

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012523\
 Data File : BM038531.D
 Acq On : 25 Jan 2023 14:05
 Operator : CG/JU
 Sample : N4955-09
 Misc : MDL-MDL-WATER 8ppm
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT4-2022

Quant Time: Jan 25 23:15:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 21 01:21:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	55709	20.000	ng	0.00
21) Naphthalene-d8	10.775	136	182787	20.000	ng	# 0.00
39) Acenaphthene-d10	14.598	164	117166	20.000	ng	0.00
64) Phenanthrene-d10	17.339	188	284001	20.000	ng	0.00
76) Chrysene-d12	21.515	240	328040	20.000	ng	0.00
86) Perylene-d12	23.927	264	398831	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	409255	121.444	ng	0.00
7) Phenol-d6	7.128	99	517680	120.402	ng	0.00
23) Nitrobenzene-d5	9.139	82	337196	80.108	ng	0.00
42) 2,4,6-Tribromophenol	16.086	330	244255	144.767	ng	0.00
45) 2-Fluorobiphenyl	13.227	172	767376	80.678	ng	0.00
79) Terphenyl-d14	19.956	244	1335351	79.359	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.375	88	13290	8.408	ng	100
3) Pyridine	3.804	79	24727	5.956	ng	96
4) n-Nitrosodimethylamine	3.710	42	14900	7.561	ng	# 98
6) Aniline	7.292	93	40960	7.675	ng	99
8) 2-Chlorophenol	7.522	128	28218	8.197	ng	94
9) Benzaldehyde	7.110	77	27378	10.735	ng	96
10) Phenol	7.157	94	35079	8.165	ng	94
11) bis(2-Chloroethyl)ether	7.392	93	26713	7.880	ng	96
12) 1,3-Dichlorobenzene	7.851	146	32542	8.315	ng	93
13) 1,4-Dichlorobenzene	7.998	146	32597	8.243	ng	99
14) 1,2-Dichlorobenzene	8.316	146	32232	8.415	ng	96
15) Benzyl Alcohol	8.216	79	24778	7.708	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.498	45	28509	8.008	ng	100
17) 2-Methylphenol	8.416	107	21371	7.028	ng	89
18) Hexachloroethane	9.039	117	12458	8.474	ng	92
19) n-Nitroso-di-n-propyla...	8.775	70	22226	7.430	ng	99
20) 3+4-Methylphenols	8.739	107	28359	6.958	ng	94
22) Acetophenone	8.798	105	42010	8.343	ng	# 96
24) Nitrobenzene	9.181	77	38075	8.940	ng	95
25) Isophorone	9.704	82	54700	7.875	ng	# 97
26) 2-Nitrophenol	9.892	139	12957	7.664	ng	97
27) 2,4-Dimethylphenol	9.945	122	20955	7.448	ng	97
28) bis(2-Chloroethoxy)met...	10.186	93	32819	8.076	ng	97
29) 2,4-Dichlorophenol	10.427	162	25280	7.659	ng	94
30) 1,2,4-Trichlorobenzene	10.633	180	31598	8.371	ng	98
31) Naphthalene	10.822	128	76153	7.669	ng	96
32) Benzoic acid	10.028	122	9013	9.204	ng	95
33) 4-Chloroaniline	10.945	127	30479	7.354	ng	95
34) Hexachlorobutadiene	11.098	225	21486	8.653	ng	98
35) Caprolactam	11.722	113	5271	6.587	ng	95
36) 4-Chloro-3-methylphenol	12.063	107	23235	7.741	ng	98
37) 2-Methylnaphthalene	12.433	142	52846	7.405	ng	95
38) 1-Methylnaphthalene	12.651	142	51218	7.610	ng	99
40) 1,2,4,5-Tetrachloroben...	12.792	216	36762	8.341	ng	97
41) Hexachlorocyclopentadiene	12.763	237	19664	8.118	ng	99
43) 2,4,6-Trichlorophenol	13.039	196	21627	7.665	ng	96

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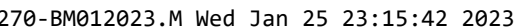
Instrument :
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 MDL-WATER-03-QT4-2022

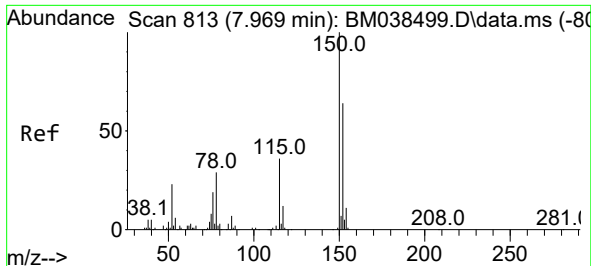
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.110	196	23959	7.250	ng	96
46) 1,1'-Biphenyl	13.433	154	76146	8.115	ng	98
47) 2-Chloronaphthalene	13.480	162	60082	8.202	ng	98
48) 2-Nitroaniline	13.692	65	14696	6.832	ng	94
49) Acenaphthylene	14.321	152	85624	7.471	ng	98
50) Dimethylphthalate	14.057	163	69852	7.745	ng	100
51) 2,6-Dinitrotoluene	14.186	165	14322	7.546	ng	96
52) Acenaphthene	14.663	154	52999	7.583	ng	97
53) 3-Nitroaniline	14.515	138	11802	6.257	ng	99
54) 2,4-Dinitrophenol	14.727	184	7463	9.584	ng	92
55) Dibenzofuran	14.998	168	93286	7.983	ng	99
56) 4-Nitrophenol	14.821	139	9383	6.041	ng	87
57) 2,4-Dinitrotoluene	14.974	165	18204	7.075	ng	# 95
58) Fluorene	15.639	166	73942	7.803	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.221	232	21038	7.789	ng	99
60) Diethylphthalate	15.410	149	68194	7.721	ng	100
61) 4-Chlorophenyl-phenyle...	15.633	204	41098	8.261	ng	99
62) 4-Nitroaniline	15.674	138	12319	8.666	ng	# 80
63) Azobenzene	15.927	77	70665	7.551	ng	98
65) 4,6-Dinitro-2-methylph...	15.727	198	11633	6.310	ng	92
66) n-Nitrosodiphenylamine	15.851	169	60861	7.138	ng	95
67) 4-Bromophenyl-phenylether	16.527	248	24691	7.838	ng	95
68) Hexachlorobenzene	16.645	284	29957	8.813	ng	96
69) Atrazine	16.798	200	23363	8.214	ng	96
70) Pentachlorophenol	16.992	266	16192	6.690	ng	97
71) Phenanthrene	17.380	178	123351	7.778	ng	99
72) Anthracene	17.474	178	118618	7.350	ng	98
73) Carbazole	17.751	167	104972	7.386	ng	99
74) Di-n-butylphthalate	18.298	149	109406	7.007	ng	99
75) Fluoranthene	19.392	202	148969	7.815	ng	98
77) Benzidine	19.586	184	68301	9.137	ng	98
78) Pyrene	19.756	202	161491	7.070	ng	100
80) Butylbenzylphthalate	20.644	149	49612	6.281	ng	94
81) Benzo(a)anthracene	21.497	228	181198	7.795	ng	99
82) 3,3'-Dichlorobenzidine	21.433	252	63924	8.562	ng	# 98
83) Chrysene	21.550	228	174027	7.656	ng	100
84) Bis(2-ethylhexyl)phtha...	21.409	149	74891	6.542	ng	95
85) Di-n-octyl phthalate	22.338	149	131938	6.482	ng	99
87) Indeno(1,2,3-cd)pyrene	26.438	276	220797	7.481	ng	98
88) Benzo(b)fluoranthene	23.185	252	191766	7.971	ng	97
89) Benzo(k)fluoranthene	23.233	252	196079	7.876	ng	98
90) Benzo(a)pyrene	23.815	252	170436	7.145	ng	# 96
91) Dibenzo(a,h)anthracene	26.444	278	190624	7.760	ng	98
92) Benzo(g,h,i)perylene	27.209	276	196882	7.824	ng	97

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

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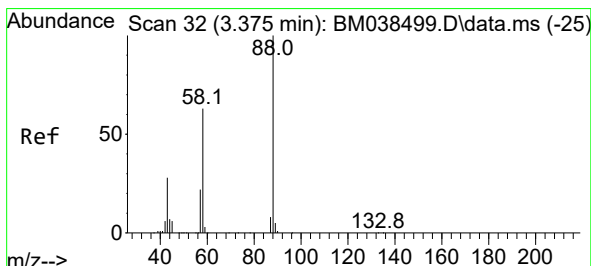
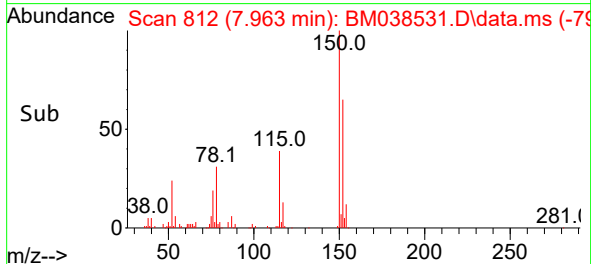
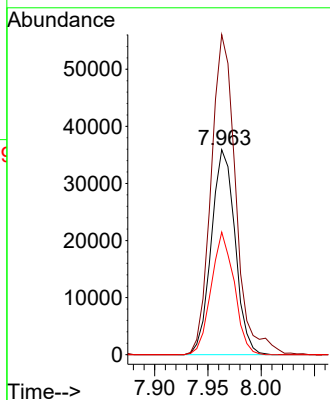
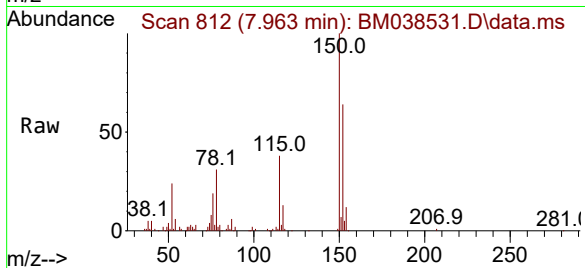




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM038531.D
Acq: 25 Jan 2023 14:05

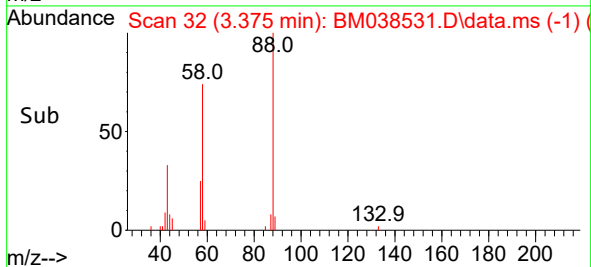
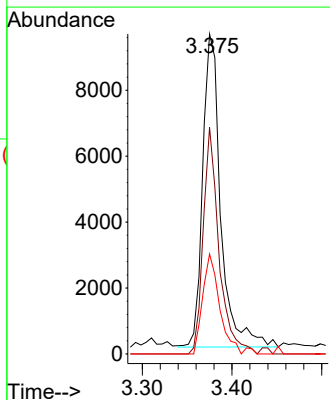
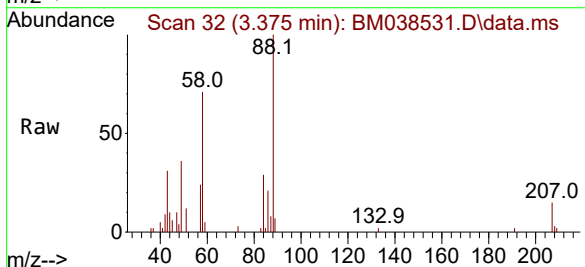
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2022

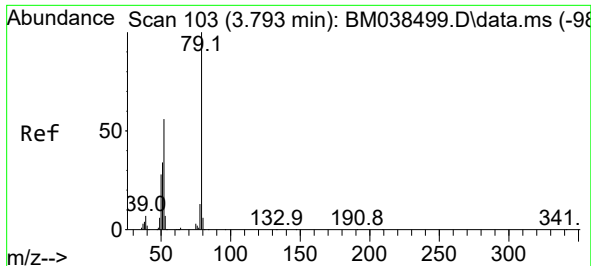
Tgt Ion:152 Resp: 55709
Ion Ratio Lower Upper
152 100
150 156.2 124.2 186.4
115 59.8 44.8 67.2



#2
1,4-Dioxane
Concen: 8.408 ng
RT: 3.375 min Scan# 32
Delta R.T. -0.000 min
Lab File: BM038531.D
Acq: 25 Jan 2023 14:05

Tgt Ion: 88 Resp: 13290
Ion Ratio Lower Upper
88 100
58 63.1 50.5 75.7
43 30.5 23.9 35.9





#3

Pyridine

Concen: 5.956 ng

RT: 3.804 min Scan# 105

Delta R.T. 0.012 min

Lab File: BM038531.D

Acq: 25 Jan 2023 14:05

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2022

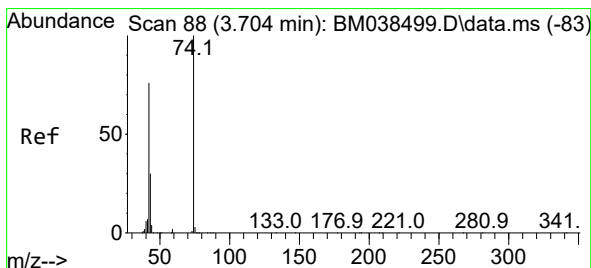
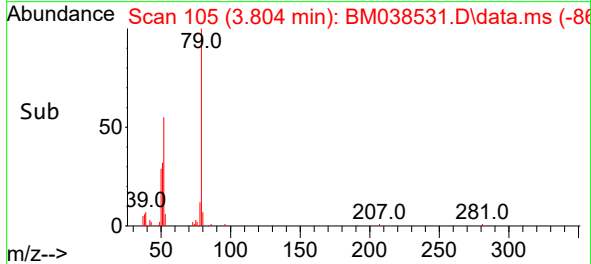
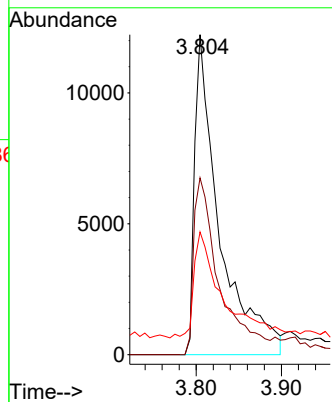
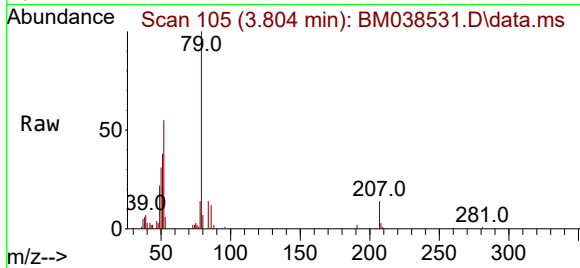
Tgt Ion: 79 Resp: 24727

Ion Ratio Lower Upper

79 100

52 55.2 45.0 67.4

51 38.3 27.1 40.7



#4

n-Nitrosodimethylamine

Concen: 7.561 ng

RT: 3.710 min Scan# 89

Delta R.T. 0.006 min

Lab File: BM038531.D

Acq: 25 Jan 2023 14:05

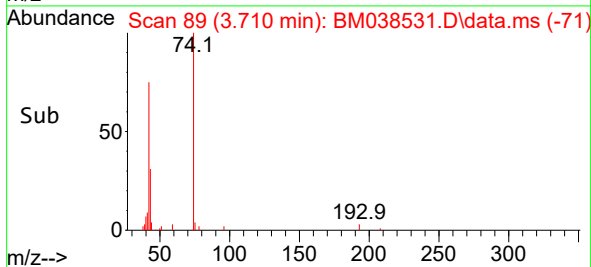
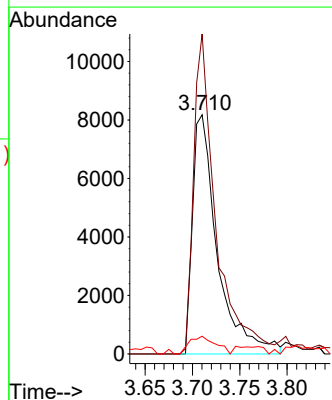
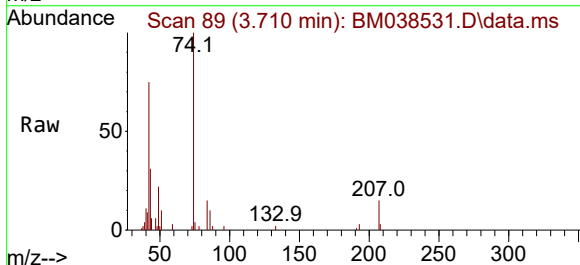
Tgt Ion: 42 Resp: 14900

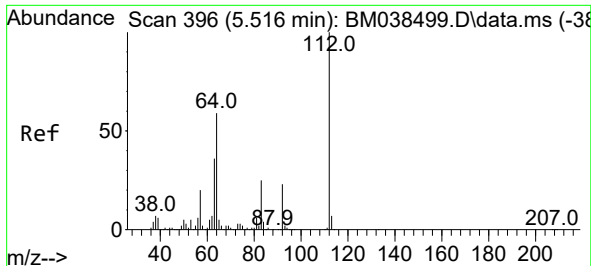
Ion Ratio Lower Upper

42 100

74 133.8 105.0 157.4

44 7.4 4.1 6.1

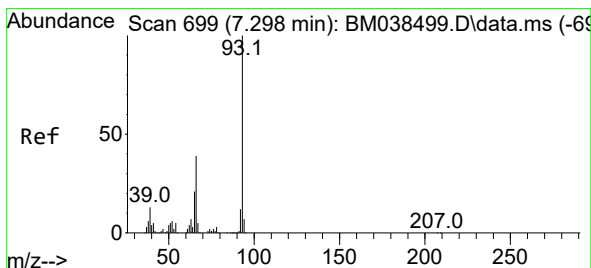
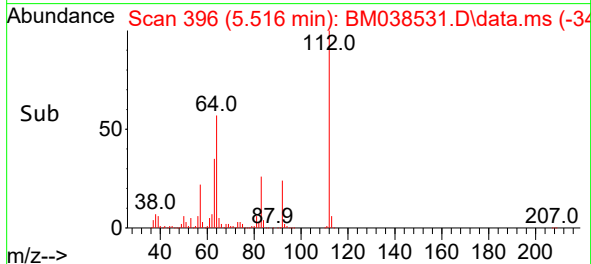
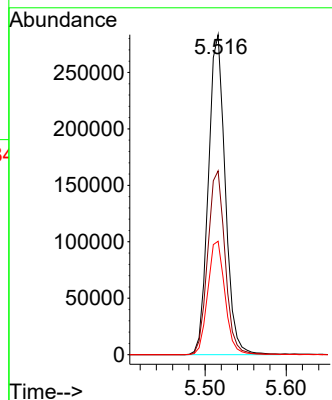
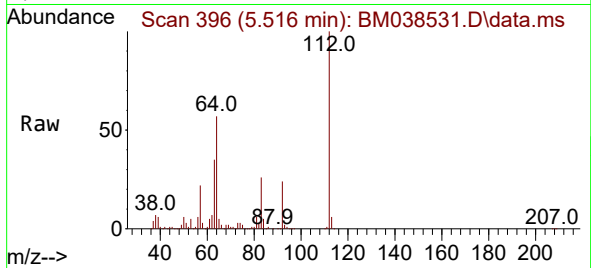




#5
2-Fluorophenol
Concen: 121.444 ng
RT: 5.516 min Scan# 396
Delta R.T. -0.000 min
Lab File: BM038531.D
Acq: 25 Jan 2023 14:05

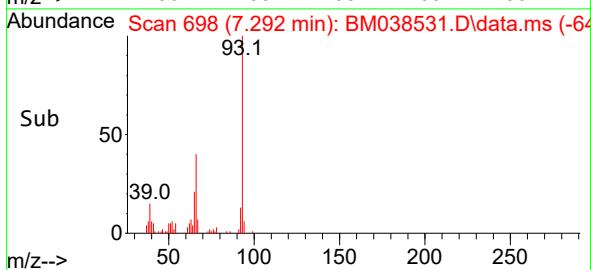
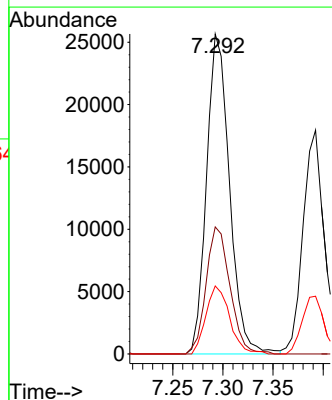
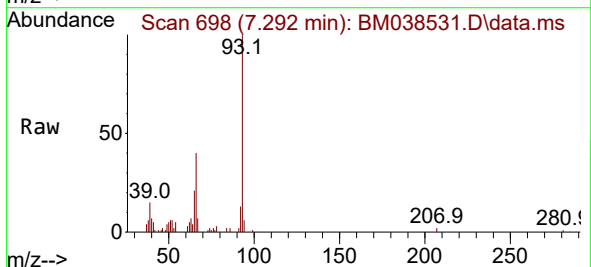
Instrument :
BNA_M
ClientSampleId :
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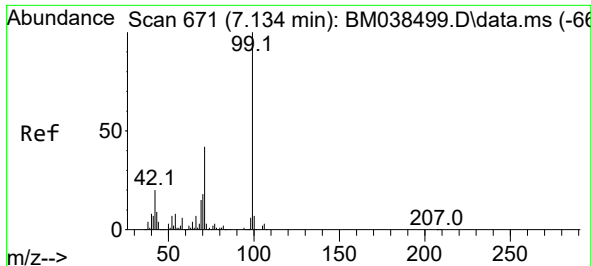
Tgt Ion:112 Resp: 409255
Ion Ratio Lower Upper
112 100
64 57.4 47.3 70.9
63 35.5 28.8 43.2



#6
Aniline
Concen: 7.675 ng
RT: 7.292 min Scan# 698
Delta R.T. -0.006 min
Lab File: BM038531.D
Acq: 25 Jan 2023 14:05

Tgt Ion: 93 Resp: 40960
Ion Ratio Lower Upper
93 100
66 39.7 31.6 47.4
65 21.3 16.6 24.8

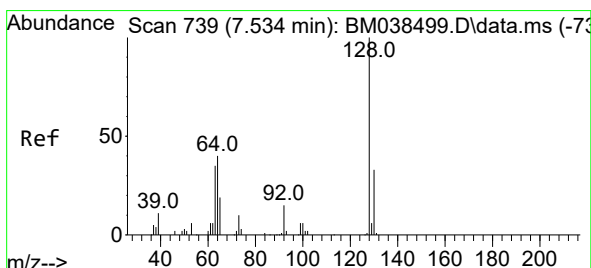
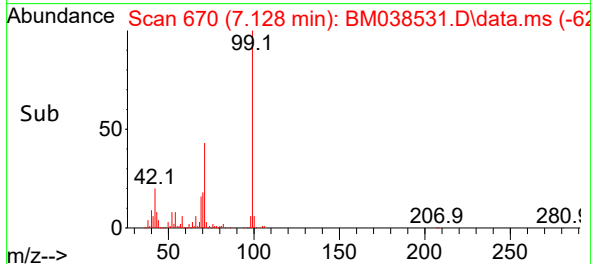
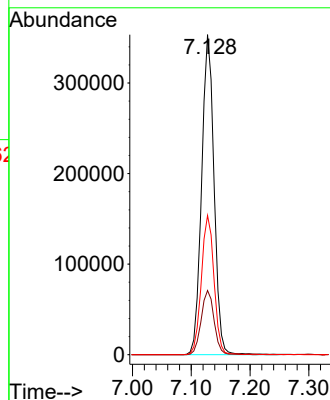
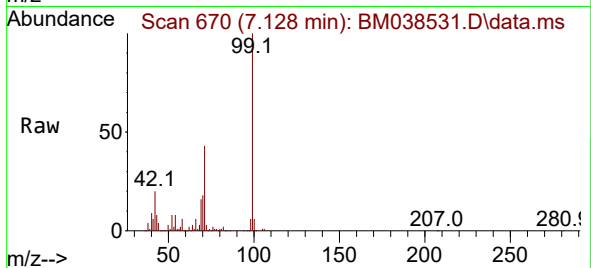




#7
Phenol-d6
Concen: 120.402 ng
RT: 7.128 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM038531.D
Acq: 25 Jan 2023 14:05

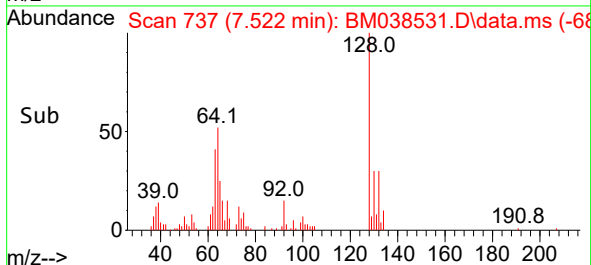
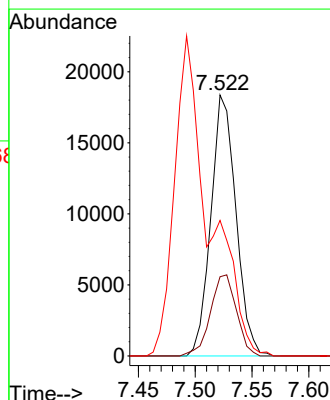
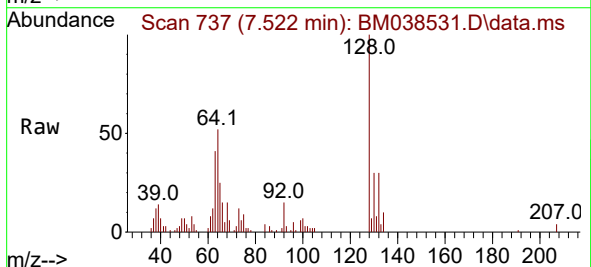
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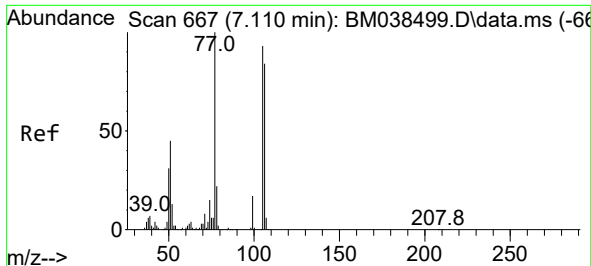
Tgt Ion: 99 Resp: 517680
Ion Ratio Lower Upper
99 100
42 20.1 16.0 24.0
71 43.5 33.8 50.6



#8
2-Chlorophenol
Concen: 8.197 ng
RT: 7.522 min Scan# 737
Delta R.T. -0.012 min
Lab File: BM038531.D
Acq: 25 Jan 2023 14:05

Tgt Ion: 128 Resp: 28218
Ion Ratio Lower Upper
128 100
130 30.4 13.2 53.2
64 51.9 27.7 67.7

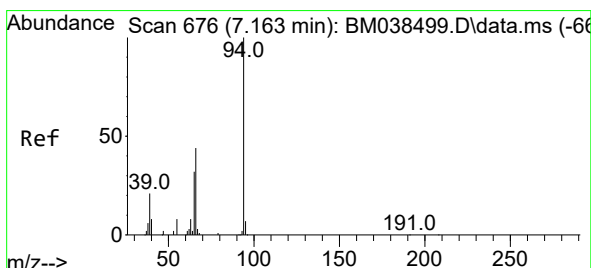
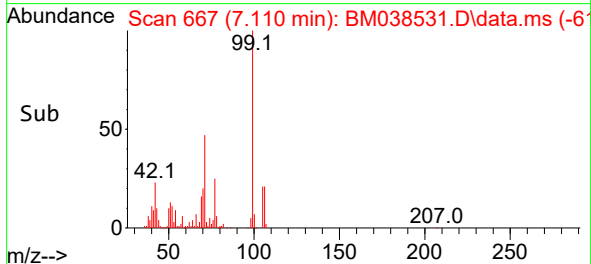
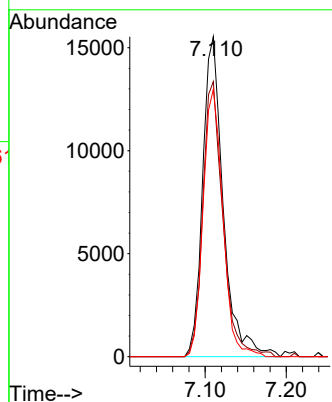
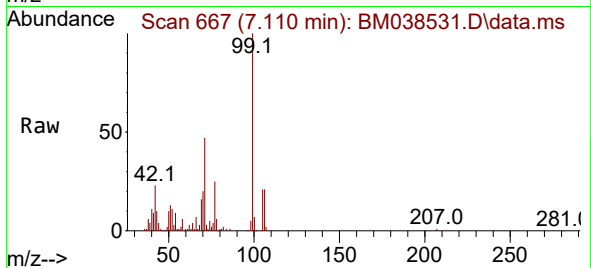




#9
Benzaldehyde
Concen: 10.735 ng
RT: 7.110 min Scan# 667
Delta R.T. 0.000 min
Lab File: BM038531.D
Acq: 25 Jan 2023 14:05

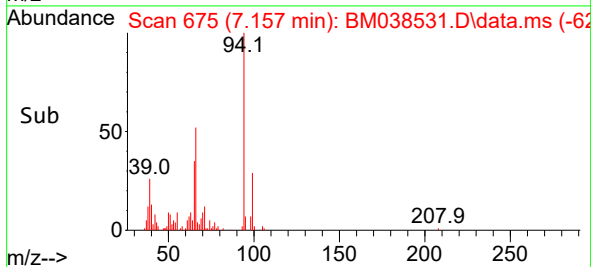
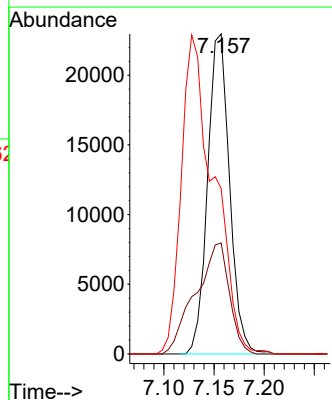
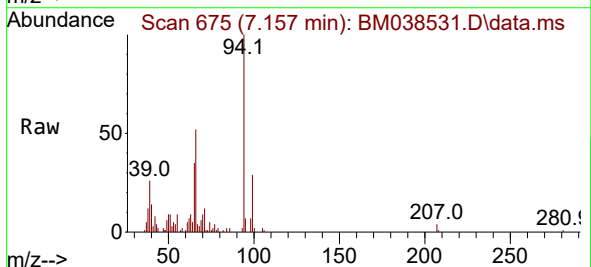
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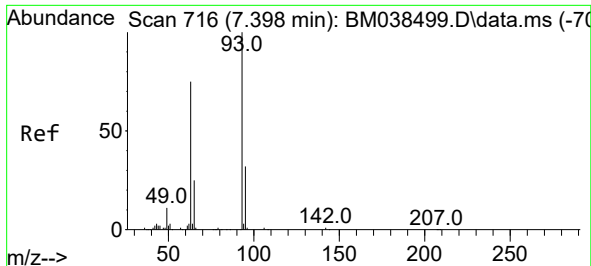
Tgt Ion: 77 Resp: 27378
Ion Ratio Lower Upper
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105 85.9 72.9 112.9
106 83.6 63.8 103.8



#10
Phenol
Concen: 8.165 ng
RT: 7.157 min Scan# 675
Delta R.T. -0.006 min
Lab File: BM038531.D
Acq: 25 Jan 2023 14:05

Tgt Ion: 94 Resp: 35079
Ion Ratio Lower Upper
94 100
65 34.7 12.7 52.7
66 51.7 26.0 66.0

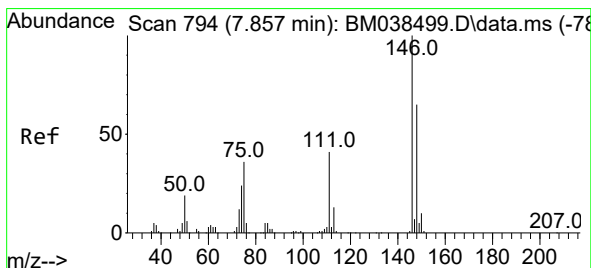
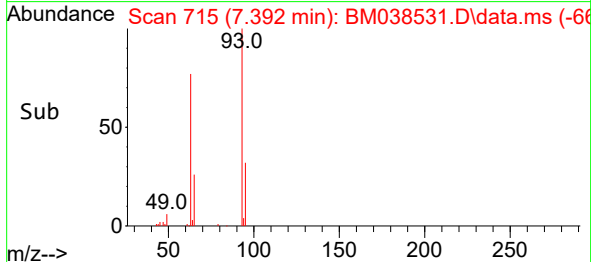
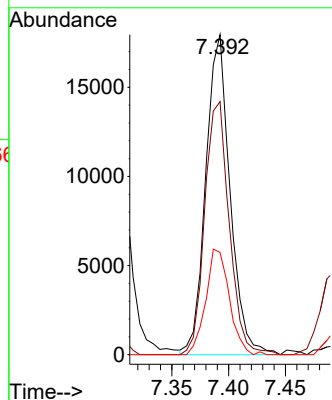
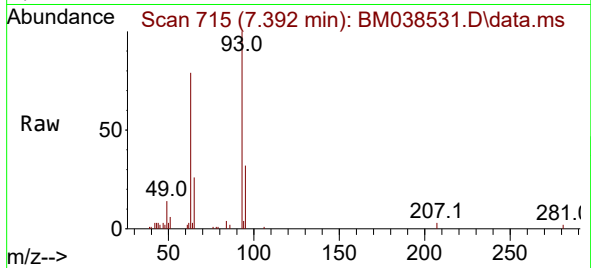




#11
bis(2-Chloroethyl)ether
Concen: 7.880 ng
RT: 7.392 min Scan# 716
Delta R.T. -0.006 min
Lab File: BM038531.D
Acq: 25 Jan 2023 14:05

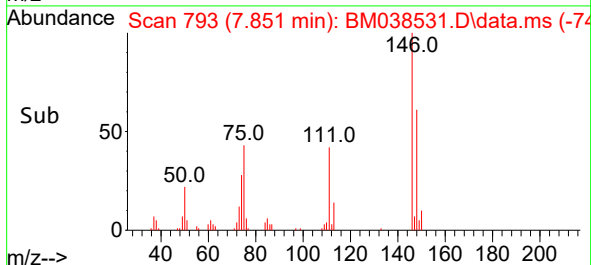
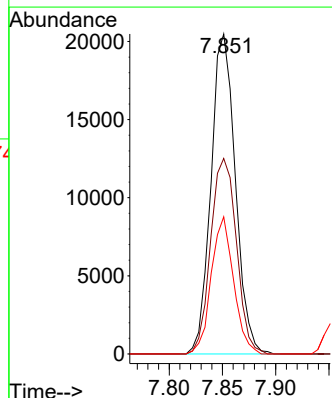
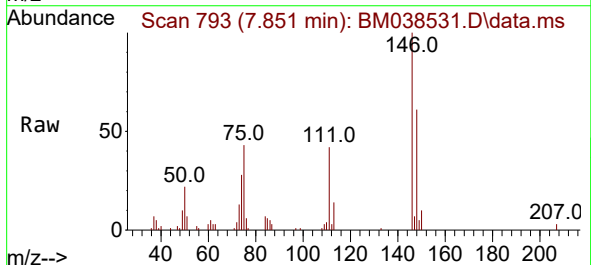
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2022

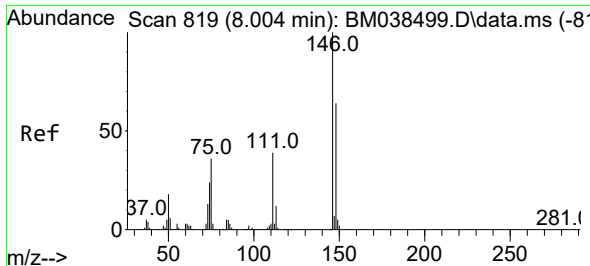
Tgt Ion: 93 Resp: 26713
Ion Ratio Lower Upper
93 100
63 79.1 54.4 94.4
95 32.0 11.4 51.4



#12
1,3-Dichlorobenzene
Concen: 8.315 ng
RT: 7.851 min Scan# 793
Delta R.T. -0.006 min
Lab File: BM038531.D
Acq: 25 Jan 2023 14:05

Tgt Ion: 146 Resp: 32542
Ion Ratio Lower Upper
146 100
148 61.1 52.1 78.1
75 42.9 28.7 43.1





#13

1,4-Dichlorobenzene

Concen: 8.243 ng

RT: 7.998 min Scan# 819

Delta R.T. -0.006 min

Lab File: BM038531.D

Acq: 25 Jan 2023 14:05

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2022

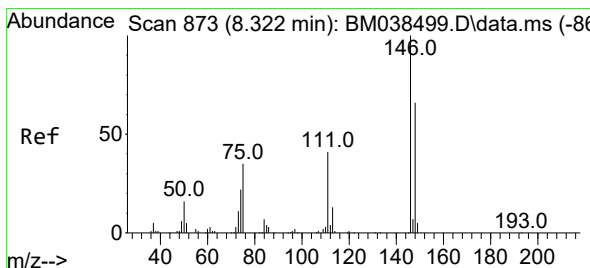
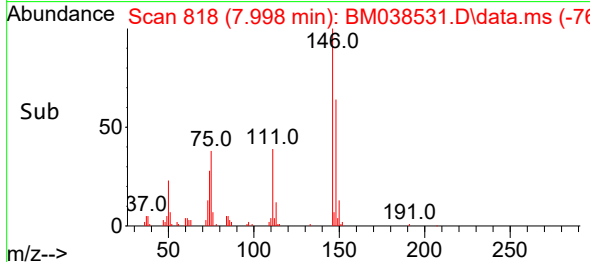
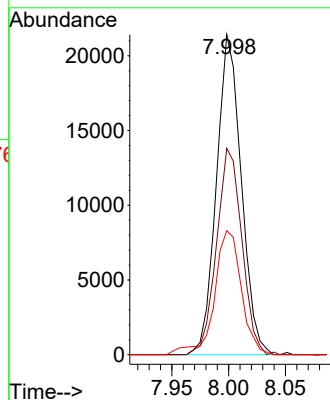
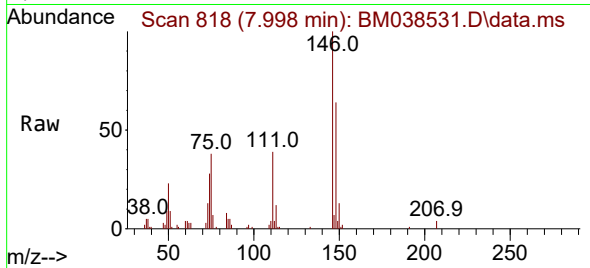
Tgt Ion:146 Resp: 32597

Ion Ratio Lower Upper

146 100

148 64.4 51.3 76.9

111 38.8 31.4 47.0



#14

1,2-Dichlorobenzene

Concen: 8.415 ng

RT: 8.316 min Scan# 872

Delta R.T. -0.006 min

Lab File: BM038531.D

Acq: 25 Jan 2023 14:05

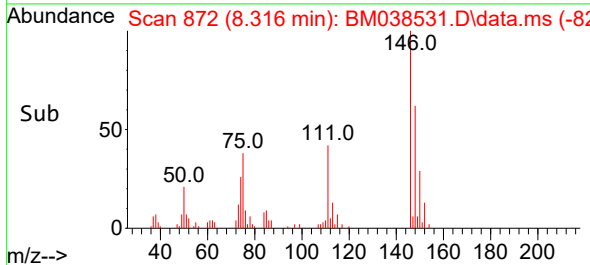
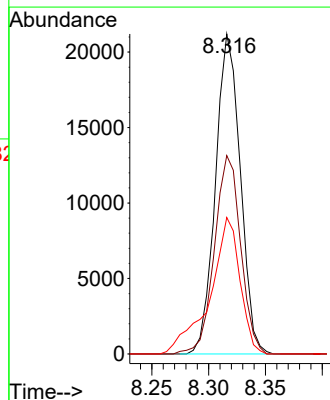
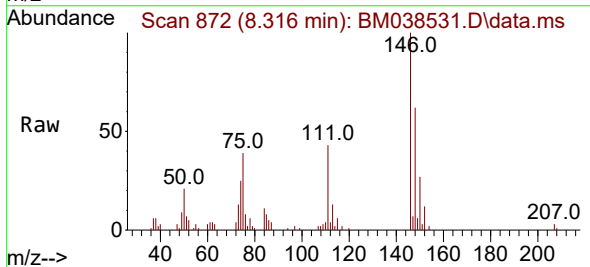
Tgt Ion:146 Resp: 32232

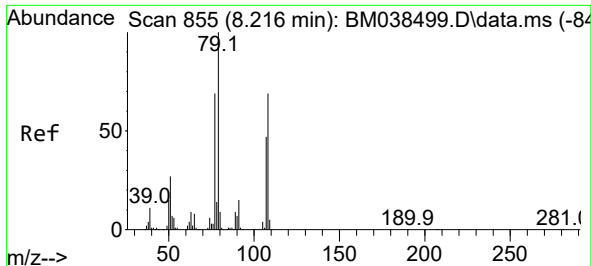
Ion Ratio Lower Upper

146 100

148 62.0 52.7 79.1

111 42.7 33.2 49.8

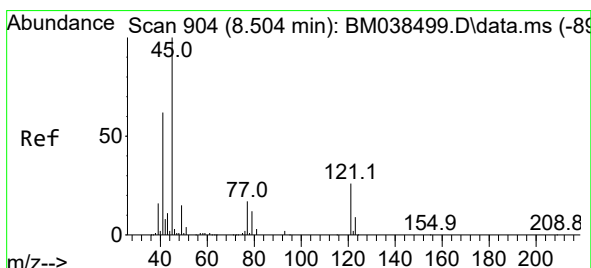
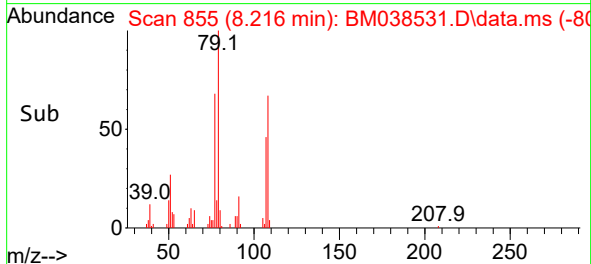
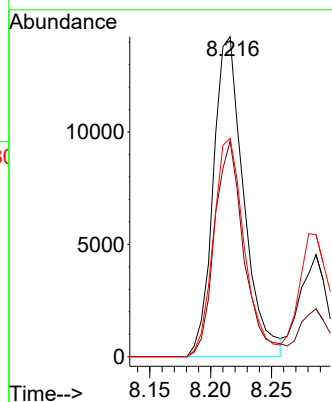
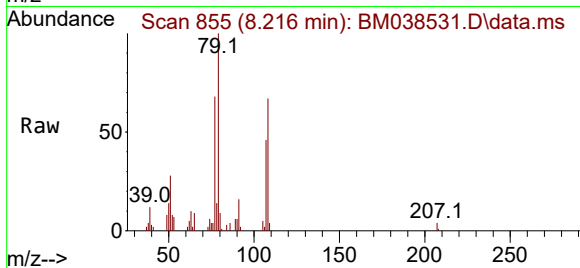




#15
Benzyl Alcohol
Concen: 7.708 ng
RT: 8.216 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM038531.D
Acq: 25 Jan 2023 14:05

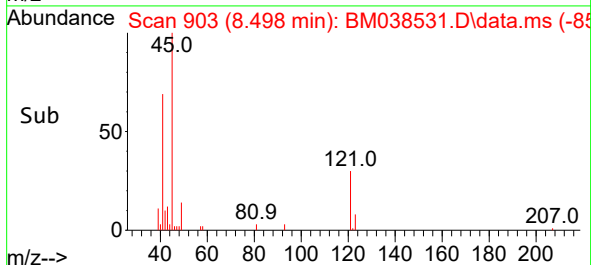
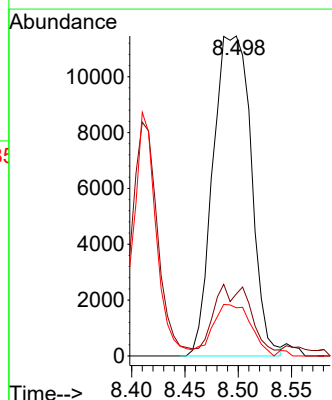
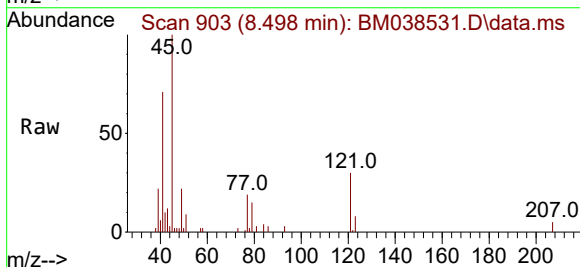
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2022

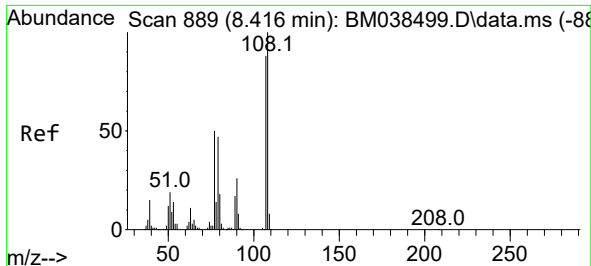
Tgt Ion: 79 Resp: 24778
Ion Ratio Lower Upper
79 100
108 67.4 55.0 82.6
77 68.3 55.0 82.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 8.008 ng
RT: 8.498 min Scan# 903
Delta R.T. -0.006 min
Lab File: BM038531.D
Acq: 25 Jan 2023 14:05

Tgt Ion: 45 Resp: 28509
Ion Ratio Lower Upper
45 100
77 19.4 0.0 39.2
79 15.1 0.0 34.9

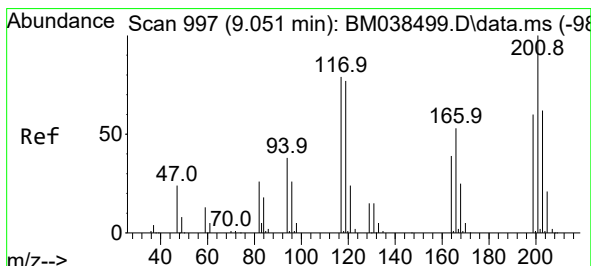
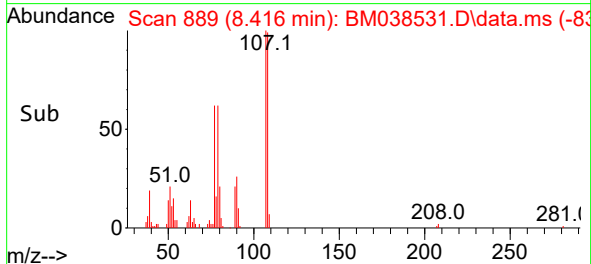
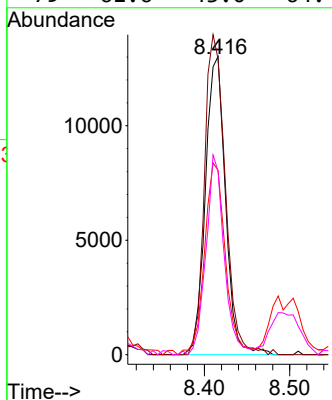
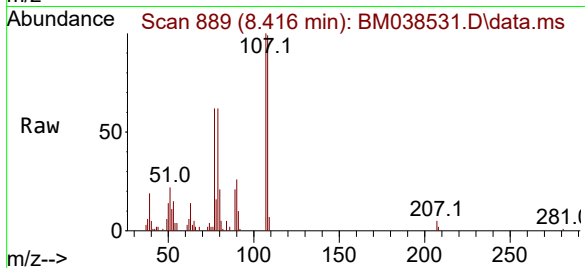




#17
2-Methylphenol
Concen: 7.028 ng
RT: 8.416 min Scan# 889
Delta R.T. -0.000 min
Lab File: BM038531.D
Acq: 25 Jan 2023 14:05

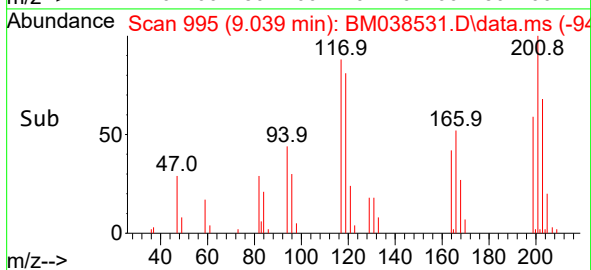
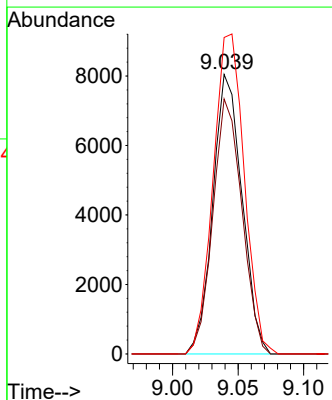
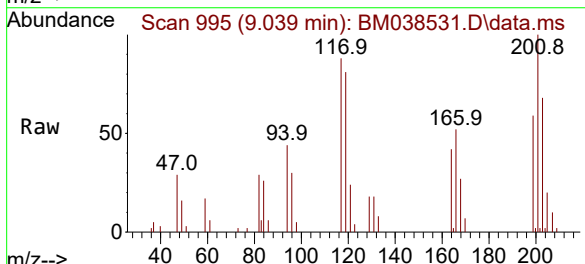
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2022

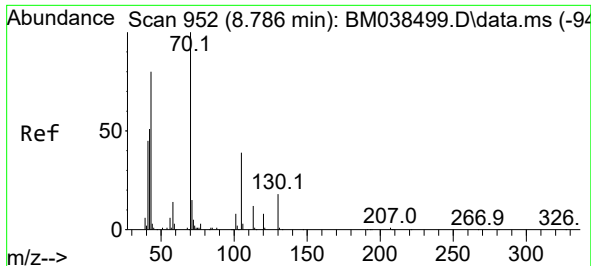
Tgt Ion:	107	Resp:	21371
Ion	Ratio	Lower	Upper
107	100		
108	99.2	90.8	136.2
77	61.9	46.1	69.1
79	61.6	43.0	64.4



#18
Hexachloroethane
Concen: 8.474 ng
RT: 9.039 min Scan# 995
Delta R.T. -0.012 min
Lab File: BM038531.D
Acq: 25 Jan 2023 14:05

Tgt Ion:	117	Resp:	12458
Ion	Ratio	Lower	Upper
117	100		
119	91.2	77.9	116.9
201	115.5	100.6	151.0

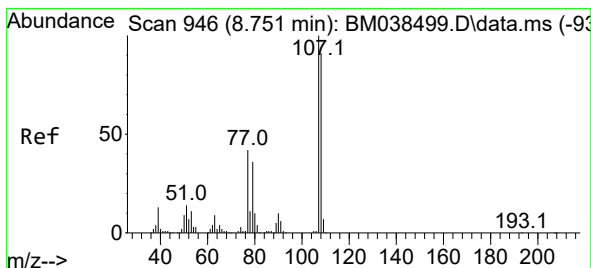
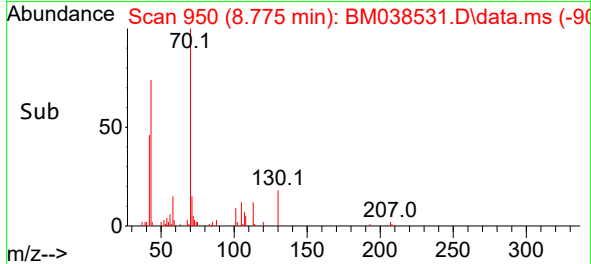
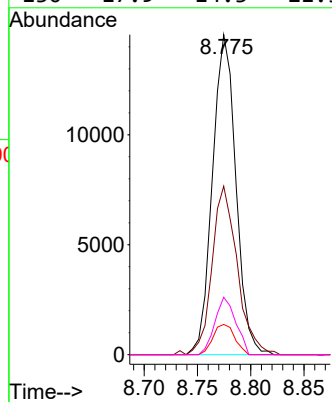
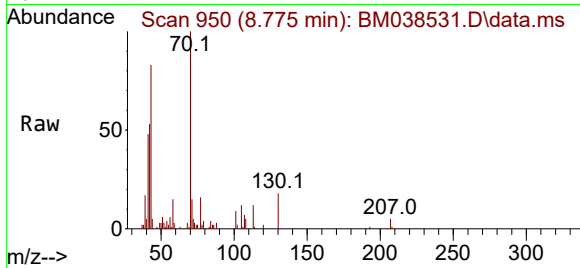




#19
n-Nitroso-di-n-propylamine
Concen: 7.430 ng
RT: 8.775 min Scan# 91
Delta R.T. -0.011 min
Lab File: BM038531.D
Acq: 25 Jan 2023 14:05

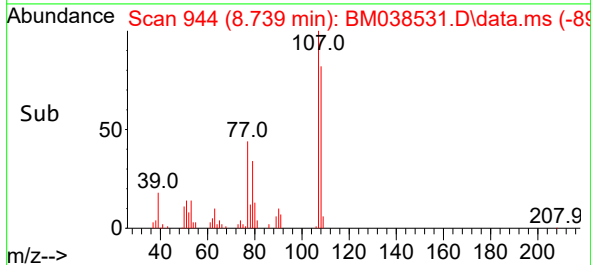
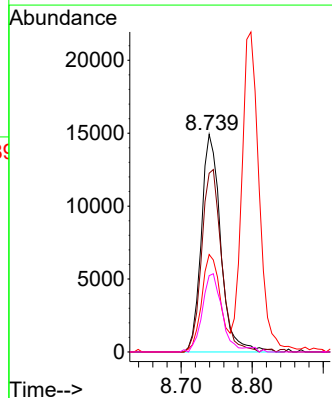
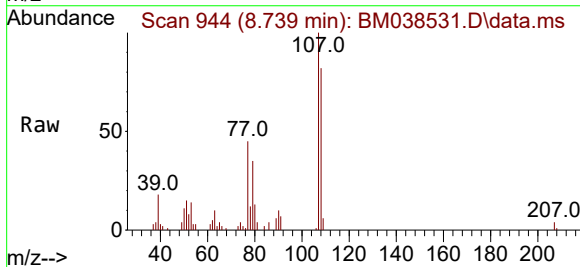
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2022

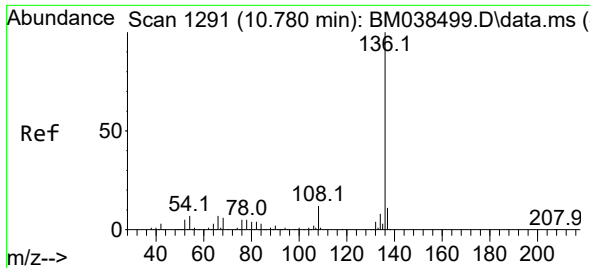
Tgt Ion: 70	Resp: 22226
Ion Ratio	Lower Upper
70 100	
42 52.7	41.4 62.2
101 9.4	6.5 9.7
130 17.9	14.3 21.5



#20
3+4-Methylphenols
Concen: 6.958 ng
RT: 8.739 min Scan# 944
Delta R.T. -0.012 min
Lab File: BM038531.D
Acq: 25 Jan 2023 14:05

Tgt	Ion:107	Resp:	28359
Ion	Ratio	Lower	Upper
107	100		
108	82.2	70.7	110.7
77	44.8	22.0	62.0
79	35.1	15.8	55.8

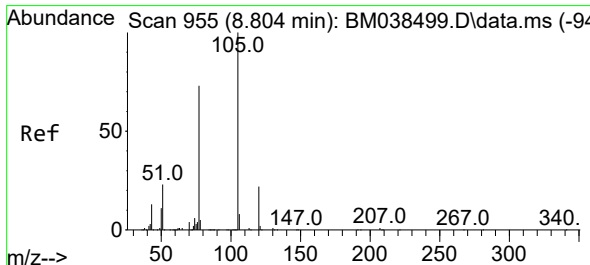
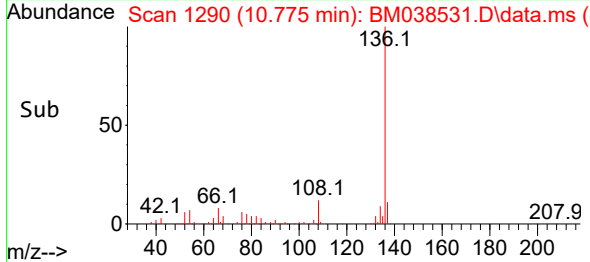
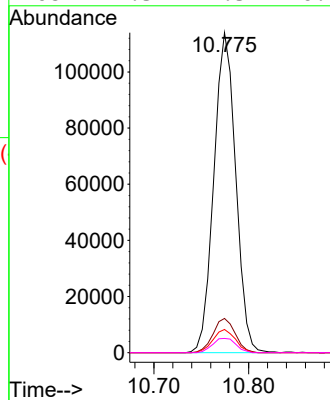
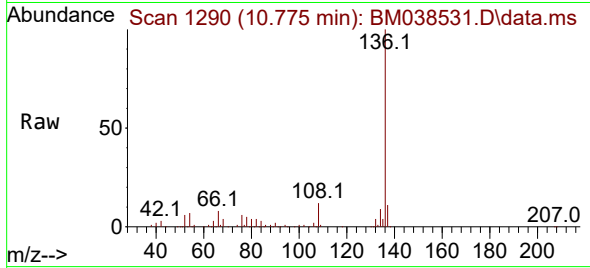




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.775 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM038531.D
Acq: 25 Jan 2023 14:05

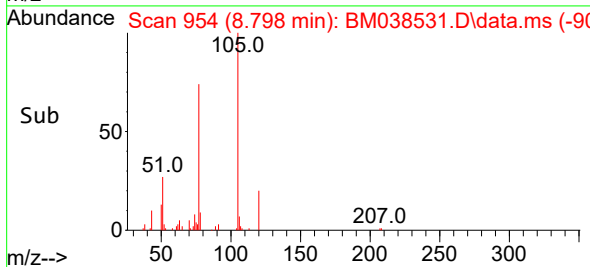
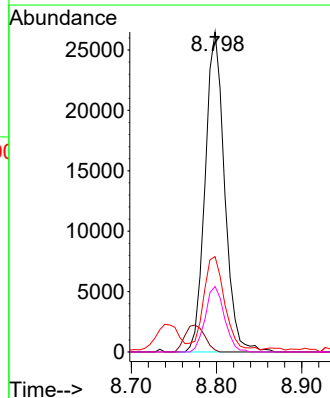
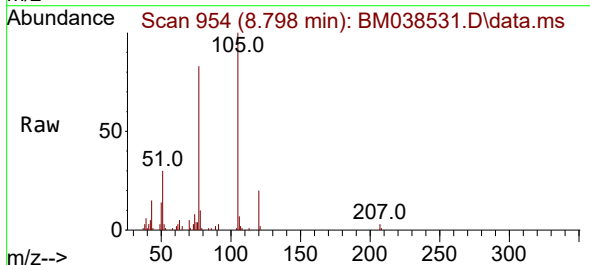
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2022

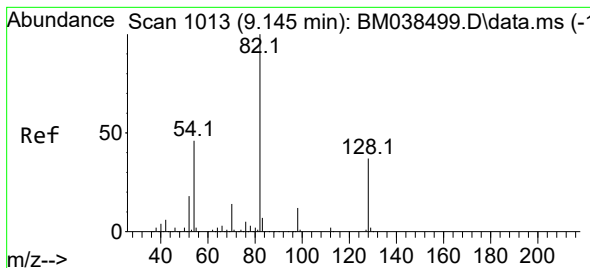
Tgt Ion:136 Resp: 182787
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 7.2 6.0 9.0
68 4.5 4.5 6.7#



#22
Acetophenone
Concen: 8.343 ng
RT: 8.798 min Scan# 954
Delta R.T. -0.006 min
Lab File: BM038531.D
Acq: 25 Jan 2023 14:05

Tgt Ion:105 Resp: 42010
Ion Ratio Lower Upper
105 100
71 0.7 0.9 1.3#
51 29.8 21.8 32.8
120 20.5 17.3 25.9





#23

Nitrobenzene-d5

Concen: 80.108 ng

RT: 9.139 min Scan# 1012

Delta R.T. -0.006 min

Lab File: BM038531.D

Acq: 25 Jan 2023 14:05

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2022

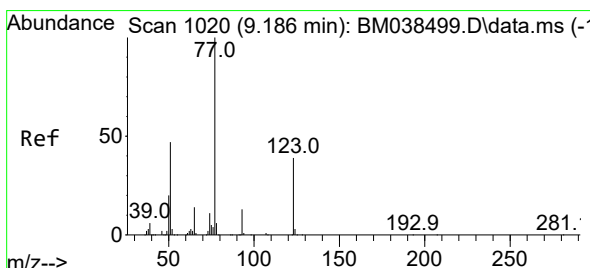
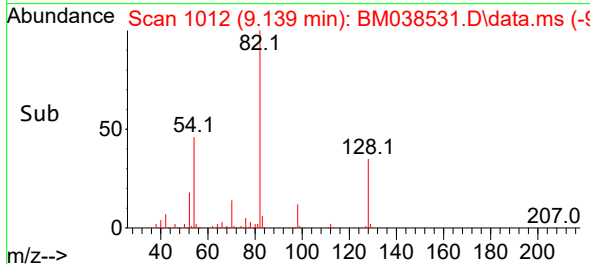
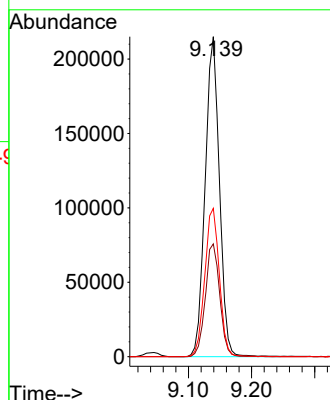
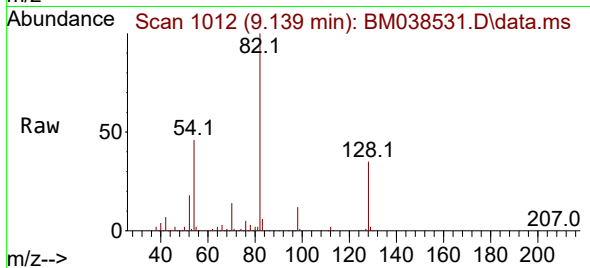
Tgt Ion: 82 Resp: 337196

Ion Ratio Lower Upper

82 100

128 35.3 29.3 43.9

54 46.3 36.9 55.3



#24

Nitrobenzene

Concen: 8.940 ng

RT: 9.181 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BM038531.D

Acq: 25 Jan 2023 14:05

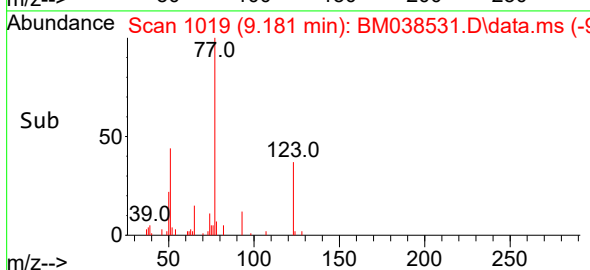
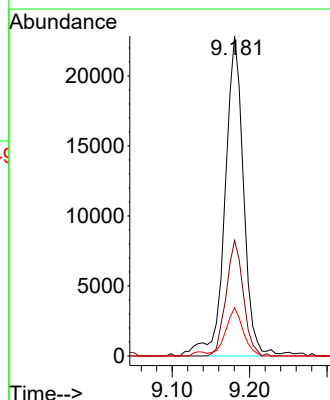
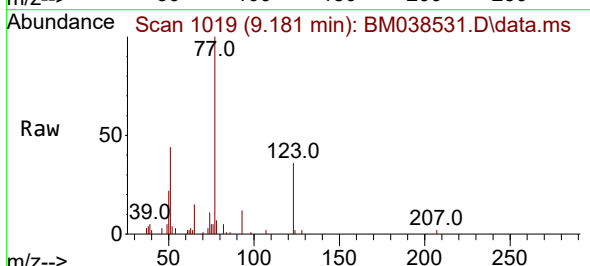
Tgt Ion: 77 Resp: 38075

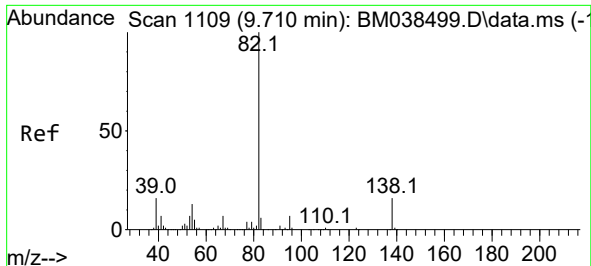
Ion Ratio Lower Upper

77 100

123 36.1 31.5 47.3

65 15.1 11.2 16.8

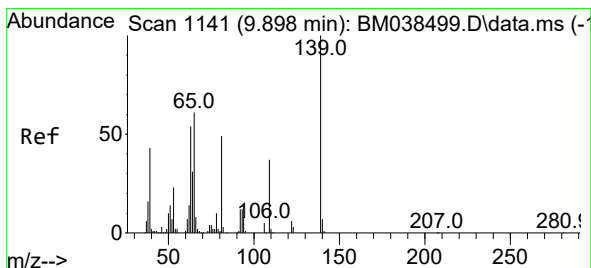
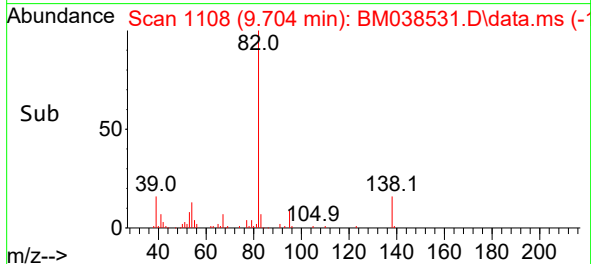
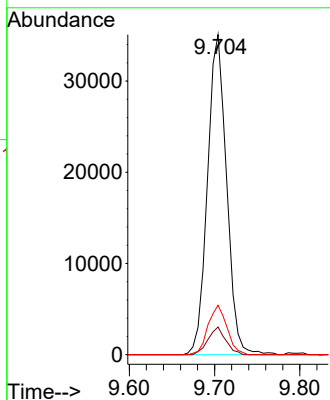
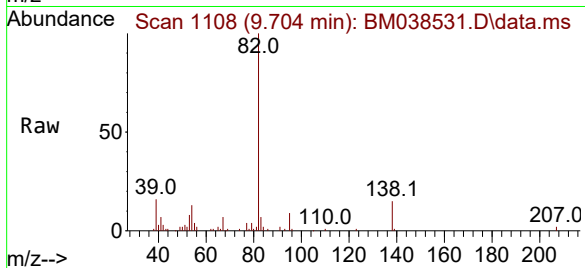




#25
Isophorone
Concen: 7.875 ng
RT: 9.704 min Scan# 1108
Delta R.T. -0.006 min
Lab File: BM038531.D
Acq: 25 Jan 2023 14:05

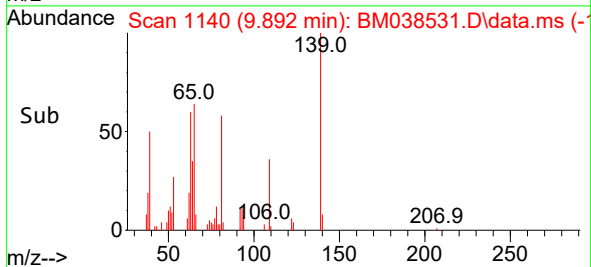
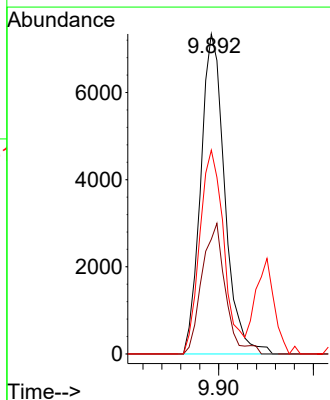
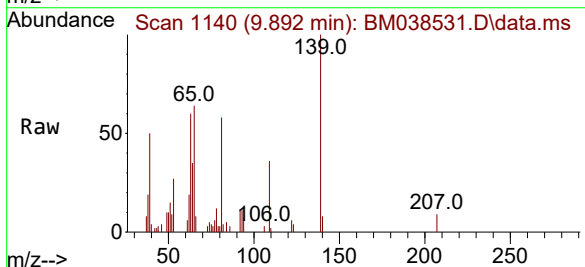
Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT4-2022

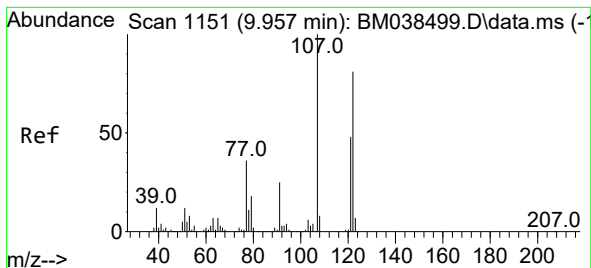
Tgt Ion: 82 Resp: 54700
Ion Ratio Lower Upper
82 100
95 8.7 5.6 8.4#
138 15.5 13.2 19.8



#26
2-Nitrophenol
Concen: 7.664 ng
RT: 9.892 min Scan# 1140
Delta R.T. -0.006 min
Lab File: BM038531.D
Acq: 25 Jan 2023 14:05

Tgt Ion: 139 Resp: 12957
Ion Ratio Lower Upper
139 100
109 35.9 29.3 43.9
65 63.7 48.6 72.8

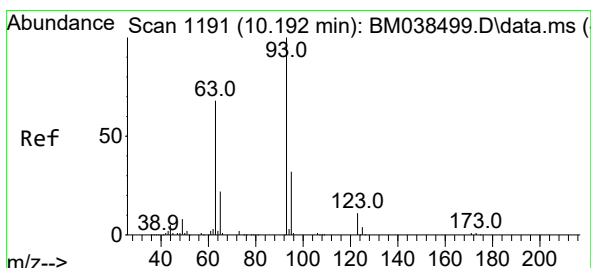
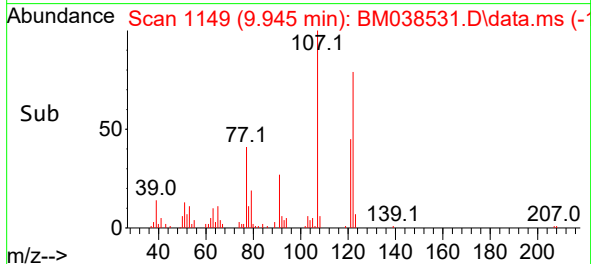
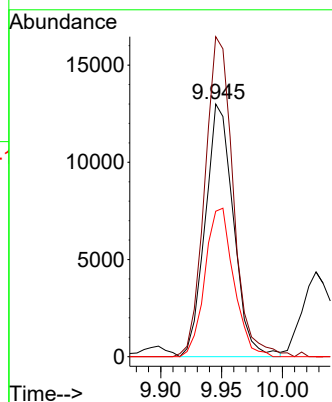
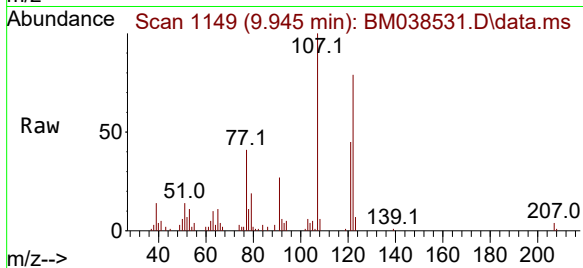




#27
2,4-Dimethylphenol
Concen: 7.448 ng
RT: 9.945 min Scan# 1151
Delta R.T. -0.012 min
Lab File: BM038531.D
Acq: 25 Jan 2023 14:05

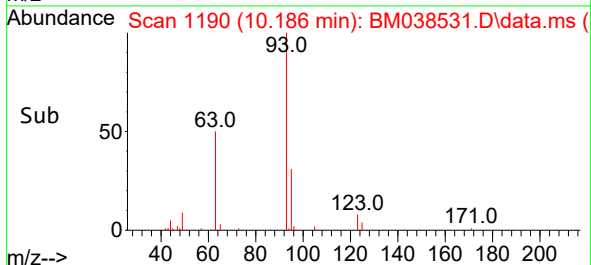
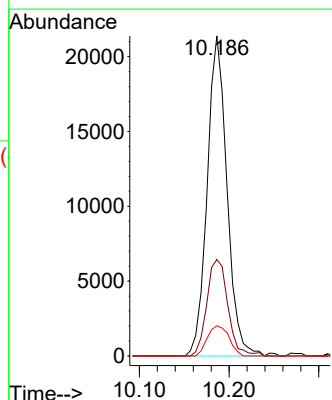
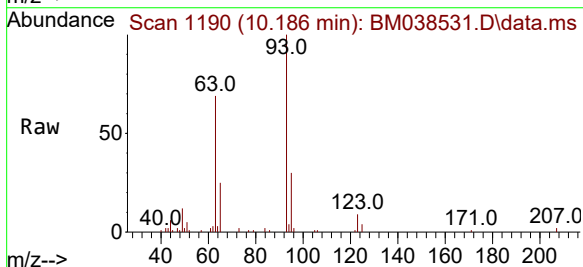
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2022

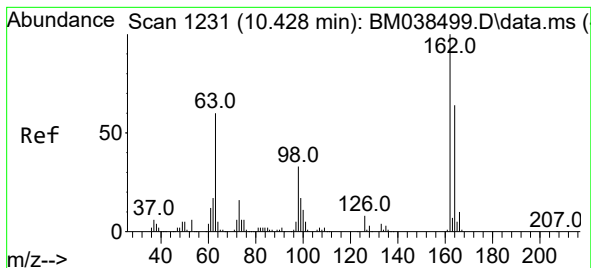
Tgt Ion:122 Resp: 20955
Ion Ratio Lower Upper
122 100
107 126.7 98.2 147.2
121 57.6 47.1 70.7



#28
bis(2-Chloroethoxy)methane
Concen: 8.076 ng
RT: 10.186 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BM038531.D
Acq: 25 Jan 2023 14:05

Tgt Ion: 93 Resp: 32819
Ion Ratio Lower Upper
93 100
95 30.2 25.3 37.9
123 9.4 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 7.659 ng

RT: 10.427 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM038531.D

Acq: 25 Jan 2023 14:05

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2022

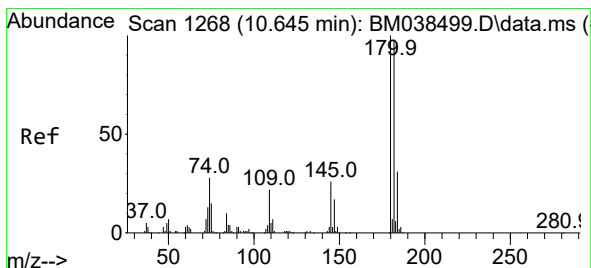
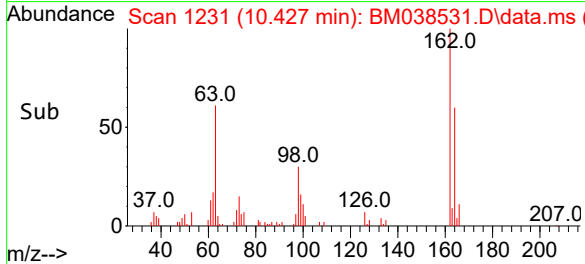
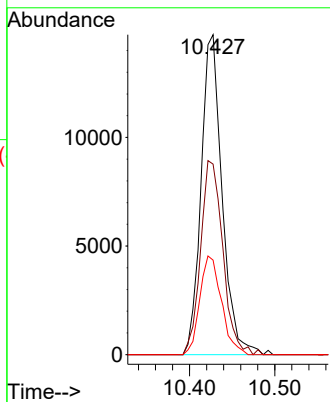
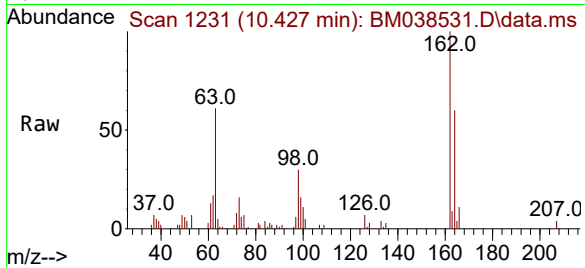
Tgt Ion:162 Resp: 25280

Ion Ratio Lower Upper

162 100

164 59.6 43.7 83.7

98 29.5 12.9 52.9



#30

1,2,4-Trichlorobenzene

Concen: 8.371 ng

RT: 10.633 min Scan# 1266

Delta R.T. -0.012 min

Lab File: BM038531.D

Acq: 25 Jan 2023 14:05

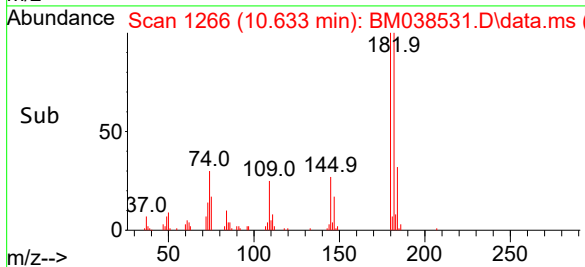
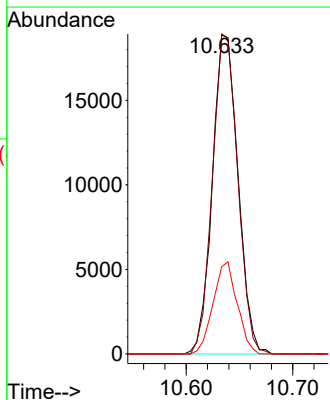
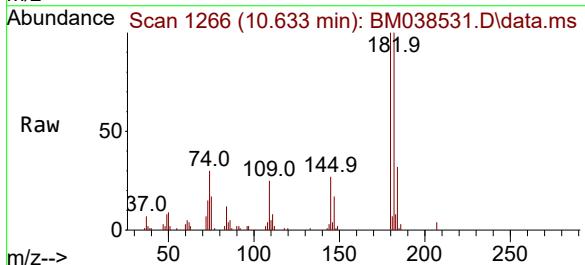
Tgt Ion:180 Resp: 31598

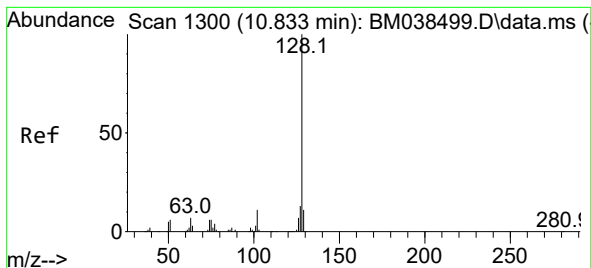
Ion Ratio Lower Upper

180 100

182 100.3 78.3 117.5

145 27.3 21.0 31.6





#31

Naphthalene

Concen: 7.669 ng

RT: 10.822 min Scan# 1163

Delta R.T. -0.012 min

Lab File: BM038531.D

Acq: 25 Jan 2023 14:05

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2022

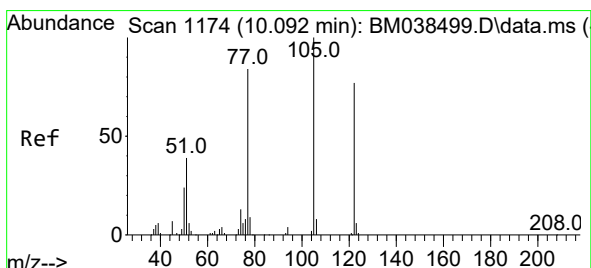
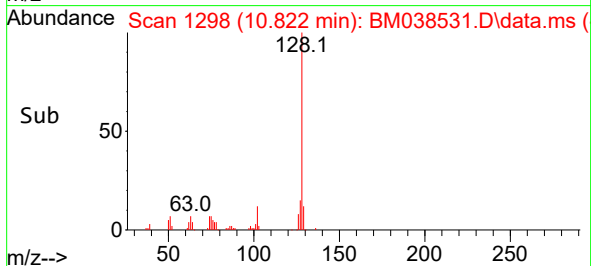
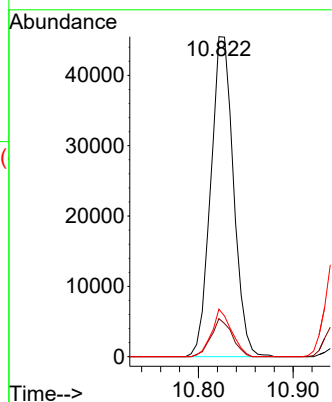
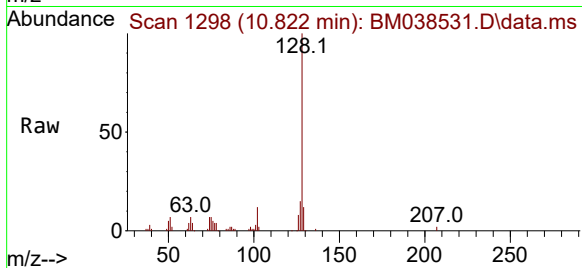
Tgt Ion:128 Resp: 76153

Ion Ratio Lower Upper

128 100

129 11.9 8.8 13.2

127 14.9 10.3 15.5



#32

Benzoic acid

Concen: 9.204 ng

RT: 10.028 min Scan# 1163

Delta R.T. -0.064 min

Lab File: BM038531.D

Acq: 25 Jan 2023 14:05

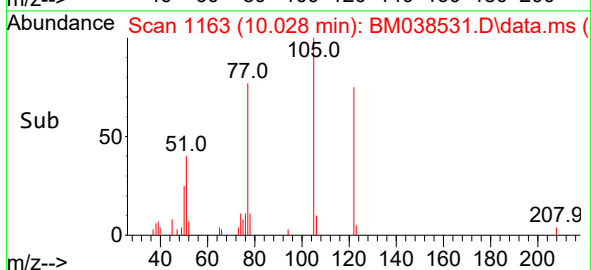
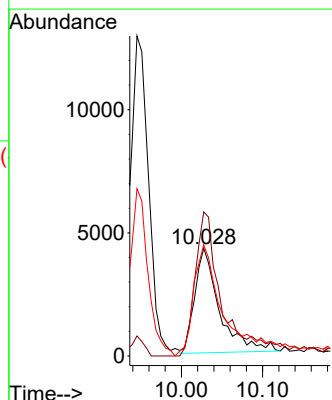
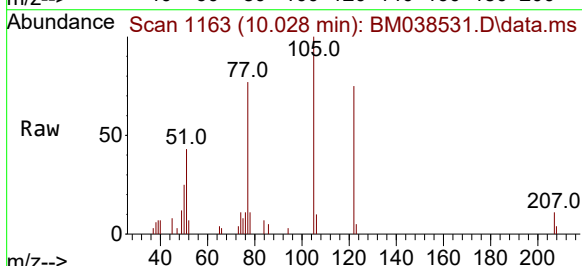
Tgt Ion:122 Resp: 9013

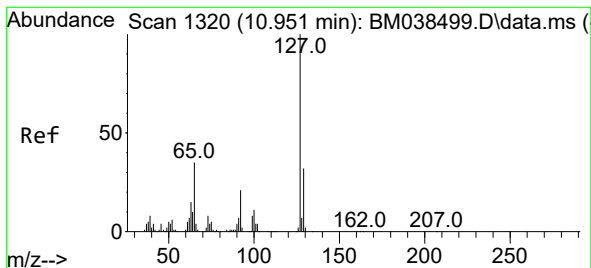
Ion Ratio Lower Upper

122 100

105 134.0 107.9 147.9

77 103.5 88.6 128.6





#33

4-Chloroaniline

Concen: 7.354 ng

RT: 10.945 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM038531.D

Acq: 25 Jan 2023 14:05

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2022

Tgt Ion:127 Resp: 30479

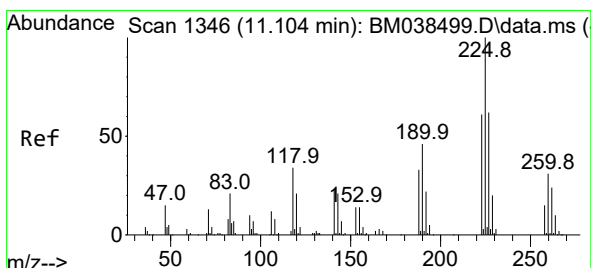
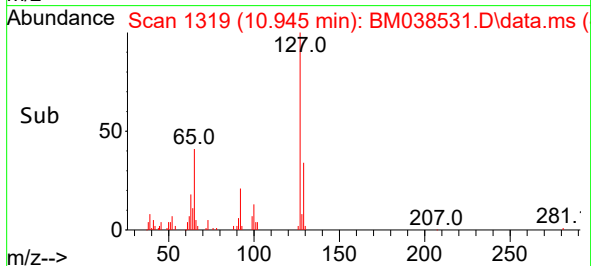
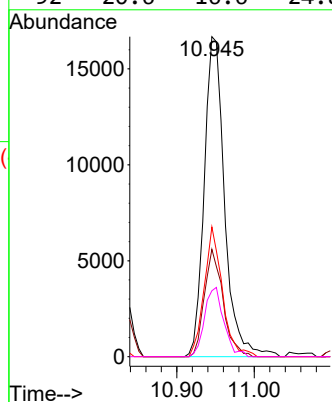
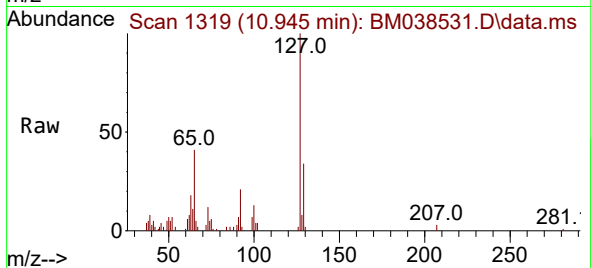
Ion Ratio Lower Upper

127 100

129 33.5 25.8 38.6

65 40.6 28.2 42.2

92 20.6 16.6 24.8



#34

Hexachlorobutadiene

Concen: 8.653 ng

RT: 11.098 min Scan# 1345

Delta R.T. -0.006 min

Lab File: BM038531.D

Acq: 25 Jan 2023 14:05

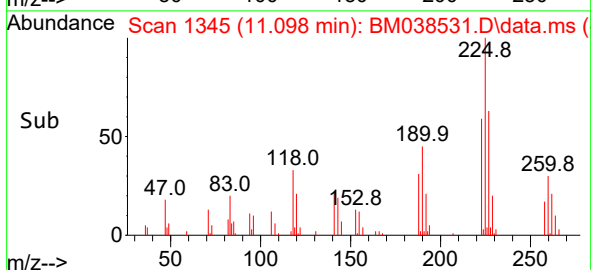
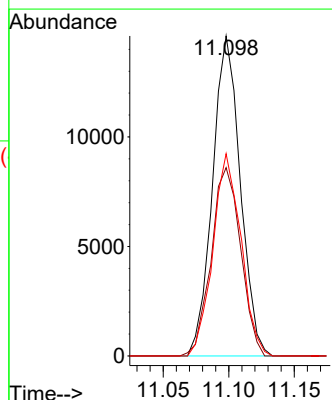
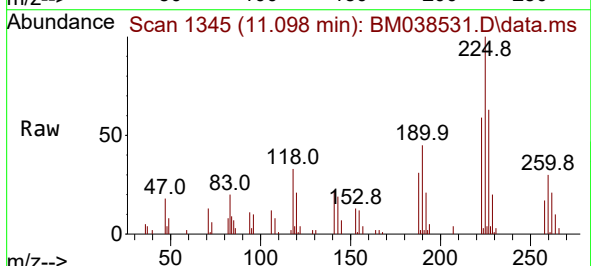
Tgt Ion:225 Resp: 21486

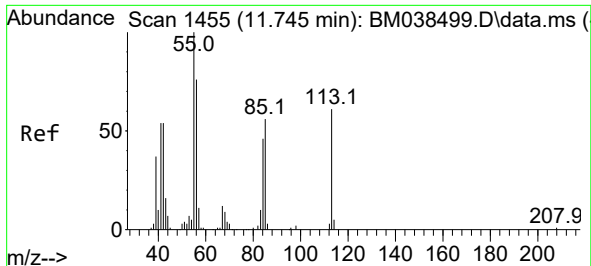
Ion Ratio Lower Upper

225 100

223 58.9 48.8 73.2

227 63.2 49.4 74.0

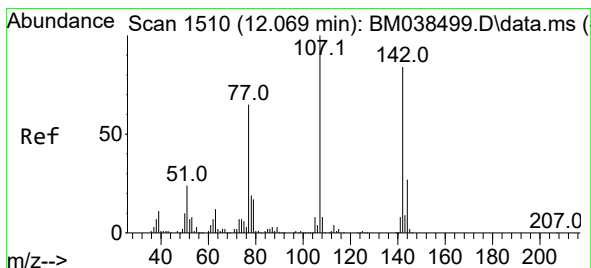
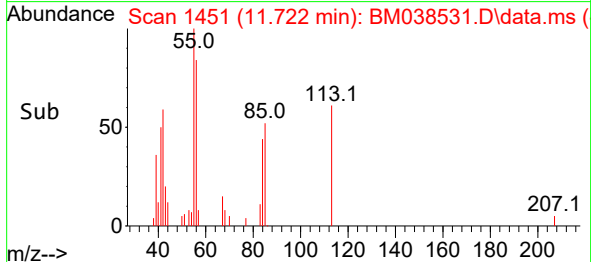
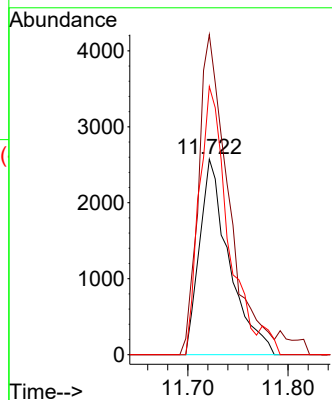
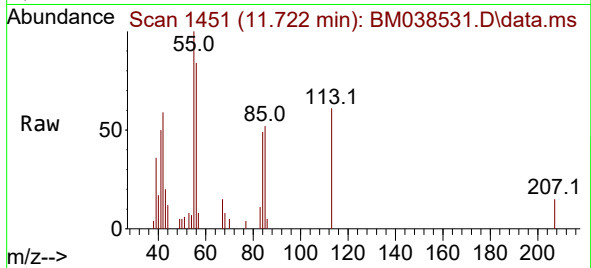




#35
Caprolactam
Concen: 6.587 ng
RT: 11.722 min Scan# 1451
Delta R.T. -0.024 min
Lab File: BM038531.D
Acq: 25 Jan 2023 14:05

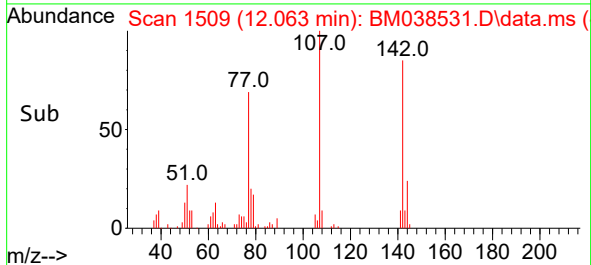
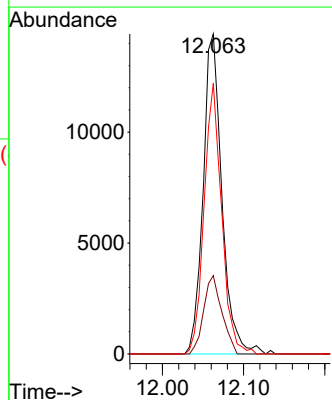
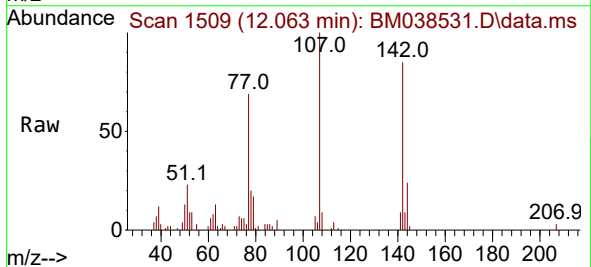
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2022

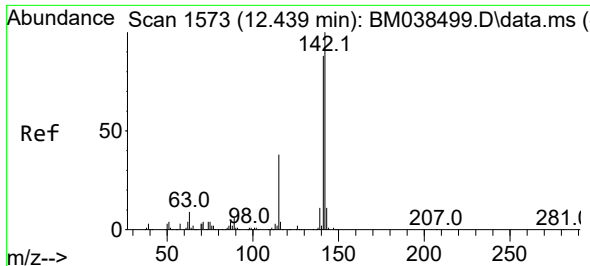
Tgt Ion:113 Resp: 5271
Ion Ratio Lower Upper
113 100
55 163.7 145.0 185.0
56 137.2 105.7 145.7



#36
4-Chloro-3-methylphenol
Concen: 7.741 ng
RT: 12.063 min Scan# 1509
Delta R.T. -0.006 min
Lab File: BM038531.D
Acq: 25 Jan 2023 14:05

Tgt Ion:107 Resp: 23235
Ion Ratio Lower Upper
107 100
144 24.5 22.0 33.0
142 84.6 67.5 101.3

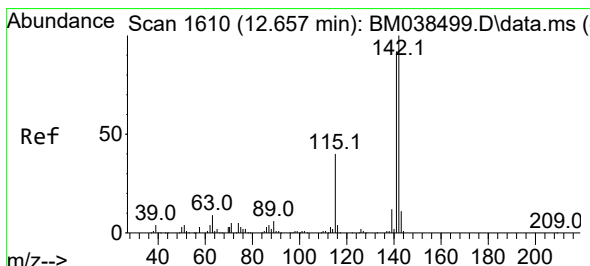
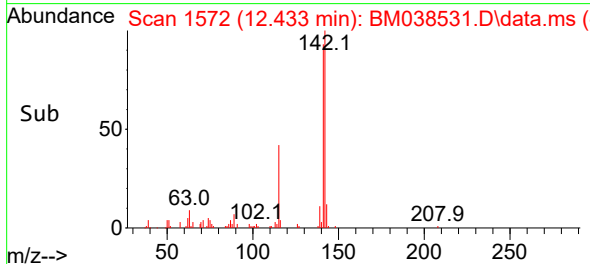
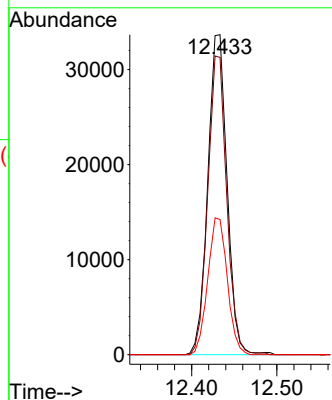
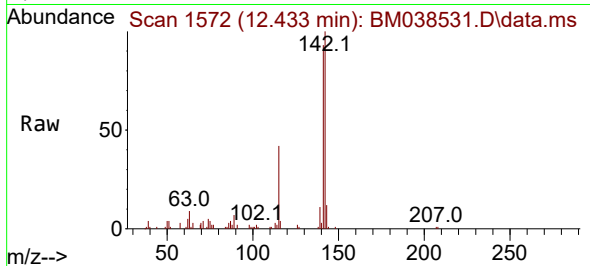




#37
2-Methylnaphthalene
Concen: 7.405 ng
RT: 12.433 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM038531.D
Acq: 25 Jan 2023 14:05

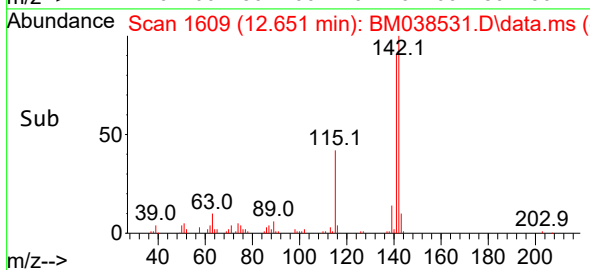
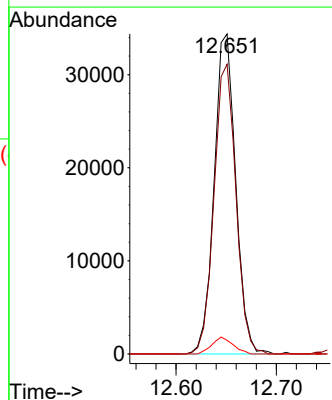
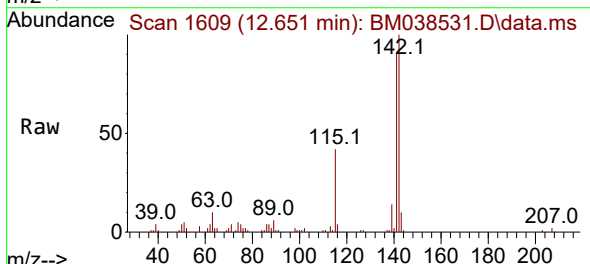
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2022

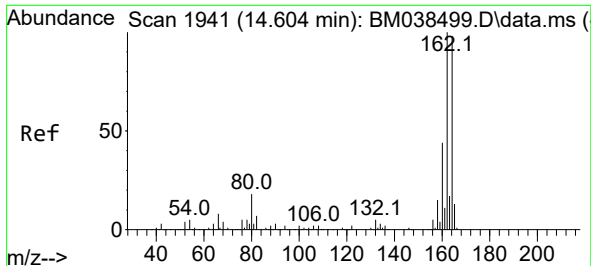
Tgt Ion:142 Resp: 52846
Ion Ratio Lower Upper
142 100
141 92.9 70.7 106.1
115 42.3 30.4 45.6



#38
1-Methylnaphthalene
Concen: 7.610 ng
RT: 12.651 min Scan# 1609
Delta R.T. -0.006 min
Lab File: BM038531.D
Acq: 25 Jan 2023 14:05

Tgt Ion:142 Resp: 51218
Ion Ratio Lower Upper
142 100
141 90.5 73.4 110.0
116 4.3 3.3 4.9

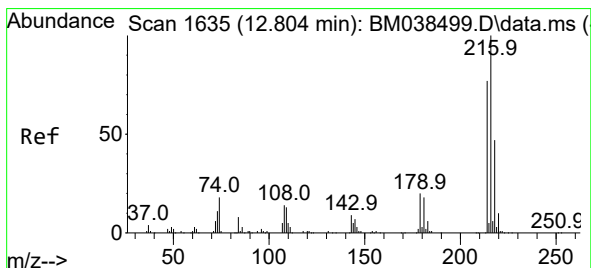
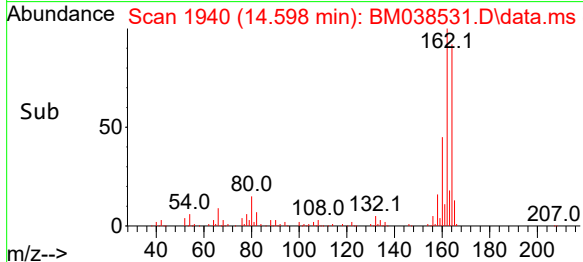
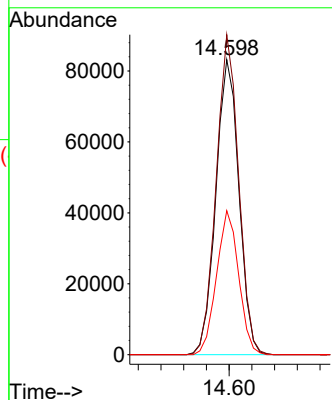
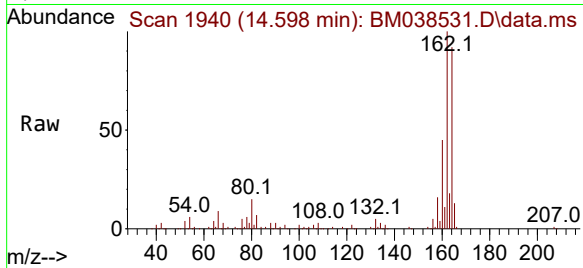




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.598 min Scan# 1941
Delta R.T. -0.006 min
Lab File: BM038531.D
Acq: 25 Jan 2023 14:05

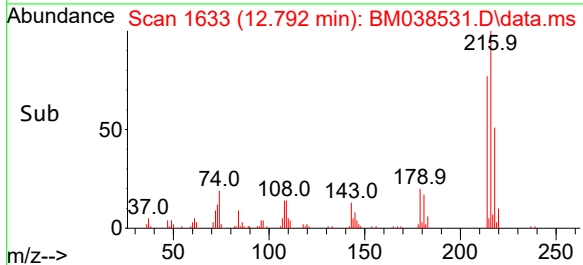
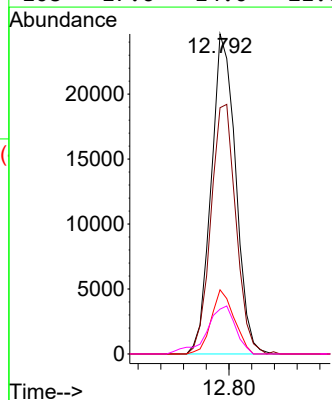
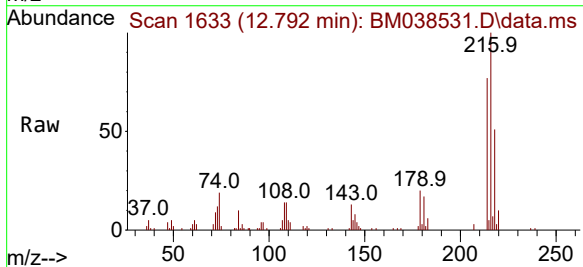
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2022

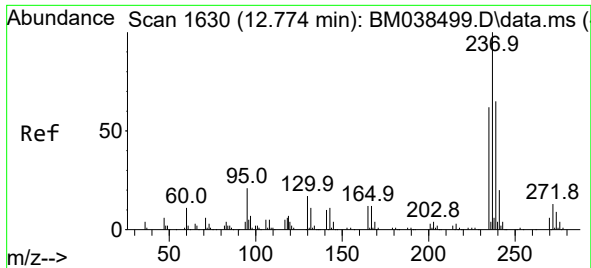
Tgt Ion:164 Resp: 117166
Ion Ratio Lower Upper
164 100
162 108.4 82.0 123.0
160 48.8 35.8 53.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 8.341 ng
RT: 12.792 min Scan# 1633
Delta R.T. -0.012 min
Lab File: BM038531.D
Acq: 25 Jan 2023 14:05

Tgt Ion:216 Resp: 36762
Ion Ratio Lower Upper
216 100
214 79.9 61.4 92.0
179 18.7 15.7 23.5
108 17.6 14.0 21.0

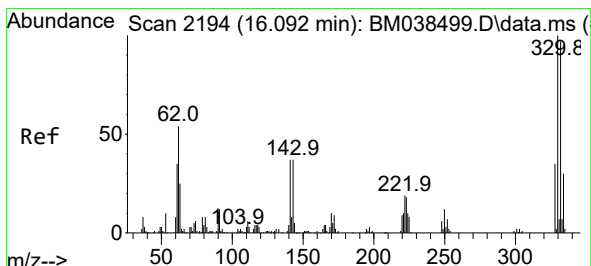
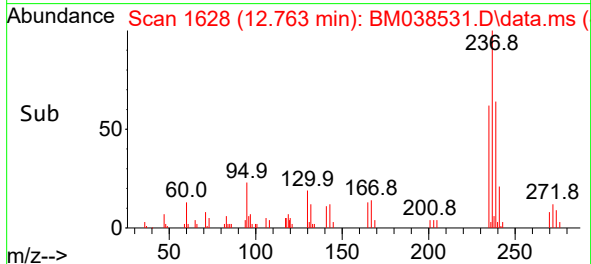
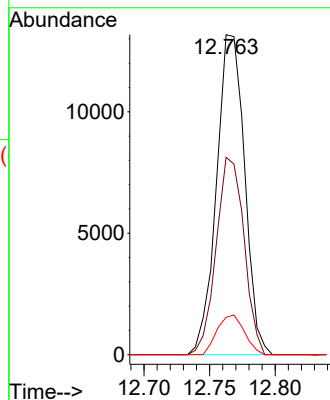
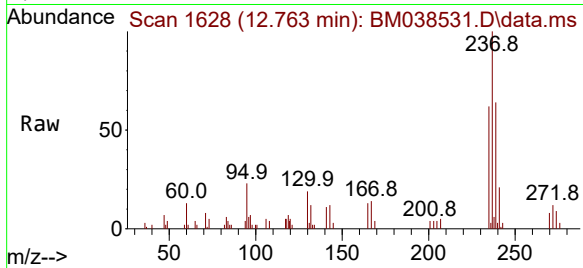




#41
Hexachlorocyclopentadiene
Concen: 8.118 ng
RT: 12.763 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM038531.D
Acq: 25 Jan 2023 14:05

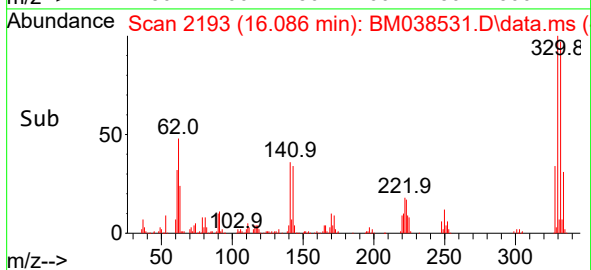
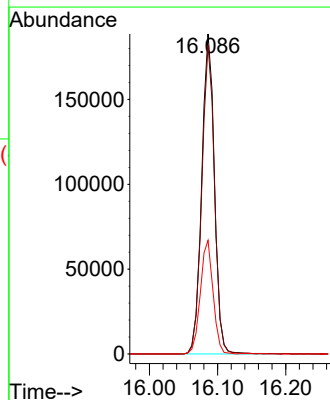
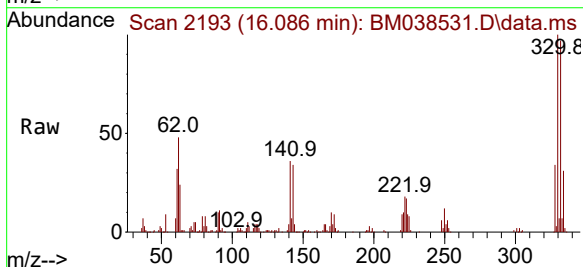
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2022

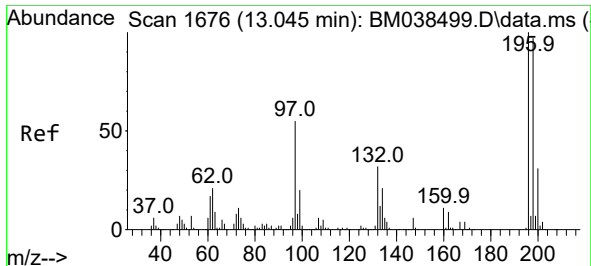
Tgt Ion:237 Resp: 19664
Ion Ratio Lower Upper
237 100
235 61.7 42.3 82.3
272 11.7 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 144.767 ng
RT: 16.086 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BM038531.D
Acq: 25 Jan 2023 14:05

Tgt Ion:330 Resp: 244255
Ion Ratio Lower Upper
330 100
332 96.3 77.5 116.3
141 35.4 29.0 43.4

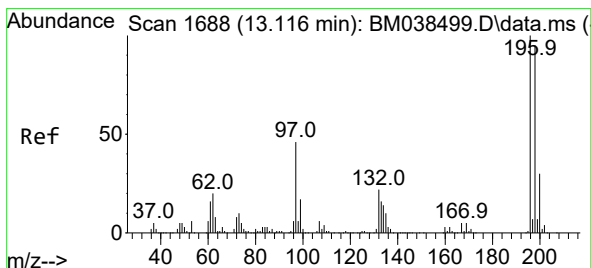
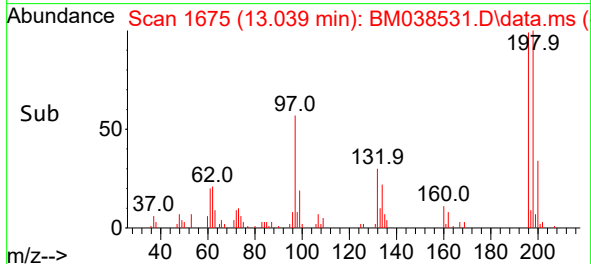
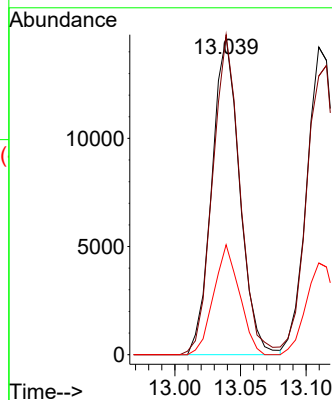
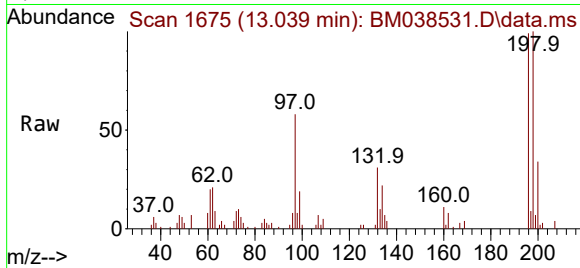




#43
2,4,6-Trichlorophenol
Concen: 7.665 ng
RT: 13.039 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM038531.D
Acq: 25 Jan 2023 14:05

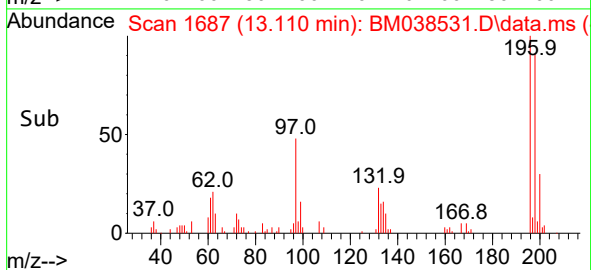
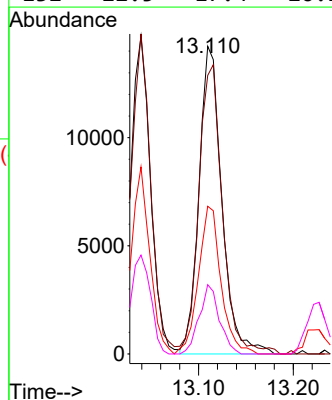
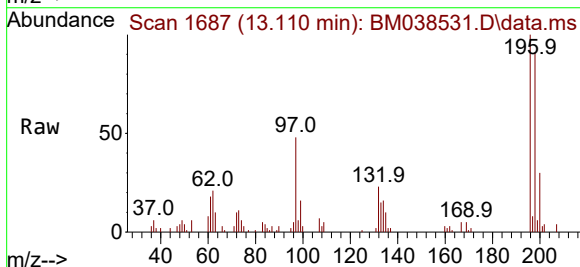
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2022

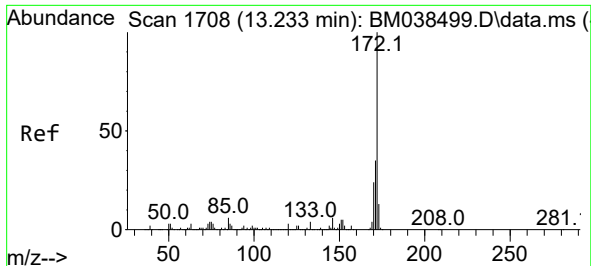
Tgt Ion:196 Resp: 21627
Ion Ratio Lower Upper
196 100
198 100.7 77.9 116.9
200 34.6 24.5 36.7



#44
2,4,5-Trichlorophenol
Concen: 7.250 ng
RT: 13.110 min Scan# 1687
Delta R.T. -0.006 min
Lab File: BM038531.D
Acq: 25 Jan 2023 14:05

Tgt Ion:196 Resp: 23959
Ion Ratio Lower Upper
196 100
198 90.5 76.0 114.0
97 48.0 36.9 55.3
132 22.5 17.4 26.2

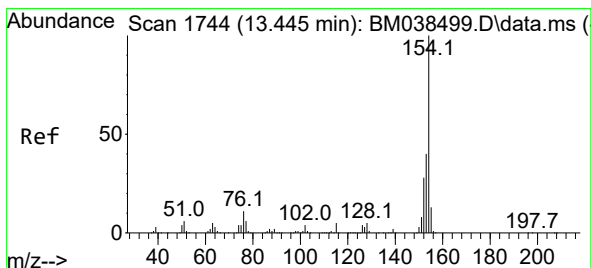
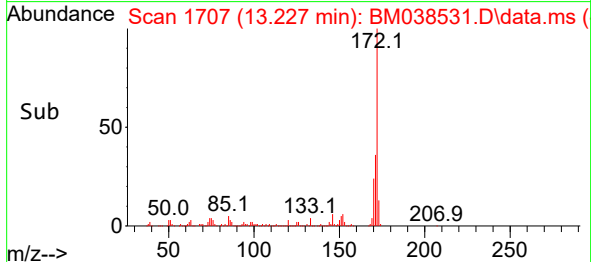
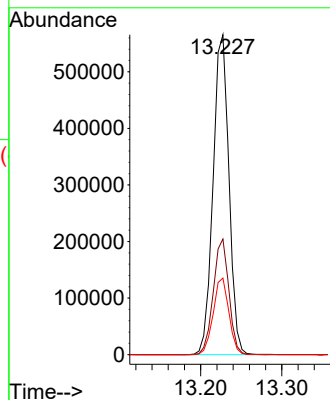
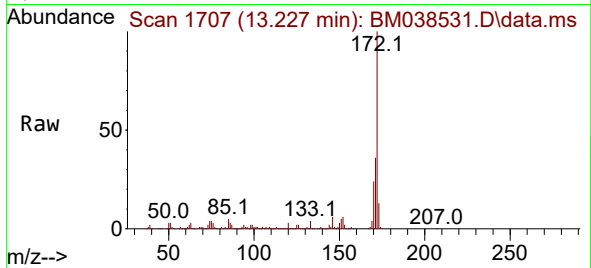




#45
2-Fluorobiphenyl
Concen: 80.678 ng
RT: 13.227 min Scan# 1707
Delta R.T. -0.006 min
Lab File: BM038531.D
Acq: 25 Jan 2023 14:05

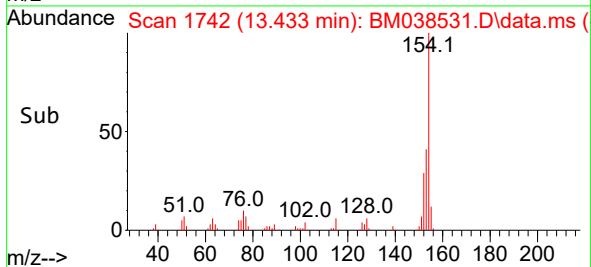
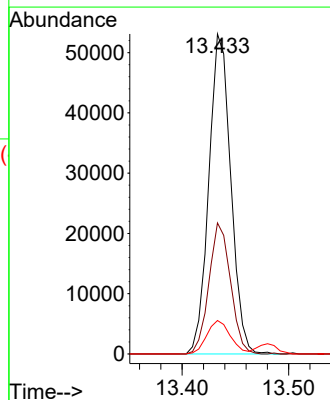
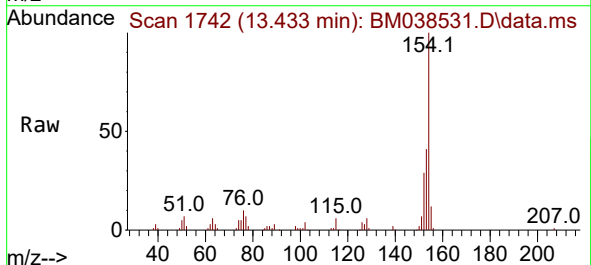
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2022

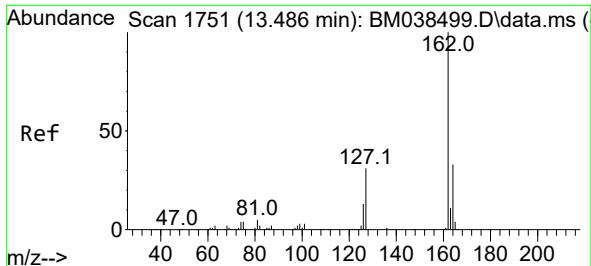
Tgt Ion:172 Resp: 767376
Ion Ratio Lower Upper
172 100
171 36.2 28.0 42.0
170 23.9 19.5 29.3



#46
1,1'-Biphenyl
Concen: 8.115 ng
RT: 13.433 min Scan# 1742
Delta R.T. -0.012 min
Lab File: BM038531.D
Acq: 25 Jan 2023 14:05

Tgt Ion:154 Resp: 76146
Ion Ratio Lower Upper
154 100
153 41.0 20.1 60.1
76 10.5 0.0 31.3

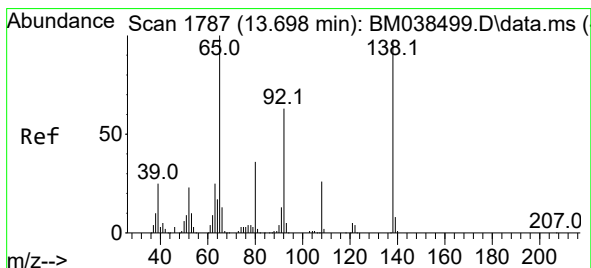
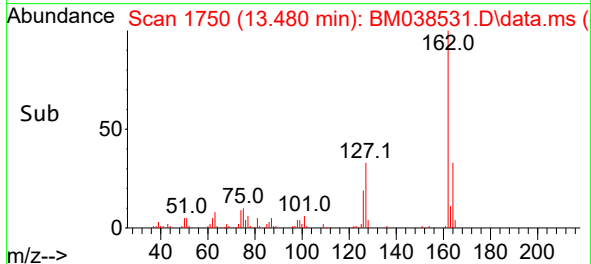
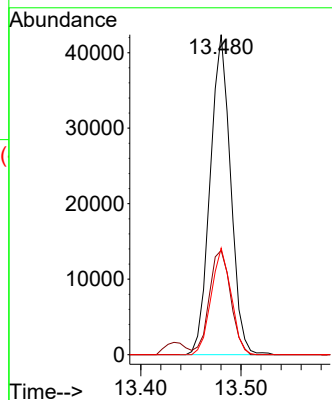
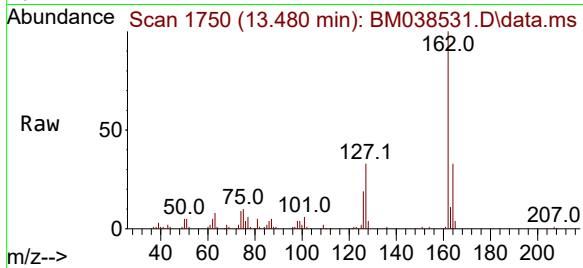




#47
2-Chloronaphthalene
Concen: 8.202 ng
RT: 13.480 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM038531.D
Acq: 25 Jan 2023 14:05

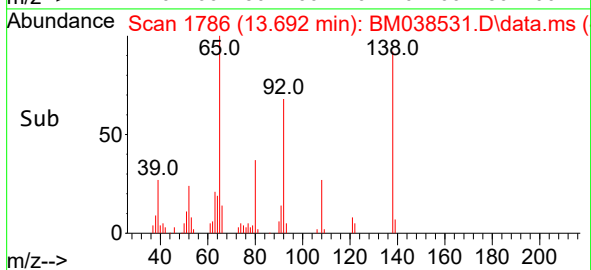
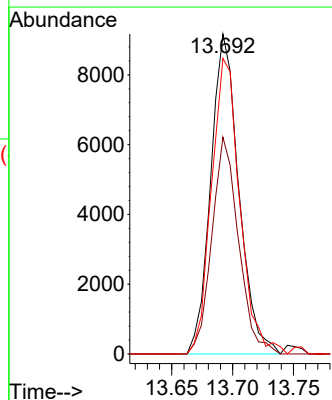
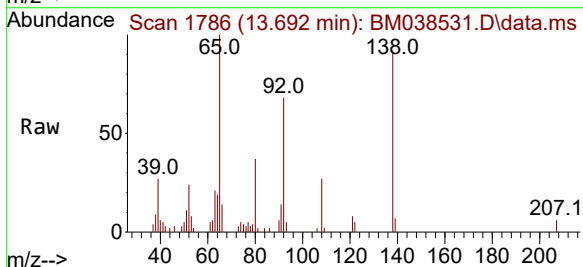
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2022

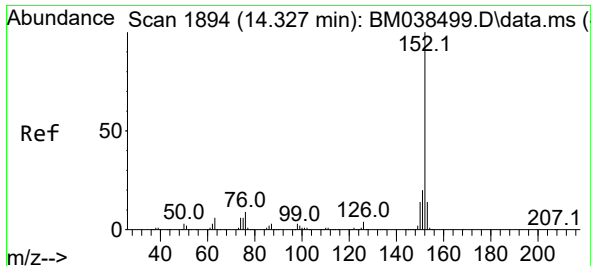
Tgt Ion:162 Resp: 60082
Ion Ratio Lower Upper
162 100
127 32.6 27.4 41.2
164 33.3 26.7 40.1



#48
2-Nitroaniline
Concen: 6.832 ng
RT: 13.692 min Scan# 1786
Delta R.T. -0.006 min
Lab File: BM038531.D
Acq: 25 Jan 2023 14:05

Tgt Ion: 65 Resp: 14696
Ion Ratio Lower Upper
65 100
92 67.8 50.0 75.0
138 92.3 78.2 117.2

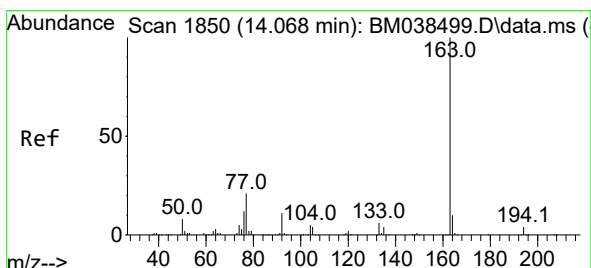
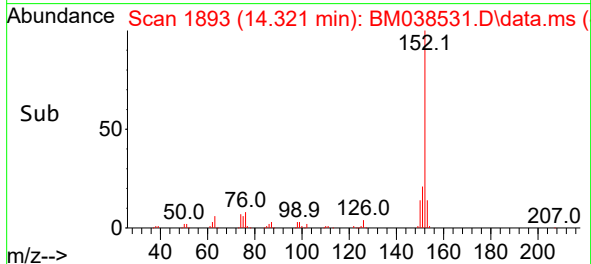
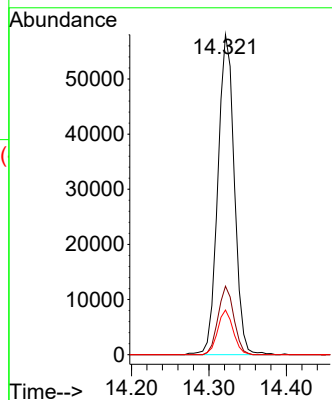
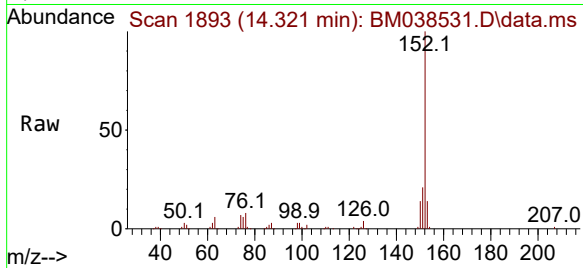




#49
Acenaphthylene
Concen: 7.471 ng
RT: 14.321 min Scan# 1893
Delta R.T. -0.006 min
Lab File: BM038531.D
Acq: 25 Jan 2023 14:05

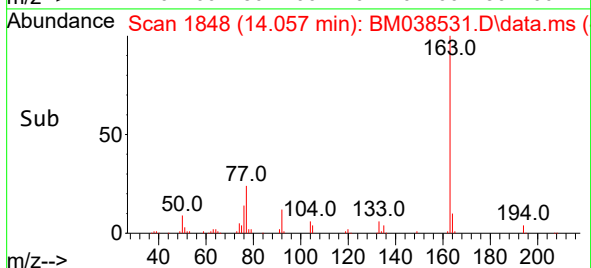
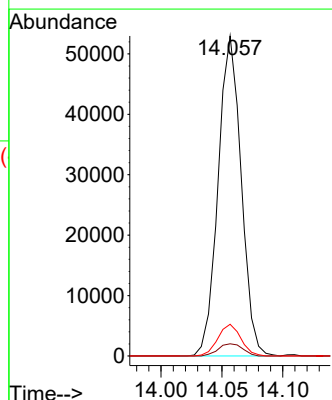
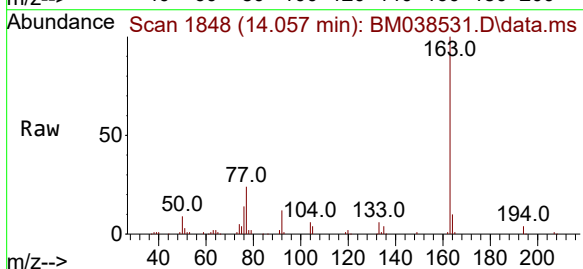
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2022

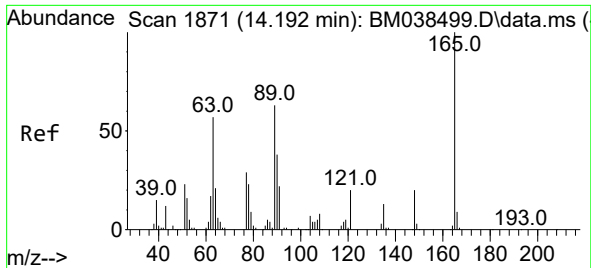
Tgt Ion:152 Resp: 85624
Ion Ratio Lower Upper
152 100
151 21.4 16.0 24.0
153 14.0 10.8 16.2



#50
Dimethylphthalate
Concen: 7.745 ng
RT: 14.057 min Scan# 1848
Delta R.T. -0.012 min
Lab File: BM038531.D
Acq: 25 Jan 2023 14:05

Tgt Ion:163 Resp: 69852
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 9.9 8.0 12.0

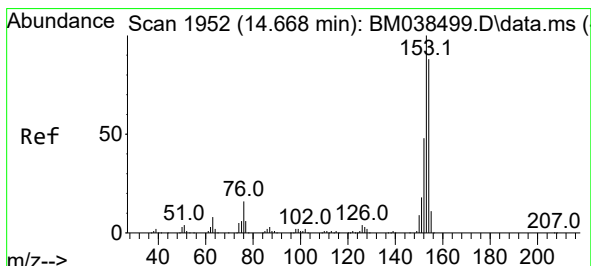
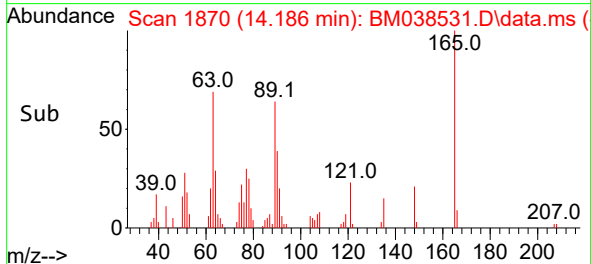
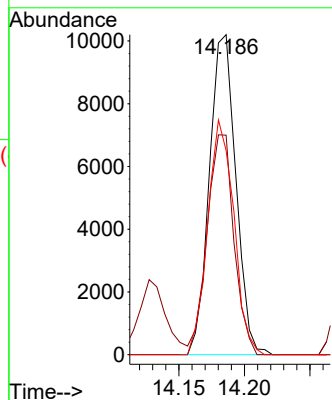
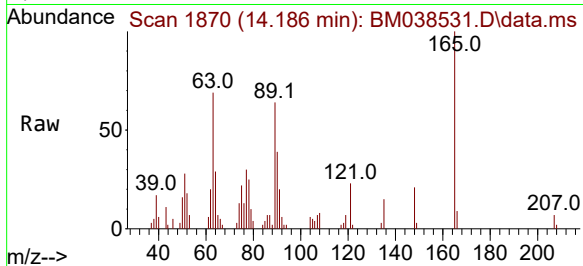




#51
2,6-Dinitrotoluene
Concen: 7.546 ng
RT: 14.186 min Scan# 1871
Delta R.T. -0.006 min
Lab File: BM038531.D
Acq: 25 Jan 2023 14:05

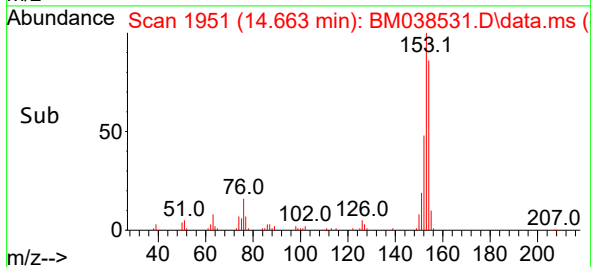
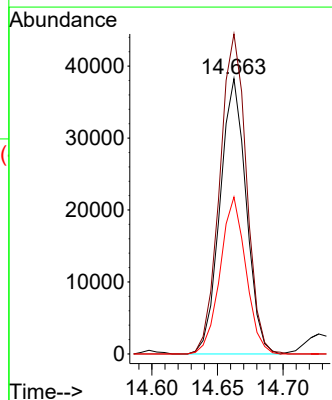
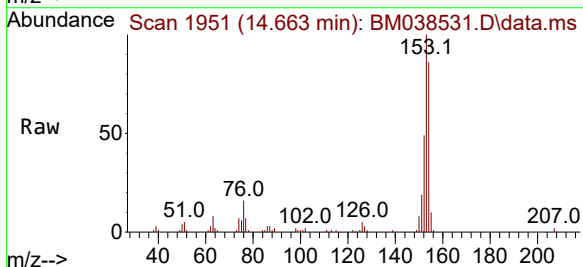
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2022

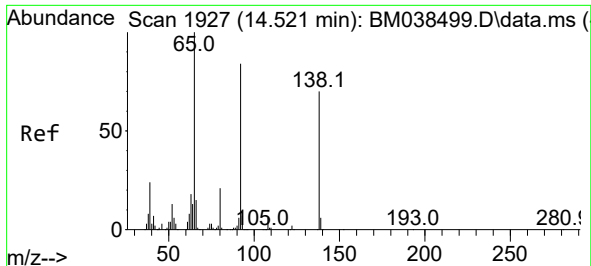
Tgt Ion:165 Resp: 14322
Ion Ratio Lower Upper
165 100
63 68.6 51.0 76.4
89 63.8 50.2 75.4



#52
Acenaphthene
Concen: 7.583 ng
RT: 14.663 min Scan# 1951
Delta R.T. -0.006 min
Lab File: BM038531.D
Acq: 25 Jan 2023 14:05

Tgt Ion:154 Resp: 52999
Ion Ratio Lower Upper
154 100
153 116.2 90.7 136.1
152 57.0 43.8 65.8

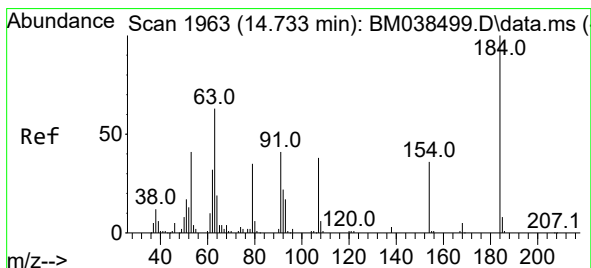
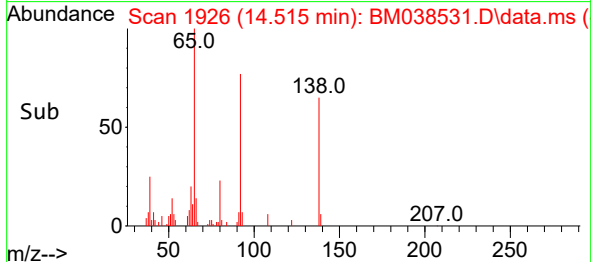
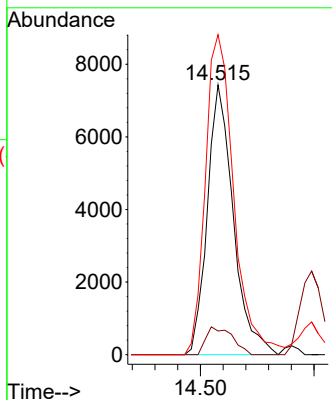
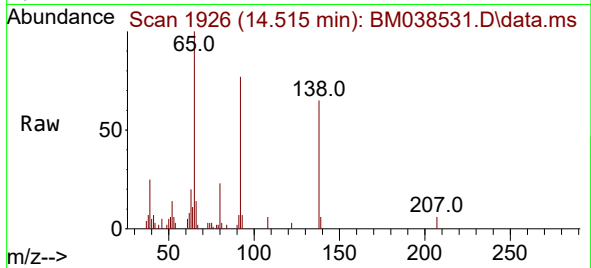




#53
3-Nitroaniline
Concen: 6.257 ng
RT: 14.515 min Scan# 1926
Delta R.T. -0.006 min
Lab File: BM038531.D
Acq: 25 Jan 2023 14:05

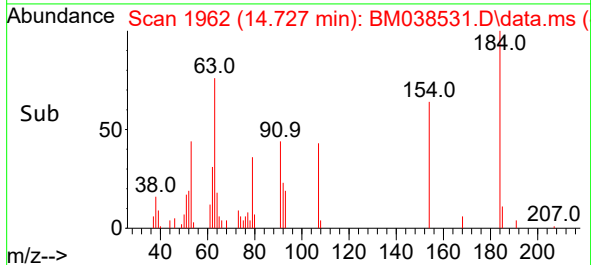
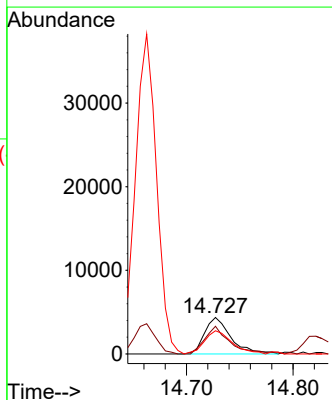
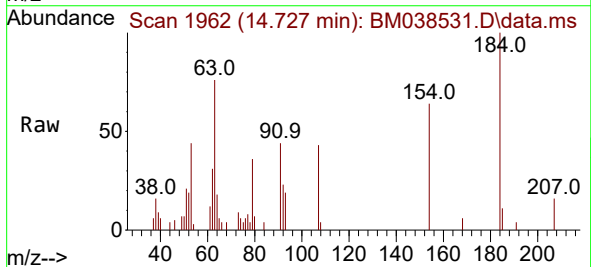
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2022

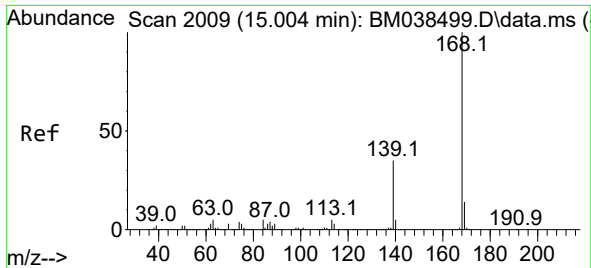
Tgt Ion:138 Resp: 11802
Ion Ratio Lower Upper
138 100
108 8.8 7.0 10.4
92 118.6 95.7 143.5



#54
2,4-Dinitrophenol
Concen: 9.584 ng
RT: 14.727 min Scan# 1962
Delta R.T. -0.006 min
Lab File: BM038531.D
Acq: 25 Jan 2023 14:05

Tgt Ion:184 Resp: 7463
Ion Ratio Lower Upper
184 100
63 75.6 52.2 78.4
154 63.5 48.9 73.3

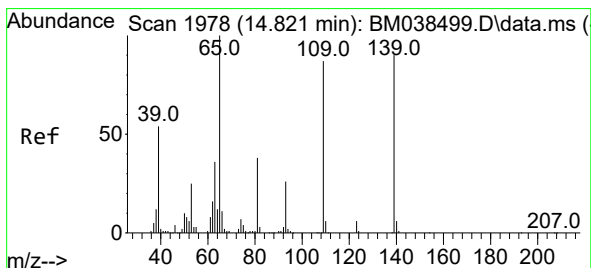
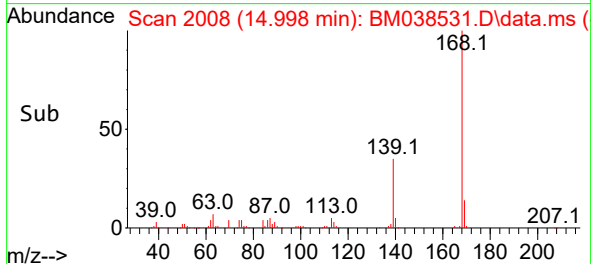
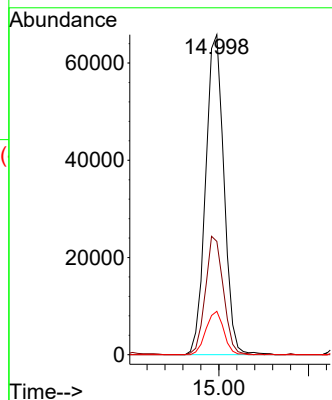
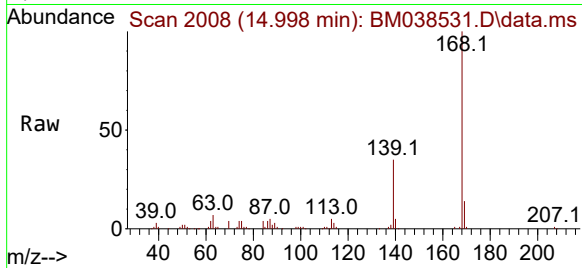




#55
Dibenzenofuran
Concen: 7.983 ng
RT: 14.998 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BM038531.D
Acq: 25 Jan 2023 14:05

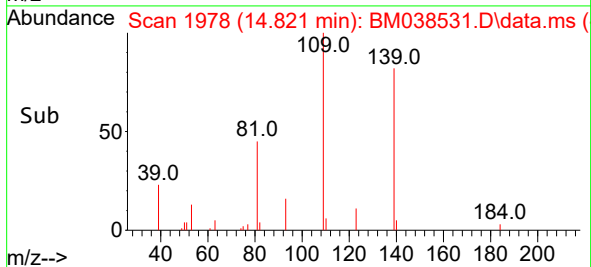
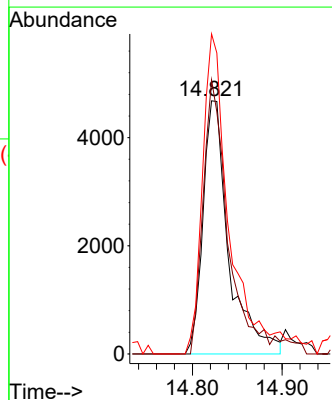
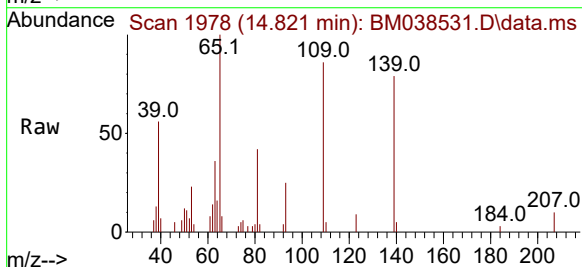
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2022

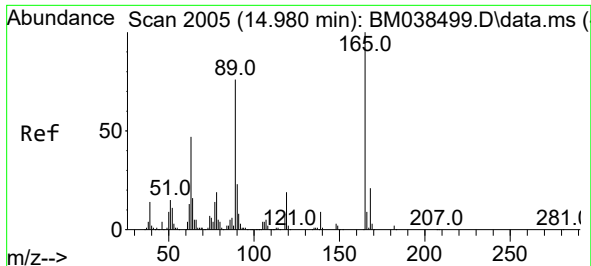
Tgt Ion:168 Resp: 93286
Ion Ratio Lower Upper
168 100
139 35.4 27.9 41.9
169 13.5 11.0 16.6



#56
4-Nitrophenol
Concen: 6.041 ng
RT: 14.821 min Scan# 1978
Delta R.T. 0.000 min
Lab File: BM038531.D
Acq: 25 Jan 2023 14:05

Tgt Ion:139 Resp: 9383
Ion Ratio Lower Upper
139 100
109 108.3 76.8 116.8
65 126.4 91.7 131.7





#57

2,4-Dinitrotoluene

Concen: 7.075 ng

RT: 14.974 min Scan# 2004

Delta R.T. -0.006 min

Lab File: BM038531.D

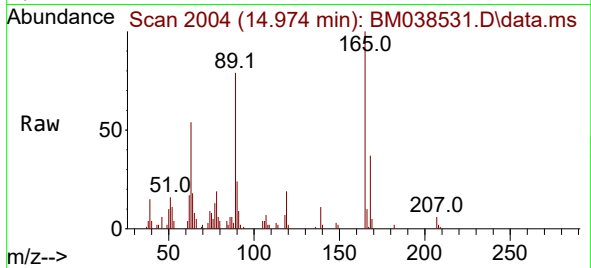
Acq: 25 Jan 2023 14:05

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2022



Tgt Ion:165 Resp: 18204

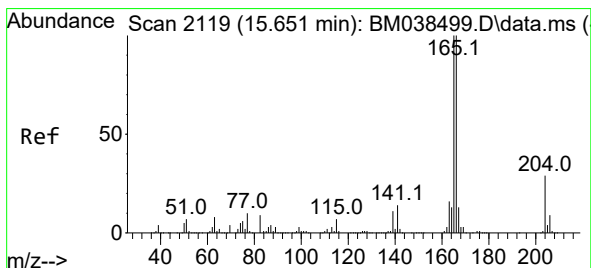
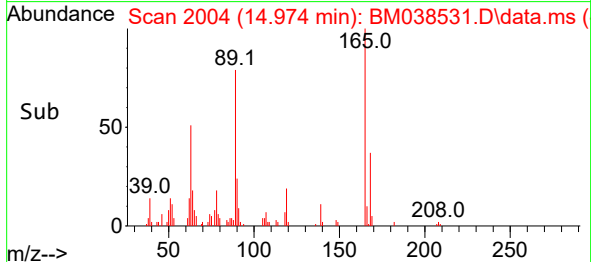
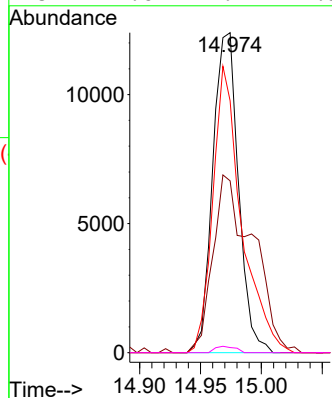
Ion Ratio Lower Upper

165 100

63 53.7 37.8 56.8

89 78.7 60.9 91.3

182 1.6 1.7 2.5#



#58

Fluorene

Concen: 7.803 ng

RT: 15.639 min Scan# 2117

Delta R.T. -0.012 min

Lab File: BM038531.D

Acq: 25 Jan 2023 14:05

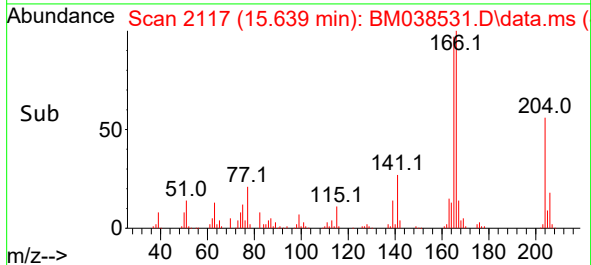
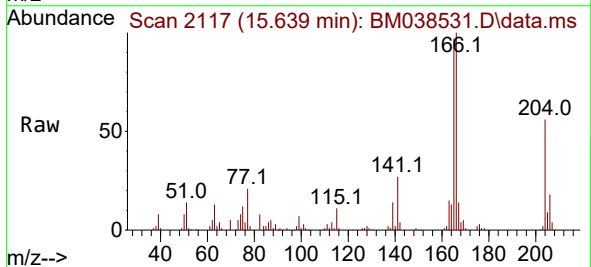
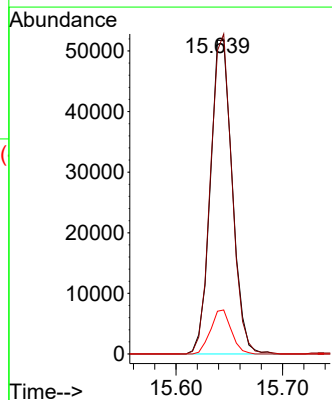
Tgt Ion:166 Resp: 73942

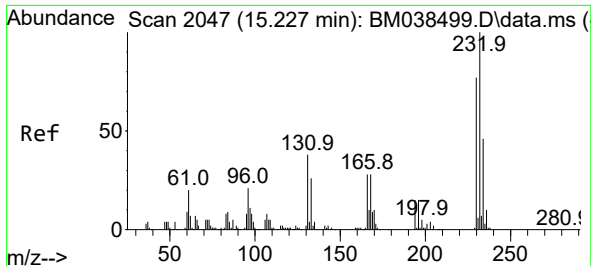
Ion Ratio Lower Upper

166 100

165 96.8 79.6 119.4

167 13.6 10.5 15.7





#59

2,3,4,6-Tetrachlorophenol

Concen: 7.789 ng

RT: 15.221 min Scan# 2046

Delta R.T. -0.006 min

Lab File: BM038531.D

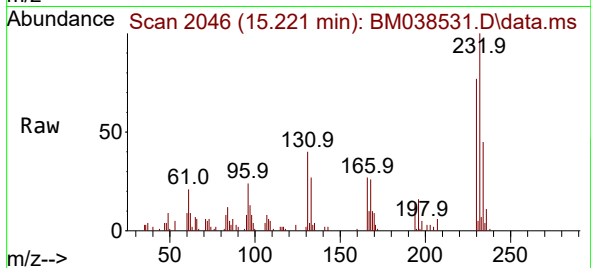
Acq: 25 Jan 2023 14:05

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2022



Tgt Ion:232 Resp: 21038

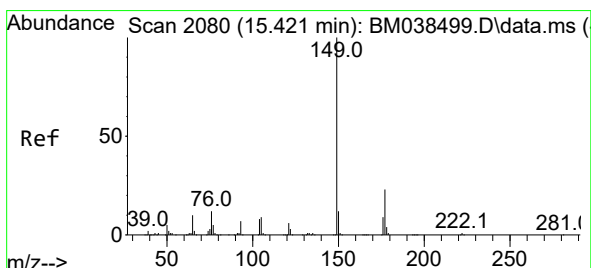
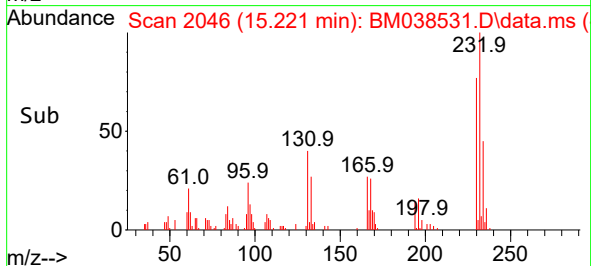
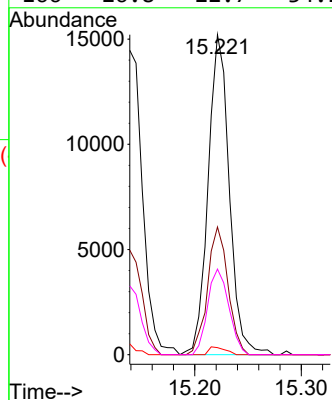
Ion Ratio Lower Upper

232 100

131 38.8 31.0 46.4

130 1.9 1.8 2.6

166 26.8 22.7 34.1



#60

Diethylphthalate

Concen: 7.721 ng

RT: 15.410 min Scan# 2078

Delta R.T. -0.012 min

Lab File: BM038531.D

Acq: 25 Jan 2023 14:05

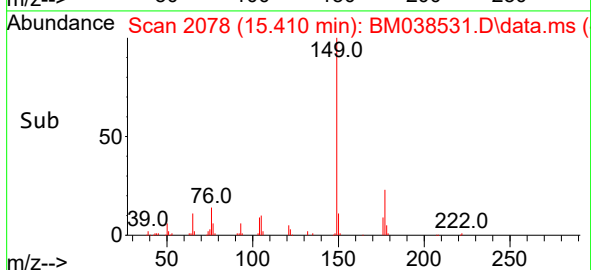
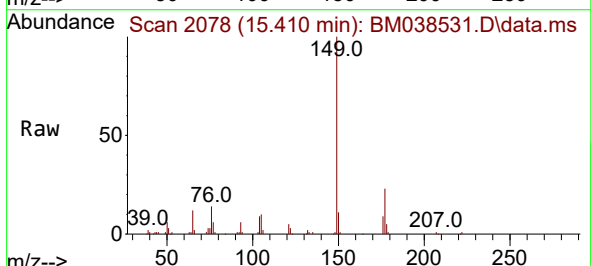
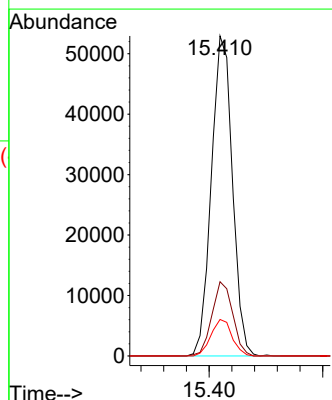
Tgt Ion:149 Resp: 68194

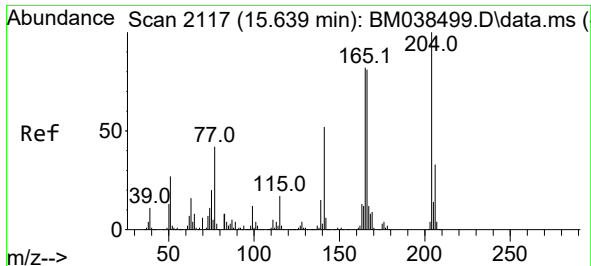
Ion Ratio Lower Upper

149 100

177 23.2 18.6 27.8

150 11.4 9.5 14.3

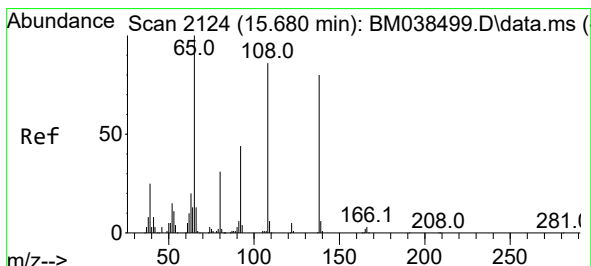
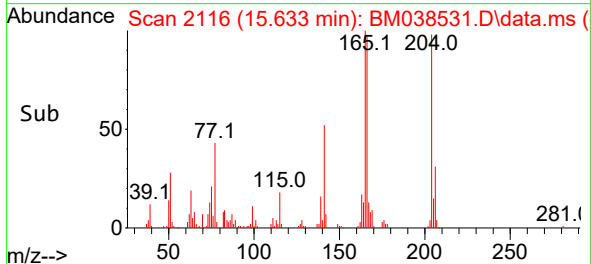
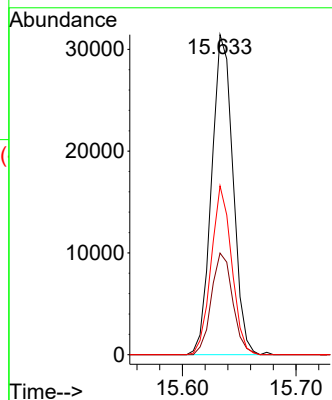
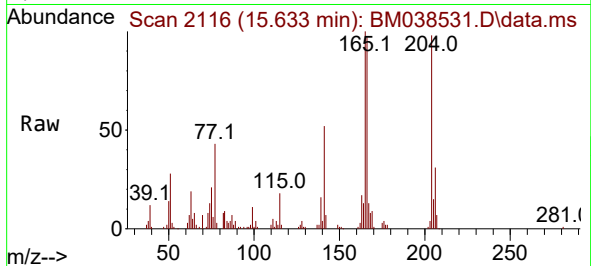




#61
4-Chlorophenyl-phenylether
Concen: 8.261 ng
RT: 15.633 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BM038531.D
Acq: 25 Jan 2023 14:05

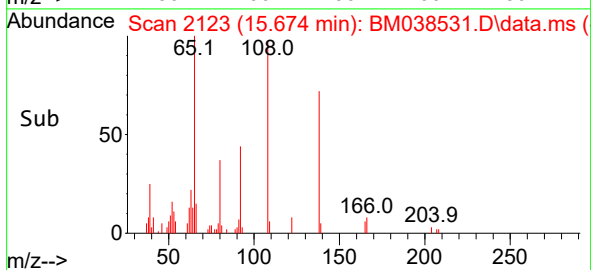
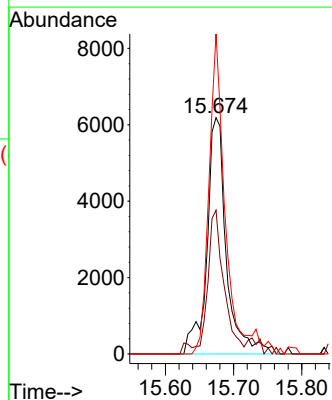
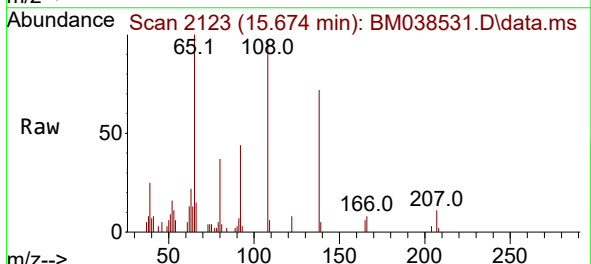
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2022

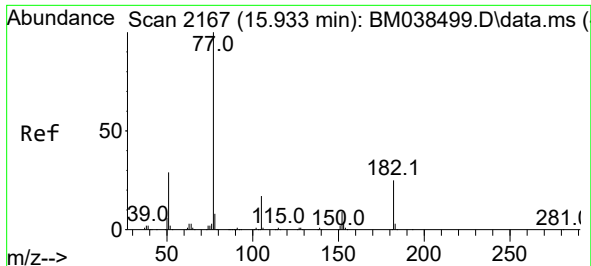
Tgt Ion:204 Resp: 41098
Ion Ratio Lower Upper
204 100
206 31.7 26.2 39.4
141 52.7 41.5 62.3



#62
4-Nitroaniline
Concen: 8.666 ng
RT: 15.674 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BM038531.D
Acq: 25 Jan 2023 14:05

Tgt Ion:138 Resp: 12319
Ion Ratio Lower Upper
138 100
92 60.8 35.2 75.2
108 135.4 87.3 127.3#

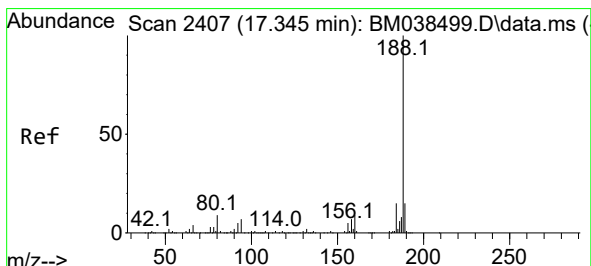
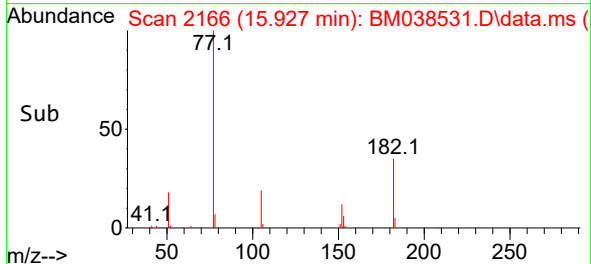
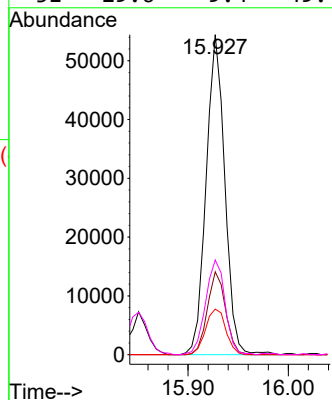
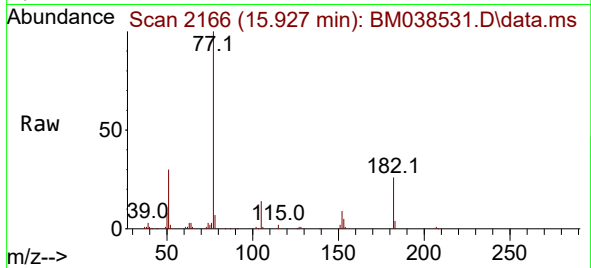




#63
Azobenzene
Concen: 7.551 ng
RT: 15.927 min Scan# 2166
Delta R.T. -0.006 min
Lab File: BM038531.D
Acq: 25 Jan 2023 14:05

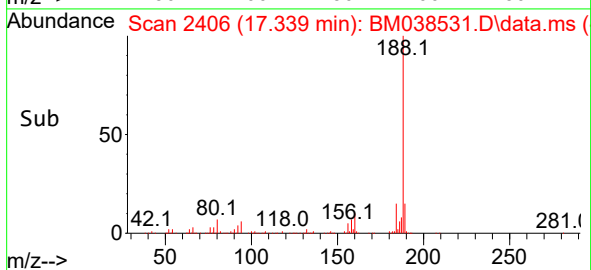
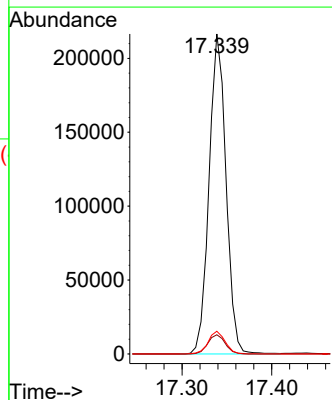
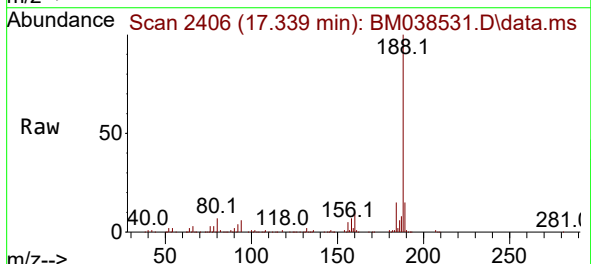
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2022

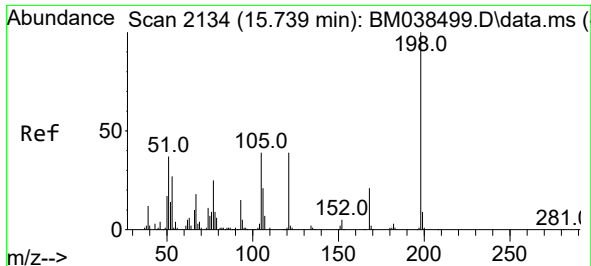
Tgt Ion: 77	Resp: 70665
Ion Ratio	Lower Upper
77 100	
182 25.9	4.7 44.7
105 14.2	0.0 36.7
51 29.6	9.4 49.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.339 min Scan# 2406
Delta R.T. -0.006 min
Lab File: BM038531.D
Acq: 25 Jan 2023 14:05

Tgt Ion: 188	Resp: 284001
Ion Ratio	Lower Upper
188 100	
94 6.0	6.0 9.0
80 7.1	6.9 10.3





#65

4,6-Dinitro-2-methylphenol

Concen: 6.310 ng

RT: 15.727 min Scan# 2132

Delta R.T. -0.012 min

Lab File: BM038531.D

Acq: 25 Jan 2023 14:05

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2022

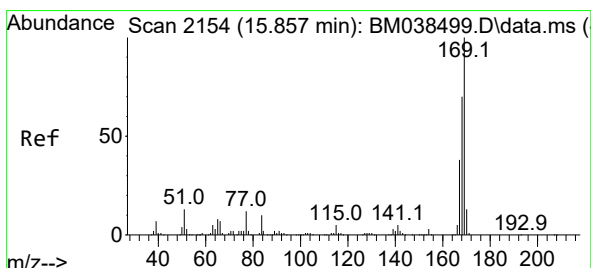
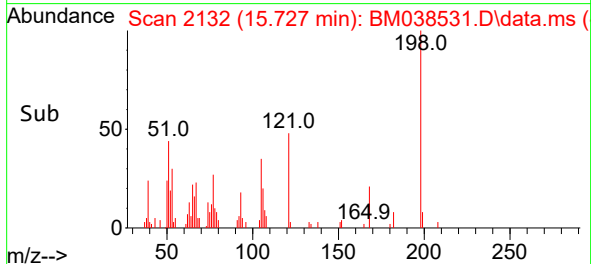
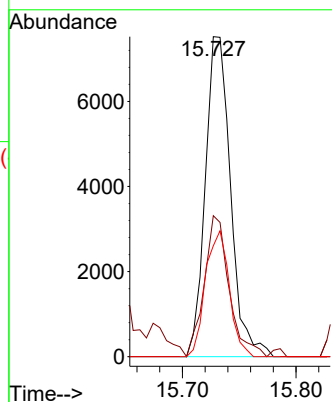
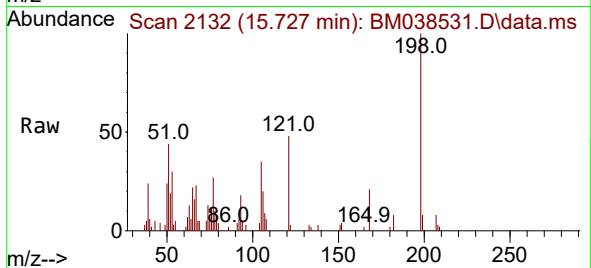
Tgt Ion:198 Resp: 11633

Ion Ratio Lower Upper

198 100

51 44.0 18.8 58.8

105 34.7 19.7 59.7



#66

n-Nitrosodiphenylamine

Concen: 7.138 ng

RT: 15.851 min Scan# 2153

Delta R.T. -0.006 min

Lab File: BM038531.D

Acq: 25 Jan 2023 14:05

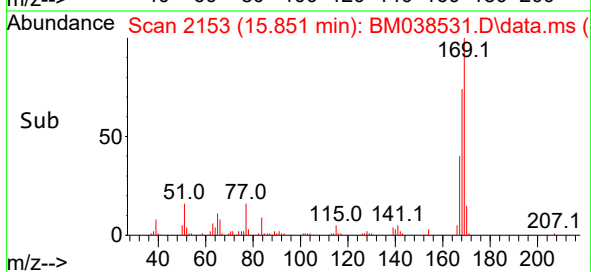
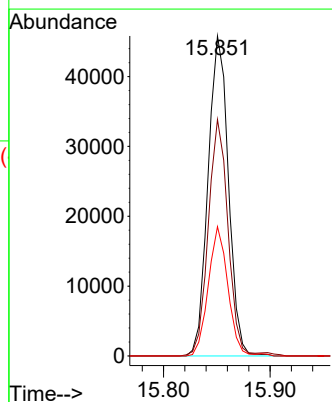
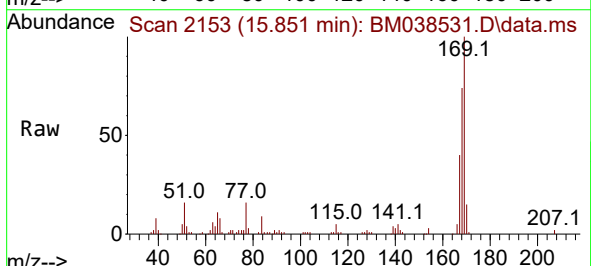
Tgt Ion:169 Resp: 60861

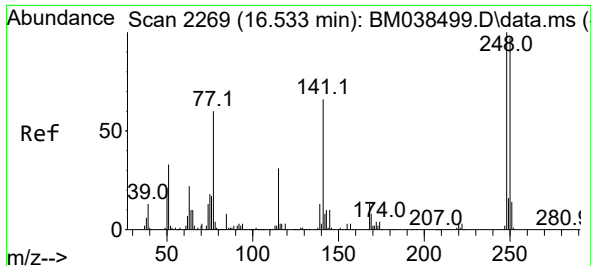
Ion Ratio Lower Upper

169 100

168 73.9 55.8 83.8

167 40.4 30.3 45.5

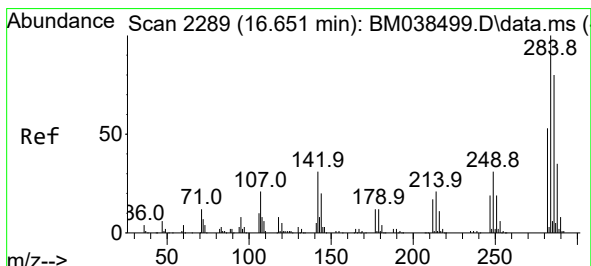
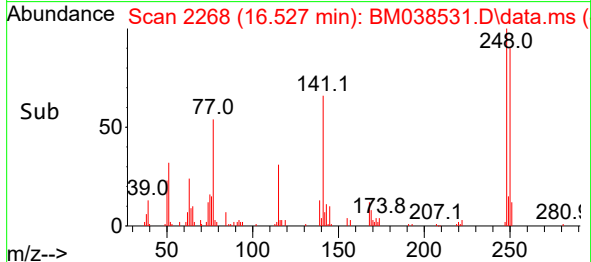
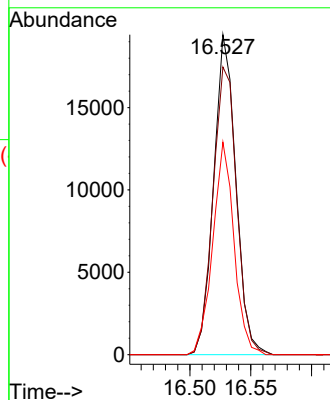
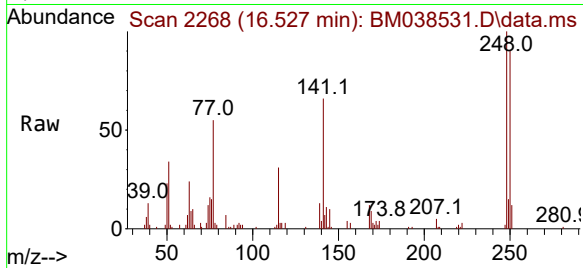




#67
4-Bromophenyl-phenylether
Concen: 7.838 ng
RT: 16.527 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM038531.D
Acq: 25 Jan 2023 14:05

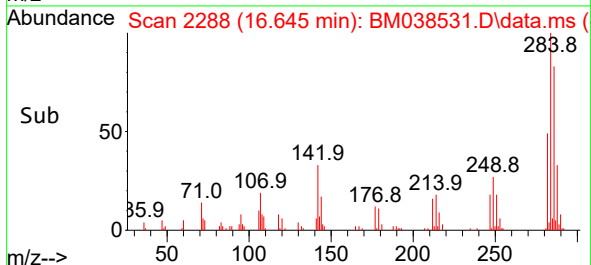
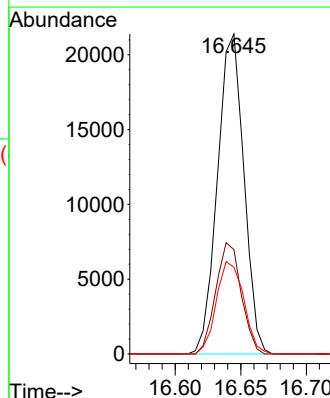
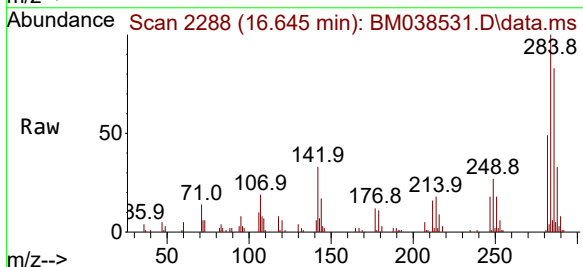
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2022

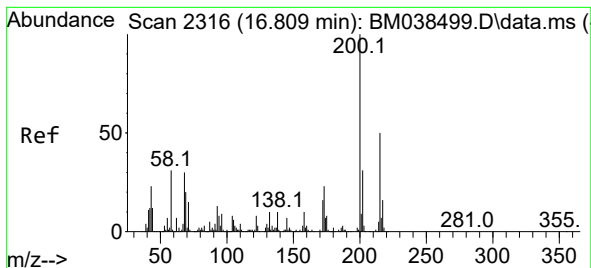
Tgt Ion:248 Resp: 24691
Ion Ratio Lower Upper
248 100
250 89.9 77.6 116.4
141 66.4 52.5 78.7



#68
Hexachlorobenzene
Concen: 8.813 ng
RT: 16.645 min Scan# 2288
Delta R.T. -0.006 min
Lab File: BM038531.D
Acq: 25 Jan 2023 14:05

Tgt Ion:284 Resp: 29957
Ion Ratio Lower Upper
284 100
142 32.6 25.2 37.8
249 27.1 24.4 36.6





#69

Atrazine

Concen: 8.214 ng

RT: 16.798 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM038531.D

Acq: 25 Jan 2023 14:05

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2022

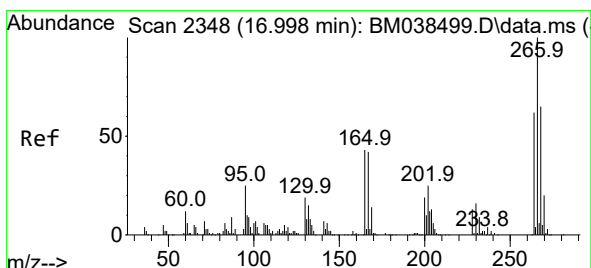
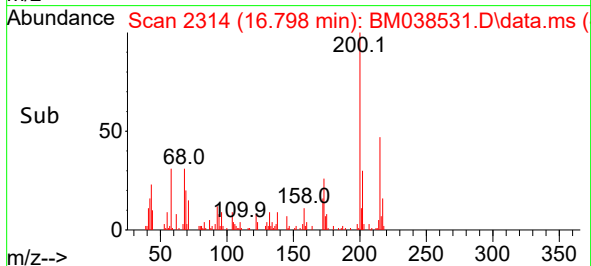
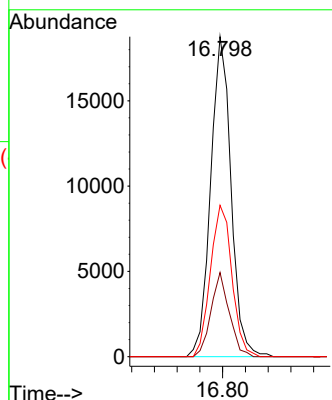
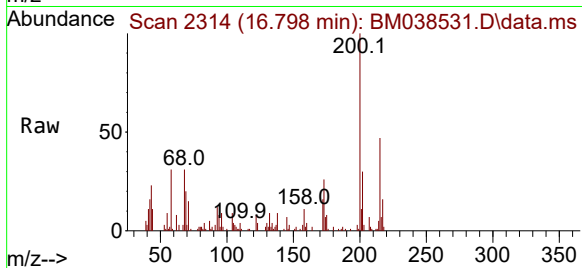
Tgt Ion:200 Resp: 23363

Ion Ratio Lower Upper

200 100

173 26.3 3.5 43.5

215 47.3 30.0 70.0



#70

Pentachlorophenol

Concen: 6.690 ng

RT: 16.992 min Scan# 2347

Delta R.T. -0.006 min

Lab File: BM038531.D

Acq: 25 Jan 2023 14:05

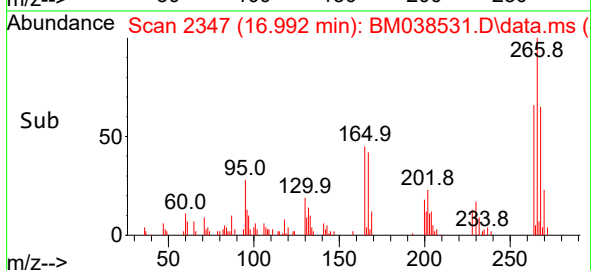
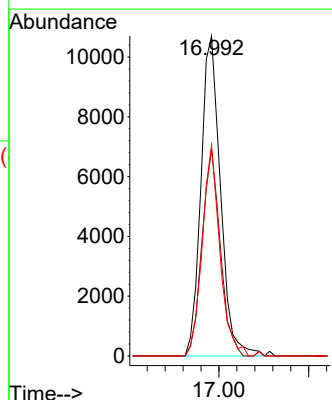
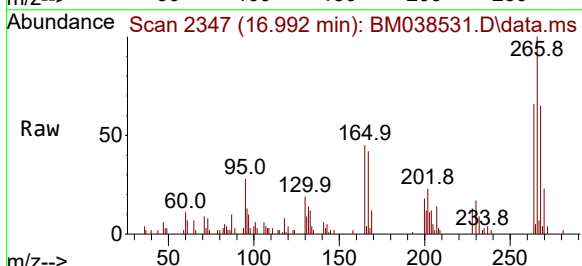
Tgt Ion:266 Resp: 16192

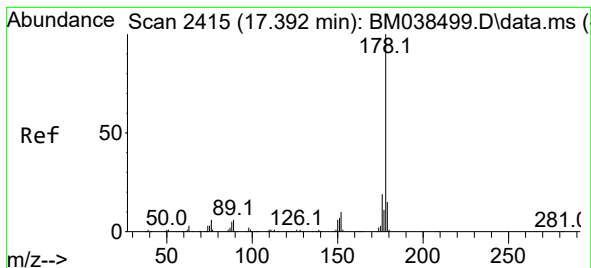
Ion Ratio Lower Upper

266 100

268 64.6 51.7 77.5

264 65.8 49.4 74.0





#71

Phenanthrene

Concen: 7.778 ng

RT: 17.380 min Scan# 2415

Delta R.T. -0.012 min

Lab File: BM038531.D

Acq: 25 Jan 2023 14:05

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2022

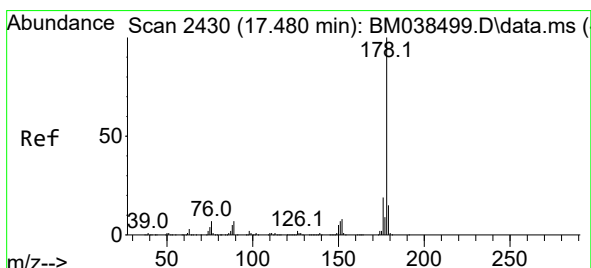
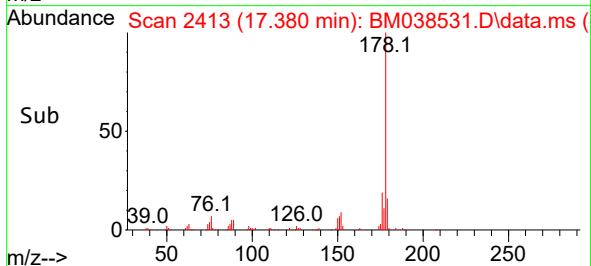
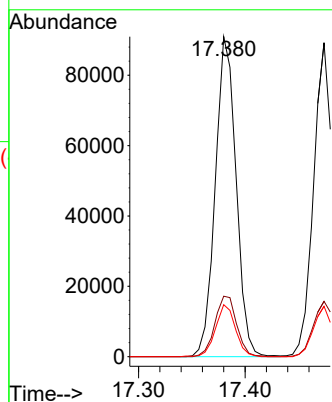
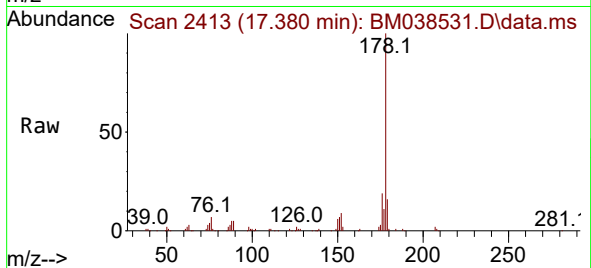
Tgt Ion:178 Resp: 123351

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.2

179 16.3 12.2 18.4



#72

Anthracene

Concen: 7.350 ng

RT: 17.474 min Scan# 2429

Delta R.T. -0.006 min

Lab File: BM038531.D

Acq: 25 Jan 2023 14:05

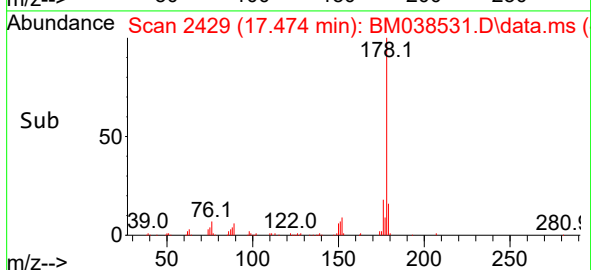
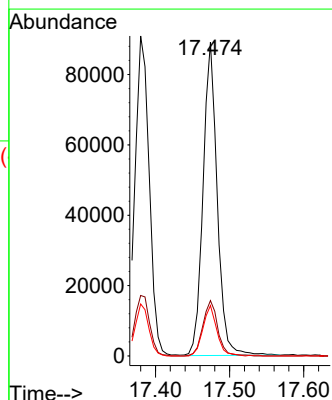
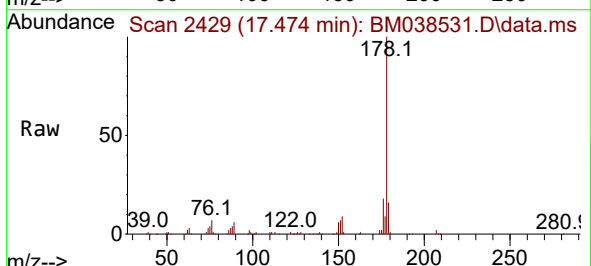
Tgt Ion:178 Resp: 118618

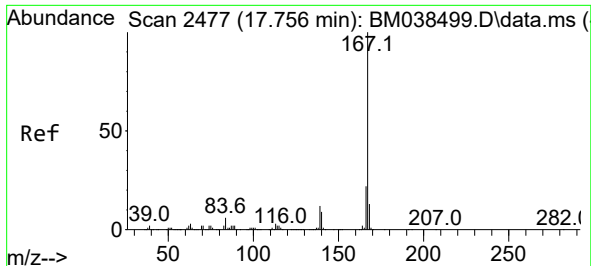
Ion Ratio Lower Upper

178 100

176 17.6 15.0 22.6

179 16.0 12.2 18.4

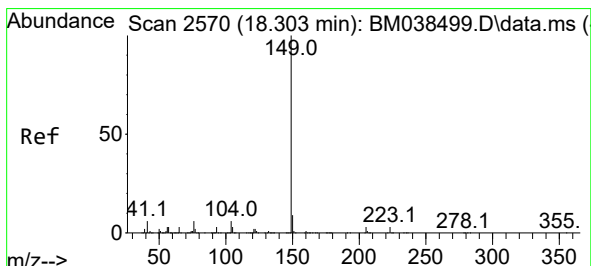
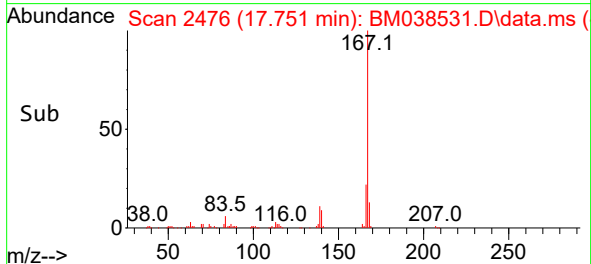
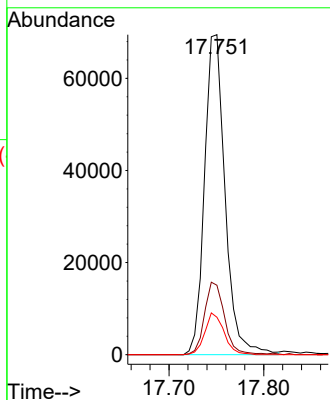
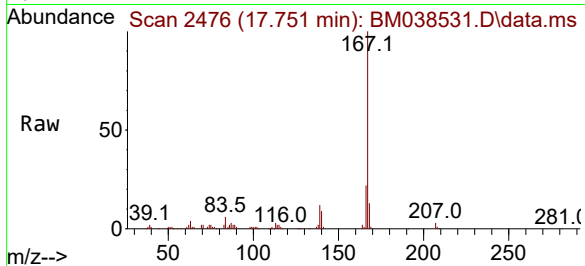




#73
 Carbazole
 Concen: 7.386 ng
 RT: 17.751 min Scan# 2477
 Delta R.T. -0.006 min
 Lab File: BM038531.D
 Acq: 25 Jan 2023 14:05

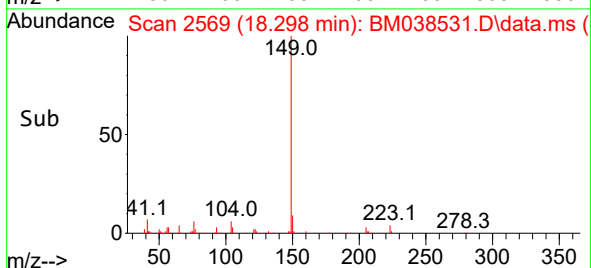
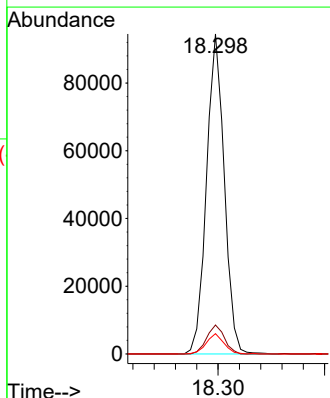
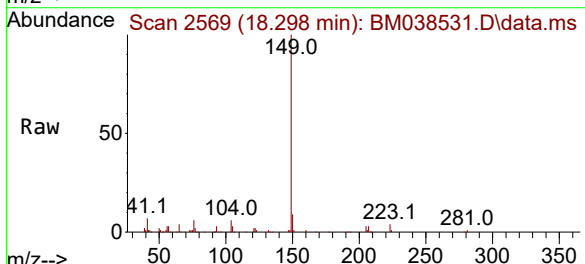
Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT4-2022

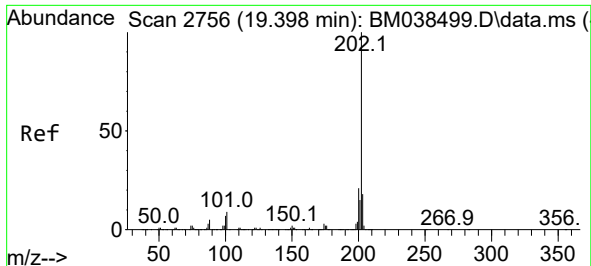
Tgt Ion:167 Resp: 104972
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.7 26.5
 139 11.7 9.4 14.0



#74
 Di-n-butylphthalate
 Concen: 7.007 ng
 RT: 18.298 min Scan# 2569
 Delta R.T. -0.006 min
 Lab File: BM038531.D
 Acq: 25 Jan 2023 14:05

Tgt Ion:149 Resp: 109406
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.0
 104 6.4 4.6 6.8

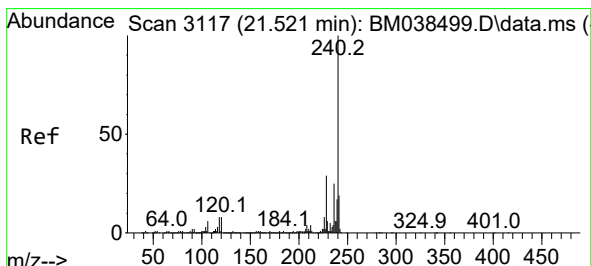
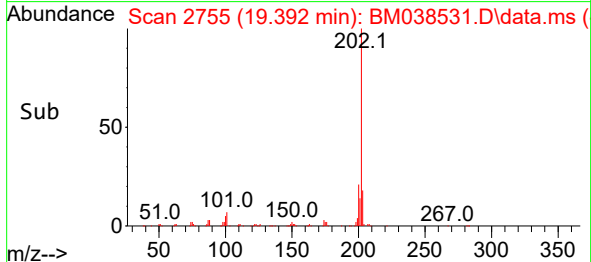
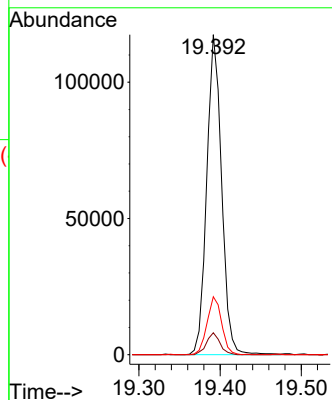
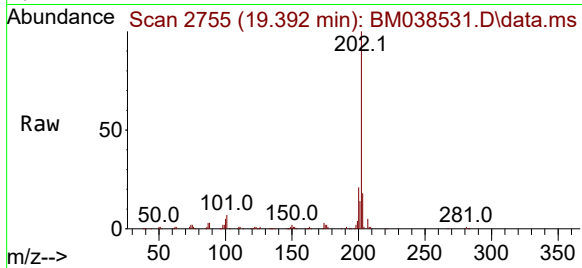




#75
Fluoranthene
Concen: 7.815 ng
RT: 19.392 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM038531.D
Acq: 25 Jan 2023 14:05

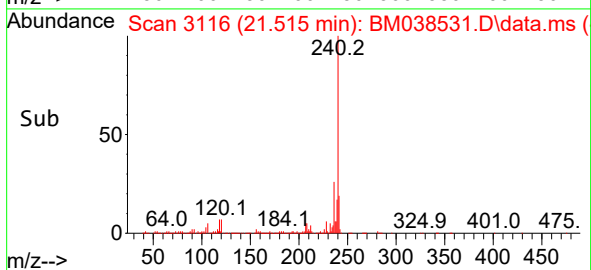
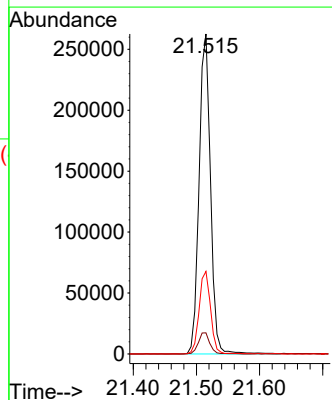
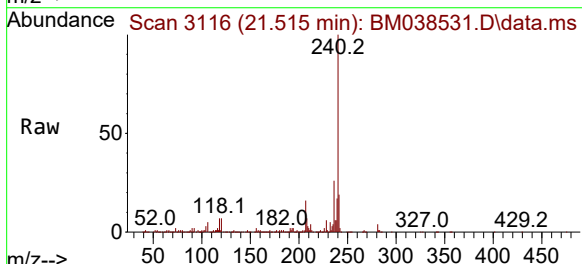
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2022

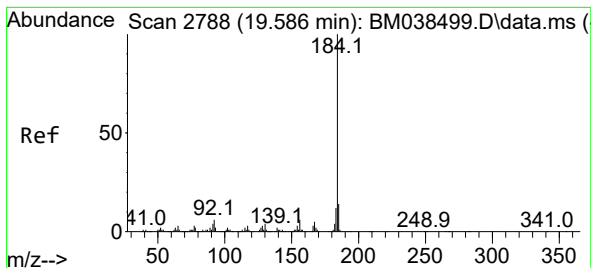
Tgt Ion:202 Resp: 148969
Ion Ratio Lower Upper
202 100
101 6.9 0.0 28.7
203 18.1 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.515 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BM038531.D
Acq: 25 Jan 2023 14:05

Tgt Ion:240 Resp: 328040
Ion Ratio Lower Upper
240 100
120 6.6 6.2 9.2
236 25.8 20.2 30.2





#77

Benzidine

Concen: 9.137 ng

RT: 19.586 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM038531.D

Acq: 25 Jan 2023 14:05

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2022

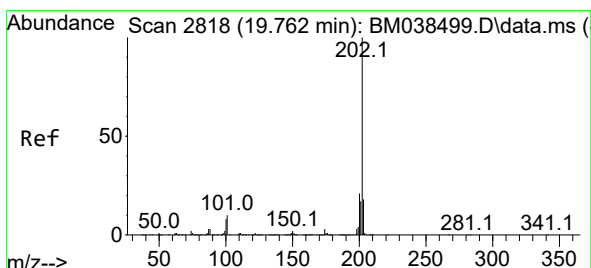
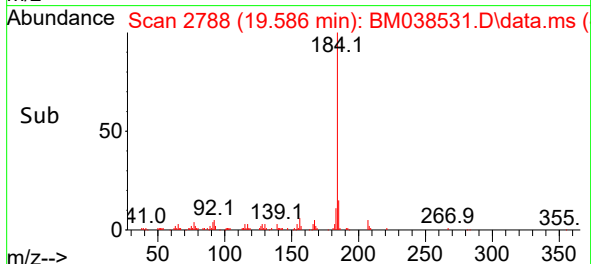
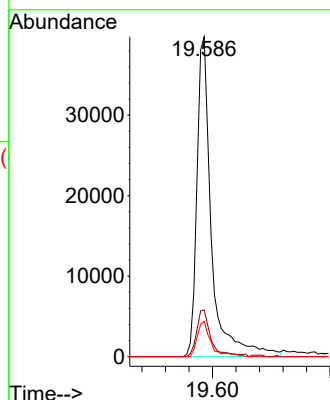
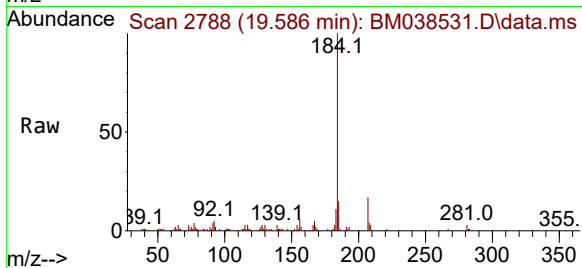
Tgt Ion:184 Resp: 68301

Ion Ratio Lower Upper

184 100

185 14.6 10.9 16.3

183 11.0 9.3 13.9



#78

Pyrene

Concen: 7.070 ng

RT: 19.756 min Scan# 2817

Delta R.T. -0.006 min

Lab File: BM038531.D

Acq: 25 Jan 2023 14:05

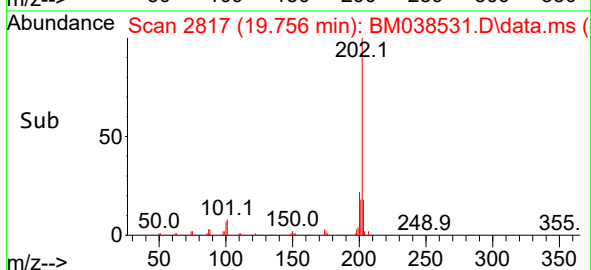
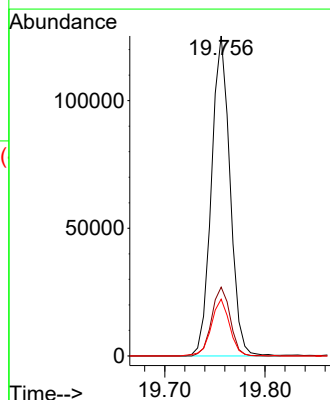
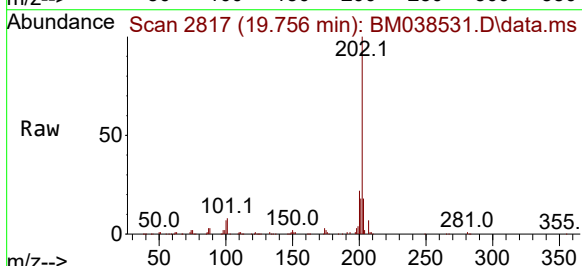
Tgt Ion:202 Resp: 161491

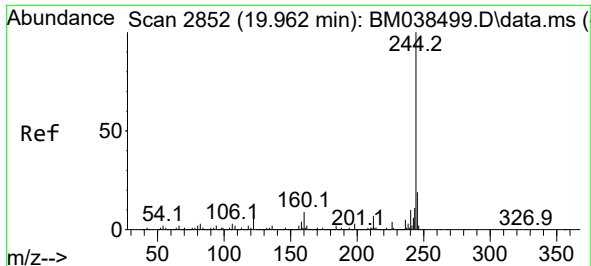
Ion Ratio Lower Upper

202 100

200 21.5 17.0 25.4

203 17.7 14.2 21.2

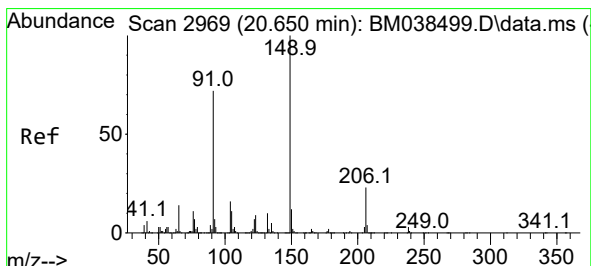
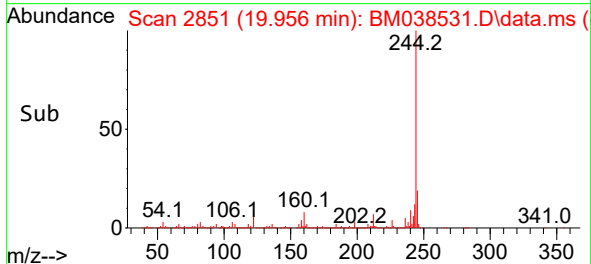
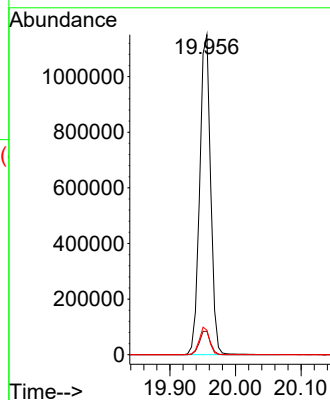
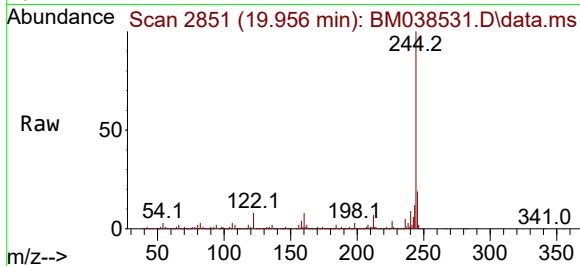




#79
 Terphenyl-d14
 Concen: 79.359 ng
 RT: 19.956 min Scan# 2851
 Delta R.T. -0.006 min
 Lab File: BM038531.D
 Acq: 25 Jan 2023 14:05

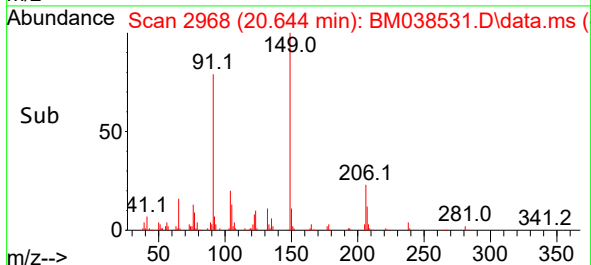
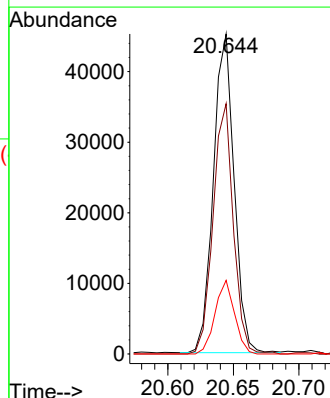
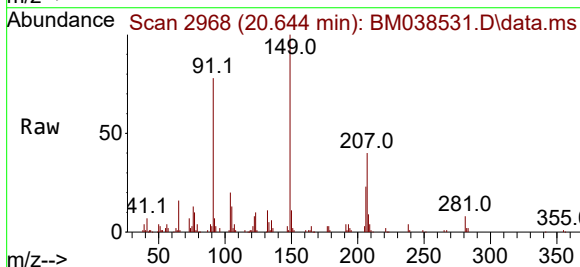
Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT4-2022

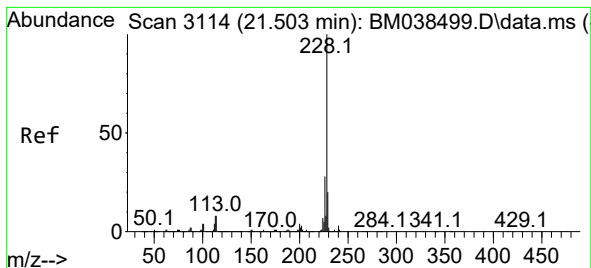
Tgt Ion:244 Resp: 1335351
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 7.7 6.7 10.1



#80
 Butylbenzylphthalate
 Concen: 6.281 ng
 RT: 20.644 min Scan# 2968
 Delta R.T. -0.006 min
 Lab File: BM038531.D
 Acq: 25 Jan 2023 14:05

Tgt Ion:149 Resp: 49612
 Ion Ratio Lower Upper
 149 100
 91 78.2 57.5 86.3
 206 23.0 18.2 27.2





#81

Benzo(a)anthracene

Concen: 7.795 ng

RT: 21.497 min Scan# 3114

Delta R.T. -0.006 min

Lab File: BM038531.D

Acq: 25 Jan 2023 14:05

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2022

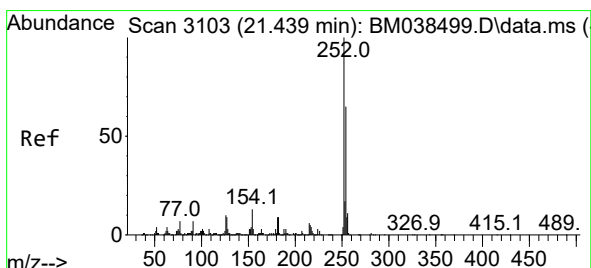
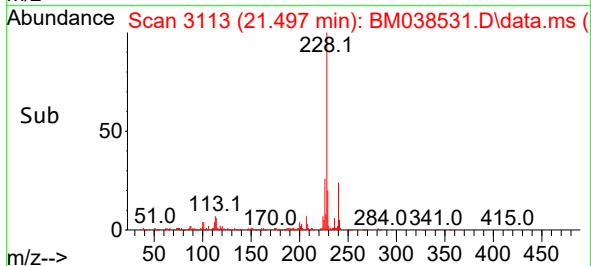
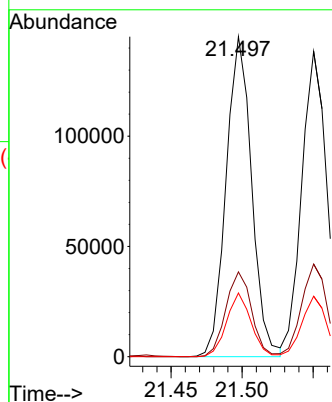
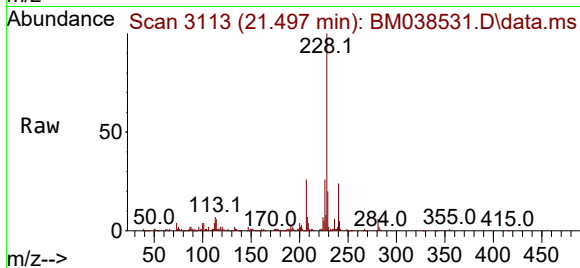
Tgt Ion:228 Resp: 181198

Ion Ratio Lower Upper

228 100

226 26.5 22.2 33.2

229 19.9 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 8.562 ng

RT: 21.433 min Scan# 3102

Delta R.T. -0.006 min

Lab File: BM038531.D

Acq: 25 Jan 2023 14:05

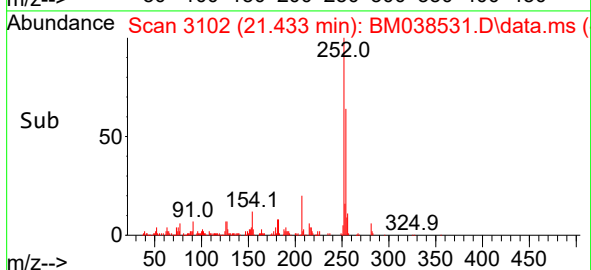
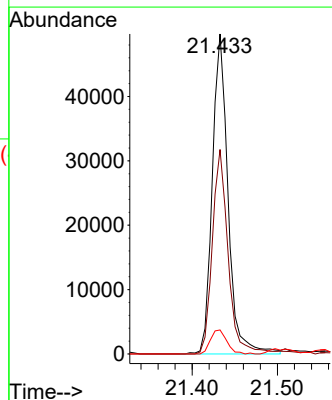
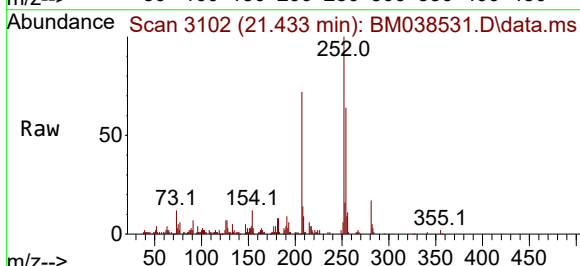
Tgt Ion:252 Resp: 63924

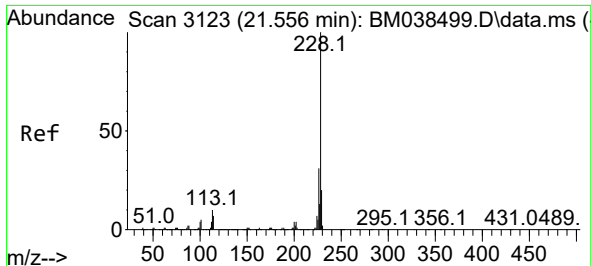
Ion Ratio Lower Upper

252 100

254 63.9 51.9 77.9

126 7.5 7.7 11.5





#83

Chrysene

Concen: 7.656 ng

RT: 21.550 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM038531.D

Acq: 25 Jan 2023 14:05

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2022

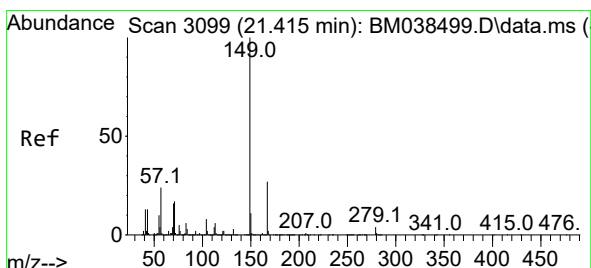
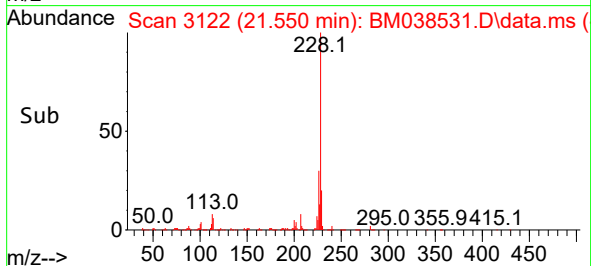
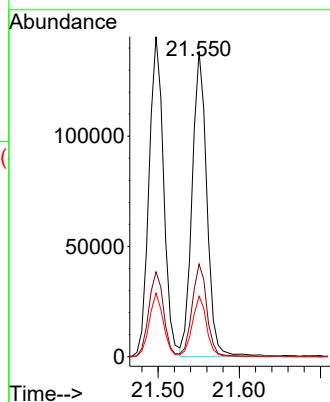
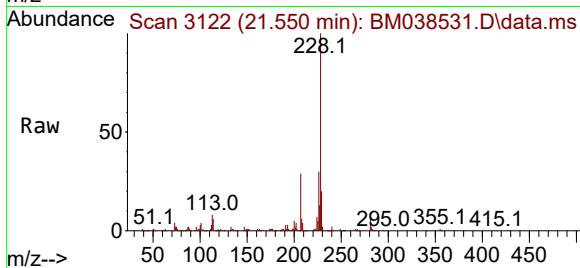
Tgt Ion:228 Resp: 174027

Ion Ratio Lower Upper

228 100

226 30.3 24.4 36.6

229 19.8 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 6.542 ng

RT: 21.409 min Scan# 3098

Delta R.T. -0.006 min

Lab File: BM038531.D

Acq: 25 Jan 2023 14:05

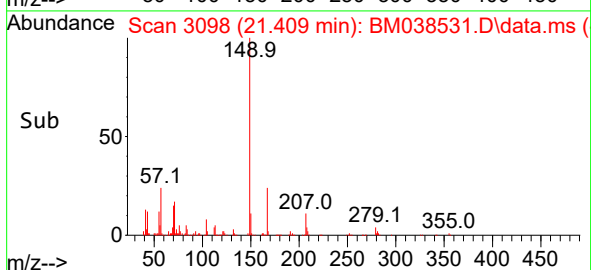
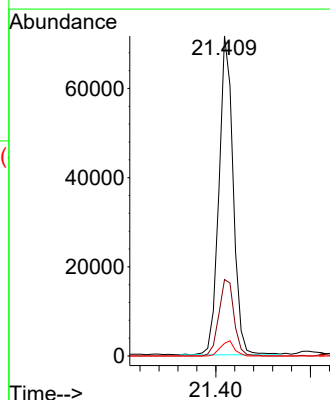
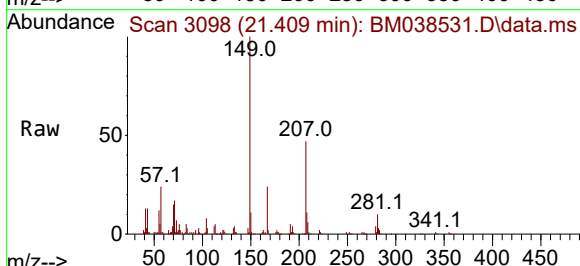
Tgt Ion:149 Resp: 74891

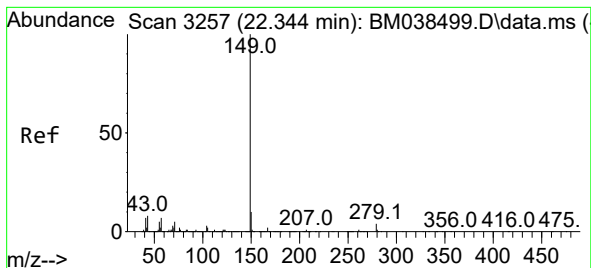
Ion Ratio Lower Upper

149 100

167 23.9 21.3 31.9

279 4.0 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 6.482 ng

RT: 22.338 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM038531.D

Acq: 25 Jan 2023 14:05

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2022

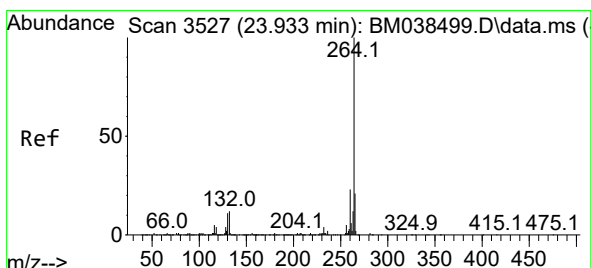
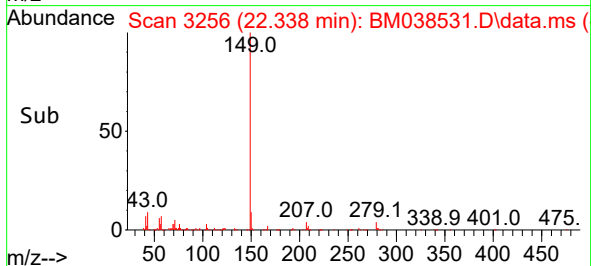
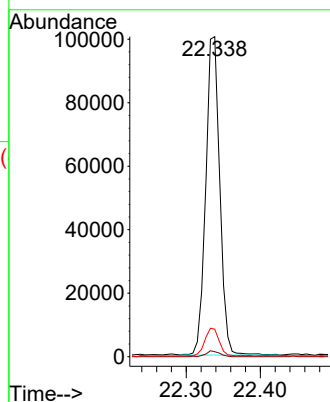
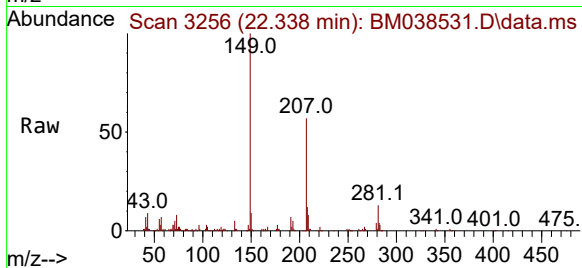
Tgt Ion:149 Resp: 131938

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

43 8.8 6.7 10.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.927 min Scan# 3526

Delta R.T. -0.006 min

Lab File: BM038531.D

Acq: 25 Jan 2023 14:05

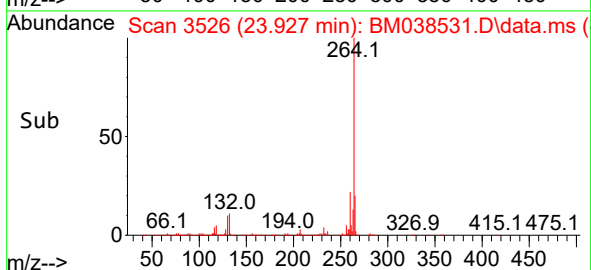
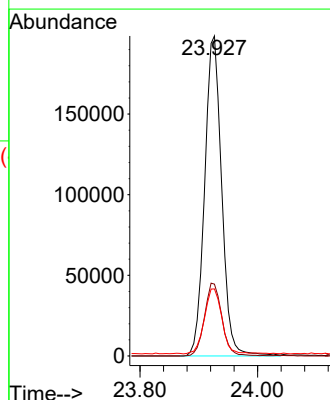
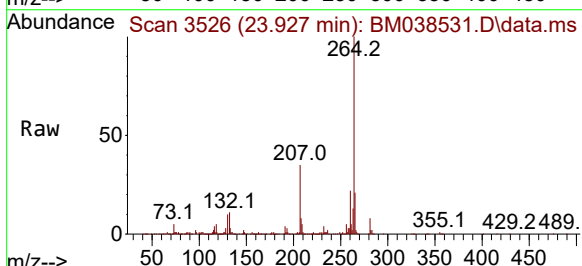
Tgt Ion:264 Resp: 398831

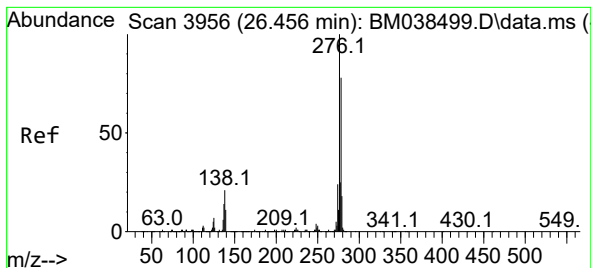
Ion Ratio Lower Upper

264 100

260 22.4 18.5 27.7

265 20.9 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 7.481 ng

RT: 26.438 min Scan# 3400

Delta R.T. -0.018 min

Lab File: BM038531.D

Acq: 25 Jan 2023 14:05

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2022

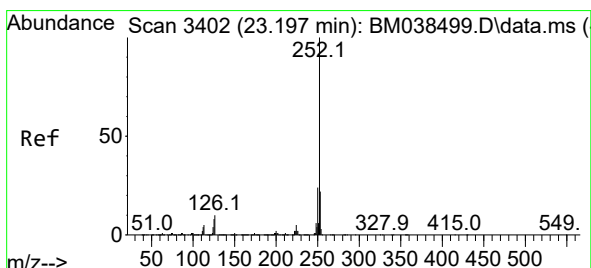
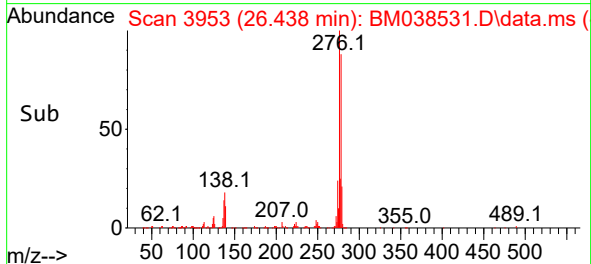
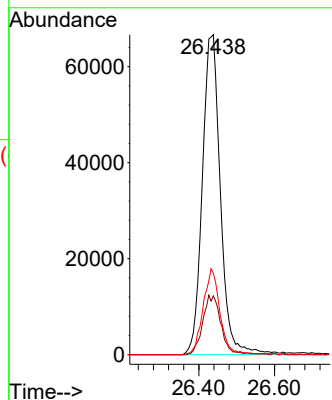
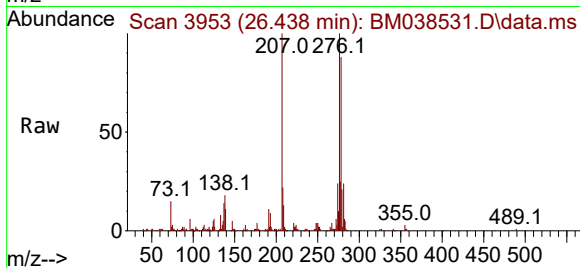
Tgt Ion:276 Resp: 220797

Ion Ratio Lower Upper

276 100

138 18.6 15.8 23.8

277 24.5 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 7.971 ng

RT: 23.185 min Scan# 3400

Delta R.T. -0.012 min

Lab File: BM038531.D

Acq: 25 Jan 2023 14:05

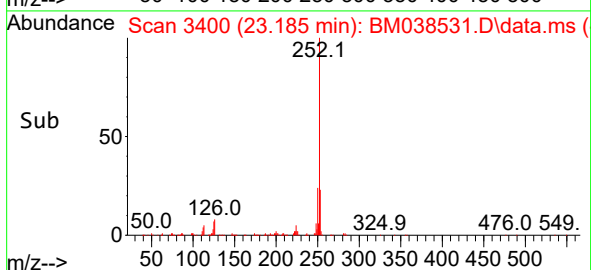
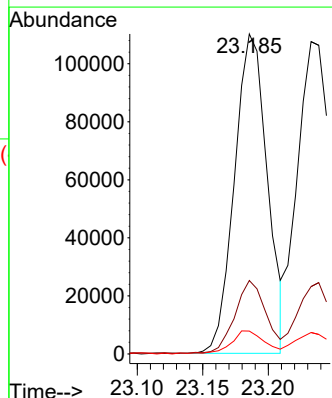
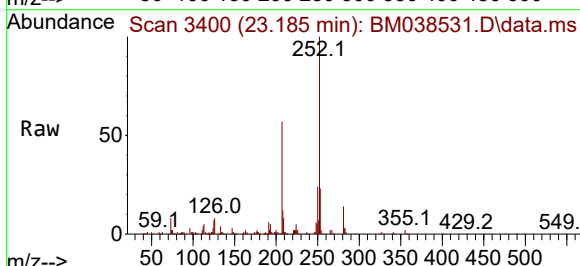
Tgt Ion:252 Resp: 191766

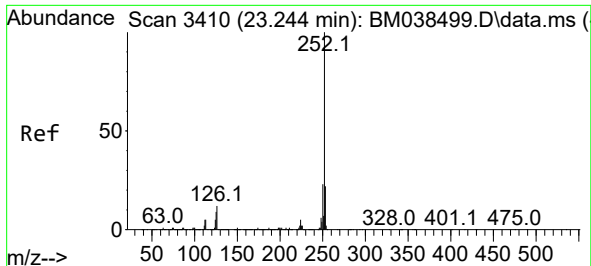
Ion Ratio Lower Upper

252 100

253 23.0 17.4 26.0

125 7.1 6.4 9.6

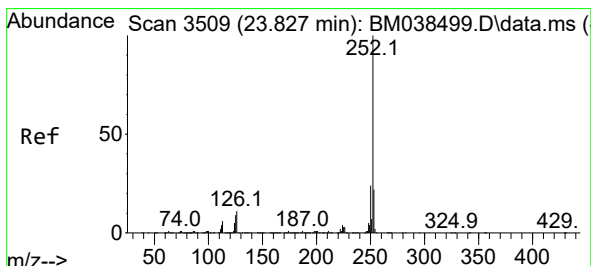
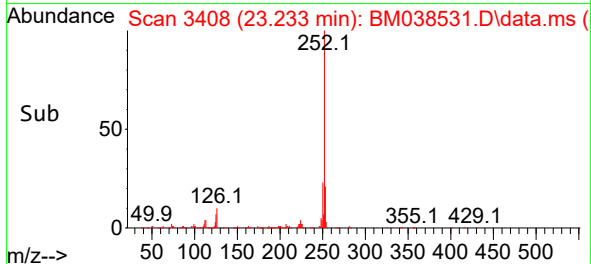
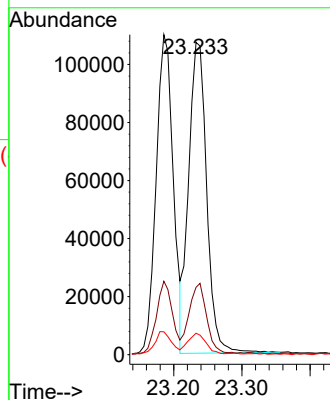
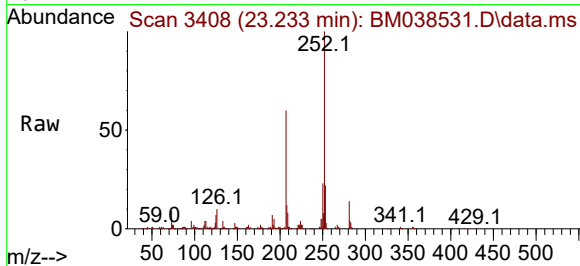




#89
Benzo(k)fluoranthene
Concen: 7.876 ng
RT: 23.233 min Scan# 34
Delta R.T. -0.012 min
Lab File: BM038531.D
Acq: 25 Jan 2023 14:05

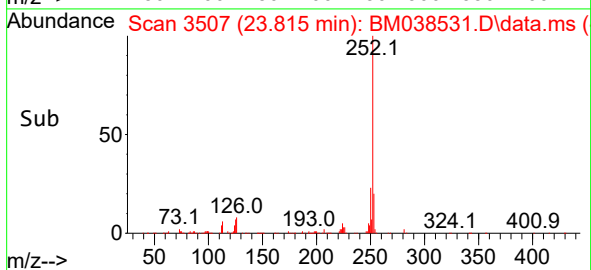
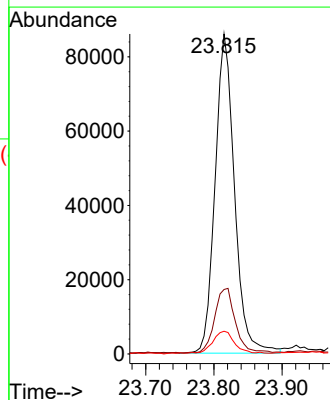
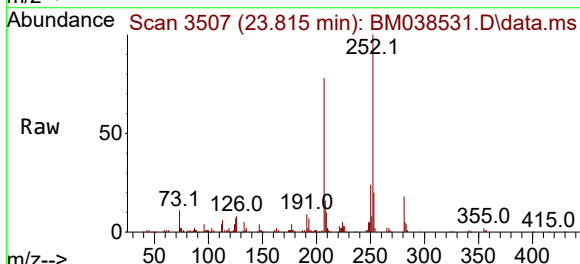
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2022

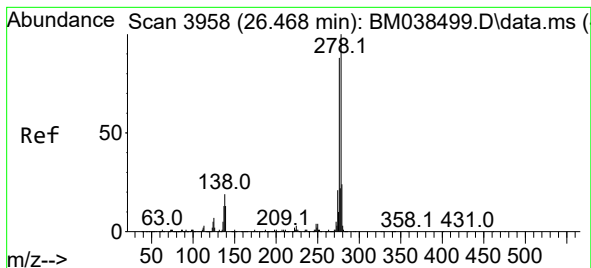
Tgt Ion:252 Resp: 196079
Ion Ratio Lower Upper
252 100
253 21.6 17.8 26.8
125 6.9 6.8 10.2



#90
Benzo(a)pyrene
Concen: 7.145 ng
RT: 23.815 min Scan# 3507
Delta R.T. -0.012 min
Lab File: BM038531.D
Acq: 25 Jan 2023 14:05

Tgt Ion:252 Resp: 170436
Ion Ratio Lower Upper
252 100
253 20.1 17.4 26.0
125 7.1 7.3 10.9#





#91

Dibenzo(a,h)anthracene

Concen: 7.760 ng

RT: 26.444 min Scan# 3954

Delta R.T. -0.024 min

Lab File: BM038531.D

Acq: 25 Jan 2023 14:05

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2022

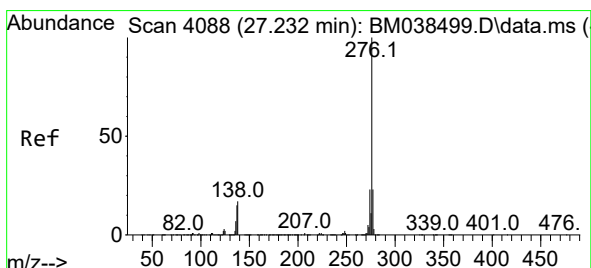
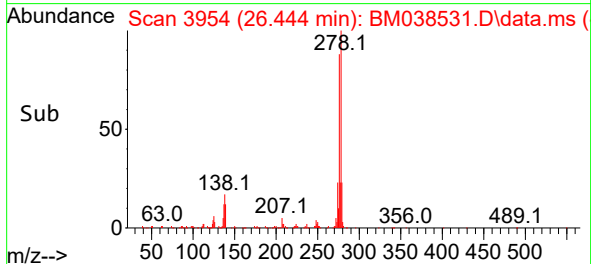
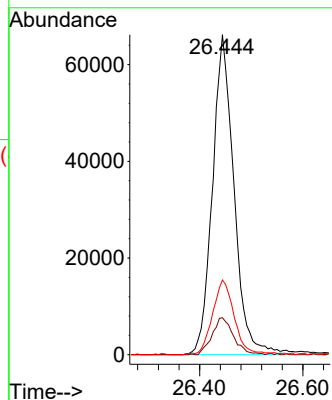
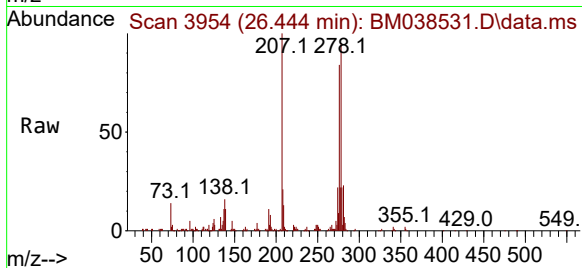
Tgt Ion:278 Resp: 190624

Ion Ratio Lower Upper

278 100

139 11.5 10.3 15.5

279 23.4 19.3 28.9



#92

Benzo(g,h,i)perylene

Concen: 7.824 ng

RT: 27.209 min Scan# 4084

Delta R.T. -0.024 min

Lab File: BM038531.D

Acq: 25 Jan 2023 14:05

Tgt Ion:276 Resp: 196882

Ion Ratio Lower Upper

276 100

277 23.5 18.8 28.2

138 14.4 13.8 20.8

