

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031423\
 Data File : BP014080.D
 Acq On : 14 Mar 2023 12:49
 Operator : CG/JU
 Sample : 01627-09
 Misc : MDL-MDL-WATER 4ppm
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Mar 15 04:04:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 14 04:15:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.069	152	165154	20.000	ng	0.00
21) Naphthalene-d8	10.893	136	596496	20.000	ng	# 0.00
39) Acenaphthene-d10	14.710	164	391830	20.000	ng	0.00
64) Phenanthrene-d10	17.463	188	847456	20.000	ng	# 0.00
76) Chrysene-d12	21.545	240	720410	20.000	ng	0.00
86) Perylene-d12	24.080	264	652088	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.611	112	1120432	110.022	ng	0.00
7) Phenol-d6	7.222	99	1456390	108.926	ng	0.00
23) Nitrobenzene-d5	9.246	82	1085518	83.176	ng	0.00
42) 2,4,6-Tribromophenol	16.204	330	683547	107.595	ng	0.00
45) 2-Fluorobiphenyl	13.334	172	2389357	79.004	ng	0.00
79) Terphenyl-d14	20.004	244	3525080	80.686	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.470	88	17086	3.862	ng	92
3) Pyridine	3.905	79	34469	2.806	ng	97
4) n-Nitrosodimethylamine	3.793	42	18782	3.444	ng	# 90
6) Aniline	7.393	93	61951	3.527	ng	99
8) 2-Chlorophenol	7.628	128	40404	3.704	ng	93
9) Benzaldehyde	7.211	77	41504	6.203	ng	97
10) Phenol	7.246	94	52807	3.795	ng	94
11) bis(2-Chloroethyl)ether	7.487	93	43037	3.906	ng	96
12) 1,3-Dichlorobenzene	7.958	146	47452	3.959	ng	99
13) 1,4-Dichlorobenzene	8.105	146	48178	3.973	ng	98
14) 1,2-Dichlorobenzene	8.422	146	47074	4.053	ng	97
15) Benzyl Alcohol	8.316	79	34846	3.197	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.593	45	54048	4.506	ng	95
17) 2-Methylphenol	8.511	107	32252	3.250	ng	96
18) Hexachloroethane	9.158	117	17050	3.743	ng	95
19) n-Nitroso-di-n-propyla...	8.875	70	32380	3.679	ng	# 96
20) 3+4-Methylphenols	8.840	107	41701	3.120	ng	93
22) Acetophenone	8.899	105	63703	3.807	ng	# 95
24) Nitrobenzene	9.287	77	55985	4.193	ng	97
25) Isophorone	9.810	82	85786	3.567	ng	98
26) 2-Nitrophenol	10.005	139	18894	3.253	ng	94
27) 2,4-Dimethylphenol	10.057	122	33476	3.545	ng	92
28) bis(2-Chloroethoxy)met...	10.293	93	53927	3.875	ng	96
29) 2,4-Dichlorophenol	10.546	162	31643	3.061	ng	98
30) 1,2,4-Trichlorobenzene	10.752	180	43984	3.747	ng	98
31) Naphthalene	10.946	128	128507	3.921	ng	99
32) Benzoic acid	10.175	122	4711	3.269	ng	# 82
33) 4-Chloroaniline	11.063	127	43252	3.078	ng	96
34) Hexachlorobutadiene	11.222	225	29911	3.505	ng	97
35) Caprolactam	11.834	113	9065	3.063	ng	# 89
36) 4-Chloro-3-methylphenol	12.169	107	38980	3.381	ng	98
37) 2-Methylnaphthalene	12.540	142	87205	3.606	ng	96
38) 1-Methylnaphthalene	12.757	142	82807	3.674	ng	99
40) 1,2,4,5-Tetrachloroben...	12.904	216	54060	3.620	ng	98
41) Hexachlorocyclopentadiene	12.881	237	27212	2.903	ng	99
43) 2,4,6-Trichlorophenol	13.146	196	29332	3.107	ng	99

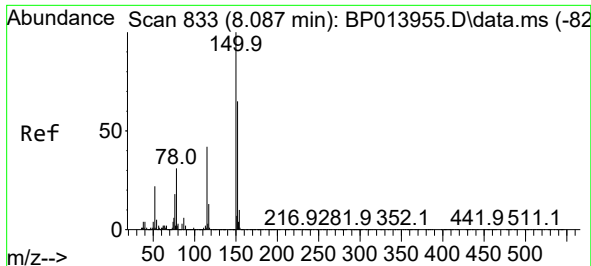
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 14 04:15:47 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.222	196	29819	2.726	ng	97
46) 1,1'-Biphenyl	13.546	154	126724	4.018	ng	96
47) 2-Chloronaphthalene	13.587	162	93665	3.858	ng	99
48) 2-Nitroaniline	13.798	65	22548	3.060	ng	97
49) Acenaphthylene	14.434	152	136939	3.547	ng	98
50) Dimethylphthalate	14.157	163	117070	3.622	ng	99
51) 2,6-Dinitrotoluene	14.281	165	21370	3.139	ng	95
52) Acenaphthene	14.769	154	87618	3.770	ng	97
53) 3-Nitroaniline	14.622	138	18116	2.715	ng	99
54) 2,4-Dinitrophenol	14.840	184	7438	4.495	ng	92
55) Dibenzofuran	15.104	168	144976	3.826	ng	97
56) 4-Nitrophenol	14.945	139	11897	2.190	ng	# 79
57) 2,4-Dinitrotoluene	15.069	165	26809	2.946	ng	# 97
58) Fluorene	15.757	166	112685	3.745	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.334	232	30794	3.227	ng	97
60) Diethylphthalate	15.516	149	113383	3.553	ng	99
61) 4-Chlorophenyl-phenyle...	15.745	204	59896	3.512	ng	95
62) 4-Nitroaniline	15.787	138	16568	2.494	ng	# 83
63) Azobenzene	16.040	77	104969	3.554	ng	95
65) 4,6-Dinitro-2-methylph...	15.840	198	13418	2.138	ng	83
66) n-Nitrosodiphenylamine	15.963	169	95658	3.572	ng	100
67) 4-Bromophenyl-phenylether	16.645	248	36613	3.266	ng	93
68) Hexachlorobenzene	16.763	284	44883	3.735	ng	98
69) Atrazine	16.910	200	32120	3.416	ng	97
70) Pentachlorophenol	17.116	266	20322	2.345	ng	94
71) Phenanthrene	17.504	178	181914	3.842	ng	99
72) Anthracene	17.598	178	170650	3.528	ng	98
73) Carbazole	17.869	167	141472	3.390	ng	100
74) Di-n-butylphthalate	18.398	149	160285	3.072	ng	99
75) Fluoranthene	19.463	202	193142	3.413	ng	97
77) Benzidine	19.639	184	71955	6.937	ng	99
78) Pyrene	19.816	202	204257	3.694	ng	100
80) Butylbenzylphthalate	20.669	149	58207	2.777	ng	94
81) Benzo(a)anthracene	21.527	228	186532	3.529	ng	98
82) 3,3'-Dichlorobenzidine	21.457	252	59195	3.500	ng	97
83) Chrysene	21.580	228	183268	3.661	ng	99
84) Bis(2-ethylhexyl)phtha...	21.422	149	78875	2.565	ng	98
85) Di-n-octyl phthalate	22.392	149	113757	2.279	ng	96
87) Indeno(1,2,3-cd)pyrene	26.745	276	152629	3.029	ng	97
88) Benzo(b)fluoranthene	23.298	252	156443	3.664	ng	97
89) Benzo(k)fluoranthene	23.298	252	156443	3.695	ng	96
90) Benzo(a)pyrene	23.963	252	129246	3.173	ng	# 96
91) Dibenzo(a,h)anthracene	26.762	278	127048	3.033	ng	# 97
92) Benzo(g,h,i)perylene	27.568	276	128239	3.089	ng	# 97

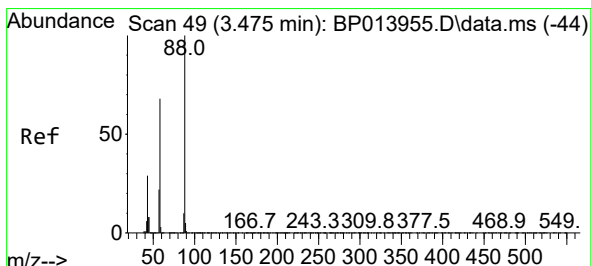
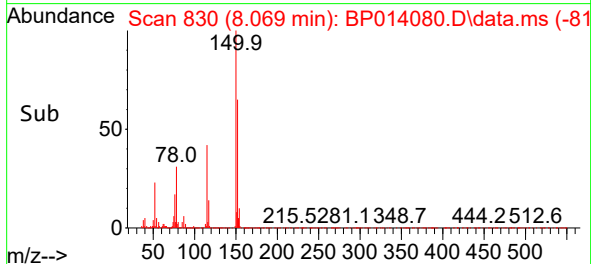
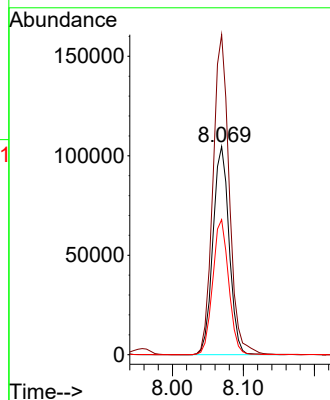
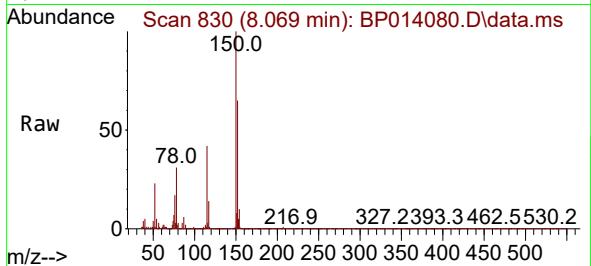
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.069 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

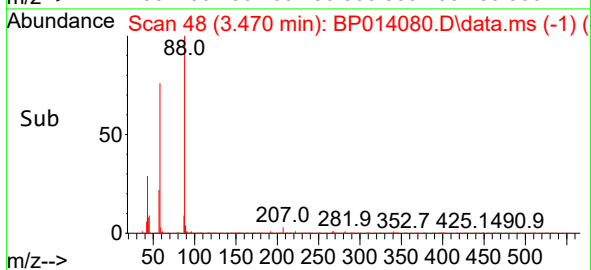
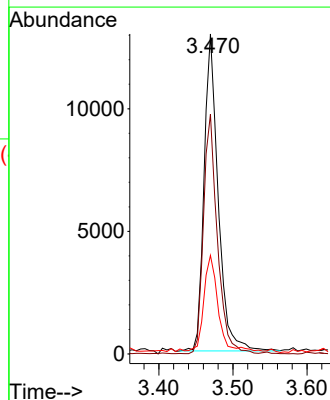
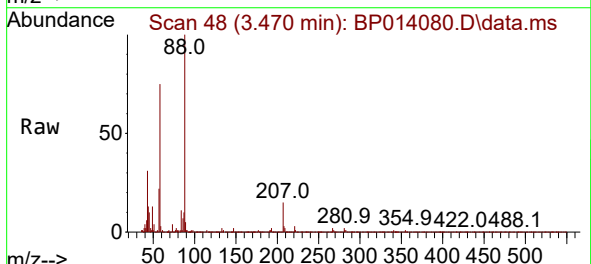
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2023

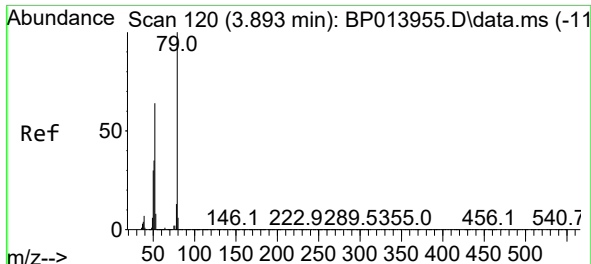
Tgt Ion:152 Resp: 165154
Ion Ratio Lower Upper
152 100
150 153.7 122.3 183.5
115 64.9 51.6 77.4



#2
1,4-Dioxane
Concen: 3.862 ng
RT: 3.470 min Scan# 48
Delta R.T. 0.000 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

Tgt Ion: 88 Resp: 17086
Ion Ratio Lower Upper
88 100
58 74.4 53.8 80.8
43 29.8 22.1 33.1

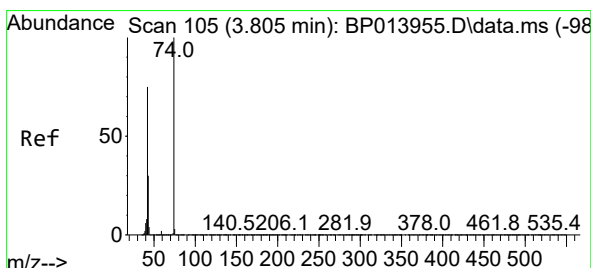
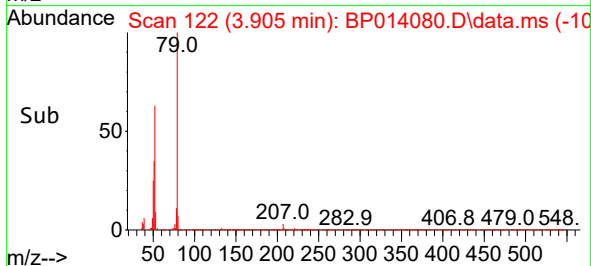
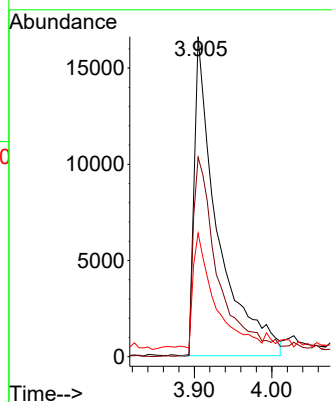
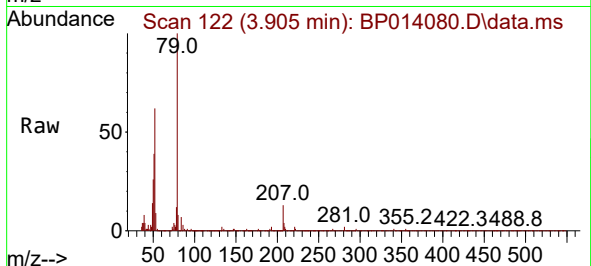




#3
Pyridine
Concen: 2.806 ng
RT: 3.905 min Scan# 11
Delta R.T. 0.018 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

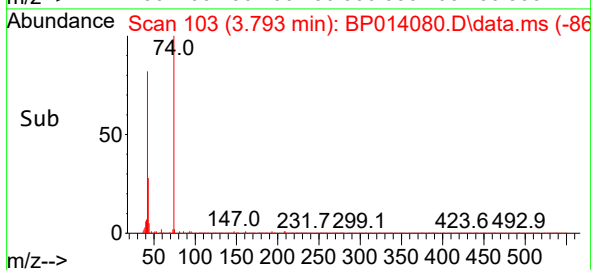
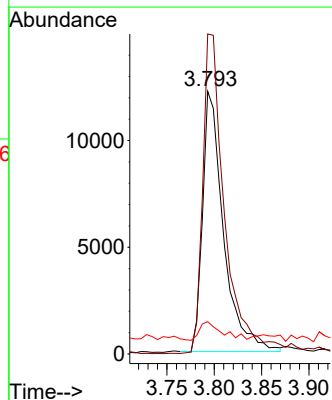
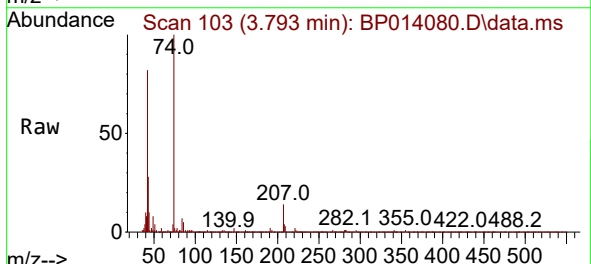
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2023

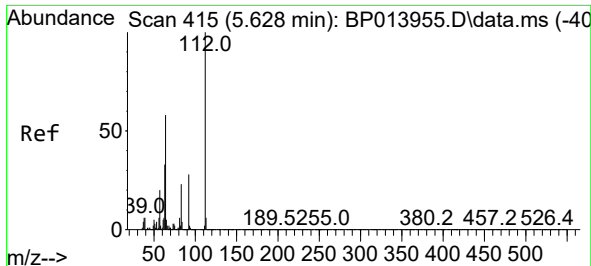
Tgt Ion: 79 Resp: 34469
Ion Ratio Lower Upper
79 100
52 62.3 51.0 76.4
51 38.6 28.2 42.2



#4
n-Nitrosodimethylamine
Concen: 3.444 ng
RT: 3.793 min Scan# 103
Delta R.T. 0.000 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

Tgt Ion: 42 Resp: 18782
Ion Ratio Lower Upper
42 100
74 121.9 107.0 160.6
44 12.3 4.5 6.7#

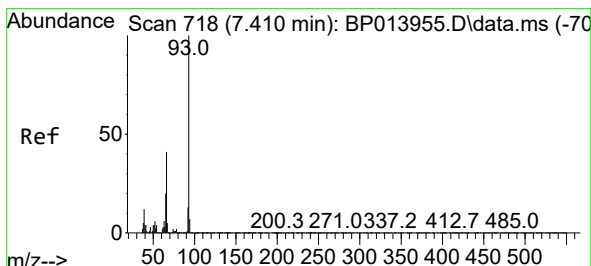
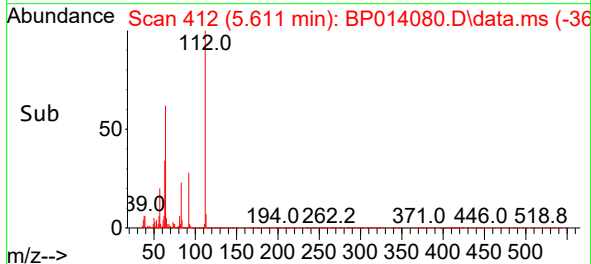
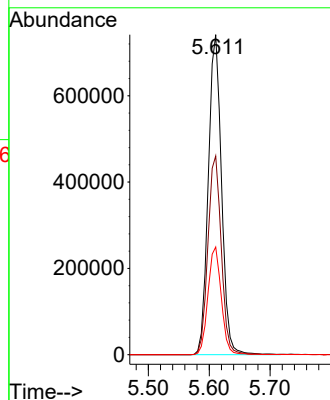
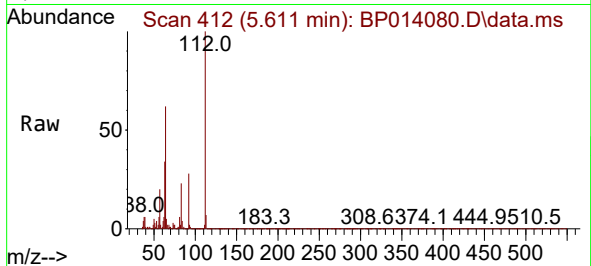




#5
2-Fluorophenol
Concen: 110.022 ng
RT: 5.611 min Scan# 411
Delta R.T. -0.006 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

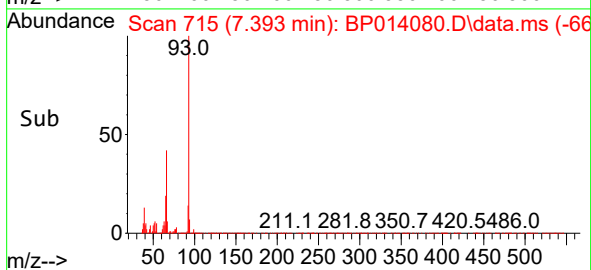
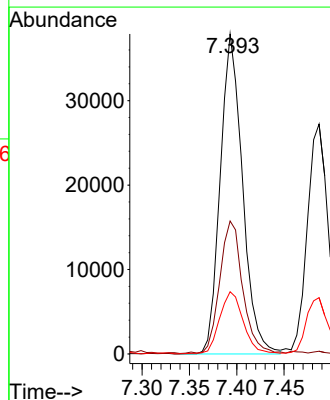
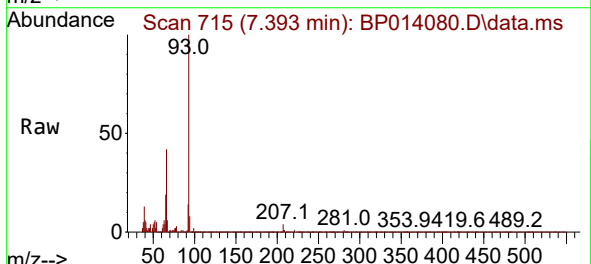
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ClientSampleId :
MDL-WATER-03-QT1-2023

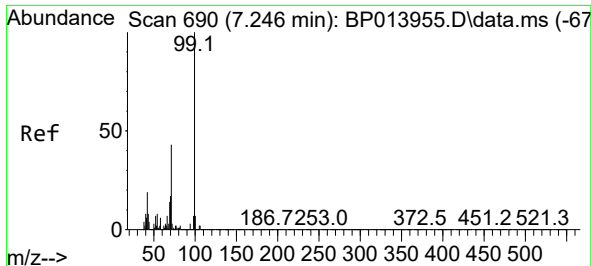
Tgt Ion:112 Resp: 1120432
Ion Ratio Lower Upper
112 100
64 62.1 46.7 70.1
63 33.7 26.6 40.0



#6
Aniline
Concen: 3.527 ng
RT: 7.393 min Scan# 715
Delta R.T. -0.006 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

Tgt Ion: 93 Resp: 61951
Ion Ratio Lower Upper
93 100
66 41.6 32.6 48.8
65 19.5 16.0 24.0

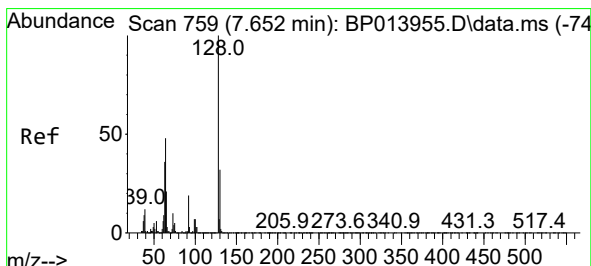
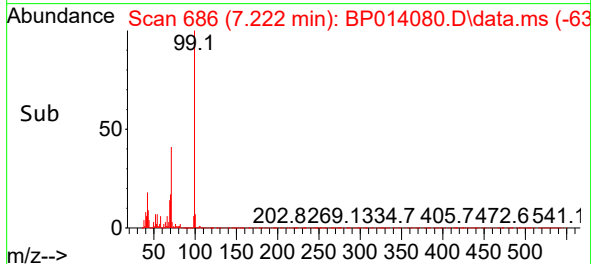
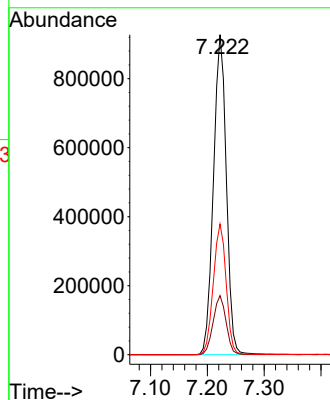
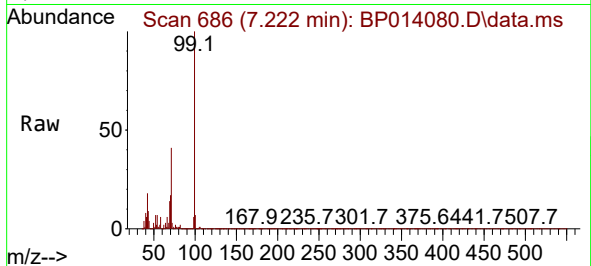




#7
Phenol-d6
Concen: 108.926 ng
RT: 7.222 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

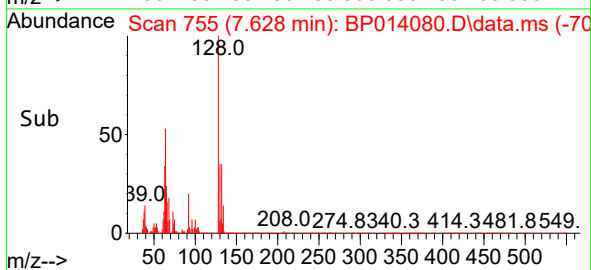
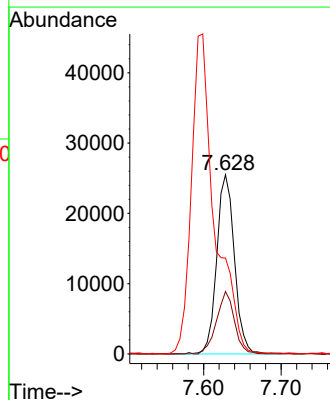
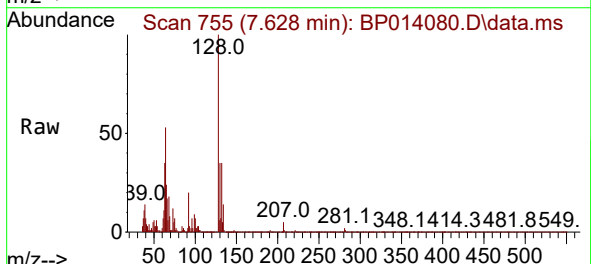
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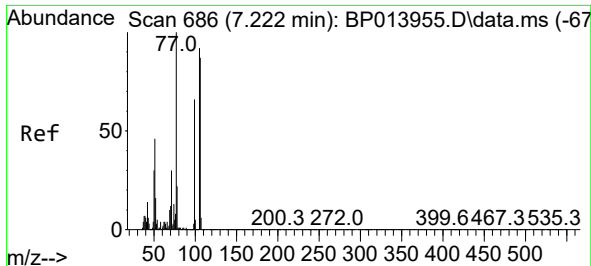
Tgt Ion: 99 Resp: 1456390
Ion Ratio Lower Upper
99 100
42 18.5 15.0 22.6
71 40.9 34.3 51.5



#8
2-Chlorophenol
Concen: 3.704 ng
RT: 7.628 min Scan# 755
Delta R.T. -0.006 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

Tgt Ion:128 Resp: 40404
Ion Ratio Lower Upper
128 100
130 34.9 12.3 52.3
64 53.5 27.6 67.6

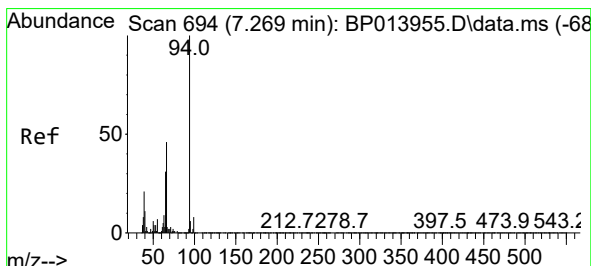
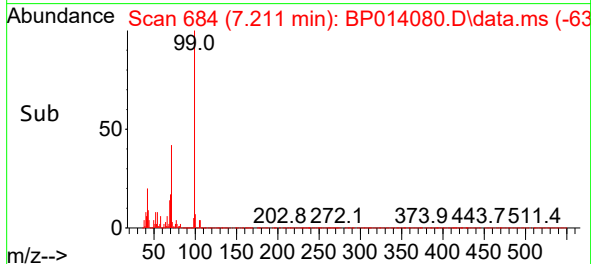
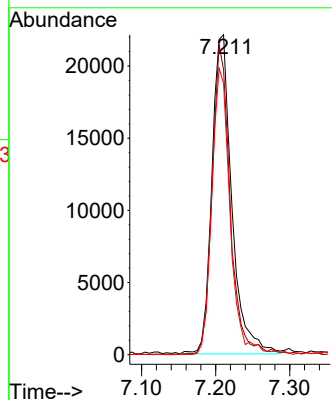
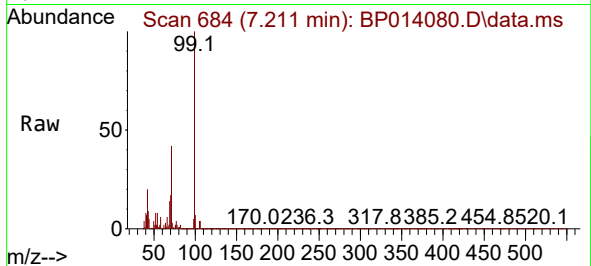




#9
Benzaldehyde
Concen: 6.203 ng
RT: 7.211 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

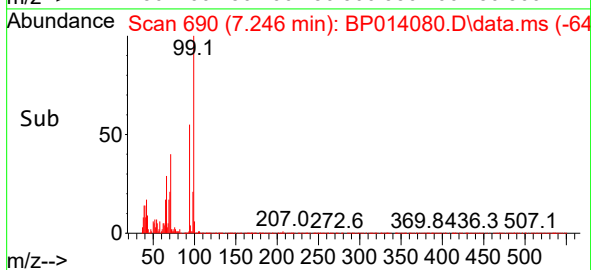
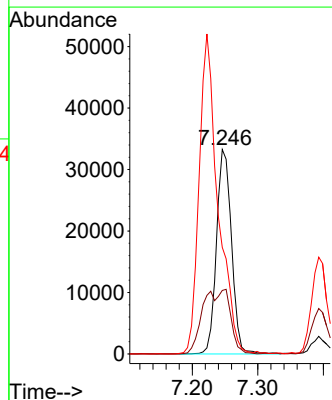
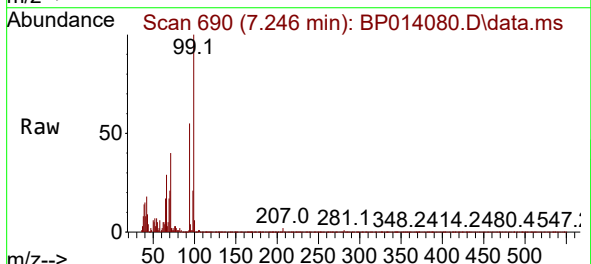
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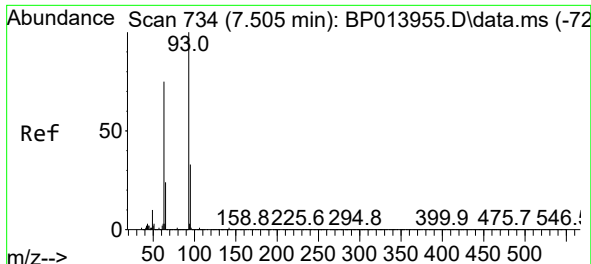
Tgt Ion: 77 Resp: 41504
Ion Ratio Lower Upper
77 100
105 89.0 72.4 112.4
106 84.7 66.9 106.9



#10
Phenol
Concen: 3.795 ng
RT: 7.246 min Scan# 690
Delta R.T. -0.012 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

Tgt Ion: 94 Resp: 52807
Ion Ratio Lower Upper
94 100
65 31.1 10.9 50.9
66 52.1 26.1 66.1

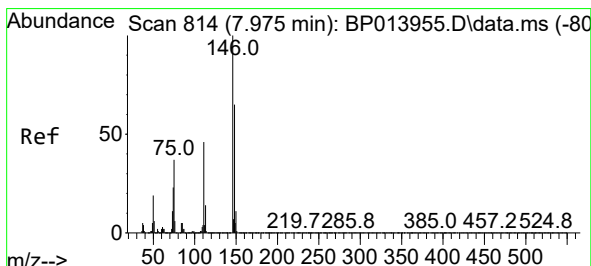
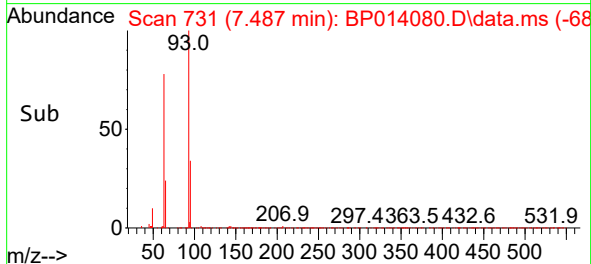
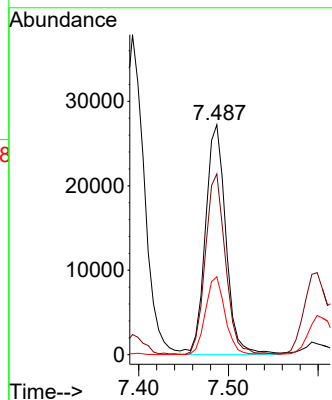
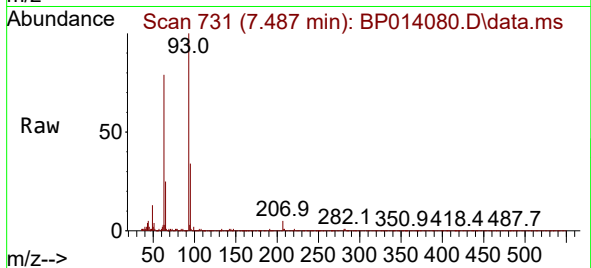




#11
bis(2-Chloroethyl)ether
Concen: 3.906 ng
RT: 7.487 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

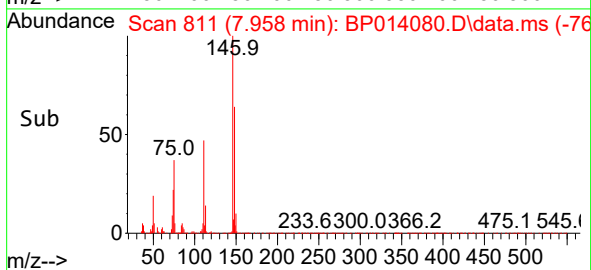
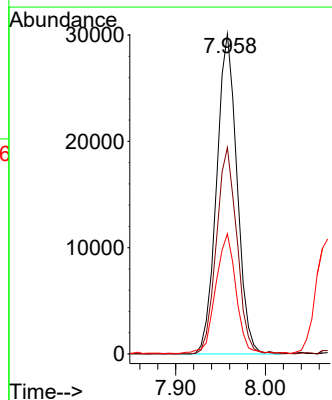
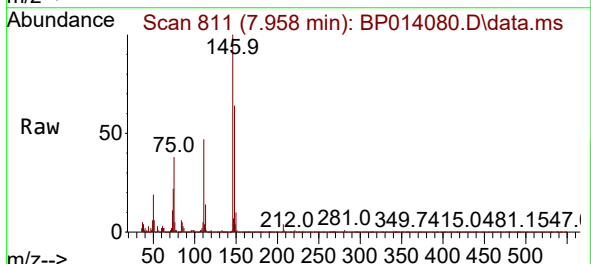
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2023

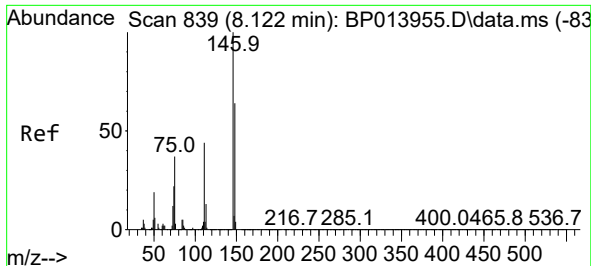
Tgt Ion: 93 Resp: 43037
Ion Ratio Lower Upper
93 100
63 78.7 54.2 94.2
95 33.9 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 3.959 ng
RT: 7.958 min Scan# 811
Delta R.T. -0.006 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

Tgt Ion:146 Resp: 47452
Ion Ratio Lower Upper
146 100
148 64.5 52.1 78.1
75 37.6 29.4 44.0





#13

1,4-Dichlorobenzene

Concen: 3.973 ng

RT: 8.105 min Scan# 81

Delta R.T. -0.006 min

Lab File: BP014080.D

Acq: 14 Mar 2023 12:49

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT1-2023

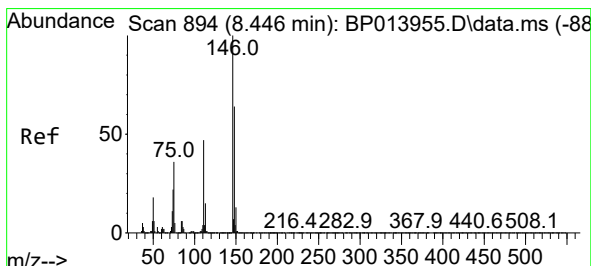
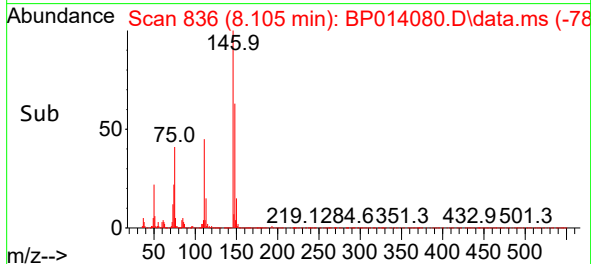
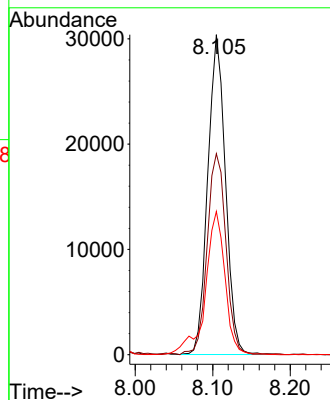
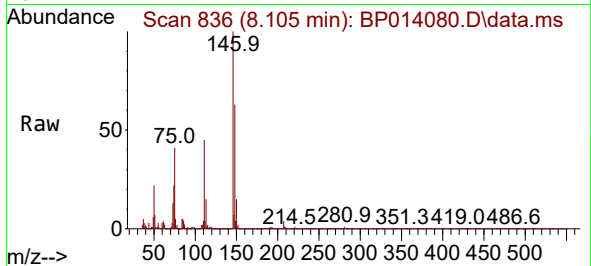
Tgt Ion:146 Resp: 48178

Ion Ratio Lower Upper

146 100

148 62.8 51.4 77.2

111 44.7 35.1 52.7



#14

1,2-Dichlorobenzene

Concen: 4.053 ng

RT: 8.422 min Scan# 890

Delta R.T. -0.012 min

Lab File: BP014080.D

Acq: 14 Mar 2023 12:49

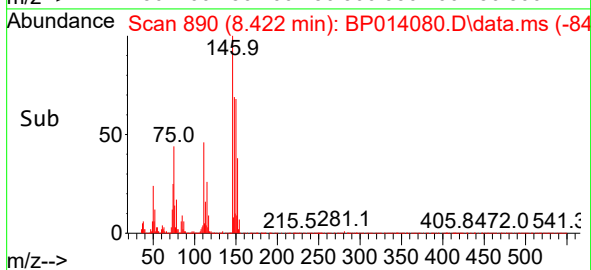
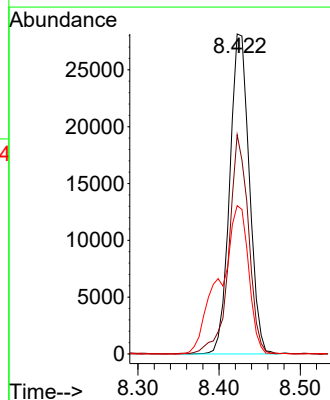
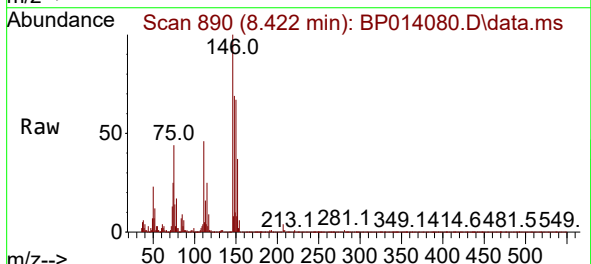
Tgt Ion:146 Resp: 47074

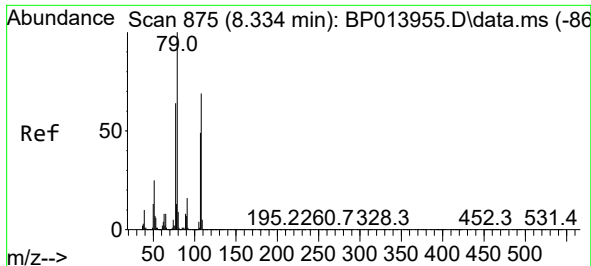
Ion Ratio Lower Upper

146 100

148 68.5 51.4 77.0

111 46.3 37.2 55.8

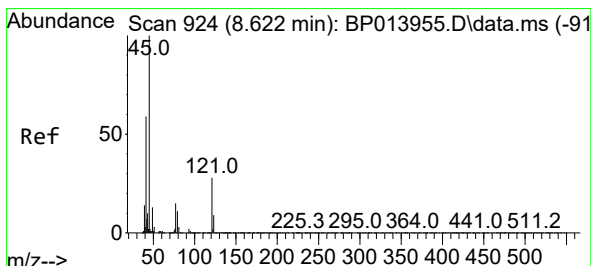
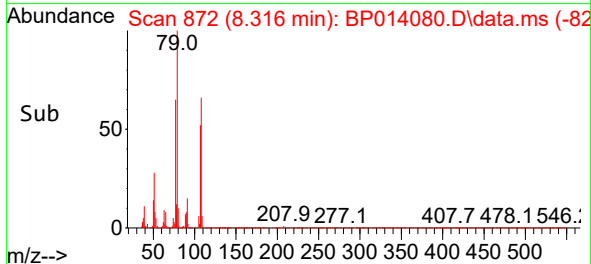
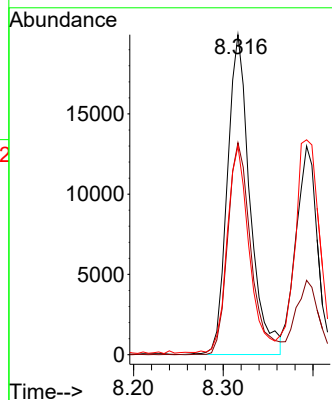
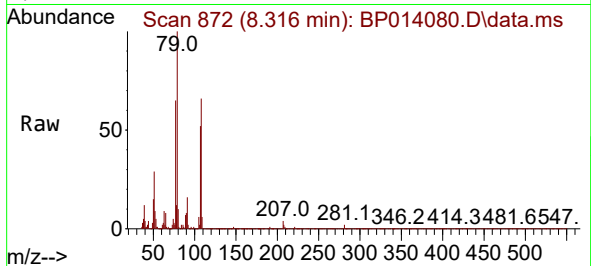




#15
Benzyl Alcohol
Concen: 3.197 ng
RT: 8.316 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

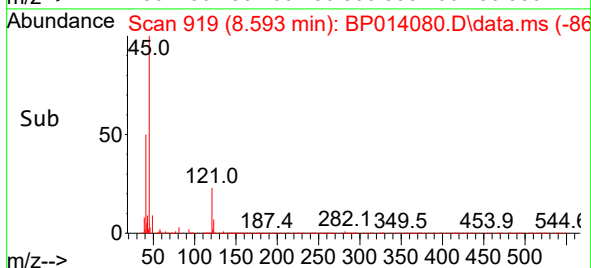
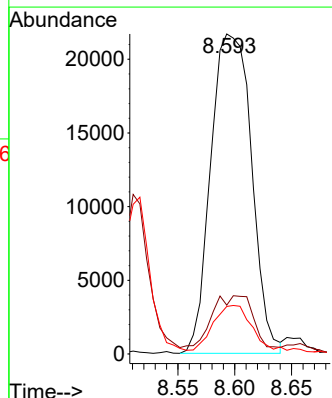
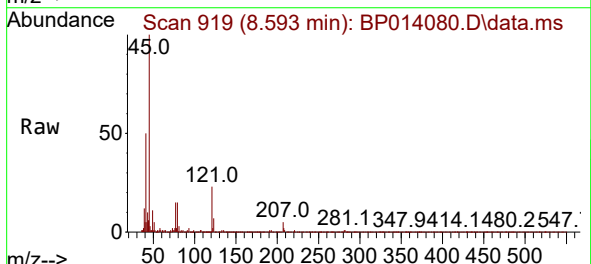
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2023

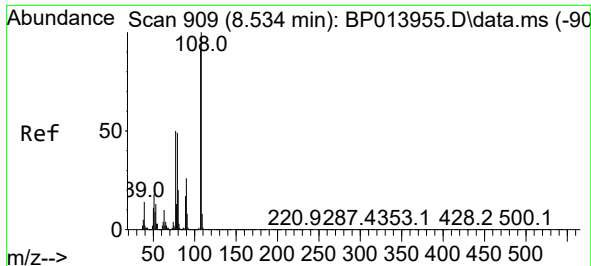
Tgt Ion: 79 Resp: 34846
Ion Ratio Lower Upper
79 100
108 66.3 54.9 82.3
77 65.2 51.4 77.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.506 ng
RT: 8.593 min Scan# 919
Delta R.T. -0.006 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

Tgt Ion: 45 Resp: 54048
Ion Ratio Lower Upper
45 100
77 15.2 0.0 38.7
79 14.8 0.0 34.4

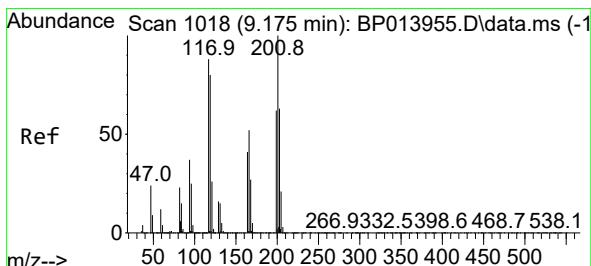
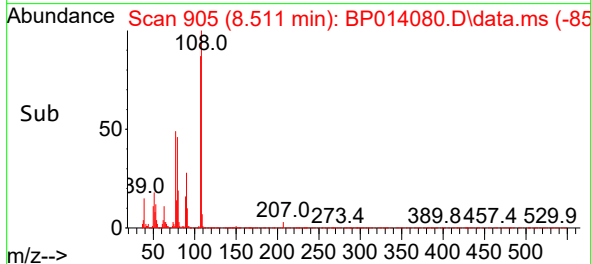
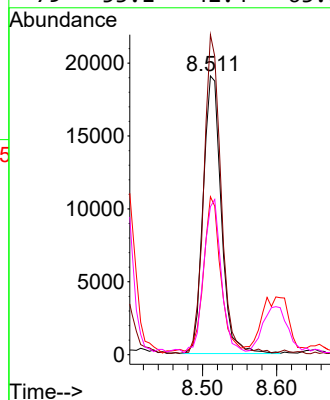
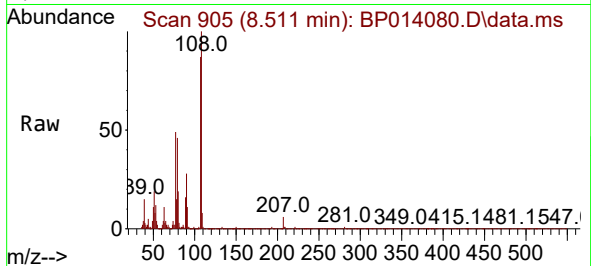




#17
2-Methylphenol
Concen: 3.250 ng
RT: 8.511 min Scan# 909
Delta R.T. -0.006 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

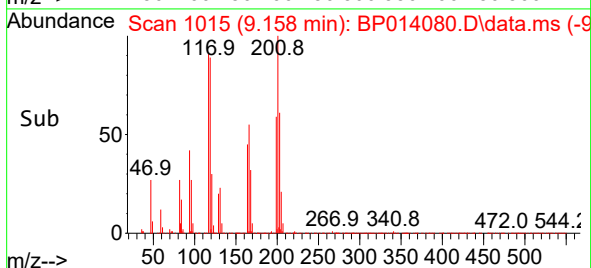
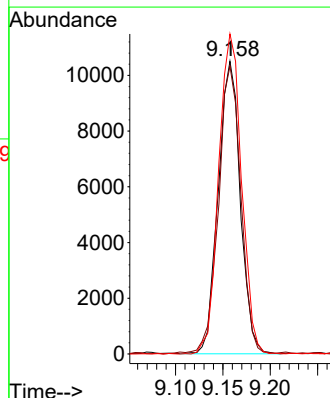
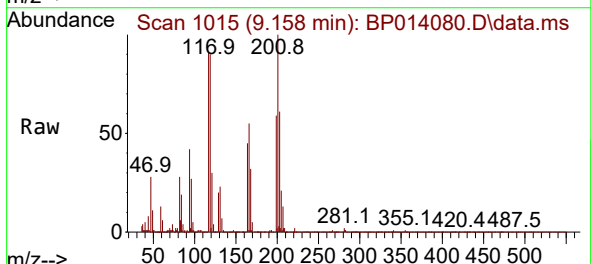
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2023

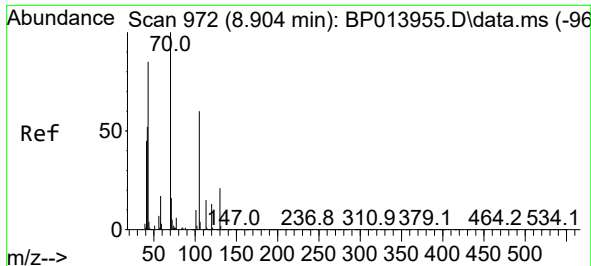
Tgt Ion:	107	Resp:	32252
Ion	Ratio	Lower	Upper
107	100		
108	114.8	87.0	130.4
77	56.6	44.0	66.0
79	53.1	42.4	63.6



#18
Hexachloroethane
Concen: 3.743 ng
RT: 9.158 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

Tgt Ion:	117	Resp:	17050
Ion	Ratio	Lower	Upper
117	100		
119	98.3	73.3	109.9
201	109.3	91.1	136.7

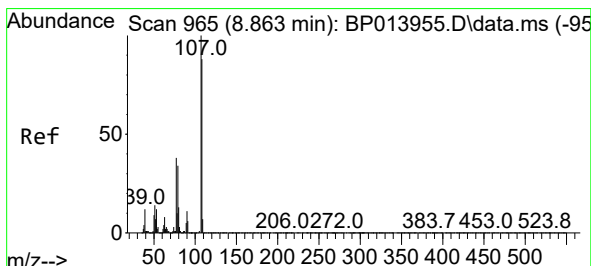
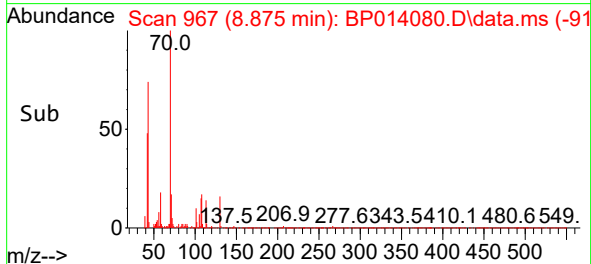
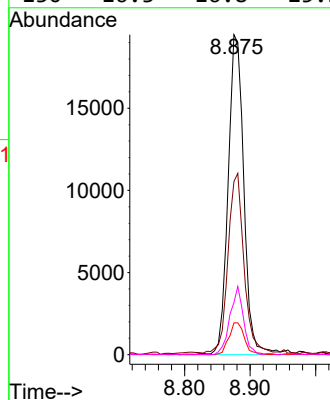
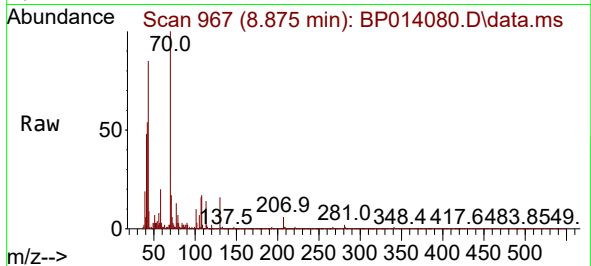




#19
n-Nitroso-di-n-propylamine
Concen: 3.679 ng
RT: 8.875 min Scan# 91
Delta R.T. -0.017 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

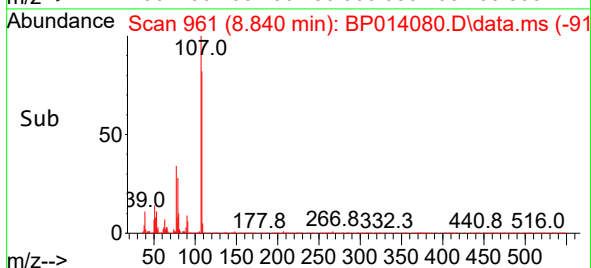
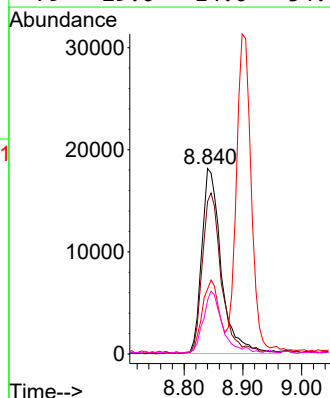
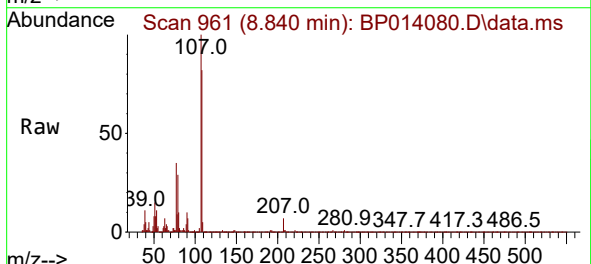
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2023

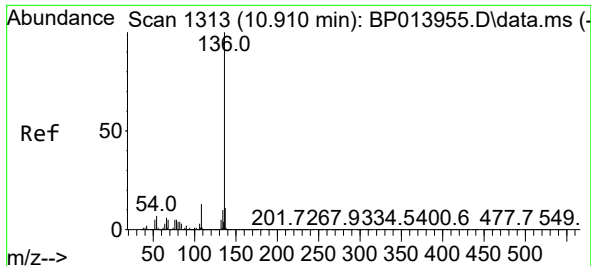
Tgt Ion:	70	Resp:	32380
Ion	Ratio	Lower	Upper
70	100		
42	54.1	42.4	63.6
101	10.0	8.2	12.4
130	16.3	16.8	25.2



#20
3+4-Methylphenols
Concen: 3.120 ng
RT: 8.840 min Scan# 961
Delta R.T. -0.012 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

Tgt Ion:	107	Resp:	41701
Ion	Ratio	Lower	Upper
107	100		
108	82.2	68.2	108.2
77	35.0	18.1	58.1
79	29.0	14.0	54.0

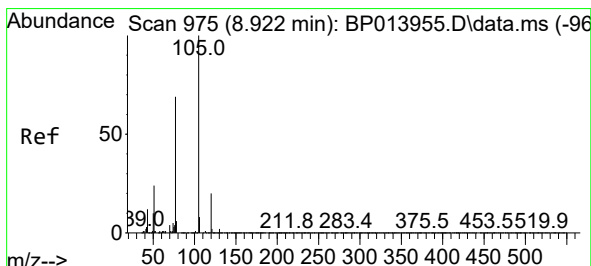
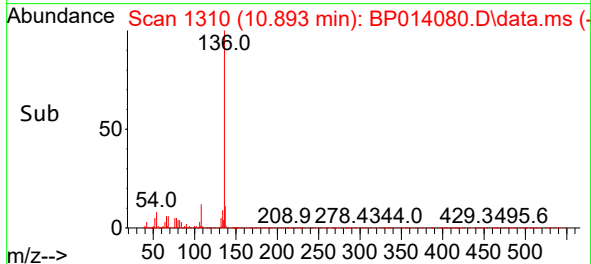
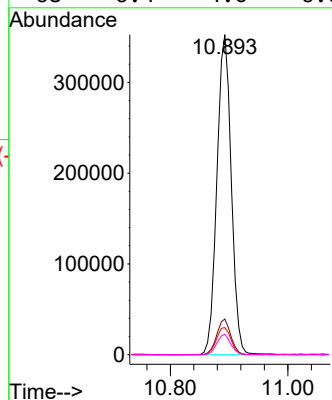
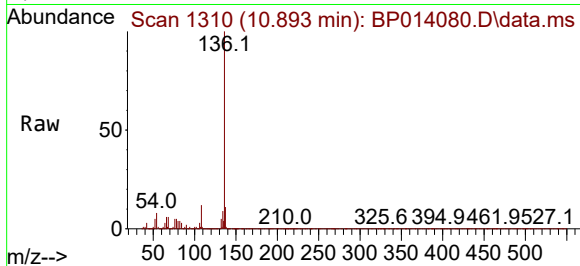




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.893 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

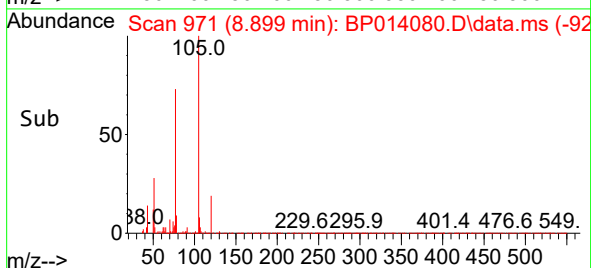
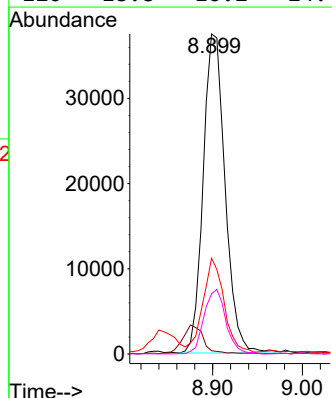
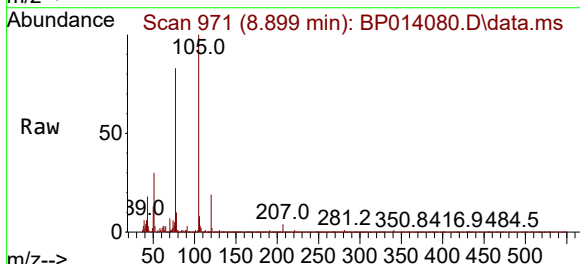
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2023

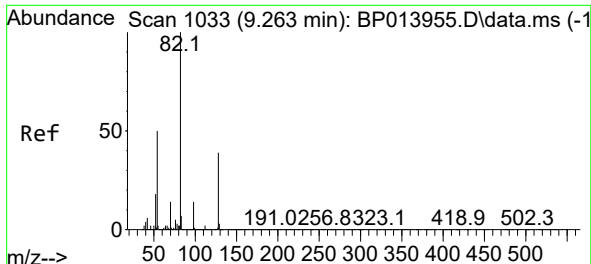
Tgt Ion:136 Resp: 596496
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 8.5 5.8 8.8
68 6.4 4.0 6.0#



#22
Acetophenone
Concen: 3.807 ng
RT: 8.899 min Scan# 971
Delta R.T. -0.012 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

Tgt Ion:105 Resp: 63703
Ion Ratio Lower Upper
105 100
71 1.0 1.4 2.0#
51 29.9 21.5 32.3
120 18.8 16.2 24.4





#23

Nitrobenzene-d5

Concen: 83.176 ng

RT: 9.246 min Scan# 1030

Delta R.T. -0.006 min

Lab File: BP014080.D

Acq: 14 Mar 2023 12:49

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT1-2023

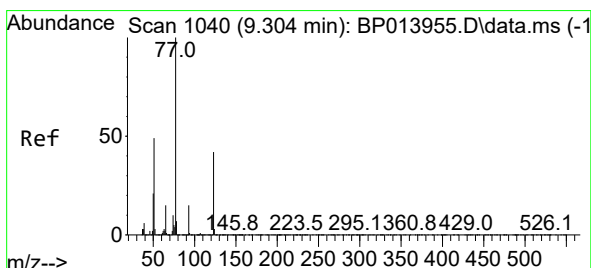
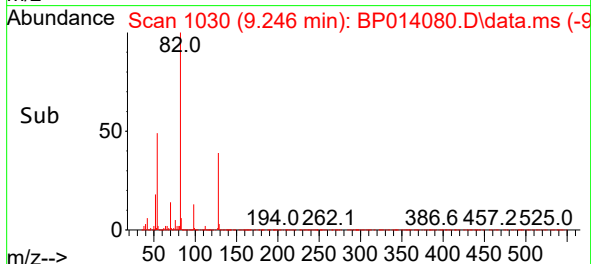
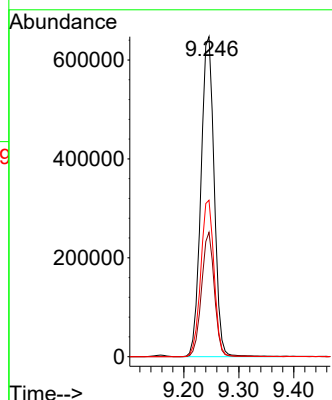
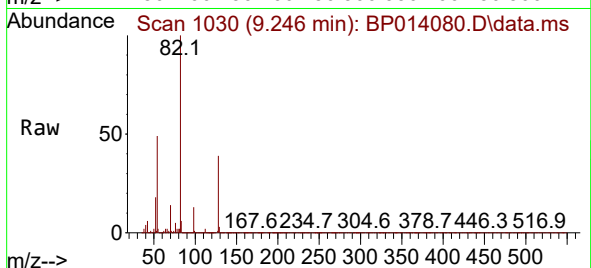
Tgt Ion: 82 Resp: 1085518

Ion Ratio Lower Upper

82 100

128 38.8 31.1 46.7

54 48.9 40.0 60.0



#24

Nitrobenzene

Concen: 4.193 ng

RT: 9.287 min Scan# 1037

Delta R.T. -0.006 min

Lab File: BP014080.D

Acq: 14 Mar 2023 12:49

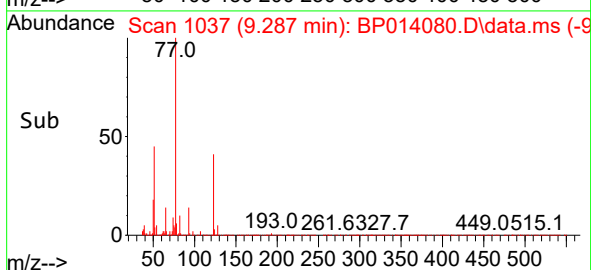
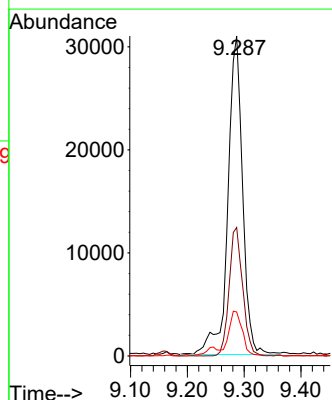
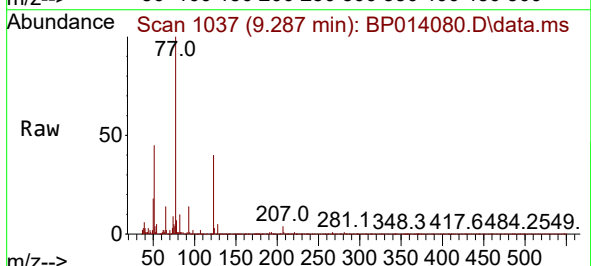
Tgt Ion: 77 Resp: 55985

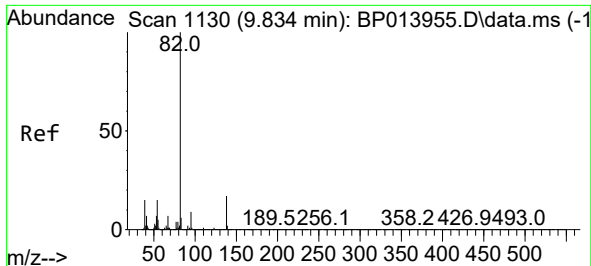
Ion Ratio Lower Upper

77 100

123 40.2 33.6 50.4

65 13.7 11.6 17.4

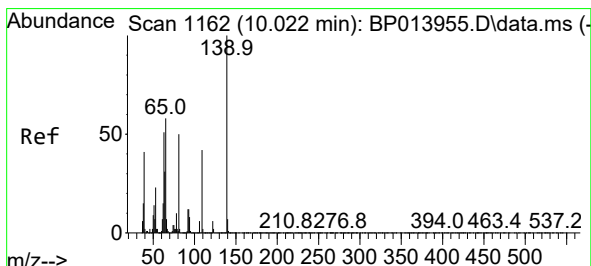
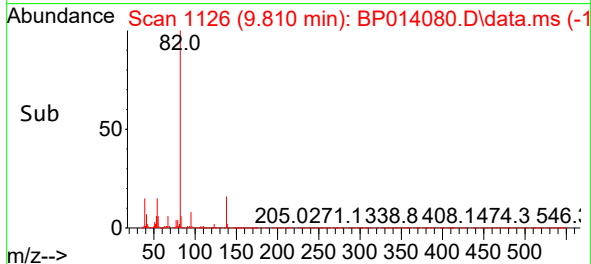
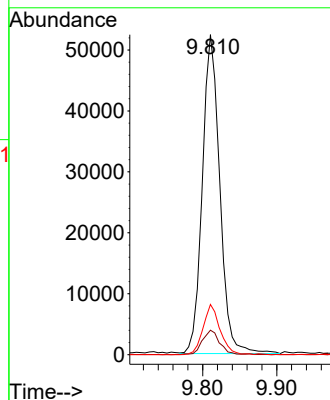
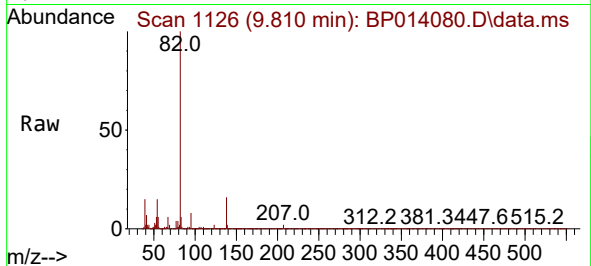




#25
Isophorone
Concen: 3.567 ng
RT: 9.810 min Scan# 1115
Delta R.T. -0.012 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

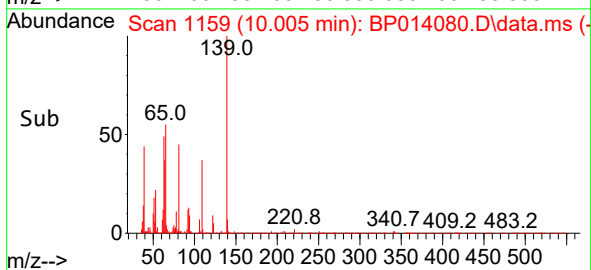
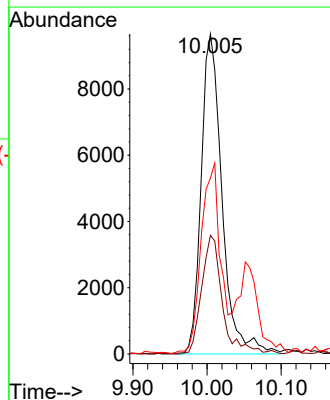
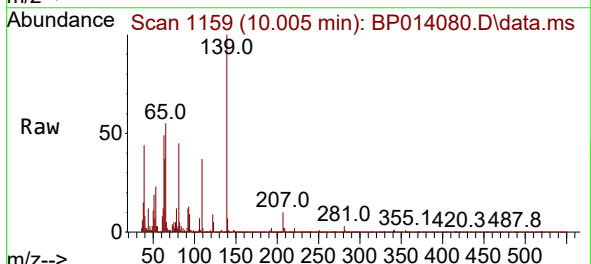
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2023

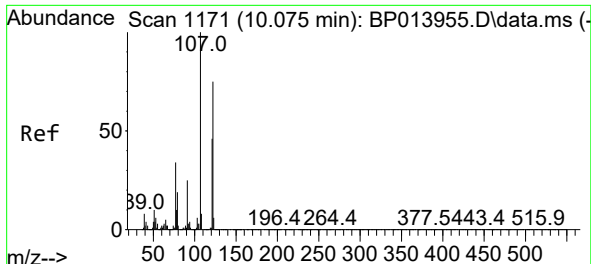
Tgt Ion: 82	Resp: 85786
Ion Ratio	Lower Upper
82 100	
95 7.7	6.9 10.3
138 15.7	13.3 19.9



#26
2-Nitrophenol
Concen: 3.253 ng
RT: 10.005 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

Tgt Ion: 139	Resp: 18894
Ion Ratio	Lower Upper
139 100	
109 37.1	33.8 50.8
65 55.0	46.6 70.0





#27

2,4-Dimethylphenol

Concen: 3.545 ng

RT: 10.057 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BP014080.D

Acq: 14 Mar 2023 12:49

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT1-2023

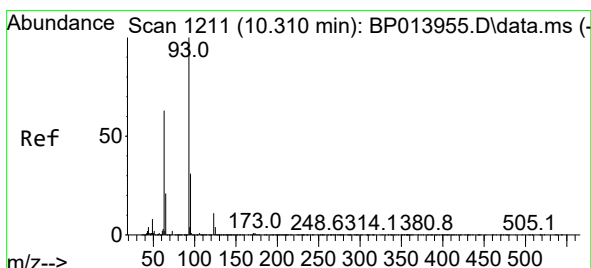
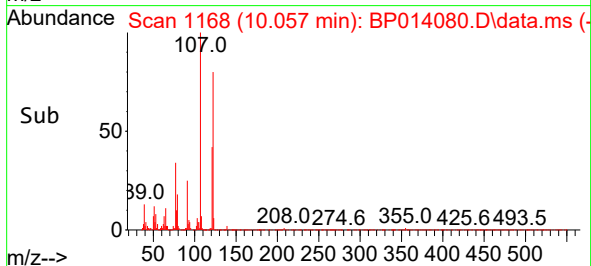
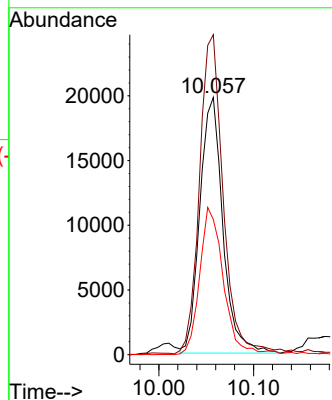
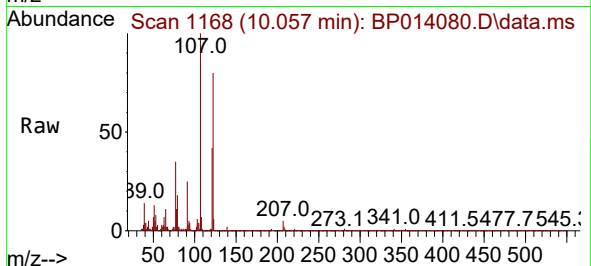
Tgt Ion:122 Resp: 33476

Ion Ratio Lower Upper

122 100

107 124.4 105.9 158.9

121 52.6 49.0 73.4



#28

bis(2-Chloroethoxy)methane

Concen: 3.875 ng

RT: 10.293 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BP014080.D

Acq: 14 Mar 2023 12:49

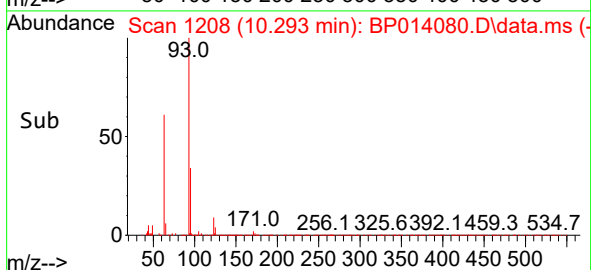
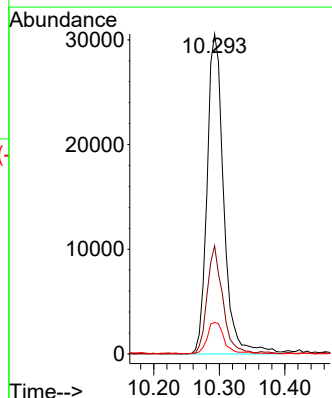
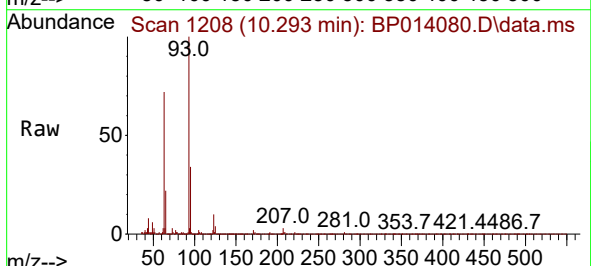
Tgt Ion: 93 Resp: 53927

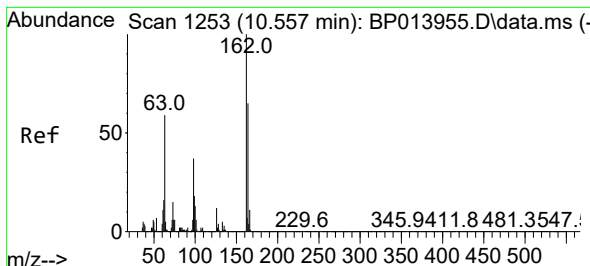
Ion Ratio Lower Upper

93 100

95 33.8 25.0 37.6

123 9.9 8.6 12.8





#29

2,4-Dichlorophenol

Concen: 3.061 ng

RT: 10.546 min Scan# 1251

Delta R.T. 0.000 min

Lab File: BP014080.D

Acq: 14 Mar 2023 12:49

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT1-2023

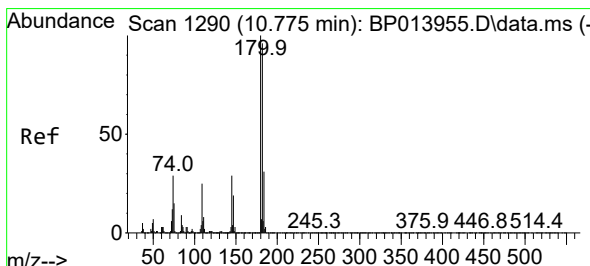
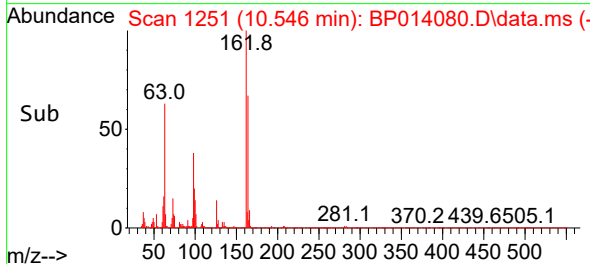
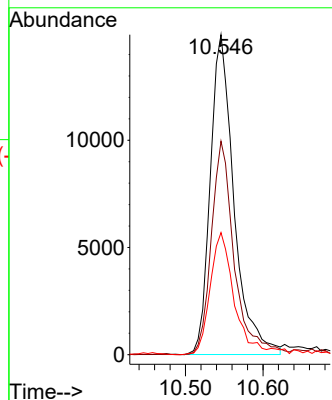
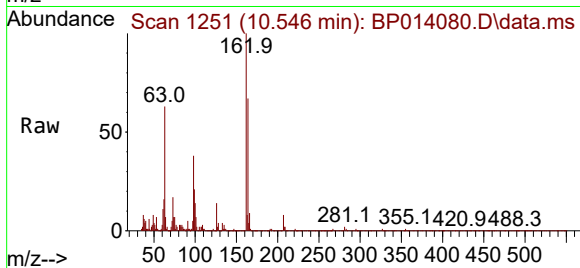
Tgt Ion:162 Resp: 31643

Ion Ratio Lower Upper

162 100

164 66.7 44.7 84.7

98 38.2 17.0 57.0



#30

1,2,4-Trichlorobenzene

Concen: 3.747 ng

RT: 10.752 min Scan# 1286

Delta R.T. -0.006 min

Lab File: BP014080.D

Acq: 14 Mar 2023 12:49

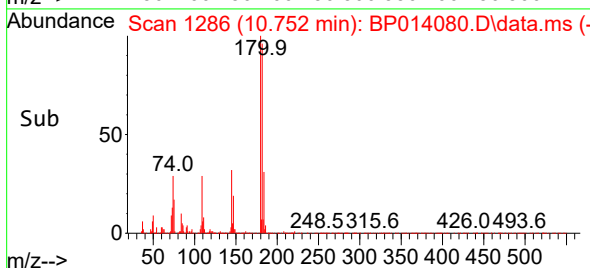
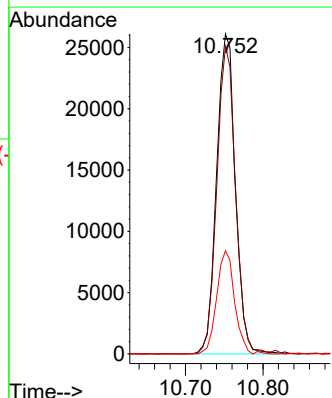
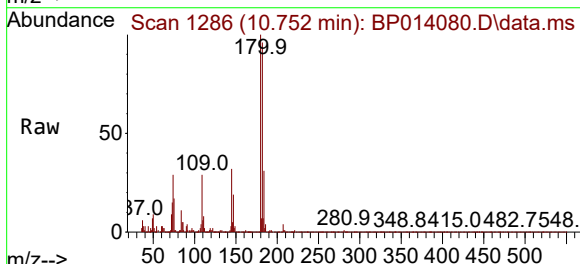
Tgt Ion:180 Resp: 43984

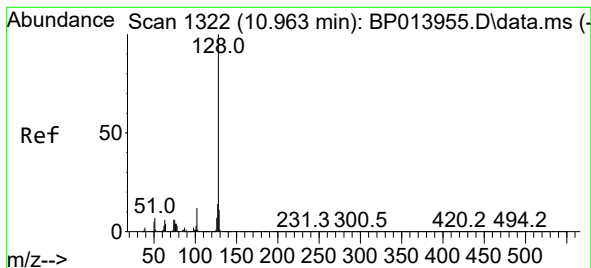
Ion Ratio Lower Upper

180 100

182 96.1 76.6 114.8

145 32.3 23.5 35.3





#31

Naphthalene

Concen: 3.921 ng

RT: 10.946 min Scan# 1188

Delta R.T. -0.006 min

Lab File: BP014080.D

Acq: 14 Mar 2023 12:49

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT1-2023

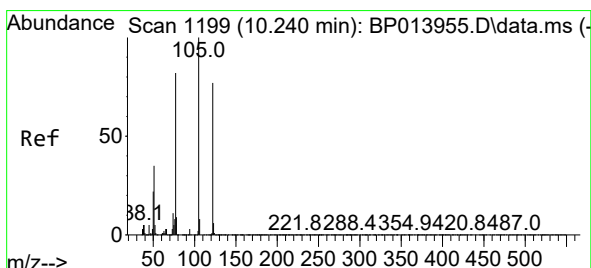
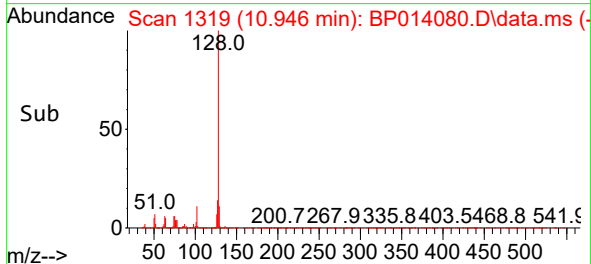
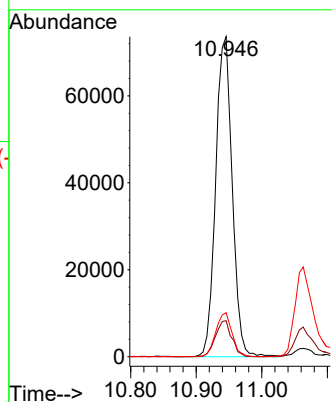
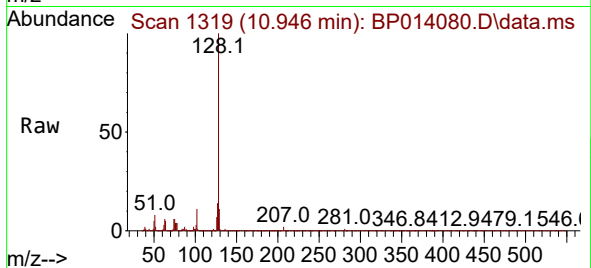
Tgt Ion:128 Resp: 128507

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

127 13.7 11.2 16.8



#32

Benzoic acid

Concen: 3.269 ng

RT: 10.175 min Scan# 1188

Delta R.T. -0.035 min

Lab File: BP014080.D

Acq: 14 Mar 2023 12:49

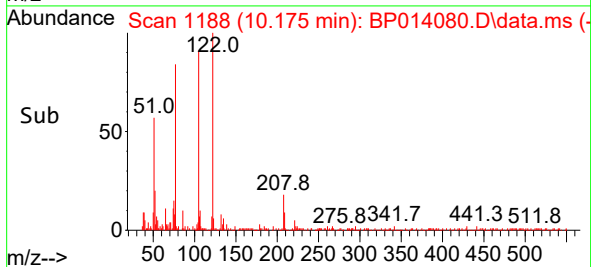
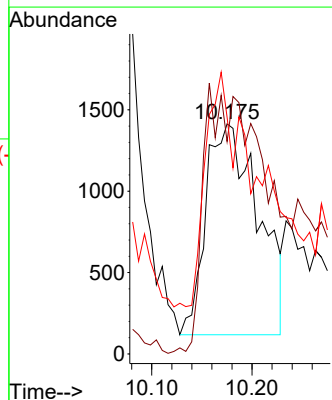
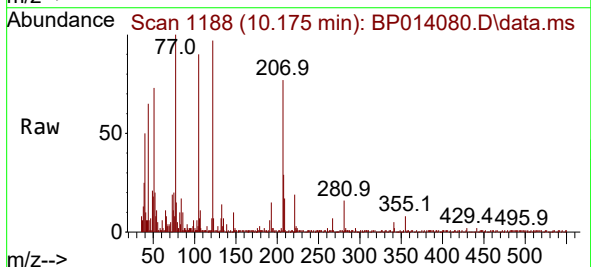
Tgt Ion:122 Resp: 4711

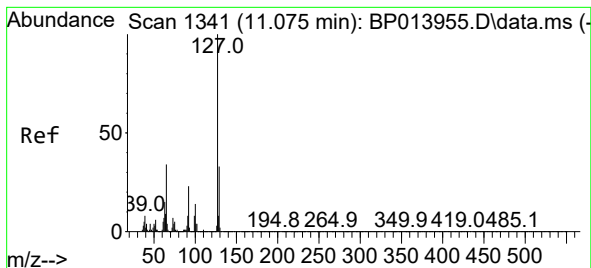
Ion Ratio Lower Upper

122 100

105 92.3 108.2 148.2#

77 102.9 85.2 125.2





#33

4-Chloroaniline

Concen: 3.078 ng

RT: 11.063 min Scan# 1339

Delta R.T. 0.006 min

Lab File: BP014080.D

Acq: 14 Mar 2023 12:49

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT1-2023

Tgt Ion:127 Resp: 43252

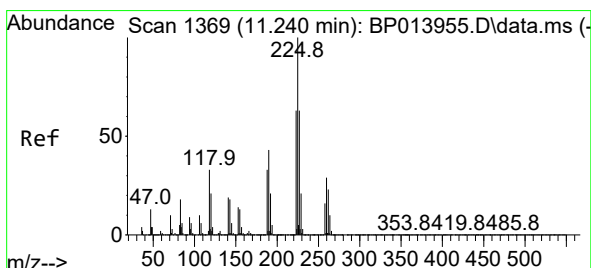
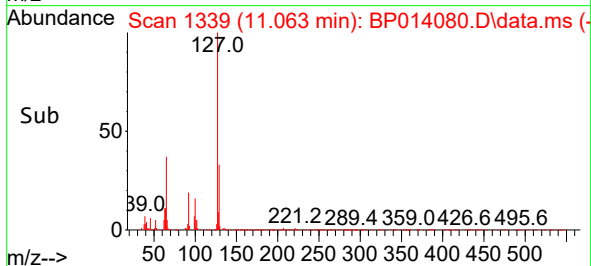
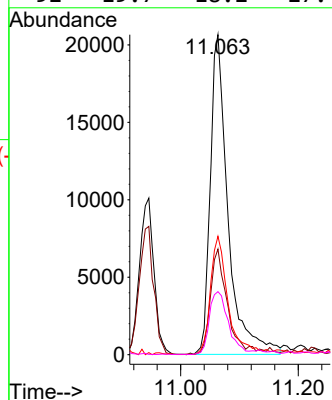
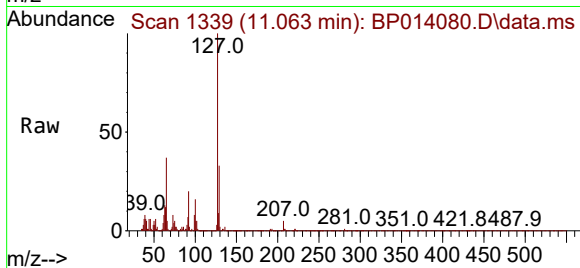
Ion Ratio Lower Upper

127 100

129 33.0 26.2 39.2

65 37.0 27.0 40.4

92 19.7 18.2 27.4



#34

Hexachlorobutadiene

Concen: 3.505 ng

RT: 11.222 min Scan# 1366

Delta R.T. -0.006 min

Lab File: BP014080.D

Acq: 14 Mar 2023 12:49

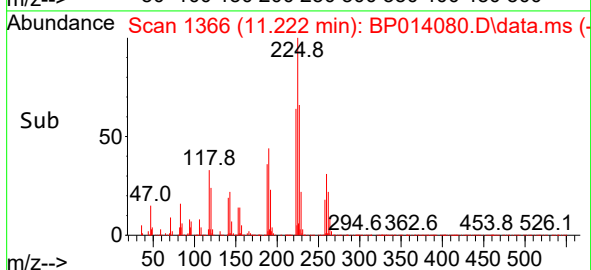
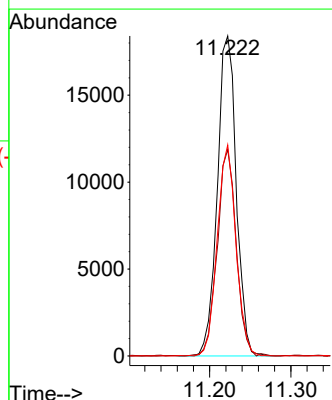
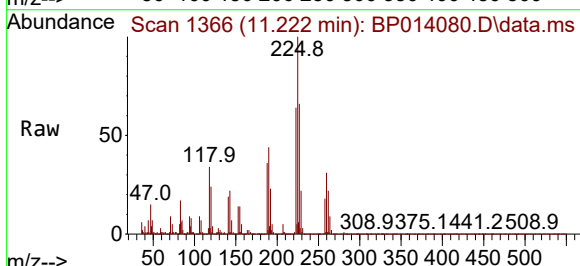
Tgt Ion:225 Resp: 29911

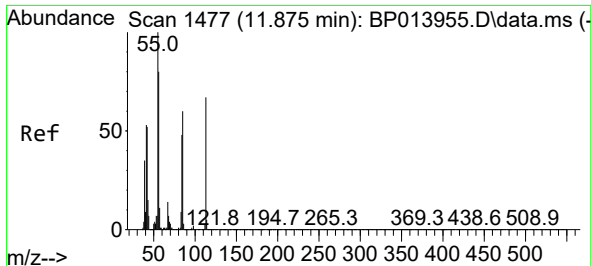
Ion Ratio Lower Upper

225 100

223 64.5 50.6 76.0

227 66.0 50.2 75.4

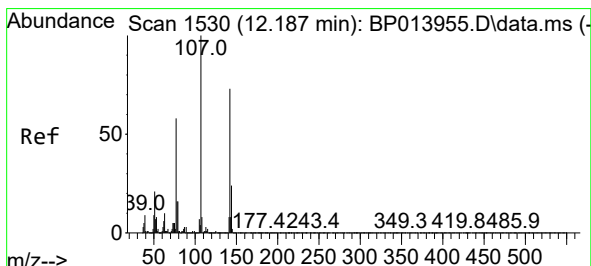
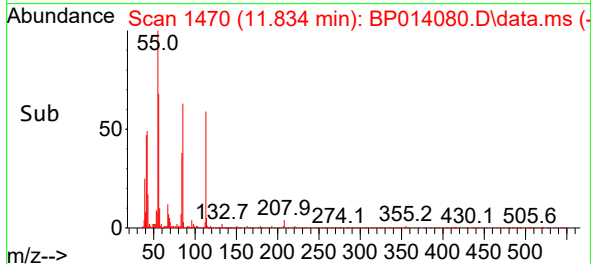
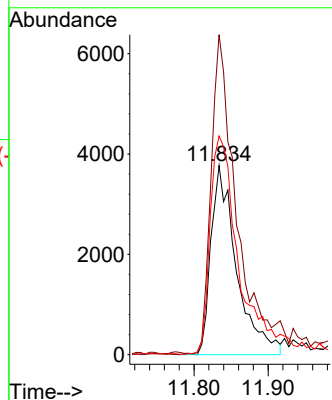
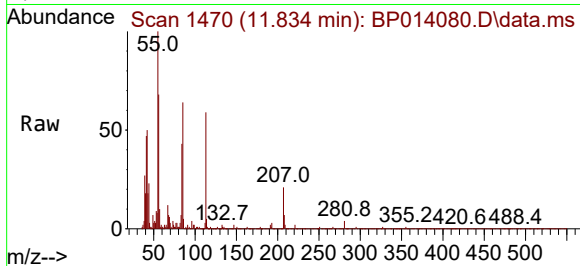




#35
Caprolactam
Concen: 3.063 ng
RT: 11.834 min Scan# 1477
Delta R.T. -0.023 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

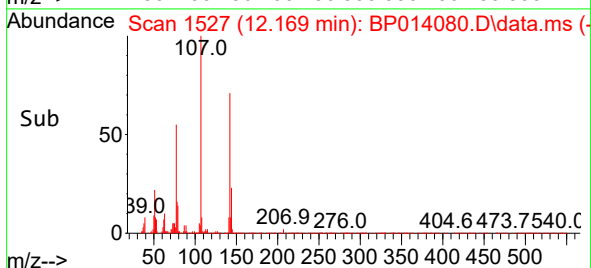
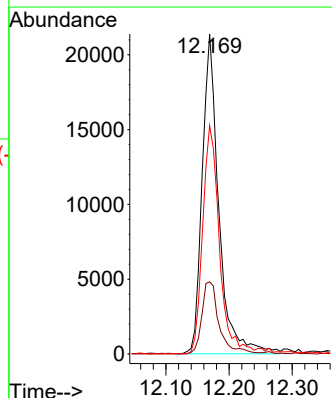
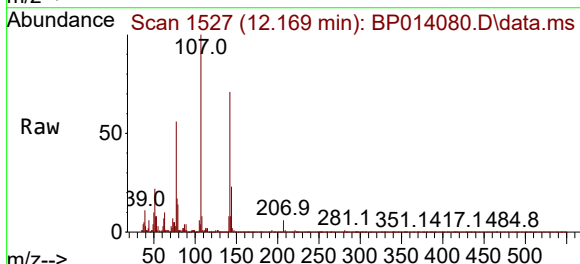
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2023

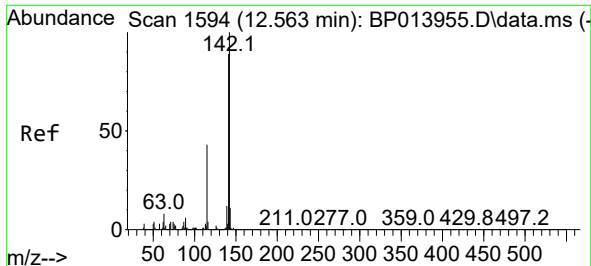
Tgt Ion:113 Resp: 9065
Ion Ratio Lower Upper
113 100
55 169.2 128.9 168.9#
56 115.7 99.6 139.6



#36
4-Chloro-3-methylphenol
Concen: 3.381 ng
RT: 12.169 min Scan# 1527
Delta R.T. -0.006 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

Tgt Ion:107 Resp: 38980
Ion Ratio Lower Upper
107 100
144 22.6 19.3 28.9
142 71.4 58.5 87.7

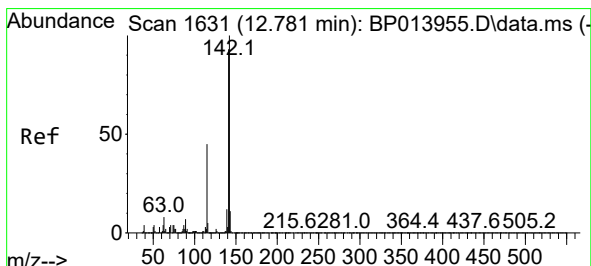
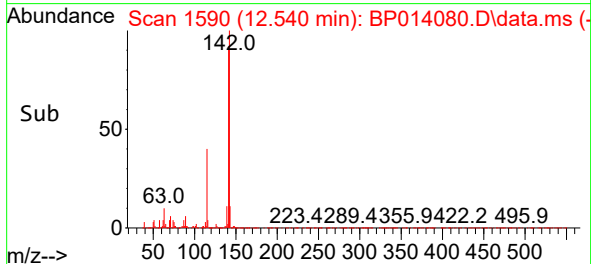
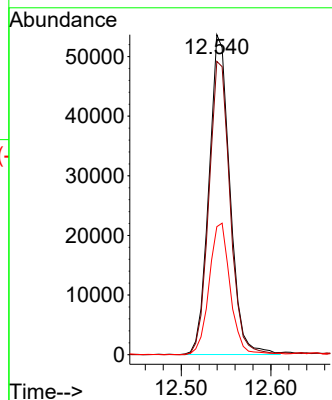
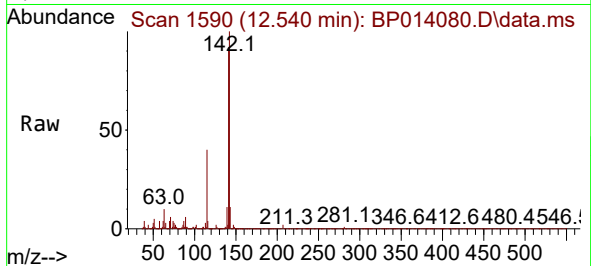




#37
2-Methylnaphthalene
Concen: 3.606 ng
RT: 12.540 min Scan# 1590
Delta R.T. -0.006 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

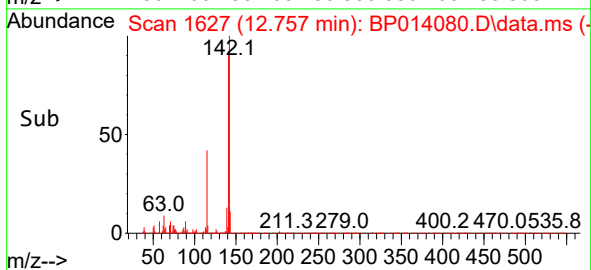
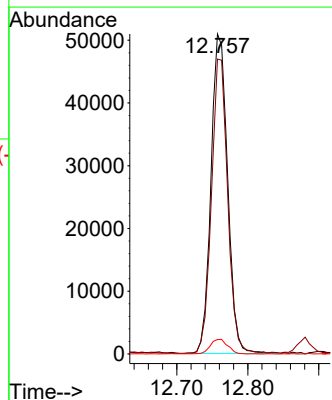
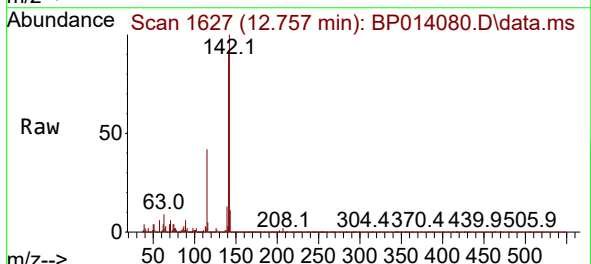
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2023

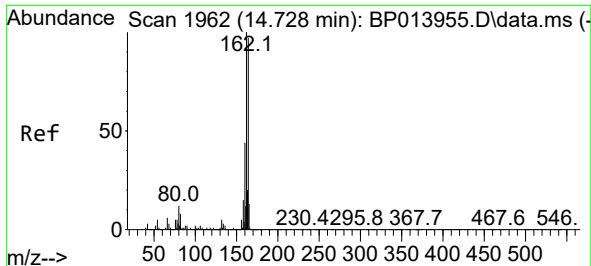
Tgt Ion:142 Resp: 87205
Ion Ratio Lower Upper
142 100
141 91.6 71.0 106.4
115 40.0 34.5 51.7



#38
1-Methylnaphthalene
Concen: 3.674 ng
RT: 12.757 min Scan# 1627
Delta R.T. -0.012 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

Tgt Ion:142 Resp: 82807
Ion Ratio Lower Upper
142 100
141 92.1 74.4 111.6
116 4.5 3.6 5.4

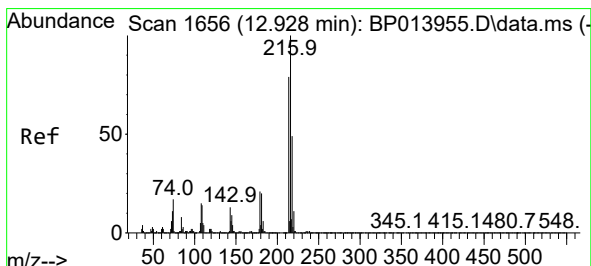
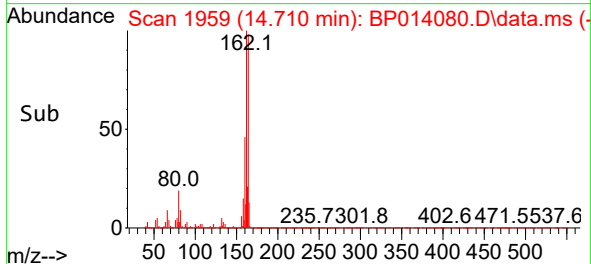
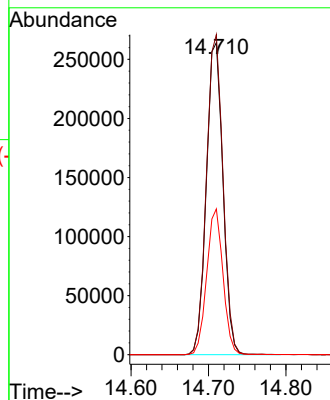
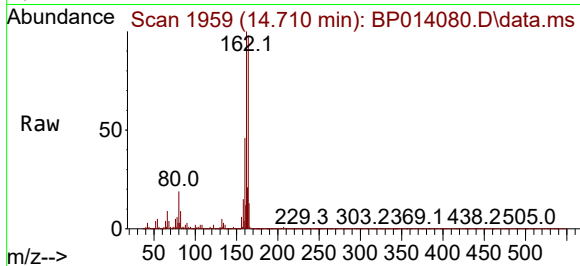




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.710 min Scan# 1962
Delta R.T. -0.006 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

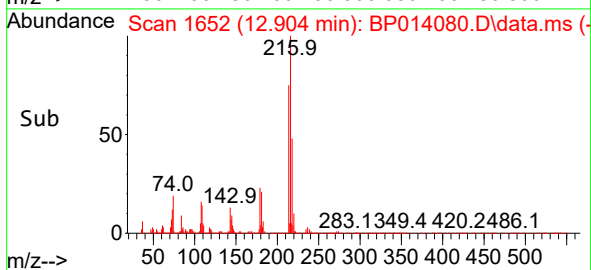
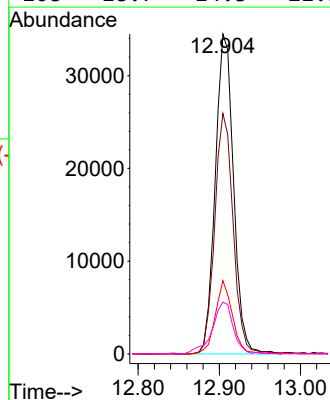
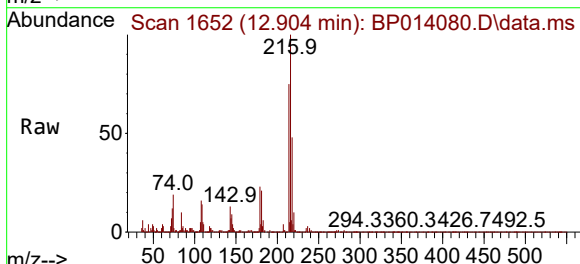
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2023

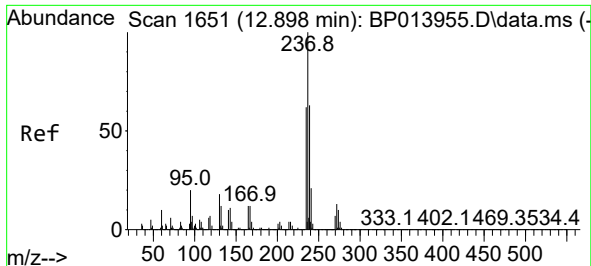
Tgt Ion:164 Resp: 391830
Ion Ratio Lower Upper
164 100
162 102.5 82.1 123.1
160 46.7 36.2 54.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 3.620 ng
RT: 12.904 min Scan# 1652
Delta R.T. -0.006 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

Tgt Ion:216 Resp: 54060
Ion Ratio Lower Upper
216 100
214 75.9 62.2 93.2
179 21.4 16.6 24.8
108 18.7 14.3 21.5

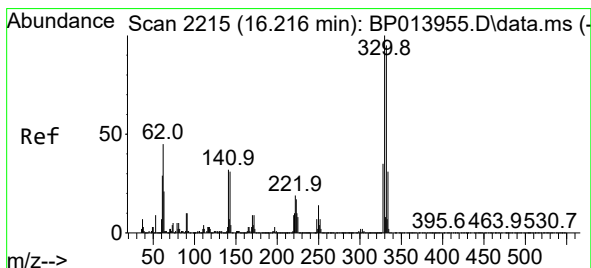
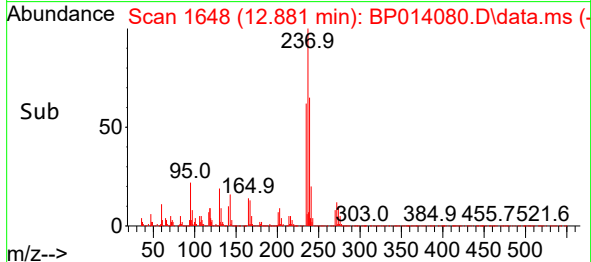
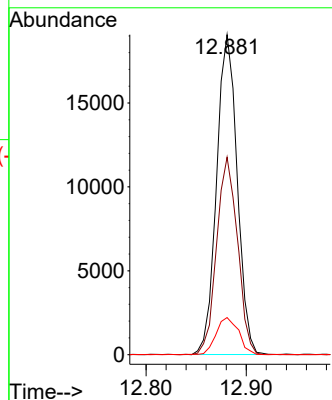
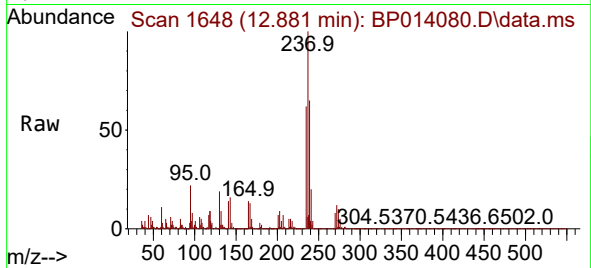




#41
Hexachlorocyclopentadiene
Concen: 2.903 ng
RT: 12.881 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

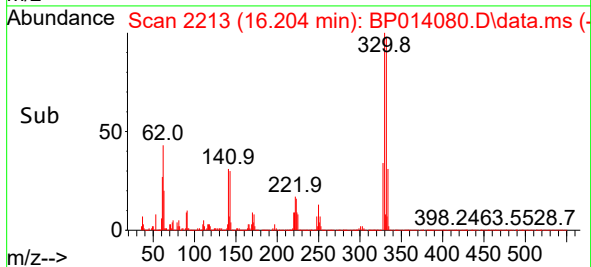
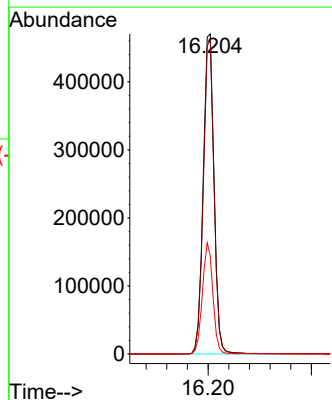
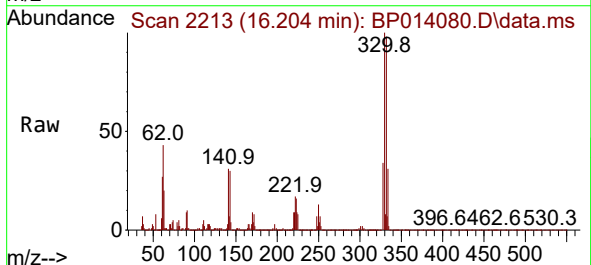
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2023

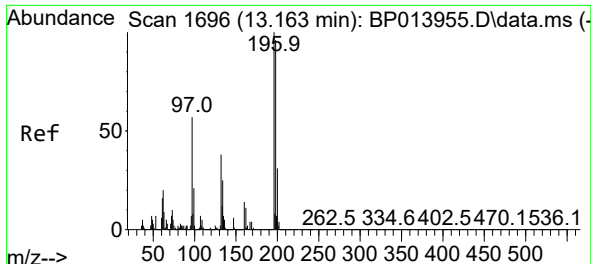
Tgt Ion:	237	Resp:	27212
Ion Ratio	Lower	Upper	
237	100		
235	61.7	41.9	81.9
272	11.6	0.0	32.6



#42
2,4,6-Tribromophenol
Concen: 107.595 ng
RT: 16.204 min Scan# 2213
Delta R.T. 0.000 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

Tgt Ion:	330	Resp:	683547
Ion Ratio	Lower	Upper	
330	100		
332	96.6	77.1	115.7
141	33.6	25.6	38.4

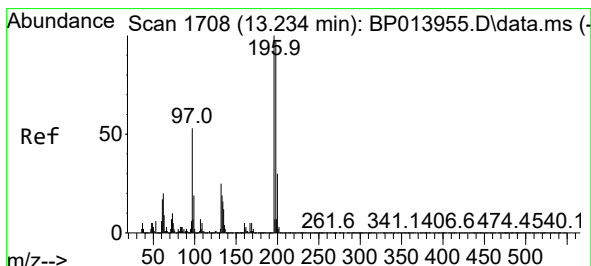
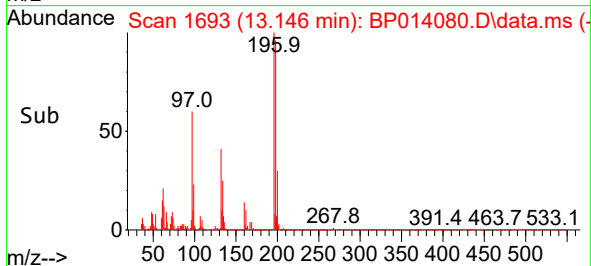
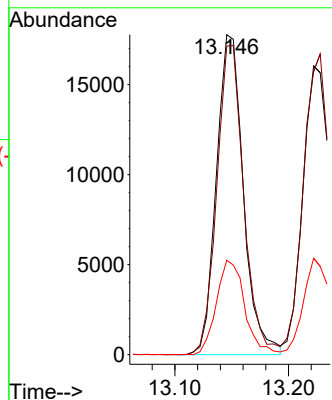
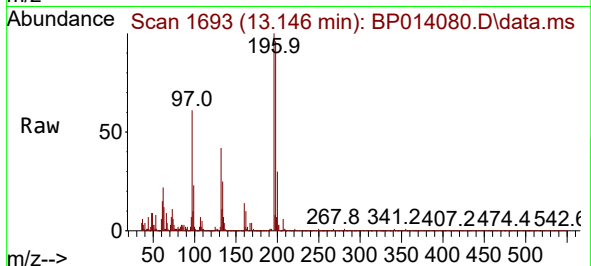




#43
2,4,6-Trichlorophenol
Concen: 3.107 ng
RT: 13.146 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

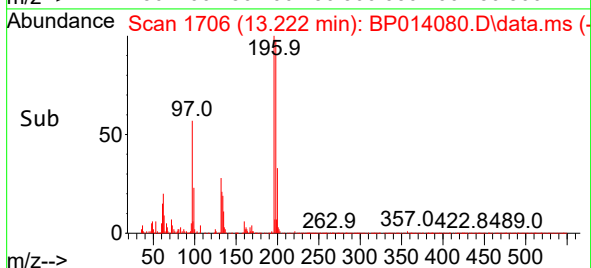
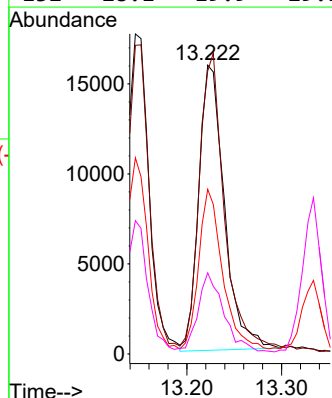
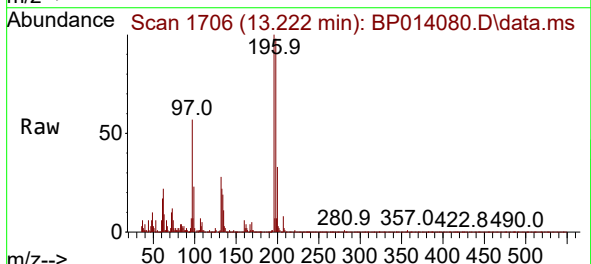
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2023

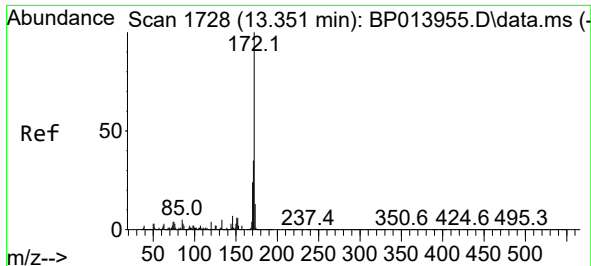
Tgt Ion:196 Resp: 29332
Ion Ratio Lower Upper
196 100
198 96.4 76.7 115.1
200 29.5 25.2 37.8



#44
2,4,5-Trichlorophenol
Concen: 2.726 ng
RT: 13.222 min Scan# 1706
Delta R.T. 0.000 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

Tgt Ion:196 Resp: 29819
Ion Ratio Lower Upper
196 100
198 98.0 77.5 116.3
97 57.0 42.6 64.0
132 28.1 19.9 29.9

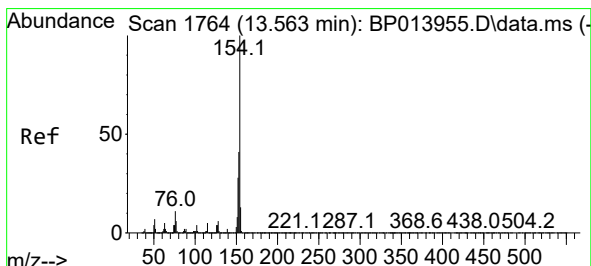
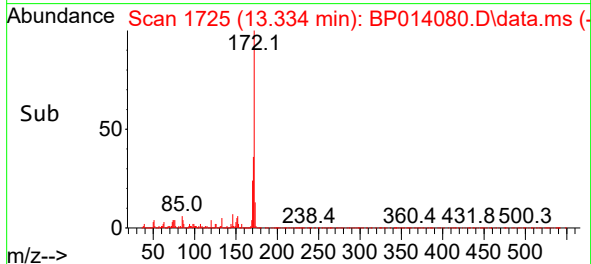
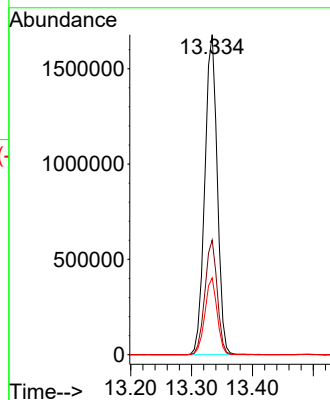
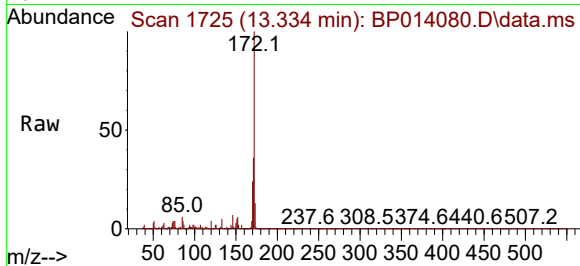




#45
2-Fluorobiphenyl
Concen: 79.004 ng
RT: 13.334 min Scan# 1725
Delta R.T. -0.006 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

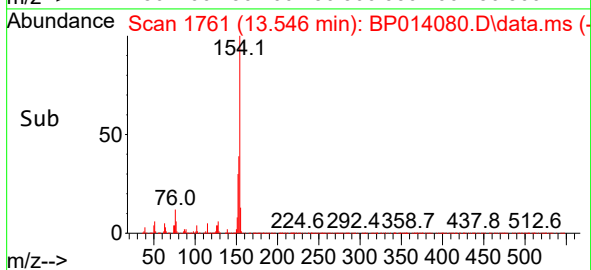
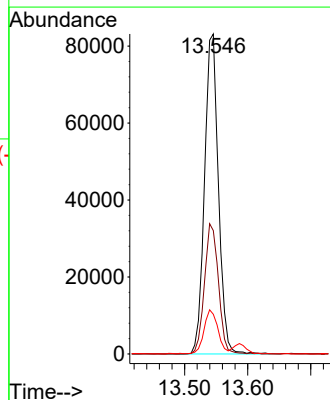
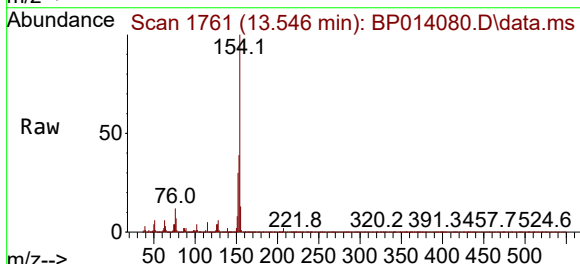
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT1-2023

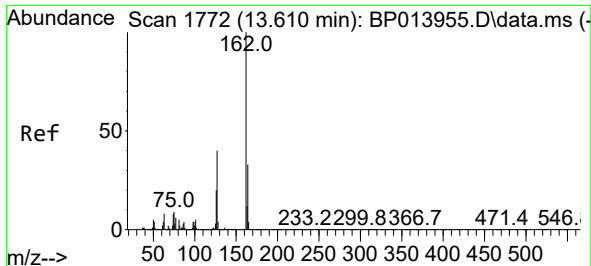
Tgt Ion:172 Resp: 2389357
Ion Ratio Lower Upper
172 100
171 35.8 28.3 42.5
170 24.0 19.0 28.4



#46
1,1'-Biphenyl
Concen: 4.018 ng
RT: 13.546 min Scan# 1761
Delta R.T. -0.006 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

Tgt Ion:154 Resp: 126724
Ion Ratio Lower Upper
154 100
153 38.6 21.0 61.0
76 12.4 0.0 31.0

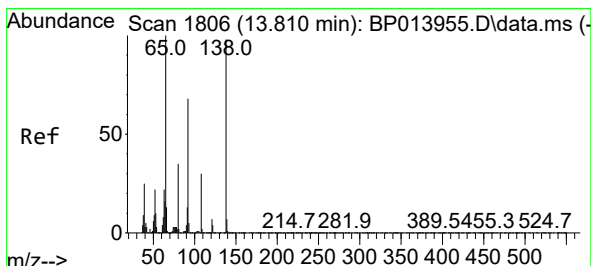
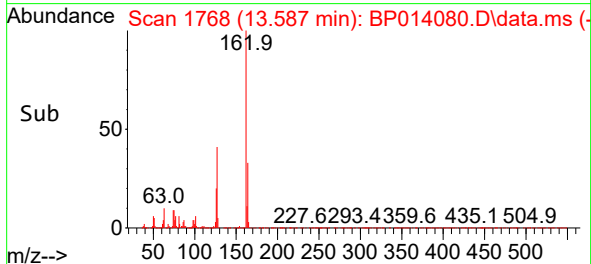
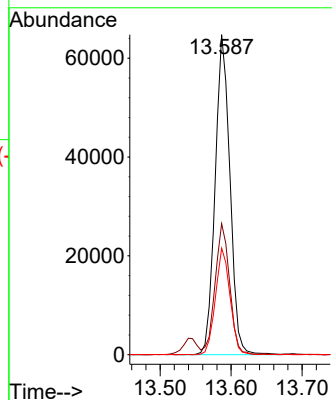
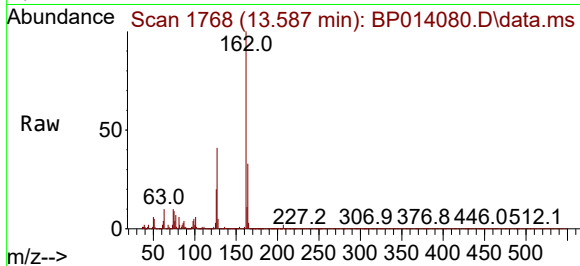




#47
2-Chloronaphthalene
Concen: 3.858 ng
RT: 13.587 min Scan# 1768
Delta R.T. -0.006 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

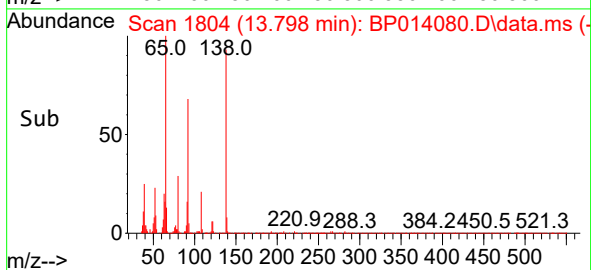
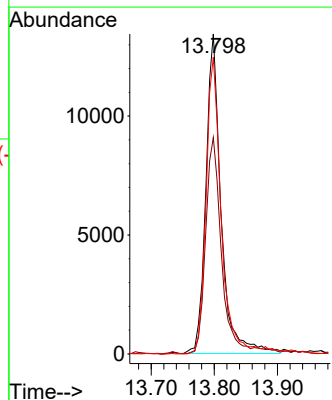
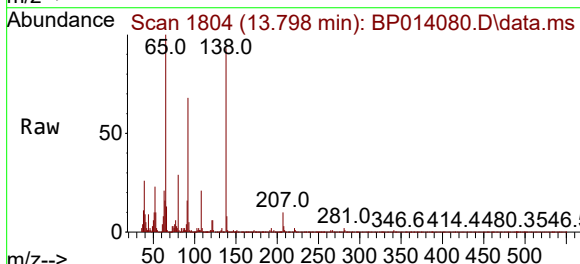
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2023

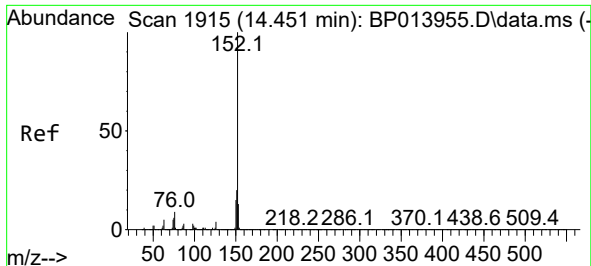
Tgt Ion:162 Resp: 93665
Ion Ratio Lower Upper
162 100
127 41.0 32.5 48.7
164 33.3 26.3 39.5



#48
2-Nitroaniline
Concen: 3.060 ng
RT: 13.798 min Scan# 1804
Delta R.T. 0.000 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

Tgt Ion: 65 Resp: 22548
Ion Ratio Lower Upper
65 100
92 67.7 54.4 81.6
138 92.7 78.0 117.0

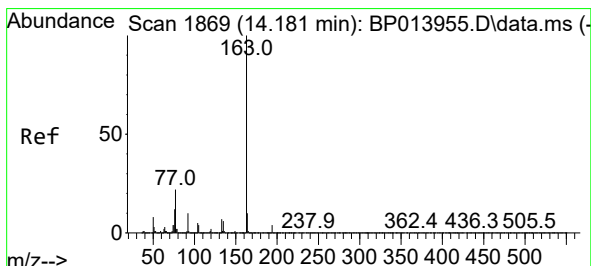
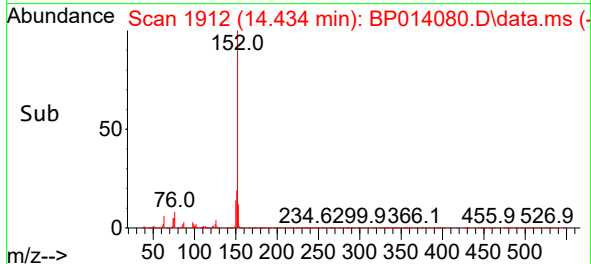
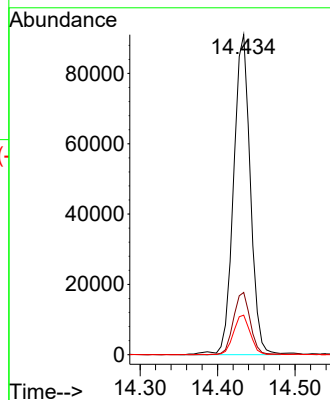
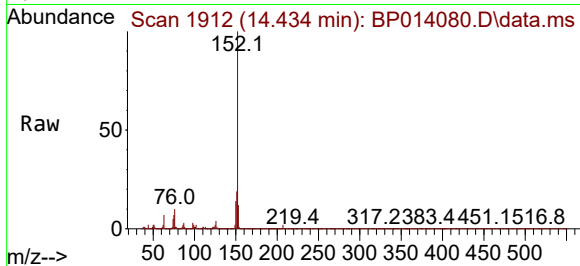




#49
Acenaphthylene
Concen: 3.547 ng
RT: 14.434 min Scan# 1912
Delta R.T. -0.006 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

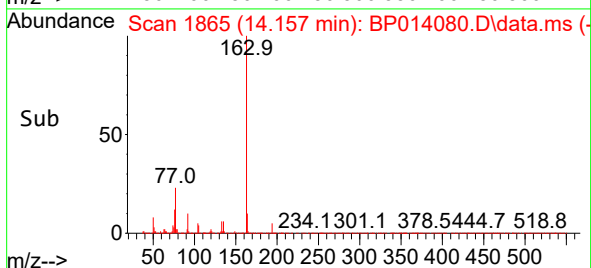
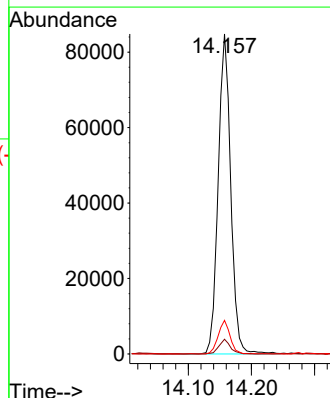
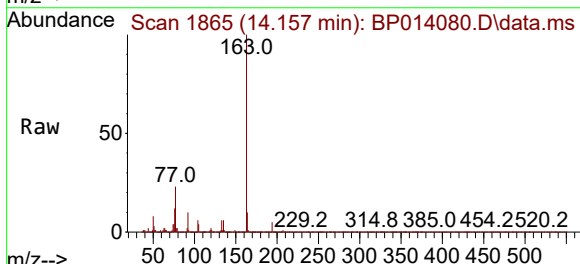
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2023

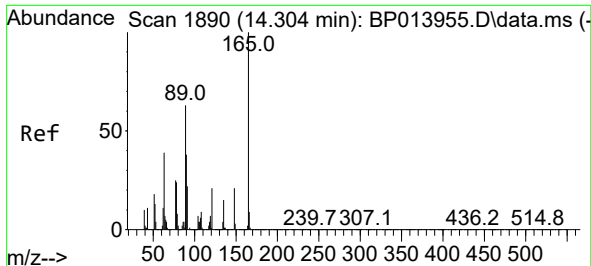
Tgt Ion:152 Resp: 136939
Ion Ratio Lower Upper
152 100
151 19.4 16.1 24.1
153 12.4 10.4 15.6



#50
Dimethylphthalate
Concen: 3.622 ng
RT: 14.157 min Scan# 1865
Delta R.T. -0.012 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

Tgt Ion:163 Resp: 117070
Ion Ratio Lower Upper
163 100
194 4.6 3.4 5.2
164 10.5 8.1 12.1

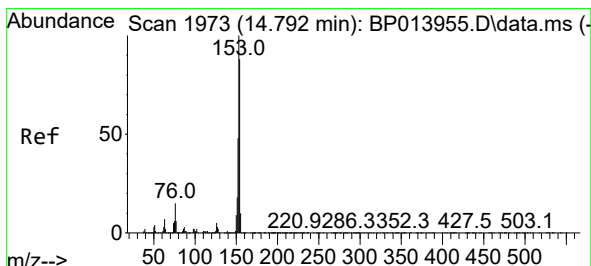
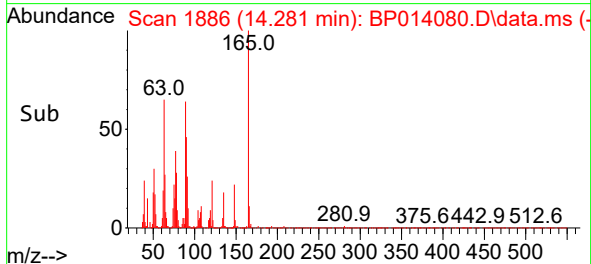
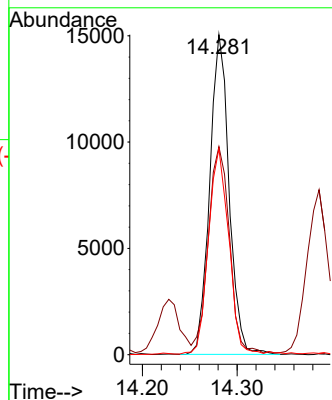
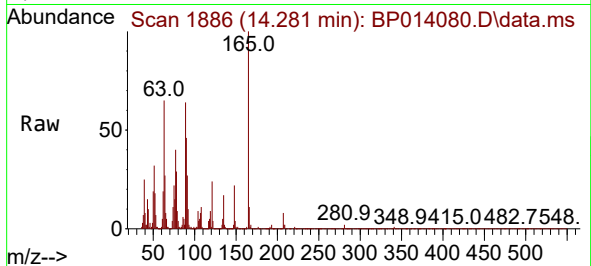




#51
2,6-Dinitrotoluene
Concen: 3.139 ng
RT: 14.281 min Scan# 1890
Delta R.T. -0.012 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

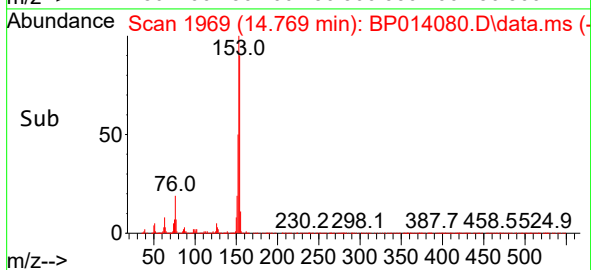
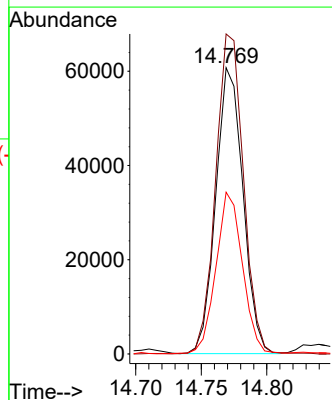
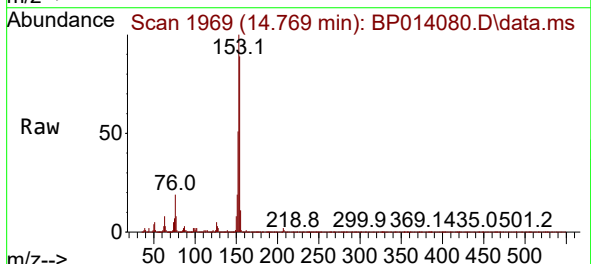
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2023

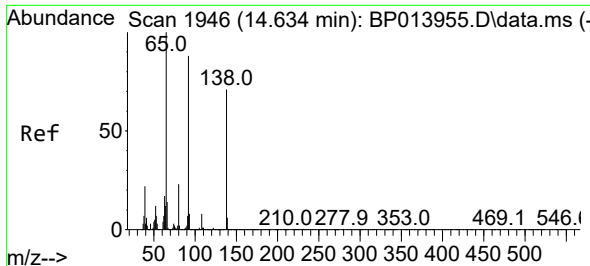
Tgt Ion:165 Resp: 21370
Ion Ratio Lower Upper
165 100
63 65.0 46.7 70.1
89 64.4 50.8 76.2



#52
Acenaphthene
Concen: 3.770 ng
RT: 14.769 min Scan# 1969
Delta R.T. -0.012 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

Tgt Ion:154 Resp: 87618
Ion Ratio Lower Upper
154 100
153 111.8 91.3 136.9
152 56.5 43.4 65.0

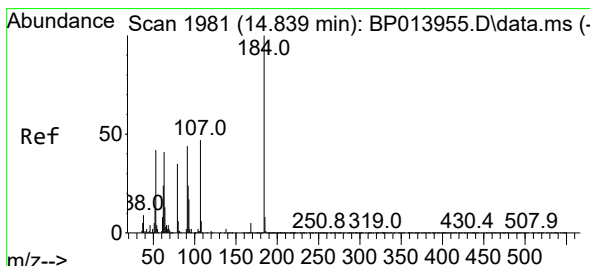
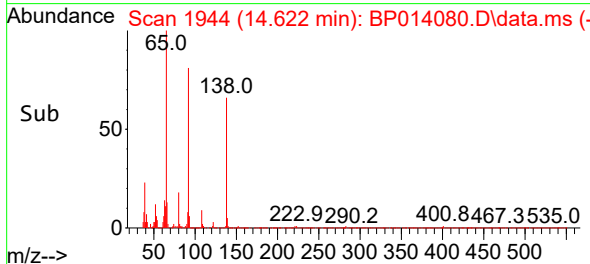
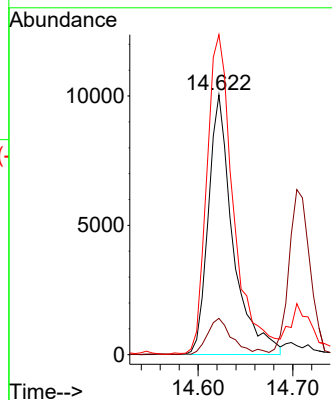
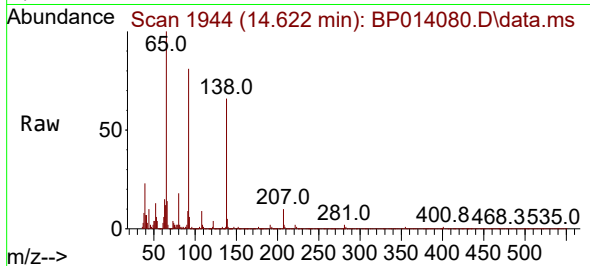




#53
3-Nitroaniline
Concen: 2.715 ng
RT: 14.622 min Scan# 1944
Delta R.T. 0.000 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

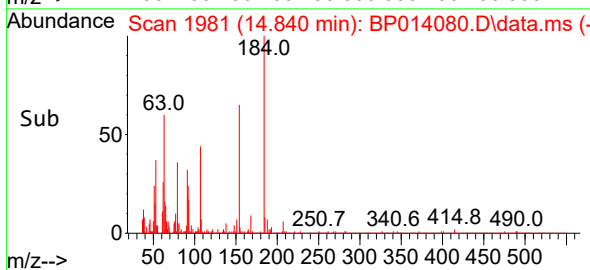
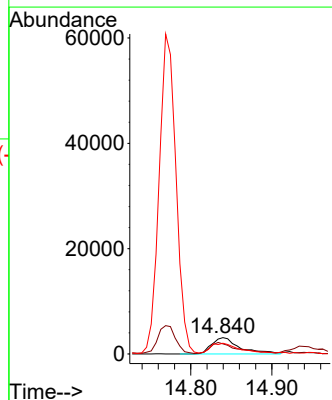
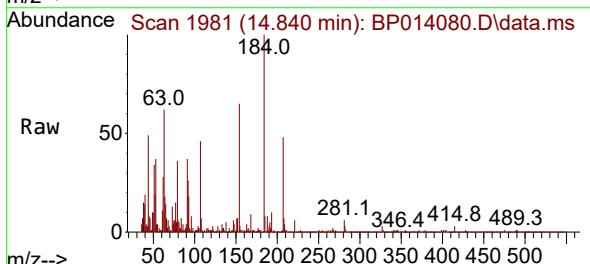
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2023

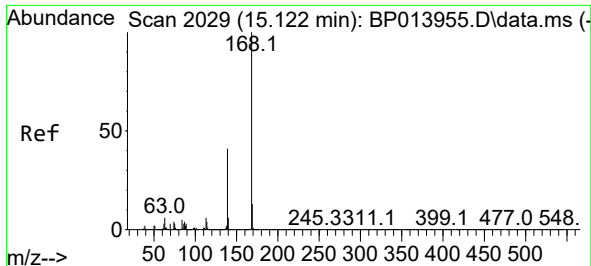
Tgt Ion:138 Resp: 18116
Ion Ratio Lower Upper
138 100
108 14.0 9.5 14.3
92 123.2 99.2 148.8



#54
2,4-Dinitrophenol
Concen: 4.495 ng
RT: 14.840 min Scan# 1981
Delta R.T. 0.012 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

Tgt Ion:184 Resp: 7438
Ion Ratio Lower Upper
184 100
63 61.5 52.4 78.6
154 65.1 59.4 89.2

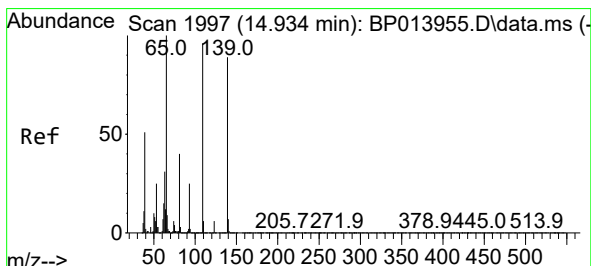
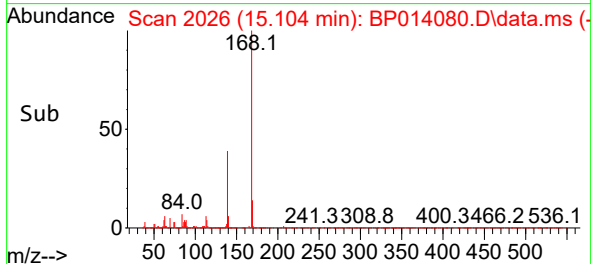
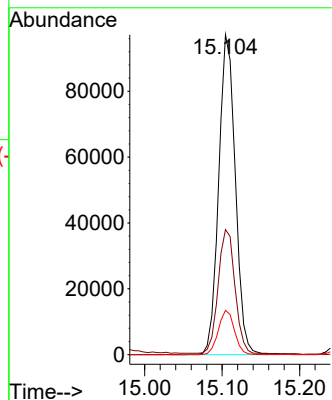
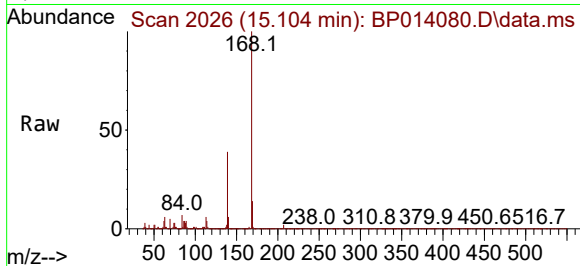




#55
Dibenzenofuran
Concen: 3.826 ng
RT: 15.104 min Scan# 20
Delta R.T. -0.006 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

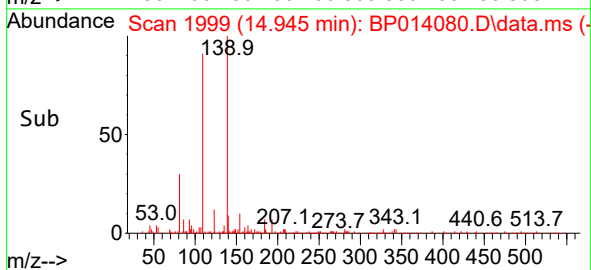
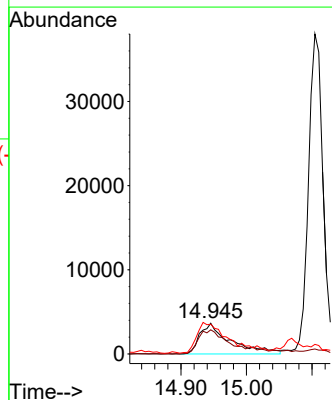
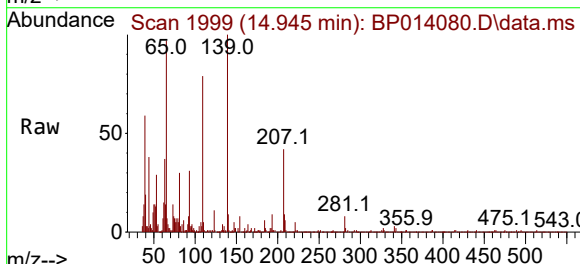
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2023

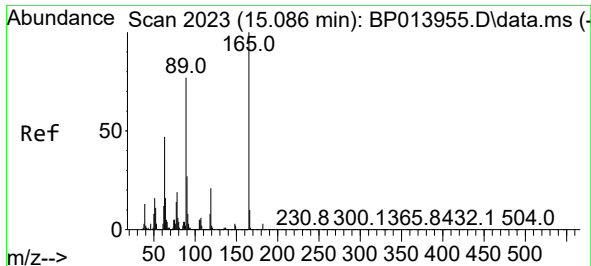
Tgt Ion:168 Resp: 144976
Ion Ratio Lower Upper
168 100
139 39.1 32.9 49.3
169 13.9 10.6 15.8



#56
4-Nitrophenol
Concen: 2.190 ng
RT: 14.945 min Scan# 1999
Delta R.T. 0.024 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

Tgt Ion:139 Resp: 11897
Ion Ratio Lower Upper
139 100
109 78.9 87.0 127.0#
65 96.8 92.1 132.1

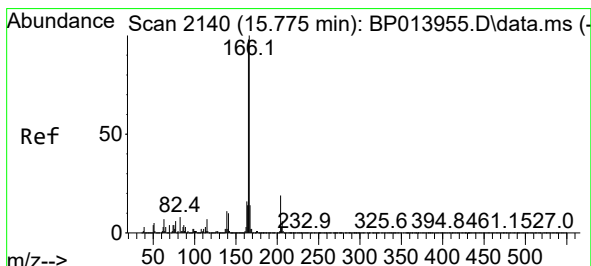
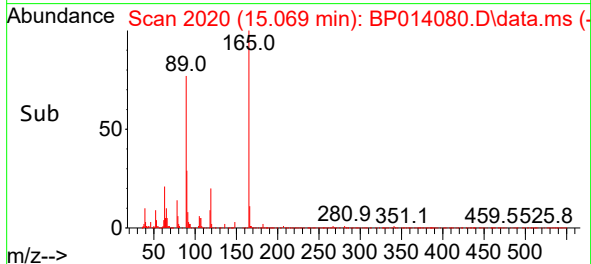
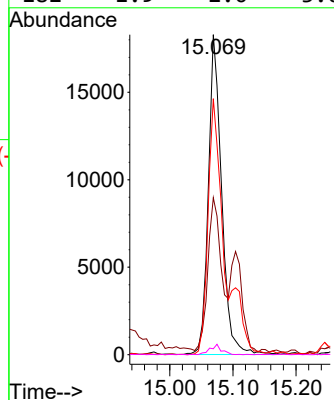
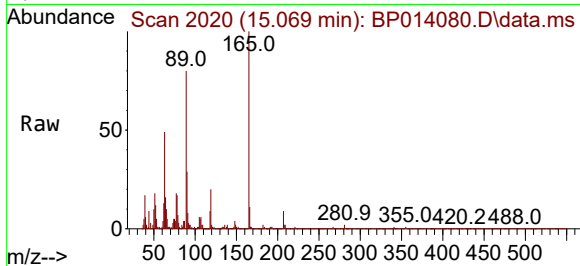




#57
2,4-Dinitrotoluene
Concen: 2.946 ng
RT: 15.069 min Scan# 20
Delta R.T. -0.006 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

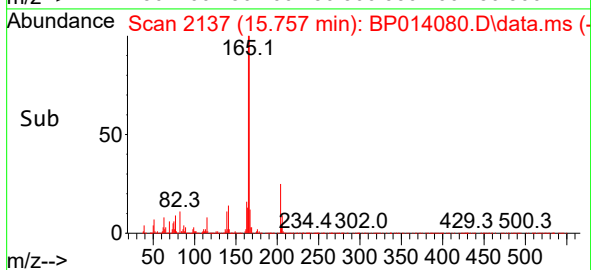
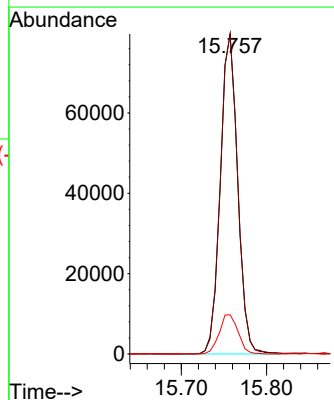
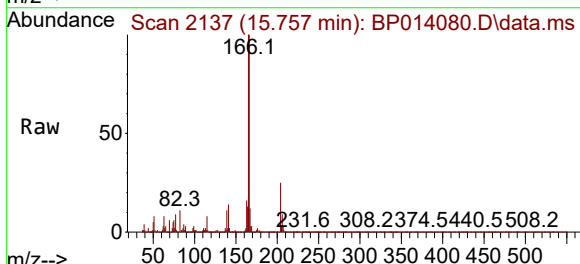
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2023

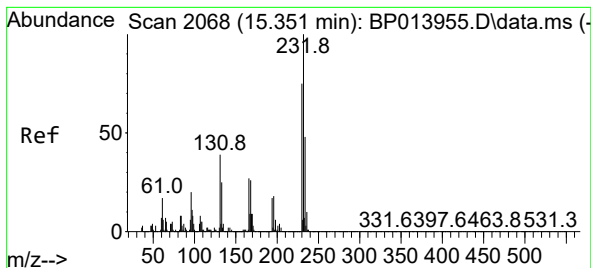
Tgt Ion:165 Resp: 26809
Ion Ratio Lower Upper
165 100
63 49.0 37.5 56.3
89 80.0 61.8 92.8
182 1.9 2.0 3.0#



#58
Fluorene
Concen: 3.745 ng
RT: 15.757 min Scan# 2137
Delta R.T. -0.006 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

Tgt Ion:166 Resp: 112685
Ion Ratio Lower Upper
166 100
165 100.1 78.1 117.1
167 12.3 10.8 16.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 3.227 ng

RT: 15.334 min Scan# 2065

Delta R.T. -0.006 min

Lab File: BP014080.D

Acq: 14 Mar 2023 12:49

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT1-2023

Tgt Ion:232 Resp: 30794

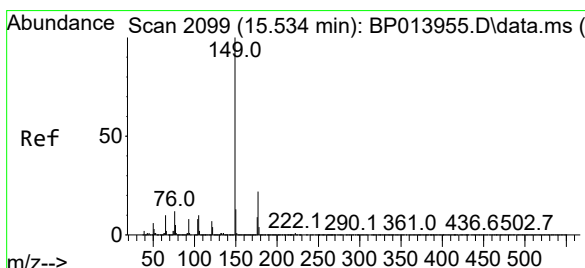
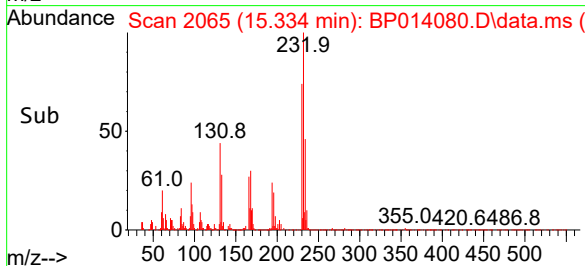
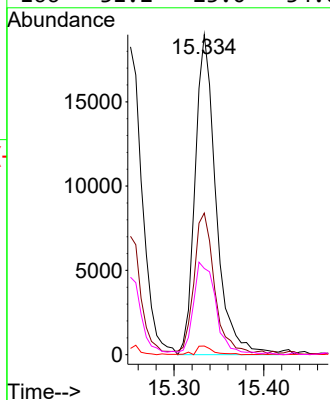
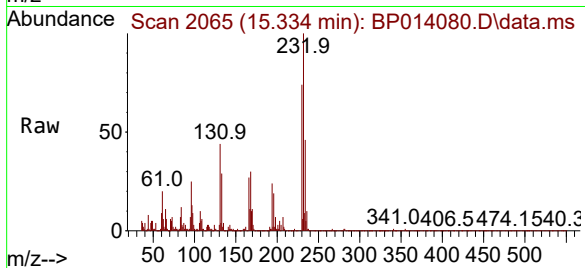
Ion Ratio Lower Upper

232 100

131 41.6 32.5 48.7

130 2.2 1.9 2.9

166 31.2 23.0 34.6



#60

Diethylphthalate

Concen: 3.553 ng

RT: 15.516 min Scan# 2096

Delta R.T. -0.006 min

Lab File: BP014080.D

Acq: 14 Mar 2023 12:49

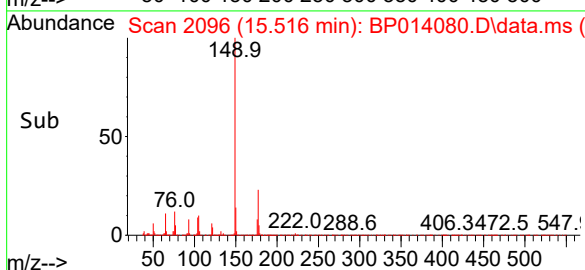
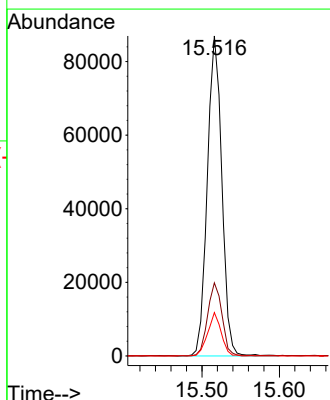
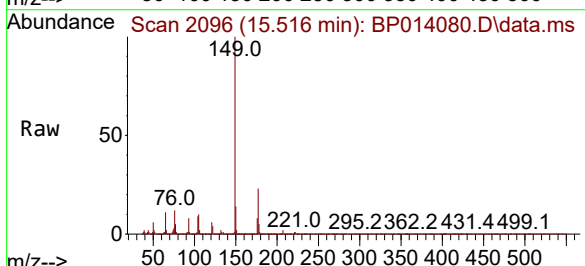
Tgt Ion:149 Resp: 113383

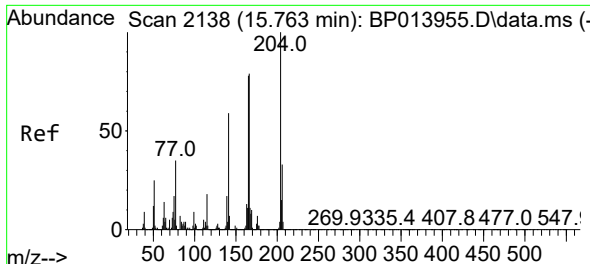
Ion Ratio Lower Upper

149 100

177 22.9 18.0 27.0

150 13.6 10.3 15.5

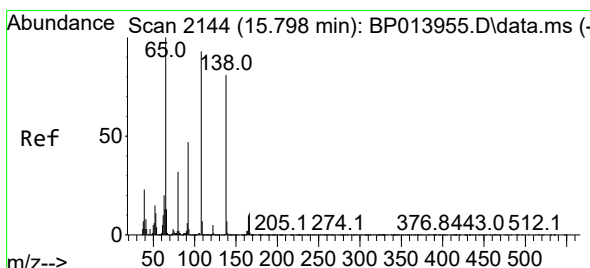
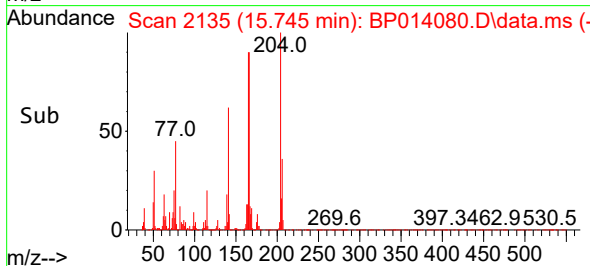
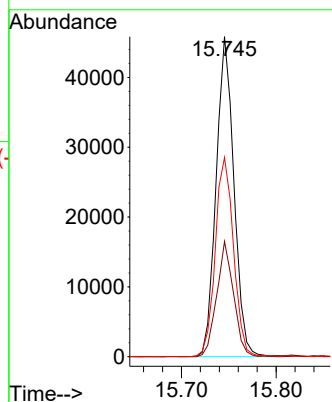
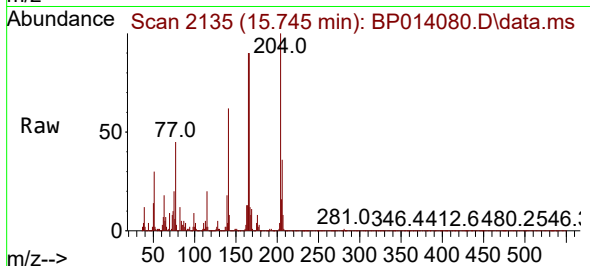




#61
4-Chlorophenyl-phenylether
Concen: 3.512 ng
RT: 15.745 min Scan# 2135
Delta R.T. -0.006 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

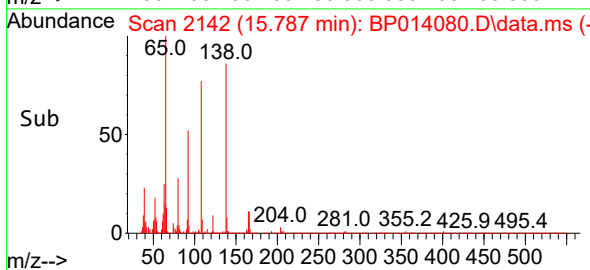
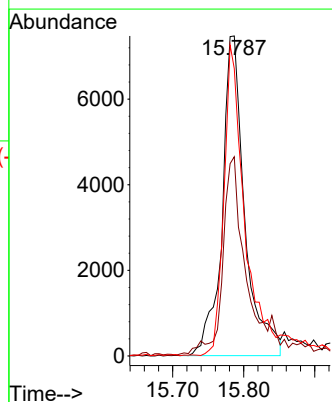
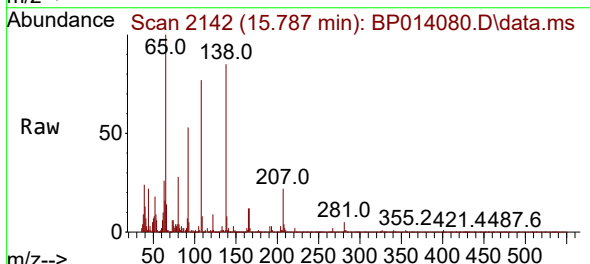
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT1-2023

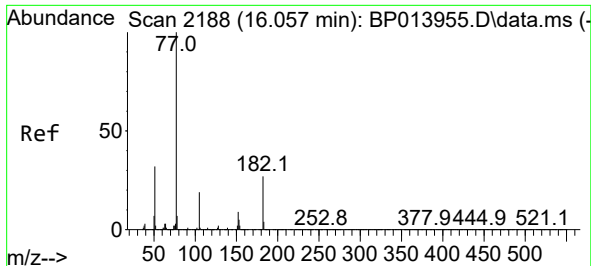
Tgt Ion:204 Resp: 59896
Ion Ratio Lower Upper
204 100
206 36.0 26.2 39.4
141 62.3 46.9 70.3



#62
4-Nitroaniline
Concen: 2.494 ng
RT: 15.787 min Scan# 2142
Delta R.T. 0.000 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

Tgt Ion:138 Resp: 16568
Ion Ratio Lower Upper
138 100
92 62.2 37.9 77.9
108 89.8 94.9 134.9#

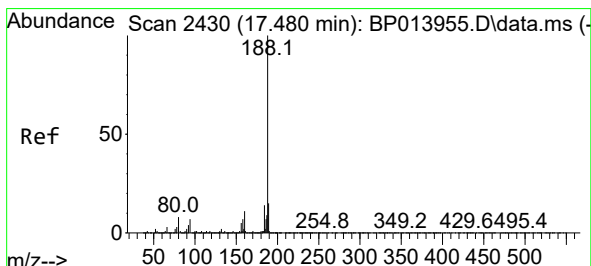
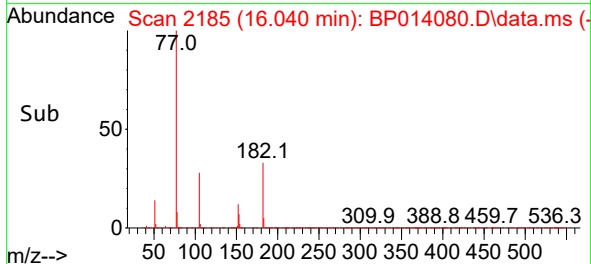
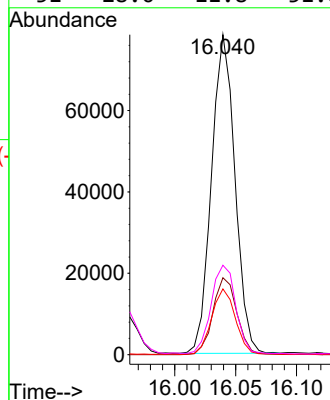
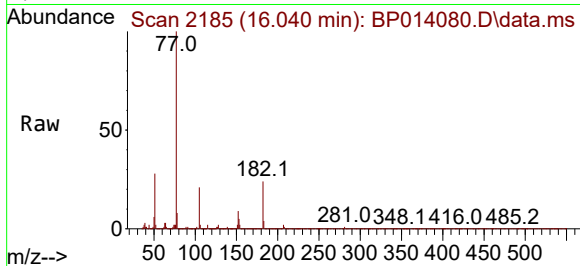




#63
Azobenzene
Concen: 3.554 ng
RT: 16.040 min Scan# 2188
Delta R.T. -0.006 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

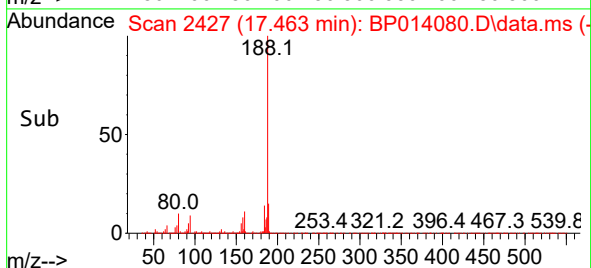
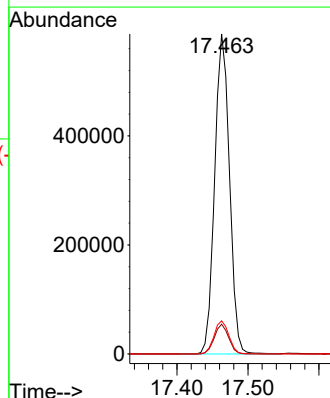
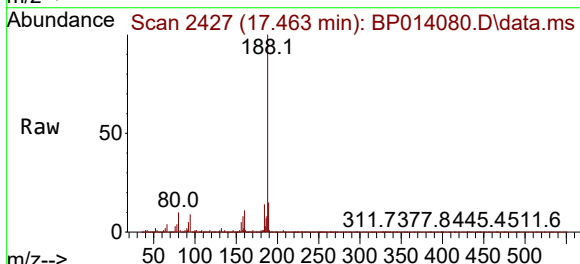
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT1-2023

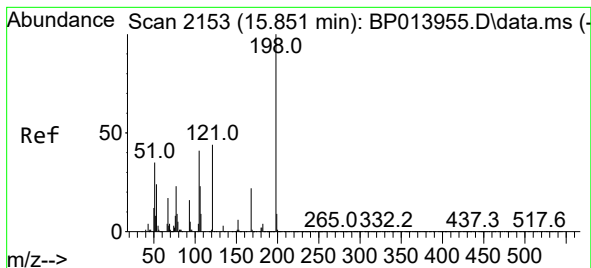
Tgt Ion: 77	Resp: 104969
Ion Ratio	Lower Upper
77 100	
182 24.0	6.9 46.9
105 20.5	0.0 39.4
51 28.0	11.8 51.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.463 min Scan# 2427
Delta R.T. -0.006 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

Tgt Ion:188	Resp: 847456
Ion Ratio	Lower Upper
188 100	
94 9.3	5.8 8.6#
80 10.4	6.6 9.8#





#65

4,6-Dinitro-2-methylphenol

Concen: 2.138 ng

RT: 15.840 min Scan# 2151

Delta R.T. 0.000 min

Lab File: BP014080.D

Acq: 14 Mar 2023 12:49

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT1-2023

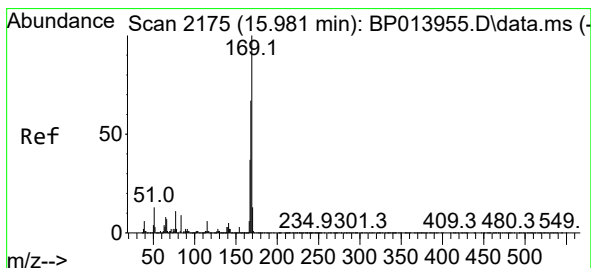
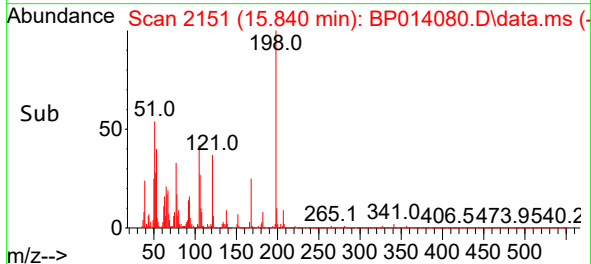
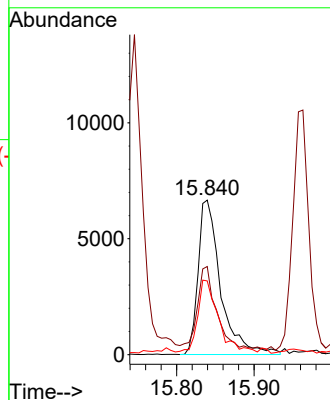
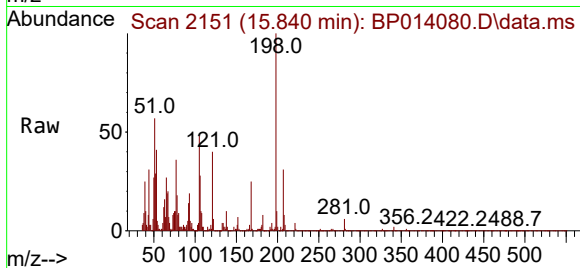
Tgt Ion:198 Resp: 13418

Ion Ratio Lower Upper

198 100

51 57.0 22.1 62.1

105 47.7 21.5 61.5



#66

n-Nitrosodiphenylamine

Concen: 3.572 ng

RT: 15.963 min Scan# 2172

Delta R.T. -0.006 min

Lab File: BP014080.D

Acq: 14 Mar 2023 12:49

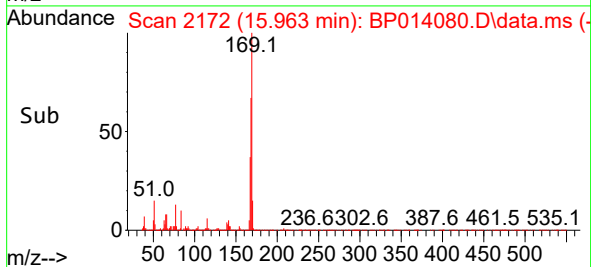
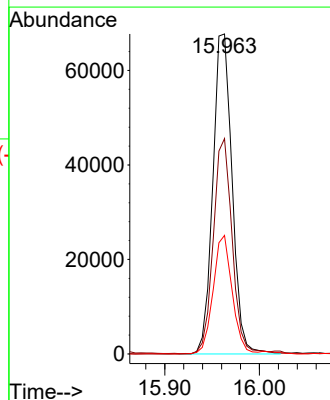
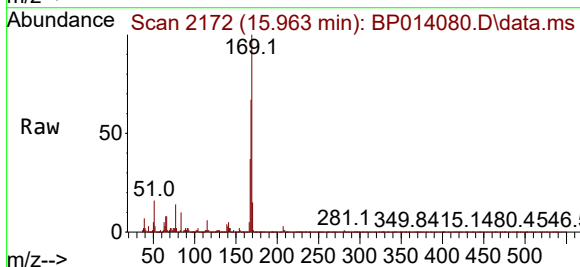
Tgt Ion:169 Resp: 95658

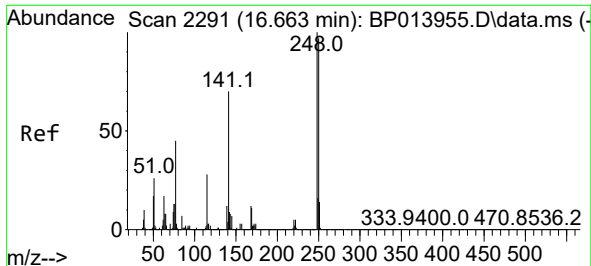
Ion Ratio Lower Upper

169 100

168 67.3 54.0 81.0

167 37.1 29.4 44.2

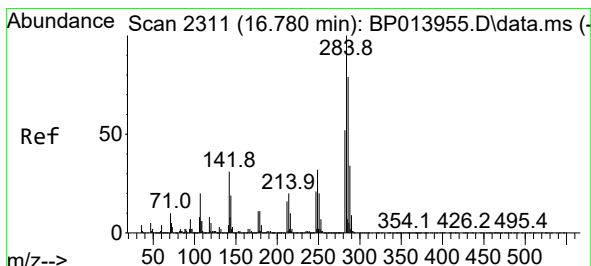
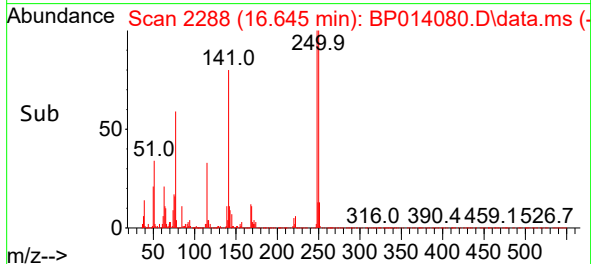
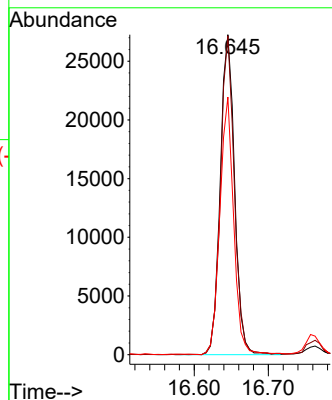
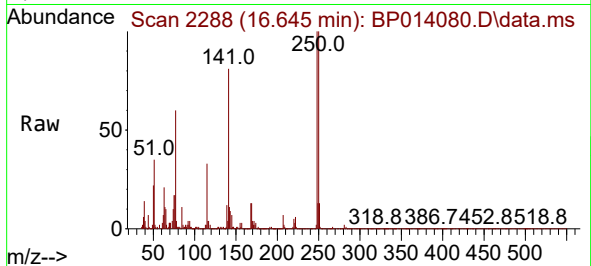




#67
4-Bromophenyl-phenylether
Concen: 3.266 ng
RT: 16.645 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

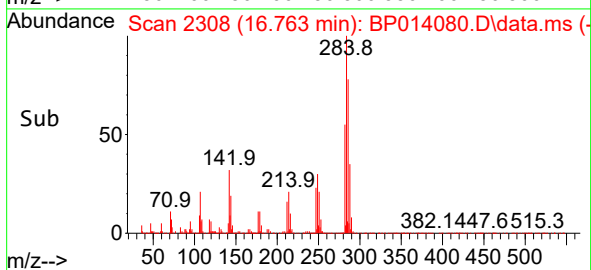
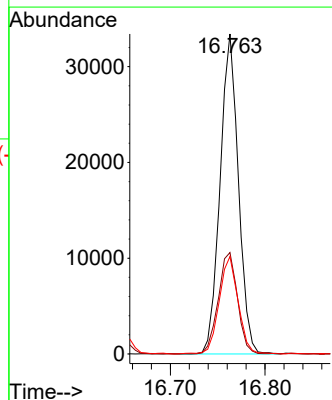
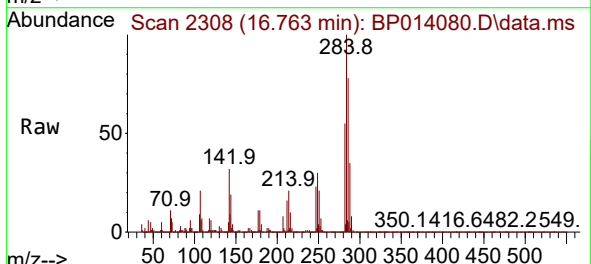
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2023

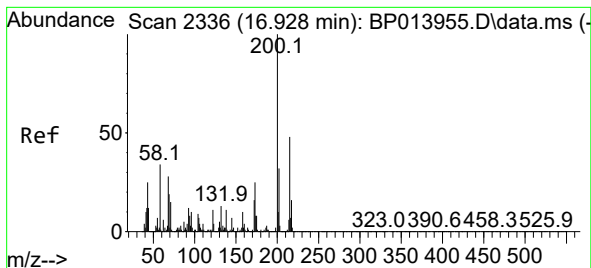
Tgt Ion:248 Resp: 36613
Ion Ratio Lower Upper
248 100
250 99.6 77.9 116.9
141 80.5 56.0 84.0



#68
Hexachlorobenzene
Concen: 3.735 ng
RT: 16.763 min Scan# 2308
Delta R.T. -0.006 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

Tgt Ion:284 Resp: 44883
Ion Ratio Lower Upper
284 100
142 31.7 24.8 37.2
249 30.4 25.7 38.5





#69

Atrazine

Concen: 3.416 ng

RT: 16.910 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP014080.D

Acq: 14 Mar 2023 12:49

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT1-2023

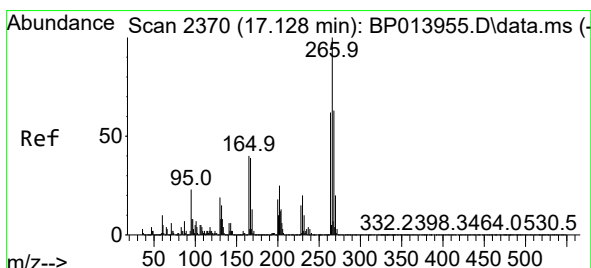
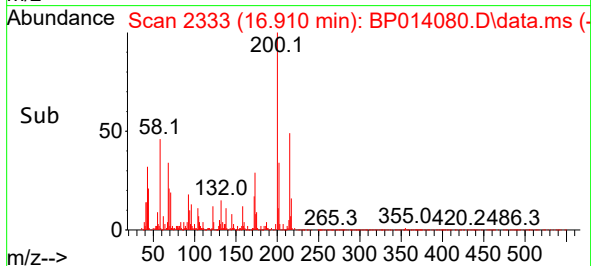
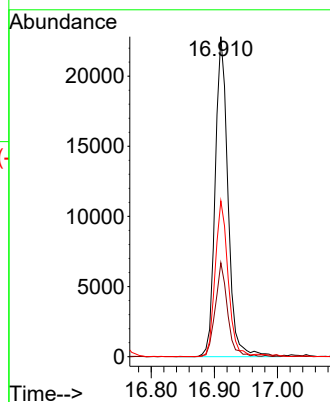
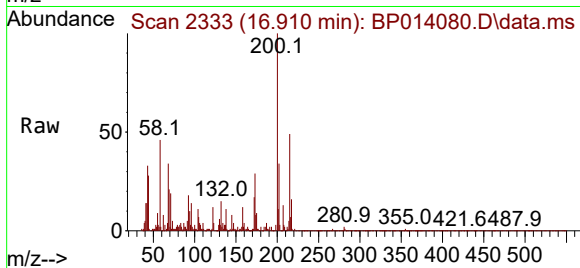
Tgt Ion:200 Resp: 32120

Ion Ratio Lower Upper

200 100

173 29.4 5.5 45.5

215 48.7 27.9 67.9



#70

Pentachlorophenol

Concen: 2.345 ng

RT: 17.116 min Scan# 2368

Delta R.T. 0.000 min

Lab File: BP014080.D

Acq: 14 Mar 2023 12:49

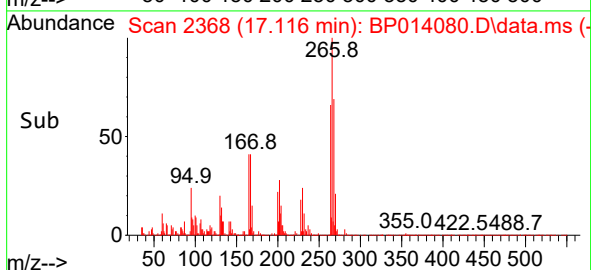
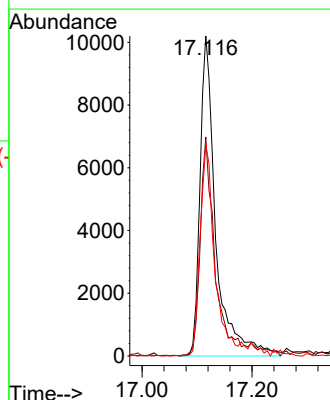
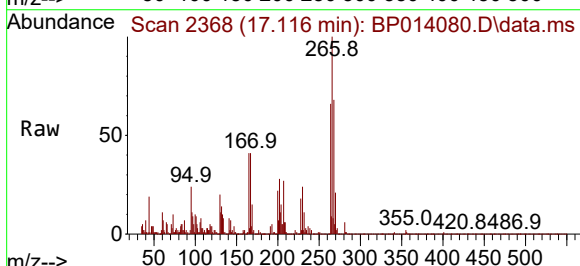
Tgt Ion:266 Resp: 20322

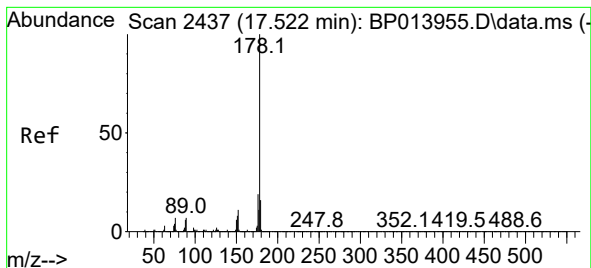
Ion Ratio Lower Upper

266 100

268 68.5 50.4 75.6

264 66.0 49.2 73.8





#71

Phenanthrene

Concen: 3.842 ng

RT: 17.504 min Scan# 2437

Delta R.T. -0.006 min

Lab File: BP014080.D

Acq: 14 Mar 2023 12:49

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT1-2023

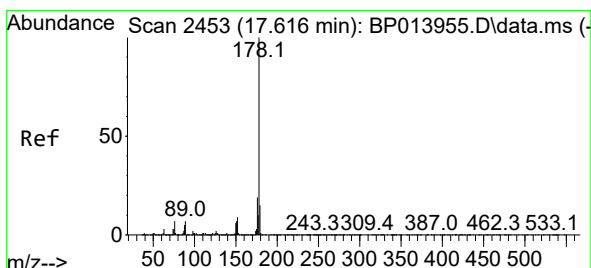
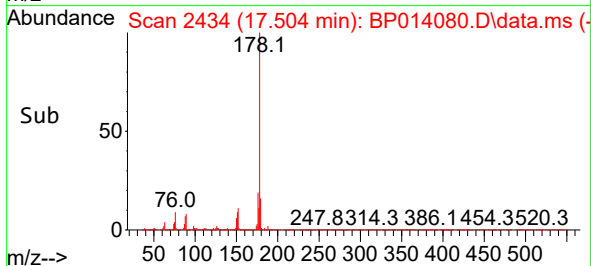
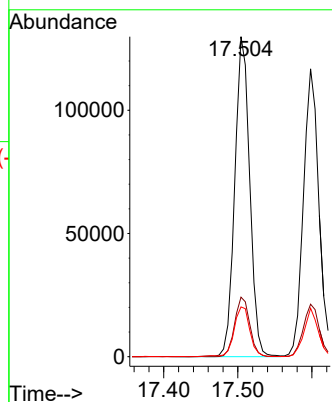
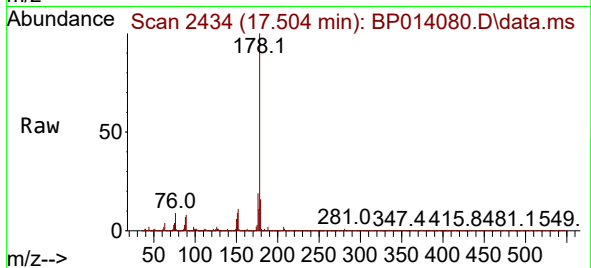
Tgt Ion:178 Resp: 181914

Ion Ratio Lower Upper

178 100

176 18.6 15.4 23.2

179 15.5 12.6 19.0



#72

Anthracene

Concen: 3.528 ng

RT: 17.598 min Scan# 2450

Delta R.T. -0.006 min

Lab File: BP014080.D

Acq: 14 Mar 2023 12:49

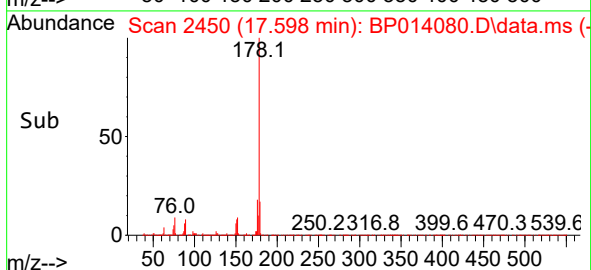
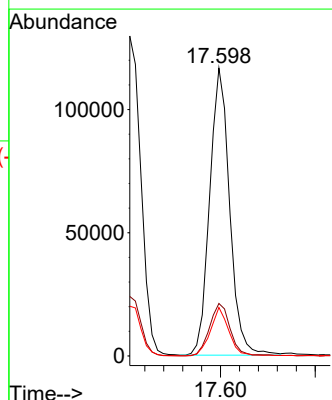
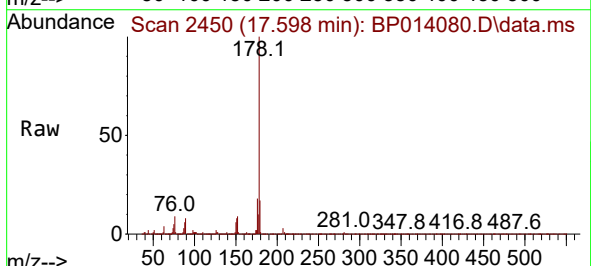
Tgt Ion:178 Resp: 170650

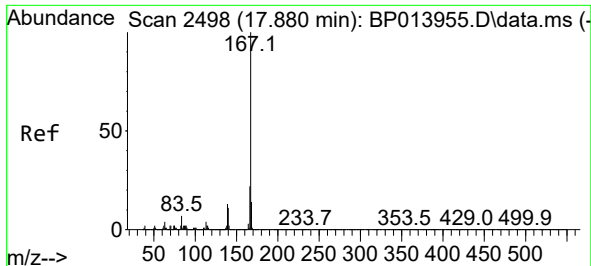
Ion Ratio Lower Upper

178 100

176 18.3 14.9 22.3

179 16.8 12.1 18.1

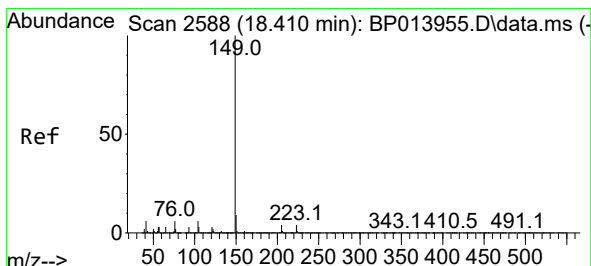
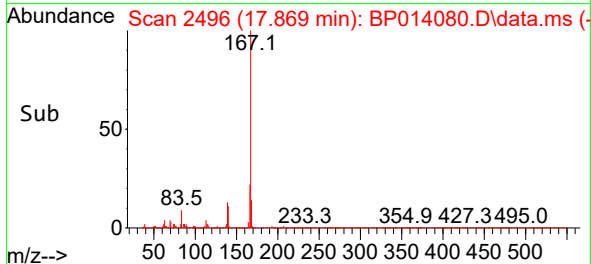
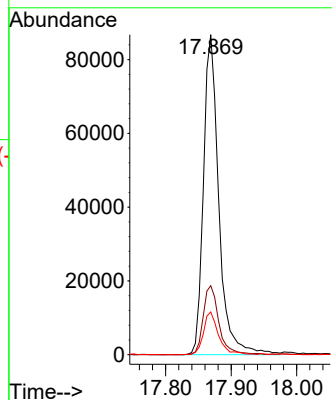
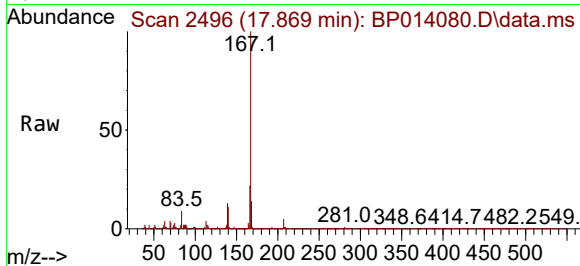




#73
 Carbazole
 Concen: 3.390 ng
 RT: 17.869 min Scan# 2496
 Delta R.T. 0.000 min
 Lab File: BP014080.D
 Acq: 14 Mar 2023 12:49

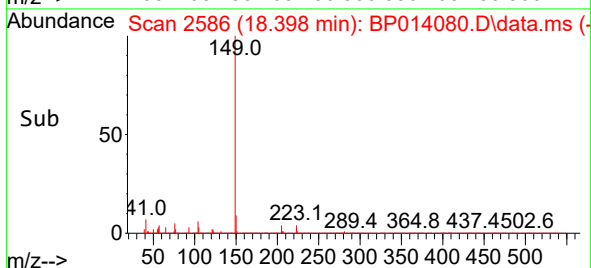
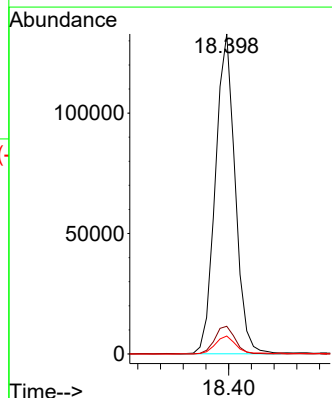
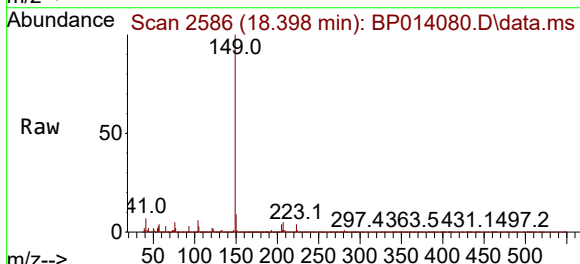
Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-03-QT1-2023

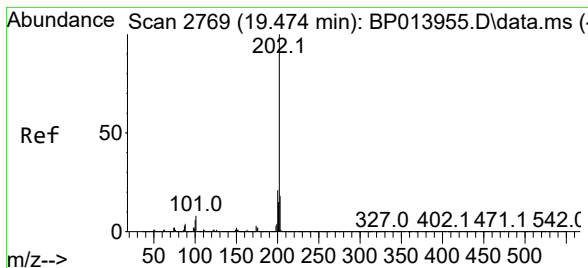
Tgt Ion:167 Resp: 141472
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.2 25.8
 139 13.4 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 3.072 ng
 RT: 18.398 min Scan# 2586
 Delta R.T. 0.000 min
 Lab File: BP014080.D
 Acq: 14 Mar 2023 12:49

Tgt Ion:149 Resp: 160285
 Ion Ratio Lower Upper
 149 100
 150 8.7 7.2 10.8
 104 5.6 4.6 7.0





#75

Fluoranthene

Concen: 3.413 ng

RT: 19.463 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP014080.D

Acq: 14 Mar 2023 12:49

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT1-2023

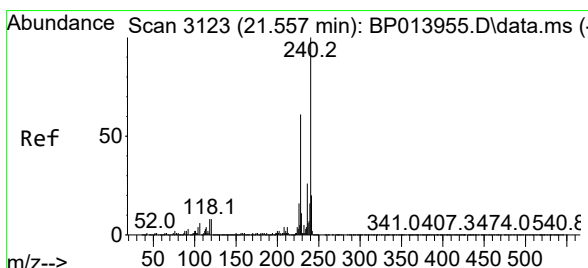
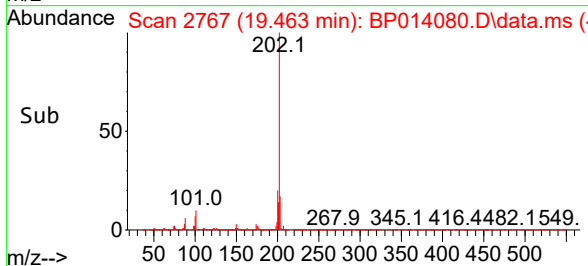
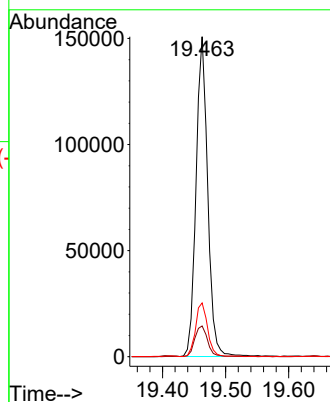
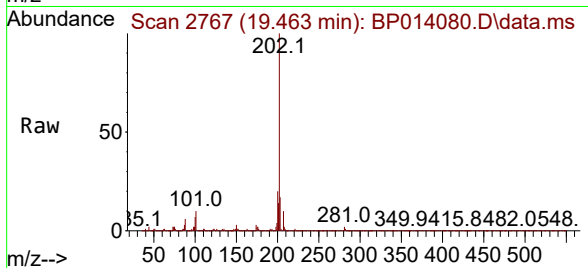
Tgt Ion:202 Resp: 193142

Ion Ratio Lower Upper

202 100

101 9.6 0.0 27.9

203 16.8 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.545 min Scan# 3121

Delta R.T. 0.000 min

Lab File: BP014080.D

Acq: 14 Mar 2023 12:49

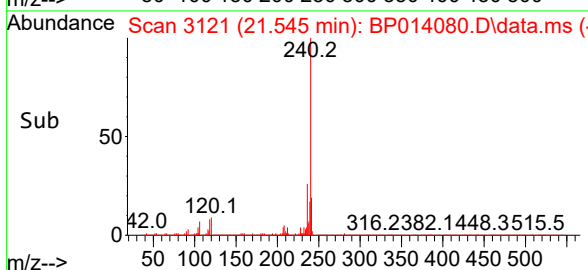
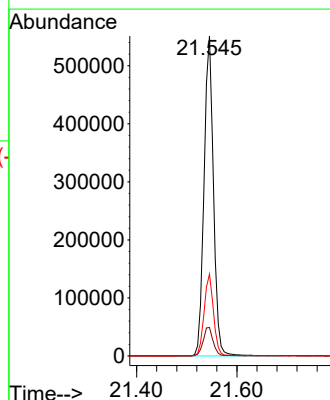
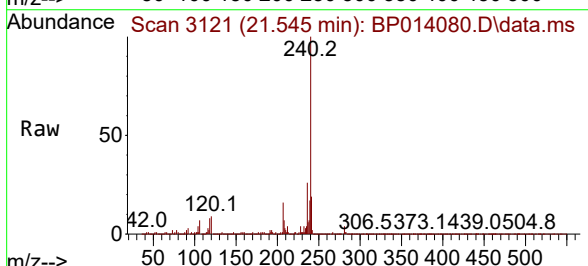
Tgt Ion:240 Resp: 720410

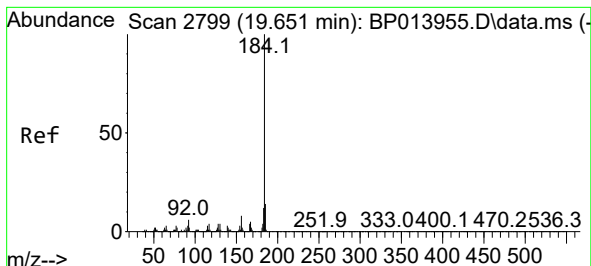
Ion Ratio Lower Upper

240 100

120 8.9 6.4 9.6

236 25.6 21.2 31.8





#77

Benzidine

Concen: 6.937 ng

RT: 19.639 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP014080.D

Acq: 14 Mar 2023 12:49

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT1-2023

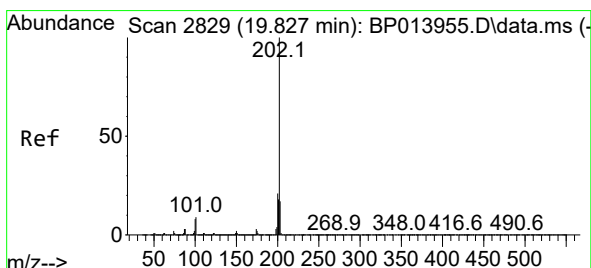
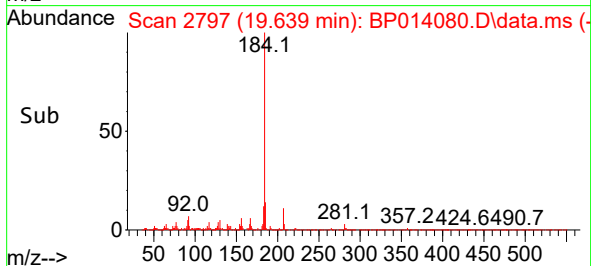
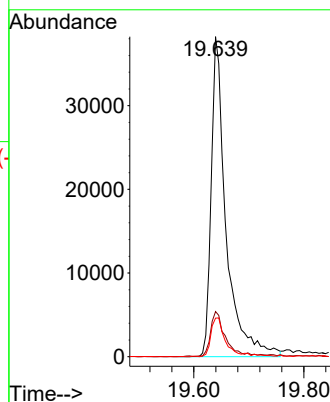
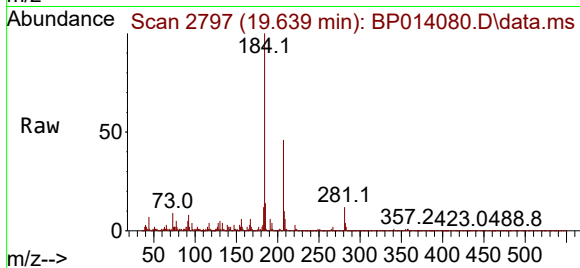
Tgt Ion:184 Resp: 71955

Ion Ratio Lower Upper

184 100

185 14.1 11.6 17.4

183 12.1 9.7 14.5



#78

Pyrene

Concen: 3.694 ng

RT: 19.816 min Scan# 2827

Delta R.T. 0.000 min

Lab File: BP014080.D

Acq: 14 Mar 2023 12:49

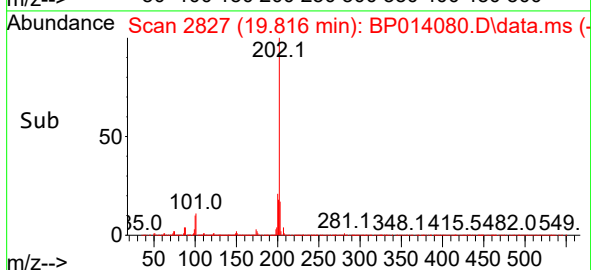
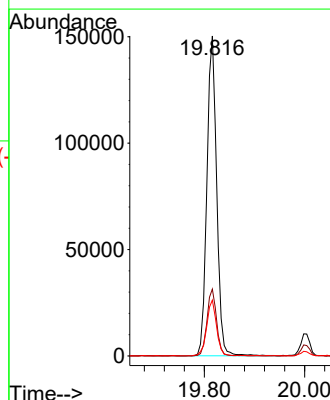
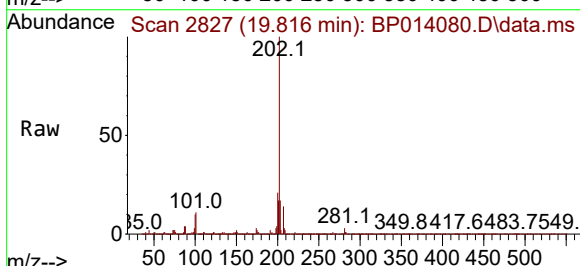
Tgt Ion:202 Resp: 204257

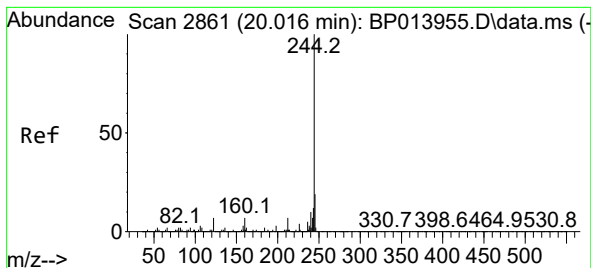
Ion Ratio Lower Upper

202 100

200 20.9 16.9 25.3

203 17.4 13.9 20.9





#79

Terphenyl-d14

Concen: 80.686 ng

RT: 20.004 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP014080.D

Acq: 14 Mar 2023 12:49

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT1-2023

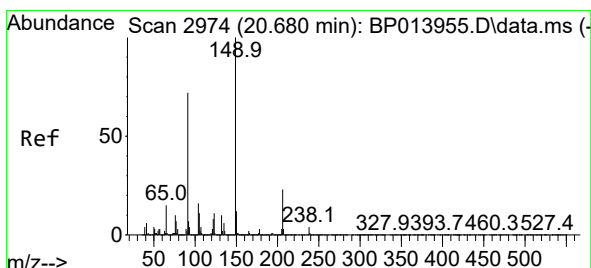
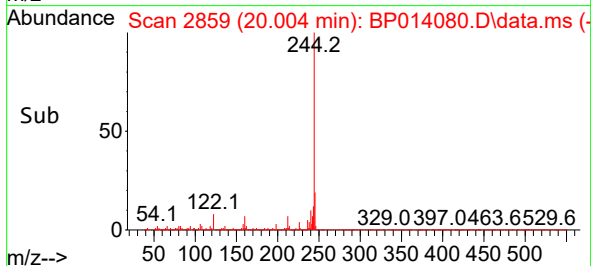
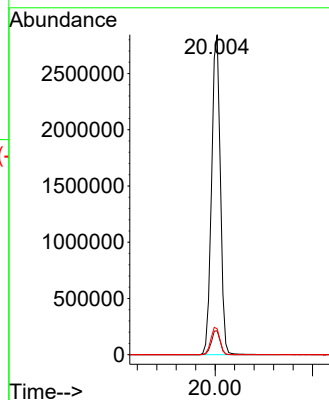
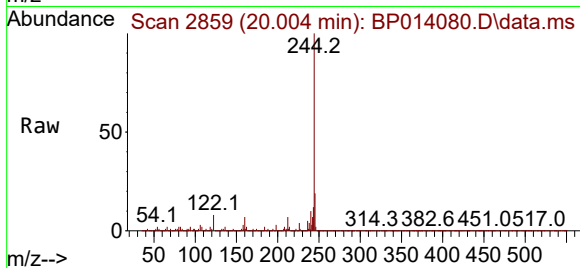
Tgt Ion:244 Resp: 3525080

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

122 8.1 5.8 8.6



#80

Butylbenzylphthalate

Concen: 2.777 ng

RT: 20.669 min Scan# 2972

Delta R.T. 0.000 min

Lab File: BP014080.D

Acq: 14 Mar 2023 12:49

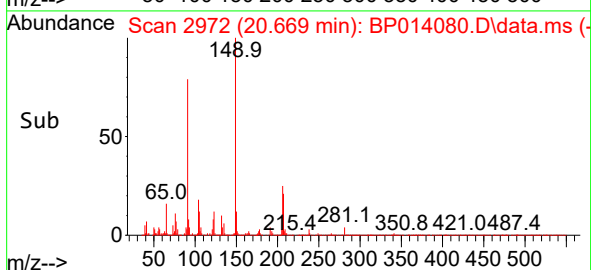
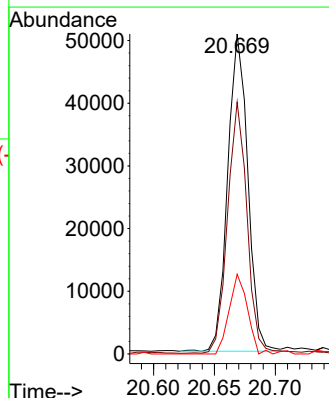
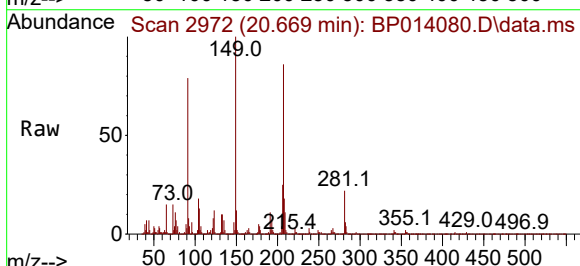
Tgt Ion:149 Resp: 58207

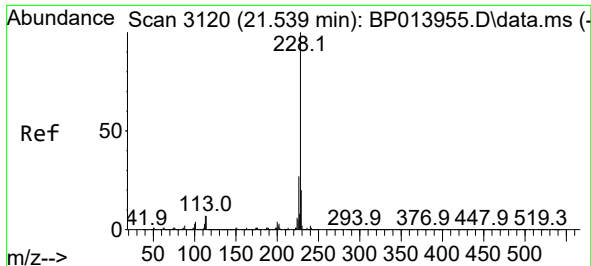
Ion Ratio Lower Upper

149 100

91 78.7 58.0 87.0

206 24.9 18.7 28.1

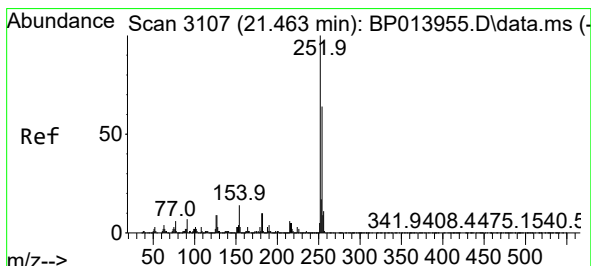
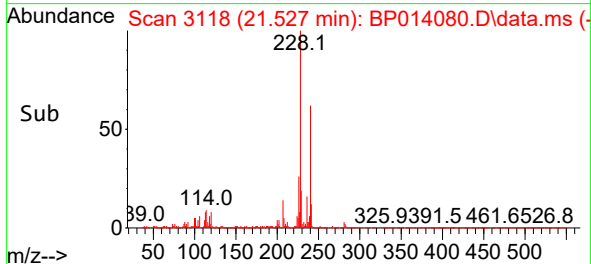
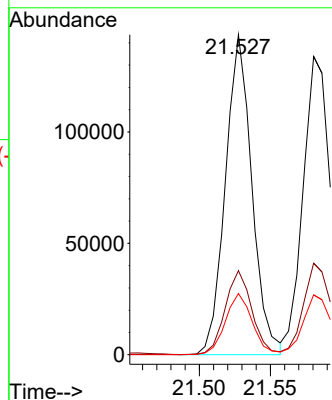
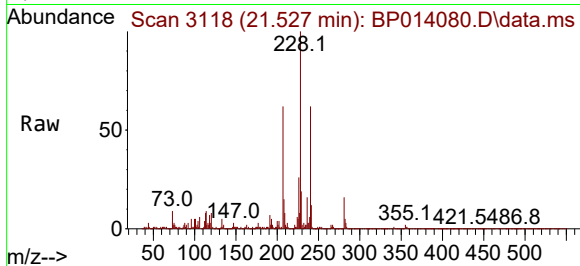




#81
Benzo(a)anthracene
Concen: 3.529 ng
RT: 21.527 min Scan# 3118
Delta R.T. 0.000 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

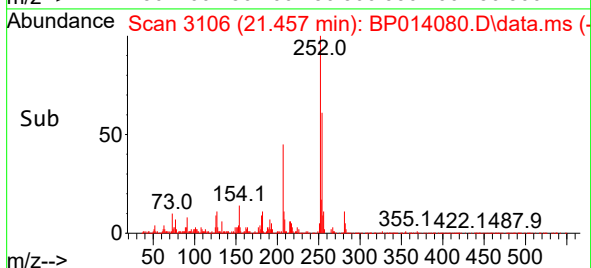
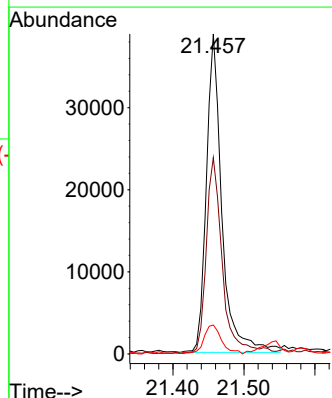
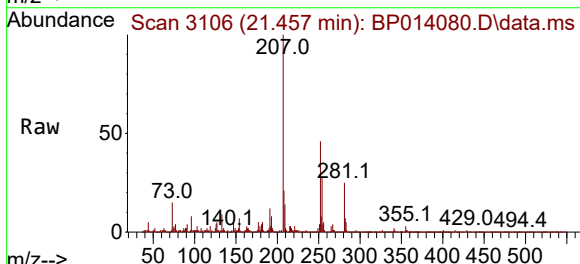
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2023

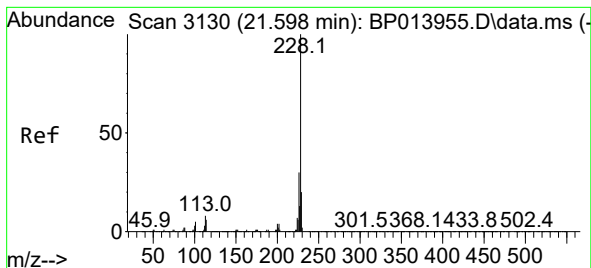
Tgt Ion:228 Resp: 186532
Ion Ratio Lower Upper
228 100
226 26.3 21.8 32.8
229 19.1 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 3.500 ng
RT: 21.457 min Scan# 3106
Delta R.T. 0.006 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

Tgt Ion:252 Resp: 59195
Ion Ratio Lower Upper
252 100
254 61.4 51.0 76.6
126 9.0 7.0 10.6





#83

Chrysene

Concen: 3.661 ng

RT: 21.580 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP014080.D

Acq: 14 Mar 2023 12:49

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT1-2023

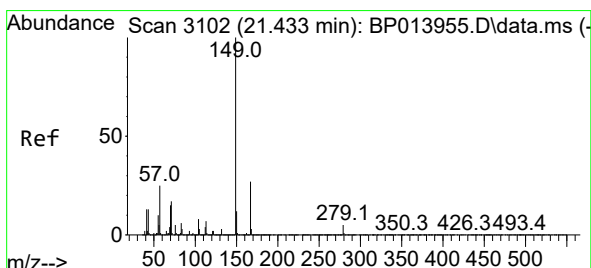
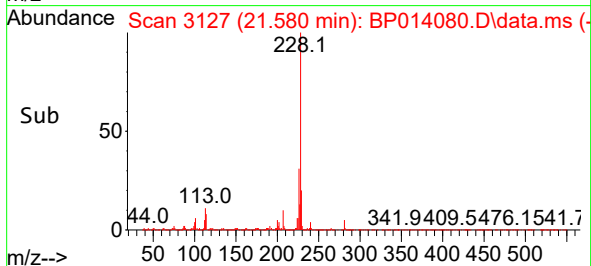
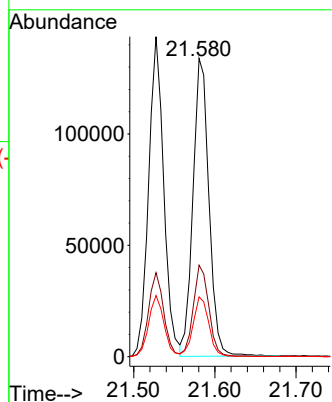
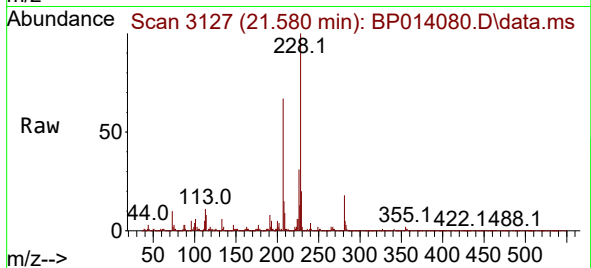
Tgt Ion:228 Resp: 183268

Ion Ratio Lower Upper

228 100

226 30.7 24.2 36.4

229 20.1 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.565 ng

RT: 21.422 min Scan# 3100

Delta R.T. 0.000 min

Lab File: BP014080.D

Acq: 14 Mar 2023 12:49

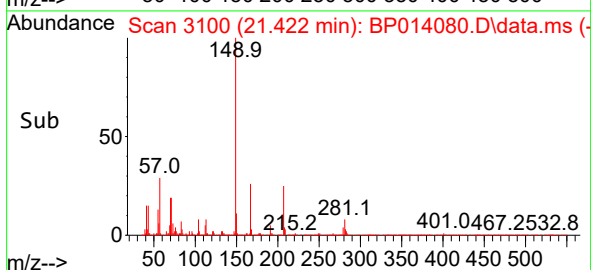
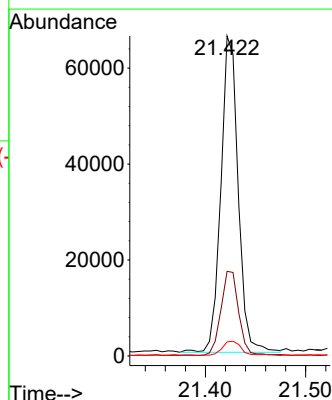
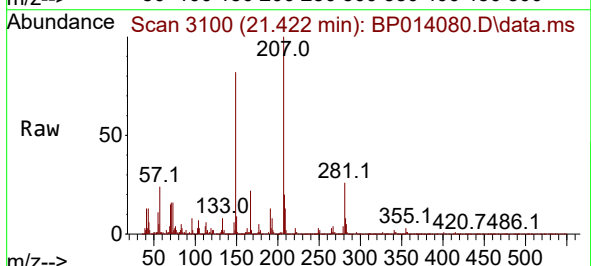
Tgt Ion:149 Resp: 78875

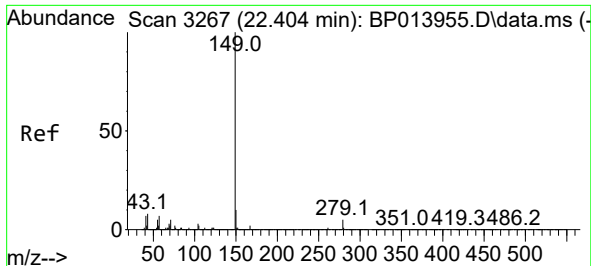
Ion Ratio Lower Upper

149 100

167 26.4 21.8 32.6

279 4.4 4.0 6.0

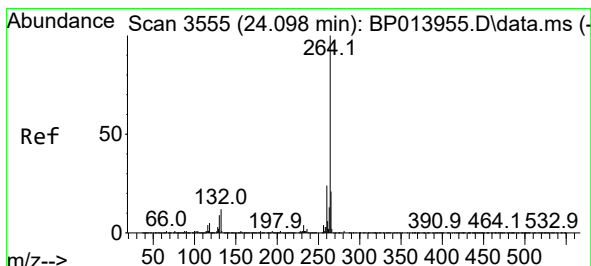
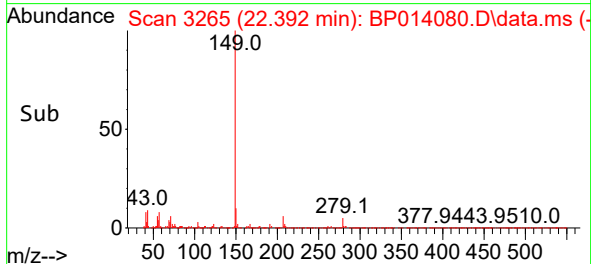
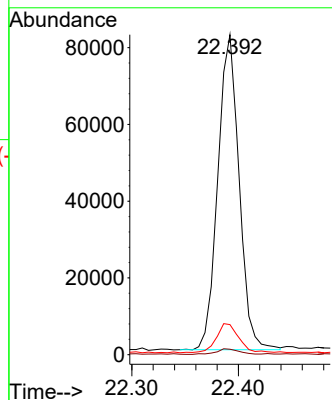
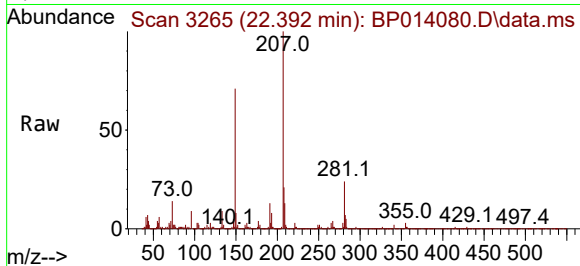




#85
Di-n-octyl phthalate
Concen: 2.279 ng
RT: 22.392 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

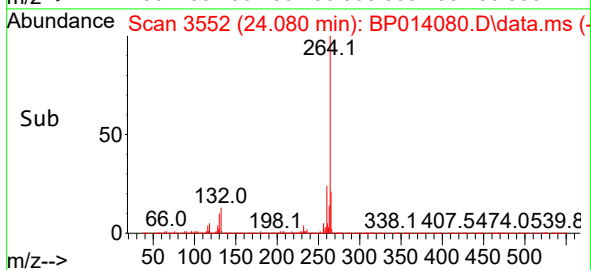
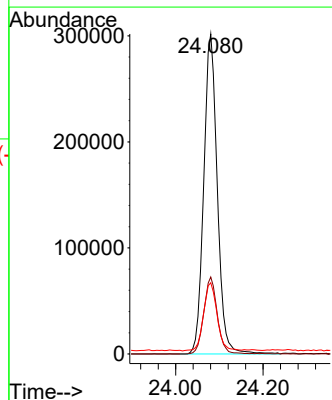
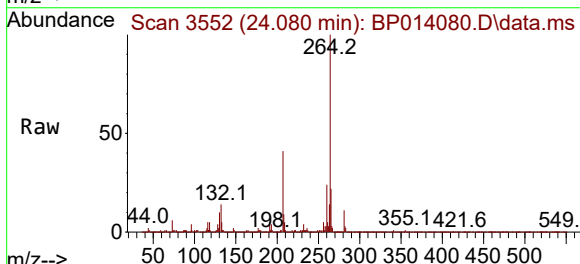
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2023

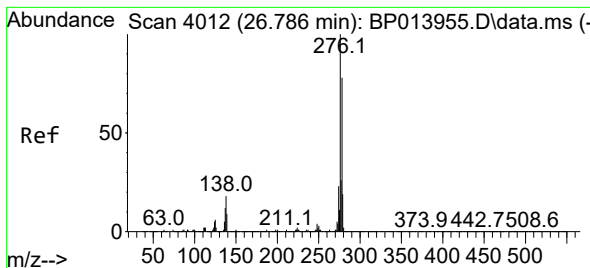
Tgt Ion:149 Resp: 113757
Ion Ratio Lower Upper
149 100
167 1.8 1.3 1.9
43 9.5 6.4 9.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.080 min Scan# 3552
Delta R.T. 0.000 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

Tgt Ion:264 Resp: 652088
Ion Ratio Lower Upper
264 100
260 24.1 19.4 29.2
265 22.3 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.029 ng

RT: 26.745 min Scan# 4012

Delta R.T. -0.006 min

Lab File: BP014080.D

Acq: 14 Mar 2023 12:49

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT1-2023

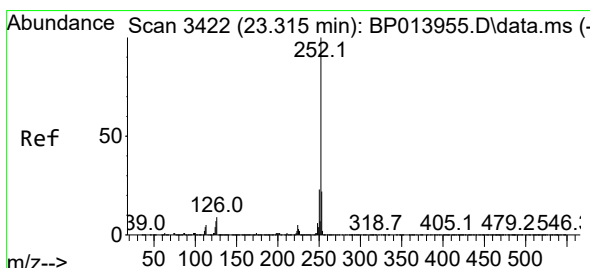
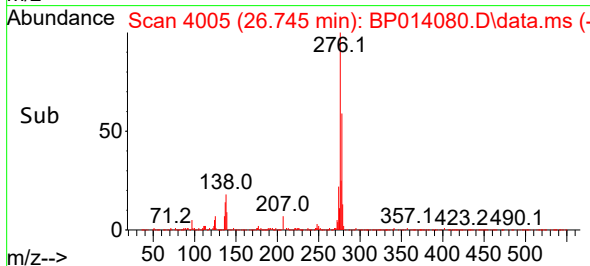
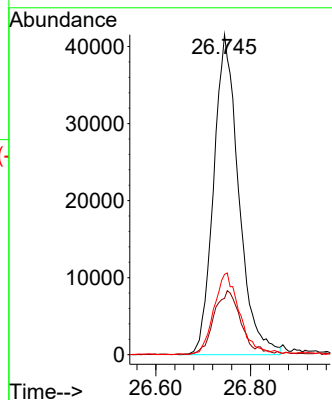
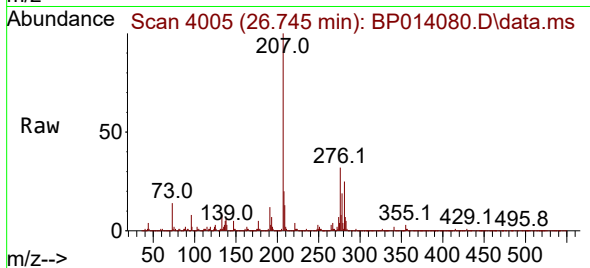
Tgt Ion:276 Resp: 152629

Ion Ratio Lower Upper

276 100

138 20.6 13.8 20.8

277 25.7 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 3.664 ng

RT: 23.298 min Scan# 3419

Delta R.T. 0.000 min

Lab File: BP014080.D

Acq: 14 Mar 2023 12:49

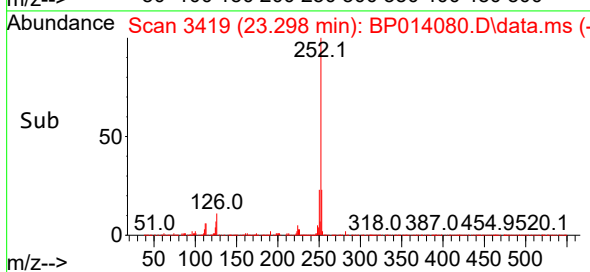
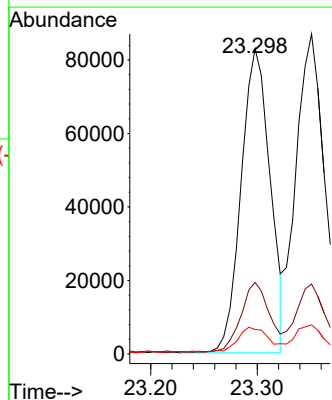
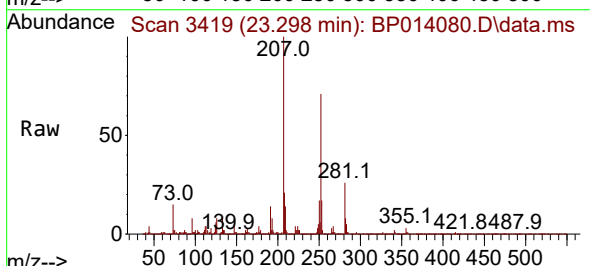
Tgt Ion:252 Resp: 156443

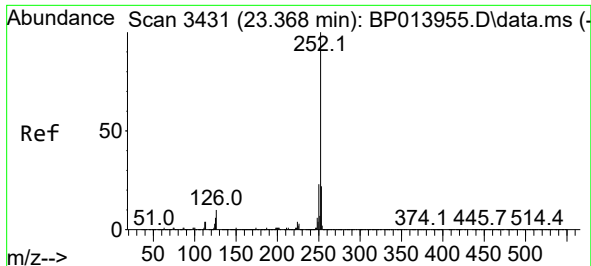
Ion Ratio Lower Upper

252 100

253 23.4 17.5 26.3

125 8.0 5.6 8.4

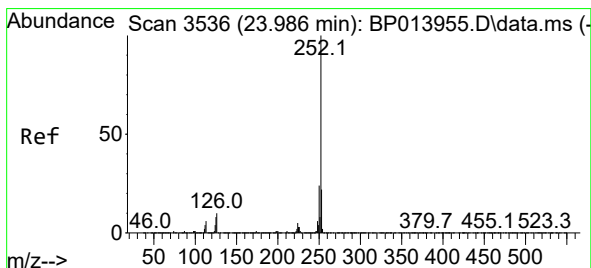
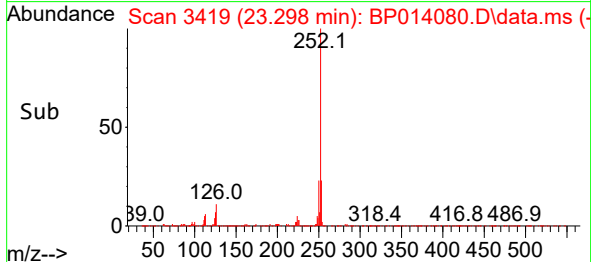
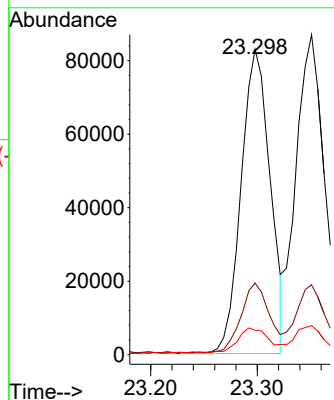
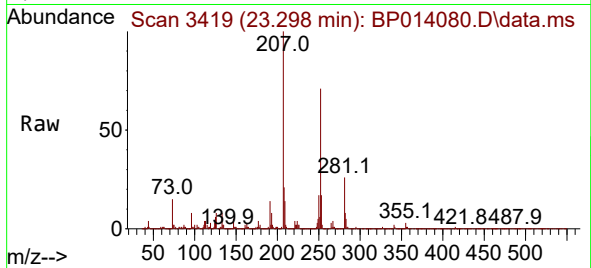




#89
Benzo(k)fluoranthene
Concen: 3.695 ng
RT: 23.298 min Scan# 34
Delta R.T. -0.053 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

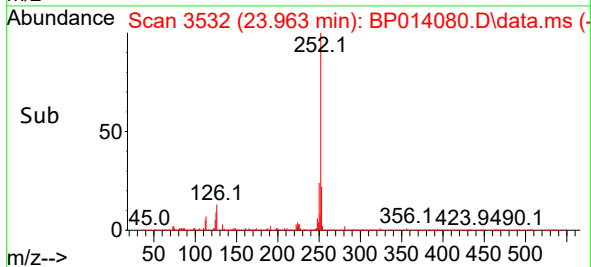
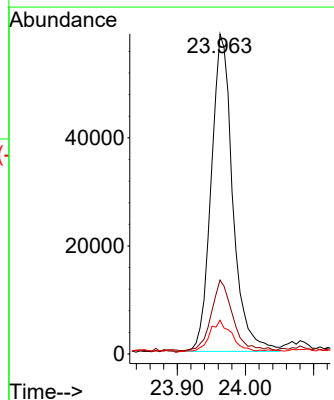
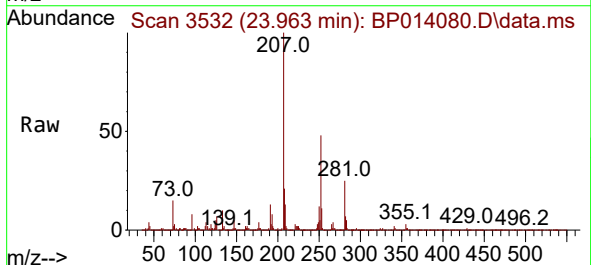
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2023

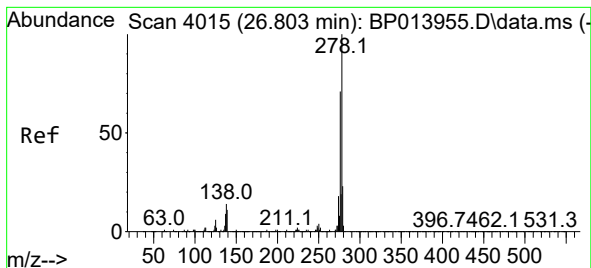
Tgt Ion:252 Resp: 156443
Ion Ratio Lower Upper
252 100
253 23.4 17.4 26.0
125 8.0 5.4 8.0



#90
Benzo(a)pyrene
Concen: 3.173 ng
RT: 23.963 min Scan# 3532
Delta R.T. -0.006 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

Tgt Ion:252 Resp: 129246
Ion Ratio Lower Upper
252 100
253 23.1 17.4 26.2
125 10.6 6.2 9.4#





#91

Dibenzo(a,h)anthracene

Concen: 3.033 ng

RT: 26.762 min Scan# 4015

Delta R.T. 0.000 min

Lab File: BP014080.D

Acq: 14 Mar 2023 12:49

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT1-2023

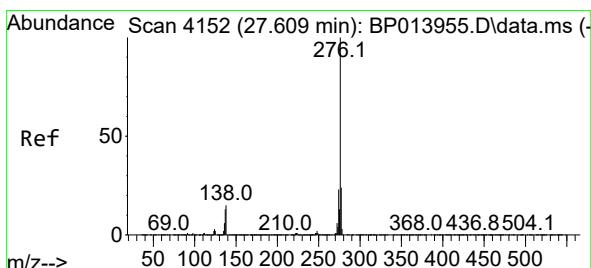
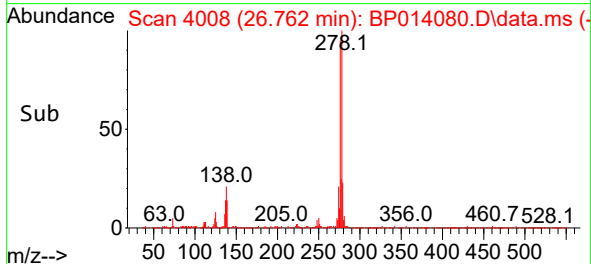
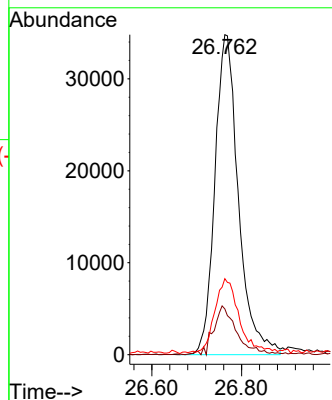
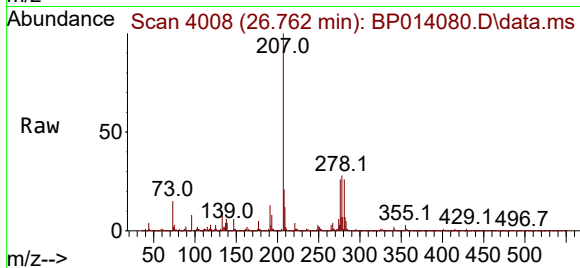
Tgt Ion:278 Resp: 127048

Ion Ratio Lower Upper

278 100

139 14.3 8.7 13.1#

279 23.8 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 3.089 ng

RT: 27.568 min Scan# 4145

Delta R.T. 0.000 min

Lab File: BP014080.D

Acq: 14 Mar 2023 12:49

Tgt Ion:276 Resp: 128239

Ion Ratio Lower Upper

276 100

277 23.8 19.4 29.0

138 18.5 12.2 18.4#

