

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020624\
 Data File : BM043996.D
 Acq On : 06 Feb 2024 17:39
 Operator : MA/JU
 Sample : P1187-08
 Misc : LOQ-SOIL-10PPM
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT1-2024

Quant Time: Feb 07 03:10:34 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	329952	20.000	ng	0.00
21) Naphthalene-d8	10.727	136	1463767	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	913746	20.000	ng	0.00
64) Phenanthrene-d10	17.315	188	1997399	20.000	ng	0.00
76) Chrysene-d12	21.515	240	1941833	20.000	ng	0.00
86) Perylene-d12	23.927	264	2282328	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	3355563	150.182	ng	0.00
7) Phenol-d6	7.087	99	4440077	134.496	ng	0.00
23) Nitrobenzene-d5	9.092	82	2531671	83.374	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	1458401	130.934	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	5805737	87.305	ng	0.00
79) Terphenyl-d14	19.956	244	9651493	95.948	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.399	88	104673	12.122	ng	98
3) Pyridine	3.798	79	257751	9.808	ng	98
4) n-Nitrosodimethylamine	3.716	42	116270	10.292	ng	# 99
6) Aniline	7.251	93	366896	11.170	ng	98
8) 2-Chlorophenol	7.481	128	241247	9.725	ng	98
9) Benzaldehyde	7.069	77	237646	12.455	ng	98
10) Phenol	7.116	94	329806	10.048	ng	98
11) bis(2-Chloroethyl)ether	7.357	93	265185	10.308	ng	99
12) 1,3-Dichlorobenzene	7.810	146	272568	10.177	ng	99
13) 1,4-Dichlorobenzene	7.957	146	279092	10.304	ng	97
14) 1,2-Dichlorobenzene	8.269	146	265752	9.948	ng	97
15) Benzyl Alcohol	8.169	79	221461	9.787	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.457	45	363195	10.528	ng	98
17) 2-Methylphenol	8.363	107	199489	9.508	ng	95
18) Hexachloroethane	8.992	117	101902	10.025	ng	96
19) n-Nitroso-di-n-propyla...	8.733	70	211831	9.752	ng	99
20) 3+4-Methylphenols	8.692	107	277277	9.363	ng	99
22) Acetophenone	8.751	105	418986	10.564	ng	# 98
24) Nitrobenzene	9.133	77	306457	10.059	ng	100
25) Isophorone	9.657	82	548156	9.697	ng	100
26) 2-Nitrophenol	9.839	139	107800	8.755	ng	97
27) 2,4-Dimethylphenol	9.904	122	182399	10.788	ng	97
28) bis(2-Chloroethoxy)met...	10.151	93	368314	10.670	ng	100
29) 2,4-Dichlorophenol	10.369	162	211853	9.824	ng	98
30) 1,2,4-Trichlorobenzene	10.586	180	248075	10.185	ng	99
31) Naphthalene	10.775	128	825151	10.114	ng	99
32) Benzoic acid	9.975	122	104025	11.492	ng	98
33) 4-Chloroaniline	10.892	127	353600	10.544	ng	99
34) Hexachlorobutadiene	11.051	225	134823	10.149	ng	97
35) Caprolactam	11.669	113	72614	8.211	ng	93
36) 4-Chloro-3-methylphenol	12.010	107	256044	9.696	ng	99
37) 2-Methylnaphthalene	12.386	142	567082	9.967	ng	99
38) 1-Methylnaphthalene	12.604	142	555324	9.777	ng	99
40) 1,2,4,5-Tetrachloroben...	12.751	216	278564	10.749	ng	100
41) Hexachlorocyclopentadiene	12.721	237	99461	11.669	ng	100
43) 2,4,6-Trichlorophenol	12.998	196	167761	9.579	ng	96

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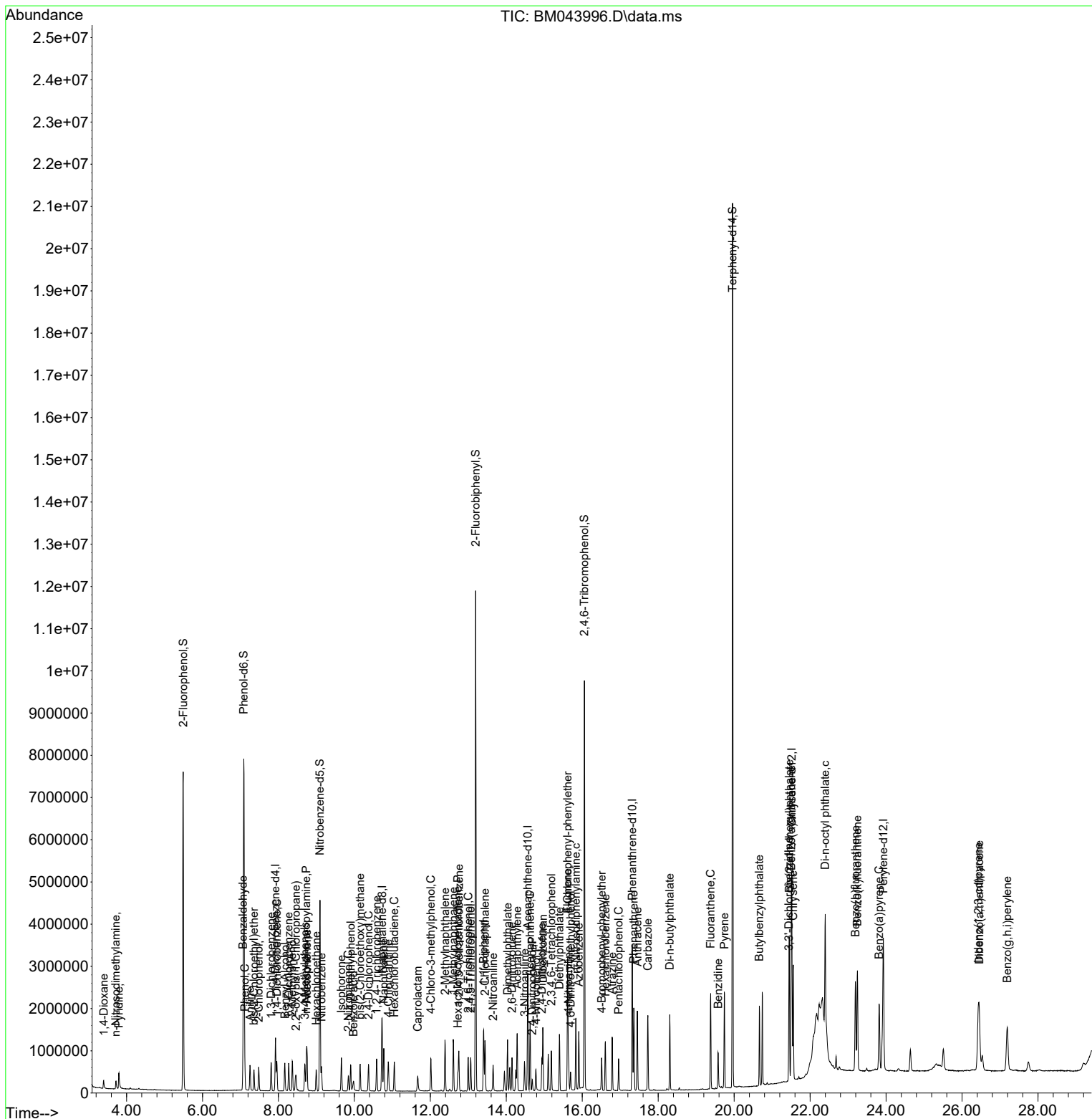
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.063	196	192880	9.653	ng	98
46) 1,1'-Biphenyl	13.404	154	766742	10.671	ng	99
47) 2-Chloronaphthalene	13.439	162	585248	10.213	ng	99
48) 2-Nitroaniline	13.651	65	164669	8.835	ng	98
49) Acenaphthylene	14.286	152	944307	10.780	ng	99
50) Dimethylphthalate	14.033	163	734973	10.355	ng	100
51) 2,6-Dinitrotoluene	14.151	165	143339	9.188	ng	96
52) Acenaphthene	14.627	154	563891	10.155	ng	99
53) 3-Nitroaniline	14.480	138	161381	8.910	ng	96
54) 2,4-Dinitrophenol	14.686	184	49547	12.068	ng	98
55) Dibenzofuran	14.962	168	916627	10.607	ng	100
56) 4-Nitrophenol	14.780	139	129157	8.160	ng	96
57) 2,4-Dinitrotoluene	14.933	165	180773	8.324	ng	95
58) Fluorene	15.615	166	743528	10.188	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.186	232	168690	9.793	ng	98
60) Diethylphthalate	15.398	149	730392	9.941	ng	98
61) 4-Chlorophenyl-phenyle...	15.615	204	351637	10.328	ng	100
62) 4-Nitroaniline	15.639	138	168397	8.504	ng	99
63) Azobenzene	15.909	77	745659	10.161	ng	99
65) 4,6-Dinitro-2-methylph...	15.692	198	75882	11.552	ng	90
66) n-Nitrosodiphenylamine	15.833	169	627394	10.545	ng	99
67) 4-Bromophenyl-phenylether	16.509	248	129113	6.562	ng	96
68) Hexachlorobenzene	16.609	284	227657	9.704	ng	99
69) Atrazine	16.792	200	201704	12.254	ng	99
70) Pentachlorophenol	16.956	266	118830	7.714	ng	95
71) Phenanthrene	17.356	178	1170338	10.520	ng	99
72) Anthracene	17.451	178	1123341	10.314	ng	100
73) Carbazole	17.727	167	1081168	9.585	ng	99
74) Di-n-butylphthalate	18.303	149	1205537	9.745	ng	99
75) Fluoranthene	19.380	202	1308274	9.509	ng	99
77) Benzidine	19.580	184	510089	20.704	ng	99
78) Pyrene	19.745	202	1406450	10.537	ng	99
80) Butylbenzylphthalate	20.662	149	510250	9.654	ng	95
81) Benzo(a)anthracene	21.503	228	1416249	10.396	ng	99
82) 3,3'-Dichlorobenzidine	21.439	252	450395	10.340	ng	99
83) Chrysene	21.556	228	1326247	10.162	ng	99
84) Bis(2-ethylhexyl)phtha...	21.450	149	796696	10.136	ng	99
85) Di-n-octyl phthalate	22.397	149	1697225	12.534	ng	99
87) Indeno(1,2,3-cd)pyrene	26.426	276	1642909	9.620	ng	99
88) Benzo(b)fluoranthene	23.191	252	1473864	10.266	ng	100
89) Benzo(k)fluoranthene	23.244	252	1470651	10.677	ng	99
90) Benzo(a)pyrene	23.815	252	1252173	9.868	ng	100
91) Dibenzo(a,h)anthracene	26.456	278	1386007	9.841	ng	100
92) Benzo(g,h,i)perylene	27.191	276	1324640	9.221	ng	99

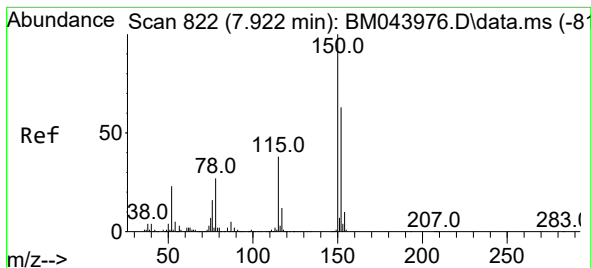
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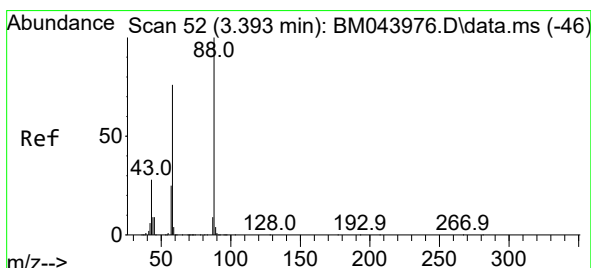
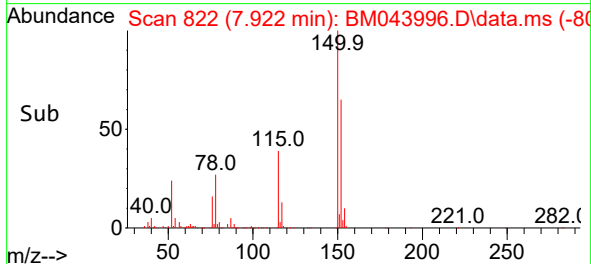
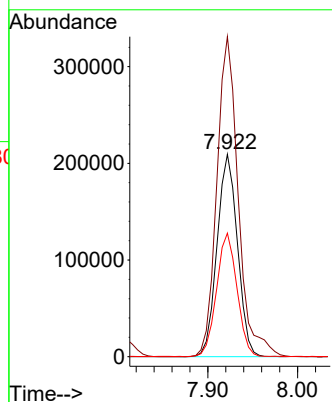
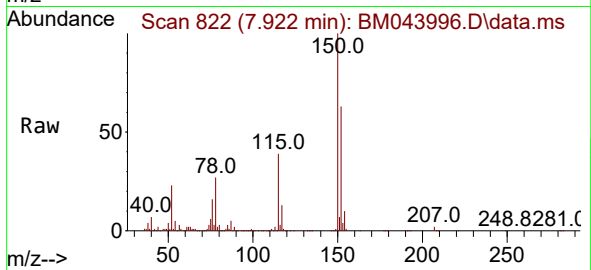




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.922 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM043996.D
Acq: 06 Feb 2024 17:39

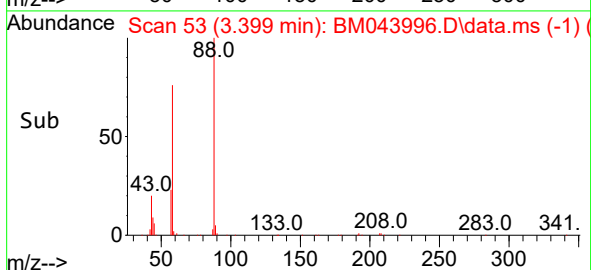
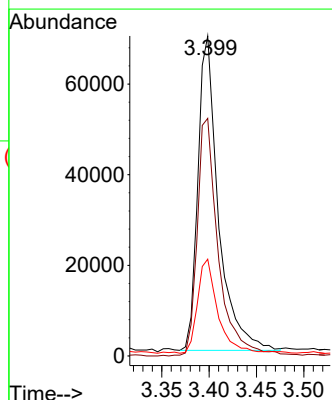
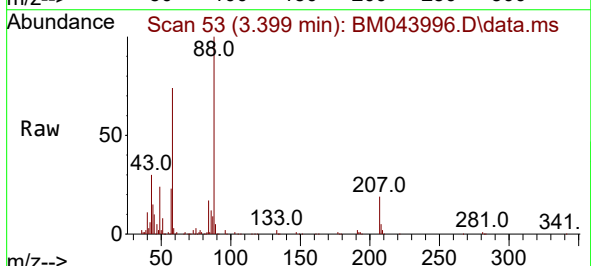
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BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2024

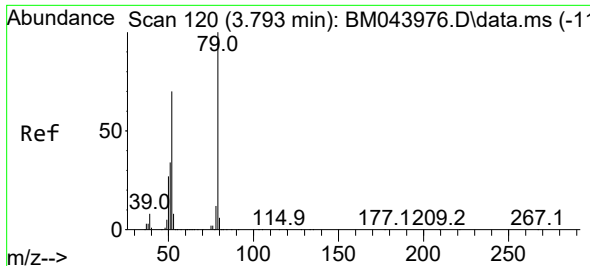
Tgt Ion:152 Resp: 329952
Ion Ratio Lower Upper
152 100
150 158.1 126.1 189.1
115 61.0 48.2 72.2



#2
1,4-Dioxane
Concen: 12.122 ng
RT: 3.399 min Scan# 53
Delta R.T. 0.006 min
Lab File: BM043996.D
Acq: 06 Feb 2024 17:39

Tgt Ion: 88 Resp: 104673
Ion Ratio Lower Upper
88 100
58 78.0 61.0 91.6
43 29.3 23.0 34.6

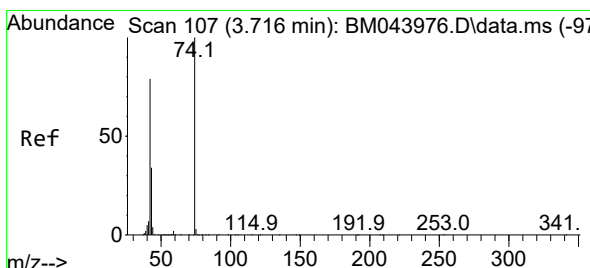
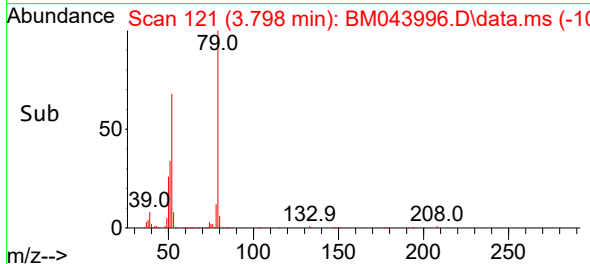
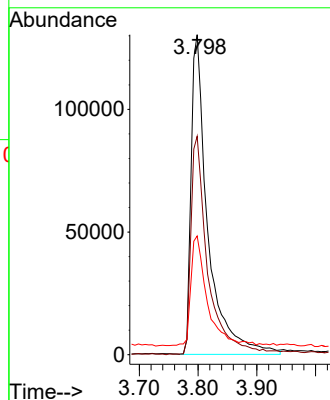
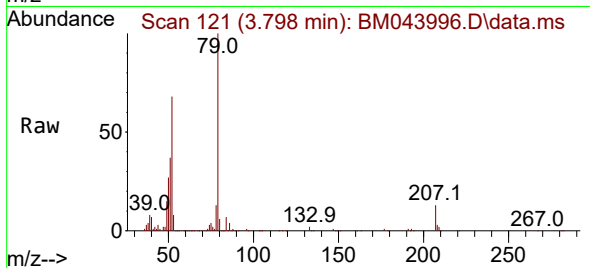




#3
Pyridine
Concen: 9.808 ng
RT: 3.798 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM043996.D
Acq: 06 Feb 2024 17:39

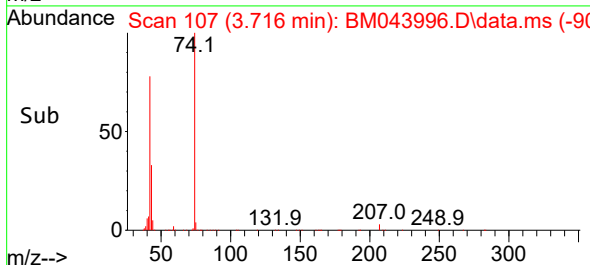
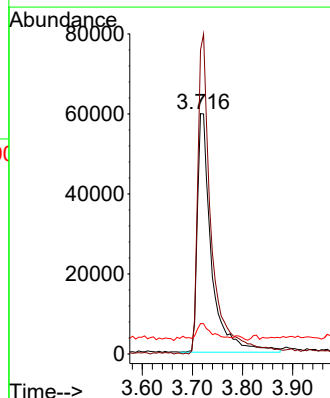
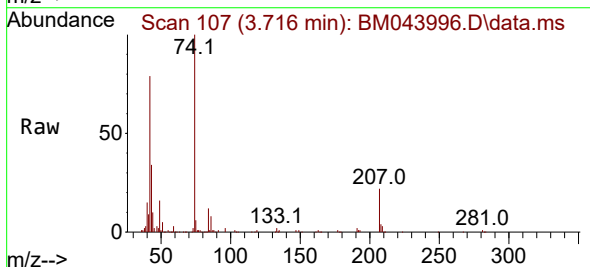
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2024

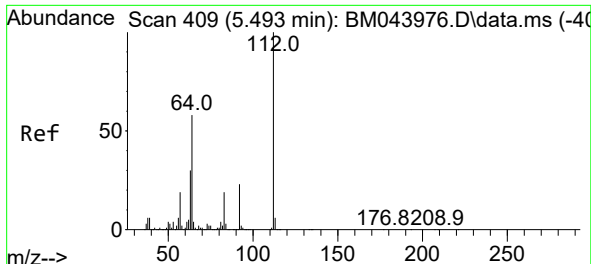
Tgt Ion: 79 Resp: 257751
Ion Ratio Lower Upper
79 100
52 68.2 55.9 83.9
51 37.1 28.2 42.2



#4
n-Nitrosodimethylamine
Concen: 10.292 ng
RT: 3.716 min Scan# 107
Delta R.T. -0.000 min
Lab File: BM043996.D
Acq: 06 Feb 2024 17:39

Tgt Ion: 42 Resp: 116270
Ion Ratio Lower Upper
42 100
74 126.5 100.7 151.1
44 12.7 7.3 10.9#

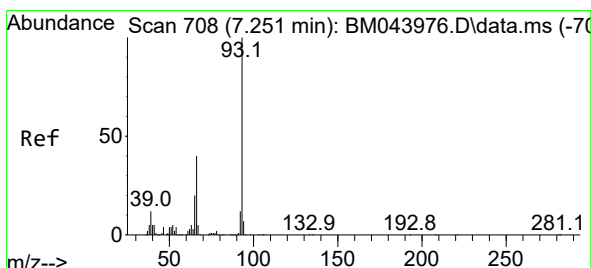
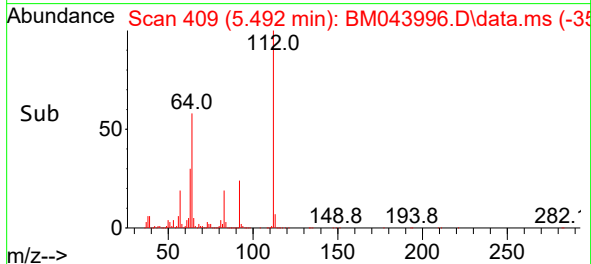
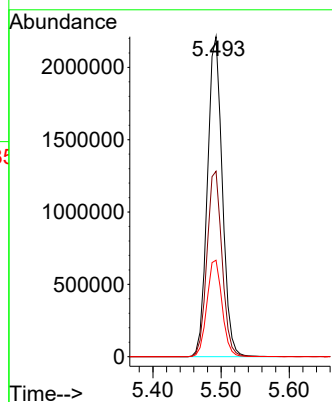
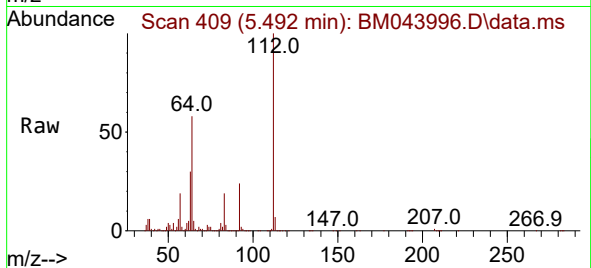




#5
2-Fluorophenol
Concen: 150.182 ng
RT: 5.492 min Scan# 409
Delta R.T. -0.001 min
Lab File: BM043996.D
Acq: 06 Feb 2024 17:39

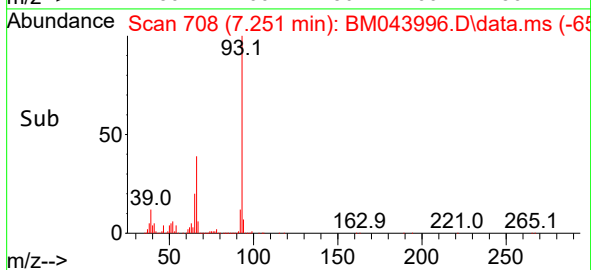
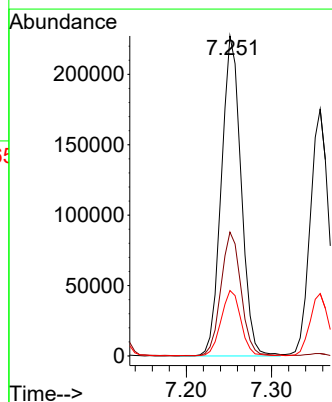
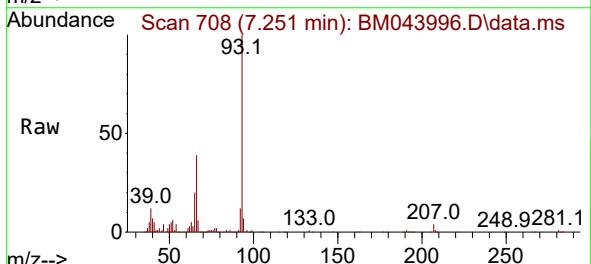
Instrument :
BNA_M
ClientSampleId :
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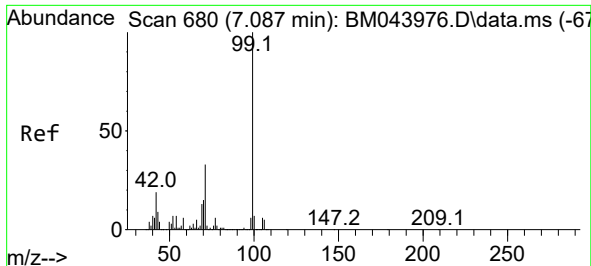
Tgt Ion:112 Resp: 3355563
Ion Ratio Lower Upper
112 100
64 58.0 46.6 70.0
63 30.2 24.2 36.4



#6
Aniline
Concen: 11.170 ng
RT: 7.251 min Scan# 708
Delta R.T. -0.000 min
Lab File: BM043996.D
Acq: 06 Feb 2024 17:39

Tgt Ion: 93 Resp: 366896
Ion Ratio Lower Upper
93 100
66 38.7 32.2 48.2
65 20.4 15.8 23.8



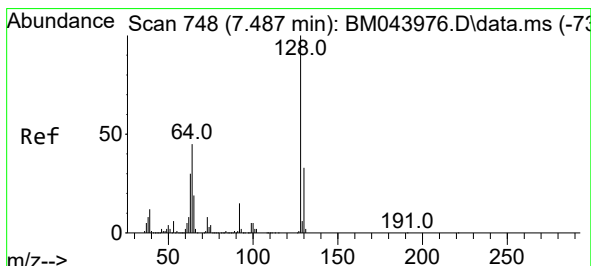
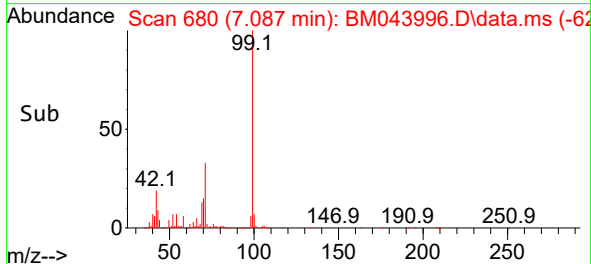
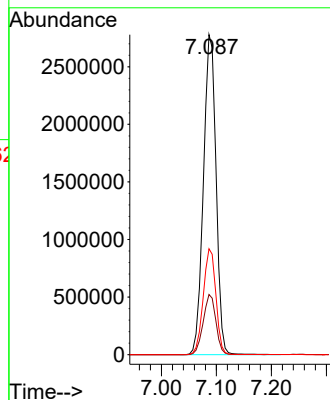
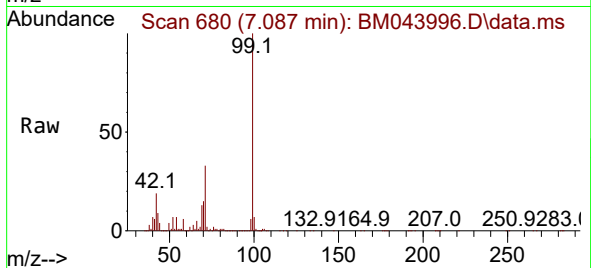


#7
Phenol-d6
Concen: 134.496 ng
RT: 7.087 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM043996.D
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ClientSampleId :
LOQ-WATER-02-QT1-2024

Tgt Ion: 99 Resp: 4440077

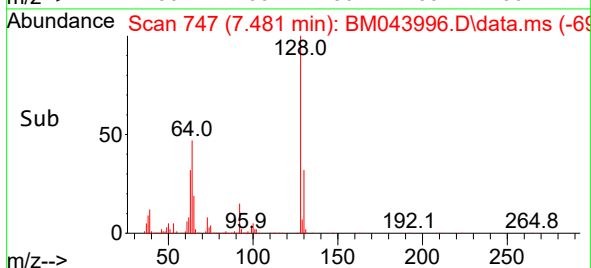
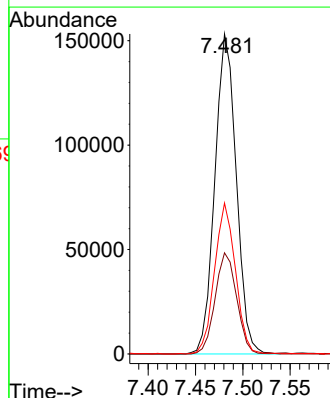
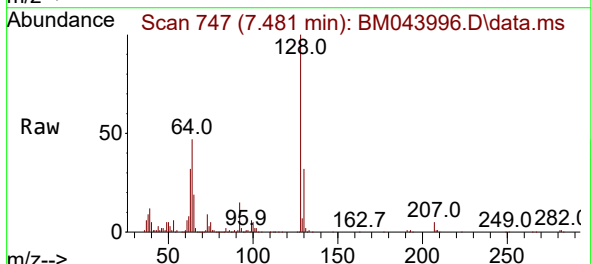
Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.9	22.3
71	33.1	26.3	39.5

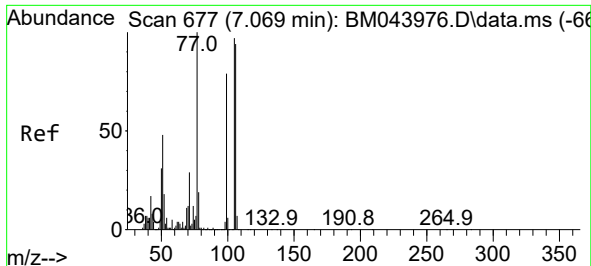


#8
2-Chlorophenol
Concen: 9.725 ng
RT: 7.481 min Scan# 747
Delta R.T. -0.006 min
Lab File: BM043996.D
Acq: 06 Feb 2024 17:39

Tgt Ion:128 Resp: 241247

Ion	Ratio	Lower	Upper
128	100		
130	31.6	12.9	52.9
64	47.2	25.6	65.6

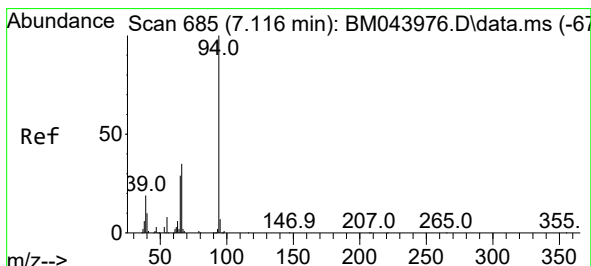
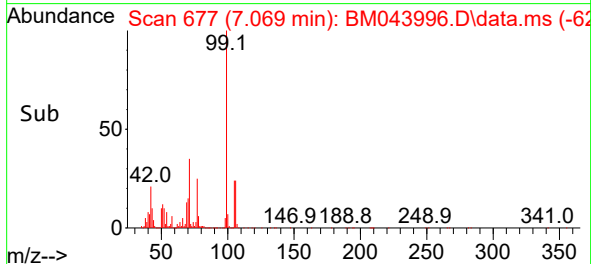
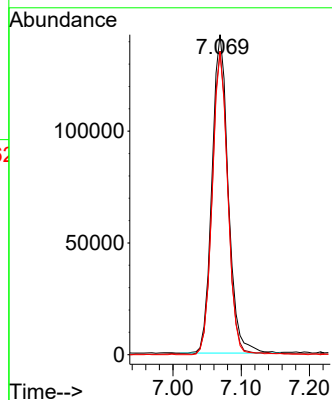
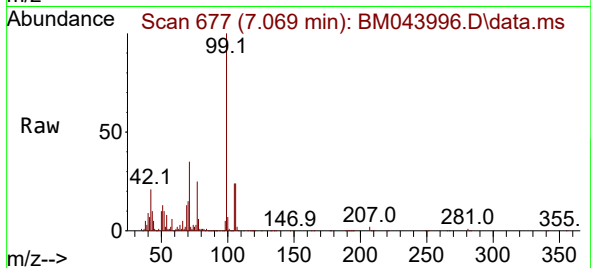




#9
Benzaldehyde
Concen: 12.455 ng
RT: 7.069 min Scan# 611
Delta R.T. -0.000 min
Lab File: BM043996.D
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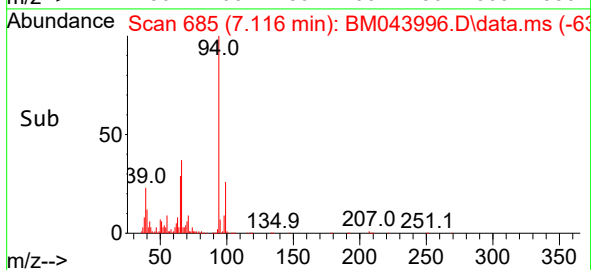
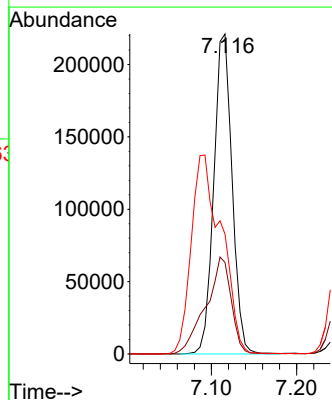
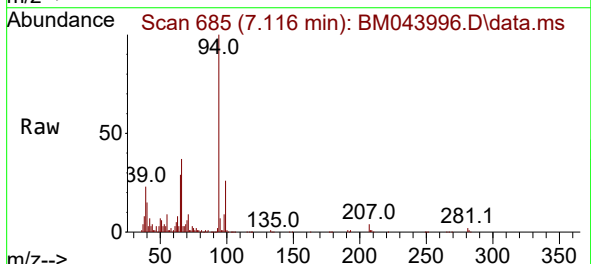
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ClientSampleId : LOQ-WATER-02-QT1-2024

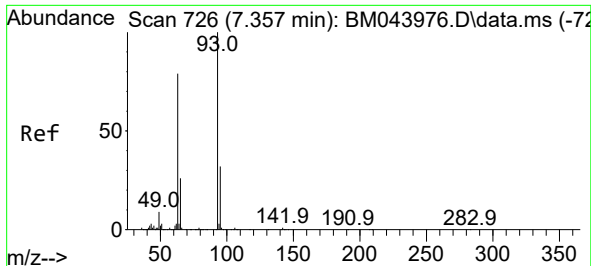
Tgt Ion: 77 Resp: 237646
Ion Ratio Lower Upper
77 100
105 94.9 77.4 117.4
106 94.6 73.5 113.5



#10
Phenol
Concen: 10.048 ng
RT: 7.116 min Scan# 685
Delta R.T. -0.000 min
Lab File: BM043996.D
Acq: 06 Feb 2024 17:39

Tgt Ion: 94 Resp: 329806
Ion Ratio Lower Upper
94 100
65 28.6 9.3 49.3
66 37.5 15.7 55.7

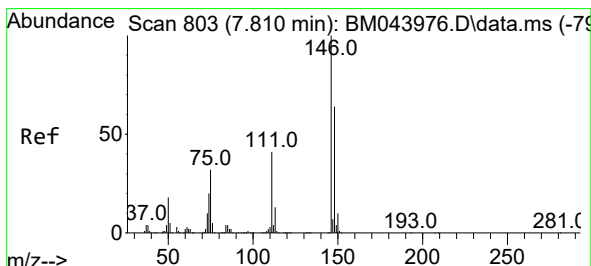
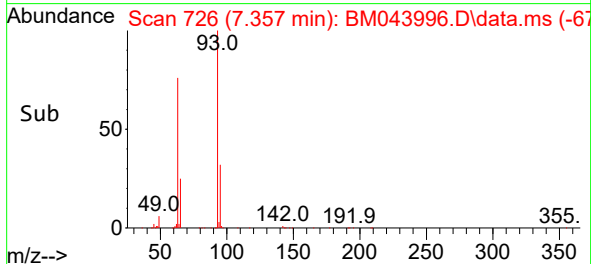
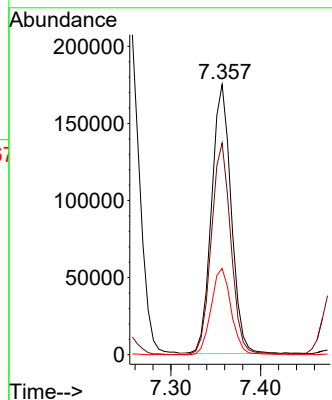
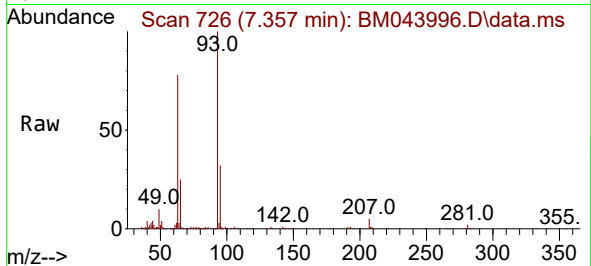




#11
bis(2-Chloroethyl)ether
Concen: 10.308 ng
RT: 7.357 min Scan# 726
Delta R.T. -0.000 min
Lab File: BM043996.D
Acq: 06 Feb 2024 17:39

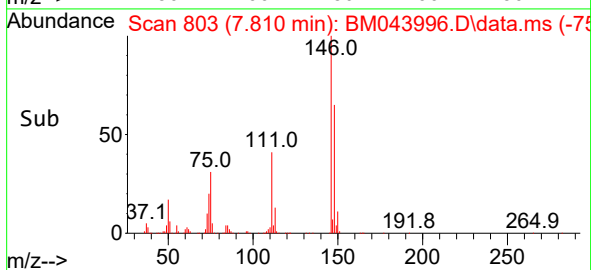
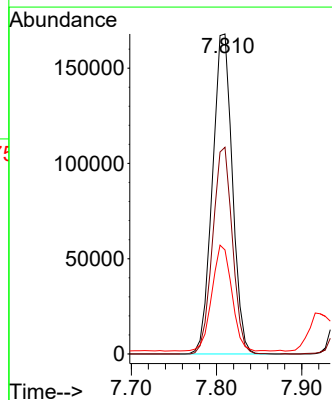
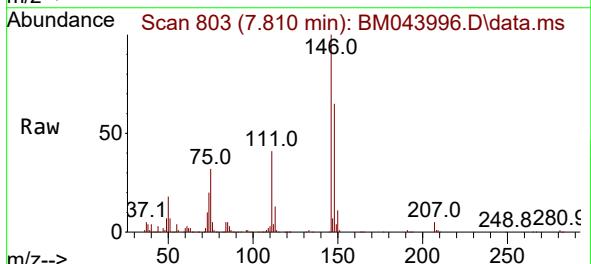
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2024

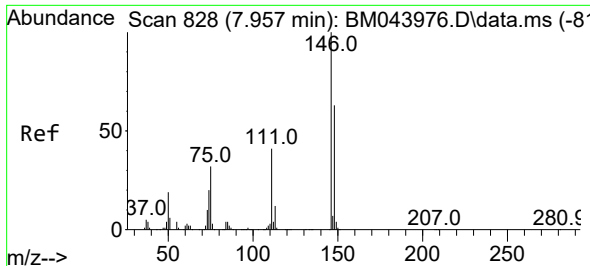
Tgt Ion: 93 Resp: 265185
Ion Ratio Lower Upper
93 100
63 78.3 59.0 99.0
95 31.9 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 10.177 ng
RT: 7.810 min Scan# 803
Delta R.T. -0.000 min
Lab File: BM043996.D
Acq: 06 Feb 2024 17:39

Tgt Ion:146 Resp: 272568
Ion Ratio Lower Upper
146 100
148 64.6 51.0 76.6
75 32.5 26.1 39.1

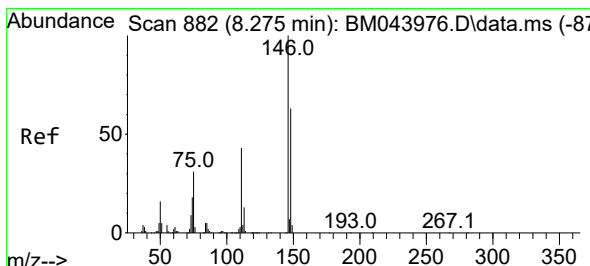
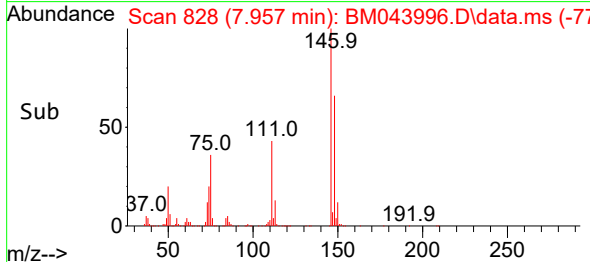
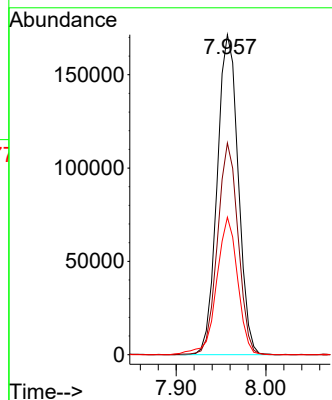
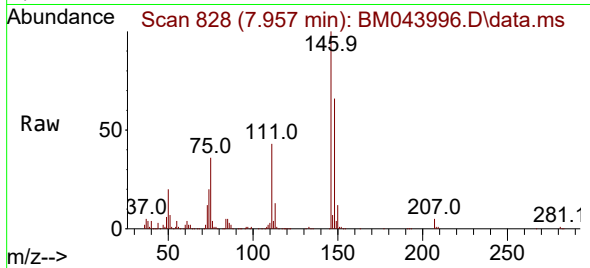




#13
1,4-Dichlorobenzene
Concen: 10.304 ng
RT: 7.957 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM043996.D
Acq: 06 Feb 2024 17:39

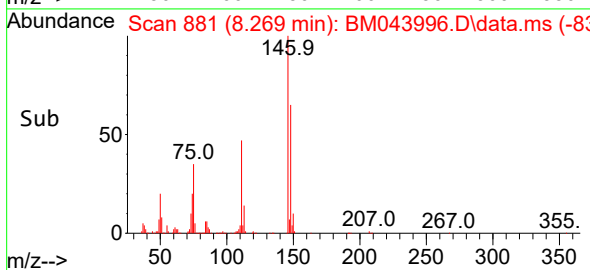
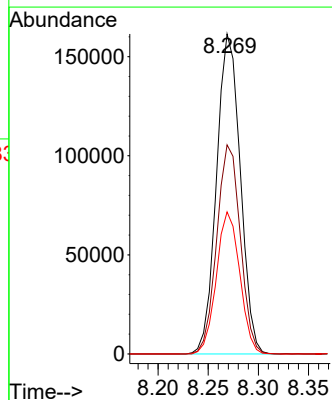
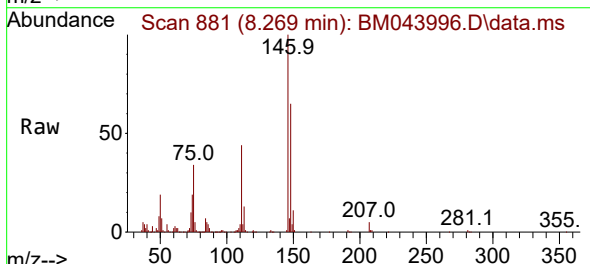
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2024

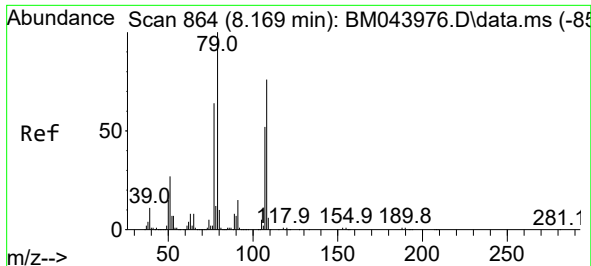
Tgt Ion:146 Resp: 279092
Ion Ratio Lower Upper
146 100
148 66.1 50.7 76.1
111 42.9 32.6 49.0



#14
1,2-Dichlorobenzene
Concen: 9.948 ng
RT: 8.269 min Scan# 881
Delta R.T. -0.006 min
Lab File: BM043996.D
Acq: 06 Feb 2024 17:39

Tgt Ion:146 Resp: 265752
Ion Ratio Lower Upper
146 100
148 65.3 50.3 75.5
111 44.4 34.3 51.5

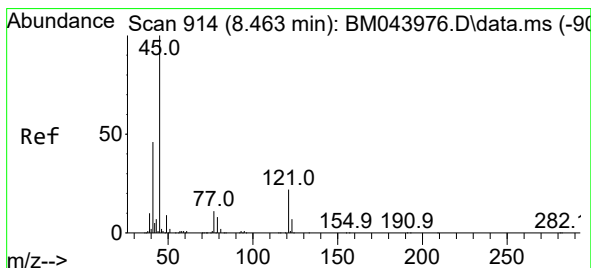
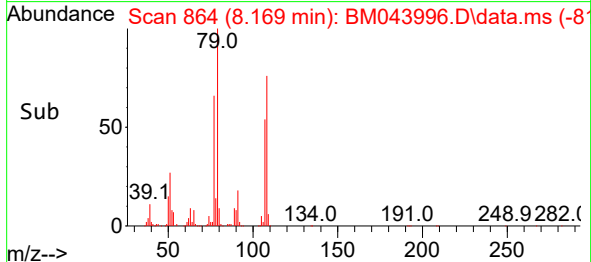
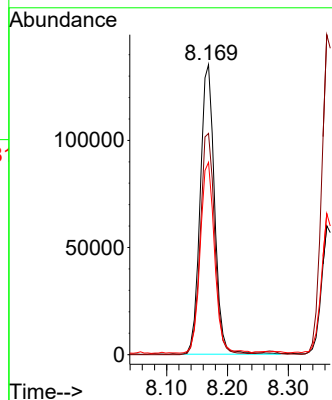
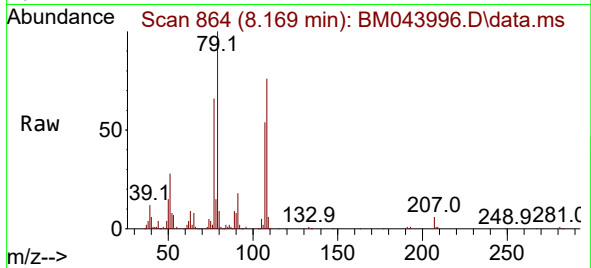




#15
Benzyl Alcohol
Concen: 9.787 ng
RT: 8.169 min Scan# 80
Delta R.T. -0.000 min
Lab File: BM043996.D
Acq: 06 Feb 2024 17:39

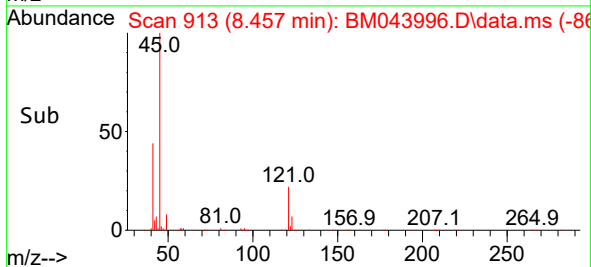
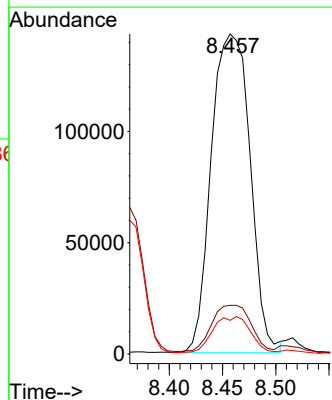
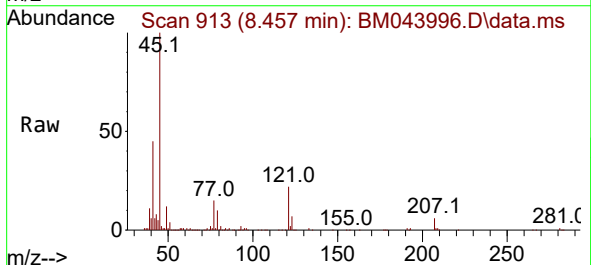
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2024

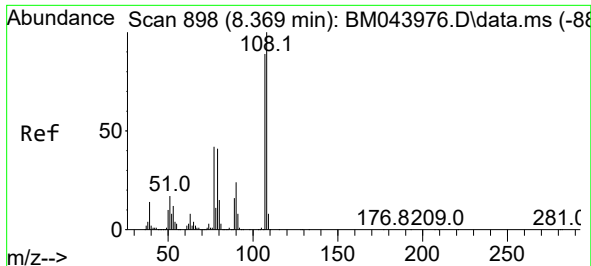
Tgt Ion: 79 Resp: 221461
Ion Ratio Lower Upper
79 100
108 76.3 60.7 91.1
77 66.3 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.528 ng
RT: 8.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BM043996.D
Acq: 06 Feb 2024 17:39

Tgt Ion: 45 Resp: 363195
Ion Ratio Lower Upper
45 100
77 15.2 0.0 34.4
79 10.5 0.0 31.2

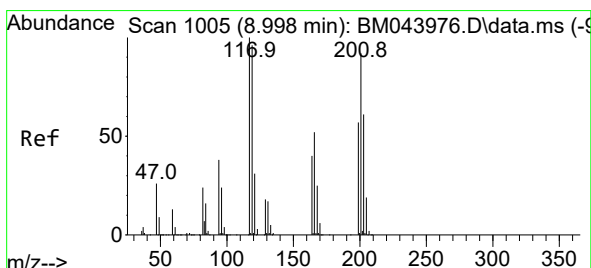
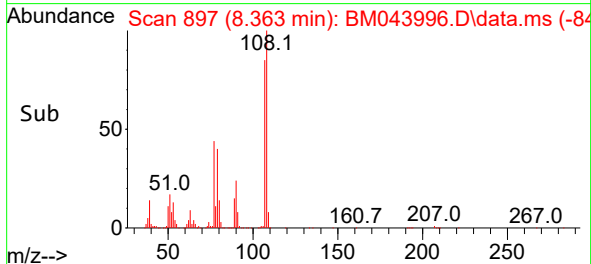
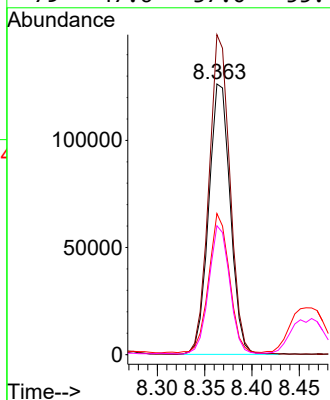
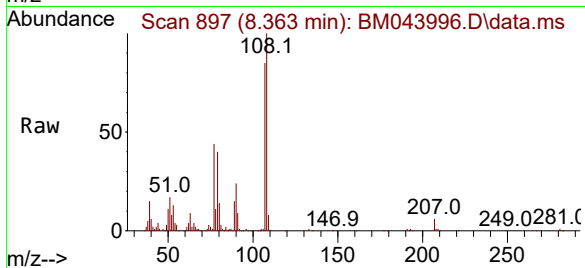




#17
2-Methylphenol
Concen: 9.508 ng
RT: 8.363 min Scan# 898
Delta R.T. -0.006 min
Lab File: BM043996.D
Acq: 06 Feb 2024 17:39

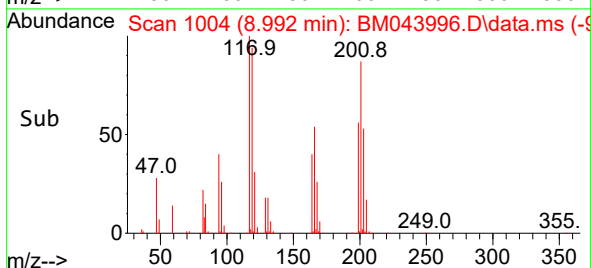
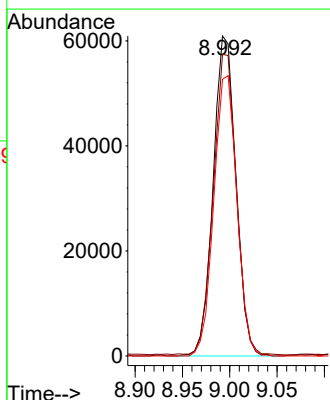
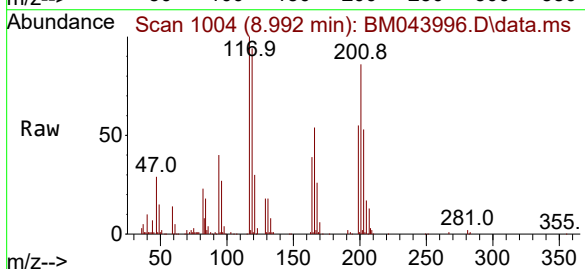
Instrument : BNA_M
ClientSampleId : LOQ-WATER-02-QT1-2024

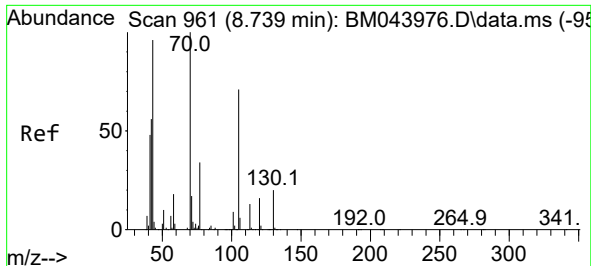
Tgt Ion:	107	Resp:	199489
Ion	Ratio	Lower	Upper
107	100		
108	118.2	90.4	135.6
77	52.1	38.0	57.0
79	47.6	37.0	55.4



#18
Hexachloroethane
Concen: 10.025 ng
RT: 8.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BM043996.D
Acq: 06 Feb 2024 17:39

Tgt Ion:	117	Resp:	101902
Ion	Ratio	Lower	Upper
117	100		
119	94.3	76.7	115.1
201	86.5	73.4	110.2





#19

n-Nitroso-di-n-propylamine

Concen: 9.752 ng

RT: 8.733 min Scan# 9

Delta R.T. -0.006 min

Lab File: BM043996.D

Acq: 06 Feb 2024 17:39

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2024

Tgt Ion: 70 Resp: 211831

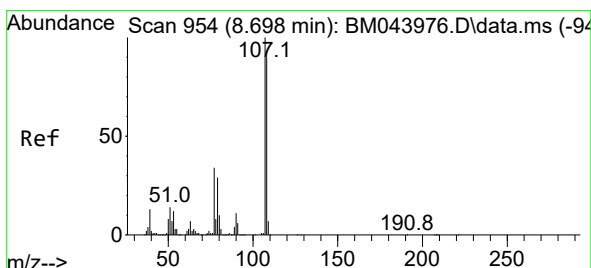
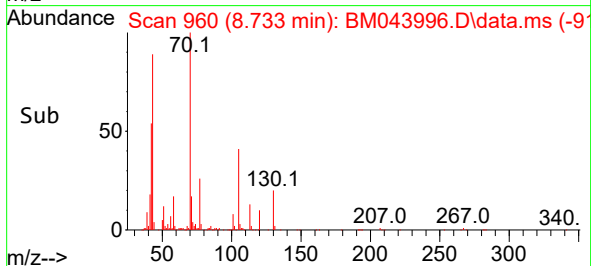
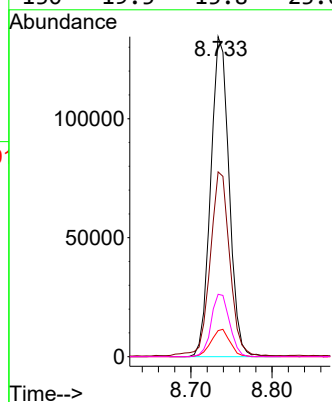
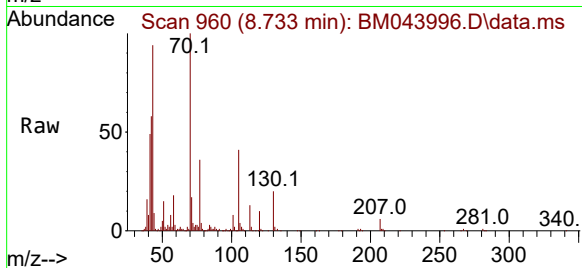
Ion Ratio Lower Upper

70 100

42 57.7 45.6 68.4

101 8.2 7.5 11.3

130 19.5 15.8 23.6



#20

3+4-Methylphenols

Concen: 9.363 ng

RT: 8.692 min Scan# 953

Delta R.T. -0.006 min

Lab File: BM043996.D

Acq: 06 Feb 2024 17:39

Tgt Ion: 107 Resp: 277277

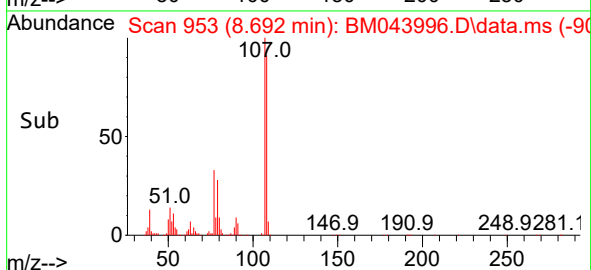
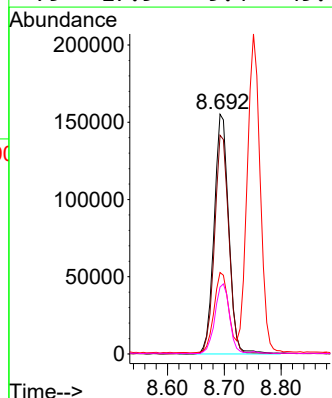
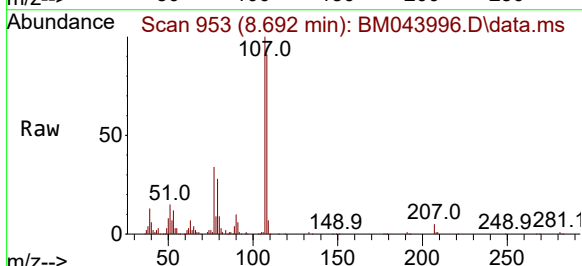
Ion Ratio Lower Upper

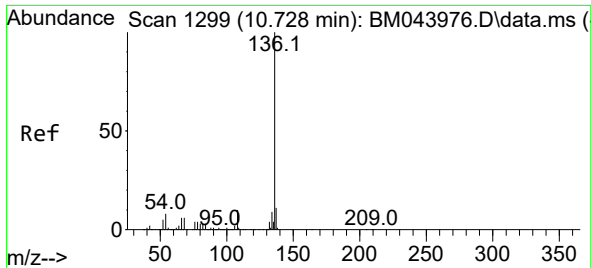
107 100

108 91.3 70.3 110.3

77 34.0 14.0 54.0

79 27.9 9.4 49.4

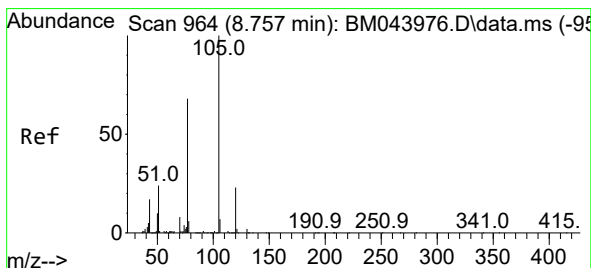
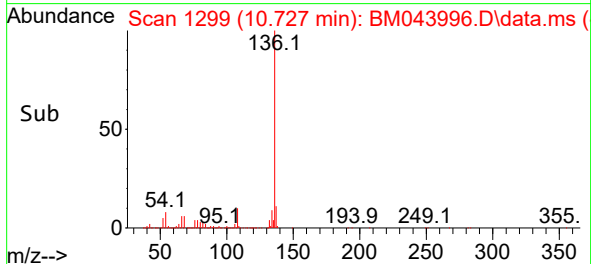
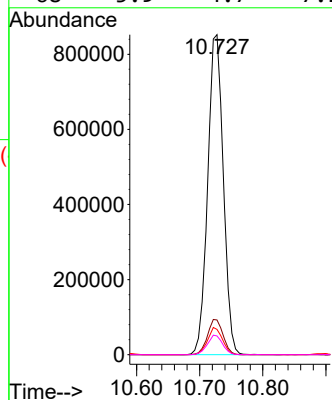
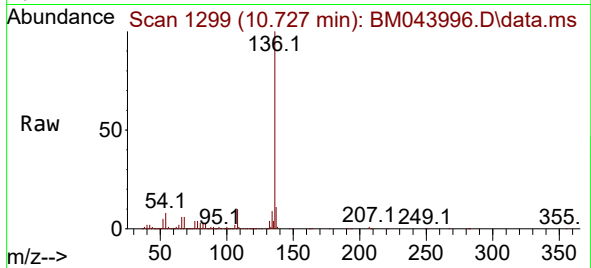




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.727 min Scan# 11
Delta R.T. -0.001 min
Lab File: BM043996.D
Acq: 06 Feb 2024 17:39

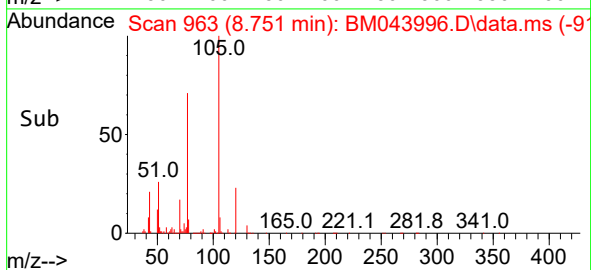
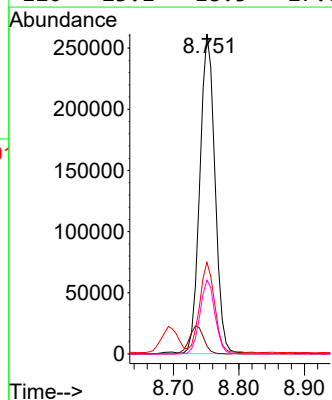
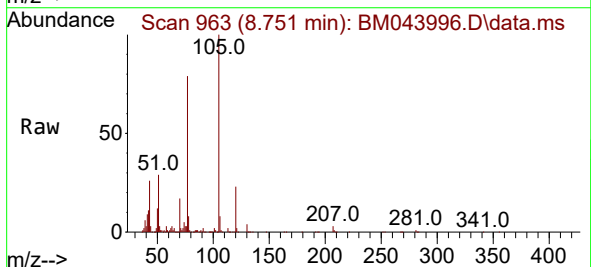
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2024

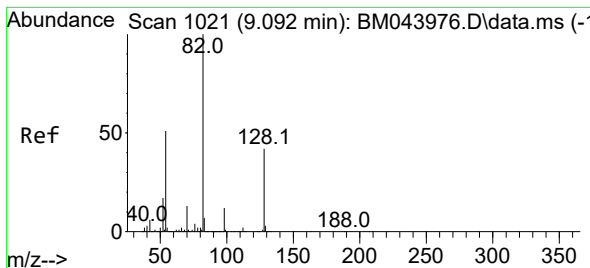
Tgt Ion:136 Resp: 1463767
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.9 6.5 9.7
68 5.9 4.7 7.1



#22
Acetophenone
Concen: 10.564 ng
RT: 8.751 min Scan# 963
Delta R.T. -0.006 min
Lab File: BM043996.D
Acq: 06 Feb 2024 17:39

Tgt Ion:105 Resp: 418986
Ion Ratio Lower Upper
105 100
71 2.5 1.6 2.4#
51 28.7 21.8 32.6
120 23.1 18.5 27.7





#23

Nitrobenzene-d5

Concen: 83.374 ng

RT: 9.092 min Scan# 1021

Delta R.T. 0.000 min

Lab File: BM043996.D

Acq: 06 Feb 2024 17:39

Instrument :

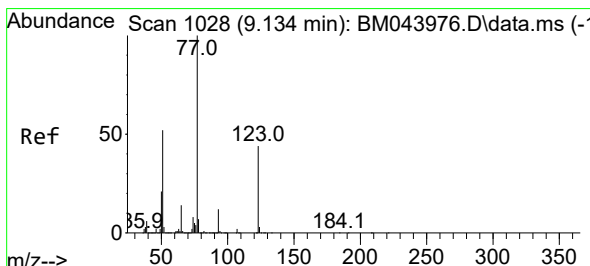
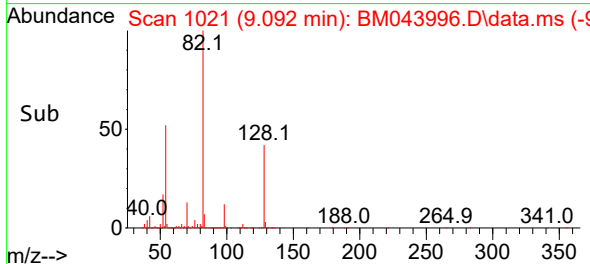
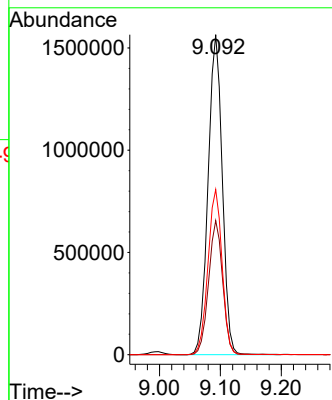
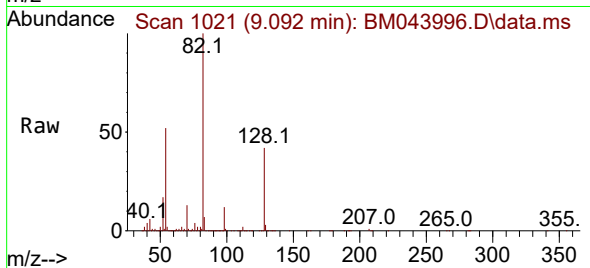
BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2024

Tgt Ion: 82 Resp: 2531671

Ion	Ratio	Lower	Upper
82	100		
128	41.9	33.9	50.9
54	51.6	41.1	61.7



#24

Nitrobenzene

Concen: 10.059 ng

RT: 9.133 min Scan# 1028

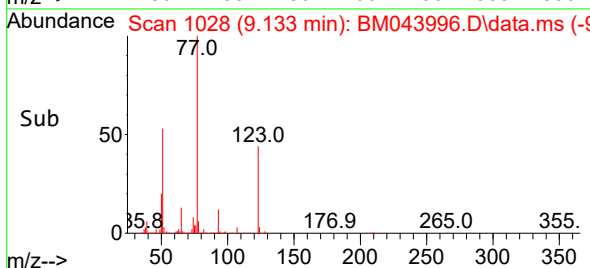
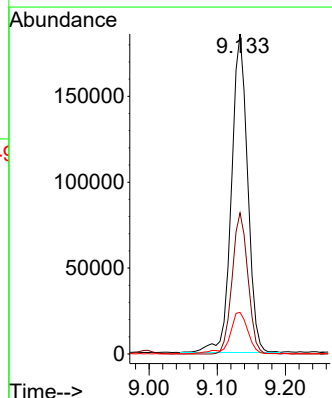
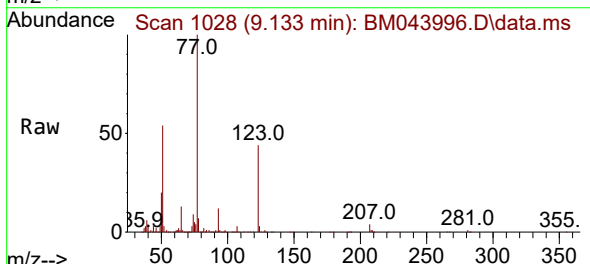
Delta R.T. -0.000 min

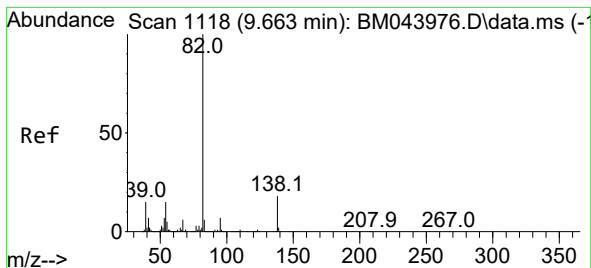
Lab File: BM043996.D

Acq: 06 Feb 2024 17:39

Tgt Ion: 77 Resp: 306457

Ion	Ratio	Lower	Upper
77	100		
123	44.1	35.3	52.9
65	13.0	10.9	16.3





#25

Isophorone

Concen: 9.697 ng

RT: 9.657 min Scan# 1117

Delta R.T. -0.006 min

Lab File: BM043996.D

Acq: 06 Feb 2024 17:39

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2024

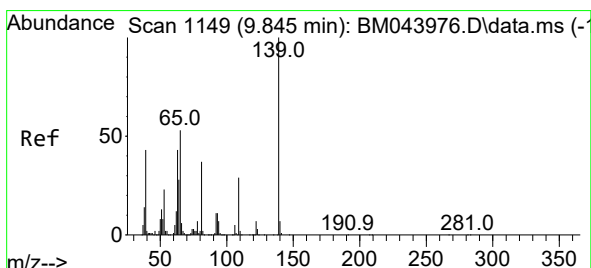
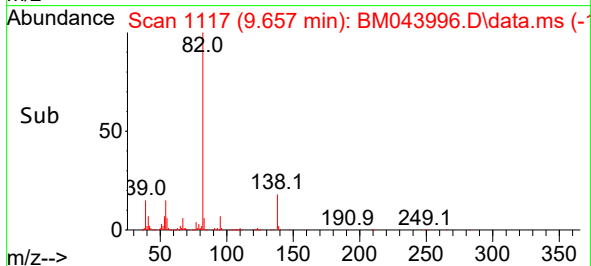
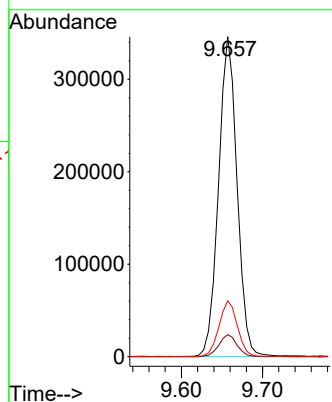
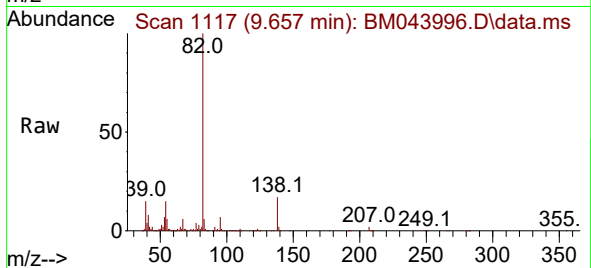
Tgt Ion: 82 Resp: 548156

Ion Ratio Lower Upper

82 100

95 6.9 5.6 8.4

138 17.5 14.2 21.2



#26

2-Nitrophenol

Concen: 8.755 ng

RT: 9.839 min Scan# 1148

Delta R.T. -0.006 min

Lab File: BM043996.D

Acq: 06 Feb 2024 17:39

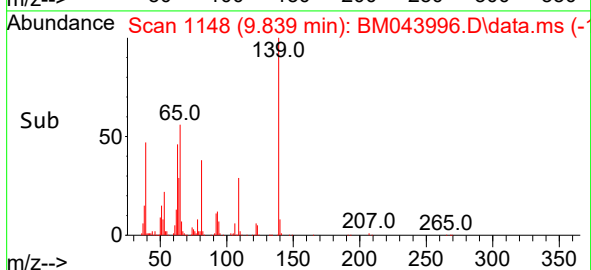
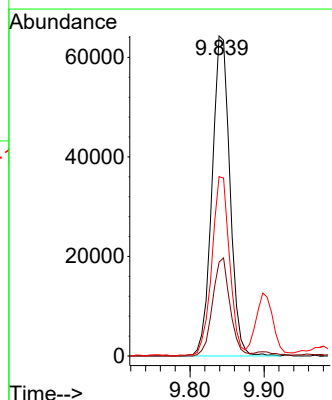
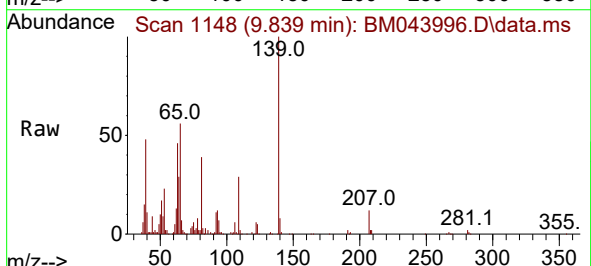
Tgt Ion:139 Resp: 107800

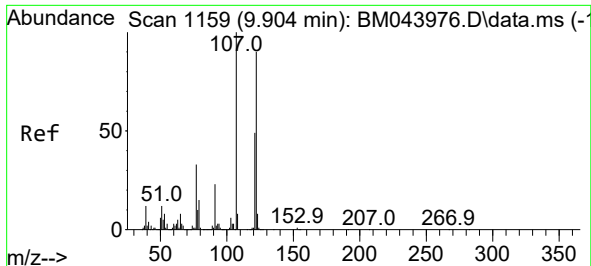
Ion Ratio Lower Upper

139 100

109 29.3 23.3 34.9

65 56.0 42.5 63.7

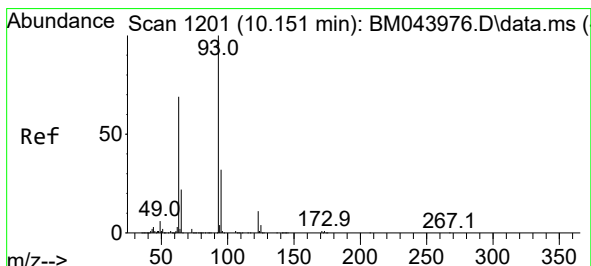
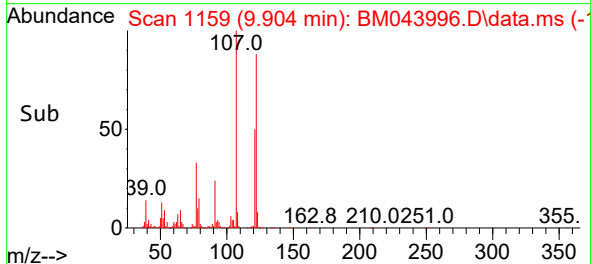
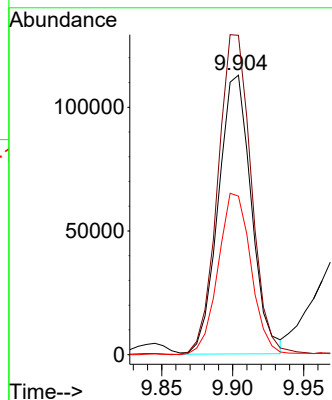
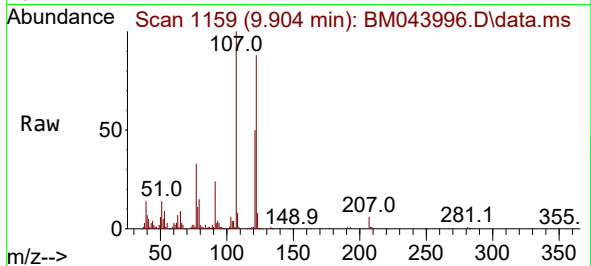




#27
2,4-Dimethylphenol
Concen: 10.788 ng
RT: 9.904 min Scan# 1159
Delta R.T. -0.000 min
Lab File: BM043996.D
Acq: 06 Feb 2024 17:39

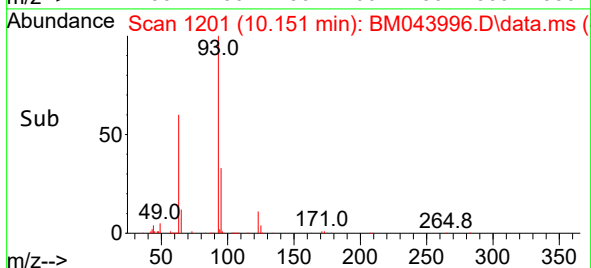
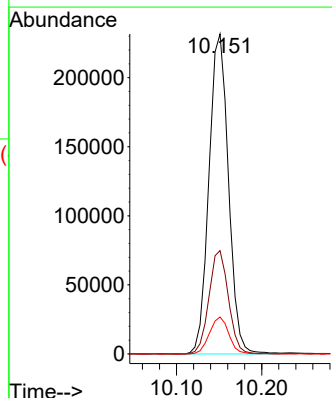
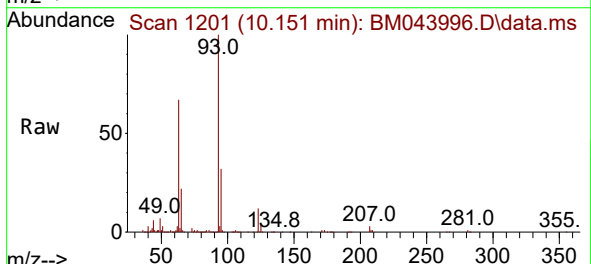
Instrument : BNA_M
ClientSampleId : LOQ-WATER-02-QT1-2024

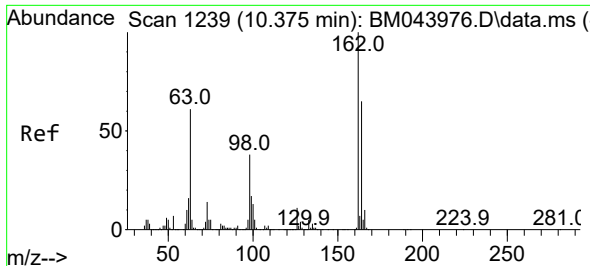
Tgt Ion:122 Resp: 182399
Ion Ratio Lower Upper
122 100
107 114.2 89.0 133.4
121 56.7 43.4 65.0



#28
bis(2-Chloroethoxy)methane
Concen: 10.670 ng
RT: 10.151 min Scan# 1201
Delta R.T. -0.000 min
Lab File: BM043996.D
Acq: 06 Feb 2024 17:39

Tgt Ion: 93 Resp: 368314
Ion Ratio Lower Upper
93 100
95 32.3 25.9 38.9
123 11.6 9.1 13.7

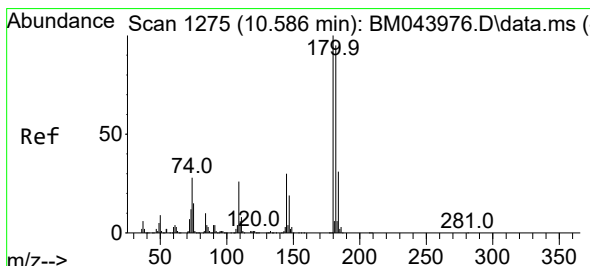
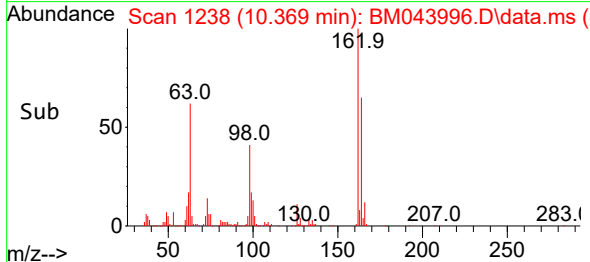
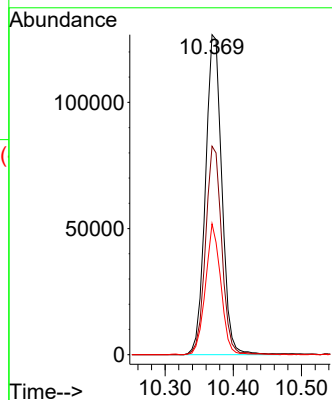
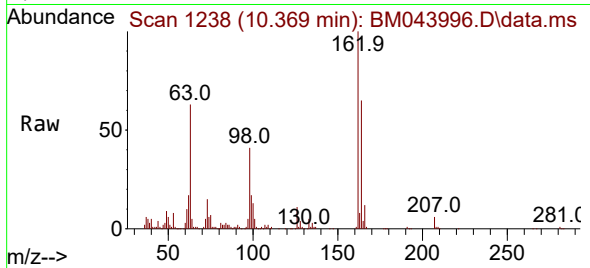




#29
2,4-Dichlorophenol
Concen: 9.824 ng
RT: 10.369 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BM043996.D
Acq: 06 Feb 2024 17:39

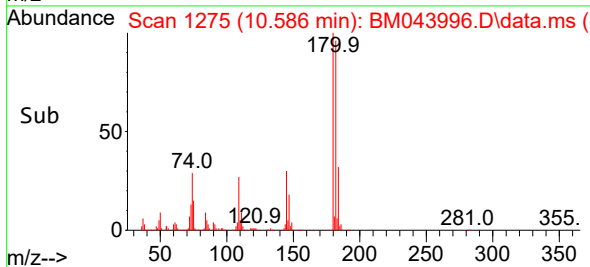
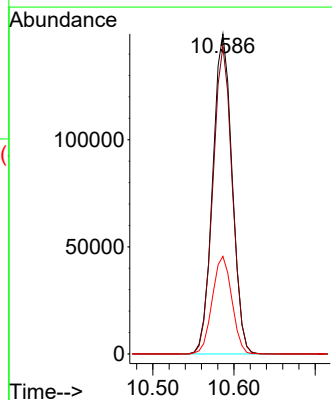
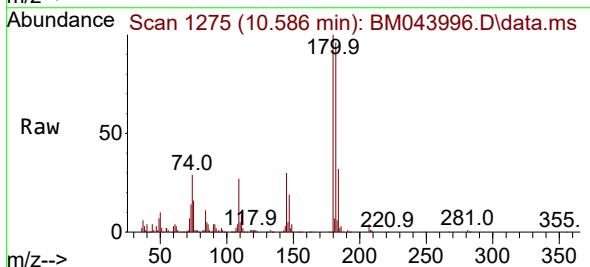
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2024

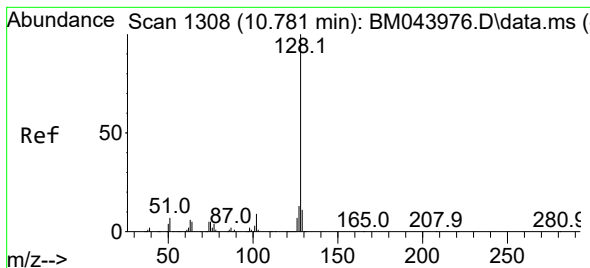
Tgt Ion:162 Resp: 211853
Ion Ratio Lower Upper
162 100
164 65.2 45.1 85.1
98 40.9 17.8 57.8



#30
1,2,4-Trichlorobenzene
Concen: 10.185 ng
RT: 10.586 min Scan# 1275
Delta R.T. -0.000 min
Lab File: BM043996.D
Acq: 06 Feb 2024 17:39

Tgt Ion:180 Resp: 248075
Ion Ratio Lower Upper
180 100
182 96.1 76.0 114.0
145 30.5 24.2 36.2





#31

Naphthalene

Concen: 10.114 ng

RT: 10.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM043996.D

Acq: 06 Feb 2024 17:39

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2024

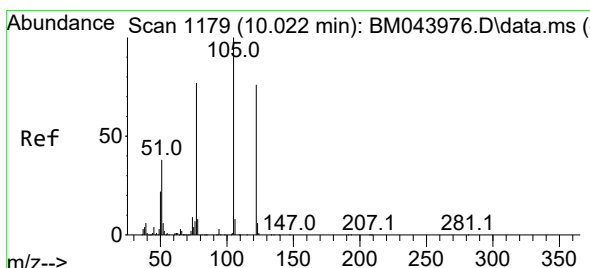
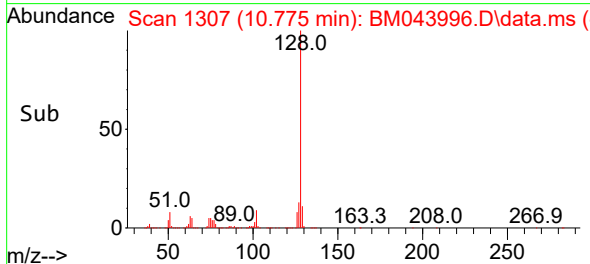
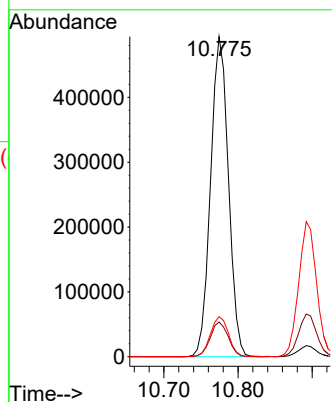
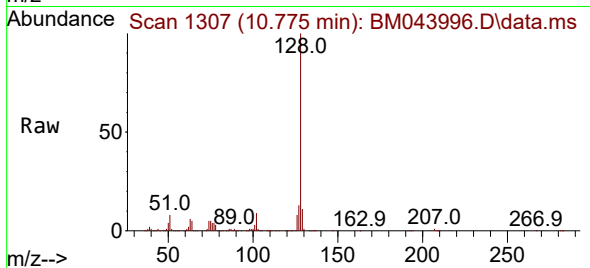
Tgt Ion:128 Resp: 825151

Ion Ratio Lower Upper

128 100

129 10.9 8.4 12.6

127 12.5 10.1 15.1



#32

Benzoic acid

Concen: 11.492 ng

RT: 9.975 min Scan# 1171

Delta R.T. -0.047 min

Lab File: BM043996.D

Acq: 06 Feb 2024 17:39

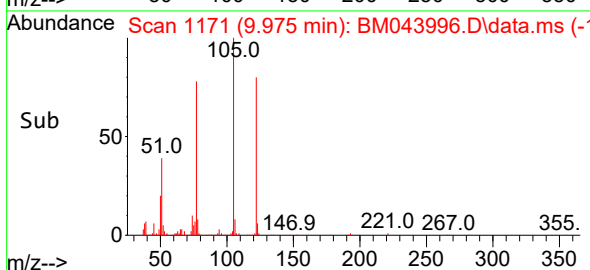
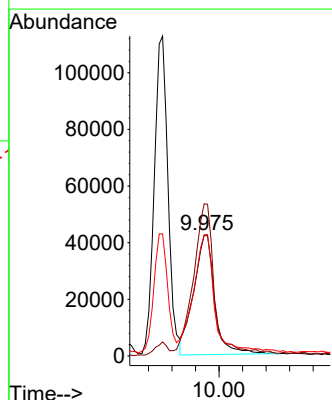
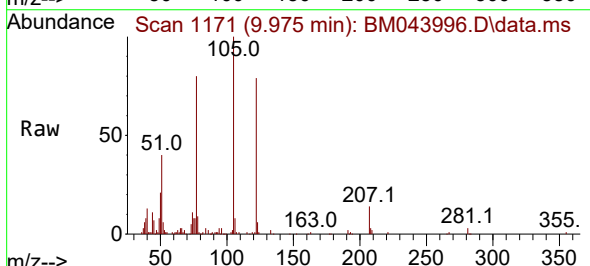
Tgt Ion:122 Resp: 104025

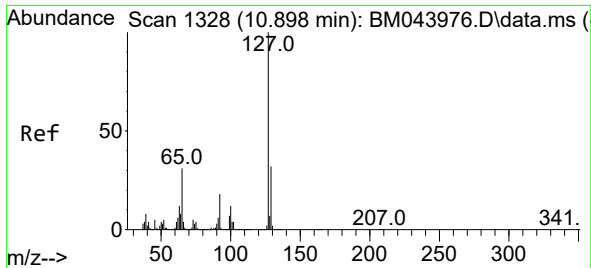
Ion Ratio Lower Upper

122 100

105 125.9 109.4 149.4

77 100.2 80.5 120.5

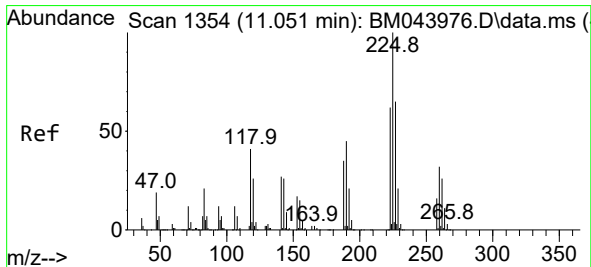
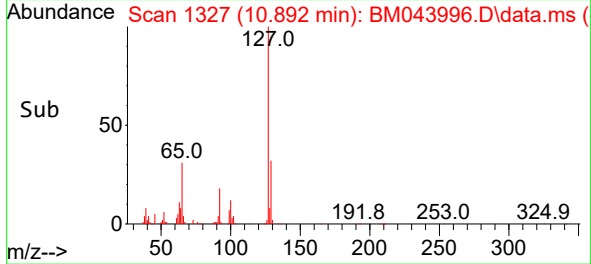
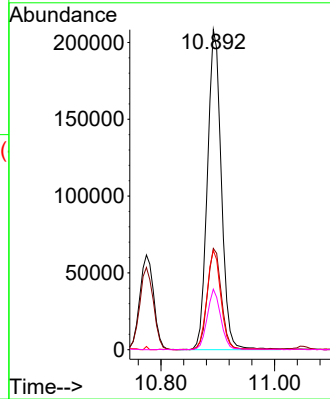
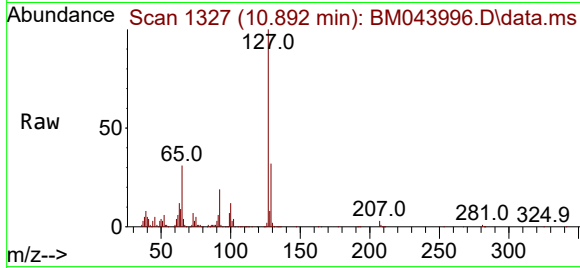




#33
4-Chloroaniline
Concen: 10.544 ng
RT: 10.892 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM043996.D
Acq: 06 Feb 2024 17:39

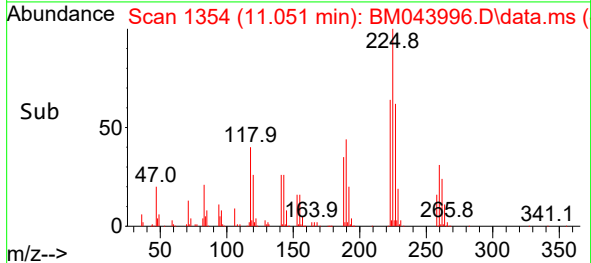
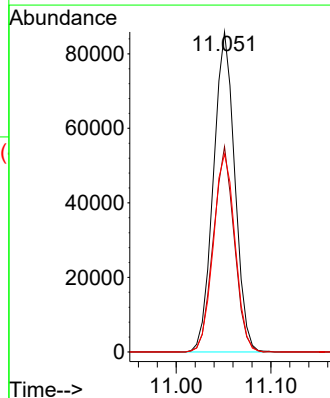
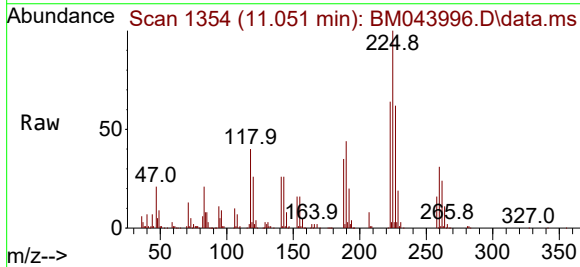
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2024

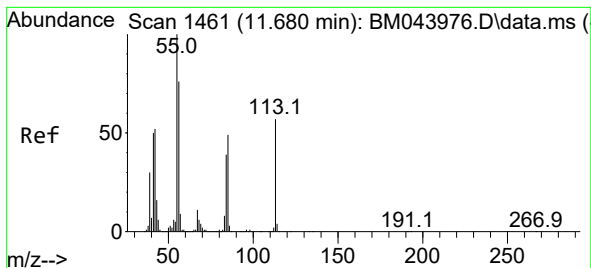
Tgt Ion:	127	Resp:	353600
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.6	38.4
65	31.0	24.5	36.7
92	18.9	14.2	21.4



#34
Hexachlorobutadiene
Concen: 10.149 ng
RT: 11.051 min Scan# 1354
Delta R.T. -0.000 min
Lab File: BM043996.D
Acq: 06 Feb 2024 17:39

Tgt Ion:	225	Resp:	134823
Ion	Ratio	Lower	Upper
225	100		
223	64.2	49.8	74.8
227	61.9	51.7	77.5





#35

Caprolactam

Concen: 8.211 ng

RT: 11.669 min Scan# 1459

Delta R.T. -0.012 min

Lab File: BM043996.D

Acq: 06 Feb 2024 17:39

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2024

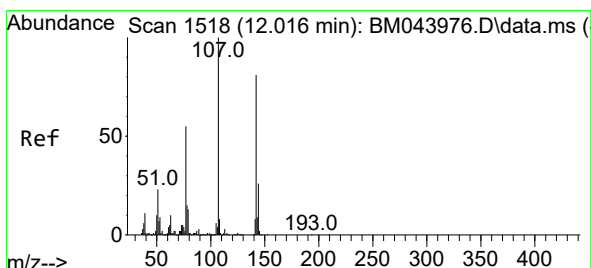
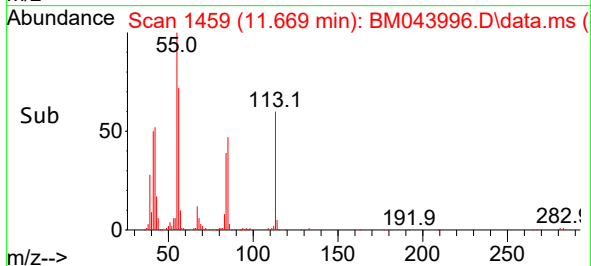
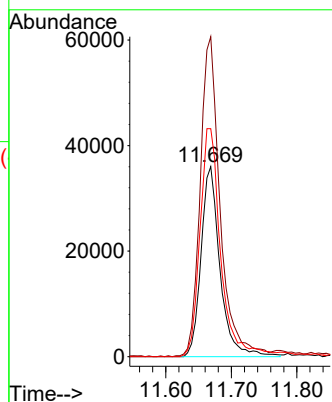
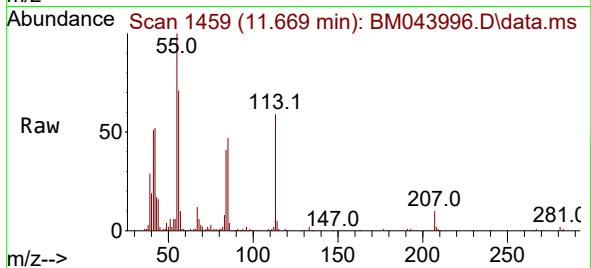
Tgt Ion:113 Resp: 72614

Ion Ratio Lower Upper

113 100

55 168.3 154.3 194.3

56 120.0 112.2 152.2



#36

4-Chloro-3-methylphenol

Concen: 9.696 ng

RT: 12.010 min Scan# 1517

Delta R.T. -0.006 min

Lab File: BM043996.D

Acq: 06 Feb 2024 17:39

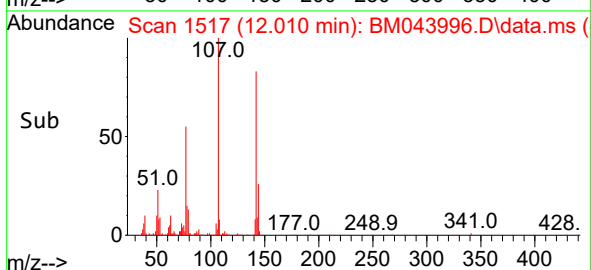
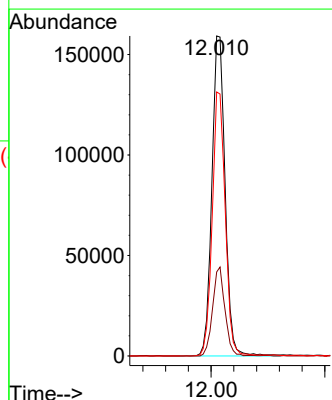
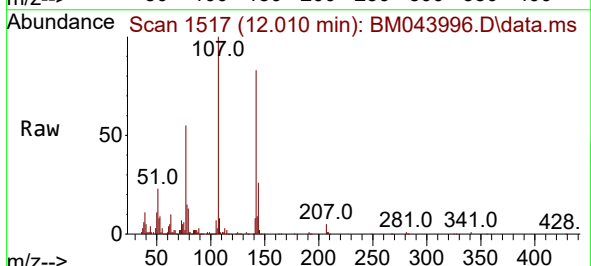
Tgt Ion:107 Resp: 256044

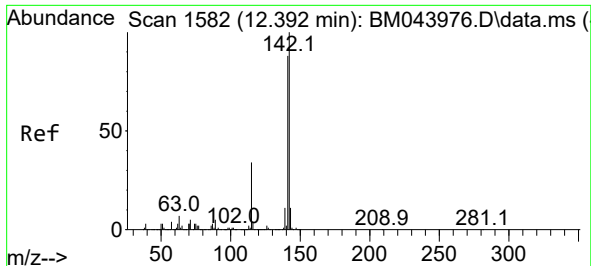
Ion Ratio Lower Upper

107 100

144 26.3 21.1 31.7

142 82.5 65.0 97.4

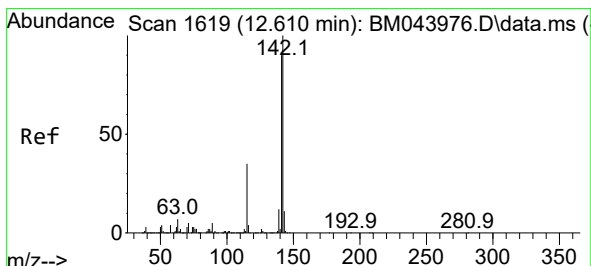
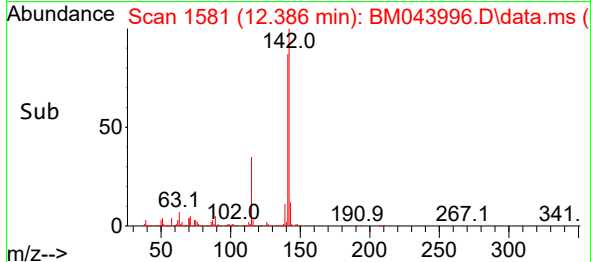
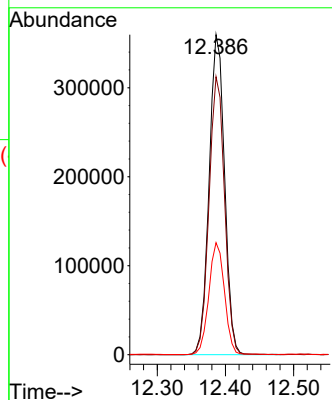
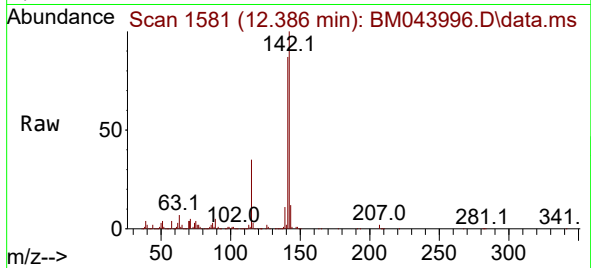




#37
2-Methylnaphthalene
Concen: 9.967 ng
RT: 12.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BM043996.D
Acq: 06 Feb 2024 17:39

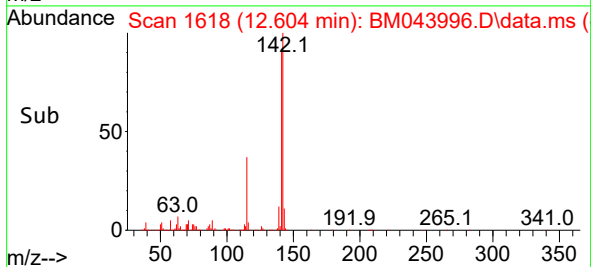
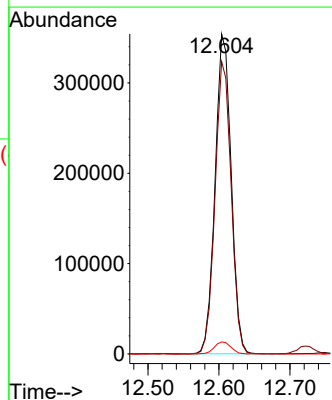
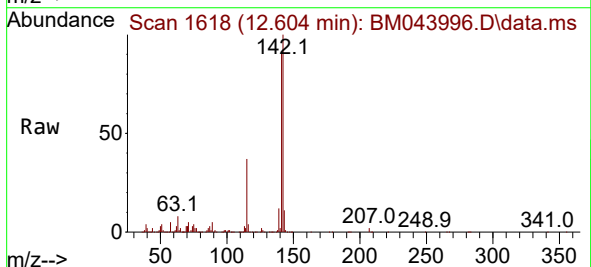
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2024

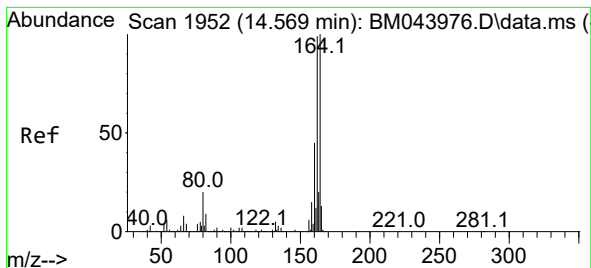
Tgt Ion:142 Resp: 567082
Ion Ratio Lower Upper
142 100
141 86.9 70.2 105.2
115 35.0 27.2 40.8



#38
1-Methylnaphthalene
Concen: 9.777 ng
RT: 12.604 min Scan# 1618
Delta R.T. -0.006 min
Lab File: BM043996.D
Acq: 06 Feb 2024 17:39

Tgt Ion:142 Resp: 555324
Ion Ratio Lower Upper
142 100
141 91.4 72.1 108.1
116 3.8 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.563 min Scan# 1951

Delta R.T. -0.007 min

Lab File: BM043996.D

Acq: 06 Feb 2024 17:39

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2024

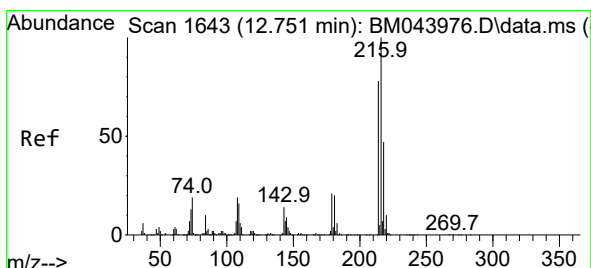
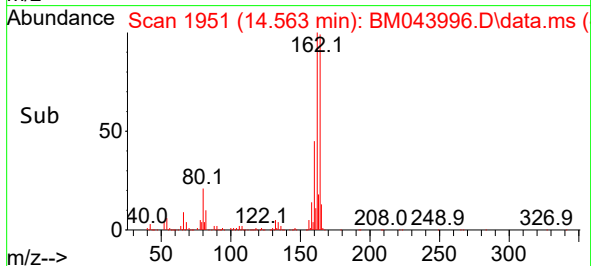
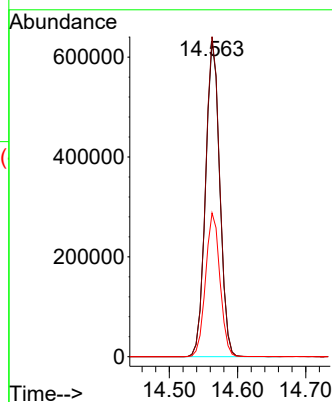
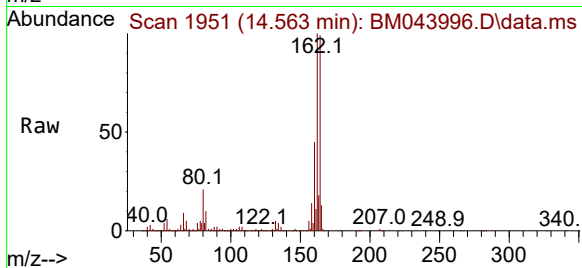
Tgt Ion:164 Resp: 913746

Ion Ratio Lower Upper

164 100

162 101.4 79.0 118.4

160 45.5 35.8 53.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 10.749 ng

RT: 12.751 min Scan# 1643

Delta R.T. -0.000 min

Lab File: BM043996.D

Acq: 06 Feb 2024 17:39

Tgt Ion:216 Resp: 278564

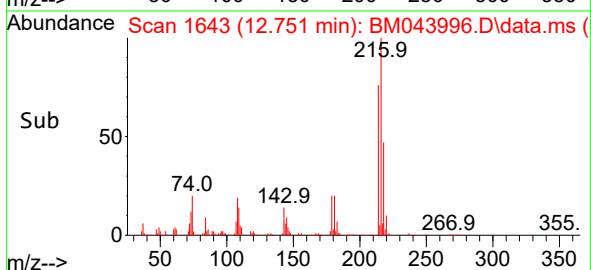
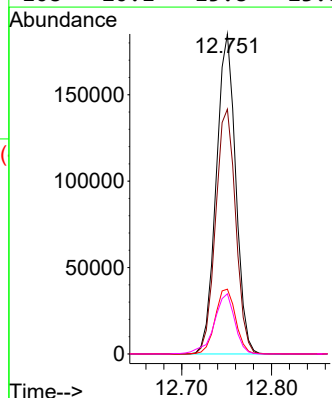
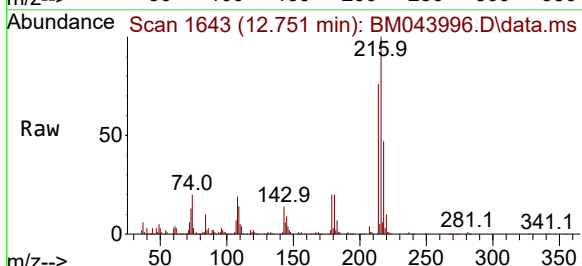
Ion Ratio Lower Upper

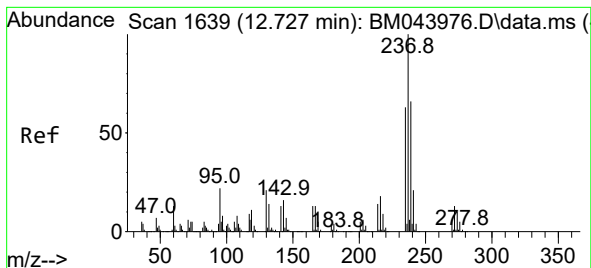
216 100

214 78.6 62.6 94.0

179 21.3 16.7 25.1

108 20.1 15.8 23.8





#41

Hexachlorocyclopentadiene

Concen: 11.669 ng

RT: 12.721 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM043996.D

Acq: 06 Feb 2024 17:39

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2024

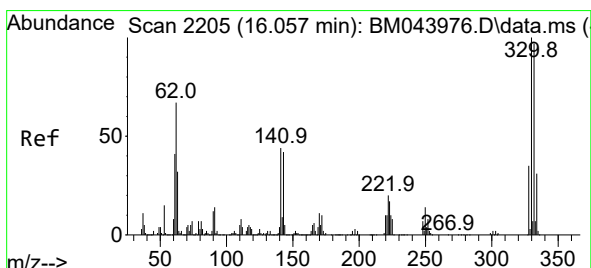
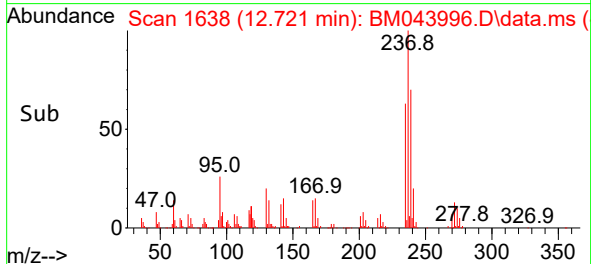
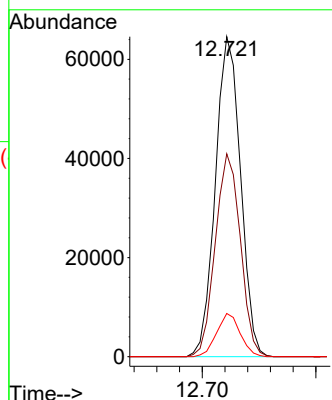
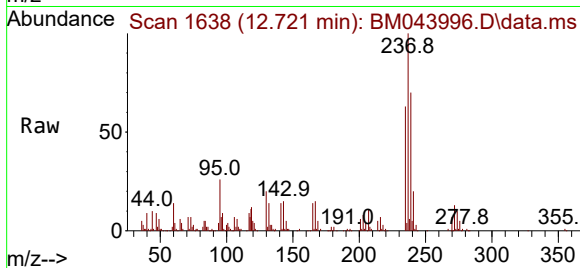
Tgt Ion:237 Resp: 99461

Ion Ratio Lower Upper

237 100

235 63.4 43.5 83.5

272 13.5 0.0 33.2



#42

2,4,6-Tribromophenol

Concen: 130.934 ng

RT: 16.057 min Scan# 2205

Delta R.T. -0.000 min

Lab File: BM043996.D

Acq: 06 Feb 2024 17:39

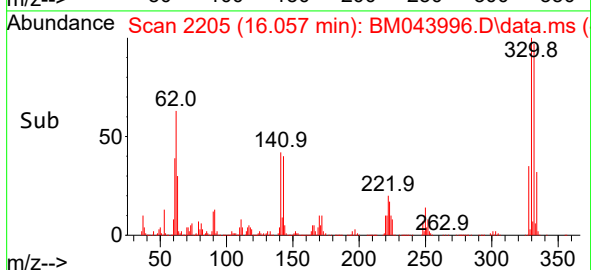
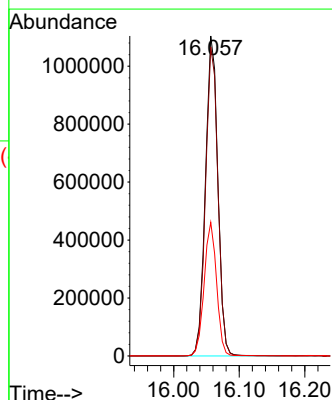
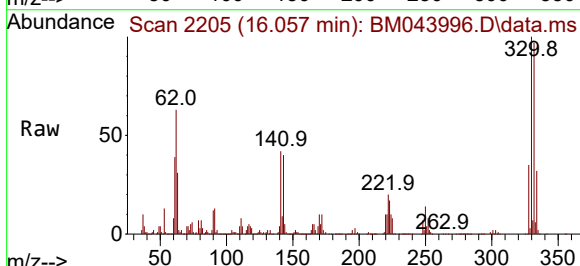
Tgt Ion:330 Resp: 1458401

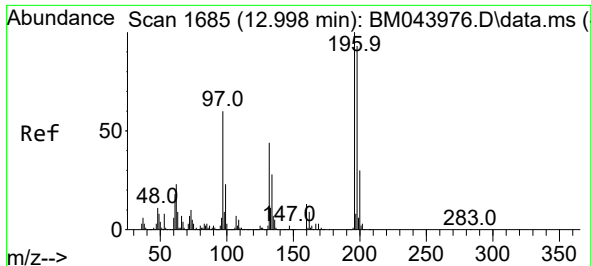
Ion Ratio Lower Upper

330 100

332 96.6 77.6 116.4

141 41.7 33.5 50.3

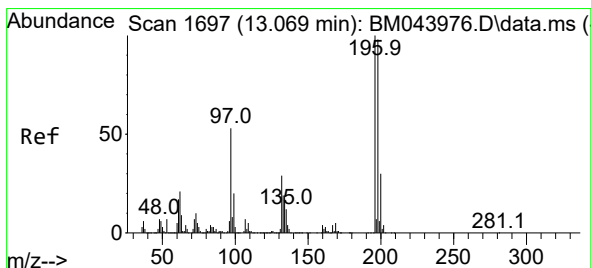
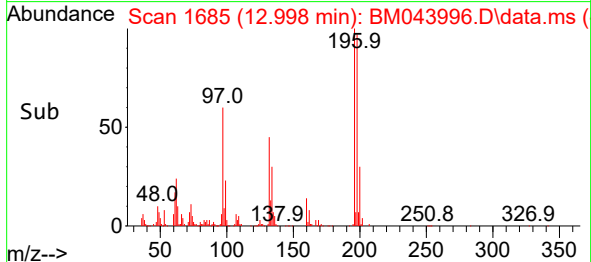
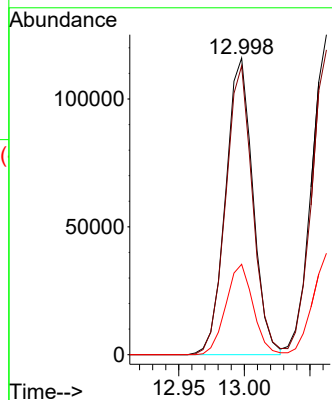
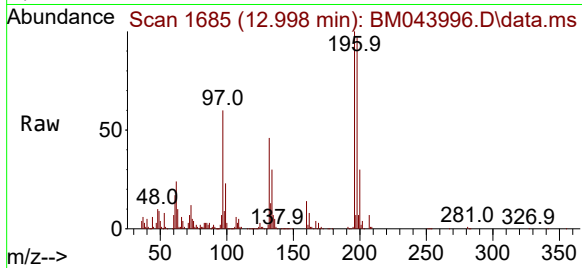




#43
2,4,6-Trichlorophenol
Concen: 9.579 ng
RT: 12.998 min Scan# 1685
Delta R.T. -0.000 min
Lab File: BM043996.D
Acq: 06 Feb 2024 17:39

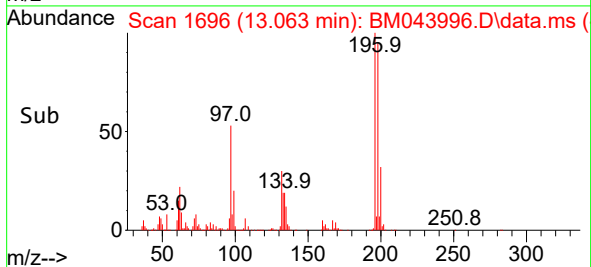
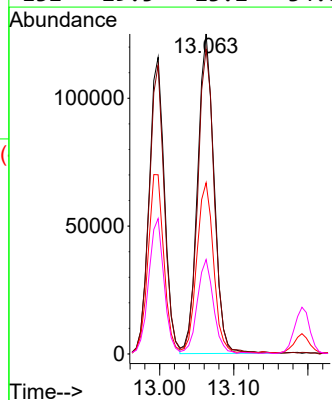
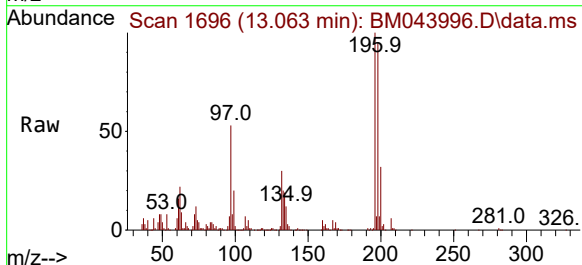
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2024

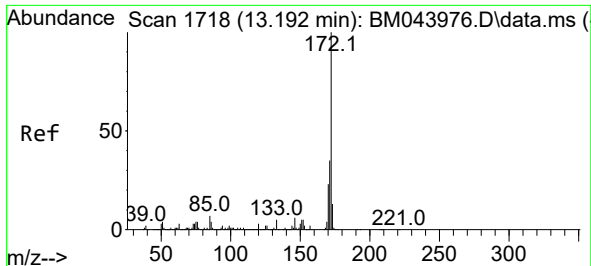
Tgt Ion:196 Resp: 167761
Ion Ratio Lower Upper
196 100
198 97.3 74.2 111.2
200 30.5 23.8 35.8



#44
2,4,5-Trichlorophenol
Concen: 9.653 ng
RT: 13.063 min Scan# 1696
Delta R.T. -0.006 min
Lab File: BM043996.D
Acq: 06 Feb 2024 17:39

Tgt Ion:196 Resp: 192880
Ion Ratio Lower Upper
196 100
198 95.3 78.1 117.1
97 53.5 42.2 63.2
132 29.5 23.2 34.8

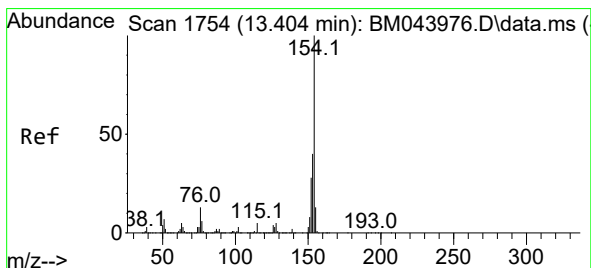
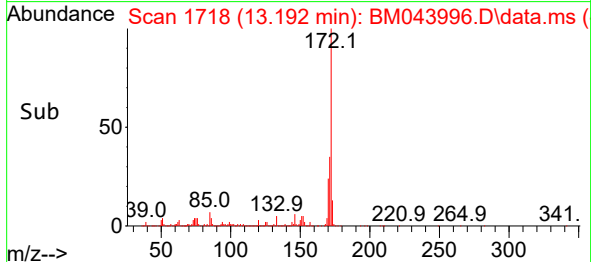
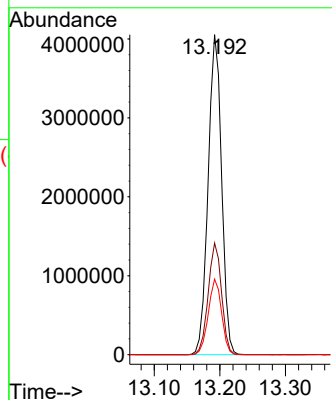
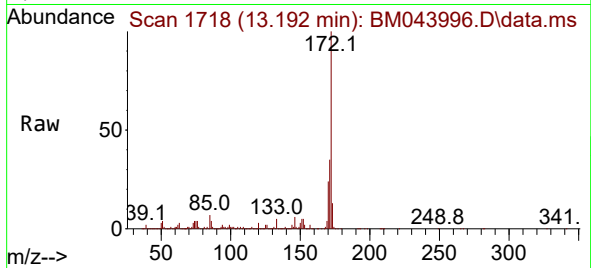




#45
2-Fluorobiphenyl
Concen: 87.305 ng
RT: 13.192 min Scan# 1718
Delta R.T. 0.000 min
Lab File: BM043996.D
Acq: 06 Feb 2024 17:39

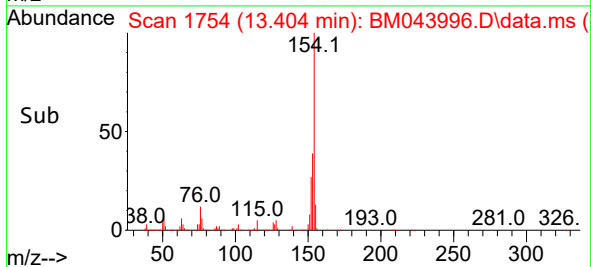
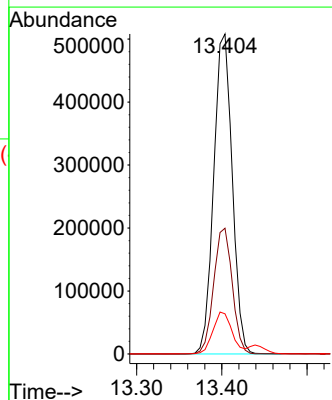
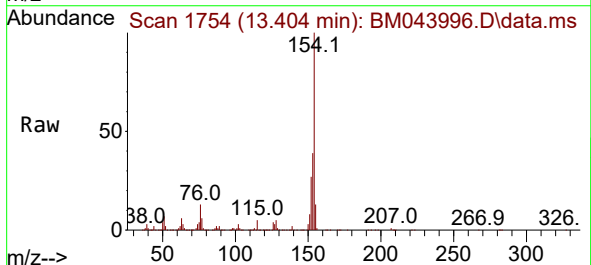
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2024

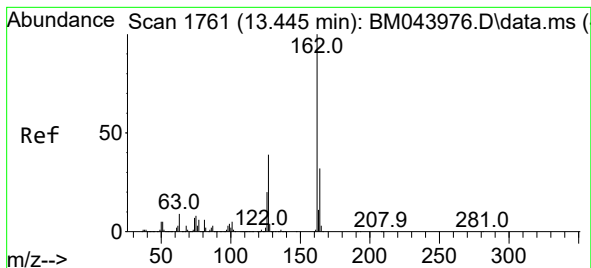
Tgt Ion:172 Resp: 5805737
Ion Ratio Lower Upper
172 100
171 34.9 27.9 41.9
170 23.6 18.6 28.0



#46
1,1'-Biphenyl
Concen: 10.671 ng
RT: 13.404 min Scan# 1754
Delta R.T. -0.000 min
Lab File: BM043996.D
Acq: 06 Feb 2024 17:39

Tgt Ion:154 Resp: 766742
Ion Ratio Lower Upper
154 100
153 39.3 19.8 59.8
76 12.5 0.0 33.0





#47

2-Chloronaphthalene

Concen: 10.213 ng

RT: 13.439 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM043996.D

Acq: 06 Feb 2024 17:39

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2024

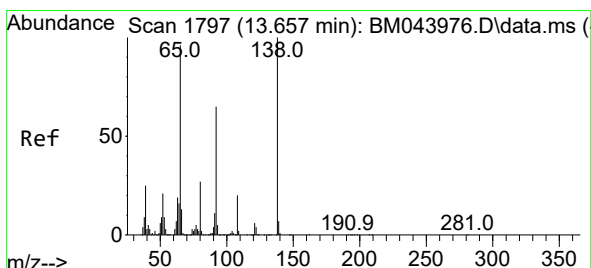
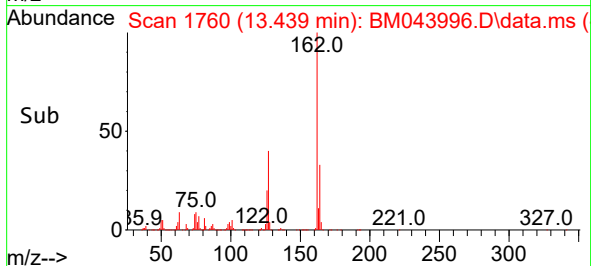
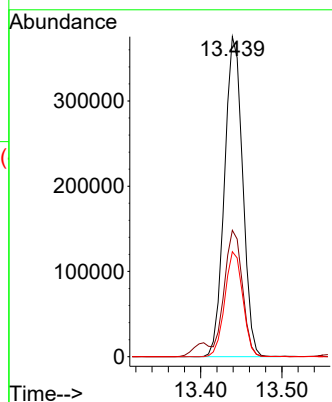
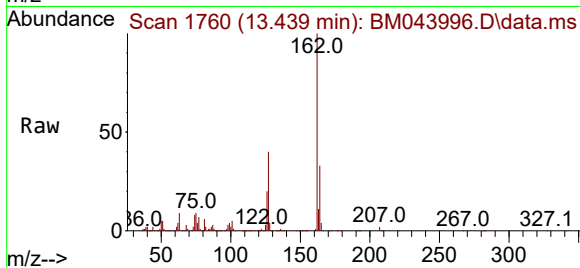
Tgt Ion:162 Resp: 585248

Ion Ratio Lower Upper

162 100

127 39.5 31.0 46.6

164 32.8 25.8 38.6



#48

2-Nitroaniline

Concen: 8.835 ng

RT: 13.651 min Scan# 1796

Delta R.T. -0.006 min

Lab File: BM043996.D

Acq: 06 Feb 2024 17:39

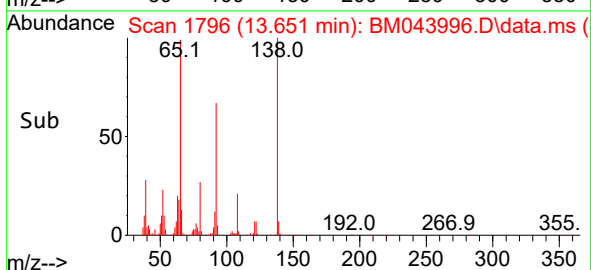
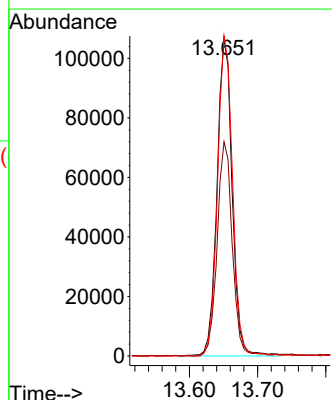
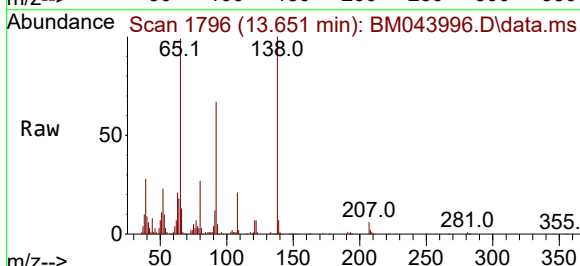
Tgt Ion: 65 Resp: 164669

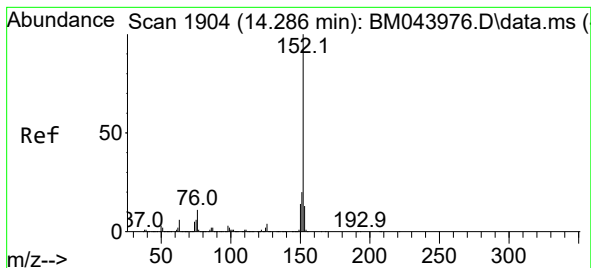
Ion Ratio Lower Upper

65 100

92 67.4 53.6 80.4

138 100.8 83.0 124.6





#49

Acenaphthylene

Concen: 10.780 ng

RT: 14.286 min Scan# 1904

Delta R.T. -0.000 min

Lab File: BM043996.D

Acq: 06 Feb 2024 17:39

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2024

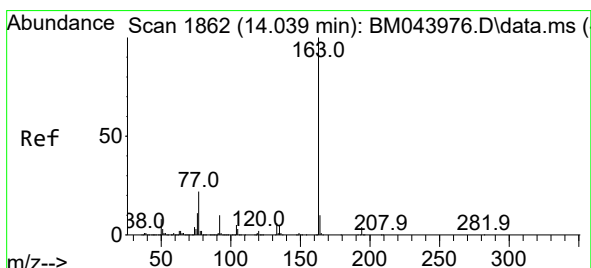
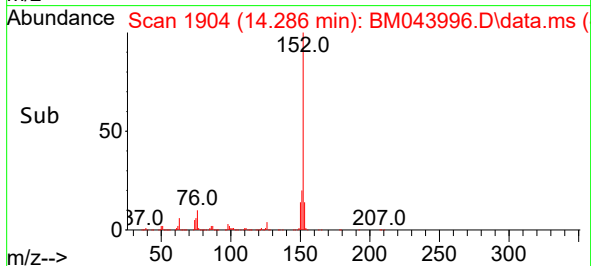
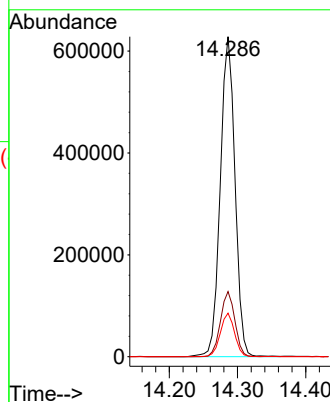
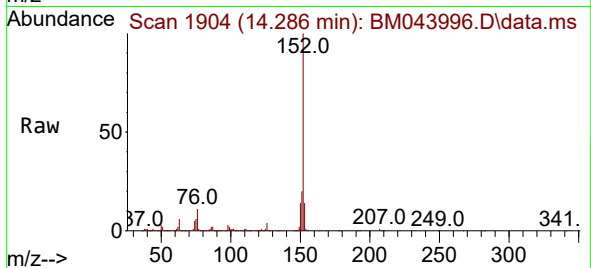
Tgt Ion:152 Resp: 944307

Ion Ratio Lower Upper

152 100

151 20.3 15.9 23.9

153 13.6 10.4 15.6



#50

Dimethylphthalate

Concen: 10.355 ng

RT: 14.033 min Scan# 1861

Delta R.T. -0.006 min

Lab File: BM043996.D

Acq: 06 Feb 2024 17:39

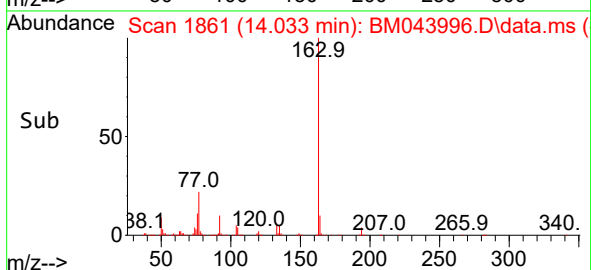
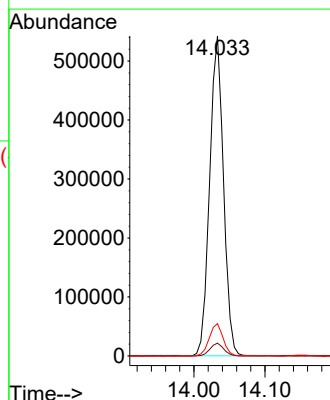
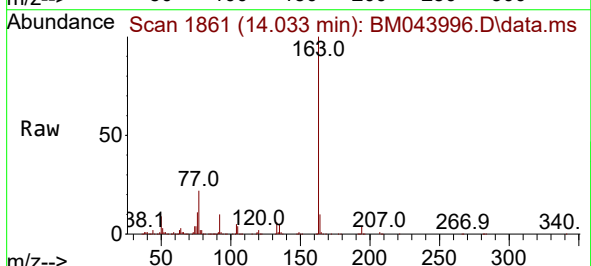
Tgt Ion:163 Resp: 734973

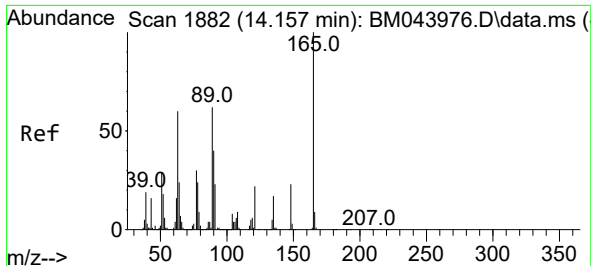
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.1 8.0 12.0

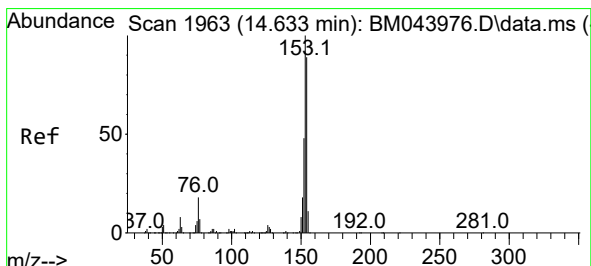
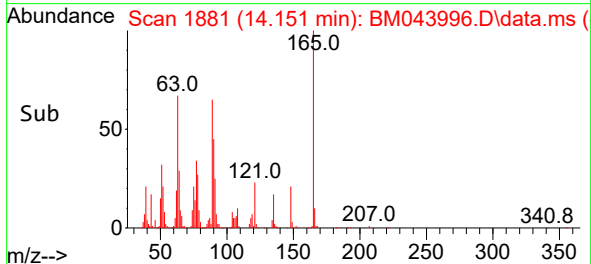
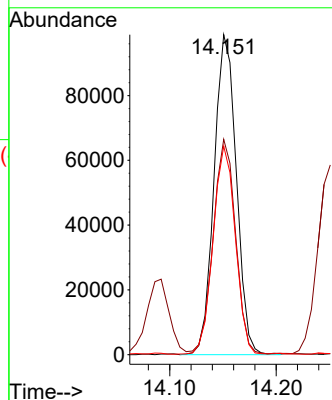
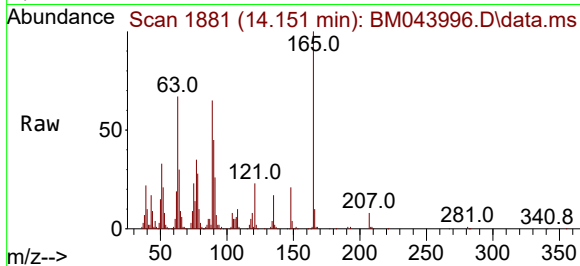




#51
2,6-Dinitrotoluene
Concen: 9.188 ng
RT: 14.151 min Scan# 1881
Delta R.T. -0.006 min
Lab File: BM043996.D
Acq: 06 Feb 2024 17:39

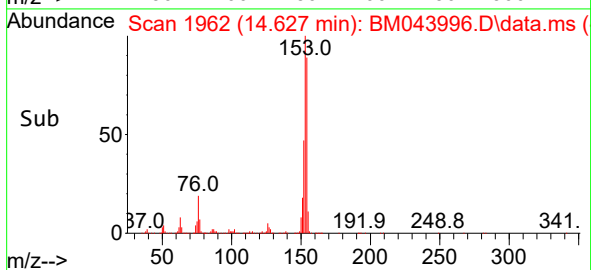
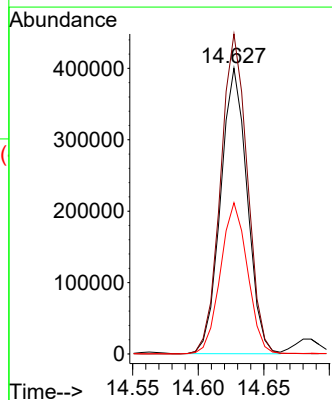
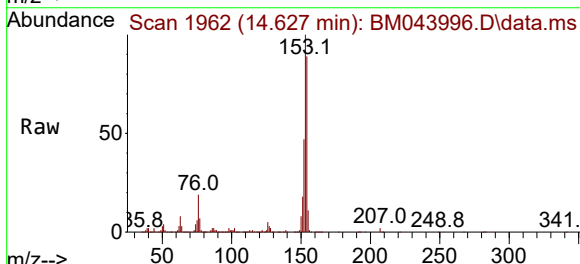
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2024

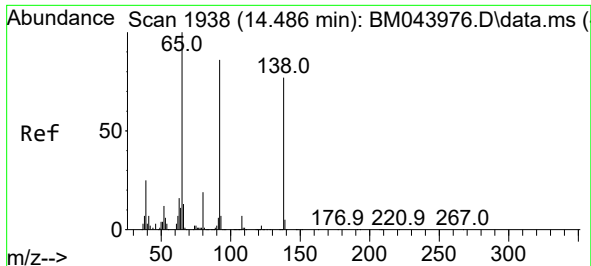
Tgt Ion:165 Resp: 143339
Ion Ratio Lower Upper
165 100
63 67.3 51.1 76.7
89 65.2 49.5 74.3



#52
Acenaphthene
Concen: 10.155 ng
RT: 14.627 min Scan# 1962
Delta R.T. -0.006 min
Lab File: BM043996.D
Acq: 06 Feb 2024 17:39

Tgt Ion:154 Resp: 563891
Ion Ratio Lower Upper
154 100
153 112.0 90.1 135.1
152 52.9 43.6 65.4

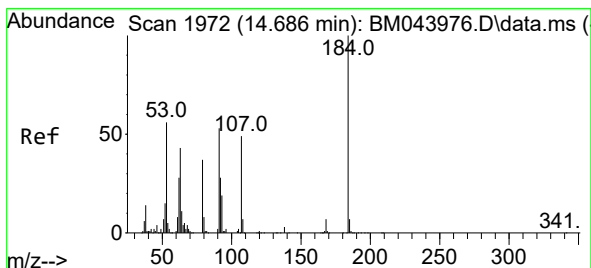
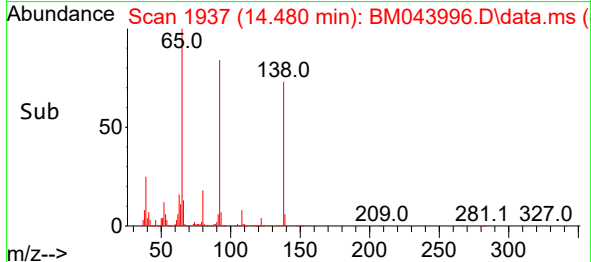
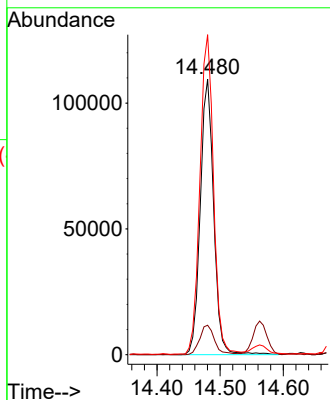
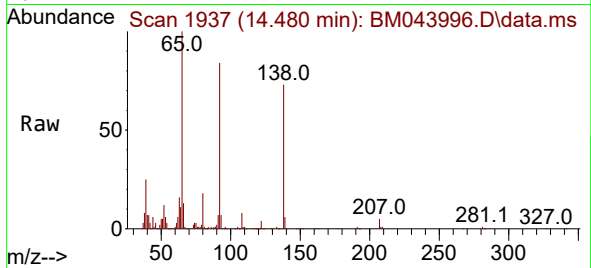




#53
3-Nitroaniline
Concen: 8.910 ng
RT: 14.480 min Scan# 1938
Delta R.T. -0.006 min
Lab File: BM043996.D
Acq: 06 Feb 2024 17:39

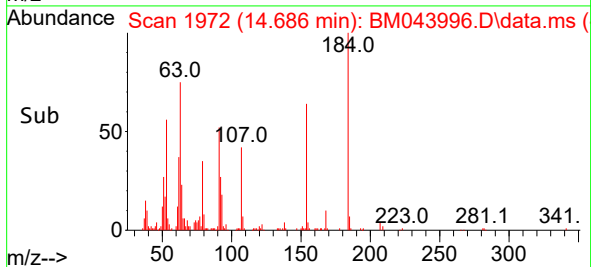
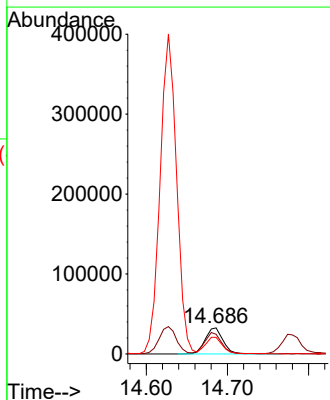
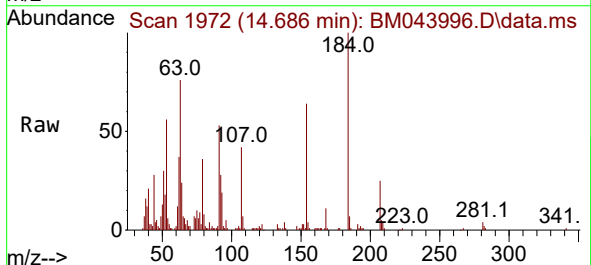
Instrument : BNA_M
ClientSampleId : LOQ-WATER-02-QT1-2024

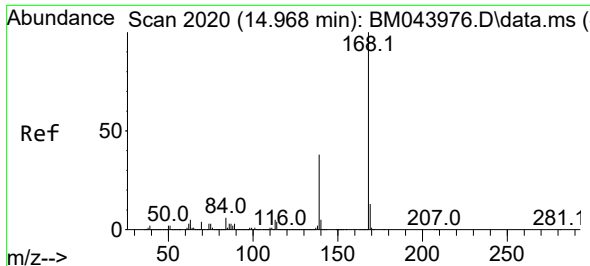
Tgt Ion:138 Resp: 161381
Ion Ratio Lower Upper
138 100
108 10.7 7.8 11.6
92 116.2 89.7 134.5



#54
2,4-Dinitrophenol
Concen: 12.068 ng
RT: 14.686 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BM043996.D
Acq: 06 Feb 2024 17:39

Tgt Ion:184 Resp: 49547
Ion Ratio Lower Upper
184 100
63 75.8 62.8 94.2
154 64.0 51.4 77.2

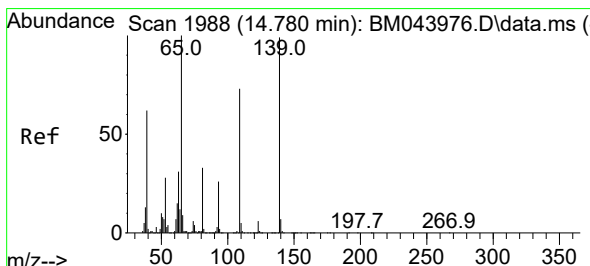
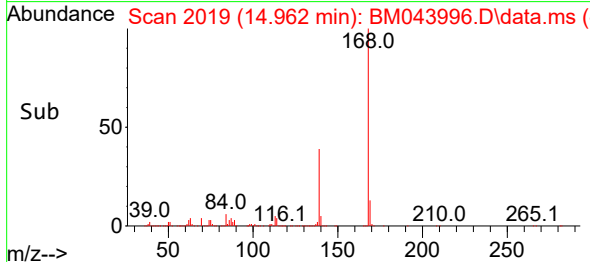
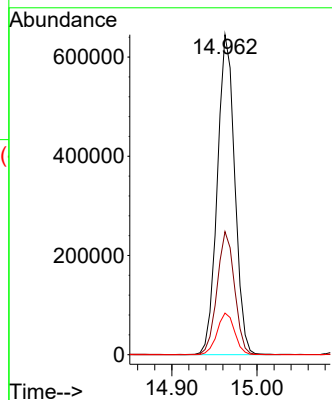
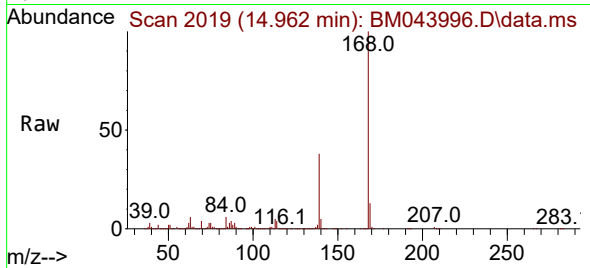




#55
Dibenzofuran
Concen: 10.607 ng
RT: 14.962 min Scan# 20
Delta R.T. -0.006 min
Lab File: BM043996.D
Acq: 06 Feb 2024 17:39

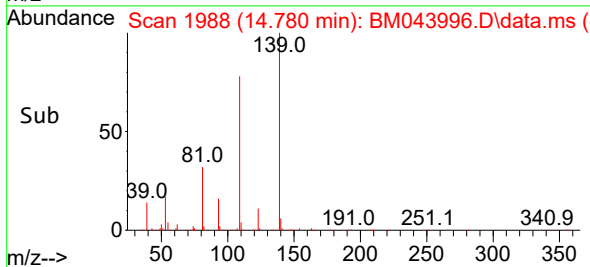
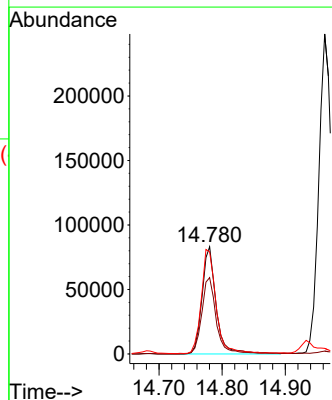
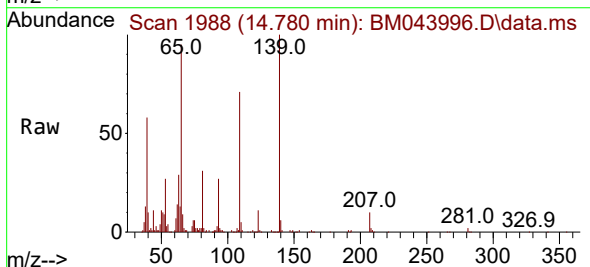
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2024

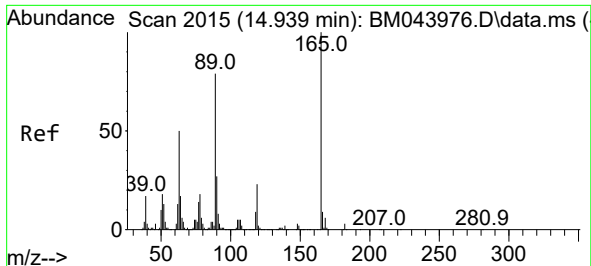
Tgt Ion:168 Resp: 916627
Ion Ratio Lower Upper
168 100
139 38.4 30.7 46.1
169 13.0 10.5 15.7



#56
4-Nitrophenol
Concen: 8.160 ng
RT: 14.780 min Scan# 1988
Delta R.T. -0.000 min
Lab File: BM043996.D
Acq: 06 Feb 2024 17:39

Tgt Ion:139 Resp: 129157
Ion Ratio Lower Upper
139 100
109 71.2 53.2 93.2
65 95.3 80.7 120.7





#57

2,4-Dinitrotoluene

Concen: 8.324 ng

RT: 14.933 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BM043996.D

Acq: 06 Feb 2024 17:39

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2024

Tgt Ion:165 Resp: 180773

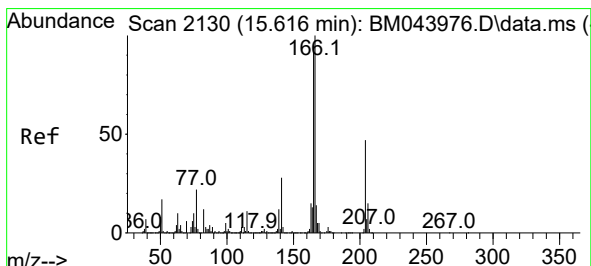
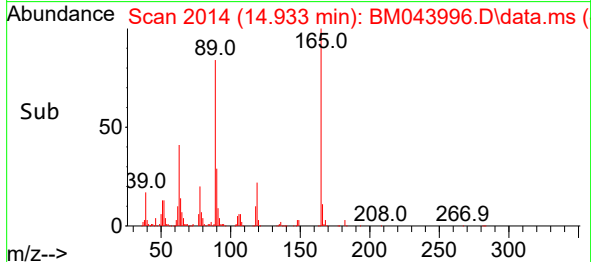
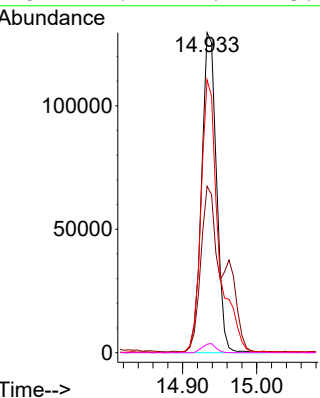
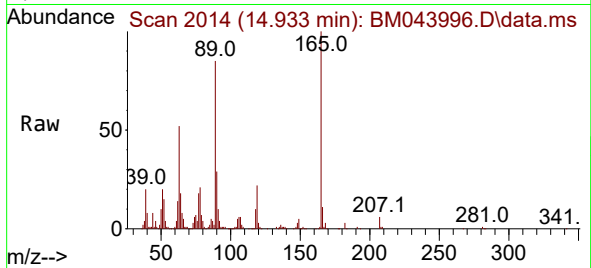
Ion Ratio Lower Upper

165 100

63 52.0 40.2 60.4

89 85.3 63.3 94.9

182 2.7 2.1 3.1



#58

Fluorene

Concen: 10.188 ng

RT: 15.615 min Scan# 2130

Delta R.T. -0.000 min

Lab File: BM043996.D

Acq: 06 Feb 2024 17:39

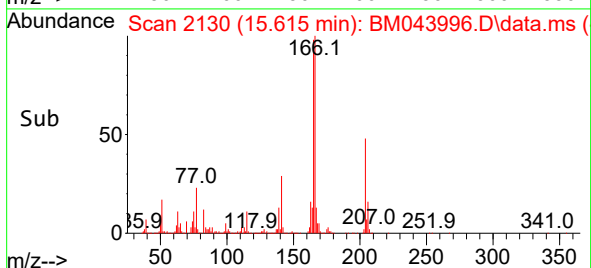
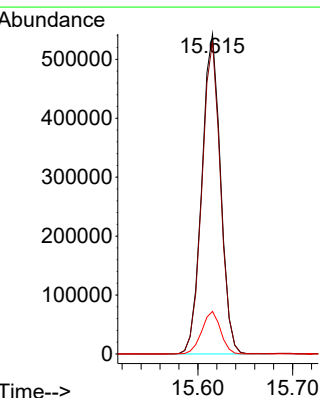
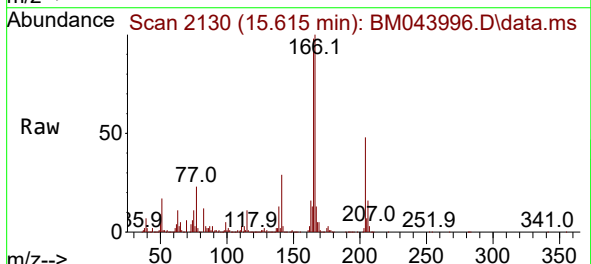
Tgt Ion:166 Resp: 743528

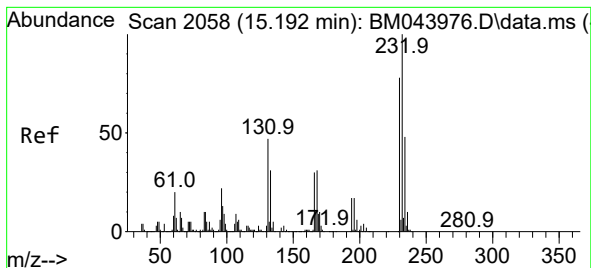
Ion Ratio Lower Upper

166 100

165 97.6 76.3 114.5

167 13.3 10.9 16.3

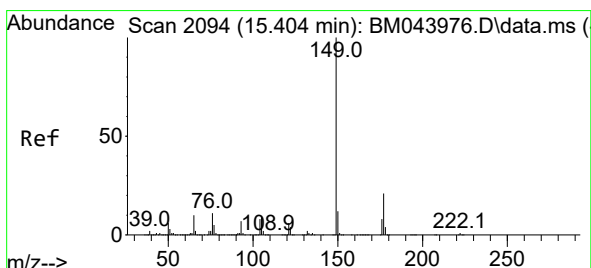
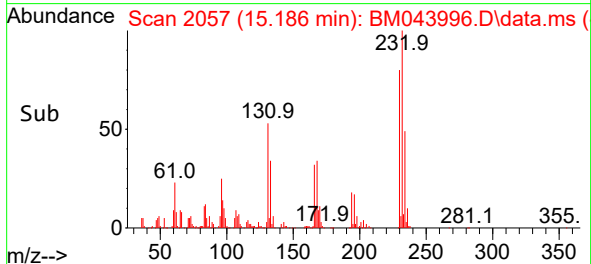
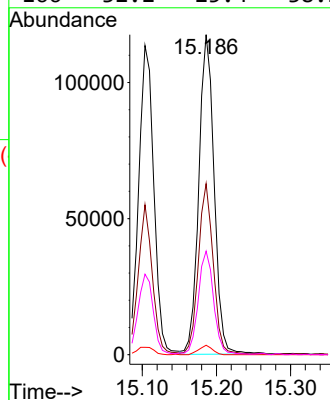
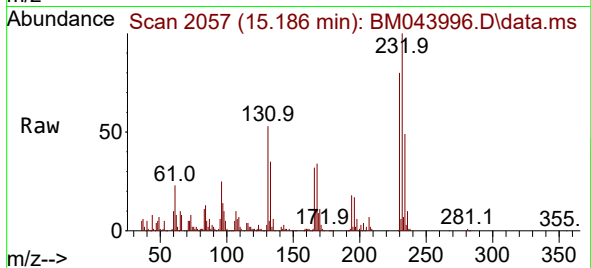




#59
2,3,4,6-Tetrachlorophenol
Concen: 9.793 ng
RT: 15.186 min Scan# 2057
Delta R.T. -0.006 min
Lab File: BM043996.D
Acq: 06 Feb 2024 17:39

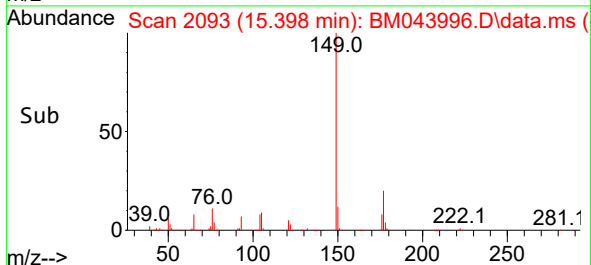
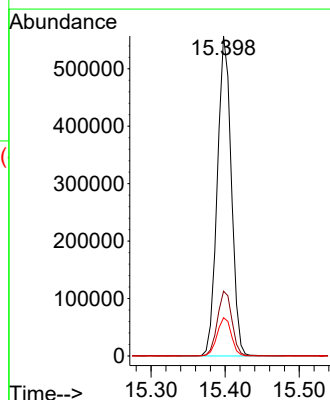
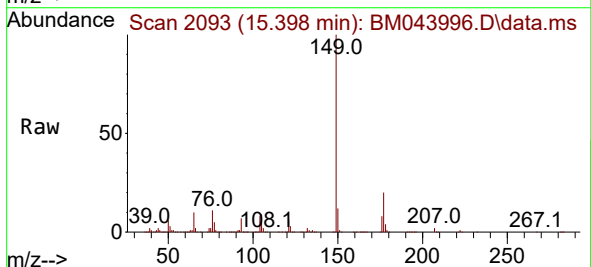
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2024

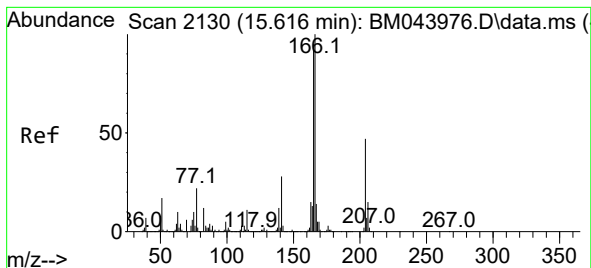
Tgt Ion:232 Resp: 168690
Ion Ratio Lower Upper
232 100
131 51.4 39.8 59.6
130 2.6 2.0 3.0
166 32.2 25.4 38.2



#60
Diethylphthalate
Concen: 9.941 ng
RT: 15.398 min Scan# 2093
Delta R.T. -0.006 min
Lab File: BM043996.D
Acq: 06 Feb 2024 17:39

Tgt Ion:149 Resp: 730392
Ion Ratio Lower Upper
149 100
177 20.2 17.1 25.7
150 11.9 9.8 14.6

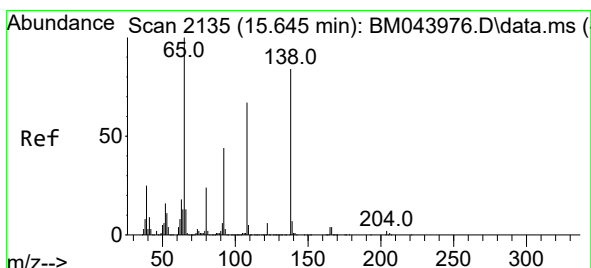
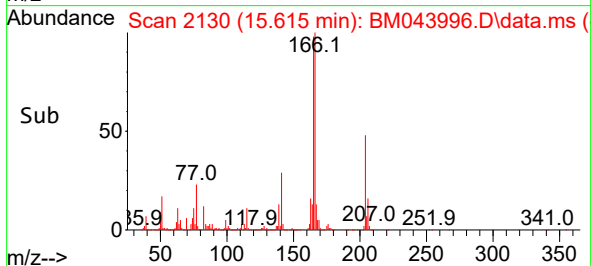
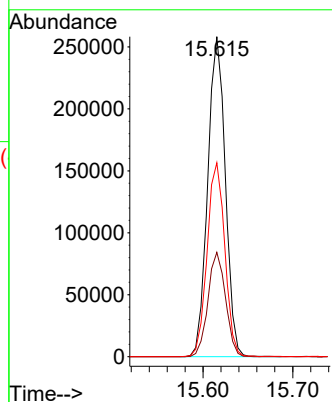
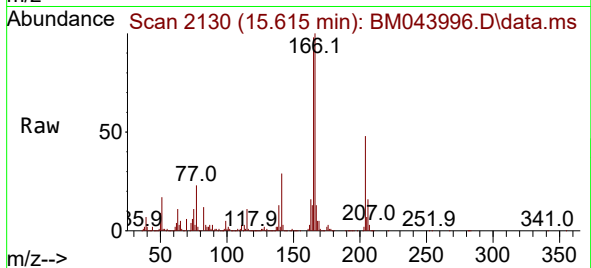




#61
4-Chlorophenyl-phenylether
Concen: 10.328 ng
RT: 15.615 min Scan# 2130
Delta R.T. -0.000 min
Lab File: BM043996.D
Acq: 06 Feb 2024 17:39

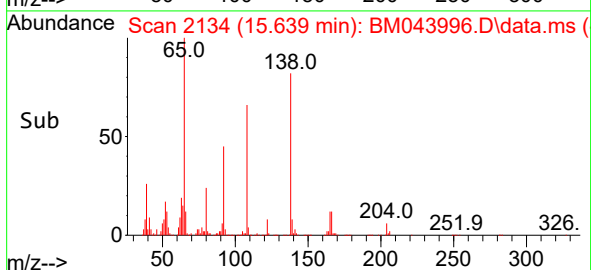
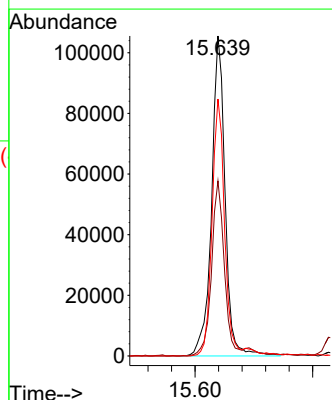
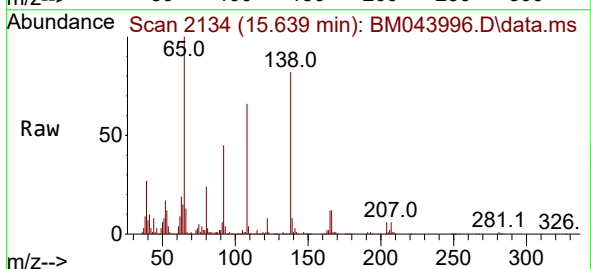
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2024

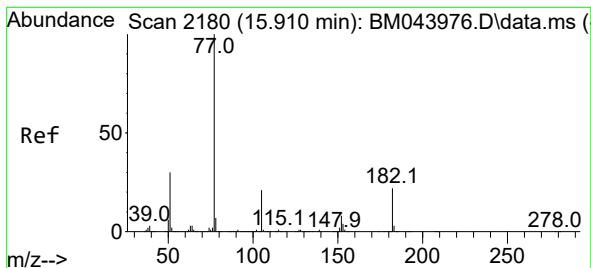
Tgt Ion:204 Resp: 351637
Ion Ratio Lower Upper
204 100
206 32.6 26.2 39.2
141 60.6 48.6 72.8



#62
4-Nitroaniline
Concen: 8.504 ng
RT: 15.639 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BM043996.D
Acq: 06 Feb 2024 17:39

Tgt Ion:138 Resp: 168397
Ion Ratio Lower Upper
138 100
92 54.7 32.7 72.7
108 80.3 60.0 100.0





#63

Azobenzene

Concen: 10.161 ng

RT: 15.909 min Scan# 2180

Delta R.T. -0.000 min

Lab File: BM043996.D

Acq: 06 Feb 2024 17:39

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2024

Tgt Ion: 77 Resp: 745659

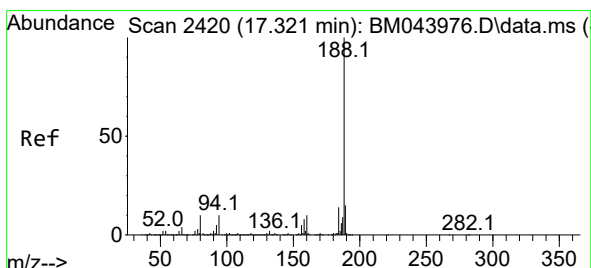
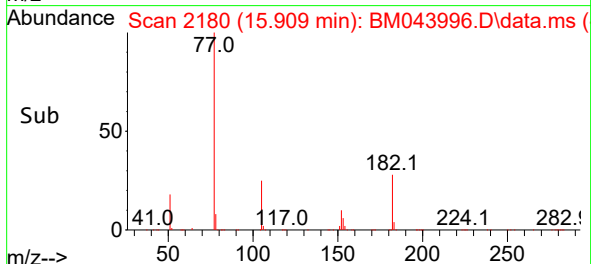
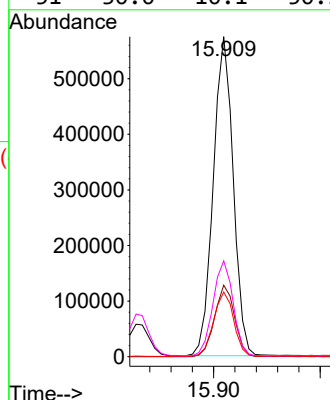
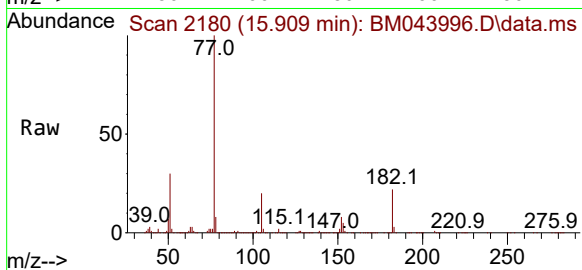
Ion Ratio Lower Upper

77 100

182 22.3 2.0 42.0

105 20.2 0.5 40.5

51 30.0 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: BM043996.D

Acq: 06 Feb 2024 17:39

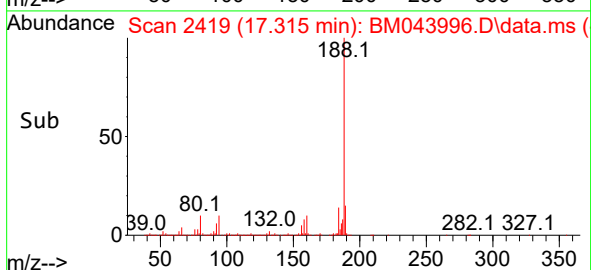
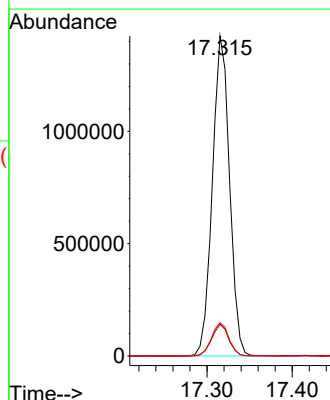
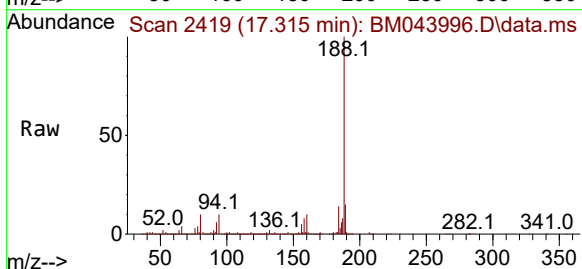
Tgt Ion:188 Resp: 1997399

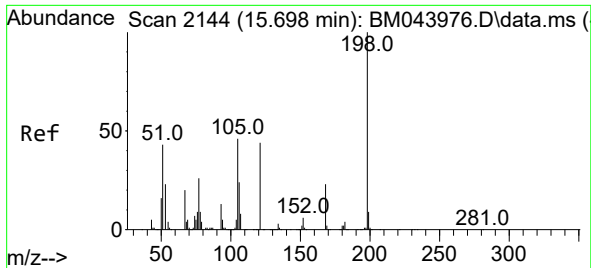
Ion Ratio Lower Upper

188 100

94 9.9 7.7 11.5

80 10.4 8.2 12.4

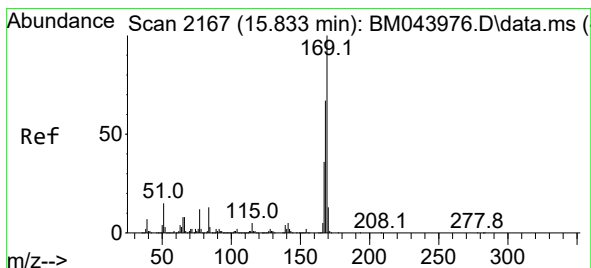
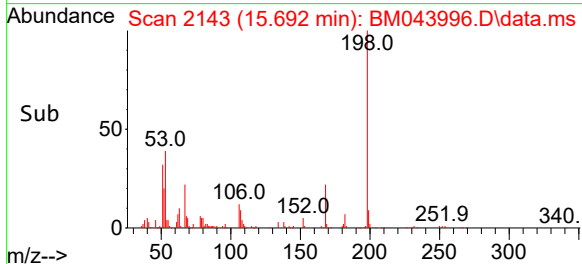
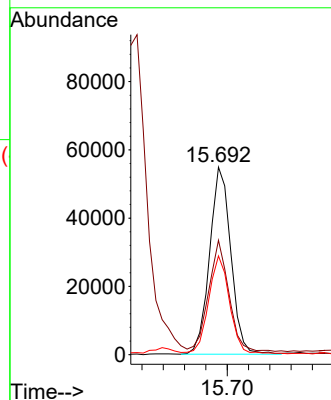
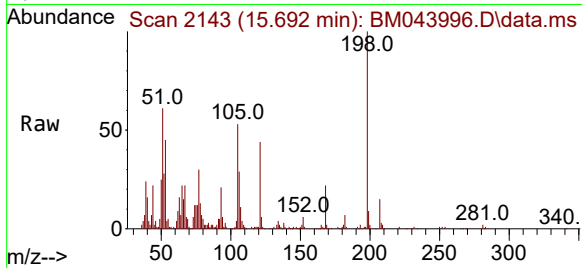




#65
4,6-Dinitro-2-methylphenol
Concen: 11.552 ng
RT: 15.692 min Scan# 2144
Delta R.T. -0.006 min
Lab File: BM043996.D
Acq: 06 Feb 2024 17:39

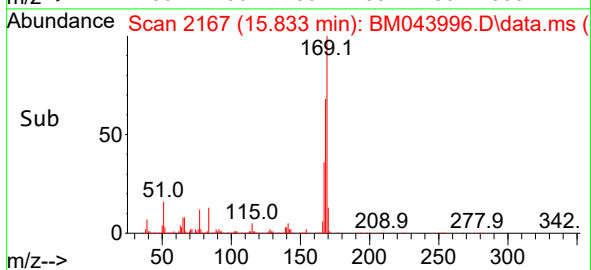
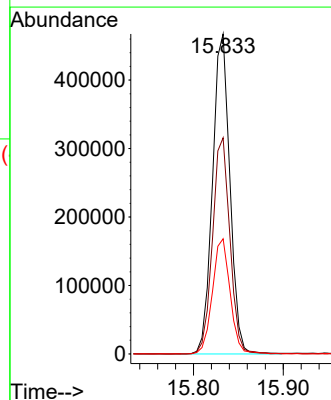
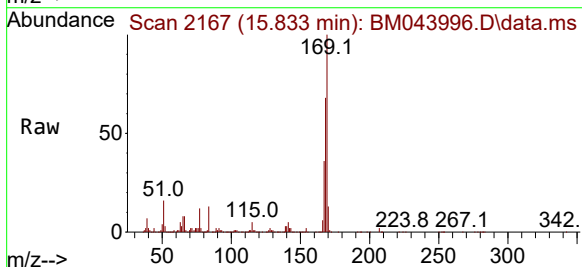
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2024

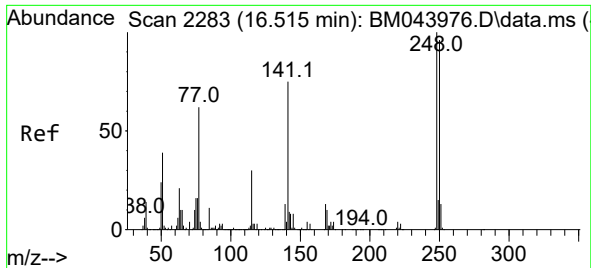
Tgt Ion:198 Resp: 75882
Ion Ratio Lower Upper
198 100
51 61.0 31.9 71.9
105 52.7 28.1 68.1



#66
n-Nitrosodiphenylamine
Concen: 10.545 ng
RT: 15.833 min Scan# 2167
Delta R.T. -0.000 min
Lab File: BM043996.D
Acq: 06 Feb 2024 17:39

Tgt Ion:169 Resp: 627394
Ion Ratio Lower Upper
169 100
168 67.6 53.4 80.2
167 36.0 29.0 43.4

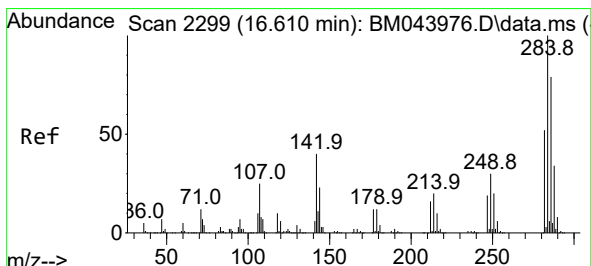
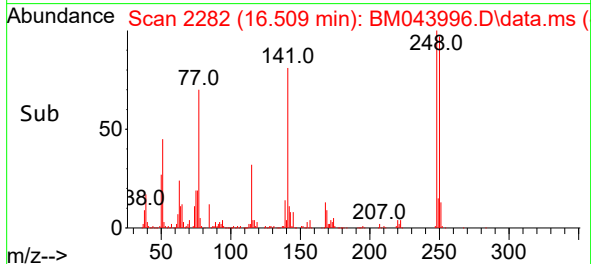
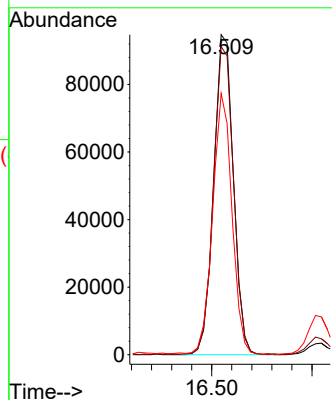
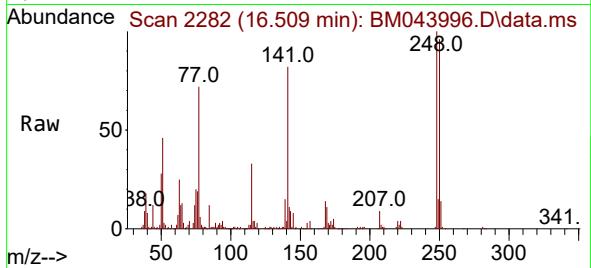




#67
4-Bromophenyl-phenylether
Concen: 6.562 ng
RT: 16.509 min Scan# 2111
Delta R.T. -0.006 min
Lab File: BM043996.D
Acq: 06 Feb 2024 17:39

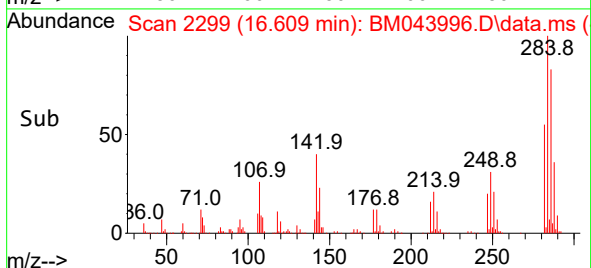
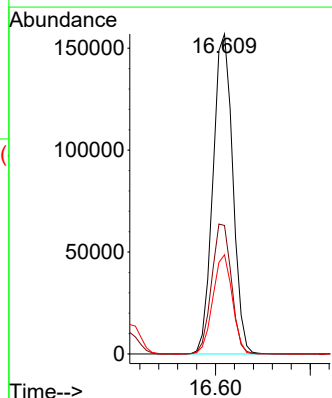
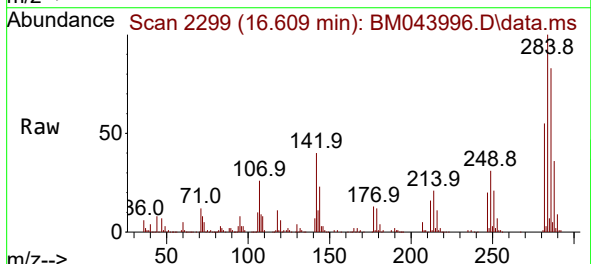
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2024

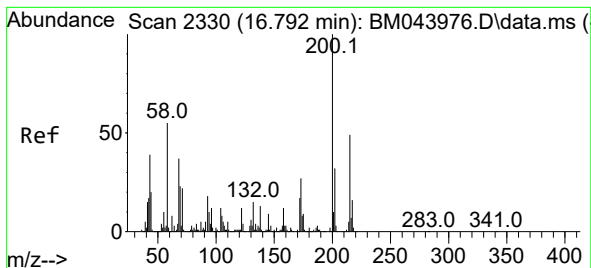
Tgt Ion:248	Resp:	129113
Ion Ratio	Lower	Upper
248	100	
250	96.3	115.4
141	81.7	89.9



#68
Hexachlorobenzene
Concen: 9.704 ng
RT: 16.609 min Scan# 2299
Delta R.T. -0.000 min
Lab File: BM043996.D
Acq: 06 Feb 2024 17:39

Tgt Ion:284	Resp:	227657
Ion Ratio	Lower	Upper
284	100	
142	40.2	48.4
249	31.0	36.6





#69

Atrazine

Concen: 12.254 ng

RT: 16.792 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM043996.D

Acq: 06 Feb 2024 17:39

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2024

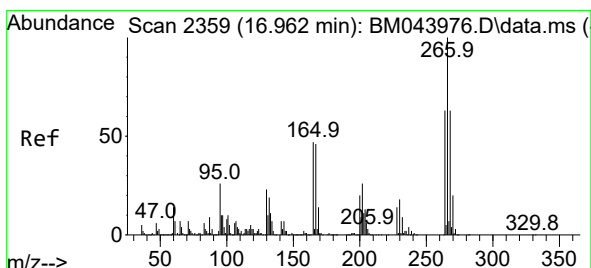
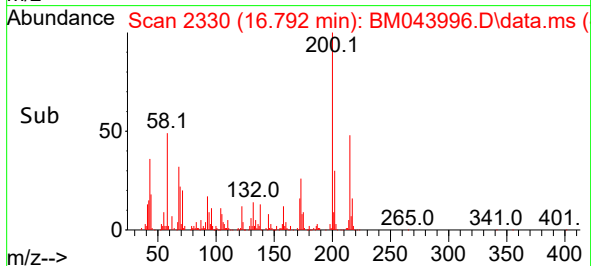
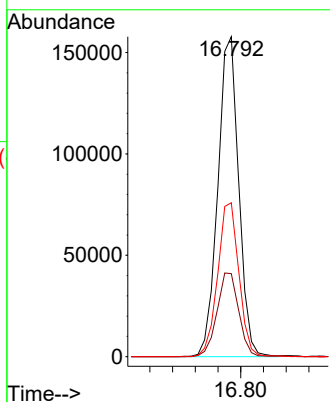
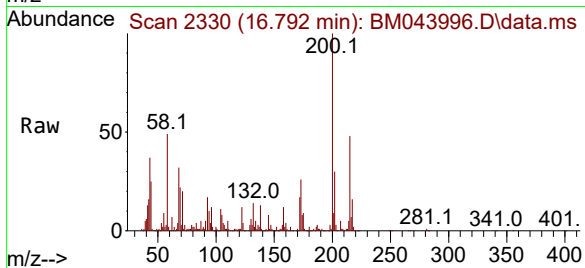
Tgt Ion:200 Resp: 201704

Ion Ratio Lower Upper

200 100

173 26.0 7.3 47.3

215 48.1 28.7 68.7



#70

Pentachlorophenol

Concen: 7.714 ng

RT: 16.956 min Scan# 2358

Delta R.T. -0.006 min

Lab File: BM043996.D

Acq: 06 Feb 2024 17:39

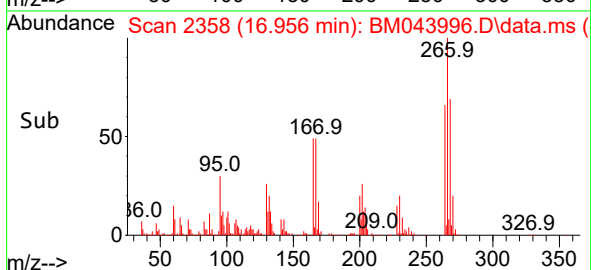
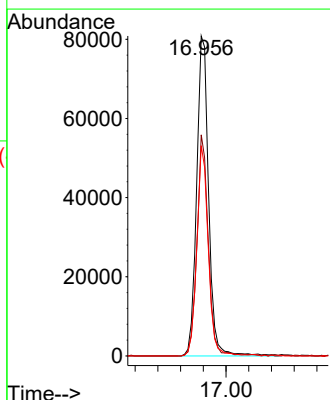
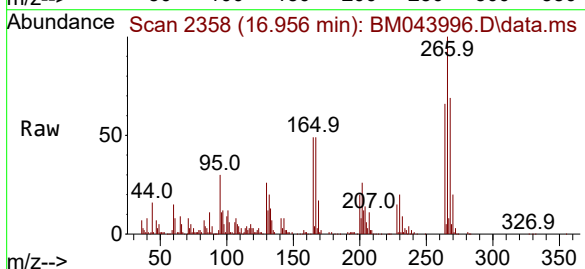
Tgt Ion:266 Resp: 118830

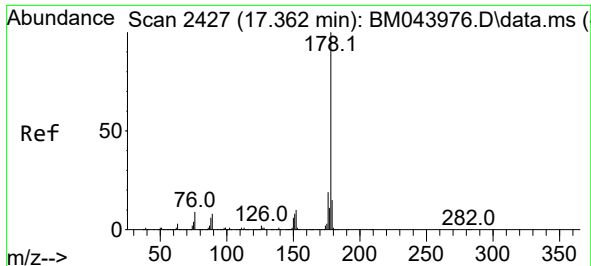
Ion Ratio Lower Upper

266 100

268 69.1 50.6 76.0

264 65.7 50.6 76.0

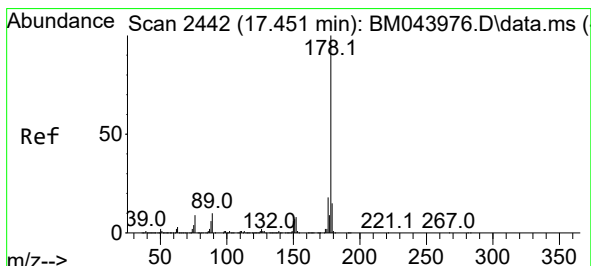
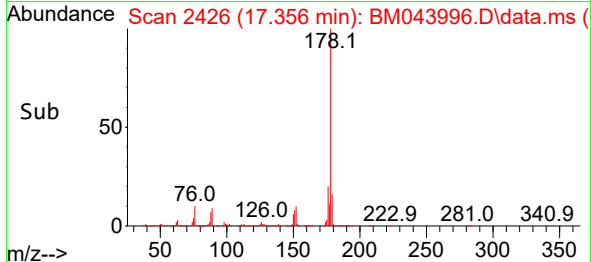
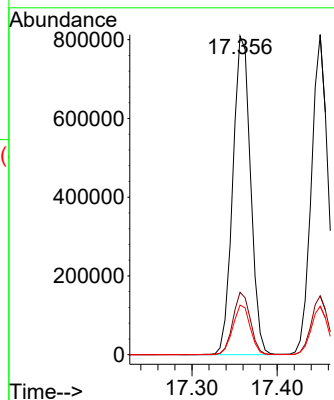
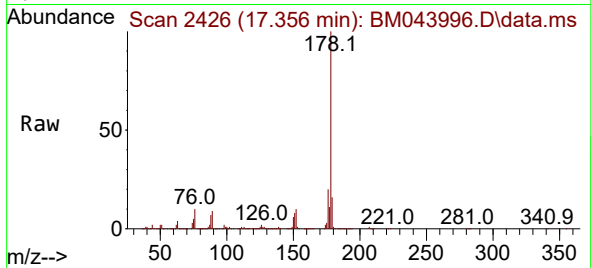




#71
Phenanthrene
Concen: 10.520 ng
RT: 17.356 min Scan# 2427
Delta R.T. -0.006 min
Lab File: BM043996.D
Acq: 06 Feb 2024 17:39

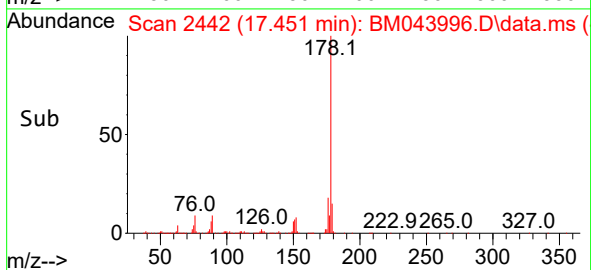
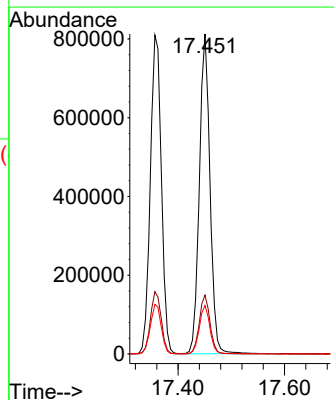
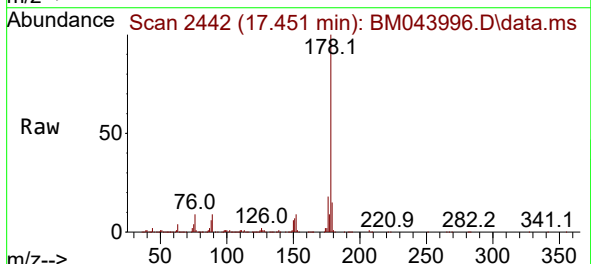
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2024

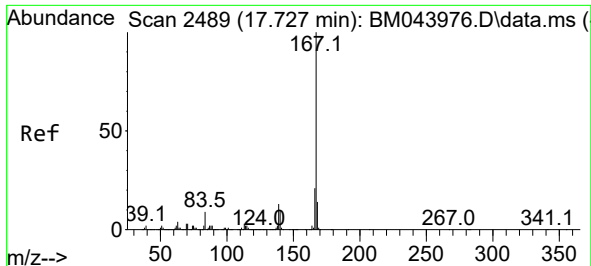
Tgt Ion:178 Resp: 1170338
Ion Ratio Lower Upper
178 100
176 19.6 15.3 22.9
179 15.6 12.4 18.6



#72
Anthracene
Concen: 10.314 ng
RT: 17.451 min Scan# 2442
Delta R.T. -0.000 min
Lab File: BM043996.D
Acq: 06 Feb 2024 17:39

Tgt Ion:178 Resp: 1123341
Ion Ratio Lower Upper
178 100
176 18.4 14.6 22.0
179 15.2 12.2 18.4

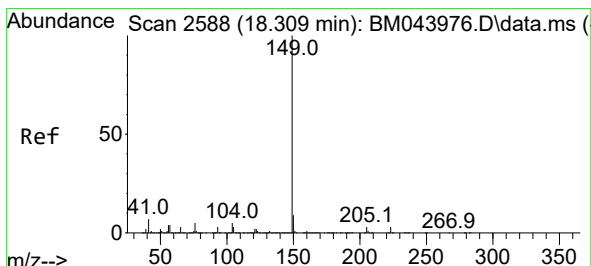
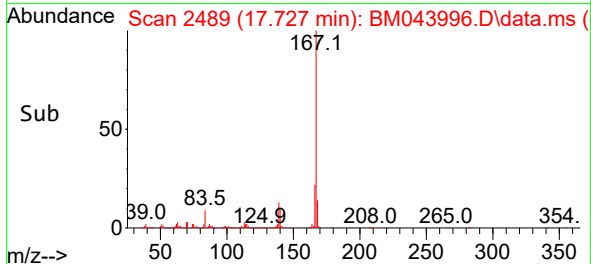
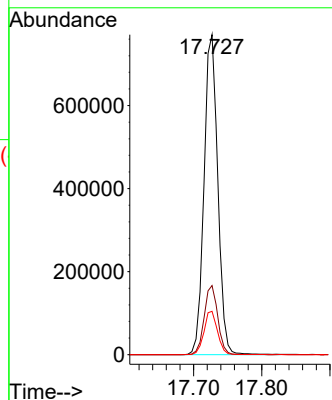
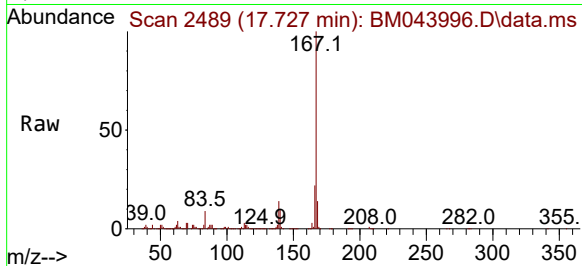




#73
 Carbazole
 Concen: 9.585 ng
 RT: 17.727 min Scan# 2489
 Delta R.T. -0.000 min
 Lab File: BM043996.D
 Acq: 06 Feb 2024 17:39

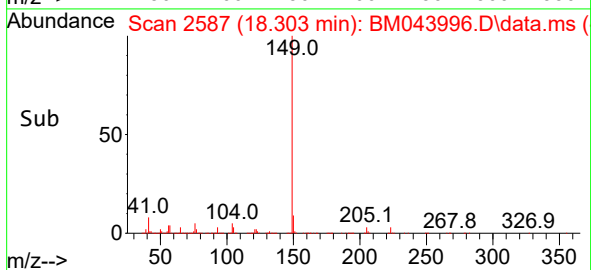
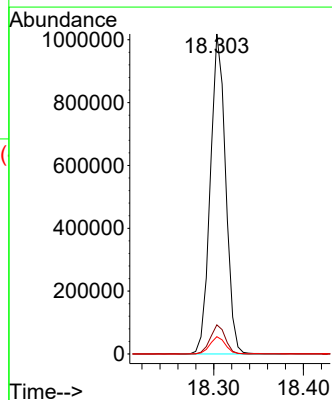
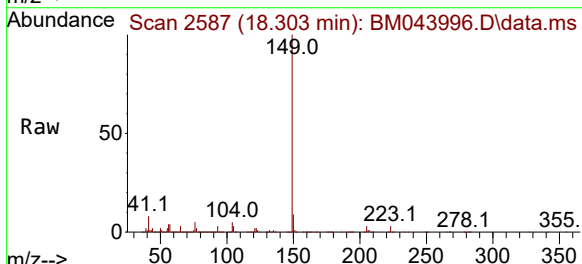
Instrument : BNA_M
 ClientSampleId : LOQ-WATER-02-QT1-2024

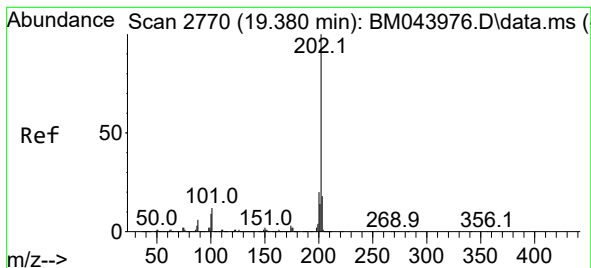
Tgt Ion:167 Resp: 1081168
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.1 25.7
 139 13.5 10.6 15.8



#74
 Di-n-butylphthalate
 Concen: 9.745 ng
 RT: 18.303 min Scan# 2587
 Delta R.T. -0.006 min
 Lab File: BM043996.D
 Acq: 06 Feb 2024 17:39

Tgt Ion:149 Resp: 1205537
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 5.4 4.1 6.1





#75

Fluoranthene

Concen: 9.509 ng

RT: 19.380 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM043996.D

Acq: 06 Feb 2024 17:39

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2024

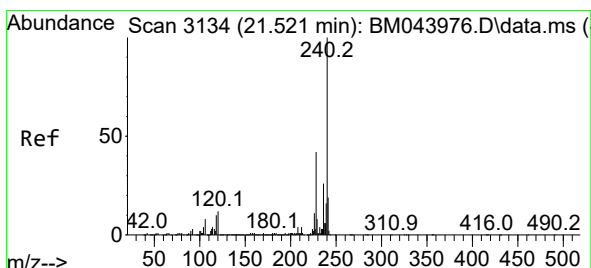
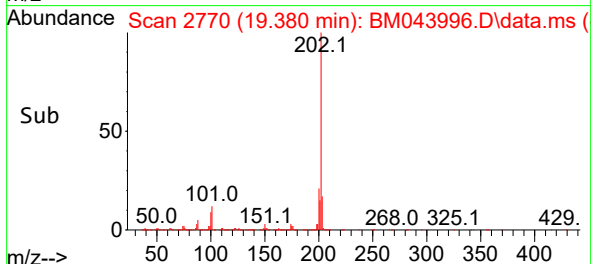
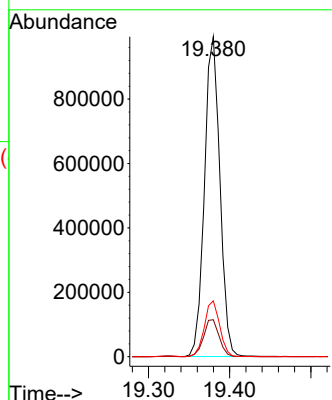
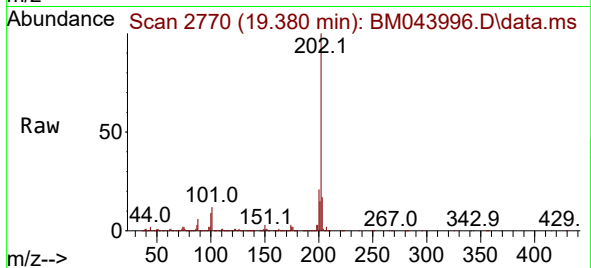
Tgt Ion:202 Resp: 1308274

Ion Ratio Lower Upper

202 100

101 11.5 0.0 31.9

203 17.4 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: BM043996.D

Acq: 06 Feb 2024 17:39

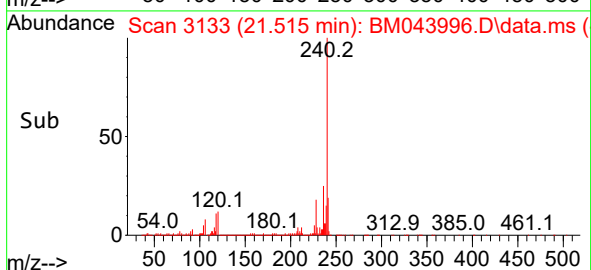
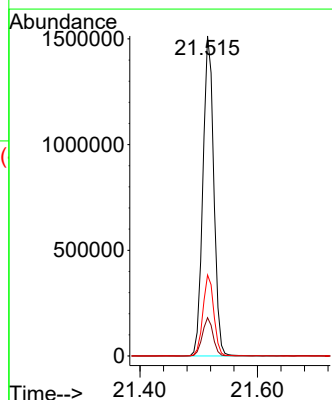
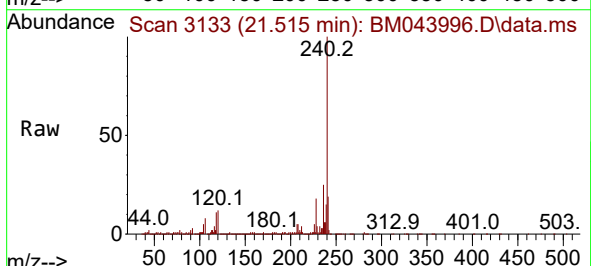
Tgt Ion:240 Resp: 1941833

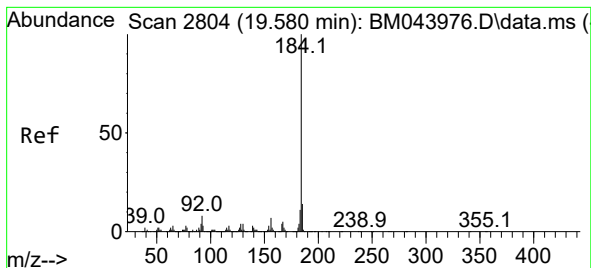
Ion Ratio Lower Upper

240 100

120 11.9 9.3 13.9

236 25.3 20.5 30.7





#77

Benzidine

Concen: 20.704 ng

RT: 19.580 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM043996.D

Acq: 06 Feb 2024 17:39

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2024

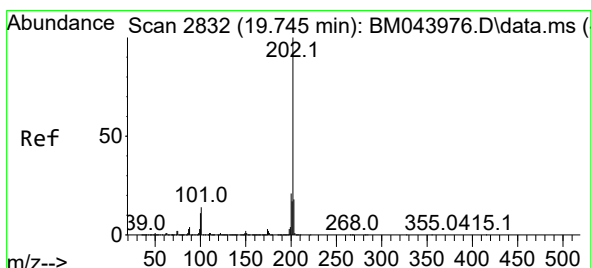
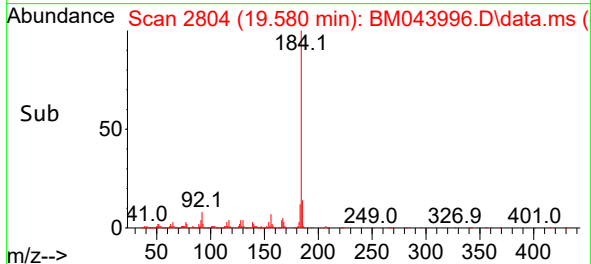
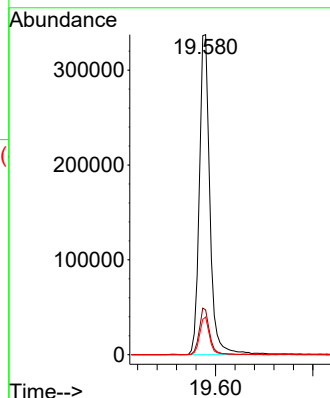
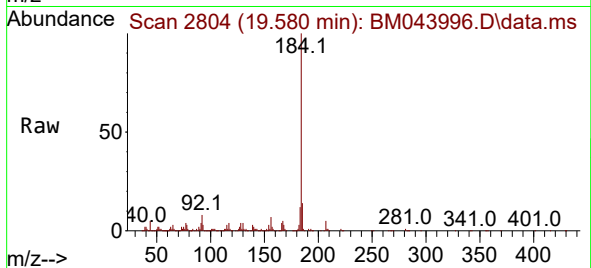
Tgt Ion:184 Resp: 510089

Ion Ratio Lower Upper

184 100

185 14.0 11.5 17.3

183 11.7 8.9 13.3



#78

Pyrene

Concen: 10.537 ng

RT: 19.745 min Scan# 2832

Delta R.T. -0.000 min

Lab File: BM043996.D

Acq: 06 Feb 2024 17:39

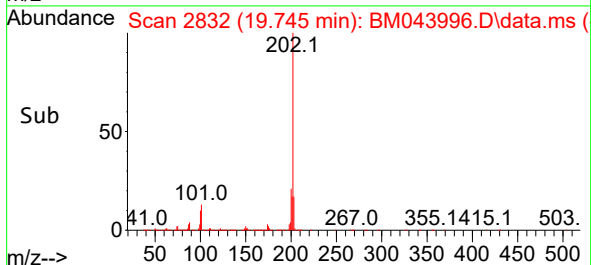
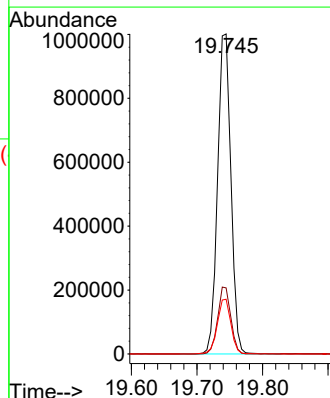
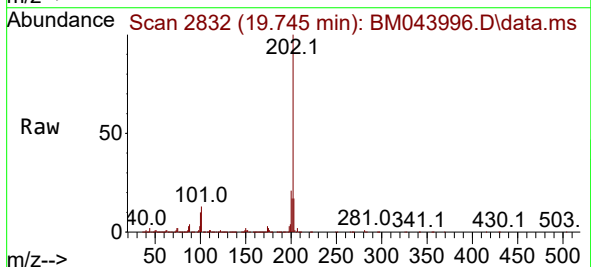
Tgt Ion:202 Resp: 1406450

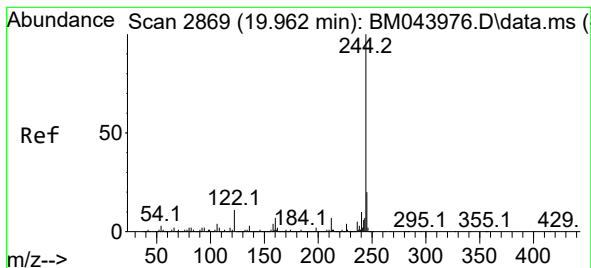
Ion Ratio Lower Upper

202 100

200 20.7 16.8 25.2

203 17.1 14.2 21.4





#79

Terphenyl-d14

Concen: 95.948 ng

RT: 19.956 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM043996.D

Acq: 06 Feb 2024 17:39

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2024

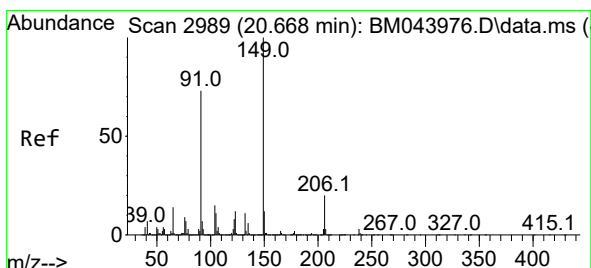
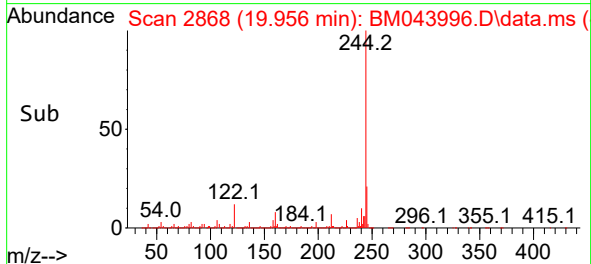
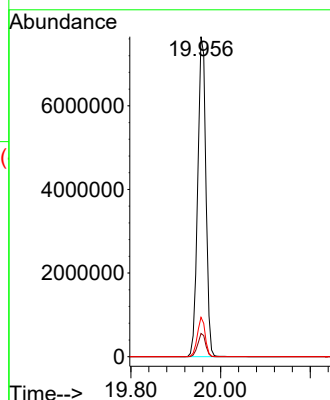
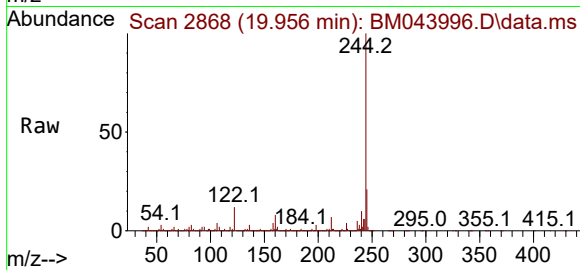
Tgt Ion:244 Resp: 9651493

Ion Ratio Lower Upper

244 100

212 7.3 5.5 8.3

122 12.3 8.7 13.1



#80

Butylbenzylphthalate

Concen: 9.654 ng

RT: 20.662 min Scan# 2988

Delta R.T. -0.006 min

Lab File: BM043996.D

Acq: 06 Feb 2024 17:39

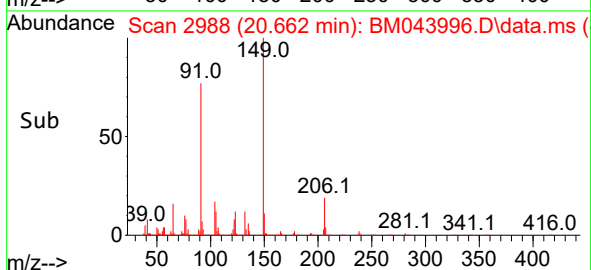
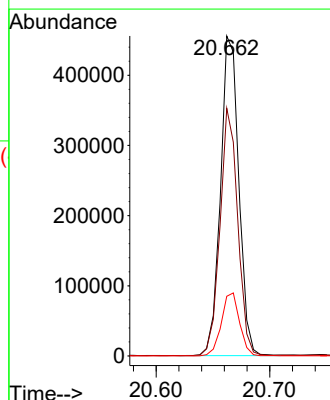
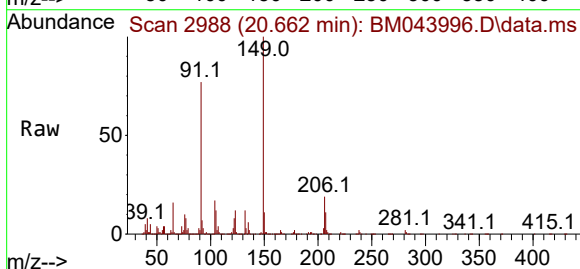
Tgt Ion:149 Resp: 510250

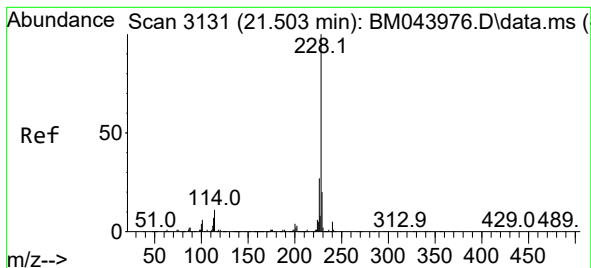
Ion Ratio Lower Upper

149 100

91 77.4 58.4 87.6

206 18.7 15.8 23.6





#81

Benzo(a)anthracene

Concen: 10.396 ng

RT: 21.503 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM043996.D

Acq: 06 Feb 2024 17:39

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2024

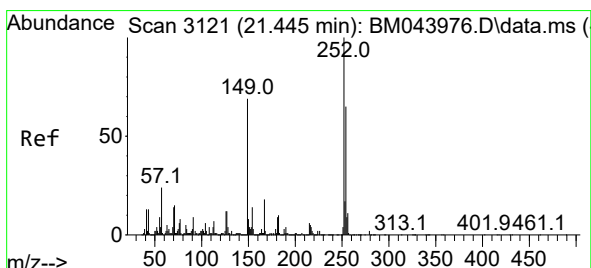
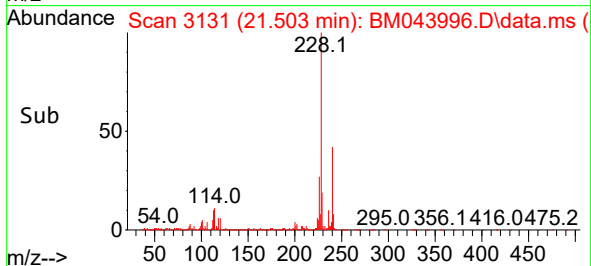
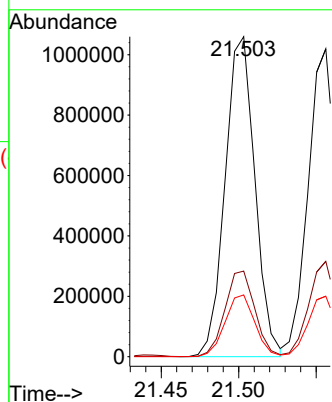
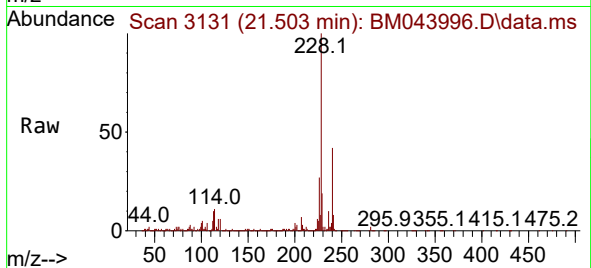
Tgt Ion:228 Resp: 1416249

Ion Ratio Lower Upper

228 100

226 26.8 21.8 32.8

229 19.3 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 10.340 ng

RT: 21.439 min Scan# 3120

Delta R.T. -0.006 min

Lab File: BM043996.D

Acq: 06 Feb 2024 17:39

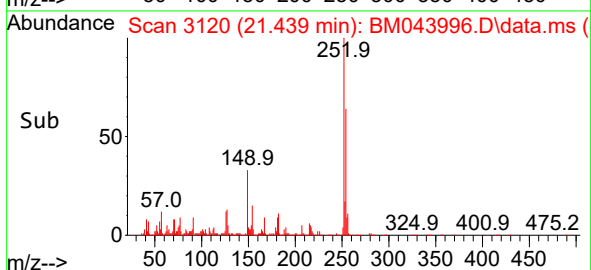
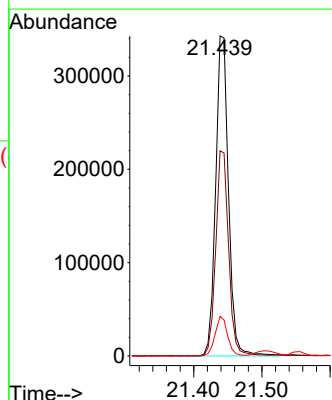
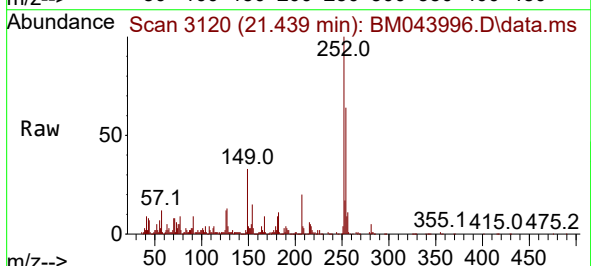
Tgt Ion:252 Resp: 450395

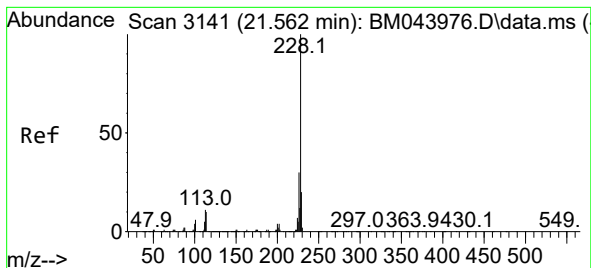
Ion Ratio Lower Upper

252 100

254 64.1 51.6 77.4

126 12.4 9.4 14.2





#83

Chrysene

Concen: 10.162 ng

RT: 21.556 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM043996.D

Acq: 06 Feb 2024 17:39

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2024

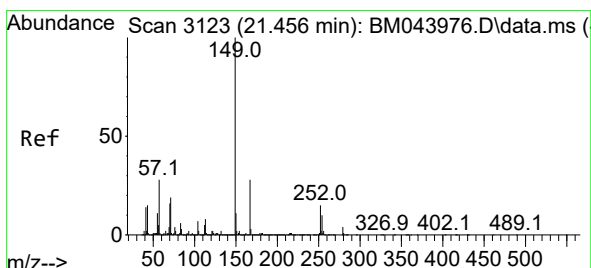
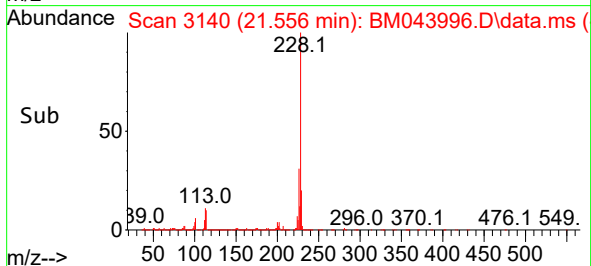
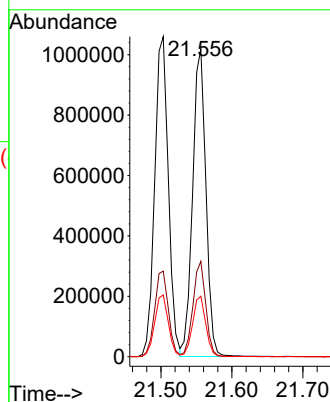
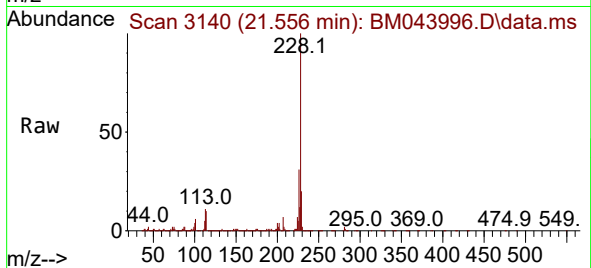
Tgt Ion:228 Resp: 1326247

Ion Ratio Lower Upper

228 100

226 31.0 24.2 36.4

229 19.7 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 10.136 ng

RT: 21.450 min Scan# 3122

Delta R.T. -0.006 min

Lab File: BM043996.D

Acq: 06 Feb 2024 17:39

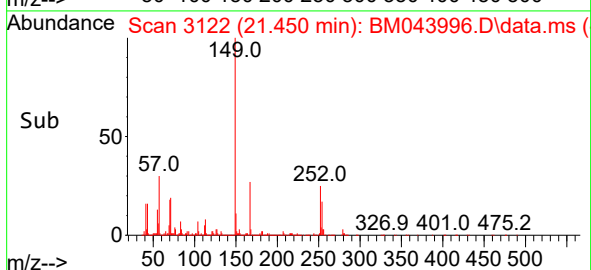
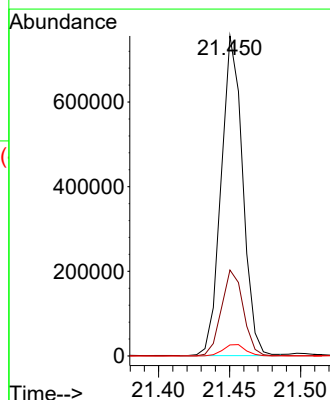
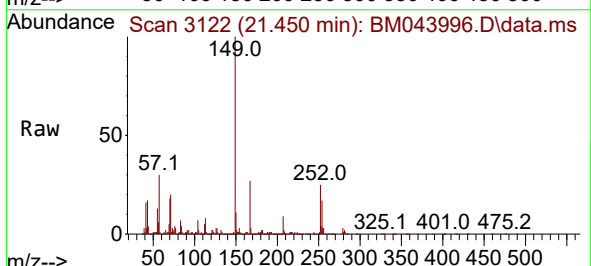
Tgt Ion:149 Resp: 796696

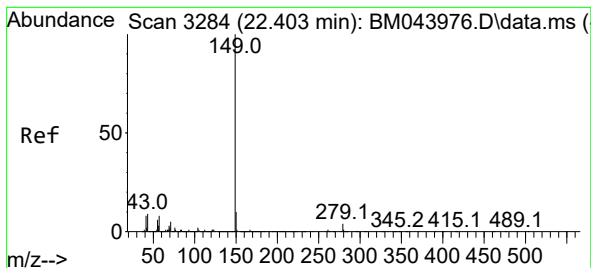
Ion Ratio Lower Upper

149 100

167 26.8 22.0 33.0

279 3.5 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 12.534 ng

RT: 22.397 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM043996.D

Acq: 06 Feb 2024 17:39

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2024

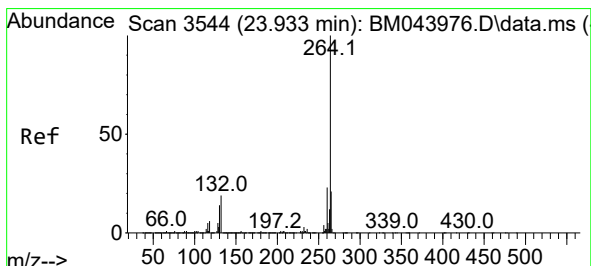
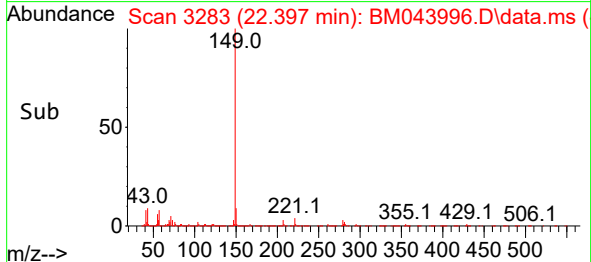
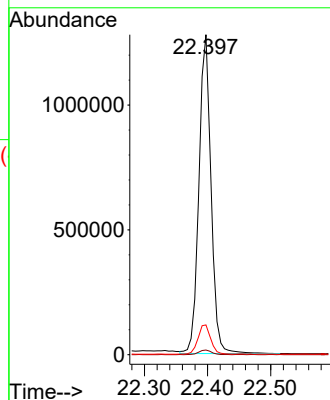
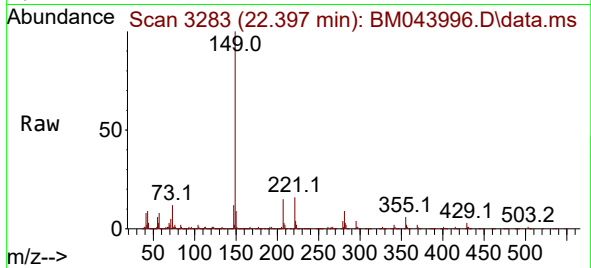
Tgt Ion:149 Resp: 1697225

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 9.6 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: BM043996.D

Acq: 06 Feb 2024 17:39

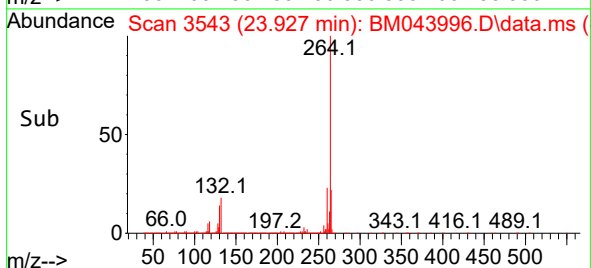
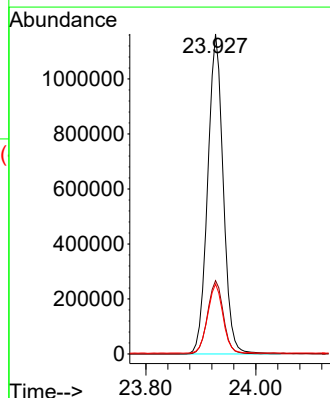
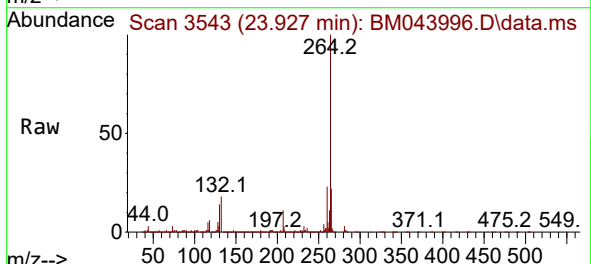
Tgt Ion:264 Resp: 2282328

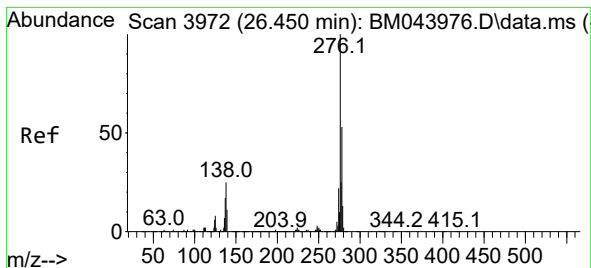
Ion Ratio Lower Upper

264 100

260 22.9 18.6 28.0

265 21.9 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 9.620 ng

RT: 26.426 min Scan# 3972

Delta R.T. -0.024 min

Lab File: BM043996.D

Acq: 06 Feb 2024 17:39

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2024

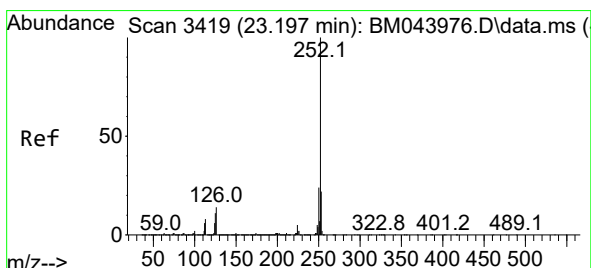
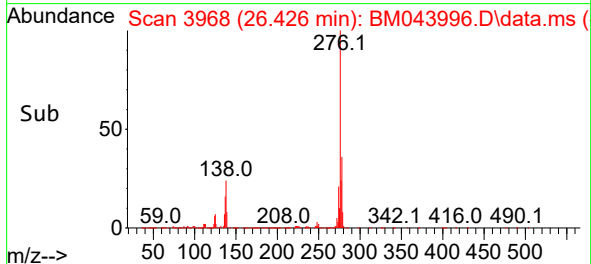
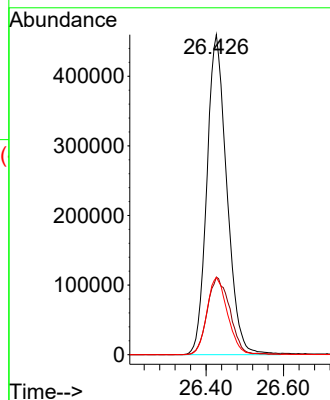
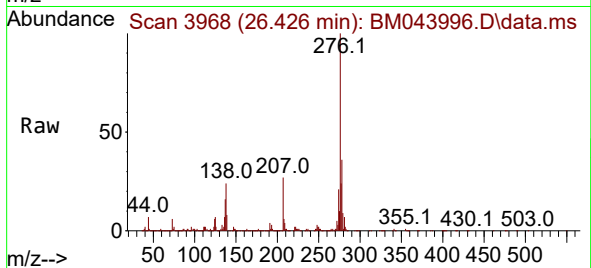
Tgt Ion:276 Resp: 1642909

Ion Ratio Lower Upper

276 100

138 27.7 21.8 32.6

277 25.1 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 10.266 ng

RT: 23.191 min Scan# 3418

Delta R.T. -0.006 min

Lab File: BM043996.D

Acq: 06 Feb 2024 17:39

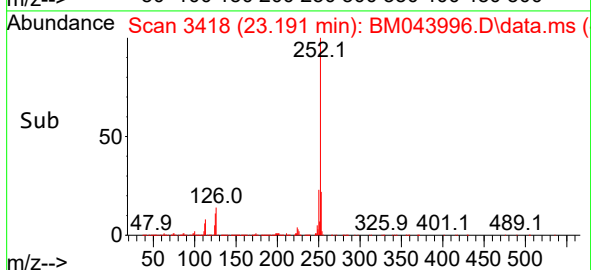
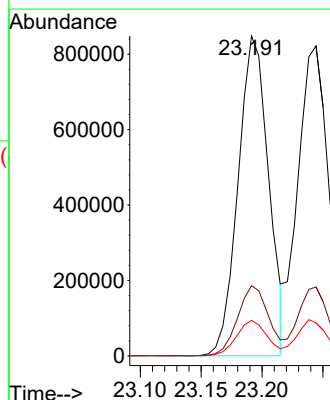
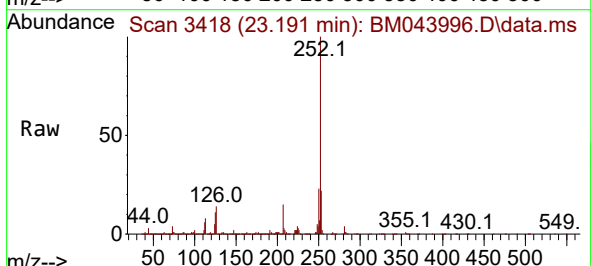
Tgt Ion:252 Resp: 1473864

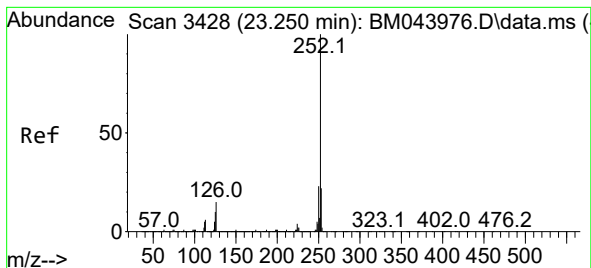
Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 11.1 9.0 13.6





#89

Benzo(k)fluoranthene

Concen: 10.677 ng

RT: 23.244 min Scan# 34

Delta R.T. -0.006 min

Lab File: BM043996.D

Acq: 06 Feb 2024 17:39

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2024

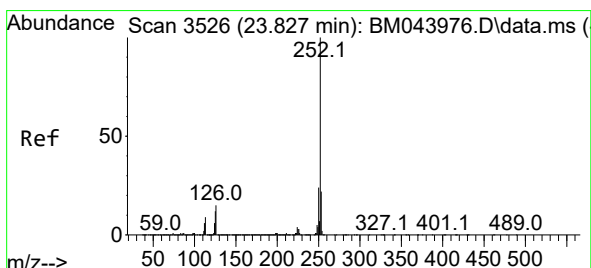
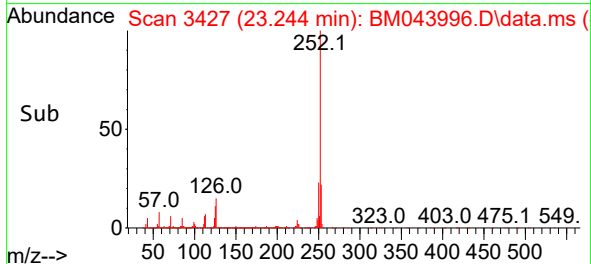
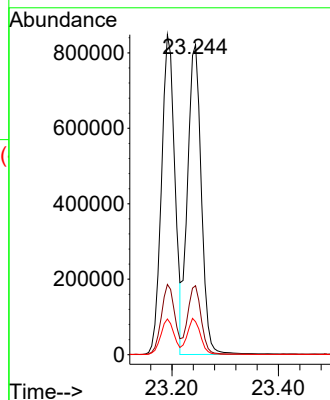
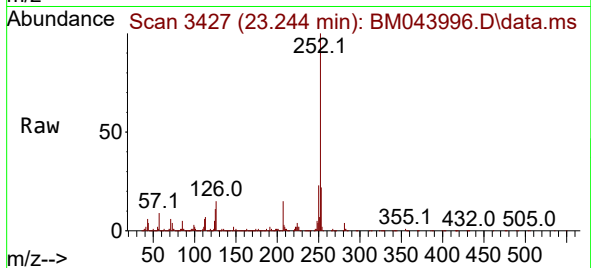
Tgt Ion:252 Resp: 1470651

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.2

125 10.6 8.3 12.5



#90

Benzo(a)pyrene

Concen: 9.868 ng

RT: 23.815 min Scan# 3524

Delta R.T. -0.012 min

Lab File: BM043996.D

Acq: 06 Feb 2024 17:39

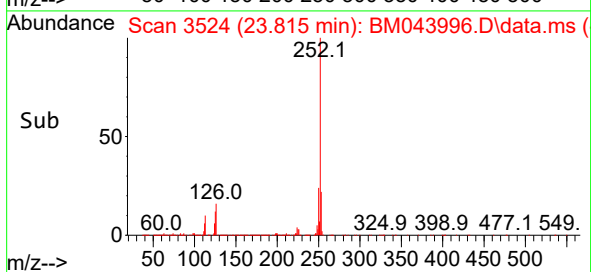
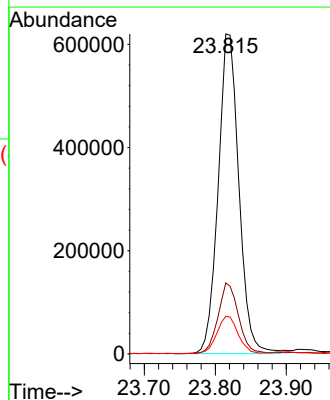
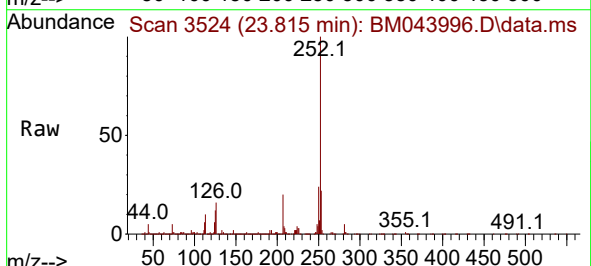
Tgt Ion:252 Resp: 1252173

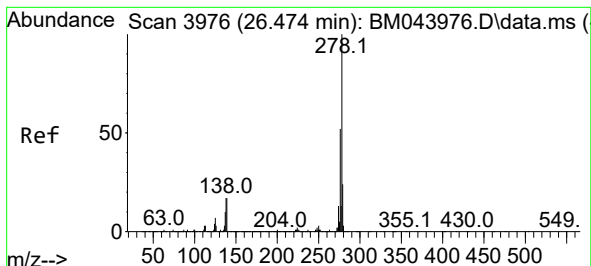
Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 11.7 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 9.841 ng

RT: 26.456 min Scan# 3

Delta R.T. -0.018 min

Lab File: BM043996.D

Acq: 06 Feb 2024 17:39

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2024

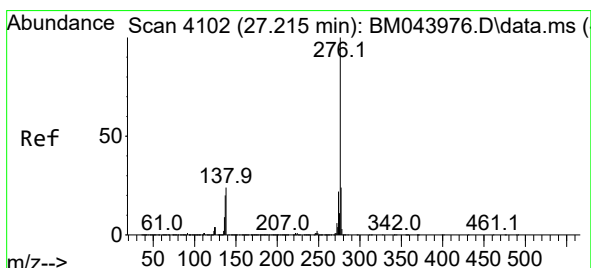
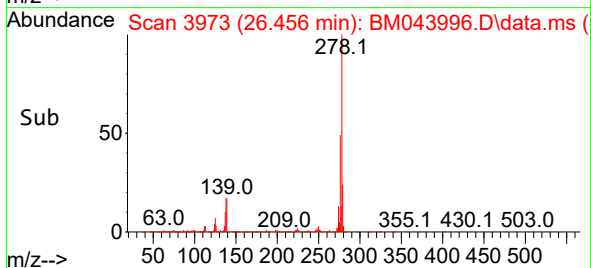
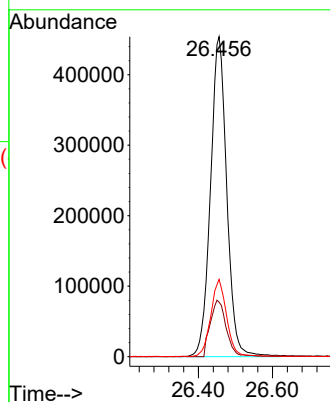
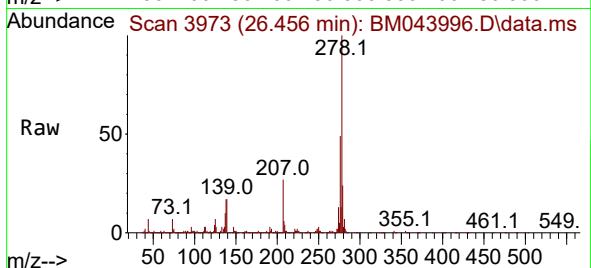
Tgt Ion:278 Resp: 1386007

Ion Ratio Lower Upper

278 100

139 17.1 13.7 20.5

279 24.1 19.3 28.9



#92

Benzo(g,h,i)perylene

Concen: 9.221 ng

RT: 27.191 min Scan# 4098

Delta R.T. -0.024 min

Lab File: BM043996.D

Acq: 06 Feb 2024 17:39

Tgt Ion:276 Resp: 1324640

Ion Ratio Lower Upper

276 100

277 23.6 19.0 28.4

138 24.0 18.8 28.2

