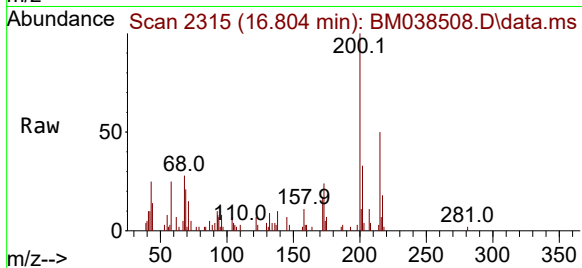
Tgt Ion:200 Resp: 12536

Ion Ratio Lower Upper

200 100

173 24.5 3.5 43.5

215 49.7 30.0 70.0



#70

Pentachlorophenol

Concen: 3.784 ng

RT: 16.998 min Scan# 2348

Delta R.T. 0.000 min

Lab File: BM038508.D

Acq: 23 Jan 2023 13:16

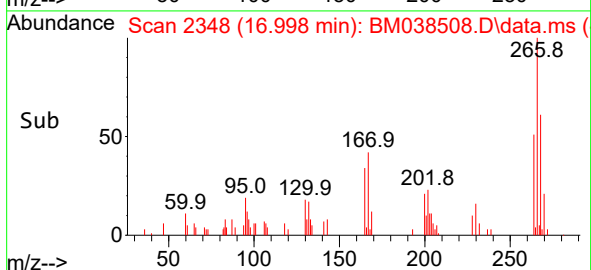
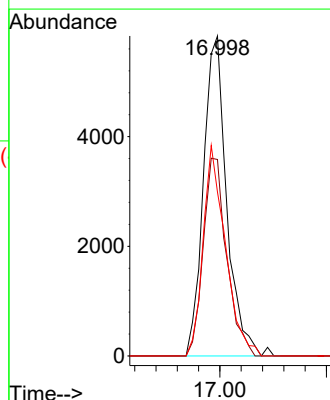
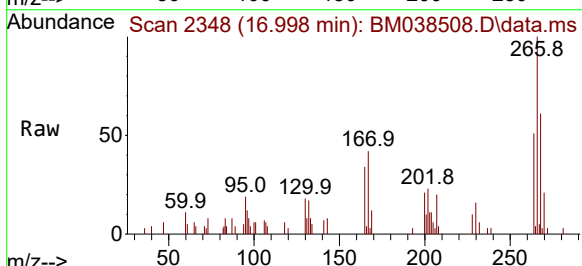
Tgt Ion:266 Resp: 8887

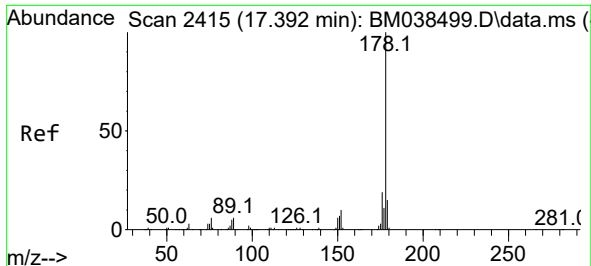
Ion Ratio Lower Upper

266 100

268 64.7 51.7 77.5

264 51.2 49.4 74.0

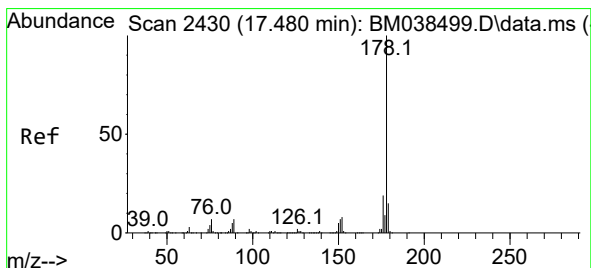
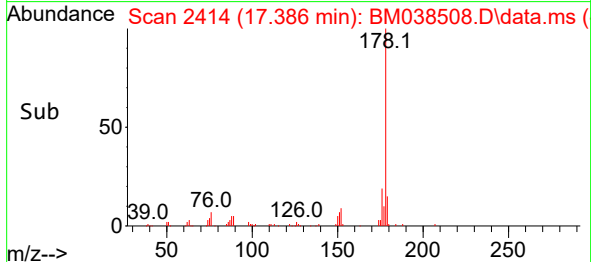
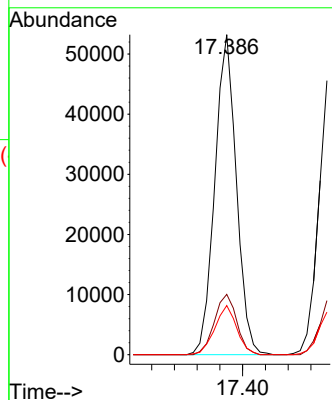
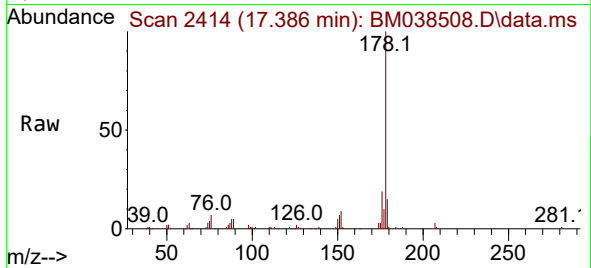




#71
Phenanthrene
Concen: 4.547 ng
RT: 17.386 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

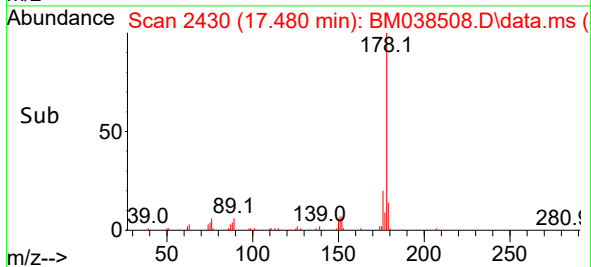
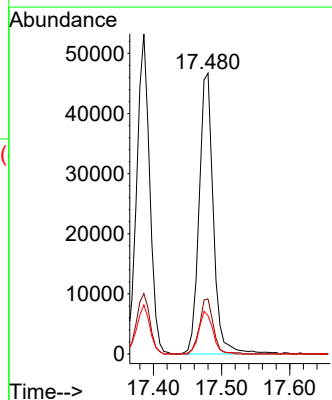
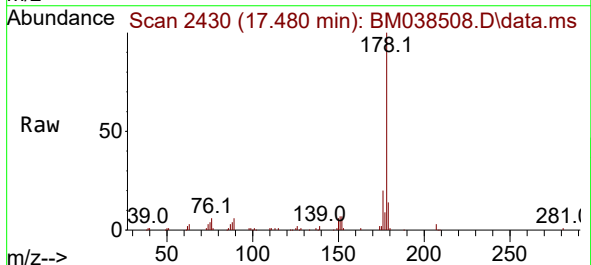
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022

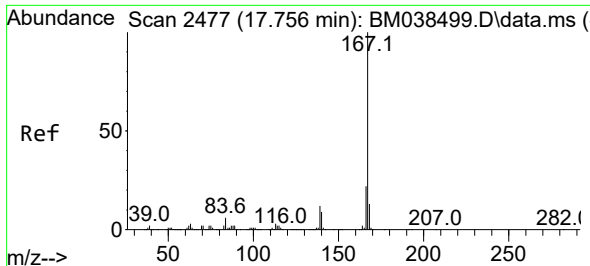
Tgt Ion:178 Resp: 69978
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.2
179 15.4 12.2 18.4



#72
Anthracene
Concen: 4.344 ng
RT: 17.480 min Scan# 2430
Delta R.T. 0.000 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

Tgt Ion:178 Resp: 68022
Ion Ratio Lower Upper
178 100
176 19.6 15.0 22.6
179 13.6 12.2 18.4

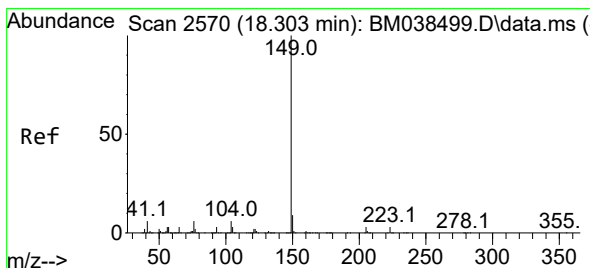
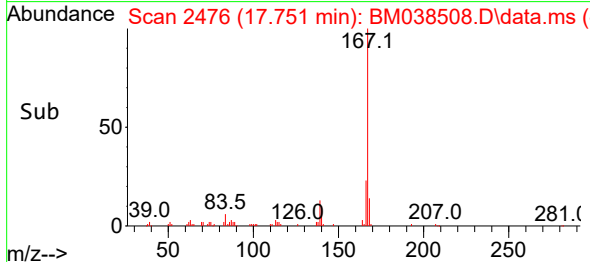
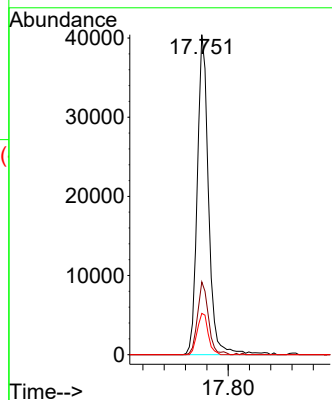
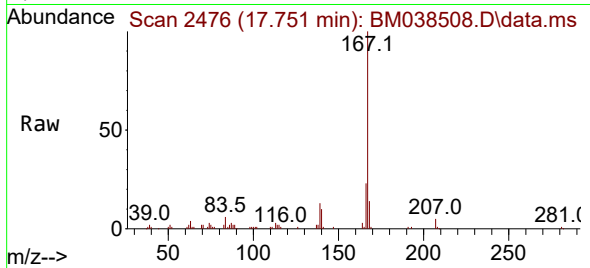




#73
 Carbazole
 Concen: 4.303 ng
 RT: 17.751 min Scan# 2477
 Delta R.T. -0.006 min
 Lab File: BM038508.D
 Acq: 23 Jan 2023 13:16

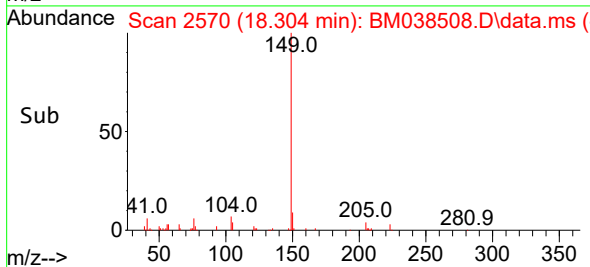
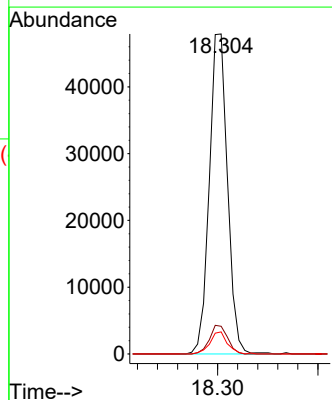
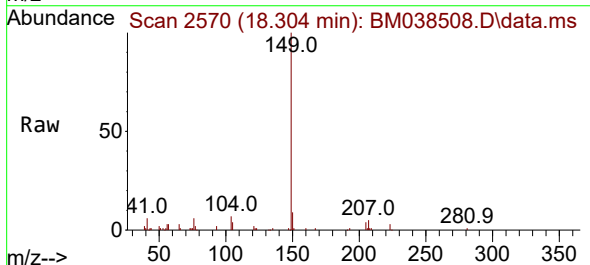
Instrument : BNA_M
 ClientSampleId : LOQ-WATER-02-QT4-2022

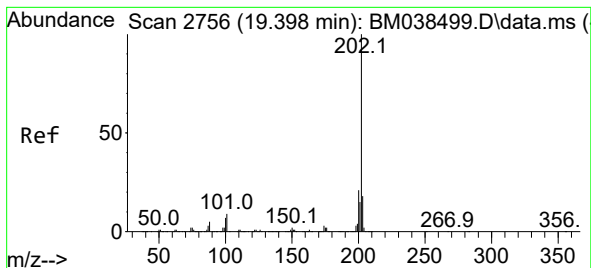
Tgt Ion:167 Resp: 59349
 Ion Ratio Lower Upper
 167 100
 166 22.8 17.7 26.5
 139 12.9 9.4 14.0



#74
 Di-n-butylphthalate
 Concen: 3.974 ng
 RT: 18.304 min Scan# 2570
 Delta R.T. 0.000 min
 Lab File: BM038508.D
 Acq: 23 Jan 2023 13:16

Tgt Ion:149 Resp: 60205
 Ion Ratio Lower Upper
 149 100
 150 8.6 7.4 11.0
 104 6.9 4.6 6.8#





#75

Fluoranthene

Concen: 4.422 ng

RT: 19.398 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM038508.D

Acq: 23 Jan 2023 13:16

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2022

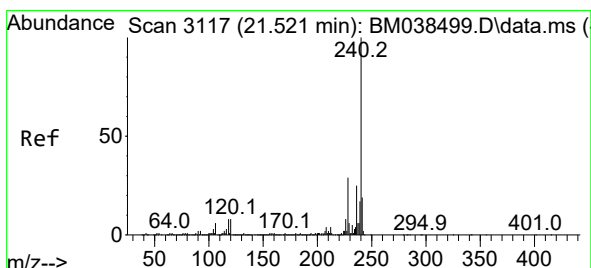
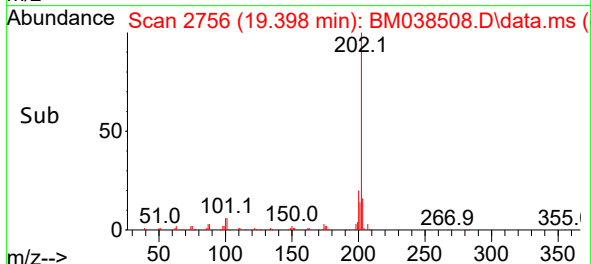
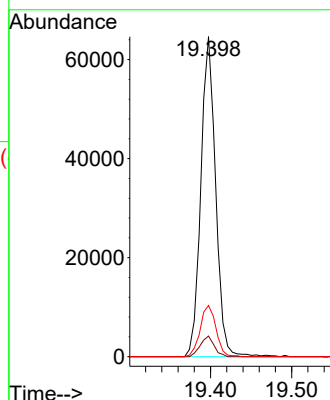
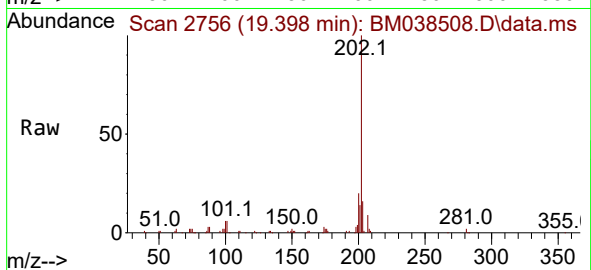
Tgt Ion:202 Resp: 81799

Ion Ratio Lower Upper

202 100

101 6.4 0.0 28.7

203 16.0 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.521 min Scan# 3117

Delta R.T. 0.000 min

Lab File: BM038508.D

Acq: 23 Jan 2023 13:16

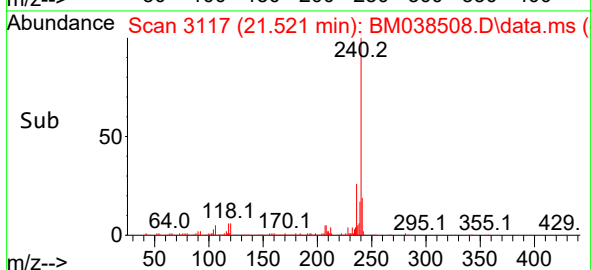
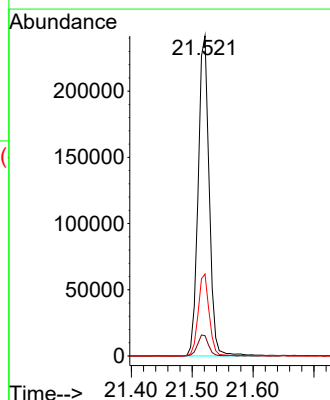
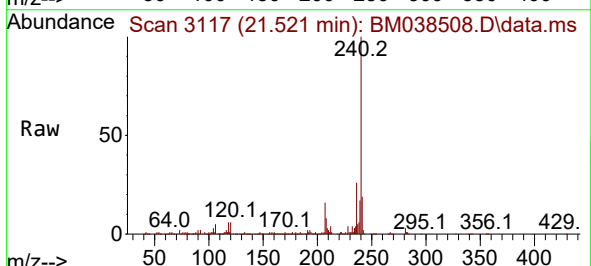
Tgt Ion:240 Resp: 304650

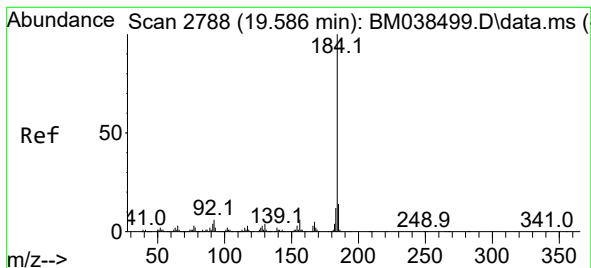
Ion Ratio Lower Upper

240 100

120 6.4 6.2 9.2

236 25.6 20.2 30.2





#77

Benzidine

Concen: 2.105 ng

RT: 19.592 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM038508.D

Acq: 23 Jan 2023 13:16

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2022

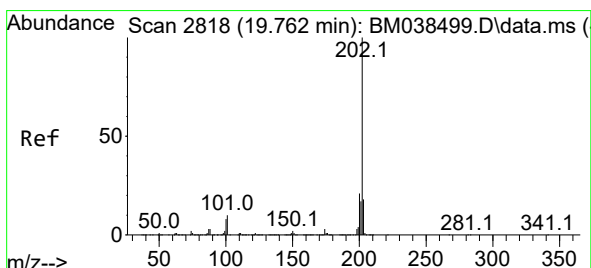
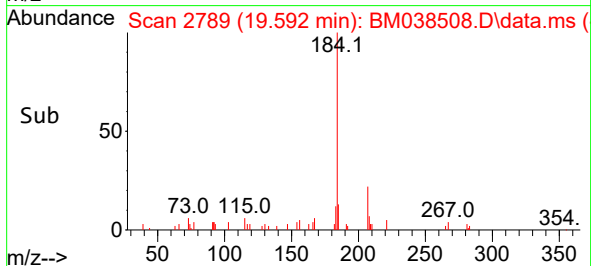
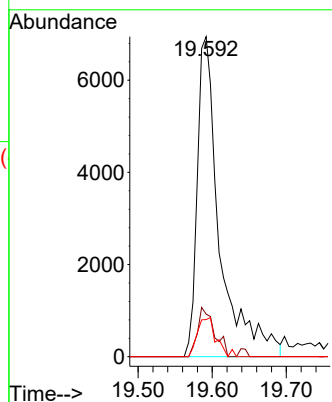
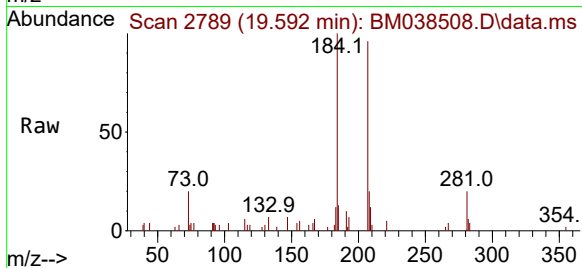
Tgt Ion:184 Resp: 14612

Ion Ratio Lower Upper

184 100

185 13.3 10.9 16.3

183 11.6 9.3 13.9



#78

Pyrene

Concen: 4.090 ng

RT: 19.762 min Scan# 2818

Delta R.T. 0.000 min

Lab File: BM038508.D

Acq: 23 Jan 2023 13:16

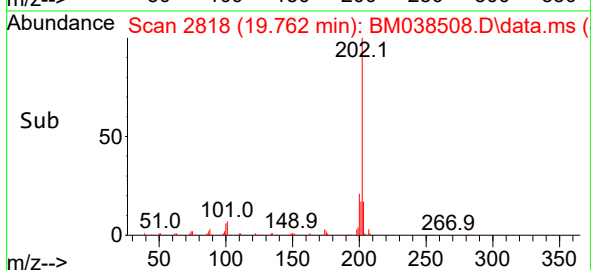
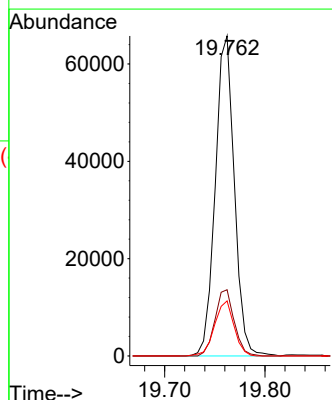
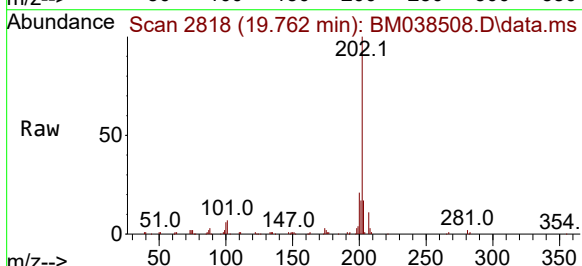
Tgt Ion:202 Resp: 86769

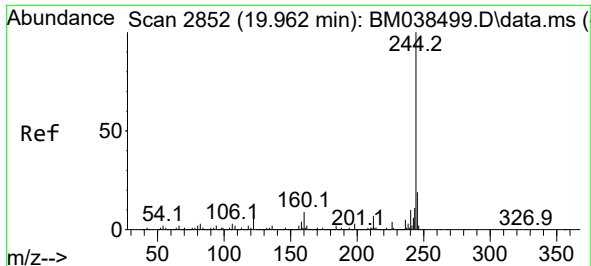
Ion Ratio Lower Upper

202 100

200 20.7 17.0 25.4

203 17.2 14.2 21.2

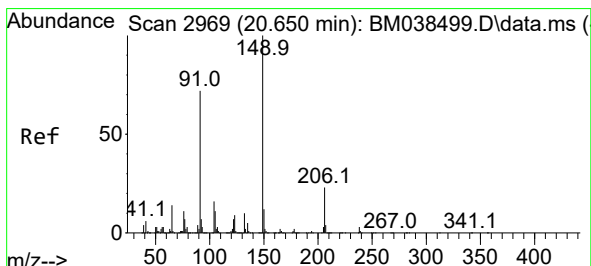
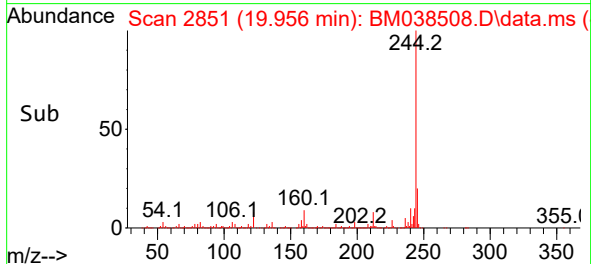
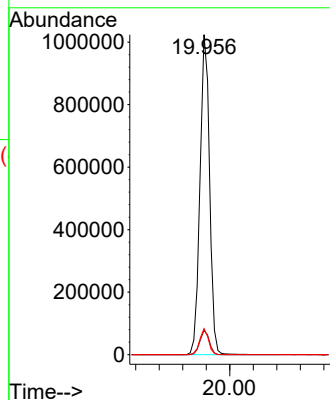
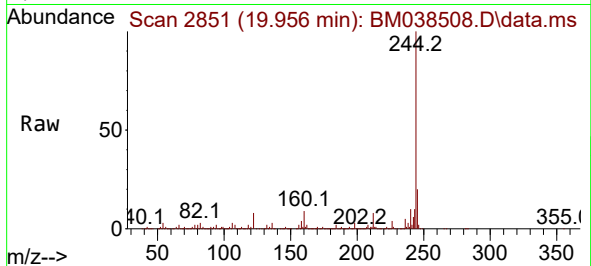




#79
 Terphenyl-d14
 Concen: 74.060 ng
 RT: 19.956 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM038508.D
 Acq: 23 Jan 2023 13:16

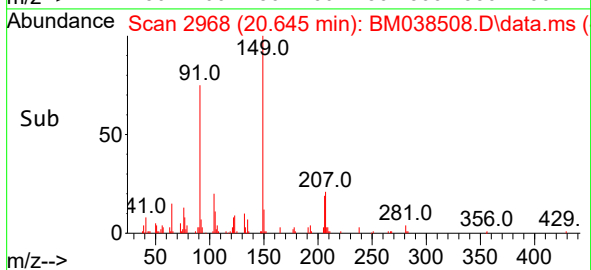
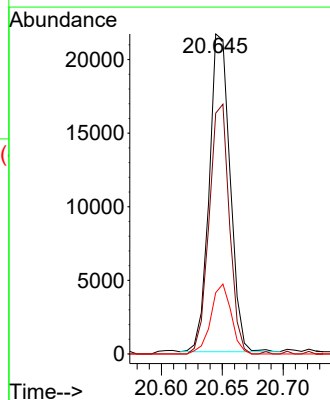
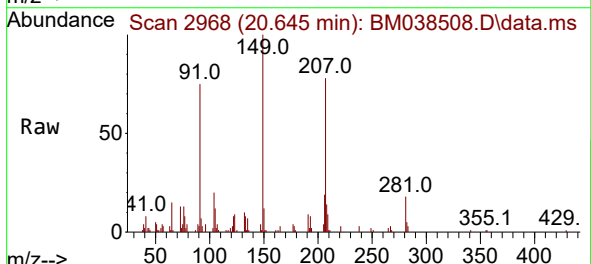
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT4-2022

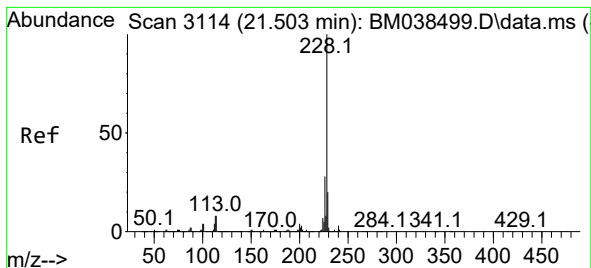
Tgt Ion:244 Resp: 1157339
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.0 9.0
 122 8.2 6.7 10.1



#80
 Butylbenzylphthalate
 Concen: 3.500 ng
 RT: 20.645 min Scan# 2968
 Delta R.T. -0.006 min
 Lab File: BM038508.D
 Acq: 23 Jan 2023 13:16

Tgt Ion:149 Resp: 25674
 Ion Ratio Lower Upper
 149 100
 91 75.3 57.5 86.3
 206 19.2 18.2 27.2





#81

Benzo(a)anthracene

Concen: 4.606 ng

RT: 21.503 min Scan# 3114

Delta R.T. 0.000 min

Lab File: BM038508.D

Acq: 23 Jan 2023 13:16

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2022

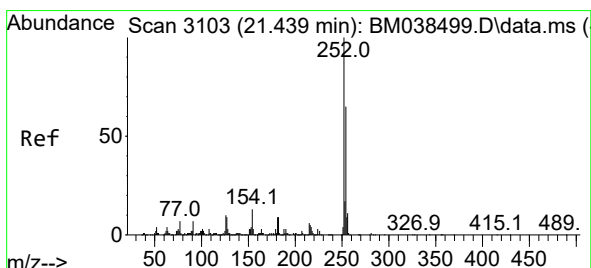
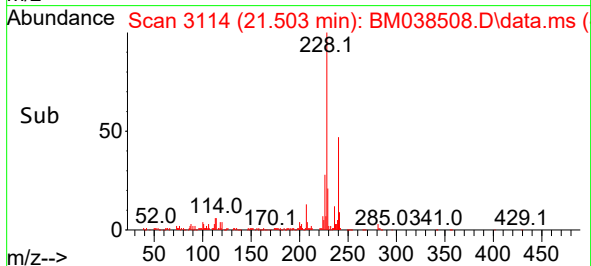
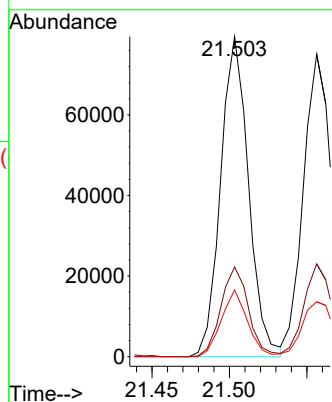
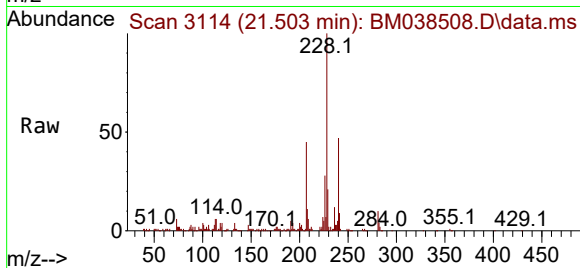
Tgt Ion:228 Resp: 99434

Ion Ratio Lower Upper

228 100

226 28.0 22.2 33.2

229 20.9 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 4.256 ng

RT: 21.439 min Scan# 3103

Delta R.T. 0.000 min

Lab File: BM038508.D

Acq: 23 Jan 2023 13:16

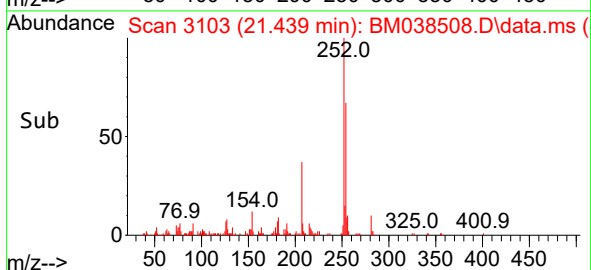
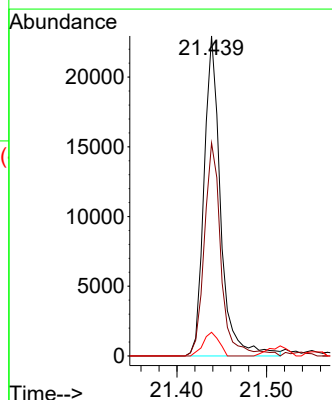
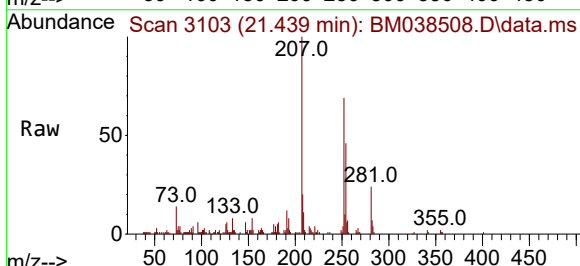
Tgt Ion:252 Resp: 29509

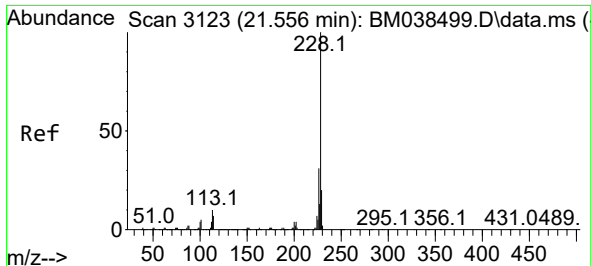
Ion Ratio Lower Upper

252 100

254 66.5 51.9 77.9

126 7.4 7.7 11.5#





#83

Chrysene

Concen: 4.542 ng

RT: 21.556 min Scan# 3123

Delta R.T. 0.000 min

Lab File: BM038508.D

Acq: 23 Jan 2023 13:16

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2022

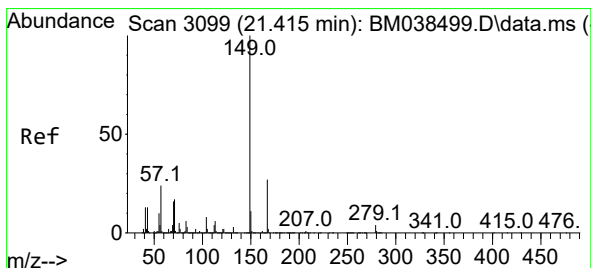
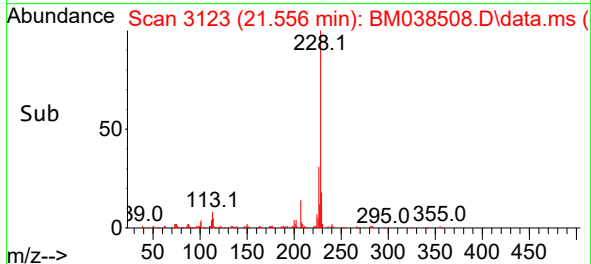
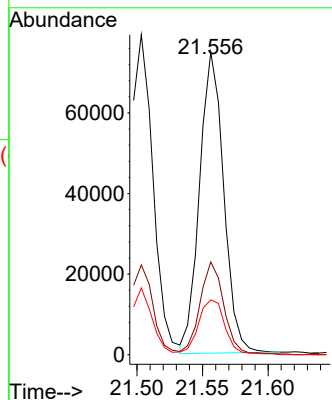
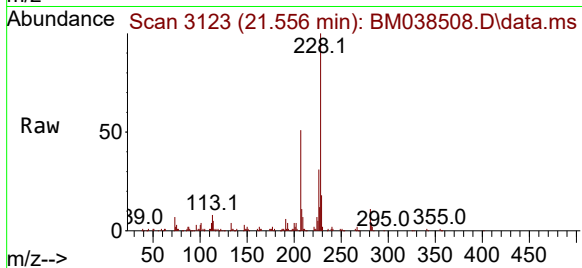
Tgt Ion:228 Resp: 95894

Ion Ratio Lower Upper

228 100

226 30.7 24.4 36.6

229 18.1 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.476 ng

RT: 21.415 min Scan# 3099

Delta R.T. 0.000 min

Lab File: BM038508.D

Acq: 23 Jan 2023 13:16

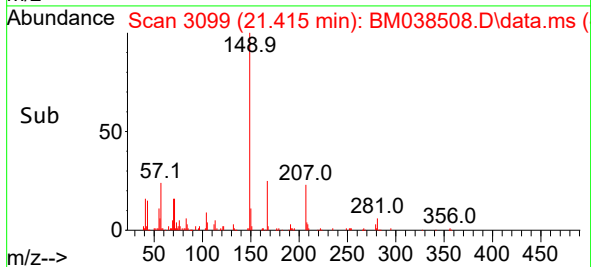
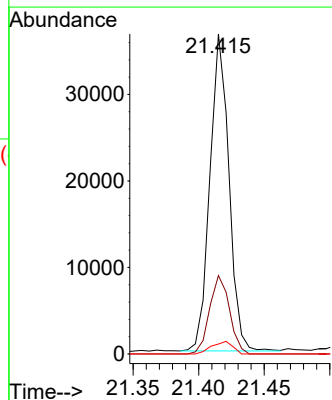
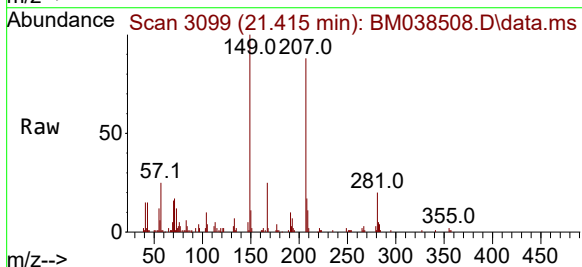
Tgt Ion:149 Resp: 36957

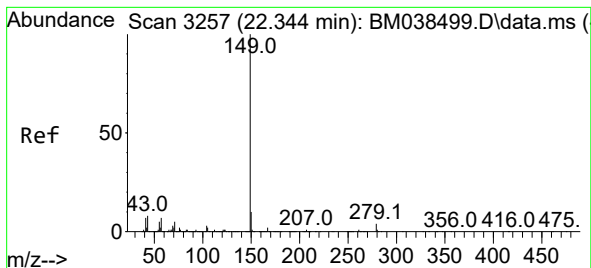
Ion Ratio Lower Upper

149 100

167 24.5 21.3 31.9

279 3.1 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 3.738 ng

RT: 22.344 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM038508.D

Acq: 23 Jan 2023 13:16

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2022

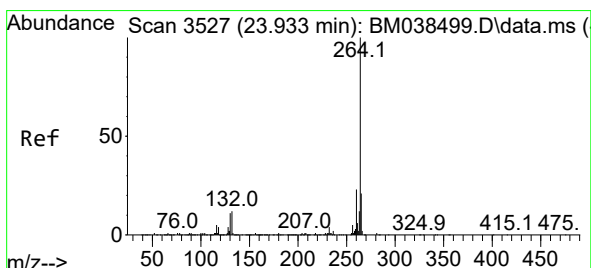
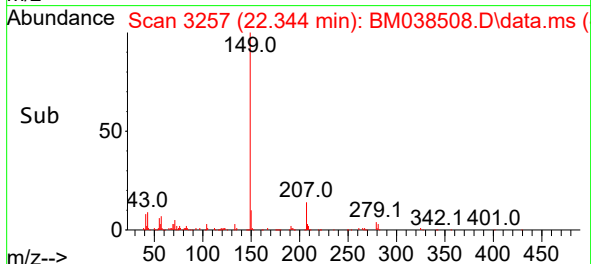
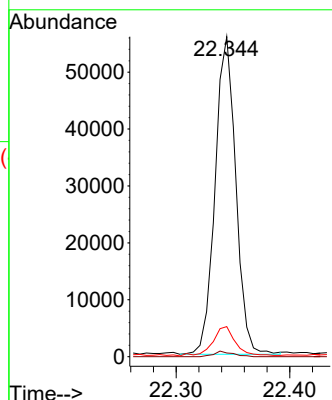
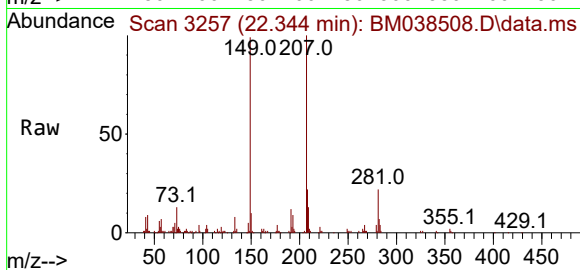
Tgt Ion:149 Resp: 70655

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 10.0 6.7 10.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.933 min Scan# 3527

Delta R.T. 0.000 min

Lab File: BM038508.D

Acq: 23 Jan 2023 13:16

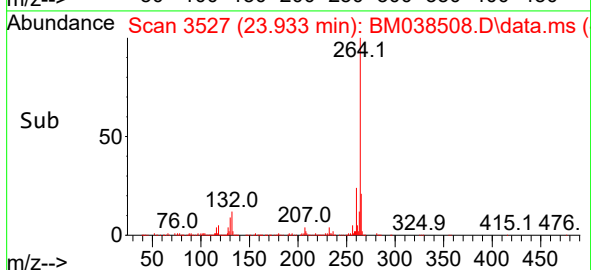
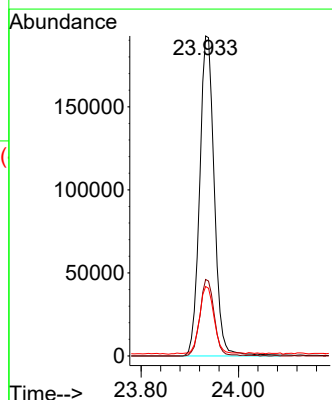
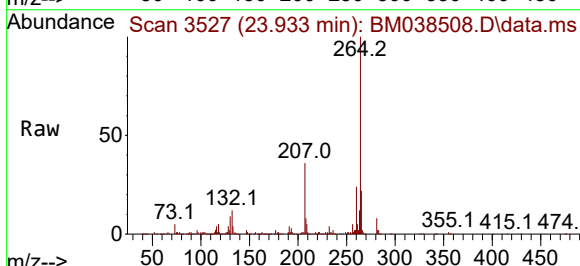
Tgt Ion:264 Resp: 401687

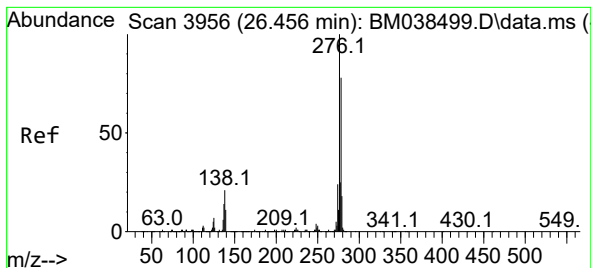
Ion Ratio Lower Upper

264 100

260 23.9 18.5 27.7

265 21.7 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.714 ng

RT: 26.444 min Scan# 3954

Delta R.T. -0.012 min

Lab File: BM038508.D

Acq: 23 Jan 2023 13:16

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2022

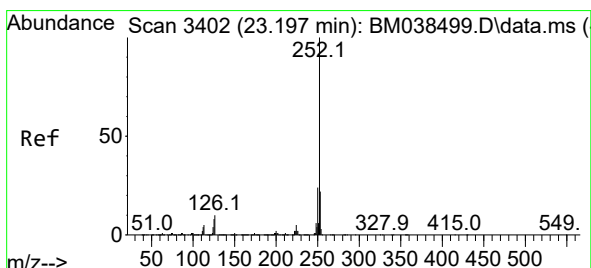
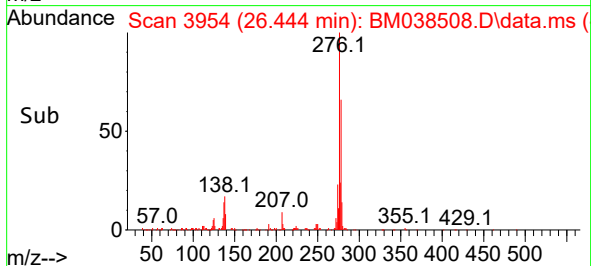
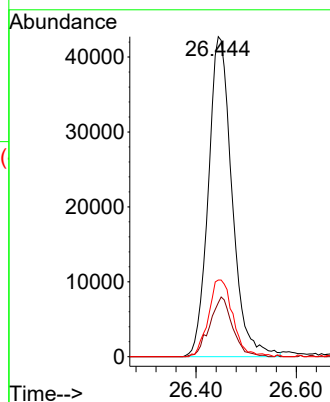
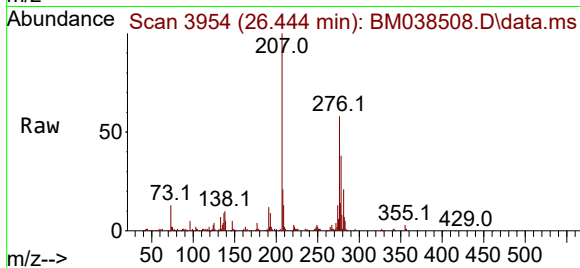
Tgt Ion:276 Resp: 140107

Ion Ratio Lower Upper

276 100

138 18.0 15.8 23.8

277 24.9 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 4.643 ng

RT: 23.197 min Scan# 3402

Delta R.T. 0.000 min

Lab File: BM038508.D

Acq: 23 Jan 2023 13:16

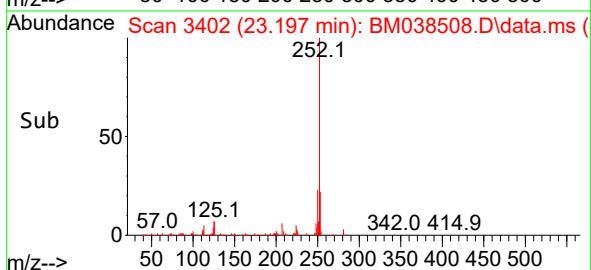
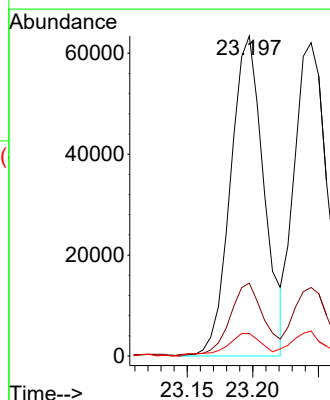
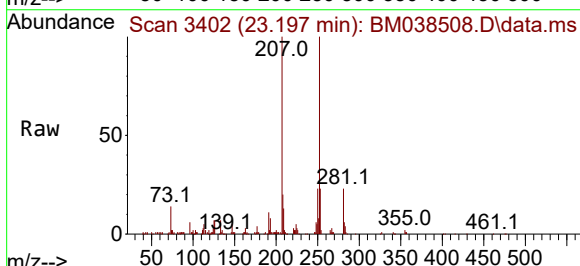
Tgt Ion:252 Resp: 112495

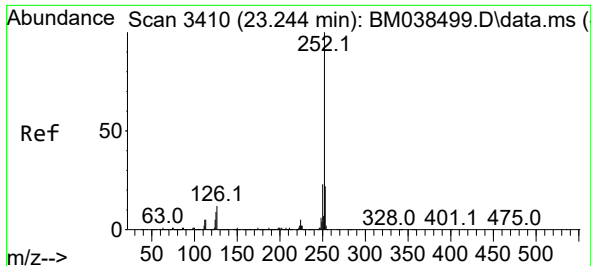
Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.0

125 7.0 6.4 9.6

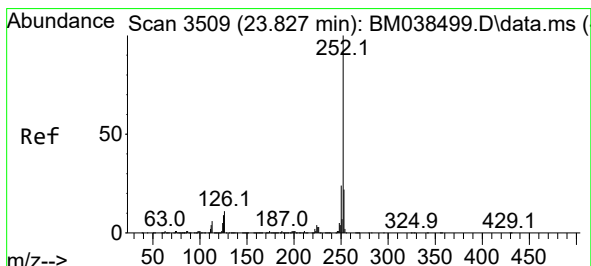
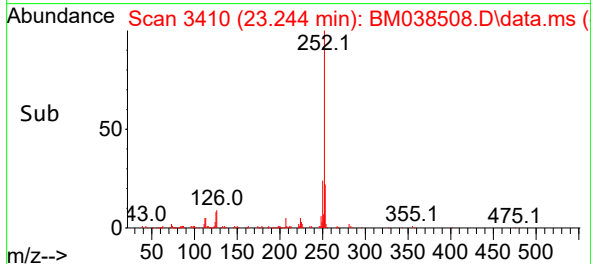
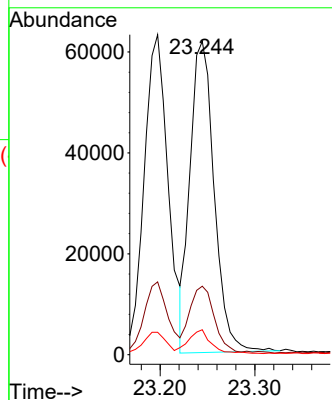
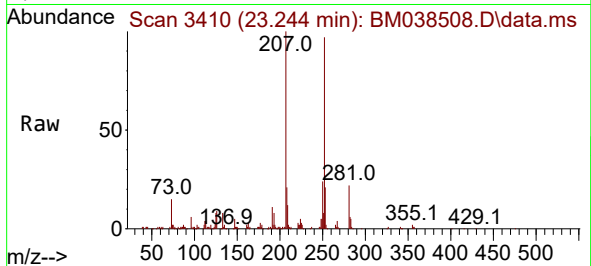




#89
Benzo(k)fluoranthene
Concen: 4.358 ng
RT: 23.244 min Scan# 3410
Delta R.T. 0.000 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

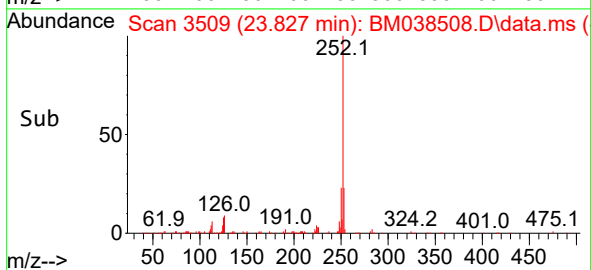
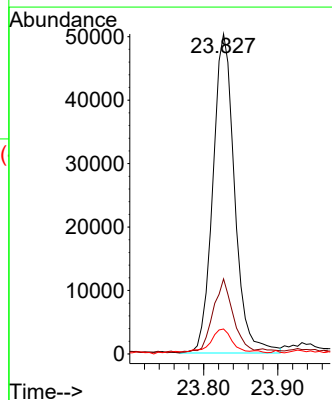
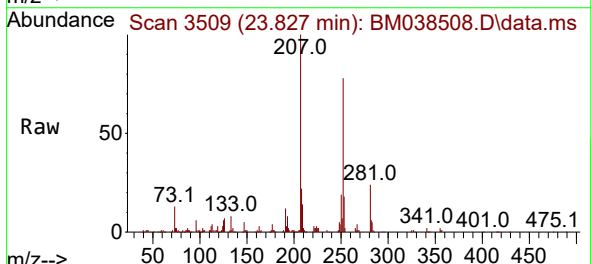
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022

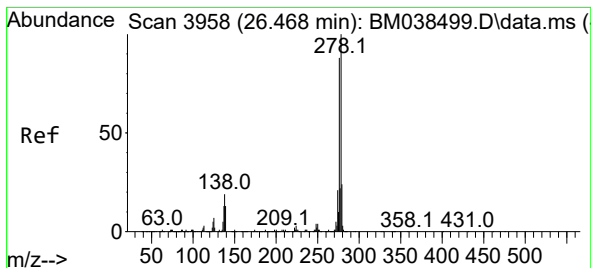
Tgt Ion:252 Resp: 109259
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 8.0 6.8 10.2



#90
Benzo(a)pyrene
Concen: 4.264 ng
RT: 23.827 min Scan# 3509
Delta R.T. 0.000 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

Tgt Ion:252 Resp: 102449
Ion Ratio Lower Upper
252 100
253 23.5 17.4 26.0
125 7.8 7.3 10.9





#91

Dibenzo(a,h)anthracene

Concen: 4.912 ng

RT: 26.462 min Scan# 3958

Delta R.T. -0.006 min

Lab File: BM038508.D

Acq: 23 Jan 2023 13:16

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2022

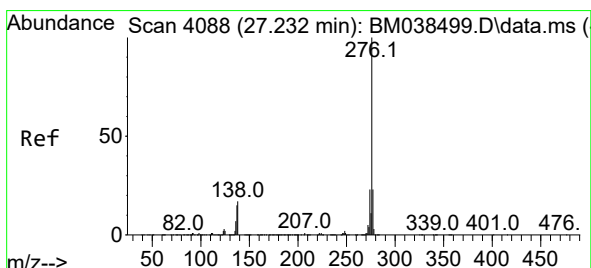
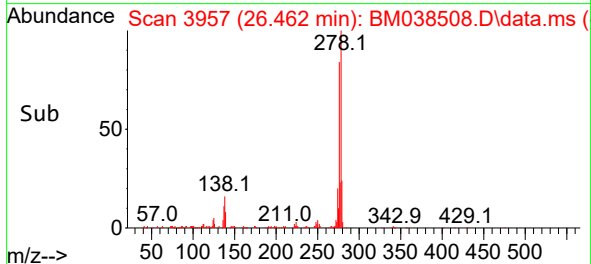
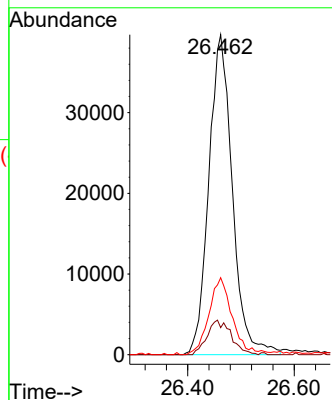
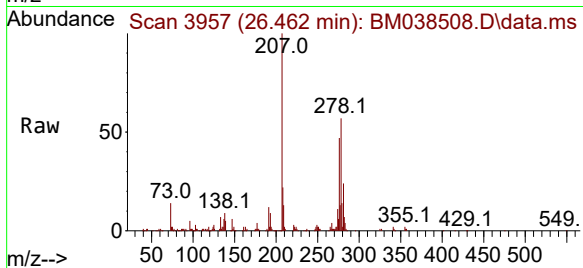
Tgt Ion:278 Resp: 121529

Ion Ratio Lower Upper

278 100

139 8.4 10.3 15.5#

279 24.1 19.3 28.9



#92

Benzo(g,h,i)perylene

Concen: 5.011 ng

RT: 27.226 min Scan# 4087

Delta R.T. -0.006 min

Lab File: BM038508.D

Acq: 23 Jan 2023 13:16

Tgt Ion:276 Resp: 126992

Ion Ratio Lower Upper

276 100

277 25.1 18.8 28.2

138 15.5 13.8 20.8

