

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020624\
 Data File : BM043991.D
 Acq On : 06 Feb 2024 14:39
 Operator : MA/JU
 Sample : 04699-08
 Misc : LOQ-WATER-5PPM
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT4-2023

Quant Time: Feb 07 03:07:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 07:03:31 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	286324	20.000	ng	0.00
21) Naphthalene-d8	10.722	136	1297531	20.000	ng	0.00
39) Acenaphthene-d10	14.562	164	818926	20.000	ng	0.00
64) Phenanthrene-d10	17.315	188	1811167	20.000	ng	0.00
76) Chrysene-d12	21.515	240	1858114	20.000	ng	0.00
86) Perylene-d12	23.927	264	2179546	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	2169336	111.885	ng	0.00
7) Phenol-d6	7.087	99	2955168	103.156	ng	0.00
23) Nitrobenzene-d5	9.092	82	2433016	90.390	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	972989	97.468	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	5466570	91.723	ng	0.00
79) Terphenyl-d14	19.956	244	9448135	98.158	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.399	88	43367	5.787	ng	98
3) Pyridine	3.798	79	103336	4.532	ng	97
4) n-Nitrosodimethylamine	3.722	42	45206	4.611	ng	# 97
6) Aniline	7.251	93	158100	5.547	ng	97
8) 2-Chlorophenol	7.481	128	97976	4.551	ng	98
9) Benzaldehyde	7.069	77	107288	3.807	ng	97
10) Phenol	7.110	94	140299	4.926	ng	92
11) bis(2-Chloroethyl)ether	7.357	93	113298	5.075	ng	99
12) 1,3-Dichlorobenzene	7.810	146	114175	4.912	ng	98
13) 1,4-Dichlorobenzene	7.957	146	120788	5.139	ng	98
14) 1,2-Dichlorobenzene	8.269	146	113808	4.910	ng	99
15) Benzyl Alcohol	8.169	79	98287	5.006	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.457	45	152182	5.083	ng	97
17) 2-Methylphenol	8.363	107	82675	4.541	ng	98
18) Hexachloroethane	8.992	117	44549	5.051	ng	91
19) n-Nitroso-di-n-propyla...	8.733	70	91005	4.828	ng	98
20) 3+4-Methylphenols	8.692	107	112955	4.395	ng	98
22) Acetophenone	8.751	105	181349	5.158	ng	# 97
24) Nitrobenzene	9.133	77	141586	5.243	ng	99
25) Isophorone	9.657	82	234514	4.680	ng	98
26) 2-Nitrophenol	9.839	139	43973	4.029	ng	95
27) 2,4-Dimethylphenol	9.904	122	74458	4.968	ng	98
28) bis(2-Chloroethoxy)met...	10.151	93	154479	5.048	ng	99
29) 2,4-Dichlorophenol	10.369	162	83384	4.362	ng	96
30) 1,2,4-Trichlorobenzene	10.586	180	105377	4.881	ng	100
31) Naphthalene	10.775	128	359438	4.970	ng	99
32) Benzoic acid	9.963	122	36762	8.604	ng	87
33) 4-Chloroaniline	10.892	127	147677	4.968	ng	97
34) Hexachlorobutadiene	11.051	225	56274	4.779	ng	99
35) Caprolactam	11.657	113	30111	3.841	ng	94
36) 4-Chloro-3-methylphenol	12.016	107	99511	4.251	ng	98
37) 2-Methylnaphthalene	12.386	142	240906	4.777	ng	98
38) 1-Methylnaphthalene	12.386	142	240906	4.785	ng	95
40) 1,2,4,5-Tetrachloroben...	12.751	216	119612	5.150	ng	99
41) Hexachlorocyclopentadiene	12.721	237	41550	5.439	ng	95
43) 2,4,6-Trichlorophenol	12.998	196	64450	4.106	ng	98

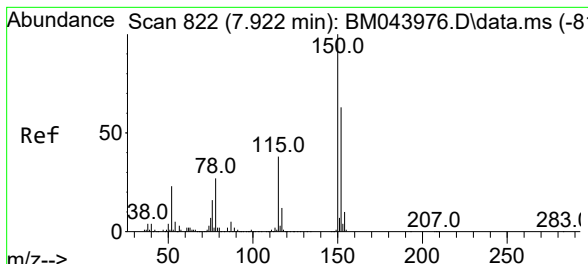
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 07:03:31 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.063	196	75105	4.194	ng	97
46) 1,1'-Biphenyl	13.404	154	324058	5.032	ng	99
47) 2-Chloronaphthalene	13.439	162	253100	4.928	ng	99
48) 2-Nitroaniline	13.651	65	69599	4.167	ng	93
49) Acenaphthylene	14.286	152	407240	5.187	ng	100
50) Dimethylphthalate	14.033	163	311233	4.893	ng	99
51) 2,6-Dinitrotoluene	14.151	165	59176	4.232	ng	93
52) Acenaphthene	14.627	154	240830	4.839	ng	99
53) 3-Nitroaniline	14.480	138	67245	4.143	ng	97
54) 2,4-Dinitrophenol	14.686	184	18973	9.405	ng	99
55) Dibenzofuran	14.962	168	396988	5.126	ng	99
56) 4-Nitrophenol	14.780	139	53016	3.737	ng	96
57) 2,4-Dinitrotoluene	14.933	165	73635	3.783	ng	94
58) Fluorene	15.615	166	316650	4.841	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.186	232	69166	4.480	ng	97
60) Diethylphthalate	15.398	149	307155	4.664	ng	99
61) 4-Chlorophenyl-phenyle...	15.615	204	147941	4.848	ng	99
62) 4-Nitroaniline	15.639	138	70726	3.985	ng	96
63) Azobenzene	15.909	77	313408	4.765	ng	99
65) 4,6-Dinitro-2-methylph...	15.692	198	28999	8.456	ng	89
66) n-Nitrosodiphenylamine	15.827	169	268221	4.972	ng	99
67) 4-Bromophenyl-phenylether	16.509	248	64430	3.611	ng	96
68) Hexachlorobenzene	16.604	284	101180	4.756	ng	98
69) Atrazine	16.786	200	81658	5.471	ng	97
70) Pentachlorophenol	16.956	266	48209	3.451	ng	96
71) Phenanthrene	17.356	178	524500	5.199	ng	99
72) Anthracene	17.451	178	483509	4.896	ng	99
73) Carbazole	17.727	167	478969	4.683	ng	100
74) Di-n-butylphthalate	18.303	149	486652	4.338	ng	99
75) Fluoranthene	19.380	202	580507	4.653	ng	98
77) Benzidine	19.574	184	204690	8.682	ng	98
78) Pyrene	19.739	202	618640	4.844	ng	98
80) Butylbenzylphthalate	20.662	149	208112	4.115	ng	96
81) Benzo(a)anthracene	21.497	228	655929	5.032	ng	100
82) 3,3'-Dichlorobenzidine	21.439	252	194995	4.678	ng	99
83) Chrysene	21.550	228	618344	4.951	ng	100
84) Bis(2-ethylhexyl)phtha...	21.450	149	317327	4.219	ng	98
85) Di-n-octyl phthalate	22.391	149	513646	3.964	ng	100
87) Indeno(1,2,3-cd)pyrene	26.421	276	748442	4.589	ng	100
88) Benzo(b)fluoranthene	23.191	252	650076	4.742	ng	99
89) Benzo(k)fluoranthene	23.238	252	620349	4.716	ng	99
90) Benzo(a)pyrene	23.815	252	552062	4.556	ng	99
91) Dibenzo(a,h)anthracene	26.450	278	619395	4.605	ng	99
92) Benzo(g,h,i)perylene	27.185	276	607769	4.430	ng	99

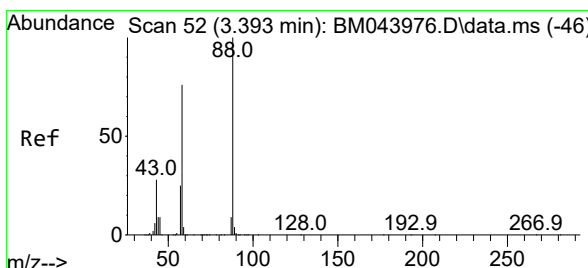
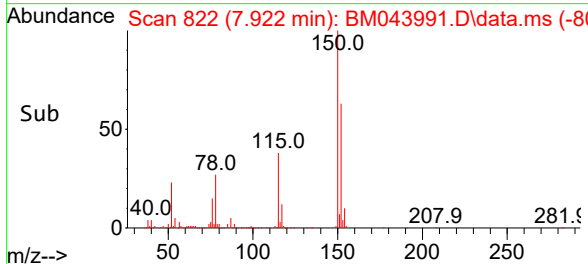
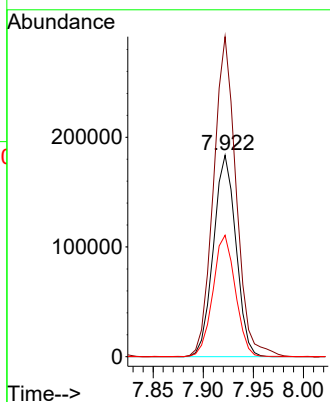
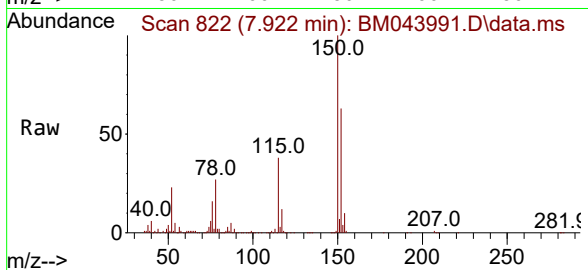
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.922 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BM043991.D
 Acq: 06 Feb 2024 14:39

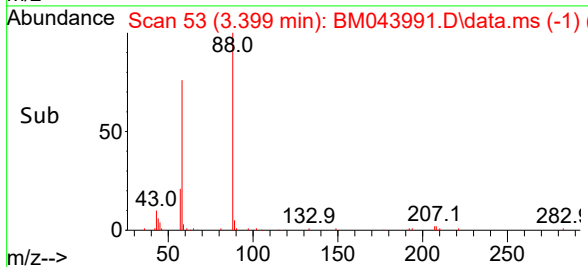
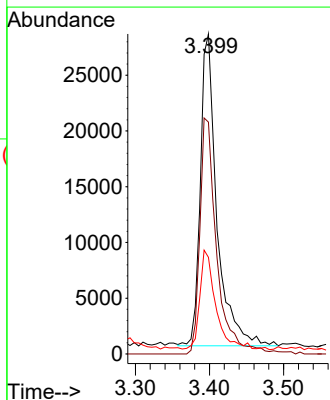
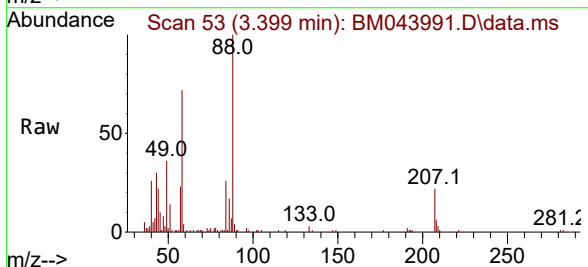
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT4-2023

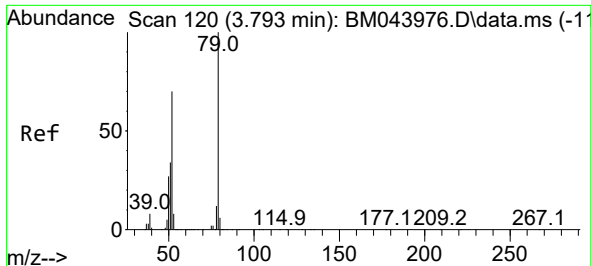
Tgt Ion:	152	Resp:	286324
Ion	Ratio	Lower	Upper
152	100		
150	158.9	126.1	189.1
115	60.3	48.2	72.2



#2
 1,4-Dioxane
 Concen: 5.787 ng
 RT: 3.399 min Scan# 53
 Delta R.T. 0.006 min
 Lab File: BM043991.D
 Acq: 06 Feb 2024 14:39

Tgt Ion:	88	Resp:	43367
Ion	Ratio	Lower	Upper
88	100		
58	77.9	61.0	91.6
43	30.1	23.0	34.6

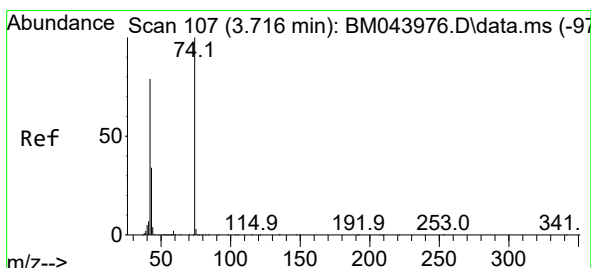
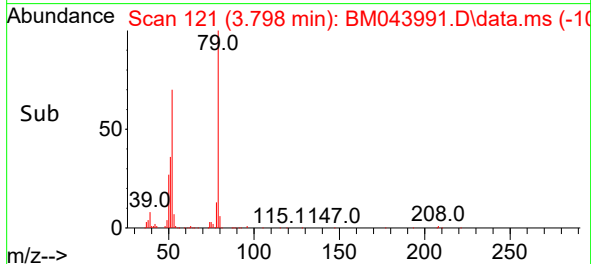
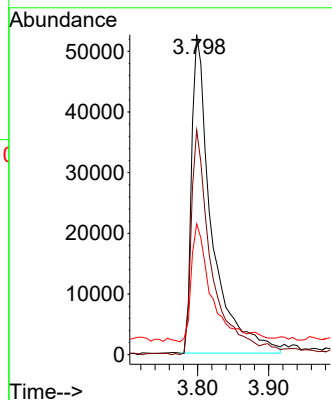
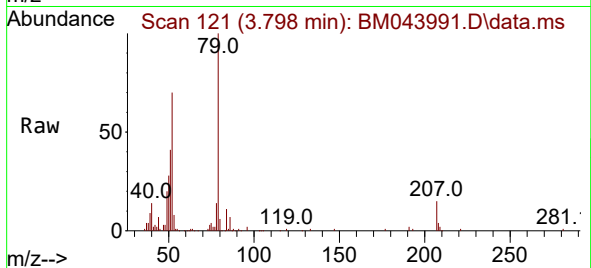




#3
Pyridine
Concen: 4.532 ng
RT: 3.798 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM043991.D
Acq: 06 Feb 2024 14:39

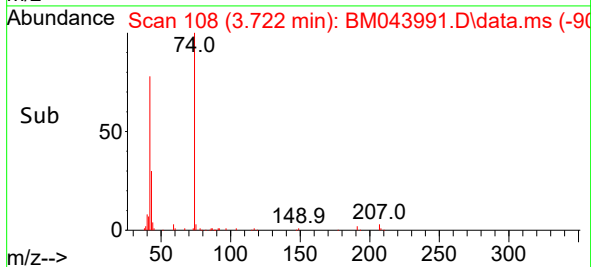
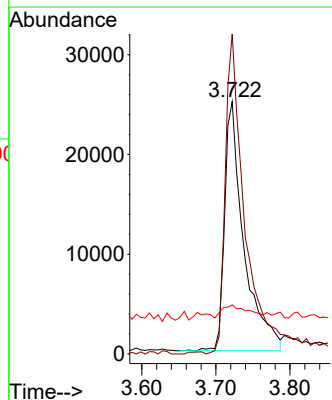
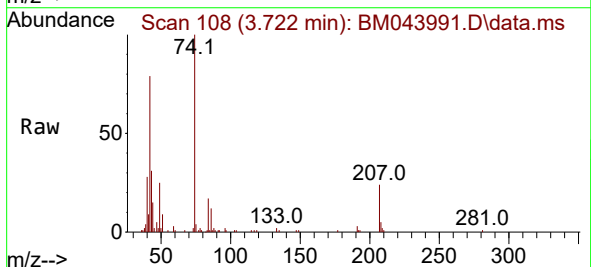
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2023

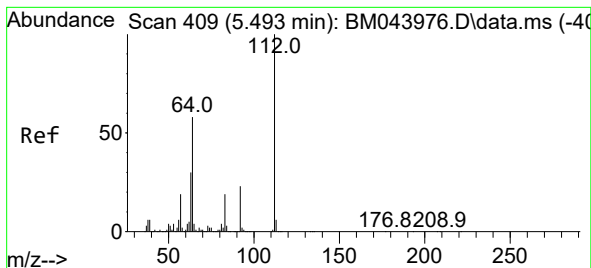
Tgt Ion: 79 Resp: 103336
Ion Ratio Lower Upper
79 100
52 70.2 55.9 83.9
51 40.9 28.2 42.2



#4
n-Nitrosodimethylamine
Concen: 4.611 ng
RT: 3.722 min Scan# 108
Delta R.T. 0.006 min
Lab File: BM043991.D
Acq: 06 Feb 2024 14:39

Tgt Ion: 42 Resp: 45206
Ion Ratio Lower Upper
42 100
74 126.9 100.7 151.1
44 19.5 7.3 10.9#

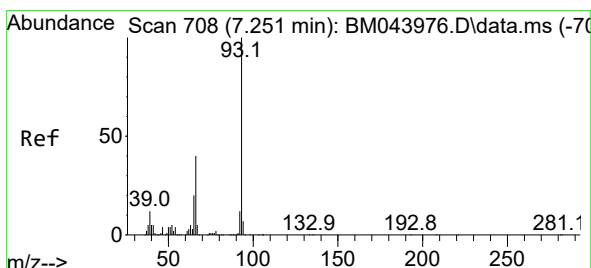
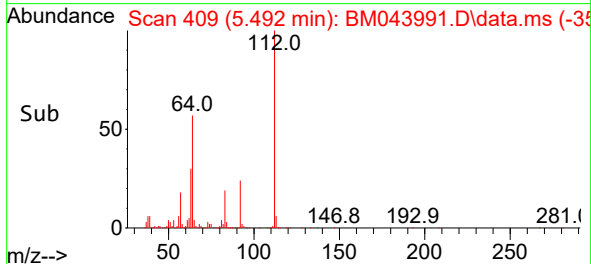
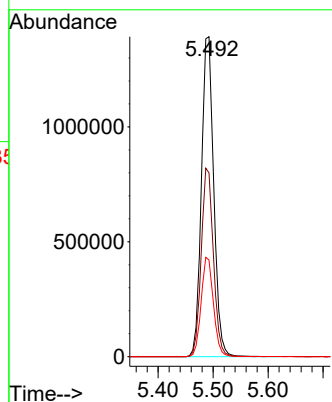
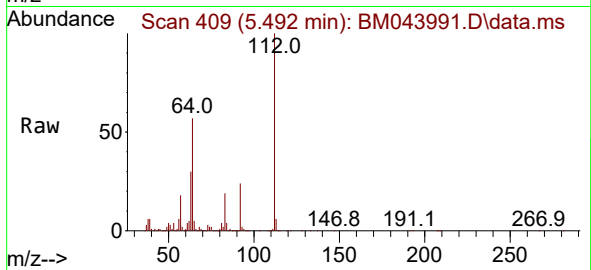




#5
2-Fluorophenol
Concen: 111.885 ng
RT: 5.492 min Scan# 409
Delta R.T. -0.001 min
Lab File: BM043991.D
Acq: 06 Feb 2024 14:39

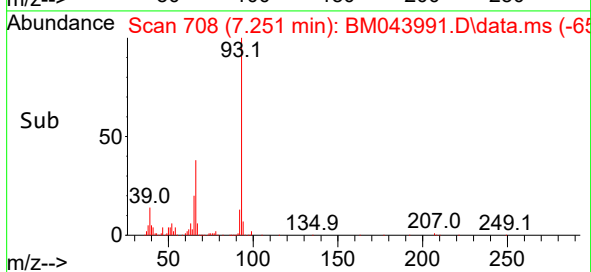
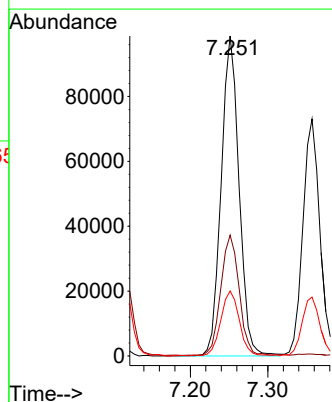
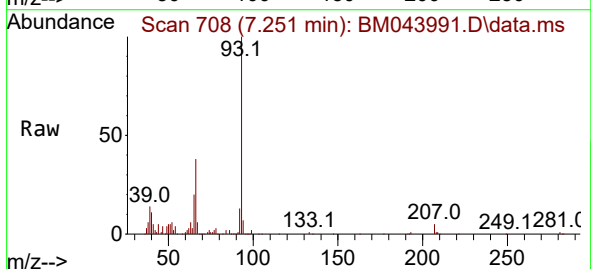
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2023

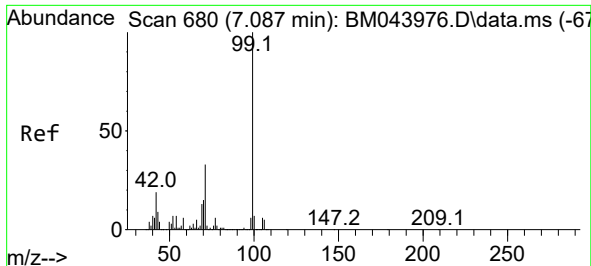
Tgt Ion:112 Resp: 2169336
Ion Ratio Lower Upper
112 100
64 57.4 46.6 70.0
63 30.2 24.2 36.4



#6
Aniline
Concen: 5.547 ng
RT: 7.251 min Scan# 708
Delta R.T. -0.000 min
Lab File: BM043991.D
Acq: 06 Feb 2024 14:39

Tgt Ion: 93 Resp: 158100
Ion Ratio Lower Upper
93 100
66 37.7 32.2 48.2
65 20.3 15.8 23.8



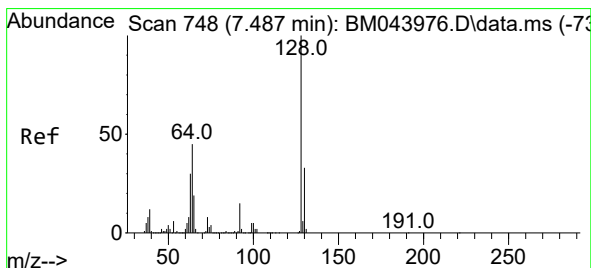
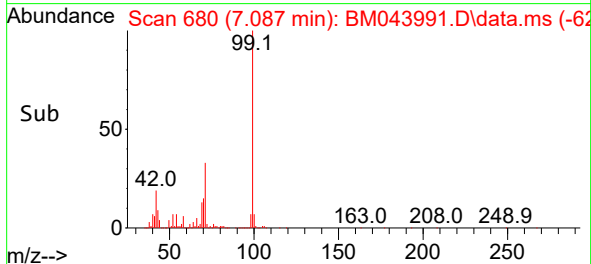
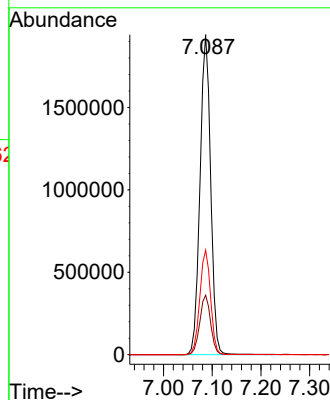
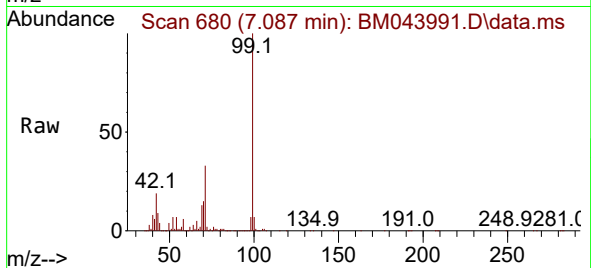


#7
Phenol-d6
Concen: 103.156 ng
RT: 7.087 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM043991.D
Acq: 06 Feb 2024 14:39

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2023

Tgt Ion: 99 Resp: 2955168

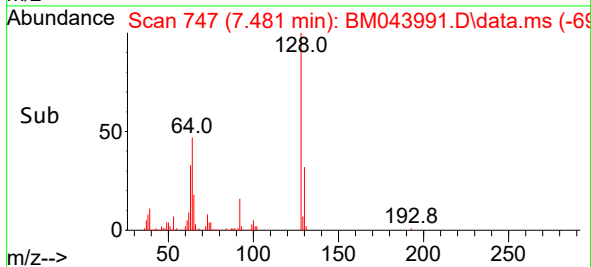
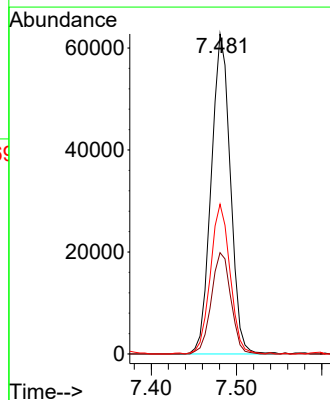
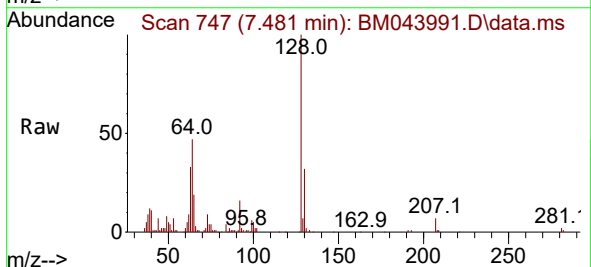
Ion	Ratio	Lower	Upper
99	100		
42	18.6	14.9	22.3
71	32.7	26.3	39.5

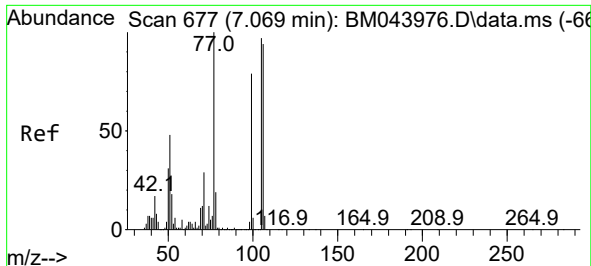


#8
2-Chlorophenol
Concen: 4.551 ng
RT: 7.481 min Scan# 747
Delta R.T. -0.006 min
Lab File: BM043991.D
Acq: 06 Feb 2024 14:39

Tgt Ion:128 Resp: 97976

Ion	Ratio	Lower	Upper
128	100		
130	31.7	12.9	52.9
64	46.8	25.6	65.6

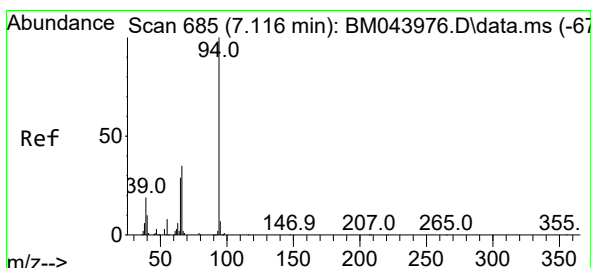
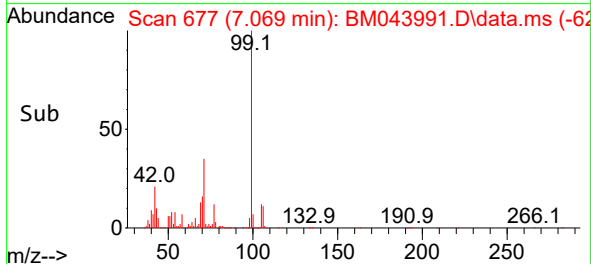
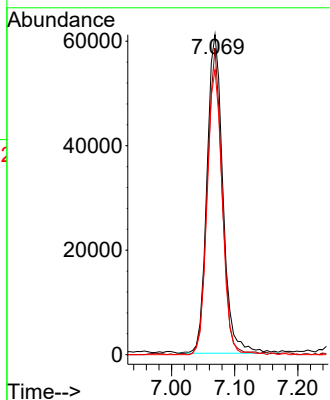
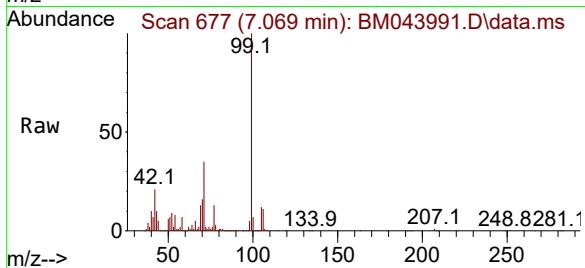




#9
Benzaldehyde
Concen: 3.807 ng
RT: 7.069 min Scan# 611
Delta R.T. -0.000 min
Lab File: BM043991.D
Acq: 06 Feb 2024 14:39

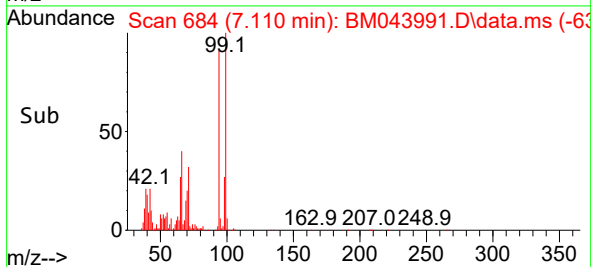
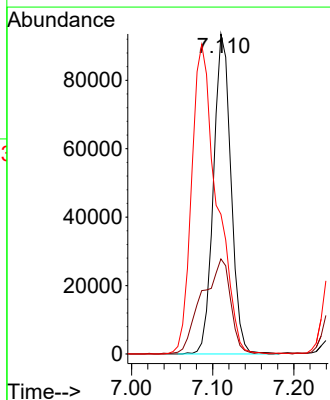
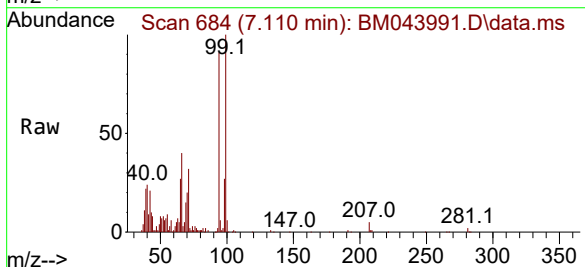
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2023

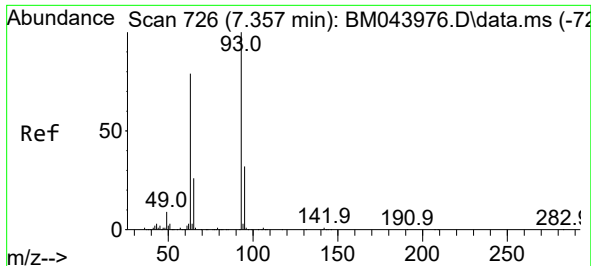
Tgt Ion: 77 Resp: 107288
Ion Ratio Lower Upper
77 100
105 95.8 77.4 117.4
106 89.1 73.5 113.5



#10
Phenol
Concen: 4.926 ng
RT: 7.110 min Scan# 684
Delta R.T. -0.006 min
Lab File: BM043991.D
Acq: 06 Feb 2024 14:39

Tgt Ion: 94 Resp: 140299
Ion Ratio Lower Upper
94 100
65 29.7 9.3 49.3
66 43.6 15.7 55.7

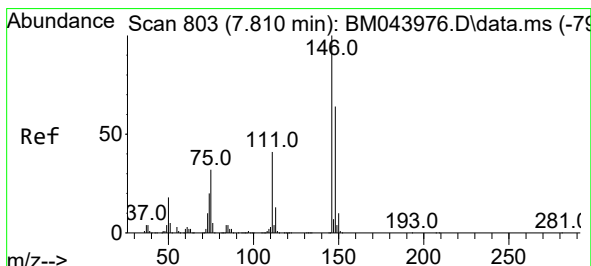
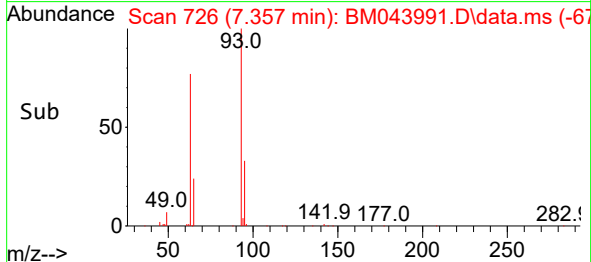
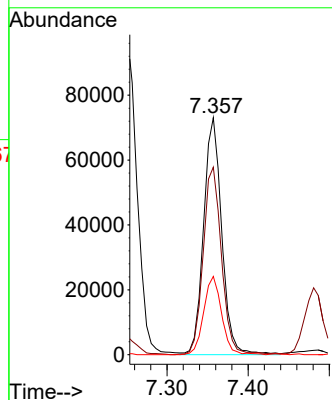
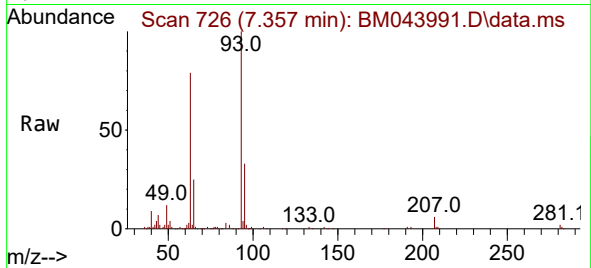




#11
bis(2-Chloroethyl)ether
Concen: 5.075 ng
RT: 7.357 min Scan# 726
Delta R.T. -0.000 min
Lab File: BM043991.D
Acq: 06 Feb 2024 14:39

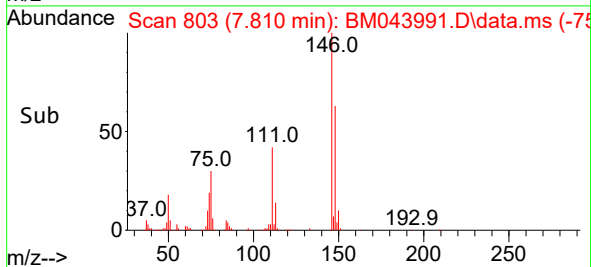
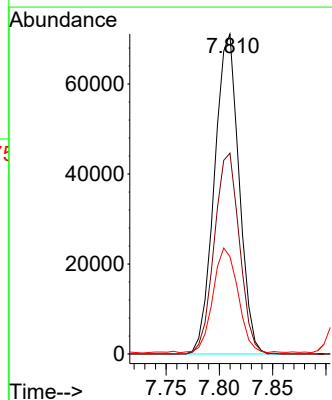
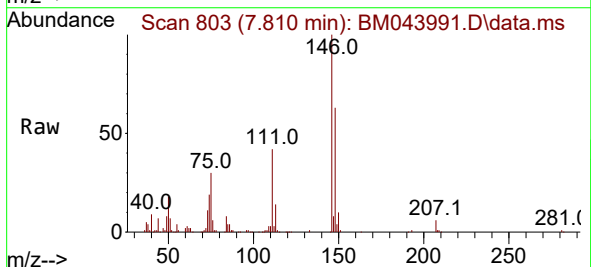
Instrument : BNA_M
ClientSampleId : LOQ-WATER-02-QT4-2023

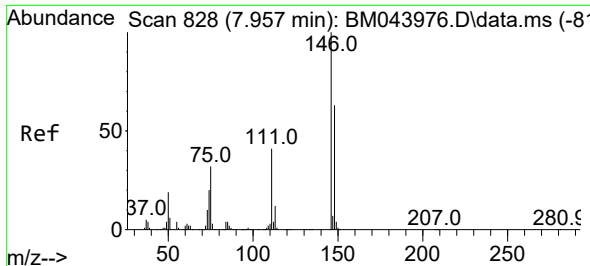
Tgt Ion: 93 Resp: 113298
Ion Ratio Lower Upper
93 100
63 79.1 59.0 99.0
95 33.0 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 4.912 ng
RT: 7.810 min Scan# 803
Delta R.T. -0.000 min
Lab File: BM043991.D
Acq: 06 Feb 2024 14:39

Tgt Ion:146 Resp: 114175
Ion Ratio Lower Upper
146 100
148 62.7 51.0 76.6
75 30.4 26.1 39.1

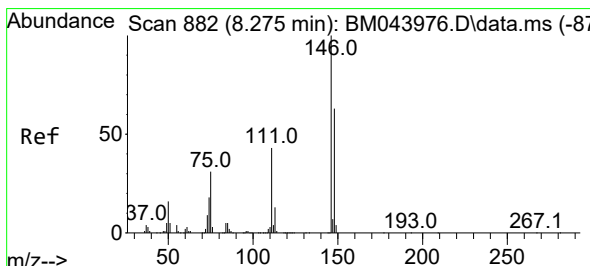
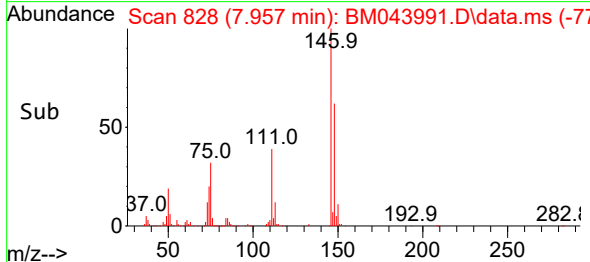
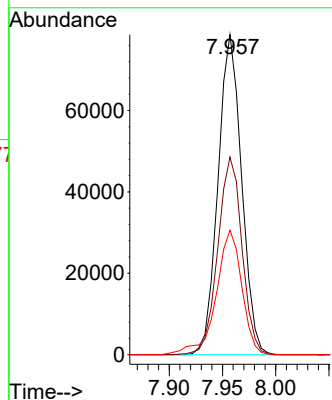
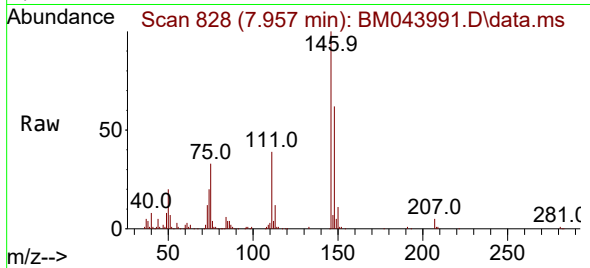




#13
1,4-Dichlorobenzene
Concen: 5.139 ng
RT: 7.957 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM043991.D
Acq: 06 Feb 2024 14:39

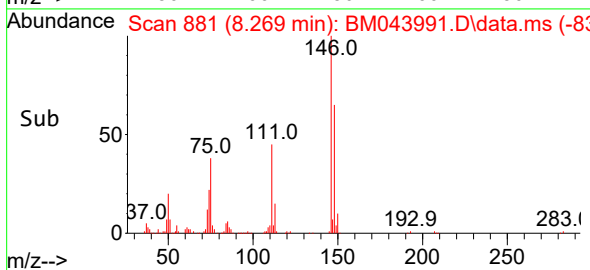
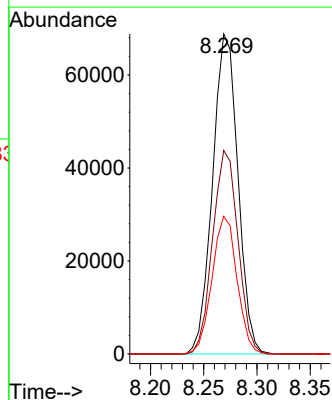
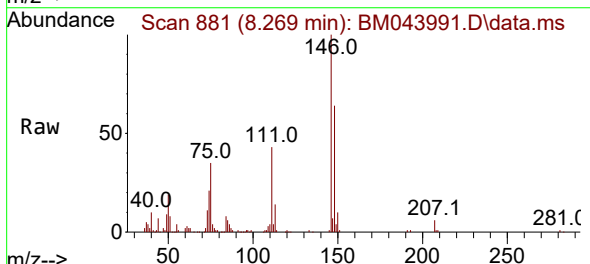
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2023

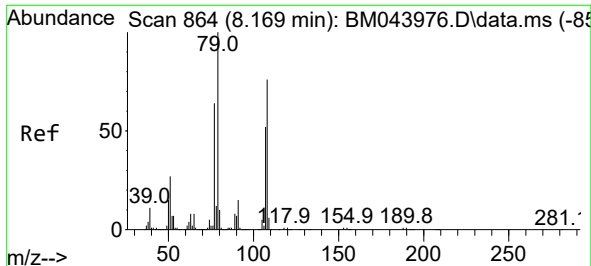
Tgt Ion:146 Resp: 120788
Ion Ratio Lower Upper
146 100
148 61.7 50.7 76.1
111 38.9 32.6 49.0



#14
1,2-Dichlorobenzene
Concen: 4.910 ng
RT: 8.269 min Scan# 881
Delta R.T. -0.006 min
Lab File: BM043991.D
Acq: 06 Feb 2024 14:39

Tgt Ion:146 Resp: 113808
Ion Ratio Lower Upper
146 100
148 63.6 50.3 75.5
111 43.0 34.3 51.5

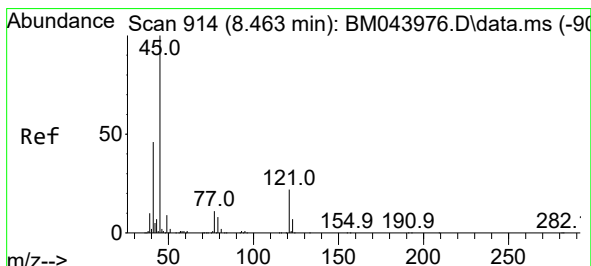
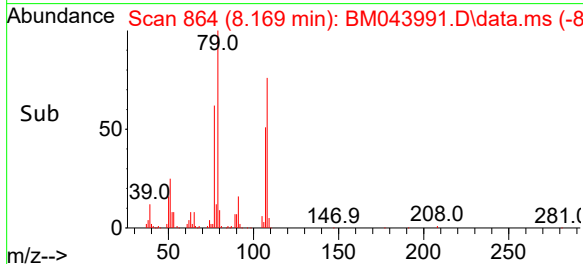
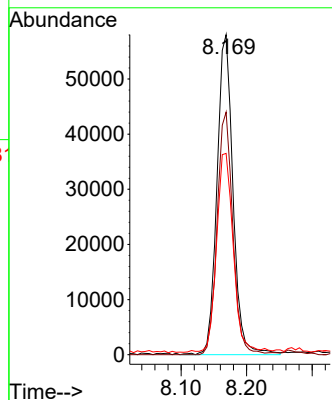
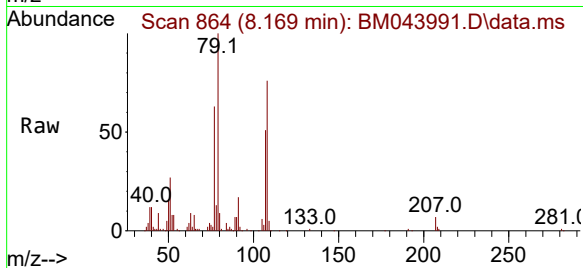




#15
Benzyl Alcohol
Concen: 5.006 ng
RT: 8.169 min Scan# 864
Delta R.T. -0.000 min
Lab File: BM043991.D
Acq: 06 Feb 2024 14:39

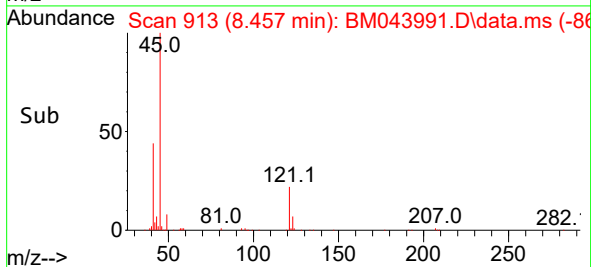
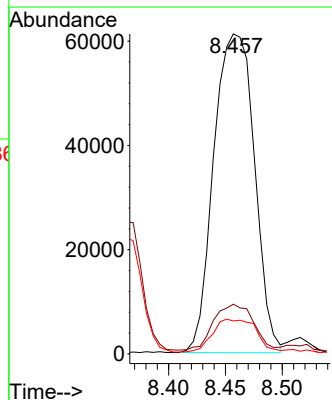
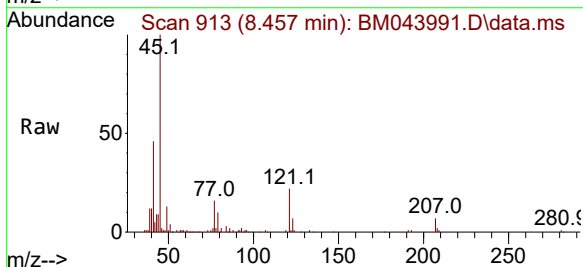
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2023

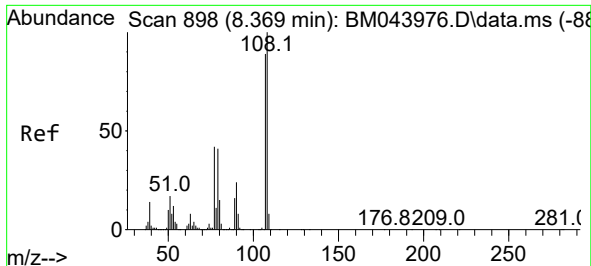
Tgt Ion: 79 Resp: 98287
Ion Ratio Lower Upper
79 100
108 75.8 60.7 91.1
77 62.9 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.083 ng
RT: 8.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BM043991.D
Acq: 06 Feb 2024 14:39

Tgt Ion: 45 Resp: 152182
Ion Ratio Lower Upper
45 100
77 15.6 0.0 34.4
79 10.3 0.0 31.2

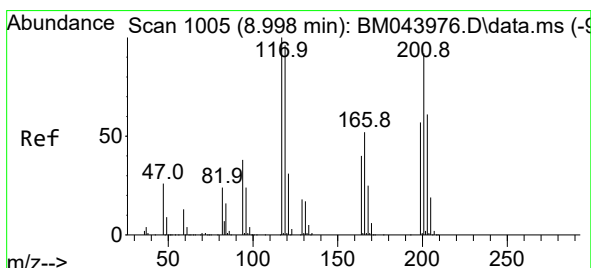
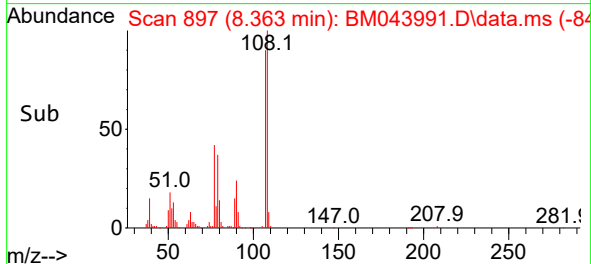
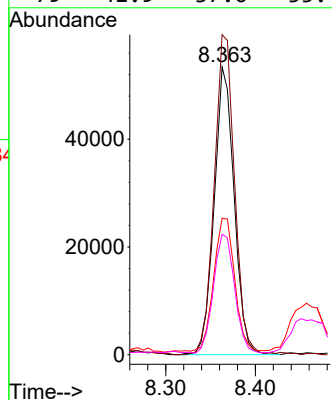
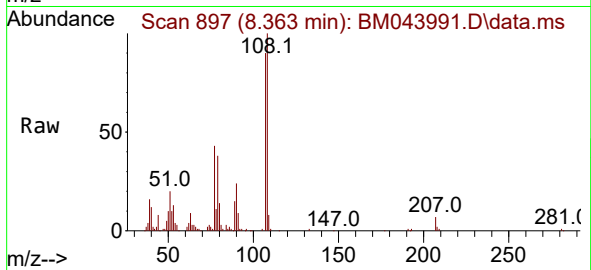




#17
2-Methylphenol
Concen: 4.541 ng
RT: 8.363 min Scan# 897
Delta R.T. -0.006 min
Lab File: BM043991.D
Acq: 06 Feb 2024 14:39

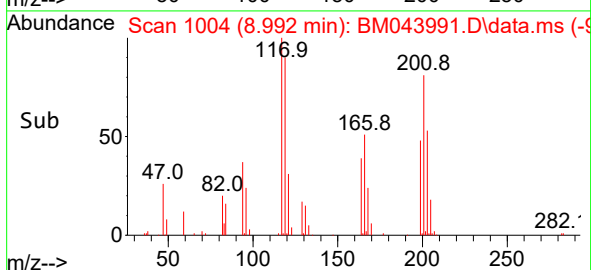
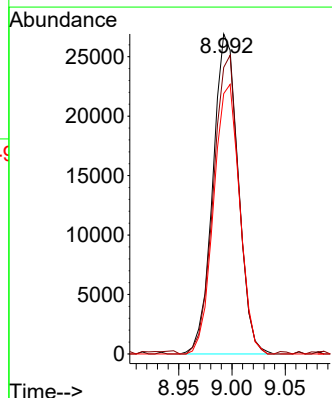
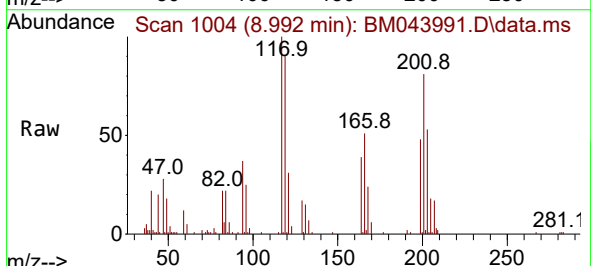
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2023

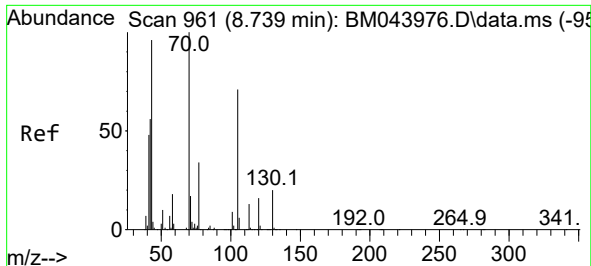
Tgt Ion:	107	Resp:	82675
Ion	Ratio	Lower	Upper
107	100		
108	111.3	90.4	135.6
77	47.4	38.0	57.0
79	41.9	37.0	55.4



#18
Hexachloroethane
Concen: 5.051 ng
RT: 8.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BM043991.D
Acq: 06 Feb 2024 14:39

Tgt Ion:	117	Resp:	44549
Ion	Ratio	Lower	Upper
117	100		
119	89.5	76.7	115.1
201	81.4	73.4	110.2

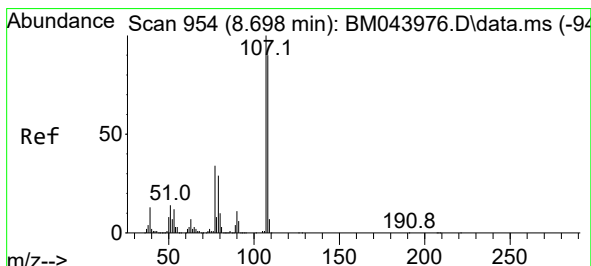
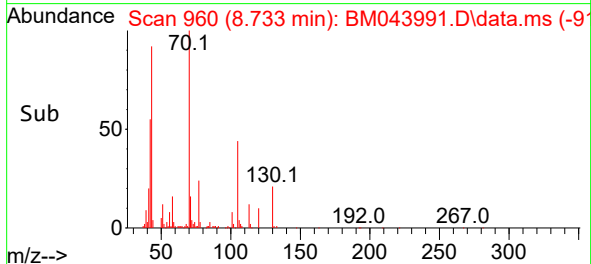
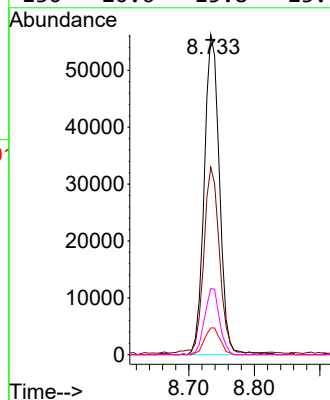
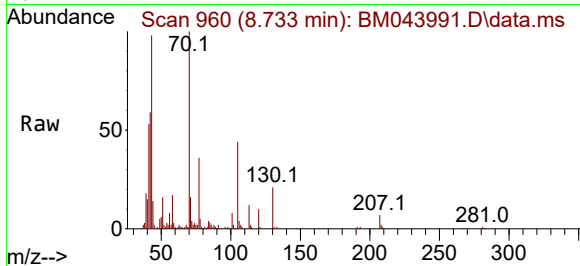




#19
n-Nitroso-di-n-propylamine
Concen: 4.828 ng
RT: 8.733 min Scan# 910
Delta R.T. -0.006 min
Lab File: BM043991.D
Acq: 06 Feb 2024 14:39

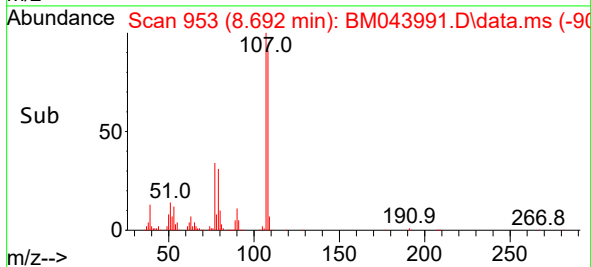
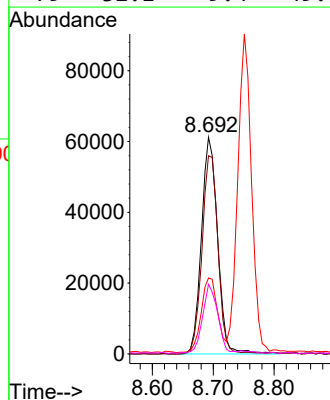
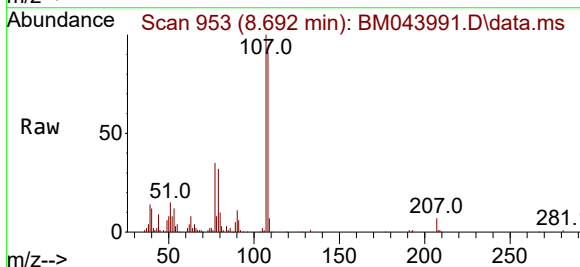
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2023

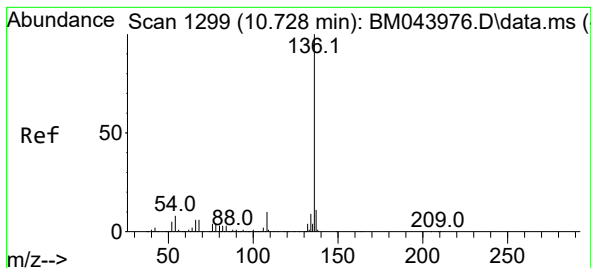
Tgt Ion: 70 Resp: 91005
Ion Ratio Lower Upper
70 100
42 58.6 45.6 68.4
101 8.4 7.5 11.3
130 20.6 15.8 23.6



#20
3+4-Methylphenols
Concen: 4.395 ng
RT: 8.692 min Scan# 953
Delta R.T. -0.006 min
Lab File: BM043991.D
Acq: 06 Feb 2024 14:39

Tgt Ion: 107 Resp: 112955
Ion Ratio Lower Upper
107 100
108 91.5 70.3 110.3
77 35.0 14.0 54.0
79 32.1 9.4 49.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.722 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM043991.D

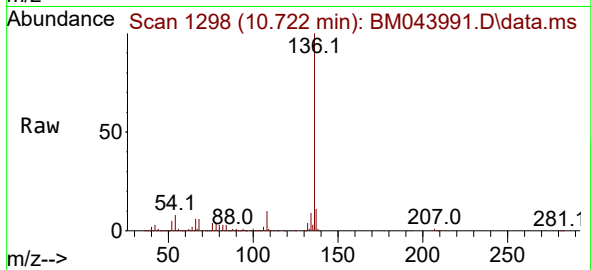
Acq: 06 Feb 2024 14:39

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2023



Tgt Ion:136 Resp: 1297531

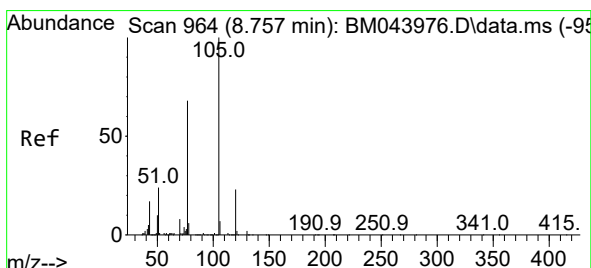
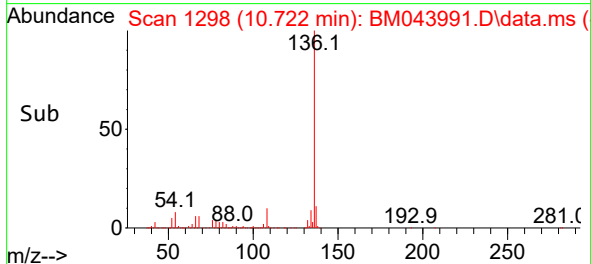
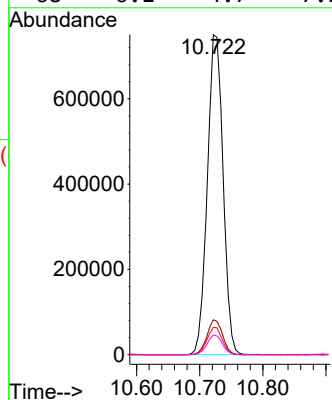
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 8.5 6.5 9.7

68 6.1 4.7 7.1



#22

Acetophenone

Concen: 5.158 ng

RT: 8.751 min Scan# 963

Delta R.T. -0.006 min

Lab File: BM043991.D

Acq: 06 Feb 2024 14:39

Tgt Ion:105 Resp: 181349

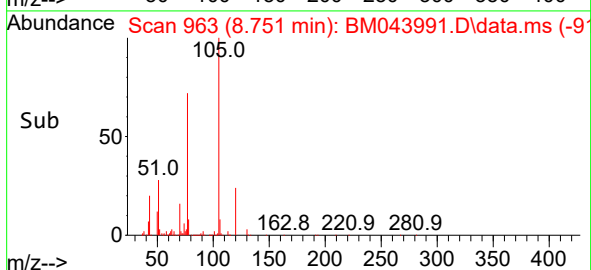
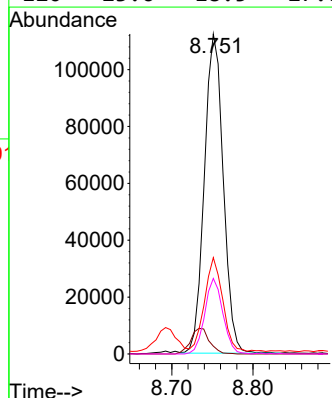
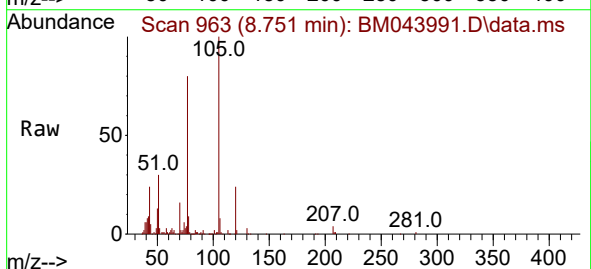
Ion Ratio Lower Upper

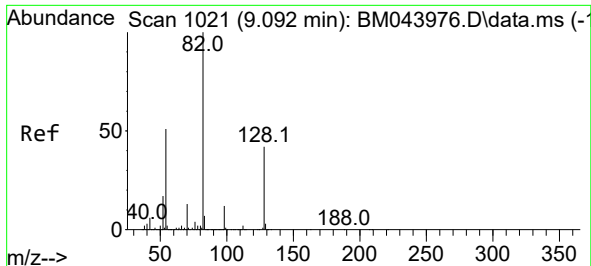
105 100

71 2.4 1.6 2.4#

51 30.1 21.8 32.6

120 23.6 18.5 27.7

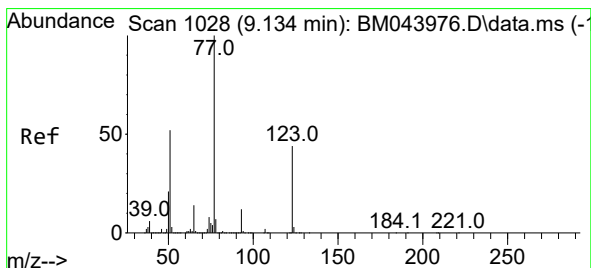
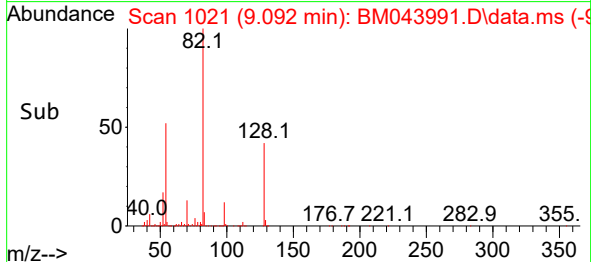
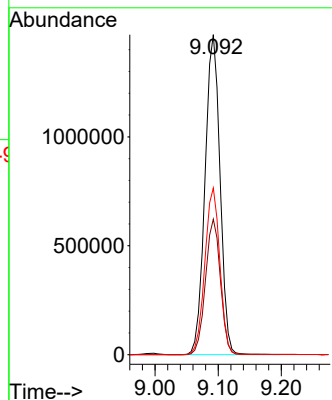
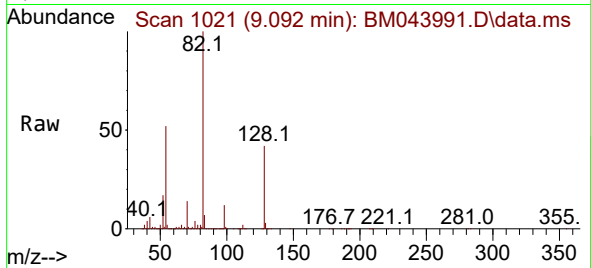




#23
Nitrobenzene-d5
Concen: 90.390 ng
RT: 9.092 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BM043991.D
Acq: 06 Feb 2024 14:39

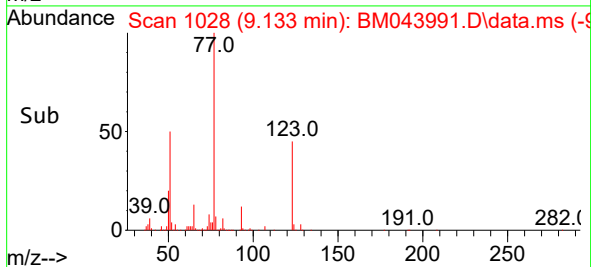
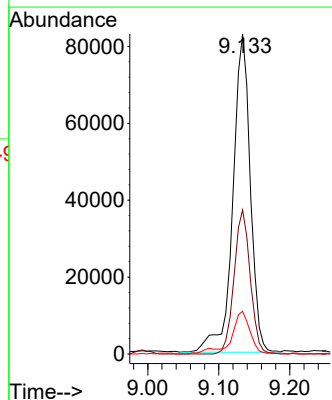
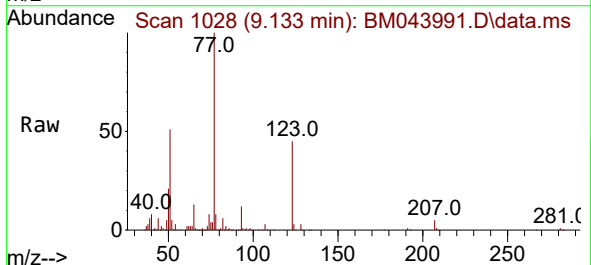
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2023

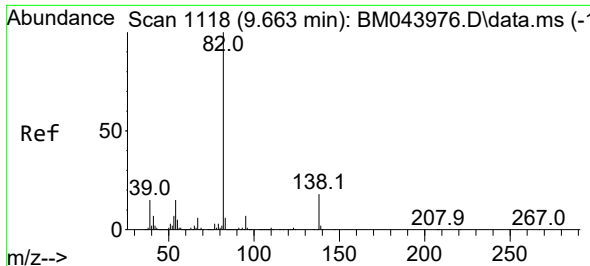
Tgt Ion: 82 Resp: 2433016
Ion Ratio Lower Upper
82 100
128 42.3 33.9 50.9
54 52.1 41.1 61.7



#24
Nitrobenzene
Concen: 5.243 ng
RT: 9.133 min Scan# 1028
Delta R.T. -0.000 min
Lab File: BM043991.D
Acq: 06 Feb 2024 14:39

Tgt Ion: 77 Resp: 141586
Ion Ratio Lower Upper
77 100
123 45.0 35.3 52.9
65 13.3 10.9 16.3





#25

Isophorone

Concen: 4.680 ng

RT: 9.657 min Scan# 1117

Delta R.T. -0.006 min

Lab File: BM043991.D

Acq: 06 Feb 2024 14:39

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2023

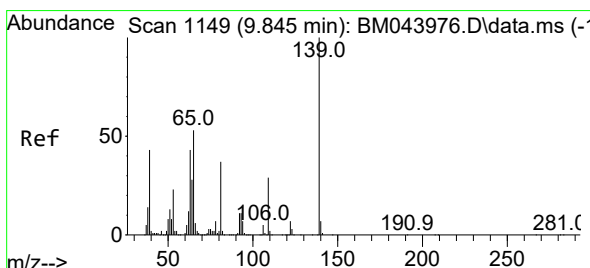
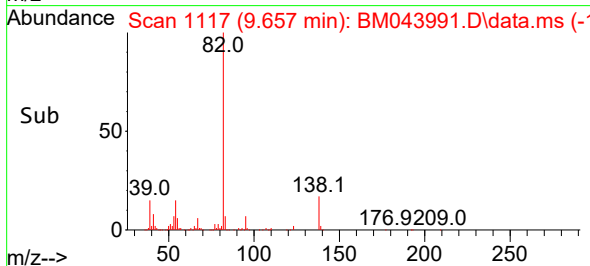
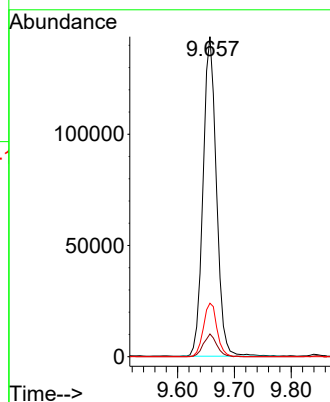
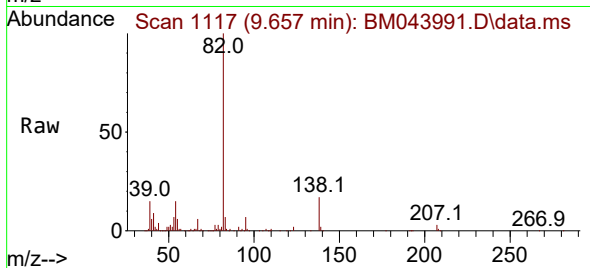
Tgt Ion: 82 Resp: 234514

Ion Ratio Lower Upper

82 100

95 7.1 5.6 8.4

138 16.7 14.2 21.2



#26

2-Nitrophenol

Concen: 4.029 ng

RT: 9.839 min Scan# 1148

Delta R.T. -0.006 min

Lab File: BM043991.D

Acq: 06 Feb 2024 14:39

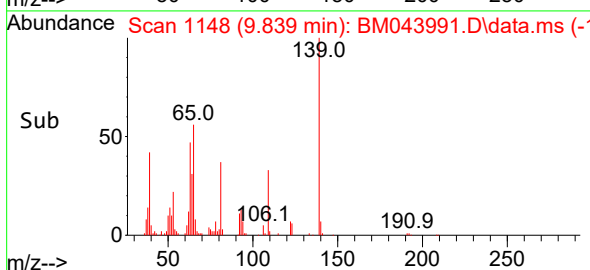
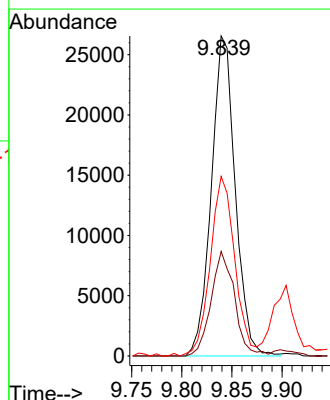
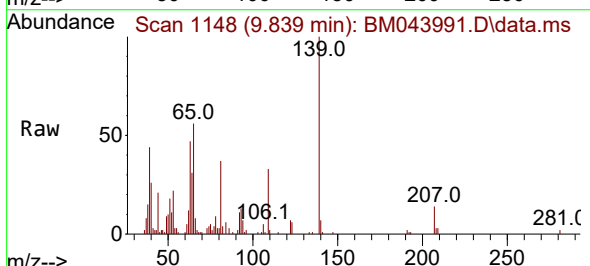
Tgt Ion: 139 Resp: 43973

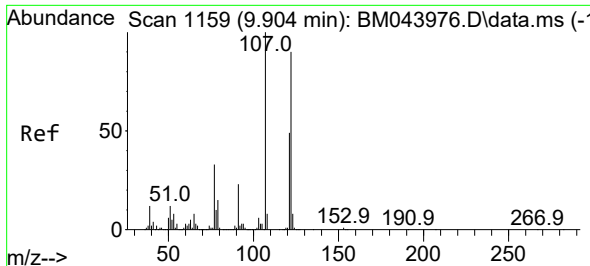
Ion Ratio Lower Upper

139 100

109 32.6 23.3 34.9

65 56.1 42.5 63.7

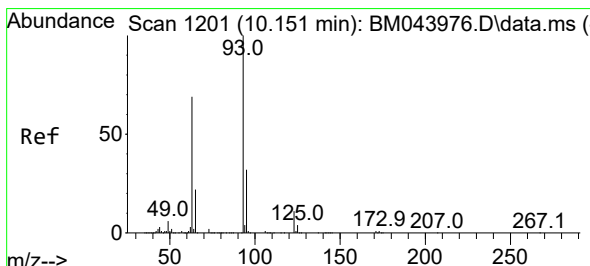
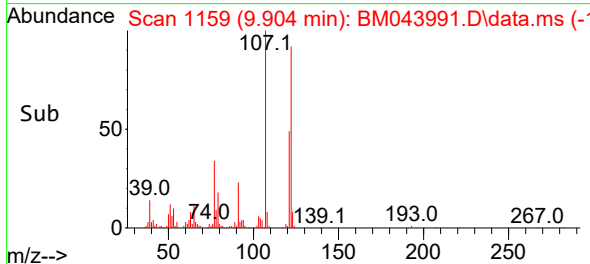
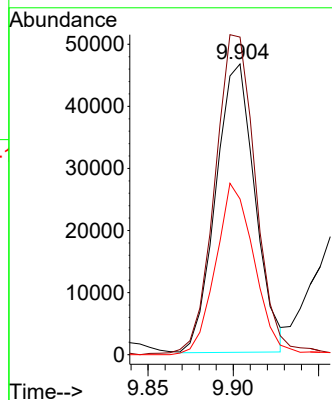
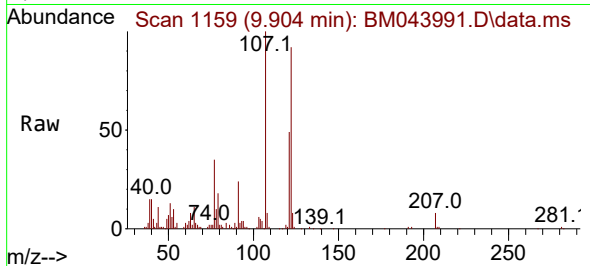




#27
2,4-Dimethylphenol
Concen: 4.968 ng
RT: 9.904 min Scan# 1159
Delta R.T. -0.000 min
Lab File: BM043991.D
Acq: 06 Feb 2024 14:39

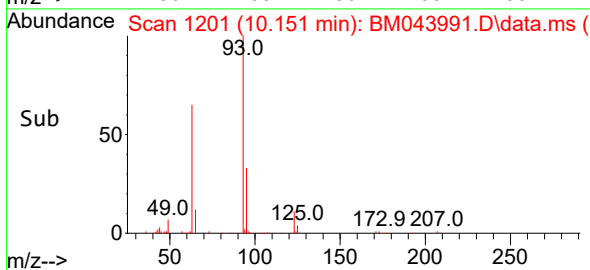
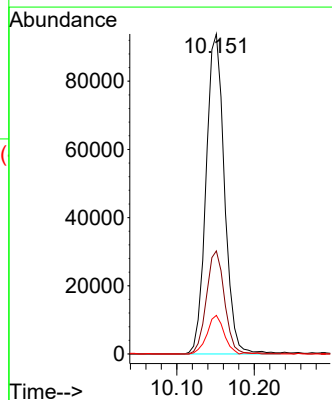
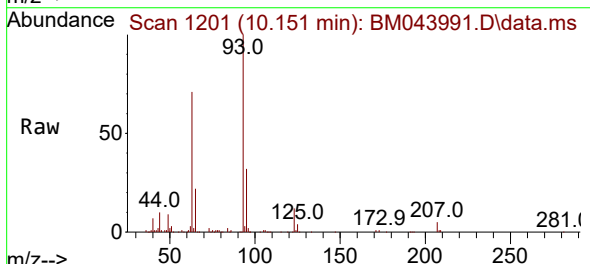
Instrument : BNA_M
ClientSampleId : LOQ-WATER-02-QT4-2023

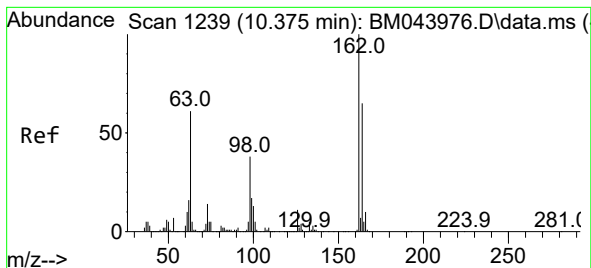
Tgt Ion:122 Resp: 74458
Ion Ratio Lower Upper
122 100
107 109.3 89.0 133.4
121 53.5 43.4 65.0



#28
bis(2-Chloroethoxy)methane
Concen: 5.048 ng
RT: 10.151 min Scan# 1201
Delta R.T. -0.000 min
Lab File: BM043991.D
Acq: 06 Feb 2024 14:39

Tgt Ion: 93 Resp: 154479
Ion Ratio Lower Upper
93 100
95 32.2 25.9 38.9
123 12.0 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 4.362 ng

RT: 10.369 min Scan# 1238

Delta R.T. -0.006 min

Lab File: BM043991.D

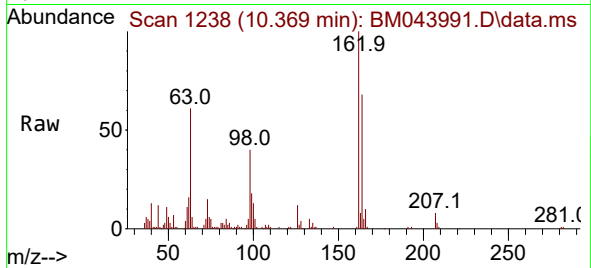
Acq: 06 Feb 2024 14:39

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2023



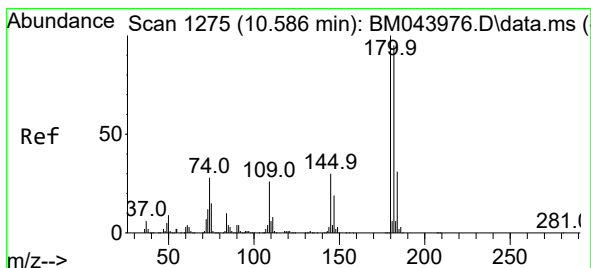
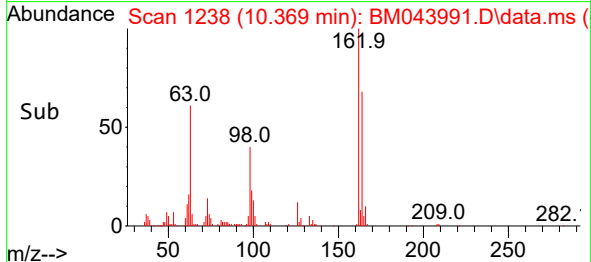
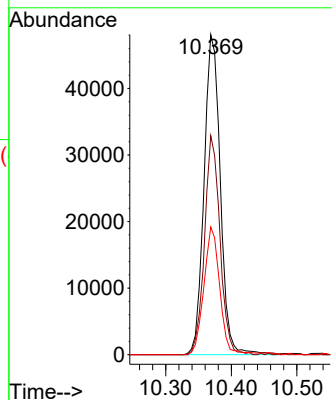
Tgt Ion:162 Resp: 83384

Ion Ratio Lower Upper

162 100

164 68.5 45.1 85.1

98 39.9 17.8 57.8



#30

1,2,4-Trichlorobenzene

Concen: 4.881 ng

RT: 10.586 min Scan# 1275

Delta R.T. -0.000 min

Lab File: BM043991.D

Acq: 06 Feb 2024 14:39

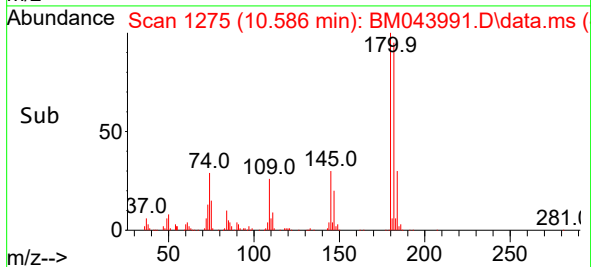
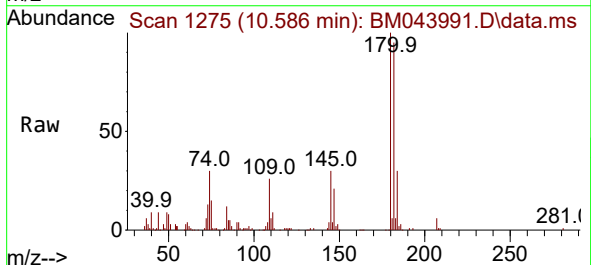
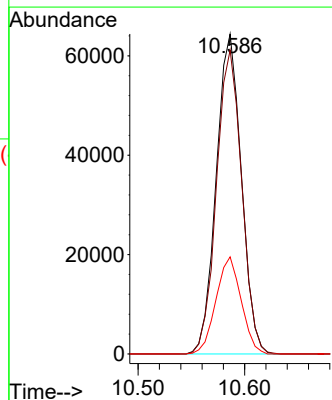
Tgt Ion:180 Resp: 105377

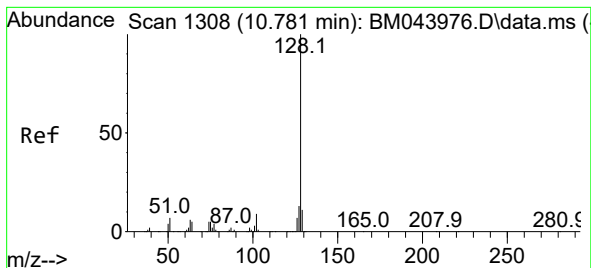
Ion Ratio Lower Upper

180 100

182 95.0 76.0 114.0

145 30.4 24.2 36.2





#31

Naphthalene

Concen: 4.970 ng

RT: 10.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM043991.D

Acq: 06 Feb 2024 14:39

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2023

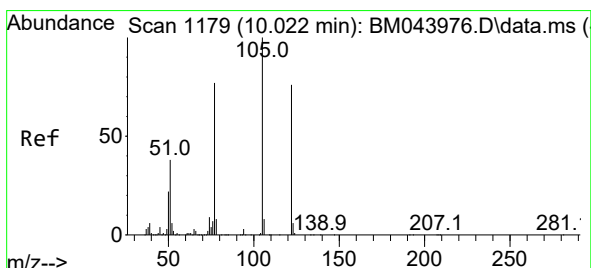
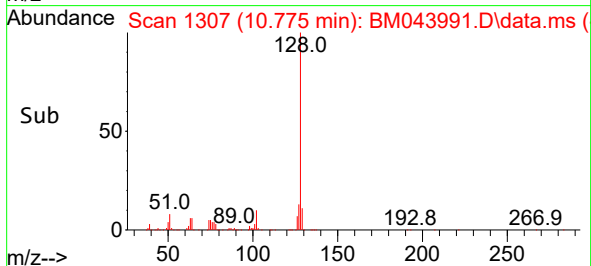
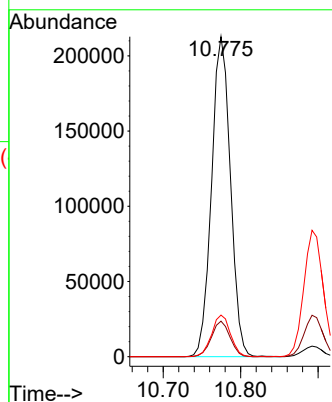
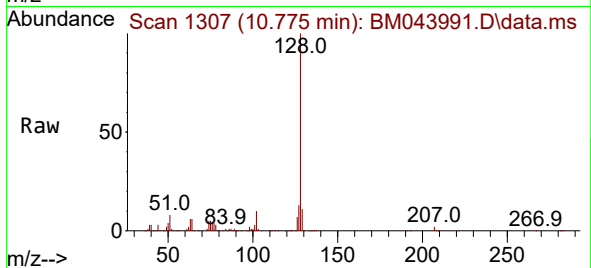
Tgt Ion:128 Resp: 359438

Ion Ratio Lower Upper

128 100

129 11.1 8.4 12.6

127 13.0 10.1 15.1



#32

Benzoic acid

Concen: 8.604 ng

RT: 9.963 min Scan# 1169

Delta R.T. -0.059 min

Lab File: BM043991.D

Acq: 06 Feb 2024 14:39

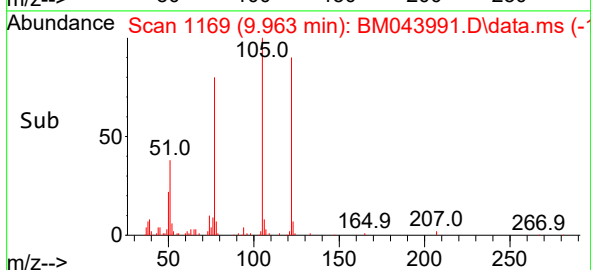
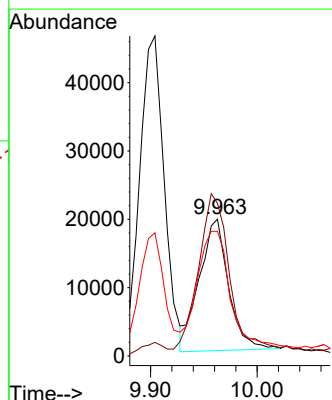
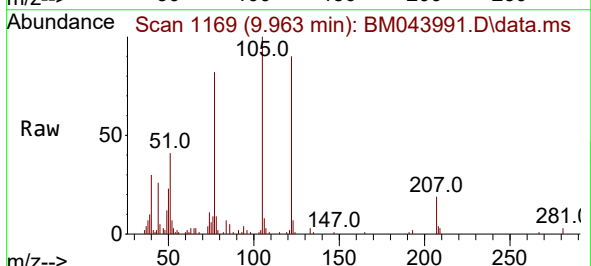
Tgt Ion:122 Resp: 36762

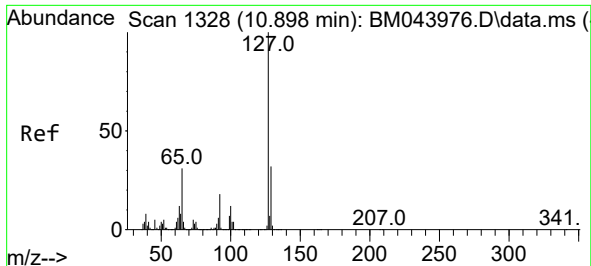
Ion Ratio Lower Upper

122 100

105 111.6 109.4 149.4

77 91.2 80.5 120.5

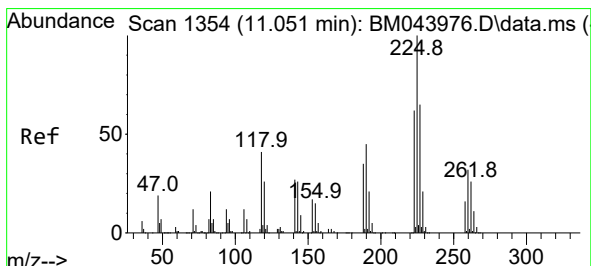
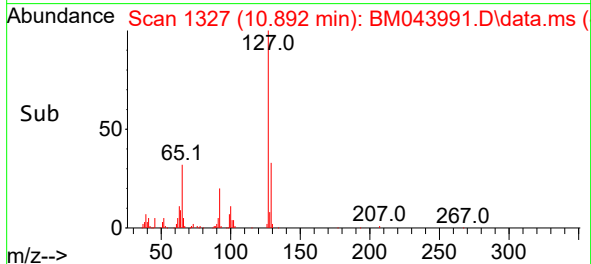
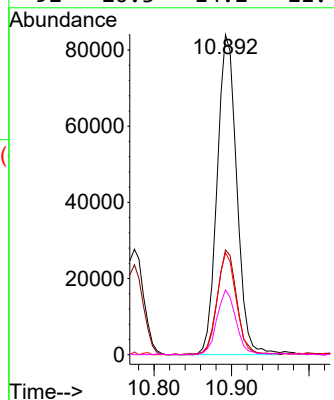
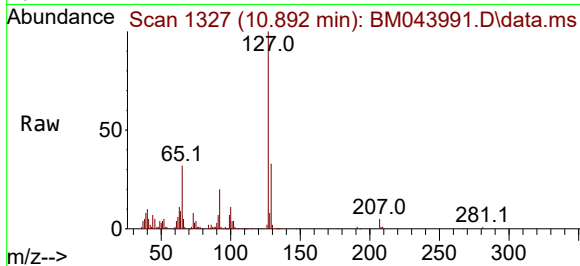




#33
4-Chloroaniline
Concen: 4.968 ng
RT: 10.892 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM043991.D
Acq: 06 Feb 2024 14:39

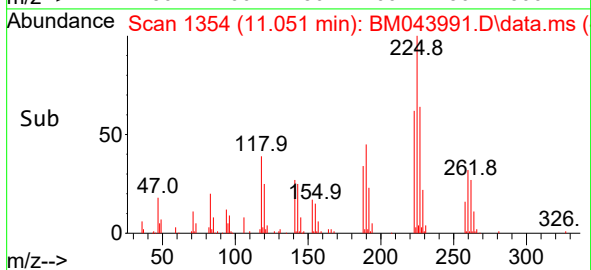
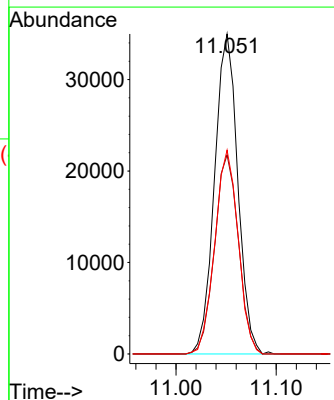
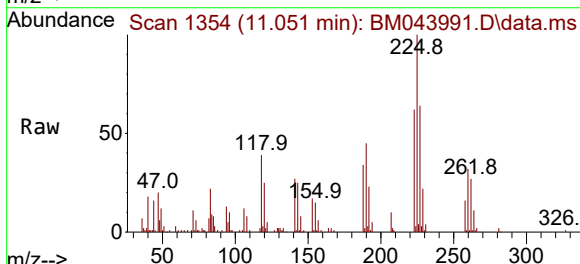
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2023

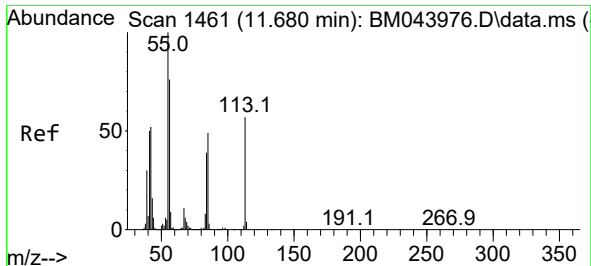
Tgt Ion:	127	Resp:	147677
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.6	38.4
65	31.8	24.5	36.7
92	20.3	14.2	21.4



#34
Hexachlorobutadiene
Concen: 4.779 ng
RT: 11.051 min Scan# 1354
Delta R.T. -0.000 min
Lab File: BM043991.D
Acq: 06 Feb 2024 14:39

Tgt Ion:	225	Resp:	56274
Ion	Ratio	Lower	Upper
225	100		
223	62.2	49.8	74.8
227	63.7	51.7	77.5

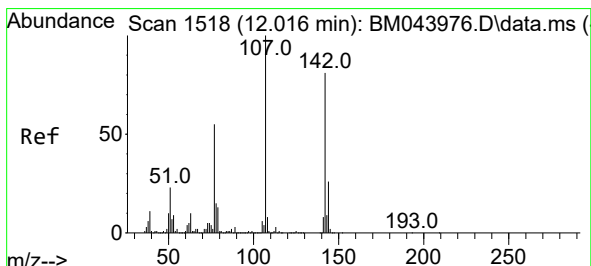
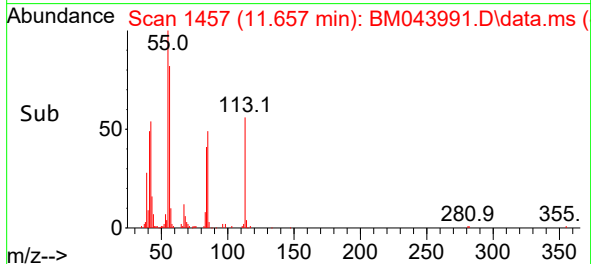
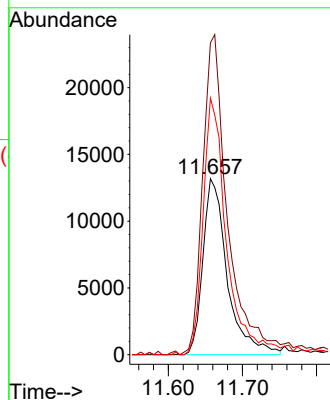
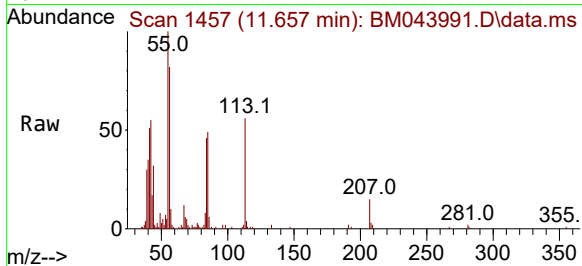




#35
Caprolactam
Concen: 3.841 ng
RT: 11.657 min Scan# 1461
Delta R.T. -0.024 min
Lab File: BM043991.D
Acq: 06 Feb 2024 14:39

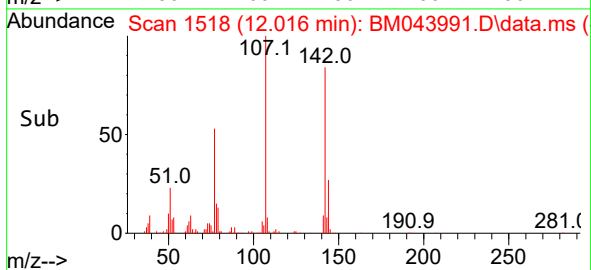
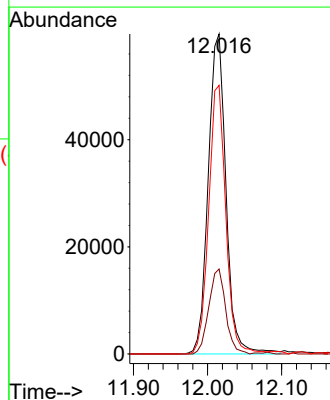
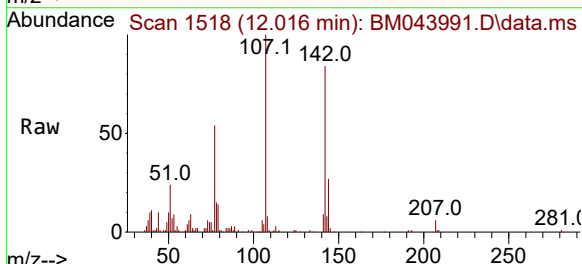
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2023

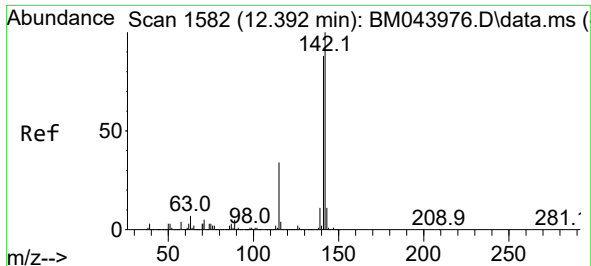
Tgt Ion:113 Resp: 30111
Ion Ratio Lower Upper
113 100
55 177.2 154.3 194.3
56 145.8 112.2 152.2



#36
4-Chloro-3-methylphenol
Concen: 4.251 ng
RT: 12.016 min Scan# 1518
Delta R.T. -0.000 min
Lab File: BM043991.D
Acq: 06 Feb 2024 14:39

Tgt Ion:107 Resp: 99511
Ion Ratio Lower Upper
107 100
144 26.5 21.1 31.7
142 83.9 65.0 97.4

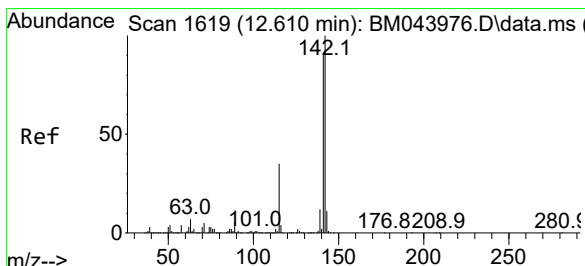
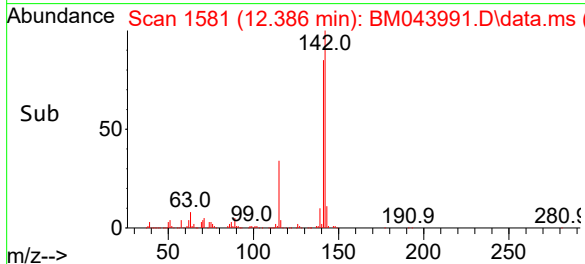
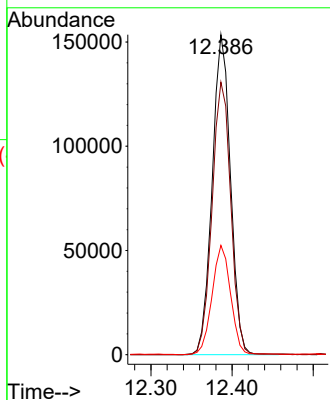
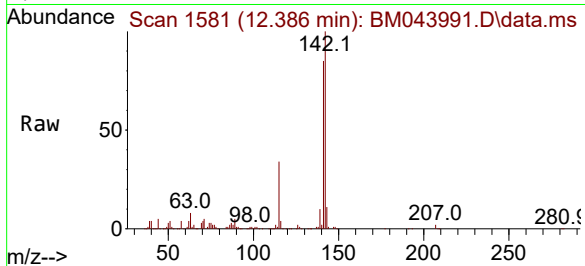




#37
2-Methylnaphthalene
Concen: 4.777 ng
RT: 12.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BM043991.D
Acq: 06 Feb 2024 14:39

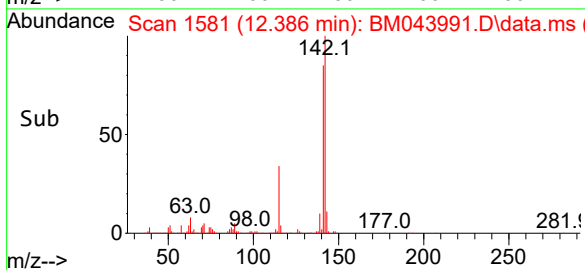
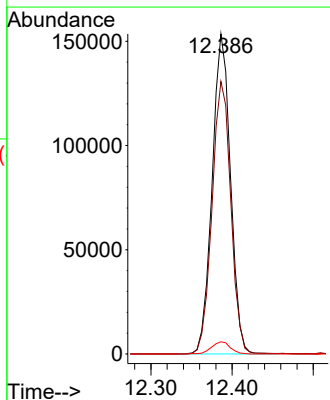
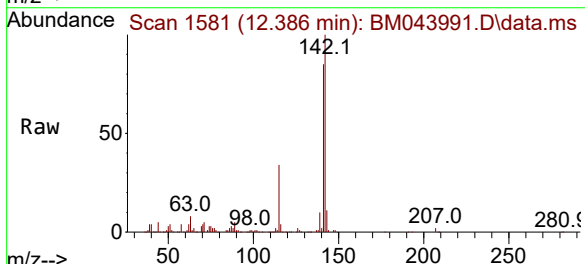
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2023

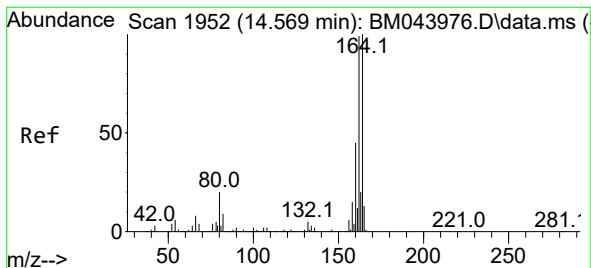
Tgt Ion:142 Resp: 240906
Ion Ratio Lower Upper
142 100
141 85.2 70.2 105.2
115 34.2 27.2 40.8



#38
1-Methylnaphthalene
Concen: 4.785 ng
RT: 12.386 min Scan# 1581
Delta R.T. -0.224 min
Lab File: BM043991.D
Acq: 06 Feb 2024 14:39

Tgt Ion:142 Resp: 240906
Ion Ratio Lower Upper
142 100
141 85.2 72.1 108.1
116 3.8 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.562 min Scan# 1951

Delta R.T. -0.007 min

Lab File: BM043991.D

Acq: 06 Feb 2024 14:39

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2023

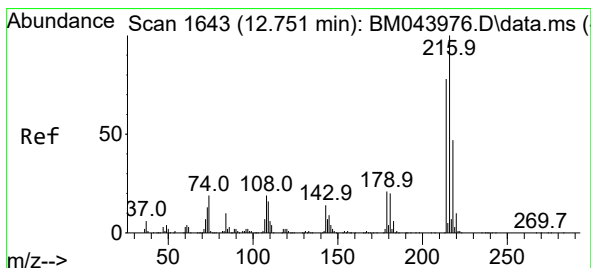
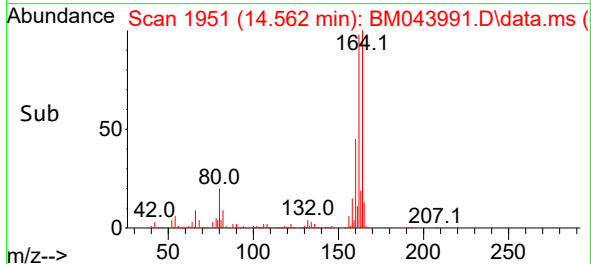
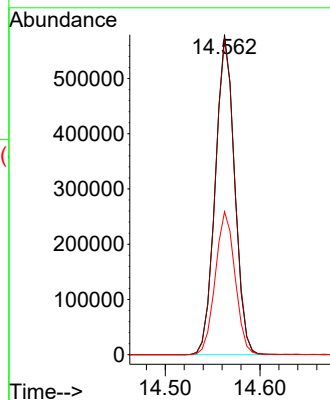
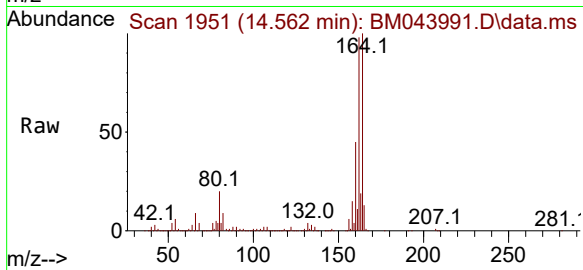
Tgt Ion:164 Resp: 818926

Ion Ratio Lower Upper

164 100

162 98.4 79.0 118.4

160 44.7 35.8 53.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 5.150 ng

RT: 12.751 min Scan# 1643

Delta R.T. -0.000 min

Lab File: BM043991.D

Acq: 06 Feb 2024 14:39

Tgt Ion:216 Resp: 119612

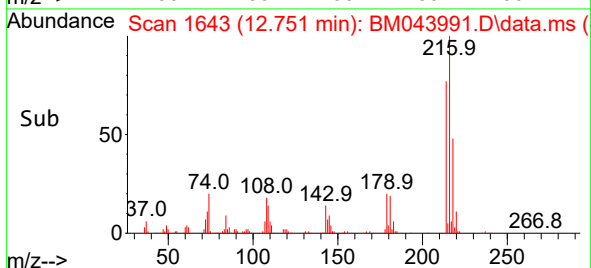
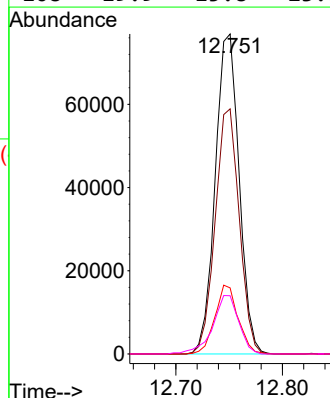
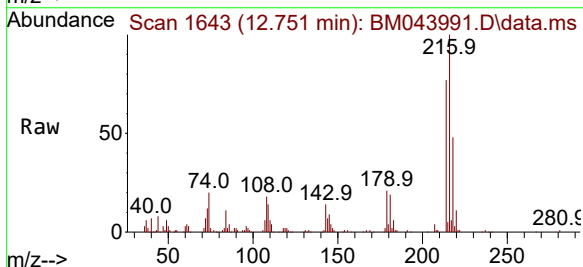
Ion Ratio Lower Upper

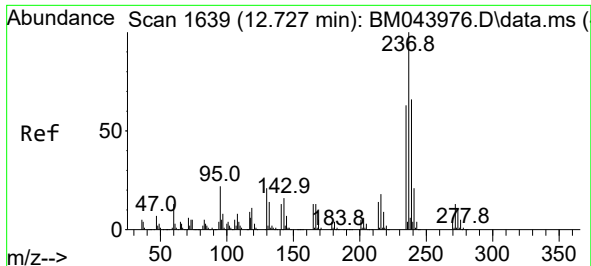
216 100

214 77.2 62.6 94.0

179 20.9 16.7 25.1

108 19.9 15.8 23.8

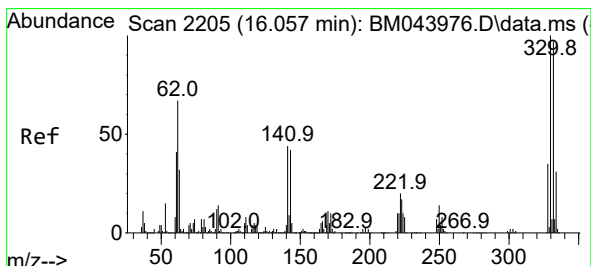
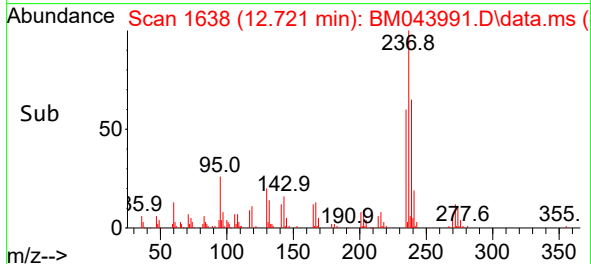
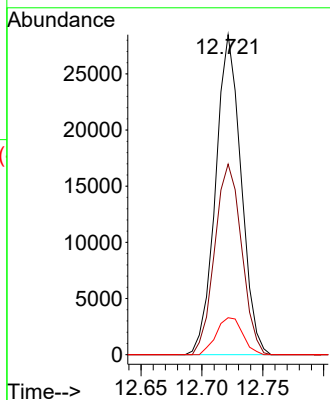
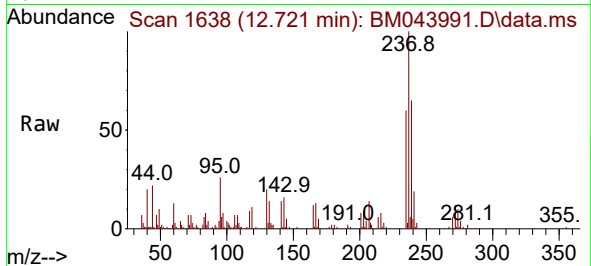




#41
Hexachlorocyclopentadiene
Concen: 5.439 ng
RT: 12.721 min Scan# 1638
Delta R.T. -0.006 min
Lab File: BM043991.D
Acq: 06 Feb 2024 14:39

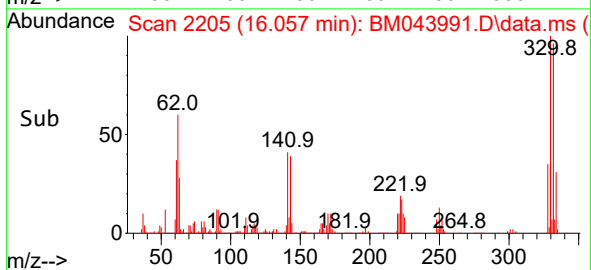
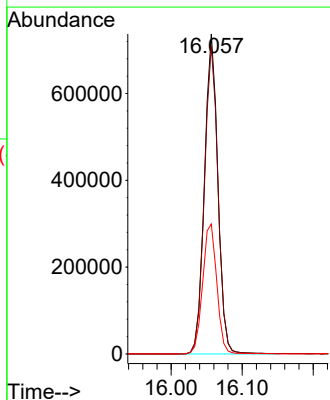
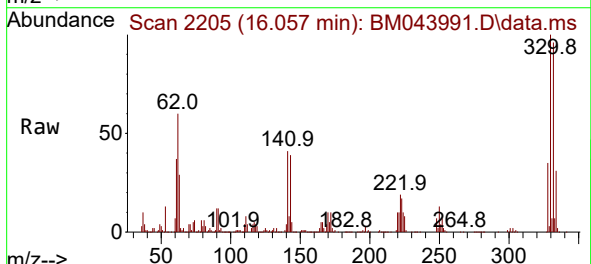
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2023

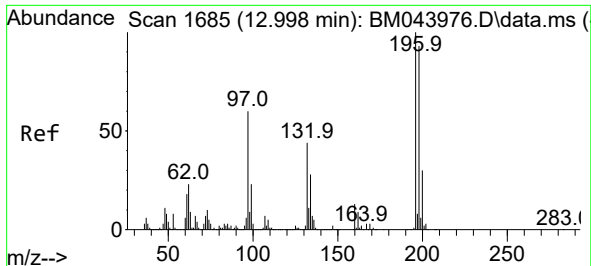
Tgt Ion:237 Resp: 41550
Ion Ratio Lower Upper
237 100
235 59.6 43.5 83.5
272 11.6 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 97.468 ng
RT: 16.057 min Scan# 2205
Delta R.T. -0.000 min
Lab File: BM043991.D
Acq: 06 Feb 2024 14:39

Tgt Ion:330 Resp: 972989
Ion Ratio Lower Upper
330 100
332 97.3 77.6 116.4
141 42.6 33.5 50.3

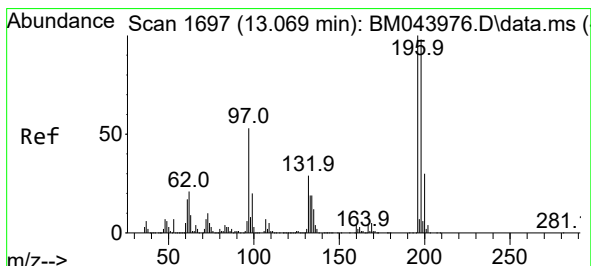
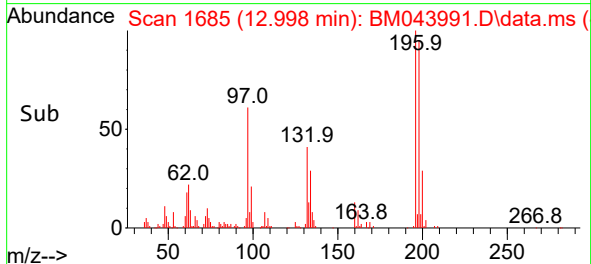
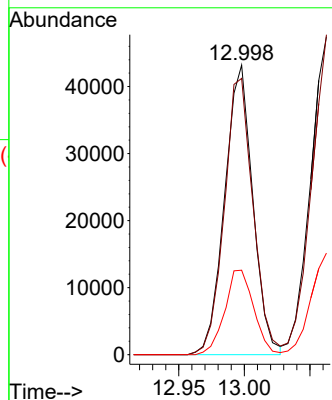
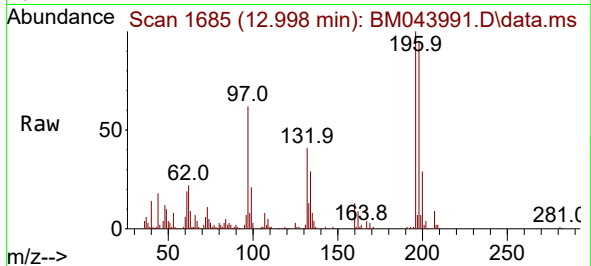




#43
2,4,6-Trichlorophenol
Concen: 4.106 ng
RT: 12.998 min Scan# 1685
Delta R.T. -0.000 min
Lab File: BM043991.D
Acq: 06 Feb 2024 14:39

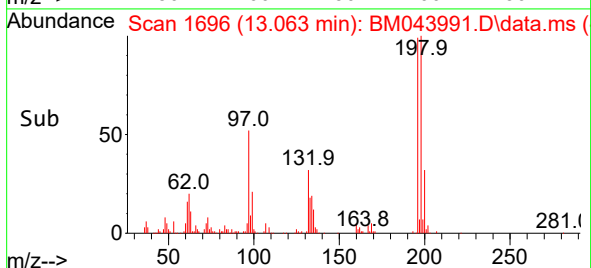
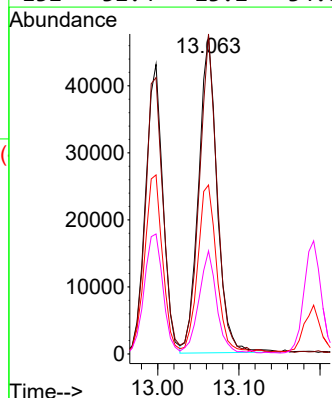
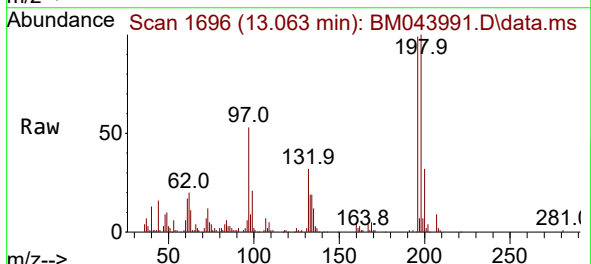
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2023

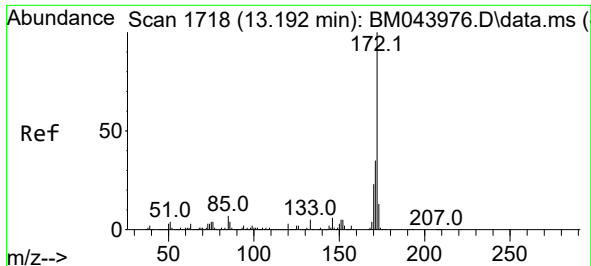
Tgt Ion:196 Resp: 64450
Ion Ratio Lower Upper
196 100
198 95.4 74.2 111.2
200 29.2 23.8 35.8



#44
2,4,5-Trichlorophenol
Concen: 4.194 ng
RT: 13.063 min Scan# 1696
Delta R.T. -0.006 min
Lab File: BM043991.D
Acq: 06 Feb 2024 14:39

Tgt Ion:196 Resp: 75105
Ion Ratio Lower Upper
196 100
198 100.6 78.1 117.1
97 53.1 42.2 63.2
132 32.4 23.2 34.8

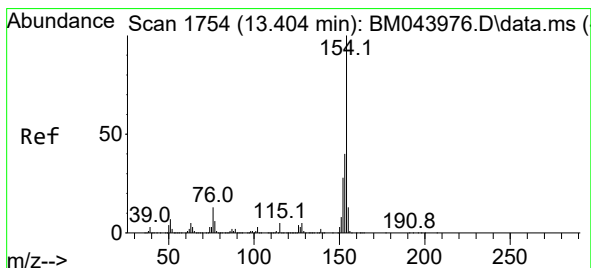
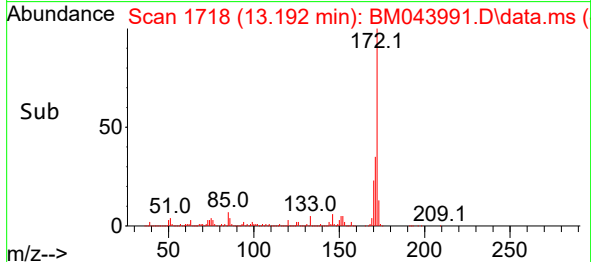
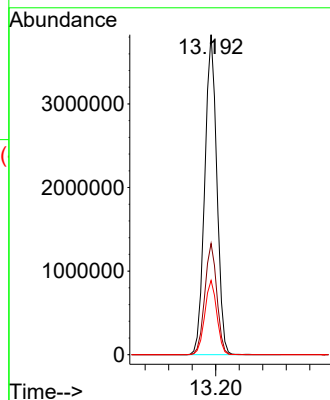
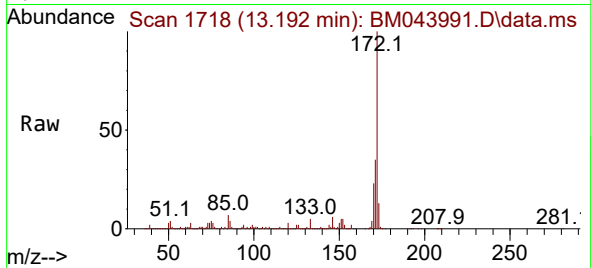




#45
2-Fluorobiphenyl
Concen: 91.723 ng
RT: 13.192 min Scan# 1718
Delta R.T. -0.000 min
Lab File: BM043991.D
Acq: 06 Feb 2024 14:39

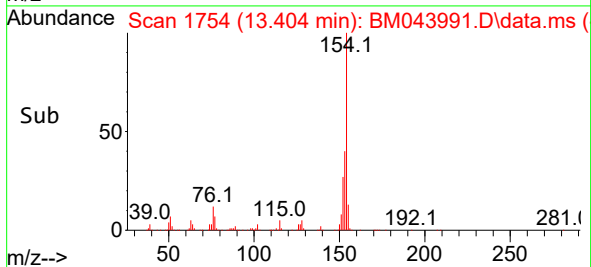
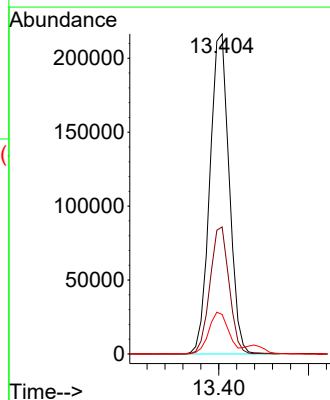
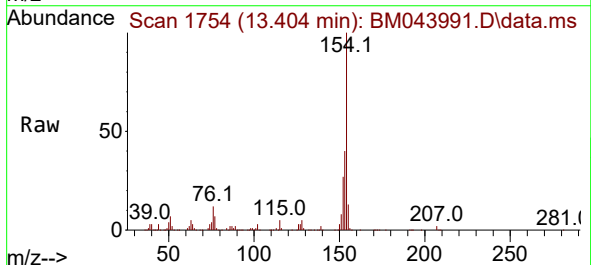
Instrument : BNA_M
ClientSampleId : LOQ-WATER-02-QT4-2023

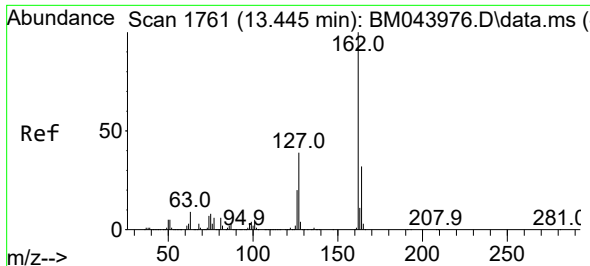
Tgt Ion:172 Resp: 5466570
Ion Ratio Lower Upper
172 100
171 34.7 27.9 41.9
170 23.2 18.6 28.0



#46
1,1'-Biphenyl
Concen: 5.032 ng
RT: 13.404 min Scan# 1754
Delta R.T. -0.000 min
Lab File: BM043991.D
Acq: 06 Feb 2024 14:39

Tgt Ion:154 Resp: 324058
Ion Ratio Lower Upper
154 100
153 39.7 19.8 59.8
76 12.4 0.0 33.0

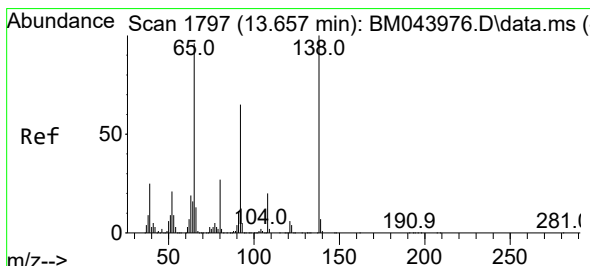
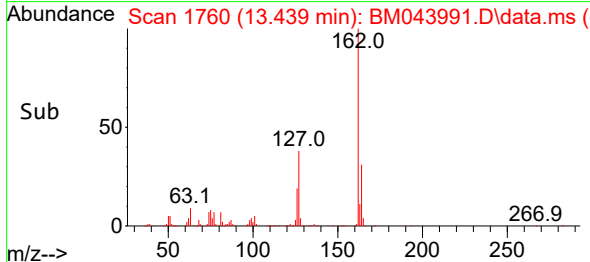
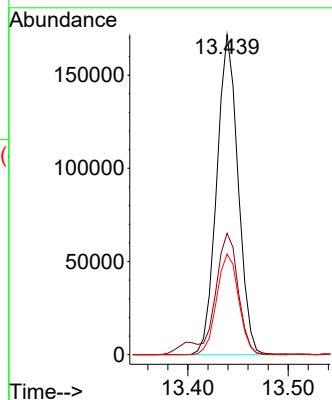
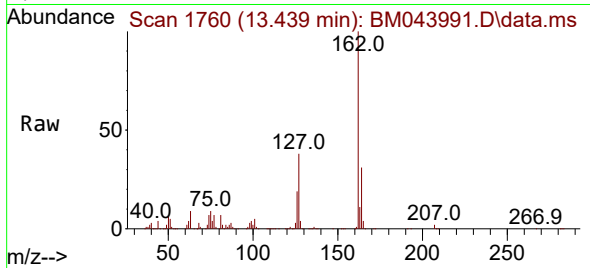




#47
2-Chloronaphthalene
Concen: 4.928 ng
RT: 13.439 min Scan# 1760
Delta R.T. -0.006 min
Lab File: BM043991.D
Acq: 06 Feb 2024 14:39

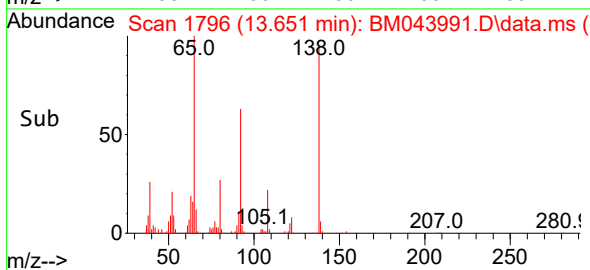
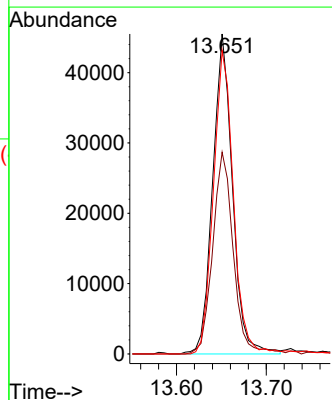
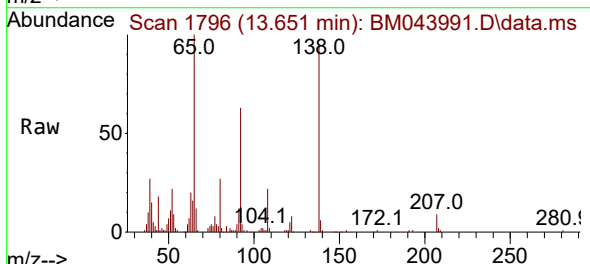
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2023

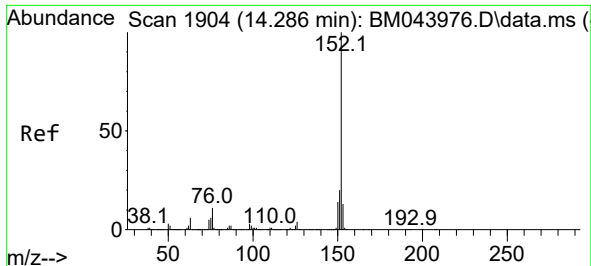
Tgt Ion:162 Resp: 253100
Ion Ratio Lower Upper
162 100
127 37.9 31.0 46.6
164 31.4 25.8 38.6



#48
2-Nitroaniline
Concen: 4.167 ng
RT: 13.651 min Scan# 1796
Delta R.T. -0.006 min
Lab File: BM043991.D
Acq: 06 Feb 2024 14:39

Tgt Ion: 65 Resp: 69599
Ion Ratio Lower Upper
65 100
92 63.1 53.6 80.4
138 94.8 83.0 124.6

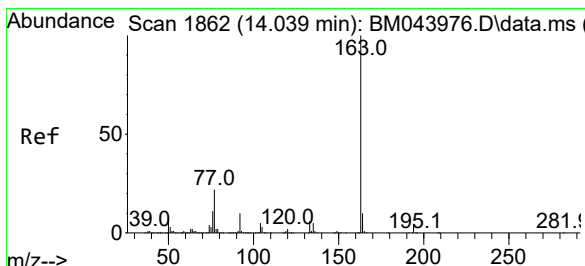
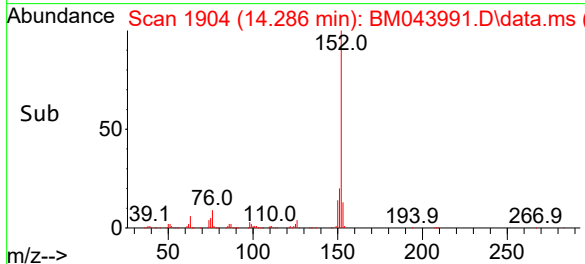
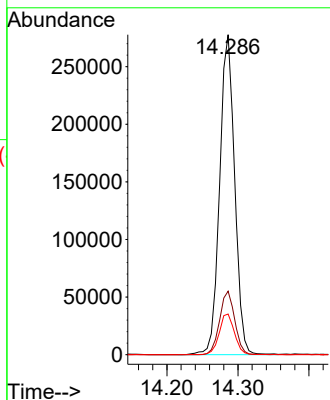
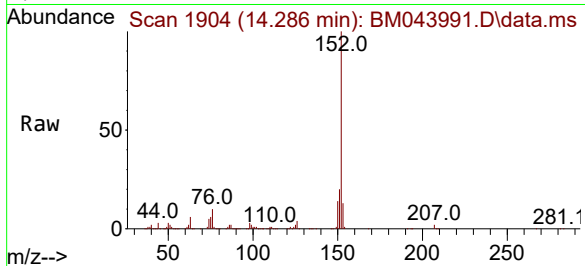




#49
Acenaphthylene
Concen: 5.187 ng
RT: 14.286 min Scan# 1904
Delta R.T. -0.000 min
Lab File: BM043991.D
Acq: 06 Feb 2024 14:39

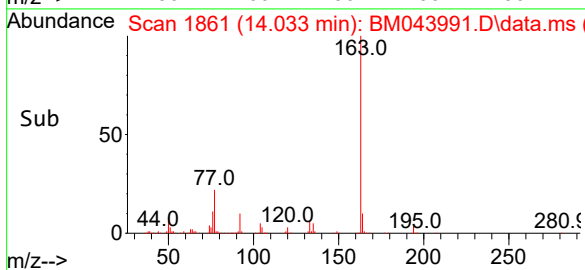
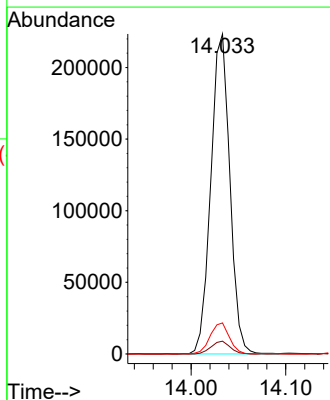
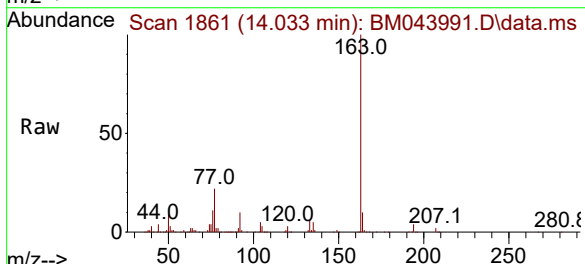
Instrument : BNA_M
ClientSampleId : LOQ-WATER-02-QT4-2023

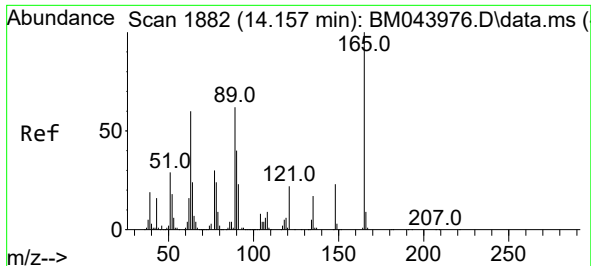
Tgt Ion:152 Resp: 407240
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 12.7 10.4 15.6



#50
Dimethylphthalate
Concen: 4.893 ng
RT: 14.033 min Scan# 1861
Delta R.T. -0.006 min
Lab File: BM043991.D
Acq: 06 Feb 2024 14:39

Tgt Ion:163 Resp: 311233
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 9.7 8.0 12.0





#51

2,6-Dinitrotoluene

Concen: 4.232 ng

RT: 14.151 min Scan# 1882

Delta R.T. -0.006 min

Lab File: BM043991.D

Acq: 06 Feb 2024 14:39

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2023

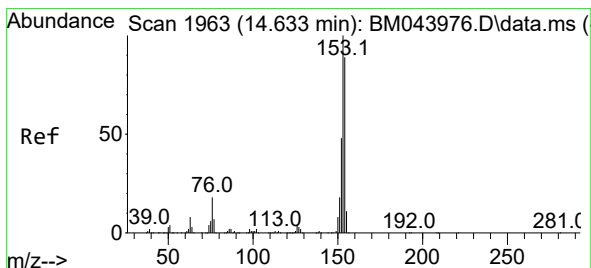
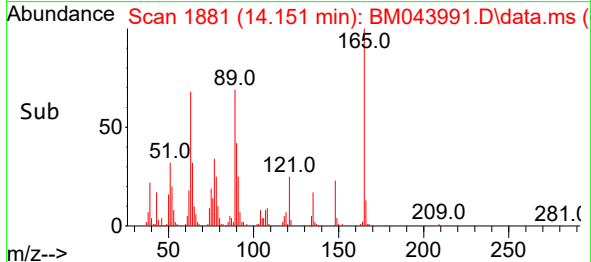
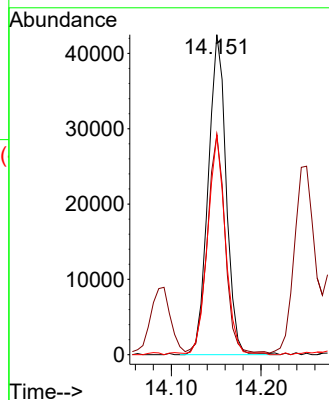
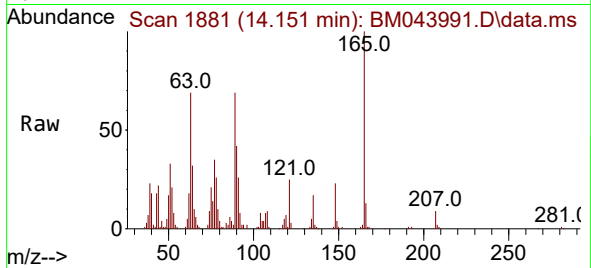
Tgt Ion:165 Resp: 59176

Ion Ratio Lower Upper

165 100

63 68.7 51.1 76.7

89 68.6 49.5 74.3



#52

Acenaphthene

Concen: 4.839 ng

RT: 14.627 min Scan# 1962

Delta R.T. -0.006 min

Lab File: BM043991.D

Acq: 06 Feb 2024 14:39

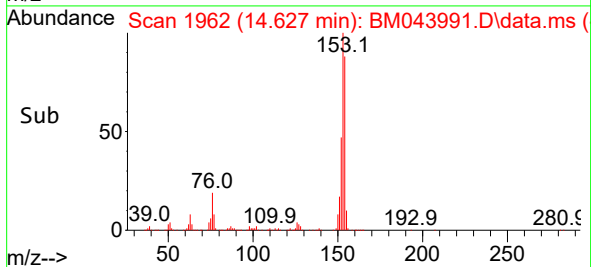
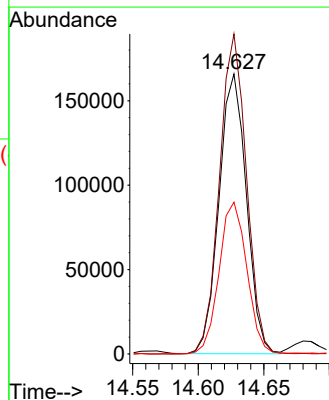
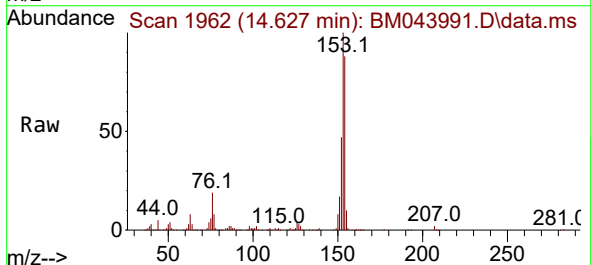
Tgt Ion:154 Resp: 240830

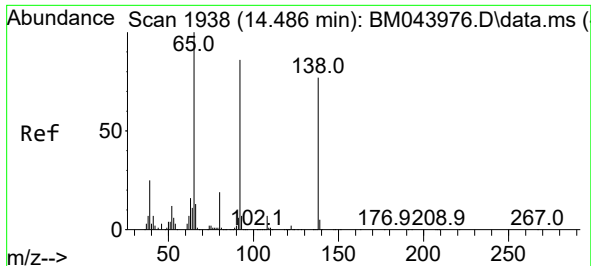
Ion Ratio Lower Upper

154 100

153 114.3 90.1 135.1

152 54.2 43.6 65.4

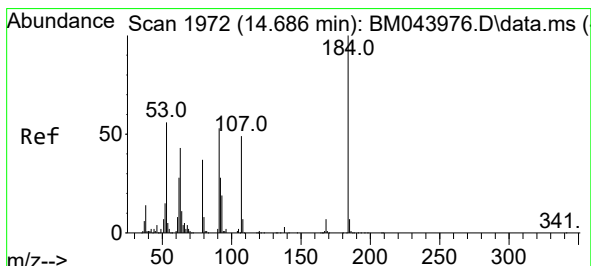
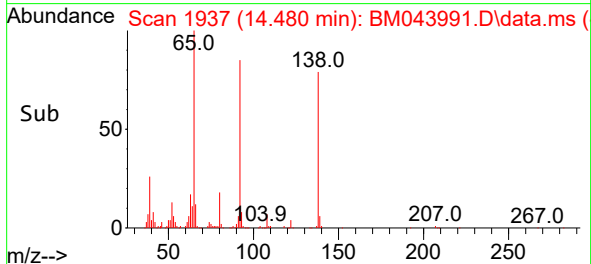
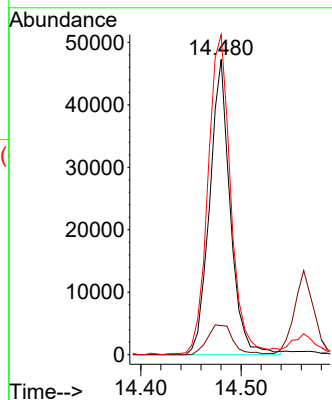
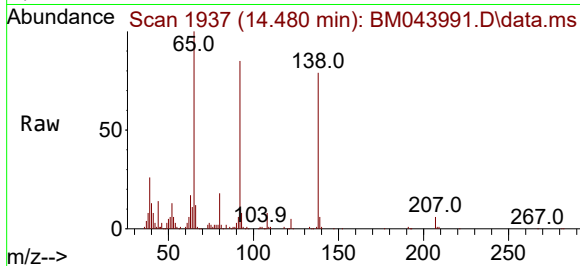




#53
3-Nitroaniline
Concen: 4.143 ng
RT: 14.480 min Scan# 1938
Delta R.T. -0.006 min
Lab File: BM043991.D
Acq: 06 Feb 2024 14:39

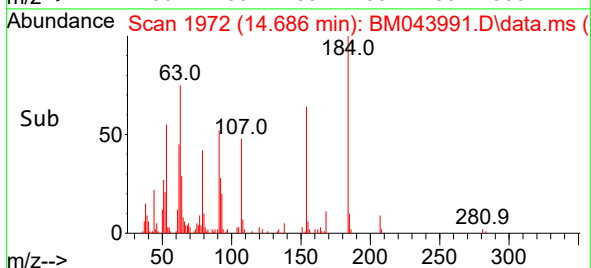
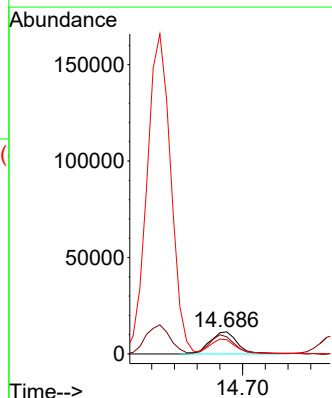
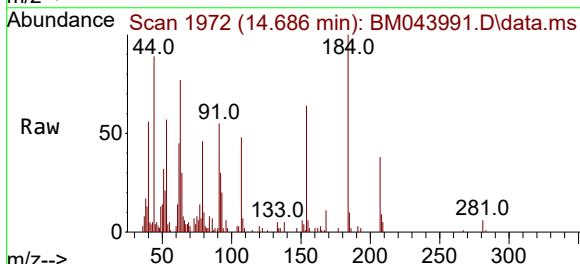
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2023

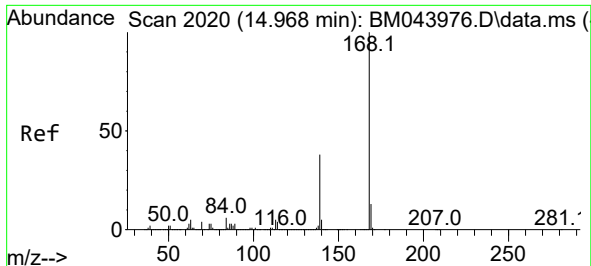
Tgt Ion:138 Resp: 67245
Ion Ratio Lower Upper
138 100
108 9.9 7.8 11.6
92 108.4 89.7 134.5



#54
2,4-Dinitrophenol
Concen: 9.405 ng
RT: 14.686 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BM043991.D
Acq: 06 Feb 2024 14:39

Tgt Ion:184 Resp: 18973
Ion Ratio Lower Upper
184 100
63 77.4 62.8 94.2
154 64.2 51.4 77.2

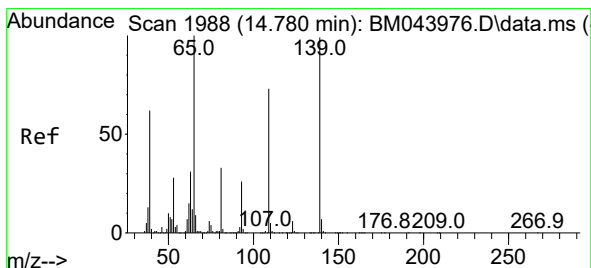
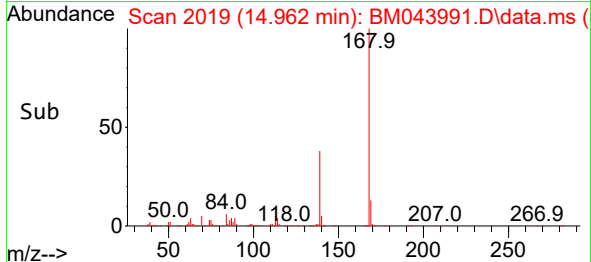
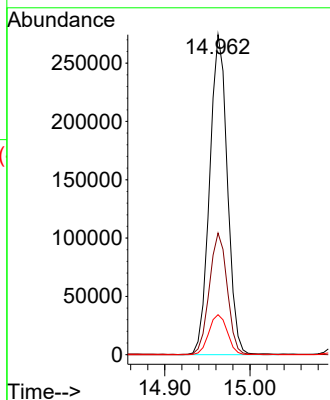
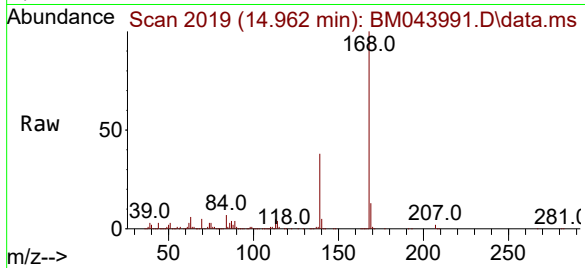




#55
Dibenzenofuran
Concen: 5.126 ng
RT: 14.962 min Scan# 20
Delta R.T. -0.006 min
Lab File: BM043991.D
Acq: 06 Feb 2024 14:39

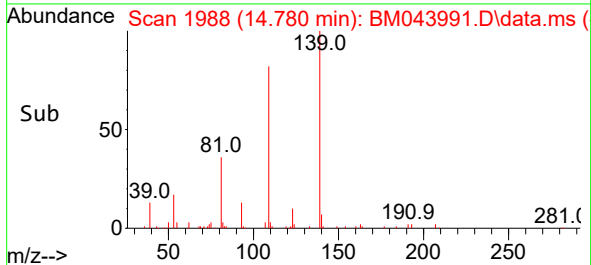
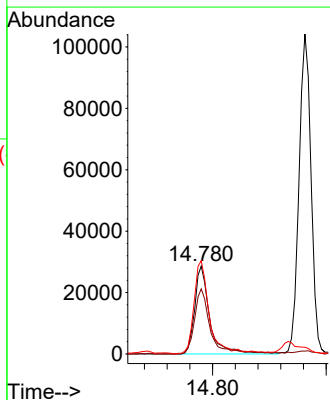
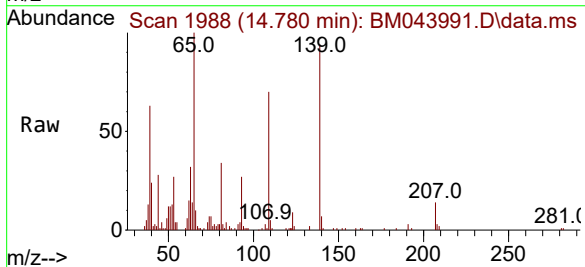
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2023

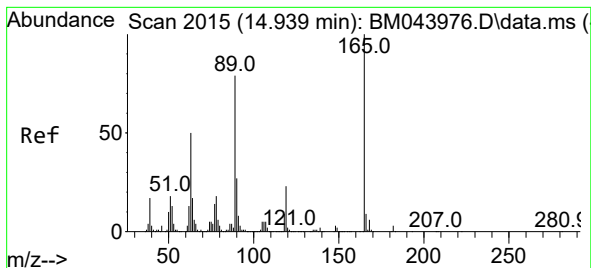
Tgt Ion:168 Resp: 396988
Ion Ratio Lower Upper
168 100
139 38.0 30.7 46.1
169 12.5 10.5 15.7



#56
4-Nitrophenol
Concen: 3.737 ng
RT: 14.780 min Scan# 1988
Delta R.T. -0.000 min
Lab File: BM043991.D
Acq: 06 Feb 2024 14:39

Tgt Ion:139 Resp: 53016
Ion Ratio Lower Upper
139 100
109 74.0 53.2 93.2
65 106.1 80.7 120.7





#57

2,4-Dinitrotoluene

Concen: 3.783 ng

RT: 14.933 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BM043991.D

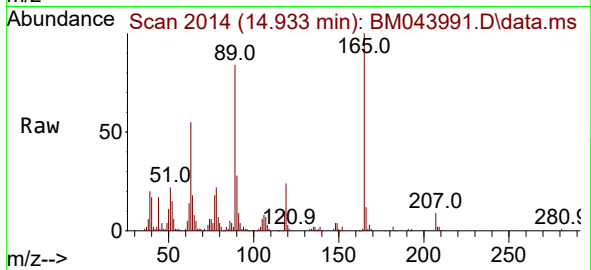
Acq: 06 Feb 2024 14:39

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2023



Tgt Ion:165 Resp: 73635

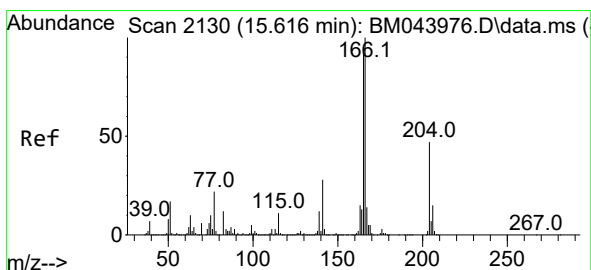
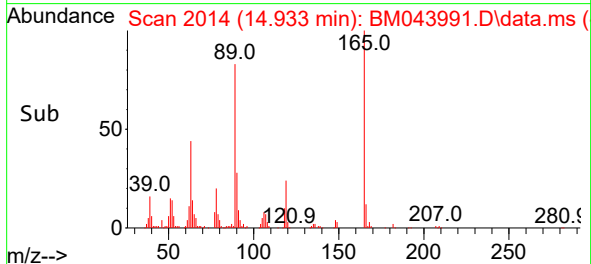
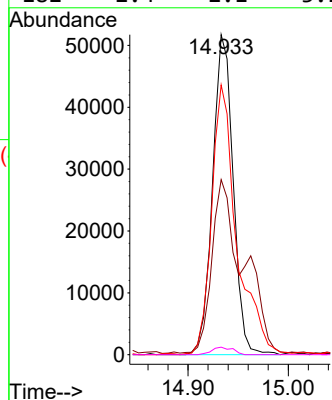
Ion Ratio Lower Upper

165 100

63 54.7 40.2 60.4

89 84.3 63.3 94.9

182 2.4 2.1 3.1



#58

Fluorene

Concen: 4.841 ng

RT: 15.615 min Scan# 2130

Delta R.T. -0.000 min

Lab File: BM043991.D

Acq: 06 Feb 2024 14:39

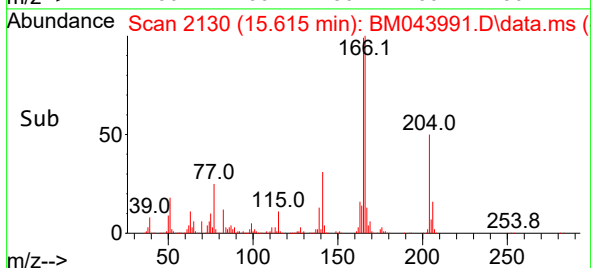
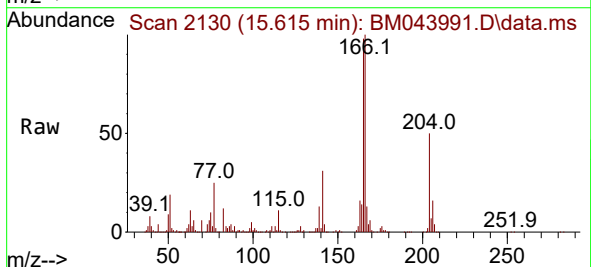
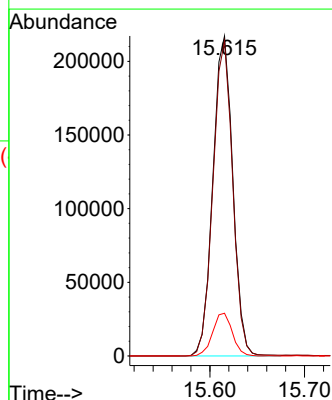
Tgt Ion:166 Resp: 316650

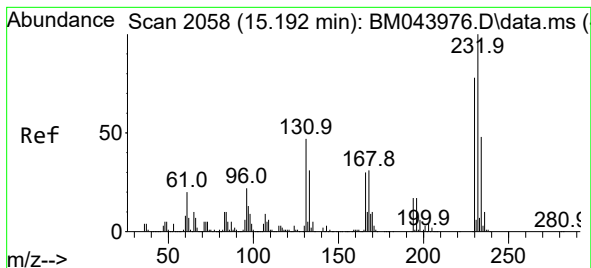
Ion Ratio Lower Upper

166 100

165 98.4 76.3 114.5

167 13.3 10.9 16.3

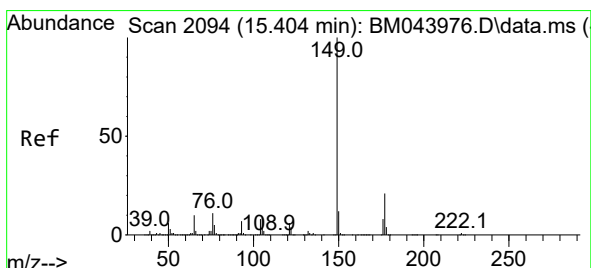
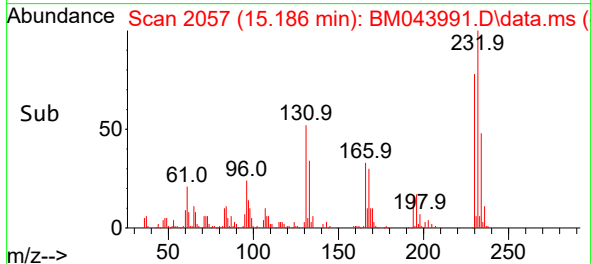
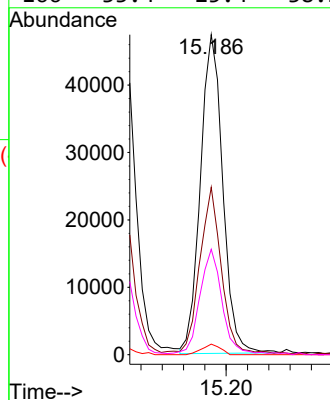
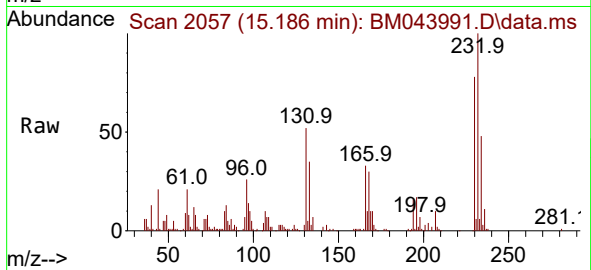




#59
2,3,4,6-Tetrachlorophenol
Concen: 4.480 ng
RT: 15.186 min Scan# 2057
Delta R.T. -0.006 min
Lab File: BM043991.D
Acq: 06 Feb 2024 14:39

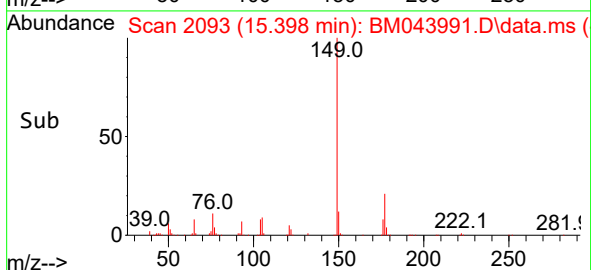
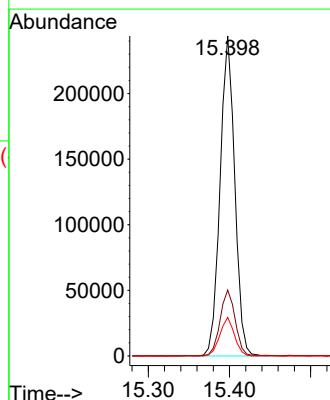
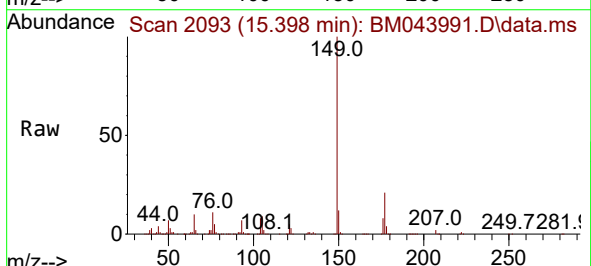
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2023

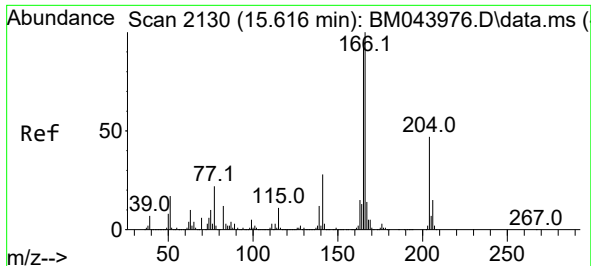
Tgt Ion:232 Resp: 69166
Ion Ratio Lower Upper
232 100
131 52.1 39.8 59.6
130 2.7 2.0 3.0
166 33.4 25.4 38.2



#60
Diethylphthalate
Concen: 4.664 ng
RT: 15.398 min Scan# 2093
Delta R.T. -0.006 min
Lab File: BM043991.D
Acq: 06 Feb 2024 14:39

Tgt Ion:149 Resp: 307155
Ion Ratio Lower Upper
149 100
177 20.6 17.1 25.7
150 12.0 9.8 14.6

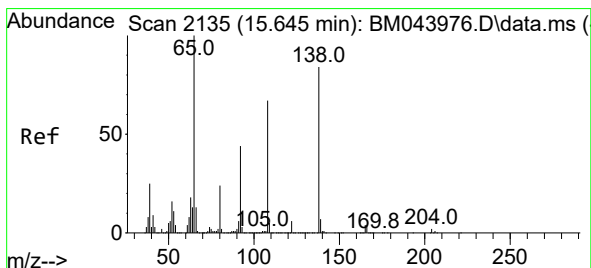
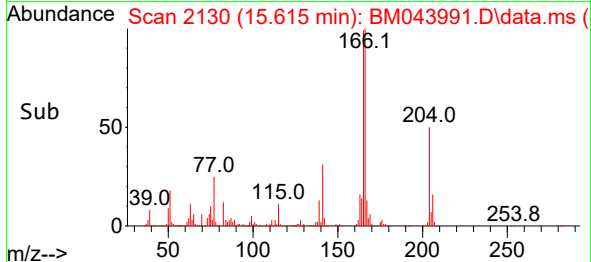
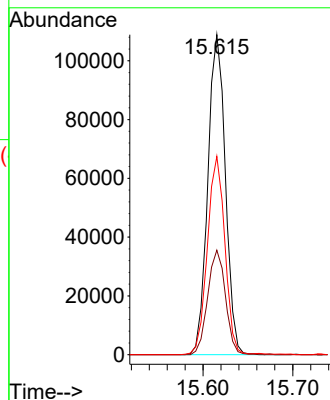
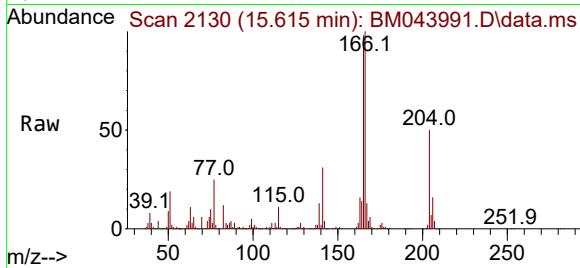




#61
4-Chlorophenyl-phenylether
Concen: 4.848 ng
RT: 15.615 min Scan# 2130
Delta R.T. -0.000 min
Lab File: BM043991.D
Acq: 06 Feb 2024 14:39

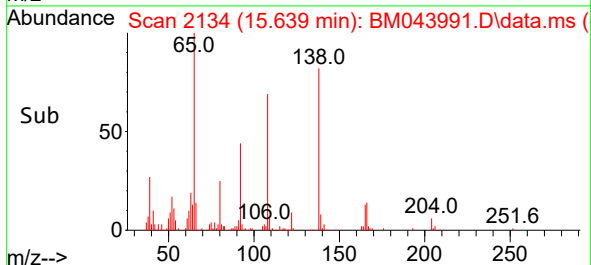
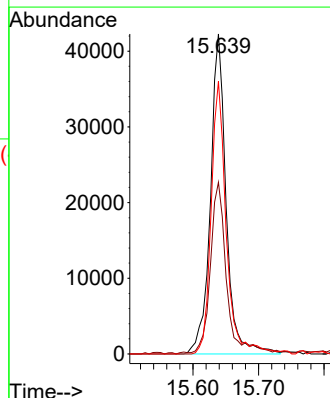
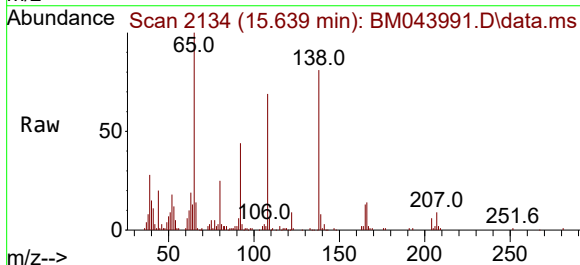
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2023

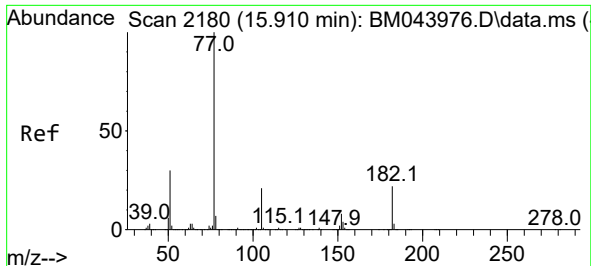
Tgt Ion:204 Resp: 147941
Ion Ratio Lower Upper
204 100
206 32.6 26.2 39.2
141 61.9 48.6 72.8



#62
4-Nitroaniline
Concen: 3.985 ng
RT: 15.639 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BM043991.D
Acq: 06 Feb 2024 14:39

Tgt Ion:138 Resp: 70726
Ion Ratio Lower Upper
138 100
92 53.6 32.7 72.7
108 85.2 60.0 100.0

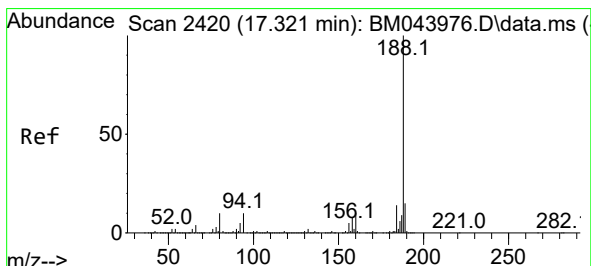
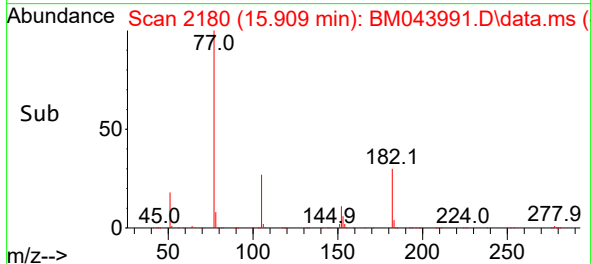
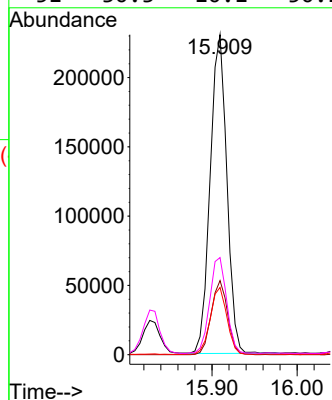
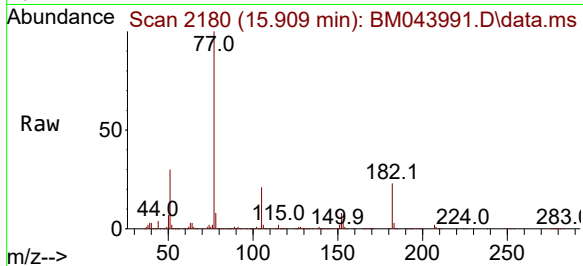




#63
Azobenzene
Concen: 4.765 ng
RT: 15.909 min Scan# 2180
Delta R.T. -0.000 min
Lab File: BM043991.D
Acq: 06 Feb 2024 14:39

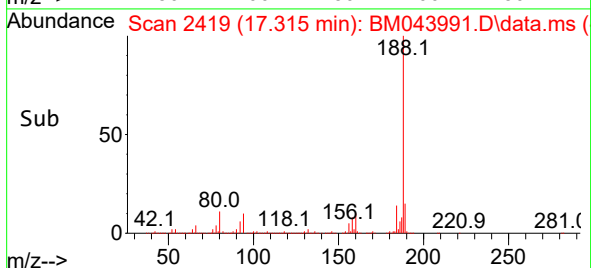
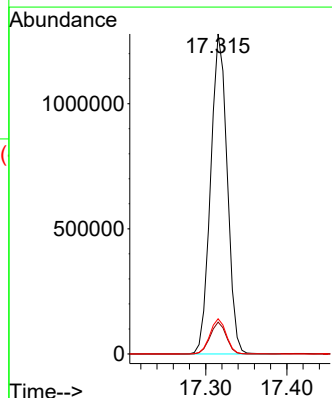
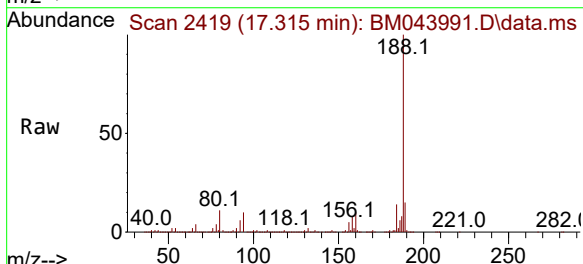
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2023

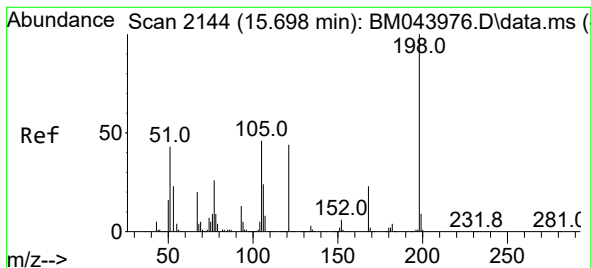
Tgt Ion: 77 Resp: 313408
Ion Ratio Lower Upper
77 100
182 23.1 2.0 42.0
105 21.0 0.5 40.5
51 30.3 10.1 50.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.315 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BM043991.D
Acq: 06 Feb 2024 14:39

Tgt Ion:188 Resp: 1811167
Ion Ratio Lower Upper
188 100
94 10.0 7.7 11.5
80 11.0 8.2 12.4

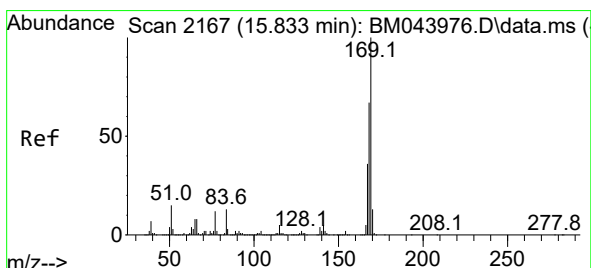
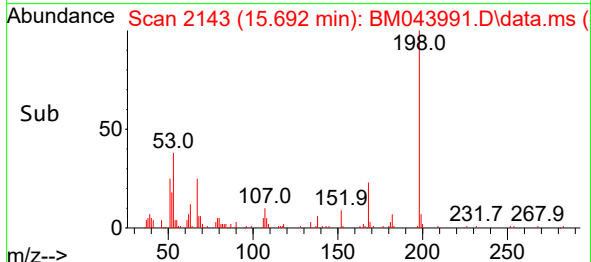
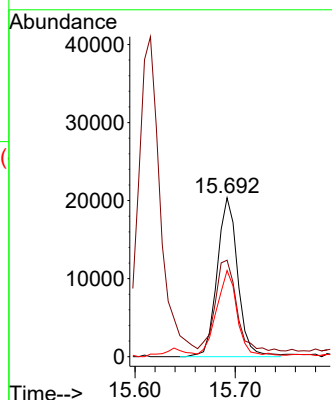
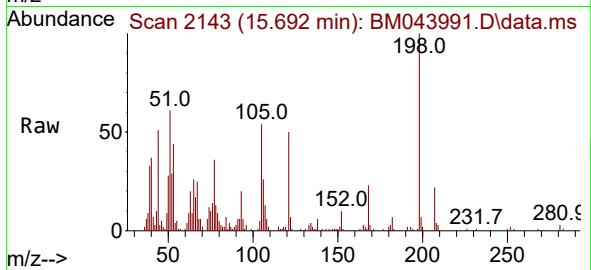




#65
4,6-Dinitro-2-methylphenol
Concen: 8.456 ng
RT: 15.692 min Scan# 2143
Delta R.T. -0.006 min
Lab File: BM043991.D
Acq: 06 Feb 2024 14:39

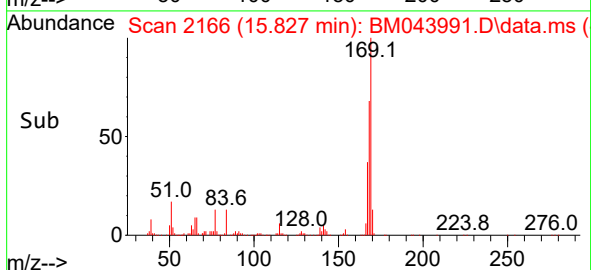
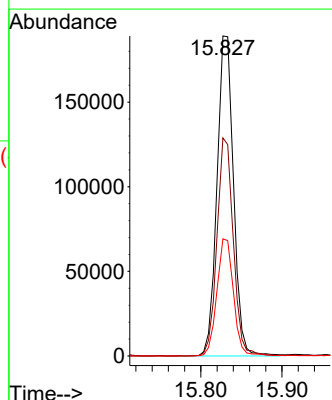
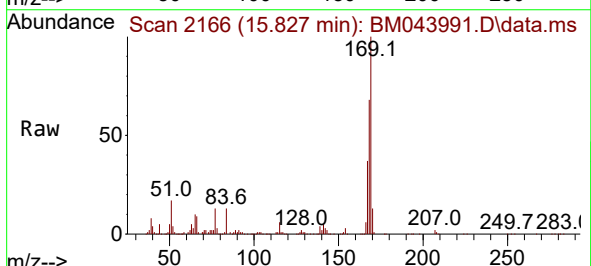
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2023

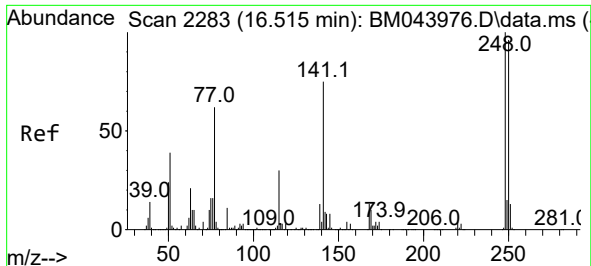
Tgt Ion:198 Resp: 28999
Ion Ratio Lower Upper
198 100
51 60.7 31.9 71.9
105 54.1 28.1 68.1



#66
n-Nitrosodiphenylamine
Concen: 4.972 ng
RT: 15.827 min Scan# 2166
Delta R.T. -0.006 min
Lab File: BM043991.D
Acq: 06 Feb 2024 14:39

Tgt Ion:169 Resp: 268221
Ion Ratio Lower Upper
169 100
168 68.2 53.4 80.2
167 36.6 29.0 43.4

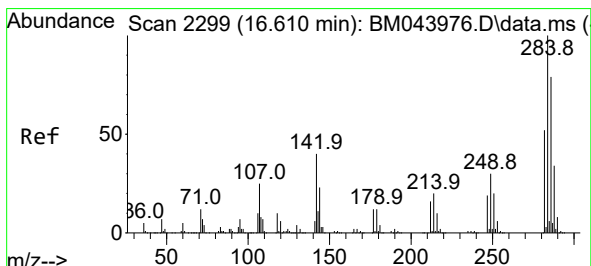
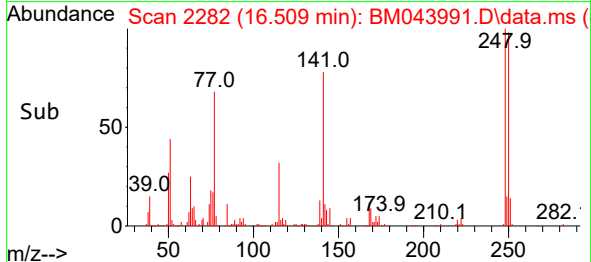
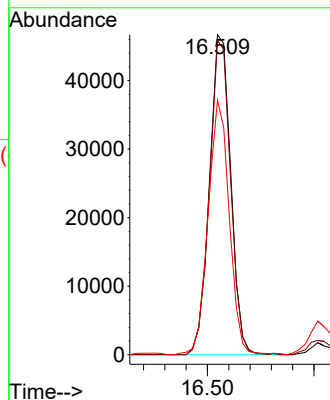
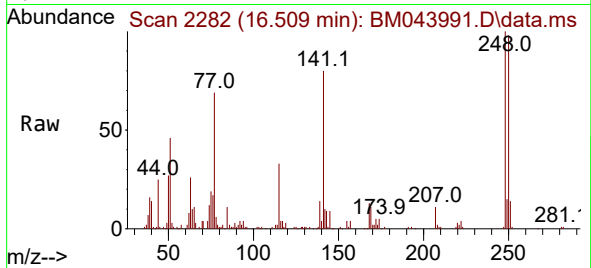




#67
4-Bromophenyl-phenylether
Concen: 3.611 ng
RT: 16.509 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM043991.D
Acq: 06 Feb 2024 14:39

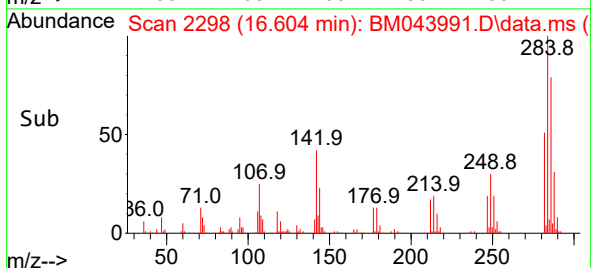
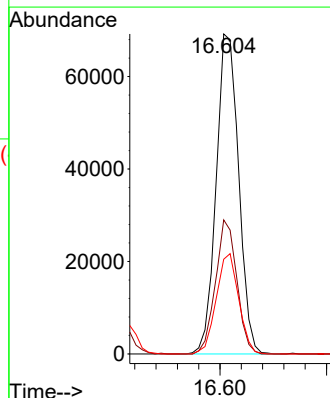
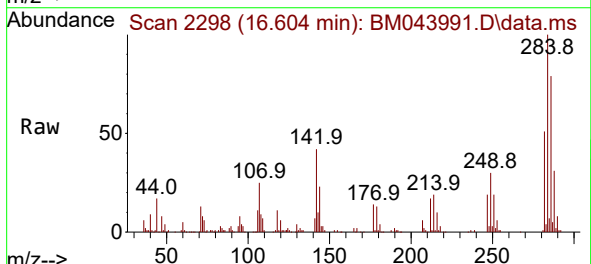
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2023

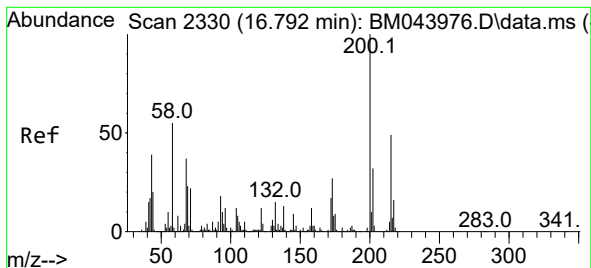
Tgt Ion:248	Resp:	64430
Ion Ratio	Lower	Upper
248	100	
250	98.2	77.0 115.4
141	79.5	59.9 89.9



#68
Hexachlorobenzene
Concen: 4.756 ng
RT: 16.604 min Scan# 2298
Delta R.T. -0.006 min
Lab File: BM043991.D
Acq: 06 Feb 2024 14:39

Tgt Ion:284	Resp:	101180
Ion Ratio	Lower	Upper
284	100	
142	41.9	32.2 48.4
249	29.6	24.4 36.6





#69

Atrazine

Concen: 5.471 ng

RT: 16.786 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM043991.D

Acq: 06 Feb 2024 14:39

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2023

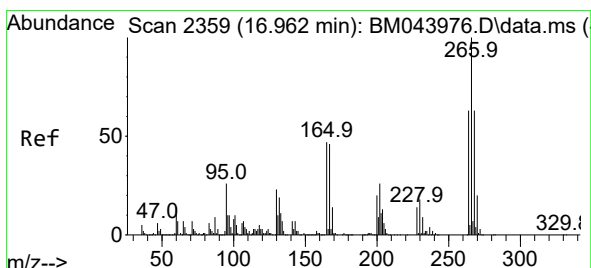
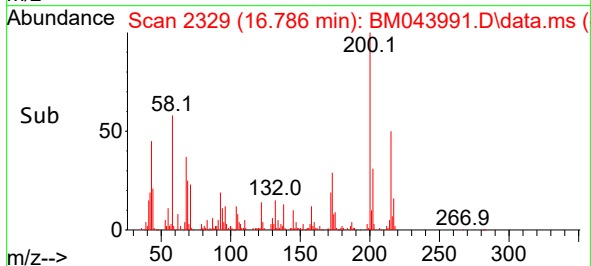
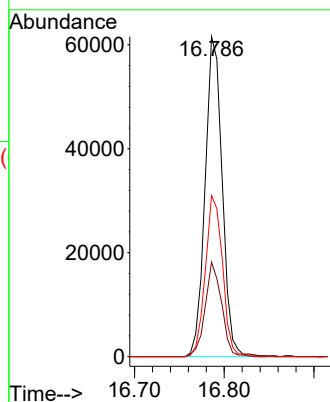
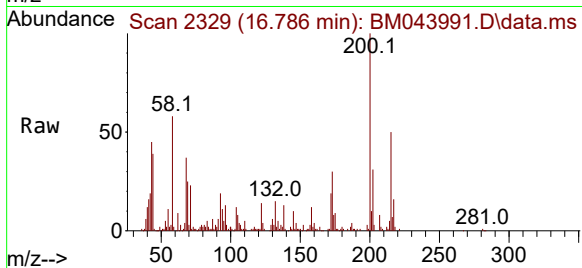
Tgt Ion:200 Resp: 81658

Ion Ratio Lower Upper

200 100

173 29.6 7.3 47.3

215 50.4 28.7 68.7



#70

Pentachlorophenol

Concen: 3.451 ng

RT: 16.956 min Scan# 2358

Delta R.T. -0.006 min

Lab File: BM043991.D

Acq: 06 Feb 2024 14:39

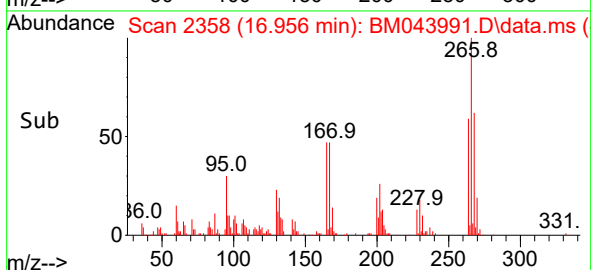
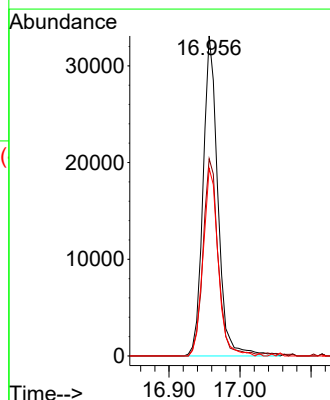
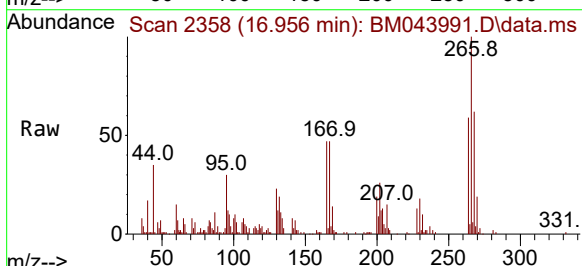
Tgt Ion:266 Resp: 48209

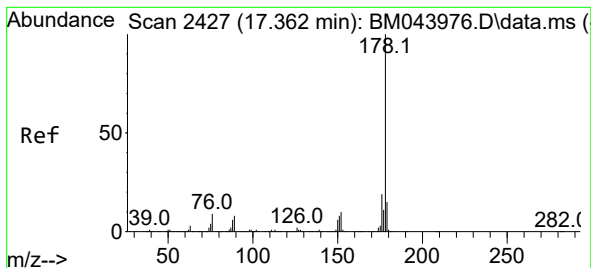
Ion Ratio Lower Upper

266 100

268 61.7 50.6 76.0

264 58.6 50.6 76.0





#71

Phenanthrene

Concen: 5.199 ng

RT: 17.356 min Scan# 2427

Delta R.T. -0.006 min

Lab File: BM043991.D

Acq: 06 Feb 2024 14:39

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2023

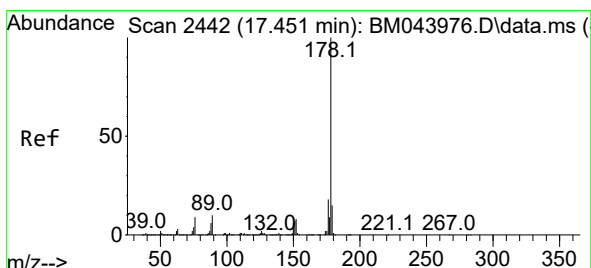
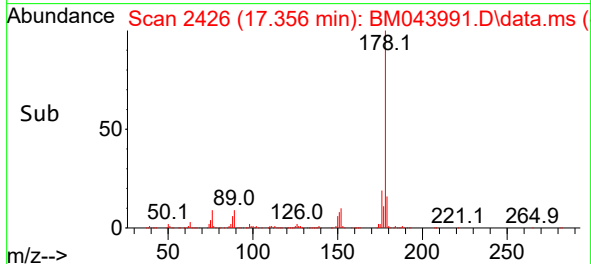
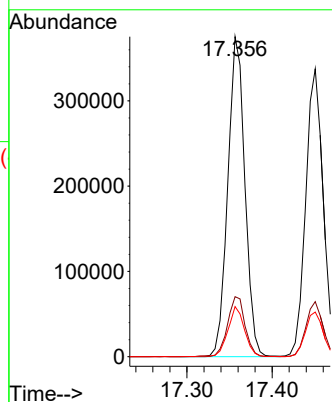
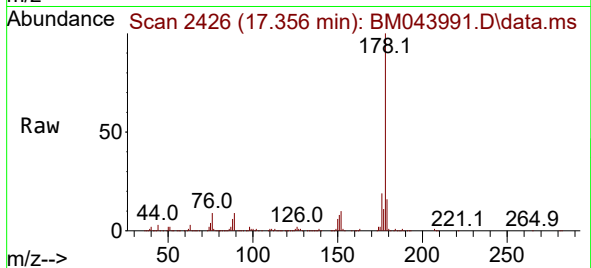
Tgt Ion:178 Resp: 524500

Ion Ratio Lower Upper

178 100

176 18.8 15.3 22.9

179 15.7 12.4 18.6



#72

Anthracene

Concen: 4.896 ng

RT: 17.451 min Scan# 2442

Delta R.T. -0.000 min

Lab File: BM043991.D

Acq: 06 Feb 2024 14:39

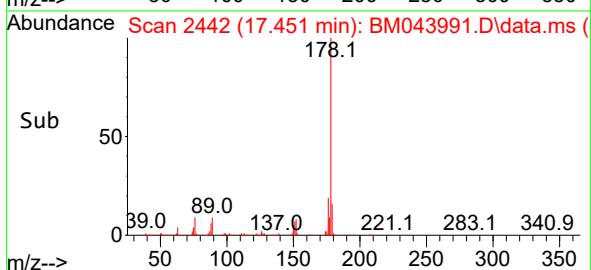
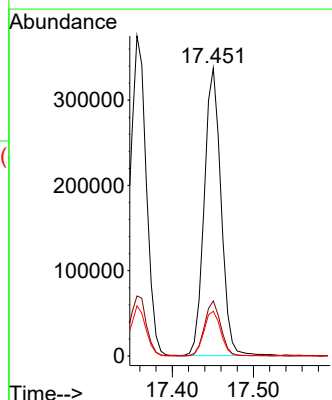
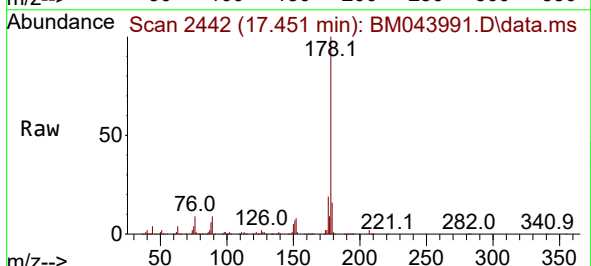
Tgt Ion:178 Resp: 483509

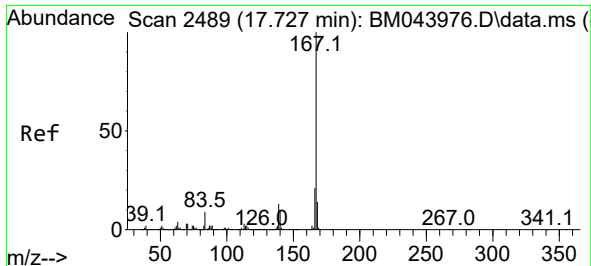
Ion Ratio Lower Upper

178 100

176 19.1 14.6 22.0

179 15.5 12.2 18.4

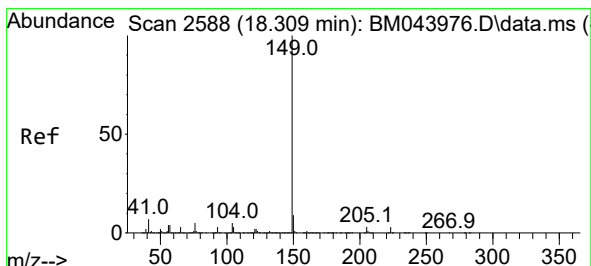
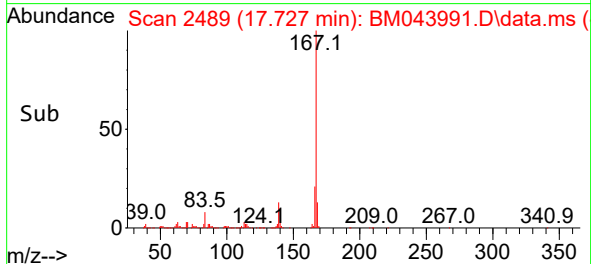
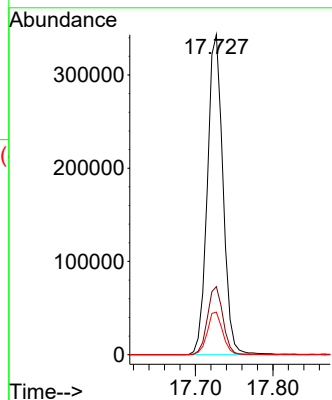
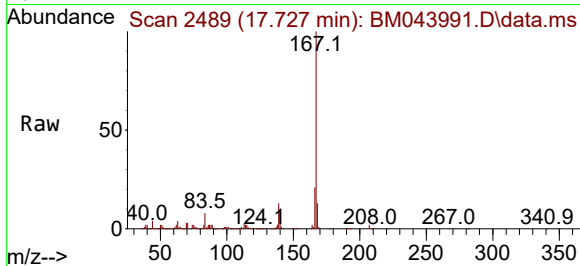




#73
 Carbazole
 Concen: 4.683 ng
 RT: 17.727 min Scan# 2489
 Delta R.T. -0.000 min
 Lab File: BM043991.D
 Acq: 06 Feb 2024 14:39

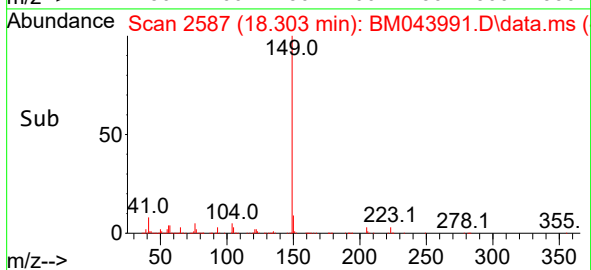
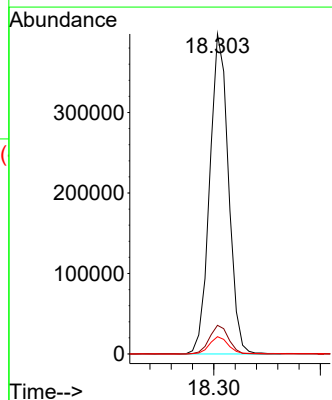
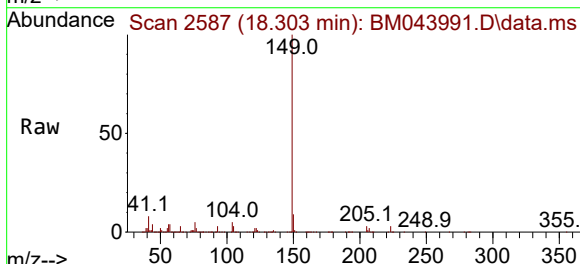
Instrument : BNA_M
 ClientSampleId : LOQ-WATER-02-QT4-2023

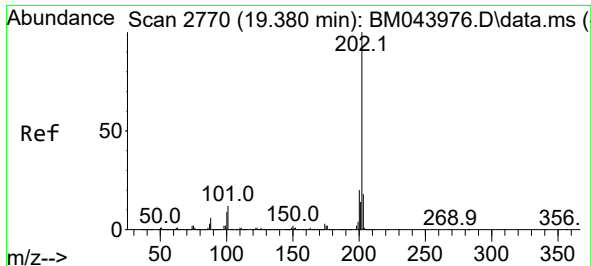
Tgt Ion:167 Resp: 478969
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.1 25.7
 139 13.3 10.6 15.8



#74
 Di-n-butylphthalate
 Concen: 4.338 ng
 RT: 18.303 min Scan# 2587
 Delta R.T. -0.006 min
 Lab File: BM043991.D
 Acq: 06 Feb 2024 14:39

Tgt Ion:149 Resp: 486652
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.4 11.0
 104 5.4 4.1 6.1

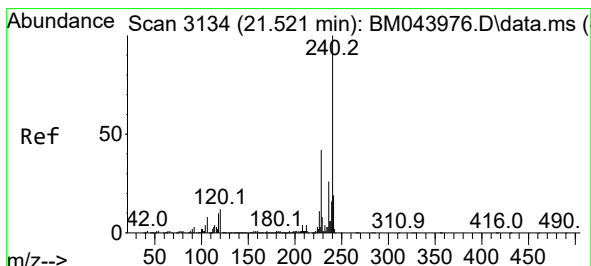
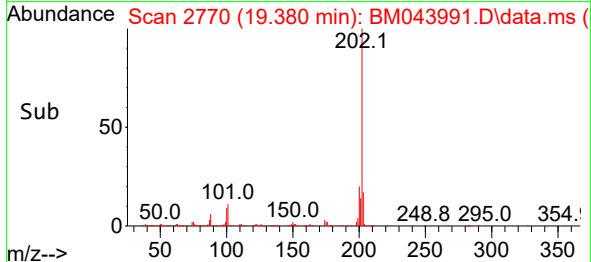
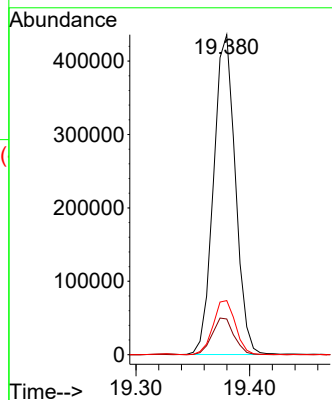
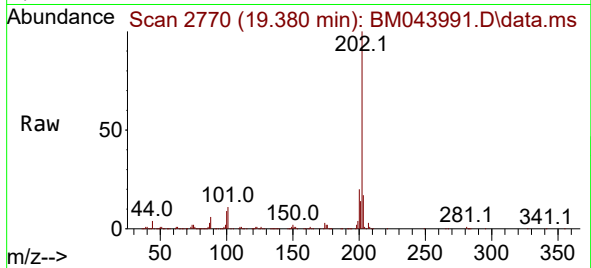




#75
Fluoranthene
Concen: 4.653 ng
RT: 19.380 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM043991.D
Acq: 06 Feb 2024 14:39

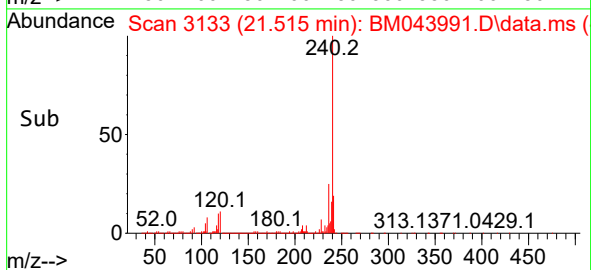
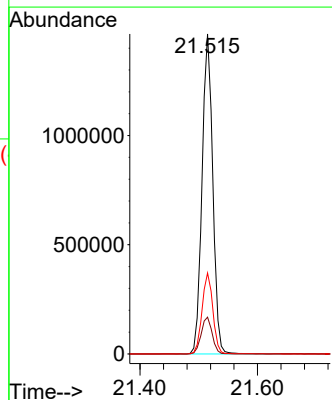
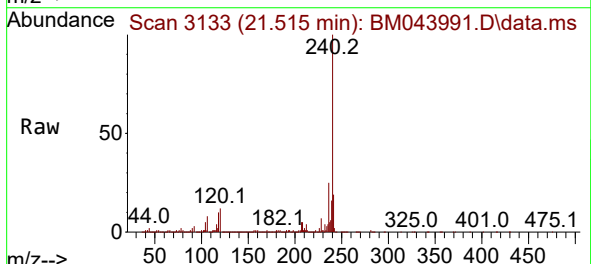
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2023

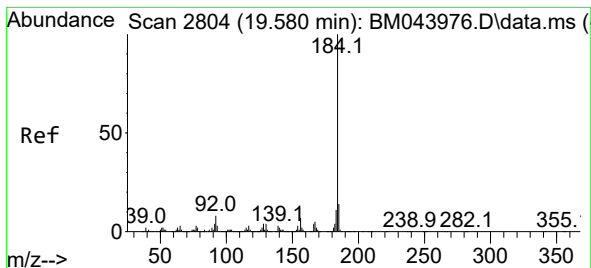
Tgt Ion:202 Resp: 580507
Ion Ratio Lower Upper
202 100
101 11.1 0.0 31.9
203 16.9 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.515 min Scan# 3133
Delta R.T. -0.006 min
Lab File: BM043991.D
Acq: 06 Feb 2024 14:39

Tgt Ion:240 Resp: 1858114
Ion Ratio Lower Upper
240 100
120 11.5 9.3 13.9
236 25.3 20.5 30.7





#77

Benzidine

Concen: 8.682 ng

RT: 19.574 min Scan# 2803

Delta R.T. -0.006 min

Lab File: BM043991.D

Acq: 06 Feb 2024 14:39

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2023

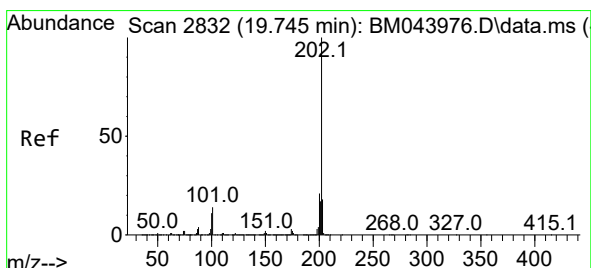
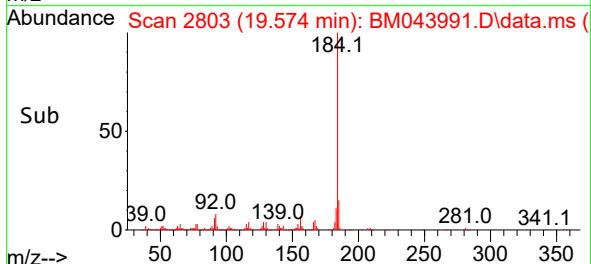
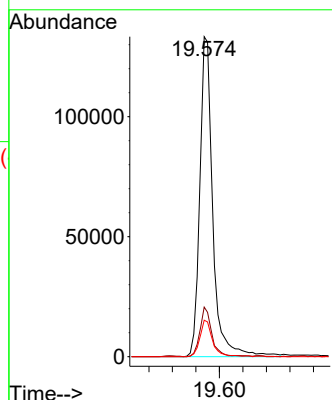
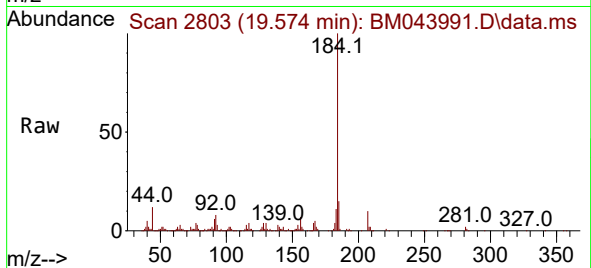
Tgt Ion:184 Resp: 204690

Ion Ratio Lower Upper

184 100

185 15.5 11.5 17.3

183 11.4 8.9 13.3



#78

Pyrene

Concen: 4.844 ng

RT: 19.739 min Scan# 2831

Delta R.T. -0.006 min

Lab File: BM043991.D

Acq: 06 Feb 2024 14:39

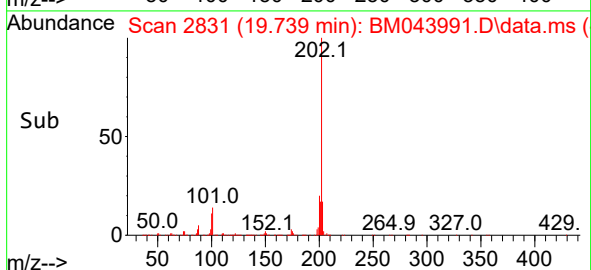
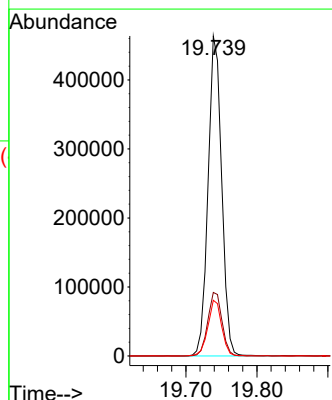
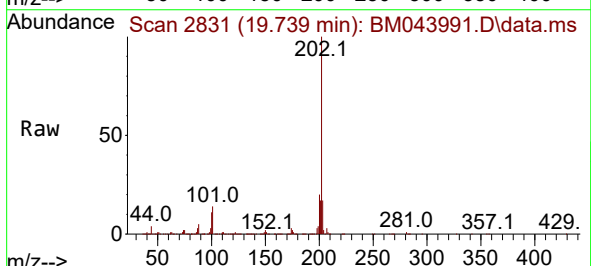
Tgt Ion:202 Resp: 618640

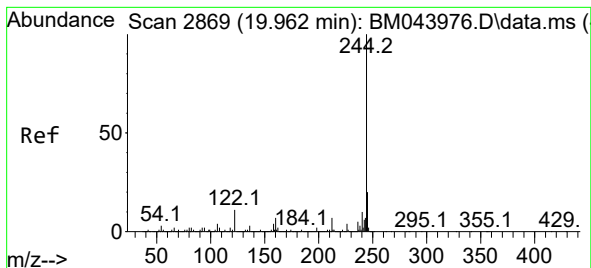
Ion Ratio Lower Upper

202 100

200 19.9 16.8 25.2

203 17.4 14.2 21.4





#79

Terphenyl-d14

Concen: 98.158 ng

RT: 19.956 min Scan# 2

Delta R.T. -0.006 min

Lab File: BM043991.D

Acq: 06 Feb 2024 14:39

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2023

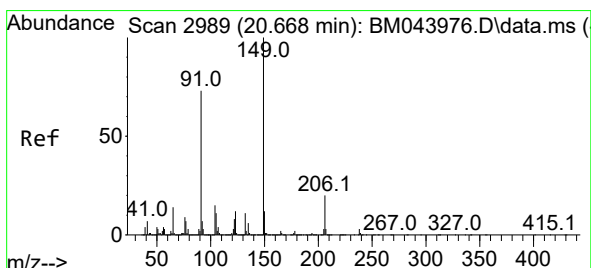
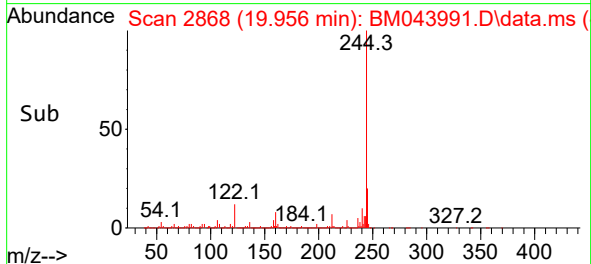
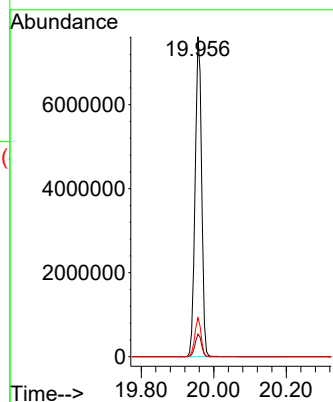
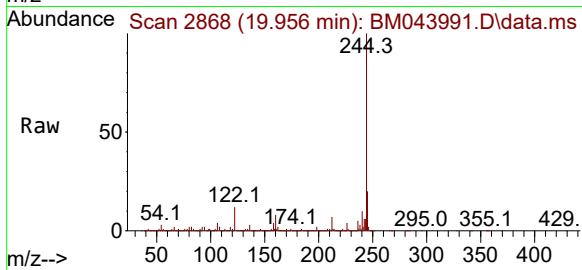
Tgt Ion:244 Resp: 9448135

Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

122 12.2 8.7 13.1



#80

Butylbenzylphthalate

Concen: 4.115 ng

RT: 20.662 min Scan# 2988

Delta R.T. -0.006 min

Lab File: BM043991.D

Acq: 06 Feb 2024 14:39

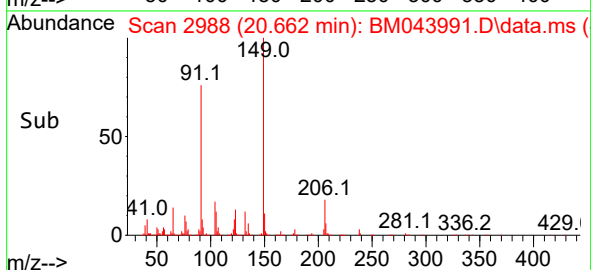
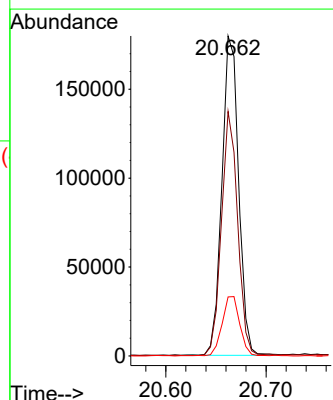
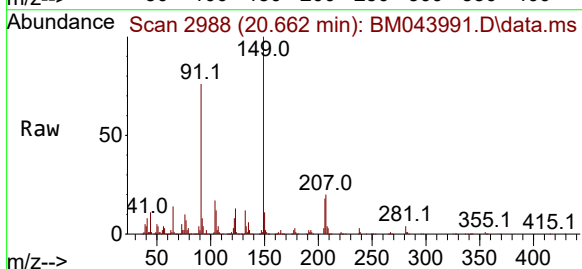
Tgt Ion:149 Resp: 208112

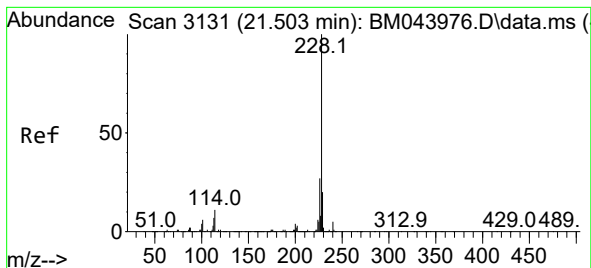
Ion Ratio Lower Upper

149 100

91 76.4 58.4 87.6

206 18.4 15.8 23.6





#81

Benzo(a)anthracene

Concen: 5.032 ng

RT: 21.497 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM043991.D

Acq: 06 Feb 2024 14:39

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2023

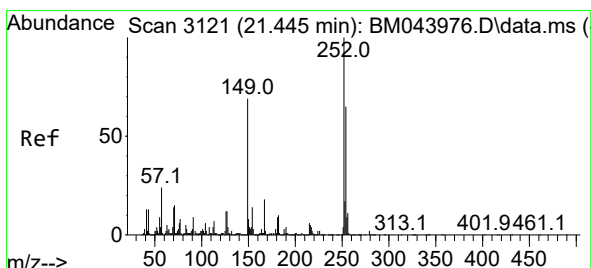
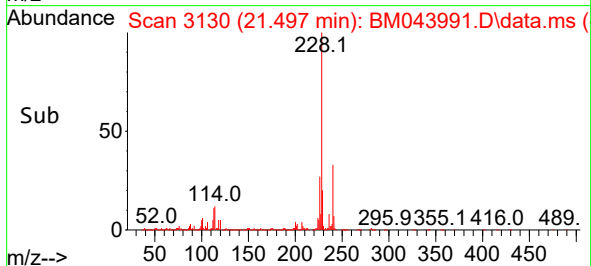
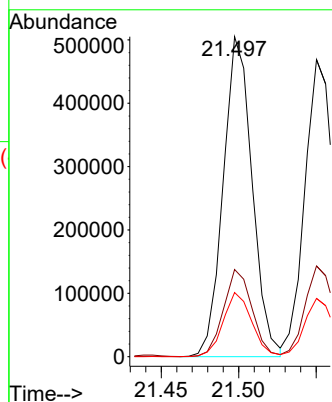
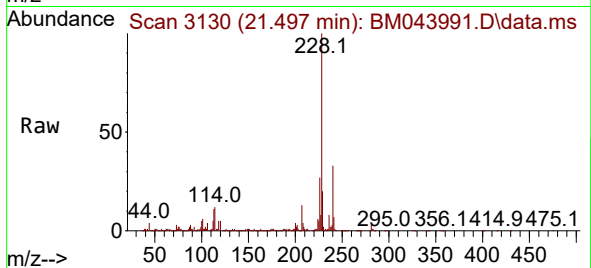
Tgt Ion:228 Resp: 655929

Ion Ratio Lower Upper

228 100

226 27.2 21.8 32.8

229 20.1 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 4.678 ng

RT: 21.439 min Scan# 3120

Delta R.T. -0.006 min

Lab File: BM043991.D

Acq: 06 Feb 2024 14:39

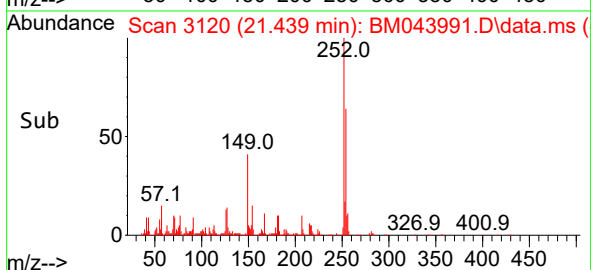
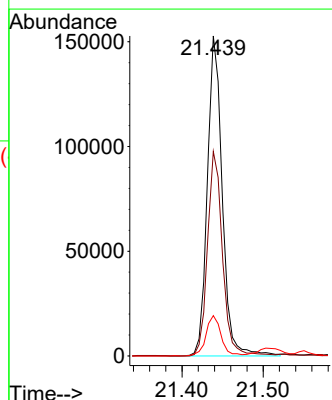
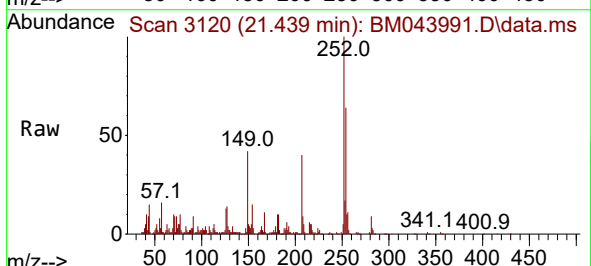
Tgt Ion:252 Resp: 194995

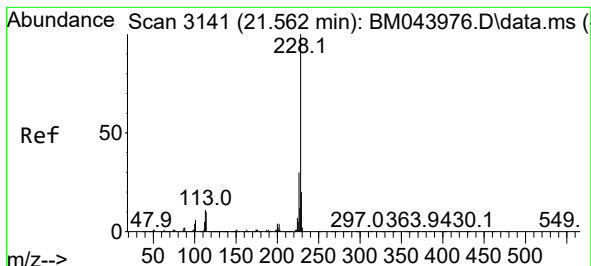
Ion Ratio Lower Upper

252 100

254 63.9 51.6 77.4

126 12.6 9.4 14.2





#83

Chrysene

Concen: 4.951 ng

RT: 21.550 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM043991.D

Acq: 06 Feb 2024 14:39

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2023

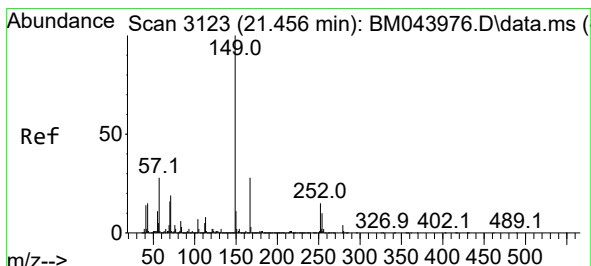
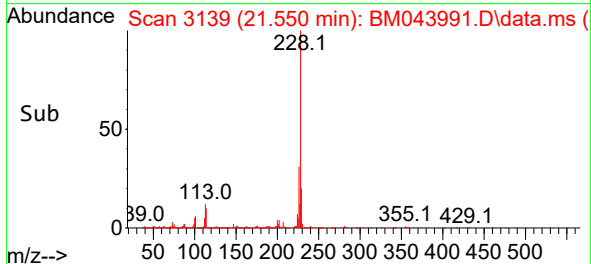
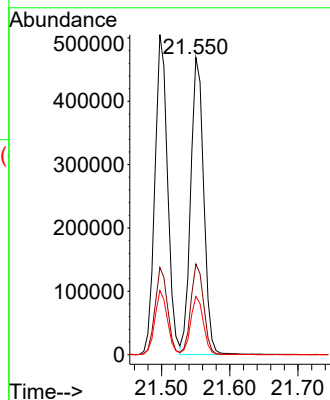
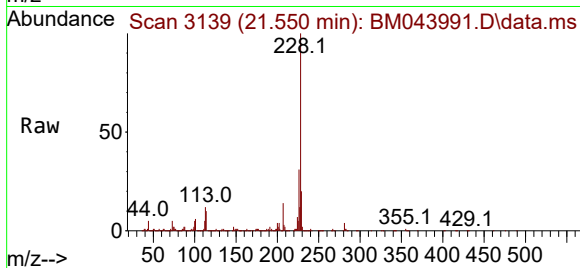
Tgt Ion:228 Resp: 618344

Ion Ratio Lower Upper

228 100

226 30.5 24.2 36.4

229 19.6 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.219 ng

RT: 21.450 min Scan# 3122

Delta R.T. -0.006 min

Lab File: BM043991.D

Acq: 06 Feb 2024 14:39

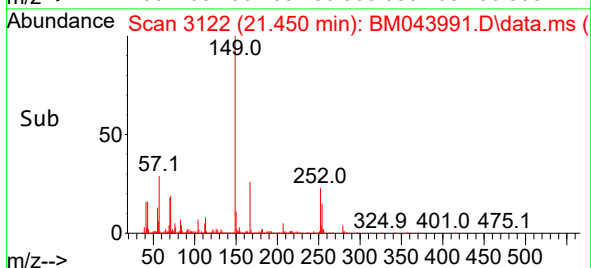
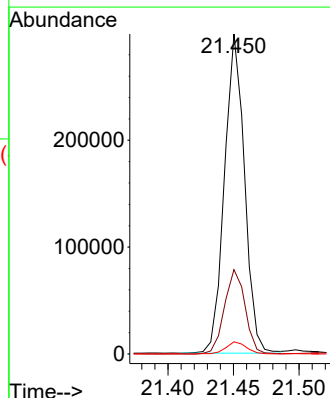
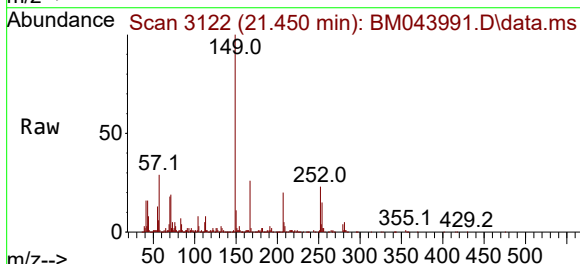
Tgt Ion:149 Resp: 317327

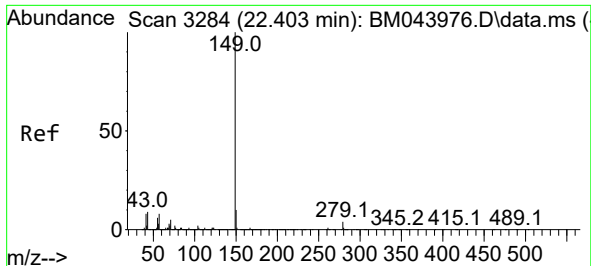
Ion Ratio Lower Upper

149 100

167 26.3 22.0 33.0

279 3.8 3.1 4.7

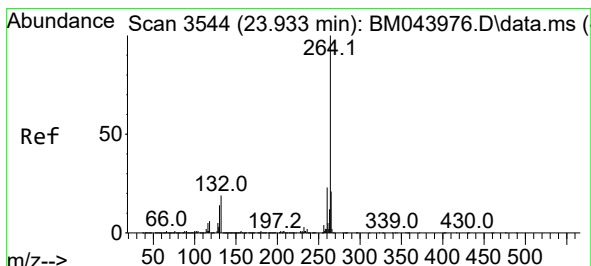
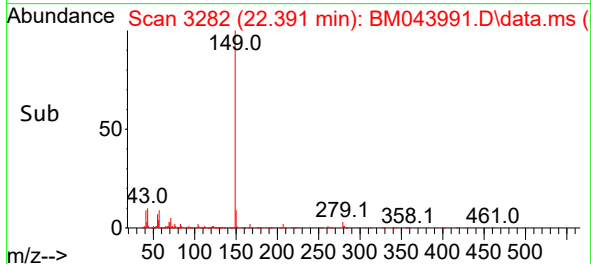
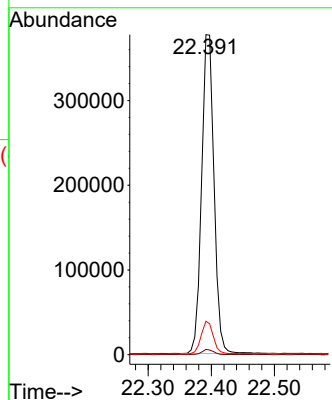
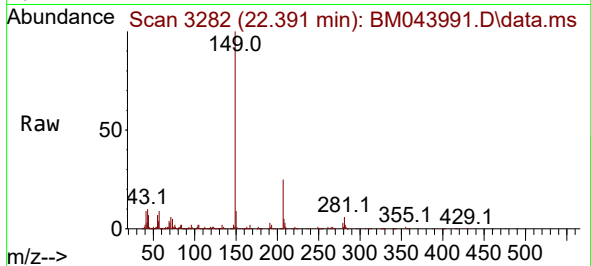




#85
Di-n-octyl phthalate
Concen: 3.964 ng
RT: 22.391 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM043991.D
Acq: 06 Feb 2024 14:39

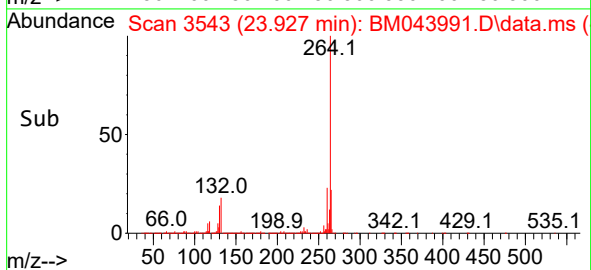
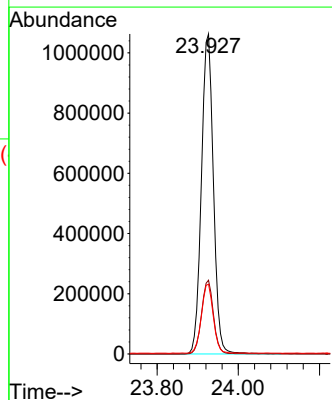
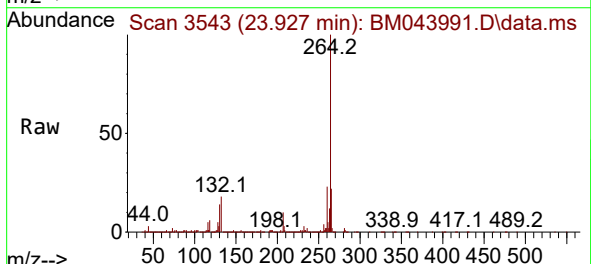
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2023

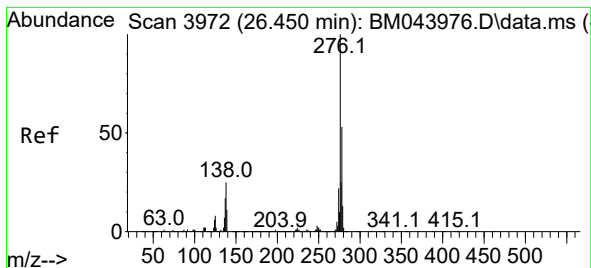
Tgt Ion:149 Resp: 513646
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.0 7.9 11.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.927 min Scan# 3543
Delta R.T. -0.006 min
Lab File: BM043991.D
Acq: 06 Feb 2024 14:39

Tgt Ion:264 Resp: 2179546
Ion Ratio Lower Upper
264 100
260 23.1 18.6 28.0
265 21.8 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.589 ng

RT: 26.421 min Scan# 3972

Delta R.T. -0.030 min

Lab File: BM043991.D

Acq: 06 Feb 2024 14:39

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2023

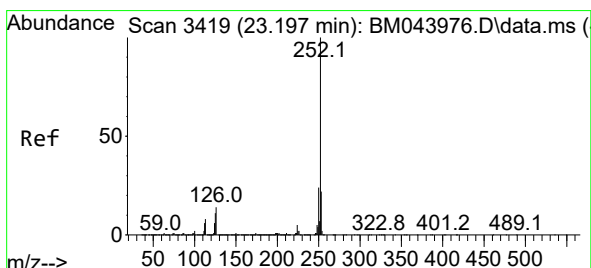
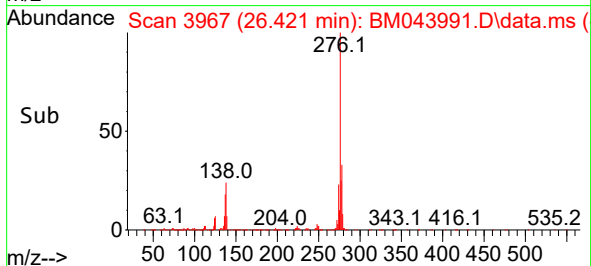
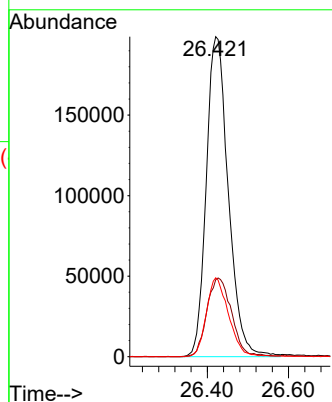
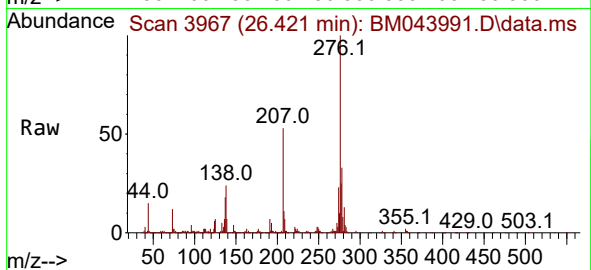
Tgt Ion:276 Resp: 748442

Ion Ratio Lower Upper

276 100

138 27.7 21.8 32.6

277 24.9 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 4.742 ng

RT: 23.191 min Scan# 3418

Delta R.T. -0.006 min

Lab File: BM043991.D

Acq: 06 Feb 2024 14:39

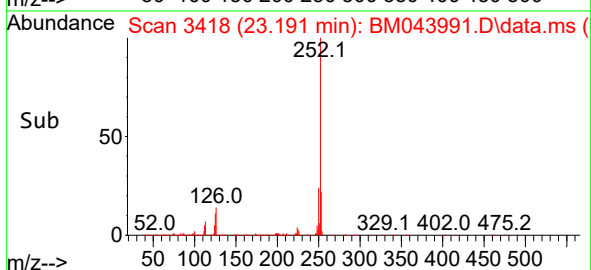
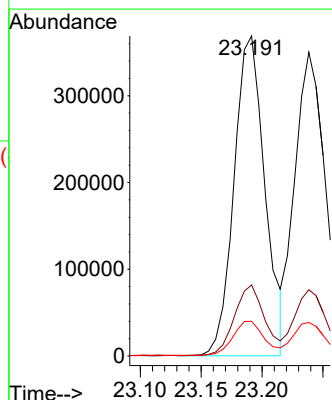
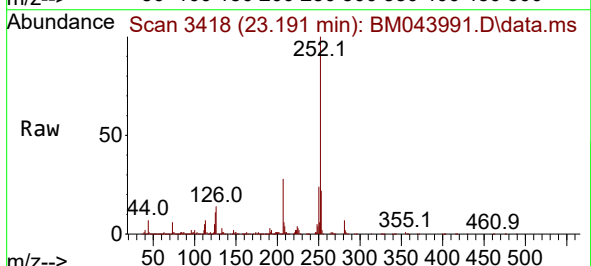
Tgt Ion:252 Resp: 650076

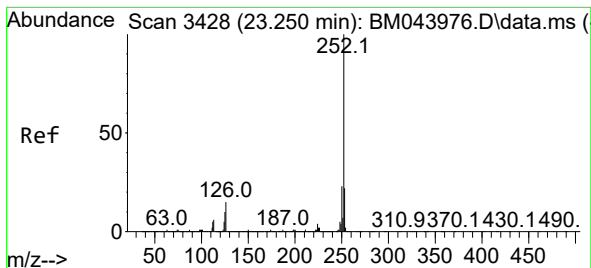
Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 10.8 9.0 13.6





#89

Benzo(k)fluoranthene

Concen: 4.716 ng

RT: 23.238 min Scan# 34

Delta R.T. -0.012 min

Lab File: BM043991.D

Acq: 06 Feb 2024 14:39

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2023

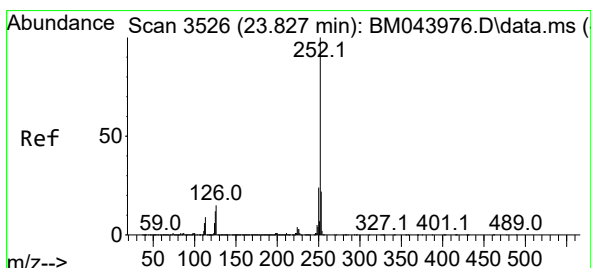
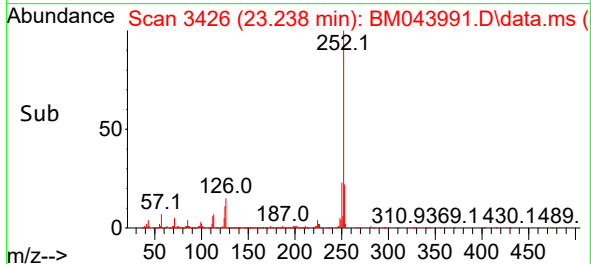
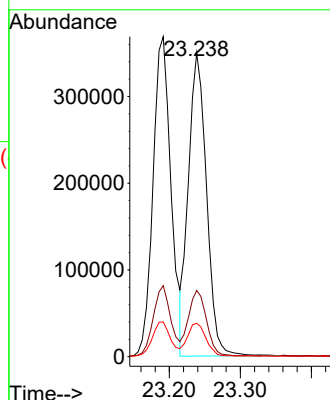
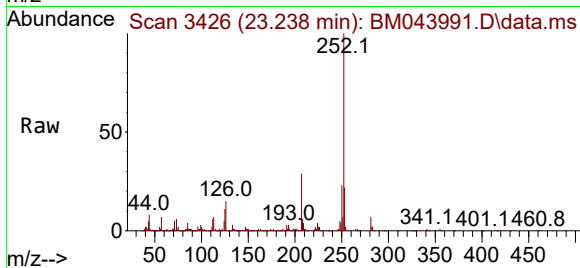
Tgt Ion:252 Resp: 620349

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

125 11.0 8.3 12.5



#90

Benzo(a)pyrene

Concen: 4.556 ng

RT: 23.815 min Scan# 3524

Delta R.T. -0.012 min

Lab File: BM043991.D

Acq: 06 Feb 2024 14:39

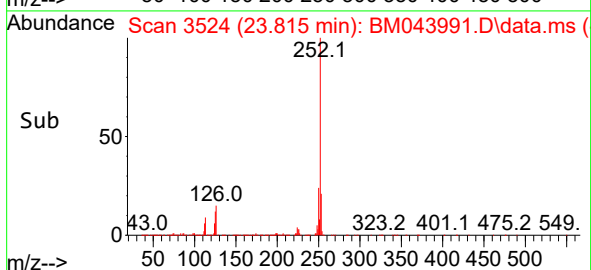
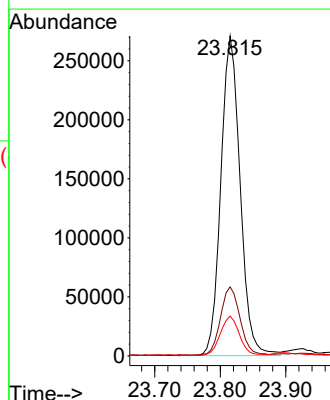
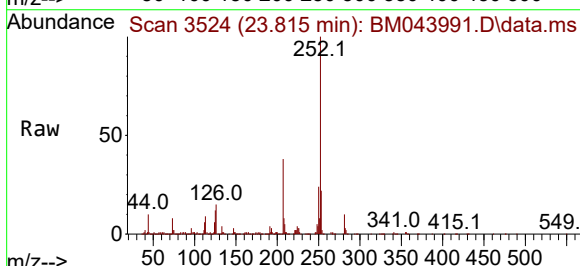
Tgt Ion:252 Resp: 552062

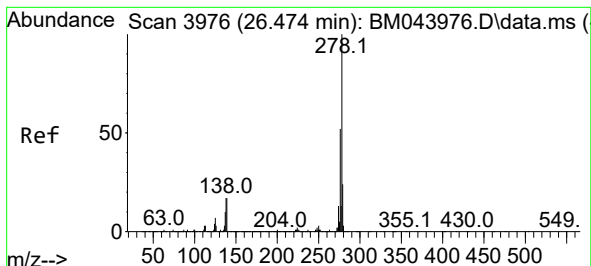
Ion Ratio Lower Upper

252 100

253 21.6 17.7 26.5

125 12.4 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 4.605 ng

RT: 26.450 min Scan# 3976

Delta R.T. -0.024 min

Lab File: BM043991.D

Acq: 06 Feb 2024 14:39

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2023

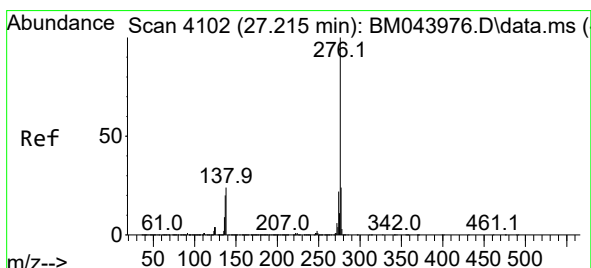
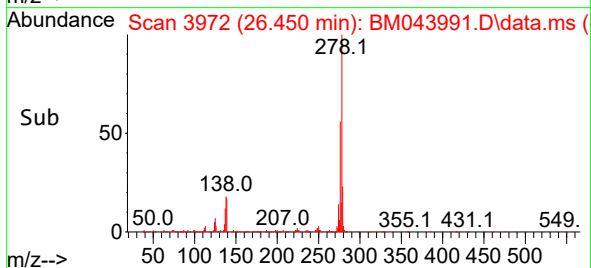
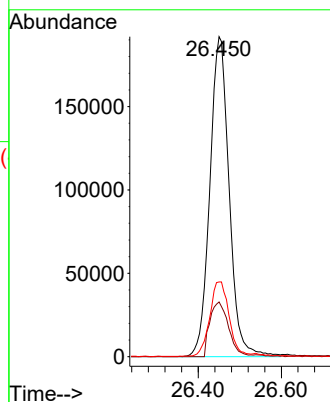
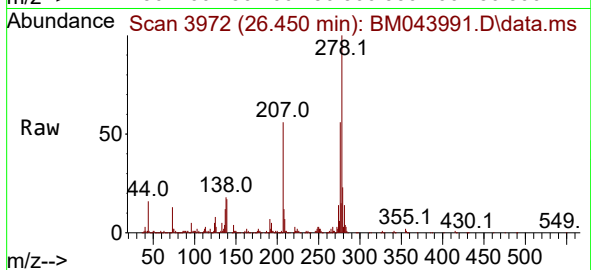
Tgt Ion:278 Resp: 619395

Ion Ratio Lower Upper

278 100

139 17.1 13.7 20.5

279 23.4 19.3 28.9



#92

Benzo(g,h,i)perylene

Concen: 4.430 ng

RT: 27.185 min Scan# 4097

Delta R.T. -0.030 min

Lab File: BM043991.D

Acq: 06 Feb 2024 14:39

Tgt Ion:276 Resp: 607769

Ion Ratio Lower Upper

276 100

277 22.9 19.0 28.4

138 23.5 18.8 28.2

