

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE103024\
 Data File : BE101421.D
 Acq On : 30 Oct 2024 12:58
 Operator : RC/JU
 Sample : P4368-09
 Misc : MDL-MDL-WATER 8 PPM
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MDL-WATER-03-QT4-2024

Quant Time: Oct 30 13:54:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE102824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 29 01:26:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.569	152	173051	20.000	ng	0.00
21) Naphthalene-d8	10.337	136	861493	20.000	ng	0.00
39) Acenaphthene-d10	14.179	164	625958	20.000	ng	0.00
64) Phenanthrene-d10	16.917	188	1414297	20.000	ng	0.00
76) Chrysene-d12	21.077	240	1568221	20.000	ng	0.00
86) Perylene-d12	23.363	264	1897526	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.313	112	1184363	119.953	ng	0.00
7) Phenol-d6	6.947	99	1712431	125.080	ng	0.00
23) Nitrobenzene-d5	8.786	82	1261492	91.972	ng	0.00
42) 2,4,6-Tribromophenol	15.689	330	1403901	127.964	ng	0.00
45) 2-Fluorobiphenyl	12.805	172	3166293	85.664	ng	0.00
79) Terphenyl-d14	19.514	244	4674866	68.609	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.216	88	28630	7.774	ng	94
3) Pyridine	3.715	79	70186	6.736	ng	96
4) n-Nitrosodimethylamine	3.592	42	32574	8.080	ng	# 92
6) Aniline	7.017	93	121140	11.546	ng	100
8) 2-Chlorophenol	7.217	128	101355	8.559	ng	97
9) Benzaldehyde	6.782	77	77988	11.800	ng	97
10) Phenol	6.970	94	114677	7.720	ng	94
11) bis(2-Chloroethyl)ether	7.017	93	121140	9.941	ng	# 31
12) 1,3-Dichlorobenzene	7.458	146	104892	8.214	ng	98
13) 1,4-Dichlorobenzene	7.605	146	108018	8.284	ng	98
14) 1,2-Dichlorobenzene	7.934	146	106533	8.346	ng	97
15) Benzyl Alcohol	7.910	79	84181	10.315	ng	87
16) 2,2'-oxybis(1-Chloropr...	8.069	45	143276	9.343	ng	99
17) 2-Methylphenol	8.151	107	77595	7.718	ng	99
18) Hexachloroethane	8.627	117	34155	8.021	ng	96
19) n-Nitroso-di-n-propyla...	8.374	70	82020	9.028	ng	98
20) 3+4-Methylphenols	8.492	107	107245	7.728	ng	97
22) Acetophenone	8.421	105	167702	8.573	ng	# 98
24) Nitrobenzene	8.821	77	120658	8.265	ng	99
25) Isophorone	9.273	82	229583	8.578	ng	100
26) 2-Nitrophenol	9.508	139	57815	8.194	ng	96
27) 2,4-Dimethylphenol	9.626	122	48158	5.424	ng	97
28) bis(2-Chloroethoxy)met...	9.773	93	138383	8.525	ng	100
29) 2,4-Dichlorophenol	10.055	162	96843	7.884	ng	99
30) 1,2,4-Trichlorobenzene	10.184	180	108020	8.073	ng	99
31) Naphthalene	10.384	128	361923	8.244	ng	99
32) Benzoic acid	9.826	122	26727	10.641	ng	95
33) 4-Chloroaniline	10.613	127	141782	9.288	ng	99
34) Hexachlorobutadiene	10.636	225	62299	7.866	ng	99
35) Caprolactam	11.383	113	34676	7.365	ng	97
36) 4-Chloro-3-methylphenol	11.782	107	106706	7.630	ng	99
37) 2-Methylnaphthalene	11.976	142	260208	8.227	ng	99
38) 1-Methylnaphthalene	12.199	142	245021	7.762	ng	100
40) 1,2,4,5-Tetrachloroben...	12.329	216	131933	8.396	ng	100
41) Hexachlorocyclopentadiene	12.317	237	25359	4.886	ng	96
43) 2,4,6-Trichlorophenol	12.652	196	86202	7.957	ng	98

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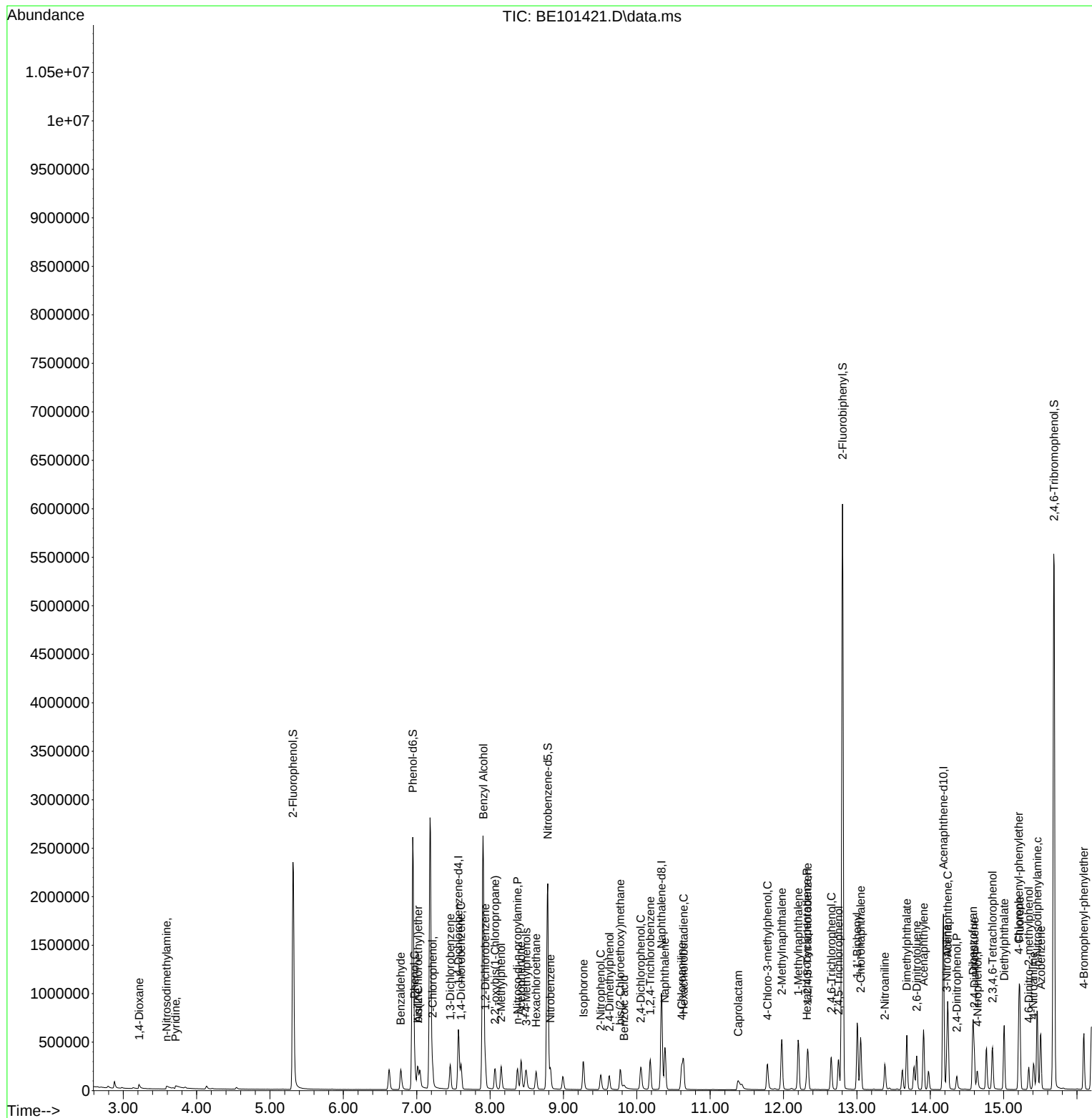
Quant Time: Oct 30 13:54:27 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.752	196	95876	7.729	ng	99
46) 1,1'-Biphenyl	13.004	154	371373	8.660	ng	100
47) 2-Chloronaphthalene	13.051	162	273668	8.077	ng	99
48) 2-Nitroaniline	13.380	65	72257	7.924	ng	94
49) Acenaphthylene	13.909	152	447919	8.939	ng	100
50) Dimethylphthalate	13.680	163	370006	8.374	ng	99
51) 2,6-Dinitrotoluene	13.815	165	77826	7.629	ng	98
52) Acenaphthene	14.238	154	267102	8.164	ng	99
53) 3-Nitroaniline	14.226	138	81382	8.023	ng	99
54) 2,4-Dinitrophenol	14.362	184	33991	9.977	ng	99
55) Dibenzofuran	14.585	168	440633	8.450	ng	96
56) 4-Nitrophenol	14.644	139	64392	6.932	ng	97
57) 2,4-Dinitrotoluene	14.602	165	102363	7.289	ng	# 94
58) Fluorene	15.219	166	361028	8.276	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.849	232	94643	8.257	ng	99
60) Diethylphthalate	15.008	149	380169	8.226	ng	99
61) 4-Chlorophenyl-phenyle...	15.208	204	175965	8.129	ng	99
62) 4-Nitroaniline	15.407	138	84539	7.490	ng	97
63) Azobenzene	15.507	77	335969	8.457	ng	100
65) 4,6-Dinitro-2-methylph...	15.343	198	53817	6.476	ng	94
66) n-Nitrosodiphenylamine	15.460	169	319080	8.508	ng	98
67) 4-Bromophenyl-phenylether	16.095	248	122976	8.266	ng	97
68) Hexachlorobenzene	16.201	284	155173	7.957	ng	97
69) Atrazine	16.389	200	118057	10.267	ng	99
70) Pentachlorophenol	16.606	266	79046	7.042	ng	98
71) Phenanthrene	16.953	178	598712	8.842	ng	98
72) Anthracene	17.041	178	553351	8.369	ng	97
73) Carbazole	17.370	167	564645	8.346	ng	98
74) Di-n-butylphthalate	17.822	149	668186	8.971	ng	97
75) Fluoranthene	18.956	202	716842	8.716	ng	97
77) Benzidine	19.215	184	209796	10.541	ng	99
78) Pyrene	19.326	202	762072	8.837	ng	96
80) Butylbenzylphthalate	20.178	149	332749	8.801	ng	98
81) Benzo(a)anthracene	21.054	228	821327	9.318	ng	96
82) 3,3'-Dichlorobenzidine	21.030	252	303031	8.776	ng	100
83) Chrysene	21.107	228	789735	9.267	ng	93
84) Bis(2-ethylhexyl)phtha...	20.883	149	458354	9.126	ng	96
85) Di-n-octyl phthalate	21.729	149	781966	9.486	ng	100
87) Indeno(1,2,3-cd)pyrene	25.666	276	1121258	8.829	ng	100
88) Benzo(b)fluoranthene	22.646	252	870185	8.800	ng	98
89) Benzo(k)fluoranthene	22.693	252	869558	9.412	ng	97
90) Benzo(a)pyrene	23.245	252	798264	9.230	ng	98
91) Dibenzo(a,h)anthracene	25.666	278	935888	8.919	ng	99
92) Benzo(g,h,i)perylene	26.412	276	864788	7.999	ng	99

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

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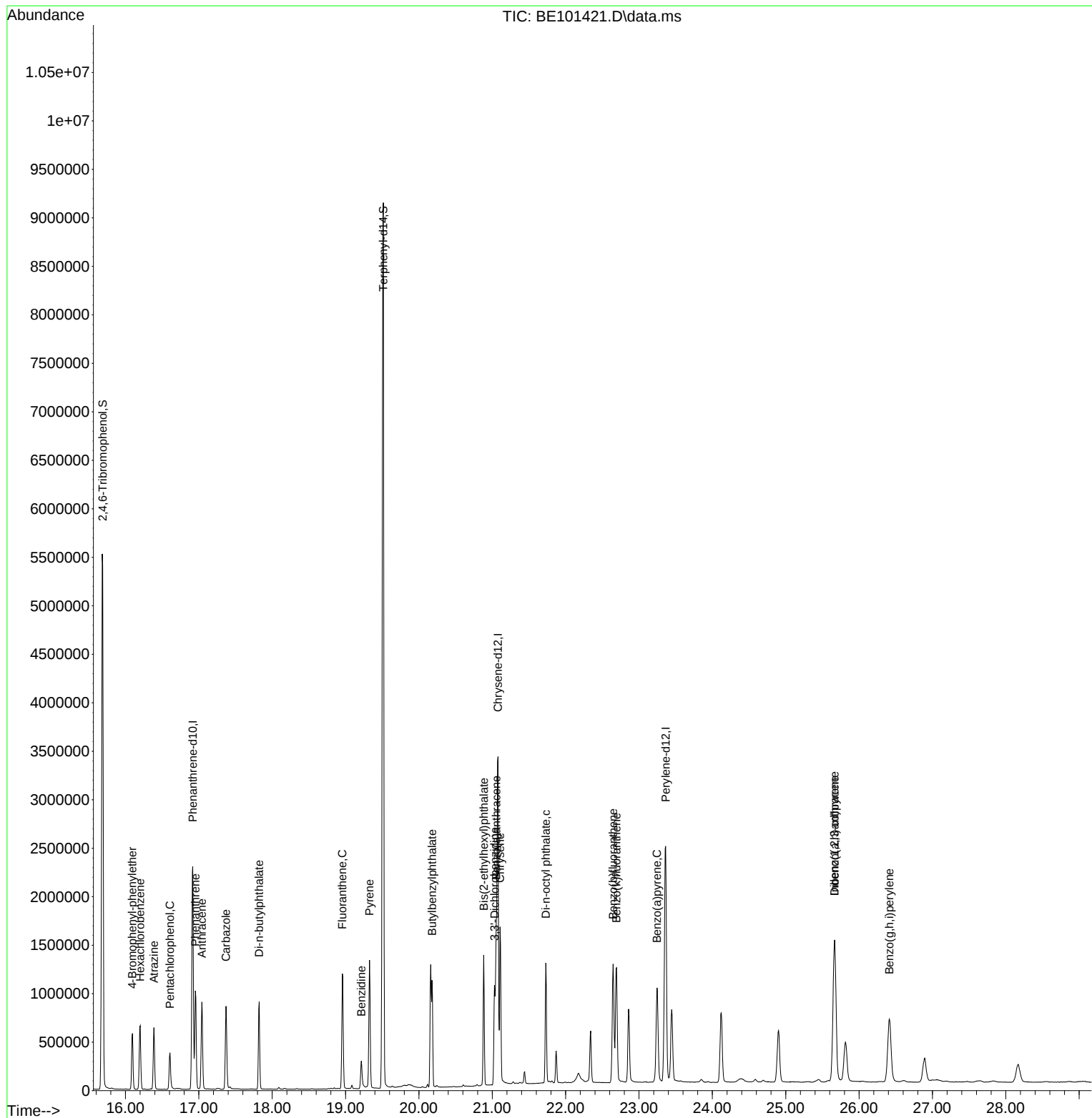
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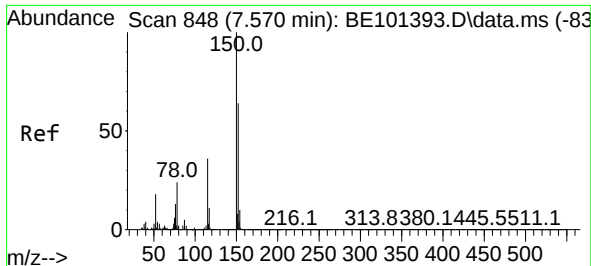


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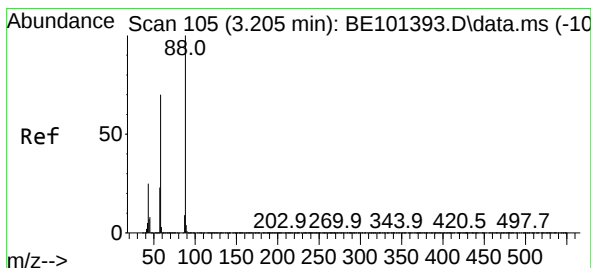
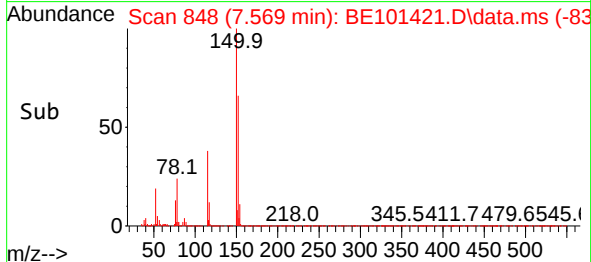
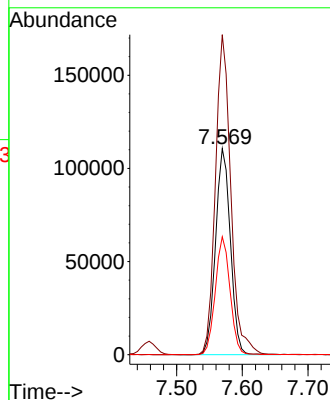
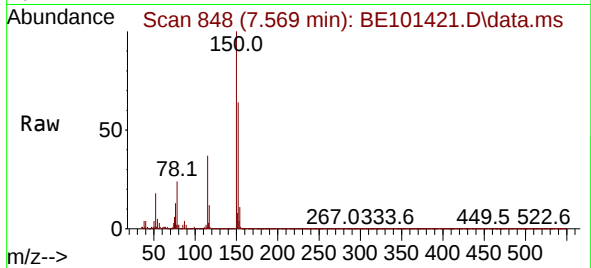




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.569 min Scan# 84
Delta R.T. -0.001 min
Lab File: BE101421.D
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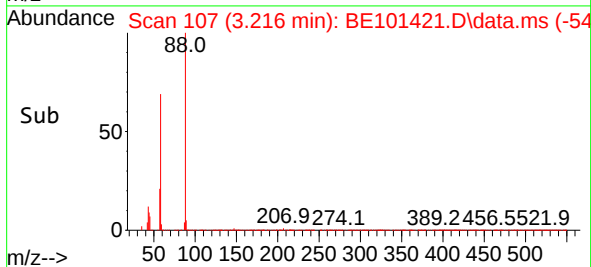
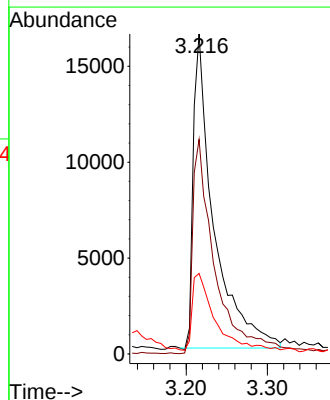
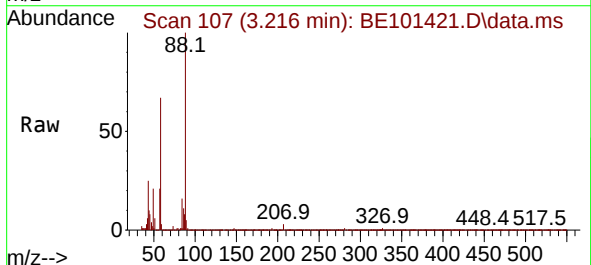
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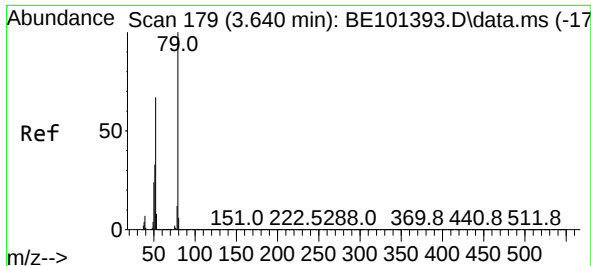
Tgt Ion:152 Resp: 173051
Ion Ratio Lower Upper
152 100
150 155.2 124.2 186.4
115 57.2 45.3 67.9



#2
1,4-Dioxane
Concen: 7.774 ng
RT: 3.216 min Scan# 107
Delta R.T. 0.011 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

Tgt Ion: 88 Resp: 28630
Ion Ratio Lower Upper
88 100
58 75.1 56.5 84.7
43 28.1 19.8 29.8

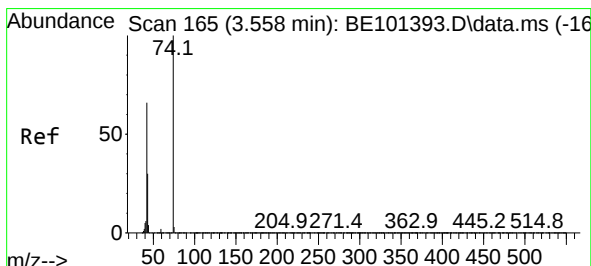
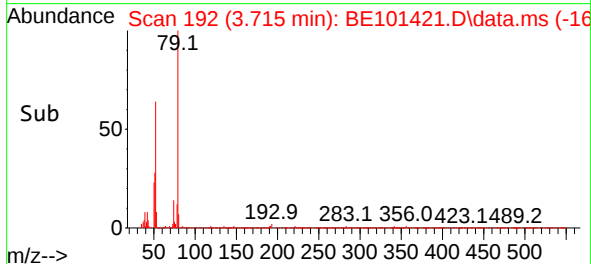
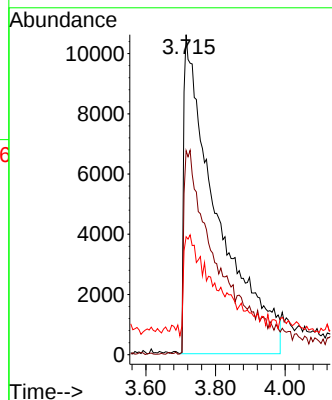
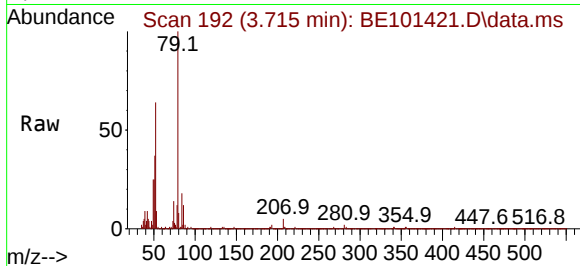




#3
Pyridine
Concen: 6.736 ng
RT: 3.715 min Scan# 11
Delta R.T. 0.075 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

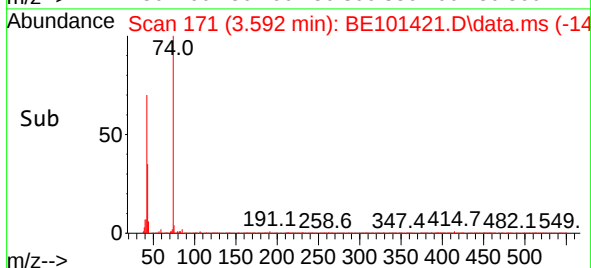
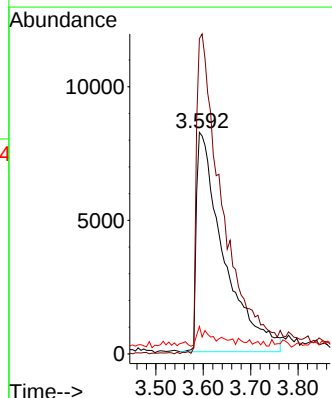
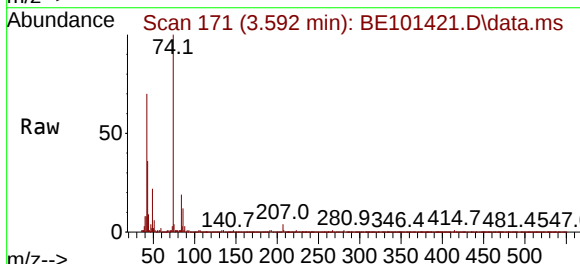
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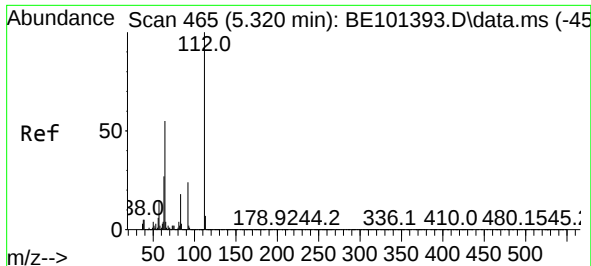
Tgt Ion: 79 Resp: 70186
Ion Ratio Lower Upper
79 100
52 63.8 53.3 79.9
51 36.8 27.3 40.9



#4
n-Nitrosodimethylamine
Concen: 8.080 ng
RT: 3.592 min Scan# 171
Delta R.T. 0.034 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

Tgt Ion: 42 Resp: 32574
Ion Ratio Lower Upper
42 100
74 142.4 121.4 182.0
44 12.5 5.6 8.4

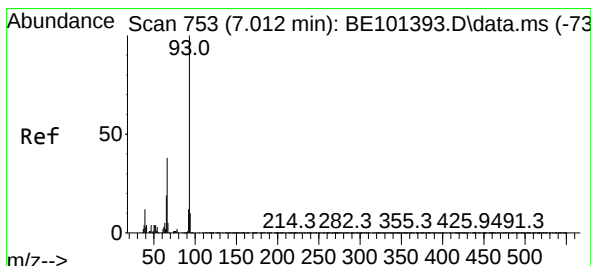
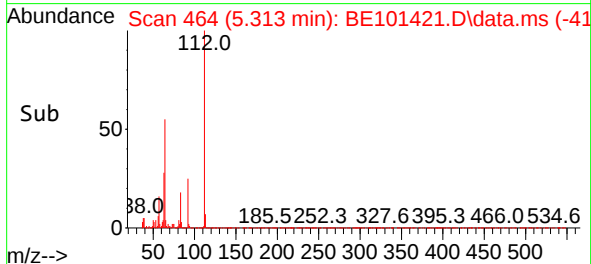
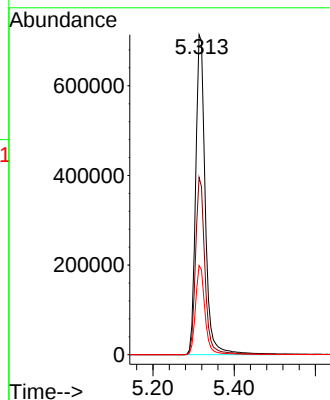
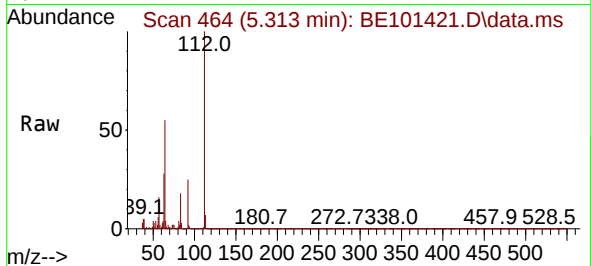




#5
2-Fluorophenol
Concen: 119.953 ng
RT: 5.313 min Scan# 41
Delta R.T. -0.007 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

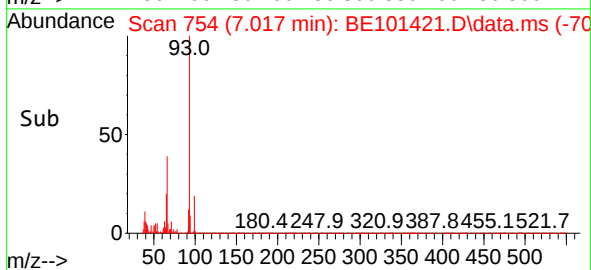
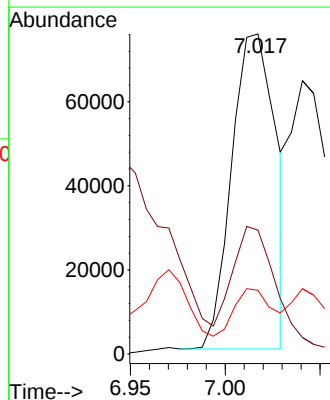
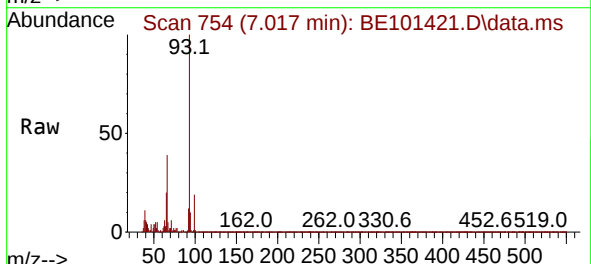
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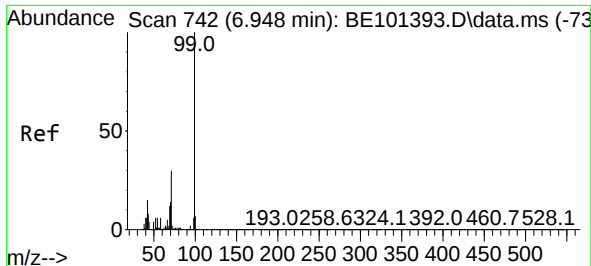
Tgt Ion:112 Resp: 1184363
Ion Ratio Lower Upper
112 100
64 55.4 43.7 65.5
63 27.9 21.4 32.2



#6
Aniline
Concen: 11.546 ng
RT: 7.017 min Scan# 754
Delta R.T. 0.005 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

Tgt Ion: 93 Resp: 121140
Ion Ratio Lower Upper
93 100
66 38.7 31.0 46.4
65 19.9 15.5 23.3





#7

Phenol-d6

Concen: 125.080 ng

RT: 6.947 min Scan# 742

Delta R.T. -0.001 min

Lab File: BE101421.D

Acq: 30 Oct 2024 12:58

Instrument :

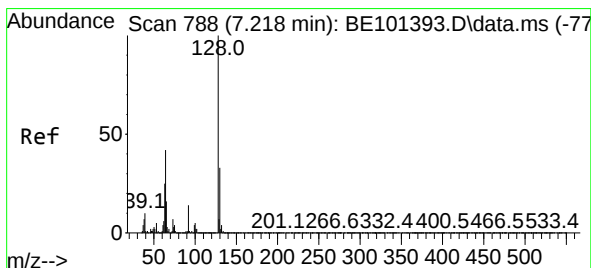
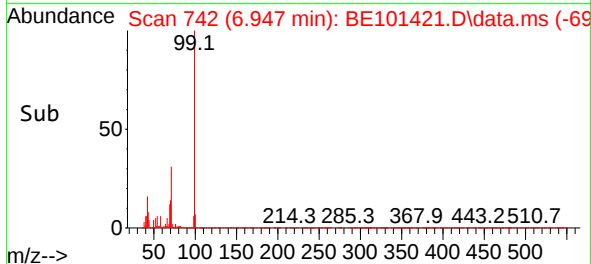
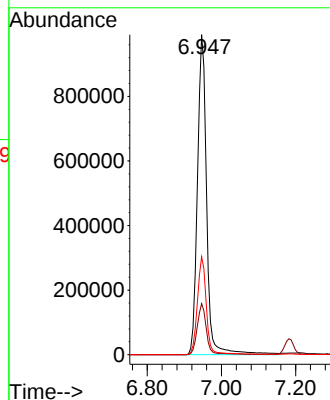
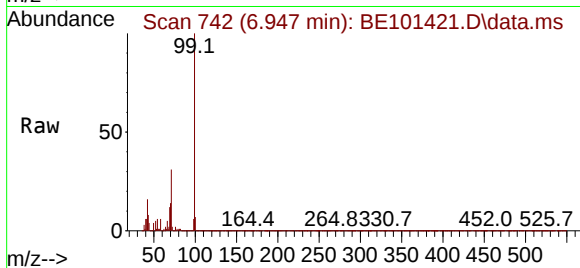
BNA_E

ClientSampleId :

MDL-WATER-03-QT4-2024

Tgt Ion: 99 Resp: 1712431

Ion	Ratio	Lower	Upper
99	100		
42	16.0	12.3	18.5
71	30.6	23.8	35.8



#8

2-Chlorophenol

Concen: 8.559 ng

RT: 7.217 min Scan# 788

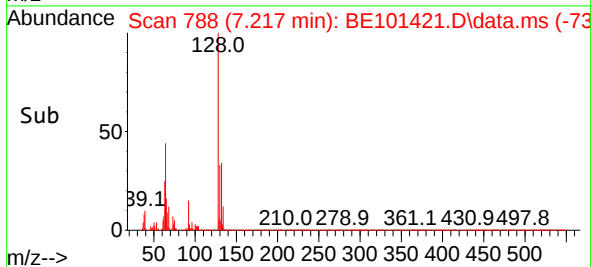
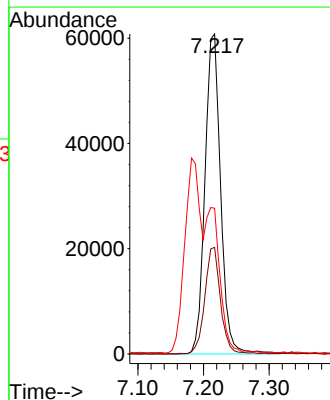
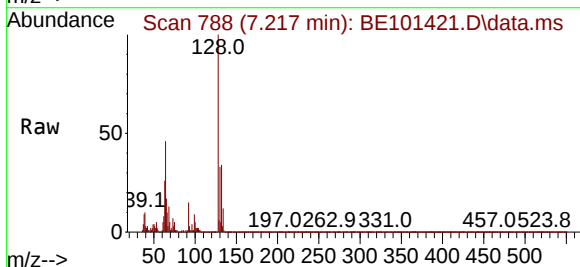
Delta R.T. -0.001 min

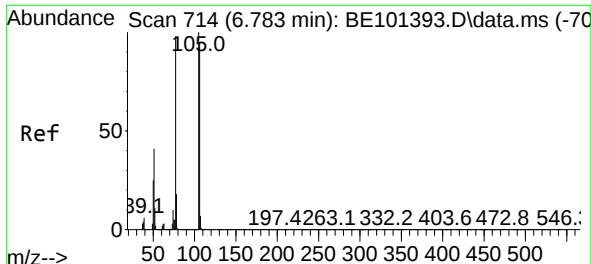
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Tgt Ion:128 Resp: 101355

Ion	Ratio	Lower	Upper
128	100		
130	33.3	12.9	52.9
64	45.5	22.3	62.3

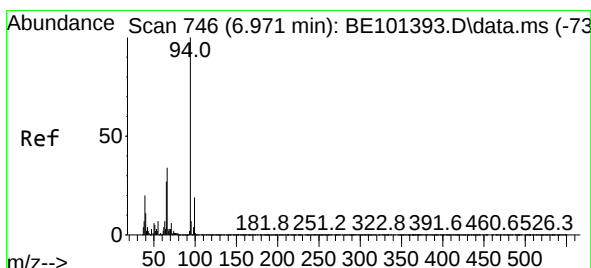
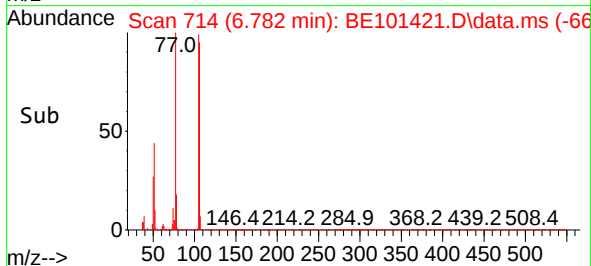
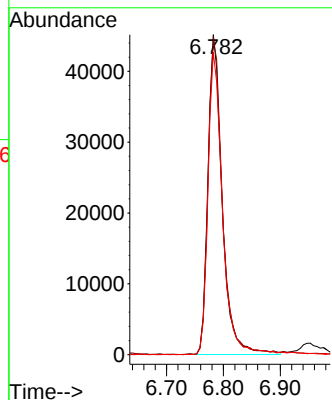
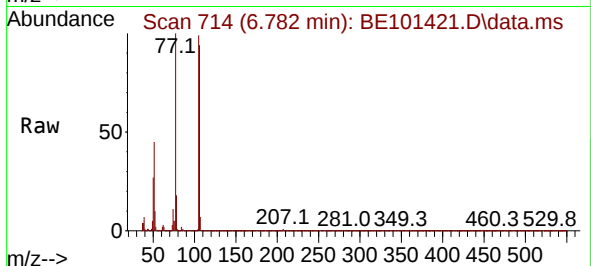




#9
Benzaldehyde
Concen: 11.800 ng
RT: 6.782 min Scan# 714
Delta R.T. -0.001 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

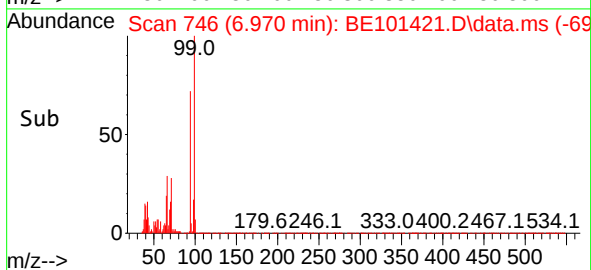
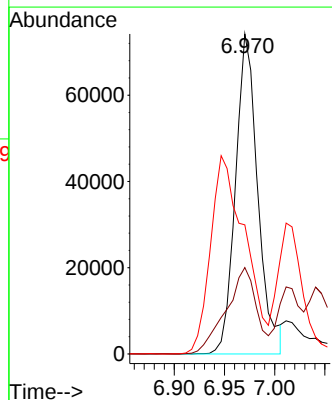
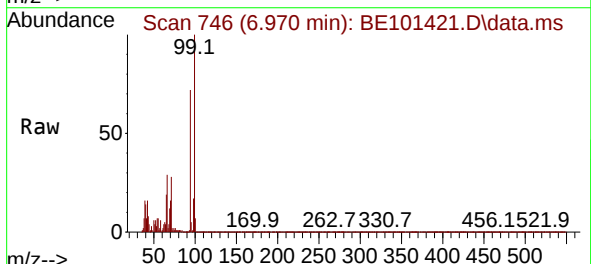
Instrument :
BNA_E
ClientSampleId :
MDL-WATER-03-QT4-2024

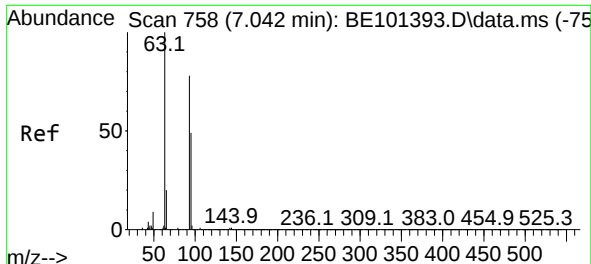
Tgt Ion:	77	Resp:	77988
Ion	Ratio	Lower	Upper
77	100		
105	98.7	81.9	121.9
106	94.5	76.5	116.5



#10
Phenol
Concen: 7.720 ng
RT: 6.970 min Scan# 746
Delta R.T. -0.001 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

Tgt Ion:	94	Resp:	114677
Ion	Ratio	Lower	Upper
94	100		
65	27.0	6.8	46.8
66	40.4	14.0	54.0

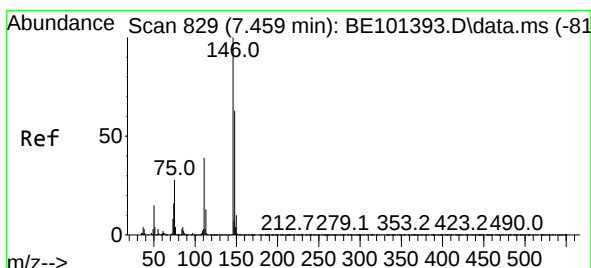
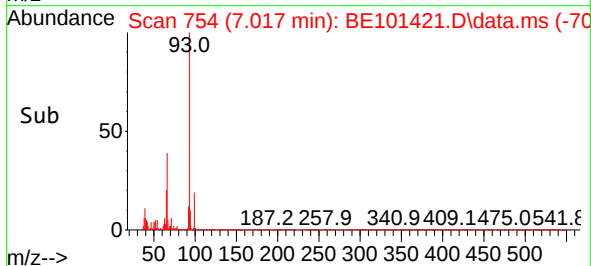
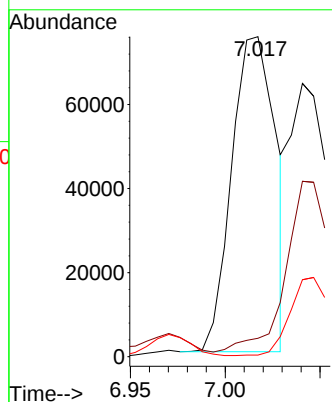
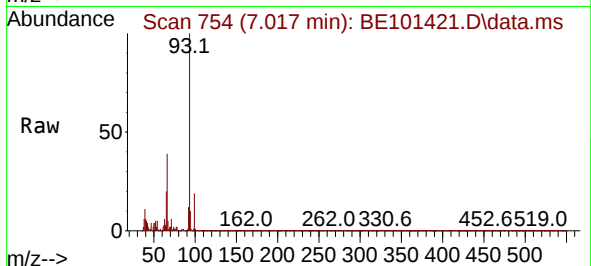




#11
bis(2-Chloroethyl)ether
Concen: 9.941 ng
RT: 7.017 min Scan# 758
Delta R.T. -0.025 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

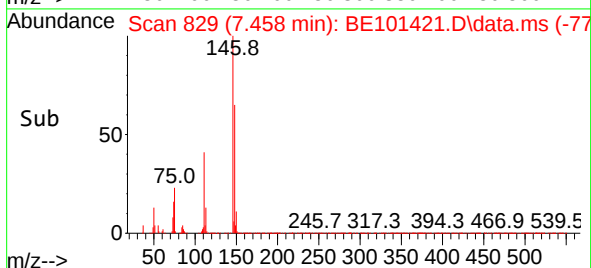
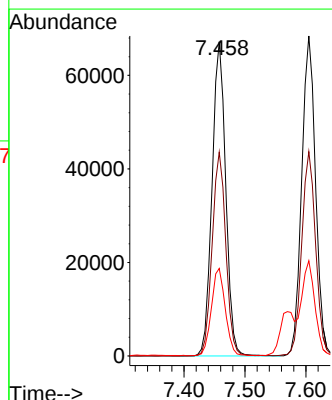
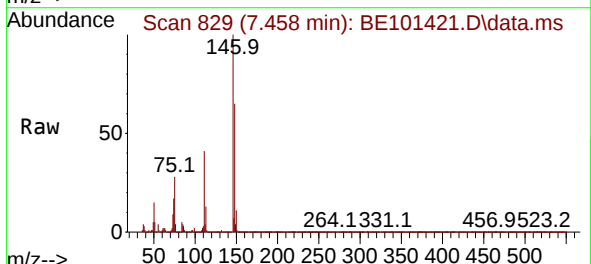
Instrument : BNA_E
ClientSampleId : MDL-WATER-03-QT4-2024

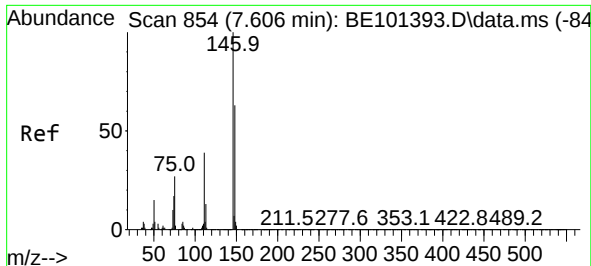
Tgt Ion: 93 Resp: 121140
Ion Ratio Lower Upper
93 100
63 5.7 46.3 86.3#
95 0.5 9.6 49.6#



#12
1,3-Dichlorobenzene
Concen: 8.214 ng
RT: 7.458 min Scan# 829
Delta R.T. -0.001 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

Tgt Ion:146 Resp: 104892
Ion Ratio Lower Upper
146 100
148 64.9 50.5 75.7
75 27.9 22.0 33.0

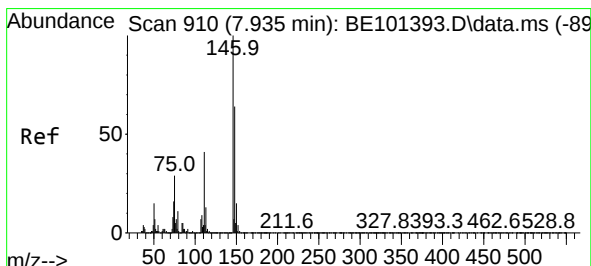
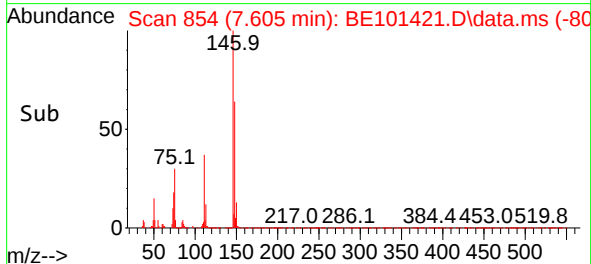
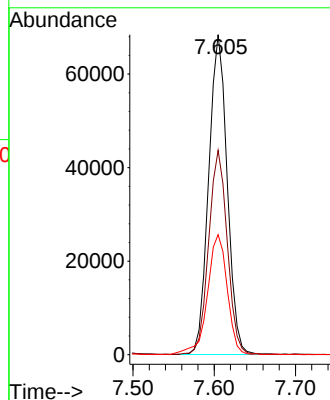
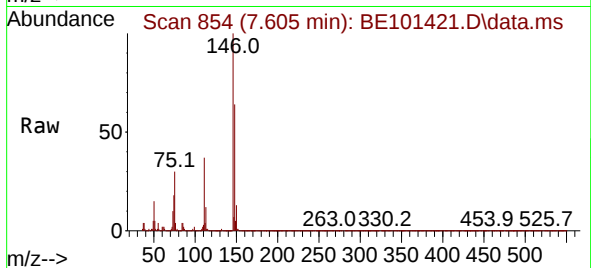




#13
1,4-Dichlorobenzene
Concen: 8.284 ng
RT: 7.605 min Scan# 811
Delta R.T. -0.001 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

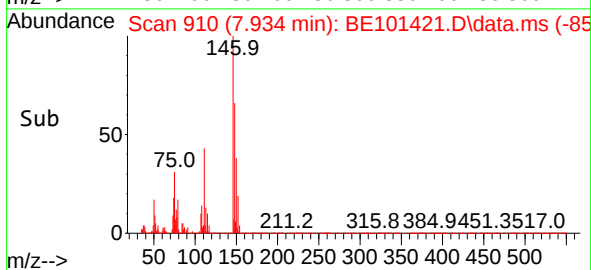
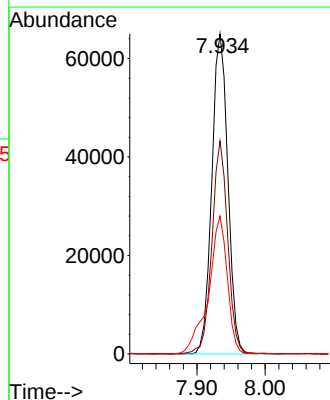
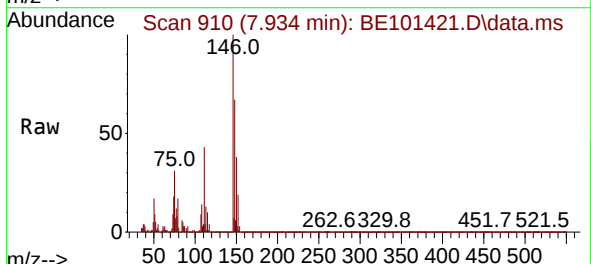
Instrument :
BNA_E
ClientSampleId :
MDL-WATER-03-QT4-2024

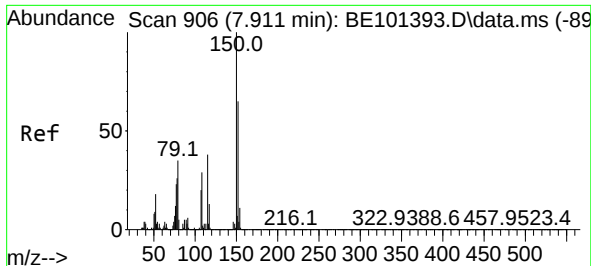
Tgt Ion:146 Resp: 108018
Ion Ratio Lower Upper
146 100
148 63.8 50.2 75.2
111 37.5 31.6 47.4



#14
1,2-Dichlorobenzene
Concen: 8.346 ng
RT: 7.934 min Scan# 910
Delta R.T. -0.001 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

Tgt Ion:146 Resp: 106533
Ion Ratio Lower Upper
146 100
148 66.6 51.4 77.2
111 43.0 32.8 49.2

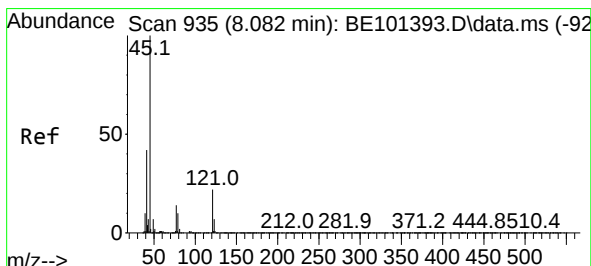
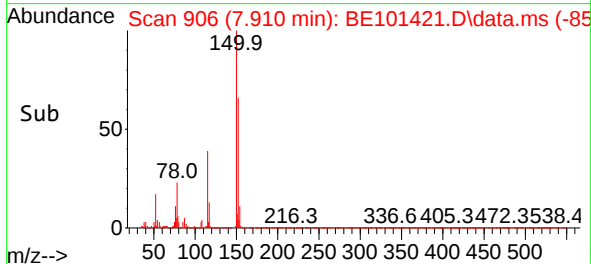
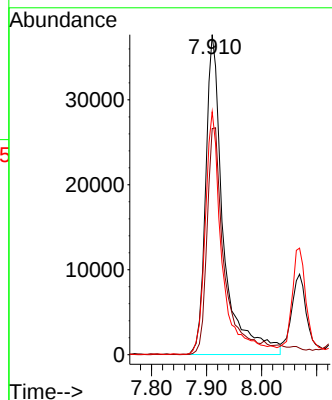
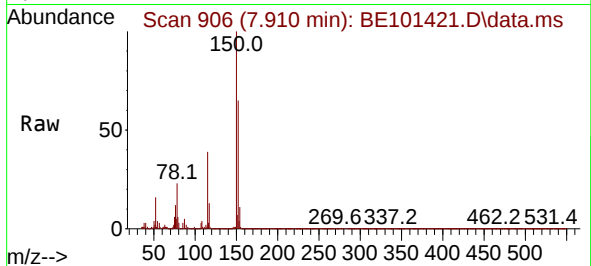




#15
Benzyl Alcohol
Concen: 10.315 ng
RT: 7.910 min Scan# 906
Delta R.T. -0.001 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

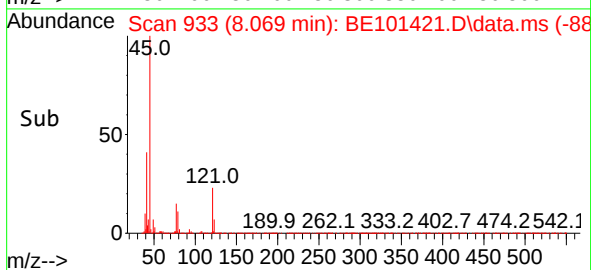
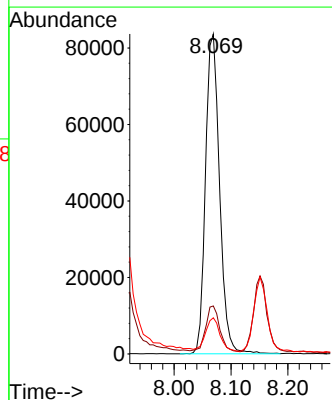
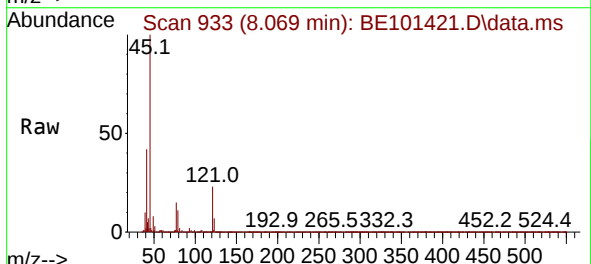
Instrument :
BNA_E
ClientSampleId :
MDL-WATER-03-QT4-2024

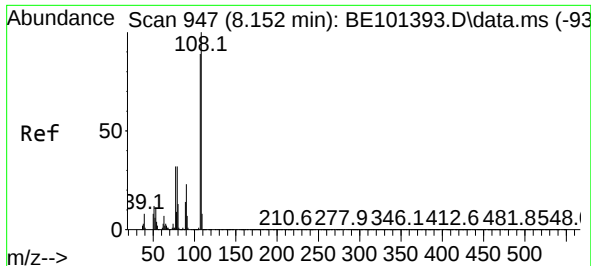
Tgt Ion: 79 Resp: 84181
Ion Ratio Lower Upper
79 100
108 70.7 66.1 99.1
77 75.9 53.1 79.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.343 ng
RT: 8.069 min Scan# 933
Delta R.T. -0.013 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

Tgt Ion: 45 Resp: 143276
Ion Ratio Lower Upper
45 100
77 15.0 0.0 34.5
79 11.3 0.0 31.8

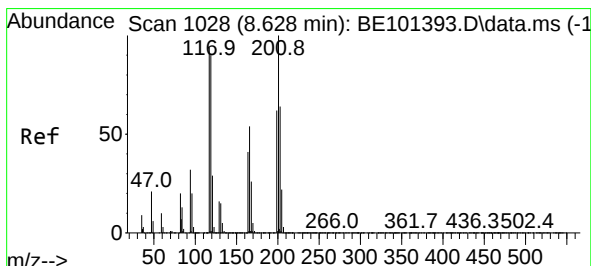
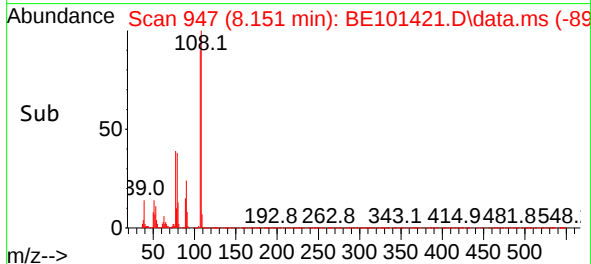
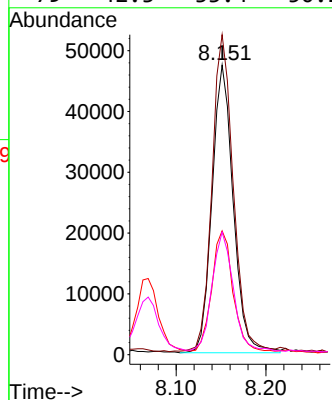
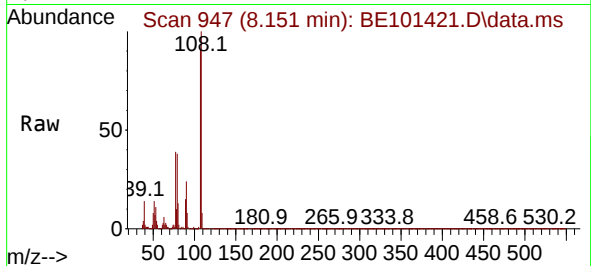




#17
2-Methylphenol
Concen: 7.718 ng
RT: 8.151 min Scan# 947
Delta R.T. -0.001 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

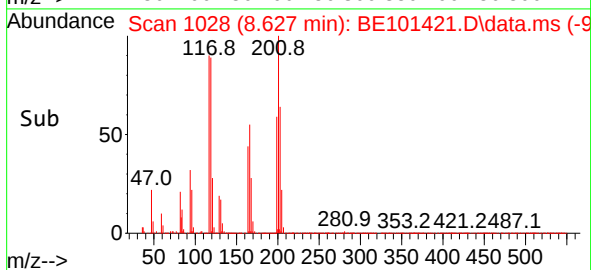
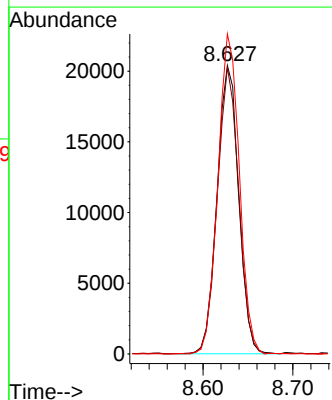
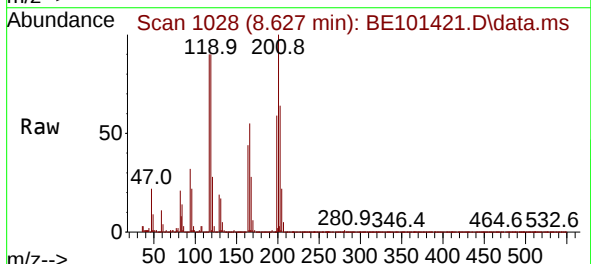
Instrument : BNA_E
ClientSampleId : MDL-WATER-03-QT4-2024

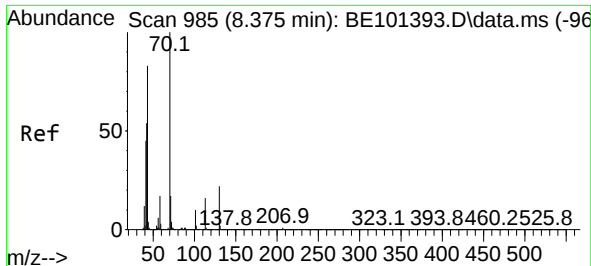
Tgt Ion:	107	Resp:	77595
Ion	Ratio	Lower	Upper
107	100		
108	110.5	90.0	135.0
77	42.8	34.2	51.4
79	42.3	33.4	50.2



#18
Hexachloroethane
Concen: 8.021 ng
RT: 8.627 min Scan# 1028
Delta R.T. -0.001 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

Tgt Ion:	117	Resp:	34155
Ion	Ratio	Lower	Upper
117	100		
119	99.4	77.0	115.4
201	110.9	85.3	127.9

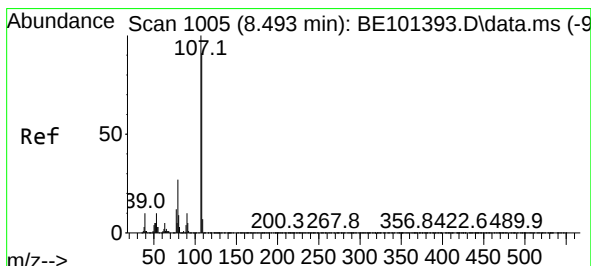
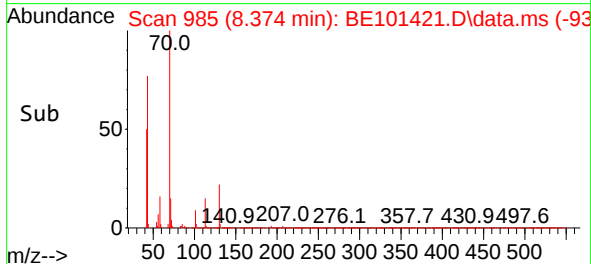
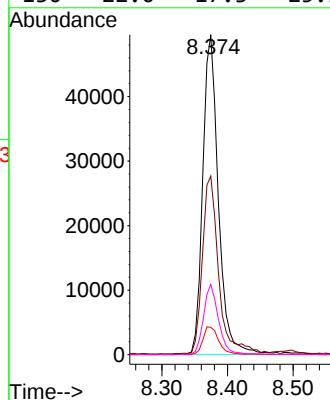
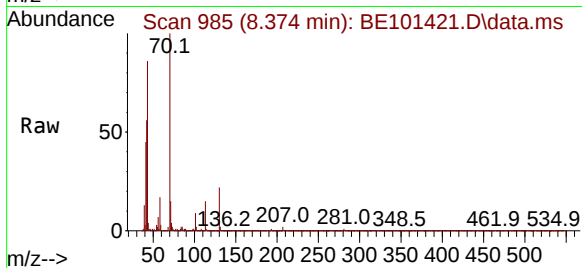




#19
n-Nitroso-di-n-propylamine
Concen: 9.028 ng
RT: 8.374 min Scan# 985
Delta R.T. -0.001 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

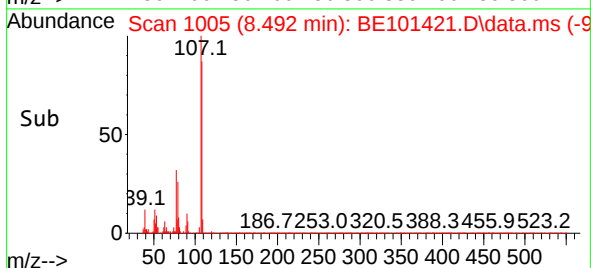
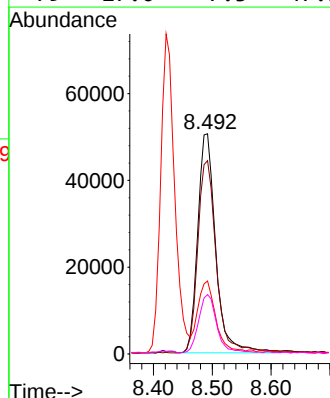
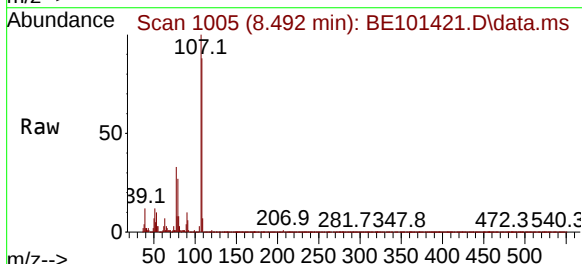
Instrument : BNA_E
ClientSampleId : MDL-WATER-03-QT4-2024

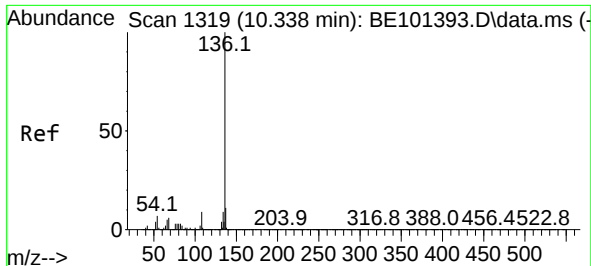
Tgt Ion: 70	Resp: 82020
Ion Ratio	Lower Upper
70 100	
42 55.8	43.4 65.0
101 8.5	8.1 12.1
130 22.0	17.3 25.9



#20
3+4-Methylphenols
Concen: 7.728 ng
RT: 8.492 min Scan# 1005
Delta R.T. -0.001 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

Tgt	Ion:107	Resp:	107245
Ion	Ratio	Lower	Upper
107	100		
108	87.8	70.6	110.6
77	33.1	11.3	51.3
79	27.0	7.3	47.3

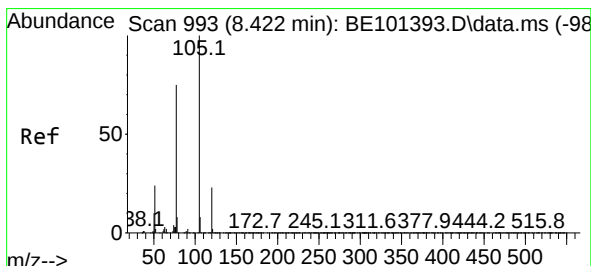
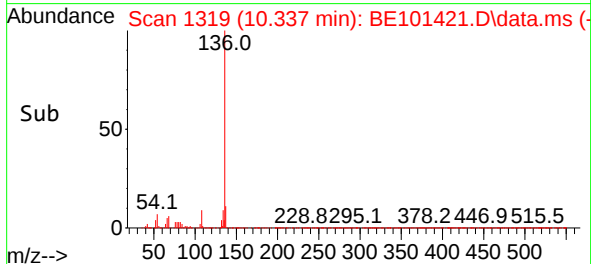
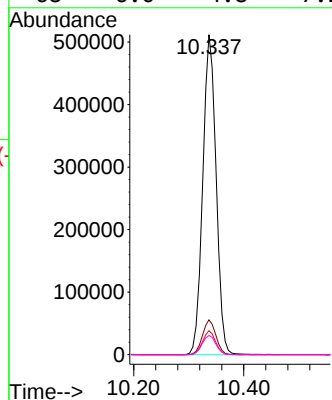
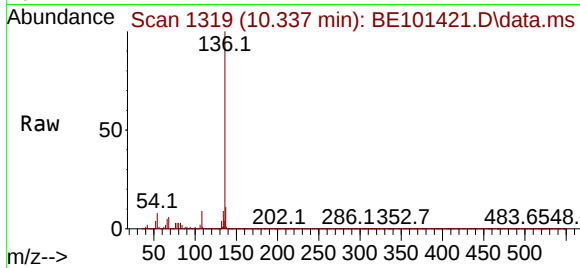




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.337 min Scan# 1319
Delta R.T. -0.001 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

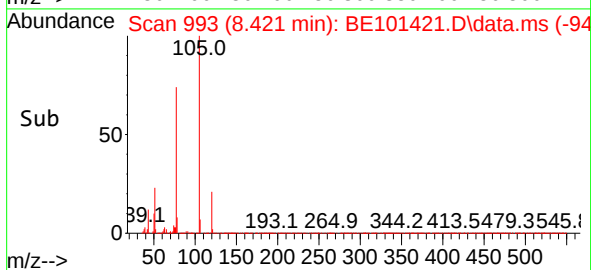
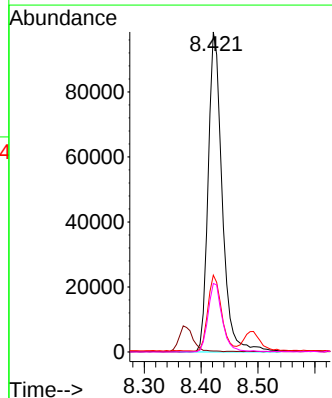
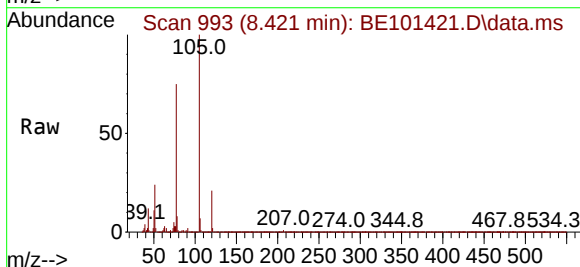
Instrument : BNA_E
ClientSampleId : MDL-WATER-03-QT4-2024

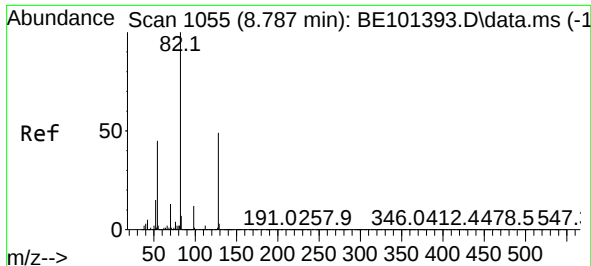
Tgt Ion:136 Resp: 861493
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 7.5 5.9 8.9
68 6.0 4.8 7.2



#22
Acetophenone
Concen: 8.573 ng
RT: 8.421 min Scan# 993
Delta R.T. -0.001 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

Tgt Ion:105 Resp: 167702
Ion Ratio Lower Upper
105 100
71 0.3 0.1 0.1#
51 24.0 19.4 29.0
120 21.4 18.4 27.6





#23

Nitrobenzene-d5

Concen: 91.972 ng

RT: 8.786 min Scan# 1055

Delta R.T. -0.001 min

Lab File: BE101421.D

Acq: 30 Oct 2024 12:58

Instrument :

BNA_E

ClientSampleId :

MDL-WATER-03-QT4-2024

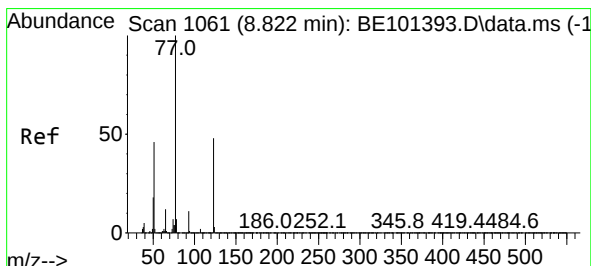
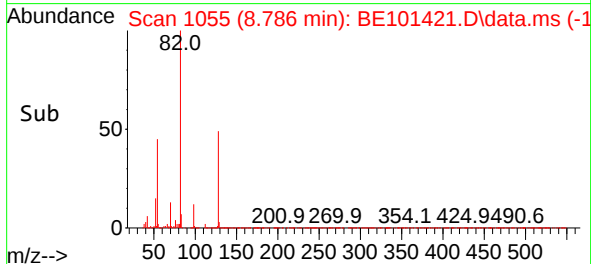
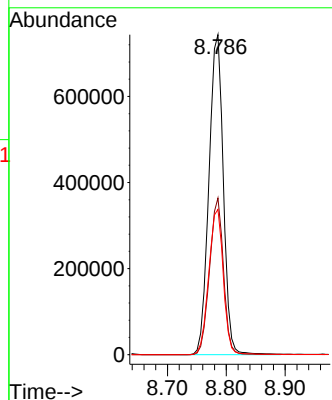
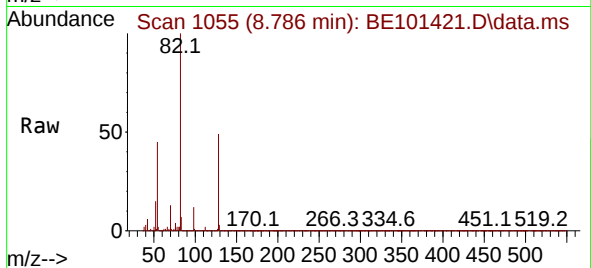
Tgt Ion: 82 Resp: 1261492

Ion Ratio Lower Upper

82 100

128 48.9 38.9 58.3

54 45.4 36.2 54.4



#24

Nitrobenzene

Concen: 8.265 ng

RT: 8.821 min Scan# 1061

Delta R.T. -0.001 min

Lab File: BE101421.D

Acq: 30 Oct 2024 12:58

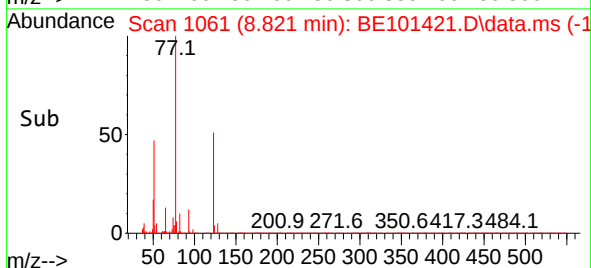
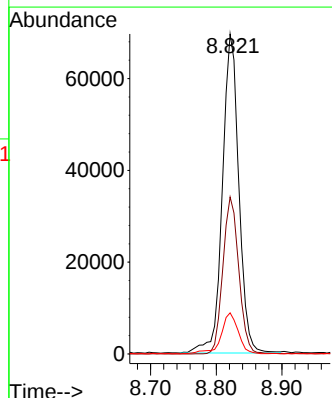
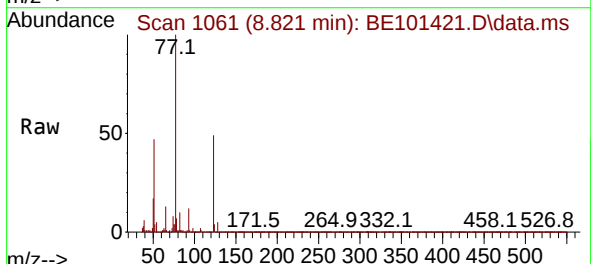
Tgt Ion: 77 Resp: 120658

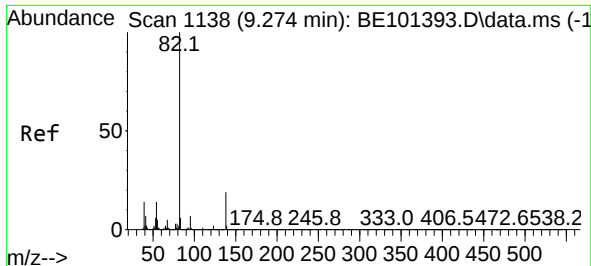
Ion Ratio Lower Upper

77 100

123 49.1 38.7 58.1

65 12.9 10.0 15.0

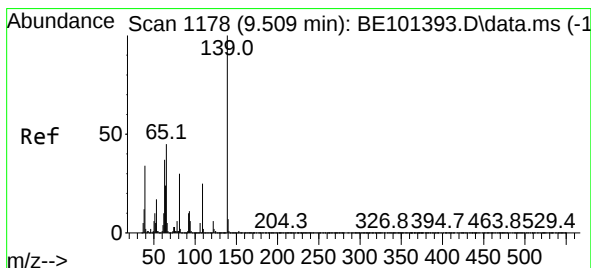
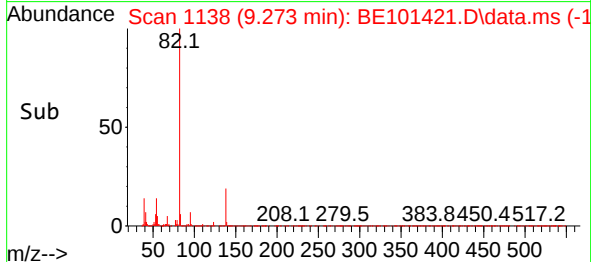
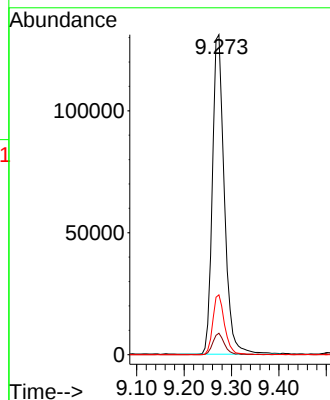
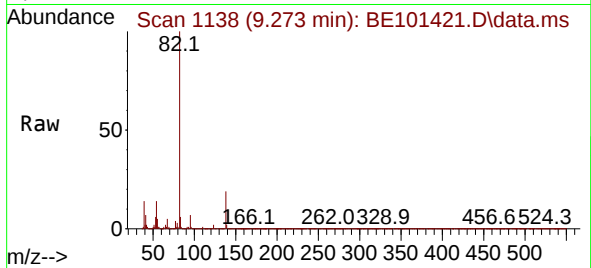




#25
Isophorone
Concen: 8.578 ng
RT: 9.273 min Scan# 1138
Delta R.T. -0.001 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

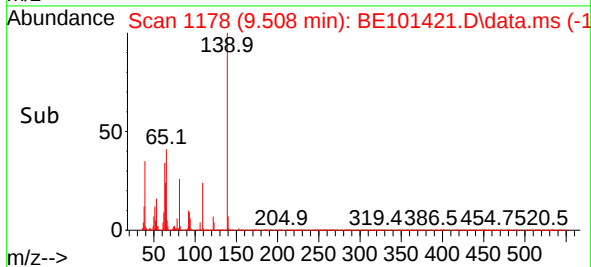
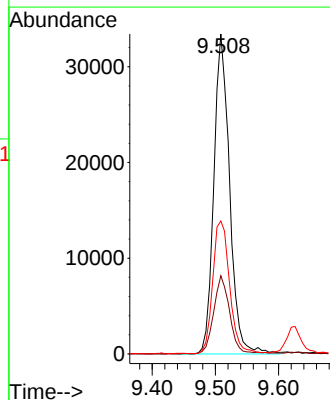
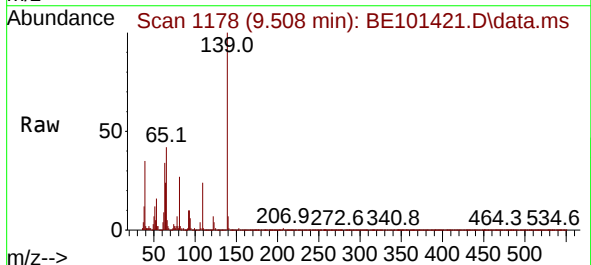
Instrument : BNA_E
ClientSampleId : MDL-WATER-03-QT4-2024

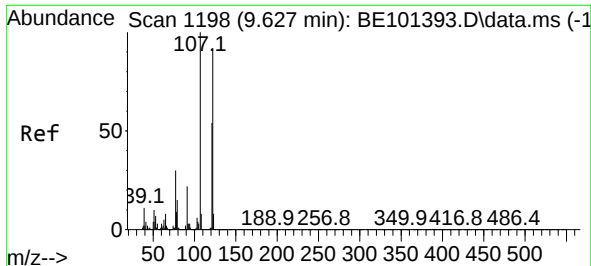
Tgt Ion: 82 Resp: 229583
Ion Ratio Lower Upper
82 100
95 6.7 5.5 8.3
138 18.7 15.0 22.4



#26
2-Nitrophenol
Concen: 8.194 ng
RT: 9.508 min Scan# 1178
Delta R.T. -0.001 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

Tgt Ion: 139 Resp: 57815
Ion Ratio Lower Upper
139 100
109 24.5 20.1 30.1
65 41.5 36.0 54.0

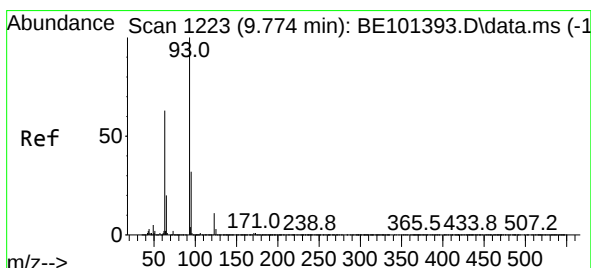
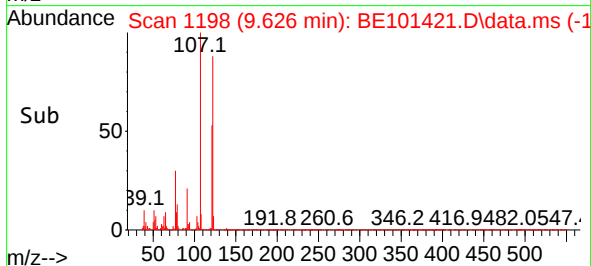
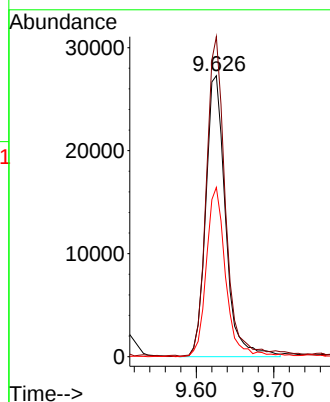
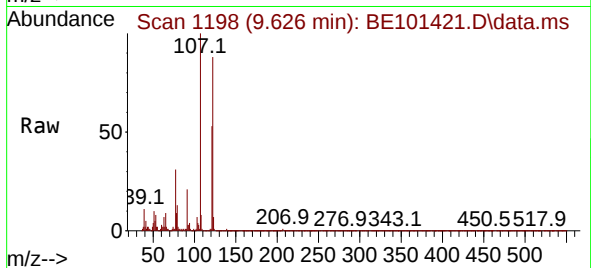




#27
2,4-Dimethylphenol
Concen: 5.424 ng
RT: 9.626 min Scan# 1198
Delta R.T. -0.001 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

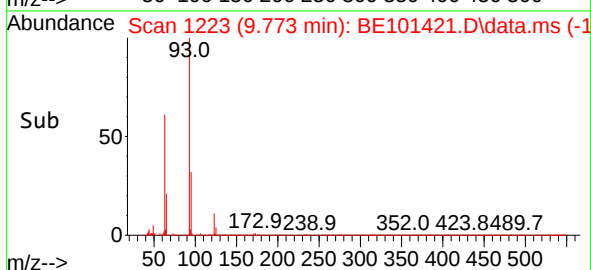
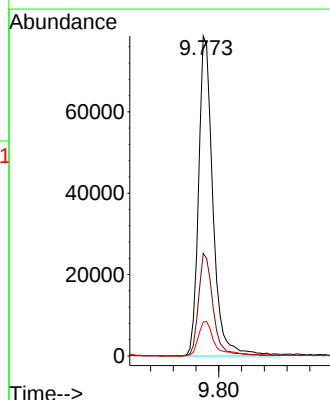
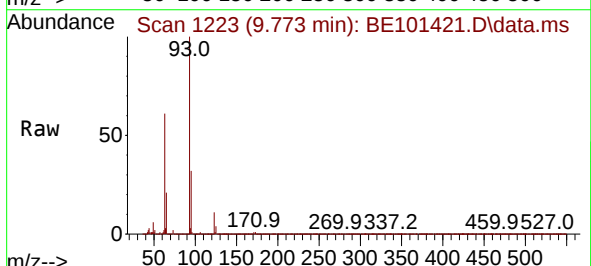
Instrument : BNA_E
ClientSampleId : MDL-WATER-03-QT4-2024

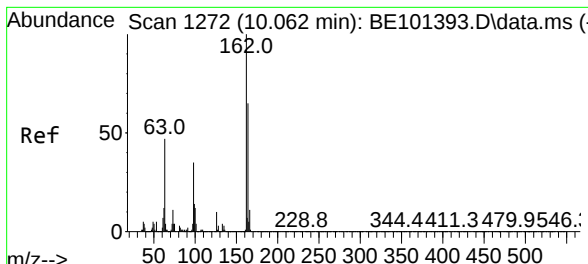
Tgt Ion:122 Resp: 48158
Ion Ratio Lower Upper
122 100
107 113.9 87.4 131.0
121 60.3 47.4 71.0



#28
bis(2-Chloroethoxy)methane
Concen: 8.525 ng
RT: 9.773 min Scan# 1223
Delta R.T. -0.001 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

Tgt Ion: 93 Resp: 138383
Ion Ratio Lower Upper
93 100
95 32.0 25.8 38.6
123 10.6 8.6 13.0



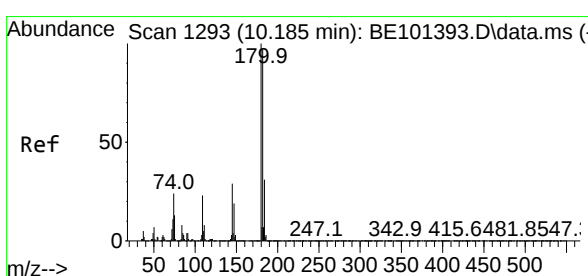
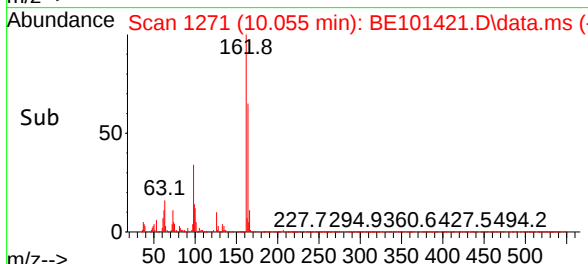
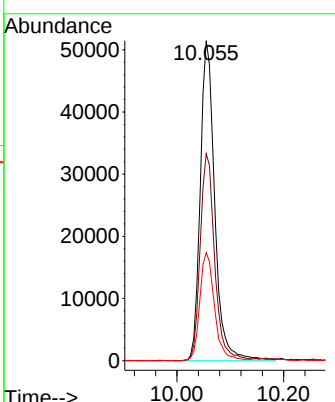
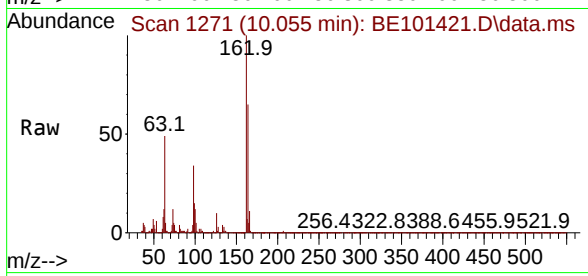


#29
2,4-Dichlorophenol
Concen: 7.884 ng
RT: 10.055 min Scan# 1271
Delta R.T. -0.007 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

Instrument : BNA_E
ClientSampleId : MDL-WATER-03-QT4-2024

Tgt Ion:162 Resp: 96843

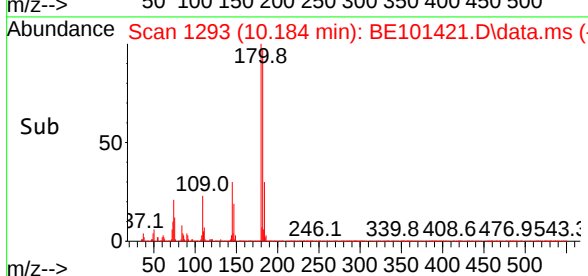
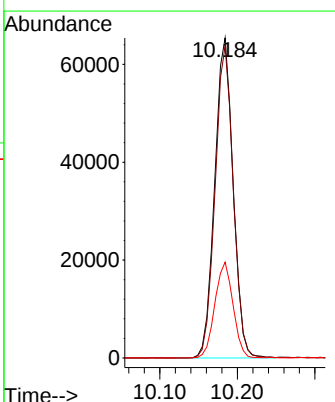
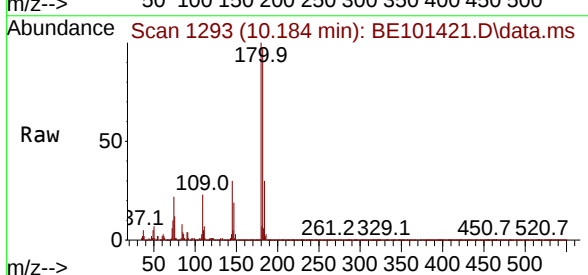
Ion	Ratio	Lower	Upper
162	100		
164	64.7	45.4	85.4
98	33.7	14.5	54.5

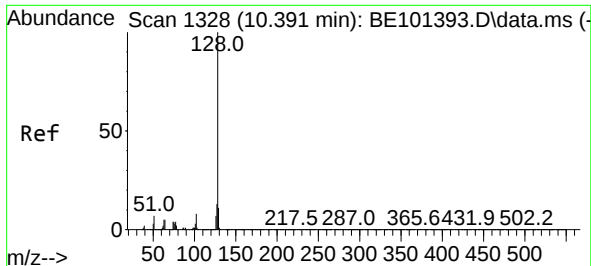


#30
1,2,4-Trichlorobenzene
Concen: 8.073 ng
RT: 10.184 min Scan# 1293
Delta R.T. -0.001 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

Tgt Ion:180 Resp: 108020

Ion	Ratio	Lower	Upper
180	100		
182	97.4	77.4	116.0
145	30.0	23.3	34.9

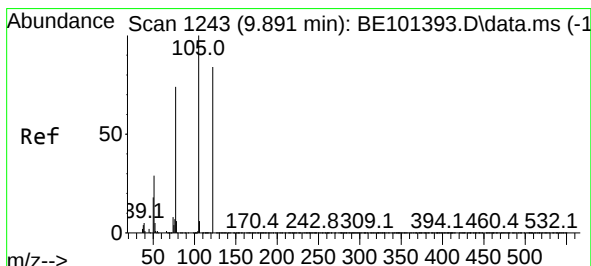
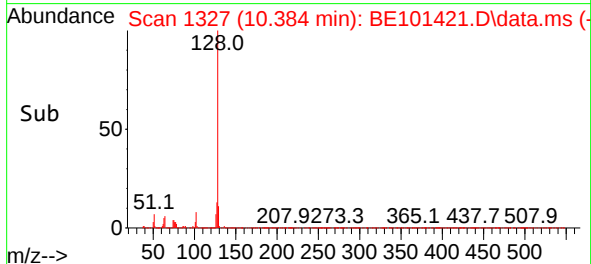
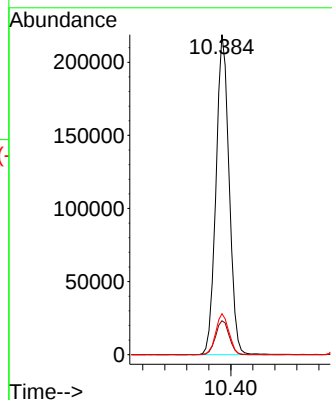
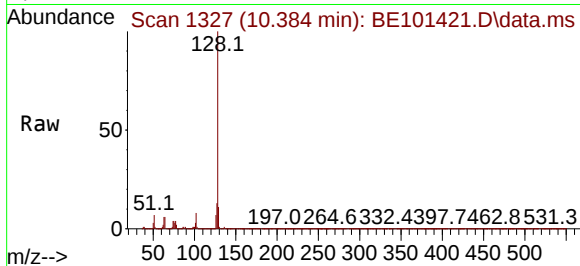




#31
Naphthalene
Concen: 8.244 ng
RT: 10.384 min Scan# 11
Delta R.T. -0.007 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

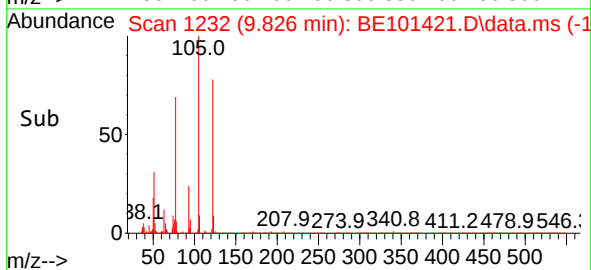
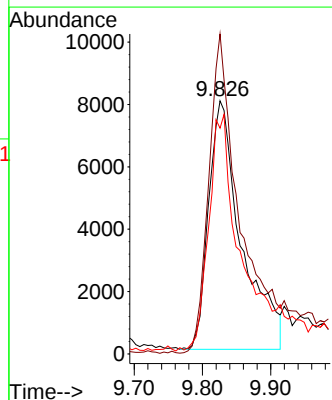
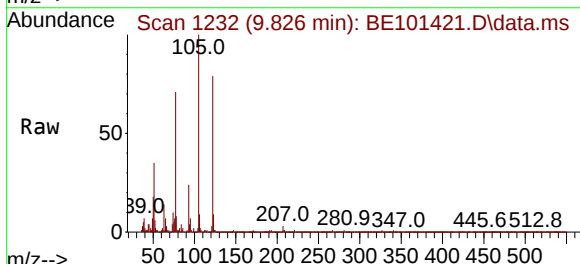
Instrument :
BNA_E
ClientSampleId :
MDL-WATER-03-QT4-2024

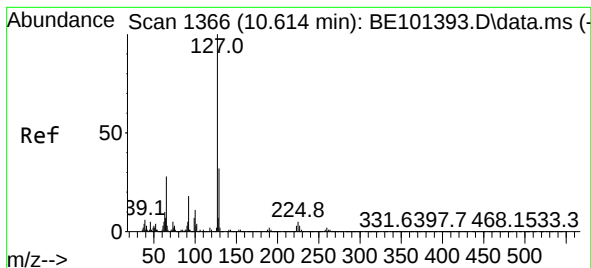
Tgt Ion:128 Resp: 361923
Ion Ratio Lower Upper
128 100
129 10.6 8.8 13.2
127 12.8 10.3 15.5



#32
Benzoic acid
Concen: 10.641 ng
RT: 9.826 min Scan# 1232
Delta R.T. -0.065 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

Tgt Ion:122 Resp: 26727
Ion Ratio Lower Upper
122 100
105 126.4 97.9 137.9
77 89.2 68.1 108.1





#33

4-Chloroaniline

Concen: 9.288 ng

RT: 10.613 min Scan# 1366

Delta R.T. -0.001 min

Lab File: BE101421.D

Acq: 30 Oct 2024 12:58

Instrument :

BNA_E

ClientSampleId :

MDL-WATER-03-QT4-2024

Tgt Ion:127 Resp: 141782

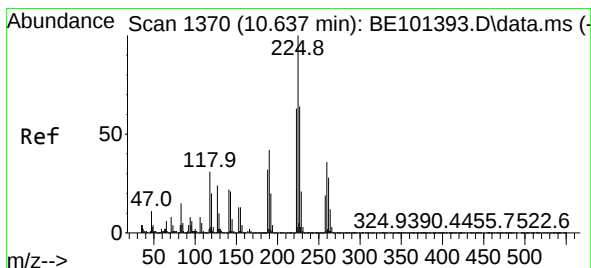
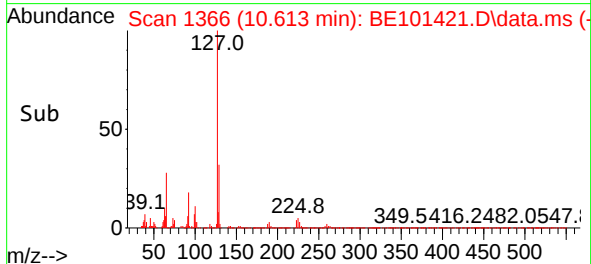
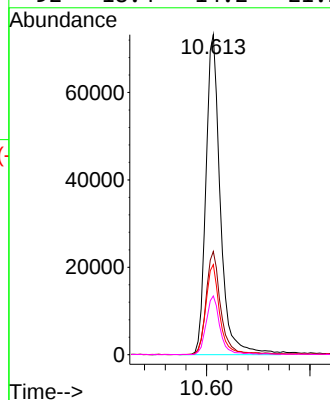
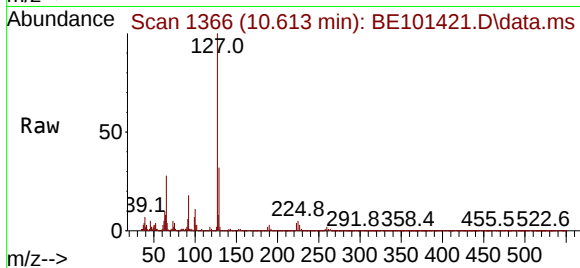
Ion Ratio Lower Upper

127 100

129 32.2 25.7 38.5

65 28.2 22.2 33.4

92 18.4 14.2 21.2



#34

Hexachlorobutadiene

Concen: 7.866 ng

RT: 10.636 min Scan# 1370

Delta R.T. -0.001 min

Lab File: BE101421.D

Acq: 30 Oct 2024 12:58

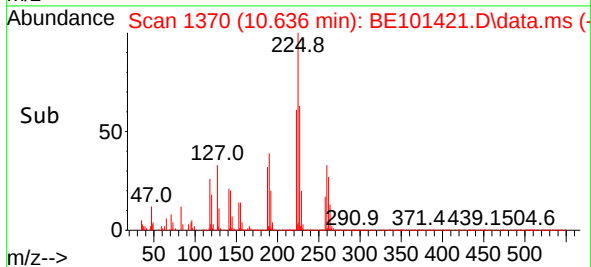
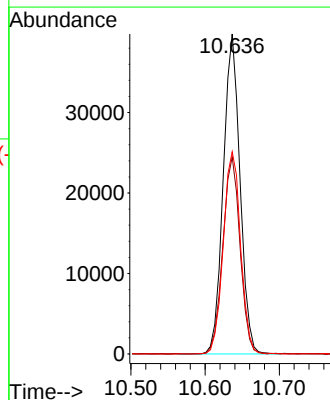
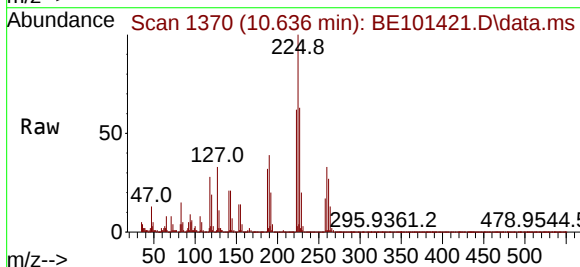
Tgt Ion:225 Resp: 62299

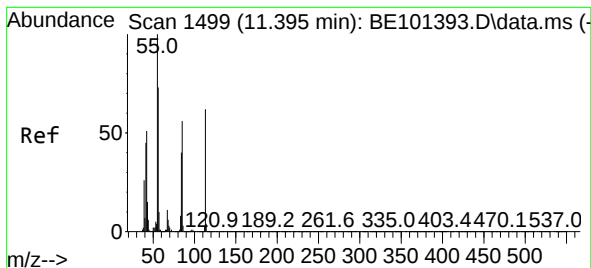
Ion Ratio Lower Upper

225 100

223 61.5 50.5 75.7

227 63.2 51.0 76.6





#35

Caprolactam

Concen: 7.365 ng

RT: 11.383 min Scan# 1497

Delta R.T. -0.013 min

Lab File: BE101421.D

Acq: 30 Oct 2024 12:58

Instrument :

BNA_E

ClientSampleId :

MDL-WATER-03-QT4-2024

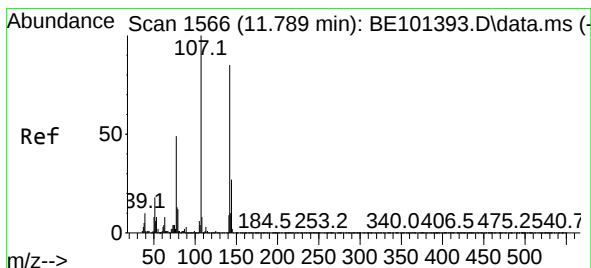
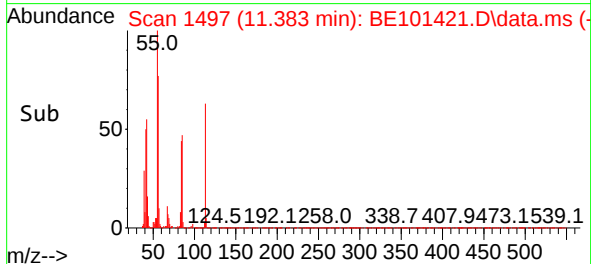
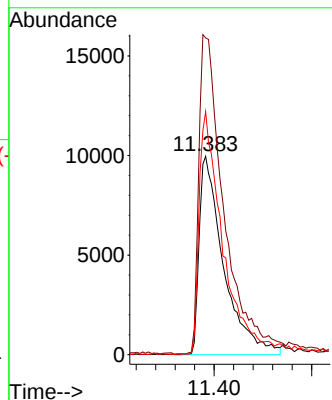
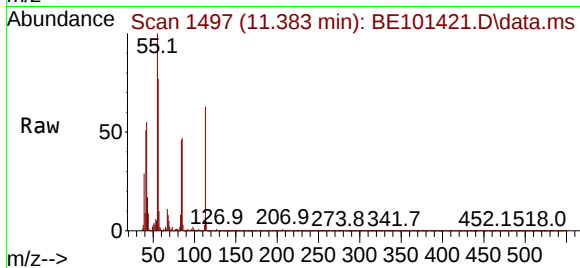
Tgt Ion:113 Resp: 34676

Ion Ratio Lower Upper

113 100

55 159.7 141.2 181.2

56 122.5 96.9 136.9



#36

4-Chloro-3-methylphenol

Concen: 7.630 ng

RT: 11.782 min Scan# 1565

Delta R.T. -0.007 min

Lab File: BE101421.D

Acq: 30 Oct 2024 12:58

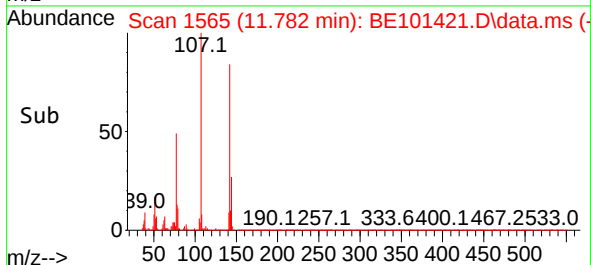
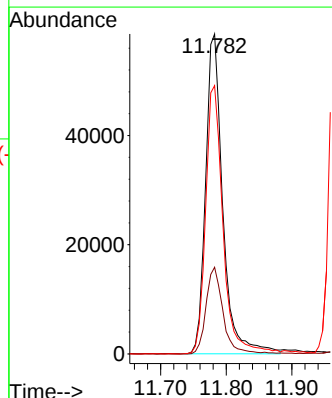
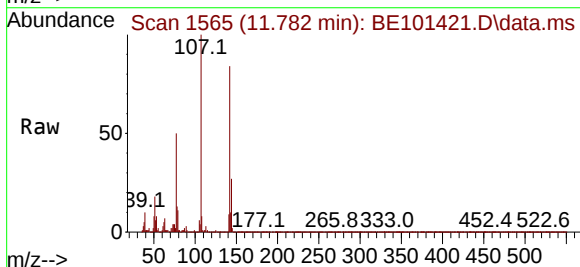
Tgt Ion:107 Resp: 106706

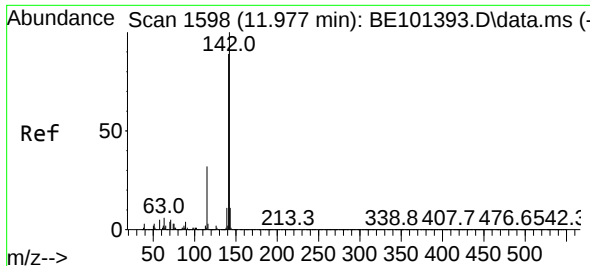
Ion Ratio Lower Upper

107 100

144 27.1 21.9 32.9

142 83.8 68.0 102.0

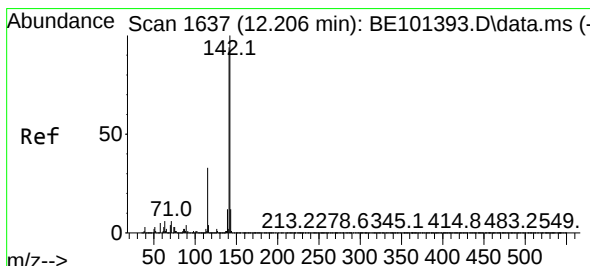
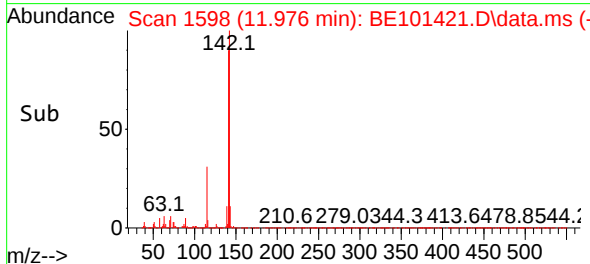
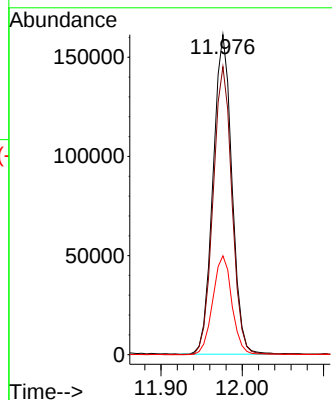
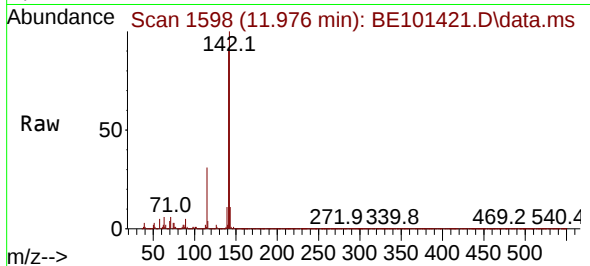




#37
2-Methylnaphthalene
Concen: 8.227 ng
RT: 11.976 min Scan# 1598
Delta R.T. -0.001 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

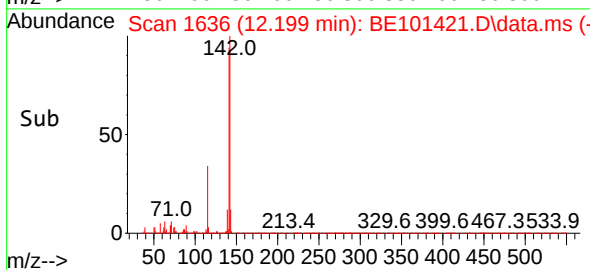
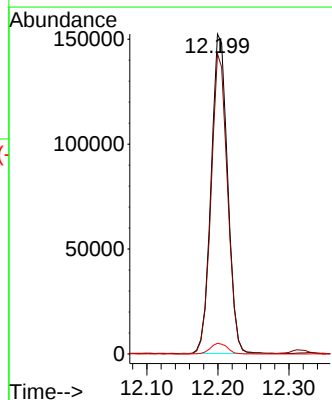
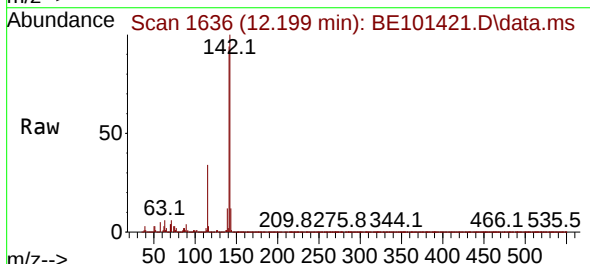
Instrument :
BNA_E
ClientSampleId :
MDL-WATER-03-QT4-2024

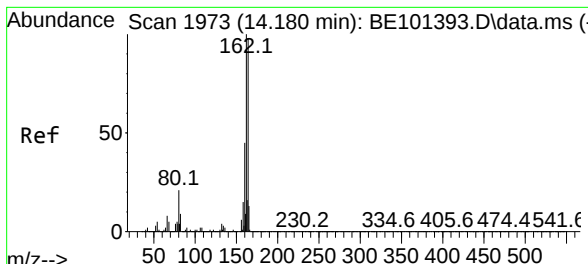
Tgt Ion:142 Resp: 260208
Ion Ratio Lower Upper
142 100
141 90.0 71.4 107.2
115 30.9 25.6 38.4



#38
1-Methylnaphthalene
Concen: 7.762 ng
RT: 12.199 min Scan# 1636
Delta R.T. -0.007 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

Tgt Ion:142 Resp: 245021
Ion Ratio Lower Upper
142 100
141 93.8 75.0 112.4
116 3.4 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.179 min Scan# 1973

Delta R.T. -0.001 min

Lab File: BE101421.D

Acq: 30 Oct 2024 12:58

Instrument :

BNA_E

ClientSampleId :

MDL-WATER-03-QT4-2024

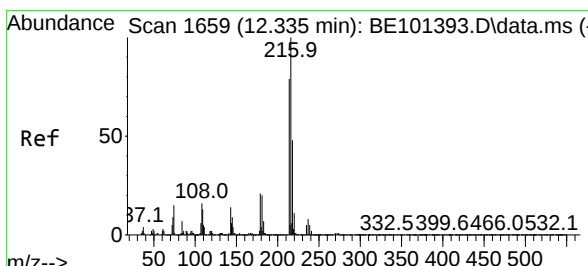
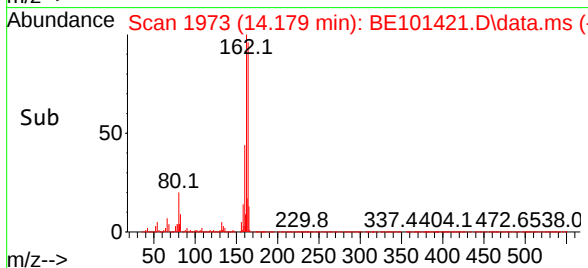
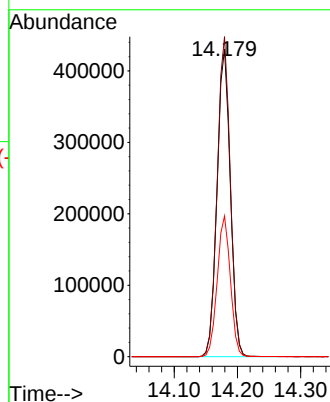
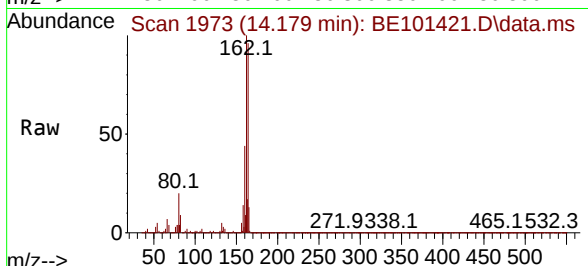
Tgt Ion:164 Resp: 625958

Ion Ratio Lower Upper

164 100

162 104.0 81.3 121.9

160 45.7 36.4 54.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 8.396 ng

RT: 12.329 min Scan# 1658

Delta R.T. -0.007 min

Lab File: BE101421.D

Acq: 30 Oct 2024 12:58

Tgt Ion:216 Resp: 131933

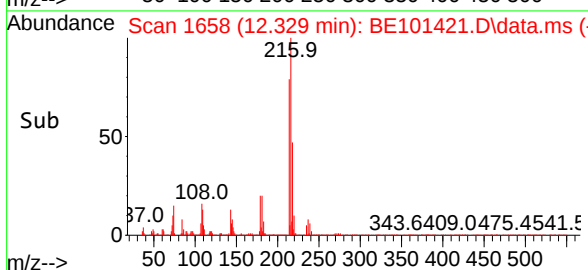
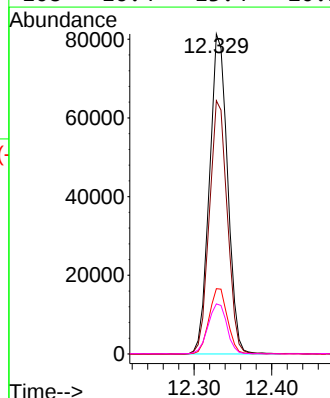
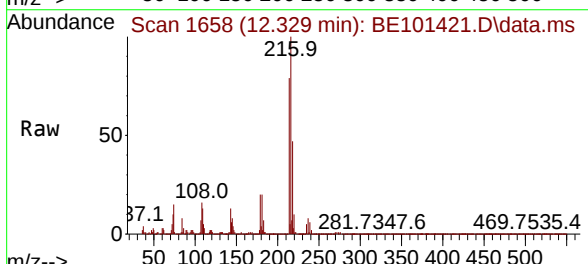
Ion Ratio Lower Upper

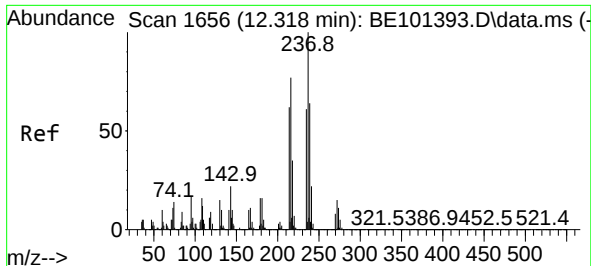
216 100

214 78.5 63.0 94.4

179 20.8 16.7 25.1

108 16.4 13.4 20.2

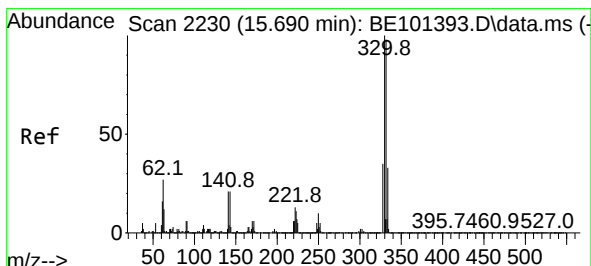
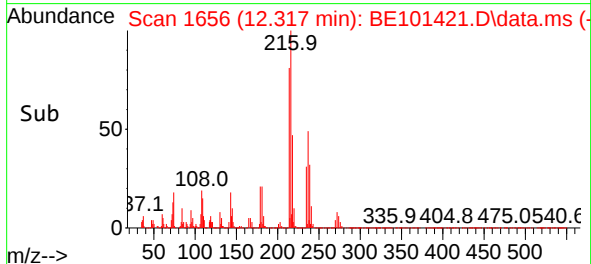
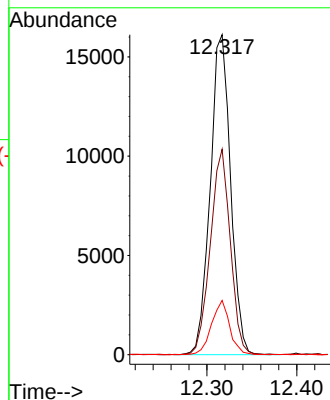
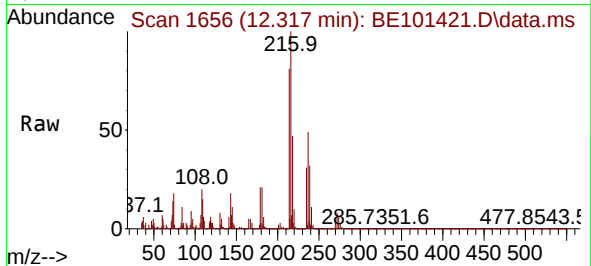




#41
Hexachlorocyclopentadiene
Concen: 4.886 ng
RT: 12.317 min Scan# 1656
Delta R.T. -0.001 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

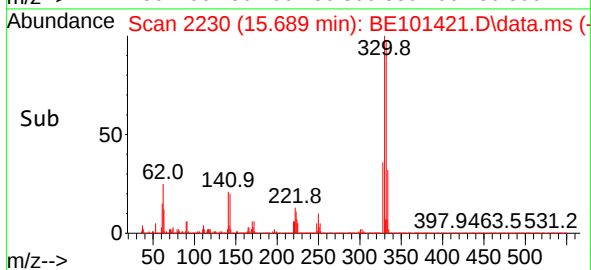
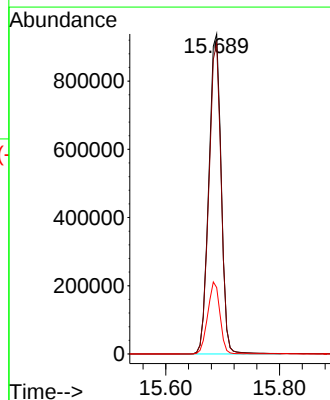
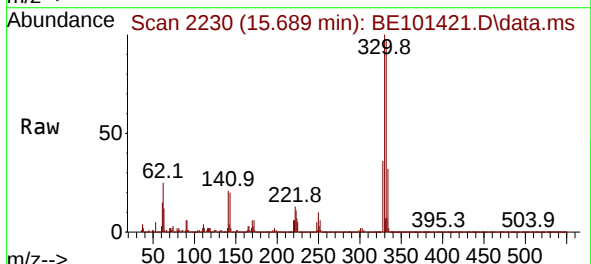
Instrument :
BNA_E
ClientSampleId :
MDL-WATER-03-QT4-2024

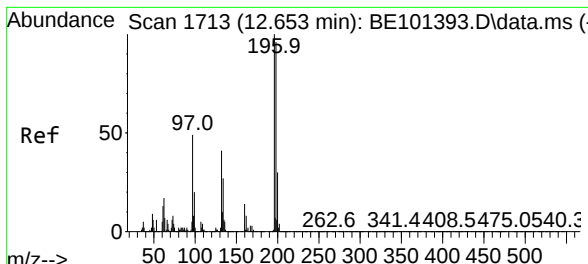
Tgt Ion:237	Resp:	25359
Ion Ratio	Lower	Upper
237	100	
235	64.2	41.3 81.3
272	17.0	0.0 34.6



#42
2,4,6-Tribromophenol
Concen: 127.964 ng
RT: 15.689 min Scan# 2230
Delta R.T. -0.001 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

Tgt Ion:330	Resp:	1403901
Ion Ratio	Lower	Upper
330	100	
332	96.9	78.2 117.2
141	22.3	18.3 27.5

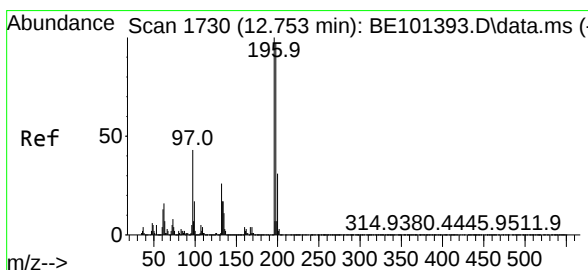
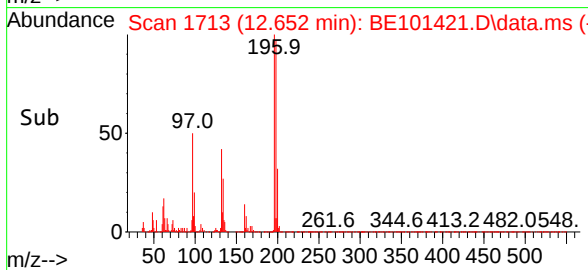
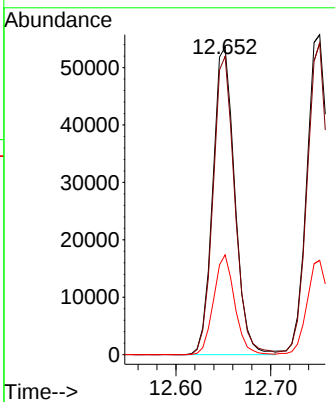
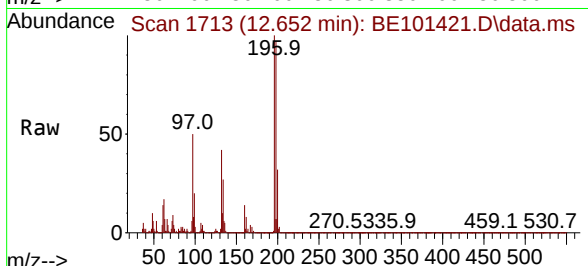




#43
 2,4,6-Trichlorophenol
 Concen: 7.957 ng
 RT: 12.652 min Scan# 1713
 Delta R.T. -0.001 min
 Lab File: BE101421.D
 Acq: 30 Oct 2024 12:58

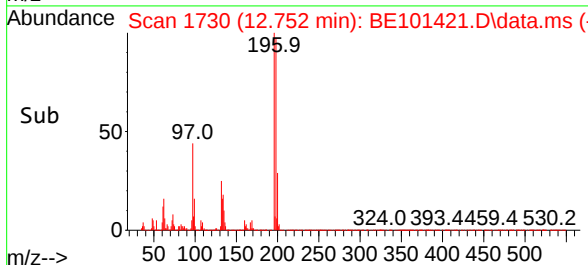
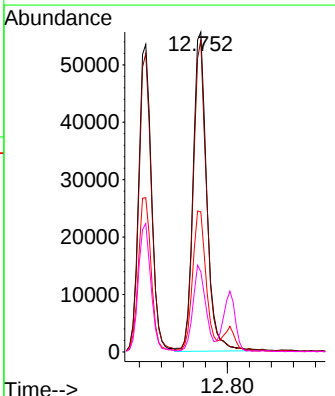
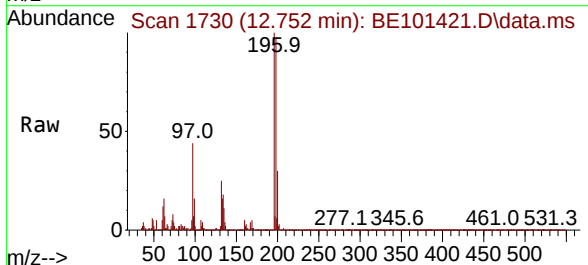
Instrument : BNA_E
 ClientSampleId : MDL-WATER-03-QT4-2024

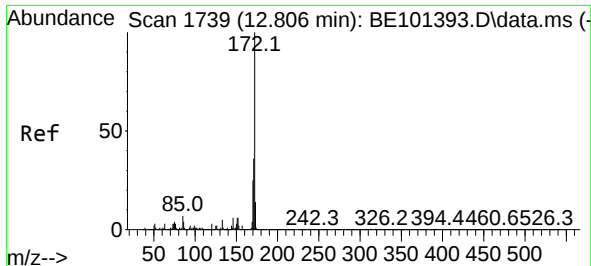
Tgt Ion:196	Resp:	86202
Ion Ratio	Lower	Upper
196	100	
198	97.0	76.6 115.0
200	32.4	24.1 36.1



#44
 2,4,5-Trichlorophenol
 Concen: 7.729 ng
 RT: 12.752 min Scan# 1730
 Delta R.T. -0.001 min
 Lab File: BE101421.D
 Acq: 30 Oct 2024 12:58

Tgt Ion:196	Resp:	95876
Ion Ratio	Lower	Upper
196	100	
198	97.4	77.4 116.0
97	43.8	34.8 52.2
132	25.1	21.2 31.8

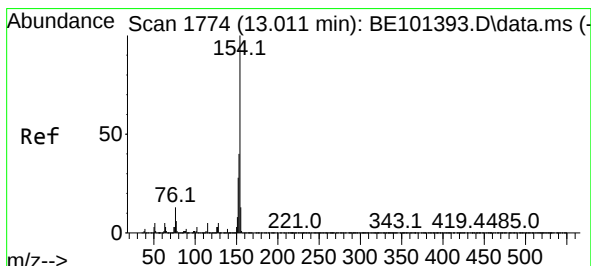
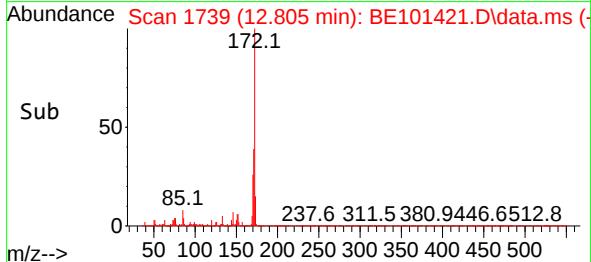
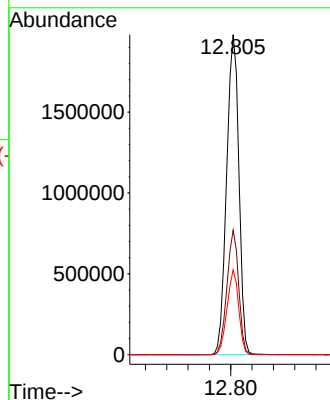
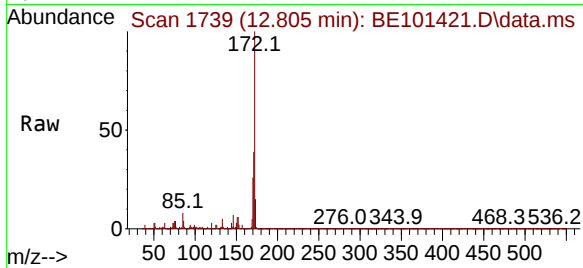




#45
2-Fluorobiphenyl
Concen: 85.664 ng
RT: 12.805 min Scan# 1739
Delta R.T. -0.001 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

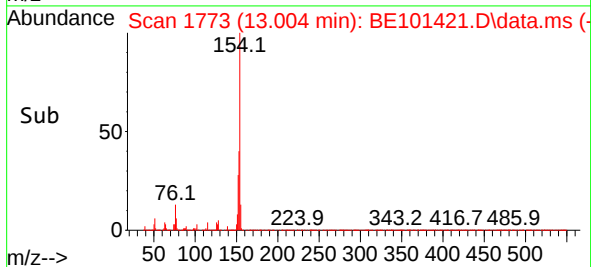
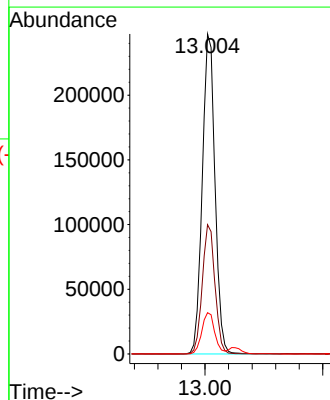
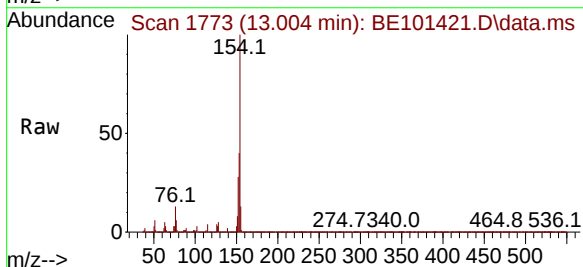
Instrument : BNA_E
ClientSampleId : MDL-WATER-03-QT4-2024

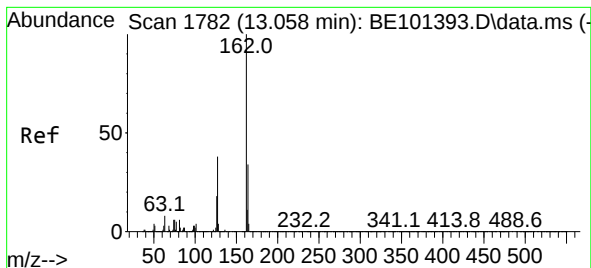
Tgt Ion:172 Resp: 3166293
Ion Ratio Lower Upper
172 100
171 38.9 29.2 43.8
170 26.5 19.8 29.6



#46
1,1'-Biphenyl
Concen: 8.660 ng
RT: 13.004 min Scan# 1773
Delta R.T. -0.007 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

Tgt Ion:154 Resp: 371373
Ion Ratio Lower Upper
154 100
153 40.4 20.3 60.3
76 12.9 0.0 32.6





#47

2-Chloronaphthalene

Concen: 8.077 ng

RT: 13.051 min Scan# 1

Delta R.T. -0.007 min

Lab File: BE101421.D

Acq: 30 Oct 2024 12:58

Instrument :

BNA_E

ClientSampleId :

MDL-WATER-03-QT4-2024

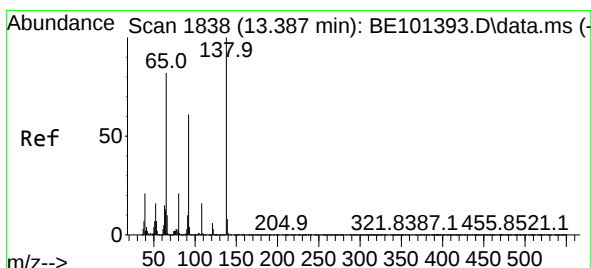
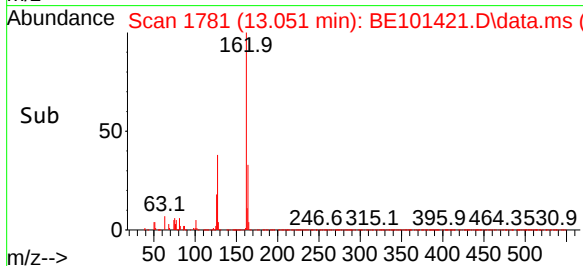
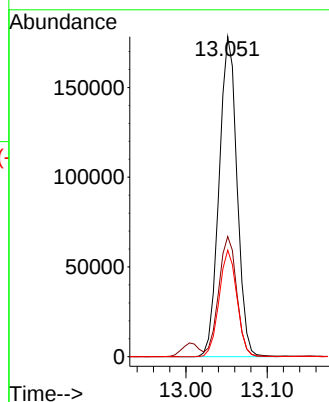
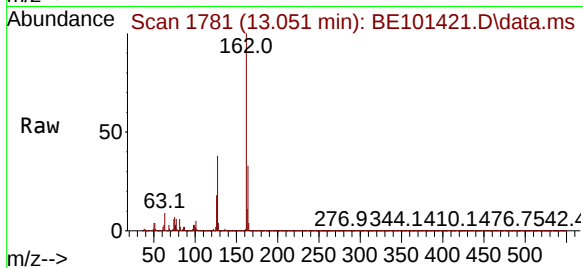
Tgt Ion:162 Resp: 273668

Ion Ratio Lower Upper

162 100

127 37.5 30.4 45.6

164 33.3 27.0 40.6



#48

2-Nitroaniline

Concen: 7.924 ng

RT: 13.380 min Scan# 1837

Delta R.T. -0.007 min

Lab File: BE101421.D

Acq: 30 Oct 2024 12:58

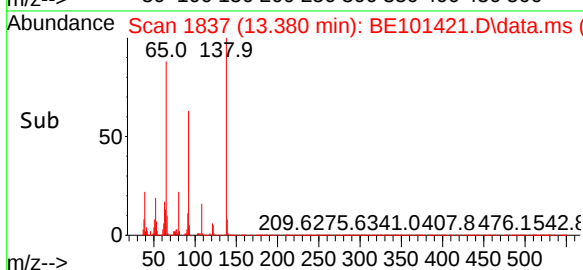
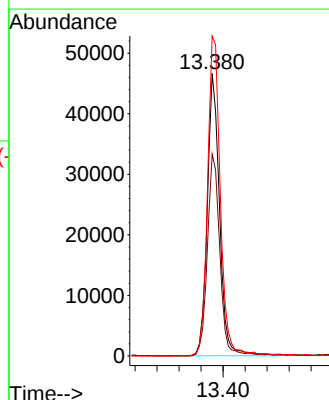
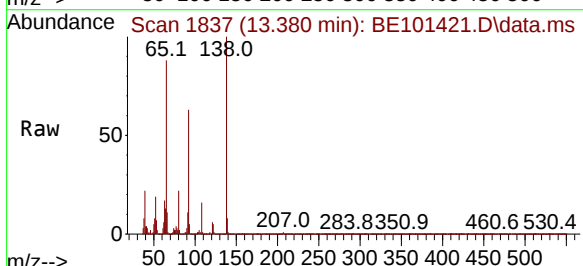
Tgt Ion: 65 Resp: 72257

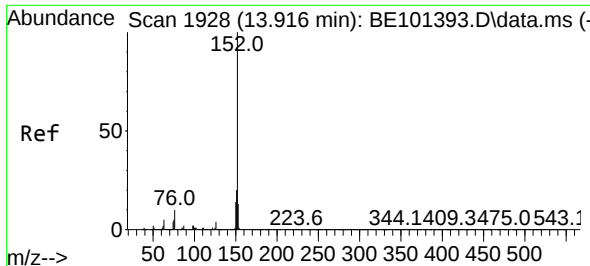
Ion Ratio Lower Upper

65 100

92 71.4 59.0 88.4

138 113.3 97.4 146.0

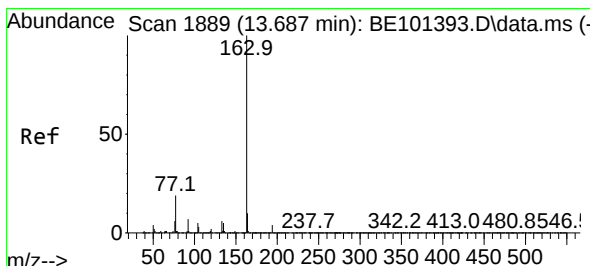
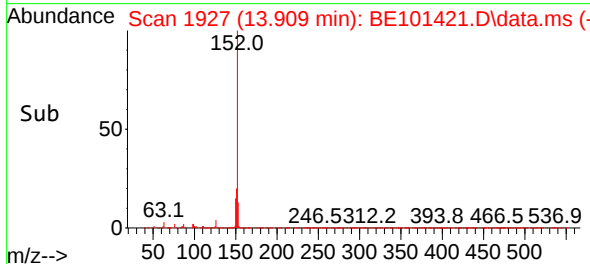
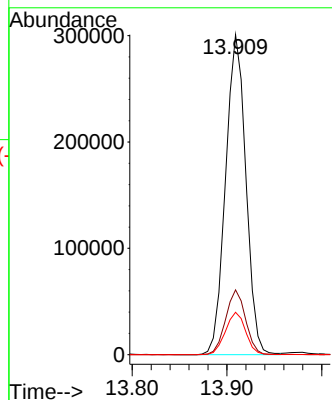
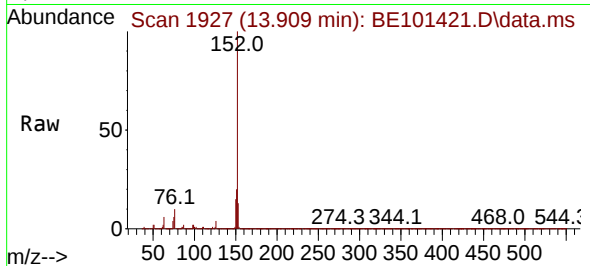




#49
Acenaphthylene
Concen: 8.939 ng
RT: 13.909 min Scan# 1927
Delta R.T. -0.007 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

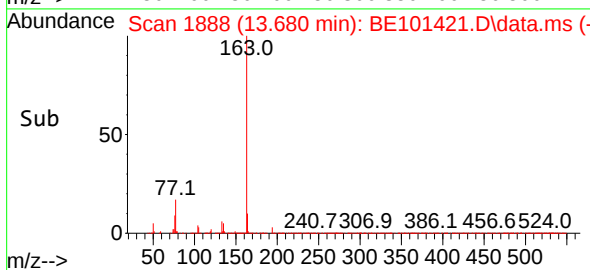
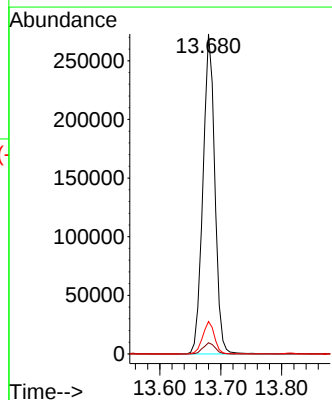
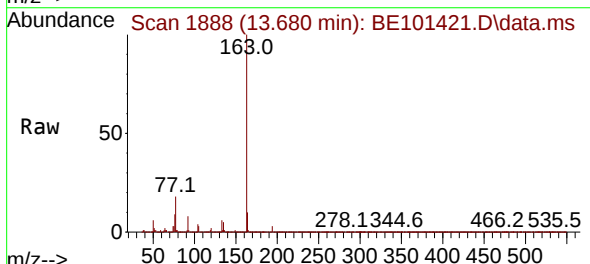
Instrument :
BNA_E
ClientSampleId :
MDL-WATER-03-QT4-2024

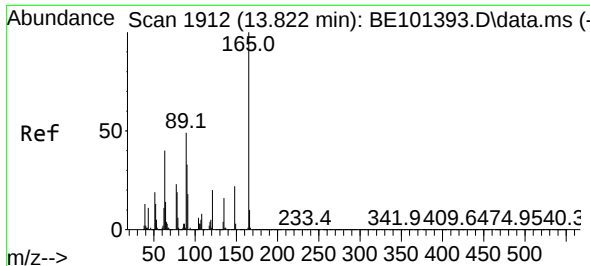
Tgt Ion:152 Resp: 447919
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4
153 13.3 10.5 15.7



#50
Dimethylphthalate
Concen: 8.374 ng
RT: 13.680 min Scan# 1888
Delta R.T. -0.007 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

Tgt Ion:163 Resp: 370006
Ion Ratio Lower Upper
163 100
194 3.5 2.9 4.3
164 10.1 8.4 12.6

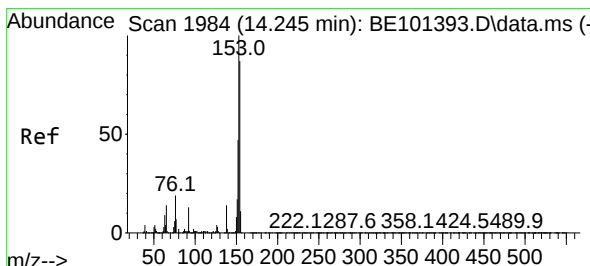
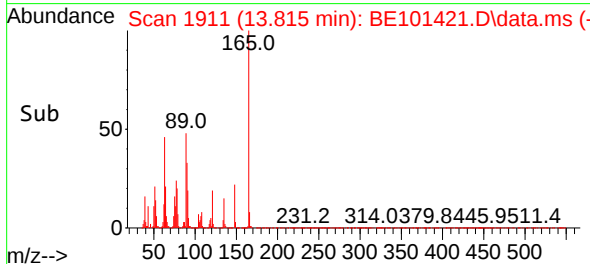
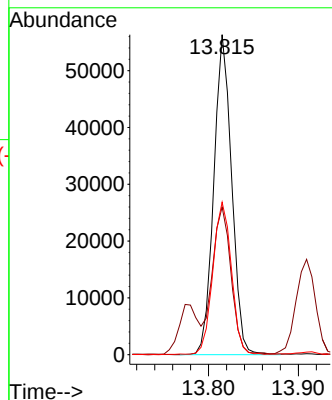
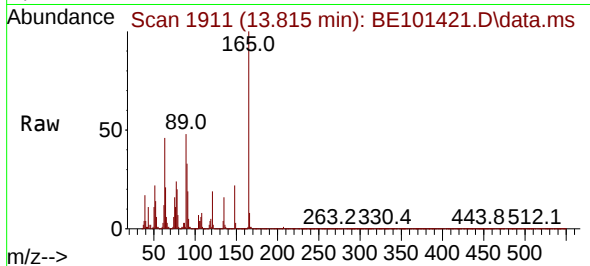




#51
2,6-Dinitrotoluene
Concen: 7.629 ng
RT: 13.815 min Scan# 1911
Delta R.T. -0.007 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

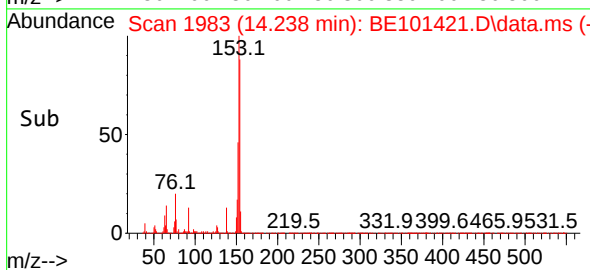
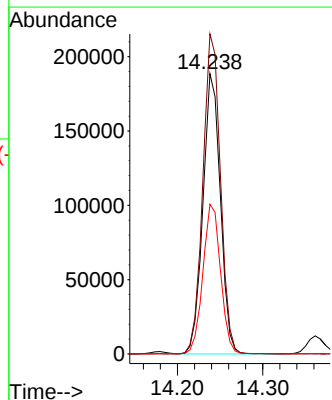
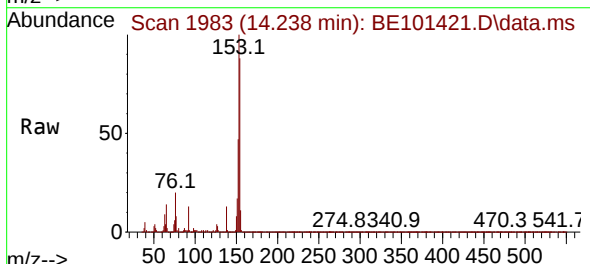
Instrument :
BNA_E
ClientSampleId :
MDL-WATER-03-QT4-2024

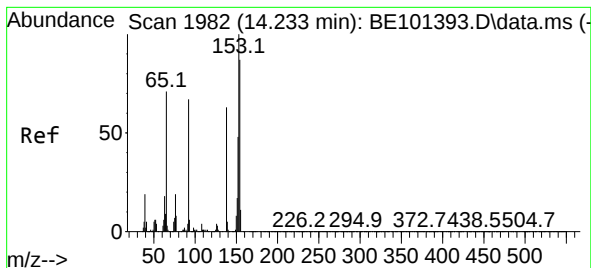
Tgt Ion:165 Resp: 77826
Ion Ratio Lower Upper
165 100
63 46.2 38.0 57.0
89 47.7 39.5 59.3



#52
Acenaphthene
Concen: 8.164 ng
RT: 14.238 min Scan# 1983
Delta R.T. -0.007 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

Tgt Ion:154 Resp: 267102
Ion Ratio Lower Upper
154 100
153 114.1 91.8 137.6
152 53.4 43.1 64.7





#53

3-Nitroaniline

Concen: 8.023 ng

RT: 14.226 min Scan# 1982

Delta R.T. -0.007 min

Lab File: BE101421.D

Acq: 30 Oct 2024 12:58

Instrument :

BNA_E

ClientSampleId :

MDL-WATER-03-QT4-2024

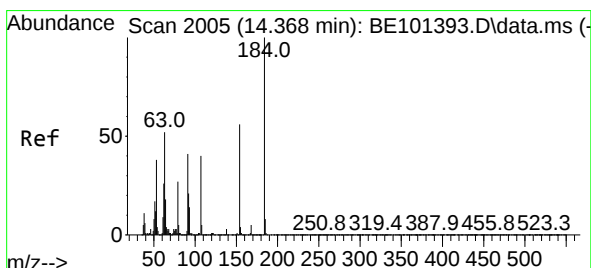
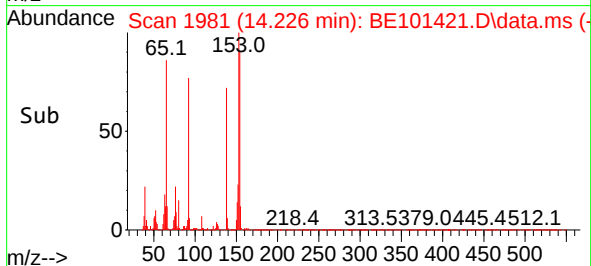
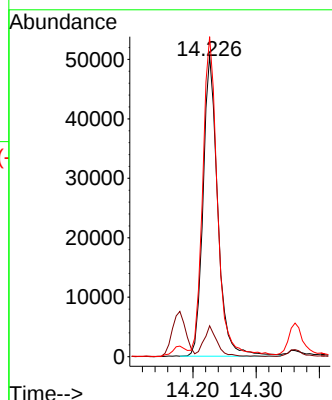
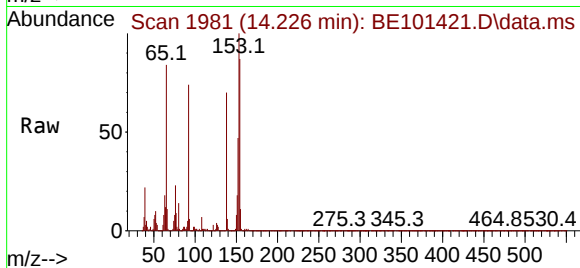
Tgt Ion:138 Resp: 81382

Ion Ratio Lower Upper

138 100

108 10.2 7.1 10.7

92 106.3 84.4 126.6



#54

2,4-Dinitrophenol

Concen: 9.977 ng

RT: 14.362 min Scan# 2004

Delta R.T. -0.006 min

Lab File: BE101421.D

Acq: 30 Oct 2024 12:58

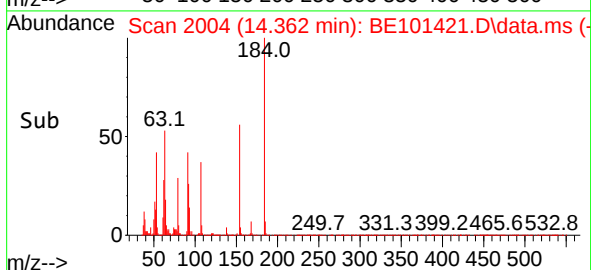
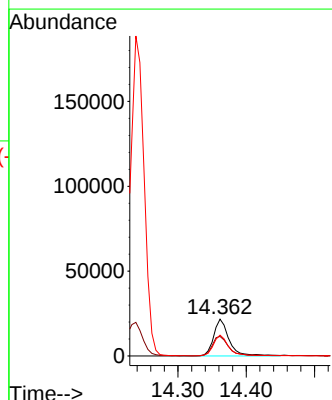
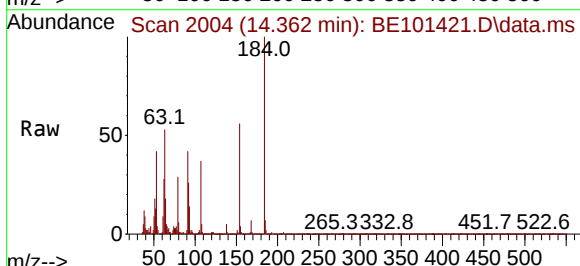
Tgt Ion:184 Resp: 33991

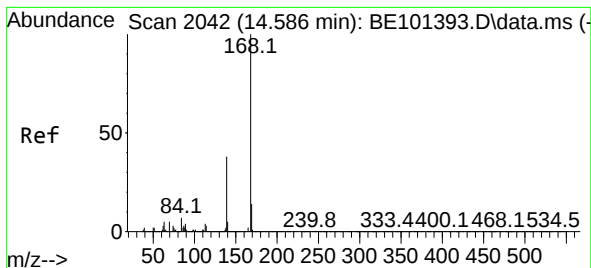
Ion Ratio Lower Upper

184 100

63 53.2 41.8 62.6

154 56.3 44.9 67.3





#55

Dibenzenofuran

Concen: 8.450 ng

RT: 14.585 min Scan# 2042

Delta R.T. -0.001 min

Lab File: BE101421.D

Acq: 30 Oct 2024 12:58

Instrument :

BNA_E

ClientSampleId :

MDL-WATER-03-QT4-2024

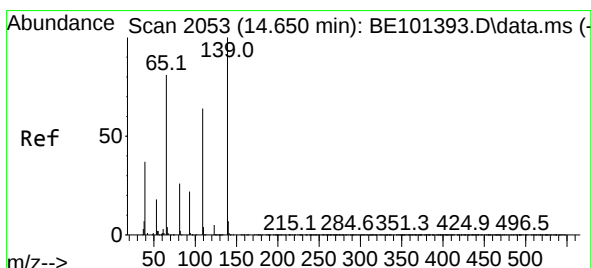
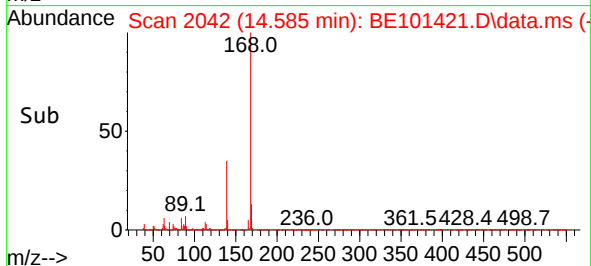
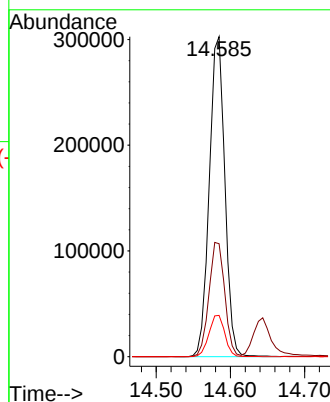
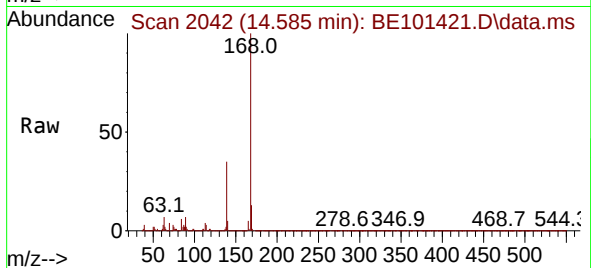
Tgt Ion:168 Resp: 440633

Ion Ratio Lower Upper

168 100

139 35.3 30.2 45.4

169 12.9 11.0 16.4



#56

4-Nitrophenol

Concen: 6.932 ng

RT: 14.644 min Scan# 2052

Delta R.T. -0.006 min

Lab File: BE101421.D

Acq: 30 Oct 2024 12:58

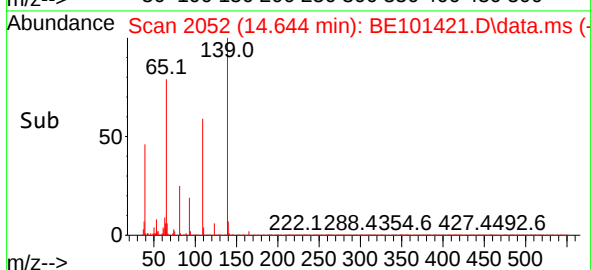
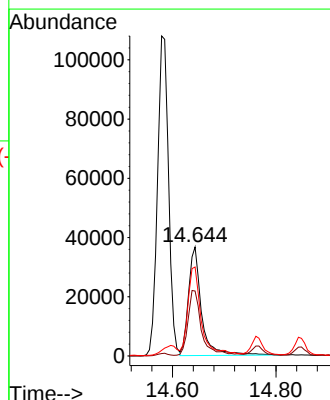
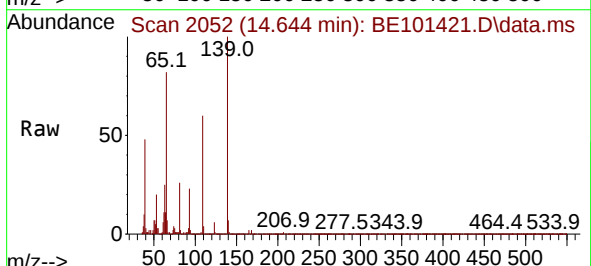
Tgt Ion:139 Resp: 64392

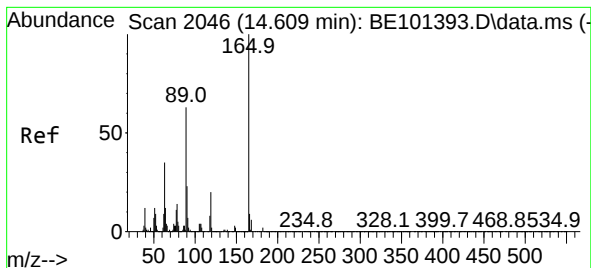
Ion Ratio Lower Upper

139 100

109 59.6 42.4 82.4

65 81.6 63.4 103.4





#57

2,4-Dinitrotoluene

Concen: 7.289 ng

RT: 14.602 min Scan# 2046

Delta R.T. -0.007 min

Lab File: BE101421.D

Acq: 30 Oct 2024 12:58

Instrument :

BNA_E

ClientSampleId :

MDL-WATER-03-QT4-2024

Tgt Ion:165 Resp: 102363

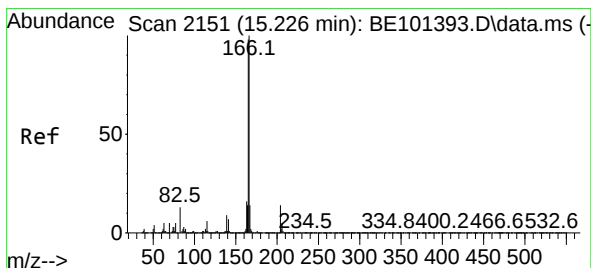
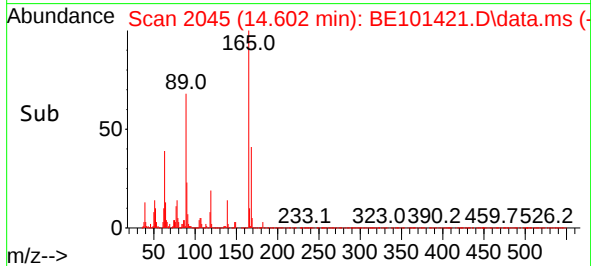
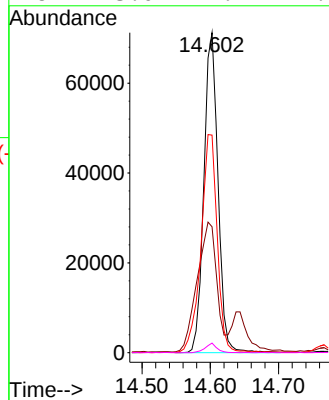
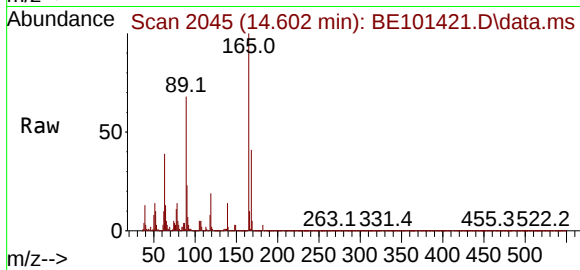
Ion Ratio Lower Upper

165 100

63 39.4 28.6 42.8

89 68.0 50.8 76.2

182 3.0 1.9 2.9#



#58

Fluorene

Concen: 8.276 ng

RT: 15.219 min Scan# 2150

Delta R.T. -0.007 min

Lab File: BE101421.D

Acq: 30 Oct 2024 12:58

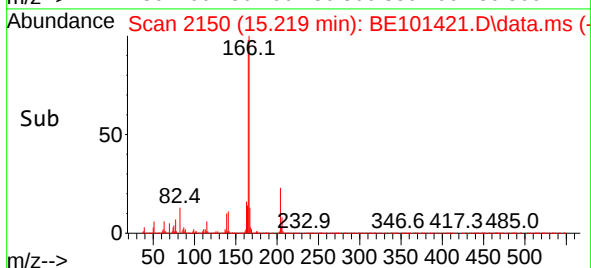
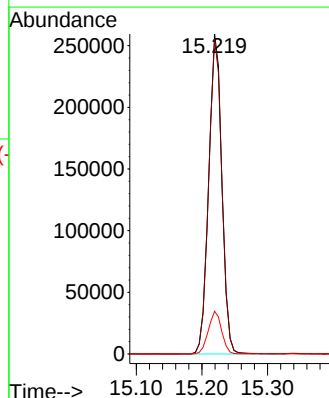
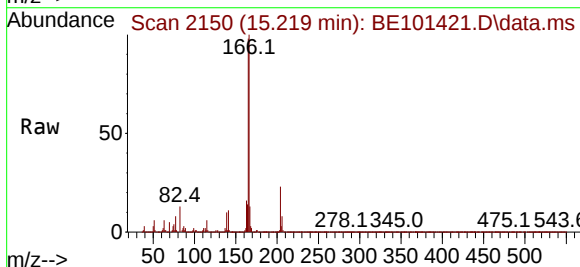
Tgt Ion:166 Resp: 361028

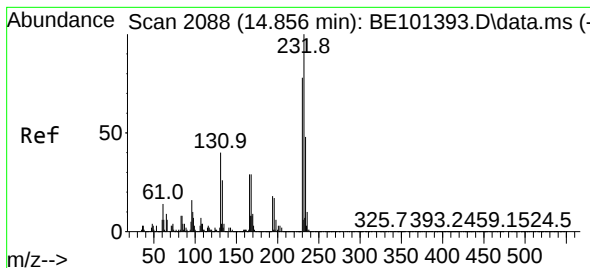
Ion Ratio Lower Upper

166 100

165 98.4 78.7 118.1

167 13.4 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 8.257 ng

RT: 14.849 min Scan# 2088

Delta R.T. -0.007 min

Lab File: BE101421.D

Acq: 30 Oct 2024 12:58

Instrument :

BNA_E

ClientSampleId :

MDL-WATER-03-QT4-2024

Tgt Ion:232 Resp: 94643

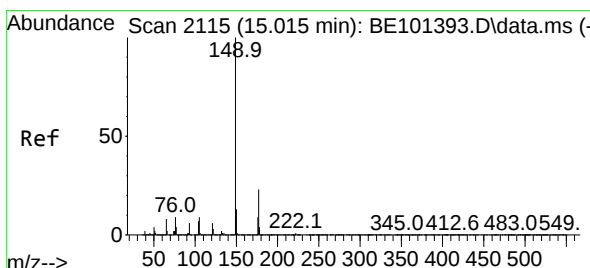
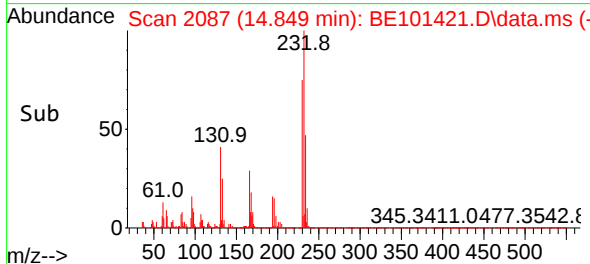
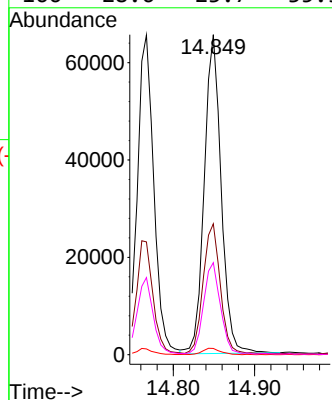
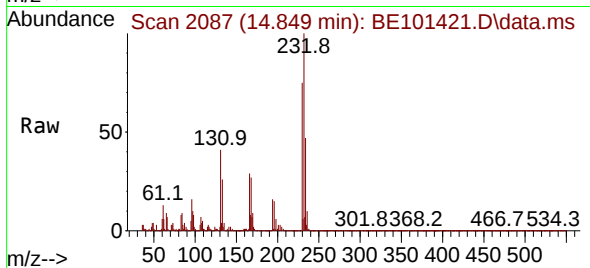
Ion Ratio Lower Upper

232 100

131 41.6 33.5 50.3

130 2.2 1.6 2.4

166 28.6 23.7 35.5



#60

Diethylphthalate

Concen: 8.226 ng

RT: 15.008 min Scan# 2114

Delta R.T. -0.007 min

Lab File: BE101421.D

Acq: 30 Oct 2024 12:58

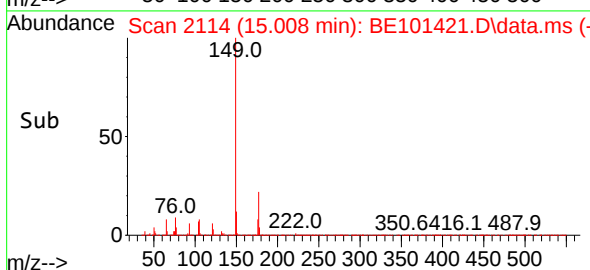
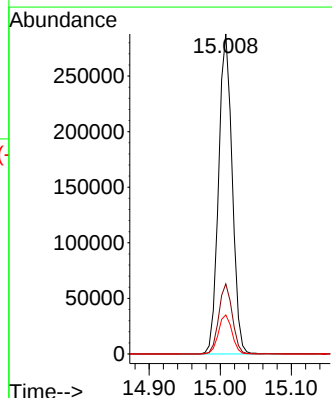
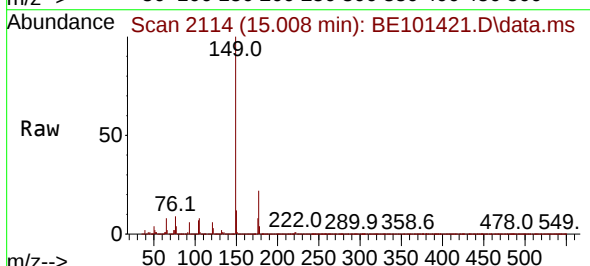
Tgt Ion:149 Resp: 380169

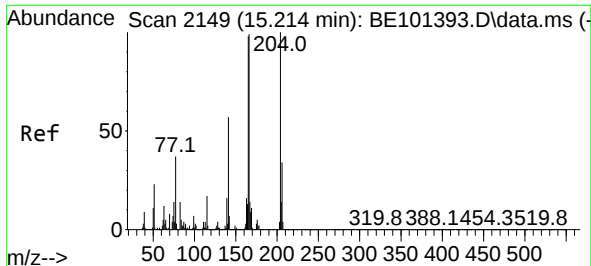
Ion Ratio Lower Upper

149 100

177 21.9 18.0 27.0

150 12.2 10.3 15.5

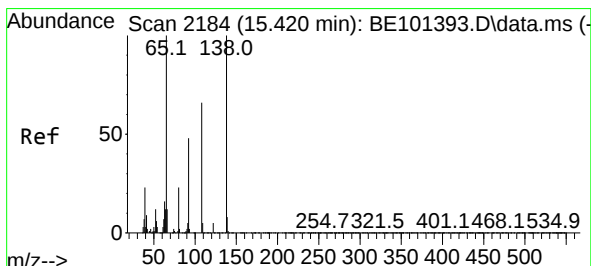
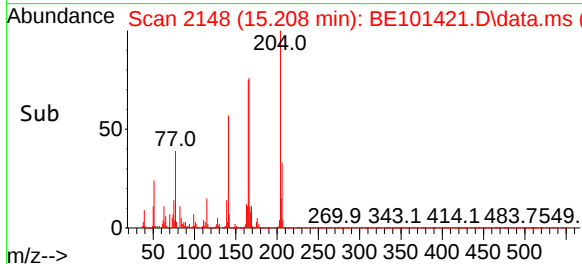
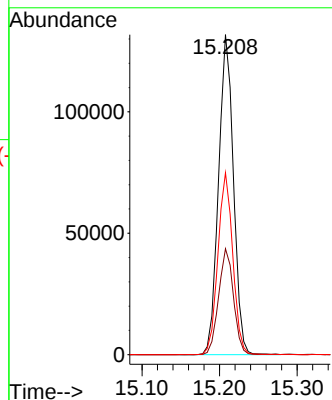
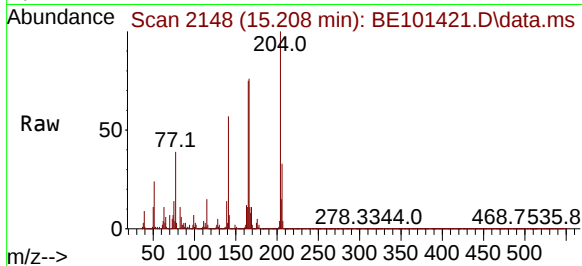




#61
4-Chlorophenyl-phenylether
Concen: 8.129 ng
RT: 15.208 min Scan# 2148
Delta R.T. -0.007 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

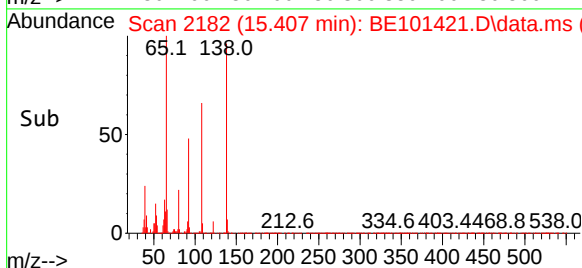
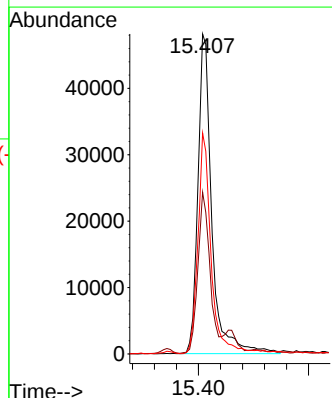
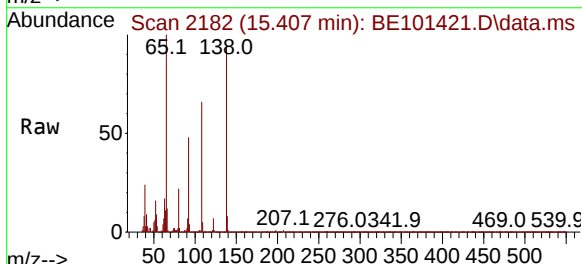
Instrument :
BNA_E
ClientSampleId :
MDL-WATER-03-QT4-2024

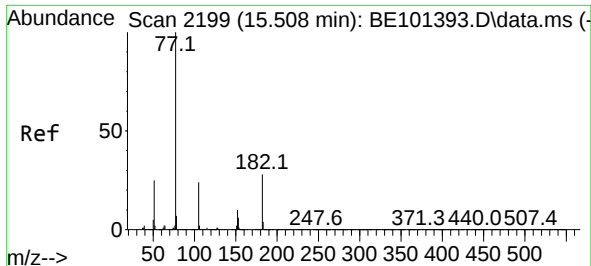
Tgt Ion:204 Resp: 175965
Ion Ratio Lower Upper
204 100
206 33.1 26.9 40.3
141 56.8 45.9 68.9



#62
4-Nitroaniline
Concen: 7.490 ng
RT: 15.407 min Scan# 2182
Delta R.T. -0.013 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

Tgt Ion:138 Resp: 84539
Ion Ratio Lower Upper
138 100
92 50.5 28.7 68.7
108 69.1 46.5 86.5

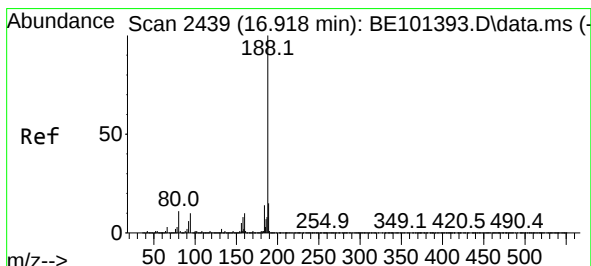
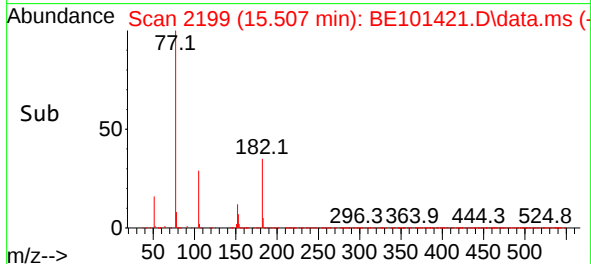
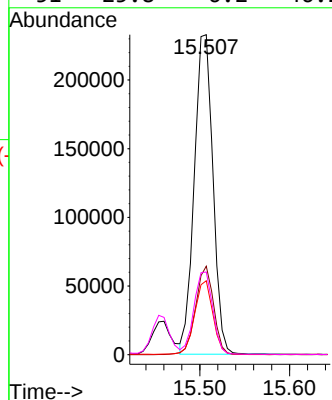
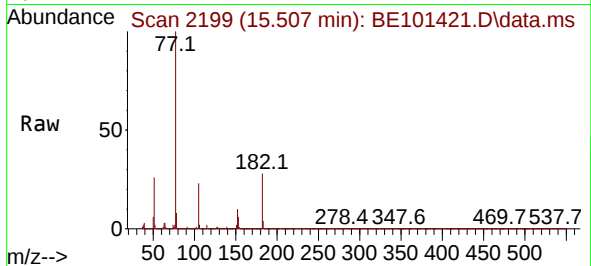




#63
Azobenzene
Concen: 8.457 ng
RT: 15.507 min Scan# 2199
Delta R.T. -0.001 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

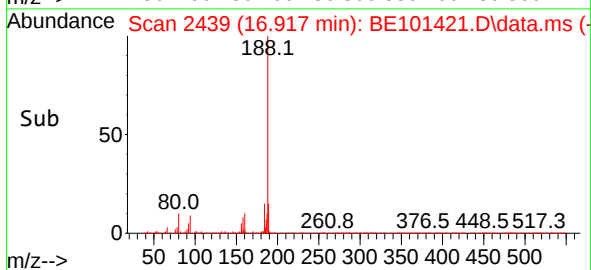
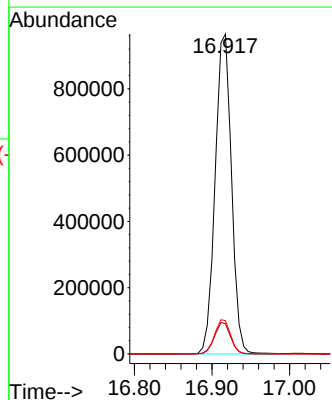
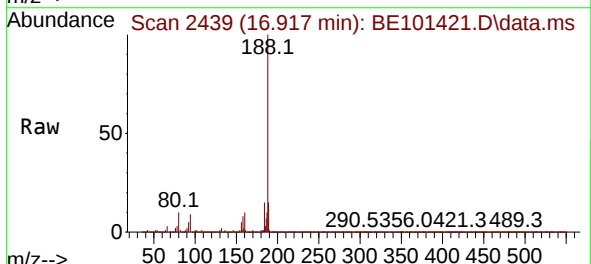
Instrument : BNA_E
ClientSampleId : MDL-WATER-03-QT4-2024

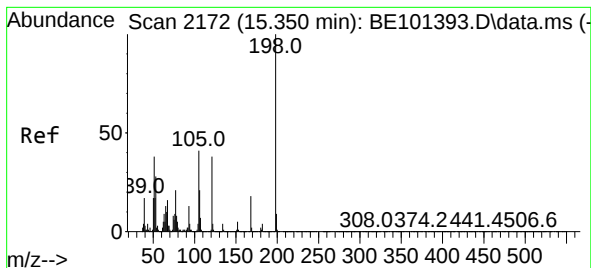
Tgt Ion: 77	Resp: 335969
Ion Ratio	Lower Upper
77 100	
182 27.6	7.6 47.6
105 23.1	3.2 43.2
51 25.8	6.2 46.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.917 min Scan# 2439
Delta R.T. -0.001 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

Tgt Ion:188	Resp: 1414297		
Ion Ratio	Lower	Upper	
188 100			
94 9.4	7.8	11.8	
80 10.4	8.6	12.8	

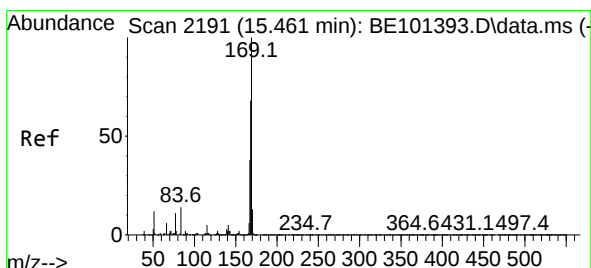
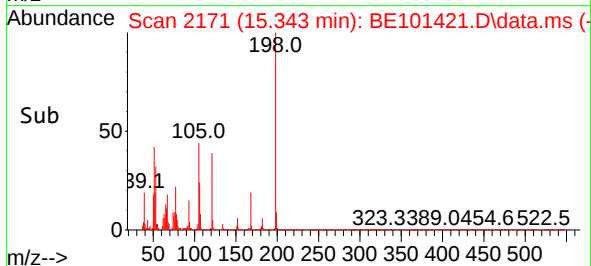
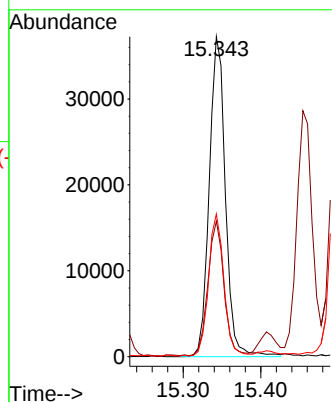
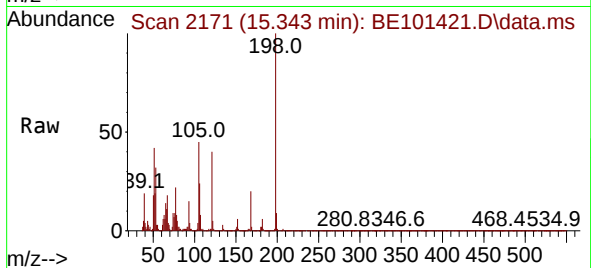




#65
4,6-Dinitro-2-methylphenol
Concen: 6.476 ng
RT: 15.343 min Scan# 2171
Delta R.T. -0.007 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

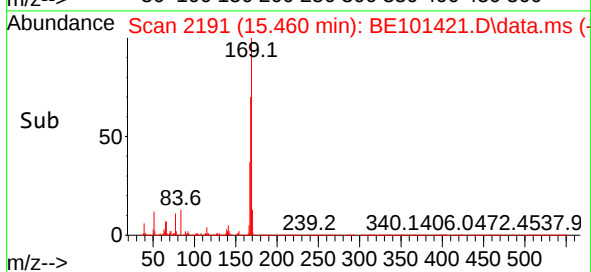
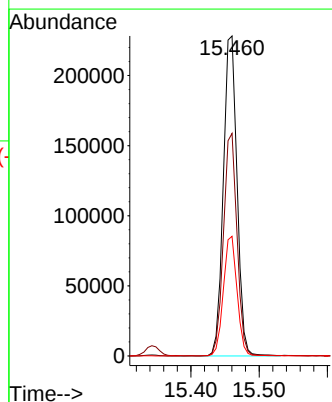
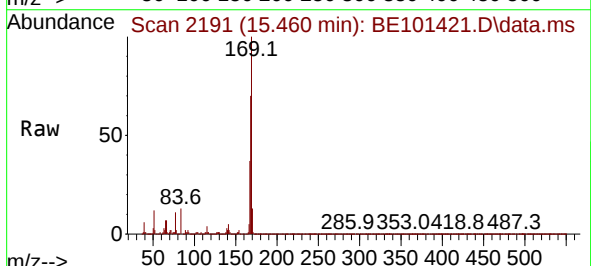
Instrument : BNA_E
ClientSampleId : MDL-WATER-03-QT4-2024

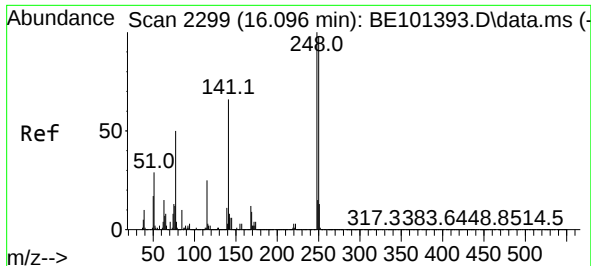
Tgt Ion:198 Resp: 53817
Ion Ratio Lower Upper
198 100
51 42.4 18.2 58.2
105 44.6 21.5 61.5



#66
n-Nitrosodiphenylamine
Concen: 8.508 ng
RT: 15.460 min Scan# 2191
Delta R.T. -0.001 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

Tgt Ion:169 Resp: 319080
Ion Ratio Lower Upper
169 100
168 69.5 54.5 81.7
167 37.4 30.4 45.6

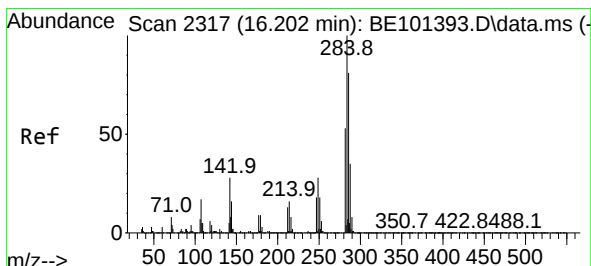
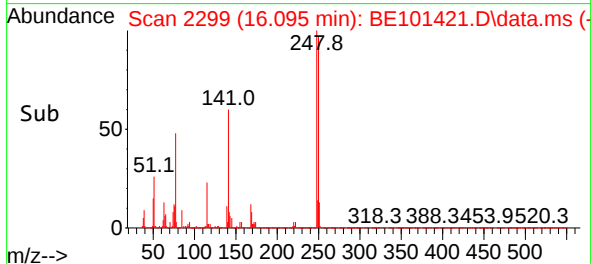
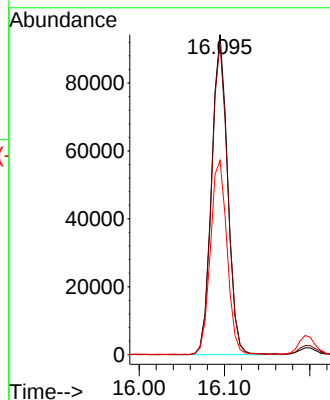
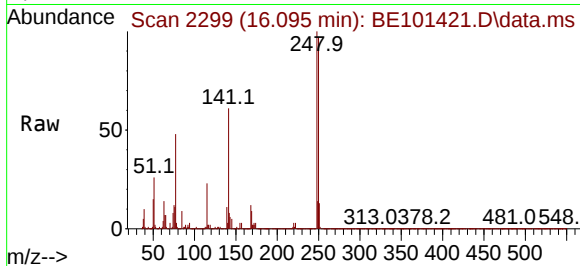




#67
4-Bromophenyl-phenylether
Concen: 8.266 ng
RT: 16.095 min Scan# 21
Delta R.T. -0.001 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

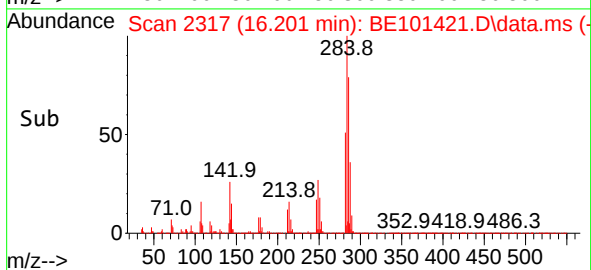
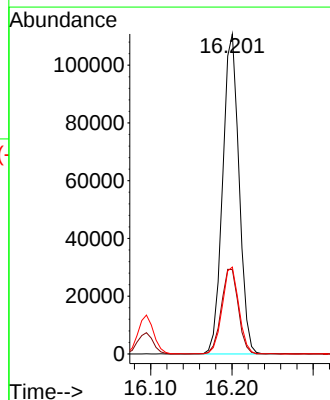
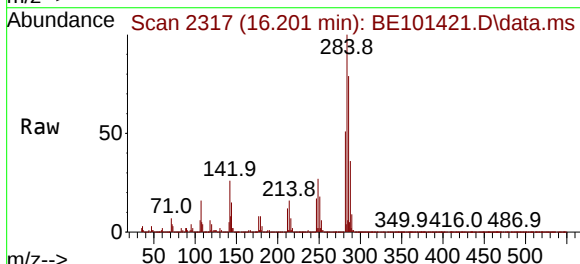
Instrument :
BNA_E
ClientSampleId :
MDL-WATER-03-QT4-2024

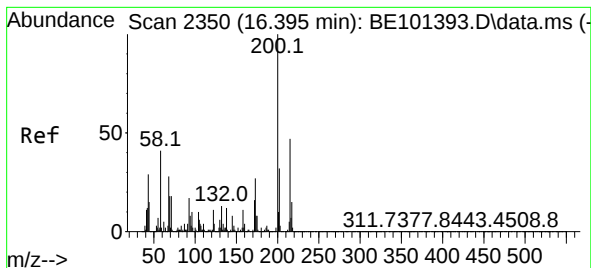
Tgt Ion:248 Resp: 122976
Ion Ratio Lower Upper
248 100
250 97.4 78.2 117.2
141 60.7 53.0 79.4



#68
Hexachlorobenzene
Concen: 7.957 ng
RT: 16.201 min Scan# 2317
Delta R.T. -0.001 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

Tgt Ion:284 Resp: 155173
Ion Ratio Lower Upper
284 100
142 26.3 22.2 33.2
249 27.2 22.8 34.2





#69

Atrazine

Concen: 10.267 ng

RT: 16.389 min Scan# 21

Delta R.T. -0.006 min

Lab File: BE101421.D

Acq: 30 Oct 2024 12:58

Instrument :

BNA_E

ClientSampleId :

MDL-WATER-03-QT4-2024

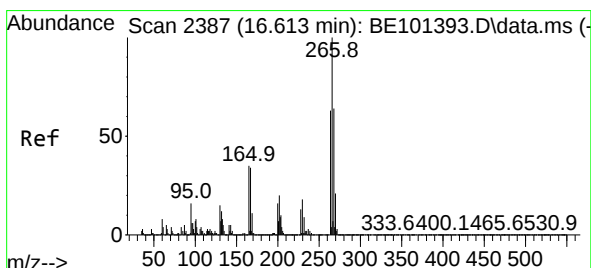
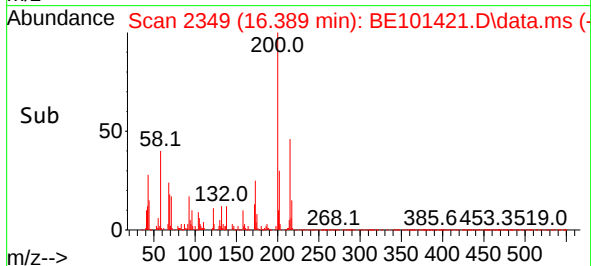
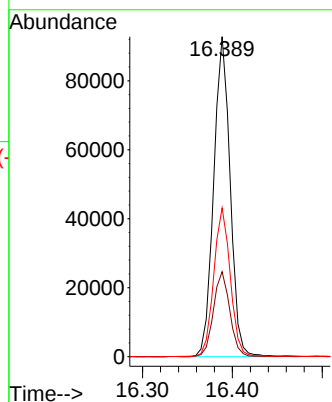
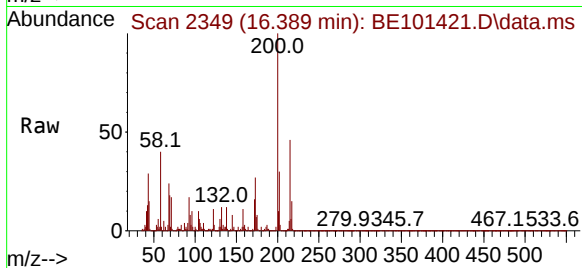
Tgt Ion:200 Resp: 118057

Ion Ratio Lower Upper

200 100

173 26.5 7.0 47.0

215 46.5 27.3 67.3



#70

Pentachlorophenol

Concen: 7.042 ng

RT: 16.606 min Scan# 2386

Delta R.T. -0.007 min

Lab File: BE101421.D

Acq: 30 Oct 2024 12:58

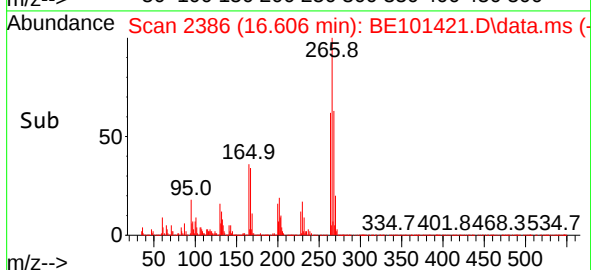
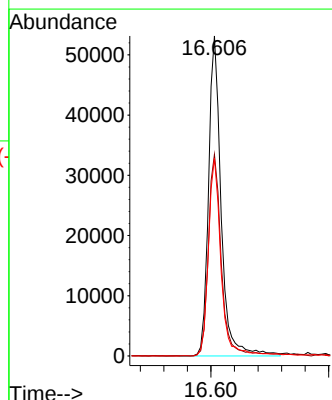
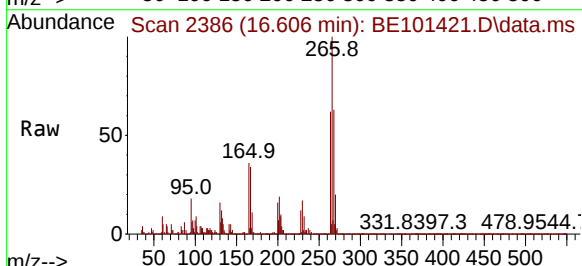
Tgt Ion:266 Resp: 79046

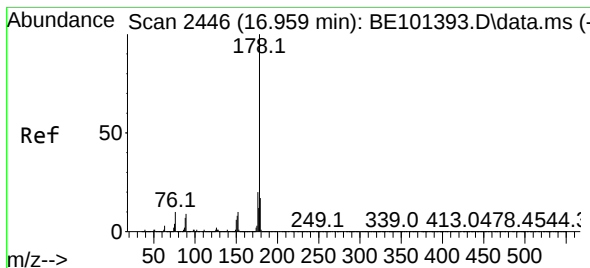
Ion Ratio Lower Upper

266 100

268 63.0 51.5 77.3

264 61.9 50.7 76.1





#71

Phenanthrene

Concen: 8.842 ng

RT: 16.953 min Scan# 2446

Delta R.T. -0.007 min

Lab File: BE101421.D

Acq: 30 Oct 2024 12:58

Instrument :

BNA_E

ClientSampleId :

MDL-WATER-03-QT4-2024

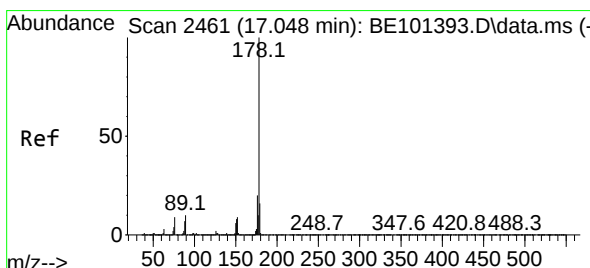
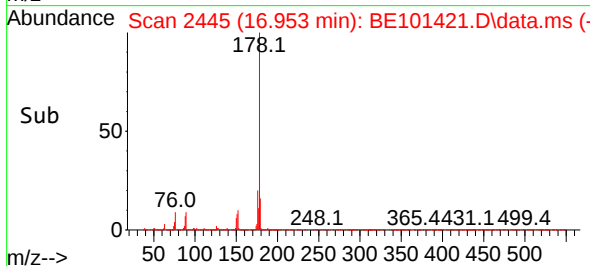
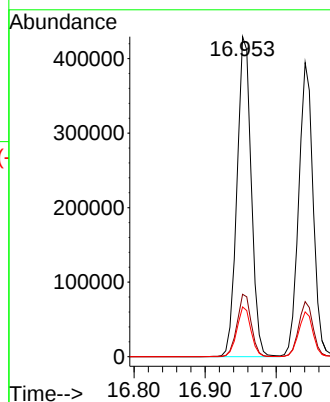
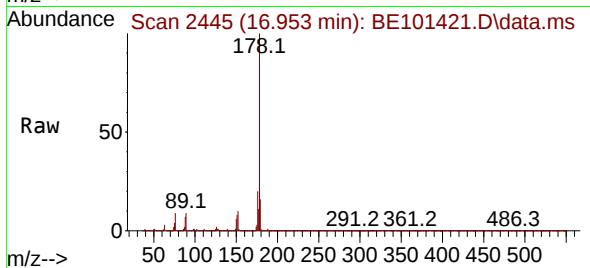
Tgt Ion:178 Resp: 598712

Ion Ratio Lower Upper

178 100

176 19.5 16.4 24.6

179 15.5 13.2 19.8



#72

Anthracene

Concen: 8.369 ng

RT: 17.041 min Scan# 2460

Delta R.T. -0.007 min

Lab File: BE101421.D

Acq: 30 Oct 2024 12:58

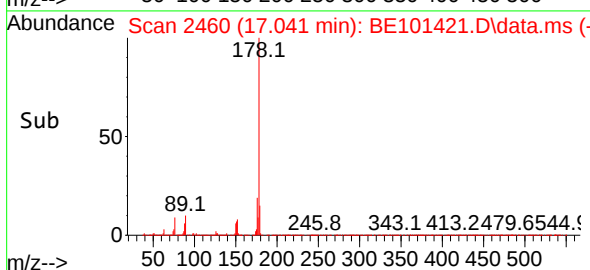
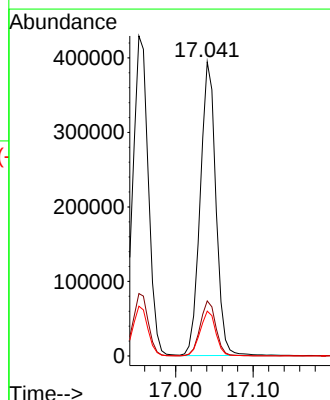
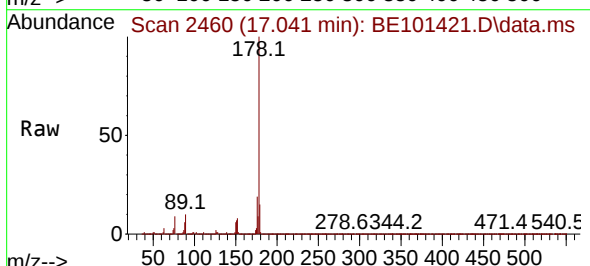
Tgt Ion:178 Resp: 553351

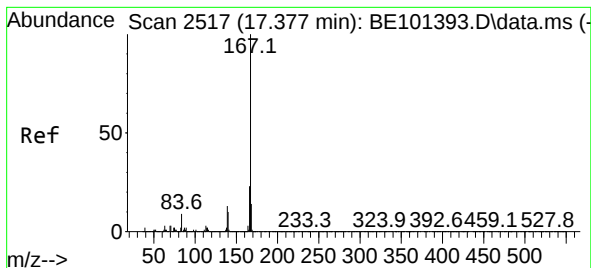
Ion Ratio Lower Upper

178 100

176 18.7 15.9 23.9

179 15.3 13.1 19.7





#73

Carbazole

Concen: 8.346 ng

RT: 17.370 min Scan# 2517

Delta R.T. -0.007 min

Lab File: BE101421.D

Acq: 30 Oct 2024 12:58

Instrument :

BNA_E

ClientSampleId :

MDL-WATER-03-QT4-2024

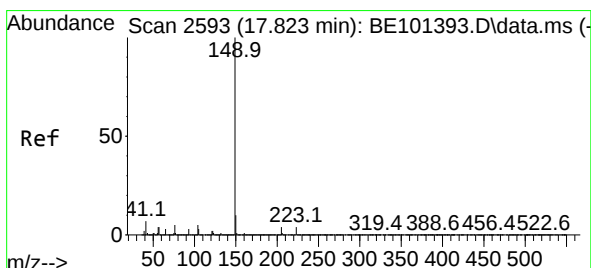
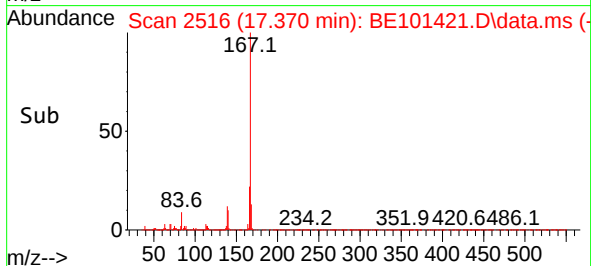
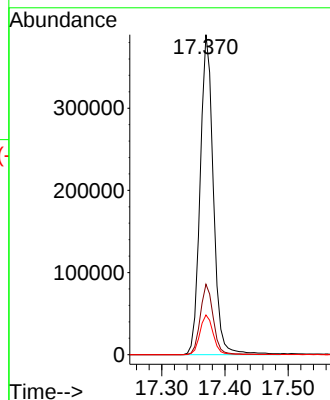
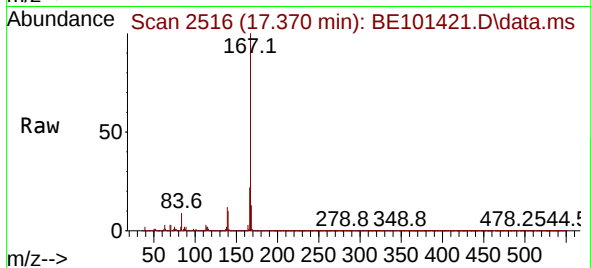
Tgt Ion:167 Resp: 564645

Ion Ratio Lower Upper

167 100

166 22.0 18.3 27.5

139 12.4 10.8 16.2



#74

Di-n-butylphthalate

Concen: 8.971 ng

RT: 17.822 min Scan# 2593

Delta R.T. -0.001 min

Lab File: BE101421.D

Acq: 30 Oct 2024 12:58

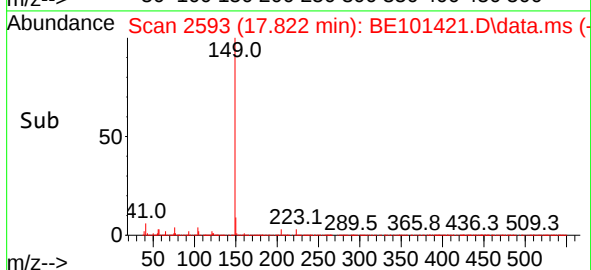
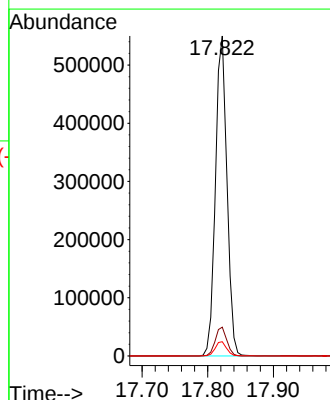
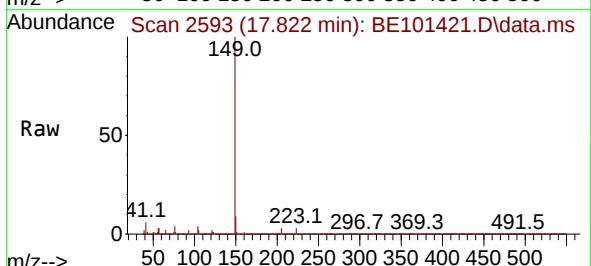
Tgt Ion:149 Resp: 668186

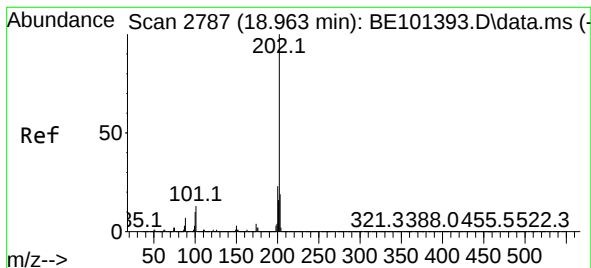
Ion Ratio Lower Upper

149 100

150 9.0 8.2 12.4

104 4.4 3.9 5.9





#75

Fluoranthene

Concen: 8.716 ng

RT: 18.956 min Scan# 21

Delta R.T. -0.007 min

Lab File: BE101421.D

Acq: 30 Oct 2024 12:58

Instrument :

BNA_E

ClientSampleId :

MDL-WATER-03-QT4-2024

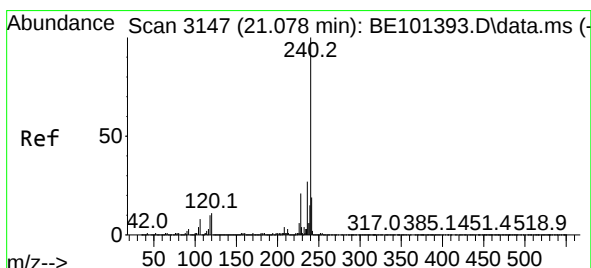
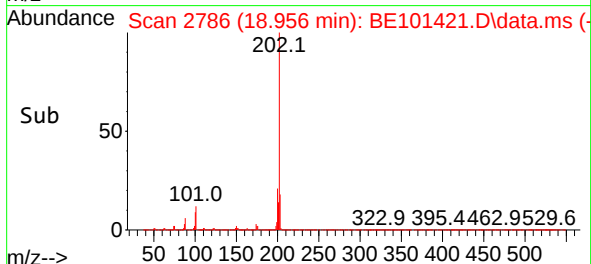
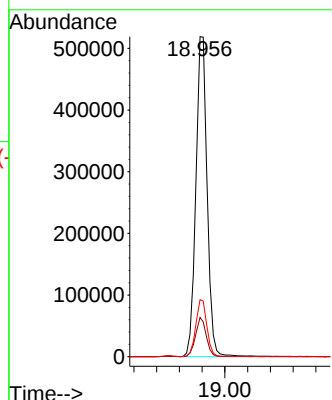
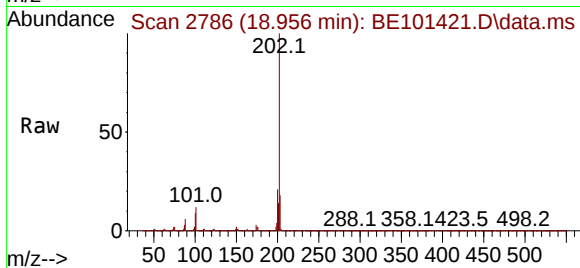
Tgt Ion:202 Resp: 716842

Ion Ratio Lower Upper

202 100

101 12.3 0.0 33.3

203 17.8 0.0 39.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.077 min Scan# 3147

Delta R.T. -0.001 min

Lab File: BE101421.D

Acq: 30 Oct 2024 12:58

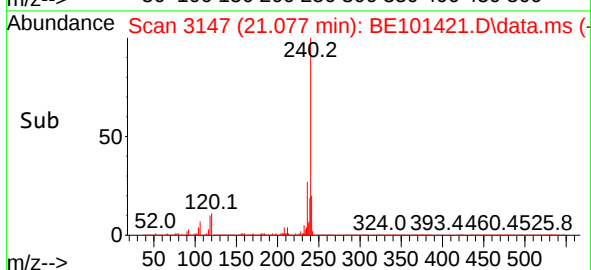
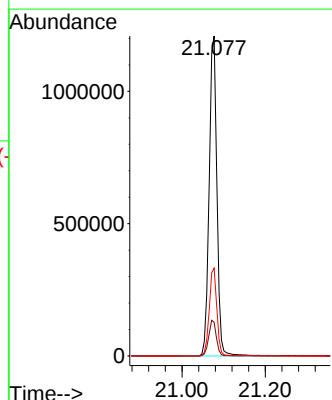
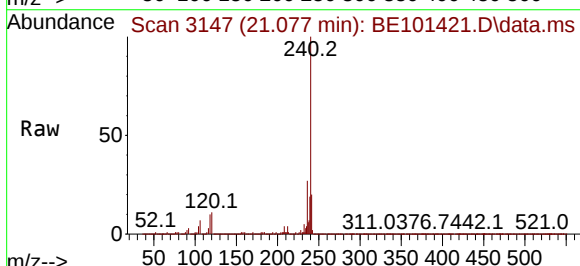
Tgt Ion:240 Resp: 1568221

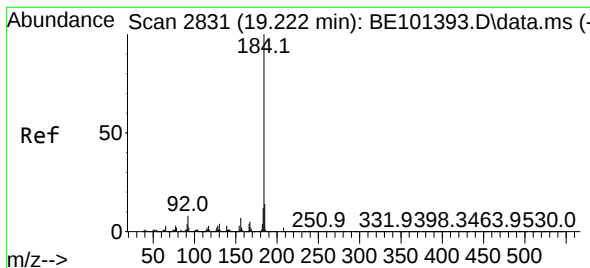
Ion Ratio Lower Upper

240 100

120 10.6 9.0 13.4

236 27.4 21.4 32.0





#77

Benzidine

Concen: 10.541 ng

RT: 19.215 min Scan# 21

Delta R.T. -0.007 min

Lab File: BE101421.D

Acq: 30 Oct 2024 12:58

Instrument :

BNA_E

ClientSampleId :

MDL-WATER-03-QT4-2024

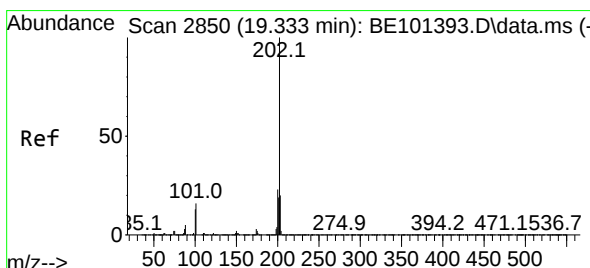
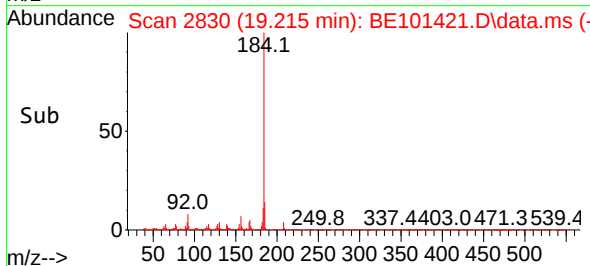
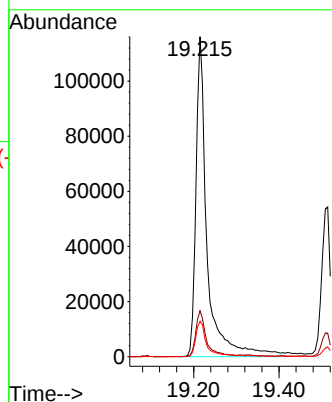
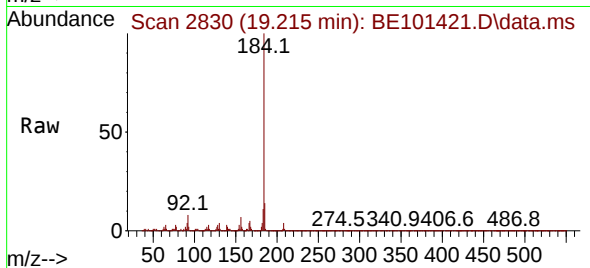
Tgt Ion:184 Resp: 209796

Ion Ratio Lower Upper

184 100

185 14.4 11.5 17.3

183 11.1 9.3 13.9



#78

Pyrene

Concen: 8.837 ng

RT: 19.326 min Scan# 2849

Delta R.T. -0.007 min

Lab File: BE101421.D

Acq: 30 Oct 2024 12:58

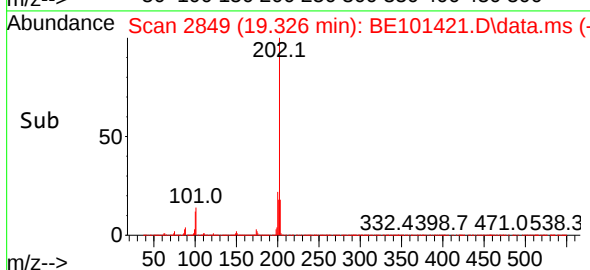
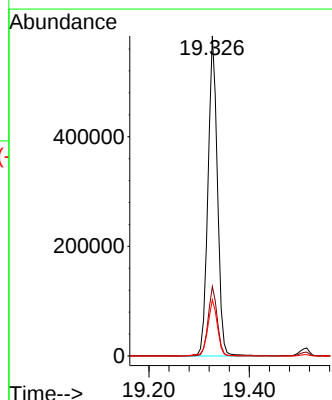
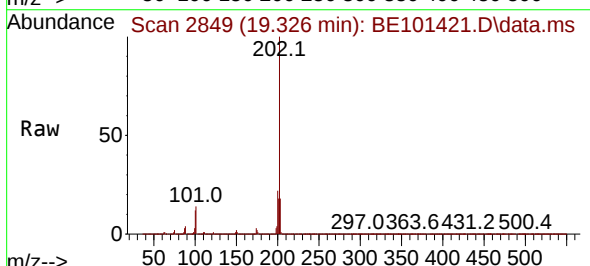
Tgt Ion:202 Resp: 762072

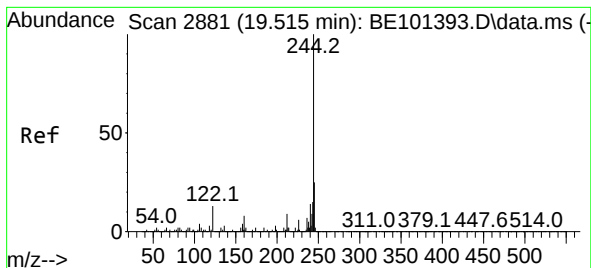
Ion Ratio Lower Upper

202 100

200 21.7 18.6 28.0

203 17.5 15.6 23.4





#79

Terphenyl-d14

Concen: 68.609 ng

RT: 19.514 min Scan# 2881

Delta R.T. -0.001 min

Lab File: BE101421.D

Acq: 30 Oct 2024 12:58

Instrument :

BNA_E

ClientSampleId :

MDL-WATER-03-QT4-2024

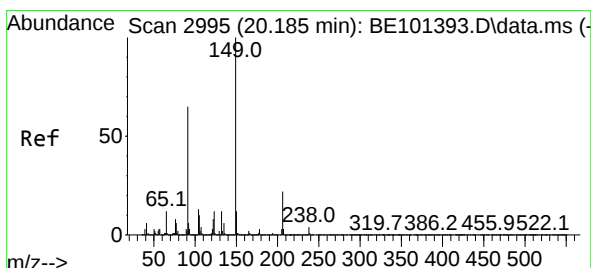
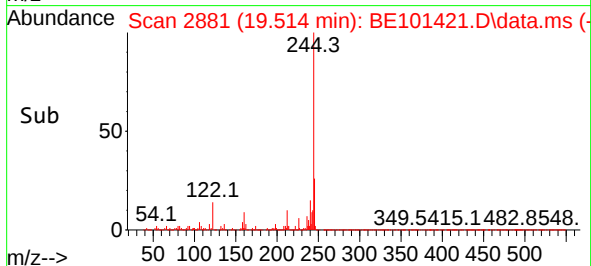
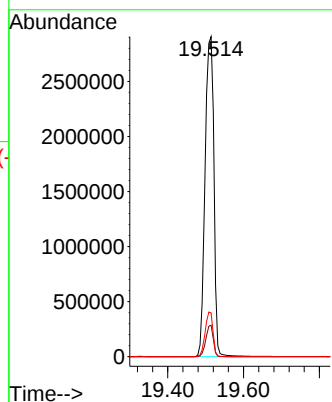
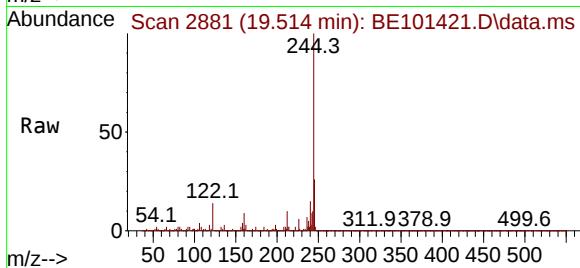
Tgt Ion:244 Resp: 4674866

Ion Ratio Lower Upper

244 100

212 9.8 7.2 10.8

122 13.7 10.4 15.6



#80

Butylbenzylphthalate

Concen: 8.801 ng

RT: 20.178 min Scan# 2994

Delta R.T. -0.007 min

Lab File: BE101421.D

Acq: 30 Oct 2024 12:58

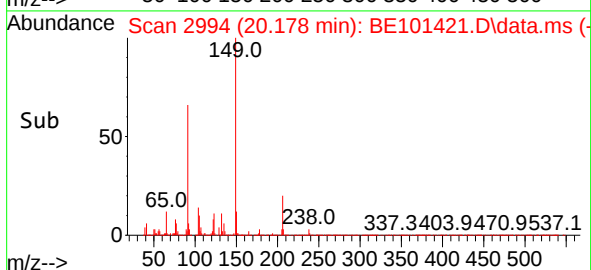
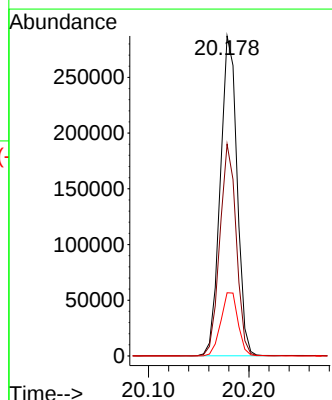
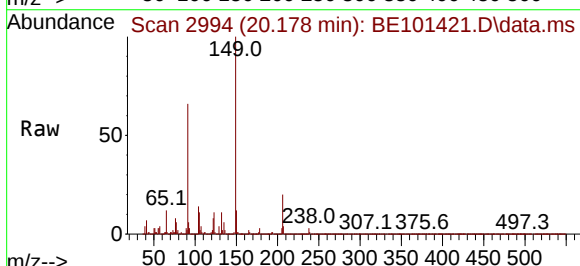
Tgt Ion:149 Resp: 332749

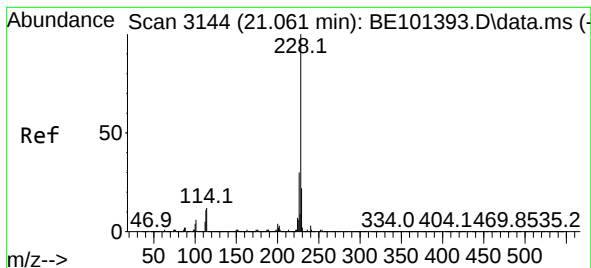
Ion Ratio Lower Upper

149 100

91 66.2 51.8 77.8

206 19.8 17.4 26.2





#81

Benzo(a)anthracene

Concen: 9.318 ng

RT: 21.054 min Scan# 3143

Delta R.T. -0.007 min

Lab File: BE101421.D

Acq: 30 Oct 2024 12:58

Instrument :

BNA_E

ClientSampleId :

MDL-WATER-03-QT4-2024

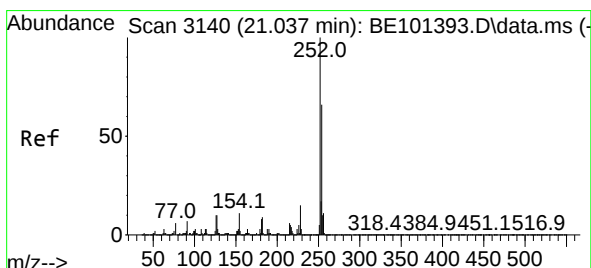
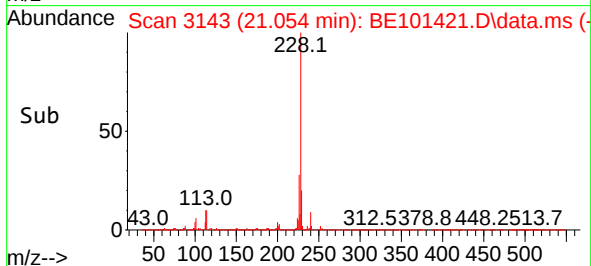
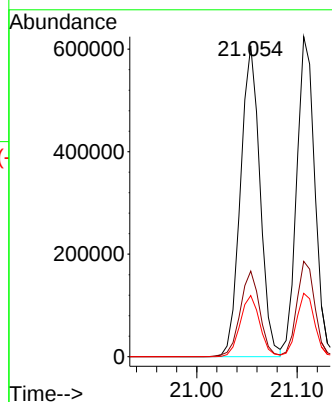
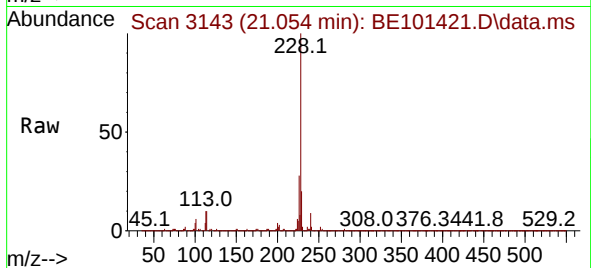
Tgt Ion:228 Resp: 821327

Ion Ratio Lower Upper

228 100

226 27.6 24.1 36.1

229 19.7 17.3 25.9



#82

3,3'-Dichlorobenzidine

Concen: 8.776 ng

RT: 21.030 min Scan# 3139

Delta R.T. -0.007 min

Lab File: BE101421.D

Acq: 30 Oct 2024 12:58

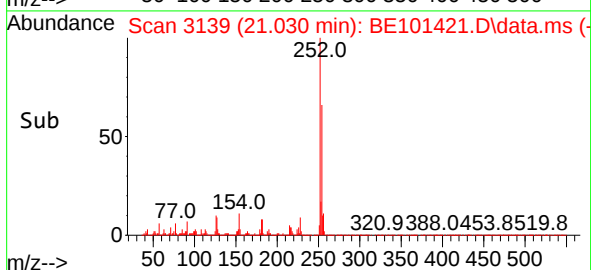
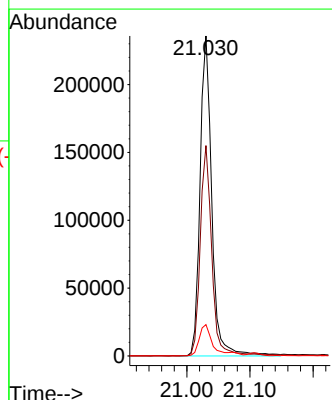
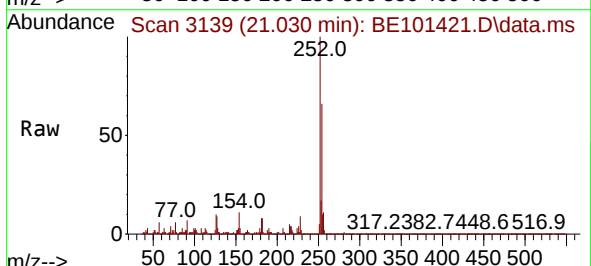
Tgt Ion:252 Resp: 303031

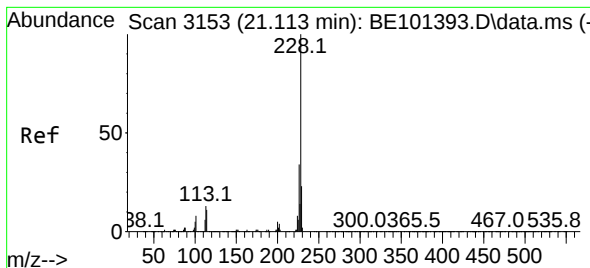
Ion Ratio Lower Upper

252 100

254 65.7 52.6 78.8

126 9.8 7.7 11.5





#83

Chrysene

Concen: 9.267 ng

RT: 21.107 min Scan# 3153

Delta R.T. -0.007 min

Lab File: BE101421.D

Acq: 30 Oct 2024 12:58

Instrument :

BNA_E

ClientSampleId :

MDL-WATER-03-QT4-2024

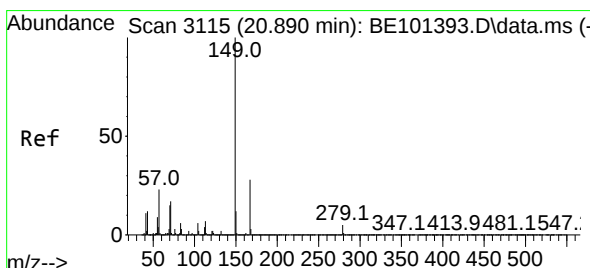
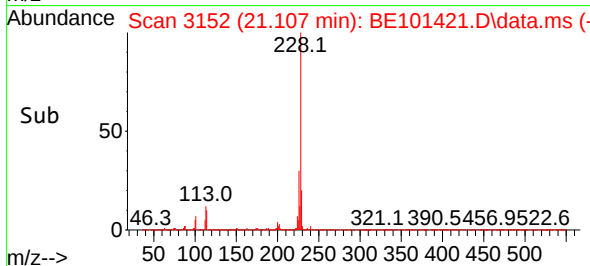
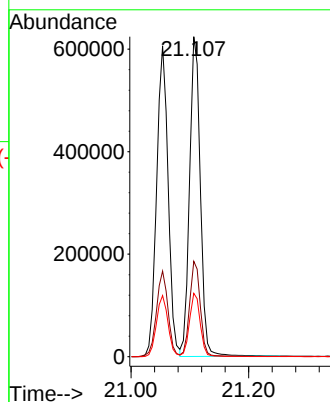
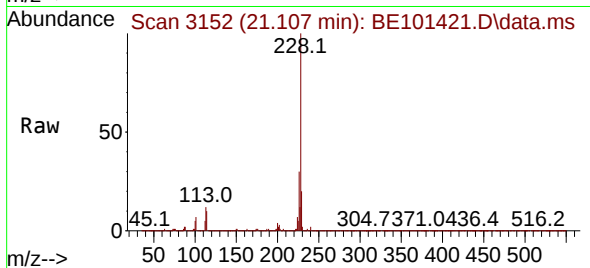
Tgt Ion:228 Resp: 789735

Ion Ratio Lower Upper

228 100

226 29.8 27.2 40.8

229 19.8 18.0 27.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 9.126 ng

RT: 20.883 min Scan# 3114

Delta R.T. -0.007 min

Lab File: BE101421.D

Acq: 30 Oct 2024 12:58

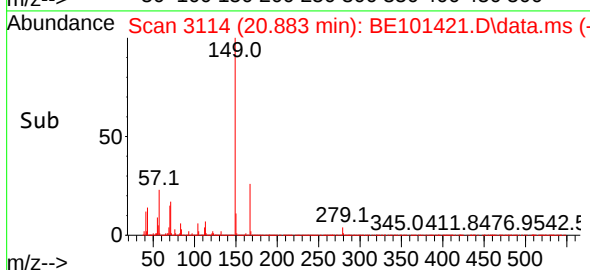
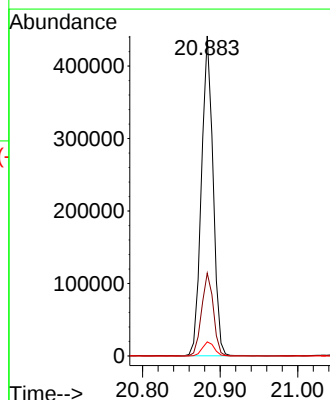
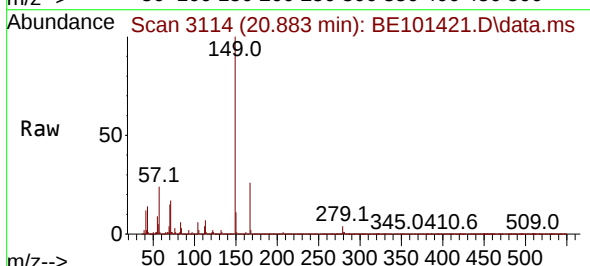
Tgt Ion:149 Resp: 458354

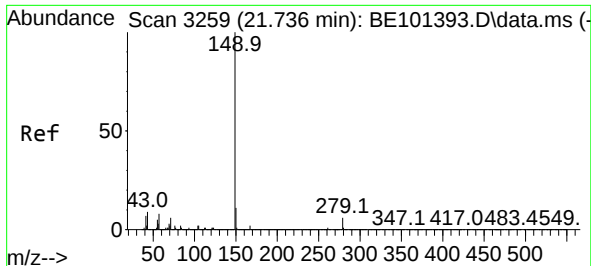
Ion Ratio Lower Upper

149 100

167 25.9 22.7 34.1

279 4.4 4.3 6.5

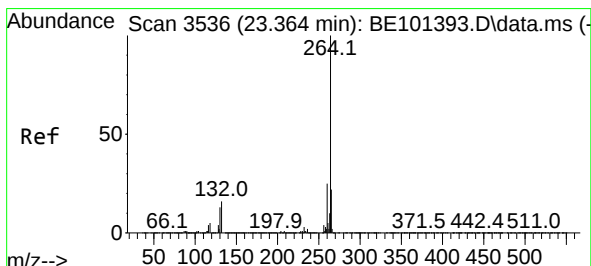
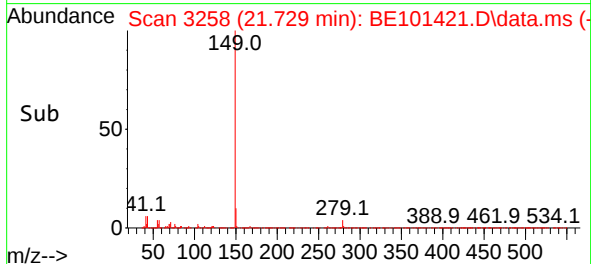
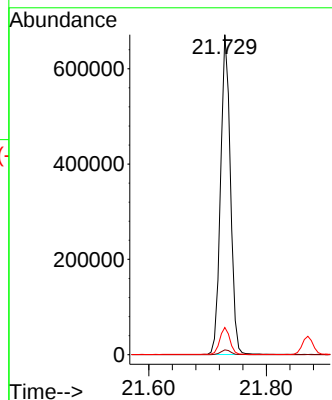
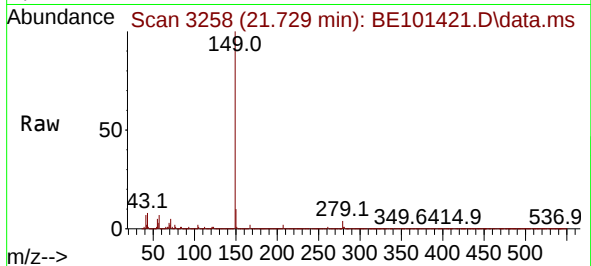




#85
Di-n-octyl phthalate
Concen: 9.486 ng
RT: 21.729 min Scan# 31
Delta R.T. -0.007 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

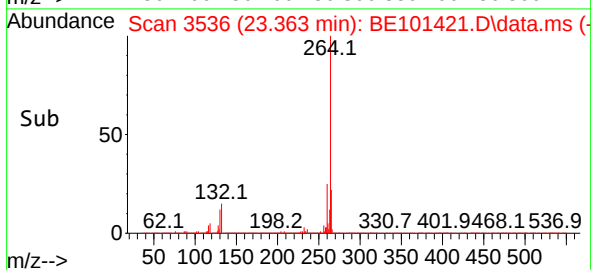
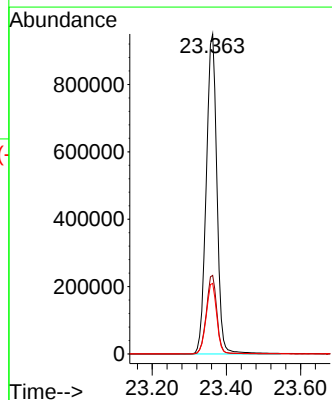
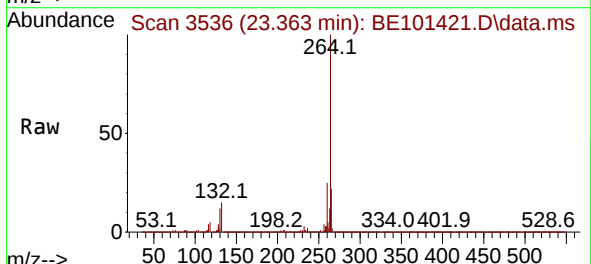
Instrument :
BNA_E
ClientSampleId :
MDL-WATER-03-QT4-2024

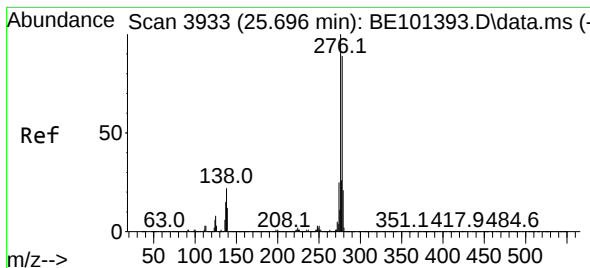
Tgt Ion:149 Resp: 781966
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 8.7 7.0 10.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.363 min Scan# 3536
Delta R.T. -0.001 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

Tgt Ion:264 Resp: 1897526
Ion Ratio Lower Upper
264 100
260 24.5 19.8 29.8
265 22.1 17.6 26.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 8.829 ng

RT: 25.666 min Scan# 3928

Delta R.T. -0.030 min

Lab File: BE101421.D

Acq: 30 Oct 2024 12:58

Instrument :

BNA_E

ClientSampleId :

MDL-WATER-03-QT4-2024

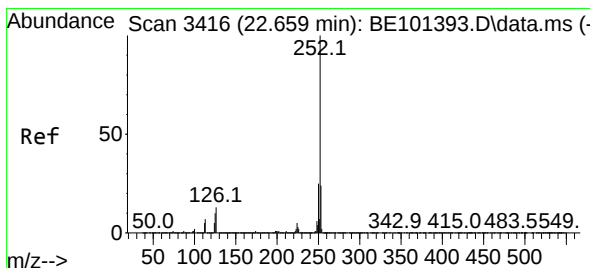
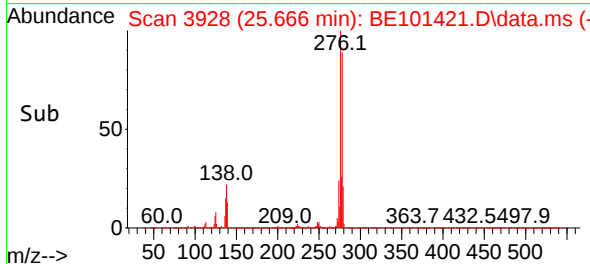
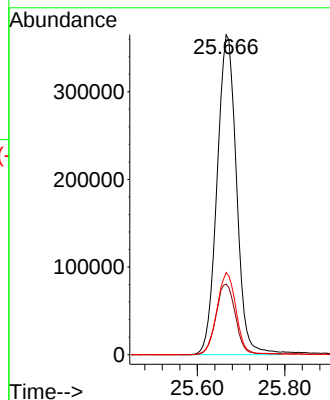
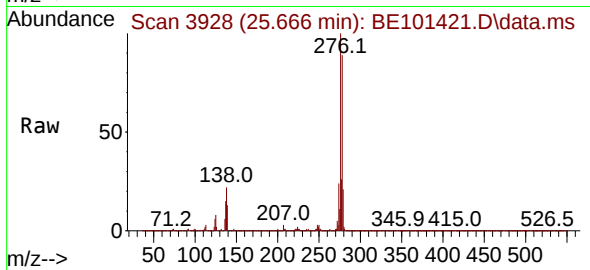
Tgt Ion:276 Resp: 1121258

Ion Ratio Lower Upper

276 100

138 22.4 17.8 26.8

277 25.5 20.5 30.7



#88

Benzo(b)fluoranthene

Concen: 8.800 ng

RT: 22.646 min Scan# 3414

Delta R.T. -0.013 min

Lab File: BE101421.D

Acq: 30 Oct 2024 12:58

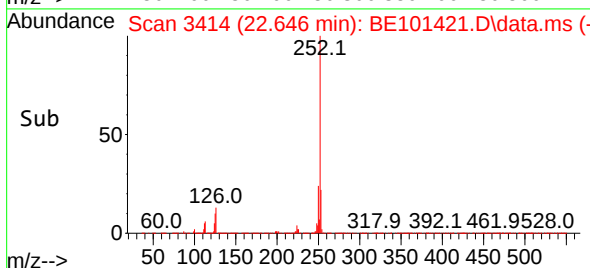
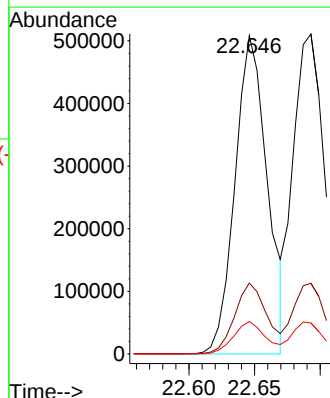
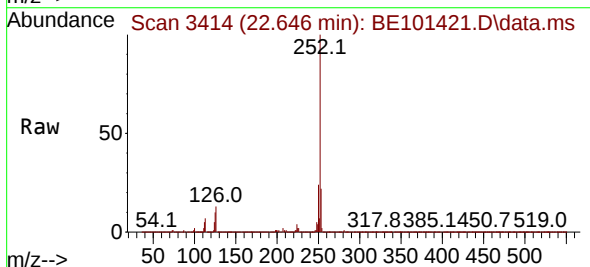
Tgt Ion:252 Resp: 870185

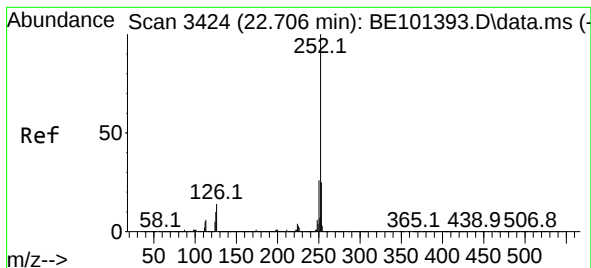
Ion Ratio Lower Upper

252 100

253 22.3 19.0 28.6

125 10.2 8.2 12.2





#89

Benzo(k)fluoranthene

Concen: 9.412 ng

RT: 22.693 min Scan# 3424

Delta R.T. -0.013 min

Lab File: BE101421.D

Acq: 30 Oct 2024 12:58

Instrument :

BNA_E

ClientSampleId :

MDL-WATER-03-QT4-2024

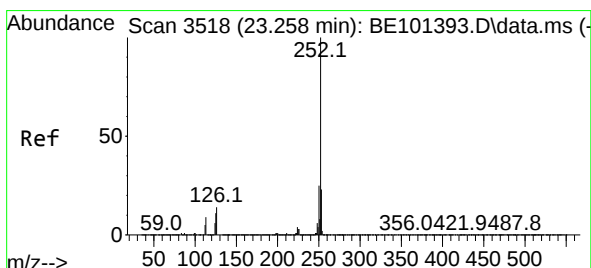
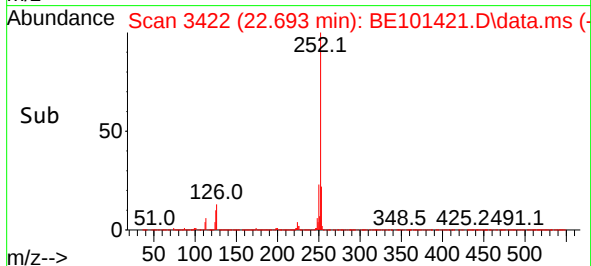
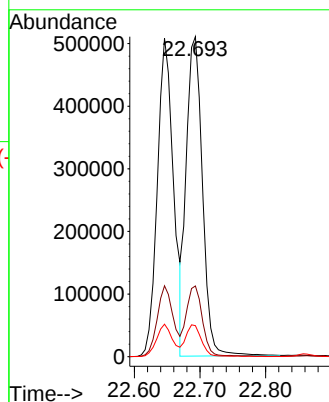
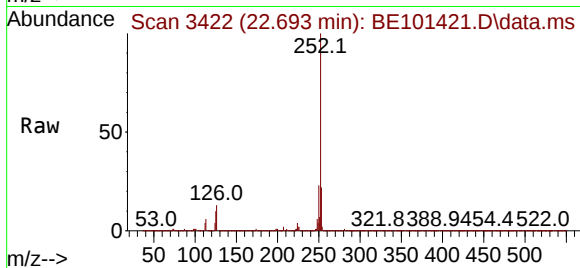
Tgt Ion:252 Resp: 869558

Ion Ratio Lower Upper

252 100

253 22.1 19.4 29.2

125 9.7 8.2 12.2



#90

Benzo(a)pyrene

Concen: 9.230 ng

RT: 23.245 min Scan# 3516

Delta R.T. -0.013 min

Lab File: BE101421.D

Acq: 30 Oct 2024 12:58

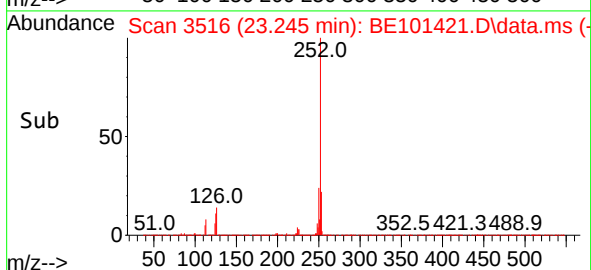
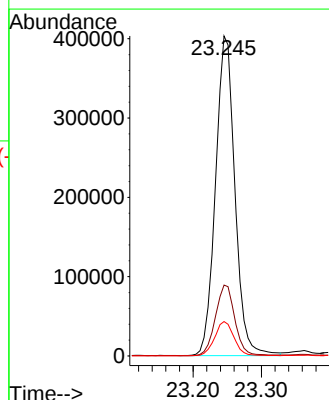
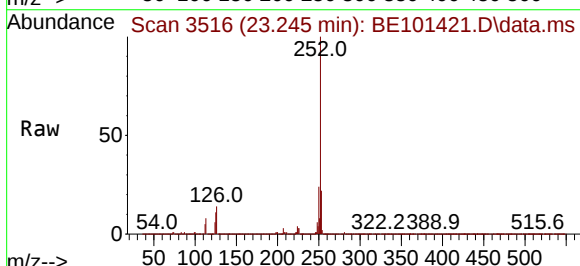
Tgt Ion:252 Resp: 798264

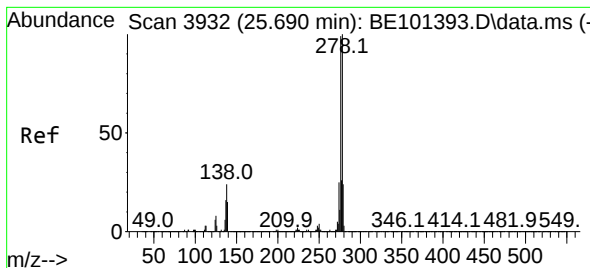
Ion Ratio Lower Upper

252 100

253 22.2 18.4 27.6

125 10.8 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 8.919 ng

RT: 25.666 min Scan# 3932

Delta R.T. -0.025 min

Lab File: BE101421.D

Acq: 30 Oct 2024 12:58

Instrument :

BNA_E

ClientSampleId :

MDL-WATER-03-QT4-2024

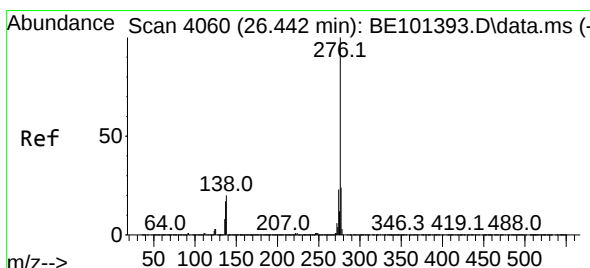
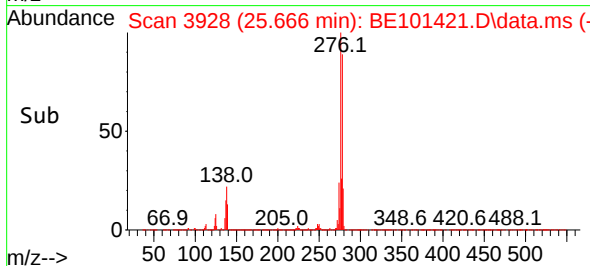
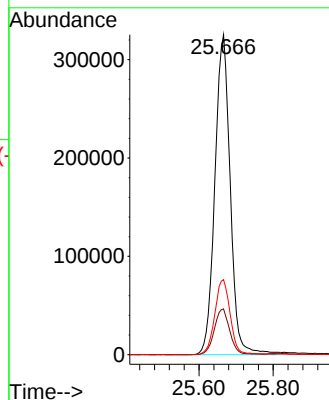
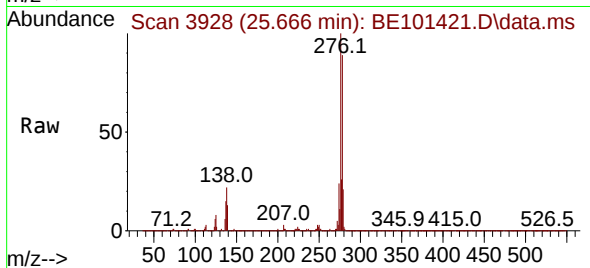
Tgt Ion:278 Resp: 935888

Ion Ratio Lower Upper

278 100

139 14.3 11.9 17.9

279 23.4 19.3 28.9



#92

Benzo(g,h,i)perylene

Concen: 7.999 ng

RT: 26.412 min Scan# 4055

Delta R.T. -0.030 min

Lab File: BE101421.D

Acq: 30 Oct 2024 12:58

Tgt Ion:276 Resp: 864788

Ion Ratio Lower Upper

276 100

277 23.6 19.4 29.2

138 19.8 15.8 23.6

