

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE102924\
 Data File : BE101404.D
 Acq On : 29 Oct 2024 13:21
 Operator : RC/JU
 Sample : P4368-08
 Misc : LOQ-WATER-05 PPM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LOQ-WATER-02-QT4-2024

Quant Time: Oct 29 14:10:50 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	7.570	152	121386	20.000	ng	0.00
21) Naphthalene-d8	10.337	136	597357	20.000	ng	0.00
39) Acenaphthene-d10	14.180	164	450628	20.000	ng	0.00
64) Phenanthrene-d10	16.912	188	1065553	20.000	ng	0.00
76) Chrysene-d12	21.072	240	1222788	20.000	ng	0.00
86) Perylene-d12	23.363	264	1537565	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.314	112	753209	108.754	ng	0.00
7) Phenol-d6	6.947	99	1064221	110.818	ng	0.00
23) Nitrobenzene-d5	8.780	82	770815	81.047	ng	0.00
42) 2,4,6-Tribromophenol	15.684	330	929941	117.743	ng	0.00
45) 2-Fluorobiphenyl	12.805	172	2156410	81.042	ng	0.00
79) Terphenyl-d14	19.509	244	3902876	73.461	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.222	88	12681	4.909	ng	100
4) n-Nitrosodimethylamine	3.645	42	6189	2.189	ng	# 70
6) Aniline	7.018	93	56487	7.675	ng	98
8) 2-Chlorophenol	7.211	128	40697	4.899	ng	93
9) Benzaldehyde	6.788	77	30511	6.582	ng	98
10) Phenol	6.971	94	45575	4.374	ng	86
11) bis(2-Chloroethyl)ether	7.018	93	56487	6.608	ng	# 31
12) 1,3-Dichlorobenzene	7.458	146	42759	4.774	ng	98
13) 1,4-Dichlorobenzene	7.605	146	43816	4.790	ng	97
14) 1,2-Dichlorobenzene	7.934	146	44207	4.937	ng	95
15) Benzyl Alcohol	7.917	79	32331	5.648	ng	# 85
16) 2,2'-oxybis(1-Chloropr...	8.069	45	56662	5.267	ng	98
17) 2-Methylphenol	8.152	107	30087	4.266	ng	97
18) Hexachloroethane	8.627	117	13449	4.502	ng	91
19) n-Nitroso-di-n-propyla...	8.375	70	30768	4.828	ng	98
20) 3+4-Methylphenols	8.492	107	40816	4.193	ng	98
22) Acetophenone	8.428	105	66115	4.874	ng	# 97
24) Nitrobenzene	8.821	77	49236	4.864	ng	99
25) Isophorone	9.274	82	87561	4.718	ng	99
26) 2-Nitrophenol	9.515	139	19670	4.020	ng	92
27) 2,4-Dimethylphenol	9.626	122	24247	3.938	ng	98
28) bis(2-Chloroethoxy)met...	9.785	93	53198	4.727	ng	98
29) 2,4-Dichlorophenol	10.061	162	36547	4.291	ng	99
30) 1,2,4-Trichlorobenzene	10.184	180	43569	4.696	ng	99
31) Naphthalene	10.384	128	146811	4.823	ng	99
32) Benzoic acid	9.814	122	2251	8.510	ng	97
33) 4-Chloroaniline	10.619	127	54773	5.174	ng	98
34) Hexachlorobutadiene	10.637	225	24613	4.482	ng	97
35) Caprolactam	11.401	113	11381	3.486	ng	# 89
36) 4-Chloro-3-methylphenol	11.783	107	41947	4.325	ng	97
37) 2-Methylnaphthalene	11.976	142	107595	4.906	ng	98
38) 1-Methylnaphthalene	12.206	142	99208	4.533	ng	99
40) 1,2,4,5-Tetrachloroben...	12.329	216	53412	4.722	ng	99
41) Hexachlorocyclopentadiene	12.317	237	13886	3.717	ng	92
43) 2,4,6-Trichlorophenol	12.652	196	32535	4.172	ng	97
44) 2,4,5-Trichlorophenol	12.752	196	37374	4.185	ng	97

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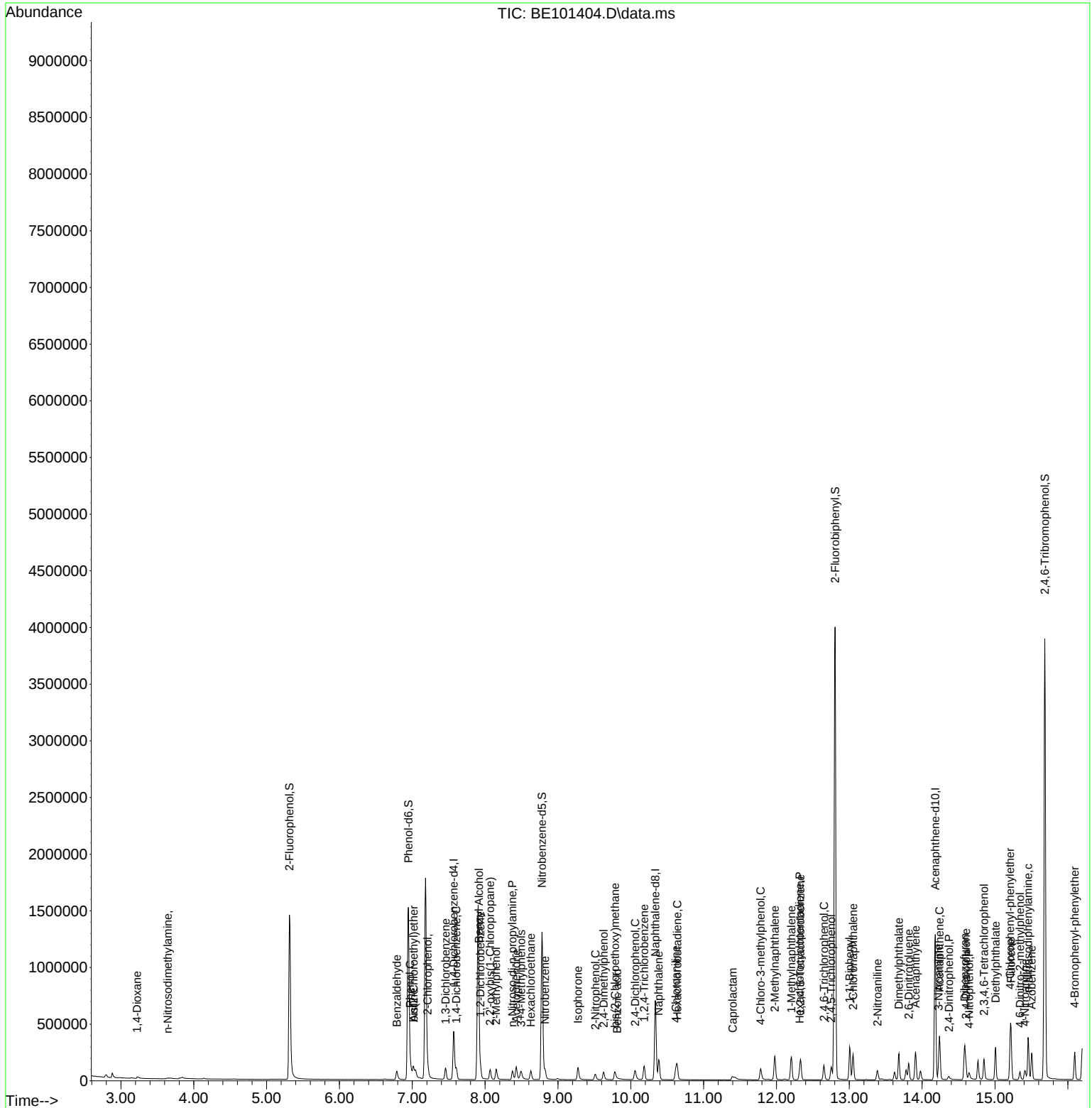
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.005	154	157929	5.115	ng	98
47) 2-Chloronaphthalene	13.052	162	114194	4.682	ng	99
48) 2-Nitroaniline	13.387	65	24326	3.706	ng	96
49) Acenaphthylene	13.909	152	183513	5.088	ng	100
50) Dimethylphthalate	13.680	163	156773	4.929	ng	98
51) 2,6-Dinitrotoluene	13.815	165	30033	4.090	ng	91
52) Acenaphthene	14.238	154	111066	4.715	ng	99
53) 3-Nitroaniline	14.227	138	30448	4.170	ng	98
54) 2,4-Dinitrophenol	14.368	184	8504	7.132	ng	91
55) Dibenzofuran	14.585	168	189415	5.046	ng	97
56) 4-Nitrophenol	14.644	139	22936	3.430	ng	98
57) 2,4-Dinitrotoluene	14.603	165	38659	3.824	ng	94
58) Fluorene	15.220	166	153527	4.889	ng	97
59) 2,3,4,6-Tetrachlorophenol	14.850	232	38271	4.638	ng	98
60) Diethylphthalate	15.008	149	160082	4.811	ng	98
61) 4-Chlorophenyl-phenyle...	15.208	204	75599	4.851	ng	100
62) 4-Nitroaniline	15.414	138	29400	3.618	ng	94
63) Azobenzene	15.502	77	137826	4.819	ng	97
65) 4,6-Dinitro-2-methylph...	15.343	198	16904	2.700	ng	96
66) n-Nitrosodiphenylamine	15.455	169	136251	4.822	ng	99
67) 4-Bromophenyl-phenylether	16.095	248	51629	4.606	ng	95
68) Hexachlorobenzene	16.201	284	67560	4.598	ng	94
69) Atrazine	16.389	200	47689	5.505	ng	97
70) Pentachlorophenol	16.606	266	27196	3.216	ng	97
71) Phenanthrene	16.953	178	265034	5.195	ng	98
72) Anthracene	17.041	178	251648	5.052	ng	98
73) Carbazole	17.370	167	245474	4.816	ng	98
74) Di-n-butylphthalate	17.823	149	259841	4.631	ng	98
75) Fluoranthene	18.956	202	314331	5.073	ng	97
77) Benzidine	19.215	184	86613	5.581	ng	99
78) Pyrene	19.327	202	343112	5.102	ng	96
80) Butylbenzylphthalate	20.179	149	137344	4.659	ng	98
81) Benzo(a)anthracene	21.054	228	370755	5.394	ng	95
82) 3,3'-Dichlorobenzidine	21.031	252	123276	4.579	ng	98
83) Chrysene	21.107	228	355819	5.355	ng	94
84) Bis(2-ethylhexyl)phtha...	20.884	149	179884	4.593	ng #	95
85) Di-n-octyl phthalate	21.730	149	309063	4.808	ng	100
87) Indeno(1,2,3-cd)pyrene	25.666	276	512912	4.985	ng	99
88) Benzo(b)fluoranthene	22.646	252	401457	5.010	ng	97
89) Benzo(k)fluoranthene	22.687	252	392935	5.249	ng	96
90) Benzo(a)pyrene	23.246	252	361170	5.154	ng	99
91) Dibenzo(a,h)anthracene	25.660	278	414968	4.880	ng	100
92) Benzo(g,h,i)perylene	26.412	276	397934	4.542	ng	100

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

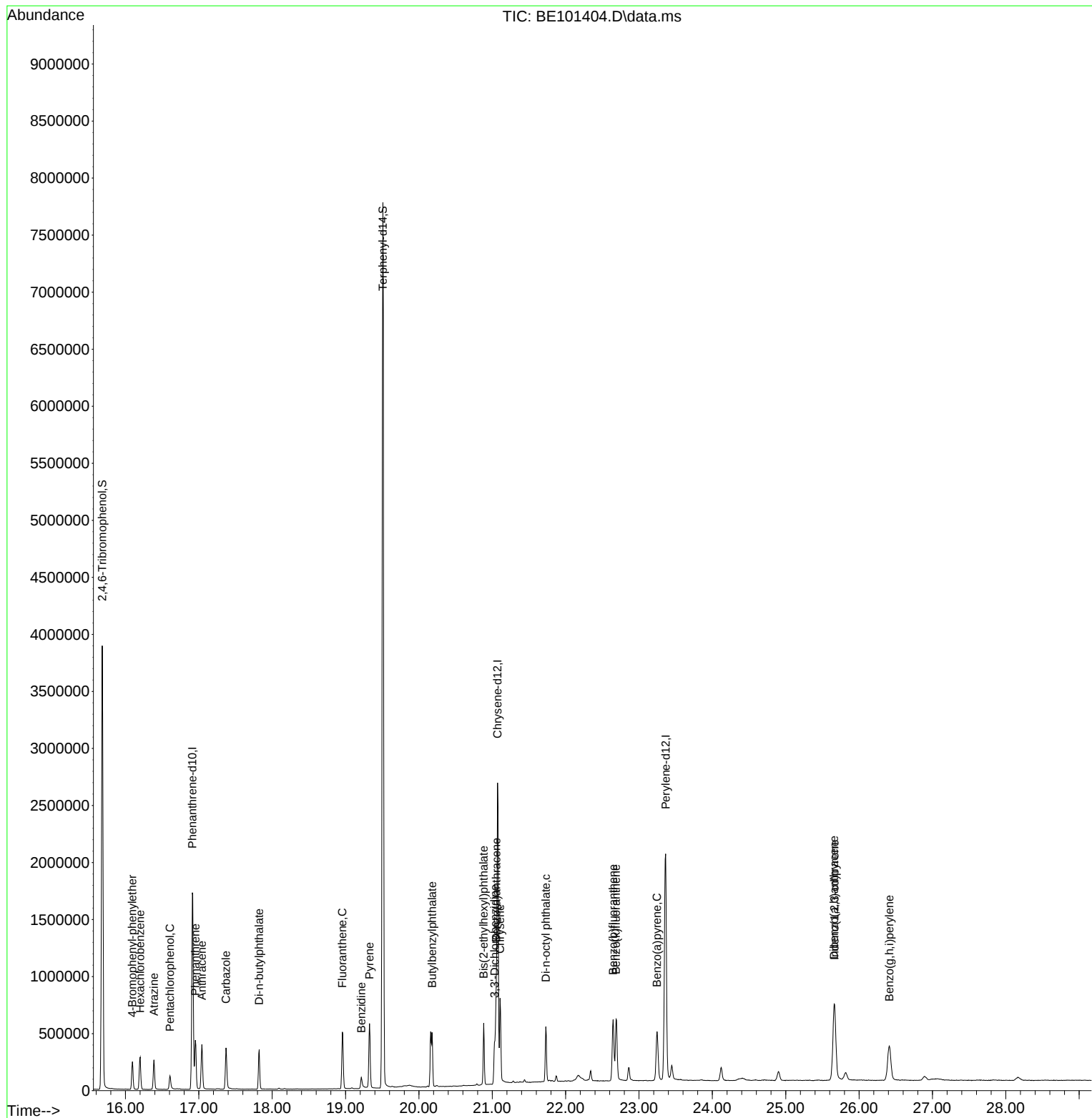
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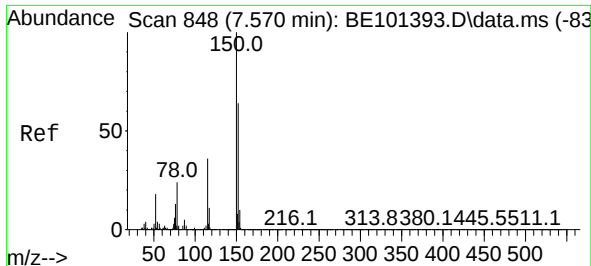


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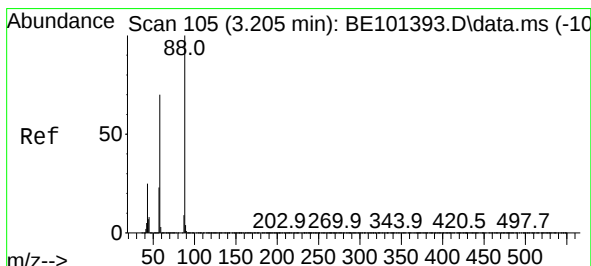
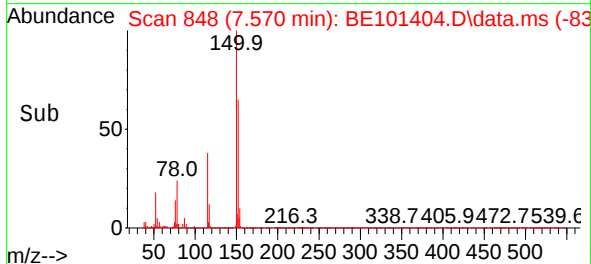
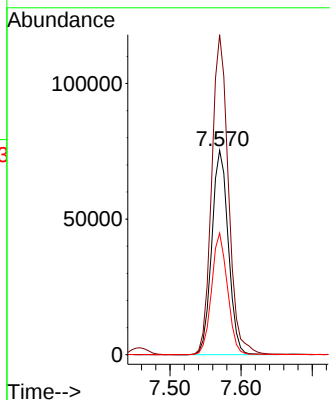
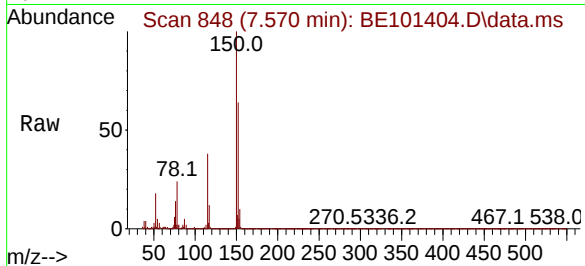




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.570 min Scan# 848
Delta R.T. -0.000 min
Lab File: BE101404.D
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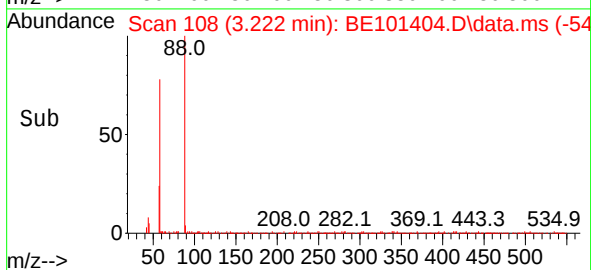
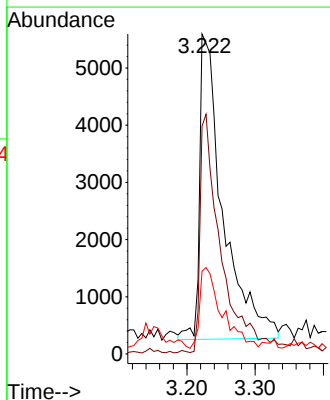
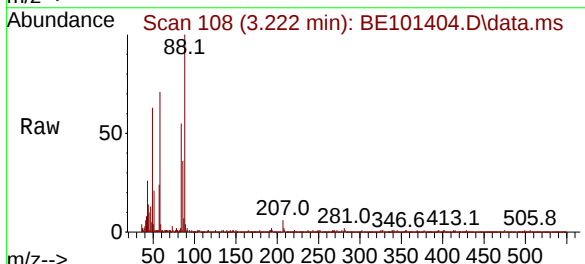
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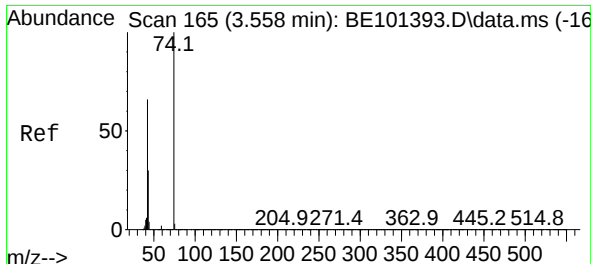
Tgt Ion:152 Resp: 121386
Ion Ratio Lower Upper
152 100
150 156.6 124.2 186.4
115 59.5 45.3 67.9



#2
1,4-Dioxane
Concen: 4.909 ng
RT: 3.222 min Scan# 108
Delta R.T. 0.017 min
Lab File: BE101404.D
Acq: 29 Oct 2024 13:21

Tgt Ion: 88 Resp: 12681
Ion Ratio Lower Upper
88 100
58 70.5 56.5 84.7
43 25.2 19.8 29.8

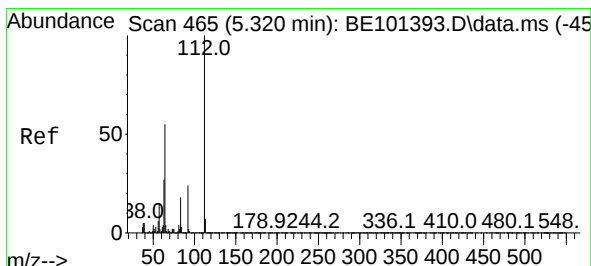
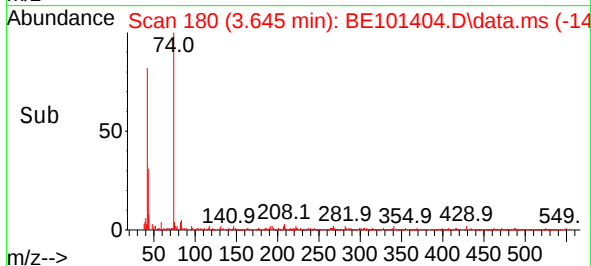
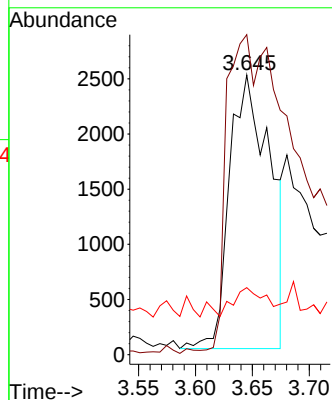
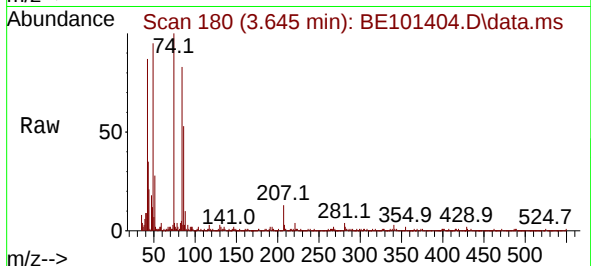




#4
n-Nitrosodimethylamine
Concen: 2.189 ng
RT: 3.645 min Scan# 11
Delta R.T. 0.087 min
Lab File: BE101404.D
Acq: 29 Oct 2024 13:21

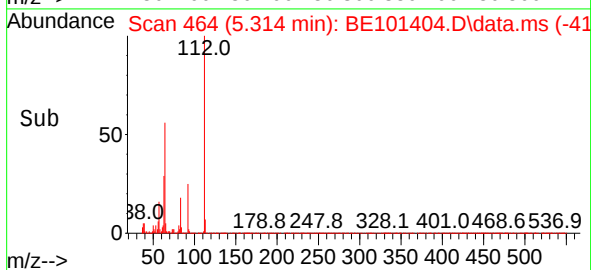
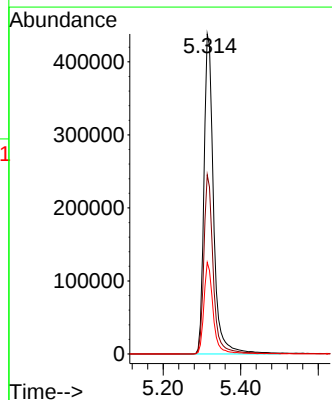
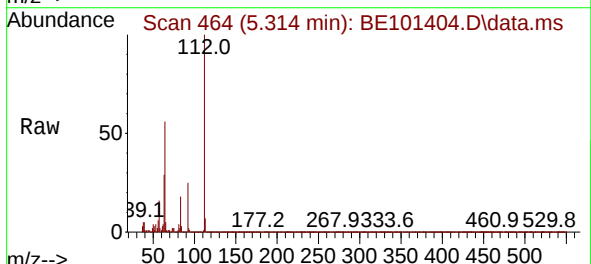
Instrument :
BNA_E
ClientSampleId :
LOQ-WATER-02-QT4-2024

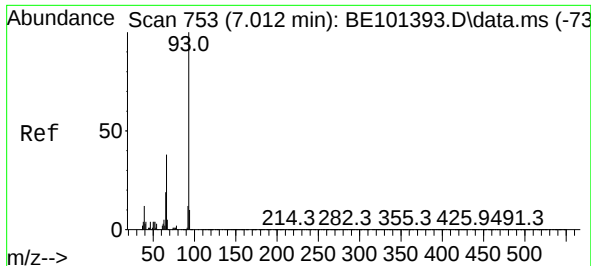
Tgt Ion: 42 Resp: 6189
Ion Ratio Lower Upper
42 100
74 114.4 121.4 182.0#
44 24.0 5.6 8.4#



#5
2-Fluorophenol
Concen: 108.754 ng
RT: 5.314 min Scan# 464
Delta R.T. -0.007 min
Lab File: BE101404.D
Acq: 29 Oct 2024 13:21

Tgt Ion: 112 Resp: 753209
Ion Ratio Lower Upper
112 100
64 56.0 43.7 65.5
63 28.6 21.4 32.2





#6

Aniline

Concen: 7.675 ng

RT: 7.018 min Scan# 753

Delta R.T. 0.005 min

Lab File: BE101404.D

Acq: 29 Oct 2024 13:21

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT4-2024

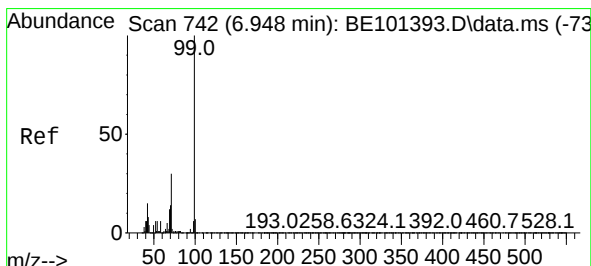
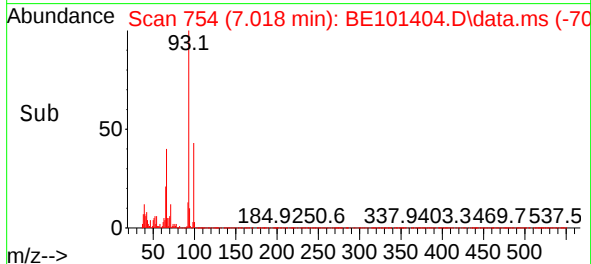
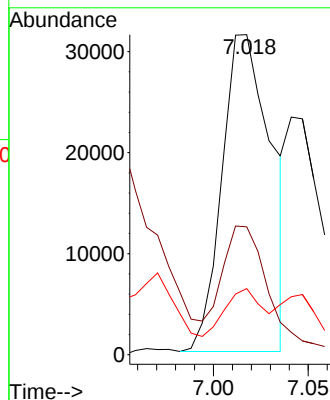
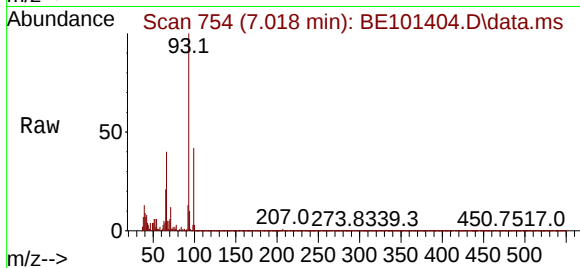
Tgt Ion: 93 Resp: 56487

Ion Ratio Lower Upper

93 100

66 39.9 31.0 46.4

65 20.7 15.5 23.3



#7

Phenol-d6

Concen: 110.818 ng

RT: 6.947 min Scan# 742

Delta R.T. -0.001 min

Lab File: BE101404.D

Acq: 29 Oct 2024 13:21

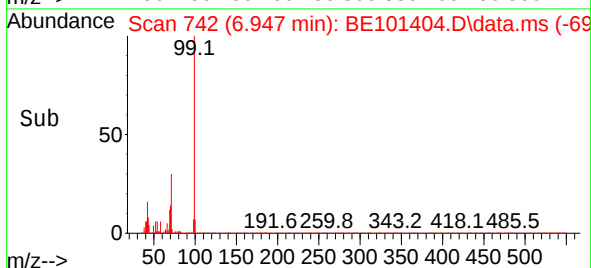
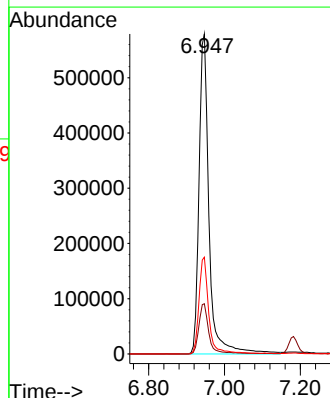
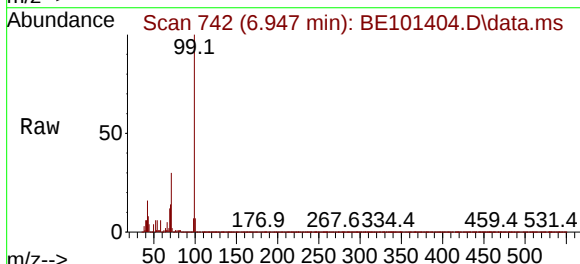
Tgt Ion: 99 Resp: 1064221

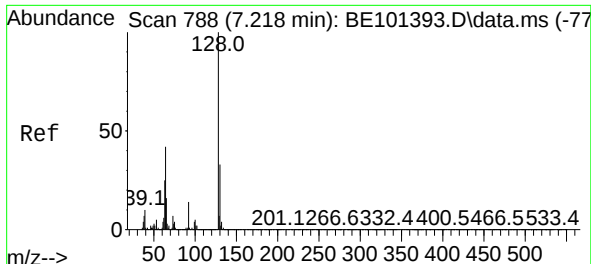
Ion Ratio Lower Upper

99 100

42 15.7 12.3 18.5

71 30.3 23.8 35.8





#8

2-Chlorophenol

Concen: 4.899 ng

RT: 7.211 min Scan# 715

Delta R.T. -0.007 min

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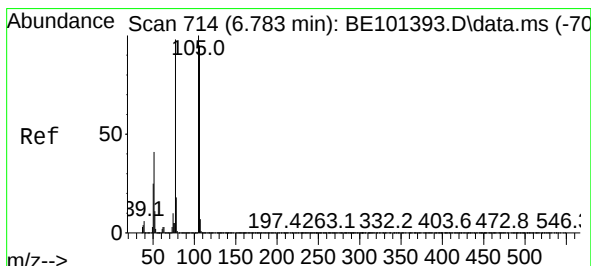
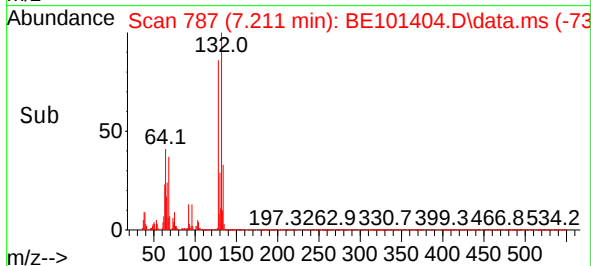
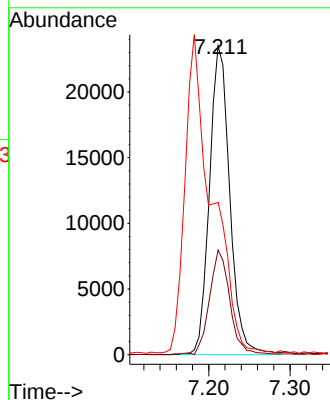
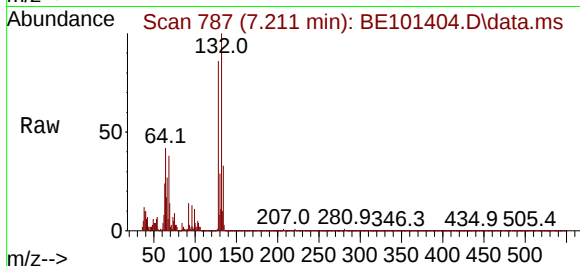
Tgt Ion:128 Resp: 40697

Ion Ratio Lower Upper

128 100

130 33.8 12.9 52.9

64 49.3 22.3 62.3



#9

Benzaldehyde

Concen: 6.582 ng

RT: 6.788 min Scan# 715

Delta R.T. 0.005 min

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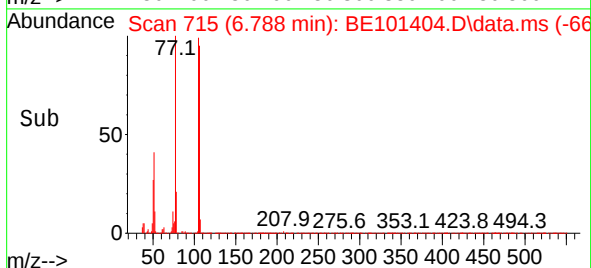
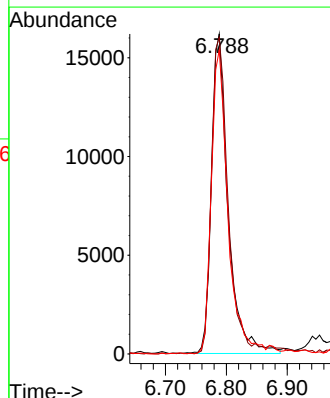
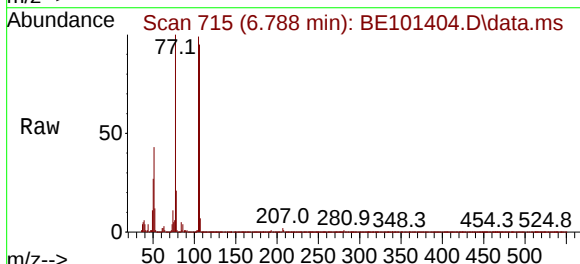
Tgt Ion: 77 Resp: 30511

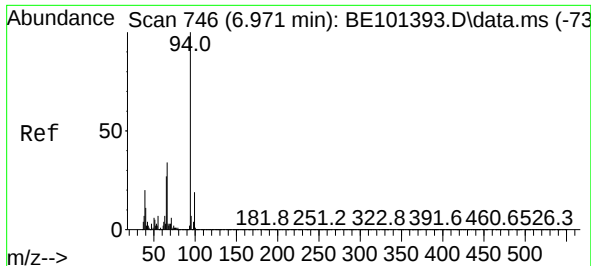
Ion Ratio Lower Upper

77 100

105 99.0 81.9 121.9

106 95.0 76.5 116.5

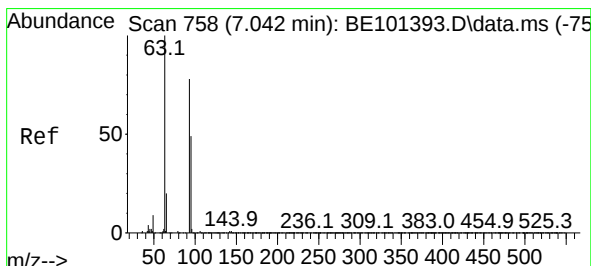
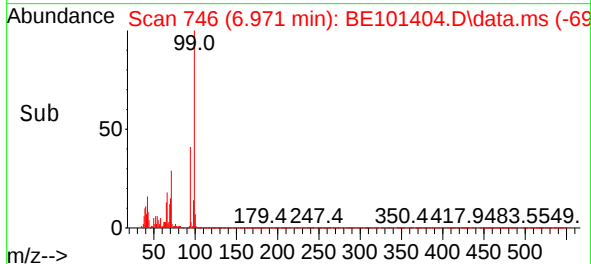
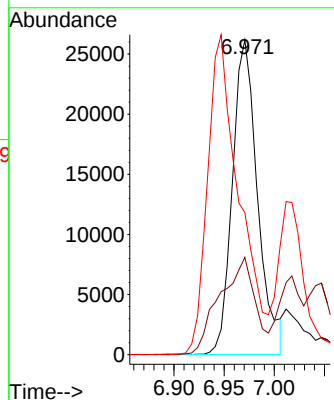
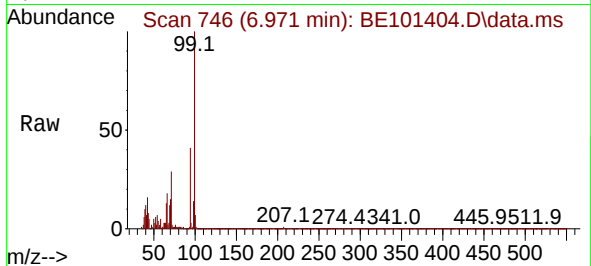




#10
Phenol
Concen: 4.374 ng
RT: 6.971 min Scan# 746
Delta R.T. -0.001 min
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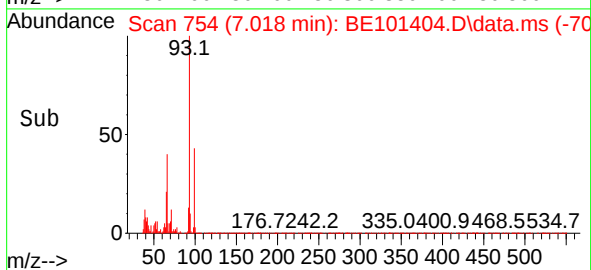
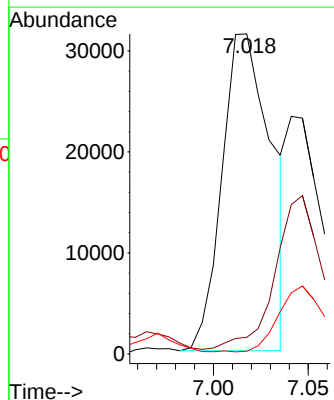
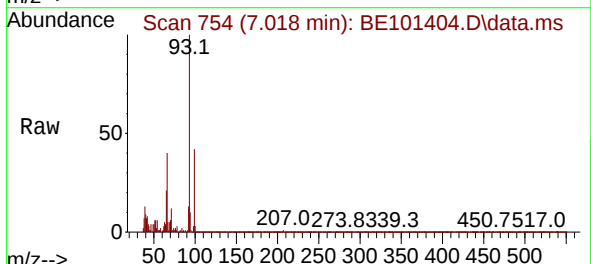
Instrument :
BNA_E
ClientSampleId :
LOQ-WATER-02-QT4-2024

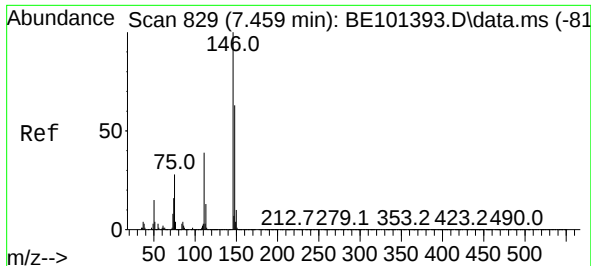
Tgt Ion: 94 Resp: 45575
Ion Ratio Lower Upper
94 100
65 30.9 6.8 46.8
66 45.2 14.0 54.0



#11
bis(2-Chloroethyl)ether
Concen: 6.608 ng
RT: 7.018 min Scan# 754
Delta R.T. -0.024 min
Lab File: BE101404.D
Acq: 29 Oct 2024 13:21

Tgt Ion: 93 Resp: 56487
Ion Ratio Lower Upper
93 100
63 5.2 46.3 86.3#
95 0.8 9.6 49.6#





#12

1,3-Dichlorobenzene

Concen: 4.774 ng

RT: 7.458 min Scan# 81

Delta R.T. -0.001 min

Lab File: BE101404.D

Acq: 29 Oct 2024 13:21

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT4-2024

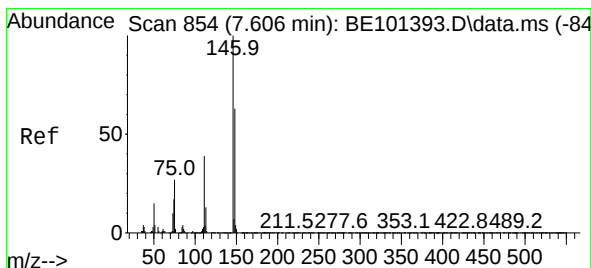
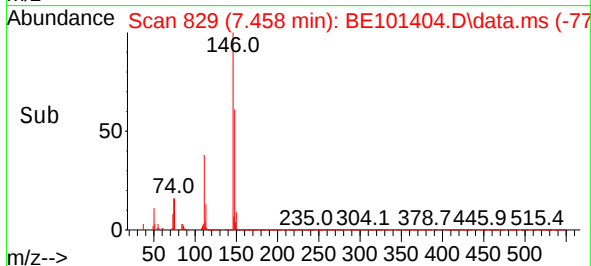
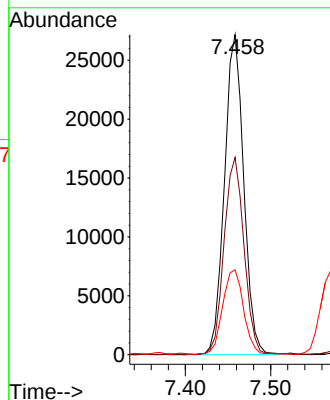
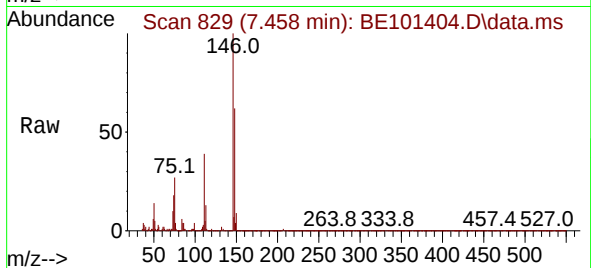
Tgt Ion:146 Resp: 42759

Ion Ratio Lower Upper

146 100

148 61.7 50.5 75.7

75 26.5 22.0 33.0



#13

1,4-Dichlorobenzene

Concen: 4.790 ng

RT: 7.605 min Scan# 854

Delta R.T. -0.001 min

Lab File: BE101404.D

Acq: 29 Oct 2024 13:21

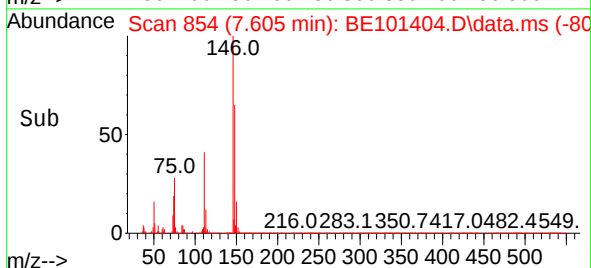
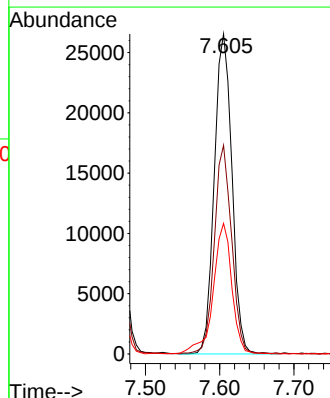
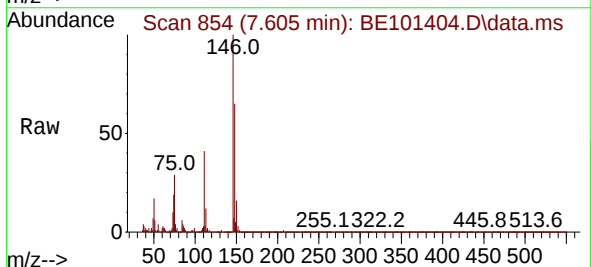
Tgt Ion:146 Resp: 43816

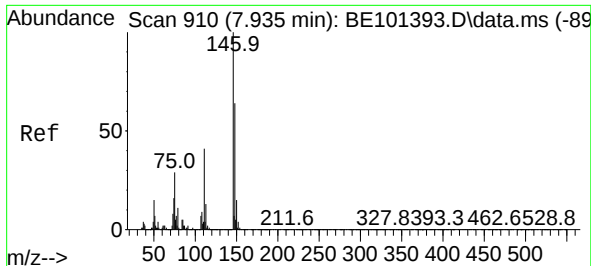
Ion Ratio Lower Upper

146 100

148 65.2 50.2 75.2

111 40.8 31.6 47.4

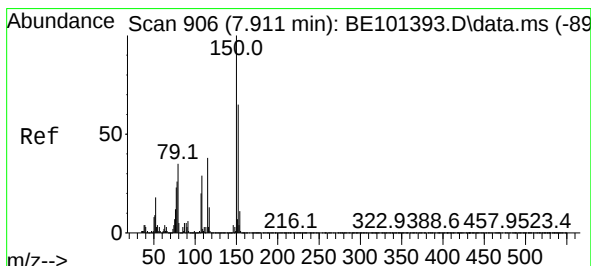
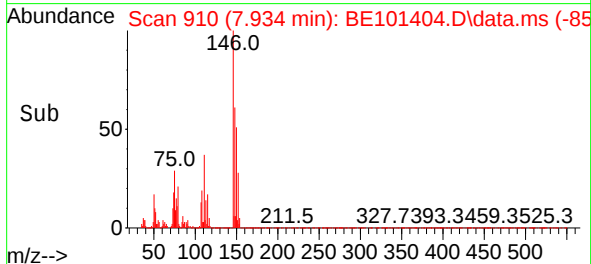
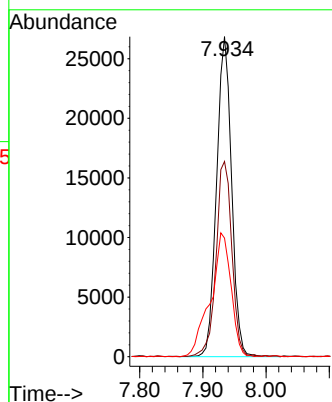
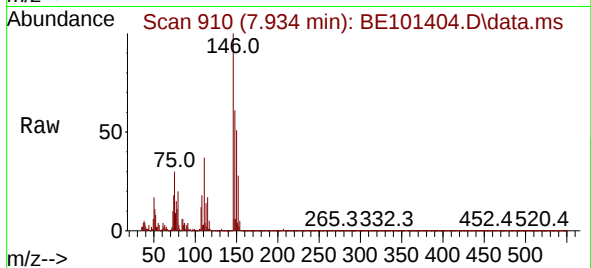




#14
1,2-Dichlorobenzene
Concen: 4.937 ng
RT: 7.934 min Scan# 910
Delta R.T. -0.001 min
Lab File: BE101404.D
Acq: 29 Oct 2024 13:21

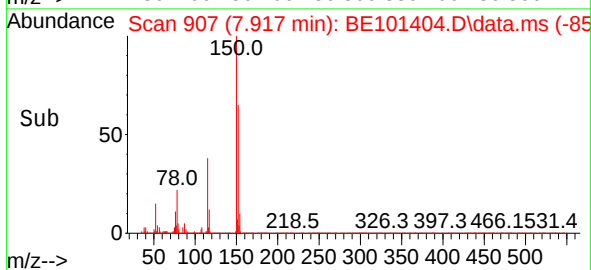
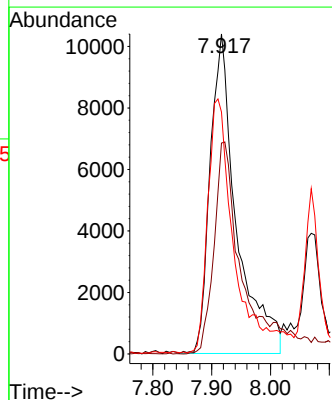
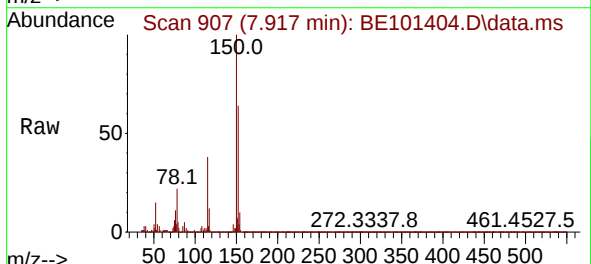
Instrument : BNA_E
ClientSampleId : LOQ-WATER-02-QT4-2024

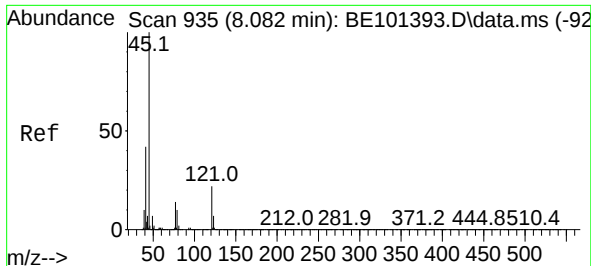
Tgt Ion:146 Resp: 44207
Ion Ratio Lower Upper
146 100
148 61.0 51.4 77.2
111 37.0 32.8 49.2



#15
Benzyl Alcohol
Concen: 5.648 ng
RT: 7.917 min Scan# 907
Delta R.T. 0.005 min
Lab File: BE101404.D
Acq: 29 Oct 2024 13:21

Tgt Ion: 79 Resp: 32331
Ion Ratio Lower Upper
79 100
108 65.9 66.1 99.1#
77 75.6 53.1 79.7

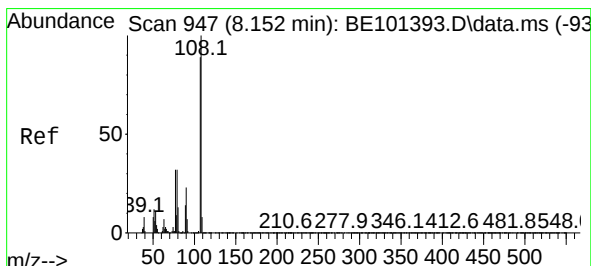
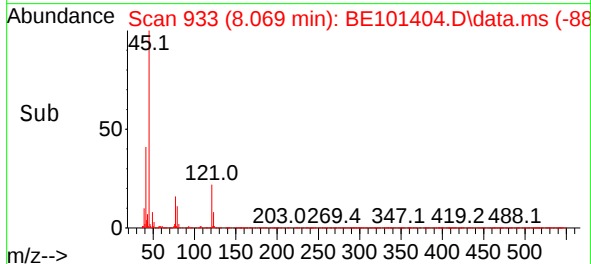
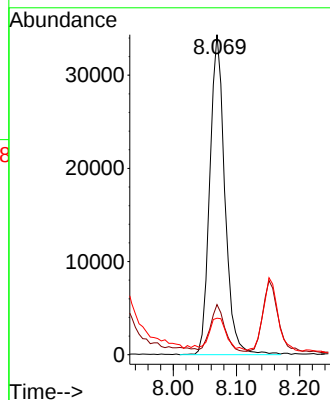
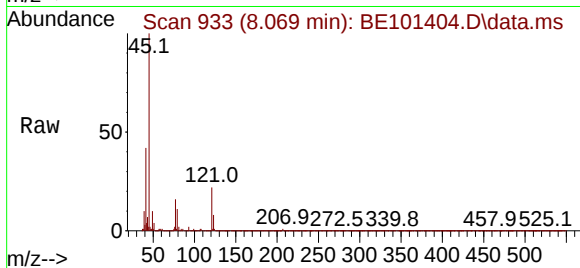




#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.267 ng
RT: 8.069 min Scan# 91
Delta R.T. -0.012 min
Lab File: BE101404.D
Acq: 29 Oct 2024 13:21

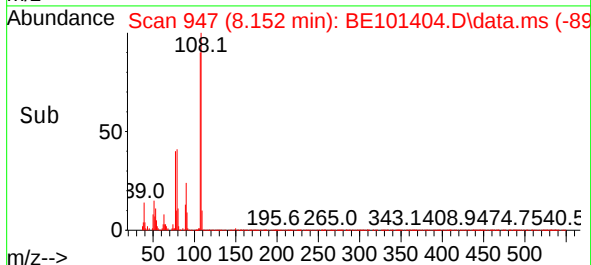
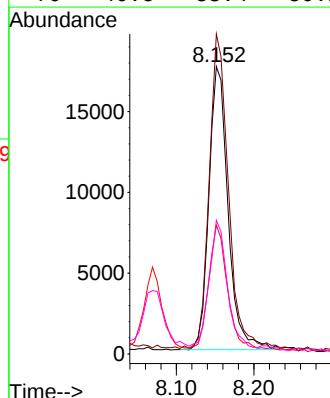
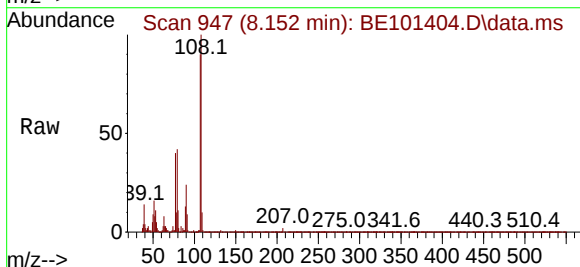
Instrument :
BNA_E
ClientSampleId :
LOQ-WATER-02-QT4-2024

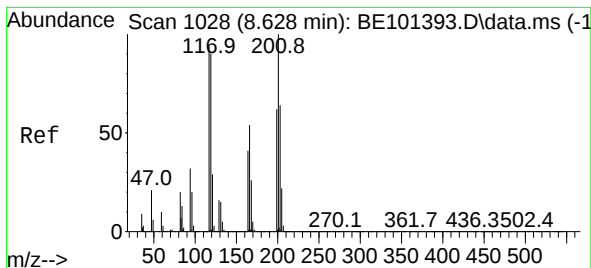
Tgt Ion: 45 Resp: 56662
Ion Ratio Lower Upper
45 100
77 15.6 0.0 34.5
79 11.4 0.0 31.8



#17
2-Methylphenol
Concen: 4.266 ng
RT: 8.152 min Scan# 947
Delta R.T. -0.001 min
Lab File: BE101404.D
Acq: 29 Oct 2024 13:21

Tgt Ion: 107 Resp: 30087
Ion Ratio Lower Upper
107 100
108 111.4 90.0 135.0
77 44.8 34.2 51.4
79 46.5 33.4 50.2





#18

Hexachloroethane

Concen: 4.502 ng

RT: 8.627 min Scan# 1

Delta R.T. -0.001 min

Lab File: BE101404.D

Acq: 29 Oct 2024 13:21

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT4-2024

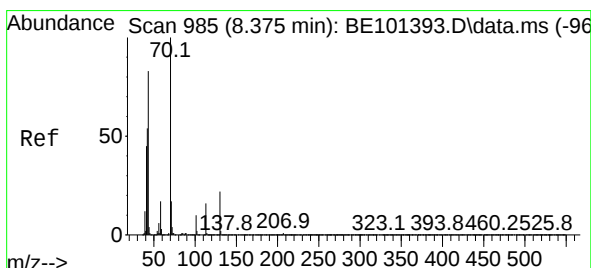
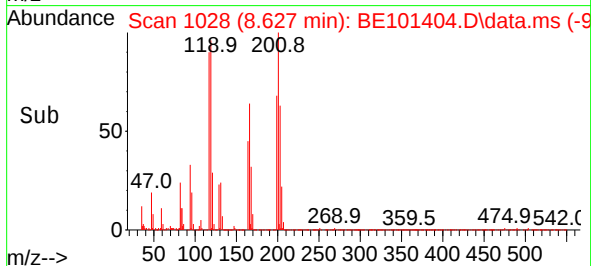
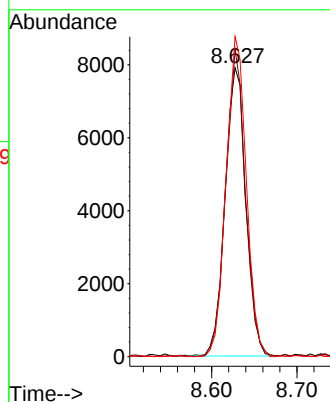
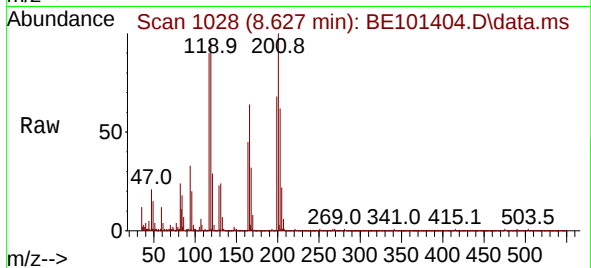
Tgt Ion:117 Resp: 13449

Ion Ratio Lower Upper

117 100

119 106.3 77.0 115.4

201 114.2 85.3 127.9



#19

n-Nitroso-di-n-propylamine

Concen: 4.828 ng

RT: 8.375 min Scan# 985

Delta R.T. -0.001 min

Lab File: BE101404.D

Acq: 29 Oct 2024 13:21

Tgt Ion: 70 Resp: 30768

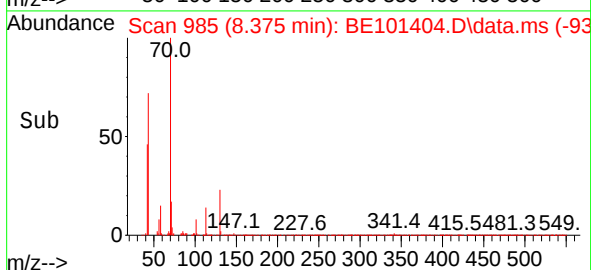
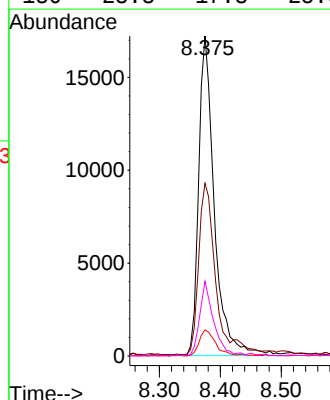
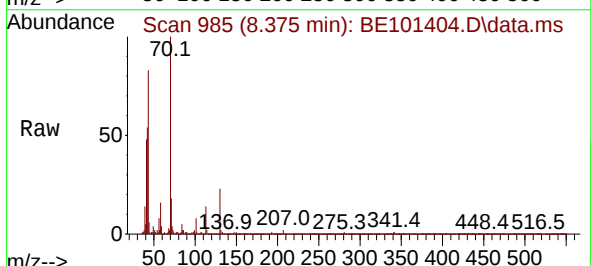
Ion Ratio Lower Upper

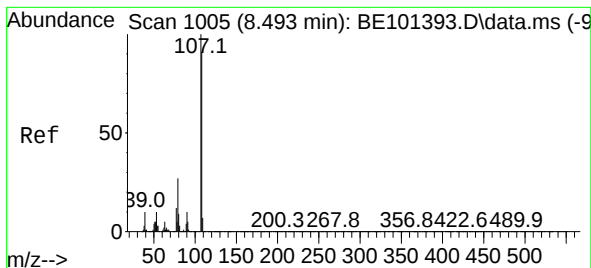
70 100

42 53.9 43.4 65.0

101 8.1 8.1 12.1

130 23.3 17.3 25.9





#20

3+4-Methylphenols

Concen: 4.193 ng

RT: 8.492 min Scan# 1

Delta R.T. -0.001 min

Lab File: BE101404.D

Acq: 29 Oct 2024 13:21

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion:107 Resp: 40816

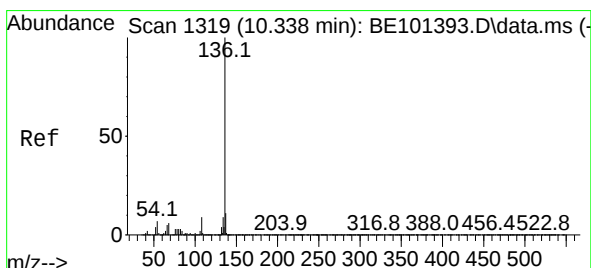
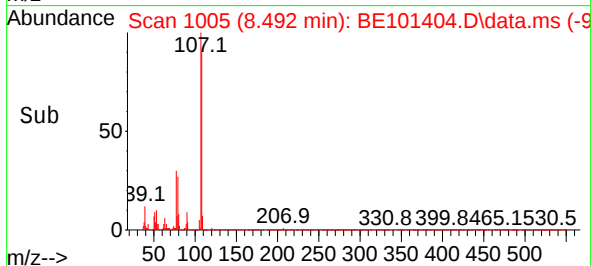
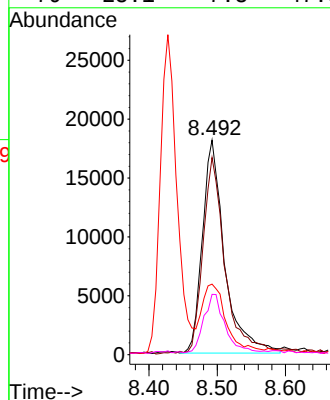
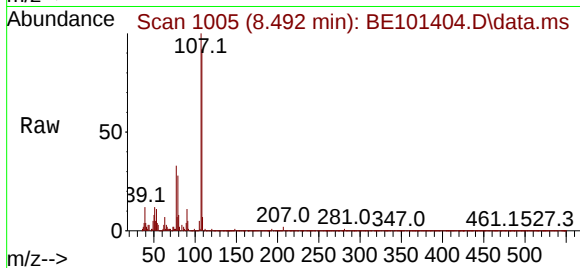
Ion Ratio Lower Upper

107 100

108 91.9 70.6 110.6

77 32.9 11.3 51.3

79 28.1 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: BE101404.D

Acq: 29 Oct 2024 13:21

Tgt Ion:136 Resp: 597357

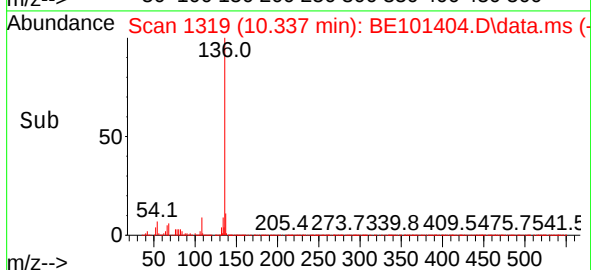
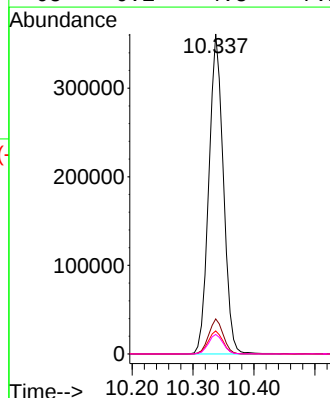
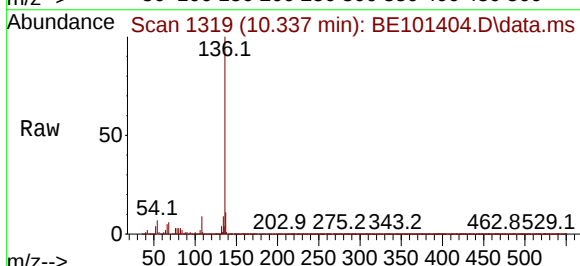
Ion Ratio Lower Upper

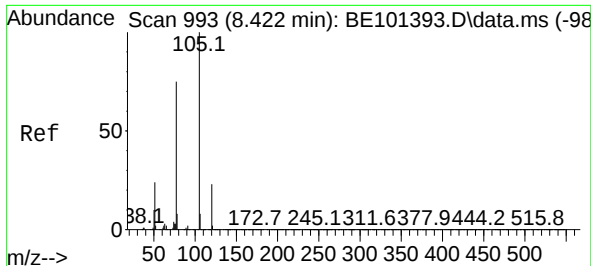
136 100

137 11.0 9.0 13.6

54 7.2 5.9 8.9

68 6.1 4.8 7.2

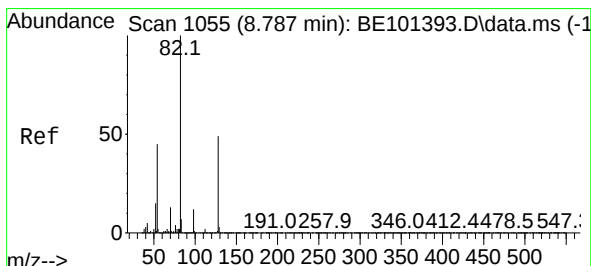
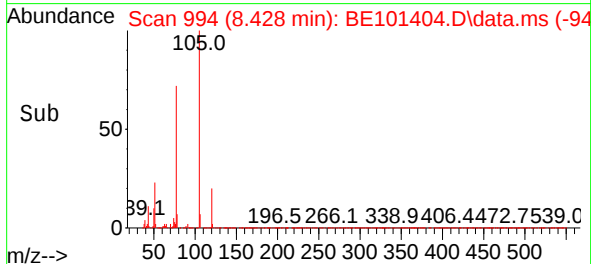
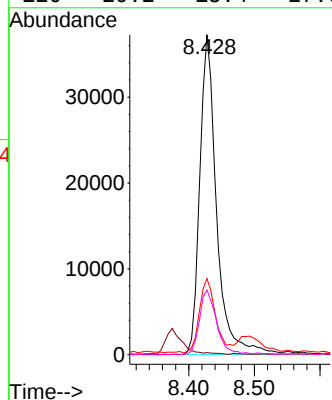
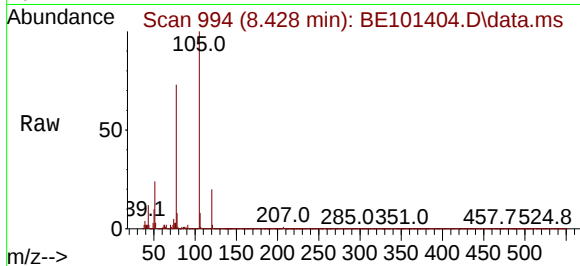




#22
Acetophenone
Concen: 4.874 ng
RT: 8.428 min Scan# 993
Delta R.T. 0.005 min
Lab File: BE101404.D
Acq: 29 Oct 2024 13:21

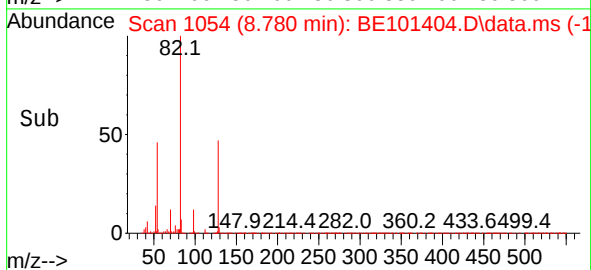
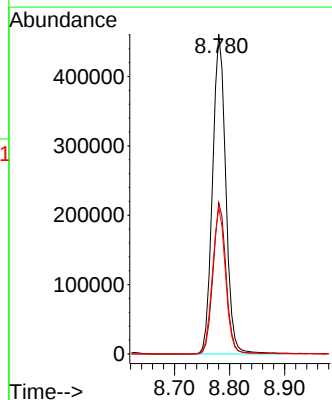
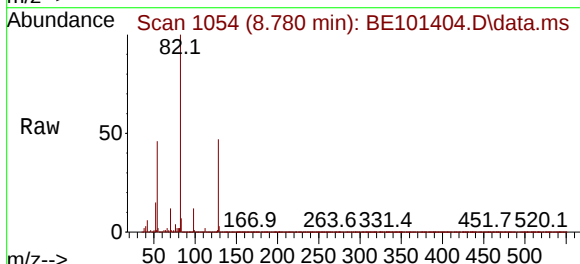
Instrument :
BNA_E
ClientSampleId :
LOQ-WATER-02-QT4-2024

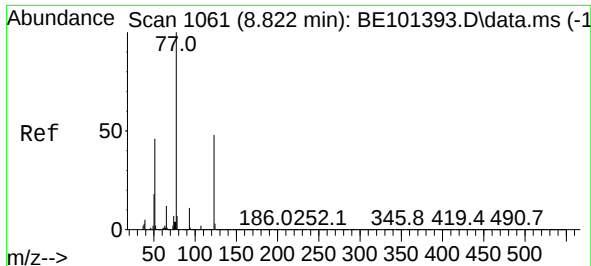
Tgt Ion:105 Resp: 66115
Ion Ratio Lower Upper
105 100
71 0.7 0.1 0.1#
51 23.8 19.4 29.0
120 20.2 18.4 27.6



#23
Nitrobenzene-d5
Concen: 81.047 ng
RT: 8.780 min Scan# 1054
Delta R.T. -0.007 min
Lab File: BE101404.D
Acq: 29 Oct 2024 13:21

Tgt Ion: 82 Resp: 770815
Ion Ratio Lower Upper
82 100
128 47.3 38.9 58.3
54 45.7 36.2 54.4

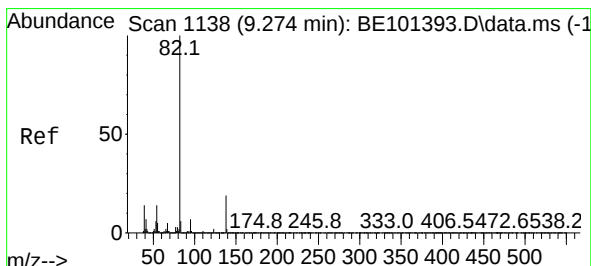
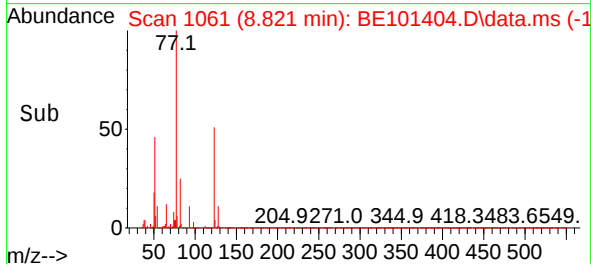
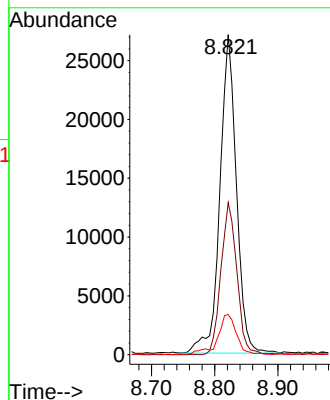
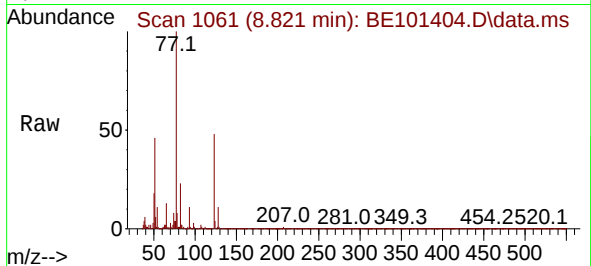




#24
Nitrobenzene
Concen: 4.864 ng
RT: 8.821 min Scan# 1061
Delta R.T. -0.001 min
Lab File: BE101404.D
Acq: 29 Oct 2024 13:21

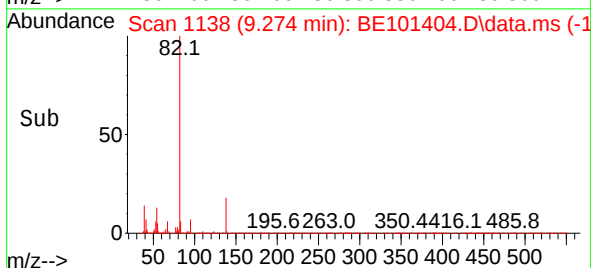
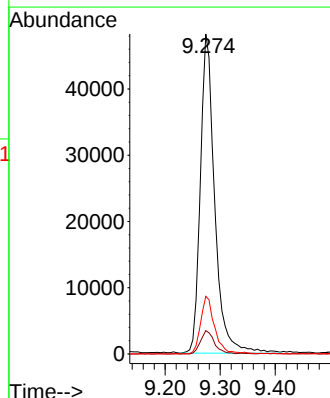
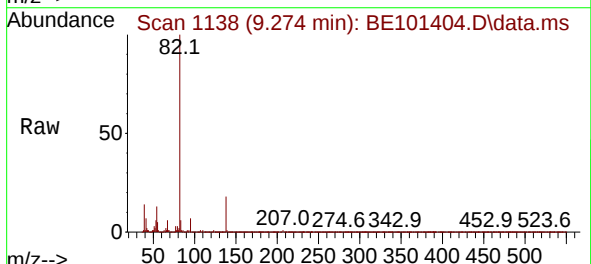
Instrument : BNA_E
ClientSampleId : LOQ-WATER-02-QT4-2024

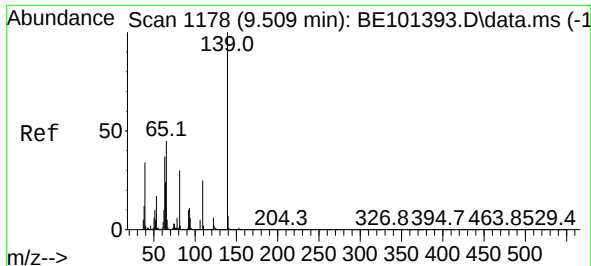
Tgt Ion: 77 Resp: 49236
Ion Ratio Lower Upper
77 100
123 47.5 38.7 58.1
65 12.6 10.0 15.0



#25
Isophorone
Concen: 4.718 ng
RT: 9.274 min Scan# 1138
Delta R.T. -0.001 min
Lab File: BE101404.D
Acq: 29 Oct 2024 13:21

Tgt Ion: 82 Resp: 87561
Ion Ratio Lower Upper
82 100
95 7.3 5.5 8.3
138 18.0 15.0 22.4





#26

2-Nitrophenol

Concen: 4.020 ng

RT: 9.515 min Scan# 1179

Delta R.T. 0.005 min

Lab File: BE101404.D

Acq: 29 Oct 2024 13:21

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT4-2024

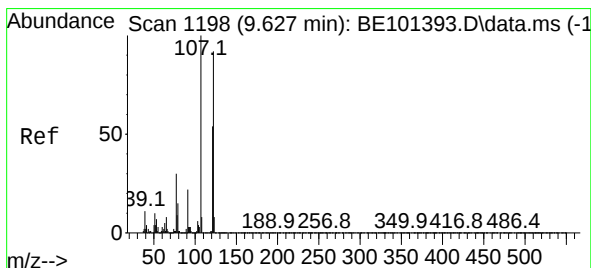
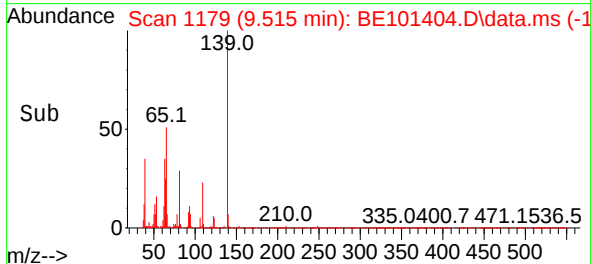
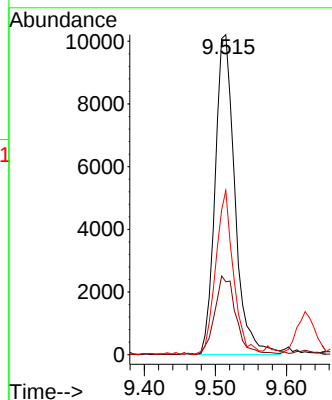
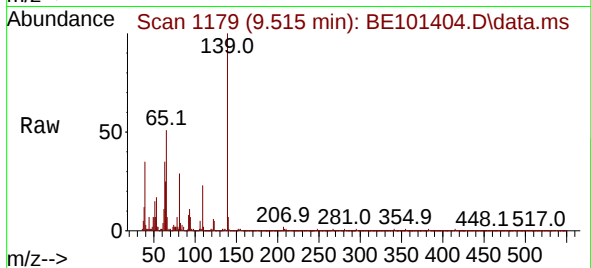
Tgt Ion:139 Resp: 19670

Ion Ratio Lower Upper

139 100

109 22.8 20.1 30.1

65 51.3 36.0 54.0



#27

2,4-Dimethylphenol

Concen: 3.938 ng

RT: 9.626 min Scan# 1198

Delta R.T. -0.001 min

Lab File: BE101404.D

Acq: 29 Oct 2024 13:21

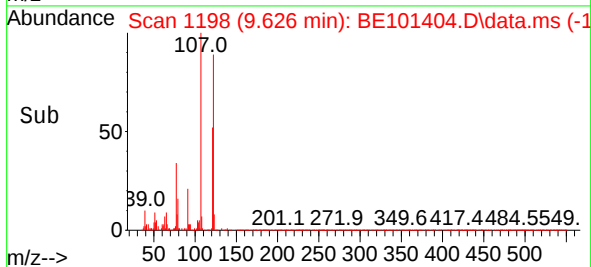
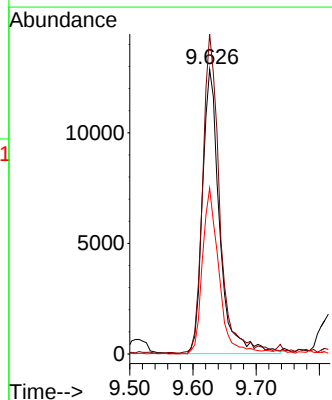
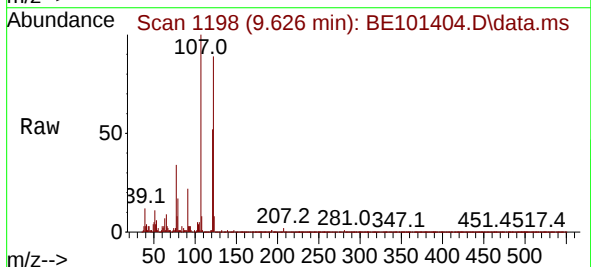
Tgt Ion:122 Resp: 24247

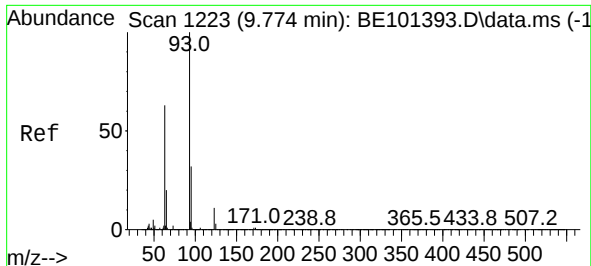
Ion Ratio Lower Upper

122 100

107 112.4 87.4 131.0

121 58.2 47.4 71.0





#28

bis(2-Chloroethoxy)methane

Concen: 4.727 ng

RT: 9.785 min Scan# 1223

Delta R.T. 0.011 min

Lab File: BE101404.D

Acq: 29 Oct 2024 13:21

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT4-2024

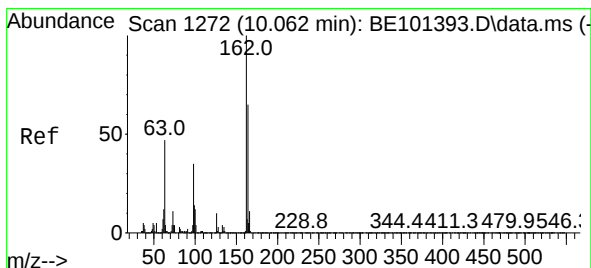
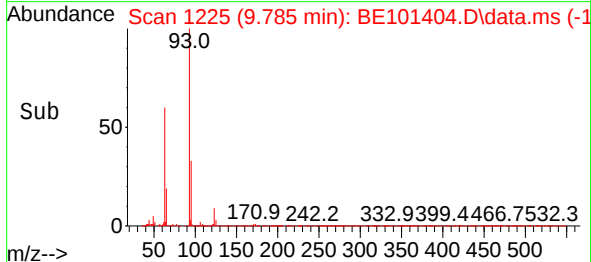
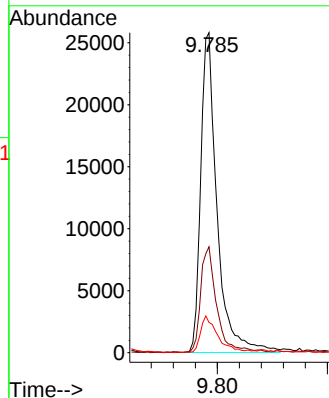
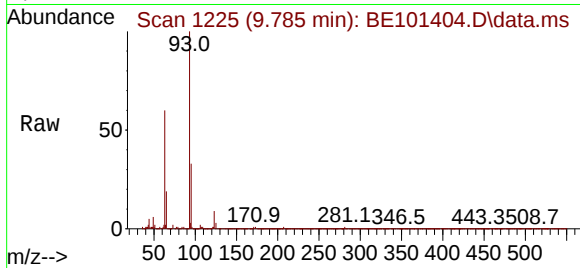
Tgt Ion: 93 Resp: 53198

Ion Ratio Lower Upper

93 100

95 33.1 25.8 38.6

123 9.4 8.6 13.0



#29

2,4-Dichlorophenol

Concen: 4.291 ng

RT: 10.061 min Scan# 1272

Delta R.T. -0.001 min

Lab File: BE101404.D

Acq: 29 Oct 2024 13:21

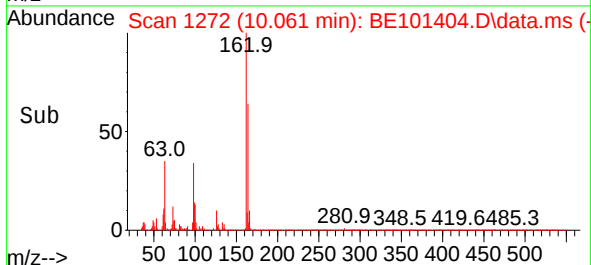
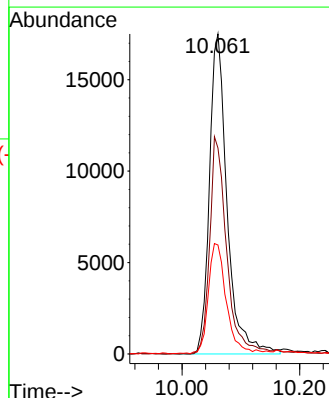
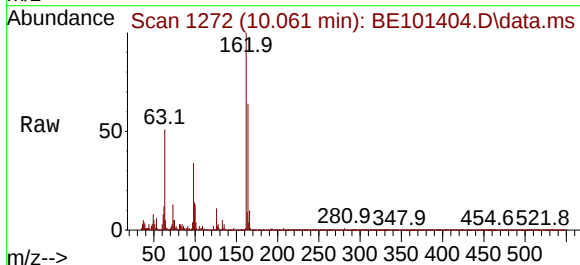
Tgt Ion:162 Resp: 36547

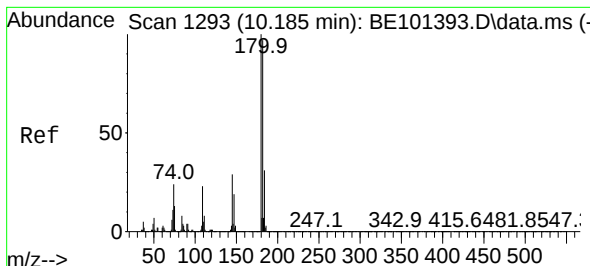
Ion Ratio Lower Upper

162 100

164 64.3 45.4 85.4

98 34.0 14.5 54.5





#30

1,2,4-Trichlorobenzene

Concen: 4.696 ng

RT: 10.184 min Scan# 1293

Delta R.T. -0.001 min

Lab File: BE101404.D

Acq: 29 Oct 2024 13:21

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT4-2024

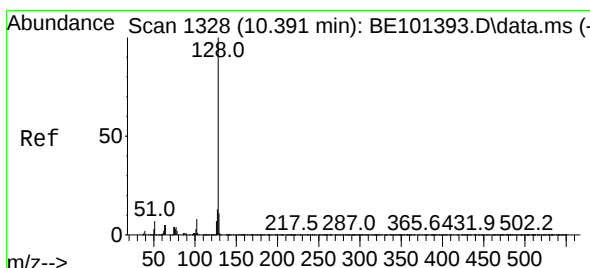
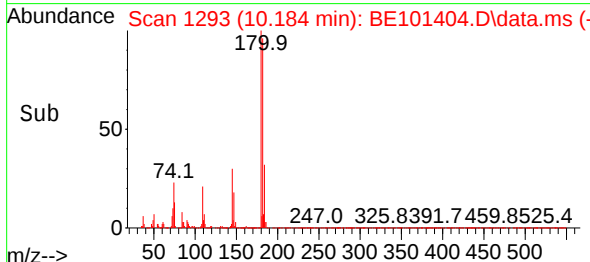
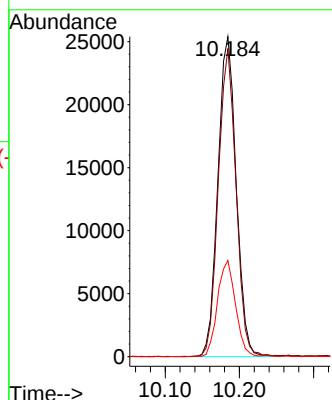
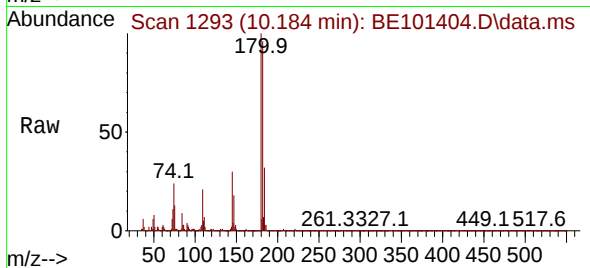
Tgt Ion:180 Resp: 43569

Ion Ratio Lower Upper

180 100

182 96.3 77.4 116.0

145 30.0 23.3 34.9



#31

Naphthalene

Concen: 4.823 ng

RT: 10.384 min Scan# 1327

Delta R.T. -0.007 min

Lab File: BE101404.D

Acq: 29 Oct 2024 13:21

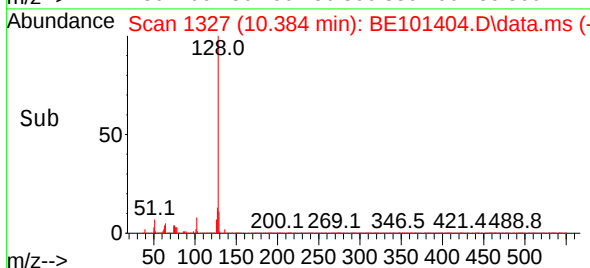
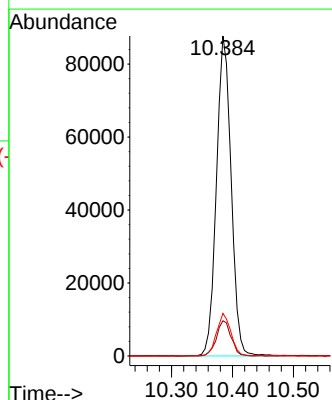
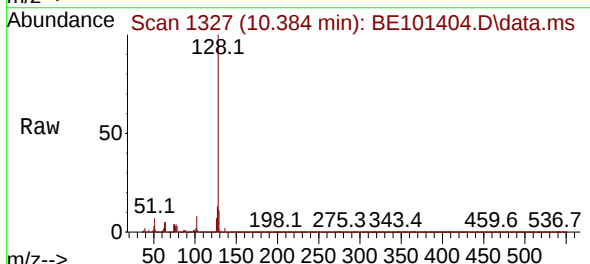
Tgt Ion:128 Resp: 146811

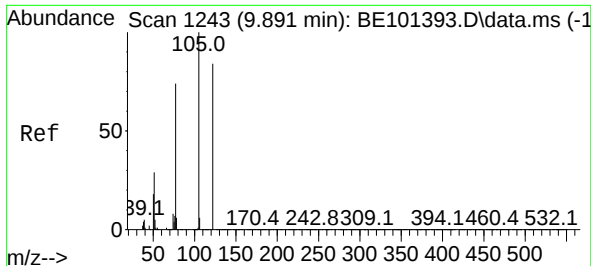
Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

127 13.3 10.3 15.5

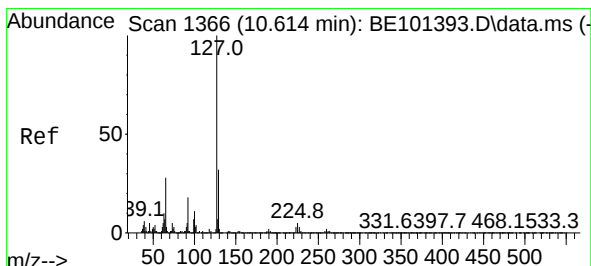
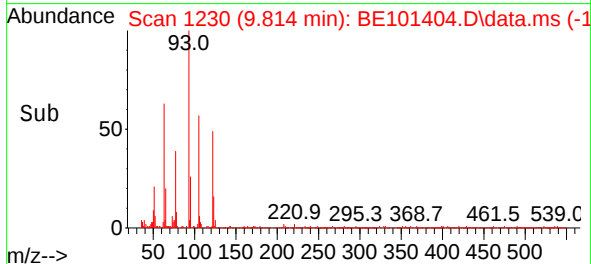
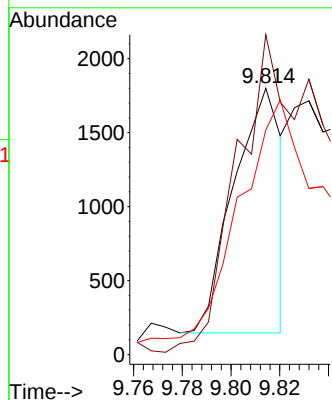
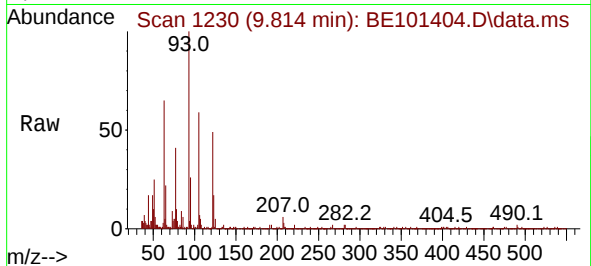




#32
Benzoic acid
Concen: 8.510 ng
RT: 9.814 min Scan# 1230
Delta R.T. -0.077 min
Lab File: BE101404.D
Acq: 29 Oct 2024 13:21

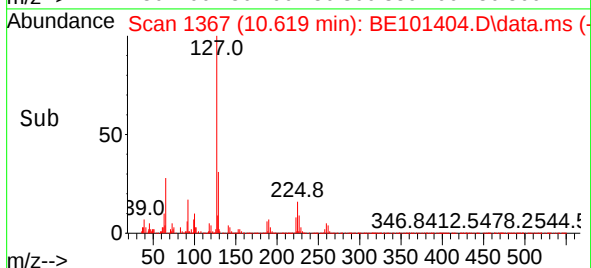
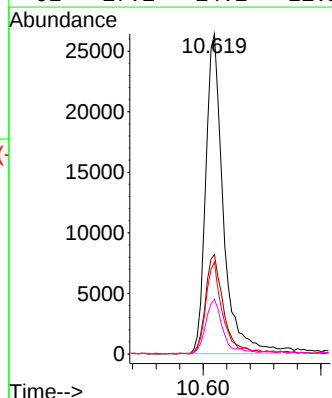
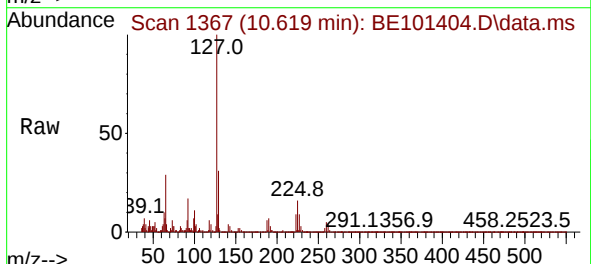
Instrument : BNA_E
ClientSampleId : LOQ-WATER-02-QT4-2024

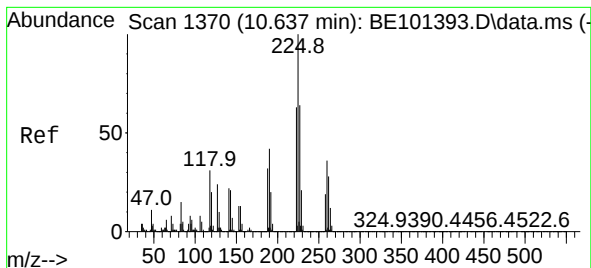
Tgt Ion:	122	Resp:	2251
Ion	Ratio	Lower	Upper
122	100		
105	120.1	97.9	137.9
77	84.3	68.1	108.1



#33
4-Chloroaniline
Concen: 5.174 ng
RT: 10.619 min Scan# 1367
Delta R.T. 0.005 min
Lab File: BE101404.D
Acq: 29 Oct 2024 13:21

Tgt Ion:	127	Resp:	54773
Ion	Ratio	Lower	Upper
127	100		
129	31.1	25.7	38.5
65	28.7	22.2	33.4
92	17.1	14.2	21.2





#34

Hexachlorobutadiene

Concen: 4.482 ng

RT: 10.637 min Scan# 1499

Delta R.T. -0.001 min

Lab File: BE101404.D

Acq: 29 Oct 2024 13:21

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT4-2024

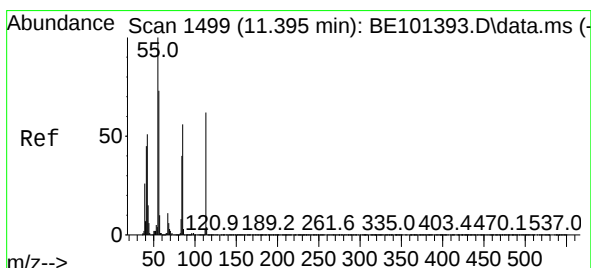
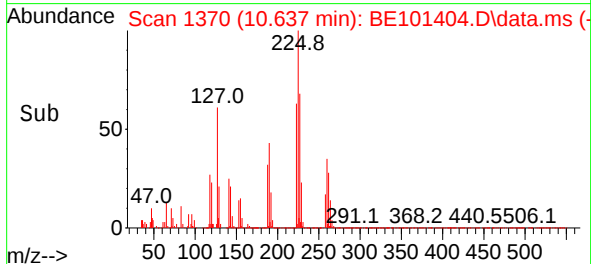
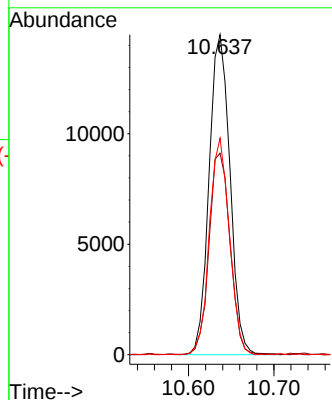
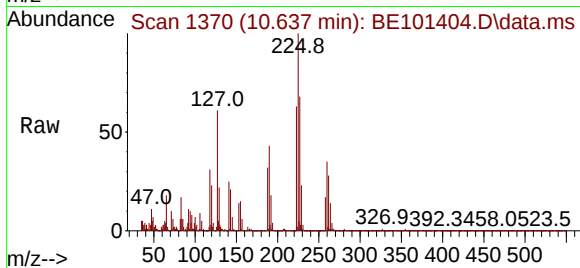
Tgt Ion:225 Resp: 24613

Ion Ratio Lower Upper

225 100

223 63.0 50.5 75.7

227 67.7 51.0 76.6



#35

Caprolactam

Concen: 3.486 ng

RT: 11.401 min Scan# 1500

Delta R.T. 0.005 min

Lab File: BE101404.D

Acq: 29 Oct 2024 13:21

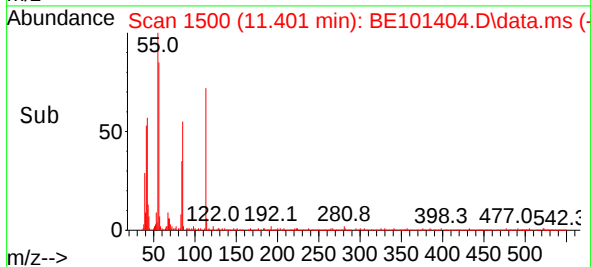
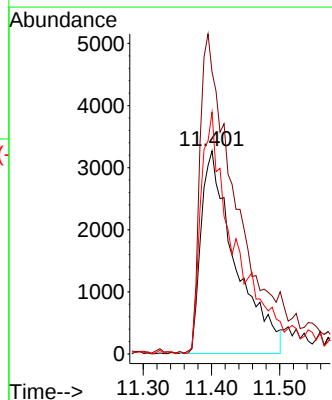
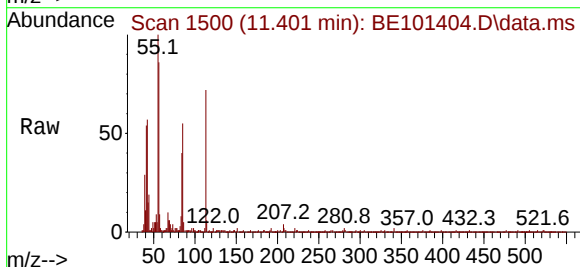
Tgt Ion:113 Resp: 11381

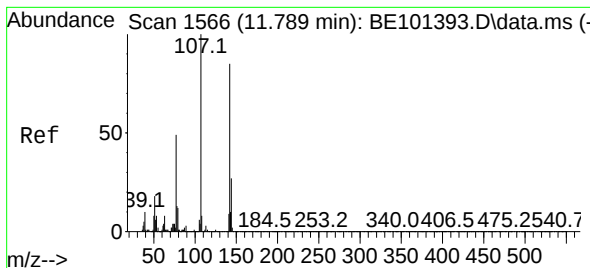
Ion Ratio Lower Upper

113 100

55 138.9 141.2 181.2#

56 119.1 96.9 136.9





#36

4-Chloro-3-methylphenol

Concen: 4.325 ng

RT: 11.783 min Scan# 1566

Delta R.T. -0.007 min

Lab File: BE101404.D

Acq: 29 Oct 2024 13:21

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT4-2024

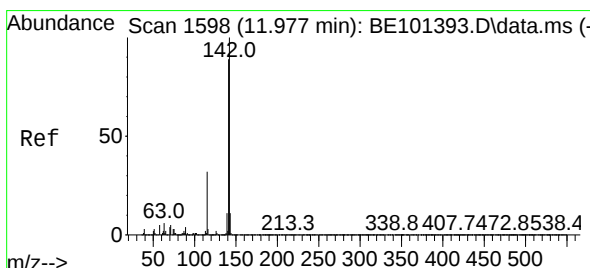
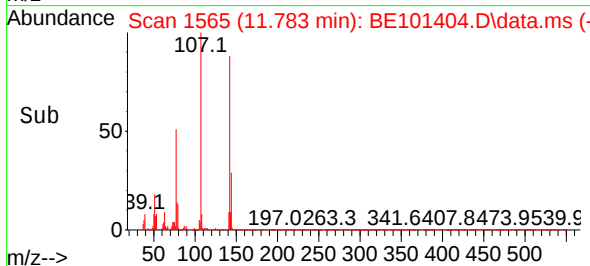
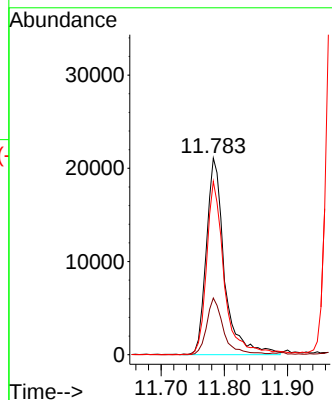
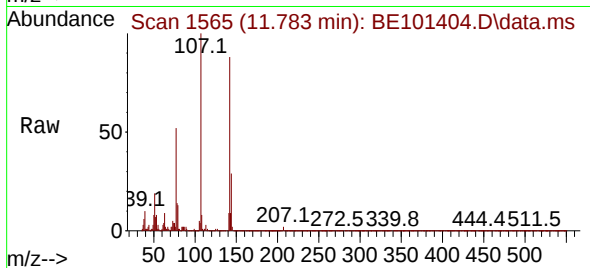
Tgt Ion:107 Resp: 41947

Ion Ratio Lower Upper

107 100

144 28.8 21.9 32.9

142 88.1 68.0 102.0



#37

2-Methylnaphthalene

Concen: 4.906 ng

RT: 11.976 min Scan# 1598

Delta R.T. -0.001 min

Lab File: BE101404.D

Acq: 29 Oct 2024 13:21

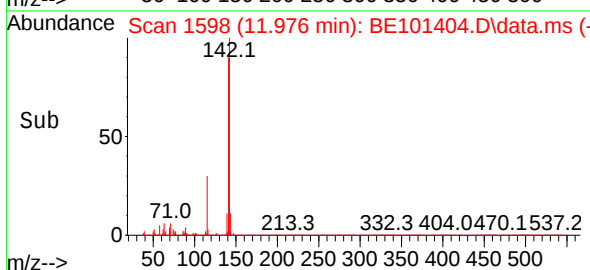
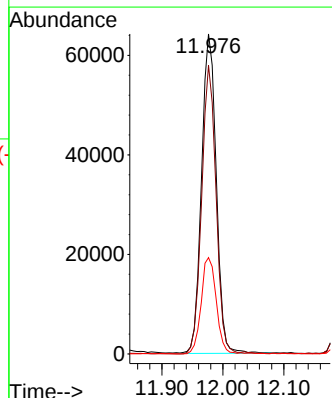
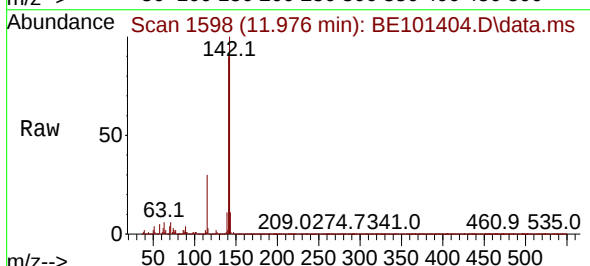
Tgt Ion:142 Resp: 107595

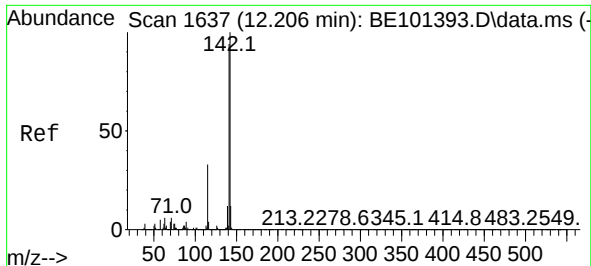
Ion Ratio Lower Upper

142 100

141 90.2 71.4 107.2

115 30.1 25.6 38.4





#38

1-Methylnaphthalene

Concen: 4.533 ng

RT: 12.206 min Scan# 1

Delta R.T. -0.001 min

Lab File: BE101404.D

Acq: 29 Oct 2024 13:21

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT4-2024

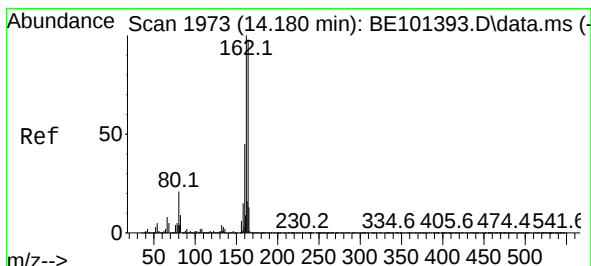
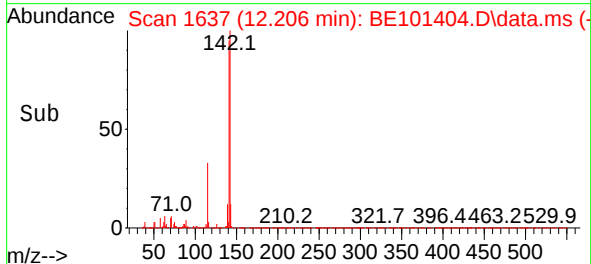
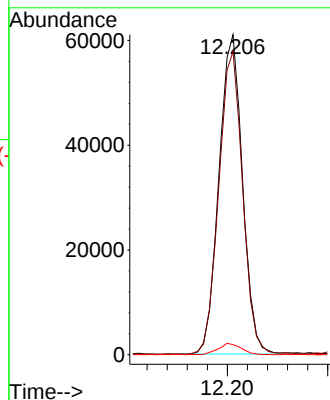
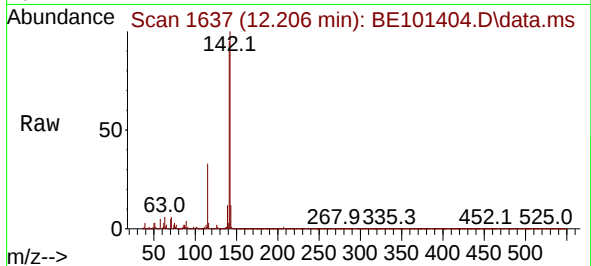
Tgt Ion:142 Resp: 99208

Ion Ratio Lower Upper

142 100

141 94.8 75.0 112.4

116 3.1 2.9 4.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.180 min Scan# 1973

Delta R.T. -0.001 min

Lab File: BE101404.D

Acq: 29 Oct 2024 13:21

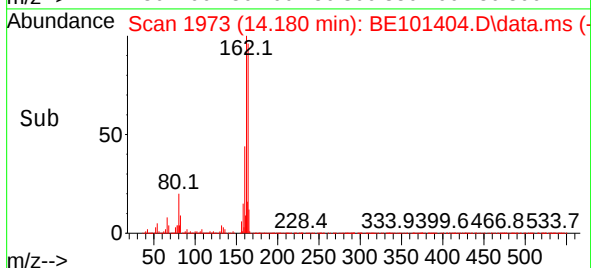
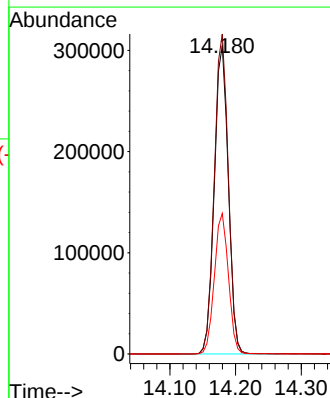
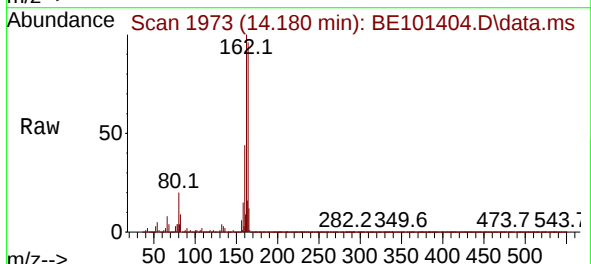
Tgt Ion:164 Resp: 450628

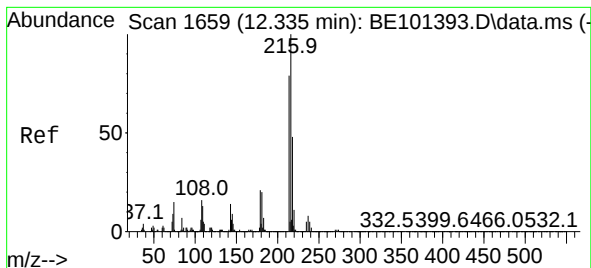
Ion Ratio Lower Upper

164 100

162 103.8 81.3 121.9

160 45.6 36.4 54.6





#40

1,2,4,5-Tetrachlorobenzene

Concen: 4.722 ng

RT: 12.329 min Scan# 1

Delta R.T. -0.007 min

Lab File: BE101404.D

Acq: 29 Oct 2024 13:21

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion:216 Resp: 53412

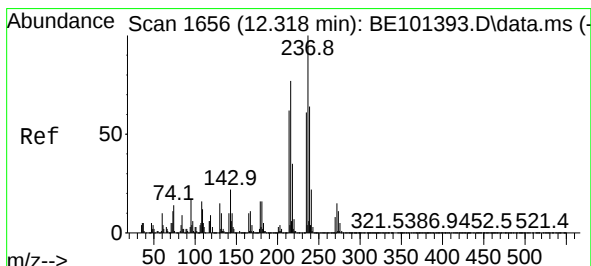
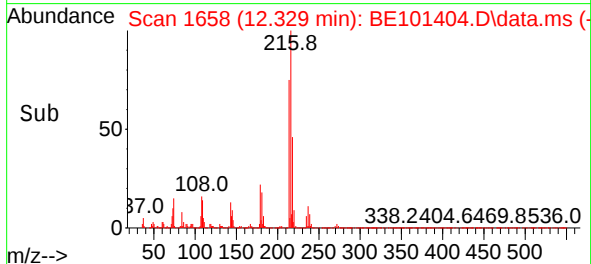
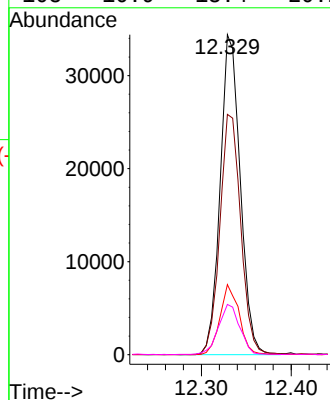
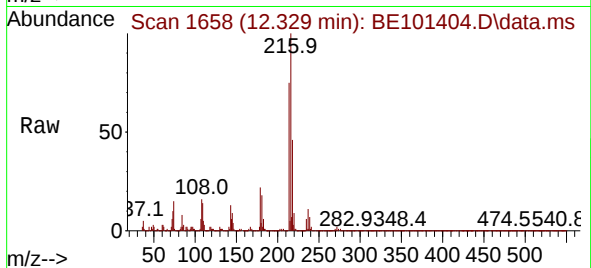
Ion Ratio Lower Upper

216 100

214 78.1 63.0 94.4

179 21.0 16.7 25.1

108 16.9 13.4 20.2



#41

Hexachlorocyclopentadiene

Concen: 3.717 ng

RT: 12.317 min Scan# 1656

Delta R.T. -0.001 min

Lab File: BE101404.D

Acq: 29 Oct 2024 13:21

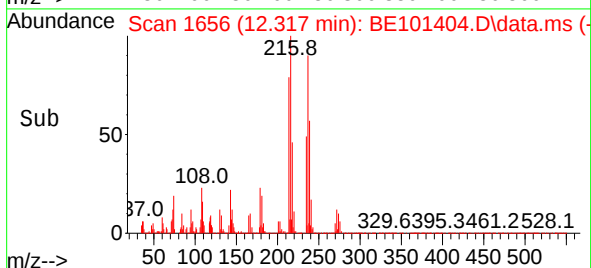
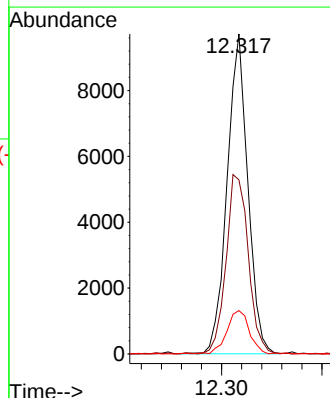
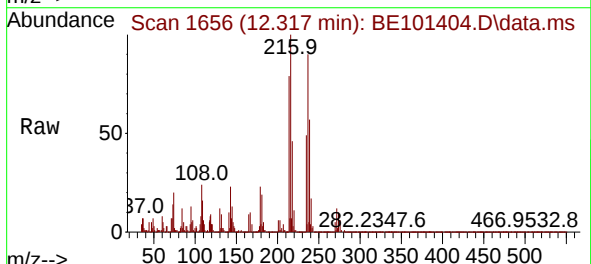
Tgt Ion:237 Resp: 13886

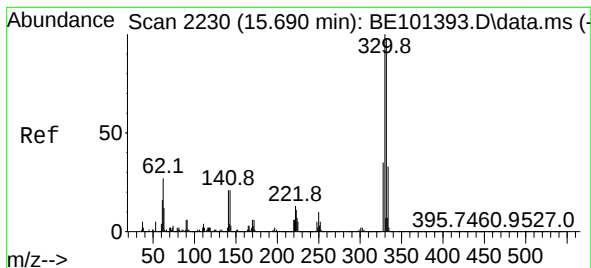
Ion Ratio Lower Upper

237 100

235 54.4 41.3 81.3

272 13.6 0.0 34.6





#42

2,4,6-Tribromophenol

Concen: 117.743 ng

RT: 15.684 min Scan# 2229

Delta R.T. -0.007 min

Lab File: BE101404.D

Acq: 29 Oct 2024 13:21

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT4-2024

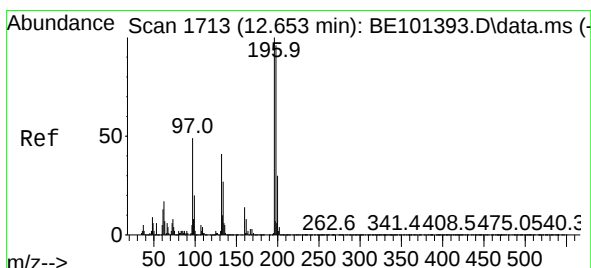
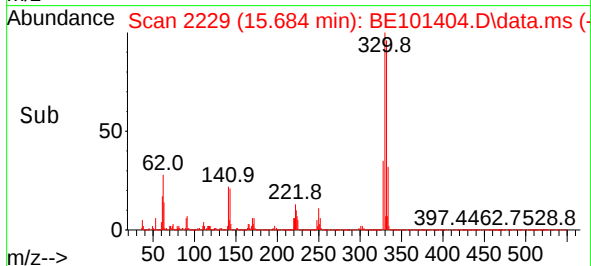
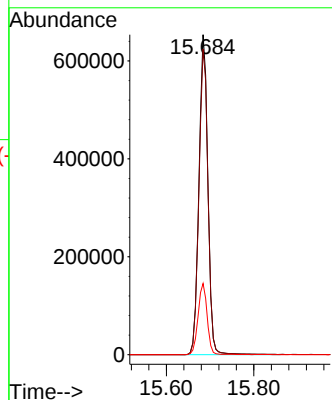
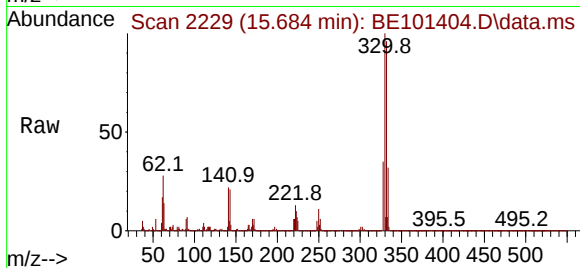
Tgt Ion:330 Resp: 929941

Ion Ratio Lower Upper

330 100

332 96.7 78.2 117.2

141 22.6 18.3 27.5



#43

2,4,6-Trichlorophenol

Concen: 4.172 ng

RT: 12.652 min Scan# 1713

Delta R.T. -0.001 min

Lab File: BE101404.D

Acq: 29 Oct 2024 13:21

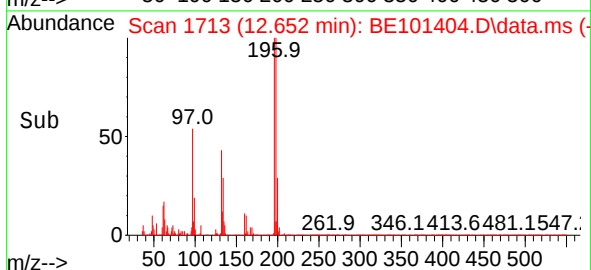
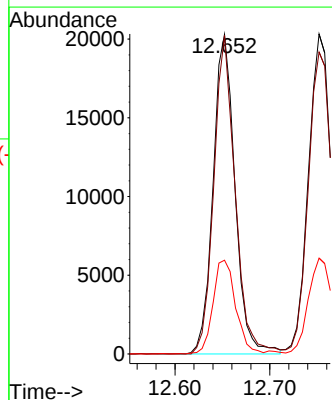
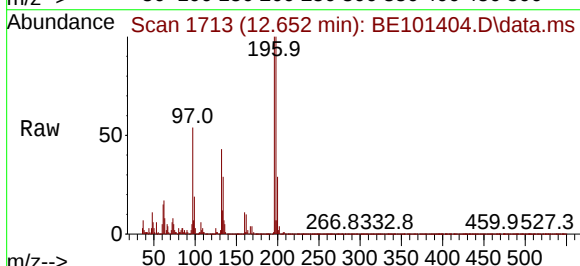
Tgt Ion:196 Resp: 32535

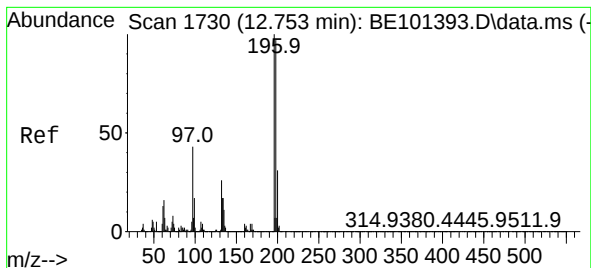
Ion Ratio Lower Upper

196 100

198 99.6 76.6 115.0

200 29.3 24.1 36.1





#44

2,4,5-Trichlorophenol

Concen: 4.185 ng

RT: 12.752 min Scan# 1730

Delta R.T. -0.001 min

Lab File: BE101404.D

Acq: 29 Oct 2024 13:21

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion:196 Resp: 37374

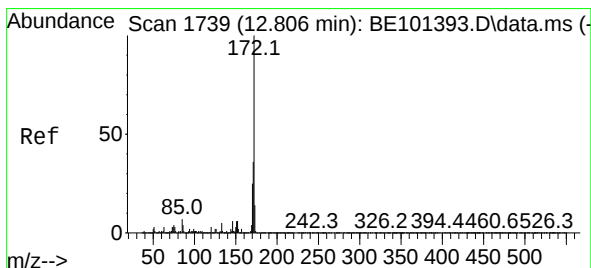
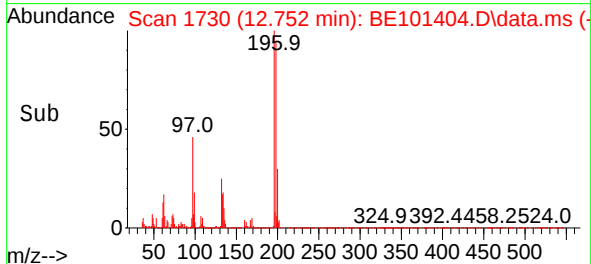
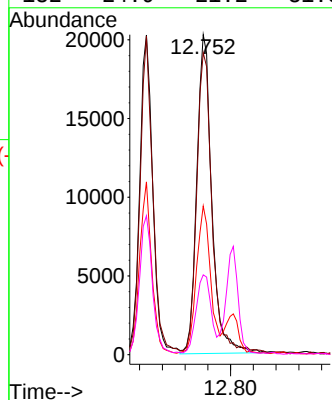
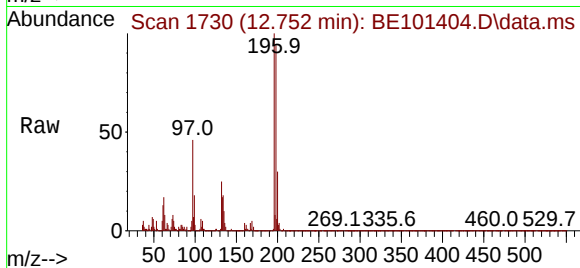
Ion Ratio Lower Upper

196 100

198 94.3 77.4 116.0

97 46.4 34.8 52.2

132 24.9 21.2 31.8



#45

2-Fluorobiphenyl

Concen: 81.042 ng

RT: 12.805 min Scan# 1739

Delta R.T. -0.001 min

Lab File: BE101404.D

Acq: 29 Oct 2024 13:21

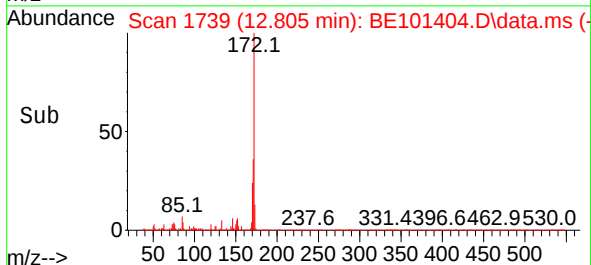
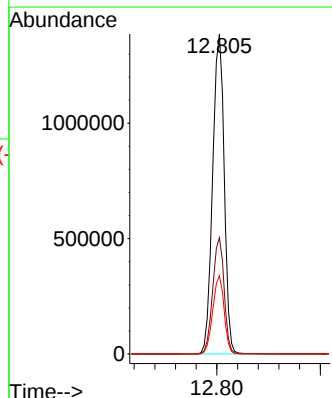
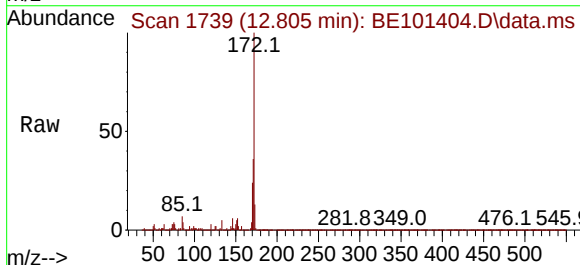
Tgt Ion:172 Resp: 2156410

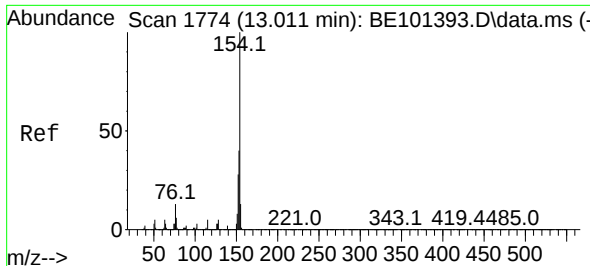
Ion Ratio Lower Upper

172 100

171 36.3 29.2 43.8

170 24.5 19.8 29.6

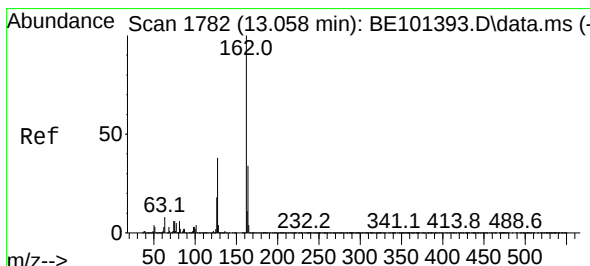
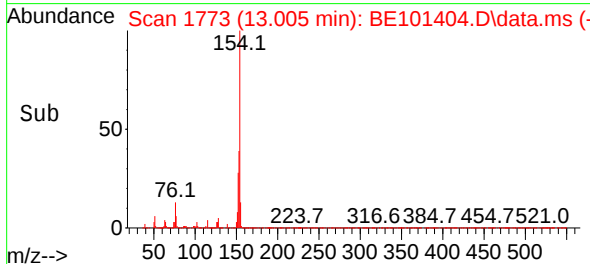
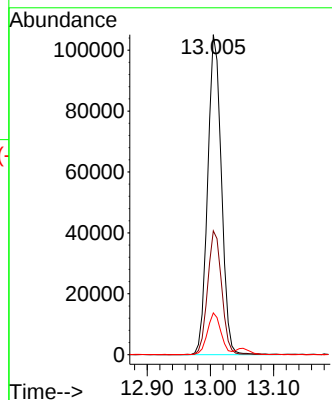
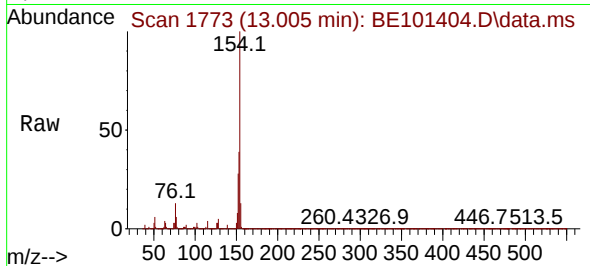




#46
1,1'-Biphenyl
Concen: 5.115 ng
RT: 13.005 min Scan# 1773
Delta R.T. -0.007 min
Lab File: BE101404.D
Acq: 29 Oct 2024 13:21

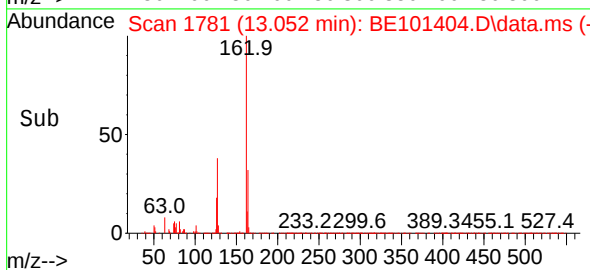
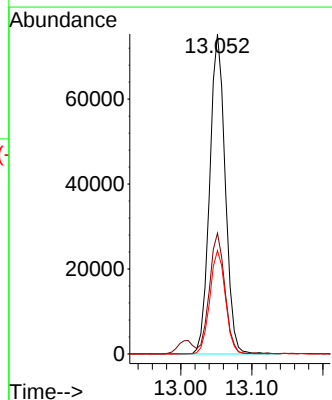
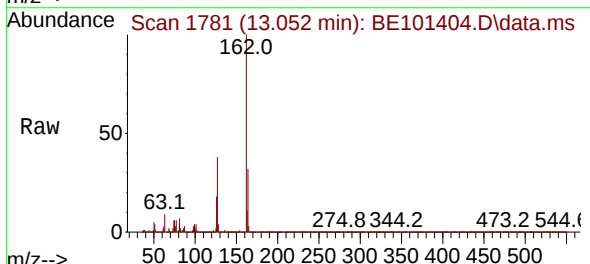
Instrument : BNA_E
ClientSampleId : LOQ-WATER-02-QT4-2024

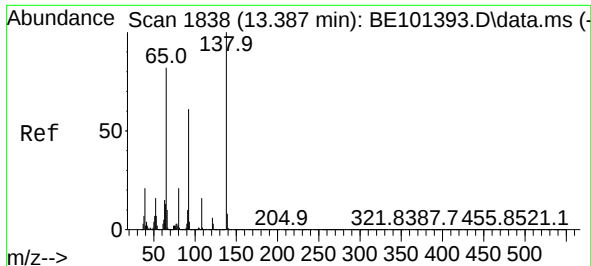
Tgt Ion:154 Resp: 157929
Ion Ratio Lower Upper
154 100
153 38.7 20.3 60.3
76 13.0 0.0 32.6



#47
2-Chloronaphthalene
Concen: 4.682 ng
RT: 13.052 min Scan# 1781
Delta R.T. -0.007 min
Lab File: BE101404.D
Acq: 29 Oct 2024 13:21

Tgt Ion:162 Resp: 114194
Ion Ratio Lower Upper
162 100
127 37.7 30.4 45.6
164 32.3 27.0 40.6

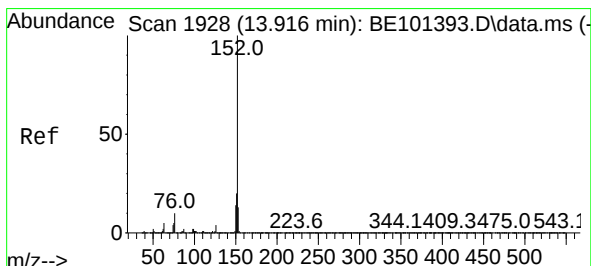
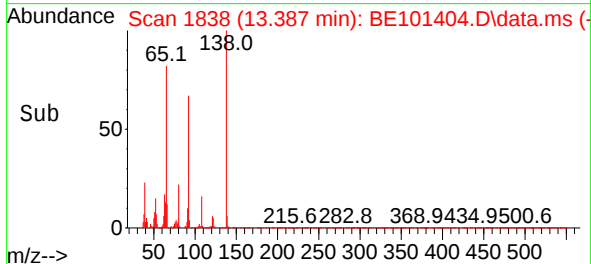
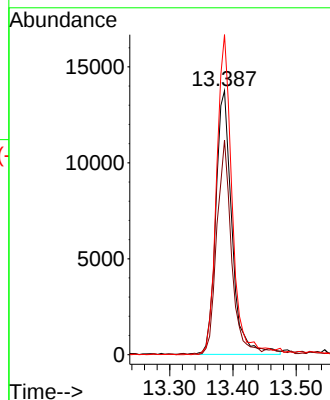
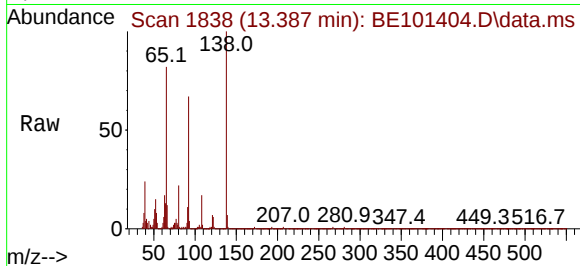




#48
2-Nitroaniline
Concen: 3.706 ng
RT: 13.387 min Scan# 1838
Delta R.T. -0.001 min
Lab File: BE101404.D
Acq: 29 Oct 2024 13:21

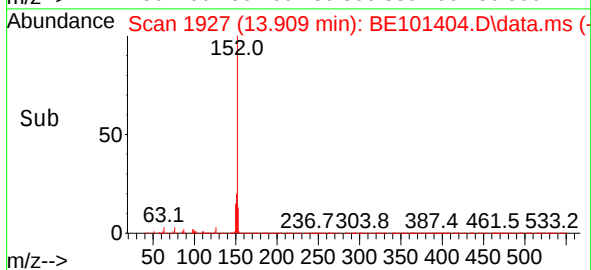
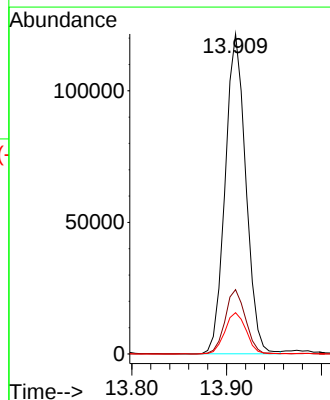
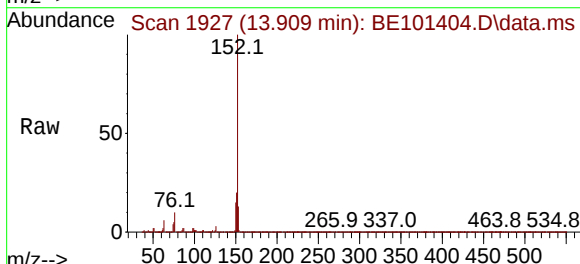
Instrument : BNA_E
ClientSampleId : LOQ-WATER-02-QT4-2024

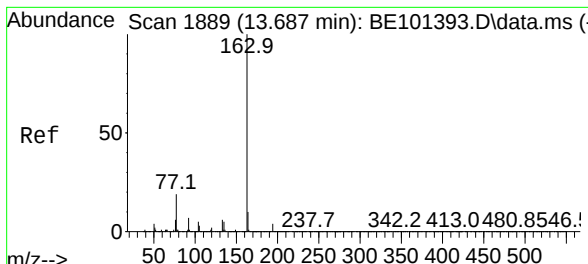
Tgt Ion: 65 Resp: 24326
Ion Ratio Lower Upper
65 100
92 81.3 59.0 88.4
138 121.2 97.4 146.0



#49
Acenaphthylene
Concen: 5.088 ng
RT: 13.909 min Scan# 1927
Delta R.T. -0.007 min
Lab File: BE101404.D
Acq: 29 Oct 2024 13:21

Tgt Ion: 152 Resp: 183513
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.4
153 12.9 10.5 15.7

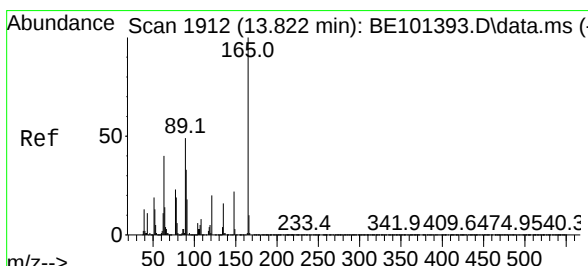
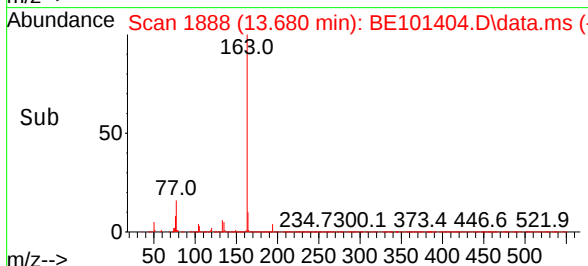
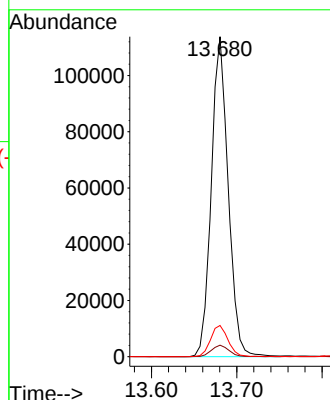
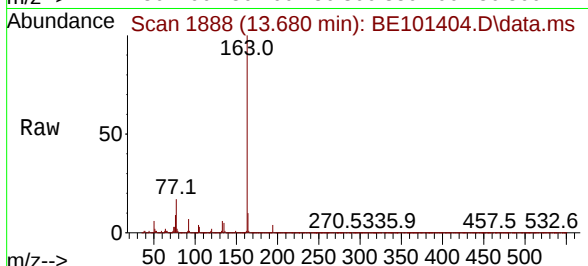




#50
Dimethylphthalate
Concen: 4.929 ng
RT: 13.680 min Scan# 1888
Delta R.T. -0.007 min
Lab File: BE101404.D
Acq: 29 Oct 2024 13:21

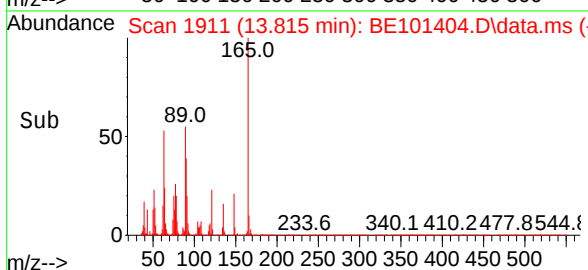
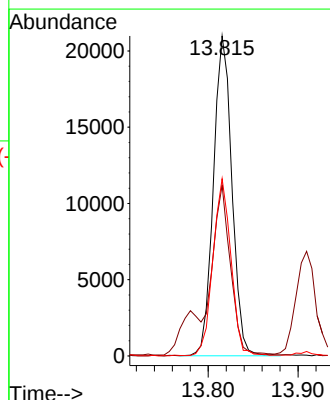
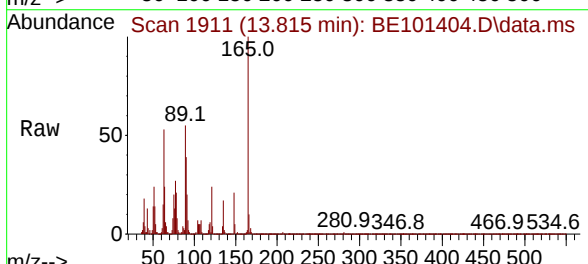
Instrument : BNA_E
ClientSampleId : LOQ-WATER-02-QT4-2024

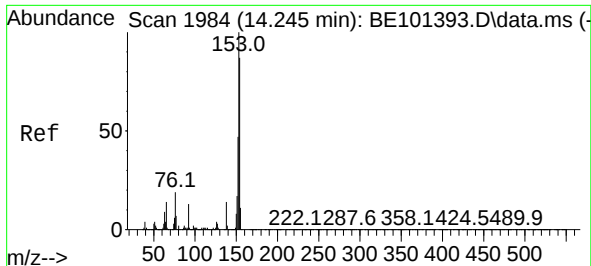
Tgt Ion:163 Resp: 156773
Ion Ratio Lower Upper
163 100
194 3.6 2.9 4.3
164 9.7 8.4 12.6



#51
2,6-Dinitrotoluene
Concen: 4.090 ng
RT: 13.815 min Scan# 1911
Delta R.T. -0.007 min
Lab File: BE101404.D
Acq: 29 Oct 2024 13:21

Tgt Ion:165 Resp: 30033
Ion Ratio Lower Upper
165 100
63 53.3 38.0 57.0
89 55.4 39.5 59.3

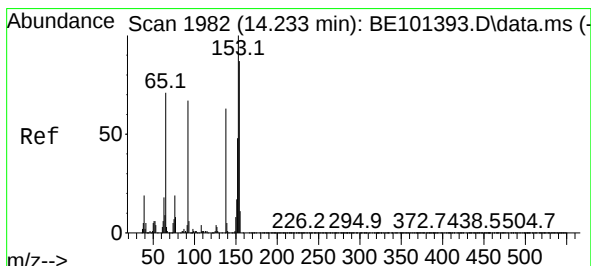
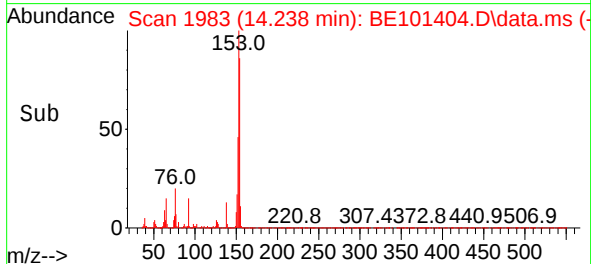
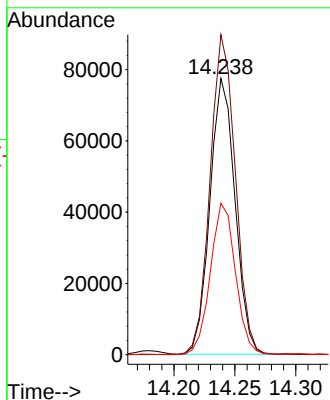
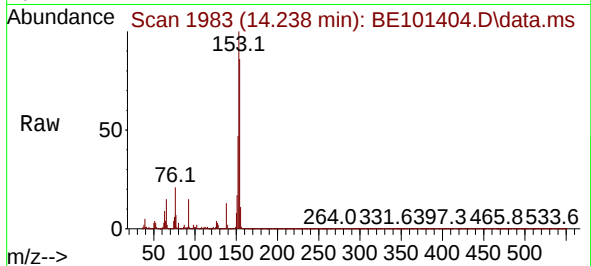




#52
Acenaphthene
Concen: 4.715 ng
RT: 14.238 min Scan# 1983
Delta R.T. -0.007 min
Lab File: BE101404.D
Acq: 29 Oct 2024 13:21

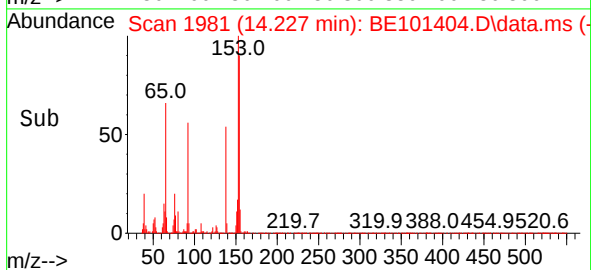
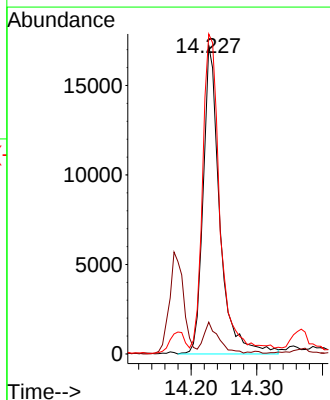
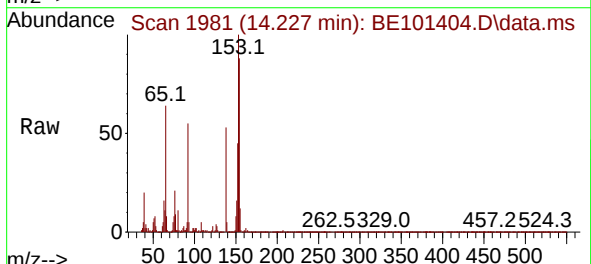
Instrument : BNA_E
ClientSampleId : LOQ-WATER-02-QT4-2024

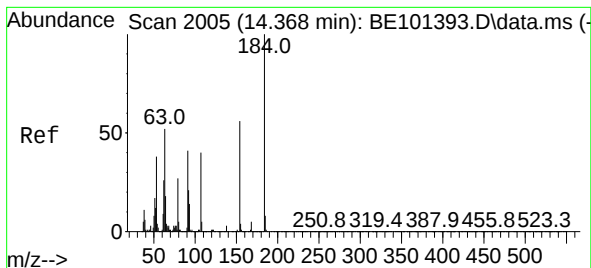
Tgt Ion:154 Resp: 111066
Ion Ratio Lower Upper
154 100
153 115.9 91.8 137.6
152 54.8 43.1 64.7



#53
3-Nitroaniline
Concen: 4.170 ng
RT: 14.227 min Scan# 1981
Delta R.T. -0.007 min
Lab File: BE101404.D
Acq: 29 Oct 2024 13:21

Tgt Ion:138 Resp: 30448
Ion Ratio Lower Upper
138 100
108 10.3 7.1 10.7
92 103.8 84.4 126.6





#54

2,4-Dinitrophenol

Concen: 7.132 ng

RT: 14.368 min Scan# 2005

Delta R.T. -0.000 min

Lab File: BE101404.D

Acq: 29 Oct 2024 13:21

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT4-2024

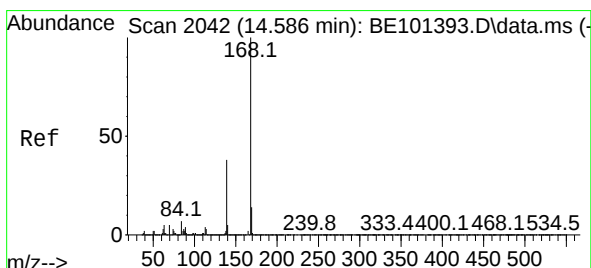
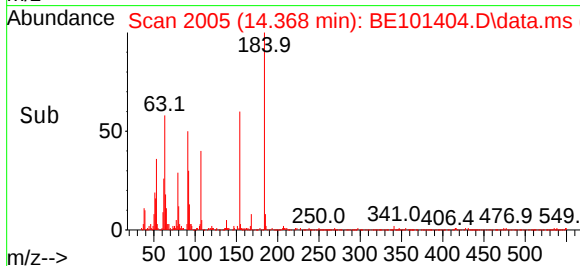
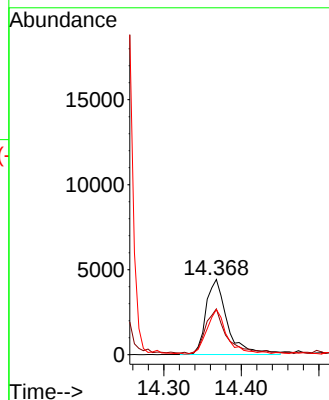
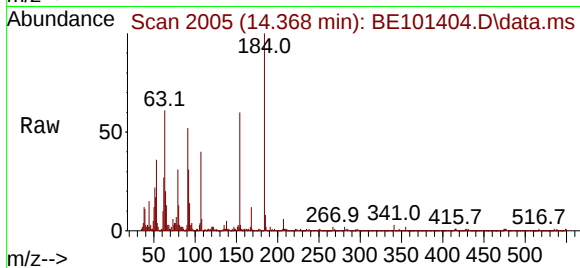
Tgt Ion:184 Resp: 8504

Ion Ratio Lower Upper

184 100

63 60.9 41.8 62.6

154 60.1 44.9 67.3



#55

Dibenzofuran

Concen: 5.046 ng

RT: 14.585 min Scan# 2042

Delta R.T. -0.001 min

Lab File: BE101404.D

Acq: 29 Oct 2024 13:21

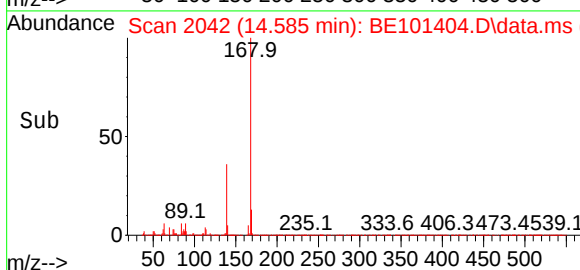
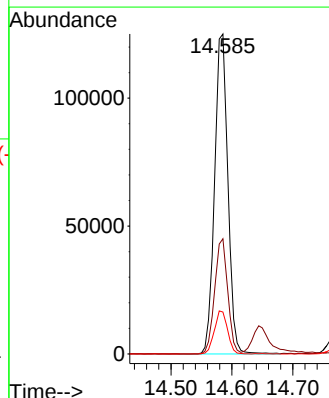
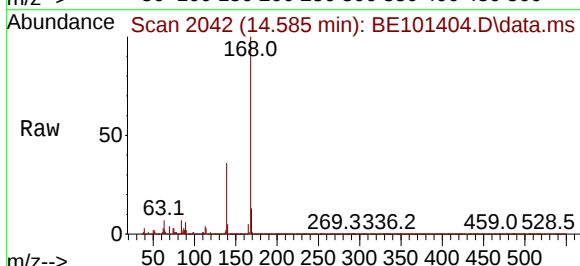
Tgt Ion:168 Resp: 189415

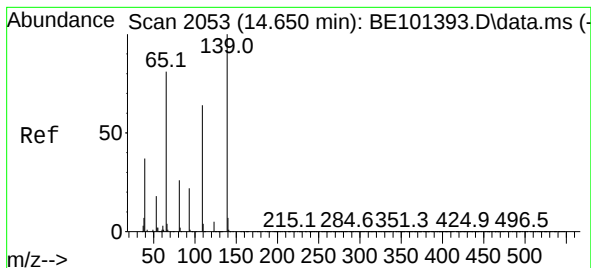
Ion Ratio Lower Upper

168 100

139 36.0 30.2 45.4

169 13.1 11.0 16.4





#56

4-Nitrophenol

Concen: 3.430 ng

RT: 14.644 min Scan# 2052

Delta R.T. -0.006 min

Lab File: BE101404.D

Acq: 29 Oct 2024 13:21

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT4-2024

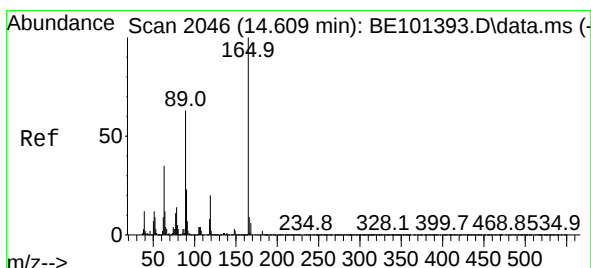
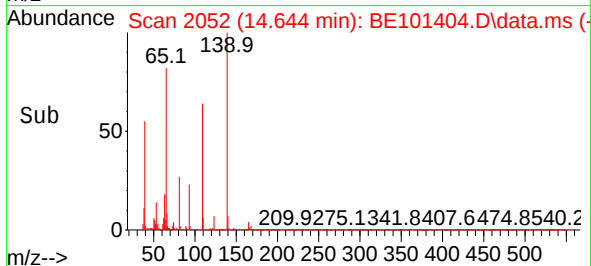
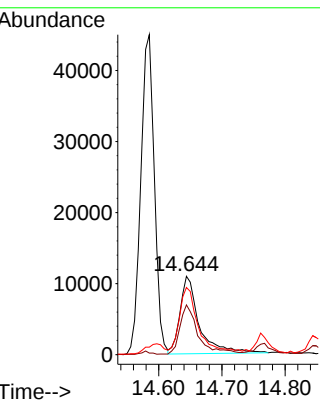
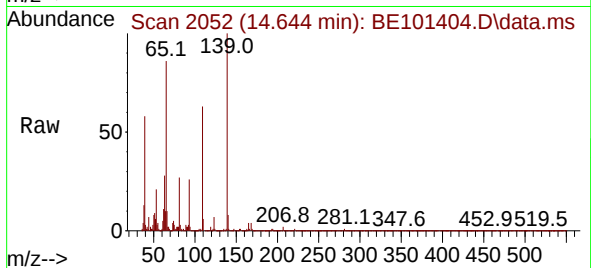
Tgt Ion:139 Resp: 22936

Ion Ratio Lower Upper

139 100

109 63.3 42.4 82.4

65 85.6 63.4 103.4



#57

2,4-Dinitrotoluene

Concen: 3.824 ng

RT: 14.603 min Scan# 2045

Delta R.T. -0.007 min

Lab File: BE101404.D

Acq: 29 Oct 2024 13:21

Tgt Ion:165 Resp: 38659

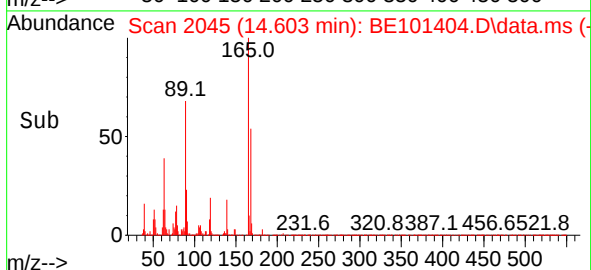
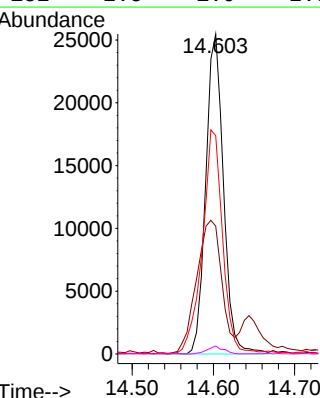
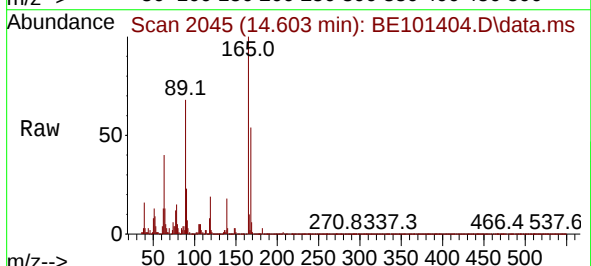
Ion Ratio Lower Upper

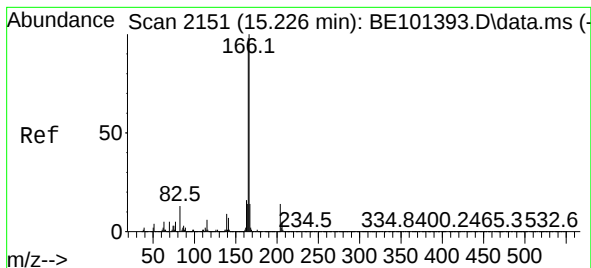
165 100

63 40.0 28.6 42.8

89 68.2 50.8 76.2

182 2.5 1.9 2.9





#58

Fluorene

Concen: 4.889 ng

RT: 15.220 min Scan# 2151

Delta R.T. -0.007 min

Lab File: BE101404.D

Acq: 29 Oct 2024 13:21

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT4-2024

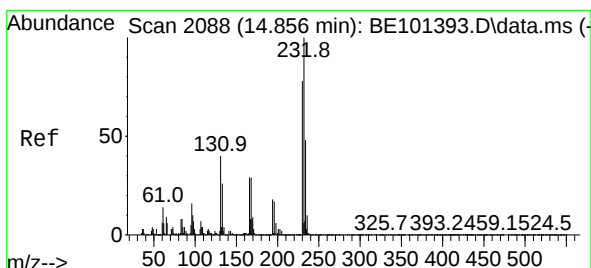
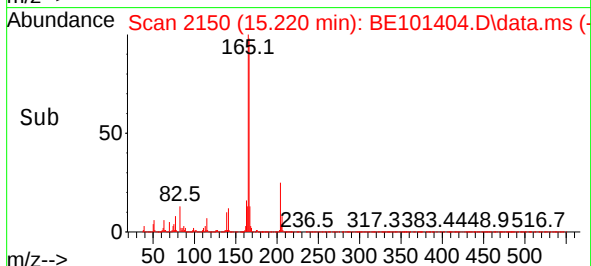
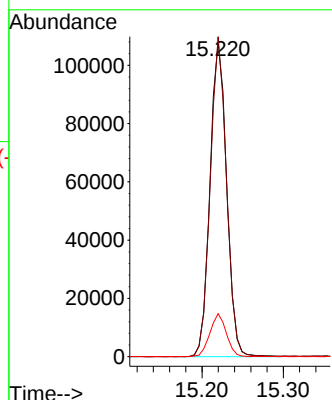
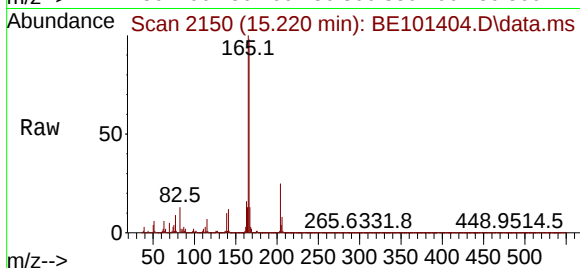
Tgt Ion:166 Resp: 153527

Ion Ratio Lower Upper

166 100

165 101.7 78.7 118.1

167 13.7 11.0 16.4



#59

2,3,4,6-Tetrachlorophenol

Concen: 4.638 ng

RT: 14.850 min Scan# 2087

Delta R.T. -0.007 min

Lab File: BE101404.D

Acq: 29 Oct 2024 13:21

Tgt Ion:232 Resp: 38271

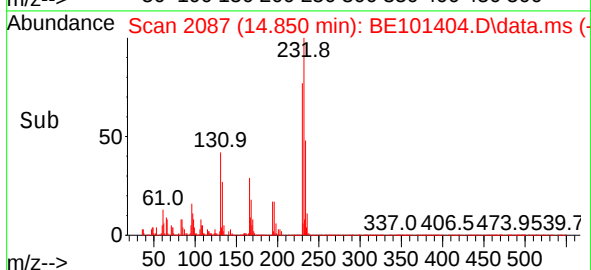
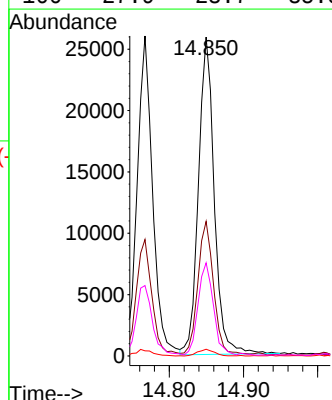
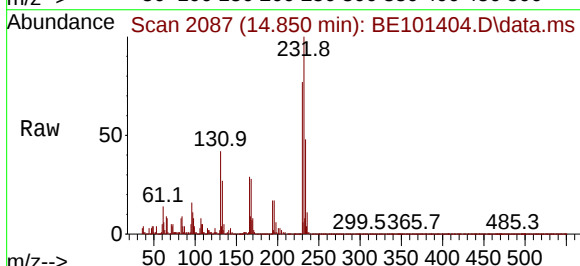
Ion Ratio Lower Upper

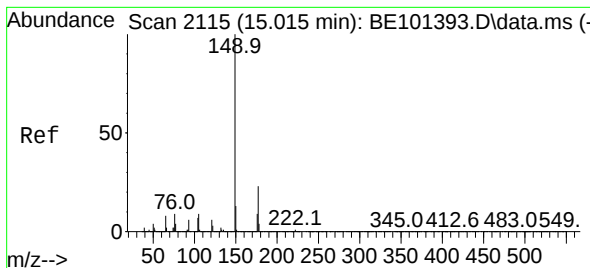
232 100

131 41.2 33.5 50.3

130 2.2 1.6 2.4

166 27.9 23.7 35.5





#60

Diethylphthalate

Concen: 4.811 ng

RT: 15.008 min Scan# 2114

Delta R.T. -0.007 min

Lab File: BE101404.D

Acq: 29 Oct 2024 13:21

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT4-2024

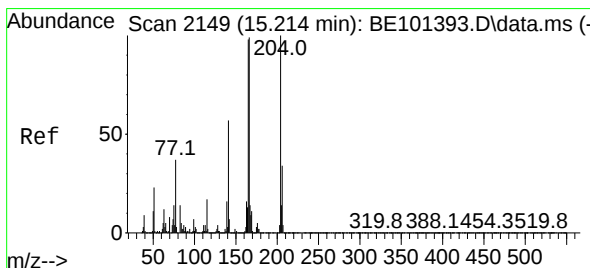
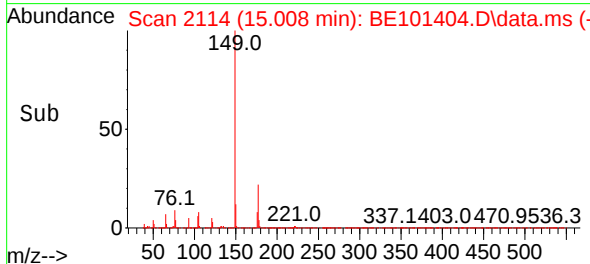
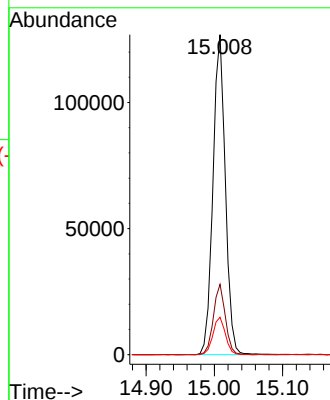
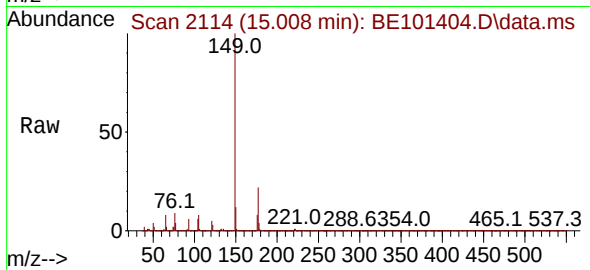
Tgt Ion:149 Resp: 160082

Ion Ratio Lower Upper

149 100

177 22.0 18.0 27.0

150 11.7 10.3 15.5



#61

4-Chlorophenyl-phenylether

Concen: 4.851 ng

RT: 15.208 min Scan# 2148

Delta R.T. -0.007 min

Lab File: BE101404.D

Acq: 29 Oct 2024 13:21

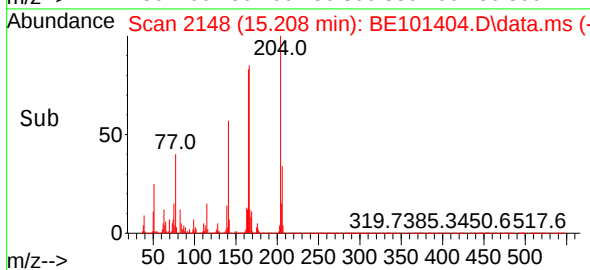
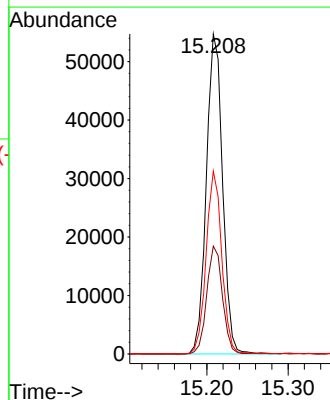
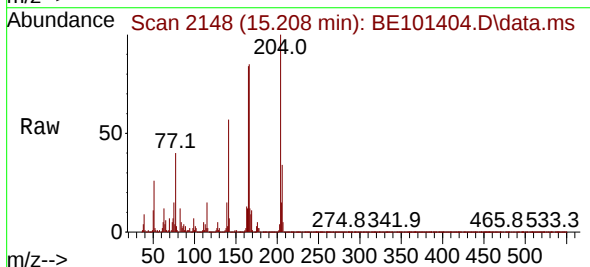
Tgt Ion:204 Resp: 75599

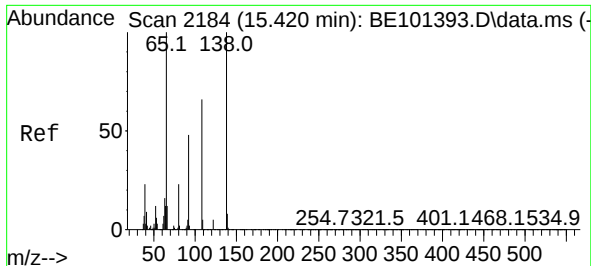
Ion Ratio Lower Upper

204 100

206 33.7 26.9 40.3

141 57.2 45.9 68.9





#62

4-Nitroaniline

Concen: 3.618 ng

RT: 15.414 min Scan# 2183

Delta R.T. -0.007 min

Lab File: BE101404.D

Acq: 29 Oct 2024 13:21

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT4-2024

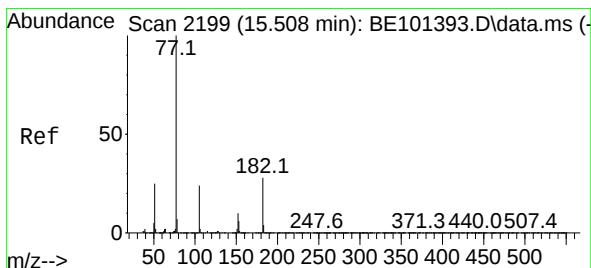
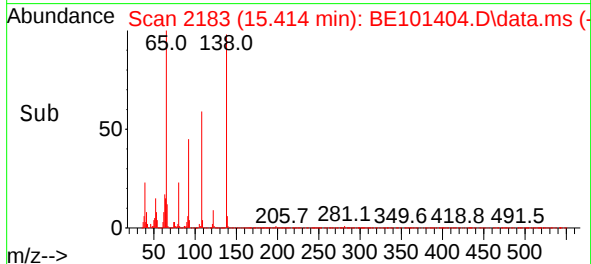
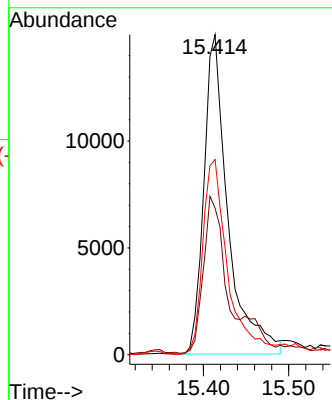
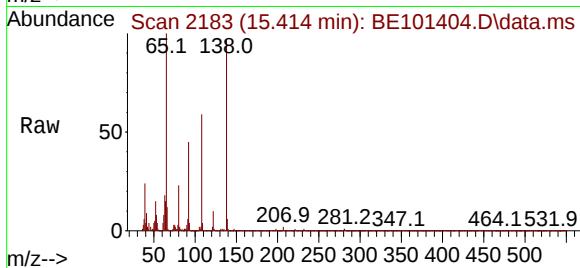
Tgt Ion:138 Resp: 29400

Ion Ratio Lower Upper

138 100

92 45.8 28.7 68.7

108 61.0 46.5 86.5



#63

Azobenzene

Concen: 4.819 ng

RT: 15.502 min Scan# 2198

Delta R.T. -0.007 min

Lab File: BE101404.D

Acq: 29 Oct 2024 13:21

Tgt Ion: 77 Resp: 137826

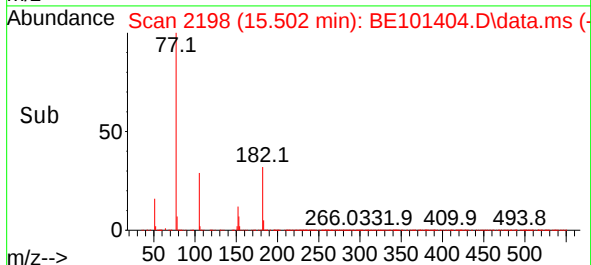
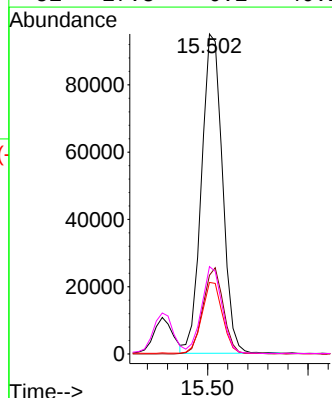
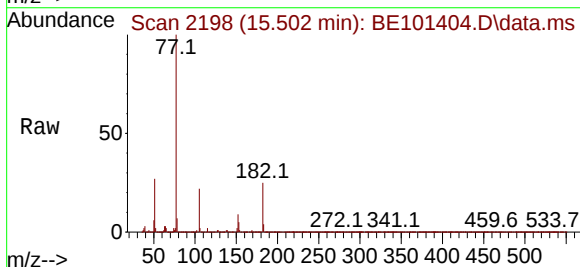
Ion Ratio Lower Upper

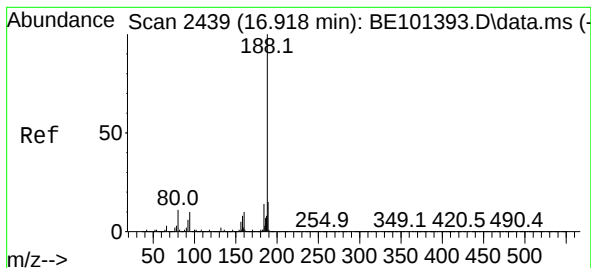
77 100

182 24.6 7.6 47.6

105 22.3 3.2 43.2

51 27.3 6.2 46.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.912 min Scan# 2439

Delta R.T. -0.007 min

Lab File: BE101404.D

Acq: 29 Oct 2024 13:21

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT4-2024

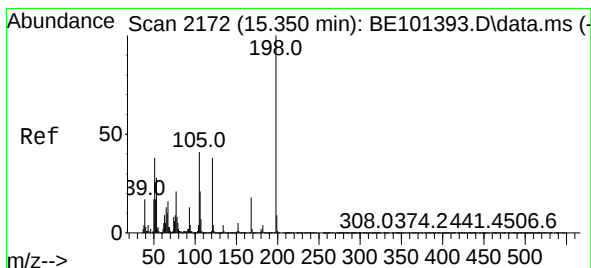
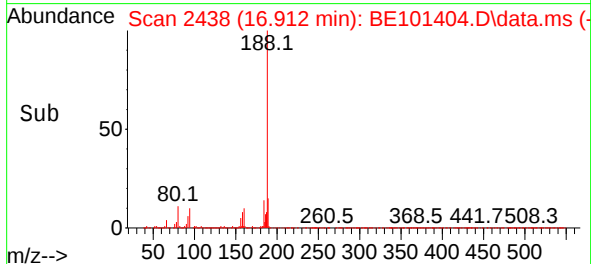
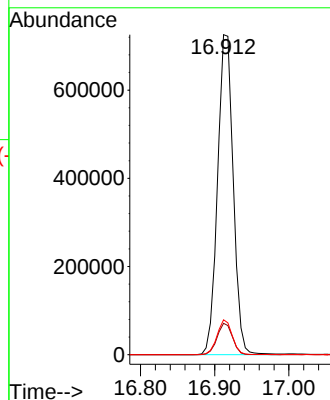
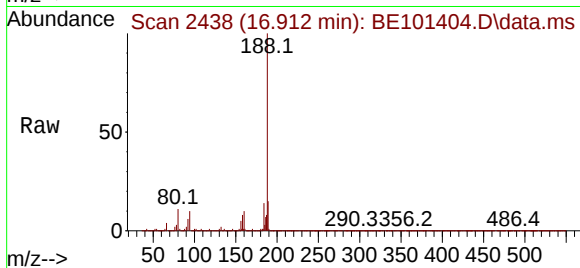
Tgt Ion:188 Resp: 1065553

Ion Ratio Lower Upper

188 100

94 9.8 7.8 11.8

80 10.9 8.6 12.8



#65

4,6-Dinitro-2-methylphenol

Concen: 2.700 ng

RT: 15.343 min Scan# 2171

Delta R.T. -0.007 min

Lab File: BE101404.D

Acq: 29 Oct 2024 13:21

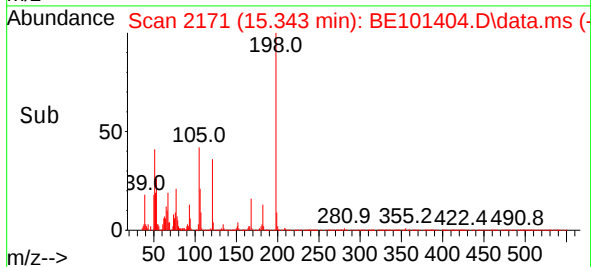
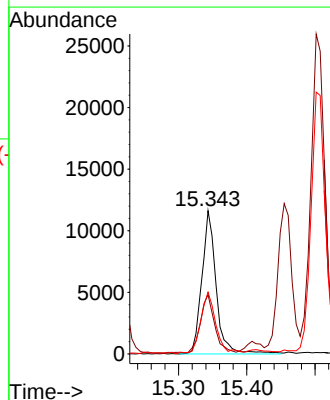
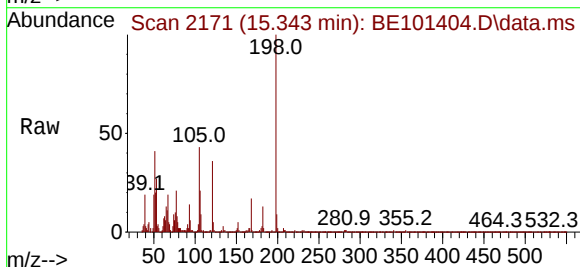
Tgt Ion:198 Resp: 16904

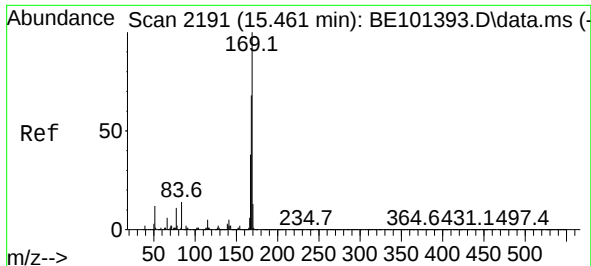
Ion Ratio Lower Upper

198 100

51 41.3 18.2 58.2

105 43.2 21.5 61.5

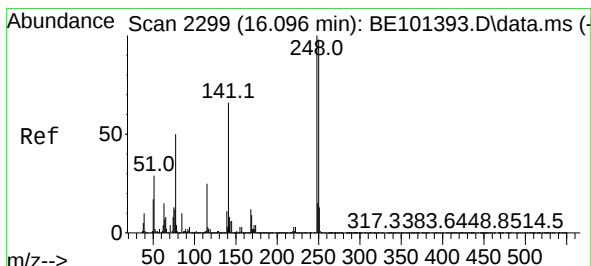
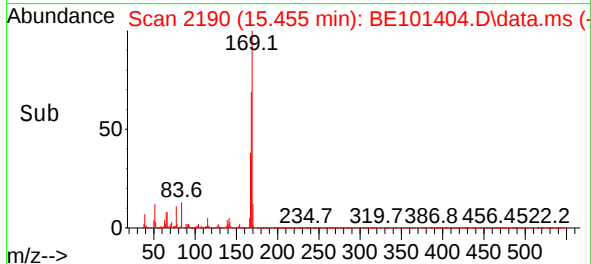
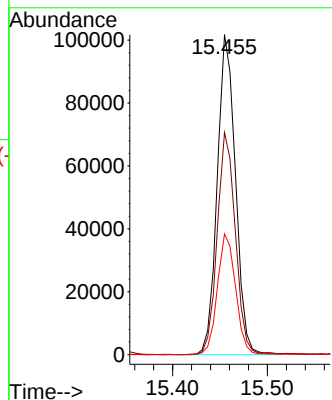
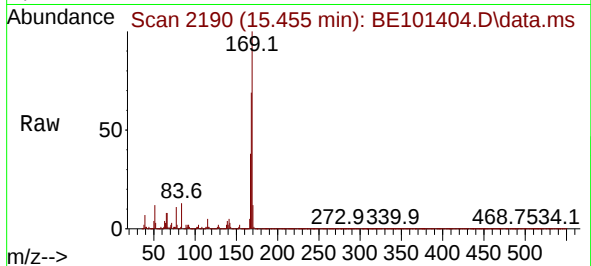




#66
n-Nitrosodiphenylamine
Concen: 4.822 ng
RT: 15.455 min Scan# 2191
Delta R.T. -0.007 min
Lab File: BE101404.D
Acq: 29 Oct 2024 13:21

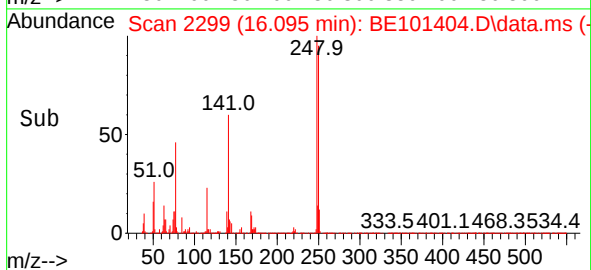
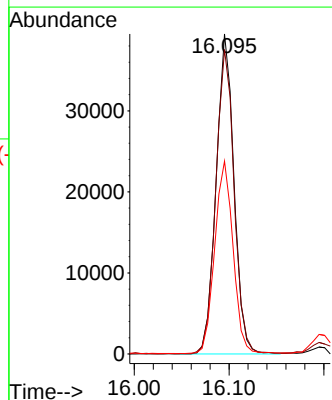
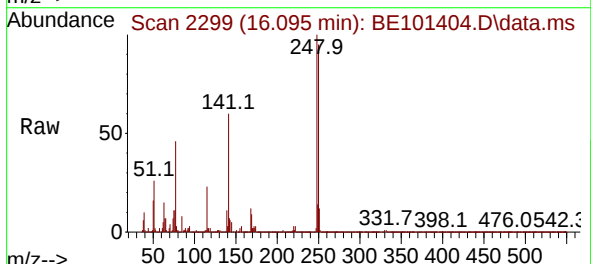
Instrument : BNA_E
ClientSampleId : LOQ-WATER-02-QT4-2024

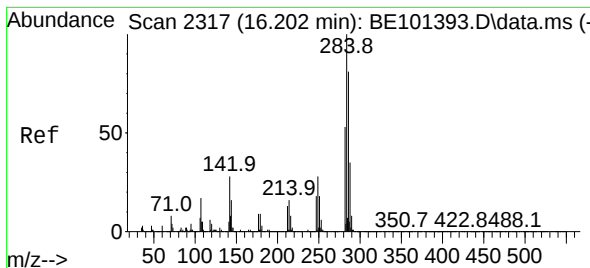
Tgt Ion:169 Resp: 136251
Ion Ratio Lower Upper
169 100
168 69.4 54.5 81.7
167 37.7 30.4 45.6



#67
4-Bromophenyl-phenylether
Concen: 4.606 ng
RT: 16.095 min Scan# 2299
Delta R.T. -0.001 min
Lab File: BE101404.D
Acq: 29 Oct 2024 13:21

Tgt Ion:248 Resp: 51629
Ion Ratio Lower Upper
248 100
250 95.1 78.2 117.2
141 60.3 53.0 79.4





#68

Hexachlorobenzene

Concen: 4.598 ng

RT: 16.201 min Scan# 2317

Delta R.T. -0.001 min

Lab File: BE101404.D

Acq: 29 Oct 2024 13:21

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT4-2024

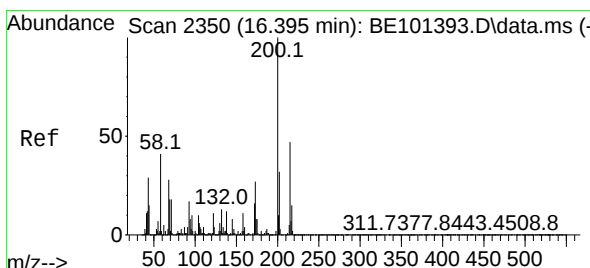
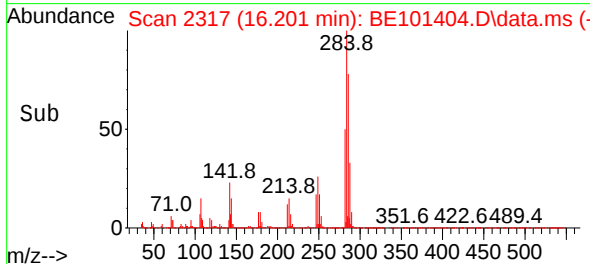
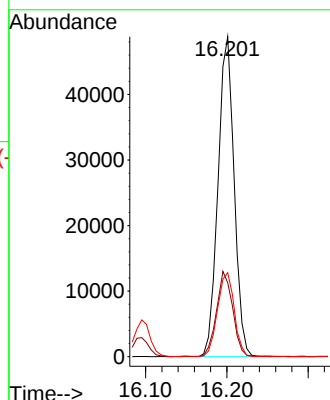
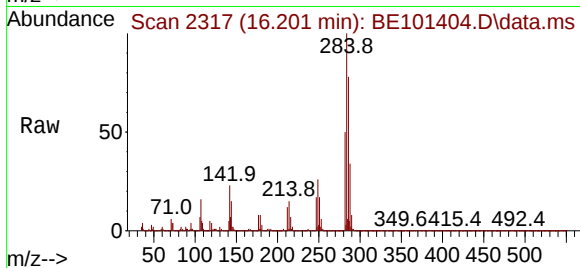
Tgt Ion:284 Resp: 67560

Ion Ratio Lower Upper

284 100

142 23.1 22.2 33.2

249 26.3 22.8 34.2



#69

Atrazine

Concen: 5.505 ng

RT: 16.389 min Scan# 2349

Delta R.T. -0.006 min

Lab File: BE101404.D

Acq: 29 Oct 2024 13:21

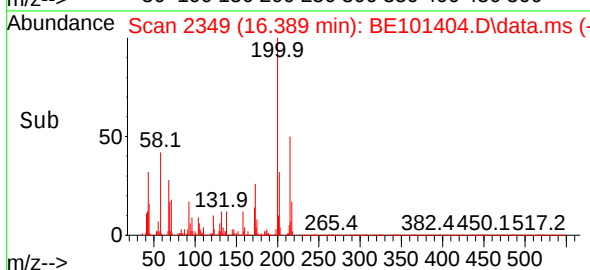
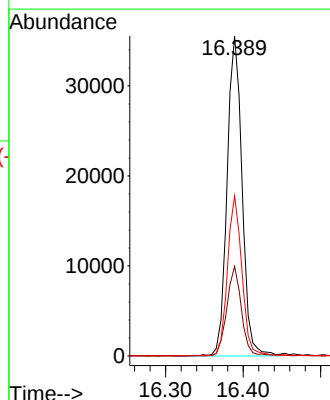
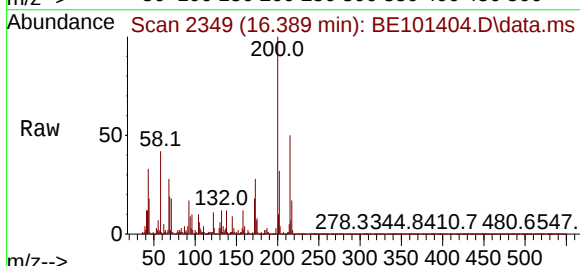
Tgt Ion:200 Resp: 47689

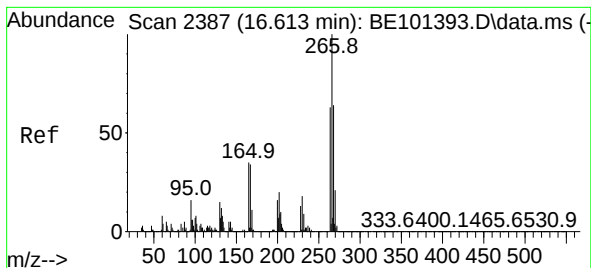
Ion Ratio Lower Upper

200 100

173 28.0 7.0 47.0

215 50.0 27.3 67.3





#70

Pentachlorophenol

Concen: 3.216 ng

RT: 16.606 min Scan# 2445

Delta R.T. -0.007 min

Lab File: BE101404.D

Acq: 29 Oct 2024 13:21

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT4-2024

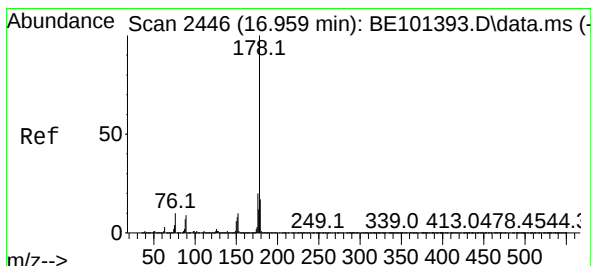
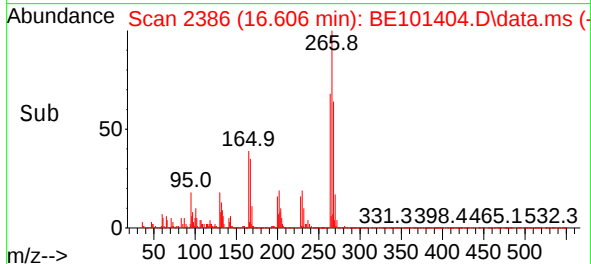
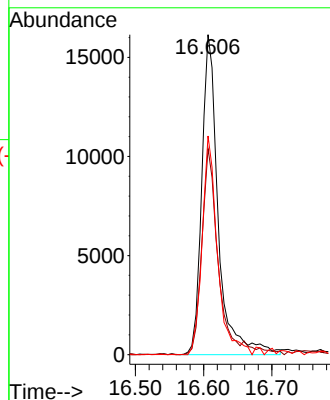
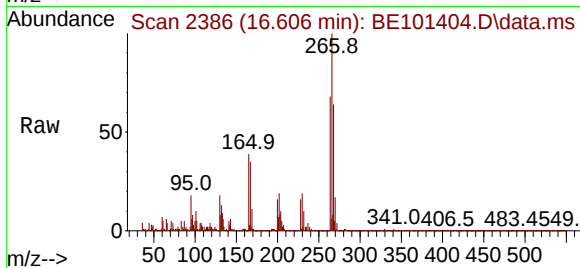
Tgt Ion:266 Resp: 27196

Ion Ratio Lower Upper

266 100

268 64.4 51.5 77.3

264 68.4 50.7 76.1



#71

Phenanthrene

Concen: 5.195 ng

RT: 16.953 min Scan# 2445

Delta R.T. -0.007 min

Lab File: BE101404.D

Acq: 29 Oct 2024 13:21

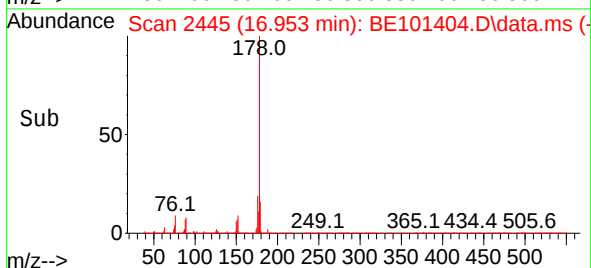
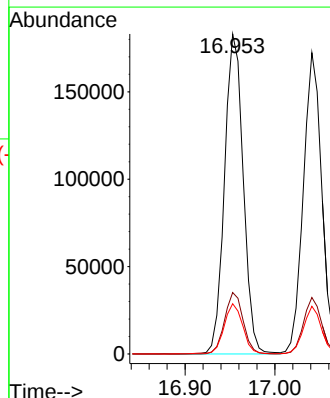
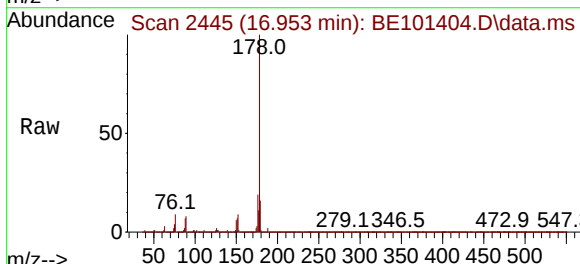
Tgt Ion:178 Resp: 265034

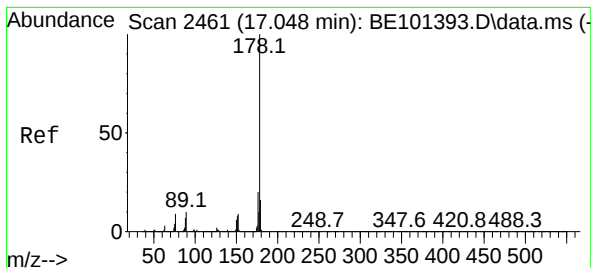
Ion Ratio Lower Upper

178 100

176 19.2 16.4 24.6

179 15.7 13.2 19.8





#72

Anthracene

Concen: 5.052 ng

RT: 17.041 min Scan# 2461

Delta R.T. -0.007 min

Lab File: BE101404.D

Acq: 29 Oct 2024 13:21

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT4-2024

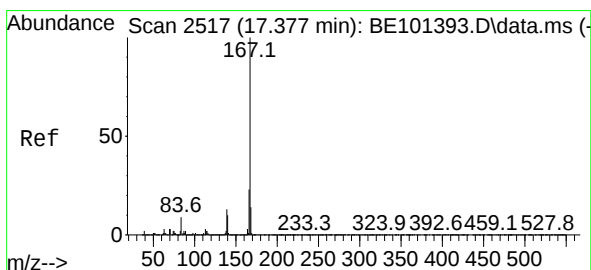
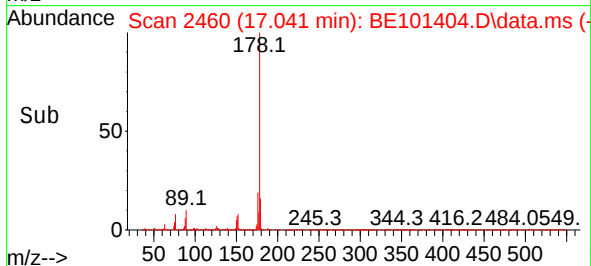
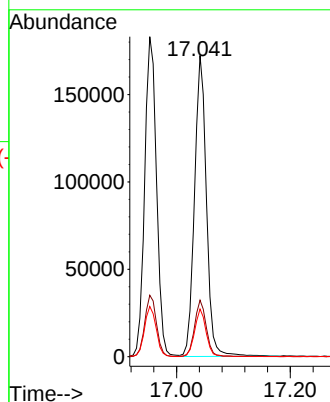
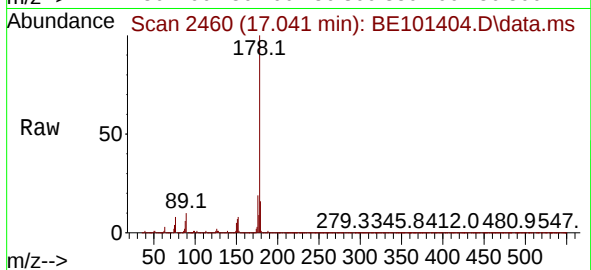
Tgt Ion:178 Resp: 251648

Ion Ratio Lower Upper

178 100

176 18.8 15.9 23.9

179 15.8 13.1 19.7



#73

Carbazole

Concen: 4.816 ng

RT: 17.370 min Scan# 2516

Delta R.T. -0.007 min

Lab File: BE101404.D

Acq: 29 Oct 2024 13:21

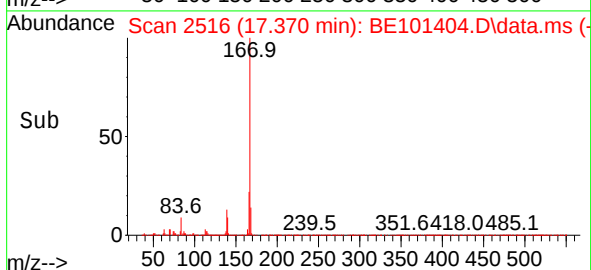
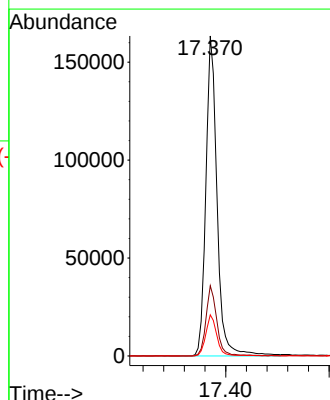
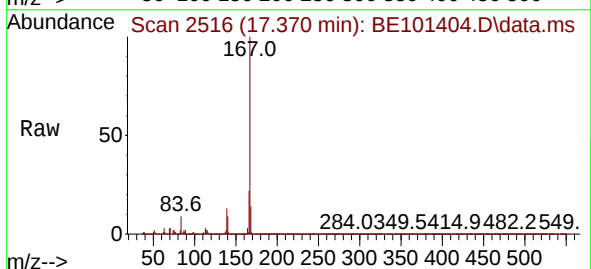
Tgt Ion:167 Resp: 245474

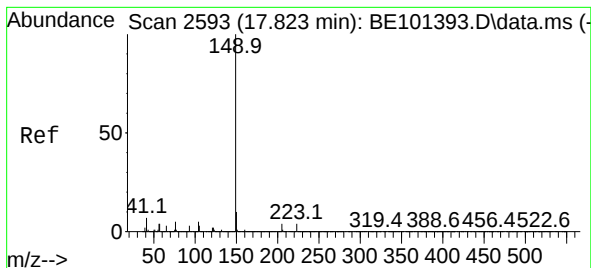
Ion Ratio Lower Upper

167 100

166 22.0 18.3 27.5

139 12.8 10.8 16.2





#74

Di-n-butylphthalate

Concen: 4.631 ng

RT: 17.823 min Scan# 2593

Delta R.T. -0.001 min

Lab File: BE101404.D

Acq: 29 Oct 2024 13:21

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT4-2024

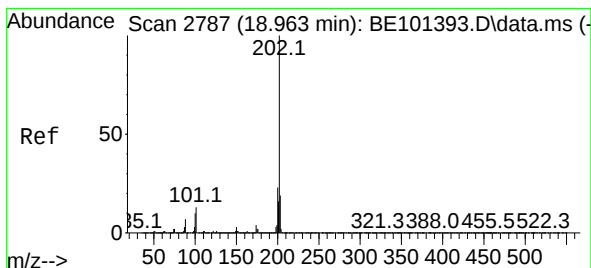
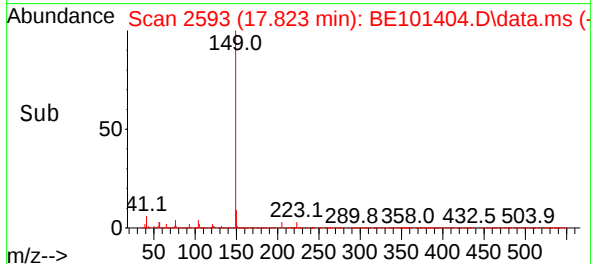
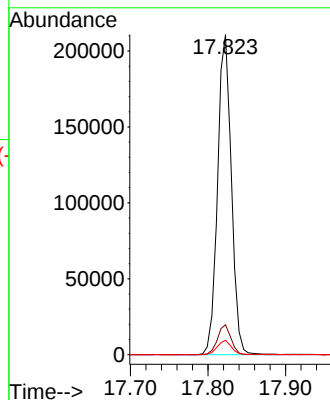
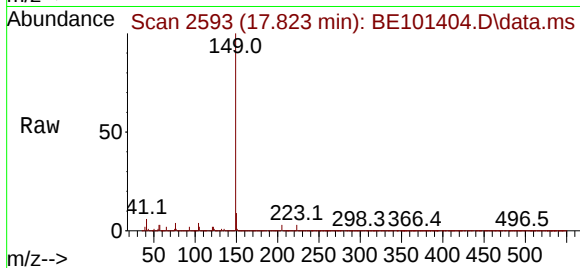
Tgt Ion:149 Resp: 259841

Ion Ratio Lower Upper

149 100

150 9.4 8.2 12.4

104 4.5 3.9 5.9



#75

Fluoranthene

Concen: 5.073 ng

RT: 18.956 min Scan# 2786

Delta R.T. -0.007 min

Lab File: BE101404.D

Acq: 29 Oct 2024 13:21

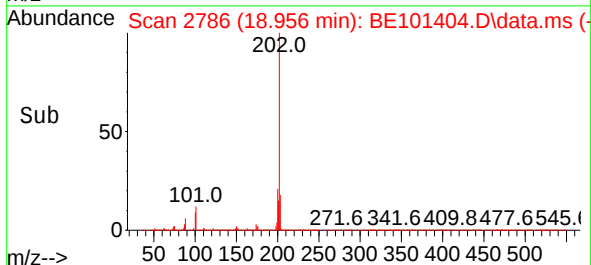
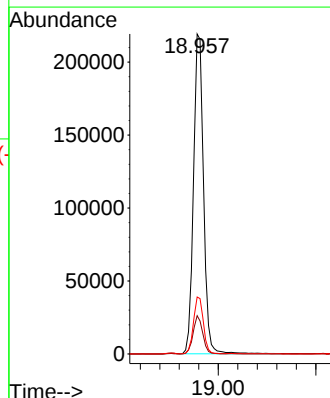
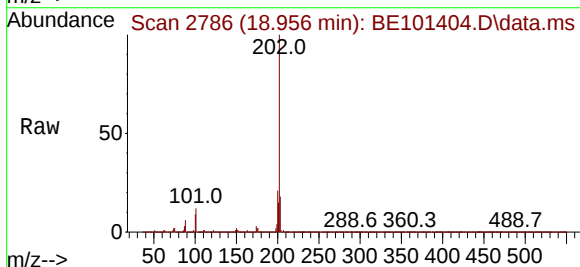
Tgt Ion:202 Resp: 314331

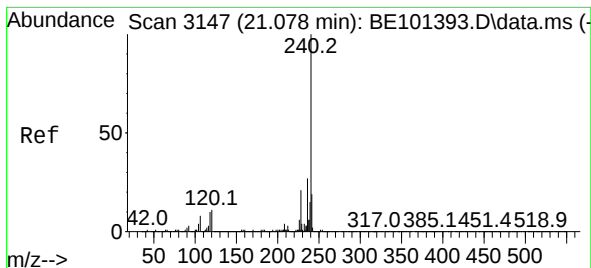
Ion Ratio Lower Upper

202 100

101 12.0 0.0 33.3

203 17.8 0.0 39.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.072 min Scan# 3146

Delta R.T. -0.007 min

Lab File: BE101404.D

Acq: 29 Oct 2024 13:21

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT4-2024

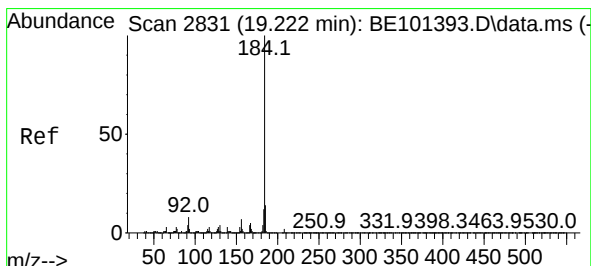
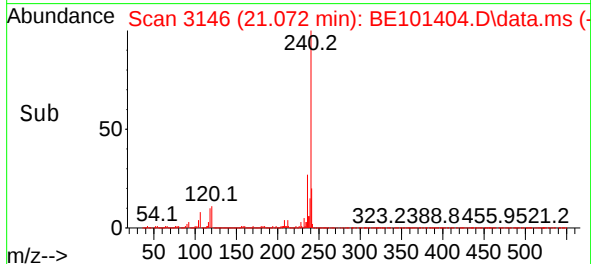
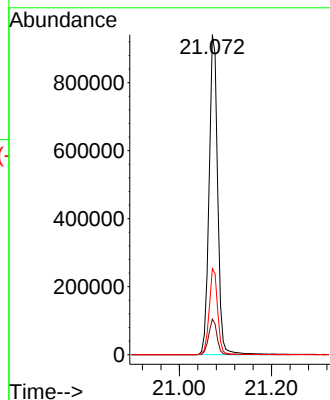
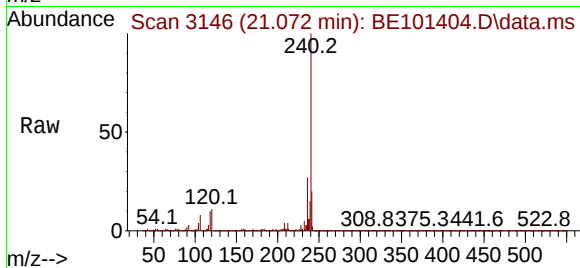
Tgt Ion:240 Resp: 1222788

Ion Ratio Lower Upper

240 100

120 11.1 9.0 13.4

236 26.9 21.4 32.0



#77

Benzidine

Concen: 5.581 ng

RT: 19.215 min Scan# 2830

Delta R.T. -0.007 min

Lab File: BE101404.D

Acq: 29 Oct 2024 13:21

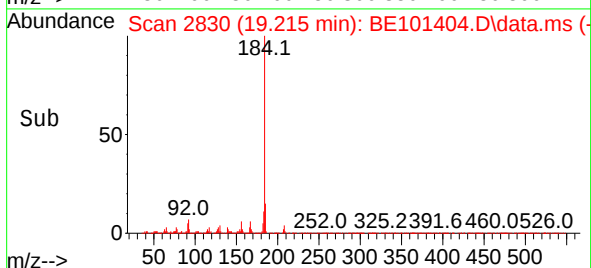
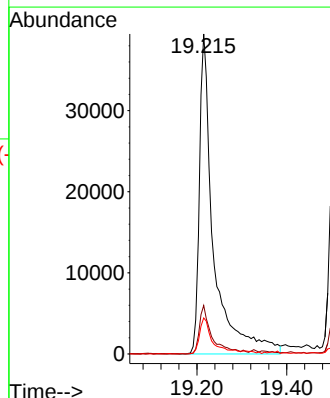
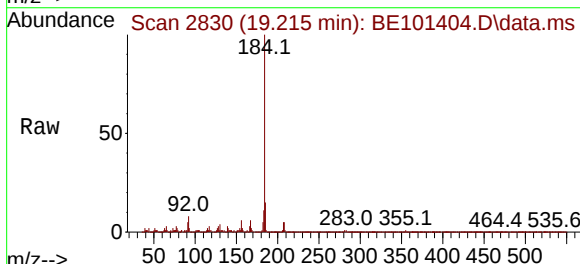
Tgt Ion:184 Resp: 86613

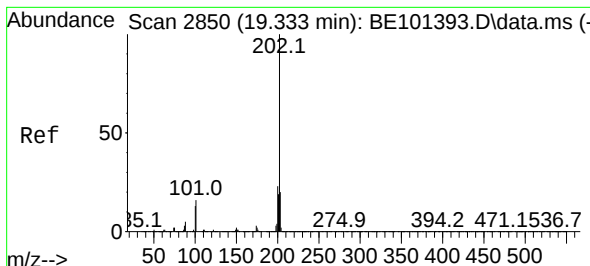
Ion Ratio Lower Upper

184 100

185 15.2 11.5 17.3

183 11.2 9.3 13.9





#78

Pyrene

Concen: 5.102 ng

RT: 19.327 min Scan# 2849

Delta R.T. -0.007 min

Lab File: BE101404.D

Acq: 29 Oct 2024 13:21

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT4-2024

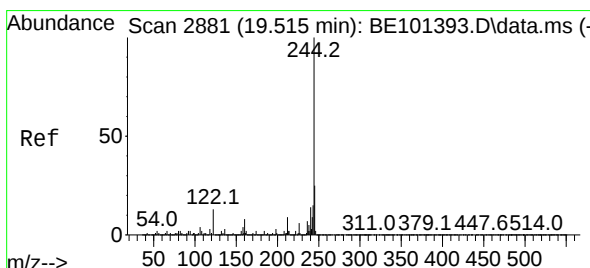
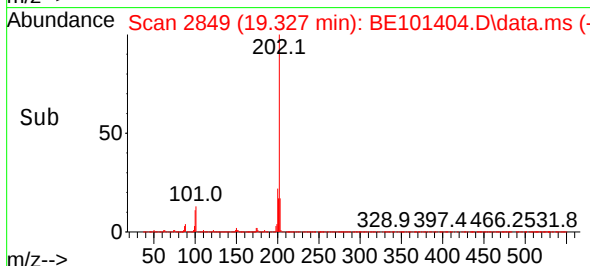
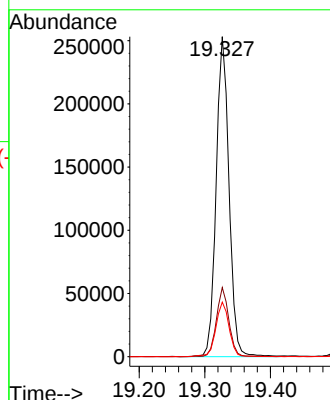
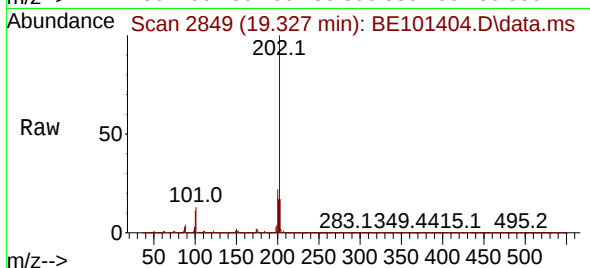
Tgt Ion:202 Resp: 343112

Ion Ratio Lower Upper

202 100

200 21.6 18.6 28.0

203 17.1 15.6 23.4



#79

Terphenyl-d14

Concen: 73.461 ng

RT: 19.509 min Scan# 2880

Delta R.T. -0.006 min

Lab File: BE101404.D

Acq: 29 Oct 2024 13:21

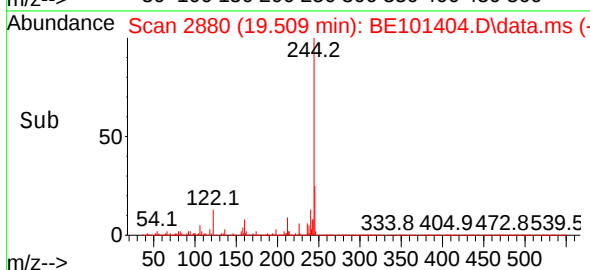
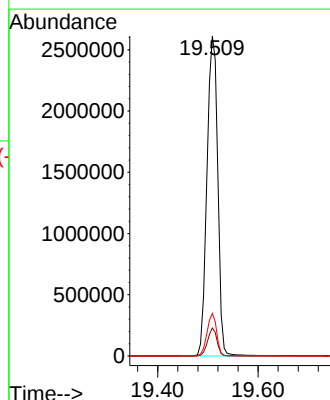
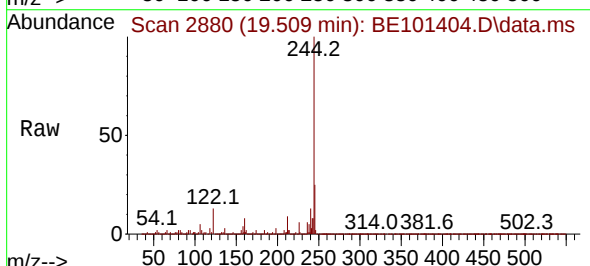
Tgt Ion:244 Resp: 3902876

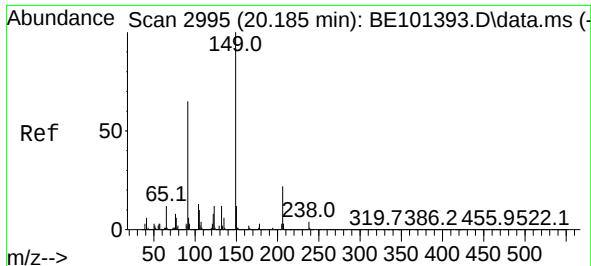
Ion Ratio Lower Upper

244 100

212 8.8 7.2 10.8

122 13.3 10.4 15.6

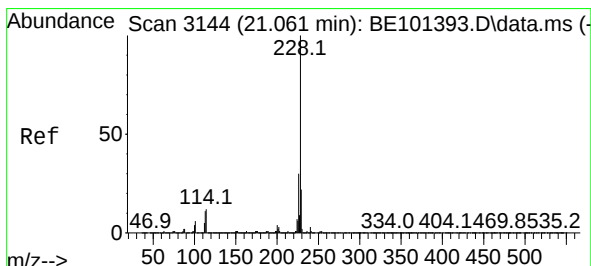
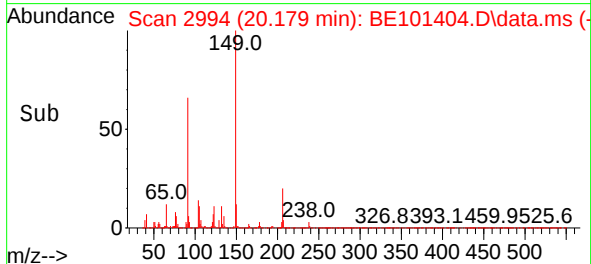
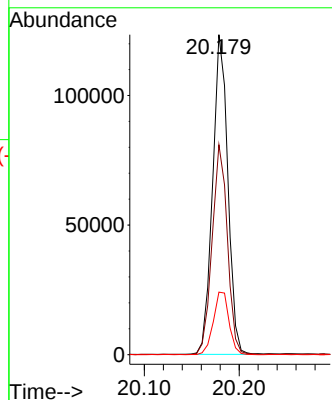
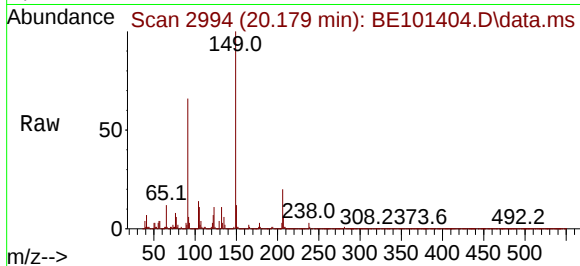




#80
Butylbenzylphthalate
Concen: 4.659 ng
RT: 20.179 min Scan# 2995
Delta R.T. -0.007 min
Lab File: BE101404.D
Acq: 29 Oct 2024 13:21

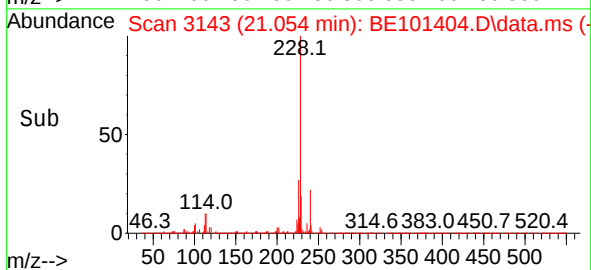
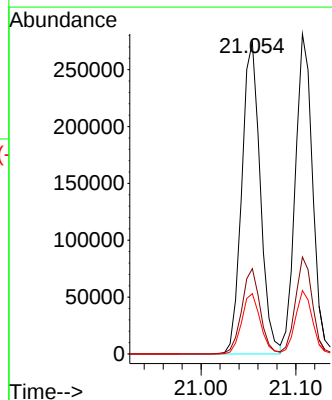
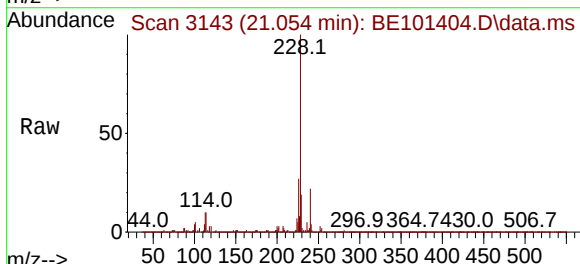
Instrument :
BNA_E
ClientSampleId :
LOQ-WATER-02-QT4-2024

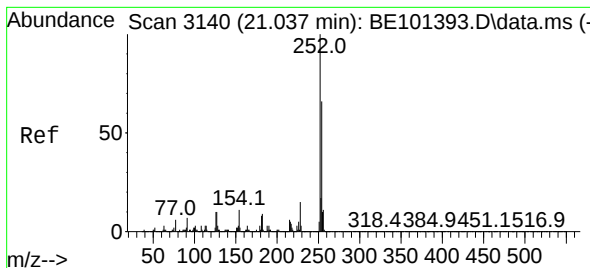
Tgt Ion:149 Resp: 137344
Ion Ratio Lower Upper
149 100
91 65.6 51.8 77.8
206 19.6 17.4 26.2



#81
Benzo(a)anthracene
Concen: 5.394 ng
RT: 21.054 min Scan# 3143
Delta R.T. -0.007 min
Lab File: BE101404.D
Acq: 29 Oct 2024 13:21

Tgt Ion:228 Resp: 370755
Ion Ratio Lower Upper
228 100
226 27.4 24.1 36.1
229 19.3 17.3 25.9





#82

3,3'-Dichlorobenzidine

Concen: 4.579 ng

RT: 21.031 min Scan# 3139

Delta R.T. -0.007 min

Lab File: BE101404.D

Acq: 29 Oct 2024 13:21

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT4-2024

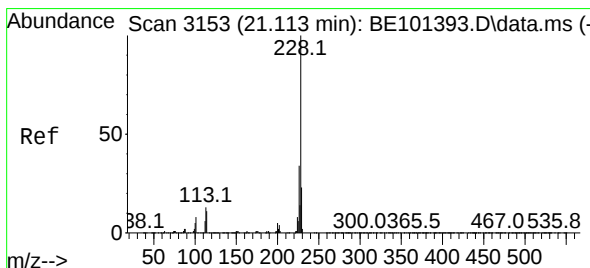
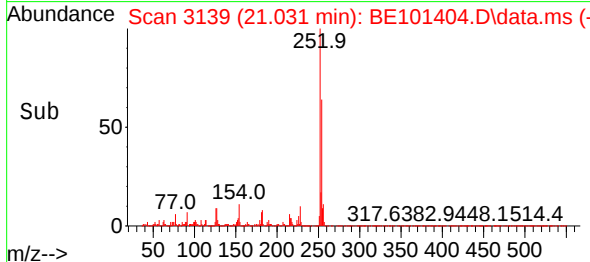
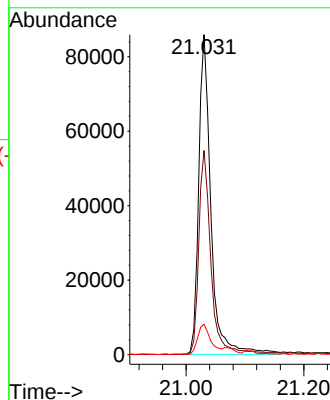
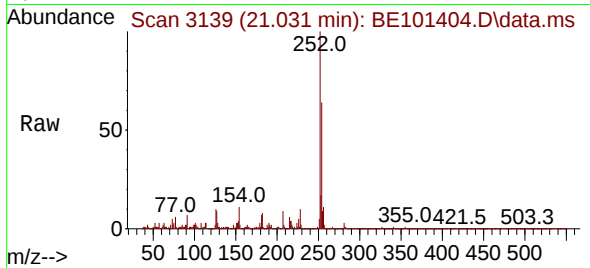
Tgt Ion:252 Resp: 123276

Ion Ratio Lower Upper

252 100

254 63.8 52.6 78.8

126 9.5 7.7 11.5



#83

Chrysene

Concen: 5.355 ng

RT: 21.107 min Scan# 3152

Delta R.T. -0.007 min

Lab File: BE101404.D

Acq: 29 Oct 2024 13:21

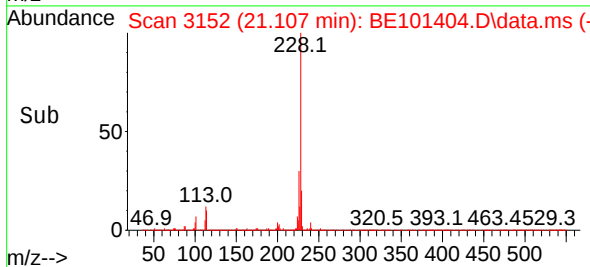
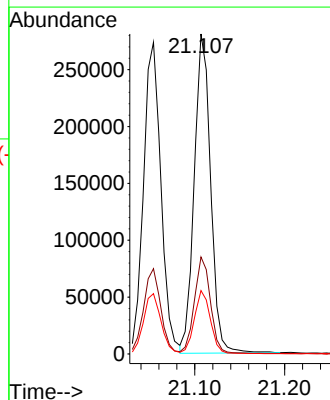
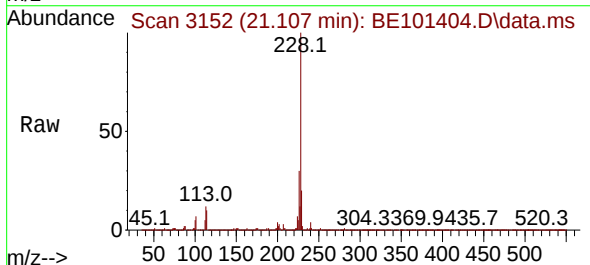
Tgt Ion:228 Resp: 355819

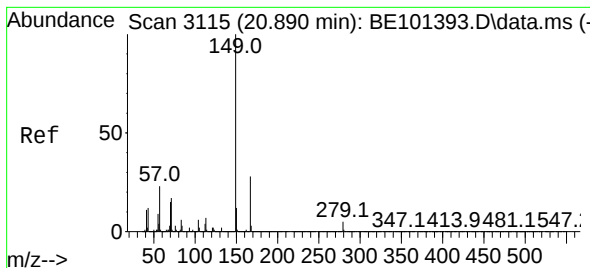
Ion Ratio Lower Upper

228 100

226 30.3 27.2 40.8

229 19.8 18.0 27.0





#84

Bis(2-ethylhexyl)phthalate

Concen: 4.593 ng

RT: 20.884 min Scan# 3114

Delta R.T. -0.007 min

Lab File: BE101404.D

Acq: 29 Oct 2024 13:21

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT4-2024

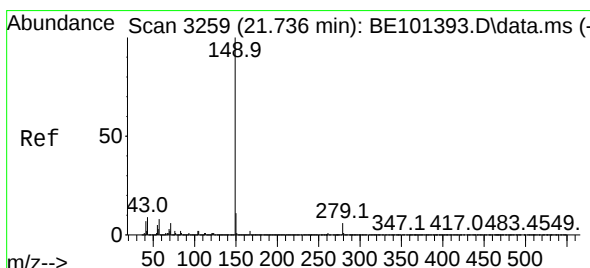
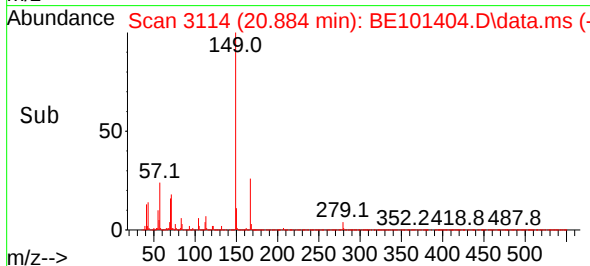
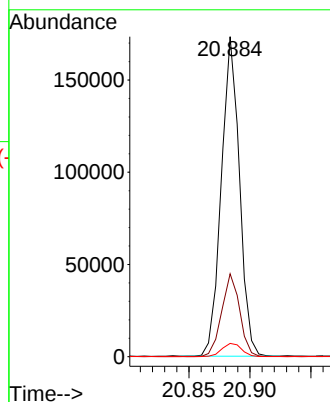
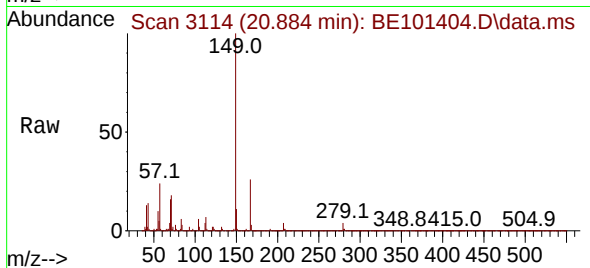
Tgt Ion:149 Resp: 179884

Ion Ratio Lower Upper

149 100

167 25.9 22.7 34.1

279 4.2 4.3 6.5#



#85

Di-n-octyl phthalate

Concen: 4.808 ng

RT: 21.730 min Scan# 3258

Delta R.T. -0.007 min

Lab File: BE101404.D

Acq: 29 Oct 2024 13:21

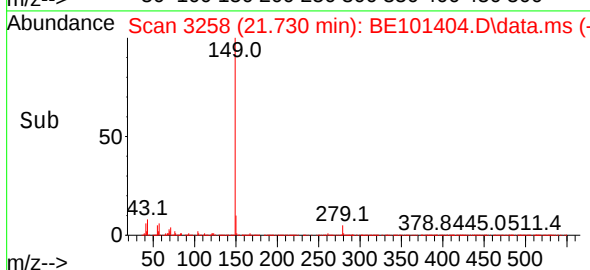
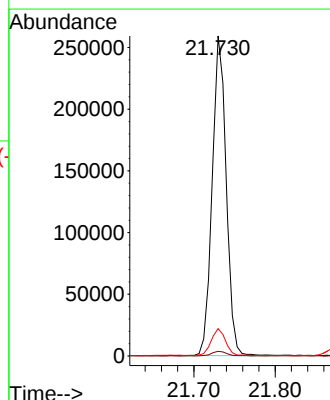
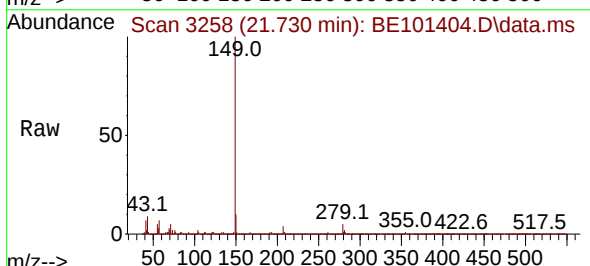
Tgt Ion:149 Resp: 309063

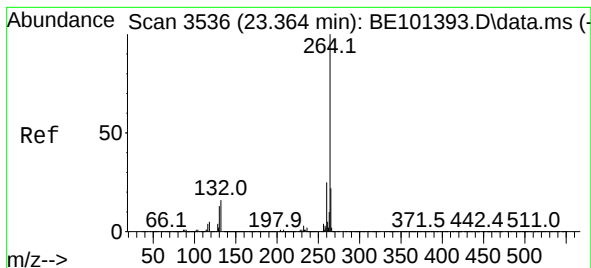
Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

43 8.6 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: BE101404.D

Acq: 29 Oct 2024 13:21

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT4-2024

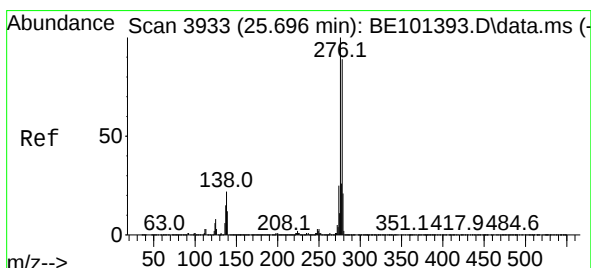
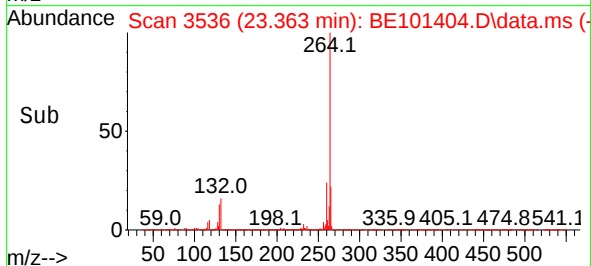
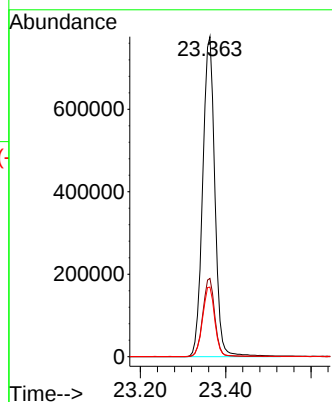
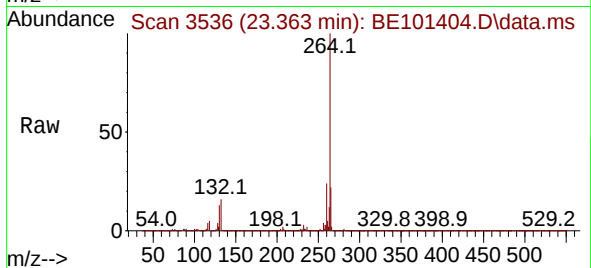
Tgt Ion:264 Resp: 1537565

Ion Ratio Lower Upper

264 100

260 24.5 19.8 29.8

265 21.7 17.6 26.4



#87

Indeno(1,2,3-cd)pyrene

Concen: 4.985 ng

RT: 25.666 min Scan# 3928

Delta R.T. -0.030 min

Lab File: BE101404.D

Acq: 29 Oct 2024 13:21

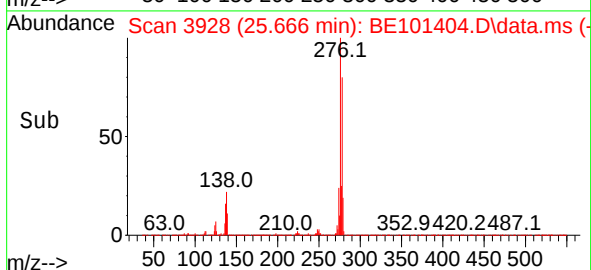
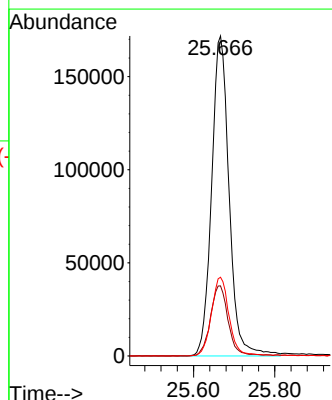
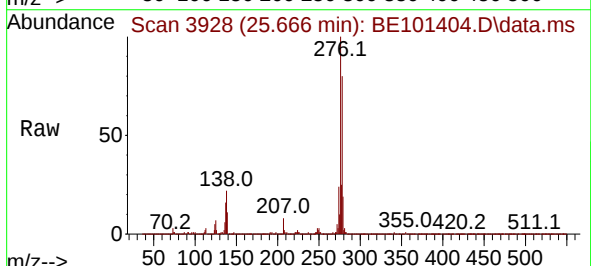
Tgt Ion:276 Resp: 512912

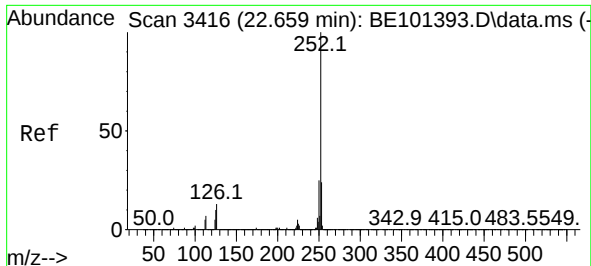
Ion Ratio Lower Upper

276 100

138 22.2 17.8 26.8

277 24.9 20.5 30.7

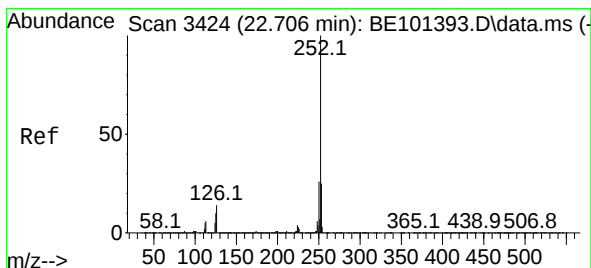
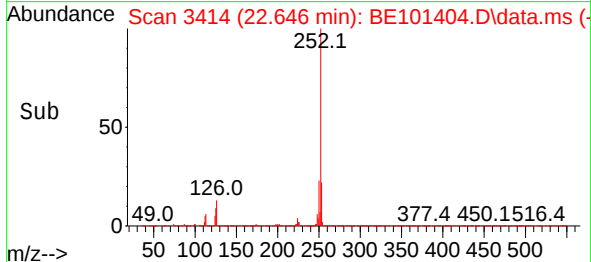
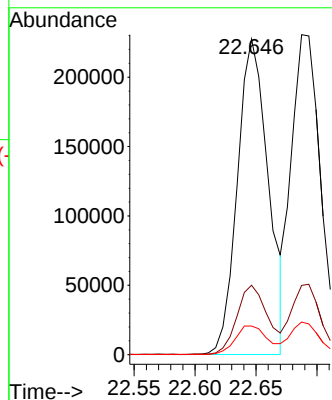
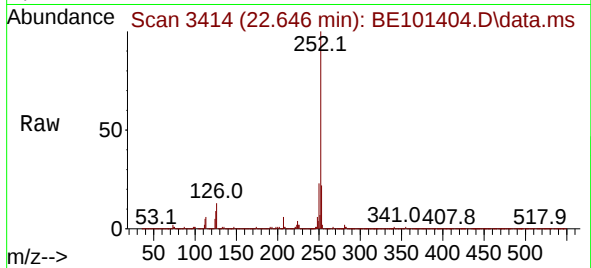




#88
Benzo(b)fluoranthene
Concen: 5.010 ng
RT: 22.646 min Scan# 3416
Delta R.T. -0.012 min
Lab File: BE101404.D
Acq: 29 Oct 2024 13:21

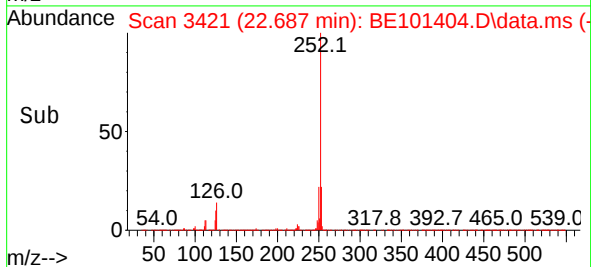
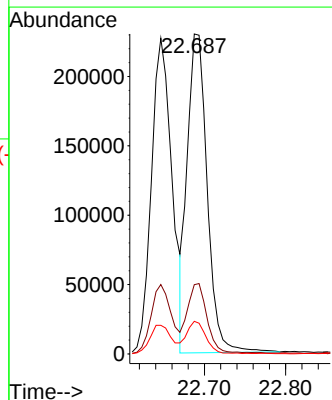
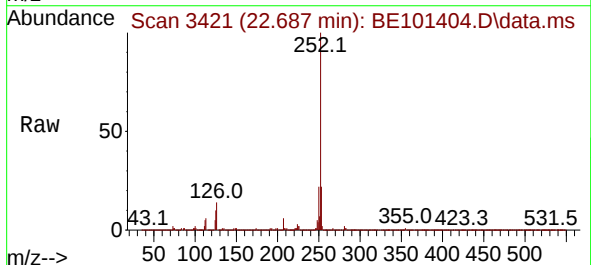
Instrument :
BNA_E
ClientSampleId :
LOQ-WATER-02-QT4-2024

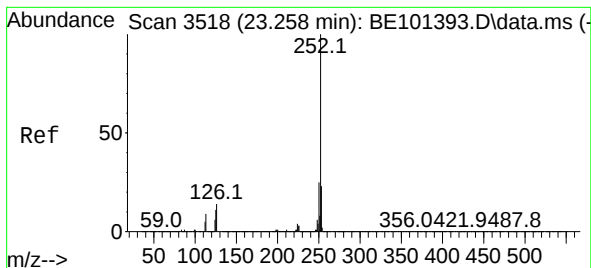
Tgt Ion:252 Resp: 401457
Ion Ratio Lower Upper
252 100
253 22.0 19.0 28.6
125 9.1 8.2 12.2



#89
Benzo(k)fluoranthene
Concen: 5.249 ng
RT: 22.687 min Scan# 3421
Delta R.T. -0.018 min
Lab File: BE101404.D
Acq: 29 Oct 2024 13:21

Tgt Ion:252 Resp: 392935
Ion Ratio Lower Upper
252 100
253 21.7 19.4 29.2
125 10.2 8.2 12.2





#90

Benzo(a)pyrene

Concen: 5.154 ng

RT: 23.246 min Scan# 3518

Delta R.T. -0.012 min

Lab File: BE101404.D

Acq: 29 Oct 2024 13:21

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT4-2024

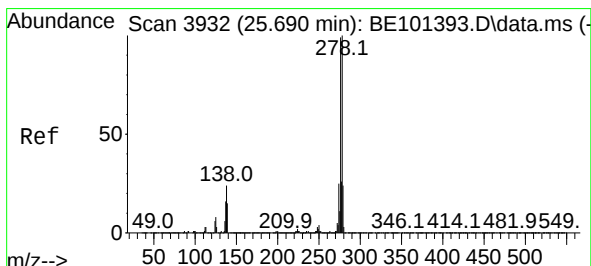
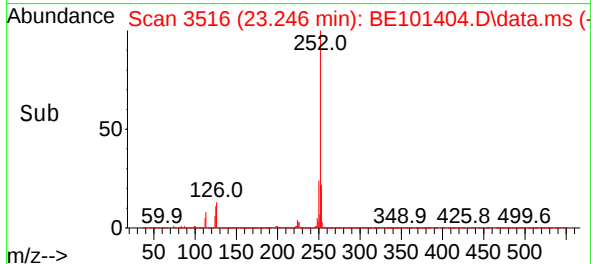
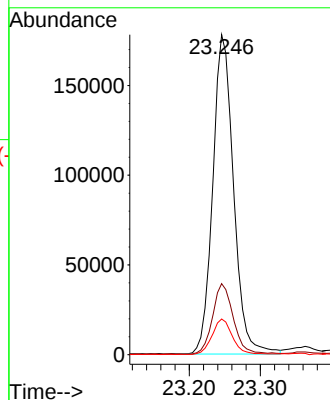
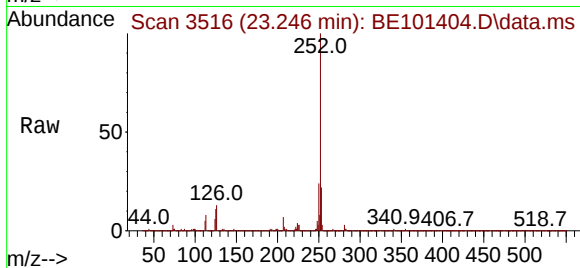
Tgt Ion:252 Resp: 361170

Ion Ratio Lower Upper

252 100

253 22.2 18.4 27.6

125 11.2 9.0 13.6



#91

Dibenzo(a,h)anthracene

Concen: 4.880 ng

RT: 25.660 min Scan# 3927

Delta R.T. -0.030 min

Lab File: BE101404.D

Acq: 29 Oct 2024 13:21

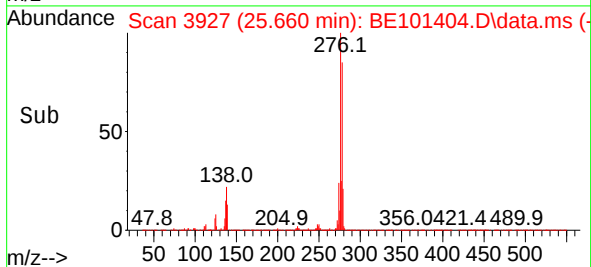
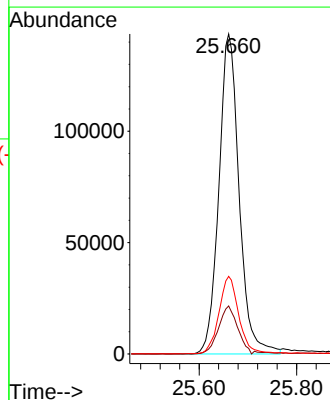
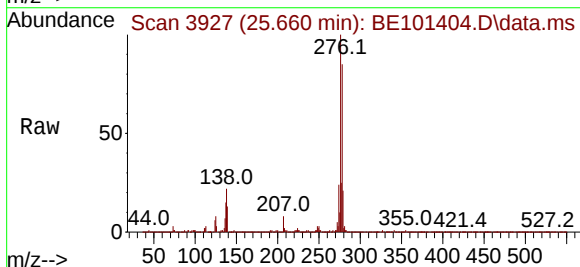
Tgt Ion:278 Resp: 414968

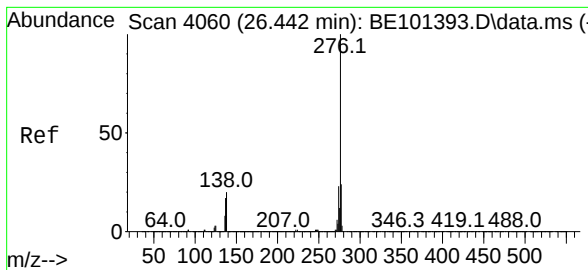
Ion Ratio Lower Upper

278 100

139 15.0 11.9 17.9

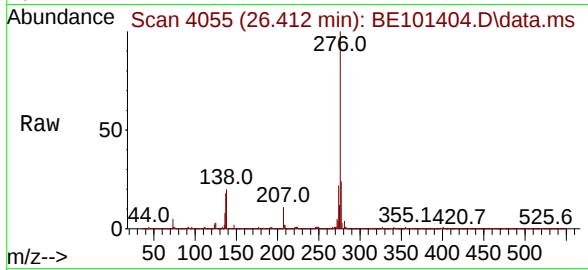
279 24.3 19.3 28.9





#92
 Benzo(g,h,i)perylene
 Concen: 4.542 ng
 RT: 26.412 min Scan# 4060
 Delta R.T. -0.030 min
 Lab File: BE101404.D
 Acq: 29 Oct 2024 13:21

Instrument : BNA_E
 ClientSampleId : LOQ-WATER-02-QT4-2024



Tgt Ion: 276 Resp: 397934

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.4	29.2
138	19.8	15.8	23.6

