

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022025\
 Data File : BP024106.D
 Acq On : 20 Feb 2025 13:05
 Operator : RC/JU
 Sample : Q1168-09
 Misc : MDL-MDL-WATER 8PPM
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-03-QT1-2025

Quant Time: Feb 20 13:33:37 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 18 02:25:07 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.757	152	389228	20.000	ng	-0.03
21) Naphthalene-d8	10.534	136	1537093	20.000	ng	-0.02
39) Acenaphthene-d10	14.392	164	816694	20.000	ng	-0.02
64) Phenanthrene-d10	17.210	188	1358679	20.000	ng	0.00
76) Chrysene-d12	21.639	240	1269008	20.000	ng	-0.03
86) Perylene-d12	25.033	264	1221785	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	2766487	110.905	ng	-0.02
7) Phenol-d6	6.940	99	3640225	113.542	ng	-0.03
23) Nitrobenzene-d5	8.904	82	2588354	93.944	ng	-0.03
42) 2,4,6-Tribromophenol	15.910	330	1002230	100.187	ng	-0.01
45) 2-Fluorobiphenyl	12.998	172	5401385	92.460	ng	-0.03
79) Terphenyl-d14	19.927	244	5796587	90.385	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.316	88	102920	10.518	ng	99
3) Pyridine	3.716	79	237612	9.340	ng	98
4) n-Nitrosodimethylamine	3.616	42	86636	9.600	ng	# 98
6) Aniline	7.093	93	350653	11.943	ng	99
8) 2-Chlorophenol	7.334	128	260021	9.848	ng	96
9) Benzaldehyde	6.910	77	228043	15.579	ng	99
10) Phenol	6.963	94	326750	10.135	ng	96
11) bis(2-Chloroethyl)ether	7.187	93	257957	10.159	ng	100
12) 1,3-Dichlorobenzene	7.651	146	288338	9.941	ng	99
13) 1,4-Dichlorobenzene	7.793	146	295383	10.070	ng	99
14) 1,2-Dichlorobenzene	8.110	146	282732	10.043	ng	99
15) Benzyl Alcohol	7.998	79	195922	9.983	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.275	45	274668	11.143	ng	98
17) 2-Methylphenol	8.198	107	187812	9.560	ng	99
18) Hexachloroethane	8.828	117	105344	9.972	ng	96
19) n-Nitroso-di-n-propyla...	8.557	70	173136	10.044	ng	99
20) 3+4-Methylphenols	8.528	107	253831	9.497	ng	96
22) Acetophenone	8.575	105	391786	9.919	ng	# 99
24) Nitrobenzene	8.945	77	283037	10.438	ng	99
25) Isophorone	9.469	82	428271	9.505	ng	99
26) 2-Nitrophenol	9.651	139	102988	8.244	ng	96
27) 2,4-Dimethylphenol	9.716	122	135158	8.242	ng	99
28) bis(2-Chloroethoxy)met...	9.945	93	308242	9.444	ng	99
29) 2,4-Dichlorophenol	10.187	162	193563	8.649	ng	98
30) 1,2,4-Trichlorobenzene	10.398	180	238644	9.307	ng	99
31) Naphthalene	10.587	128	794734	9.616	ng	99
32) Benzoic acid	9.804	122	84306	11.624	ng	97
33) 4-Chloroaniline	10.692	127	284695	9.778	ng	98
34) Hexachlorobutadiene	10.875	225	140483	9.459	ng	99
35) Caprolactam	11.469	113	44629	10.807	ng	93
36) 4-Chloro-3-methylphenol	11.828	107	185874	8.080	ng	96
37) 2-Methylnaphthalene	12.198	142	510248	9.289	ng	100
38) 1-Methylnaphthalene	12.422	142	474252	8.874	ng	99
40) 1,2,4,5-Tetrachloroben...	12.569	216	247045	9.845	ng	99
41) Hexachlorocyclopentadiene	12.551	237	82971	8.886	ng	100
43) 2,4,6-Trichlorophenol	12.816	196	129330	8.451	ng	97

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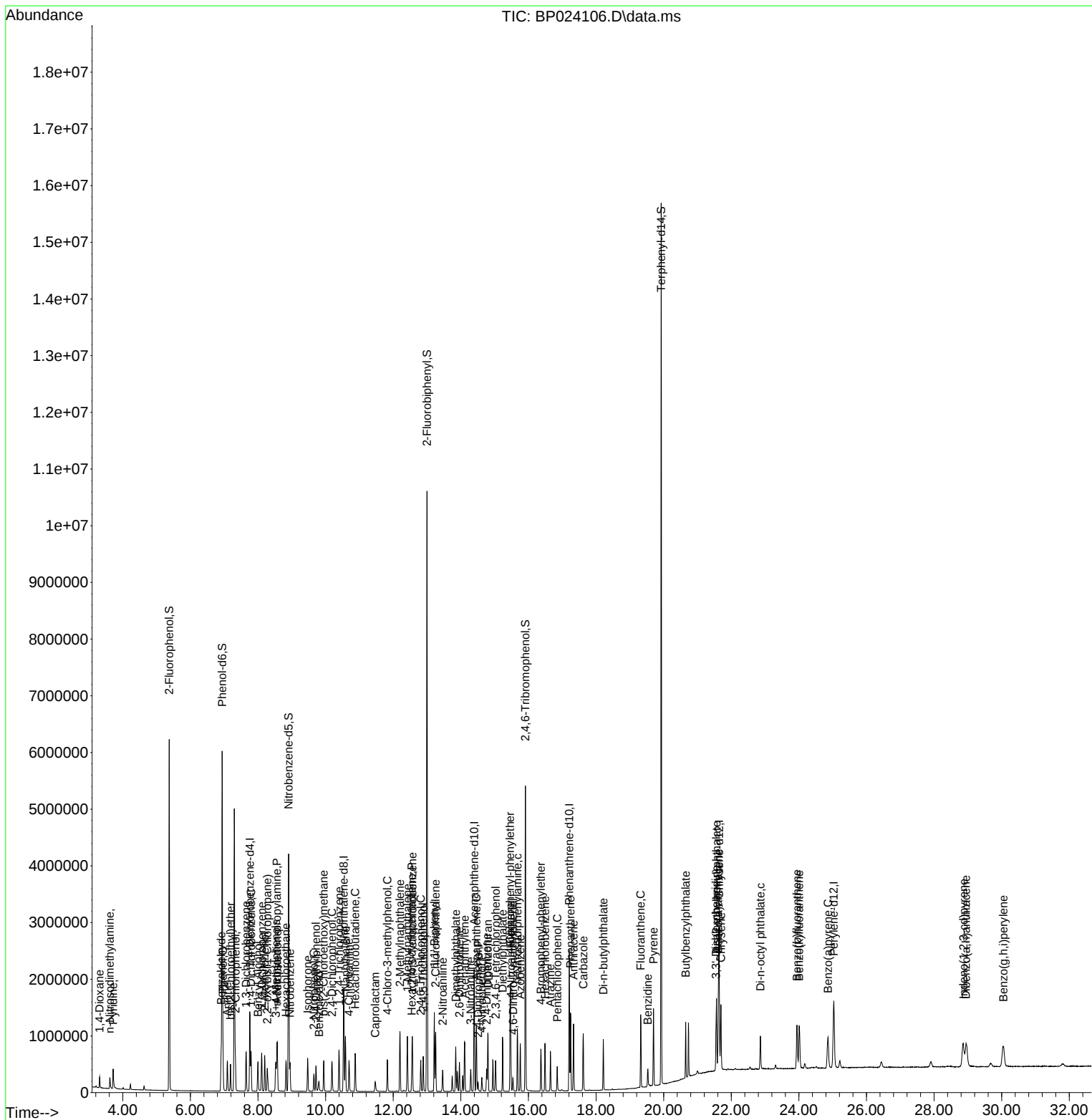
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 MDL-WATER-03-QT1-2025

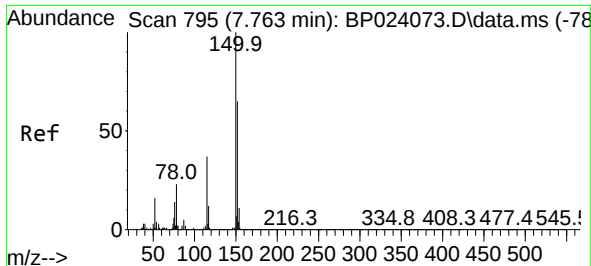
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 18 02:25:07 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.886	196	143242	8.559	ng	97
46) 1,1'-Biphenyl	13.216	154	643326	10.137	ng	99
47) 2-Chloronaphthalene	13.257	162	483545	10.079	ng	99
48) 2-Nitroaniline	13.463	65	97922	8.641	ng	97
49) Acenaphthylene	14.116	152	688154	9.736	ng	99
50) Dimethylphthalate	13.851	163	509751	8.849	ng	99
51) 2,6-Dinitrotoluene	13.957	165	100200	8.539	ng	94
52) Acenaphthene	14.463	154	437233	9.606	ng	99
53) 3-Nitroaniline	14.292	138	103675	8.279	ng #	95
54) 2,4-Dinitrophenol	14.510	184	33609	11.701	ng	96
55) Dibenzofuran	14.798	168	681961	9.223	ng	99
56) 4-Nitrophenol	14.622	139	70413	6.510	ng	97
57) 2,4-Dinitrotoluene	14.763	165	116209	7.623	ng	90
58) Fluorene	15.469	166	517233	8.957	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.033	232	114715	7.900	ng	99
60) Diethylphthalate	15.233	149	473565	8.281	ng	98
61) 4-Chlorophenyl-phenyle...	15.457	204	249986	8.795	ng	99
62) 4-Nitroaniline	15.480	138	99923	9.566	ng	95
63) Azobenzene	15.757	77	469667	8.764	ng	96
65) 4,6-Dinitro-2-methylph...	15.545	198	50909	11.112	ng	98
66) n-Nitrosodiphenylamine	15.674	169	411892	9.721	ng	100
67) 4-Bromophenyl-phenylether	16.369	248	140559	9.213	ng	99
68) Hexachlorobenzene	16.492	284	171172	9.535	ng	100
69) Atrazine	16.651	200	117114	10.771	ng	98
70) Pentachlorophenol	16.851	266	72298	6.200	ng	97
71) Phenanthrene	17.245	178	758548	9.903	ng	99
72) Anthracene	17.333	178	682885	9.303	ng	99
73) Carbazole	17.621	167	629063	8.994	ng	100
74) Di-n-butylphthalate	18.216	149	647722	7.937	ng	99
75) Fluoranthene	19.321	202	755002	8.714	ng	99
77) Benzidine	19.533	184	215110	13.911	ng	99
78) Pyrene	19.698	202	811764	10.071	ng	99
80) Butylbenzylphthalate	20.651	149	250152	8.099	ng	97
81) Benzo(a)anthracene	21.615	228	764523	9.608	ng	99
82) 3,3'-Dichlorobenzidine	21.551	252	224922	9.046	ng	98
83) Chrysene	21.698	228	742400	9.675	ng	98
84) Bis(2-ethylhexyl)phtha...	21.562	149	370233	7.904	ng	98
85) Di-n-octyl phthalate	22.862	149	494443	6.604	ng	99
87) Indeno(1,2,3-cd)pyrene	28.868	276	707891	8.144	ng #	92
88) Benzo(b)fluoranthene	23.945	252	711452	9.170	ng	99
89) Benzo(k)fluoranthene	24.009	252	728173	9.642	ng	98
90) Benzo(a)pyrene	24.862	252	635517	9.652	ng	98
91) Dibenzo(a,h)anthracene	28.944	278	709576	9.709	ng	99
92) Benzo(g,h,i)perylene	30.050	276	668463	9.014	ng	99

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

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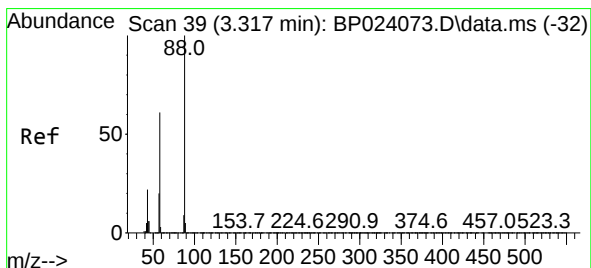
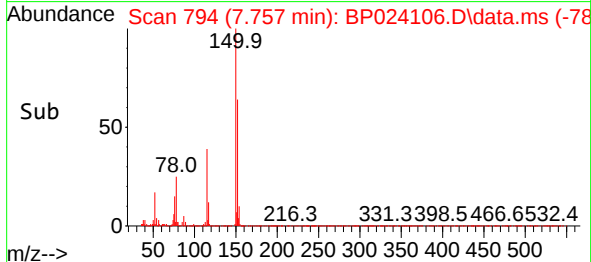
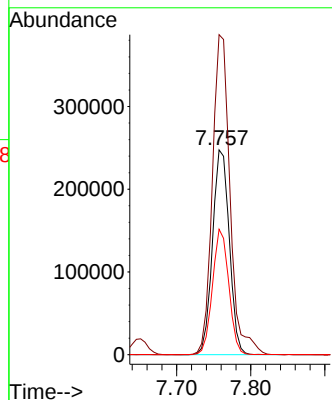
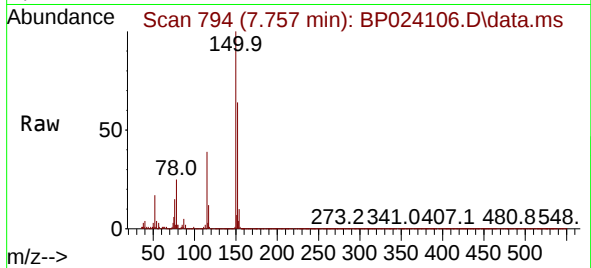




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.757 min Scan# 795
 Delta R.T. -0.026 min
 Lab File: BP024106.D
 Acq: 20 Feb 2025 13:05

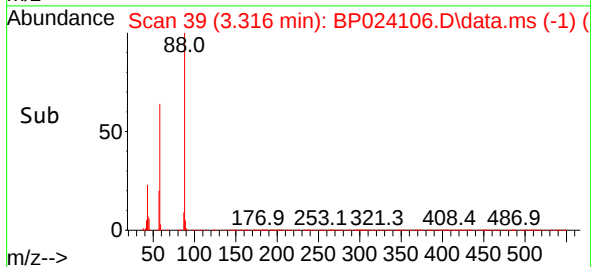
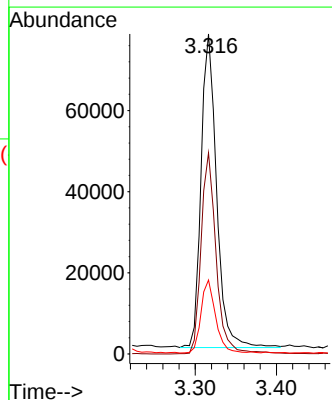
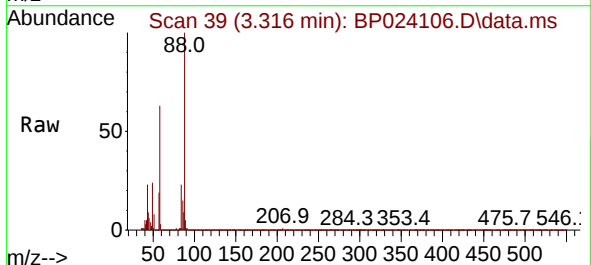
Instrument :
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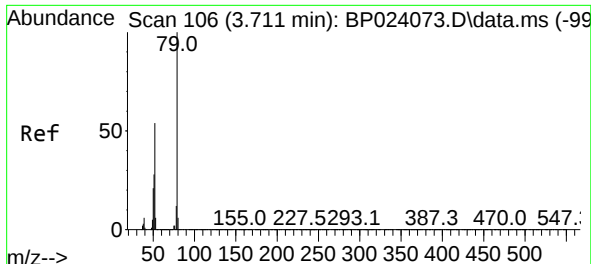
Tgt Ion:152 Resp: 389228
 Ion Ratio Lower Upper
 152 100
 150 156.2 122.4 183.6
 115 61.2 45.0 67.6



#2
 1,4-Dioxane
 Concen: 10.518 ng
 RT: 3.316 min Scan# 39
 Delta R.T. -0.020 min
 Lab File: BP024106.D
 Acq: 20 Feb 2025 13:05

Tgt Ion: 88 Resp: 102920
 Ion Ratio Lower Upper
 88 100
 58 62.5 49.1 73.7
 43 22.1 18.0 27.0

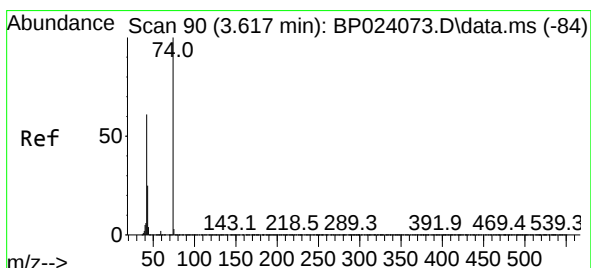
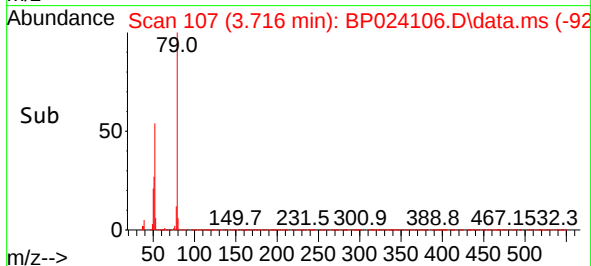
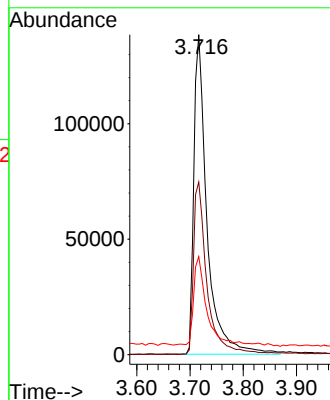
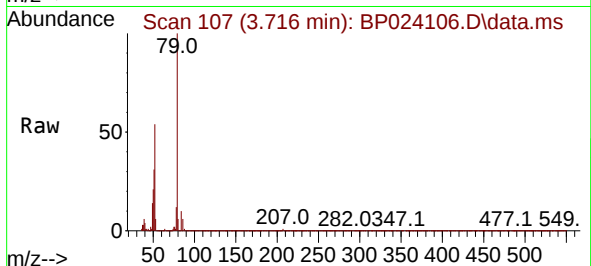




#3
Pyridine
Concen: 9.340 ng
RT: 3.716 min Scan# 10
Delta R.T. -0.014 min
Lab File: BP024106.D
Acq: 20 Feb 2025 13:05

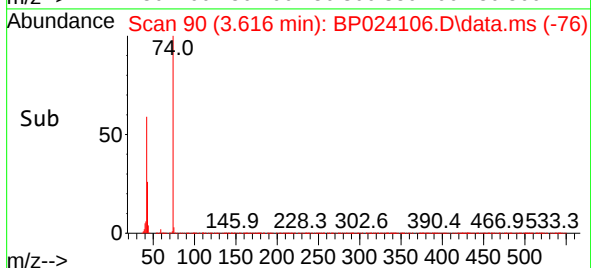
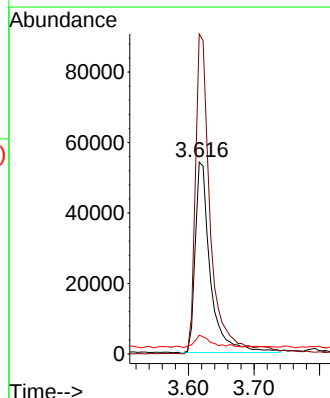
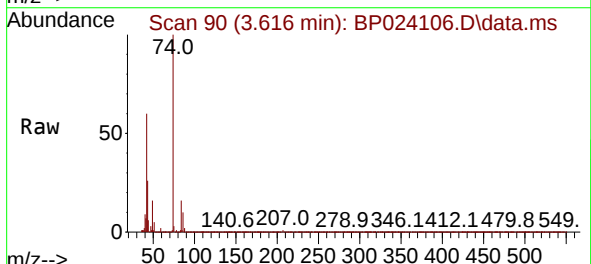
Instrument :
BNA_P
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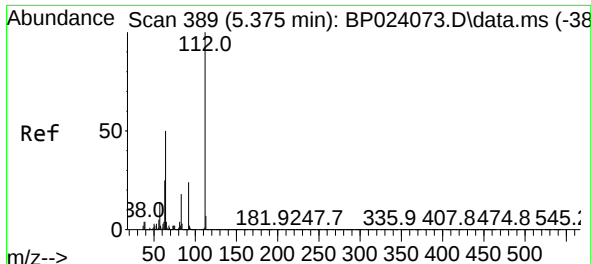
Tgt Ion: 79 Resp: 237612
Ion Ratio Lower Upper
79 100
52 54.0 43.5 65.3
51 30.7 22.2 33.4



#4
n-Nitrosodimethylamine
Concen: 9.600 ng
RT: 3.616 min Scan# 90
Delta R.T. -0.020 min
Lab File: BP024106.D
Acq: 20 Feb 2025 13:05

Tgt Ion: 42 Resp: 86636
Ion Ratio Lower Upper
42 100
74 166.8 132.0 198.0
44 9.9 5.3 7.9

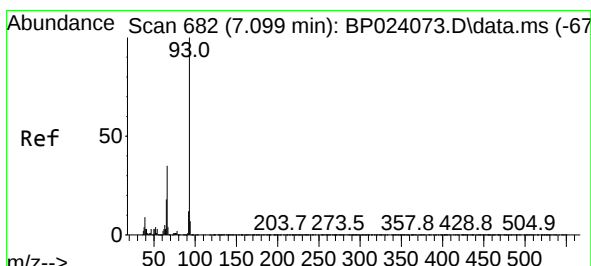
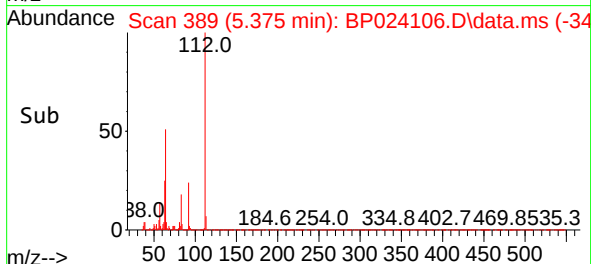
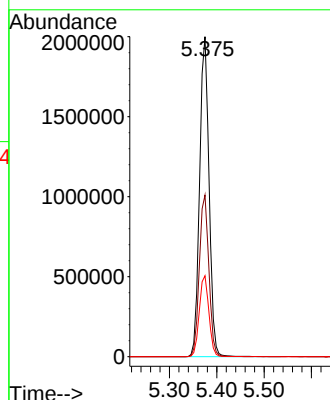
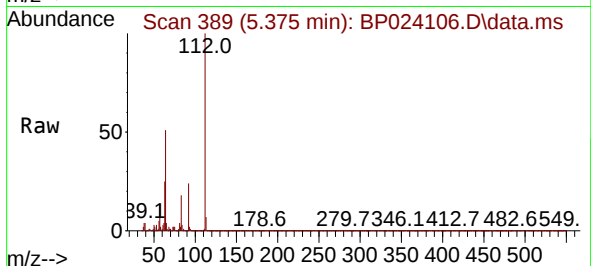




#5
2-Fluorophenol
Concen: 110.905 ng
RT: 5.375 min Scan# 389
Delta R.T. -0.020 min
Lab File: BP024106.D
Acq: 20 Feb 2025 13:05

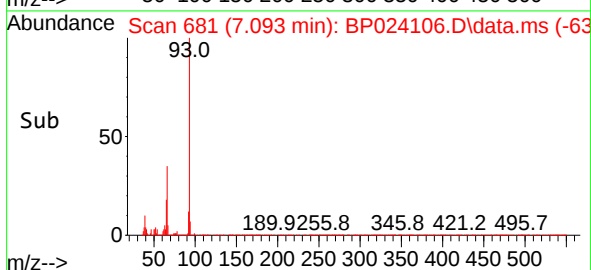
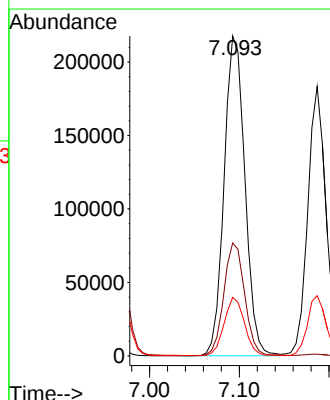
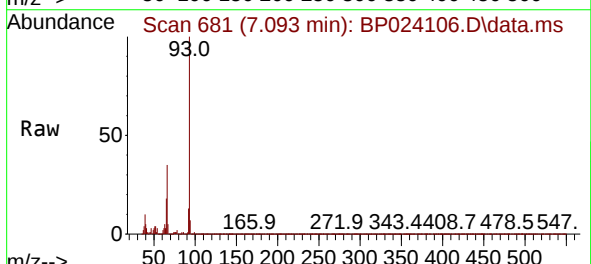
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2025

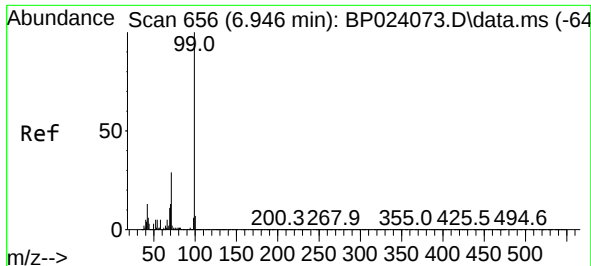
Tgt Ion:112 Resp: 2766487
Ion Ratio Lower Upper
112 100
64 50.5 39.6 59.4
63 25.3 20.3 30.5



#6
Aniline
Concen: 11.943 ng
RT: 7.093 min Scan# 681
Delta R.T. -0.026 min
Lab File: BP024106.D
Acq: 20 Feb 2025 13:05

Tgt Ion: 93 Resp: 350653
Ion Ratio Lower Upper
93 100
66 35.3 28.2 42.4
65 18.4 14.1 21.1





#7

Phenol-d6

Concen: 113.542 ng

RT: 6.940 min Scan# 656

Delta R.T. -0.026 min

Lab File: BP024106.D

Acq: 20 Feb 2025 13:05

Instrument :

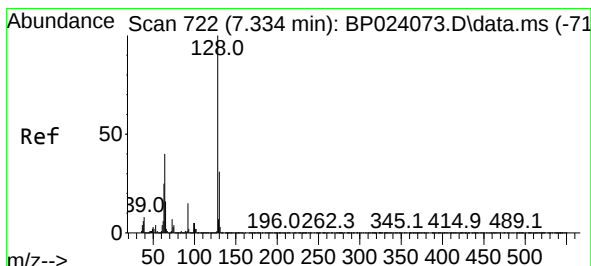
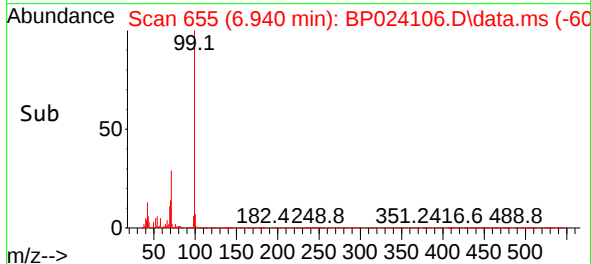
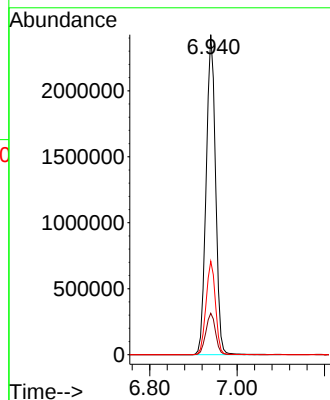
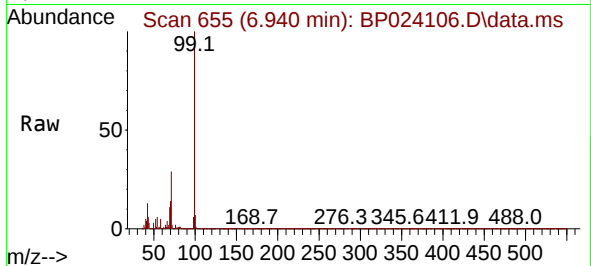
BNA_P

ClientSampleId :

MDL-WATER-03-QT1-2025

Tgt Ion: 99 Resp: 3640225

Ion	Ratio	Lower	Upper
99	100		
42	13.0	10.3	15.5
71	29.2	22.9	34.3



#8

2-Chlorophenol

Concen: 9.848 ng

RT: 7.334 min Scan# 722

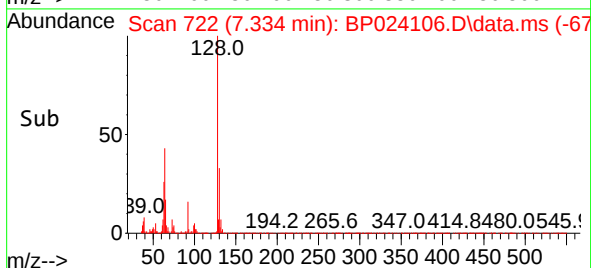
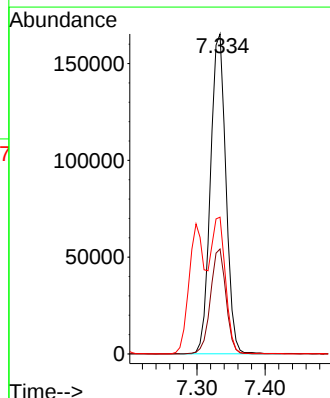
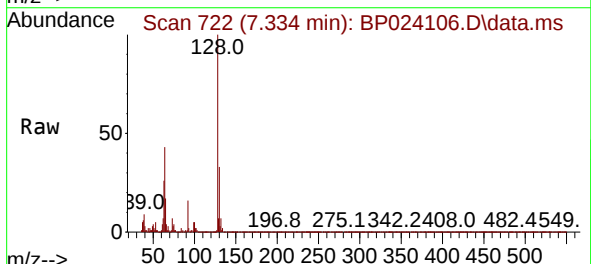
Delta R.T. -0.020 min

Lab File: BP024106.D

Acq: 20 Feb 2025 13:05

Tgt Ion:128 Resp: 260021

Ion	Ratio	Lower	Upper
128	100		
130	32.8	11.5	51.5
64	42.8	19.8	59.8

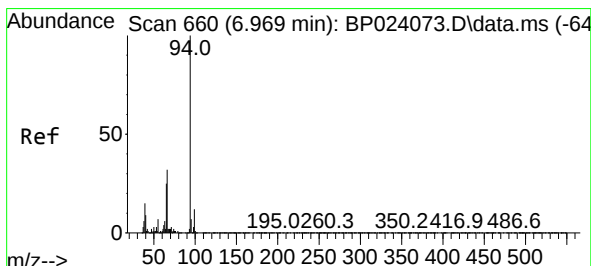
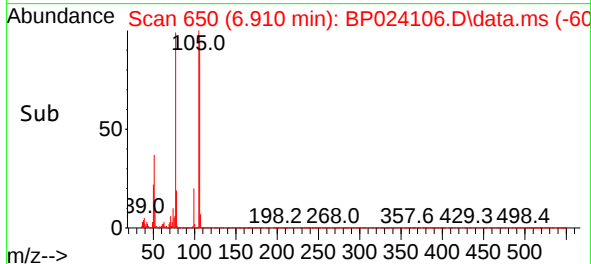
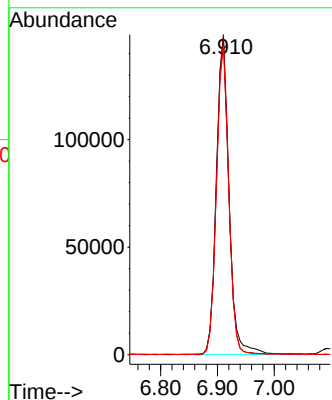
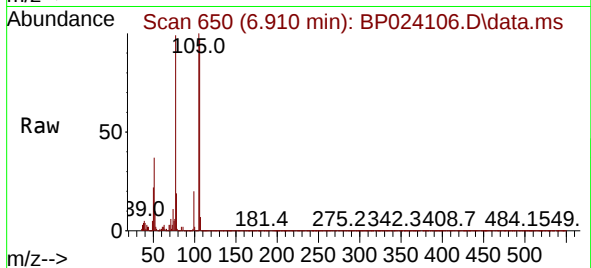




#9
Benzaldehyde
Concen: 15.579 ng
RT: 6.910 min Scan# 610
Delta R.T. -0.020 min
Lab File: BP024106.D
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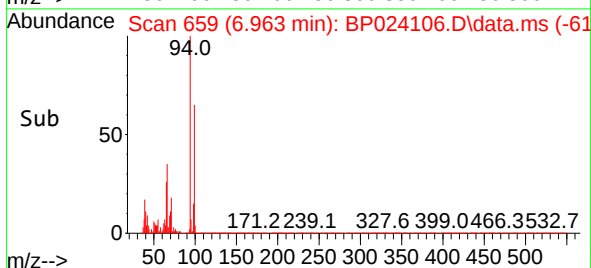
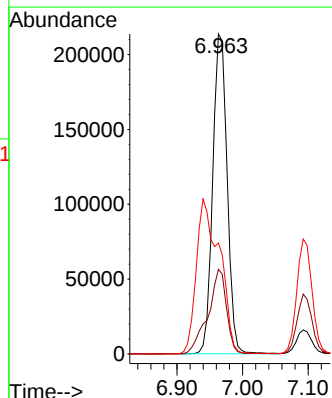
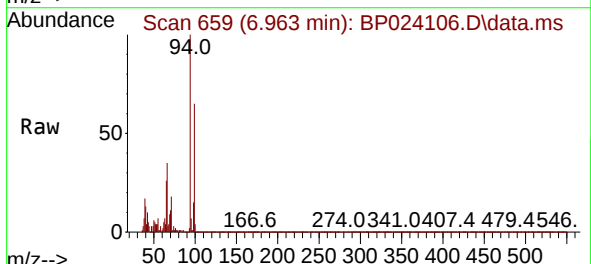
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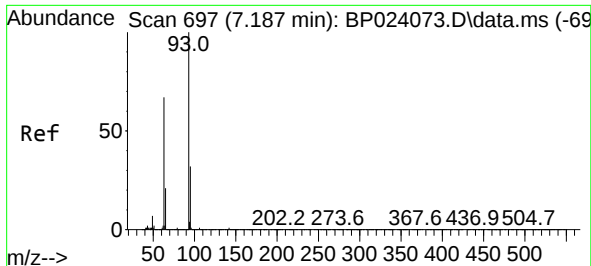
Tgt Ion: 77 Resp: 228043
Ion Ratio Lower Upper
77 100
105 100.9 81.4 121.4
106 97.4 79.0 119.0



#10
Phenol
Concen: 10.135 ng
RT: 6.963 min Scan# 659
Delta R.T. -0.026 min
Lab File: BP024106.D
Acq: 20 Feb 2025 13:05

Tgt Ion: 94 Resp: 326750
Ion Ratio Lower Upper
94 100
65 26.4 5.0 45.0
66 34.7 11.6 51.6

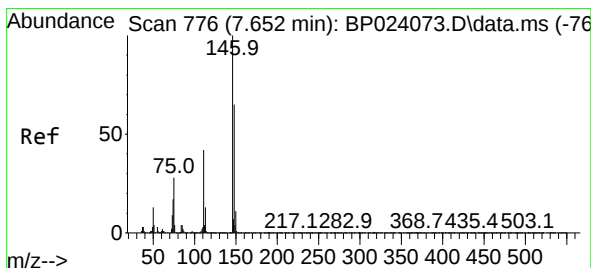
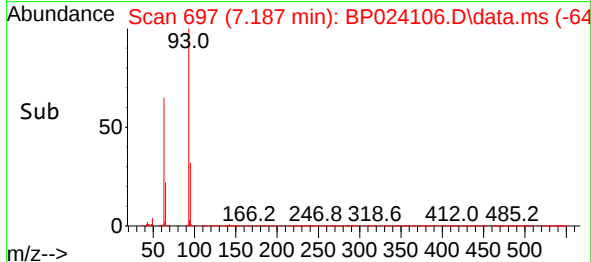
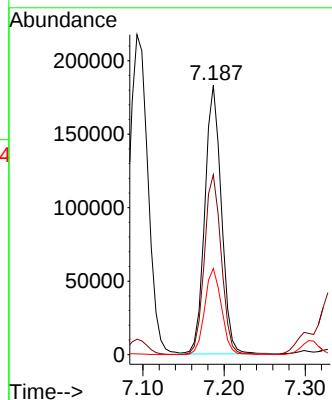
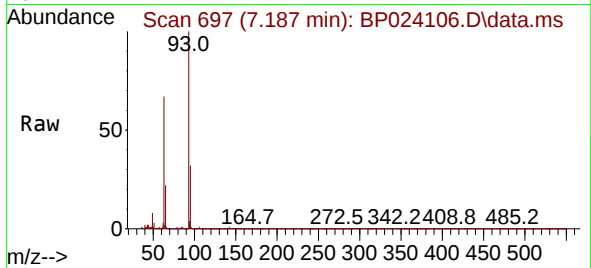




#11
bis(2-Chloroethyl)ether
Concen: 10.159 ng
RT: 7.187 min Scan# 697
Delta R.T. -0.020 min
Lab File: BP024106.D
Acq: 20 Feb 2025 13:05

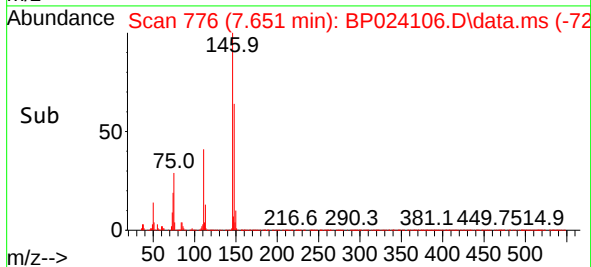
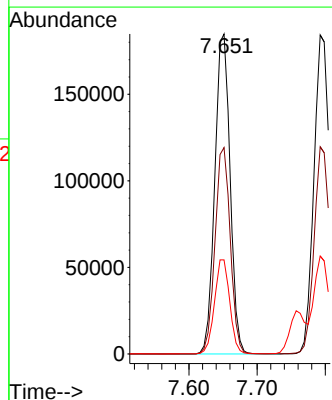
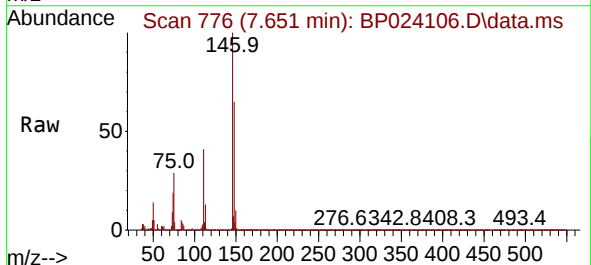
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2025

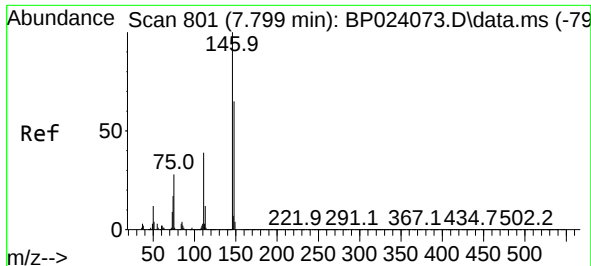
Tgt Ion: 93 Resp: 257957
Ion Ratio Lower Upper
93 100
63 66.8 46.5 86.5
95 32.0 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 9.941 ng
RT: 7.651 min Scan# 776
Delta R.T. -0.020 min
Lab File: BP024106.D
Acq: 20 Feb 2025 13:05

Tgt Ion: 146 Resp: 288338
Ion Ratio Lower Upper
146 100
148 64.5 51.8 77.8
75 29.4 22.6 33.8

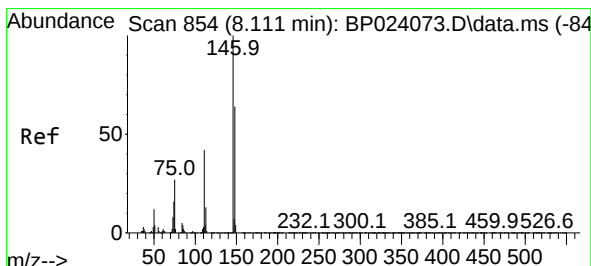
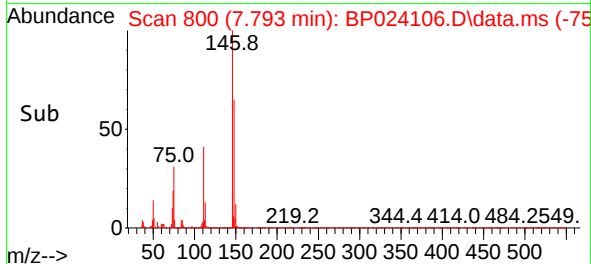
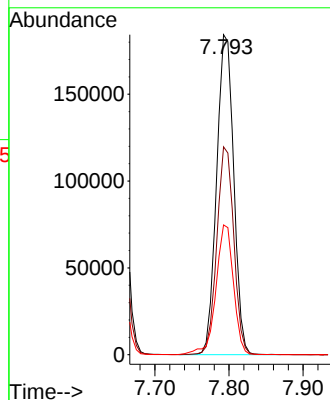
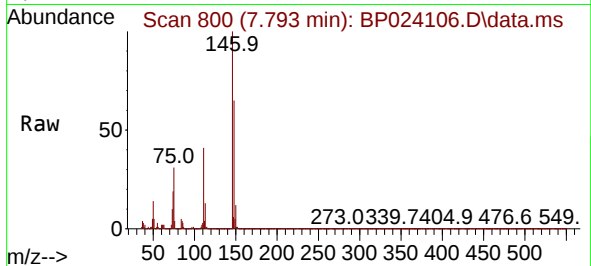




#13
1,4-Dichlorobenzene
Concen: 10.070 ng
RT: 7.793 min Scan# 801
Delta R.T. -0.026 min
Lab File: BP024106.D
Acq: 20 Feb 2025 13:05

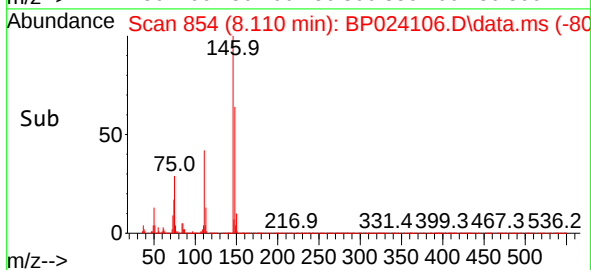
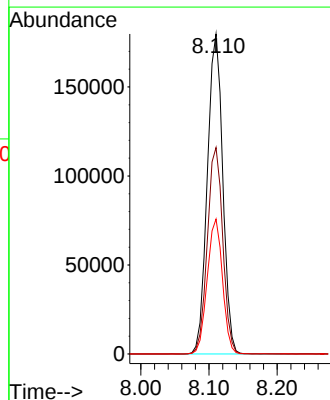
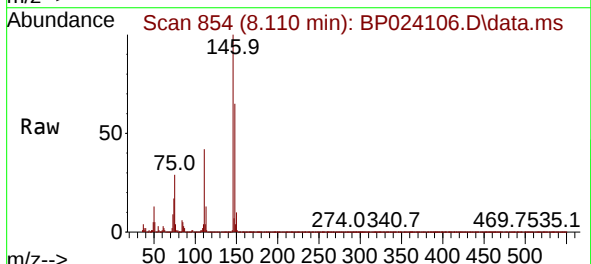
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2025

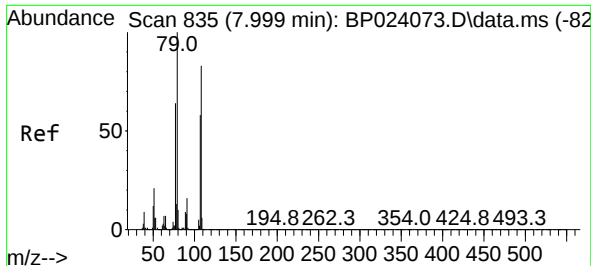
Tgt Ion:146 Resp: 295383
Ion Ratio Lower Upper
146 100
148 64.9 51.6 77.4
111 40.5 31.2 46.8



#14
1,2-Dichlorobenzene
Concen: 10.043 ng
RT: 8.110 min Scan# 854
Delta R.T. -0.020 min
Lab File: BP024106.D
Acq: 20 Feb 2025 13:05

Tgt Ion:146 Resp: 282732
Ion Ratio Lower Upper
146 100
148 64.5 51.2 76.8
111 42.2 33.4 50.0

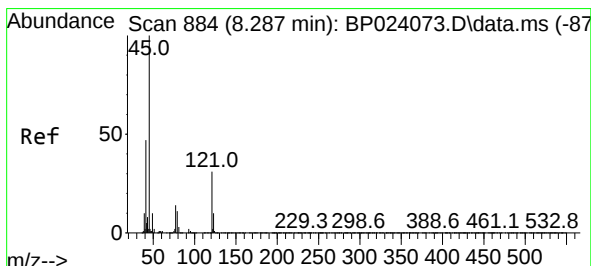
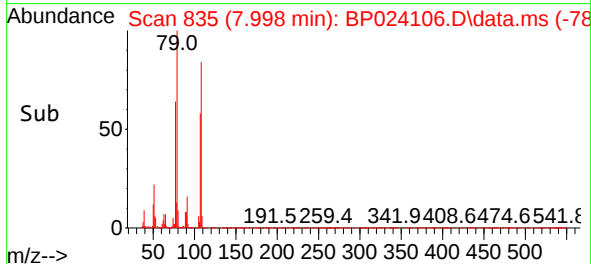
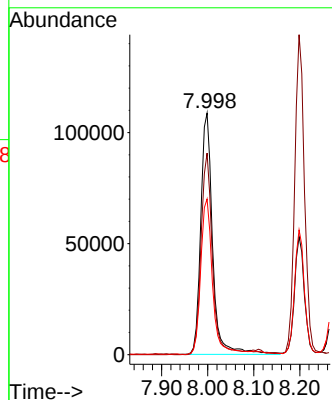
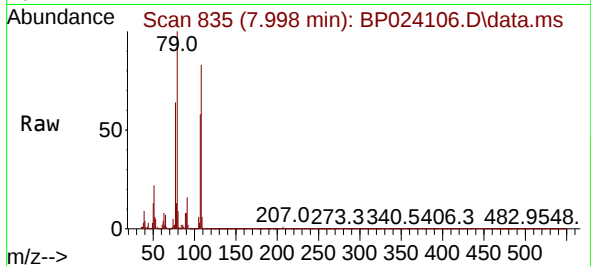




#15
Benzyl Alcohol
Concen: 9.983 ng
RT: 7.998 min Scan# 81
Delta R.T. -0.020 min
Lab File: BP024106.D
Acq: 20 Feb 2025 13:05

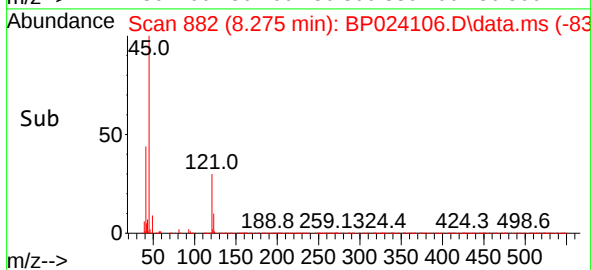
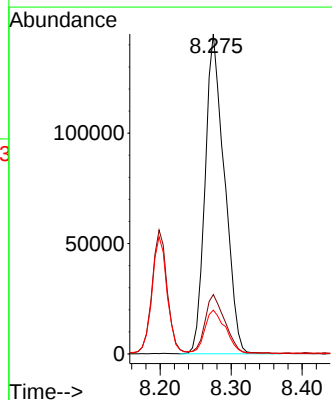
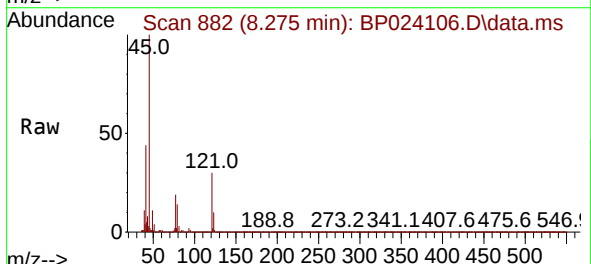
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2025

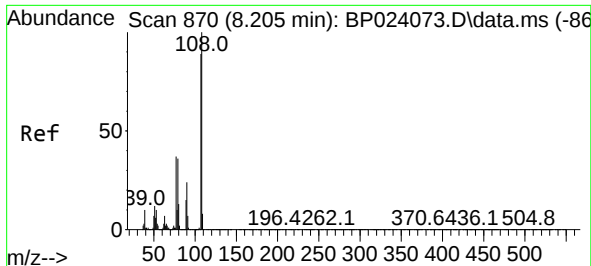
Tgt Ion: 79 Resp: 195922
Ion Ratio Lower Upper
79 100
108 83.4 66.4 99.6
77 64.4 51.3 76.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 11.143 ng
RT: 8.275 min Scan# 882
Delta R.T. -0.032 min
Lab File: BP024106.D
Acq: 20 Feb 2025 13:05

Tgt Ion: 45 Resp: 274668
Ion Ratio Lower Upper
45 100
77 18.5 0.0 38.8
79 13.7 0.0 35.4

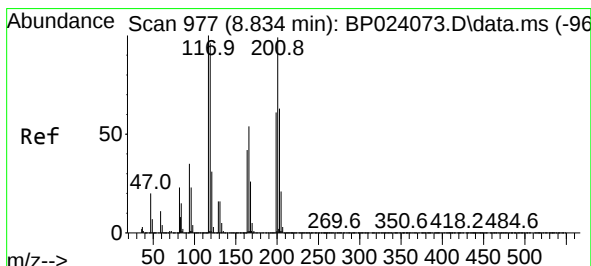
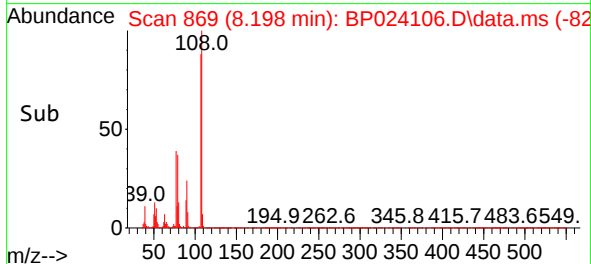
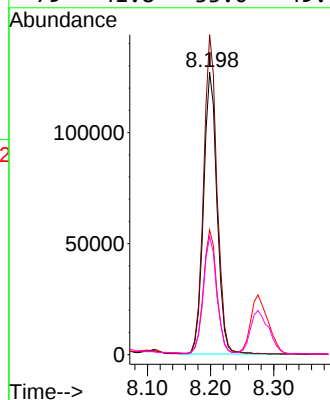
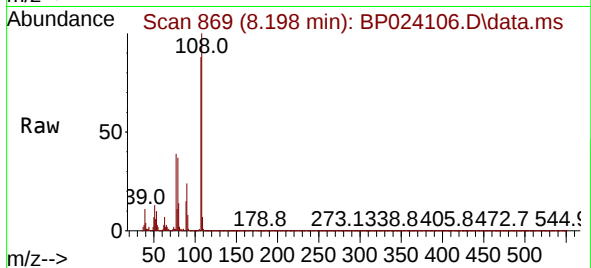




#17
2-Methylphenol
Concen: 9.560 ng
RT: 8.198 min Scan# 80
Delta R.T. -0.026 min
Lab File: BP024106.D
Acq: 20 Feb 2025 13:05

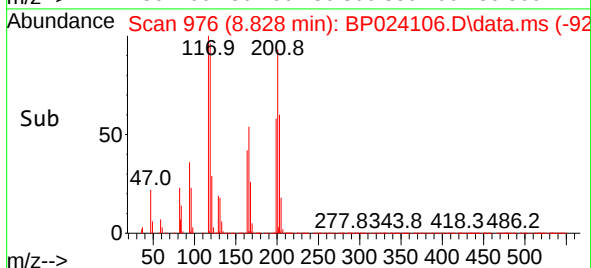
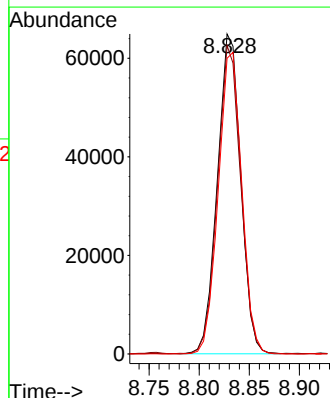
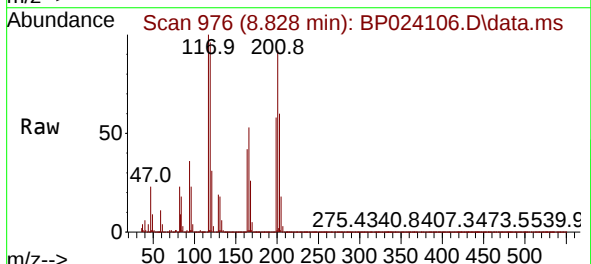
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2025

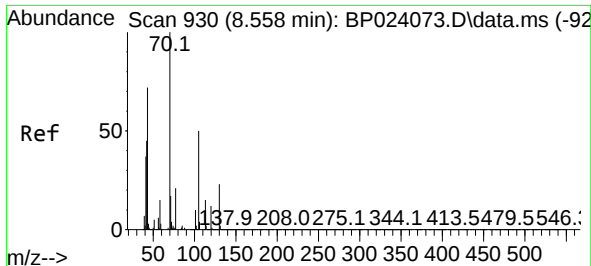
Tgt Ion:	107	Resp:	187812
Ion	Ratio	Lower	Upper
107	100		
108	113.3	90.0	135.0
77	44.2	33.8	50.6
79	41.8	33.0	49.4



#18
Hexachloroethane
Concen: 9.972 ng
RT: 8.828 min Scan# 976
Delta R.T. -0.026 min
Lab File: BP024106.D
Acq: 20 Feb 2025 13:05

Tgt Ion:	117	Resp:	105344
Ion	Ratio	Lower	Upper
117	100		
119	96.4	76.9	115.3
201	92.4	79.4	119.2

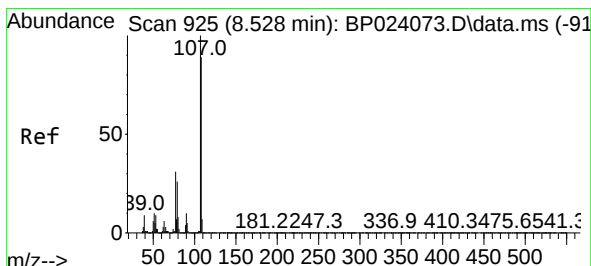
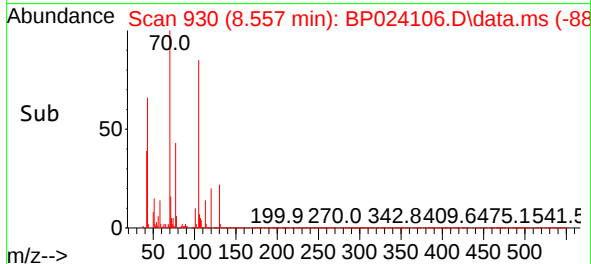
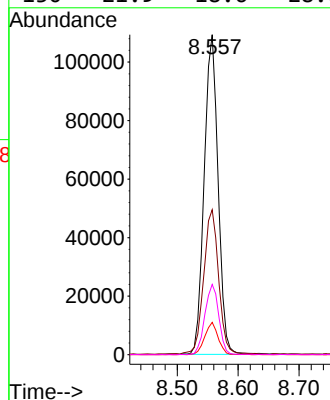
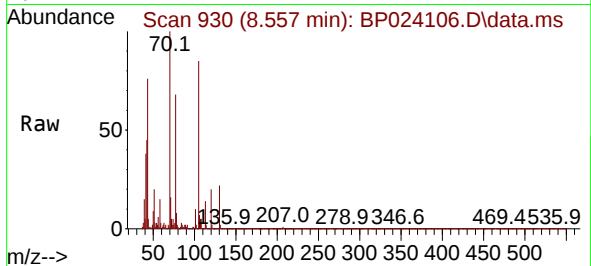




#19
n-Nitroso-di-n-propylamine
Concen: 10.044 ng
RT: 8.557 min Scan# 91
Delta R.T. -0.020 min
Lab File: BP024106.D
Acq: 20 Feb 2025 13:05

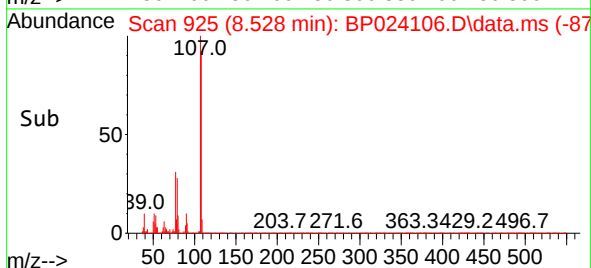
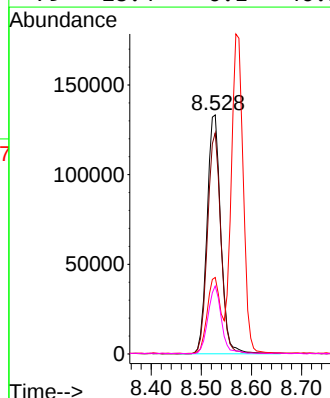
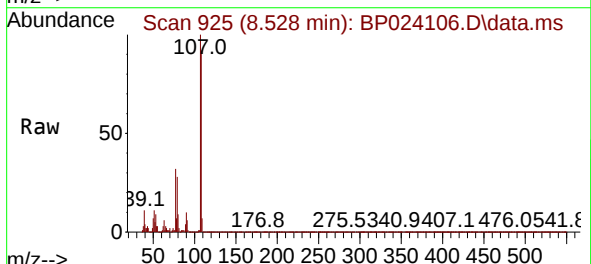
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2025

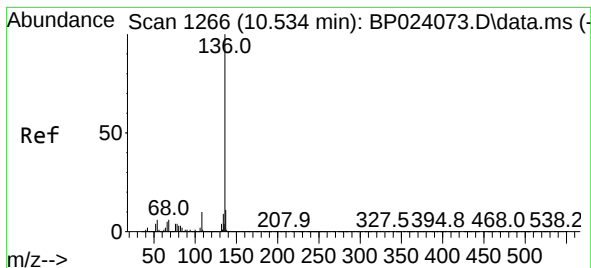
Tgt Ion:	70	Resp:	173136
Ion	Ratio	Lower	Upper
70	100		
42	45.3	36.6	54.8
101	10.1	8.2	12.2
130	21.9	18.6	28.0



#20
3+4-Methylphenols
Concen: 9.497 ng
RT: 8.528 min Scan# 925
Delta R.T. -0.020 min
Lab File: BP024106.D
Acq: 20 Feb 2025 13:05

Tgt Ion:	107	Resp:	253831
Ion	Ratio	Lower	Upper
107	100		
108	92.5	68.5	108.5
77	32.0	10.7	50.7
79	28.4	6.1	46.1

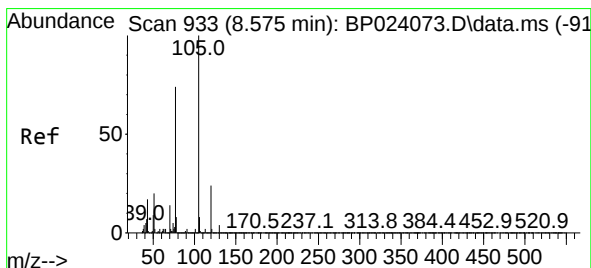
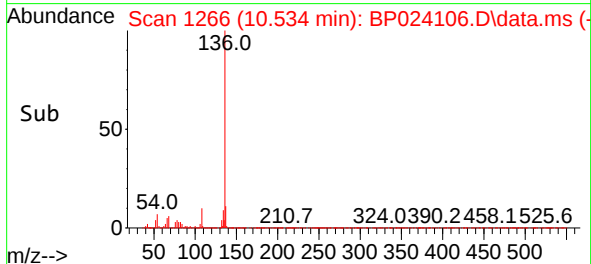
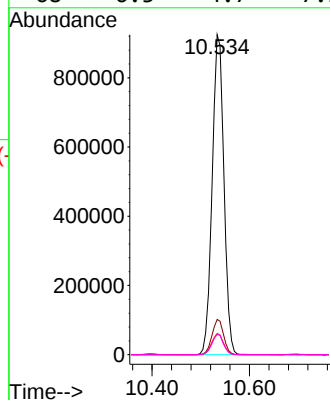
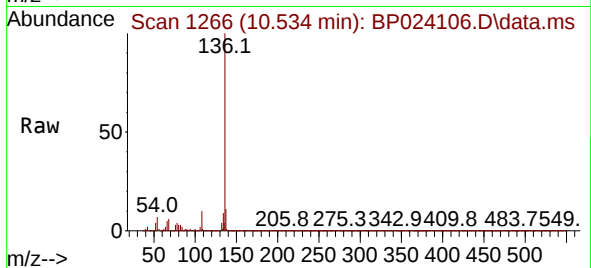




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.534 min Scan# 1266
Delta R.T. -0.020 min
Lab File: BP024106.D
Acq: 20 Feb 2025 13:05

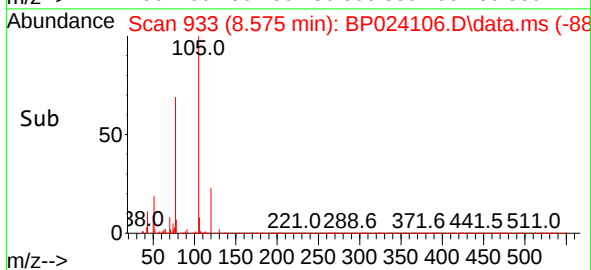
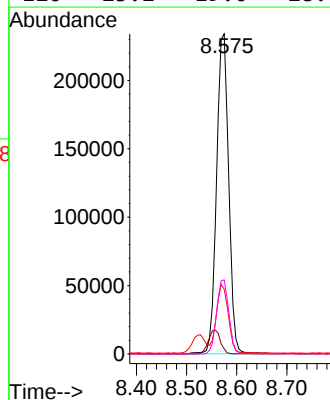
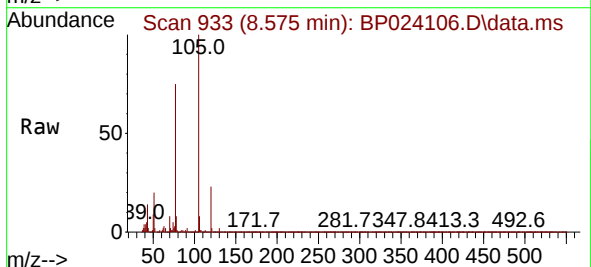
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT1-2025

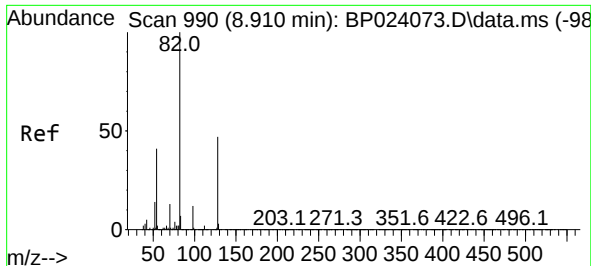
Tgt Ion:136 Resp: 1537093
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 6.6 4.9 7.3
68 6.3 4.7 7.1



#22
Acetophenone
Concen: 9.919 ng
RT: 8.575 min Scan# 933
Delta R.T. -0.020 min
Lab File: BP024106.D
Acq: 20 Feb 2025 13:05

Tgt Ion:105 Resp: 391786
Ion Ratio Lower Upper
105 100
71 1.6 1.9 2.9#
51 20.2 16.3 24.5
120 23.2 19.0 28.4

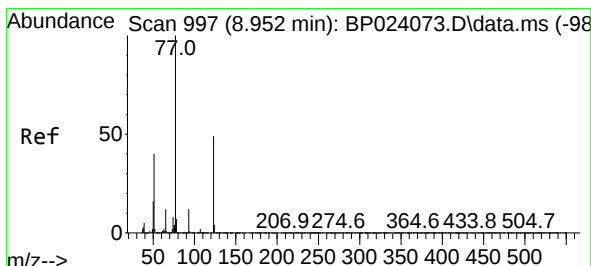
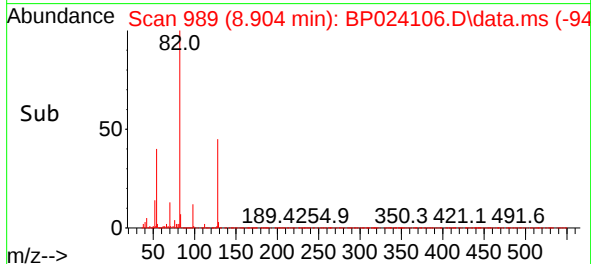
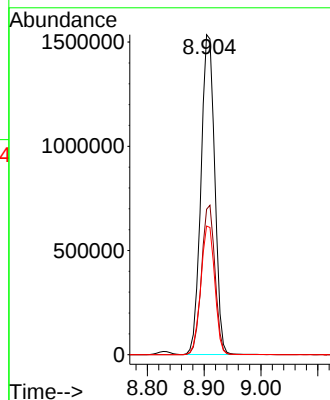
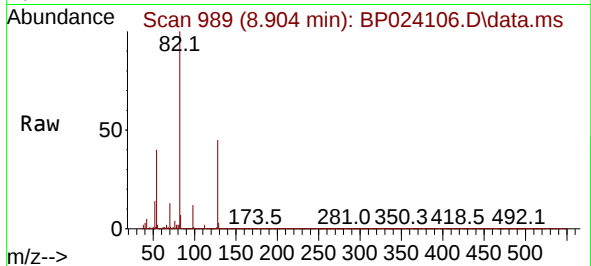




#23
Nitrobenzene-d5
Concen: 93.944 ng
RT: 8.904 min Scan# 910
Delta R.T. -0.026 min
Lab File: BP024106.D
Acq: 20 Feb 2025 13:05

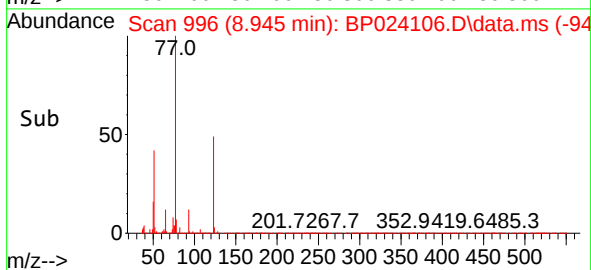
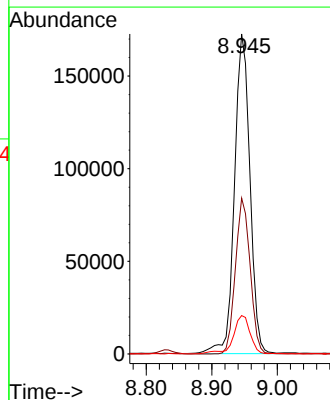
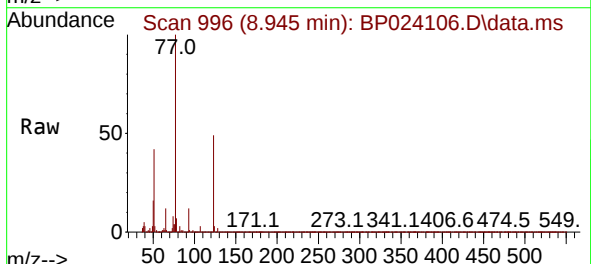
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2025

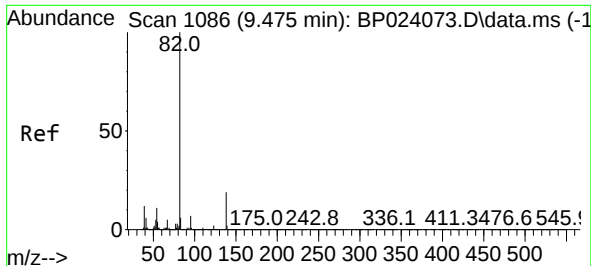
Tgt Ion: 82 Resp: 2588354
Ion Ratio Lower Upper
82 100
128 45.4 37.4 56.2
54 40.2 32.4 48.6



#24
Nitrobenzene
Concen: 10.438 ng
RT: 8.945 min Scan# 996
Delta R.T. -0.026 min
Lab File: BP024106.D
Acq: 20 Feb 2025 13:05

Tgt Ion: 77 Resp: 283037
Ion Ratio Lower Upper
77 100
123 48.7 39.4 59.2
65 12.0 9.9 14.9

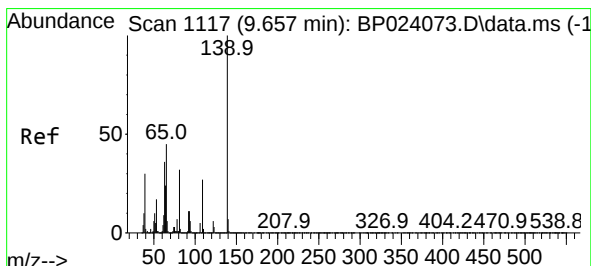
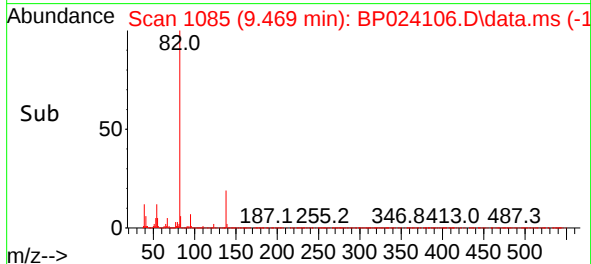
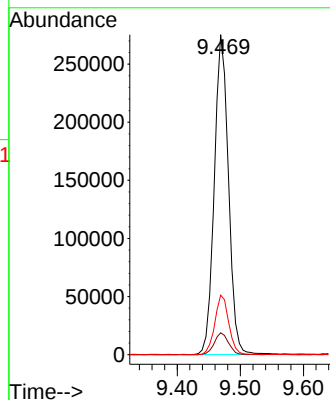
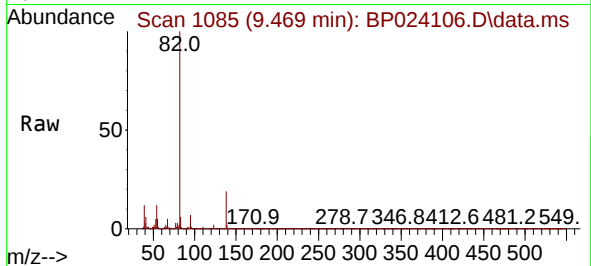




#25
Isophorone
Concen: 9.505 ng
RT: 9.469 min Scan# 1085
Delta R.T. -0.026 min
Lab File: BP024106.D
Acq: 20 Feb 2025 13:05

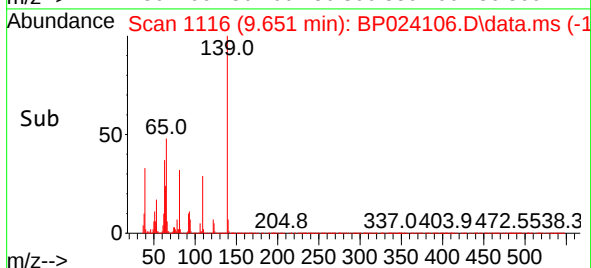
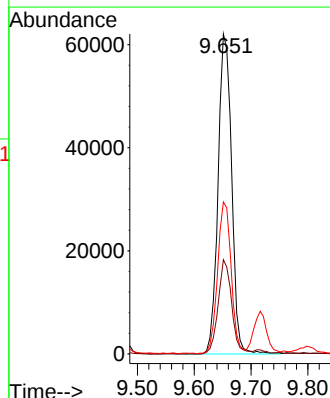
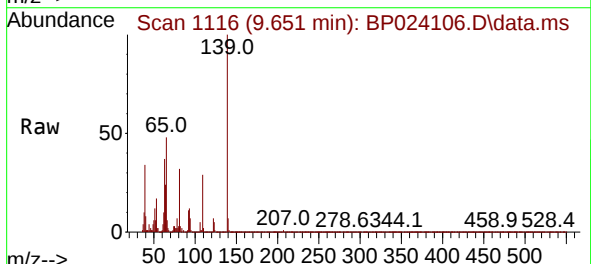
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2025

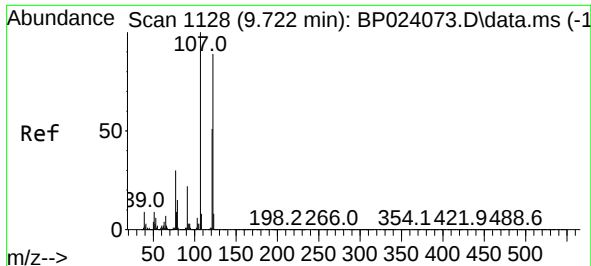
Tgt Ion: 82 Resp: 428271
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.0
138 18.6 15.3 22.9



#26
2-Nitrophenol
Concen: 8.244 ng
RT: 9.651 min Scan# 1116
Delta R.T. -0.026 min
Lab File: BP024106.D
Acq: 20 Feb 2025 13:05

Tgt Ion: 139 Resp: 102988
Ion Ratio Lower Upper
139 100
109 29.4 21.7 32.5
65 47.5 36.1 54.1





#27

2,4-Dimethylphenol

Concen: 8.242 ng

RT: 9.716 min Scan# 1127

Delta R.T. -0.026 min

Lab File: BP024106.D

Acq: 20 Feb 2025 13:05

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT1-2025

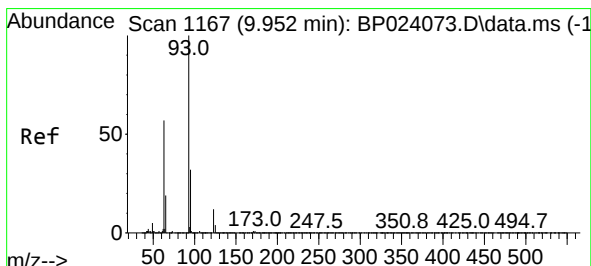
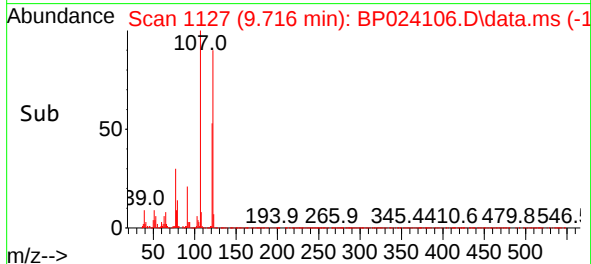
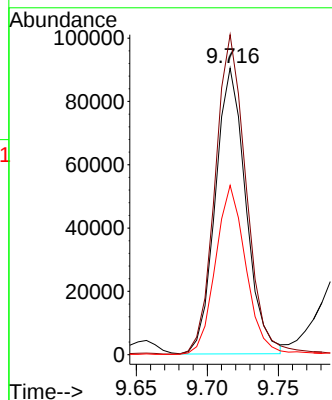
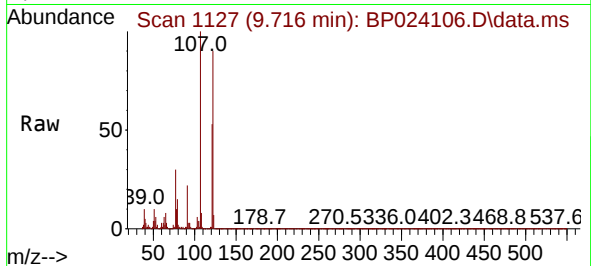
Tgt Ion:122 Resp: 135158

Ion Ratio Lower Upper

122 100

107 111.6 89.8 134.8

121 59.0 45.9 68.9



#28

bis(2-Chloroethoxy)methane

Concen: 9.444 ng

RT: 9.945 min Scan# 1166

Delta R.T. -0.026 min

Lab File: BP024106.D

Acq: 20 Feb 2025 13:05

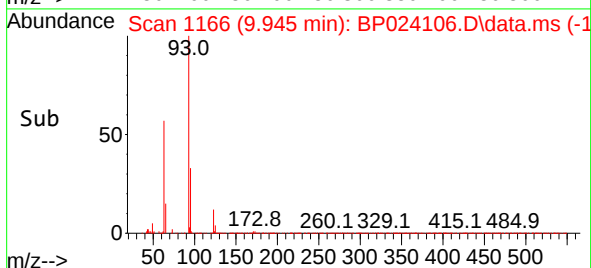
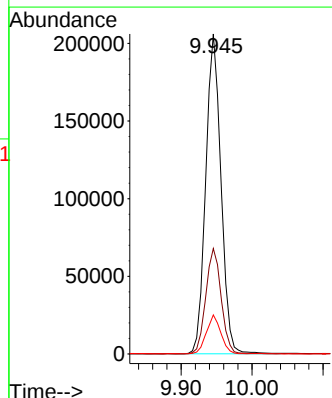
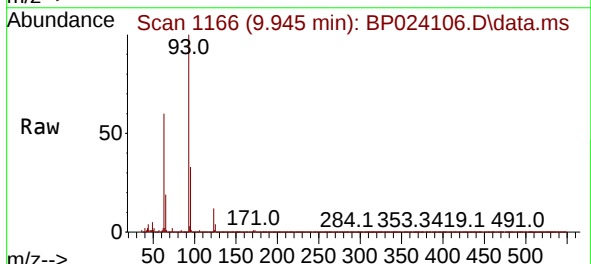
Tgt Ion: 93 Resp: 308242

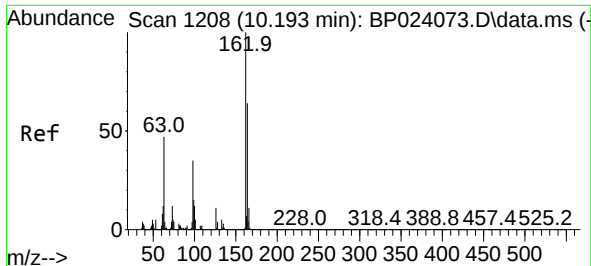
Ion Ratio Lower Upper

93 100

95 33.0 25.9 38.9

123 12.2 9.7 14.5

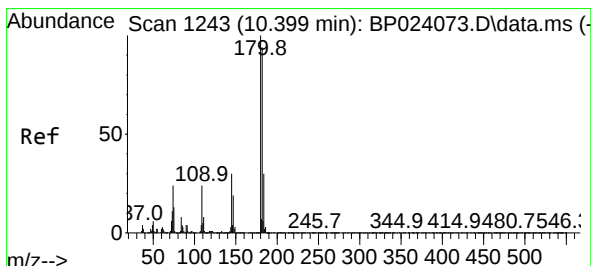
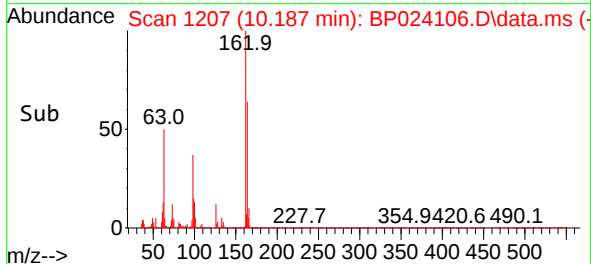
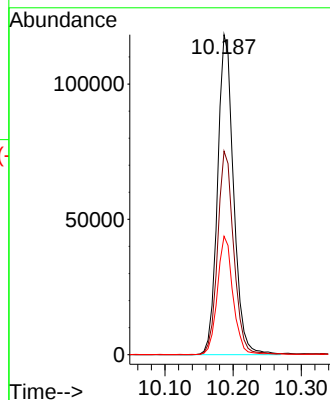
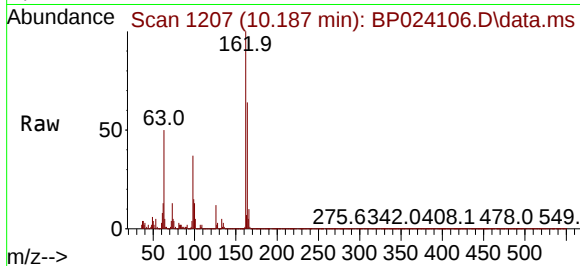




#29
2,4-Dichlorophenol
Concen: 8.649 ng
RT: 10.187 min Scan# 1208
Delta R.T. -0.026 min
Lab File: BP024106.D
Acq: 20 Feb 2025 13:05

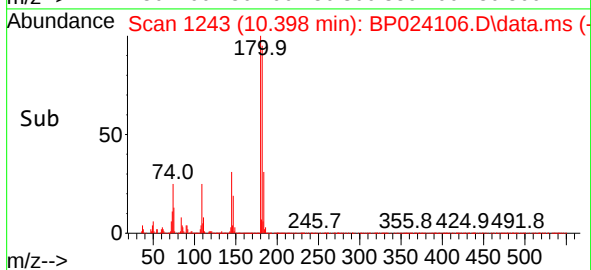
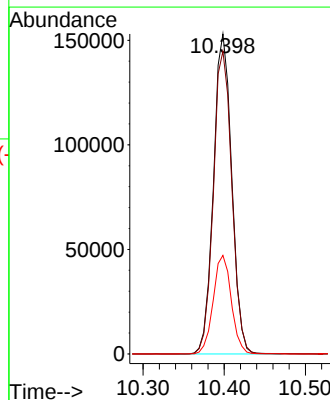
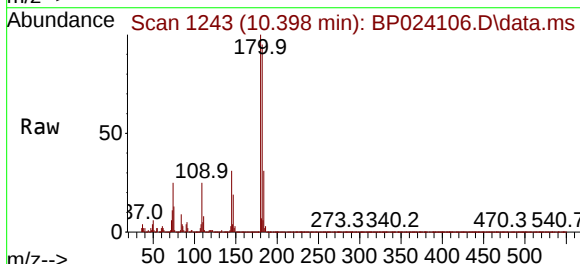
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2025

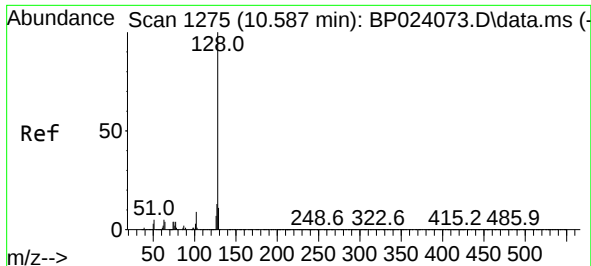
Tgt Ion:162 Resp: 193563
Ion Ratio Lower Upper
162 100
164 63.6 44.5 84.5
98 37.0 15.3 55.3



#30
1,2,4-Trichlorobenzene
Concen: 9.307 ng
RT: 10.398 min Scan# 1243
Delta R.T. -0.020 min
Lab File: BP024106.D
Acq: 20 Feb 2025 13:05

Tgt Ion:180 Resp: 238644
Ion Ratio Lower Upper
180 100
182 94.6 75.4 113.2
145 30.8 24.0 36.0

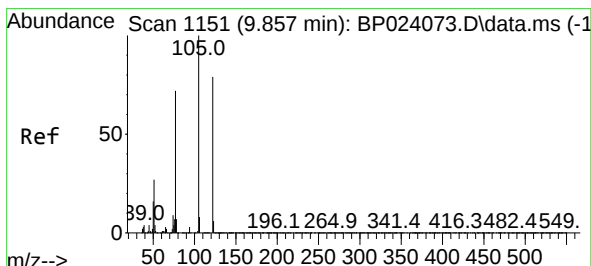
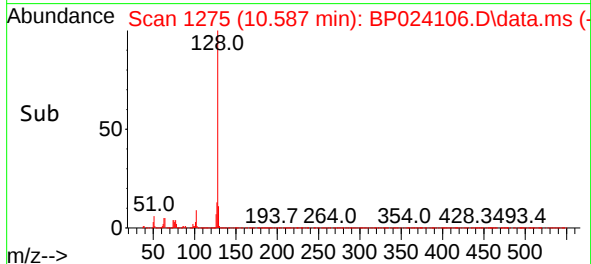
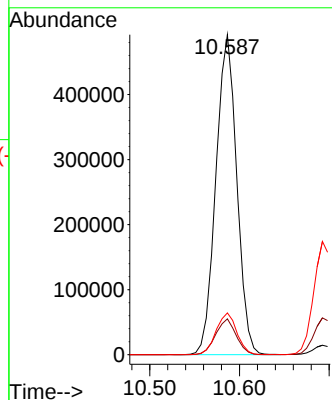
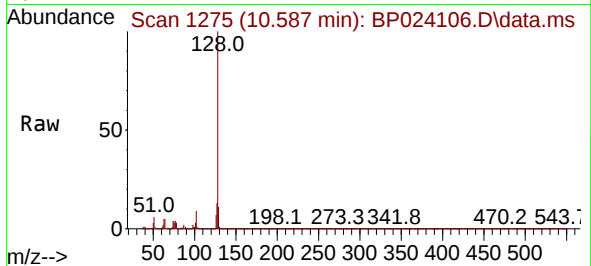




#31
Naphthalene
Concen: 9.616 ng
RT: 10.587 min Scan# 1142
Delta R.T. -0.020 min
Lab File: BP024106.D
Acq: 20 Feb 2025 13:05

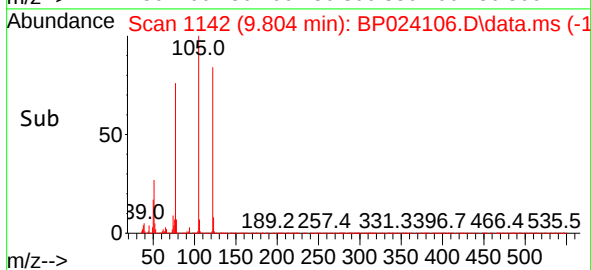
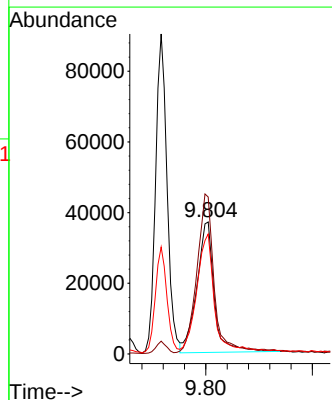
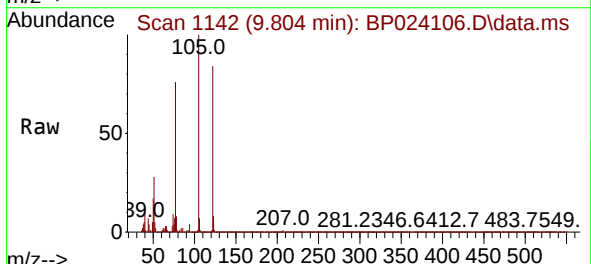
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2025

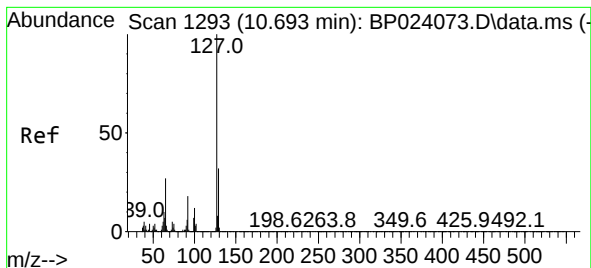
Tgt Ion:128 Resp: 794734
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 13.0 10.3 15.5



#32
Benzoic acid
Concen: 11.624 ng
RT: 9.804 min Scan# 1142
Delta R.T. -0.073 min
Lab File: BP024106.D
Acq: 20 Feb 2025 13:05

Tgt Ion:122 Resp: 84306
Ion Ratio Lower Upper
122 100
105 119.0 103.7 143.7
77 90.9 69.9 109.9





#33

4-Chloroaniline

Concen: 9.778 ng

RT: 10.692 min Scan# 11

Delta R.T. -0.020 min

Lab File: BP024106.D

Acq: 20 Feb 2025 13:05

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT1-2025

Tgt Ion:127 Resp: 284695

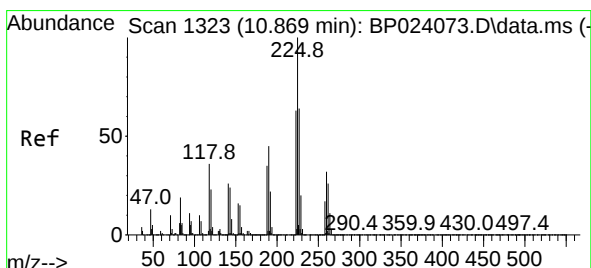
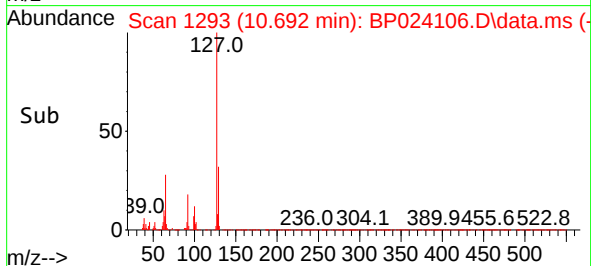
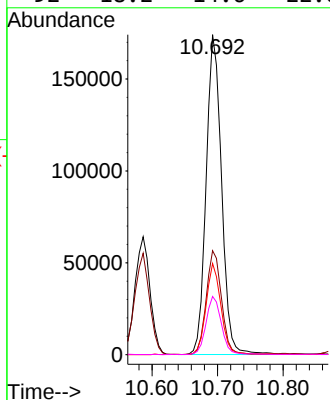
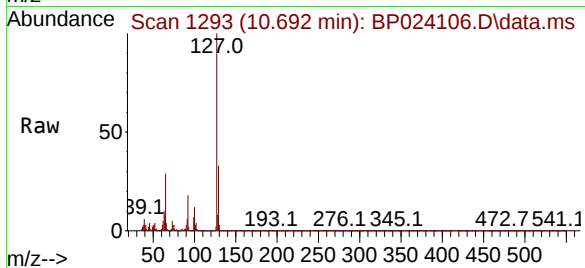
Ion Ratio Lower Upper

127 100

129 32.5 25.4 38.0

65 28.5 21.3 31.9

92 18.2 14.6 22.0



#34

Hexachlorobutadiene

Concen: 9.459 ng

RT: 10.875 min Scan# 1324

Delta R.T. -0.014 min

Lab File: BP024106.D

Acq: 20 Feb 2025 13:05

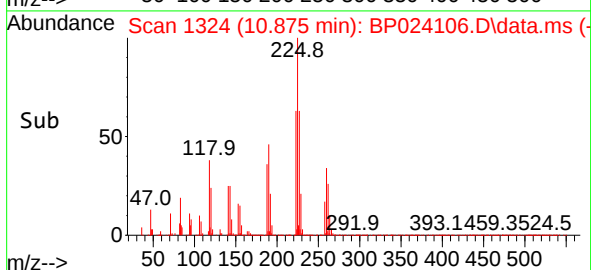
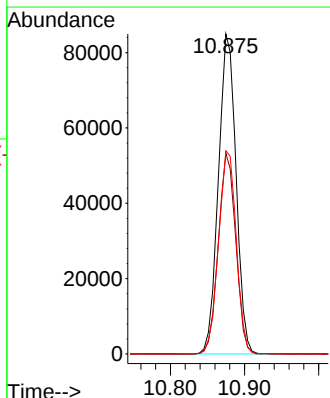
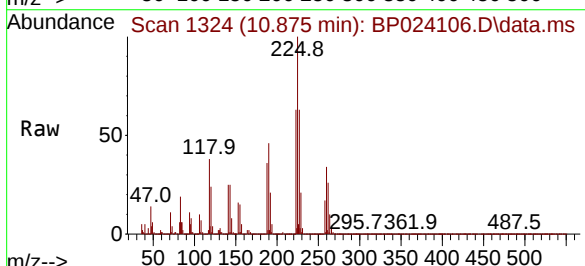
Tgt Ion:225 Resp: 140483

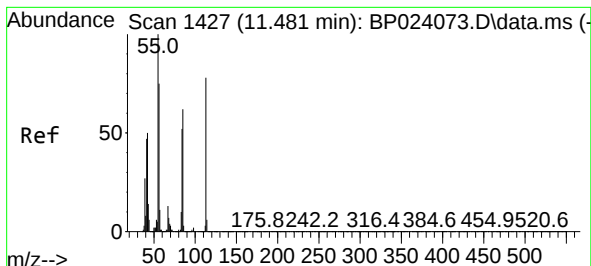
Ion Ratio Lower Upper

225 100

223 62.7 50.5 75.7

227 63.5 51.3 76.9





#35

Caprolactam

Concen: 10.807 ng

RT: 11.469 min Scan# 1427

Delta R.T. -0.032 min

Lab File: BP024106.D

Acq: 20 Feb 2025 13:05

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT1-2025

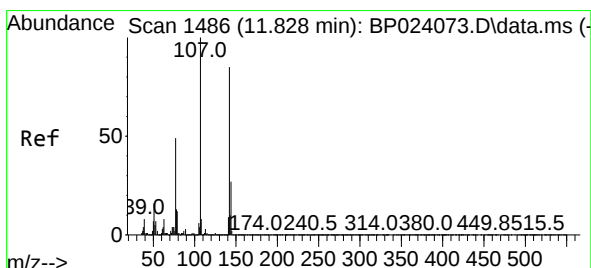
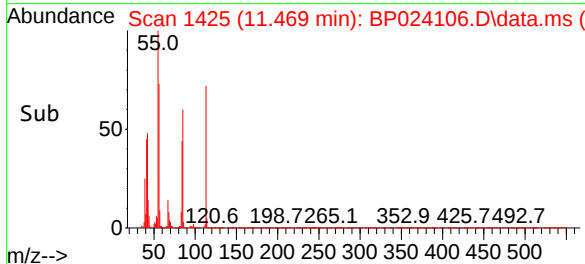
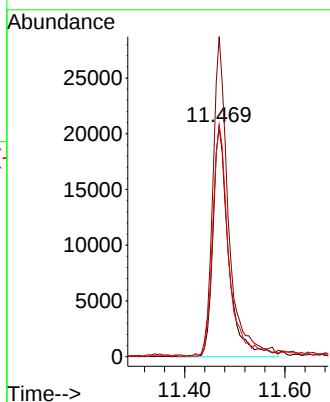
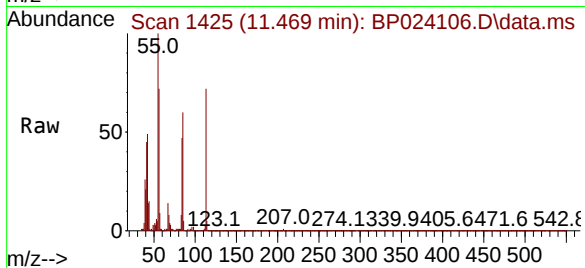
Tgt Ion:113 Resp: 44629

Ion Ratio Lower Upper

113 100

55 139.4 108.8 148.8

56 101.0 76.5 116.5



#36

4-Chloro-3-methylphenol

Concen: 8.080 ng

RT: 11.828 min Scan# 1486

Delta R.T. -0.020 min

Lab File: BP024106.D

Acq: 20 Feb 2025 13:05

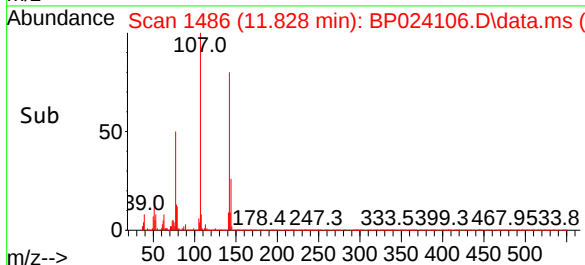
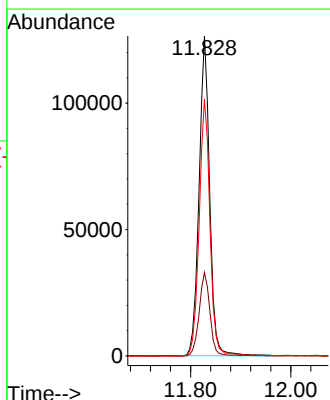
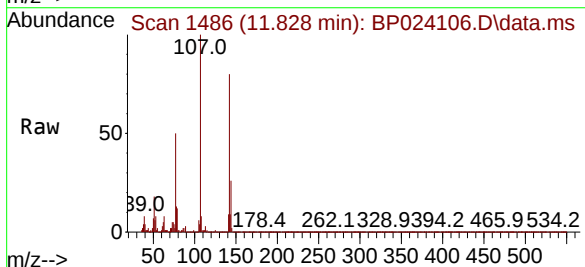
Tgt Ion:107 Resp: 185874

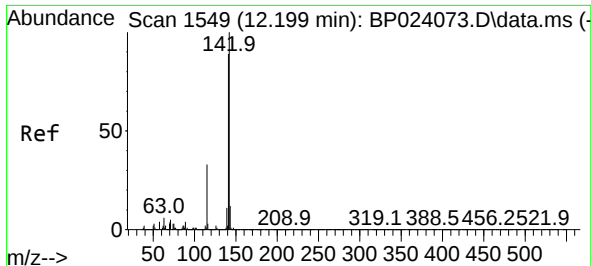
Ion Ratio Lower Upper

107 100

144 26.1 21.8 32.8

142 80.3 67.8 101.8

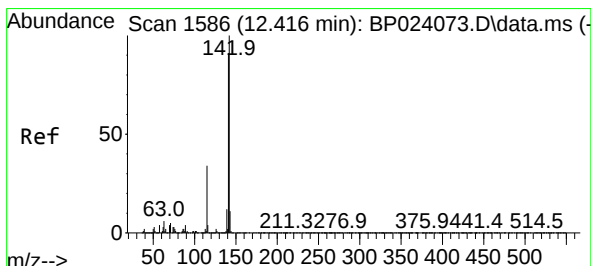
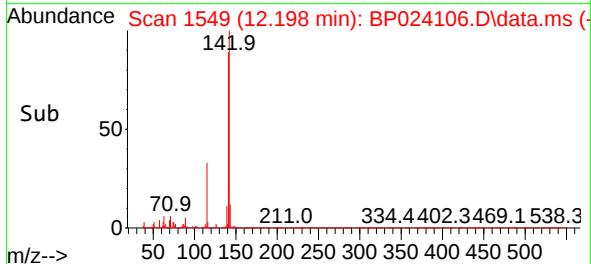
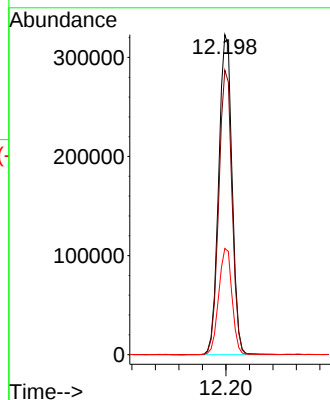
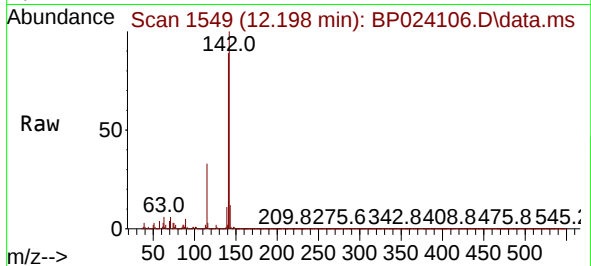




#37
2-Methylnaphthalene
Concen: 9.289 ng
RT: 12.198 min Scan# 1549
Delta R.T. -0.020 min
Lab File: BP024106.D
Acq: 20 Feb 2025 13:05

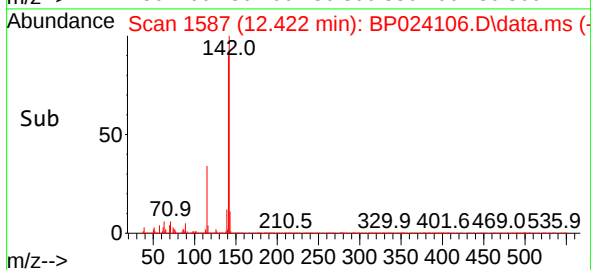
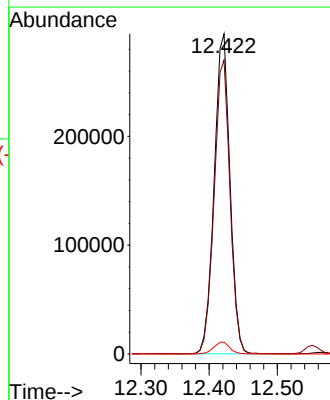
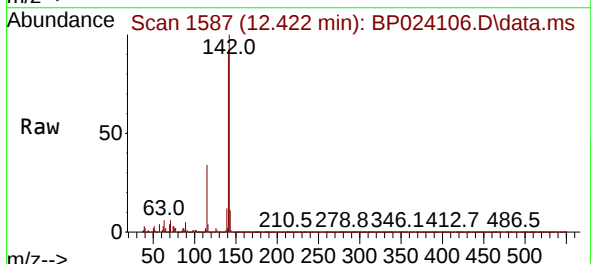
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2025

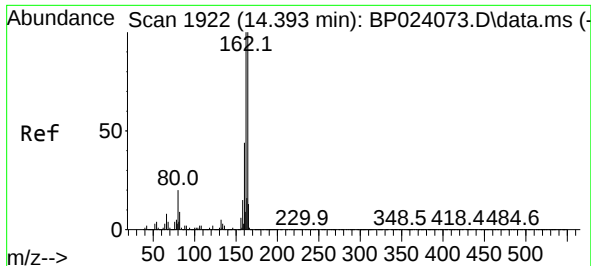
Tgt Ion:142 Resp: 510248
Ion Ratio Lower Upper
142 100
141 88.9 71.2 106.8
115 33.2 26.5 39.7



#38
1-Methylnaphthalene
Concen: 8.874 ng
RT: 12.422 min Scan# 1587
Delta R.T. -0.014 min
Lab File: BP024106.D
Acq: 20 Feb 2025 13:05

Tgt Ion:142 Resp: 474252
Ion Ratio Lower Upper
142 100
141 91.8 73.0 109.6
116 3.7 2.8 4.2

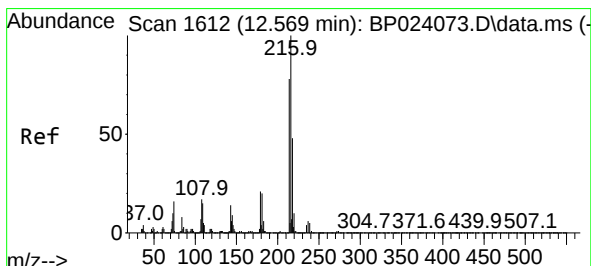
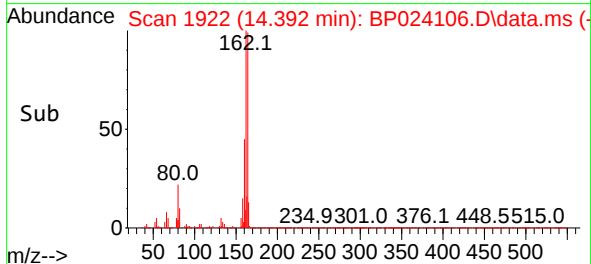
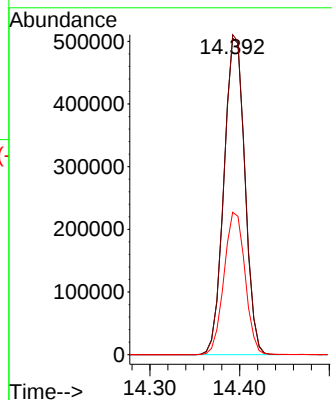
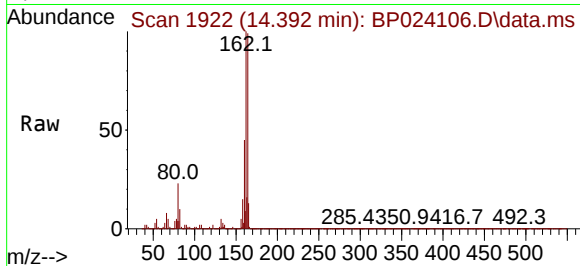




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1922
Delta R.T. -0.020 min
Lab File: BP024106.D
Acq: 20 Feb 2025 13:05

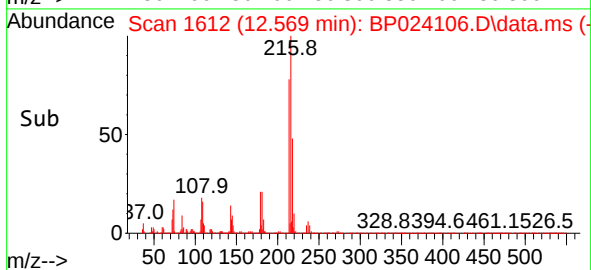
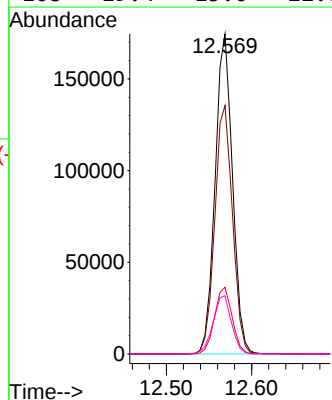
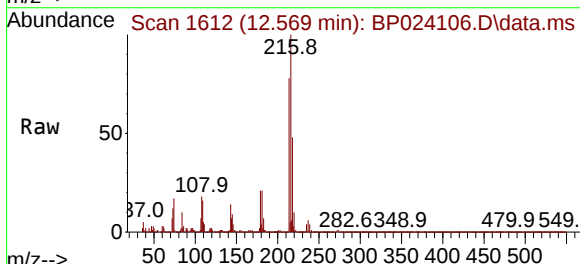
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2025

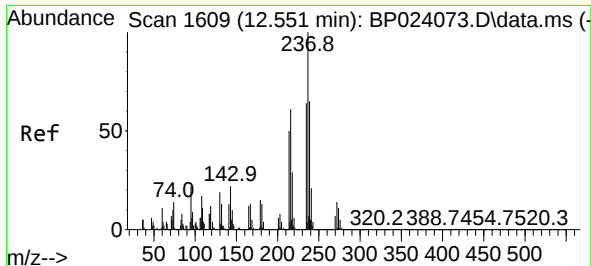
Tgt Ion:164 Resp: 816694
Ion Ratio Lower Upper
164 100
162 101.1 80.1 120.1
160 45.0 35.6 53.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.845 ng
RT: 12.569 min Scan# 1612
Delta R.T. -0.020 min
Lab File: BP024106.D
Acq: 20 Feb 2025 13:05

Tgt Ion:216 Resp: 247045
Ion Ratio Lower Upper
216 100
214 79.3 62.7 94.1
179 21.1 16.6 25.0
108 19.4 15.0 22.6

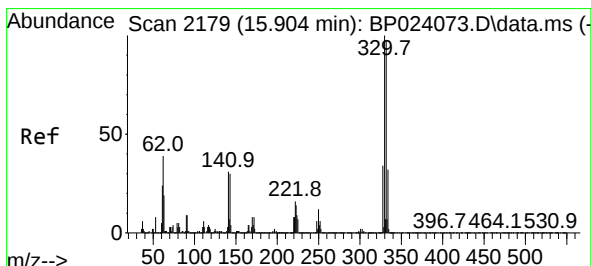
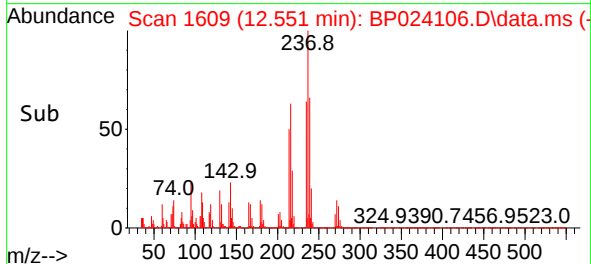
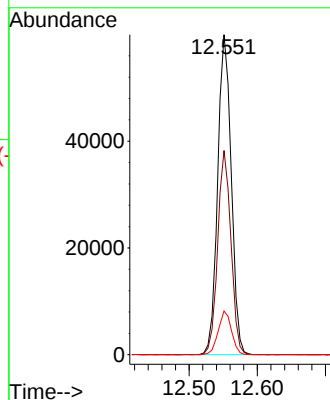
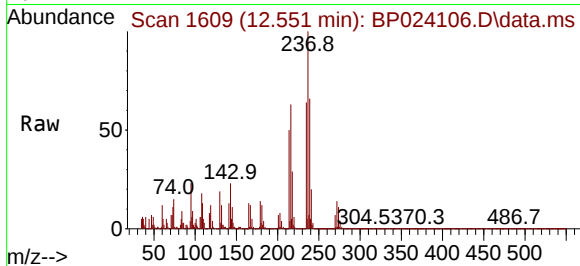




#41
Hexachlorocyclopentadiene
Concen: 8.886 ng
RT: 12.551 min Scan# 1
Delta R.T. -0.020 min
Lab File: BP024106.D
Acq: 20 Feb 2025 13:05

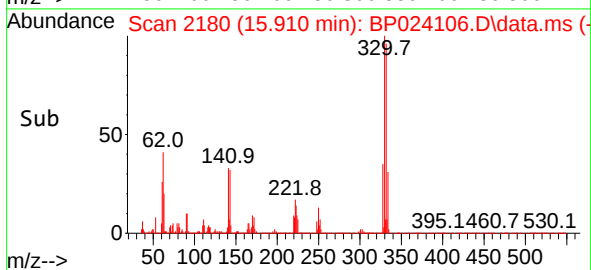
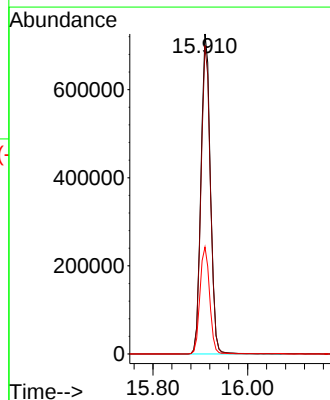
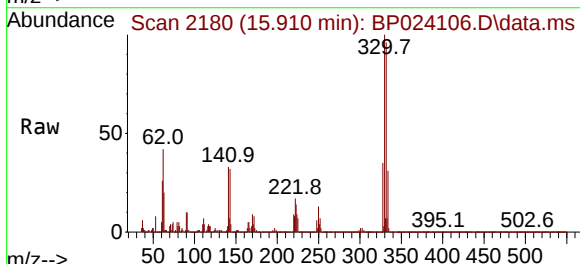
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2025

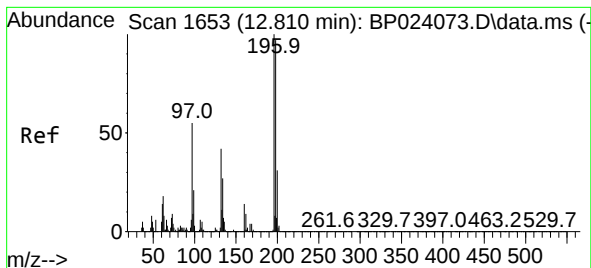
Tgt Ion:237	Resp:	82971
Ion	Ratio	Lower Upper
237	100	
235	63.8	43.5 83.5
272	13.7	0.0 33.7



#42
2,4,6-Tribromophenol
Concen: 100.187 ng
RT: 15.910 min Scan# 2180
Delta R.T. -0.014 min
Lab File: BP024106.D
Acq: 20 Feb 2025 13:05

Tgt Ion:330	Resp:	1002230
Ion	Ratio	Lower Upper
330	100	
332	96.2	77.0 115.4
141	34.3	28.3 42.5





#43

2,4,6-Trichlorophenol

Concen: 8.451 ng

RT: 12.816 min Scan# 1

Delta R.T. -0.014 min

Lab File: BP024106.D

Acq: 20 Feb 2025 13:05

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT1-2025

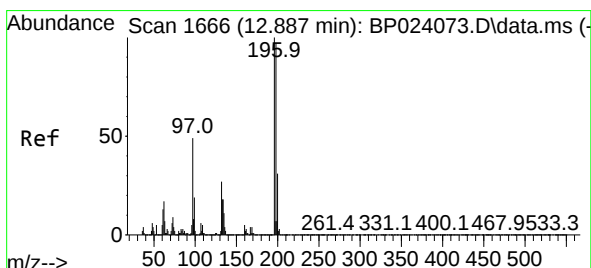
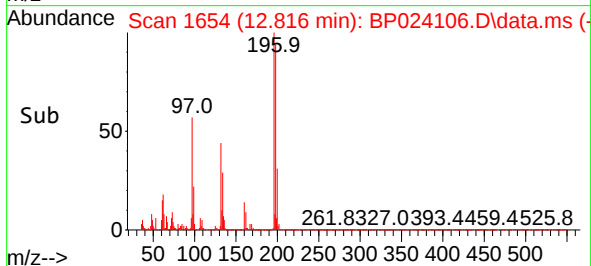
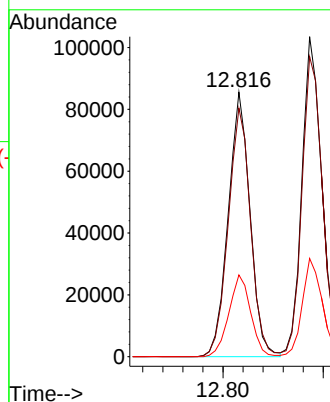
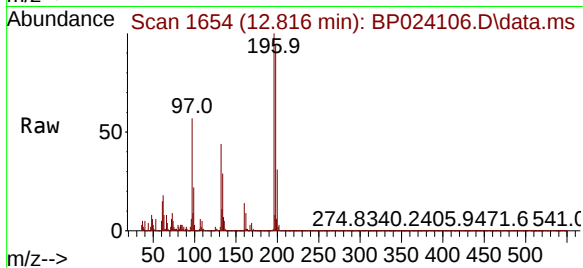
Tgt Ion:196 Resp: 129330

Ion Ratio Lower Upper

196 100

198 94.0 77.8 116.6

200 30.9 25.0 37.4



#44

2,4,5-Trichlorophenol

Concen: 8.559 ng

RT: 12.886 min Scan# 1666

Delta R.T. -0.020 min

Lab File: BP024106.D

Acq: 20 Feb 2025 13:05

Tgt Ion:196 Resp: 143242

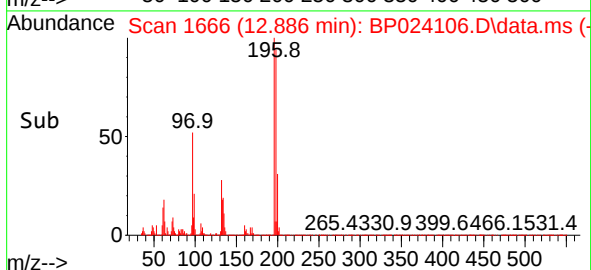
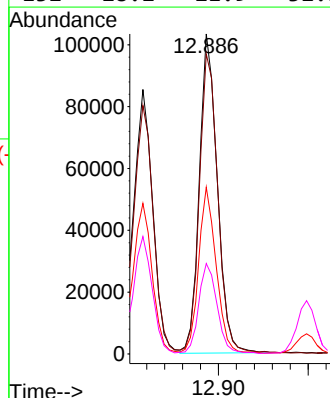
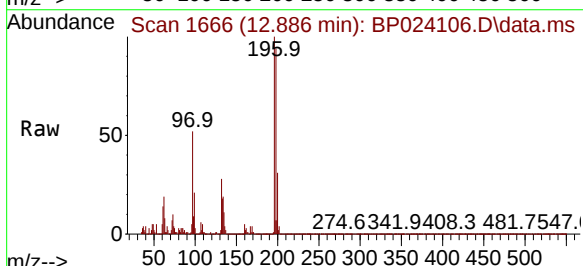
Ion Ratio Lower Upper

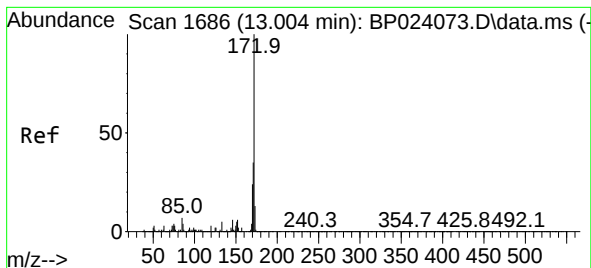
196 100

198 93.7 77.4 116.2

97 52.1 39.0 58.4

132 28.2 21.9 32.9





#45

2-Fluorobiphenyl

Concen: 92.460 ng

RT: 12.998 min Scan# 1

Delta R.T. -0.026 min

Lab File: BP024106.D

Acq: 20 Feb 2025 13:05

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT1-2025

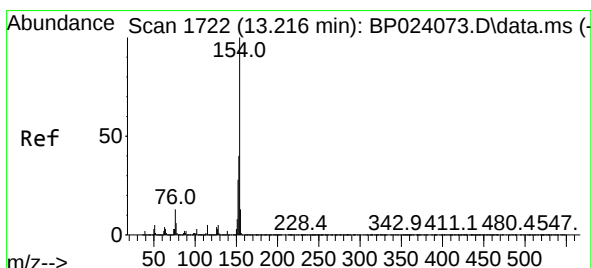
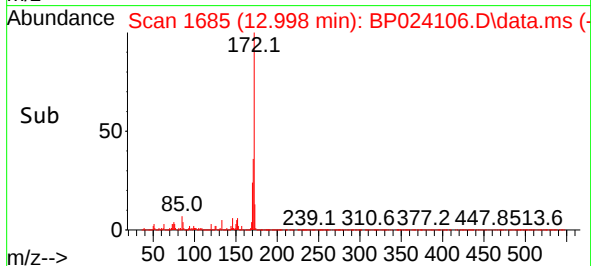
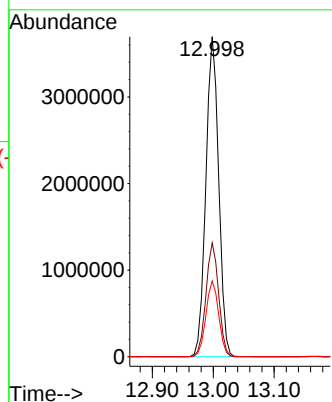
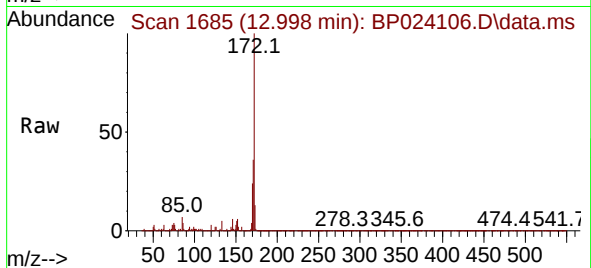
Tgt Ion:172 Resp: 5401385

Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.2

170 23.7 19.0 28.6



#46

1,1'-Biphenyl

Concen: 10.137 ng

RT: 13.216 min Scan# 1722

Delta R.T. -0.020 min

Lab File: BP024106.D

Acq: 20 Feb 2025 13:05

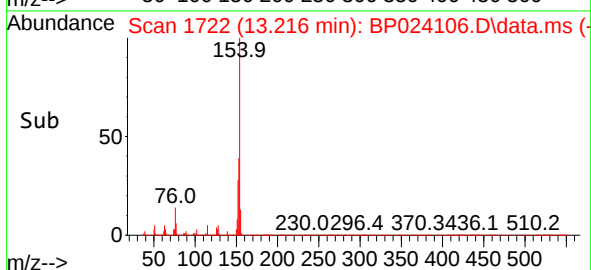
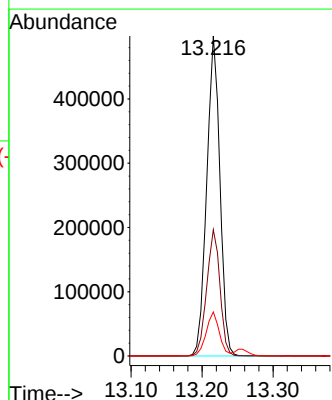
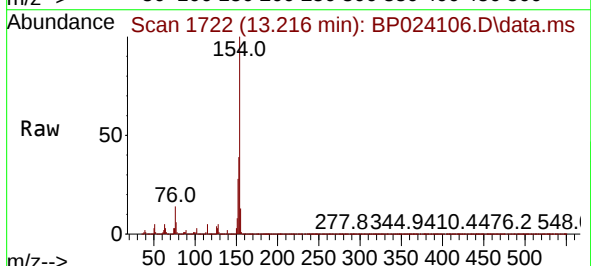
Tgt Ion:154 Resp: 643326

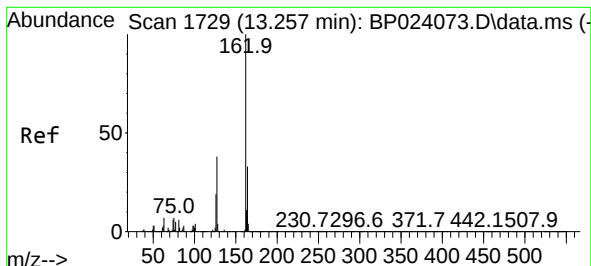
Ion Ratio Lower Upper

154 100

153 39.5 20.0 60.0

76 13.7 0.0 32.6





#47

2-Chloronaphthalene

Concen: 10.079 ng

RT: 13.257 min Scan# 1729

Delta R.T. -0.020 min

Lab File: BP024106.D

Acq: 20 Feb 2025 13:05

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT1-2025

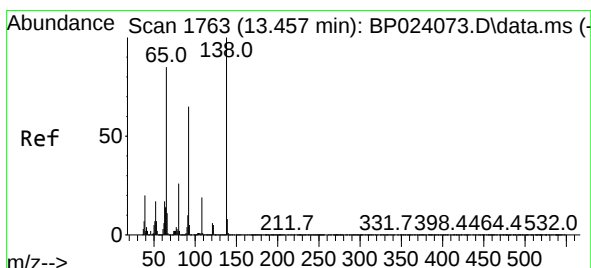
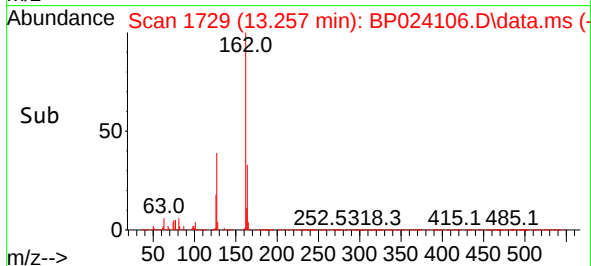
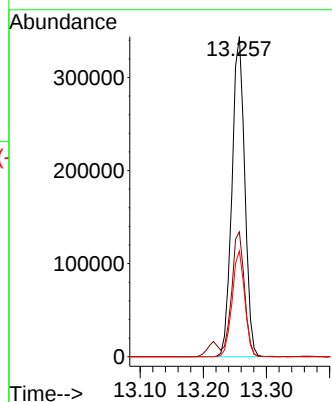
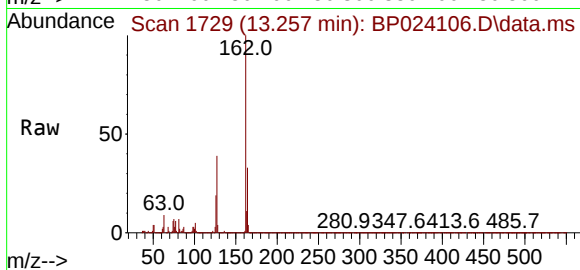
Tgt Ion:162 Resp: 483545

Ion Ratio Lower Upper

162 100

127 39.0 30.7 46.1

164 33.0 26.6 39.8



#48

2-Nitroaniline

Concen: 8.641 ng

RT: 13.463 min Scan# 1764

Delta R.T. -0.014 min

Lab File: BP024106.D

Acq: 20 Feb 2025 13:05

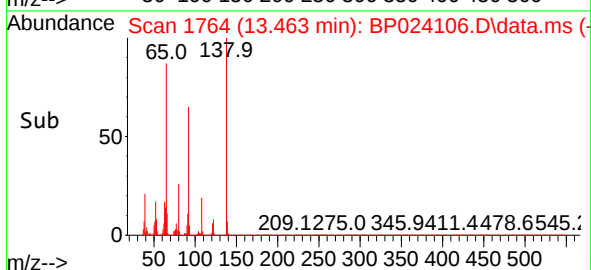
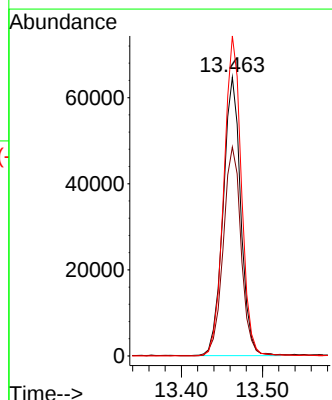
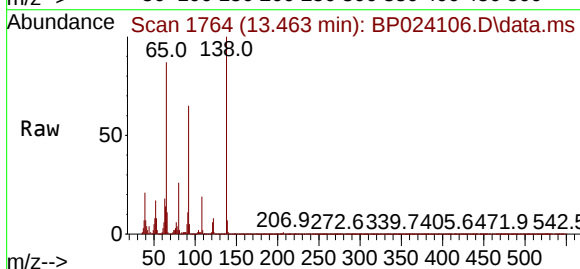
Tgt Ion: 65 Resp: 97922

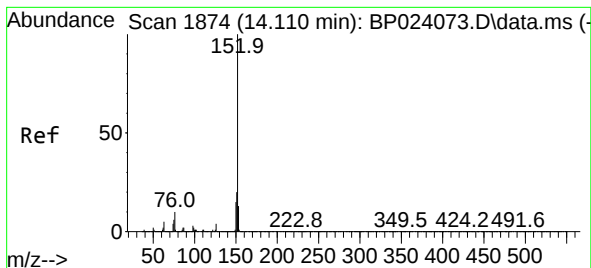
Ion Ratio Lower Upper

65 100

92 75.0 61.7 92.5

138 114.8 94.6 142.0





#49

Acenaphthylene

Concen: 9.736 ng

RT: 14.116 min Scan# 11

Delta R.T. -0.014 min

Lab File: BP024106.D

Acq: 20 Feb 2025 13:05

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT1-2025

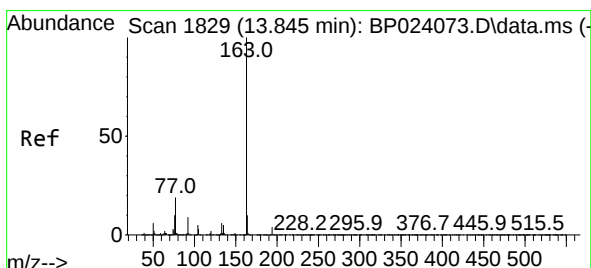
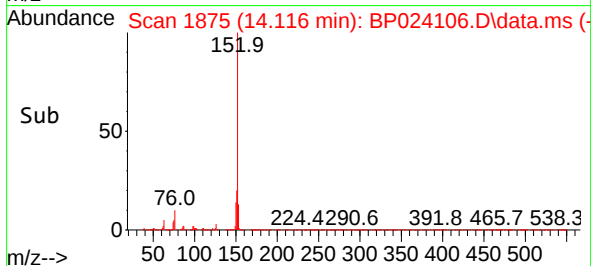
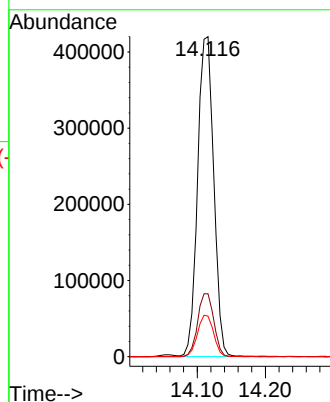
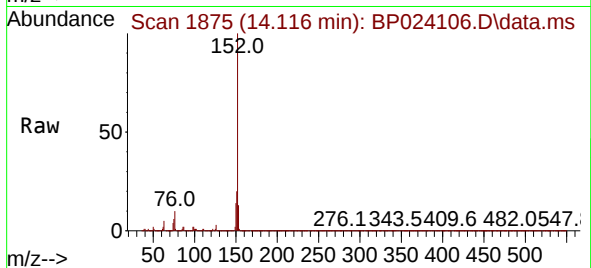
Tgt Ion:152 Resp: 688154

Ion Ratio Lower Upper

152 100

151 19.7 15.8 23.8

153 12.7 10.7 16.1



#50

Dimethylphthalate

Concen: 8.849 ng

RT: 13.851 min Scan# 1830

Delta R.T. -0.014 min

Lab File: BP024106.D

Acq: 20 Feb 2025 13:05

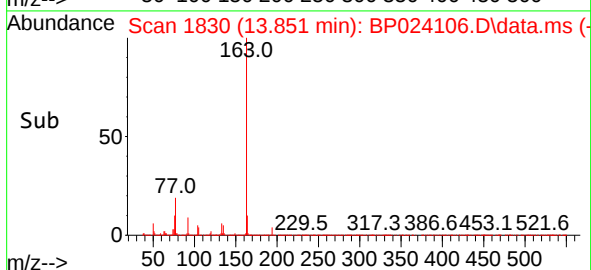
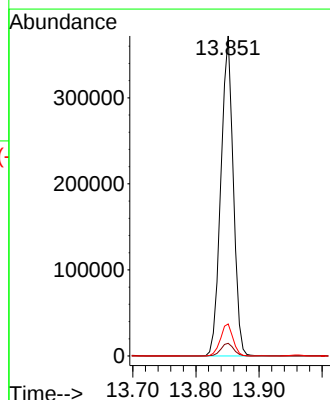
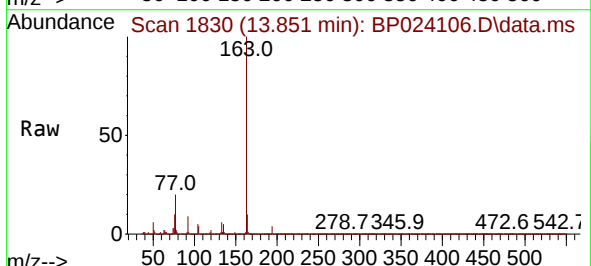
Tgt Ion:163 Resp: 509751

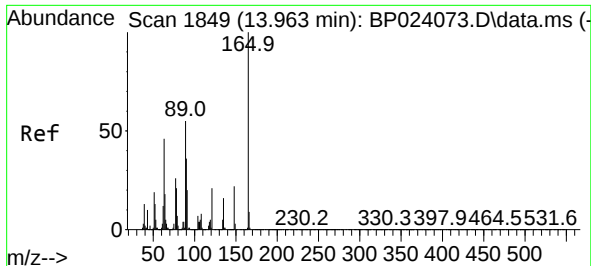
Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.2

164 10.0 8.1 12.1

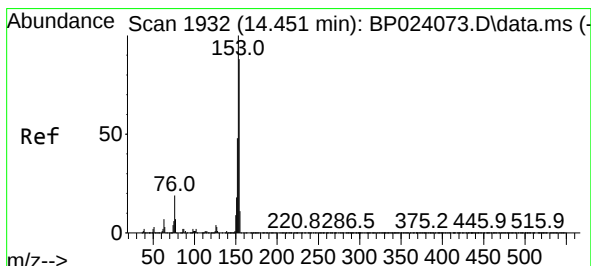
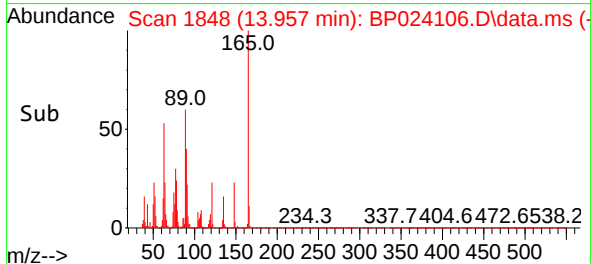
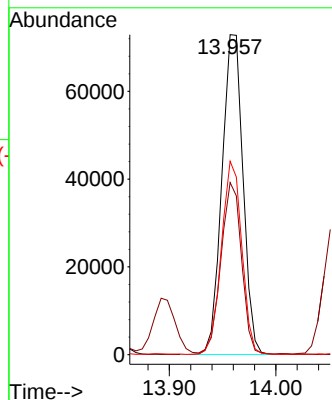
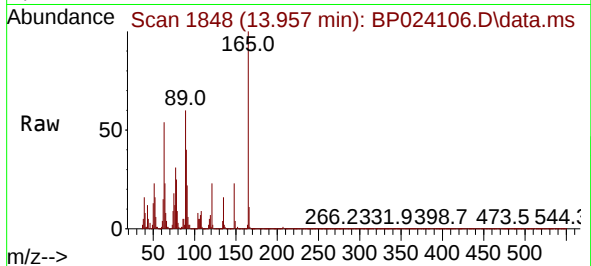




#51
2,6-Dinitrotoluene
Concen: 8.539 ng
RT: 13.957 min Scan# 1848
Delta R.T. -0.026 min
Lab File: BP024106.D
Acq: 20 Feb 2025 13:05

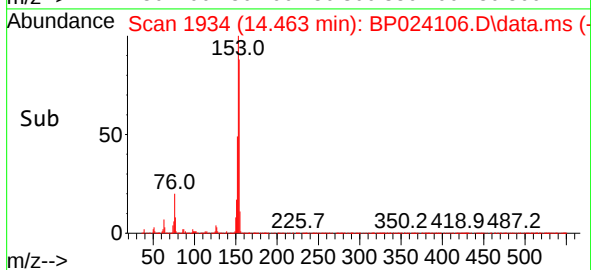
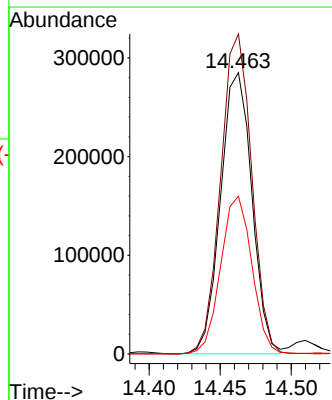
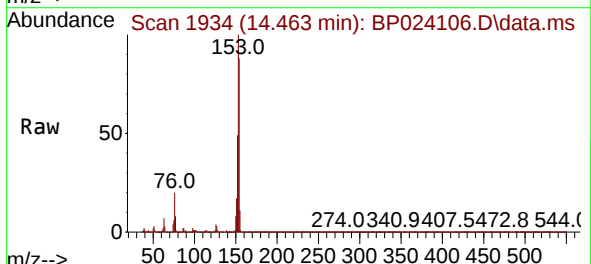
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2025

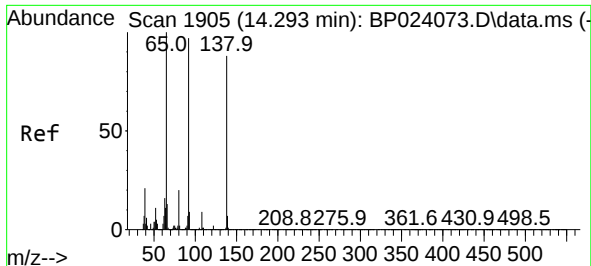
Tgt Ion:165 Resp: 100200
Ion Ratio Lower Upper
165 100
63 53.8 40.1 60.1
89 60.5 44.2 66.4



#52
Acenaphthene
Concen: 9.606 ng
RT: 14.463 min Scan# 1934
Delta R.T. -0.009 min
Lab File: BP024106.D
Acq: 20 Feb 2025 13:05

Tgt Ion:154 Resp: 437233
Ion Ratio Lower Upper
154 100
153 113.8 90.6 135.8
152 56.1 43.6 65.4

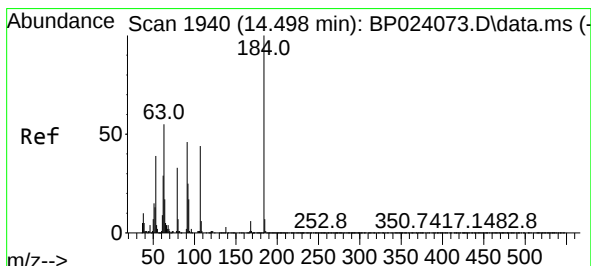
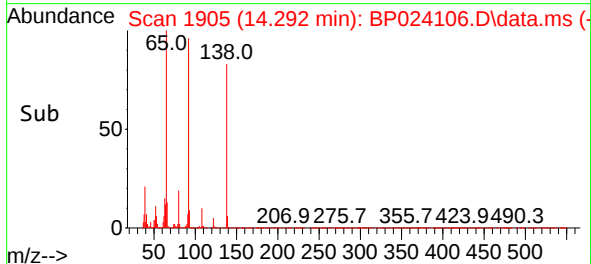
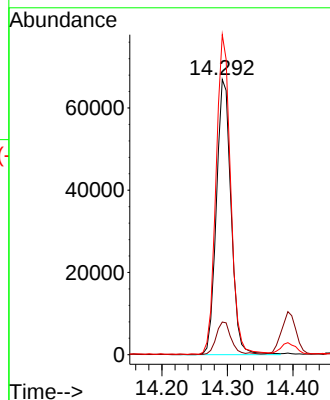
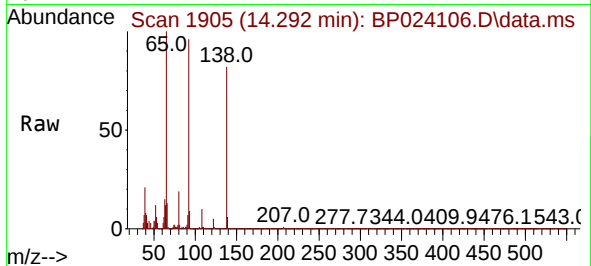




#53
3-Nitroaniline
Concen: 8.279 ng
RT: 14.292 min Scan# 1905
Delta R.T. -0.020 min
Lab File: BP024106.D
Acq: 20 Feb 2025 13:05

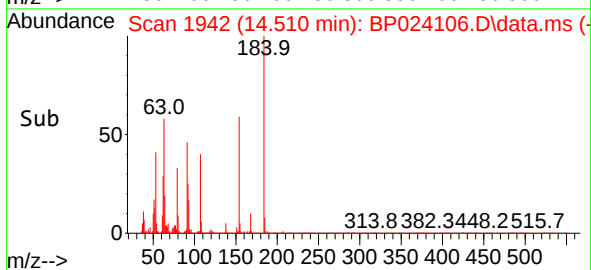
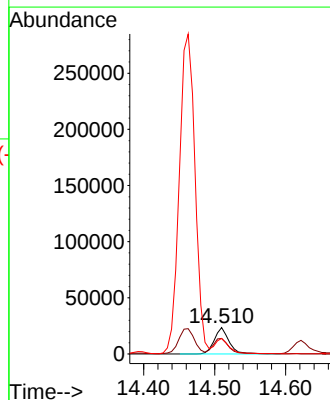
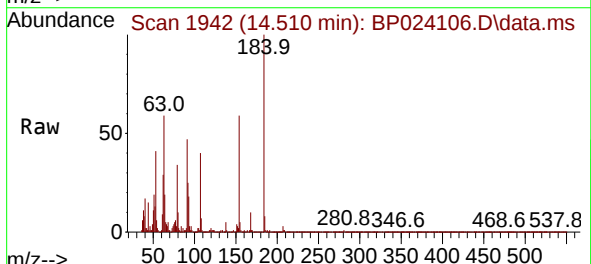
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT1-2025

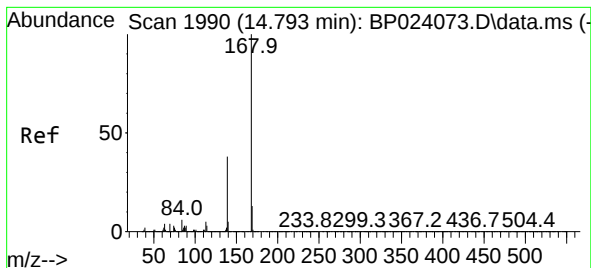
Tgt Ion:138 Resp: 103675
Ion Ratio Lower Upper
138 100
108 11.9 7.8 11.8#
92 116.3 88.4 132.6



#54
2,4-Dinitrophenol
Concen: 11.701 ng
RT: 14.510 min Scan# 1942
Delta R.T. -0.008 min
Lab File: BP024106.D
Acq: 20 Feb 2025 13:05

Tgt Ion:184 Resp: 33609
Ion Ratio Lower Upper
184 100
63 58.7 49.4 74.0
154 58.6 49.2 73.8





#55

Dibenzenofuran

Concen: 9.223 ng

RT: 14.798 min Scan# 1990

Delta R.T. -0.014 min

Lab File: BP024106.D

Acq: 20 Feb 2025 13:05

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT1-2025

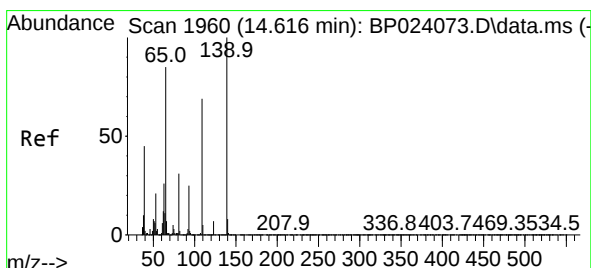
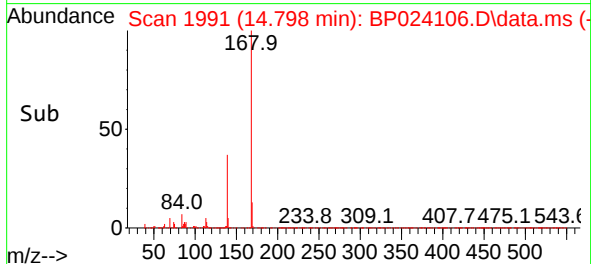
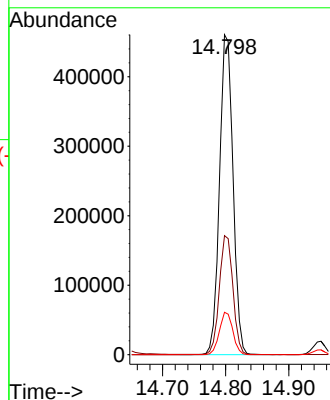
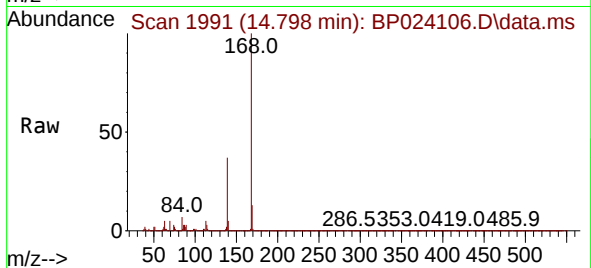
Tgt Ion:168 Resp: 681961

Ion Ratio Lower Upper

168 100

139 37.2 30.2 45.2

169 13.3 10.7 16.1



#56

4-Nitrophenol

Concen: 6.510 ng

RT: 14.622 min Scan# 1961

Delta R.T. -0.014 min

Lab File: BP024106.D

Acq: 20 Feb 2025 13:05

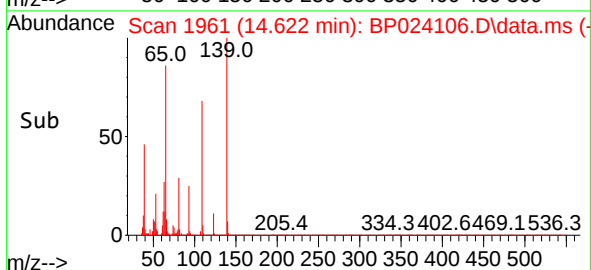
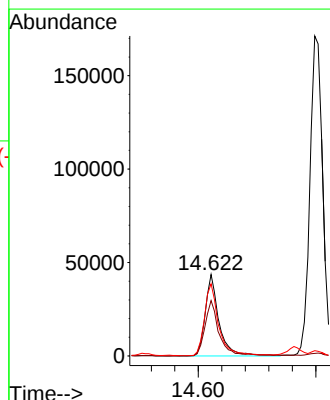
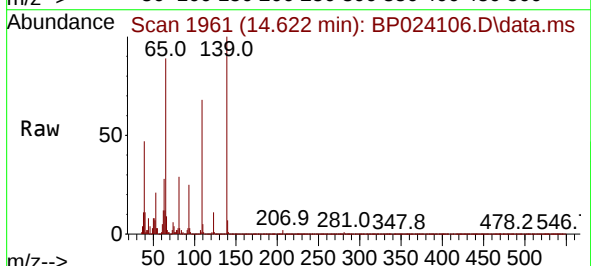
Tgt Ion:139 Resp: 70413

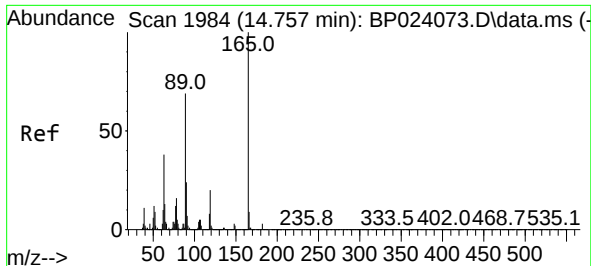
Ion Ratio Lower Upper

139 100

109 67.8 49.2 89.2

65 88.6 65.4 105.4

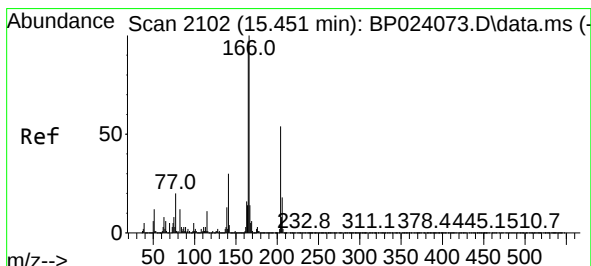
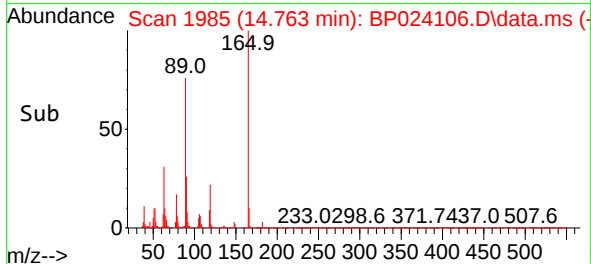
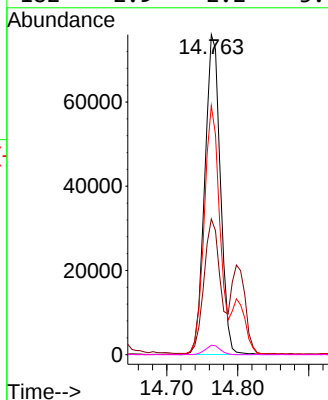
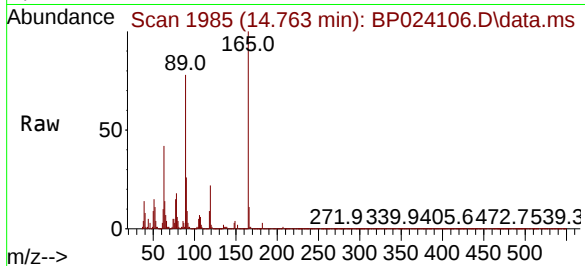




#57
2,4-Dinitrotoluene
Concen: 7.623 ng
RT: 14.763 min Scan# 1984
Delta R.T. -0.014 min
Lab File: BP024106.D
Acq: 20 Feb 2025 13:05

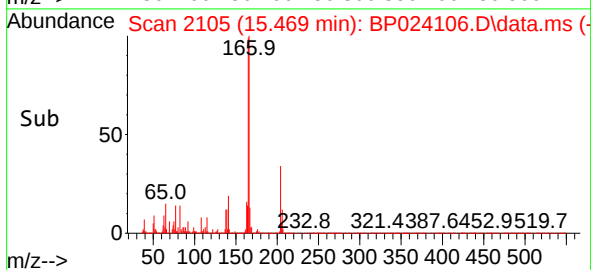
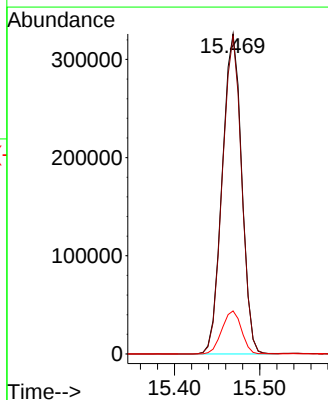
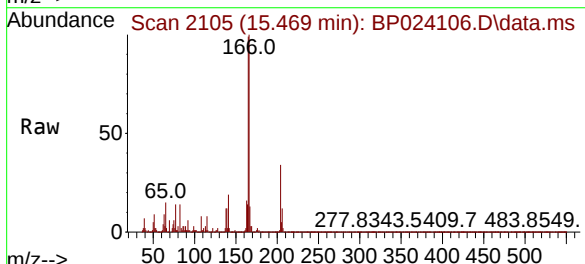
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2025

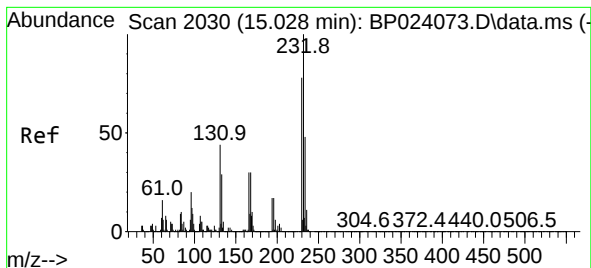
Tgt Ion:	165	Resp:	116209
Ion	Ratio	Lower	Upper
165	100		
63	42.4	30.4	45.6
89	77.8	54.8	82.2
182	2.9	2.2	3.4



#58
Fluorene
Concen: 8.957 ng
RT: 15.469 min Scan# 2105
Delta R.T. -0.003 min
Lab File: BP024106.D
Acq: 20 Feb 2025 13:05

Tgt Ion:	166	Resp:	517233
Ion	Ratio	Lower	Upper
166	100		
165	99.4	77.5	116.3
167	13.4	10.9	16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 7.900 ng

RT: 15.033 min Scan# 2030

Delta R.T. -0.014 min

Lab File: BP024106.D

Acq: 20 Feb 2025 13:05

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT1-2025

Tgt Ion:232 Resp: 114715

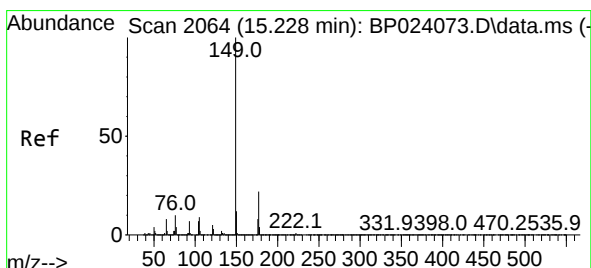
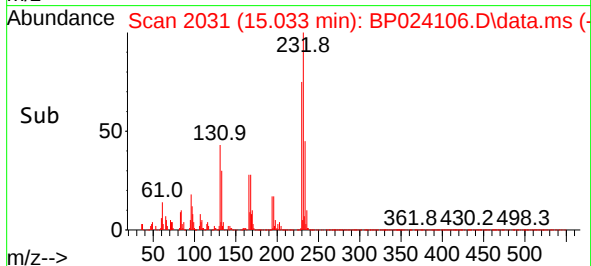
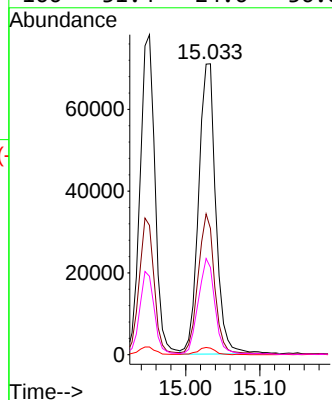
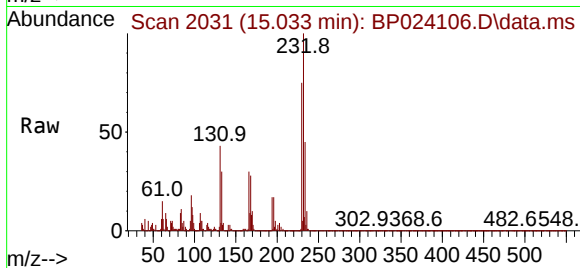
Ion Ratio Lower Upper

232 100

131 46.8 37.3 55.9

130 2.5 1.9 2.9

166 31.4 24.6 36.8



#60

Diethylphthalate

Concen: 8.281 ng

RT: 15.233 min Scan# 2065

Delta R.T. -0.014 min

Lab File: BP024106.D

Acq: 20 Feb 2025 13:05

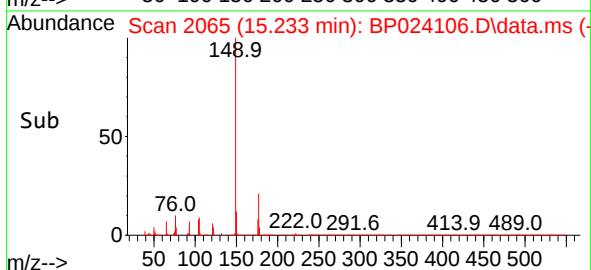
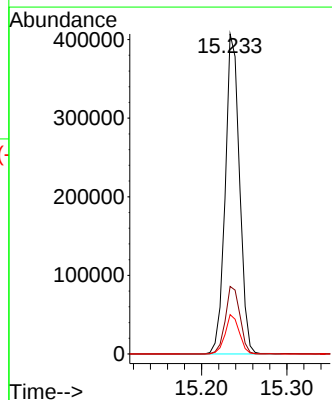
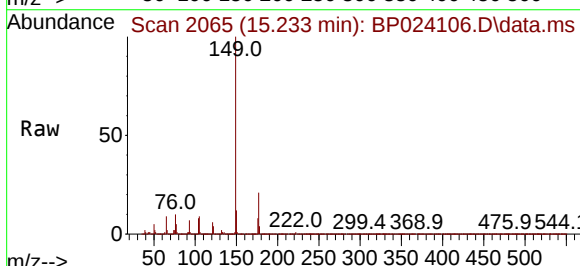
Tgt Ion:149 Resp: 473565

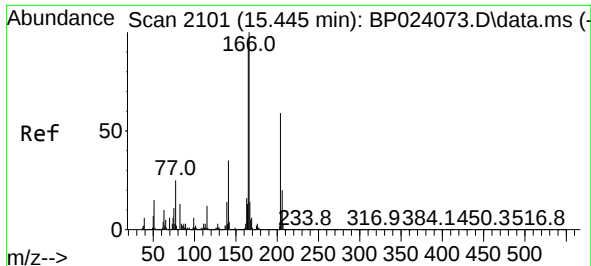
Ion Ratio Lower Upper

149 100

177 21.1 17.9 26.9

150 12.3 9.8 14.6

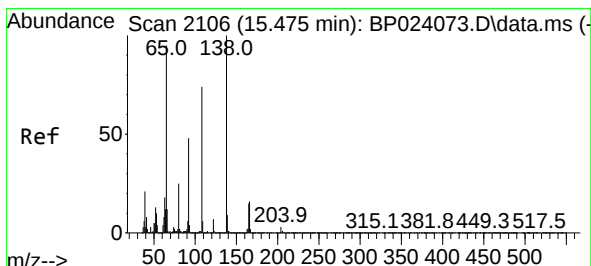
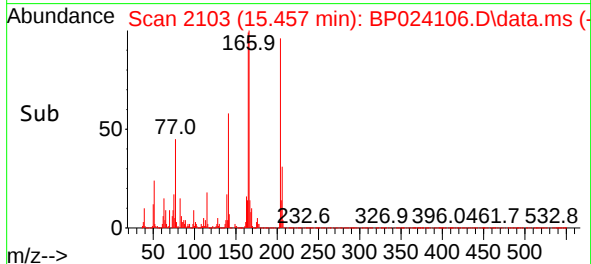
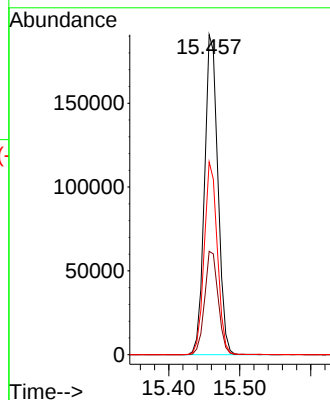
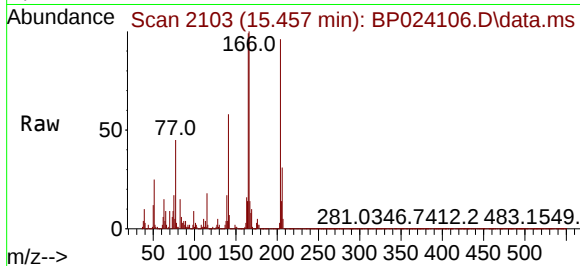




#61
4-Chlorophenyl-phenylether
Concen: 8.795 ng
RT: 15.457 min Scan# 2101
Delta R.T. -0.009 min
Lab File: BP024106.D
Acq: 20 Feb 2025 13:05

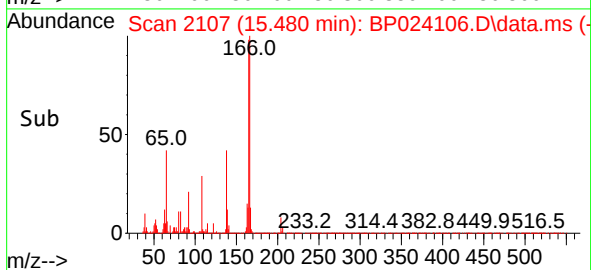
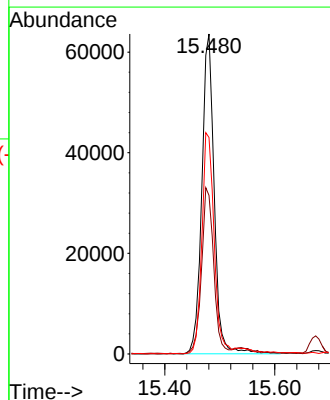
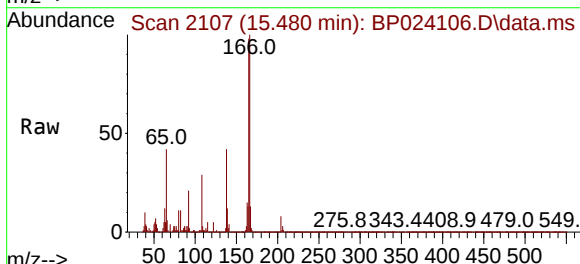
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2025

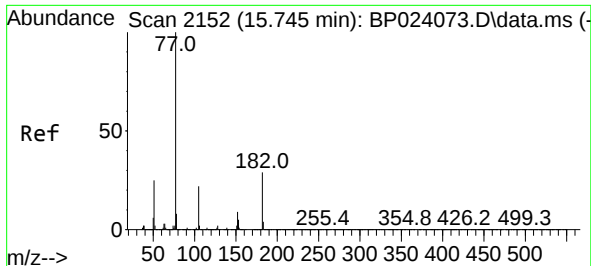
Tgt Ion:204 Resp: 249986
Ion Ratio Lower Upper
204 100
206 32.3 26.6 39.8
141 60.2 47.8 71.6



#62
4-Nitroaniline
Concen: 9.566 ng
RT: 15.480 min Scan# 2107
Delta R.T. -0.015 min
Lab File: BP024106.D
Acq: 20 Feb 2025 13:05

Tgt Ion:138 Resp: 99923
Ion Ratio Lower Upper
138 100
92 49.5 28.3 68.3
108 67.7 54.0 94.0

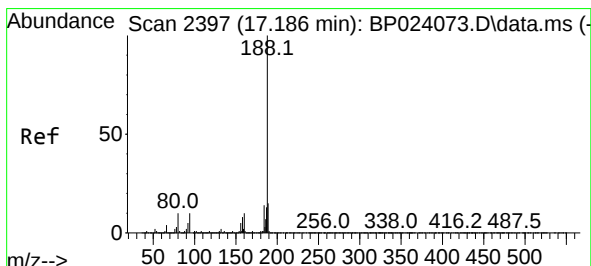
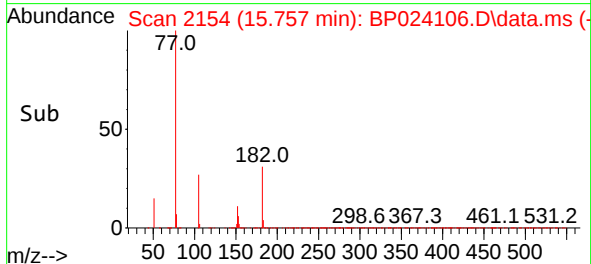
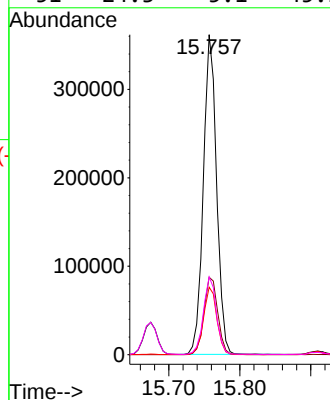
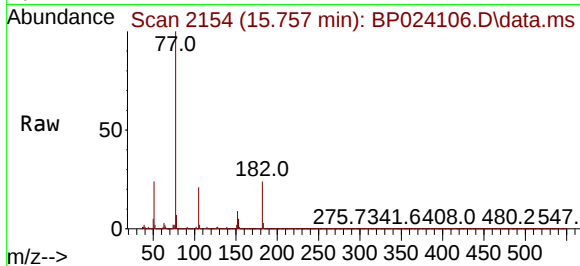




#63
Azobenzene
Concen: 8.764 ng
RT: 15.757 min Scan# 2152
Delta R.T. -0.009 min
Lab File: BP024106.D
Acq: 20 Feb 2025 13:05

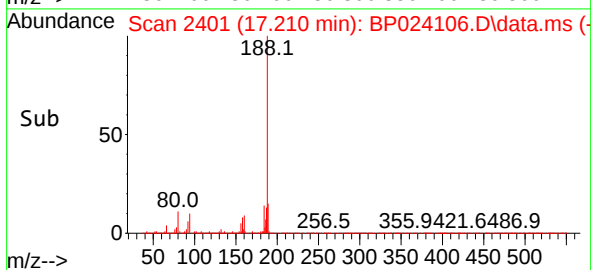
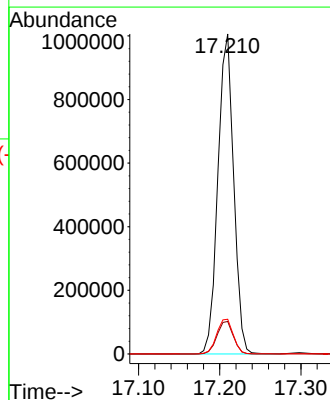
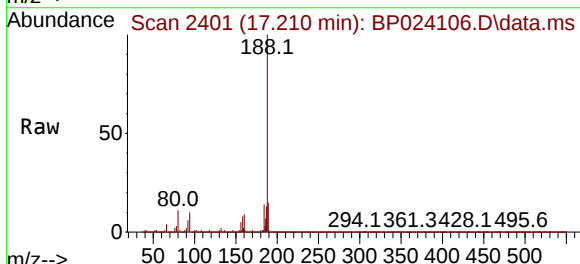
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT1-2025

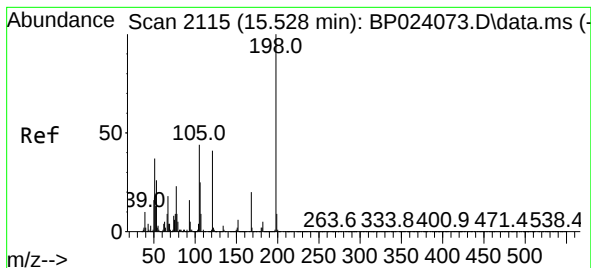
Tgt Ion: 77	Resp: 469667
Ion Ratio	Lower Upper
77 100	
182 24.2	8.5 48.5
105 21.1	1.8 41.8
51 24.3	5.1 45.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.210 min Scan# 2401
Delta R.T. 0.003 min
Lab File: BP024106.D
Acq: 20 Feb 2025 13:05

Tgt Ion:188	Resp: 1358679		
Ion	Ratio	Lower	Upper
188	100		
94	10.2	7.6	11.4
80	10.8	8.2	12.2

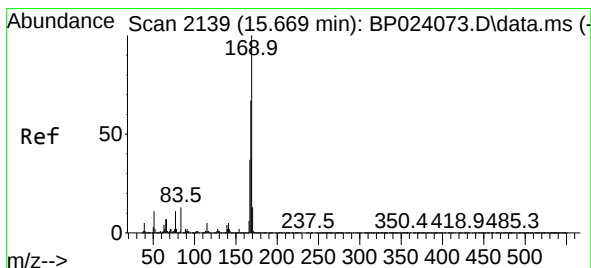
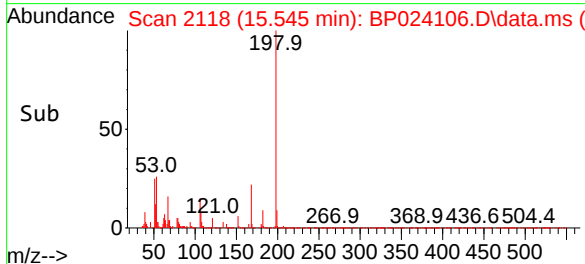
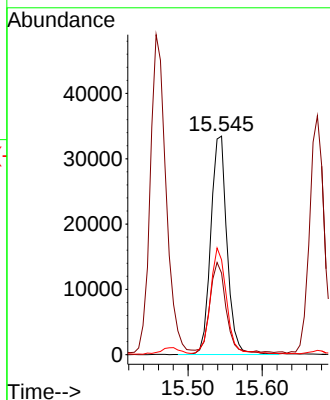
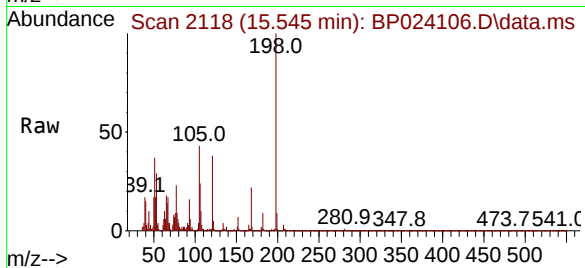




#65
4,6-Dinitro-2-methylphenol
Concen: 11.112 ng
RT: 15.545 min Scan# 2115
Delta R.T. -0.003 min
Lab File: BP024106.D
Acq: 20 Feb 2025 13:05

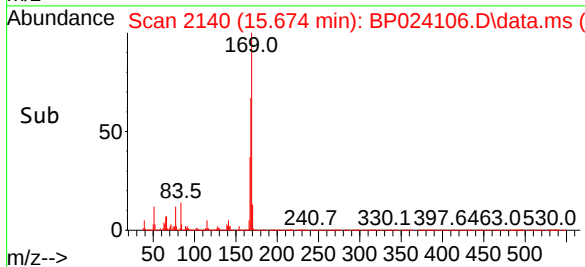
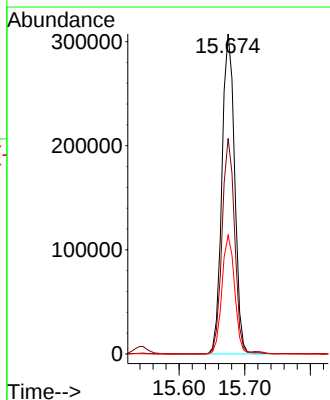
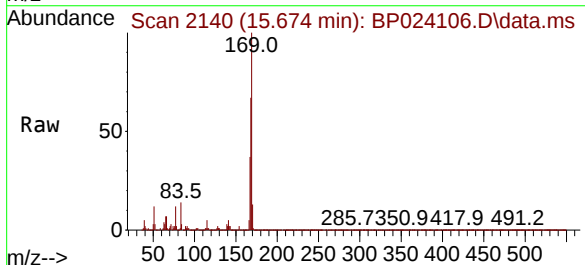
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2025

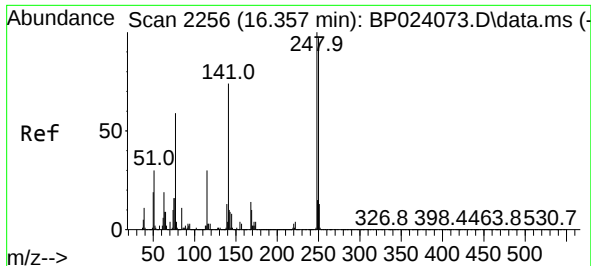
Tgt Ion	Ratio	Lower	Upper
198	100		
51	37.3	18.7	58.7
105	43.4	24.7	64.7



#66
n-Nitrosodiphenylamine
Concen: 9.721 ng
RT: 15.674 min Scan# 2140
Delta R.T. -0.014 min
Lab File: BP024106.D
Acq: 20 Feb 2025 13:05

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.3	53.6	80.4
167	37.1	29.5	44.3

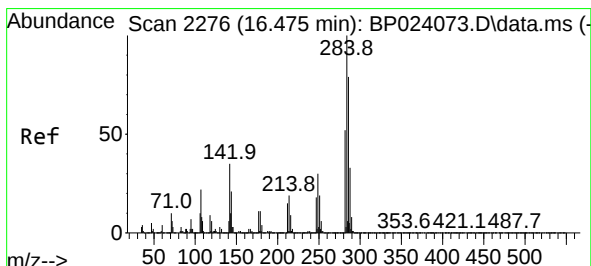
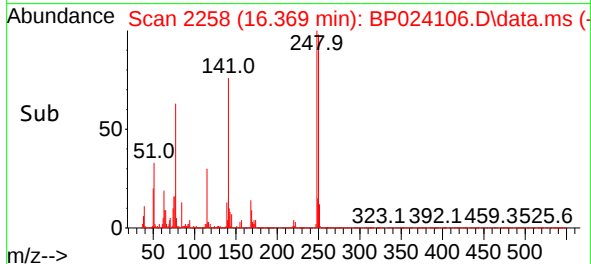
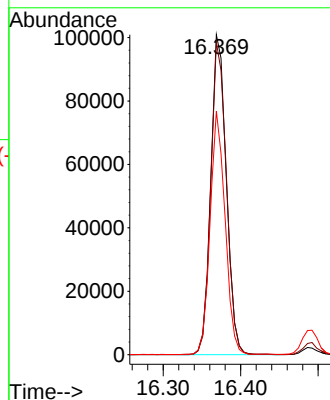
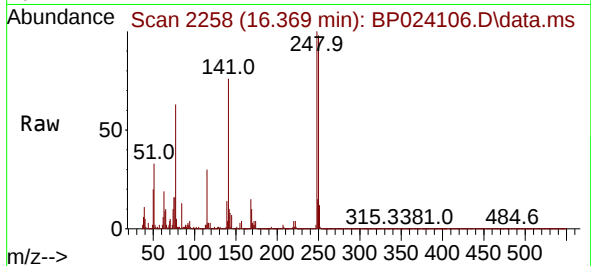




#67
4-Bromophenyl-phenylether
Concen: 9.213 ng
RT: 16.369 min Scan# 21
Delta R.T. -0.009 min
Lab File: BP024106.D
Acq: 20 Feb 2025 13:05

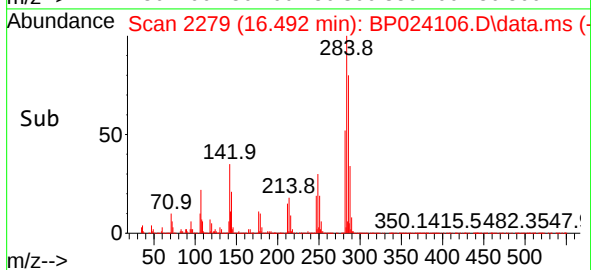
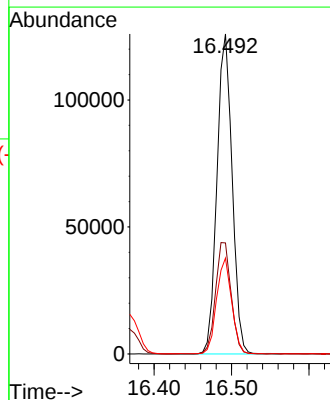
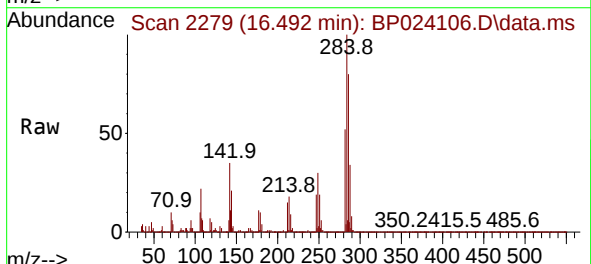
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2025

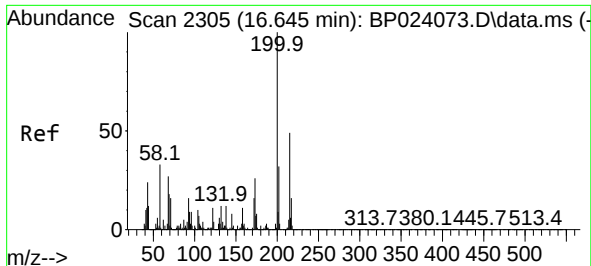
Tgt Ion:248 Resp: 140559
Ion Ratio Lower Upper
248 100
250 97.6 77.9 116.9
141 76.1 58.8 88.2



#68
Hexachlorobenzene
Concen: 9.535 ng
RT: 16.492 min Scan# 2279
Delta R.T. -0.003 min
Lab File: BP024106.D
Acq: 20 Feb 2025 13:05

Tgt Ion:284 Resp: 171172
Ion Ratio Lower Upper
284 100
142 34.7 27.7 41.5
249 29.9 23.8 35.6

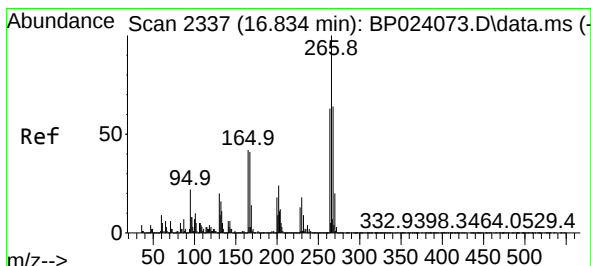
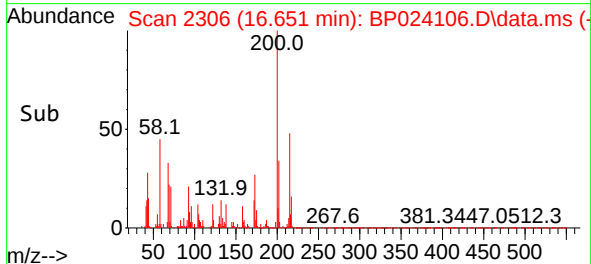
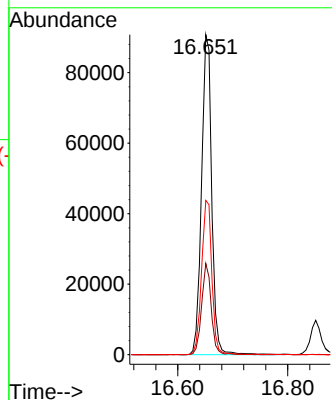
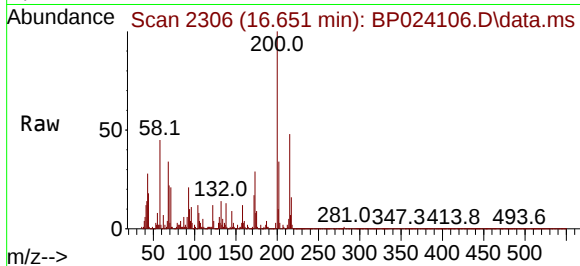




#69
 Atrazine
 Concen: 10.771 ng
 RT: 16.651 min Scan# 21
 Delta R.T. -0.014 min
 Lab File: BP024106.D
 Acq: 20 Feb 2025 13:05

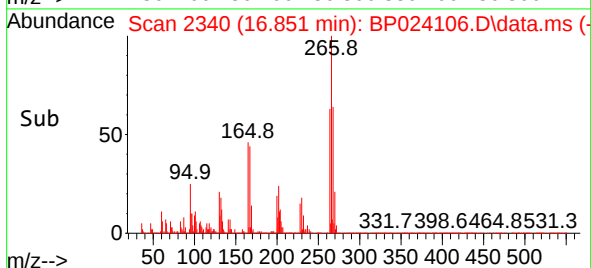
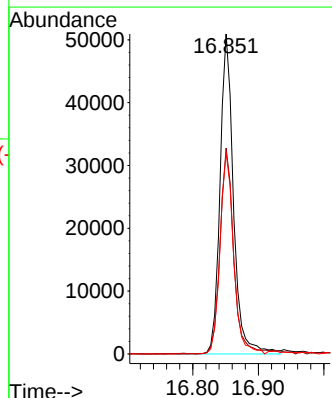
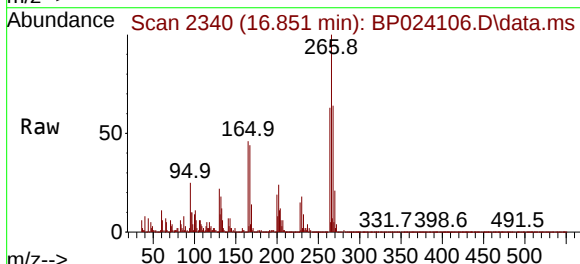
Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-03-QT1-2025

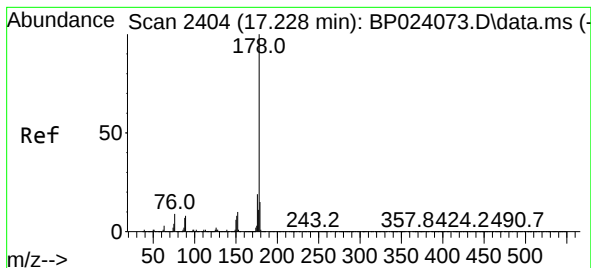
Tgt Ion:200 Resp: 117114
 Ion Ratio Lower Upper
 200 100
 173 28.5 5.7 45.7
 215 48.2 28.7 68.7



#70
 Pentachlorophenol
 Concen: 6.200 ng
 RT: 16.851 min Scan# 2340
 Delta R.T. -0.003 min
 Lab File: BP024106.D
 Acq: 20 Feb 2025 13:05

Tgt Ion:266 Resp: 72298
 Ion Ratio Lower Upper
 266 100
 268 69.1 51.3 76.9
 264 62.9 50.5 75.7





#71

Phenanthrene

Concen: 9.903 ng

RT: 17.245 min Scan# 2404

Delta R.T. -0.003 min

Lab File: BP024106.D

Acq: 20 Feb 2025 13:05

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT1-2025

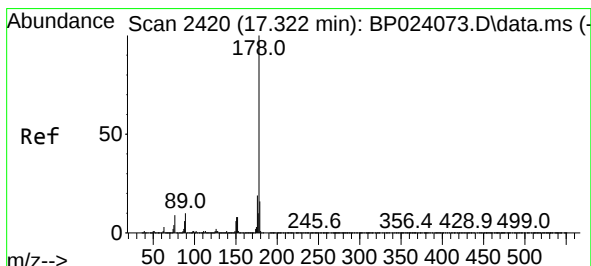
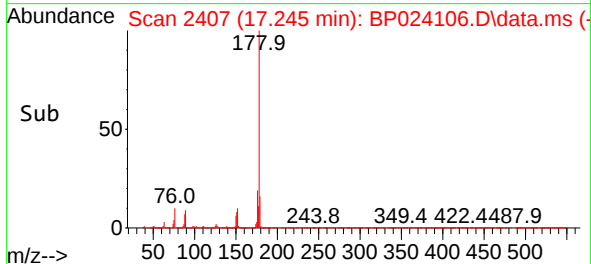
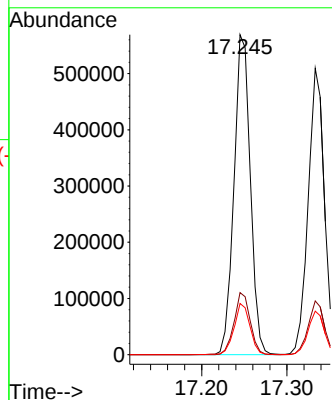
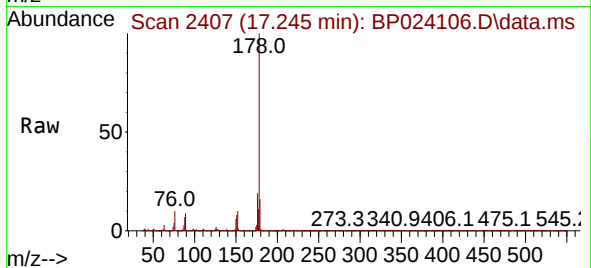
Tgt Ion:178 Resp: 758548

Ion Ratio Lower Upper

178 100

176 19.4 15.5 23.3

179 16.0 12.4 18.6



#72

Anthracene

Concen: 9.303 ng

RT: 17.333 min Scan# 2422

Delta R.T. -0.009 min

Lab File: BP024106.D

Acq: 20 Feb 2025 13:05

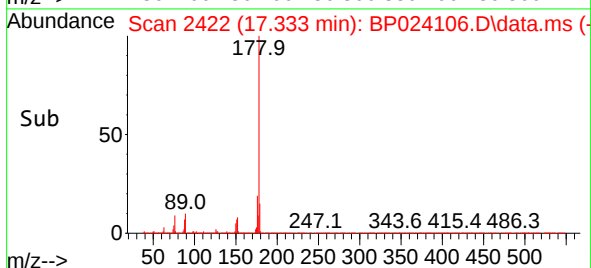
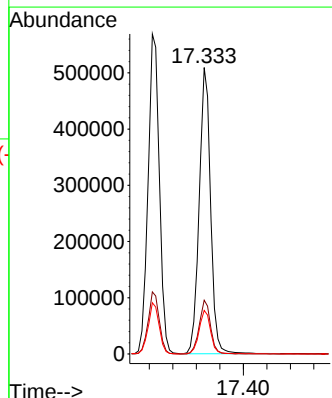
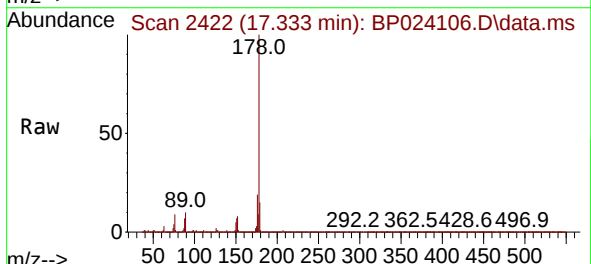
Tgt Ion:178 Resp: 682885

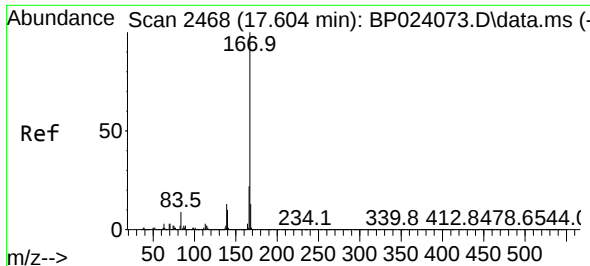
Ion Ratio Lower Upper

178 100

176 18.8 15.4 23.0

179 15.2 12.6 19.0

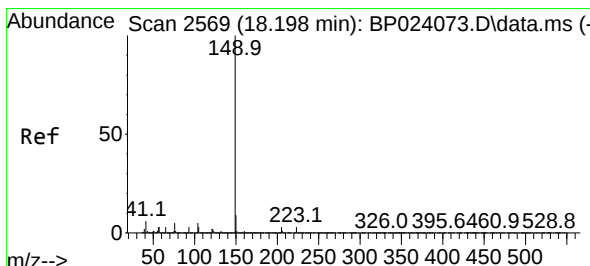
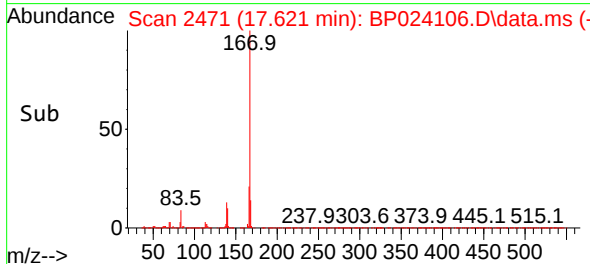
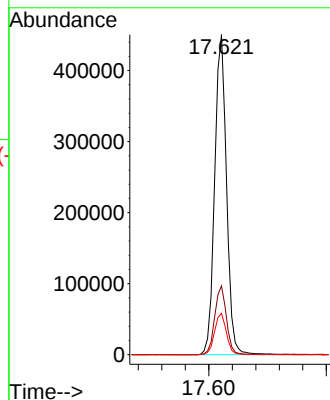
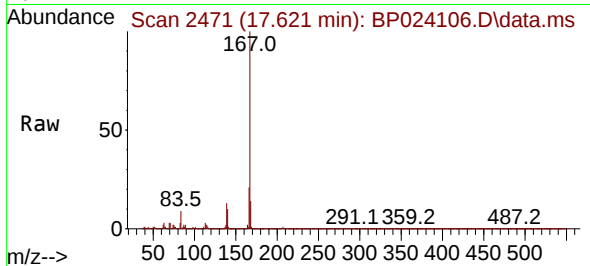




#73
 Carbazole
 Concen: 8.994 ng
 RT: 17.621 min Scan# 24
 Delta R.T. -0.003 min
 Lab File: BP024106.D
 Acq: 20 Feb 2025 13:05

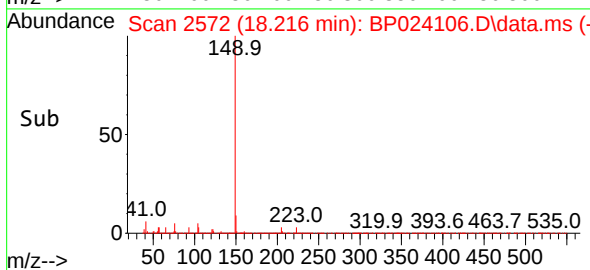
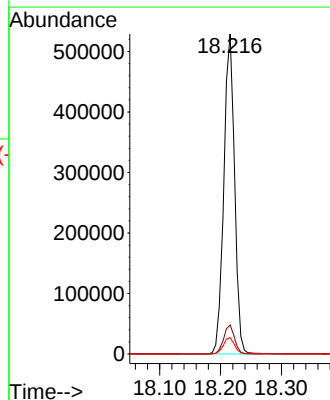
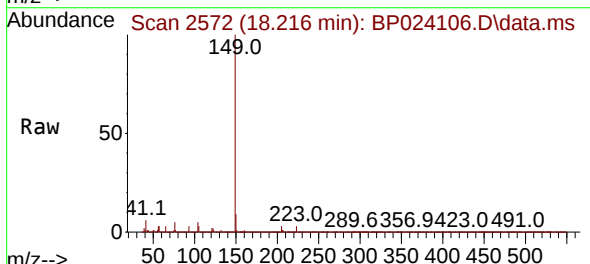
Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-03-QT1-2025

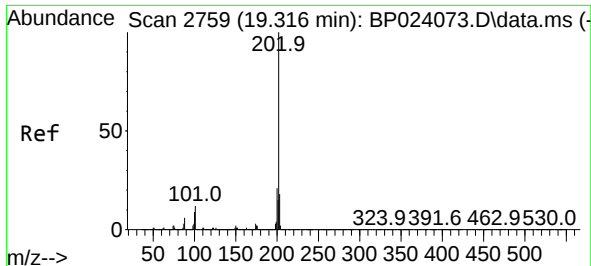
Tgt Ion:167 Resp: 629063
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.3 25.9
 139 13.0 10.3 15.5



#74
 Di-n-butylphthalate
 Concen: 7.937 ng
 RT: 18.216 min Scan# 2572
 Delta R.T. -0.003 min
 Lab File: BP024106.D
 Acq: 20 Feb 2025 13:05

Tgt Ion:149 Resp: 647722
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.2
 104 5.1 4.2 6.2

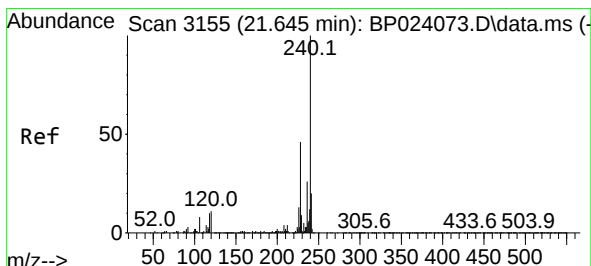
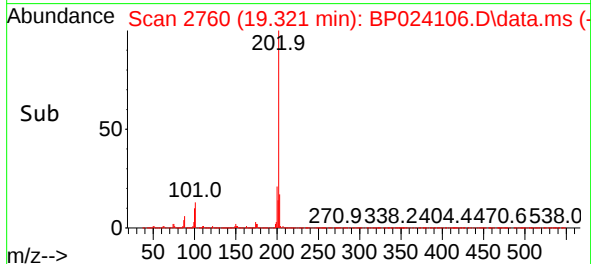
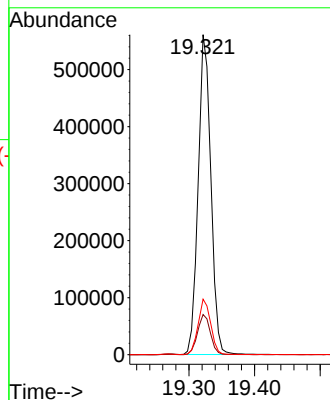
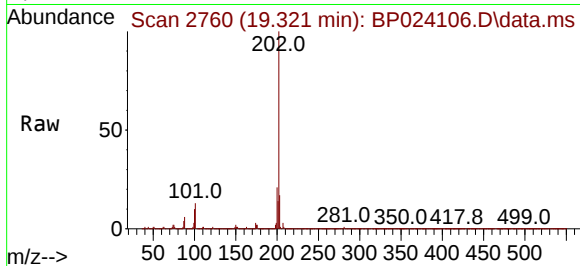




#75
Fluoranthene
Concen: 8.714 ng
RT: 19.321 min Scan# 21
Delta R.T. -0.014 min
Lab File: BP024106.D
Acq: 20 Feb 2025 13:05

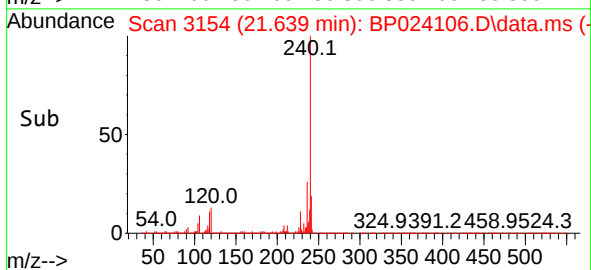
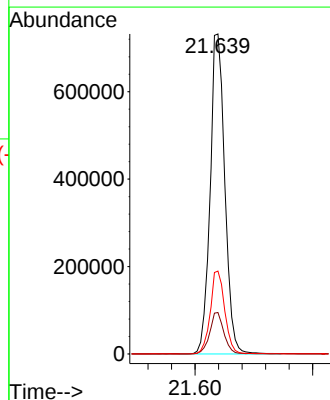
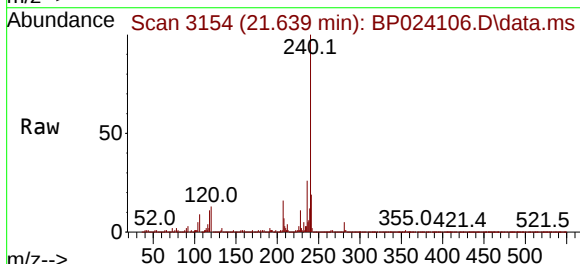
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2025

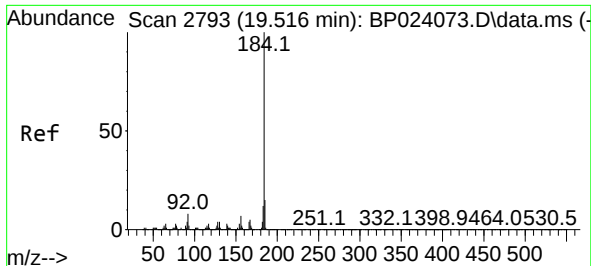
Tgt Ion:202 Resp: 755002
Ion Ratio Lower Upper
202 100
101 12.6 0.0 31.9
203 17.4 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.639 min Scan# 3154
Delta R.T. -0.026 min
Lab File: BP024106.D
Acq: 20 Feb 2025 13:05

Tgt Ion:240 Resp: 1269008
Ion Ratio Lower Upper
240 100
120 13.0 8.9 13.3
236 25.9 20.7 31.1

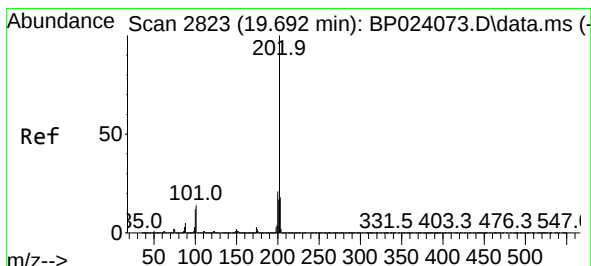
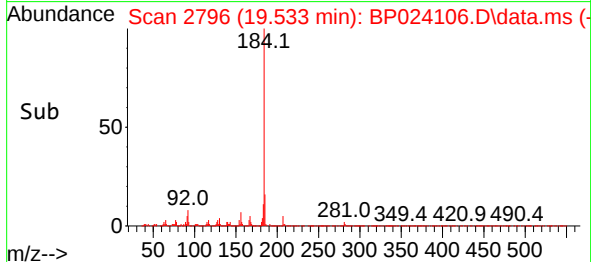
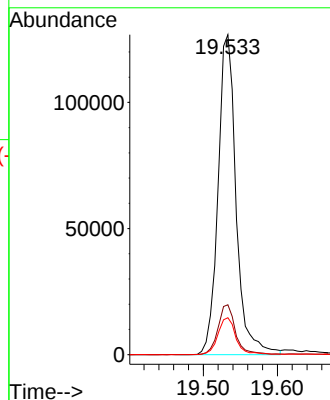
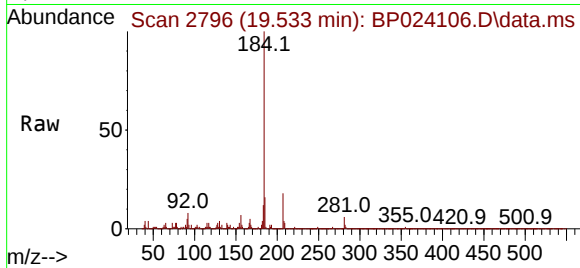




#77
Benzidine
Concen: 13.911 ng
RT: 19.533 min Scan# 21
Delta R.T. -0.003 min
Lab File: BP024106.D
Acq: 20 Feb 2025 13:05

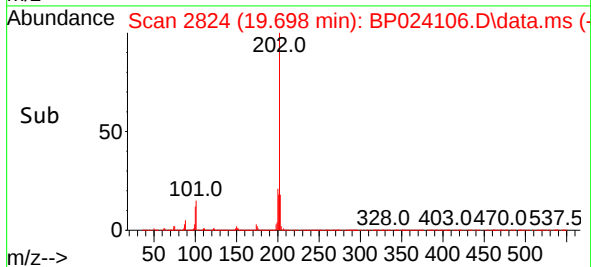
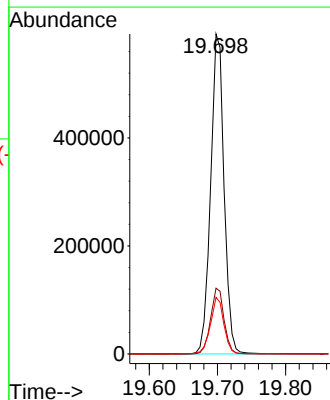
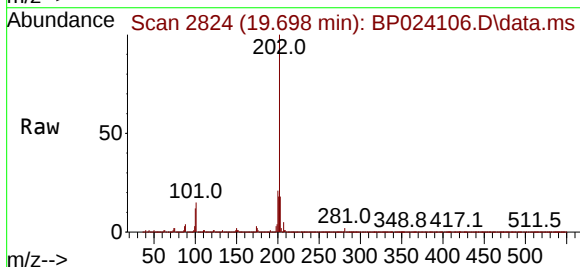
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2025

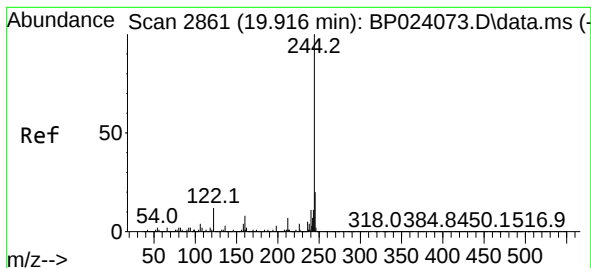
Tgt Ion:184 Resp: 215110
Ion Ratio Lower Upper
184 100
185 15.6 11.8 17.8
183 11.6 9.3 13.9



#78
Pyrene
Concen: 10.071 ng
RT: 19.698 min Scan# 2824
Delta R.T. -0.014 min
Lab File: BP024106.D
Acq: 20 Feb 2025 13:05

Tgt Ion:202 Resp: 811764
Ion Ratio Lower Upper
202 100
200 20.6 17.2 25.8
203 17.7 14.4 21.6





#79

Terphenyl-d14

Concen: 90.385 ng

RT: 19.927 min Scan# 2863

Delta R.T. -0.009 min

Lab File: BP024106.D

Acq: 20 Feb 2025 13:05

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT1-2025

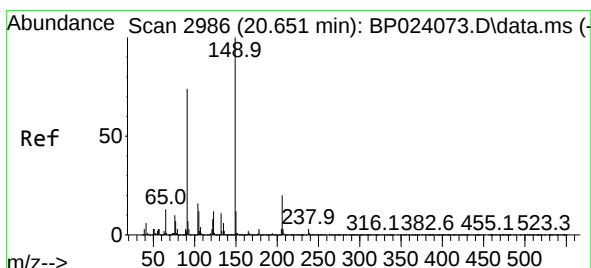
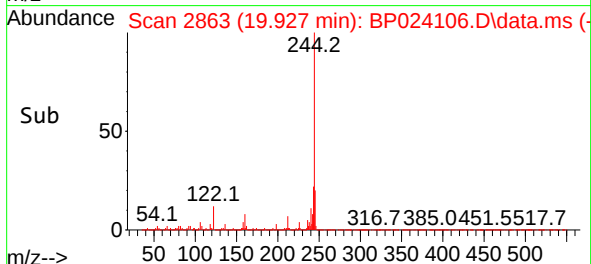
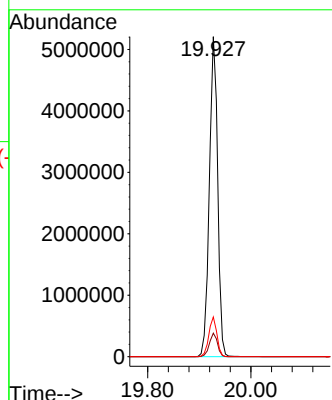
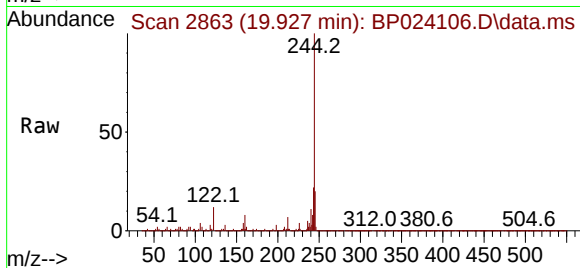
Tgt Ion:244 Resp: 5796587

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

122 12.4 9.4 14.2



#80

Butylbenzylphthalate

Concen: 8.099 ng

RT: 20.651 min Scan# 2986

Delta R.T. -0.020 min

Lab File: BP024106.D

Acq: 20 Feb 2025 13:05

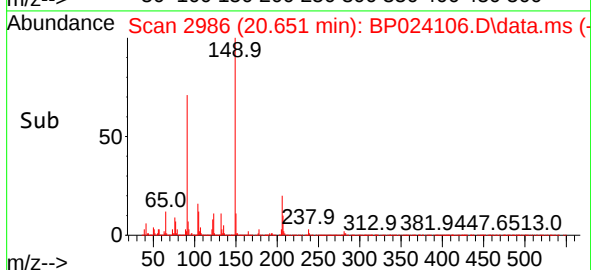
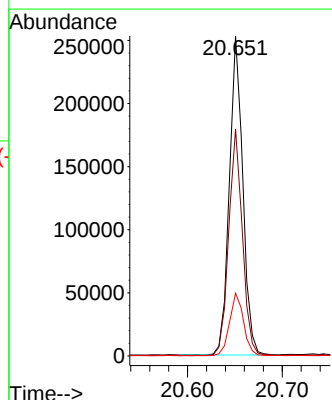
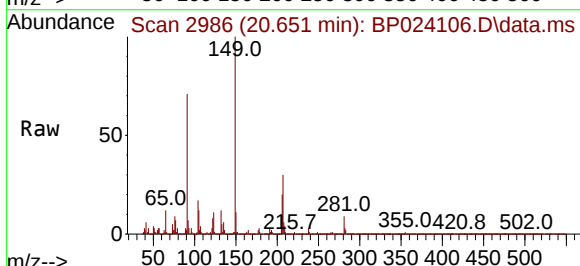
Tgt Ion:149 Resp: 250152

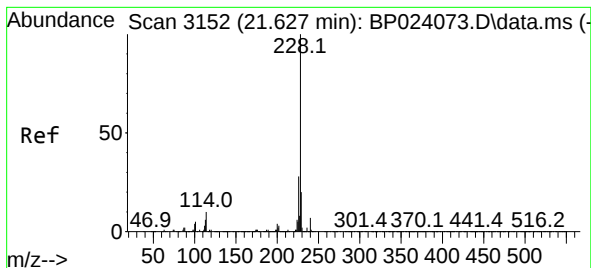
Ion Ratio Lower Upper

149 100

91 70.9 59.4 89.0

206 19.6 16.2 24.2





#81

Benzo(a)anthracene

Concen: 9.608 ng

RT: 21.615 min Scan# 3150

Delta R.T. -0.032 min

Lab File: BP024106.D

Acq: 20 Feb 2025 13:05

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT1-2025

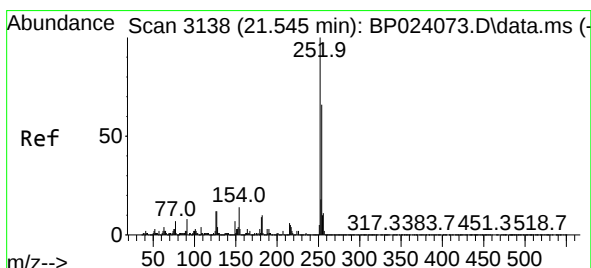
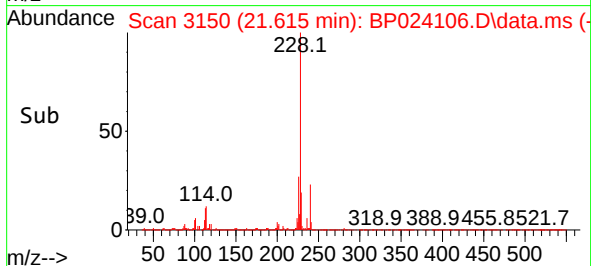
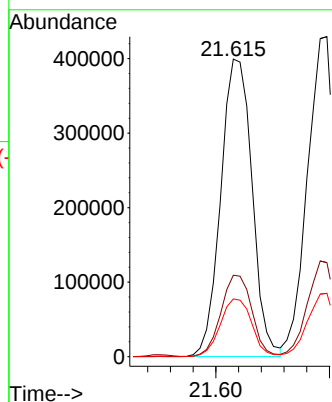
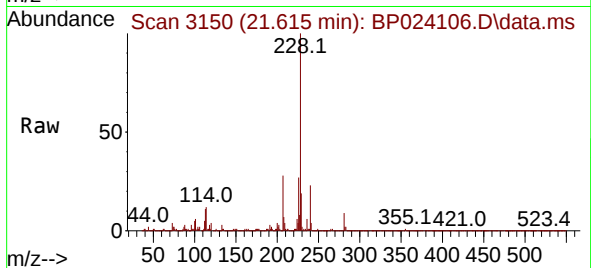
Tgt Ion:228 Resp: 764523

Ion Ratio Lower Upper

228 100

226 27.4 22.2 33.4

229 19.4 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 9.046 ng

RT: 21.551 min Scan# 3139

Delta R.T. -0.014 min

Lab File: BP024106.D

Acq: 20 Feb 2025 13:05

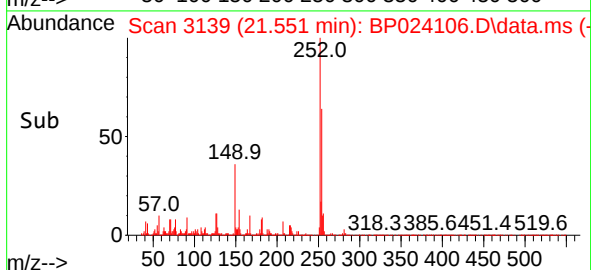
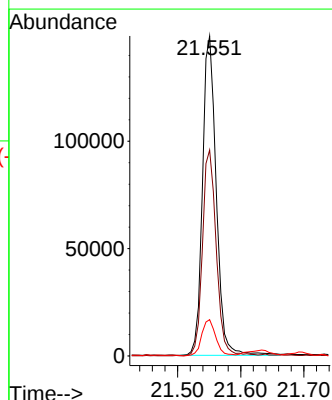
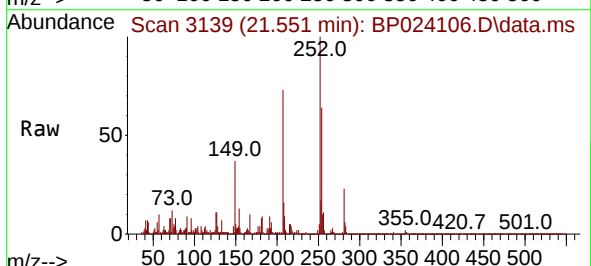
Tgt Ion:252 Resp: 224922

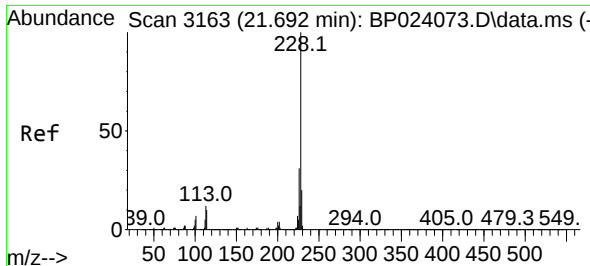
Ion Ratio Lower Upper

252 100

254 64.3 52.4 78.6

126 11.3 9.6 14.4





#83

Chrysene

Concen: 9.675 ng

RT: 21.698 min Scan# 3164

Delta R.T. -0.014 min

Lab File: BP024106.D

Acq: 20 Feb 2025 13:05

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT1-2025

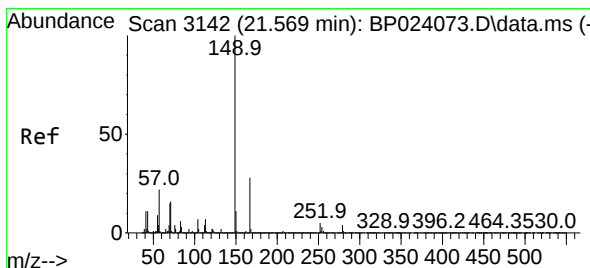
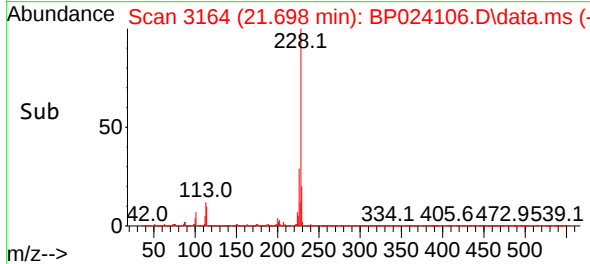
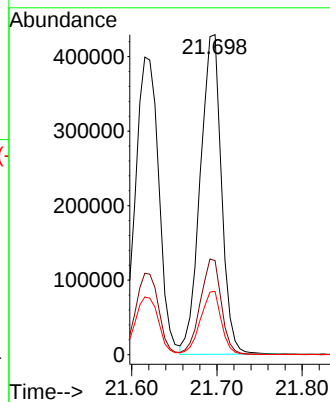
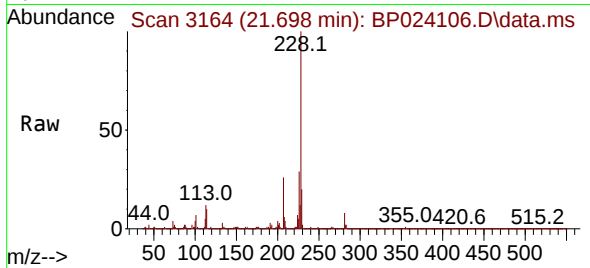
Tgt Ion:228 Resp: 742400

Ion Ratio Lower Upper

228 100

226 29.4 24.5 36.7

229 19.8 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 7.904 ng

RT: 21.562 min Scan# 3141

Delta R.T. -0.026 min

Lab File: BP024106.D

Acq: 20 Feb 2025 13:05

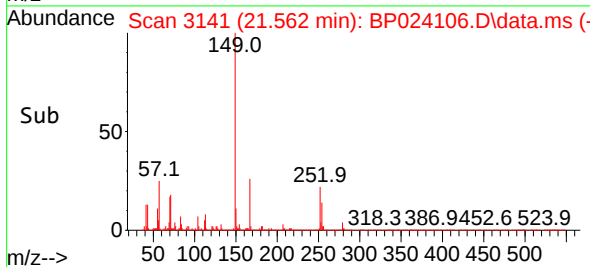
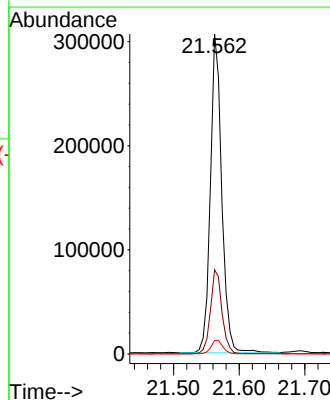
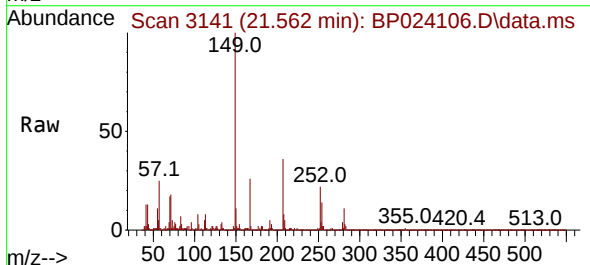
Tgt Ion:149 Resp: 370233

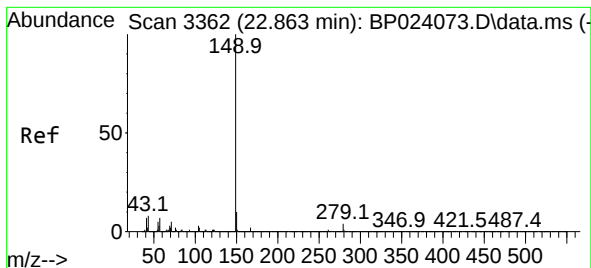
Ion Ratio Lower Upper

149 100

167 26.3 22.2 33.2

279 4.3 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 6.604 ng

RT: 22.862 min Scan# 3362

Delta R.T. -0.021 min

Lab File: BP024106.D

Acq: 20 Feb 2025 13:05

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT1-2025

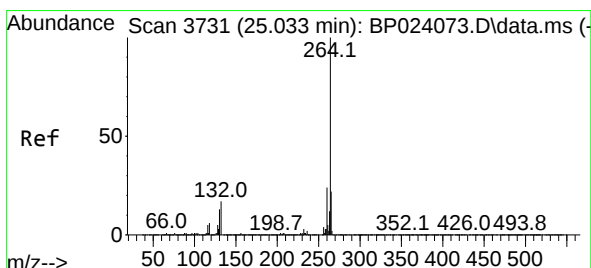
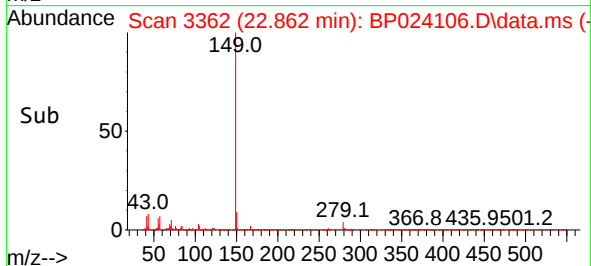
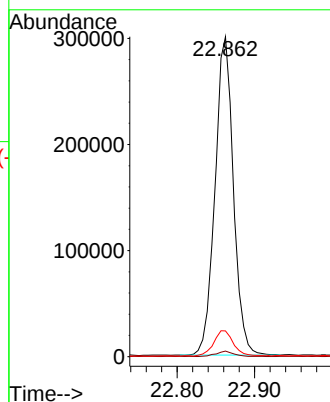
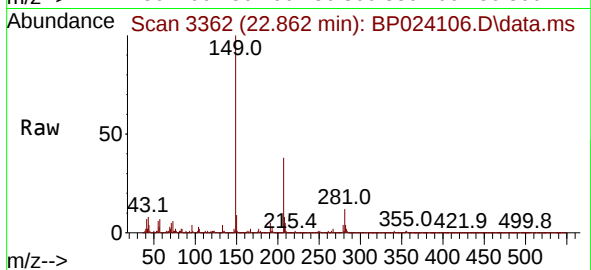
Tgt Ion:149 Resp: 494443

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.6 6.4 9.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.033 min Scan# 3731

Delta R.T. -0.020 min

Lab File: BP024106.D

Acq: 20 Feb 2025 13:05

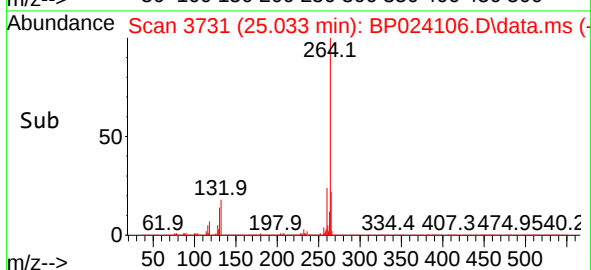
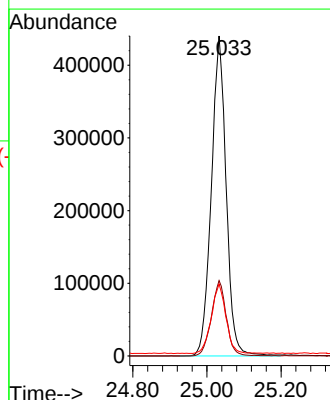
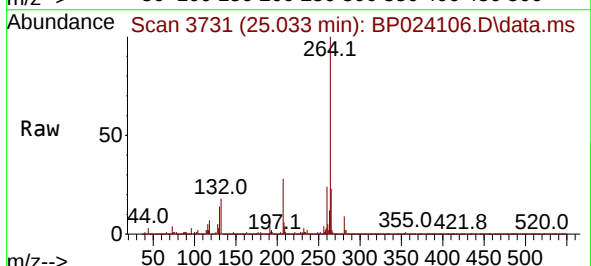
Tgt Ion:264 Resp: 1221785

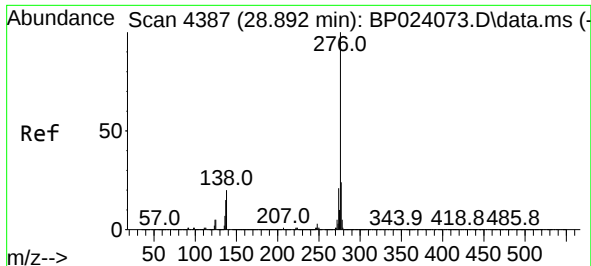
Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.6

265 22.5 17.8 26.8

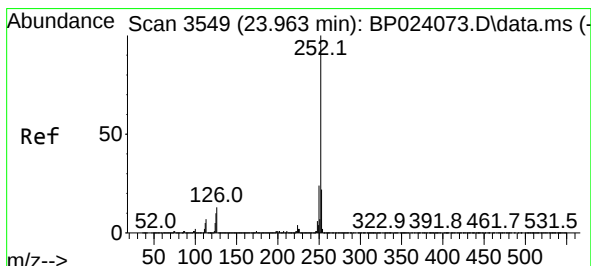
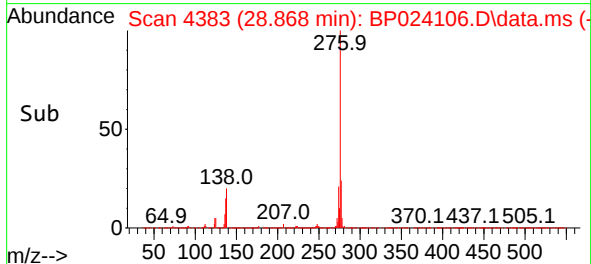
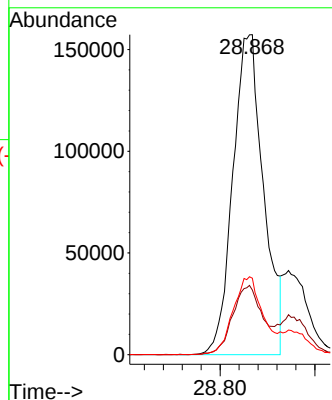
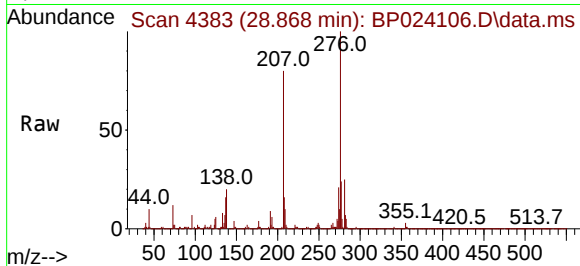




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 8.144 ng
 RT: 28.868 min Scan# 41
 Delta R.T. -0.044 min
 Lab File: BP024106.D
 Acq: 20 Feb 2025 13:05

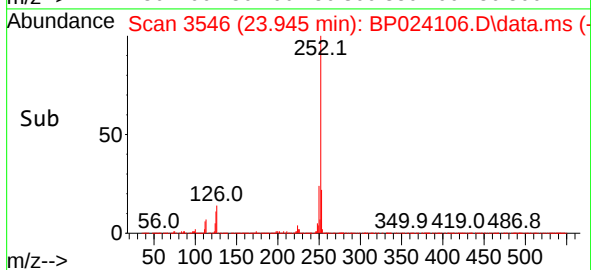
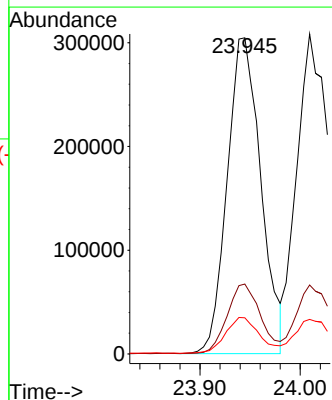
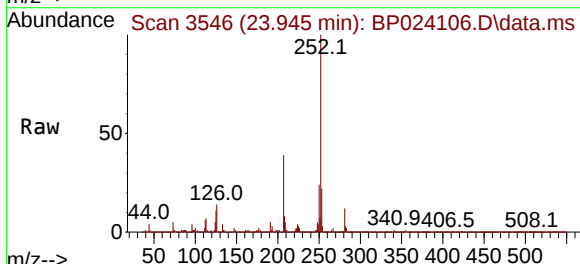
Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-03-QT1-2025

Tgt Ion:276 Resp: 707891
 Ion Ratio Lower Upper
 276 100
 138 21.5 14.2 21.4#
 277 23.6 16.2 24.4



#88
 Benzo(b)fluoranthene
 Concen: 9.170 ng
 RT: 23.945 min Scan# 3546
 Delta R.T. -0.038 min
 Lab File: BP024106.D
 Acq: 20 Feb 2025 13:05

Tgt Ion:252 Resp: 711452
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.8 26.6
 125 11.4 8.4 12.6

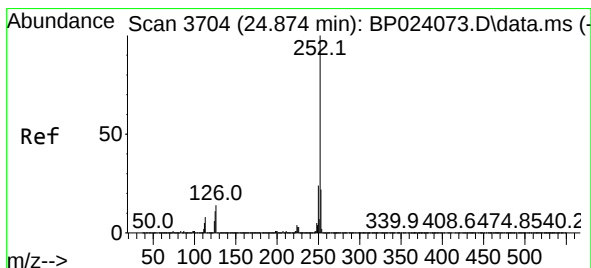
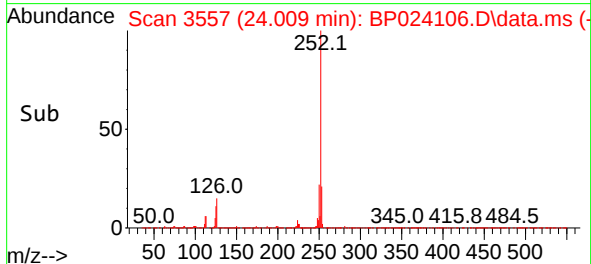
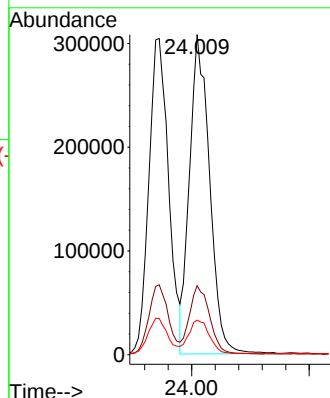
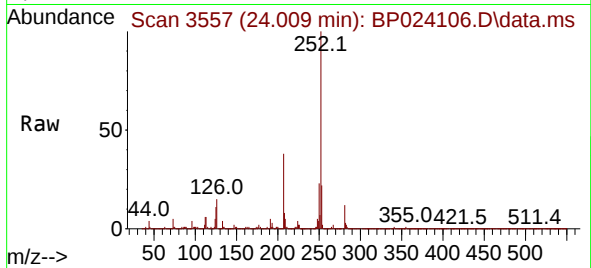




#89
Benzo(k)fluoranthene
Concen: 9.642 ng
RT: 24.009 min Scan# 31
Delta R.T. -0.044 min
Lab File: BP024106.D
Acq: 20 Feb 2025 13:05

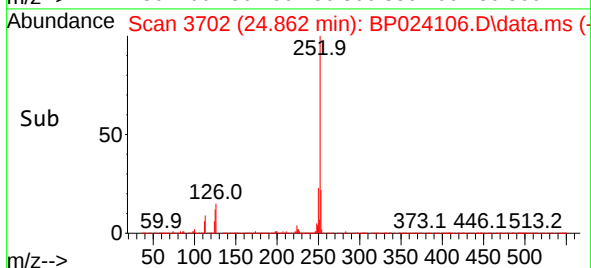
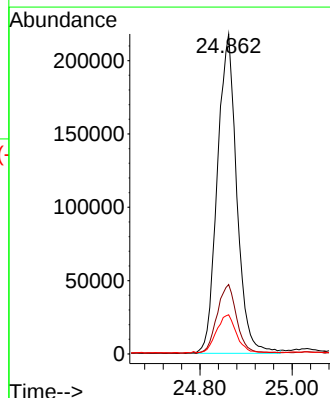
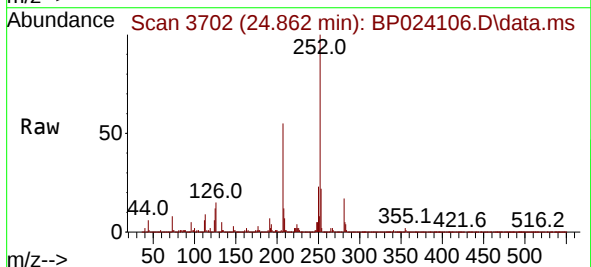
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2025

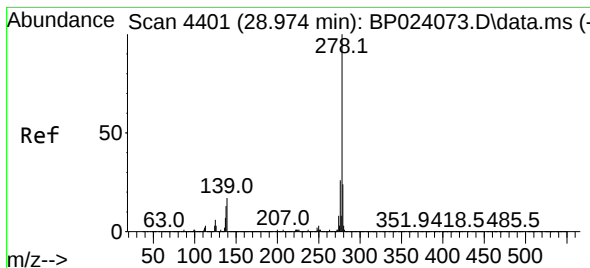
Tgt Ion:252 Resp: 728173
Ion Ratio Lower Upper
252 100
253 21.5 17.8 26.6
125 10.8 8.1 12.1



#90
Benzo(a)pyrene
Concen: 9.652 ng
RT: 24.862 min Scan# 3702
Delta R.T. -0.032 min
Lab File: BP024106.D
Acq: 20 Feb 2025 13:05

Tgt Ion:252 Resp: 635517
Ion Ratio Lower Upper
252 100
253 21.7 17.6 26.4
125 12.3 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 9.709 ng

RT: 28.944 min Scan# 41

Delta R.T. -0.050 min

Lab File: BP024106.D

Acq: 20 Feb 2025 13:05

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT1-2025

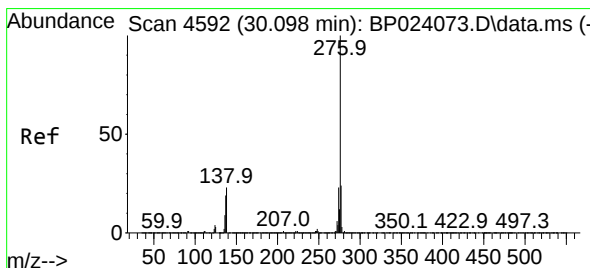
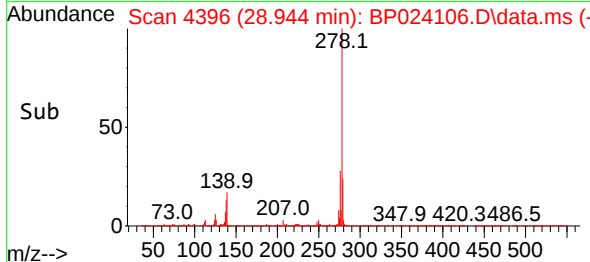
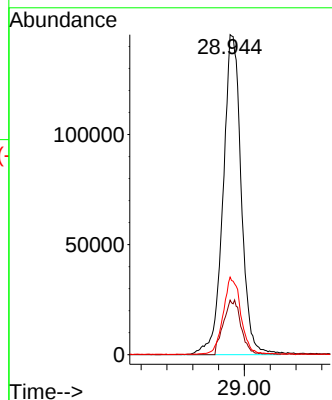
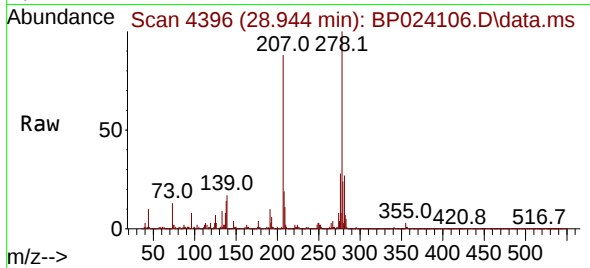
Tgt Ion:278 Resp: 709576

Ion Ratio Lower Upper

278 100

139 17.1 13.4 20.0

279 24.3 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 9.014 ng

RT: 30.050 min Scan# 4584

Delta R.T. -0.067 min

Lab File: BP024106.D

Acq: 20 Feb 2025 13:05

Tgt Ion:276 Resp: 668463

Ion Ratio Lower Upper

276 100

277 23.8 18.9 28.3

138 22.3 18.1 27.1

