

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020624\
 Data File : BM043995.D
 Acq On : 06 Feb 2024 17:03
 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 03:09:58 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	338619	20.000	ng	0.00
21) Naphthalene-d8	10.728	136	1485940	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	926171	20.000	ng	0.00
64) Phenanthrene-d10	17.315	188	2029031	20.000	ng	0.00
76) Chrysene-d12	21.515	240	2223459	20.000	ng	0.00
86) Perylene-d12	23.927	264	2484688	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	2641493	115.197	ng	0.00
7) Phenol-d6	7.087	99	3433546	101.345	ng	0.00
23) Nitrobenzene-d5	9.092	82	2774877	90.020	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	1066891	94.499	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	6293330	93.368	ng	0.00
79) Terphenyl-d14	19.956	244	10915583	94.770	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.399	88	55650	6.280	ng	99
3) Pyridine	3.799	79	128610	4.769	ng	96
4) n-Nitrosodimethylamine	3.722	42	54004	4.658	ng	# 97
6) Aniline	7.251	93	180030	5.341	ng	98
8) 2-Chlorophenol	7.481	128	114148	4.484	ng	96
9) Benzaldehyde	7.069	77	118320	3.174	ng	98
10) Phenol	7.110	94	164531	4.884	ng	90
11) bis(2-Chloroethyl)ether	7.357	93	132312	5.011	ng	96
12) 1,3-Dichlorobenzene	7.804	146	137446	5.000	ng	97
13) 1,4-Dichlorobenzene	7.957	146	138524	4.983	ng	97
14) 1,2-Dichlorobenzene	8.269	146	134273	4.898	ng	97
15) Benzyl Alcohol	8.169	79	105157	4.528	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.463	45	178795	5.050	ng	97
17) 2-Methylphenol	8.369	107	94710	4.398	ng	98
18) Hexachloroethane	8.992	117	51780	4.964	ng	94
19) n-Nitroso-di-n-propyla...	8.734	70	101450	4.551	ng	100
20) 3+4-Methylphenols	8.692	107	127900	4.208	ng	98
22) Acetophenone	8.751	105	202022	5.018	ng	97
24) Nitrobenzene	9.134	77	158886	5.137	ng	99
25) Isophorone	9.657	82	255776	4.457	ng	99
26) 2-Nitrophenol	9.839	139	48409	3.873	ng	97
27) 2,4-Dimethylphenol	9.904	122	84930	4.948	ng	98
28) bis(2-Chloroethoxy)met...	10.151	93	179256	5.115	ng	99
29) 2,4-Dichlorophenol	10.369	162	95725	4.373	ng	97
30) 1,2,4-Trichlorobenzene	10.586	180	122519	4.955	ng	98
31) Naphthalene	10.775	128	406719	4.911	ng	99
32) Benzoic acid	9.963	122	39847	8.501	ng	96
33) 4-Chloroaniline	10.892	127	169240	4.971	ng	99
34) Hexachlorobutadiene	11.051	225	65515	4.858	ng	97
35) Caprolactam	11.657	113	30913	3.444	ng	98
36) 4-Chloro-3-methylphenol	12.010	107	114358	4.266	ng	98
37) 2-Methylnaphthalene	12.386	142	275428	4.769	ng	100
38) 1-Methylnaphthalene	12.604	142	275167	4.772	ng	99
40) 1,2,4,5-Tetrachloroben...	12.751	216	136901	5.212	ng	99
41) Hexachlorocyclopentadiene	12.722	237	45020	5.211	ng	99
43) 2,4,6-Trichlorophenol	12.998	196	74335	4.187	ng	99

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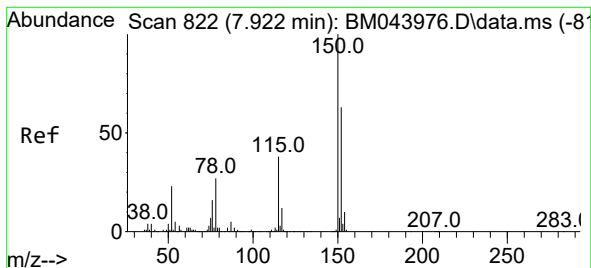
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.063	196	85699	4.231	ng	98
46) 1,1'-Biphenyl	13.404	154	373903	5.134	ng	98
47) 2-Chloronaphthalene	13.439	162	286245	4.928	ng	99
48) 2-Nitroaniline	13.651	65	73044	3.867	ng	92
49) Acenaphthylene	14.286	152	449097	5.058	ng	99
50) Dimethylphthalate	14.033	163	358141	4.978	ng	99
51) 2,6-Dinitrotoluene	14.151	165	65218	4.124	ng	95
52) Acenaphthene	14.627	154	272941	4.849	ng	99
53) 3-Nitroaniline	14.480	138	71002	3.868	ng #	97
54) 2,4-Dinitrophenol	14.680	184	20000	9.270	ng	99
55) Dibenzofuran	14.963	168	452645	5.168	ng	99
56) 4-Nitrophenol	14.780	139	52580	3.277	ng	97
57) 2,4-Dinitrotoluene	14.933	165	77352	3.514	ng	93
58) Fluorene	15.616	166	367362	4.966	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.186	232	76777	4.397	ng	97
60) Diethylphthalate	15.398	149	348099	4.674	ng	99
61) 4-Chlorophenyl-phenyle...	15.616	204	173177	5.018	ng	100
62) 4-Nitroaniline	15.639	138	71389	3.557	ng	100
63) Azobenzene	15.910	77	348969	4.691	ng	98
65) 4,6-Dinitro-2-methylph...	15.692	198	32049	8.426	ng	89
66) n-Nitrosodiphenylamine	15.833	169	301535	4.989	ng	98
67) 4-Bromophenyl-phenylether	16.510	248	64656	3.235	ng	94
68) Hexachlorobenzene	16.610	284	116573	4.891	ng	98
69) Atrazine	16.786	200	92920	5.557	ng	98
70) Pentachlorophenol	16.957	266	47961	3.065	ng	93
71) Phenanthrene	17.357	178	583796	5.166	ng	99
72) Anthracene	17.451	178	542988	4.908	ng	99
73) Carbazole	17.727	167	523506	4.569	ng	100
74) Di-n-butylphthalate	18.304	149	552439	4.396	ng	99
75) Fluoranthene	19.380	202	653298	4.674	ng	100
77) Benzidine	19.574	184	232151	8.229	ng	99
78) Pyrene	19.739	202	713343	4.667	ng	99
80) Butylbenzylphthalate	20.662	149	286068	4.727	ng	97
81) Benzo(a)anthracene	21.497	228	782349	5.015	ng	99
82) 3,3'-Dichlorobenzidine	21.439	252	242839	4.869	ng	99
83) Chrysene	21.550	228	739285	4.947	ng	99
84) Bis(2-ethylhexyl)phtha...	21.450	149	398162	4.424	ng	99
85) Di-n-octyl phthalate	22.397	149	614750	3.965	ng	99
87) Indeno(1,2,3-cd)pyrene	26.421	276	870481	4.682	ng	99
88) Benzo(b)fluoranthene	23.192	252	755945	4.837	ng	100
89) Benzo(k)fluoranthene	23.239	252	734549	4.899	ng	99
90) Benzo(a)pyrene	23.815	252	626847	4.537	ng	99
91) Dibenzo(a,h)anthracene	26.450	278	727927	4.747	ng	99
92) Benzo(g,h,i)perylene	27.191	276	706653	4.518	ng	100

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

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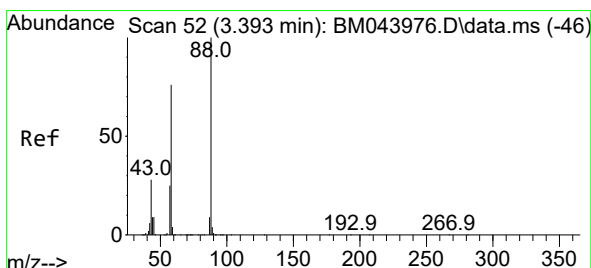
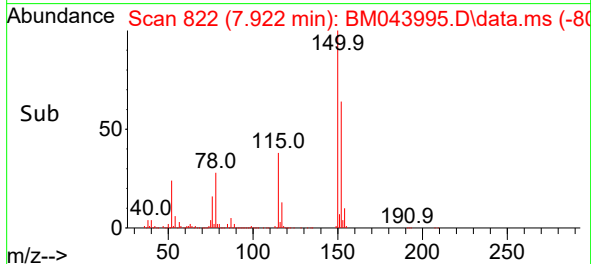
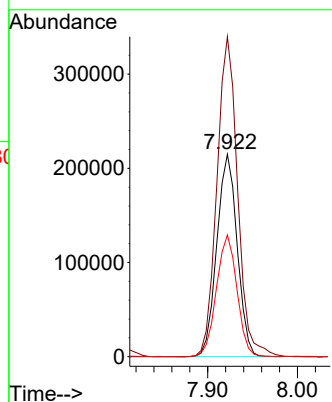
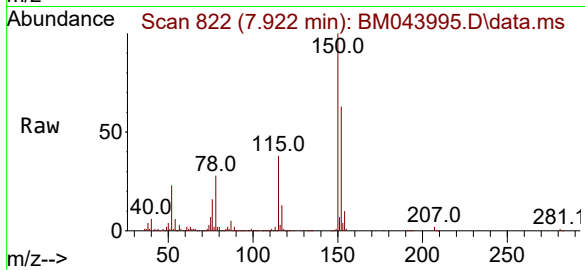
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.922 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BM043995.D
 Acq: 06 Feb 2024 17:03

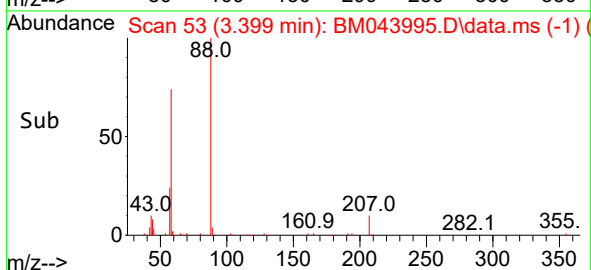
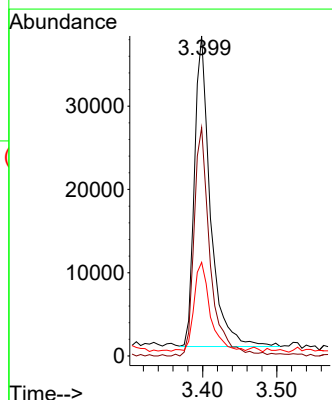
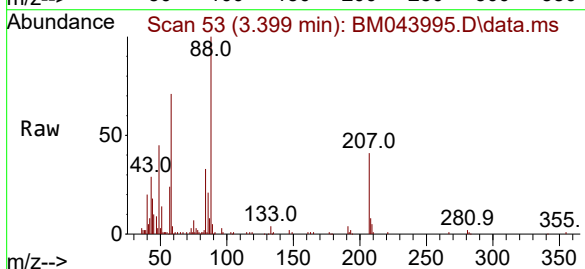
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT1-2024

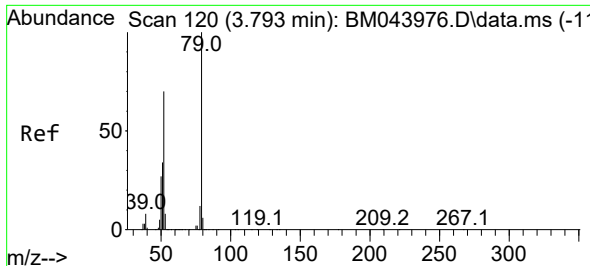
Tgt Ion:152 Resp: 338619
 Ion Ratio Lower Upper
 152 100
 150 158.1 126.1 189.1
 115 60.1 48.2 72.2



#2
 1,4-Dioxane
 Concen: 6.280 ng
 RT: 3.399 min Scan# 53
 Delta R.T. 0.006 min
 Lab File: BM043995.D
 Acq: 06 Feb 2024 17:03

Tgt Ion: 88 Resp: 55650
 Ion Ratio Lower Upper
 88 100
 58 75.0 61.0 91.6
 43 28.9 23.0 34.6

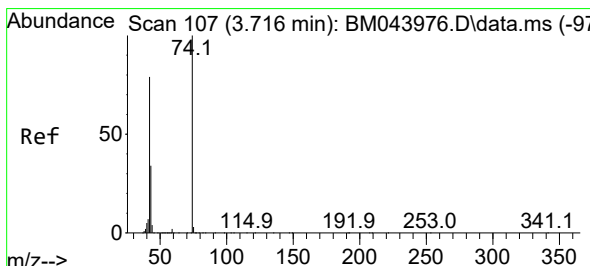
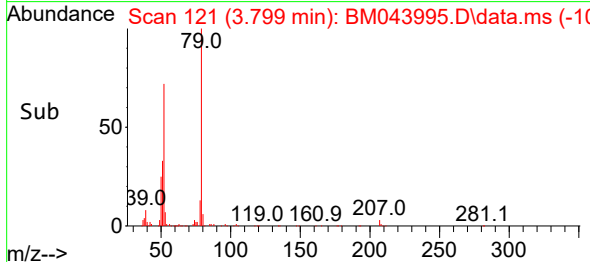
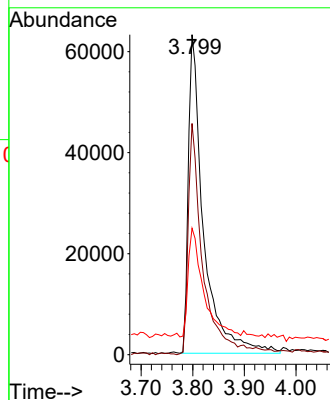
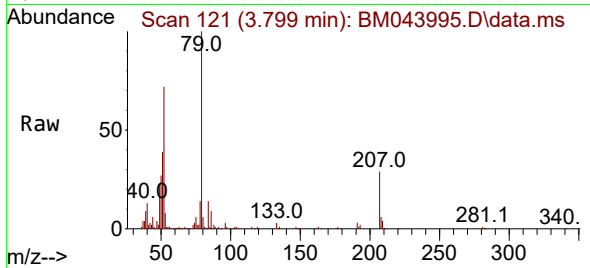




#3
 Pyridine
 Concen: 4.769 ng
 RT: 3.799 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BM043995.D
 Acq: 06 Feb 2024 17:03

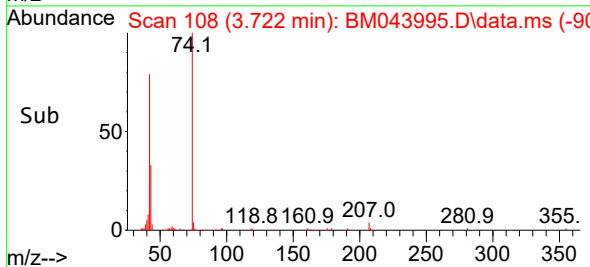
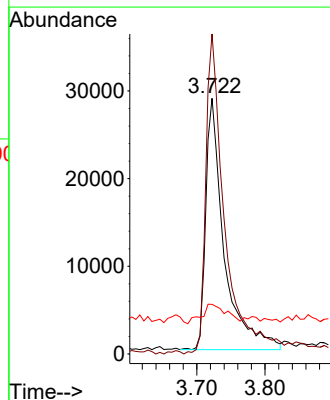
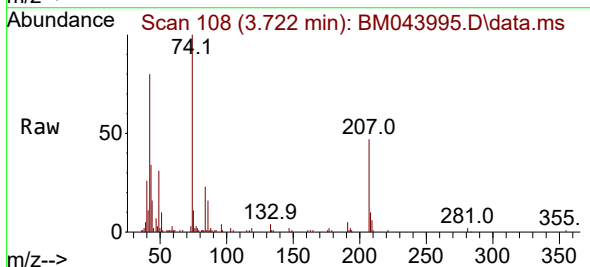
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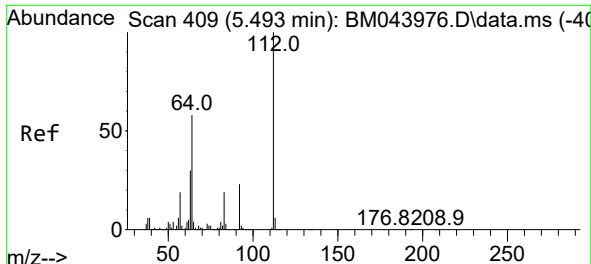
Tgt Ion: 79 Resp: 128610
 Ion Ratio Lower Upper
 79 100
 52 72.2 55.9 83.9
 51 39.5 28.2 42.2



#4
 n-Nitrosodimethylamine
 Concen: 4.658 ng
 RT: 3.722 min Scan# 108
 Delta R.T. 0.006 min
 Lab File: BM043995.D
 Acq: 06 Feb 2024 17:03

Tgt Ion: 42 Resp: 54004
 Ion Ratio Lower Upper
 42 100
 74 125.1 100.7 151.1
 44 19.4 7.3 10.9#

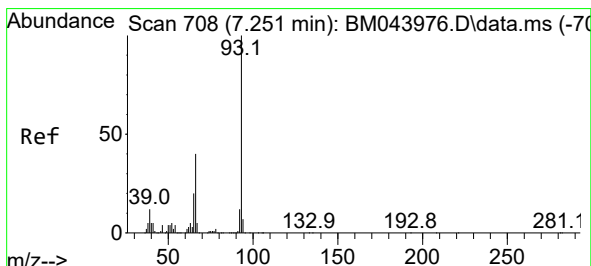
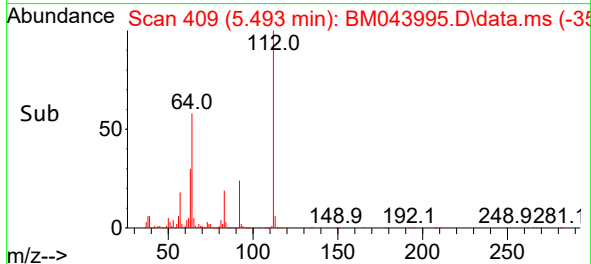
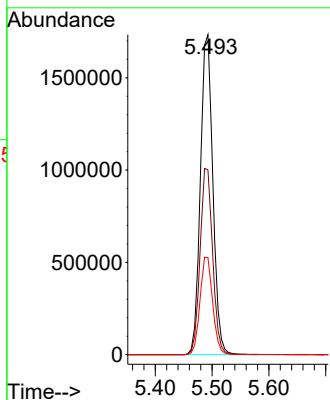
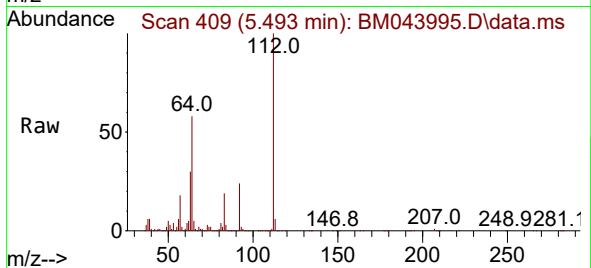




#5
2-Fluorophenol
Concen: 115.197 ng
RT: 5.493 min Scan# 409
Delta R.T. -0.000 min
Lab File: BM043995.D
Acq: 06 Feb 2024 17:03

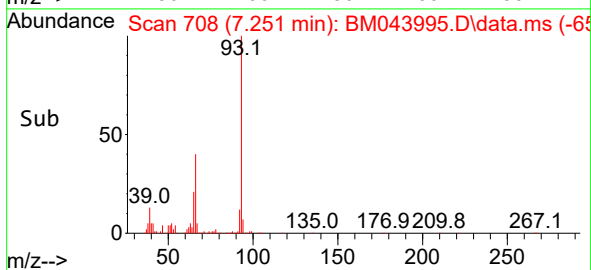
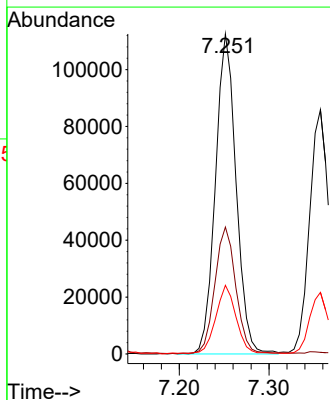
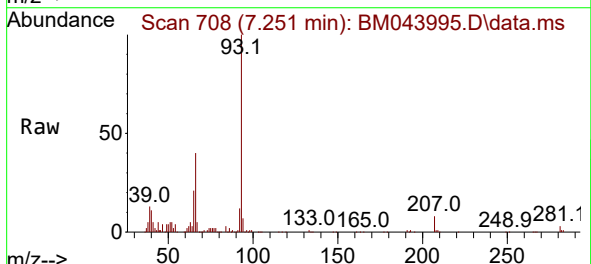
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ClientSampleId :
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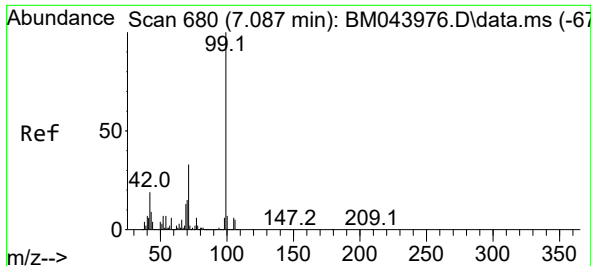
Tgt Ion:112 Resp: 2641493
Ion Ratio Lower Upper
112 100
64 57.8 46.6 70.0
63 30.3 24.2 36.4



#6
Aniline
Concen: 5.341 ng
RT: 7.251 min Scan# 708
Delta R.T. 0.000 min
Lab File: BM043995.D
Acq: 06 Feb 2024 17:03

Tgt Ion: 93 Resp: 180030
Ion Ratio Lower Upper
93 100
66 39.7 32.2 48.2
65 21.5 15.8 23.8

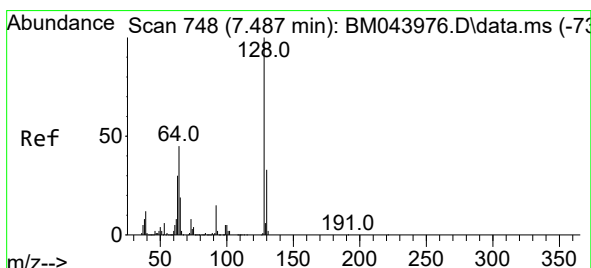
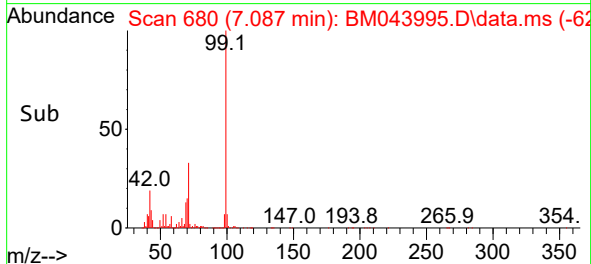
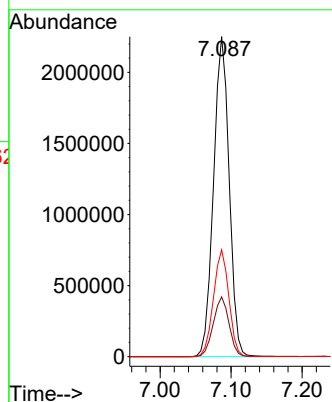
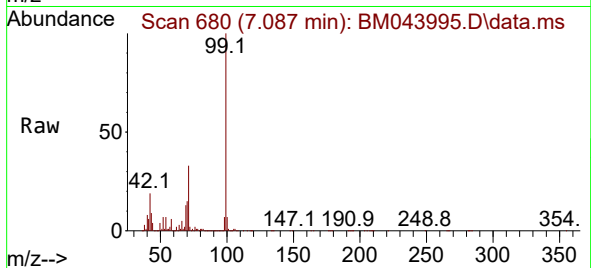




#7
Phenol-d6
Concen: 101.345 ng
RT: 7.087 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM043995.D
Acq: 06 Feb 2024 17:03

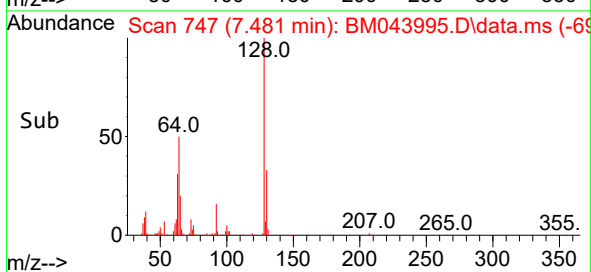
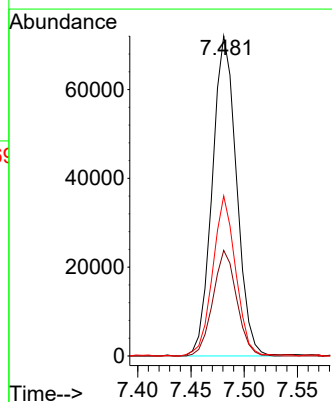
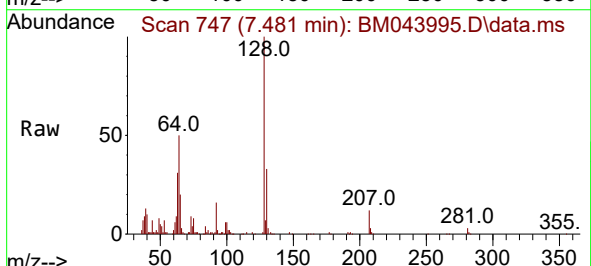
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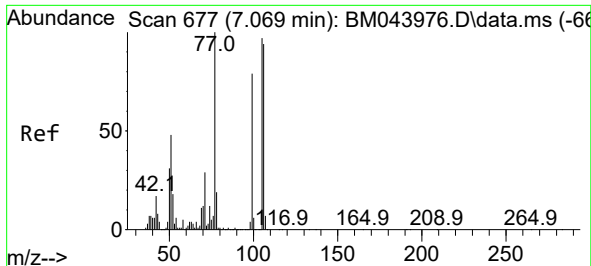
Tgt Ion: 99 Resp: 3433546
Ion Ratio Lower Upper
99 100
42 18.7 14.9 22.3
71 33.4 26.3 39.5



#8
2-Chlorophenol
Concen: 4.484 ng
RT: 7.481 min Scan# 747
Delta R.T. -0.006 min
Lab File: BM043995.D
Acq: 06 Feb 2024 17:03

Tgt Ion:128 Resp: 114148
Ion Ratio Lower Upper
128 100
130 33.0 12.9 52.9
64 50.0 25.6 65.6

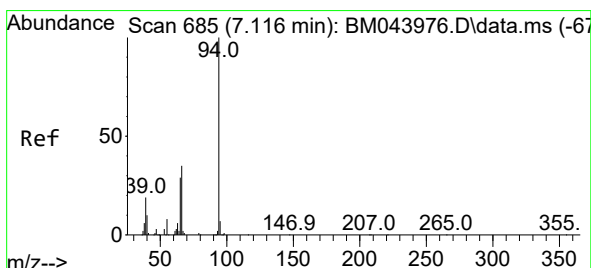
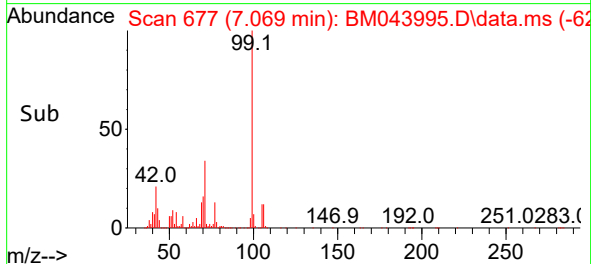
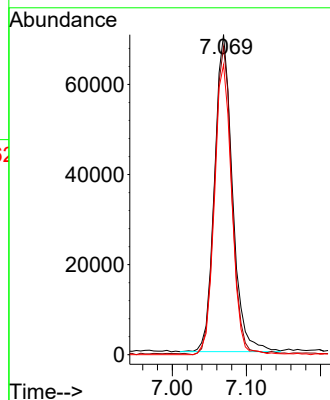
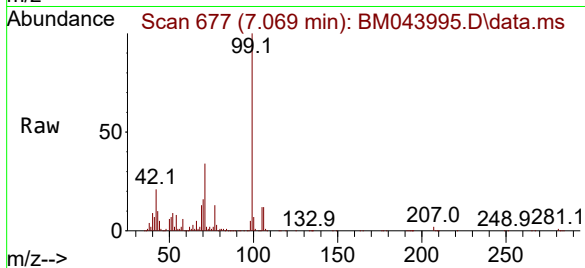




#9
Benzaldehyde
Concen: 3.174 ng
RT: 7.069 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM043995.D
Acq: 06 Feb 2024 17:03

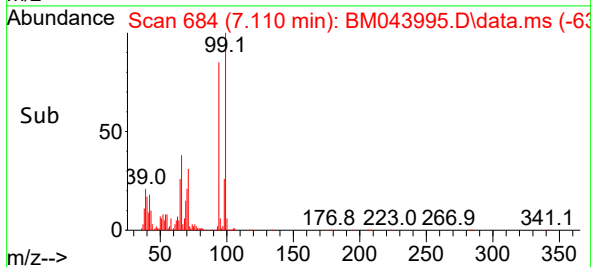
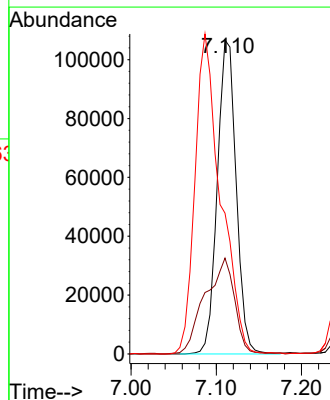
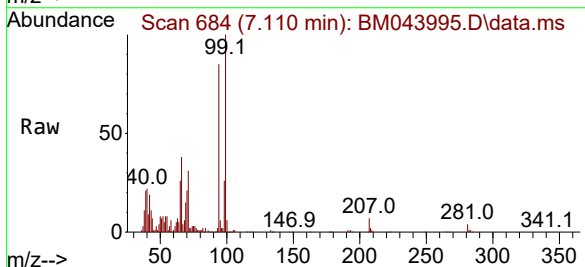
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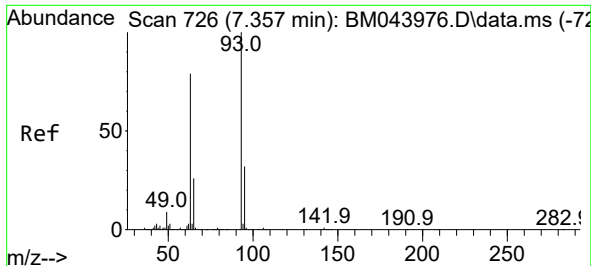
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Ion Ratio Lower Upper
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106 90.6 73.5 113.5



#10
Phenol
Concen: 4.884 ng
RT: 7.110 min Scan# 684
Delta R.T. -0.006 min
Lab File: BM043995.D
Acq: 06 Feb 2024 17:03

Tgt Ion: 94 Resp: 164531
Ion Ratio Lower Upper
94 100
65 30.5 9.3 49.3
66 44.9 15.7 55.7

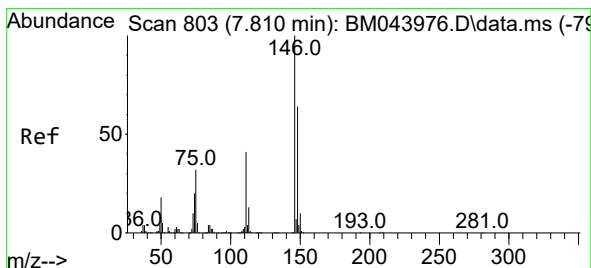
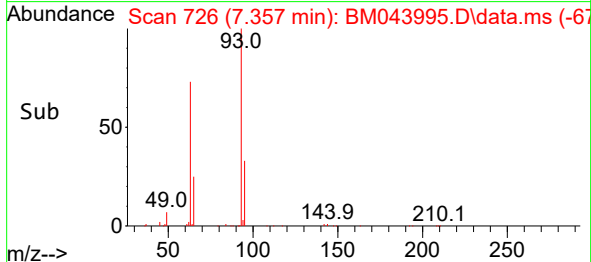
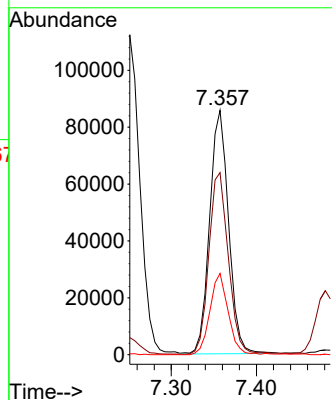
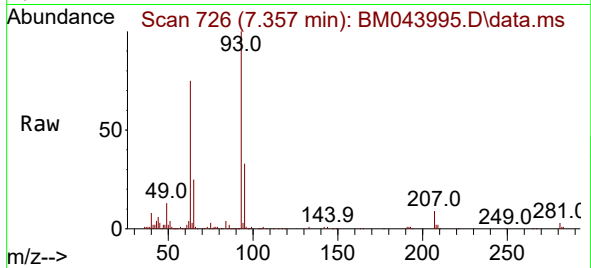




#11
bis(2-Chloroethyl)ether
Concen: 5.011 ng
RT: 7.357 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM043995.D
Acq: 06 Feb 2024 17:03

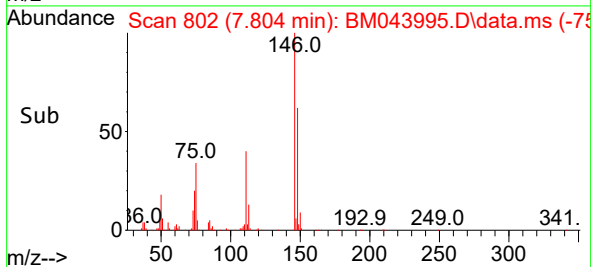
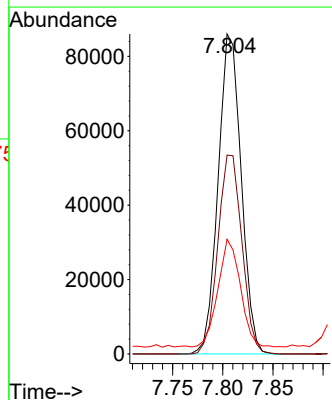
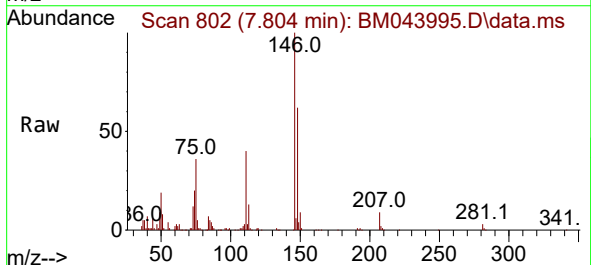
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2024

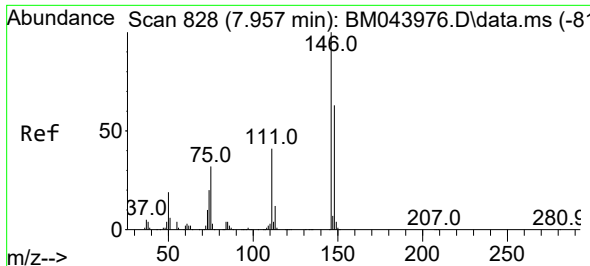
Tgt Ion:	93	Resp:	132312
Ion	Ratio	Lower	Upper
93	100		
63	74.5	59.0	99.0
95	33.3	11.9	51.9



#12
1,3-Dichlorobenzene
Concen: 5.000 ng
RT: 7.804 min Scan# 802
Delta R.T. -0.006 min
Lab File: BM043995.D
Acq: 06 Feb 2024 17:03

Tgt Ion:	146	Resp:	137446
Ion	Ratio	Lower	Upper
146	100		
148	62.2	51.0	76.6
75	35.9	26.1	39.1

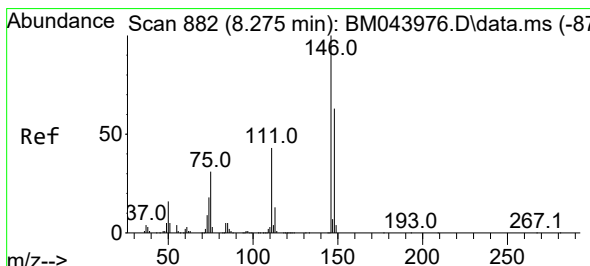
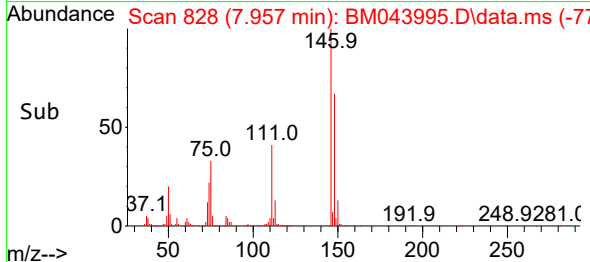
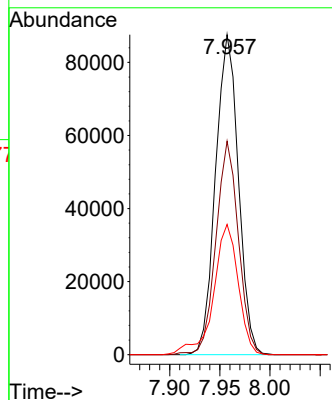
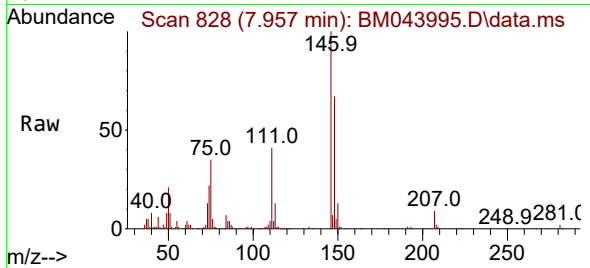




#13
1,4-Dichlorobenzene
Concen: 4.983 ng
RT: 7.957 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM043995.D
Acq: 06 Feb 2024 17:03

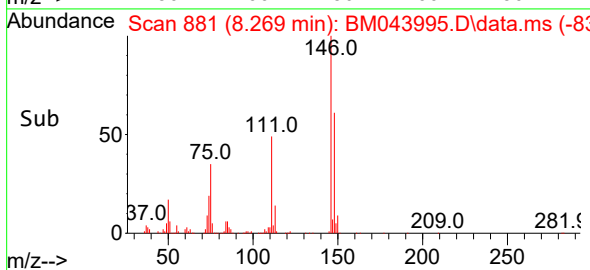
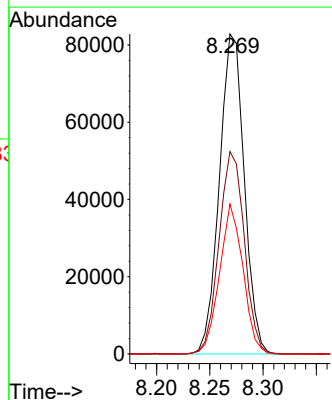
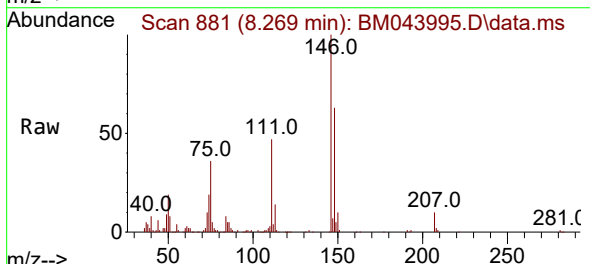
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2024

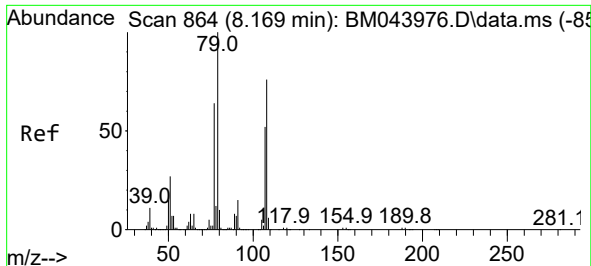
Tgt Ion:146 Resp: 138524
Ion Ratio Lower Upper
146 100
148 66.7 50.7 76.1
111 40.7 32.6 49.0



#14
1,2-Dichlorobenzene
Concen: 4.898 ng
RT: 8.269 min Scan# 881
Delta R.T. -0.006 min
Lab File: BM043995.D
Acq: 06 Feb 2024 17:03

Tgt Ion:146 Resp: 134273
Ion Ratio Lower Upper
146 100
148 63.2 50.3 75.5
111 46.8 34.3 51.5

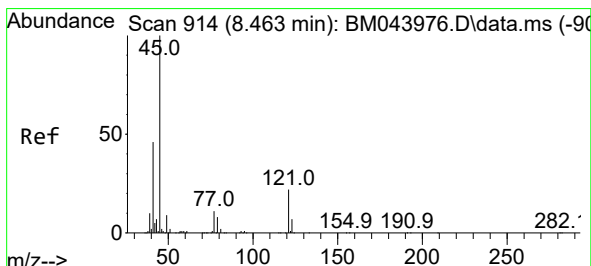
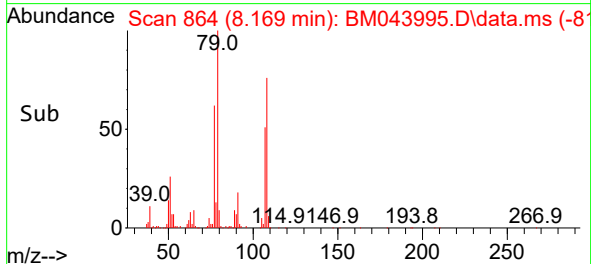
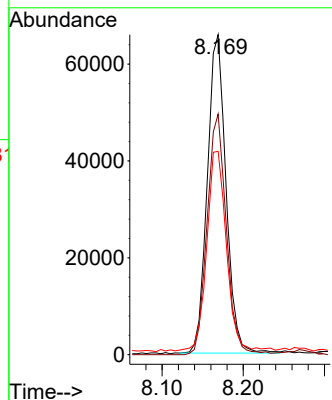
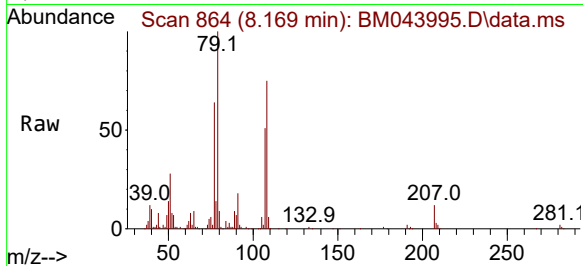




#15
Benzyl Alcohol
Concen: 4.528 ng
RT: 8.169 min Scan# 864
Delta R.T. 0.000 min
Lab File: BM043995.D
Acq: 06 Feb 2024 17:03

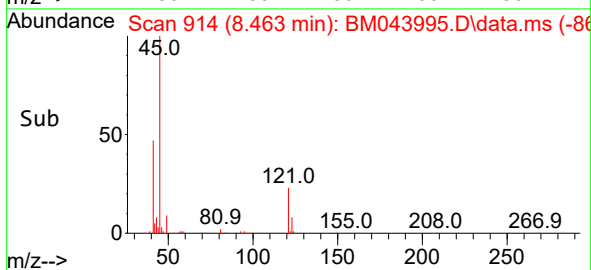
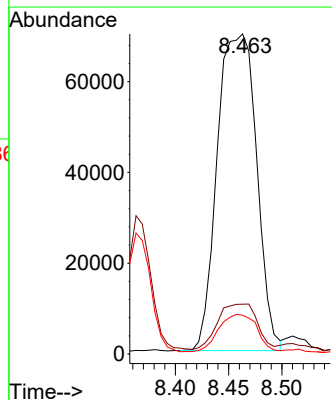
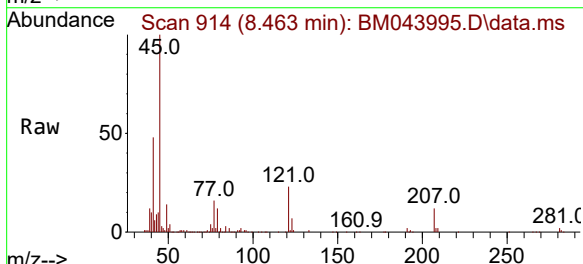
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2024

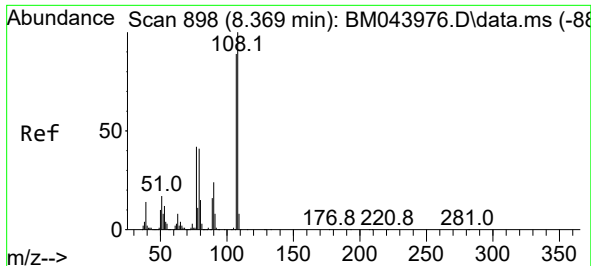
Tgt Ion: 79 Resp: 105157
Ion Ratio Lower Upper
79 100
108 75.2 60.7 91.1
77 63.5 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.050 ng
RT: 8.463 min Scan# 914
Delta R.T. 0.000 min
Lab File: BM043995.D
Acq: 06 Feb 2024 17:03

Tgt Ion: 45 Resp: 178795
Ion Ratio Lower Upper
45 100
77 15.5 0.0 34.4
79 12.1 0.0 31.2

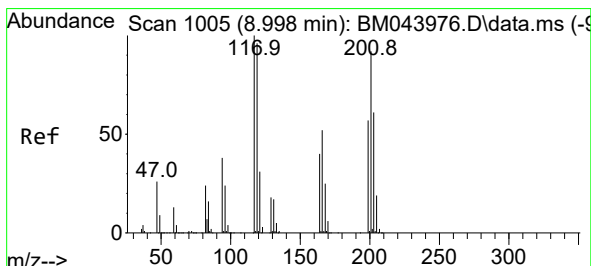
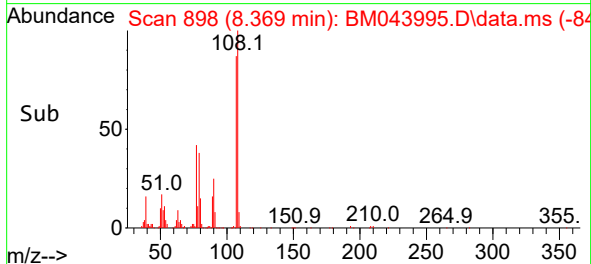
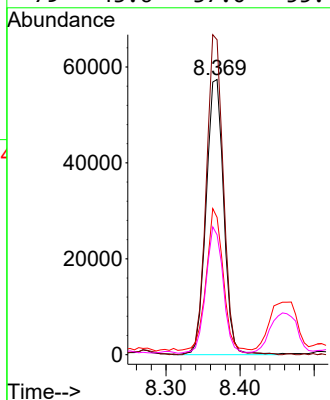
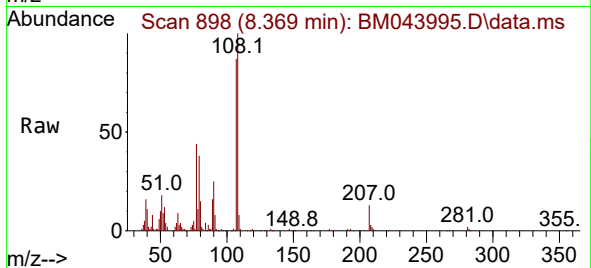




#17
2-Methylphenol
Concen: 4.398 ng
RT: 8.369 min Scan# 898
Delta R.T. 0.000 min
Lab File: BM043995.D
Acq: 06 Feb 2024 17:03

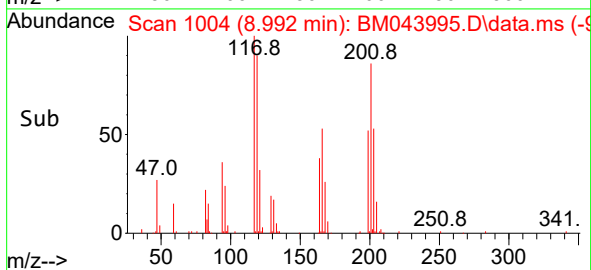
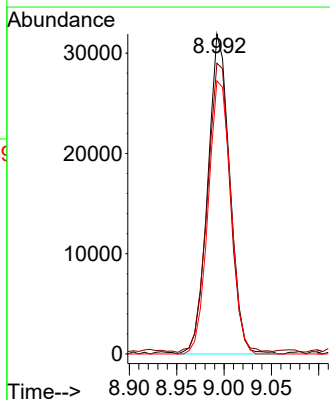
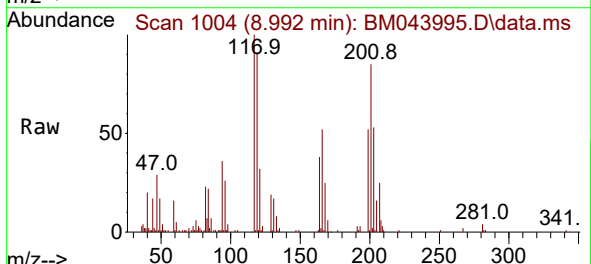
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2024

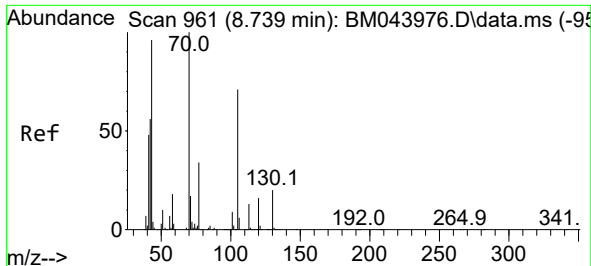
Tgt Ion:	107	Resp:	94710
Ion	Ratio	Lower	Upper
107	100		
108	114.4	90.4	135.6
77	49.9	38.0	57.0
79	43.6	37.0	55.4



#18
Hexachloroethane
Concen: 4.964 ng
RT: 8.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BM043995.D
Acq: 06 Feb 2024 17:03

Tgt Ion:	117	Resp:	51780
Ion	Ratio	Lower	Upper
117	100		
119	90.9	76.7	115.1
201	85.4	73.4	110.2

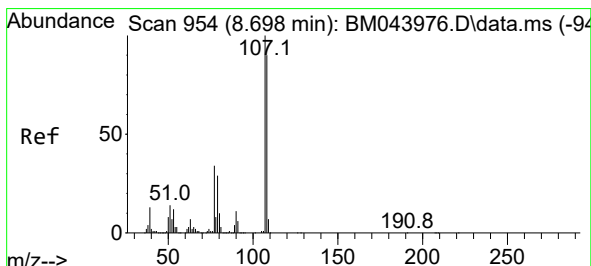
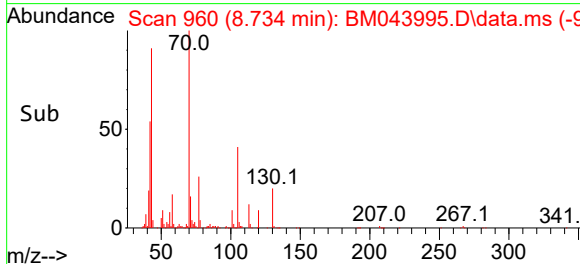
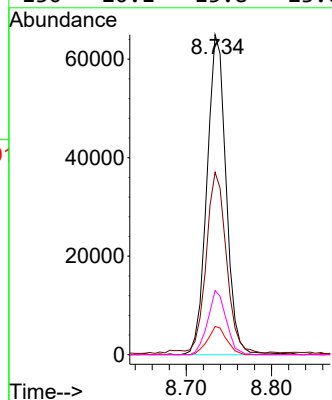
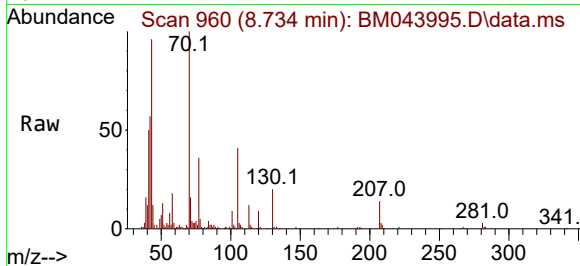




#19
n-Nitroso-di-n-propylamine
Concen: 4.551 ng
RT: 8.734 min Scan# 961
Delta R.T. -0.006 min
Lab File: BM043995.D
Acq: 06 Feb 2024 17:03

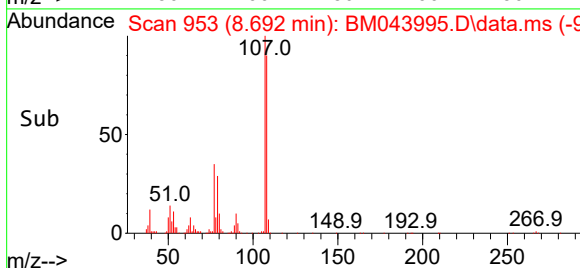
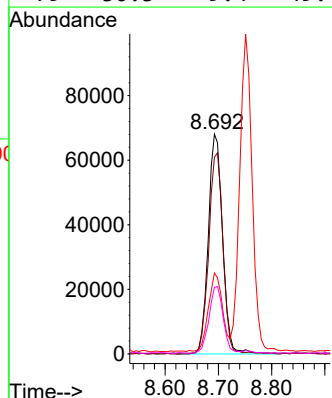
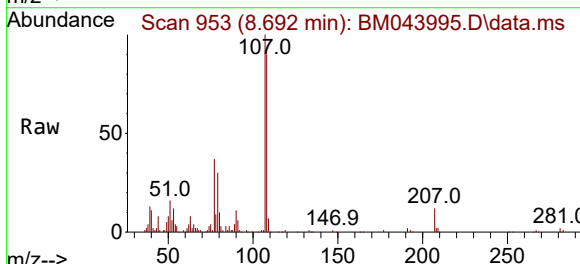
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2024

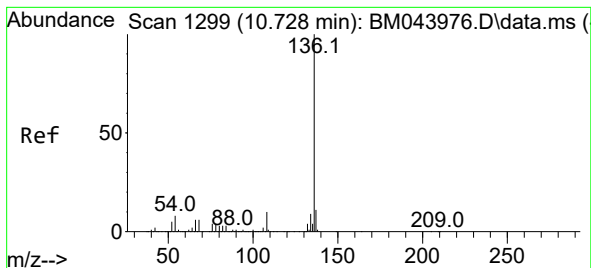
Tgt Ion: 70 Resp: 101450
Ion Ratio Lower Upper
70 100
42 57.0 45.6 68.4
101 8.8 7.5 11.3
130 20.1 15.8 23.6



#20
3+4-Methylphenols
Concen: 4.208 ng
RT: 8.692 min Scan# 953
Delta R.T. -0.006 min
Lab File: BM043995.D
Acq: 06 Feb 2024 17:03

Tgt Ion: 107 Resp: 127900
Ion Ratio Lower Upper
107 100
108 89.6 70.3 110.3
77 36.8 14.0 54.0
79 30.3 9.4 49.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.728 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM043995.D

Acq: 06 Feb 2024 17:03

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2024

Tgt Ion:136 Resp: 1485940

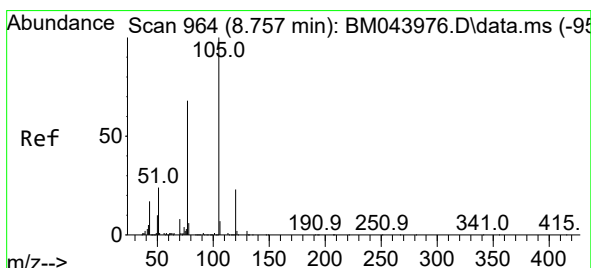
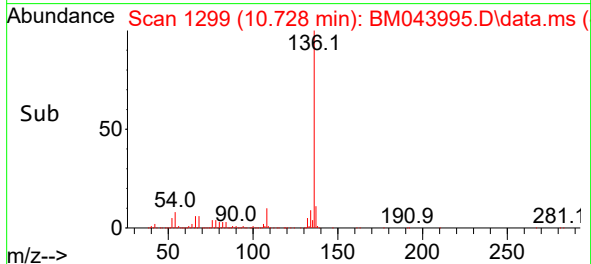
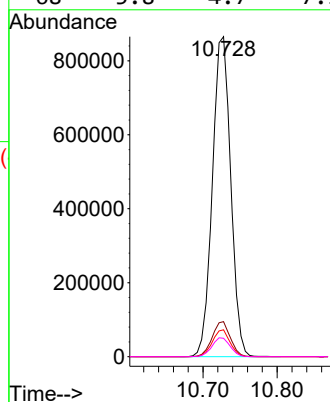
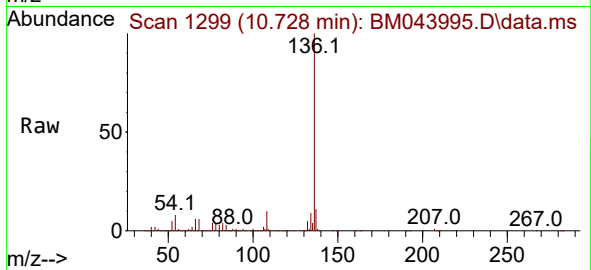
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 8.4 6.5 9.7

68 5.8 4.7 7.1



#22

Acetophenone

Concen: 5.018 ng

RT: 8.751 min Scan# 963

Delta R.T. -0.006 min

Lab File: BM043995.D

Acq: 06 Feb 2024 17:03

Tgt Ion:105 Resp: 202022

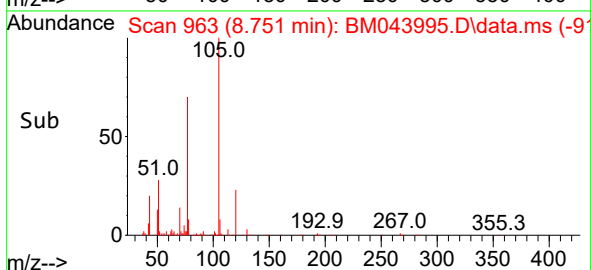
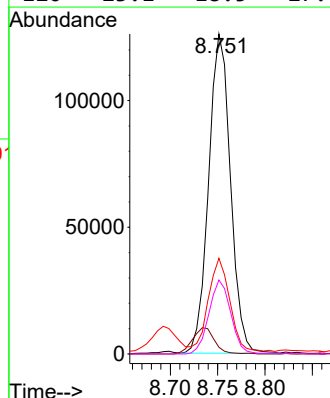
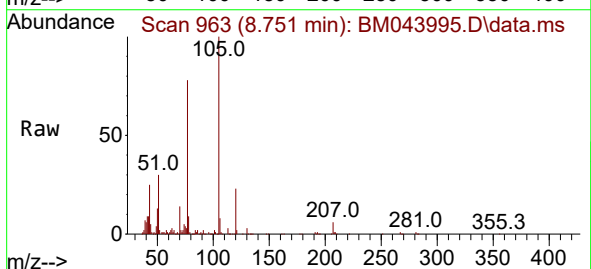
Ion Ratio Lower Upper

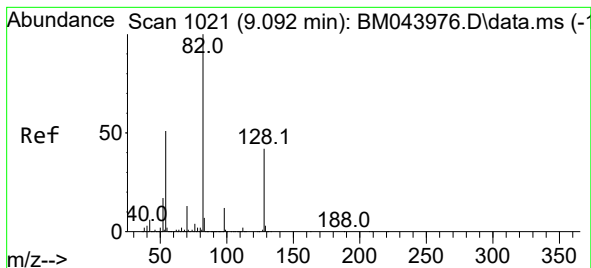
105 100

71 2.1 1.6 2.4

51 29.9 21.8 32.6

120 23.1 18.5 27.7





#23

Nitrobenzene-d5

Concen: 90.020 ng

RT: 9.092 min Scan# 1021

Delta R.T. 0.000 min

Lab File: BM043995.D

Acq: 06 Feb 2024 17:03

Instrument :

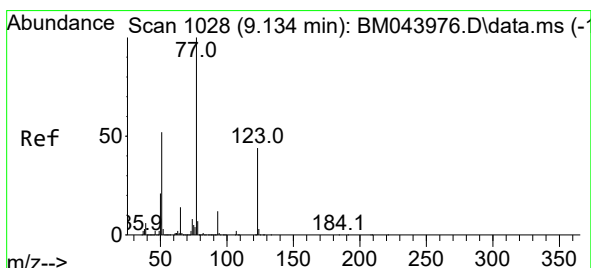
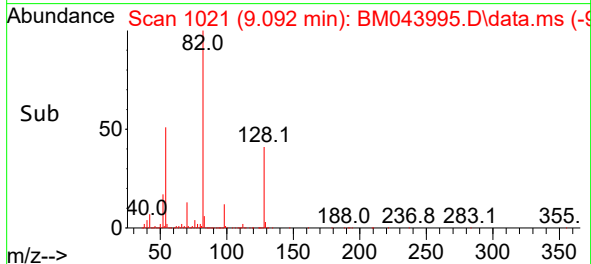
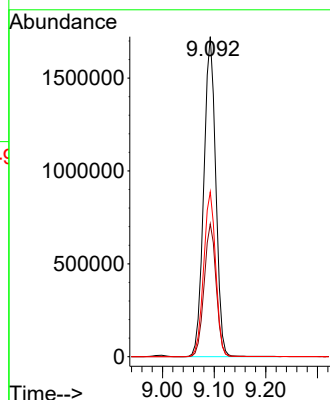
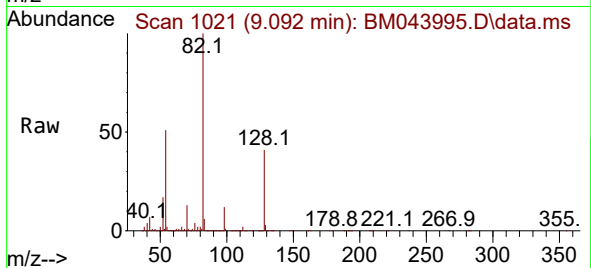
BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2024

Tgt Ion: 82 Resp: 2774877

Ion	Ratio	Lower	Upper
82	100		
128	41.5	33.9	50.9
54	51.5	41.1	61.7



#24

Nitrobenzene

Concen: 5.137 ng

RT: 9.134 min Scan# 1028

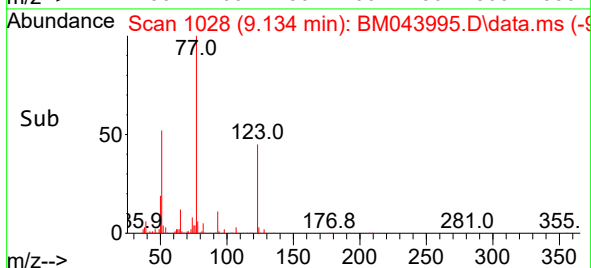
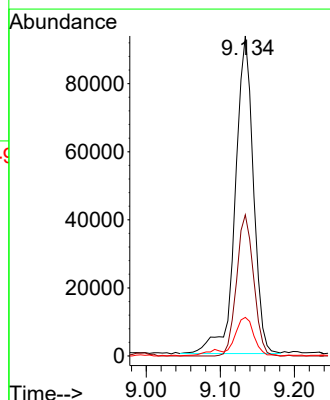
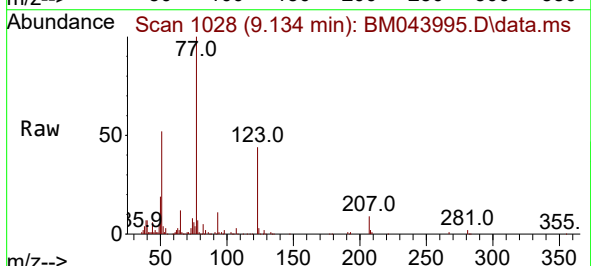
Delta R.T. 0.000 min

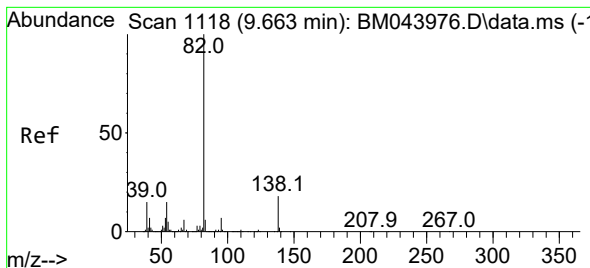
Lab File: BM043995.D

Acq: 06 Feb 2024 17:03

Tgt Ion: 77 Resp: 158886

Ion	Ratio	Lower	Upper
77	100		
123	44.1	35.3	52.9
65	12.1	10.9	16.3





#25

Isophorone

Concen: 4.457 ng

RT: 9.657 min Scan# 1117

Delta R.T. -0.006 min

Lab File: BM043995.D

Acq: 06 Feb 2024 17:03

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2024

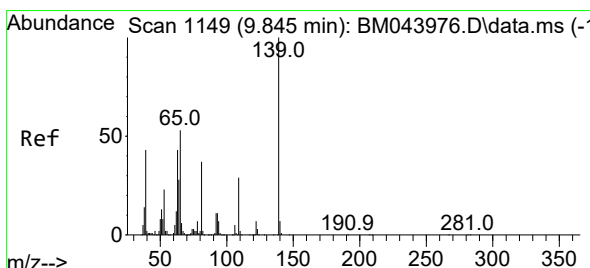
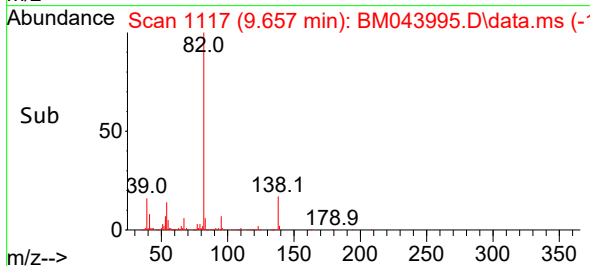
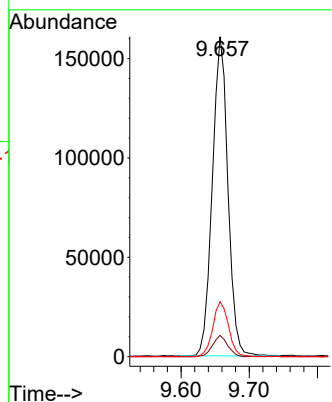
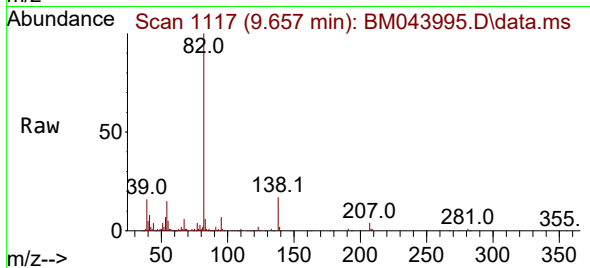
Tgt Ion: 82 Resp: 255776

Ion Ratio Lower Upper

82 100

95 6.6 5.6 8.4

138 17.1 14.2 21.2



#26

2-Nitrophenol

Concen: 3.873 ng

RT: 9.839 min Scan# 1148

Delta R.T. -0.006 min

Lab File: BM043995.D

Acq: 06 Feb 2024 17:03

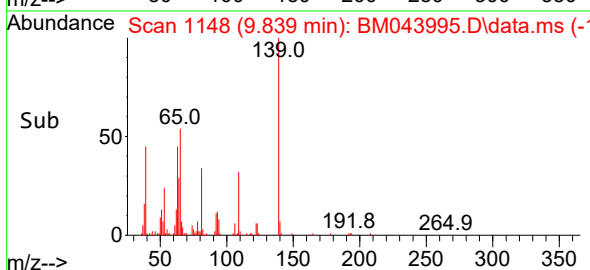
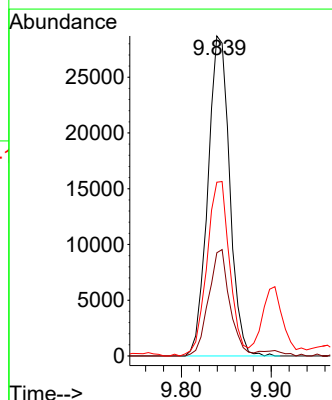
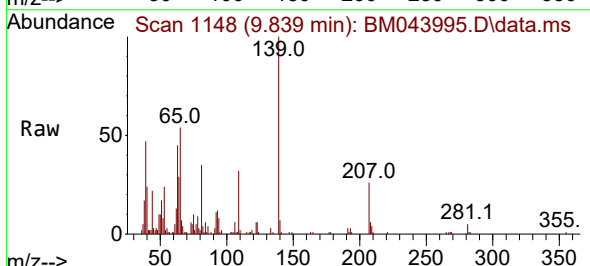
Tgt Ion:139 Resp: 48409

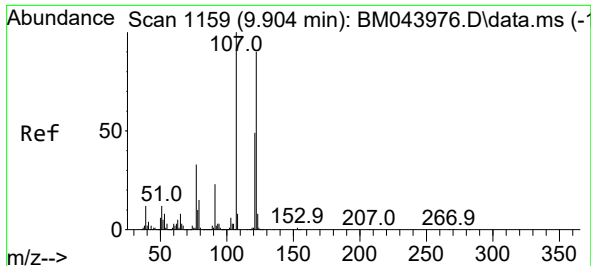
Ion Ratio Lower Upper

139 100

109 32.3 23.3 34.9

65 54.3 42.5 63.7

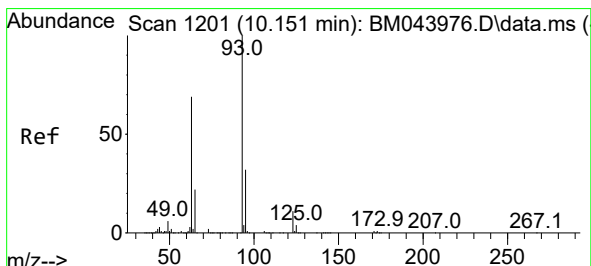
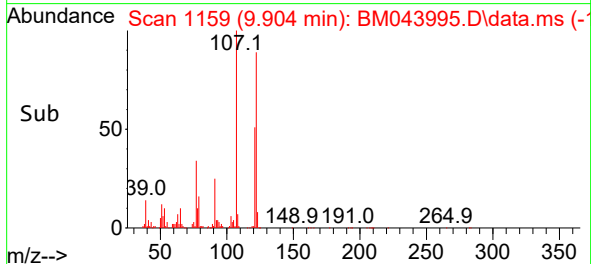
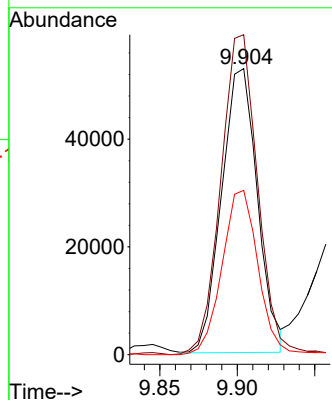
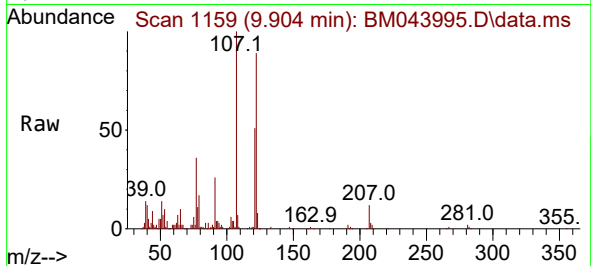




#27
2,4-Dimethylphenol
Concen: 4.948 ng
RT: 9.904 min Scan# 1159
Delta R.T. 0.000 min
Lab File: BM043995.D
Acq: 06 Feb 2024 17:03

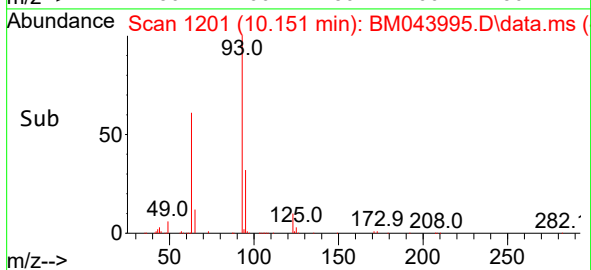
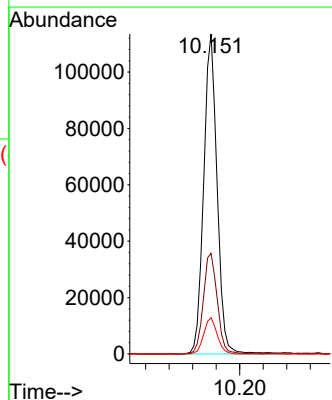
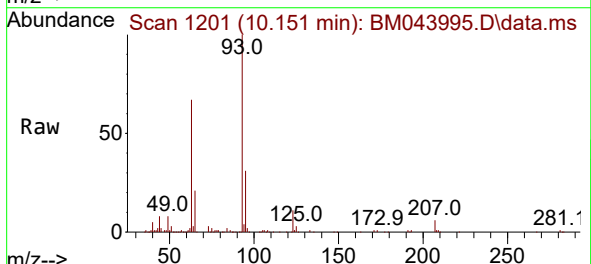
Instrument : BNA_M
ClientSampleId : LOQ-WATER-02-QT1-2024

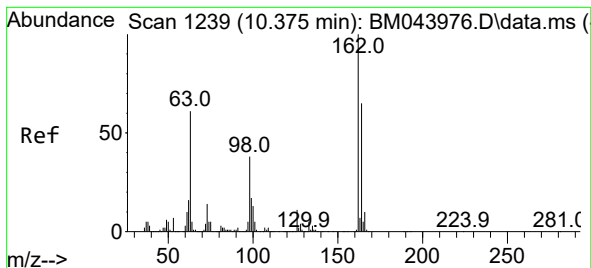
Tgt Ion:122 Resp: 84930
Ion Ratio Lower Upper
122 100
107 111.9 89.0 133.4
121 57.5 43.4 65.0



#28
bis(2-Chloroethoxy)methane
Concen: 5.115 ng
RT: 10.151 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BM043995.D
Acq: 06 Feb 2024 17:03

Tgt Ion: 93 Resp: 179256
Ion Ratio Lower Upper
93 100
95 31.5 25.9 38.9
123 11.3 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 4.373 ng

RT: 10.369 min Scan# 1239

Delta R.T. -0.006 min

Lab File: BM043995.D

Acq: 06 Feb 2024 17:03

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2024

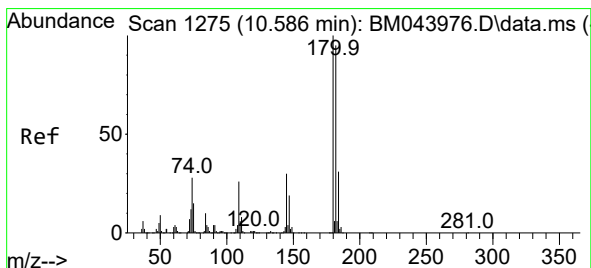
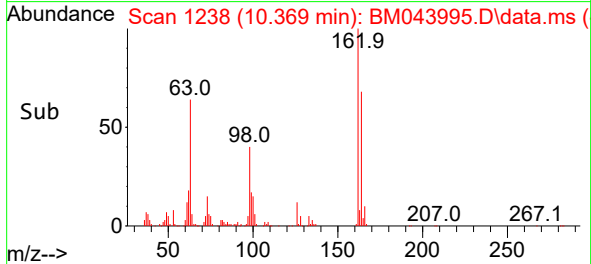
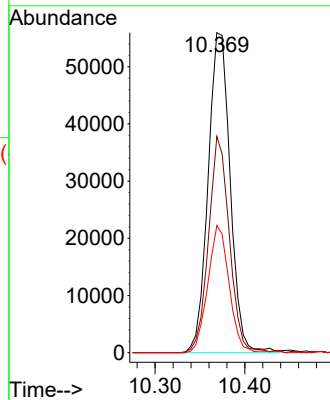
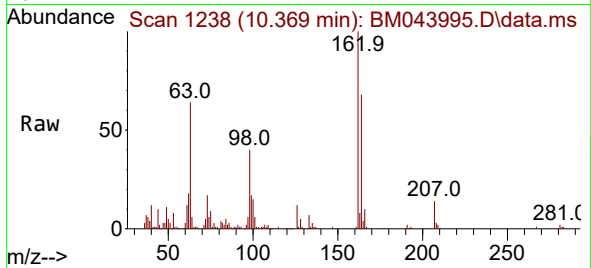
Tgt Ion:162 Resp: 95725

Ion Ratio Lower Upper

162 100

164 67.6 45.1 85.1

98 39.7 17.8 57.8



#30

1,2,4-Trichlorobenzene

Concen: 4.955 ng

RT: 10.586 min Scan# 1275

Delta R.T. 0.000 min

Lab File: BM043995.D

Acq: 06 Feb 2024 17:03

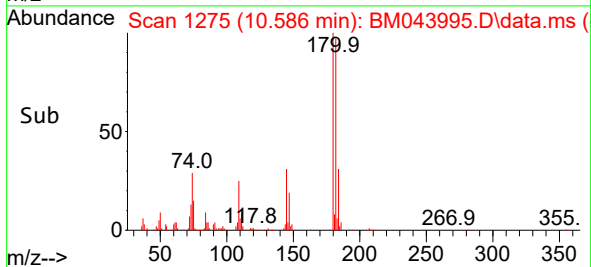
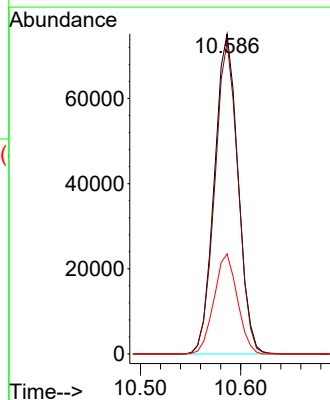
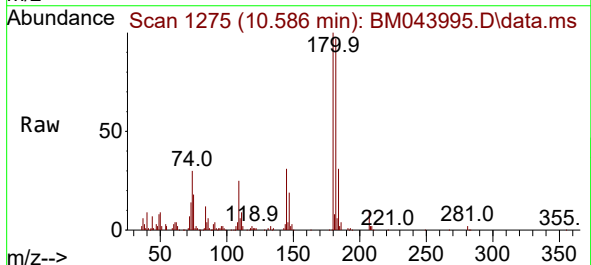
Tgt Ion:180 Resp: 122519

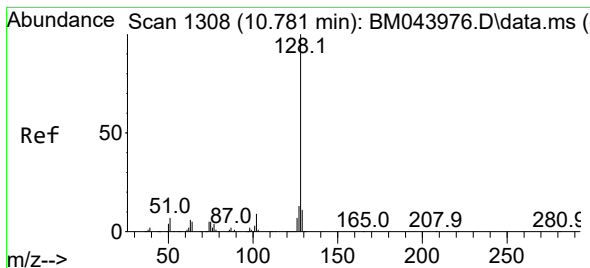
Ion Ratio Lower Upper

180 100

182 97.5 76.0 114.0

145 31.3 24.2 36.2





#31

Naphthalene

Concen: 4.911 ng

RT: 10.775 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BM043995.D

Acq: 06 Feb 2024 17:03

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2024

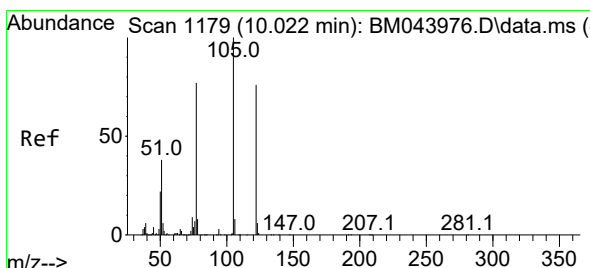
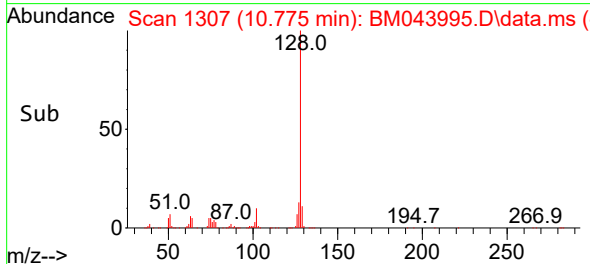
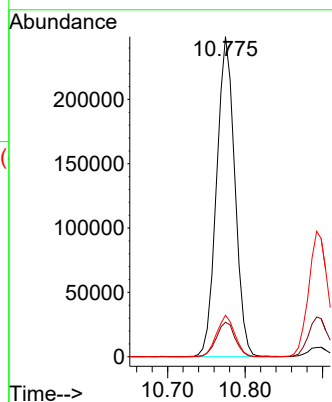
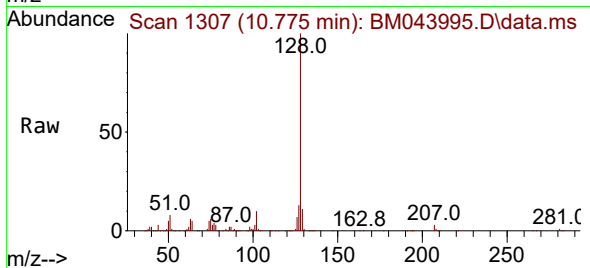
Tgt Ion:128 Resp: 406719

Ion Ratio Lower Upper

128 100

129 10.8 8.4 12.6

127 13.0 10.1 15.1



#32

Benzoic acid

Concen: 8.501 ng

RT: 9.963 min Scan# 1169

Delta R.T. -0.059 min

Lab File: BM043995.D

Acq: 06 Feb 2024 17:03

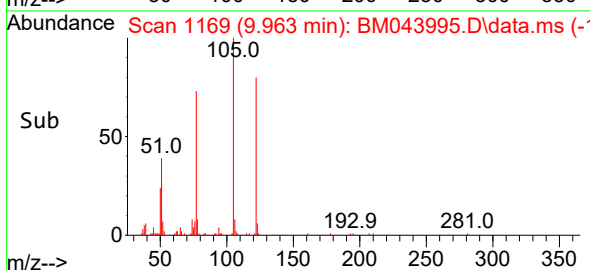
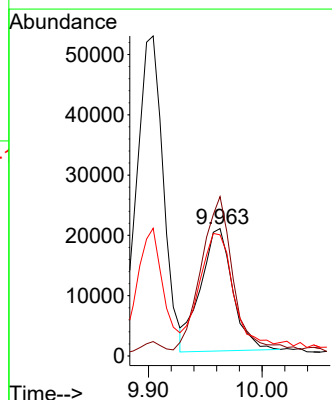
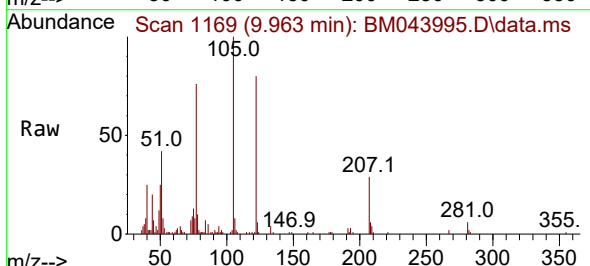
Tgt Ion:122 Resp: 39847

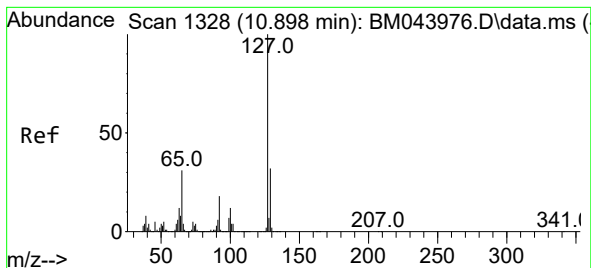
Ion Ratio Lower Upper

122 100

105 125.1 109.4 149.4

77 95.0 80.5 120.5





#33

4-Chloroaniline

Concen: 4.971 ng

RT: 10.892 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM043995.D

Acq: 06 Feb 2024 17:03

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2024

Tgt Ion:127 Resp: 169240

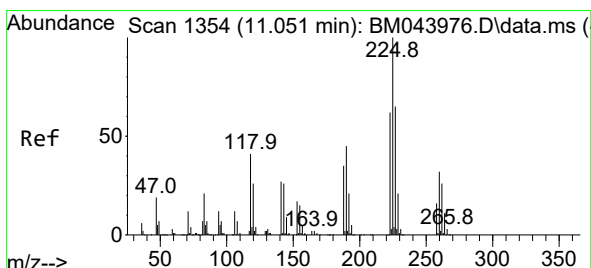
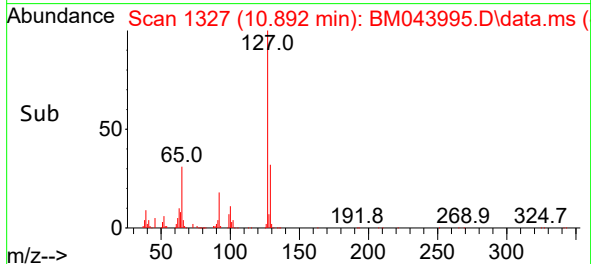
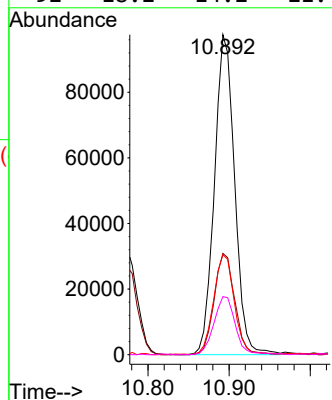
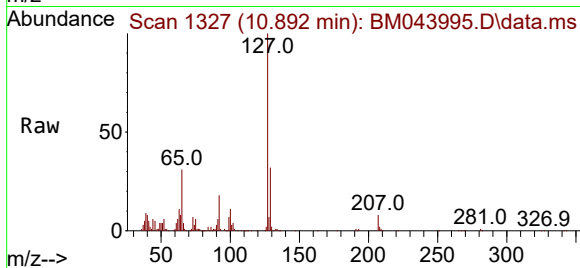
Ion Ratio Lower Upper

127 100

129 31.6 25.6 38.4

65 31.3 24.5 36.7

92 18.2 14.2 21.4



#34

Hexachlorobutadiene

Concen: 4.858 ng

RT: 11.051 min Scan# 1354

Delta R.T. 0.000 min

Lab File: BM043995.D

Acq: 06 Feb 2024 17:03

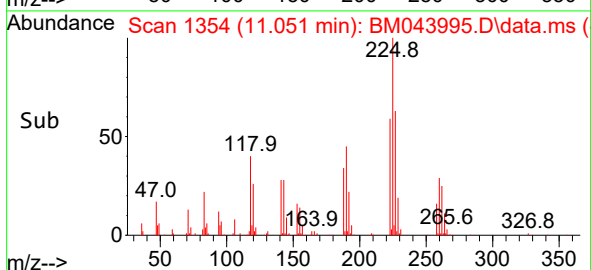
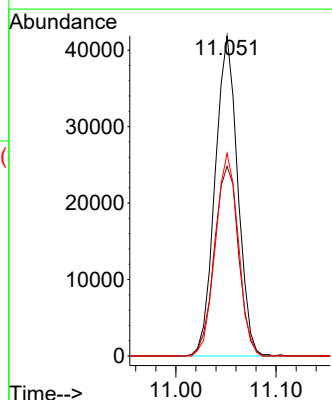
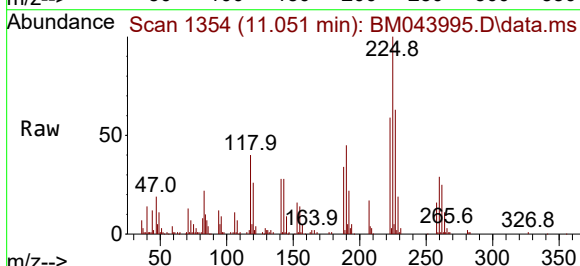
Tgt Ion:225 Resp: 65515

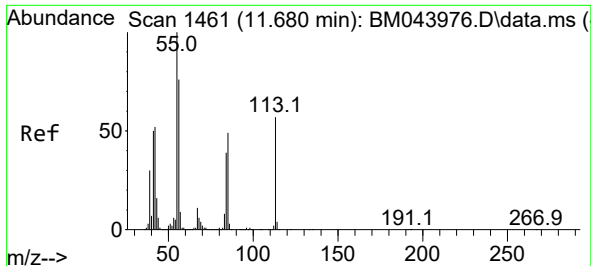
Ion Ratio Lower Upper

225 100

223 59.3 49.8 74.8

227 63.3 51.7 77.5

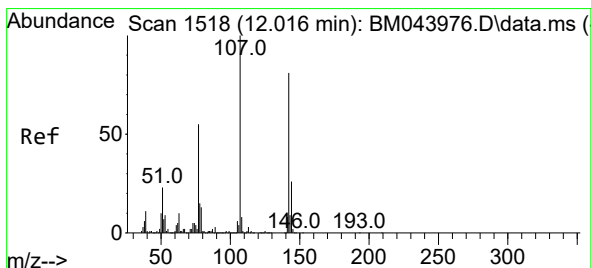
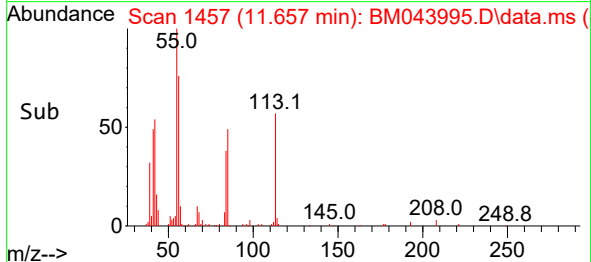
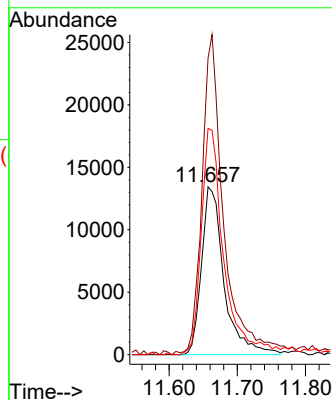
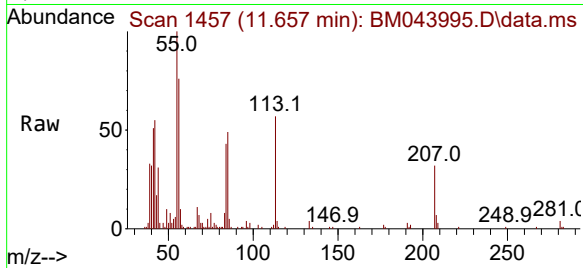




#35
Caprolactam
Concen: 3.444 ng
RT: 11.657 min Scan# 1461
Delta R.T. -0.024 min
Lab File: BM043995.D
Acq: 06 Feb 2024 17:03

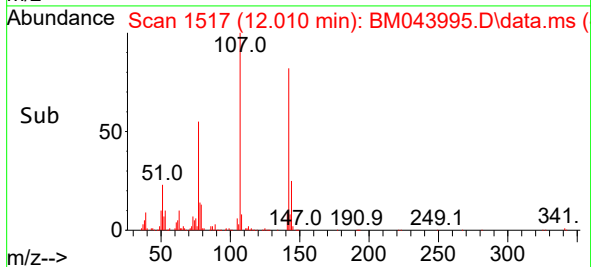
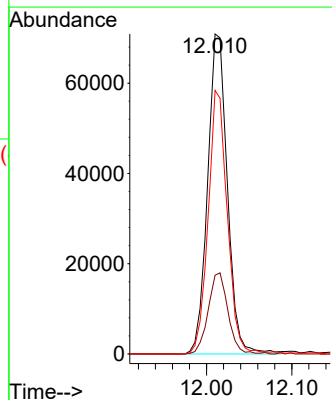
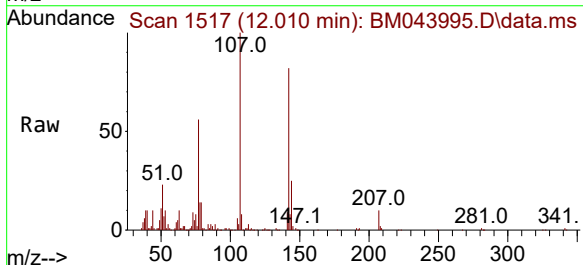
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2024

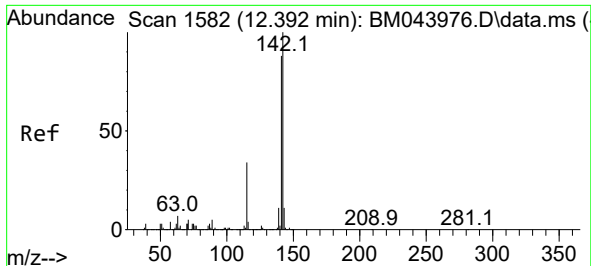
Tgt Ion	Ratio	Lower	Upper
113	100		
55	176.6	154.3	194.3
56	134.8	112.2	152.2



#36
4-Chloro-3-methylphenol
Concen: 4.266 ng
RT: 12.010 min Scan# 1517
Delta R.T. -0.006 min
Lab File: BM043995.D
Acq: 06 Feb 2024 17:03

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.6	21.1	31.7
142	82.4	65.0	97.4





#37

2-Methylnaphthalene

Concen: 4.769 ng

RT: 12.386 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM043995.D

Acq: 06 Feb 2024 17:03

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2024

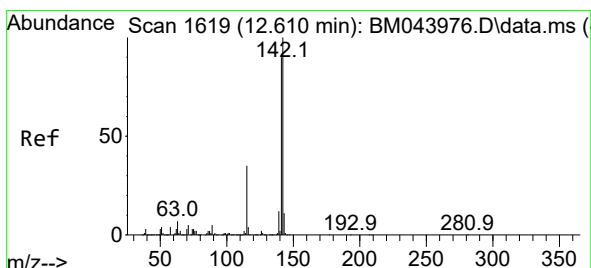
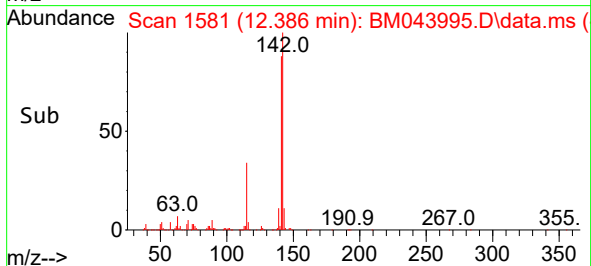
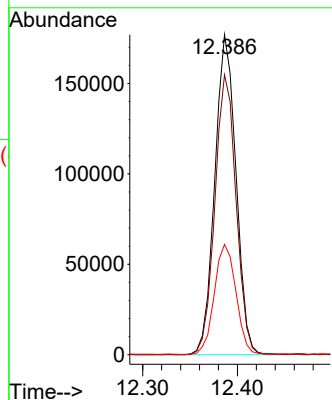
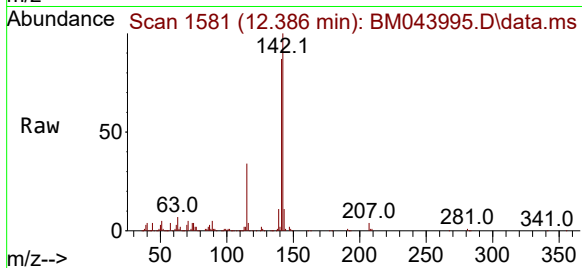
Tgt Ion:142 Resp: 275428

Ion Ratio Lower Upper

142 100

141 87.5 70.2 105.2

115 34.5 27.2 40.8



#38

1-Methylnaphthalene

Concen: 4.772 ng

RT: 12.604 min Scan# 1618

Delta R.T. -0.006 min

Lab File: BM043995.D

Acq: 06 Feb 2024 17:03

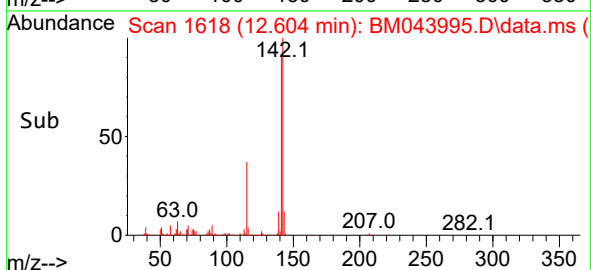
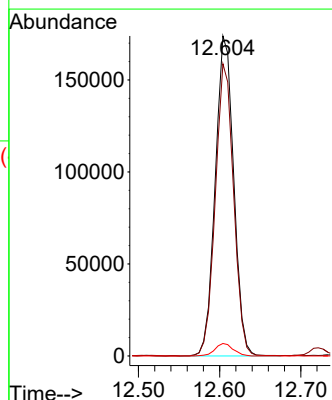
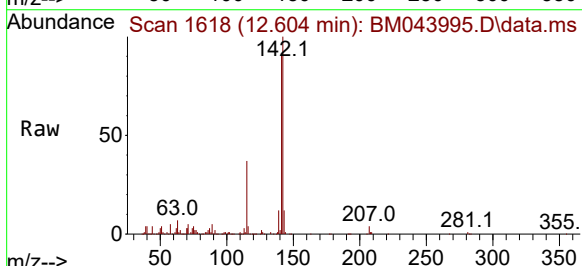
Tgt Ion:142 Resp: 275167

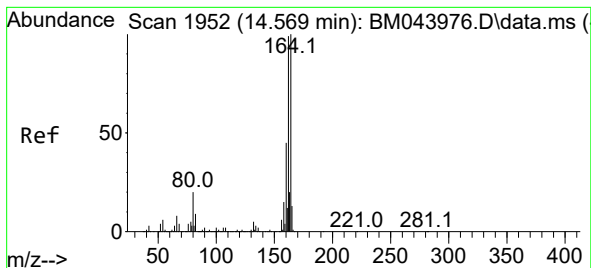
Ion Ratio Lower Upper

142 100

141 91.3 72.1 108.1

116 3.9 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: BM043995.D

Acq: 06 Feb 2024 17:03

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2024

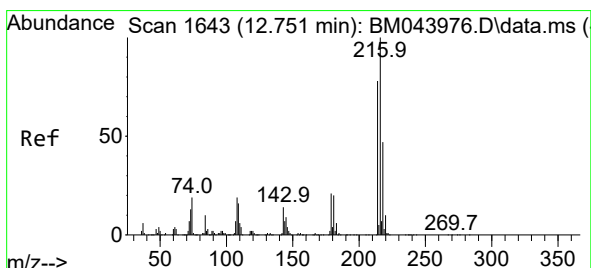
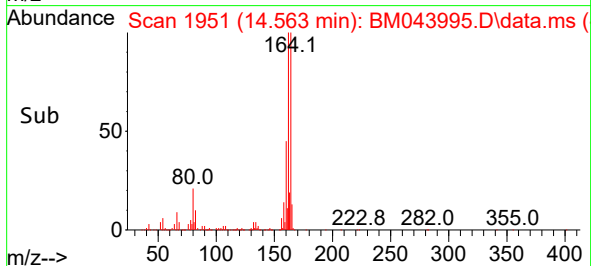
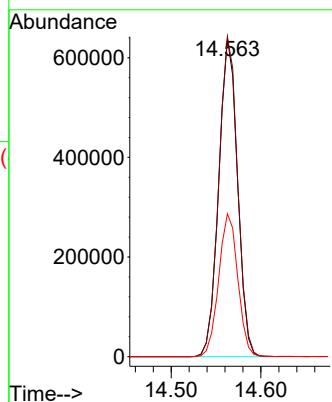
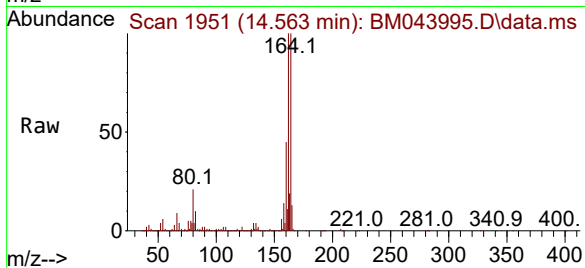
Tgt Ion:164 Resp: 926171

Ion Ratio Lower Upper

164 100

162 100.5 79.0 118.4

160 44.9 35.8 53.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 5.212 ng

RT: 12.751 min Scan# 1643

Delta R.T. 0.000 min

Lab File: BM043995.D

Acq: 06 Feb 2024 17:03

Tgt Ion:216 Resp: 136901

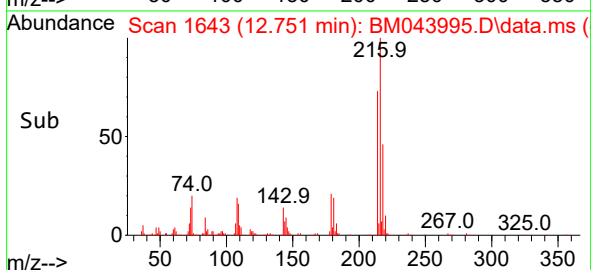
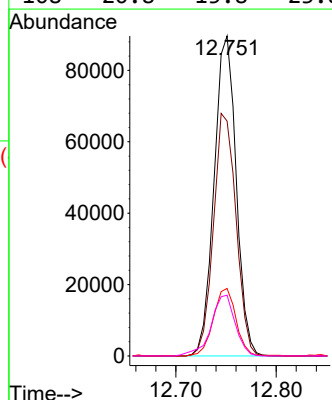
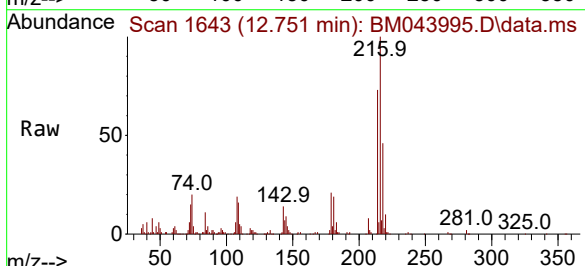
Ion Ratio Lower Upper

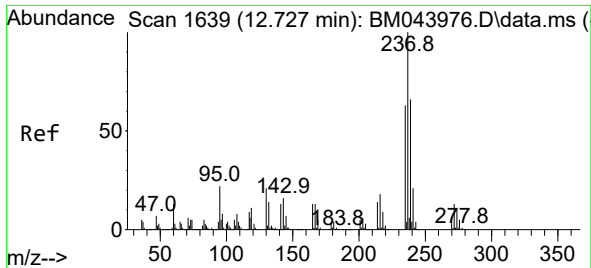
216 100

214 77.4 62.6 94.0

179 21.7 16.7 25.1

108 20.8 15.8 23.8

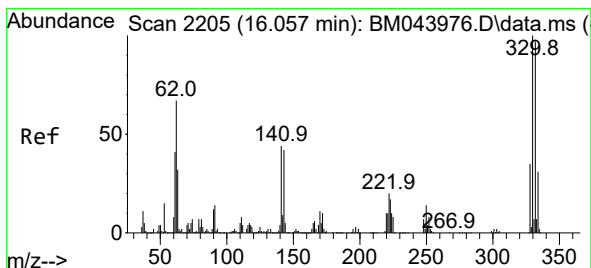
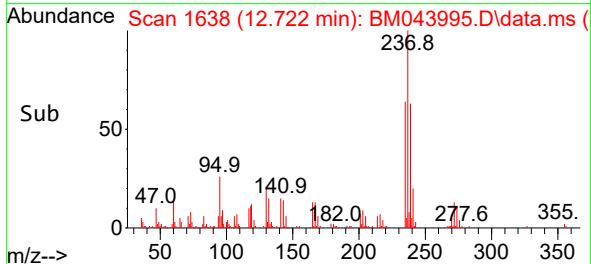
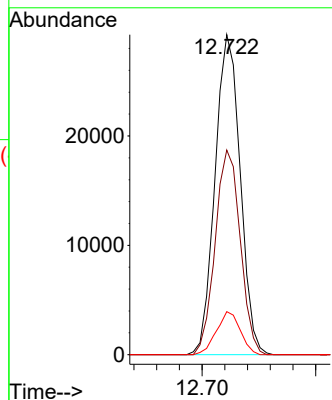
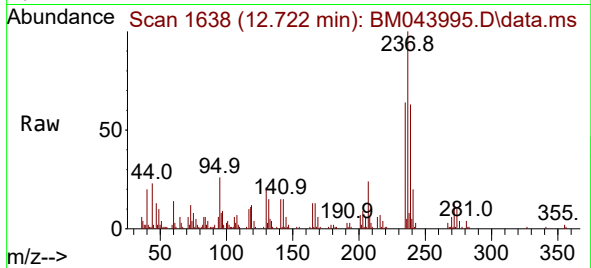




#41
Hexachlorocyclopentadiene
Concen: 5.211 ng
RT: 12.722 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM043995.D
Acq: 06 Feb 2024 17:03

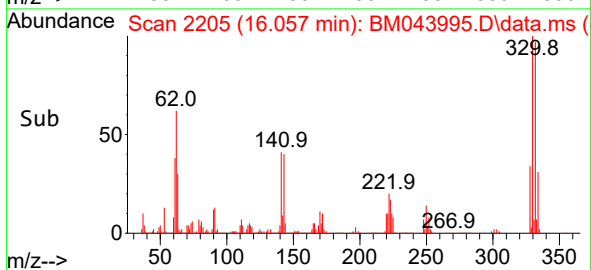
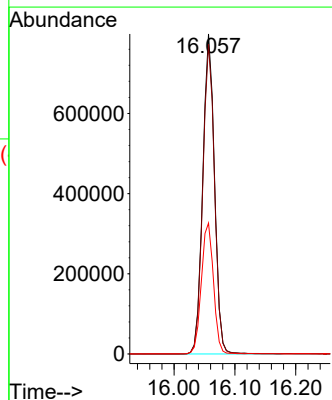
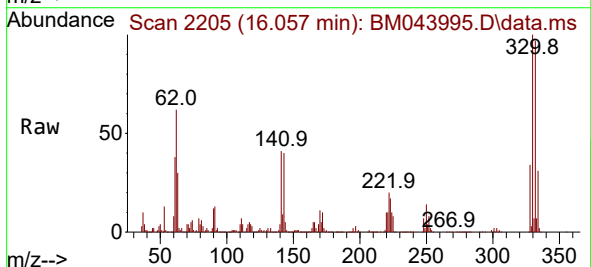
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2024

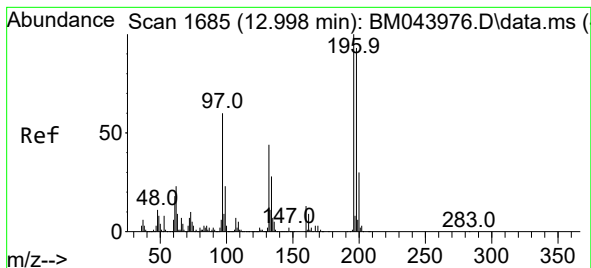
Tgt Ion:237 Resp: 45020
Ion Ratio Lower Upper
237 100
235 63.9 43.5 83.5
272 13.5 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 94.499 ng
RT: 16.057 min Scan# 2205
Delta R.T. -0.000 min
Lab File: BM043995.D
Acq: 06 Feb 2024 17:03

Tgt Ion:330 Resp: 1066891
Ion Ratio Lower Upper
330 100
332 96.9 77.6 116.4
141 42.1 33.5 50.3





#43

2,4,6-Trichlorophenol

Concen: 4.187 ng

RT: 12.998 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM043995.D

Acq: 06 Feb 2024 17:03

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2024

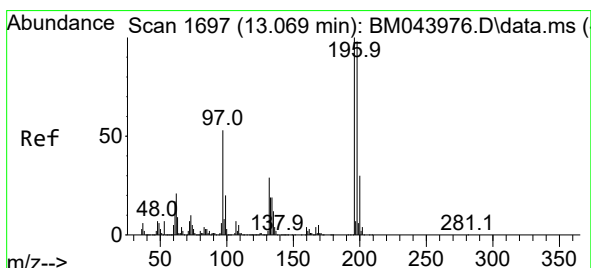
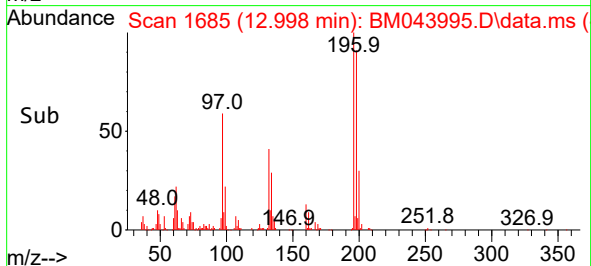
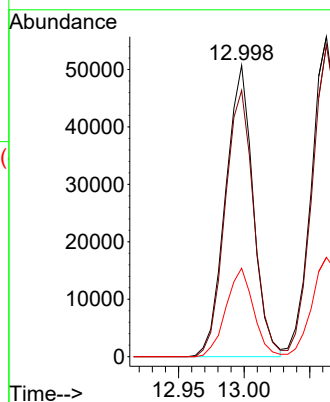
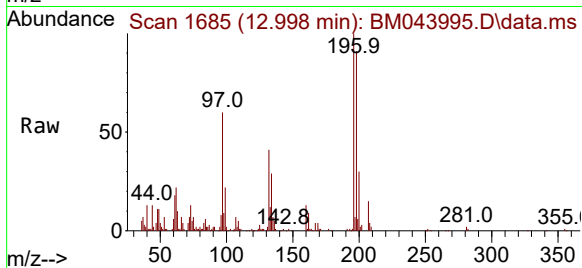
Tgt Ion:196 Resp: 74335

Ion Ratio Lower Upper

196 100

198 91.4 74.2 111.2

200 30.4 23.8 35.8



#44

2,4,5-Trichlorophenol

Concen: 4.231 ng

RT: 13.063 min Scan# 1696

Delta R.T. -0.006 min

Lab File: BM043995.D

Acq: 06 Feb 2024 17:03

Tgt Ion:196 Resp: 85699

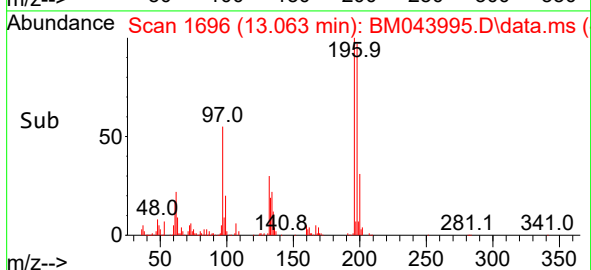
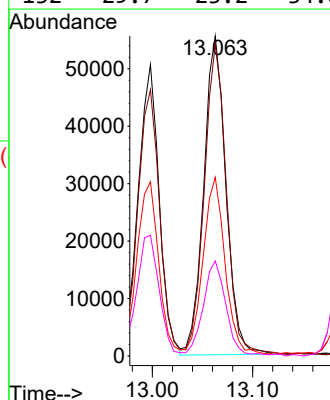
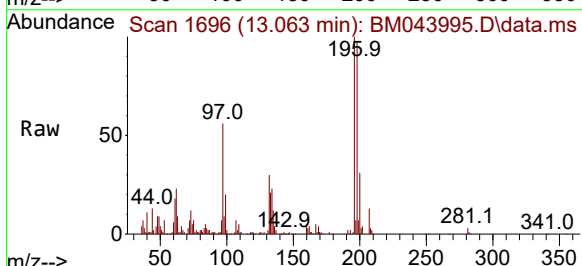
Ion Ratio Lower Upper

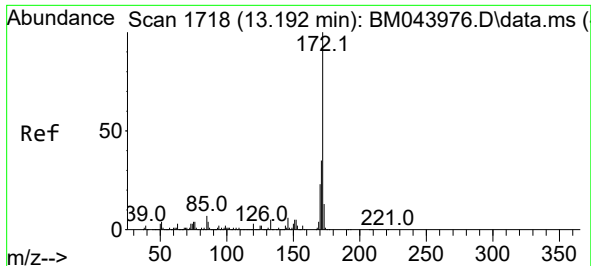
196 100

198 97.4 78.1 117.1

97 55.8 42.2 63.2

132 29.7 23.2 34.8

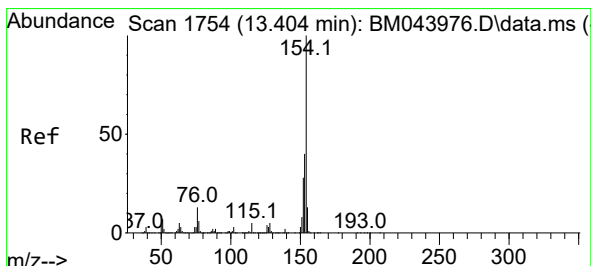
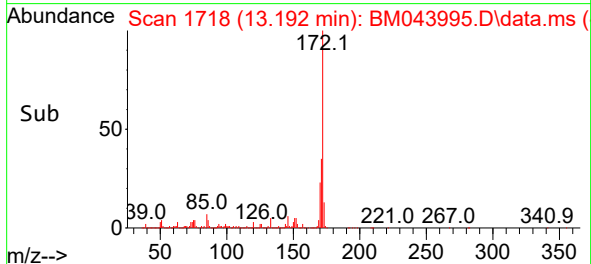
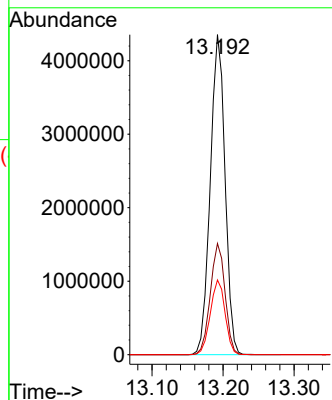
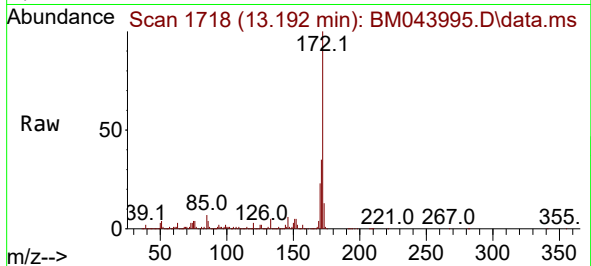




#45
2-Fluorobiphenyl
Concen: 93.368 ng
RT: 13.192 min Scan# 1718
Delta R.T. 0.000 min
Lab File: BM043995.D
Acq: 06 Feb 2024 17:03

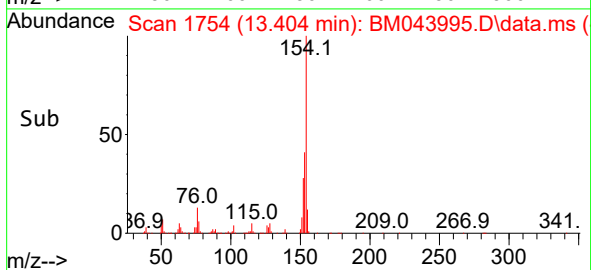
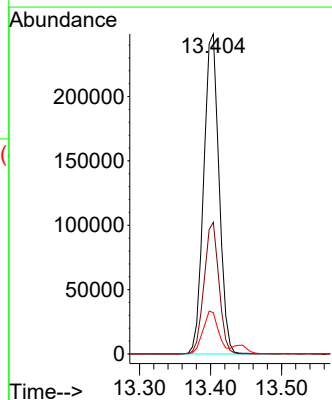
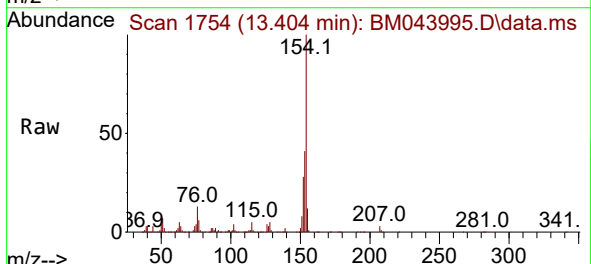
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2024

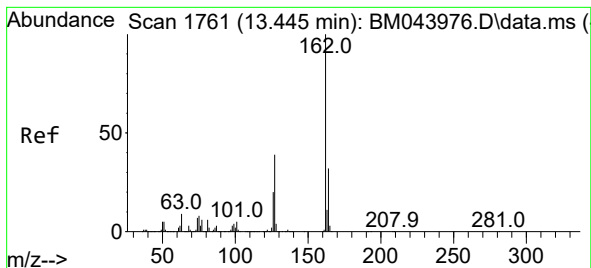
Tgt Ion:172 Resp: 6293330
Ion Ratio Lower Upper
172 100
171 34.8 27.9 41.9
170 23.3 18.6 28.0



#46
1,1'-Biphenyl
Concen: 5.134 ng
RT: 13.404 min Scan# 1754
Delta R.T. 0.000 min
Lab File: BM043995.D
Acq: 06 Feb 2024 17:03

Tgt Ion:154 Resp: 373903
Ion Ratio Lower Upper
154 100
153 41.2 19.8 59.8
76 12.9 0.0 33.0





#47

2-Chloronaphthalene

Concen: 4.928 ng

RT: 13.439 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM043995.D

Acq: 06 Feb 2024 17:03

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2024

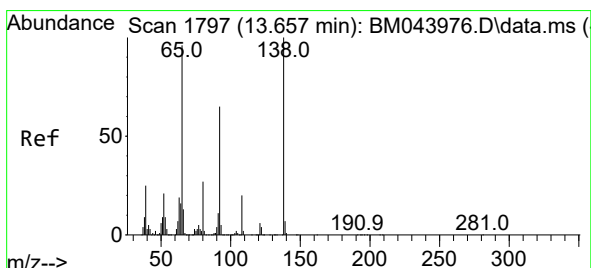
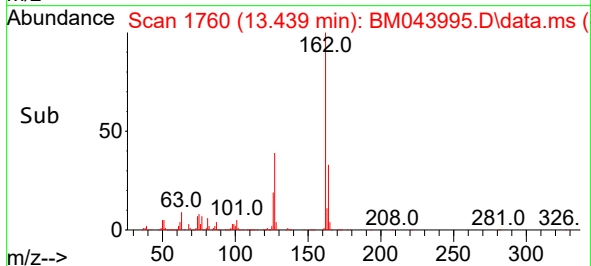
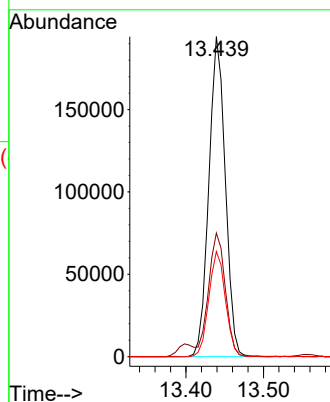
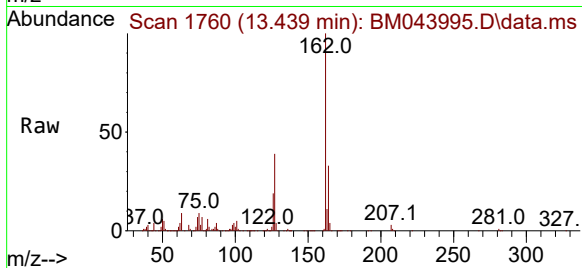
Tgt Ion:162 Resp: 286245

Ion Ratio Lower Upper

162 100

127 38.6 31.0 46.6

164 32.9 25.8 38.6



#48

2-Nitroaniline

Concen: 3.867 ng

RT: 13.651 min Scan# 1796

Delta R.T. -0.006 min

Lab File: BM043995.D

Acq: 06 Feb 2024 17:03

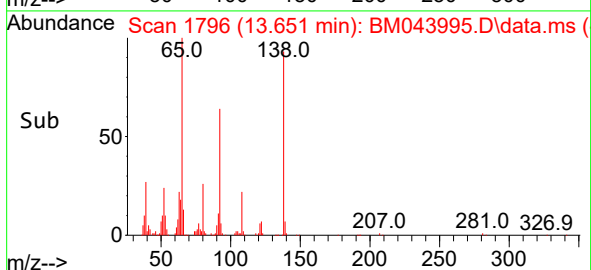
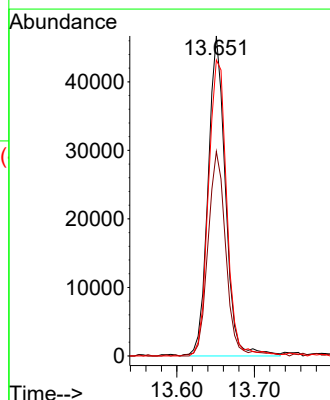
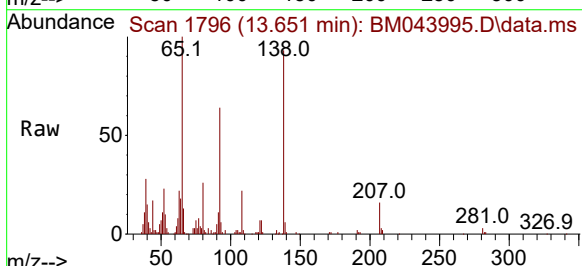
Tgt Ion: 65 Resp: 73044

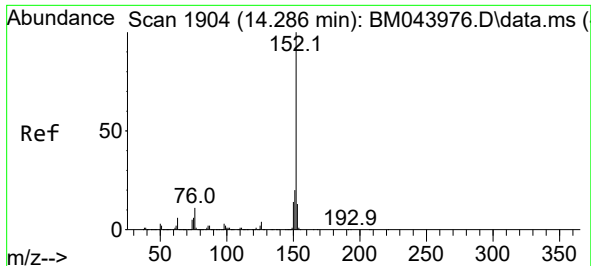
Ion Ratio Lower Upper

65 100

92 63.9 53.6 80.4

138 92.5 83.0 124.6

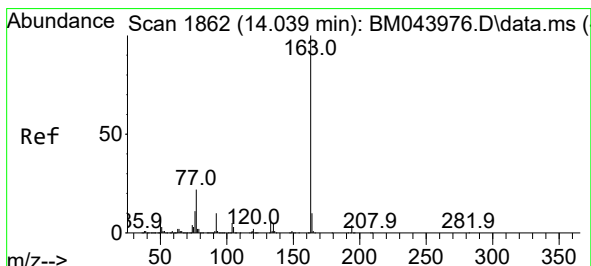
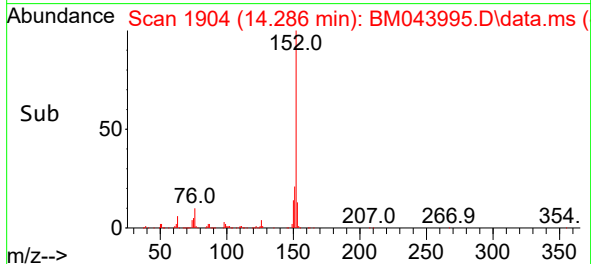
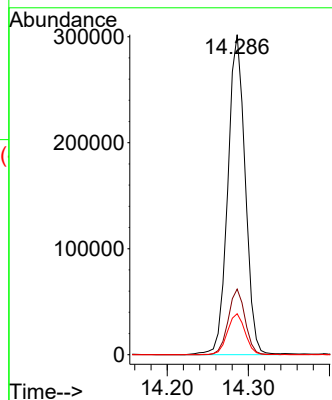
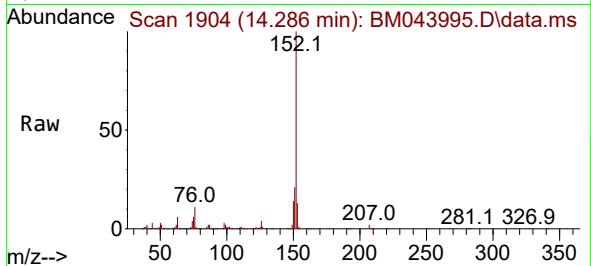




#49
Acenaphthylene
Concen: 5.058 ng
RT: 14.286 min Scan# 1904
Delta R.T. 0.000 min
Lab File: BM043995.D
Acq: 06 Feb 2024 17:03

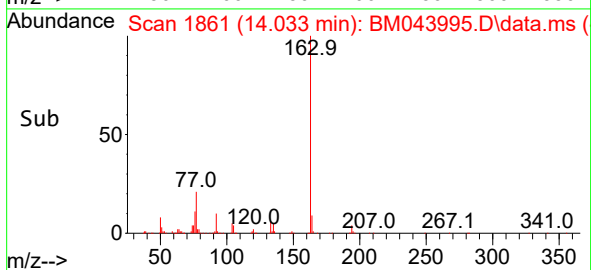
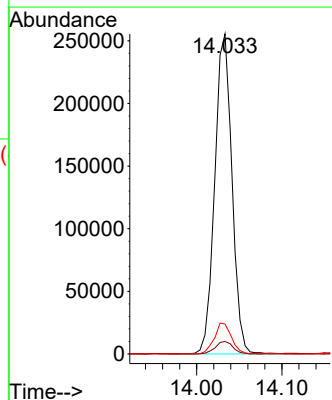
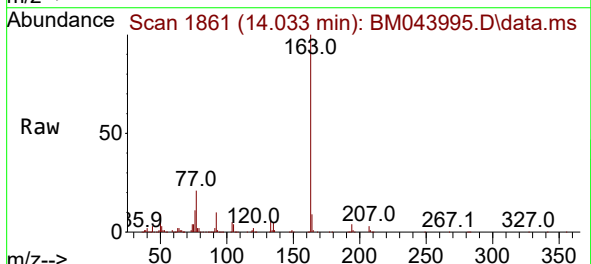
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2024

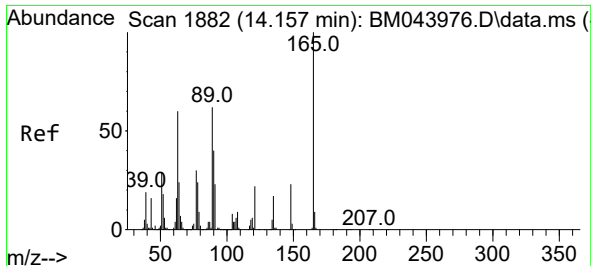
Tgt Ion:152 Resp: 449097
Ion Ratio Lower Upper
152 100
151 20.5 15.9 23.9
153 12.8 10.4 15.6



#50
Dimethylphthalate
Concen: 4.978 ng
RT: 14.033 min Scan# 1861
Delta R.T. -0.006 min
Lab File: BM043995.D
Acq: 06 Feb 2024 17:03

Tgt Ion:163 Resp: 358141
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 9.3 8.0 12.0





#51

2,6-Dinitrotoluene

Concen: 4.124 ng

RT: 14.151 min Scan# 1882

Delta R.T. -0.006 min

Lab File: BM043995.D

Acq: 06 Feb 2024 17:03

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2024

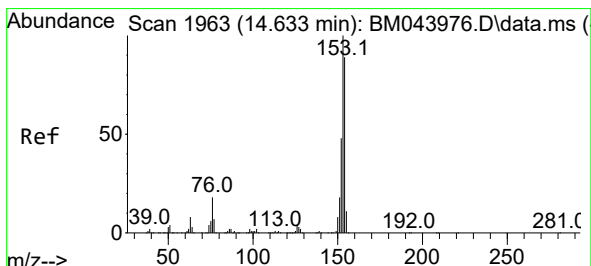
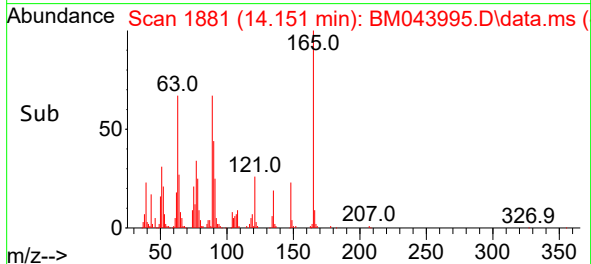
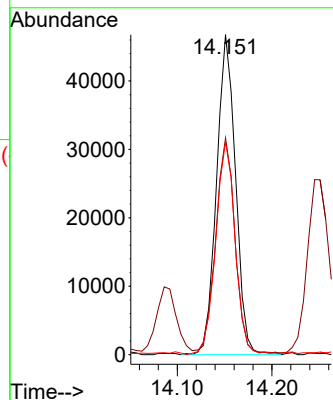
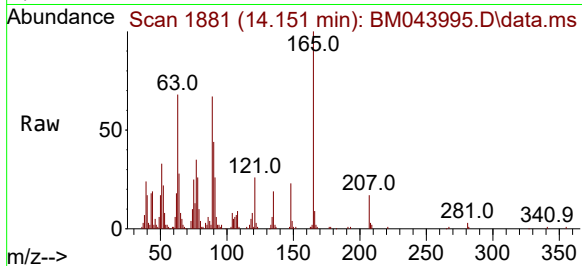
Tgt Ion:165 Resp: 65218

Ion Ratio Lower Upper

165 100

63 67.7 51.1 76.7

89 66.5 49.5 74.3



#52

Acenaphthene

Concen: 4.849 ng

RT: 14.627 min Scan# 1962

Delta R.T. -0.006 min

Lab File: BM043995.D

Acq: 06 Feb 2024 17:03

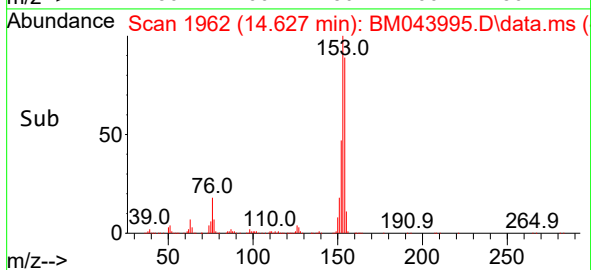
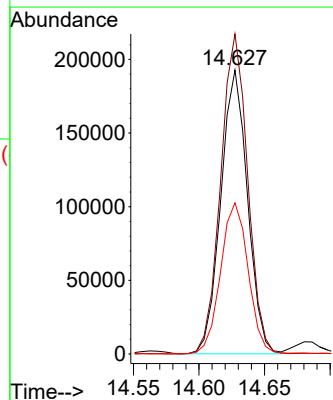
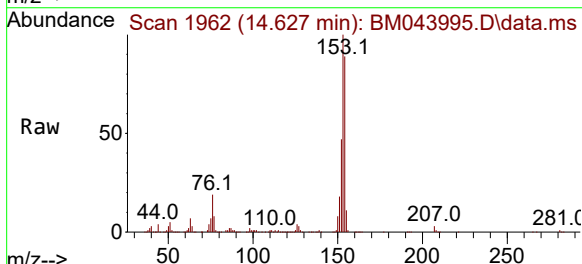
Tgt Ion:154 Resp: 272941

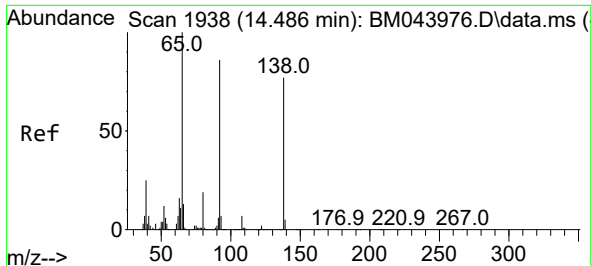
Ion Ratio Lower Upper

154 100

153 112.7 90.1 135.1

152 53.3 43.6 65.4

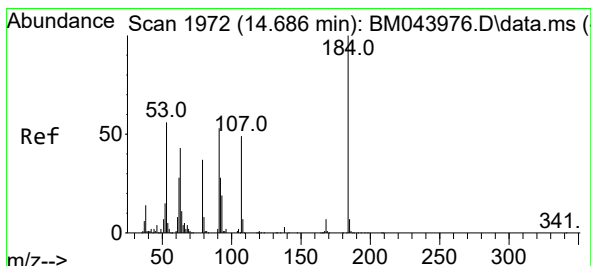
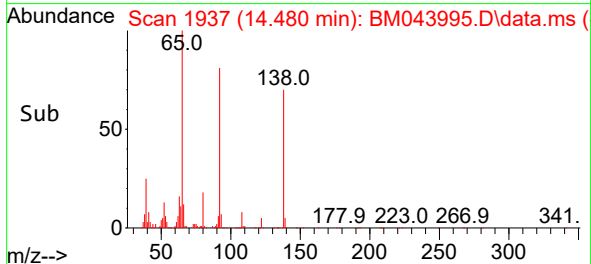
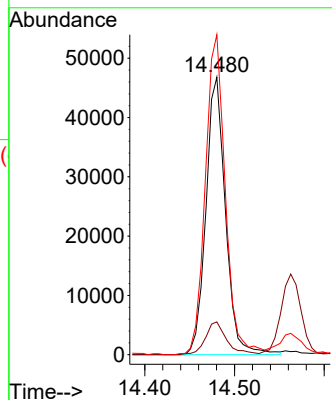
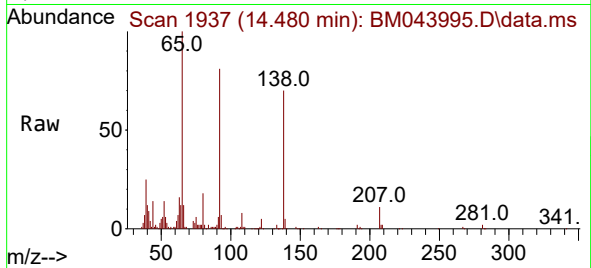




#53
3-Nitroaniline
Concen: 3.868 ng
RT: 14.480 min Scan# 1938
Delta R.T. -0.006 min
Lab File: BM043995.D
Acq: 06 Feb 2024 17:03

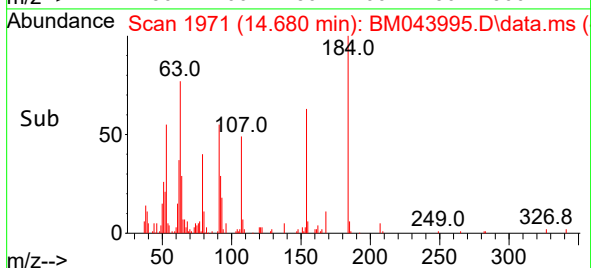
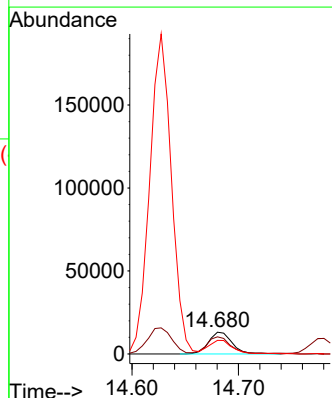
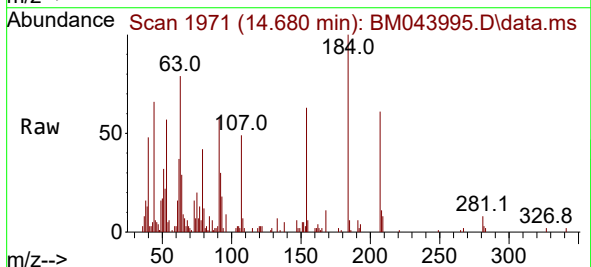
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2024

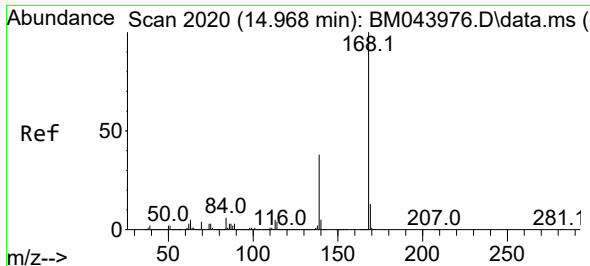
Tgt Ion:138 Resp: 71002
Ion Ratio Lower Upper
138 100
108 11.9 7.8 11.6#
92 115.3 89.7 134.5



#54
2,4-Dinitrophenol
Concen: 9.270 ng
RT: 14.680 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BM043995.D
Acq: 06 Feb 2024 17:03

Tgt Ion:184 Resp: 20000
Ion Ratio Lower Upper
184 100
63 78.6 62.8 94.2
154 62.7 51.4 77.2

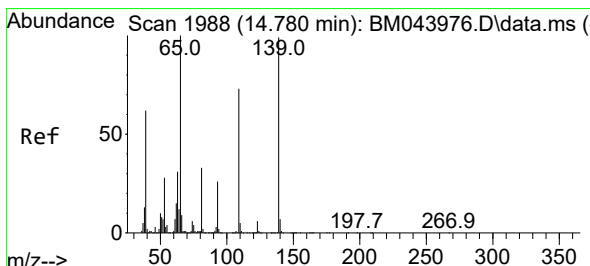
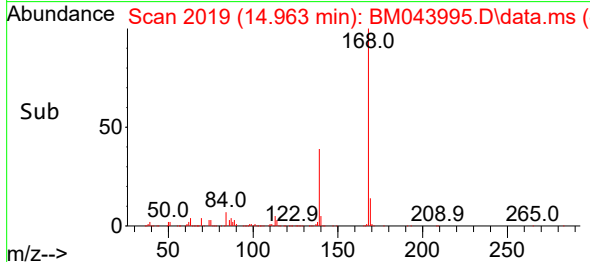
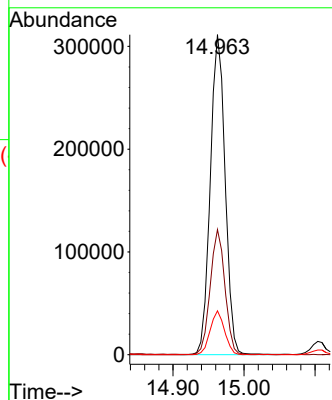
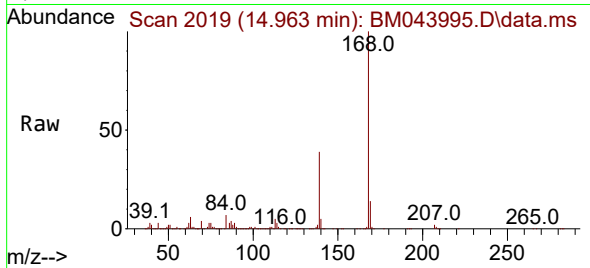




#55
Dibenzenofuran
Concen: 5.168 ng
RT: 14.963 min Scan# 20
Delta R.T. -0.006 min
Lab File: BM043995.D
Acq: 06 Feb 2024 17:03

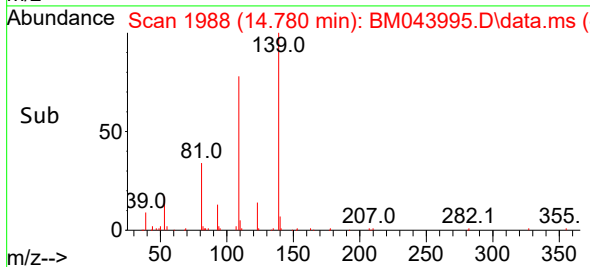
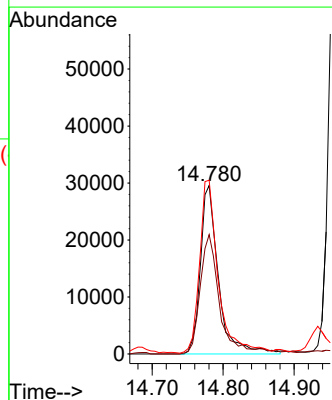
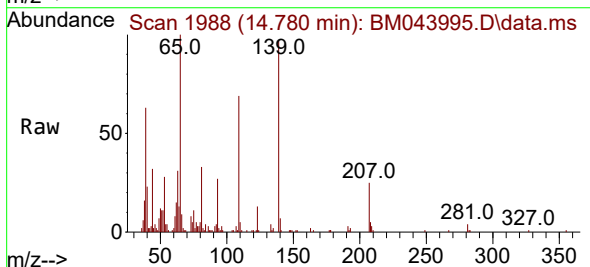
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2024

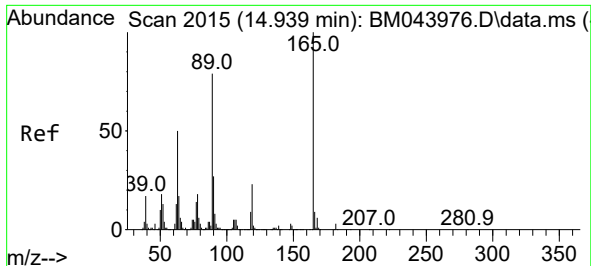
Tgt Ion:168 Resp: 452645
Ion Ratio Lower Upper
168 100
139 39.1 30.7 46.1
169 13.7 10.5 15.7



#56
4-Nitrophenol
Concen: 3.277 ng
RT: 14.780 min Scan# 1988
Delta R.T. 0.000 min
Lab File: BM043995.D
Acq: 06 Feb 2024 17:03

Tgt Ion:139 Resp: 52580
Ion Ratio Lower Upper
139 100
109 70.8 53.2 93.2
65 103.2 80.7 120.7





#57

2,4-Dinitrotoluene

Concen: 3.514 ng

RT: 14.933 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BM043995.D

Acq: 06 Feb 2024 17:03

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2024

Tgt Ion:165 Resp: 77352

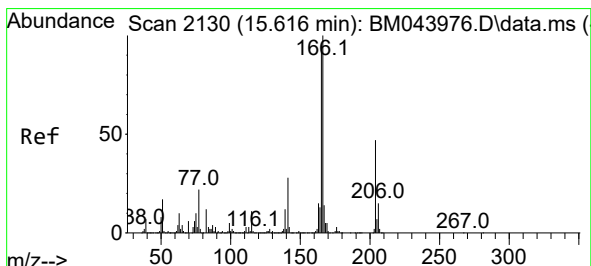
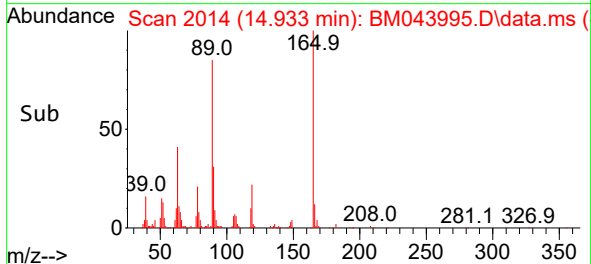
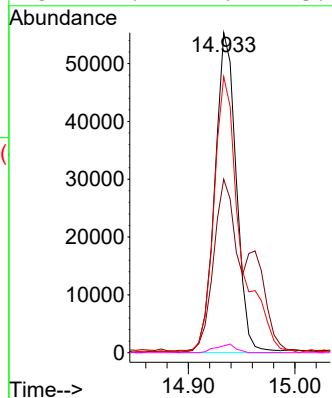
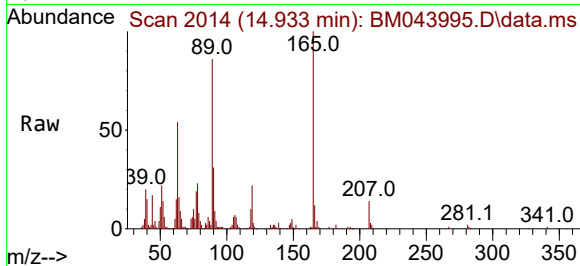
Ion Ratio Lower Upper

165 100

63 54.2 40.2 60.4

89 86.2 63.3 94.9

182 2.2 2.1 3.1



#58

Fluorene

Concen: 4.966 ng

RT: 15.616 min Scan# 2130

Delta R.T. 0.000 min

Lab File: BM043995.D

Acq: 06 Feb 2024 17:03

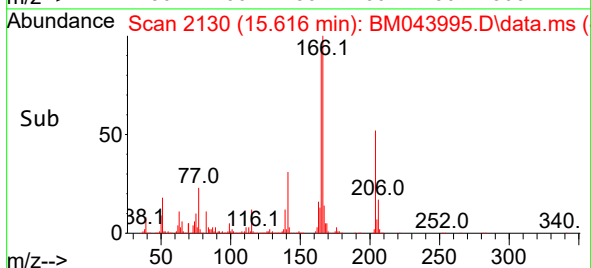
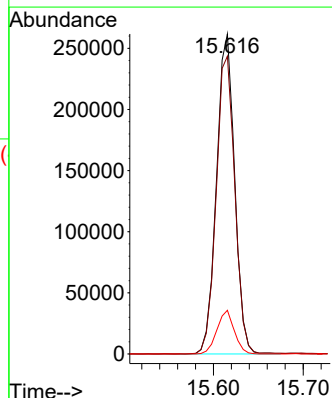
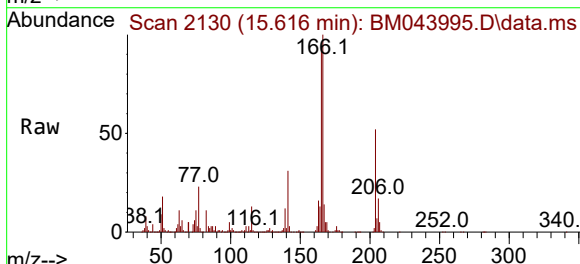
Tgt Ion:166 Resp: 367362

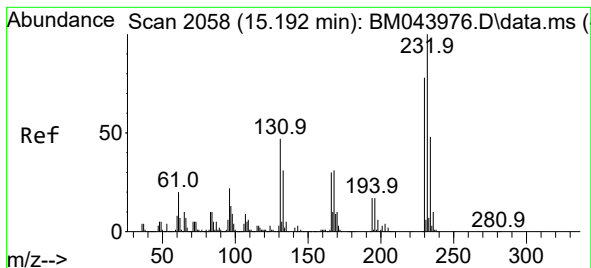
Ion Ratio Lower Upper

166 100

165 93.1 76.3 114.5

167 13.6 10.9 16.3

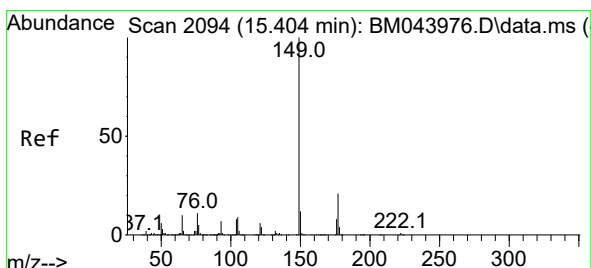
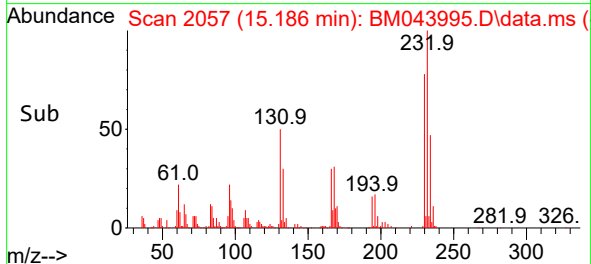
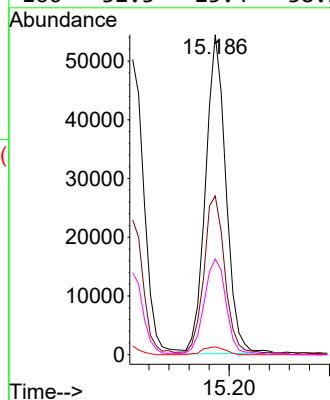
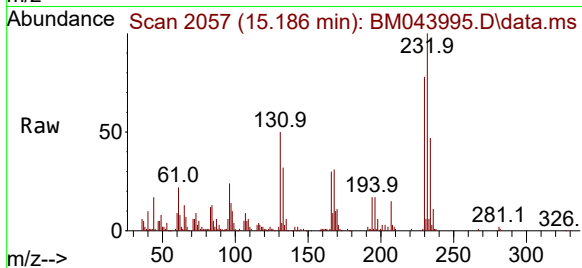




#59
2,3,4,6-Tetrachlorophenol
Concen: 4.397 ng
RT: 15.186 min Scan# 2057
Delta R.T. -0.006 min
Lab File: BM043995.D
Acq: 06 Feb 2024 17:03

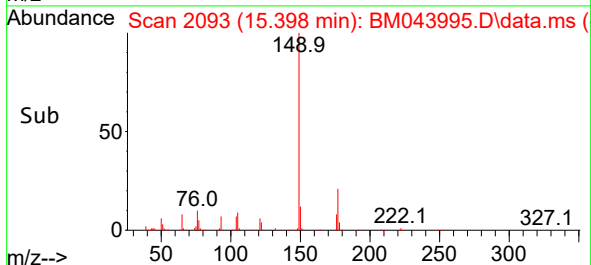
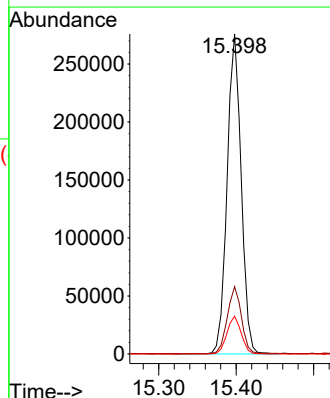
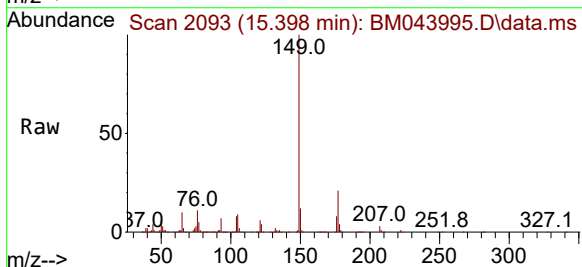
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2024

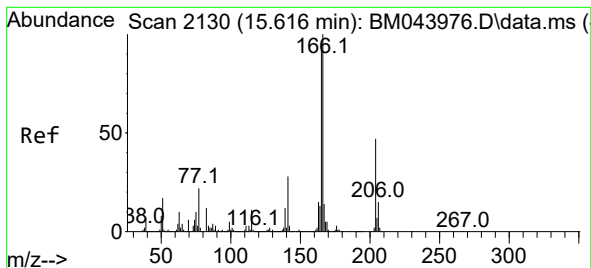
Tgt Ion:232	Resp:	76777
Ion Ratio	Lower	Upper
232	100	
131	52.7	39.8 59.6
130	2.7	2.0 3.0
166	32.3	25.4 38.2



#60
Diethylphthalate
Concen: 4.674 ng
RT: 15.398 min Scan# 2093
Delta R.T. -0.006 min
Lab File: BM043995.D
Acq: 06 Feb 2024 17:03

Tgt Ion:149	Resp:	348099
Ion Ratio	Lower	Upper
149	100	
177	21.1	17.1 25.7
150	11.8	9.8 14.6

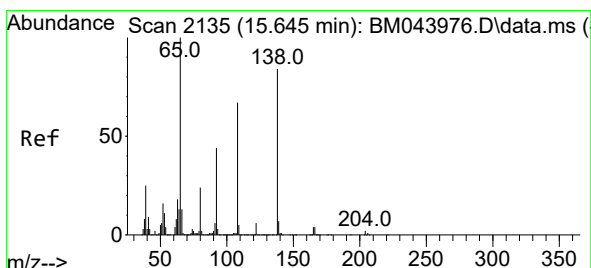
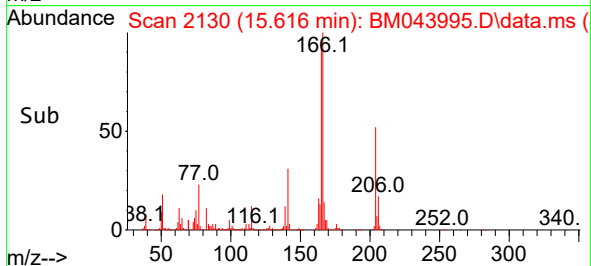
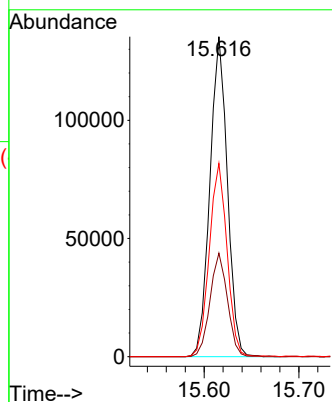
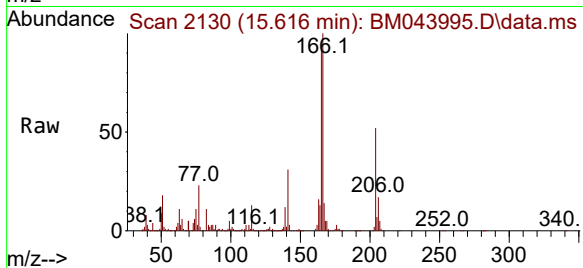




#61
4-Chlorophenyl-phenylether
Concen: 5.018 ng
RT: 15.616 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BM043995.D
Acq: 06 Feb 2024 17:03

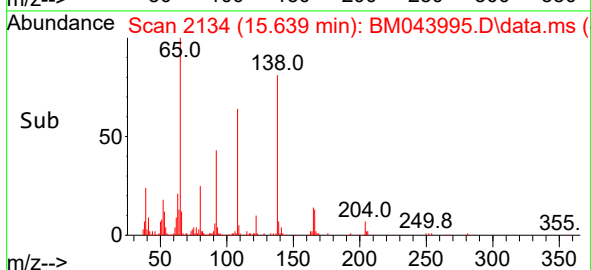
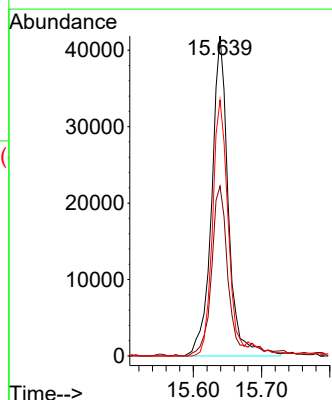
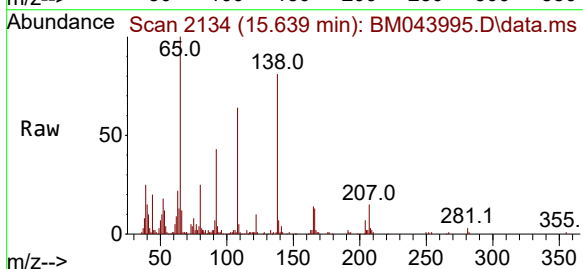
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2024

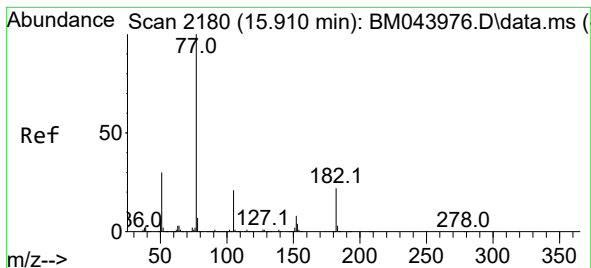
Tgt Ion:204 Resp: 173177
Ion Ratio Lower Upper
204 100
206 32.4 26.2 39.2
141 60.4 48.6 72.8



#62
4-Nitroaniline
Concen: 3.557 ng
RT: 15.639 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BM043995.D
Acq: 06 Feb 2024 17:03

Tgt Ion:138 Resp: 71389
Ion Ratio Lower Upper
138 100
92 53.0 32.7 72.7
108 80.0 60.0 100.0





#63

Azobenzene

Concen: 4.691 ng

RT: 15.910 min Scan# 2180

Delta R.T. 0.000 min

Lab File: BM043995.D

Acq: 06 Feb 2024 17:03

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2024

Tgt Ion: 77 Resp: 348969

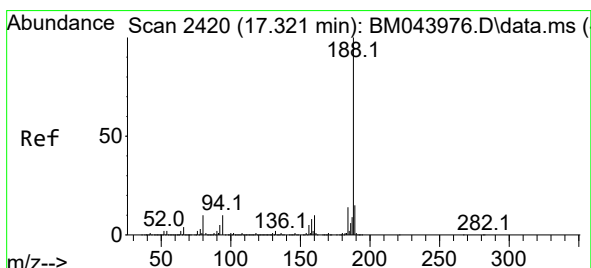
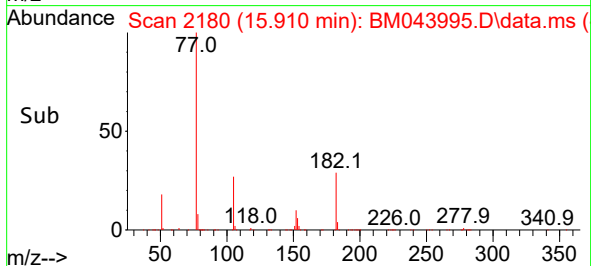
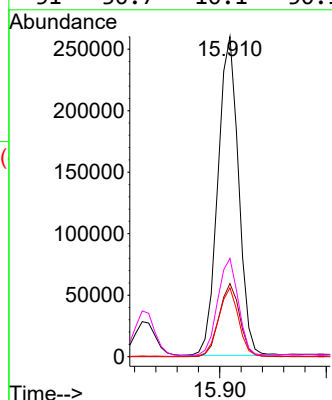
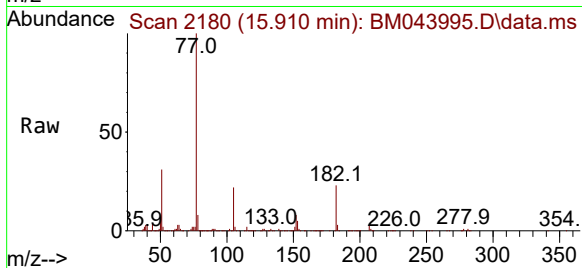
Ion Ratio Lower Upper

77 100

182 22.8 2.0 42.0

105 21.5 0.5 40.5

51 30.7 10.1 50.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.315 min Scan# 2419

Delta R.T. -0.006 min

Lab File: BM043995.D

Acq: 06 Feb 2024 17:03

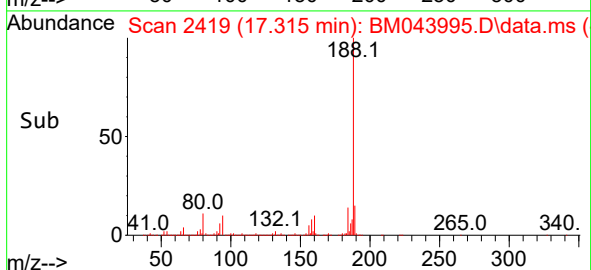
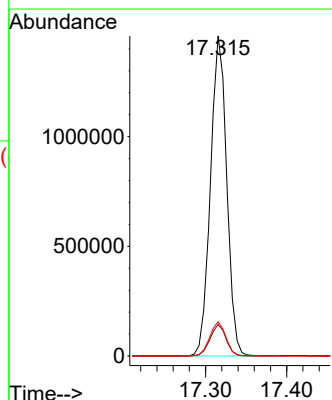
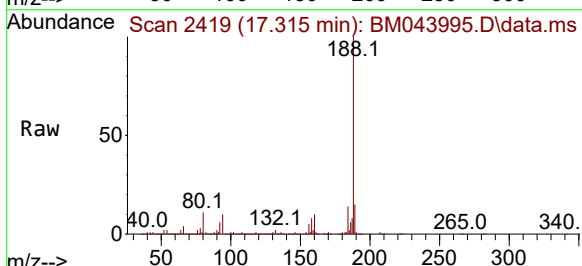
Tgt Ion:188 Resp: 2029031

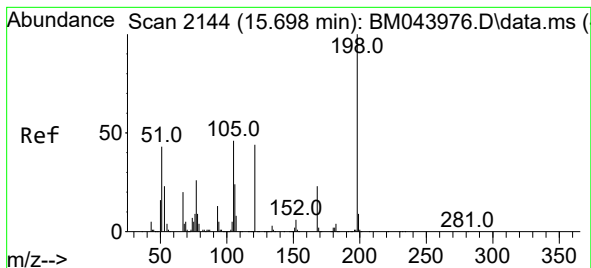
Ion Ratio Lower Upper

188 100

94 9.8 7.7 11.5

80 10.7 8.2 12.4

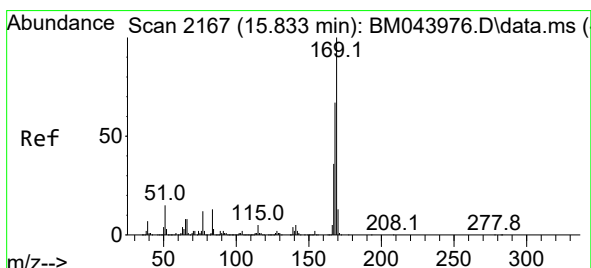
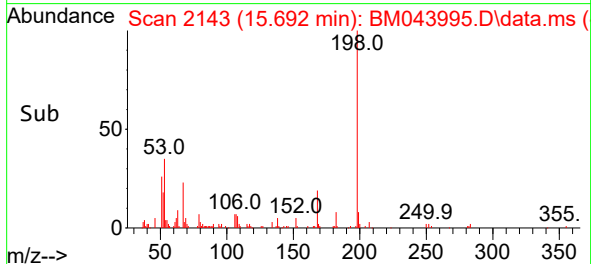
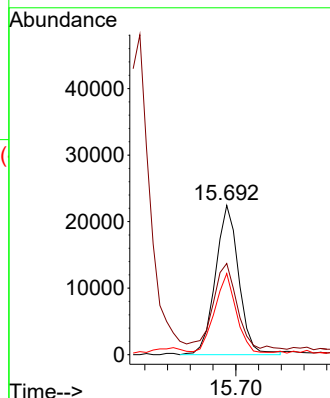
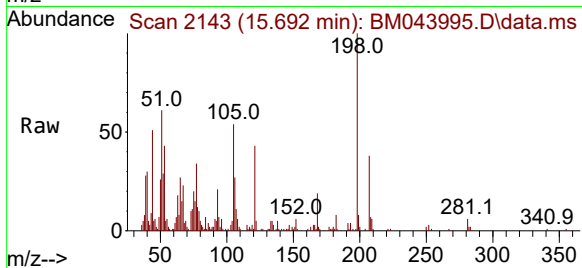




#65
4,6-Dinitro-2-methylphenol
Concen: 8.426 ng
RT: 15.692 min Scan# 2143
Delta R.T. -0.006 min
Lab File: BM043995.D
Acq: 06 Feb 2024 17:03

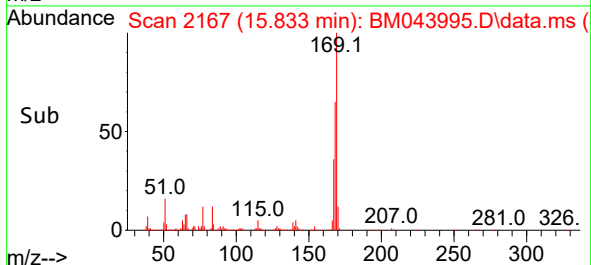
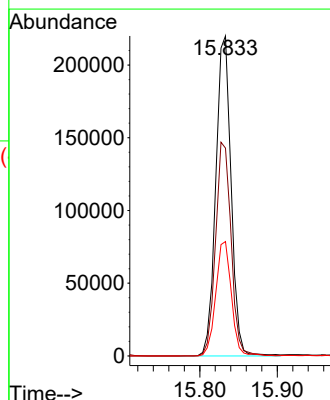
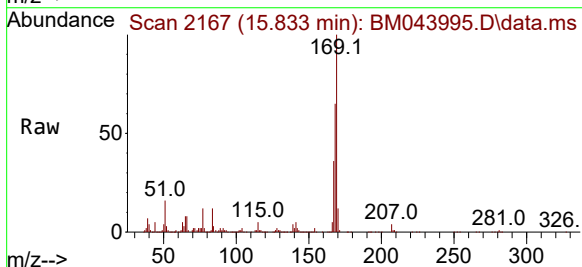
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2024

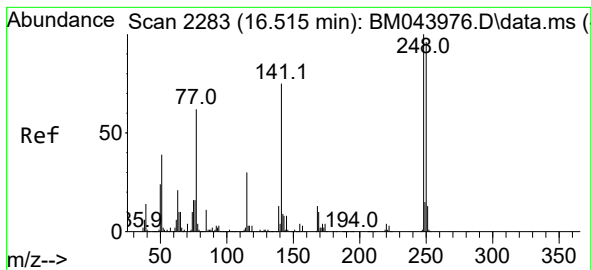
Tgt Ion:198 Resp: 32049
Ion Ratio Lower Upper
198 100
51 61.1 31.9 71.9
105 54.3 28.1 68.1



#66
n-Nitrosodiphenylamine
Concen: 4.989 ng
RT: 15.833 min Scan# 2167
Delta R.T. 0.000 min
Lab File: BM043995.D
Acq: 06 Feb 2024 17:03

Tgt Ion:169 Resp: 301535
Ion Ratio Lower Upper
169 100
168 65.0 53.4 80.2
167 35.7 29.0 43.4

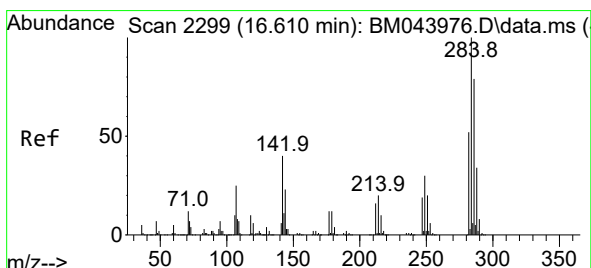
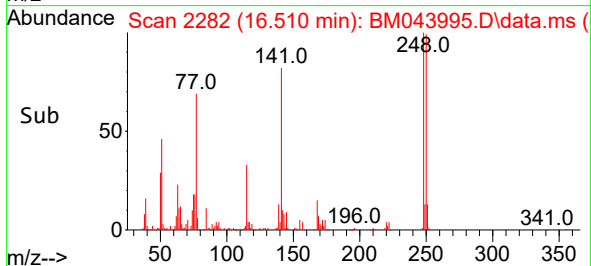
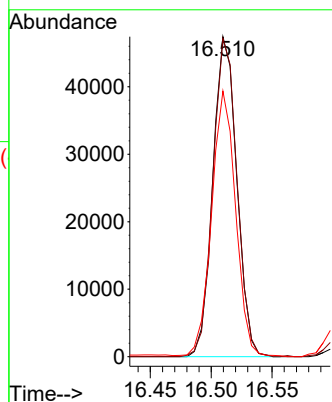
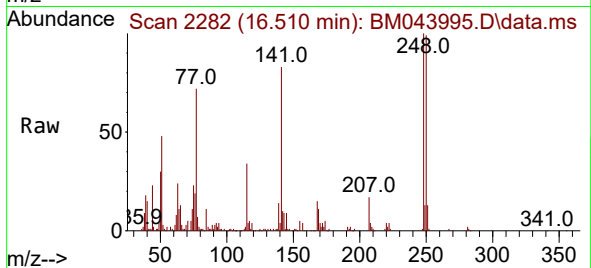




#67
4-Bromophenyl-phenylether
Concen: 3.235 ng
RT: 16.510 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM043995.D
Acq: 06 Feb 2024 17:03

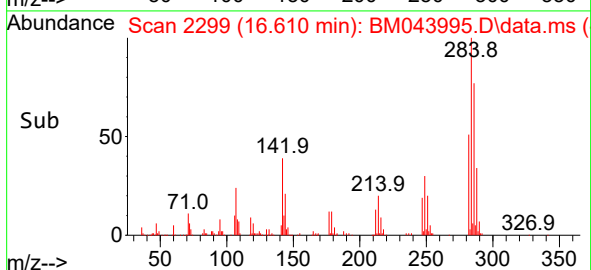
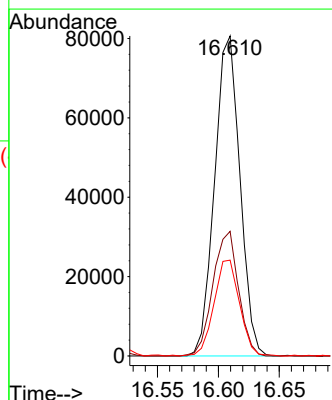
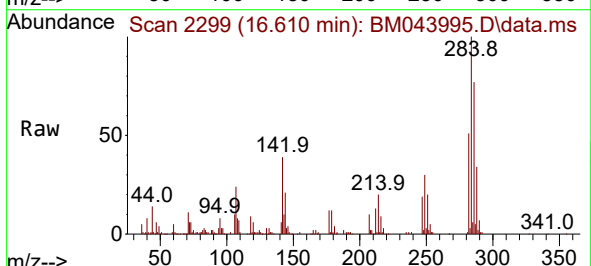
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2024

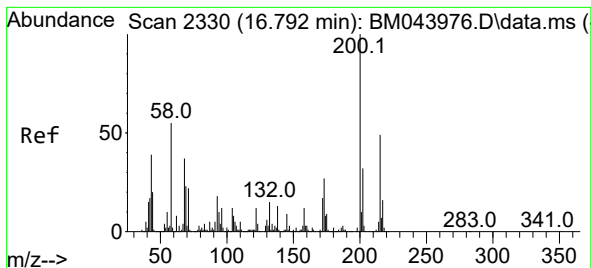
Tgt Ion:248 Resp: 64656
Ion Ratio Lower Upper
248 100
250 99.5 77.0 115.4
141 83.0 59.9 89.9



#68
Hexachlorobenzene
Concen: 4.891 ng
RT: 16.610 min Scan# 2299
Delta R.T. 0.000 min
Lab File: BM043995.D
Acq: 06 Feb 2024 17:03

Tgt Ion:284 Resp: 116573
Ion Ratio Lower Upper
284 100
142 39.0 32.2 48.4
249 30.0 24.4 36.6





#69

Atrazine

Concen: 5.557 ng

RT: 16.786 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM043995.D

Acq: 06 Feb 2024 17:03

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2024

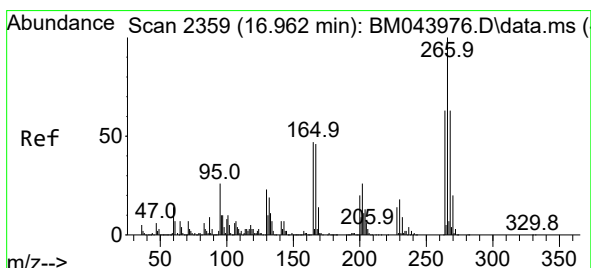
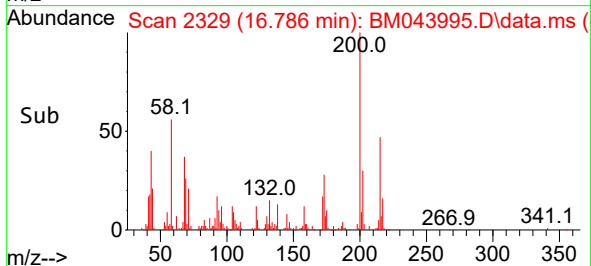
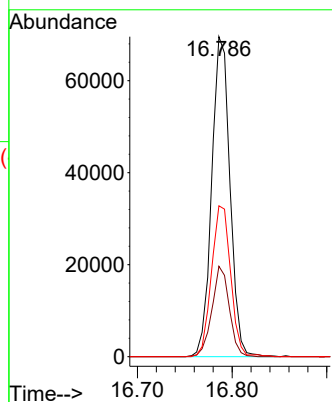
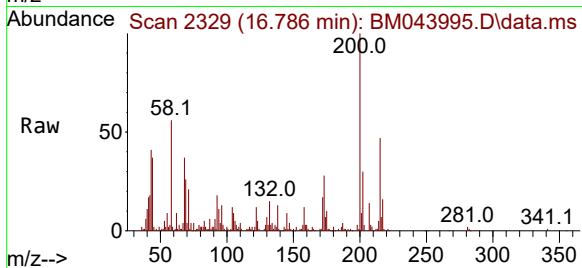
Tgt Ion:200 Resp: 92920

Ion Ratio Lower Upper

200 100

173 28.3 7.3 47.3

215 47.2 28.7 68.7



#70

Pentachlorophenol

Concen: 3.065 ng

RT: 16.957 min Scan# 2358

Delta R.T. -0.005 min

Lab File: BM043995.D

Acq: 06 Feb 2024 17:03

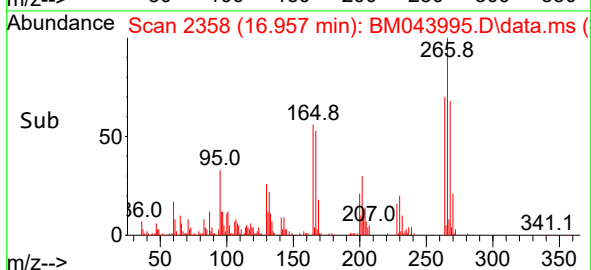
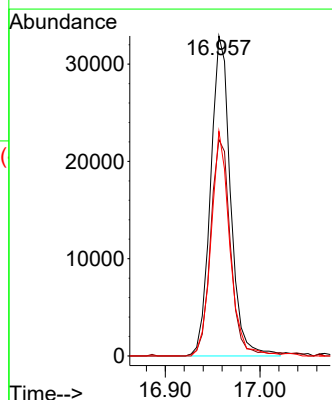
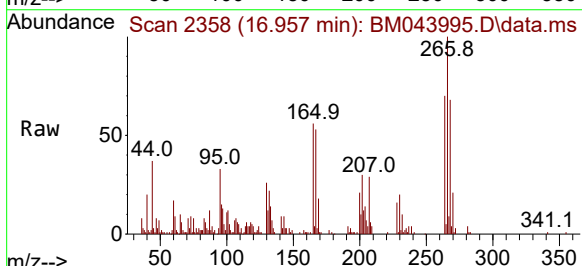
Tgt Ion:266 Resp: 47961

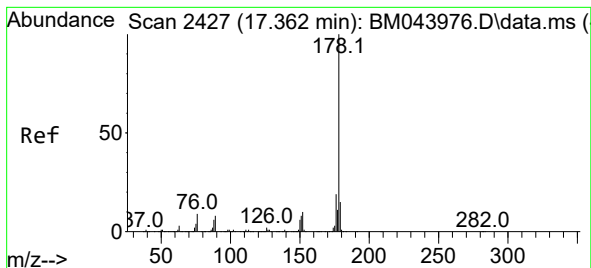
Ion Ratio Lower Upper

266 100

268 67.6 50.6 76.0

264 70.2 50.6 76.0





#71

Phenanthrene

Concen: 5.166 ng

RT: 17.357 min Scan# 2427

Delta R.T. -0.006 min

Lab File: BM043995.D

Acq: 06 Feb 2024 17:03

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2024

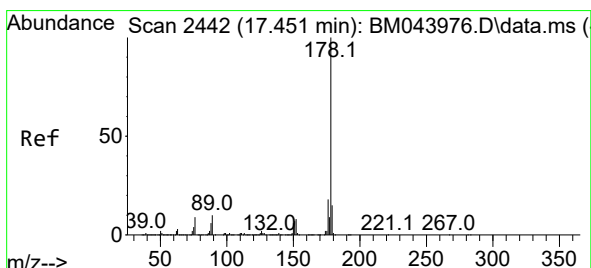
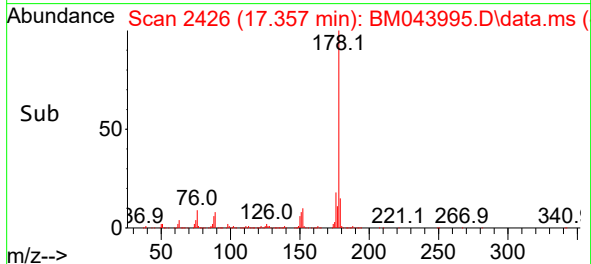
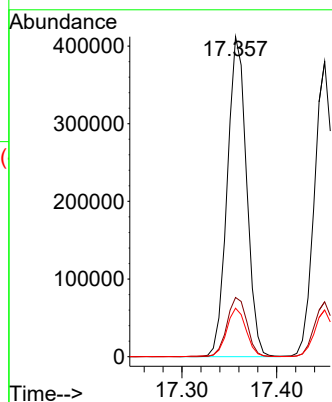
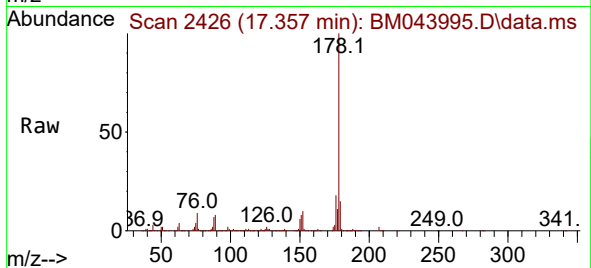
Tgt Ion:178 Resp: 583796

Ion Ratio Lower Upper

178 100

176 18.5 15.3 22.9

179 15.1 12.4 18.6



#72

Anthracene

Concen: 4.908 ng

RT: 17.451 min Scan# 2442

Delta R.T. 0.000 min

Lab File: BM043995.D

Acq: 06 Feb 2024 17:03

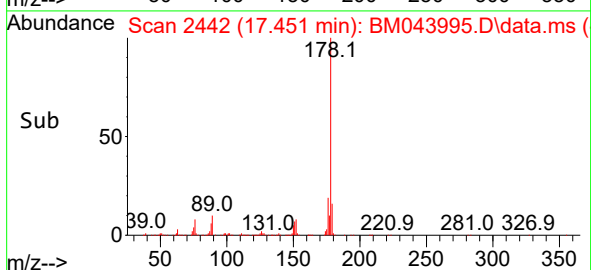
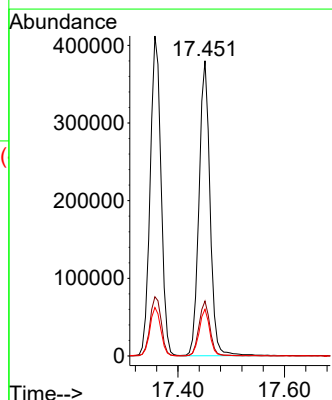
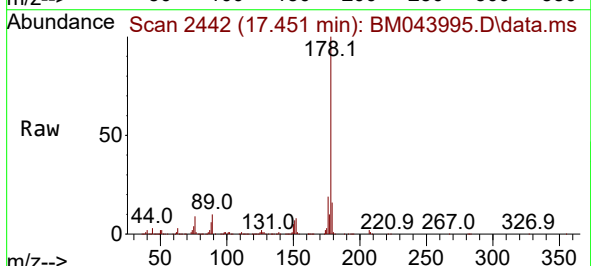
Tgt Ion:178 Resp: 542988

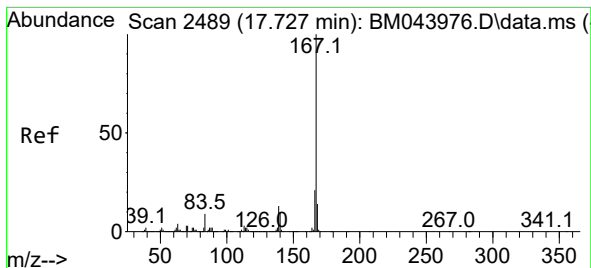
Ion Ratio Lower Upper

178 100

176 18.6 14.6 22.0

179 15.8 12.2 18.4





#73

Carbazole

Concen: 4.569 ng

RT: 17.727 min Scan# 2489

Delta R.T. 0.000 min

Lab File: BM043995.D

Acq: 06 Feb 2024 17:03

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2024

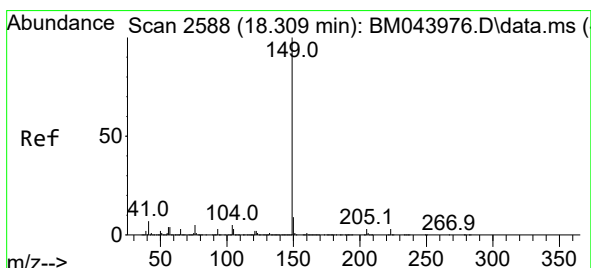
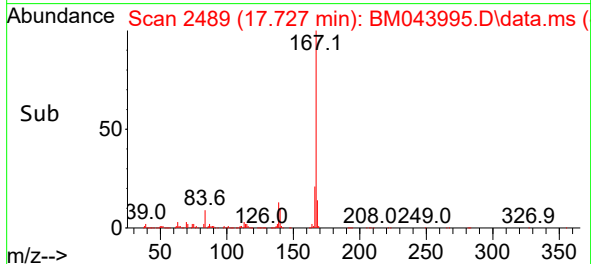
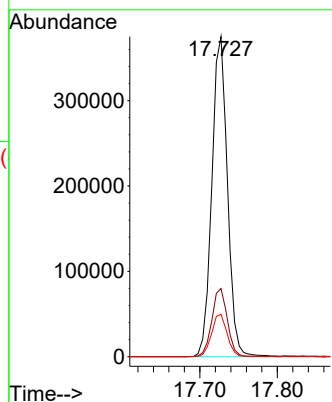
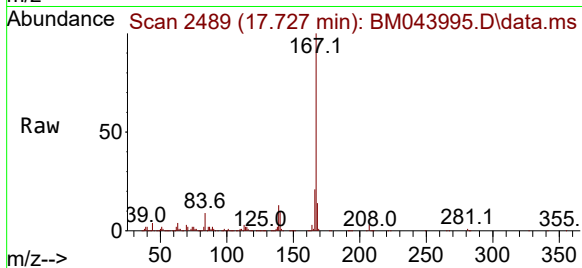
Tgt Ion:167 Resp: 523506

Ion Ratio Lower Upper

167 100

166 21.3 17.1 25.7

139 13.2 10.6 15.8



#74

Di-n-butylphthalate

Concen: 4.396 ng

RT: 18.304 min Scan# 2587

Delta R.T. -0.005 min

Lab File: BM043995.D

Acq: 06 Feb 2024 17:03

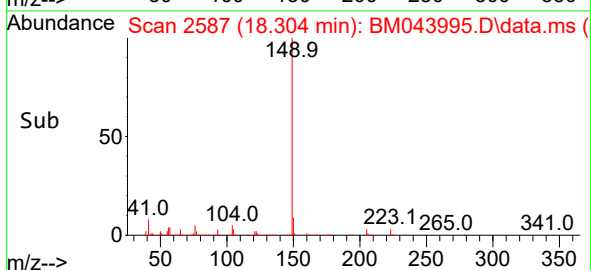
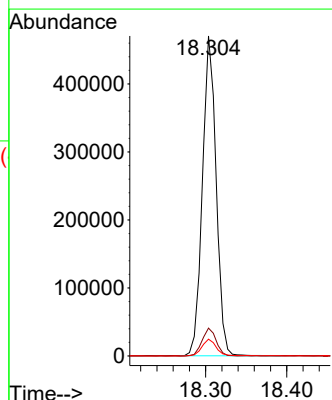
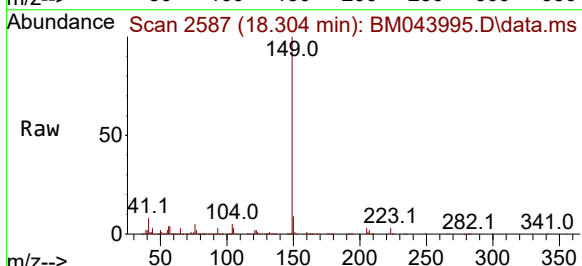
Tgt Ion:149 Resp: 552439

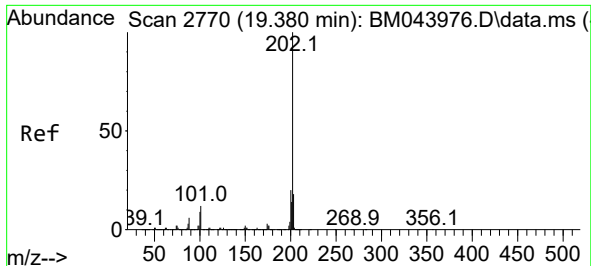
Ion Ratio Lower Upper

149 100

150 8.7 7.4 11.0

104 5.2 4.1 6.1

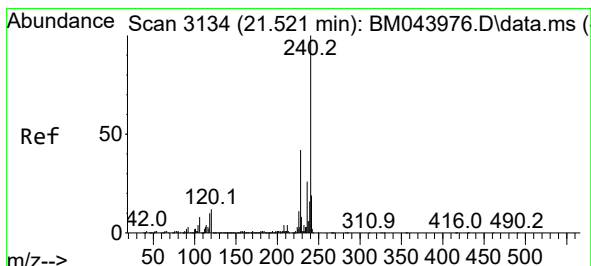
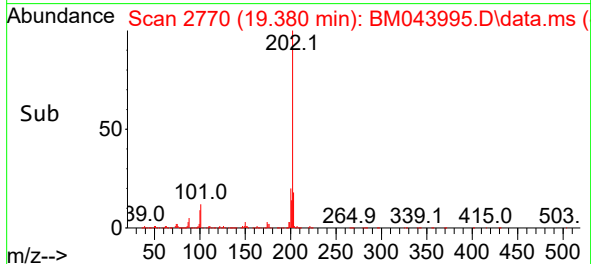
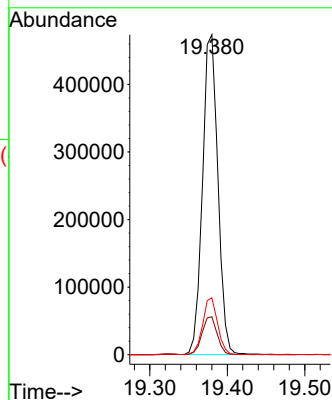
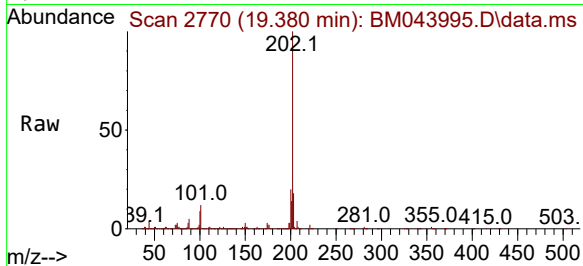




#75
Fluoranthene
Concen: 4.674 ng
RT: 19.380 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM043995.D
Acq: 06 Feb 2024 17:03

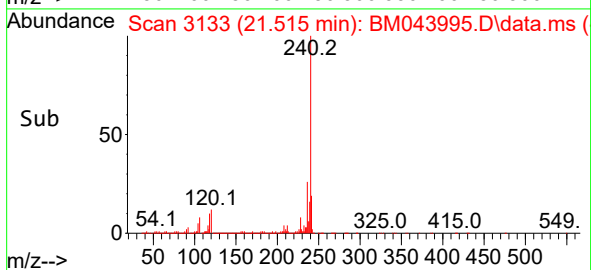
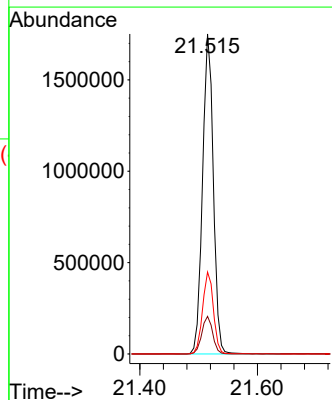
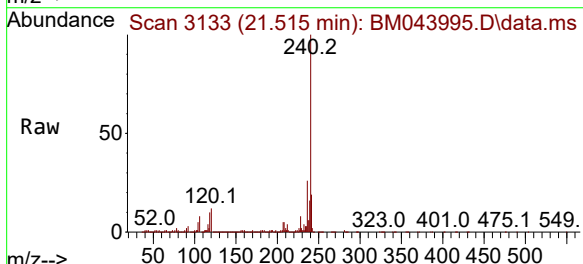
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2024

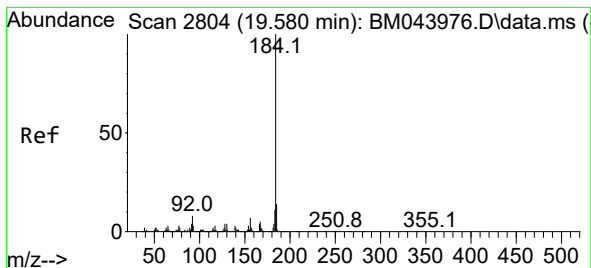
Tgt Ion:202 Resp: 653298
Ion Ratio Lower Upper
202 100
101 11.9 0.0 31.9
203 17.7 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.515 min Scan# 3133
Delta R.T. -0.006 min
Lab File: BM043995.D
Acq: 06 Feb 2024 17:03

Tgt Ion:240 Resp: 2223459
Ion Ratio Lower Upper
240 100
120 11.8 9.3 13.9
236 25.6 20.5 30.7





#77

Benzidine

Concen: 8.229 ng

RT: 19.574 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM043995.D

Acq: 06 Feb 2024 17:03

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2024

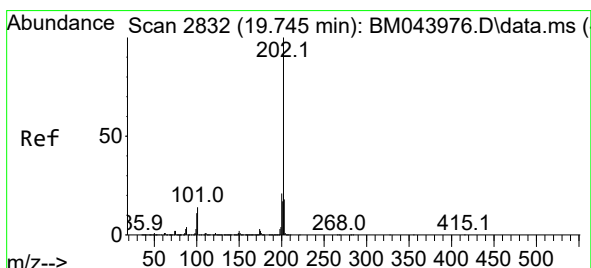
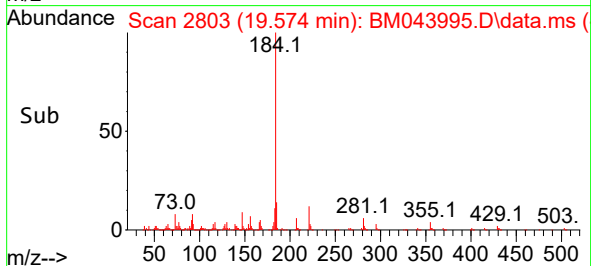
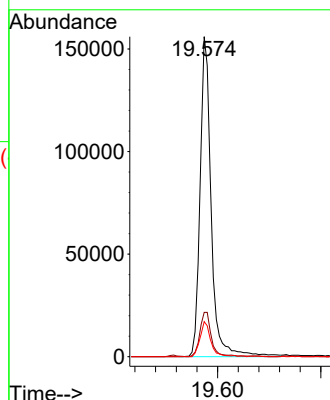
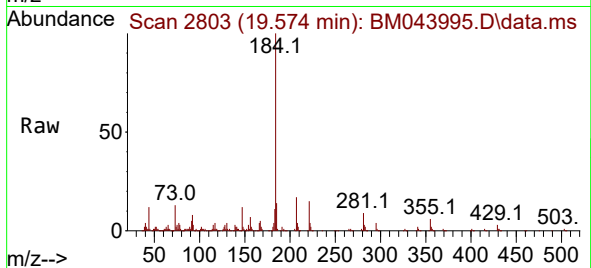
Tgt Ion:184 Resp: 232151

Ion Ratio Lower Upper

184 100

185 13.8 11.5 17.3

183 11.0 8.9 13.3



#78

Pyrene

Concen: 4.667 ng

RT: 19.739 min Scan# 2831

Delta R.T. -0.006 min

Lab File: BM043995.D

Acq: 06 Feb 2024 17:03

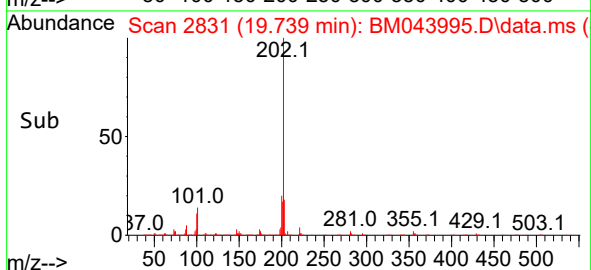
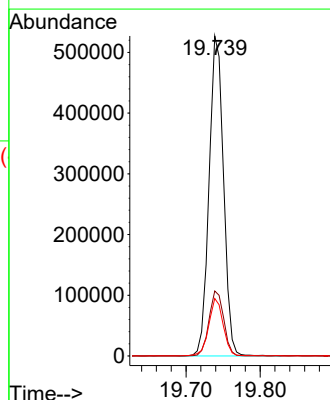
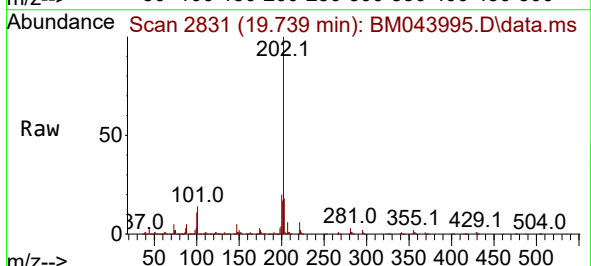
Tgt Ion:202 Resp: 713343

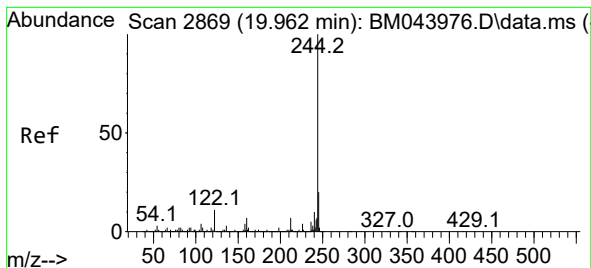
Ion Ratio Lower Upper

202 100

200 20.3 16.8 25.2

203 17.9 14.2 21.4





#79

Terphenyl-d14

Concen: 94.770 ng

RT: 19.956 min Scan# 2

Delta R.T. -0.006 min

Lab File: BM043995.D

Acq: 06 Feb 2024 17:03

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2024

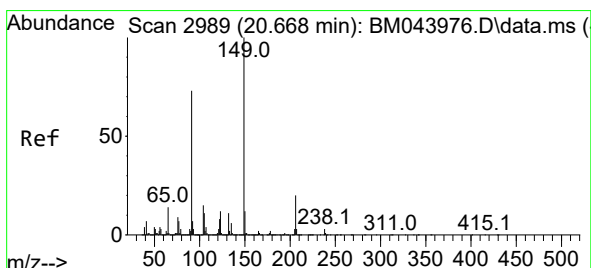
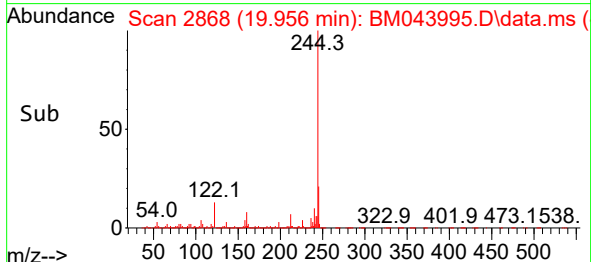
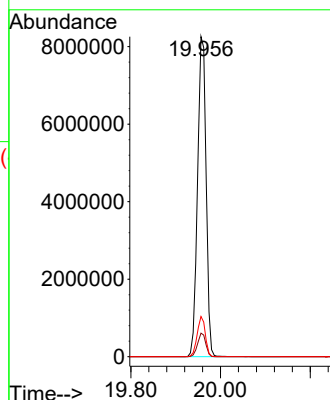
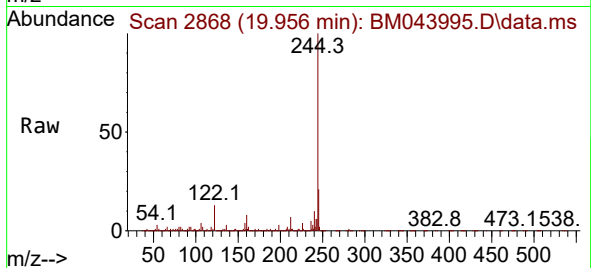
Tgt Ion:244 Resp:10915583

Ion Ratio Lower Upper

244 100

212 7.3 5.5 8.3

122 12.5 8.7 13.1



#80

Butylbenzylphthalate

Concen: 4.727 ng

RT: 20.662 min Scan# 2988

Delta R.T. -0.006 min

Lab File: BM043995.D

Acq: 06 Feb 2024 17:03

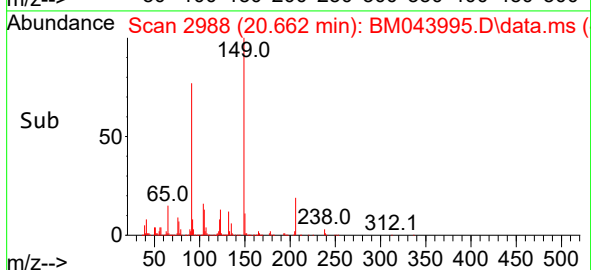
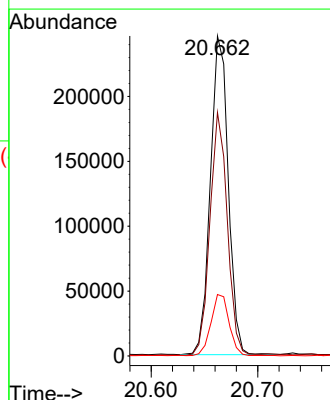
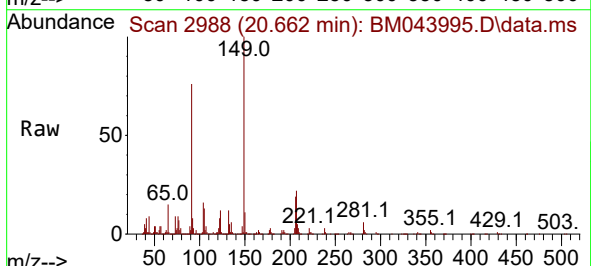
Tgt Ion:149 Resp: 286068

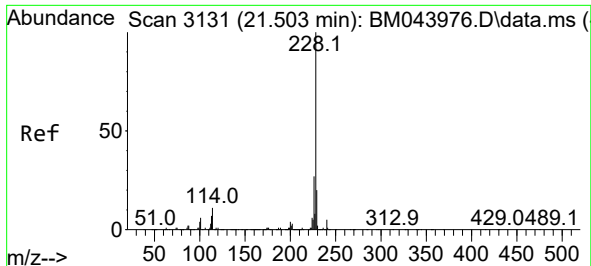
Ion Ratio Lower Upper

149 100

91 76.1 58.4 87.6

206 19.2 15.8 23.6

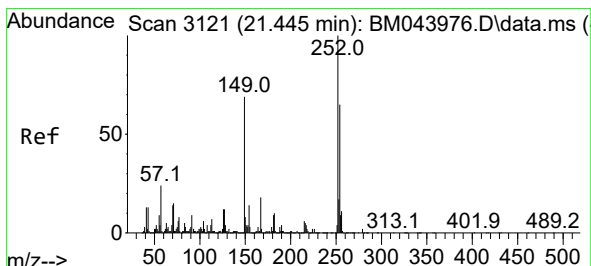
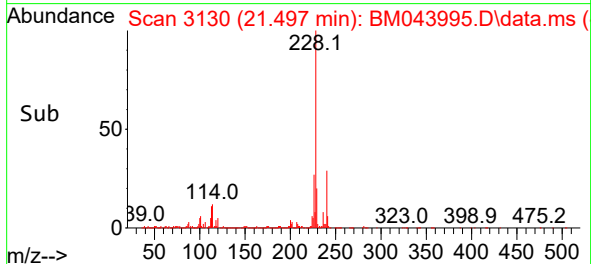
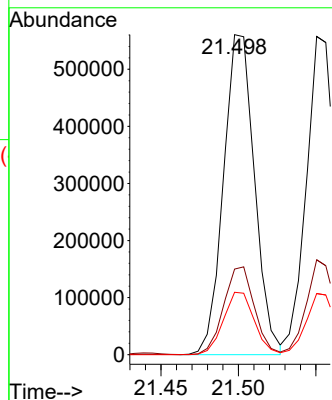
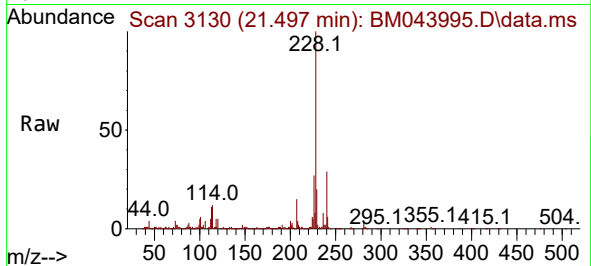




#81
Benzo(a)anthracene
Concen: 5.015 ng
RT: 21.497 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM043995.D
Acq: 06 Feb 2024 17:03

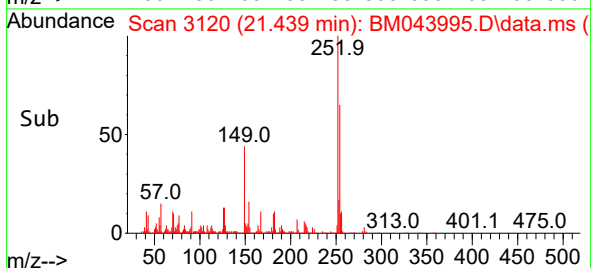
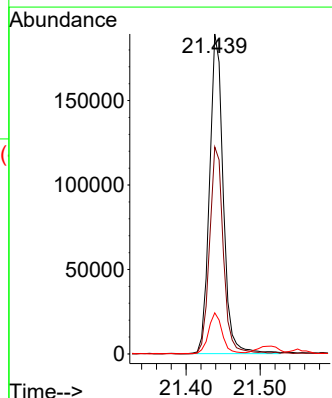
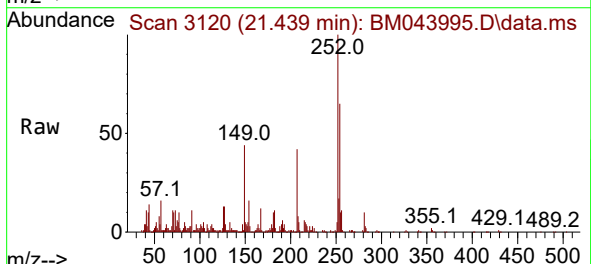
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2024

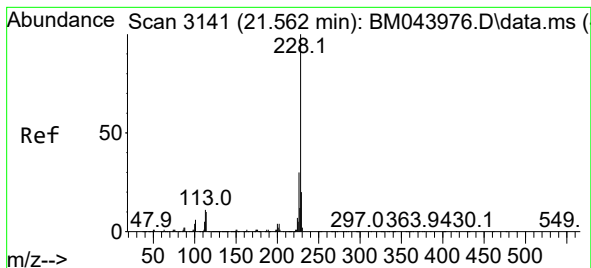
Tgt Ion:228 Resp: 782349
Ion Ratio Lower Upper
228 100
226 26.7 21.8 32.8
229 19.5 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 4.869 ng
RT: 21.439 min Scan# 3120
Delta R.T. -0.006 min
Lab File: BM043995.D
Acq: 06 Feb 2024 17:03

Tgt Ion:252 Resp: 242839
Ion Ratio Lower Upper
252 100
254 64.7 51.6 77.4
126 12.8 9.4 14.2





#83

Chrysene

Concen: 4.947 ng

RT: 21.550 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM043995.D

Acq: 06 Feb 2024 17:03

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2024

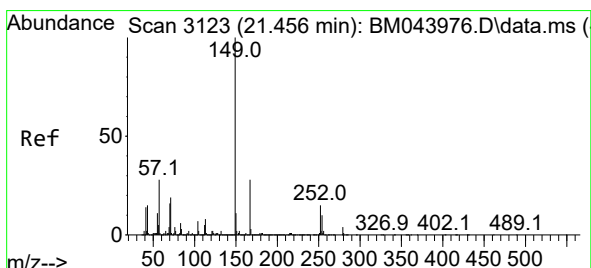
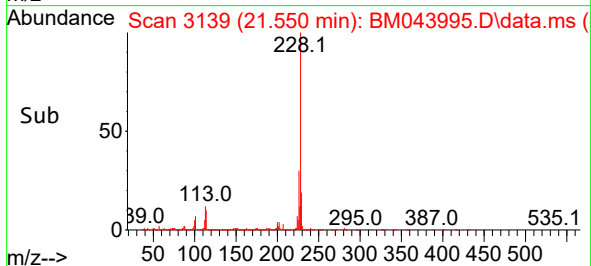
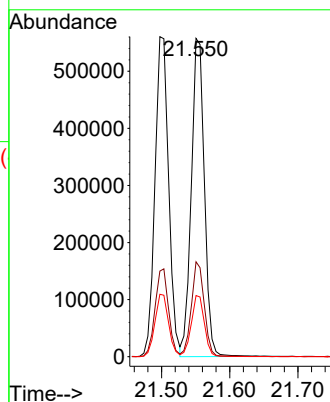
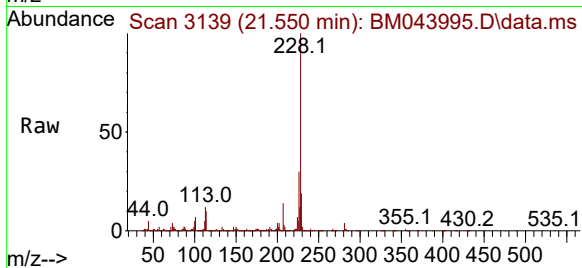
Tgt Ion:228 Resp: 739285

Ion Ratio Lower Upper

228 100

226 29.8 24.2 36.4

229 19.2 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.424 ng

RT: 21.450 min Scan# 3122

Delta R.T. -0.006 min

Lab File: BM043995.D

Acq: 06 Feb 2024 17:03

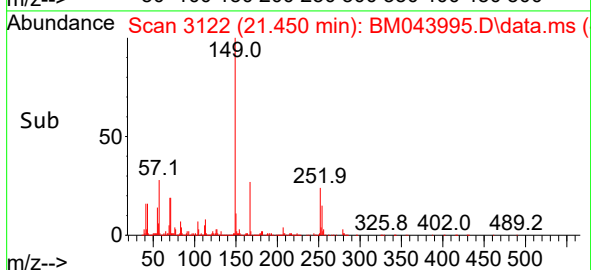
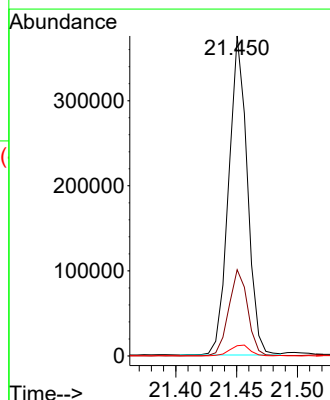
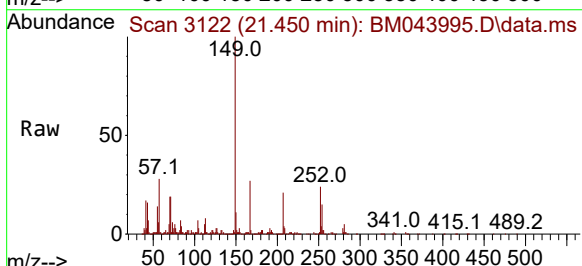
Tgt Ion:149 Resp: 398162

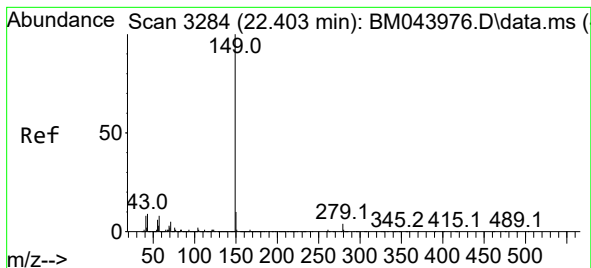
Ion Ratio Lower Upper

149 100

167 26.9 22.0 33.0

279 3.2 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 3.965 ng

RT: 22.397 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM043995.D

Acq: 06 Feb 2024 17:03

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2024

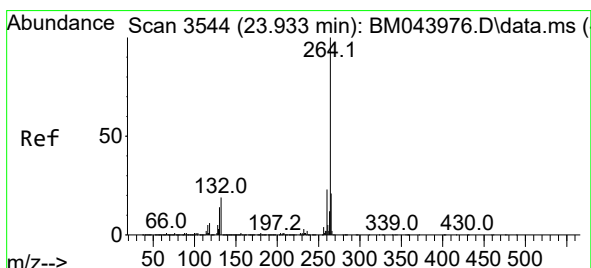
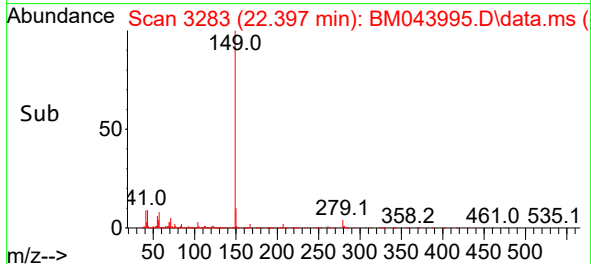
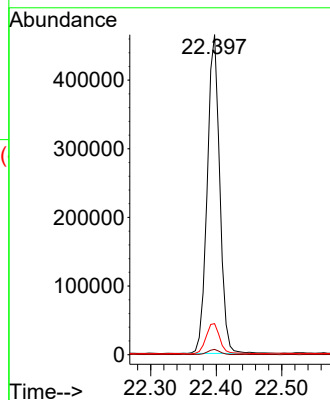
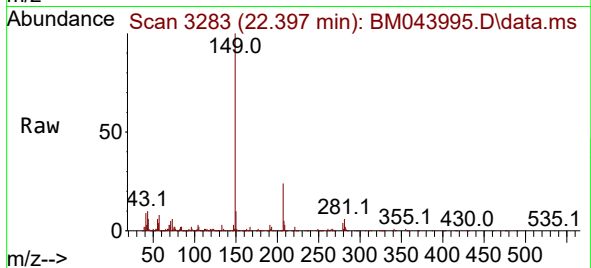
Tgt Ion:149 Resp: 614750

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.5 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: BM043995.D

Acq: 06 Feb 2024 17:03

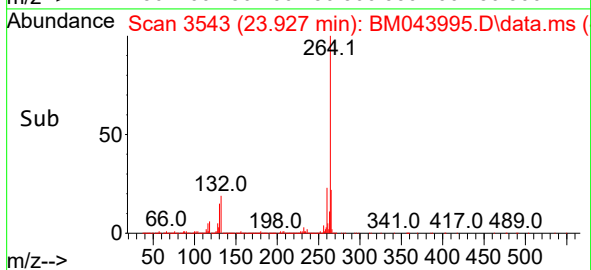
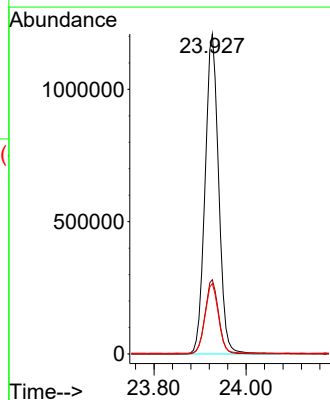
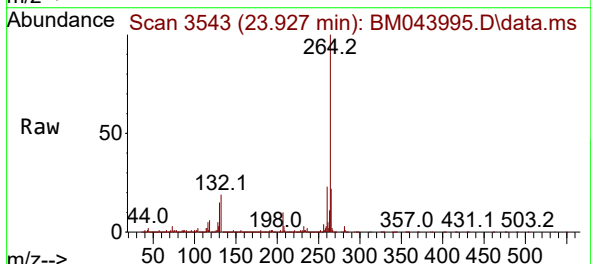
Tgt Ion:264 Resp: 2484688

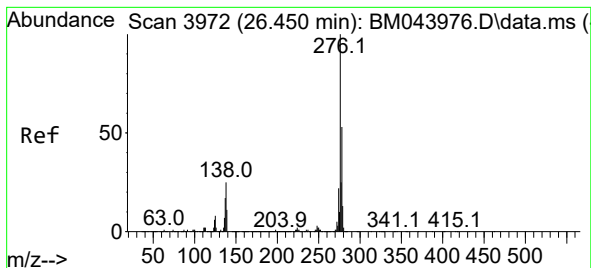
Ion Ratio Lower Upper

264 100

260 23.2 18.6 28.0

265 22.0 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.682 ng

RT: 26.421 min Scan# 3972

Delta R.T. -0.029 min

Lab File: BM043995.D

Acq: 06 Feb 2024 17:03

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2024

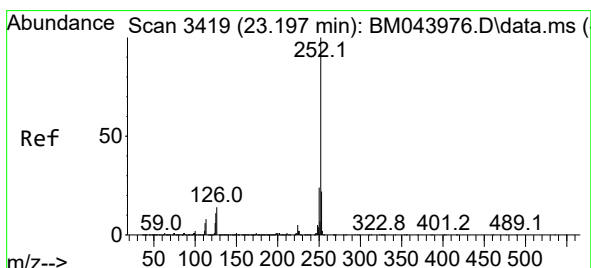
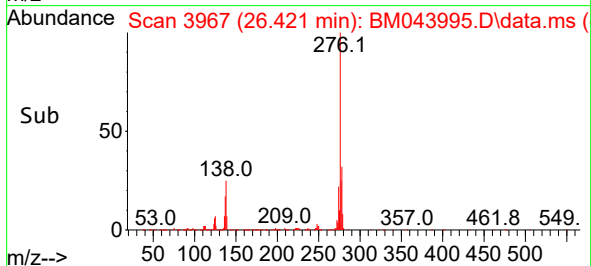
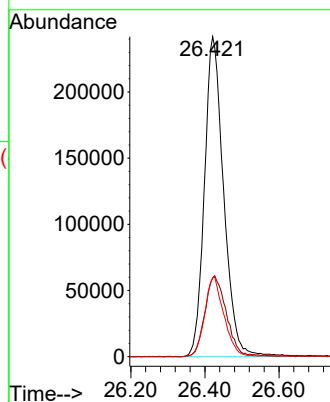
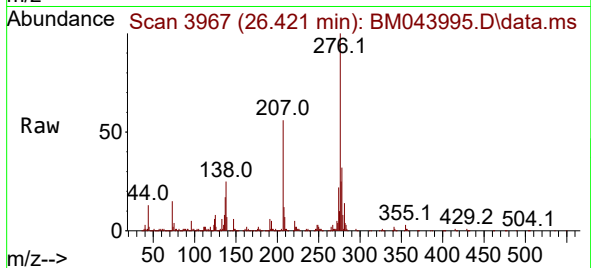
Tgt Ion:276 Resp: 870481

Ion Ratio Lower Upper

276 100

138 28.2 21.8 32.6

277 24.9 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 4.837 ng

RT: 23.192 min Scan# 3418

Delta R.T. -0.006 min

Lab File: BM043995.D

Acq: 06 Feb 2024 17:03

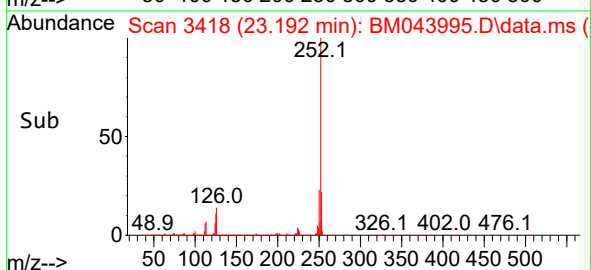
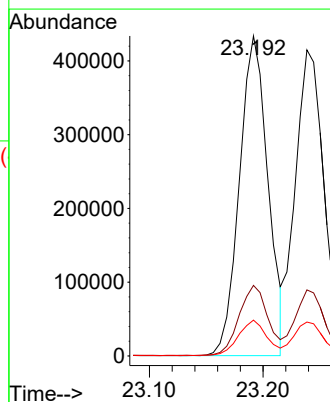
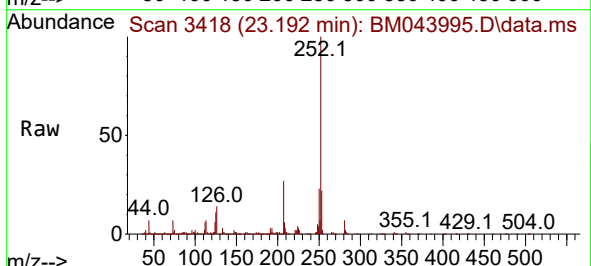
Tgt Ion:252 Resp: 755945

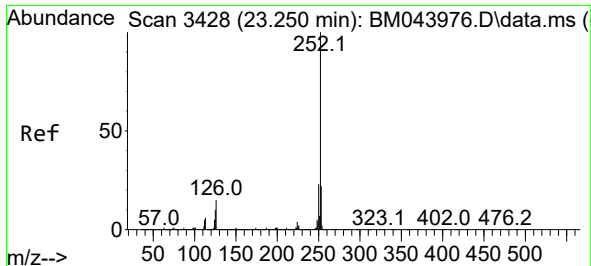
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 11.2 9.0 13.6

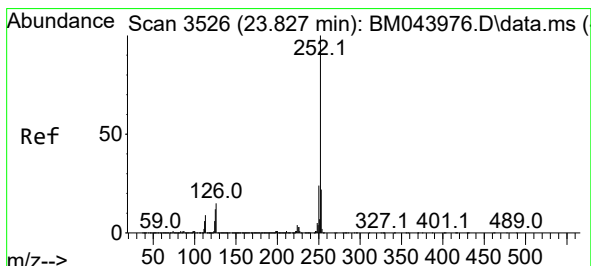
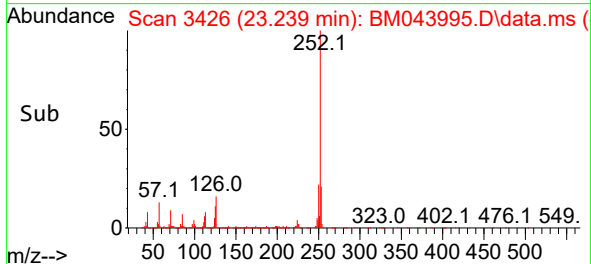
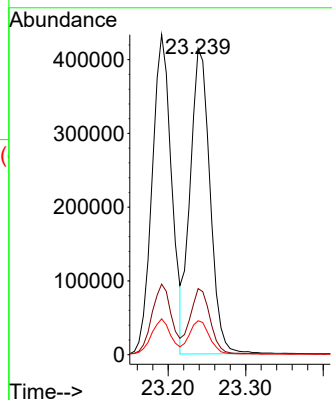
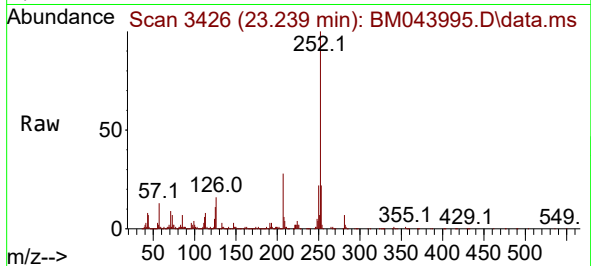




#89
Benzo(k)fluoranthene
Concen: 4.899 ng
RT: 23.239 min Scan# 34
Delta R.T. -0.012 min
Lab File: BM043995.D
Acq: 06 Feb 2024 17:03

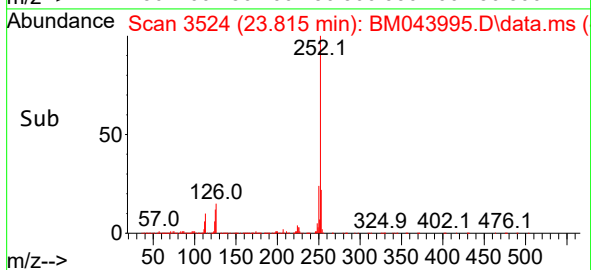
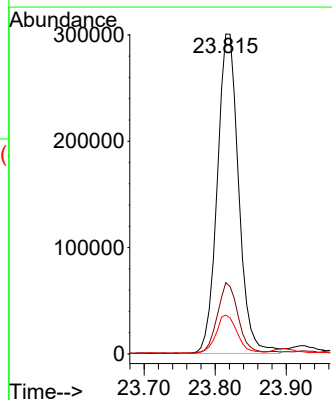
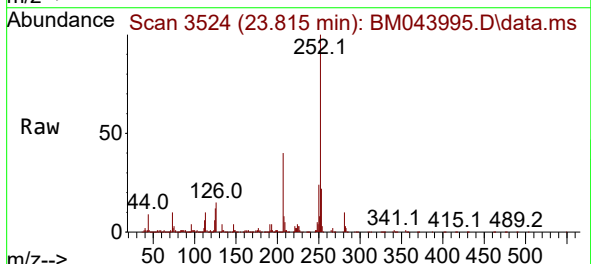
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2024

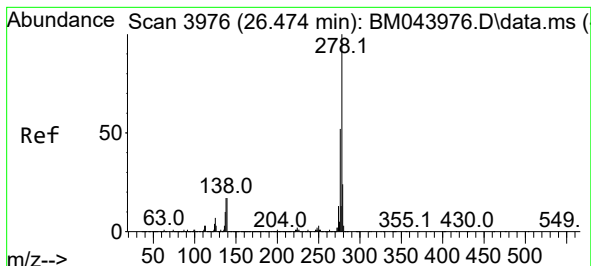
Tgt Ion:252 Resp: 734549
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.2
125 11.1 8.3 12.5



#90
Benzo(a)pyrene
Concen: 4.537 ng
RT: 23.815 min Scan# 3524
Delta R.T. -0.012 min
Lab File: BM043995.D
Acq: 06 Feb 2024 17:03

Tgt Ion:252 Resp: 626847
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 12.1 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 4.747 ng

RT: 26.450 min Scan# 3

Delta R.T. -0.024 min

Lab File: BM043995.D

Acq: 06 Feb 2024 17:03

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2024

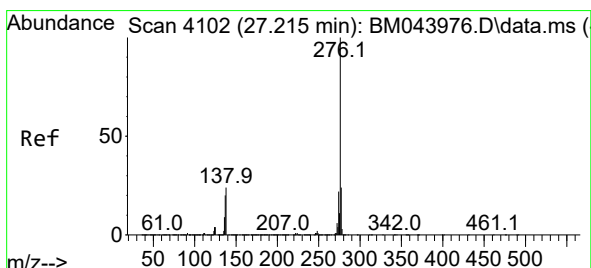
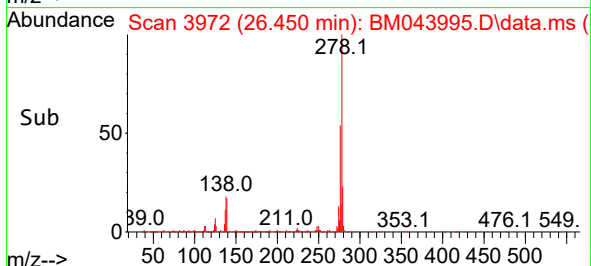
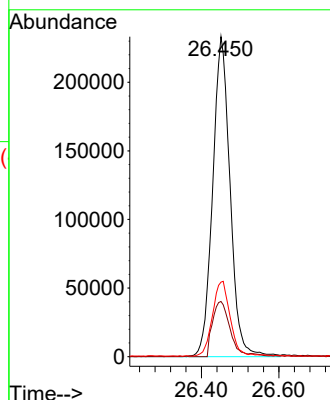
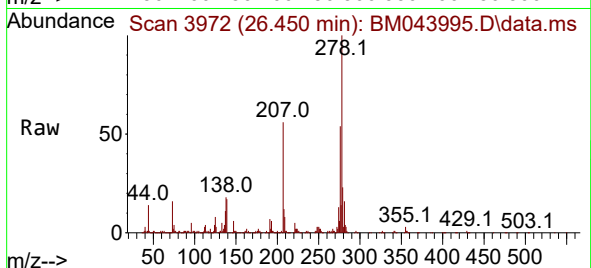
Tgt Ion:278 Resp: 727927

Ion Ratio Lower Upper

278 100

139 17.3 13.7 20.5

279 23.3 19.3 28.9



#92

Benzo(g,h,i)perylene

Concen: 4.518 ng

RT: 27.191 min Scan# 4098

Delta R.T. -0.024 min

Lab File: BM043995.D

Acq: 06 Feb 2024 17:03

Tgt Ion:276 Resp: 706653

Ion Ratio Lower Upper

276 100

277 23.6 19.0 28.4

138 23.7 18.8 28.2

