

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022025\
 Data File : BP024105.D
 Acq On : 20 Feb 2025 12:25
 Operator : RC/JU
 Sample : Q1168-09
 Misc : MDL-MDL-WATER 4PPM
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Feb 20 12:52:03 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	7.758	152	376063	20.000	ng	0.00
21) Naphthalene-d8	10.534	136	1660041	20.000	ng	0.00
39) Acenaphthene-d10	14.398	164	1030585	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	1923603	20.000	ng	0.02
76) Chrysene-d12	21.651	240	1769288	20.000	ng	0.00
86) Perylene-d12	25.045	264	1674666	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.370	112	2547737	105.711	ng	0.00
7) Phenol-d6	6.940	99	3494394	112.809	ng	0.00
23) Nitrobenzene-d5	8.905	82	2758395	92.701	ng	0.00
42) 2,4,6-Tribromophenol	15.910	330	1397542	110.709	ng	0.00
45) 2-Fluorobiphenyl	12.999	172	6532308	88.611	ng	0.00
79) Terphenyl-d14	19.928	244	8283873	92.646	ng	0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.311	88	41003	4.337	ng	97
3) Pyridine	3.717	79	100002	4.068	ng	97
4) n-Nitrosodimethylamine	3.617	42	36886	4.230	ng	# 98
6) Aniline	7.093	93	153075	5.396	ng	100
8) 2-Chlorophenol	7.328	128	111793	4.382	ng	96
9) Benzaldehyde	6.911	77	103522	7.320	ng	99
10) Phenol	6.964	94	141358	4.538	ng	95
11) bis(2-Chloroethyl)ether	7.187	93	115235	4.697	ng	97
12) 1,3-Dichlorobenzene	7.652	146	124659	4.448	ng	98
13) 1,4-Dichlorobenzene	7.793	146	128081	4.519	ng	98
14) 1,2-Dichlorobenzene	8.111	146	124713	4.585	ng	98
15) Benzyl Alcohol	7.999	79	85609	4.515	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.275	45	127992	5.374	ng	99
17) 2-Methylphenol	8.199	107	80433	4.237	ng	97
18) Hexachloroethane	8.828	117	46364	4.543	ng	93
19) n-Nitroso-di-n-propyla...	8.552	70	82467	4.951	ng	98
20) 3+4-Methylphenols	8.522	107	107720	4.172	ng	94
22) Acetophenone	8.569	105	185667	4.352	ng	98
24) Nitrobenzene	8.946	77	139074	4.749	ng	96
25) Isophorone	9.469	82	211220	4.341	ng	97
26) 2-Nitrophenol	9.658	139	43168	3.200	ng	97
27) 2,4-Dimethylphenol	9.716	122	65627	3.706	ng	98
28) bis(2-Chloroethoxy)met...	9.952	93	153572	4.357	ng	99
29) 2,4-Dichlorophenol	10.193	162	81835	3.386	ng	98
30) 1,2,4-Trichlorobenzene	10.399	180	111255	4.018	ng	97
31) Naphthalene	10.587	128	376432	4.217	ng	100
32) Benzoic acid	9.787	122	35225	9.088	ng	99
33) 4-Chloroaniline	10.699	127	132629	4.218	ng	99
34) Hexachlorobutadiene	10.875	225	65420	4.079	ng	98
35) Caprolactam	11.469	113	21639	7.923	ng	97
36) 4-Chloro-3-methylphenol	11.828	107	85605	3.445	ng	99
37) 2-Methylnaphthalene	12.199	142	256806	4.329	ng	98
38) 1-Methylnaphthalene	12.416	142	239984	4.158	ng	98
40) 1,2,4,5-Tetrachloroben...	12.569	216	128177	4.048	ng	99
41) Hexachlorocyclopentadiene	12.552	237	38622	3.278	ng	99
43) 2,4,6-Trichlorophenol	12.816	196	62582	3.241	ng	98

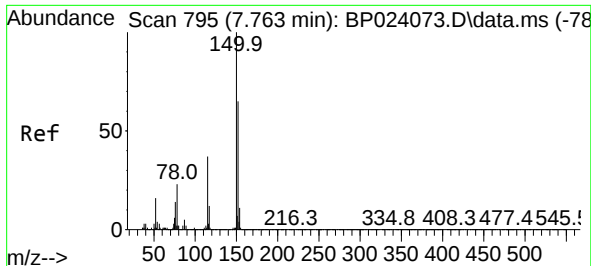
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 18 02:25:07 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.887	196	69421	3.287	ng	98
46) 1,1'-Biphenyl	13.216	154	352624	4.403	ng	99
47) 2-Chloronaphthalene	13.251	162	251990	4.162	ng	99
48) 2-Nitroaniline	13.463	65	49292	3.447	ng	93
49) Acenaphthylene	14.116	152	360403	4.041	ng	99
50) Dimethylphthalate	13.846	163	298134	4.101	ng	99
51) 2,6-Dinitrotoluene	13.957	165	52457	3.542	ng	94
52) Acenaphthene	14.457	154	241651	4.207	ng	99
53) 3-Nitroaniline	14.293	138	53653	3.395	ng #	95
54) 2,4-Dinitrophenol	14.510	184	16660	9.320	ng	97
55) Dibenzofuran	14.798	168	384539	4.121	ng	99
56) 4-Nitrophenol	14.628	139	33916	2.485	ng	98
57) 2,4-Dinitrotoluene	14.763	165	62010	3.224	ng	92
58) Fluorene	15.469	166	297169	4.078	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.028	232	60113	3.281	ng	98
60) Diethylphthalate	15.234	149	287756	3.988	ng	100
61) 4-Chlorophenyl-phenyle...	15.457	204	145214	4.049	ng	98
62) 4-Nitroaniline	15.475	138	51409	5.847	ng	95
63) Azobenzene	15.757	77	265734	3.930	ng	97
65) 4,6-Dinitro-2-methylph...	15.540	198	26497	7.885	ng	96
66) n-Nitrosodiphenylamine	15.675	169	237165	3.954	ng	99
67) 4-Bromophenyl-phenylether	16.369	248	85465	3.957	ng	99
68) Hexachlorobenzene	16.487	284	104574	4.114	ng	99
69) Atrazine	16.651	200	70193	4.560	ng	99
70) Pentachlorophenol	16.851	266	40621	2.461	ng	98
71) Phenanthrene	17.245	178	457871	4.222	ng	100
72) Anthracene	17.334	178	405728	3.904	ng	99
73) Carbazole	17.622	167	369049	3.727	ng	99
74) Di-n-butylphthalate	18.216	149	395601	3.424	ng	100
75) Fluoranthene	19.328	202	459458	3.746	ng	99
77) Benzidine	19.534	184	111839	5.187	ng	98
78) Pyrene	19.704	202	491029	4.369	ng	98
80) Butylbenzylphthalate	20.657	149	145766	3.385	ng	99
81) Benzo(a)anthracene	21.633	228	463804	4.181	ng	99
82) 3,3'-Dichlorobenzidine	21.557	252	118083	3.406	ng	100
83) Chrysene	21.704	228	449987	4.206	ng	98
84) Bis(2-ethylhexyl)phtha...	21.575	149	210841	3.229	ng	97
85) Di-n-octyl phthalate	22.869	149	273188	2.617	ng	98
87) Indeno(1,2,3-cd)pyrene	28.874	276	389290	3.268	ng	94
88) Benzo(b)fluoranthene	23.951	252	401852	3.779	ng	98
89) Benzo(k)fluoranthene	24.022	252	415541	4.014	ng	98
90) Benzo(a)pyrene	24.869	252	352713	3.908	ng #	98
91) Dibenzo(a,h)anthracene	28.968	278	379041	3.784	ng	98
92) Benzo(g,h,i)perylene	30.056	276	360006	3.542	ng	98

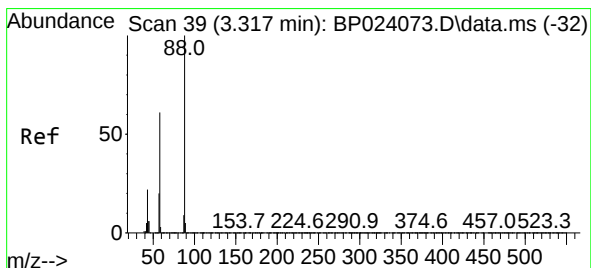
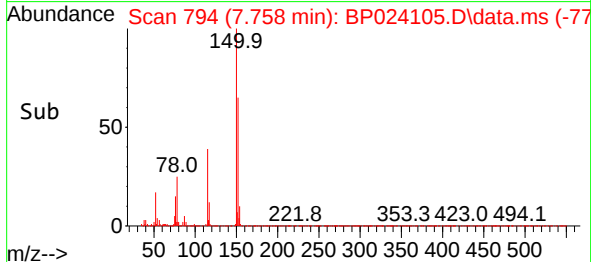
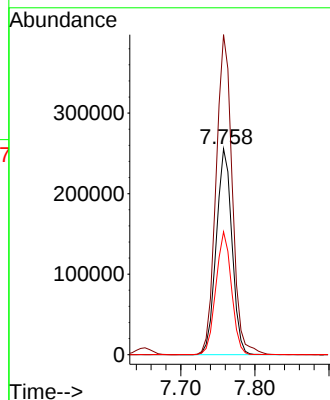
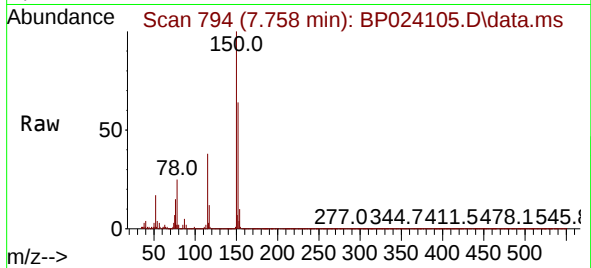
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.758 min Scan# 794
Delta R.T. -0.005 min
Lab File: BP024105.D
Acq: 20 Feb 2025 12:25

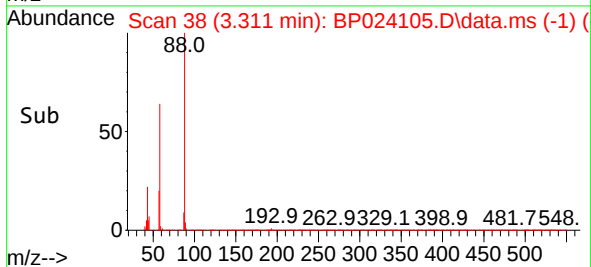
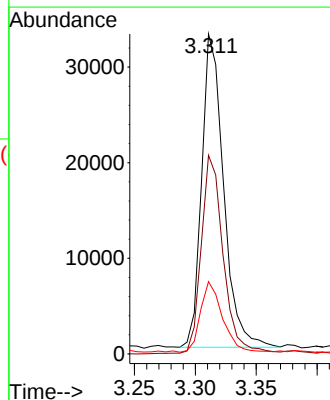
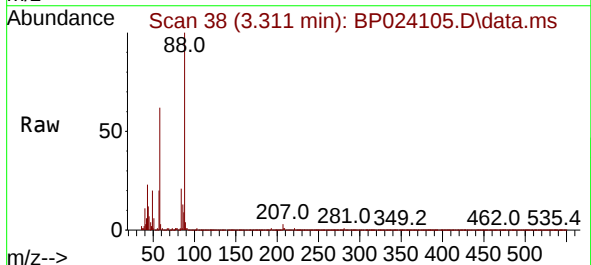
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ClientSampleId :
MDL-WATER-03-QT1-2025

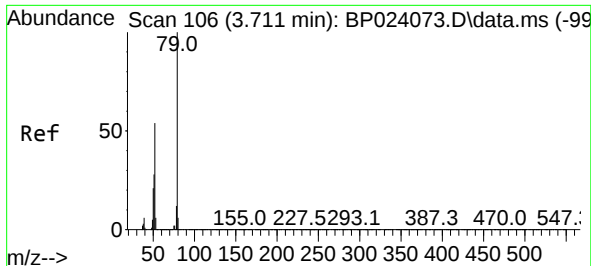
Tgt Ion:152 Resp: 376063
Ion Ratio Lower Upper
152 100
150 155.4 122.4 183.6
115 59.6 45.0 67.6



#2
1,4-Dioxane
Concen: 4.337 ng
RT: 3.311 min Scan# 38
Delta R.T. -0.006 min
Lab File: BP024105.D
Acq: 20 Feb 2025 12:25

Tgt Ion: 88 Resp: 41003
Ion Ratio Lower Upper
88 100
58 64.0 49.1 73.7
43 22.6 18.0 27.0

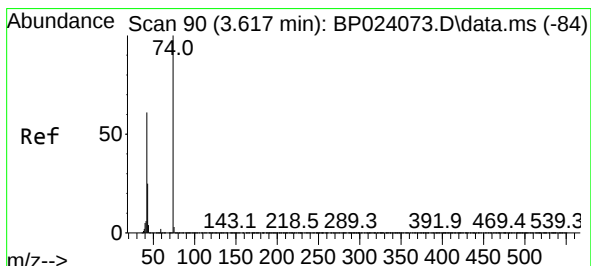
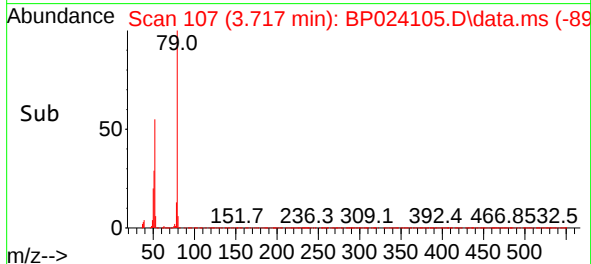
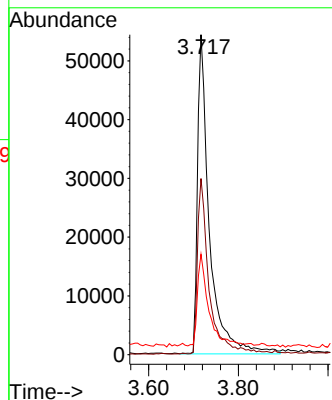
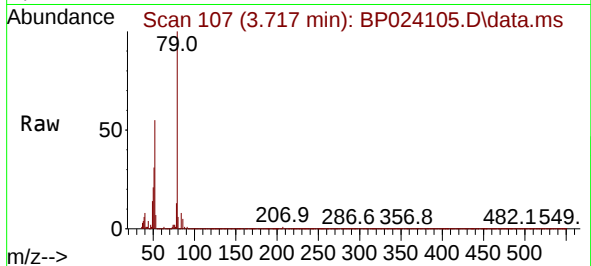




#3
Pyridine
Concen: 4.068 ng
RT: 3.717 min Scan# 106
Delta R.T. 0.006 min
Lab File: BP024105.D
Acq: 20 Feb 2025 12:25

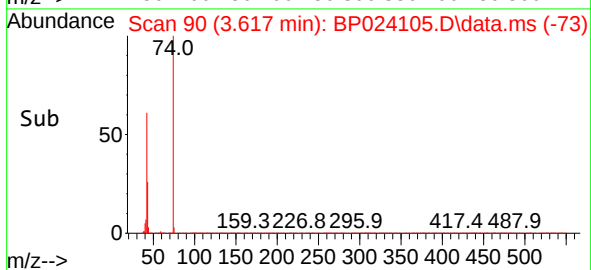
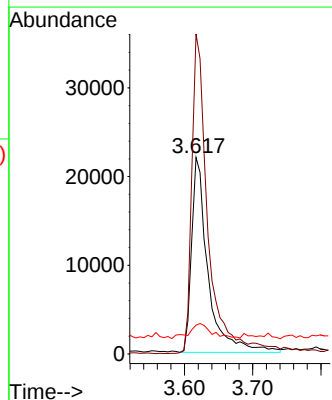
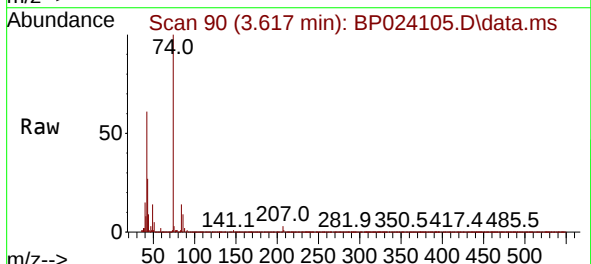
Instrument :
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MDL-WATER-03-QT1-2025

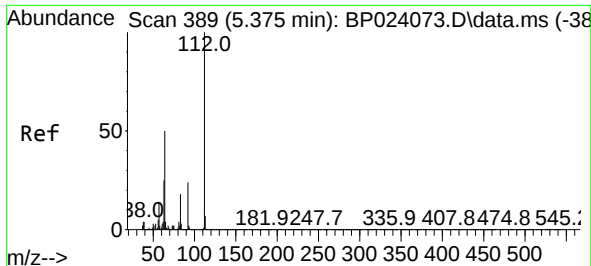
Tgt Ion: 79 Resp: 100002
Ion Ratio Lower Upper
79 100
52 55.0 43.5 65.3
51 31.4 22.2 33.4



#4
n-Nitrosodimethylamine
Concen: 4.230 ng
RT: 3.617 min Scan# 90
Delta R.T. 0.000 min
Lab File: BP024105.D
Acq: 20 Feb 2025 12:25

Tgt Ion: 42 Resp: 36886
Ion Ratio Lower Upper
42 100
74 162.8 132.0 198.0
44 14.6 5.3 7.9

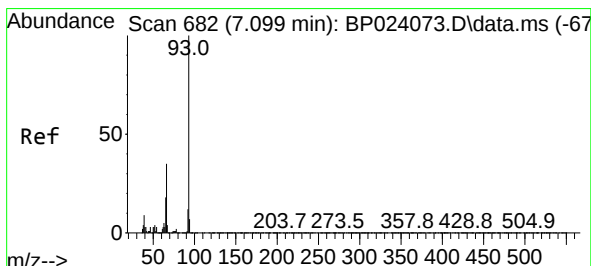
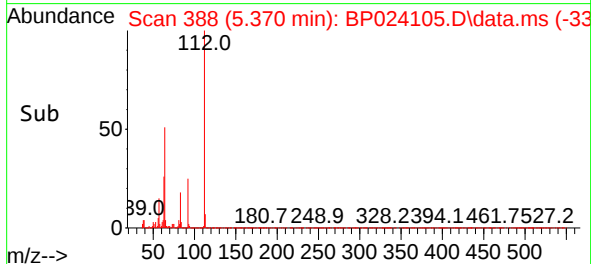
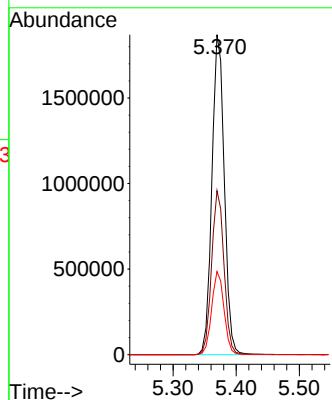
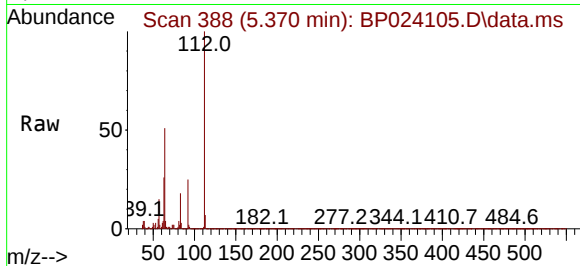




#5
2-Fluorophenol
Concen: 105.711 ng
RT: 5.370 min Scan# 389
Delta R.T. -0.006 min
Lab File: BP024105.D
Acq: 20 Feb 2025 12:25

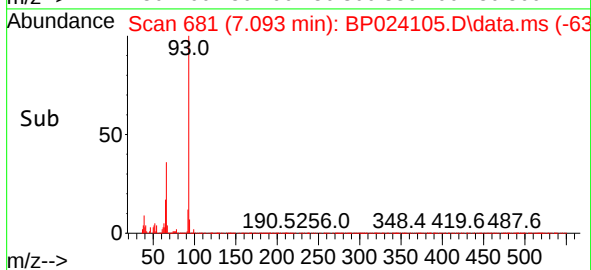
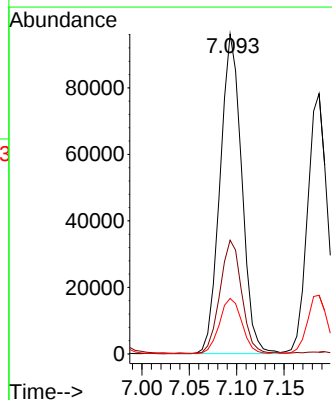
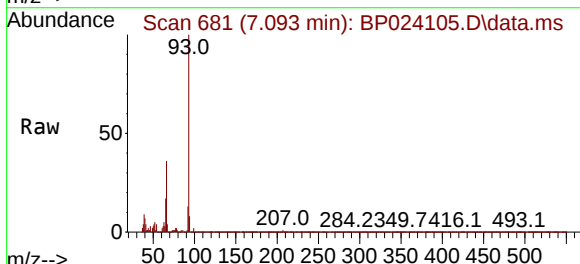
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ClientSampleId :
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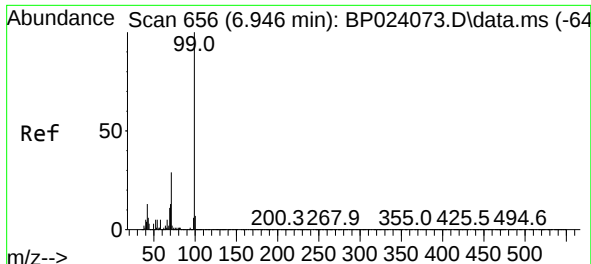
Tgt Ion:112 Resp: 2547737
Ion Ratio Lower Upper
112 100
64 51.2 39.6 59.4
63 26.0 20.3 30.5



#6
Aniline
Concen: 5.396 ng
RT: 7.093 min Scan# 681
Delta R.T. -0.006 min
Lab File: BP024105.D
Acq: 20 Feb 2025 12:25

Tgt Ion: 93 Resp: 153075
Ion Ratio Lower Upper
93 100
66 35.5 28.2 42.4
65 17.4 14.1 21.1

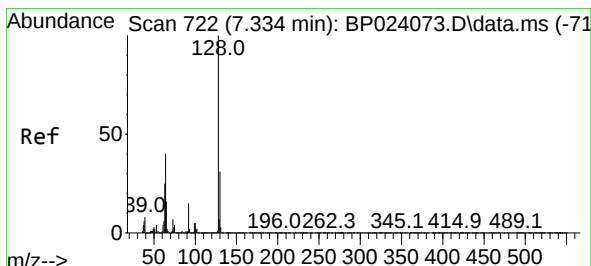
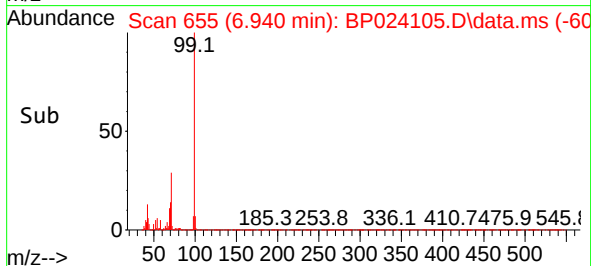
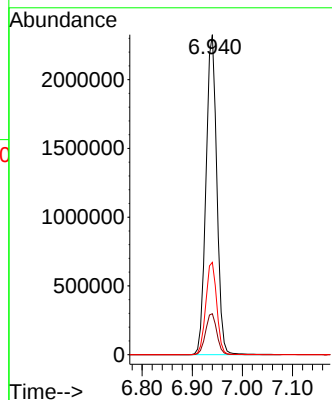
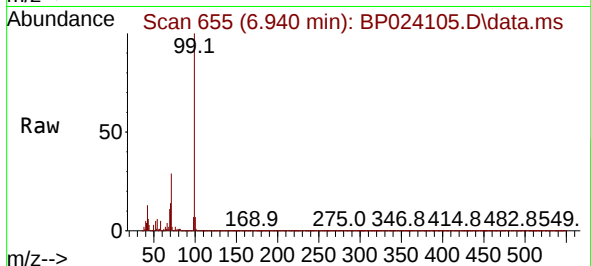




#7
Phenol-d6
Concen: 112.809 ng
RT: 6.940 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP024105.D
Acq: 20 Feb 2025 12:25

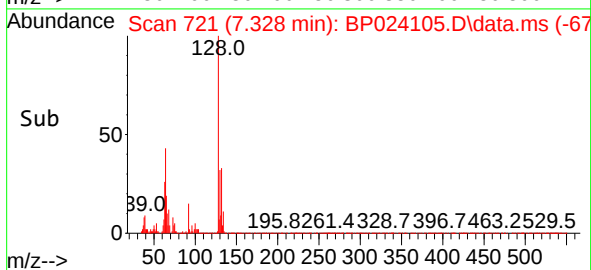
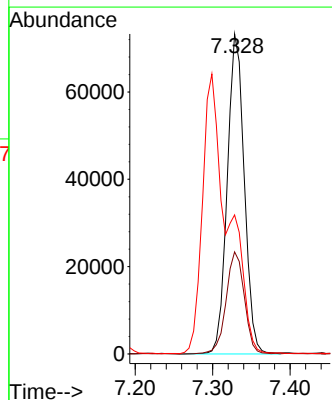
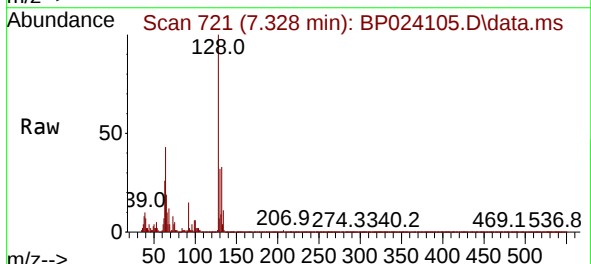
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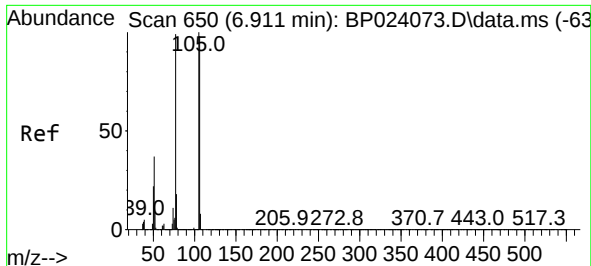
Tgt Ion: 99 Resp: 3494394
Ion Ratio Lower Upper
99 100
42 12.8 10.3 15.5
71 28.8 22.9 34.3



#8
2-Chlorophenol
Concen: 4.382 ng
RT: 7.328 min Scan# 721
Delta R.T. -0.006 min
Lab File: BP024105.D
Acq: 20 Feb 2025 12:25

Tgt Ion:128 Resp: 111793
Ion Ratio Lower Upper
128 100
130 31.9 11.5 51.5
64 43.5 19.8 59.8

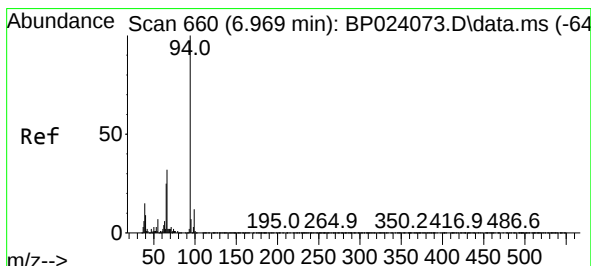
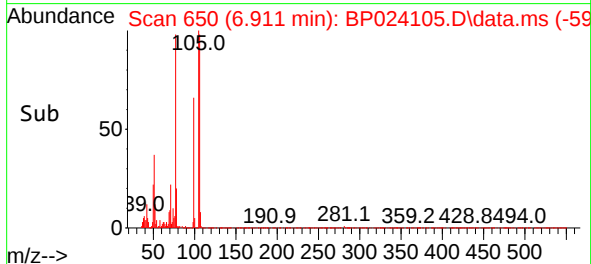
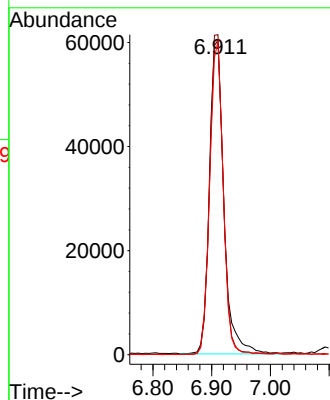
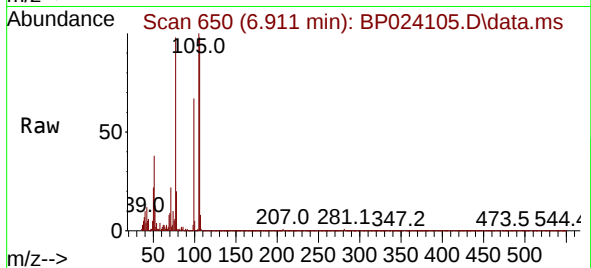




#9
Benzaldehyde
Concen: 7.320 ng
RT: 6.911 min Scan# 610
Delta R.T. 0.000 min
Lab File: BP024105.D
Acq: 20 Feb 2025 12:25

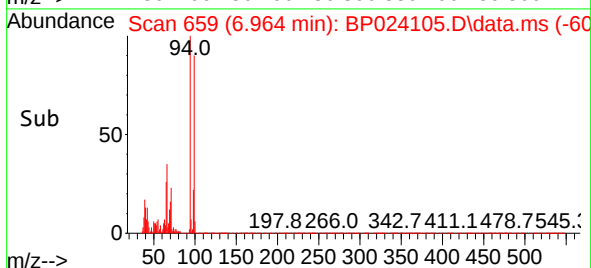
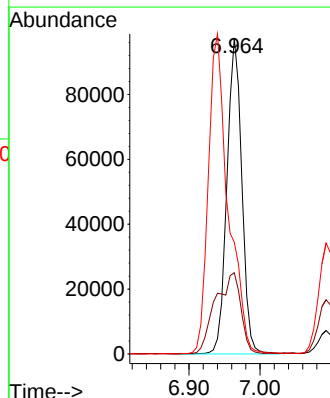
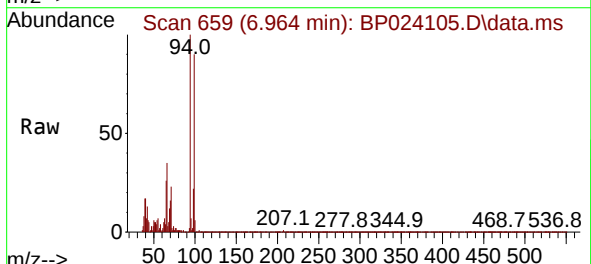
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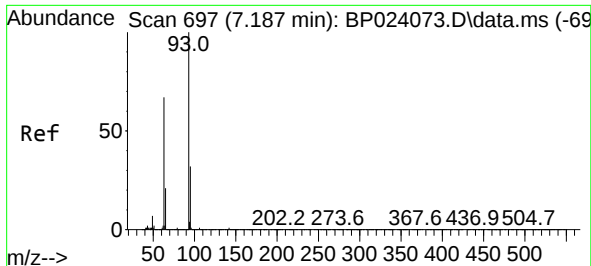
Tgt Ion: 77 Resp: 103522
Ion Ratio Lower Upper
77 100
105 101.8 81.4 121.4
106 99.7 79.0 119.0



#10
Phenol
Concen: 4.538 ng
RT: 6.964 min Scan# 659
Delta R.T. -0.006 min
Lab File: BP024105.D
Acq: 20 Feb 2025 12:25

Tgt Ion: 94 Resp: 141358
Ion Ratio Lower Upper
94 100
65 25.8 5.0 45.0
66 35.4 11.6 51.6

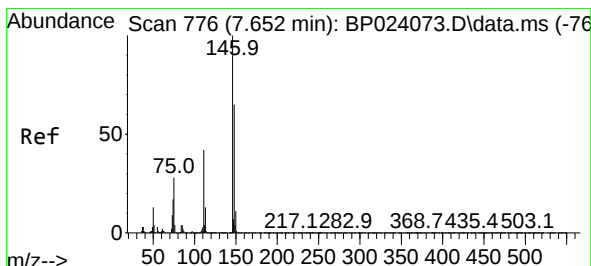
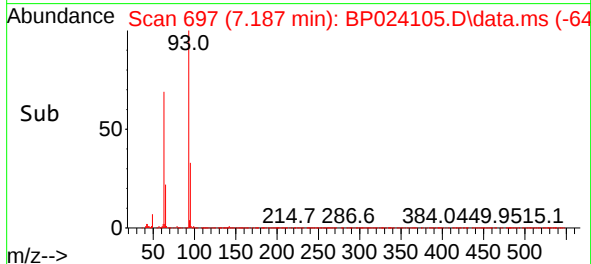
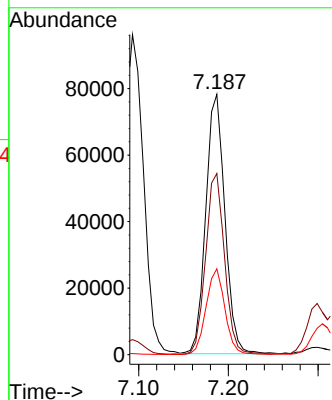
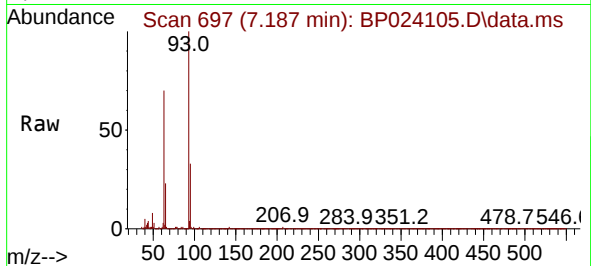




#11
bis(2-Chloroethyl)ether
Concen: 4.697 ng
RT: 7.187 min Scan# 697
Delta R.T. 0.000 min
Lab File: BP024105.D
Acq: 20 Feb 2025 12:25

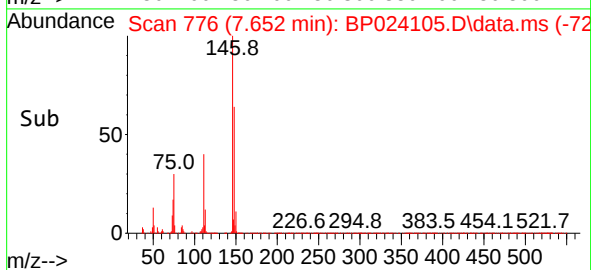
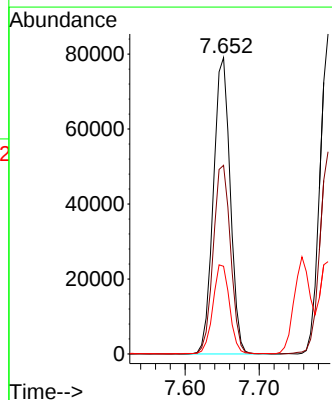
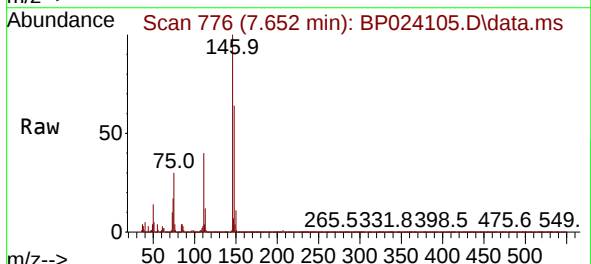
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2025

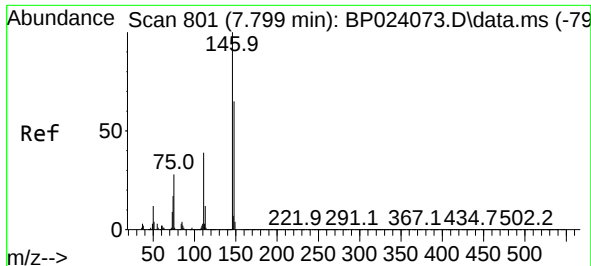
Tgt Ion:	93	Resp:	115235
Ion	Ratio	Lower	Upper
93	100		
63	69.6	46.5	86.5
95	33.0	12.3	52.3



#12
1,3-Dichlorobenzene
Concen: 4.448 ng
RT: 7.652 min Scan# 776
Delta R.T. 0.000 min
Lab File: BP024105.D
Acq: 20 Feb 2025 12:25

Tgt Ion:	146	Resp:	124659
Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.8	77.8
75	29.6	22.6	33.8

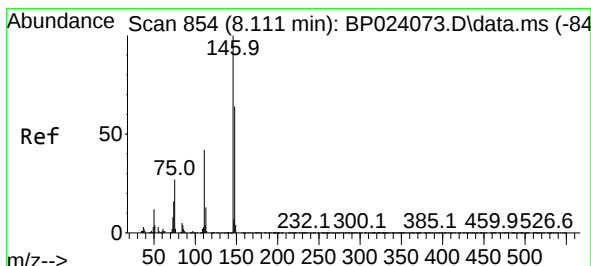
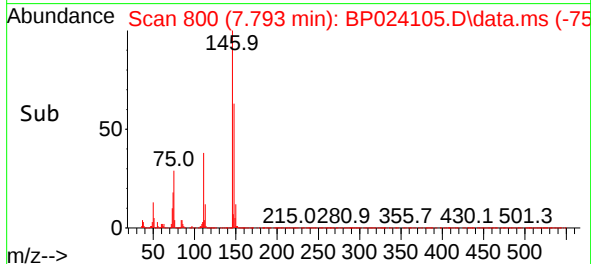
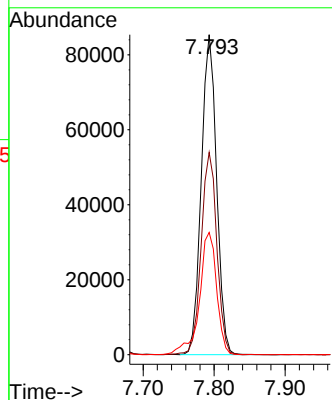
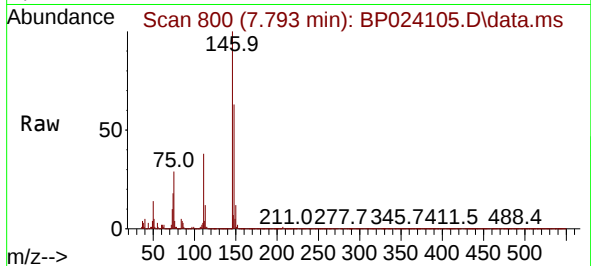




#13
1,4-Dichlorobenzene
Concen: 4.519 ng
RT: 7.793 min Scan# 801
Delta R.T. -0.006 min
Lab File: BP024105.D
Acq: 20 Feb 2025 12:25

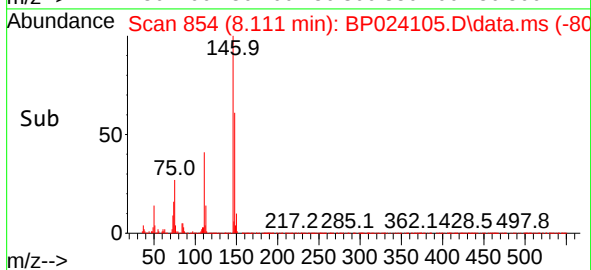
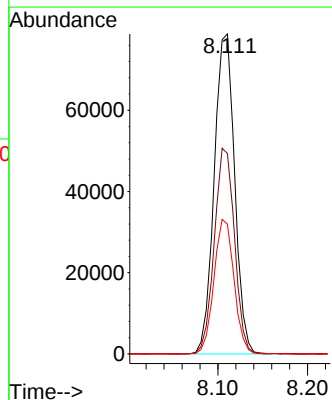
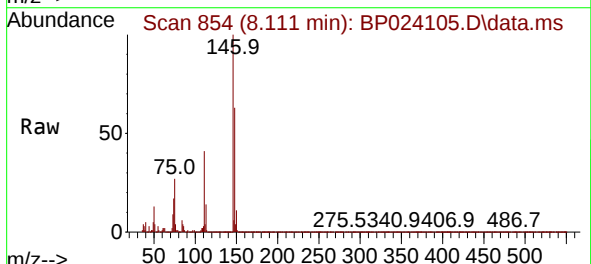
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2025

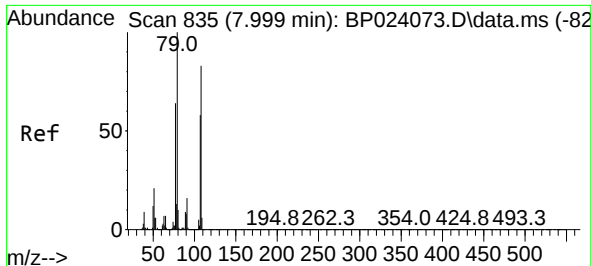
Tgt Ion:146 Resp: 128081
Ion Ratio Lower Upper
146 100
148 63.2 51.6 77.4
111 38.2 31.2 46.8



#14
1,2-Dichlorobenzene
Concen: 4.585 ng
RT: 8.111 min Scan# 854
Delta R.T. 0.000 min
Lab File: BP024105.D
Acq: 20 Feb 2025 12:25

Tgt Ion:146 Resp: 124713
Ion Ratio Lower Upper
146 100
148 62.7 51.2 76.8
111 40.6 33.4 50.0

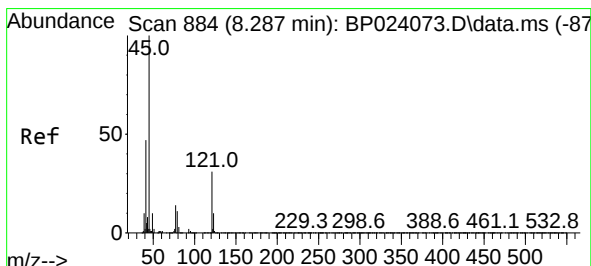
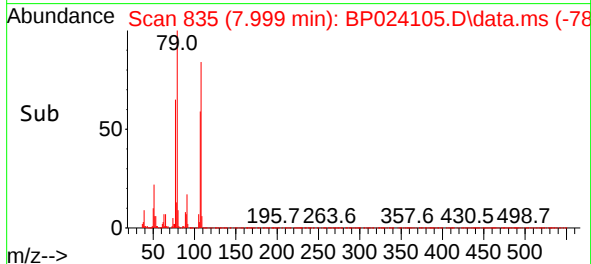
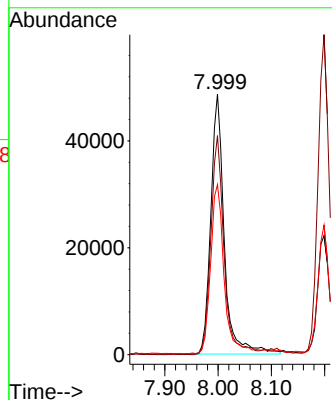
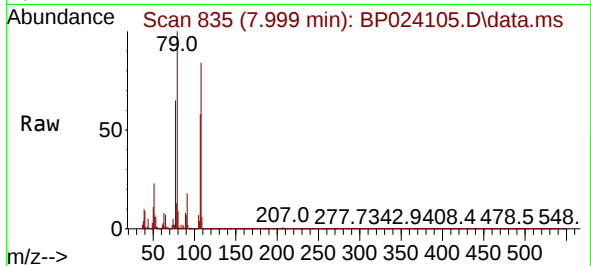




#15
Benzyl Alcohol
Concen: 4.515 ng
RT: 7.999 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP024105.D
Acq: 20 Feb 2025 12:25

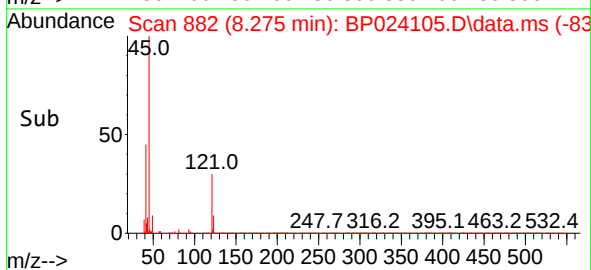
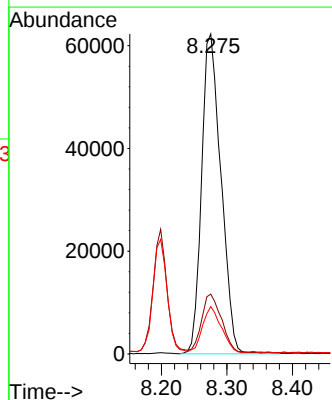
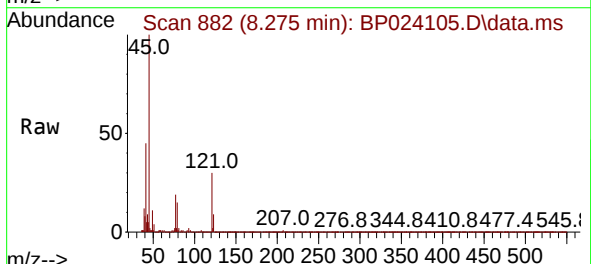
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2025

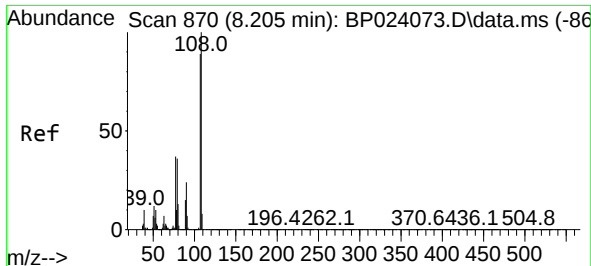
Tgt Ion:	79	Resp:	85609
Ion	Ratio	Lower	Upper
79	100		
108	84.1	66.4	99.6
77	65.3	51.3	76.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.374 ng
RT: 8.275 min Scan# 882
Delta R.T. -0.012 min
Lab File: BP024105.D
Acq: 20 Feb 2025 12:25

Tgt Ion:	45	Resp:	127992
Ion	Ratio	Lower	Upper
45	100		
77	18.7	0.0	38.8
79	14.8	0.0	35.4

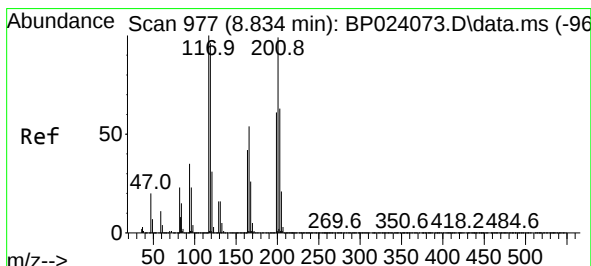
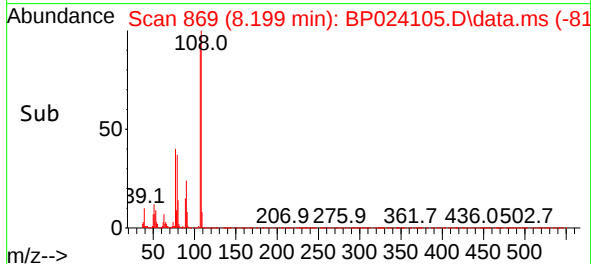
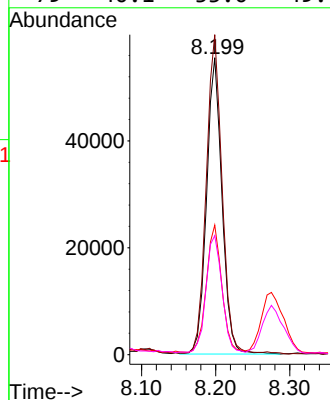
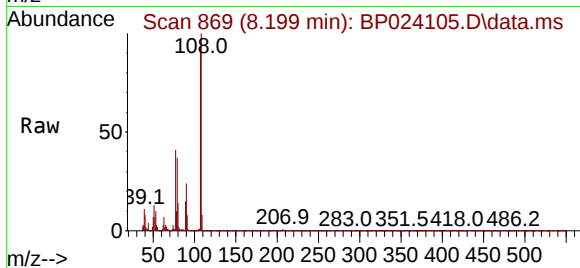




#17
2-Methylphenol
Concen: 4.237 ng
RT: 8.199 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP024105.D
Acq: 20 Feb 2025 12:25

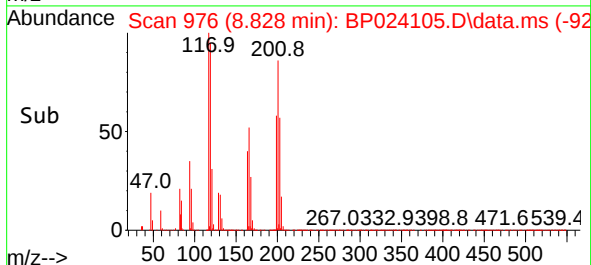
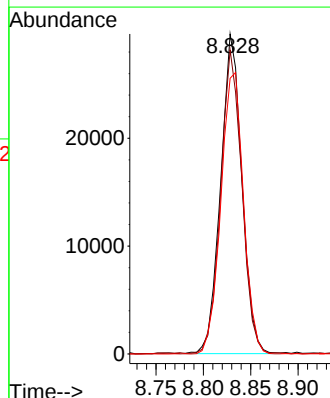
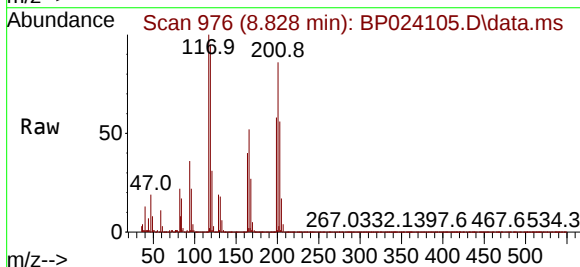
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2025

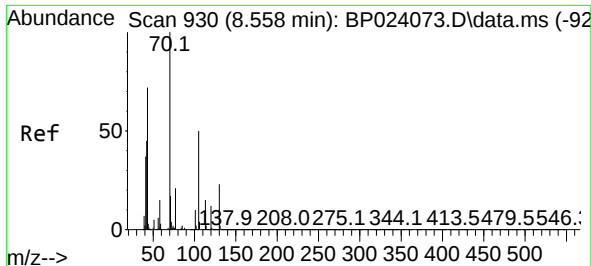
Tgt Ion:	107	Resp:	80433
Ion	Ratio	Lower	Upper
107	100		
108	107.7	90.0	135.0
77	43.7	33.8	50.6
79	40.1	33.0	49.4



#18
Hexachloroethane
Concen: 4.543 ng
RT: 8.828 min Scan# 976
Delta R.T. -0.006 min
Lab File: BP024105.D
Acq: 20 Feb 2025 12:25

Tgt Ion:	117	Resp:	46364
Ion	Ratio	Lower	Upper
117	100		
119	95.0	76.9	115.3
201	86.1	79.4	119.2

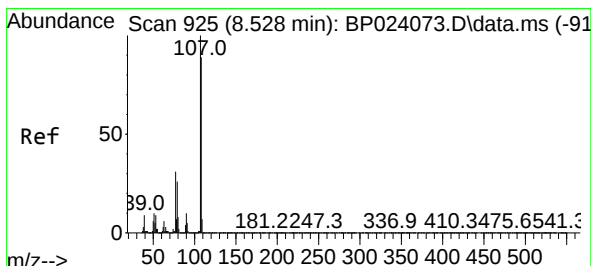
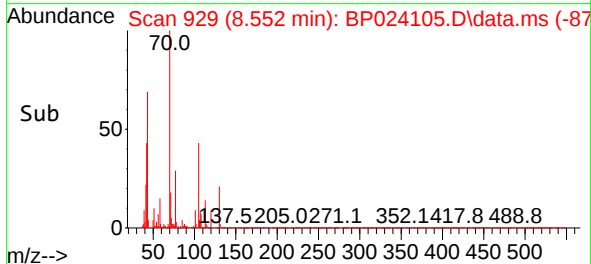
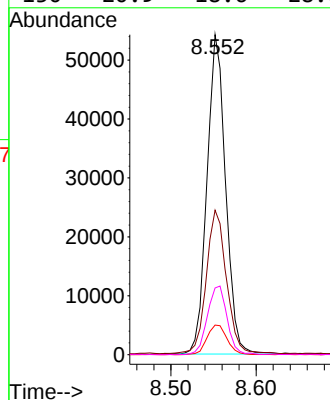
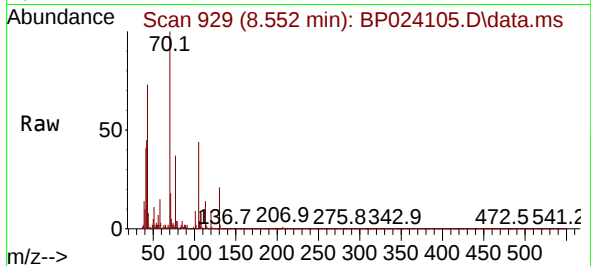




#19
n-Nitroso-di-n-propylamine
Concen: 4.951 ng
RT: 8.552 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024105.D
Acq: 20 Feb 2025 12:25

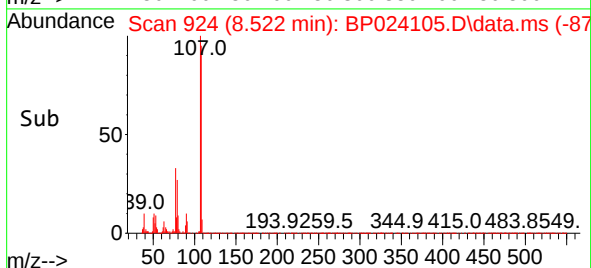
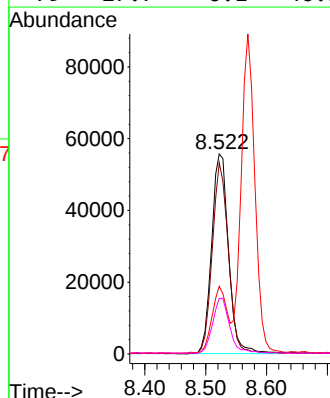
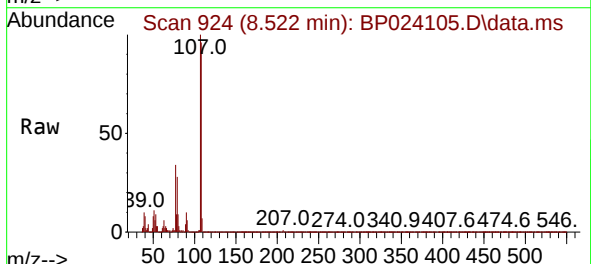
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2025

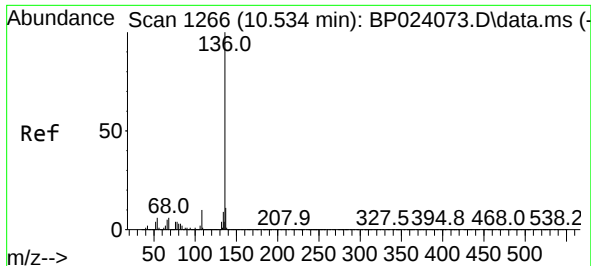
Tgt Ion:	70	Resp:	82467
Ion	Ratio	Lower	Upper
70	100		
42	45.2	36.6	54.8
101	9.2	8.2	12.2
130	20.9	18.6	28.0



#20
3+4-Methylphenols
Concen: 4.172 ng
RT: 8.522 min Scan# 924
Delta R.T. -0.006 min
Lab File: BP024105.D
Acq: 20 Feb 2025 12:25

Tgt Ion:	107	Resp:	107720
Ion	Ratio	Lower	Upper
107	100		
108	95.5	68.5	108.5
77	33.8	10.7	50.7
79	27.7	6.1	46.1

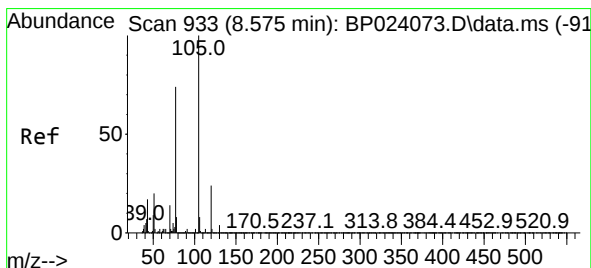
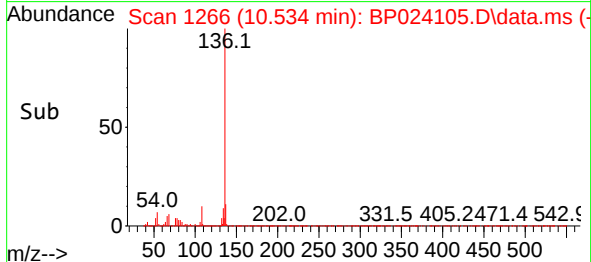
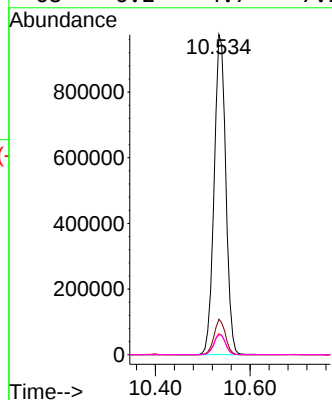
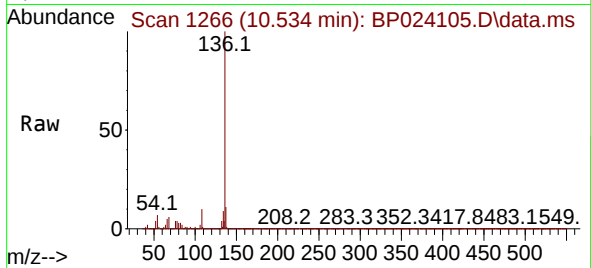




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.534 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP024105.D
Acq: 20 Feb 2025 12:25

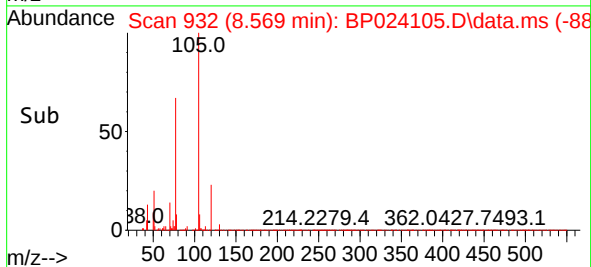
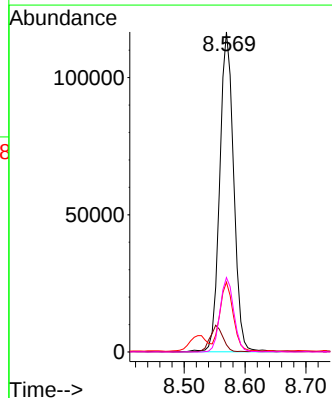
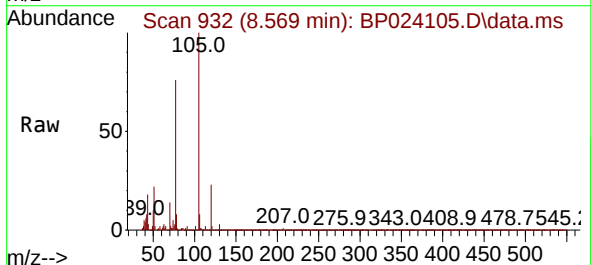
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2025

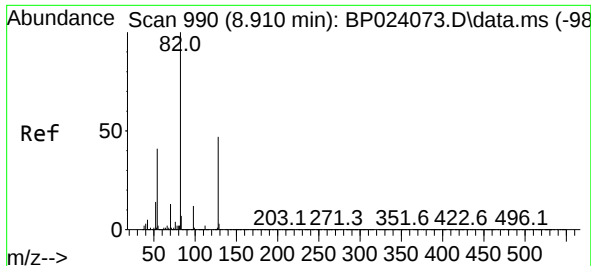
Tgt Ion:136 Resp: 1660041
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 6.6 4.9 7.3
68 6.2 4.7 7.1



#22
Acetophenone
Concen: 4.352 ng
RT: 8.569 min Scan# 932
Delta R.T. -0.006 min
Lab File: BP024105.D
Acq: 20 Feb 2025 12:25

Tgt Ion:105 Resp: 185667
Ion Ratio Lower Upper
105 100
71 2.3 1.9 2.9
51 21.8 16.3 24.5
120 23.2 19.0 28.4

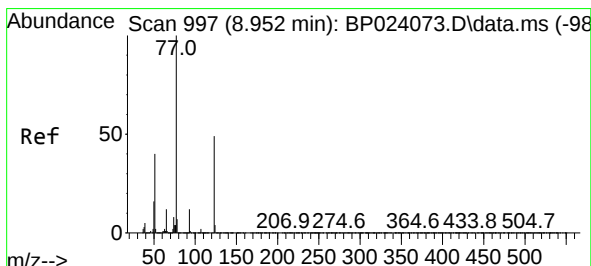
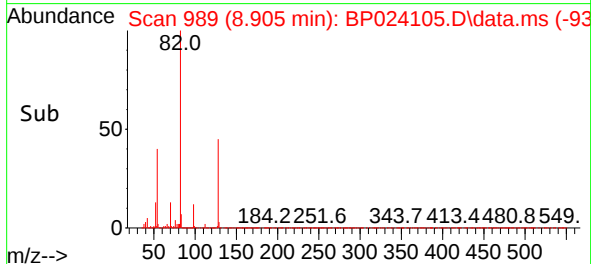
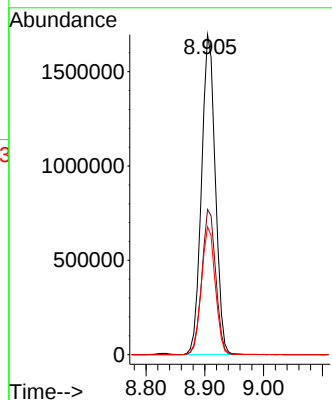
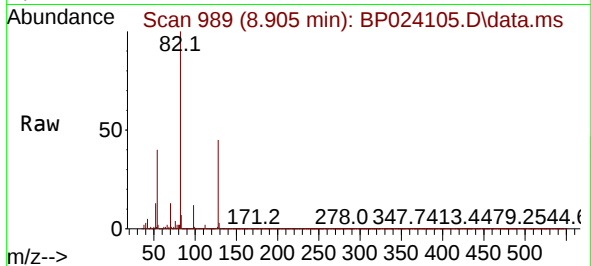




#23
Nitrobenzene-d5
Concen: 92.701 ng
RT: 8.905 min Scan# 910
Delta R.T. -0.006 min
Lab File: BP024105.D
Acq: 20 Feb 2025 12:25

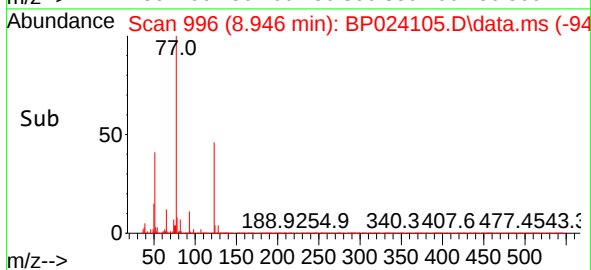
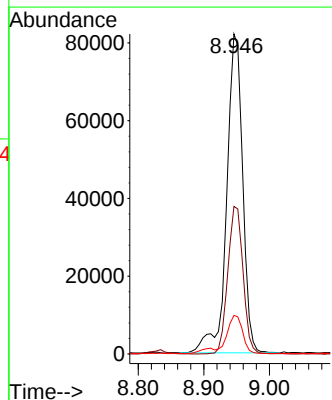
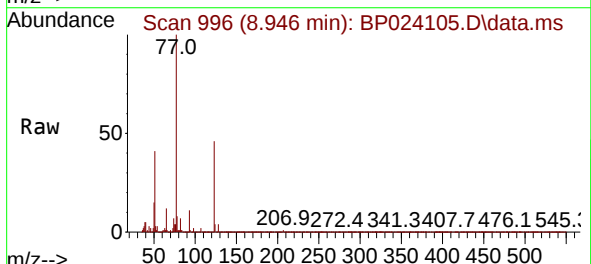
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT1-2025

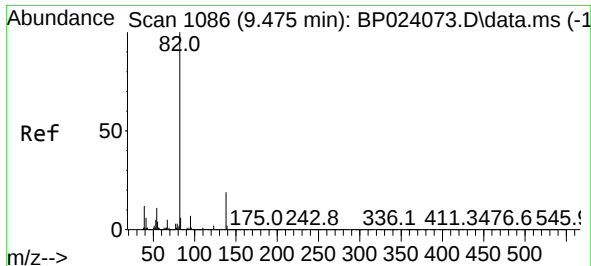
Tgt Ion: 82 Resp: 2758395
Ion Ratio Lower Upper
82 100
128 45.4 37.4 56.2
54 40.0 32.4 48.6



#24
Nitrobenzene
Concen: 4.749 ng
RT: 8.946 min Scan# 996
Delta R.T. -0.006 min
Lab File: BP024105.D
Acq: 20 Feb 2025 12:25

Tgt Ion: 77 Resp: 139074
Ion Ratio Lower Upper
77 100
123 46.1 39.4 59.2
65 12.1 9.9 14.9

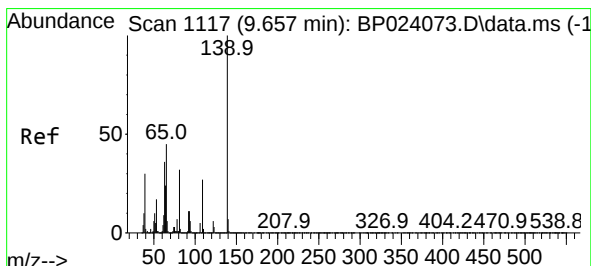
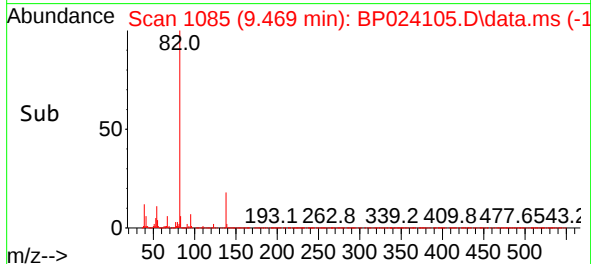
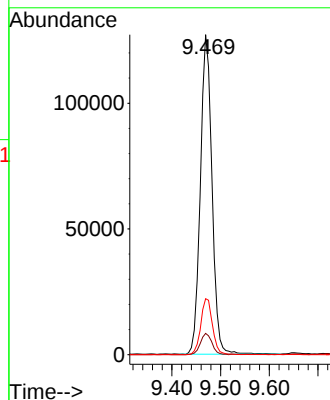
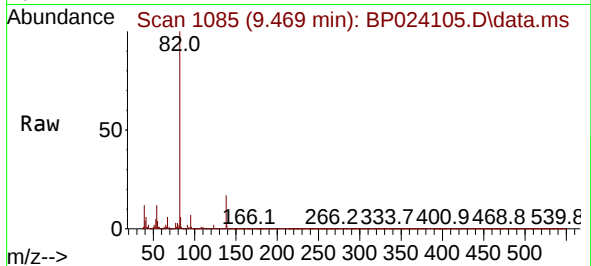




#25
Isophorone
Concen: 4.341 ng
RT: 9.469 min Scan# 1086
Delta R.T. -0.006 min
Lab File: BP024105.D
Acq: 20 Feb 2025 12:25

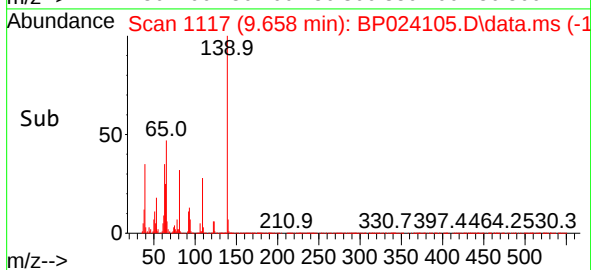
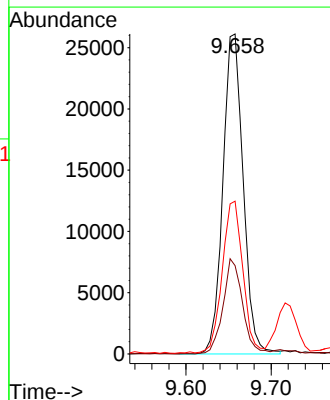
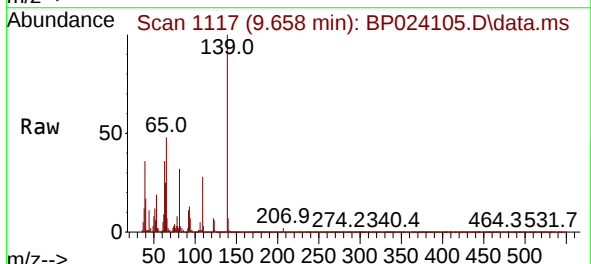
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT1-2025

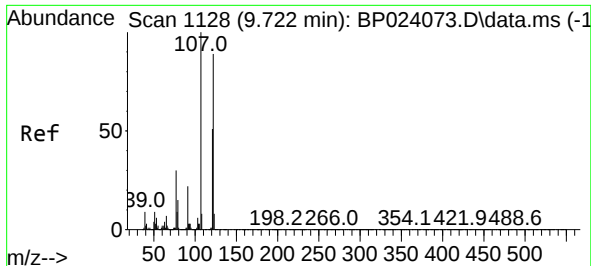
Tgt Ion: 82 Resp: 211220
Ion Ratio Lower Upper
82 100
95 6.6 5.4 8.0
138 17.5 15.3 22.9



#26
2-Nitrophenol
Concen: 3.200 ng
RT: 9.658 min Scan# 1117
Delta R.T. 0.000 min
Lab File: BP024105.D
Acq: 20 Feb 2025 12:25

Tgt Ion: 139 Resp: 43168
Ion Ratio Lower Upper
139 100
109 27.6 21.7 32.5
65 47.8 36.1 54.1





#27

2,4-Dimethylphenol

Concen: 3.706 ng

RT: 9.716 min Scan# 1127

Delta R.T. -0.006 min

Lab File: BP024105.D

Acq: 20 Feb 2025 12:25

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT1-2025

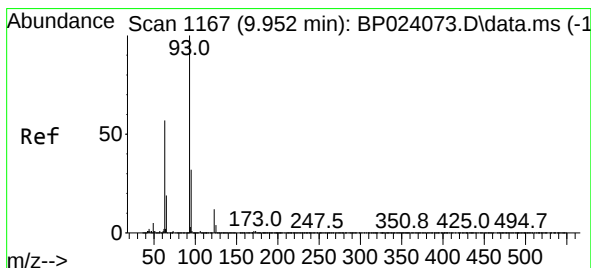
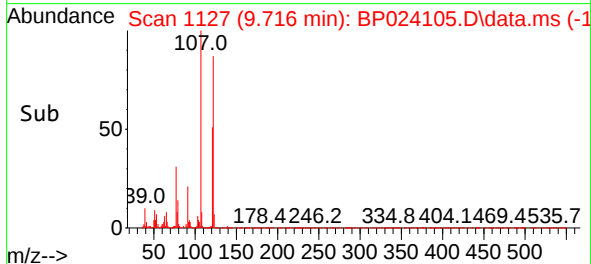
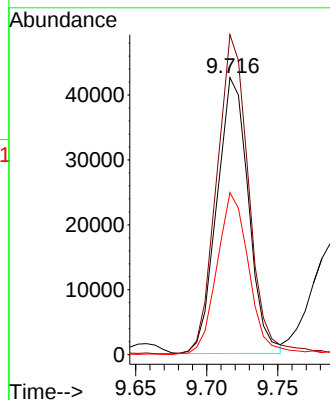
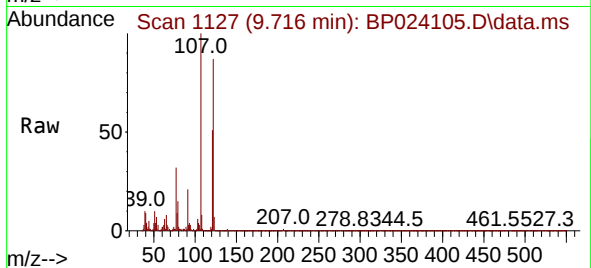
Tgt Ion:122 Resp: 65627

Ion Ratio Lower Upper

122 100

107 115.5 89.8 134.8

121 58.5 45.9 68.9



#28

bis(2-Chloroethoxy)methane

Concen: 4.357 ng

RT: 9.952 min Scan# 1167

Delta R.T. 0.000 min

Lab File: BP024105.D

Acq: 20 Feb 2025 12:25

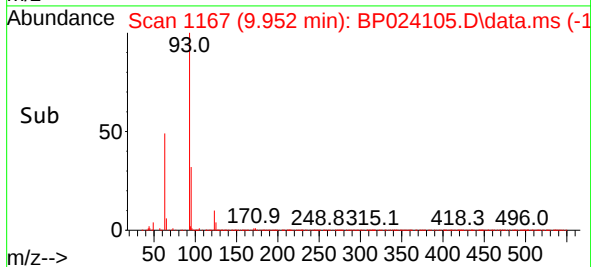
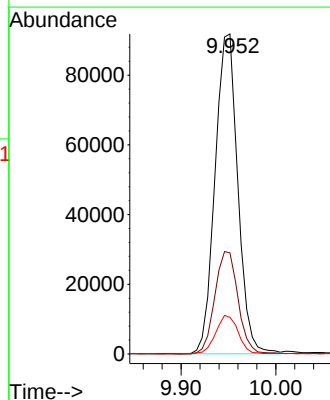
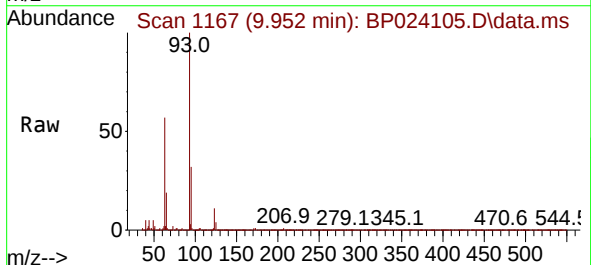
Tgt Ion: 93 Resp: 153572

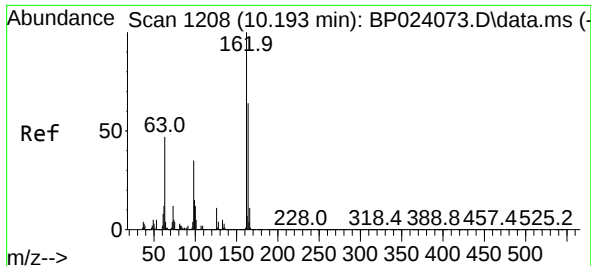
Ion Ratio Lower Upper

93 100

95 31.6 25.9 38.9

123 11.5 9.7 14.5

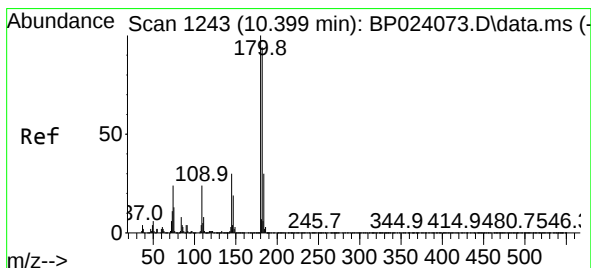
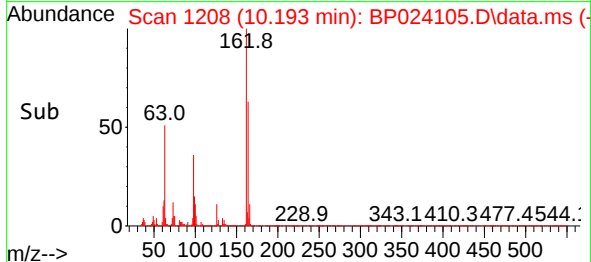
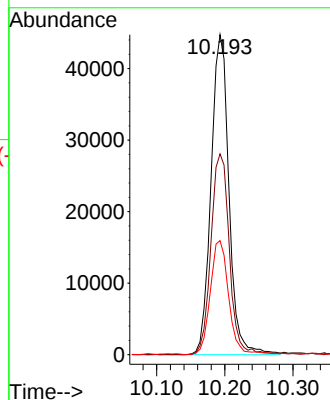
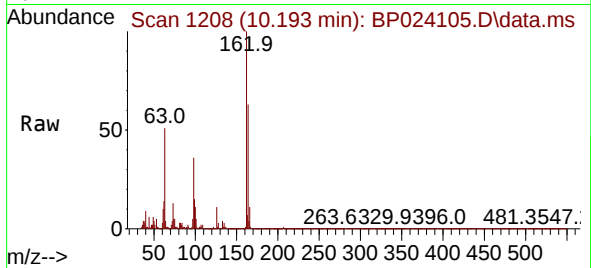




#29
2,4-Dichlorophenol
Concen: 3.386 ng
RT: 10.193 min Scan# 1208
Delta R.T. 0.000 min
Lab File: BP024105.D
Acq: 20 Feb 2025 12:25

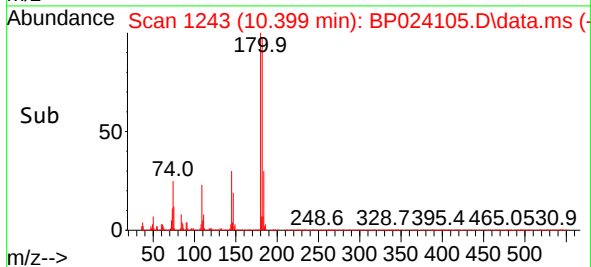
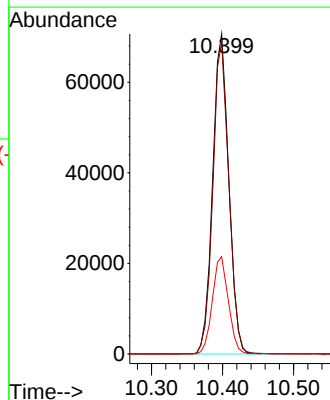
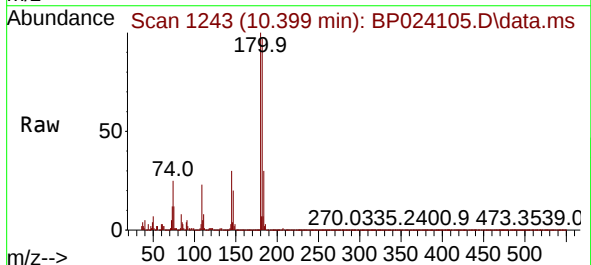
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2025

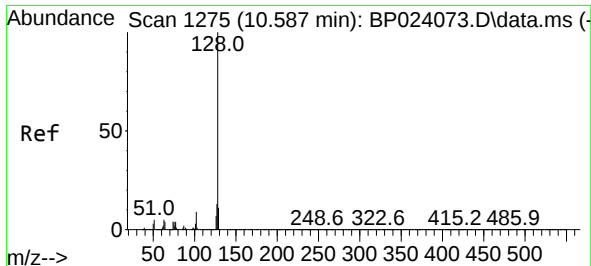
Tgt Ion:162 Resp: 81835
Ion Ratio Lower Upper
162 100
164 62.8 44.5 84.5
98 35.7 15.3 55.3



#30
1,2,4-Trichlorobenzene
Concen: 4.018 ng
RT: 10.399 min Scan# 1243
Delta R.T. 0.000 min
Lab File: BP024105.D
Acq: 20 Feb 2025 12:25

Tgt Ion:180 Resp: 111255
Ion Ratio Lower Upper
180 100
182 97.4 75.4 113.2
145 30.4 24.0 36.0

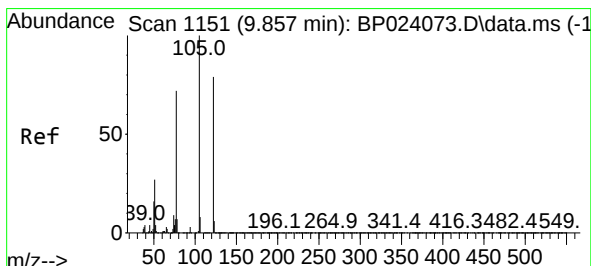
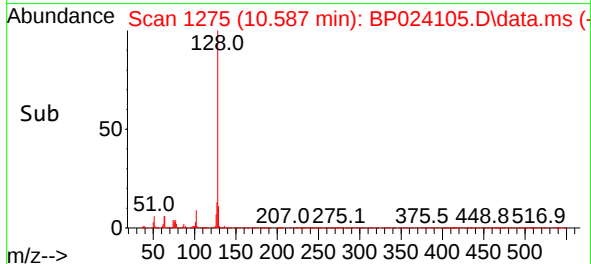
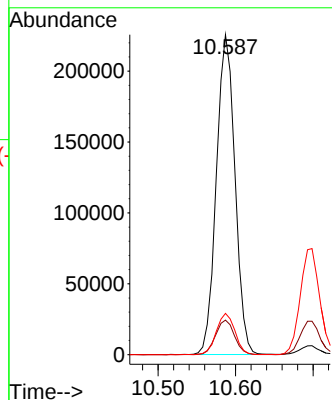
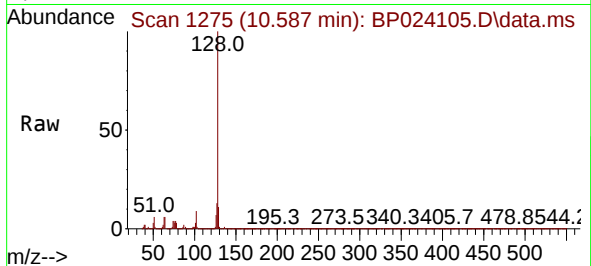




#31
Naphthalene
Concen: 4.217 ng
RT: 10.587 min Scan# 1139
Delta R.T. 0.000 min
Lab File: BP024105.D
Acq: 20 Feb 2025 12:25

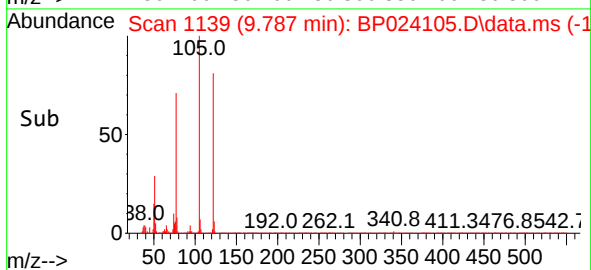
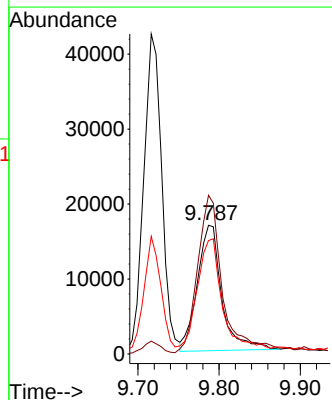
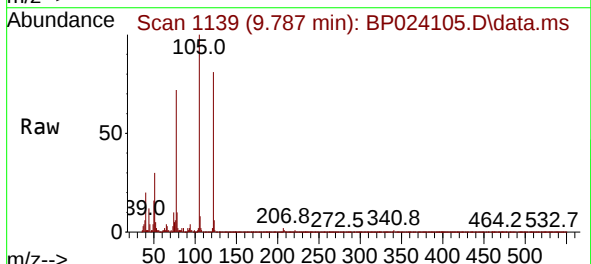
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ClientSampleId :
MDL-WATER-03-QT1-2025

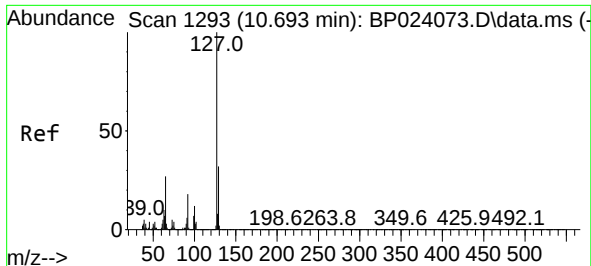
Tgt Ion:128 Resp: 376432
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 12.9 10.3 15.5



#32
Benzoic acid
Concen: 9.088 ng
RT: 9.787 min Scan# 1139
Delta R.T. -0.070 min
Lab File: BP024105.D
Acq: 20 Feb 2025 12:25

Tgt Ion:122 Resp: 35225
Ion Ratio Lower Upper
122 100
105 123.3 103.7 143.7
77 88.2 69.9 109.9

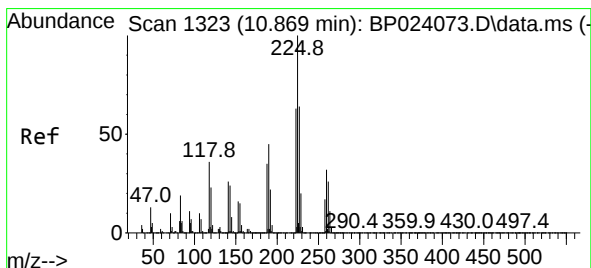
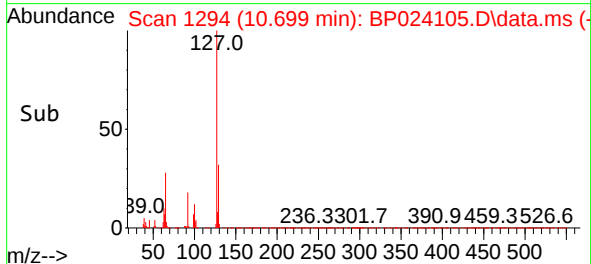
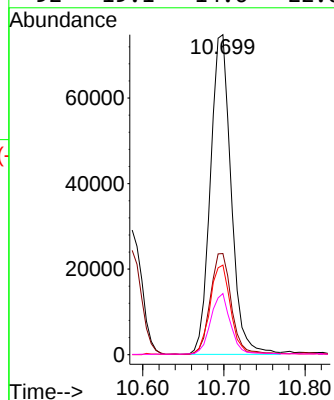
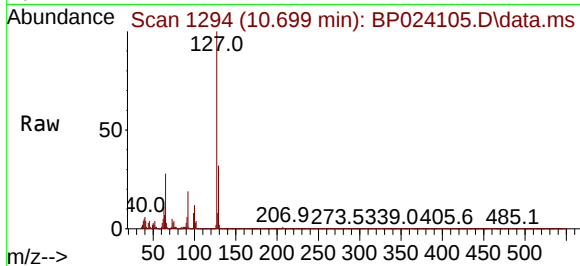




#33
4-Chloroaniline
Concen: 4.218 ng
RT: 10.699 min Scan# 1293
Delta R.T. 0.006 min
Lab File: BP024105.D
Acq: 20 Feb 2025 12:25

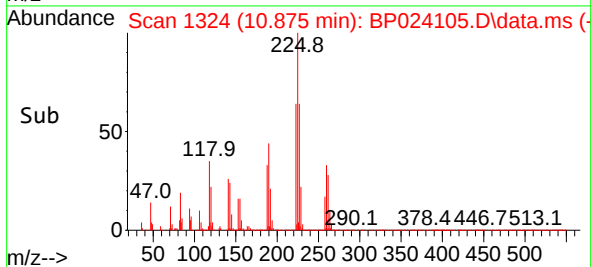
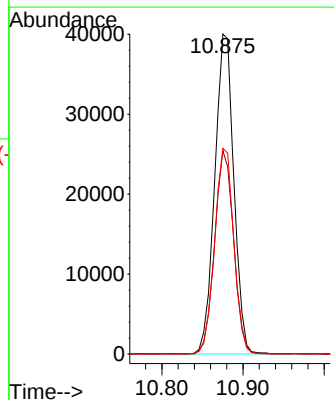
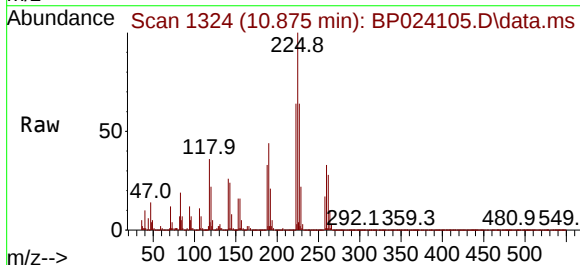
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2025

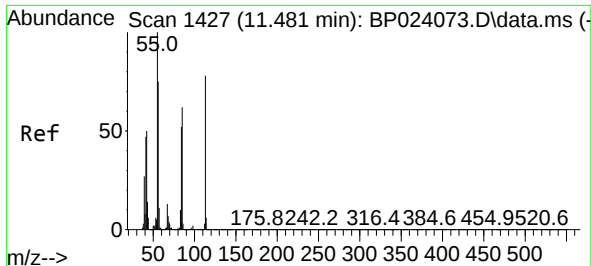
Tgt Ion:	127	Resp:	132629
Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.4	38.0
65	28.0	21.3	31.9
92	19.1	14.6	22.0



#34
Hexachlorobutadiene
Concen: 4.079 ng
RT: 10.875 min Scan# 1324
Delta R.T. 0.006 min
Lab File: BP024105.D
Acq: 20 Feb 2025 12:25

Tgt Ion:	225	Resp:	65420
Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.5	75.7
227	66.5	51.3	76.9

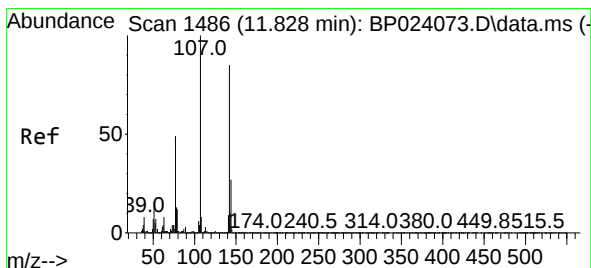
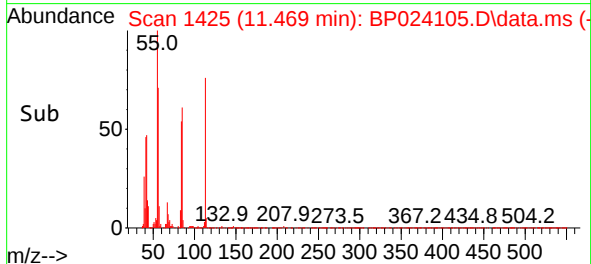
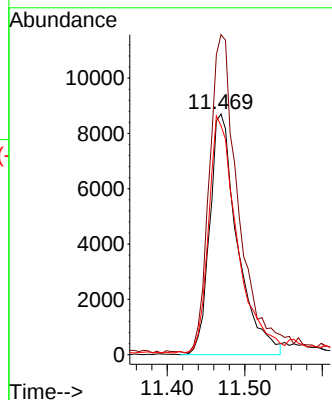
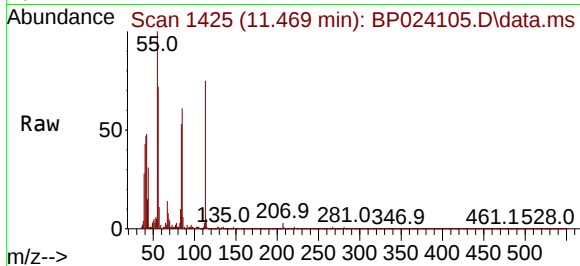




#35
Caprolactam
Concen: 7.923 ng
RT: 11.469 min Scan# 1425
Delta R.T. -0.012 min
Lab File: BP024105.D
Acq: 20 Feb 2025 12:25

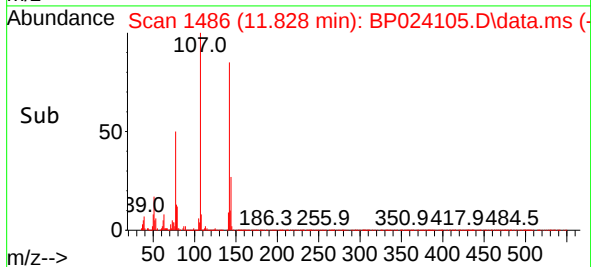
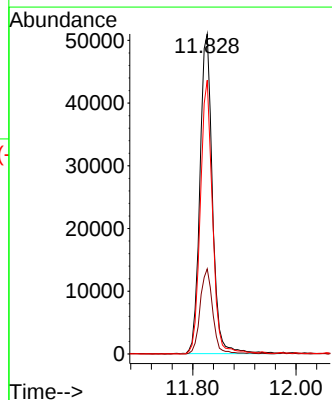
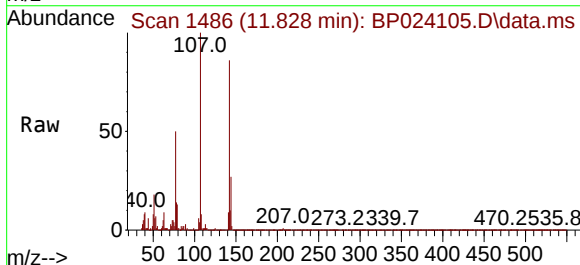
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2025

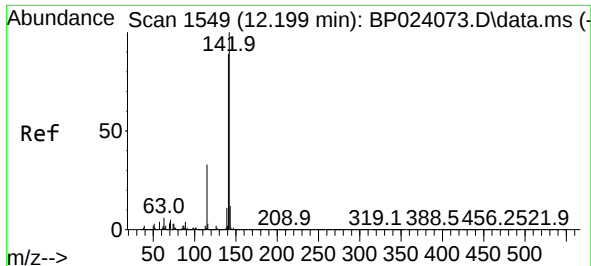
Tgt Ion:113 Resp: 21639
Ion Ratio Lower Upper
113 100
55 133.0 108.8 148.8
56 95.1 76.5 116.5



#36
4-Chloro-3-methylphenol
Concen: 3.445 ng
RT: 11.828 min Scan# 1486
Delta R.T. 0.000 min
Lab File: BP024105.D
Acq: 20 Feb 2025 12:25

Tgt Ion:107 Resp: 85605
Ion Ratio Lower Upper
107 100
144 26.6 21.8 32.8
142 85.5 67.8 101.8

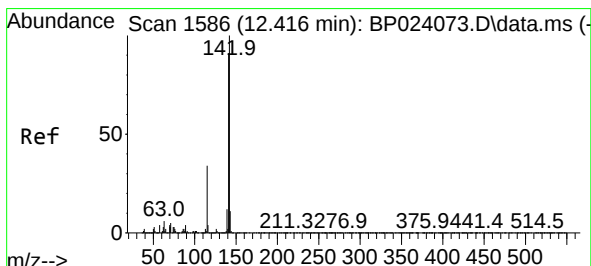
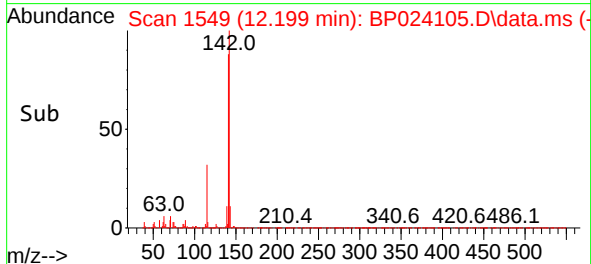
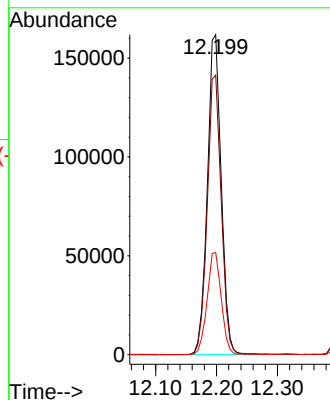
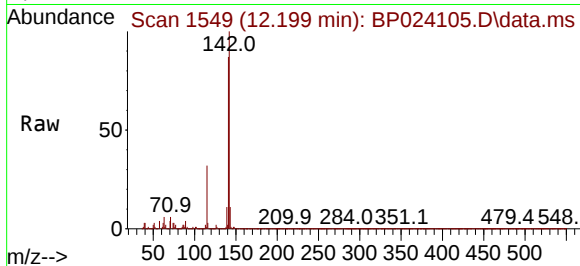




#37
2-Methylnaphthalene
Concen: 4.329 ng
RT: 12.199 min Scan# 1549
Delta R.T. 0.000 min
Lab File: BP024105.D
Acq: 20 Feb 2025 12:25

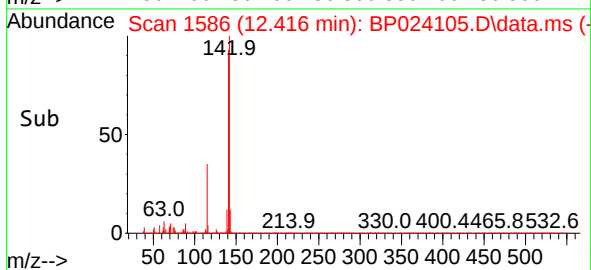
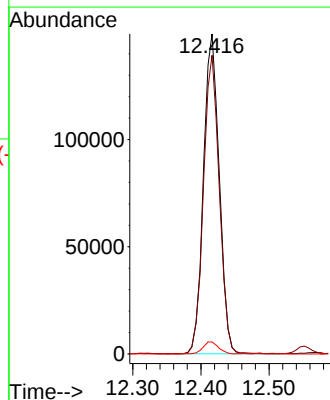
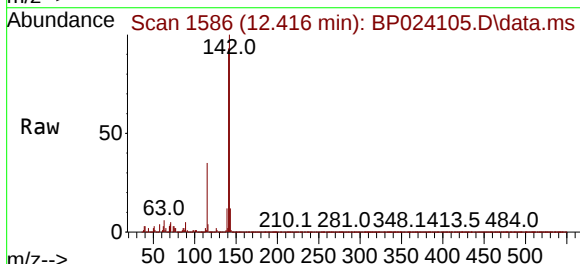
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2025

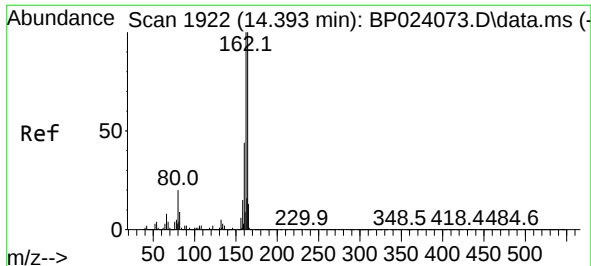
Tgt Ion:142 Resp: 256806
Ion Ratio Lower Upper
142 100
141 87.3 71.2 106.8
115 31.9 26.5 39.7



#38
1-Methylnaphthalene
Concen: 4.158 ng
RT: 12.416 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BP024105.D
Acq: 20 Feb 2025 12:25

Tgt Ion:142 Resp: 239984
Ion Ratio Lower Upper
142 100
141 93.4 73.0 109.6
116 3.7 2.8 4.2

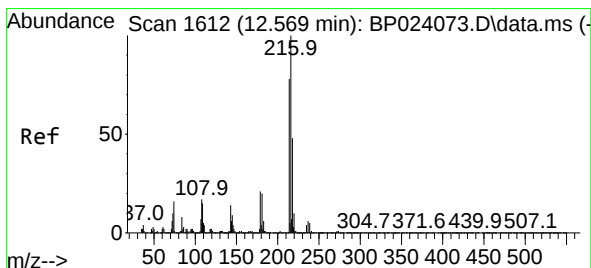
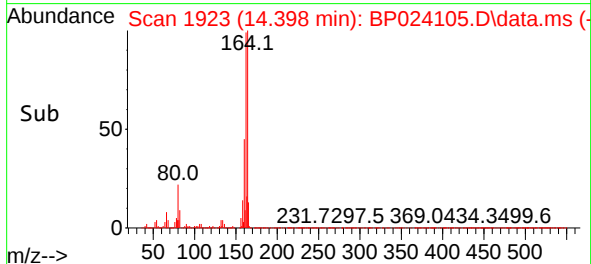
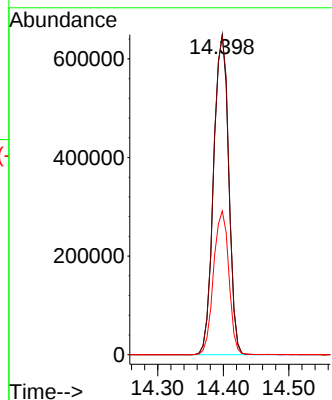
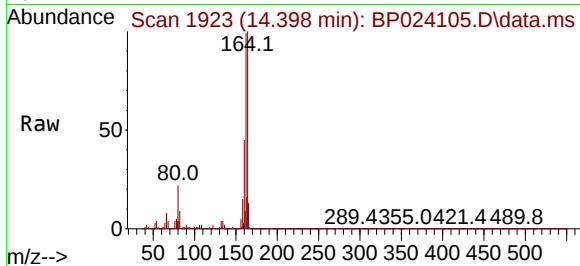




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.398 min Scan# 1923
Delta R.T. 0.006 min
Lab File: BP024105.D
Acq: 20 Feb 2025 12:25

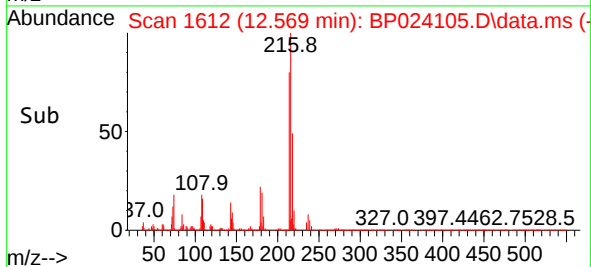
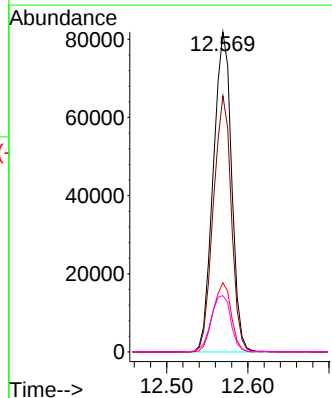
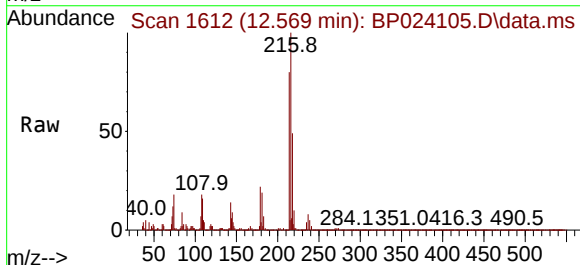
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2025

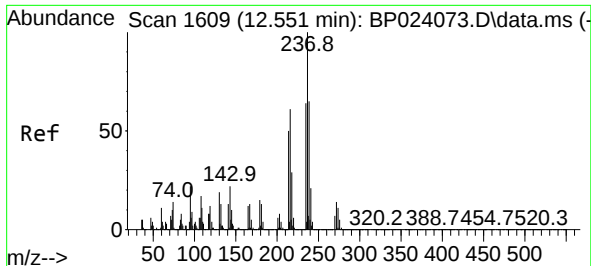
Tgt Ion:164 Resp: 1030585
Ion Ratio Lower Upper
164 100
162 99.4 80.1 120.1
160 44.9 35.6 53.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.048 ng
RT: 12.569 min Scan# 1612
Delta R.T. 0.000 min
Lab File: BP024105.D
Acq: 20 Feb 2025 12:25

Tgt Ion:216 Resp: 128177
Ion Ratio Lower Upper
216 100
214 78.5 62.7 94.1
179 21.4 16.6 25.0
108 19.4 15.0 22.6

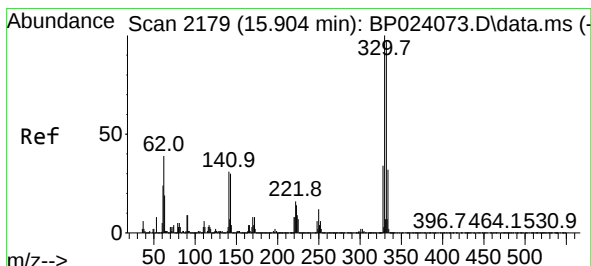
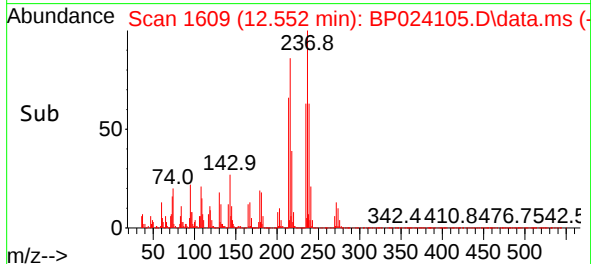
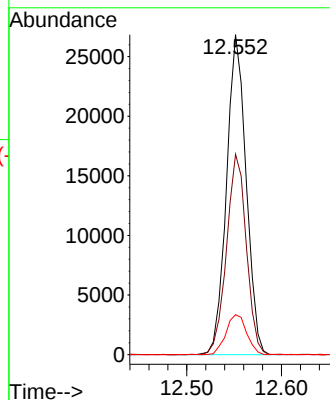
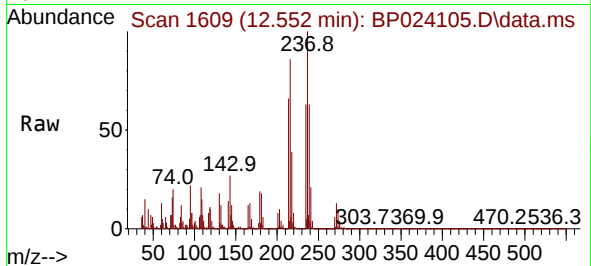




#41
Hexachlorocyclopentadiene
Concen: 3.278 ng
RT: 12.552 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024105.D
Acq: 20 Feb 2025 12:25

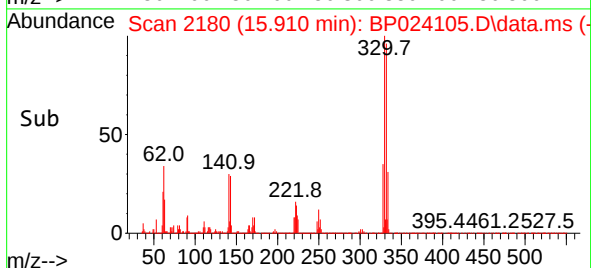
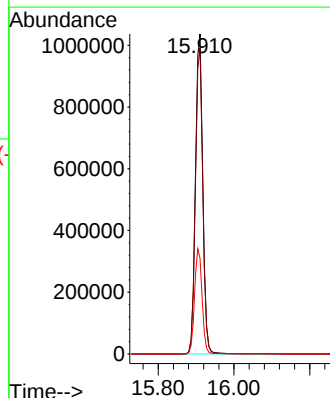
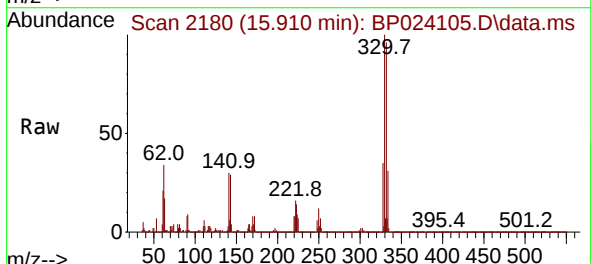
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2025

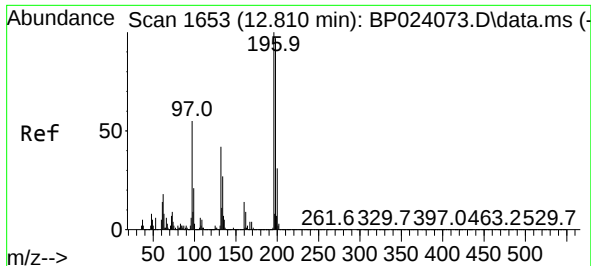
Tgt Ion:237 Resp: 38622
Ion Ratio Lower Upper
237 100
235 62.7 43.5 83.5
272 12.5 0.0 33.7



#42
2,4,6-Tribromophenol
Concen: 110.709 ng
RT: 15.910 min Scan# 2180
Delta R.T. 0.006 min
Lab File: BP024105.D
Acq: 20 Feb 2025 12:25

Tgt Ion:330 Resp: 1397542
Ion Ratio Lower Upper
330 100
332 95.8 77.0 115.4
141 33.5 28.3 42.5

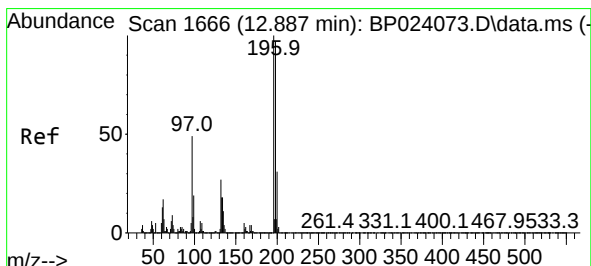
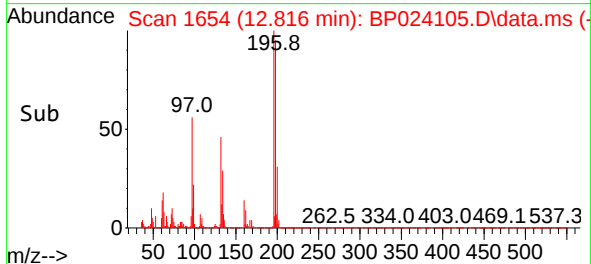
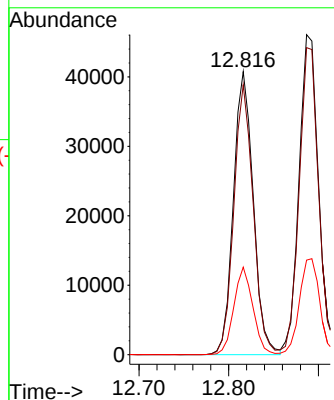
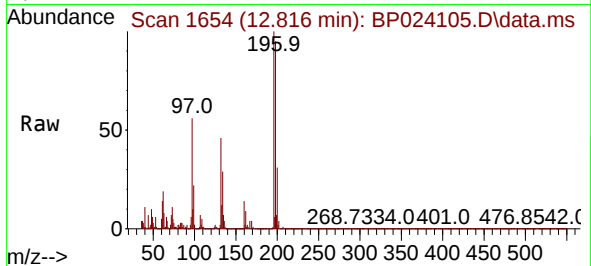




#43
2,4,6-Trichlorophenol
Concen: 3.241 ng
RT: 12.816 min Scan# 1653
Delta R.T. 0.006 min
Lab File: BP024105.D
Acq: 20 Feb 2025 12:25

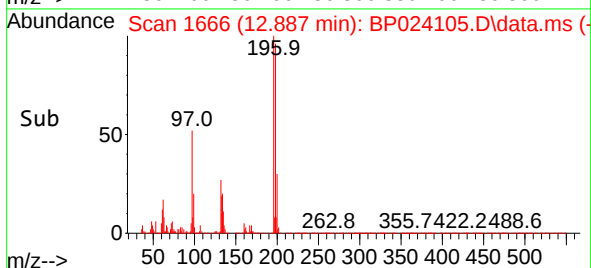
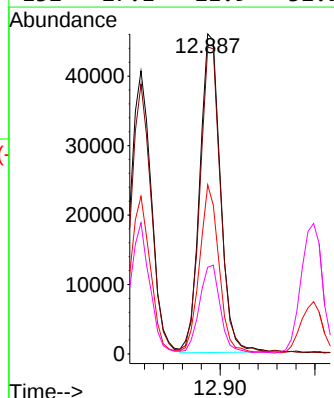
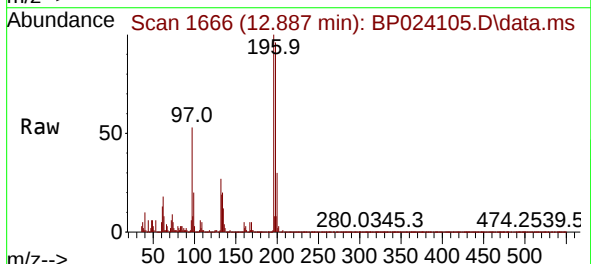
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2025

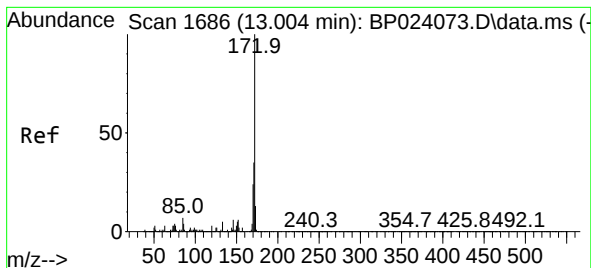
Tgt Ion:196 Resp: 62582
Ion Ratio Lower Upper
196 100
198 95.3 77.8 116.6
200 30.9 25.0 37.4



#44
2,4,5-Trichlorophenol
Concen: 3.287 ng
RT: 12.887 min Scan# 1666
Delta R.T. 0.000 min
Lab File: BP024105.D
Acq: 20 Feb 2025 12:25

Tgt Ion:196 Resp: 69421
Ion Ratio Lower Upper
196 100
198 96.0 77.4 116.2
97 52.8 39.0 58.4
132 27.1 21.9 32.9





#45

2-Fluorobiphenyl

Concen: 88.611 ng

RT: 12.999 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP024105.D

Acq: 20 Feb 2025 12:25

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT1-2025

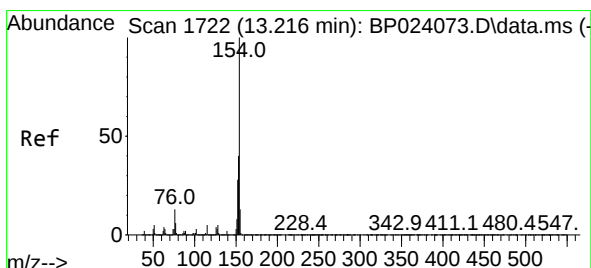
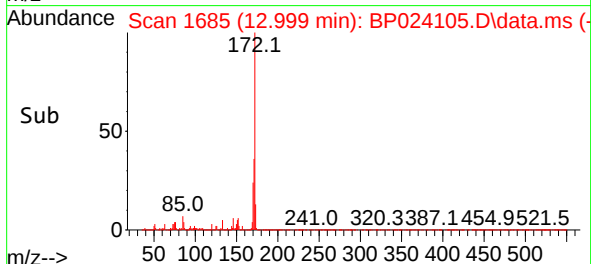
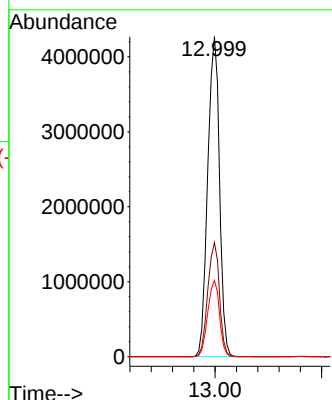
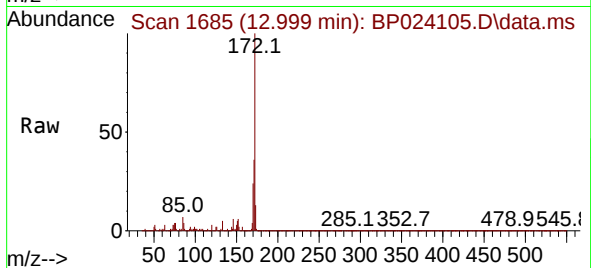
Tgt Ion:172 Resp: 6532308

Ion Ratio Lower Upper

172 100

171 35.7 28.2 42.2

170 23.8 19.0 28.6



#46

1,1'-Biphenyl

Concen: 4.403 ng

RT: 13.216 min Scan# 1722

Delta R.T. 0.000 min

Lab File: BP024105.D

Acq: 20 Feb 2025 12:25

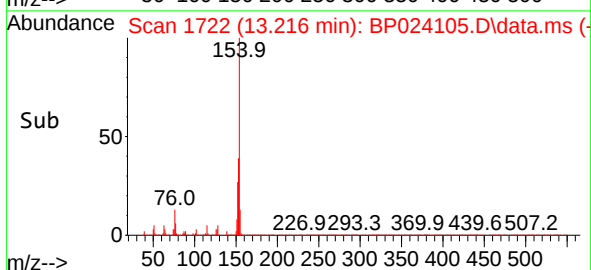
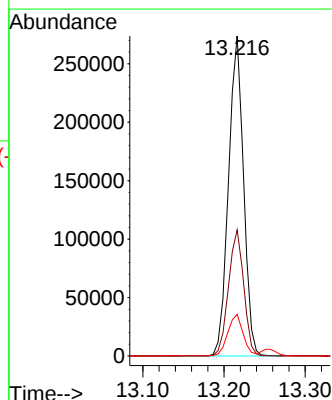
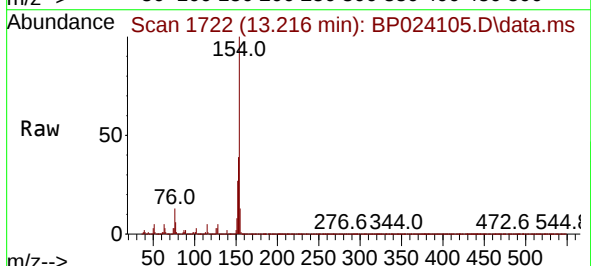
Tgt Ion:154 Resp: 352624

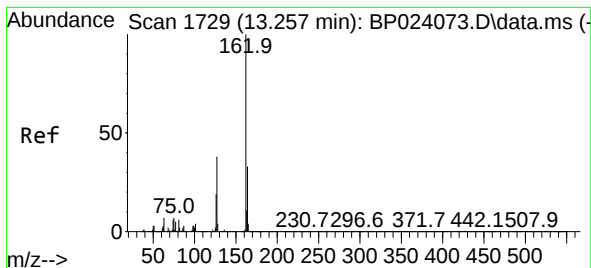
Ion Ratio Lower Upper

154 100

153 39.4 20.0 60.0

76 13.0 0.0 32.6





#47

2-Chloronaphthalene

Concen: 4.162 ng

RT: 13.251 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP024105.D

Acq: 20 Feb 2025 12:25

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT1-2025

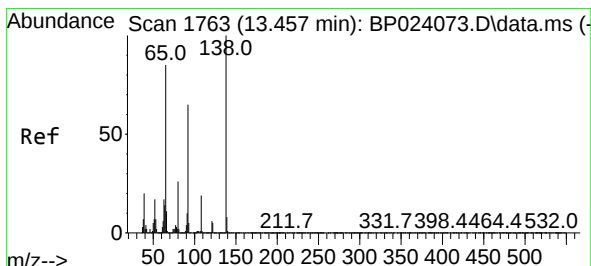
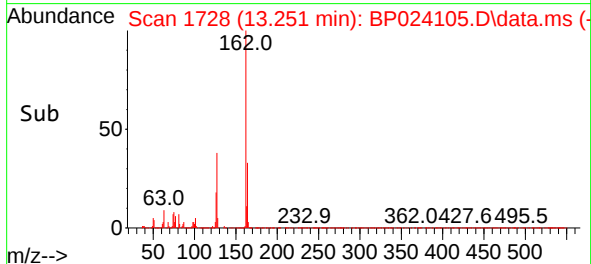
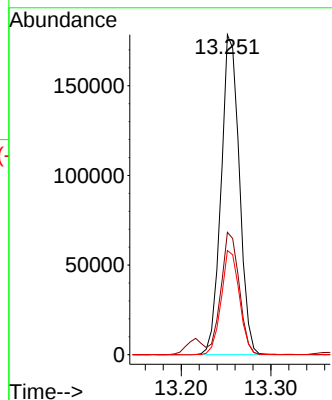
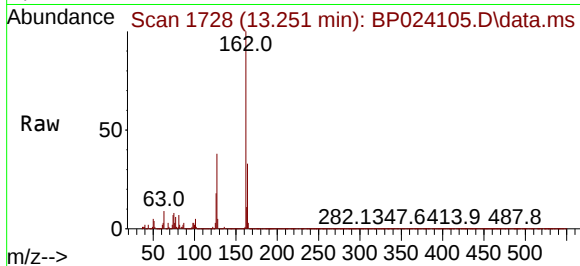
Tgt Ion:162 Resp: 251990

Ion Ratio Lower Upper

162 100

127 38.3 30.7 46.1

164 32.5 26.6 39.8



#48

2-Nitroaniline

Concen: 3.447 ng

RT: 13.463 min Scan# 1764

Delta R.T. 0.006 min

Lab File: BP024105.D

Acq: 20 Feb 2025 12:25

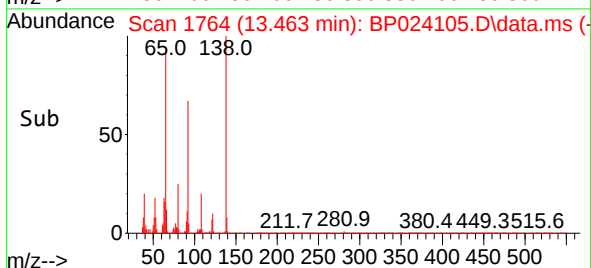
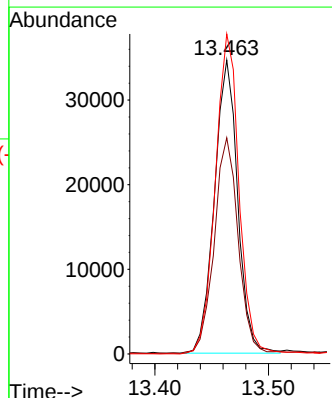
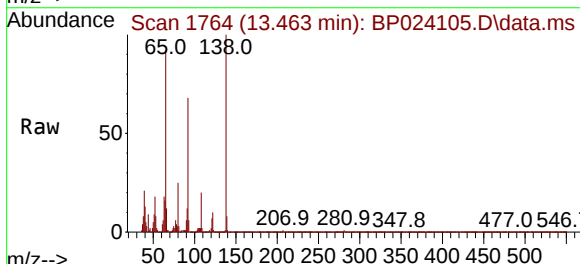
Tgt Ion: 65 Resp: 49292

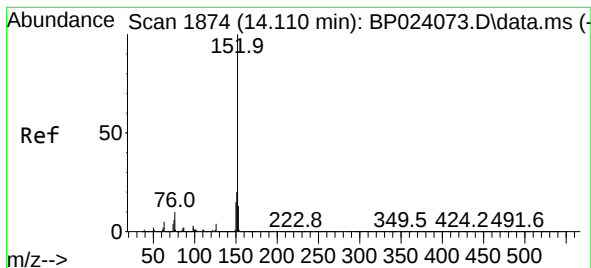
Ion Ratio Lower Upper

65 100

92 73.5 61.7 92.5

138 108.8 94.6 142.0





#49

Acenaphthylene

Concen: 4.041 ng

RT: 14.116 min Scan# 1874

Delta R.T. 0.006 min

Lab File: BP024105.D

Acq: 20 Feb 2025 12:25

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT1-2025

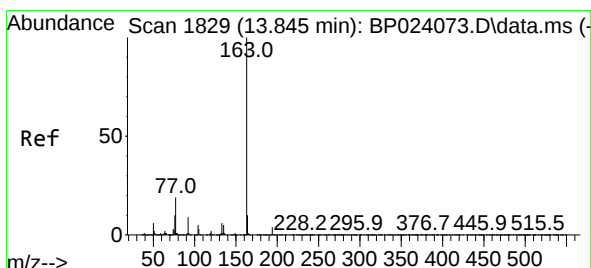
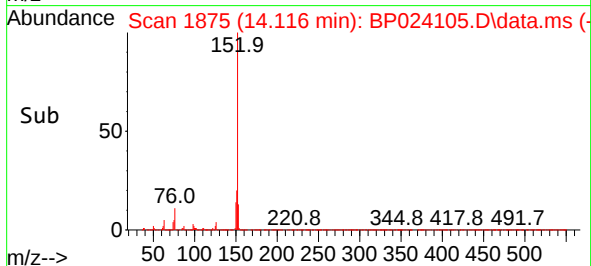
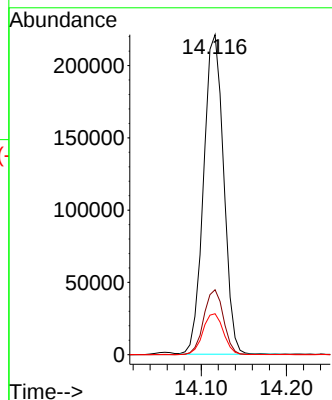
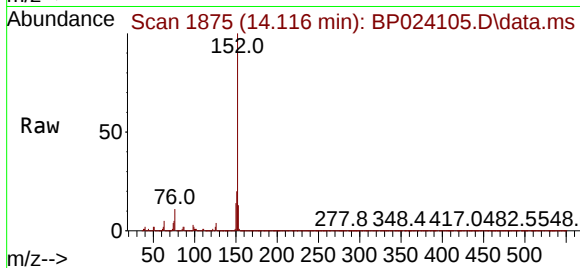
Tgt Ion:152 Resp: 360403

Ion Ratio Lower Upper

152 100

151 20.3 15.8 23.8

153 12.8 10.7 16.1



#50

Dimethylphthalate

Concen: 4.101 ng

RT: 13.846 min Scan# 1829

Delta R.T. 0.000 min

Lab File: BP024105.D

Acq: 20 Feb 2025 12:25

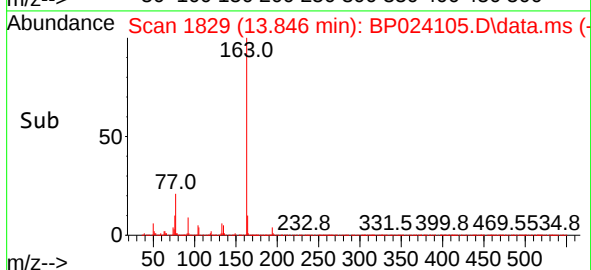
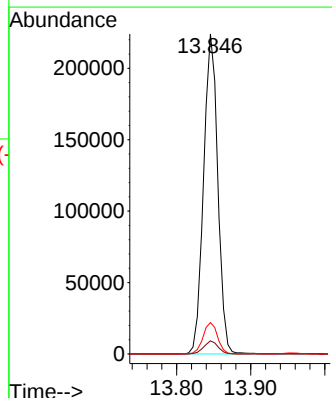
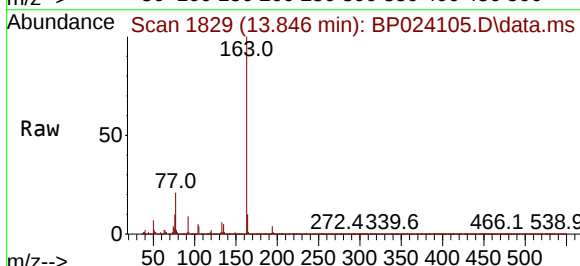
Tgt Ion:163 Resp: 298134

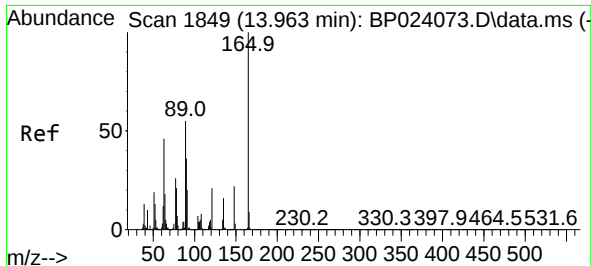
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

164 9.8 8.1 12.1

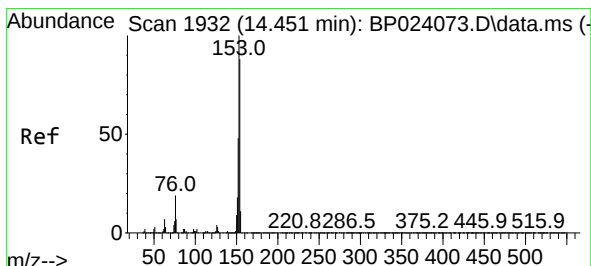
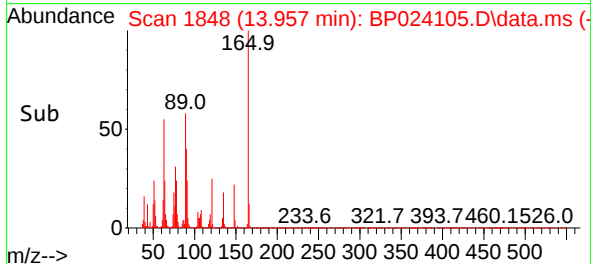
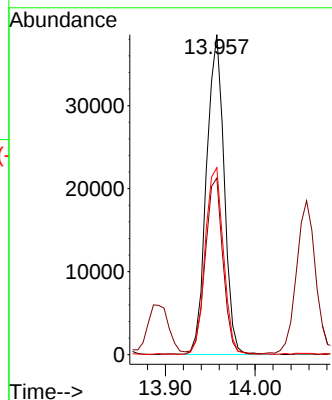
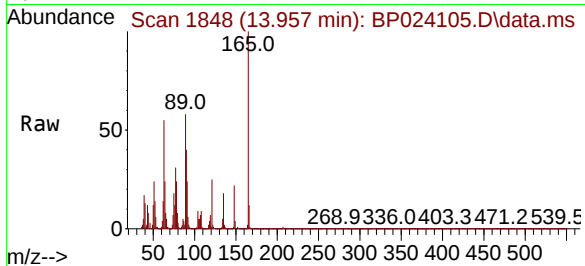




#51
2,6-Dinitrotoluene
Concen: 3.542 ng
RT: 13.957 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BP024105.D
Acq: 20 Feb 2025 12:25

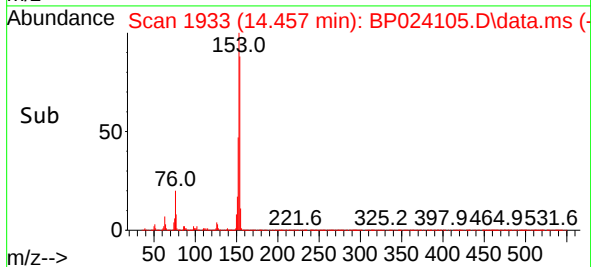
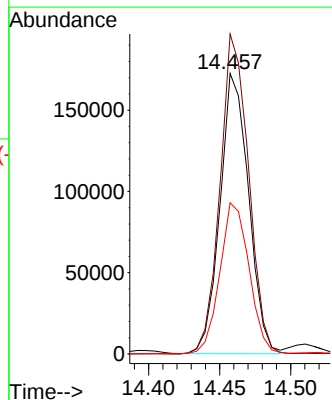
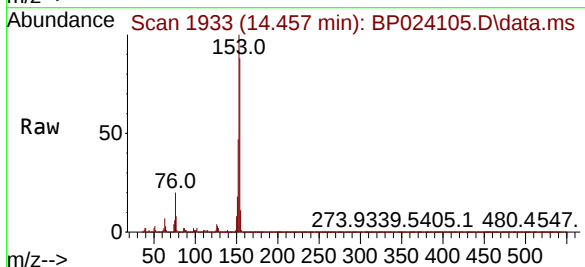
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2025

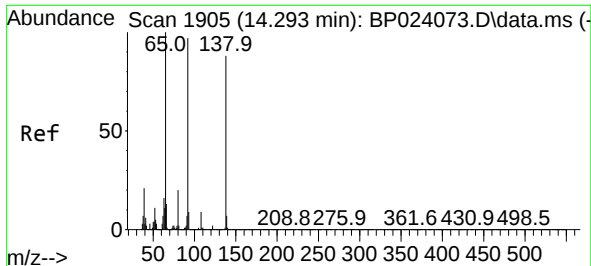
Tgt Ion:165 Resp: 52457
Ion Ratio Lower Upper
165 100
63 55.2 40.1 60.1
89 58.4 44.2 66.4



#52
Acenaphthene
Concen: 4.207 ng
RT: 14.457 min Scan# 1933
Delta R.T. 0.006 min
Lab File: BP024105.D
Acq: 20 Feb 2025 12:25

Tgt Ion:154 Resp: 241651
Ion Ratio Lower Upper
154 100
153 114.1 90.6 135.8
152 53.9 43.6 65.4

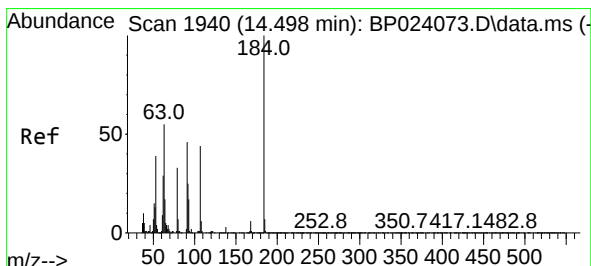
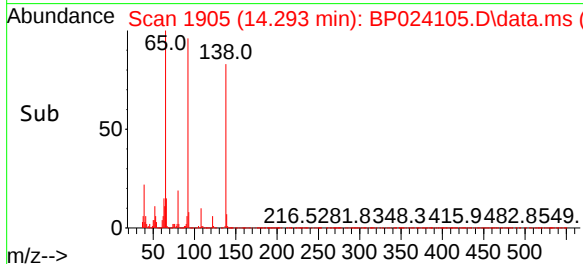
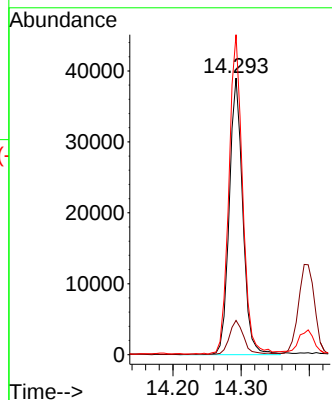
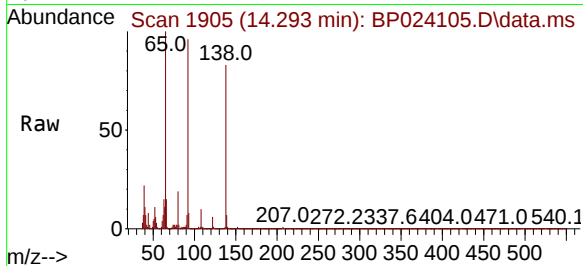




#53
3-Nitroaniline
Concen: 3.395 ng
RT: 14.293 min Scan# 1905
Delta R.T. 0.000 min
Lab File: BP024105.D
Acq: 20 Feb 2025 12:25

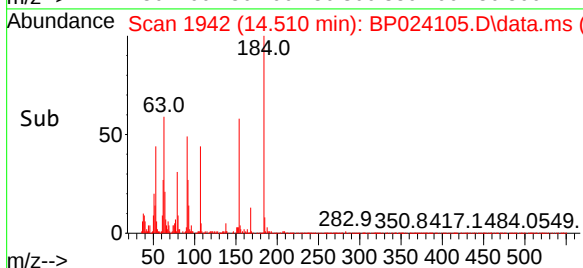
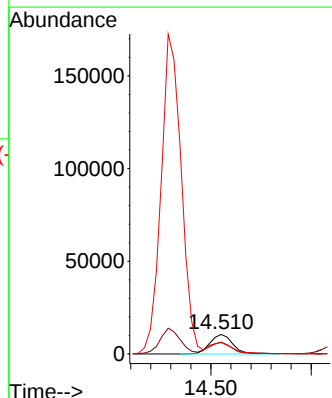
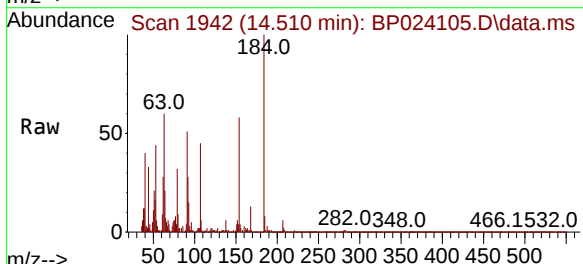
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2025

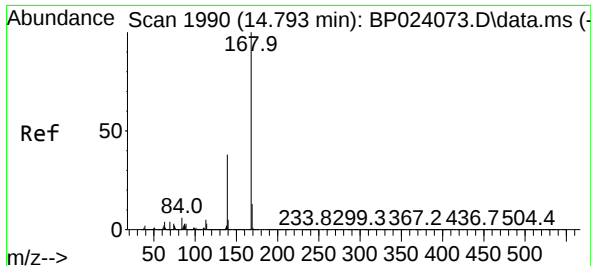
Tgt Ion:138 Resp: 53653
Ion Ratio Lower Upper
138 100
108 12.4 7.8 11.8#
92 115.7 88.4 132.6



#54
2,4-Dinitrophenol
Concen: 9.320 ng
RT: 14.510 min Scan# 1942
Delta R.T. 0.012 min
Lab File: BP024105.D
Acq: 20 Feb 2025 12:25

Tgt Ion:184 Resp: 16660
Ion Ratio Lower Upper
184 100
63 60.4 49.4 74.0
154 58.3 49.2 73.8

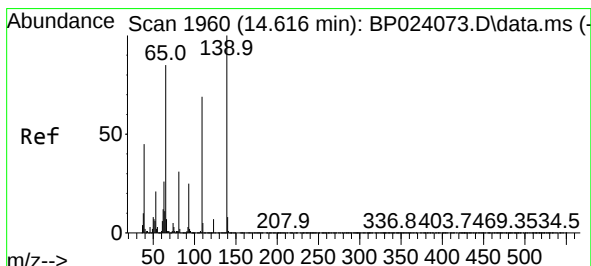
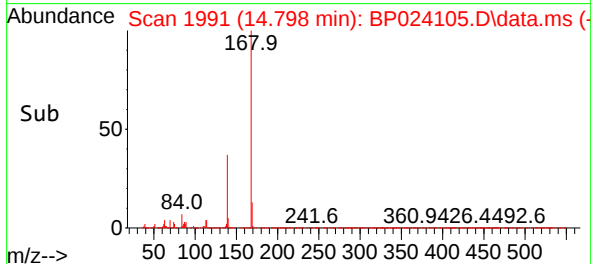
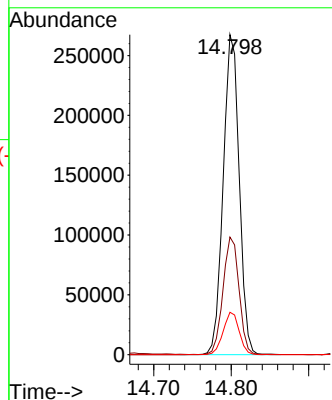
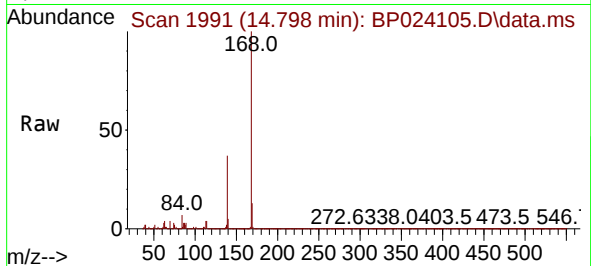




#55
Dibenzenofuran
Concen: 4.121 ng
RT: 14.798 min Scan# 1991
Delta R.T. 0.006 min
Lab File: BP024105.D
Acq: 20 Feb 2025 12:25

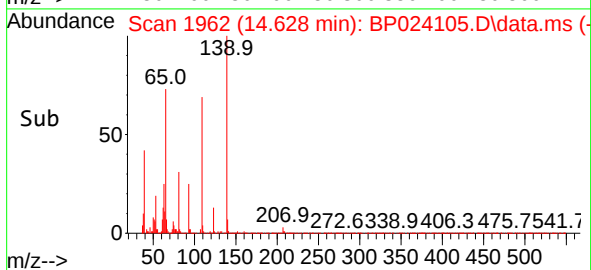
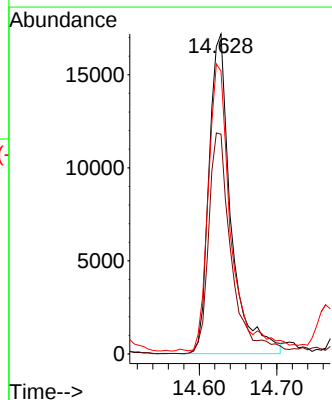
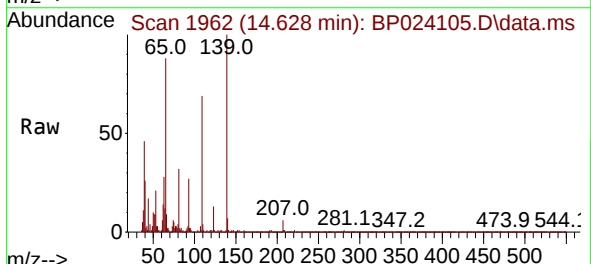
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2025

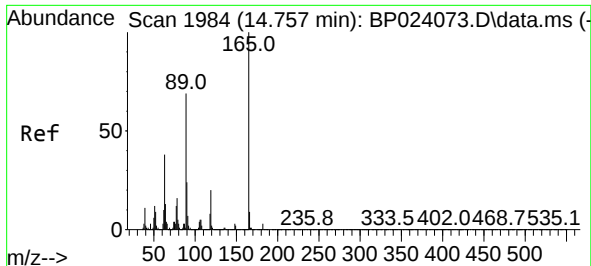
Tgt Ion:168 Resp: 384539
Ion Ratio Lower Upper
168 100
139 36.8 30.2 45.2
169 13.3 10.7 16.1



#56
4-Nitrophenol
Concen: 2.485 ng
RT: 14.628 min Scan# 1962
Delta R.T. 0.012 min
Lab File: BP024105.D
Acq: 20 Feb 2025 12:25

Tgt Ion:139 Resp: 33916
Ion Ratio Lower Upper
139 100
109 68.7 49.2 89.2
65 88.3 65.4 105.4

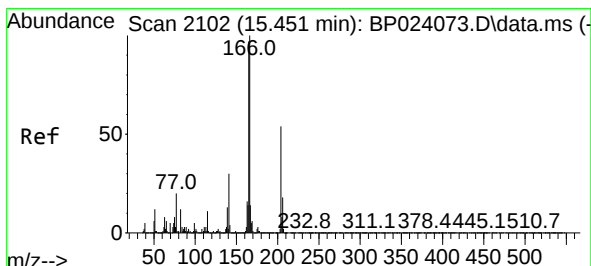
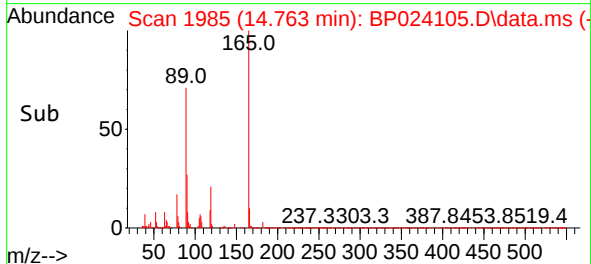
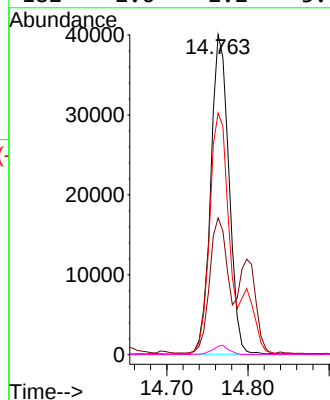
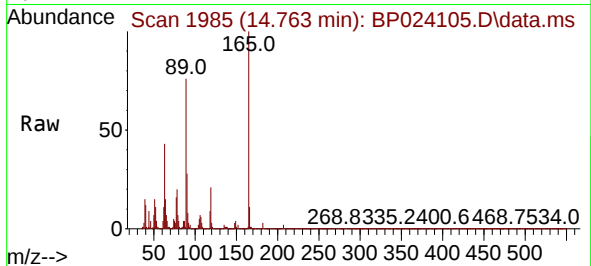




#57
2,4-Dinitrotoluene
Concen: 3.224 ng
RT: 14.763 min Scan# 1984
Delta R.T. 0.006 min
Lab File: BP024105.D
Acq: 20 Feb 2025 12:25

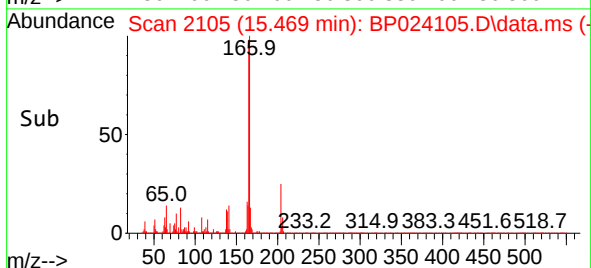
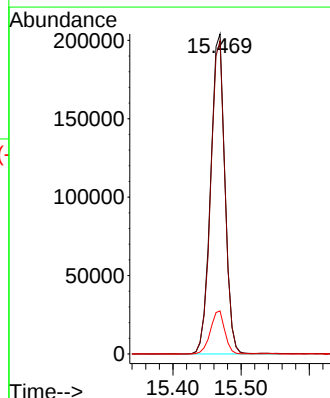
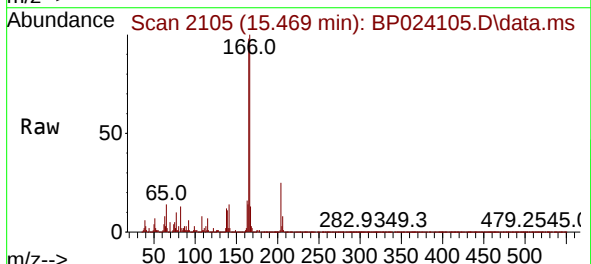
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2025

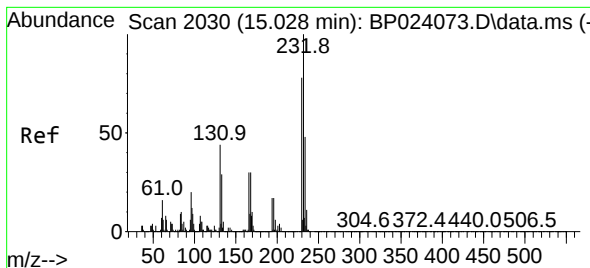
Tgt Ion:	165	Resp:	62010
Ion Ratio	Lower	Upper	
165	100		
63	42.7	30.4	45.6
89	75.6	54.8	82.2
182	2.6	2.2	3.4



#58
Fluorene
Concen: 4.078 ng
RT: 15.469 min Scan# 2105
Delta R.T. 0.018 min
Lab File: BP024105.D
Acq: 20 Feb 2025 12:25

Tgt Ion:	166	Resp:	297169
Ion Ratio	Lower	Upper	
166	100		
165	97.8	77.5	116.3
167	13.4	10.9	16.3

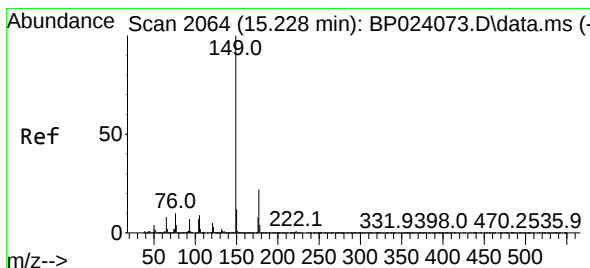
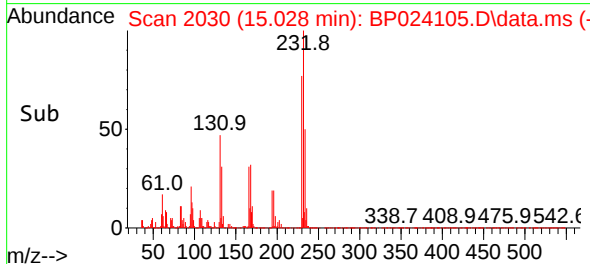
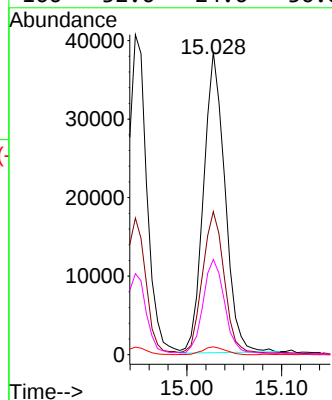
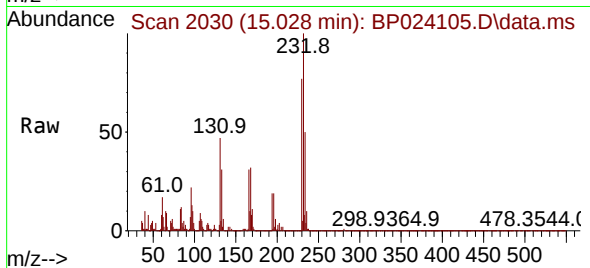




#59
2,3,4,6-Tetrachlorophenol
Concen: 3.281 ng
RT: 15.028 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BP024105.D
Acq: 20 Feb 2025 12:25

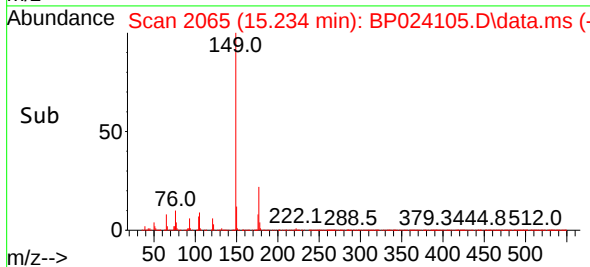
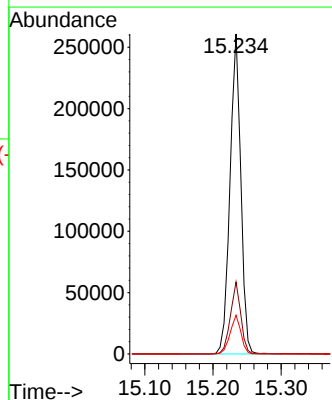
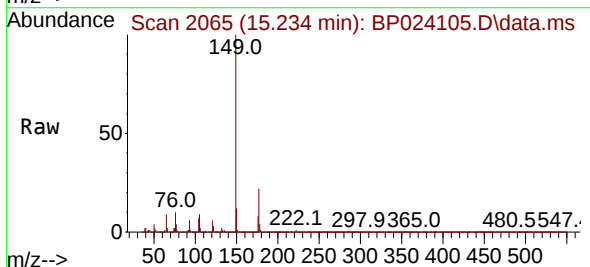
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2025

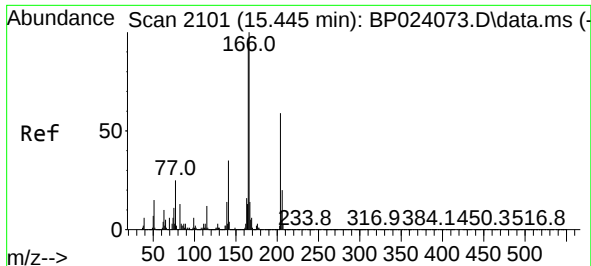
Tgt Ion:	232	Resp:	60113
Ion Ratio	Lower	Upper	
232	100		
131	47.7	37.3	55.9
130	2.8	1.9	2.9
166	32.6	24.6	36.8



#60
Diethylphthalate
Concen: 3.988 ng
RT: 15.234 min Scan# 2065
Delta R.T. 0.006 min
Lab File: BP024105.D
Acq: 20 Feb 2025 12:25

Tgt Ion:	149	Resp:	287756
Ion Ratio	Lower	Upper	
149	100		
177	22.5	17.9	26.9
150	12.1	9.8	14.6

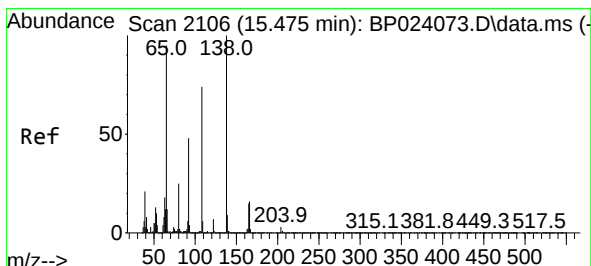
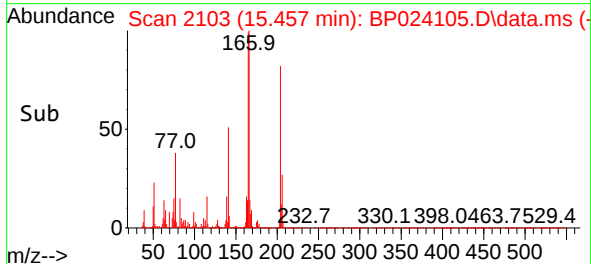
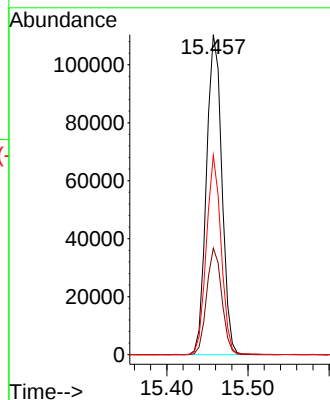
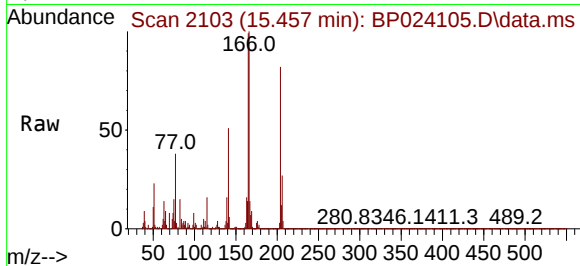




#61
4-Chlorophenyl-phenylether
Concen: 4.049 ng
RT: 15.457 min Scan# 2101
Delta R.T. 0.012 min
Lab File: BP024105.D
Acq: 20 Feb 2025 12:25

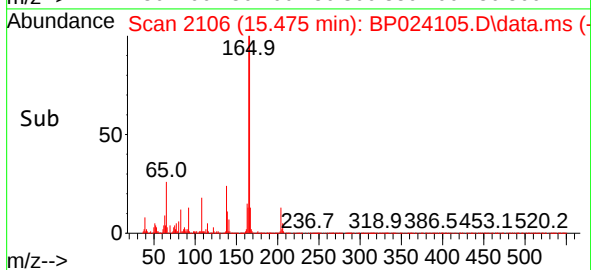
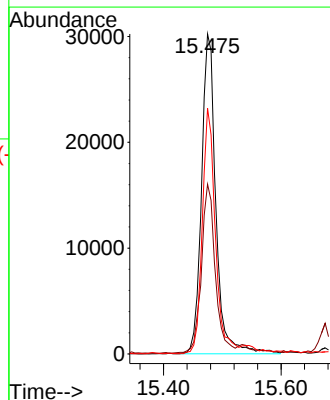
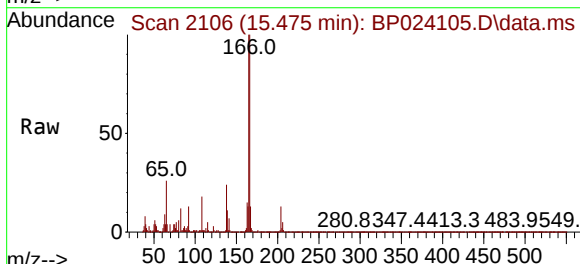
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2025

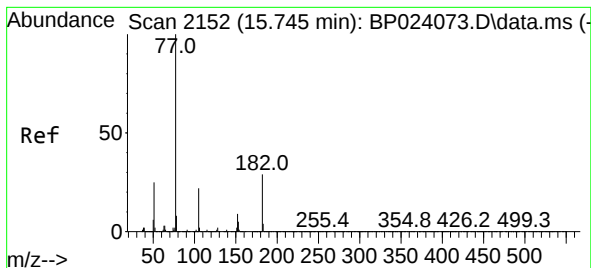
Tgt Ion:204 Resp: 145214
Ion Ratio Lower Upper
204 100
206 33.3 26.6 39.8
141 62.3 47.8 71.6



#62
4-Nitroaniline
Concen: 5.847 ng
RT: 15.475 min Scan# 2106
Delta R.T. -0.000 min
Lab File: BP024105.D
Acq: 20 Feb 2025 12:25

Tgt Ion:138 Resp: 51409
Ion Ratio Lower Upper
138 100
92 53.1 28.3 68.3
108 76.8 54.0 94.0





#63

Azobenzene

Concen: 3.930 ng

RT: 15.757 min Scan# 2152

Delta R.T. 0.012 min

Lab File: BP024105.D

Acq: 20 Feb 2025 12:25

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT1-2025

Tgt Ion: 77 Resp: 265734

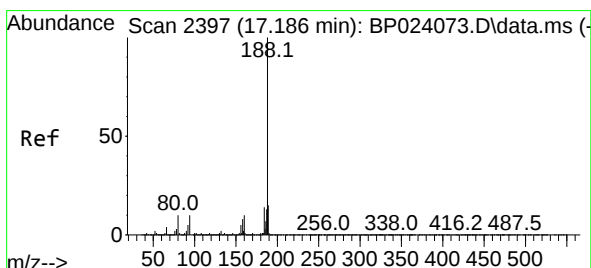
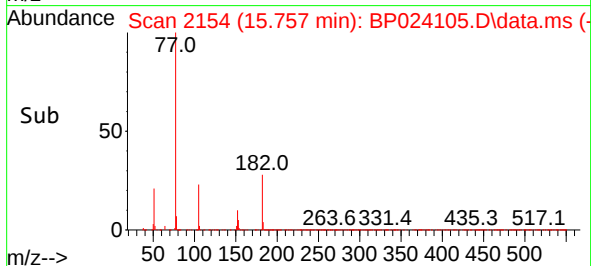
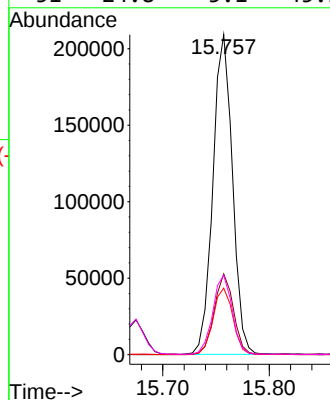
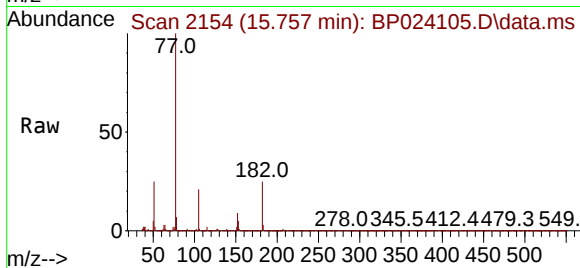
Ion Ratio Lower Upper

77 100

182 25.3 8.5 48.5

105 20.8 1.8 41.8

51 24.8 5.1 45.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.204 min Scan# 2400

Delta R.T. 0.018 min

Lab File: BP024105.D

Acq: 20 Feb 2025 12:25

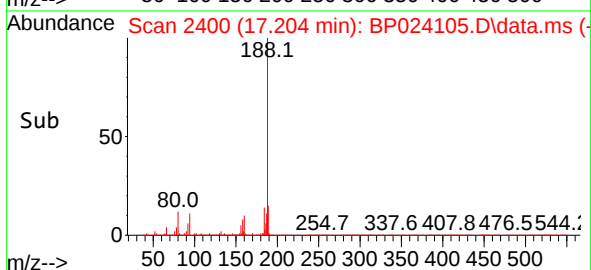
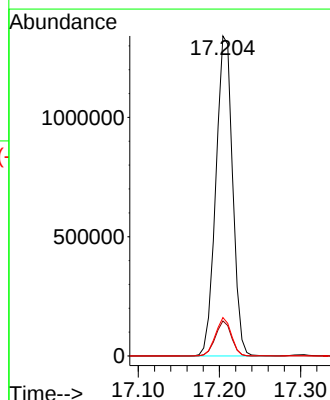
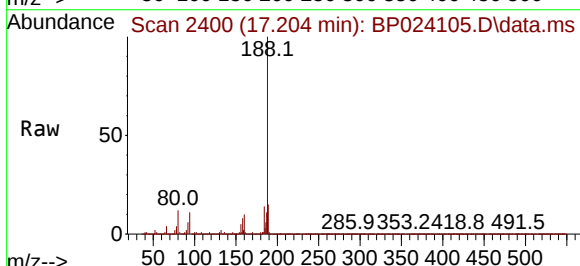
Tgt Ion: 188 Resp: 1923603

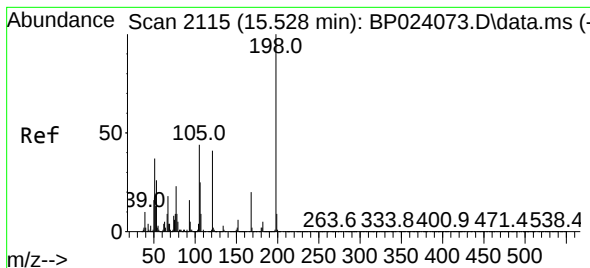
Ion Ratio Lower Upper

188 100

94 11.0 7.6 11.4

80 12.0 8.2 12.2

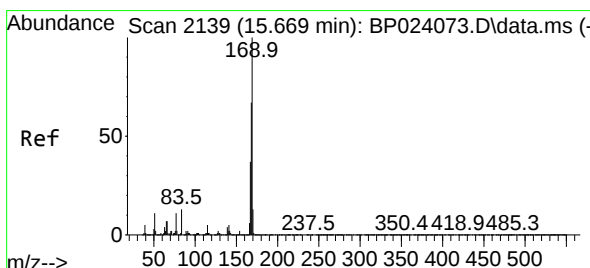
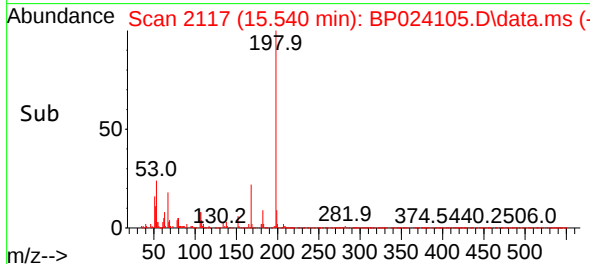
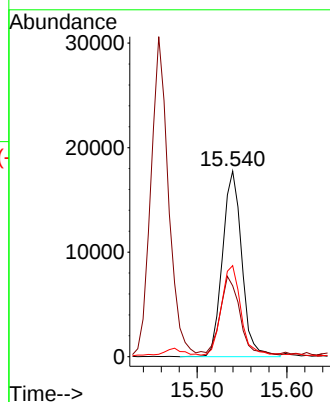
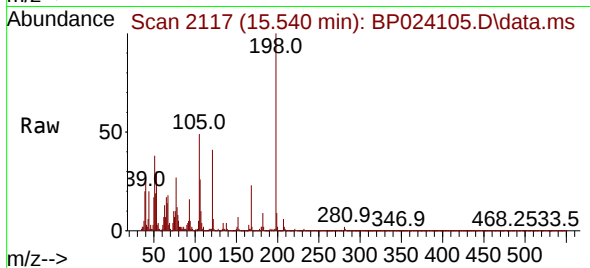




#65
4,6-Dinitro-2-methylphenol
Concen: 7.885 ng
RT: 15.540 min Scan# 2115
Delta R.T. 0.012 min
Lab File: BP024105.D
Acq: 20 Feb 2025 12:25

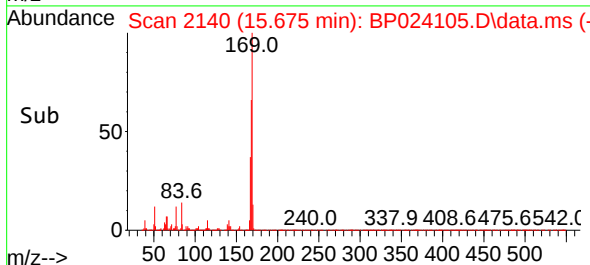
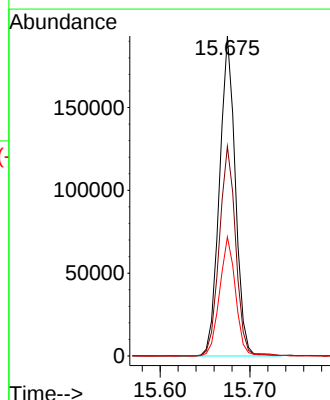
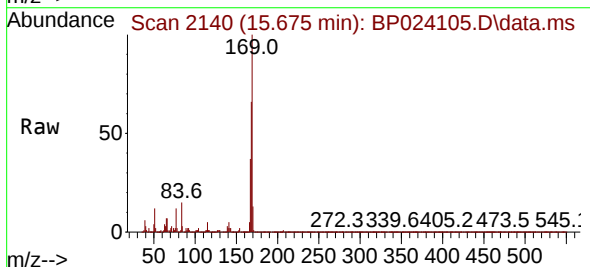
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT1-2025

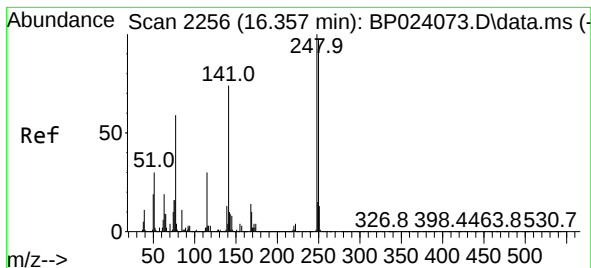
Tgt Ion:198 Resp: 26497
Ion Ratio Lower Upper
198 100
51 38.2 18.7 58.7
105 49.1 24.7 64.7



#66
n-Nitrosodiphenylamine
Concen: 3.954 ng
RT: 15.675 min Scan# 2140
Delta R.T. 0.006 min
Lab File: BP024105.D
Acq: 20 Feb 2025 12:25

Tgt Ion:169 Resp: 237165
Ion Ratio Lower Upper
169 100
168 65.5 53.6 80.4
167 37.2 29.5 44.3

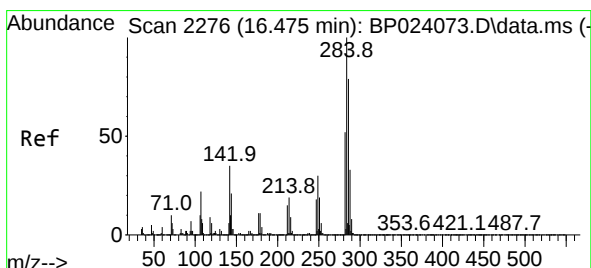
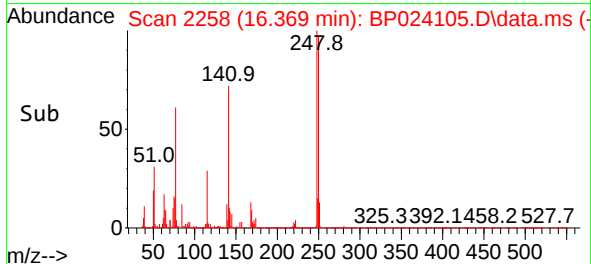
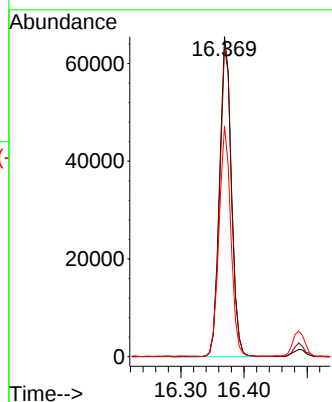
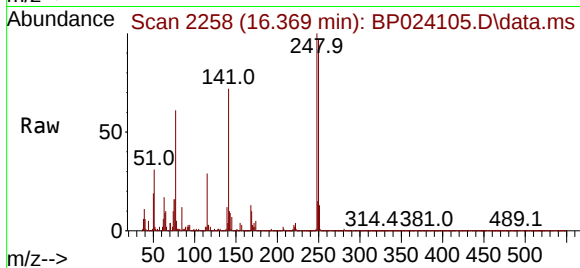




#67
4-Bromophenyl-phenylether
Concen: 3.957 ng
RT: 16.369 min Scan# 2256
Delta R.T. 0.012 min
Lab File: BP024105.D
Acq: 20 Feb 2025 12:25

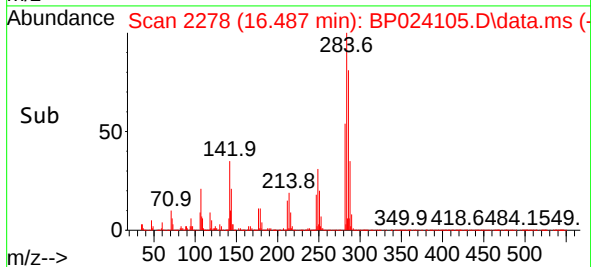
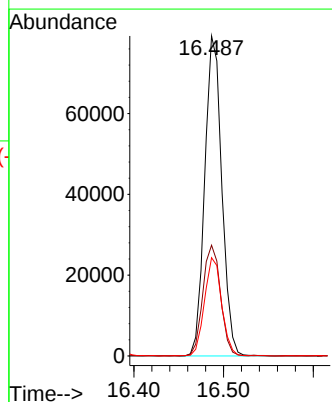
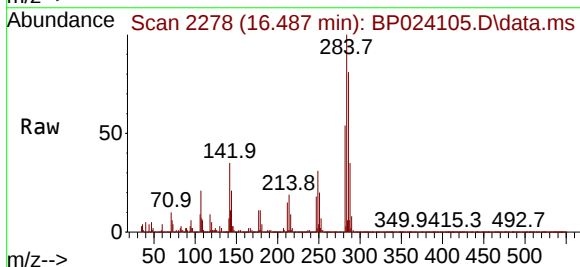
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2025

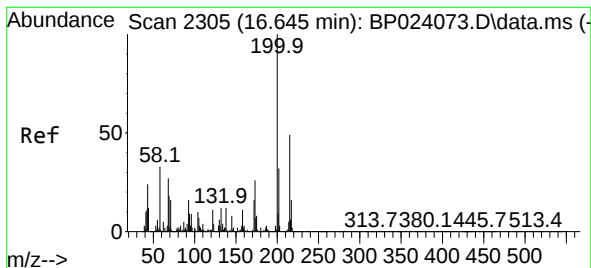
Tgt Ion: 248 Resp: 85465
Ion Ratio Lower Upper
248 100
250 97.1 77.9 116.9
141 72.1 58.8 88.2



#68
Hexachlorobenzene
Concen: 4.114 ng
RT: 16.487 min Scan# 2278
Delta R.T. 0.012 min
Lab File: BP024105.D
Acq: 20 Feb 2025 12:25

Tgt Ion: 284 Resp: 104574
Ion Ratio Lower Upper
284 100
142 34.6 27.7 41.5
249 30.7 23.8 35.6





#69

Atrazine

Concen: 4.560 ng

RT: 16.651 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024105.D

Acq: 20 Feb 2025 12:25

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT1-2025

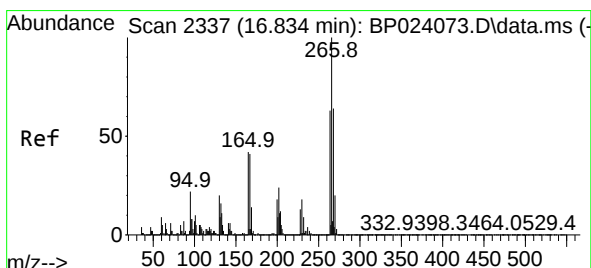
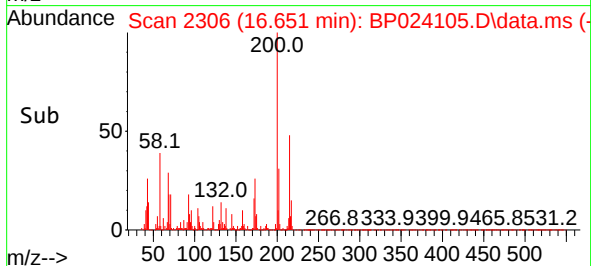
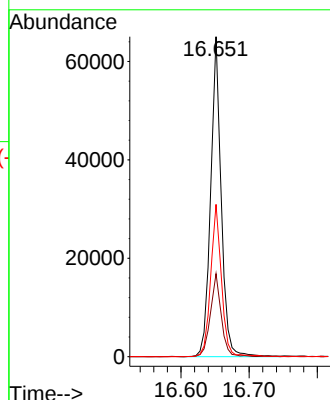
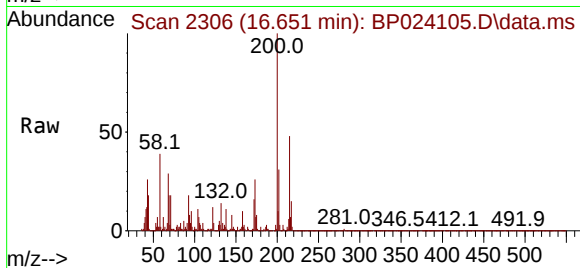
Tgt Ion:200 Resp: 70193

Ion Ratio Lower Upper

200 100

173 26.0 5.7 45.7

215 47.6 28.7 68.7



#70

Pentachlorophenol

Concen: 2.461 ng

RT: 16.851 min Scan# 2340

Delta R.T. 0.017 min

Lab File: BP024105.D

Acq: 20 Feb 2025 12:25

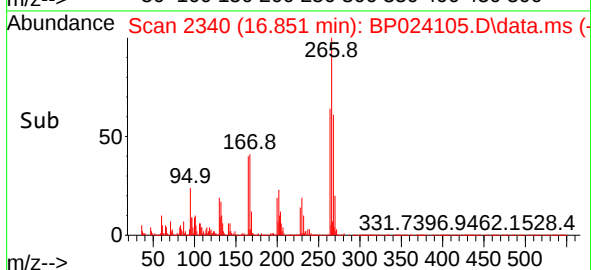
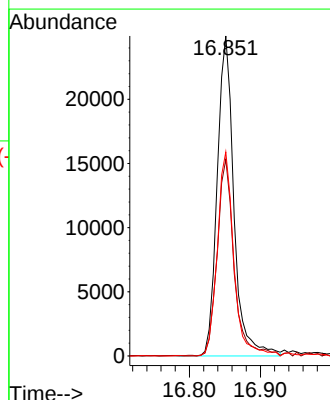
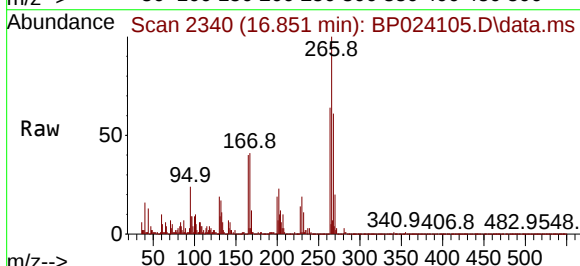
Tgt Ion:266 Resp: 40621

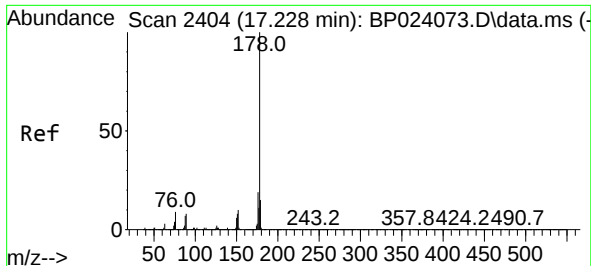
Ion Ratio Lower Upper

266 100

268 61.4 51.3 76.9

264 63.7 50.5 75.7

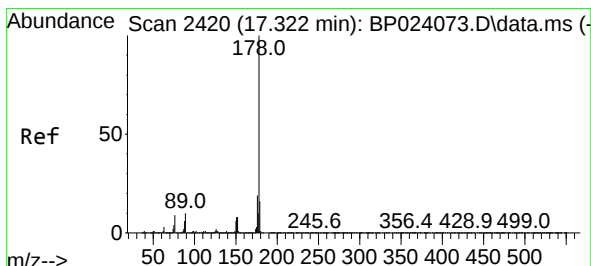
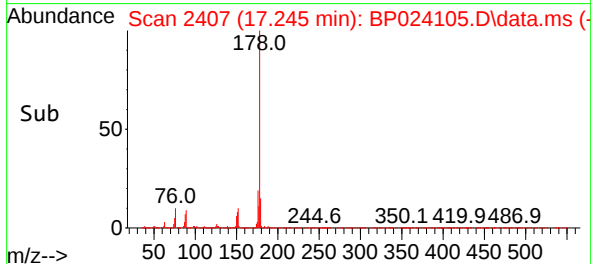
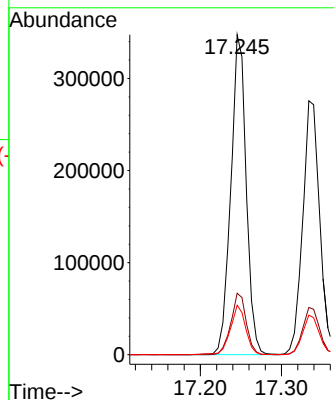
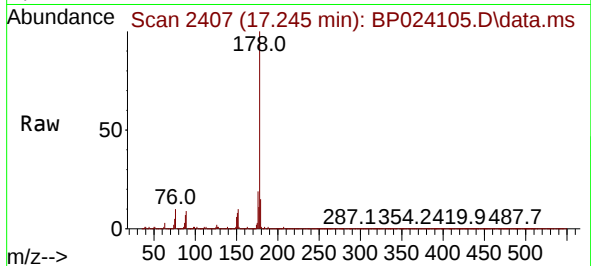




#71
Phenanthrene
Concen: 4.222 ng
RT: 17.245 min Scan# 2404
Delta R.T. 0.018 min
Lab File: BP024105.D
Acq: 20 Feb 2025 12:25

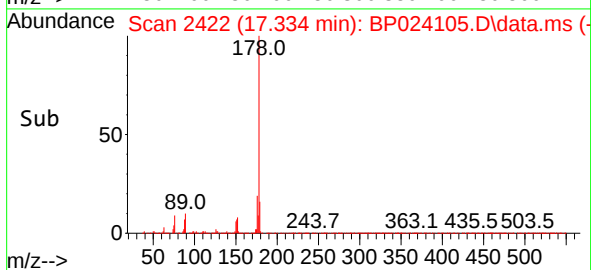
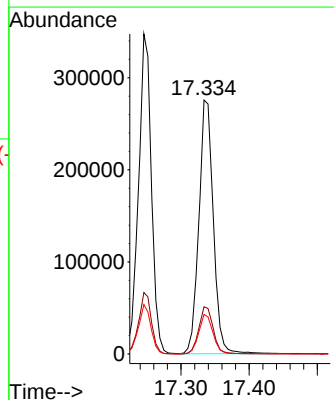
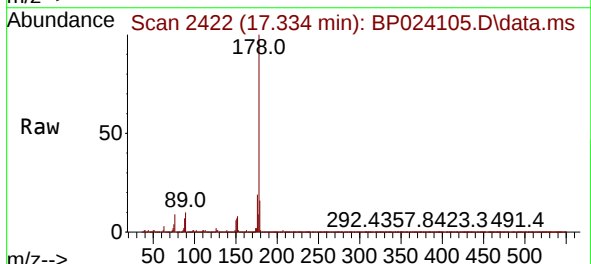
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2025

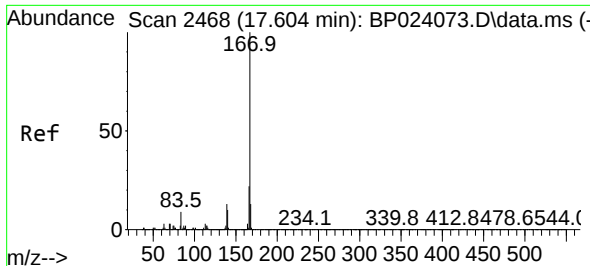
Tgt Ion:178 Resp: 457871
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 15.4 12.4 18.6



#72
Anthracene
Concen: 3.904 ng
RT: 17.334 min Scan# 2422
Delta R.T. 0.012 min
Lab File: BP024105.D
Acq: 20 Feb 2025 12:25

Tgt Ion:178 Resp: 405728
Ion Ratio Lower Upper
178 100
176 18.6 15.4 23.0
179 15.6 12.6 19.0

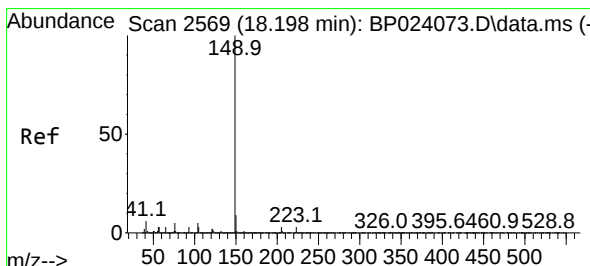
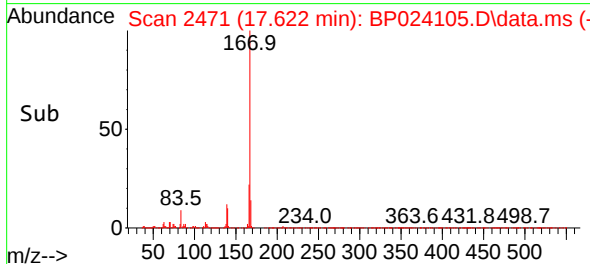
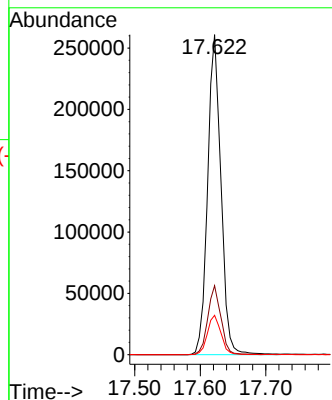
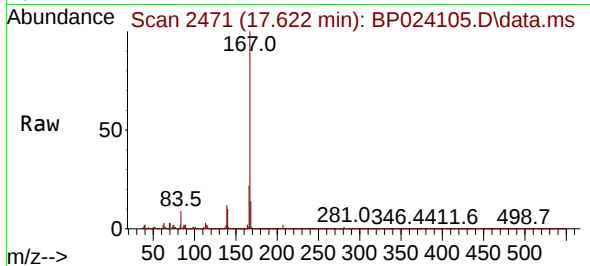




#73
 Carbazole
 Concen: 3.727 ng
 RT: 17.622 min Scan# 2468
 Delta R.T. 0.018 min
 Lab File: BP024105.D
 Acq: 20 Feb 2025 12:25

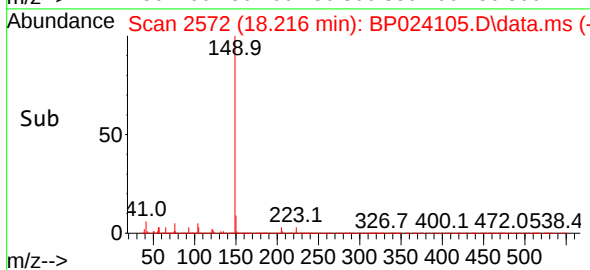
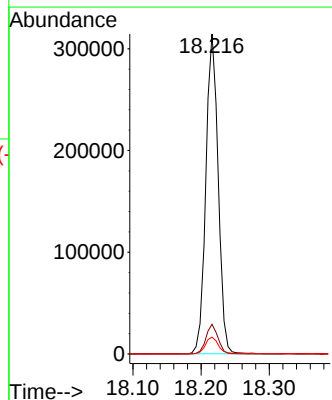
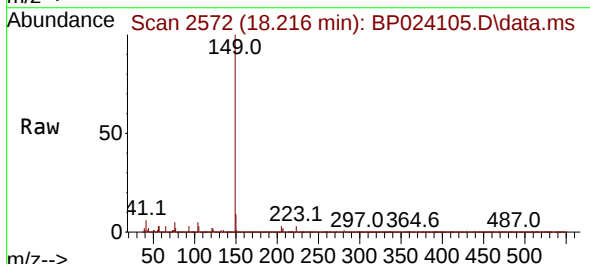
Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-03-QT1-2025

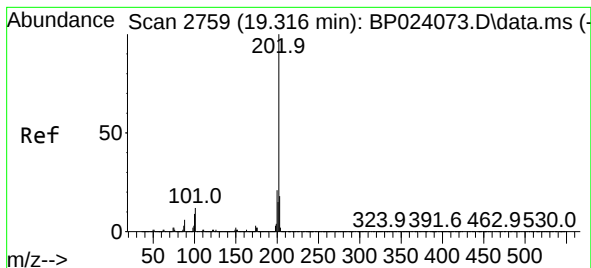
Tgt Ion:167 Resp: 369049
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.3 25.9
 139 12.3 10.3 15.5



#74
 Di-n-butylphthalate
 Concen: 3.424 ng
 RT: 18.216 min Scan# 2572
 Delta R.T. 0.018 min
 Lab File: BP024105.D
 Acq: 20 Feb 2025 12:25

Tgt Ion:149 Resp: 395601
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 5.3 4.2 6.2





#75

Fluoranthene

Concen: 3.746 ng

RT: 19.328 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP024105.D

Acq: 20 Feb 2025 12:25

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT1-2025

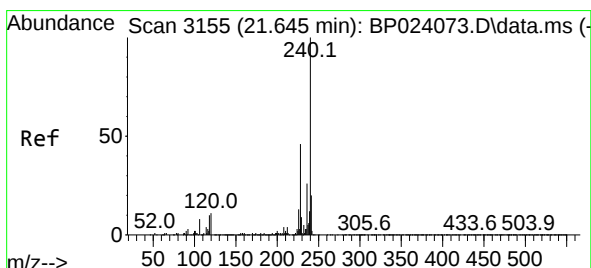
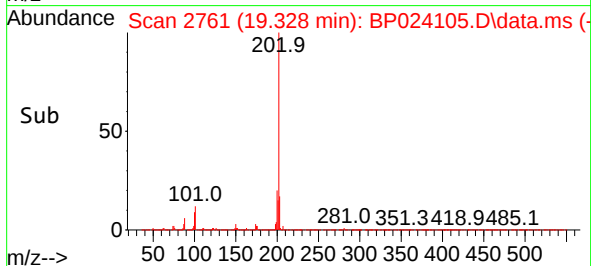
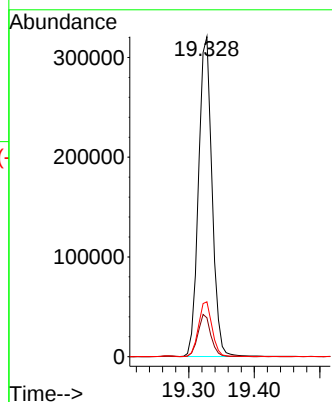
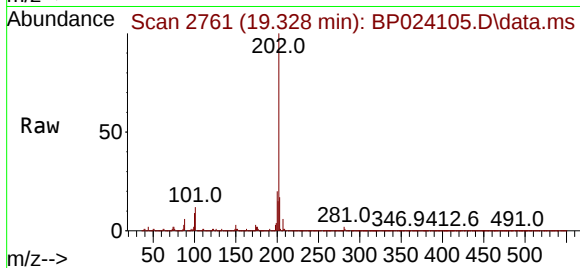
Tgt Ion:202 Resp: 459458

Ion Ratio Lower Upper

202 100

101 12.2 0.0 31.9

203 17.1 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.651 min Scan# 3156

Delta R.T. 0.006 min

Lab File: BP024105.D

Acq: 20 Feb 2025 12:25

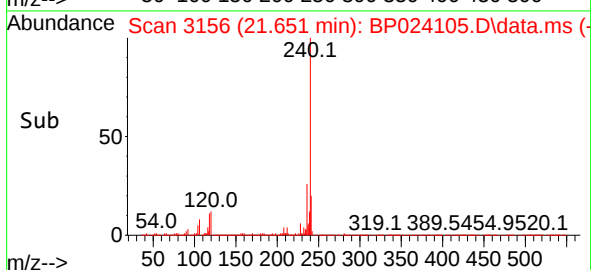
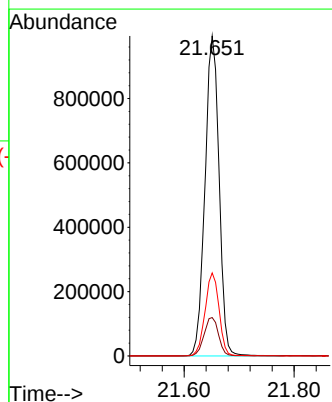
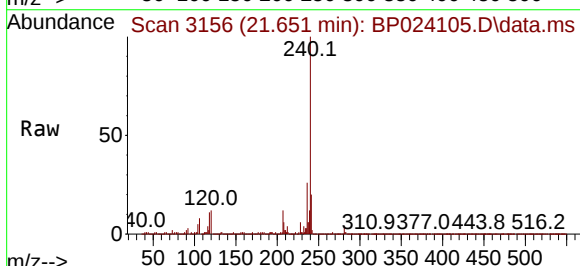
Tgt Ion:240 Resp: 1769288

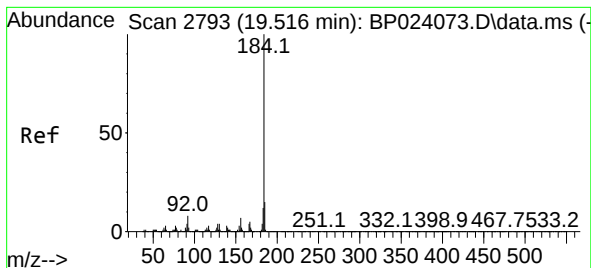
Ion Ratio Lower Upper

240 100

120 12.0 8.9 13.3

236 26.0 20.7 31.1





#77

Benzidine

Concen: 5.187 ng

RT: 19.534 min Scan# 21

Delta R.T. 0.018 min

Lab File: BP024105.D

Acq: 20 Feb 2025 12:25

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT1-2025

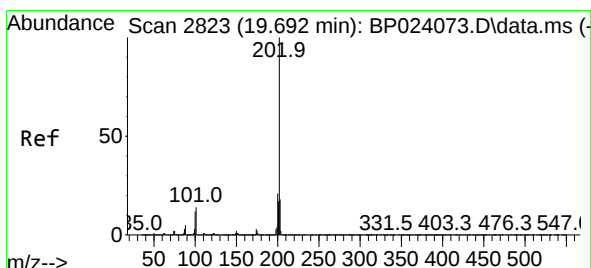
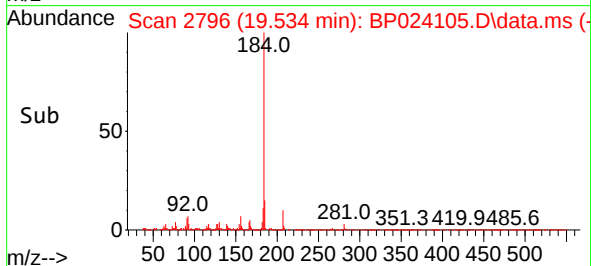
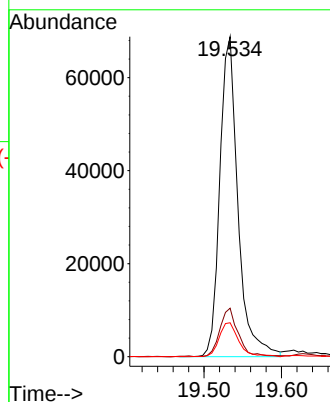
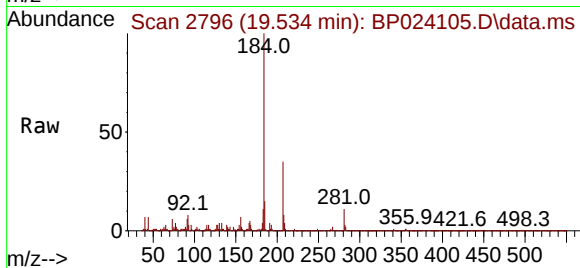
Tgt Ion:184 Resp: 111839

Ion Ratio Lower Upper

184 100

185 15.2 11.8 17.8

183 10.6 9.3 13.9



#78

Pyrene

Concen: 4.369 ng

RT: 19.704 min Scan# 2825

Delta R.T. 0.012 min

Lab File: BP024105.D

Acq: 20 Feb 2025 12:25

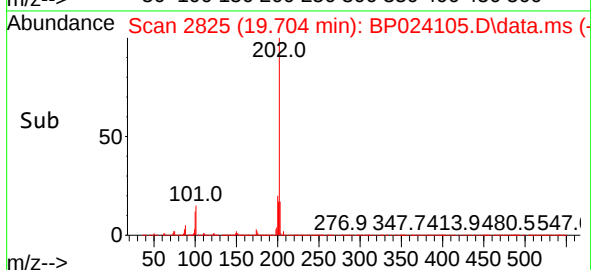
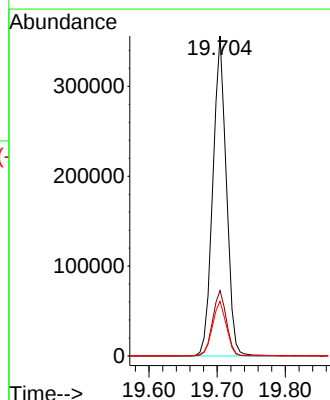
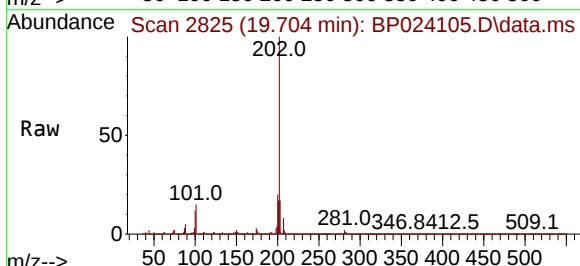
Tgt Ion:202 Resp: 491029

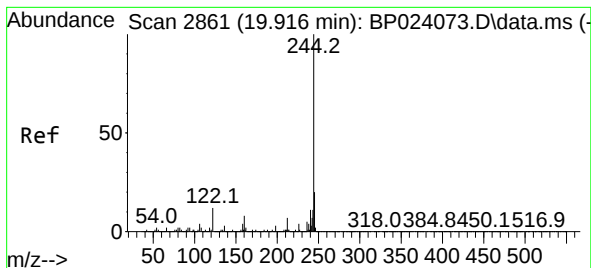
Ion Ratio Lower Upper

202 100

200 20.5 17.2 25.8

203 17.1 14.4 21.6





#79

Terphenyl-d14

Concen: 92.646 ng

RT: 19.928 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP024105.D

Acq: 20 Feb 2025 12:25

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT1-2025

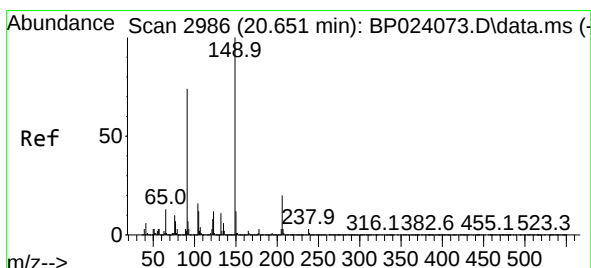
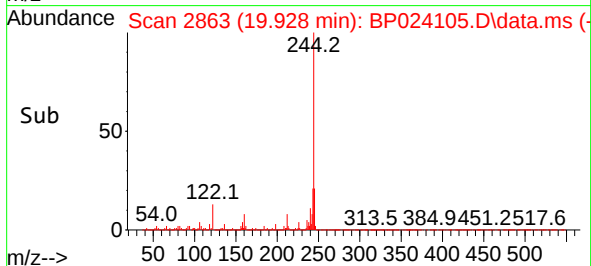
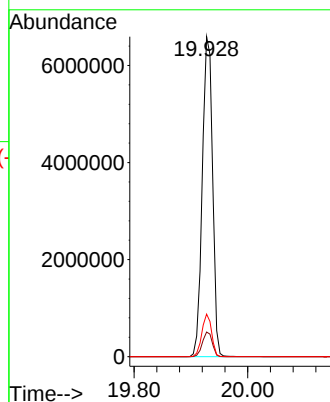
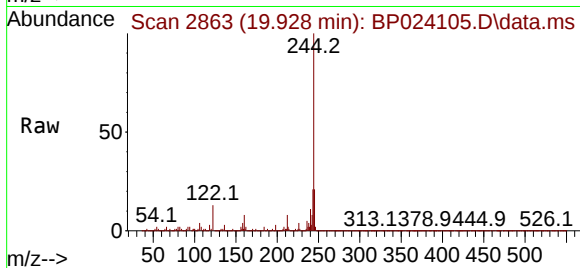
Tgt Ion:244 Resp: 8283873

Ion Ratio Lower Upper

244 100

212 7.7 5.9 8.9

122 13.3 9.4 14.2



#80

Butylbenzylphthalate

Concen: 3.385 ng

RT: 20.657 min Scan# 2987

Delta R.T. 0.006 min

Lab File: BP024105.D

Acq: 20 Feb 2025 12:25

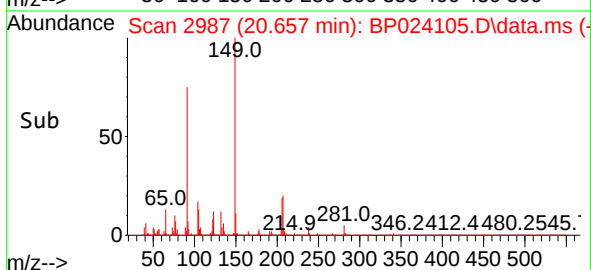
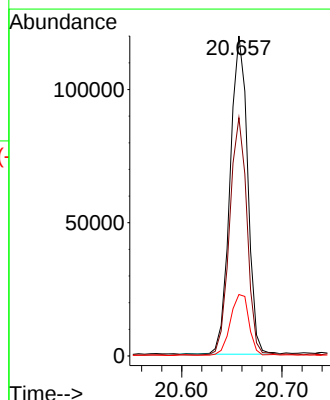
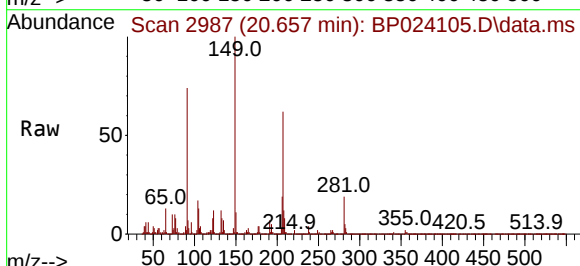
Tgt Ion:149 Resp: 145766

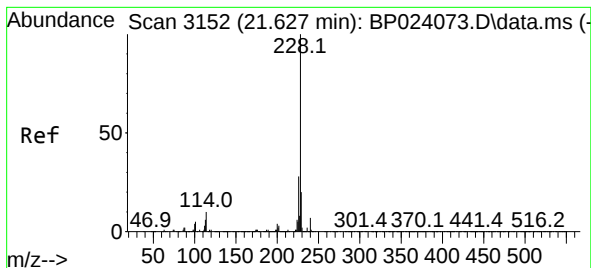
Ion Ratio Lower Upper

149 100

91 74.4 59.4 89.0

206 19.2 16.2 24.2





#81

Benzo(a)anthracene

Concen: 4.181 ng

RT: 21.633 min Scan# 3152

Delta R.T. 0.006 min

Lab File: BP024105.D

Acq: 20 Feb 2025 12:25

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT1-2025

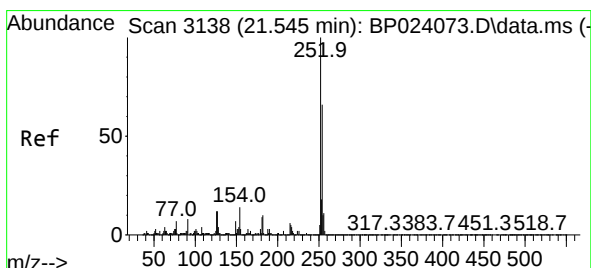
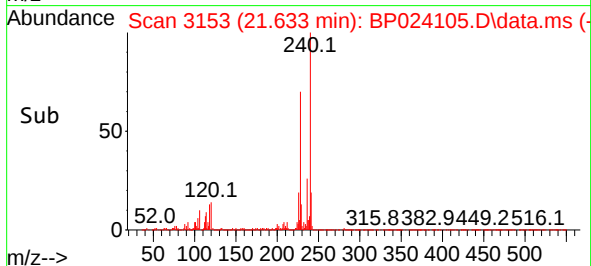
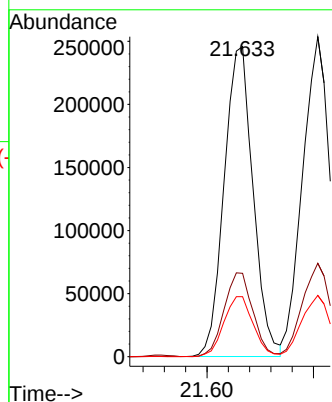
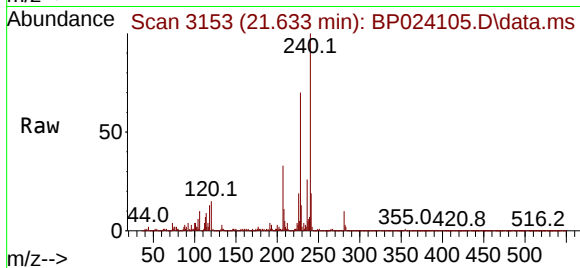
Tgt Ion:228 Resp: 463804

Ion Ratio Lower Upper

228 100

226 26.9 22.2 33.4

229 19.3 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 3.406 ng

RT: 21.557 min Scan# 3140

Delta R.T. 0.012 min

Lab File: BP024105.D

Acq: 20 Feb 2025 12:25

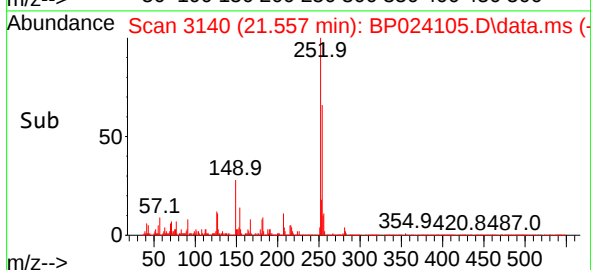
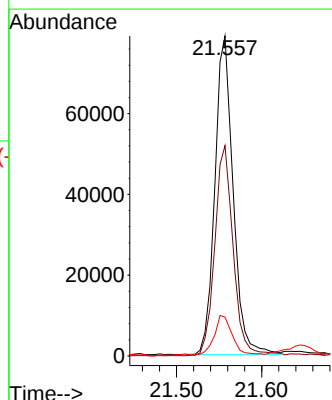
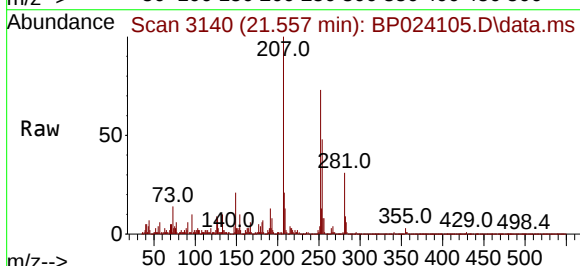
Tgt Ion:252 Resp: 118083

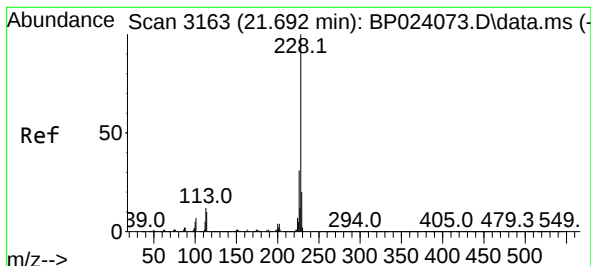
Ion Ratio Lower Upper

252 100

254 65.8 52.4 78.6

126 12.1 9.6 14.4





#83

Chrysene

Concen: 4.206 ng

RT: 21.704 min Scan# 3165

Delta R.T. 0.012 min

Lab File: BP024105.D

Acq: 20 Feb 2025 12:25

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT1-2025

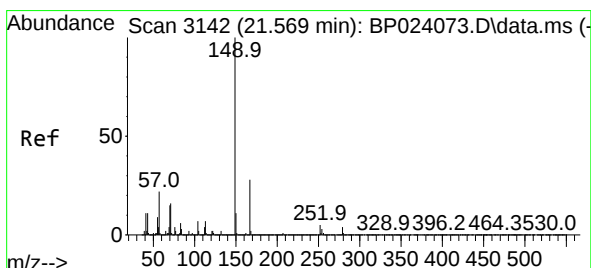
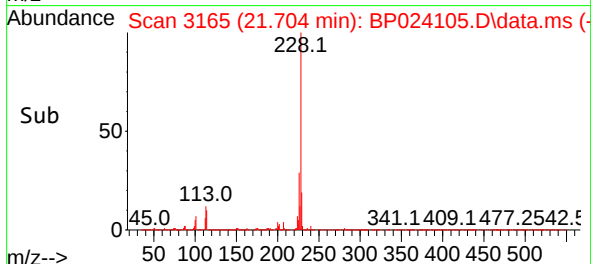
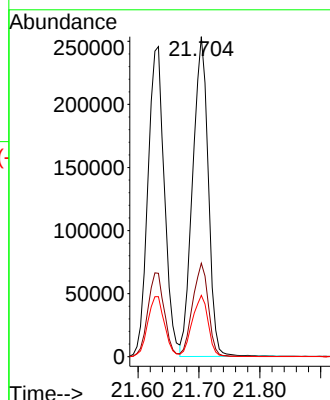
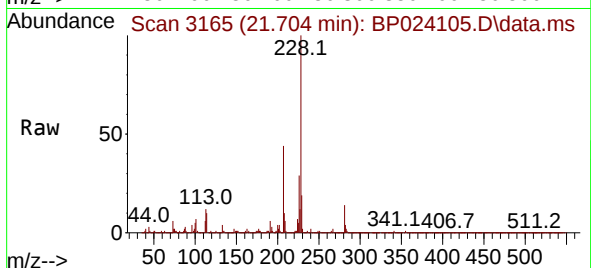
Tgt Ion:228 Resp: 449987

Ion Ratio Lower Upper

228 100

226 29.2 24.5 36.7

229 19.1 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.229 ng

RT: 21.575 min Scan# 3143

Delta R.T. 0.006 min

Lab File: BP024105.D

Acq: 20 Feb 2025 12:25

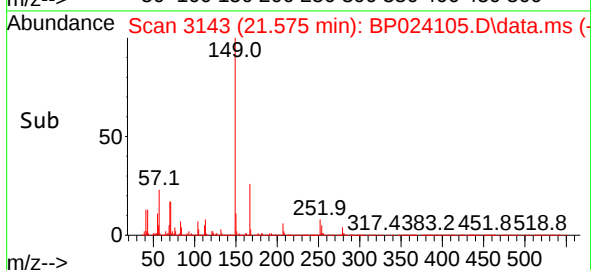
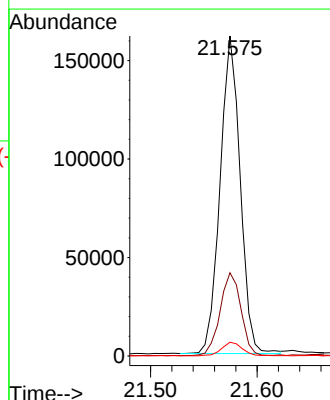
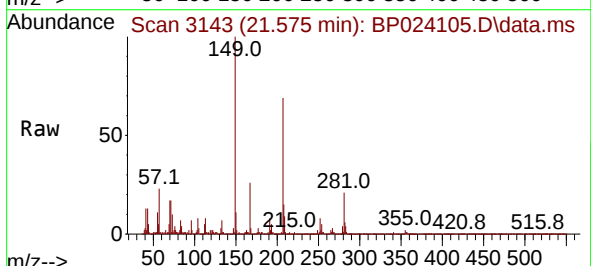
Tgt Ion:149 Resp: 210841

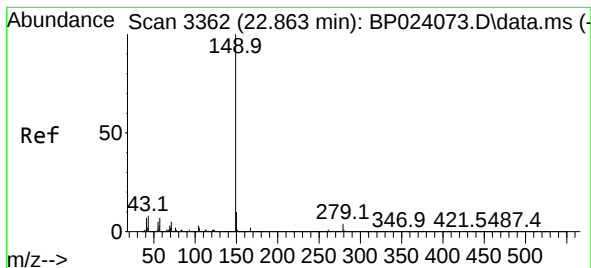
Ion Ratio Lower Upper

149 100

167 26.0 22.2 33.2

279 4.3 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 2.617 ng

RT: 22.869 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP024105.D

Acq: 20 Feb 2025 12:25

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT1-2025

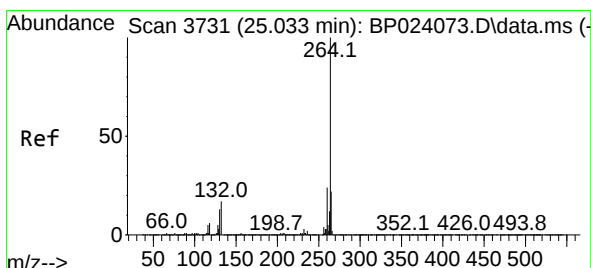
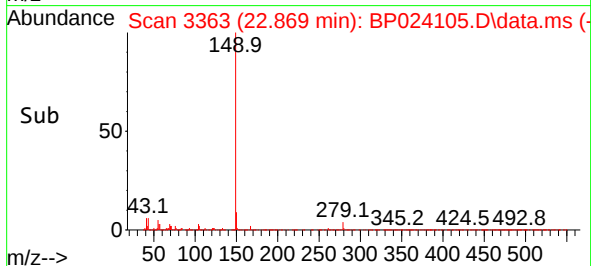
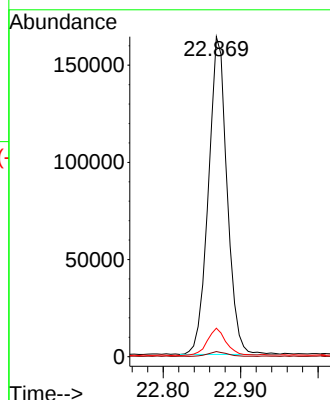
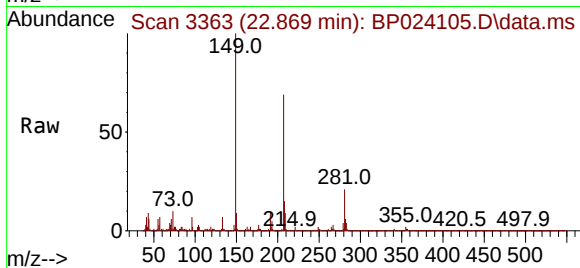
Tgt Ion:149 Resp: 273188

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.8 6.4 9.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.045 min Scan# 3733

Delta R.T. 0.012 min

Lab File: BP024105.D

Acq: 20 Feb 2025 12:25

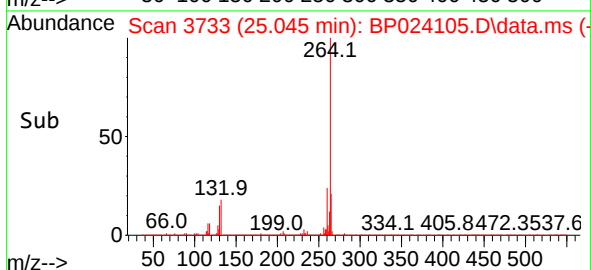
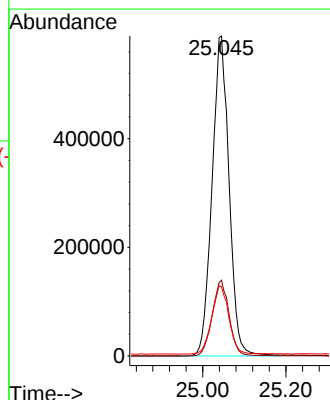
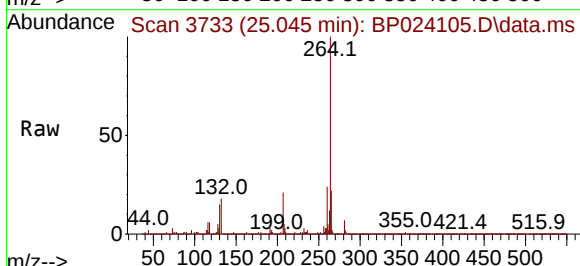
Tgt Ion:264 Resp: 1674666

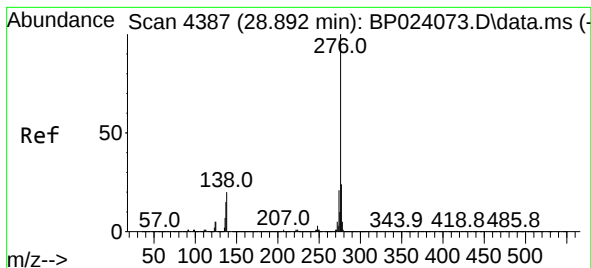
Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.6

265 21.6 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.268 ng

RT: 28.874 min Scan# 41

Delta R.T. -0.018 min

Lab File: BP024105.D

Acq: 20 Feb 2025 12:25

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT1-2025

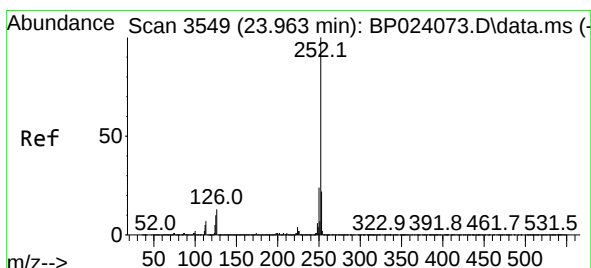
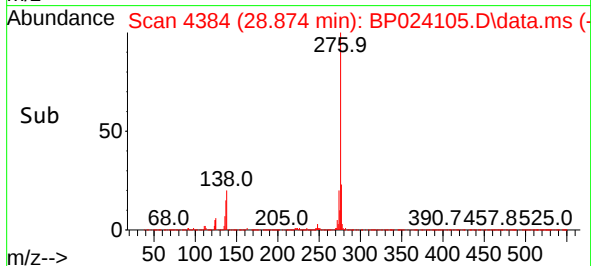
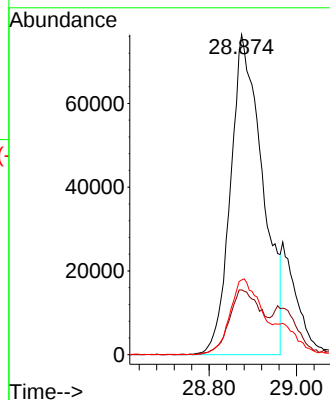
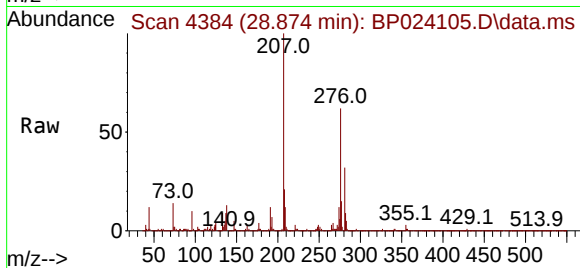
Tgt Ion:276 Resp: 389290

Ion Ratio Lower Upper

276 100

138 20.5 14.2 21.4

277 22.9 16.2 24.4



#88

Benzo(b)fluoranthene

Concen: 3.779 ng

RT: 23.951 min Scan# 3547

Delta R.T. -0.012 min

Lab File: BP024105.D

Acq: 20 Feb 2025 12:25

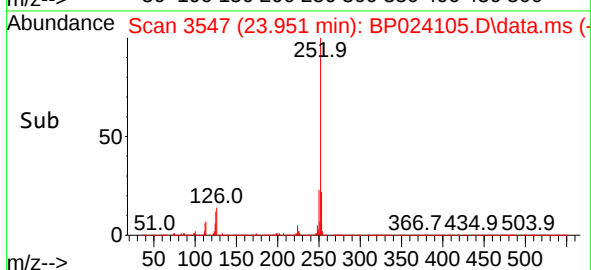
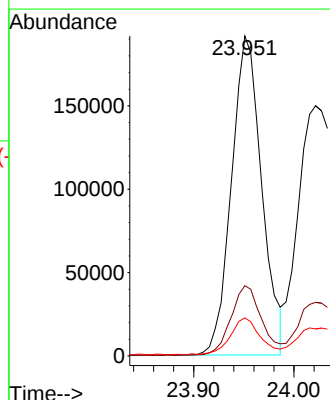
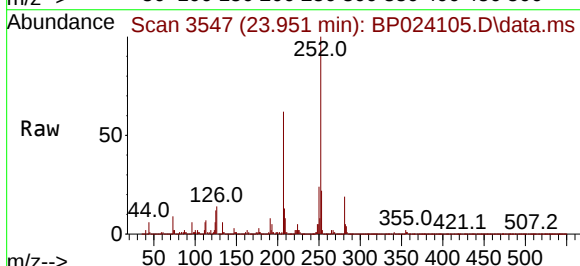
Tgt Ion:252 Resp: 401852

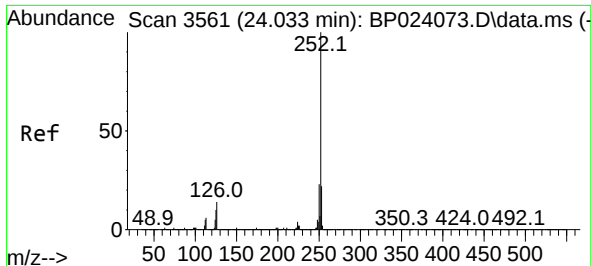
Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

125 11.9 8.4 12.6

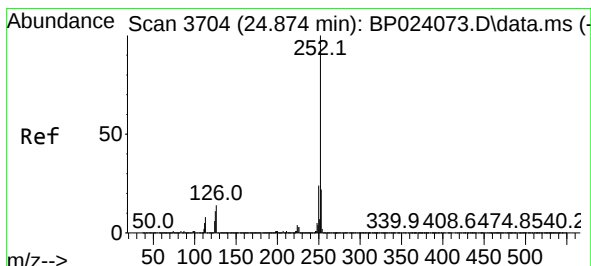
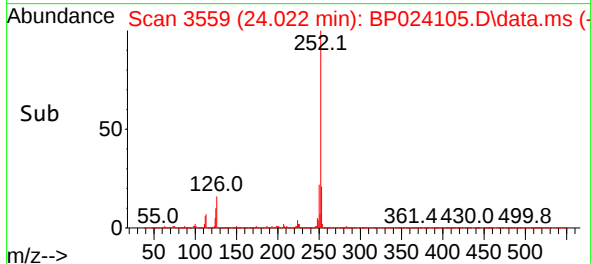
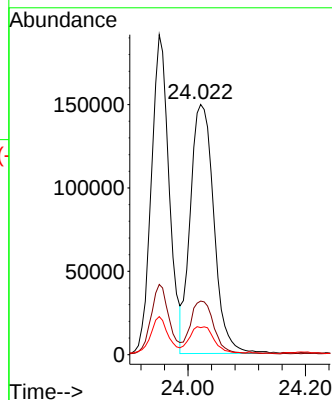
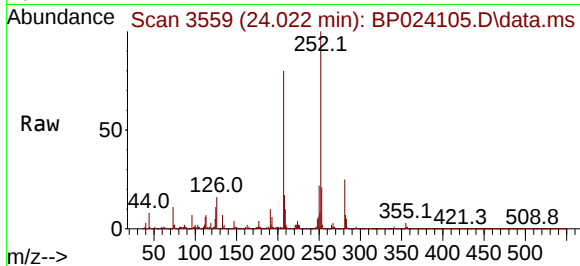




#89
Benzo(k)fluoranthene
Concen: 4.014 ng
RT: 24.022 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP024105.D
Acq: 20 Feb 2025 12:25

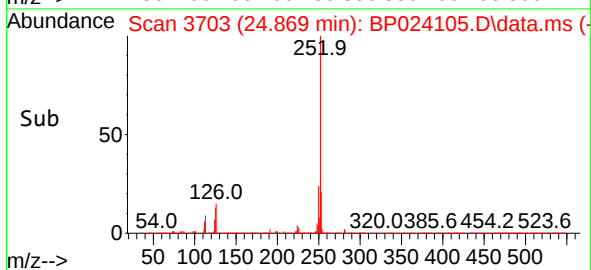
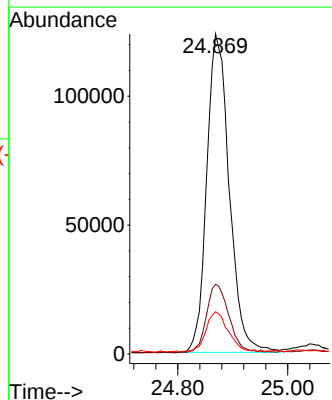
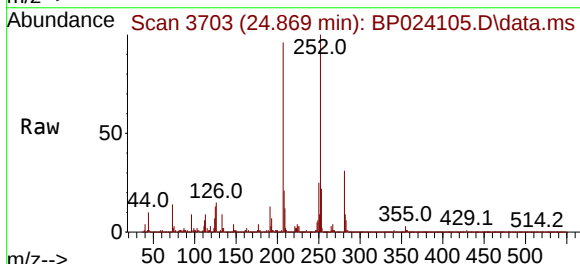
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2025

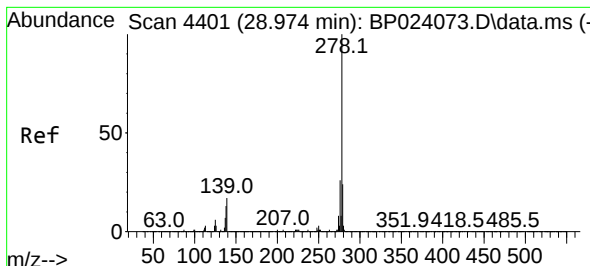
Tgt Ion:252 Resp: 415541
Ion Ratio Lower Upper
252 100
253 21.4 17.8 26.6
125 10.8 8.1 12.1



#90
Benzo(a)pyrene
Concen: 3.908 ng
RT: 24.869 min Scan# 3703
Delta R.T. -0.006 min
Lab File: BP024105.D
Acq: 20 Feb 2025 12:25

Tgt Ion:252 Resp: 352713
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 13.2 8.8 13.2#





#91

Dibenzo(a,h)anthracene

Concen: 3.784 ng

RT: 28.968 min Scan# 4400

Delta R.T. -0.006 min

Lab File: BP024105.D

Acq: 20 Feb 2025 12:25

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT1-2025

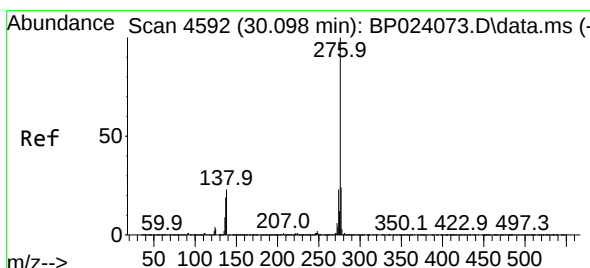
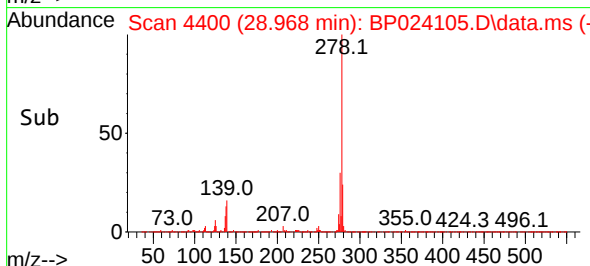
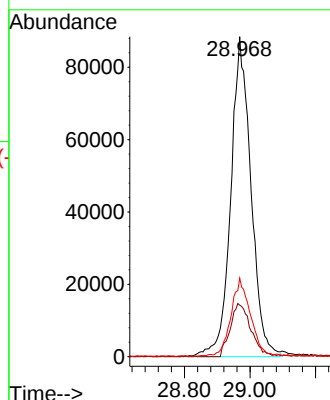
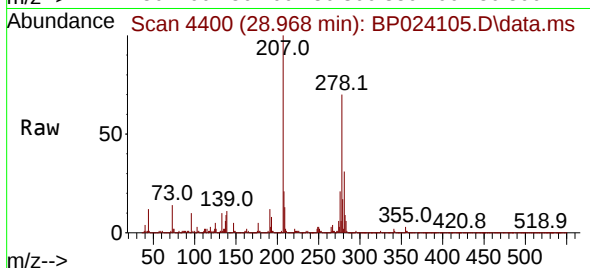
Tgt Ion:278 Resp: 379041

Ion Ratio Lower Upper

278 100

139 16.1 13.4 20.0

279 24.5 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 3.542 ng

RT: 30.056 min Scan# 4585

Delta R.T. -0.041 min

Lab File: BP024105.D

Acq: 20 Feb 2025 12:25

Tgt Ion:276 Resp: 360006

Ion Ratio Lower Upper

276 100

277 22.4 18.9 28.3

138 21.7 18.1 27.1

