

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020624\
 Data File : BM043997.D
 Acq On : 06 Feb 2024 18:17
 Operator : MA/JU
 Sample : P1187-08
 Misc : LOQ-SOIL-5PPM
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Feb 07 03:11:10 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	313805	20.000	ng	0.00
21) Naphthalene-d8	10.722	136	1359059	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	846337	20.000	ng	0.00
64) Phenanthrene-d10	17.316	188	1876244	20.000	ng	0.00
76) Chrysene-d12	21.515	240	2007000	20.000	ng	0.00
86) Perylene-d12	23.927	264	2321010	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	2415253	113.659	ng	0.00
7) Phenol-d6	7.087	99	3137864	99.941	ng	0.00
23) Nitrobenzene-d5	9.093	82	2525775	89.588	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	940386	91.151	ng	0.00
45) 2-Fluorobiphenyl	13.193	172	5744312	93.262	ng	0.00
79) Terphenyl-d14	19.957	244	10247391	98.564	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.393	88	57392	6.988	ng	98
3) Pyridine	3.799	79	134571	5.384	ng	97
4) n-Nitrosodimethylamine	3.723	42	58958	5.487	ng	# 98
6) Aniline	7.252	93	195815	6.268	ng	99
8) 2-Chlorophenol	7.481	128	124515	5.278	ng	96
9) Benzaldehyde	7.069	77	127602	4.606	ng	99
10) Phenol	7.111	94	176461	5.653	ng	95
11) bis(2-Chloroethyl)ether	7.358	93	143726	5.874	ng	98
12) 1,3-Dichlorobenzene	7.805	146	147983	5.809	ng	97
13) 1,4-Dichlorobenzene	7.958	146	151454	5.879	ng	98
14) 1,2-Dichlorobenzene	8.269	146	144828	5.701	ng	99
15) Benzyl Alcohol	8.169	79	116367	5.407	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.458	45	196770	5.997	ng	98
17) 2-Methylphenol	8.363	107	102337	5.128	ng	98
18) Hexachloroethane	8.993	117	55547	5.746	ng	94
19) n-Nitroso-di-n-propyla...	8.734	70	109763	5.313	ng	99
20) 3+4-Methylphenols	8.693	107	139081	4.938	ng	98
22) Acetophenone	8.752	105	218296	5.928	ng	98
24) Nitrobenzene	9.134	77	170235	6.018	ng	97
25) Isophorone	9.657	82	277602	5.289	ng	98
26) 2-Nitrophenol	9.840	139	53294	4.662	ng	96
27) 2,4-Dimethylphenol	9.899	122	94173	5.999	ng	97
28) bis(2-Chloroethoxy)met...	10.152	93	196350	6.126	ng	98
29) 2,4-Dichlorophenol	10.369	162	104723	5.230	ng	97
30) 1,2,4-Trichlorobenzene	10.587	180	132276	5.849	ng	100
31) Naphthalene	10.775	128	440683	5.818	ng	98
32) Benzoic acid	9.957	122	43632	8.859	ng	96
33) 4-Chloroaniline	10.893	127	182531	5.862	ng	100
34) Hexachlorobutadiene	11.051	225	72641	5.890	ng	99
35) Caprolactam	11.663	113	32828	3.998	ng	93
36) 4-Chloro-3-methylphenol	12.010	107	122444	4.994	ng	98
37) 2-Methylnaphthalene	12.387	142	301232	5.702	ng	98
38) 1-Methylnaphthalene	12.604	142	291884	5.535	ng	98
40) 1,2,4,5-Tetrachloroben...	12.751	216	149650	6.234	ng	99
41) Hexachlorocyclopentadiene	12.722	237	50522	6.400	ng	98
43) 2,4,6-Trichlorophenol	12.998	196	82180	5.066	ng	99

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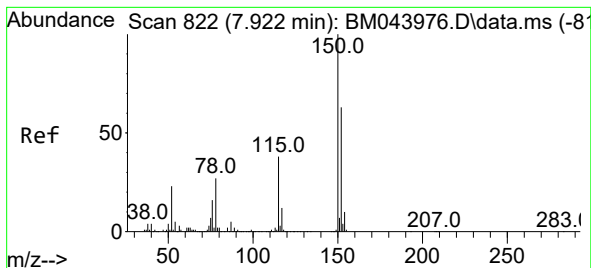
Quant Time: Feb 07 03:11:10 2024
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.063	196	92821	5.015	ng	97
46) 1,1'-Biphenyl	13.398	154	403168	6.058	ng	99
47) 2-Chloronaphthalene	13.440	162	309547	5.832	ng	98
48) 2-Nitroaniline	13.651	65	79925	4.630	ng	94
49) Acenaphthylene	14.287	152	487116	6.004	ng	99
50) Dimethylphthalate	14.034	163	385082	5.858	ng	100
51) 2,6-Dinitrotoluene	14.151	165	68981	4.774	ng	94
52) Acenaphthene	14.628	154	294908	5.734	ng	99
53) 3-Nitroaniline	14.481	138	76098	4.536	ng	93
54) 2,4-Dinitrophenol	14.687	184	21322	9.579	ng	93
55) Dibenzofuran	14.963	168	487866	6.095	ng	99
56) 4-Nitrophenol	14.781	139	57047	3.891	ng	97
57) 2,4-Dinitrotoluene	14.934	165	82398	4.096	ng	91
58) Fluorene	15.616	166	386969	5.725	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.187	232	84794	5.315	ng	99
60) Diethylphthalate	15.398	149	380348	5.589	ng	99
61) 4-Chlorophenyl-phenyle...	15.616	204	189011	5.993	ng	99
62) 4-Nitroaniline	15.639	138	78865	4.300	ng	97
63) Azobenzene	15.910	77	381086	5.606	ng	99
65) 4,6-Dinitro-2-methylph...	15.692	198	35477	8.865	ng	94
66) n-Nitrosodiphenylamine	15.828	169	328986	5.886	ng	98
67) 4-Bromophenyl-phenylether	16.510	248	68429	3.702	ng	98
68) Hexachlorobenzene	16.610	284	125478	5.694	ng	95
69) Atrazine	16.786	200	102130	6.605	ng	98
70) Pentachlorophenol	16.957	266	56049	3.873	ng	98
71) Phenanthrene	17.357	178	636481	6.091	ng	99
72) Anthracene	17.451	178	594122	5.807	ng	99
73) Carbazole	17.727	167	572294	5.401	ng	100
74) Di-n-butylphthalate	18.304	149	624004	5.370	ng	100
75) Fluoranthene	19.380	202	724585	5.607	ng	98
77) Benzidine	19.574	184	253666	9.962	ng	99
78) Pyrene	19.739	202	790202	5.728	ng	99
80) Butylbenzylphthalate	20.663	149	299736	5.487	ng	98
81) Benzo(a)anthracene	21.504	228	841628	5.977	ng	99
82) 3,3'-Dichlorobenzidine	21.439	252	256197	5.690	ng	98
83) Chrysene	21.557	228	789537	5.853	ng	99
84) Bis(2-ethylhexyl)phtha...	21.451	149	451798	5.561	ng	99
85) Di-n-octyl phthalate	22.398	149	781555	5.584	ng	99
87) Indeno(1,2,3-cd)pyrene	26.421	276	954651	5.497	ng	99
88) Benzo(b)fluoranthene	23.192	252	833536	5.709	ng	99
89) Benzo(k)fluoranthene	23.239	252	820978	5.861	ng	98
90) Benzo(a)pyrene	23.815	252	698549	5.413	ng	99
91) Dibenzo(a,h)anthracene	26.456	278	805233	5.622	ng	99
92) Benzo(g,h,i)perylene	27.186	276	772668	5.289	ng	99

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

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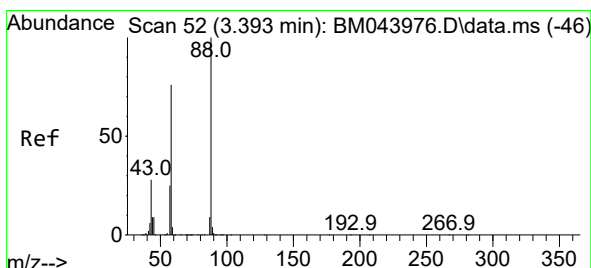
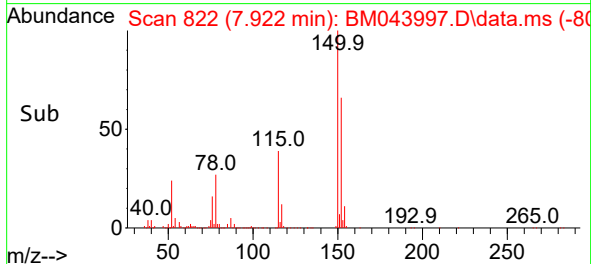
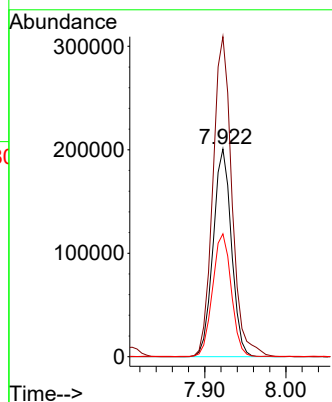
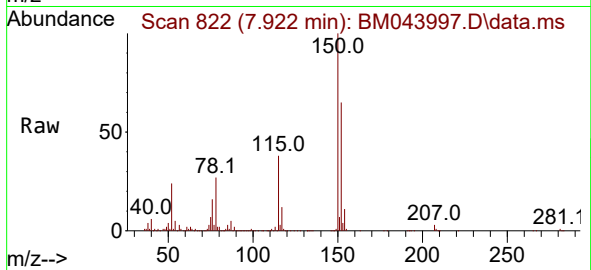




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.922 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BM043997.D
 Acq: 06 Feb 2024 18:17

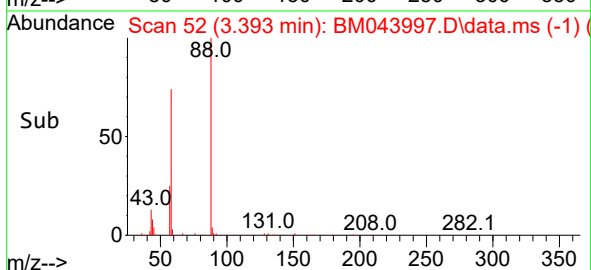
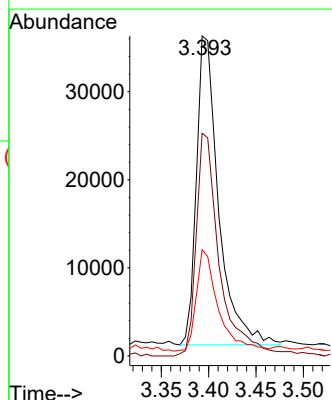
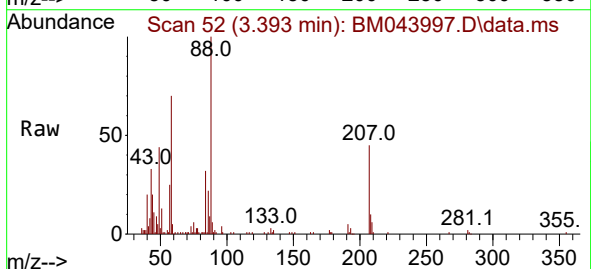
Instrument :
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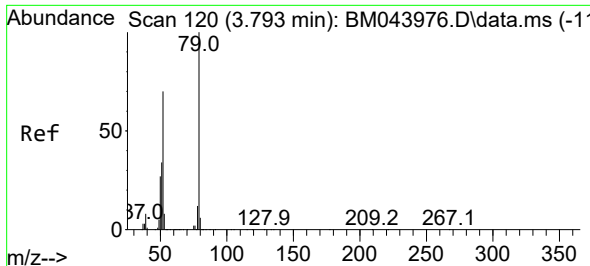
Tgt Ion:152 Resp: 313805
 Ion Ratio Lower Upper
 152 100
 150 154.1 126.1 189.1
 115 59.2 48.2 72.2



#2
 1,4-Dioxane
 Concen: 6.988 ng
 RT: 3.393 min Scan# 52
 Delta R.T. 0.000 min
 Lab File: BM043997.D
 Acq: 06 Feb 2024 18:17

Tgt Ion: 88 Resp: 57392
 Ion Ratio Lower Upper
 88 100
 58 76.3 61.0 91.6
 43 32.3 23.0 34.6

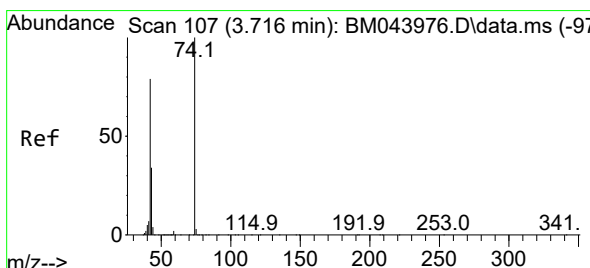
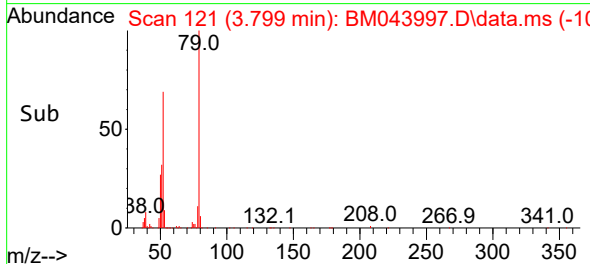
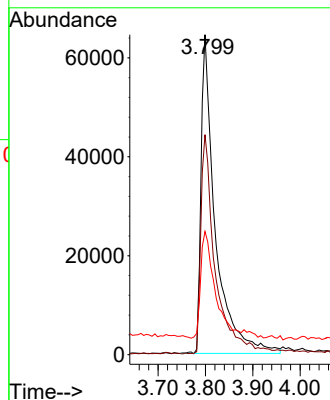
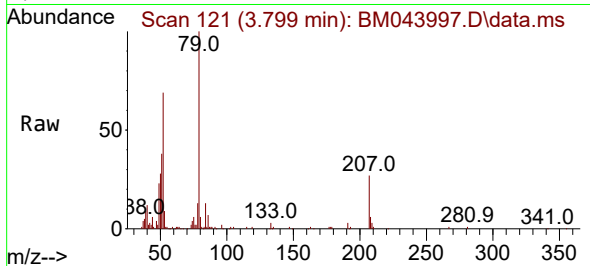




#3
Pyridine
Concen: 5.384 ng
RT: 3.799 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM043997.D
Acq: 06 Feb 2024 18:17

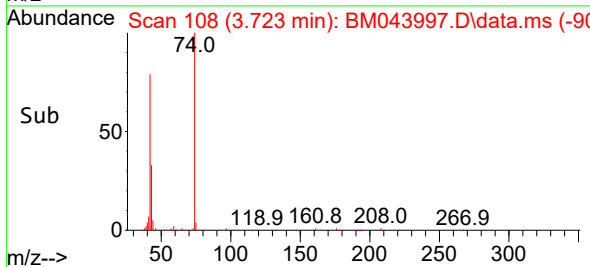
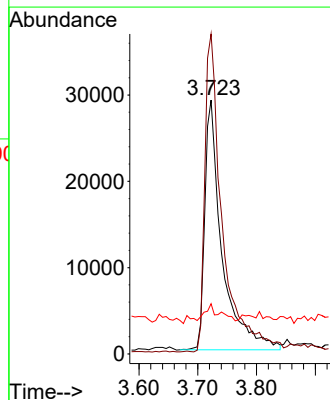
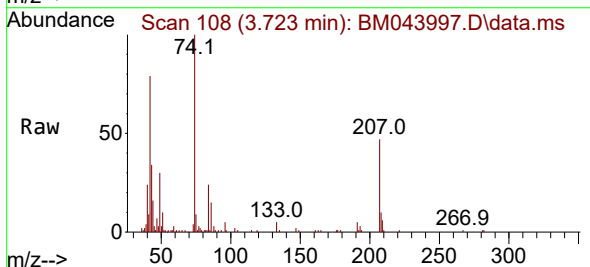
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BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2024

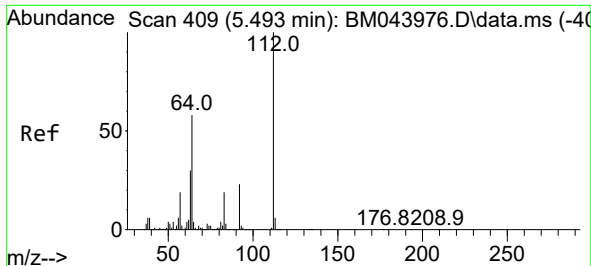
Tgt Ion: 79 Resp: 134571
Ion Ratio Lower Upper
79 100
52 68.7 55.9 83.9
51 38.5 28.2 42.2



#4
n-Nitrosodimethylamine
Concen: 5.487 ng
RT: 3.723 min Scan# 108
Delta R.T. 0.006 min
Lab File: BM043997.D
Acq: 06 Feb 2024 18:17

Tgt Ion: 42 Resp: 58958
Ion Ratio Lower Upper
42 100
74 126.0 100.7 151.1
44 19.8 7.3 10.9#

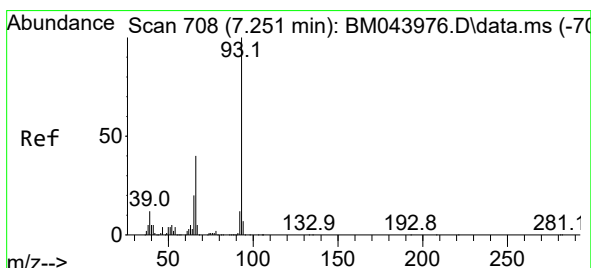
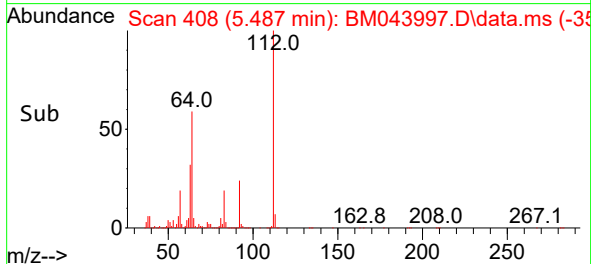
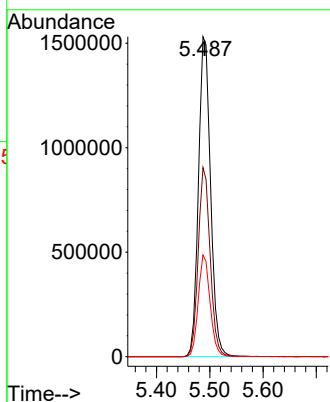
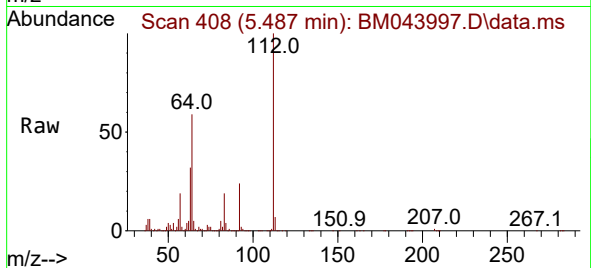




#5
2-Fluorophenol
Concen: 113.659 ng
RT: 5.487 min Scan# 409
Delta R.T. -0.006 min
Lab File: BM043997.D
Acq: 06 Feb 2024 18:17

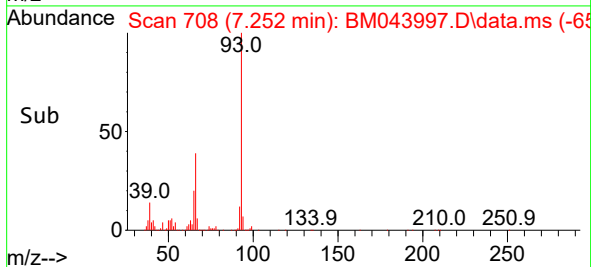
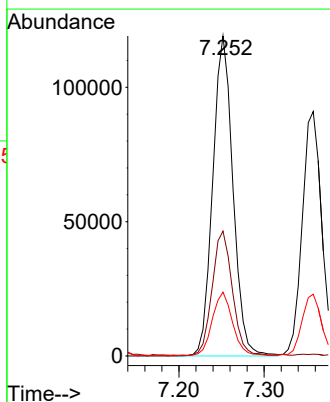
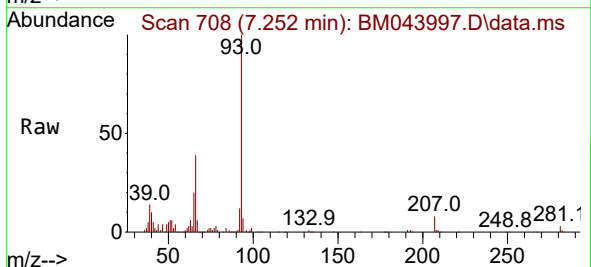
Instrument :
BNA_M
ClientSampleId :
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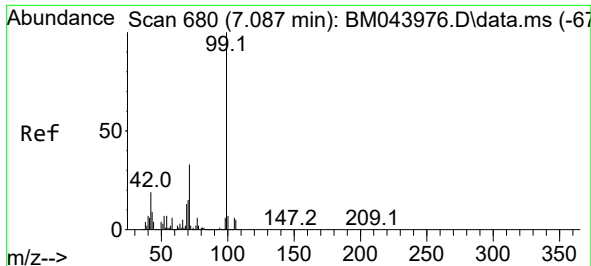
Tgt Ion:112 Resp: 2415253
Ion Ratio Lower Upper
112 100
64 59.1 46.6 70.0
63 31.8 24.2 36.4



#6
Aniline
Concen: 6.268 ng
RT: 7.252 min Scan# 708
Delta R.T. 0.000 min
Lab File: BM043997.D
Acq: 06 Feb 2024 18:17

Tgt Ion: 93 Resp: 195815
Ion Ratio Lower Upper
93 100
66 39.0 32.2 48.2
65 20.0 15.8 23.8



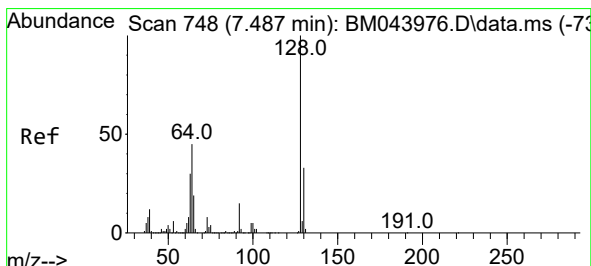
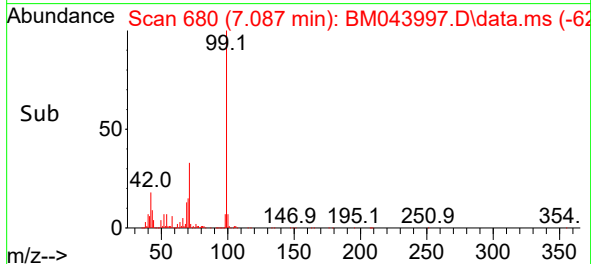
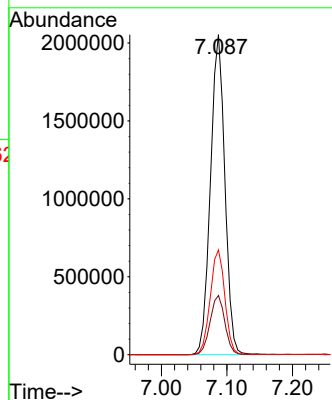
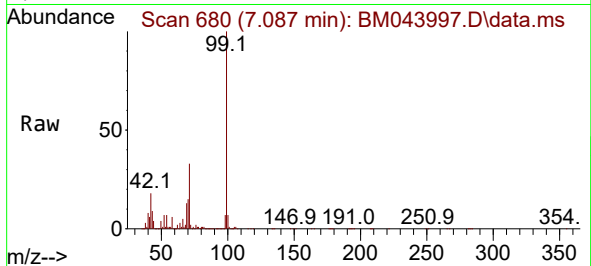


#7
Phenol-d6
Concen: 99.941 ng
RT: 7.087 min Scan# 680
Delta R.T. 0.000 min
Lab File: BM043997.D
Acq: 06 Feb 2024 18:17

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

Tgt Ion: 99 Resp: 3137864

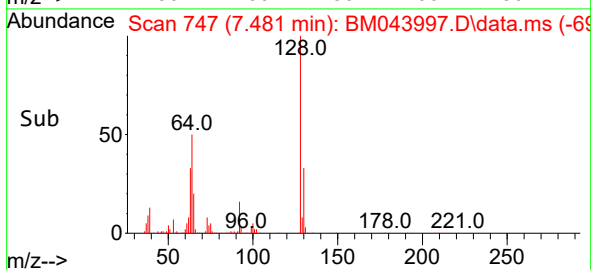
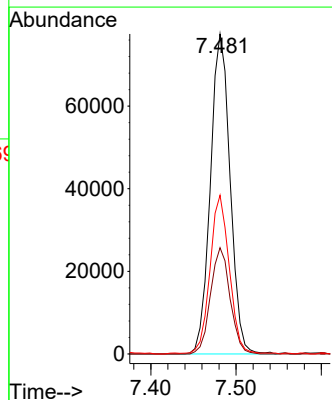
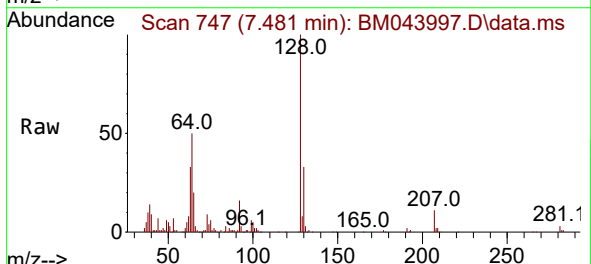
Ion	Ratio	Lower	Upper
99	100		
42	18.5	14.9	22.3
71	32.7	26.3	39.5

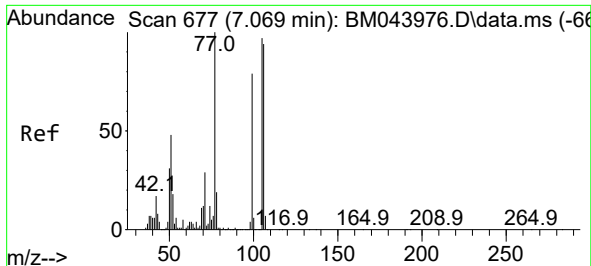


#8
2-Chlorophenol
Concen: 5.278 ng
RT: 7.481 min Scan# 747
Delta R.T. -0.005 min
Lab File: BM043997.D
Acq: 06 Feb 2024 18:17

Tgt Ion:128 Resp: 124515

Ion	Ratio	Lower	Upper
128	100		
130	33.2	12.9	52.9
64	49.6	25.6	65.6

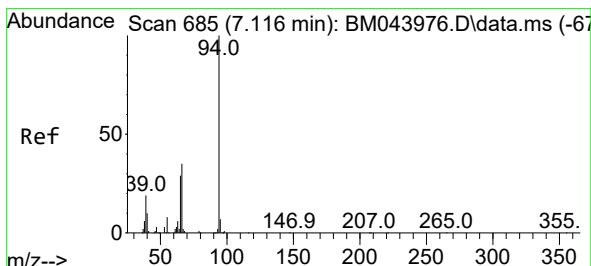
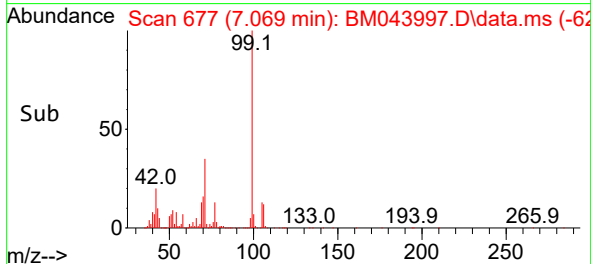
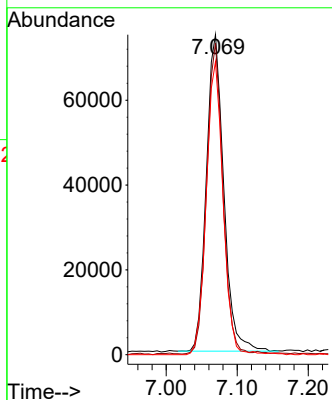
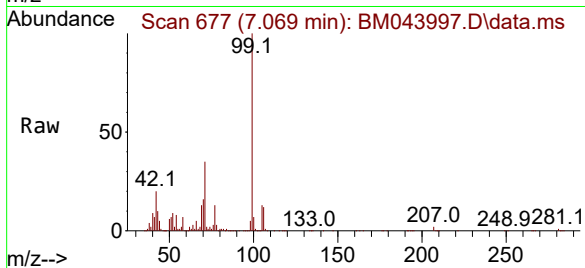




#9
Benzaldehyde
Concen: 4.606 ng
RT: 7.069 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM043997.D
Acq: 06 Feb 2024 18:17

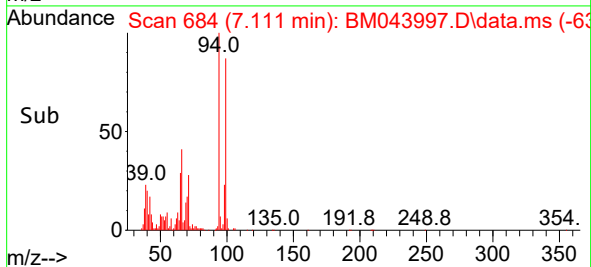
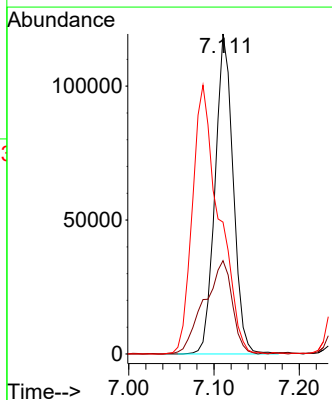
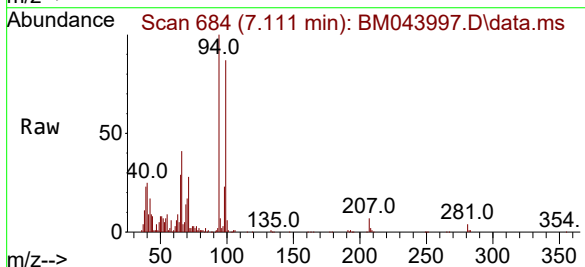
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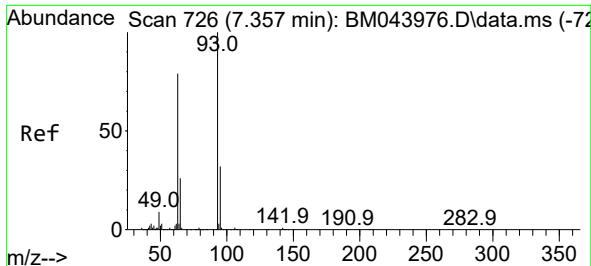
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Ion Ratio Lower Upper
77 100
105 97.4 77.4 117.4
106 91.5 73.5 113.5



#10
Phenol
Concen: 5.653 ng
RT: 7.111 min Scan# 684
Delta R.T. -0.006 min
Lab File: BM043997.D
Acq: 06 Feb 2024 18:17

Tgt Ion: 94 Resp: 176461
Ion Ratio Lower Upper
94 100
65 29.1 9.3 49.3
66 41.2 15.7 55.7

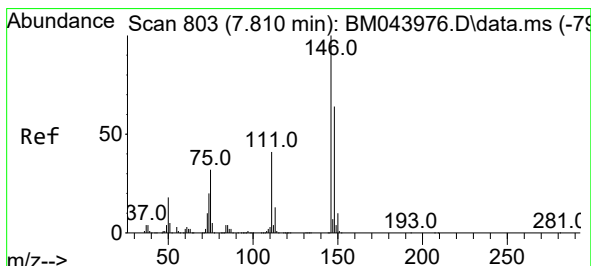
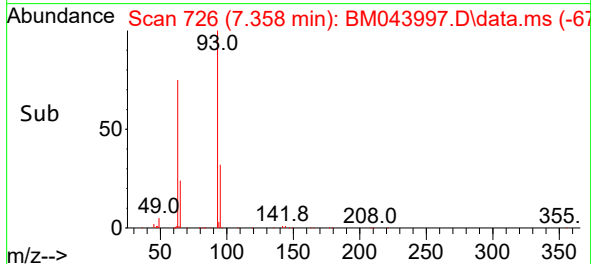
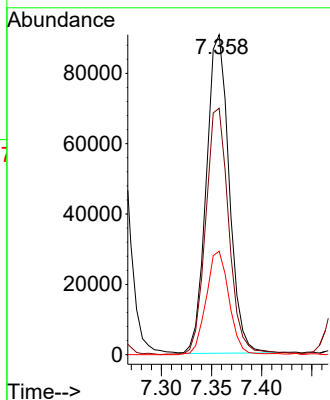
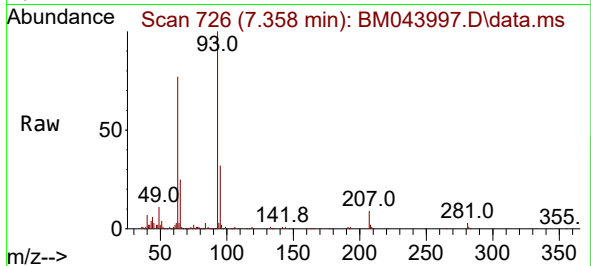




#11
bis(2-Chloroethyl)ether
Concen: 5.874 ng
RT: 7.358 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM043997.D
Acq: 06 Feb 2024 18:17

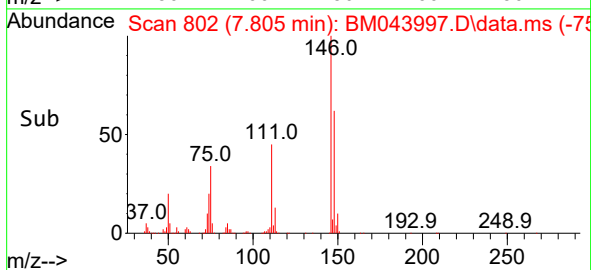
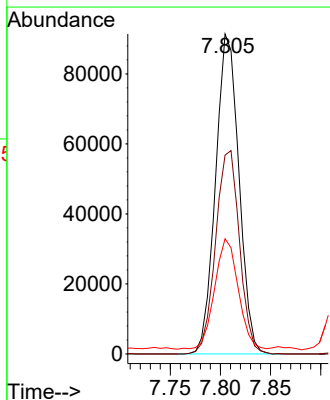
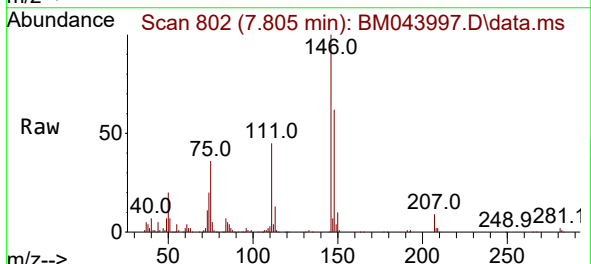
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2024

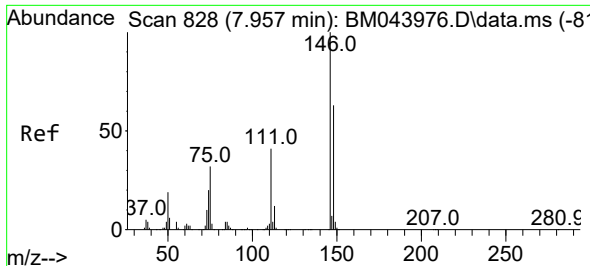
Tgt Ion: 93 Resp: 143726
Ion Ratio Lower Upper
93 100
63 77.0 59.0 99.0
95 32.4 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 5.809 ng
RT: 7.805 min Scan# 802
Delta R.T. -0.006 min
Lab File: BM043997.D
Acq: 06 Feb 2024 18:17

Tgt Ion:146 Resp: 147983
Ion Ratio Lower Upper
146 100
148 62.1 51.0 76.6
75 36.0 26.1 39.1

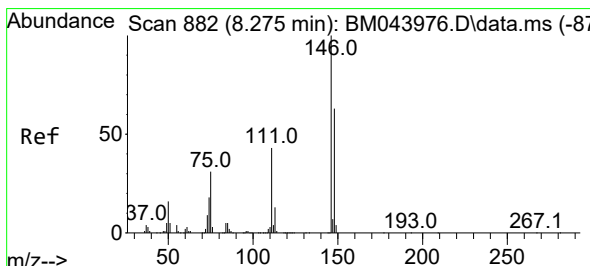
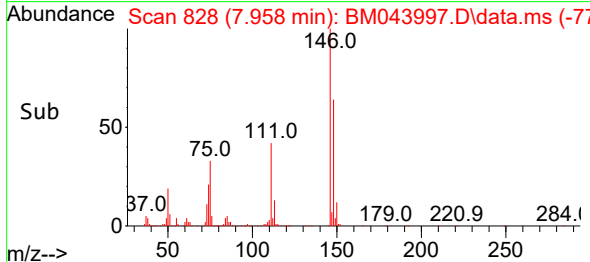
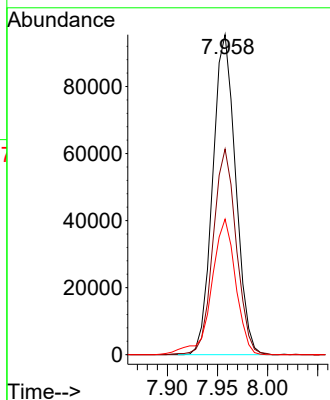
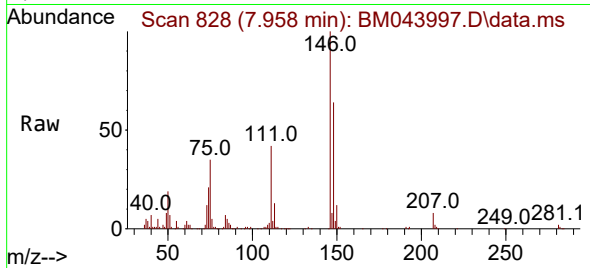




#13
1,4-Dichlorobenzene
Concen: 5.879 ng
RT: 7.958 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM043997.D
Acq: 06 Feb 2024 18:17

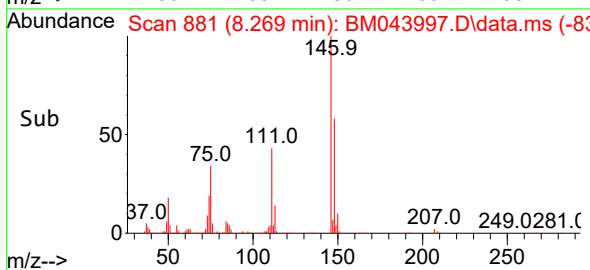
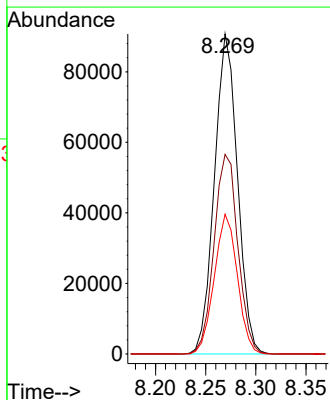
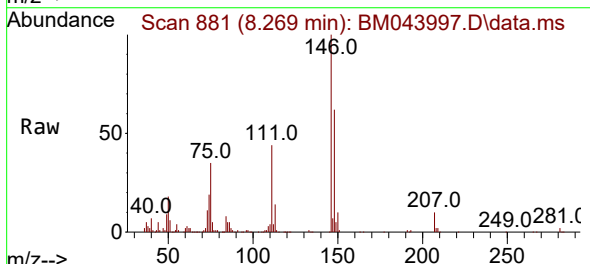
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2024

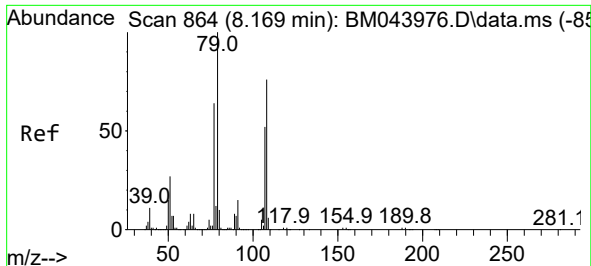
Tgt Ion:146 Resp: 151454
Ion Ratio Lower Upper
146 100
148 64.3 50.7 76.1
111 42.3 32.6 49.0



#14
1,2-Dichlorobenzene
Concen: 5.701 ng
RT: 8.269 min Scan# 881
Delta R.T. -0.006 min
Lab File: BM043997.D
Acq: 06 Feb 2024 18:17

Tgt Ion:146 Resp: 144828
Ion Ratio Lower Upper
146 100
148 62.4 50.3 75.5
111 43.7 34.3 51.5

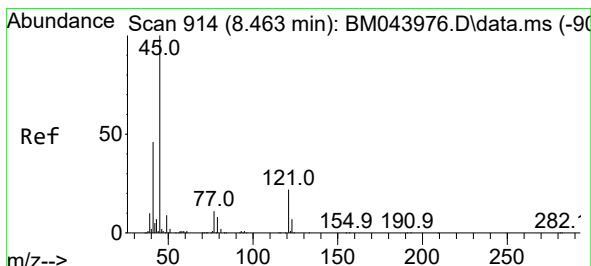
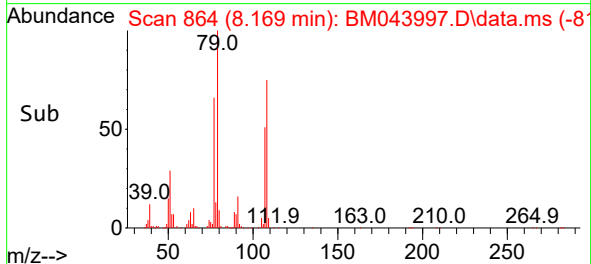
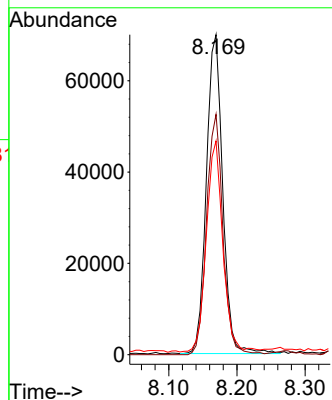
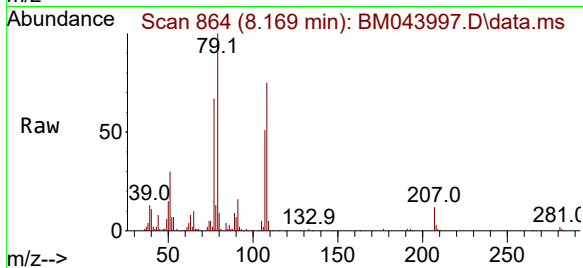




#15
Benzyl Alcohol
Concen: 5.407 ng
RT: 8.169 min Scan# 864
Delta R.T. 0.000 min
Lab File: BM043997.D
Acq: 06 Feb 2024 18:17

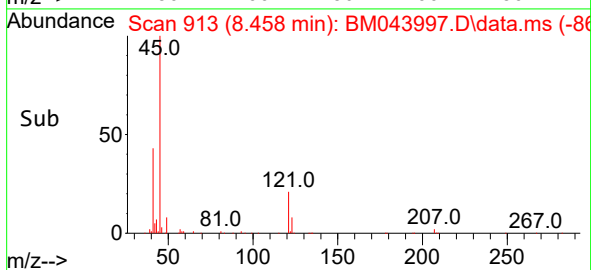
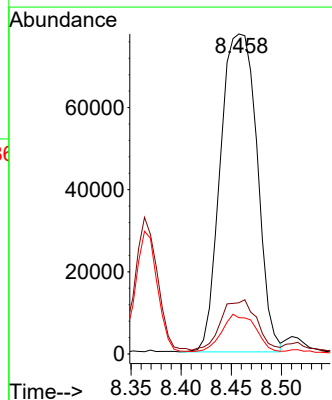
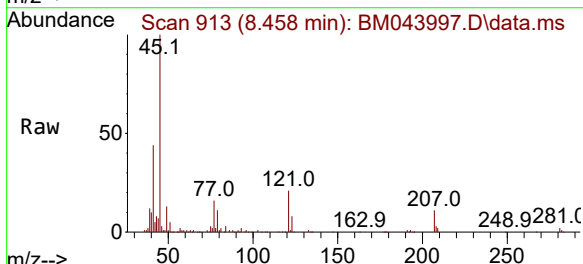
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2024

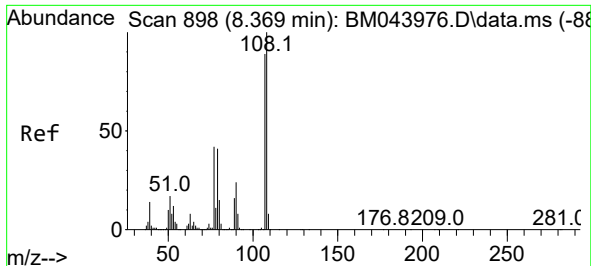
Tgt Ion: 79 Resp: 116367
Ion Ratio Lower Upper
79 100
108 75.1 60.7 91.1
77 66.8 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.997 ng
RT: 8.458 min Scan# 913
Delta R.T. -0.005 min
Lab File: BM043997.D
Acq: 06 Feb 2024 18:17

Tgt Ion: 45 Resp: 196770
Ion Ratio Lower Upper
45 100
77 16.0 0.0 34.4
79 11.3 0.0 31.2

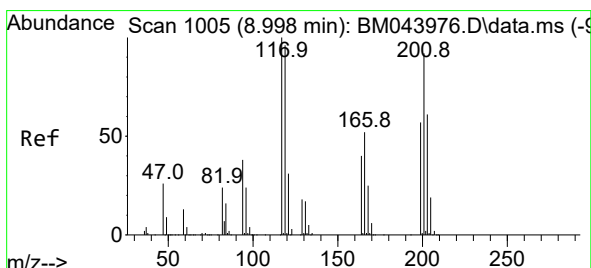
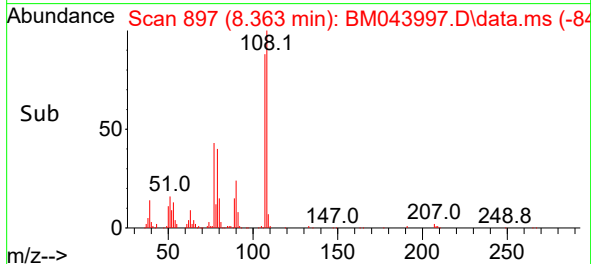
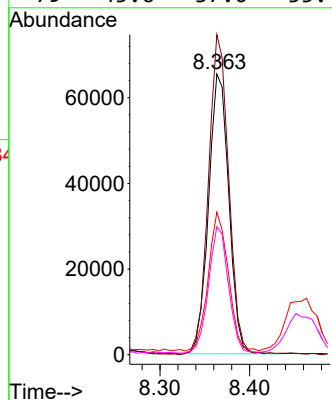
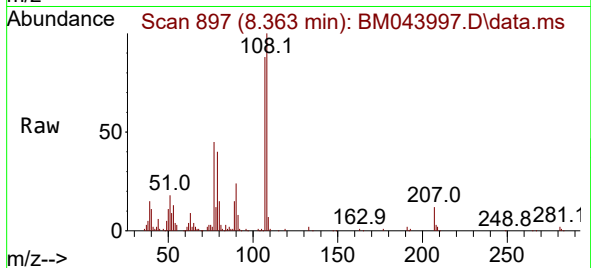




#17
2-Methylphenol
Concen: 5.128 ng
RT: 8.363 min Scan# 898
Delta R.T. -0.006 min
Lab File: BM043997.D
Acq: 06 Feb 2024 18:17

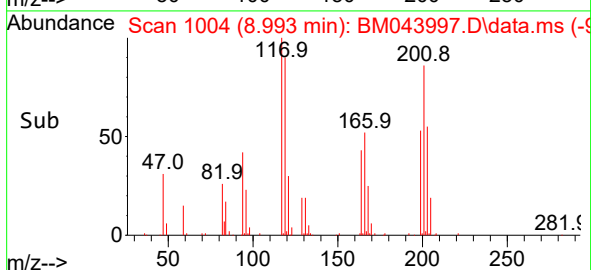
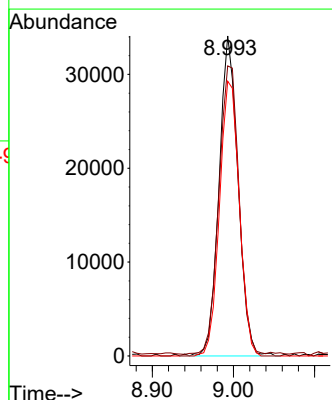
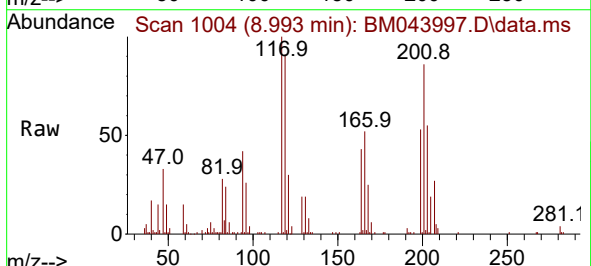
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2024

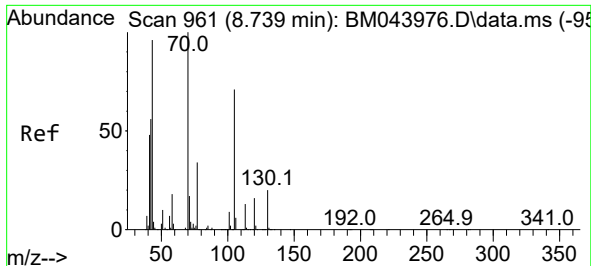
Tgt Ion:	107	Resp:	102337
Ion Ratio	Lower	Upper	
107	100		
108	114.0	90.4	135.6
77	50.8	38.0	57.0
79	45.6	37.0	55.4



#18
Hexachloroethane
Concen: 5.746 ng
RT: 8.993 min Scan# 1004
Delta R.T. -0.005 min
Lab File: BM043997.D
Acq: 06 Feb 2024 18:17

Tgt Ion:	117	Resp:	55547
Ion Ratio	Lower	Upper	
117	100		
119	90.7	76.7	115.1
201	85.9	73.4	110.2

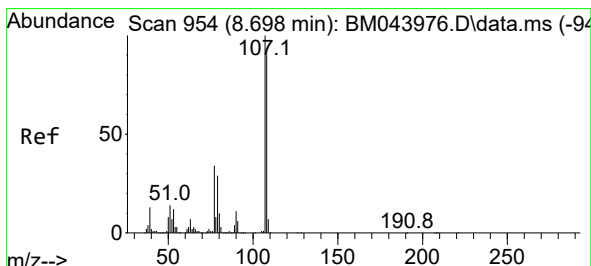
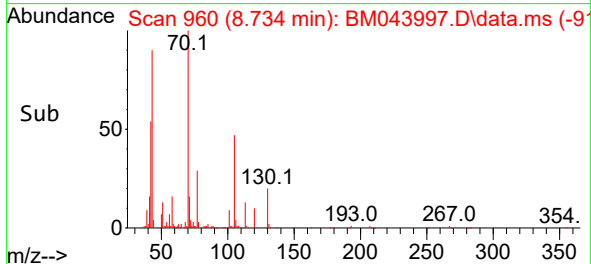
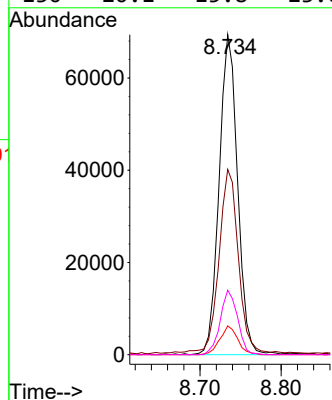
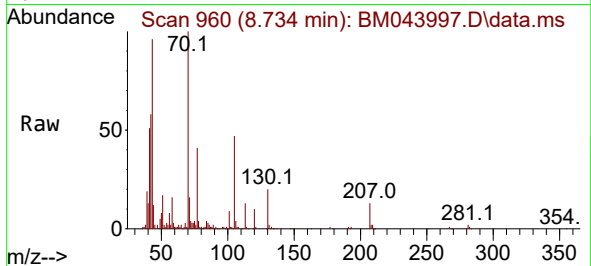




#19
n-Nitroso-di-n-propylamine
Concen: 5.313 ng
RT: 8.734 min Scan# 90
Delta R.T. -0.006 min
Lab File: BM043997.D
Acq: 06 Feb 2024 18:17

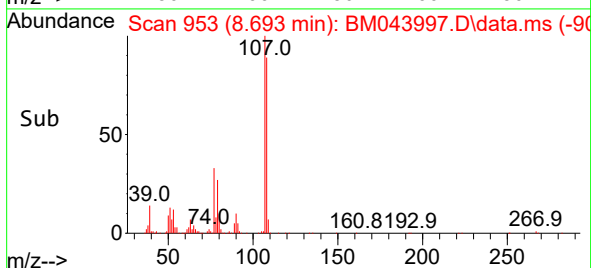
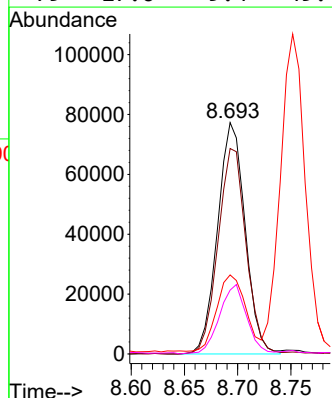
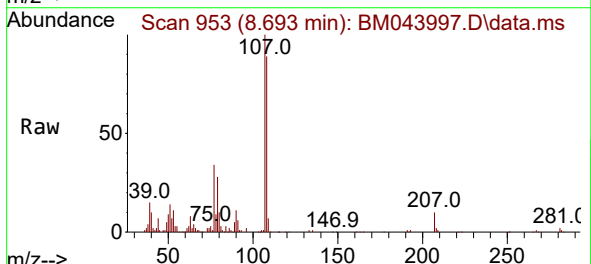
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2024

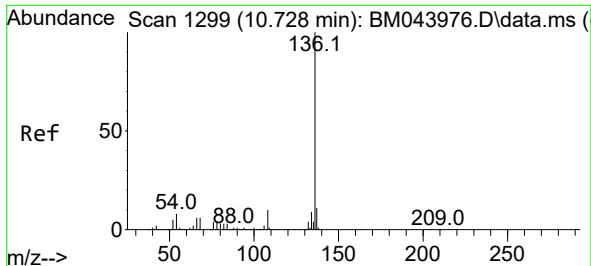
Tgt Ion: 70 Resp: 109763
Ion Ratio Lower Upper
70 100
42 57.9 45.6 68.4
101 9.0 7.5 11.3
130 20.1 15.8 23.6



#20
3+4-Methylphenols
Concen: 4.938 ng
RT: 8.693 min Scan# 953
Delta R.T. -0.005 min
Lab File: BM043997.D
Acq: 06 Feb 2024 18:17

Tgt Ion: 107 Resp: 139081
Ion Ratio Lower Upper
107 100
108 88.8 70.3 110.3
77 34.2 14.0 54.0
79 27.6 9.4 49.4

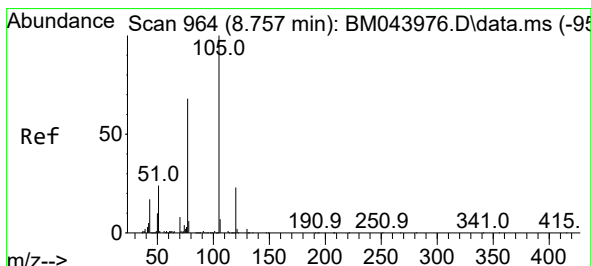
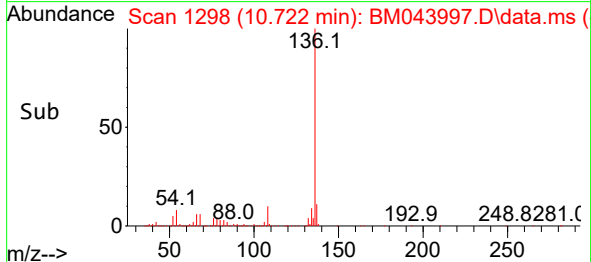
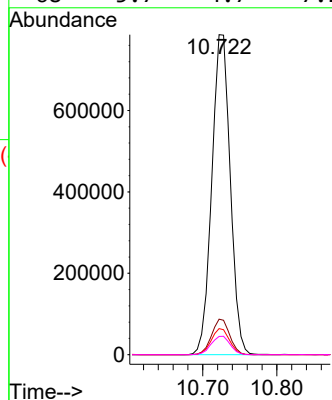
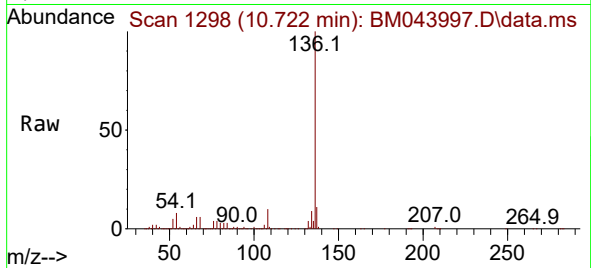




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.722 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM043997.D
Acq: 06 Feb 2024 18:17

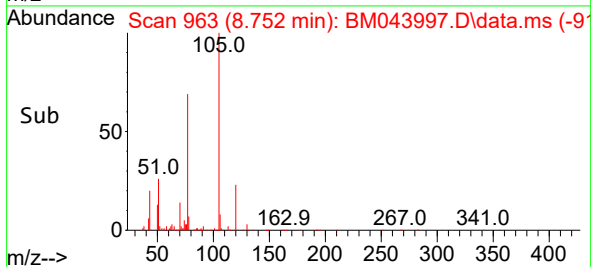
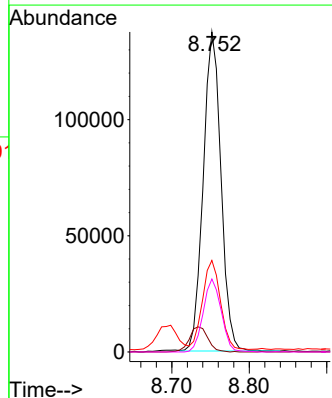
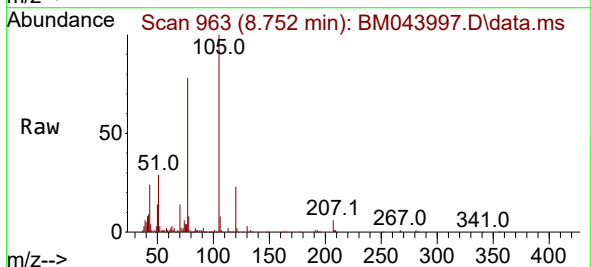
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2024

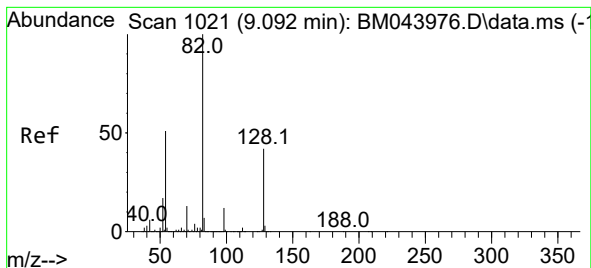
Tgt Ion:136 Resp: 1359059
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.1 6.5 9.7
68 5.7 4.7 7.1



#22
Acetophenone
Concen: 5.928 ng
RT: 8.752 min Scan# 963
Delta R.T. -0.005 min
Lab File: BM043997.D
Acq: 06 Feb 2024 18:17

Tgt Ion:105 Resp: 218296
Ion Ratio Lower Upper
105 100
71 2.1 1.6 2.4
51 28.6 21.8 32.6
120 22.8 18.5 27.7





#23

Nitrobenzene-d5

Concen: 89.588 ng

RT: 9.093 min Scan# 1021

Delta R.T. 0.001 min

Lab File: BM043997.D

Acq: 06 Feb 2024 18:17

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2024

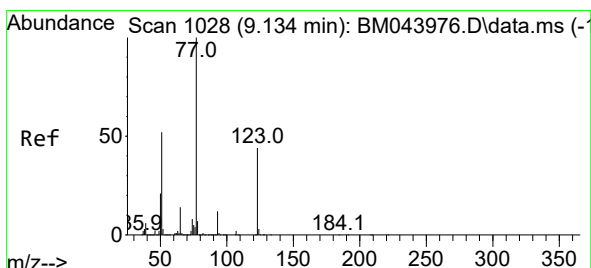
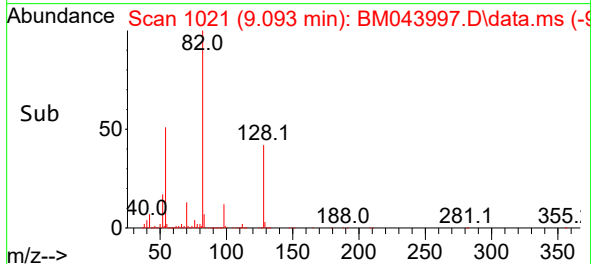
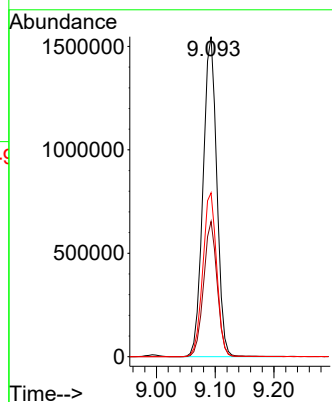
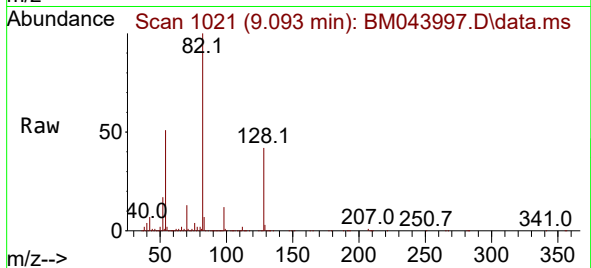
Tgt Ion: 82 Resp: 2525775

Ion Ratio Lower Upper

82 100

128 42.3 33.9 50.9

54 51.2 41.1 61.7



#24

Nitrobenzene

Concen: 6.018 ng

RT: 9.134 min Scan# 1028

Delta R.T. 0.000 min

Lab File: BM043997.D

Acq: 06 Feb 2024 18:17

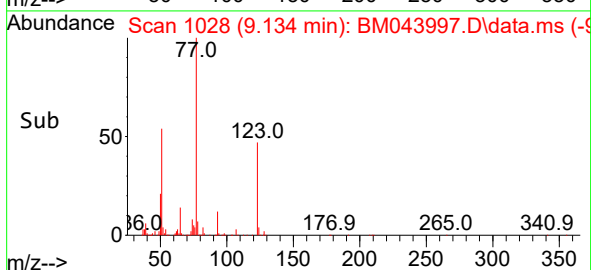
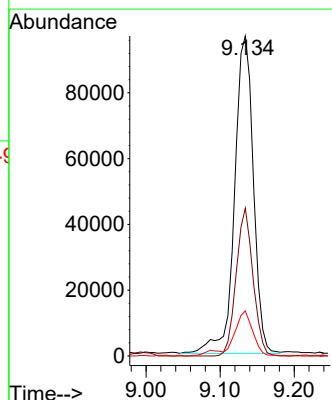
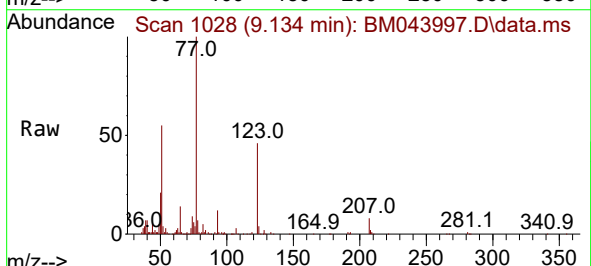
Tgt Ion: 77 Resp: 170235

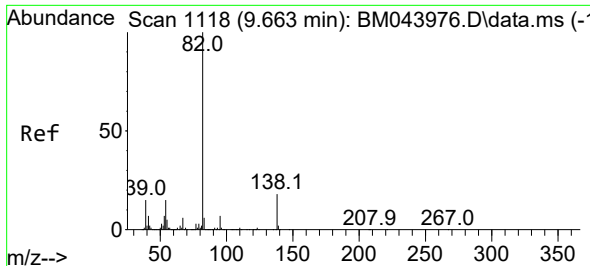
Ion Ratio Lower Upper

77 100

123 46.2 35.3 52.9

65 14.1 10.9 16.3

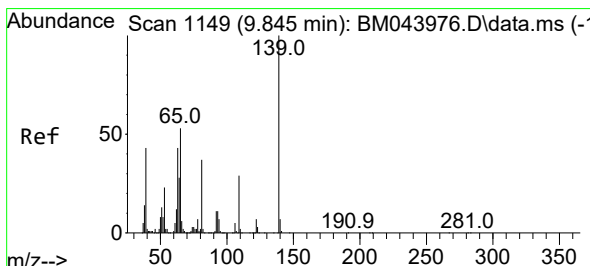
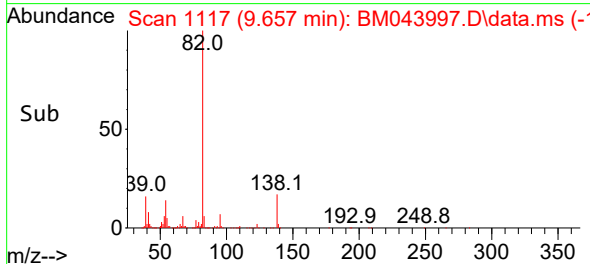
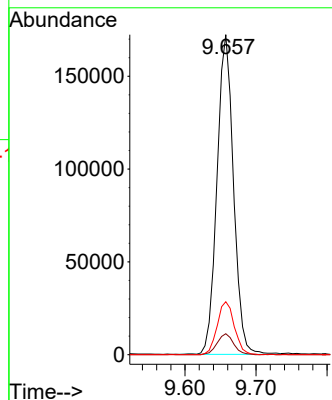
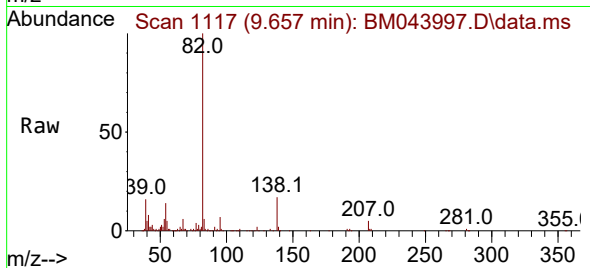




#25
Isophorone
Concen: 5.289 ng
RT: 9.657 min Scan# 1117
Delta R.T. -0.005 min
Lab File: BM043997.D
Acq: 06 Feb 2024 18:17

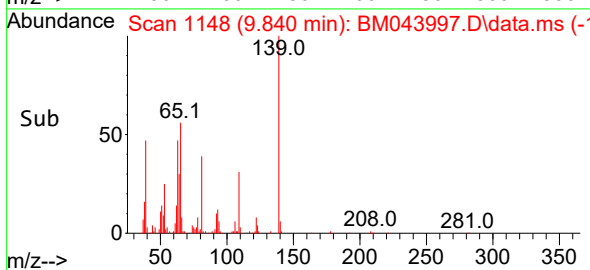
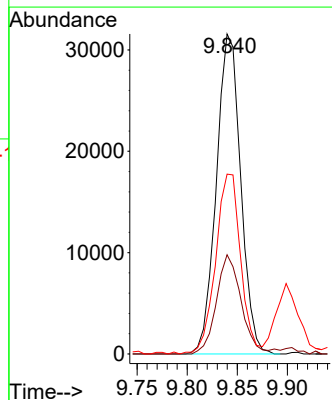
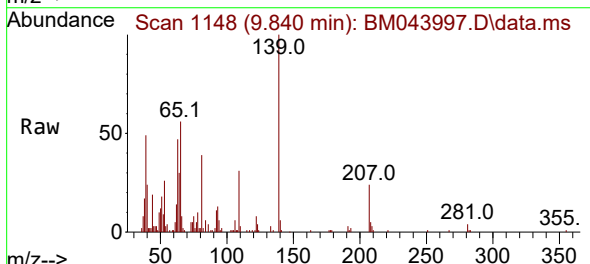
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2024

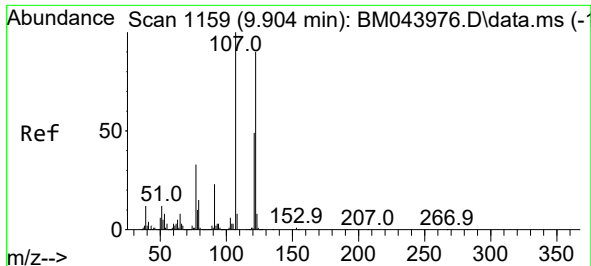
Tgt Ion: 82 Resp: 277602
Ion Ratio Lower Upper
82 100
95 6.5 5.6 8.4
138 16.6 14.2 21.2



#26
2-Nitrophenol
Concen: 4.662 ng
RT: 9.840 min Scan# 1148
Delta R.T. -0.005 min
Lab File: BM043997.D
Acq: 06 Feb 2024 18:17

Tgt Ion: 139 Resp: 53294
Ion Ratio Lower Upper
139 100
109 31.0 23.3 34.9
65 56.2 42.5 63.7





#27

2,4-Dimethylphenol

Concen: 5.999 ng

RT: 9.899 min Scan# 1159

Delta R.T. -0.005 min

Lab File: BM043997.D

Acq: 06 Feb 2024 18:17

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2024

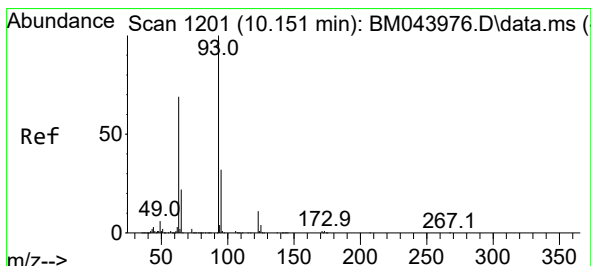
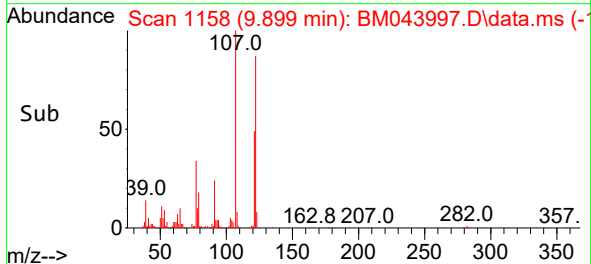
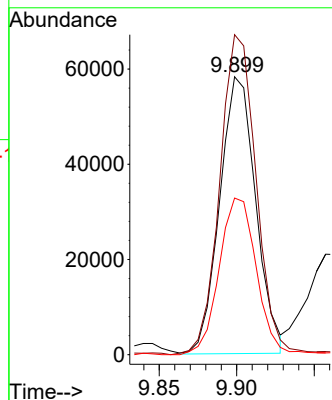
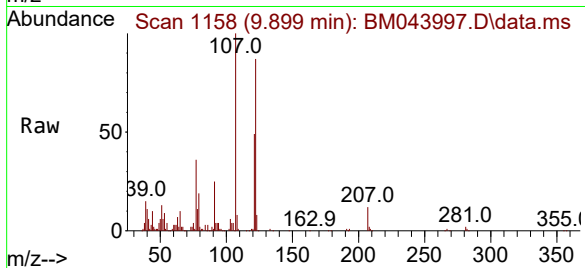
Tgt Ion:122 Resp: 94173

Ion Ratio Lower Upper

122 100

107 115.1 89.0 133.4

121 56.4 43.4 65.0



#28

bis(2-Chloroethoxy)methane

Concen: 6.126 ng

RT: 10.152 min Scan# 1201

Delta R.T. 0.000 min

Lab File: BM043997.D

Acq: 06 Feb 2024 18:17

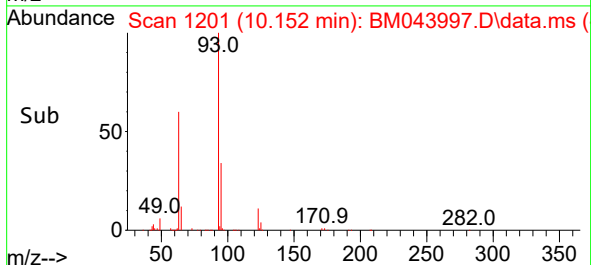
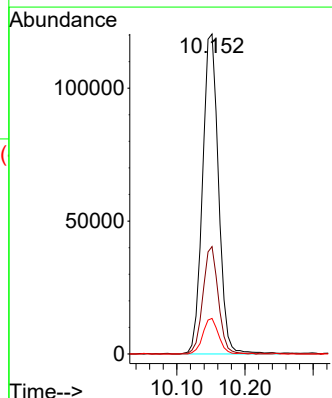
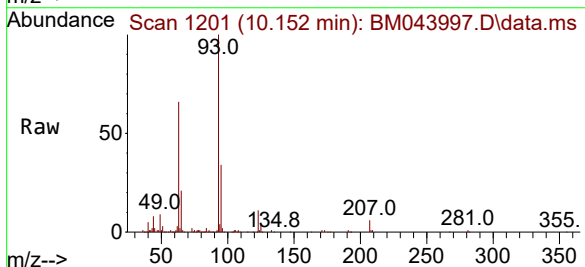
Tgt Ion: 93 Resp: 196350

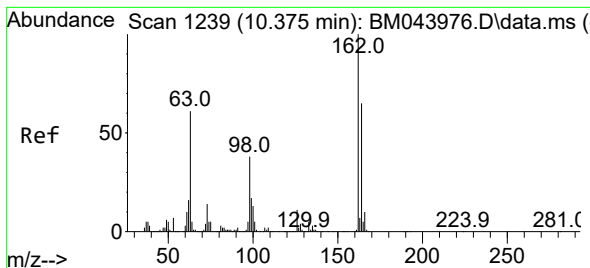
Ion Ratio Lower Upper

93 100

95 33.5 25.9 38.9

123 11.1 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 5.230 ng

RT: 10.369 min Scan# 1

Delta R.T. -0.005 min

Lab File: BM043997.D

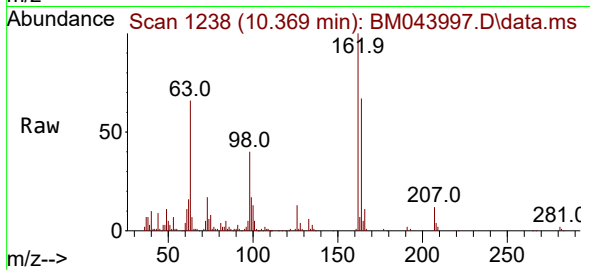
Acq: 06 Feb 2024 18:17

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2024



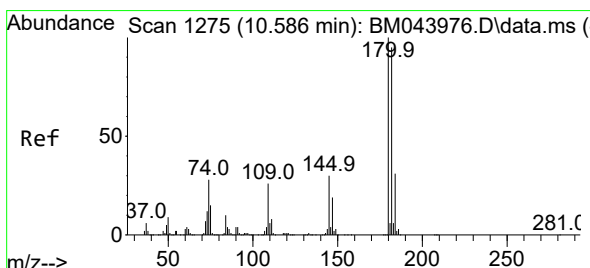
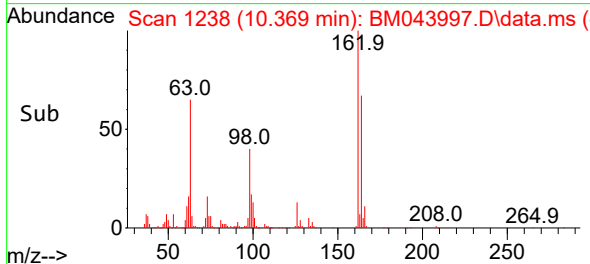
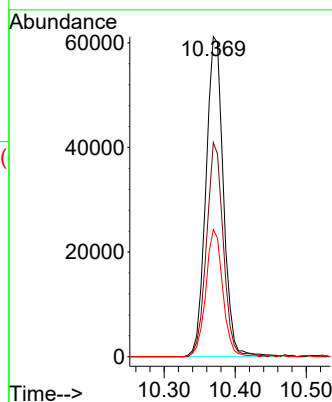
Tgt Ion:162 Resp: 104723

Ion Ratio Lower Upper

162 100

164 66.9 45.1 85.1

98 39.7 17.8 57.8



#30

1,2,4-Trichlorobenzene

Concen: 5.849 ng

RT: 10.587 min Scan# 1275

Delta R.T. 0.000 min

Lab File: BM043997.D

Acq: 06 Feb 2024 18:17

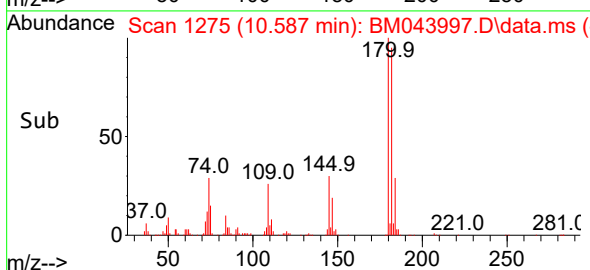
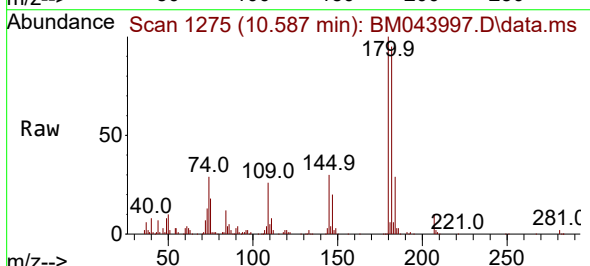
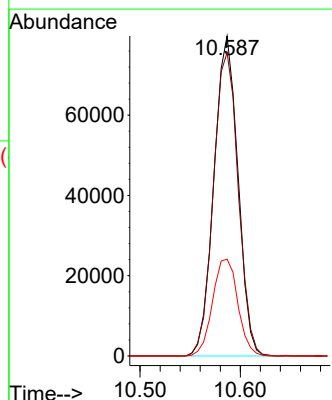
Tgt Ion:180 Resp: 132276

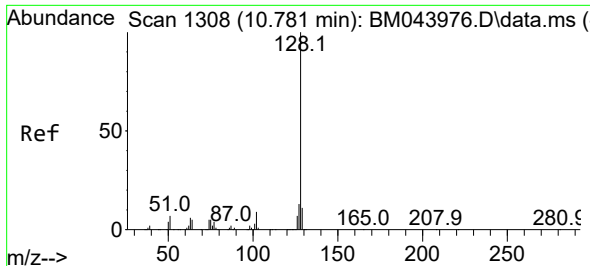
Ion Ratio Lower Upper

180 100

182 94.9 76.0 114.0

145 30.3 24.2 36.2

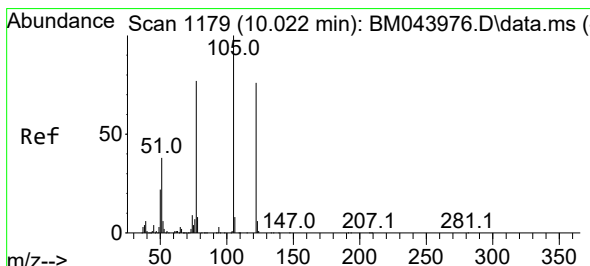
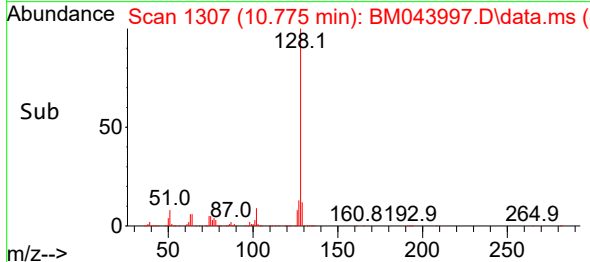
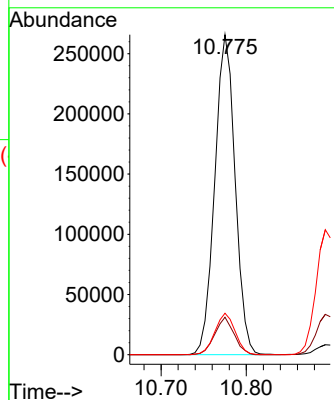
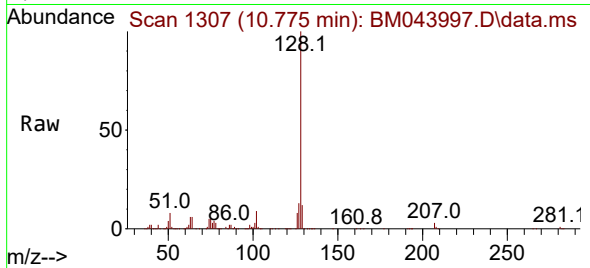




#31
Naphthalene
Concen: 5.818 ng
RT: 10.775 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BM043997.D
Acq: 06 Feb 2024 18:17

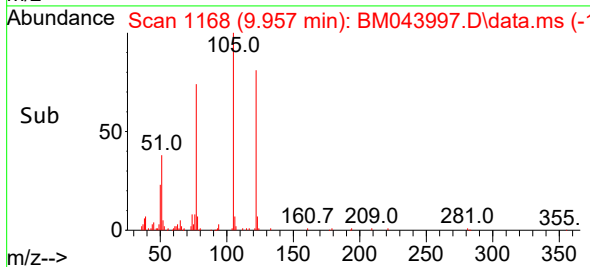
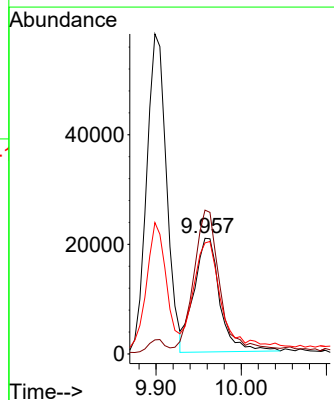
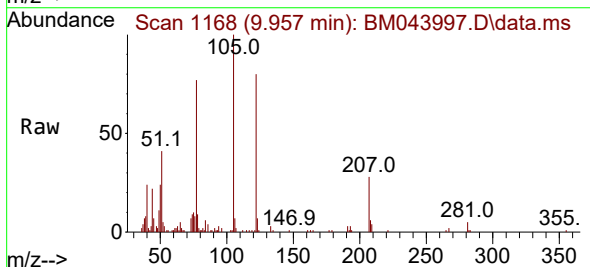
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2024

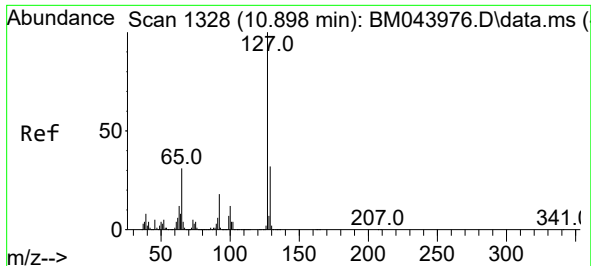
Tgt Ion:128 Resp: 440683
Ion Ratio Lower Upper
128 100
129 11.7 8.4 12.6
127 12.9 10.1 15.1



#32
Benzoic acid
Concen: 8.859 ng
RT: 9.957 min Scan# 1168
Delta R.T. -0.065 min
Lab File: BM043997.D
Acq: 06 Feb 2024 18:17

Tgt Ion:122 Resp: 43632
Ion Ratio Lower Upper
122 100
105 124.4 109.4 149.4
77 96.0 80.5 120.5

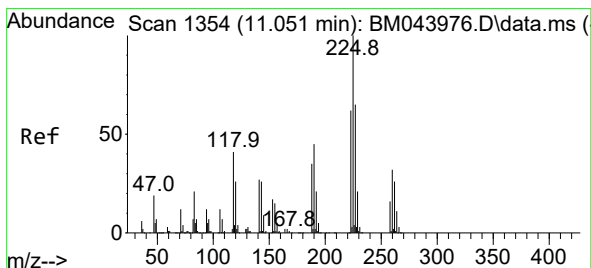
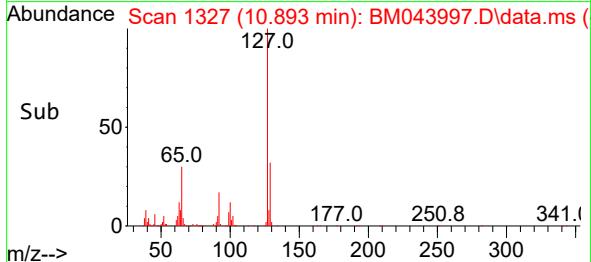
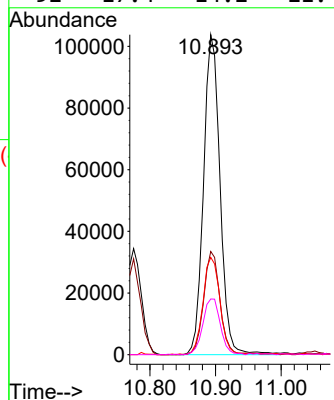
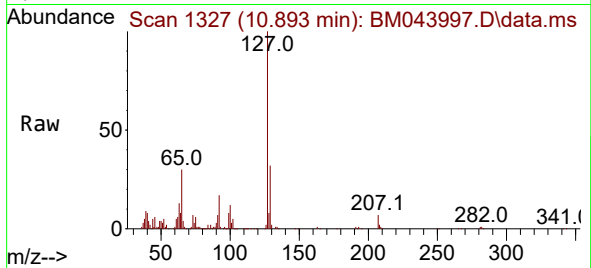




#33
4-Chloroaniline
Concen: 5.862 ng
RT: 10.893 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM043997.D
Acq: 06 Feb 2024 18:17

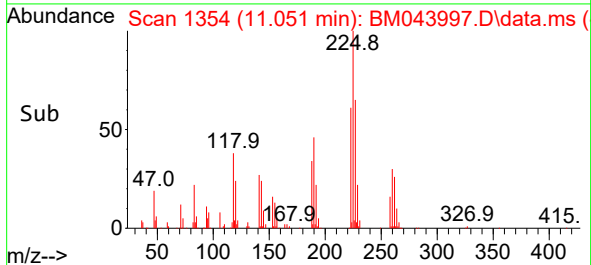
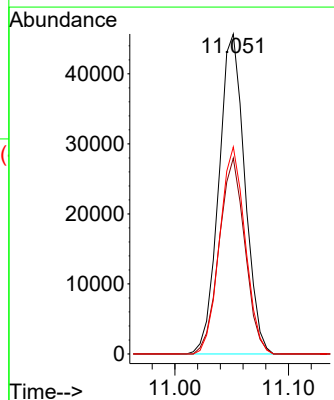
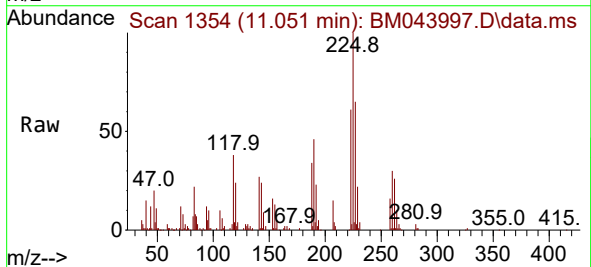
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2024

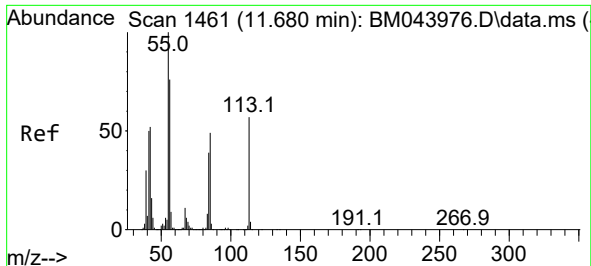
Tgt Ion:127	Resp: 182531
Ion Ratio	Lower Upper
127 100	
129 32.2	25.6 38.4
65 30.4	24.5 36.7
92 17.4	14.2 21.4



#34
Hexachlorobutadiene
Concen: 5.890 ng
RT: 11.051 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BM043997.D
Acq: 06 Feb 2024 18:17

Tgt	Ion:225	Resp:	72641
Ion	Ratio	Lower	Upper
225	100		
223	63.9	49.8	74.8
227	64.7	51.7	77.5

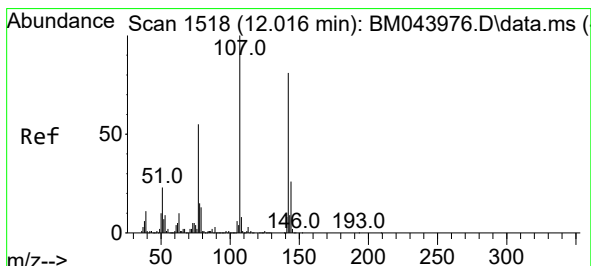
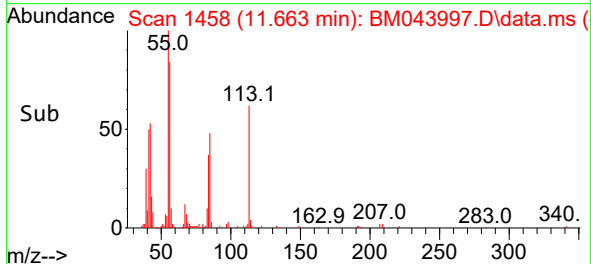
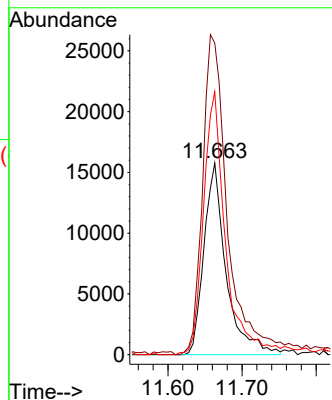
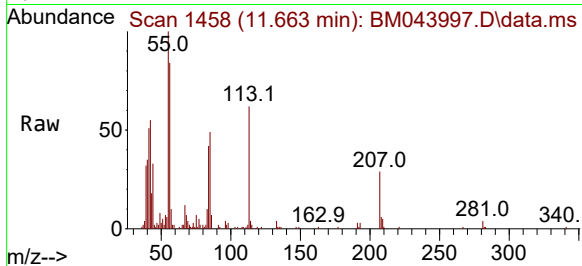




#35
Caprolactam
Concen: 3.998 ng
RT: 11.663 min Scan# 1461
Delta R.T. -0.017 min
Lab File: BM043997.D
Acq: 06 Feb 2024 18:17

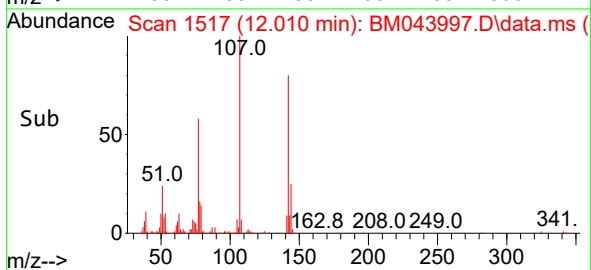
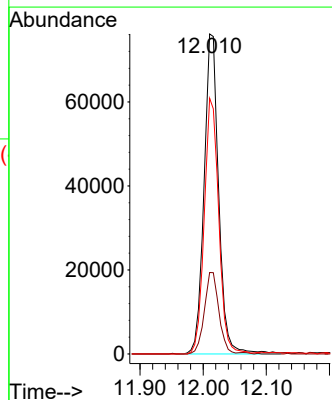
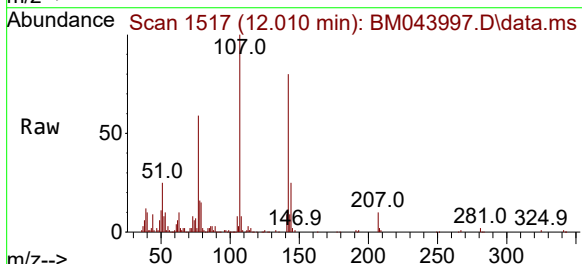
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2024

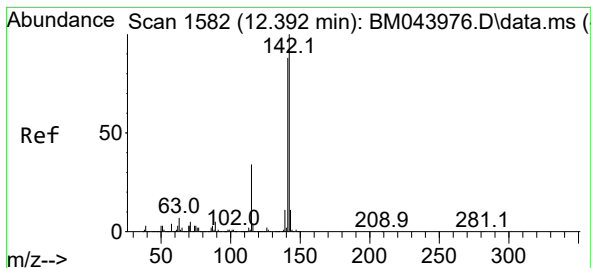
Tgt Ion:113 Resp: 32828
Ion Ratio Lower Upper
113 100
55 162.5 154.3 194.3
56 137.2 112.2 152.2



#36
4-Chloro-3-methylphenol
Concen: 4.994 ng
RT: 12.010 min Scan# 1517
Delta R.T. -0.005 min
Lab File: BM043997.D
Acq: 06 Feb 2024 18:17

Tgt Ion:107 Resp: 122444
Ion Ratio Lower Upper
107 100
144 25.5 21.1 31.7
142 79.9 65.0 97.4





#37

2-Methylnaphthalene

Concen: 5.702 ng

RT: 12.387 min Scan# 1

Delta R.T. -0.005 min

Lab File: BM043997.D

Acq: 06 Feb 2024 18:17

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2024

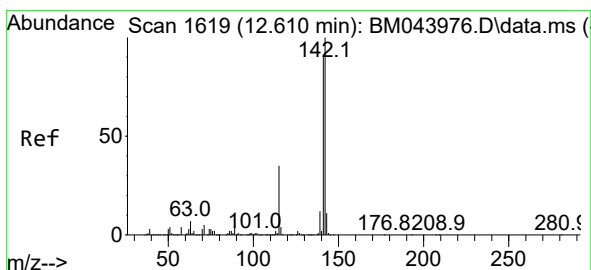
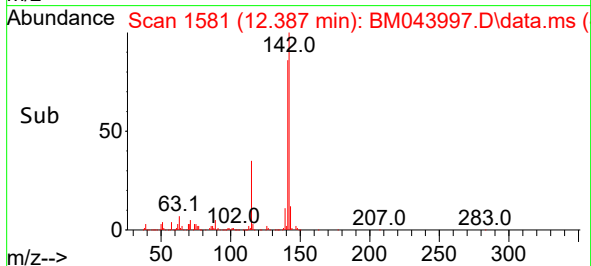
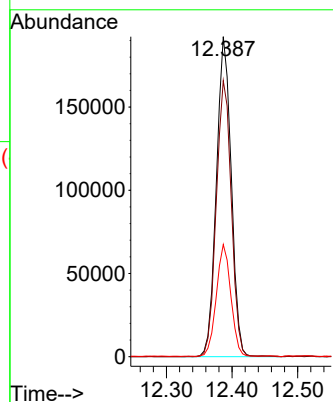
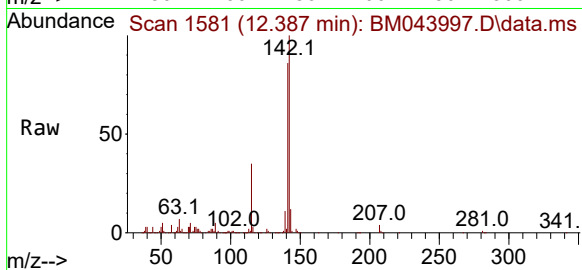
Tgt Ion:142 Resp: 301232

Ion Ratio Lower Upper

142 100

141 86.3 70.2 105.2

115 35.1 27.2 40.8



#38

1-Methylnaphthalene

Concen: 5.535 ng

RT: 12.604 min Scan# 1618

Delta R.T. -0.005 min

Lab File: BM043997.D

Acq: 06 Feb 2024 18:17

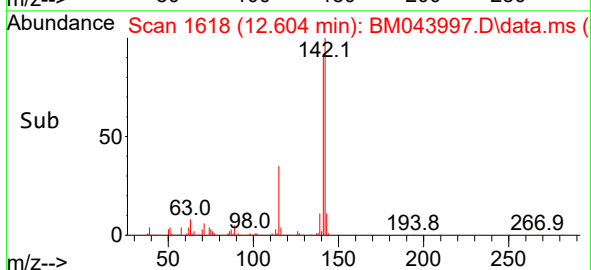
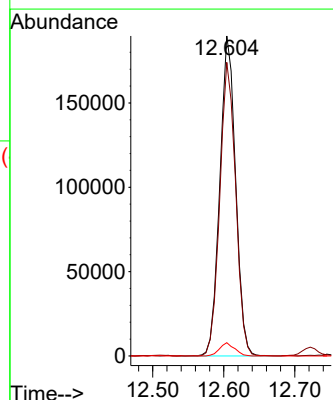
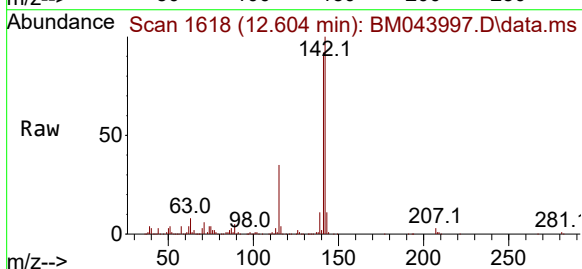
Tgt Ion:142 Resp: 291884

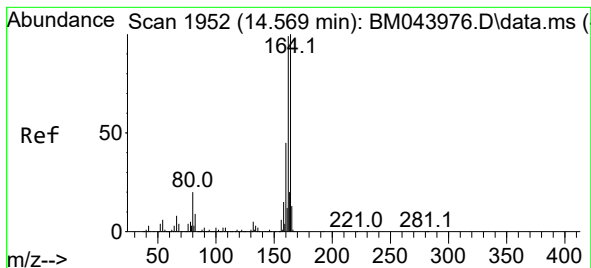
Ion Ratio Lower Upper

142 100

141 91.7 72.1 108.1

116 4.2 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: BM043997.D

Acq: 06 Feb 2024 18:17

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2024

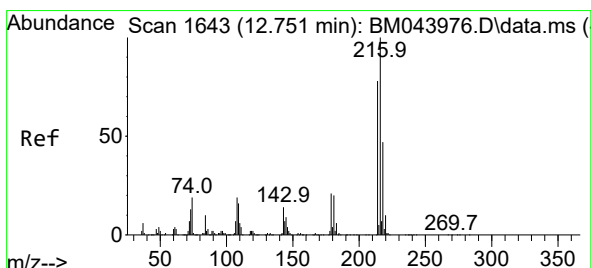
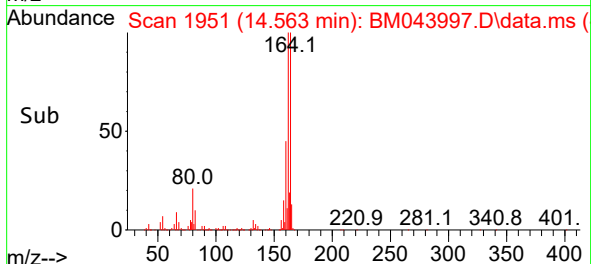
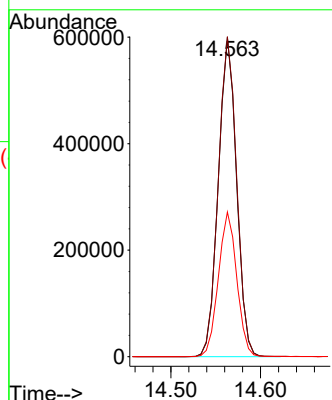
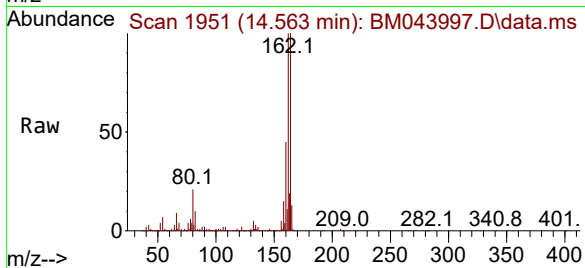
Tgt Ion:164 Resp: 846337

Ion Ratio Lower Upper

164 100

162 100.2 79.0 118.4

160 45.3 35.8 53.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 6.234 ng

RT: 12.751 min Scan# 1643

Delta R.T. 0.000 min

Lab File: BM043997.D

Acq: 06 Feb 2024 18:17

Tgt Ion:216 Resp: 149650

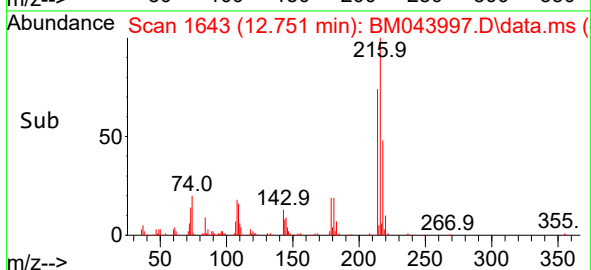
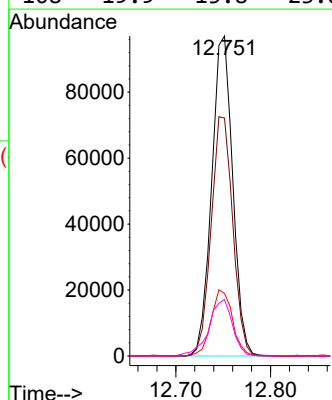
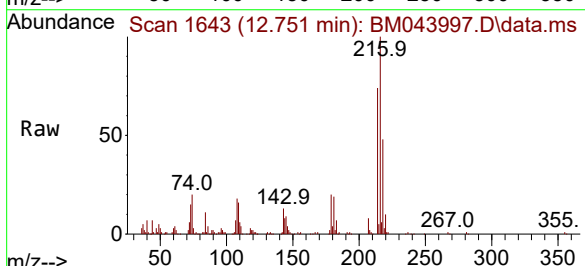
Ion Ratio Lower Upper

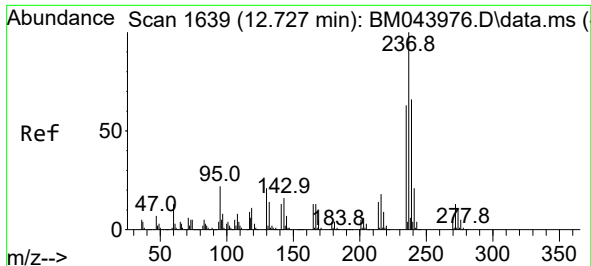
216 100

214 76.5 62.6 94.0

179 21.1 16.7 25.1

108 19.9 15.8 23.8

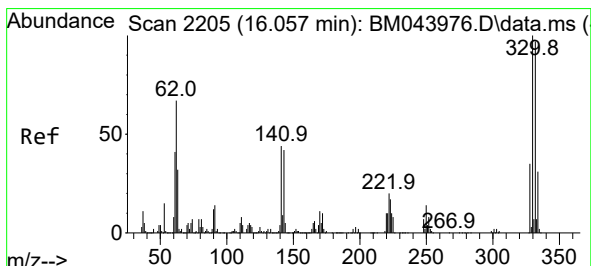
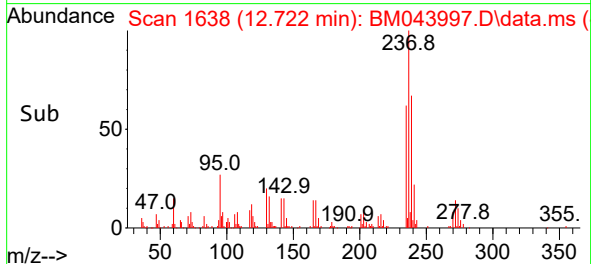
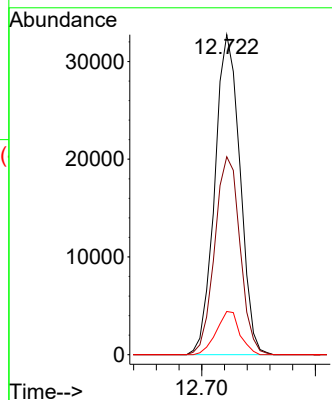
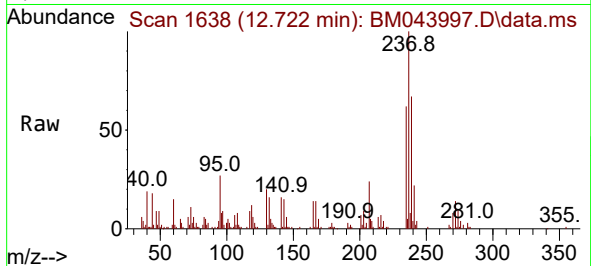




#41
Hexachlorocyclopentadiene
Concen: 6.400 ng
RT: 12.722 min Scan# 1
Delta R.T. -0.005 min
Lab File: BM043997.D
Acq: 06 Feb 2024 18:17

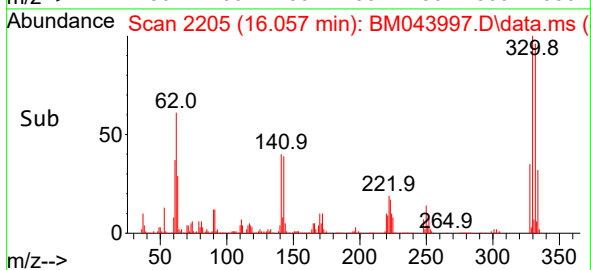
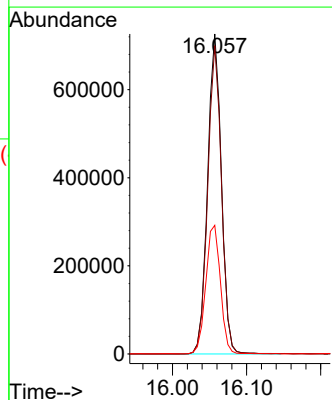
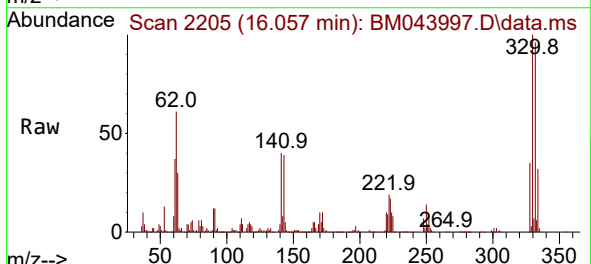
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2024

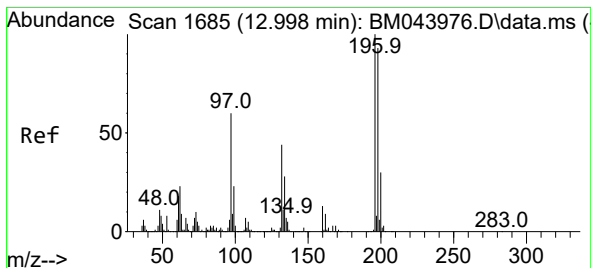
Tgt Ion:237 Resp: 50522
Ion Ratio Lower Upper
237 100
235 61.9 43.5 83.5
272 13.5 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 91.151 ng
RT: 16.057 min Scan# 2205
Delta R.T. 0.000 min
Lab File: BM043997.D
Acq: 06 Feb 2024 18:17

Tgt Ion:330 Resp: 940386
Ion Ratio Lower Upper
330 100
332 95.9 77.6 116.4
141 42.5 33.5 50.3





#43

2,4,6-Trichlorophenol

Concen: 5.066 ng

RT: 12.998 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM043997.D

Acq: 06 Feb 2024 18:17

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2024

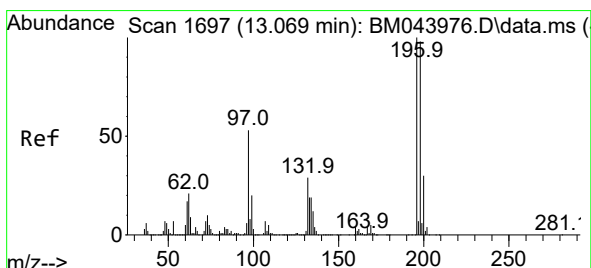
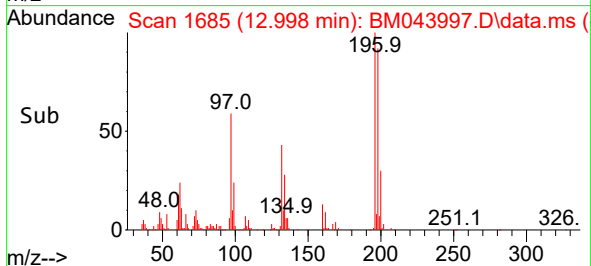
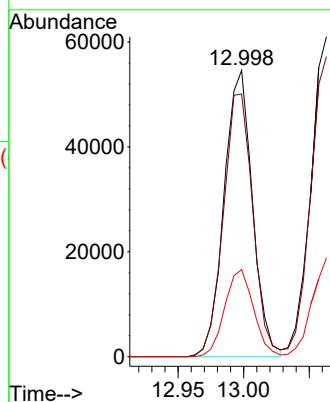
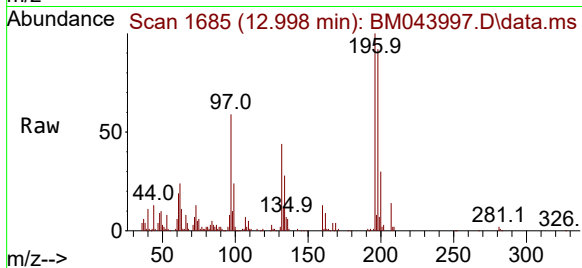
Tgt Ion:196 Resp: 82180

Ion Ratio Lower Upper

196 100

198 91.7 74.2 111.2

200 30.5 23.8 35.8



#44

2,4,5-Trichlorophenol

Concen: 5.015 ng

RT: 13.063 min Scan# 1696

Delta R.T. -0.006 min

Lab File: BM043997.D

Acq: 06 Feb 2024 18:17

Tgt Ion:196 Resp: 92821

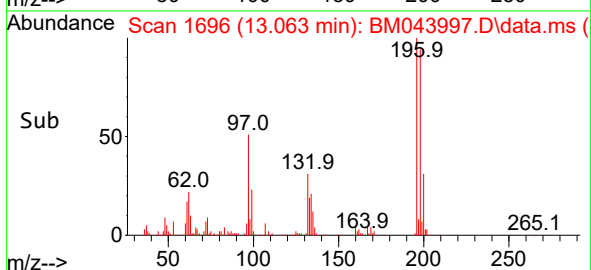
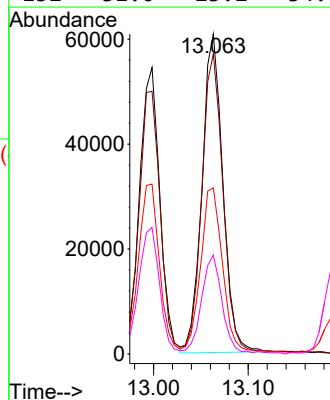
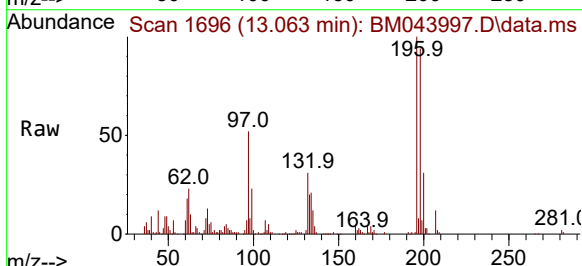
Ion Ratio Lower Upper

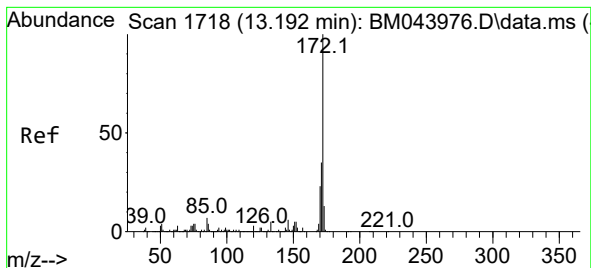
196 100

198 93.8 78.1 117.1

97 51.9 42.2 63.2

132 31.0 23.2 34.8





#45

2-Fluorobiphenyl

Concen: 93.262 ng

RT: 13.193 min Scan# 1

Delta R.T. 0.001 min

Lab File: BM043997.D

Acq: 06 Feb 2024 18:17

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2024

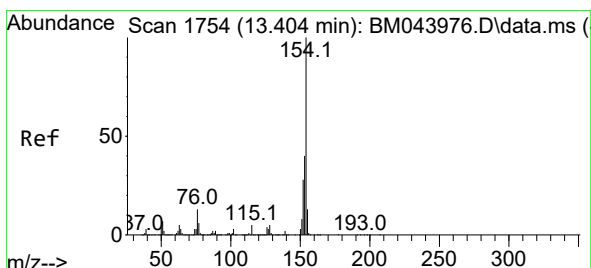
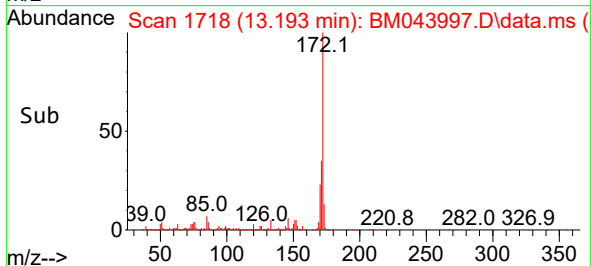
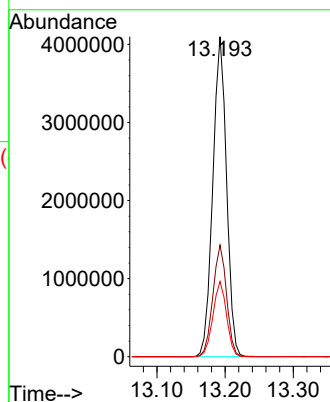
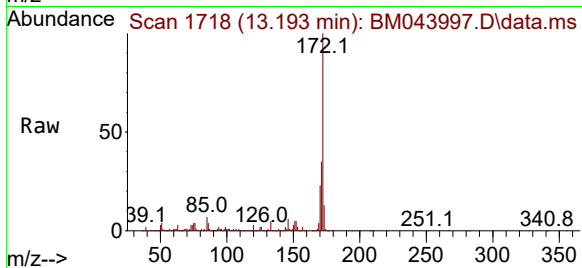
Tgt Ion:172 Resp: 5744312

Ion Ratio Lower Upper

172 100

171 34.8 27.9 41.9

170 23.5 18.6 28.0



#46

1,1'-Biphenyl

Concen: 6.058 ng

RT: 13.398 min Scan# 1753

Delta R.T. -0.005 min

Lab File: BM043997.D

Acq: 06 Feb 2024 18:17

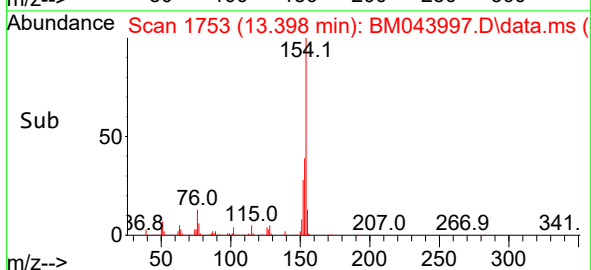
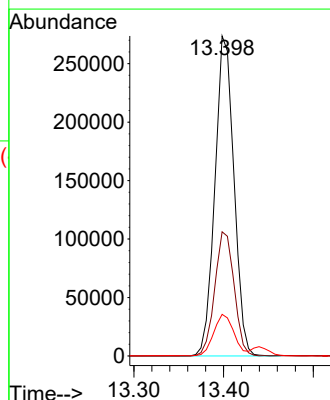
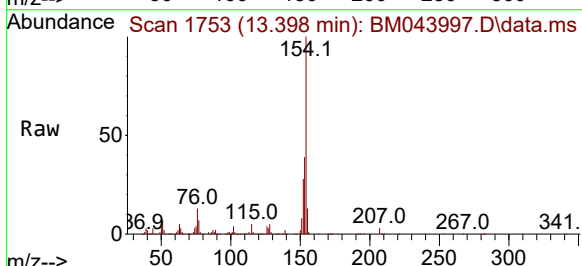
Tgt Ion:154 Resp: 403168

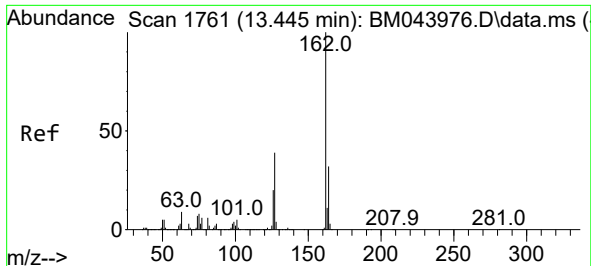
Ion Ratio Lower Upper

154 100

153 38.8 19.8 59.8

76 13.0 0.0 33.0

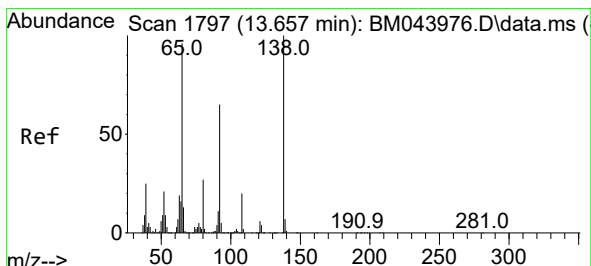
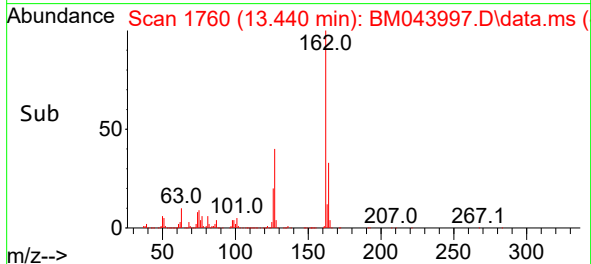
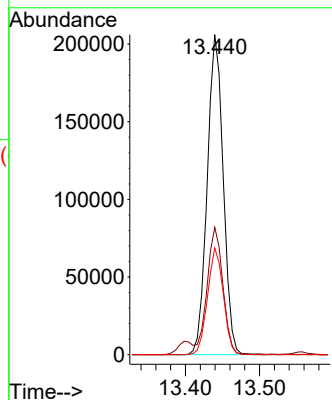
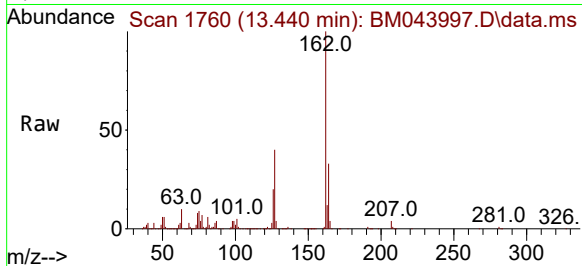




#47
2-Chloronaphthalene
Concen: 5.832 ng
RT: 13.440 min Scan# 1761
Delta R.T. -0.005 min
Lab File: BM043997.D
Acq: 06 Feb 2024 18:17

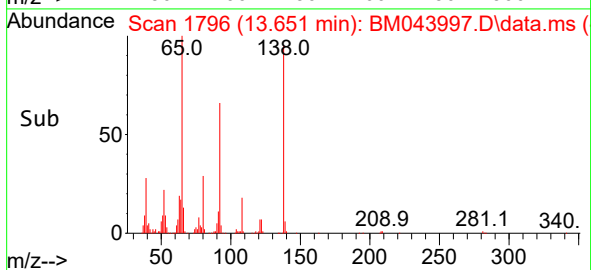
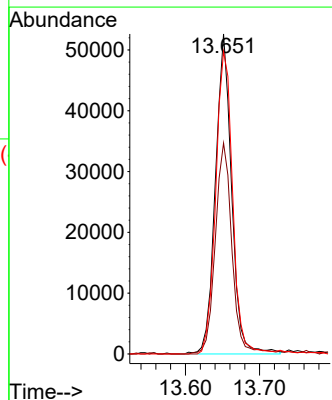
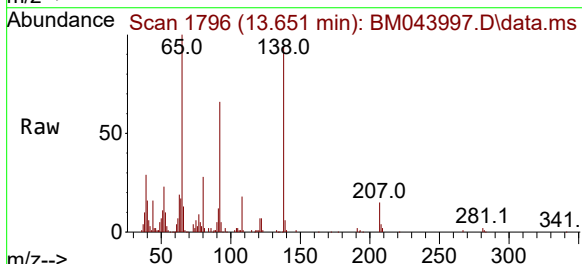
Instrument : BNA_M
ClientSampleId : LOQ-WATER-02-QT1-2024

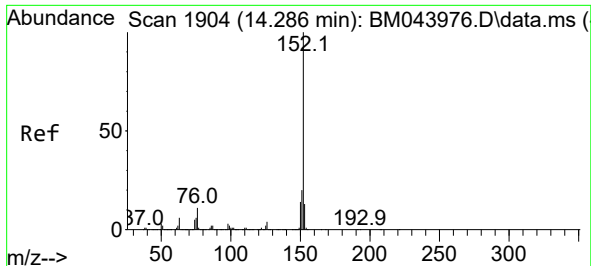
Tgt Ion:162 Resp: 309547
Ion Ratio Lower Upper
162 100
127 39.8 31.0 46.6
164 33.4 25.8 38.6



#48
2-Nitroaniline
Concen: 4.630 ng
RT: 13.651 min Scan# 1796
Delta R.T. -0.005 min
Lab File: BM043997.D
Acq: 06 Feb 2024 18:17

Tgt Ion: 65 Resp: 79925
Ion Ratio Lower Upper
65 100
92 65.9 53.6 80.4
138 94.5 83.0 124.6

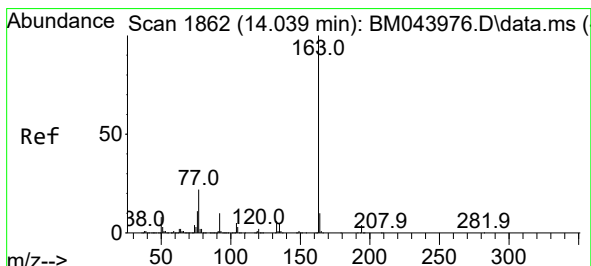
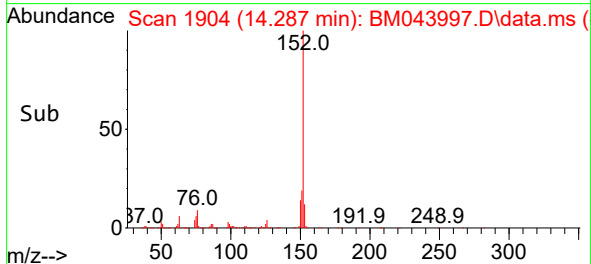
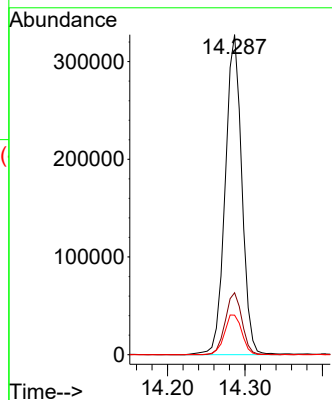
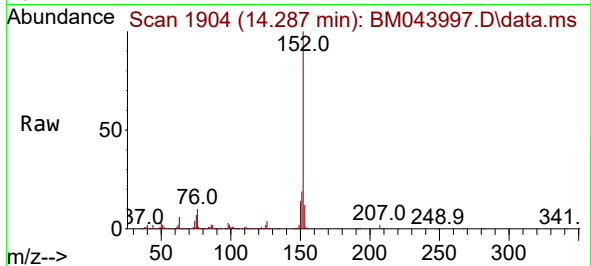




#49
Acenaphthylene
Concen: 6.004 ng
RT: 14.287 min Scan# 1904
Delta R.T. 0.000 min
Lab File: BM043997.D
Acq: 06 Feb 2024 18:17

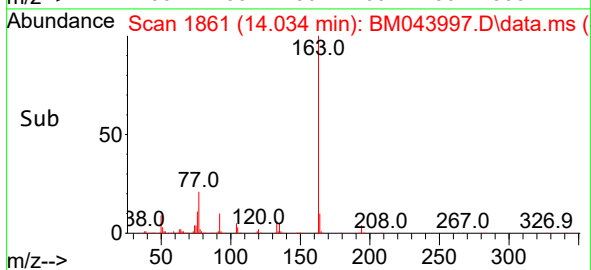
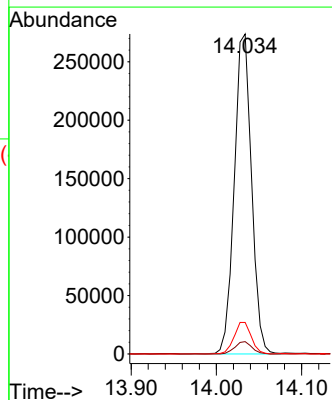
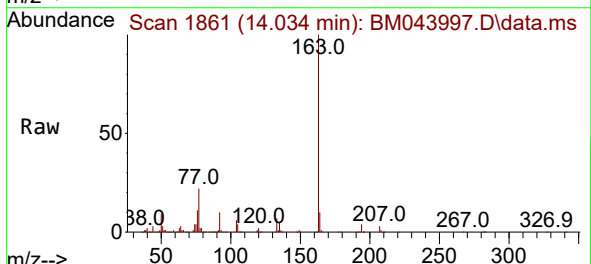
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2024

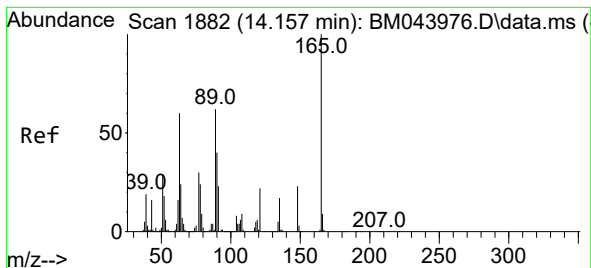
Tgt Ion:152 Resp: 487116
Ion Ratio Lower Upper
152 100
151 19.3 15.9 23.9
153 12.4 10.4 15.6



#50
Dimethylphthalate
Concen: 5.858 ng
RT: 14.034 min Scan# 1861
Delta R.T. -0.006 min
Lab File: BM043997.D
Acq: 06 Feb 2024 18:17

Tgt Ion:163 Resp: 385082
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 9.9 8.0 12.0





#51

2,6-Dinitrotoluene

Concen: 4.774 ng

RT: 14.151 min Scan# 1882

Delta R.T. -0.006 min

Lab File: BM043997.D

Acq: 06 Feb 2024 18:17

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2024

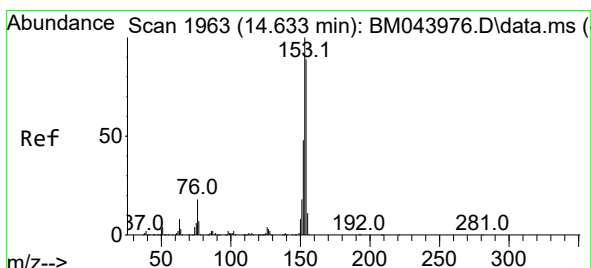
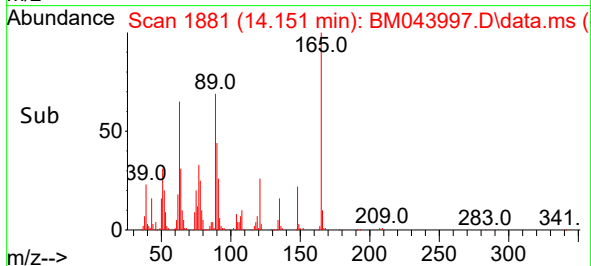
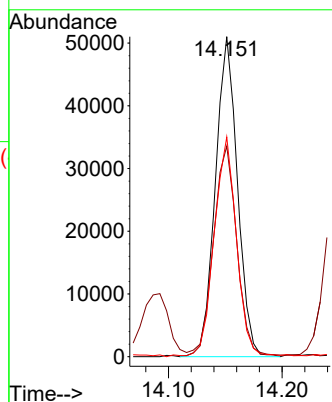
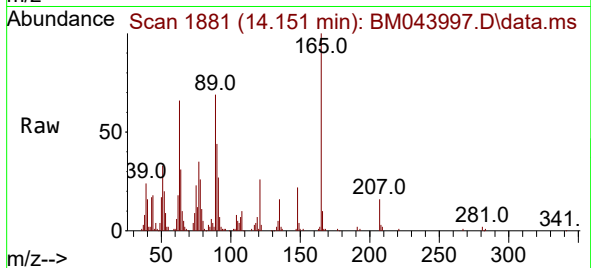
Tgt Ion:165 Resp: 68981

Ion Ratio Lower Upper

165 100

63 65.8 51.1 76.7

89 68.6 49.5 74.3



#52

Acenaphthene

Concen: 5.734 ng

RT: 14.628 min Scan# 1962

Delta R.T. -0.005 min

Lab File: BM043997.D

Acq: 06 Feb 2024 18:17

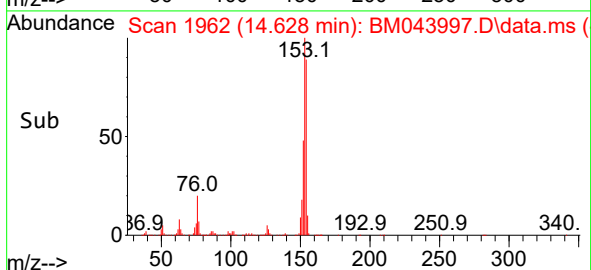
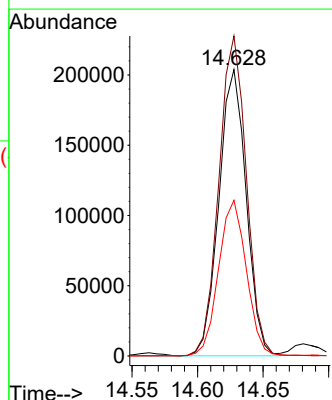
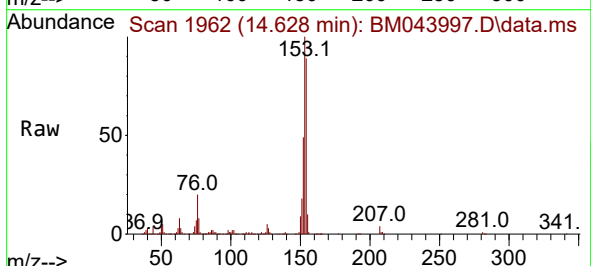
Tgt Ion:154 Resp: 294908

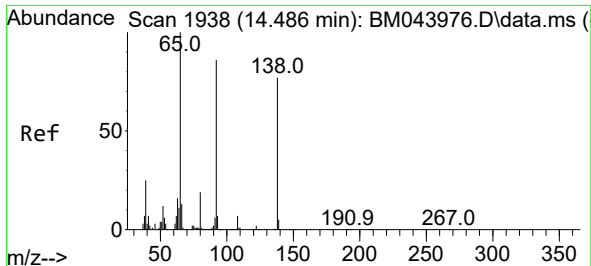
Ion Ratio Lower Upper

154 100

153 111.7 90.1 135.1

152 54.3 43.6 65.4

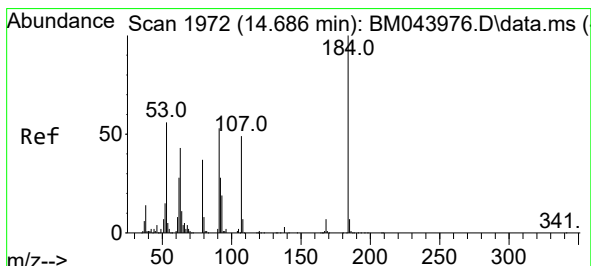
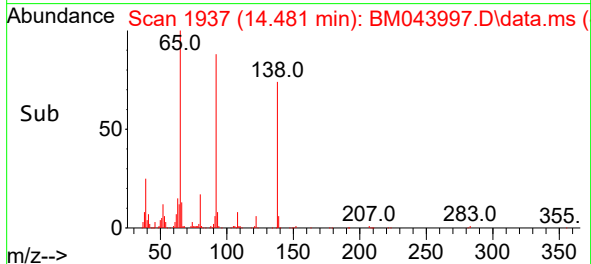
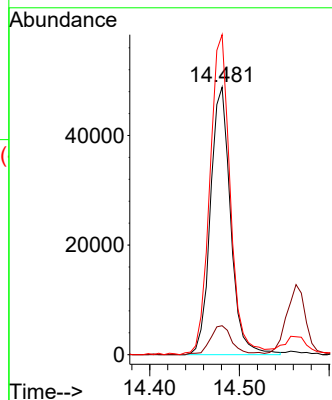
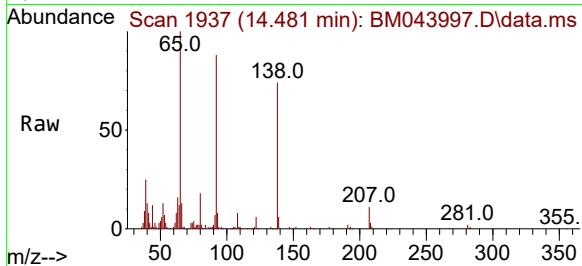




#53
3-Nitroaniline
Concen: 4.536 ng
RT: 14.481 min Scan# 1937
Delta R.T. -0.006 min
Lab File: BM043997.D
Acq: 06 Feb 2024 18:17

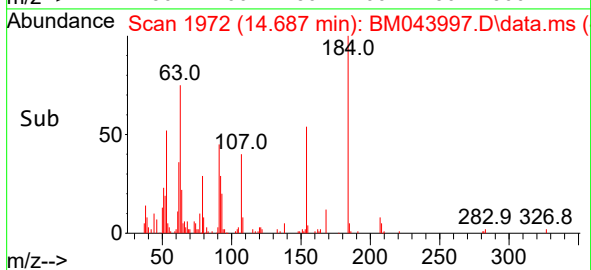
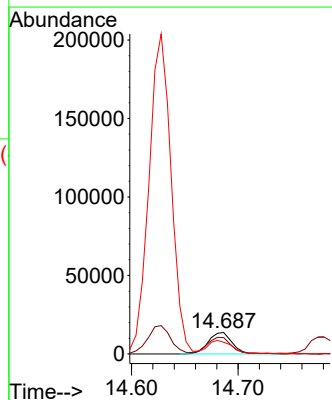
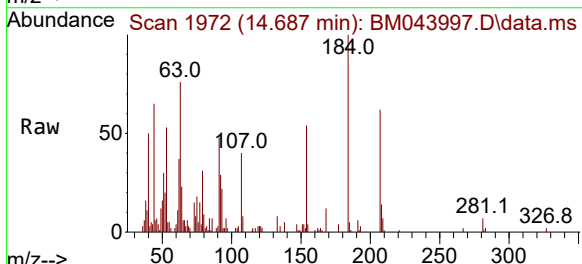
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2024

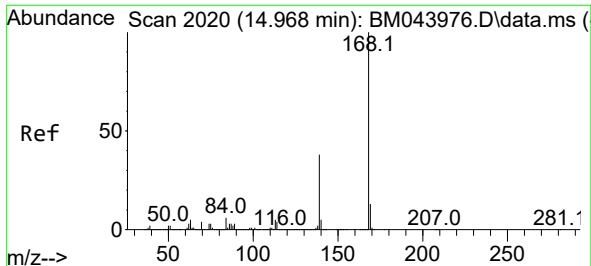
Tgt Ion:138 Resp: 76098
Ion Ratio Lower Upper
138 100
108 10.8 7.8 11.6
92 119.6 89.7 134.5



#54
2,4-Dinitrophenol
Concen: 9.579 ng
RT: 14.687 min Scan# 1972
Delta R.T. 0.001 min
Lab File: BM043997.D
Acq: 06 Feb 2024 18:17

Tgt Ion:184 Resp: 21322
Ion Ratio Lower Upper
184 100
63 76.1 62.8 94.2
154 54.3 51.4 77.2

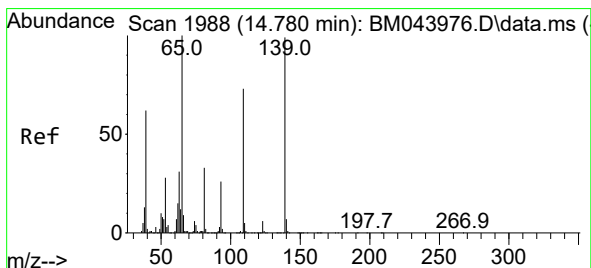
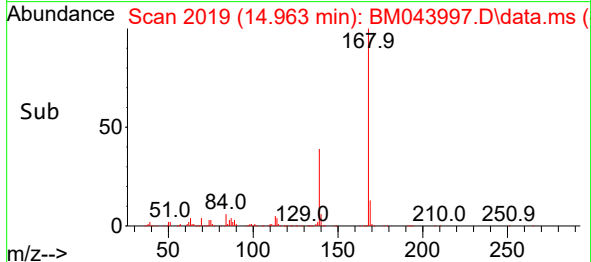
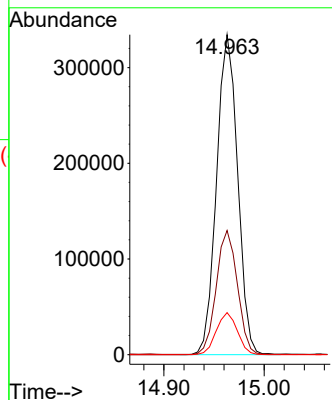
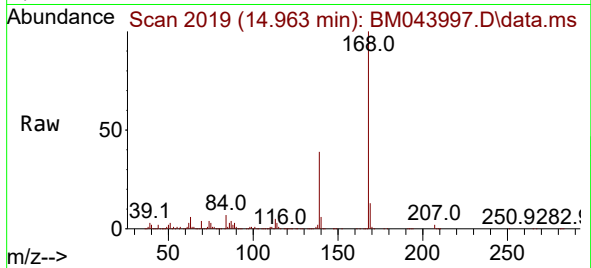




#55
Dibenzofuran
Concen: 6.095 ng
RT: 14.963 min Scan# 2020
Delta R.T. -0.005 min
Lab File: BM043997.D
Acq: 06 Feb 2024 18:17

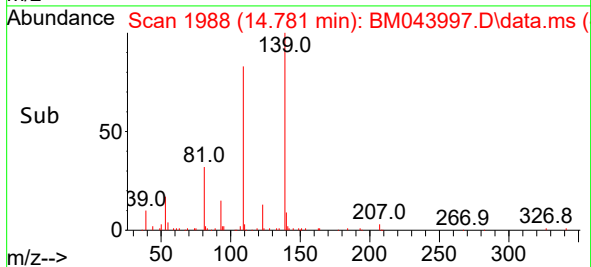
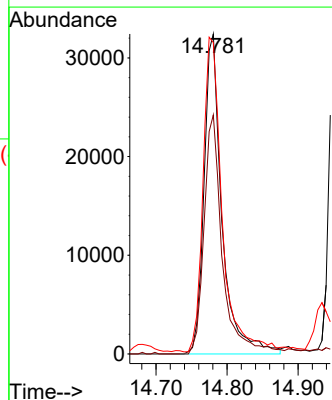
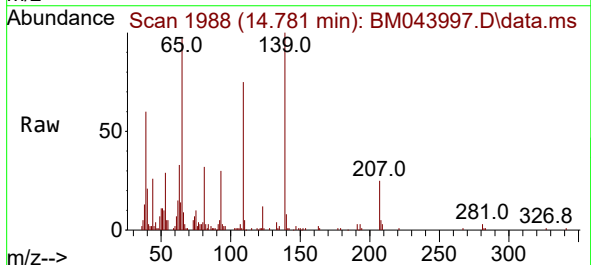
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2024

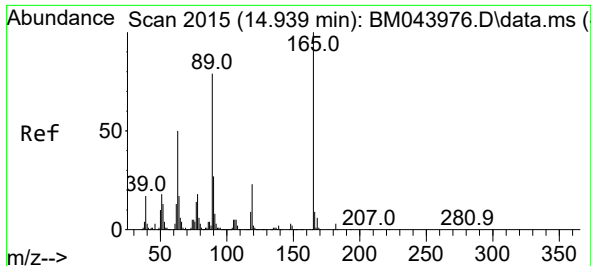
Tgt Ion:168 Resp: 487866
Ion Ratio Lower Upper
168 100
139 38.8 30.7 46.1
169 13.2 10.5 15.7



#56
4-Nitrophenol
Concen: 3.891 ng
RT: 14.781 min Scan# 1988
Delta R.T. 0.000 min
Lab File: BM043997.D
Acq: 06 Feb 2024 18:17

Tgt Ion:139 Resp: 57047
Ion Ratio Lower Upper
139 100
109 74.7 53.2 93.2
65 97.3 80.7 120.7





#57

2,4-Dinitrotoluene

Concen: 4.096 ng

RT: 14.934 min Scan# 2015

Delta R.T. -0.005 min

Lab File: BM043997.D

Acq: 06 Feb 2024 18:17

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2024

Tgt Ion:165 Resp: 82398

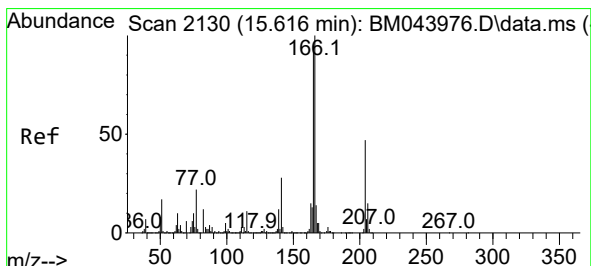
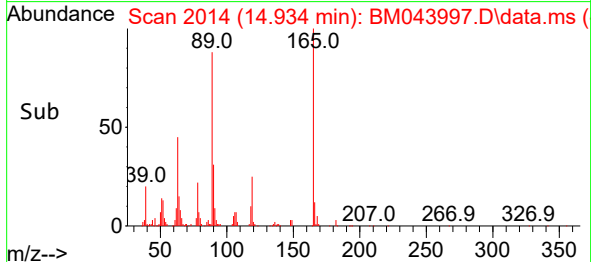
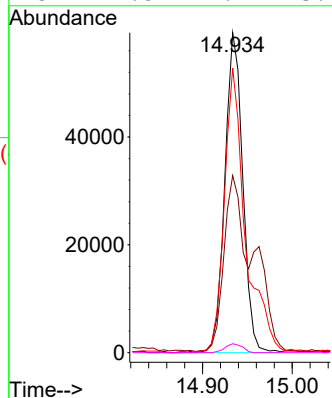
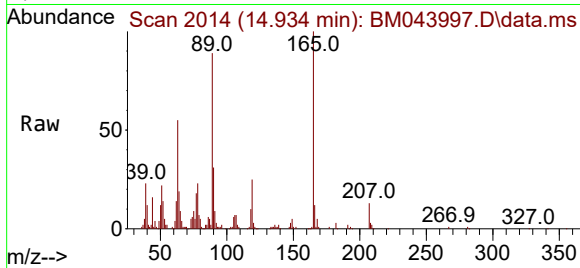
Ion Ratio Lower Upper

165 100

63 55.3 40.2 60.4

89 88.9 63.3 94.9

182 2.8 2.1 3.1



#58

Fluorene

Concen: 5.725 ng

RT: 15.616 min Scan# 2130

Delta R.T. 0.000 min

Lab File: BM043997.D

Acq: 06 Feb 2024 18:17

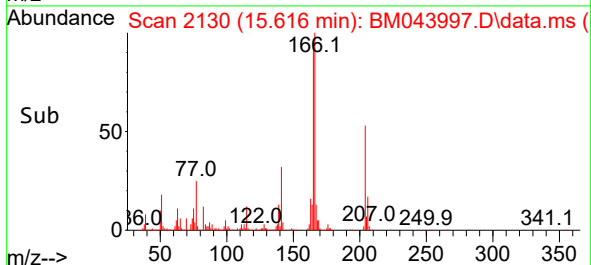
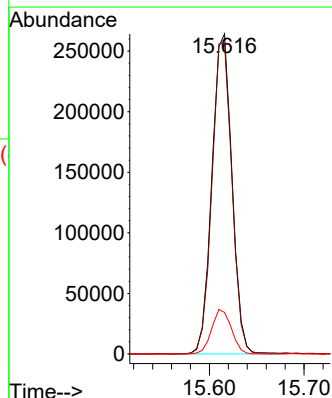
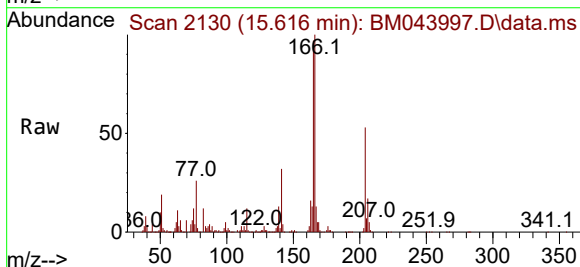
Tgt Ion:166 Resp: 386969

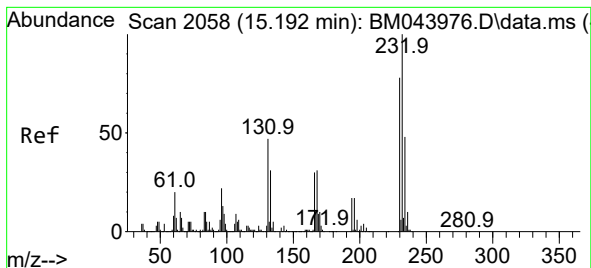
Ion Ratio Lower Upper

166 100

165 97.2 76.3 114.5

167 13.0 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 5.315 ng

RT: 15.187 min Scan# 2058

Delta R.T. -0.005 min

Lab File: BM043997.D

Acq: 06 Feb 2024 18:17

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2024

Tgt Ion:232 Resp: 84794

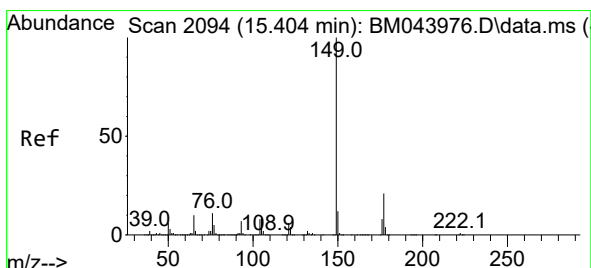
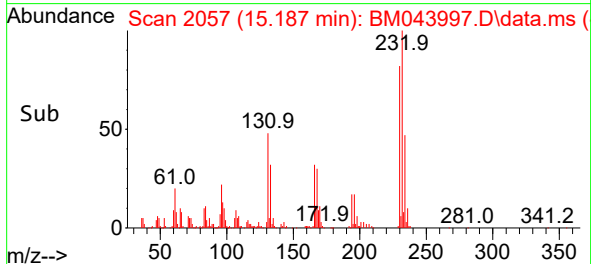
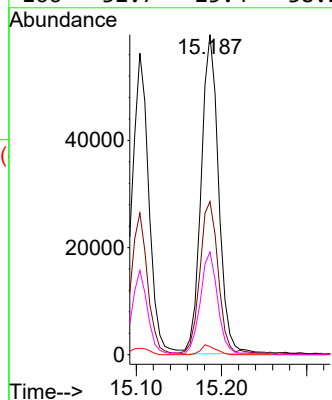
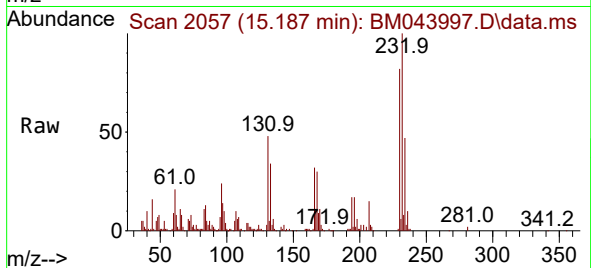
Ion Ratio Lower Upper

232 100

131 49.9 39.8 59.6

130 2.6 2.0 3.0

166 32.7 25.4 38.2



#60

Diethylphthalate

Concen: 5.589 ng

RT: 15.398 min Scan# 2093

Delta R.T. -0.006 min

Lab File: BM043997.D

Acq: 06 Feb 2024 18:17

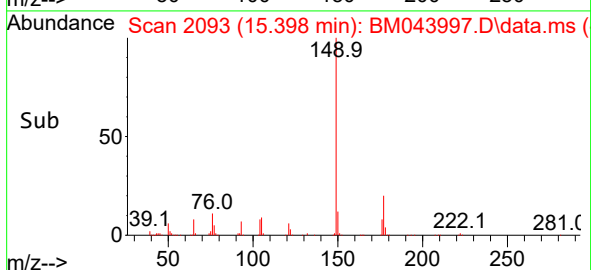
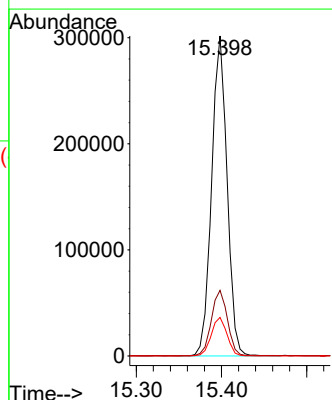
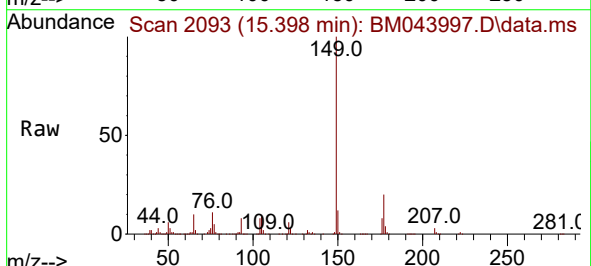
Tgt Ion:149 Resp: 380348

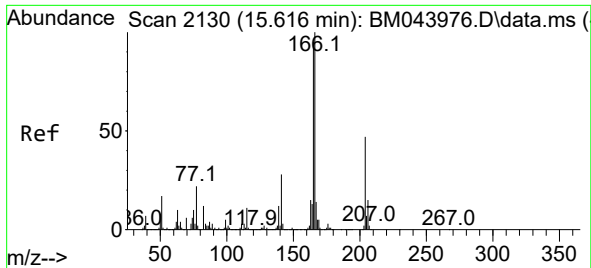
Ion Ratio Lower Upper

149 100

177 20.5 17.1 25.7

150 12.0 9.8 14.6

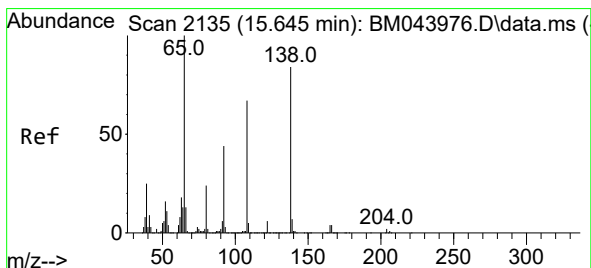
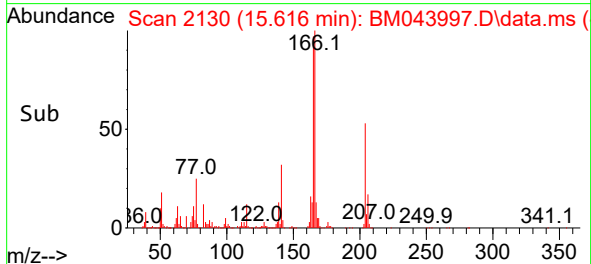
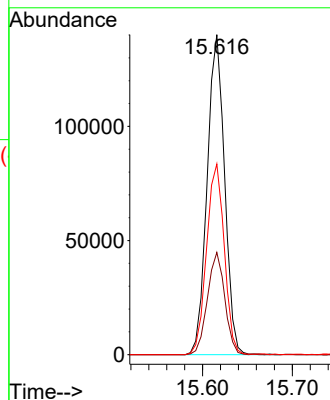
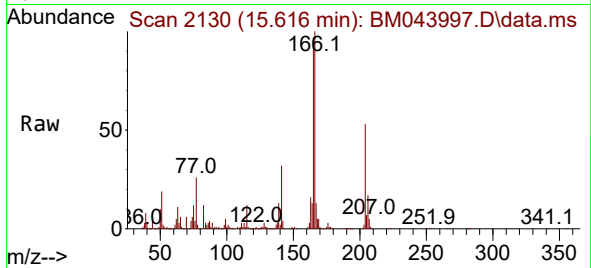




#61
4-Chlorophenyl-phenylether
Concen: 5.993 ng
RT: 15.616 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BM043997.D
Acq: 06 Feb 2024 18:17

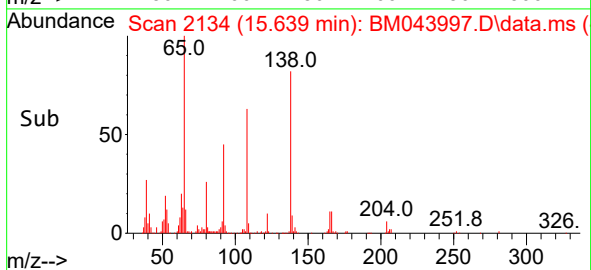
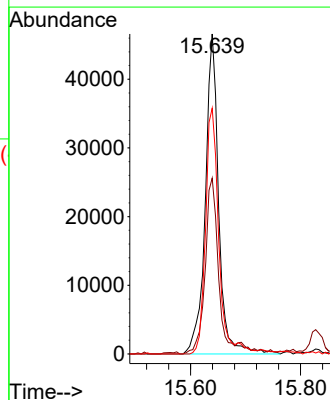
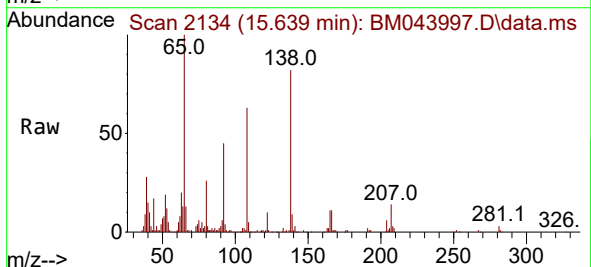
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2024

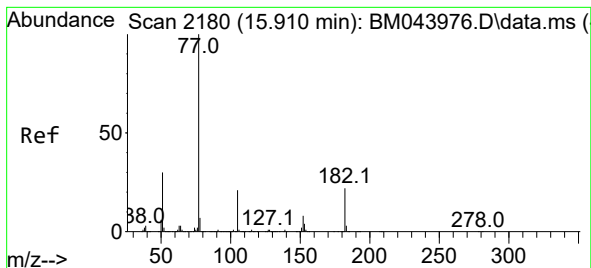
Tgt Ion:204 Resp: 189011
Ion Ratio Lower Upper
204 100
206 31.9 26.2 39.2
141 59.6 48.6 72.8



#62
4-Nitroaniline
Concen: 4.300 ng
RT: 15.639 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BM043997.D
Acq: 06 Feb 2024 18:17

Tgt Ion:138 Resp: 78865
Ion Ratio Lower Upper
138 100
92 55.0 32.7 72.7
108 76.8 60.0 100.0





#63

Azobenzene

Concen: 5.606 ng

RT: 15.910 min Scan# 2180

Delta R.T. 0.000 min

Lab File: BM043997.D

Acq: 06 Feb 2024 18:17

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2024

Tgt Ion: 77 Resp: 381086

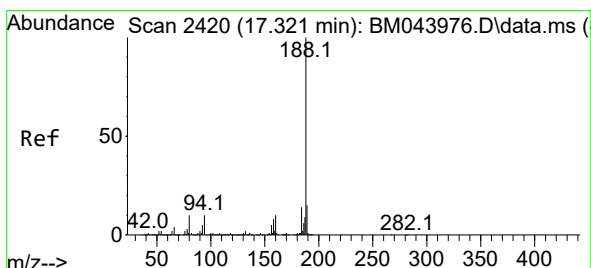
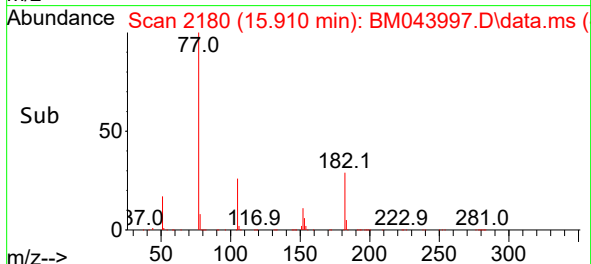
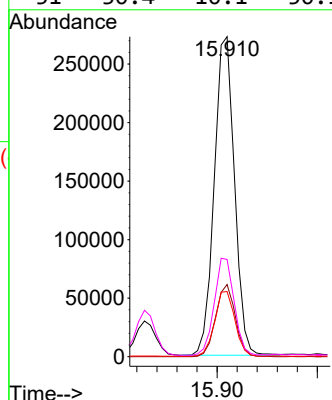
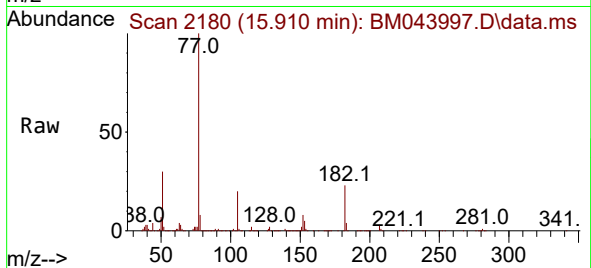
Ion Ratio Lower Upper

77 100

182 22.6 2.0 42.0

105 20.4 0.5 40.5

51 30.4 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: BM043997.D

Acq: 06 Feb 2024 18:17

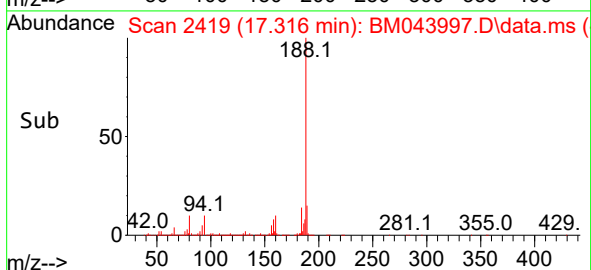
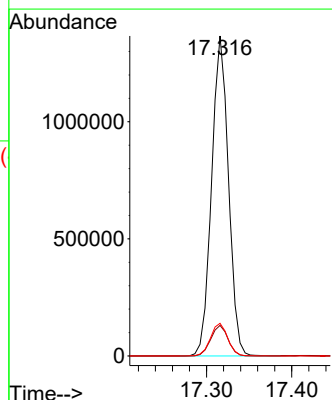
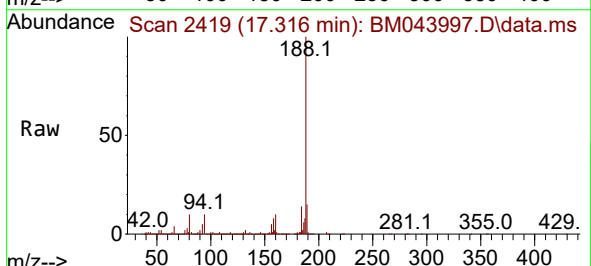
Tgt Ion:188 Resp: 1876244

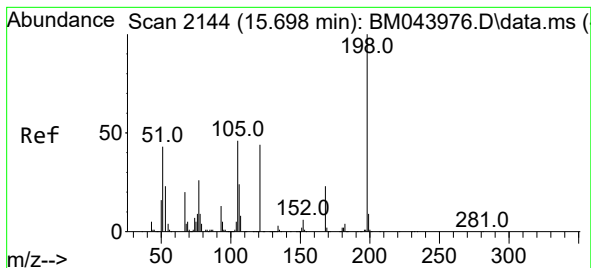
Ion Ratio Lower Upper

188 100

94 9.5 7.7 11.5

80 10.2 8.2 12.4

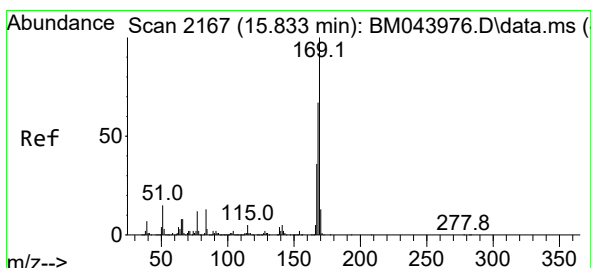
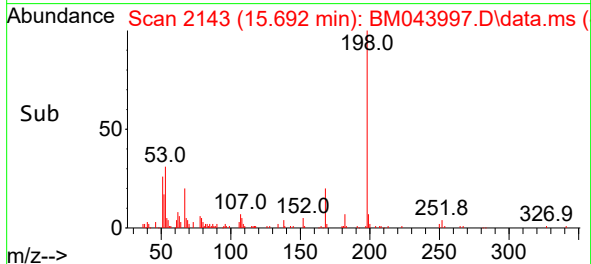
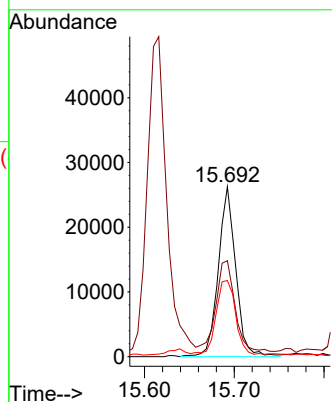
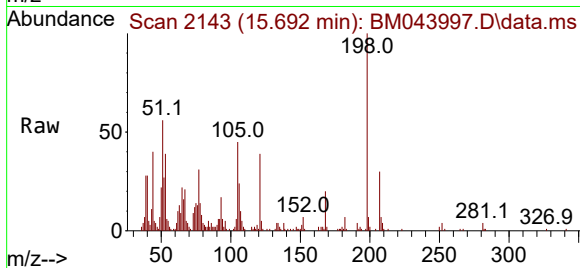




#65
4,6-Dinitro-2-methylphenol
Concen: 8.865 ng
RT: 15.692 min Scan# 2144
Delta R.T. -0.006 min
Lab File: BM043997.D
Acq: 06 Feb 2024 18:17

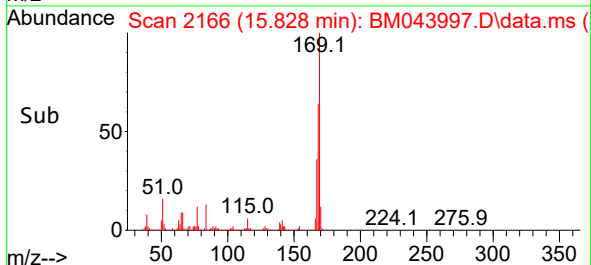
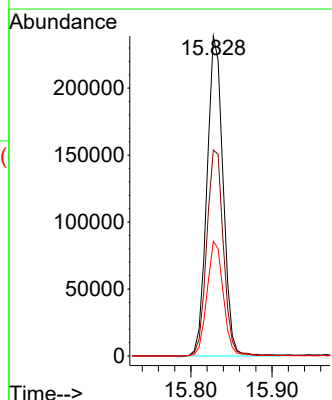
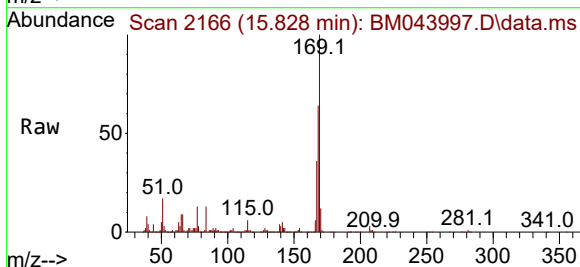
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2024

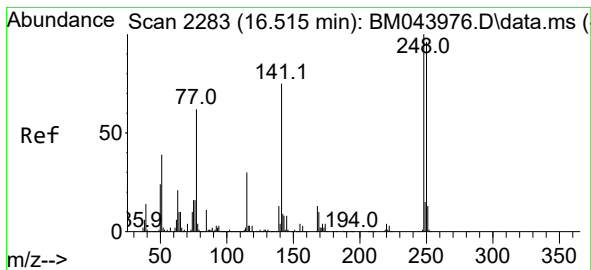
Tgt Ion:198 Resp: 35477
Ion Ratio Lower Upper
198 100
51 56.5 31.9 71.9
105 44.8 28.1 68.1



#66
n-Nitrosodiphenylamine
Concen: 5.886 ng
RT: 15.828 min Scan# 2166
Delta R.T. -0.005 min
Lab File: BM043997.D
Acq: 06 Feb 2024 18:17

Tgt Ion:169 Resp: 328986
Ion Ratio Lower Upper
169 100
168 64.3 53.4 80.2
167 35.8 29.0 43.4

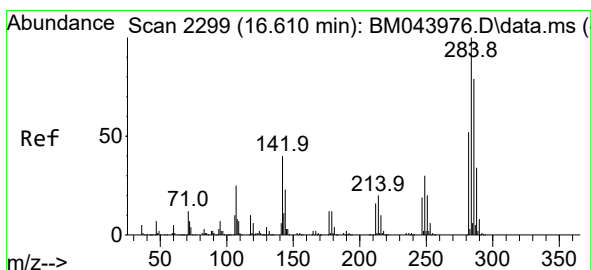
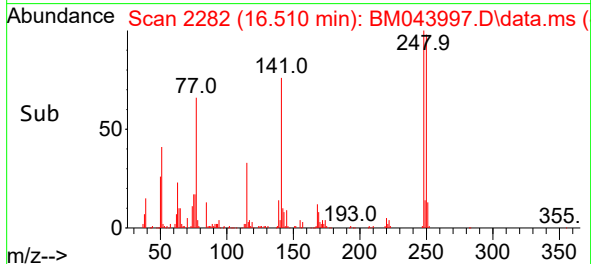
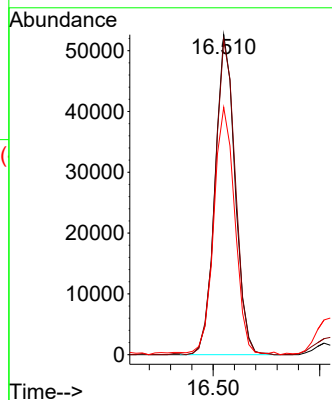
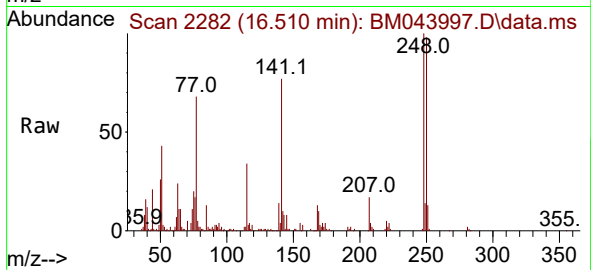




#67
4-Bromophenyl-phenylether
Concen: 3.702 ng
RT: 16.510 min Scan# 2111
Delta R.T. -0.005 min
Lab File: BM043997.D
Acq: 06 Feb 2024 18:17

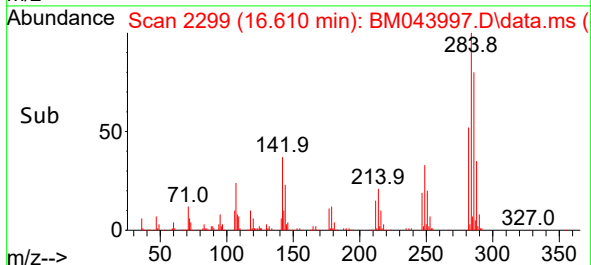
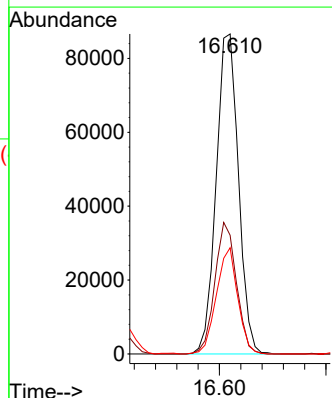
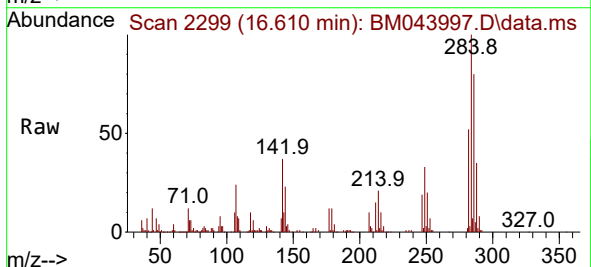
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2024

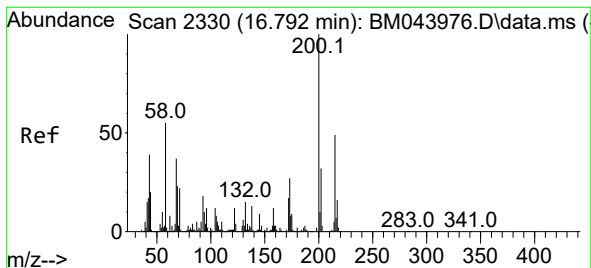
Tgt Ion:248 Resp: 68429
Ion Ratio Lower Upper
248 100
250 98.4 77.0 115.4
141 77.3 59.9 89.9



#68
Hexachlorobenzene
Concen: 5.694 ng
RT: 16.610 min Scan# 2299
Delta R.T. 0.000 min
Lab File: BM043997.D
Acq: 06 Feb 2024 18:17

Tgt Ion:284 Resp: 125478
Ion Ratio Lower Upper
284 100
142 37.1 32.2 48.4
249 33.2 24.4 36.6





#69

Atrazine

Concen: 6.605 ng

RT: 16.786 min Scan# 21

Delta R.T. -0.005 min

Lab File: BM043997.D

Acq: 06 Feb 2024 18:17

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2024

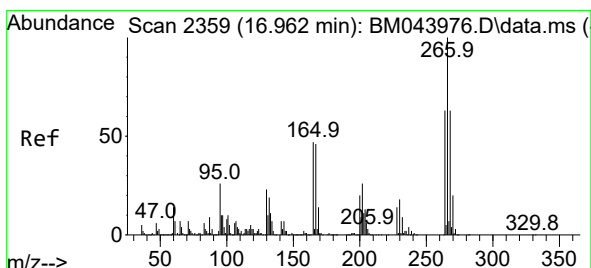
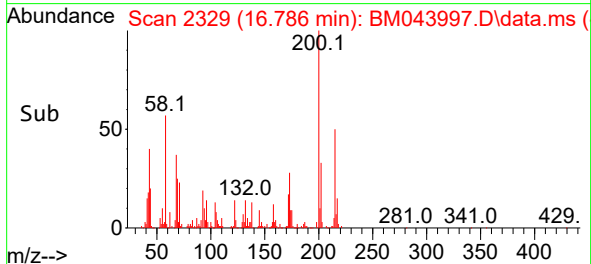
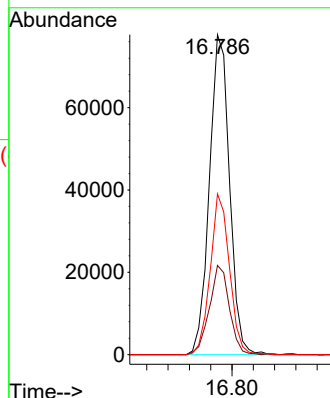
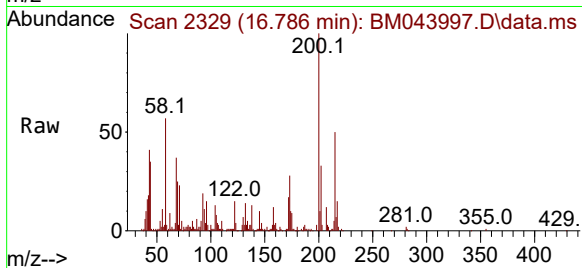
Tgt Ion:200 Resp: 102130

Ion Ratio Lower Upper

200 100

173 27.9 7.3 47.3

215 50.3 28.7 68.7



#70

Pentachlorophenol

Concen: 3.873 ng

RT: 16.957 min Scan# 2358

Delta R.T. -0.005 min

Lab File: BM043997.D

Acq: 06 Feb 2024 18:17

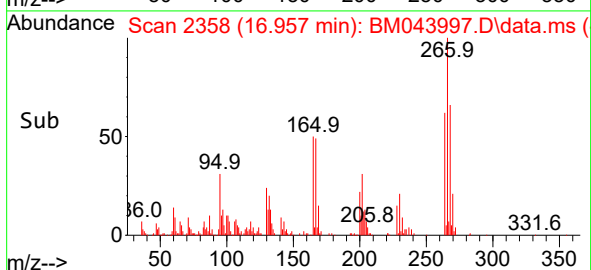
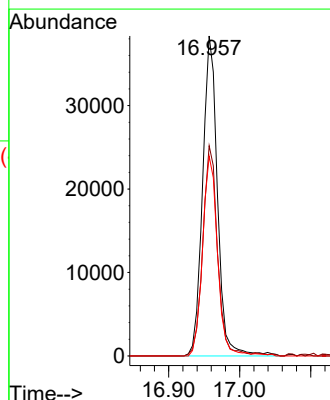
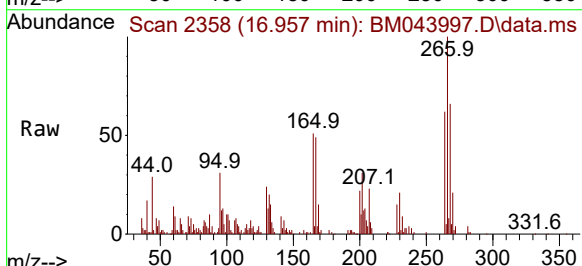
Tgt Ion:266 Resp: 56049

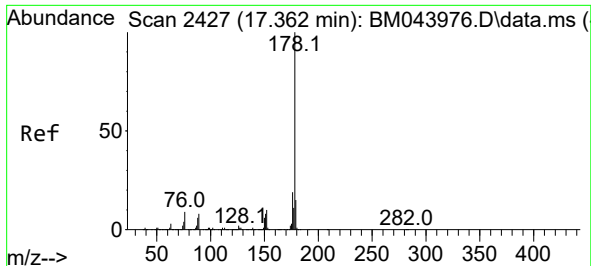
Ion Ratio Lower Upper

266 100

268 65.7 50.6 76.0

264 62.4 50.6 76.0

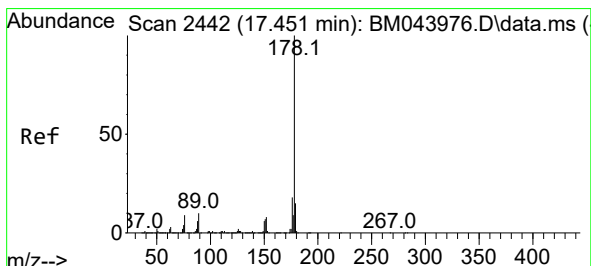
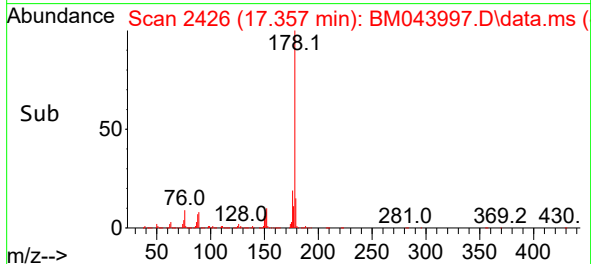
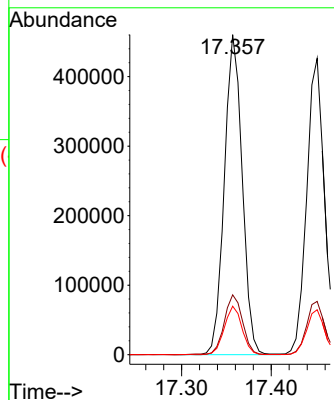
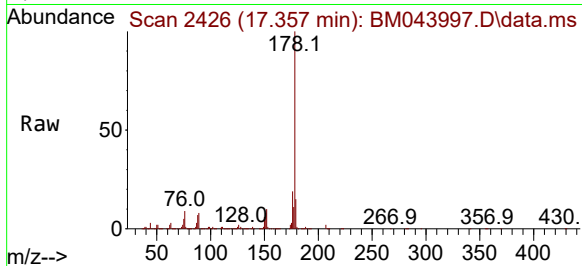




#71
Phenanthrene
Concen: 6.091 ng
RT: 17.357 min Scan# 2426
Delta R.T. -0.005 min
Lab File: BM043997.D
Acq: 06 Feb 2024 18:17

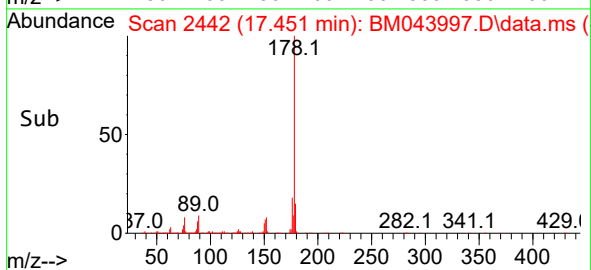
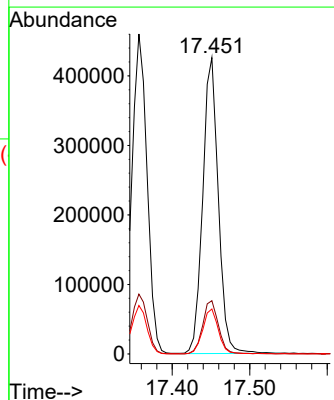
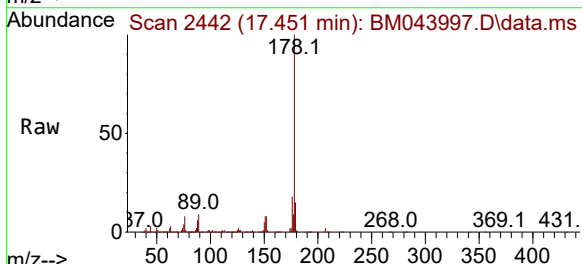
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2024

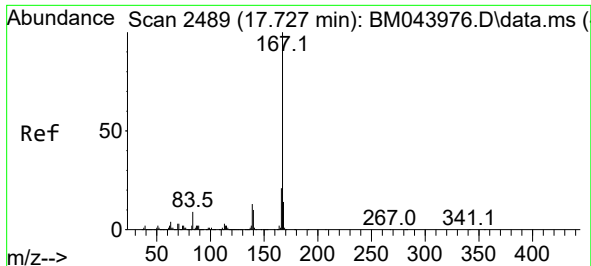
Tgt Ion:178 Resp: 636481
Ion Ratio Lower Upper
178 100
176 18.7 15.3 22.9
179 15.1 12.4 18.6



#72
Anthracene
Concen: 5.807 ng
RT: 17.451 min Scan# 2442
Delta R.T. 0.000 min
Lab File: BM043997.D
Acq: 06 Feb 2024 18:17

Tgt Ion:178 Resp: 594122
Ion Ratio Lower Upper
178 100
176 18.0 14.6 22.0
179 15.2 12.2 18.4

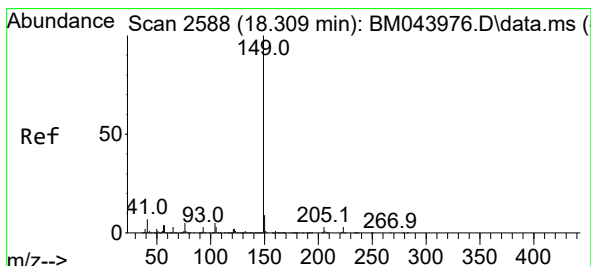
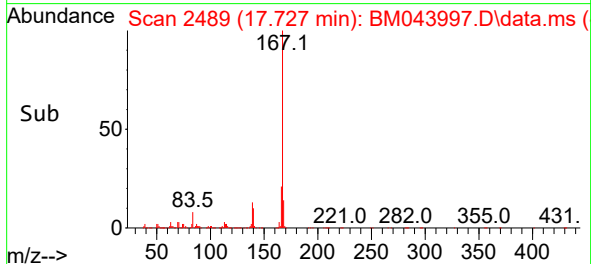
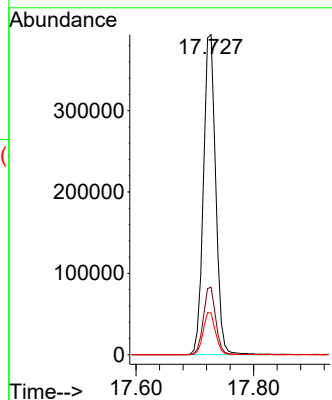
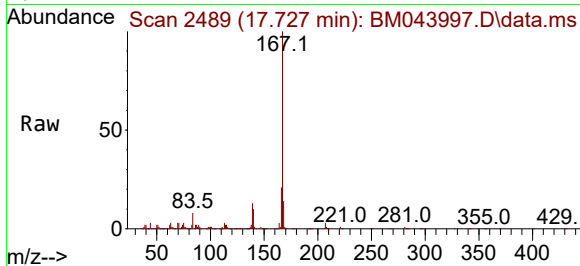




#73
 Carbazole
 Concen: 5.401 ng
 RT: 17.727 min Scan# 2489
 Delta R.T. 0.000 min
 Lab File: BM043997.D
 Acq: 06 Feb 2024 18:17

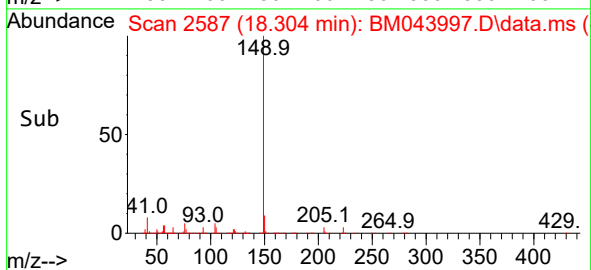
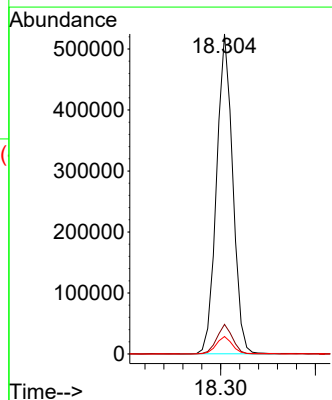
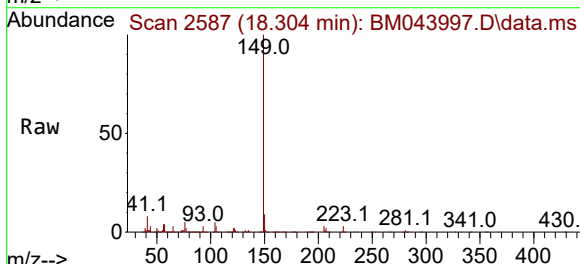
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT1-2024

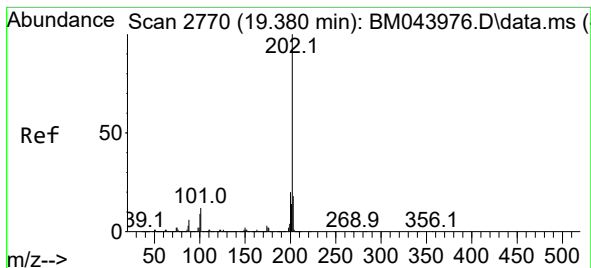
Tgt Ion:167 Resp: 572294
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.1 25.7
 139 13.1 10.6 15.8



#74
 Di-n-butylphthalate
 Concen: 5.370 ng
 RT: 18.304 min Scan# 2587
 Delta R.T. -0.005 min
 Lab File: BM043997.D
 Acq: 06 Feb 2024 18:17

Tgt Ion:149 Resp: 624004
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 5.5 4.1 6.1





#75

Fluoranthene

Concen: 5.607 ng

RT: 19.380 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM043997.D

Acq: 06 Feb 2024 18:17

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2024

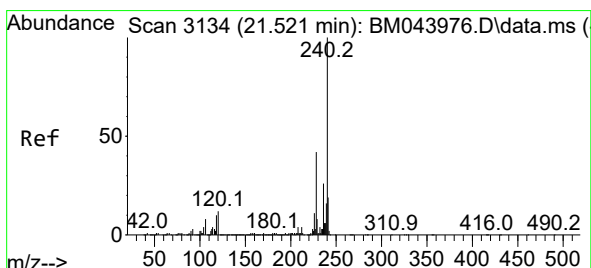
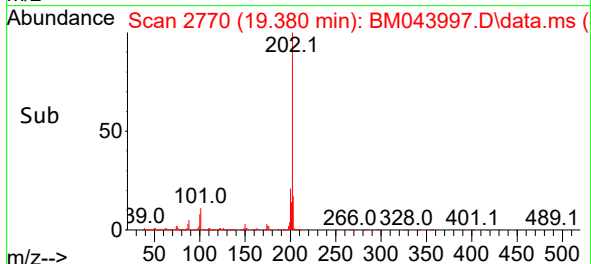
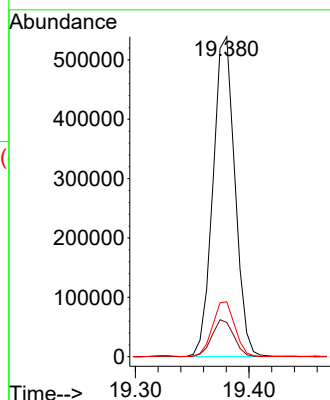
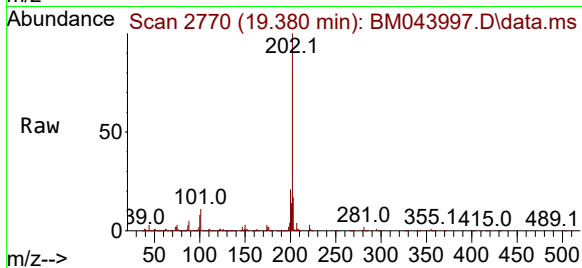
Tgt Ion:202 Resp: 724585

Ion Ratio Lower Upper

202 100

101 10.7 0.0 31.9

203 17.1 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: BM043997.D

Acq: 06 Feb 2024 18:17

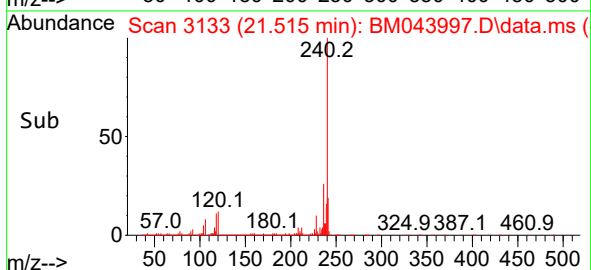
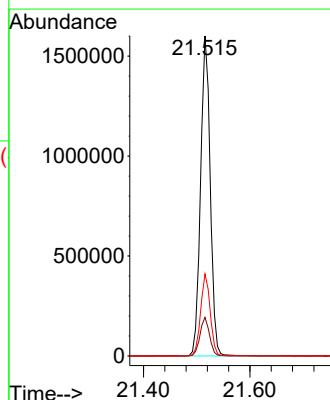
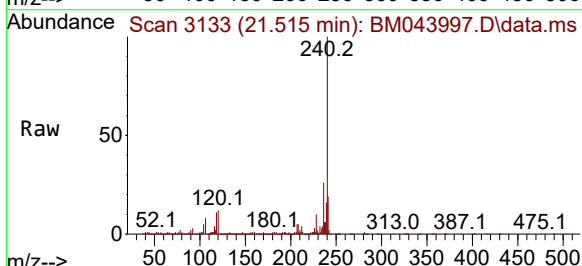
Tgt Ion:240 Resp: 2007000

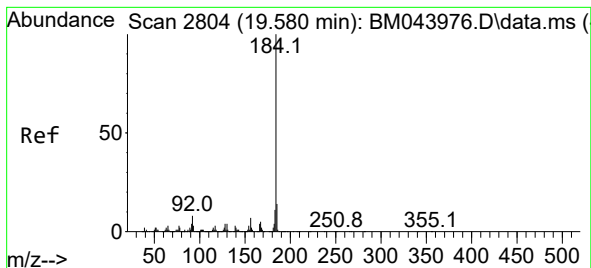
Ion Ratio Lower Upper

240 100

120 12.1 9.3 13.9

236 25.6 20.5 30.7





#77

Benzidine

Concen: 9.962 ng

RT: 19.574 min Scan# 2

Delta R.T. -0.006 min

Lab File: BM043997.D

Acq: 06 Feb 2024 18:17

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2024

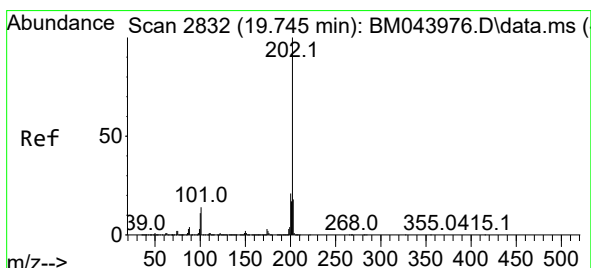
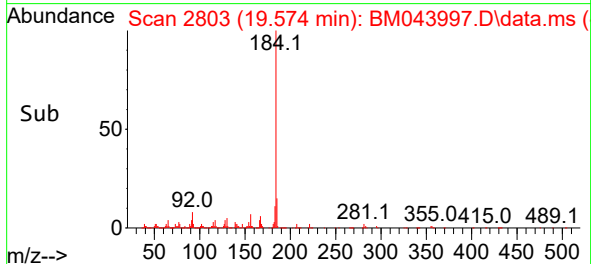
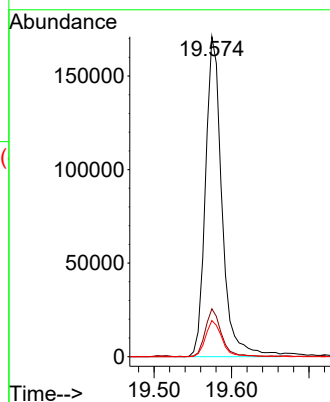
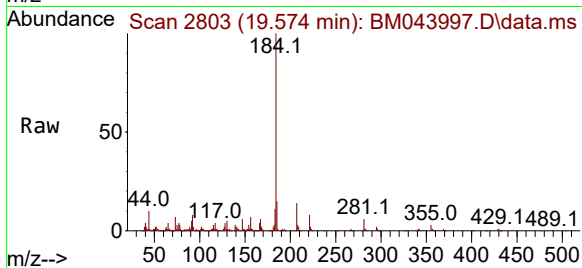
Tgt Ion:184 Resp: 253666

Ion Ratio Lower Upper

184 100

185 15.0 11.5 17.3

183 11.3 8.9 13.3



#78

Pyrene

Concen: 5.728 ng

RT: 19.739 min Scan# 2831

Delta R.T. -0.006 min

Lab File: BM043997.D

Acq: 06 Feb 2024 18:17

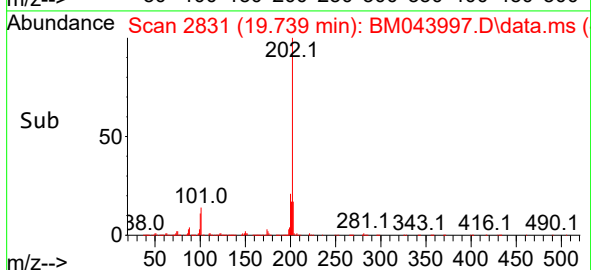
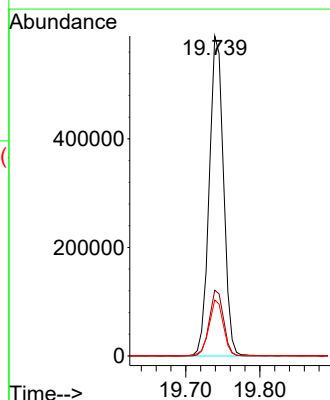
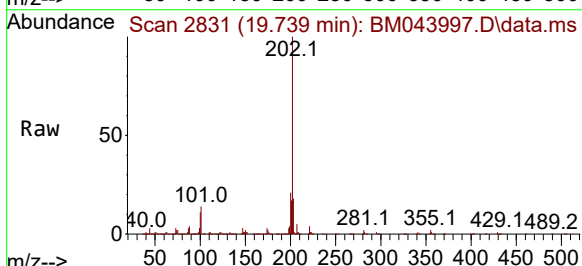
Tgt Ion:202 Resp: 790202

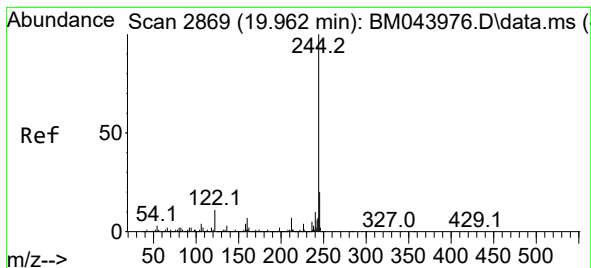
Ion Ratio Lower Upper

202 100

200 20.6 16.8 25.2

203 17.5 14.2 21.4





#79

Terphenyl-d14

Concen: 98.564 ng

RT: 19.957 min Scan# 2

Delta R.T. -0.005 min

Lab File: BM043997.D

Acq: 06 Feb 2024 18:17

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2024

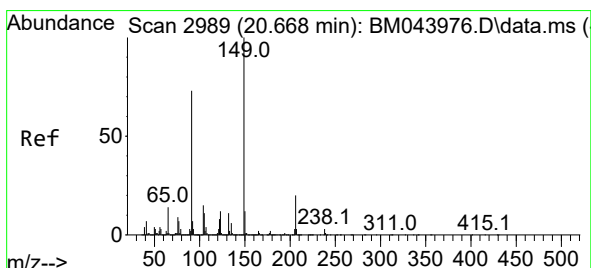
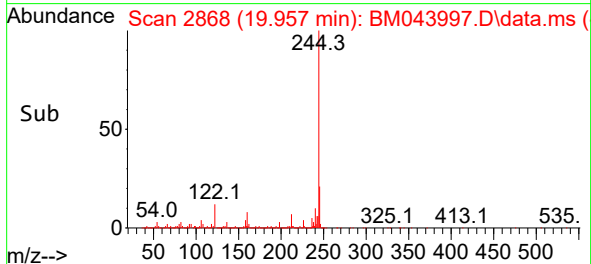
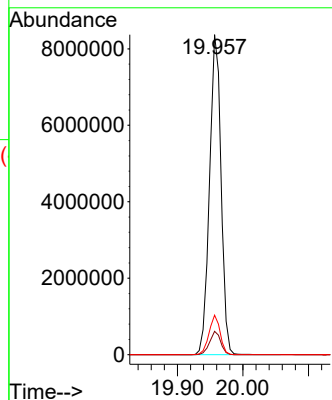
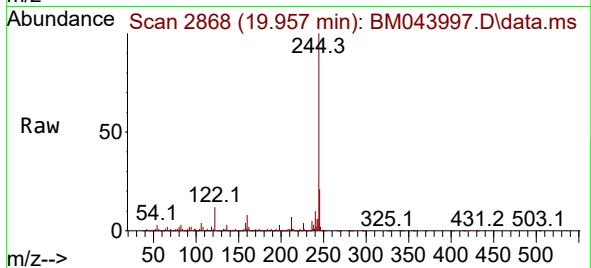
Tgt Ion:244 Resp:10247391

Ion Ratio Lower Upper

244 100

212 7.3 5.5 8.3

122 12.4 8.7 13.1



#80

Butylbenzylphthalate

Concen: 5.487 ng

RT: 20.663 min Scan# 2988

Delta R.T. -0.005 min

Lab File: BM043997.D

Acq: 06 Feb 2024 18:17

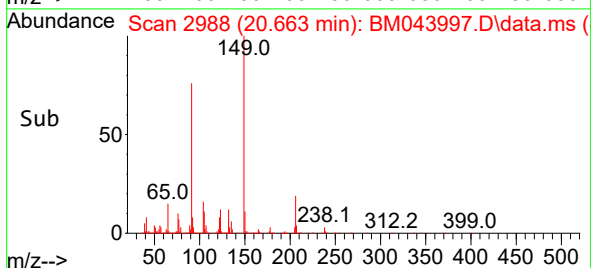
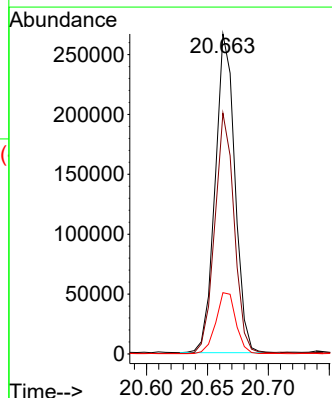
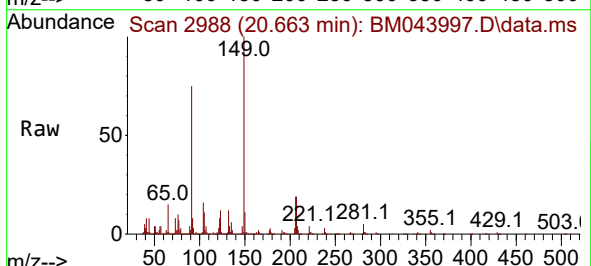
Tgt Ion:149 Resp: 299736

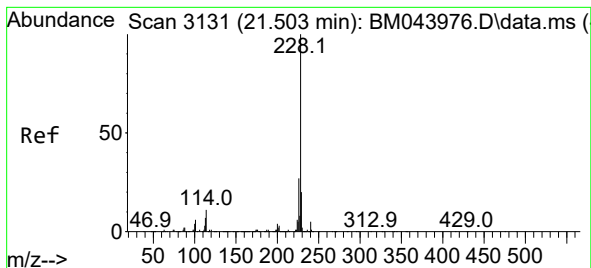
Ion Ratio Lower Upper

149 100

91 75.3 58.4 87.6

206 19.2 15.8 23.6





#81

Benzo(a)anthracene

Concen: 5.977 ng

RT: 21.504 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM043997.D

Acq: 06 Feb 2024 18:17

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2024

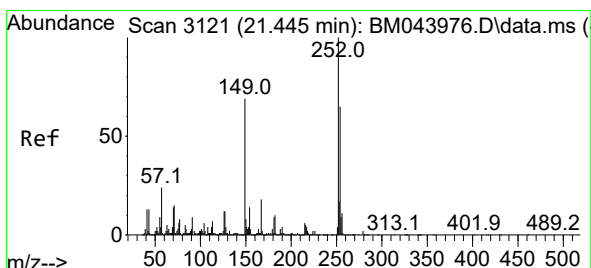
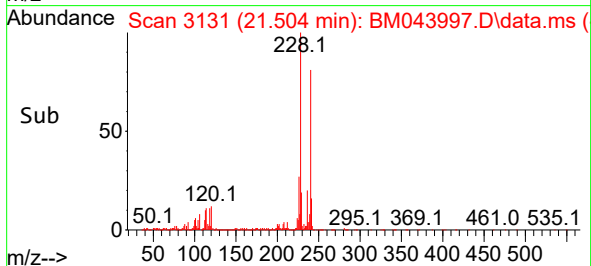
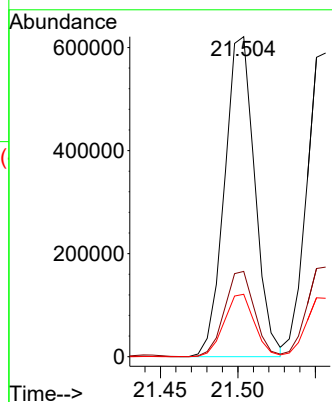
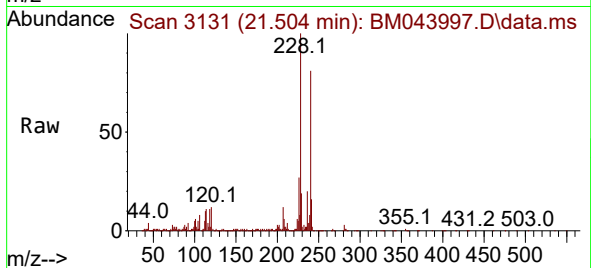
Tgt Ion:228 Resp: 841628

Ion Ratio Lower Upper

228 100

226 26.6 21.8 32.8

229 19.5 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 5.690 ng

RT: 21.439 min Scan# 3120

Delta R.T. -0.005 min

Lab File: BM043997.D

Acq: 06 Feb 2024 18:17

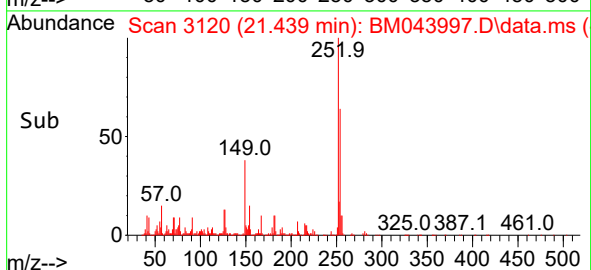
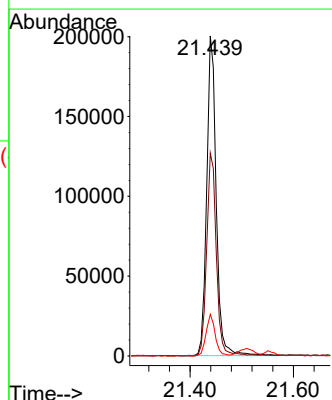
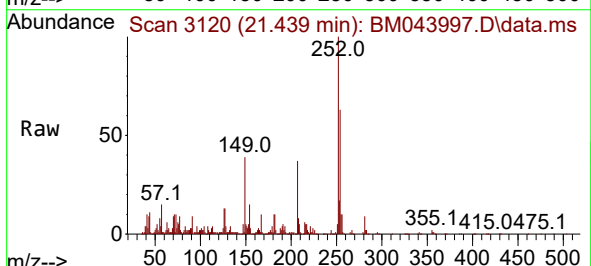
Tgt Ion:252 Resp: 256197

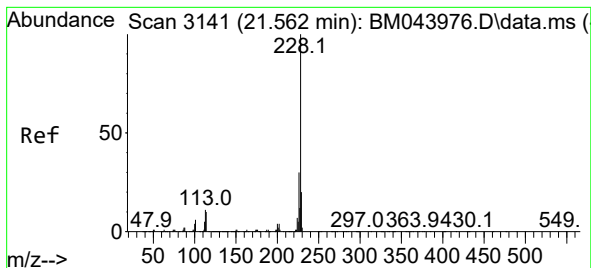
Ion Ratio Lower Upper

252 100

254 63.4 51.6 77.4

126 13.0 9.4 14.2





#83

Chrysene

Concen: 5.853 ng

RT: 21.557 min Scan# 31

Delta R.T. -0.005 min

Lab File: BM043997.D

Acq: 06 Feb 2024 18:17

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2024

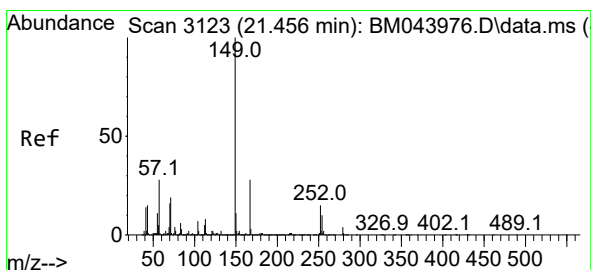
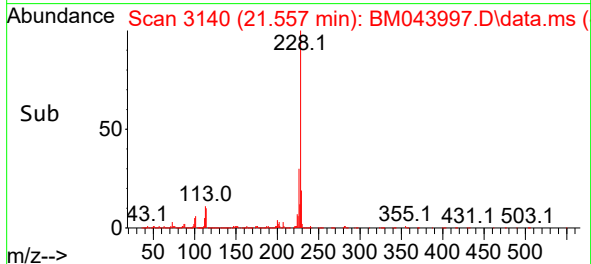
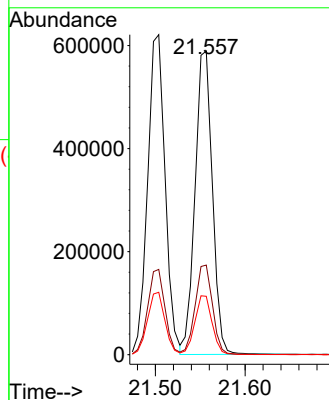
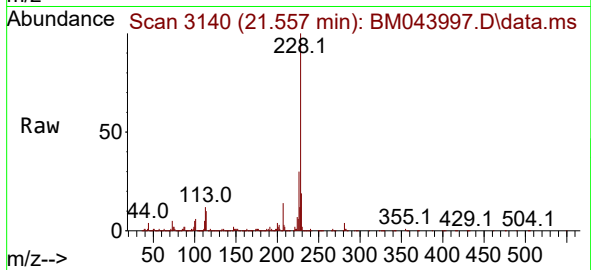
Tgt Ion:228 Resp: 789537

Ion Ratio Lower Upper

228 100

226 29.5 24.2 36.4

229 19.2 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 5.561 ng

RT: 21.451 min Scan# 3122

Delta R.T. -0.005 min

Lab File: BM043997.D

Acq: 06 Feb 2024 18:17

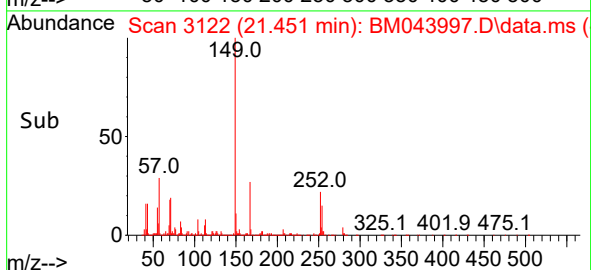
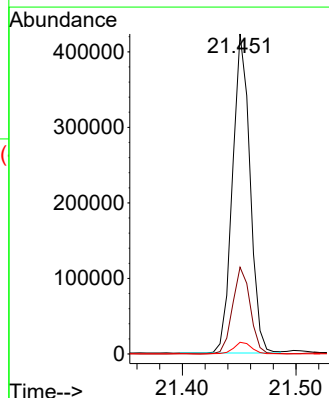
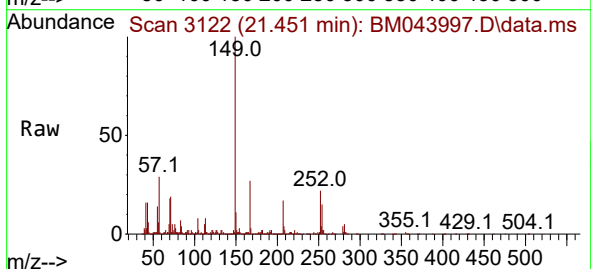
Tgt Ion:149 Resp: 451798

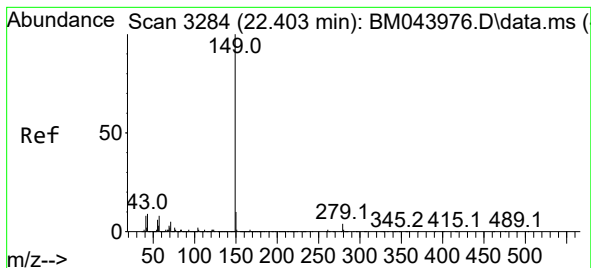
Ion Ratio Lower Upper

149 100

167 27.1 22.0 33.0

279 3.6 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 5.584 ng

RT: 22.398 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM043997.D

Acq: 06 Feb 2024 18:17

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2024

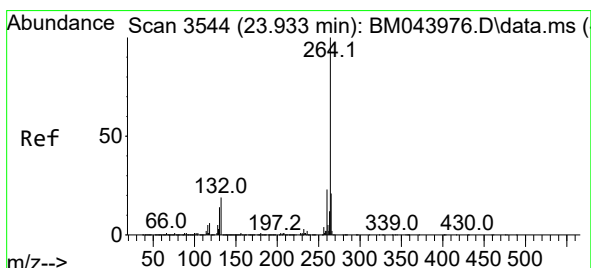
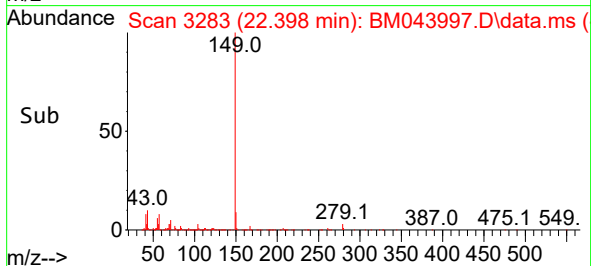
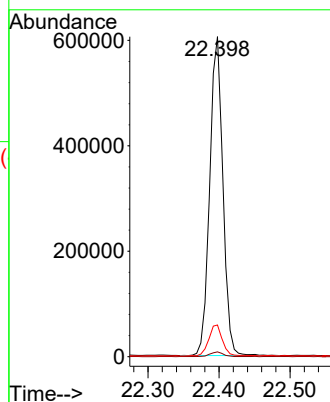
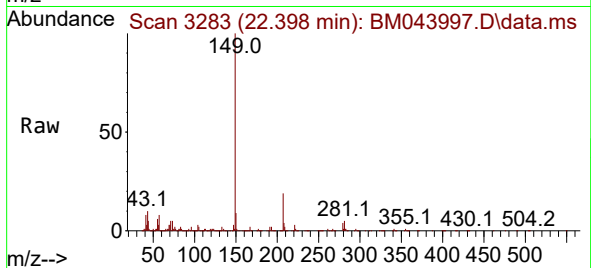
Tgt Ion:149 Resp: 781555

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 10.2 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: BM043997.D

Acq: 06 Feb 2024 18:17

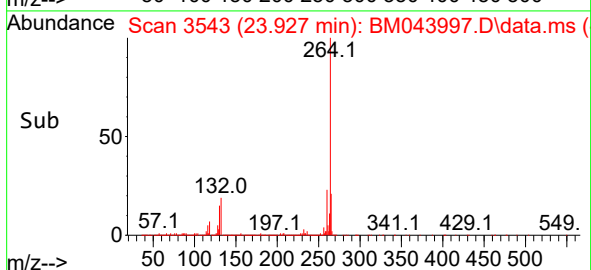
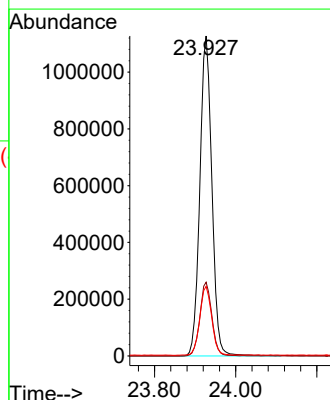
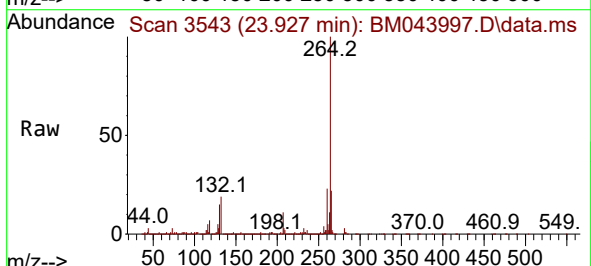
Tgt Ion:264 Resp: 2321010

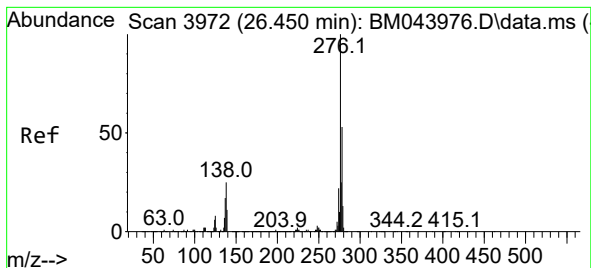
Ion Ratio Lower Upper

264 100

260 23.0 18.6 28.0

265 21.8 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 5.497 ng

RT: 26.421 min Scan# 3972

Delta R.T. -0.029 min

Lab File: BM043997.D

Acq: 06 Feb 2024 18:17

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2024

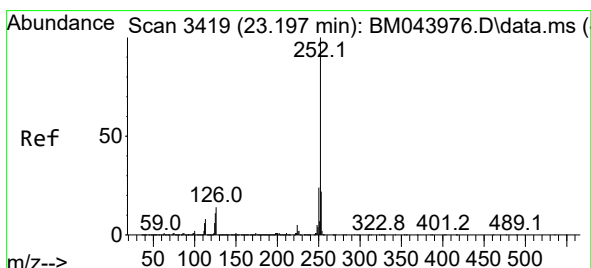
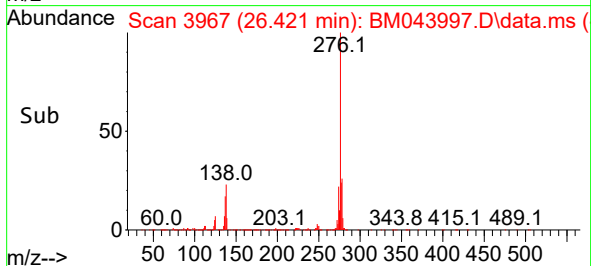
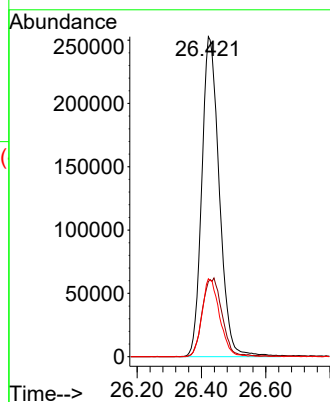
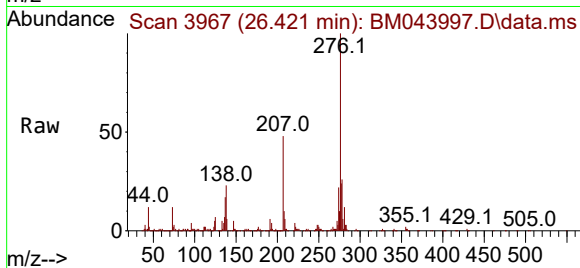
Tgt Ion:276 Resp: 954651

Ion Ratio Lower Upper

276 100

138 27.7 21.8 32.6

277 24.5 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 5.709 ng

RT: 23.192 min Scan# 3418

Delta R.T. -0.006 min

Lab File: BM043997.D

Acq: 06 Feb 2024 18:17

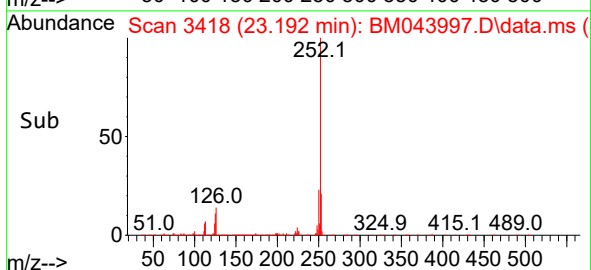
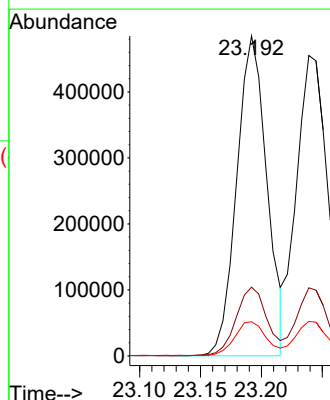
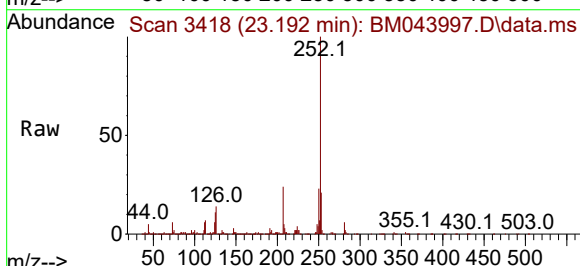
Tgt Ion:252 Resp: 833536

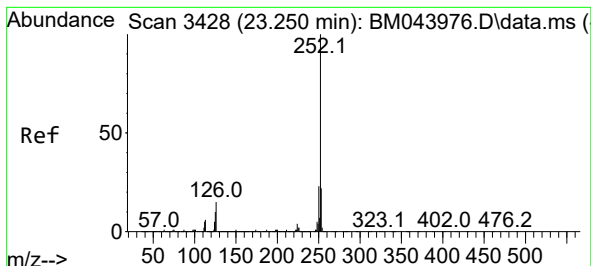
Ion Ratio Lower Upper

252 100

253 21.5 17.7 26.5

125 10.7 9.0 13.6





#89

Benzo(k)fluoranthene

Concen: 5.861 ng

RT: 23.239 min Scan# 34

Delta R.T. -0.011 min

Lab File: BM043997.D

Acq: 06 Feb 2024 18:17

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2024

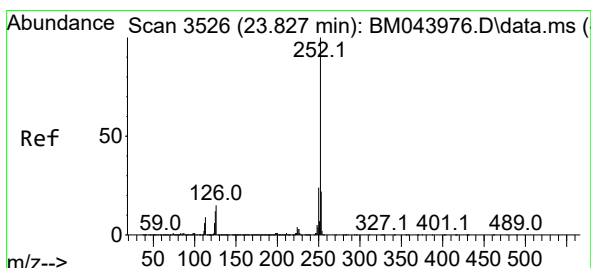
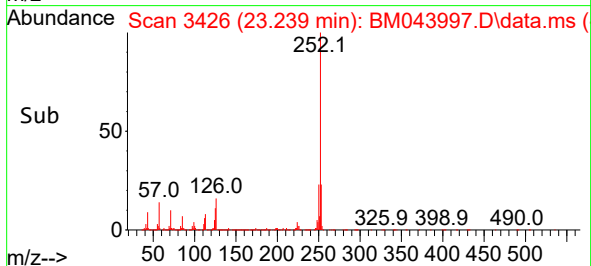
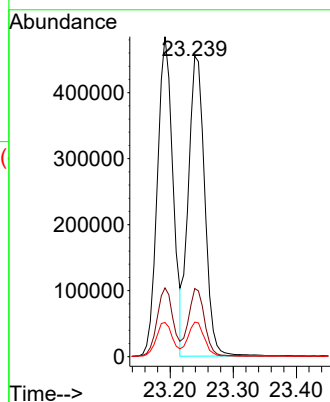
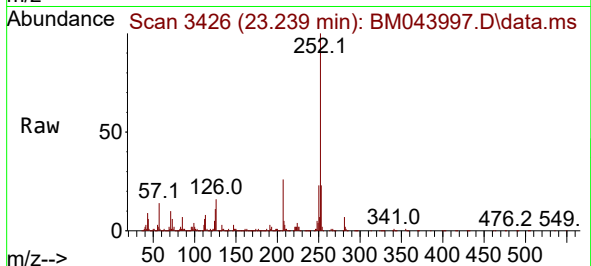
Tgt Ion:252 Resp: 820978

Ion Ratio Lower Upper

252 100

253 22.7 17.4 26.2

125 11.5 8.3 12.5



#90

Benzo(a)pyrene

Concen: 5.413 ng

RT: 23.815 min Scan# 3524

Delta R.T. -0.011 min

Lab File: BM043997.D

Acq: 06 Feb 2024 18:17

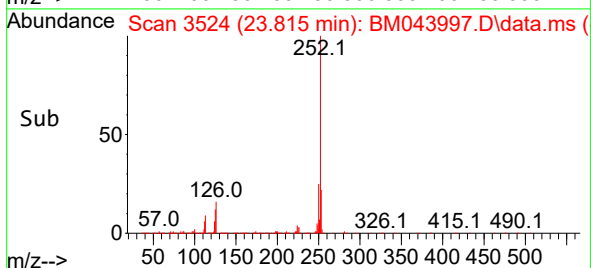
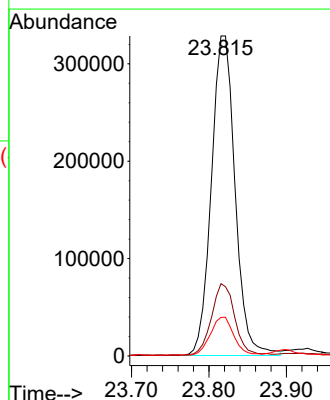
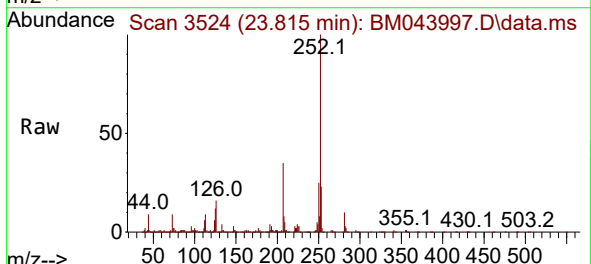
Tgt Ion:252 Resp: 698549

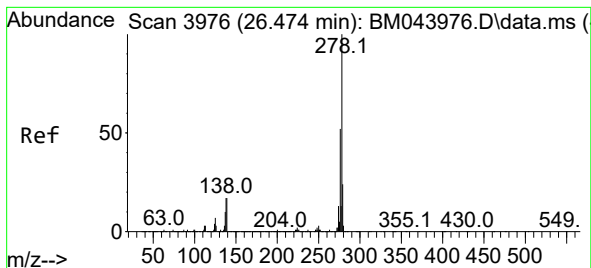
Ion Ratio Lower Upper

252 100

253 22.6 17.7 26.5

125 12.0 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 5.622 ng

RT: 26.456 min Scan# 3976

Delta R.T. -0.017 min

Lab File: BM043997.D

Acq: 06 Feb 2024 18:17

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2024

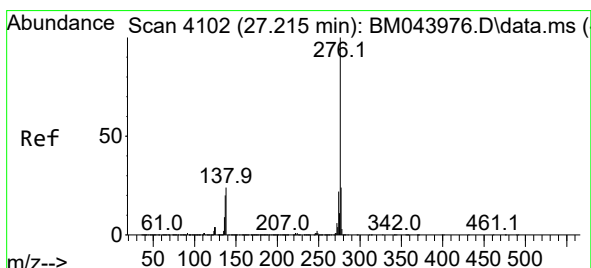
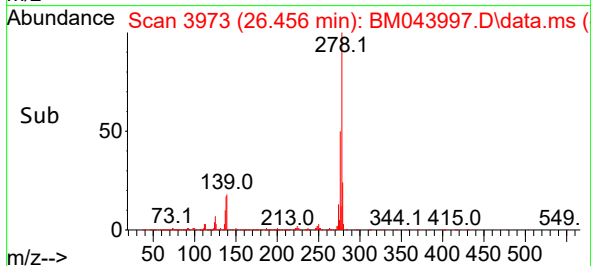
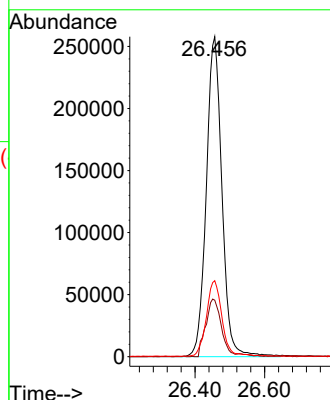
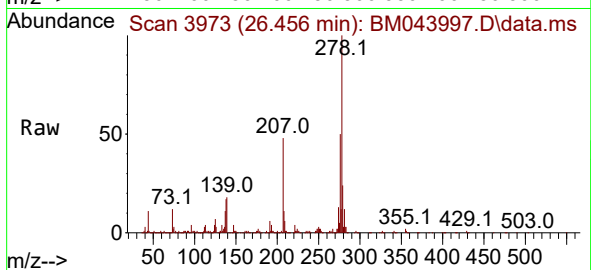
Tgt Ion:278 Resp: 805233

Ion Ratio Lower Upper

278 100

139 17.6 13.7 20.5

279 23.8 19.3 28.9



#92

Benzo(g,h,i)perylene

Concen: 5.289 ng

RT: 27.186 min Scan# 4097

Delta R.T. -0.029 min

Lab File: BM043997.D

Acq: 06 Feb 2024 18:17

Tgt Ion:276 Resp: 772668

Ion Ratio Lower Upper

276 100

277 24.6 19.0 28.4

138 23.1 18.8 28.2

