

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
 Data File : BP025116.D
 Acq On : 14 Jul 2025 12:07
 Operator : CG/JU
 Sample : Q2126-09
 Misc : MDL-MDL-WATER-4 PPM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-03-QT2-2025

Quant Time: Jul 14 12:34:19 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 03 16:05:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.437	152	449387	20.000	ng	0.00
21) Naphthalene-d8	10.178	136	1806866	20.000	ng	0.00
39) Acenaphthene-d10	14.078	164	1172008	20.000	ng	-0.01
64) Phenanthrene-d10	16.901	188	2388095	20.000	ng	0.00
76) Chrysene-d12	21.330	240	2591131	20.000	ng	-0.01
86) Perylene-d12	24.466	264	2833269	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.096	112	3080383	121.454	ng	0.00
7) Phenol-d6	6.625	99	3848958	116.291	ng	0.00
23) Nitrobenzene-d5	8.566	82	2536423	93.358	ng	0.00
42) 2,4,6-Tribromophenol	15.607	330	1960142	141.574	ng	-0.01
45) 2-Fluorobiphenyl	12.684	172	6885754	91.016	ng	-0.01
79) Terphenyl-d14	19.672	244	11288483	95.749	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.125	88	38880	3.942	ng	99
3) Pyridine	3.496	79	98935	3.664	ng	98
4) n-Nitrosodimethylamine	3.408	42	38841	3.397	ng	# 93
6) Aniline	6.778	93	156383	5.057	ng	98
8) 2-Chlorophenol	7.008	128	112383	3.960	ng	97
9) Benzaldehyde	6.596	77	94511	5.468	ng	97
10) Phenol	6.655	94	127771	3.799	ng	99
11) bis(2-Chloroethyl)ether	6.878	93	99090	3.829	ng	98
12) 1,3-Dichlorobenzene	7.331	146	128414	4.043	ng	98
13) 1,4-Dichlorobenzene	7.472	146	131128	4.078	ng	99
14) 1,2-Dichlorobenzene	7.778	146	125325	4.052	ng	98
15) Benzyl Alcohol	7.672	79	85616	3.876	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.955	45	129874	3.859	ng	98
17) 2-Methylphenol	7.872	107	81195	3.748	ng	97
18) Hexachloroethane	8.496	117	43557	4.158	ng	97
19) n-Nitroso-di-n-propyla...	8.231	70	73377	3.738	ng	# 98
20) 3+4-Methylphenols	8.190	107	109987	3.625	ng	98
22) Acetophenone	8.237	105	166898	3.906	ng	# 97
24) Nitrobenzene	8.602	77	118664	4.288	ng	99
25) Isophorone	9.131	82	204180	4.021	ng	98
26) 2-Nitrophenol	9.307	139	44316	6.375	ng	97
27) 2,4-Dimethylphenol	9.378	122	95734	5.055	ng	99
28) bis(2-Chloroethoxy)met...	9.613	93	134804	3.910	ng	97
29) 2,4-Dichlorophenol	9.831	162	92161	3.509	ng	99
30) 1,2,4-Trichlorobenzene	10.049	180	119530	4.110	ng	99
31) Naphthalene	10.231	128	359371	3.863	ng	99
32) Benzoic acid	9.425	122	34831	7.806	ng	94
33) 4-Chloroaniline	10.337	127	145745	4.198	ng	99
34) Hexachlorobutadiene	10.537	225	70824	4.244	ng	99
35) Caprolactam	11.084	113	27953	3.111	ng	91
36) 4-Chloro-3-methylphenol	11.472	107	93465	3.406	ng	97
37) 2-Methylnaphthalene	11.854	142	226359	3.448	ng	98
38) 1-Methylnaphthalene	12.078	142	238385	3.723	ng	100
40) 1,2,4,5-Tetrachloroben...	12.231	216	134045	3.980	ng	99
41) Hexachlorocyclopentadiene	12.225	237	60366	6.861	ng	97
43) 2,4,6-Trichlorophenol	12.478	196	73660	3.612	ng	99

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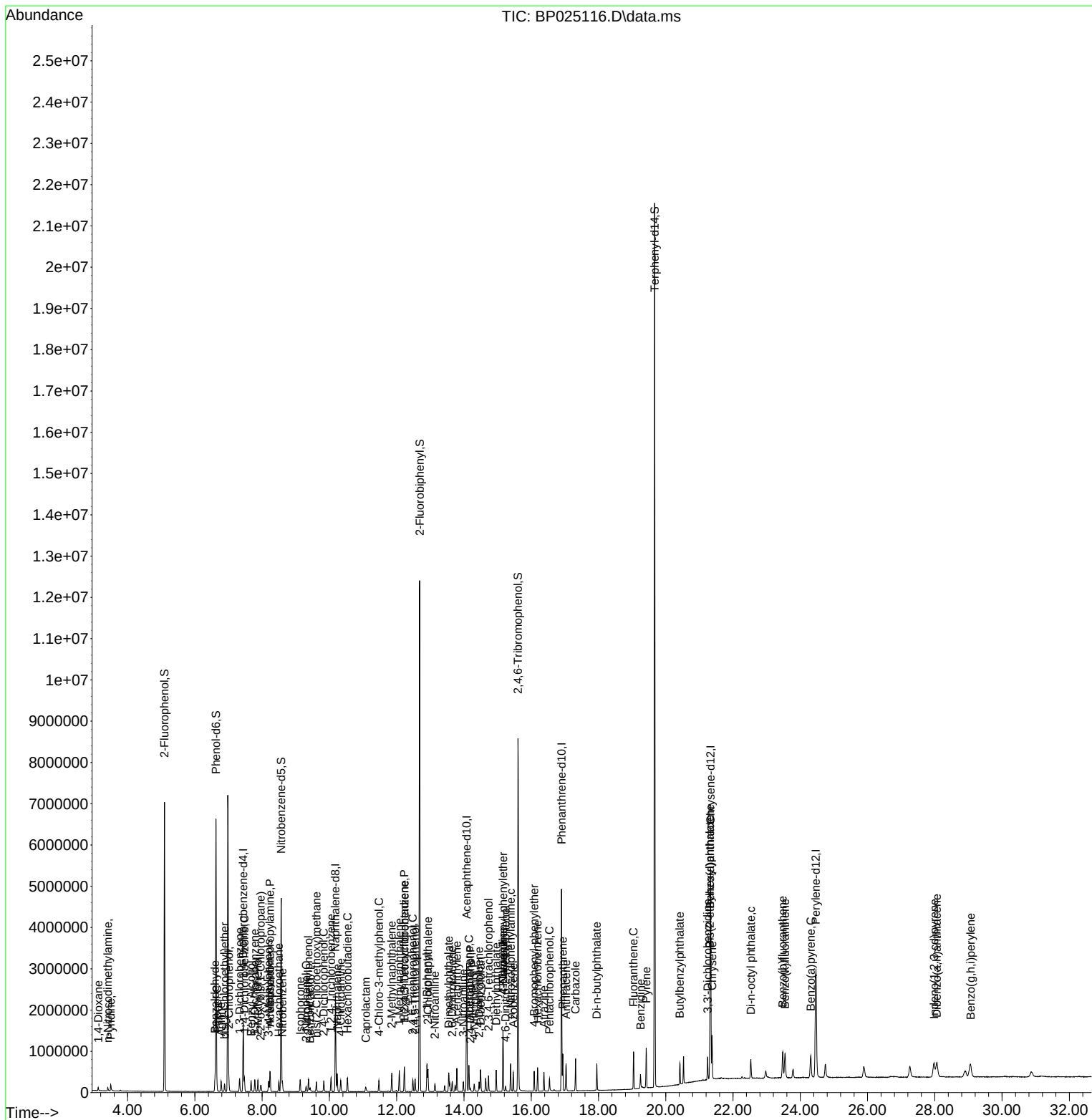
Instrument :
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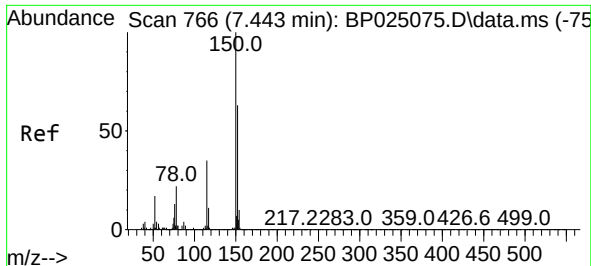
Quant Time: Jul 14 12:34:19 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 03 16:05:44 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.549	196	82588	3.573	ng	99
46) 1,1'-Biphenyl	12.901	154	339531	3.982	ng	99
47) 2-Chloronaphthalene	12.931	162	259388	4.047	ng	98
48) 2-Nitroaniline	13.137	65	48503	5.676	ng	98
49) Acenaphthylene	13.790	152	407792	4.157	ng	98
50) Dimethylphthalate	13.548	163	320844	3.911	ng	99
51) 2,6-Dinitrotoluene	13.654	165	54554	3.410	ng	99
52) Acenaphthene	14.148	154	241388	3.818	ng	98
53) 3-Nitroaniline	13.984	138	60749	3.543	ng #	97
54) 2,4-Dinitrophenol	14.190	184	17918	7.522	ng #	91
55) Dibenzofuran	14.495	168	401578	3.849	ng	99
56) 4-Nitrophenol	14.307	139	47065	2.974	ng	93
57) 2,4-Dinitrotoluene	14.448	165	68699	5.402	ng	99
58) Fluorene	15.160	166	315737	3.912	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.731	232	75733	3.618	ng	98
60) Diethylphthalate	14.960	149	307017	3.726	ng	99
61) 4-Chlorophenyl-phenyle...	15.166	204	160876	4.028	ng	99
62) 4-Nitroaniline	15.166	138	60924	3.388	ng	95
63) Azobenzene	15.466	77	250641	3.416	ng	99
65) 4,6-Dinitro-2-methylph...	15.237	198	28692	7.912	ng	95
66) n-Nitrosodiphenylamine	15.390	169	267791	3.918	ng	98
67) 4-Bromophenyl-phenylether	16.089	248	97966	4.007	ng	98
68) Hexachlorobenzene	16.189	284	120999	4.049	ng	96
69) Atrazine	16.378	200	89267	4.457	ng	99
70) Pentachlorophenol	16.542	266	58774	2.912	ng	99
71) Phenanthrene	16.936	178	522700	4.096	ng	98
72) Anthracene	17.037	178	480204	3.923	ng	99
73) Carbazole	17.319	167	455496	3.805	ng	99
74) Di-n-butylphthalate	17.948	149	477803	3.585	ng	98
75) Fluoranthene	19.042	202	557410	3.737	ng	99
77) Benzidine	19.248	184	210717	4.605	ng	99
78) Pyrene	19.419	202	605556	3.773	ng	99
80) Butylbenzylphthalate	20.419	149	188707	6.500	ng	99
81) Benzo(a)anthracene	21.319	228	626062	3.987	ng	99
82) 3,3'-Dichlorobenzidine	21.248	252	178066	3.767	ng	98
83) Chrysene	21.377	228	595285	3.939	ng	100
84) Bis(2-ethylhexyl)phtha...	21.313	149	299748	3.559	ng	98
85) Di-n-octyl phthalate	22.530	149	424243	8.497	ng	99
87) Indeno(1,2,3-cd)pyrene	27.983	276	592033	3.280	ng	93
88) Benzo(b)fluoranthene	23.477	252	603203	3.658	ng	99
89) Benzo(k)fluoranthene	23.548	252	593082	3.614	ng	100
90) Benzo(a)pyrene	24.313	252	546892	3.896	ng	98
91) Dibenzo(a,h)anthracene	28.059	278	570091	3.821	ng	98
92) Benzo(g,h,i)perylene	29.065	276	584767	3.794	ng	98

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

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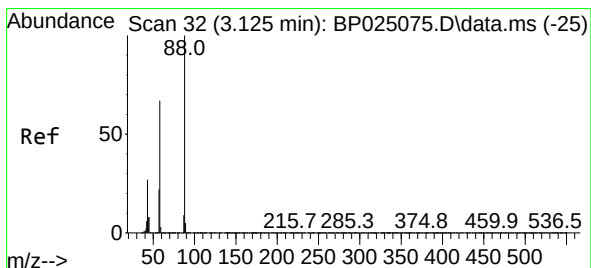
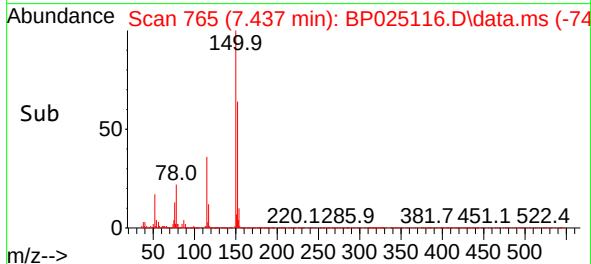
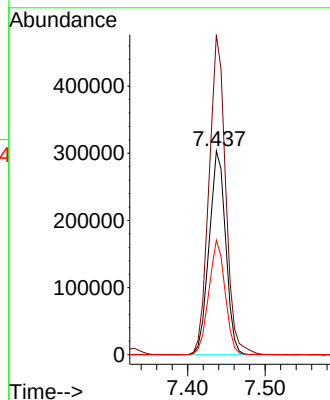
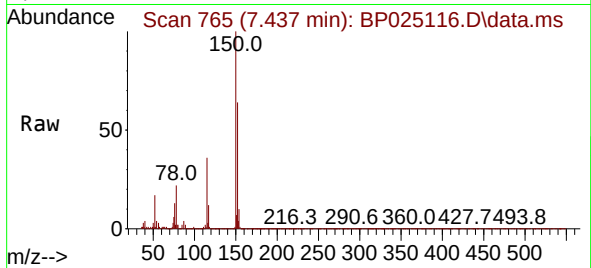




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.437 min Scan# 7
 Delta R.T. -0.006 min
 Lab File: BP025116.D
 Acq: 14 Jul 2025 12:07

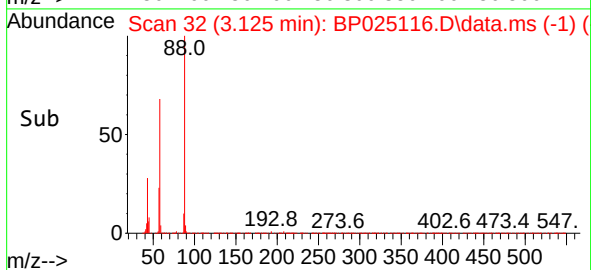
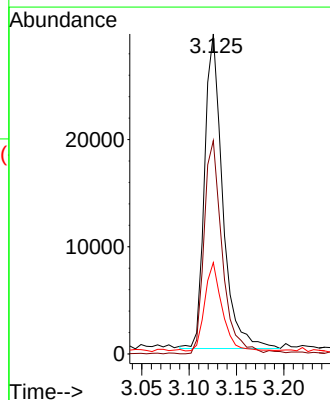
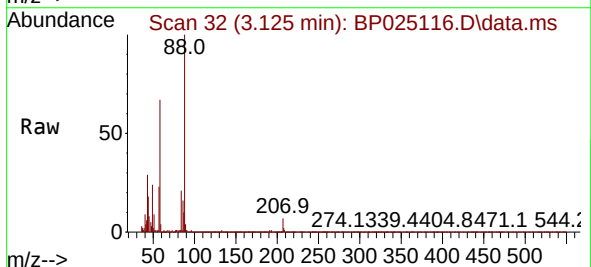
Instrument :
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 MDL-WATER-03-QT2-2025

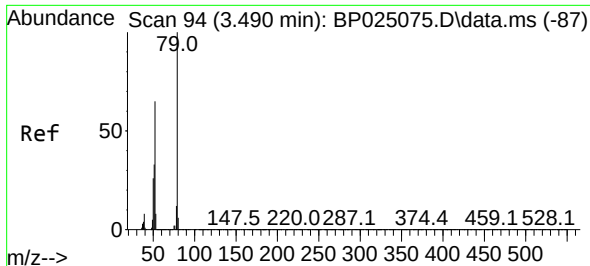
Tgt Ion:152 Resp: 449387
 Ion Ratio Lower Upper
 152 100
 150 157.0 126.1 189.1
 115 56.2 44.3 66.5



#2
 1,4-Dioxane
 Concen: 3.942 ng
 RT: 3.125 min Scan# 32
 Delta R.T. 0.000 min
 Lab File: BP025116.D
 Acq: 14 Jul 2025 12:07

Tgt Ion: 88 Resp: 38880
 Ion Ratio Lower Upper
 88 100
 58 67.8 55.0 82.4
 43 27.3 21.9 32.9

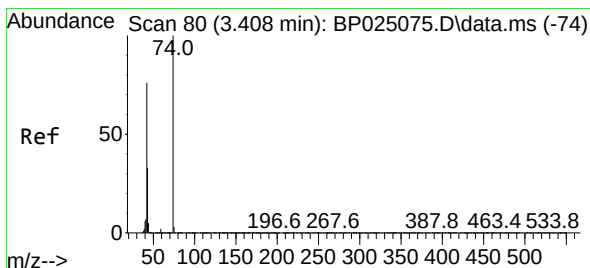
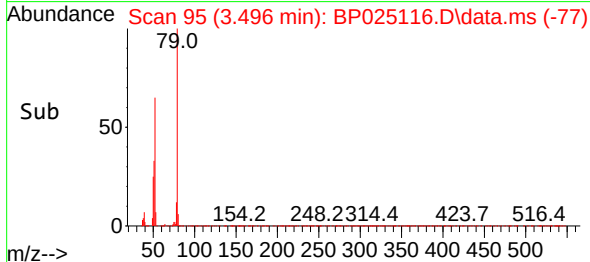
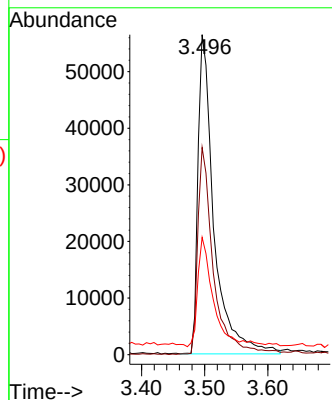
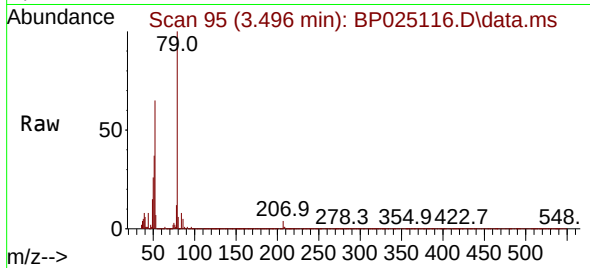




#3
 Pyridine
 Concen: 3.664 ng
 RT: 3.496 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: BP025116.D
 Acq: 14 Jul 2025 12:07

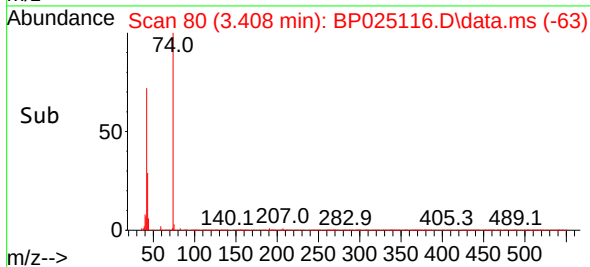
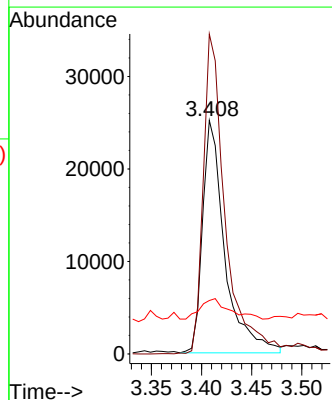
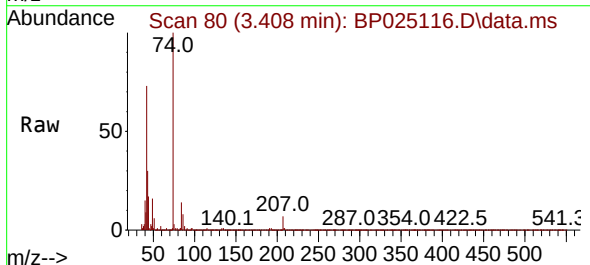
Instrument :
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 ClientSampleId :
 MDL-WATER-03-QT2-2025

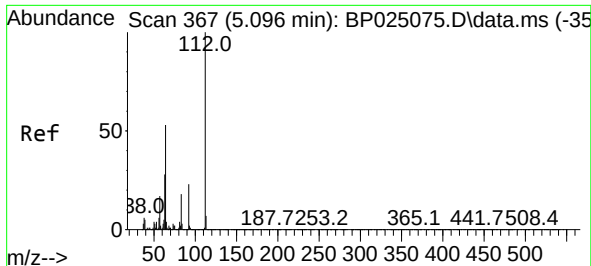
Tgt Ion: 79 Resp: 98935
 Ion Ratio Lower Upper
 79 100
 52 64.7 52.2 78.4
 51 36.6 26.8 40.2



#4
 n-Nitrosodimethylamine
 Concen: 3.397 ng
 RT: 3.408 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BP025116.D
 Acq: 14 Jul 2025 12:07

Tgt Ion: 42 Resp: 38841
 Ion Ratio Lower Upper
 42 100
 74 137.0 105.2 157.8
 44 22.9 6.6 9.8

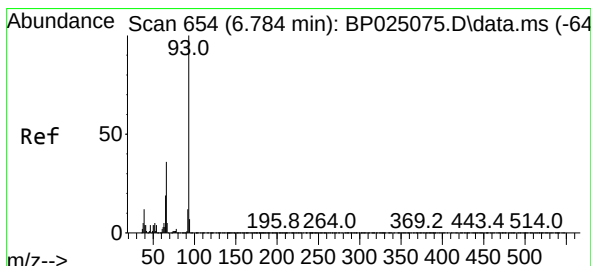
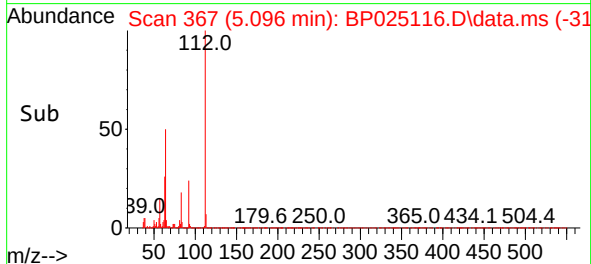
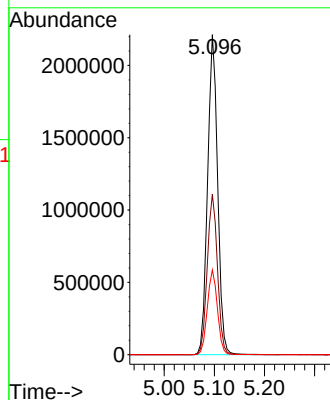
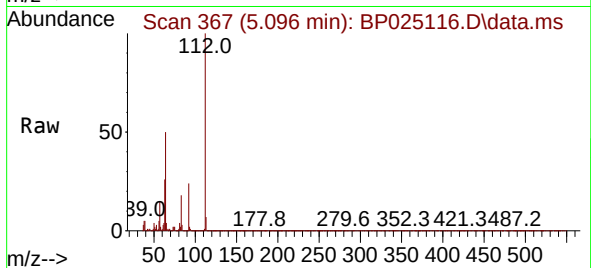




#5
2-Fluorophenol
Concen: 121.454 ng
RT: 5.096 min Scan# 30
Delta R.T. 0.000 min
Lab File: BP025116.D
Acq: 14 Jul 2025 12:07

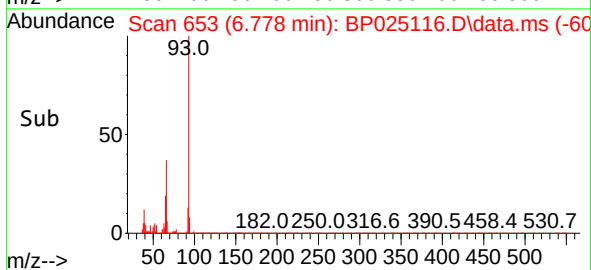
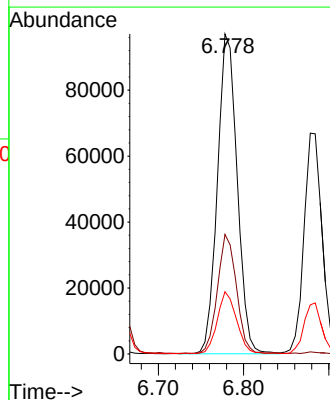
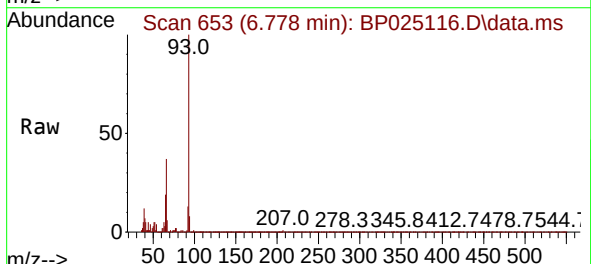
Instrument :
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ClientSampleId :
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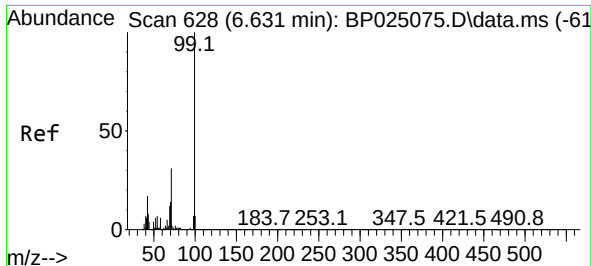
Tgt Ion:112 Resp: 3080383
Ion Ratio Lower Upper
112 100
64 50.2 42.0 63.0
63 26.5 22.2 33.2



#6
Aniline
Concen: 5.057 ng
RT: 6.778 min Scan# 653
Delta R.T. -0.006 min
Lab File: BP025116.D
Acq: 14 Jul 2025 12:07

Tgt Ion: 93 Resp: 156383
Ion Ratio Lower Upper
93 100
66 37.4 28.9 43.3
65 19.4 15.2 22.8

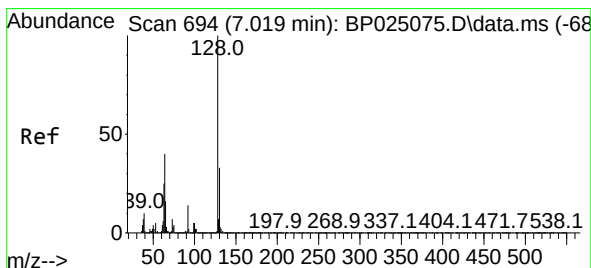
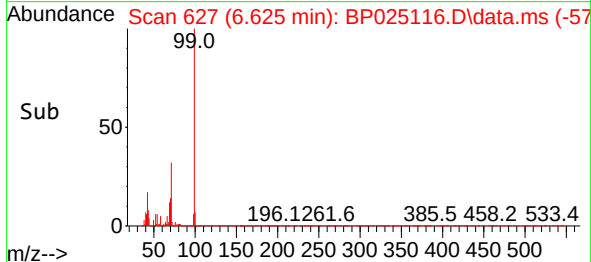
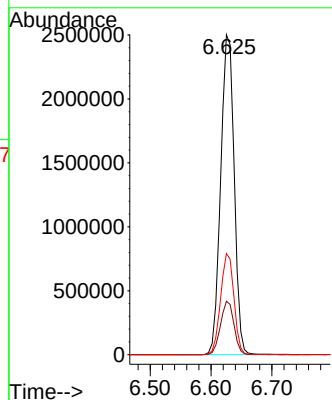
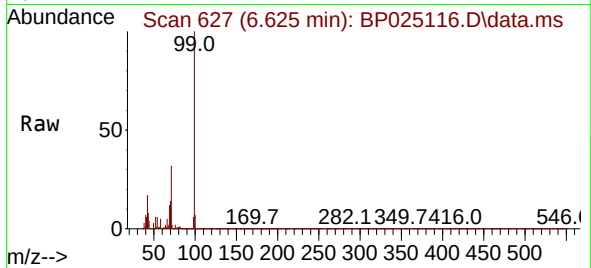




#7
Phenol-d6
Concen: 116.291 ng
RT: 6.625 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025116.D
Acq: 14 Jul 2025 12:07

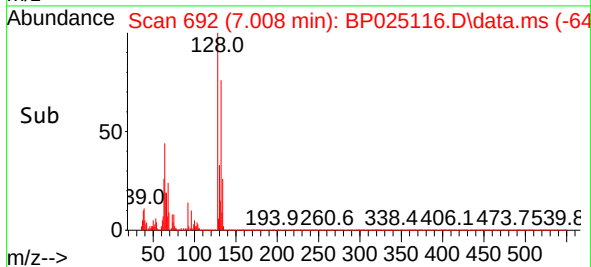
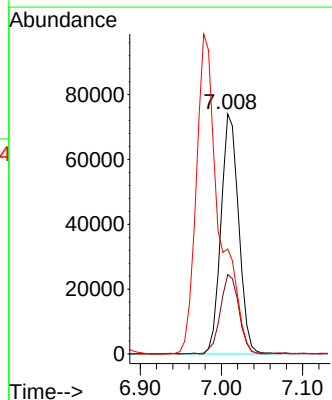
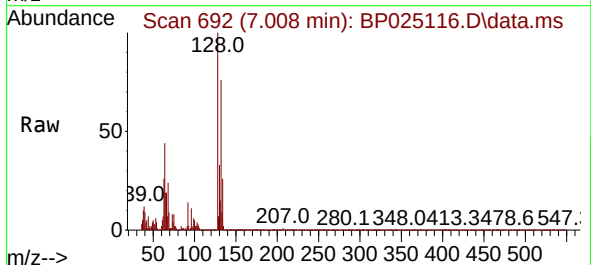
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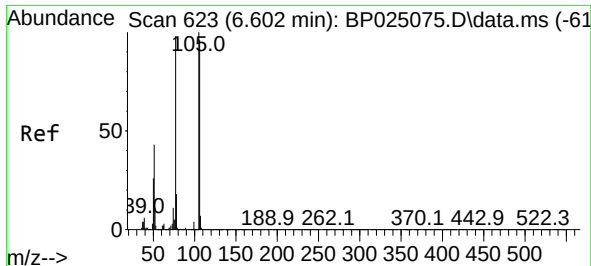
Tgt Ion: 99 Resp: 3848958
Ion Ratio Lower Upper
99 100
42 16.7 13.6 20.4
71 31.6 24.4 36.6



#8
2-Chlorophenol
Concen: 3.960 ng
RT: 7.008 min Scan# 692
Delta R.T. -0.012 min
Lab File: BP025116.D
Acq: 14 Jul 2025 12:07

Tgt Ion:128 Resp: 112383
Ion Ratio Lower Upper
128 100
130 33.1 12.9 52.9
64 43.7 20.3 60.3

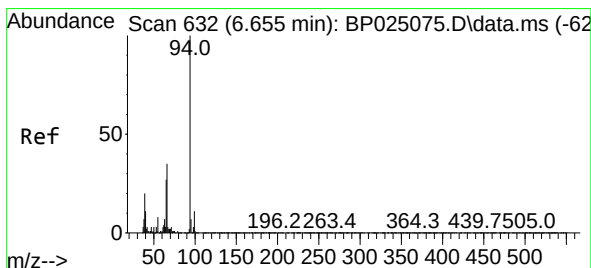
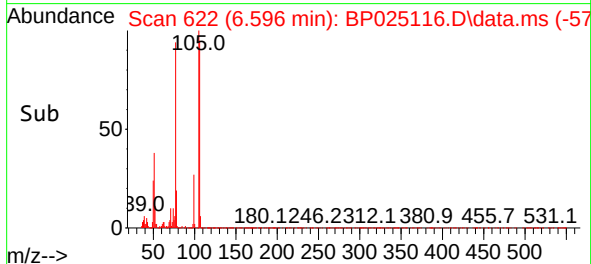
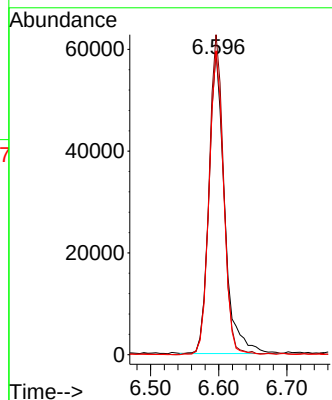
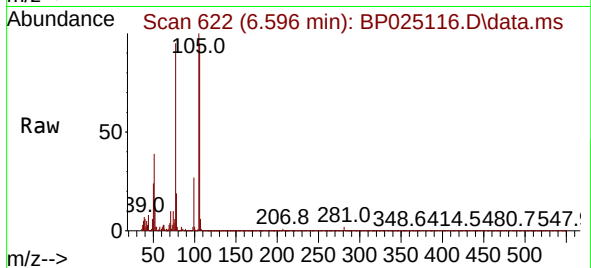




#9
Benzaldehyde
Concen: 5.468 ng
RT: 6.596 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025116.D
Acq: 14 Jul 2025 12:07

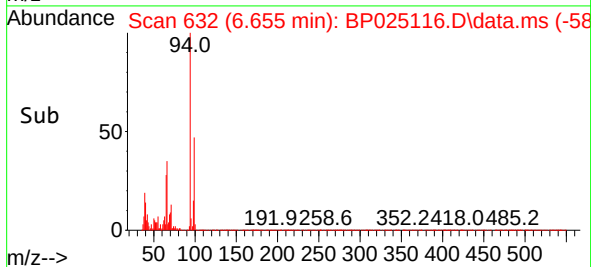
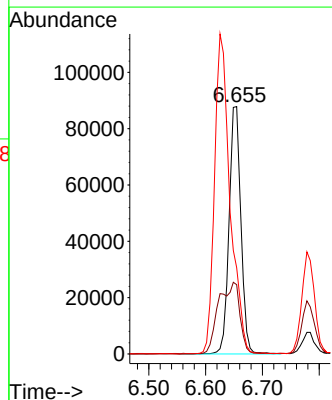
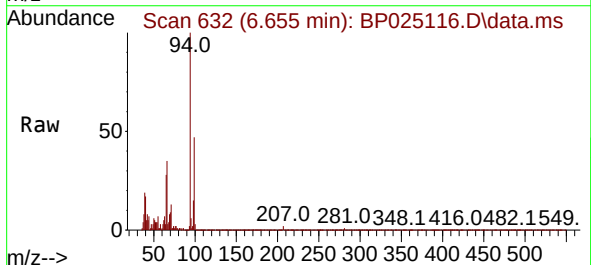
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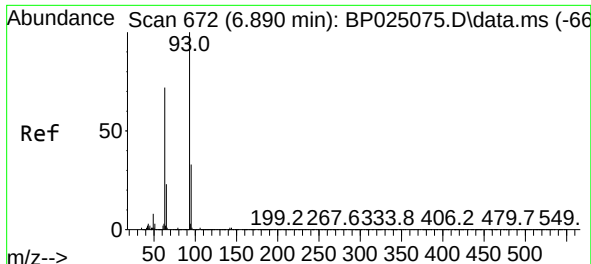
Tgt Ion: 77 Resp: 94511
Ion Ratio Lower Upper
77 100
105 105.7 82.4 122.4
106 100.4 78.3 118.3



#10
Phenol
Concen: 3.799 ng
RT: 6.655 min Scan# 632
Delta R.T. 0.000 min
Lab File: BP025116.D
Acq: 14 Jul 2025 12:07

Tgt Ion: 94 Resp: 127771
Ion Ratio Lower Upper
94 100
65 28.0 6.9 46.9
66 34.9 14.6 54.6

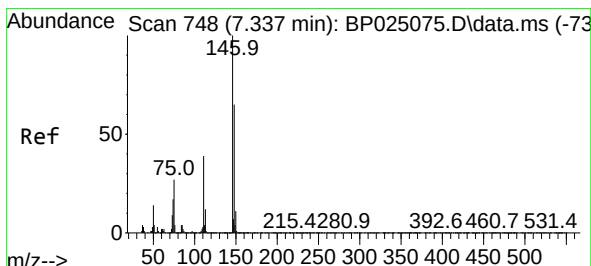
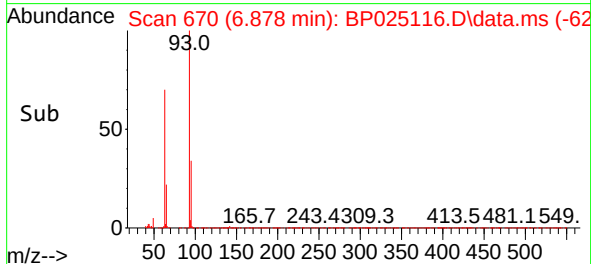
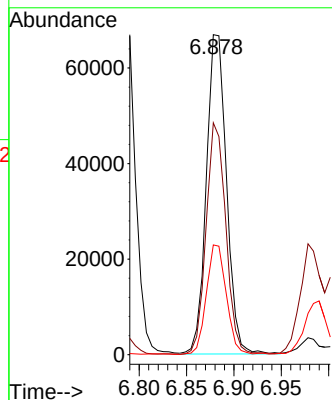
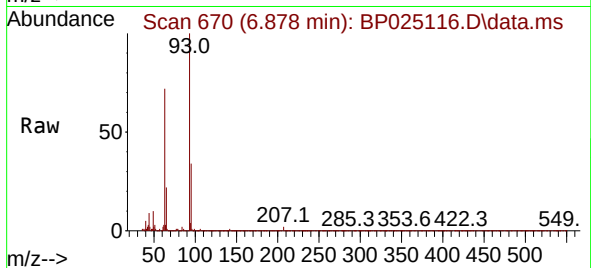




#11
bis(2-Chloroethyl)ether
Concen: 3.829 ng
RT: 6.878 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP025116.D
Acq: 14 Jul 2025 12:07

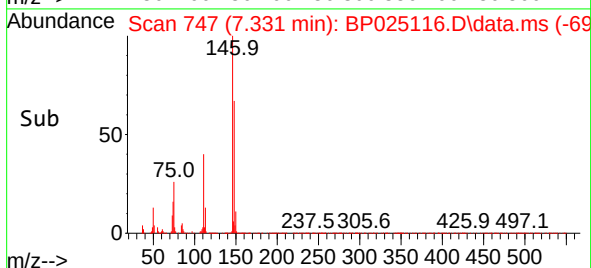
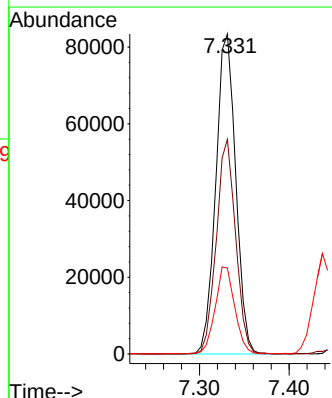
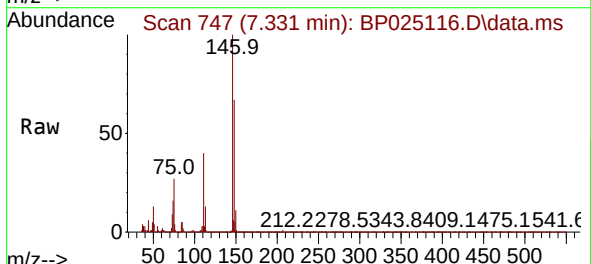
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2025

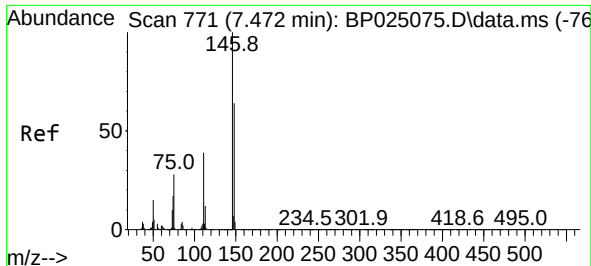
Tgt Ion: 93	Resp:	99090
Ion	Ratio	Lower Upper
93	100	
63	72.5	51.9 91.9
95	34.3	12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 4.043 ng
RT: 7.331 min Scan# 747
Delta R.T. -0.006 min
Lab File: BP025116.D
Acq: 14 Jul 2025 12:07

Tgt Ion: 146	Resp:	128414
Ion	Ratio	Lower Upper
146	100	
148	67.0	51.9 77.9
75	26.8	21.8 32.6

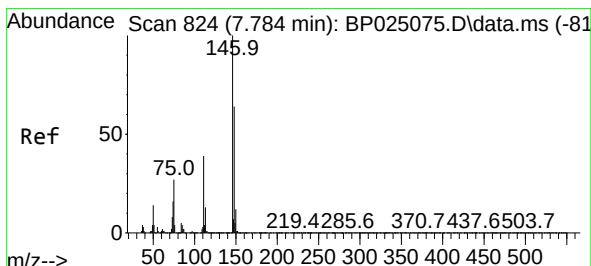
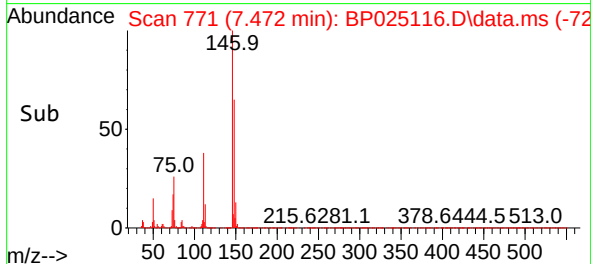
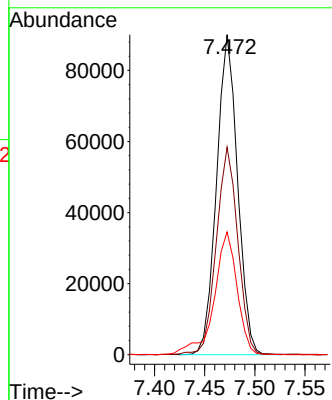
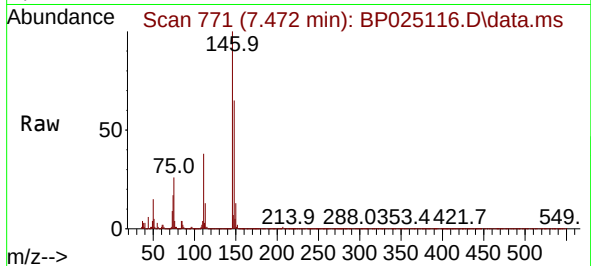




#13
1,4-Dichlorobenzene
Concen: 4.078 ng
RT: 7.472 min Scan# 771
Delta R.T. 0.000 min
Lab File: BP025116.D
Acq: 14 Jul 2025 12:07

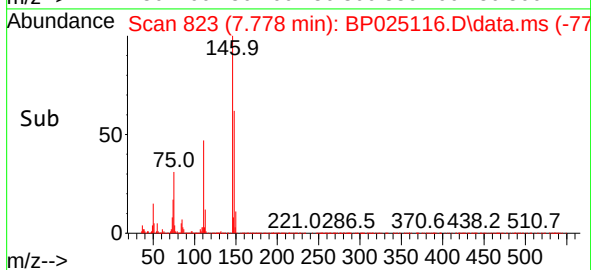
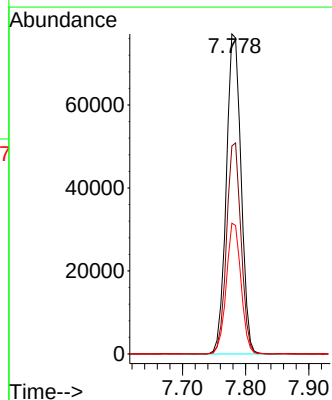
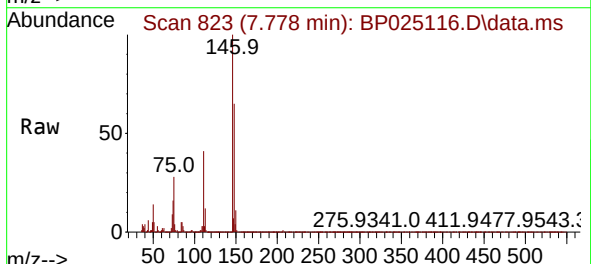
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2025

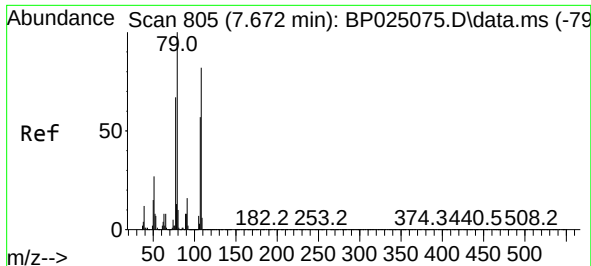
Tgt Ion:146 Resp: 131128
Ion Ratio Lower Upper
146 100
148 64.8 51.1 76.7
111 38.4 31.2 46.8



#14
1,2-Dichlorobenzene
Concen: 4.052 ng
RT: 7.778 min Scan# 823
Delta R.T. -0.006 min
Lab File: BP025116.D
Acq: 14 Jul 2025 12:07

Tgt Ion:146 Resp: 125325
Ion Ratio Lower Upper
146 100
148 65.0 51.1 76.7
111 40.9 31.2 46.8

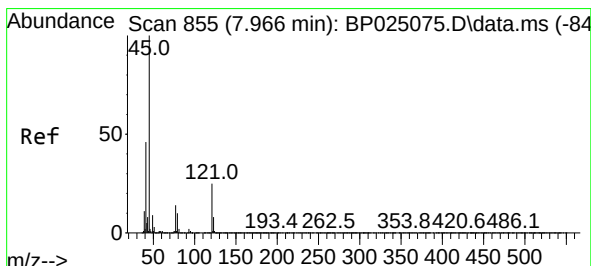
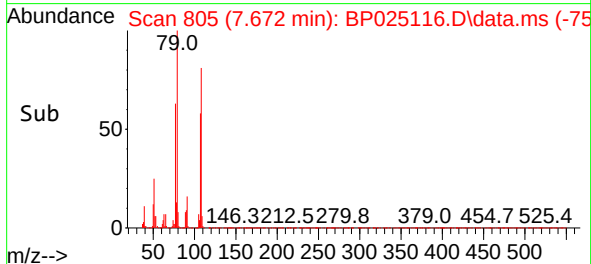
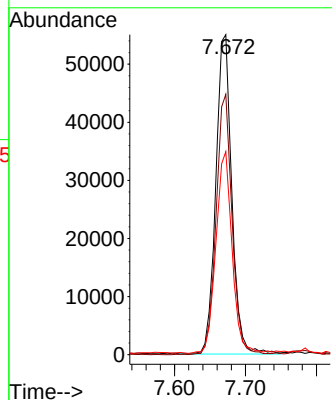
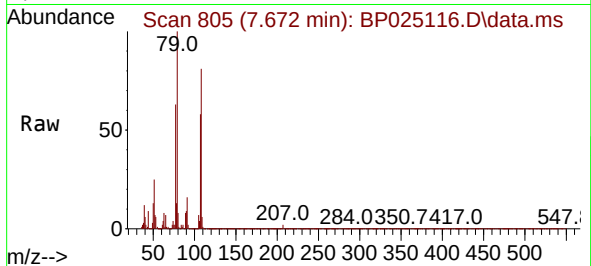




#15
Benzyl Alcohol
Concen: 3.876 ng
RT: 7.672 min Scan# 805
Delta R.T. 0.000 min
Lab File: BP025116.D
Acq: 14 Jul 2025 12:07

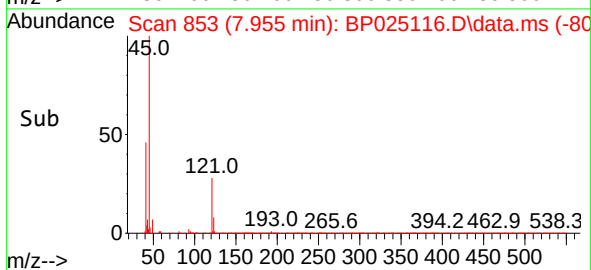
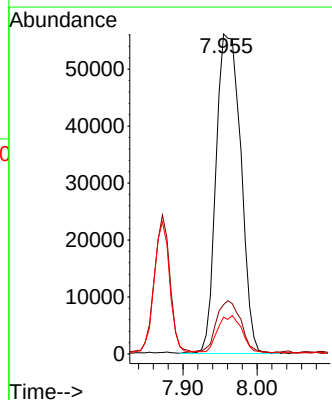
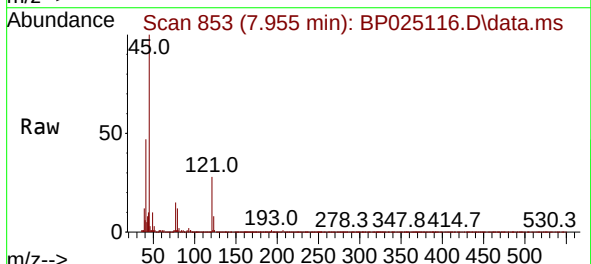
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2025

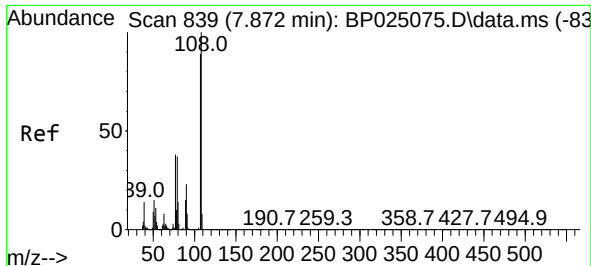
Tgt Ion: 79	Resp: 85616
Ion Ratio	Lower Upper
79 100	
108 81.4	66.0 99.0
77 63.5	53.4 80.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.859 ng
RT: 7.955 min Scan# 853
Delta R.T. -0.012 min
Lab File: BP025116.D
Acq: 14 Jul 2025 12:07

Tgt Ion: 45	Resp: 129874
Ion Ratio	Lower Upper
45 100	
77 15.4	0.0 34.8
79 11.5	0.0 30.7

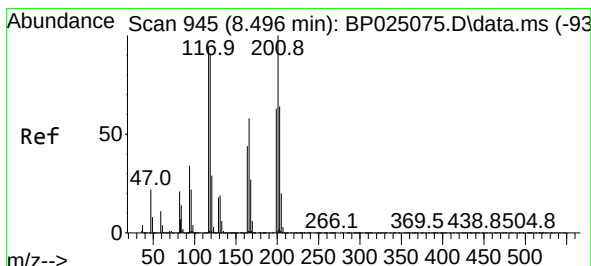
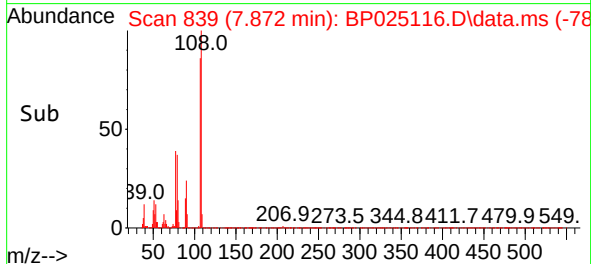
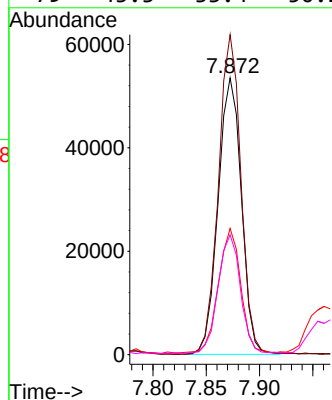
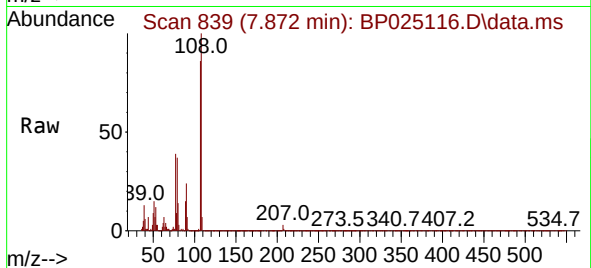




#17
2-Methylphenol
Concen: 3.748 ng
RT: 7.872 min Scan# 811
Delta R.T. 0.000 min
Lab File: BP025116.D
Acq: 14 Jul 2025 12:07

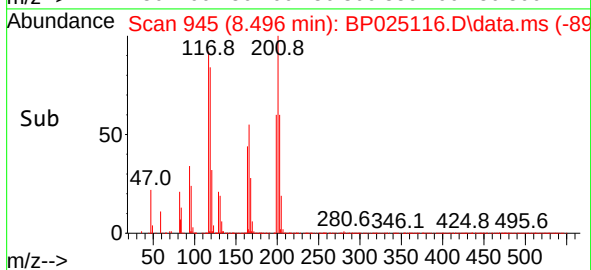
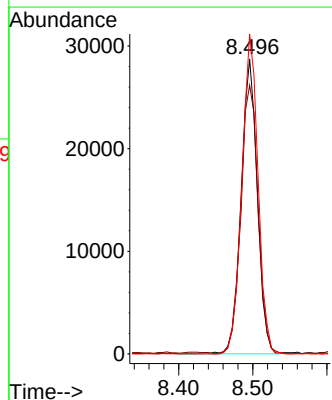
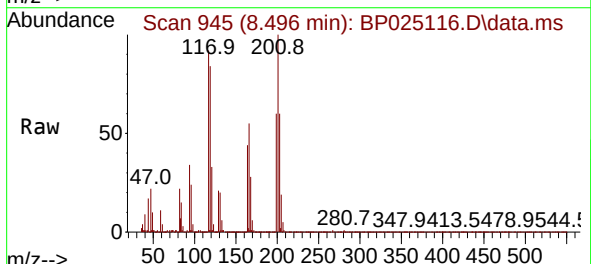
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2025

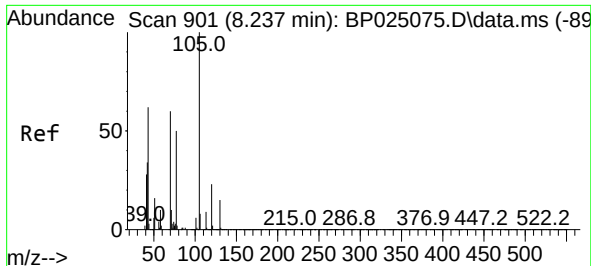
Tgt Ion:	107	Resp:	81195
Ion	Ratio	Lower	Upper
107	100		
108	115.6	89.7	134.5
77	45.6	34.2	51.4
79	43.3	33.4	50.2



#18
Hexachloroethane
Concen: 4.158 ng
RT: 8.496 min Scan# 945
Delta R.T. 0.000 min
Lab File: BP025116.D
Acq: 14 Jul 2025 12:07

Tgt Ion:	117	Resp:	43557
Ion	Ratio	Lower	Upper
117	100		
119	91.0	76.6	115.0
201	108.5	85.4	128.2

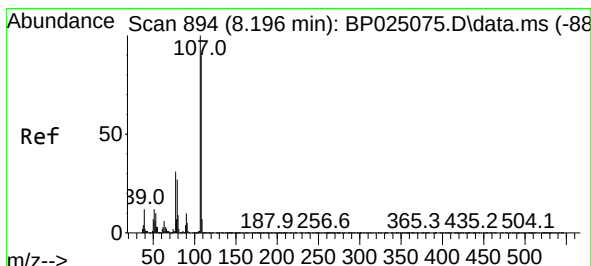
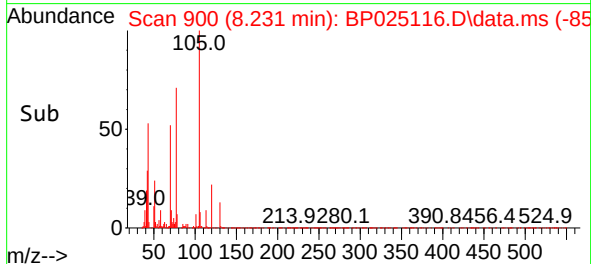
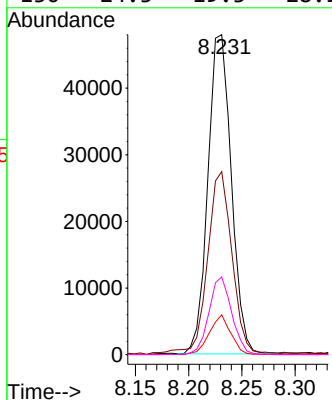
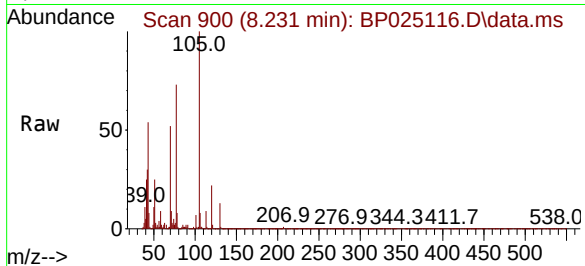




#19
n-Nitroso-di-n-propylamine
Concen: 3.738 ng
RT: 8.231 min Scan# 901
Delta R.T. -0.006 min
Lab File: BP025116.D
Acq: 14 Jul 2025 12:07

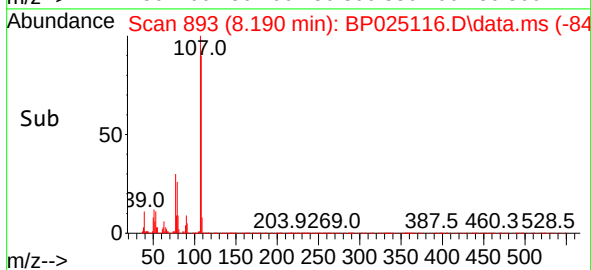
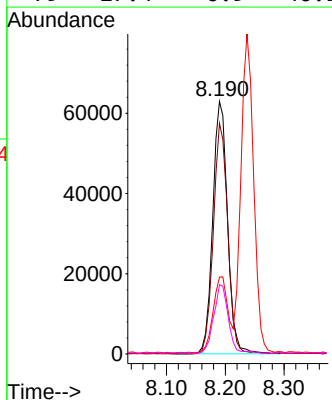
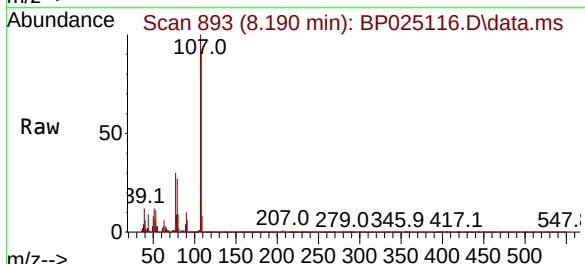
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2025

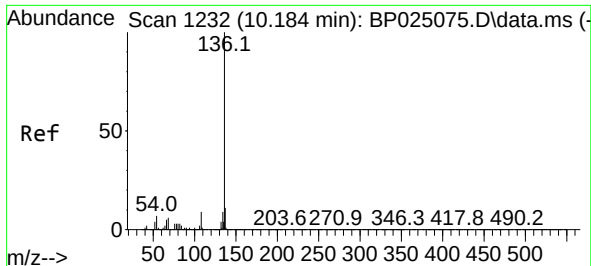
Tgt Ion:	70	Resp:	73377
Ion	Ratio	Lower	Upper
70	100		
42	57.2	46.5	69.7
101	12.5	7.9	11.9
130	24.3	19.3	28.9



#20
3+4-Methylphenols
Concen: 3.625 ng
RT: 8.190 min Scan# 893
Delta R.T. -0.006 min
Lab File: BP025116.D
Acq: 14 Jul 2025 12:07

Tgt Ion:	107	Resp:	109987
Ion	Ratio	Lower	Upper
107	100		
108	91.3	69.5	109.5
77	30.4	11.4	51.4
79	27.4	6.9	46.9



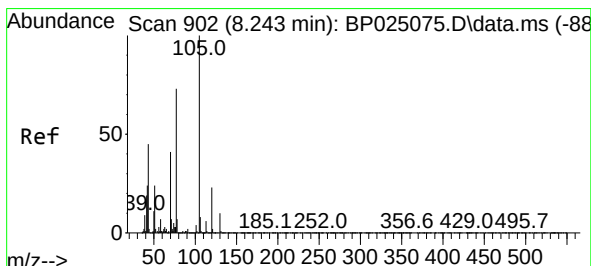
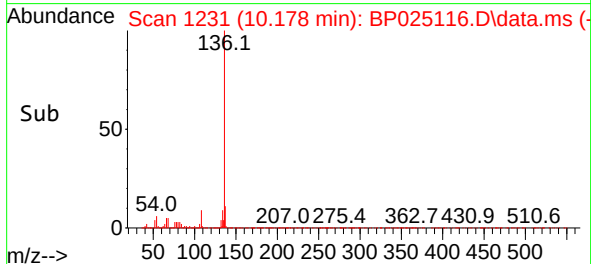
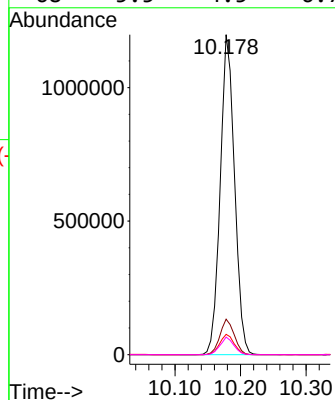
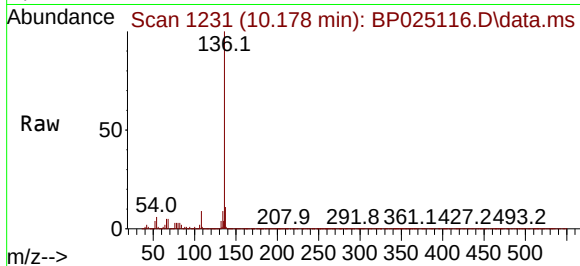


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.178 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025116.D
Acq: 14 Jul 2025 12:07

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2025

Tgt Ion:136 Resp: 1806866

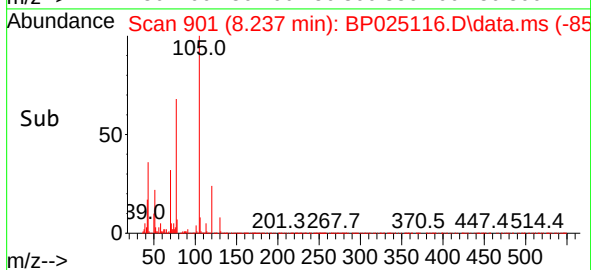
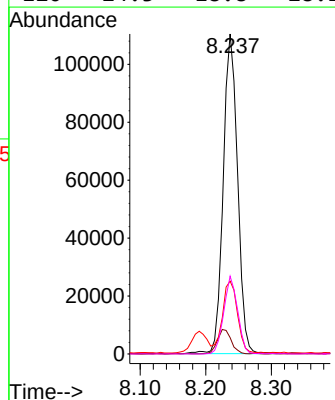
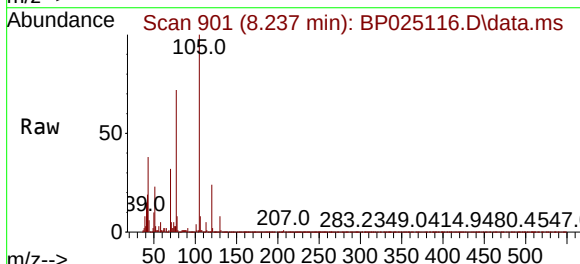
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	6.4	5.4	8.2
68	5.5	4.5	6.7

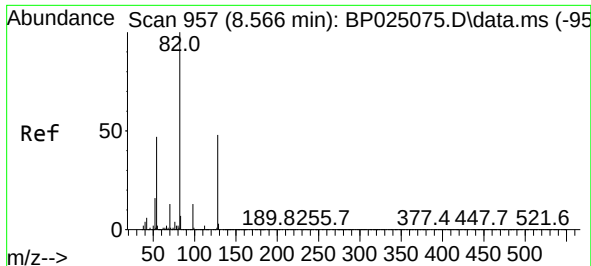


#22
Acetophenone
Concen: 3.906 ng
RT: 8.237 min Scan# 901
Delta R.T. -0.006 min
Lab File: BP025116.D
Acq: 14 Jul 2025 12:07

Tgt Ion:105 Resp: 166898

Ion	Ratio	Lower	Upper
105	100		
71	5.1	5.4	8.2#
51	22.7	19.6	29.4
120	24.3	18.8	28.2

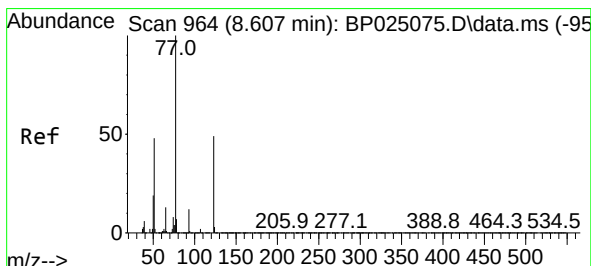
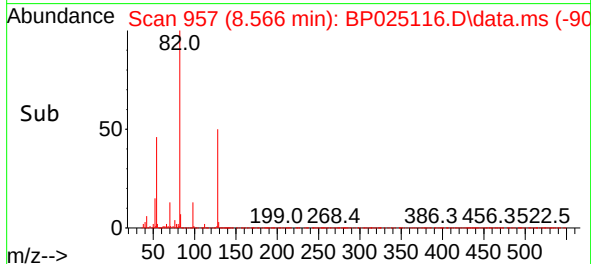
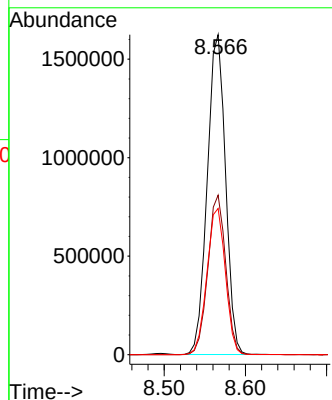
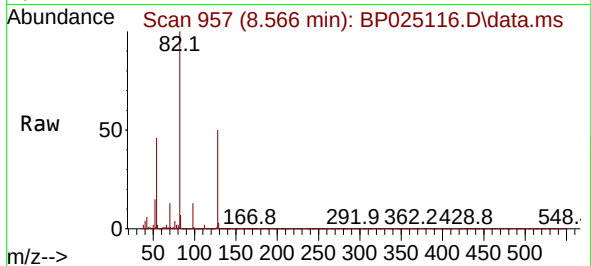




#23
Nitrobenzene-d5
Concen: 93.358 ng
RT: 8.566 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP025116.D
Acq: 14 Jul 2025 12:07

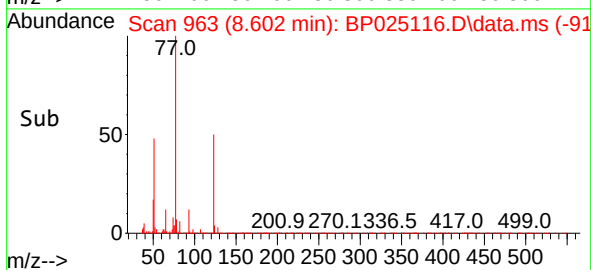
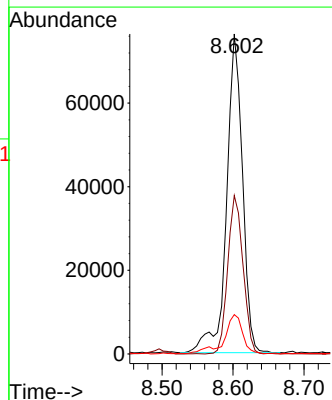
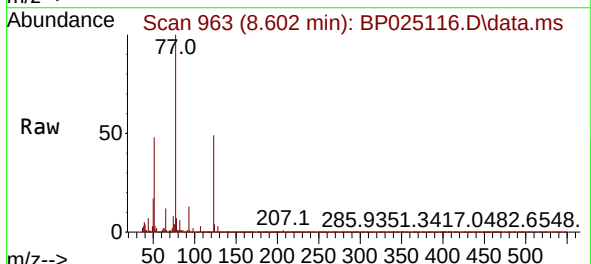
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2025

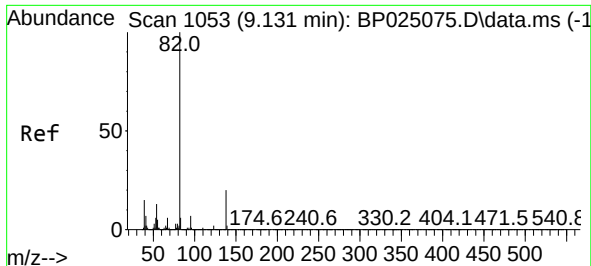
Tgt Ion: 82 Resp: 2536423
Ion Ratio Lower Upper
82 100
128 49.9 38.4 57.6
54 45.7 37.8 56.6



#24
Nitrobenzene
Concen: 4.288 ng
RT: 8.602 min Scan# 963
Delta R.T. -0.006 min
Lab File: BP025116.D
Acq: 14 Jul 2025 12:07

Tgt Ion: 77 Resp: 118664
Ion Ratio Lower Upper
77 100
123 49.5 39.0 58.6
65 12.3 10.7 16.1

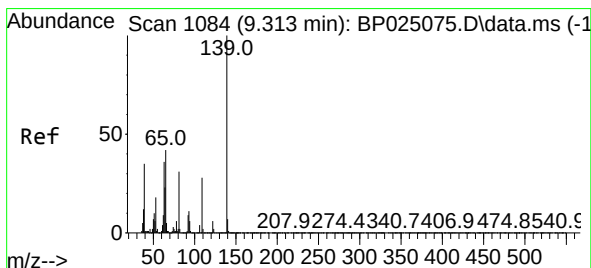
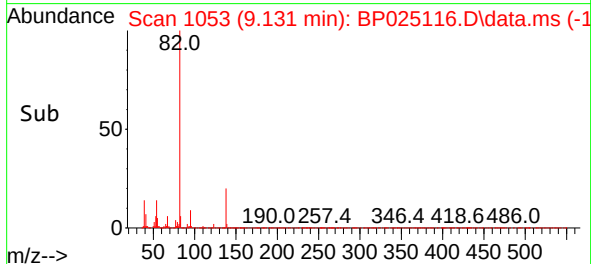
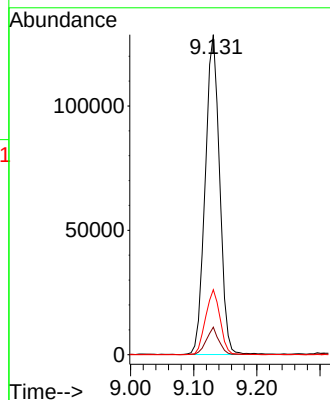
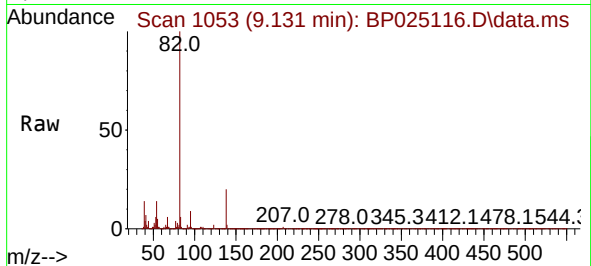




#25
Isophorone
Concen: 4.021 ng
RT: 9.131 min Scan# 1053
Delta R.T. 0.000 min
Lab File: BP025116.D
Acq: 14 Jul 2025 12:07

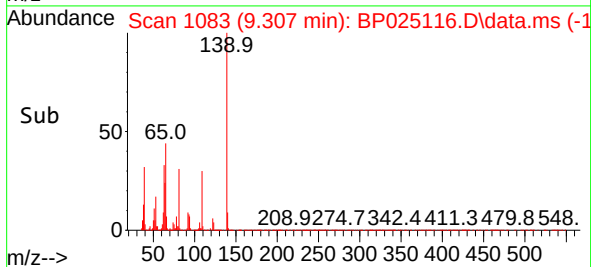
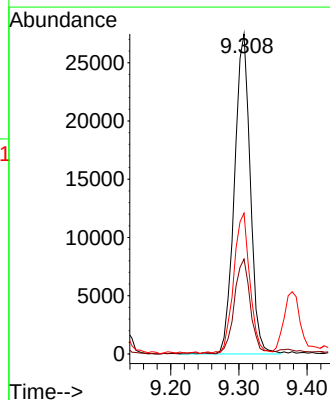
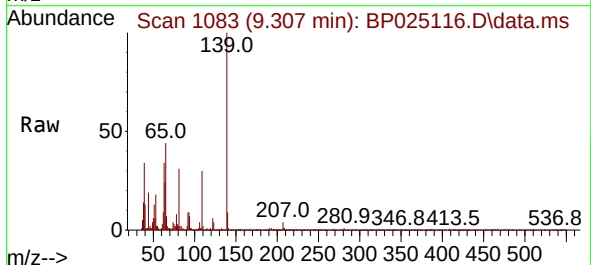
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2025

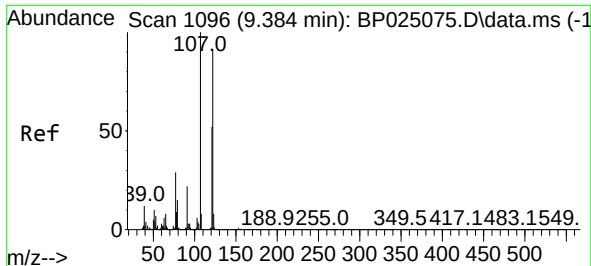
Tgt Ion: 82 Resp: 204180
Ion Ratio Lower Upper
82 100
95 8.6 5.8 8.6
138 20.3 15.7 23.5



#26
2-Nitrophenol
Concen: 6.375 ng
RT: 9.307 min Scan# 1083
Delta R.T. -0.006 min
Lab File: BP025116.D
Acq: 14 Jul 2025 12:07

Tgt Ion: 139 Resp: 44316
Ion Ratio Lower Upper
139 100
109 29.7 22.3 33.5
65 44.0 33.8 50.8





#27

2,4-Dimethylphenol

Concen: 5.055 ng

RT: 9.378 min Scan# 1095

Delta R.T. -0.006 min

Lab File: BP025116.D

Acq: 14 Jul 2025 12:07

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2025

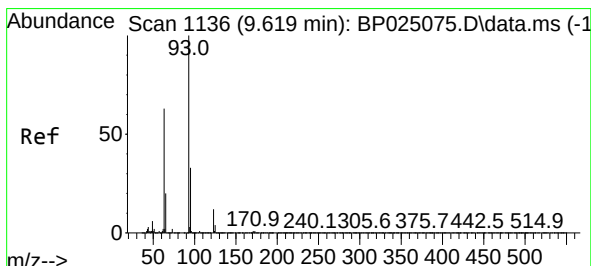
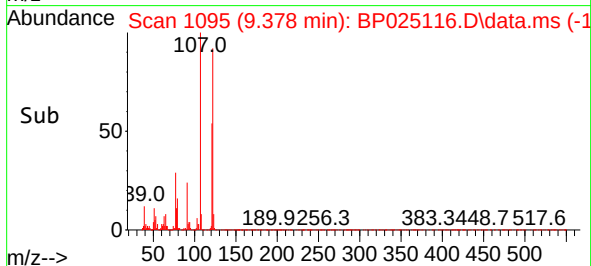
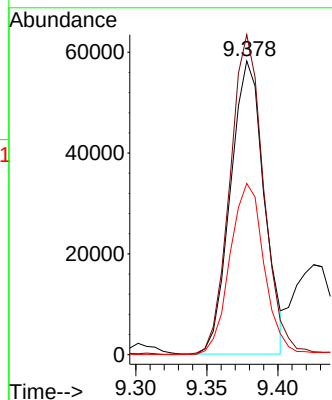
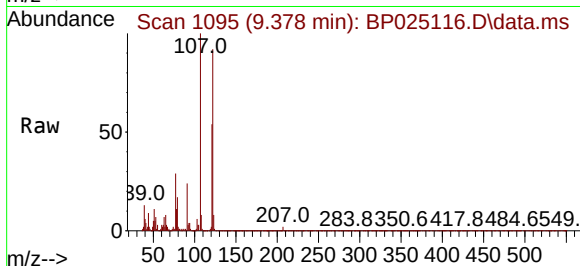
Tgt Ion:122 Resp: 95734

Ion Ratio Lower Upper

122 100

107 108.9 88.2 132.2

121 58.3 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 3.910 ng

RT: 9.613 min Scan# 1135

Delta R.T. -0.006 min

Lab File: BP025116.D

Acq: 14 Jul 2025 12:07

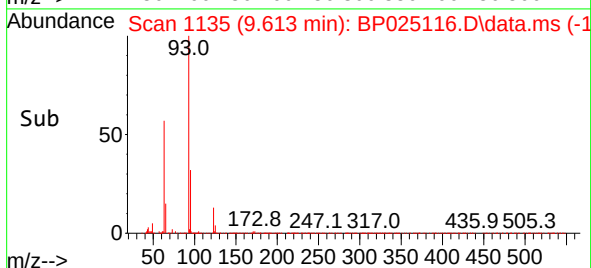
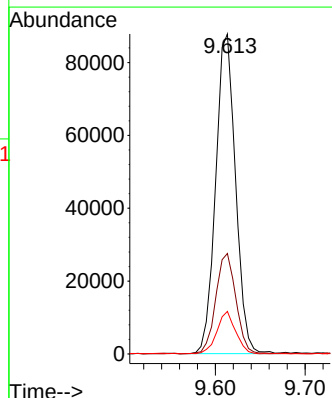
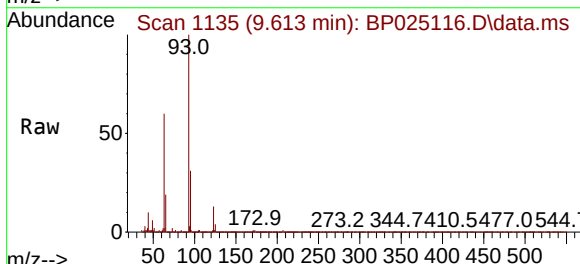
Tgt Ion: 93 Resp: 134804

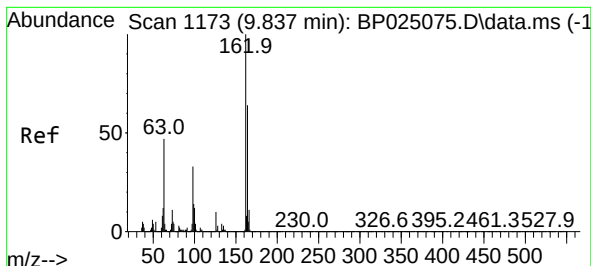
Ion Ratio Lower Upper

93 100

95 31.4 26.4 39.6

123 13.3 10.1 15.1





#29

2,4-Dichlorophenol

Concen: 3.509 ng

RT: 9.831 min Scan# 1173

Delta R.T. -0.006 min

Lab File: BP025116.D

Acq: 14 Jul 2025 12:07

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2025

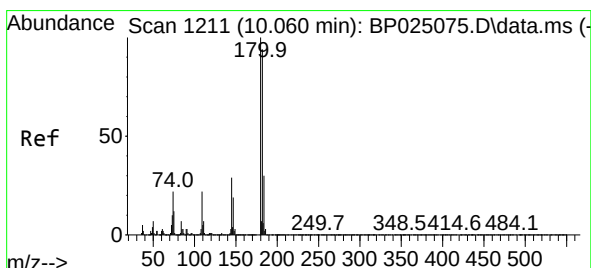
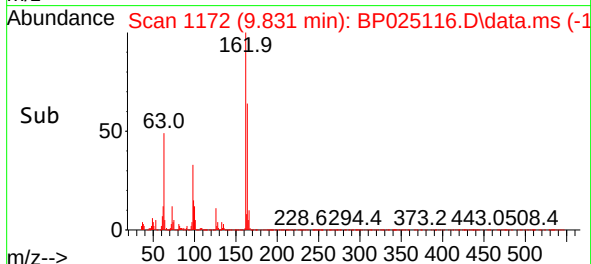
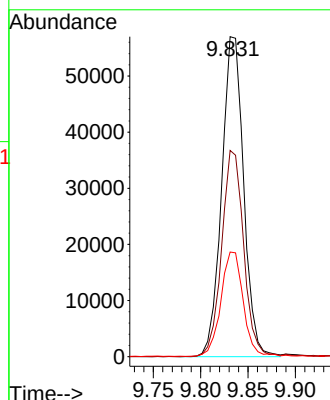
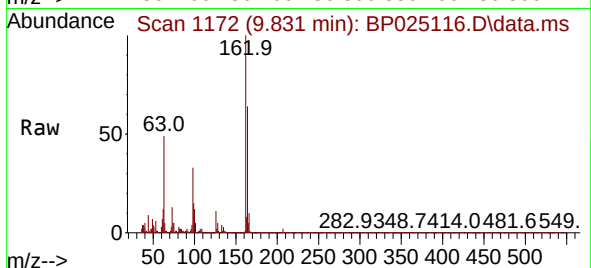
Tgt Ion:162 Resp: 92161

Ion Ratio Lower Upper

162 100

164 64.4 44.1 84.1

98 32.7 13.1 53.1



#30

1,2,4-Trichlorobenzene

Concen: 4.110 ng

RT: 10.049 min Scan# 1209

Delta R.T. -0.012 min

Lab File: BP025116.D

Acq: 14 Jul 2025 12:07

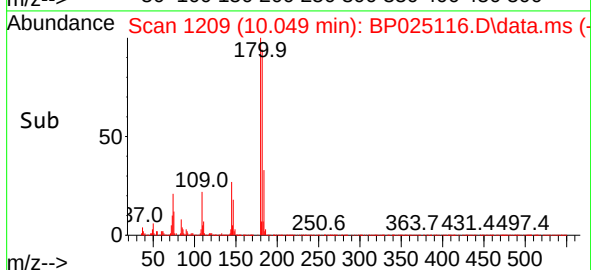
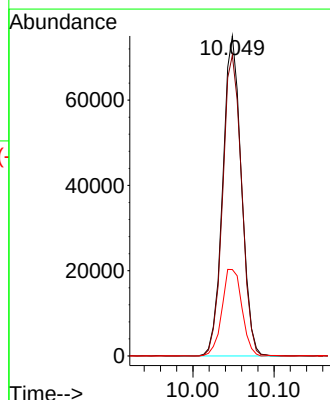
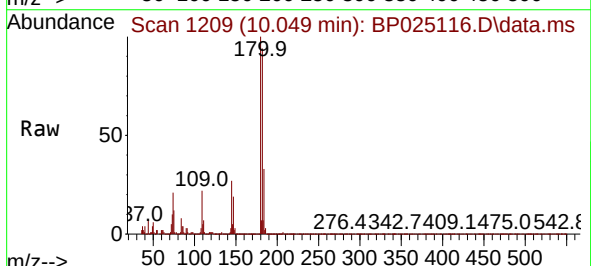
Tgt Ion:180 Resp: 119530

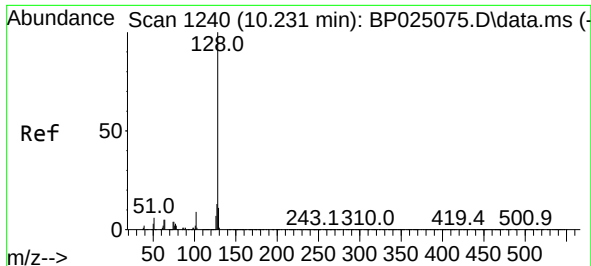
Ion Ratio Lower Upper

180 100

182 94.0 75.1 112.7

145 27.0 23.3 34.9

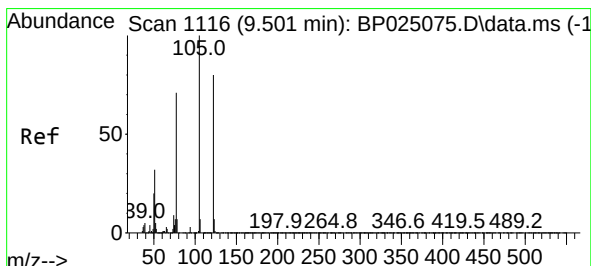
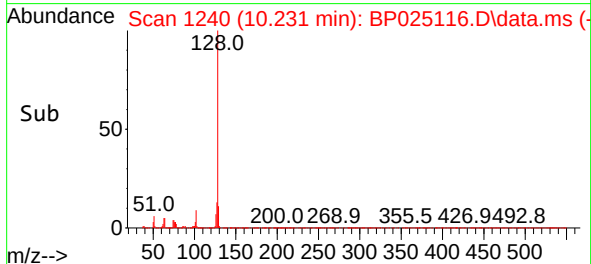
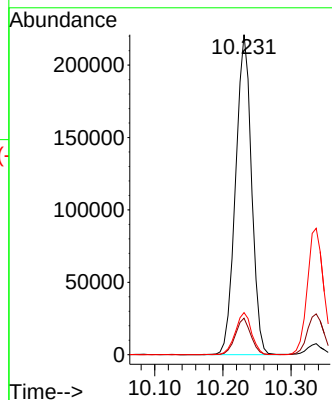
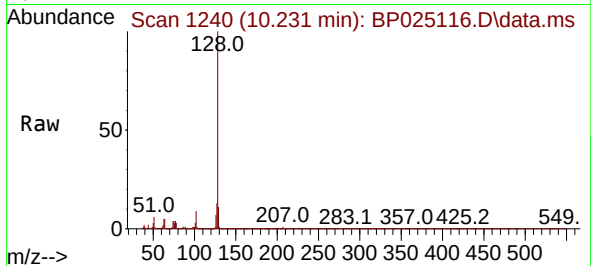




#31
Naphthalene
Concen: 3.863 ng
RT: 10.231 min Scan# 1103
Delta R.T. 0.000 min
Lab File: BP025116.D
Acq: 14 Jul 2025 12:07

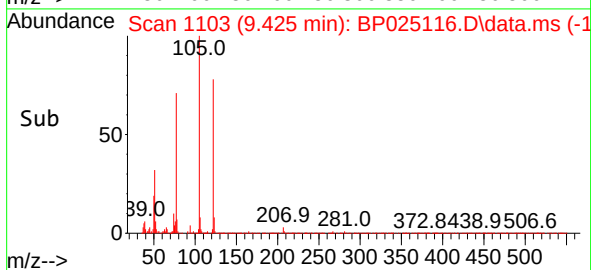
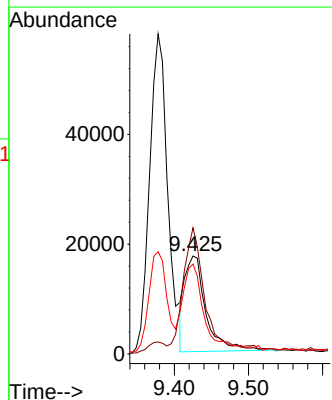
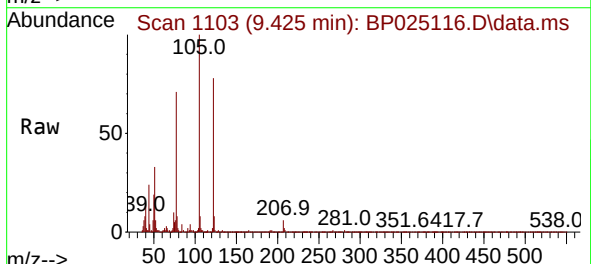
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2025

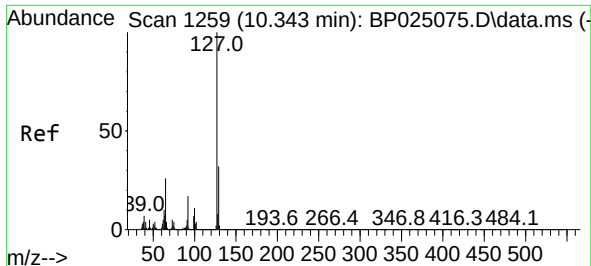
Tgt Ion:	128	Resp:	359371
Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.9	13.3
127	13.1	10.4	15.6



#32
Benzoic acid
Concen: 7.806 ng
RT: 9.425 min Scan# 1103
Delta R.T. -0.076 min
Lab File: BP025116.D
Acq: 14 Jul 2025 12:07

Tgt Ion:	122	Resp:	34831
Ion	Ratio	Lower	Upper
122	100		
105	128.7	101.0	141.0
77	91.8	67.6	107.6

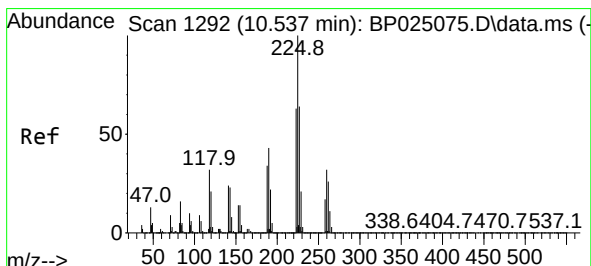
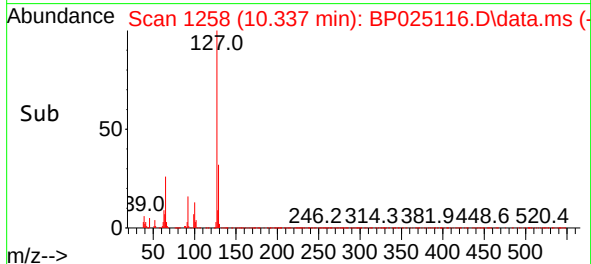
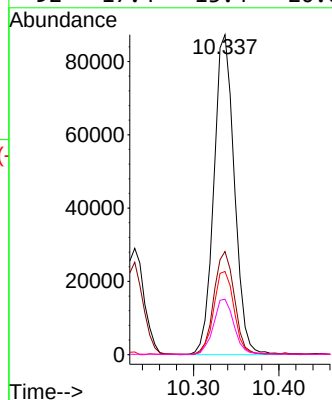
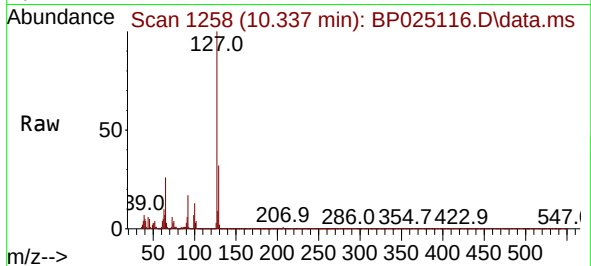




#33
4-Chloroaniline
Concen: 4.198 ng
RT: 10.337 min Scan# 1259
Delta R.T. -0.006 min
Lab File: BP025116.D
Acq: 14 Jul 2025 12:07

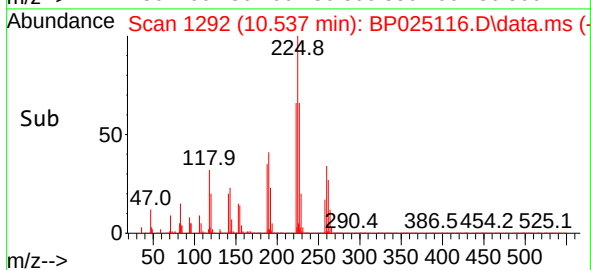
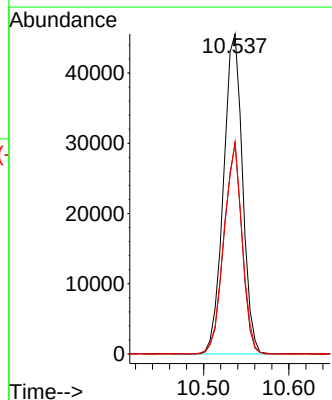
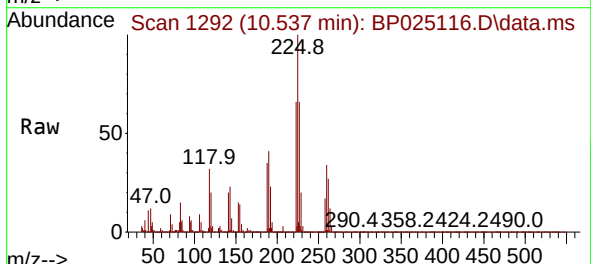
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT2-2025

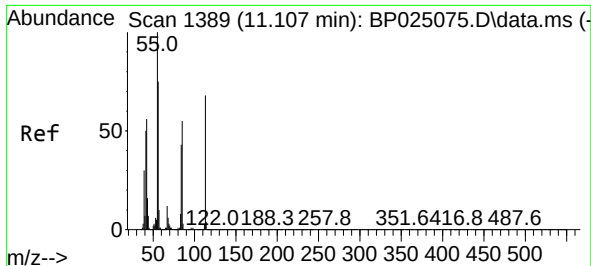
Tgt Ion:	127	Resp:	145745
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.4	38.2
65	26.0	21.0	31.6
92	17.4	13.4	20.0



#34
Hexachlorobutadiene
Concen: 4.244 ng
RT: 10.537 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BP025116.D
Acq: 14 Jul 2025 12:07

Tgt Ion:	225	Resp:	70824
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.3	75.5
227	63.2	51.3	76.9

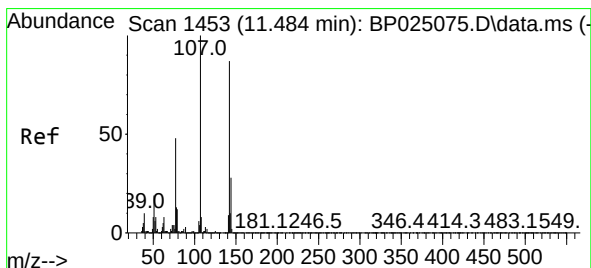
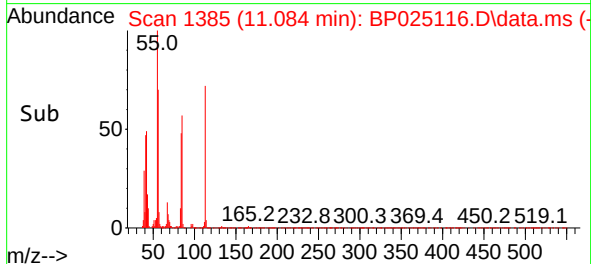
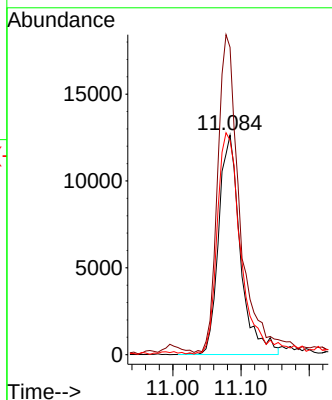
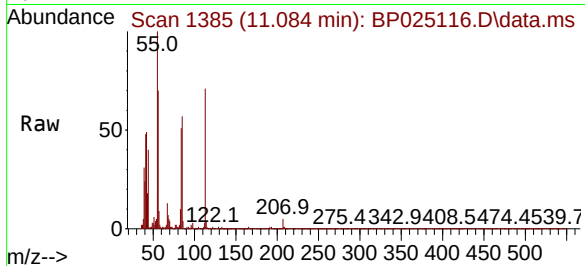




#35
Caprolactam
Concen: 3.111 ng
RT: 11.084 min Scan# 11
Delta R.T. -0.023 min
Lab File: BP025116.D
Acq: 14 Jul 2025 12:07

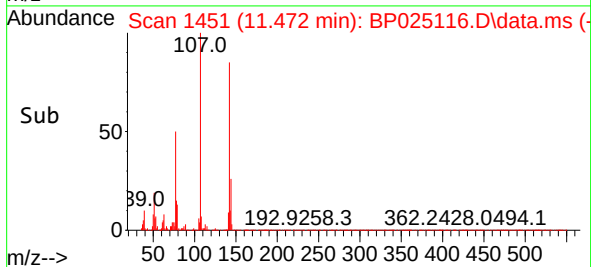
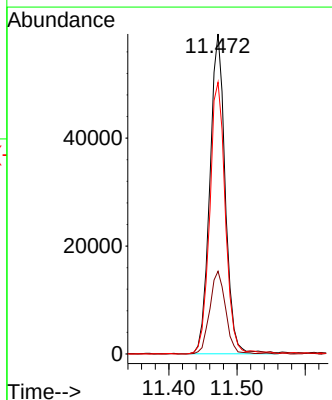
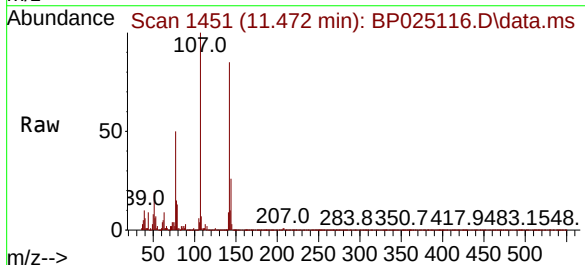
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2025

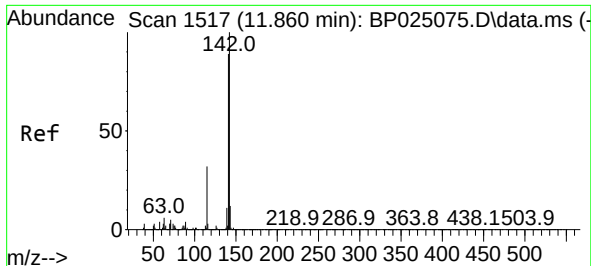
Tgt Ion	Ratio	Lower	Upper
113	100		
55	140.1	128.1	168.1
56	97.7	90.7	130.7



#36
4-Chloro-3-methylphenol
Concen: 3.406 ng
RT: 11.472 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BP025116.D
Acq: 14 Jul 2025 12:07

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.9	22.4	33.6
142	84.9	69.6	104.4

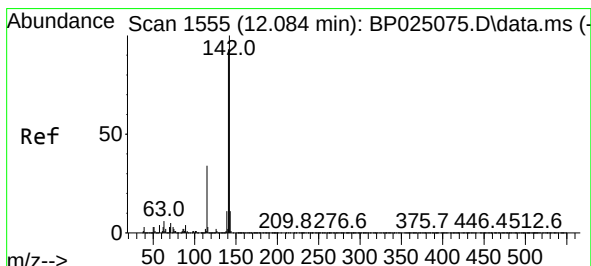
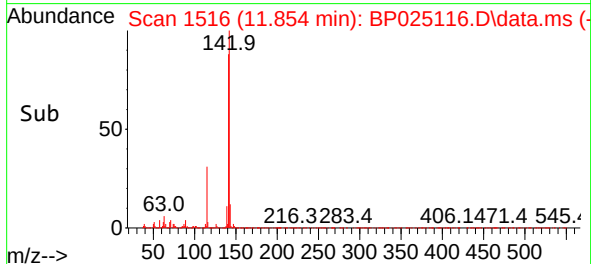
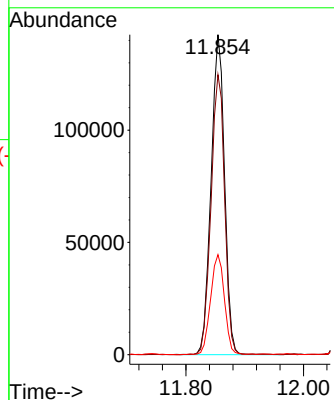
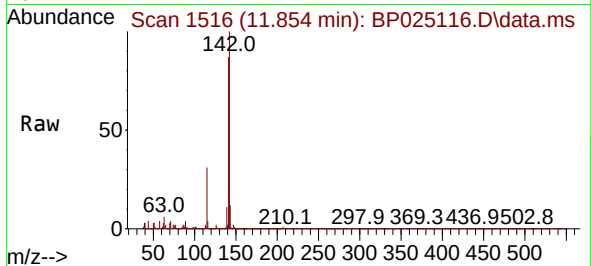




#37
2-Methylnaphthalene
Concen: 3.448 ng
RT: 11.854 min Scan# 1516
Delta R.T. -0.006 min
Lab File: BP025116.D
Acq: 14 Jul 2025 12:07

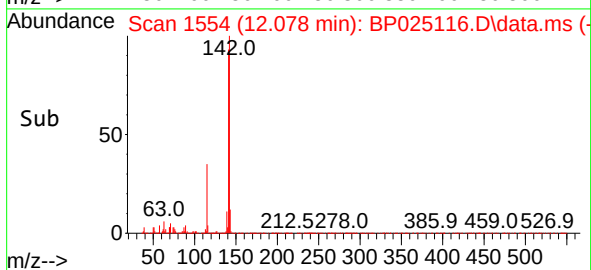
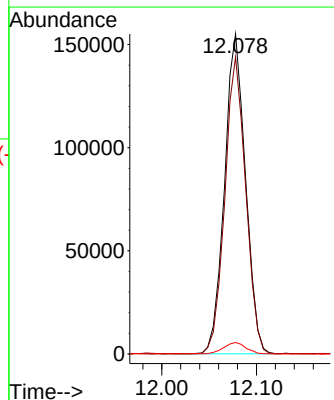
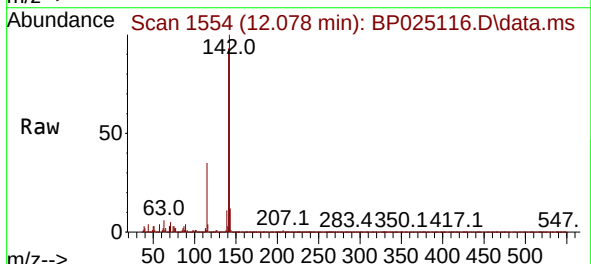
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2025

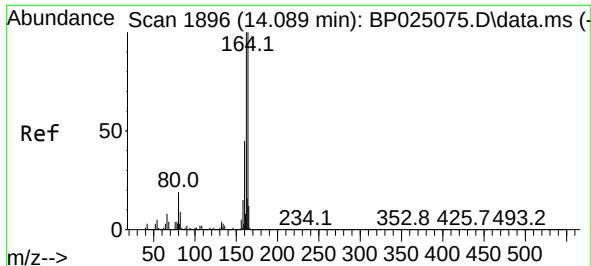
Tgt Ion:142 Resp: 226359
Ion Ratio Lower Upper
142 100
141 87.5 71.2 106.8
115 31.2 25.9 38.9



#38
1-Methylnaphthalene
Concen: 3.723 ng
RT: 12.078 min Scan# 1554
Delta R.T. -0.006 min
Lab File: BP025116.D
Acq: 14 Jul 2025 12:07

Tgt Ion:142 Resp: 238385
Ion Ratio Lower Upper
142 100
141 92.8 74.1 111.1
116 3.6 2.7 4.1

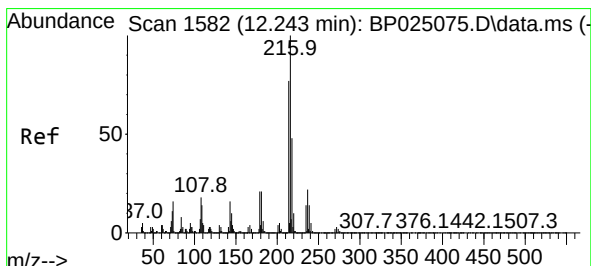
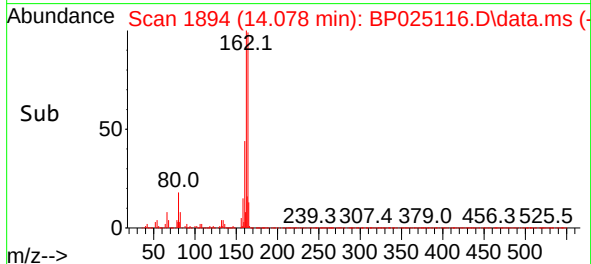
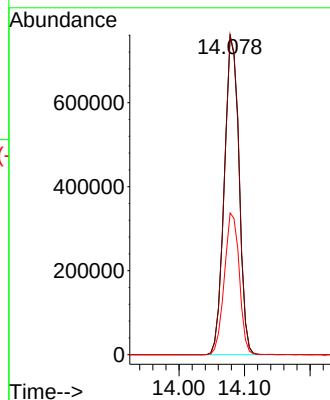
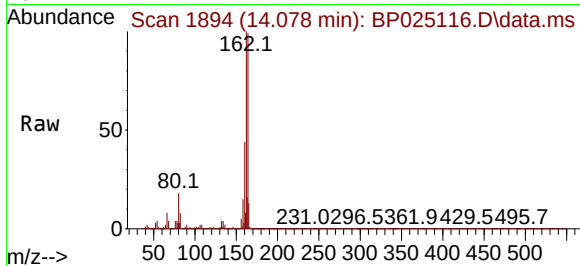




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.078 min Scan# 1896
Delta R.T. -0.011 min
Lab File: BP025116.D
Acq: 14 Jul 2025 12:07

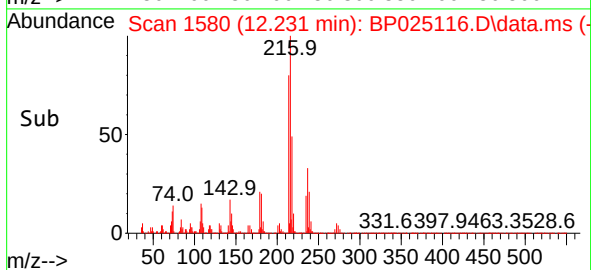
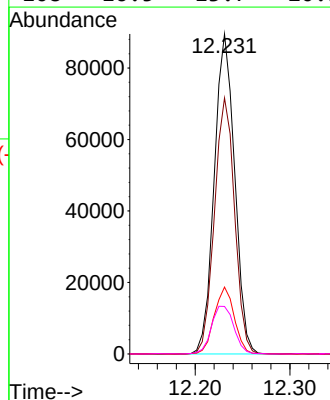
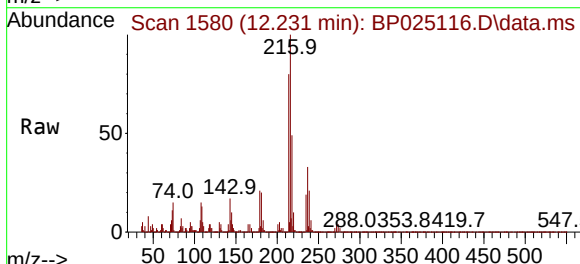
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT2-2025

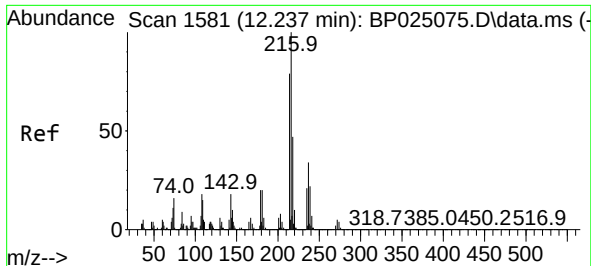
Tgt Ion:164 Resp: 1172008
Ion Ratio Lower Upper
164 100
162 100.6 80.3 120.5
160 44.6 35.9 53.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 3.980 ng
RT: 12.231 min Scan# 1580
Delta R.T. -0.012 min
Lab File: BP025116.D
Acq: 14 Jul 2025 12:07

Tgt Ion:216 Resp: 134045
Ion Ratio Lower Upper
216 100
214 78.8 62.4 93.6
179 20.5 16.5 24.7
108 16.5 13.7 20.5

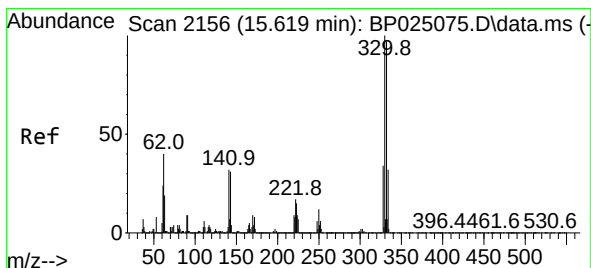
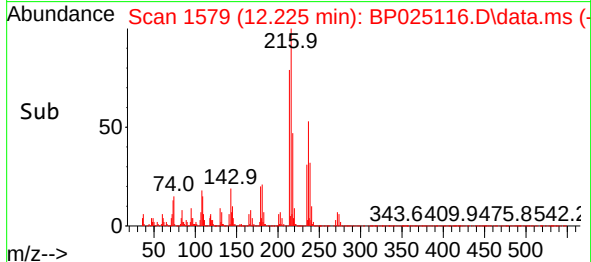
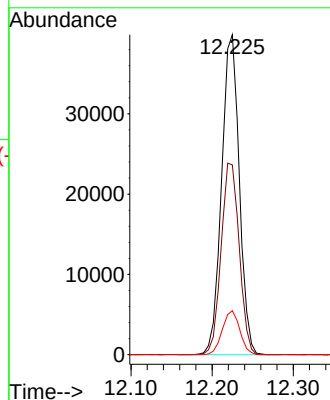
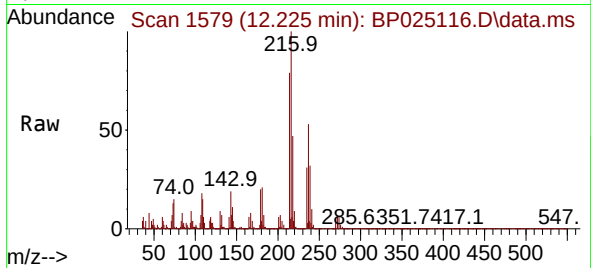




#41
Hexachlorocyclopentadiene
Concen: 6.861 ng
RT: 12.225 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP025116.D
Acq: 14 Jul 2025 12:07

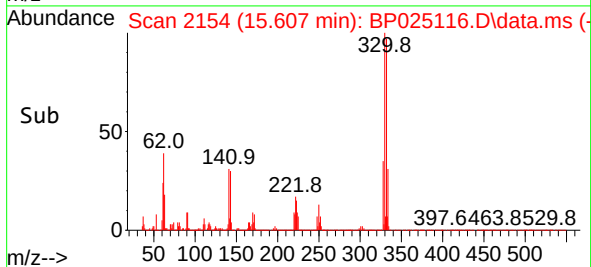
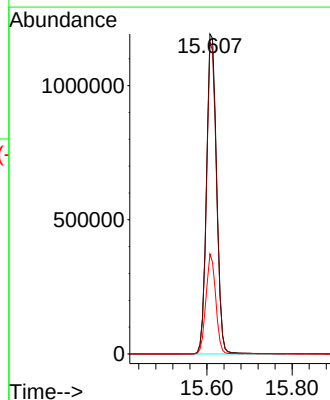
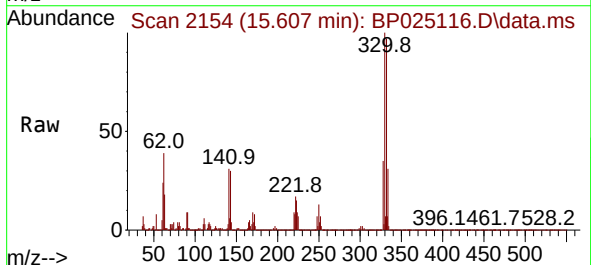
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2025

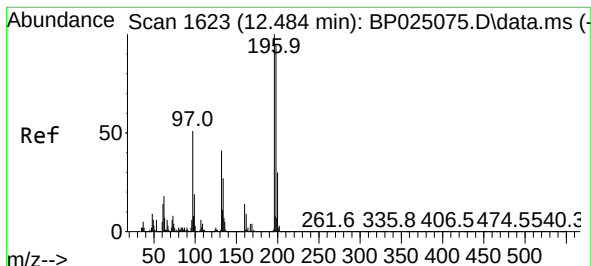
Tgt Ion:237 Resp: 60366
Ion Ratio Lower Upper
237 100
235 59.3 41.6 81.6
272 13.7 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 141.574 ng
RT: 15.607 min Scan# 2154
Delta R.T. -0.012 min
Lab File: BP025116.D
Acq: 14 Jul 2025 12:07

Tgt Ion:330 Resp: 1960142
Ion Ratio Lower Upper
330 100
332 96.8 77.7 116.5
141 30.3 26.0 39.0





#43

2,4,6-Trichlorophenol

Concen: 3.612 ng

RT: 12.478 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP025116.D

Acq: 14 Jul 2025 12:07

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2025

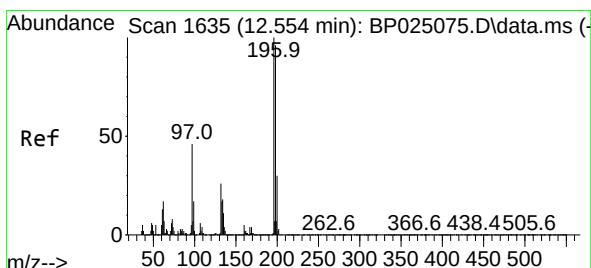
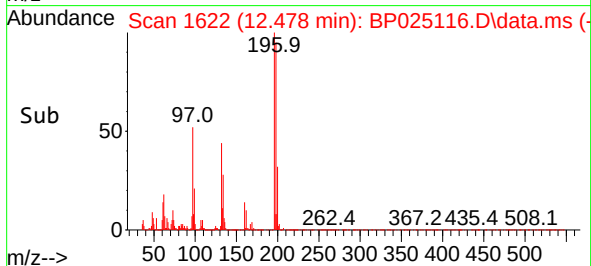
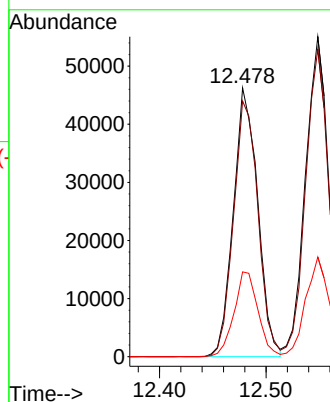
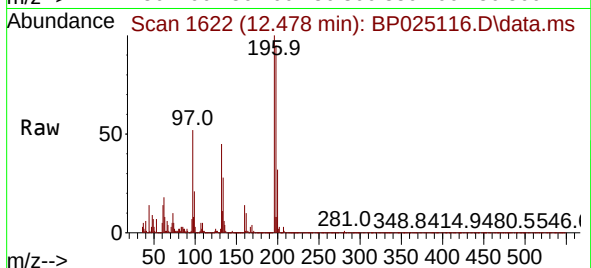
Tgt Ion:196 Resp: 73660

Ion Ratio Lower Upper

196 100

198 95.1 76.2 114.2

200 31.5 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 3.573 ng

RT: 12.549 min Scan# 1634

Delta R.T. -0.006 min

Lab File: BP025116.D

Acq: 14 Jul 2025 12:07

Tgt Ion:196 Resp: 82588

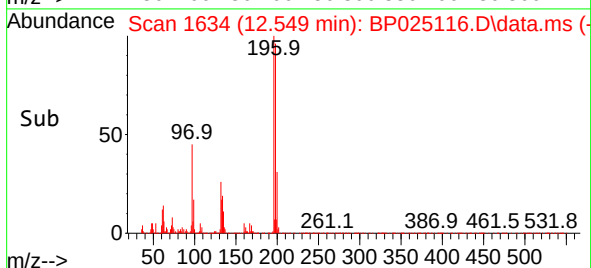
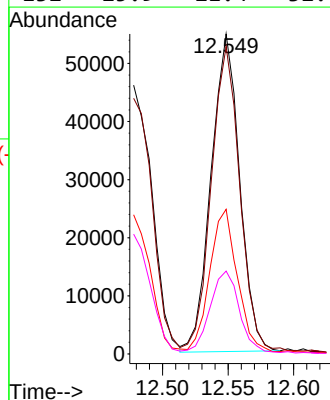
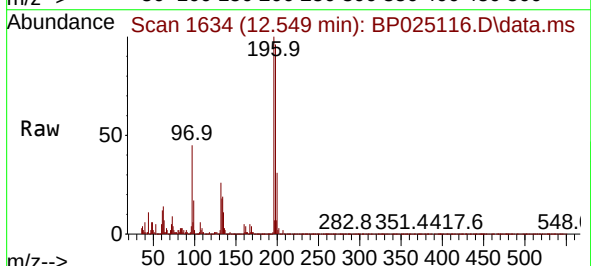
Ion Ratio Lower Upper

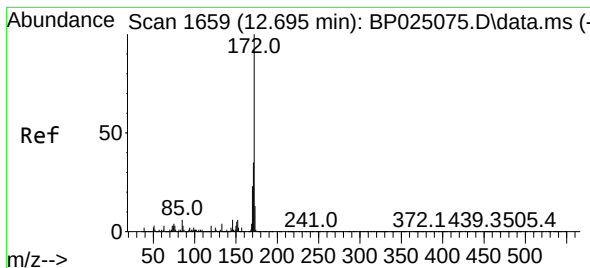
196 100

198 96.1 76.6 115.0

97 45.2 36.6 55.0

132 25.9 21.4 32.0





#45

2-Fluorobiphenyl

Concen: 91.016 ng

RT: 12.684 min Scan# 1657

Delta R.T. -0.012 min

Lab File: BP025116.D

Acq: 14 Jul 2025 12:07

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2025

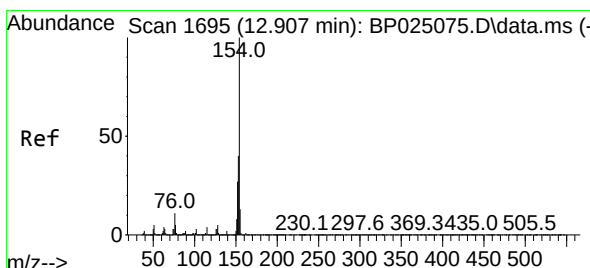
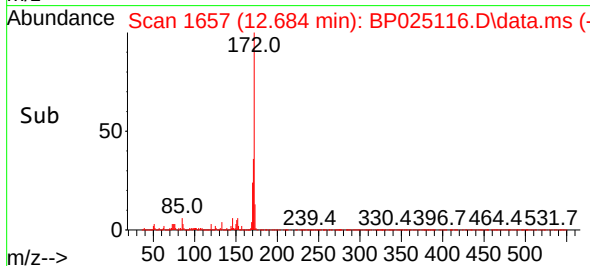
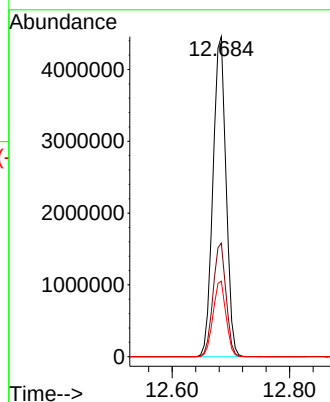
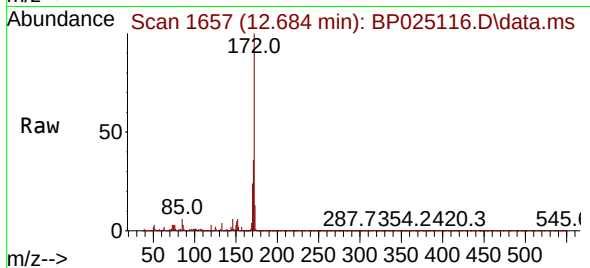
Tgt Ion:172 Resp: 6885754

Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.2

170 23.6 18.7 28.1



#46

1,1'-Biphenyl

Concen: 3.982 ng

RT: 12.901 min Scan# 1694

Delta R.T. -0.006 min

Lab File: BP025116.D

Acq: 14 Jul 2025 12:07

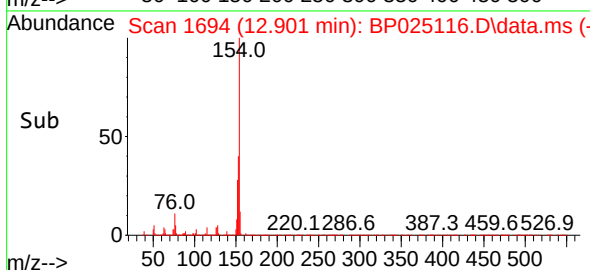
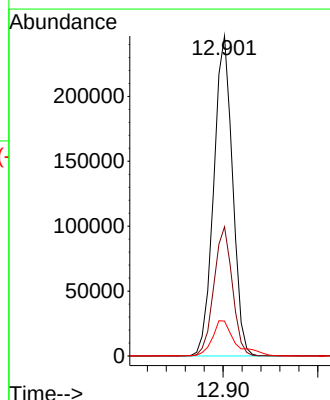
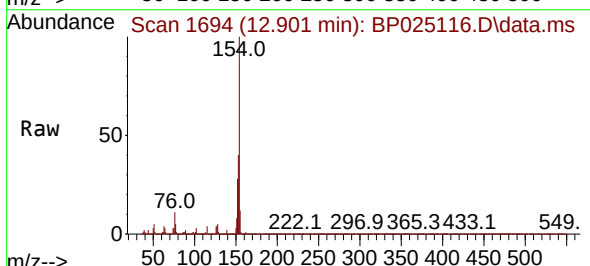
Tgt Ion:154 Resp: 339531

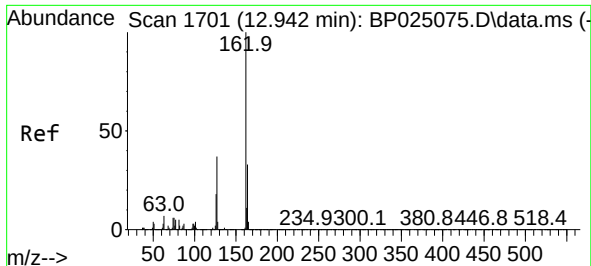
Ion Ratio Lower Upper

154 100

153 40.4 20.2 60.2

76 10.9 0.0 31.5

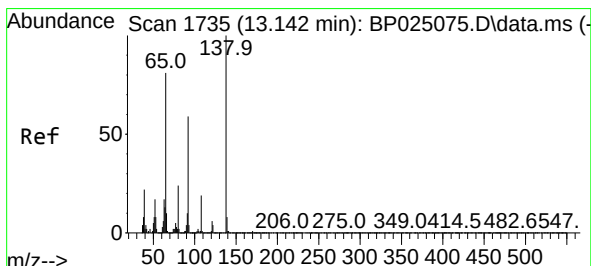
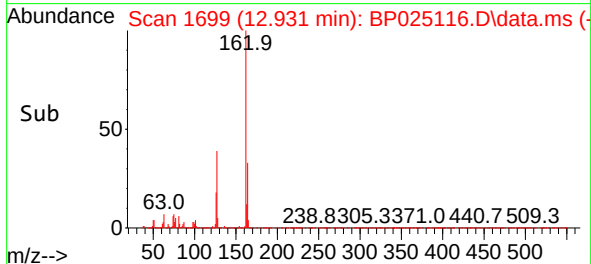
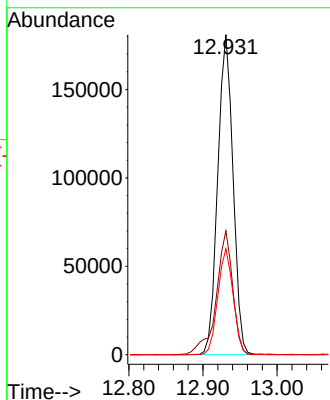
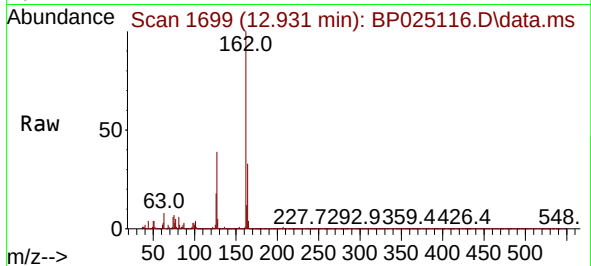




#47
2-Chloronaphthalene
Concen: 4.047 ng
RT: 12.931 min Scan# 1699
Delta R.T. -0.012 min
Lab File: BP025116.D
Acq: 14 Jul 2025 12:07

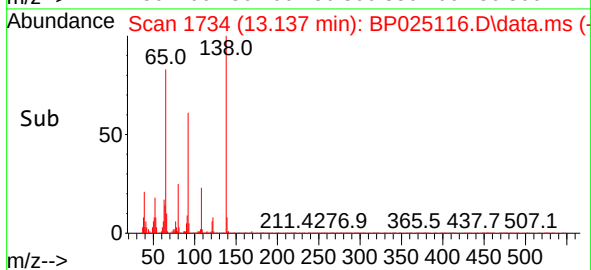
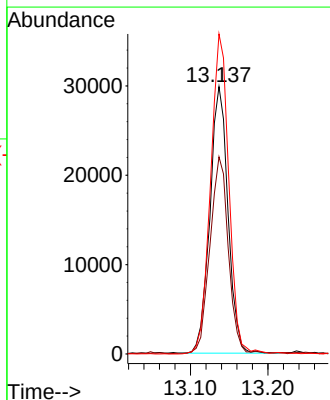
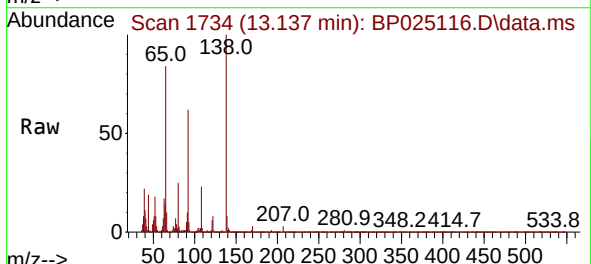
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2025

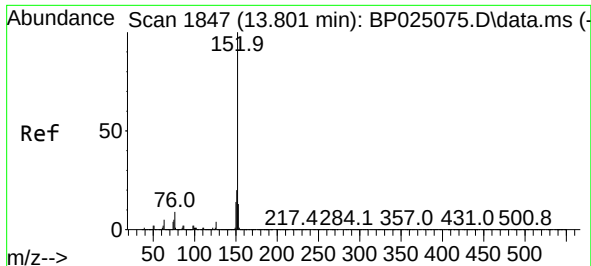
Tgt Ion:162 Resp: 259388
Ion Ratio Lower Upper
162 100
127 38.7 29.4 44.2
164 33.1 26.4 39.6



#48
2-Nitroaniline
Concen: 5.676 ng
RT: 13.137 min Scan# 1734
Delta R.T. -0.005 min
Lab File: BP025116.D
Acq: 14 Jul 2025 12:07

Tgt Ion: 65 Resp: 48503
Ion Ratio Lower Upper
65 100
92 73.7 58.7 88.1
138 119.7 99.0 148.4

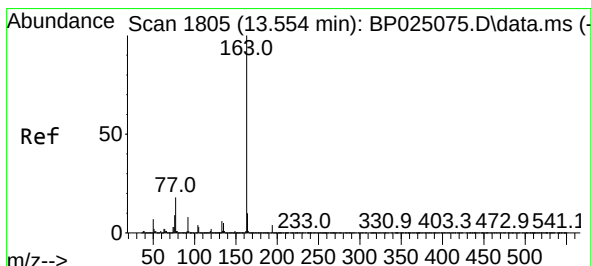
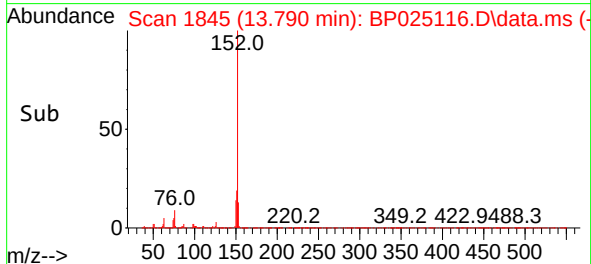
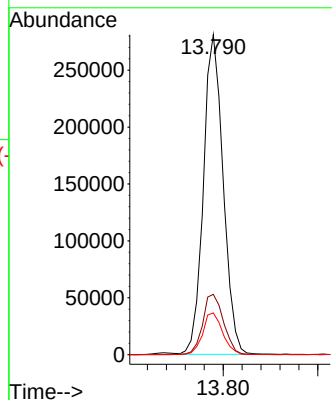
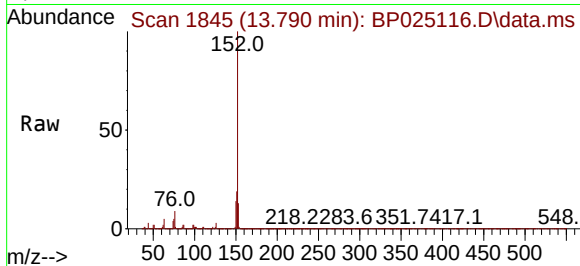




#49
Acenaphthylene
Concen: 4.157 ng
RT: 13.790 min Scan# 1845
Delta R.T. -0.012 min
Lab File: BP025116.D
Acq: 14 Jul 2025 12:07

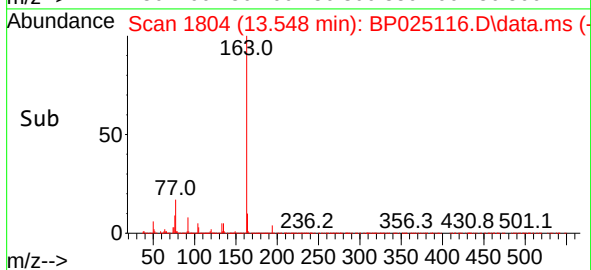
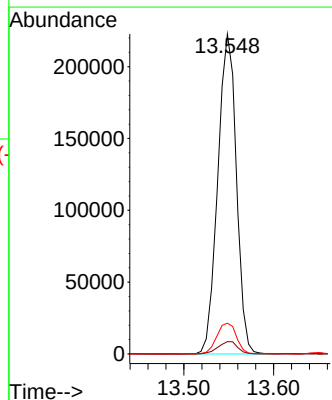
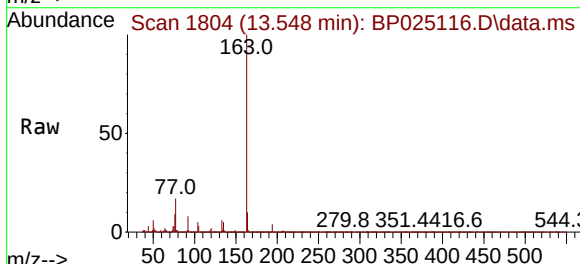
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2025

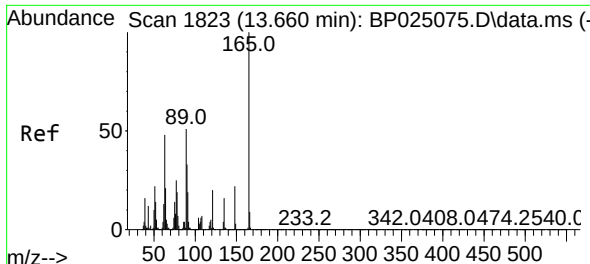
Tgt Ion:152 Resp: 407792
Ion Ratio Lower Upper
152 100
151 18.9 16.1 24.1
153 13.1 10.7 16.1



#50
Dimethylphthalate
Concen: 3.911 ng
RT: 13.548 min Scan# 1804
Delta R.T. -0.006 min
Lab File: BP025116.D
Acq: 14 Jul 2025 12:07

Tgt Ion:163 Resp: 320844
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.0
164 9.6 8.0 12.0

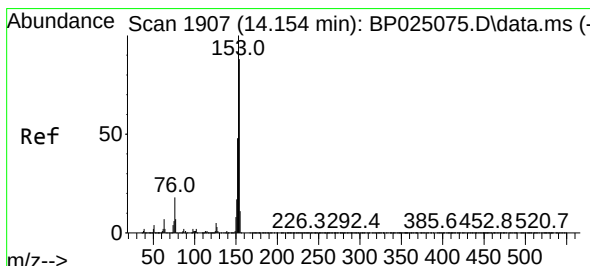
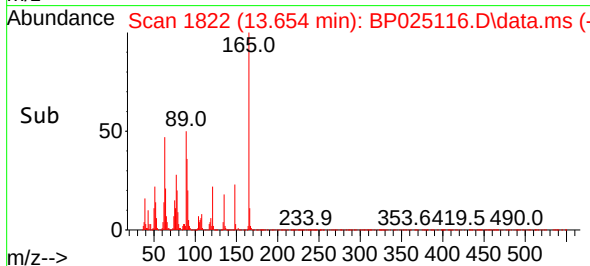
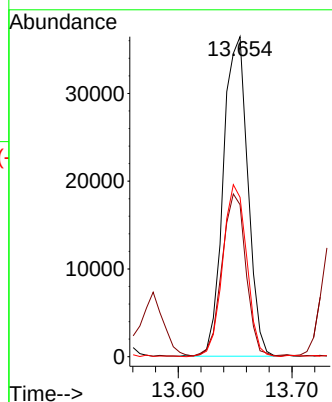
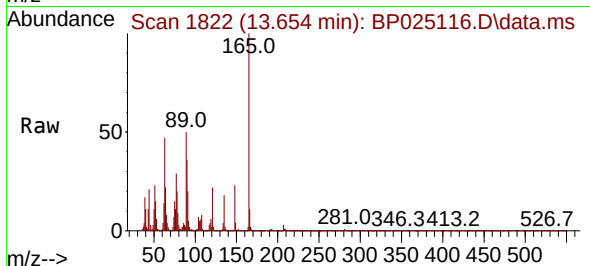




#51
2,6-Dinitrotoluene
Concen: 3.410 ng
RT: 13.654 min Scan# 1822
Delta R.T. -0.006 min
Lab File: BP025116.D
Acq: 14 Jul 2025 12:07

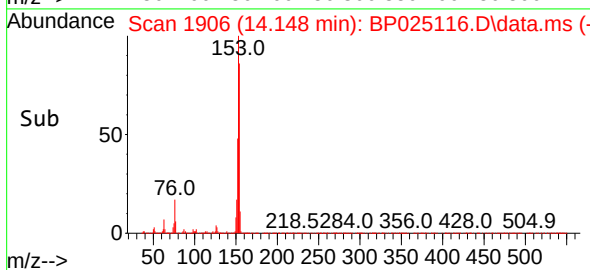
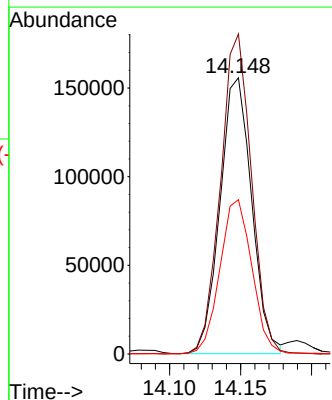
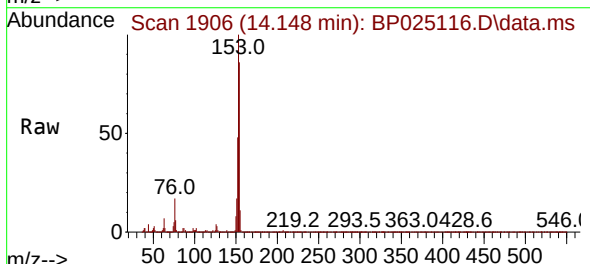
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT2-2025

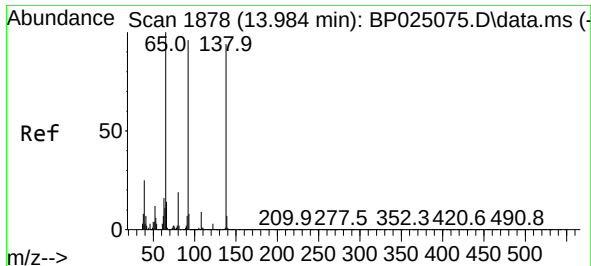
Tgt Ion:165	Resp:	54554
Ion Ratio	Lower	Upper
165	100	
63	47.5	38.5 57.7
89	49.8	40.6 61.0



#52
Acenaphthene
Concen: 3.818 ng
RT: 14.148 min Scan# 1906
Delta R.T. -0.006 min
Lab File: BP025116.D
Acq: 14 Jul 2025 12:07

Tgt Ion:154	Resp:	241388
Ion Ratio	Lower	Upper
154	100	
153	115.9	90.6 136.0
152	55.9	43.8 65.8

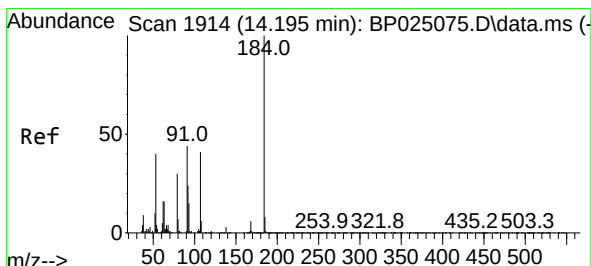
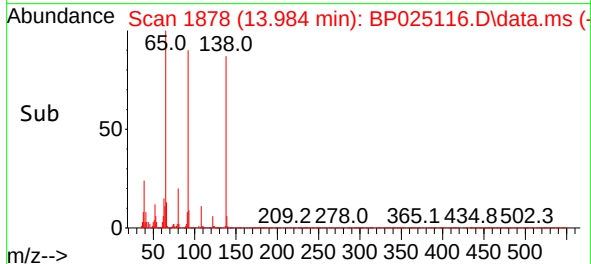
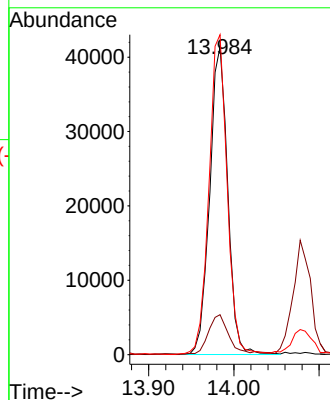
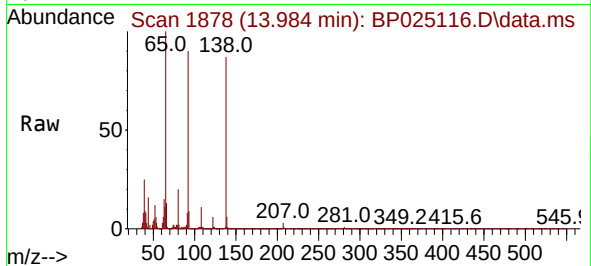




#53
3-Nitroaniline
Concen: 3.543 ng
RT: 13.984 min Scan# 1878
Delta R.T. 0.000 min
Lab File: BP025116.D
Acq: 14 Jul 2025 12:07

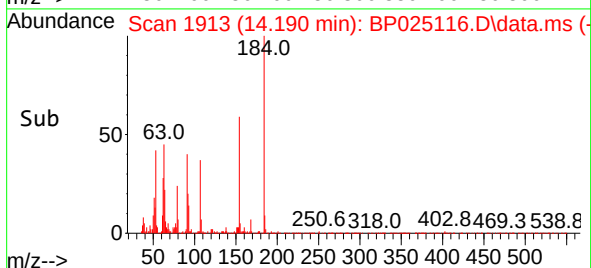
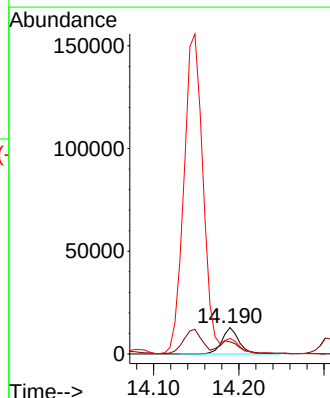
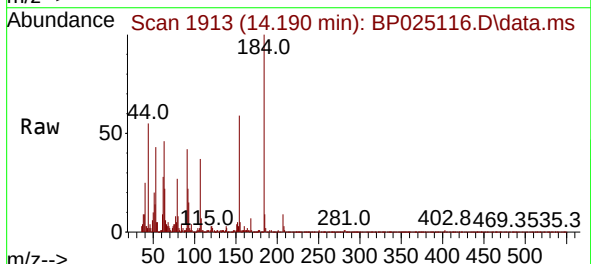
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2025

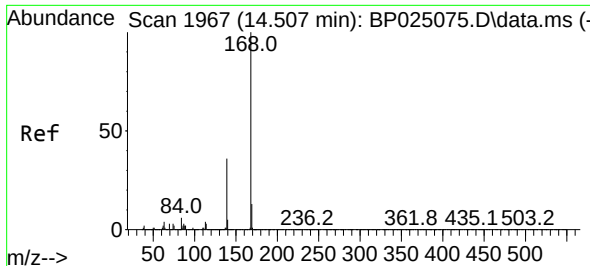
Tgt Ion:138 Resp: 60749
Ion Ratio Lower Upper
138 100
108 13.0 7.8 11.8#
92 103.9 81.0 121.4



#54
2,4-Dinitrophenol
Concen: 7.522 ng
RT: 14.190 min Scan# 1913
Delta R.T. -0.005 min
Lab File: BP025116.D
Acq: 14 Jul 2025 12:07

Tgt Ion:184 Resp: 17918
Ion Ratio Lower Upper
184 100
63 46.0 47.4 71.0#
154 58.7 47.8 71.8

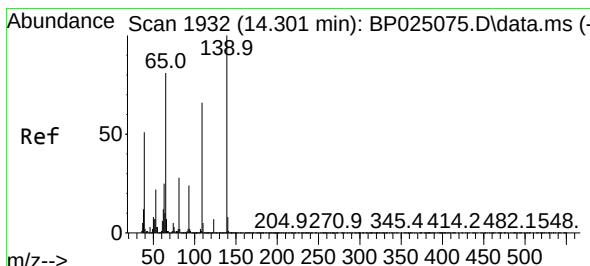
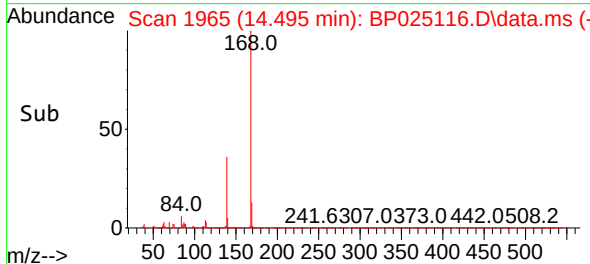
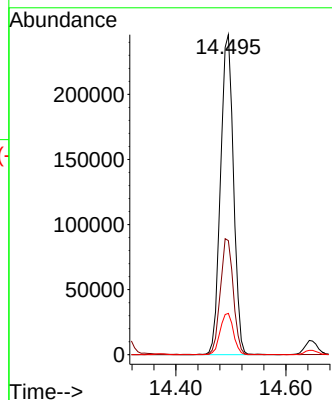
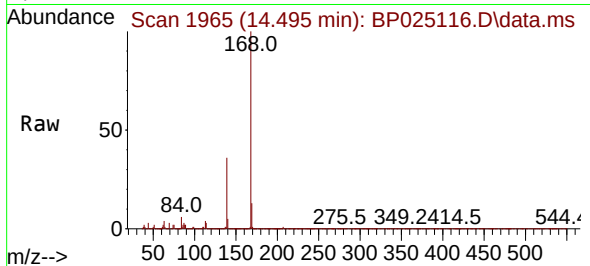




#55
Dibenzenofuran
Concen: 3.849 ng
RT: 14.495 min Scan# 1965
Delta R.T. -0.012 min
Lab File: BP025116.D
Acq: 14 Jul 2025 12:07

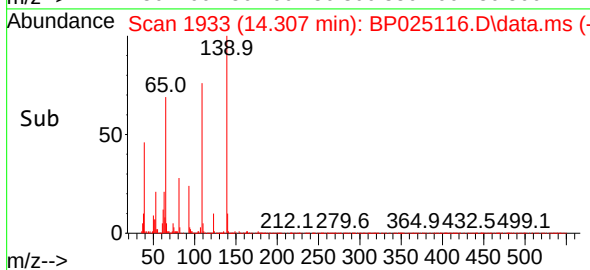
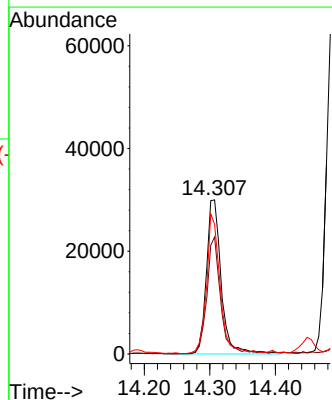
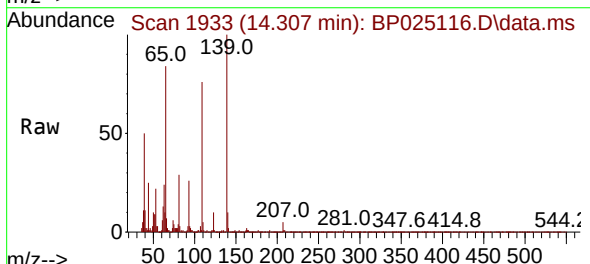
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2025

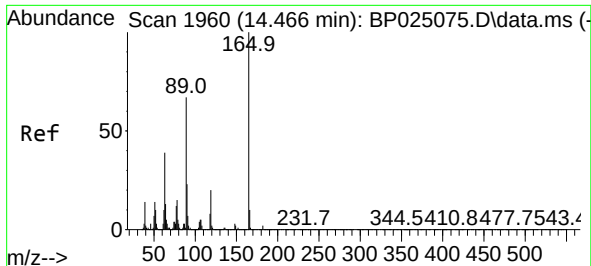
Tgt Ion:168 Resp: 401578
Ion Ratio Lower Upper
168 100
139 35.7 28.6 43.0
169 12.9 10.7 16.1



#56
4-Nitrophenol
Concen: 2.974 ng
RT: 14.307 min Scan# 1933
Delta R.T. 0.006 min
Lab File: BP025116.D
Acq: 14 Jul 2025 12:07

Tgt Ion:139 Resp: 47065
Ion Ratio Lower Upper
139 100
109 75.8 45.9 85.9
65 84.1 61.4 101.4

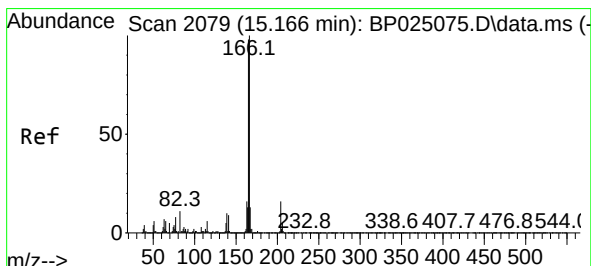
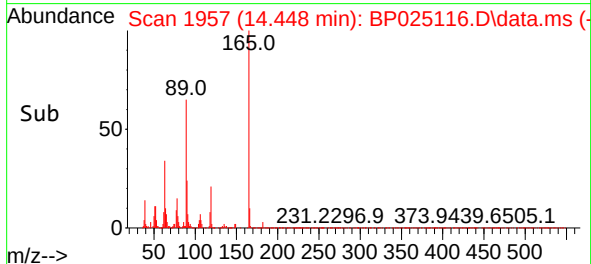
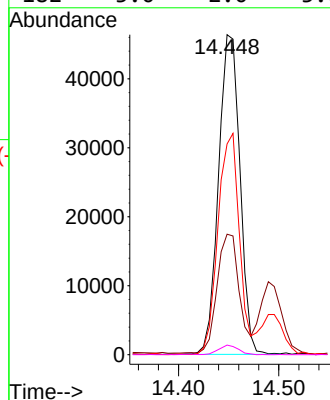
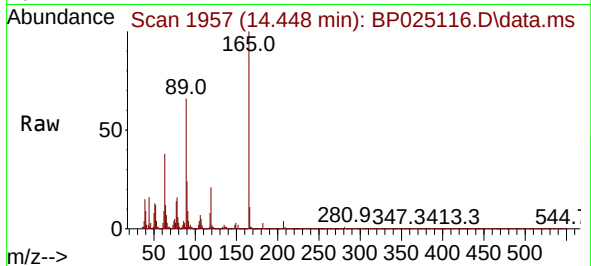




#57
2,4-Dinitrotoluene
Concen: 5.402 ng
RT: 14.448 min Scan# 1960
Delta R.T. -0.018 min
Lab File: BP025116.D
Acq: 14 Jul 2025 12:07

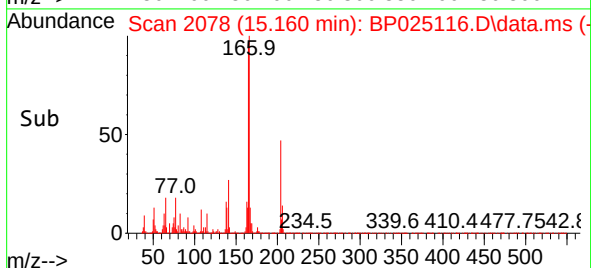
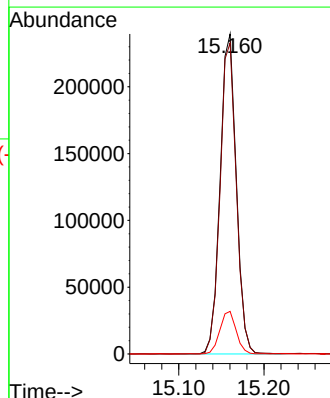
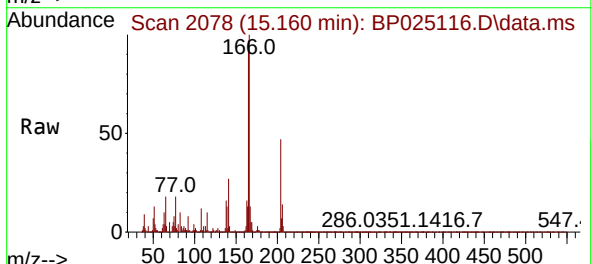
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2025

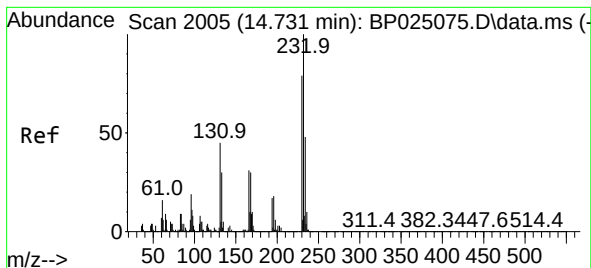
Tgt Ion:165	Resp:	68699
Ion Ratio	Lower	Upper
165	100	
63	37.6	31.0 46.4
89	65.8	53.4 80.0
182	3.0	2.0 3.0



#58
Fluorene
Concen: 3.912 ng
RT: 15.160 min Scan# 2078
Delta R.T. -0.006 min
Lab File: BP025116.D
Acq: 14 Jul 2025 12:07

Tgt Ion:166	Resp:	315737
Ion Ratio	Lower	Upper
166	100	
165	97.2	78.6 117.8
167	13.3	10.7 16.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 3.618 ng

RT: 14.731 min Scan# 2005

Delta R.T. 0.000 min

Lab File: BP025116.D

Acq: 14 Jul 2025 12:07

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2025

Tgt Ion:232 Resp: 75733

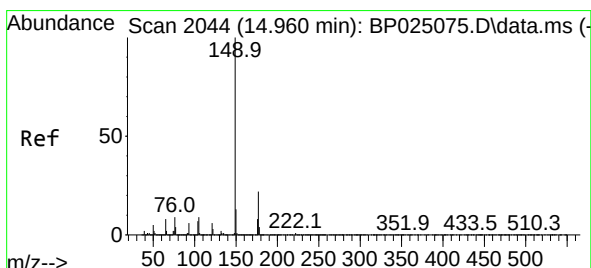
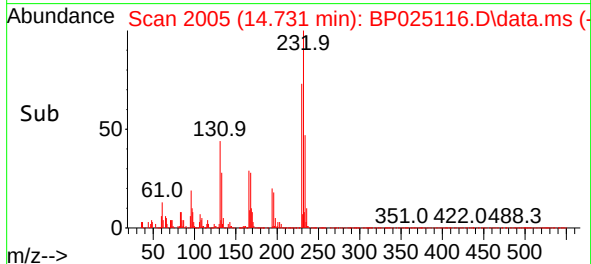
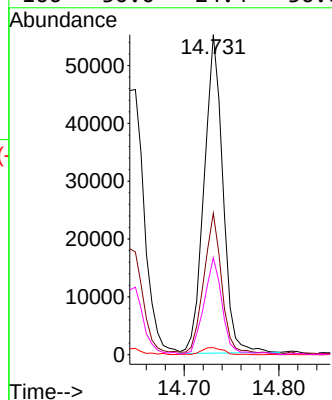
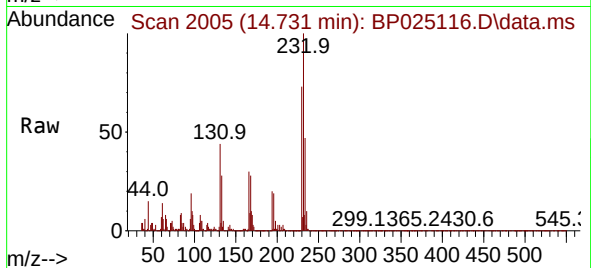
Ion Ratio Lower Upper

232 100

131 42.6 35.7 53.5

130 2.6 1.8 2.6

166 30.0 24.4 36.6



#60

Diethylphthalate

Concen: 3.726 ng

RT: 14.960 min Scan# 2044

Delta R.T. 0.000 min

Lab File: BP025116.D

Acq: 14 Jul 2025 12:07

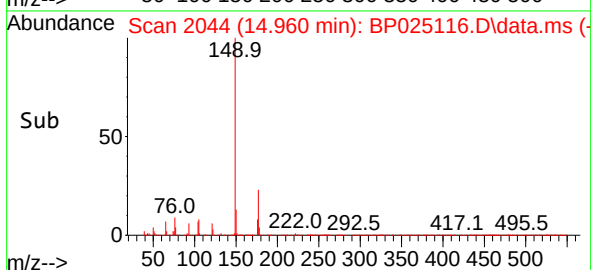
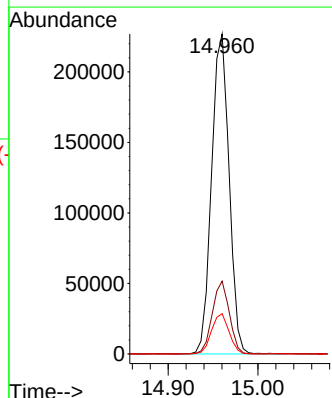
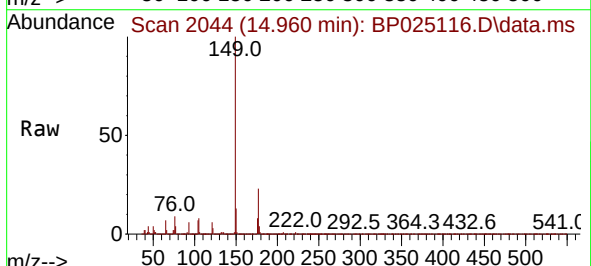
Tgt Ion:149 Resp: 307017

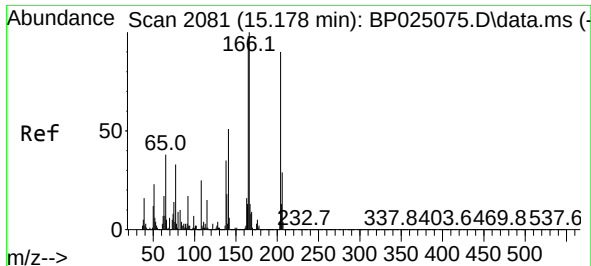
Ion Ratio Lower Upper

149 100

177 22.7 17.8 26.8

150 12.6 10.2 15.2

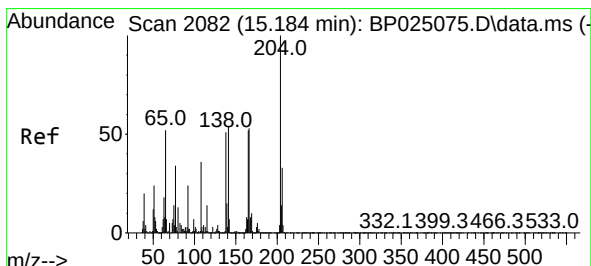
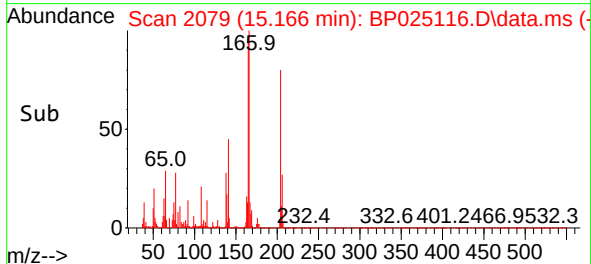
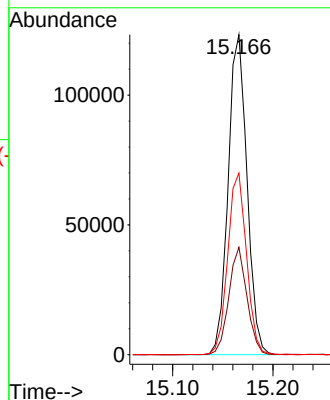
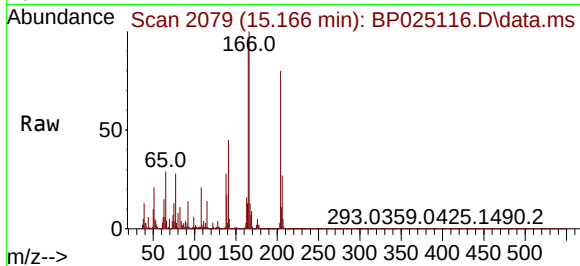




#61
4-Chlorophenyl-phenylether
Concen: 4.028 ng
RT: 15.166 min Scan# 2079
Delta R.T. -0.012 min
Lab File: BP025116.D
Acq: 14 Jul 2025 12:07

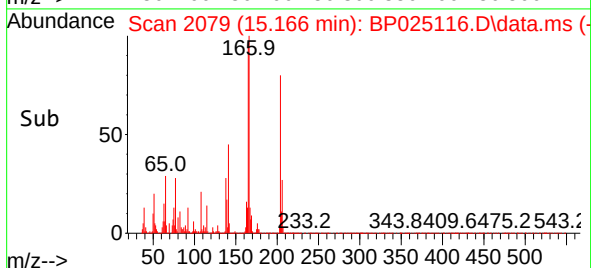
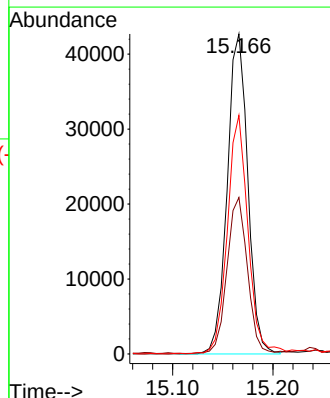
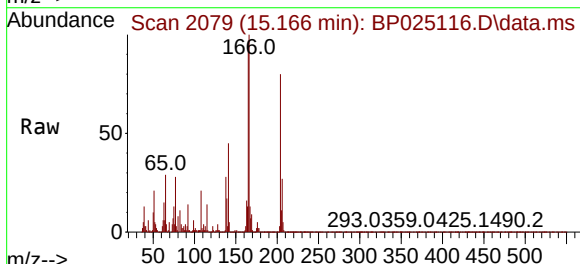
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT2-2025

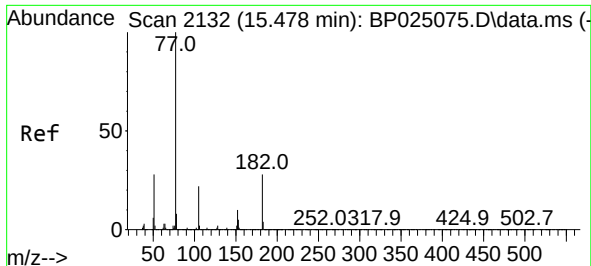
Tgt Ion:204 Resp: 160876
Ion Ratio Lower Upper
204 100
206 33.5 25.8 38.6
141 56.7 45.1 67.7



#62
4-Nitroaniline
Concen: 3.388 ng
RT: 15.166 min Scan# 2079
Delta R.T. -0.018 min
Lab File: BP025116.D
Acq: 14 Jul 2025 12:07

Tgt Ion:138 Resp: 60924
Ion Ratio Lower Upper
138 100
92 48.9 26.0 66.0
108 74.6 50.0 90.0

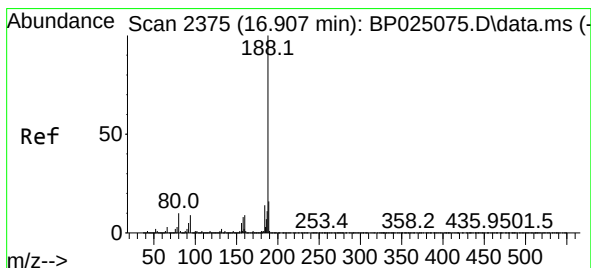
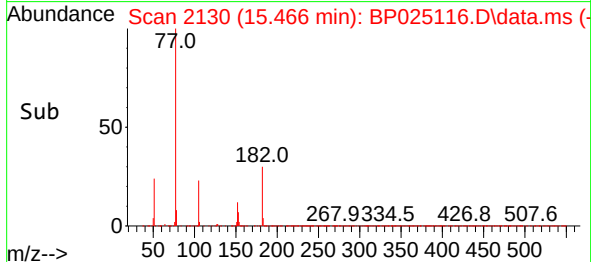
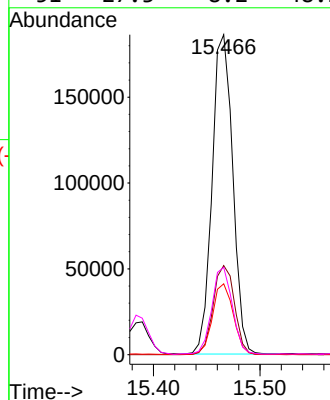
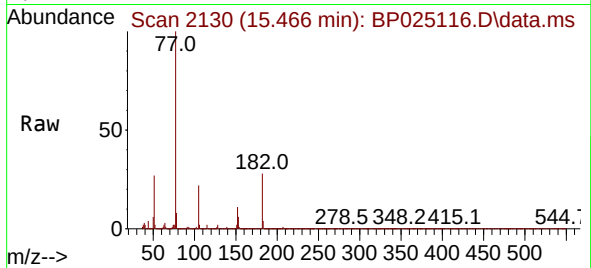




#63
Azobenzene
Concen: 3.416 ng
RT: 15.466 min Scan# 2130
Delta R.T. -0.012 min
Lab File: BP025116.D
Acq: 14 Jul 2025 12:07

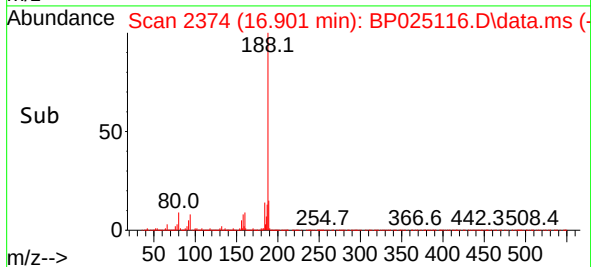
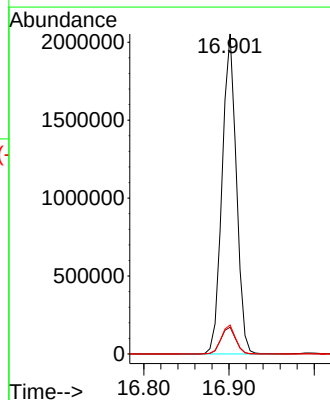
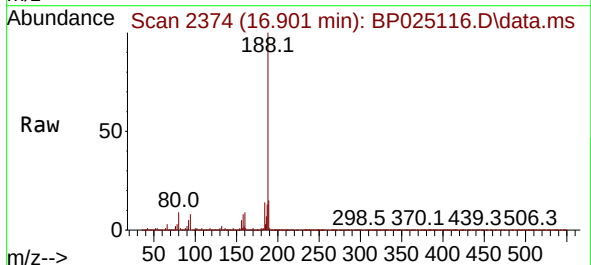
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2025

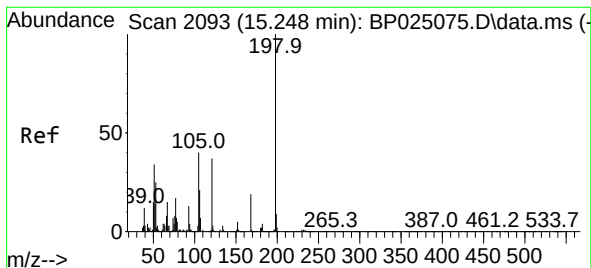
Tgt Ion: 77	Resp: 250641
Ion Ratio	Lower Upper
77 100	
182 27.9	7.7 47.7
105 22.1	1.9 41.9
51 27.3	8.2 48.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.901 min Scan# 2374
Delta R.T. -0.006 min
Lab File: BP025116.D
Acq: 14 Jul 2025 12:07

Tgt Ion:188	Resp: 2388095		
Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.3	10.9
80	9.1	7.8	11.6

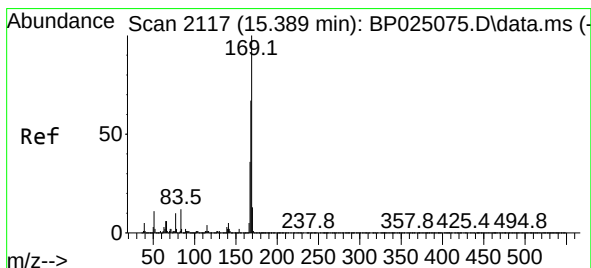
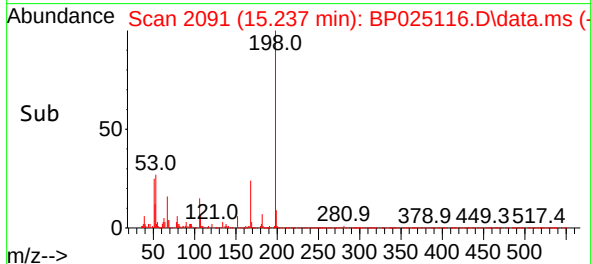
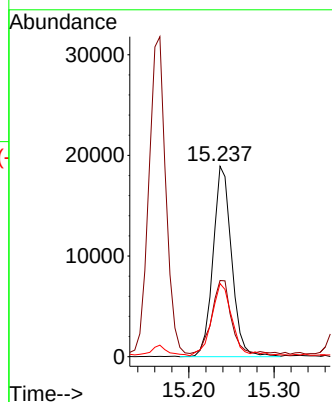
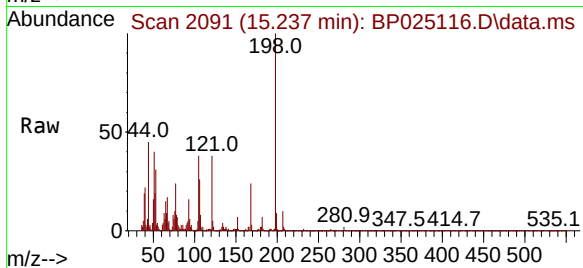




#65
4,6-Dinitro-2-methylphenol
Concen: 7.912 ng
RT: 15.237 min Scan# 2091
Delta R.T. -0.011 min
Lab File: BP025116.D
Acq: 14 Jul 2025 12:07

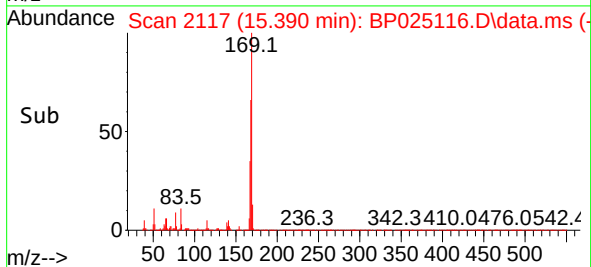
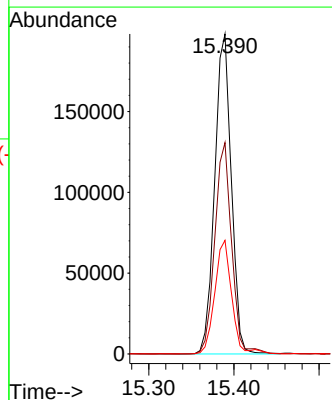
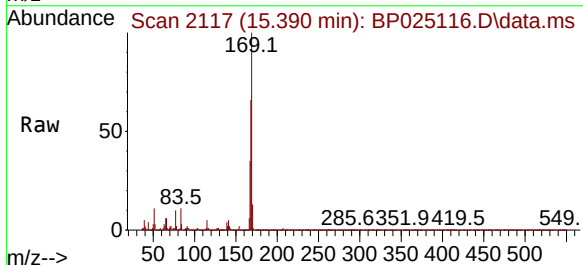
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2025

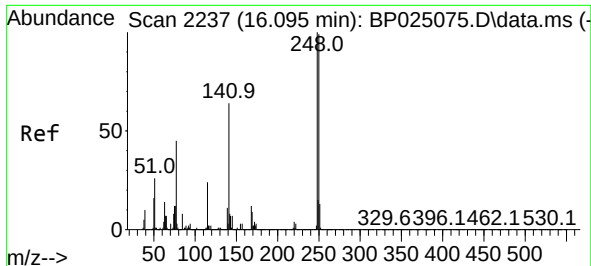
Tgt Ion:198	Resp:	28692
Ion Ratio	Lower	Upper
198	100	
51	40.0	16.8 56.8
105	38.4	20.8 60.8



#66
n-Nitrosodiphenylamine
Concen: 3.918 ng
RT: 15.390 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BP025116.D
Acq: 14 Jul 2025 12:07

Tgt Ion:169	Resp:	267791
Ion Ratio	Lower	Upper
169	100	
168	66.1	54.1 81.1
167	35.5	29.0 43.6

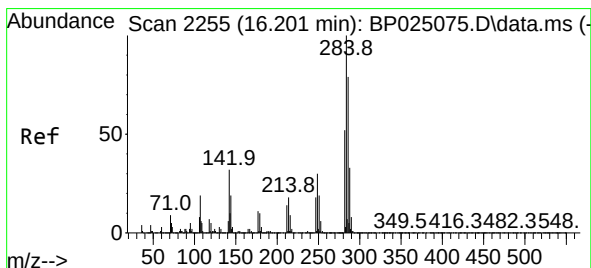
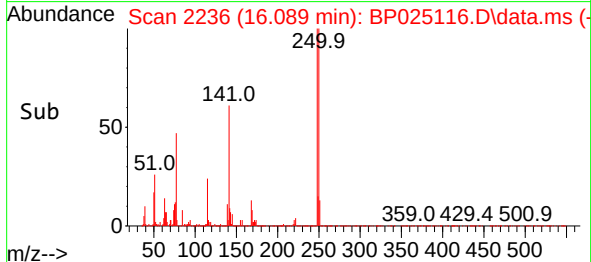
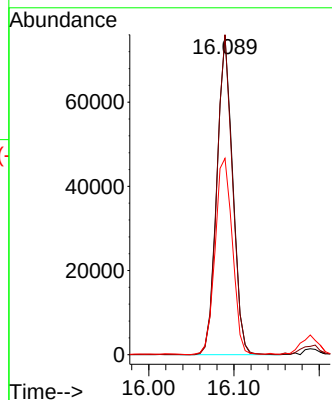
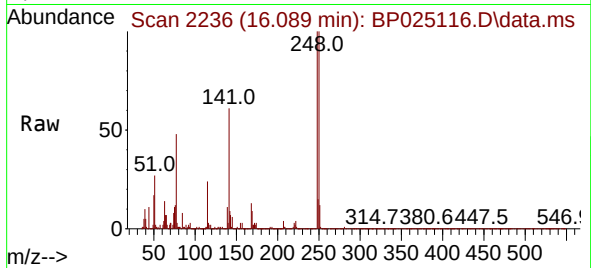




#67
4-Bromophenyl-phenylether
Concen: 4.007 ng
RT: 16.089 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025116.D
Acq: 14 Jul 2025 12:07

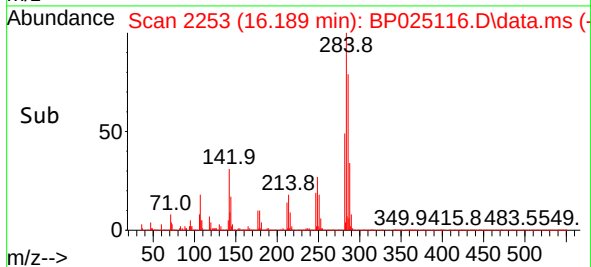
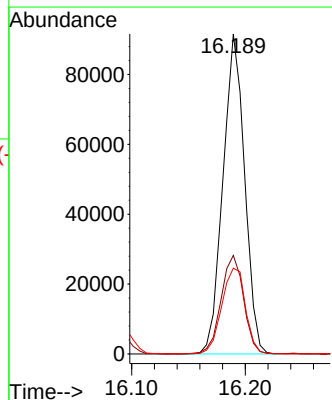
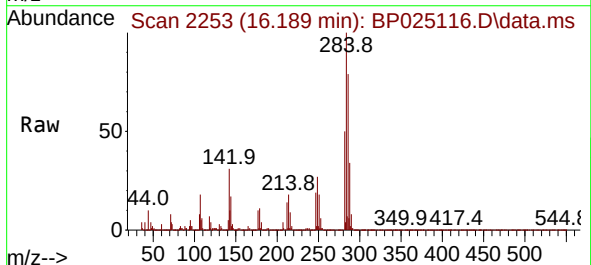
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2025

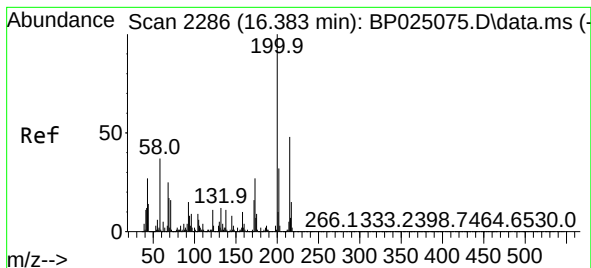
Tgt Ion:248 Resp: 97966
Ion Ratio Lower Upper
248 100
250 100.3 79.4 119.2
141 61.5 51.4 77.0



#68
Hexachlorobenzene
Concen: 4.049 ng
RT: 16.189 min Scan# 2253
Delta R.T. -0.012 min
Lab File: BP025116.D
Acq: 14 Jul 2025 12:07

Tgt Ion:284 Resp: 120999
Ion Ratio Lower Upper
284 100
142 30.8 25.9 38.9
249 26.8 23.8 35.8





#69

Atrazine

Concen: 4.457 ng

RT: 16.378 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025116.D

Acq: 14 Jul 2025 12:07

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2025

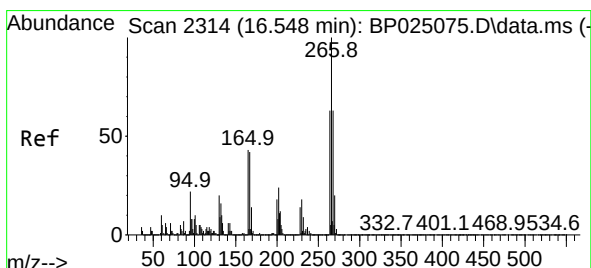
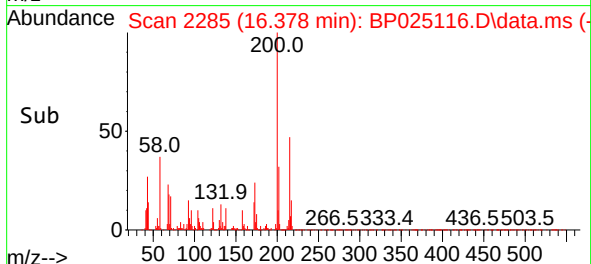
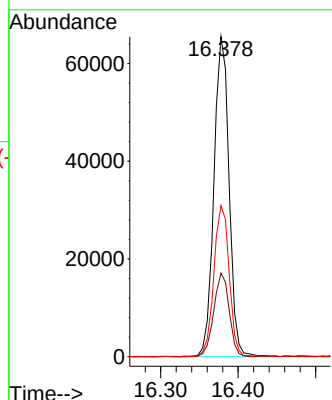
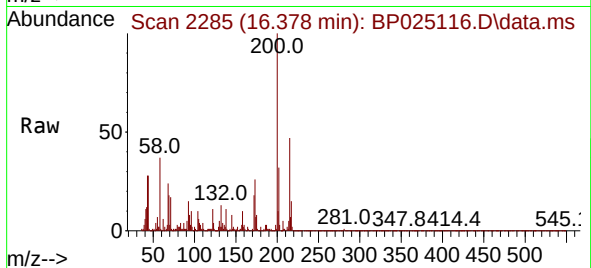
Tgt Ion:200 Resp: 89267

Ion Ratio Lower Upper

200 100

173 26.1 6.6 46.6

215 47.2 28.0 68.0



#70

Pentachlorophenol

Concen: 2.912 ng

RT: 16.542 min Scan# 2313

Delta R.T. -0.006 min

Lab File: BP025116.D

Acq: 14 Jul 2025 12:07

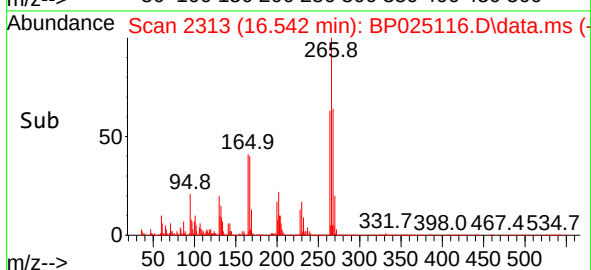
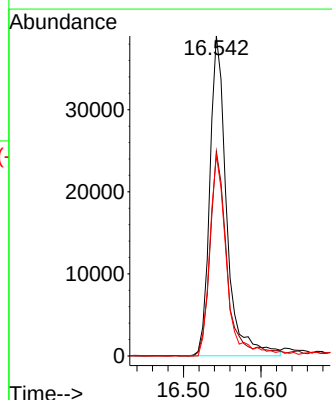
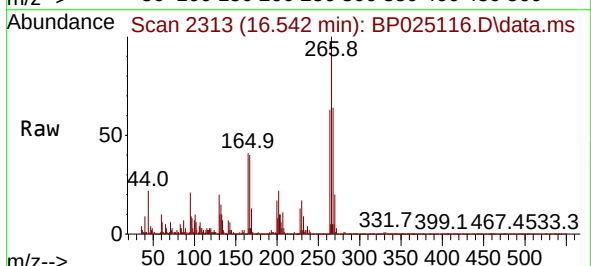
Tgt Ion:266 Resp: 58774

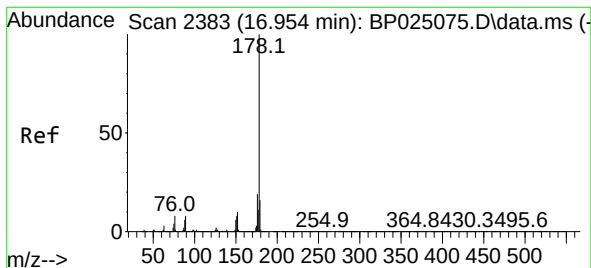
Ion Ratio Lower Upper

266 100

268 64.0 50.4 75.6

264 62.8 50.2 75.2





#71

Phenanthrene

Concen: 4.096 ng

RT: 16.936 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP025116.D

Acq: 14 Jul 2025 12:07

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2025

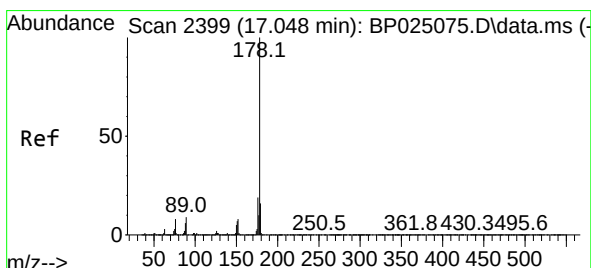
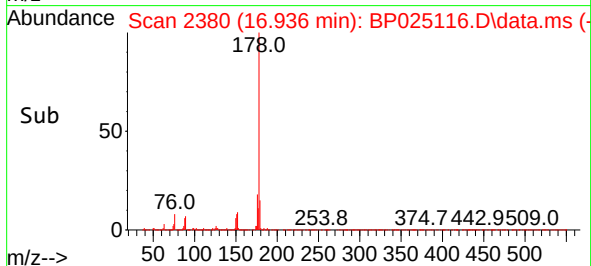
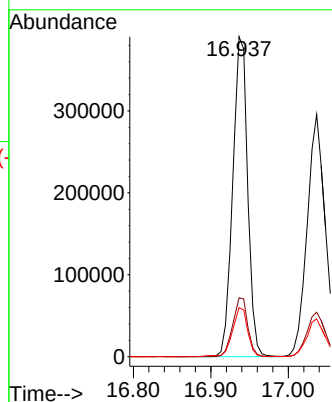
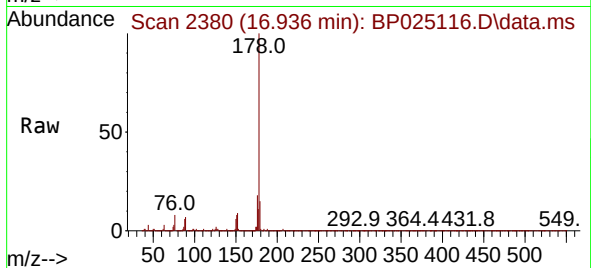
Tgt Ion:178 Resp: 522700

Ion Ratio Lower Upper

178 100

176 18.4 15.4 23.2

179 15.3 12.6 19.0



#72

Anthracene

Concen: 3.923 ng

RT: 17.037 min Scan# 2397

Delta R.T. -0.012 min

Lab File: BP025116.D

Acq: 14 Jul 2025 12:07

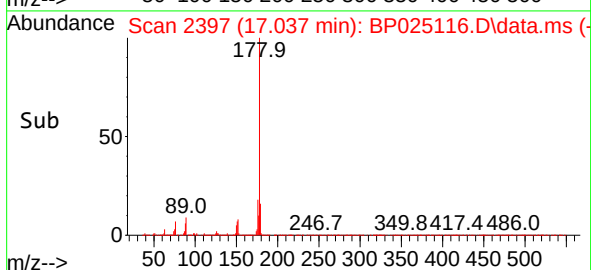
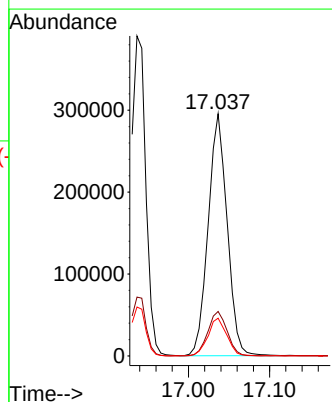
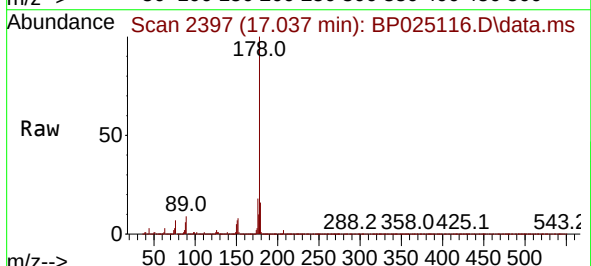
Tgt Ion:178 Resp: 480204

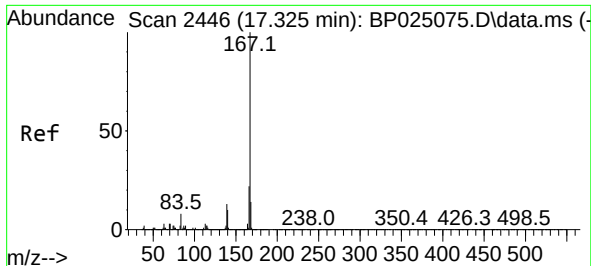
Ion Ratio Lower Upper

178 100

176 18.4 15.0 22.6

179 15.6 12.5 18.7

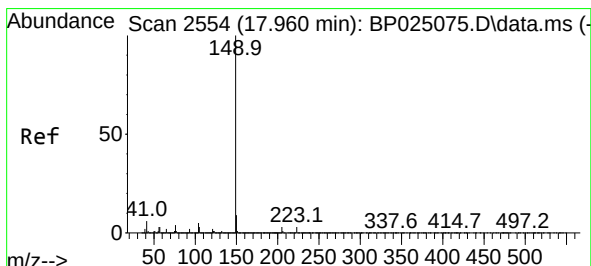
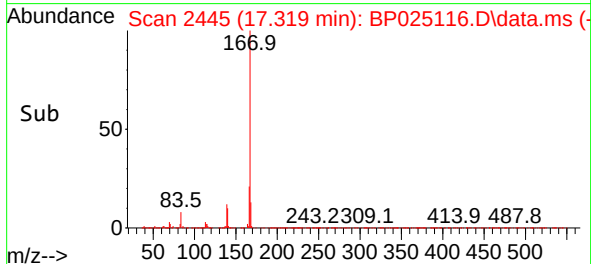
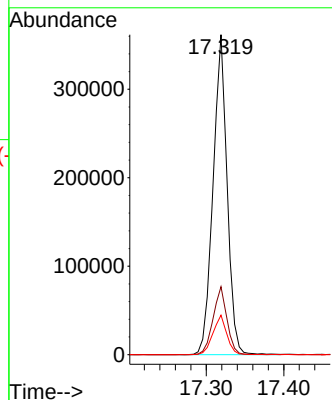
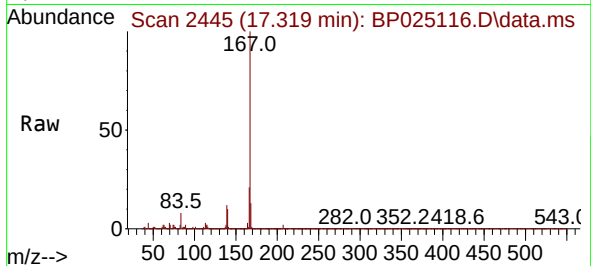




#73
Carbazole
Concen: 3.805 ng
RT: 17.319 min Scan# 2445
Delta R.T. -0.006 min
Lab File: BP025116.D
Acq: 14 Jul 2025 12:07

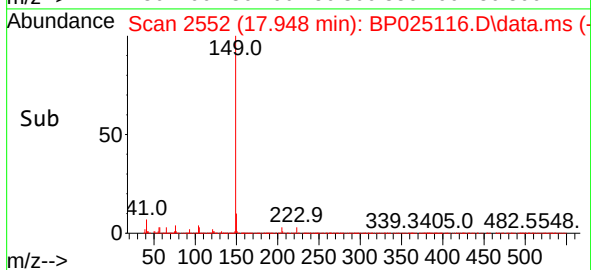
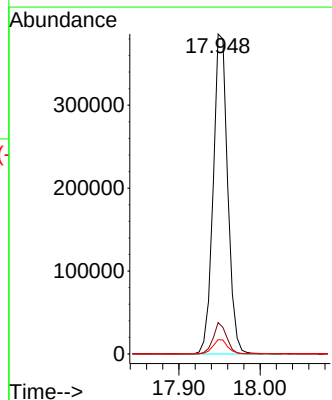
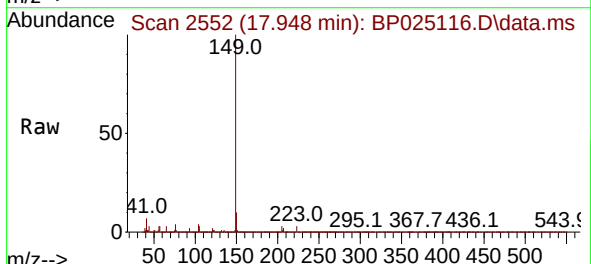
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT2-2025

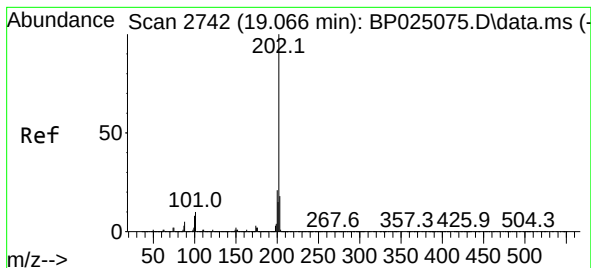
Tgt Ion:167 Resp: 455496
Ion Ratio Lower Upper
167 100
166 21.2 17.4 26.0
139 12.3 10.4 15.6



#74
Di-n-butylphthalate
Concen: 3.585 ng
RT: 17.948 min Scan# 2552
Delta R.T. -0.012 min
Lab File: BP025116.D
Acq: 14 Jul 2025 12:07

Tgt Ion:149 Resp: 477803
Ion Ratio Lower Upper
149 100
150 9.8 7.3 10.9
104 4.5 3.8 5.6





#75

Fluoranthene

Concen: 3.737 ng

RT: 19.042 min Scan# 21

Delta R.T. -0.023 min

Lab File: BP025116.D

Acq: 14 Jul 2025 12:07

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2025

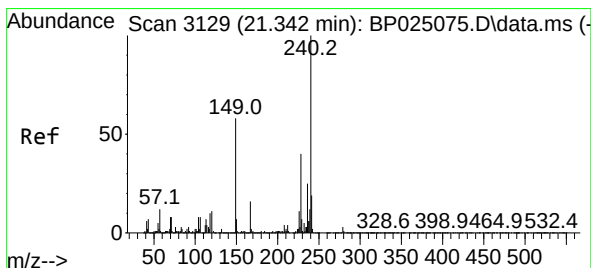
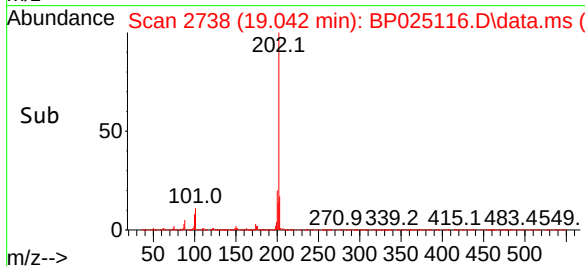
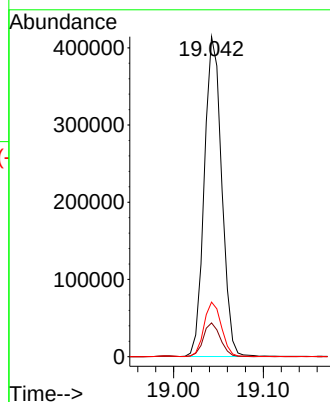
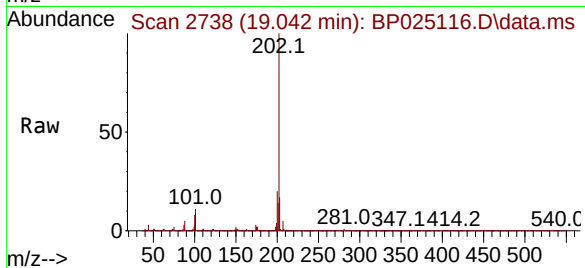
Tgt Ion:202 Resp: 557410

Ion Ratio Lower Upper

202 100

101 10.6 0.0 30.4

203 17.1 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.330 min Scan# 3127

Delta R.T. -0.012 min

Lab File: BP025116.D

Acq: 14 Jul 2025 12:07

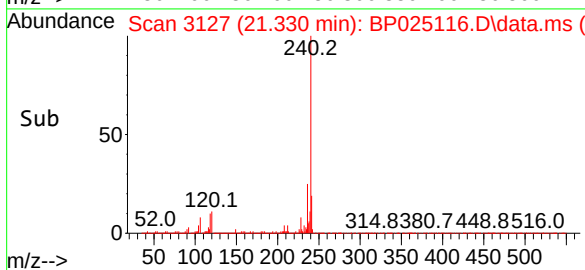
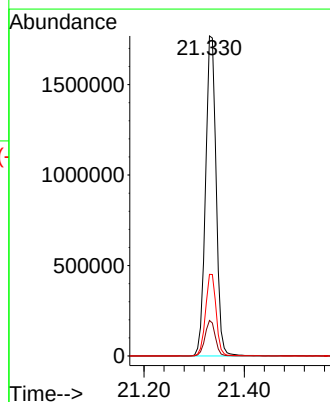
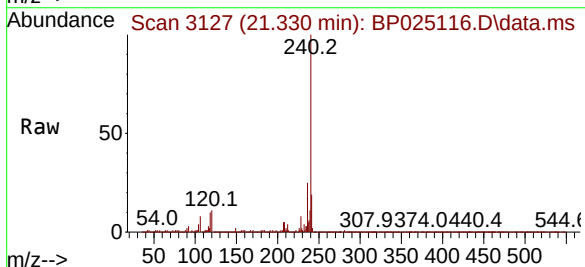
Tgt Ion:240 Resp: 2591131

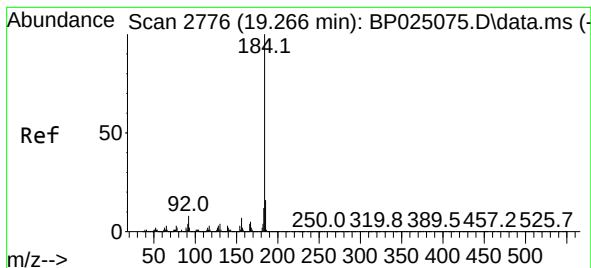
Ion Ratio Lower Upper

240 100

120 11.1 9.0 13.4

236 25.5 20.3 30.5





#77

Benzidine

Concen: 4.605 ng

RT: 19.248 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP025116.D

Acq: 14 Jul 2025 12:07

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2025

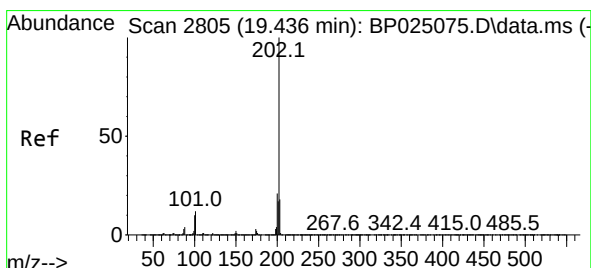
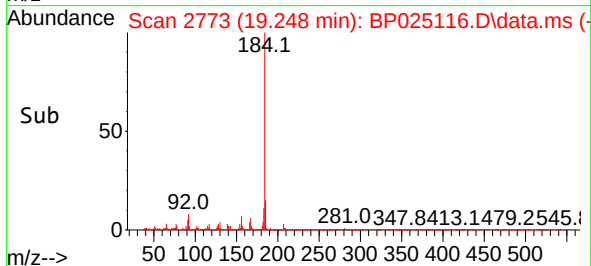
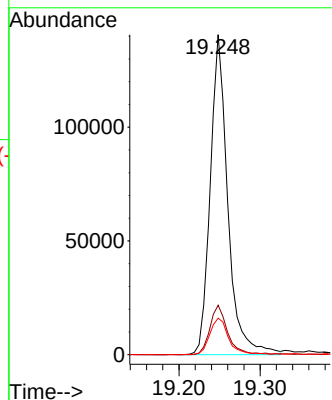
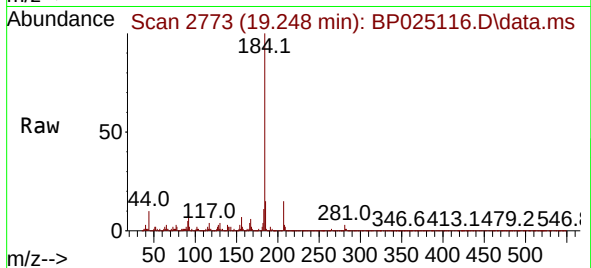
Tgt Ion:184 Resp: 210717

Ion Ratio Lower Upper

184 100

185 15.5 12.6 18.8

183 11.4 9.4 14.2



#78

Pyrene

Concen: 3.773 ng

RT: 19.419 min Scan# 2802

Delta R.T. -0.018 min

Lab File: BP025116.D

Acq: 14 Jul 2025 12:07

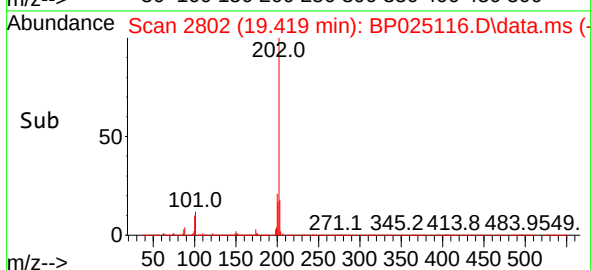
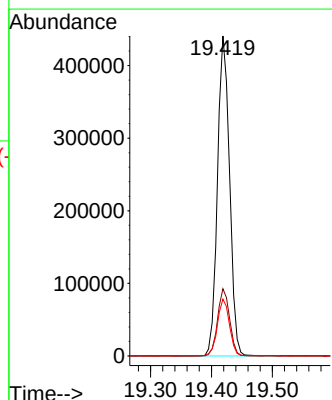
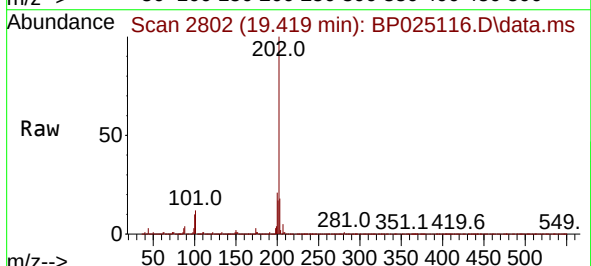
Tgt Ion:202 Resp: 605556

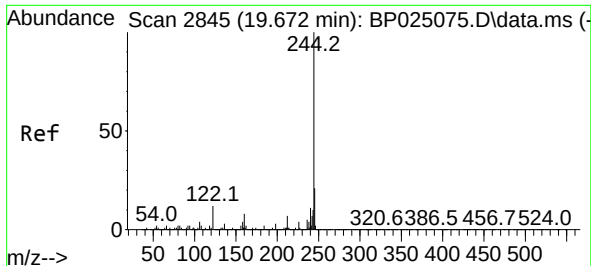
Ion Ratio Lower Upper

202 100

200 21.0 17.1 25.7

203 17.8 14.1 21.1

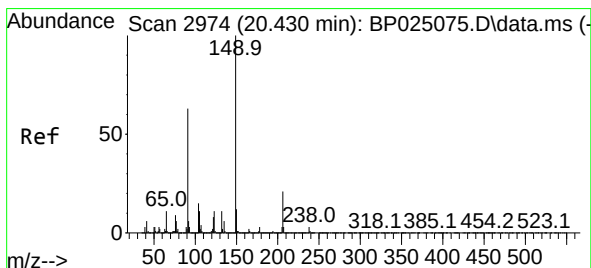
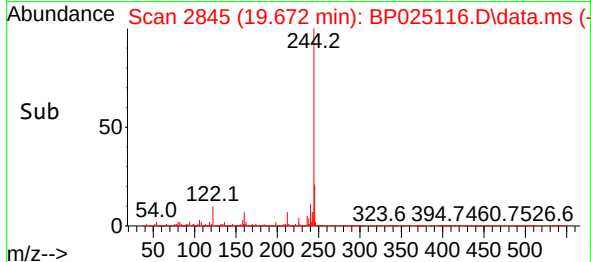
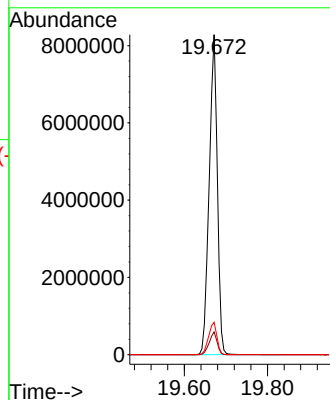
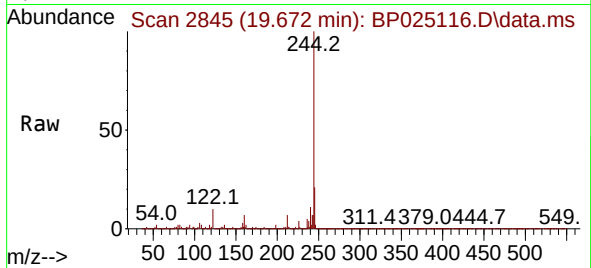




#79
 Terphenyl-d14
 Concen: 95.749 ng
 RT: 19.672 min Scan# 2845
 Delta R.T. 0.000 min
 Lab File: BP025116.D
 Acq: 14 Jul 2025 12:07

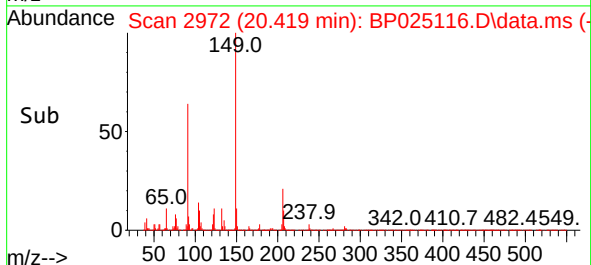
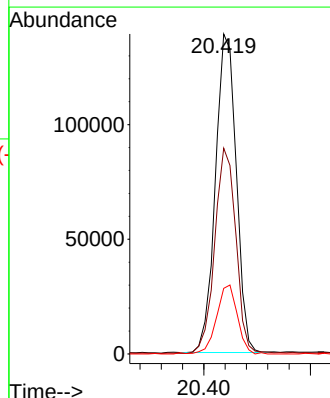
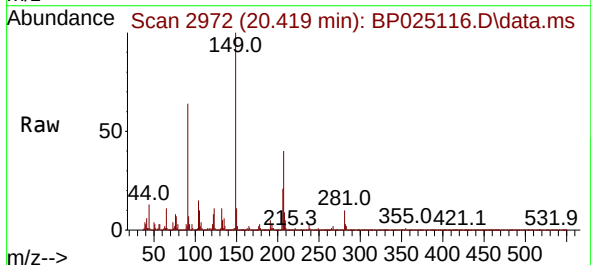
Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-03-QT2-2025

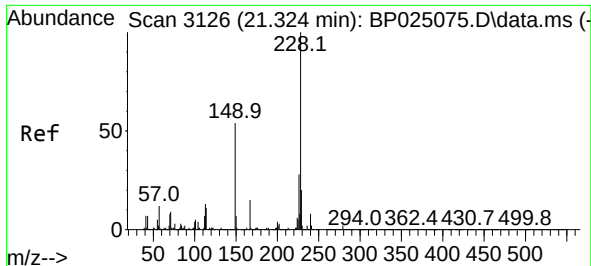
Tgt Ion:244 Resp:11288483
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 10.1 9.4 14.2



#80
 Butylbenzylphthalate
 Concen: 6.500 ng
 RT: 20.419 min Scan# 2972
 Delta R.T. -0.011 min
 Lab File: BP025116.D
 Acq: 14 Jul 2025 12:07

Tgt Ion:149 Resp: 188707
 Ion Ratio Lower Upper
 149 100
 91 64.3 50.6 76.0
 206 20.5 17.2 25.8

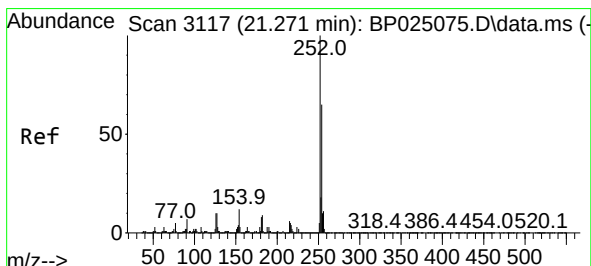
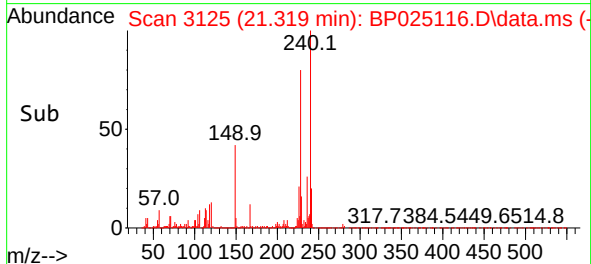
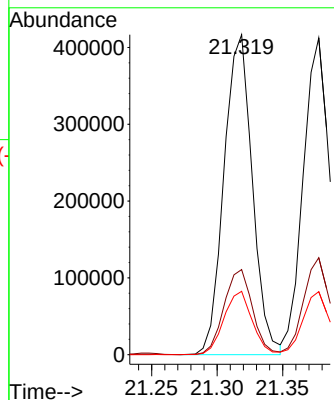
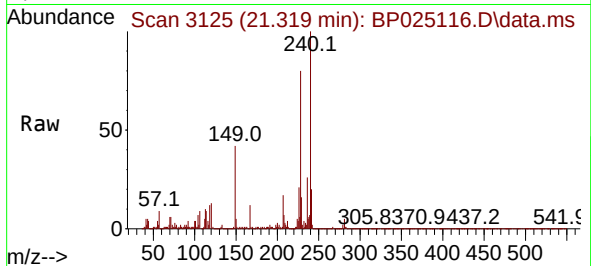




#81
Benzo(a)anthracene
Concen: 3.987 ng
RT: 21.319 min Scan# 3113
Delta R.T. -0.006 min
Lab File: BP025116.D
Acq: 14 Jul 2025 12:07

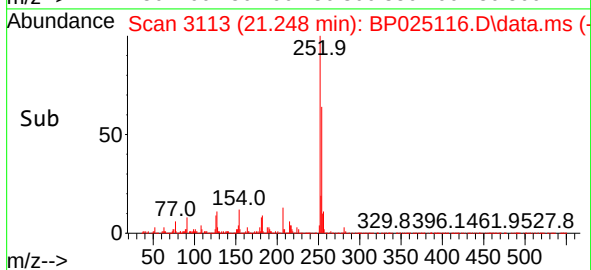
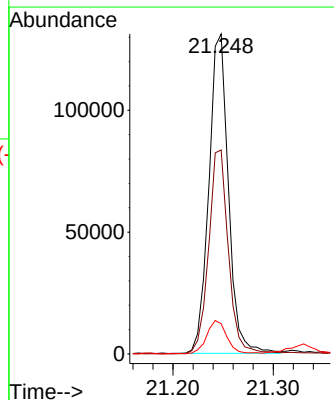
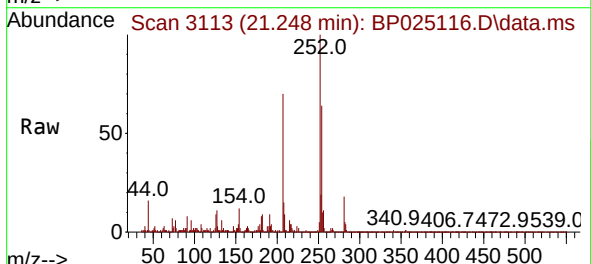
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2025

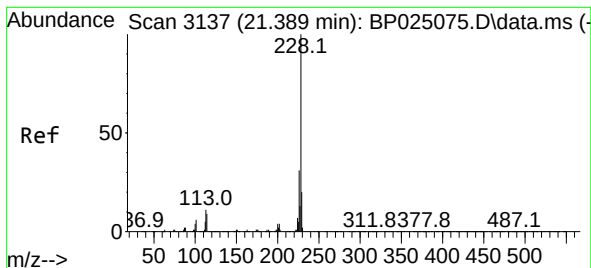
Tgt Ion:228 Resp: 626062
Ion Ratio Lower Upper
228 100
226 26.6 22.1 33.1
229 19.8 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 3.767 ng
RT: 21.248 min Scan# 3113
Delta R.T. -0.023 min
Lab File: BP025116.D
Acq: 14 Jul 2025 12:07

Tgt Ion:252 Resp: 178066
Ion Ratio Lower Upper
252 100
254 63.7 51.9 77.9
126 9.5 8.1 12.1





#83

Chrysene

Concen: 3.939 ng

RT: 21.377 min Scan# 3135

Delta R.T. -0.012 min

Lab File: BP025116.D

Acq: 14 Jul 2025 12:07

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2025

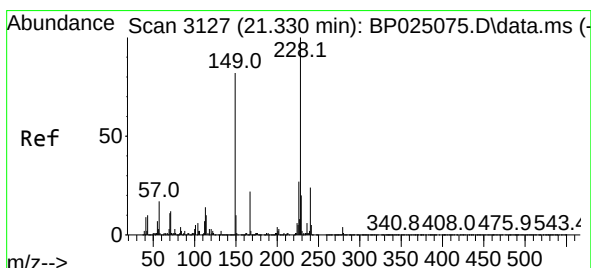
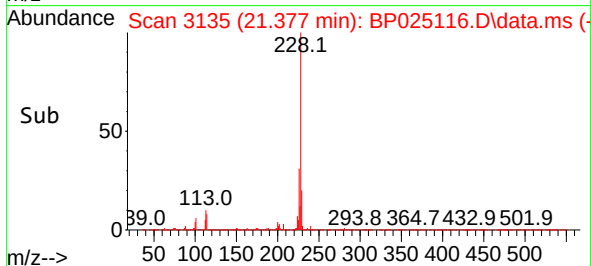
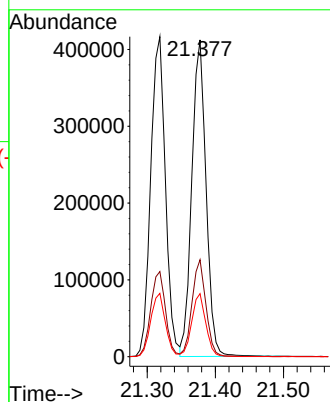
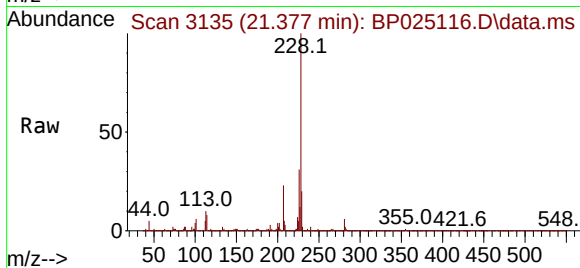
Tgt Ion:228 Resp: 595285

Ion Ratio Lower Upper

228 100

226 30.6 24.4 36.6

229 19.9 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.559 ng

RT: 21.313 min Scan# 3124

Delta R.T. -0.017 min

Lab File: BP025116.D

Acq: 14 Jul 2025 12:07

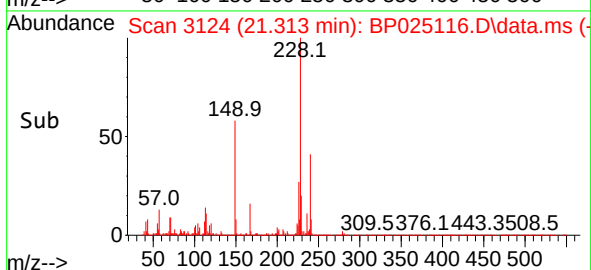
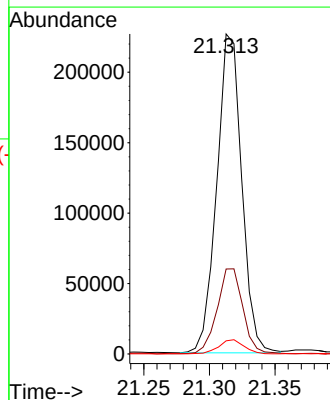
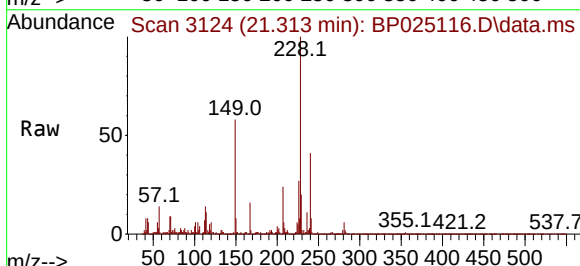
Tgt Ion:149 Resp: 299748

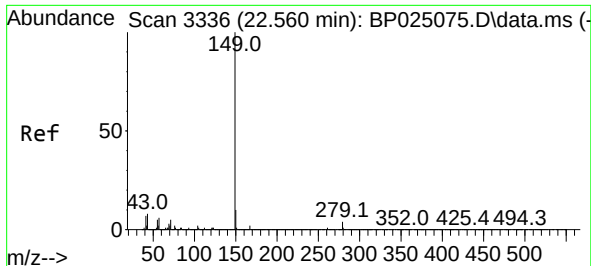
Ion Ratio Lower Upper

149 100

167 26.5 21.9 32.9

279 4.1 3.5 5.3

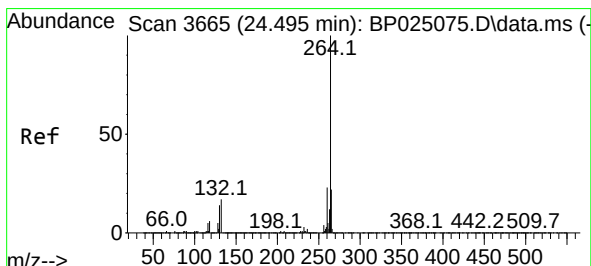
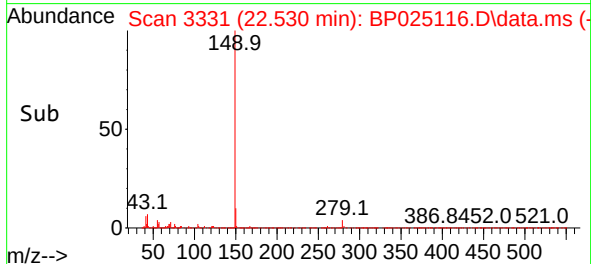
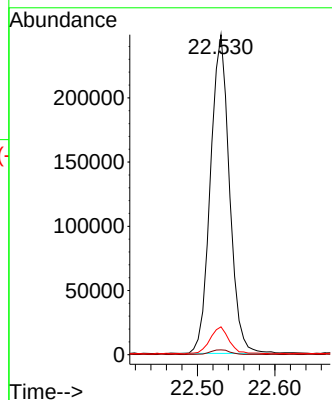
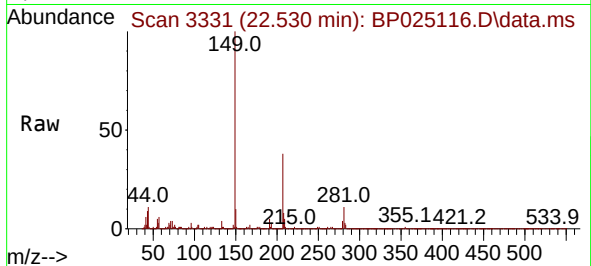




#85
Di-n-octyl phthalate
Concen: 8.497 ng
RT: 22.530 min Scan# 31
Delta R.T. -0.030 min
Lab File: BP025116.D
Acq: 14 Jul 2025 12:07

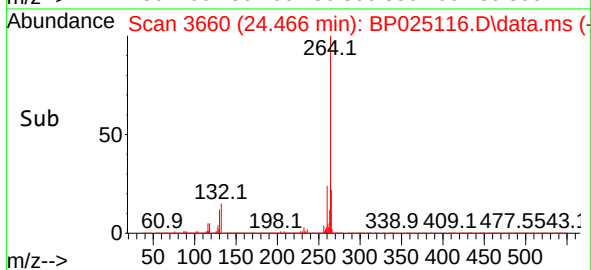
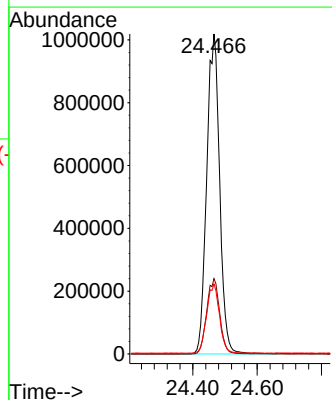
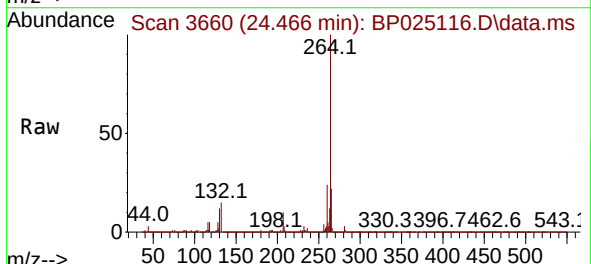
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2025

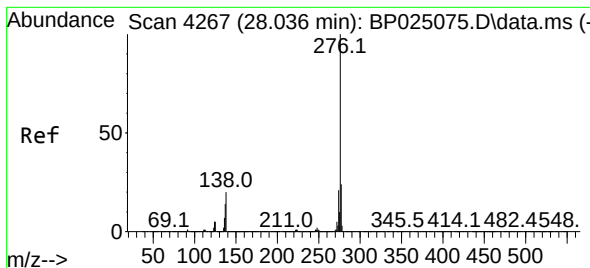
Tgt Ion:149 Resp: 424243
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 8.4 6.9 10.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.466 min Scan# 3660
Delta R.T. -0.029 min
Lab File: BP025116.D
Acq: 14 Jul 2025 12:07

Tgt Ion:264 Resp: 2833269
Ion Ratio Lower Upper
264 100
260 23.5 18.6 28.0
265 21.9 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.280 ng

RT: 27.983 min Scan# 41

Delta R.T. -0.053 min

Lab File: BP025116.D

Acq: 14 Jul 2025 12:07

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2025

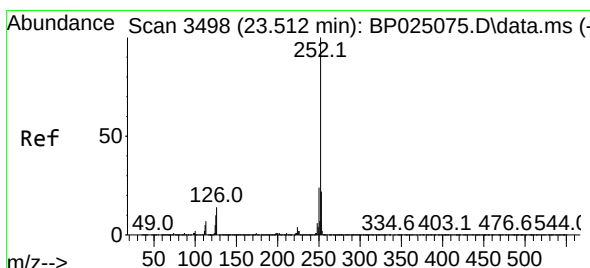
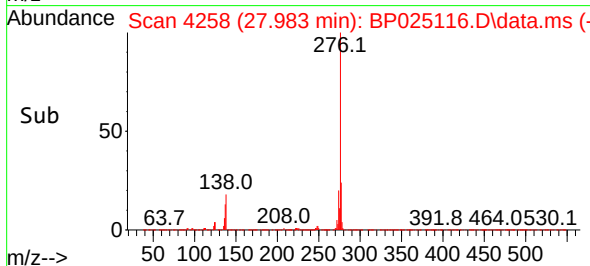
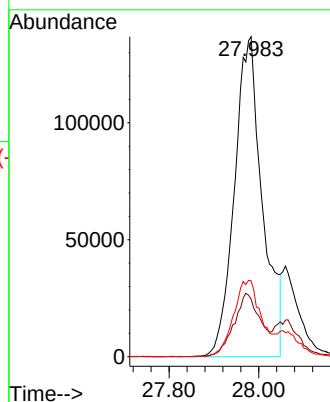
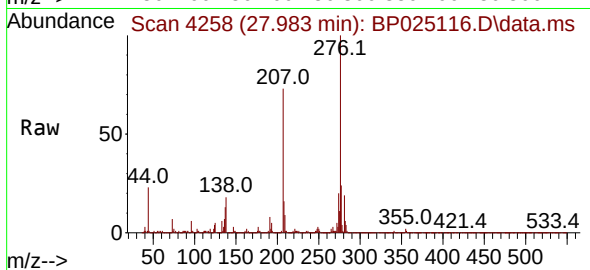
Tgt Ion:276 Resp: 592033

Ion Ratio Lower Upper

276 100

138 18.7 13.0 19.6

277 23.4 15.9 23.9



#88

Benzo(b)fluoranthene

Concen: 3.658 ng

RT: 23.477 min Scan# 3492

Delta R.T. -0.035 min

Lab File: BP025116.D

Acq: 14 Jul 2025 12:07

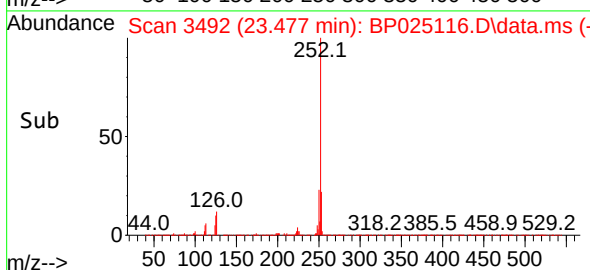
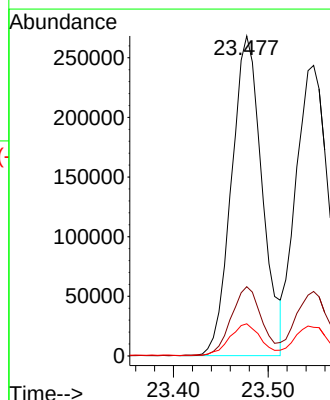
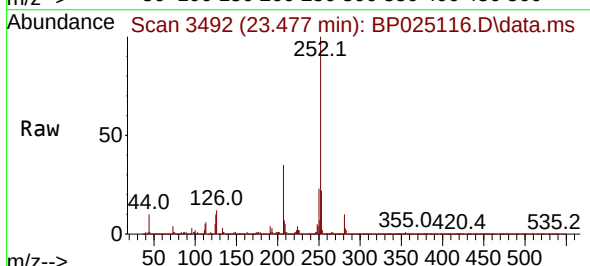
Tgt Ion:252 Resp: 603203

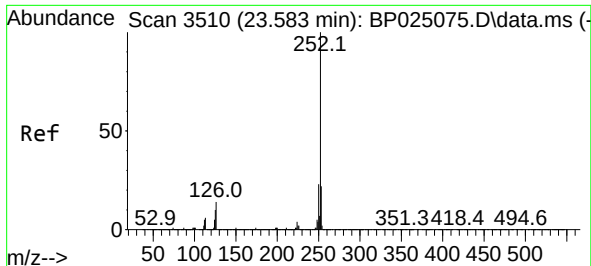
Ion Ratio Lower Upper

252 100

253 21.6 17.7 26.5

125 10.1 8.1 12.1

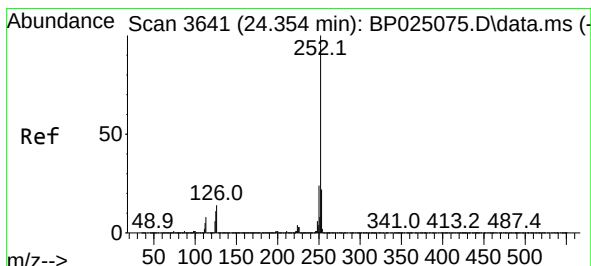
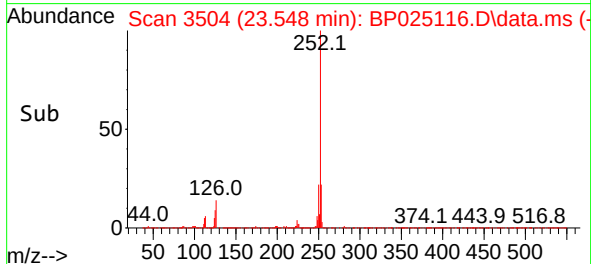
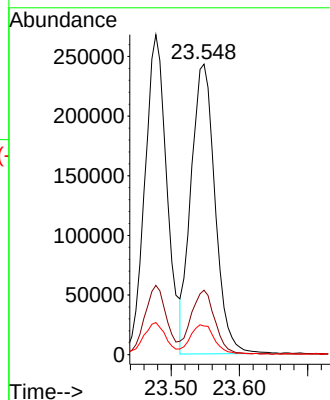
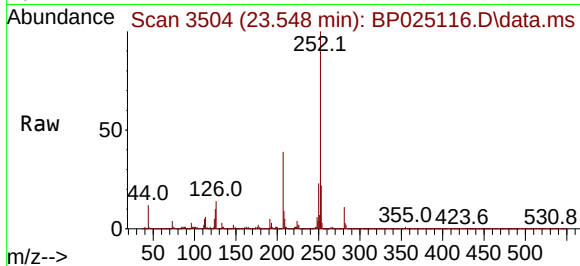




#89
Benzo(k)fluoranthene
Concen: 3.614 ng
RT: 23.548 min Scan# 31
Delta R.T. -0.035 min
Lab File: BP025116.D
Acq: 14 Jul 2025 12:07

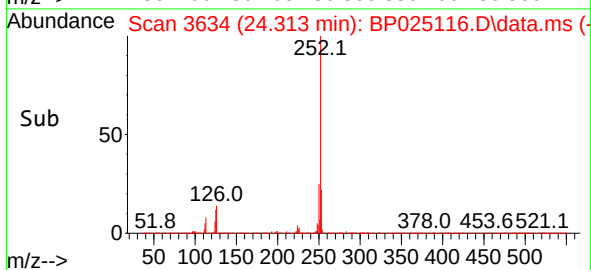
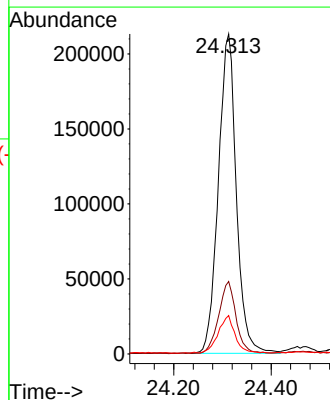
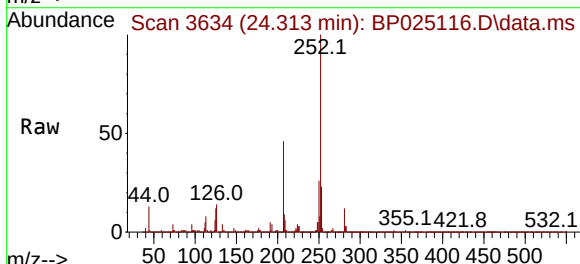
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2025

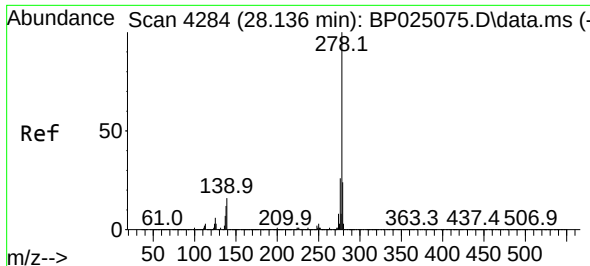
Tgt Ion:252 Resp: 593082
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 9.8 8.2 12.2



#90
Benzo(a)pyrene
Concen: 3.896 ng
RT: 24.313 min Scan# 3634
Delta R.T. -0.041 min
Lab File: BP025116.D
Acq: 14 Jul 2025 12:07

Tgt Ion:252 Resp: 546892
Ion Ratio Lower Upper
252 100
253 22.6 17.6 26.4
125 12.0 9.0 13.4

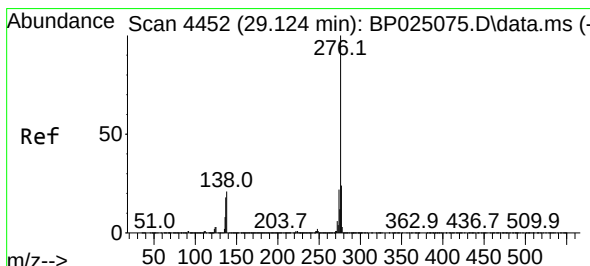
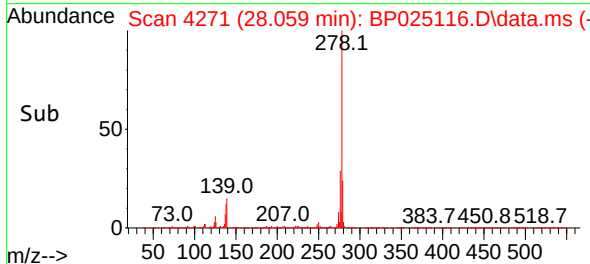
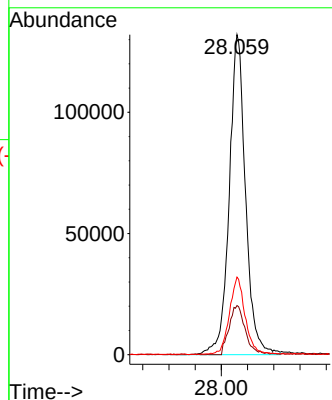
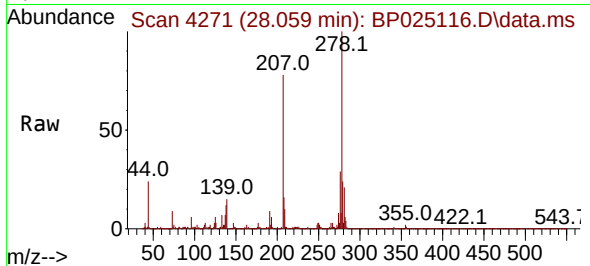




#91
Dibenzo(a,h)anthracene
Concen: 3.821 ng
RT: 28.059 min Scan# 41
Delta R.T. -0.076 min
Lab File: BP025116.D
Acq: 14 Jul 2025 12:07

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2025

Tgt Ion:278 Resp: 570091
Ion Ratio Lower Upper
278 100
139 15.4 13.1 19.7
279 24.2 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 3.794 ng
RT: 29.065 min Scan# 4442
Delta R.T. -0.059 min
Lab File: BP025116.D
Acq: 14 Jul 2025 12:07

Tgt Ion:276 Resp: 584767
Ion Ratio Lower Upper
276 100
277 23.4 19.3 28.9
138 19.4 16.9 25.3

