

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020624\
 Data File : BM043992.D
 Acq On : 06 Feb 2024 15:15
 Operator : MA/JU
 Sample : 04699-08
 Misc : LOQ-WATER-10PPM
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Feb 07 03:08:09 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	303842	20.000	ng	0.00
21) Naphthalene-d8	10.722	136	1371180	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	861042	20.000	ng	0.00
64) Phenanthrene-d10	17.316	188	1859960	20.000	ng	0.00
76) Chrysene-d12	21.515	240	1860586	20.000	ng	0.00
86) Perylene-d12	23.927	264	2105145	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	3037842	147.645	ng	0.00
7) Phenol-d6	7.087	99	4126086	135.725	ng	0.00
23) Nitrobenzene-d5	9.093	82	2398335	84.316	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	1397188	133.116	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	5345785	85.309	ng	0.00
79) Terphenyl-d14	19.957	244	8996317	93.340	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.399	88	95074	11.956	ng	99
3) Pyridine	3.793	79	232421	9.605	ng	98
4) n-Nitrosodimethylamine	3.717	42	105818	10.172	ng	# 99
6) Aniline	7.252	93	346452	11.454	ng	97
8) 2-Chlorophenol	7.481	128	220932	9.671	ng	96
9) Benzaldehyde	7.069	77	224595	12.929	ng	99
10) Phenol	7.116	94	304330	10.068	ng	99
11) bis(2-Chloroethyl)ether	7.357	93	246272	10.395	ng	99
12) 1,3-Dichlorobenzene	7.804	146	252022	10.218	ng	97
13) 1,4-Dichlorobenzene	7.957	146	257349	10.317	ng	99
14) 1,2-Dichlorobenzene	8.269	146	248492	10.102	ng	99
15) Benzyl Alcohol	8.169	79	215799	10.357	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.451	45	337732	10.631	ng	99
17) 2-Methylphenol	8.363	107	187867	9.723	ng	97
18) Hexachloroethane	8.993	117	95955	10.251	ng	93
19) n-Nitroso-di-n-propyla...	8.734	70	203514	10.174	ng	99
20) 3+4-Methylphenols	8.693	107	257429	9.440	ng	99
22) Acetophenone	8.751	105	396472	10.671	ng	98
24) Nitrobenzene	9.134	77	294945	10.335	ng	99
25) Isophorone	9.657	82	535356	10.110	ng	99
26) 2-Nitrophenol	9.840	139	102917	8.923	ng	96
27) 2,4-Dimethylphenol	9.904	122	176532	11.146	ng	97
28) bis(2-Chloroethoxy)met...	10.151	93	343304	10.617	ng	98
29) 2,4-Dichlorophenol	10.369	162	201196	9.960	ng	96
30) 1,2,4-Trichlorobenzene	10.587	180	229536	10.060	ng	98
31) Naphthalene	10.775	128	775421	10.146	ng	99
32) Benzoic acid	9.975	122	100849	11.660	ng	94
33) 4-Chloroaniline	10.893	127	332456	10.583	ng	97
34) Hexachlorobutadiene	11.051	225	123351	9.913	ng	99
35) Caprolactam	11.663	113	74349	8.975	ng	95
36) 4-Chloro-3-methylphenol	12.010	107	236092	9.544	ng	99
37) 2-Methylnaphthalene	12.387	142	533450	10.009	ng	100
38) 1-Methylnaphthalene	12.604	142	519867	9.771	ng	100
40) 1,2,4,5-Tetrachloroben...	12.751	216	256505	10.504	ng	99
41) Hexachlorocyclopentadiene	12.722	237	97478	12.136	ng	99
43) 2,4,6-Trichlorophenol	12.992	196	157879	9.566	ng	99

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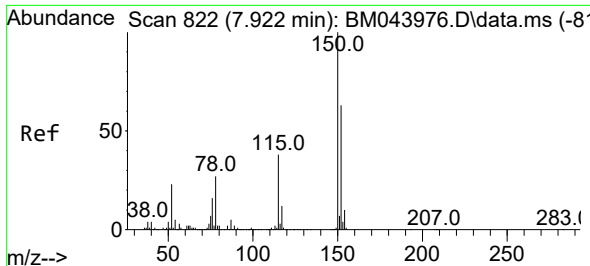
Quant Time: Feb 07 03:08:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 07:03:31 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.063	196	176725	9.386	ng	98
46) 1,1'-Biphenyl	13.398	154	708833	10.469	ng	99
47) 2-Chloronaphthalene	13.439	162	544993	10.093	ng	100
48) 2-Nitroaniline	13.651	65	164685	9.377	ng	98
49) Acenaphthylene	14.286	152	897737	10.876	ng	100
50) Dimethylphthalate	14.033	163	678119	10.139	ng	99
51) 2,6-Dinitrotoluene	14.151	165	139893	9.516	ng	98
52) Acenaphthene	14.628	154	523554	10.005	ng	99
53) 3-Nitroaniline	14.481	138	161105	9.439	ng	96
54) 2,4-Dinitrophenol	14.681	184	49204	12.318	ng	99
55) Dibenzofuran	14.963	168	851704	10.459	ng	100
56) 4-Nitrophenol	14.781	139	133279	8.936	ng	97
57) 2,4-Dinitrotoluene	14.933	165	178844	8.739	ng	96
58) Fluorene	15.616	166	688848	10.017	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.186	232	162782	10.028	ng	99
60) Diethylphthalate	15.398	149	680656	9.831	ng	99
61) 4-Chlorophenyl-phenyle...	15.616	204	321615	10.024	ng	99
62) 4-Nitroaniline	15.639	138	170498	9.137	ng	98
63) Azobenzene	15.910	77	704145	10.182	ng	99
65) 4,6-Dinitro-2-methylph...	15.692	198	75160	11.893	ng	95
66) n-Nitrosodiphenylamine	15.827	169	583756	10.536	ng	100
67) 4-Bromophenyl-phenylether	16.510	248	136967	7.475	ng	98
68) Hexachlorobenzene	16.610	284	214821	9.833	ng	98
69) Atrazine	16.786	200	188788	12.317	ng	98
70) Pentachlorophenol	16.957	266	113650	7.923	ng	99
71) Phenanthrene	17.357	178	1089441	10.516	ng	99
72) Anthracene	17.451	178	1066399	10.514	ng	99
73) Carbazole	17.727	167	1041220	9.913	ng	100
74) Di-n-butylphthalate	18.304	149	1125446	9.770	ng	100
75) Fluoranthene	19.380	202	1236446	9.651	ng	98
77) Benzidine	19.574	184	523472	22.175	ng	99
78) Pyrene	19.739	202	1335751	10.444	ng	99
80) Butylbenzylphthalate	20.662	149	492722	9.729	ng	98
81) Benzo(a)anthracene	21.498	228	1373139	10.520	ng	99
82) 3,3'-Dichlorobenzidine	21.439	252	435707	10.439	ng	98
83) Chrysene	21.551	228	1256957	10.051	ng	99
84) Bis(2-ethylhexyl)phtha...	21.451	149	748084	9.933	ng	99
85) Di-n-octyl phthalate	22.398	149	1224607	9.439	ng	100
87) Indeno(1,2,3-cd)pyrene	26.427	276	1511886	9.598	ng	99
88) Benzo(b)fluoranthene	23.192	252	1331410	10.055	ng	100
89) Benzo(k)fluoranthene	23.245	252	1311963	10.327	ng	99
90) Benzo(a)pyrene	23.815	252	1157315	9.888	ng	99
91) Dibenzo(a,h)anthracene	26.456	278	1266015	9.745	ng	98
92) Benzo(g,h,i)perylene	27.186	276	1220006	9.207	ng	99

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

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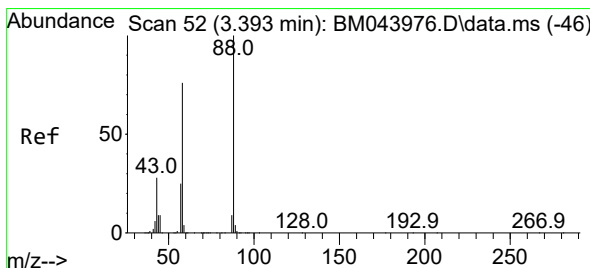
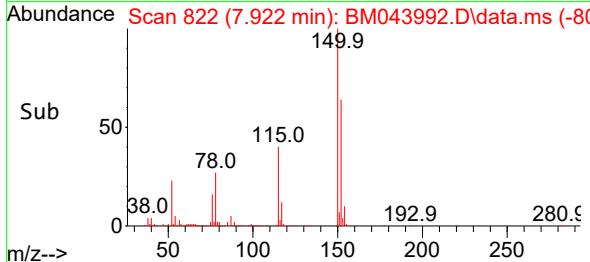
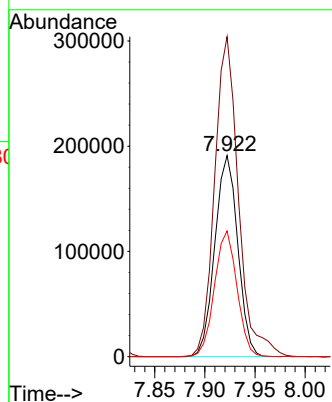
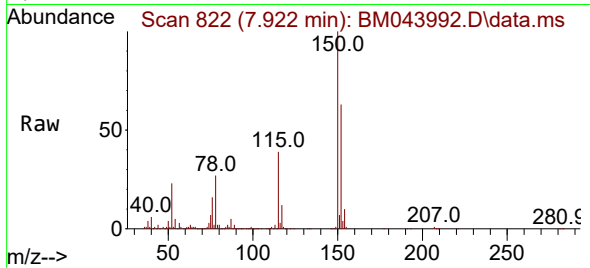




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.922 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BM043992.D
 Acq: 06 Feb 2024 15:15

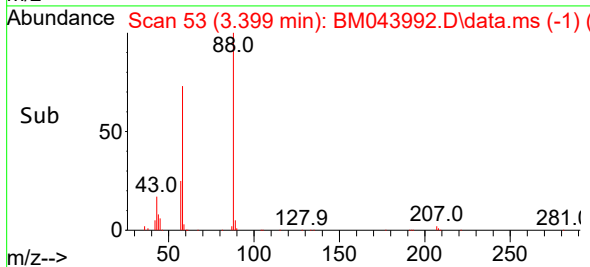
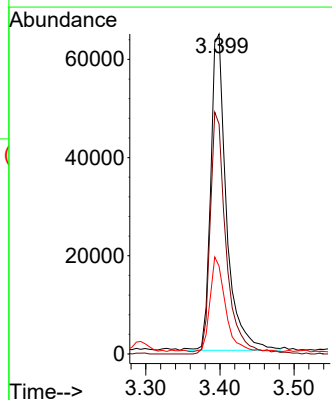
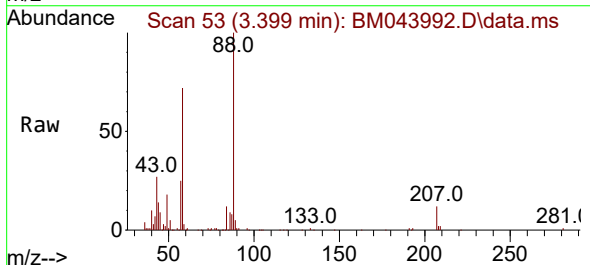
Instrument :
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 LOQ-WATER-02-QT4-2023

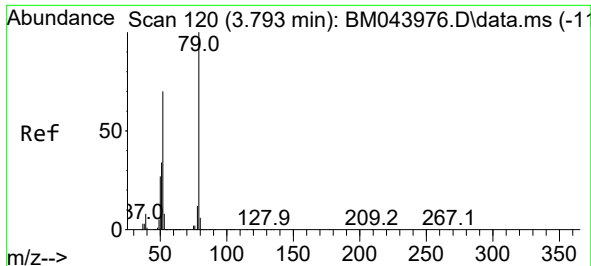
Tgt Ion:152 Resp: 303842
 Ion Ratio Lower Upper
 152 100
 150 159.1 126.1 189.1
 115 62.5 48.2 72.2



#2
 1,4-Dioxane
 Concen: 11.956 ng
 RT: 3.399 min Scan# 53
 Delta R.T. 0.006 min
 Lab File: BM043992.D
 Acq: 06 Feb 2024 15:15

Tgt Ion: 88 Resp: 95074
 Ion Ratio Lower Upper
 88 100
 58 77.5 61.0 91.6
 43 29.5 23.0 34.6

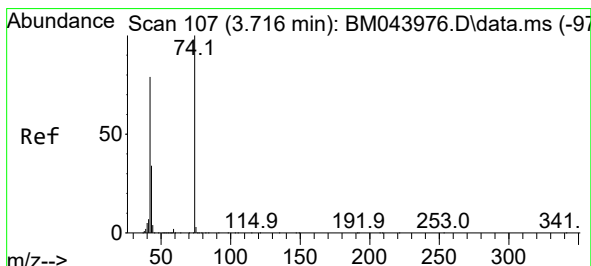
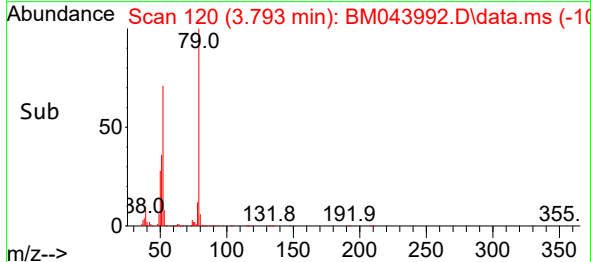
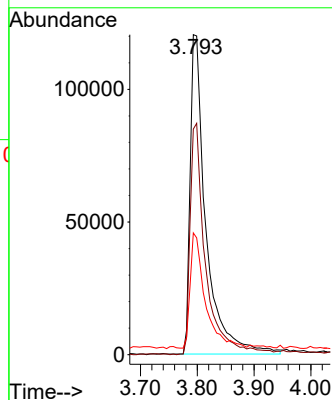
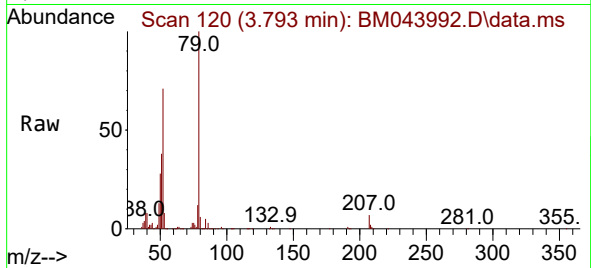




#3
Pyridine
Concen: 9.605 ng
RT: 3.793 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM043992.D
Acq: 06 Feb 2024 15:15

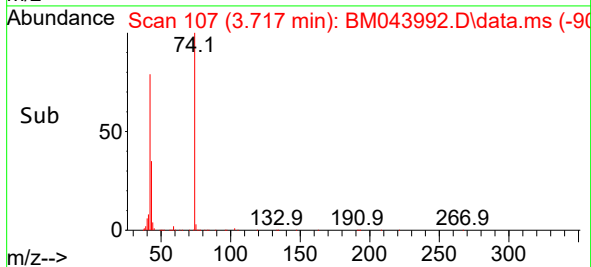
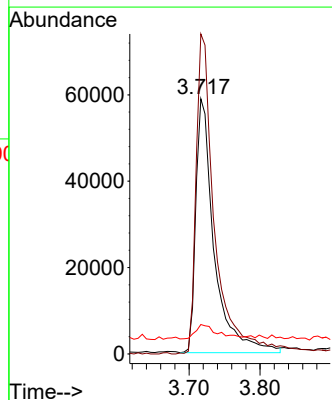
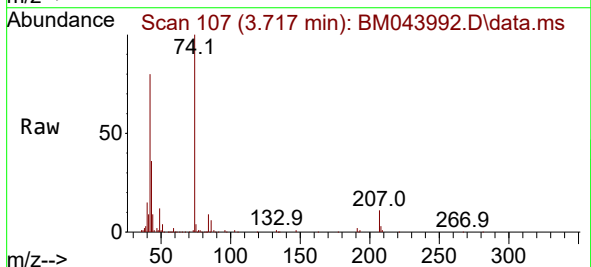
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2023

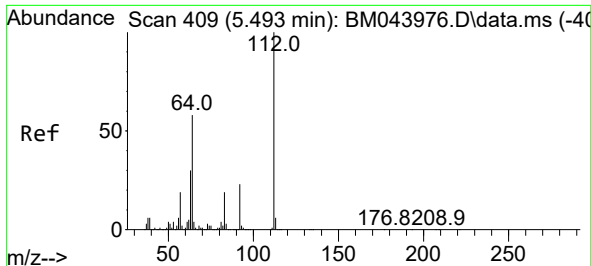
Tgt Ion: 79 Resp: 232421
Ion Ratio Lower Upper
79 100
52 70.5 55.9 83.9
51 38.1 28.2 42.2



#4
n-Nitrosodimethylamine
Concen: 10.172 ng
RT: 3.717 min Scan# 107
Delta R.T. 0.000 min
Lab File: BM043992.D
Acq: 06 Feb 2024 15:15

Tgt Ion: 42 Resp: 105818
Ion Ratio Lower Upper
42 100
74 125.4 100.7 151.1
44 11.5 7.3 10.9#

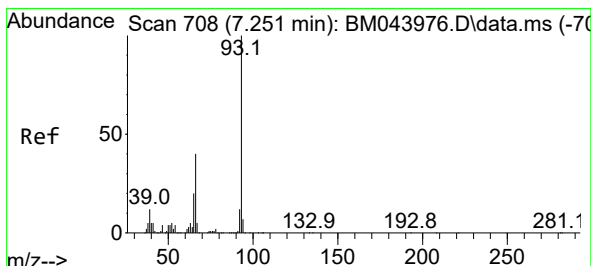
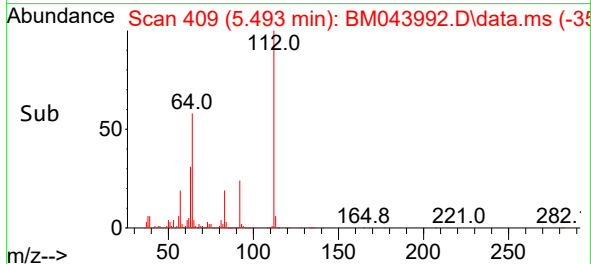
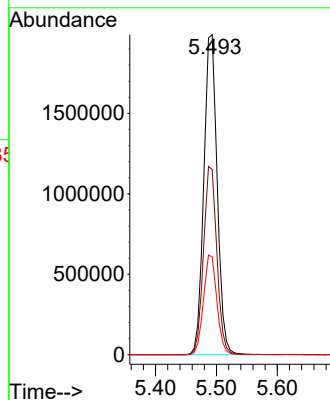
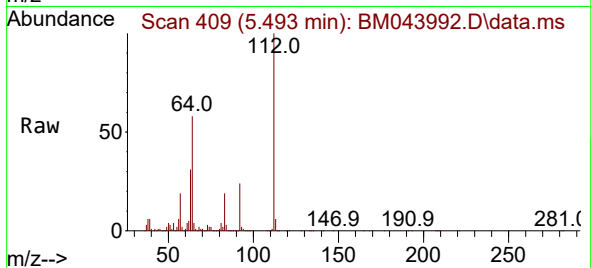




#5
2-Fluorophenol
Concen: 147.645 ng
RT: 5.493 min Scan# 409
Delta R.T. -0.000 min
Lab File: BM043992.D
Acq: 06 Feb 2024 15:15

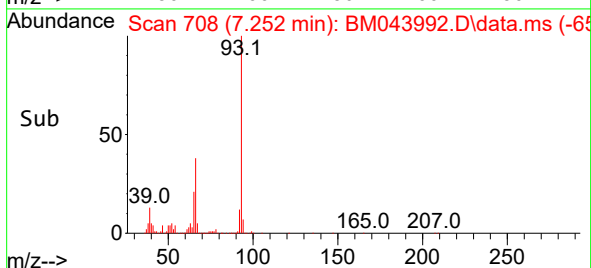
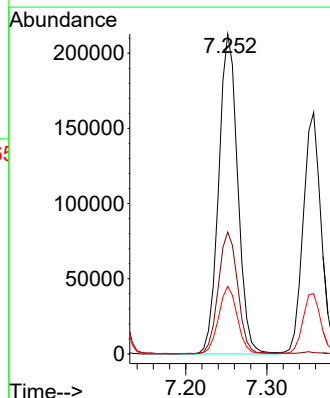
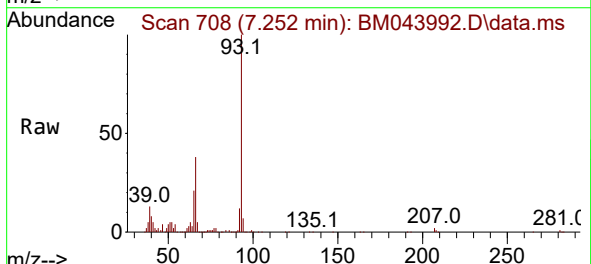
Instrument :
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ClientSampleId :
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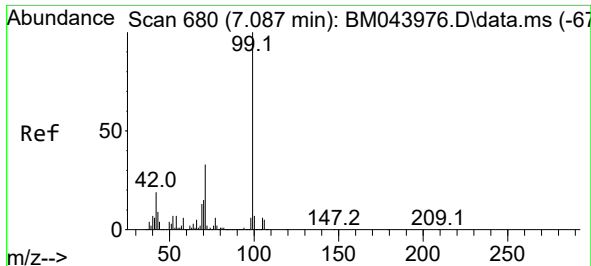
Tgt Ion:112 Resp: 3037842
Ion Ratio Lower Upper
112 100
64 57.9 46.6 70.0
63 30.6 24.2 36.4



#6
Aniline
Concen: 11.454 ng
RT: 7.252 min Scan# 708
Delta R.T. 0.000 min
Lab File: BM043992.D
Acq: 06 Feb 2024 15:15

Tgt Ion: 93 Resp: 346452
Ion Ratio Lower Upper
93 100
66 38.1 32.2 48.2
65 21.1 15.8 23.8



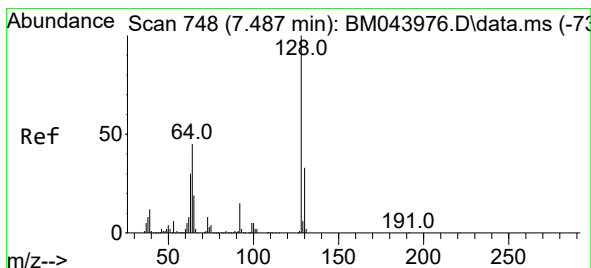
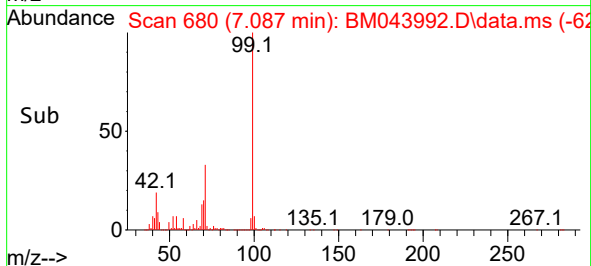
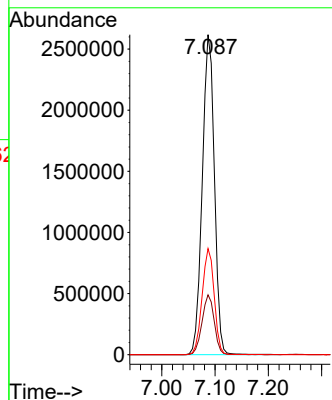
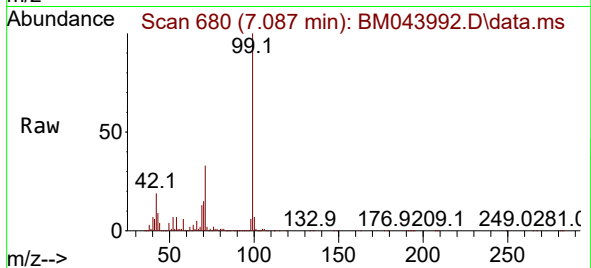


#7
Phenol-d6
Concen: 135.725 ng
RT: 7.087 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM043992.D
Acq: 06 Feb 2024 15:15

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

Tgt Ion: 99 Resp: 4126086

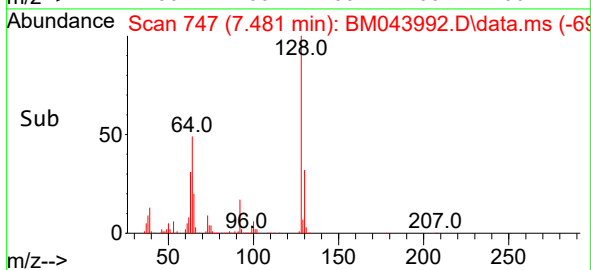
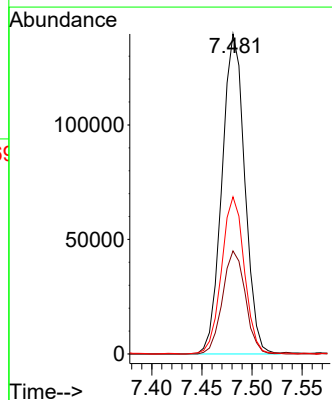
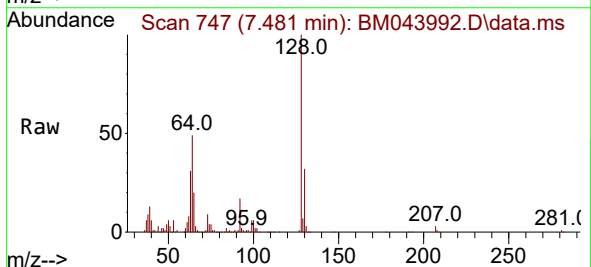
Ion	Ratio	Lower	Upper
99	100		
42	18.7	14.9	22.3
71	33.1	26.3	39.5

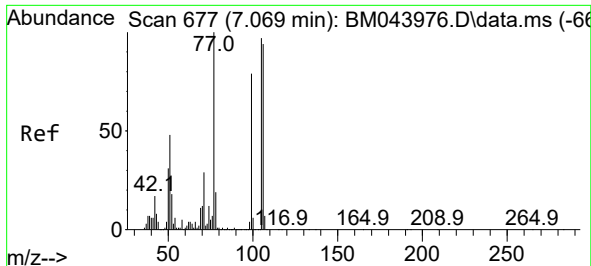


#8
2-Chlorophenol
Concen: 9.671 ng
RT: 7.481 min Scan# 747
Delta R.T. -0.006 min
Lab File: BM043992.D
Acq: 06 Feb 2024 15:15

Tgt Ion:128 Resp: 220932

Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.9	52.9
64	49.1	25.6	65.6

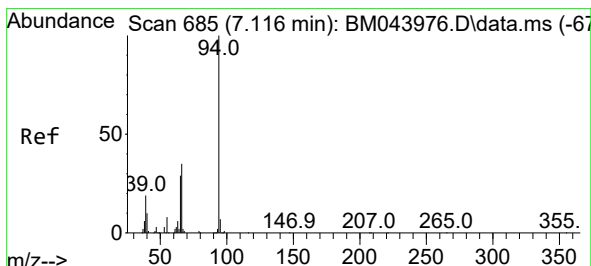
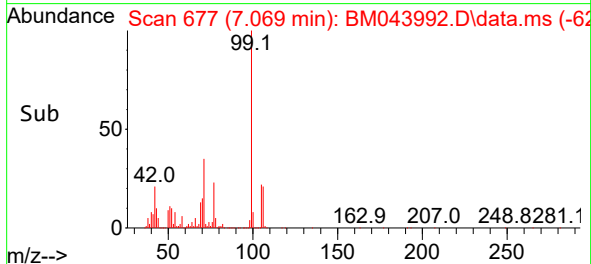
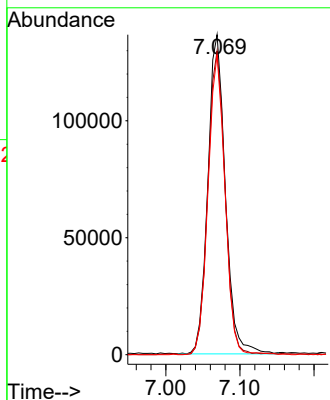
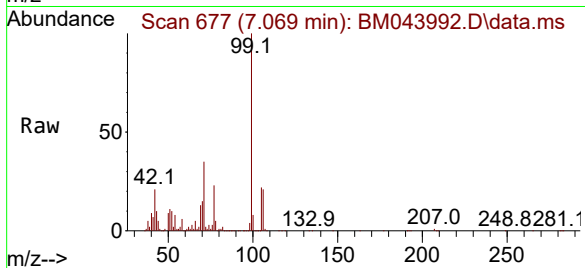




#9
Benzaldehyde
Concen: 12.929 ng
RT: 7.069 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM043992.D
Acq: 06 Feb 2024 15:15

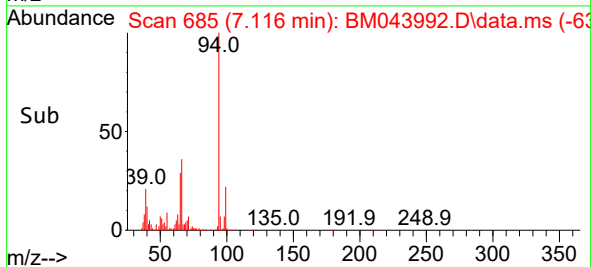
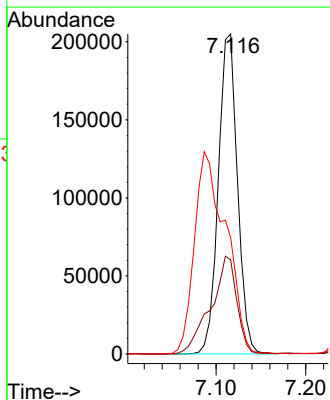
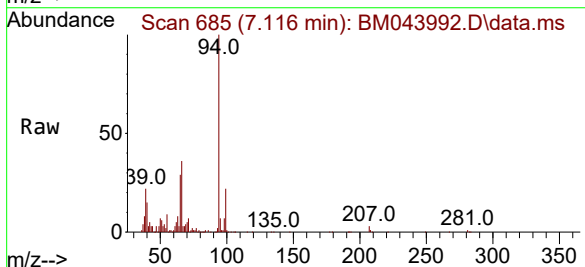
Instrument :
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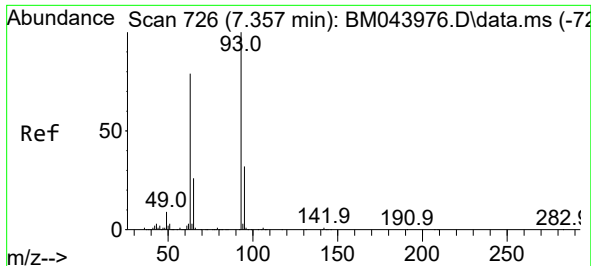
Tgt Ion: 77 Resp: 224595
Ion Ratio Lower Upper
77 100
105 94.9 77.4 117.4
106 93.8 73.5 113.5



#10
Phenol
Concen: 10.068 ng
RT: 7.116 min Scan# 685
Delta R.T. 0.000 min
Lab File: BM043992.D
Acq: 06 Feb 2024 15:15

Tgt Ion: 94 Resp: 304330
Ion Ratio Lower Upper
94 100
65 29.4 9.3 49.3
66 36.3 15.7 55.7

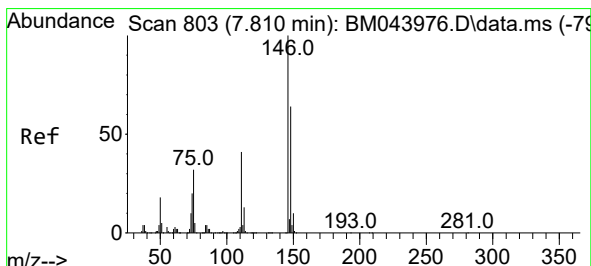
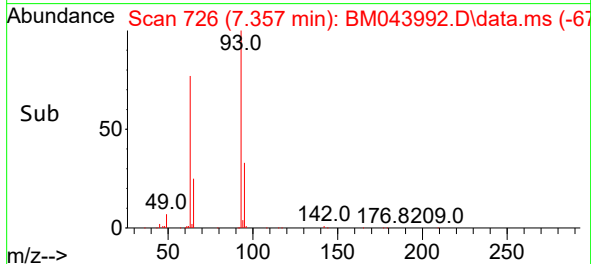
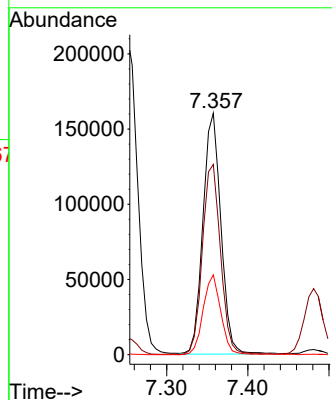
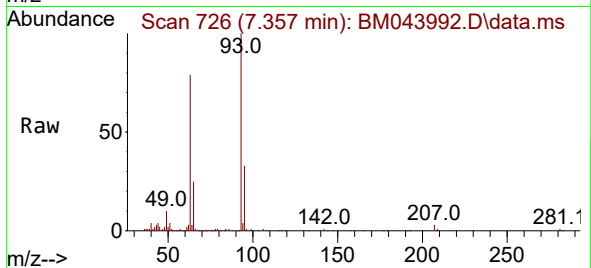




#11
bis(2-Chloroethyl)ether
Concen: 10.395 ng
RT: 7.357 min Scan# 726
Delta R.T. 0.000 min
Lab File: BM043992.D
Acq: 06 Feb 2024 15:15

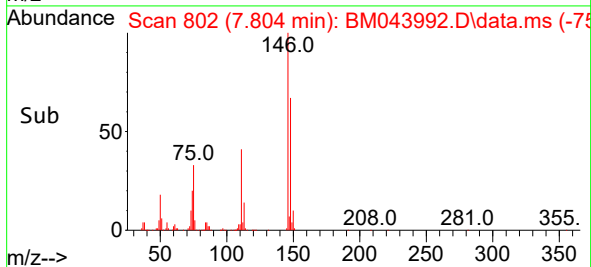
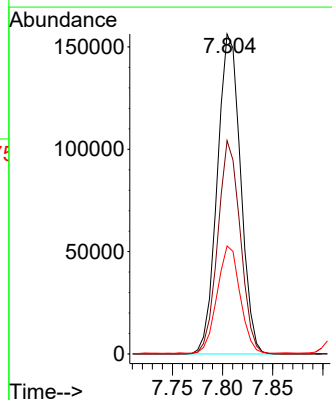
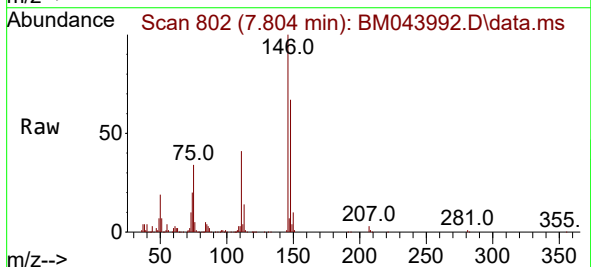
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2023

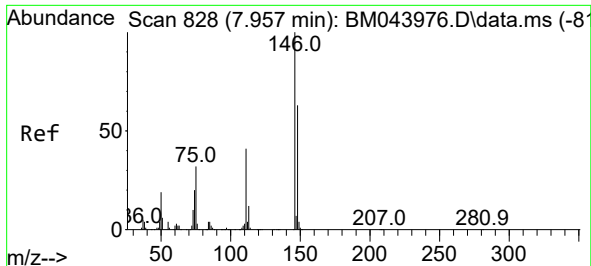
Tgt Ion: 93 Resp: 246272
Ion Ratio Lower Upper
93 100
63 78.8 59.0 99.0
95 33.1 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 10.218 ng
RT: 7.804 min Scan# 802
Delta R.T. -0.006 min
Lab File: BM043992.D
Acq: 06 Feb 2024 15:15

Tgt Ion:146 Resp: 252022
Ion Ratio Lower Upper
146 100
148 66.6 51.0 76.6
75 33.7 26.1 39.1

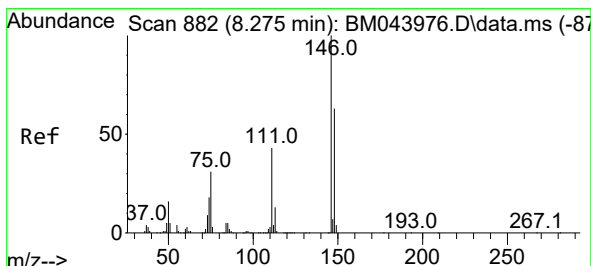
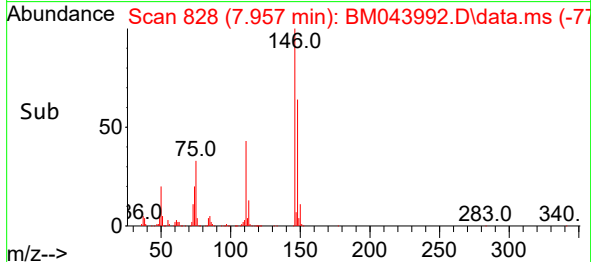
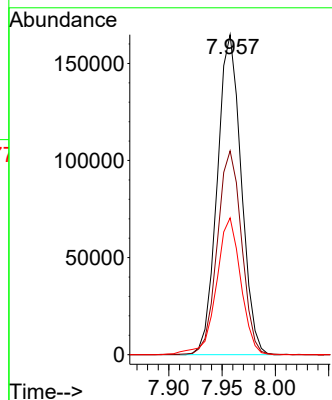
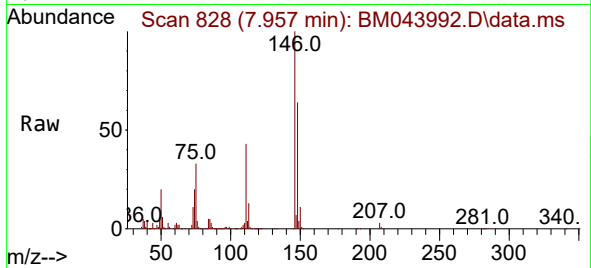




#13
1,4-Dichlorobenzene
Concen: 10.317 ng
RT: 7.957 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM043992.D
Acq: 06 Feb 2024 15:15

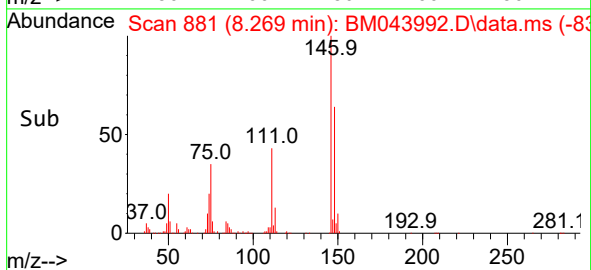
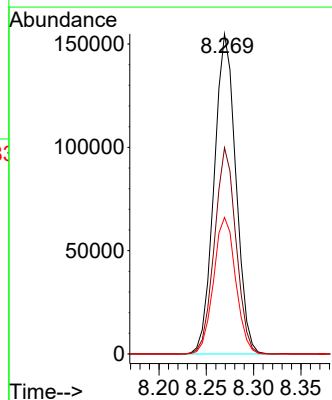
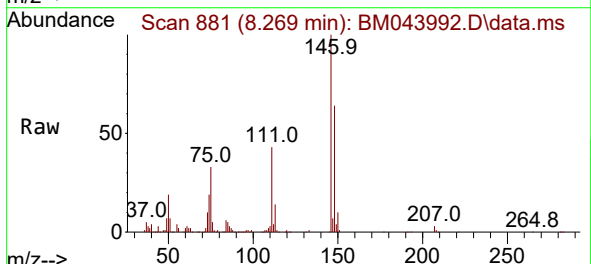
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2023

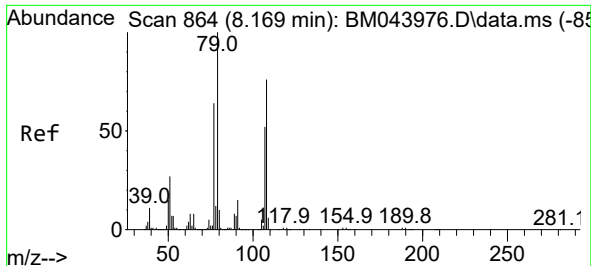
Tgt Ion:146 Resp: 257349
Ion Ratio Lower Upper
146 100
148 63.7 50.7 76.1
111 42.8 32.6 49.0



#14
1,2-Dichlorobenzene
Concen: 10.102 ng
RT: 8.269 min Scan# 881
Delta R.T. -0.006 min
Lab File: BM043992.D
Acq: 06 Feb 2024 15:15

Tgt Ion:146 Resp: 248492
Ion Ratio Lower Upper
146 100
148 64.5 50.3 75.5
111 42.7 34.3 51.5

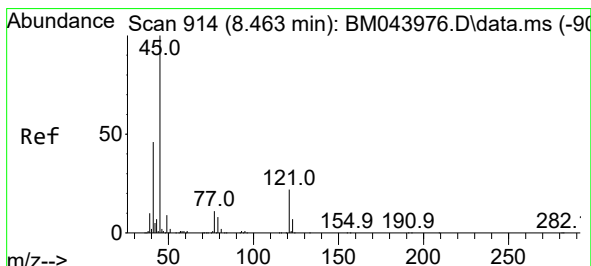
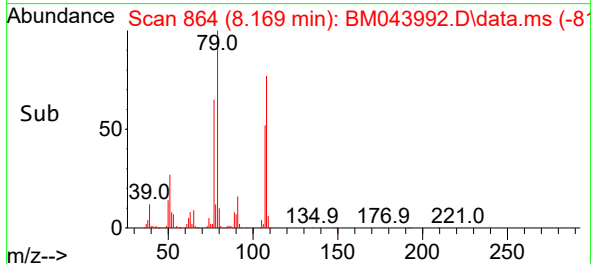
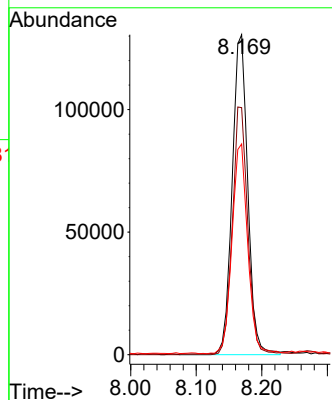
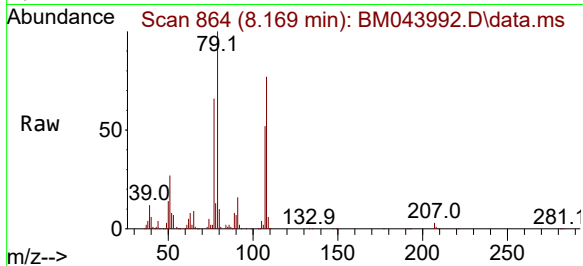




#15
Benzyl Alcohol
Concen: 10.357 ng
RT: 8.169 min Scan# 864
Delta R.T. 0.000 min
Lab File: BM043992.D
Acq: 06 Feb 2024 15:15

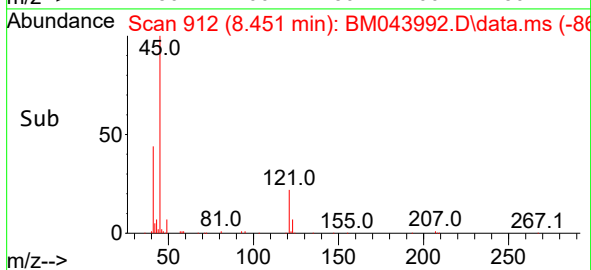
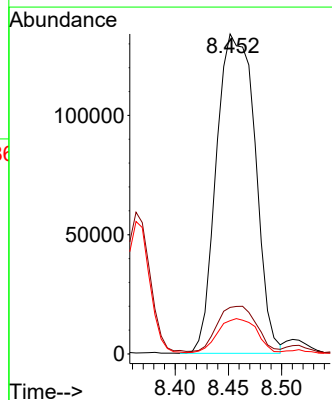
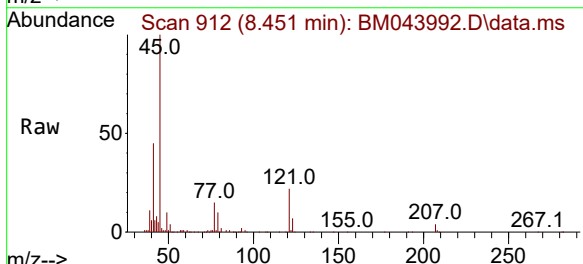
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2023

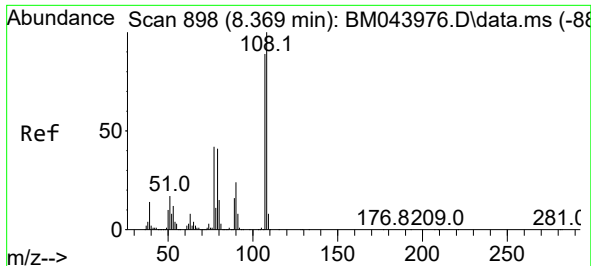
Tgt Ion: 79 Resp: 215799
Ion Ratio Lower Upper
79 100
108 77.2 60.7 91.1
77 65.8 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.631 ng
RT: 8.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BM043992.D
Acq: 06 Feb 2024 15:15

Tgt Ion: 45 Resp: 337732
Ion Ratio Lower Upper
45 100
77 14.6 0.0 34.4
79 10.4 0.0 31.2

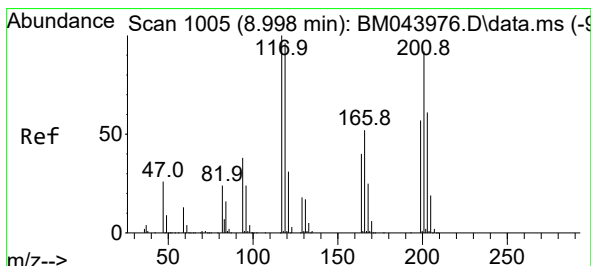
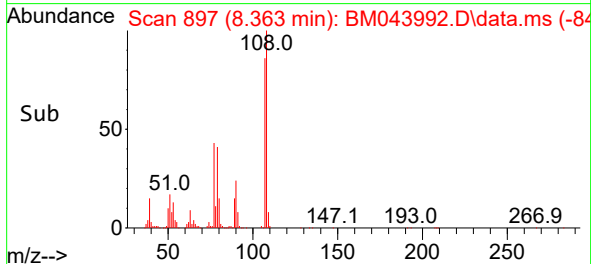
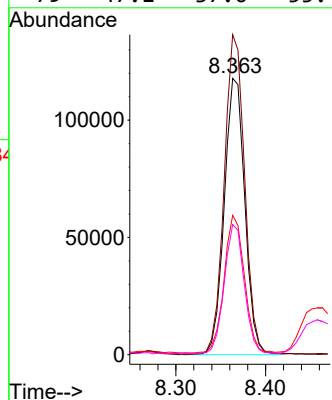
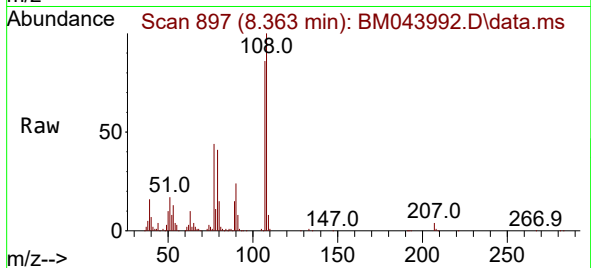




#17
2-Methylphenol
Concen: 9.723 ng
RT: 8.363 min Scan# 898
Delta R.T. -0.006 min
Lab File: BM043992.D
Acq: 06 Feb 2024 15:15

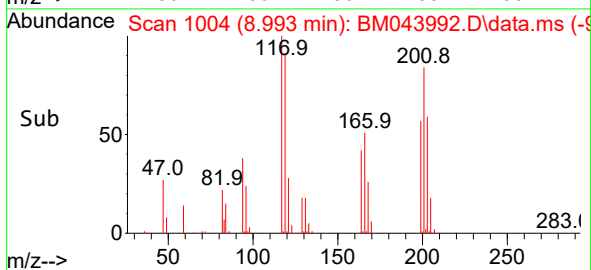
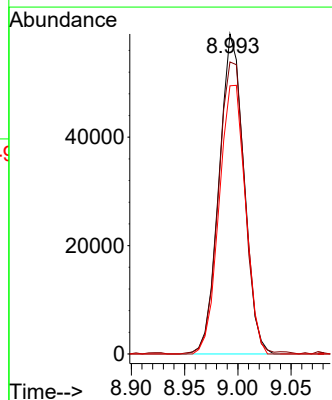
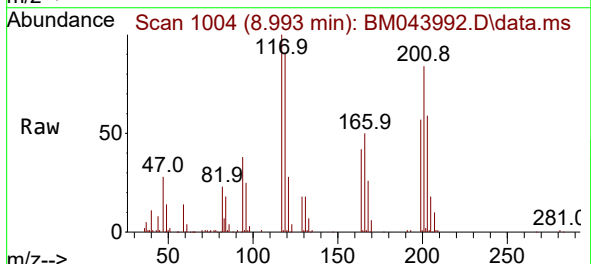
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2023

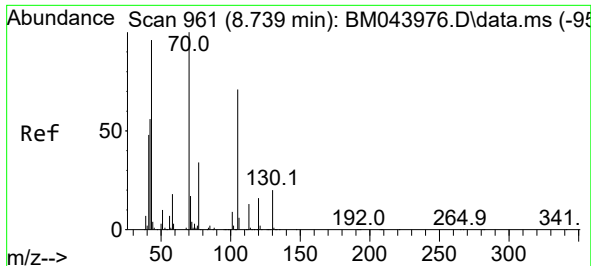
Tgt Ion:107 Resp: 187867
Ion Ratio Lower Upper
107 100
108 115.8 90.4 135.6
77 50.5 38.0 57.0
79 47.1 37.0 55.4



#18
Hexachloroethane
Concen: 10.251 ng
RT: 8.993 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BM043992.D
Acq: 06 Feb 2024 15:15

Tgt Ion:117 Resp: 95955
Ion Ratio Lower Upper
117 100
119 91.2 76.7 115.1
201 83.8 73.4 110.2



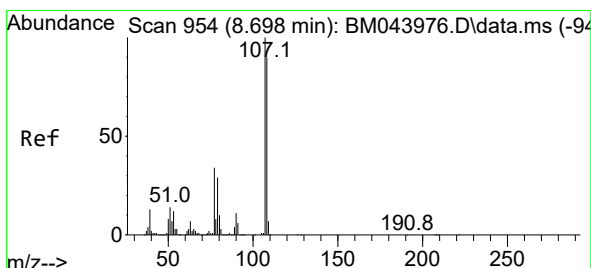
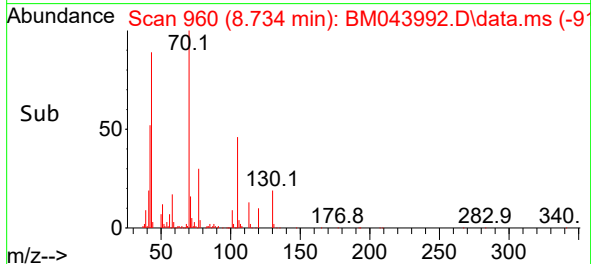
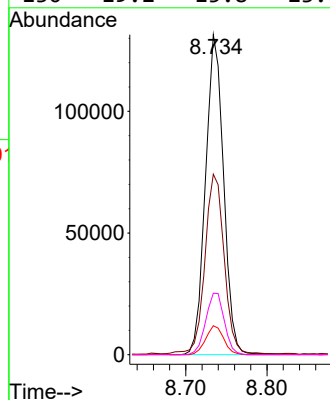
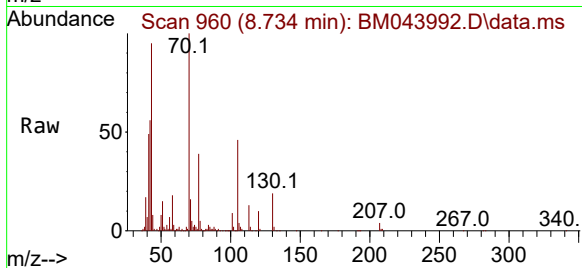


#19
n-Nitroso-di-n-propylamine
Concen: 10.174 ng
RT: 8.734 min Scan# 90
Delta R.T. -0.006 min
Lab File: BM043992.D
Acq: 06 Feb 2024 15:15

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

Tgt Ion: 70 Resp: 203514

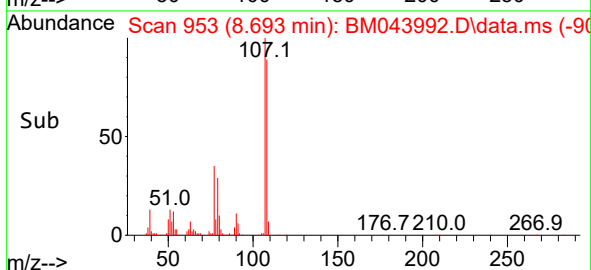
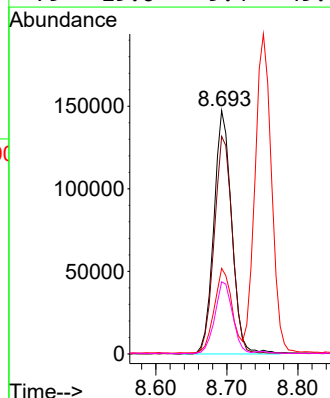
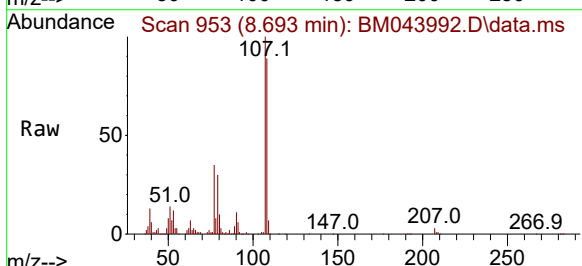
Ion	Ratio	Lower	Upper
70	100		
42	56.4	45.6	68.4
101	9.0	7.5	11.3
130	19.2	15.8	23.6

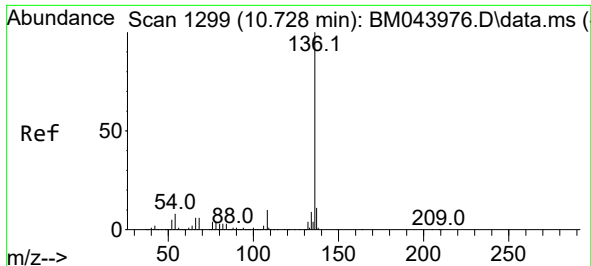


#20
3+4-Methylphenols
Concen: 9.440 ng
RT: 8.693 min Scan# 953
Delta R.T. -0.005 min
Lab File: BM043992.D
Acq: 06 Feb 2024 15:15

Tgt Ion: 107 Resp: 257429

Ion	Ratio	Lower	Upper
107	100		
108	89.4	70.3	110.3
77	35.2	14.0	54.0
79	29.6	9.4	49.4

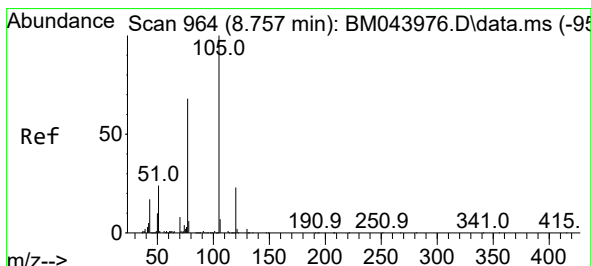
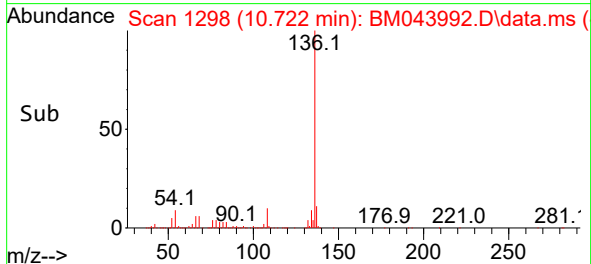
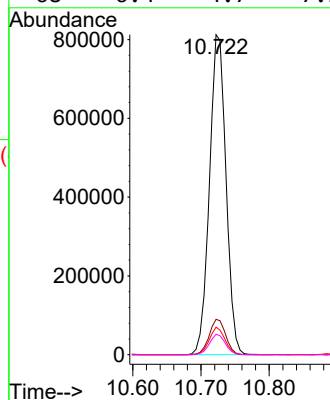
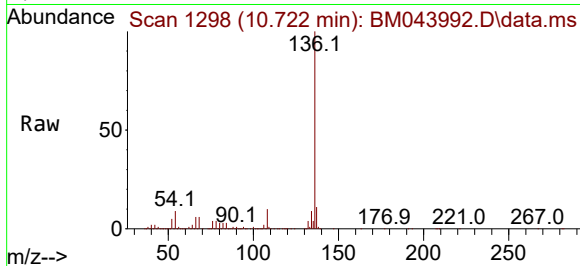




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.722 min Scan# 1299
Delta R.T. -0.006 min
Lab File: BM043992.D
Acq: 06 Feb 2024 15:15

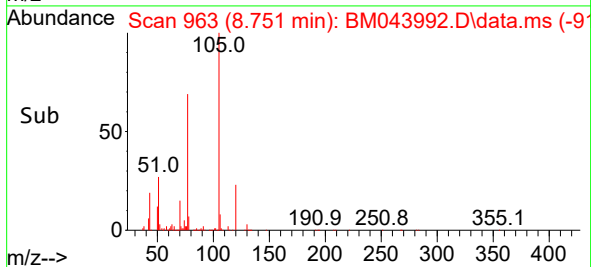
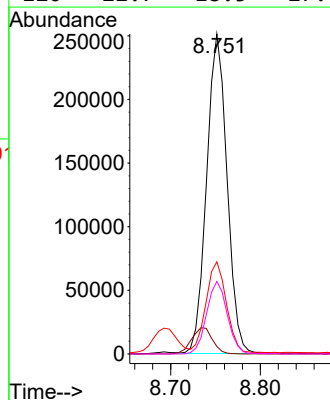
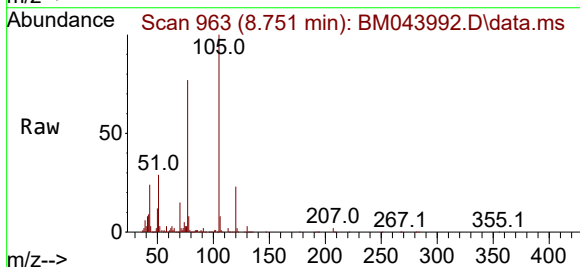
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2023

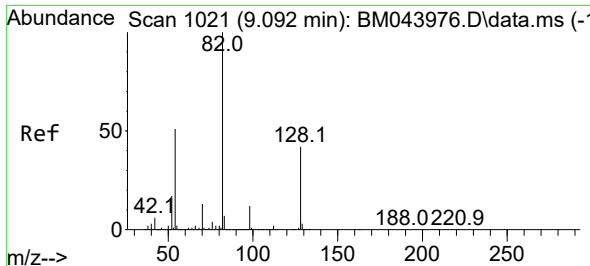
Tgt Ion:136 Resp: 1371180
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.6 6.5 9.7
68 6.4 4.7 7.1



#22
Acetophenone
Concen: 10.671 ng
RT: 8.751 min Scan# 963
Delta R.T. -0.006 min
Lab File: BM043992.D
Acq: 06 Feb 2024 15:15

Tgt Ion:105 Resp: 396472
Ion Ratio Lower Upper
105 100
71 2.4 1.6 2.4
51 28.8 21.8 32.6
120 22.7 18.5 27.7

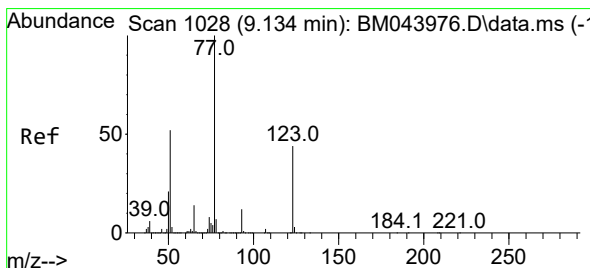
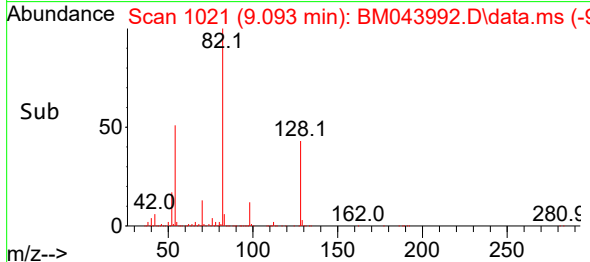
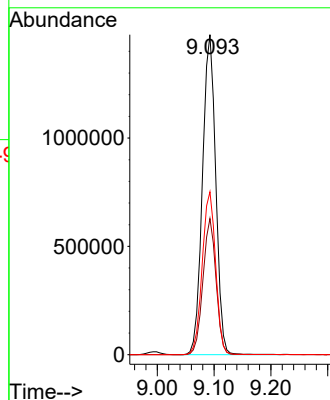
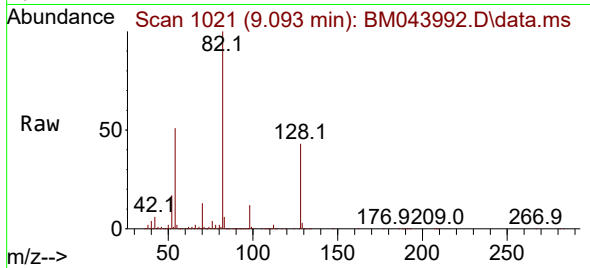




#23
Nitrobenzene-d5
Concen: 84.316 ng
RT: 9.093 min Scan# 1021
Delta R.T. 0.001 min
Lab File: BM043992.D
Acq: 06 Feb 2024 15:15

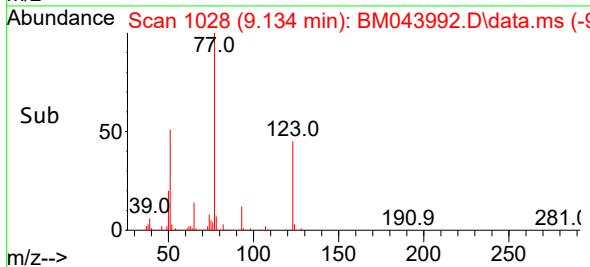
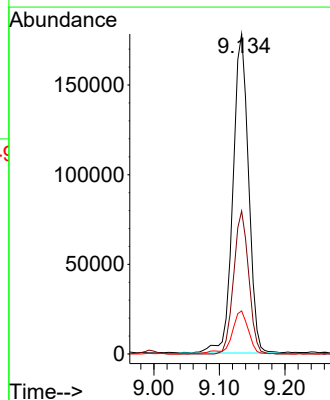
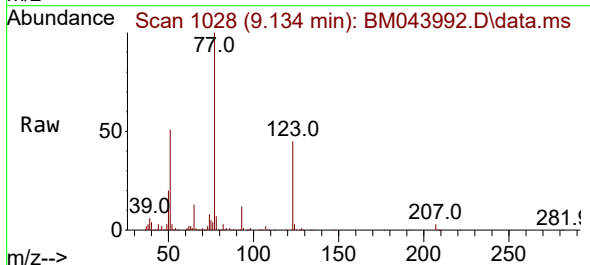
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2023

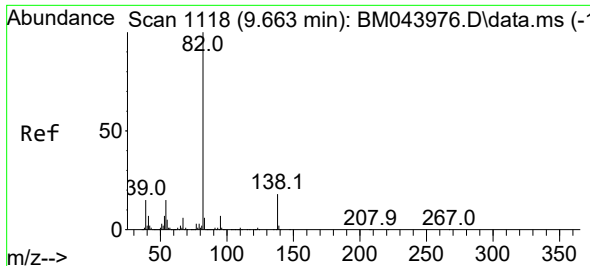
Tgt Ion: 82 Resp: 2398335
Ion Ratio Lower Upper
82 100
128 42.6 33.9 50.9
54 50.9 41.1 61.7



#24
Nitrobenzene
Concen: 10.335 ng
RT: 9.134 min Scan# 1028
Delta R.T. 0.000 min
Lab File: BM043992.D
Acq: 06 Feb 2024 15:15

Tgt Ion: 77 Resp: 294945
Ion Ratio Lower Upper
77 100
123 44.7 35.3 52.9
65 13.5 10.9 16.3





#25

Isophorone

Concen: 10.110 ng

RT: 9.657 min Scan# 1117

Delta R.T. -0.006 min

Lab File: BM043992.D

Acq: 06 Feb 2024 15:15

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2023

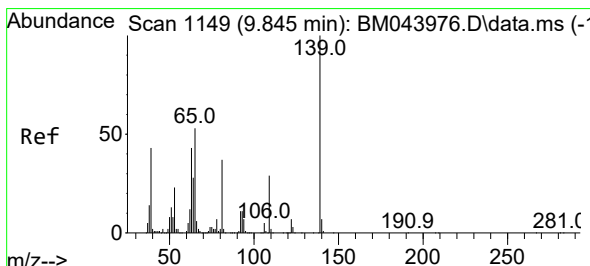
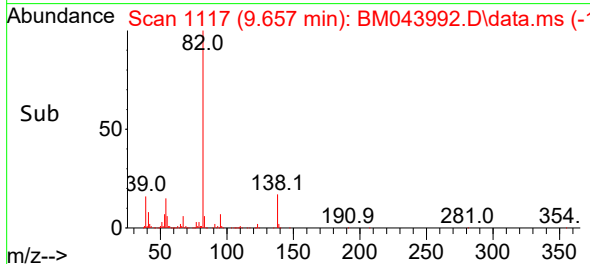
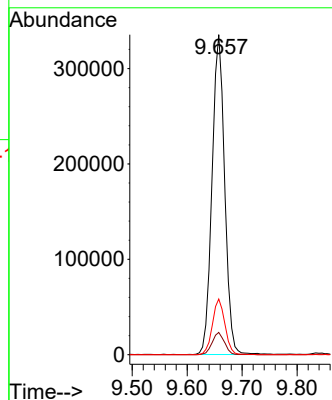
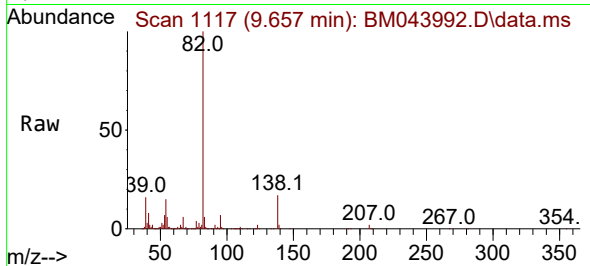
Tgt Ion: 82 Resp: 535356

Ion Ratio Lower Upper

82 100

95 6.9 5.6 8.4

138 17.4 14.2 21.2



#26

2-Nitrophenol

Concen: 8.923 ng

RT: 9.840 min Scan# 1148

Delta R.T. -0.006 min

Lab File: BM043992.D

Acq: 06 Feb 2024 15:15

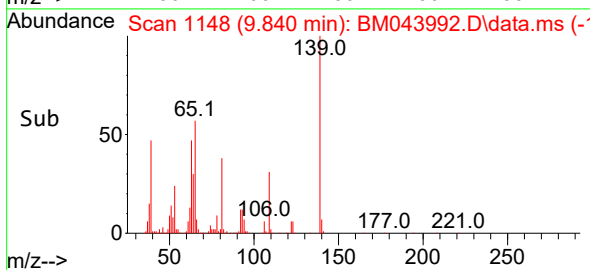
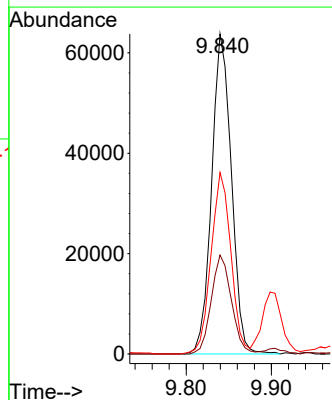
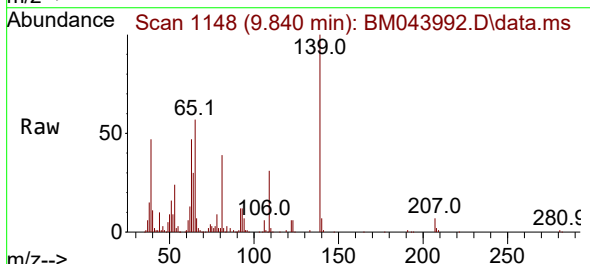
Tgt Ion: 139 Resp: 102917

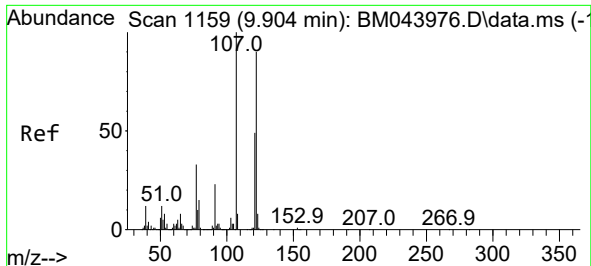
Ion Ratio Lower Upper

139 100

109 30.9 23.3 34.9

65 56.7 42.5 63.7

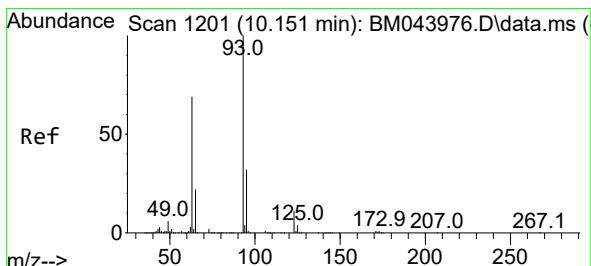
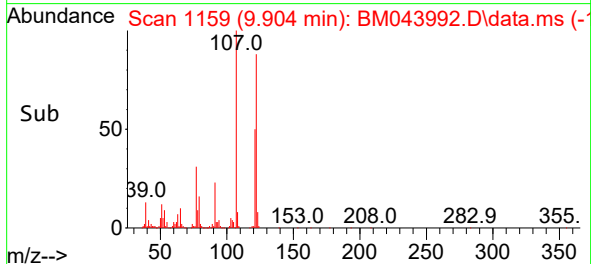
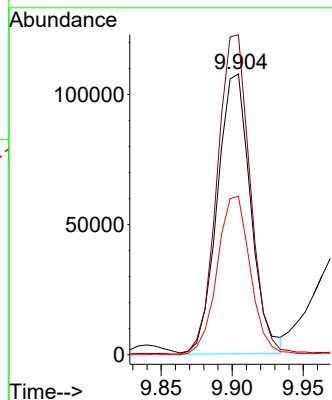
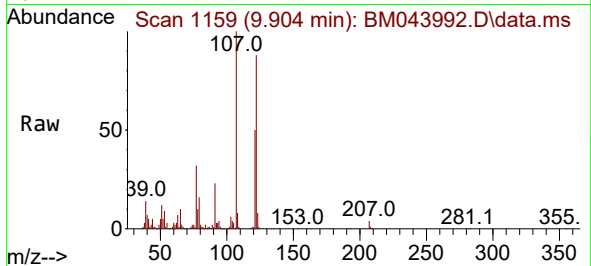




#27
2,4-Dimethylphenol
Concen: 11.146 ng
RT: 9.904 min Scan# 1159
Delta R.T. 0.000 min
Lab File: BM043992.D
Acq: 06 Feb 2024 15:15

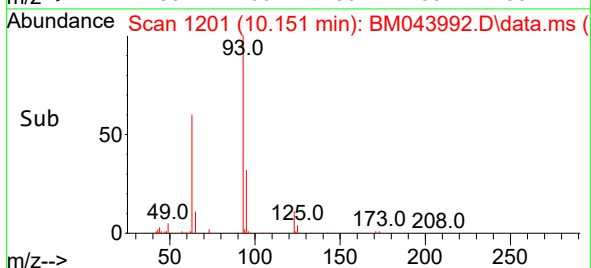
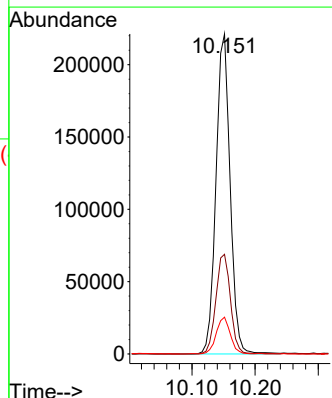
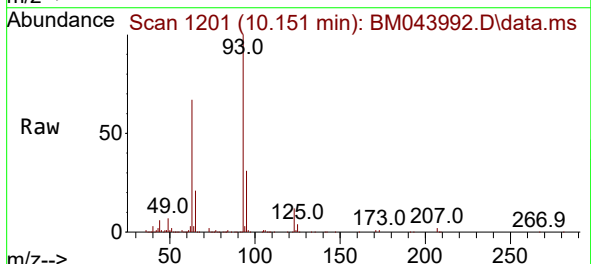
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2023

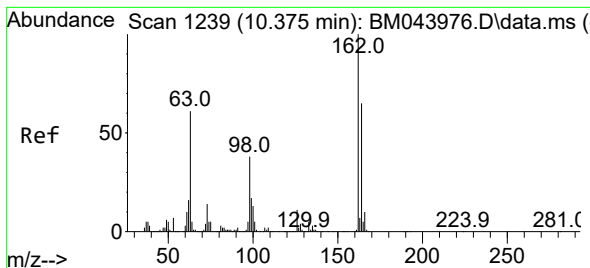
Tgt Ion:122 Resp: 176532
Ion Ratio Lower Upper
122 100
107 114.0 89.0 133.4
121 56.5 43.4 65.0



#28
bis(2-Chloroethoxy)methane
Concen: 10.617 ng
RT: 10.151 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BM043992.D
Acq: 06 Feb 2024 15:15

Tgt Ion: 93 Resp: 343304
Ion Ratio Lower Upper
93 100
95 31.2 25.9 38.9
123 11.5 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 9.960 ng

RT: 10.369 min Scan# 1238

Delta R.T. -0.006 min

Lab File: BM043992.D

Acq: 06 Feb 2024 15:15

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2023

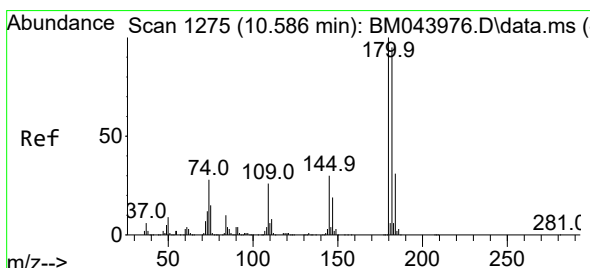
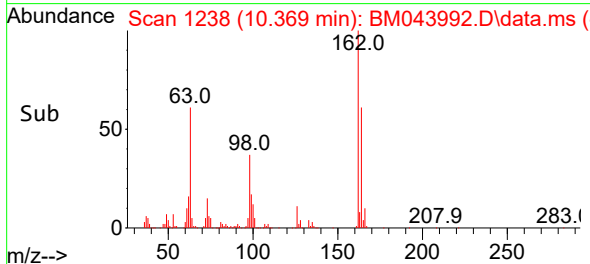
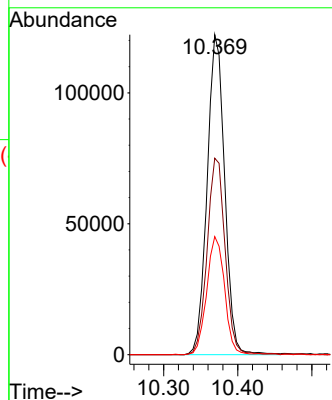
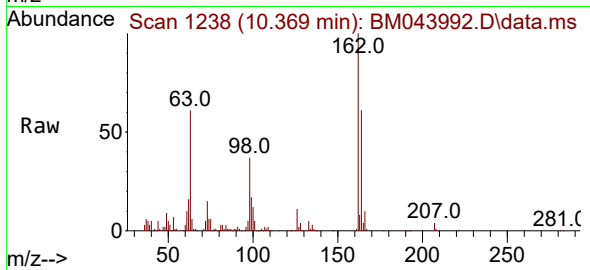
Tgt Ion:162 Resp: 201196

Ion Ratio Lower Upper

162 100

164 61.4 45.1 85.1

98 36.9 17.8 57.8



#30

1,2,4-Trichlorobenzene

Concen: 10.060 ng

RT: 10.587 min Scan# 1275

Delta R.T. 0.000 min

Lab File: BM043992.D

Acq: 06 Feb 2024 15:15

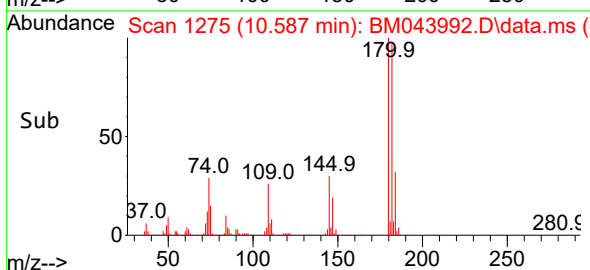
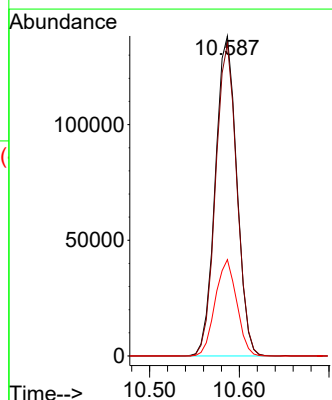
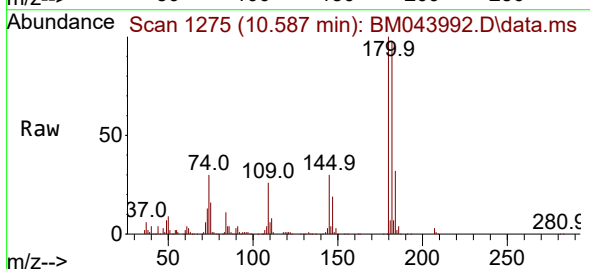
Tgt Ion:180 Resp: 229536

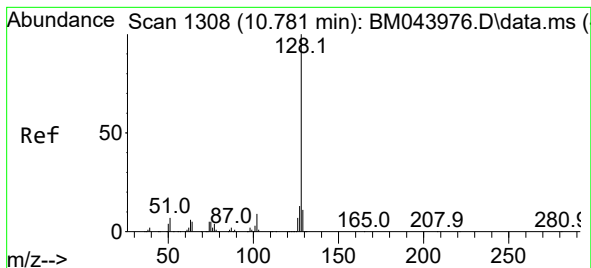
Ion Ratio Lower Upper

180 100

182 97.6 76.0 114.0

145 30.1 24.2 36.2





#31

Naphthalene

Concen: 10.146 ng

RT: 10.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM043992.D

Acq: 06 Feb 2024 15:15

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2023

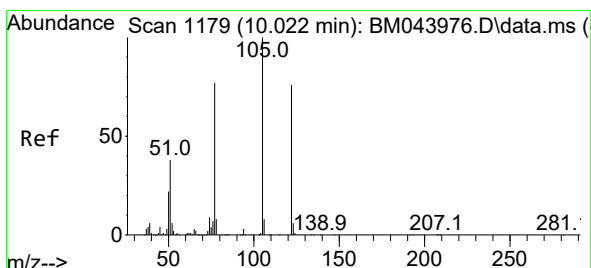
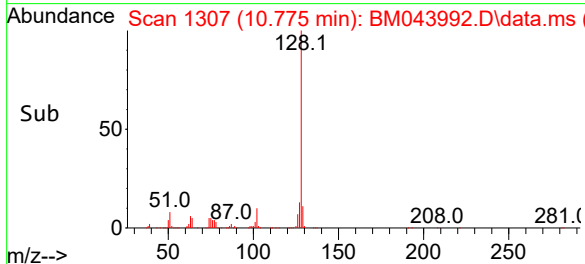
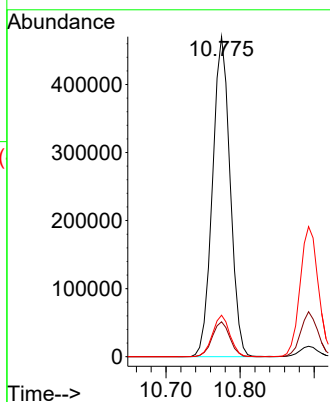
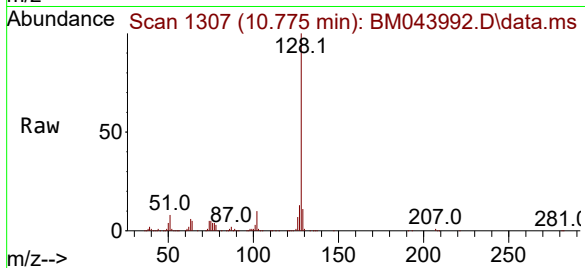
Tgt Ion:128 Resp: 775421

Ion Ratio Lower Upper

128 100

129 10.9 8.4 12.6

127 13.0 10.1 15.1



#32

Benzoic acid

Concen: 11.660 ng

RT: 9.975 min Scan# 1171

Delta R.T. -0.047 min

Lab File: BM043992.D

Acq: 06 Feb 2024 15:15

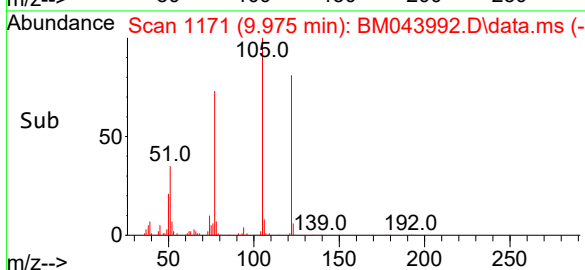
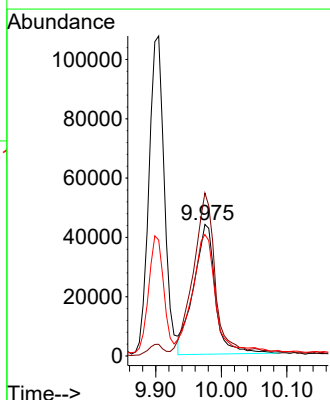
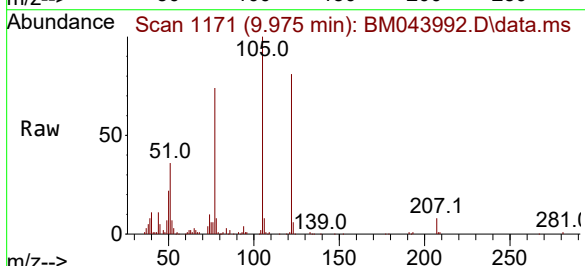
Tgt Ion:122 Resp: 100849

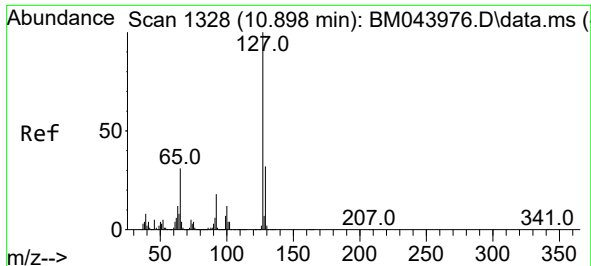
Ion Ratio Lower Upper

122 100

105 124.0 109.4 149.4

77 92.4 80.5 120.5

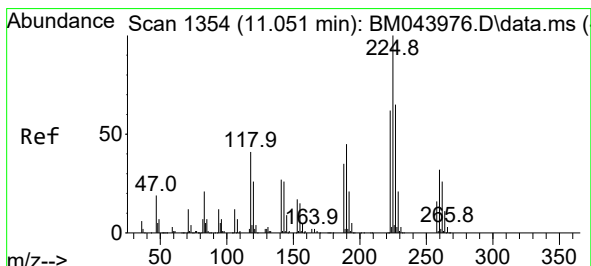
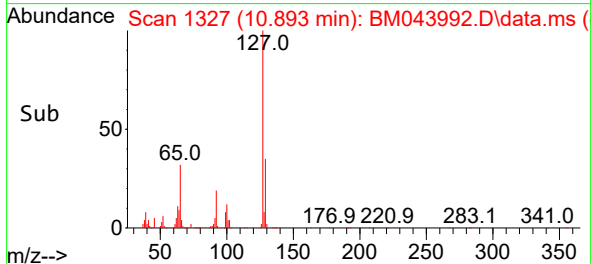
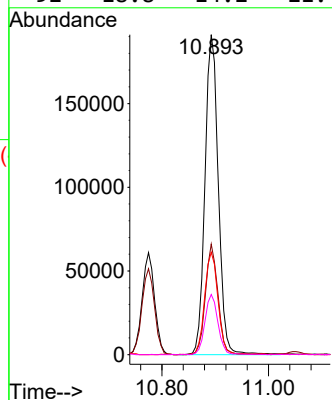
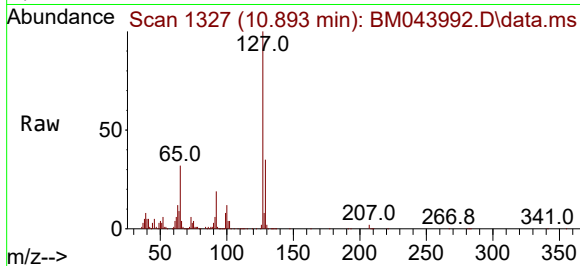




#33
4-Chloroaniline
Concen: 10.583 ng
RT: 10.893 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BM043992.D
Acq: 06 Feb 2024 15:15

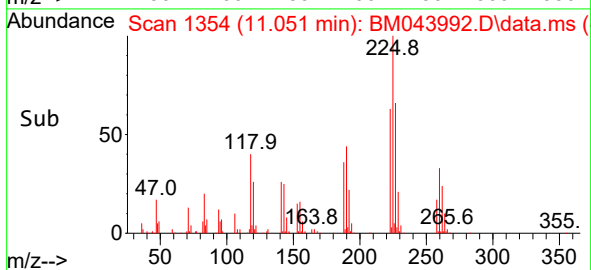
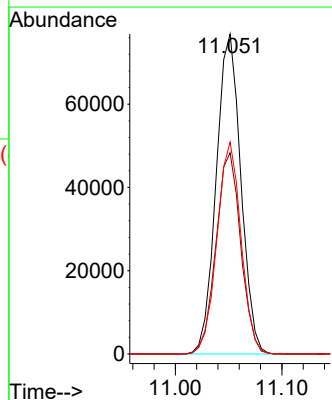
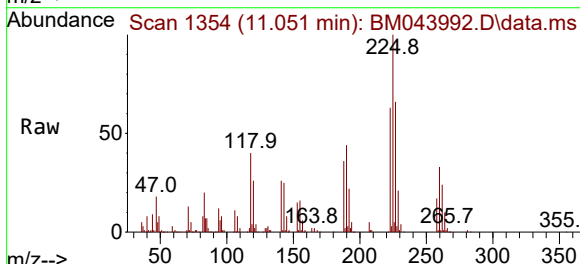
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2023

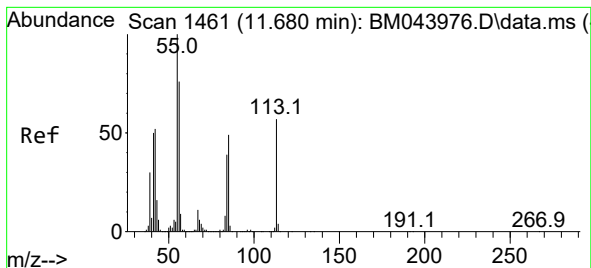
Tgt Ion:	127	Resp:	332456
Ion Ratio	Lower	Upper	
127	100		
129	34.5	25.6	38.4
65	32.0	24.5	36.7
92	18.8	14.2	21.4



#34
Hexachlorobutadiene
Concen: 9.913 ng
RT: 11.051 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BM043992.D
Acq: 06 Feb 2024 15:15

Tgt Ion:	225	Resp:	123351
Ion Ratio	Lower	Upper	
225	100		
223	62.9	49.8	74.8
227	66.2	51.7	77.5

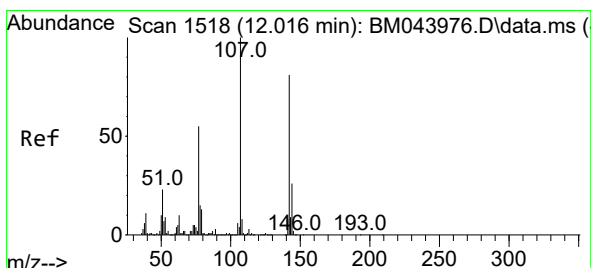
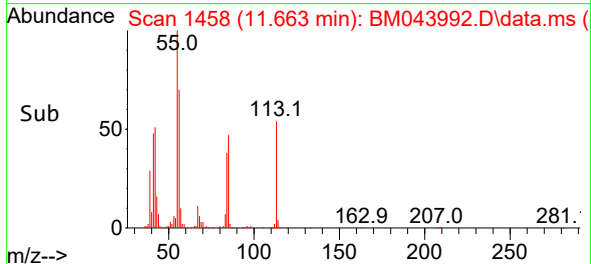
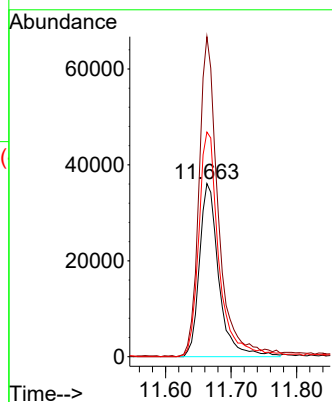
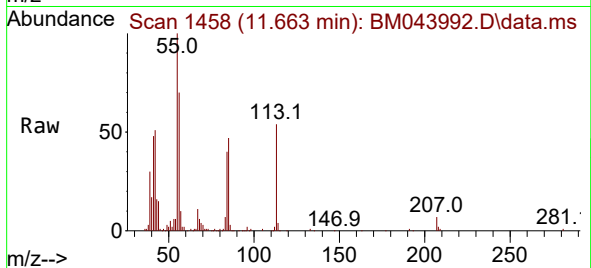




#35
Caprolactam
Concen: 8.975 ng
RT: 11.663 min Scan# 1461
Delta R.T. -0.017 min
Lab File: BM043992.D
Acq: 06 Feb 2024 15:15

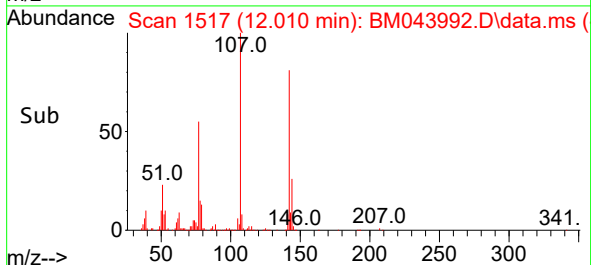
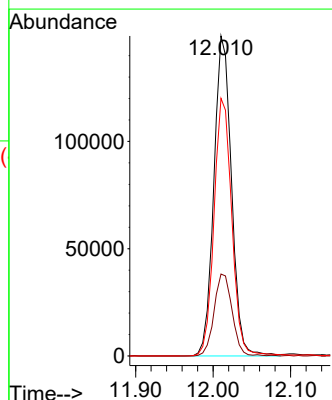
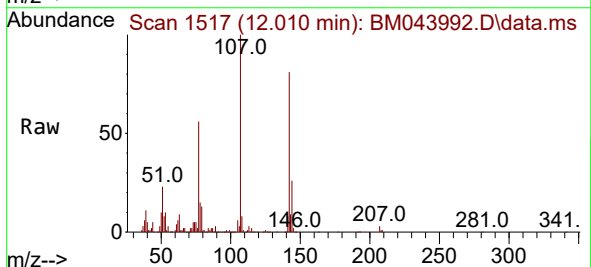
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2023

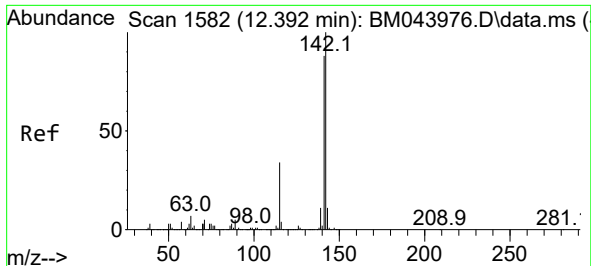
Tgt Ion:113 Resp: 74349
Ion Ratio Lower Upper
113 100
55 184.9 154.3 194.3
56 129.8 112.2 152.2



#36
4-Chloro-3-methylphenol
Concen: 9.544 ng
RT: 12.010 min Scan# 1517
Delta R.T. -0.006 min
Lab File: BM043992.D
Acq: 06 Feb 2024 15:15

Tgt Ion:107 Resp: 236092
Ion Ratio Lower Upper
107 100
144 25.6 21.1 31.7
142 80.5 65.0 97.4

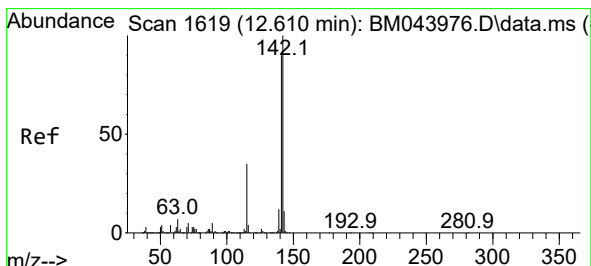
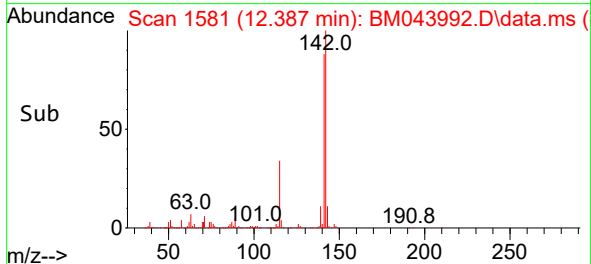
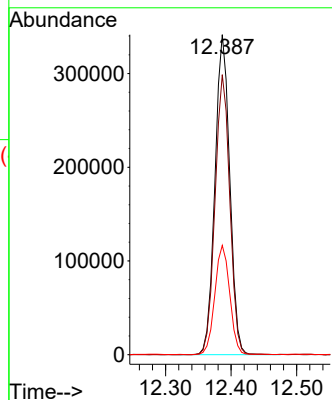
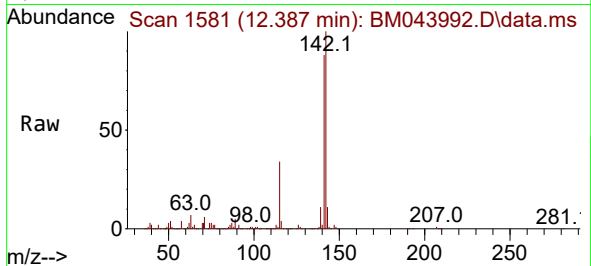




#37
2-Methylnaphthalene
Concen: 10.009 ng
RT: 12.387 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BM043992.D
Acq: 06 Feb 2024 15:15

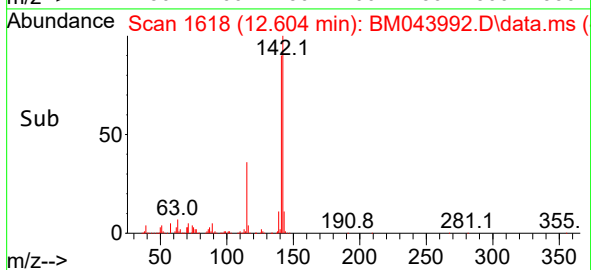
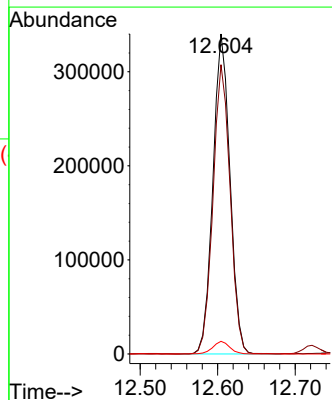
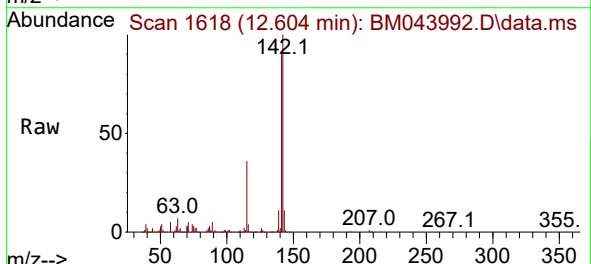
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2023

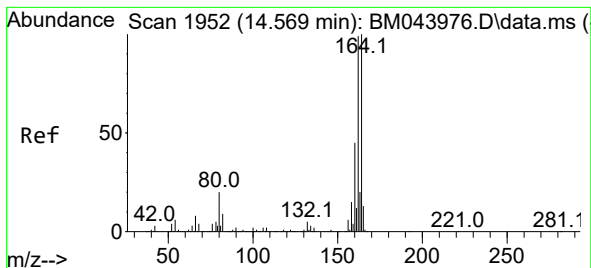
Tgt Ion:142 Resp: 533450
Ion Ratio Lower Upper
142 100
141 87.5 70.2 105.2
115 34.2 27.2 40.8



#38
1-Methylnaphthalene
Concen: 9.771 ng
RT: 12.604 min Scan# 1618
Delta R.T. -0.006 min
Lab File: BM043992.D
Acq: 06 Feb 2024 15:15

Tgt Ion:142 Resp: 519867
Ion Ratio Lower Upper
142 100
141 90.4 72.1 108.1
116 4.0 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.563 min Scan# 1951

Delta R.T. -0.006 min

Lab File: BM043992.D

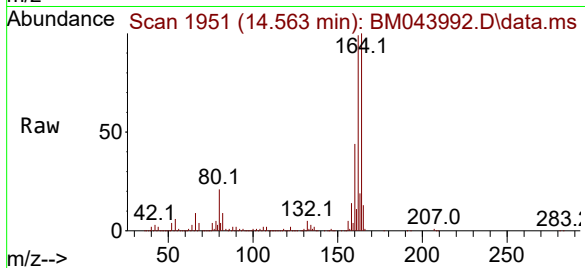
Acq: 06 Feb 2024 15:15

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2023



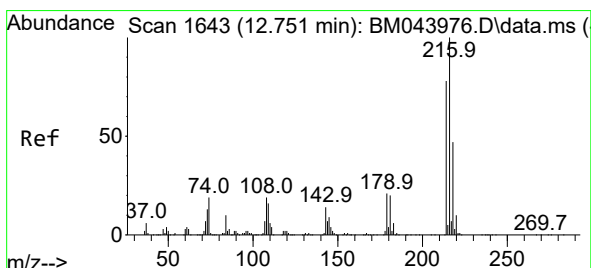
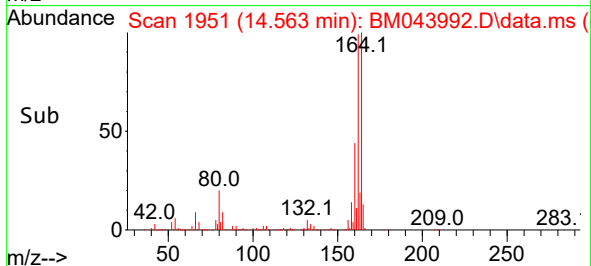
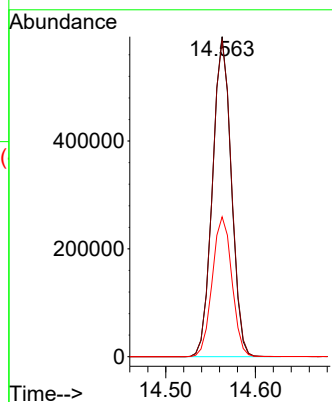
Tgt Ion:164 Resp: 861042

Ion Ratio Lower Upper

164 100

162 98.8 79.0 118.4

160 43.7 35.8 53.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 10.504 ng

RT: 12.751 min Scan# 1643

Delta R.T. 0.000 min

Lab File: BM043992.D

Acq: 06 Feb 2024 15:15

Tgt Ion:216 Resp: 256505

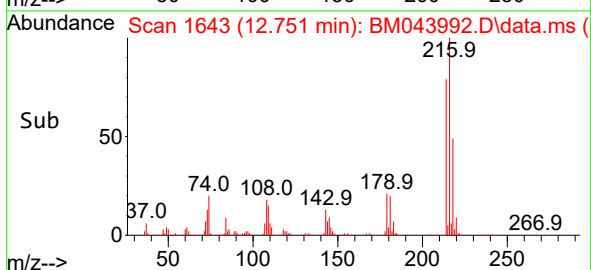
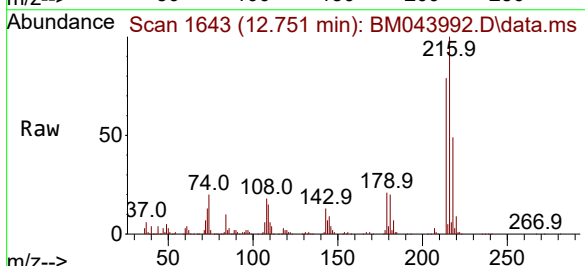
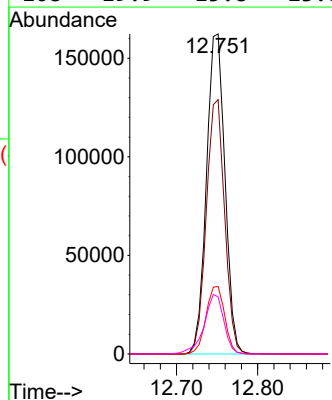
Ion Ratio Lower Upper

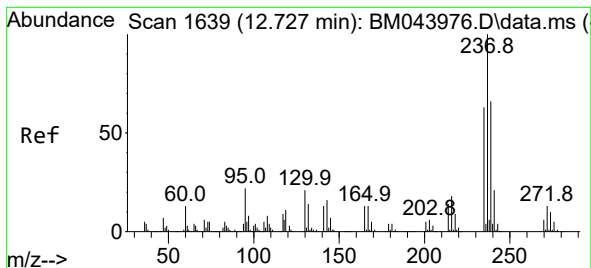
216 100

214 78.7 62.6 94.0

179 21.3 16.7 25.1

108 19.9 15.8 23.8





#41

Hexachlorocyclopentadiene

Concen: 12.136 ng

RT: 12.722 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM043992.D

Acq: 06 Feb 2024 15:15

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2023

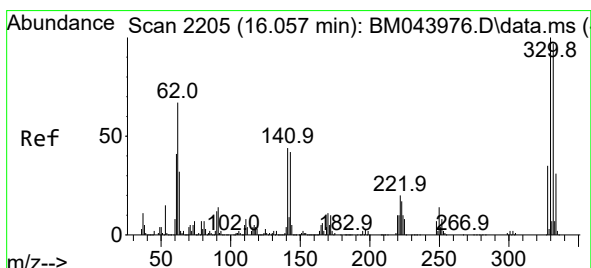
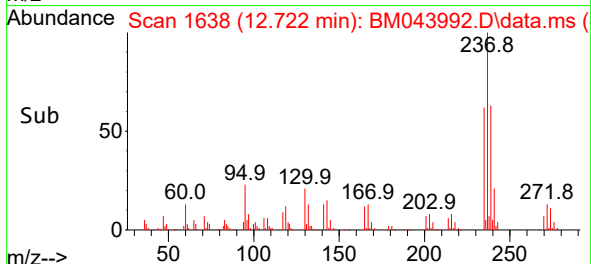
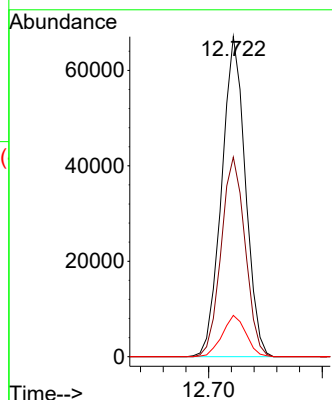
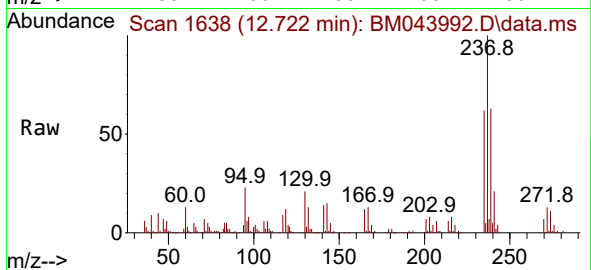
Tgt Ion:237 Resp: 97478

Ion Ratio Lower Upper

237 100

235 62.4 43.5 83.5

272 12.9 0.0 33.2



#42

2,4,6-Tribromophenol

Concen: 133.116 ng

RT: 16.057 min Scan# 2205

Delta R.T. -0.000 min

Lab File: BM043992.D

Acq: 06 Feb 2024 15:15

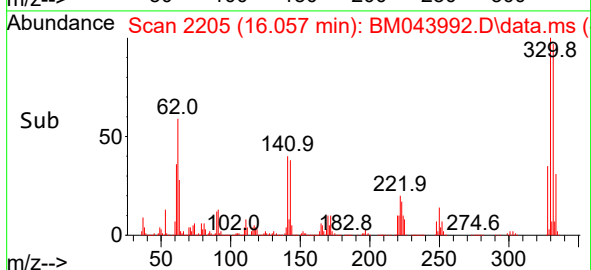
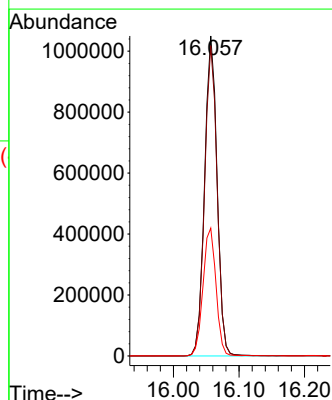
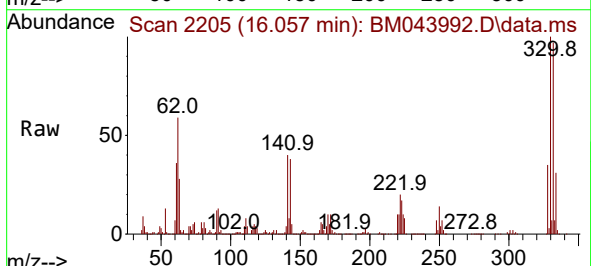
Tgt Ion:330 Resp: 1397188

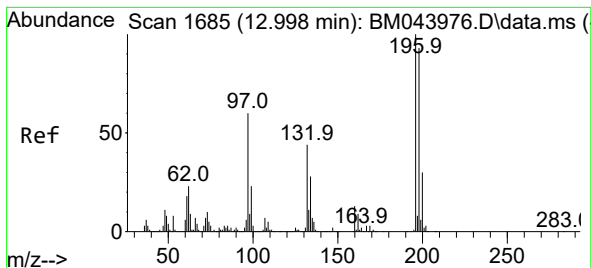
Ion Ratio Lower Upper

330 100

332 97.0 77.6 116.4

141 41.4 33.5 50.3





#43

2,4,6-Trichlorophenol

Concen: 9.566 ng

RT: 12.992 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM043992.D

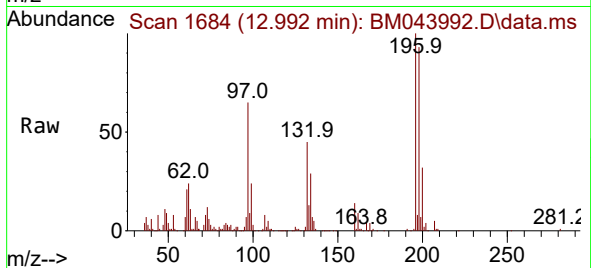
Acq: 06 Feb 2024 15:15

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2023



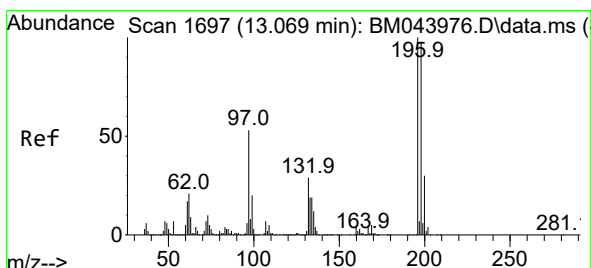
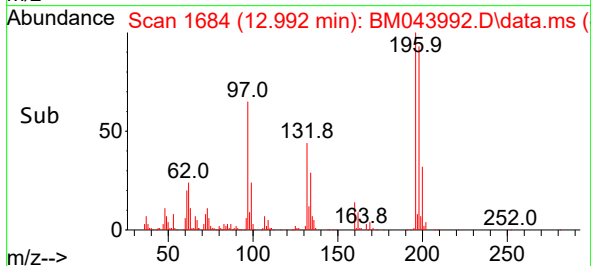
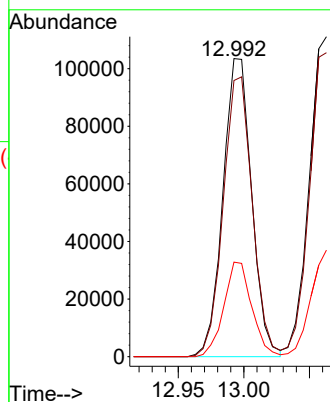
Tgt Ion:196 Resp: 157879

Ion Ratio Lower Upper

196 100

198 92.7 74.2 111.2

200 31.7 23.8 35.8



#44

2,4,5-Trichlorophenol

Concen: 9.386 ng

RT: 13.063 min Scan# 1696

Delta R.T. -0.006 min

Lab File: BM043992.D

Acq: 06 Feb 2024 15:15

Tgt Ion:196 Resp: 176725

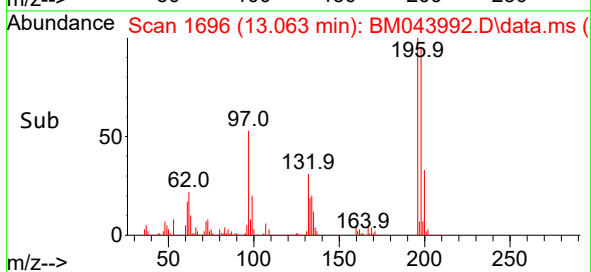
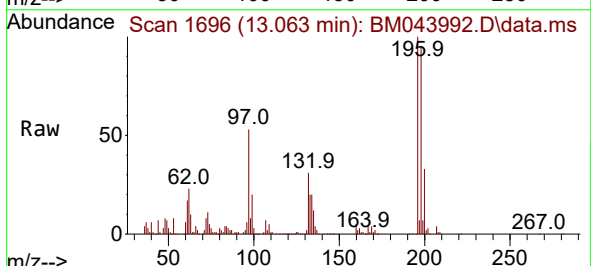
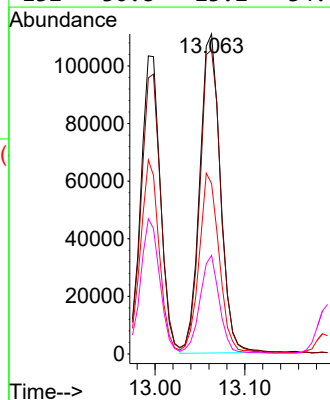
Ion Ratio Lower Upper

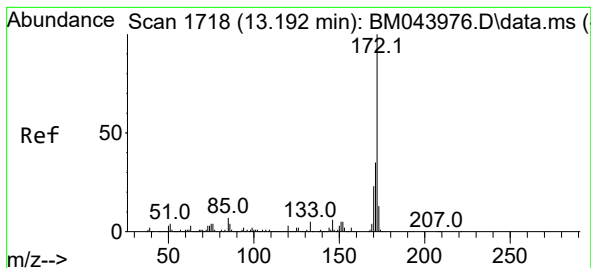
196 100

198 95.0 78.1 117.1

97 53.3 42.2 63.2

132 30.8 23.2 34.8





#45

2-Fluorobiphenyl

Concen: 85.309 ng

RT: 13.192 min Scan# 1718

Delta R.T. 0.000 min

Lab File: BM043992.D

Acq: 06 Feb 2024 15:15

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2023

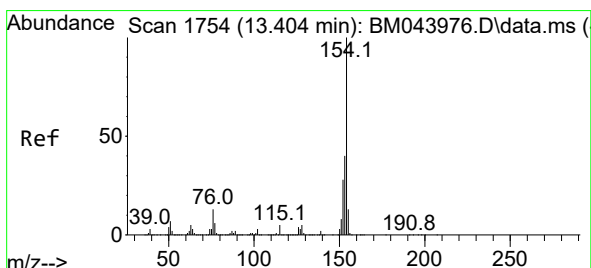
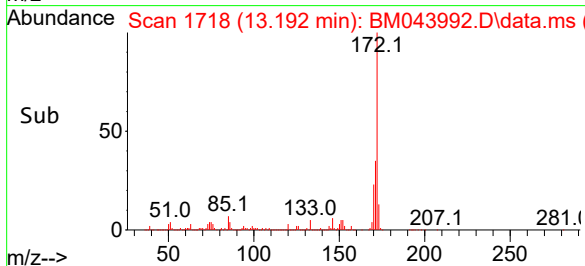
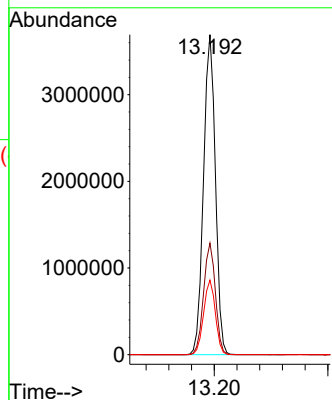
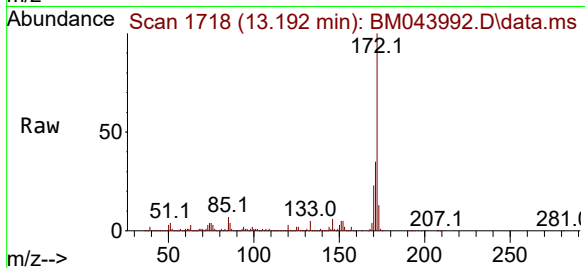
Tgt Ion:172 Resp: 5345785

Ion Ratio Lower Upper

172 100

171 34.8 27.9 41.9

170 23.3 18.6 28.0



#46

1,1'-Biphenyl

Concen: 10.469 ng

RT: 13.398 min Scan# 1753

Delta R.T. -0.006 min

Lab File: BM043992.D

Acq: 06 Feb 2024 15:15

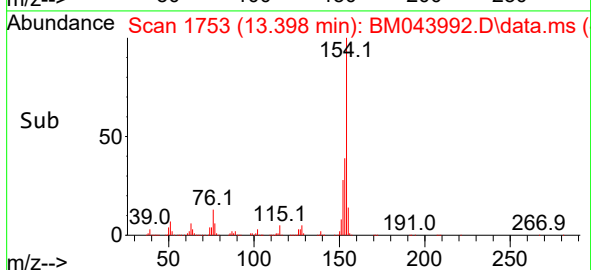
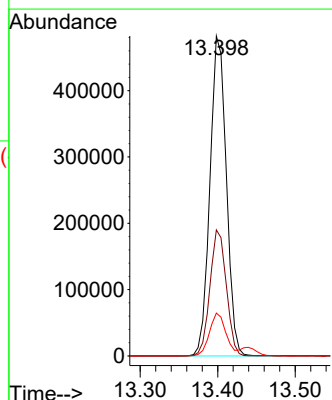
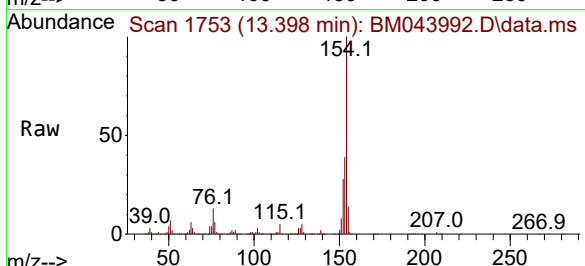
Tgt Ion:154 Resp: 708833

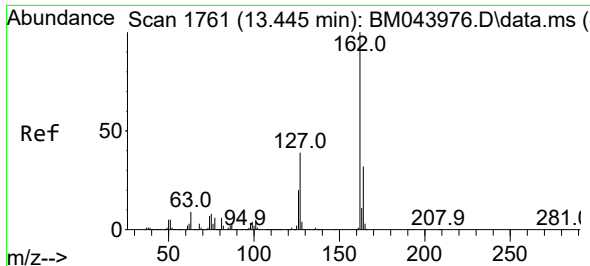
Ion Ratio Lower Upper

154 100

153 39.4 19.8 59.8

76 13.4 0.0 33.0

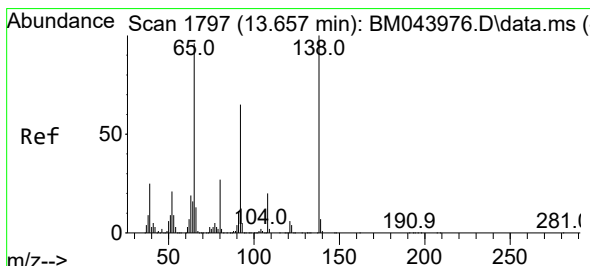
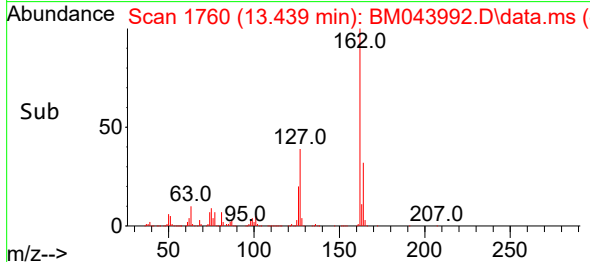
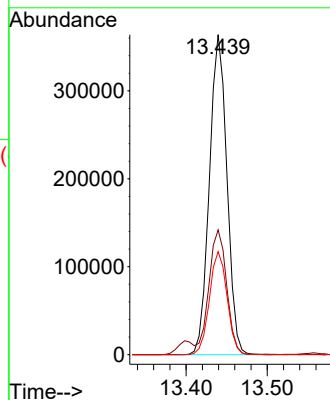
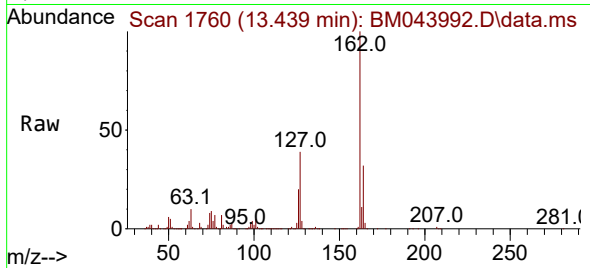




#47
2-Chloronaphthalene
Concen: 10.093 ng
RT: 13.439 min Scan# 1760
Delta R.T. -0.006 min
Lab File: BM043992.D
Acq: 06 Feb 2024 15:15

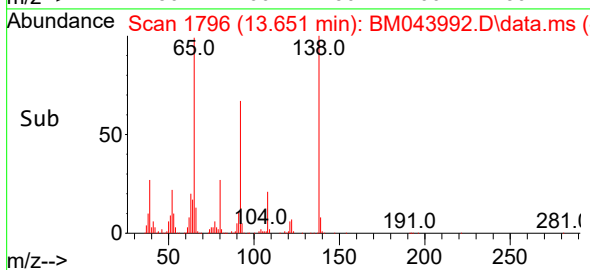
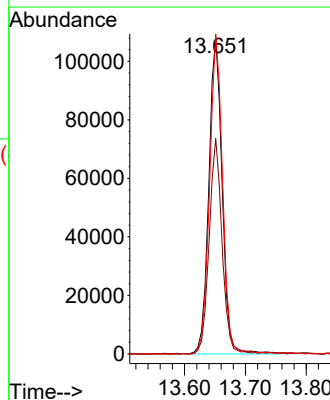
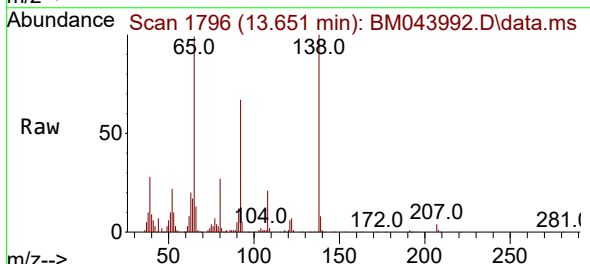
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2023

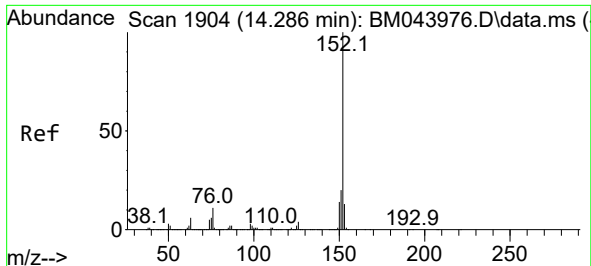
Tgt Ion:162 Resp: 544993
Ion Ratio Lower Upper
162 100
127 39.0 31.0 46.6
164 32.2 25.8 38.6



#48
2-Nitroaniline
Concen: 9.377 ng
RT: 13.651 min Scan# 1796
Delta R.T. -0.006 min
Lab File: BM043992.D
Acq: 06 Feb 2024 15:15

Tgt Ion: 65 Resp: 164685
Ion Ratio Lower Upper
65 100
92 68.0 53.6 80.4
138 101.0 83.0 124.6

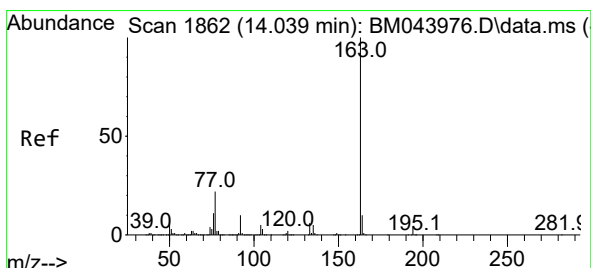
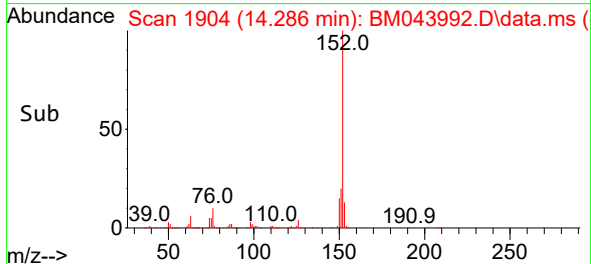
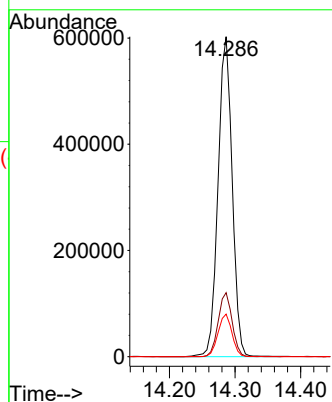
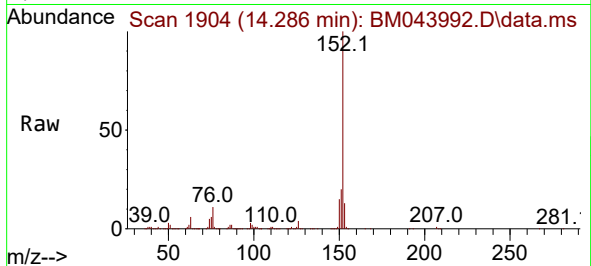




#49
Acenaphthylene
Concen: 10.876 ng
RT: 14.286 min Scan# 1904
Delta R.T. 0.000 min
Lab File: BM043992.D
Acq: 06 Feb 2024 15:15

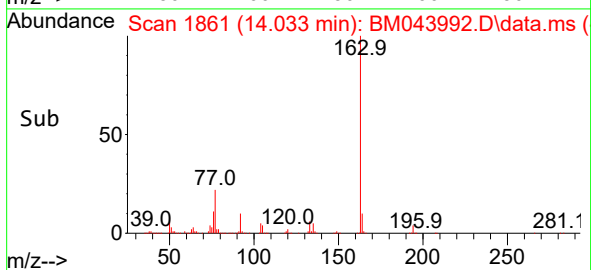
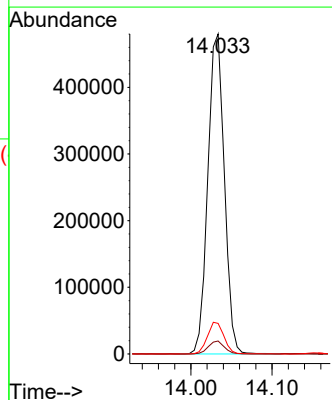
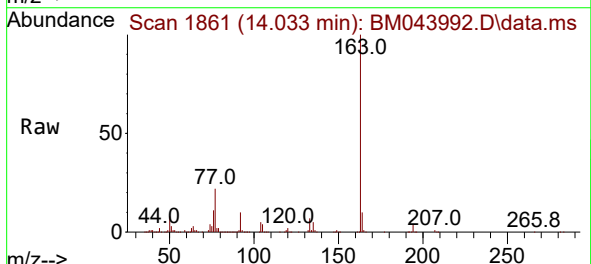
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2023

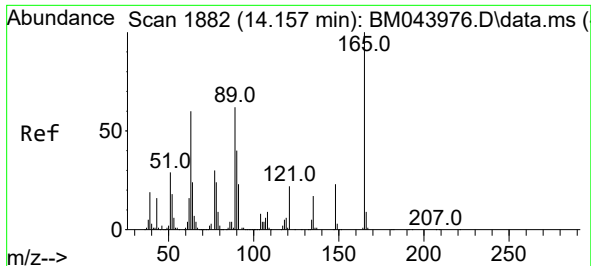
Tgt Ion:152 Resp: 897737
Ion Ratio Lower Upper
152 100
151 20.0 15.9 23.9
153 13.3 10.4 15.6



#50
Dimethylphthalate
Concen: 10.139 ng
RT: 14.033 min Scan# 1861
Delta R.T. -0.006 min
Lab File: BM043992.D
Acq: 06 Feb 2024 15:15

Tgt Ion:163 Resp: 678119
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 9.6 8.0 12.0

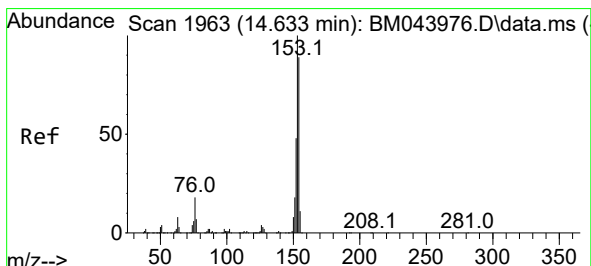
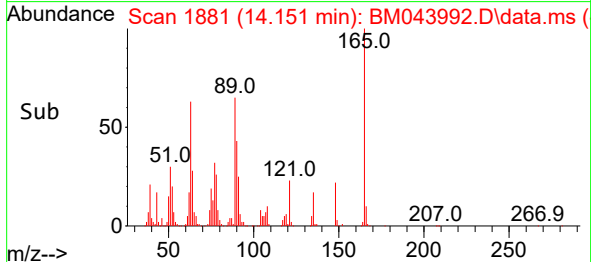
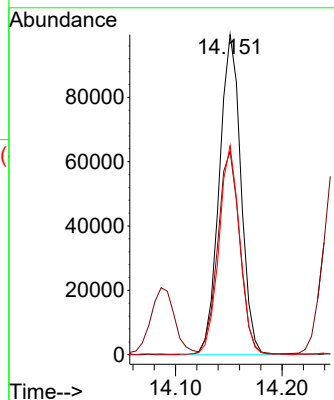
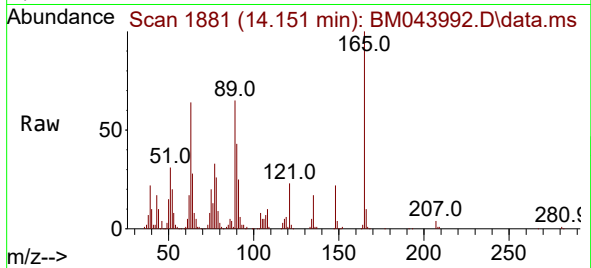




#51
2,6-Dinitrotoluene
Concen: 9.516 ng
RT: 14.151 min Scan# 1881
Delta R.T. -0.006 min
Lab File: BM043992.D
Acq: 06 Feb 2024 15:15

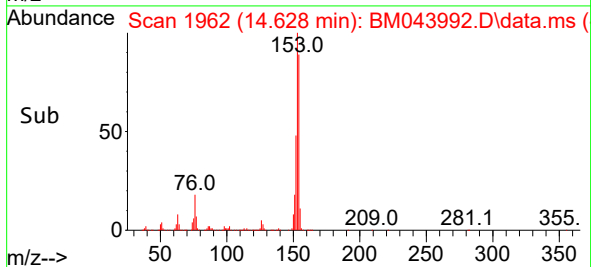
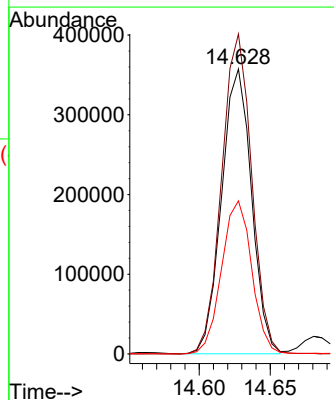
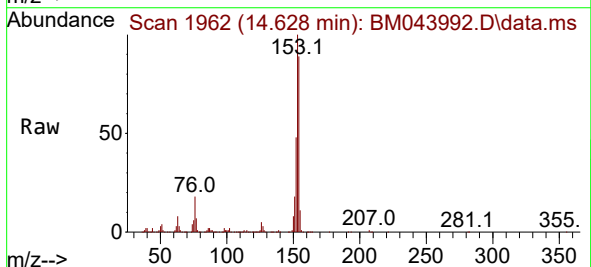
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2023

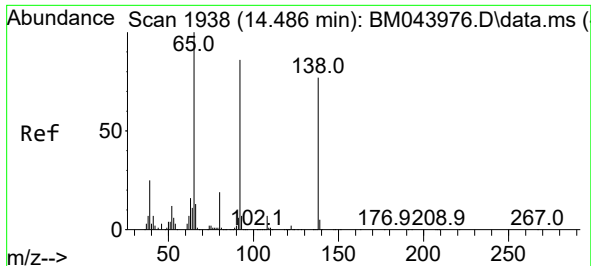
Tgt Ion:165 Resp: 139893
Ion Ratio Lower Upper
165 100
63 63.5 51.1 76.7
89 65.3 49.5 74.3



#52
Acenaphthene
Concen: 10.005 ng
RT: 14.628 min Scan# 1962
Delta R.T. -0.006 min
Lab File: BM043992.D
Acq: 06 Feb 2024 15:15

Tgt Ion:154 Resp: 523554
Ion Ratio Lower Upper
154 100
153 112.3 90.1 135.1
152 53.7 43.6 65.4

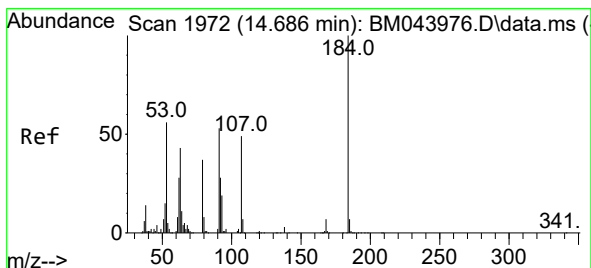
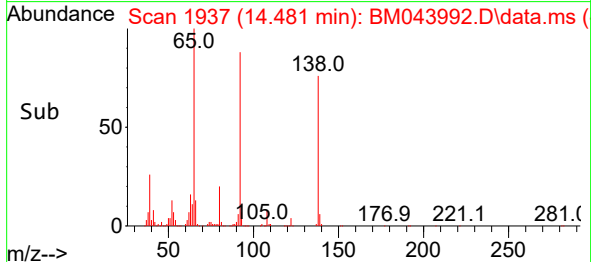
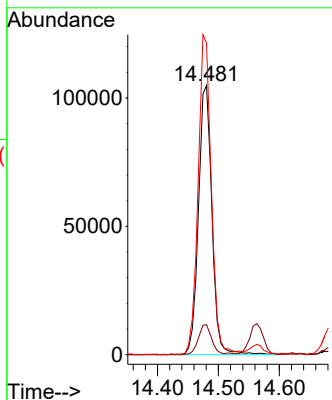
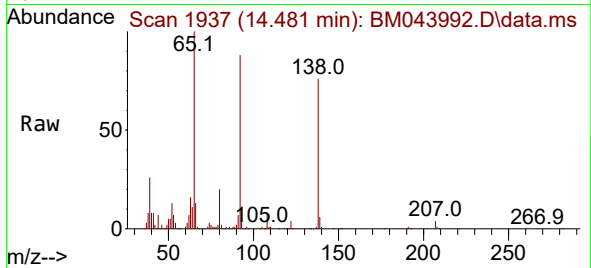




#53
3-Nitroaniline
Concen: 9.439 ng
RT: 14.481 min Scan# 1938
Delta R.T. -0.006 min
Lab File: BM043992.D
Acq: 06 Feb 2024 15:15

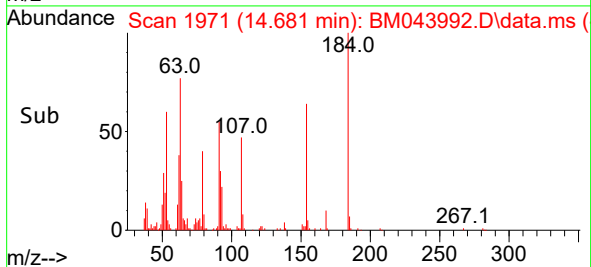
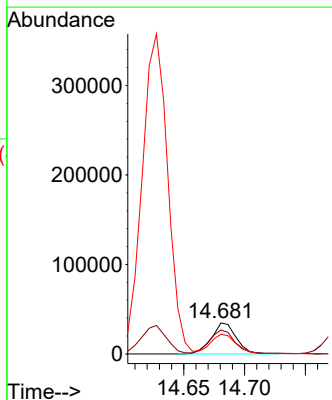
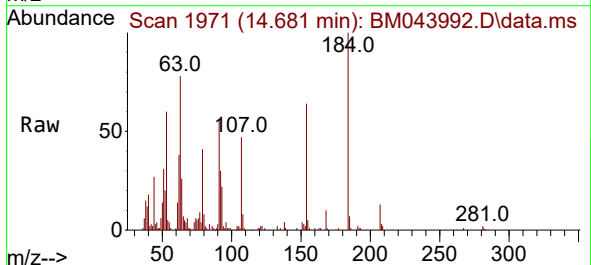
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2023

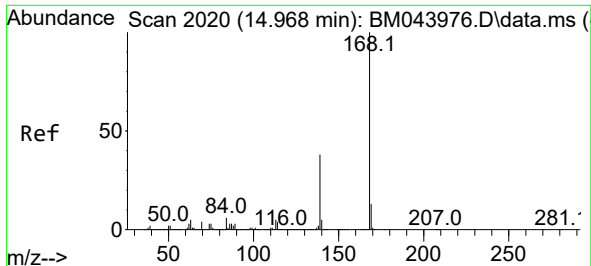
Tgt Ion:138 Resp: 161105
Ion Ratio Lower Upper
138 100
108 11.1 7.8 11.6
92 115.8 89.7 134.5



#54
2,4-Dinitrophenol
Concen: 12.318 ng
RT: 14.681 min Scan# 1971
Delta R.T. -0.005 min
Lab File: BM043992.D
Acq: 06 Feb 2024 15:15

Tgt Ion:184 Resp: 49204
Ion Ratio Lower Upper
184 100
63 77.7 62.8 94.2
154 63.6 51.4 77.2

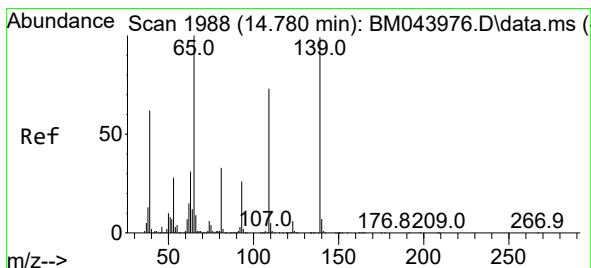
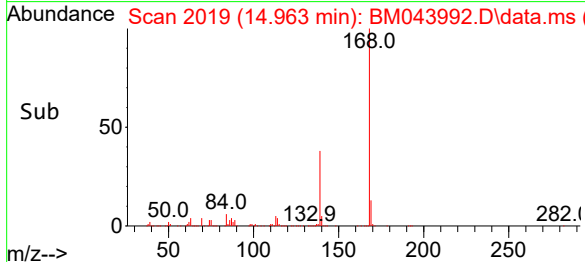
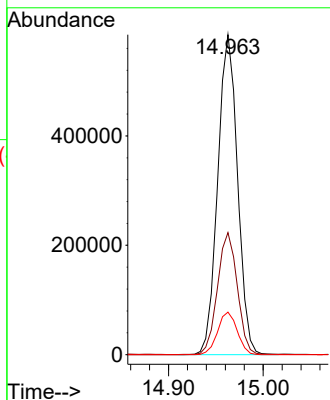
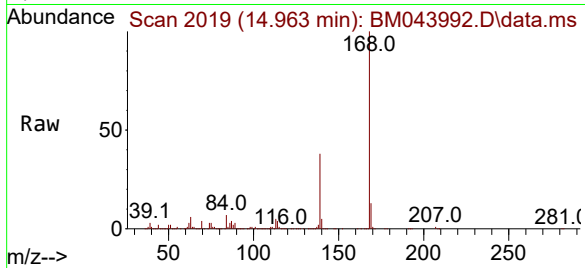




#55
Dibenzenofuran
Concen: 10.459 ng
RT: 14.963 min Scan# 20
Delta R.T. -0.006 min
Lab File: BM043992.D
Acq: 06 Feb 2024 15:15

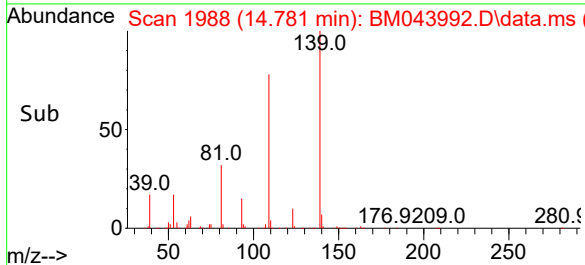
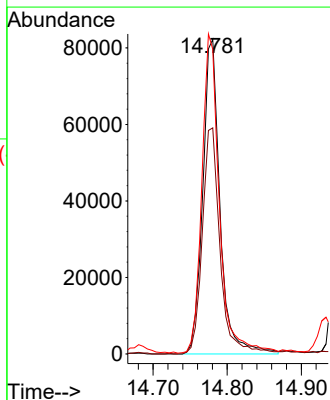
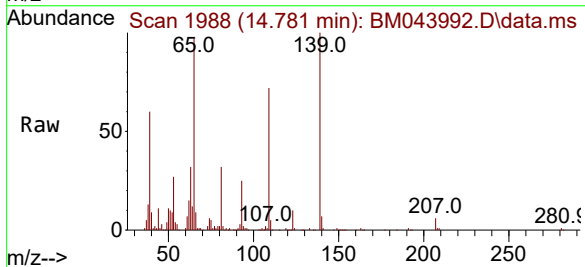
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2023

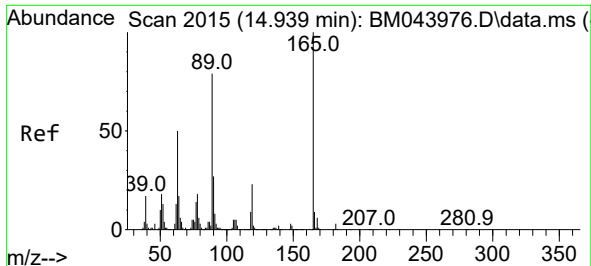
Tgt Ion:168 Resp: 851704
Ion Ratio Lower Upper
168 100
139 38.1 30.7 46.1
169 13.3 10.5 15.7



#56
4-Nitrophenol
Concen: 8.936 ng
RT: 14.781 min Scan# 1988
Delta R.T. 0.000 min
Lab File: BM043992.D
Acq: 06 Feb 2024 15:15

Tgt Ion:139 Resp: 133279
Ion Ratio Lower Upper
139 100
109 71.9 53.2 93.2
65 96.8 80.7 120.7





#57

2,4-Dinitrotoluene

Concen: 8.739 ng

RT: 14.933 min Scan# 20

Delta R.T. -0.006 min

Lab File: BM043992.D

Acq: 06 Feb 2024 15:15

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2023

Tgt Ion:165 Resp: 178844

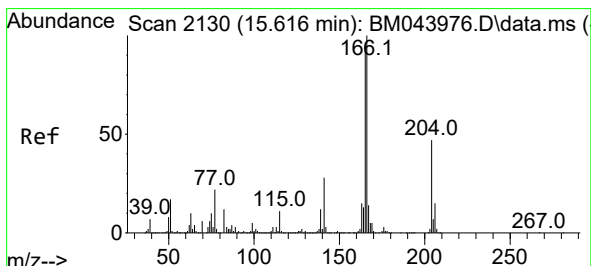
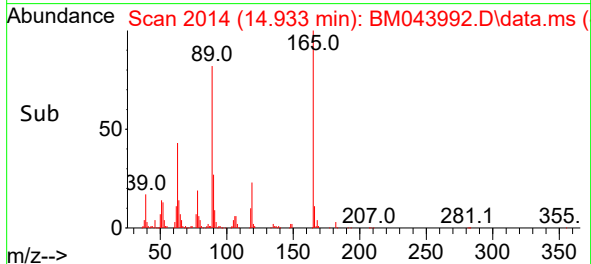
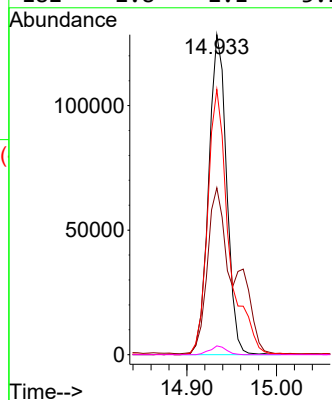
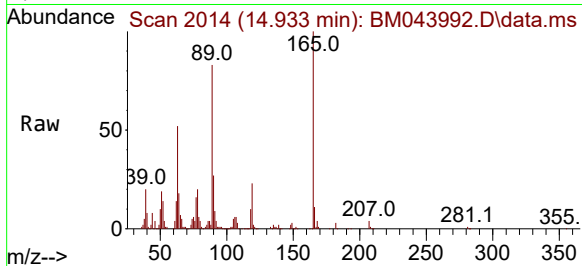
Ion Ratio Lower Upper

165 100

63 52.2 40.2 60.4

89 82.9 63.3 94.9

182 2.8 2.1 3.1



#58

Fluorene

Concen: 10.017 ng

RT: 15.616 min Scan# 2130

Delta R.T. 0.000 min

Lab File: BM043992.D

Acq: 06 Feb 2024 15:15

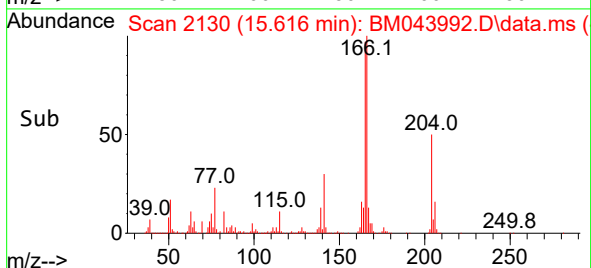
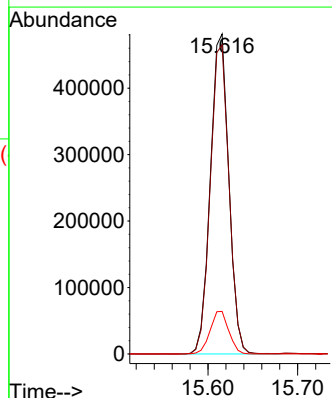
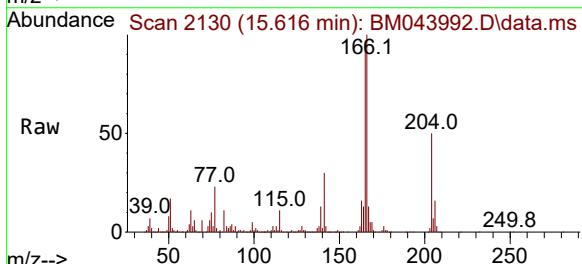
Tgt Ion:166 Resp: 688848

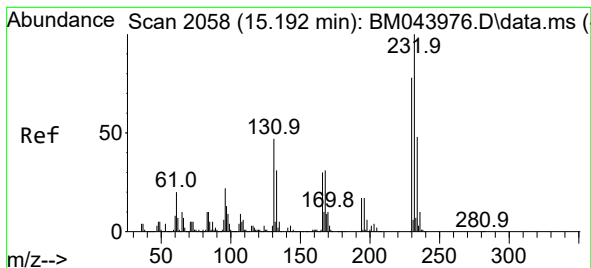
Ion Ratio Lower Upper

166 100

165 96.5 76.3 114.5

167 13.3 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 10.028 ng

RT: 15.186 min Scan# 2058

Delta R.T. -0.006 min

Lab File: BM043992.D

Acq: 06 Feb 2024 15:15

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2023

Tgt Ion:232 Resp: 162782

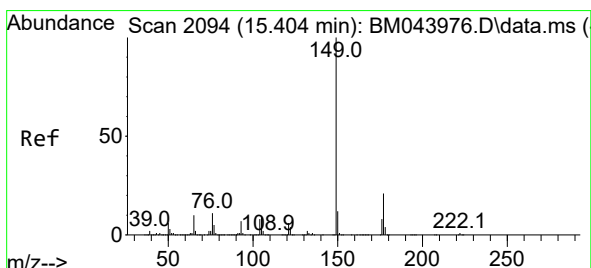
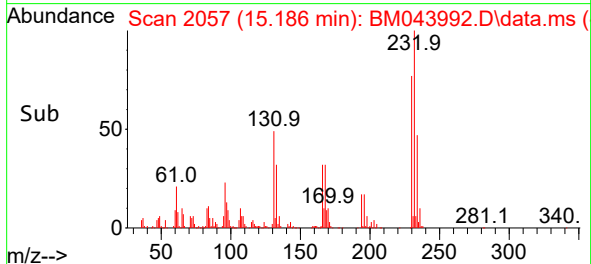
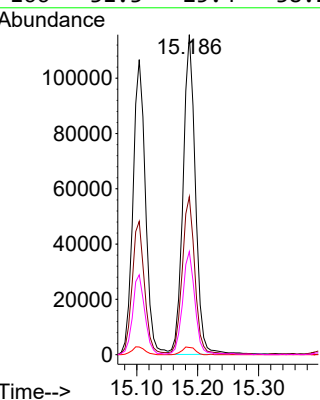
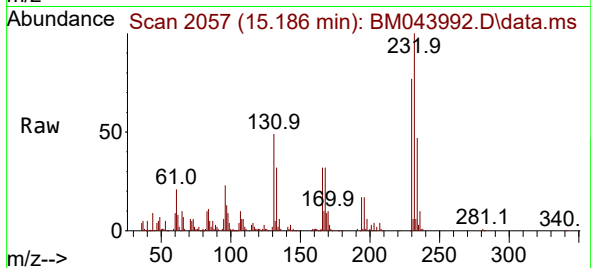
Ion Ratio Lower Upper

232 100

131 50.2 39.8 59.6

130 2.5 2.0 3.0

166 31.3 25.4 38.2



#60

Diethylphthalate

Concen: 9.831 ng

RT: 15.398 min Scan# 2093

Delta R.T. -0.006 min

Lab File: BM043992.D

Acq: 06 Feb 2024 15:15

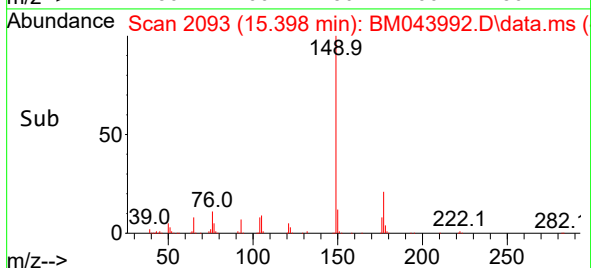
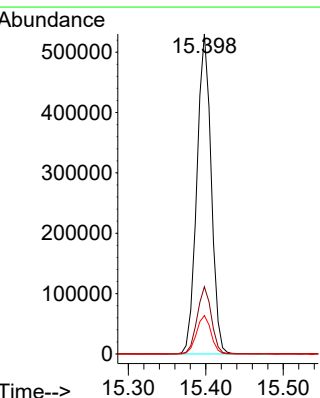
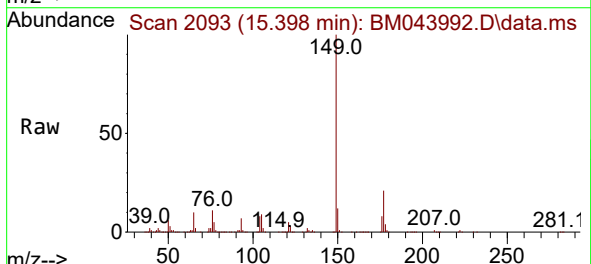
Tgt Ion:149 Resp: 680656

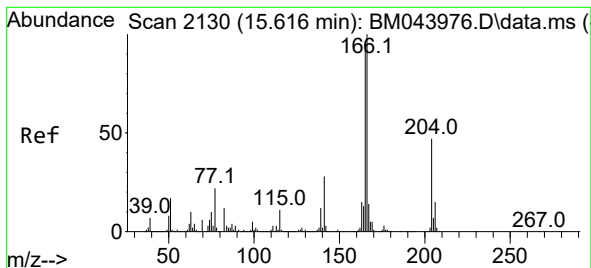
Ion Ratio Lower Upper

149 100

177 21.0 17.1 25.7

150 12.0 9.8 14.6

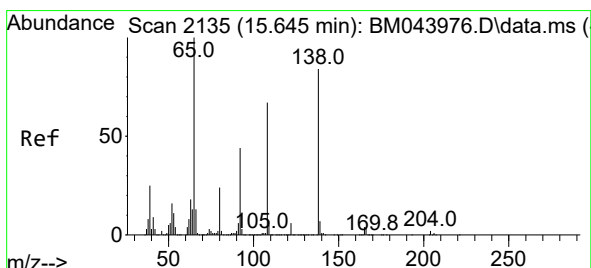
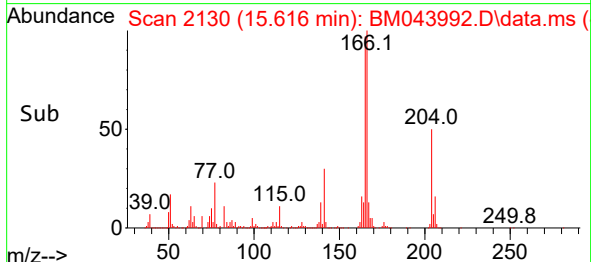
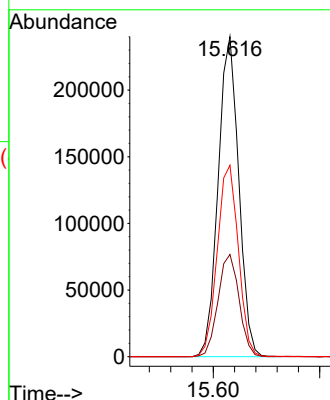
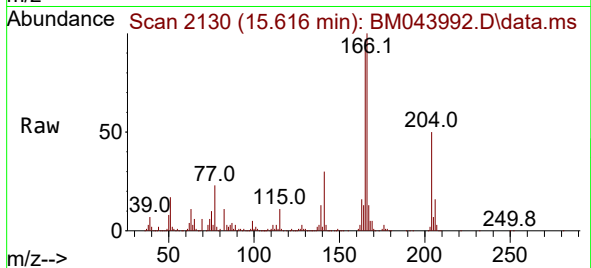




#61
4-Chlorophenyl-phenylether
Concen: 10.024 ng
RT: 15.616 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BM043992.D
Acq: 06 Feb 2024 15:15

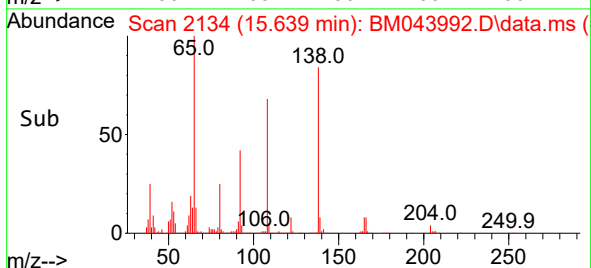
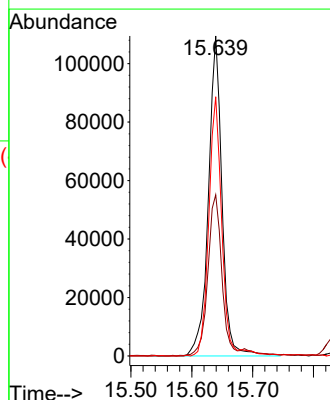
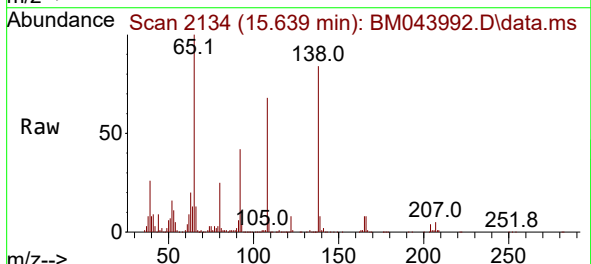
Instrument :
BNA_M
ClientSampleId :
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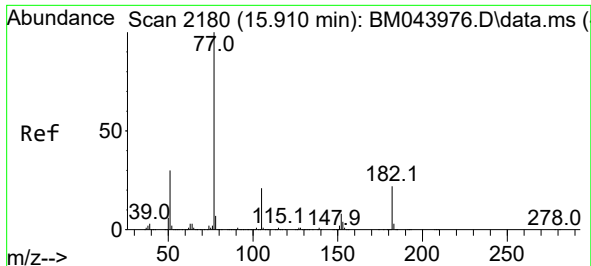
Tgt Ion:204 Resp: 321615
Ion Ratio Lower Upper
204 100
206 32.0 26.2 39.2
141 59.8 48.6 72.8



#62
4-Nitroaniline
Concen: 9.137 ng
RT: 15.639 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BM043992.D
Acq: 06 Feb 2024 15:15

Tgt Ion:138 Resp: 170498
Ion Ratio Lower Upper
138 100
92 50.4 32.7 72.7
108 81.0 60.0 100.0

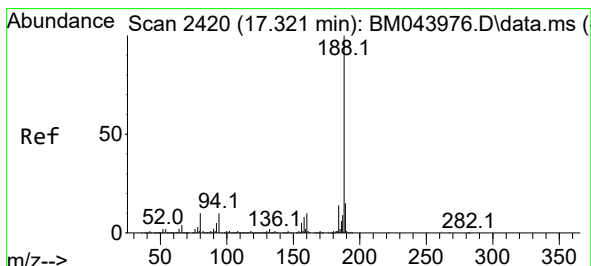
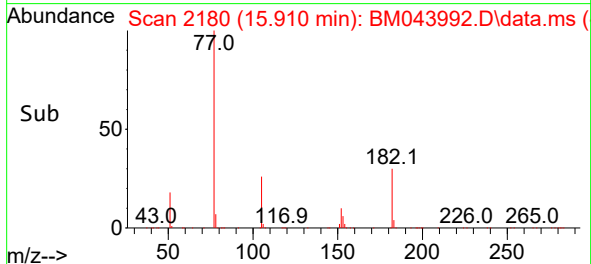
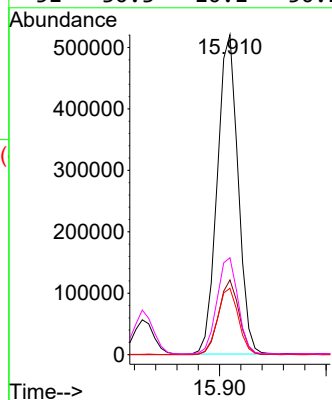
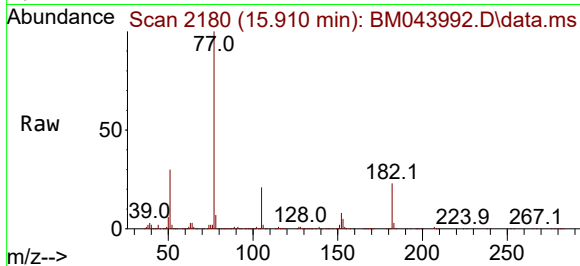




#63
Azobenzene
Concen: 10.182 ng
RT: 15.910 min Scan# 2180
Delta R.T. 0.000 min
Lab File: BM043992.D
Acq: 06 Feb 2024 15:15

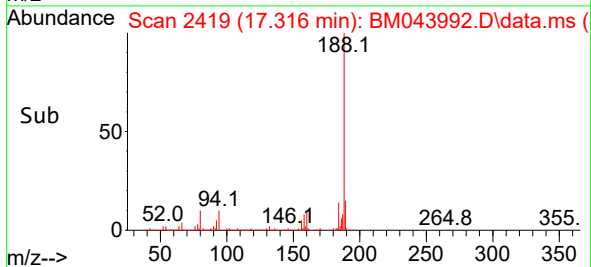
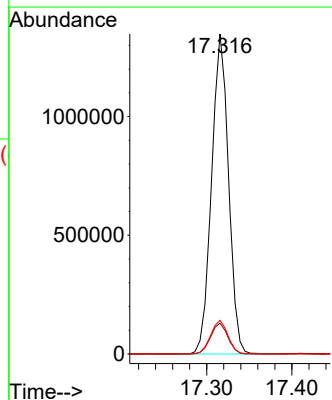
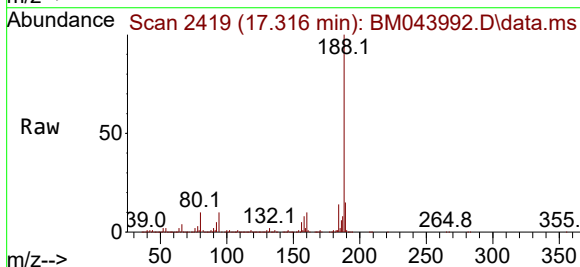
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2023

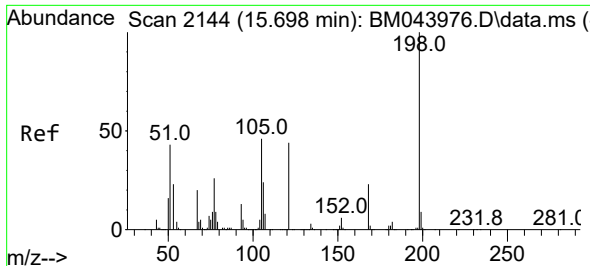
Tgt Ion: 77	Resp: 704145
Ion Ratio	Lower Upper
77 100	
182 23.4	2.0 42.0
105 20.7	0.5 40.5
51 30.3	10.1 50.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.316 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BM043992.D
Acq: 06 Feb 2024 15:15

Tgt Ion: 188	Resp: 1859960
Ion Ratio	Lower Upper
188 100	
94 9.7	7.7 11.5
80 10.5	8.2 12.4

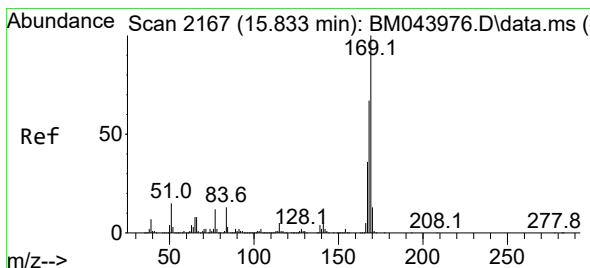
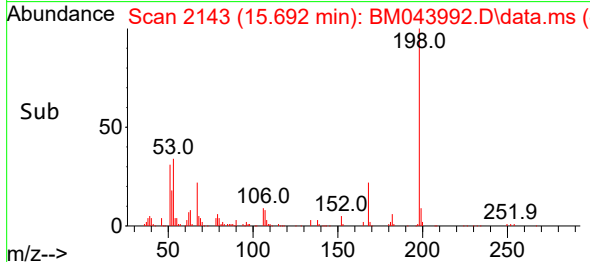
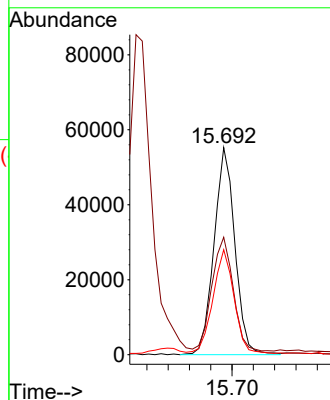
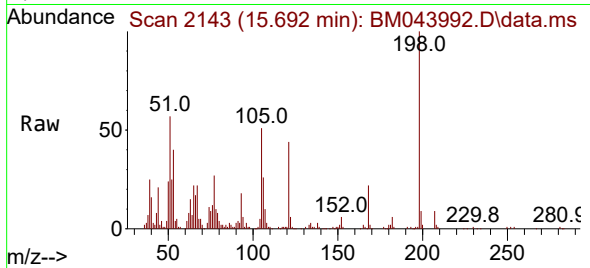




#65
4,6-Dinitro-2-methylphenol
Concen: 11.893 ng
RT: 15.692 min Scan# 2143
Delta R.T. -0.006 min
Lab File: BM043992.D
Acq: 06 Feb 2024 15:15

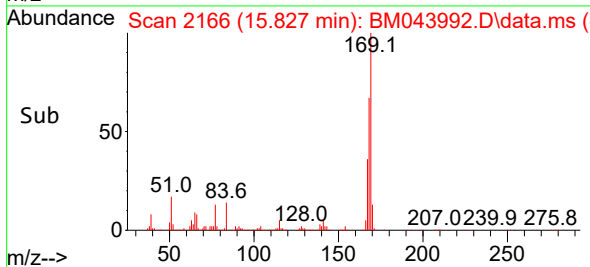
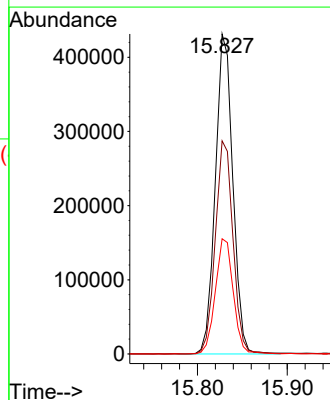
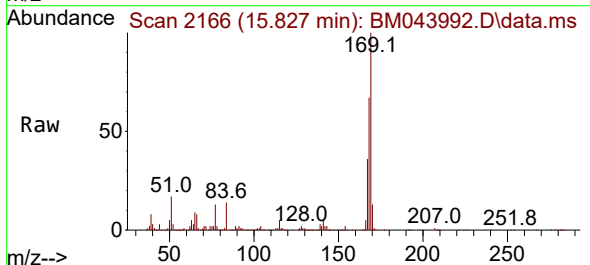
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2023

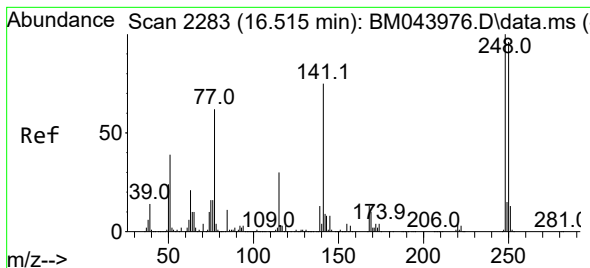
Tgt Ion:198 Resp: 75160
Ion Ratio Lower Upper
198 100
51 56.7 31.9 71.9
105 50.7 28.1 68.1



#66
n-Nitrosodiphenylamine
Concen: 10.536 ng
RT: 15.827 min Scan# 2166
Delta R.T. -0.006 min
Lab File: BM043992.D
Acq: 06 Feb 2024 15:15

Tgt Ion:169 Resp: 583756
Ion Ratio Lower Upper
169 100
168 66.6 53.4 80.2
167 36.0 29.0 43.4

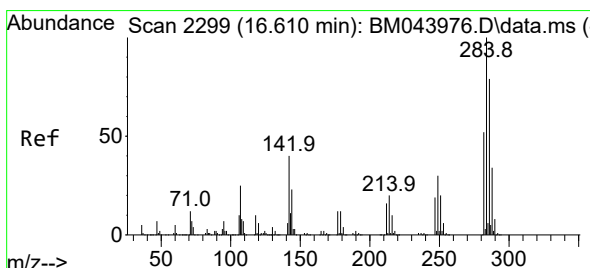
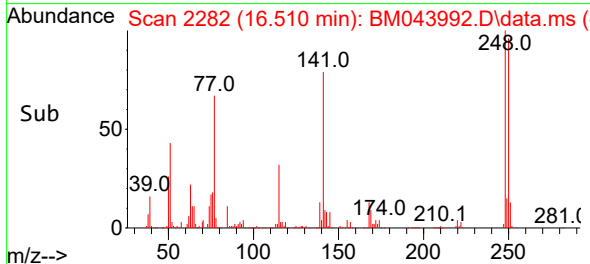
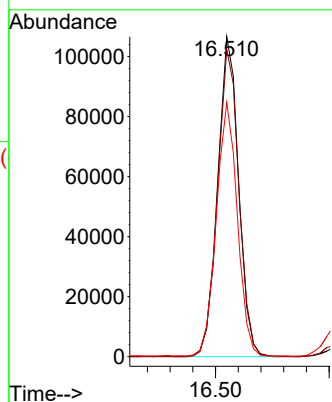
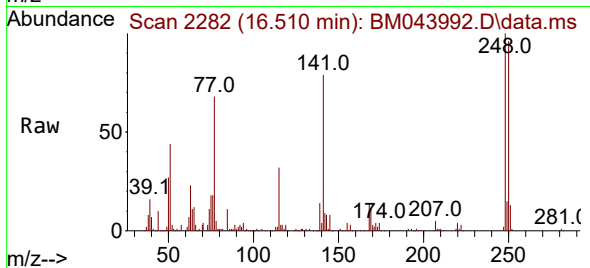




#67
4-Bromophenyl-phenylether
Concen: 7.475 ng
RT: 16.510 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM043992.D
Acq: 06 Feb 2024 15:15

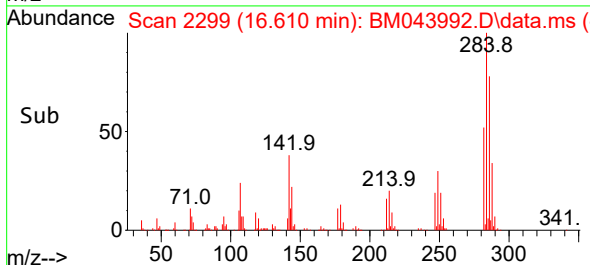
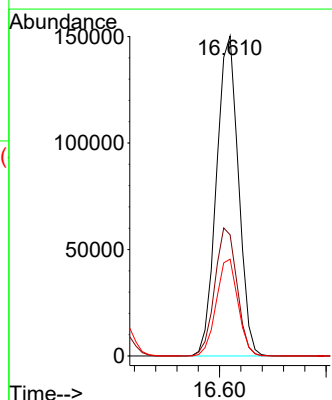
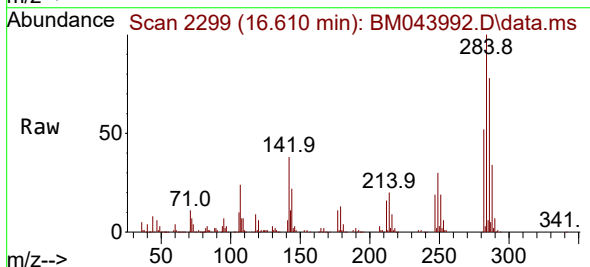
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2023

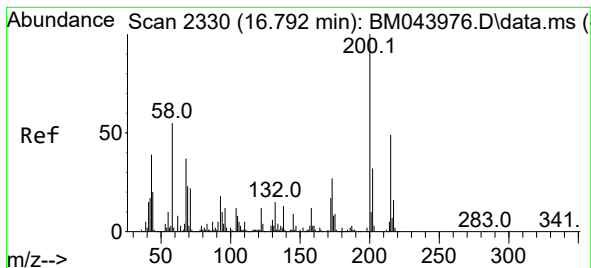
Tgt Ion:248 Resp: 136967
Ion Ratio Lower Upper
248 100
250 96.0 77.0 115.4
141 79.4 59.9 89.9



#68
Hexachlorobenzene
Concen: 9.833 ng
RT: 16.610 min Scan# 2299
Delta R.T. 0.000 min
Lab File: BM043992.D
Acq: 06 Feb 2024 15:15

Tgt Ion:284 Resp: 214821
Ion Ratio Lower Upper
284 100
142 37.9 32.2 48.4
249 30.3 24.4 36.6





#69

Atrazine

Concen: 12.317 ng

RT: 16.786 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM043992.D

Acq: 06 Feb 2024 15:15

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2023

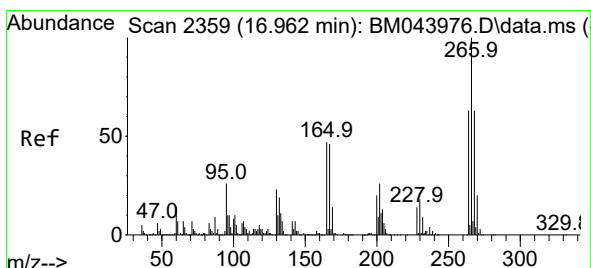
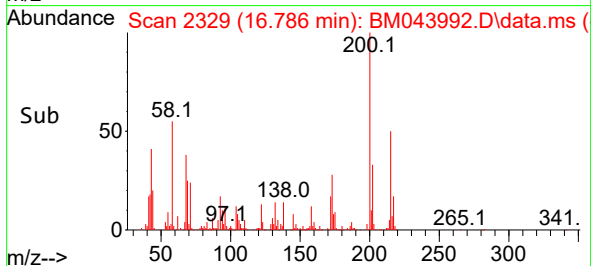
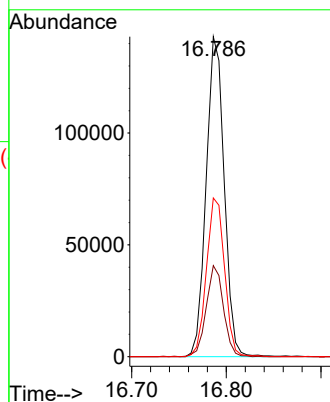
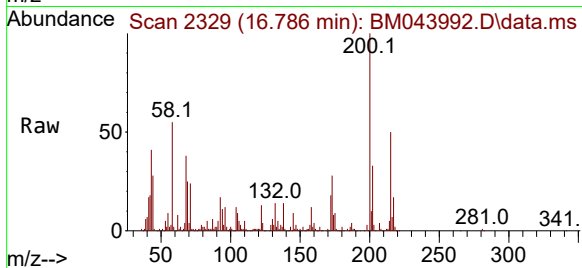
Tgt Ion:200 Resp: 188788

Ion Ratio Lower Upper

200 100

173 28.4 7.3 47.3

215 49.6 28.7 68.7



#70

Pentachlorophenol

Concen: 7.923 ng

RT: 16.957 min Scan# 2358

Delta R.T. -0.005 min

Lab File: BM043992.D

Acq: 06 Feb 2024 15:15

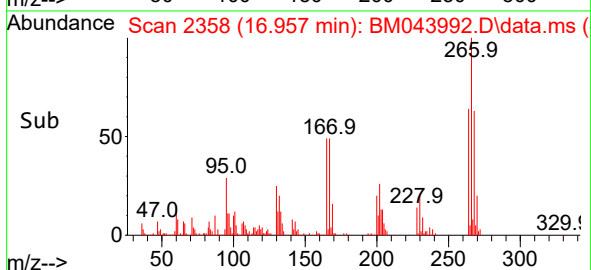
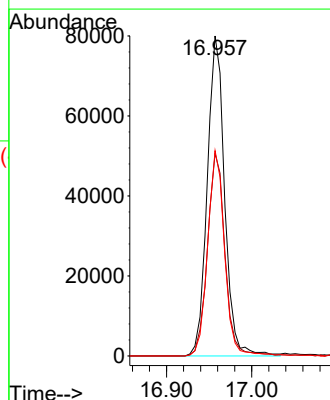
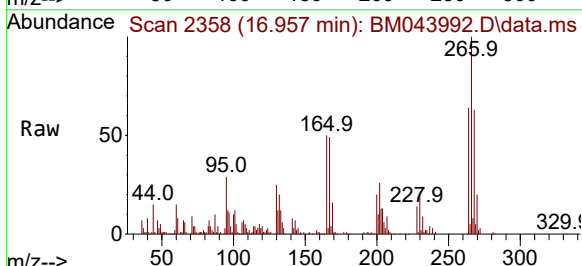
Tgt Ion:266 Resp: 113650

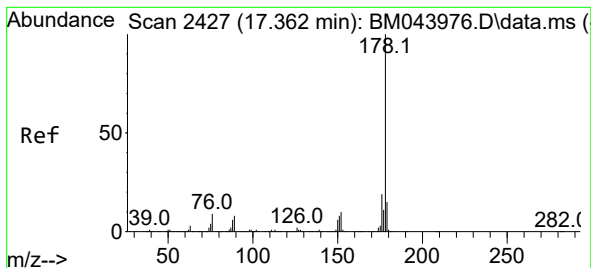
Ion Ratio Lower Upper

266 100

268 63.3 50.6 76.0

264 64.1 50.6 76.0





#71

Phenanthrene

Concen: 10.516 ng

RT: 17.357 min Scan# 2426

Delta R.T. -0.006 min

Lab File: BM043992.D

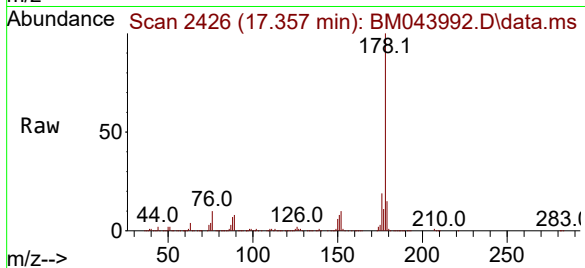
Acq: 06 Feb 2024 15:15

Instrument :

BNA_M

ClientSampleId :

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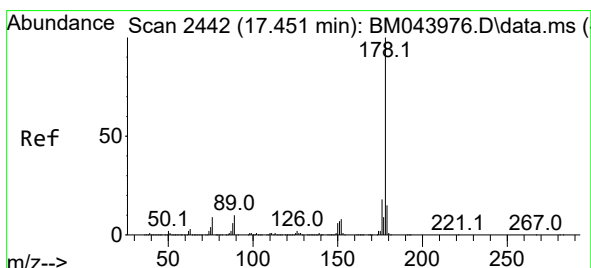
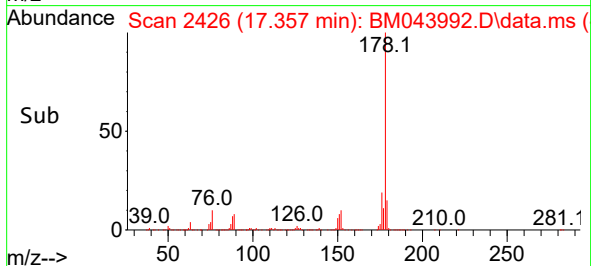
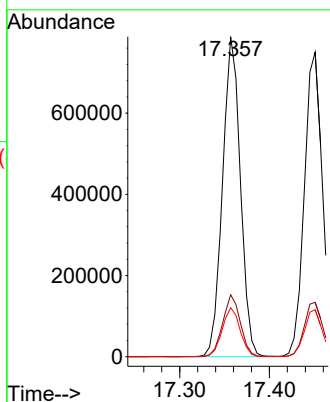
Tgt Ion:178 Resp: 1089441

Ion Ratio Lower Upper

178 100

176 19.4 15.3 22.9

179 15.3 12.4 18.6



#72

Anthracene

Concen: 10.514 ng

RT: 17.451 min Scan# 2442

Delta R.T. 0.000 min

Lab File: BM043992.D

Acq: 06 Feb 2024 15:15

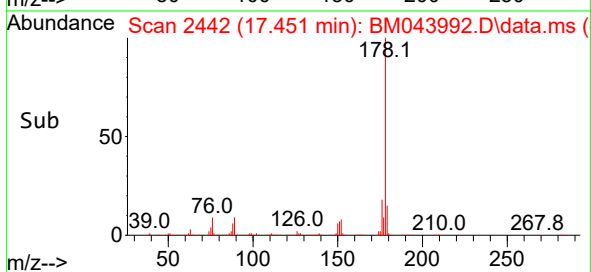
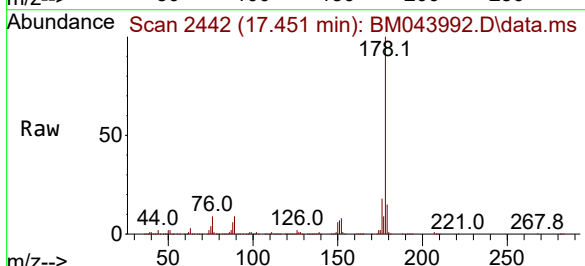
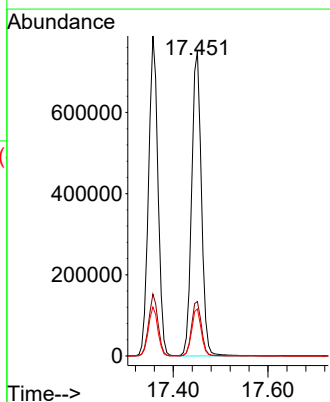
Tgt Ion:178 Resp: 1066399

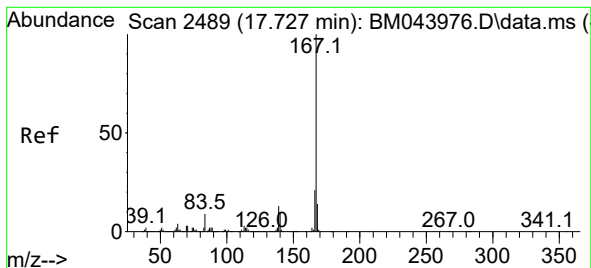
Ion Ratio Lower Upper

178 100

176 17.9 14.6 22.0

179 15.5 12.2 18.4





#73

Carbazole

Concen: 9.913 ng

RT: 17.727 min Scan# 24

Delta R.T. 0.000 min

Lab File: BM043992.D

Acq: 06 Feb 2024 15:15

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2023

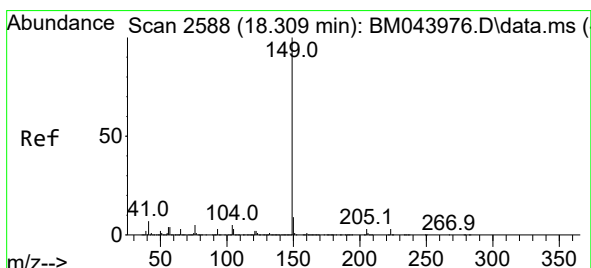
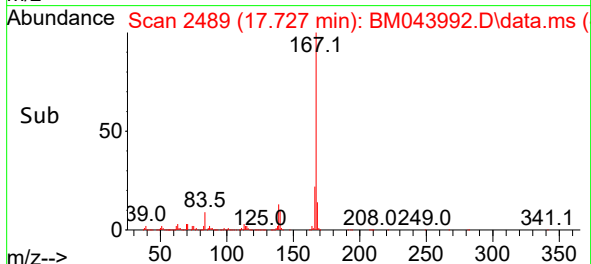
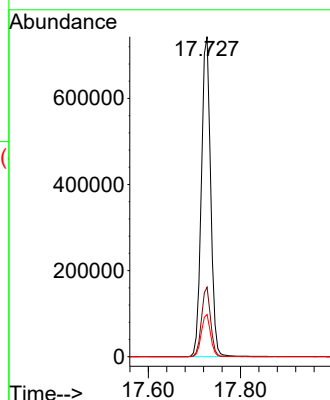
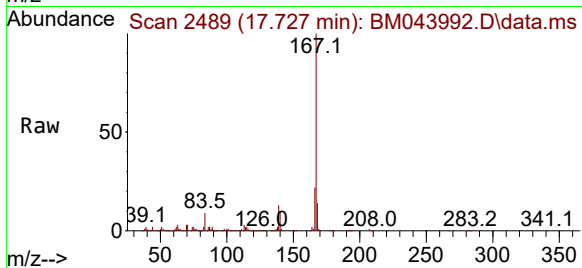
Tgt Ion:167 Resp: 1041220

Ion Ratio Lower Upper

167 100

166 21.7 17.1 25.7

139 13.2 10.6 15.8



#74

Di-n-butylphthalate

Concen: 9.770 ng

RT: 18.304 min Scan# 2587

Delta R.T. -0.005 min

Lab File: BM043992.D

Acq: 06 Feb 2024 15:15

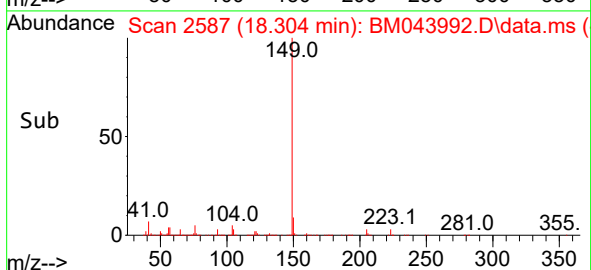
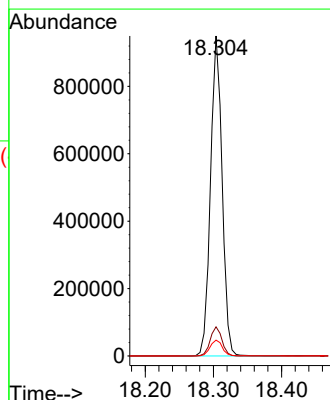
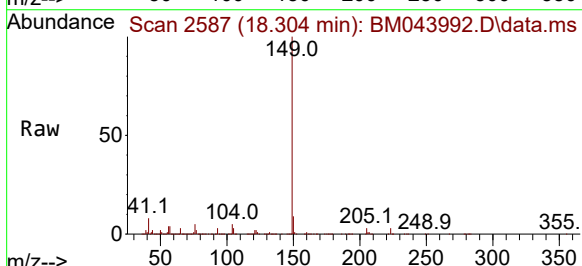
Tgt Ion:149 Resp: 1125446

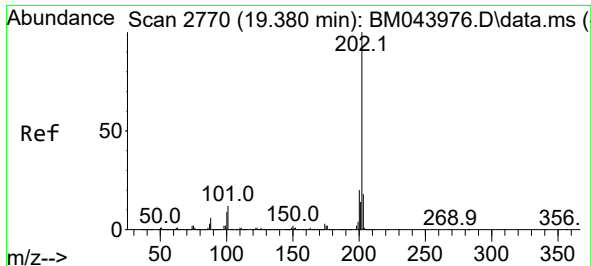
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.0

104 4.9 4.1 6.1

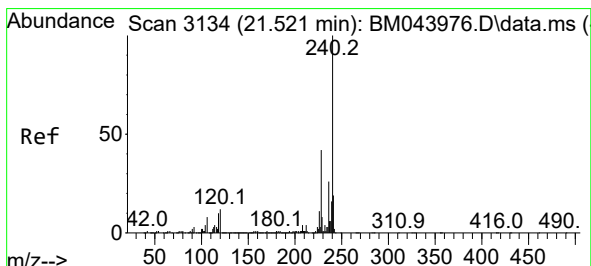
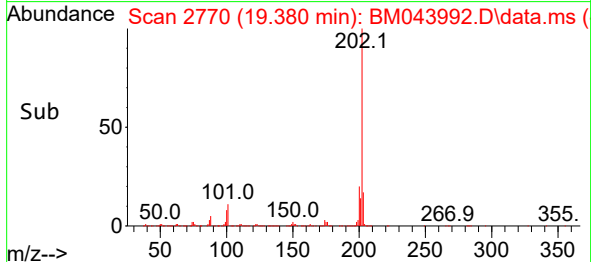
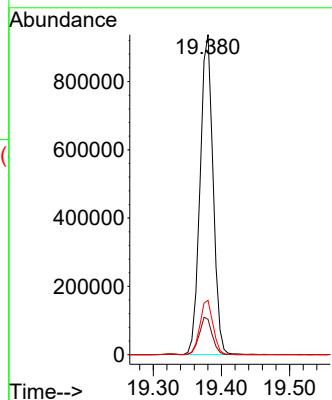
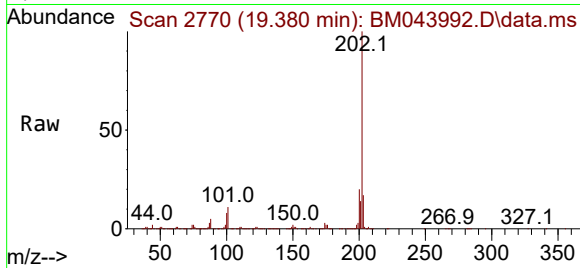




#75
Fluoranthene
Concen: 9.651 ng
RT: 19.380 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM043992.D
Acq: 06 Feb 2024 15:15

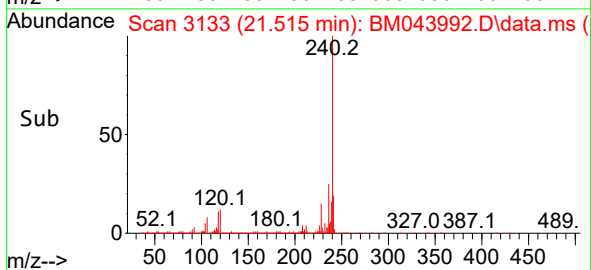
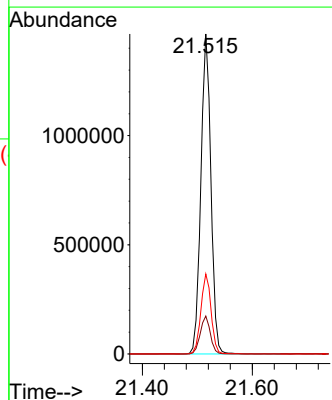
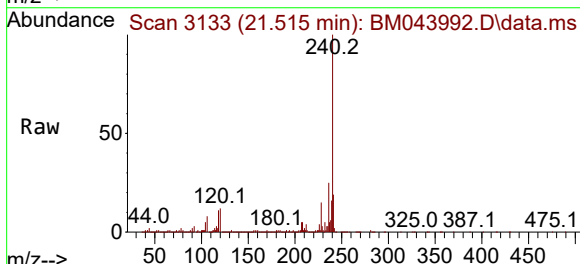
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2023

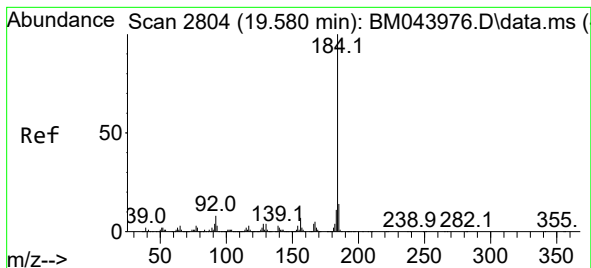
Tgt Ion:202 Resp: 1236446
Ion Ratio Lower Upper
202 100
101 11.0 0.0 31.9
203 17.0 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.515 min Scan# 3133
Delta R.T. -0.006 min
Lab File: BM043992.D
Acq: 06 Feb 2024 15:15

Tgt Ion:240 Resp: 1860586
Ion Ratio Lower Upper
240 100
120 11.8 9.3 13.9
236 25.0 20.5 30.7





#77

Benzidine

Concen: 22.175 ng

RT: 19.574 min Scan# 2803

Delta R.T. -0.006 min

Lab File: BM043992.D

Acq: 06 Feb 2024 15:15

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2023

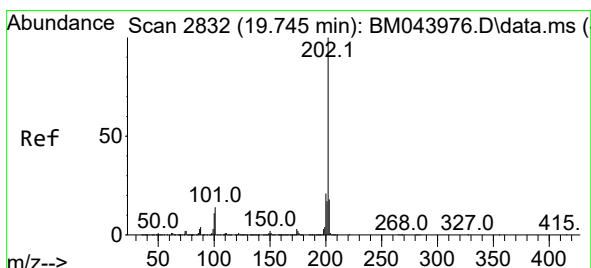
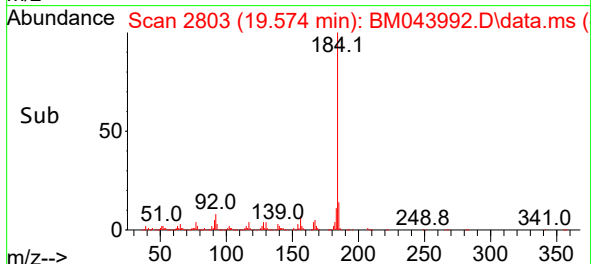
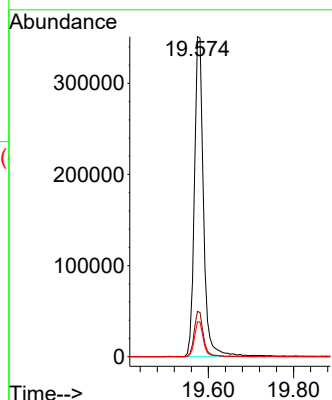
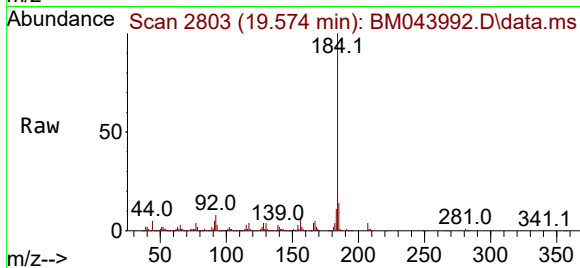
Tgt Ion:184 Resp: 523472

Ion Ratio Lower Upper

184 100

185 14.2 11.5 17.3

183 10.9 8.9 13.3



#78

Pyrene

Concen: 10.444 ng

RT: 19.739 min Scan# 2831

Delta R.T. -0.006 min

Lab File: BM043992.D

Acq: 06 Feb 2024 15:15

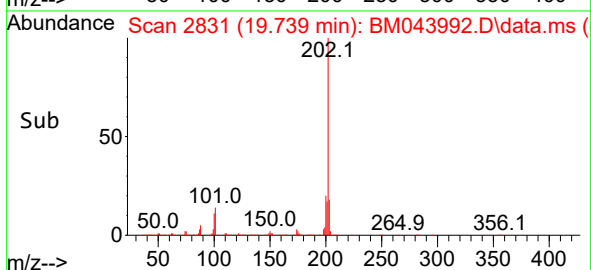
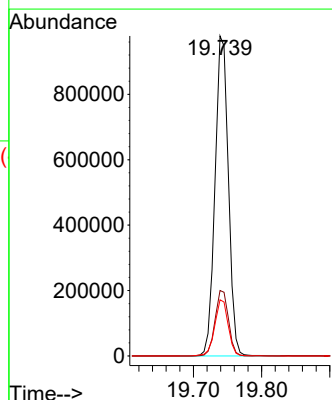
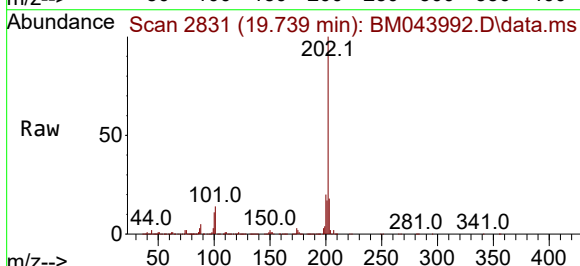
Tgt Ion:202 Resp: 1335751

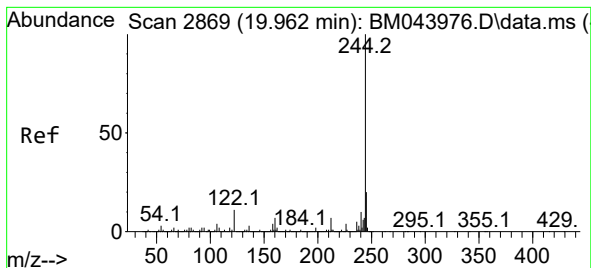
Ion Ratio Lower Upper

202 100

200 20.5 16.8 25.2

203 17.6 14.2 21.4





#79

Terphenyl-d14

Concen: 93.340 ng

RT: 19.957 min Scan# 21

Delta R.T. -0.005 min

Lab File: BM043992.D

Acq: 06 Feb 2024 15:15

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2023

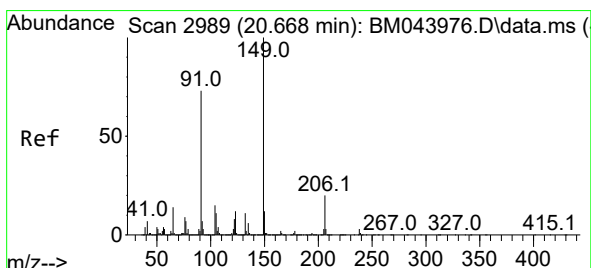
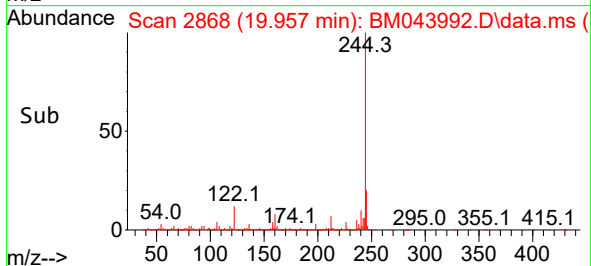
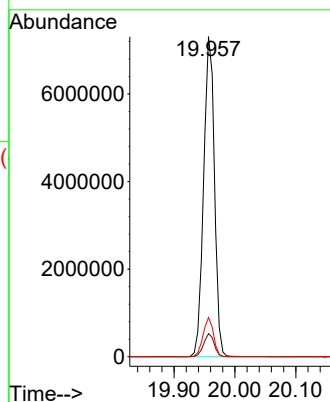
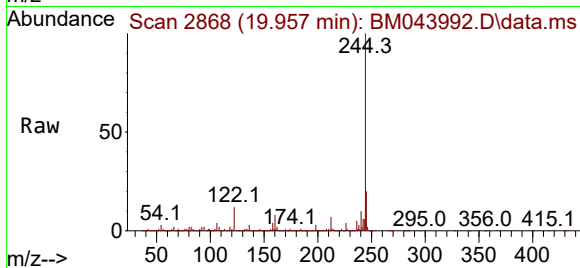
Tgt Ion:244 Resp: 8996317

Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

122 12.3 8.7 13.1



#80

Butylbenzylphthalate

Concen: 9.729 ng

RT: 20.662 min Scan# 2988

Delta R.T. -0.006 min

Lab File: BM043992.D

Acq: 06 Feb 2024 15:15

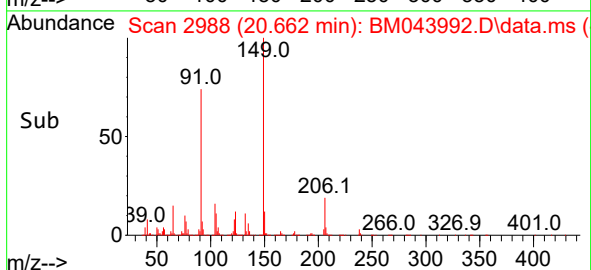
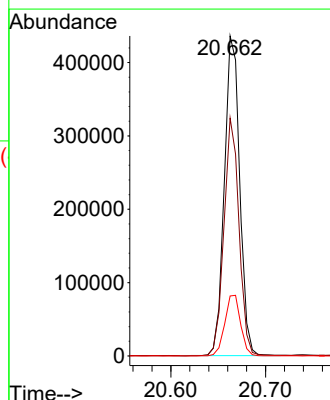
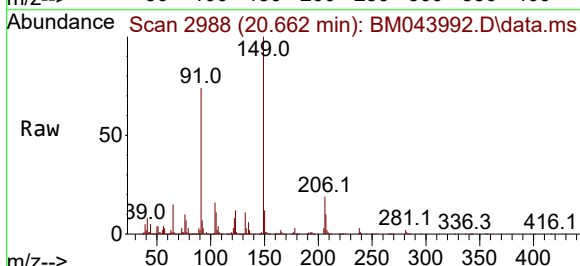
Tgt Ion:149 Resp: 492722

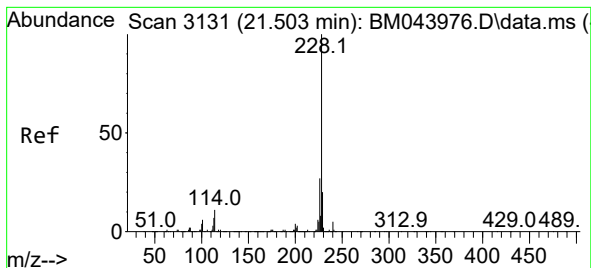
Ion Ratio Lower Upper

149 100

91 74.4 58.4 87.6

206 18.8 15.8 23.6





#81

Benzo(a)anthracene

Concen: 10.520 ng

RT: 21.498 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM043992.D

Acq: 06 Feb 2024 15:15

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2023

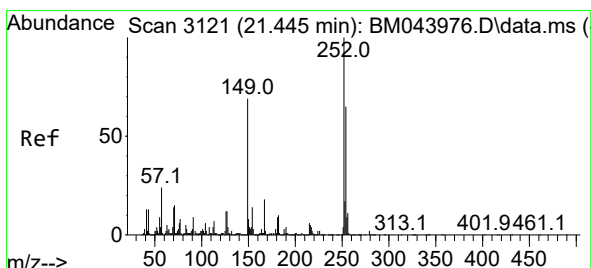
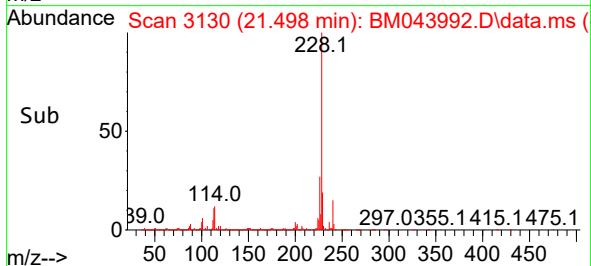
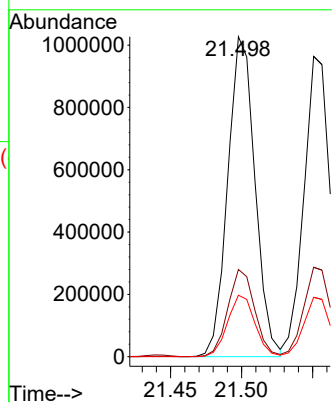
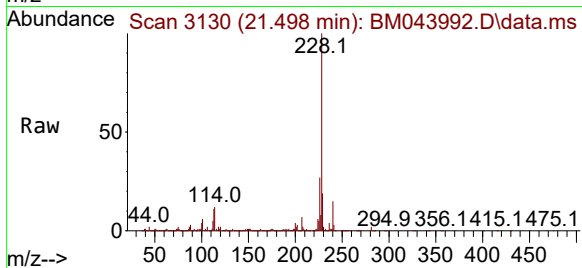
Tgt Ion:228 Resp: 1373139

Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.8

229 19.2 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 10.439 ng

RT: 21.439 min Scan# 3120

Delta R.T. -0.006 min

Lab File: BM043992.D

Acq: 06 Feb 2024 15:15

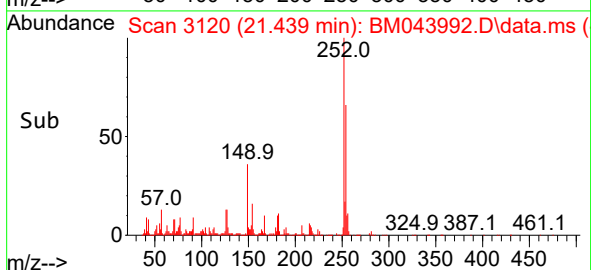
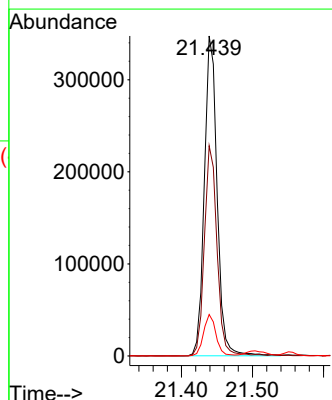
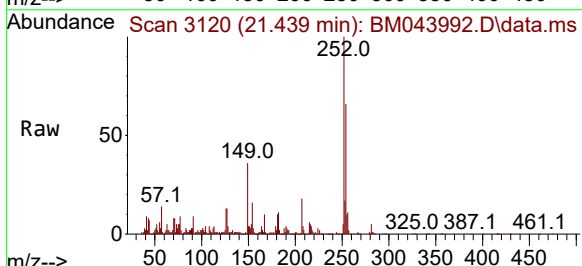
Tgt Ion:252 Resp: 435707

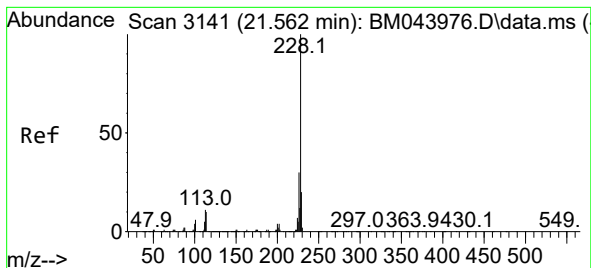
Ion Ratio Lower Upper

252 100

254 65.7 51.6 77.4

126 12.9 9.4 14.2





#83

Chrysene

Concen: 10.051 ng

RT: 21.551 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM043992.D

Acq: 06 Feb 2024 15:15

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2023

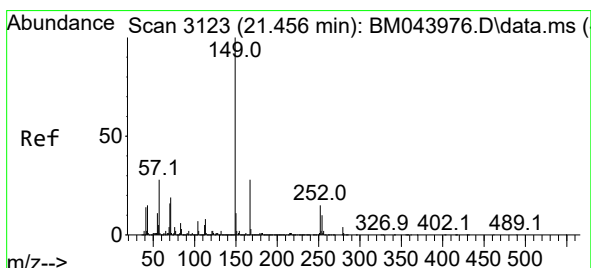
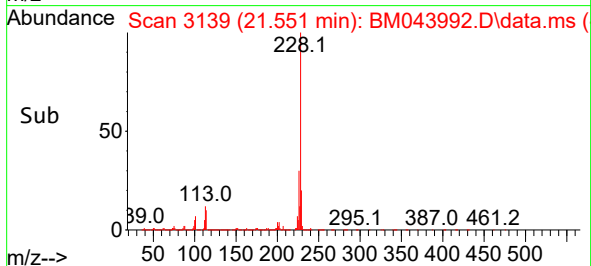
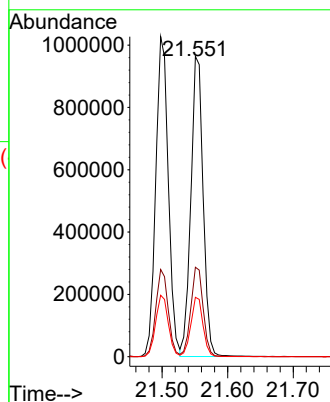
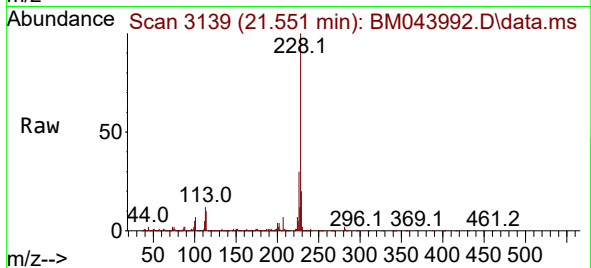
Tgt Ion:228 Resp: 1256957

Ion Ratio Lower Upper

228 100

226 29.8 24.2 36.4

229 19.8 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 9.933 ng

RT: 21.451 min Scan# 3122

Delta R.T. -0.006 min

Lab File: BM043992.D

Acq: 06 Feb 2024 15:15

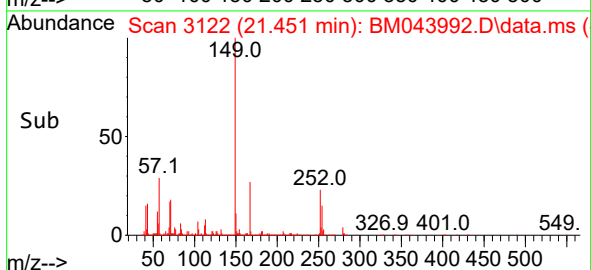
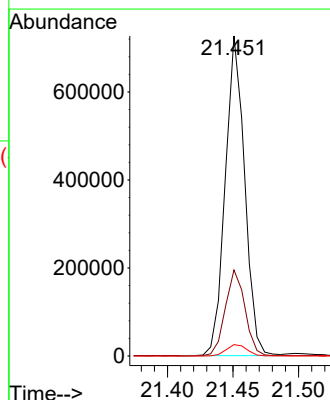
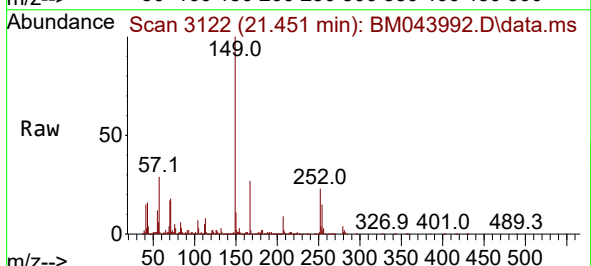
Tgt Ion:149 Resp: 748084

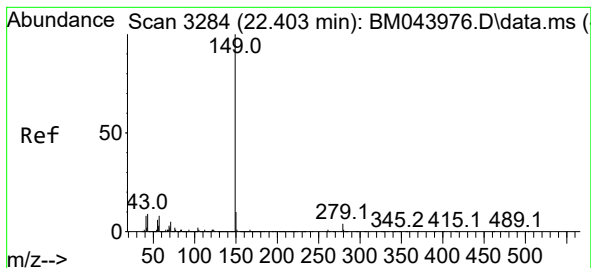
Ion Ratio Lower Upper

149 100

167 26.9 22.0 33.0

279 3.5 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 9.439 ng

RT: 22.398 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM043992.D

Acq: 06 Feb 2024 15:15

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2023

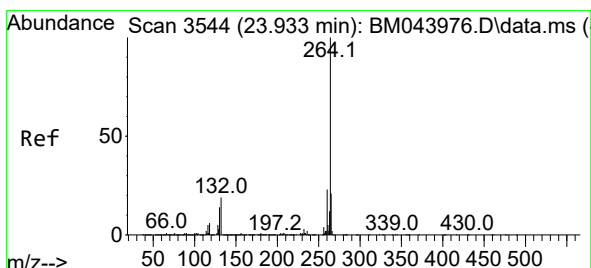
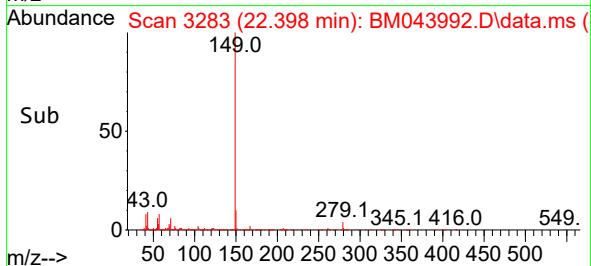
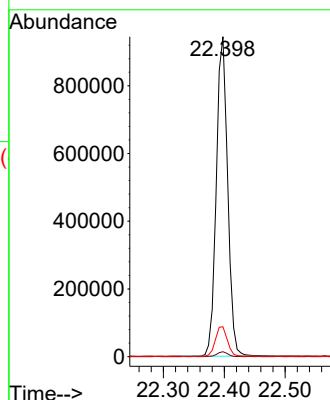
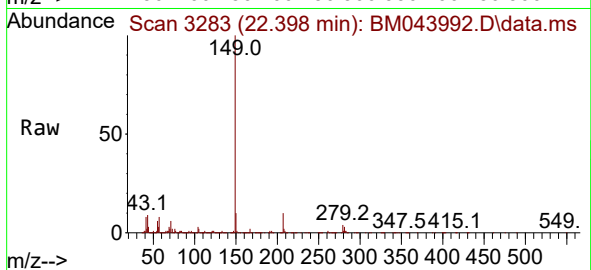
Tgt Ion:149 Resp: 1224607

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 10.0 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.927 min Scan# 3543

Delta R.T. -0.006 min

Lab File: BM043992.D

Acq: 06 Feb 2024 15:15

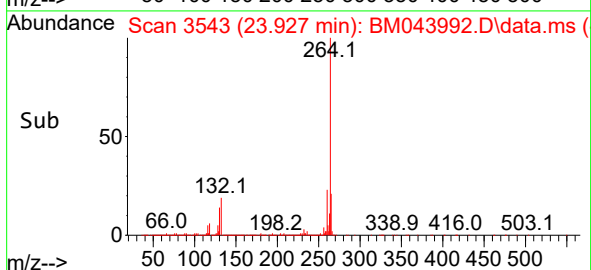
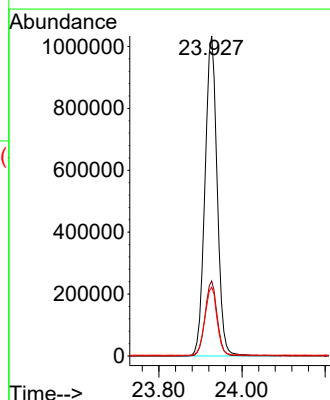
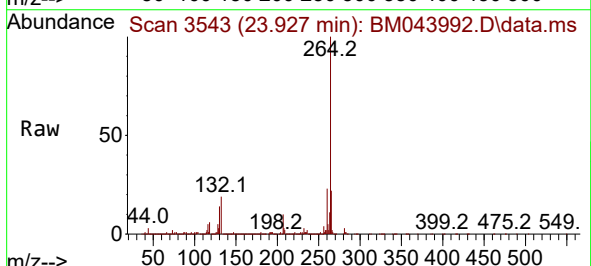
Tgt Ion:264 Resp: 2105145

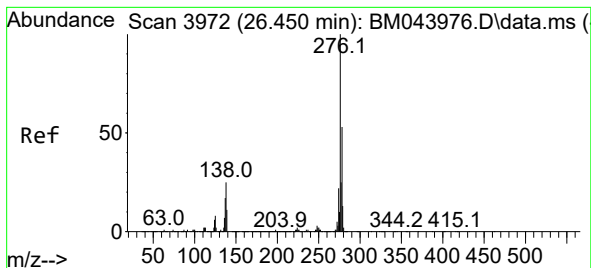
Ion Ratio Lower Upper

264 100

260 23.5 18.6 28.0

265 21.5 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 9.598 ng

RT: 26.427 min Scan# 3968

Delta R.T. -0.023 min

Lab File: BM043992.D

Acq: 06 Feb 2024 15:15

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2023

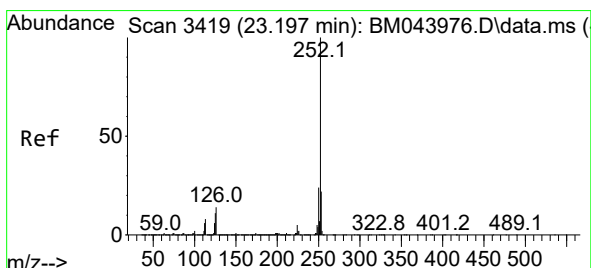
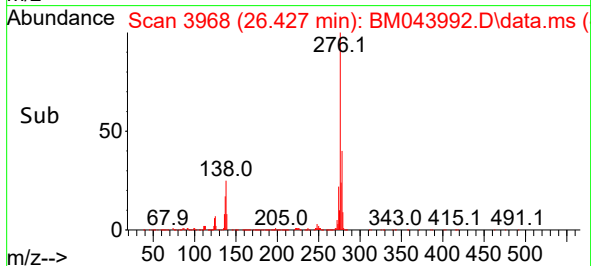
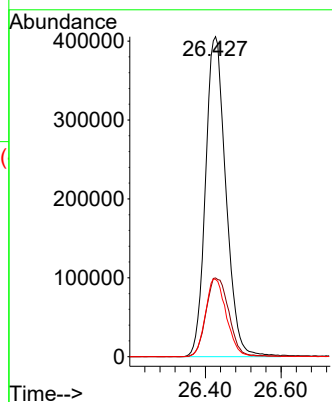
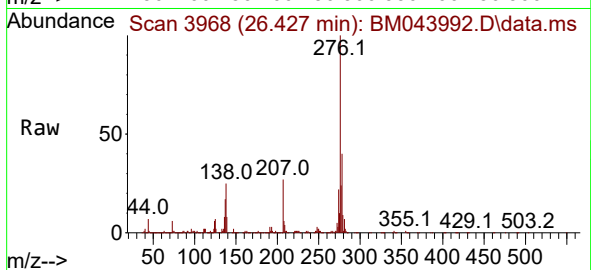
Tgt Ion:276 Resp: 1511886

Ion Ratio Lower Upper

276 100

138 27.8 21.8 32.6

277 25.1 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 10.055 ng

RT: 23.192 min Scan# 3418

Delta R.T. -0.006 min

Lab File: BM043992.D

Acq: 06 Feb 2024 15:15

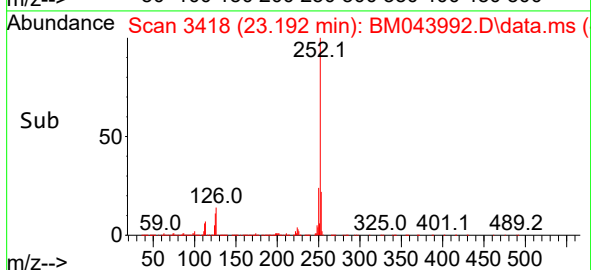
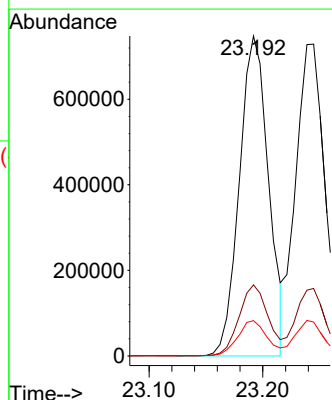
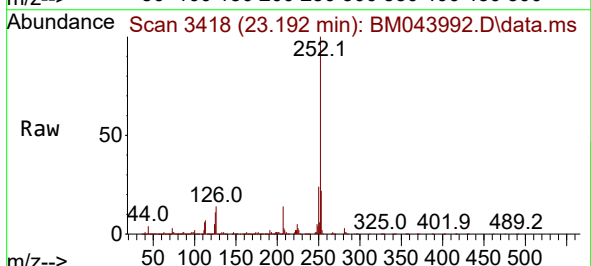
Tgt Ion:252 Resp: 1331410

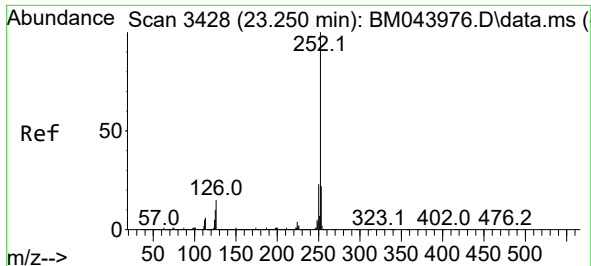
Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 11.1 9.0 13.6

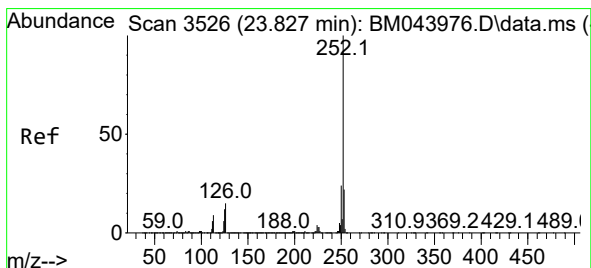
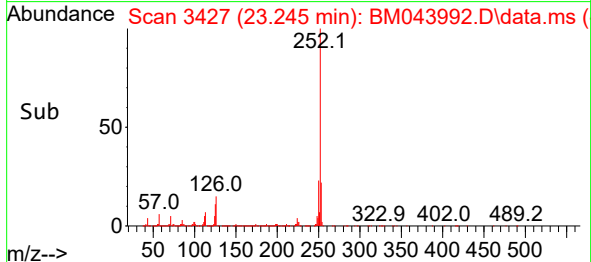
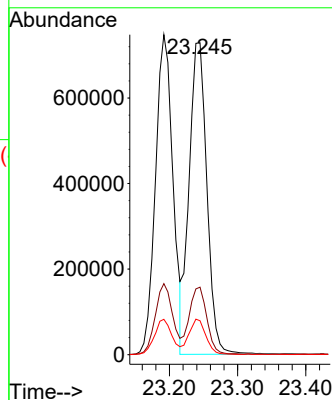
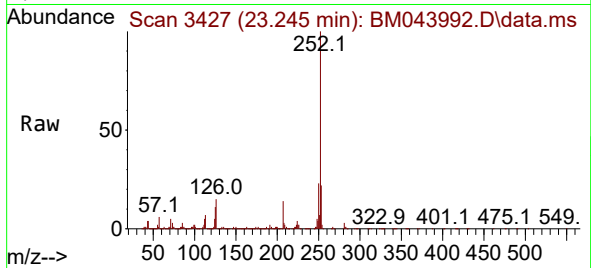




#89
Benzo(k)fluoranthene
Concen: 10.327 ng
RT: 23.245 min Scan# 34
Delta R.T. -0.006 min
Lab File: BM043992.D
Acq: 06 Feb 2024 15:15

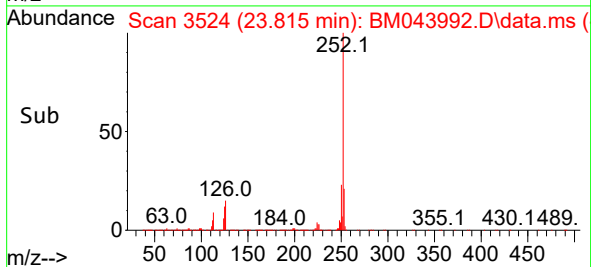
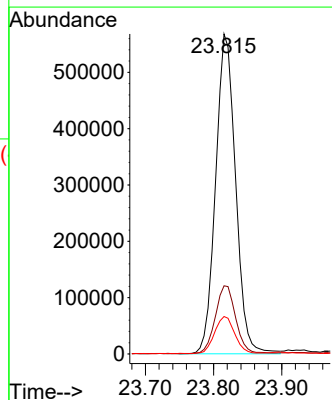
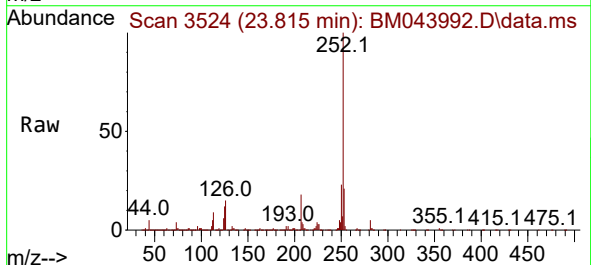
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2023

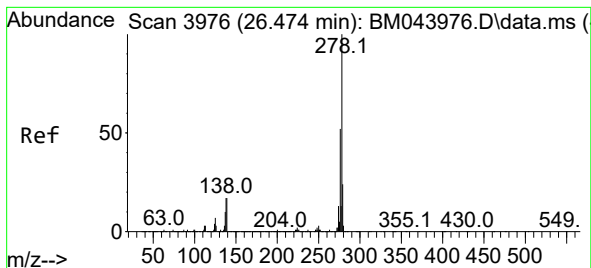
Tgt Ion:252 Resp: 1311963
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.2
125 10.9 8.3 12.5



#90
Benzo(a)pyrene
Concen: 9.888 ng
RT: 23.815 min Scan# 3524
Delta R.T. -0.012 min
Lab File: BM043992.D
Acq: 06 Feb 2024 15:15

Tgt Ion:252 Resp: 1157315
Ion Ratio Lower Upper
252 100
253 21.3 17.7 26.5
125 11.7 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 9.745 ng

RT: 26.456 min Scan# 3976

Delta R.T. -0.017 min

Lab File: BM043992.D

Acq: 06 Feb 2024 15:15

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2023

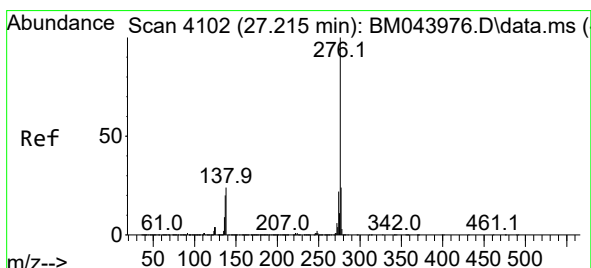
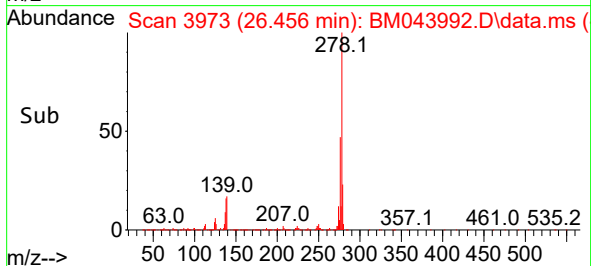
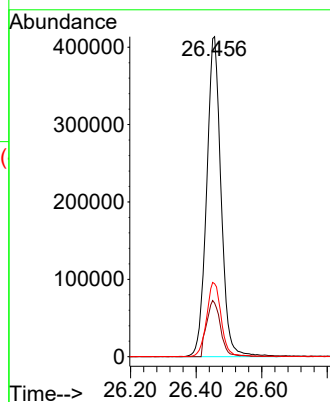
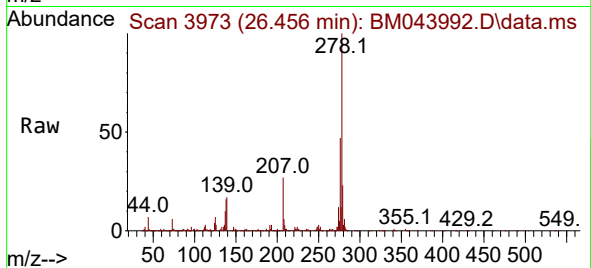
Tgt Ion:278 Resp: 1266015

Ion Ratio Lower Upper

278 100

139 16.8 13.7 20.5

279 22.8 19.3 28.9



#92

Benzo(g,h,i)perylene

Concen: 9.207 ng

RT: 27.186 min Scan# 4097

Delta R.T. -0.029 min

Lab File: BM043992.D

Acq: 06 Feb 2024 15:15

Tgt Ion:276 Resp: 1220006

Ion Ratio Lower Upper

276 100

277 23.7 19.0 28.4

138 24.2 18.8 28.2

