

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031623\
 Data File : BM039019.D
 Acq On : 16 Mar 2023 16:57
 Operator : CG/JU
 Sample : 01627-08
 Misc : LOQ-WATER-10ppm
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT1-2023

Quant Time: Mar 17 06:16:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 17 06:13:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	385126	20.000	ng	0.00
21) Naphthalene-d8	10.792	136	1570350	20.000	ng	0.00
39) Acenaphthene-d10	14.616	164	937307	20.000	ng	0.00
64) Phenanthrene-d10	17.363	188	1884677	20.000	ng	0.00
76) Chrysene-d12	21.545	240	1510075	20.000	ng	0.00
86) Perylene-d12	23.980	264	1423351	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	2061548	81.326	ng	0.00
7) Phenol-d6	7.134	99	2749472	83.505	ng	0.00
23) Nitrobenzene-d5	9.145	82	1973055	61.718	ng	0.00
42) 2,4,6-Tribromophenol	16.104	330	888783	81.967	ng	0.00
45) 2-Fluorobiphenyl	13.245	172	4091445	56.825	ng	0.00
79) Terphenyl-d14	19.986	244	5350325	64.779	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.399	88	76968	6.825	ng	97
3) Pyridine	3.805	79	262671	8.398	ng	96
4) n-Nitrosodimethylamine	3.716	42	126580	9.946	ng	# 95
6) Aniline	7.298	93	427822	9.896	ng	99
8) 2-Chlorophenol	7.534	128	266451	9.873	ng	99
9) Benzaldehyde	7.110	77	183803	11.731	ng	97
10) Phenol	7.157	94	349910	10.007	ng	98
11) bis(2-Chloroethyl)ether	7.398	93	284196	9.997	ng	99
12) 1,3-Dichlorobenzene	7.863	146	288650	10.065	ng	98
13) 1,4-Dichlorobenzene	8.010	146	290328	9.954	ng	98
14) 1,2-Dichlorobenzene	8.334	146	285015	10.144	ng	99
15) Benzyl Alcohol	8.216	79	238652	10.112	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.516	45	398755	11.107	ng	99
17) 2-Methylphenol	8.416	107	223348	9.299	ng	99
18) Hexachloroethane	9.063	117	109703	10.194	ng	99
19) n-Nitroso-di-n-propyla...	8.787	70	230828	11.130	ng	97
20) 3+4-Methylphenols	8.745	107	299121	9.327	ng	97
22) Acetophenone	8.804	105	312832	7.100	ng	# 98
24) Nitrobenzene	9.187	77	340403	10.131	ng	97
25) Isophorone	9.710	82	608015	10.335	ng	99
26) 2-Nitrophenol	9.898	139	124868	9.403	ng	96
27) 2,4-Dimethylphenol	9.957	122	249445	9.731	ng	98
28) bis(2-Chloroethoxy)met...	10.198	93	384080	10.161	ng	100
29) 2,4-Dichlorophenol	10.434	162	223908	9.213	ng	99
30) 1,2,4-Trichlorobenzene	10.651	180	246545	9.284	ng	100
31) Naphthalene	10.839	128	853124	9.527	ng	99
32) Benzoic acid	10.034	122	105238	6.198	ng	97
33) 4-Chloroaniline	10.951	127	359001	9.408	ng	97
34) Hexachlorobutadiene	11.128	225	138495	9.094	ng	99
35) Caprolactam	11.722	113	65231	8.819	ng	93
36) 4-Chloro-3-methylphenol	12.063	107	259300	10.020	ng	95
37) 2-Methylnaphthalene	12.445	142	569644	9.491	ng	99
38) 1-Methylnaphthalene	12.663	142	532890	9.475	ng	99
40) 1,2,4,5-Tetrachloroben...	12.810	216	186120	6.108	ng	98
41) Hexachlorocyclopentadiene	12.792	237	186107	11.127	ng	100
43) 2,4,6-Trichlorophenol	13.051	196	170233	8.627	ng	99

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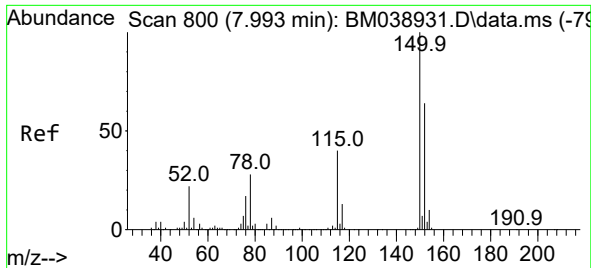
Quant Time: Mar 17 06:16:35 2023
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.116	196	184901	8.006	ng	98
46) 1,1'-Biphenyl	13.451	154	534965	6.737	ng	99
47) 2-Chloronaphthalene	13.498	162	570637	9.530	ng	99
48) 2-Nitroaniline	13.698	65	163446	9.505	ng	97
49) Acenaphthylene	14.339	152	878553	9.211	ng	100
50) Dimethylphthalate	14.075	163	699716	9.701	ng	99
51) 2,6-Dinitrotoluene	14.192	165	137648	9.386	ng	92
52) Acenaphthene	14.680	154	552270	9.422	ng	99
53) 3-Nitroaniline	14.522	138	154426	9.084	ng	99
54) 2,4-Dinitrophenol	14.722	184	71173	9.006	ng	97
55) Dibenzofuran	15.016	168	865202	9.433	ng	100
56) 4-Nitrophenol	14.816	139	161042	11.243	ng	97
57) 2,4-Dinitrotoluene	14.974	165	173371	9.232	ng	89
58) Fluorene	15.663	166	686681	9.557	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.239	232	166457	9.345	ng	99
60) Diethylphthalate	15.433	149	687303	9.794	ng	99
61) 4-Chlorophenyl-phenyle...	15.657	204	324684	9.198	ng	96
62) 4-Nitroaniline	15.680	138	154294	9.095	ng	97
63) Azobenzene	15.951	77	739984	9.965	ng	99
65) 4,6-Dinitro-2-methylph...	15.733	198	97002	8.597	ng	90
66) n-Nitrosodiphenylamine	15.868	169	575079	9.051	ng	99
67) 4-Bromophenyl-phenylether	16.551	248	185386	9.107	ng	96
68) Hexachlorobenzene	16.663	284	213359	9.376	ng	95
69) Atrazine	16.821	200	122799	7.076	ng	98
70) Pentachlorophenol	17.010	266	151879	9.074	ng	98
71) Phenanthrene	17.404	178	1035510	9.362	ng	99
72) Anthracene	17.492	178	1018222	9.231	ng	99
73) Carbazole	17.762	167	951025	9.447	ng	99
74) Di-n-butylphthalate	18.327	149	1062167	9.498	ng	99
75) Fluoranthene	19.415	202	1051201	9.001	ng	99
77) Benzidine	19.604	184	318167	10.109	ng	99
78) Pyrene	19.780	202	1115045	9.831	ng	99
80) Butylbenzylphthalate	20.674	149	402287	9.550	ng	92
81) Benzo(a)anthracene	21.527	228	995581	9.155	ng	99
82) 3,3'-Dichlorobenzidine	21.456	252	232560	6.958	ng	99
83) Chrysene	21.580	228	963729	9.112	ng	99
84) Bis(2-ethylhexyl)phtha...	21.456	149	598301	9.678	ng	98
85) Di-n-octyl phthalate	22.392	149	904096	8.469	ng	97
87) Indeno(1,2,3-cd)pyrene	26.515	276	914930	8.448	ng	97
88) Benzo(b)fluoranthene	23.239	252	909313	10.000	ng	99
89) Benzo(k)fluoranthene	23.286	252	863198	9.121	ng	99
90) Benzo(a)pyrene	23.868	252	728812	8.328	ng	99
91) Dibenzo(a,h)anthracene	26.538	278	783153	8.538	ng	98
92) Benzo(g,h,i)perylene	27.297	276	743243	8.282	ng	98

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

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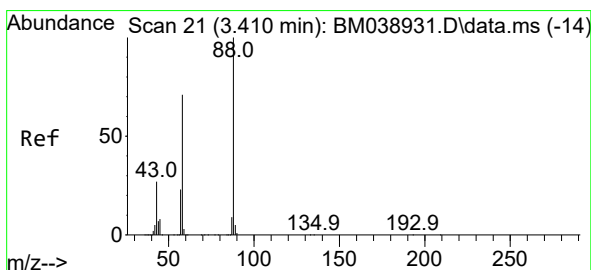
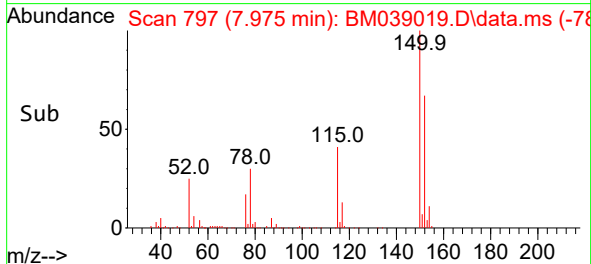
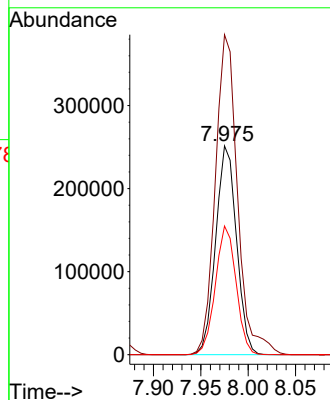
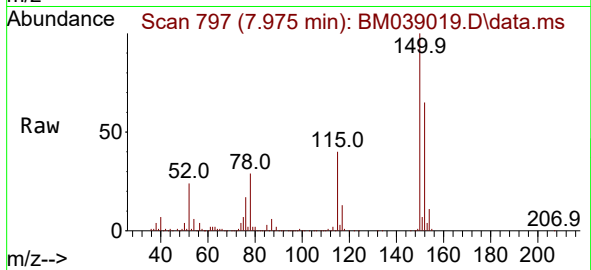




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.975 min Scan# 79
Delta R.T. -0.000 min
Lab File: BM039019.D
Acq: 16 Mar 2023 16:57

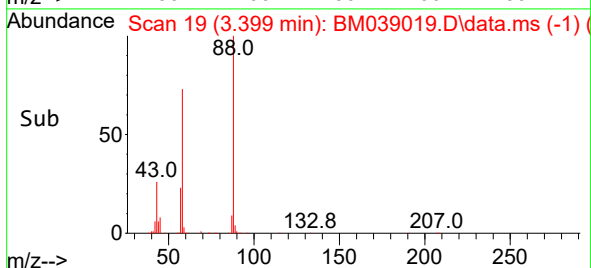
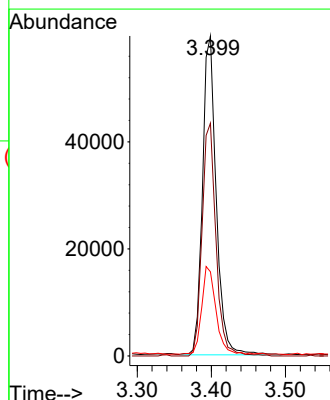
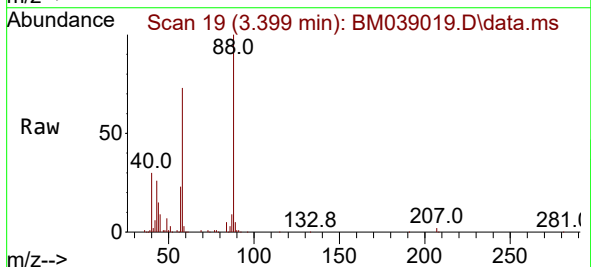
Instrument :
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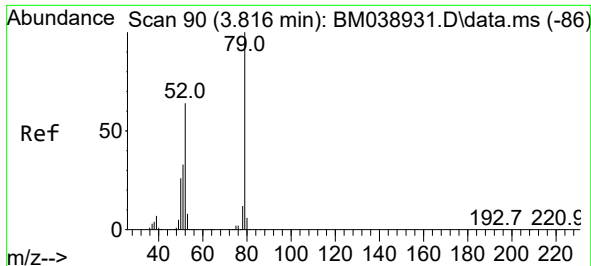
Tgt Ion:152 Resp: 385126
Ion Ratio Lower Upper
152 100
150 153.2 125.1 187.7
115 61.6 49.6 74.4



#2
1,4-Dioxane
Concen: 6.825 ng
RT: 3.399 min Scan# 19
Delta R.T. 0.006 min
Lab File: BM039019.D
Acq: 16 Mar 2023 16:57

Tgt Ion: 88 Resp: 76968
Ion Ratio Lower Upper
88 100
58 73.8 57.2 85.8
43 28.6 22.0 33.0

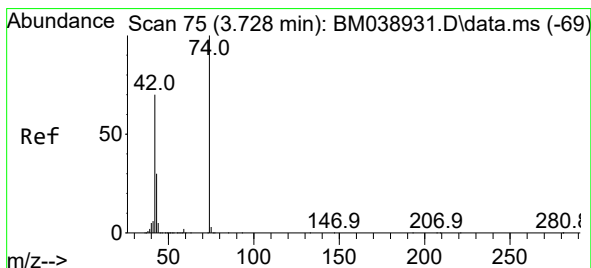
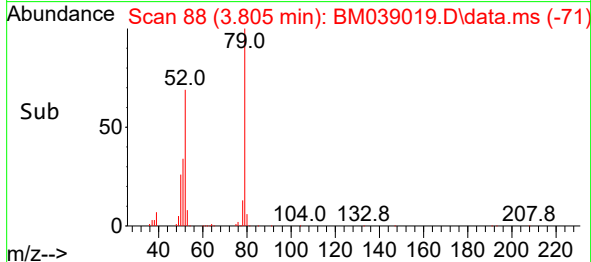
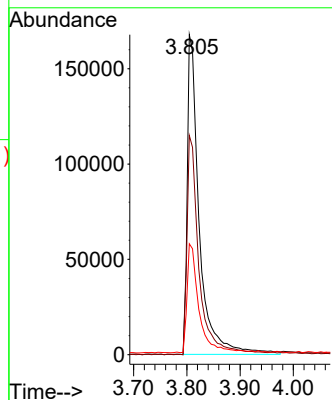
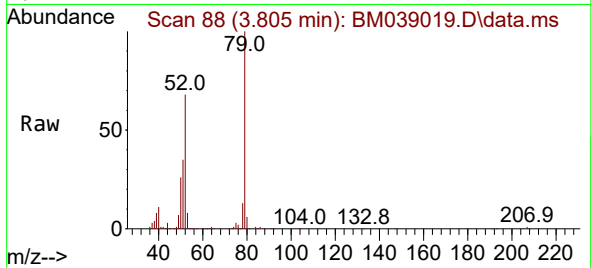




#3
Pyridine
Concen: 8.398 ng
RT: 3.805 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM039019.D
Acq: 16 Mar 2023 16:57

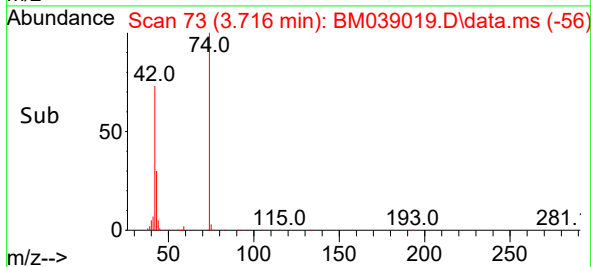
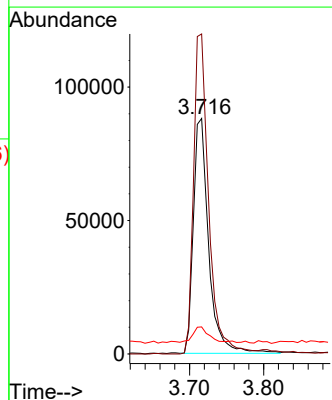
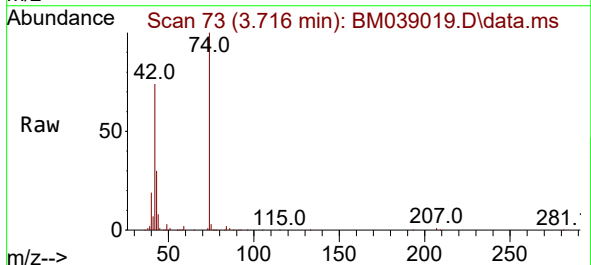
Instrument :
BNA_M
ClientSampleId :
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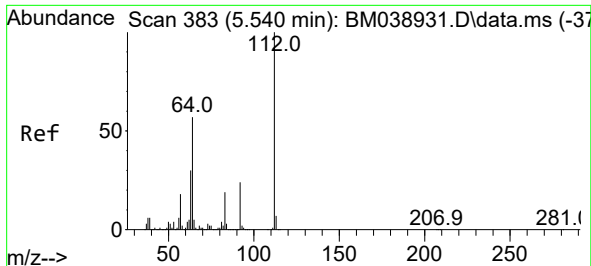
Tgt Ion: 79 Resp: 262671
Ion Ratio Lower Upper
79 100
52 68.5 51.4 77.2
51 34.7 26.6 40.0



#4
n-Nitrosodimethylamine
Concen: 9.946 ng
RT: 3.716 min Scan# 73
Delta R.T. 0.000 min
Lab File: BM039019.D
Acq: 16 Mar 2023 16:57

Tgt Ion: 42 Resp: 126580
Ion Ratio Lower Upper
42 100
74 135.9 113.8 170.8
44 11.5 6.2 9.2

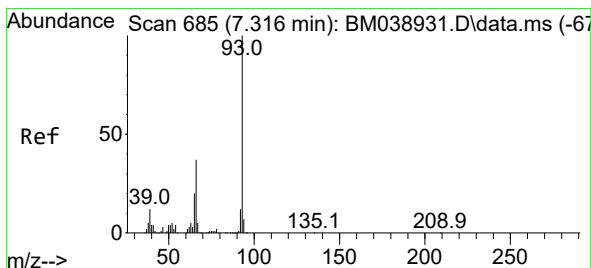
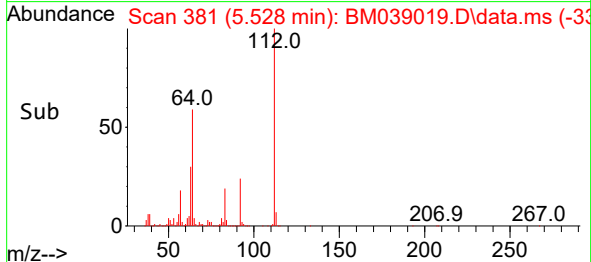
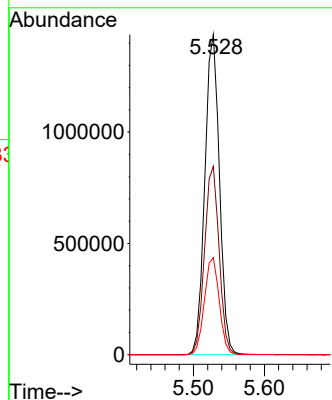
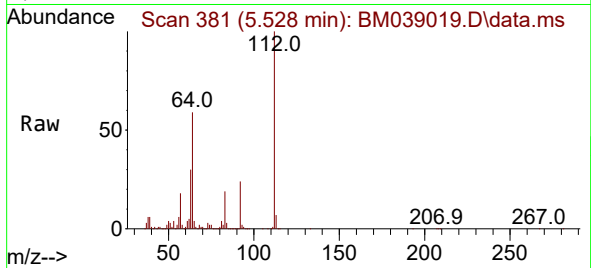




#5
2-Fluorophenol
Concen: 81.326 ng
RT: 5.528 min Scan# 381
Delta R.T. 0.000 min
Lab File: BM039019.D
Acq: 16 Mar 2023 16:57

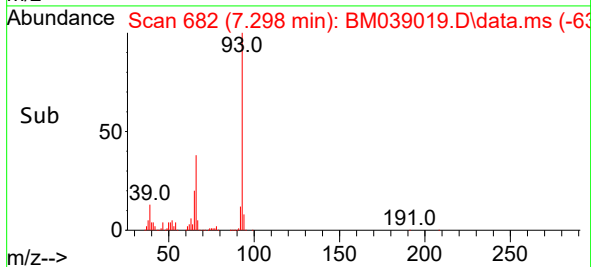
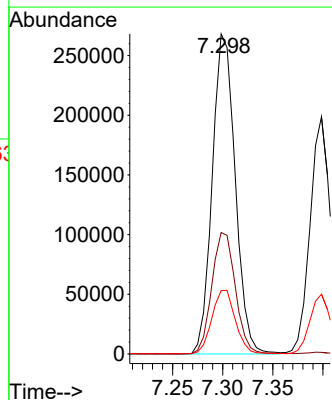
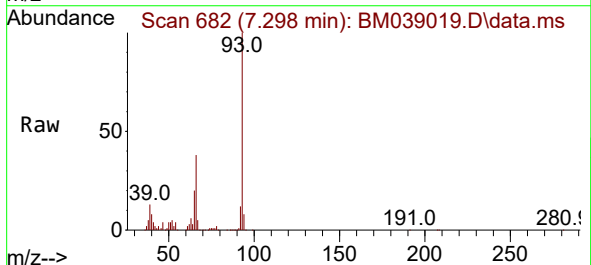
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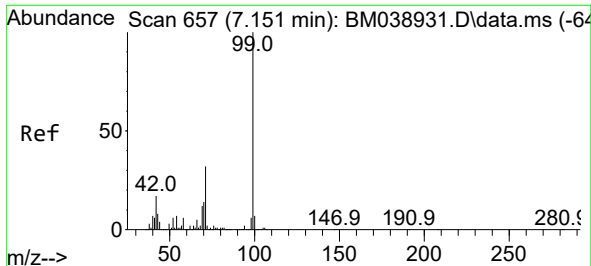
Tgt Ion:112 Resp: 2061548
Ion Ratio Lower Upper
112 100
64 58.9 45.9 68.9
63 30.4 23.8 35.8



#6
Aniline
Concen: 9.896 ng
RT: 7.298 min Scan# 682
Delta R.T. 0.000 min
Lab File: BM039019.D
Acq: 16 Mar 2023 16:57

Tgt Ion: 93 Resp: 427822
Ion Ratio Lower Upper
93 100
66 38.0 30.0 45.0
65 19.8 15.8 23.6

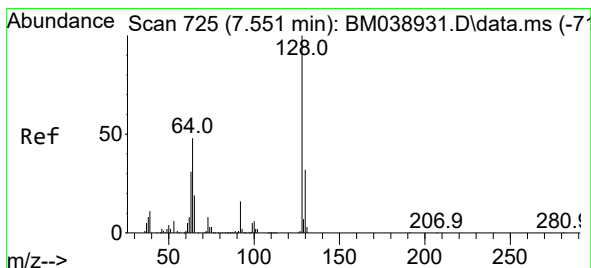
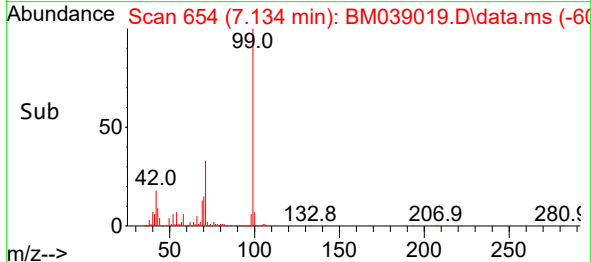
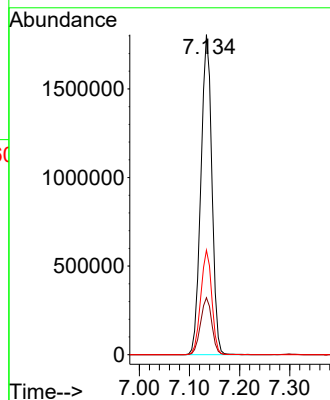
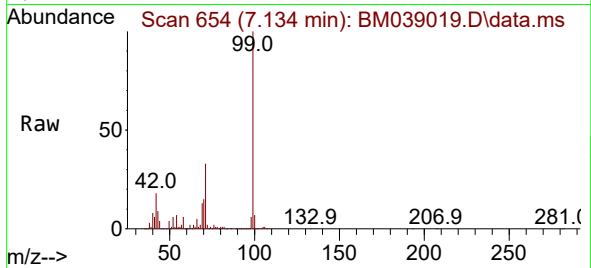




#7
Phenol-d6
Concen: 83.505 ng
RT: 7.134 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM039019.D
Acq: 16 Mar 2023 16:57

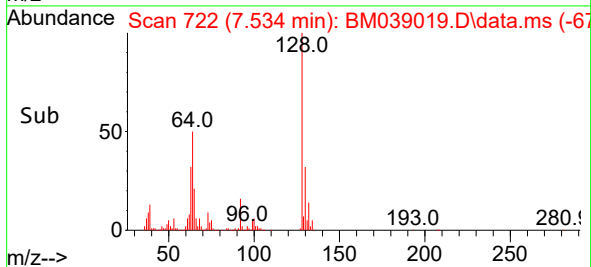
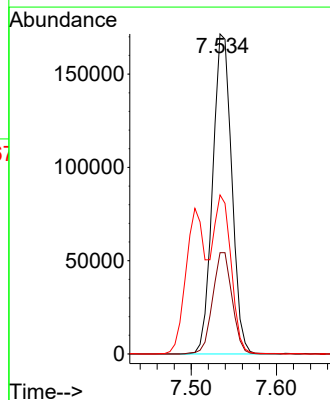
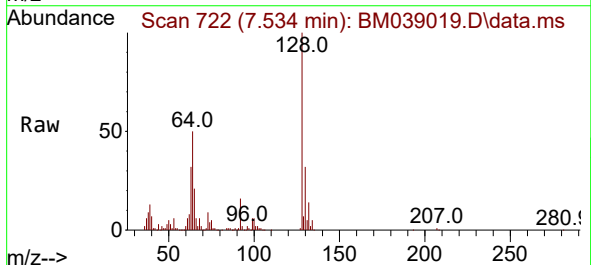
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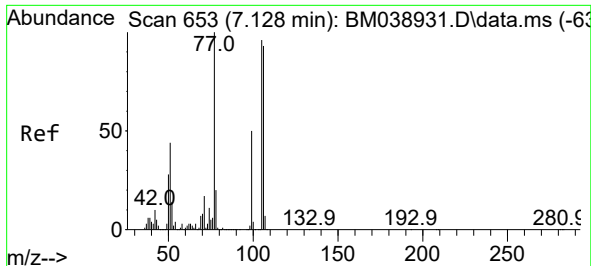
Tgt Ion: 99 Resp: 2749472
Ion Ratio Lower Upper
99 100
42 17.8 13.5 20.3
71 32.7 25.6 38.4



#8
2-Chlorophenol
Concen: 9.873 ng
RT: 7.534 min Scan# 722
Delta R.T. -0.006 min
Lab File: BM039019.D
Acq: 16 Mar 2023 16:57

Tgt Ion: 128 Resp: 266451
Ion Ratio Lower Upper
128 100
130 31.6 11.9 51.9
64 49.7 28.6 68.6

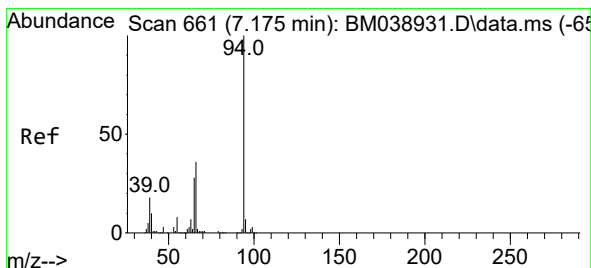
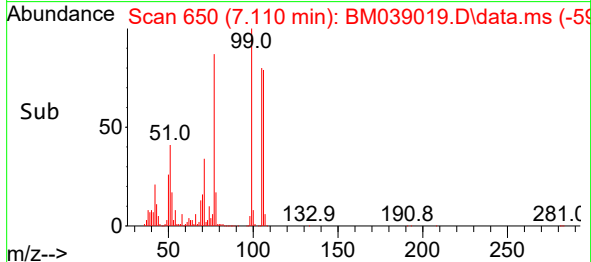
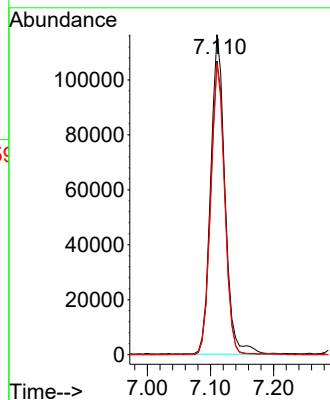
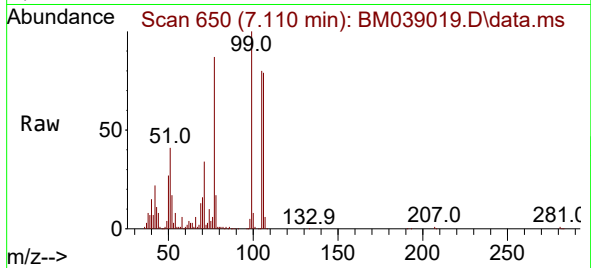




#9
Benzaldehyde
Concen: 11.731 ng
RT: 7.110 min Scan# 610
Delta R.T. 0.000 min
Lab File: BM039019.D
Acq: 16 Mar 2023 16:57

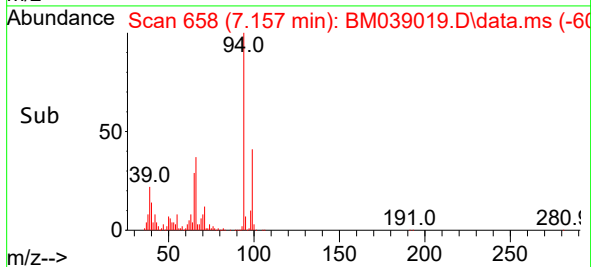
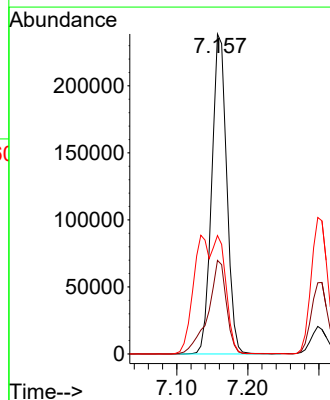
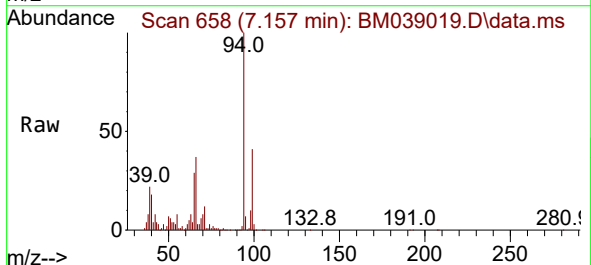
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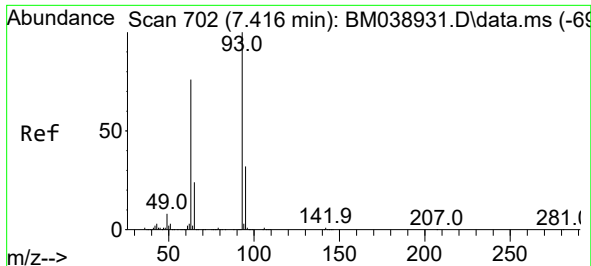
Tgt Ion: 77 Resp: 183803
Ion Ratio Lower Upper
77 100
105 91.8 75.8 115.8
106 90.8 72.6 112.6



#10
Phenol
Concen: 10.007 ng
RT: 7.157 min Scan# 658
Delta R.T. -0.006 min
Lab File: BM039019.D
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Tgt Ion: 94 Resp: 349910
Ion Ratio Lower Upper
94 100
65 29.2 7.9 47.9
66 37.0 15.8 55.8

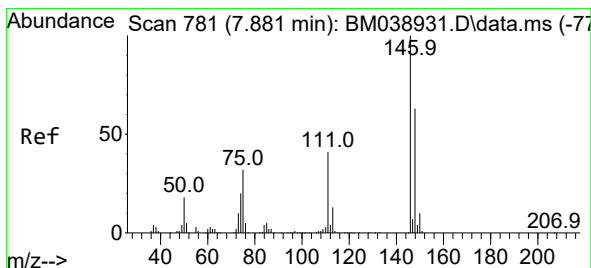
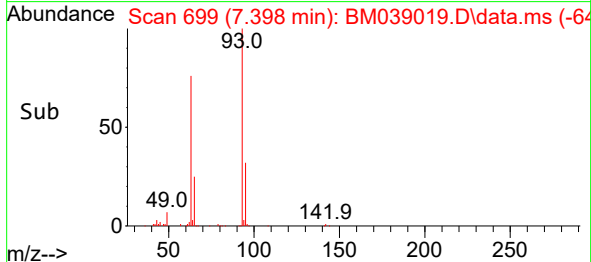
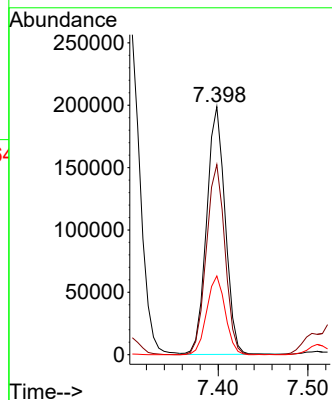
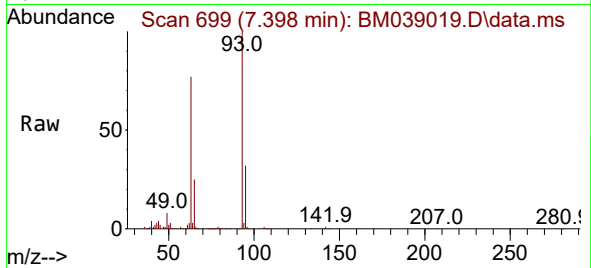




#11
bis(2-Chloroethyl)ether
Concen: 9.997 ng
RT: 7.398 min Scan# 699
Delta R.T. 0.000 min
Lab File: BM039019.D
Acq: 16 Mar 2023 16:57

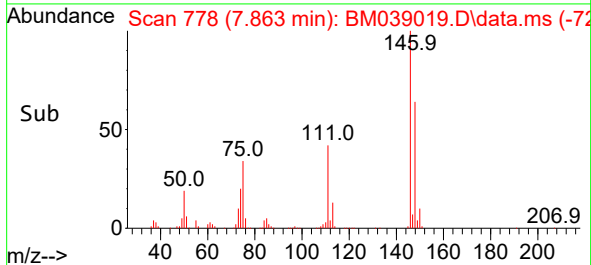
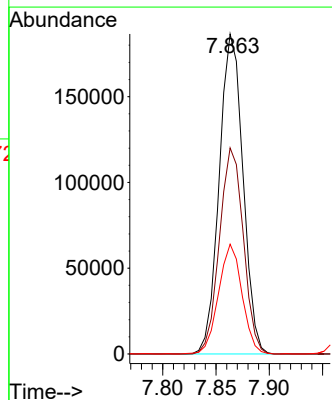
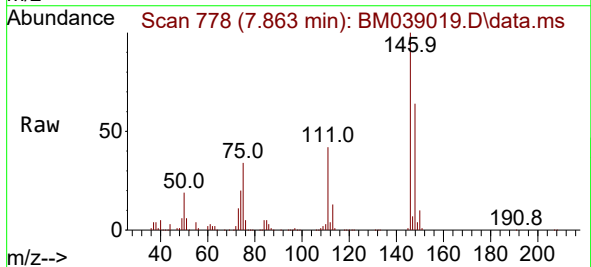
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2023

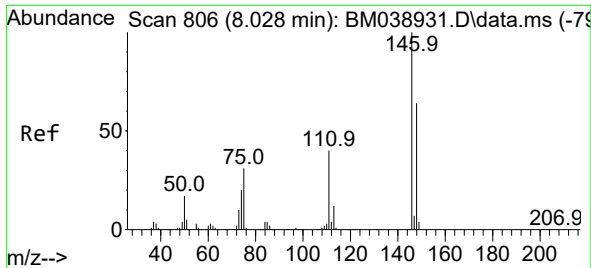
Tgt Ion: 93 Resp: 284196
Ion Ratio Lower Upper
93 100
63 76.6 55.8 95.8
95 31.8 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 10.065 ng
RT: 7.863 min Scan# 778
Delta R.T. 0.000 min
Lab File: BM039019.D
Acq: 16 Mar 2023 16:57

Tgt Ion: 146 Resp: 288650
Ion Ratio Lower Upper
146 100
148 64.4 50.6 75.8
75 34.3 26.0 39.0

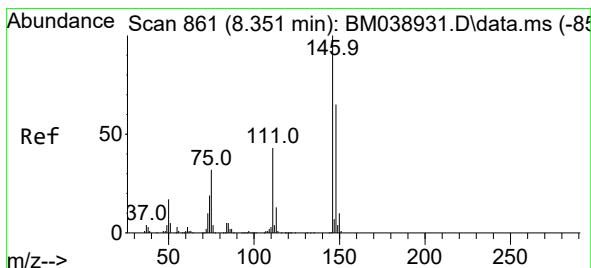
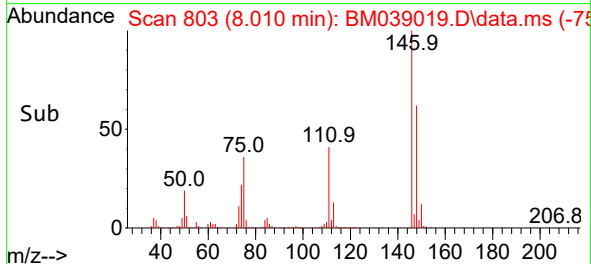
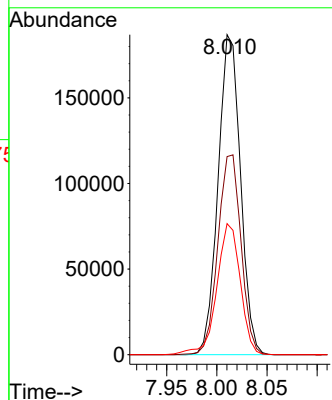
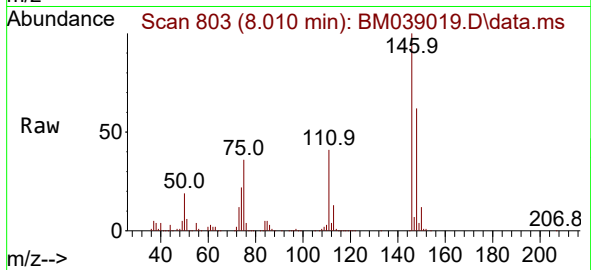




#13
1,4-Dichlorobenzene
Concen: 9.954 ng
RT: 8.010 min Scan# 801
Delta R.T. 0.000 min
Lab File: BM039019.D
Acq: 16 Mar 2023 16:57

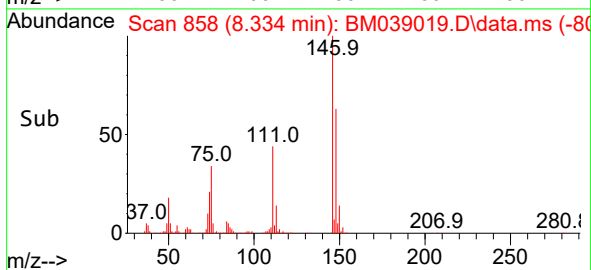
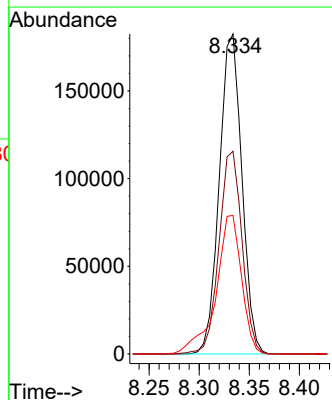
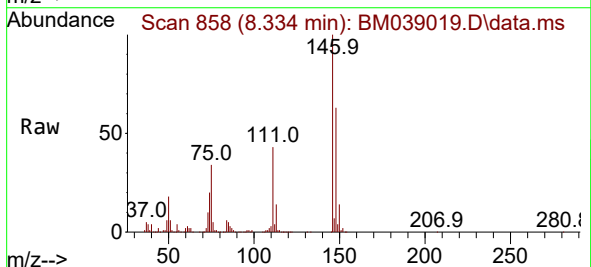
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2023

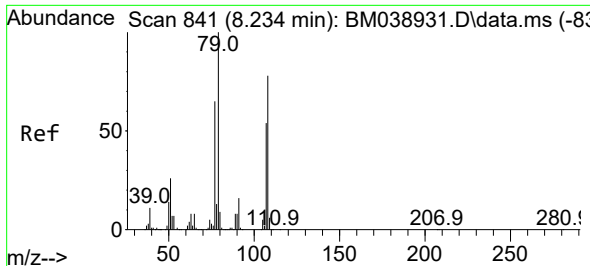
Tgt Ion:146 Resp: 290328
Ion Ratio Lower Upper
146 100
148 61.9 51.0 76.4
111 41.0 32.2 48.4



#14
1,2-Dichlorobenzene
Concen: 10.144 ng
RT: 8.334 min Scan# 858
Delta R.T. 0.000 min
Lab File: BM039019.D
Acq: 16 Mar 2023 16:57

Tgt Ion:146 Resp: 285015
Ion Ratio Lower Upper
146 100
148 63.3 51.7 77.5
111 43.3 34.2 51.4

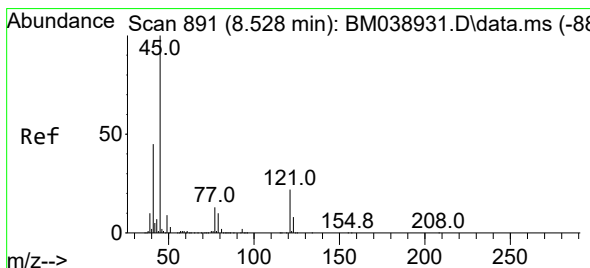
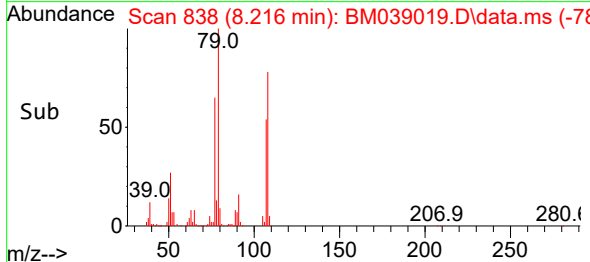
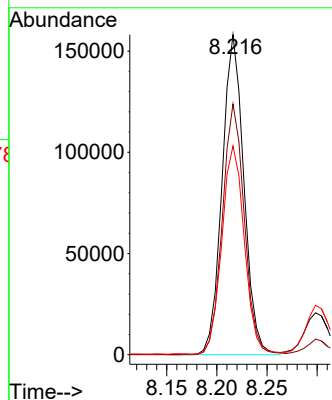
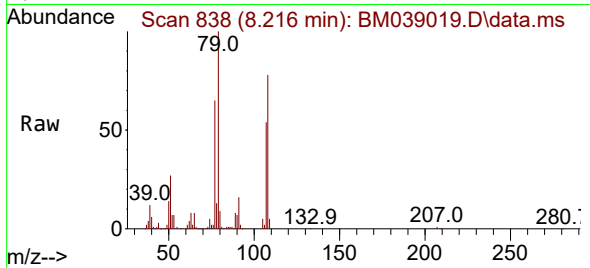




#15
Benzyl Alcohol
Concen: 10.112 ng
RT: 8.216 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM039019.D
Acq: 16 Mar 2023 16:57

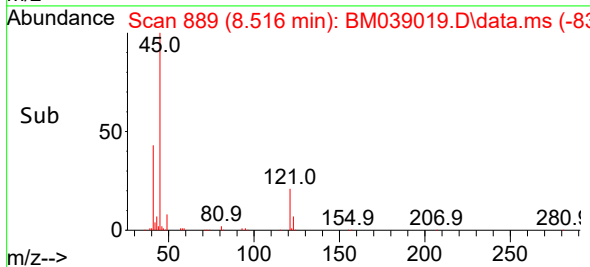
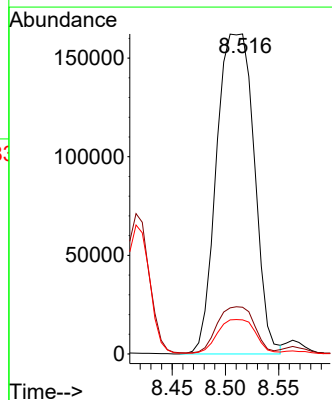
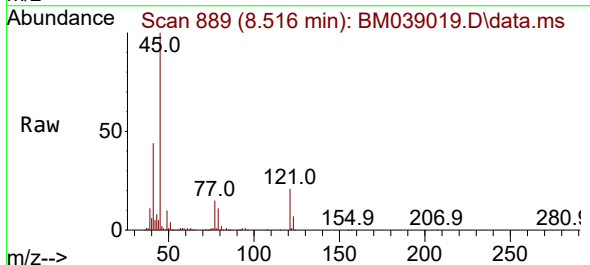
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2023

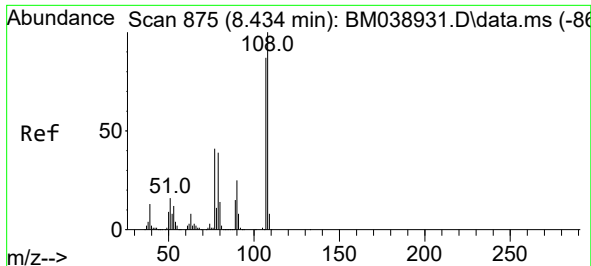
Tgt Ion: 79 Resp: 238652
Ion Ratio Lower Upper
79 100
108 78.4 62.4 93.6
77 65.2 52.2 78.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 11.107 ng
RT: 8.516 min Scan# 889
Delta R.T. 0.006 min
Lab File: BM039019.D
Acq: 16 Mar 2023 16:57

Tgt Ion: 45 Resp: 398755
Ion Ratio Lower Upper
45 100
77 14.6 0.0 34.8
79 10.6 0.0 31.5

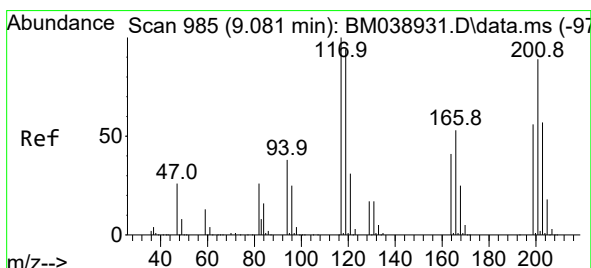
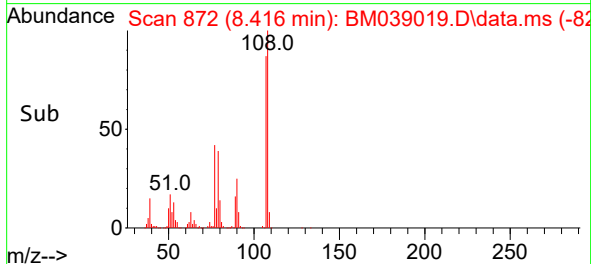
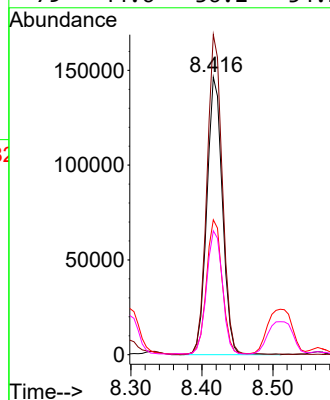
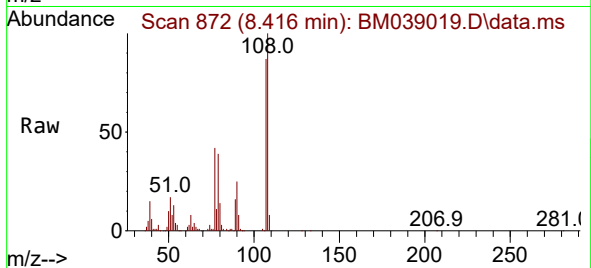




#17
2-Methylphenol
Concen: 9.299 ng
RT: 8.416 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM039019.D
Acq: 16 Mar 2023 16:57

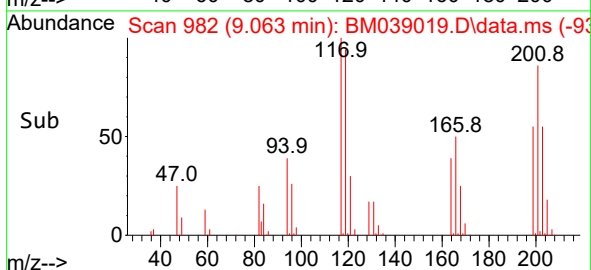
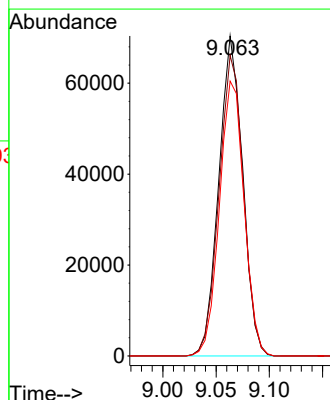
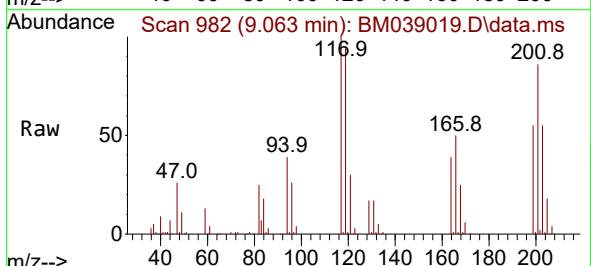
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2023

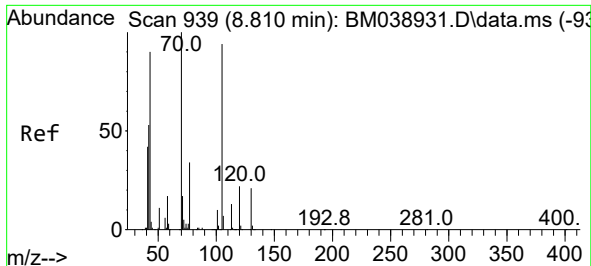
Tgt Ion:107 Resp: 223348
Ion Ratio Lower Upper
107 100
108 115.2 91.7 137.5
77 48.6 37.4 56.2
79 44.6 36.2 54.2



#18
Hexachloroethane
Concen: 10.194 ng
RT: 9.063 min Scan# 982
Delta R.T. 0.000 min
Lab File: BM039019.D
Acq: 16 Mar 2023 16:57

Tgt Ion:117 Resp: 109703
Ion Ratio Lower Upper
117 100
119 93.9 75.4 113.0
201 87.8 71.3 106.9

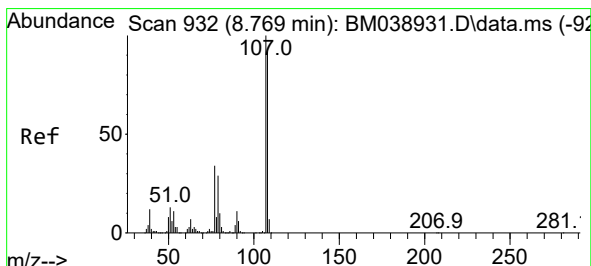
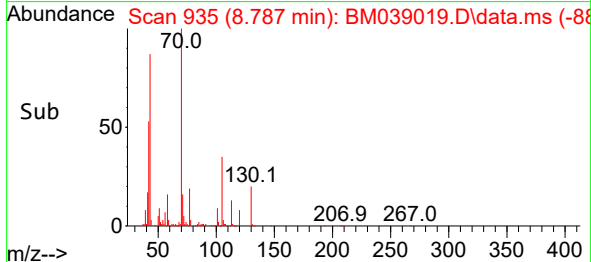
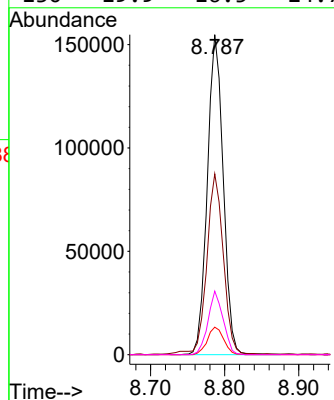
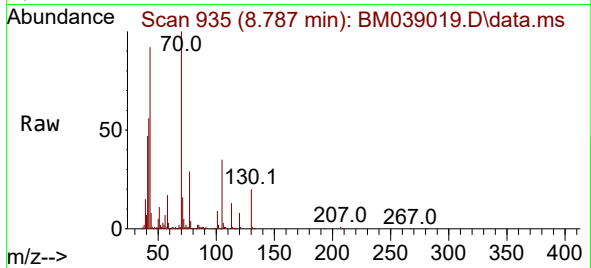




#19
n-Nitroso-di-n-propylamine
Concen: 11.130 ng
RT: 8.787 min Scan# 911
Delta R.T. -0.006 min
Lab File: BM039019.D
Acq: 16 Mar 2023 16:57

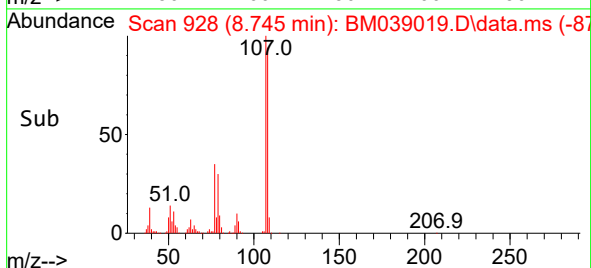
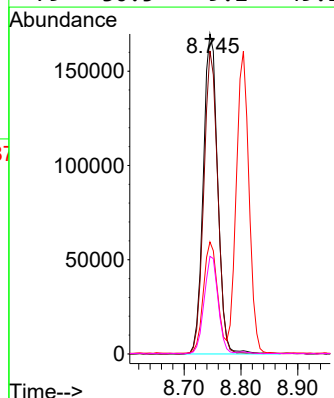
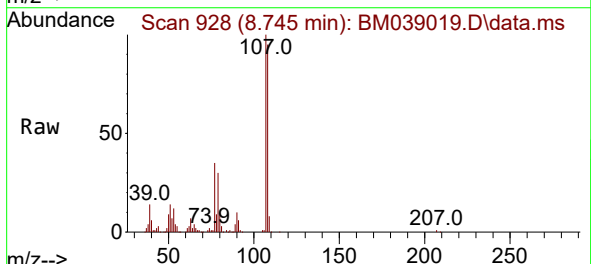
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2023

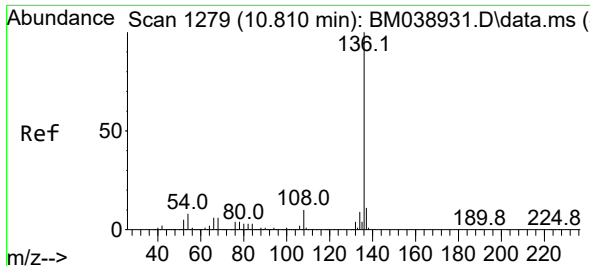
Tgt Ion:	70	Resp:	230828
Ion	Ratio	Lower	Upper
70	100		
42	56.5	43.4	65.2
101	8.6	7.6	11.4
130	19.9	16.5	24.7



#20
3+4-Methylphenols
Concen: 9.327 ng
RT: 8.745 min Scan# 928
Delta R.T. -0.006 min
Lab File: BM039019.D
Acq: 16 Mar 2023 16:57

Tgt Ion:	107	Resp:	299121
Ion	Ratio	Lower	Upper
107	100		
108	94.7	71.8	111.8
77	35.0	13.6	53.6
79	30.5	9.2	49.2

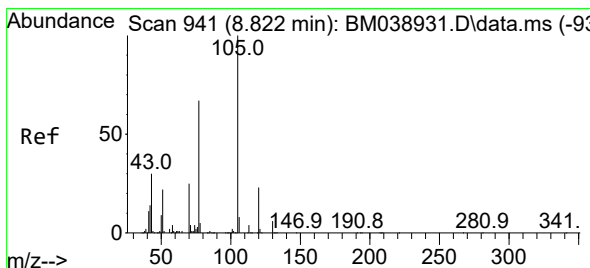
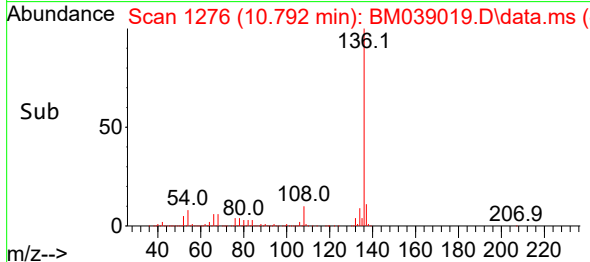
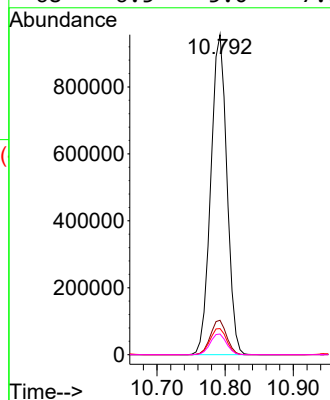
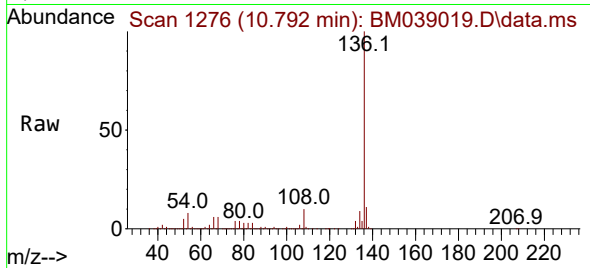




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.792 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM039019.D
Acq: 16 Mar 2023 16:57

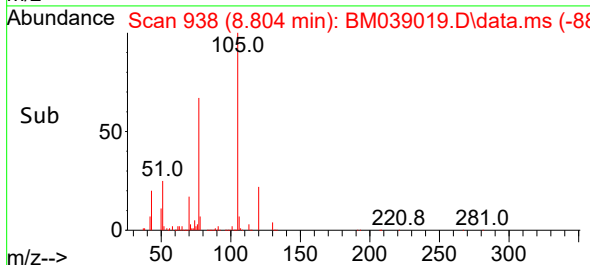
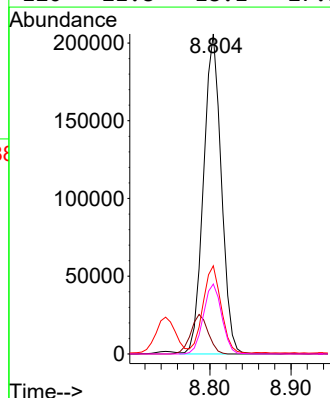
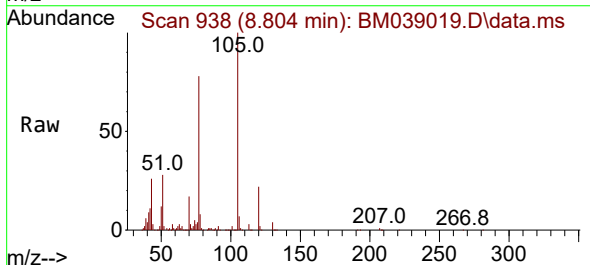
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2023

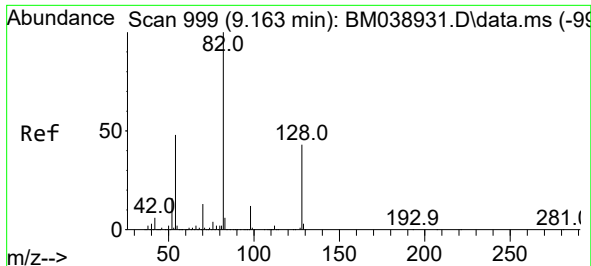
Tgt Ion:136 Resp: 1570350
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 8.1 6.3 9.5
68 6.5 5.0 7.6



#22
Acetophenone
Concen: 7.100 ng
RT: 8.804 min Scan# 938
Delta R.T. 0.000 min
Lab File: BM039019.D
Acq: 16 Mar 2023 16:57

Tgt Ion:105 Resp: 312832
Ion Ratio Lower Upper
105 100
71 3.1 3.4 5.0#
51 27.5 21.0 31.4
120 21.8 18.1 27.1





#23

Nitrobenzene-d5

Concen: 61.718 ng

RT: 9.145 min Scan# 91

Delta R.T. 0.000 min

Lab File: BM039019.D

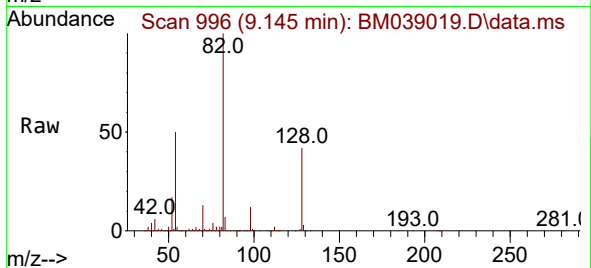
Acq: 16 Mar 2023 16:57

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2023



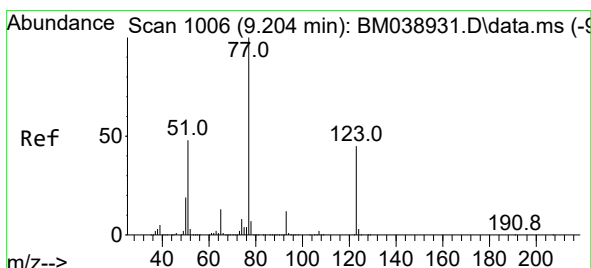
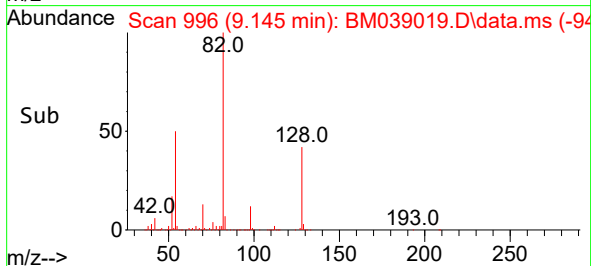
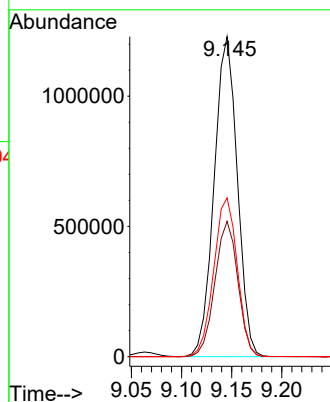
Tgt Ion: 82 Resp: 1973055

Ion Ratio Lower Upper

82 100

128 42.3 34.4 51.6

54 49.6 38.8 58.2



#24

Nitrobenzene

Concen: 10.131 ng

RT: 9.187 min Scan# 1003

Delta R.T. 0.000 min

Lab File: BM039019.D

Acq: 16 Mar 2023 16:57

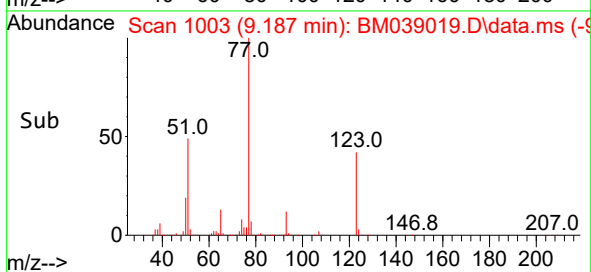
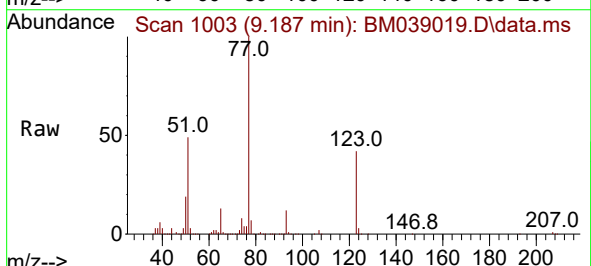
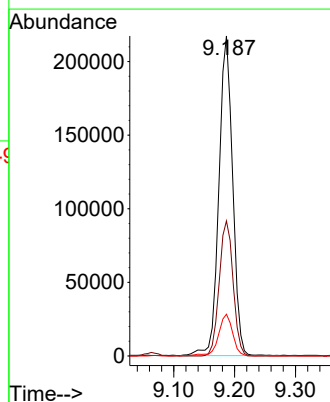
Tgt Ion: 77 Resp: 340403

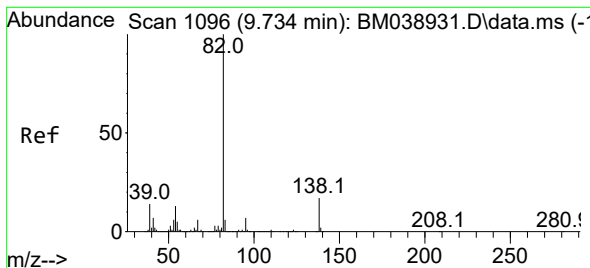
Ion Ratio Lower Upper

77 100

123 42.2 35.8 53.6

65 13.1 10.2 15.4





#25

Isophorone

Concen: 10.335 ng

RT: 9.710 min Scan# 1109

Delta R.T. -0.006 min

Lab File: BM039019.D

Acq: 16 Mar 2023 16:57

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2023

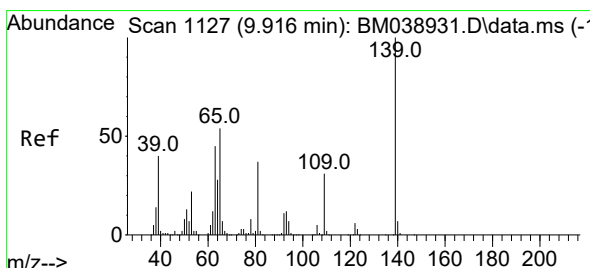
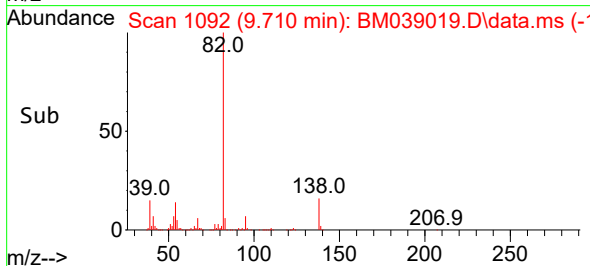
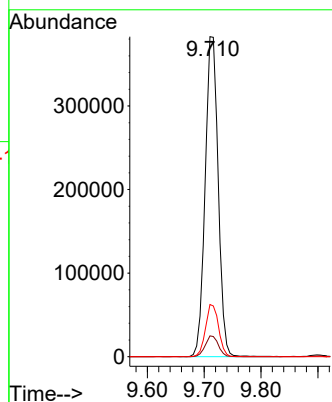
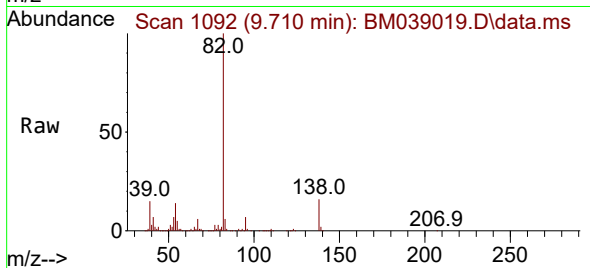
Tgt Ion: 82 Resp: 608015

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

138 16.3 13.6 20.4



#26

2-Nitrophenol

Concen: 9.403 ng

RT: 9.898 min Scan# 1124

Delta R.T. 0.000 min

Lab File: BM039019.D

Acq: 16 Mar 2023 16:57

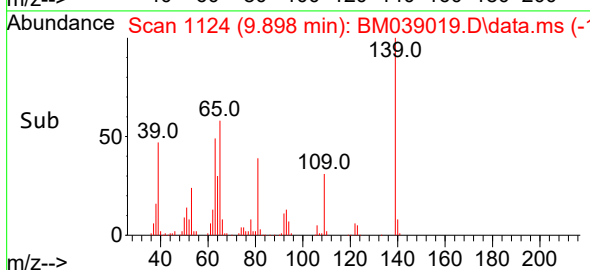
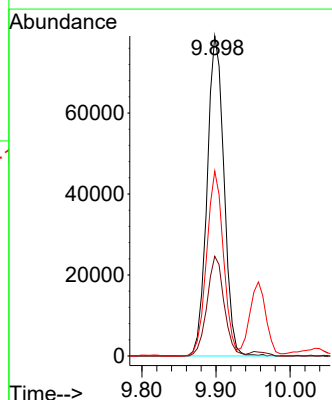
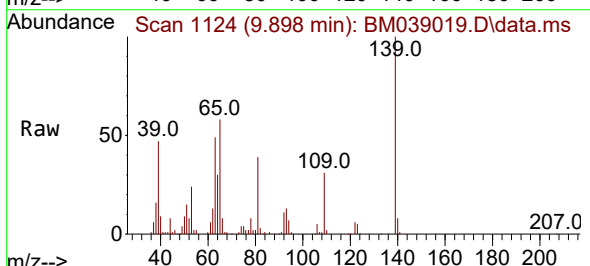
Tgt Ion: 139 Resp: 124868

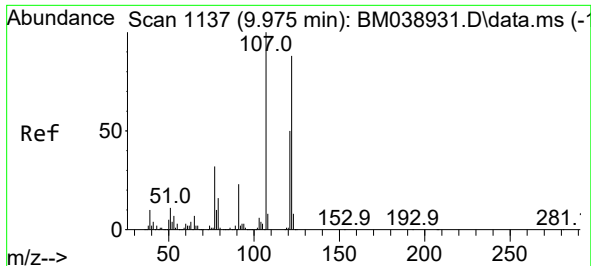
Ion Ratio Lower Upper

139 100

109 31.1 24.5 36.7

65 57.8 43.0 64.6





#27

2,4-Dimethylphenol

Concen: 9.731 ng

RT: 9.957 min Scan# 1134

Delta R.T. 0.000 min

Lab File: BM039019.D

Acq: 16 Mar 2023 16:57

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2023

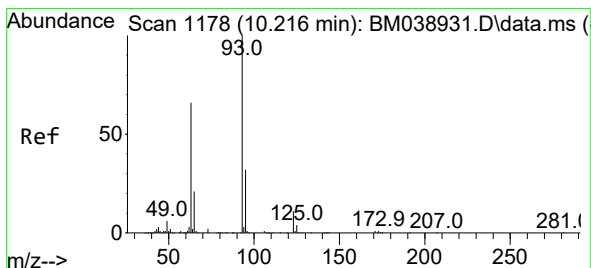
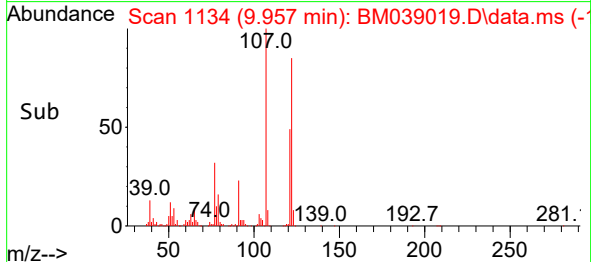
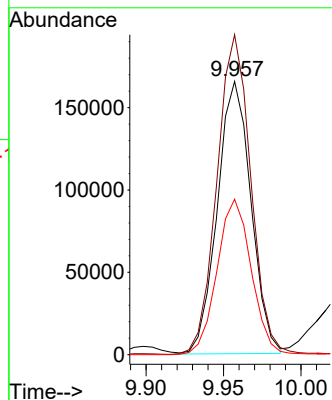
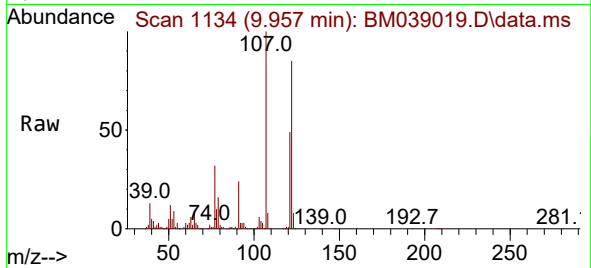
Tgt Ion:122 Resp: 249445

Ion Ratio Lower Upper

122 100

107 117.1 91.0 136.4

121 56.9 45.1 67.7



#28

bis(2-Chloroethoxy)methane

Concen: 10.161 ng

RT: 10.198 min Scan# 1175

Delta R.T. 0.000 min

Lab File: BM039019.D

Acq: 16 Mar 2023 16:57

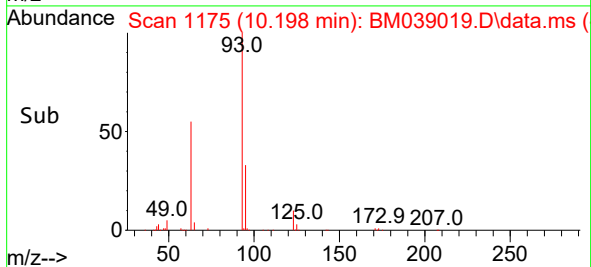
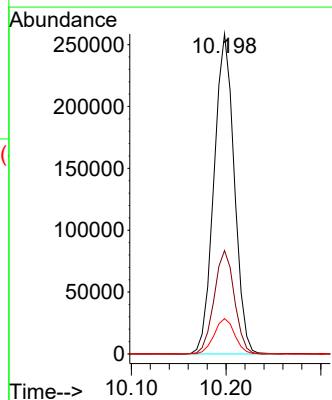
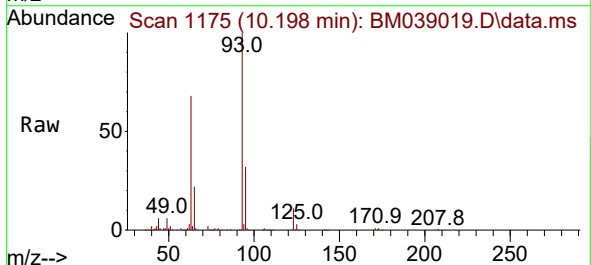
Tgt Ion: 93 Resp: 384080

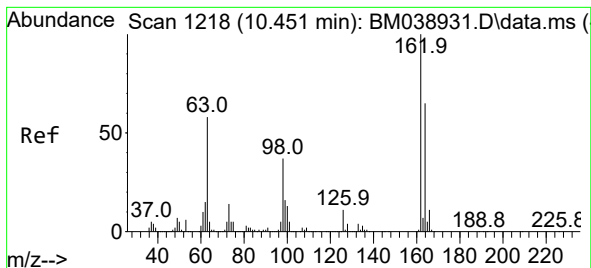
Ion Ratio Lower Upper

93 100

95 32.3 25.9 38.9

123 11.0 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 9.213 ng

RT: 10.434 min Scan# 11

Delta R.T. 0.000 min

Lab File: BM039019.D

Acq: 16 Mar 2023 16:57

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2023

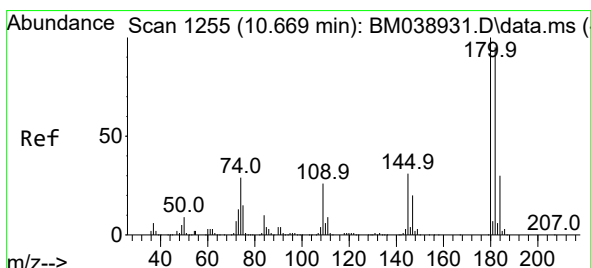
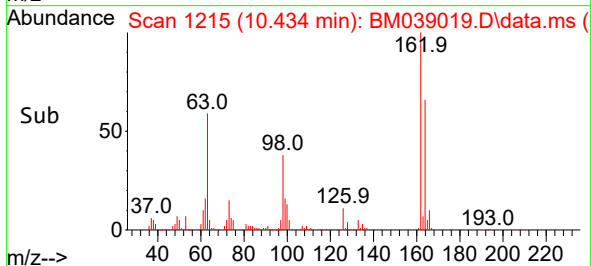
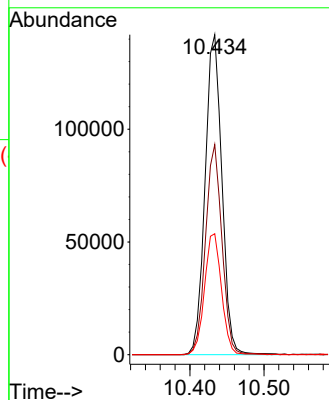
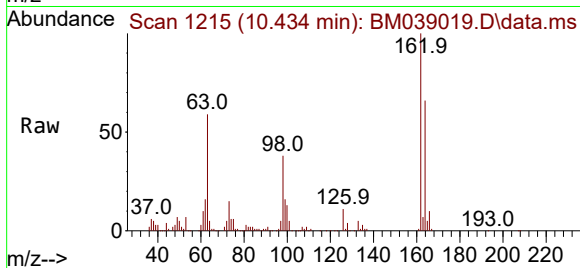
Tgt Ion:162 Resp: 223908

Ion Ratio Lower Upper

162 100

164 65.7 44.6 84.6

98 37.8 17.5 57.5



#30

1,2,4-Trichlorobenzene

Concen: 9.284 ng

RT: 10.651 min Scan# 1252

Delta R.T. 0.000 min

Lab File: BM039019.D

Acq: 16 Mar 2023 16:57

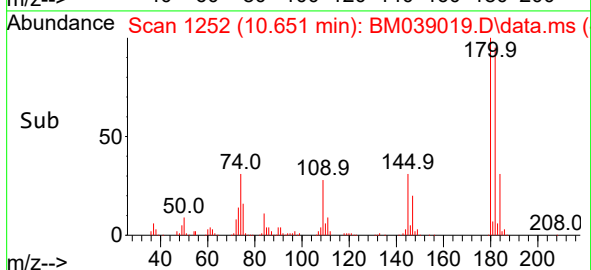
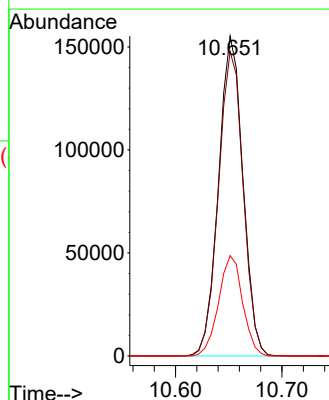
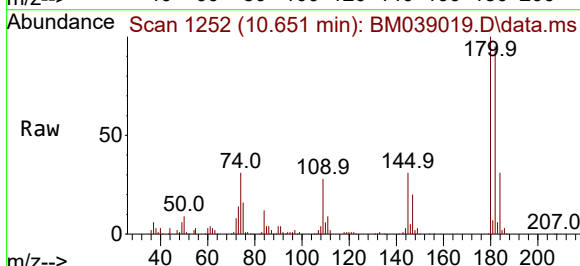
Tgt Ion:180 Resp: 246545

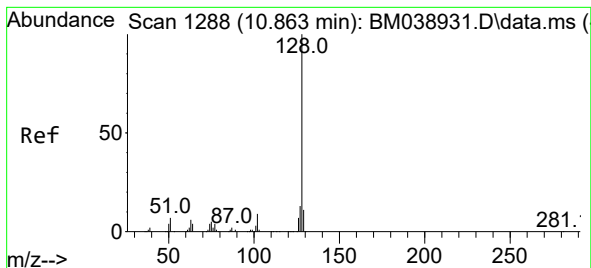
Ion Ratio Lower Upper

180 100

182 95.1 76.3 114.5

145 31.3 25.0 37.4





#31

Naphthalene

Concen: 9.527 ng

RT: 10.839 min Scan# 1147

Delta R.T. 0.000 min

Lab File: BM039019.D

Acq: 16 Mar 2023 16:57

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2023

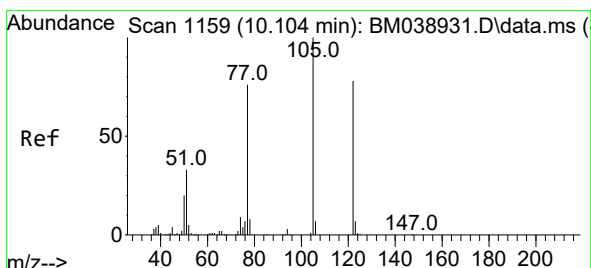
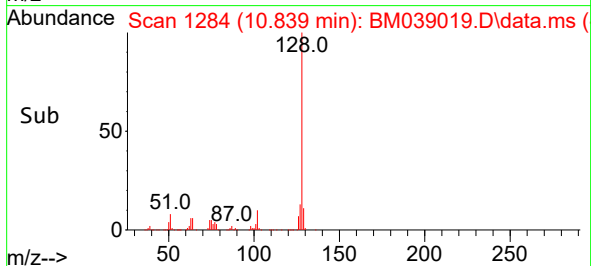
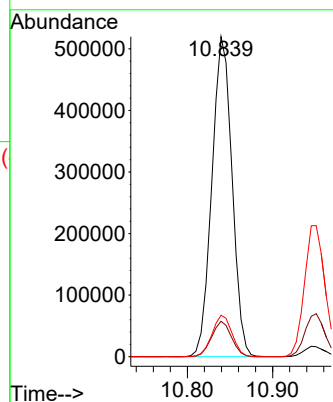
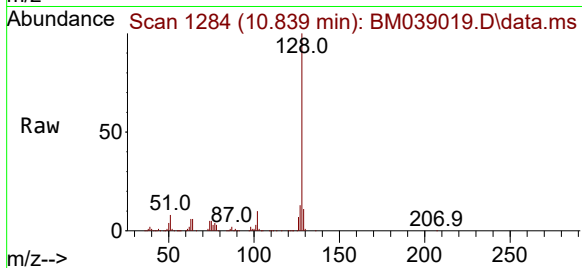
Tgt Ion:128 Resp: 853124

Ion Ratio Lower Upper

128 100

129 11.0 8.6 13.0

127 13.0 10.2 15.4



#32

Benzoic acid

Concen: 6.198 ng

RT: 10.034 min Scan# 1147

Delta R.T. -0.064 min

Lab File: BM039019.D

Acq: 16 Mar 2023 16:57

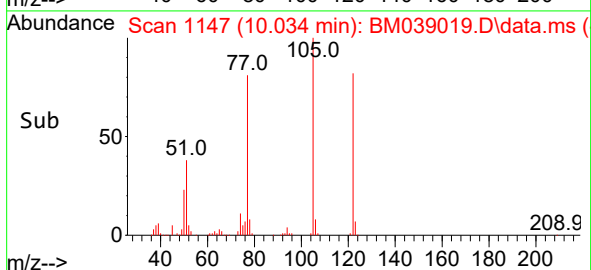
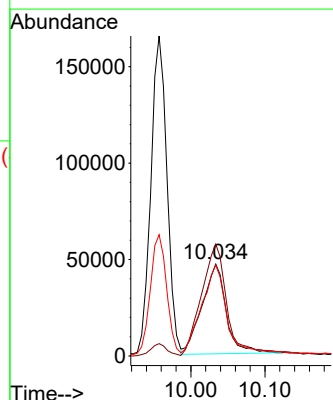
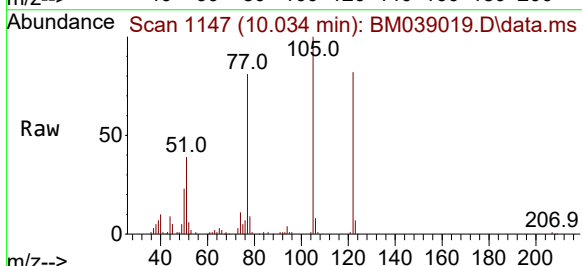
Tgt Ion:122 Resp: 105238

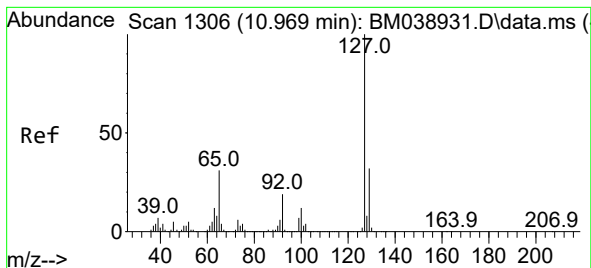
Ion Ratio Lower Upper

122 100

105 121.7 104.2 144.2

77 98.9 75.1 115.1





#33

4-Chloroaniline

Concen: 9.408 ng

RT: 10.951 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM039019.D

Acq: 16 Mar 2023 16:57

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2023

Tgt Ion:127 Resp: 359001

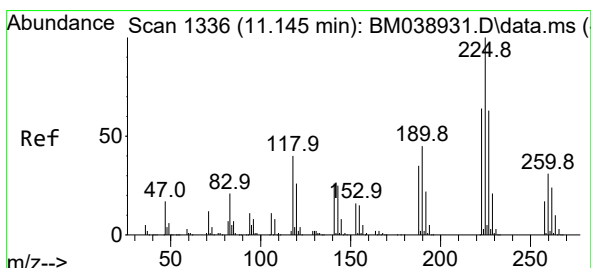
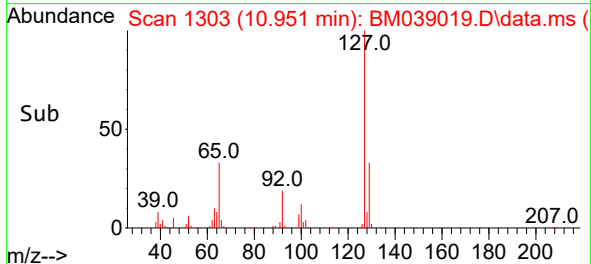
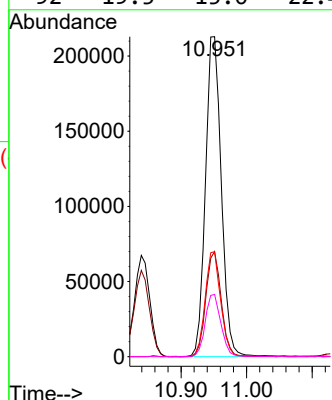
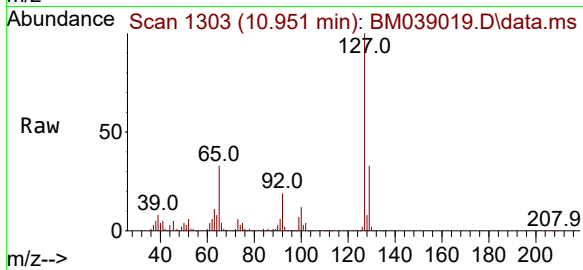
Ion Ratio Lower Upper

127 100

129 32.9 25.4 38.2

65 32.8 24.4 36.6

92 19.5 15.0 22.4



#34

Hexachlorobutadiene

Concen: 9.094 ng

RT: 11.128 min Scan# 1333

Delta R.T. 0.000 min

Lab File: BM039019.D

Acq: 16 Mar 2023 16:57

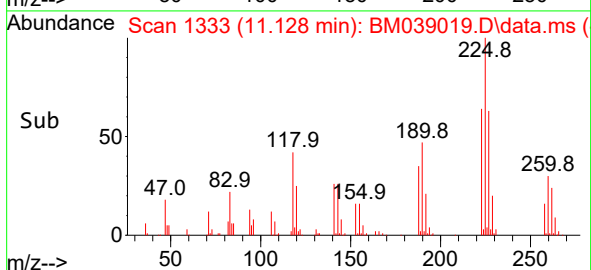
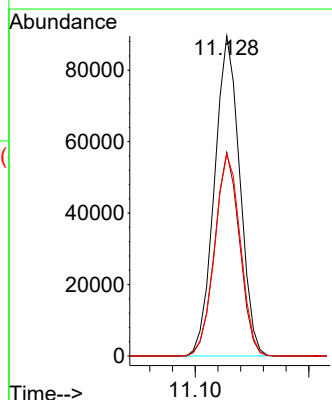
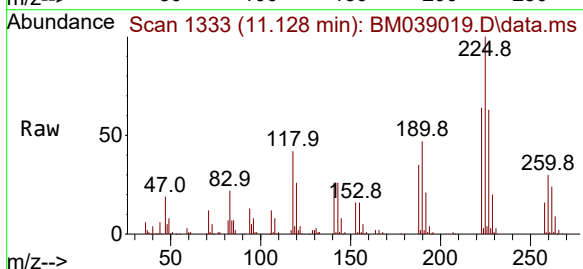
Tgt Ion:225 Resp: 138495

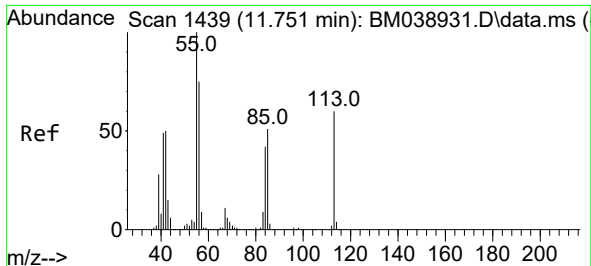
Ion Ratio Lower Upper

225 100

223 63.7 51.3 76.9

227 62.9 50.6 76.0

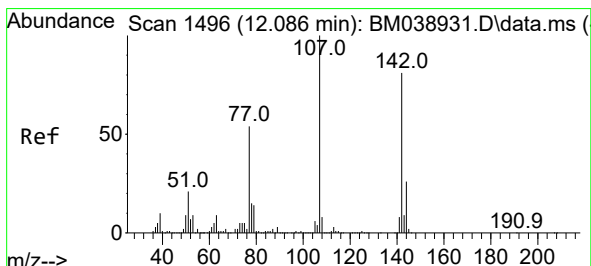
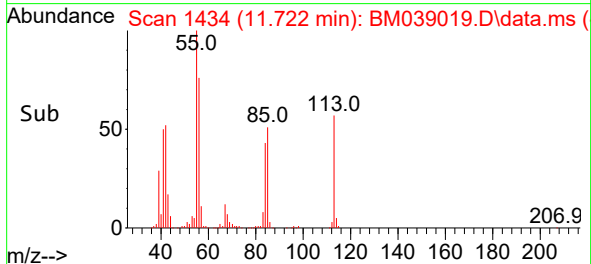
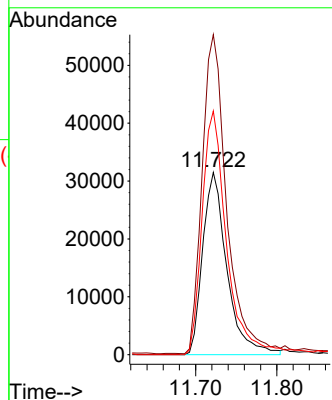
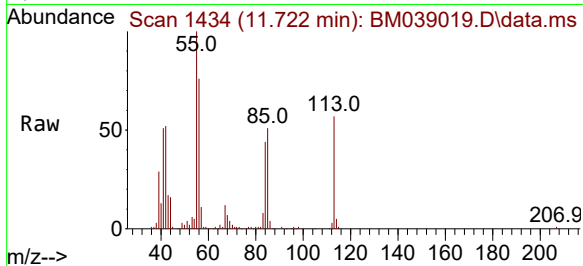




#35
Caprolactam
Concen: 8.819 ng
RT: 11.722 min Scan# 1434
Delta R.T. -0.017 min
Lab File: BM039019.D
Acq: 16 Mar 2023 16:57

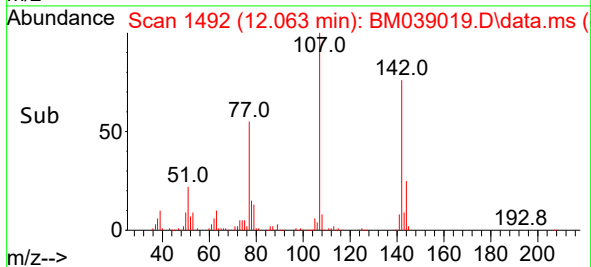
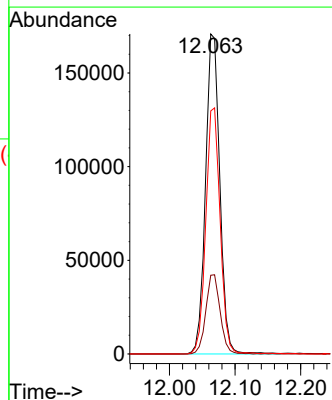
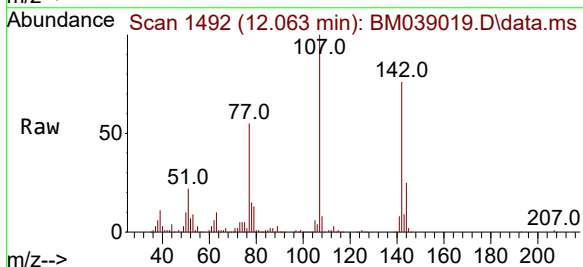
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2023

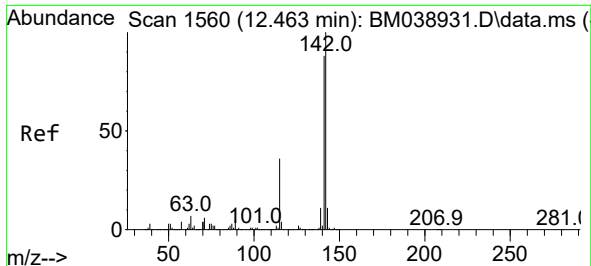
Tgt Ion:113 Resp: 65231
Ion Ratio Lower Upper
113 100
55 175.6 147.0 187.0
56 133.7 105.1 145.1



#36
4-Chloro-3-methylphenol
Concen: 10.020 ng
RT: 12.063 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BM039019.D
Acq: 16 Mar 2023 16:57

Tgt Ion:107 Resp: 259300
Ion Ratio Lower Upper
107 100
144 24.6 20.7 31.1
142 75.9 64.6 97.0





#37

2-Methylnaphthalene

Concen: 9.491 ng

RT: 12.445 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM039019.D

Acq: 16 Mar 2023 16:57

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2023

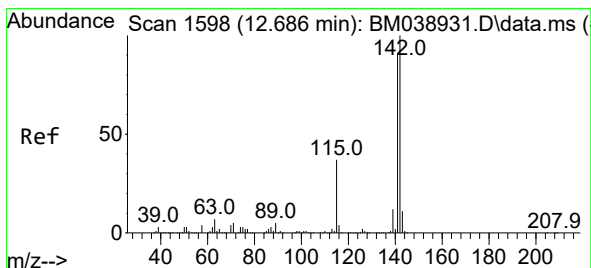
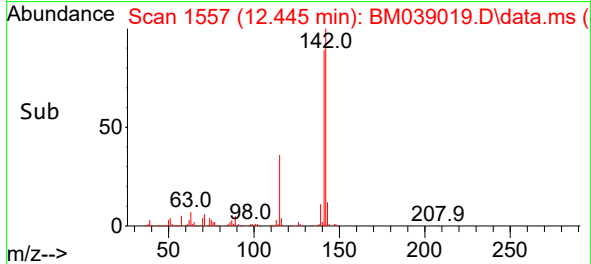
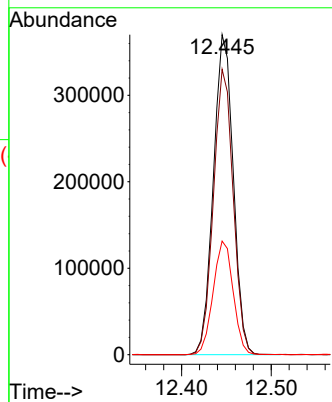
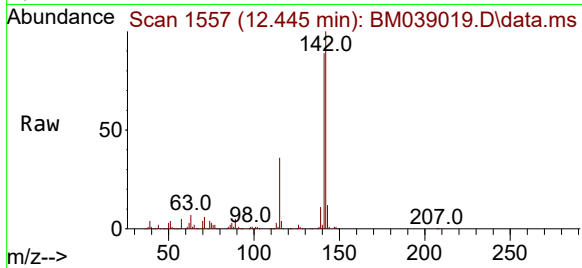
Tgt Ion:142 Resp: 569644

Ion Ratio Lower Upper

142 100

141 89.1 70.6 106.0

115 35.5 28.5 42.7



#38

1-Methylnaphthalene

Concen: 9.475 ng

RT: 12.663 min Scan# 1594

Delta R.T. -0.006 min

Lab File: BM039019.D

Acq: 16 Mar 2023 16:57

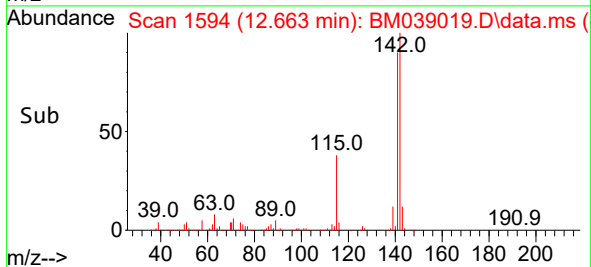
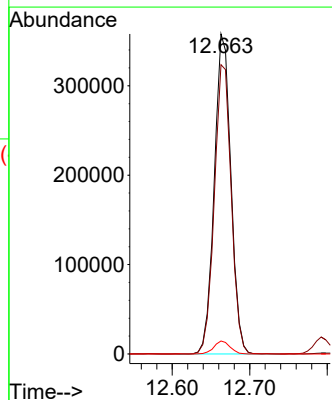
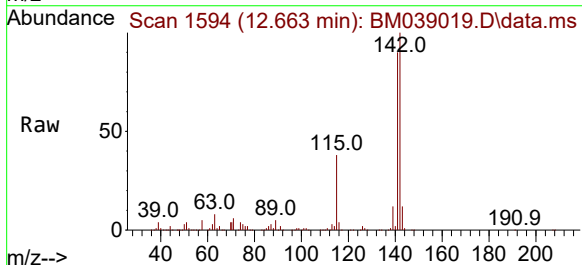
Tgt Ion:142 Resp: 532890

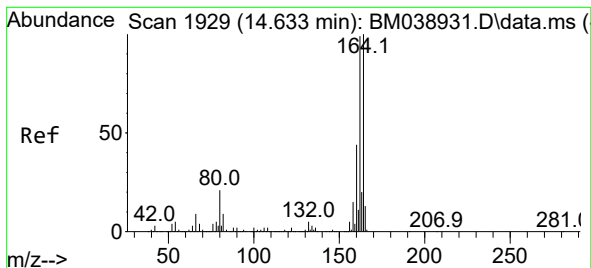
Ion Ratio Lower Upper

142 100

141 90.4 72.8 109.2

116 4.0 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.616 min Scan# 1

Delta R.T. 0.001 min

Lab File: BM039019.D

Acq: 16 Mar 2023 16:57

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2023

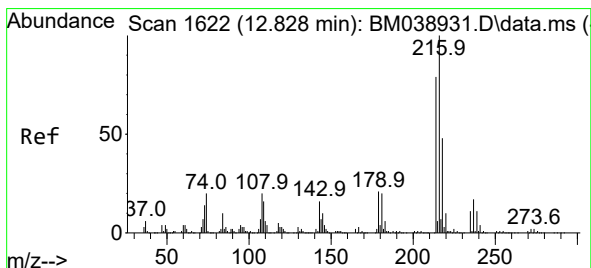
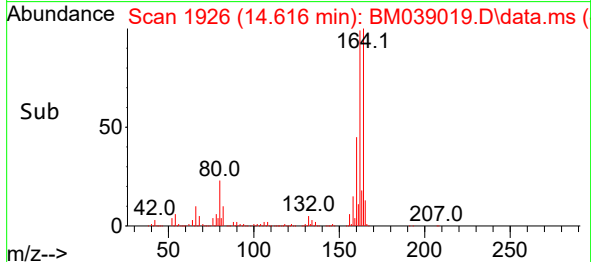
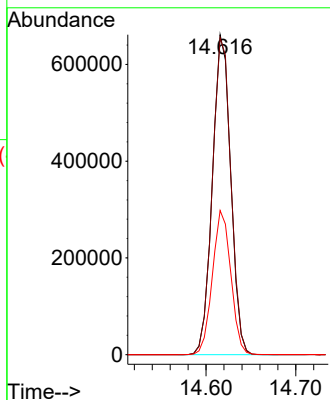
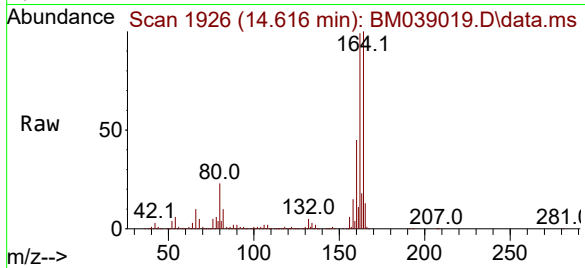
Tgt Ion:164 Resp: 937307

Ion Ratio Lower Upper

164 100

162 99.1 79.2 118.8

160 45.0 35.5 53.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 6.108 ng

RT: 12.810 min Scan# 1619

Delta R.T. -0.006 min

Lab File: BM039019.D

Acq: 16 Mar 2023 16:57

Tgt Ion:216 Resp: 186120

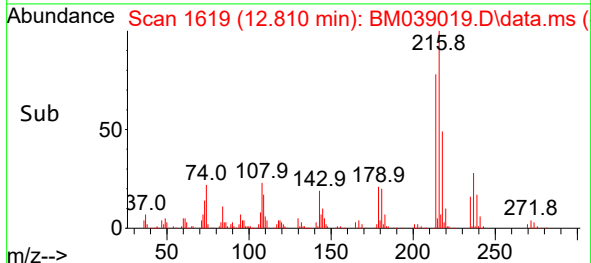
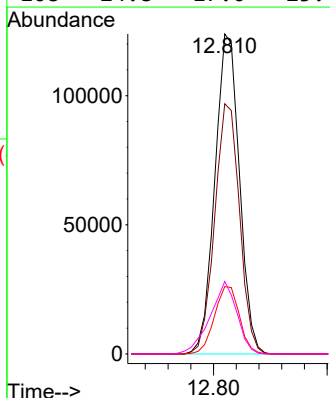
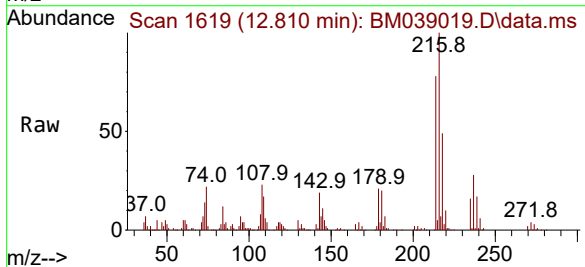
Ion Ratio Lower Upper

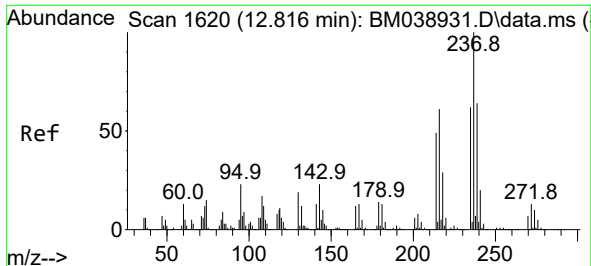
216 100

214 79.0 63.0 94.4

179 21.5 16.8 25.2

108 24.8 17.0 25.4

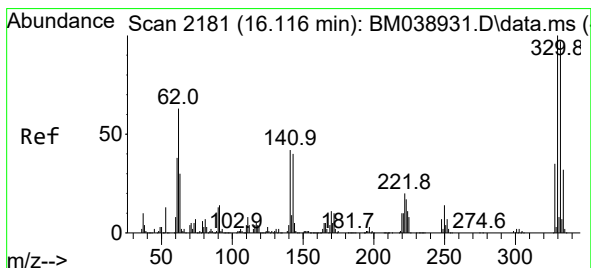
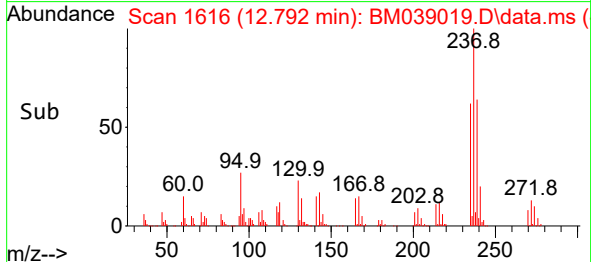
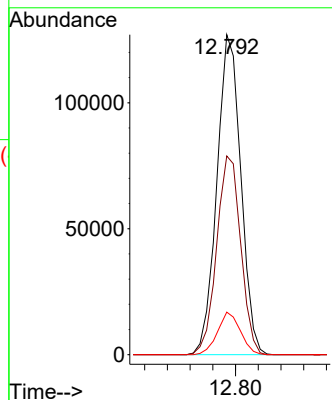
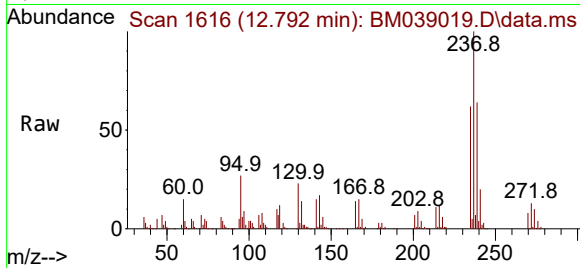




#41
Hexachlorocyclopentadiene
Concen: 11.127 ng
RT: 12.792 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM039019.D
Acq: 16 Mar 2023 16:57

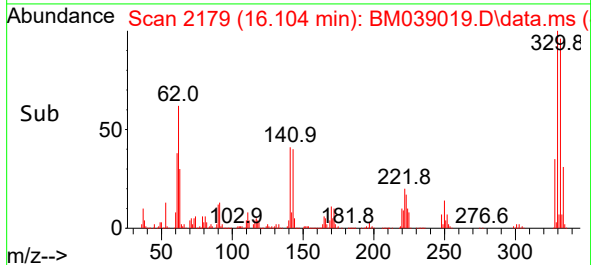
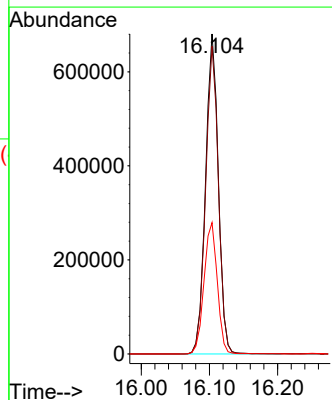
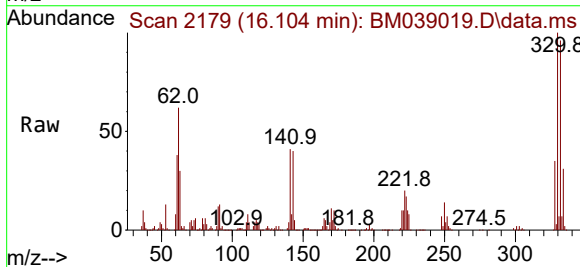
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2023

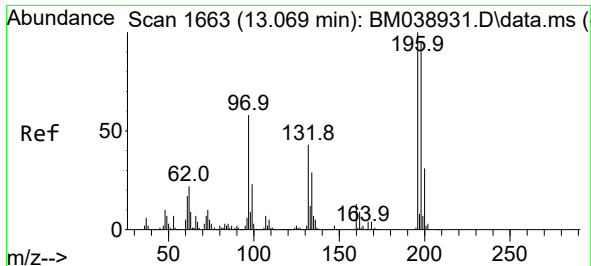
Tgt Ion:237 Resp: 186107
Ion Ratio Lower Upper
237 100
235 62.1 41.7 81.7
272 13.3 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 81.967 ng
RT: 16.104 min Scan# 2179
Delta R.T. 0.000 min
Lab File: BM039019.D
Acq: 16 Mar 2023 16:57

Tgt Ion:330 Resp: 888783
Ion Ratio Lower Upper
330 100
332 96.1 77.4 116.0
141 42.6 32.2 48.4

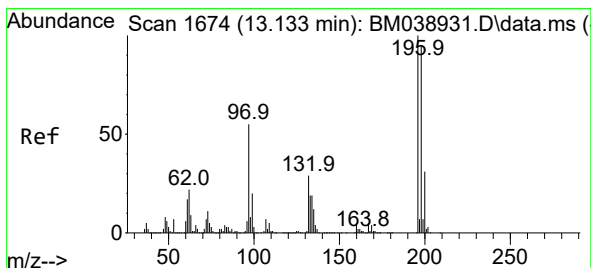
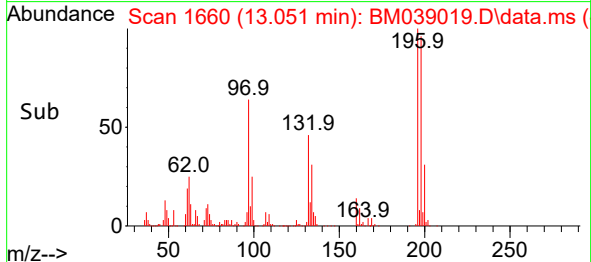
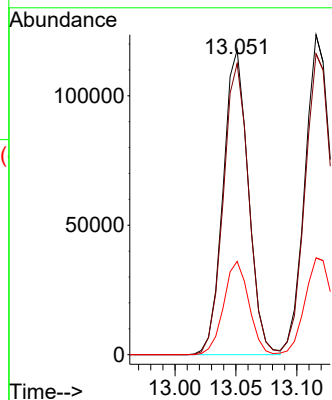
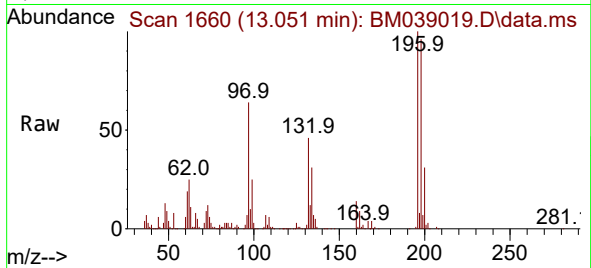




#43
2,4,6-Trichlorophenol
Concen: 8.627 ng
RT: 13.051 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM039019.D
Acq: 16 Mar 2023 16:57

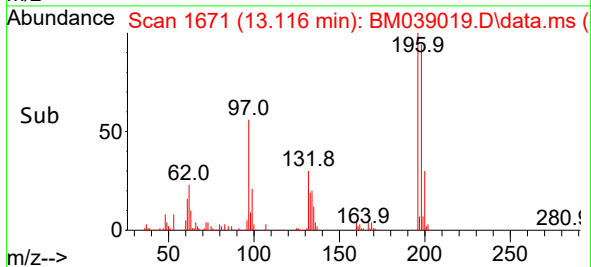
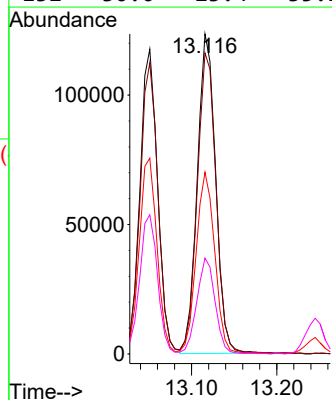
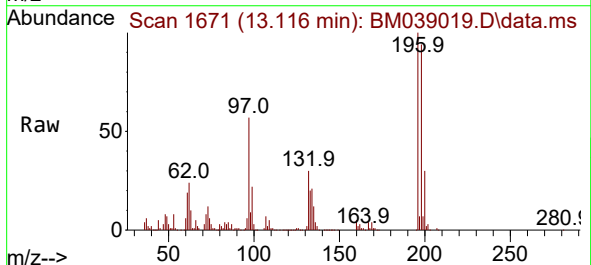
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2023

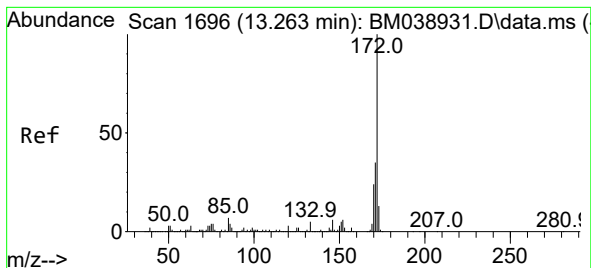
Tgt Ion:196 Resp: 170233
Ion Ratio Lower Upper
196 100
198 95.6 75.8 113.8
200 30.6 25.0 37.4



#44
2,4,5-Trichlorophenol
Concen: 8.006 ng
RT: 13.116 min Scan# 1671
Delta R.T. -0.006 min
Lab File: BM039019.D
Acq: 16 Mar 2023 16:57

Tgt Ion:196 Resp: 184901
Ion Ratio Lower Upper
196 100
198 94.1 76.3 114.5
97 56.8 44.2 66.4
132 30.0 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 56.825 ng

RT: 13.245 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM039019.D

Acq: 16 Mar 2023 16:57

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2023

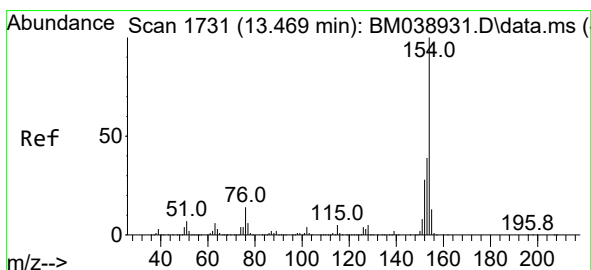
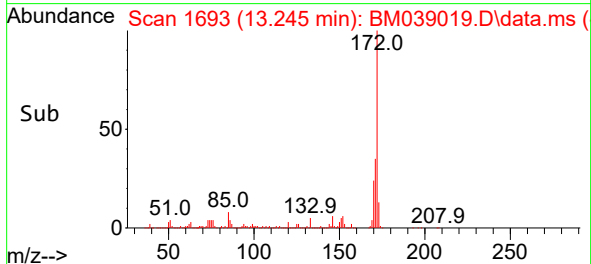
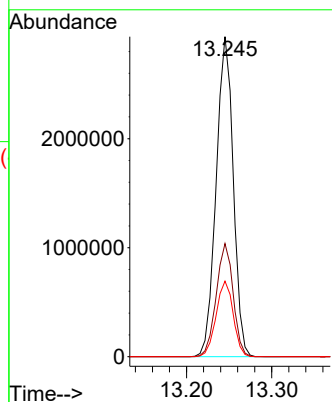
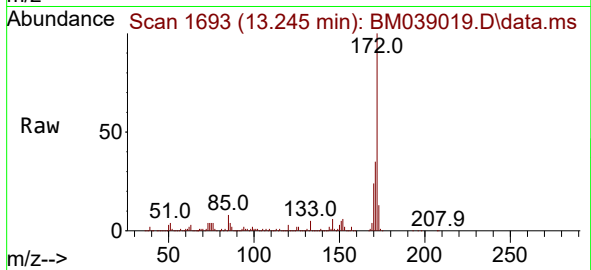
Tgt Ion:172 Resp: 4091445

Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.2

170 23.6 19.1 28.7



#46

1,1'-Biphenyl

Concen: 6.737 ng

RT: 13.451 min Scan# 1728

Delta R.T. -0.006 min

Lab File: BM039019.D

Acq: 16 Mar 2023 16:57

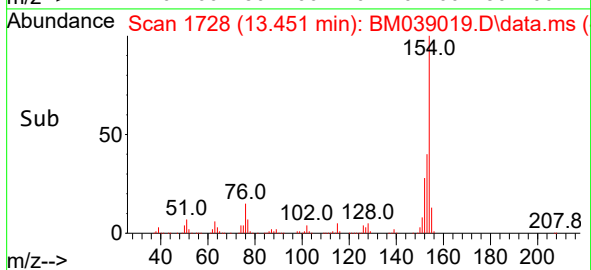
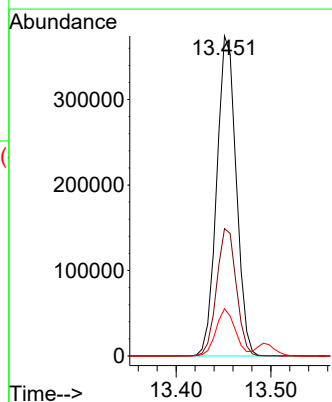
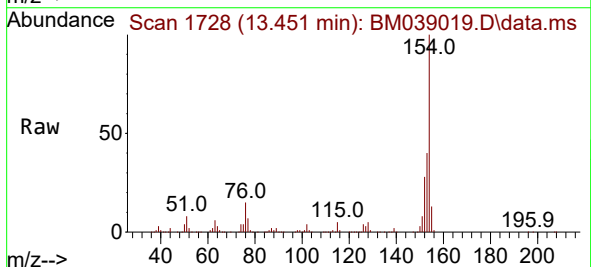
Tgt Ion:154 Resp: 534965

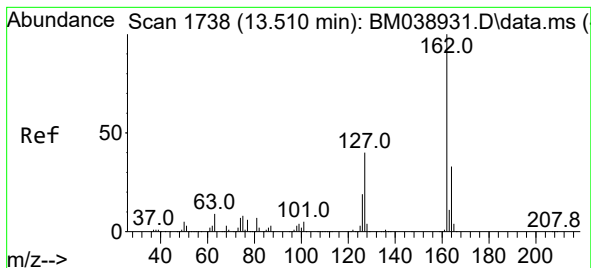
Ion Ratio Lower Upper

154 100

153 39.8 19.3 59.3

76 14.7 0.0 34.0





#47

2-Chloronaphthalene

Concen: 9.530 ng

RT: 13.498 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM039019.D

Acq: 16 Mar 2023 16:57

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2023

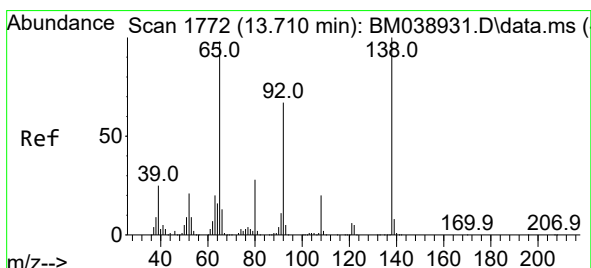
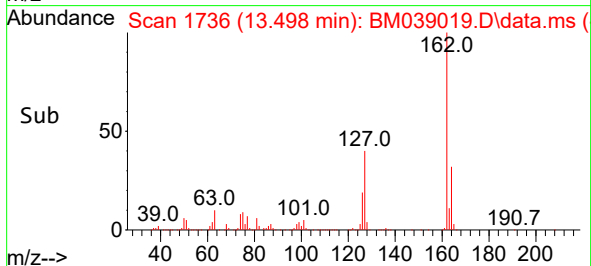
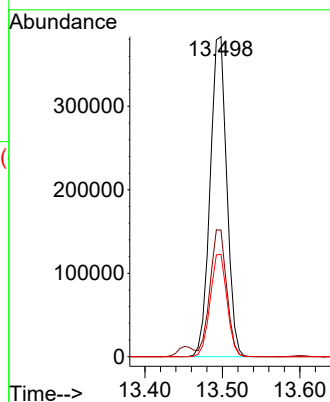
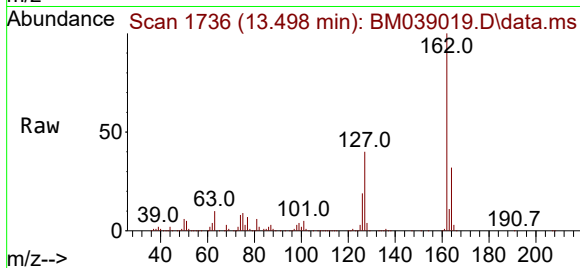
Tgt Ion:162 Resp: 570637

Ion Ratio Lower Upper

162 100

127 39.6 32.1 48.1

164 32.0 26.2 39.4



#48

2-Nitroaniline

Concen: 9.505 ng

RT: 13.698 min Scan# 1770

Delta R.T. 0.000 min

Lab File: BM039019.D

Acq: 16 Mar 2023 16:57

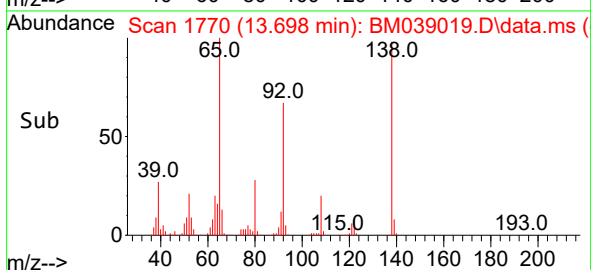
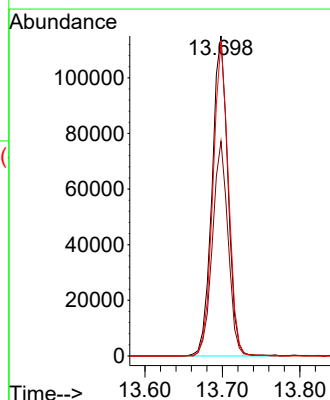
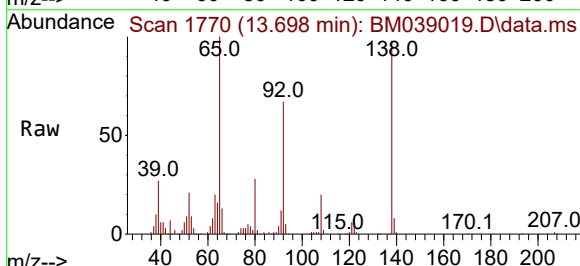
Tgt Ion: 65 Resp: 163446

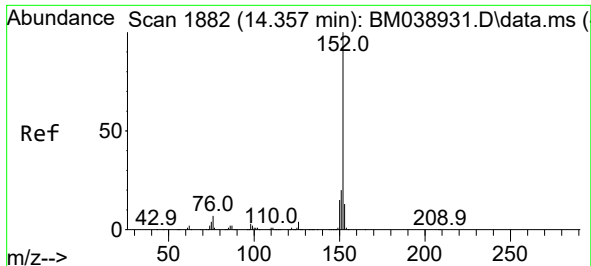
Ion Ratio Lower Upper

65 100

92 67.1 54.9 82.3

138 98.5 81.6 122.4

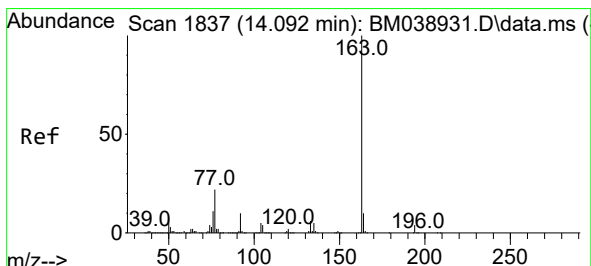
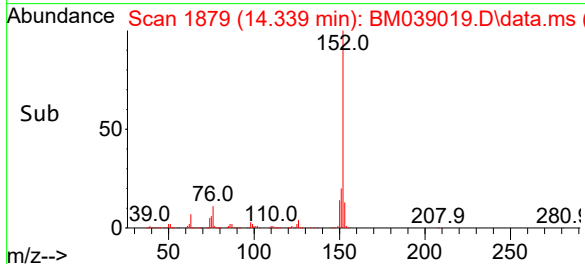
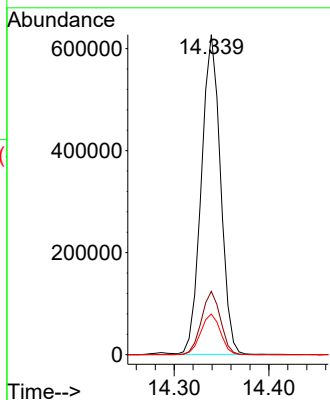
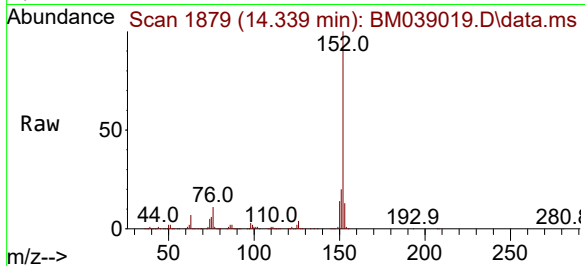




#49
Acenaphthylene
Concen: 9.211 ng
RT: 14.339 min Scan# 1882
Delta R.T. 0.000 min
Lab File: BM039019.D
Acq: 16 Mar 2023 16:57

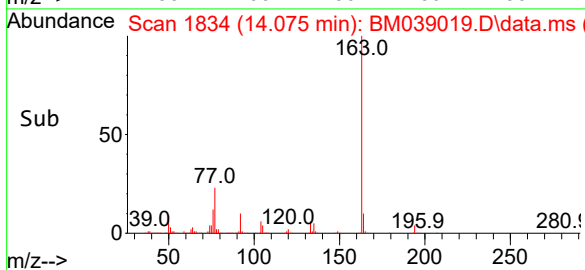
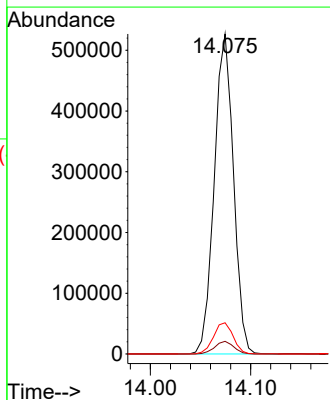
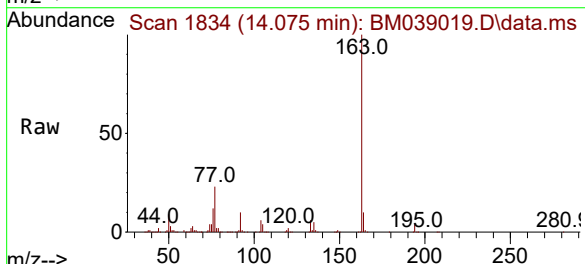
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2023

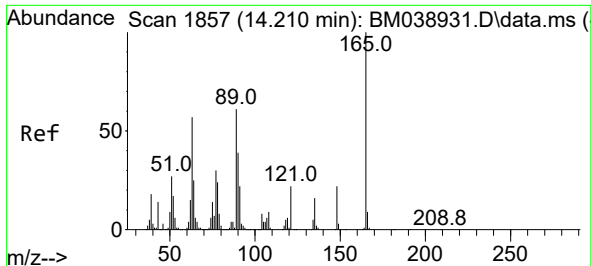
Tgt Ion:152 Resp: 878553
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.8
153 12.7 10.4 15.6



#50
Dimethylphthalate
Concen: 9.701 ng
RT: 14.075 min Scan# 1834
Delta R.T. 0.000 min
Lab File: BM039019.D
Acq: 16 Mar 2023 16:57

Tgt Ion:163 Resp: 699716
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 9.8 8.1 12.1

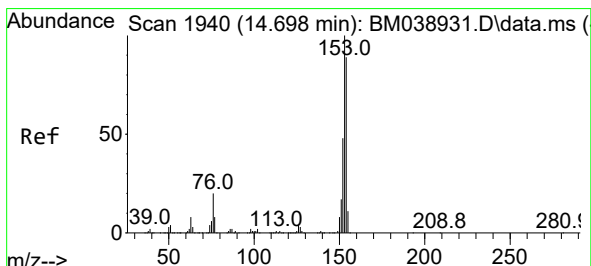
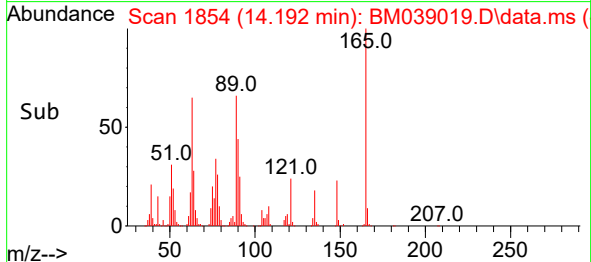
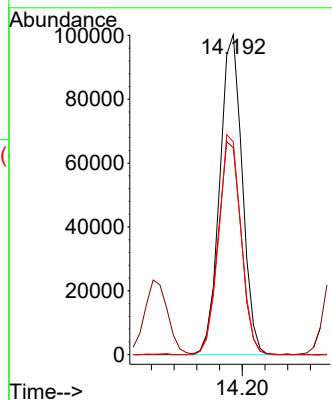
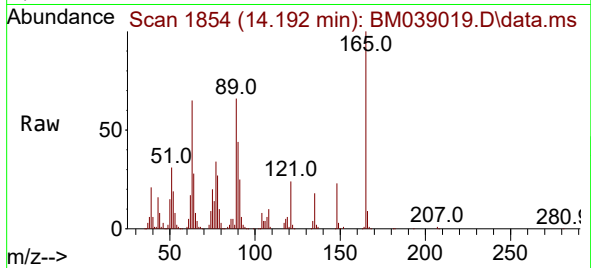




#51
2,6-Dinitrotoluene
Concen: 9.386 ng
RT: 14.192 min Scan# 1854
Delta R.T. 0.000 min
Lab File: BM039019.D
Acq: 16 Mar 2023 16:57

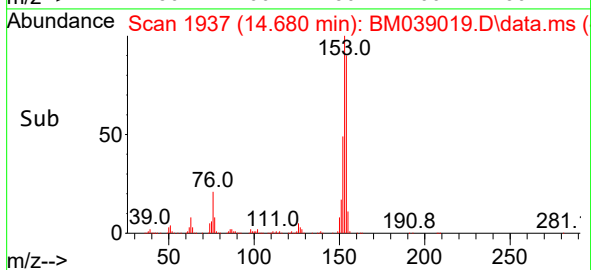
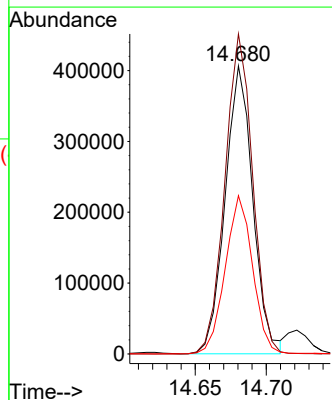
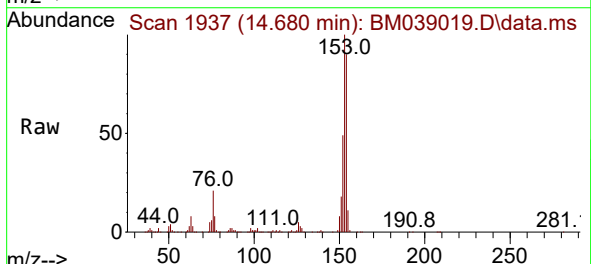
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2023

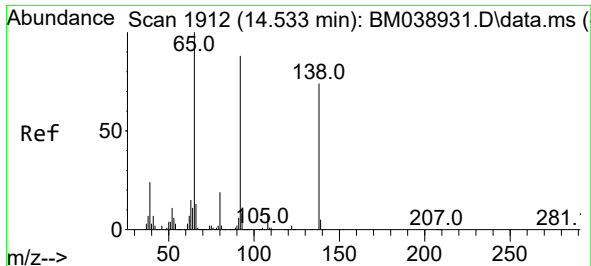
Tgt Ion:165 Resp: 137648
Ion Ratio Lower Upper
165 100
63 64.7 46.6 70.0
89 66.5 48.6 73.0



#52
Acenaphthene
Concen: 9.422 ng
RT: 14.680 min Scan# 1937
Delta R.T. 0.000 min
Lab File: BM039019.D
Acq: 16 Mar 2023 16:57

Tgt Ion:154 Resp: 552270
Ion Ratio Lower Upper
154 100
153 111.1 90.2 135.2
152 55.0 43.4 65.2

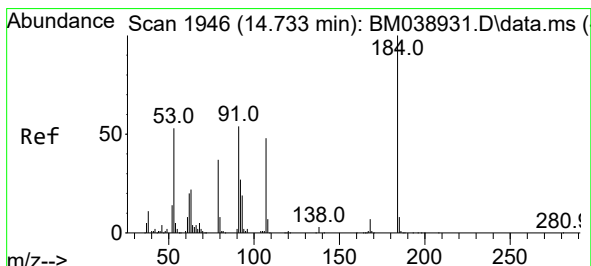
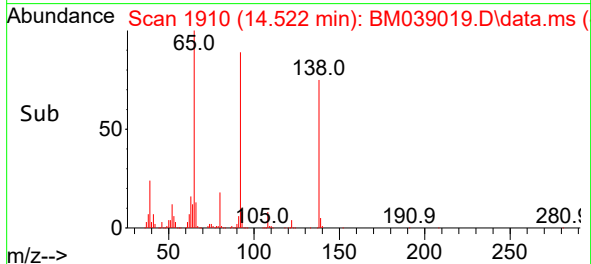
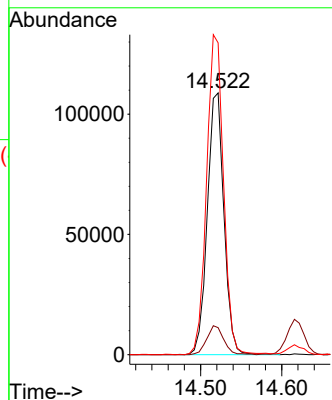
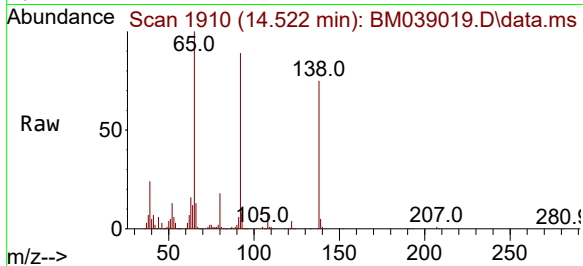




#53
3-Nitroaniline
Concen: 9.084 ng
RT: 14.522 min Scan# 1910
Delta R.T. 0.001 min
Lab File: BM039019.D
Acq: 16 Mar 2023 16:57

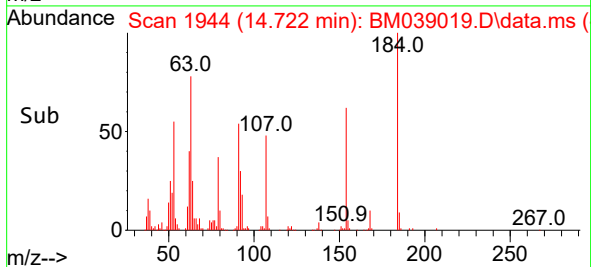
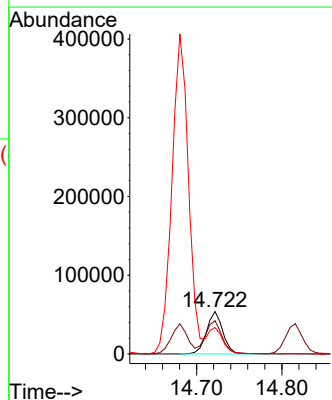
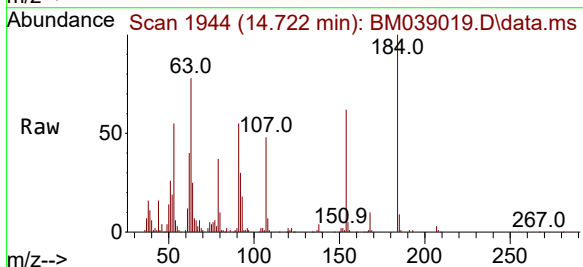
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2023

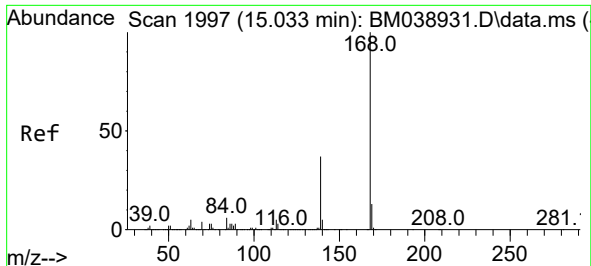
Tgt Ion:138 Resp: 154426
Ion Ratio Lower Upper
138 100
108 10.3 8.3 12.5
92 119.1 95.8 143.8



#54
2,4-Dinitrophenol
Concen: 9.006 ng
RT: 14.722 min Scan# 1944
Delta R.T. 0.001 min
Lab File: BM039019.D
Acq: 16 Mar 2023 16:57

Tgt Ion:184 Resp: 71173
Ion Ratio Lower Upper
184 100
63 78.5 60.6 90.8
154 62.5 51.4 77.2

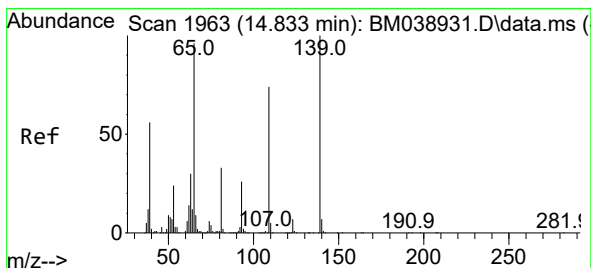
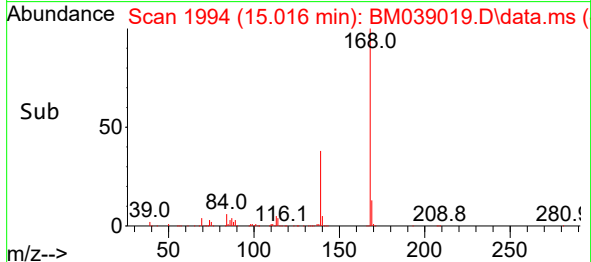
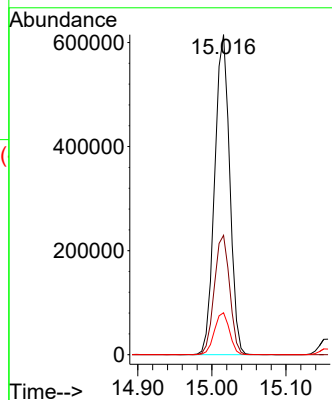
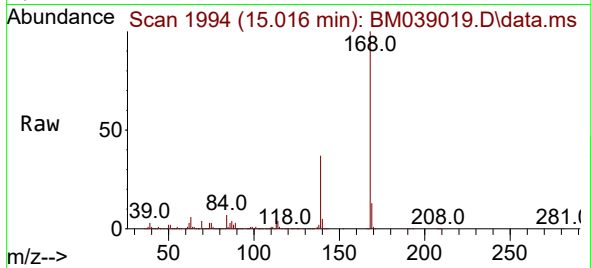




#55
Dibenzenofuran
Concen: 9.433 ng
RT: 15.016 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BM039019.D
Acq: 16 Mar 2023 16:57

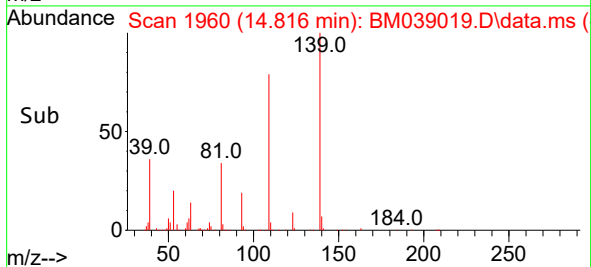
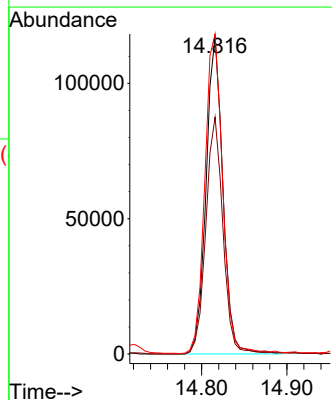
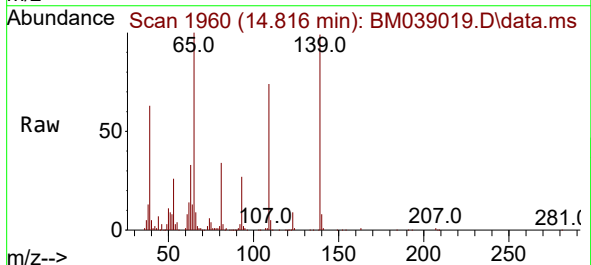
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2023

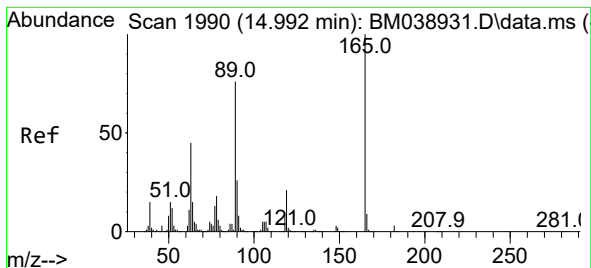
Tgt Ion:168 Resp: 865202
Ion Ratio Lower Upper
168 100
139 37.3 29.9 44.9
169 13.1 10.7 16.1



#56
4-Nitrophenol
Concen: 11.243 ng
RT: 14.816 min Scan# 1960
Delta R.T. -0.006 min
Lab File: BM039019.D
Acq: 16 Mar 2023 16:57

Tgt Ion:139 Resp: 161042
Ion Ratio Lower Upper
139 100
109 74.6 53.5 93.5
65 100.8 76.4 116.4





#57

2,4-Dinitrotoluene

Concen: 9.232 ng

RT: 14.974 min Scan# 1990

Delta R.T. 0.000 min

Lab File: BM039019.D

Acq: 16 Mar 2023 16:57

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2023

Tgt Ion:165 Resp: 173371

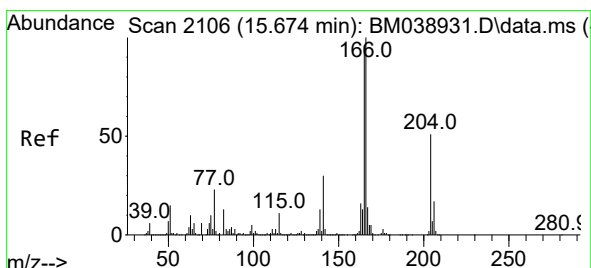
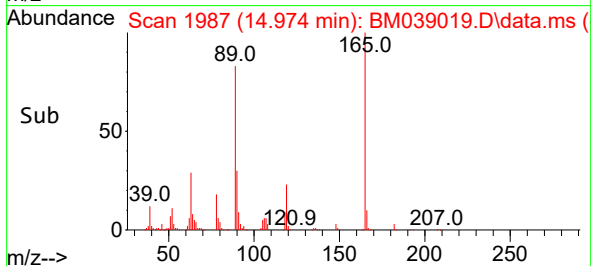
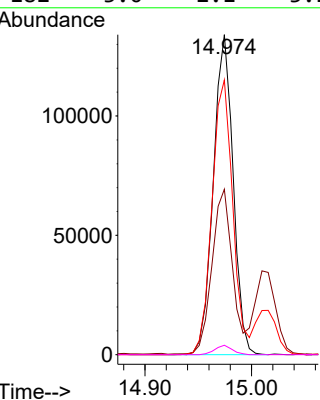
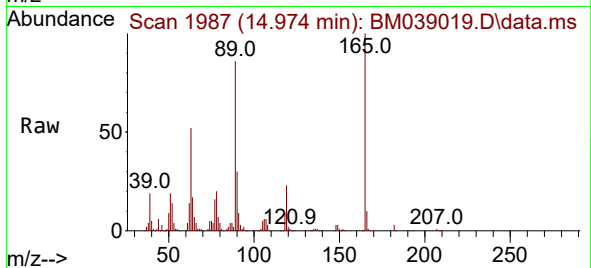
Ion Ratio Lower Upper

165 100

63 51.7 35.9 53.9

89 85.8 61.0 91.6

182 3.0 2.1 3.1



#58

Fluorene

Concen: 9.557 ng

RT: 15.663 min Scan# 2104

Delta R.T. 0.000 min

Lab File: BM039019.D

Acq: 16 Mar 2023 16:57

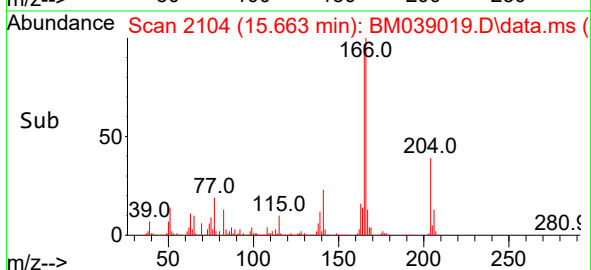
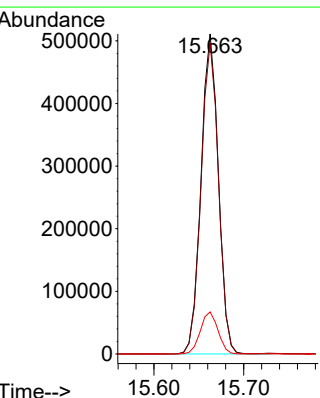
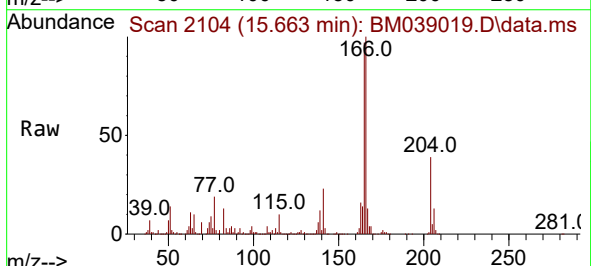
Tgt Ion:166 Resp: 686681

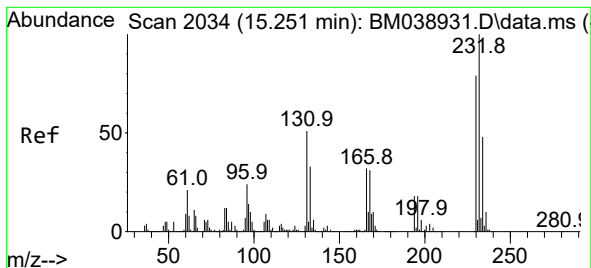
Ion Ratio Lower Upper

166 100

165 97.2 77.1 115.7

167 13.2 10.9 16.3

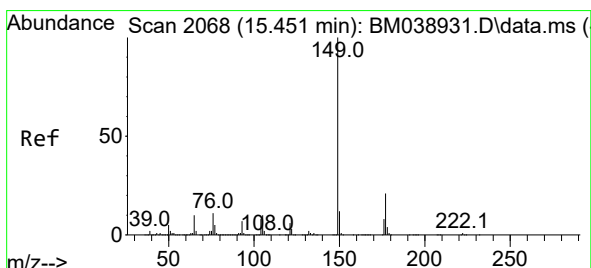
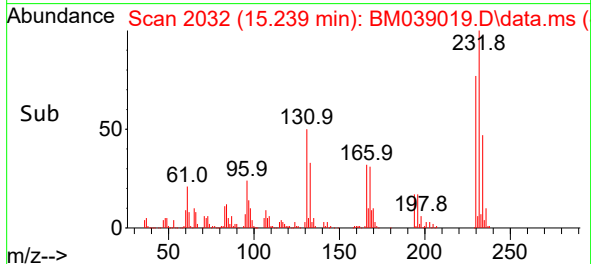
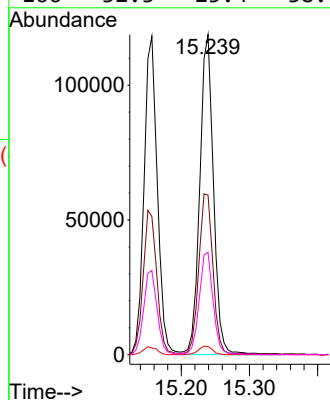
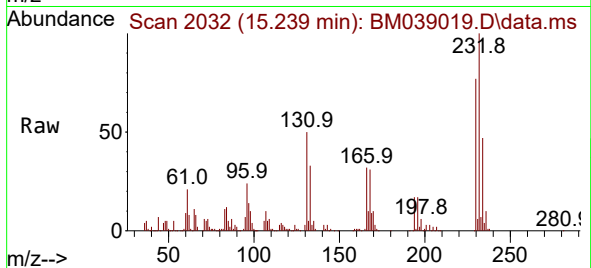




#59
2,3,4,6-Tetrachlorophenol
Concen: 9.345 ng
RT: 15.239 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BM039019.D
Acq: 16 Mar 2023 16:57

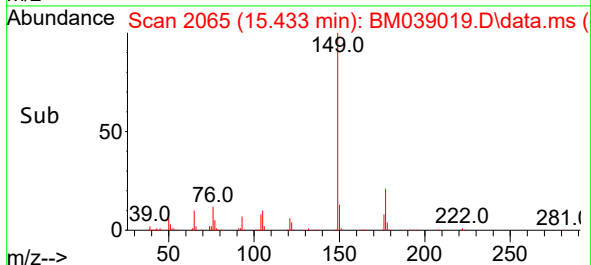
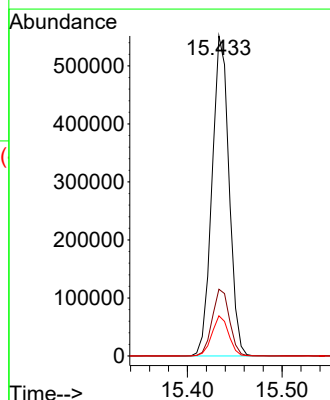
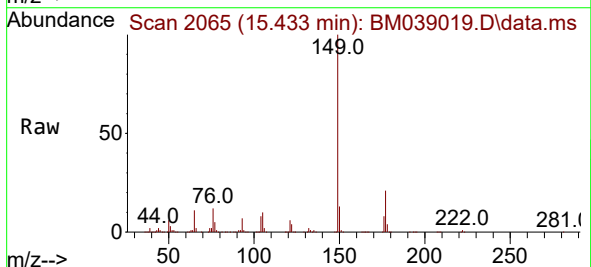
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2023

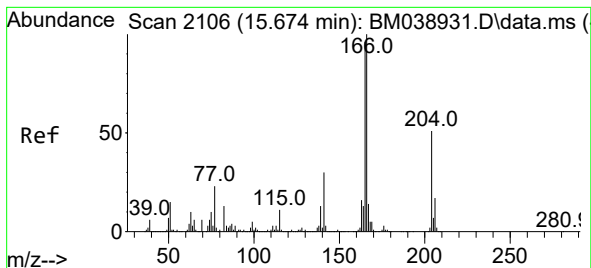
Tgt Ion:232 Resp: 166457
Ion Ratio Lower Upper
232 100
131 50.9 40.0 60.0
130 2.7 2.0 3.0
166 32.3 25.4 38.0



#60
Diethylphthalate
Concen: 9.794 ng
RT: 15.433 min Scan# 2065
Delta R.T. -0.006 min
Lab File: BM039019.D
Acq: 16 Mar 2023 16:57

Tgt Ion:149 Resp: 687303
Ion Ratio Lower Upper
149 100
177 20.9 17.1 25.7
150 12.6 9.7 14.5

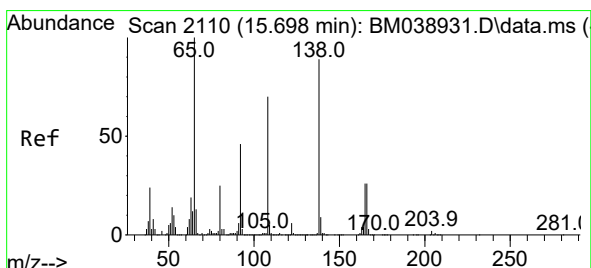
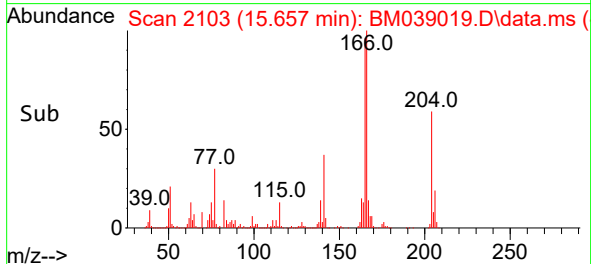
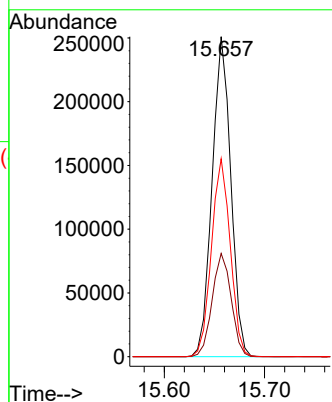
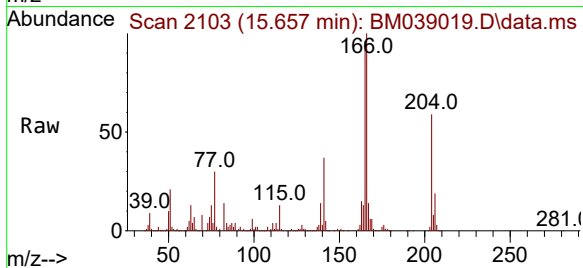




#61
4-Chlorophenyl-phenylether
Concen: 9.198 ng
RT: 15.657 min Scan# 2103
Delta R.T. 0.000 min
Lab File: BM039019.D
Acq: 16 Mar 2023 16:57

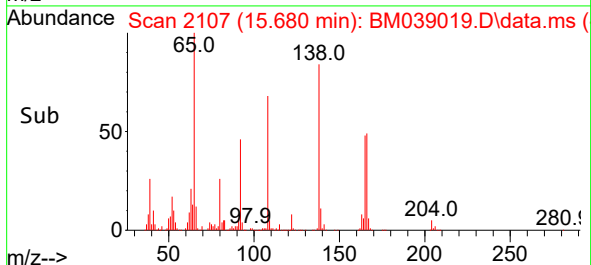
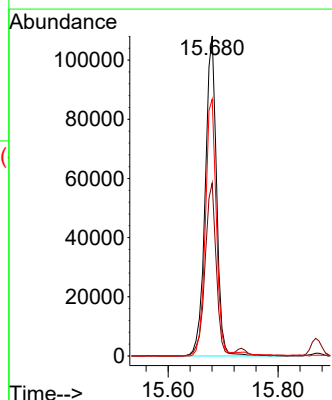
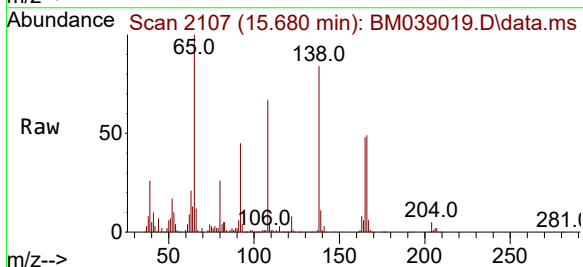
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2023

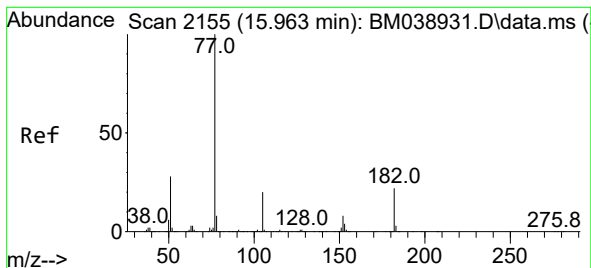
Tgt Ion:204 Resp: 324684
Ion Ratio Lower Upper
204 100
206 32.2 26.4 39.6
141 61.9 46.4 69.6



#62
4-Nitroaniline
Concen: 9.095 ng
RT: 15.680 min Scan# 2107
Delta R.T. -0.006 min
Lab File: BM039019.D
Acq: 16 Mar 2023 16:57

Tgt Ion:138 Resp: 154294
Ion Ratio Lower Upper
138 100
92 54.1 31.6 71.6
108 80.2 58.6 98.6





#63

Azobenzene

Concen: 9.965 ng

RT: 15.951 min Scan# 2153

Delta R.T. 0.000 min

Lab File: BM039019.D

Acq: 16 Mar 2023 16:57

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2023

Tgt Ion: 77 Resp: 739984

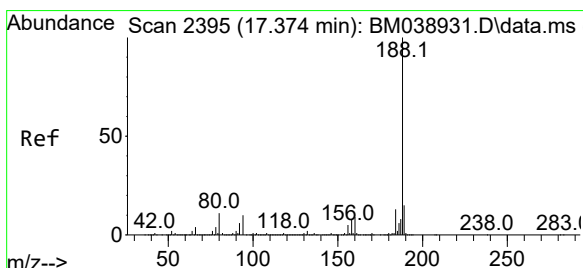
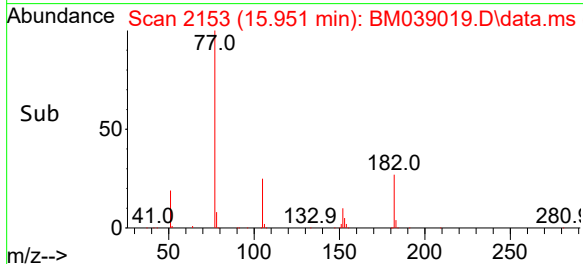
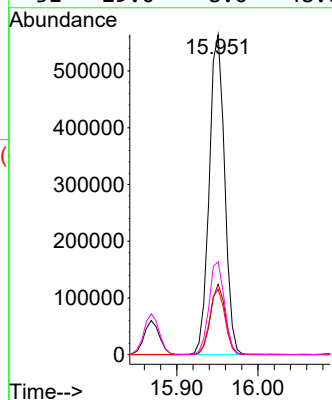
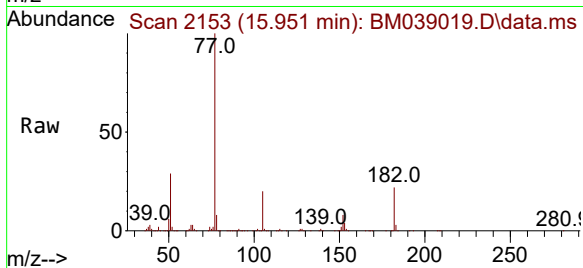
Ion Ratio Lower Upper

77 100

182 22.0 2.0 42.0

105 20.5 0.4 40.4

51 29.0 8.0 48.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.363 min Scan# 2393

Delta R.T. 0.001 min

Lab File: BM039019.D

Acq: 16 Mar 2023 16:57

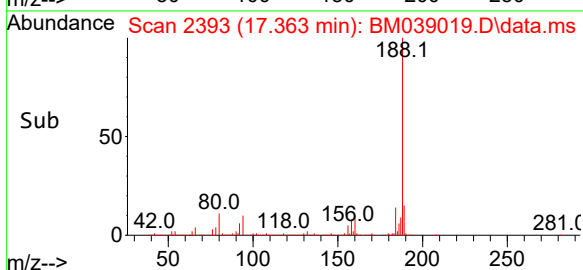
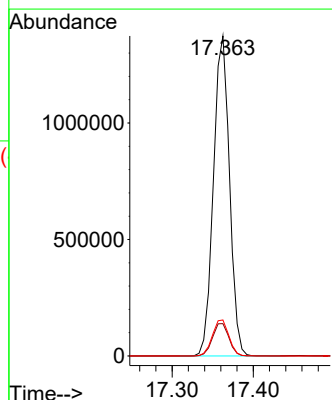
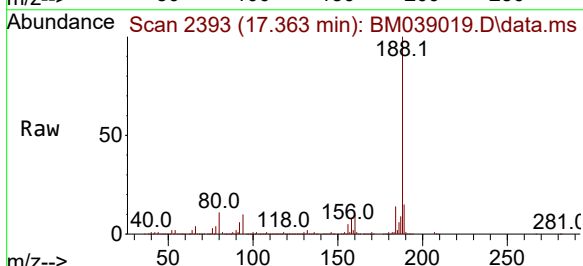
Tgt Ion: 188 Resp: 1884677

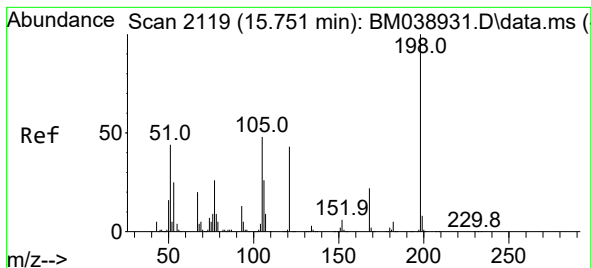
Ion Ratio Lower Upper

188 100

94 10.1 7.9 11.9

80 11.2 8.5 12.7

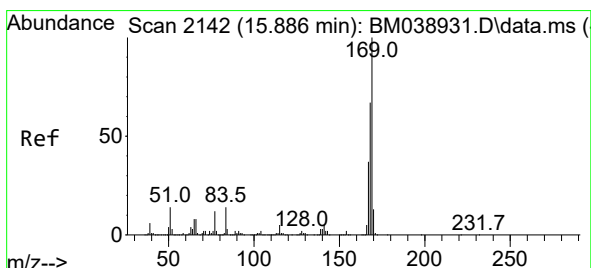
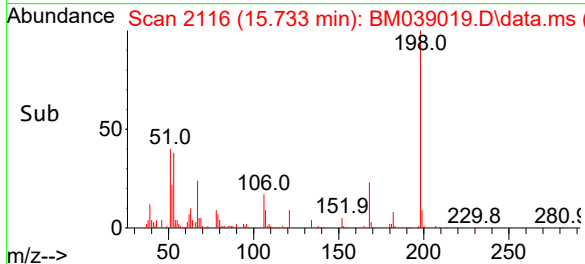
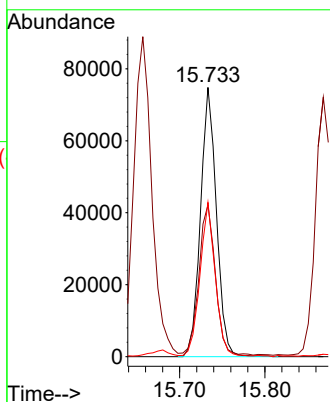
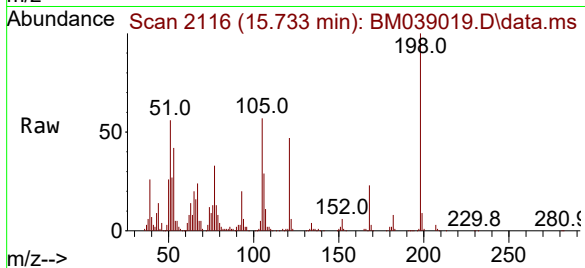




#65
4,6-Dinitro-2-methylphenol
Concen: 8.597 ng
RT: 15.733 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BM039019.D
Acq: 16 Mar 2023 16:57

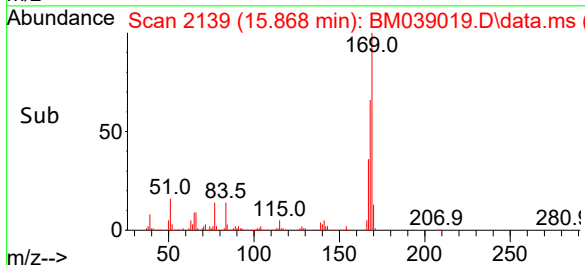
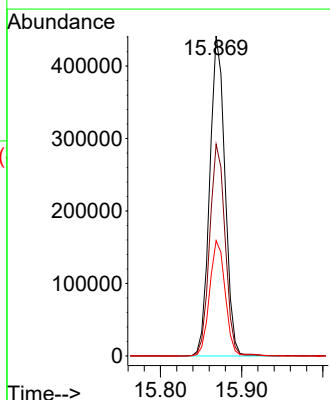
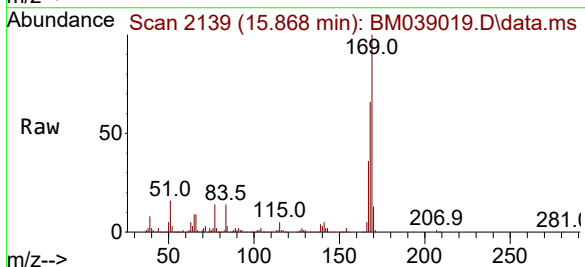
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2023

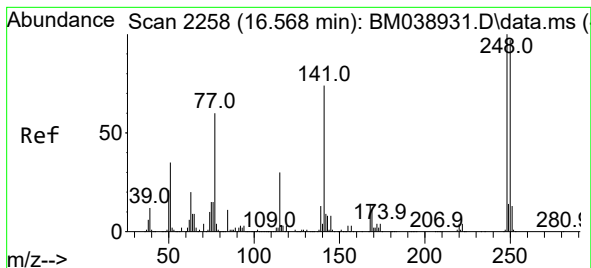
Tgt Ion:198 Resp: 97002
Ion Ratio Lower Upper
198 100
51 56.3 30.1 70.1
105 57.3 29.3 69.3



#66
n-Nitrosodiphenylamine
Concen: 9.051 ng
RT: 15.868 min Scan# 2139
Delta R.T. -0.006 min
Lab File: BM039019.D
Acq: 16 Mar 2023 16:57

Tgt Ion:169 Resp: 575079
Ion Ratio Lower Upper
169 100
168 66.2 53.4 80.0
167 36.1 29.4 44.0

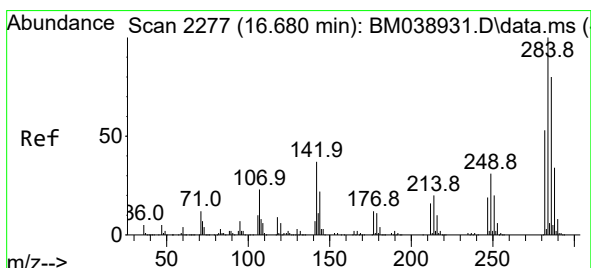
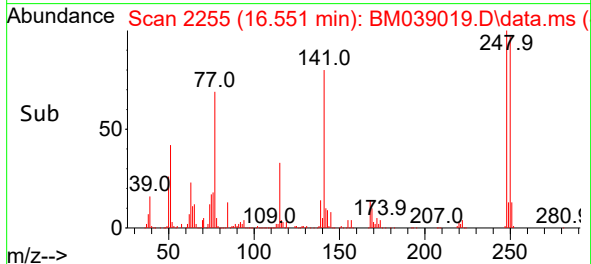
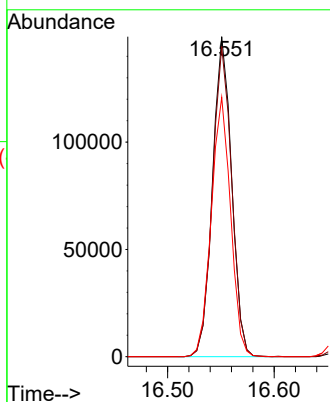
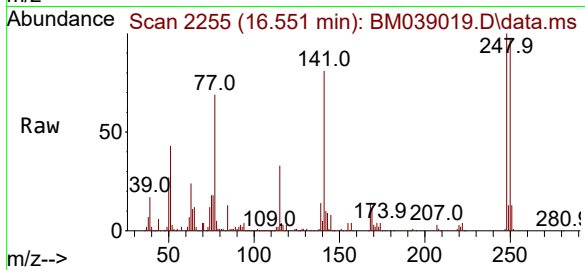




#67
4-Bromophenyl-phenylether
Concen: 9.107 ng
RT: 16.551 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM039019.D
Acq: 16 Mar 2023 16:57

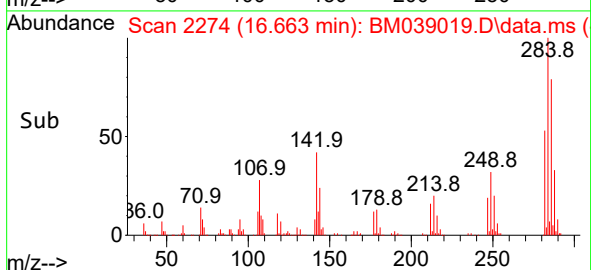
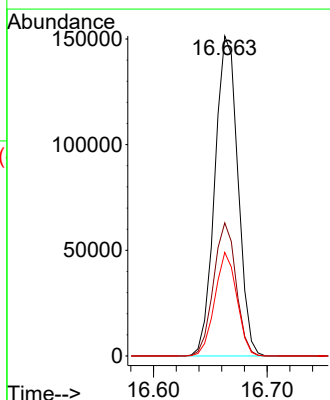
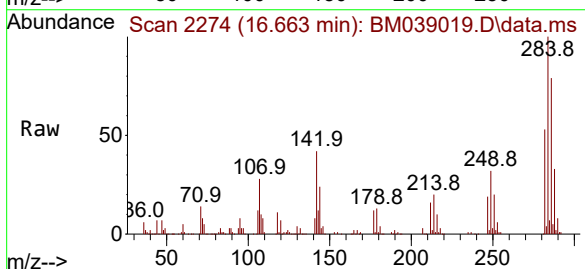
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2023

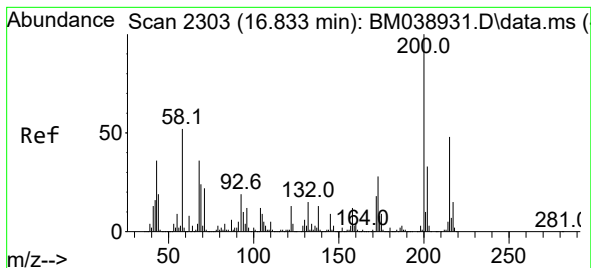
Tgt Ion:248 Resp: 185386
Ion Ratio Lower Upper
248 100
250 96.9 77.8 116.8
141 81.0 59.0 88.4



#68
Hexachlorobenzene
Concen: 9.376 ng
RT: 16.663 min Scan# 2274
Delta R.T. 0.000 min
Lab File: BM039019.D
Acq: 16 Mar 2023 16:57

Tgt Ion:284 Resp: 213359
Ion Ratio Lower Upper
284 100
142 41.6 29.5 44.3
249 32.3 25.0 37.4





#69

Atrazine

Concen: 7.076 ng

RT: 16.821 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM039019.D

Acq: 16 Mar 2023 16:57

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2023

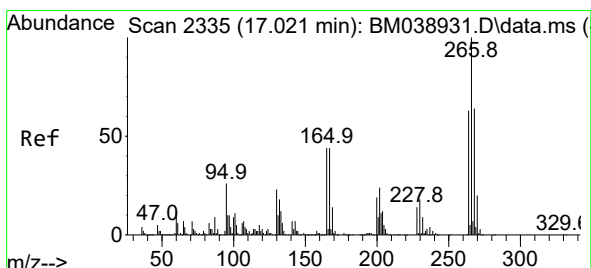
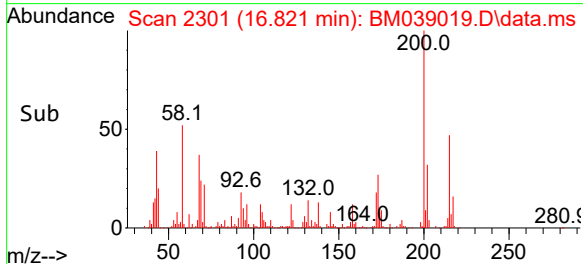
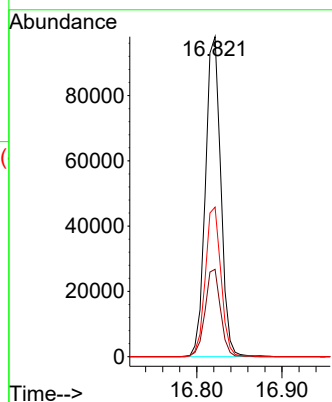
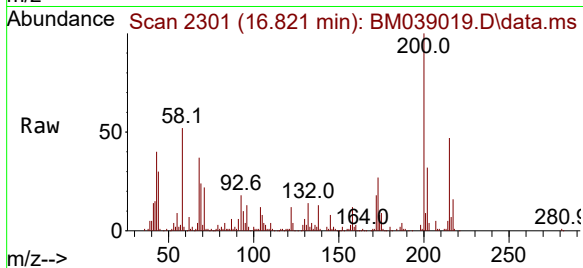
Tgt Ion:200 Resp: 122799

Ion Ratio Lower Upper

200 100

173 27.3 8.2 48.2

215 46.7 27.8 67.8



#70

Pentachlorophenol

Concen: 9.074 ng

RT: 17.010 min Scan# 2333

Delta R.T. 0.000 min

Lab File: BM039019.D

Acq: 16 Mar 2023 16:57

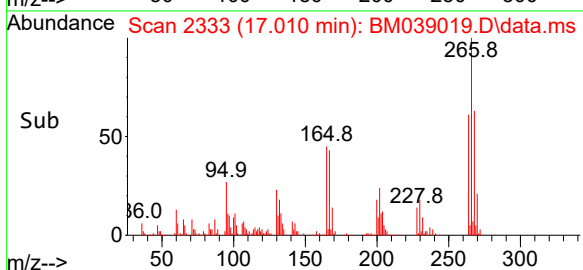
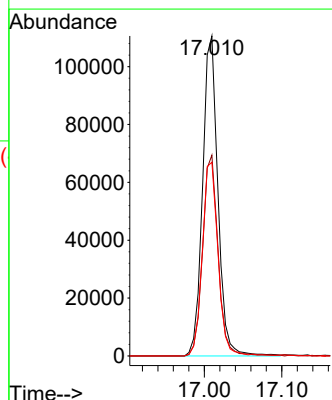
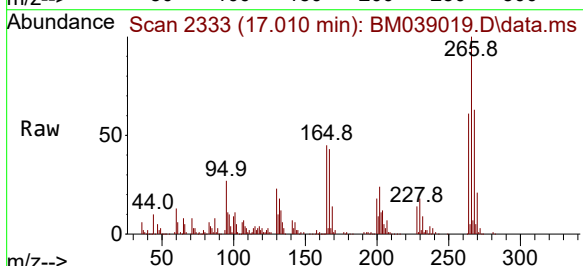
Tgt Ion:266 Resp: 151879

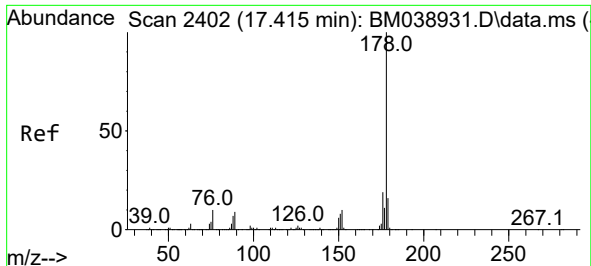
Ion Ratio Lower Upper

266 100

268 62.8 51.0 76.4

264 60.6 50.3 75.5

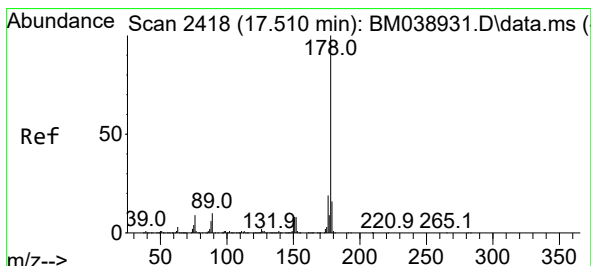
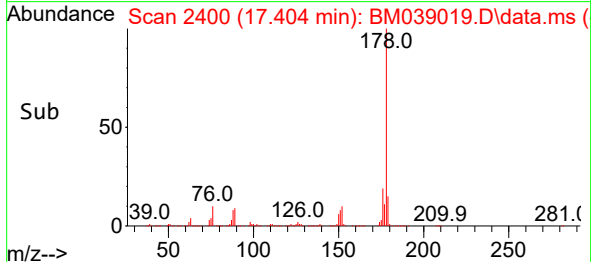
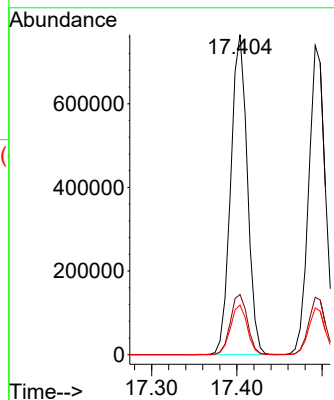
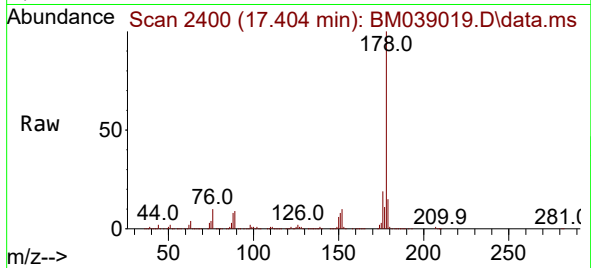




#71
Phenanthrene
Concen: 9.362 ng
RT: 17.404 min Scan# 2415
Delta R.T. 0.000 min
Lab File: BM039019.D
Acq: 16 Mar 2023 16:57

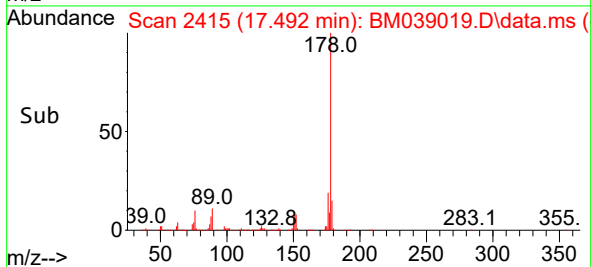
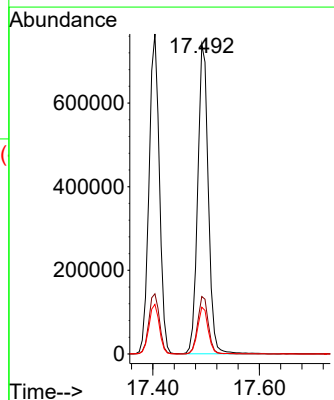
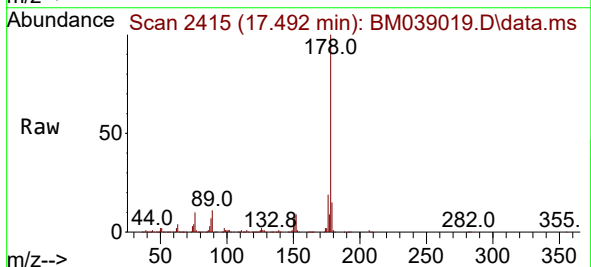
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2023

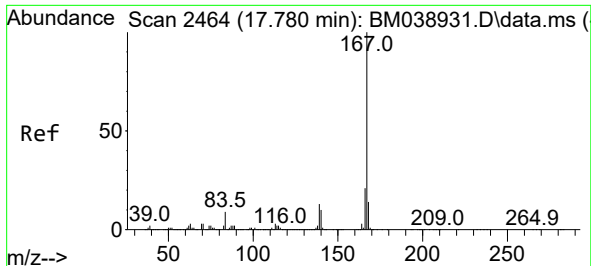
Tgt Ion:178 Resp: 1035510
Ion Ratio Lower Upper
178 100
176 18.8 15.6 23.4
179 15.5 12.5 18.7



#72
Anthracene
Concen: 9.231 ng
RT: 17.492 min Scan# 2415
Delta R.T. 0.000 min
Lab File: BM039019.D
Acq: 16 Mar 2023 16:57

Tgt Ion:178 Resp: 1018222
Ion Ratio Lower Upper
178 100
176 18.6 15.3 22.9
179 15.1 12.5 18.7

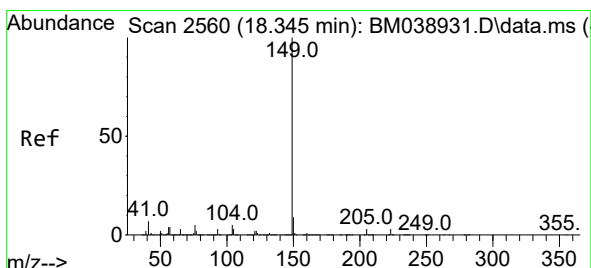
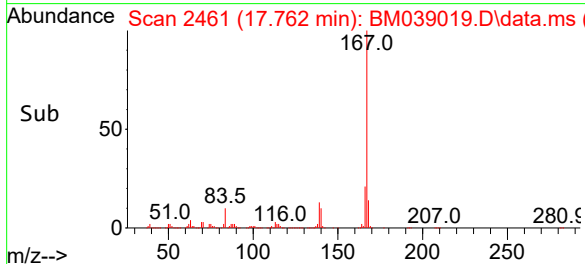
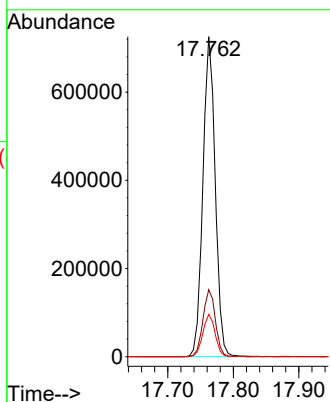
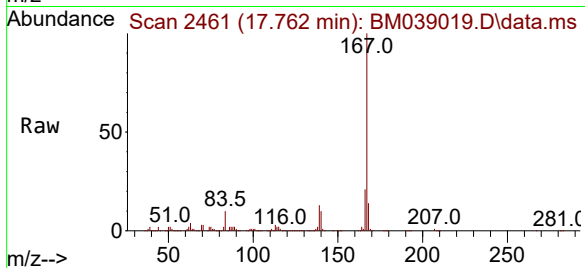




#73
 Carbazole
 Concen: 9.447 ng
 RT: 17.762 min Scan# 2461
 Delta R.T. 0.000 min
 Lab File: BM039019.D
 Acq: 16 Mar 2023 16:57

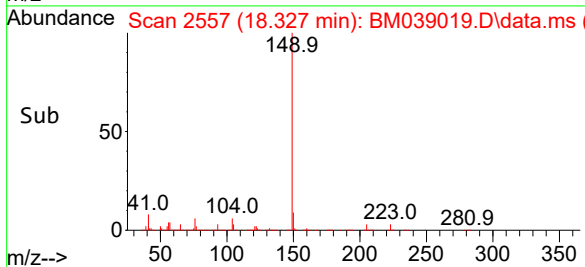
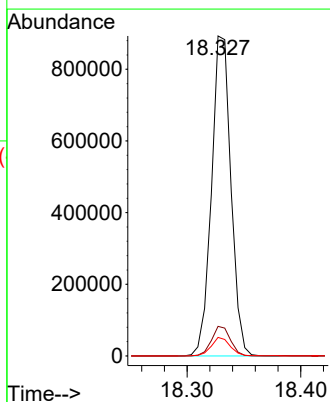
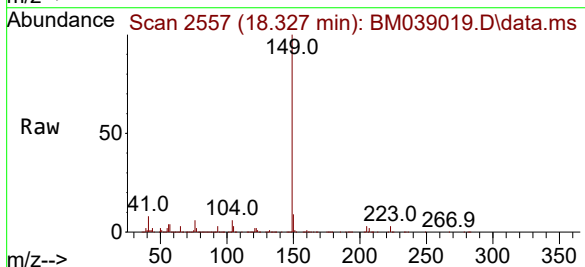
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT1-2023

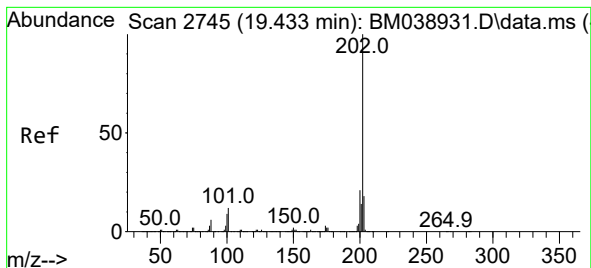
Tgt Ion:167 Resp: 951025
 Ion Ratio Lower Upper
 167 100
 166 20.9 17.0 25.4
 139 13.2 10.3 15.5



#74
 Di-n-butylphthalate
 Concen: 9.498 ng
 RT: 18.327 min Scan# 2557
 Delta R.T. 0.000 min
 Lab File: BM039019.D
 Acq: 16 Mar 2023 16:57

Tgt Ion:149 Resp: 1062167
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 5.8 4.3 6.5





#75

Fluoranthene

Concen: 9.001 ng

RT: 19.415 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM039019.D

Acq: 16 Mar 2023 16:57

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2023

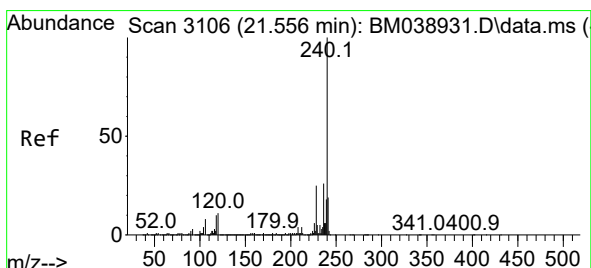
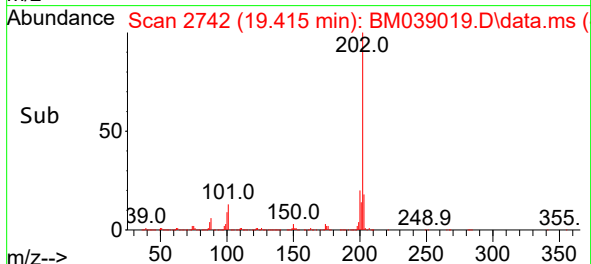
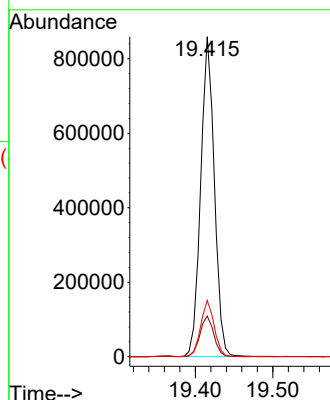
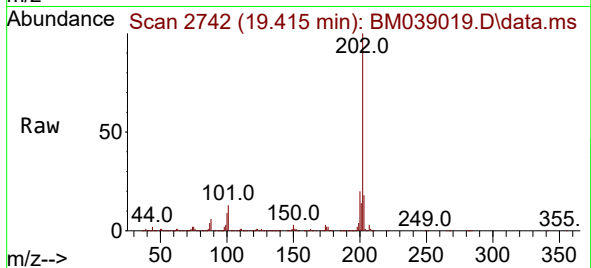
Tgt Ion:202 Resp: 1051201

Ion Ratio Lower Upper

202 100

101 12.7 0.0 31.7

203 17.6 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.545 min Scan# 3104

Delta R.T. 0.006 min

Lab File: BM039019.D

Acq: 16 Mar 2023 16:57

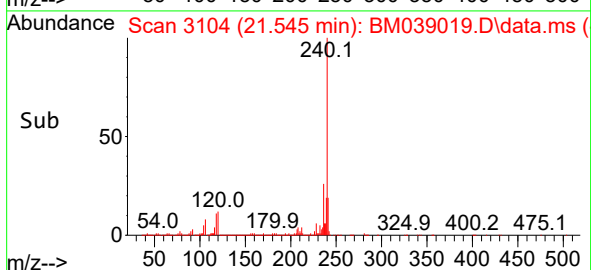
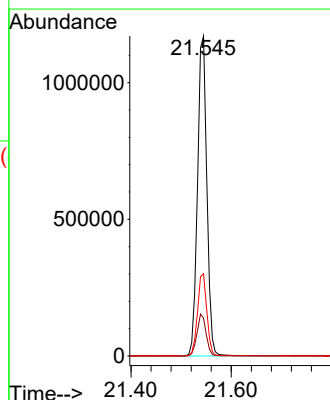
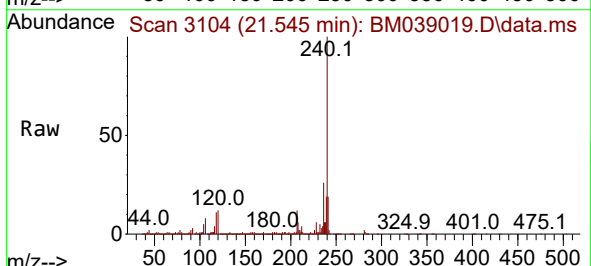
Tgt Ion:240 Resp: 1510075

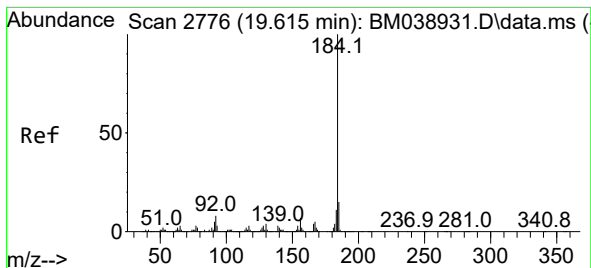
Ion Ratio Lower Upper

240 100

120 11.8 9.2 13.8

236 25.7 20.8 31.2





#77

Benzidine

Concen: 10.109 ng

RT: 19.604 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM039019.D

Acq: 16 Mar 2023 16:57

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2023

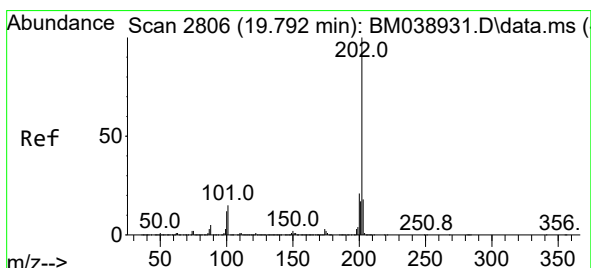
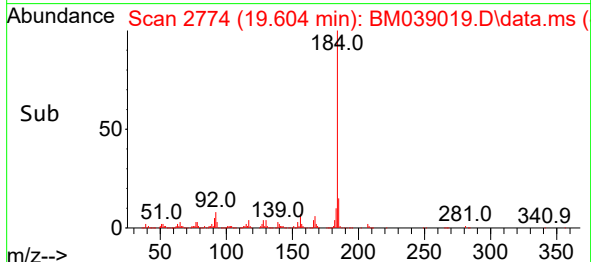
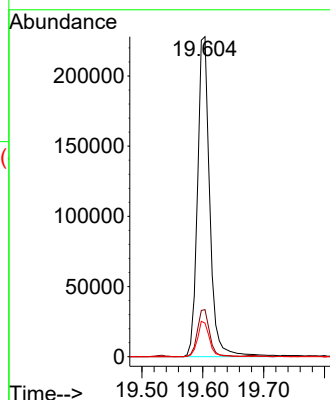
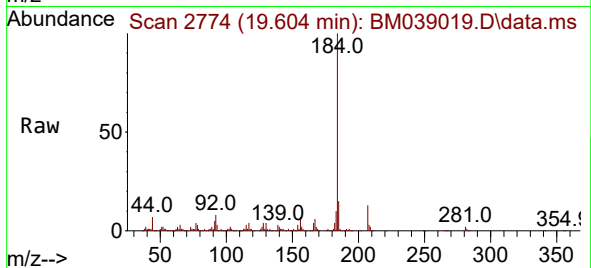
Tgt Ion:184 Resp: 318167

Ion Ratio Lower Upper

184 100

185 14.7 12.2 18.4

183 10.5 8.8 13.2



#78

Pyrene

Concen: 9.831 ng

RT: 19.780 min Scan# 2804

Delta R.T. 0.000 min

Lab File: BM039019.D

Acq: 16 Mar 2023 16:57

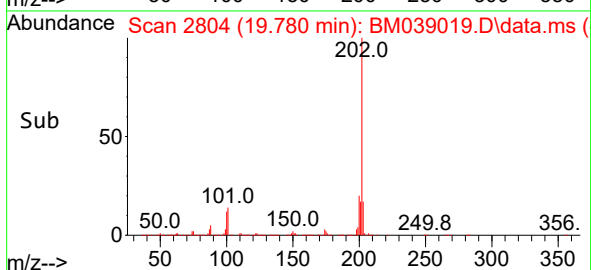
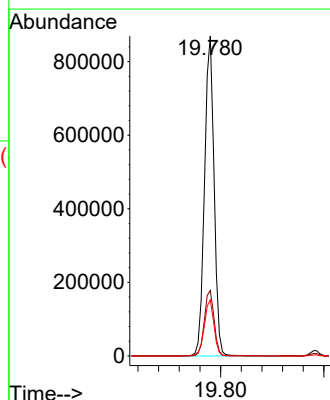
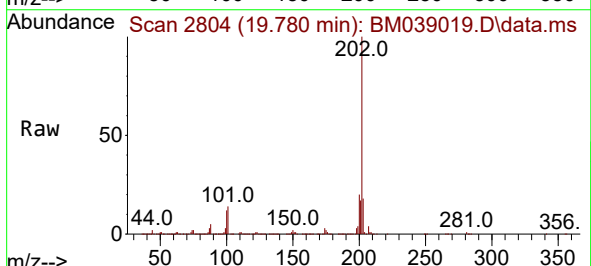
Tgt Ion:202 Resp: 1115045

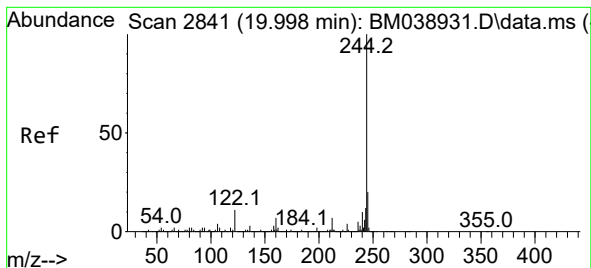
Ion Ratio Lower Upper

202 100

200 20.4 17.1 25.7

203 17.5 14.1 21.1





#79

Terphenyl-d14

Concen: 64.779 ng

RT: 19.986 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM039019.D

Acq: 16 Mar 2023 16:57

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2023

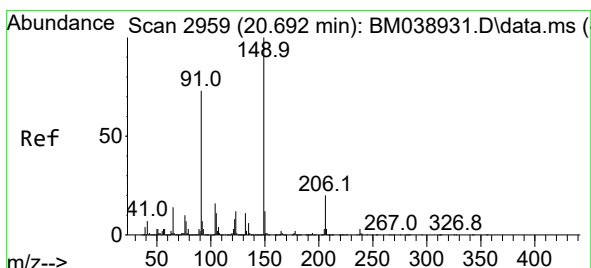
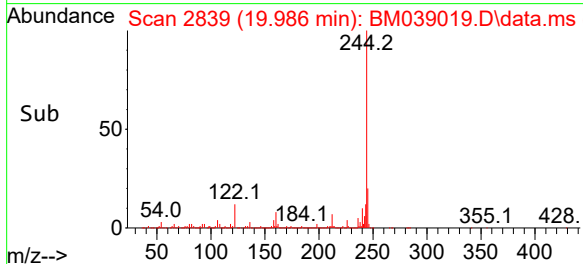
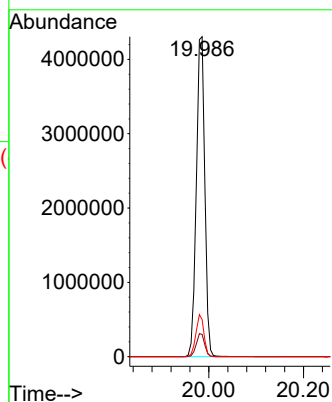
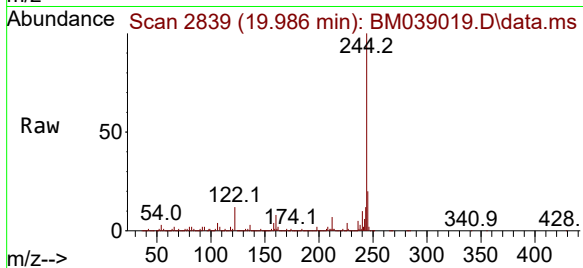
Tgt Ion:244 Resp: 5350325

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

122 11.6 9.0 13.4



#80

Butylbenzylphthalate

Concen: 9.550 ng

RT: 20.674 min Scan# 2956

Delta R.T. 0.000 min

Lab File: BM039019.D

Acq: 16 Mar 2023 16:57

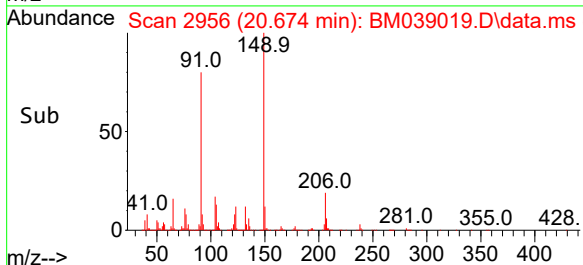
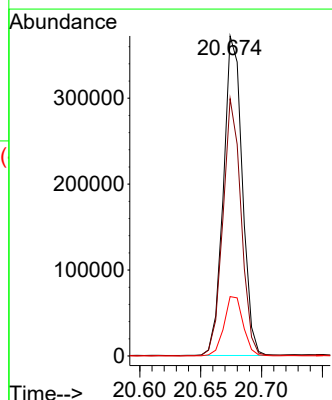
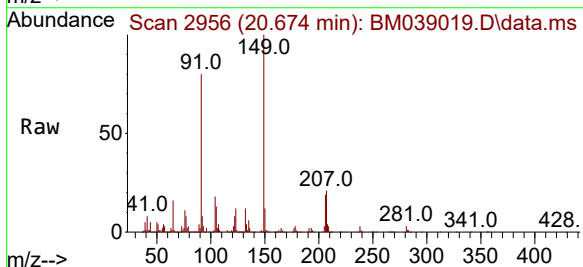
Tgt Ion:149 Resp: 402287

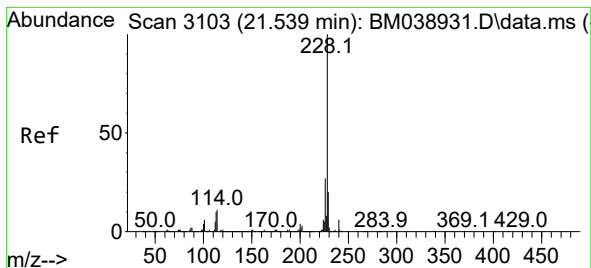
Ion Ratio Lower Upper

149 100

91 80.4 58.4 87.6

206 18.5 16.1 24.1





#81

Benzo(a)anthracene

Concen: 9.155 ng

RT: 21.527 min Scan# 3103

Delta R.T. 0.000 min

Lab File: BM039019.D

Acq: 16 Mar 2023 16:57

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2023

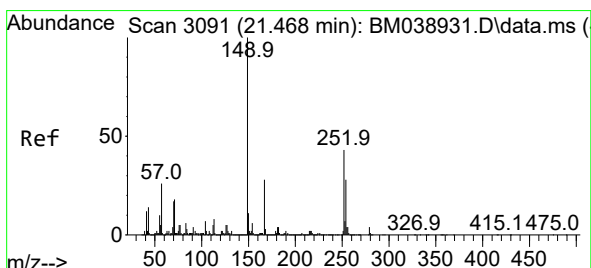
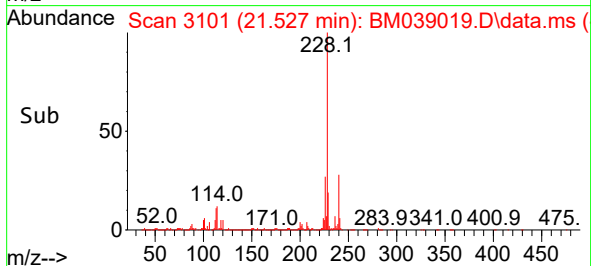
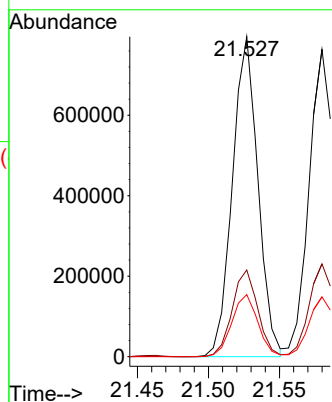
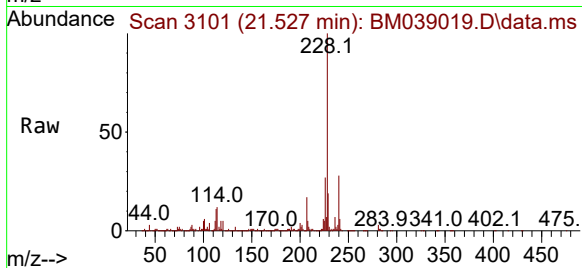
Tgt Ion:228 Resp: 995581

Ion Ratio Lower Upper

228 100

226 27.1 21.4 32.2

229 19.4 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 6.958 ng

RT: 21.456 min Scan# 3089

Delta R.T. 0.000 min

Lab File: BM039019.D

Acq: 16 Mar 2023 16:57

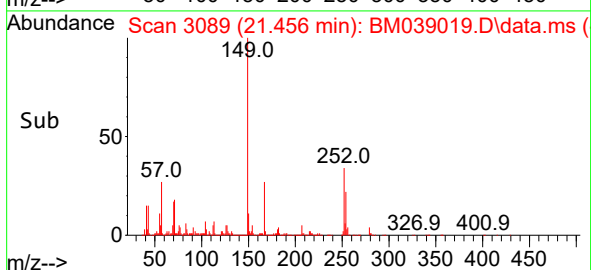
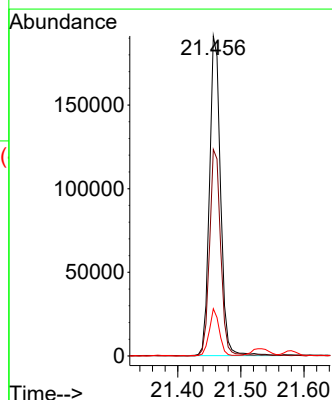
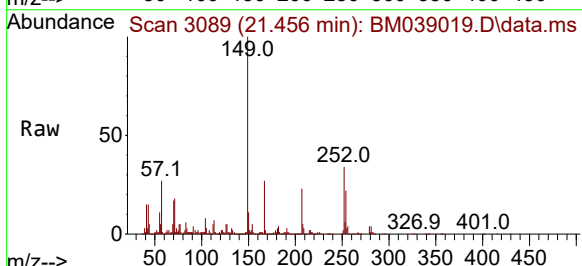
Tgt Ion:252 Resp: 232560

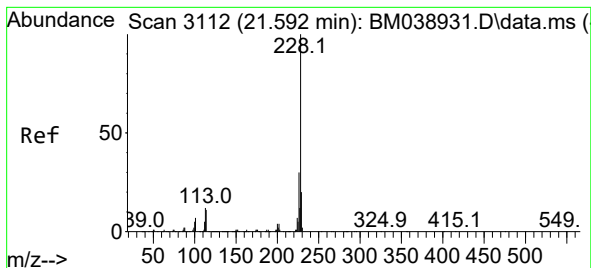
Ion Ratio Lower Upper

252 100

254 64.6 51.5 77.3

126 14.7 9.9 14.9





#83

Chrysene

Concen: 9.112 ng

RT: 21.580 min Scan# 3112

Delta R.T. 0.000 min

Lab File: BM039019.D

Acq: 16 Mar 2023 16:57

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2023

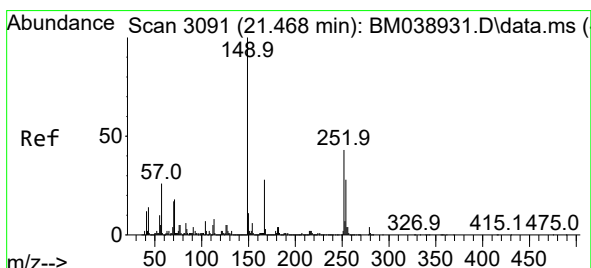
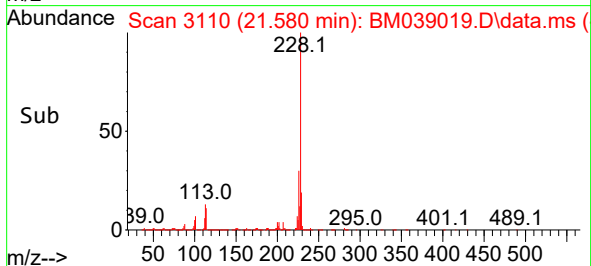
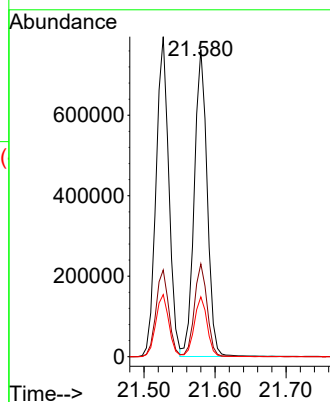
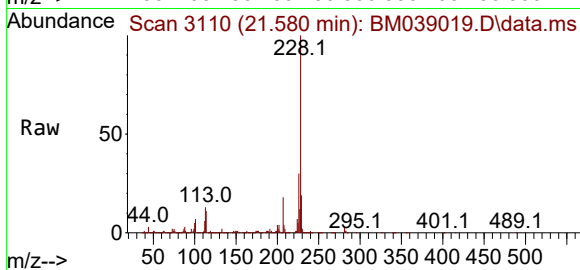
Tgt Ion:228 Resp: 963729

Ion Ratio Lower Upper

228 100

226 30.2 24.0 36.0

229 19.5 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 9.678 ng

RT: 21.456 min Scan# 3089

Delta R.T. 0.006 min

Lab File: BM039019.D

Acq: 16 Mar 2023 16:57

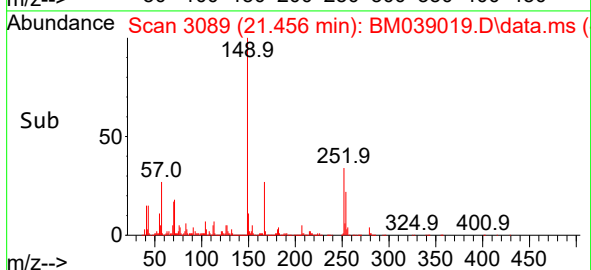
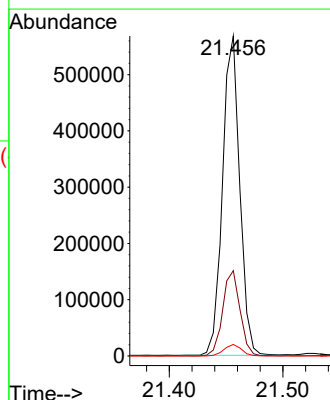
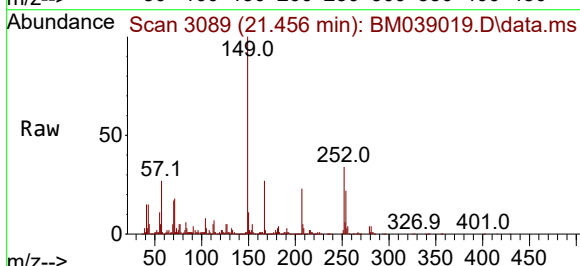
Tgt Ion:149 Resp: 598301

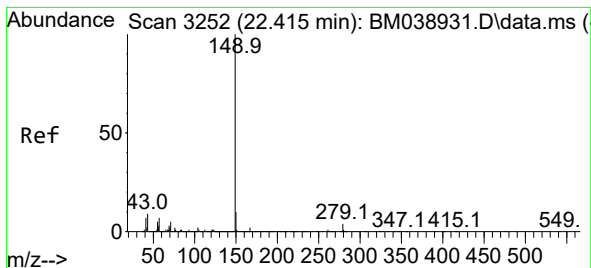
Ion Ratio Lower Upper

149 100

167 26.7 22.3 33.5

279 3.6 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 8.469 ng

RT: 22.392 min Scan# 31

Delta R.T. 0.001 min

Lab File: BM039019.D

Acq: 16 Mar 2023 16:57

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2023

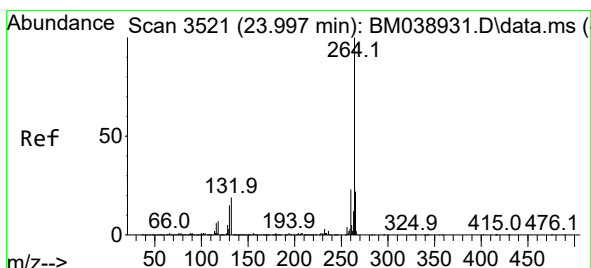
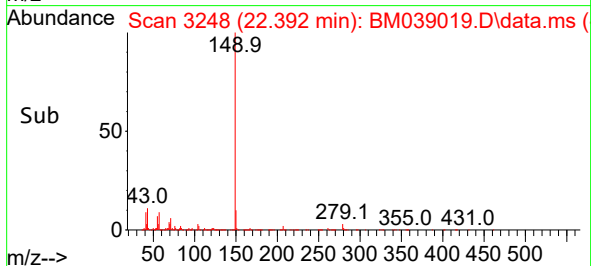
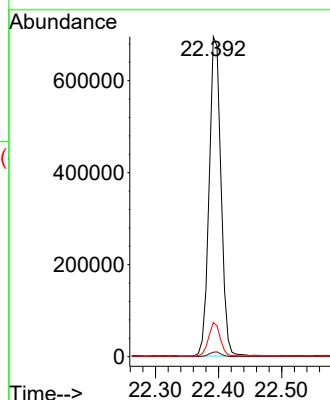
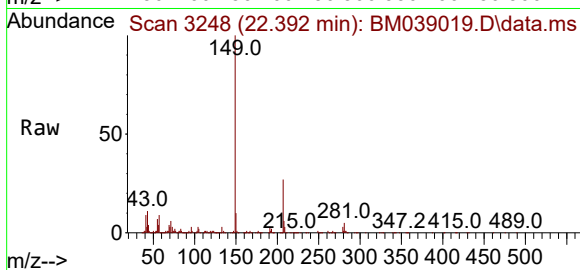
Tgt Ion:149 Resp: 904096

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 10.7 7.4 11.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.980 min Scan# 3518

Delta R.T. 0.000 min

Lab File: BM039019.D

Acq: 16 Mar 2023 16:57

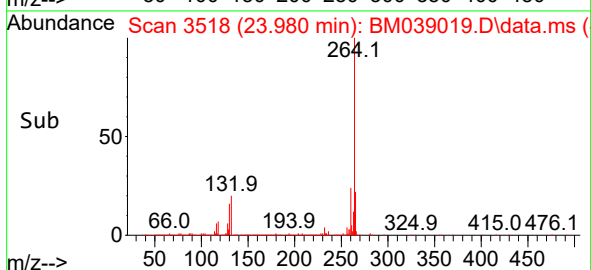
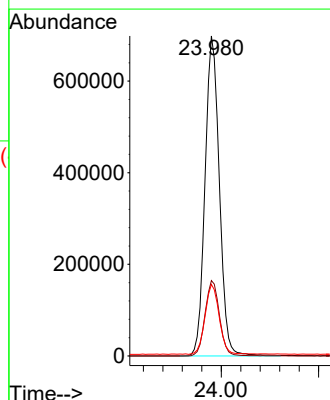
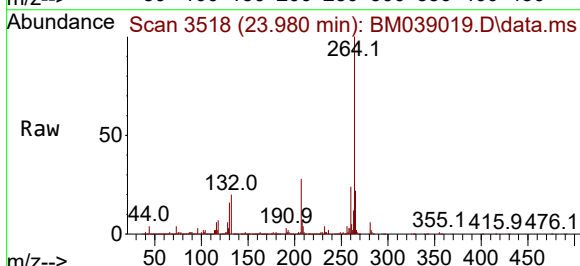
Tgt Ion:264 Resp: 1423351

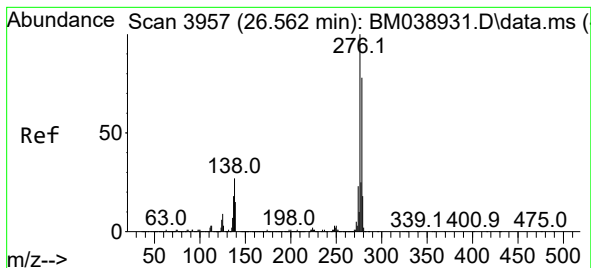
Ion Ratio Lower Upper

264 100

260 23.5 18.7 28.1

265 22.4 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 8.448 ng

RT: 26.515 min Scan# 3392

Delta R.T. -0.006 min

Lab File: BM039019.D

Acq: 16 Mar 2023 16:57

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2023

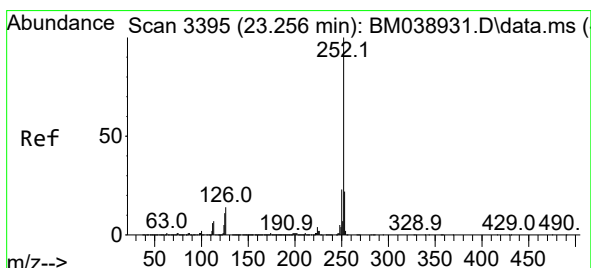
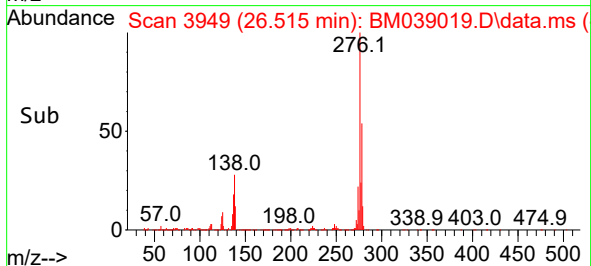
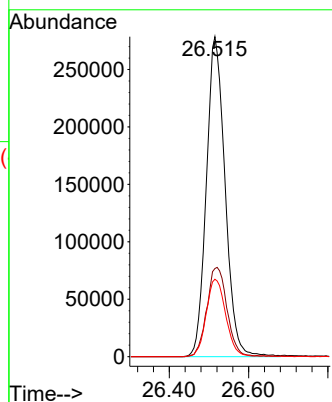
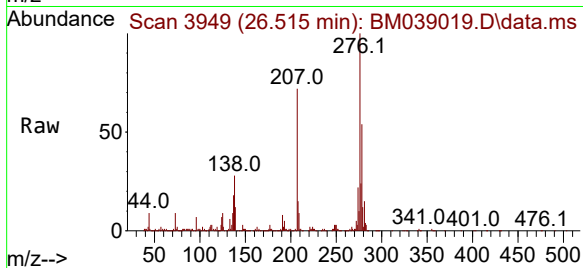
Tgt Ion:276 Resp: 914930

Ion Ratio Lower Upper

276 100

138 30.1 22.1 33.1

277 25.4 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 10.000 ng

RT: 23.239 min Scan# 3392

Delta R.T. 0.000 min

Lab File: BM039019.D

Acq: 16 Mar 2023 16:57

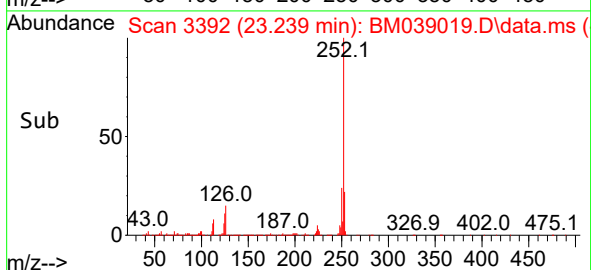
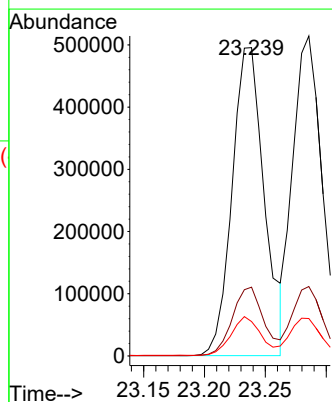
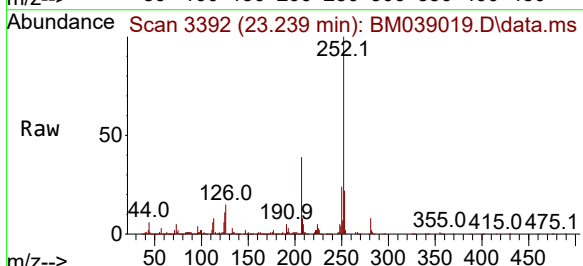
Tgt Ion:252 Resp: 909313

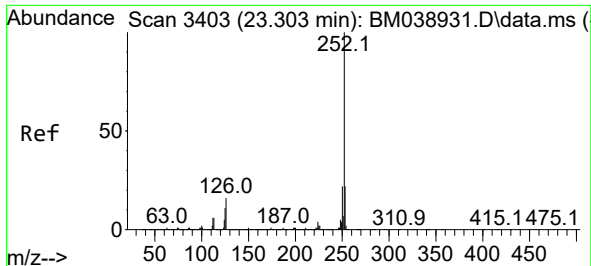
Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

125 11.1 8.8 13.2

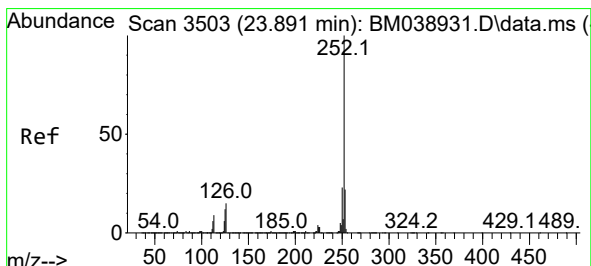
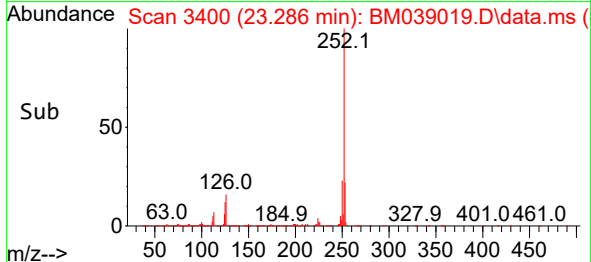
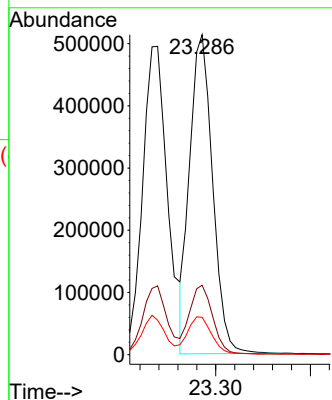
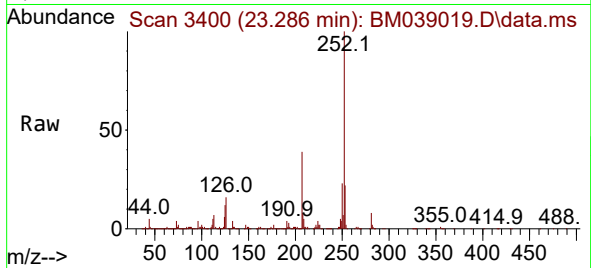




#89
Benzo(k)fluoranthene
Concen: 9.121 ng
RT: 23.286 min Scan# 34
Delta R.T. 0.000 min
Lab File: BM039019.D
Acq: 16 Mar 2023 16:57

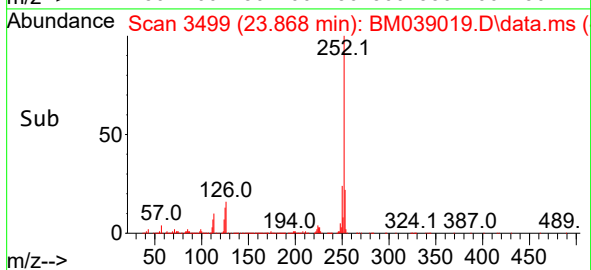
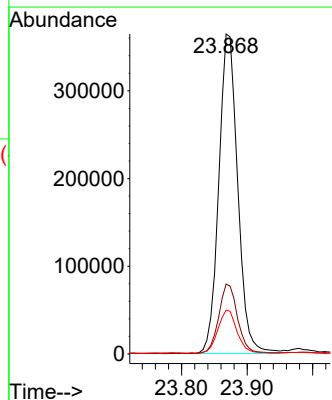
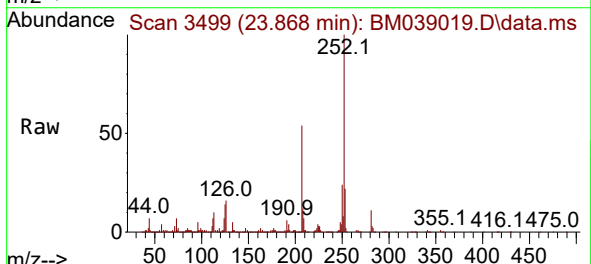
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2023

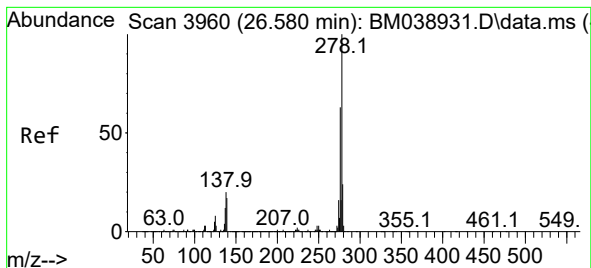
Tgt Ion:252 Resp: 863198
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 11.7 8.9 13.3



#90
Benzo(a)pyrene
Concen: 8.328 ng
RT: 23.868 min Scan# 3499
Delta R.T. -0.006 min
Lab File: BM039019.D
Acq: 16 Mar 2023 16:57

Tgt Ion:252 Resp: 728812
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 13.7 9.8 14.8





#91

Dibenzo(a,h)anthracene

Concen: 8.538 ng

RT: 26.538 min Scan# 3960

Delta R.T. 0.000 min

Lab File: BM039019.D

Acq: 16 Mar 2023 16:57

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2023

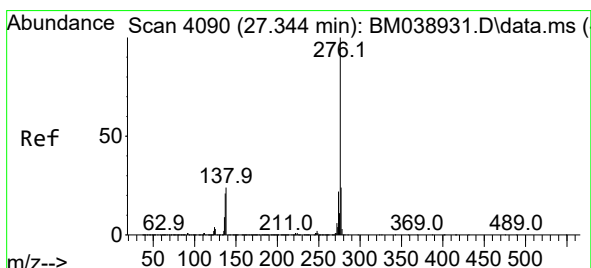
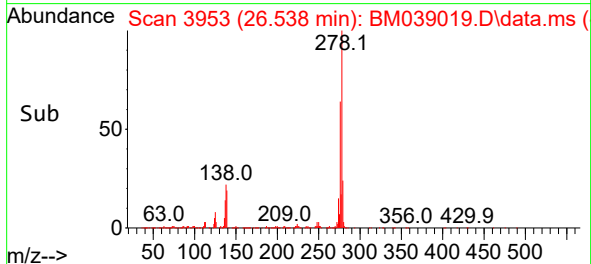
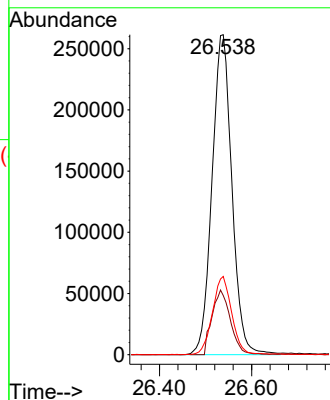
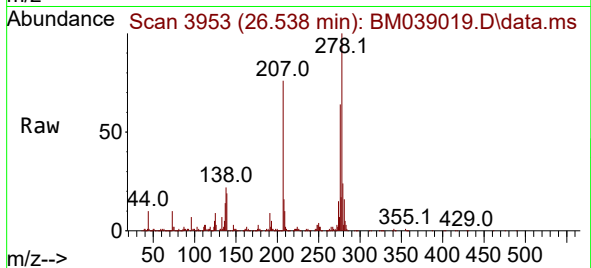
Tgt Ion:278 Resp: 783153

Ion Ratio Lower Upper

278 100

139 18.5 13.7 20.5

279 24.5 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 8.282 ng

RT: 27.297 min Scan# 4082

Delta R.T. -0.006 min

Lab File: BM039019.D

Acq: 16 Mar 2023 16:57

Tgt Ion:276 Resp: 743243

Ion Ratio Lower Upper

276 100

277 23.1 19.3 28.9

138 25.0 19.0 28.6

