

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031423\
 Data File : BP014081.D
 Acq On : 14 Mar 2023 13:24
 Operator : CG/JU
 Sample : 01627-09
 Misc : MDL-MDL-WATER 8ppm
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Mar 15 04:04:49 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	175089	20.000	ng	0.00
21) Naphthalene-d8	10.893	136	656241	20.000	ng	# 0.00
39) Acenaphthene-d10	14.710	164	427166	20.000	ng	0.00
64) Phenanthrene-d10	17.463	188	899712	20.000	ng	# 0.00
76) Chrysene-d12	21.545	240	737263	20.000	ng	0.00
86) Perylene-d12	24.080	264	669502	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.611	112	1115016	103.277	ng	0.00
7) Phenol-d6	7.222	99	1444364	101.897	ng	0.00
23) Nitrobenzene-d5	9.246	82	1117179	77.809	ng	0.00
42) 2,4,6-Tribromophenol	16.198	330	654103	94.443	ng	0.00
45) 2-Fluorobiphenyl	13.334	172	2427579	73.628	ng	0.00
79) Terphenyl-d14	20.004	244	3373592	75.453	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.470	88	32981	7.032	ng	96
3) Pyridine	3.893	79	69805	5.359	ng	97
4) n-Nitrosodimethylamine	3.793	42	36136	6.250	ng	# 95
6) Aniline	7.393	93	121394	6.520	ng	98
8) 2-Chlorophenol	7.628	128	77911	6.738	ng	96
9) Benzaldehyde	7.205	77	77353	10.905	ng	98
10) Phenol	7.252	94	100174	6.790	ng	99
11) bis(2-Chloroethyl)ether	7.487	93	82458	7.059	ng	96
12) 1,3-Dichlorobenzene	7.958	146	89780	7.066	ng	100
13) 1,4-Dichlorobenzene	8.105	146	92918	7.228	ng	98
14) 1,2-Dichlorobenzene	8.428	146	88998	7.228	ng	98
15) Benzyl Alcohol	8.316	79	70945	6.139	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.605	45	101553	7.986	ng	96
17) 2-Methylphenol	8.511	107	64510	6.131	ng	98
18) Hexachloroethane	9.158	117	33154	6.865	ng	94
19) n-Nitroso-di-n-propyla...	8.875	70	64857	6.951	ng	98
20) 3+4-Methylphenols	8.846	107	84060	5.932	ng	98
22) Acetophenone	8.899	105	126358	6.865	ng	97
24) Nitrobenzene	9.287	77	103098	7.018	ng	97
25) Isophorone	9.810	82	168411	6.366	ng	98
26) 2-Nitrophenol	9.999	139	36099	5.649	ng	93
27) 2,4-Dimethylphenol	10.052	122	65436	6.298	ng	99
28) bis(2-Chloroethoxy)met...	10.293	93	103975	6.790	ng	98
29) 2,4-Dichlorophenol	10.540	162	66640	5.859	ng	98
30) 1,2,4-Trichlorobenzene	10.752	180	85972	6.658	ng	98
31) Naphthalene	10.940	128	245830	6.817	ng	98
32) Benzoic acid	10.140	122	17880	4.661	ng	92
33) 4-Chloroaniline	11.057	127	88699	5.738	ng	96
34) Hexachlorobutadiene	11.222	225	58021	6.180	ng	98
35) Caprolactam	11.834	113	18839	5.787	ng	87
36) 4-Chloro-3-methylphenol	12.163	107	78714	6.205	ng	96
37) 2-Methylnaphthalene	12.540	142	170028	6.391	ng	99
38) 1-Methylnaphthalene	12.757	142	158322	6.384	ng	99
40) 1,2,4,5-Tetrachloroben...	12.904	216	102607	6.302	ng	99
41) Hexachlorocyclopentadiene	12.881	237	57172	5.595	ng	97
43) 2,4,6-Trichlorophenol	13.146	196	59904	5.820	ng	98

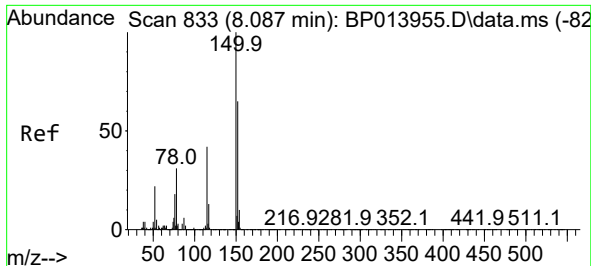
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 14 04:15:47 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.222	196	64604	5.417	ng	98
46) 1,1'-Biphenyl	13.540	154	235750	6.856	ng	97
47) 2-Chloronaphthalene	13.587	162	178141	6.730	ng	98
48) 2-Nitroaniline	13.793	65	46437	5.781	ng	93
49) Acenaphthylene	14.428	152	264793	6.291	ng	100
50) Dimethylphthalate	14.157	163	221863	6.296	ng	100
51) 2,6-Dinitrotoluene	14.281	165	43485	5.860	ng	92
52) Acenaphthene	14.775	154	167748	6.620	ng	96
53) 3-Nitroaniline	14.616	138	37819	5.200	ng	90
54) 2,4-Dinitrophenol	14.828	184	19507	6.487	ng	87
55) Dibenzofuran	15.104	168	272416	6.595	ng	98
56) 4-Nitrophenol	14.922	139	27328	4.614	ng	# 88
57) 2,4-Dinitrotoluene	15.069	165	56021	5.647	ng	100
58) Fluorene	15.757	166	215602	6.573	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.334	232	60066	5.773	ng	97
60) Diethylphthalate	15.516	149	213608	6.139	ng	99
61) 4-Chlorophenyl-phenylether	15.745	204	114292	6.147	ng	97
62) 4-Nitroaniline	15.781	138	36750	5.075	ng	86
63) Azobenzene	16.040	77	210873	6.550	ng	96
65) 4,6-Dinitro-2-methylph...	15.834	198	28793	4.321	ng	82
66) n-Nitrosodiphenylamine	15.963	169	183143	6.442	ng	98
67) 4-Bromophenyl-phenylether	16.645	248	70575	5.930	ng	98
68) Hexachlorobenzene	16.763	284	80479	6.309	ng	95
69) Atrazine	16.910	200	64257	6.438	ng	98
70) Pentachlorophenol	17.116	266	41638	4.526	ng	97
71) Phenanthrene	17.504	178	335210	6.669	ng	100
72) Anthracene	17.598	178	325551	6.339	ng	99
73) Carbazole	17.869	167	276188	6.234	ng	99
74) Di-n-butylphthalate	18.398	149	307126	5.545	ng	99
75) Fluoranthene	19.463	202	359562	5.985	ng	97
77) Benzidine	19.639	184	150267	11.294	ng	99
78) Pyrene	19.816	202	372755	6.587	ng	99
80) Butylbenzylphthalate	20.669	149	112725	5.254	ng	96
81) Benzo(a)anthracene	21.527	228	334245	6.179	ng	99
82) 3,3'-Dichlorobenzidine	21.457	252	111826	6.460	ng	97
83) Chrysene	21.586	228	325091	6.346	ng	99
84) Bis(2-ethylhexyl)phtha...	21.422	149	148350	4.714	ng	# 99
85) Di-n-octyl phthalate	22.392	149	222211	4.350	ng	# 95
87) Indeno(1,2,3-cd)pyrene	26.745	276	296745	5.736	ng	97
88) Benzo(b)fluoranthene	23.351	252	295021	6.730	ng	98
89) Benzo(k)fluoranthene	23.351	252	295021	6.787	ng	# 98
90) Benzo(a)pyrene	23.963	252	237814	5.687	ng	# 98
91) Dibenzo(a,h)anthracene	26.762	278	247575	5.757	ng	# 95
92) Benzo(g,h,i)perylene	27.568	276	245570	5.762	ng	97

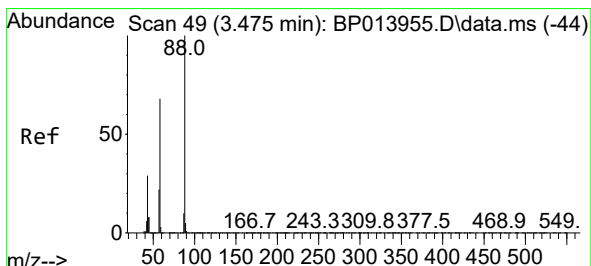
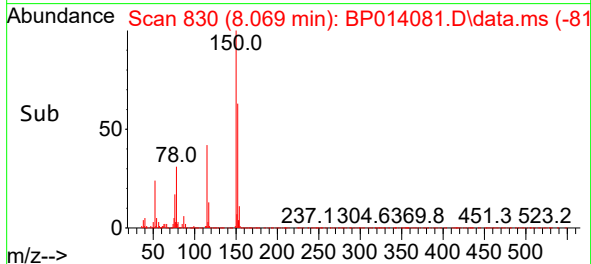
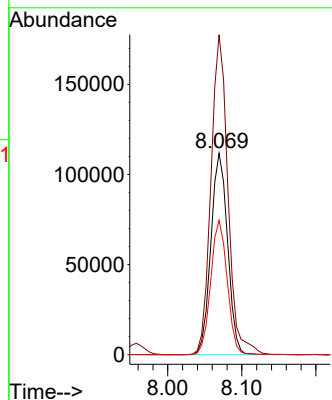
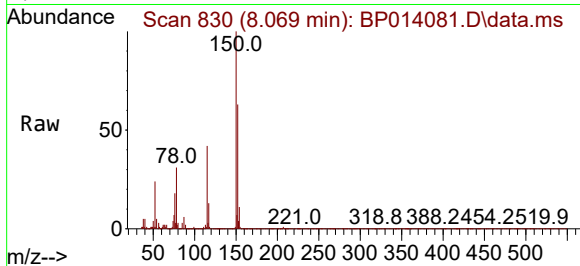
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.069 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP014081.D
Acq: 14 Mar 2023 13:24

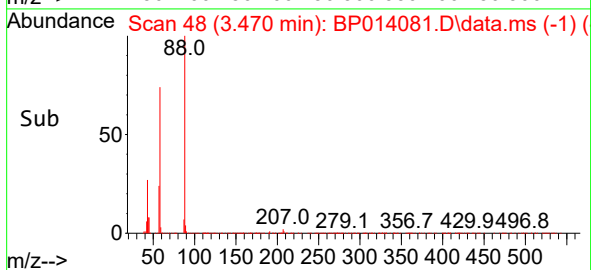
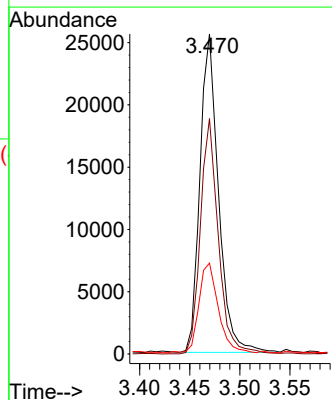
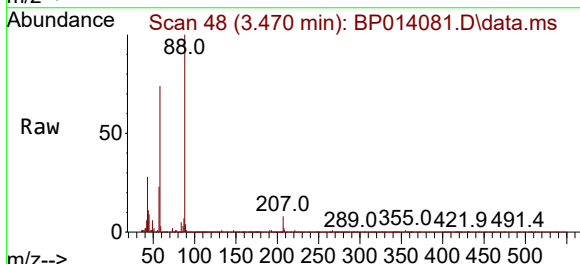
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ClientSampleId :
MDL-WATER-03-QT1-2023

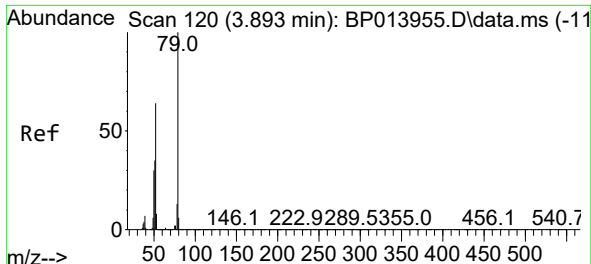
Tgt Ion:152 Resp: 175089
Ion Ratio Lower Upper
152 100
150 158.8 122.3 183.5
115 66.6 51.6 77.4



#2
1,4-Dioxane
Concen: 7.032 ng
RT: 3.470 min Scan# 48
Delta R.T. 0.000 min
Lab File: BP014081.D
Acq: 14 Mar 2023 13:24

Tgt Ion: 88 Resp: 32981
Ion Ratio Lower Upper
88 100
58 71.3 53.8 80.8
43 29.3 22.1 33.1

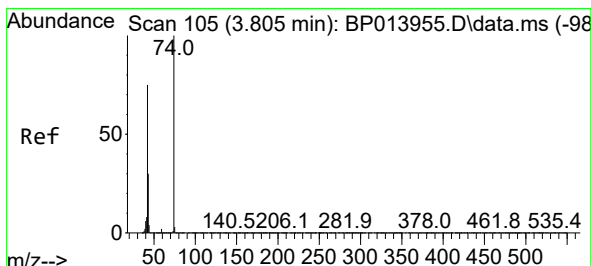
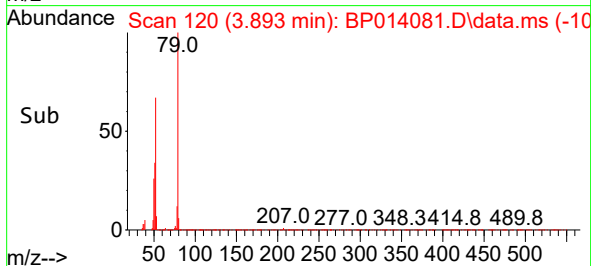
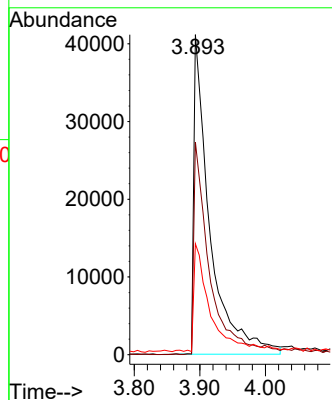
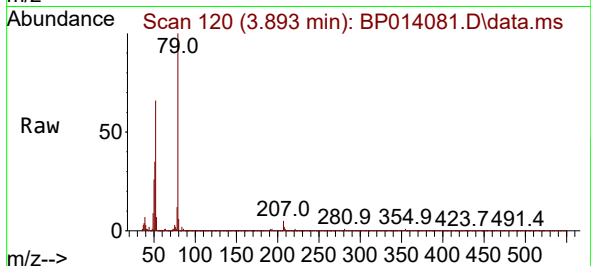




#3
Pyridine
Concen: 5.359 ng
RT: 3.893 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP014081.D
Acq: 14 Mar 2023 13:24

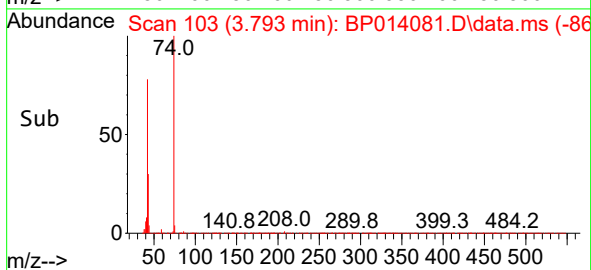
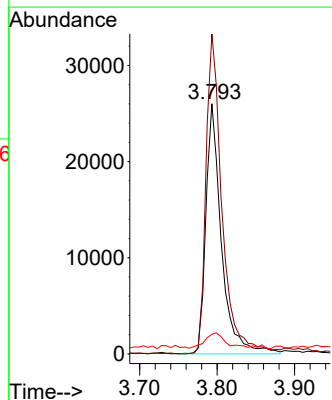
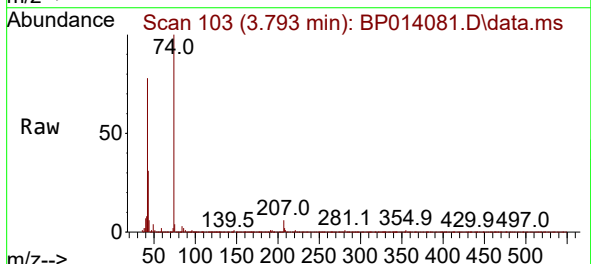
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ClientSampleId :
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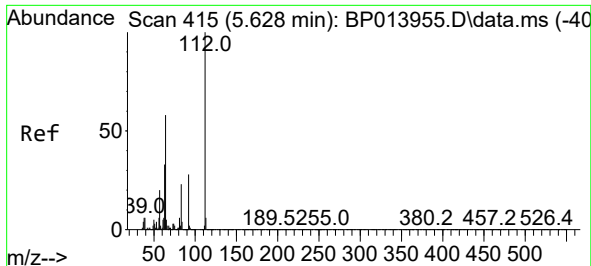
Tgt Ion: 79 Resp: 69805
Ion Ratio Lower Upper
79 100
52 66.5 51.0 76.4
51 34.6 28.2 42.2



#4
n-Nitrosodimethylamine
Concen: 6.250 ng
RT: 3.793 min Scan# 103
Delta R.T. 0.000 min
Lab File: BP014081.D
Acq: 14 Mar 2023 13:24

Tgt Ion: 42 Resp: 36136
Ion Ratio Lower Upper
42 100
74 127.9 107.0 160.6
44 7.9 4.5 6.7#

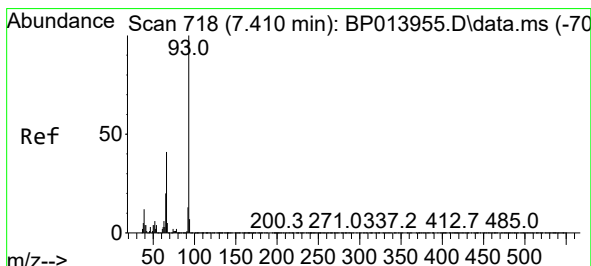
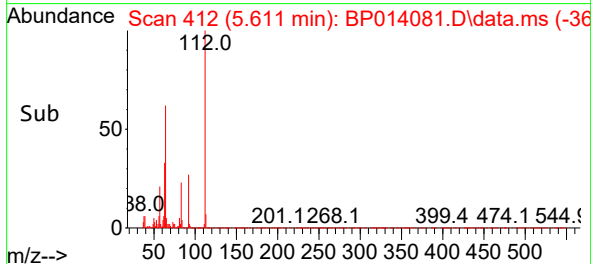
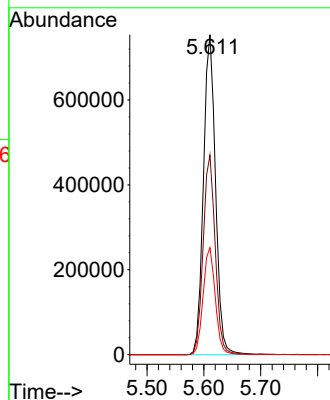
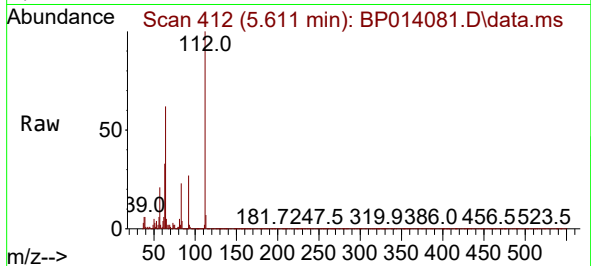




#5
2-Fluorophenol
Concen: 103.277 ng
RT: 5.611 min Scan# 411
Delta R.T. -0.006 min
Lab File: BP014081.D
Acq: 14 Mar 2023 13:24

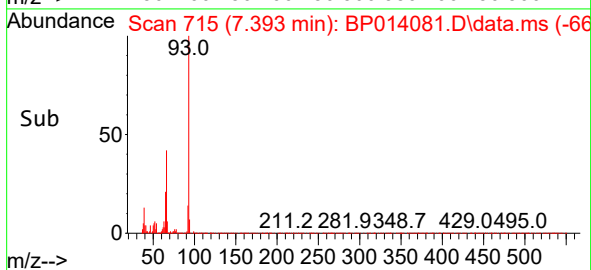
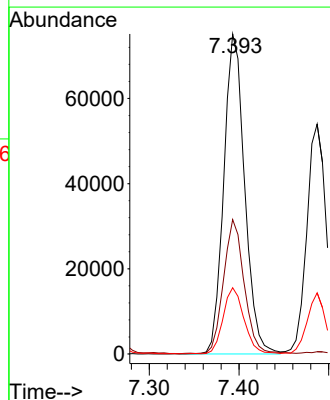
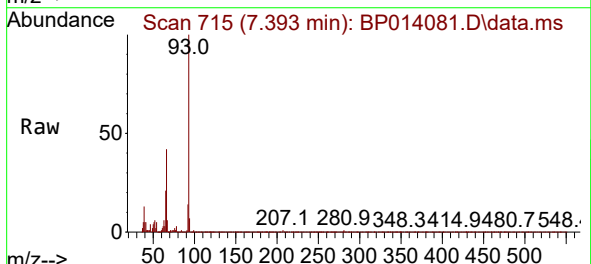
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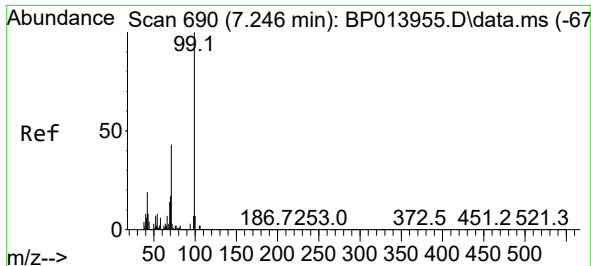
Tgt Ion:112 Resp: 1115016
Ion Ratio Lower Upper
112 100
64 62.4 46.7 70.1
63 33.4 26.6 40.0



#6
Aniline
Concen: 6.520 ng
RT: 7.393 min Scan# 715
Delta R.T. -0.006 min
Lab File: BP014081.D
Acq: 14 Mar 2023 13:24

Tgt Ion: 93 Resp: 121394
Ion Ratio Lower Upper
93 100
66 42.0 32.6 48.8
65 20.7 16.0 24.0

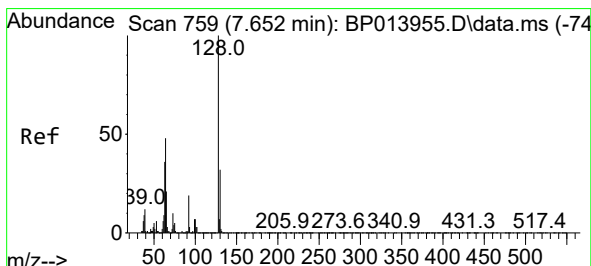
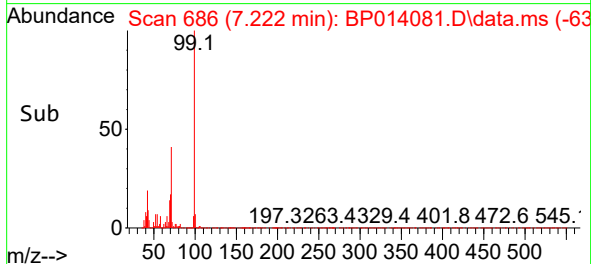
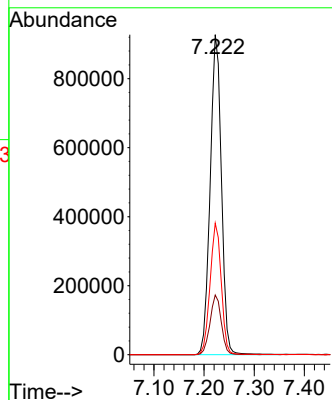
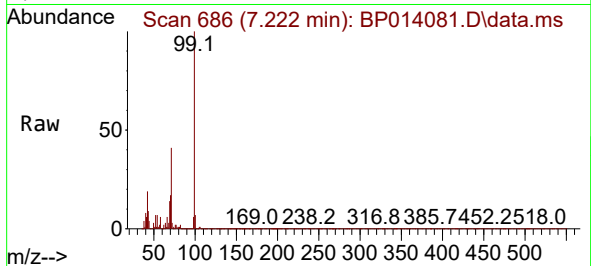




#7
Phenol-d6
Concen: 101.897 ng
RT: 7.222 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP014081.D
Acq: 14 Mar 2023 13:24

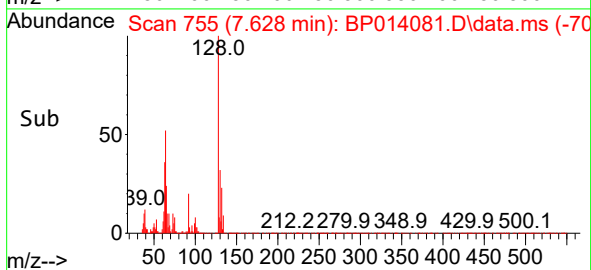
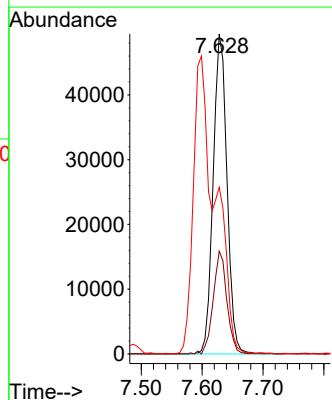
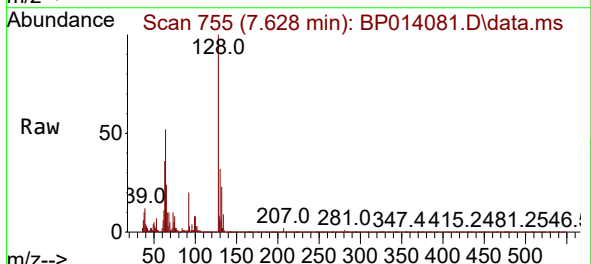
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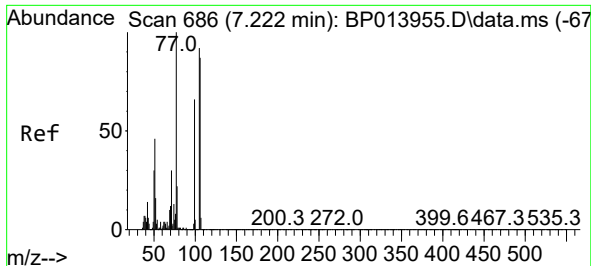
Tgt Ion: 99 Resp: 1444364
Ion Ratio Lower Upper
99 100
42 18.7 15.0 22.6
71 41.1 34.3 51.5



#8
2-Chlorophenol
Concen: 6.738 ng
RT: 7.628 min Scan# 755
Delta R.T. -0.006 min
Lab File: BP014081.D
Acq: 14 Mar 2023 13:24

Tgt Ion: 128 Resp: 77911
Ion Ratio Lower Upper
128 100
130 32.1 12.3 52.3
64 52.1 27.6 67.6

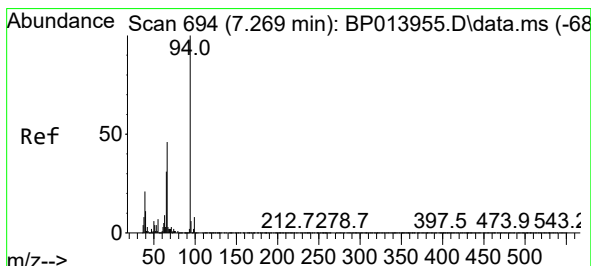
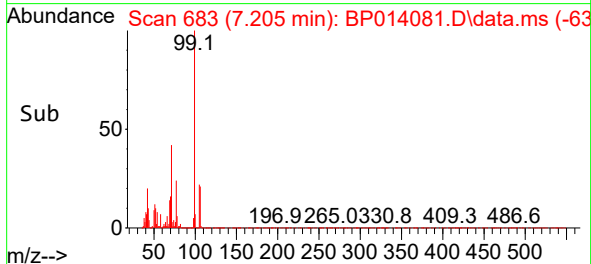
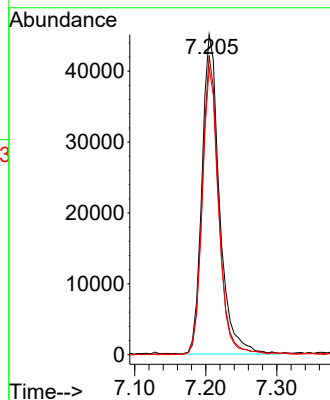
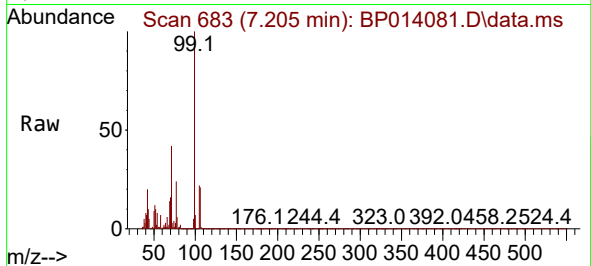




#9
Benzaldehyde
Concen: 10.905 ng
RT: 7.205 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP014081.D
Acq: 14 Mar 2023 13:24

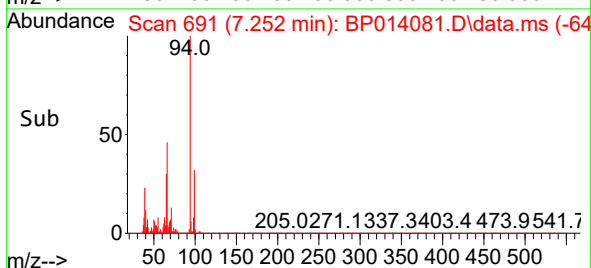
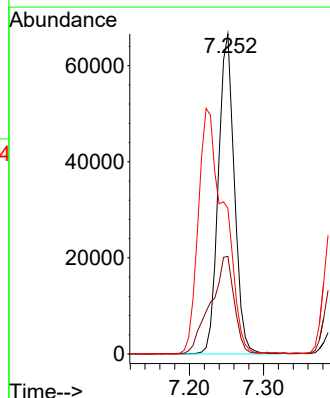
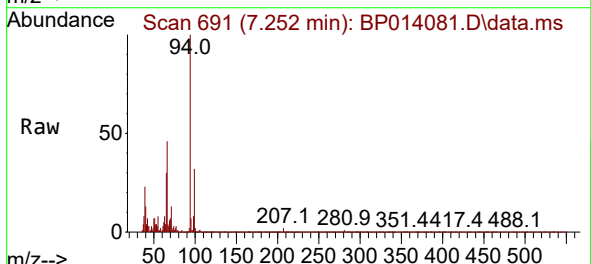
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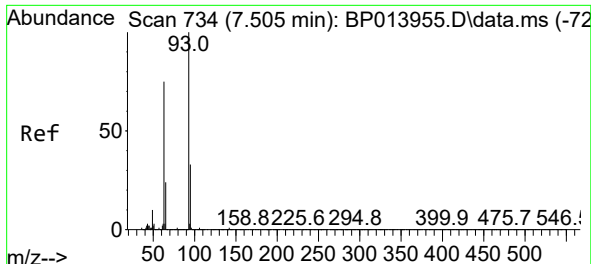
Tgt Ion: 77 Resp: 77353
Ion Ratio Lower Upper
77 100
105 93.5 72.4 112.4
106 89.7 66.9 106.9



#10
Phenol
Concen: 6.790 ng
RT: 7.252 min Scan# 691
Delta R.T. -0.006 min
Lab File: BP014081.D
Acq: 14 Mar 2023 13:24

Tgt Ion: 94 Resp: 100174
Ion Ratio Lower Upper
94 100
65 30.5 10.9 50.9
66 45.5 26.1 66.1

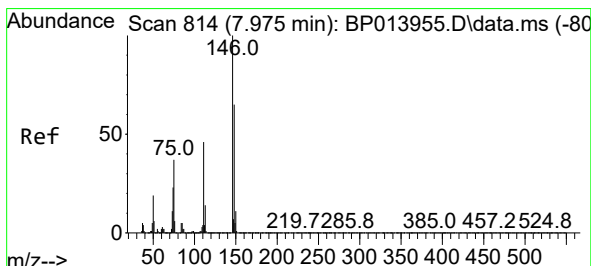
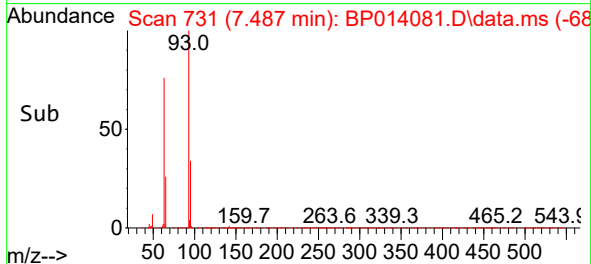
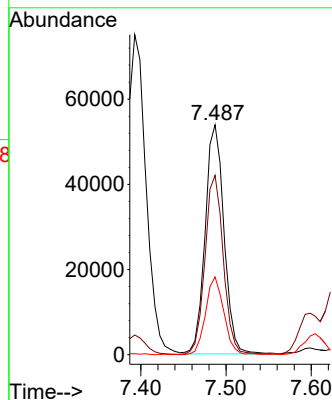
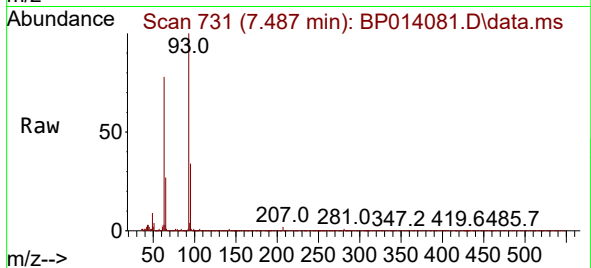




#11
bis(2-Chloroethyl)ether
Concen: 7.059 ng
RT: 7.487 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP014081.D
Acq: 14 Mar 2023 13:24

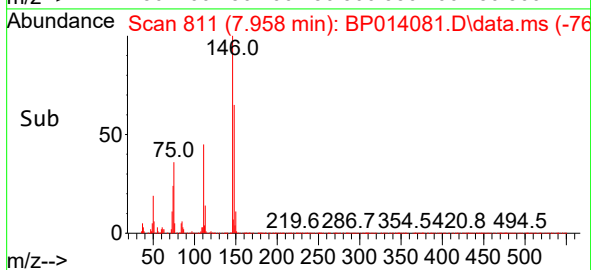
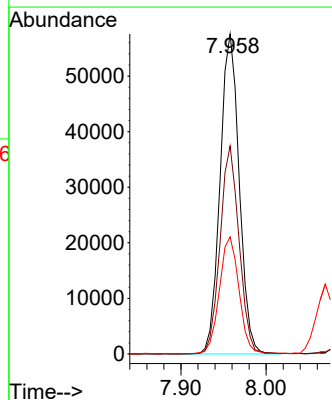
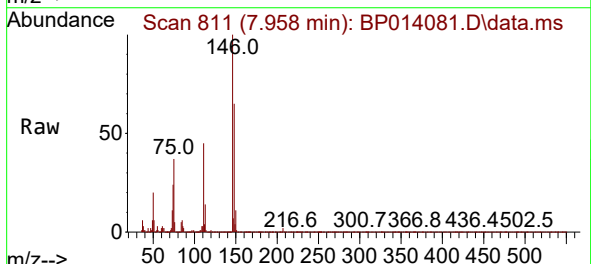
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2023

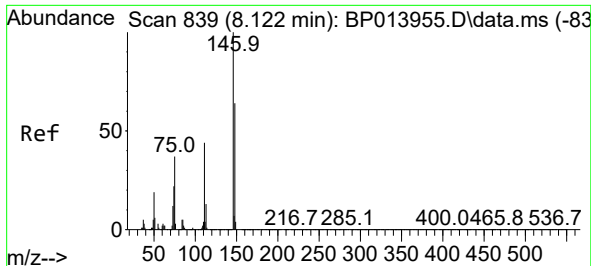
Tgt Ion: 93 Resp: 82458
Ion Ratio Lower Upper
93 100
63 78.0 54.2 94.2
95 33.8 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 7.066 ng
RT: 7.958 min Scan# 811
Delta R.T. -0.006 min
Lab File: BP014081.D
Acq: 14 Mar 2023 13:24

Tgt Ion: 146 Resp: 89780
Ion Ratio Lower Upper
146 100
148 65.0 52.1 78.1
75 36.6 29.4 44.0

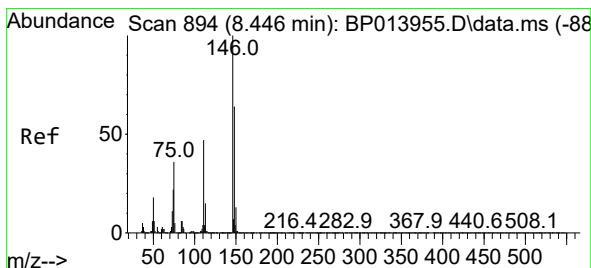
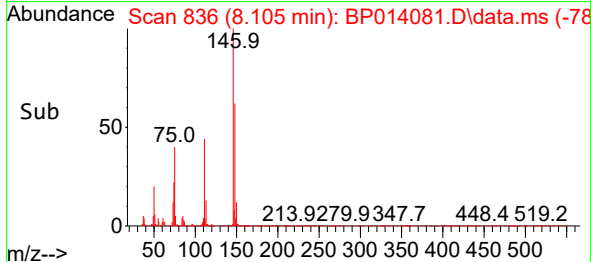
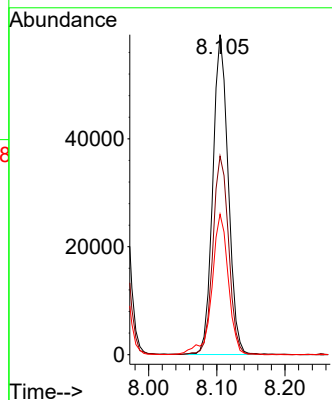
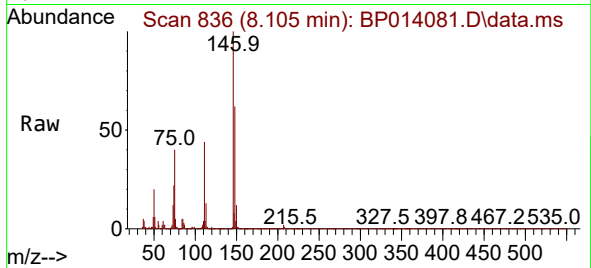




#13
1,4-Dichlorobenzene
Concen: 7.228 ng
RT: 8.105 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP014081.D
Acq: 14 Mar 2023 13:24

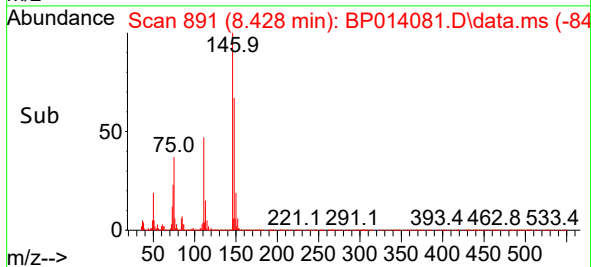
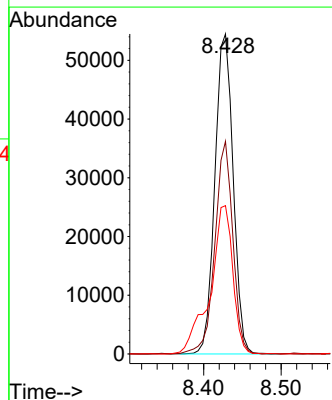
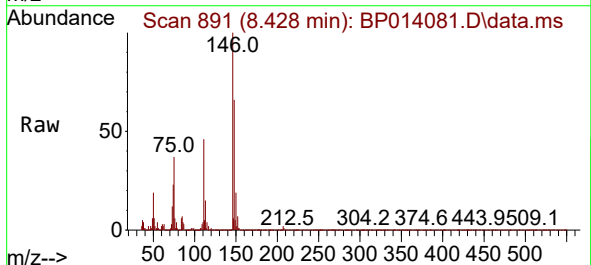
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2023

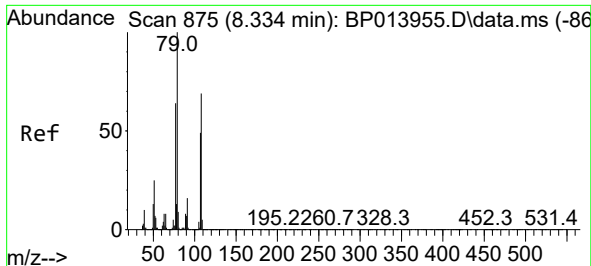
Tgt Ion:146 Resp: 92918
Ion Ratio Lower Upper
146 100
148 62.0 51.4 77.2
111 43.9 35.1 52.7



#14
1,2-Dichlorobenzene
Concen: 7.228 ng
RT: 8.428 min Scan# 891
Delta R.T. -0.006 min
Lab File: BP014081.D
Acq: 14 Mar 2023 13:24

Tgt Ion:146 Resp: 88998
Ion Ratio Lower Upper
146 100
148 66.5 51.4 77.0
111 46.4 37.2 55.8

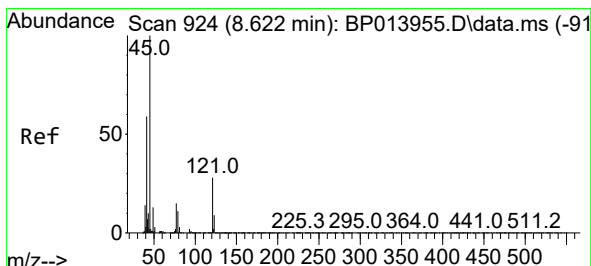
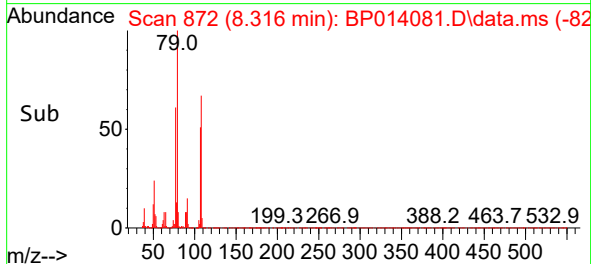
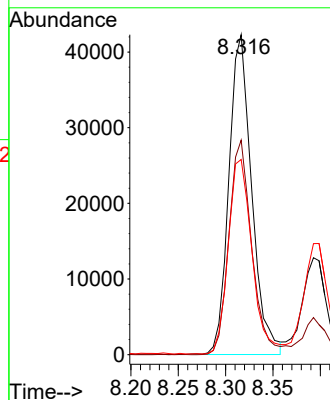
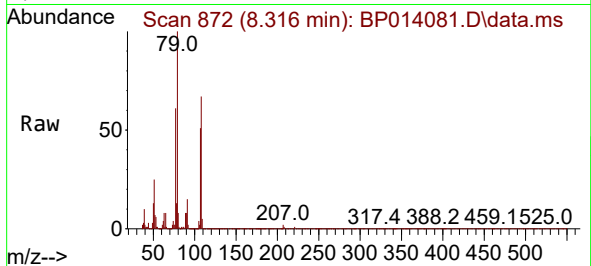




#15
Benzyl Alcohol
Concen: 6.139 ng
RT: 8.316 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP014081.D
Acq: 14 Mar 2023 13:24

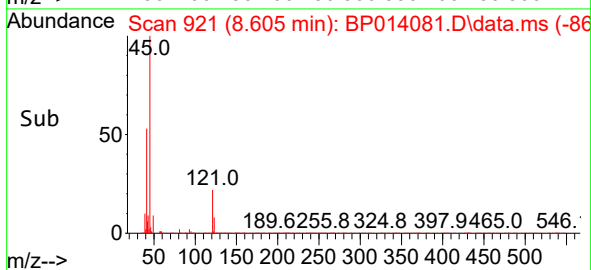
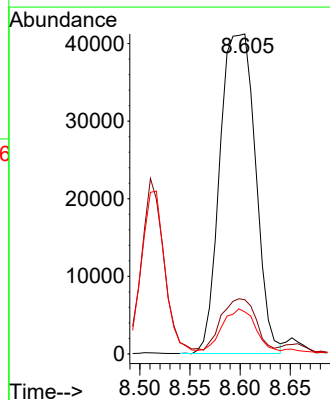
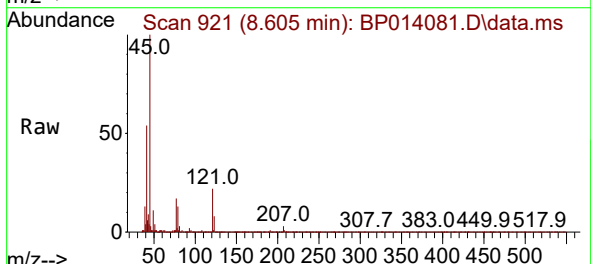
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2023

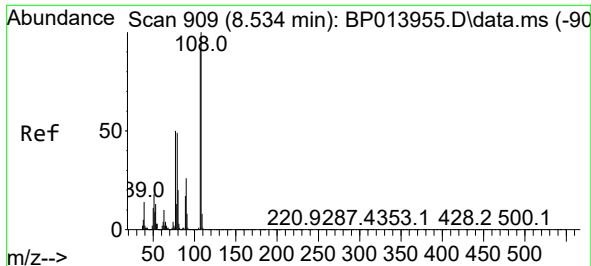
Tgt Ion: 79 Resp: 70945
Ion Ratio Lower Upper
79 100
108 67.1 54.9 82.3
77 61.0 51.4 77.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 7.986 ng
RT: 8.605 min Scan# 921
Delta R.T. 0.006 min
Lab File: BP014081.D
Acq: 14 Mar 2023 13:24

Tgt Ion: 45 Resp: 101553
Ion Ratio Lower Upper
45 100
77 17.0 0.0 38.7
79 13.1 0.0 34.4





#17

2-Methylphenol

Concen: 6.131 ng

RT: 8.511 min Scan# 909

Delta R.T. -0.006 min

Lab File: BP014081.D

Acq: 14 Mar 2023 13:24

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT1-2023

Tgt Ion:107 Resp: 64510

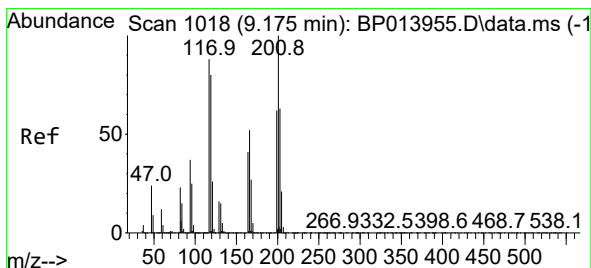
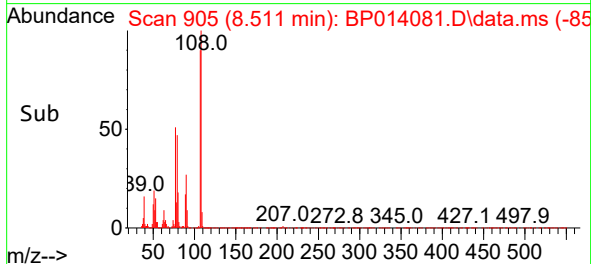
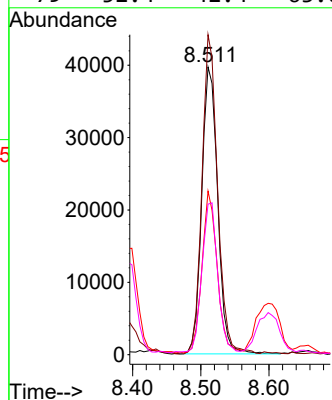
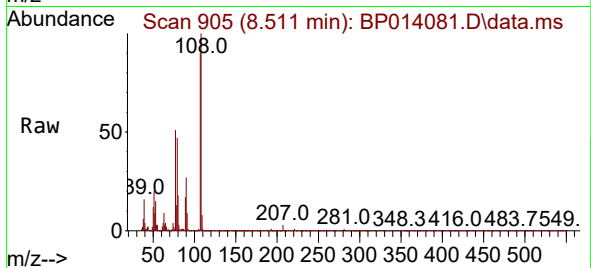
Ion Ratio Lower Upper

107 100

108 111.2 87.0 130.4

77 56.9 44.0 66.0

79 52.4 42.4 63.6



#18

Hexachloroethane

Concen: 6.865 ng

RT: 9.158 min Scan# 1015

Delta R.T. -0.006 min

Lab File: BP014081.D

Acq: 14 Mar 2023 13:24

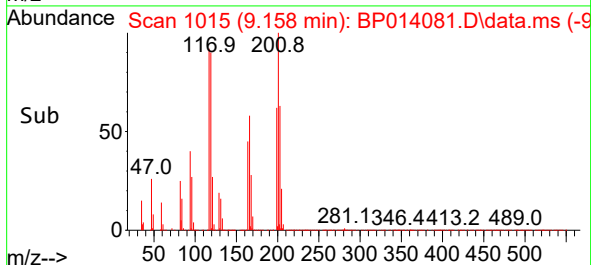
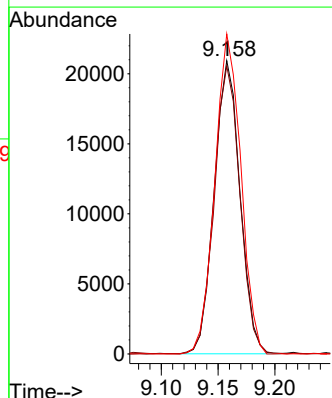
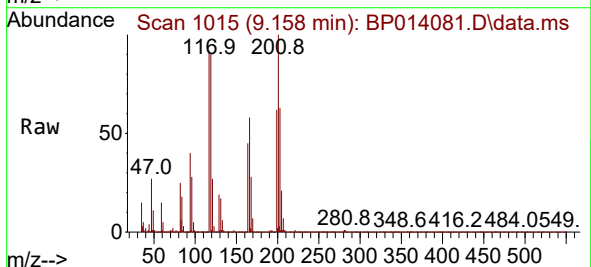
Tgt Ion:117 Resp: 33154

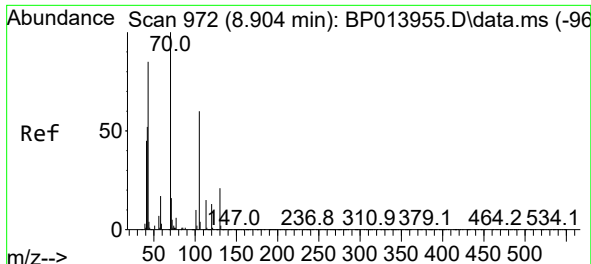
Ion Ratio Lower Upper

117 100

119 98.2 73.3 109.9

201 109.1 91.1 136.7

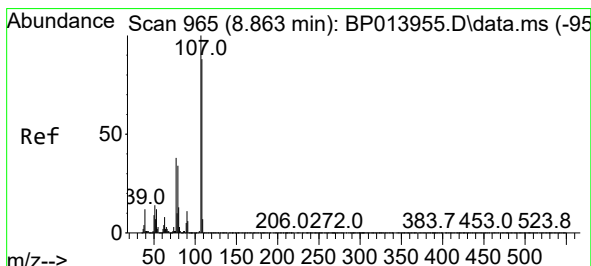
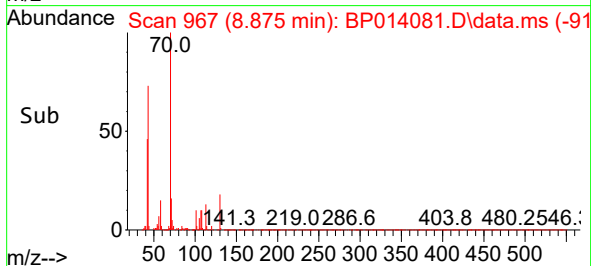
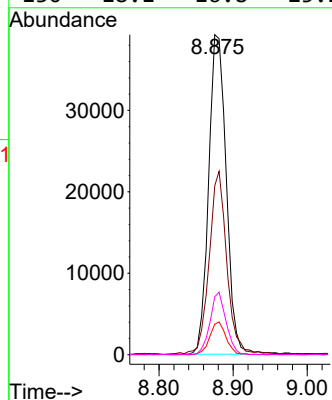
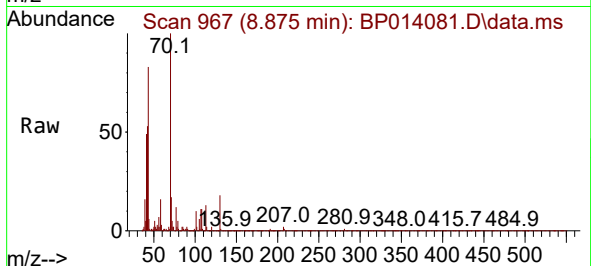




#19
n-Nitroso-di-n-propylamine
Concen: 6.951 ng
RT: 8.875 min Scan# 90
Delta R.T. -0.017 min
Lab File: BP014081.D
Acq: 14 Mar 2023 13:24

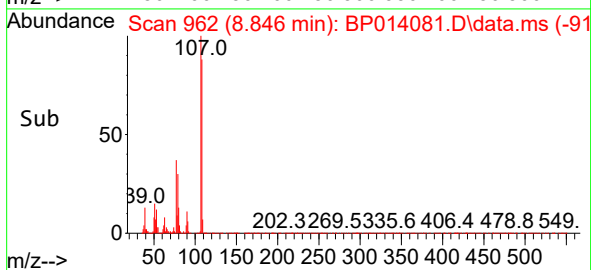
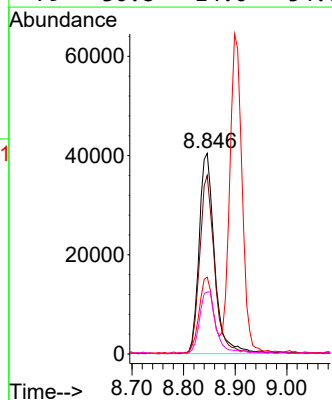
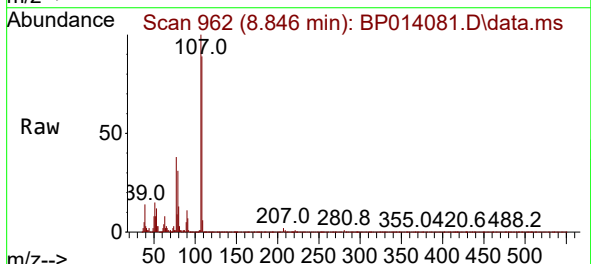
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2023

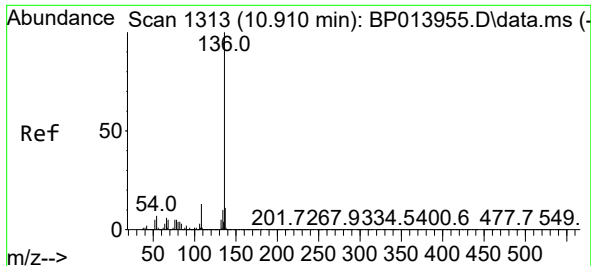
Tgt Ion:	70	Resp:	64857
Ion	Ratio	Lower	Upper
70	100		
42	52.8	42.4	63.6
101	9.6	8.2	12.4
130	18.1	16.8	25.2



#20
3+4-Methylphenols
Concen: 5.932 ng
RT: 8.846 min Scan# 962
Delta R.T. -0.006 min
Lab File: BP014081.D
Acq: 14 Mar 2023 13:24

Tgt Ion:	107	Resp:	84060
Ion	Ratio	Lower	Upper
107	100		
108	89.0	68.2	108.2
77	38.3	18.1	58.1
79	30.8	14.0	54.0

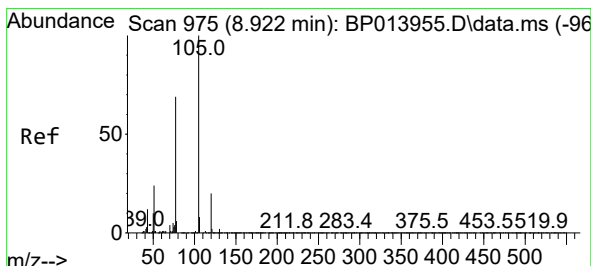
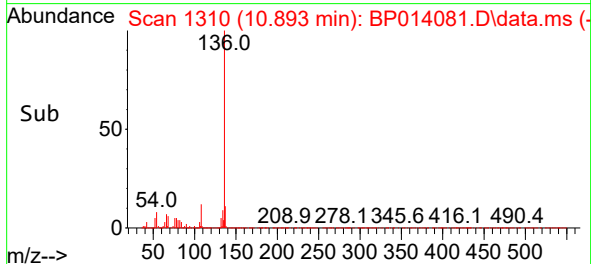
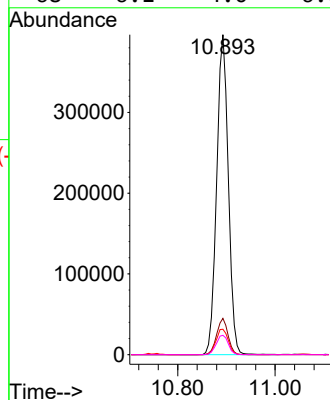
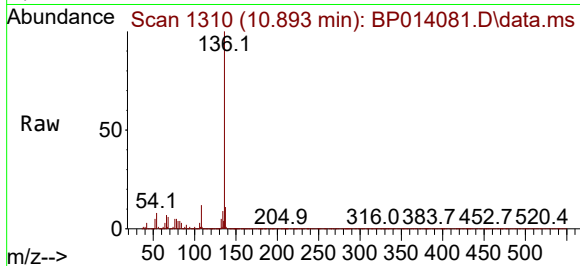




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.893 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP014081.D
Acq: 14 Mar 2023 13:24

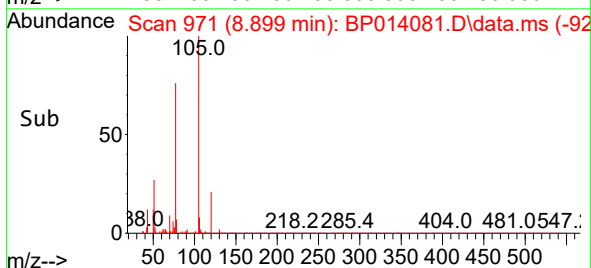
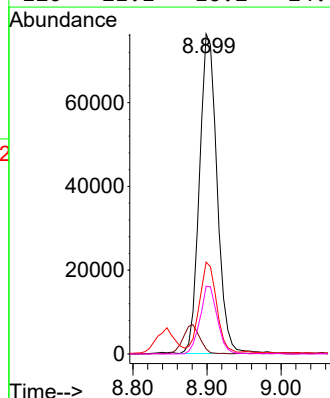
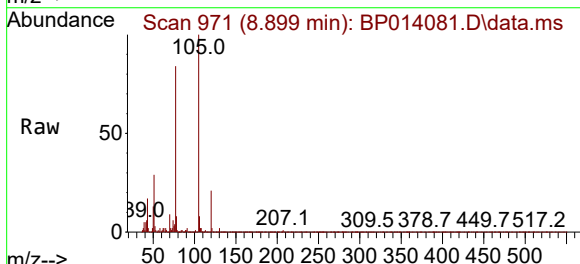
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2023

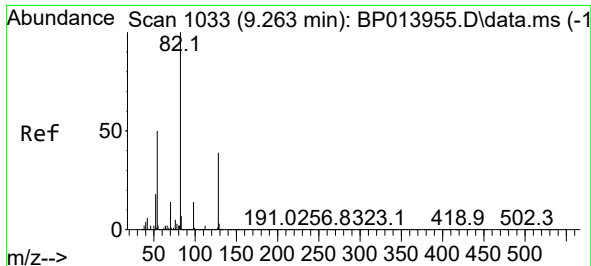
Tgt Ion:136 Resp: 656241
Ion Ratio Lower Upper
136 100
137 11.3 8.7 13.1
54 8.0 5.8 8.8
68 6.1 4.0 6.0#



#22
Acetophenone
Concen: 6.865 ng
RT: 8.899 min Scan# 971
Delta R.T. -0.012 min
Lab File: BP014081.D
Acq: 14 Mar 2023 13:24

Tgt Ion:105 Resp: 126358
Ion Ratio Lower Upper
105 100
71 1.6 1.4 2.0
51 28.7 21.5 32.3
120 21.1 16.2 24.4

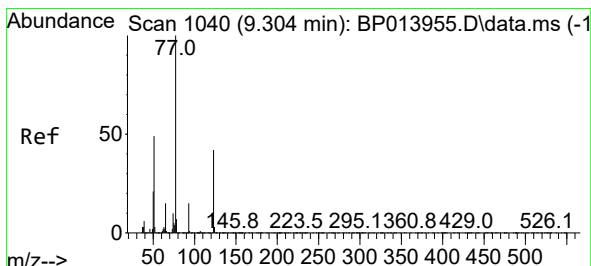
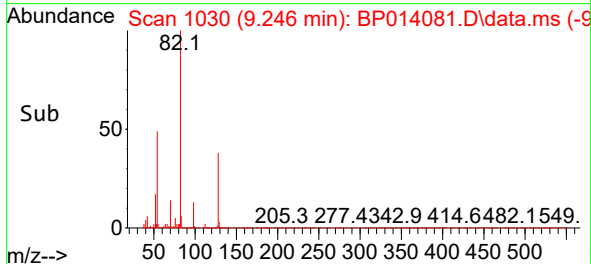
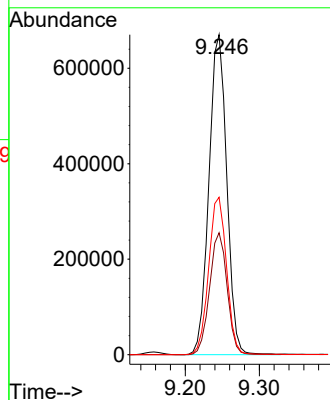
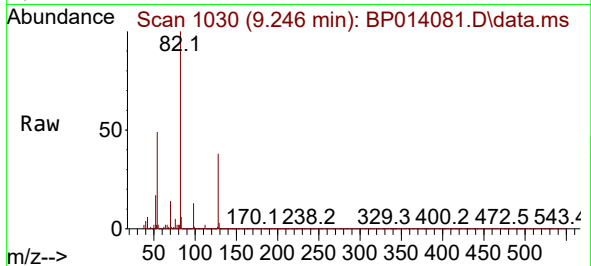




#23
Nitrobenzene-d5
Concen: 77.809 ng
RT: 9.246 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BP014081.D
Acq: 14 Mar 2023 13:24

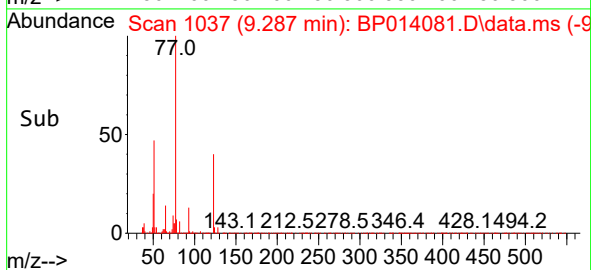
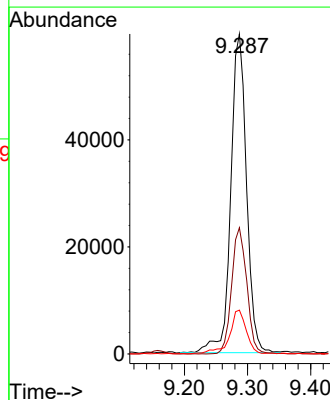
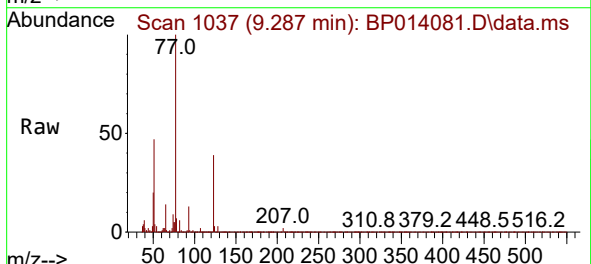
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2023

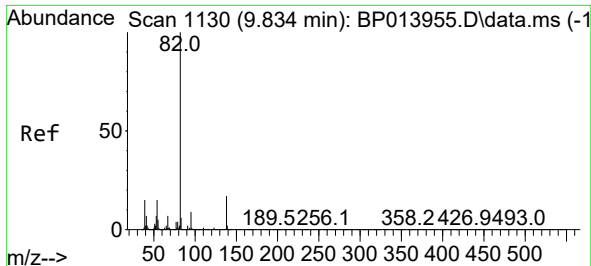
Tgt Ion: 82 Resp: 1117179
Ion Ratio Lower Upper
82 100
128 38.1 31.1 46.7
54 49.2 40.0 60.0



#24
Nitrobenzene
Concen: 7.018 ng
RT: 9.287 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BP014081.D
Acq: 14 Mar 2023 13:24

Tgt Ion: 77 Resp: 103098
Ion Ratio Lower Upper
77 100
123 39.5 33.6 50.4
65 13.7 11.6 17.4





#25

Isophorone

Concen: 6.366 ng

RT: 9.810 min Scan# 1130

Delta R.T. -0.012 min

Lab File: BP014081.D

Acq: 14 Mar 2023 13:24

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT1-2023

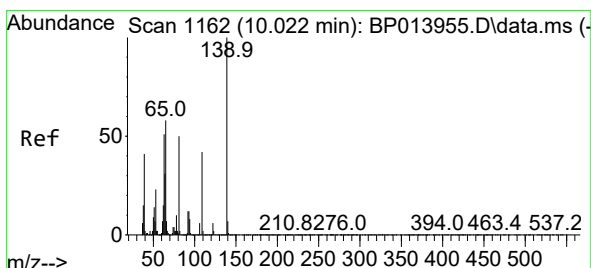
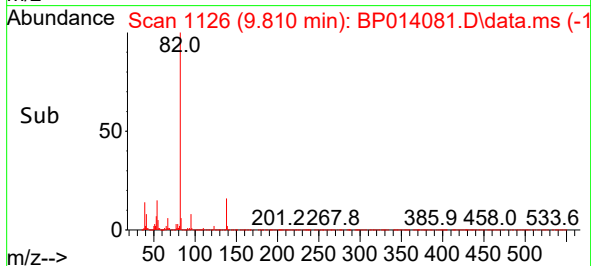
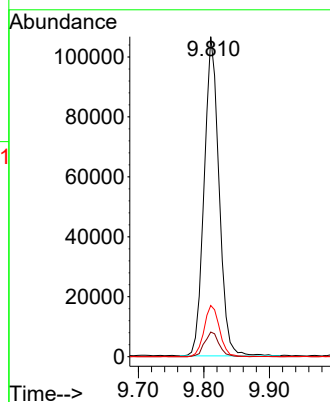
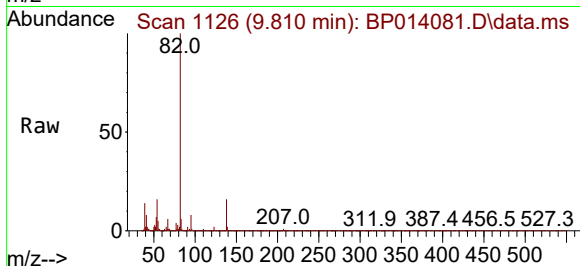
Tgt Ion: 82 Resp: 168411

Ion Ratio Lower Upper

82 100

95 7.7 6.9 10.3

138 16.0 13.3 19.9



#26

2-Nitrophenol

Concen: 5.649 ng

RT: 9.999 min Scan# 1158

Delta R.T. -0.012 min

Lab File: BP014081.D

Acq: 14 Mar 2023 13:24

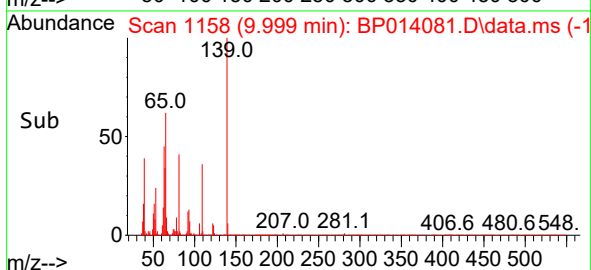
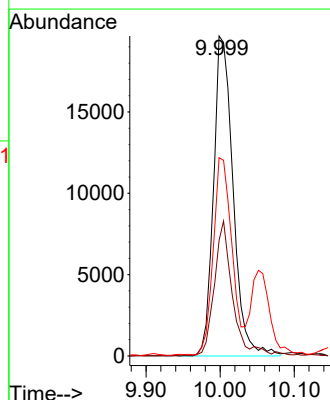
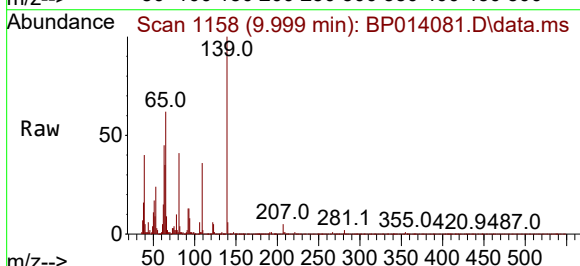
Tgt Ion:139 Resp: 36099

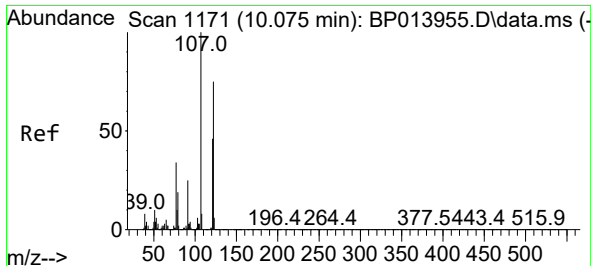
Ion Ratio Lower Upper

139 100

109 36.1 33.8 50.8

65 61.9 46.6 70.0





#27

2,4-Dimethylphenol

Concen: 6.298 ng

RT: 10.052 min Scan# 1167

Delta R.T. -0.012 min

Lab File: BP014081.D

Acq: 14 Mar 2023 13:24

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT1-2023

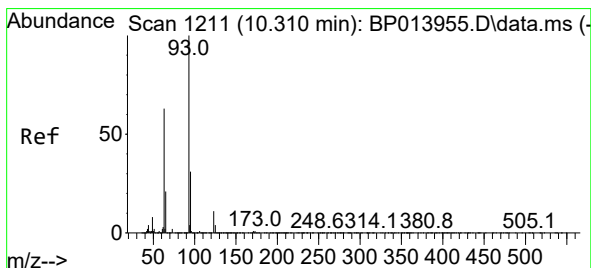
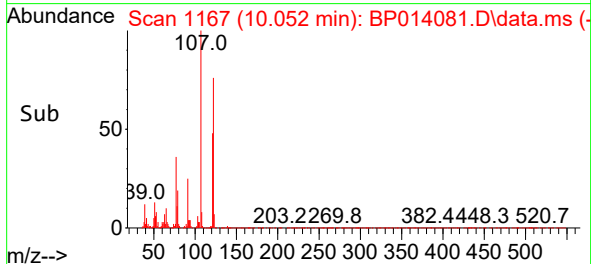
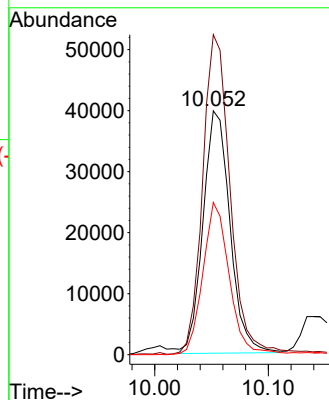
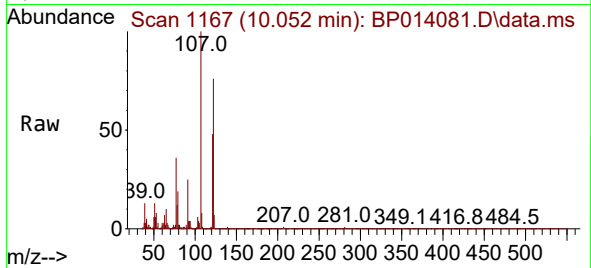
Tgt Ion:122 Resp: 65436

Ion Ratio Lower Upper

122 100

107 131.3 105.9 158.9

121 62.4 49.0 73.4



#28

bis(2-Chloroethoxy)methane

Concen: 6.790 ng

RT: 10.293 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BP014081.D

Acq: 14 Mar 2023 13:24

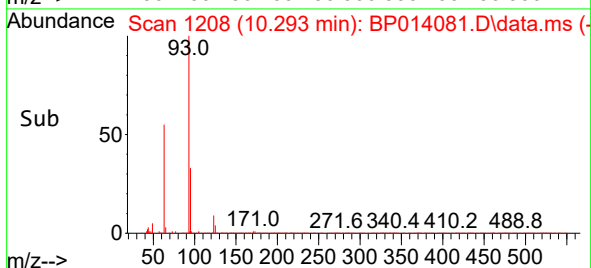
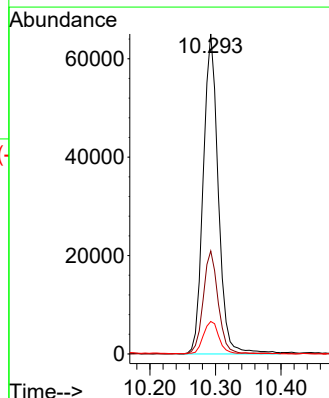
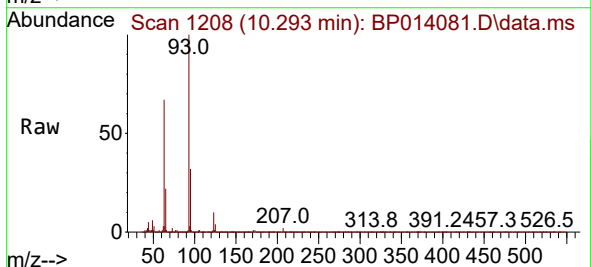
Tgt Ion: 93 Resp: 103975

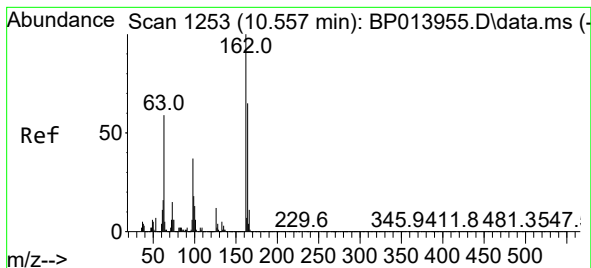
Ion Ratio Lower Upper

93 100

95 32.2 25.0 37.6

123 10.1 8.6 12.8





#29

2,4-Dichlorophenol

Concen: 5.859 ng

RT: 10.540 min Scan# 1250

Delta R.T. -0.006 min

Lab File: BP014081.D

Acq: 14 Mar 2023 13:24

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT1-2023

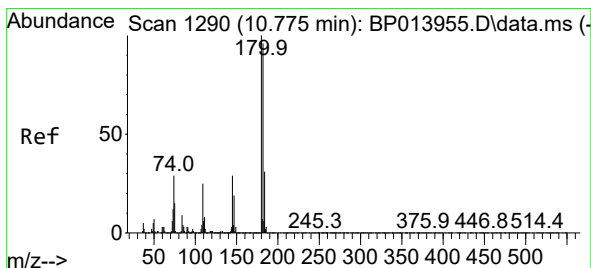
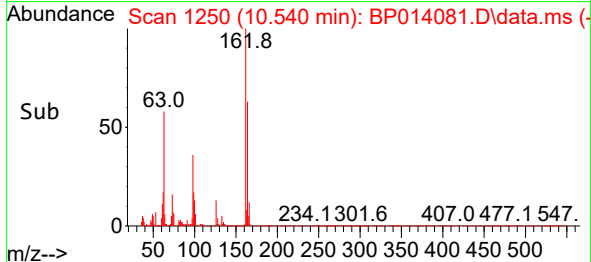
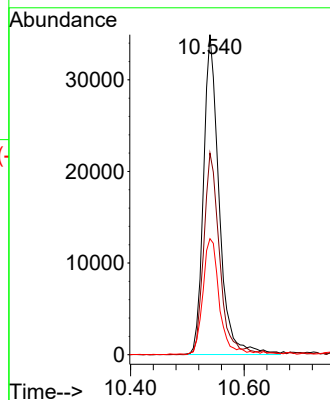
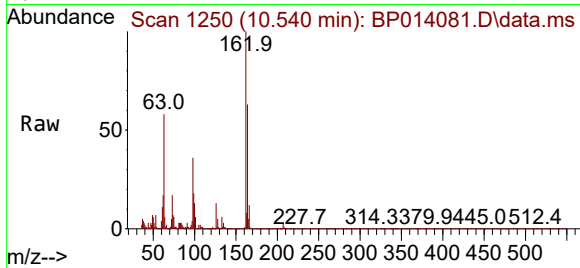
Tgt Ion:162 Resp: 66640

Ion Ratio Lower Upper

162 100

164 63.0 44.7 84.7

98 36.3 17.0 57.0



#30

1,2,4-Trichlorobenzene

Concen: 6.658 ng

RT: 10.752 min Scan# 1286

Delta R.T. -0.006 min

Lab File: BP014081.D

Acq: 14 Mar 2023 13:24

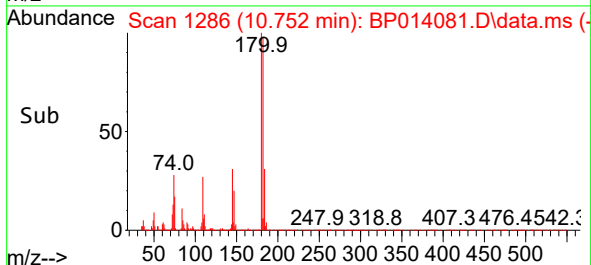
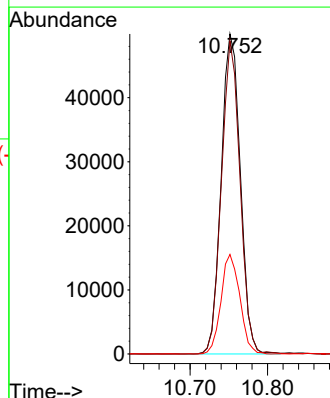
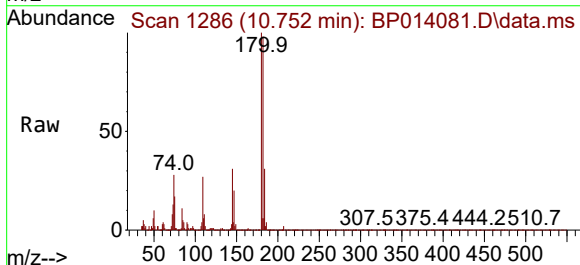
Tgt Ion:180 Resp: 85972

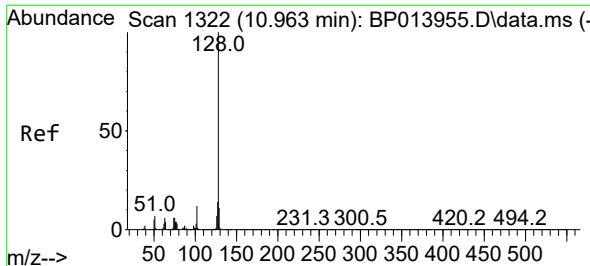
Ion Ratio Lower Upper

180 100

182 97.8 76.6 114.8

145 31.1 23.5 35.3

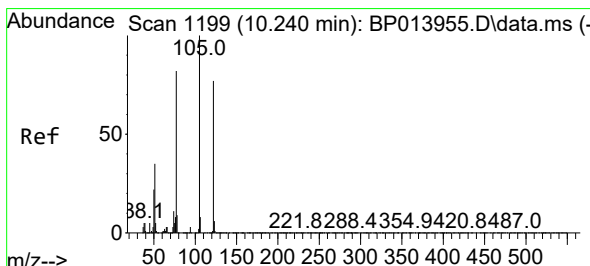
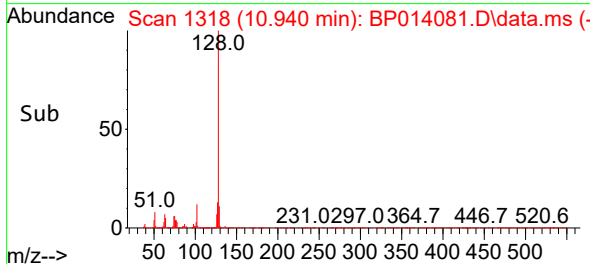
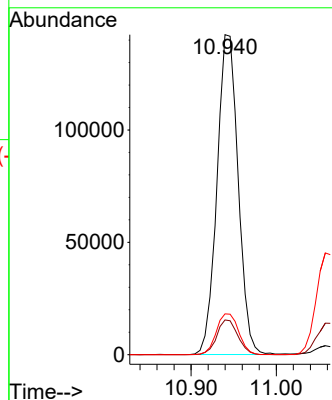
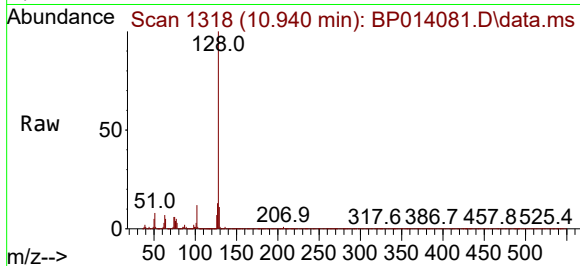




#31
Naphthalene
Concen: 6.817 ng
RT: 10.940 min Scan# 1182
Delta R.T. -0.012 min
Lab File: BP014081.D
Acq: 14 Mar 2023 13:24

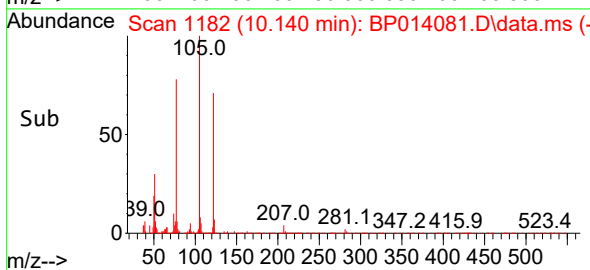
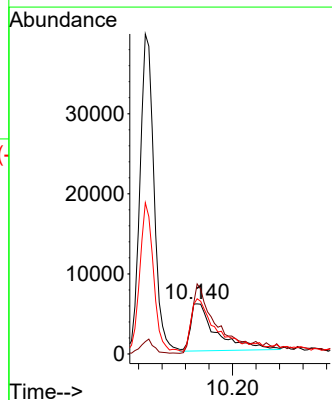
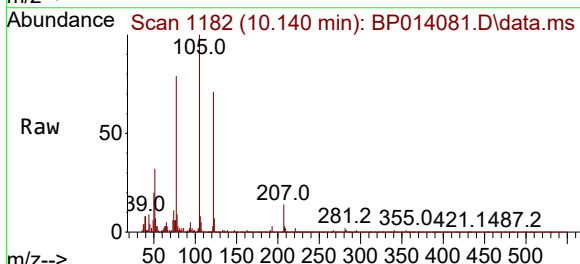
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2023

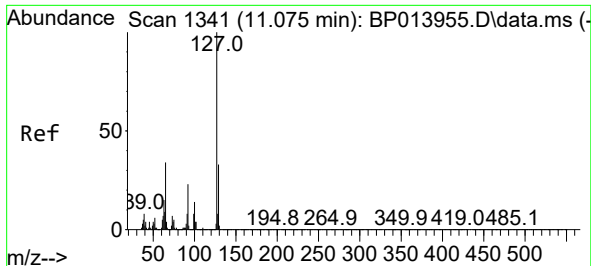
Tgt Ion:128 Resp: 245830
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 12.8 11.2 16.8



#32
Benzoic acid
Concen: 4.661 ng
RT: 10.140 min Scan# 1182
Delta R.T. -0.070 min
Lab File: BP014081.D
Acq: 14 Mar 2023 13:24

Tgt Ion:122 Resp: 17880
Ion Ratio Lower Upper
122 100
105 140.1 108.2 148.2
77 110.3 85.2 125.2

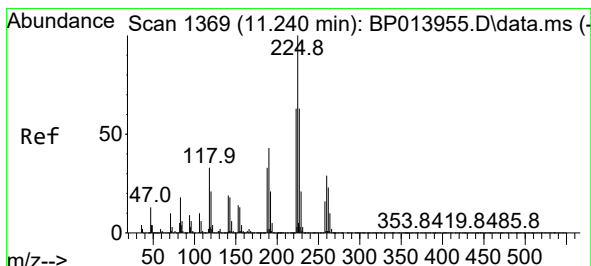
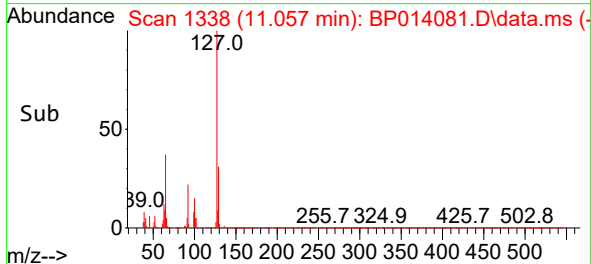
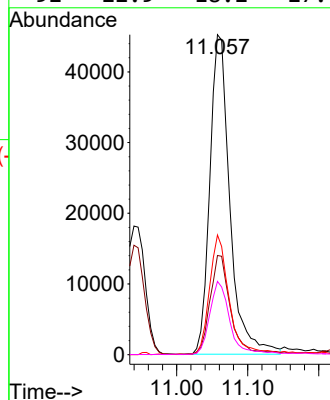
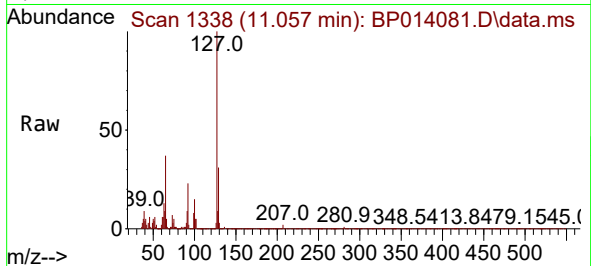




#33
4-Chloroaniline
Concen: 5.738 ng
RT: 11.057 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP014081.D
Acq: 14 Mar 2023 13:24

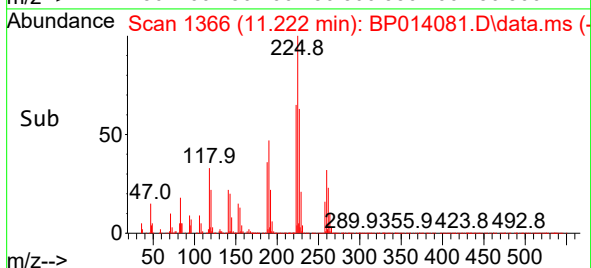
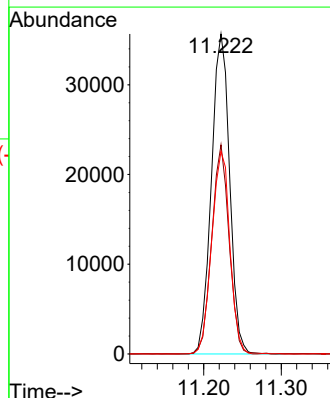
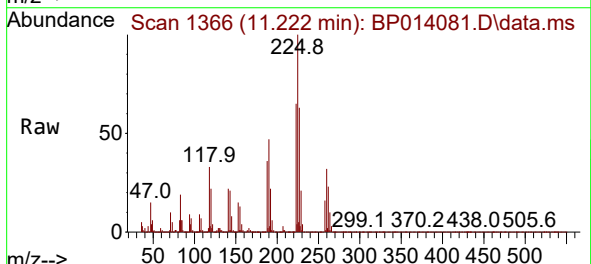
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2023

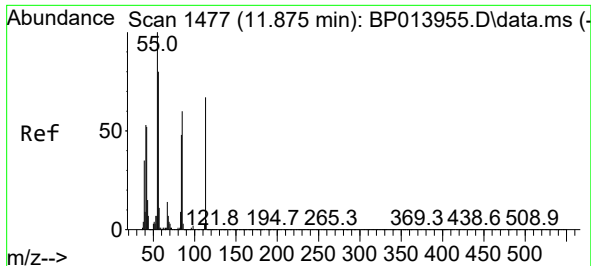
Tgt Ion:	127	Resp:	88699
Ion	Ratio	Lower	Upper
127	100		
129	31.0	26.2	39.2
65	37.4	27.0	40.4
92	22.9	18.2	27.4



#34
Hexachlorobutadiene
Concen: 6.180 ng
RT: 11.222 min Scan# 1366
Delta R.T. -0.006 min
Lab File: BP014081.D
Acq: 14 Mar 2023 13:24

Tgt Ion:	225	Resp:	58021
Ion	Ratio	Lower	Upper
225	100		
223	65.3	50.6	76.0
227	63.3	50.2	75.4

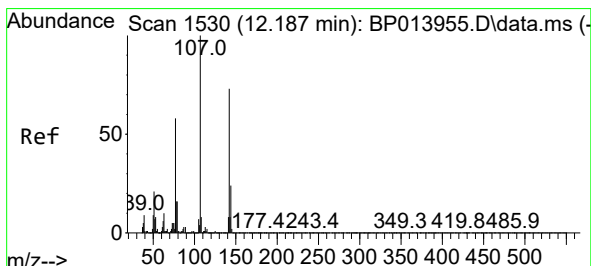
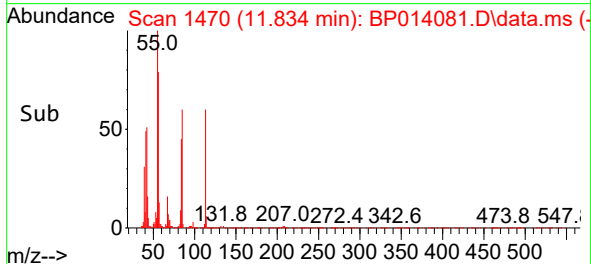
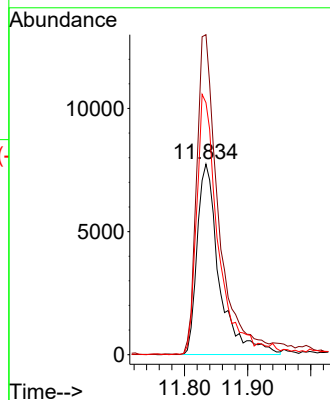
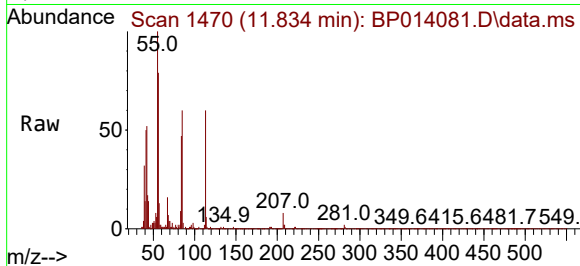




#35
Caprolactam
Concen: 5.787 ng
RT: 11.834 min Scan# 1477
Delta R.T. -0.023 min
Lab File: BP014081.D
Acq: 14 Mar 2023 13:24

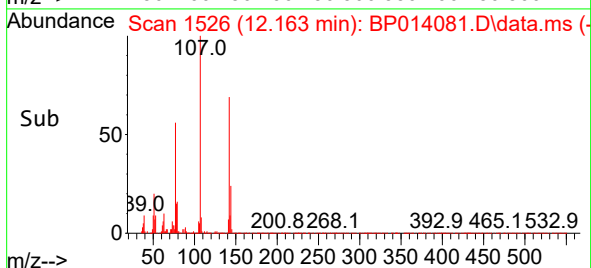
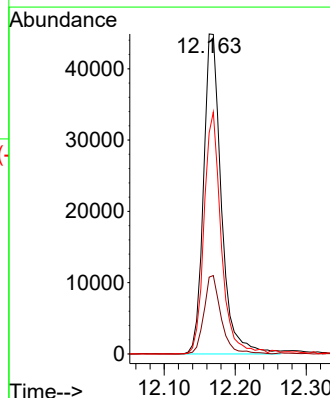
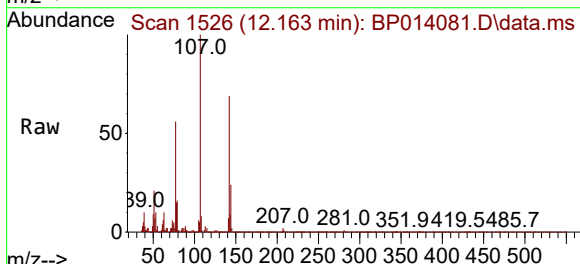
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2023

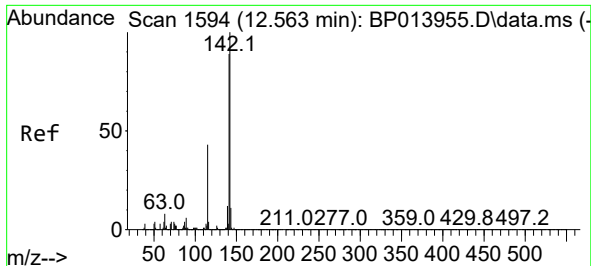
Tgt Ion:113 Resp: 18839
Ion Ratio Lower Upper
113 100
55 167.9 128.9 168.9
56 132.2 99.6 139.6



#36
4-Chloro-3-methylphenol
Concen: 6.205 ng
RT: 12.163 min Scan# 1526
Delta R.T. -0.012 min
Lab File: BP014081.D
Acq: 14 Mar 2023 13:24

Tgt Ion:107 Resp: 78714
Ion Ratio Lower Upper
107 100
144 24.0 19.3 28.9
142 69.1 58.5 87.7

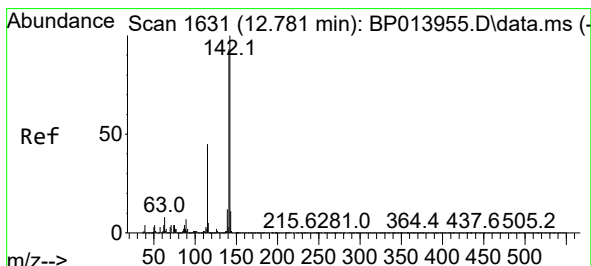
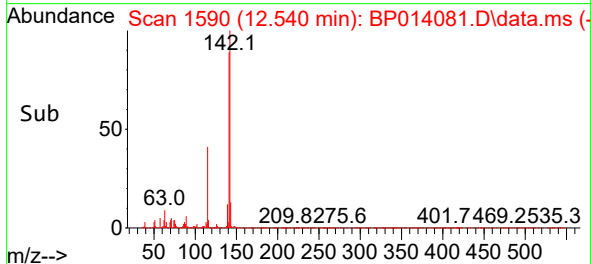
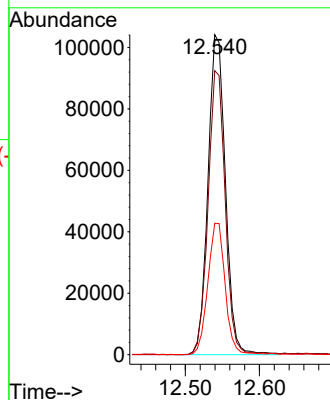
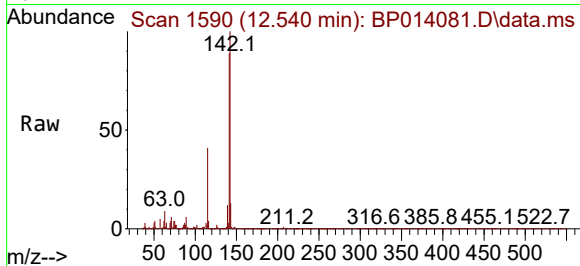




#37
2-Methylnaphthalene
Concen: 6.391 ng
RT: 12.540 min Scan# 1590
Delta R.T. -0.006 min
Lab File: BP014081.D
Acq: 14 Mar 2023 13:24

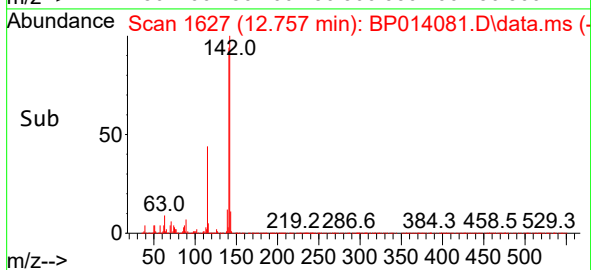
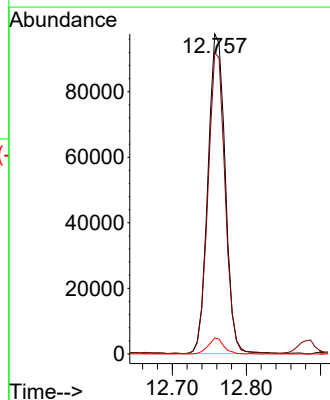
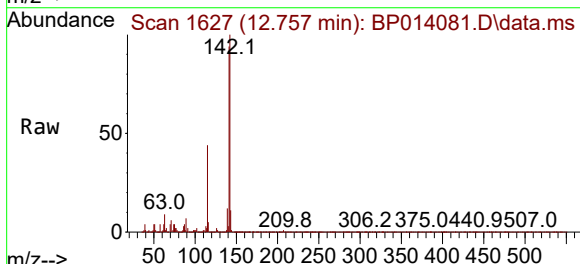
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2023

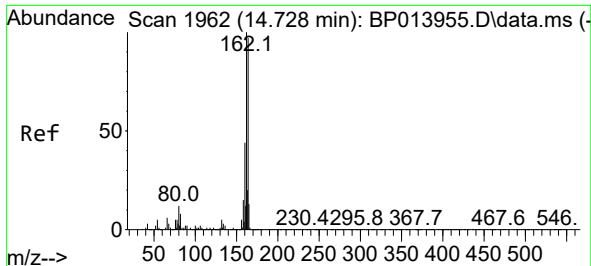
Tgt Ion:142 Resp: 170028
Ion Ratio Lower Upper
142 100
141 88.7 71.0 106.4
115 41.0 34.5 51.7



#38
1-Methylnaphthalene
Concen: 6.384 ng
RT: 12.757 min Scan# 1627
Delta R.T. -0.012 min
Lab File: BP014081.D
Acq: 14 Mar 2023 13:24

Tgt Ion:142 Resp: 158322
Ion Ratio Lower Upper
142 100
141 94.2 74.4 111.6
116 5.0 3.6 5.4

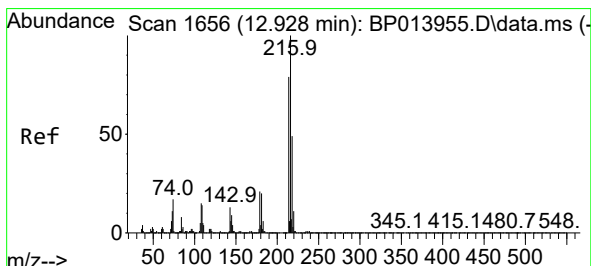
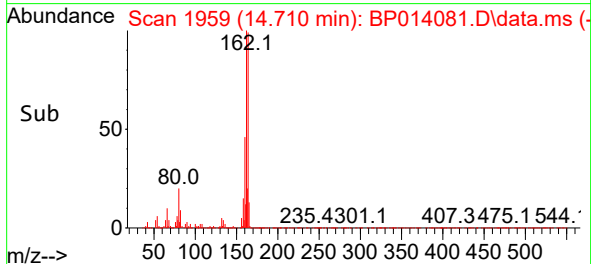
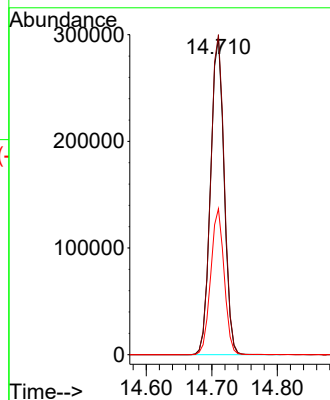
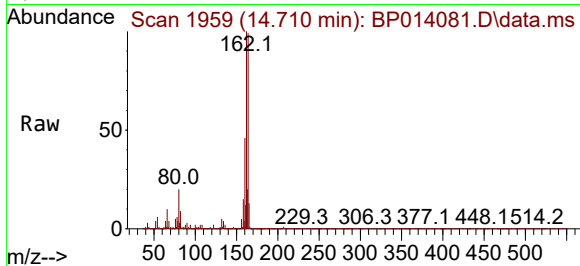




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.710 min Scan# 1962
Delta R.T. -0.006 min
Lab File: BP014081.D
Acq: 14 Mar 2023 13:24

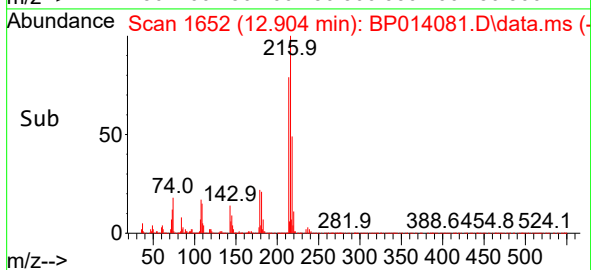
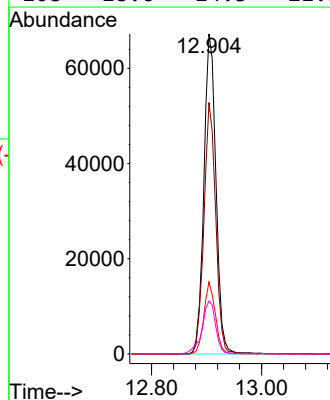
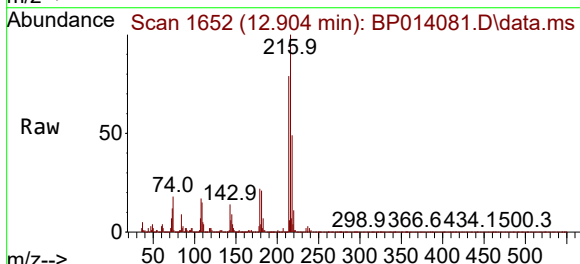
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2023

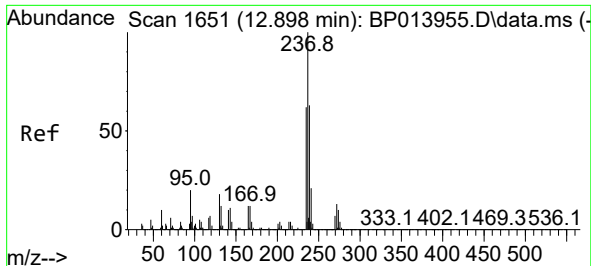
Tgt Ion:164 Resp: 427166
Ion Ratio Lower Upper
164 100
162 101.1 82.1 123.1
160 46.1 36.2 54.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 6.302 ng
RT: 12.904 min Scan# 1652
Delta R.T. -0.006 min
Lab File: BP014081.D
Acq: 14 Mar 2023 13:24

Tgt Ion:216 Resp: 102607
Ion Ratio Lower Upper
216 100
214 76.7 62.2 93.2
179 21.4 16.6 24.8
108 18.6 14.3 21.5

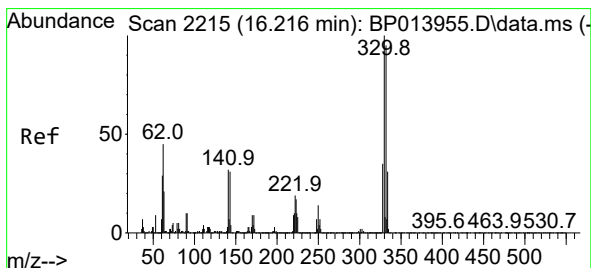
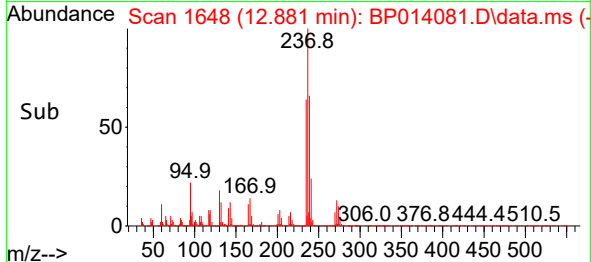
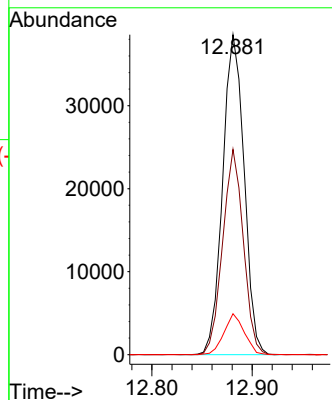
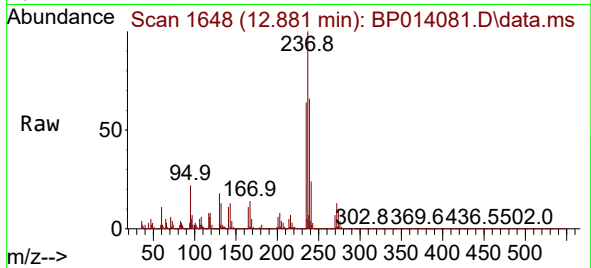




#41
Hexachlorocyclopentadiene
Concen: 5.595 ng
RT: 12.881 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP014081.D
Acq: 14 Mar 2023 13:24

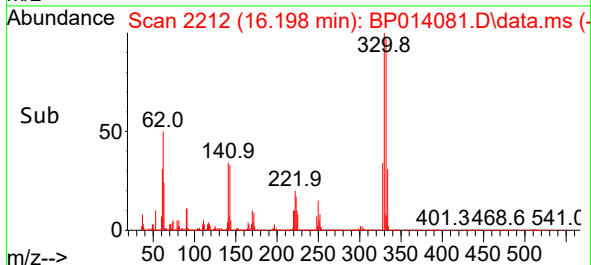
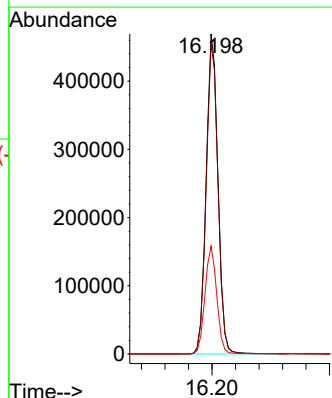
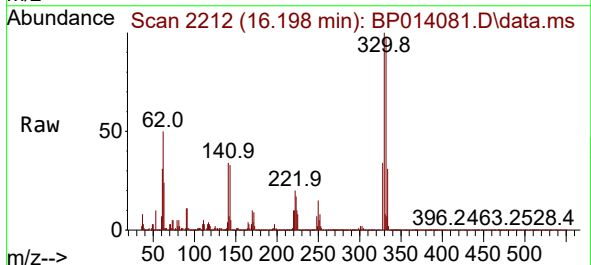
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BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2023

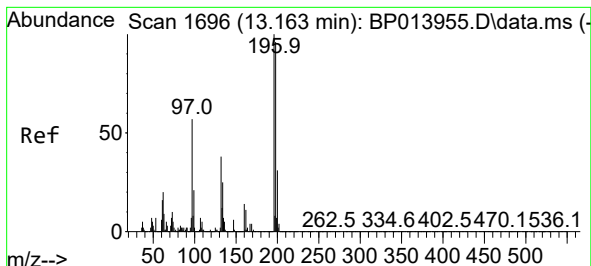
Tgt Ion: 237 Resp: 57172
Ion Ratio Lower Upper
237 100
235 64.1 41.9 81.9
272 12.8 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 94.443 ng
RT: 16.198 min Scan# 2212
Delta R.T. -0.006 min
Lab File: BP014081.D
Acq: 14 Mar 2023 13:24

Tgt Ion: 330 Resp: 654103
Ion Ratio Lower Upper
330 100
332 97.5 77.1 115.7
141 33.7 25.6 38.4





#43

2,4,6-Trichlorophenol

Concen: 5.820 ng

RT: 13.146 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP014081.D

Acq: 14 Mar 2023 13:24

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT1-2023

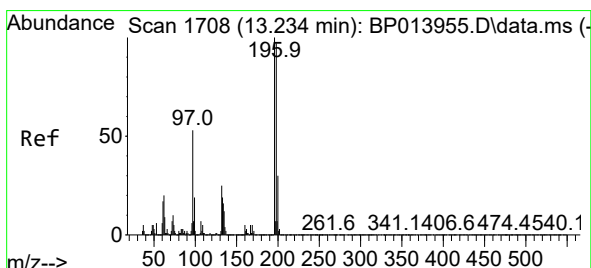
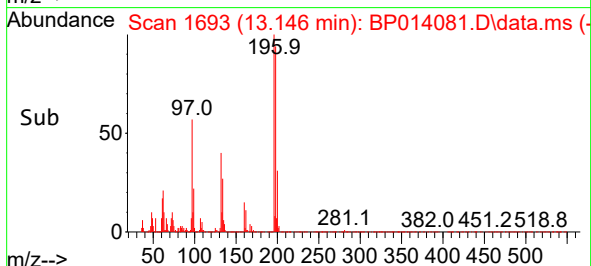
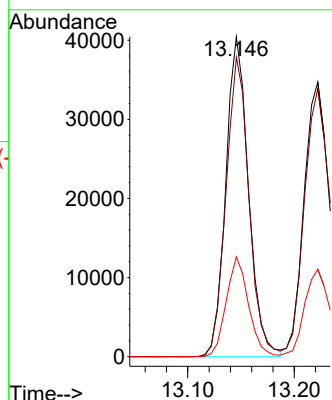
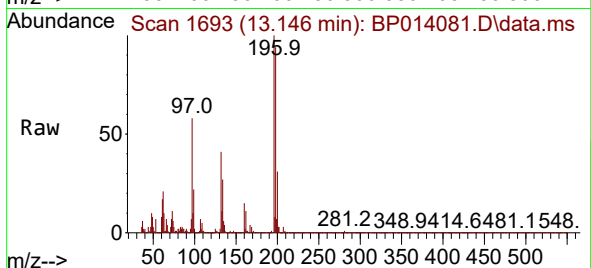
Tgt Ion:196 Resp: 59904

Ion Ratio Lower Upper

196 100

198 93.6 76.7 115.1

200 31.2 25.2 37.8



#44

2,4,5-Trichlorophenol

Concen: 5.417 ng

RT: 13.222 min Scan# 1706

Delta R.T. 0.000 min

Lab File: BP014081.D

Acq: 14 Mar 2023 13:24

Tgt Ion:196 Resp: 64604

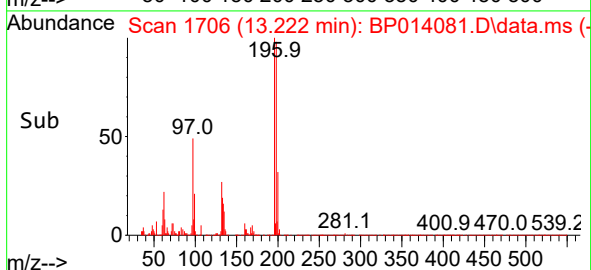
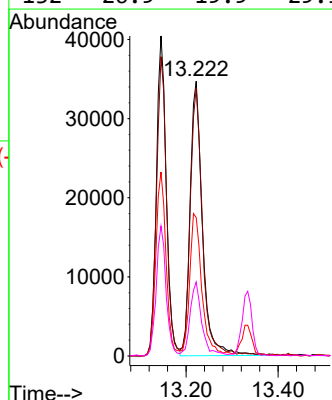
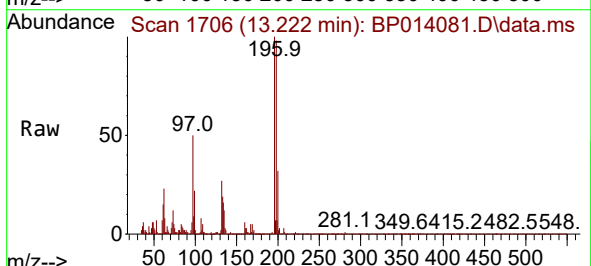
Ion Ratio Lower Upper

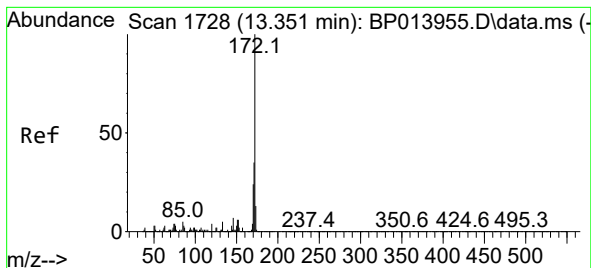
196 100

198 97.6 77.5 116.3

97 50.4 42.6 64.0

132 26.9 19.9 29.9





#45

2-Fluorobiphenyl

Concen: 73.628 ng

RT: 13.334 min Scan# 1725

Delta R.T. -0.006 min

Lab File: BP014081.D

Acq: 14 Mar 2023 13:24

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT1-2023

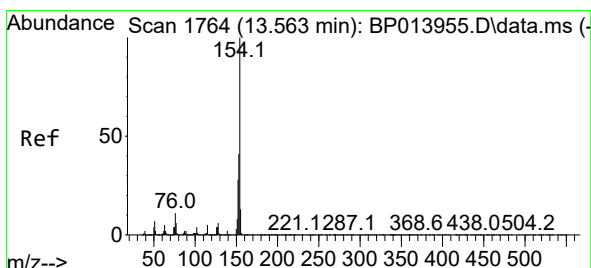
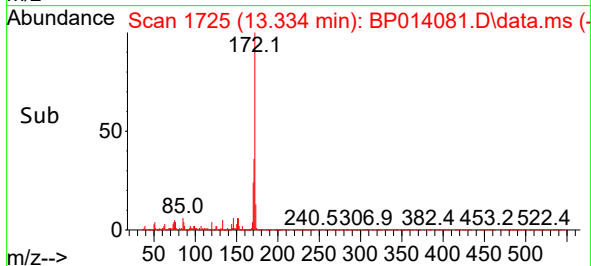
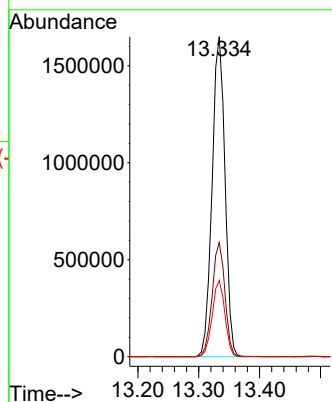
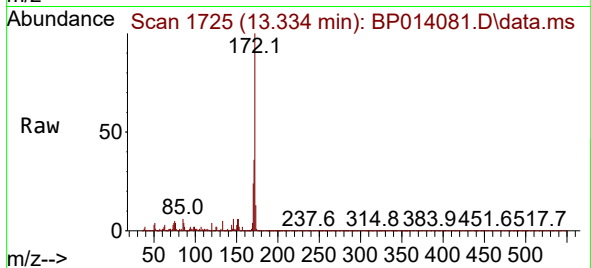
Tgt Ion:172 Resp: 2427579

Ion Ratio Lower Upper

172 100

171 35.6 28.3 42.5

170 23.8 19.0 28.4



#46

1,1'-Biphenyl

Concen: 6.856 ng

RT: 13.540 min Scan# 1760

Delta R.T. -0.012 min

Lab File: BP014081.D

Acq: 14 Mar 2023 13:24

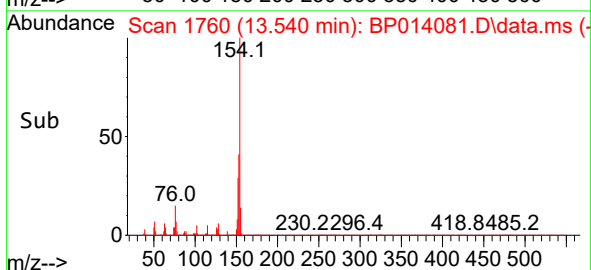
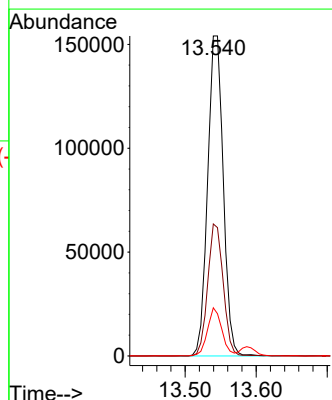
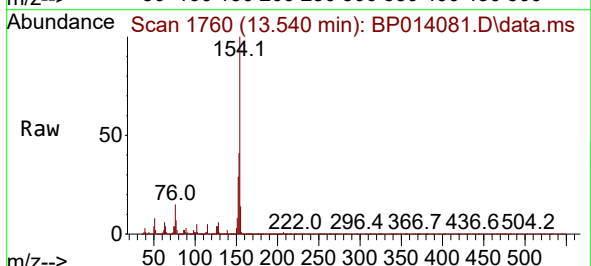
Tgt Ion:154 Resp: 235750

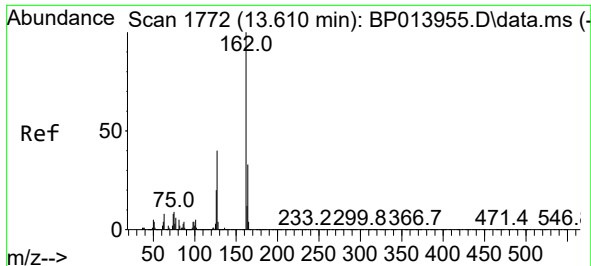
Ion Ratio Lower Upper

154 100

153 41.2 21.0 61.0

76 15.1 0.0 31.0

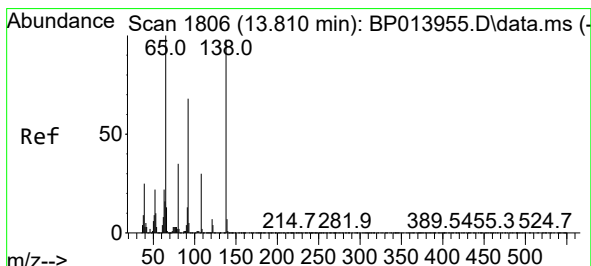
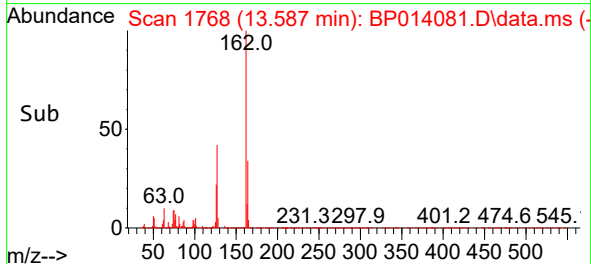
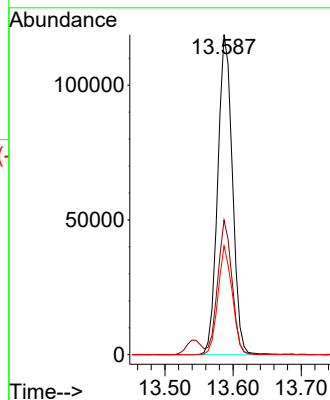
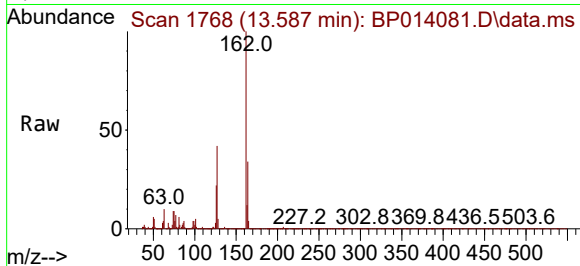




#47
2-Chloronaphthalene
Concen: 6.730 ng
RT: 13.587 min Scan# 1768
Delta R.T. -0.006 min
Lab File: BP014081.D
Acq: 14 Mar 2023 13:24

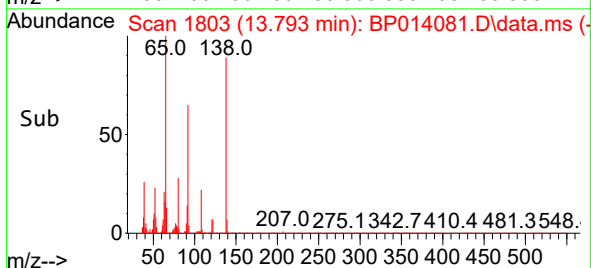
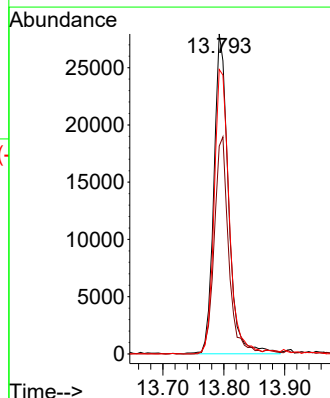
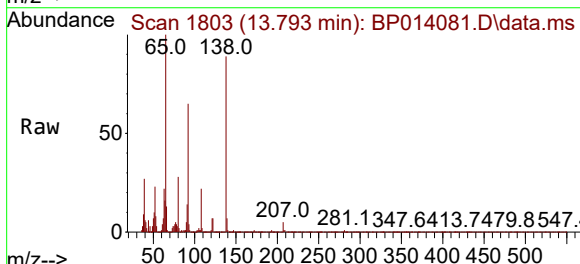
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2023

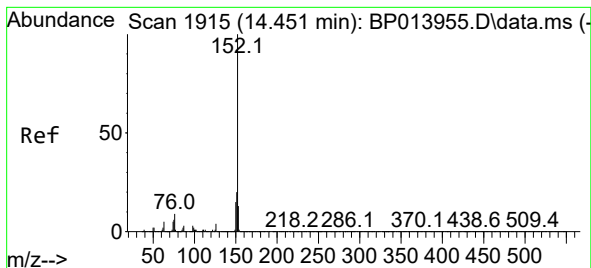
Tgt Ion:162 Resp: 178141
Ion Ratio Lower Upper
162 100
127 42.1 32.5 48.7
164 34.0 26.3 39.5



#48
2-Nitroaniline
Concen: 5.781 ng
RT: 13.793 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BP014081.D
Acq: 14 Mar 2023 13:24

Tgt Ion: 65 Resp: 46437
Ion Ratio Lower Upper
65 100
92 64.9 54.4 81.6
138 88.9 78.0 117.0





#49

Acenaphthylene

Concen: 6.291 ng

RT: 14.428 min Scan# 1911

Delta R.T. -0.012 min

Lab File: BP014081.D

Acq: 14 Mar 2023 13:24

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT1-2023

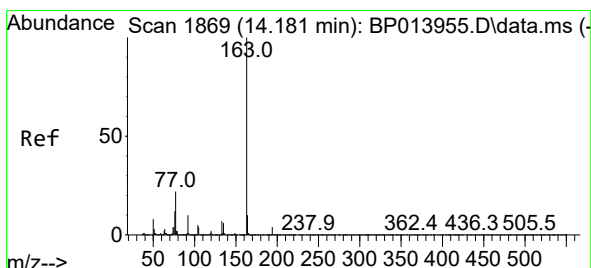
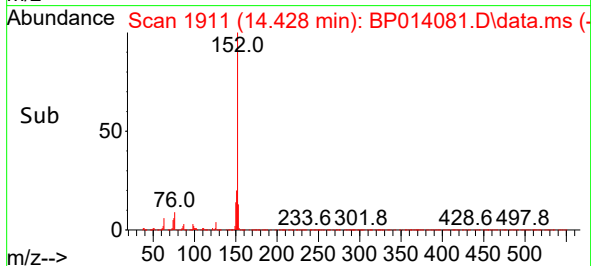
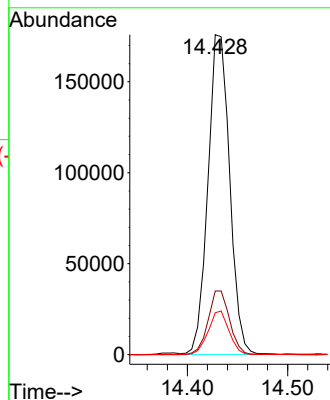
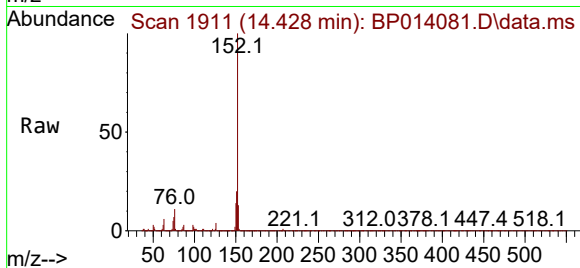
Tgt Ion:152 Resp: 264793

Ion Ratio Lower Upper

152 100

151 19.9 16.1 24.1

153 13.1 10.4 15.6



#50

Dimethylphthalate

Concen: 6.296 ng

RT: 14.157 min Scan# 1865

Delta R.T. -0.012 min

Lab File: BP014081.D

Acq: 14 Mar 2023 13:24

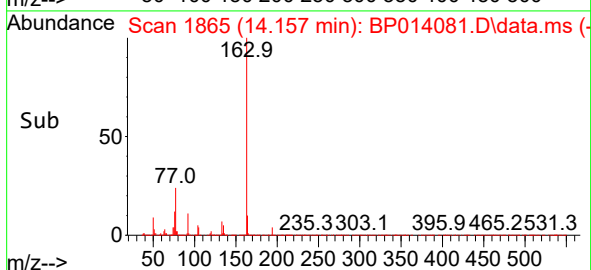
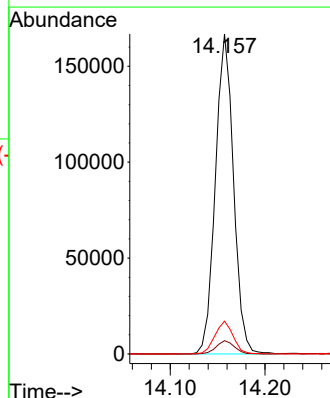
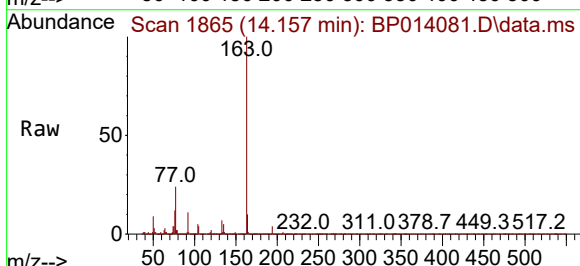
Tgt Ion:163 Resp: 221863

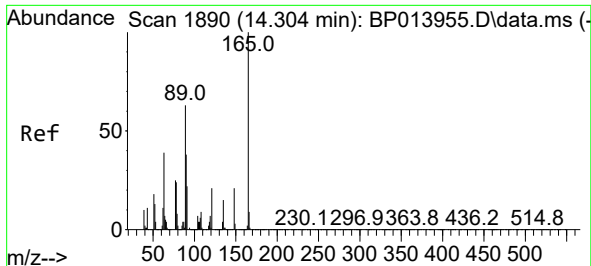
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

164 10.3 8.1 12.1

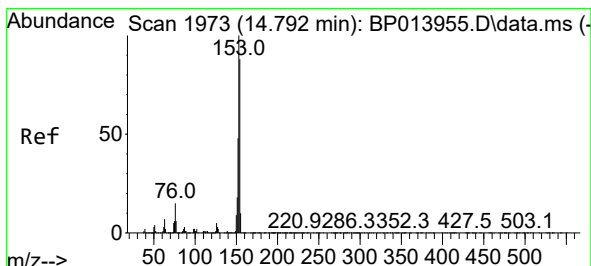
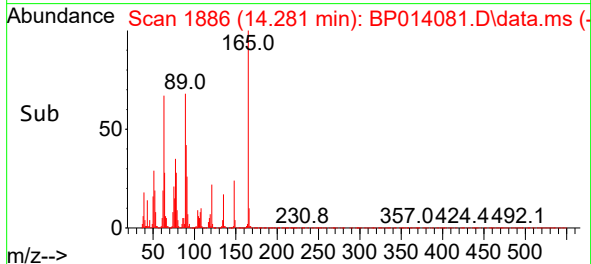
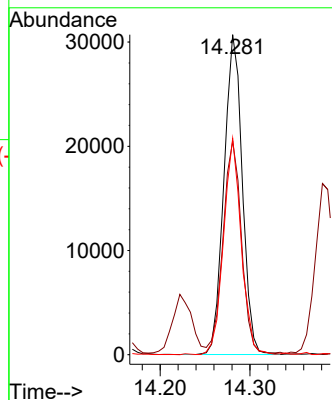
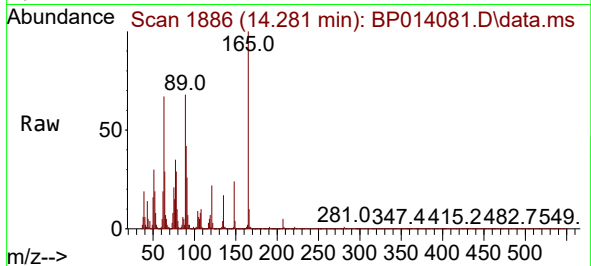




#51
2,6-Dinitrotoluene
Concen: 5.860 ng
RT: 14.281 min Scan# 1890
Delta R.T. -0.012 min
Lab File: BP014081.D
Acq: 14 Mar 2023 13:24

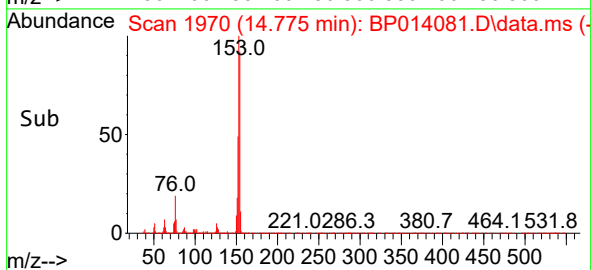
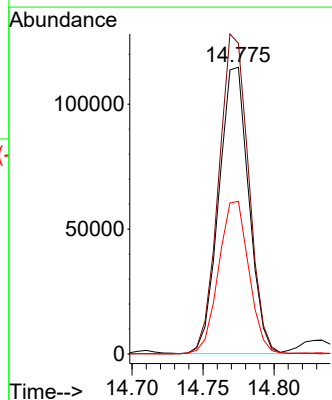
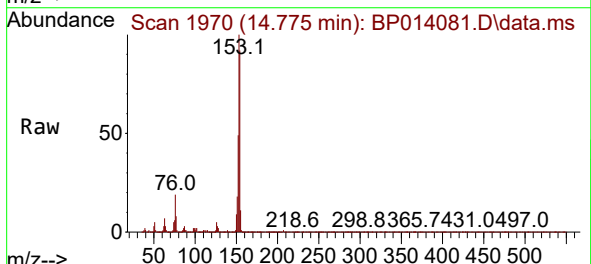
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2023

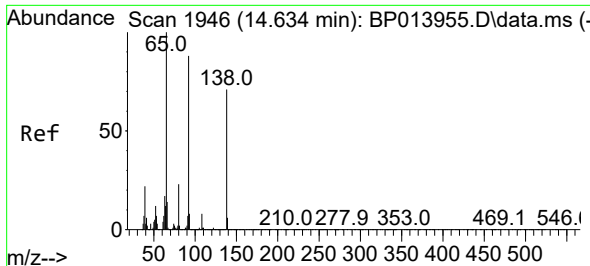
Tgt Ion:165 Resp: 43485
Ion Ratio Lower Upper
165 100
63 66.7 46.7 70.1
89 67.6 50.8 76.2



#52
Acenaphthene
Concen: 6.620 ng
RT: 14.775 min Scan# 1970
Delta R.T. -0.006 min
Lab File: BP014081.D
Acq: 14 Mar 2023 13:24

Tgt Ion:154 Resp: 167748
Ion Ratio Lower Upper
154 100
153 108.3 91.3 136.9
152 53.2 43.4 65.0

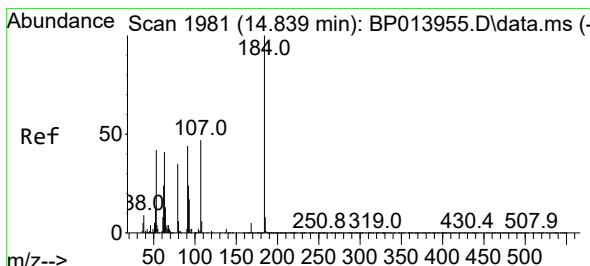
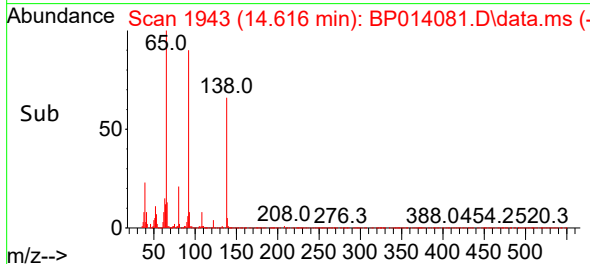
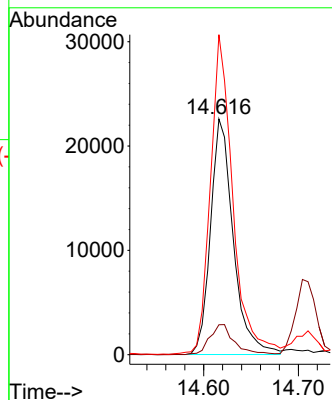
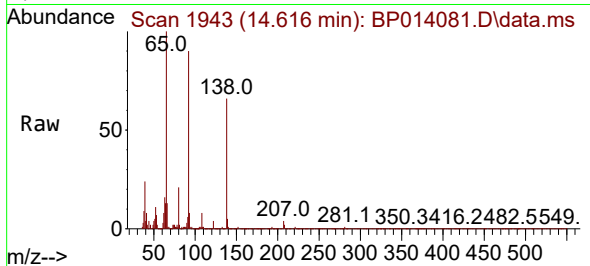




#53
3-Nitroaniline
Concen: 5.200 ng
RT: 14.616 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BP014081.D
Acq: 14 Mar 2023 13:24

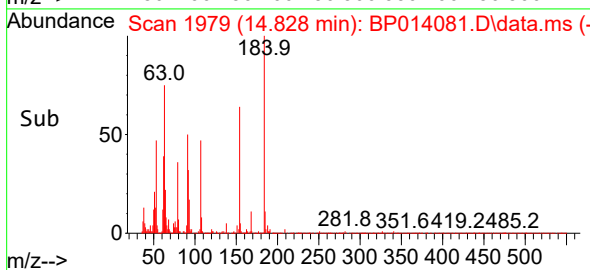
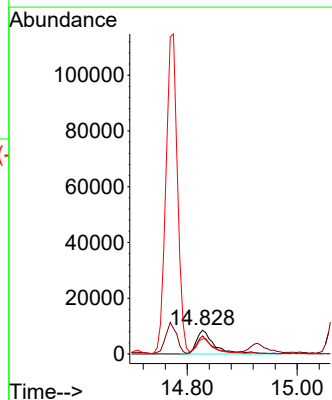
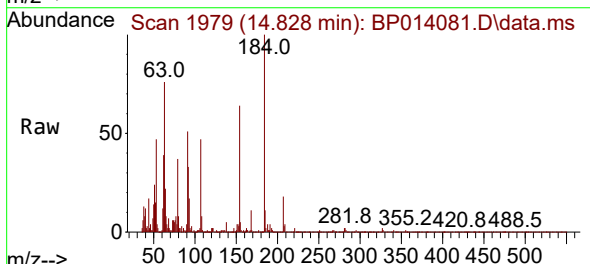
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2023

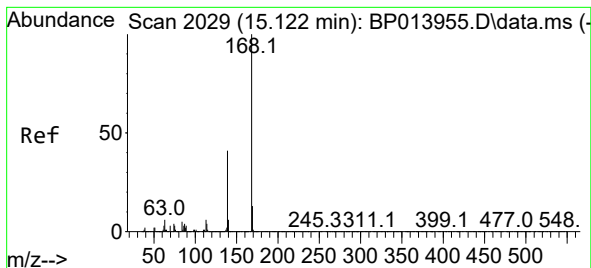
Tgt Ion:138 Resp: 37819
Ion Ratio Lower Upper
138 100
108 12.7 9.5 14.3
92 135.8 99.2 148.8



#54
2,4-Dinitrophenol
Concen: 6.487 ng
RT: 14.828 min Scan# 1979
Delta R.T. 0.000 min
Lab File: BP014081.D
Acq: 14 Mar 2023 13:24

Tgt Ion:184 Resp: 19507
Ion Ratio Lower Upper
184 100
63 76.1 52.4 78.6
154 63.7 59.4 89.2





#55

Dibenzenofuran

Concen: 6.595 ng

RT: 15.104 min Scan# 20

Delta R.T. -0.006 min

Lab File: BP014081.D

Acq: 14 Mar 2023 13:24

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT1-2023

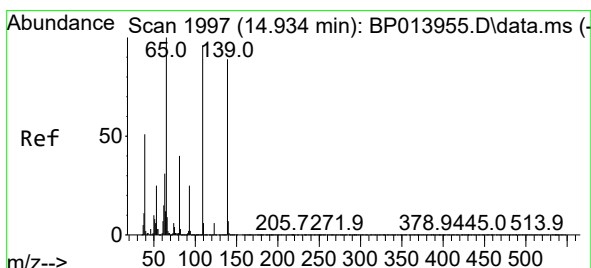
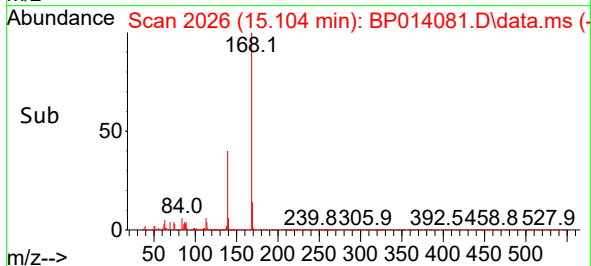
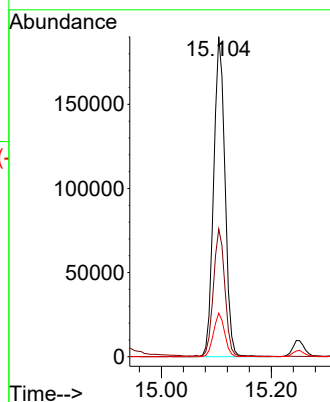
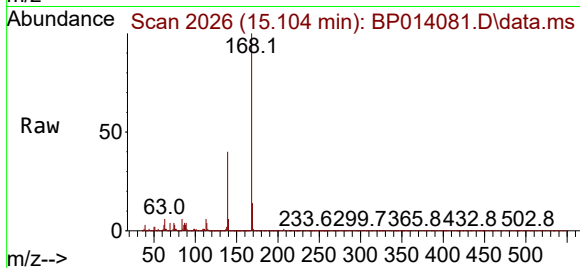
Tgt Ion:168 Resp: 272416

Ion Ratio Lower Upper

168 100

139 39.9 32.9 49.3

169 13.6 10.6 15.8



#56

4-Nitrophenol

Concen: 4.614 ng

RT: 14.922 min Scan# 1995

Delta R.T. 0.000 min

Lab File: BP014081.D

Acq: 14 Mar 2023 13:24

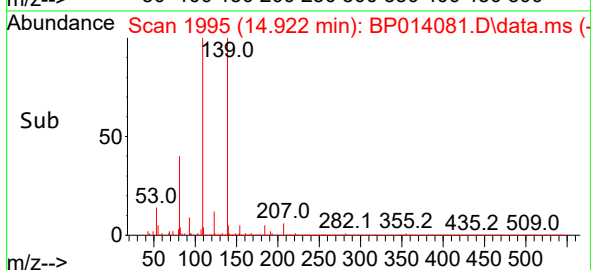
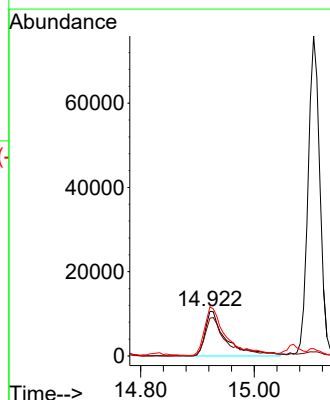
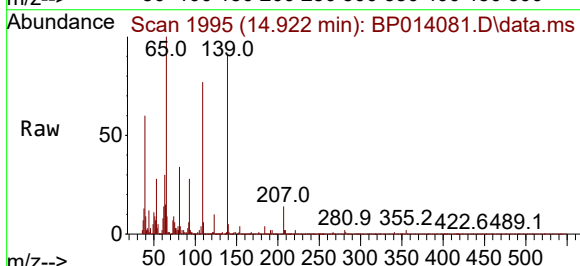
Tgt Ion:139 Resp: 27328

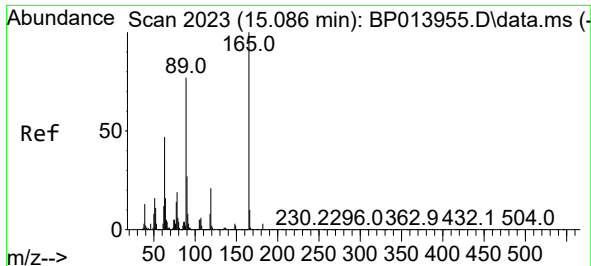
Ion Ratio Lower Upper

139 100

109 84.5 87.0 127.0#

65 110.0 92.1 132.1





#57

2,4-Dinitrotoluene

Concen: 5.647 ng

RT: 15.069 min Scan# 210

Delta R.T. -0.006 min

Lab File: BP014081.D

Acq: 14 Mar 2023 13:24

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT1-2023

Tgt Ion:165 Resp: 56021

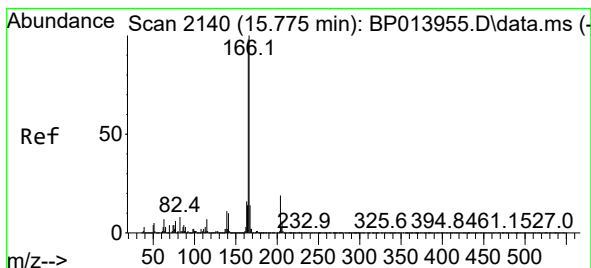
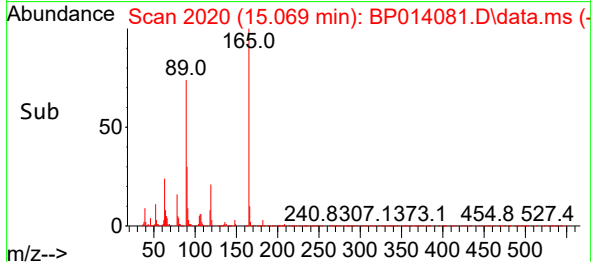
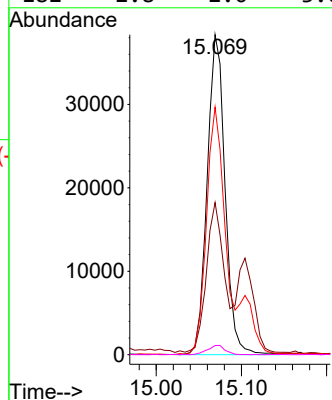
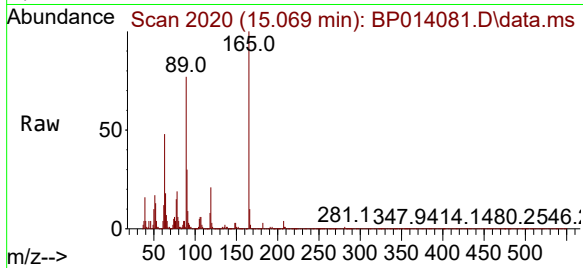
Ion Ratio Lower Upper

165 100

63 47.5 37.5 56.3

89 77.4 61.8 92.8

182 2.8 2.0 3.0



#58

Fluorene

Concen: 6.573 ng

RT: 15.757 min Scan# 2137

Delta R.T. -0.006 min

Lab File: BP014081.D

Acq: 14 Mar 2023 13:24

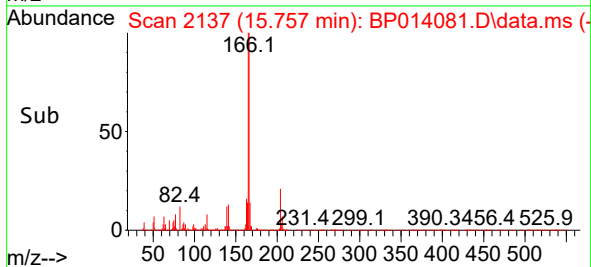
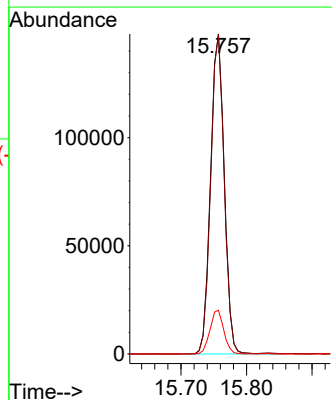
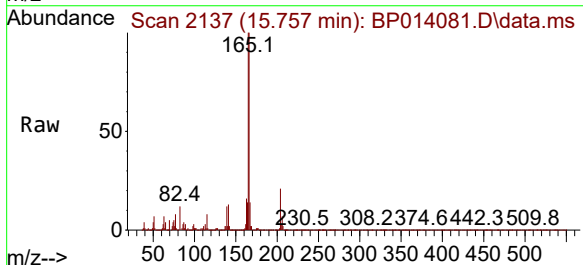
Tgt Ion:166 Resp: 215602

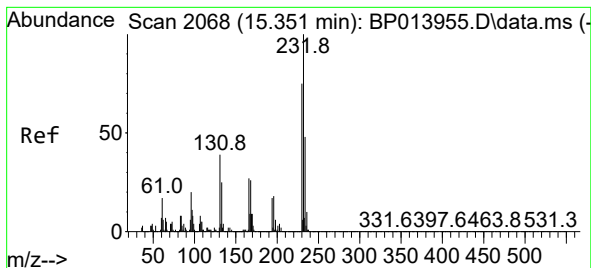
Ion Ratio Lower Upper

166 100

165 99.8 78.1 117.1

167 13.6 10.8 16.2

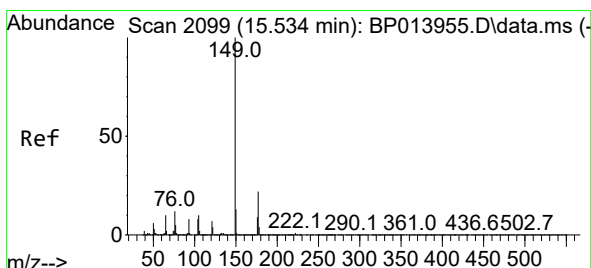
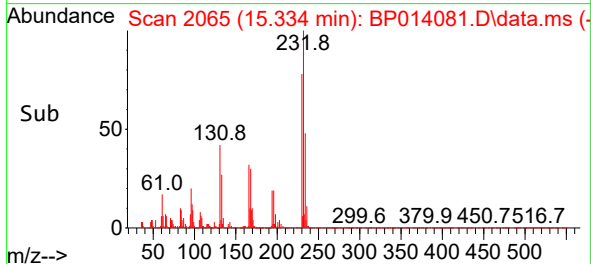
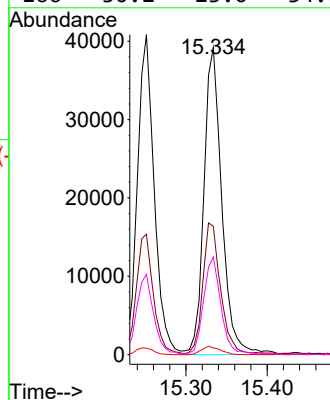
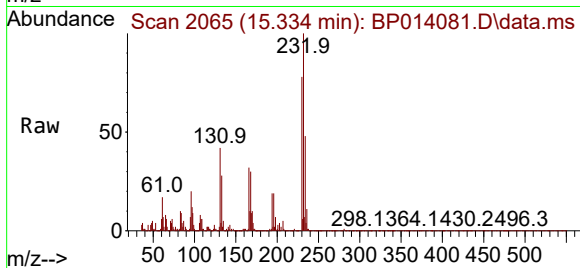




#59
2,3,4,6-Tetrachlorophenol
Concen: 5.773 ng
RT: 15.334 min Scan# 2065
Delta R.T. -0.006 min
Lab File: BP014081.D
Acq: 14 Mar 2023 13:24

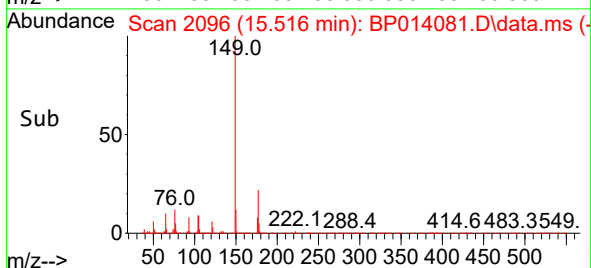
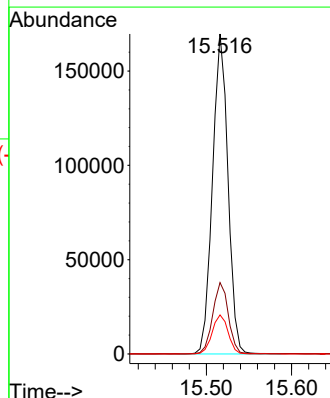
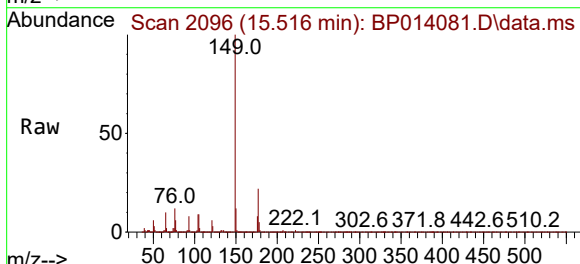
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2023

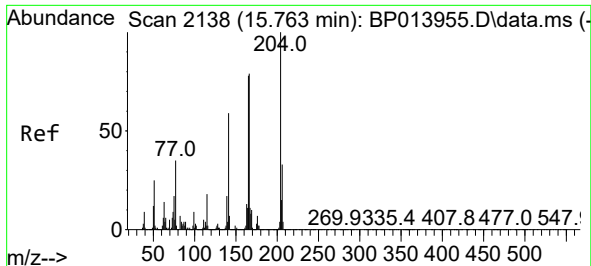
Tgt Ion:	232	Resp:	60066
Ion Ratio	Lower	Upper	
232	100		
131	42.3	32.5	48.7
130	2.9	1.9	2.9
166	30.2	23.0	34.6



#60
Diethylphthalate
Concen: 6.139 ng
RT: 15.516 min Scan# 2096
Delta R.T. -0.006 min
Lab File: BP014081.D
Acq: 14 Mar 2023 13:24

Tgt Ion:	149	Resp:	213608
Ion Ratio	Lower	Upper	
149	100		
177	22.3	18.0	27.0
150	12.2	10.3	15.5

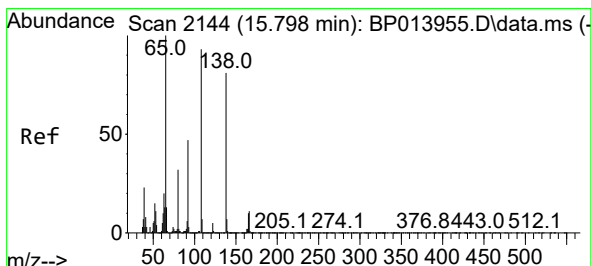
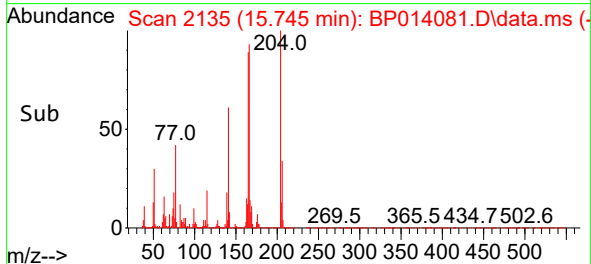
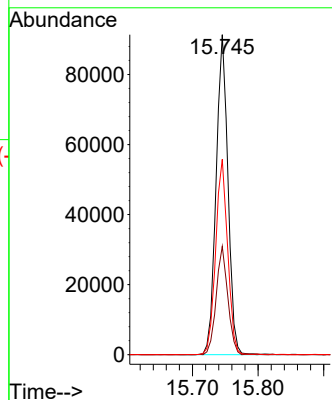
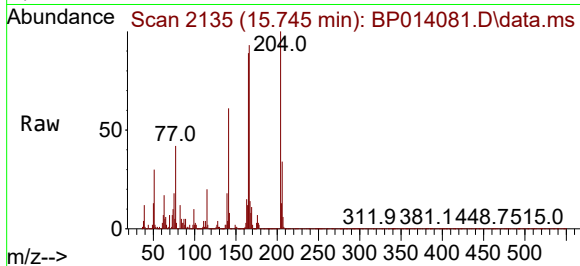




#61
4-Chlorophenyl-phenylether
Concen: 6.147 ng
RT: 15.745 min Scan# 211
Delta R.T. -0.006 min
Lab File: BP014081.D
Acq: 14 Mar 2023 13:24

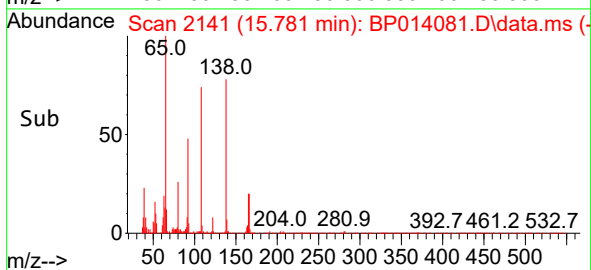
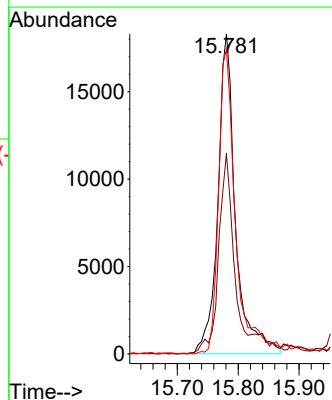
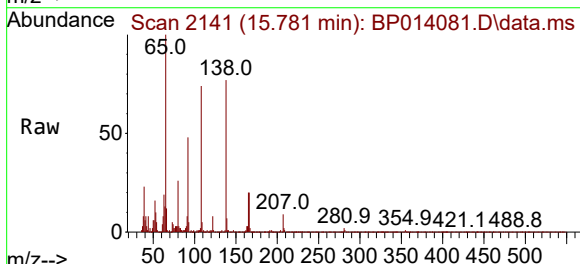
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2023

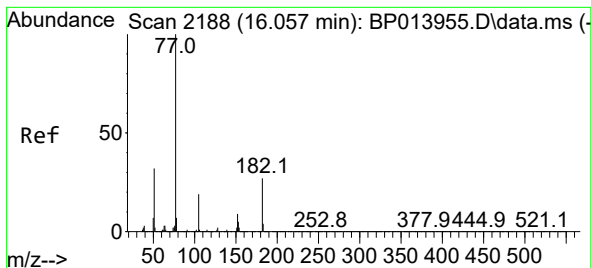
Tgt Ion:204 Resp: 114292
Ion Ratio Lower Upper
204 100
206 33.8 26.2 39.4
141 61.0 46.9 70.3



#62
4-Nitroaniline
Concen: 5.075 ng
RT: 15.781 min Scan# 2141
Delta R.T. -0.006 min
Lab File: BP014081.D
Acq: 14 Mar 2023 13:24

Tgt Ion:138 Resp: 36750
Ion Ratio Lower Upper
138 100
92 62.7 37.9 77.9
108 95.3 94.9 134.9





#63

Azobenzene

Concen: 6.550 ng

RT: 16.040 min Scan# 2188

Delta R.T. -0.006 min

Lab File: BP014081.D

Acq: 14 Mar 2023 13:24

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT1-2023

Tgt Ion: 77 Resp: 210873

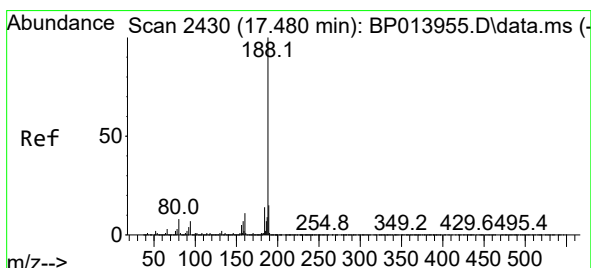
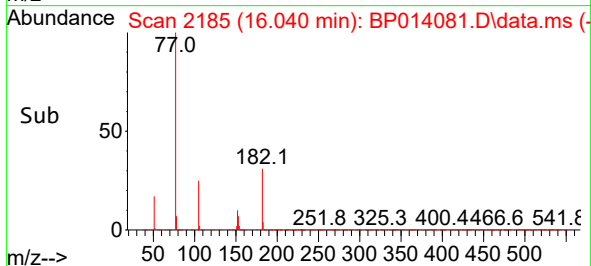
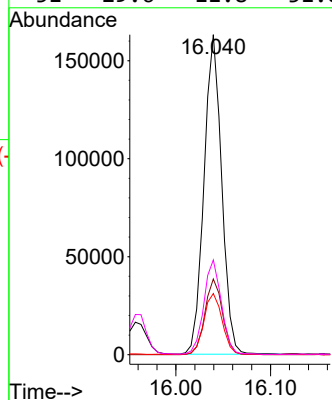
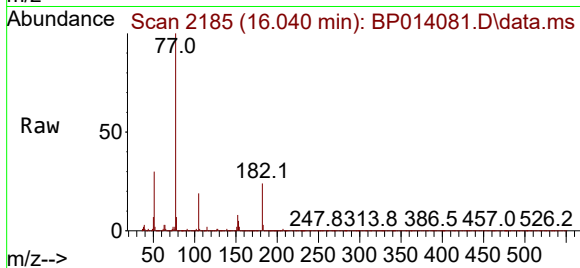
Ion Ratio Lower Upper

77 100

182 23.7 6.9 46.9

105 19.1 0.0 39.4

51 29.6 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: BP014081.D

Acq: 14 Mar 2023 13:24

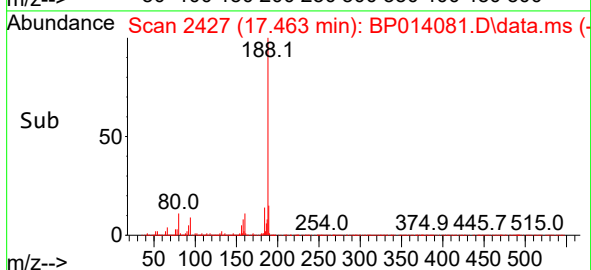
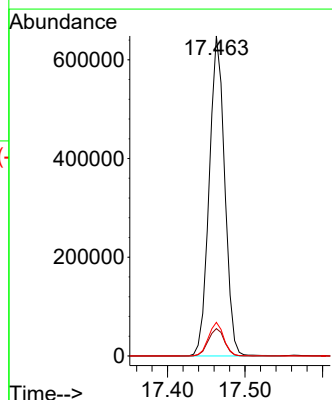
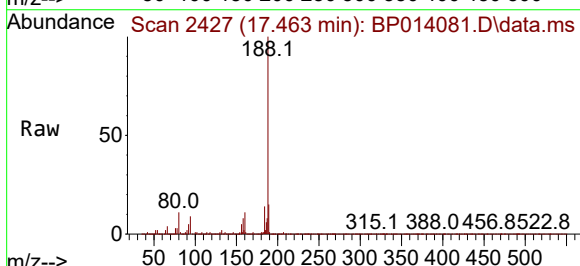
Tgt Ion:188 Resp: 899712

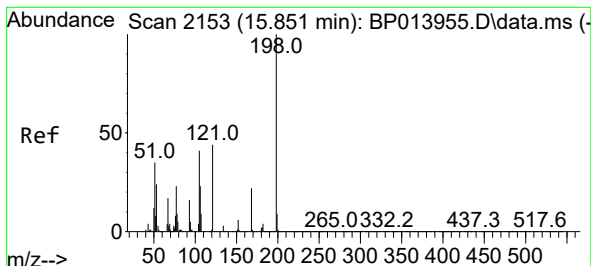
Ion Ratio Lower Upper

188 100

94 8.6 5.8 8.6

80 10.5 6.6 9.8#

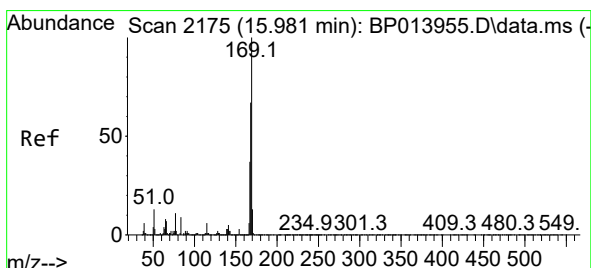
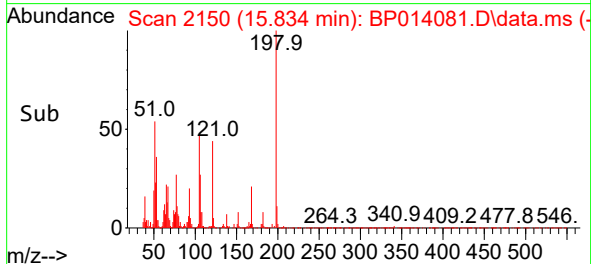
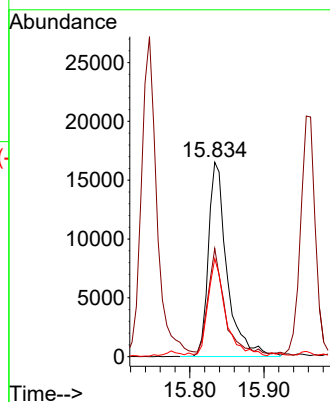
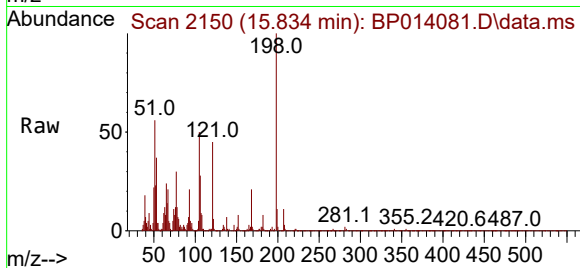




#65
4,6-Dinitro-2-methylphenol
Concen: 4.321 ng
RT: 15.834 min Scan# 2150
Delta R.T. -0.006 min
Lab File: BP014081.D
Acq: 14 Mar 2023 13:24

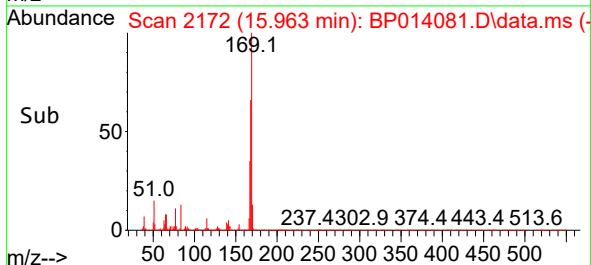
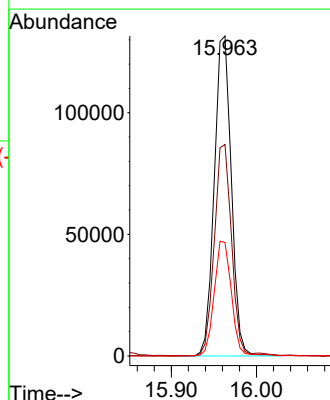
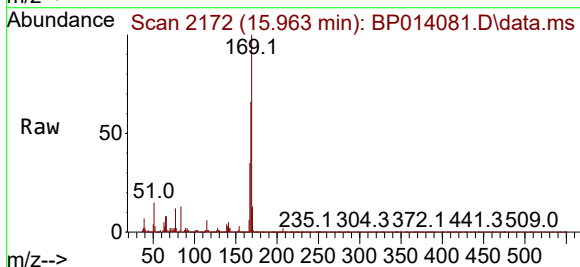
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT1-2023

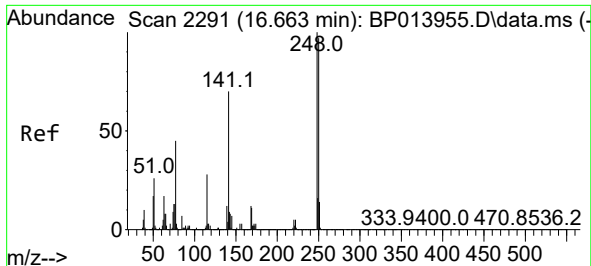
Tgt Ion:198 Resp: 28793
Ion Ratio Lower Upper
198 100
51 55.7 22.1 62.1
105 50.4 21.5 61.5



#66
n-Nitrosodiphenylamine
Concen: 6.442 ng
RT: 15.963 min Scan# 2172
Delta R.T. -0.006 min
Lab File: BP014081.D
Acq: 14 Mar 2023 13:24

Tgt Ion:169 Resp: 183143
Ion Ratio Lower Upper
169 100
168 66.1 54.0 81.0
167 35.5 29.4 44.2

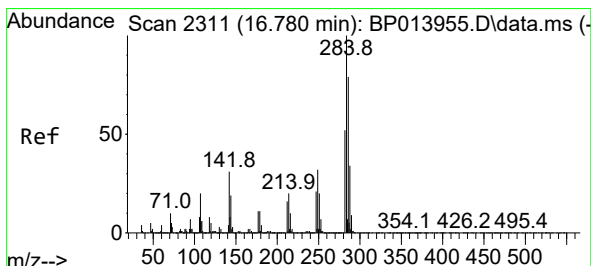
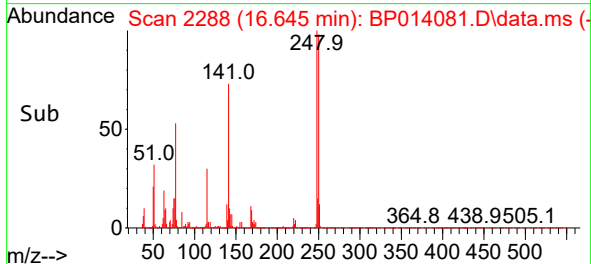
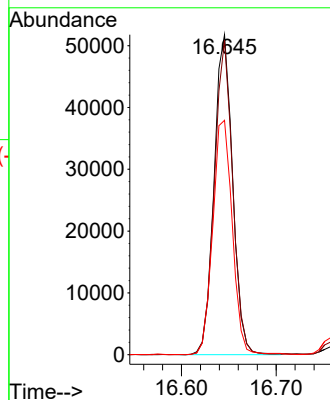
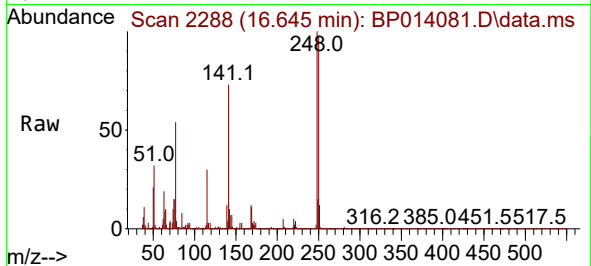




#67
4-Bromophenyl-phenylether
Concen: 5.930 ng
RT: 16.645 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP014081.D
Acq: 14 Mar 2023 13:24

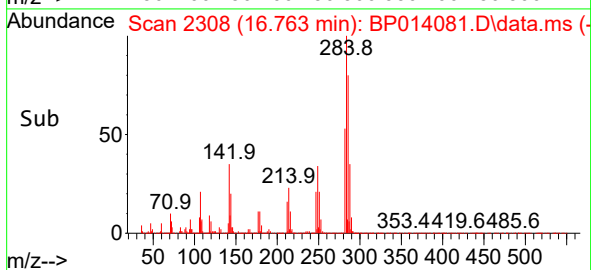
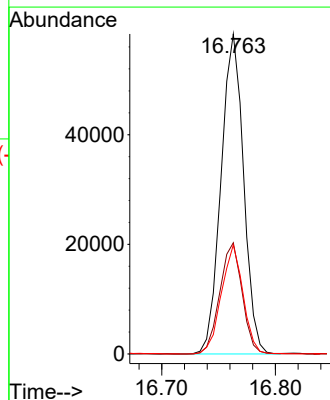
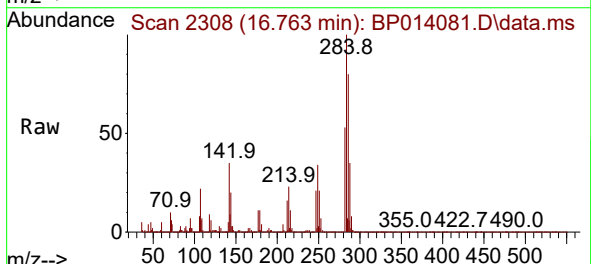
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2023

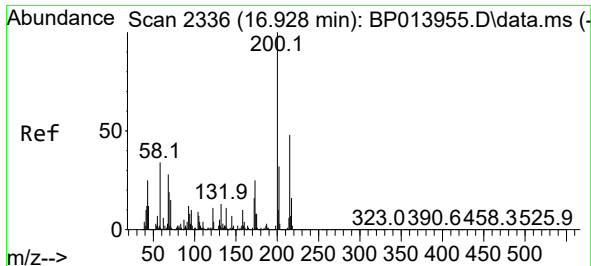
Tgt Ion:248 Resp: 70575
Ion Ratio Lower Upper
248 100
250 98.2 77.9 116.9
141 73.3 56.0 84.0



#68
Hexachlorobenzene
Concen: 6.309 ng
RT: 16.763 min Scan# 2308
Delta R.T. -0.006 min
Lab File: BP014081.D
Acq: 14 Mar 2023 13:24

Tgt Ion:284 Resp: 80479
Ion Ratio Lower Upper
284 100
142 34.8 24.8 37.2
249 34.1 25.7 38.5

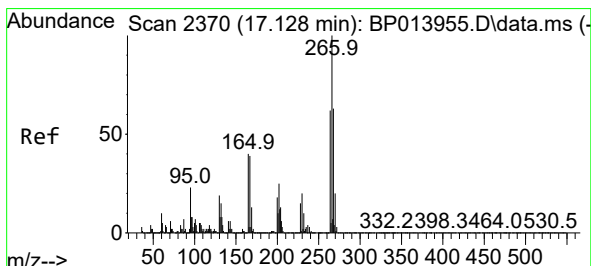
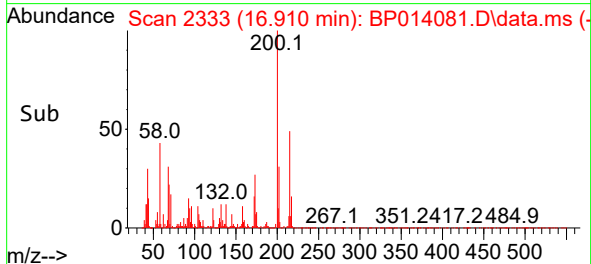
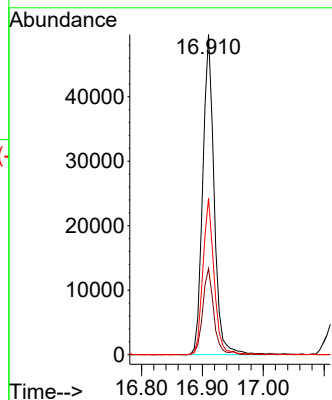
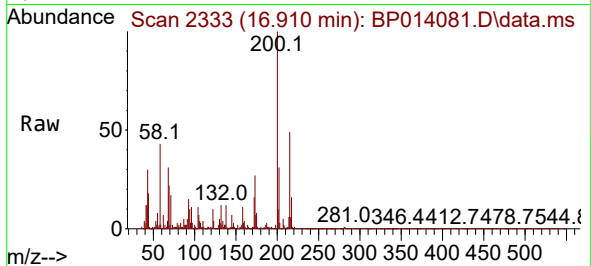




#69
Atrazine
Concen: 6.438 ng
RT: 16.910 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP014081.D
Acq: 14 Mar 2023 13:24

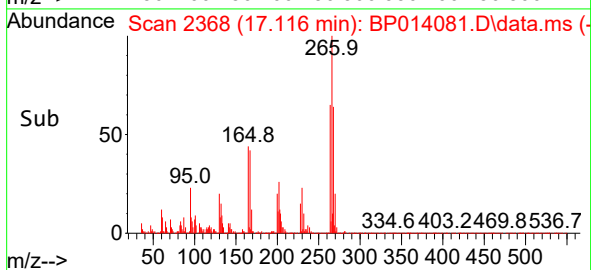
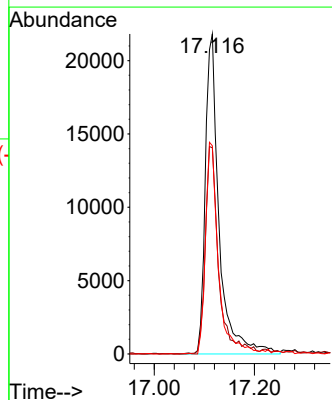
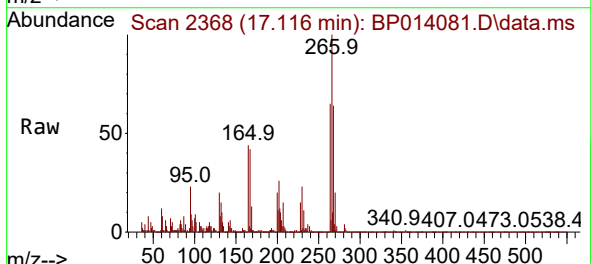
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2023

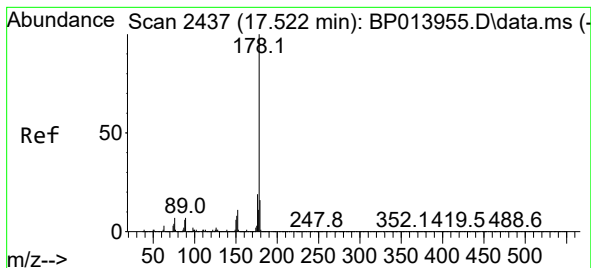
Tgt Ion:200 Resp: 64257
Ion Ratio Lower Upper
200 100
173 26.9 5.5 45.5
215 48.8 27.9 67.9



#70
Pentachlorophenol
Concen: 4.526 ng
RT: 17.116 min Scan# 2368
Delta R.T. 0.000 min
Lab File: BP014081.D
Acq: 14 Mar 2023 13:24

Tgt Ion:266 Resp: 41638
Ion Ratio Lower Upper
266 100
268 64.5 50.4 75.6
264 65.0 49.2 73.8





#71

Phenanthrene

Concen: 6.669 ng

RT: 17.504 min Scan# 2437

Delta R.T. -0.006 min

Lab File: BP014081.D

Acq: 14 Mar 2023 13:24

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT1-2023

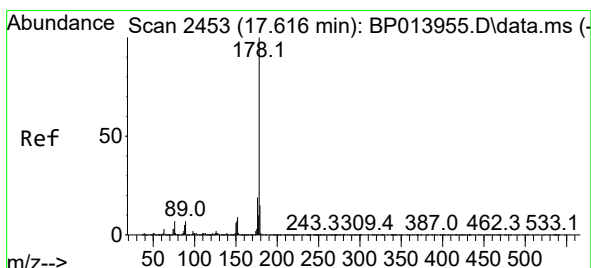
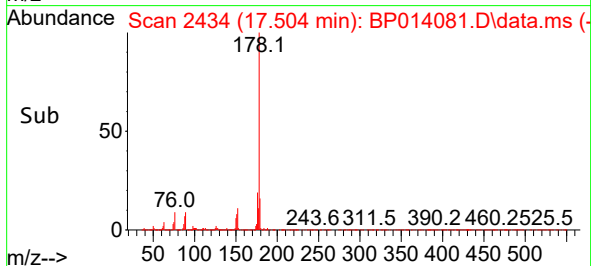
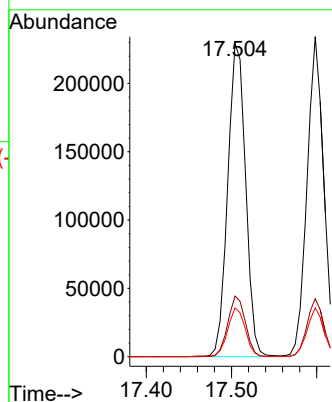
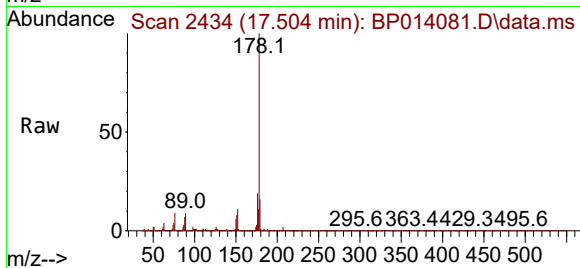
Tgt Ion:178 Resp: 335210

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

179 15.6 12.6 19.0



#72

Anthracene

Concen: 6.339 ng

RT: 17.598 min Scan# 2450

Delta R.T. -0.006 min

Lab File: BP014081.D

Acq: 14 Mar 2023 13:24

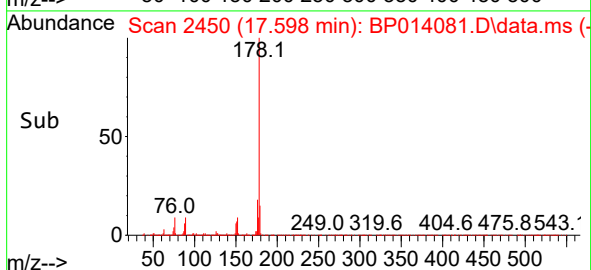
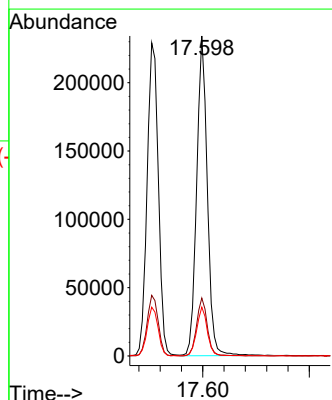
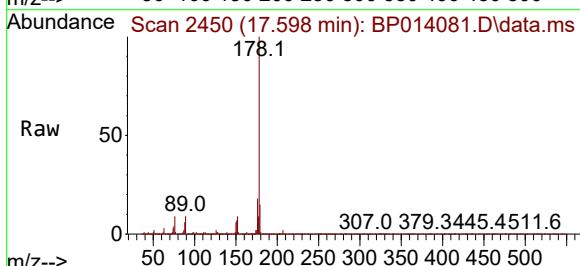
Tgt Ion:178 Resp: 325551

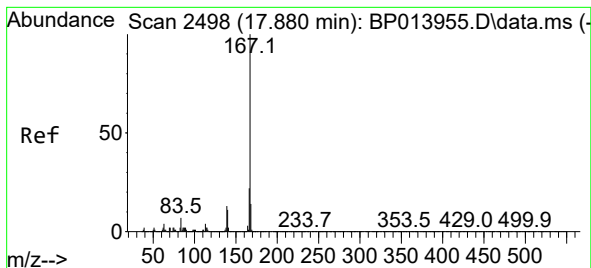
Ion Ratio Lower Upper

178 100

176 18.1 14.9 22.3

179 15.2 12.1 18.1





#73

Carbazole

Concen: 6.234 ng

RT: 17.869 min Scan# 2498

Delta R.T. 0.000 min

Lab File: BP014081.D

Acq: 14 Mar 2023 13:24

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT1-2023

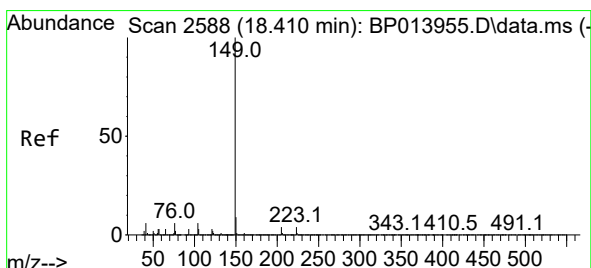
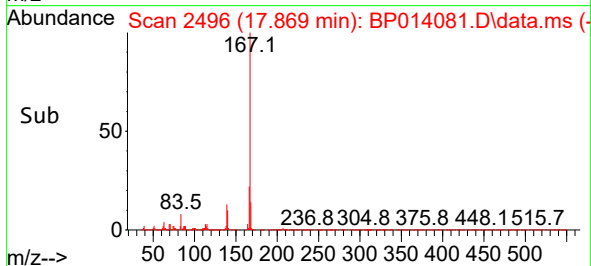
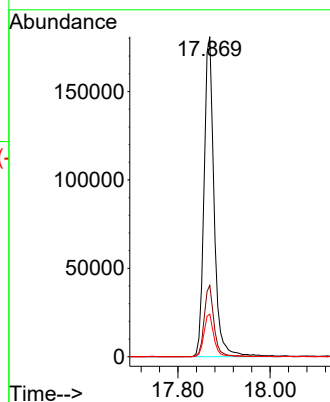
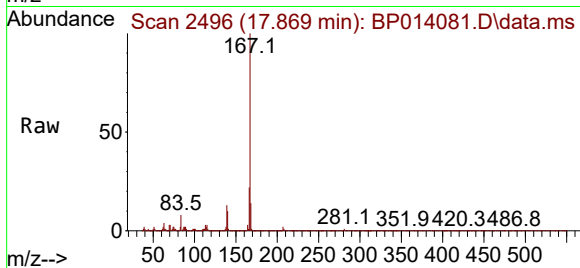
Tgt Ion:167 Resp: 276188

Ion Ratio Lower Upper

167 100

166 22.3 17.2 25.8

139 13.3 10.5 15.7



#74

Di-n-butylphthalate

Concen: 5.545 ng

RT: 18.398 min Scan# 2586

Delta R.T. 0.000 min

Lab File: BP014081.D

Acq: 14 Mar 2023 13:24

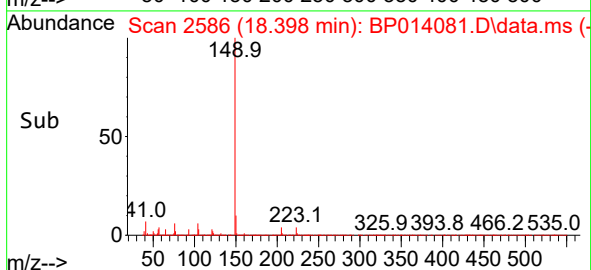
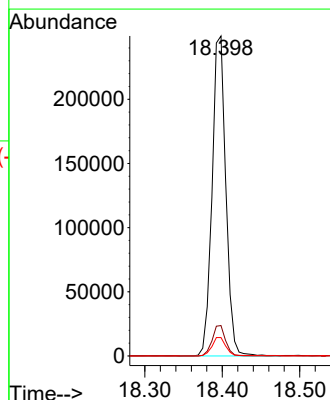
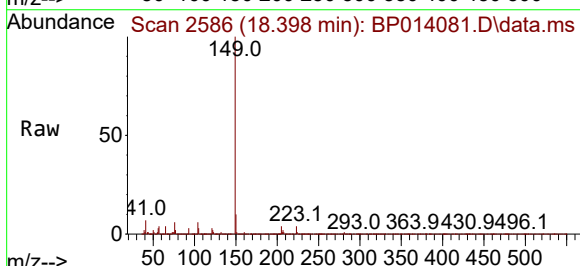
Tgt Ion:149 Resp: 307126

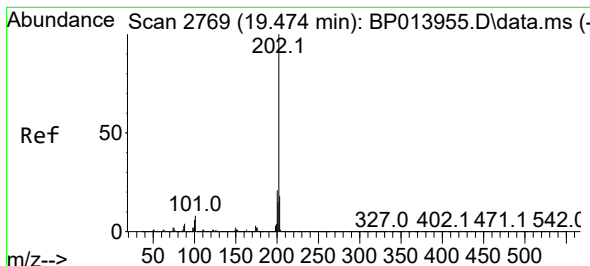
Ion Ratio Lower Upper

149 100

150 9.5 7.2 10.8

104 5.7 4.6 7.0





#75

Fluoranthene

Concen: 5.985 ng

RT: 19.463 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP014081.D

Acq: 14 Mar 2023 13:24

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT1-2023

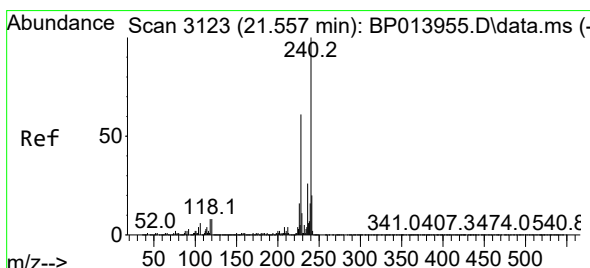
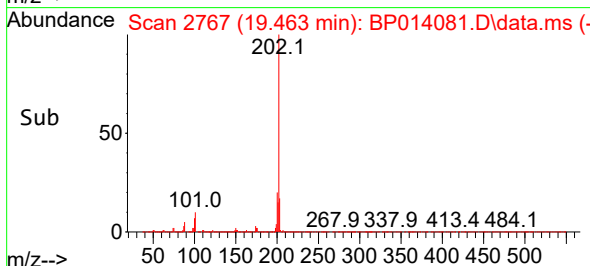
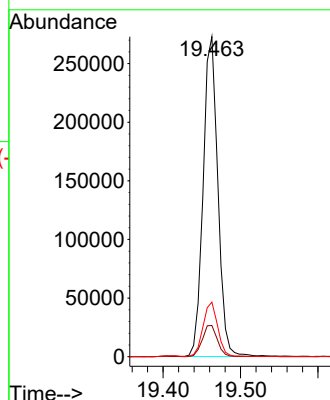
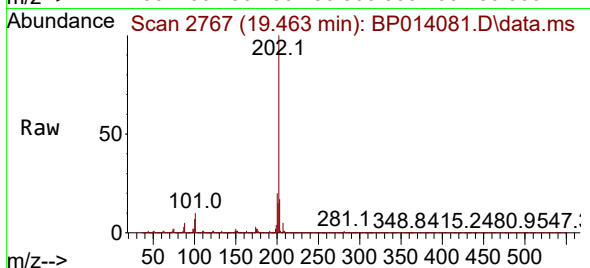
Tgt Ion:202 Resp: 359562

Ion Ratio Lower Upper

202 100

101 9.8 0.0 27.9

203 17.1 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: BP014081.D

Acq: 14 Mar 2023 13:24

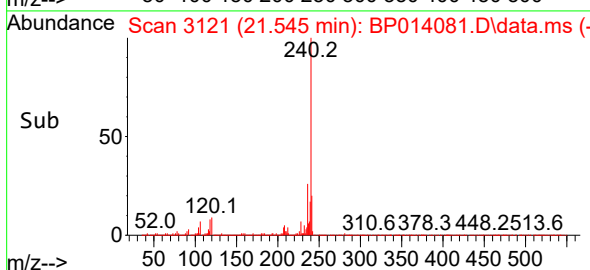
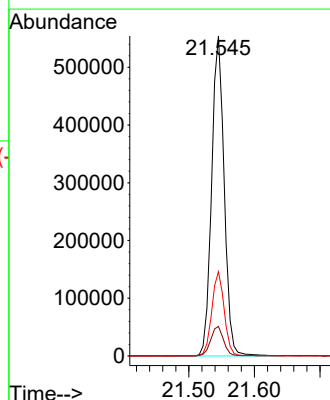
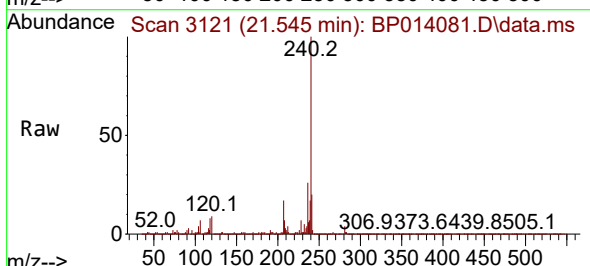
Tgt Ion:240 Resp: 737263

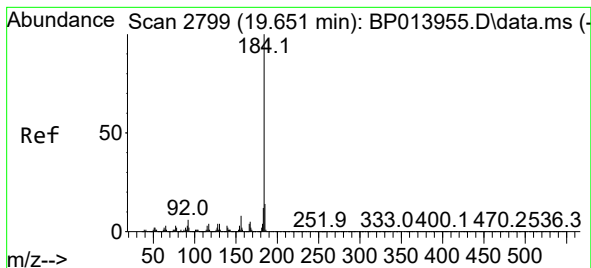
Ion Ratio Lower Upper

240 100

120 9.2 6.4 9.6

236 26.4 21.2 31.8





#77

Benzidine

Concen: 11.294 ng

RT: 19.639 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP014081.D

Acq: 14 Mar 2023 13:24

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT1-2023

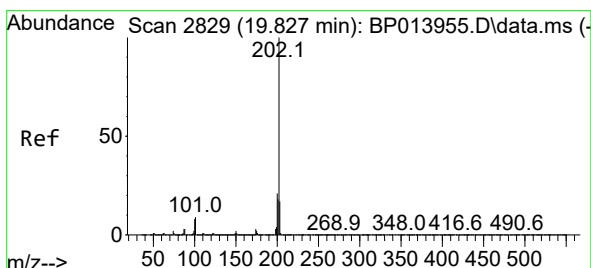
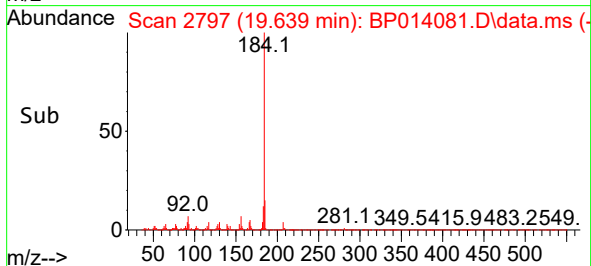
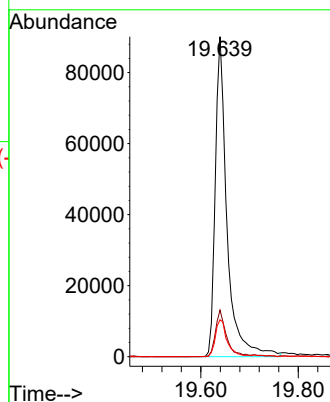
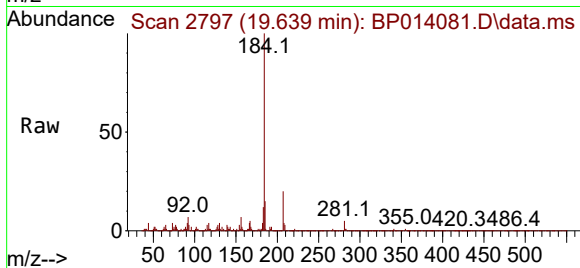
Tgt Ion:184 Resp: 150267

Ion Ratio Lower Upper

184 100

185 14.6 11.6 17.4

183 11.6 9.7 14.5



#78

Pyrene

Concen: 6.587 ng

RT: 19.816 min Scan# 2827

Delta R.T. 0.000 min

Lab File: BP014081.D

Acq: 14 Mar 2023 13:24

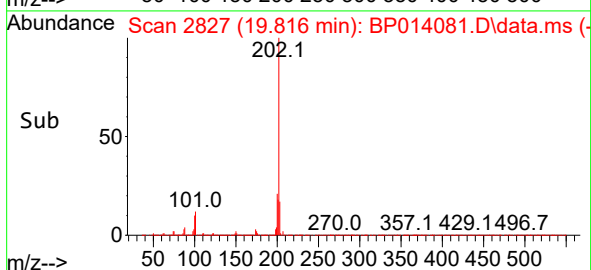
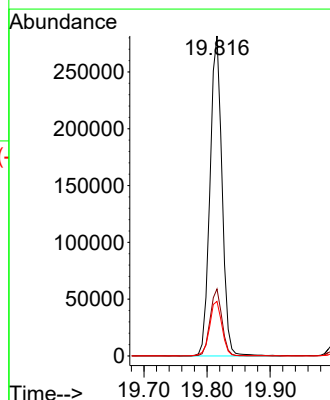
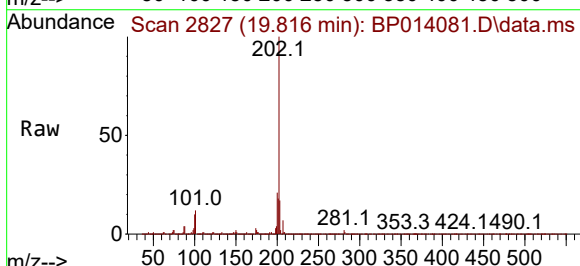
Tgt Ion:202 Resp: 372755

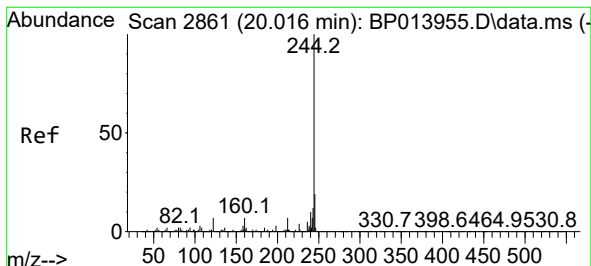
Ion Ratio Lower Upper

202 100

200 20.9 16.9 25.3

203 17.1 13.9 20.9





#79

Terphenyl-d14

Concen: 75.453 ng

RT: 20.004 min Scan# 2859

Delta R.T. 0.000 min

Lab File: BP014081.D

Acq: 14 Mar 2023 13:24

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT1-2023

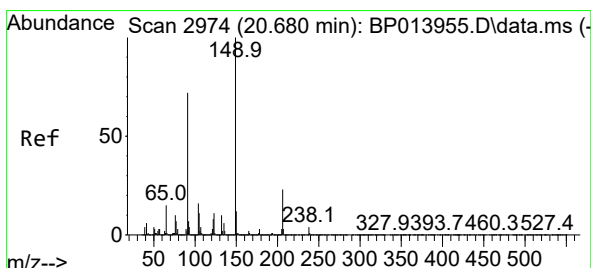
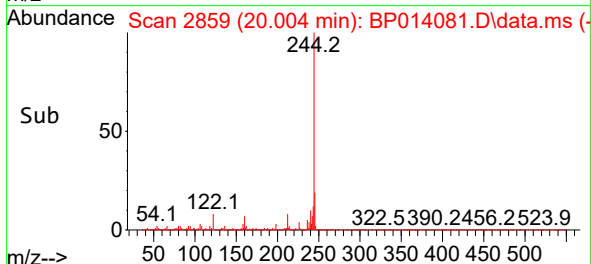
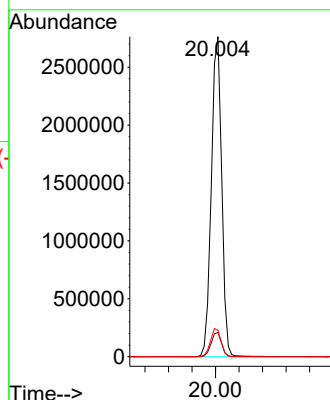
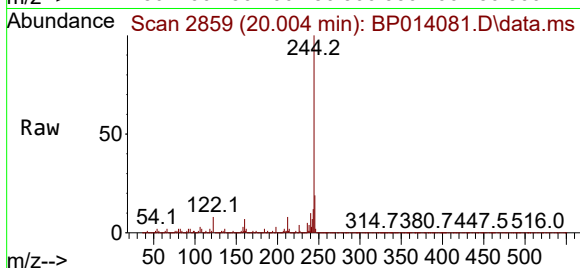
Tgt Ion:244 Resp: 3373592

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

122 8.3 5.8 8.6



#80

Butylbenzylphthalate

Concen: 5.254 ng

RT: 20.669 min Scan# 2972

Delta R.T. 0.000 min

Lab File: BP014081.D

Acq: 14 Mar 2023 13:24

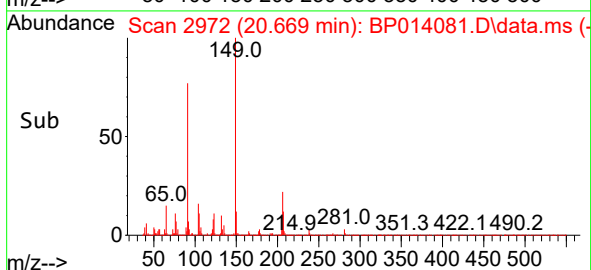
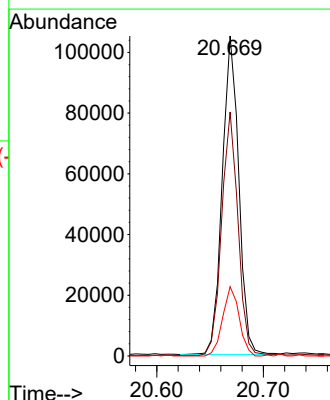
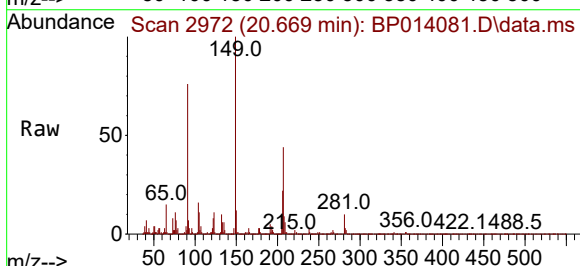
Tgt Ion:149 Resp: 112725

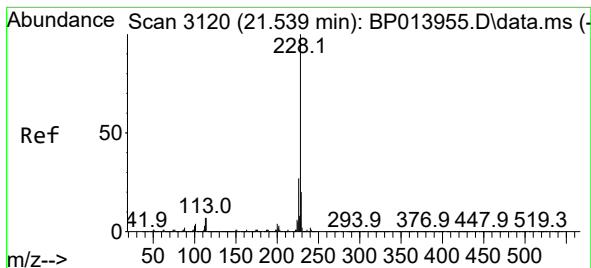
Ion Ratio Lower Upper

149 100

91 76.3 58.0 87.0

206 21.6 18.7 28.1





#81

Benzo(a)anthracene

Concen: 6.179 ng

RT: 21.527 min Scan# 3118

Delta R.T. 0.000 min

Lab File: BP014081.D

Acq: 14 Mar 2023 13:24

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT1-2023

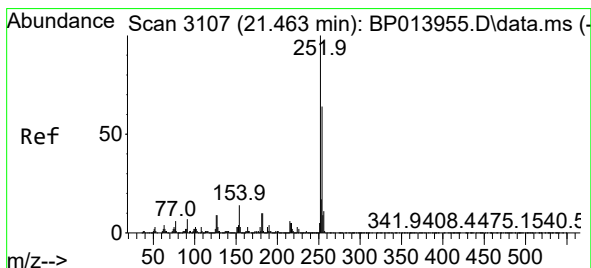
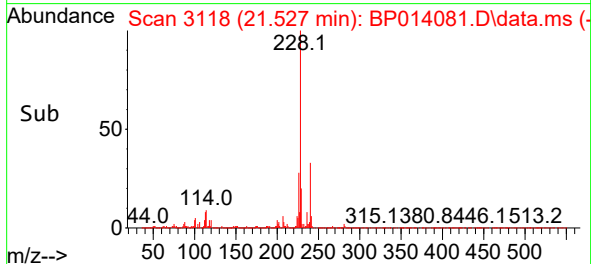
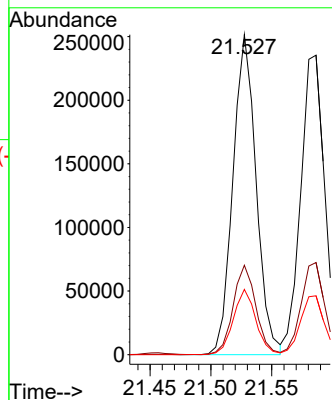
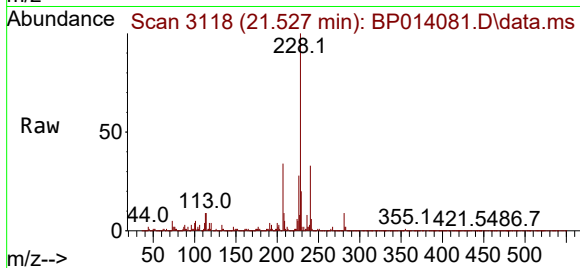
Tgt Ion:228 Resp: 334245

Ion Ratio Lower Upper

228 100

226 27.9 21.8 32.8

229 20.4 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 6.460 ng

RT: 21.457 min Scan# 3106

Delta R.T. 0.006 min

Lab File: BP014081.D

Acq: 14 Mar 2023 13:24

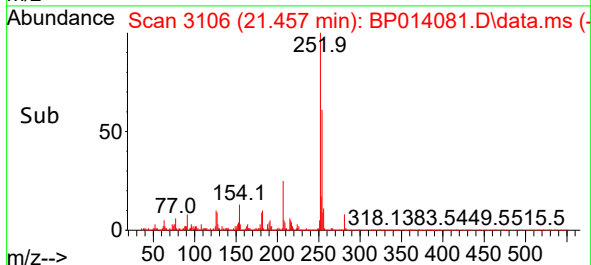
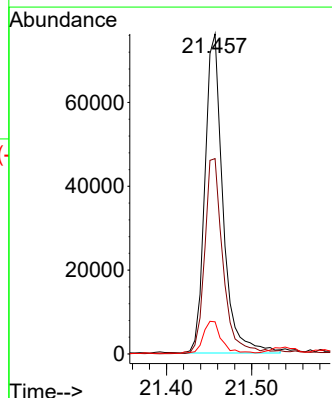
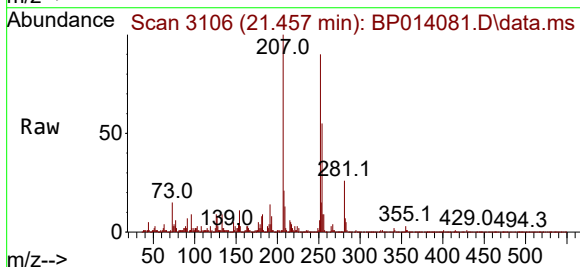
Tgt Ion:252 Resp: 111826

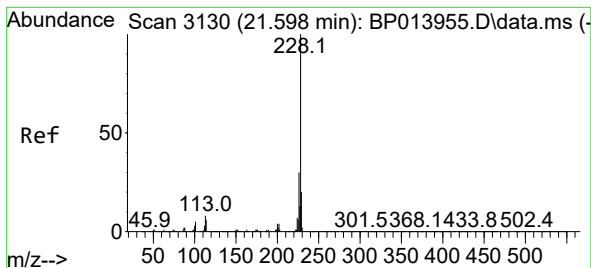
Ion Ratio Lower Upper

252 100

254 61.1 51.0 76.6

126 10.0 7.0 10.6





#83

Chrysene

Concen: 6.346 ng

RT: 21.586 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP014081.D

Acq: 14 Mar 2023 13:24

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT1-2023

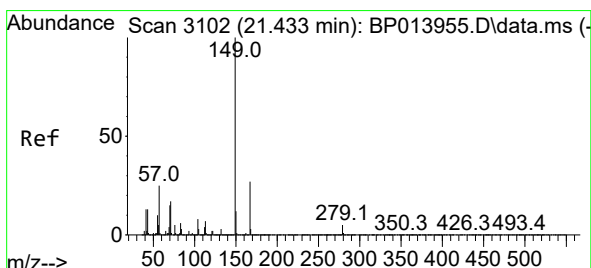
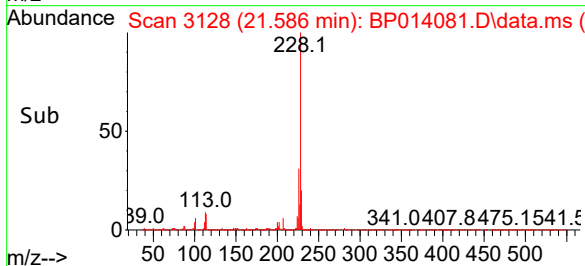
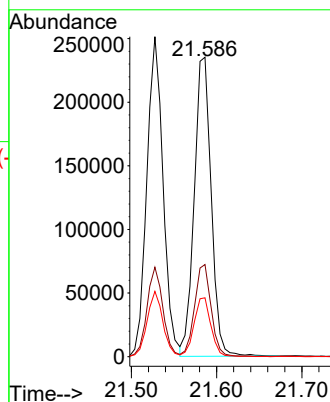
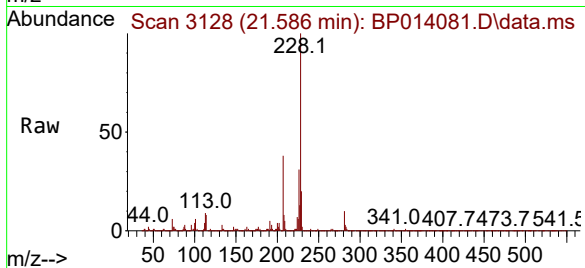
Tgt Ion:228 Resp: 325091

Ion Ratio Lower Upper

228 100

226 30.7 24.2 36.4

229 19.7 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.714 ng

RT: 21.422 min Scan# 3100

Delta R.T. 0.000 min

Lab File: BP014081.D

Acq: 14 Mar 2023 13:24

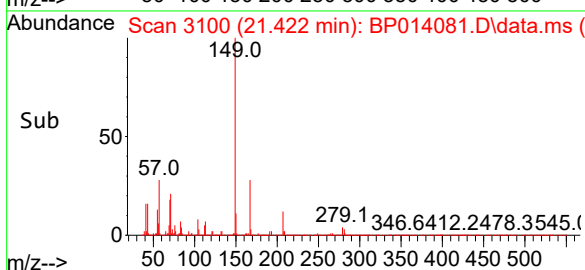
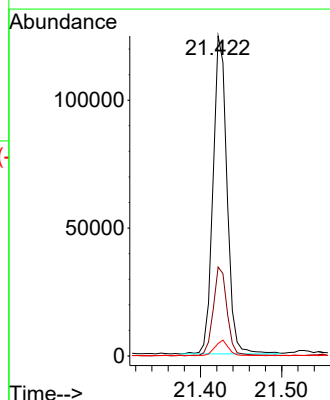
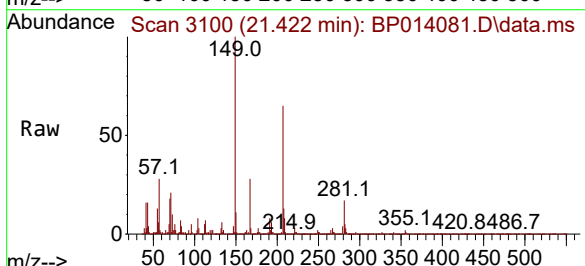
Tgt Ion:149 Resp: 148350

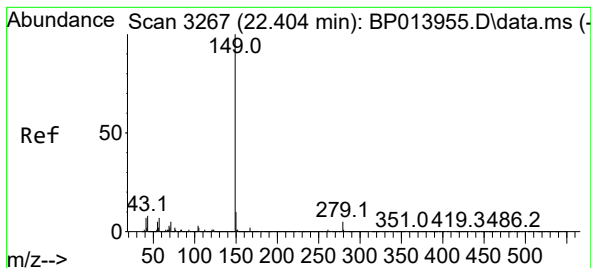
Ion Ratio Lower Upper

149 100

167 27.8 21.8 32.6

279 3.9 4.0 6.0#





#85

Di-n-octyl phthalate

Concen: 4.350 ng

RT: 22.392 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP014081.D

Acq: 14 Mar 2023 13:24

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT1-2023

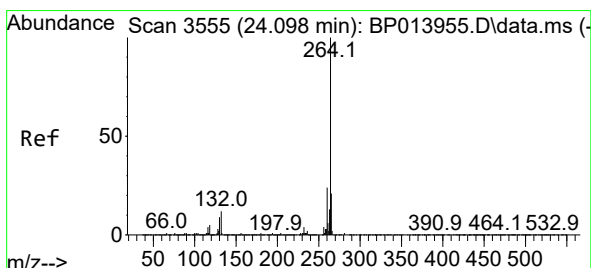
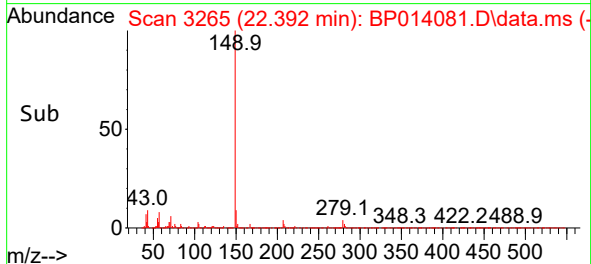
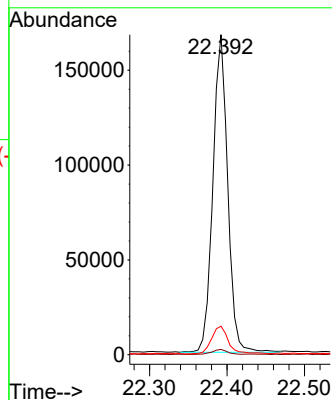
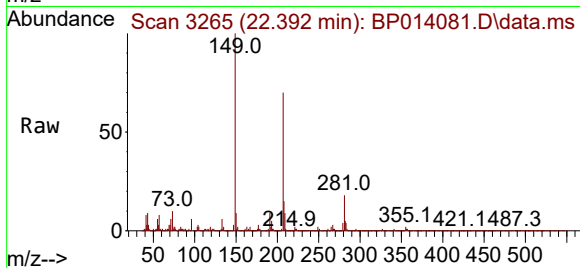
Tgt Ion:149 Resp: 222211

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 10.0 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: BP014081.D

Acq: 14 Mar 2023 13:24

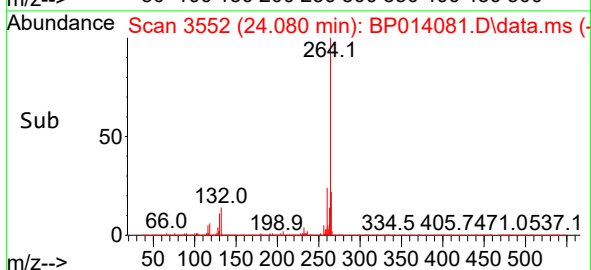
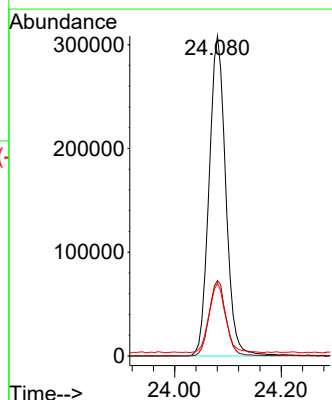
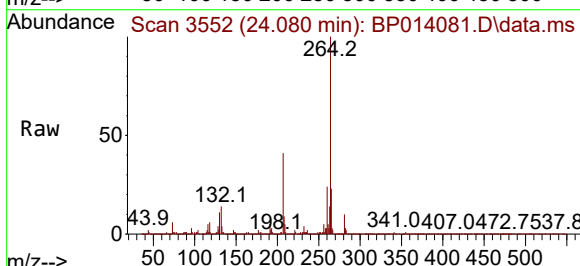
Tgt Ion:264 Resp: 669502

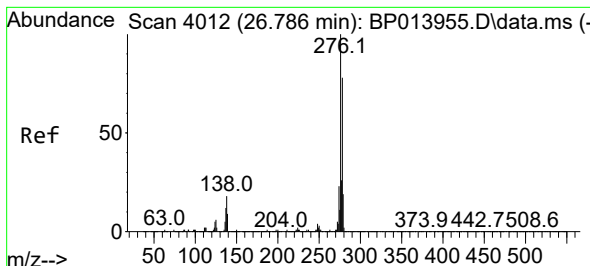
Ion Ratio Lower Upper

264 100

260 23.5 19.4 29.2

265 22.8 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 5.736 ng

RT: 26.745 min Scan# 4012

Delta R.T. -0.006 min

Lab File: BP014081.D

Acq: 14 Mar 2023 13:24

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT1-2023

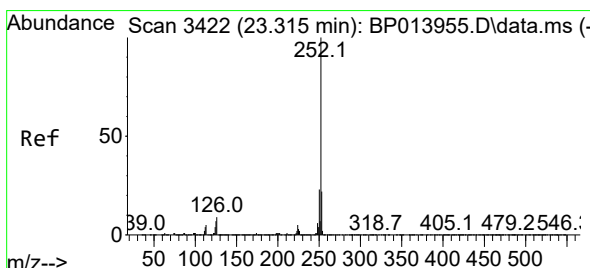
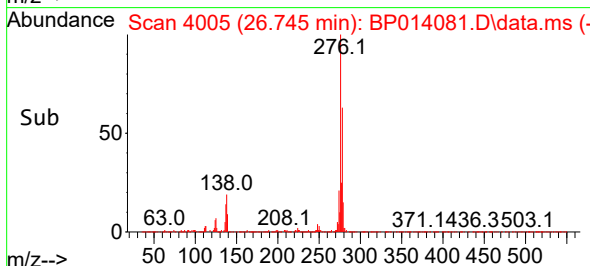
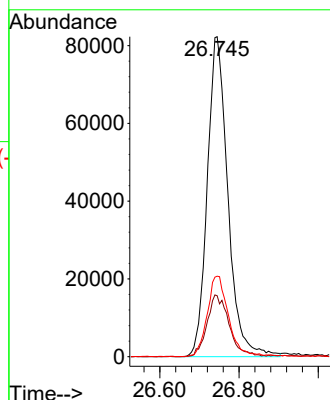
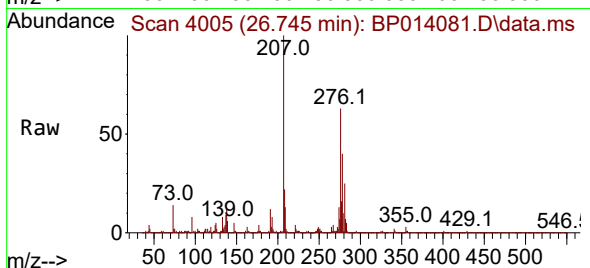
Tgt Ion:276 Resp: 296745

Ion Ratio Lower Upper

276 100

138 20.7 13.8 20.8

277 25.7 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 6.730 ng

RT: 23.351 min Scan# 3428

Delta R.T. 0.053 min

Lab File: BP014081.D

Acq: 14 Mar 2023 13:24

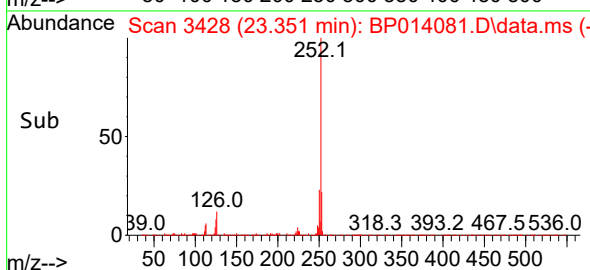
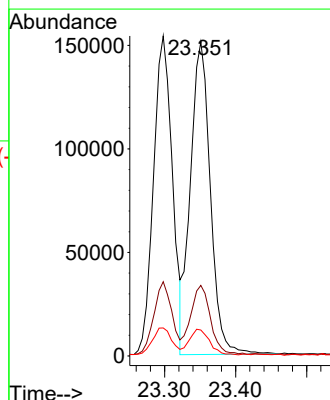
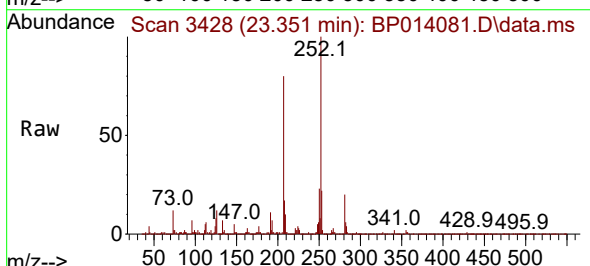
Tgt Ion:252 Resp: 295021

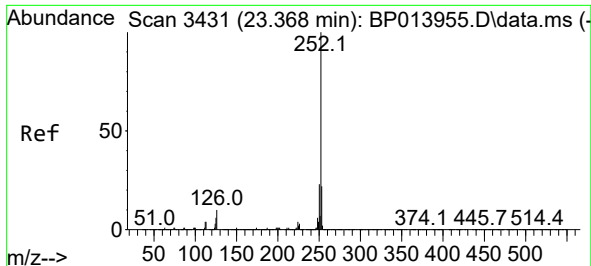
Ion Ratio Lower Upper

252 100

253 22.5 17.5 26.3

125 8.3 5.6 8.4

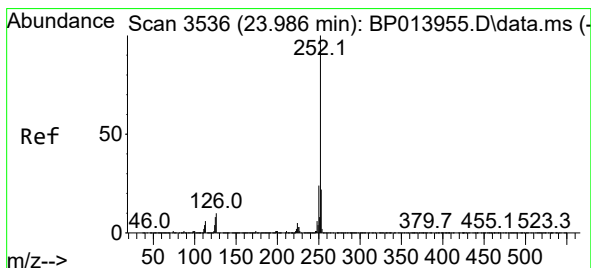
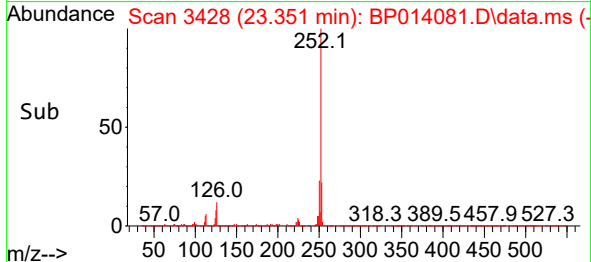
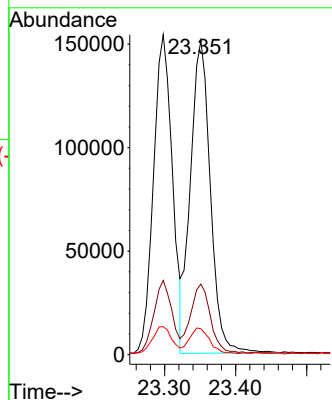
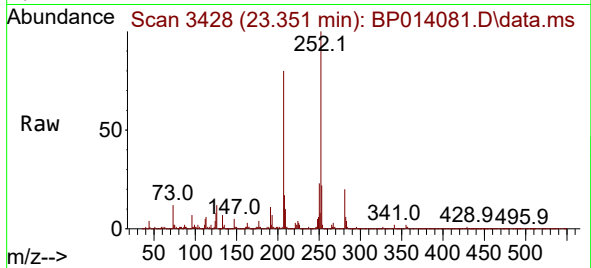




#89
Benzo(k)fluoranthene
Concen: 6.787 ng
RT: 23.351 min Scan# 34
Delta R.T. 0.000 min
Lab File: BP014081.D
Acq: 14 Mar 2023 13:24

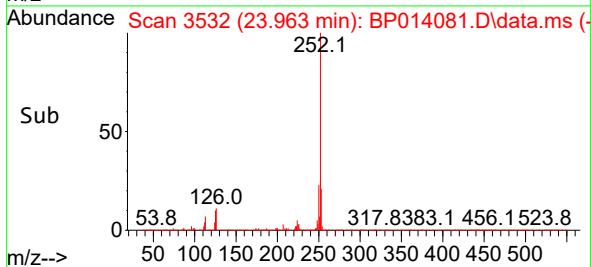
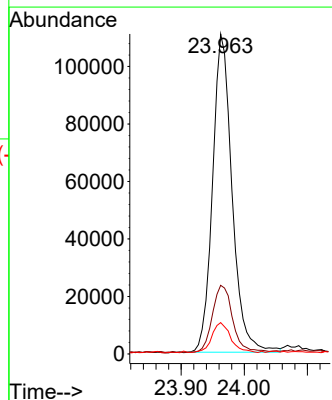
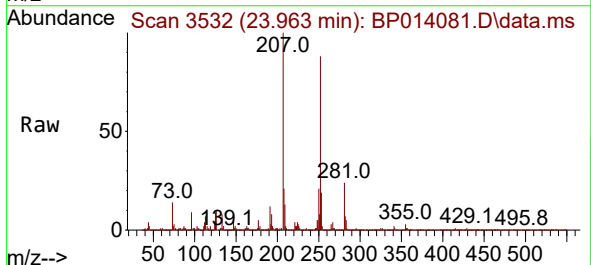
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2023

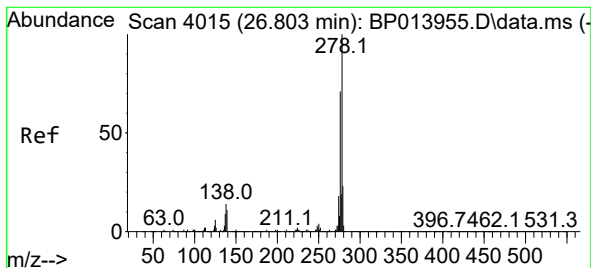
Tgt Ion:252 Resp: 295021
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.0
125 8.3 5.4 8.0#



#90
Benzo(a)pyrene
Concen: 5.687 ng
RT: 23.963 min Scan# 3532
Delta R.T. -0.006 min
Lab File: BP014081.D
Acq: 14 Mar 2023 13:24

Tgt Ion:252 Resp: 237814
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.2
125 9.8 6.2 9.4#





#91

Dibenzo(a,h)anthracene

Concen: 5.757 ng

RT: 26.762 min Scan# 4015

Delta R.T. 0.000 min

Lab File: BP014081.D

Acq: 14 Mar 2023 13:24

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT1-2023

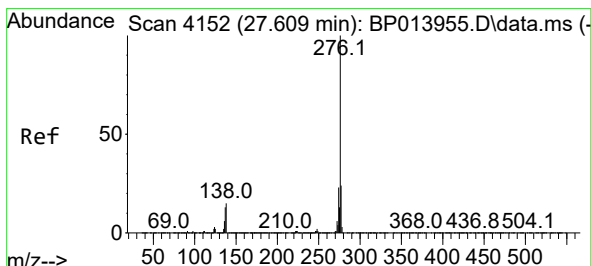
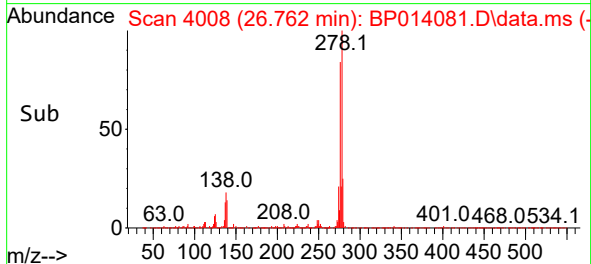
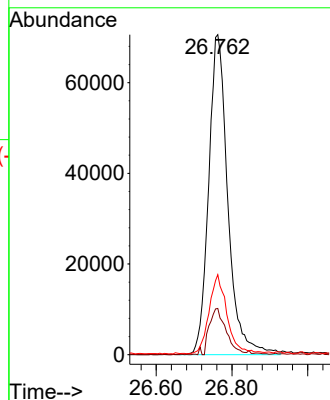
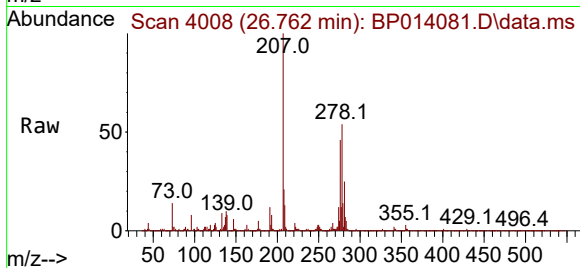
Tgt Ion:278 Resp: 247575

Ion Ratio Lower Upper

278 100

139 14.5 8.7 13.1#

279 25.0 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 5.762 ng

RT: 27.568 min Scan# 4145

Delta R.T. 0.000 min

Lab File: BP014081.D

Acq: 14 Mar 2023 13:24

Tgt Ion:276 Resp: 245570

Ion Ratio Lower Upper

276 100

277 25.1 19.4 29.0

138 17.3 12.2 18.4

