

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032023\
 Data File : BM039041.D
 Acq On : 20 Mar 2023 12:52
 Operator : CG/JU
 Sample : 01627-09
 Misc : MDL-MDL-WATER 4ppm
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT1-2023

Quant Time: Mar 21 04:06:17 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 05:25:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	379158	20.000	ng	0.00
21) Naphthalene-d8	10.786	136	1550634	20.000	ng	0.00
39) Acenaphthene-d10	14.610	164	951574	20.000	ng	0.00
64) Phenanthrene-d10	17.356	188	2054422	20.000	ng	0.00
76) Chrysene-d12	21.533	240	1979175	20.000	ng	0.00
86) Perylene-d12	23.968	264	2081936	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	2778668	111.342	ng	0.00
7) Phenol-d6	7.134	99	3655659	112.774	ng	0.00
23) Nitrobenzene-d5	9.139	82	2632116	83.380	ng	0.00
42) 2,4,6-Tribromophenol	16.098	330	1313166	119.290	ng	0.00
45) 2-Fluorobiphenyl	13.239	172	5599907	76.609	ng	0.00
79) Terphenyl-d14	19.980	244	8616686	79.600	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.393	88	42099	3.792	ng	98
3) Pyridine	3.810	79	89048	2.892	ng	97
4) n-Nitrosodimethylamine	3.710	42	46482	3.710	ng	# 89
6) Aniline	7.298	93	158278	3.719	ng	99
8) 2-Chlorophenol	7.534	128	101647	3.826	ng	98
9) Benzaldehyde	7.110	77	102141	6.622	ng	99
10) Phenol	7.157	94	131265	3.813	ng	97
11) bis(2-Chloroethyl)ether	7.392	93	107718	3.849	ng	96
12) 1,3-Dichlorobenzene	7.863	146	111939	3.964	ng	99
13) 1,4-Dichlorobenzene	8.010	146	113738	3.961	ng	100
14) 1,2-Dichlorobenzene	8.328	146	110657	4.000	ng	99
15) Benzyl Alcohol	8.210	79	86299	3.714	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.504	45	152319	4.309	ng	100
17) 2-Methylphenol	8.416	107	81088	3.429	ng	98
18) Hexachloroethane	9.057	117	42380	4.000	ng	99
19) n-Nitroso-di-n-propyla...	8.781	70	84186	4.123	ng	95
20) 3+4-Methylphenols	8.739	107	104836	3.320	ng	99
22) Acetophenone	8.798	105	168395	3.871	ng	# 97
24) Nitrobenzene	9.181	77	134185	4.044	ng	99
25) Isophorone	9.710	82	223584	3.849	ng	98
26) 2-Nitrophenol	9.898	139	43242	5.758	ng	96
27) 2,4-Dimethylphenol	9.951	122	86637	3.423	ng	98
28) bis(2-Chloroethoxy)met...	10.192	93	145242	3.891	ng	99
29) 2,4-Dichlorophenol	10.428	162	77874	3.245	ng	97
30) 1,2,4-Trichlorobenzene	10.645	180	95865	3.656	ng	97
31) Naphthalene	10.833	128	324333	3.668	ng	99
32) Benzoic acid	10.010	122	28786	7.098	ng	98
33) 4-Chloroaniline	10.945	127	129249	3.430	ng	97
34) Hexachlorobutadiene	11.122	225	52914	3.519	ng	94
35) Caprolactam	11.710	113	24403	3.341	ng	91
36) 4-Chloro-3-methylphenol	12.063	107	86599	3.389	ng	99
37) 2-Methylnaphthalene	12.439	142	215929	3.644	ng	100
38) 1-Methylnaphthalene	12.663	142	202420	3.645	ng	100
40) 1,2,4,5-Tetrachloroben...	12.810	216	103633	3.350	ng	99
41) Hexachlorocyclopentadiene	12.786	237	56163	3.307	ng	98
43) 2,4,6-Trichlorophenol	13.045	196	58412	2.916	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032023\
 Data File : BM039041.D
 Acq On : 20 Mar 2023 12:52
 Operator : CG/JU
 Sample : 01627-09
 Misc : MDL-MDL-WATER 4ppm
 ALS Vial : 6 Sample Multiplier: 1

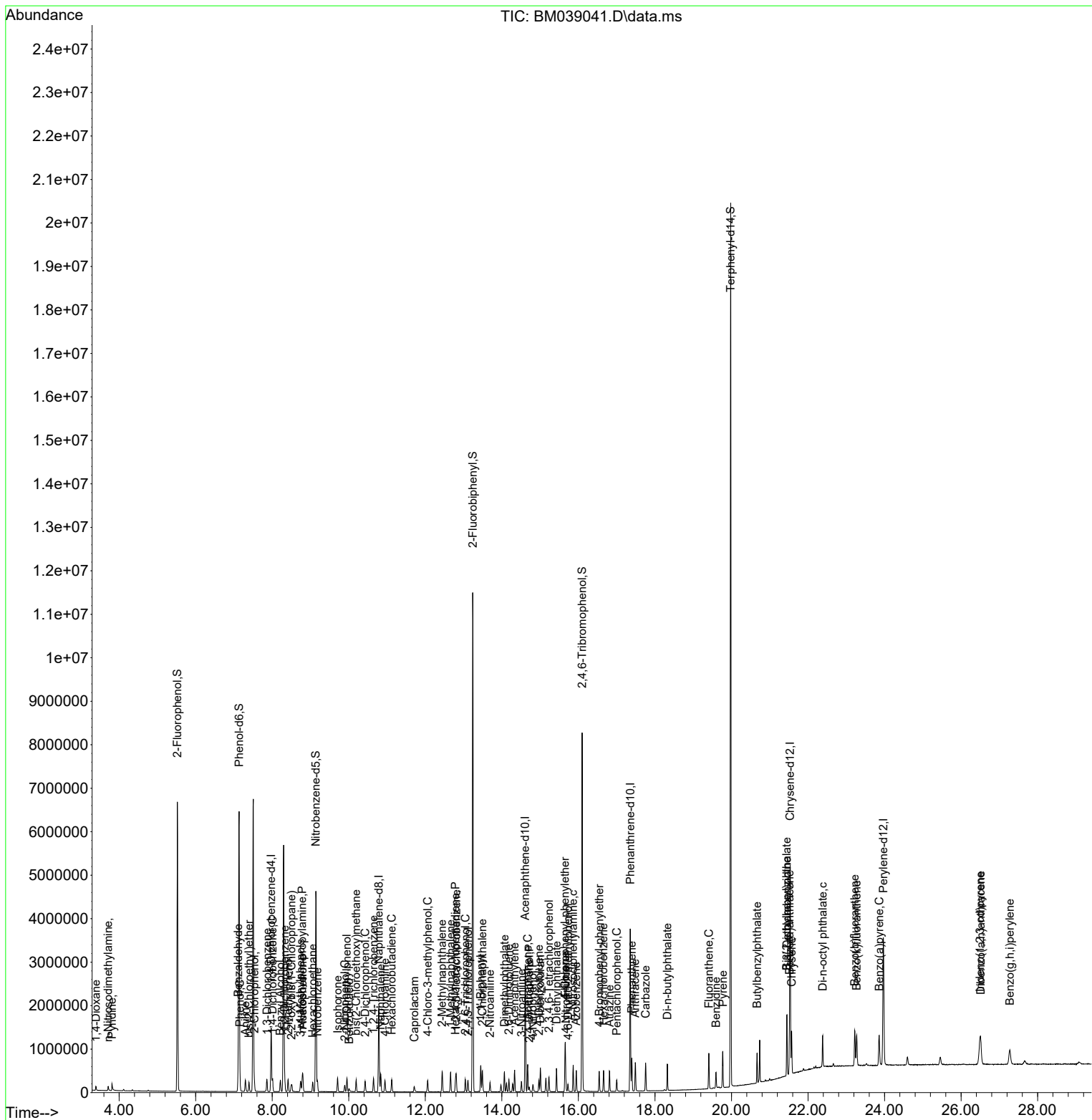
Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT1-2023

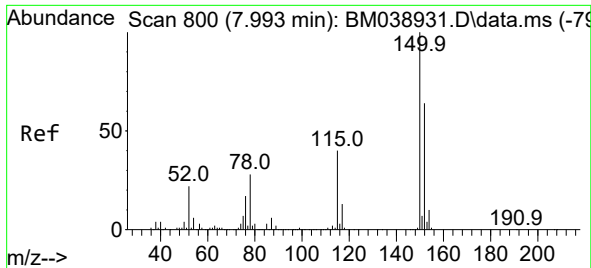
Quant Time: Mar 21 04:06:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 17 05:25:34 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.116	196	64919	2.769	ng	98
46) 1,1'-Biphenyl	13.451	154	305076	3.784	ng	99
47) 2-Chloronaphthalene	13.492	162	219493	3.611	ng	99
48) 2-Nitroaniline	13.692	65	55947	4.957	ng	91
49) Acenaphthylene	14.333	152	323205	3.338	ng	99
50) Dimethylphthalate	14.068	163	275931	3.768	ng	100
51) 2,6-Dinitrotoluene	14.186	165	47836	4.384	ng	90
52) Acenaphthene	14.674	154	209612	3.522	ng	98
53) 3-Nitroaniline	14.515	138	52809	4.287	ng	# 99
54) 2,4-Dinitrophenol	14.715	184	18569	7.056	ng	96
55) Dibenzofuran	15.010	168	340944	3.661	ng	99
56) 4-Nitrophenol	14.810	139	41801	2.874	ng	97
57) 2,4-Dinitrotoluene	14.968	165	58641	4.704	ng	88
58) Fluorene	15.657	166	264986	3.633	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.233	232	61143	3.381	ng	97
60) Diethylphthalate	15.427	149	270419	3.796	ng	99
61) 4-Chlorophenyl-phenyle...	15.651	204	129699	3.619	ng	95
62) 4-Nitroaniline	15.674	138	50208	4.259	ng	94
63) Azobenzene	15.945	77	265870	3.527	ng	98
65) 4,6-Dinitro-2-methylph...	15.727	198	26255	6.827	ng	80
66) n-Nitrosodiphenylamine	15.862	169	220962	3.190	ng	99
67) 4-Bromophenyl-phenylether	16.545	248	72263	3.257	ng	90
68) Hexachlorobenzene	16.657	284	86844	3.501	ng	94
69) Atrazine	16.815	200	70765	3.741	ng	99
70) Pentachlorophenol	17.004	266	42646	2.337	ng	96
71) Phenanthrene	17.398	178	427100	3.542	ng	99
72) Anthracene	17.486	178	395431	3.289	ng	99
73) Carbazole	17.756	167	375028	3.417	ng	98
74) Di-n-butylphthalate	18.327	149	422697	4.838	ng	99
75) Fluoranthene	19.409	202	447577	3.516	ng	99
77) Benzidine	19.598	184	206245	8.984	ng	99
78) Pyrene	19.774	202	483905	3.255	ng	99
80) Butylbenzylphthalate	20.668	149	182259	6.000	ng	94
81) Benzo(a)anthracene	21.515	228	496828	3.486	ng	99
82) 3,3'-Dichlorobenzidine	21.450	252	165976	3.789	ng	99
83) Chrysene	21.574	228	485237	3.500	ng	99
84) Bis(2-ethylhexyl)phtha...	21.444	149	289546	5.489	ng	98
85) Di-n-octyl phthalate	22.386	149	458163	6.579	ng	97
87) Indeno(1,2,3-cd)pyrene	26.497	276	516810	3.262	ng	97
88) Benzo(b)fluoranthene	23.221	252	495809	3.728	ng	99
89) Benzo(k)fluoranthene	23.274	252	465298	3.361	ng	98
90) Benzo(a)pyrene	23.862	252	398944	3.117	ng	99
91) Dibenzo(a,h)anthracene	26.515	278	436979	3.257	ng	99
92) Benzo(g,h,i)perylene	27.273	276	410525	3.128	ng	97

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

Quant Time: Mar 21 04:06:17 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 05:25:34 2023
Response via : Initial Calibration

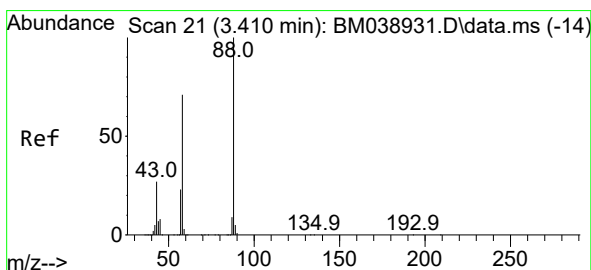
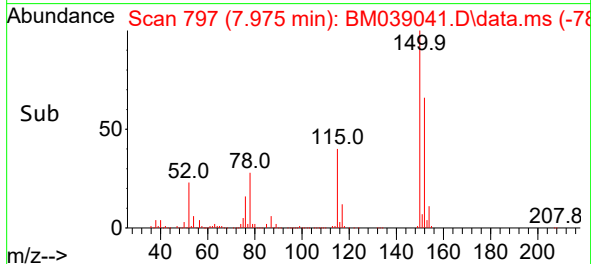
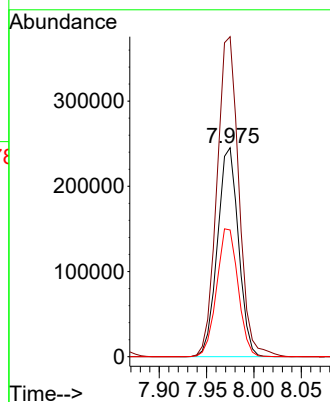
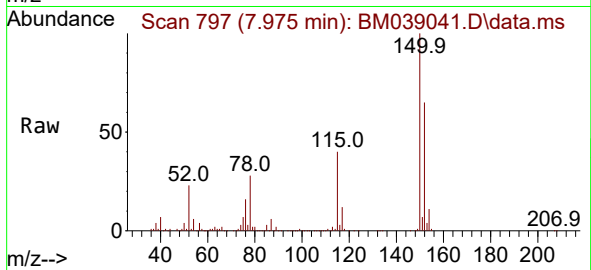




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.975 min Scan# 79
Delta R.T. -0.000 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

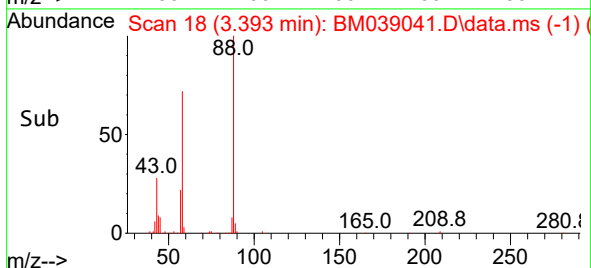
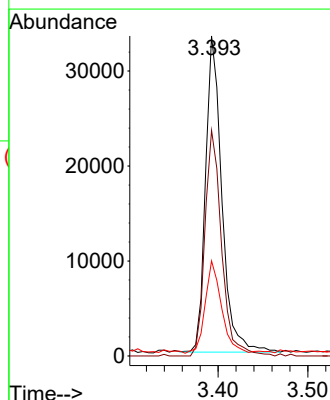
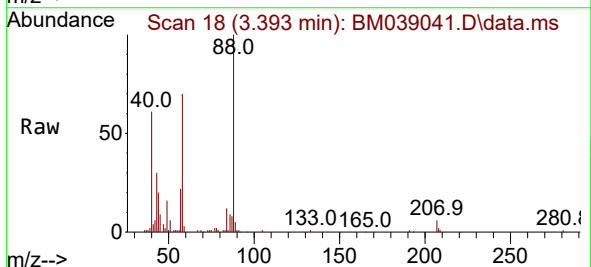
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2023

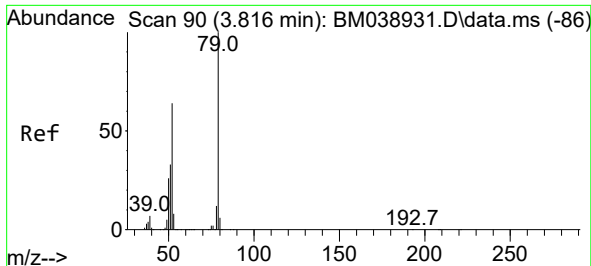
Tgt Ion:152 Resp: 379158
Ion Ratio Lower Upper
152 100
150 153.1 125.1 187.7
115 60.7 49.6 74.4



#2
1,4-Dioxane
Concen: 3.792 ng
RT: 3.393 min Scan# 18
Delta R.T. -0.000 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

Tgt Ion: 88 Resp: 42099
Ion Ratio Lower Upper
88 100
58 72.6 57.2 85.8
43 29.2 22.0 33.0

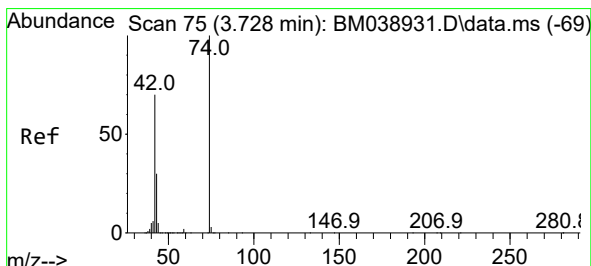
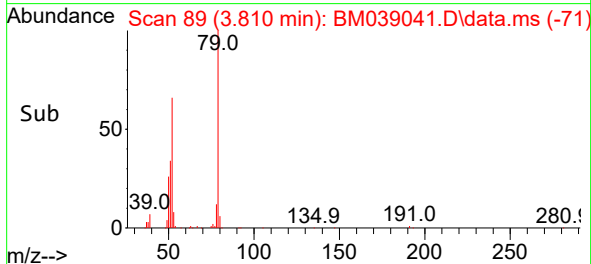
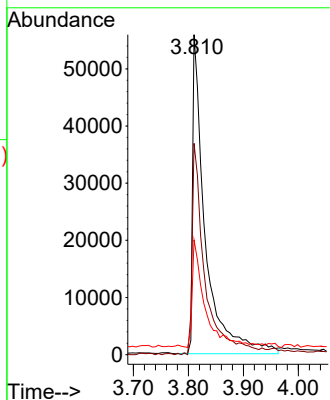
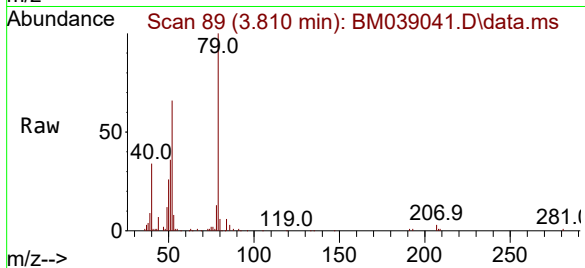




#3
 Pyridine
 Concen: 2.892 ng
 RT: 3.810 min Scan# 89
 Delta R.T. 0.006 min
 Lab File: BM039041.D
 Acq: 20 Mar 2023 12:52

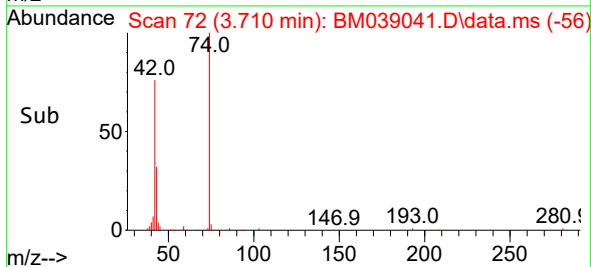
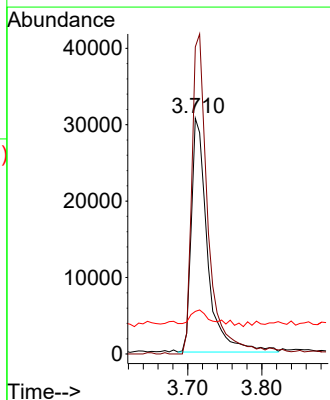
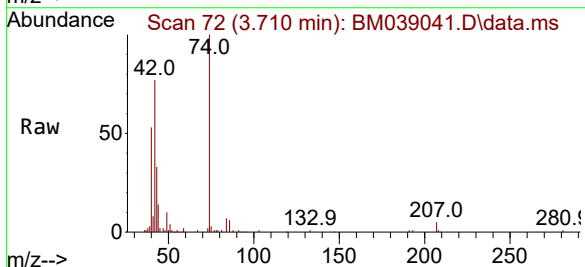
Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT1-2023

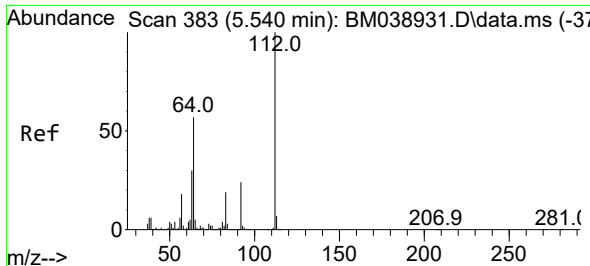
Tgt Ion: 79 Resp: 89048
 Ion Ratio Lower Upper
 79 100
 52 66.0 51.4 77.2
 51 35.8 26.6 40.0



#4
 n-Nitrosodimethylamine
 Concen: 3.710 ng
 RT: 3.710 min Scan# 72
 Delta R.T. -0.006 min
 Lab File: BM039041.D
 Acq: 20 Mar 2023 12:52

Tgt Ion: 42 Resp: 46482
 Ion Ratio Lower Upper
 42 100
 74 130.3 113.8 170.8
 44 18.0 6.2 9.2

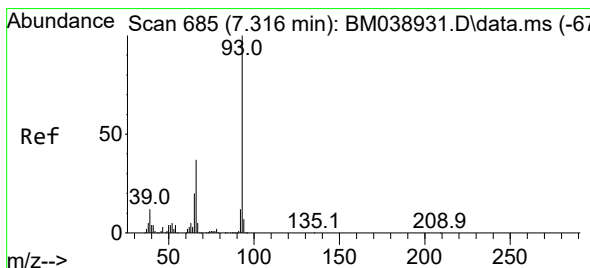
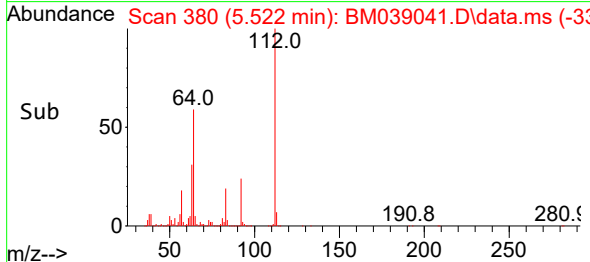
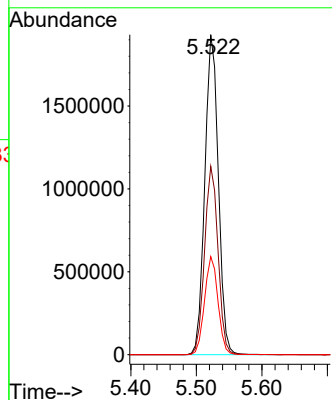
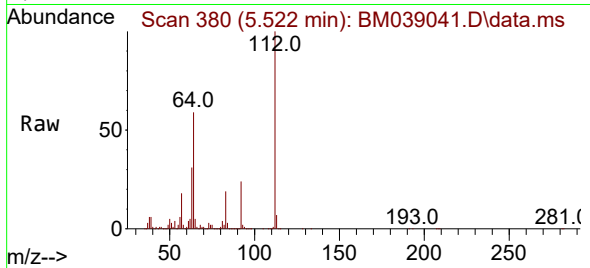




#5
2-Fluorophenol
Concen: 111.342 ng
RT: 5.522 min Scan# 380
Delta R.T. -0.006 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

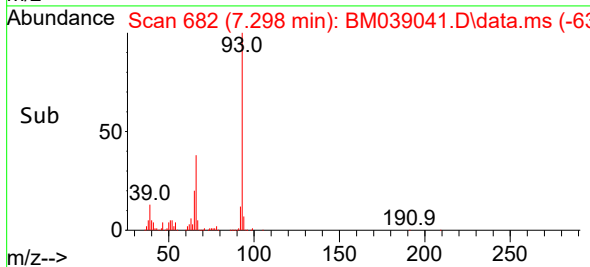
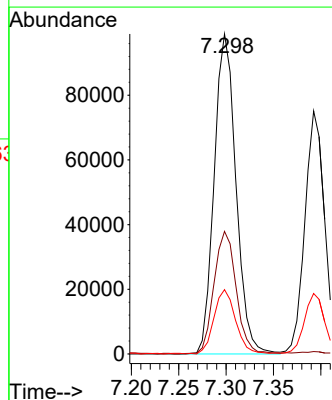
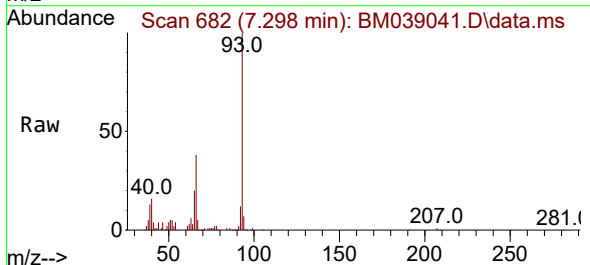
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2023

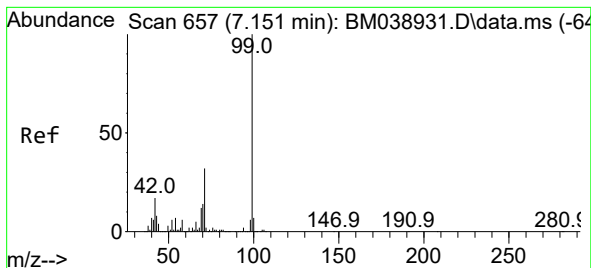
Tgt Ion:112 Resp: 2778668
Ion Ratio Lower Upper
112 100
64 58.9 45.9 68.9
63 30.7 23.8 35.8



#6
Aniline
Concen: 3.719 ng
RT: 7.298 min Scan# 682
Delta R.T. -0.000 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

Tgt Ion: 93 Resp: 158278
Ion Ratio Lower Upper
93 100
66 38.3 30.0 45.0
65 20.1 15.8 23.6





#7

Phenol-d6

Concen: 112.774 ng

RT: 7.134 min Scan# 61

Delta R.T. -0.000 min

Lab File: BM039041.D

Acq: 20 Mar 2023 12:52

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT1-2023

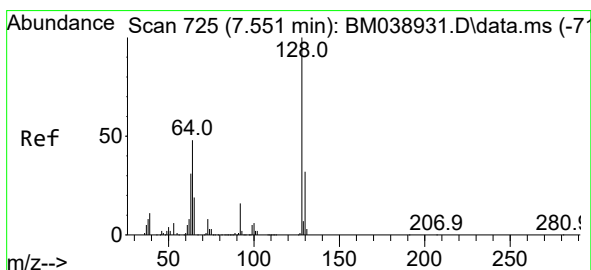
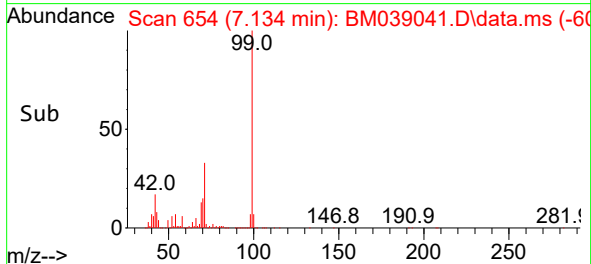
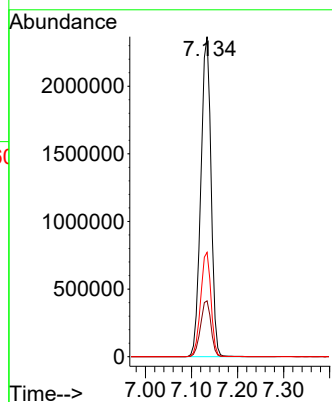
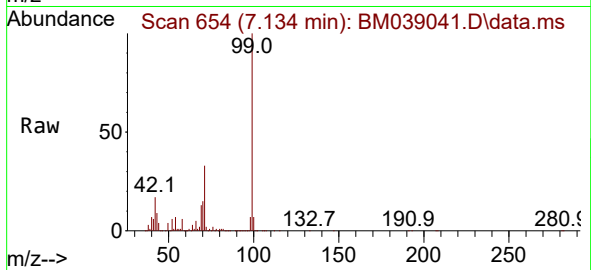
Tgt Ion: 99 Resp: 3655659

Ion Ratio Lower Upper

99 100

42 17.4 13.5 20.3

71 32.6 25.6 38.4



#8

2-Chlorophenol

Concen: 3.826 ng

RT: 7.534 min Scan# 722

Delta R.T. -0.006 min

Lab File: BM039041.D

Acq: 20 Mar 2023 12:52

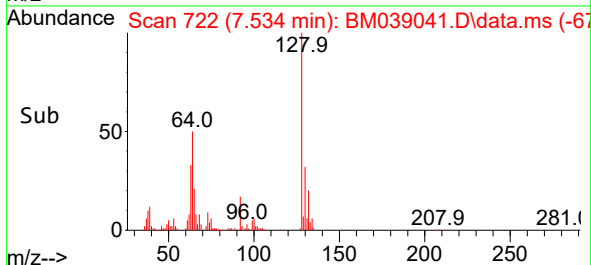
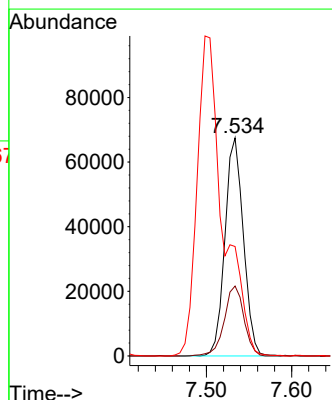
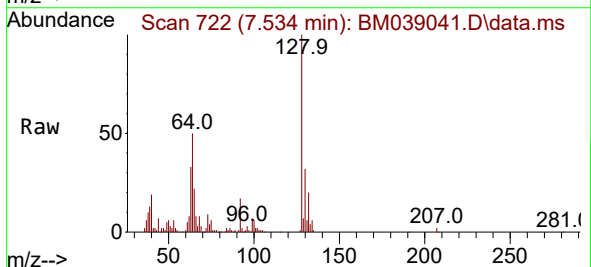
Tgt Ion: 128 Resp: 101647

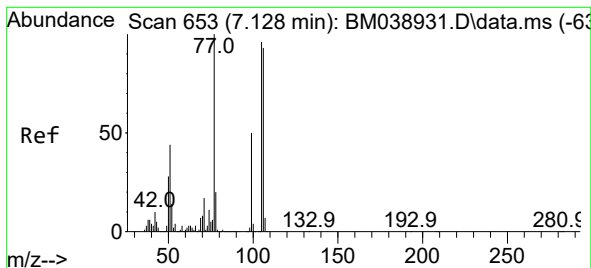
Ion Ratio Lower Upper

128 100

130 32.1 11.9 51.9

64 50.2 28.6 68.6





#9

Benzaldehyde

Concen: 6.622 ng

RT: 7.110 min Scan# 6

Delta R.T. -0.000 min

Lab File: BM039041.D

Acq: 20 Mar 2023 12:52

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT1-2023

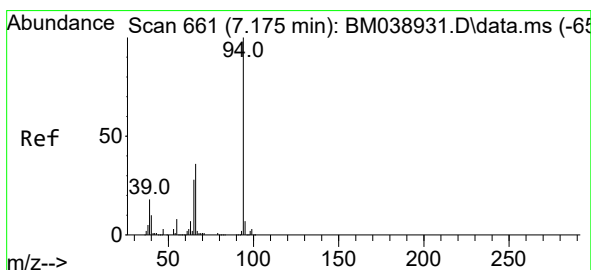
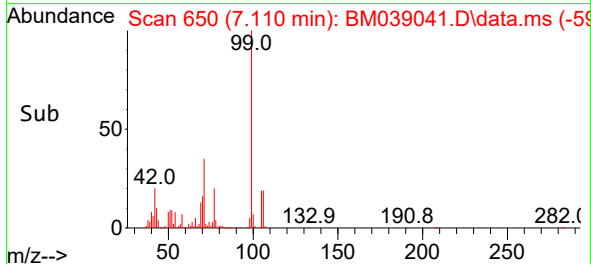
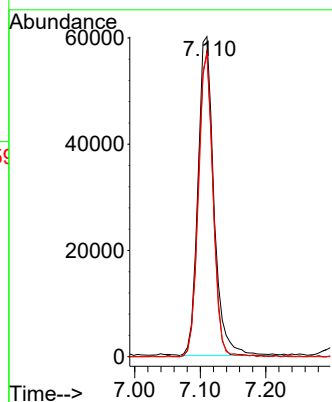
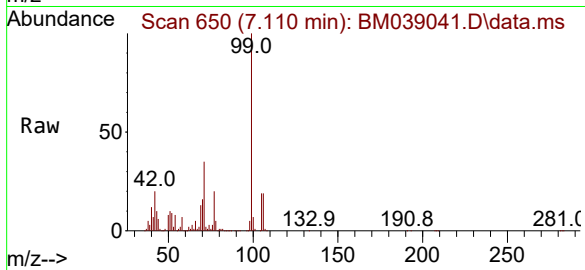
Tgt Ion: 77 Resp: 102141

Ion Ratio Lower Upper

77 100

105 95.4 75.8 115.8

106 94.6 72.6 112.6



#10

Phenol

Concen: 3.813 ng

RT: 7.157 min Scan# 658

Delta R.T. -0.006 min

Lab File: BM039041.D

Acq: 20 Mar 2023 12:52

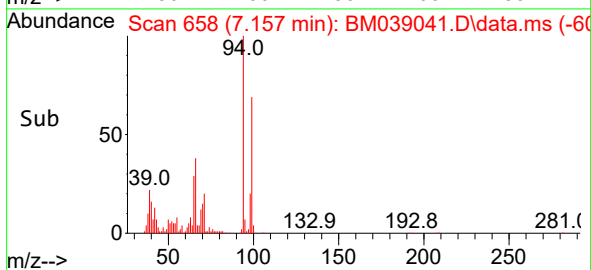
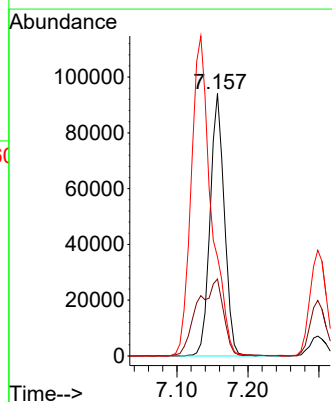
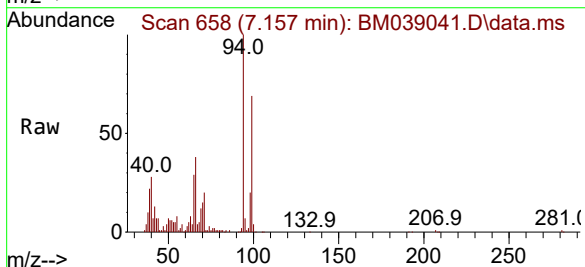
Tgt Ion: 94 Resp: 131265

Ion Ratio Lower Upper

94 100

65 29.4 7.9 47.9

66 37.8 15.8 55.8

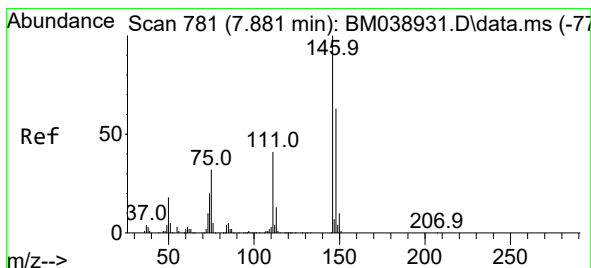
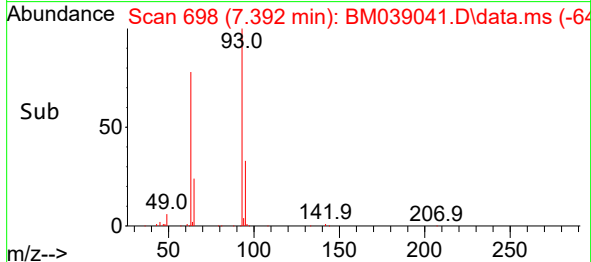
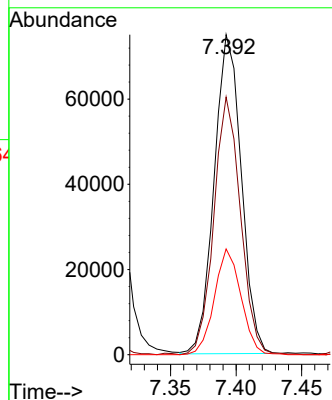
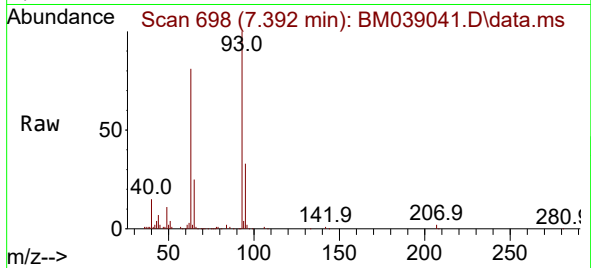




#11
bis(2-Chloroethyl)ether
Concen: 3.849 ng
RT: 7.392 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

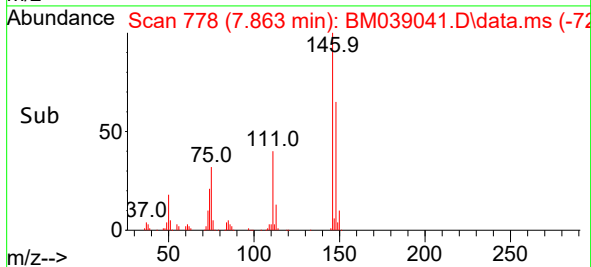
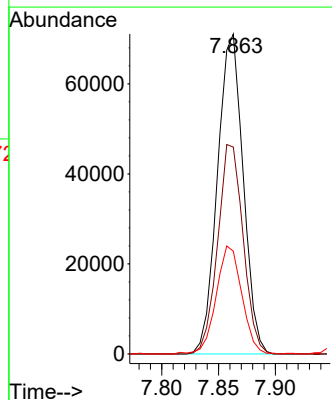
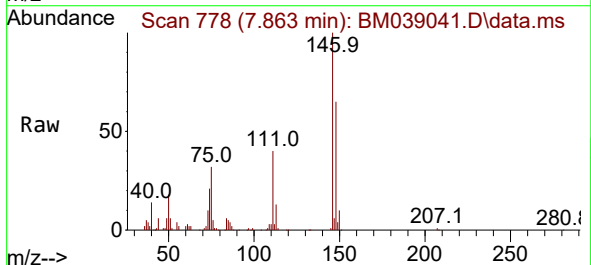
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2023

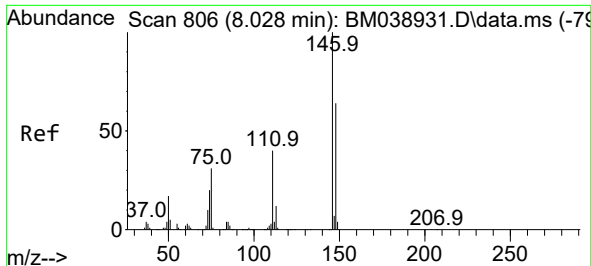
Tgt Ion: 93 Resp: 107718
Ion Ratio Lower Upper
93 100
63 80.5 55.8 95.8
95 33.0 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 3.964 ng
RT: 7.863 min Scan# 778
Delta R.T. -0.000 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

Tgt Ion: 146 Resp: 111939
Ion Ratio Lower Upper
146 100
148 64.6 50.6 75.8
75 32.1 26.0 39.0

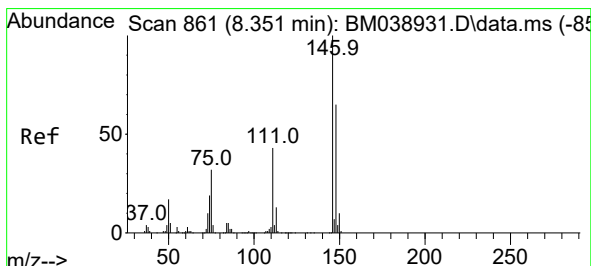
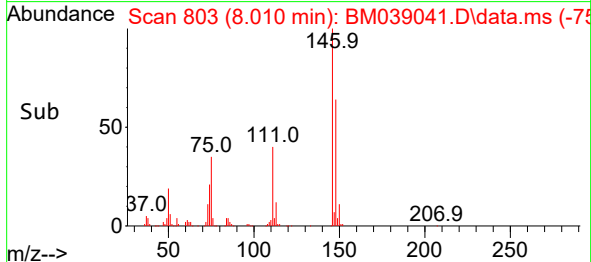
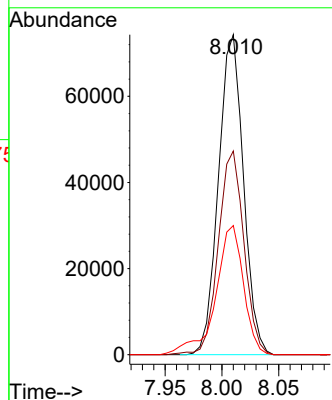
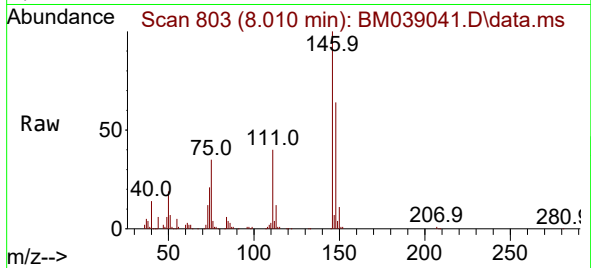




#13
1,4-Dichlorobenzene
Concen: 3.961 ng
RT: 8.010 min Scan# 806
Delta R.T. -0.000 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

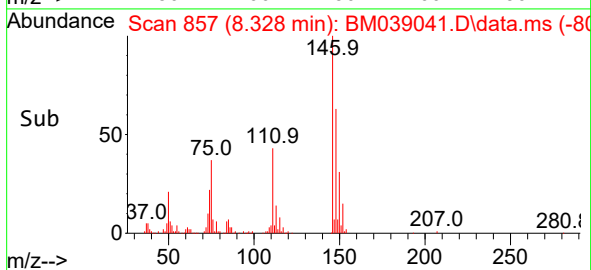
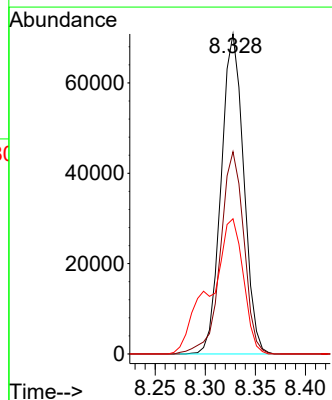
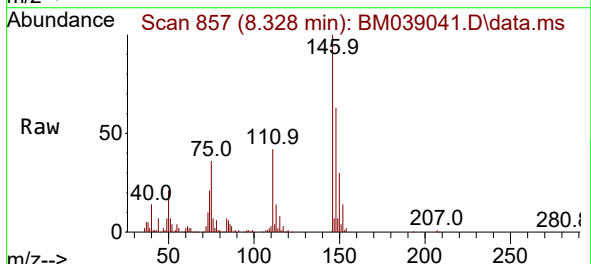
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2023

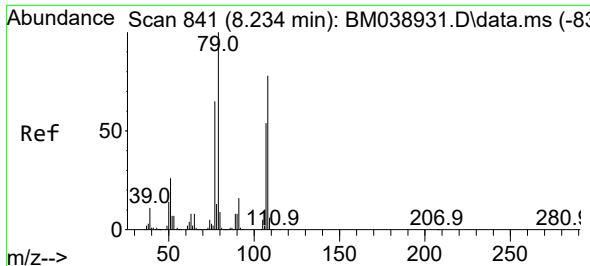
Tgt Ion:146 Resp: 113738
Ion Ratio Lower Upper
146 100
148 63.7 51.0 76.4
111 40.4 32.2 48.4



#14
1,2-Dichlorobenzene
Concen: 4.000 ng
RT: 8.328 min Scan# 857
Delta R.T. -0.006 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

Tgt Ion:146 Resp: 110657
Ion Ratio Lower Upper
146 100
148 63.2 51.7 77.5
111 42.2 34.2 51.4

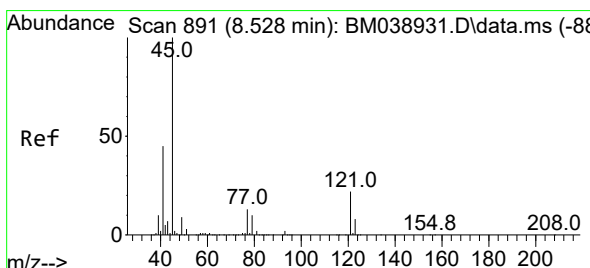
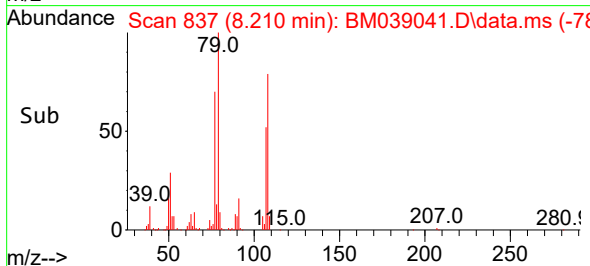
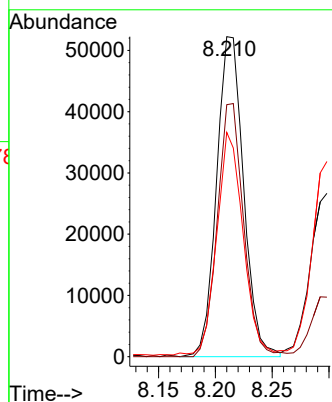
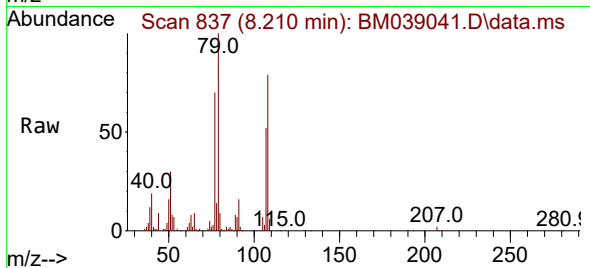




#15
Benzyl Alcohol
Concen: 3.714 ng
RT: 8.210 min Scan# 811
Delta R.T. -0.006 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

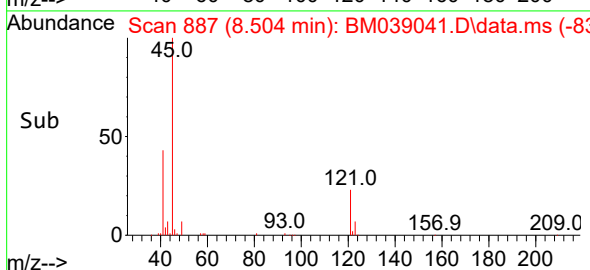
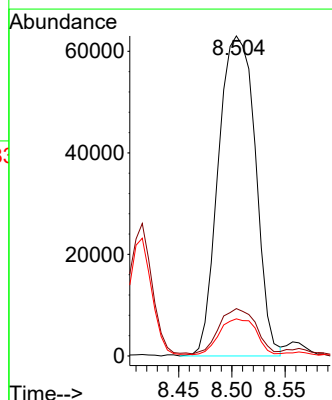
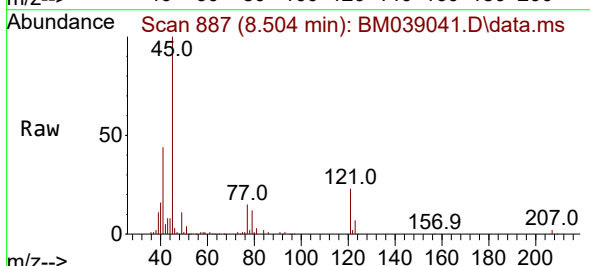
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2023

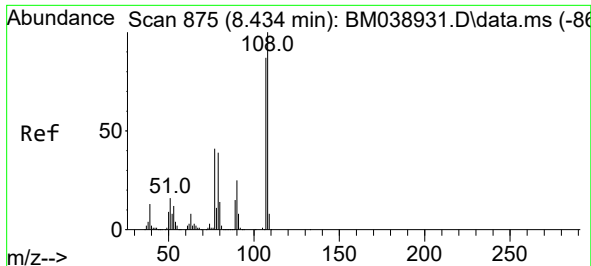
Tgt Ion: 79 Resp: 86299
Ion Ratio Lower Upper
79 100
108 78.8 62.4 93.6
77 70.1 52.2 78.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.309 ng
RT: 8.504 min Scan# 887
Delta R.T. -0.006 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

Tgt Ion: 45 Resp: 152319
Ion Ratio Lower Upper
45 100
77 14.8 0.0 34.8
79 11.6 0.0 31.5

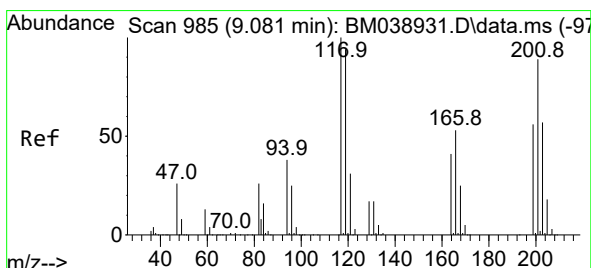
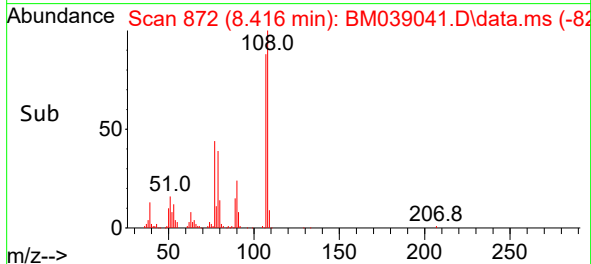
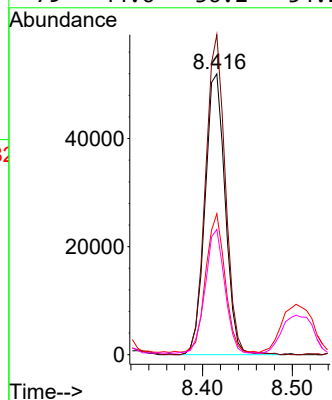
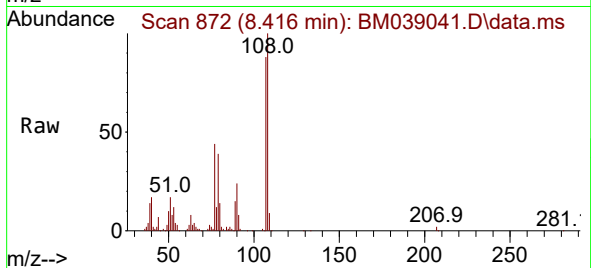




#17
2-Methylphenol
Concen: 3.429 ng
RT: 8.416 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

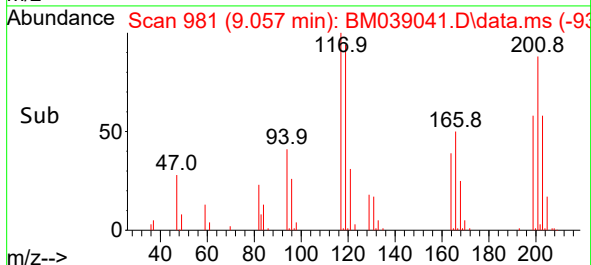
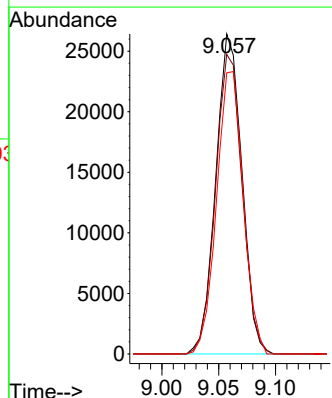
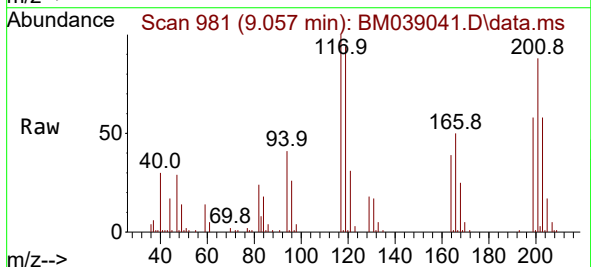
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2023

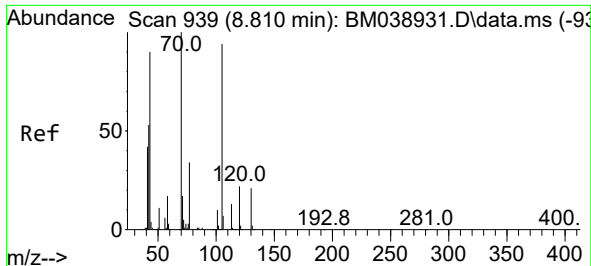
Tgt Ion:	107	Resp:	81088
Ion	Ratio	Lower	Upper
107	100		
108	114.0	91.7	137.5
77	50.2	37.4	56.2
79	44.6	36.2	54.2



#18
Hexachloroethane
Concen: 4.000 ng
RT: 9.057 min Scan# 981
Delta R.T. -0.006 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

Tgt Ion:	117	Resp:	42380
Ion	Ratio	Lower	Upper
117	100		
119	93.6	75.4	113.0
201	87.9	71.3	106.9

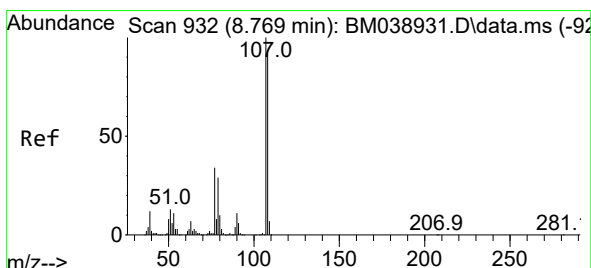
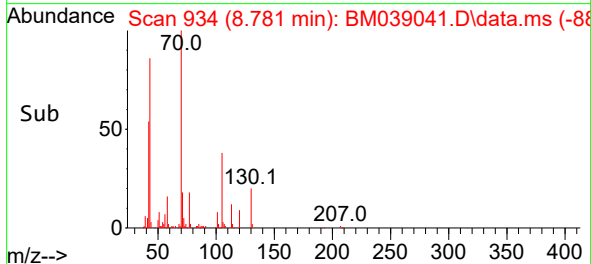
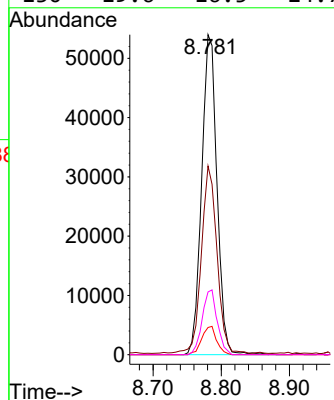
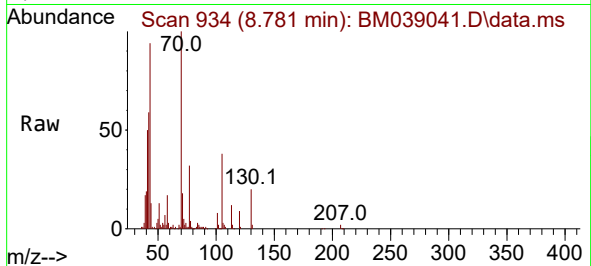




#19
n-Nitroso-di-n-propylamine
Concen: 4.123 ng
RT: 8.781 min Scan# 911
Delta R.T. -0.012 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

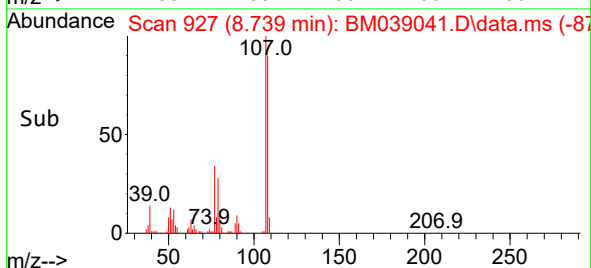
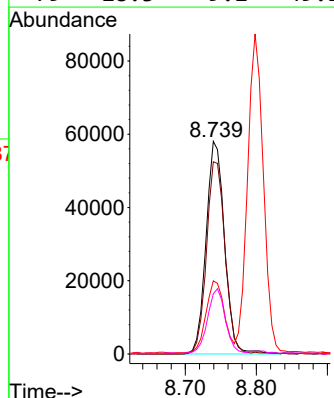
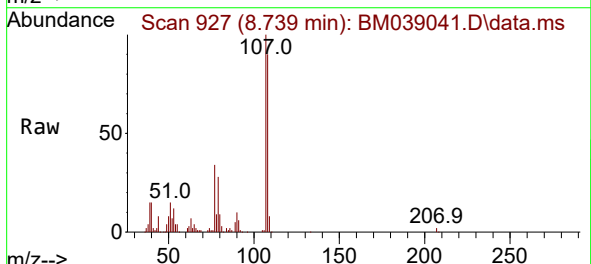
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2023

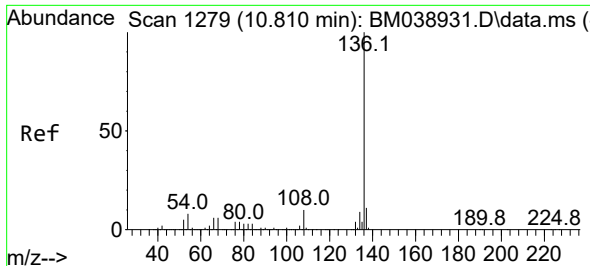
Tgt Ion:	70	Resp:	84186
Ion	Ratio	Lower	Upper
70	100		
42	59.0	43.4	65.2
101	8.5	7.6	11.4
130	19.6	16.5	24.7



#20
3+4-Methylphenols
Concen: 3.320 ng
RT: 8.739 min Scan# 927
Delta R.T. -0.012 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

Tgt Ion:	107	Resp:	104836
Ion	Ratio	Lower	Upper
107	100		
108	90.4	71.8	111.8
77	34.4	13.6	53.6
79	28.3	9.2	49.2

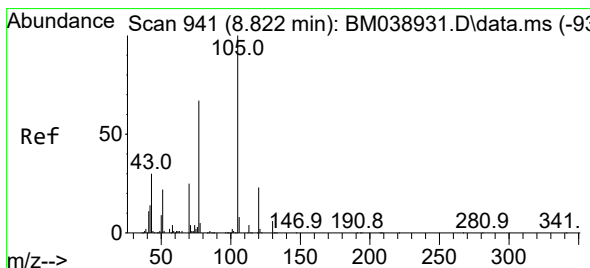
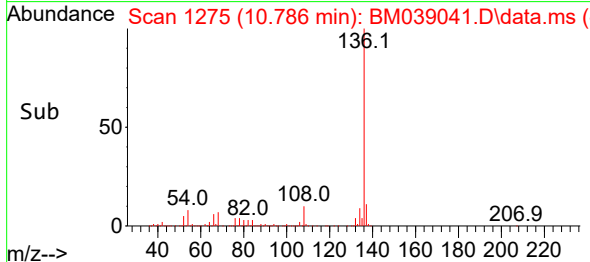
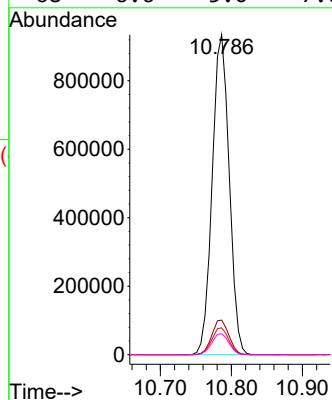
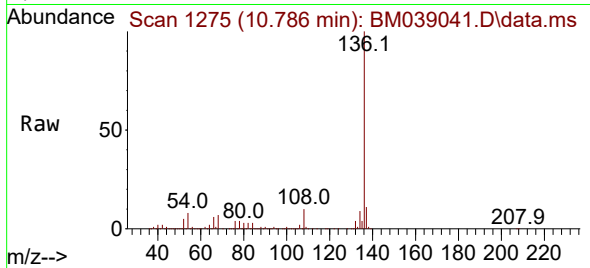




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.786 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

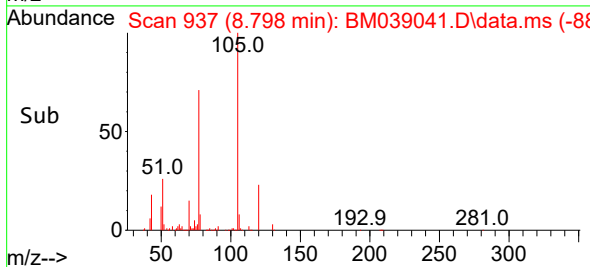
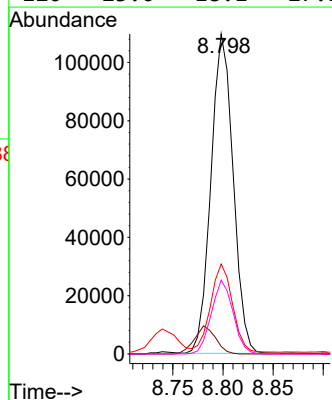
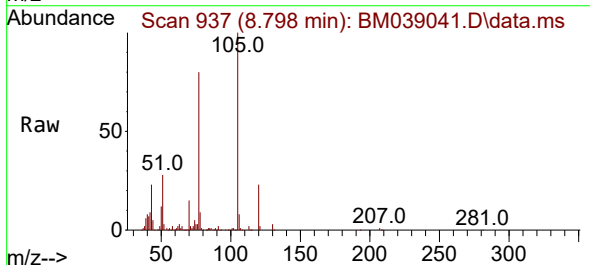
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2023

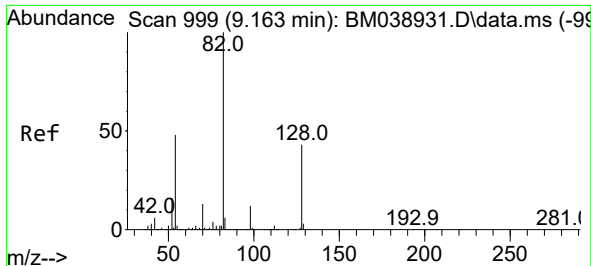
Tgt Ion:136 Resp: 1550634
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 8.4 6.3 9.5
68 6.6 5.0 7.6



#22
Acetophenone
Concen: 3.871 ng
RT: 8.798 min Scan# 937
Delta R.T. -0.006 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

Tgt Ion:105 Resp: 168395
Ion Ratio Lower Upper
105 100
71 2.4 3.4 5.0#
51 28.1 21.0 31.4
120 23.0 18.1 27.1

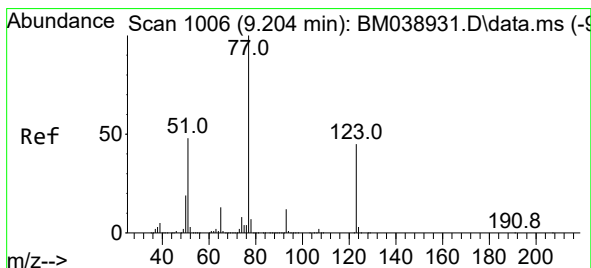
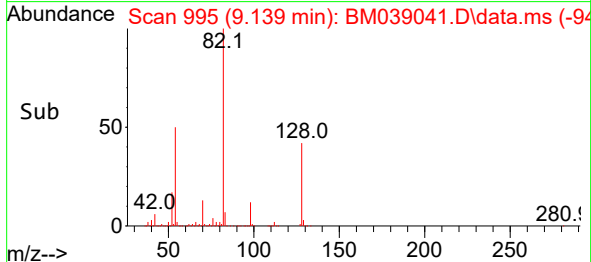
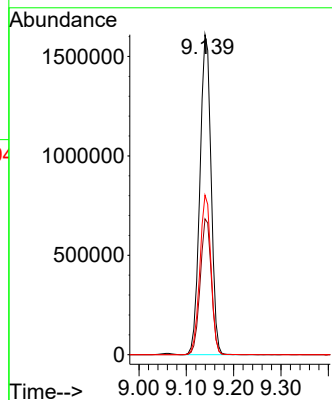
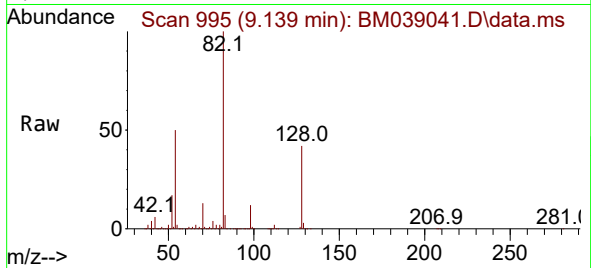




#23
Nitrobenzene-d5
Concen: 83.380 ng
RT: 9.139 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

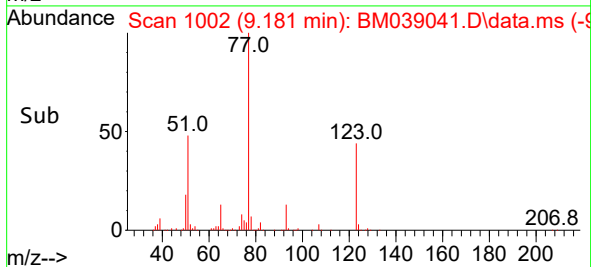
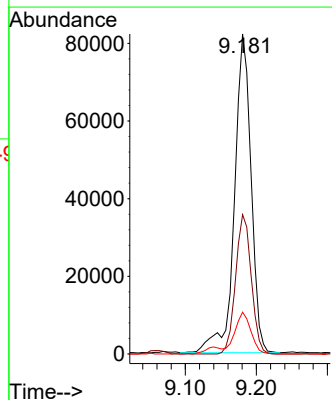
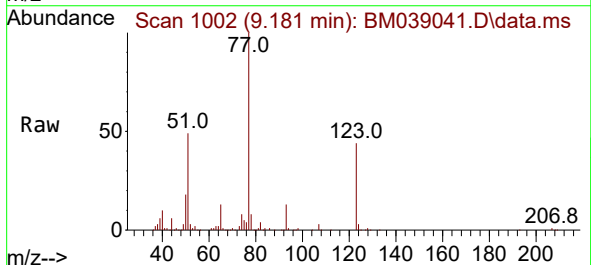
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2023

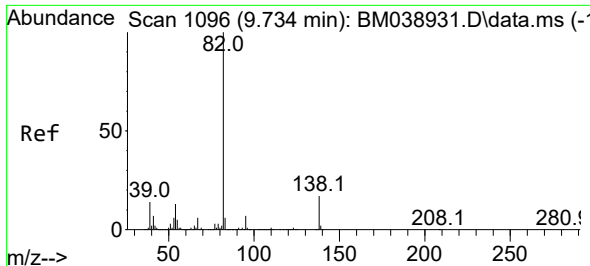
Tgt Ion: 82 Resp: 2632116
Ion Ratio Lower Upper
82 100
128 42.4 34.4 51.6
54 49.8 38.8 58.2



#24
Nitrobenzene
Concen: 4.044 ng
RT: 9.181 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

Tgt Ion: 77 Resp: 134185
Ion Ratio Lower Upper
77 100
123 43.6 35.8 53.6
65 13.1 10.2 15.4





#25

Isophorone

Concen: 3.849 ng

RT: 9.710 min Scan# 1096

Delta R.T. -0.006 min

Lab File: BM039041.D

Acq: 20 Mar 2023 12:52

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT1-2023

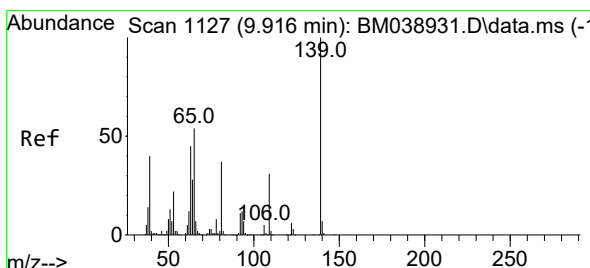
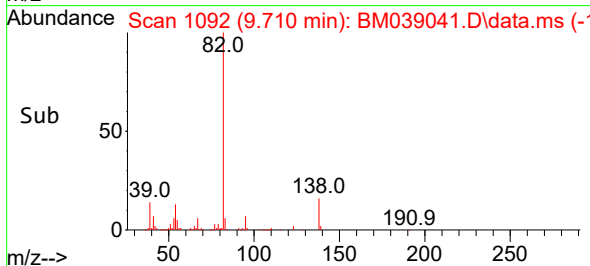
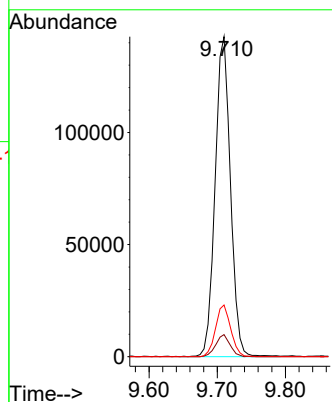
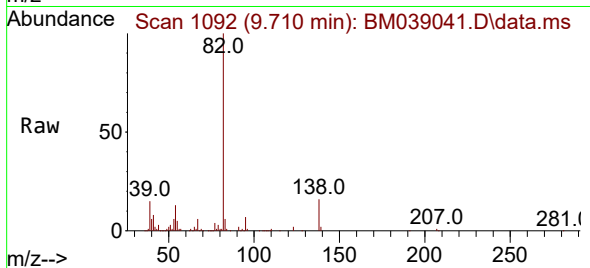
Tgt Ion: 82 Resp: 223584

Ion Ratio Lower Upper

82 100

95 6.9 5.2 7.8

138 16.2 13.6 20.4



#26

2-Nitrophenol

Concen: 5.758 ng

RT: 9.898 min Scan# 1124

Delta R.T. -0.000 min

Lab File: BM039041.D

Acq: 20 Mar 2023 12:52

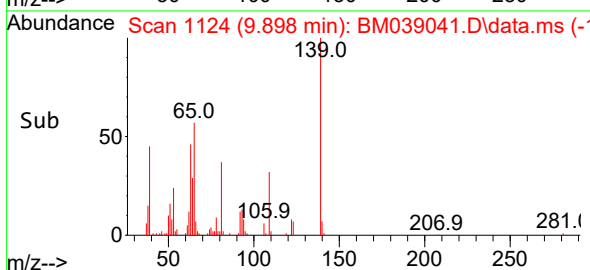
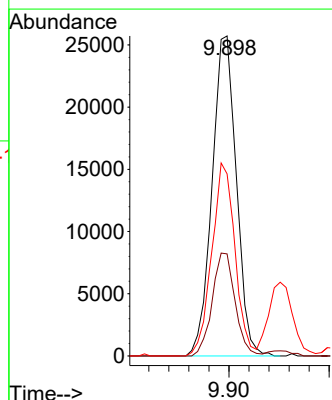
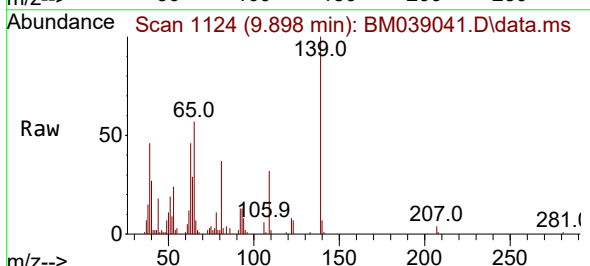
Tgt Ion: 139 Resp: 43242

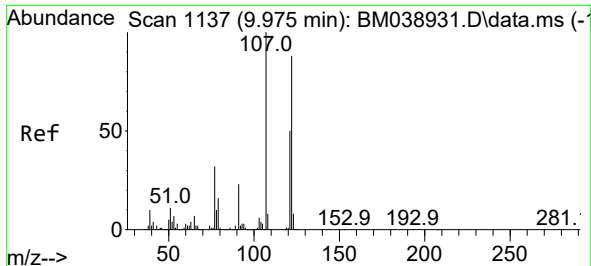
Ion Ratio Lower Upper

139 100

109 31.9 24.5 36.7

65 56.9 43.0 64.6





#27

2,4-Dimethylphenol

Concen: 3.423 ng

RT: 9.951 min Scan# 1133

Delta R.T. -0.006 min

Lab File: BM039041.D

Acq: 20 Mar 2023 12:52

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT1-2023

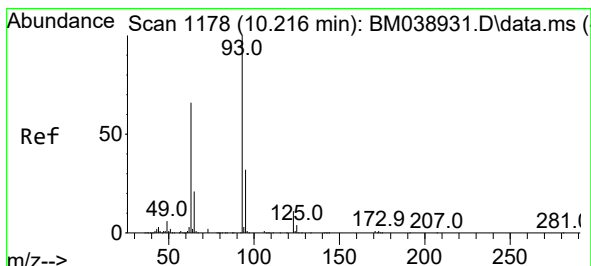
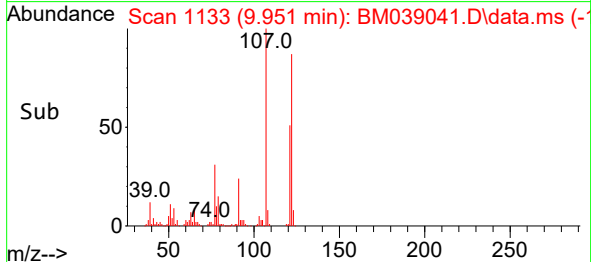
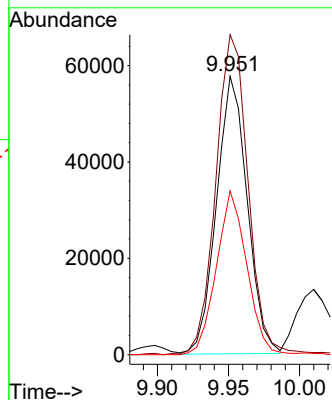
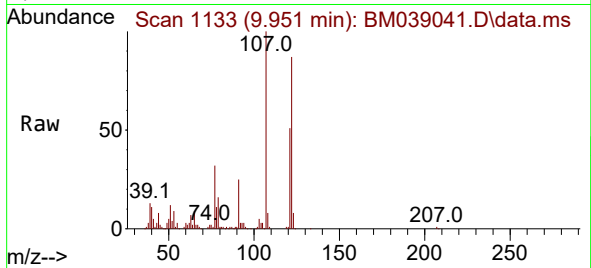
Tgt Ion:122 Resp: 86637

Ion Ratio Lower Upper

122 100

107 114.9 91.0 136.4

121 58.9 45.1 67.7



#28

bis(2-Chloroethoxy)methane

Concen: 3.891 ng

RT: 10.192 min Scan# 1174

Delta R.T. -0.006 min

Lab File: BM039041.D

Acq: 20 Mar 2023 12:52

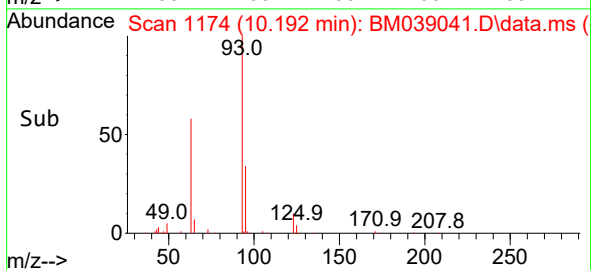
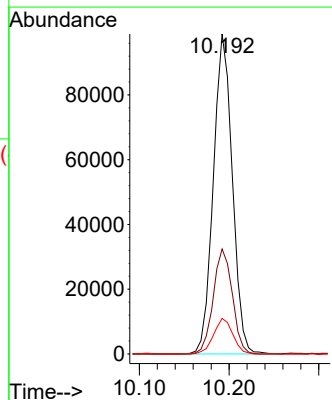
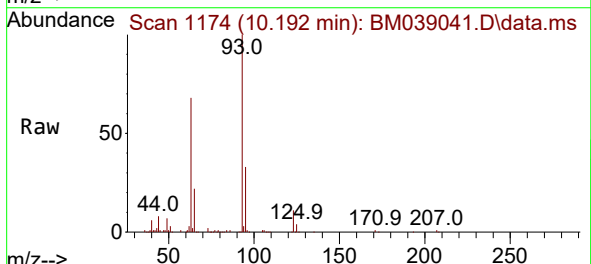
Tgt Ion: 93 Resp: 145242

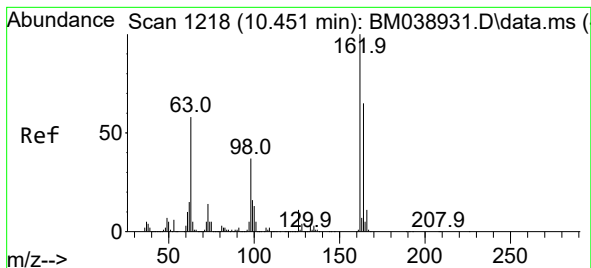
Ion Ratio Lower Upper

93 100

95 32.8 25.9 38.9

123 11.1 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 3.245 ng

RT: 10.428 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM039041.D

Acq: 20 Mar 2023 12:52

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT1-2023

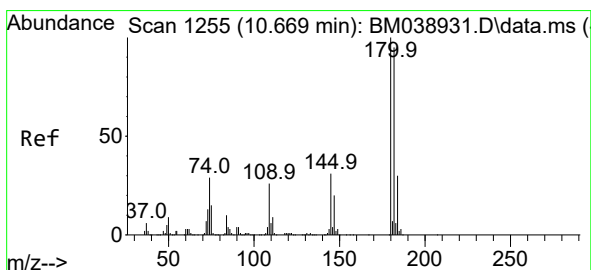
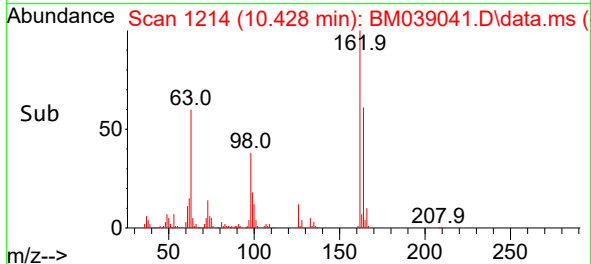
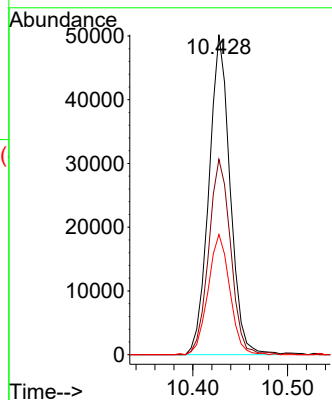
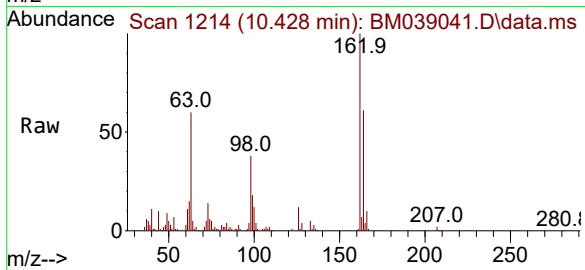
Tgt Ion:162 Resp: 77874

Ion Ratio Lower Upper

162 100

164 61.1 44.6 84.6

98 37.5 17.5 57.5



#30

1,2,4-Trichlorobenzene

Concen: 3.656 ng

RT: 10.645 min Scan# 1251

Delta R.T. -0.006 min

Lab File: BM039041.D

Acq: 20 Mar 2023 12:52

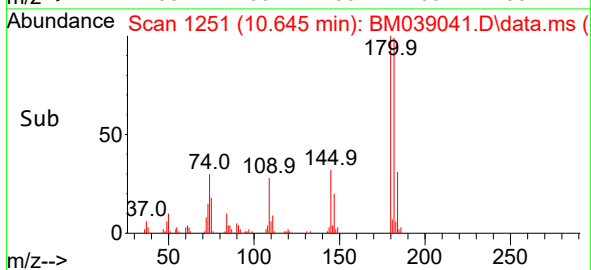
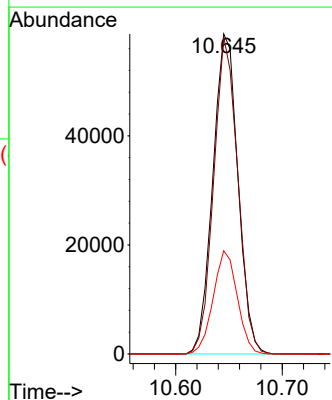
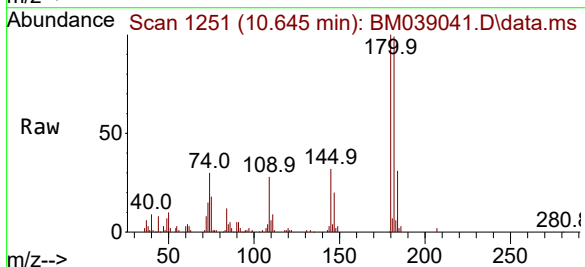
Tgt Ion:180 Resp: 95865

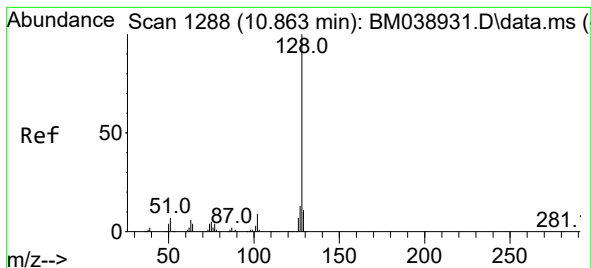
Ion Ratio Lower Upper

180 100

182 99.1 76.3 114.5

145 32.3 25.0 37.4





#31

Naphthalene

Concen: 3.668 ng

RT: 10.833 min Scan# 1143

Delta R.T. -0.006 min

Lab File: BM039041.D

Acq: 20 Mar 2023 12:52

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT1-2023

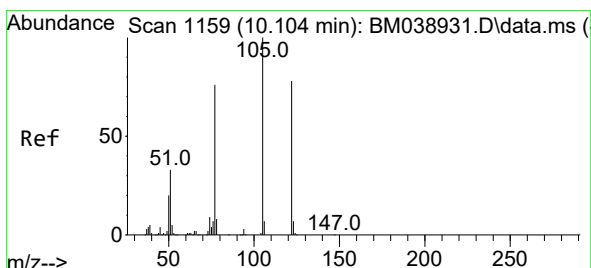
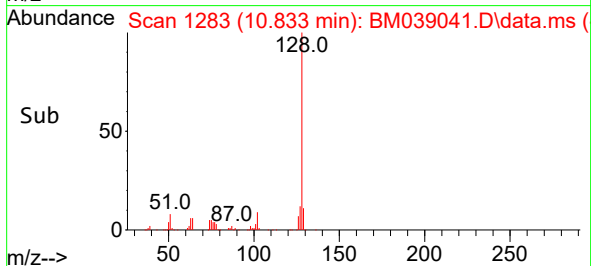
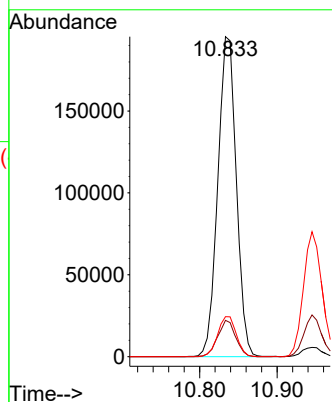
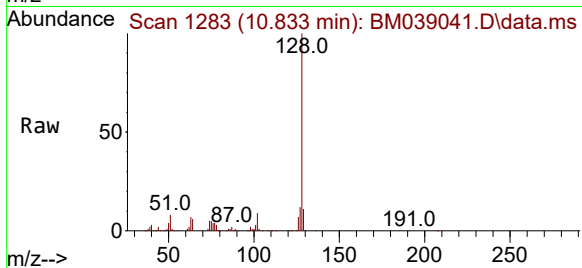
Tgt Ion:128 Resp: 324333

Ion Ratio Lower Upper

128 100

129 11.4 8.6 13.0

127 12.5 10.2 15.4



#32

Benzoic acid

Concen: 7.098 ng

RT: 10.010 min Scan# 1143

Delta R.T. -0.088 min

Lab File: BM039041.D

Acq: 20 Mar 2023 12:52

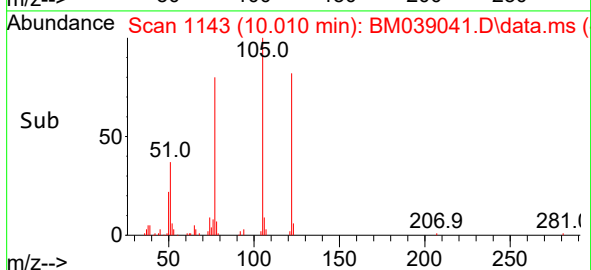
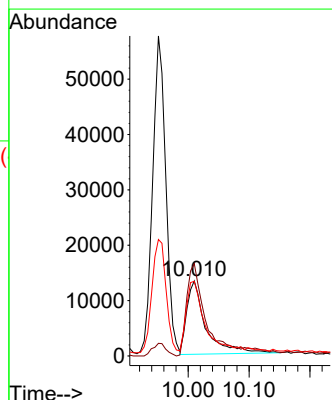
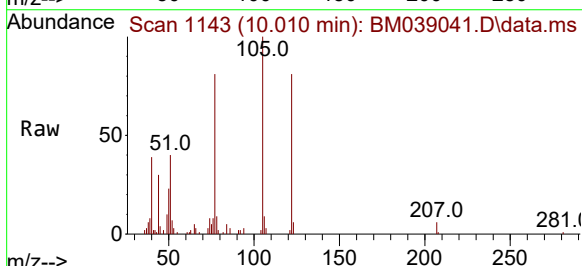
Tgt Ion:122 Resp: 28786

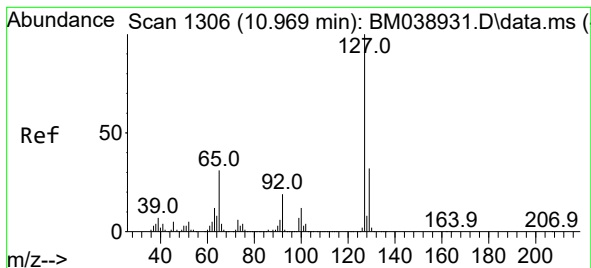
Ion Ratio Lower Upper

122 100

105 123.0 104.2 144.2

77 99.3 75.1 115.1





#33

4-Chloroaniline

Concen: 3.430 ng

RT: 10.945 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM039041.D

Acq: 20 Mar 2023 12:52

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT1-2023

Tgt Ion:127 Resp: 129249

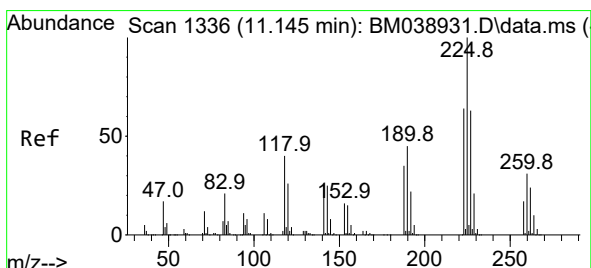
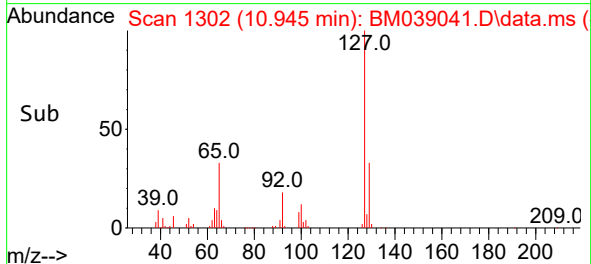
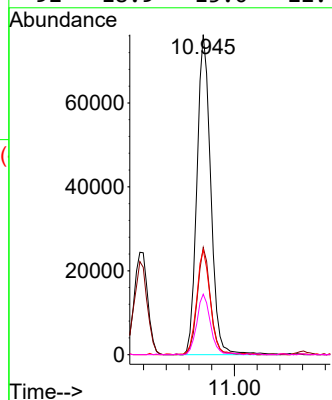
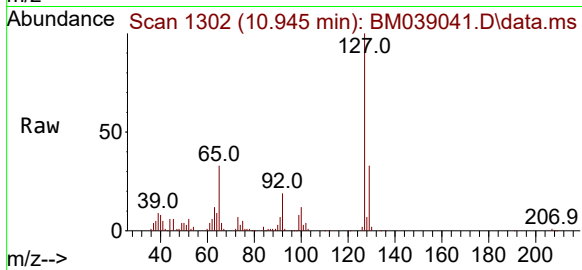
Ion Ratio Lower Upper

127 100

129 33.5 25.4 38.2

65 32.8 24.4 36.6

92 18.9 15.0 22.4



#34

Hexachlorobutadiene

Concen: 3.519 ng

RT: 11.122 min Scan# 1332

Delta R.T. -0.006 min

Lab File: BM039041.D

Acq: 20 Mar 2023 12:52

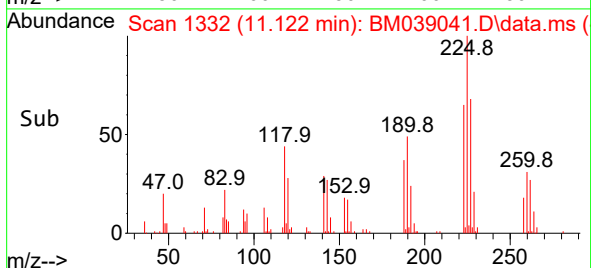
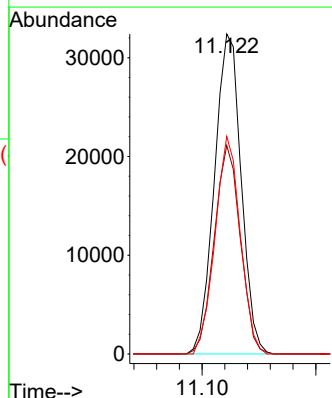
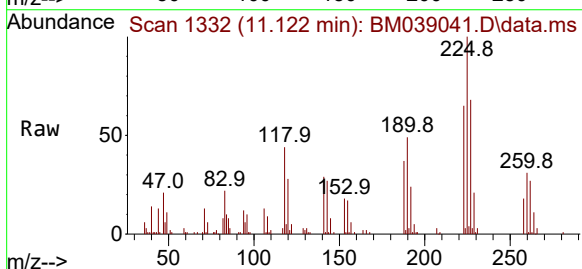
Tgt Ion:225 Resp: 52914

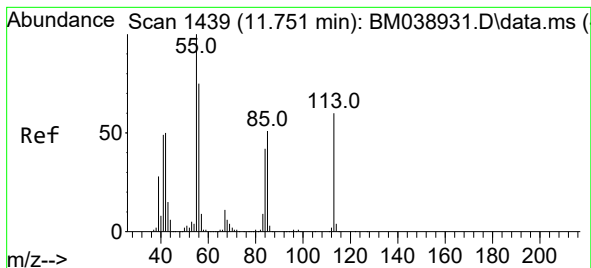
Ion Ratio Lower Upper

225 100

223 68.1 51.3 76.9

227 68.0 50.6 76.0





#35

Caprolactam

Concen: 3.341 ng

RT: 11.710 min Scan# 1432

Delta R.T. -0.029 min

Lab File: BM039041.D

Acq: 20 Mar 2023 12:52

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT1-2023

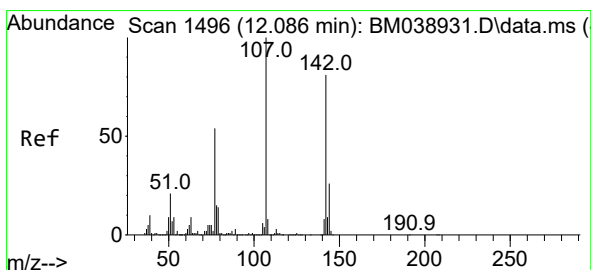
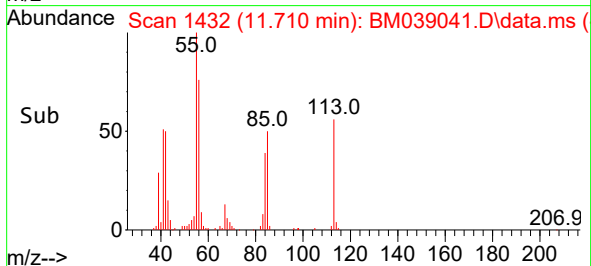
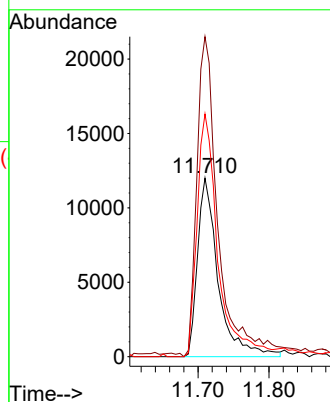
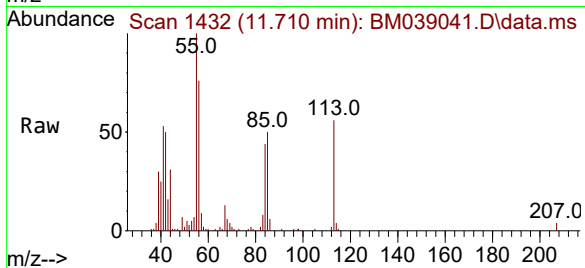
Tgt Ion:113 Resp: 24403

Ion Ratio Lower Upper

113 100

55 179.2 147.0 187.0

56 136.0 105.1 145.1



#36

4-Chloro-3-methylphenol

Concen: 3.389 ng

RT: 12.063 min Scan# 1492

Delta R.T. -0.006 min

Lab File: BM039041.D

Acq: 20 Mar 2023 12:52

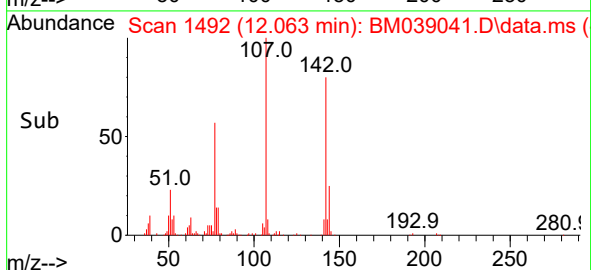
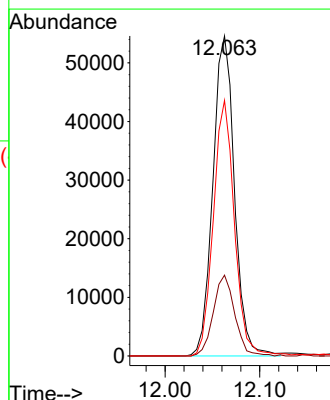
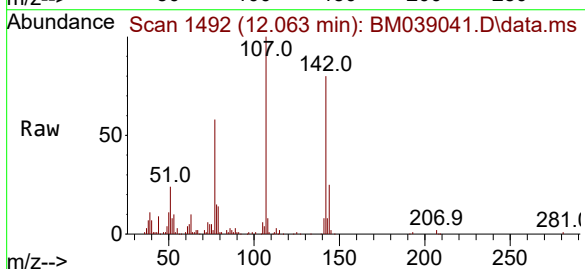
Tgt Ion:107 Resp: 86599

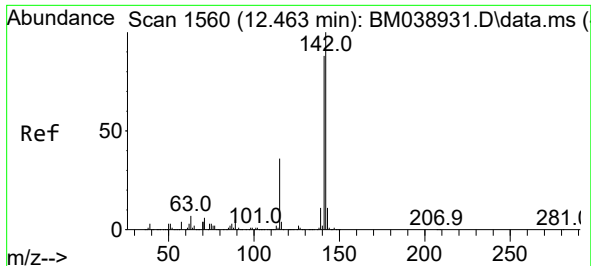
Ion Ratio Lower Upper

107 100

144 25.3 20.7 31.1

142 79.9 64.6 97.0

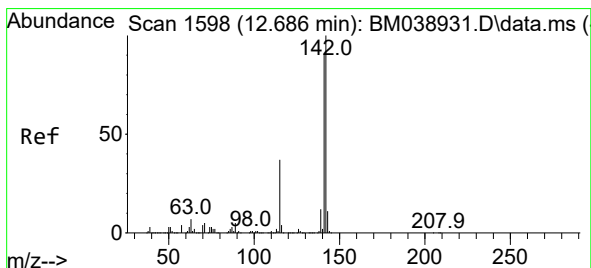
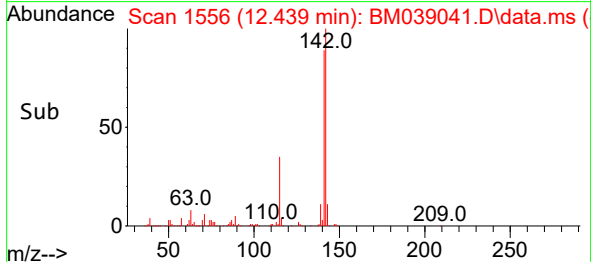
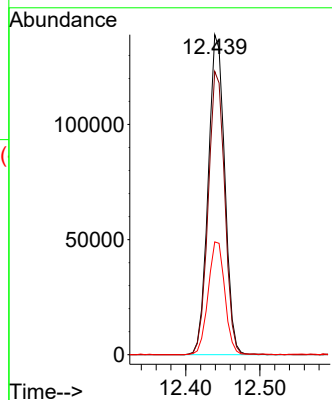
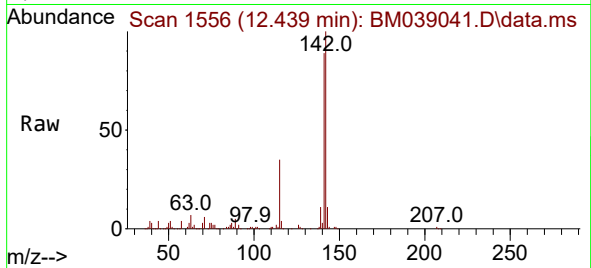




#37
2-Methylnaphthalene
Concen: 3.644 ng
RT: 12.439 min Scan# 1556
Delta R.T. -0.006 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

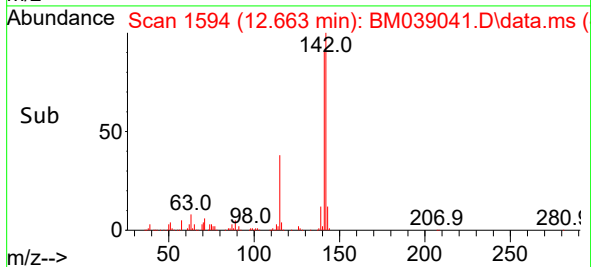
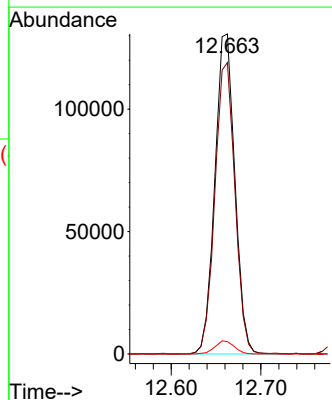
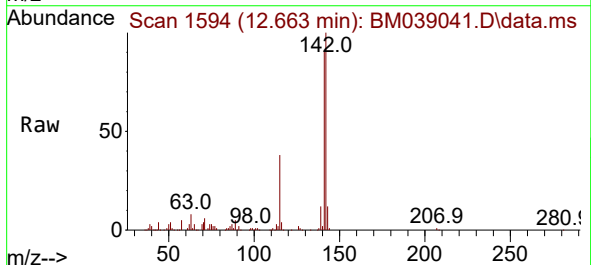
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2023

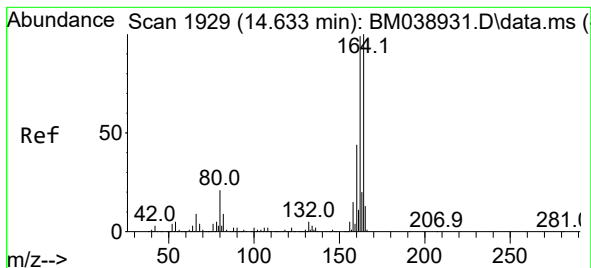
Tgt Ion:142 Resp: 215929
Ion Ratio Lower Upper
142 100
141 88.5 70.6 106.0
115 35.3 28.5 42.7



#38
1-Methylnaphthalene
Concen: 3.645 ng
RT: 12.663 min Scan# 1594
Delta R.T. -0.006 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

Tgt Ion:142 Resp: 202420
Ion Ratio Lower Upper
142 100
141 91.1 72.8 109.2
116 3.8 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.610 min Scan# 1619

Delta R.T. -0.006 min

Lab File: BM039041.D

Acq: 20 Mar 2023 12:52

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT1-2023

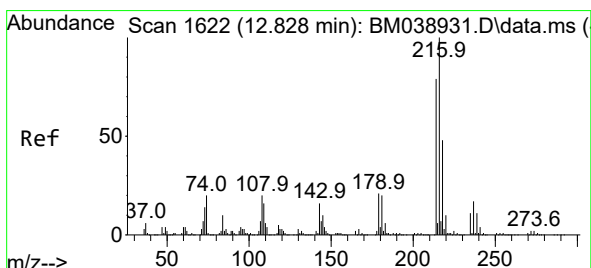
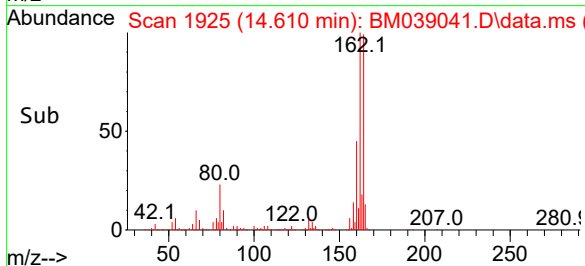
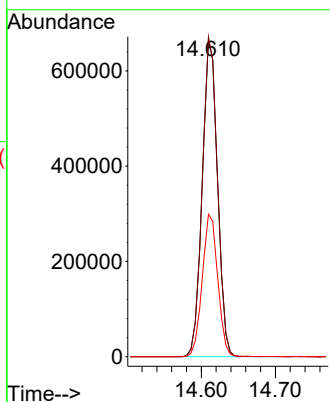
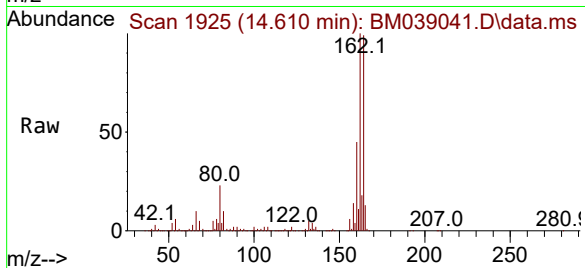
Tgt Ion:164 Resp: 951574

Ion Ratio Lower Upper

164 100

162 101.0 79.2 118.8

160 45.0 35.5 53.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 3.350 ng

RT: 12.810 min Scan# 1619

Delta R.T. -0.006 min

Lab File: BM039041.D

Acq: 20 Mar 2023 12:52

Tgt Ion:216 Resp: 103633

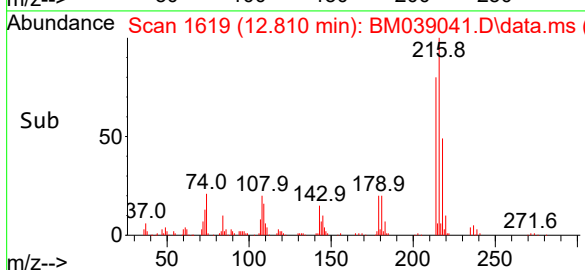
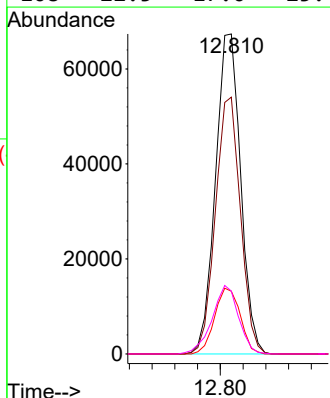
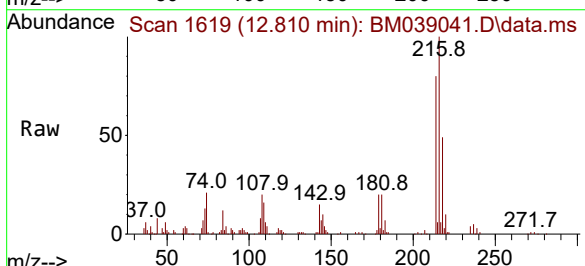
Ion Ratio Lower Upper

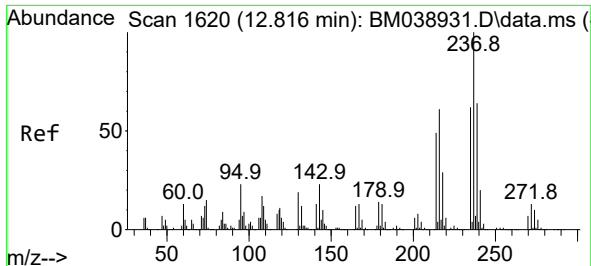
216 100

214 79.8 63.0 94.4

179 20.9 16.8 25.2

108 22.5 17.0 25.4

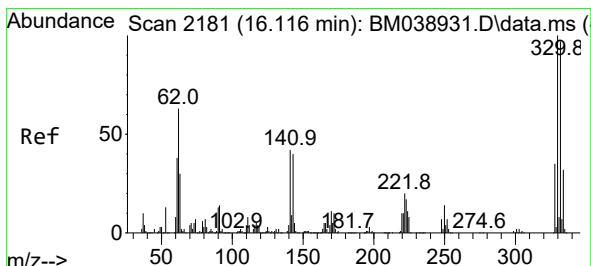
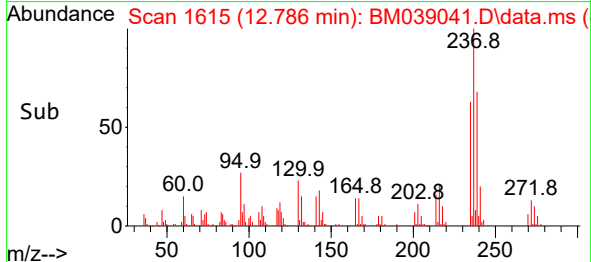
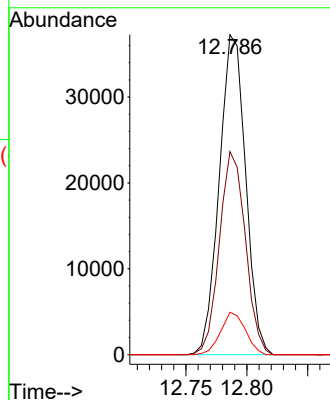
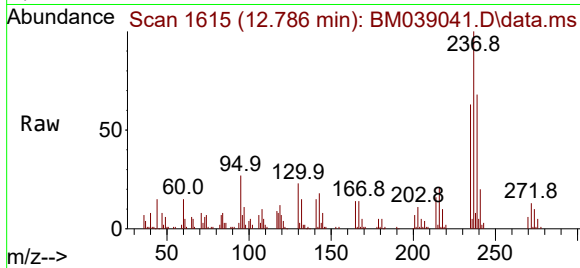




#41
Hexachlorocyclopentadiene
Concen: 3.307 ng
RT: 12.786 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

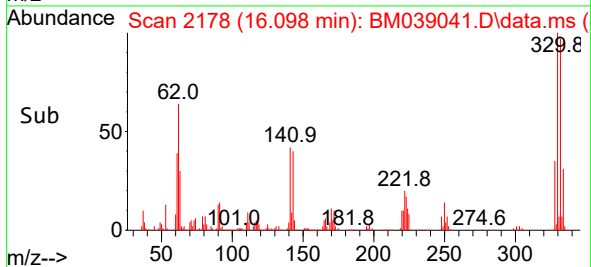
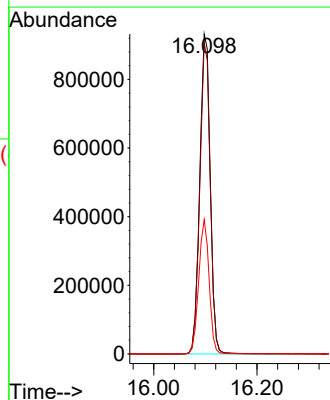
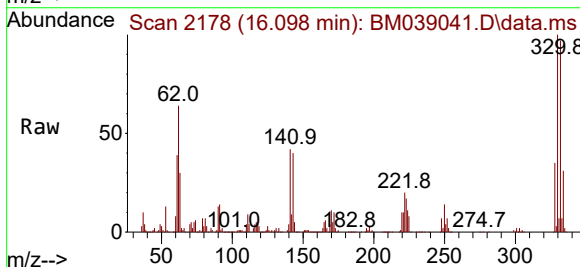
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2023

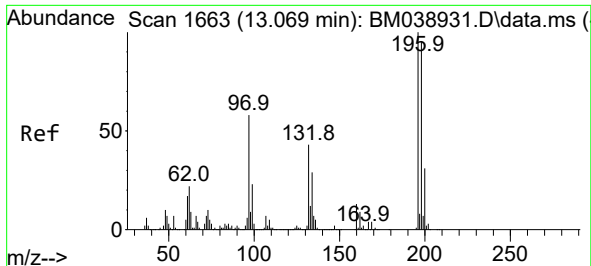
Tgt Ion:237 Resp: 56163
Ion Ratio Lower Upper
237 100
235 63.5 41.7 81.7
272 13.3 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 119.290 ng
RT: 16.098 min Scan# 2178
Delta R.T. -0.006 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

Tgt Ion:330 Resp: 1313166
Ion Ratio Lower Upper
330 100
332 96.2 77.4 116.0
141 41.5 32.2 48.4





#43

2,4,6-Trichlorophenol

Concen: 2.916 ng

RT: 13.045 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM039041.D

Acq: 20 Mar 2023 12:52

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT1-2023

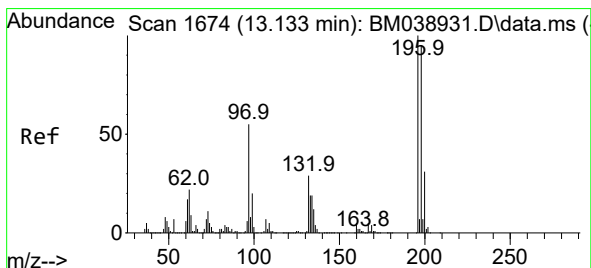
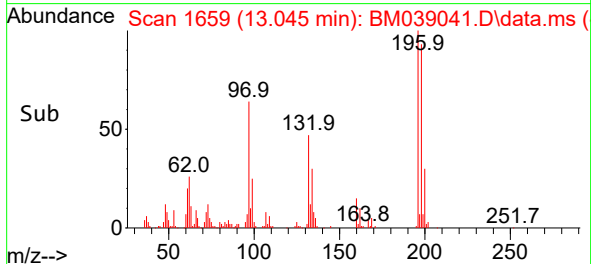
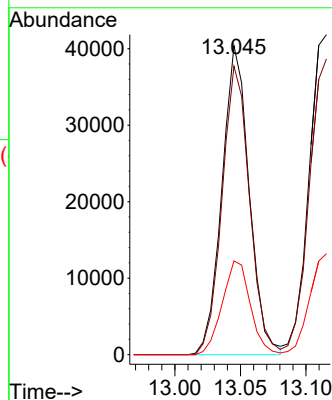
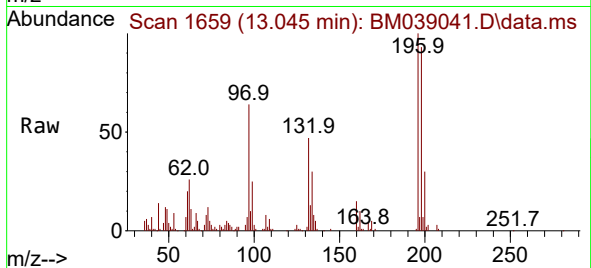
Tgt Ion:196 Resp: 58412

Ion Ratio Lower Upper

196 100

198 93.3 75.8 113.8

200 30.3 25.0 37.4



#44

2,4,5-Trichlorophenol

Concen: 2.769 ng

RT: 13.116 min Scan# 1671

Delta R.T. -0.006 min

Lab File: BM039041.D

Acq: 20 Mar 2023 12:52

Tgt Ion:196 Resp: 64919

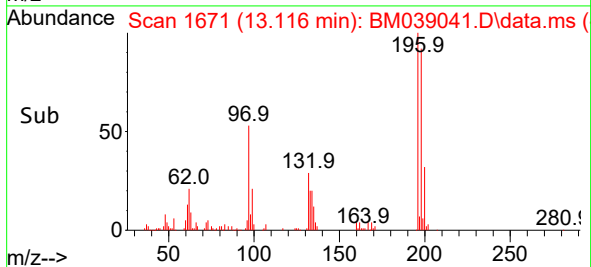
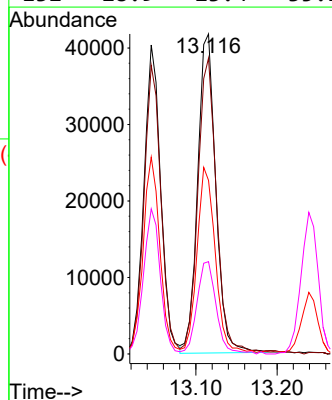
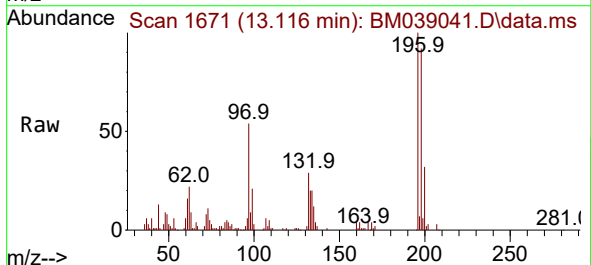
Ion Ratio Lower Upper

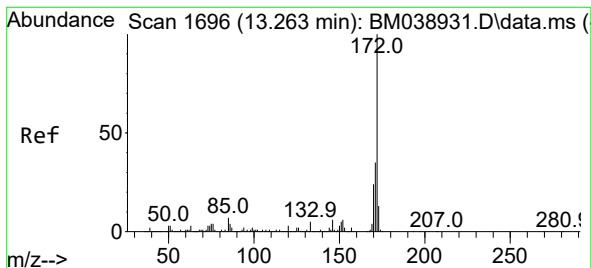
196 100

198 92.4 76.3 114.5

97 54.3 44.2 66.4

132 28.9 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 76.609 ng

RT: 13.239 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM039041.D

Acq: 20 Mar 2023 12:52

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT1-2023

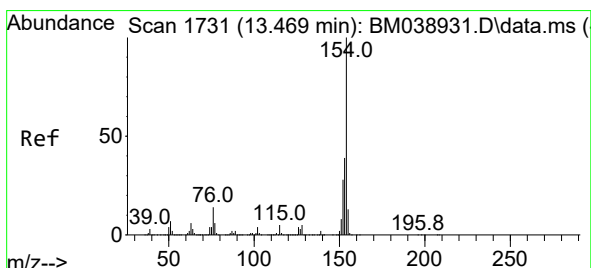
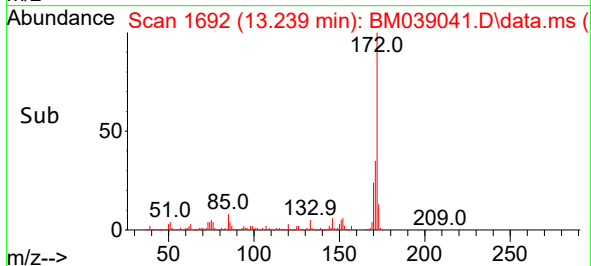
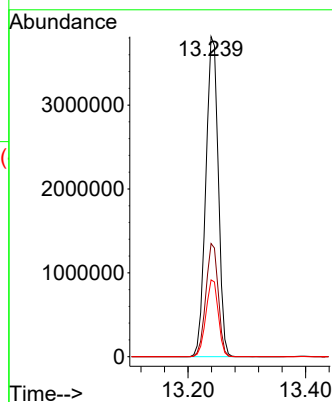
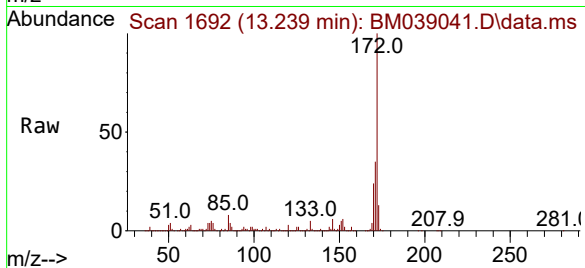
Tgt Ion:172 Resp: 5599907

Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.2

170 24.0 19.1 28.7



#46

1,1'-Biphenyl

Concen: 3.784 ng

RT: 13.451 min Scan# 1728

Delta R.T. -0.006 min

Lab File: BM039041.D

Acq: 20 Mar 2023 12:52

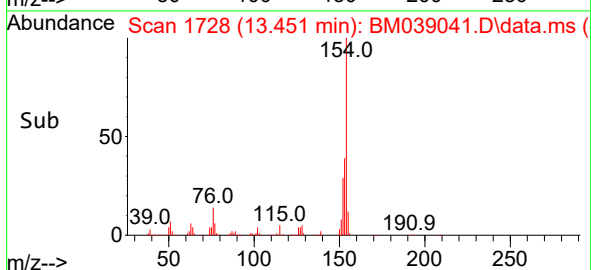
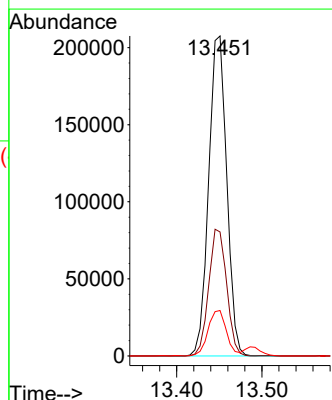
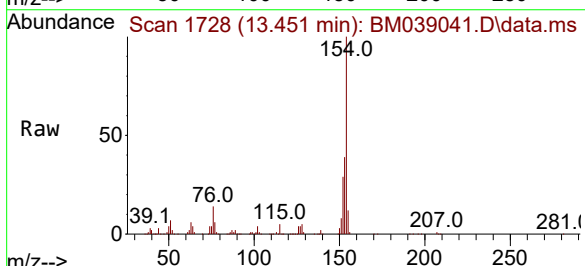
Tgt Ion:154 Resp: 305076

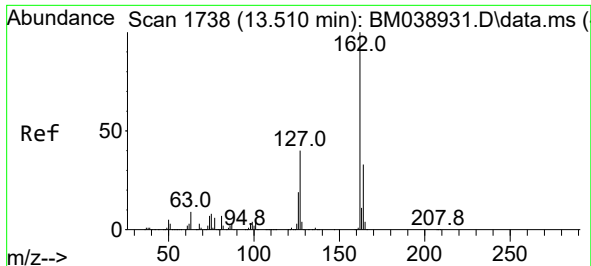
Ion Ratio Lower Upper

154 100

153 38.8 19.3 59.3

76 14.2 0.0 34.0





#47

2-Chloronaphthalene

Concen: 3.611 ng

RT: 13.492 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM039041.D

Acq: 20 Mar 2023 12:52

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT1-2023

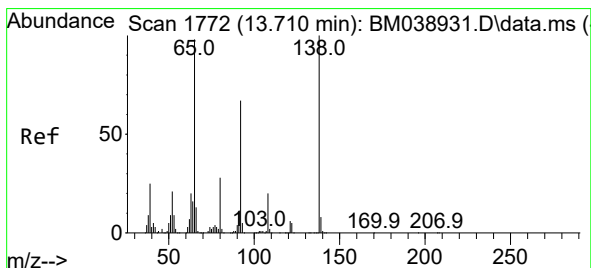
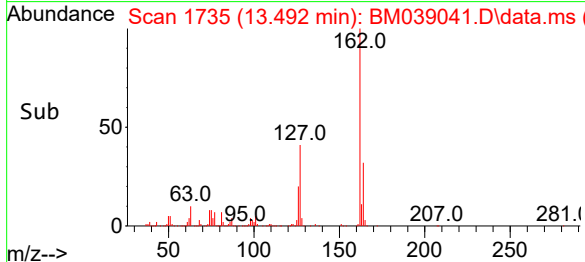
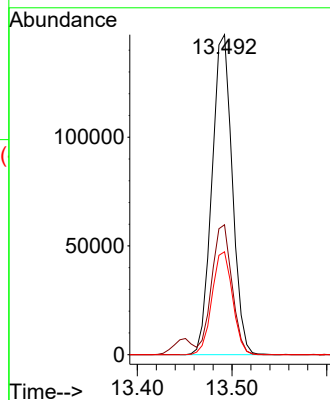
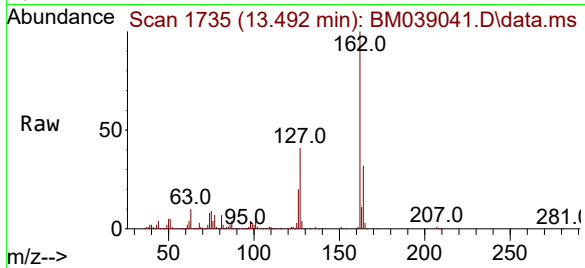
Tgt Ion:162 Resp: 219493

Ion Ratio Lower Upper

162 100

127 40.6 32.1 48.1

164 32.1 26.2 39.4



#48

2-Nitroaniline

Concen: 4.957 ng

RT: 13.692 min Scan# 1769

Delta R.T. -0.006 min

Lab File: BM039041.D

Acq: 20 Mar 2023 12:52

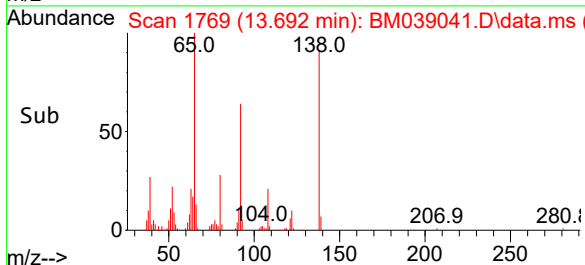
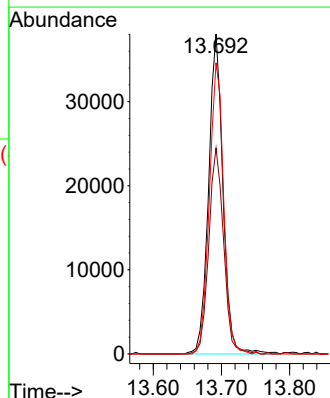
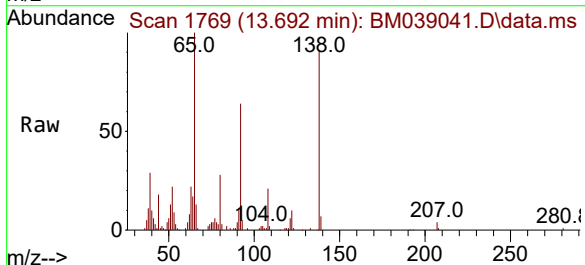
Tgt Ion: 65 Resp: 55947

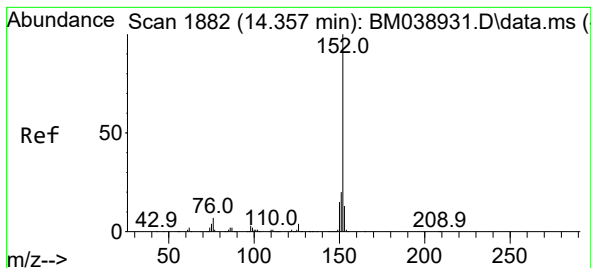
Ion Ratio Lower Upper

65 100

92 64.4 54.9 82.3

138 91.0 81.6 122.4





#49

Acenaphthylene

Concen: 3.338 ng

RT: 14.333 min Scan# 1878

Delta R.T. -0.006 min

Lab File: BM039041.D

Acq: 20 Mar 2023 12:52

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT1-2023

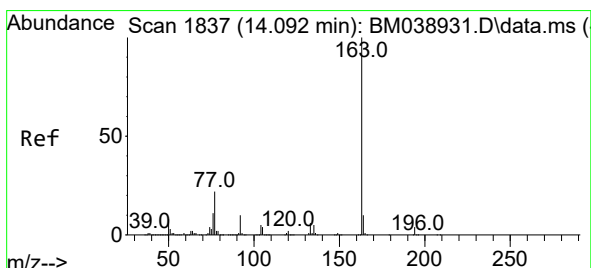
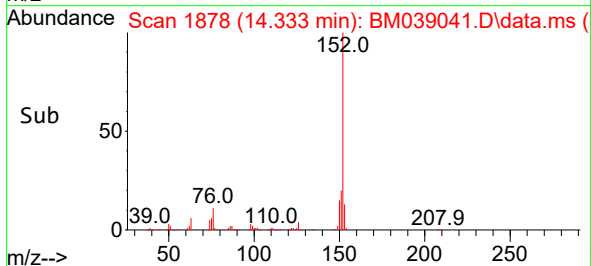
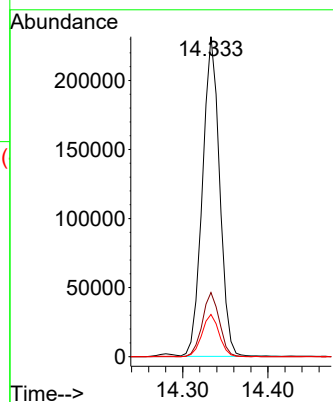
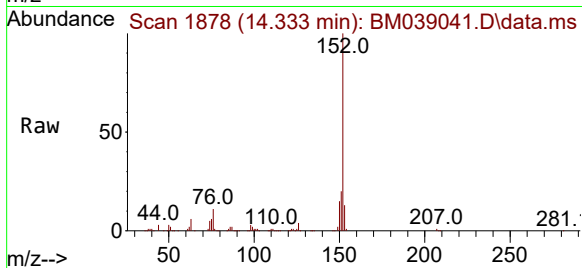
Tgt Ion:152 Resp: 323205

Ion Ratio Lower Upper

152 100

151 20.0 15.8 23.8

153 13.2 10.4 15.6



#50

Dimethylphthalate

Concen: 3.768 ng

RT: 14.068 min Scan# 1833

Delta R.T. -0.006 min

Lab File: BM039041.D

Acq: 20 Mar 2023 12:52

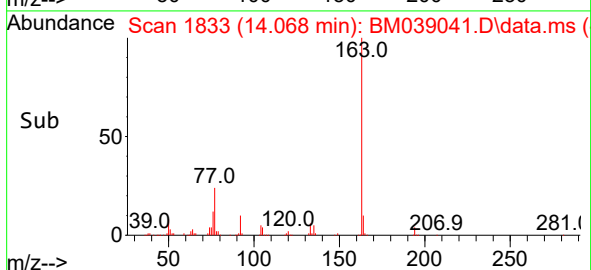
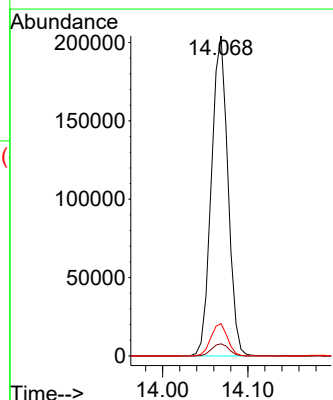
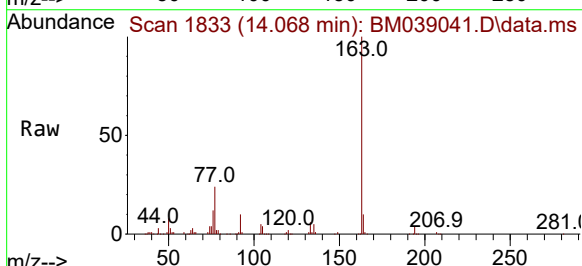
Tgt Ion:163 Resp: 275931

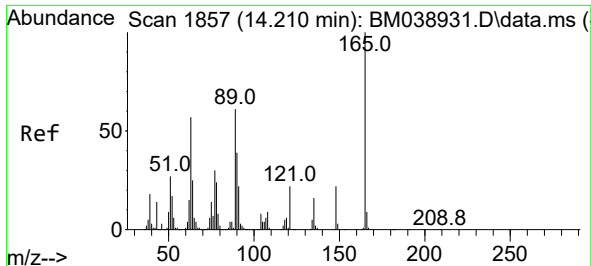
Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

164 10.1 8.1 12.1

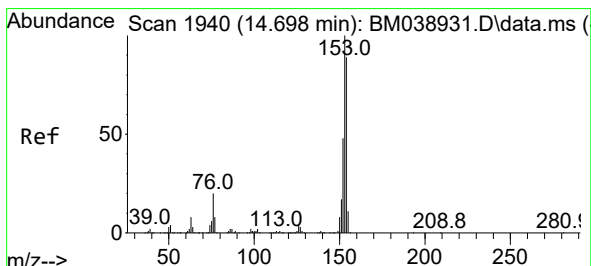
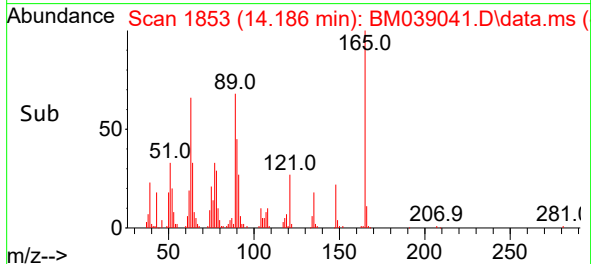
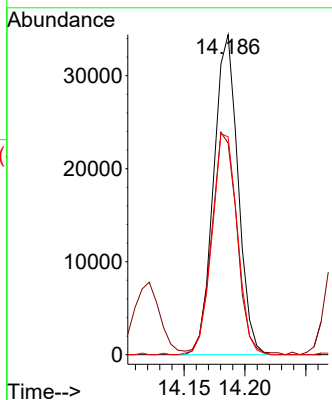
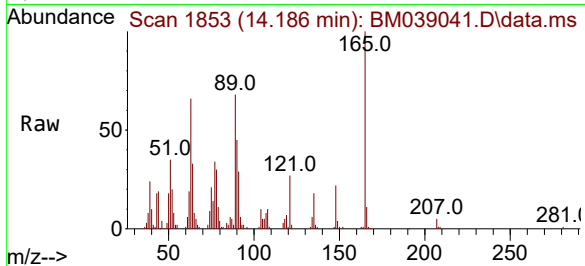




#51
2,6-Dinitrotoluene
Concen: 4.384 ng
RT: 14.186 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

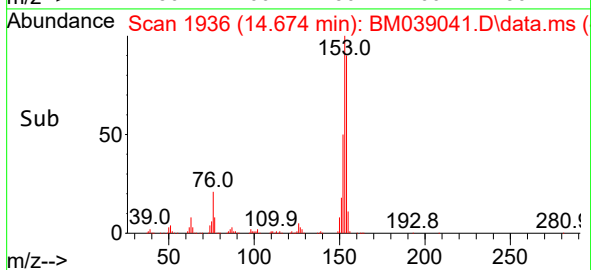
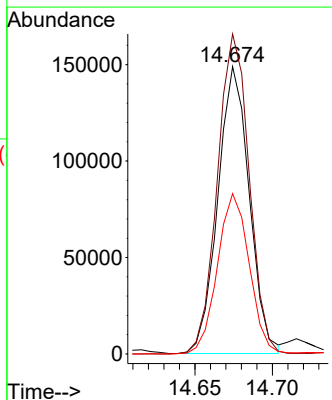
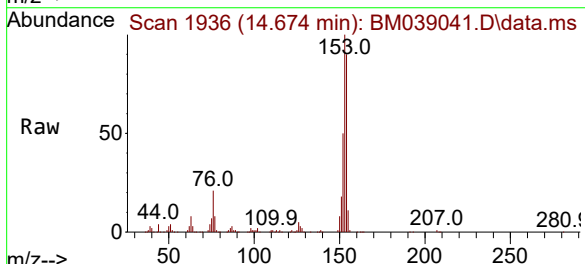
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2023

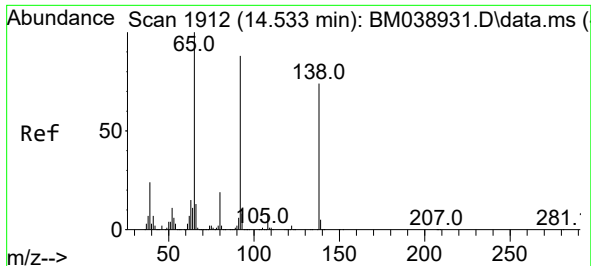
Tgt Ion:165 Resp: 47836
Ion Ratio Lower Upper
165 100
63 66.1 46.6 70.0
89 68.0 48.6 73.0



#52
Acenaphthene
Concen: 3.522 ng
RT: 14.674 min Scan# 1936
Delta R.T. -0.006 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

Tgt Ion:154 Resp: 209612
Ion Ratio Lower Upper
154 100
153 111.3 90.2 135.2
152 55.8 43.4 65.2

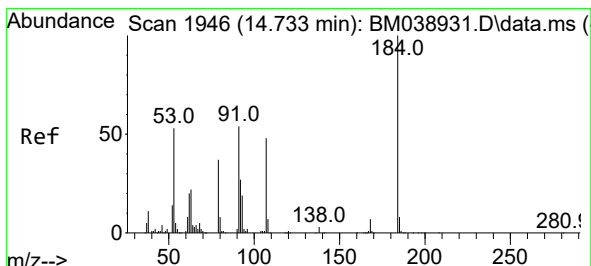
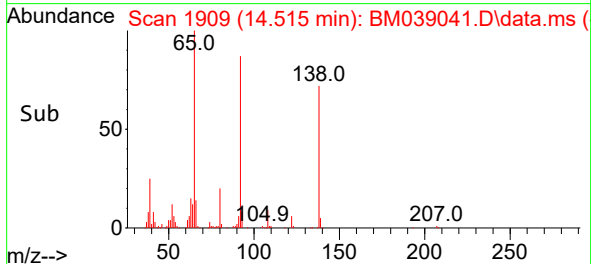
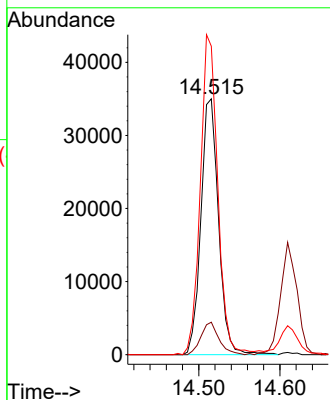
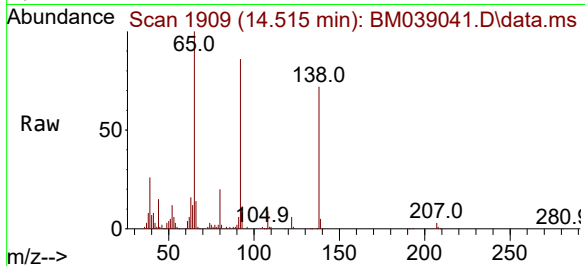




#53
3-Nitroaniline
Concen: 4.287 ng
RT: 14.515 min Scan# 1909
Delta R.T. -0.006 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

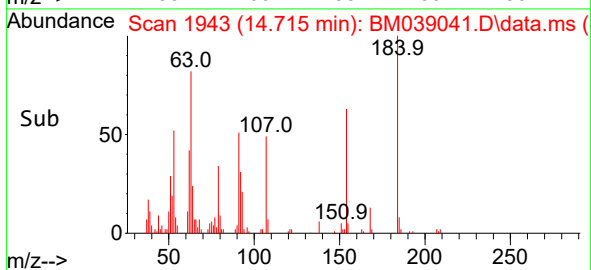
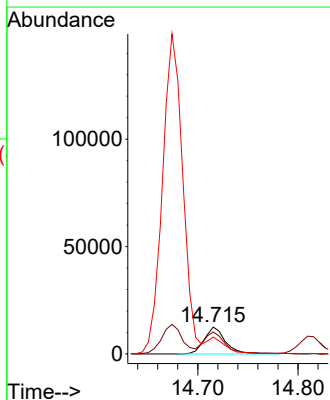
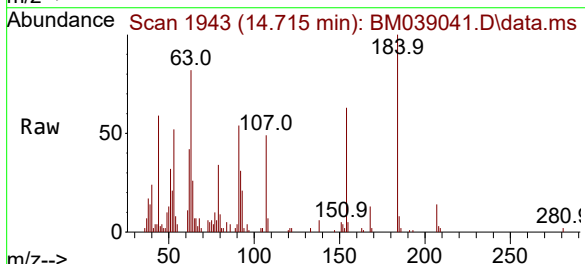
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2023

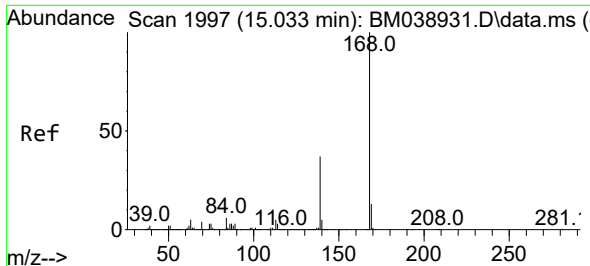
Tgt Ion:138 Resp: 52809
Ion Ratio Lower Upper
138 100
108 12.7 8.3 12.5#
92 120.5 95.8 143.8



#54
2,4-Dinitrophenol
Concen: 7.056 ng
RT: 14.715 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

Tgt Ion:184 Resp: 18569
Ion Ratio Lower Upper
184 100
63 81.6 60.6 90.8
154 63.1 51.4 77.2

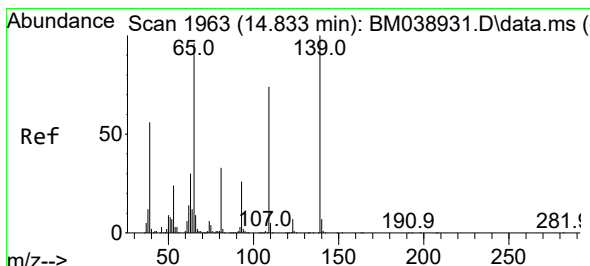
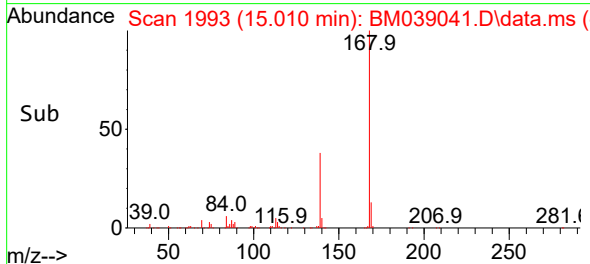
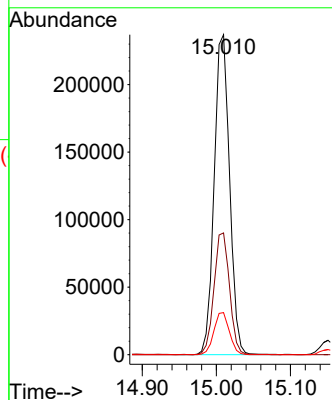
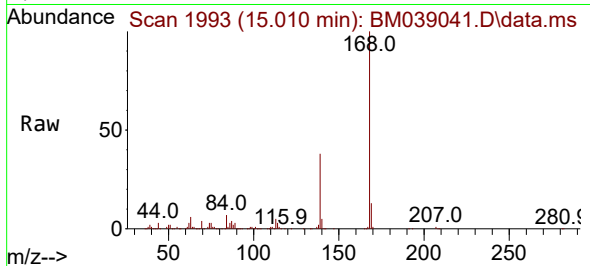




#55
Dibenzenofuran
Concen: 3.661 ng
RT: 15.010 min Scan# 1993
Delta R.T. -0.006 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

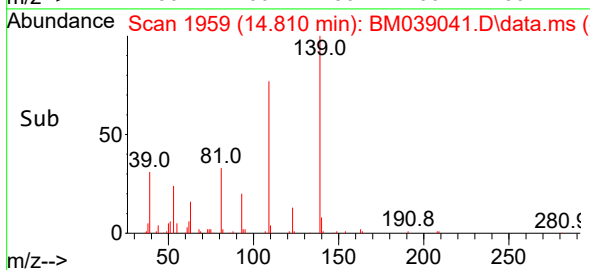
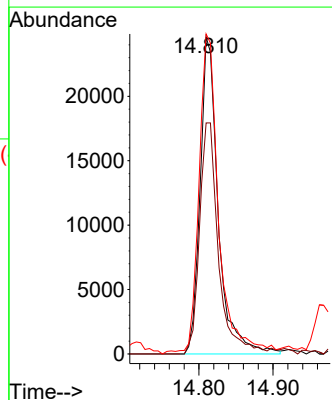
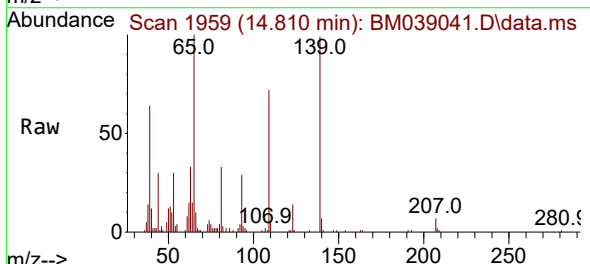
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2023

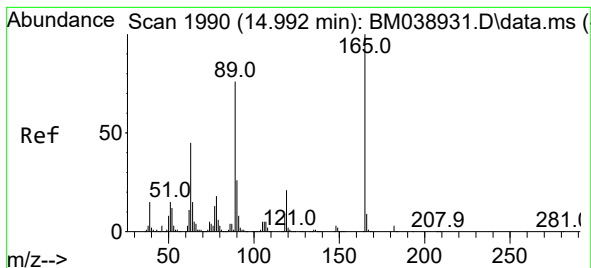
Tgt Ion:168 Resp: 340944
Ion Ratio Lower Upper
168 100
139 38.1 29.9 44.9
169 13.2 10.7 16.1



#56
4-Nitrophenol
Concen: 2.874 ng
RT: 14.810 min Scan# 1959
Delta R.T. -0.012 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

Tgt Ion:139 Resp: 41801
Ion Ratio Lower Upper
139 100
109 72.9 53.5 93.5
65 101.0 76.4 116.4





#57

2,4-Dinitrotoluene

Concen: 4.704 ng

RT: 14.968 min Scan# 1990

Delta R.T. -0.006 min

Lab File: BM039041.D

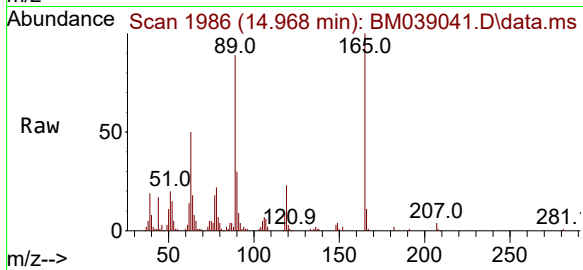
Acq: 20 Mar 2023 12:52

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT1-2023



Tgt Ion:165 Resp: 58641

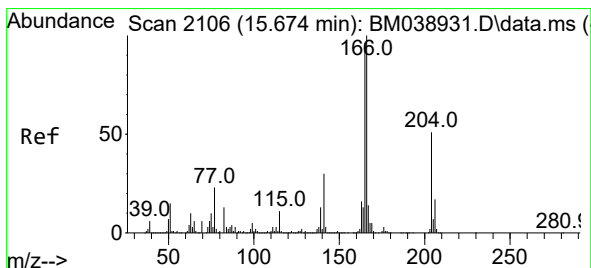
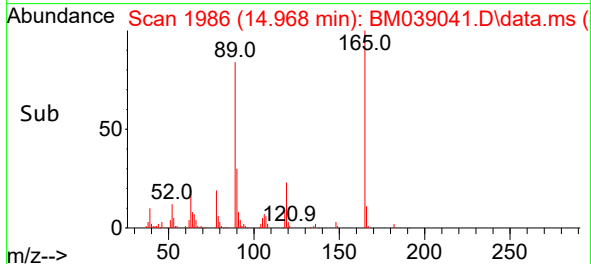
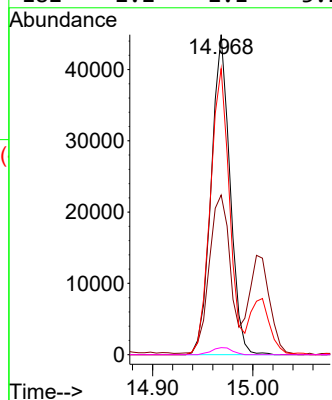
Ion Ratio Lower Upper

165 100

63 49.9 35.9 53.9

89 89.4 61.0 91.6

182 2.2 2.1 3.1



#58

Fluorene

Concen: 3.633 ng

RT: 15.657 min Scan# 2103

Delta R.T. -0.006 min

Lab File: BM039041.D

Acq: 20 Mar 2023 12:52

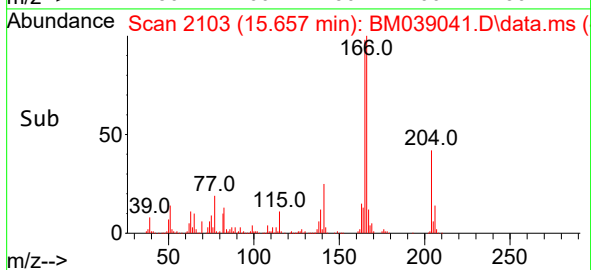
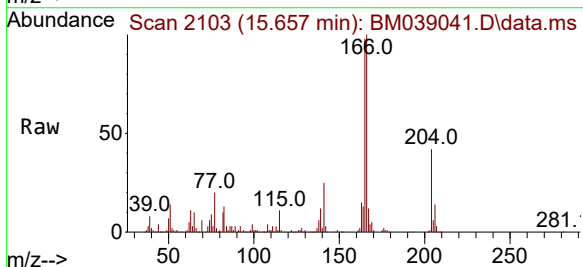
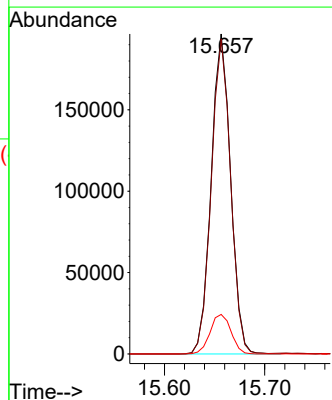
Tgt Ion:166 Resp: 264986

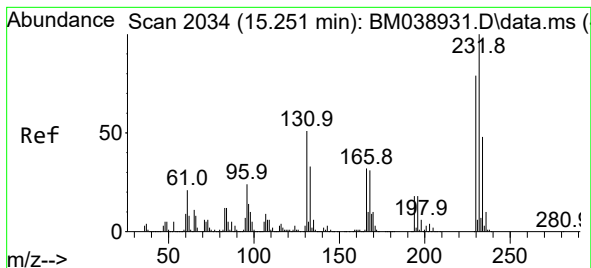
Ion Ratio Lower Upper

166 100

165 98.5 77.1 115.7

167 12.3 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 3.381 ng

RT: 15.233 min Scan# 2034

Delta R.T. -0.006 min

Lab File: BM039041.D

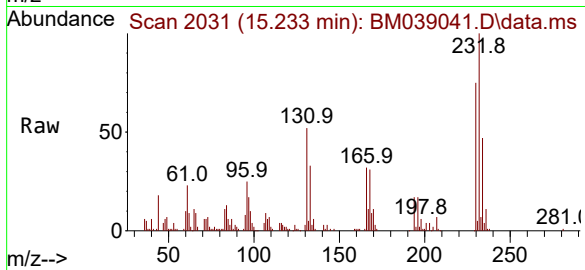
Acq: 20 Mar 2023 12:52

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT1-2023



Tgt Ion:232 Resp: 61143

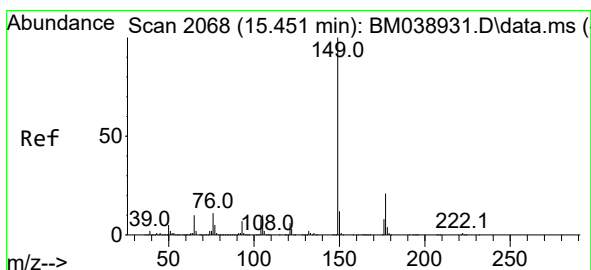
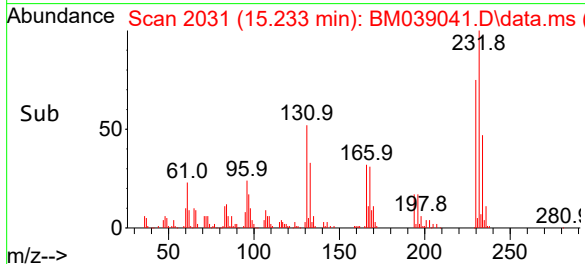
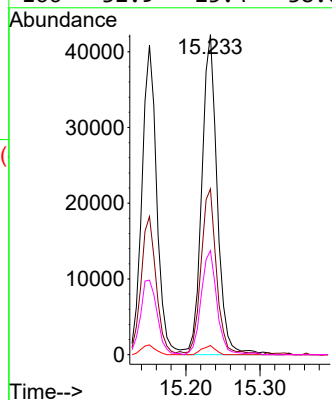
Ion Ratio Lower Upper

232 100

131 52.0 40.0 60.0

130 2.5 2.0 3.0

166 32.9 25.4 38.0



#60

Diethylphthalate

Concen: 3.796 ng

RT: 15.427 min Scan# 2064

Delta R.T. -0.012 min

Lab File: BM039041.D

Acq: 20 Mar 2023 12:52

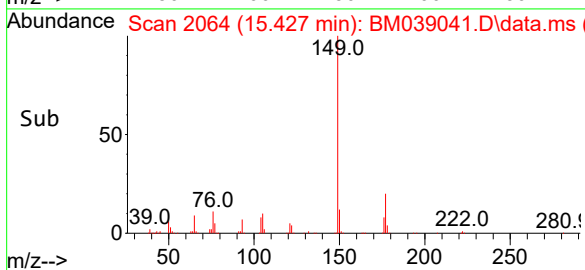
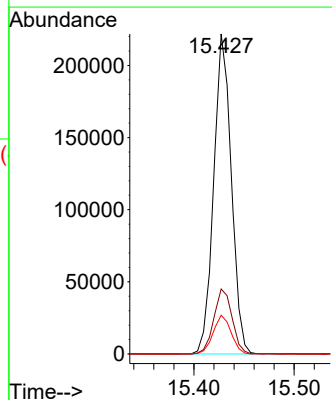
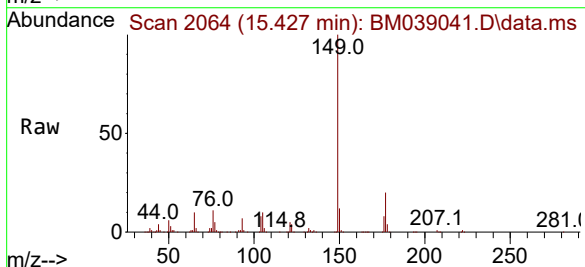
Tgt Ion:149 Resp: 270419

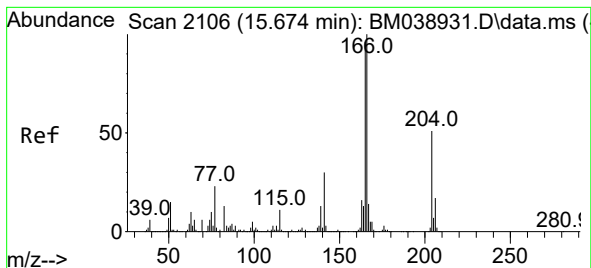
Ion Ratio Lower Upper

149 100

177 20.3 17.1 25.7

150 12.1 9.7 14.5

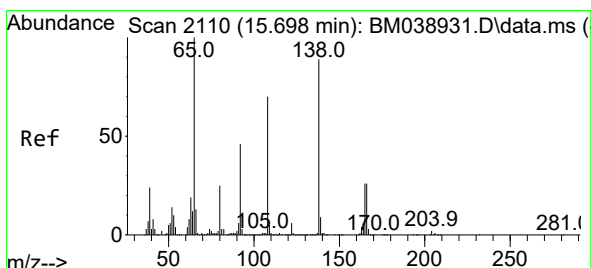
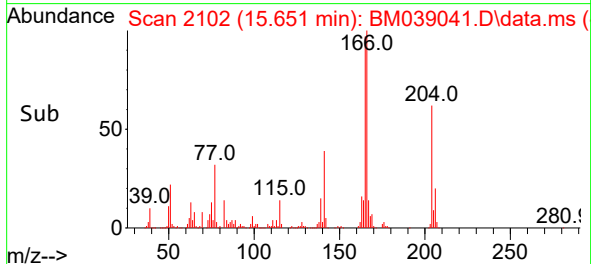
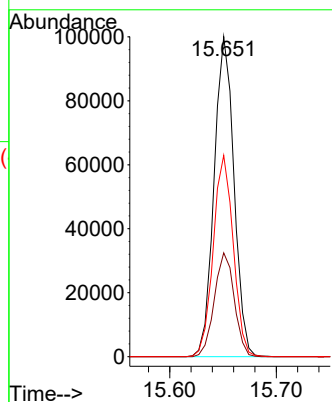
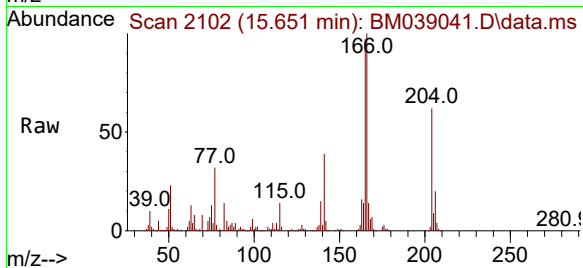




#61
4-Chlorophenyl-phenylether
Concen: 3.619 ng
RT: 15.651 min Scan# 2106
Delta R.T. -0.006 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

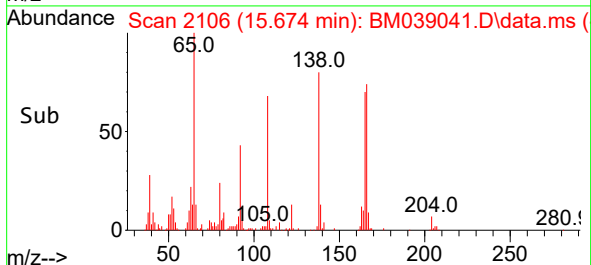
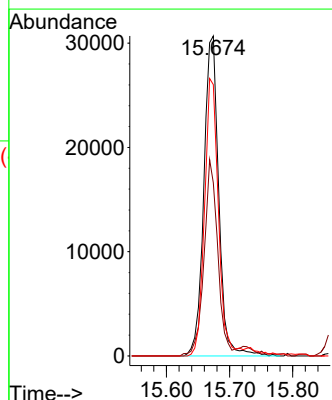
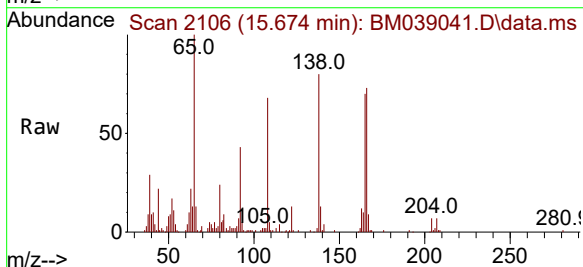
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2023

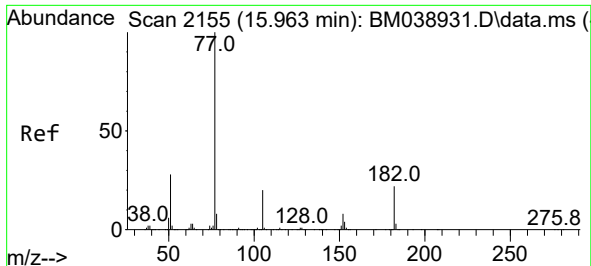
Tgt Ion:204 Resp: 129699
Ion Ratio Lower Upper
204 100
206 32.4 26.4 39.6
141 62.9 46.4 69.6



#62
4-Nitroaniline
Concen: 4.259 ng
RT: 15.674 min Scan# 2106
Delta R.T. -0.012 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

Tgt Ion:138 Resp: 50208
Ion Ratio Lower Upper
138 100
92 54.1 31.6 71.6
108 84.8 58.6 98.6

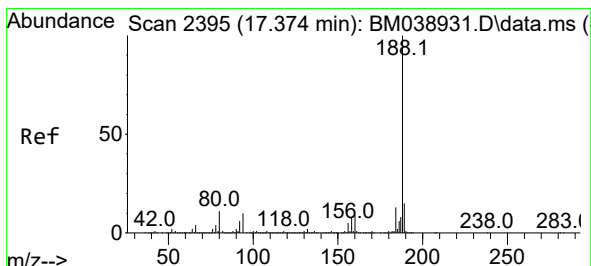
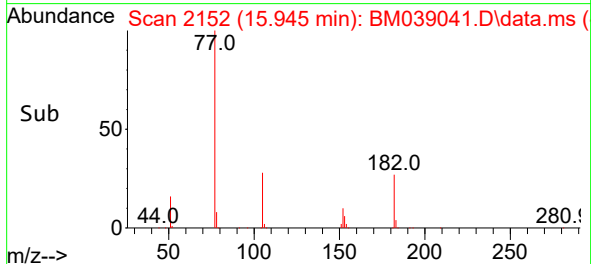
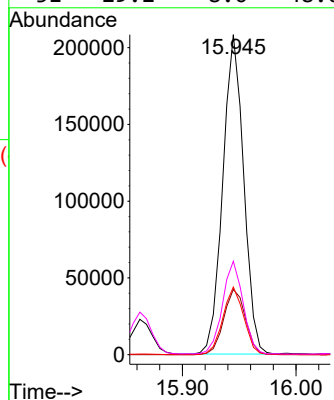
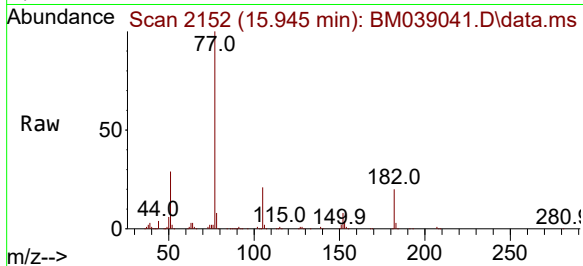




#63
Azobenzene
Concen: 3.527 ng
RT: 15.945 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

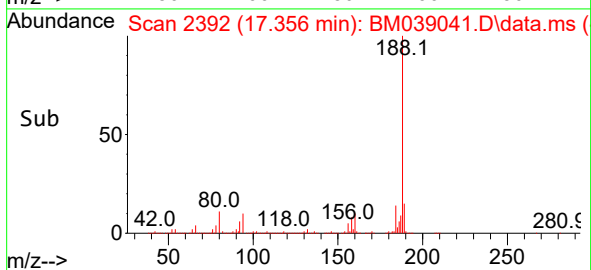
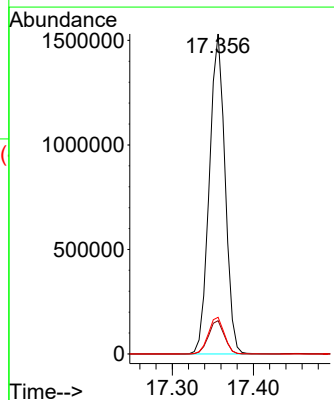
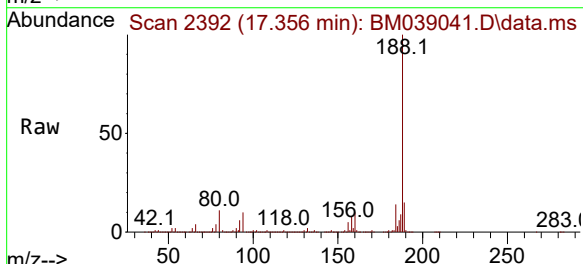
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2023

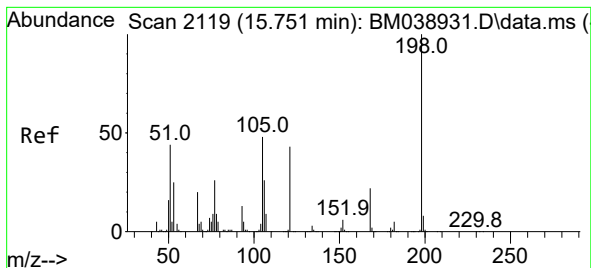
Tgt Ion: 77	Resp: 265870
Ion Ratio	Lower Upper
77 100	
182 20.4	2.0 42.0
105 21.1	0.4 40.4
51 29.2	8.0 48.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.356 min Scan# 2392
Delta R.T. -0.006 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

Tgt Ion:188	Resp: 2054422		
Ion Ratio	Lower	Upper	
188 100			
94 10.4	7.9	11.9	
80 11.5	8.5	12.7	

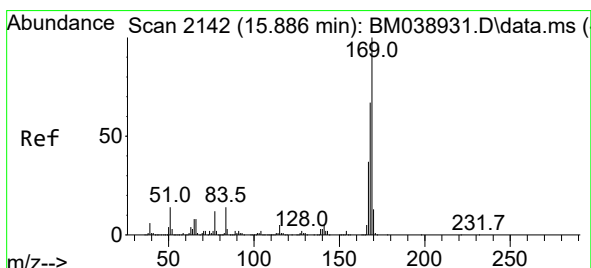
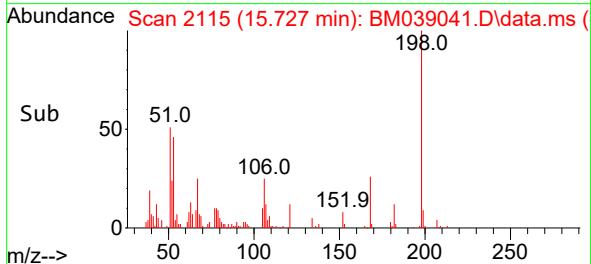
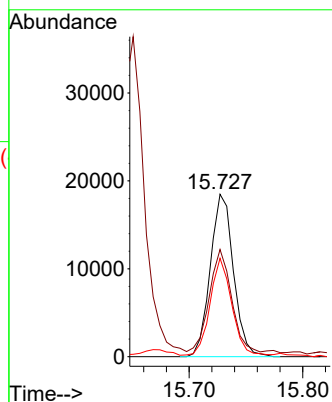
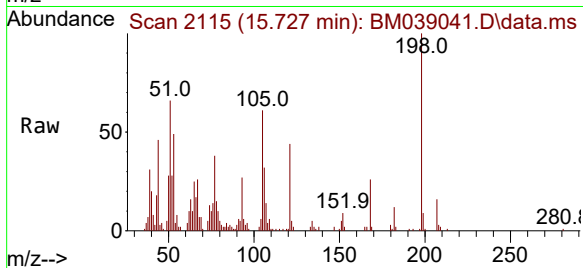




#65
4,6-Dinitro-2-methylphenol
Concen: 6.827 ng
RT: 15.727 min Scan# 2115
Delta R.T. -0.012 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

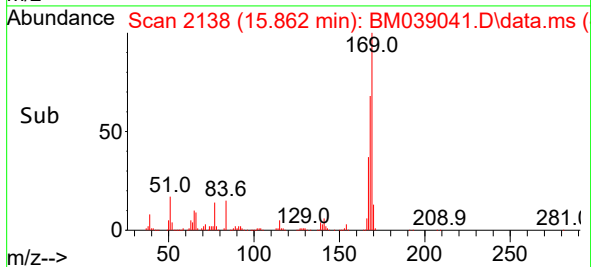
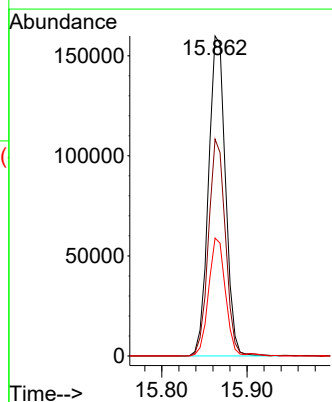
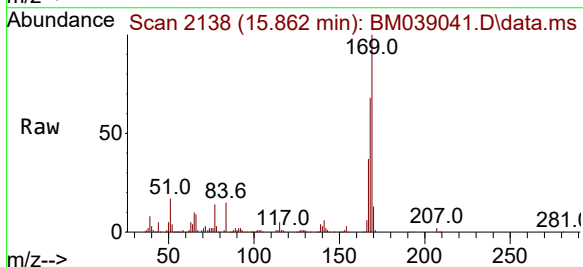
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2023

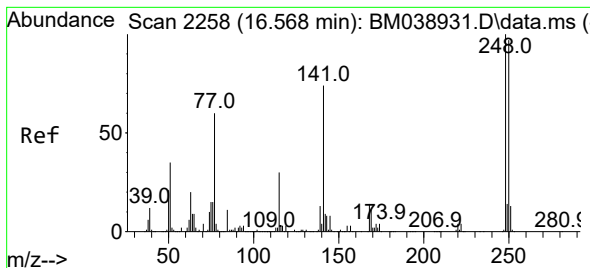
Tgt Ion:198 Resp: 26255
Ion Ratio Lower Upper
198 100
51 66.0 30.1 70.1
105 60.6 29.3 69.3



#66
n-Nitrosodiphenylamine
Concen: 3.190 ng
RT: 15.862 min Scan# 2138
Delta R.T. -0.012 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

Tgt Ion:169 Resp: 220962
Ion Ratio Lower Upper
169 100
168 67.7 53.4 80.0
167 36.8 29.4 44.0

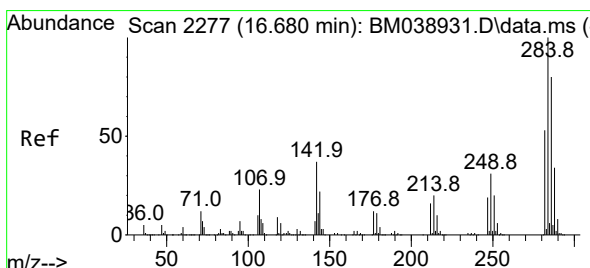
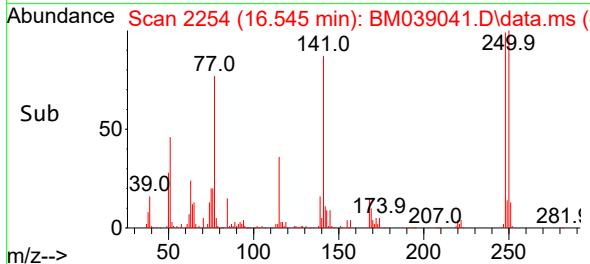
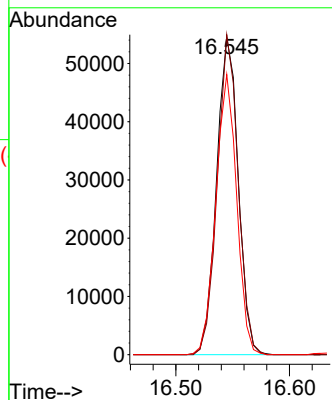
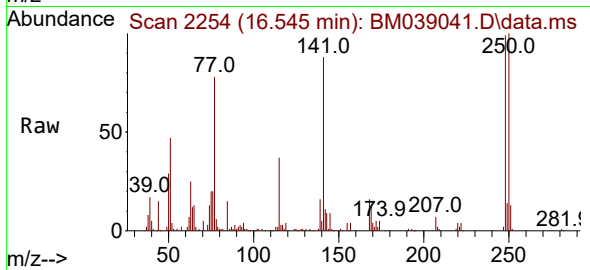




#67
4-Bromophenyl-phenylether
Concen: 3.257 ng
RT: 16.545 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

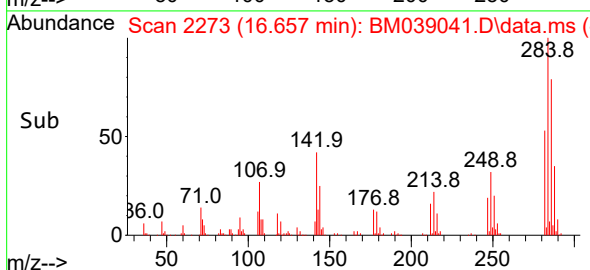
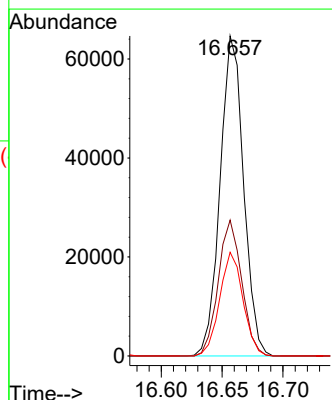
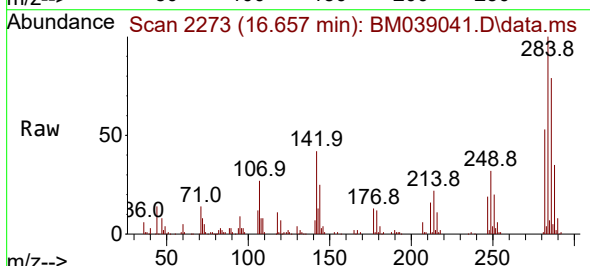
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2023

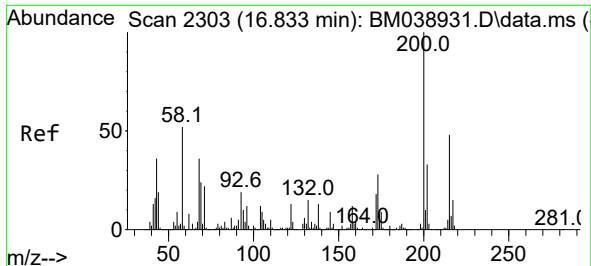
Tgt Ion:248 Resp: 72263
Ion Ratio Lower Upper
248 100
250 100.9 77.8 116.8
141 88.3 59.0 88.4



#68
Hexachlorobenzene
Concen: 3.501 ng
RT: 16.657 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

Tgt Ion:284 Resp: 86844
Ion Ratio Lower Upper
284 100
142 42.4 29.5 44.3
249 32.4 25.0 37.4

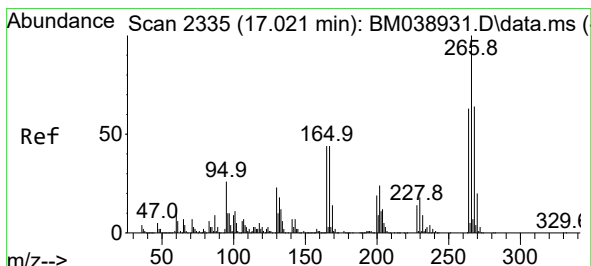
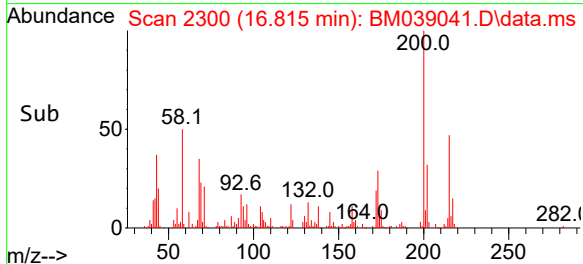
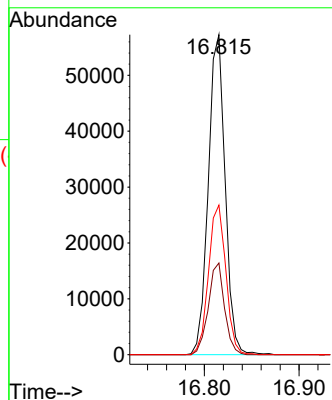
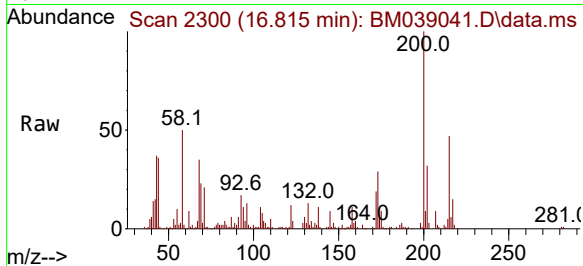




#69
 Atrazine
 Concen: 3.741 ng
 RT: 16.815 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM039041.D
 Acq: 20 Mar 2023 12:52

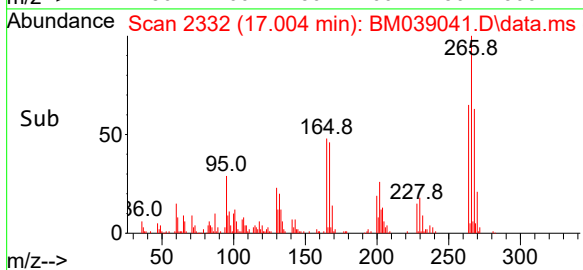
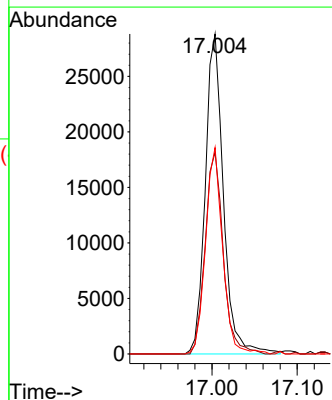
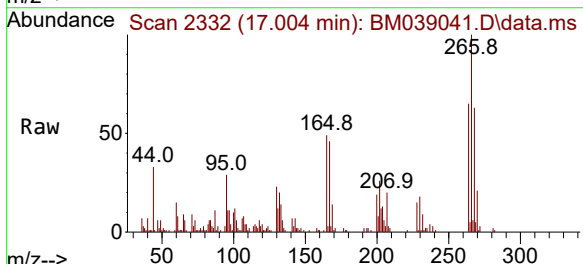
Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT1-2023

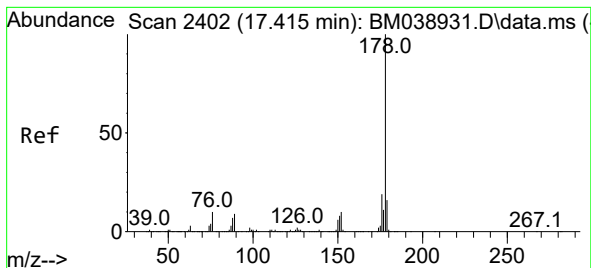
Tgt Ion:200 Resp: 70765
 Ion Ratio Lower Upper
 200 100
 173 28.6 8.2 48.2
 215 46.8 27.8 67.8



#70
 Pentachlorophenol
 Concen: 2.337 ng
 RT: 17.004 min Scan# 2332
 Delta R.T. -0.006 min
 Lab File: BM039041.D
 Acq: 20 Mar 2023 12:52

Tgt Ion:266 Resp: 42646
 Ion Ratio Lower Upper
 266 100
 268 68.0 51.0 76.4
 264 64.5 50.3 75.5





#71

Phenanthrene

Concen: 3.542 ng

RT: 17.398 min Scan# 2410

Delta R.T. -0.006 min

Lab File: BM039041.D

Acq: 20 Mar 2023 12:52

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT1-2023

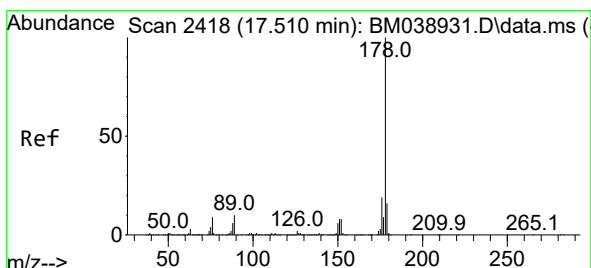
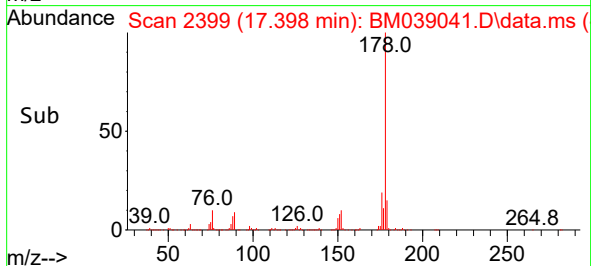
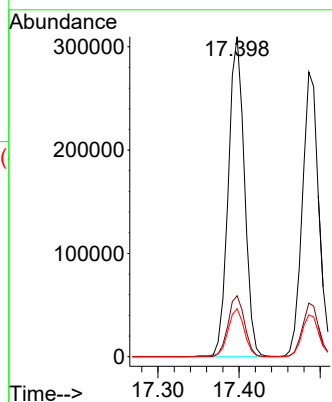
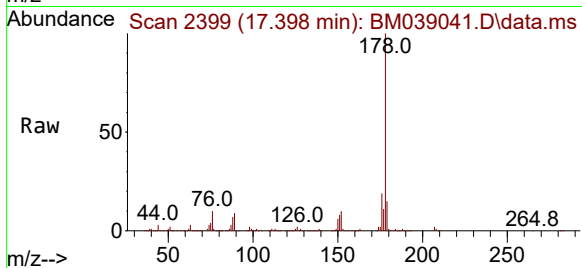
Tgt Ion:178 Resp: 427100

Ion Ratio Lower Upper

178 100

176 19.1 15.6 23.4

179 15.0 12.5 18.7



#72

Anthracene

Concen: 3.289 ng

RT: 17.486 min Scan# 2414

Delta R.T. -0.006 min

Lab File: BM039041.D

Acq: 20 Mar 2023 12:52

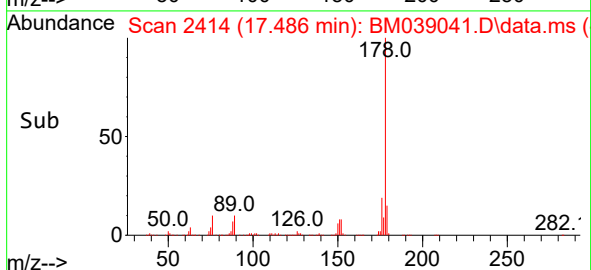
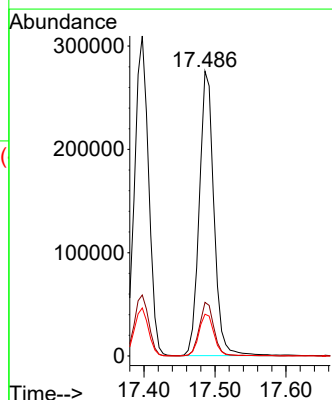
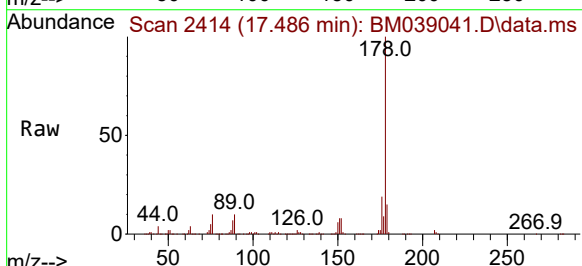
Tgt Ion:178 Resp: 395431

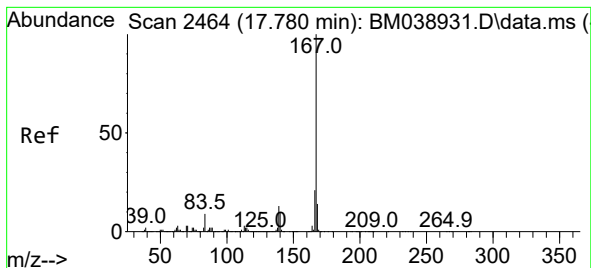
Ion Ratio Lower Upper

178 100

176 18.9 15.3 22.9

179 14.7 12.5 18.7





#73

Carbazole

Concen: 3.417 ng

RT: 17.756 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM039041.D

Acq: 20 Mar 2023 12:52

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT1-2023

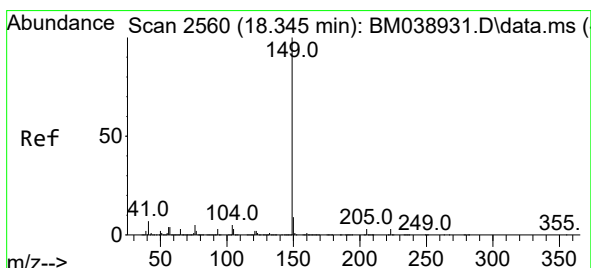
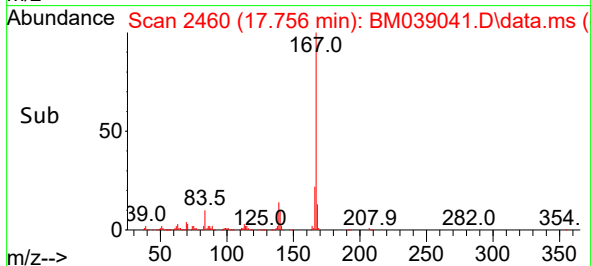
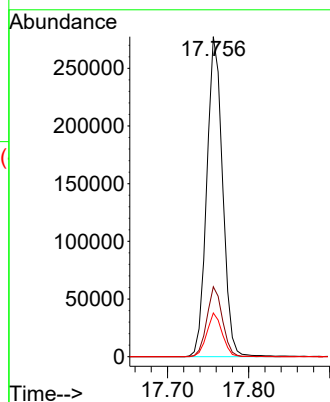
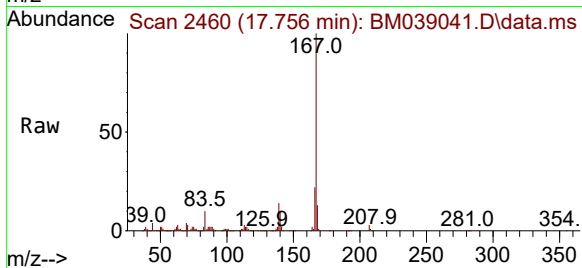
Tgt Ion:167 Resp: 375028

Ion Ratio Lower Upper

167 100

166 21.9 17.0 25.4

139 13.7 10.3 15.5



#74

Di-n-butylphthalate

Concen: 4.838 ng

RT: 18.327 min Scan# 2557

Delta R.T. -0.000 min

Lab File: BM039041.D

Acq: 20 Mar 2023 12:52

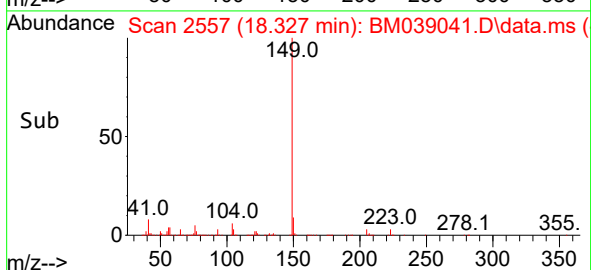
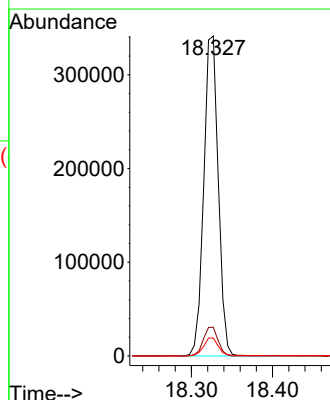
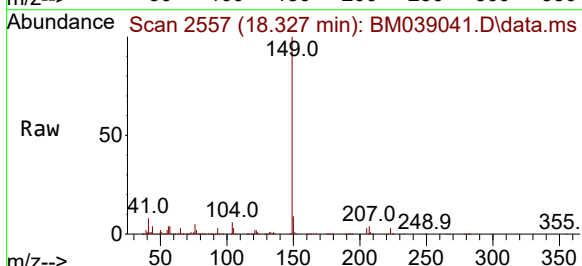
Tgt Ion:149 Resp: 422697

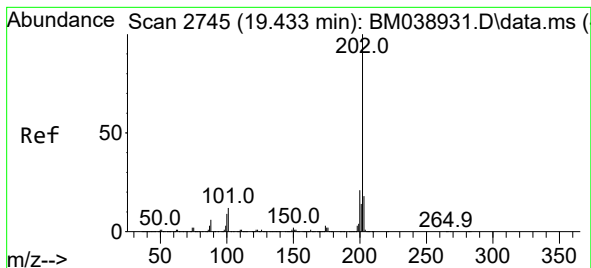
Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.2

104 5.6 4.3 6.5





#75

Fluoranthene

Concen: 3.516 ng

RT: 19.409 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM039041.D

Acq: 20 Mar 2023 12:52

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT1-2023

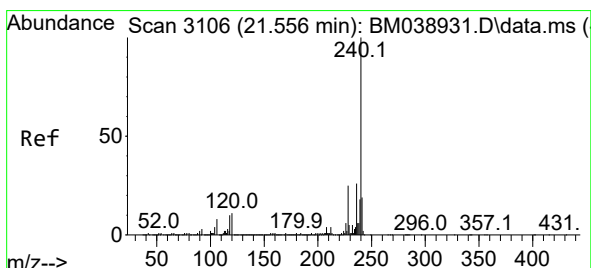
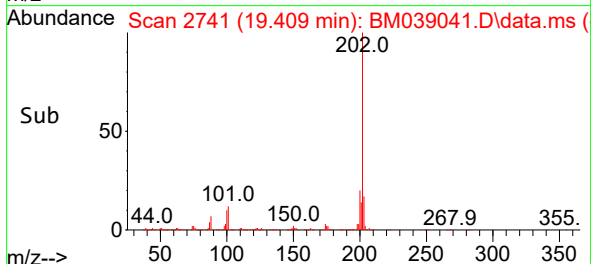
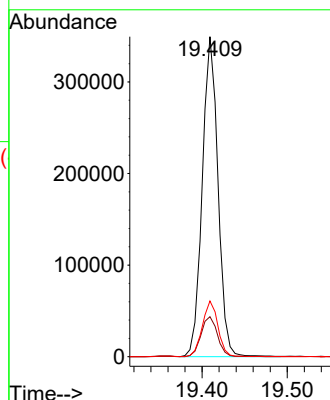
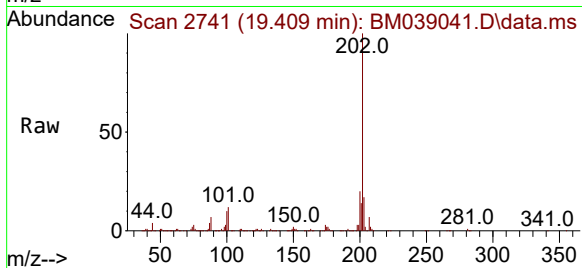
Tgt Ion:202 Resp: 447577

Ion Ratio Lower Upper

202 100

101 12.5 0.0 31.7

203 17.4 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.533 min Scan# 3102

Delta R.T. -0.006 min

Lab File: BM039041.D

Acq: 20 Mar 2023 12:52

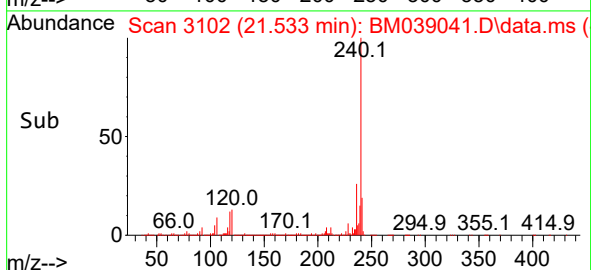
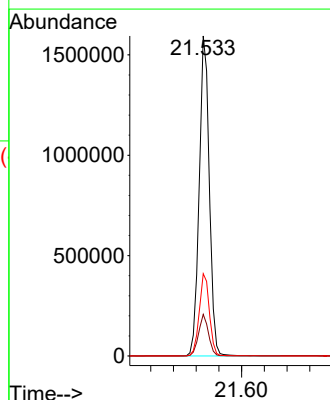
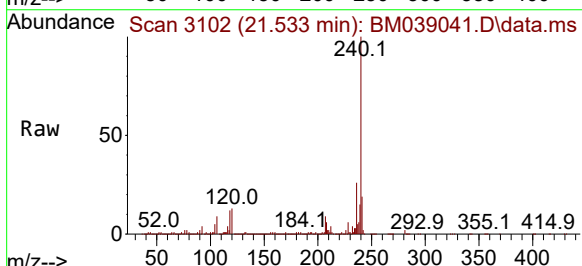
Tgt Ion:240 Resp: 1979175

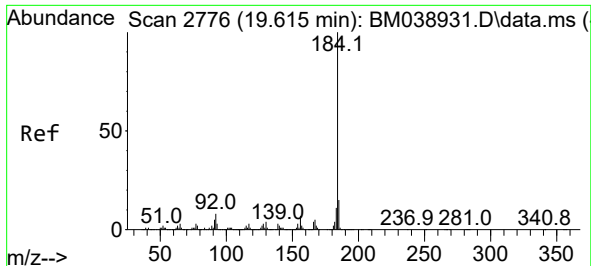
Ion Ratio Lower Upper

240 100

120 13.0 9.2 13.8

236 25.7 20.8 31.2

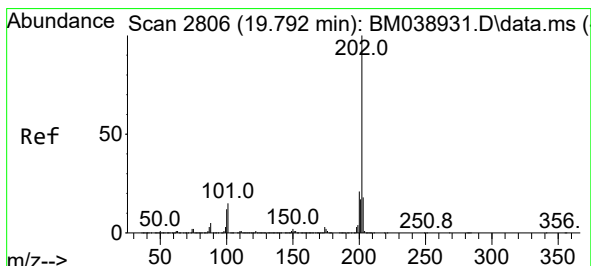
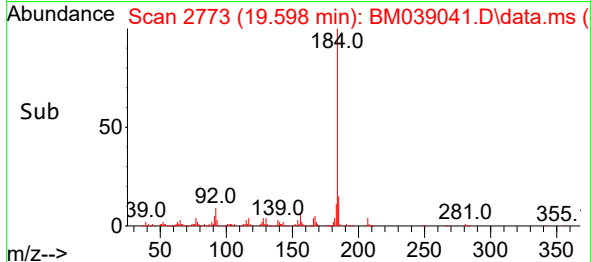
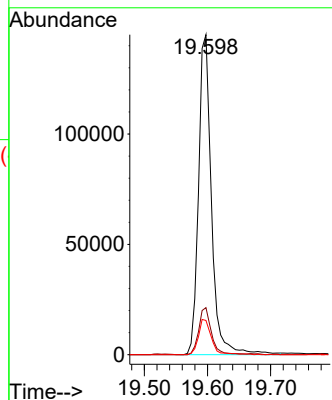
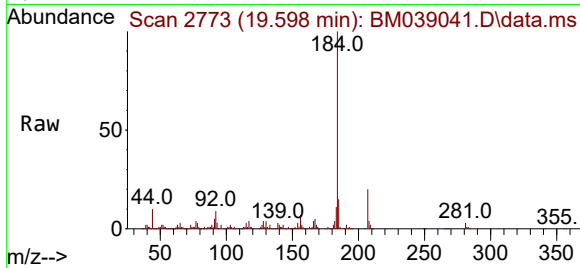




#77
Benzidine
Concen: 8.984 ng
RT: 19.598 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

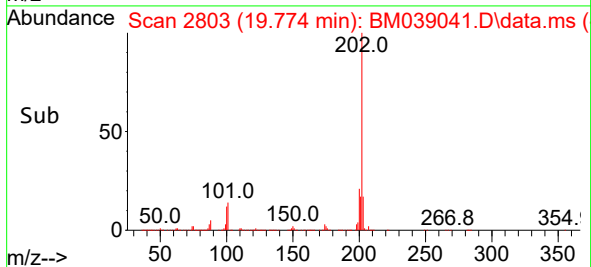
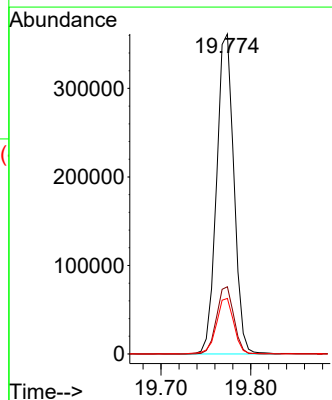
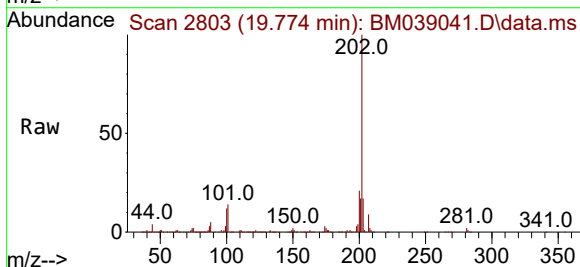
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2023

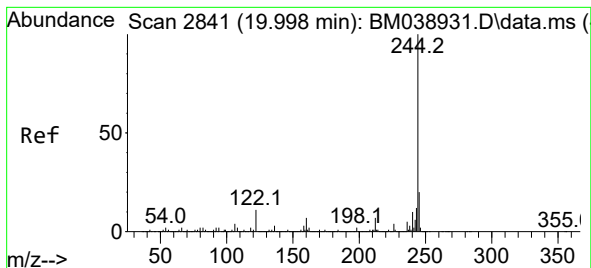
Tgt Ion:184 Resp: 206245
Ion Ratio Lower Upper
184 100
185 14.7 12.2 18.4
183 10.7 8.8 13.2



#78
Pyrene
Concen: 3.255 ng
RT: 19.774 min Scan# 2803
Delta R.T. -0.006 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

Tgt Ion:202 Resp: 483905
Ion Ratio Lower Upper
202 100
200 21.0 17.1 25.7
203 17.3 14.1 21.1





#79

Terphenyl-d14

Concen: 79.600 ng

RT: 19.980 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM039041.D

Acq: 20 Mar 2023 12:52

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT1-2023

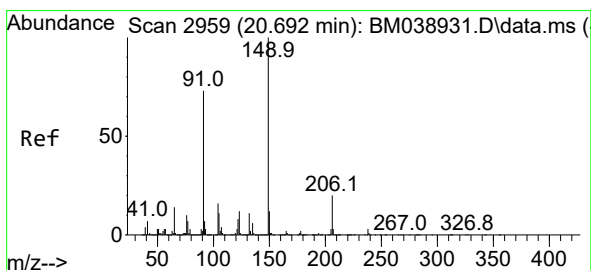
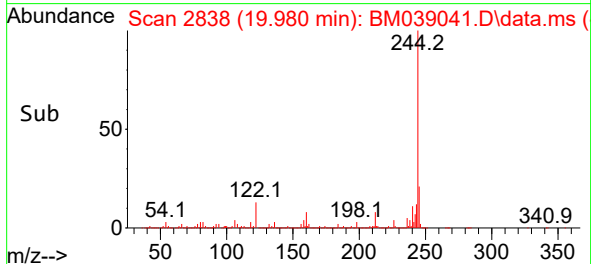
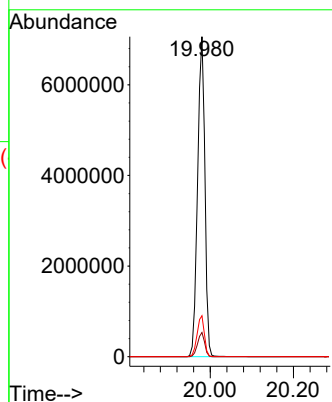
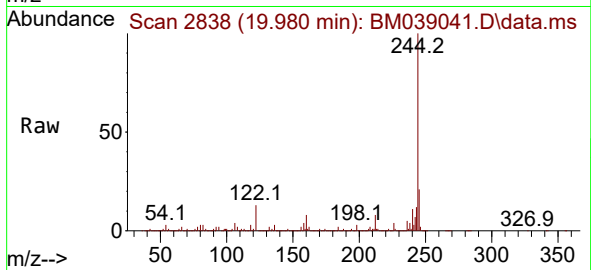
Tgt Ion:244 Resp: 8616686

Ion Ratio Lower Upper

244 100

212 7.6 5.5 8.3

122 12.8 9.0 13.4



#80

Butylbenzylphthalate

Concen: 6.000 ng

RT: 20.668 min Scan# 2955

Delta R.T. -0.006 min

Lab File: BM039041.D

Acq: 20 Mar 2023 12:52

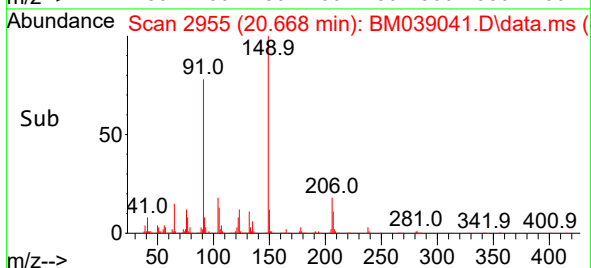
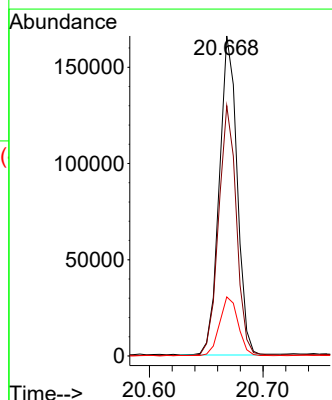
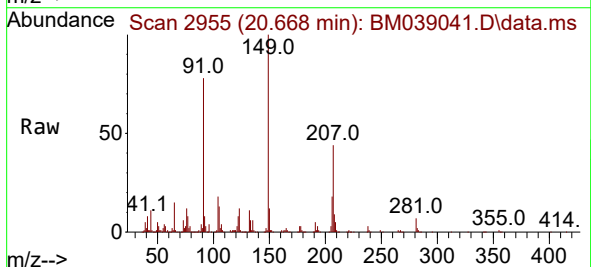
Tgt Ion:149 Resp: 182259

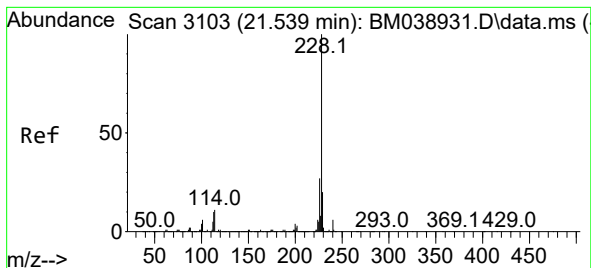
Ion Ratio Lower Upper

149 100

91 78.2 58.4 87.6

206 18.4 16.1 24.1





#81

Benzo(a)anthracene

Concen: 3.486 ng

RT: 21.515 min Scan# 30

Delta R.T. -0.012 min

Lab File: BM039041.D

Acq: 20 Mar 2023 12:52

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT1-2023

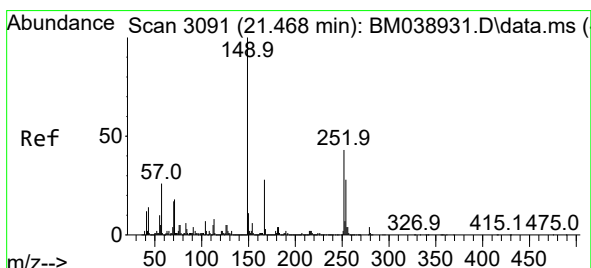
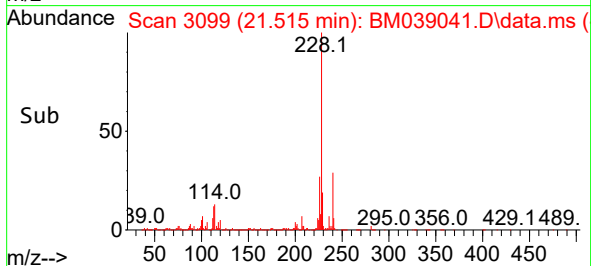
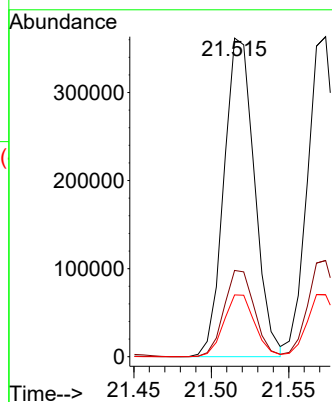
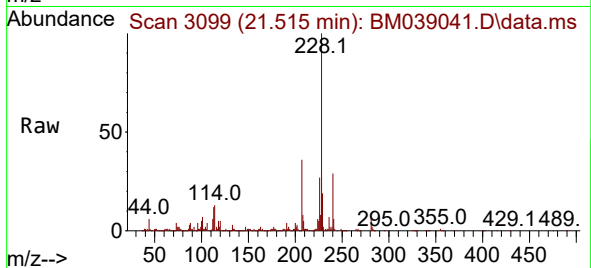
Tgt Ion:228 Resp: 496828

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: 3.789 ng

RT: 21.450 min Scan# 3088

Delta R.T. -0.006 min

Lab File: BM039041.D

Acq: 20 Mar 2023 12:52

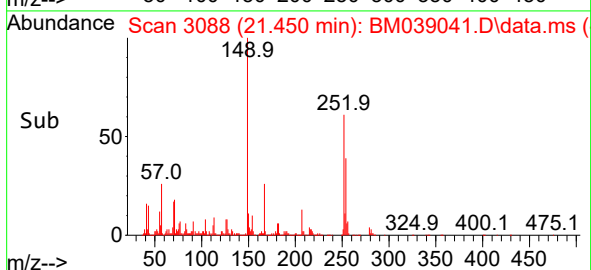
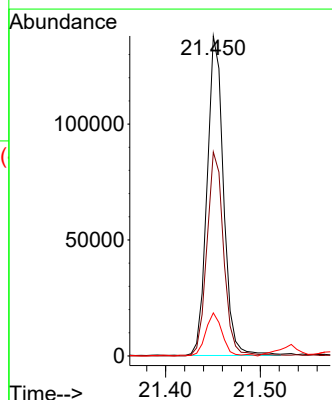
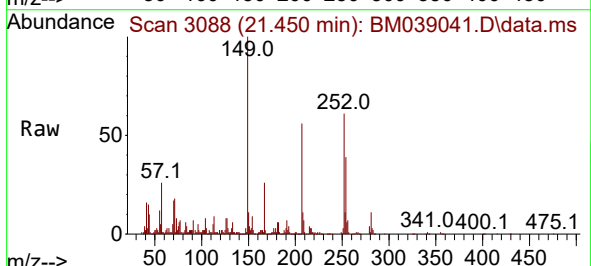
Tgt Ion:252 Resp: 165976

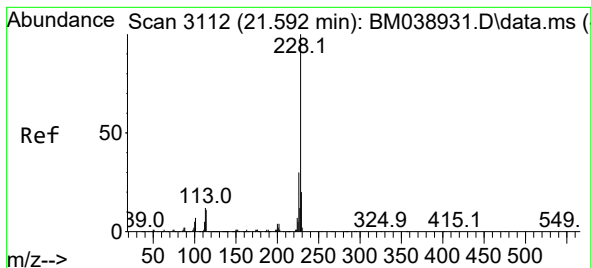
Ion Ratio Lower Upper

252 100

254 63.8 51.5 77.3

126 13.5 9.9 14.9





#83

Chrysene

Concen: 3.500 ng

RT: 21.574 min Scan# 3112

Delta R.T. -0.006 min

Lab File: BM039041.D

Acq: 20 Mar 2023 12:52

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT1-2023

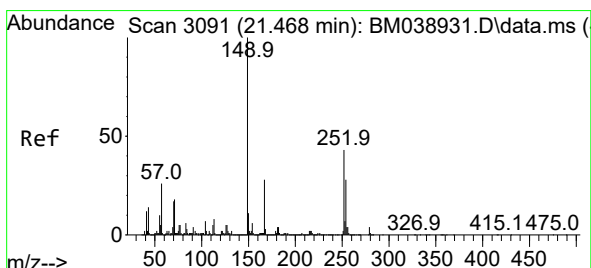
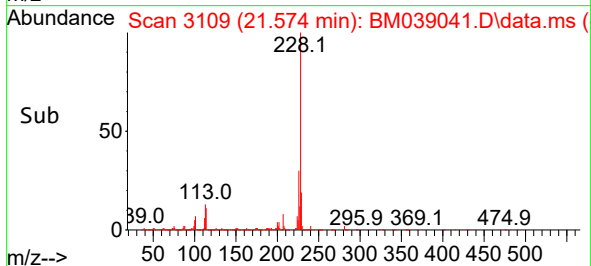
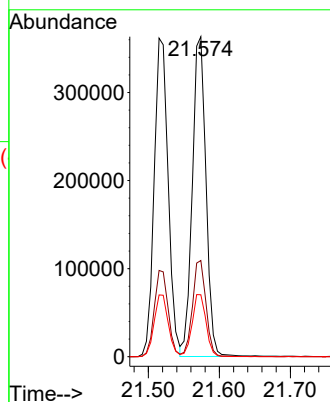
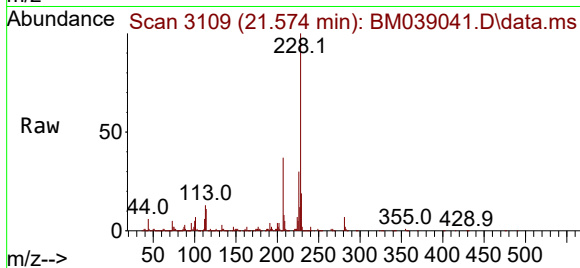
Tgt Ion:228 Resp: 485237

Ion Ratio Lower Upper

228 100

226 30.0 24.0 36.0

229 19.4 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 5.489 ng

RT: 21.444 min Scan# 3087

Delta R.T. -0.006 min

Lab File: BM039041.D

Acq: 20 Mar 2023 12:52

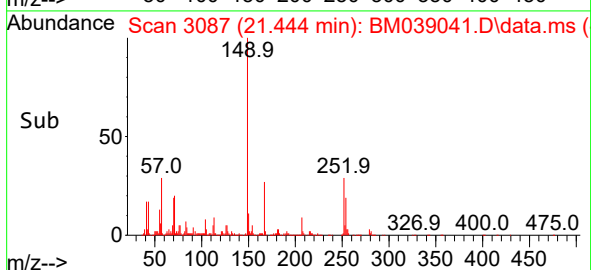
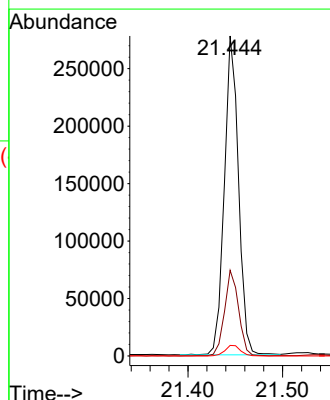
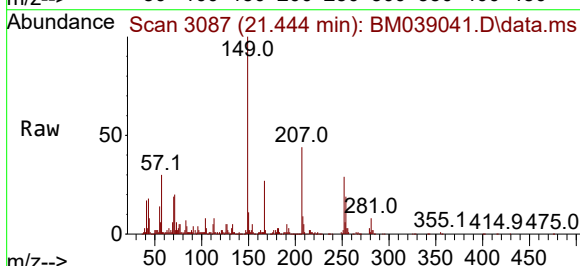
Tgt Ion:149 Resp: 289546

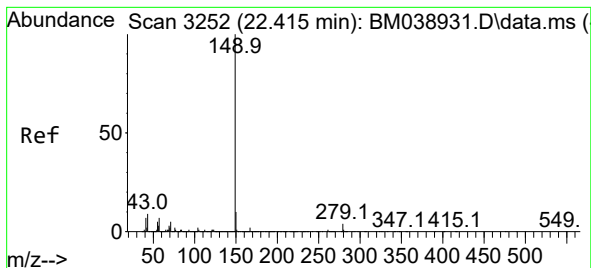
Ion Ratio Lower Upper

149 100

167 26.8 22.3 33.5

279 3.3 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 6.579 ng

RT: 22.386 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM039041.D

Acq: 20 Mar 2023 12:52

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT1-2023

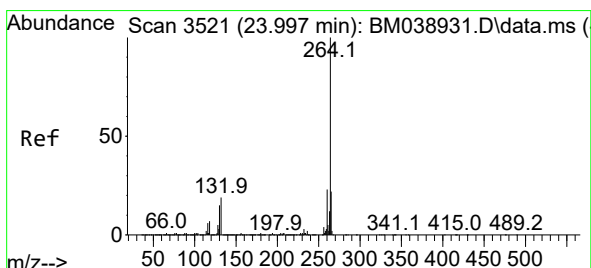
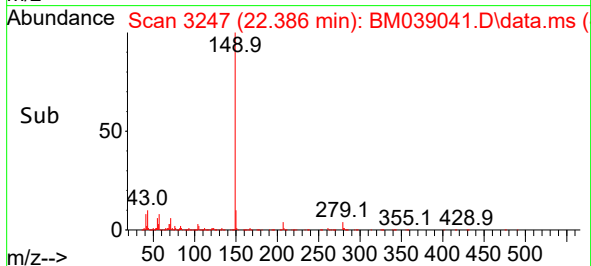
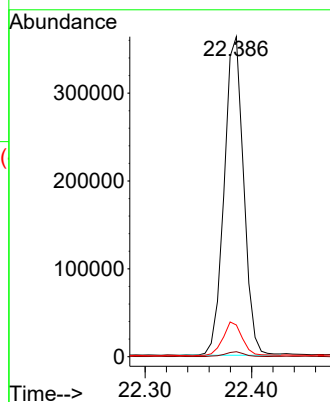
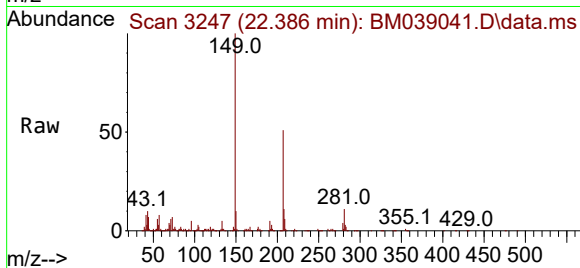
Tgt Ion:149 Resp: 458163

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

43 10.7 7.4 11.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.968 min Scan# 3516

Delta R.T. -0.012 min

Lab File: BM039041.D

Acq: 20 Mar 2023 12:52

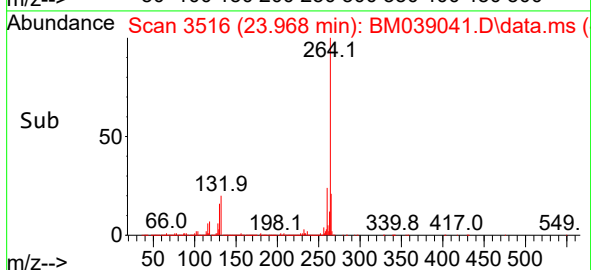
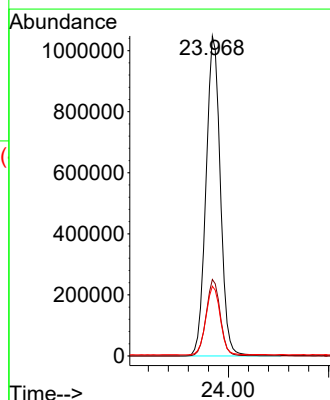
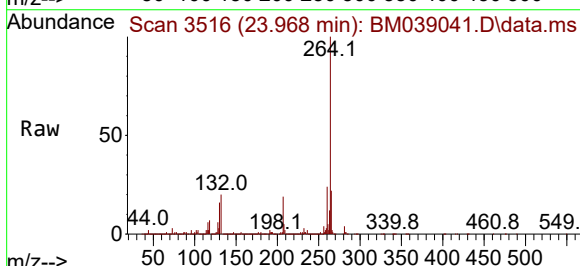
Tgt Ion:264 Resp: 2081936

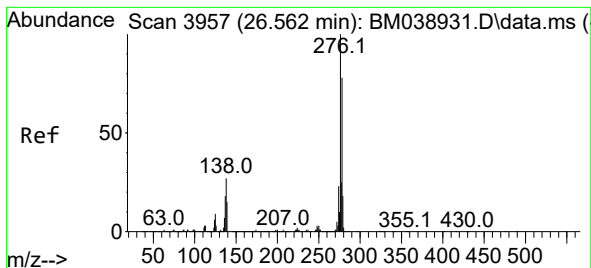
Ion Ratio Lower Upper

264 100

260 23.9 18.7 28.1

265 21.8 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.262 ng

RT: 26.497 min Scan# 3946

Delta R.T. -0.024 min

Lab File: BM039041.D

Acq: 20 Mar 2023 12:52

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT1-2023

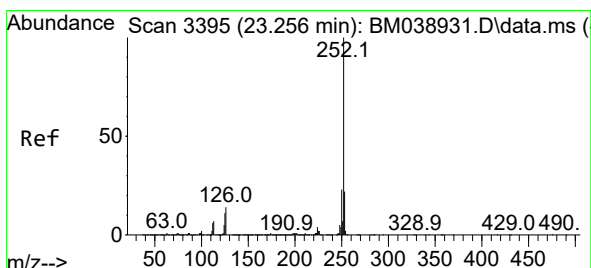
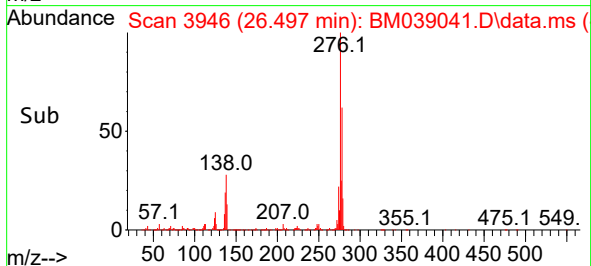
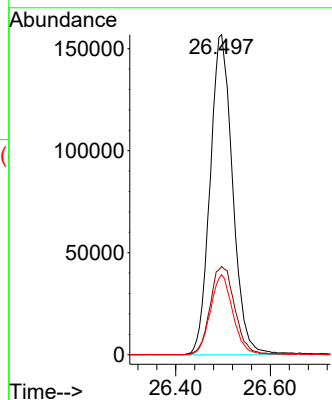
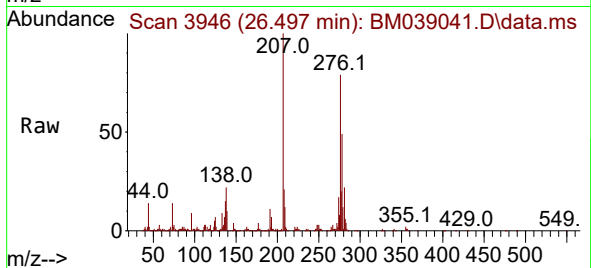
Tgt Ion:276 Resp: 516810

Ion Ratio Lower Upper

276 100

138 30.3 22.1 33.1

277 24.8 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 3.728 ng

RT: 23.221 min Scan# 3389

Delta R.T. -0.018 min

Lab File: BM039041.D

Acq: 20 Mar 2023 12:52

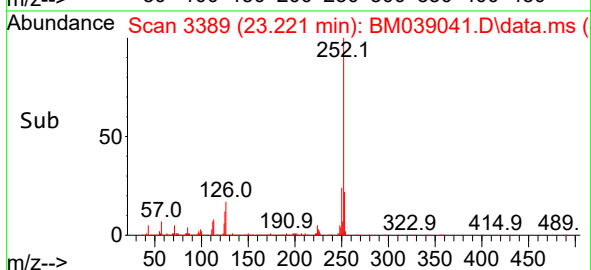
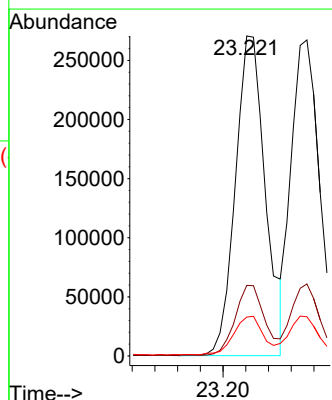
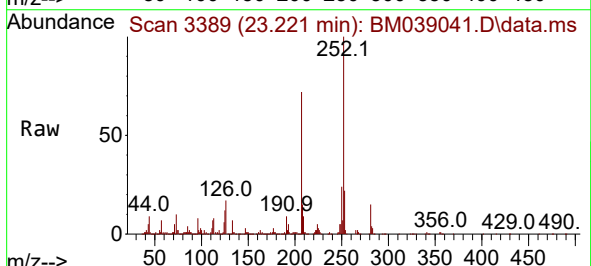
Tgt Ion:252 Resp: 495809

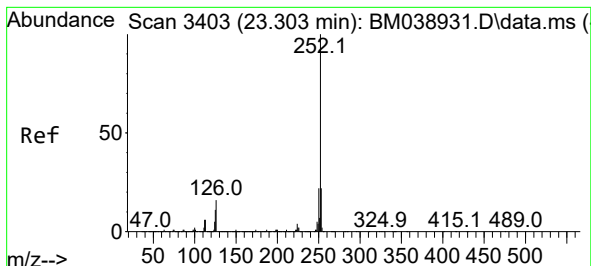
Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 12.2 8.8 13.2





#89

Benzo(k)fluoranthene

Concen: 3.361 ng

RT: 23.274 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM039041.D

Acq: 20 Mar 2023 12:52

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT1-2023

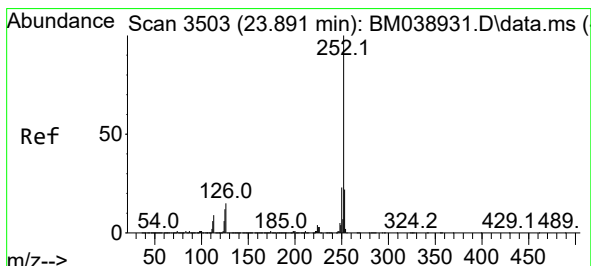
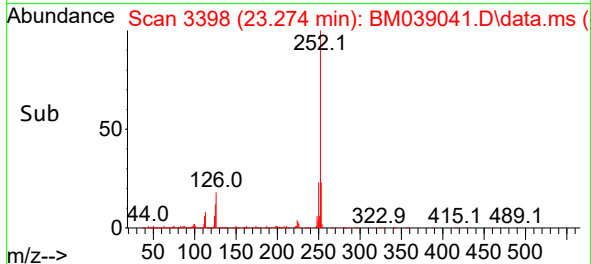
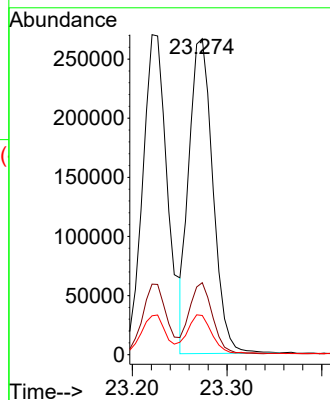
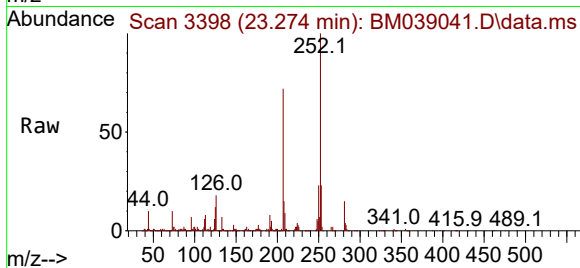
Tgt Ion:252 Resp: 465298

Ion Ratio Lower Upper

252 100

253 22.8 17.5 26.3

125 12.4 8.9 13.3



#90

Benzo(a)pyrene

Concen: 3.117 ng

RT: 23.862 min Scan# 3498

Delta R.T. -0.012 min

Lab File: BM039041.D

Acq: 20 Mar 2023 12:52

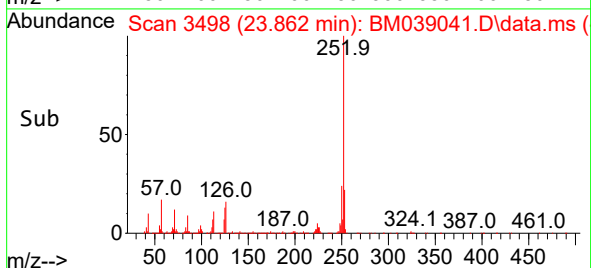
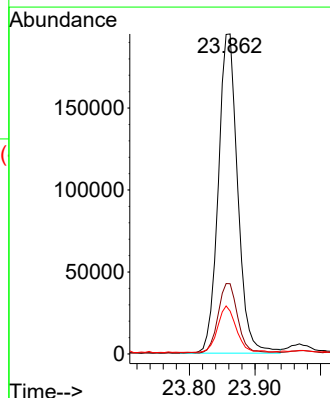
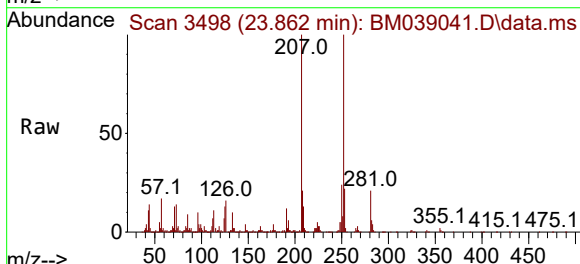
Tgt Ion:252 Resp: 398944

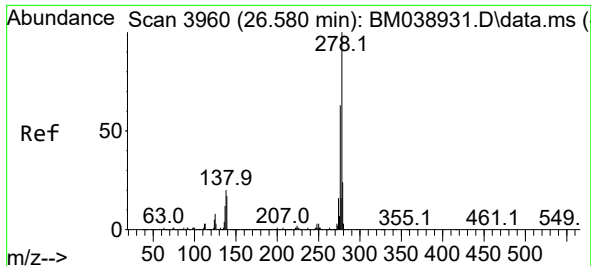
Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 13.4 9.8 14.8

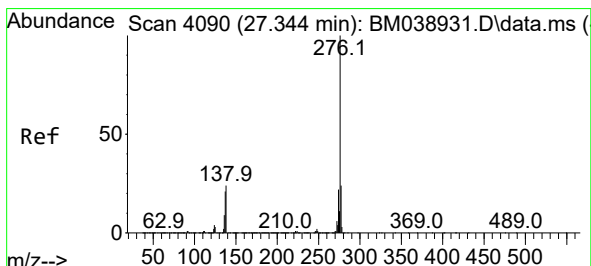
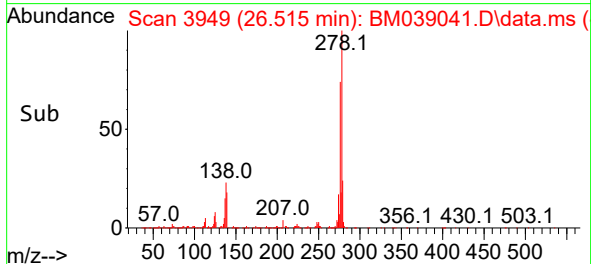
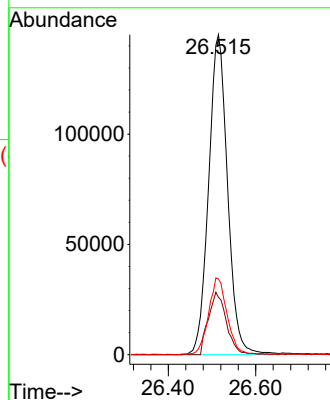
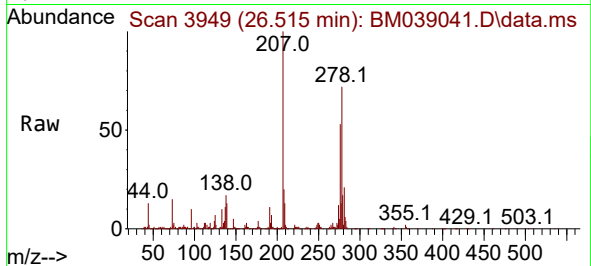




#91
Dibenzo(a,h)anthracene
Concen: 3.257 ng
RT: 26.515 min Scan# 3949
Delta R.T. -0.024 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2023

Tgt Ion:278 Resp: 436979
Ion Ratio Lower Upper
278 100
139 17.9 13.7 20.5
279 23.7 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 3.128 ng
RT: 27.273 min Scan# 4078
Delta R.T. -0.029 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

Tgt Ion:276 Resp: 410525
Ion Ratio Lower Upper
276 100
277 23.0 19.3 28.9
138 26.0 19.0 28.6

