

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE102924\
 Data File : BE101406.D
 Acq On : 29 Oct 2024 14:33
 Operator : RC/JU
 Sample : P4368-08
 Misc : LOQ-WATER-10 PPM
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Oct 29 15:19:22 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	126569	20.000	ng	0.00
21) Naphthalene-d8	10.338	136	612243	20.000	ng	0.00
39) Acenaphthene-d10	14.180	164	456923	20.000	ng	0.00
64) Phenanthrene-d10	16.912	188	1069244	20.000	ng	0.00
76) Chrysene-d12	21.072	240	1187153	20.000	ng	0.00
86) Perylene-d12	23.358	264	1494432	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.320	112	722648	100.069	ng	0.00
7) Phenol-d6	6.947	99	1004741	100.340	ng	0.00
23) Nitrobenzene-d5	8.781	82	713716	73.219	ng	0.00
42) 2,4,6-Tribromophenol	15.684	330	857692	107.099	ng	0.00
45) 2-Fluorobiphenyl	12.805	172	2004760	74.304	ng	0.00
79) Terphenyl-d14	19.509	244	3611396	70.015	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.222	88	24310	9.026	ng	98
3) Pyridine	3.751	79	50209	6.589	ng	# 91
4) n-Nitrosodimethylamine	3.610	42	22374	7.589	ng	# 85
6) Aniline	7.018	93	96492	12.574	ng	99
8) 2-Chlorophenol	7.212	128	76587	8.842	ng	97
9) Benzaldehyde	6.789	77	56879	11.767	ng	99
10) Phenol	6.971	94	82718	7.613	ng	95
11) bis(2-Chloroethyl)ether	7.018	93	96492	10.826	ng	# 31
12) 1,3-Dichlorobenzene	7.459	146	80103	8.577	ng	100
13) 1,4-Dichlorobenzene	7.605	146	81965	8.594	ng	98
14) 1,2-Dichlorobenzene	7.934	146	80950	8.671	ng	99
15) Benzyl Alcohol	7.917	79	54626	9.152	ng	90
16) 2,2'-oxybis(1-Chloropr...	8.070	45	104969	9.359	ng	98
17) 2-Methylphenol	8.152	107	59351	8.071	ng	98
18) Hexachloroethane	8.628	117	25790	8.280	ng	97
19) n-Nitroso-di-n-propyla...	8.375	70	59304	8.925	ng	# 97
20) 3+4-Methylphenols	8.487	107	81463	8.026	ng	95
22) Acetophenone	8.422	105	121667	8.752	ng	# 98
24) Nitrobenzene	8.822	77	88463	8.527	ng	100
25) Isophorone	9.274	82	170640	8.971	ng	99
26) 2-Nitrophenol	9.509	139	41059	8.188	ng	97
27) 2,4-Dimethylphenol	9.627	122	45257	7.172	ng	97
28) bis(2-Chloroethoxy)met...	9.779	93	102171	8.857	ng	98
29) 2,4-Dichlorophenol	10.056	162	72800	8.340	ng	98
30) 1,2,4-Trichlorobenzene	10.185	180	79632	8.374	ng	98
31) Naphthalene	10.385	128	269998	8.654	ng	99
32) Benzoic acid	9.820	122	18971	10.638	ng	96
33) 4-Chloroaniline	10.614	127	105691	9.742	ng	98
34) Hexachlorobutadiene	10.637	225	46164	8.201	ng	99
35) Caprolactam	11.383	113	25754	7.697	ng	91
36) 4-Chloro-3-methylphenol	11.783	107	82916	8.342	ng	98
37) 2-Methylnaphthalene	11.977	142	195422	8.694	ng	98
38) 1-Methylnaphthalene	12.200	142	186338	8.306	ng	99
40) 1,2,4,5-Tetrachloroben...	12.335	216	98102	8.553	ng	100
41) Hexachlorocyclopentadiene	12.318	237	27891	7.363	ng	93
43) 2,4,6-Trichlorophenol	12.652	196	64678	8.179	ng	98

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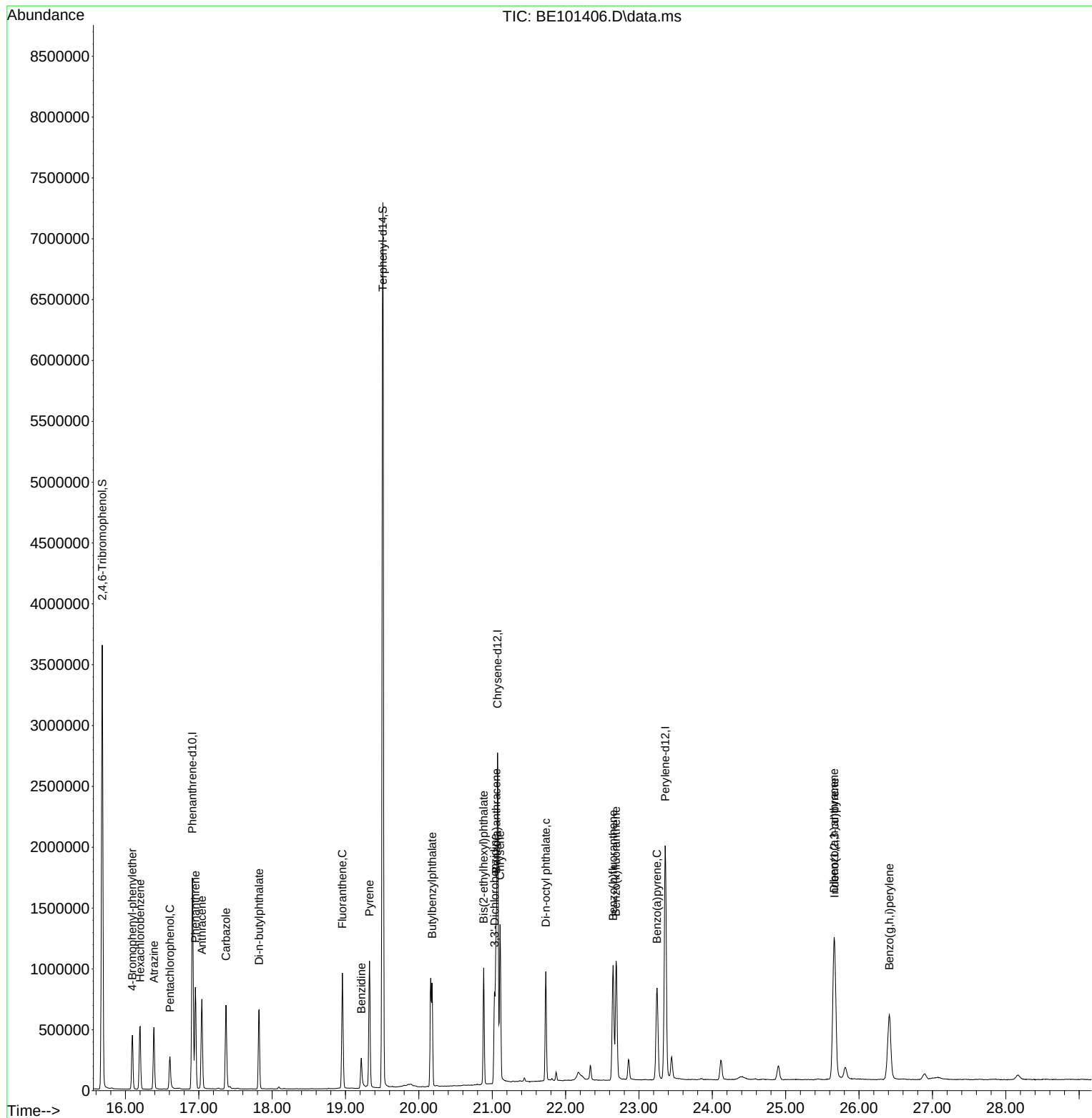
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.752	196	70972	7.838	ng	99
46) 1,1'-Biphenyl	13.005	154	282133	9.013	ng	98
47) 2-Chloronaphthalene	13.052	162	209649	8.477	ng	99
48) 2-Nitroaniline	13.381	65	51364	7.717	ng	95
49) Acenaphthylene	13.910	152	347513	9.501	ng	99
50) Dimethylphthalate	13.681	163	288905	8.958	ng	99
51) 2,6-Dinitrotoluene	13.816	165	59701	8.018	ng	99
52) Acenaphthene	14.239	154	206491	8.646	ng	97
53) 3-Nitroaniline	14.227	138	62930	8.499	ng	98
54) 2,4-Dinitrophenol	14.362	184	22250	9.527	ng	92
55) Dibenzofuran	14.580	168	346056	9.091	ng	99
56) 4-Nitrophenol	14.644	139	47578	7.017	ng	98
57) 2,4-Dinitrotoluene	14.603	165	78768	7.683	ng	96
58) Fluorene	15.220	166	281372	8.836	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.850	232	72547	8.671	ng	99
60) Diethylphthalate	15.009	149	296367	8.785	ng	99
61) 4-Chlorophenyl-phenyle...	15.208	204	137587	8.707	ng	99
62) 4-Nitroaniline	15.408	138	64159	7.787	ng	98
63) Azobenzene	15.502	77	257254	8.871	ng	97
65) 4,6-Dinitro-2-methylph...	15.343	198	38805	6.176	ng	97
66) n-Nitrosodiphenylamine	15.455	169	251796	8.880	ng	99
67) 4-Bromophenyl-phenylether	16.095	248	94040	8.361	ng	97
68) Hexachlorobenzene	16.201	284	121912	8.269	ng	96
69) Atrazine	16.389	200	89855	10.336	ng	98
70) Pentachlorophenol	16.607	266	59125	6.967	ng	98
71) Phenanthrene	16.953	178	476291	9.304	ng	97
72) Anthracene	17.041	178	455592	9.114	ng	98
73) Carbazole	17.370	167	446834	8.736	ng	98
74) Di-n-butylphthalate	17.823	149	501706	8.910	ng	97
75) Fluoranthene	18.957	202	562713	9.050	ng	97
77) Benzidine	19.215	184	192116	12.751	ng	100
78) Pyrene	19.327	202	612759	9.386	ng	95
80) Butylbenzylphthalate	20.179	149	251505	8.788	ng	98
81) Benzo(a)anthracene	21.054	228	661478	9.913	ng	95
82) 3,3'-Dichlorobenzidine	21.031	252	234164	8.959	ng	99
83) Chrysene	21.107	228	635316	9.848	ng	93
84) Bis(2-ethylhexyl)phtha...	20.884	149	330739	8.699	ng	96
85) Di-n-octyl phthalate	21.730	149	576384	9.237	ng	100
87) Indeno(1,2,3-cd)pyrene	25.667	276	911697	9.116	ng	99
88) Benzo(b)fluoranthene	22.647	252	710793	9.127	ng	98
89) Benzo(k)fluoranthene	22.688	252	691089	9.498	ng	97
90) Benzo(a)pyrene	23.246	252	641003	9.411	ng	98
91) Dibenzo(a,h)anthracene	25.661	278	754403	9.129	ng	98
92) Benzo(g,h,i)perylene	26.413	276	694814	8.160	ng	98

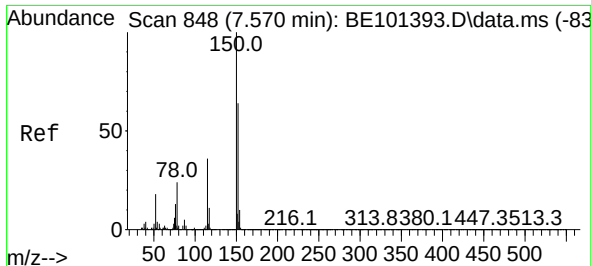
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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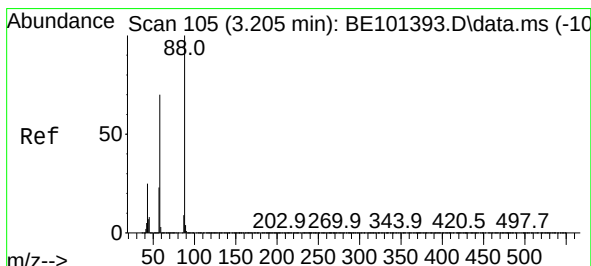
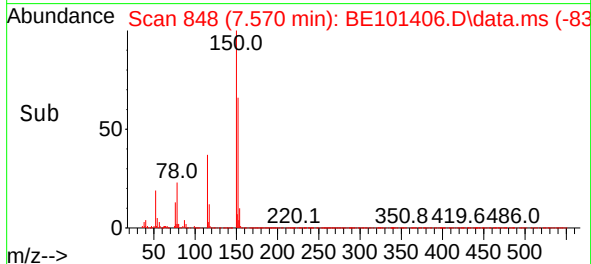
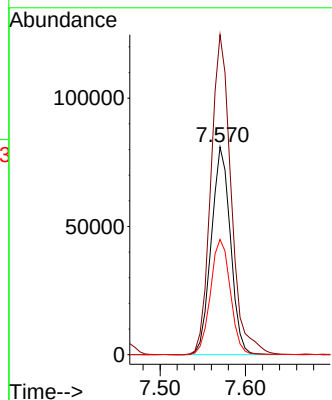
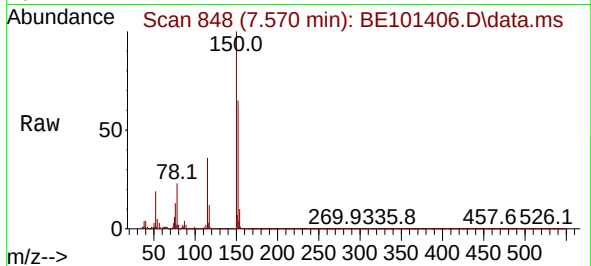




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.570 min Scan# 848
Delta R.T. 0.000 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33

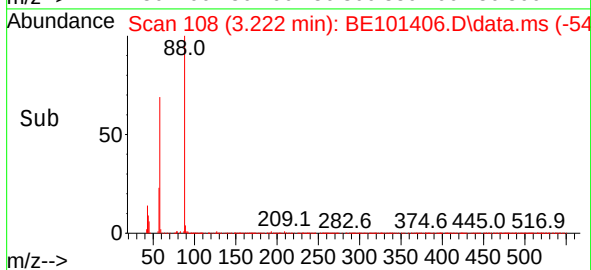
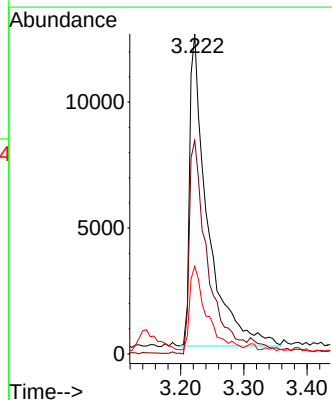
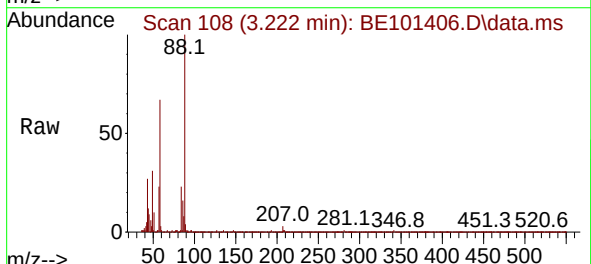
Instrument :
BNA_E
ClientSampleId :
LOQ-WATER-02-QT4-2024

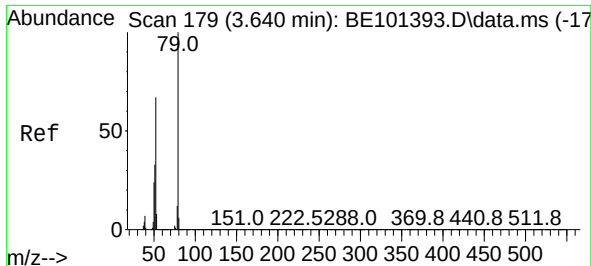
Tgt Ion:152 Resp: 126569
Ion Ratio Lower Upper
152 100
150 154.1 124.2 186.4
115 55.5 45.3 67.9



#2
1,4-Dioxane
Concen: 9.026 ng
RT: 3.222 min Scan# 108
Delta R.T. 0.017 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33

Tgt Ion: 88 Resp: 24310
Ion Ratio Lower Upper
88 100
58 68.8 56.5 84.7
43 25.6 19.8 29.8





#3

Pyridine

Concen: 6.589 ng

RT: 3.751 min Scan# 1

Delta R.T. 0.111 min

Lab File: BE101406.D

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Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT4-2024

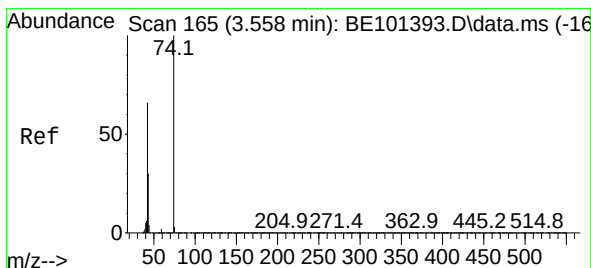
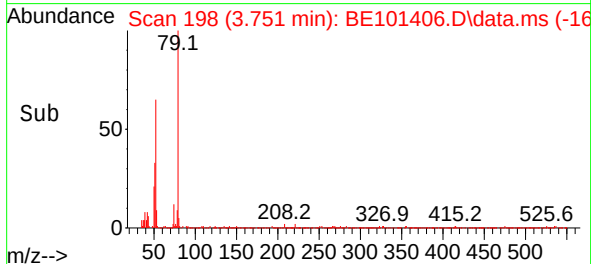
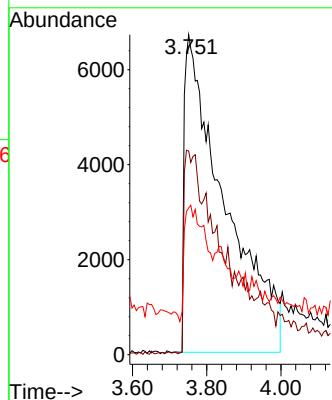
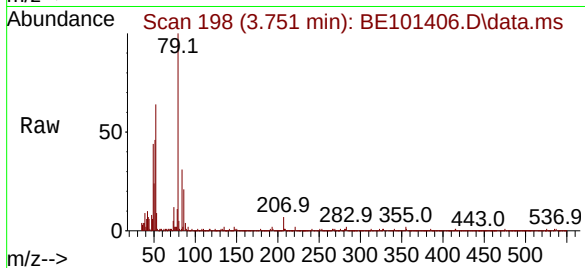
Tgt Ion: 79 Resp: 50209

Ion Ratio Lower Upper

79 100

52 63.6 53.3 79.9

51 45.9 27.3 40.9#



#4

n-Nitrosodimethylamine

Concen: 7.589 ng

RT: 3.610 min Scan# 174

Delta R.T. 0.053 min

Lab File: BE101406.D

Acq: 29 Oct 2024 14:33

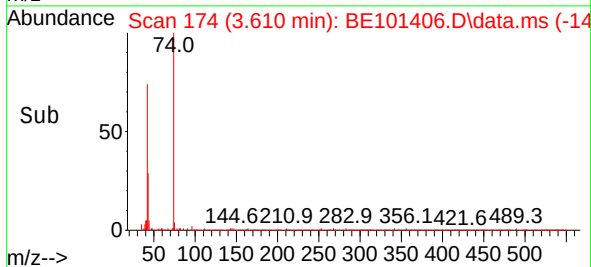
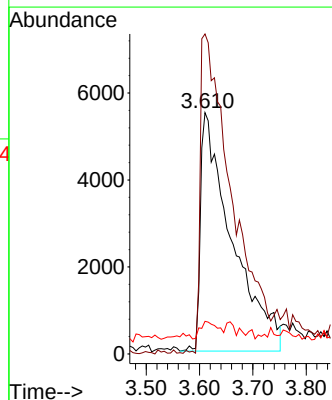
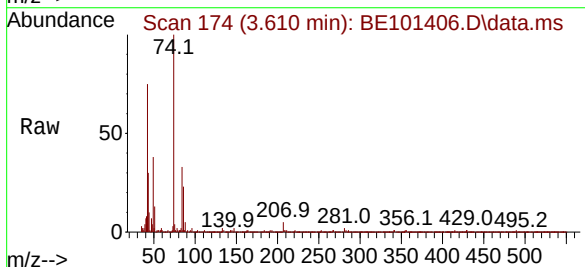
Tgt Ion: 42 Resp: 22374

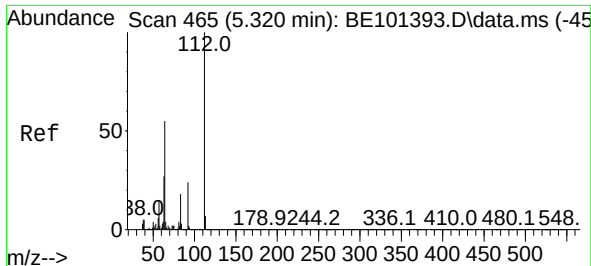
Ion Ratio Lower Upper

42 100

74 132.6 121.4 182.0

44 13.5 5.6 8.4#





#5

2-Fluorophenol

Concen: 100.069 ng

RT: 5.320 min Scan# 4

Delta R.T. -0.000 min

Lab File: BE101406.D

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Instrument :

BNA_E

ClientSampleId :

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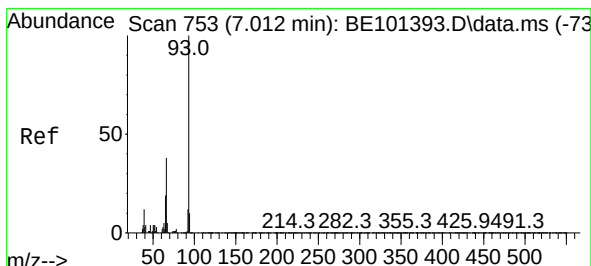
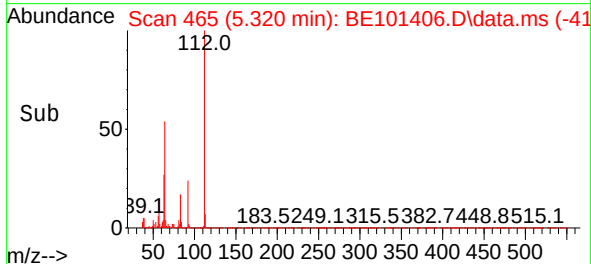
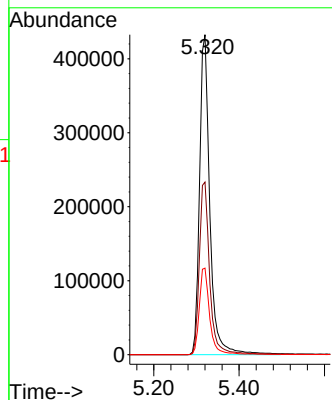
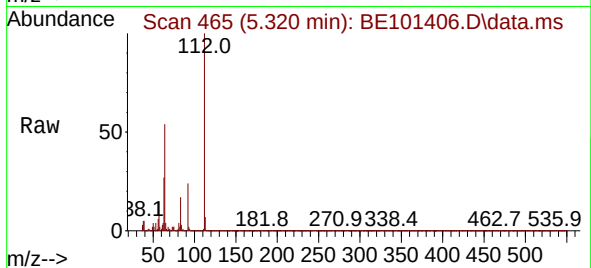
Tgt Ion:112 Resp: 722648

Ion Ratio Lower Upper

112 100

64 53.9 43.7 65.5

63 27.0 21.4 32.2



#6

Aniline

Concen: 12.574 ng

RT: 7.018 min Scan# 754

Delta R.T. 0.006 min

Lab File: BE101406.D

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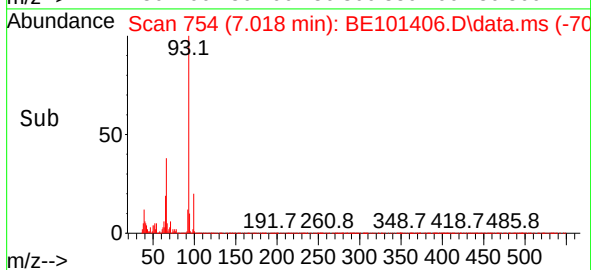
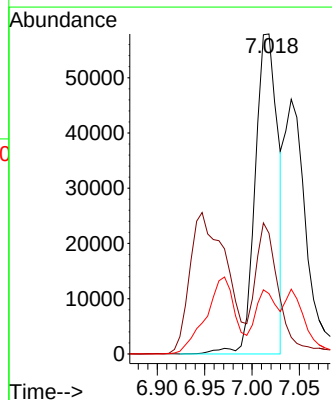
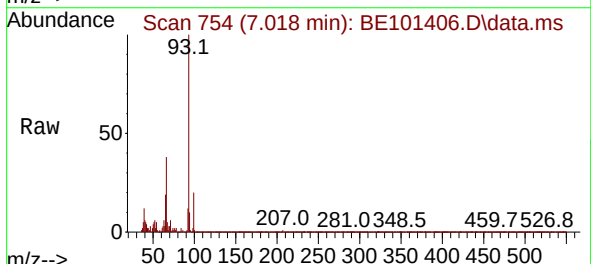
Tgt Ion: 93 Resp: 96492

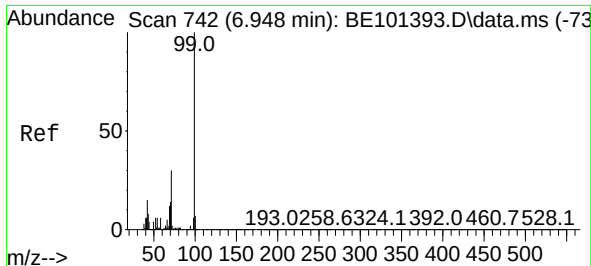
Ion Ratio Lower Upper

93 100

66 37.7 31.0 46.4

65 18.8 15.5 23.3

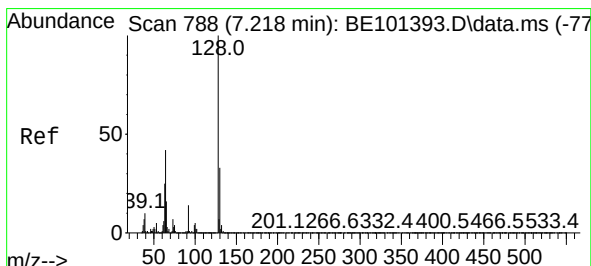
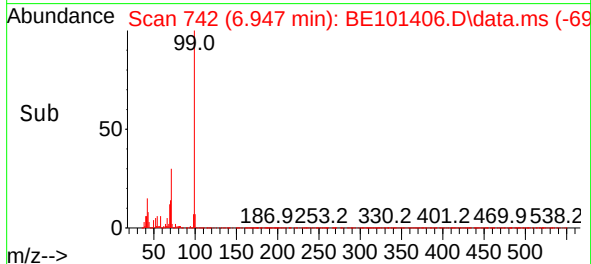
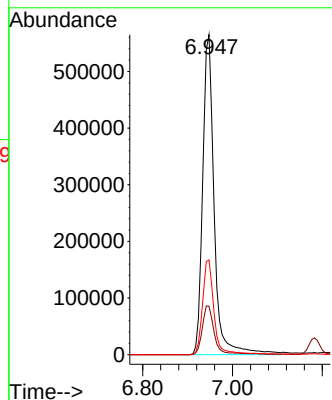
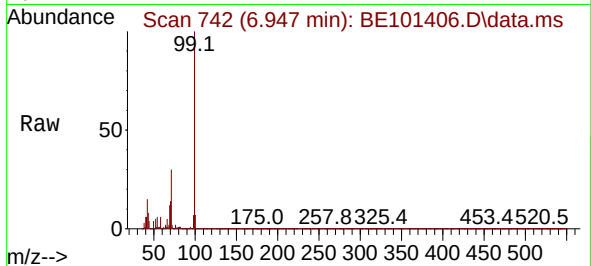




#7
Phenol-d6
Concen: 100.340 ng
RT: 6.947 min Scan# 741
Delta R.T. -0.000 min
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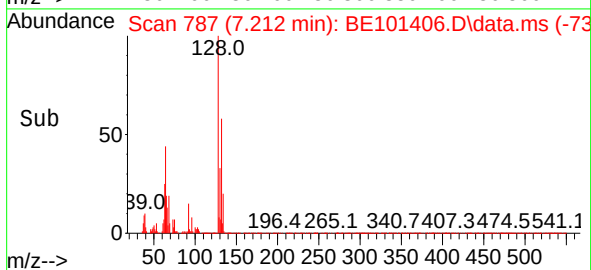
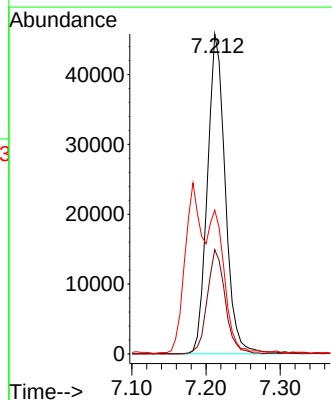
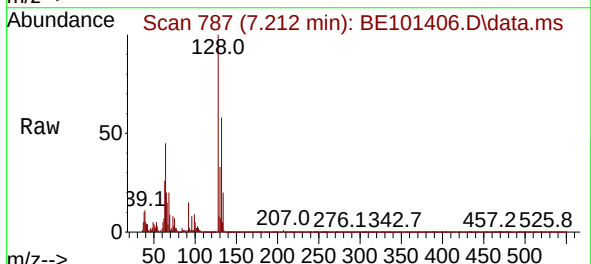
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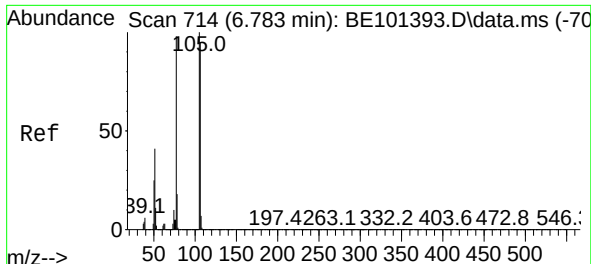
Tgt Ion: 99 Resp: 1004741
Ion Ratio Lower Upper
99 100
42 15.1 12.3 18.5
71 29.6 23.8 35.8



#8
2-Chlorophenol
Concen: 8.842 ng
RT: 7.212 min Scan# 787
Delta R.T. -0.006 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33

Tgt Ion: 128 Resp: 76587
Ion Ratio Lower Upper
128 100
130 32.6 12.9 52.9
64 44.9 22.3 62.3

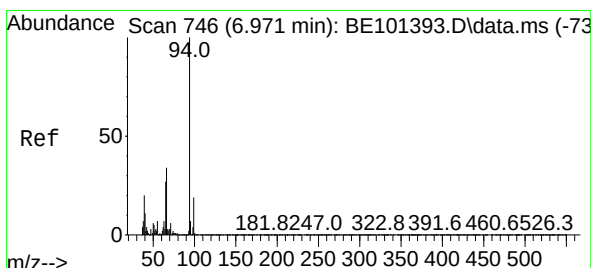
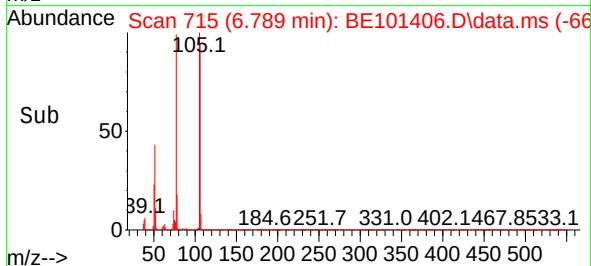
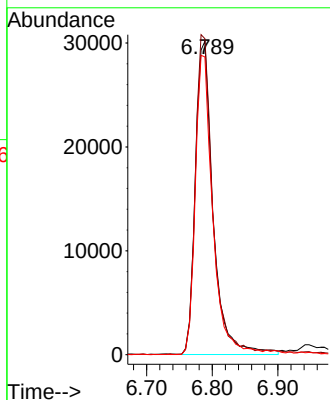
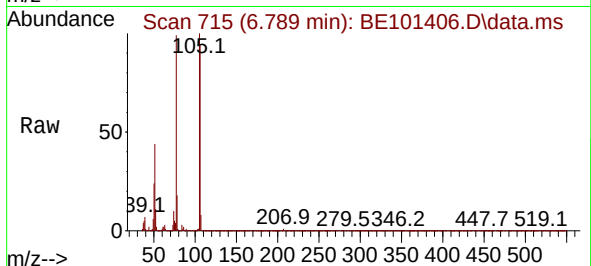




#9
Benzaldehyde
Concen: 11.767 ng
RT: 6.789 min Scan# 715
Delta R.T. 0.006 min
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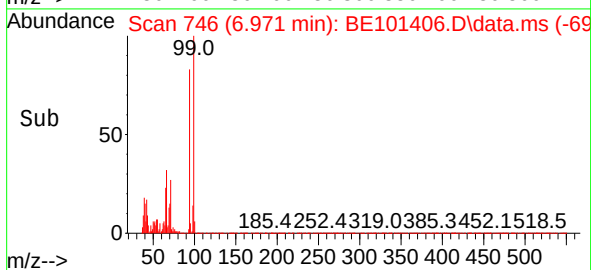
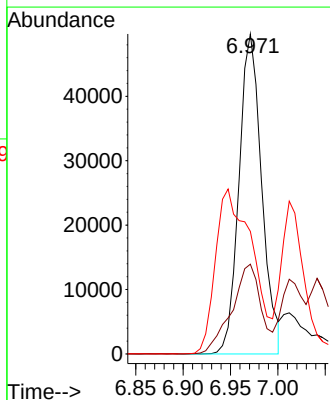
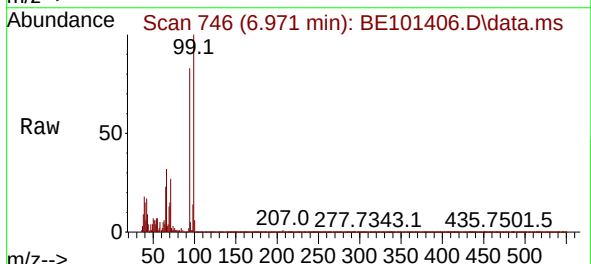
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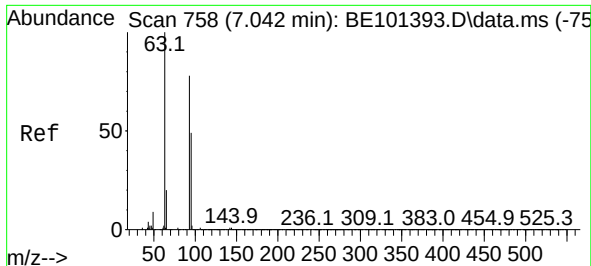
Tgt Ion: 77 Resp: 56879
Ion Ratio Lower Upper
77 100
105 100.8 81.9 121.9
106 95.0 76.5 116.5



#10
Phenol
Concen: 7.613 ng
RT: 6.971 min Scan# 746
Delta R.T. -0.000 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33

Tgt Ion: 94 Resp: 82718
Ion Ratio Lower Upper
94 100
65 28.1 6.8 46.8
66 38.3 14.0 54.0





#11

bis(2-Chloroethyl)ether

Concen: 10.826 ng

RT: 7.018 min Scan# 7

Delta R.T. -0.024 min

Lab File: BE101406.D

Acq: 29 Oct 2024 14:33

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT4-2024

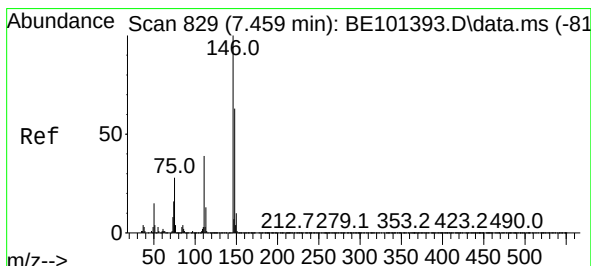
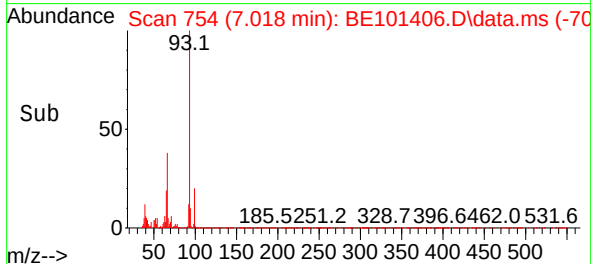
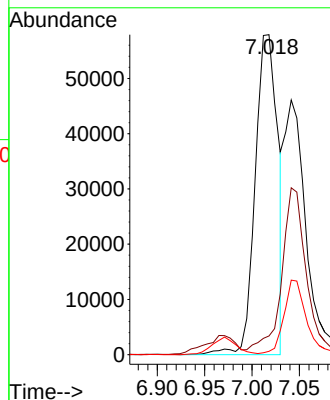
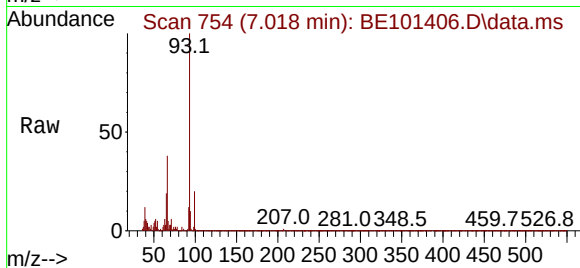
Tgt Ion: 93 Resp: 96492

Ion Ratio Lower Upper

93 100

63 5.9 46.3 86.3#

95 1.0 9.6 49.6#



#12

1,3-Dichlorobenzene

Concen: 8.577 ng

RT: 7.459 min Scan# 829

Delta R.T. -0.000 min

Lab File: BE101406.D

Acq: 29 Oct 2024 14:33

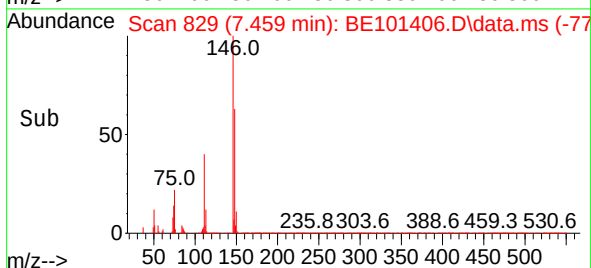
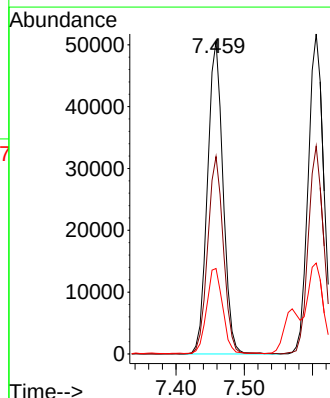
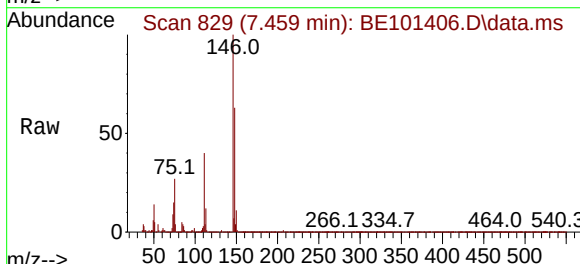
Tgt Ion:146 Resp: 80103

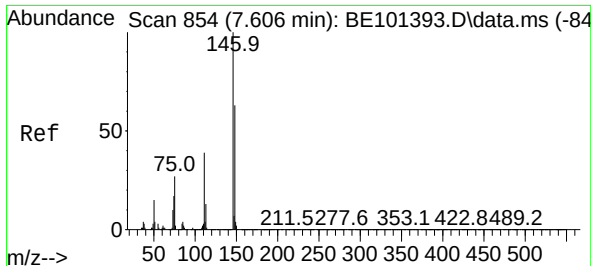
Ion Ratio Lower Upper

146 100

148 63.1 50.5 75.7

75 27.3 22.0 33.0





#13

1,4-Dichlorobenzene

Concen: 8.594 ng

RT: 7.605 min Scan# 854

Delta R.T. -0.000 min

Lab File: BE101406.D

Acq: 29 Oct 2024 14:33

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT4-2024

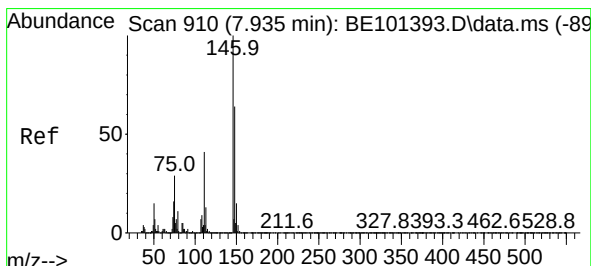
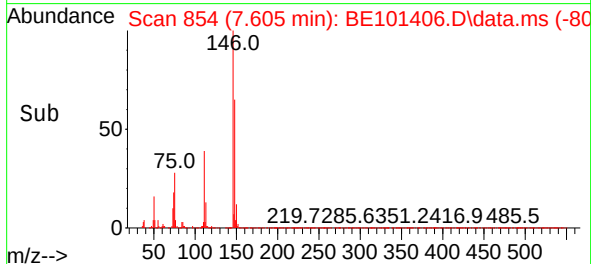
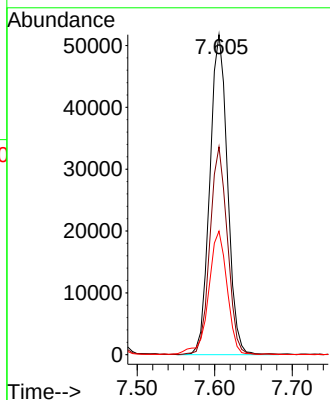
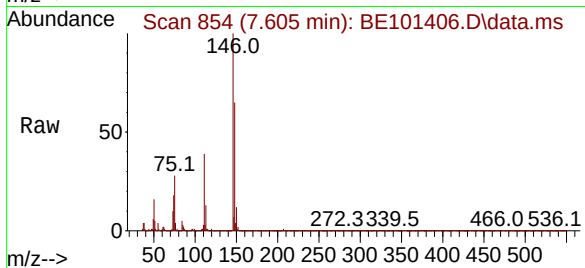
Tgt Ion:146 Resp: 81965

Ion Ratio Lower Upper

146 100

148 65.0 50.2 75.2

111 38.6 31.6 47.4



#14

1,2-Dichlorobenzene

Concen: 8.671 ng

RT: 7.934 min Scan# 910

Delta R.T. -0.000 min

Lab File: BE101406.D

Acq: 29 Oct 2024 14:33

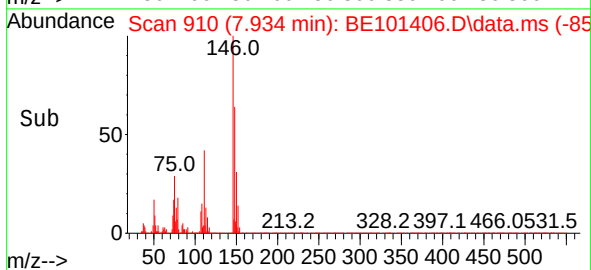
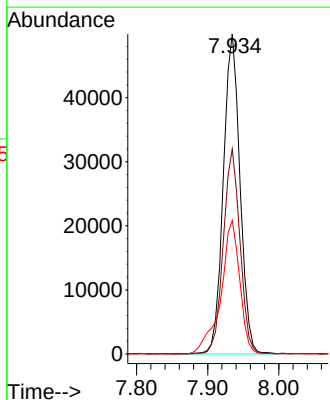
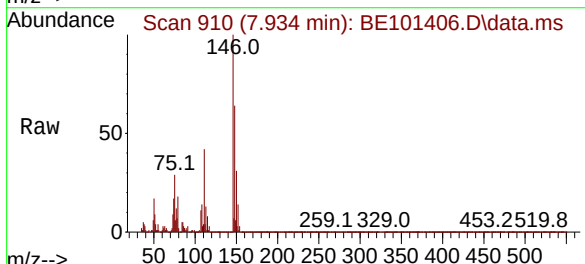
Tgt Ion:146 Resp: 80950

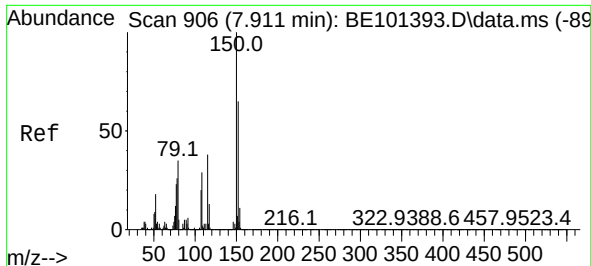
Ion Ratio Lower Upper

146 100

148 64.1 51.4 77.2

111 41.7 32.8 49.2

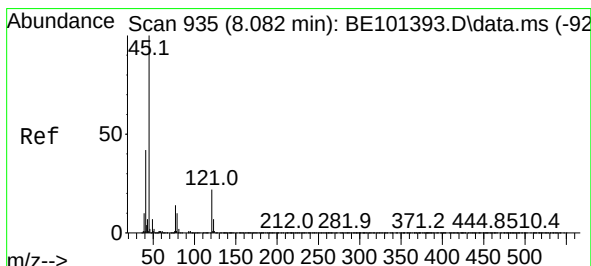
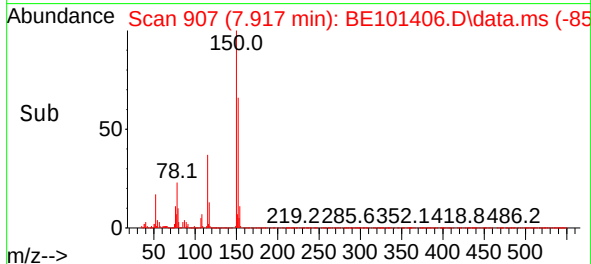
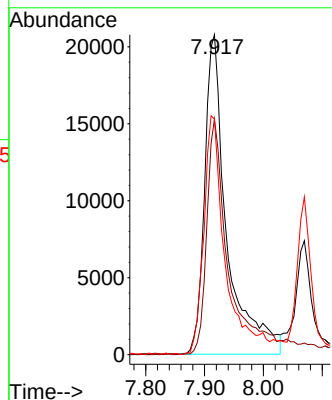
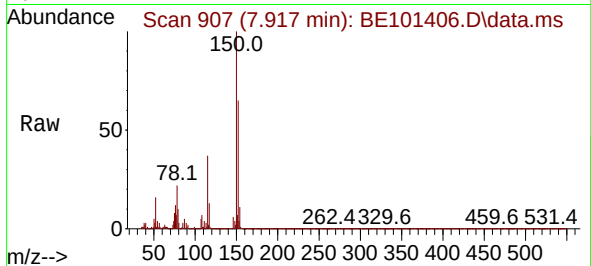




#15
Benzyl Alcohol
Concen: 9.152 ng
RT: 7.917 min Scan# 906
Delta R.T. 0.006 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33

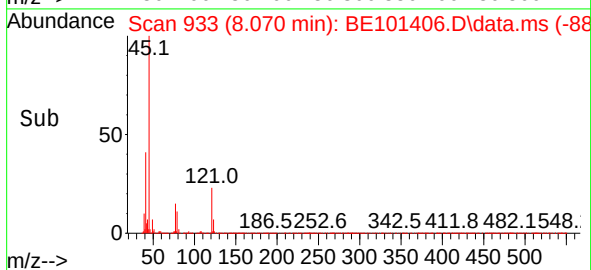
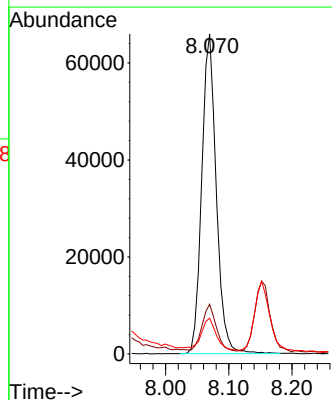
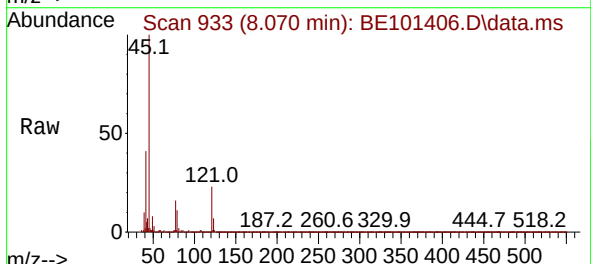
Instrument :
BNA_E
ClientSampleId :
LOQ-WATER-02-QT4-2024

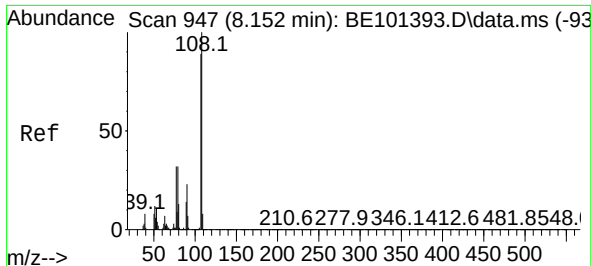
Tgt Ion: 79 Resp: 54626
Ion Ratio Lower Upper
79 100
108 73.7 66.1 99.1
77 73.6 53.1 79.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.359 ng
RT: 8.070 min Scan# 933
Delta R.T. -0.012 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33

Tgt Ion: 45 Resp: 104969
Ion Ratio Lower Upper
45 100
77 15.5 0.0 34.5
79 11.2 0.0 31.8





#17

2-Methylphenol

Concen: 8.071 ng

RT: 8.152 min Scan# 947

Delta R.T. -0.000 min

Lab File: BE101406.D

Acq: 29 Oct 2024 14:33

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion:107 Resp: 59351

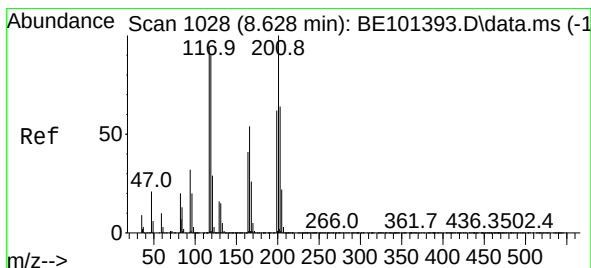
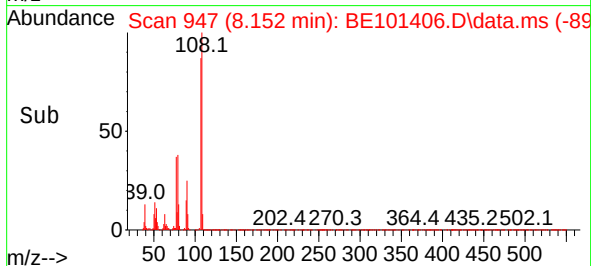
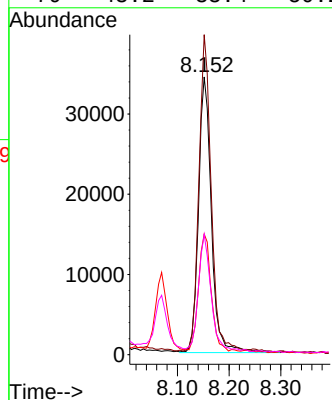
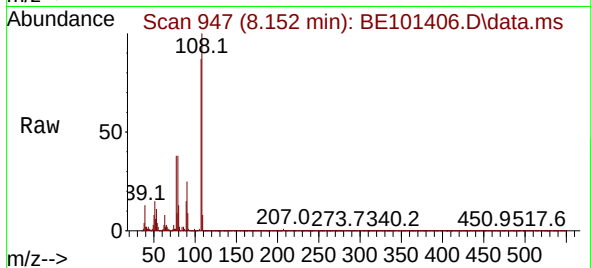
Ion Ratio Lower Upper

107 100

108 115.2 90.0 135.0

77 43.4 34.2 51.4

79 43.2 33.4 50.2



#18

Hexachloroethane

Concen: 8.280 ng

RT: 8.628 min Scan# 1028

Delta R.T. -0.000 min

Lab File: BE101406.D

Acq: 29 Oct 2024 14:33

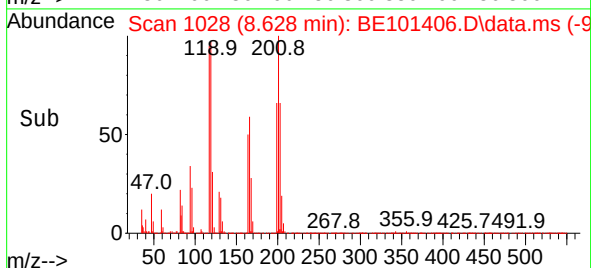
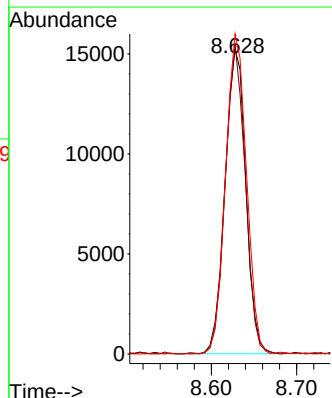
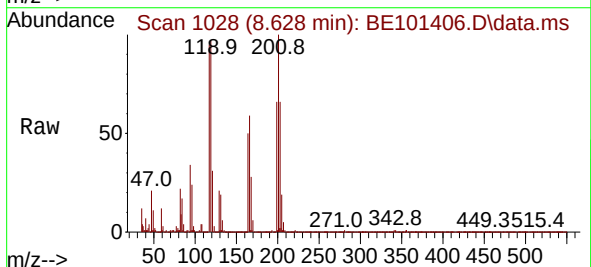
Tgt Ion:117 Resp: 25790

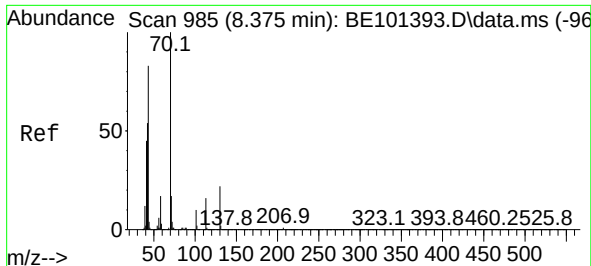
Ion Ratio Lower Upper

117 100

119 101.5 77.0 115.4

201 104.9 85.3 127.9

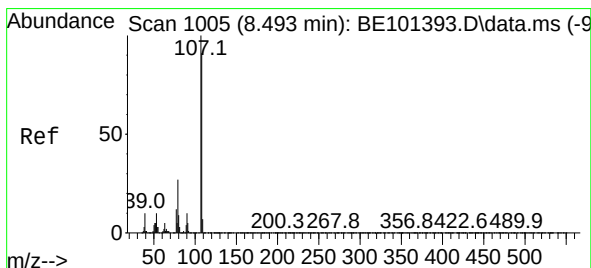
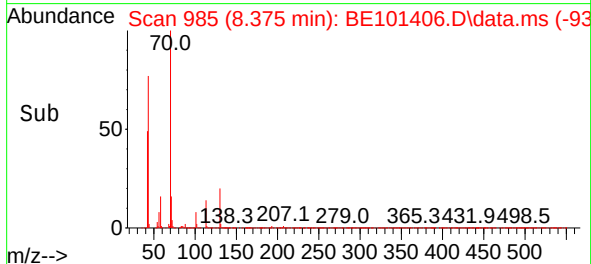
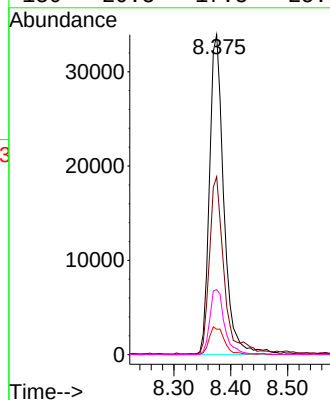
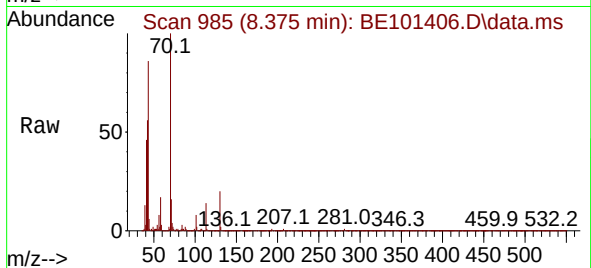




#19
n-Nitroso-di-n-propylamine
Concen: 8.925 ng
RT: 8.375 min Scan# 91
Delta R.T. -0.000 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33

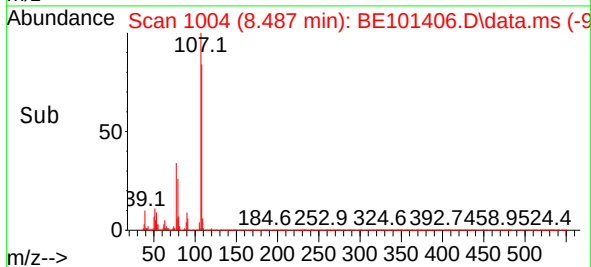
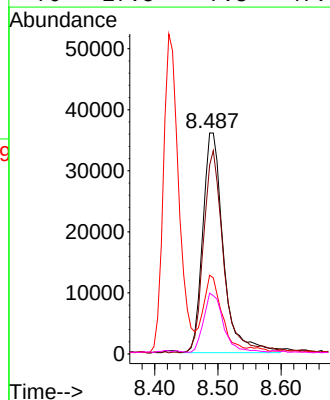
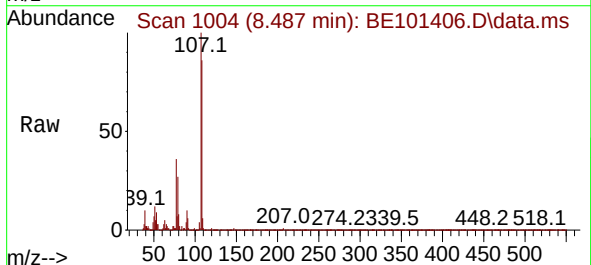
Instrument :
BNA_E
ClientSampleId :
LOQ-WATER-02-QT4-2024

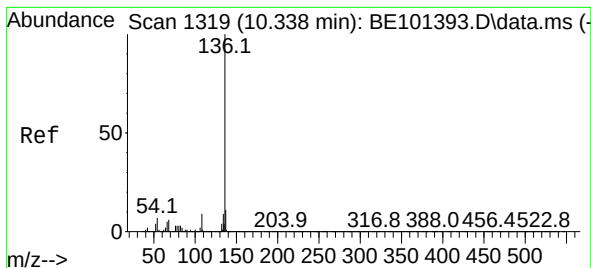
Tgt Ion: 70	Resp: 59304
Ion Ratio	Lower Upper
70	100
42	55.6 43.4 65.0
101	7.9 8.1 12.1#
130	20.3 17.3 25.9



#20
3+4-Methylphenols
Concen: 8.026 ng
RT: 8.487 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33

Tgt Ion: 107	Resp: 81463
Ion Ratio	Lower Upper
107	100
108	85.5 70.6 110.6
77	35.7 11.3 51.3
79	27.5 7.3 47.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.338 min Scan# 1319

Delta R.T. -0.000 min

Lab File: BE101406.D

Acq: 29 Oct 2024 14:33

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion:136 Resp: 612243

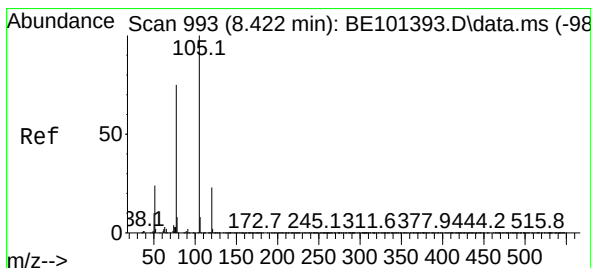
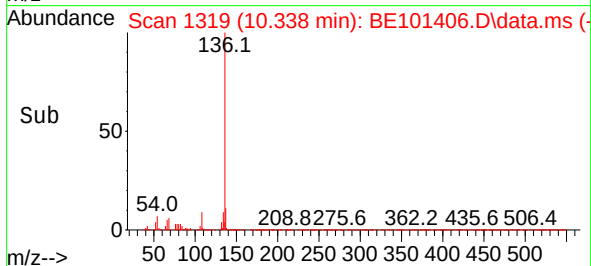
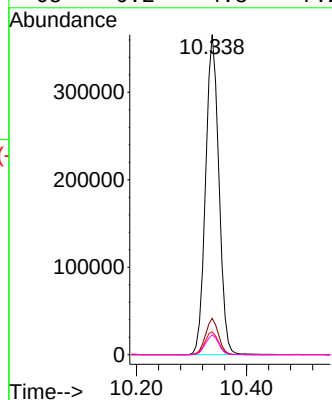
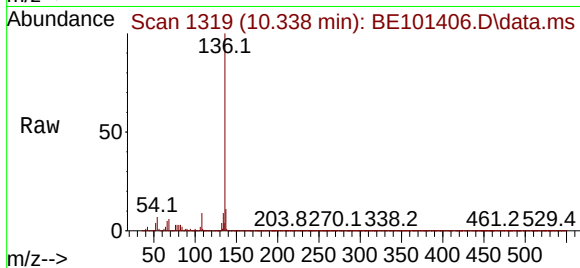
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.6

54 7.2 5.9 8.9

68 6.2 4.8 7.2



#22

Acetophenone

Concen: 8.752 ng

RT: 8.422 min Scan# 993

Delta R.T. -0.000 min

Lab File: BE101406.D

Acq: 29 Oct 2024 14:33

Tgt Ion:105 Resp: 121667

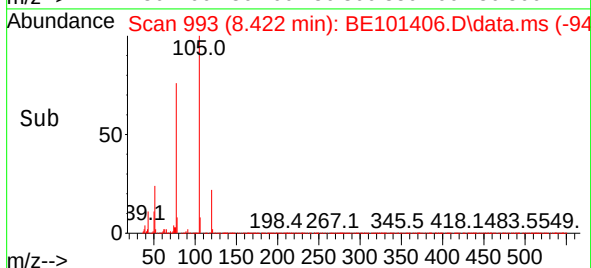
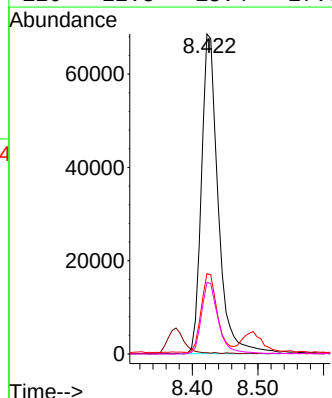
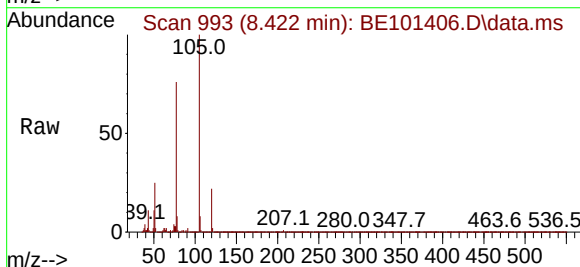
Ion Ratio Lower Upper

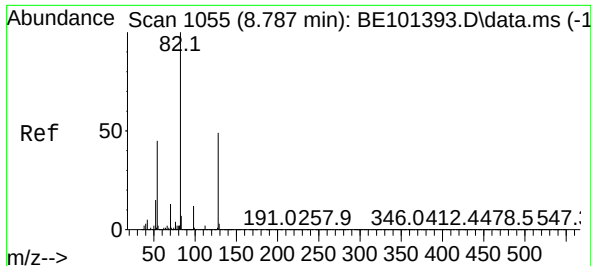
105 100

71 0.4 0.1 0.1#

51 25.1 19.4 29.0

120 22.3 18.4 27.6





#23

Nitrobenzene-d5

Concen: 73.219 ng

RT: 8.781 min Scan# 1055

Delta R.T. -0.006 min

Lab File: BE101406.D

Acq: 29 Oct 2024 14:33

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT4-2024

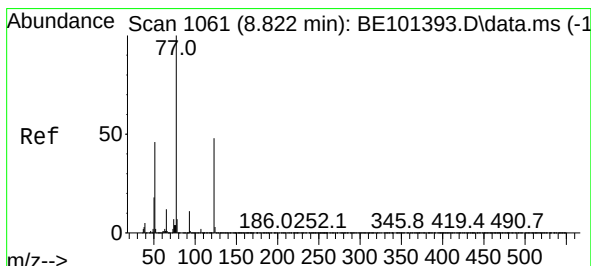
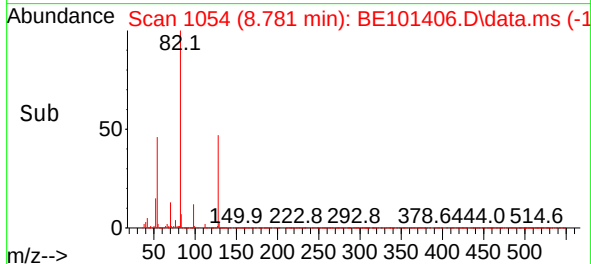
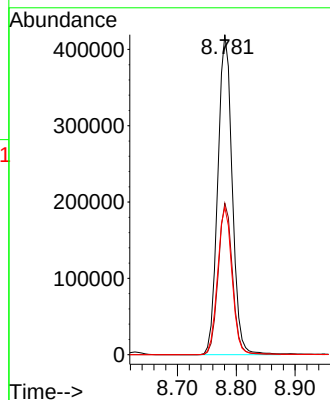
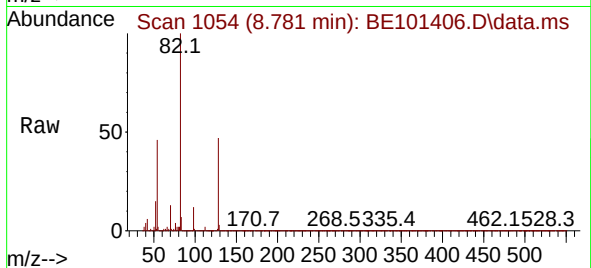
Tgt Ion: 82 Resp: 713716

Ion Ratio Lower Upper

82 100

128 47.3 38.9 58.3

54 46.0 36.2 54.4



#24

Nitrobenzene

Concen: 8.527 ng

RT: 8.822 min Scan# 1061

Delta R.T. -0.000 min

Lab File: BE101406.D

Acq: 29 Oct 2024 14:33

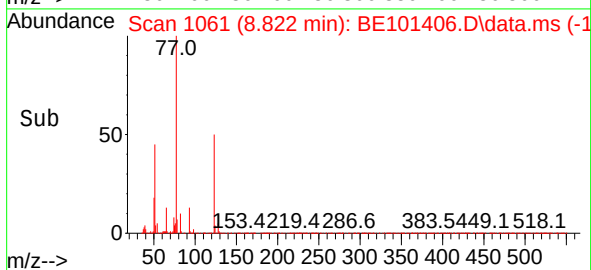
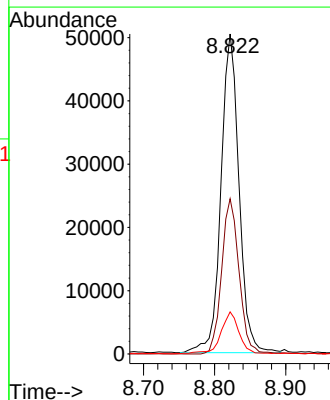
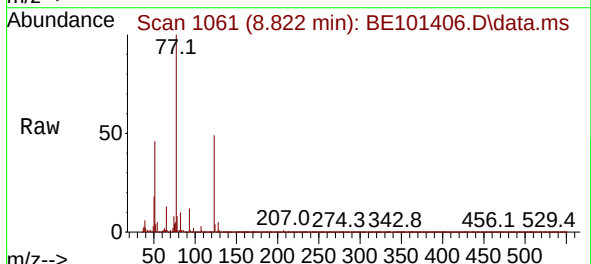
Tgt Ion: 77 Resp: 88463

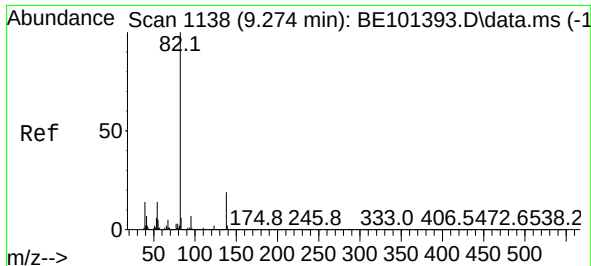
Ion Ratio Lower Upper

77 100

123 48.5 38.7 58.1

65 13.2 10.0 15.0

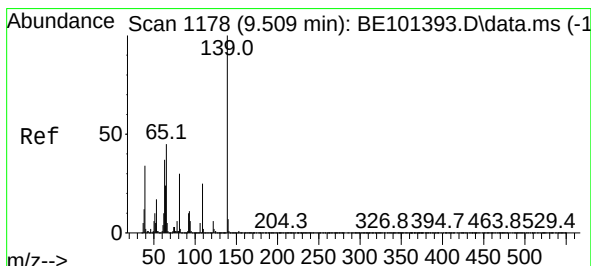
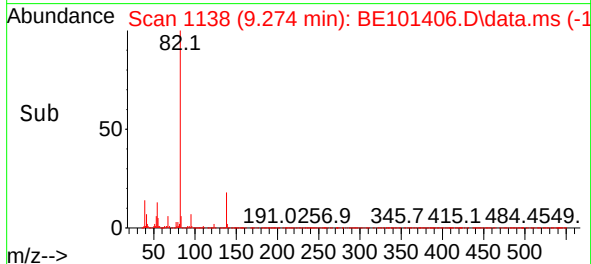
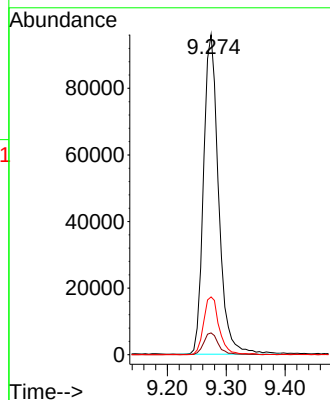
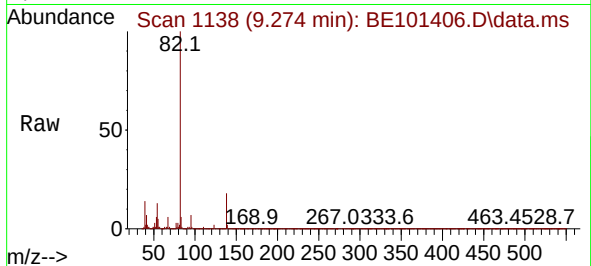




#25
Isophorone
Concen: 8.971 ng
RT: 9.274 min Scan# 1138
Delta R.T. -0.000 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33

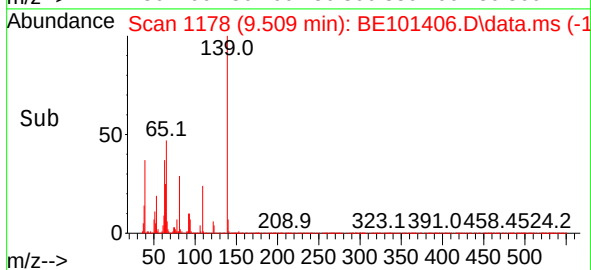
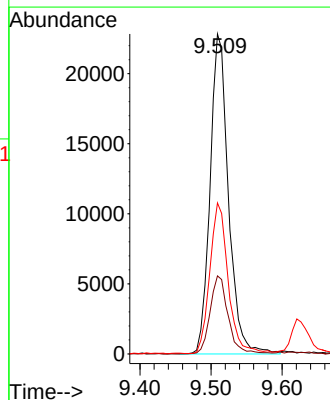
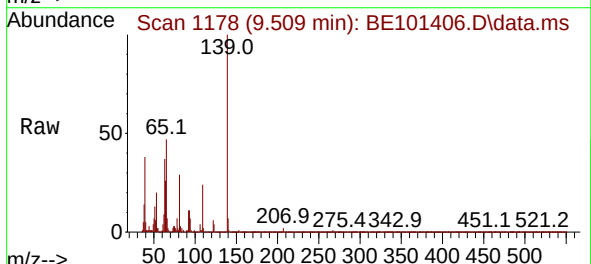
Instrument :
BNA_E
ClientSampleId :
LOQ-WATER-02-QT4-2024

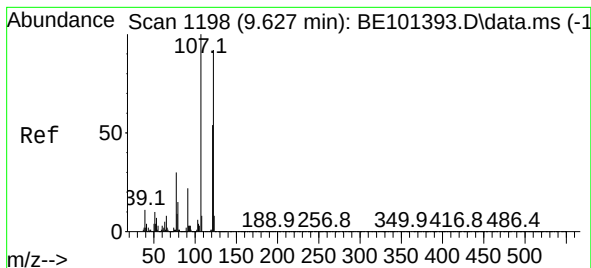
Tgt Ion: 82 Resp: 170640
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 18.0 15.0 22.4



#26
2-Nitrophenol
Concen: 8.188 ng
RT: 9.509 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33

Tgt Ion: 139 Resp: 41059
Ion Ratio Lower Upper
139 100
109 24.4 20.1 30.1
65 47.2 36.0 54.0





#27

2,4-Dimethylphenol

Concen: 7.172 ng

RT: 9.627 min Scan# 1198

Delta R.T. -0.000 min

Lab File: BE101406.D

Acq: 29 Oct 2024 14:33

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT4-2024

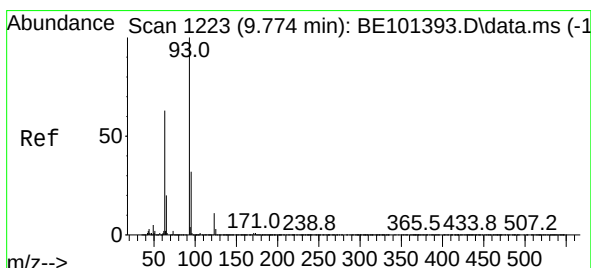
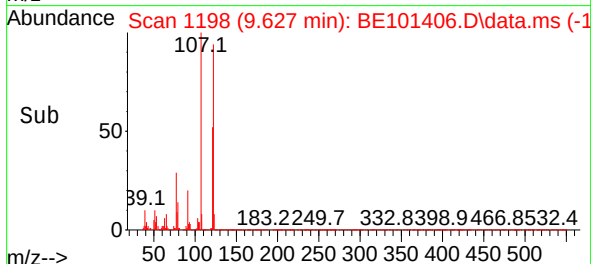
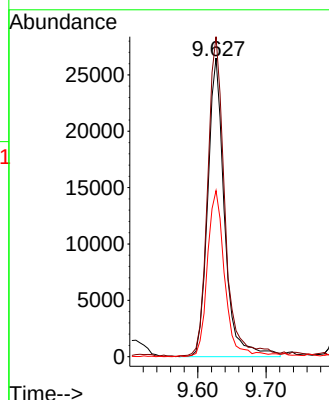
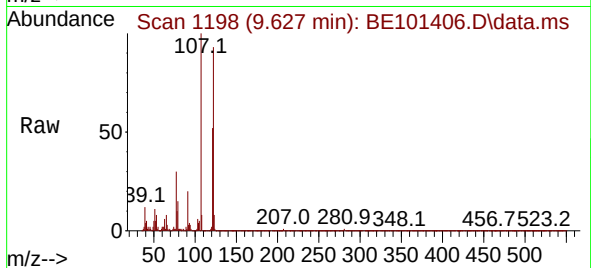
Tgt Ion:122 Resp: 45257

Ion Ratio Lower Upper

122 100

107 107.1 87.4 131.0

121 55.6 47.4 71.0



#28

bis(2-Chloroethoxy)methane

Concen: 8.857 ng

RT: 9.779 min Scan# 1224

Delta R.T. 0.006 min

Lab File: BE101406.D

Acq: 29 Oct 2024 14:33

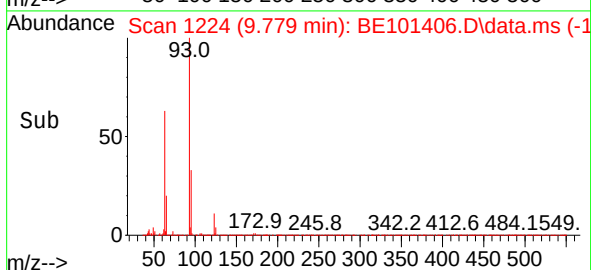
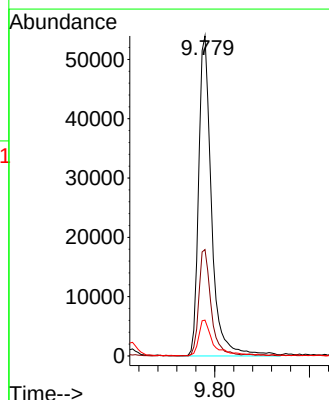
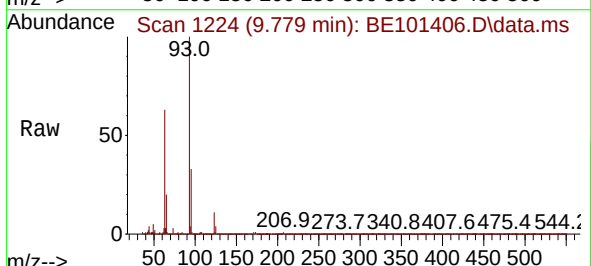
Tgt Ion: 93 Resp: 102171

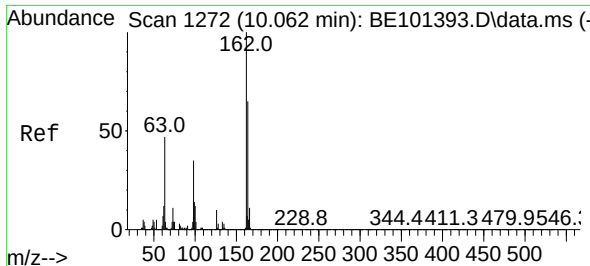
Ion Ratio Lower Upper

93 100

95 33.2 25.8 38.6

123 11.2 8.6 13.0





#29

2,4-Dichlorophenol

Concen: 8.340 ng

RT: 10.056 min Scan# 1272

Delta R.T. -0.006 min

Lab File: BE101406.D

Acq: 29 Oct 2024 14:33

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT4-2024

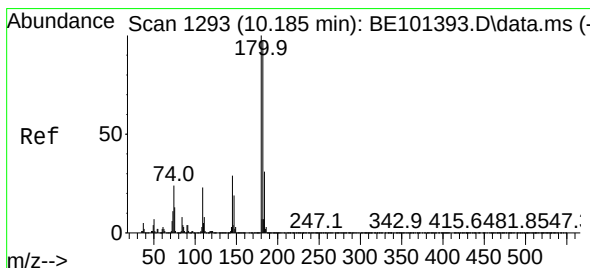
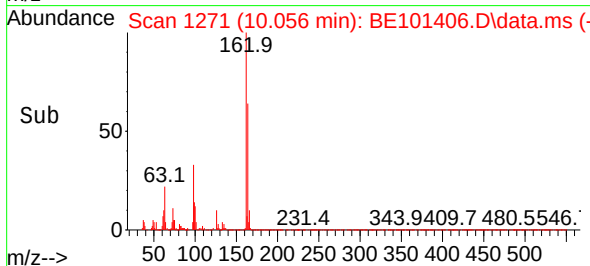
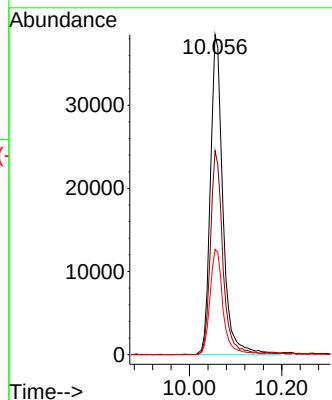
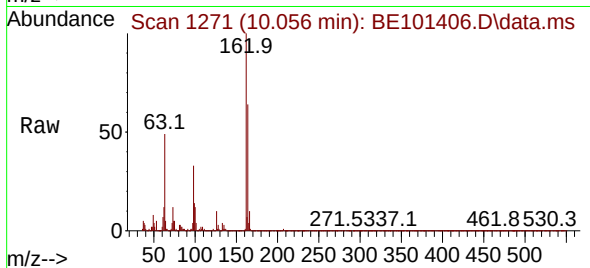
Tgt Ion:162 Resp: 72800

Ion Ratio Lower Upper

162 100

164 63.8 45.4 85.4

98 32.9 14.5 54.5



#30

1,2,4-Trichlorobenzene

Concen: 8.374 ng

RT: 10.185 min Scan# 1293

Delta R.T. -0.000 min

Lab File: BE101406.D

Acq: 29 Oct 2024 14:33

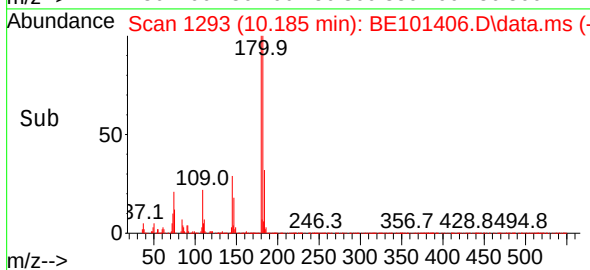
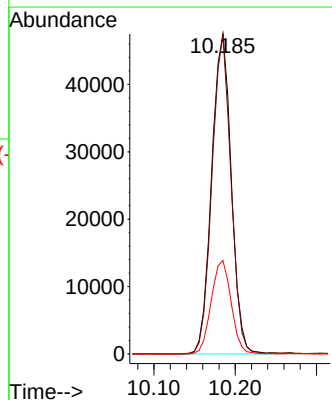
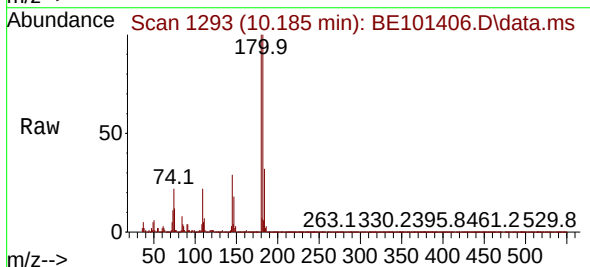
Tgt Ion:180 Resp: 79632

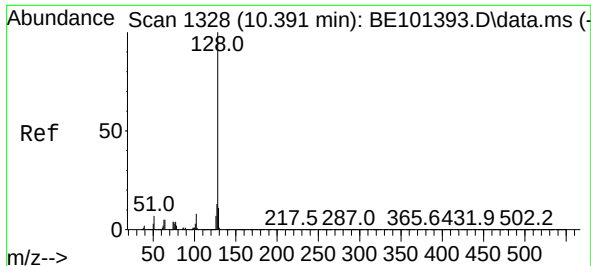
Ion Ratio Lower Upper

180 100

182 99.5 77.4 116.0

145 29.2 23.3 34.9

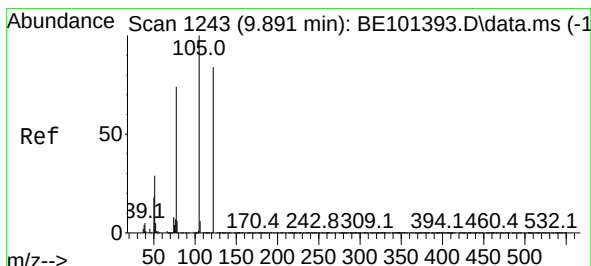
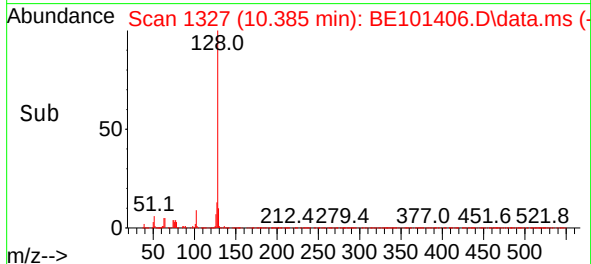
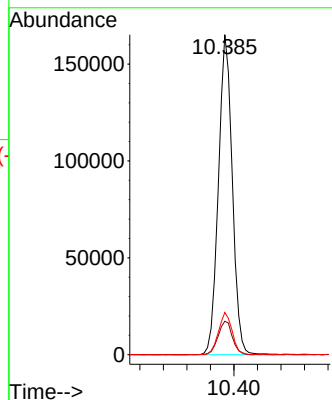
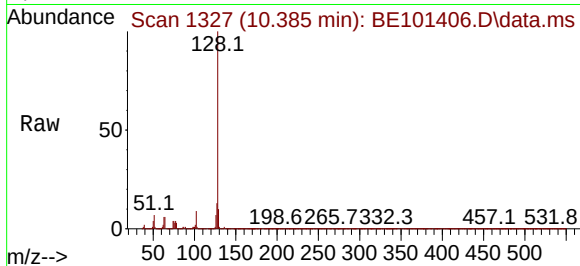




#31
Naphthalene
Concen: 8.654 ng
RT: 10.385 min Scan# 11
Delta R.T. -0.006 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33

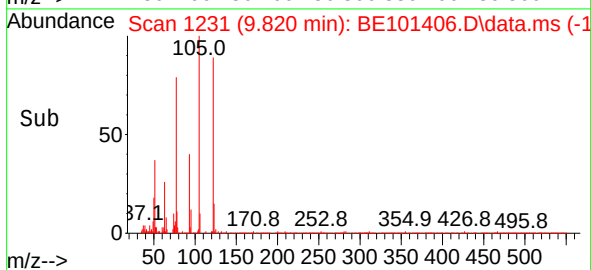
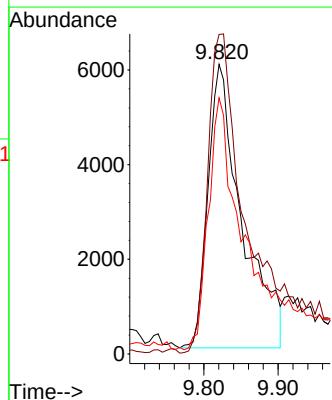
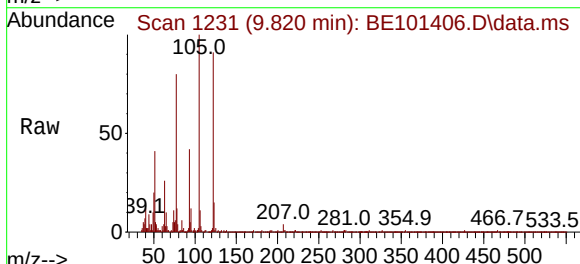
Instrument : BNA_E
ClientSampleId : LOQ-WATER-02-QT4-2024

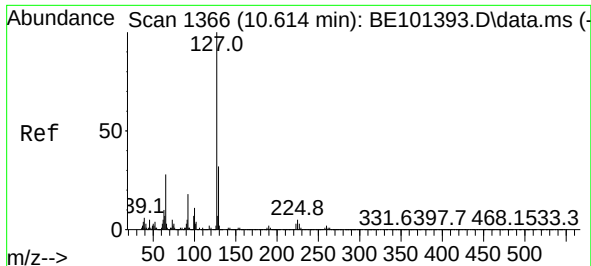
Tgt Ion:	128	Resp:	269998
Ion Ratio	Lower	Upper	
128	100		
129	10.4	8.8	13.2
127	13.2	10.3	15.5



#32
Benzoic acid
Concen: 10.638 ng
RT: 9.820 min Scan# 1231
Delta R.T. -0.071 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33

Tgt Ion:	122	Resp:	18971
Ion Ratio	Lower	Upper	
122	100		
105	110.3	97.9	137.9
77	88.5	68.1	108.1





#33

4-Chloroaniline

Concen: 9.742 ng

RT: 10.614 min Scan# 1366

Delta R.T. -0.000 min

Lab File: BE101406.D

Acq: 29 Oct 2024 14:33

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion:127 Resp: 105691

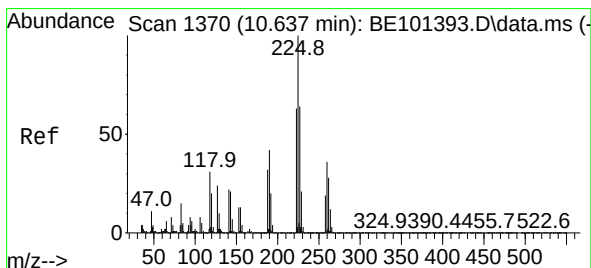
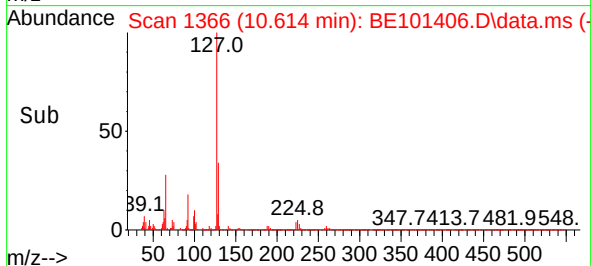
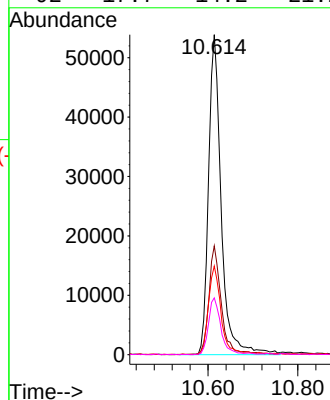
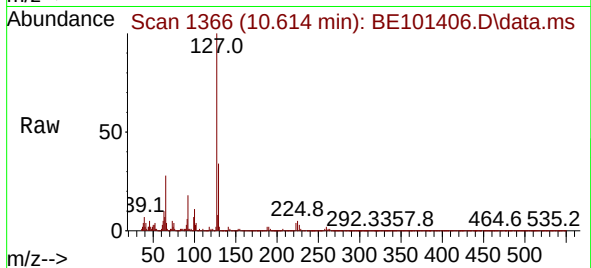
Ion Ratio Lower Upper

127 100

129 34.0 25.7 38.5

65 27.7 22.2 33.4

92 17.7 14.2 21.2



#34

Hexachlorobutadiene

Concen: 8.201 ng

RT: 10.637 min Scan# 1370

Delta R.T. -0.000 min

Lab File: BE101406.D

Acq: 29 Oct 2024 14:33

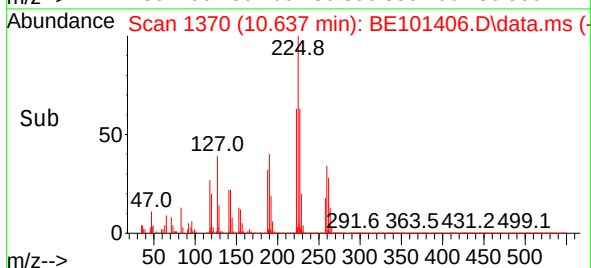
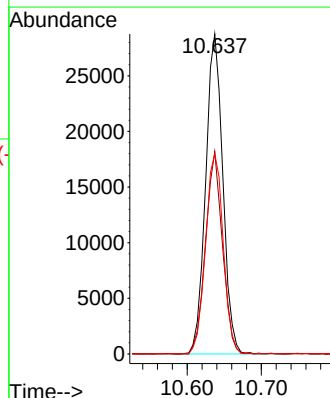
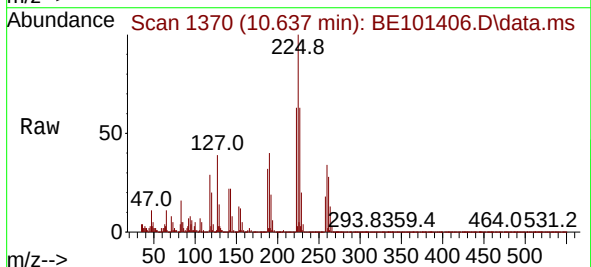
Tgt Ion:225 Resp: 46164

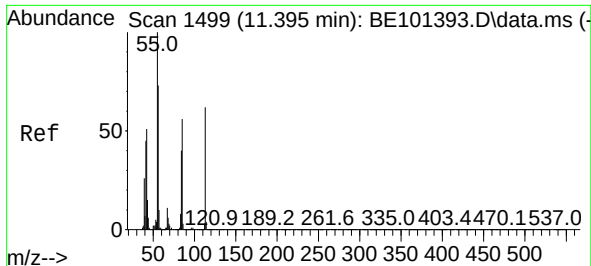
Ion Ratio Lower Upper

225 100

223 63.3 50.5 75.7

227 62.5 51.0 76.6





#35

Caprolactam

Concen: 7.697 ng

RT: 11.383 min Scan# 1499

Delta R.T. -0.012 min

Lab File: BE101406.D

Acq: 29 Oct 2024 14:33

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT4-2024

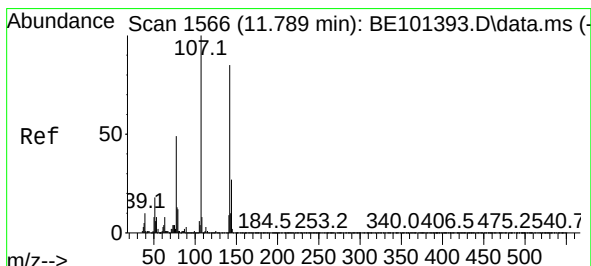
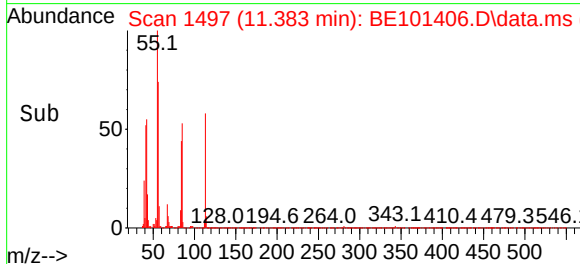
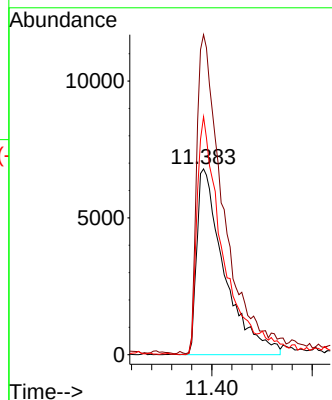
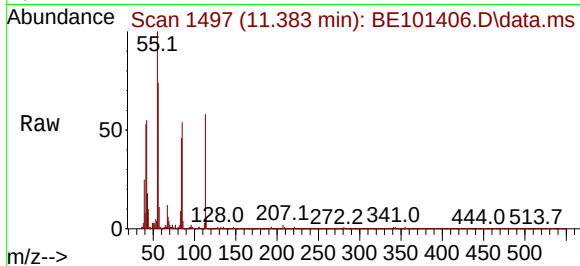
Tgt Ion:113 Resp: 25754

Ion Ratio Lower Upper

113 100

55 172.3 141.2 181.2

56 128.1 96.9 136.9



#36

4-Chloro-3-methylphenol

Concen: 8.342 ng

RT: 11.783 min Scan# 1565

Delta R.T. -0.006 min

Lab File: BE101406.D

Acq: 29 Oct 2024 14:33

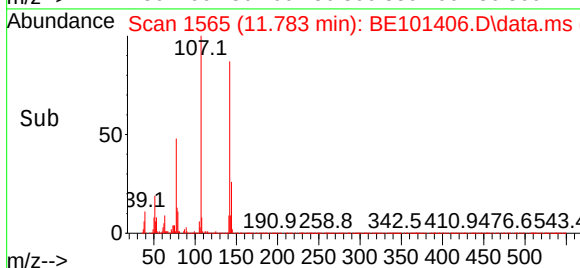
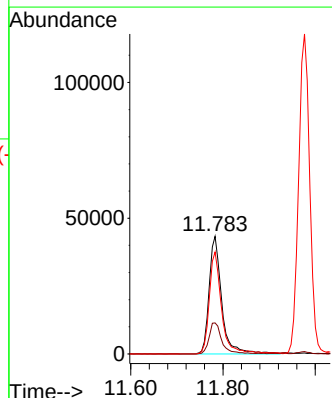
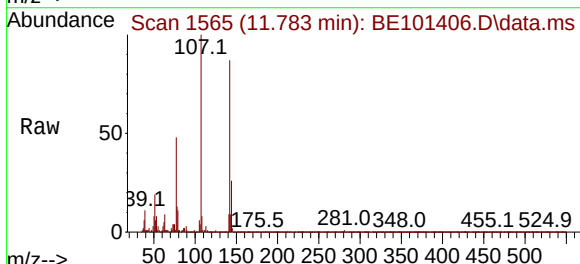
Tgt Ion:107 Resp: 82916

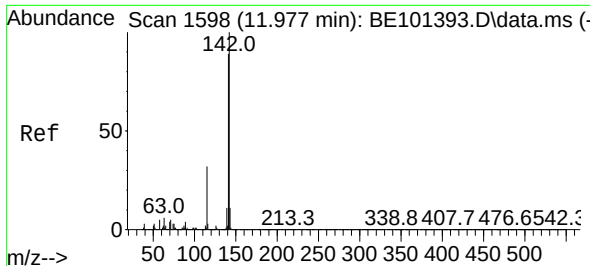
Ion Ratio Lower Upper

107 100

144 26.4 21.9 32.9

142 86.6 68.0 102.0

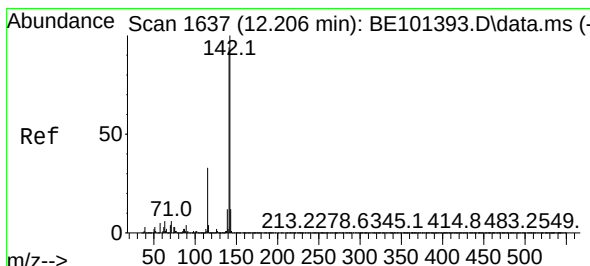
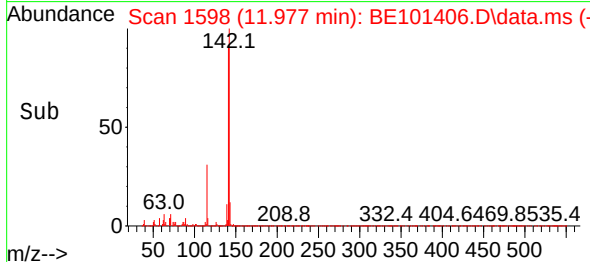
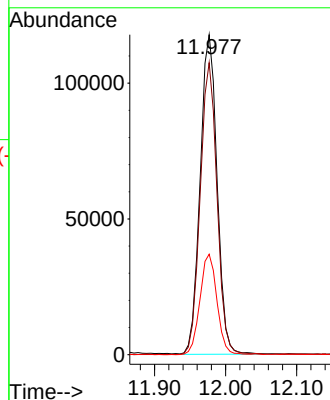
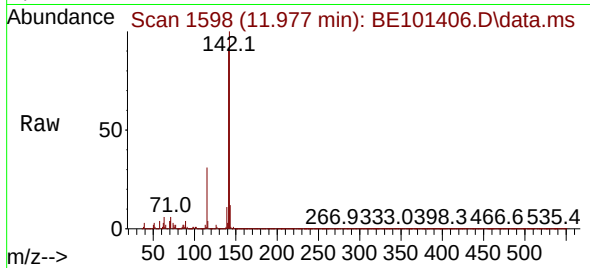




#37
2-Methylnaphthalene
Concen: 8.694 ng
RT: 11.977 min Scan# 1598
Delta R.T. -0.000 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33

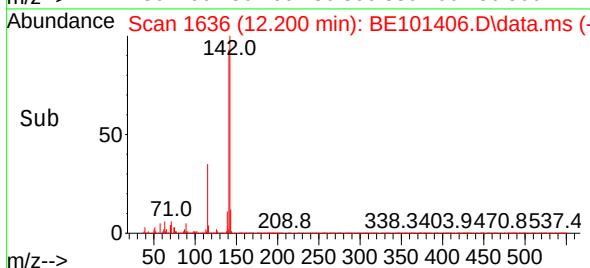
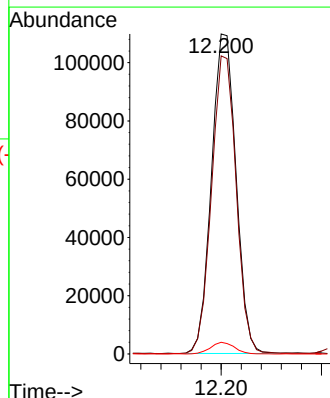
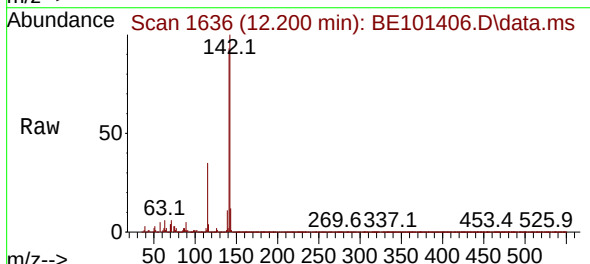
Instrument : BNA_E
ClientSampleId : LOQ-WATER-02-QT4-2024

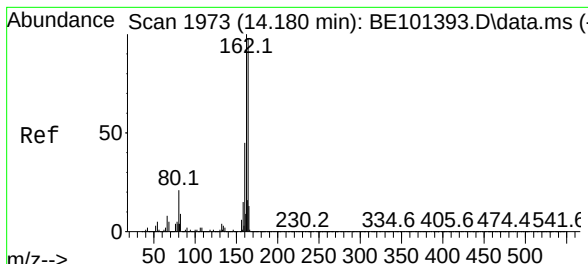
Tgt Ion:142 Resp: 195422
Ion Ratio Lower Upper
142 100
141 91.2 71.4 107.2
115 31.4 25.6 38.4



#38
1-Methylnaphthalene
Concen: 8.306 ng
RT: 12.200 min Scan# 1636
Delta R.T. -0.006 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33

Tgt Ion:142 Resp: 186338
Ion Ratio Lower Upper
142 100
141 93.2 75.0 112.4
116 3.6 2.9 4.3



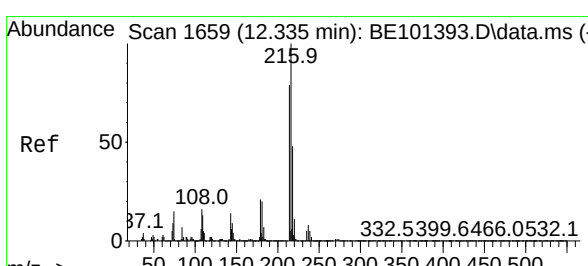
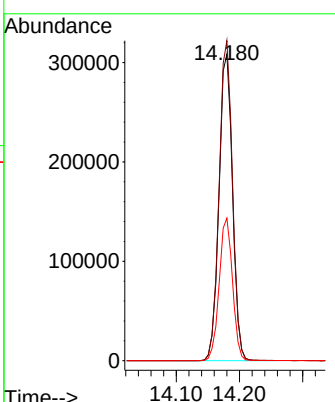
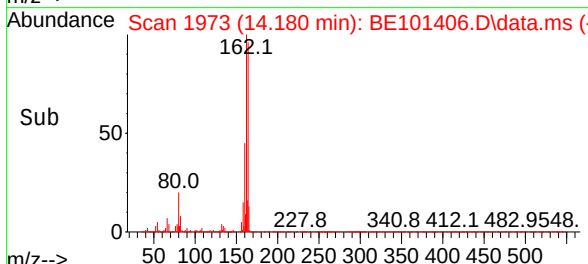
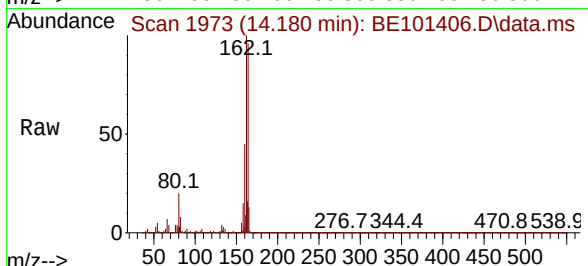


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.180 min Scan# 1973
 Delta R.T. -0.000 min
 Lab File: BE101406.D
 Acq: 29 Oct 2024 14:33

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

Tgt Ion:164 Resp: 456923

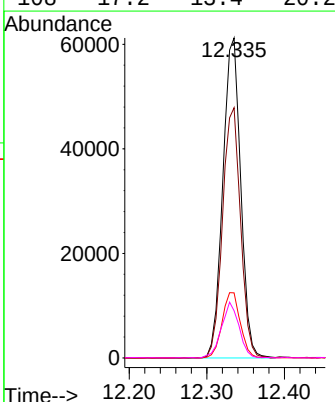
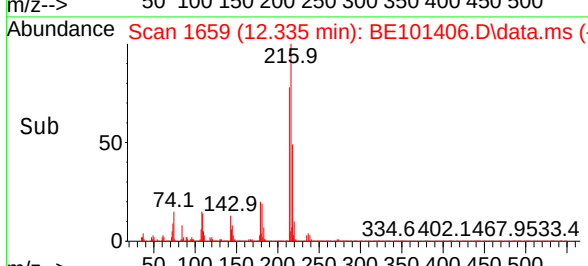
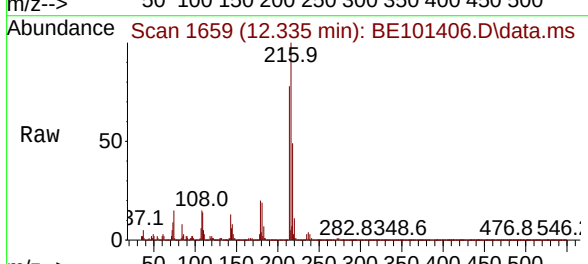
Ion	Ratio	Lower	Upper
164	100		
162	104.4	81.3	121.9
160	46.5	36.4	54.6

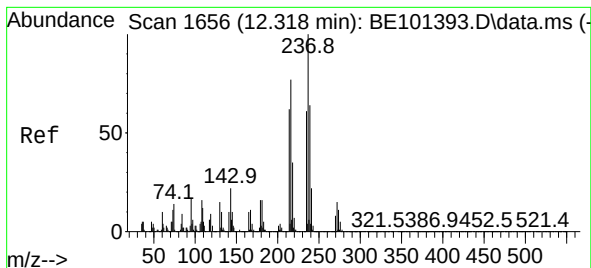


#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 8.553 ng
 RT: 12.335 min Scan# 1659
 Delta R.T. -0.000 min
 Lab File: BE101406.D
 Acq: 29 Oct 2024 14:33

Tgt Ion:216 Resp: 98102

Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.0	94.4
179	20.9	16.7	25.1
108	17.2	13.4	20.2





#41

Hexachlorocyclopentadiene

Concen: 7.363 ng

RT: 12.318 min Scan# 1

Delta R.T. -0.000 min

Lab File: BE101406.D

Acq: 29 Oct 2024 14:33

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT4-2024

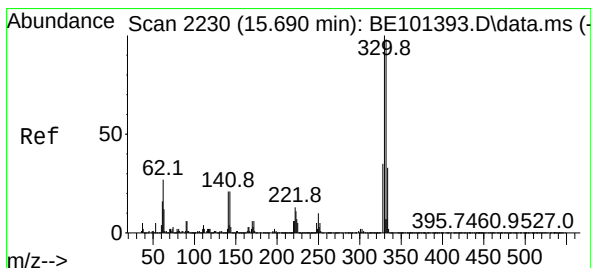
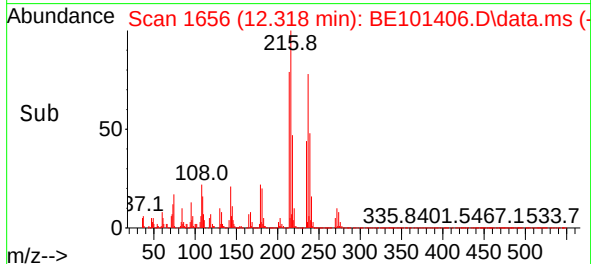
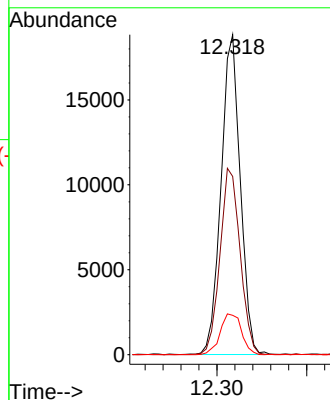
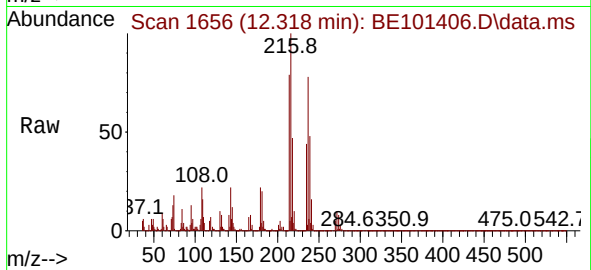
Tgt Ion:237 Resp: 27891

Ion Ratio Lower Upper

237 100

235 55.7 41.3 81.3

272 12.3 0.0 34.6



#42

2,4,6-Tribromophenol

Concen: 107.099 ng

RT: 15.684 min Scan# 2229

Delta R.T. -0.006 min

Lab File: BE101406.D

Acq: 29 Oct 2024 14:33

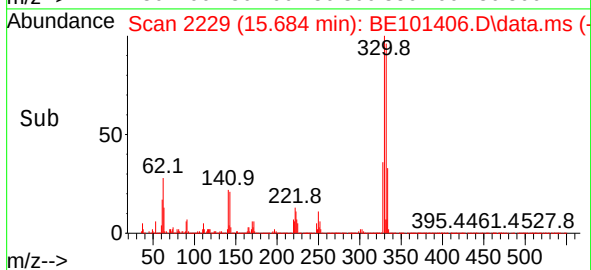
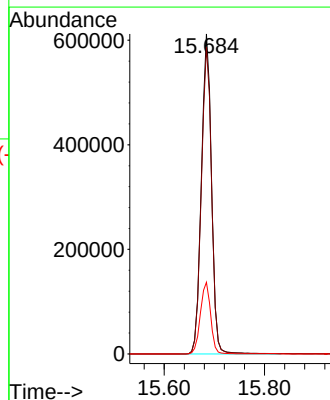
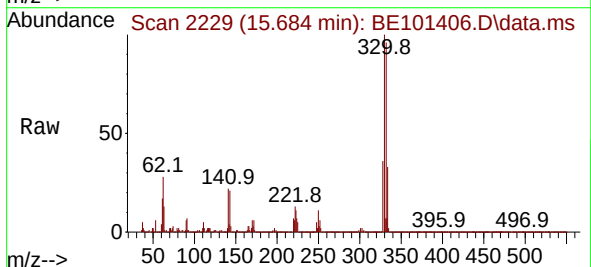
Tgt Ion:330 Resp: 857692

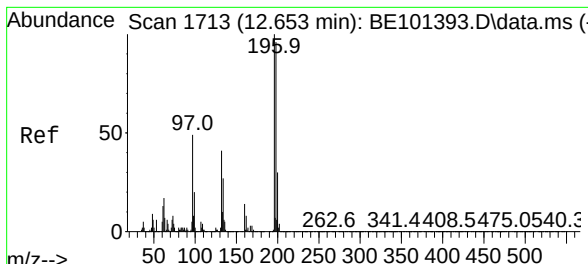
Ion Ratio Lower Upper

330 100

332 97.0 78.2 117.2

141 22.6 18.3 27.5

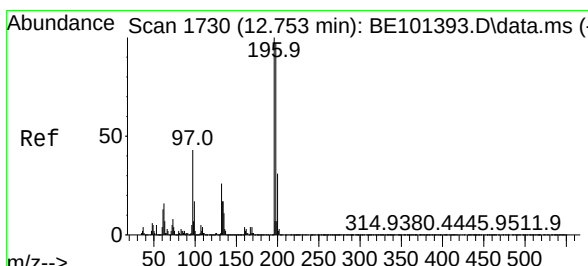
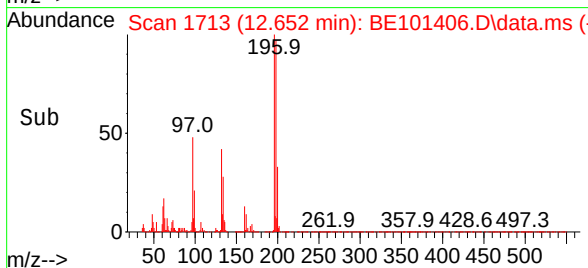
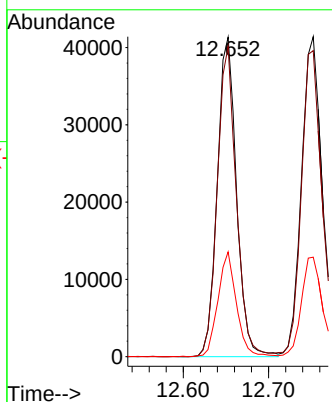
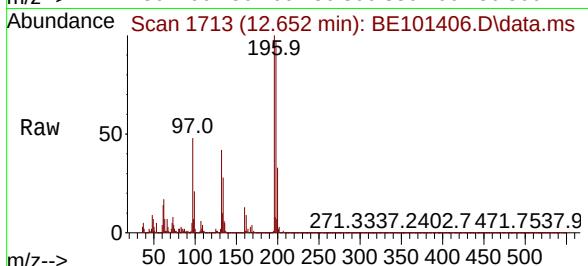




#43
 2,4,6-Trichlorophenol
 Concen: 8.179 ng
 RT: 12.652 min Scan# 1713
 Delta R.T. -0.000 min
 Lab File: BE101406.D
 Acq: 29 Oct 2024 14:33

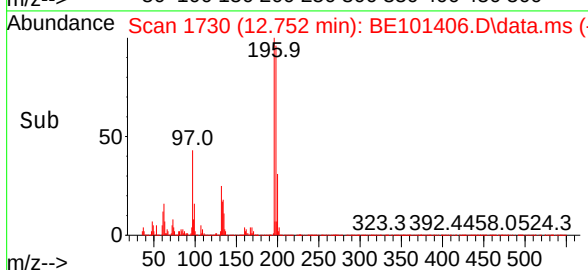
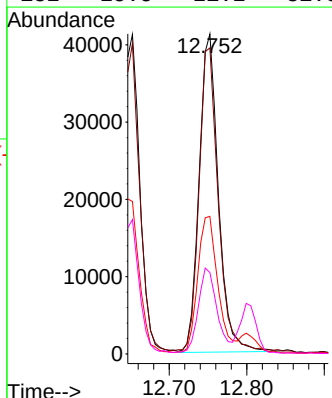
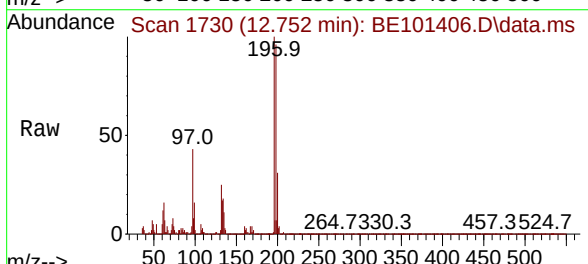
Instrument : BNA_E
 ClientSampleId : LOQ-WATER-02-QT4-2024

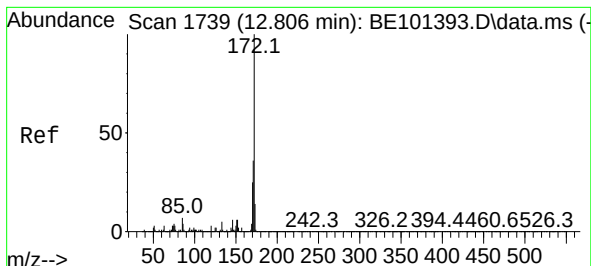
Tgt Ion:196	Resp:	64678
Ion Ratio	Lower	Upper
196	100	
198	97.1	76.6 115.0
200	32.8	24.1 36.1



#44
 2,4,5-Trichlorophenol
 Concen: 7.838 ng
 RT: 12.752 min Scan# 1730
 Delta R.T. -0.000 min
 Lab File: BE101406.D
 Acq: 29 Oct 2024 14:33

Tgt Ion:196	Resp:	70972
Ion Ratio	Lower	Upper
196	100	
198	95.6	77.4 116.0
97	43.0	34.8 52.2
132	25.5	21.2 31.8





#45

2-Fluorobiphenyl

Concen: 74.304 ng

RT: 12.805 min Scan# 1

Delta R.T. -0.000 min

Lab File: BE101406.D

Acq: 29 Oct 2024 14:33

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT4-2024

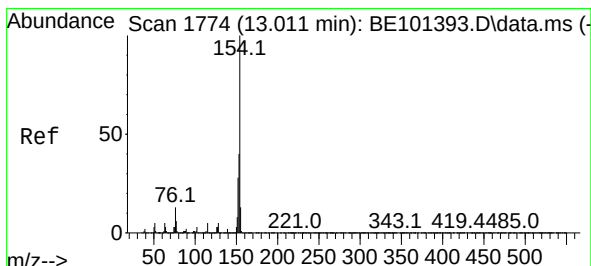
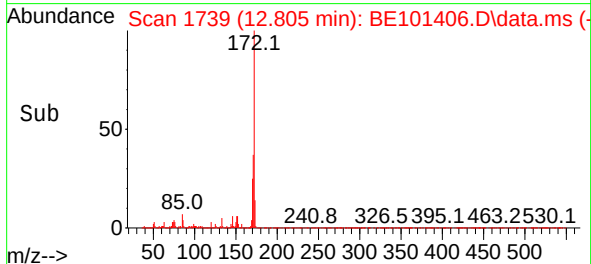
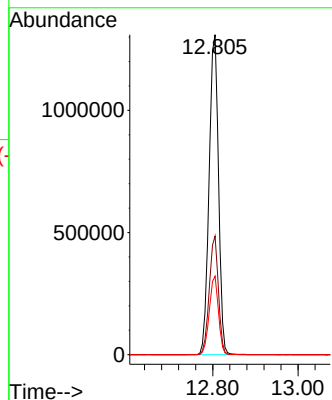
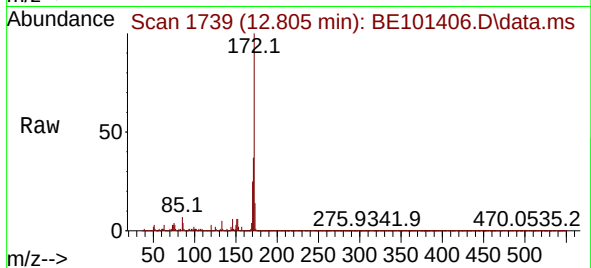
Tgt Ion:172 Resp: 2004760

Ion Ratio Lower Upper

172 100

171 37.0 29.2 43.8

170 24.6 19.8 29.6



#46

1,1'-Biphenyl

Concen: 9.013 ng

RT: 13.005 min Scan# 1773

Delta R.T. -0.006 min

Lab File: BE101406.D

Acq: 29 Oct 2024 14:33

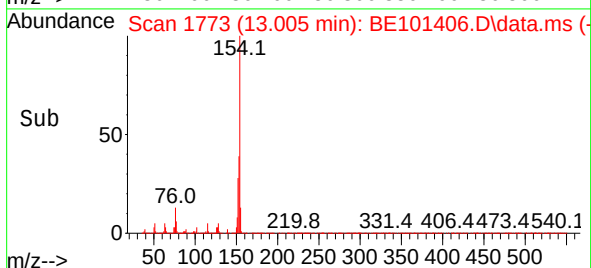
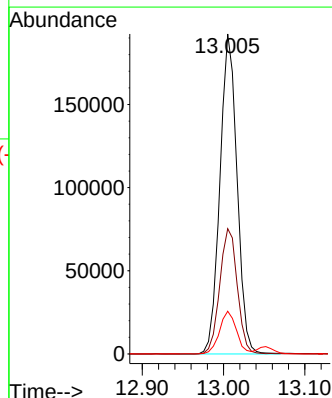
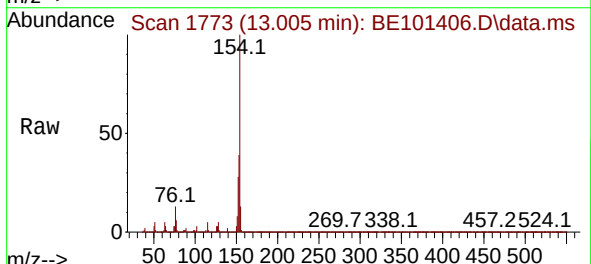
Tgt Ion:154 Resp: 282133

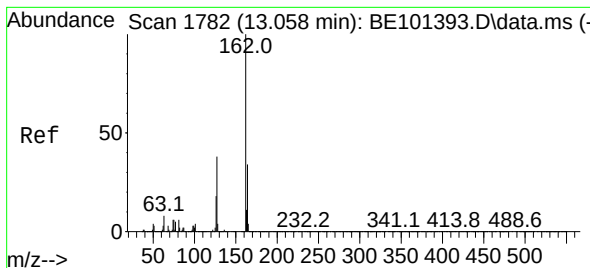
Ion Ratio Lower Upper

154 100

153 39.1 20.3 60.3

76 13.4 0.0 32.6





#47

2-Chloronaphthalene

Concen: 8.477 ng

RT: 13.052 min Scan# 1

Delta R.T. -0.006 min

Lab File: BE101406.D

Acq: 29 Oct 2024 14:33

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT4-2024

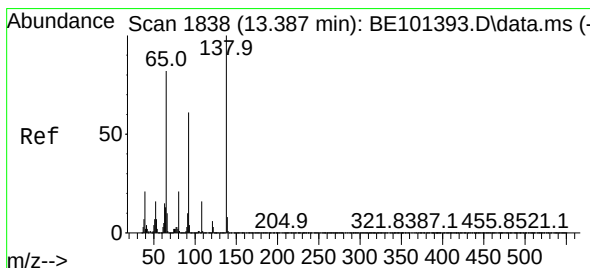
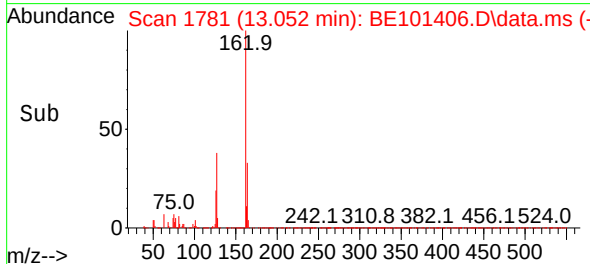
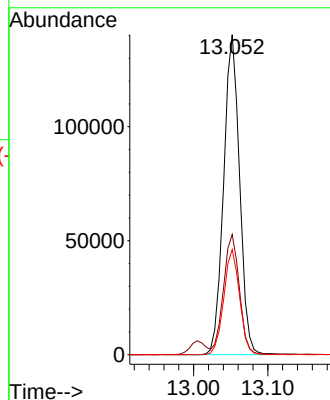
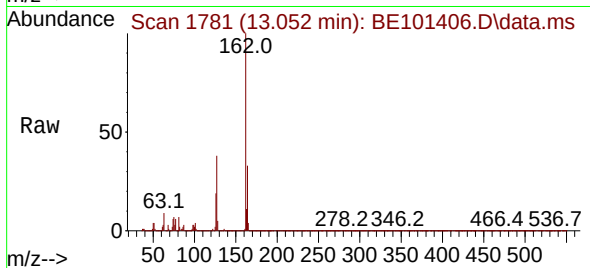
Tgt Ion:162 Resp: 209649

Ion Ratio Lower Upper

162 100

127 37.6 30.4 45.6

164 32.8 27.0 40.6



#48

2-Nitroaniline

Concen: 7.717 ng

RT: 13.381 min Scan# 1837

Delta R.T. -0.006 min

Lab File: BE101406.D

Acq: 29 Oct 2024 14:33

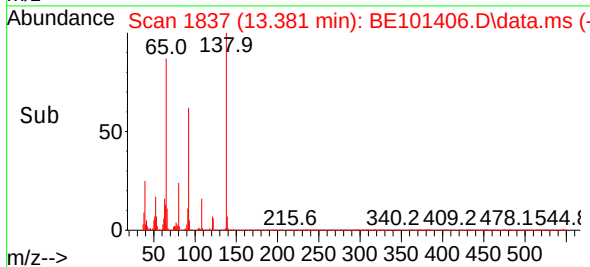
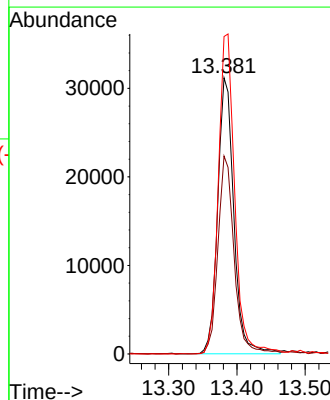
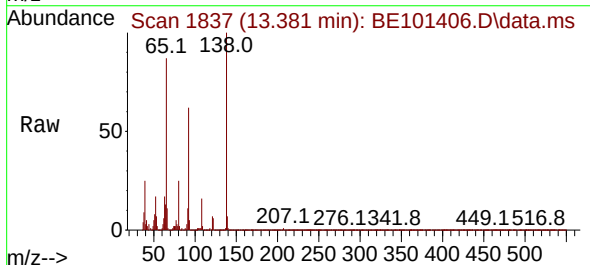
Tgt Ion: 65 Resp: 51364

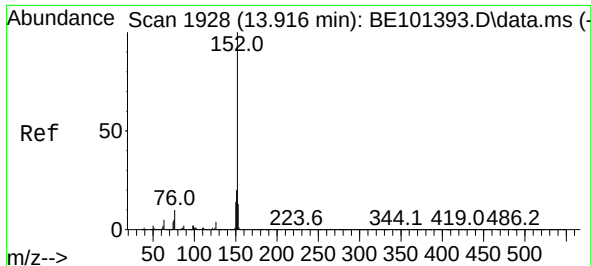
Ion Ratio Lower Upper

65 100

92 71.7 59.0 88.4

138 115.0 97.4 146.0





#49

Acenaphthylene

Concen: 9.501 ng

RT: 13.910 min Scan# 1927

Delta R.T. -0.006 min

Lab File: BE101406.D

Acq: 29 Oct 2024 14:33

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT4-2024

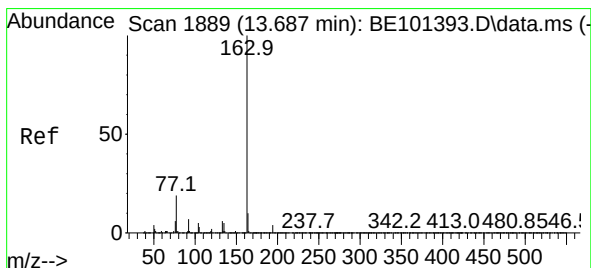
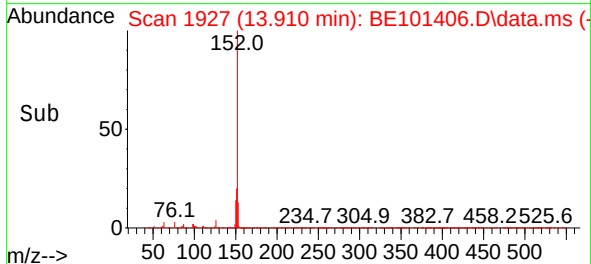
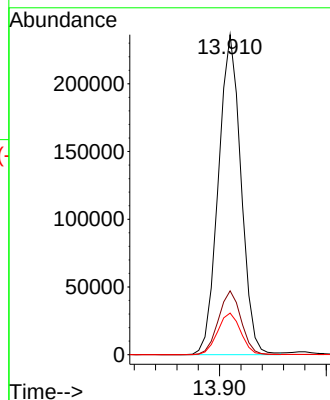
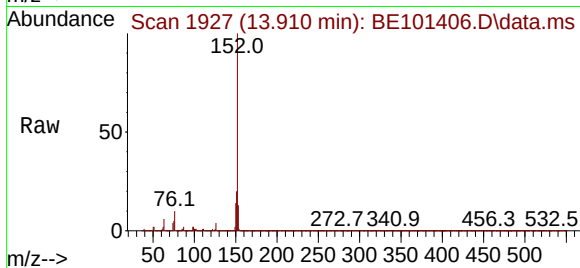
Tgt Ion:152 Resp: 347513

Ion Ratio Lower Upper

152 100

151 19.9 16.2 24.4

153 13.0 10.5 15.7



#50

Dimethylphthalate

Concen: 8.958 ng

RT: 13.681 min Scan# 1888

Delta R.T. -0.006 min

Lab File: BE101406.D

Acq: 29 Oct 2024 14:33

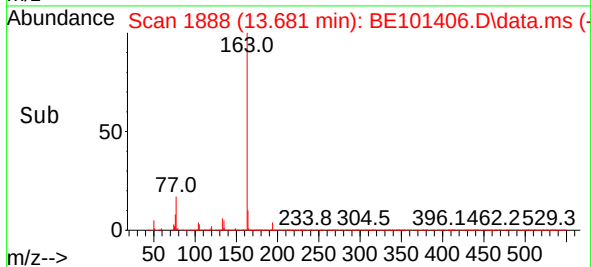
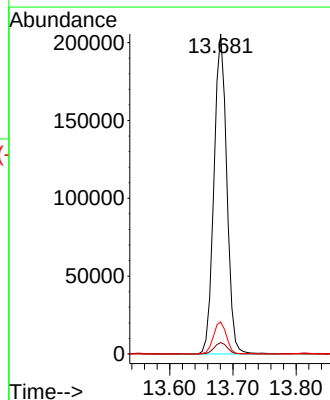
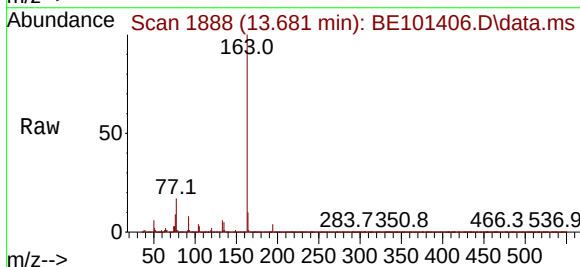
Tgt Ion:163 Resp: 288905

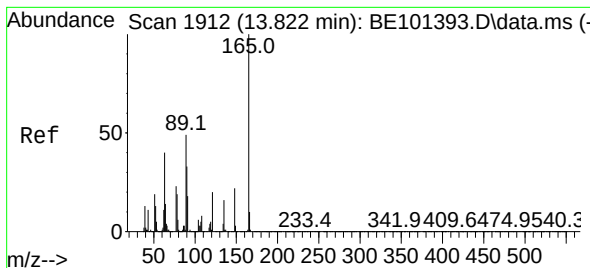
Ion Ratio Lower Upper

163 100

194 3.6 2.9 4.3

164 10.0 8.4 12.6





#51

2,6-Dinitrotoluene

Concen: 8.018 ng

RT: 13.816 min Scan# 1911

Delta R.T. -0.006 min

Lab File: BE101406.D

Acq: 29 Oct 2024 14:33

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT4-2024

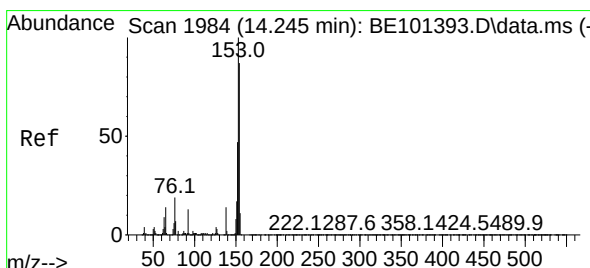
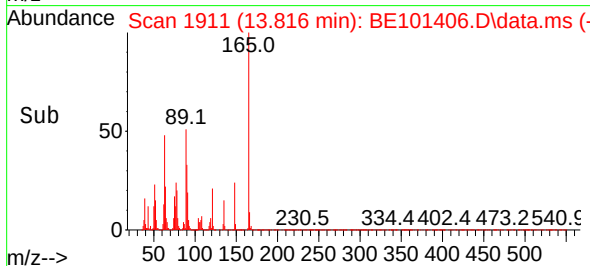
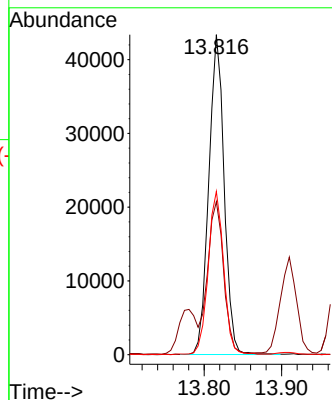
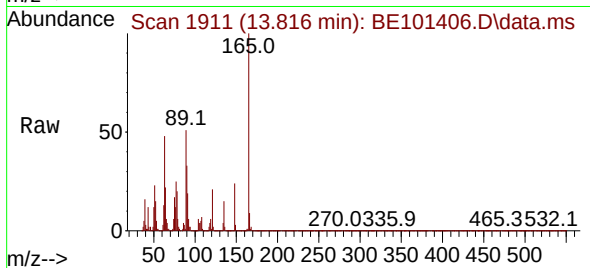
Tgt Ion:165 Resp: 59701

Ion Ratio Lower Upper

165 100

63 47.8 38.0 57.0

89 51.0 39.5 59.3



#52

Acenaphthene

Concen: 8.646 ng

RT: 14.239 min Scan# 1983

Delta R.T. -0.006 min

Lab File: BE101406.D

Acq: 29 Oct 2024 14:33

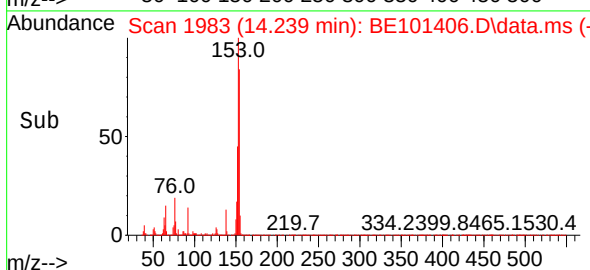
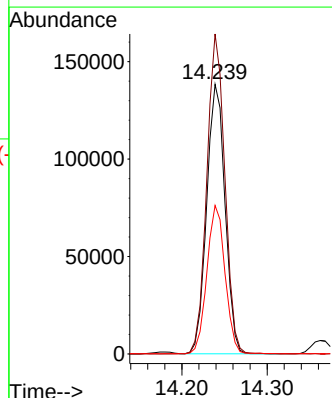
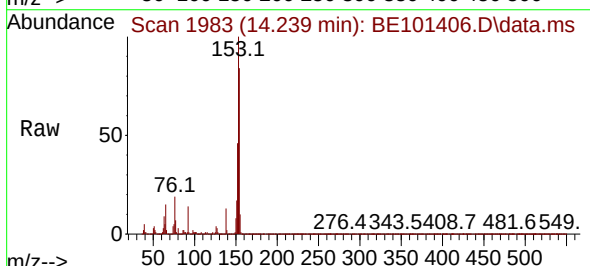
Tgt Ion:154 Resp: 206491

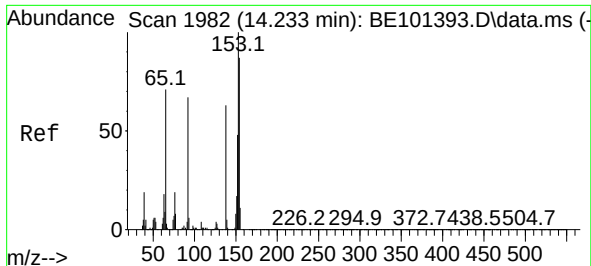
Ion Ratio Lower Upper

154 100

153 118.7 91.8 137.6

152 55.0 43.1 64.7

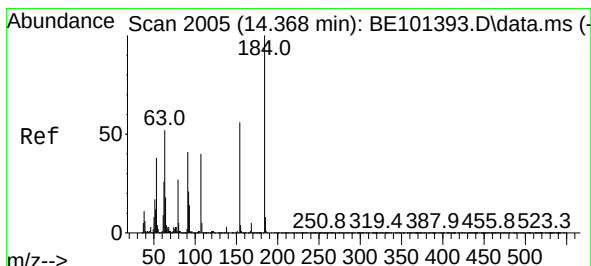
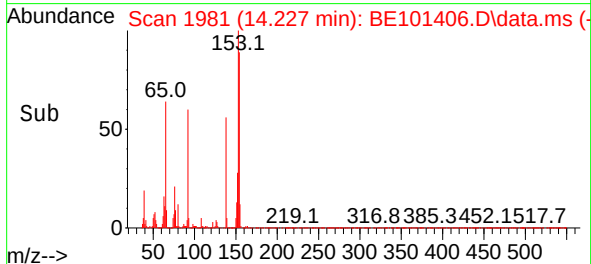
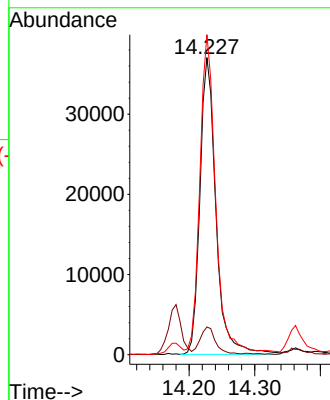
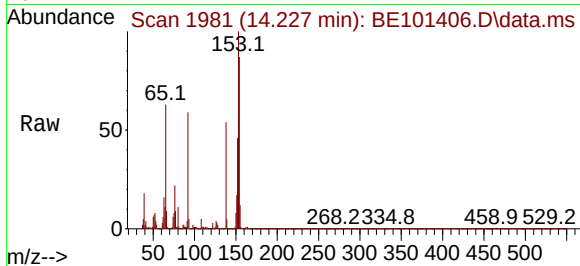




#53
3-Nitroaniline
Concen: 8.499 ng
RT: 14.227 min Scan# 1981
Delta R.T. -0.006 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33

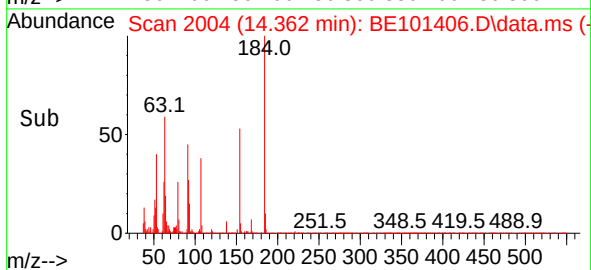
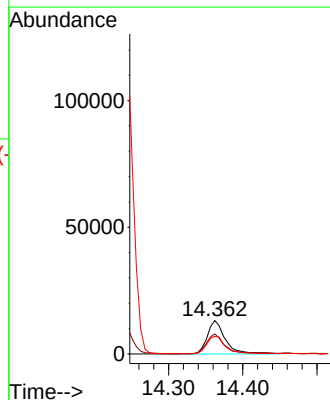
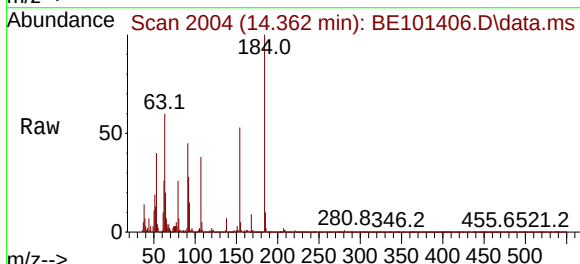
Instrument : BNA_E
ClientSampleId : LOQ-WATER-02-QT4-2024

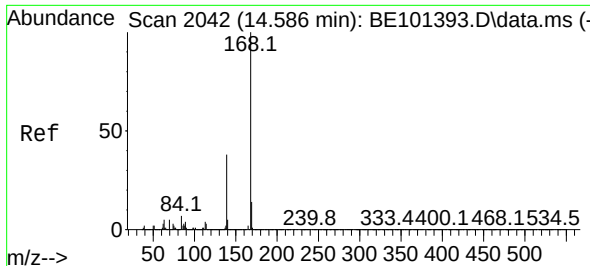
Tgt Ion:138 Resp: 62930
Ion Ratio Lower Upper
138 100
108 9.3 7.1 10.7
92 107.7 84.4 126.6



#54
2,4-Dinitrophenol
Concen: 9.527 ng
RT: 14.362 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33

Tgt Ion:184 Resp: 22250
Ion Ratio Lower Upper
184 100
63 59.5 41.8 62.6
154 52.5 44.9 67.3

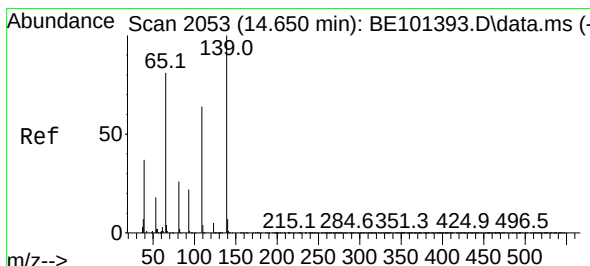
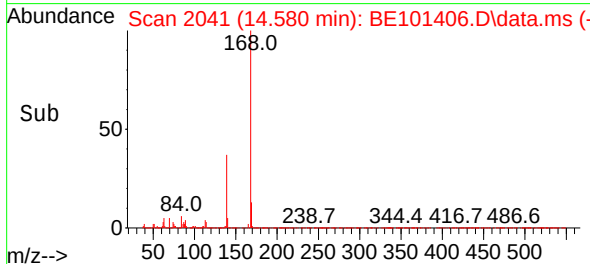
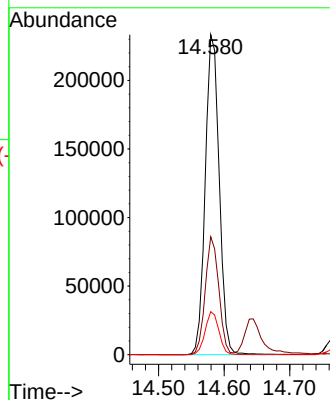
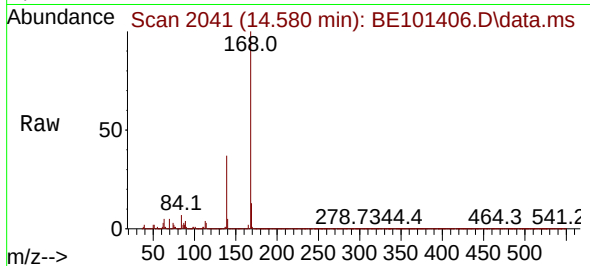




#55
Dibenzenofuran
Concen: 9.091 ng
RT: 14.580 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33

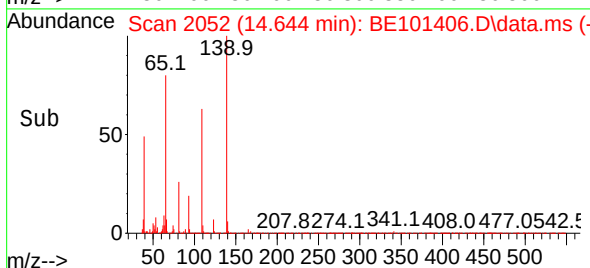
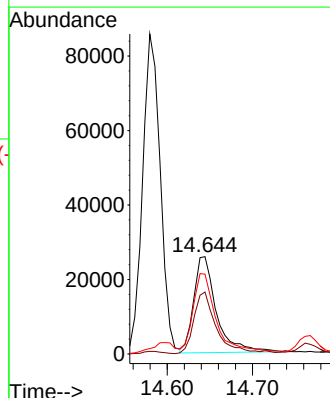
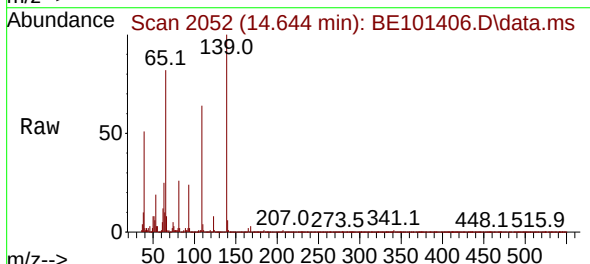
Instrument : BNA_E
ClientSampleId : LOQ-WATER-02-QT4-2024

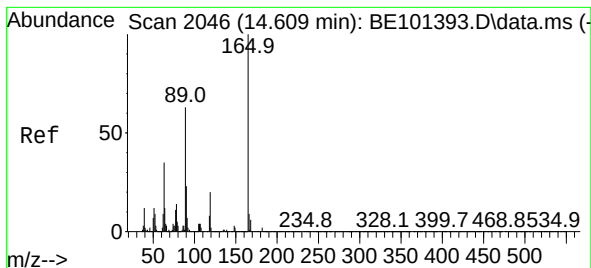
Tgt Ion:168 Resp: 346056
Ion Ratio Lower Upper
168 100
139 36.8 30.2 45.4
169 13.4 11.0 16.4



#56
4-Nitrophenol
Concen: 7.017 ng
RT: 14.644 min Scan# 2052
Delta R.T. -0.006 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33

Tgt Ion:139 Resp: 47578
Ion Ratio Lower Upper
139 100
109 63.6 42.4 82.4
65 82.1 63.4 103.4





#57

2,4-Dinitrotoluene

Concen: 7.683 ng

RT: 14.603 min Scan# 2046

Delta R.T. -0.006 min

Lab File: BE101406.D

Acq: 29 Oct 2024 14:33

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion:165 Resp: 78768

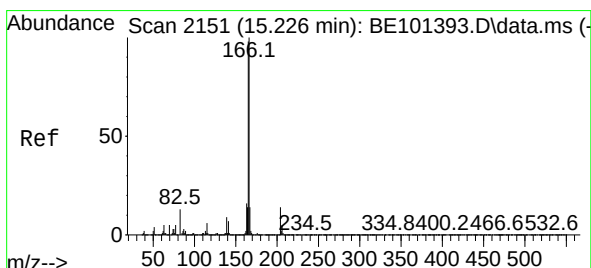
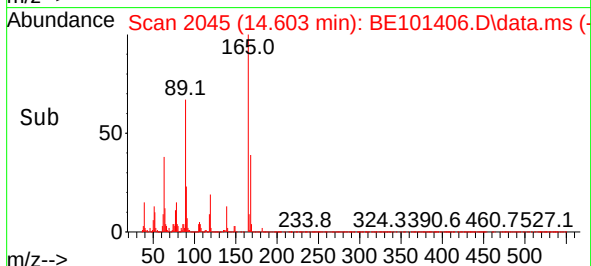
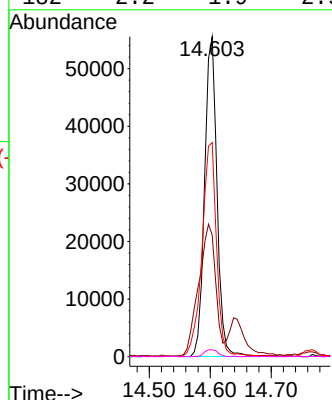
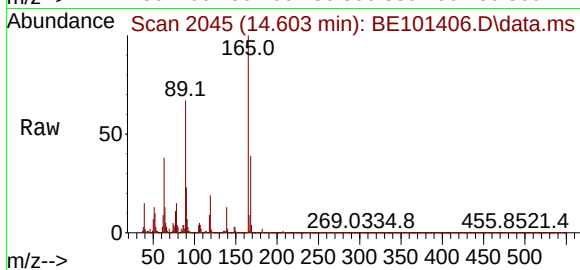
Ion Ratio Lower Upper

165 100

63 38.0 28.6 42.8

89 66.9 50.8 76.2

182 2.2 1.9 2.9



#58

Fluorene

Concen: 8.836 ng

RT: 15.220 min Scan# 2150

Delta R.T. -0.006 min

Lab File: BE101406.D

Acq: 29 Oct 2024 14:33

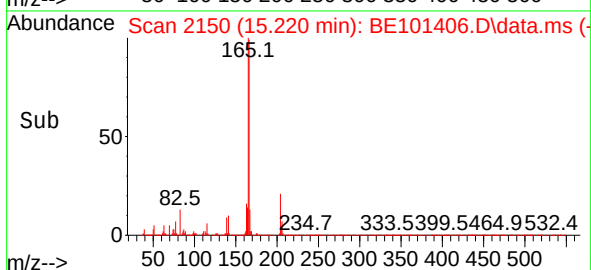
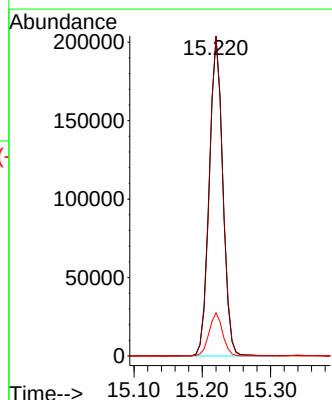
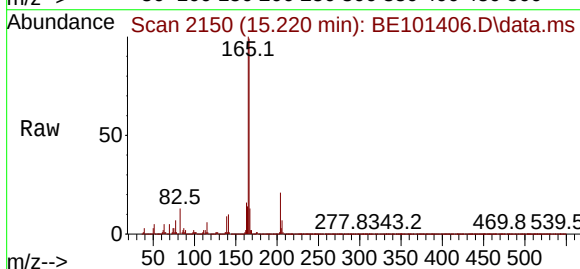
Tgt Ion:166 Resp: 281372

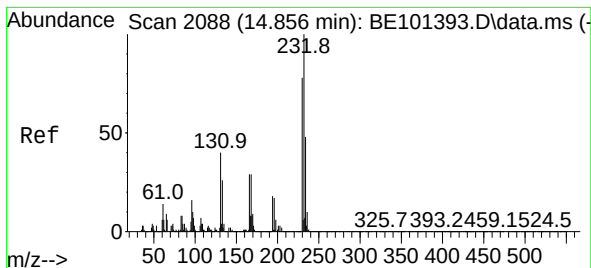
Ion Ratio Lower Upper

166 100

165 100.8 78.7 118.1

167 13.6 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 8.671 ng

RT: 14.850 min Scan# 2088

Delta R.T. -0.006 min

Lab File: BE101406.D

Acq: 29 Oct 2024 14:33

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion:232 Resp: 72547

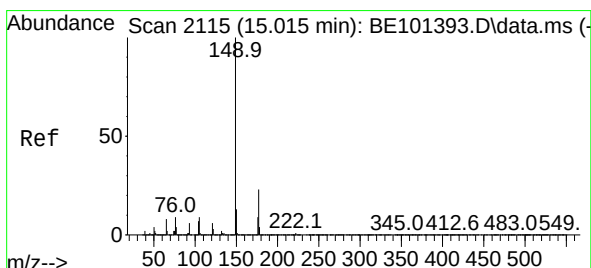
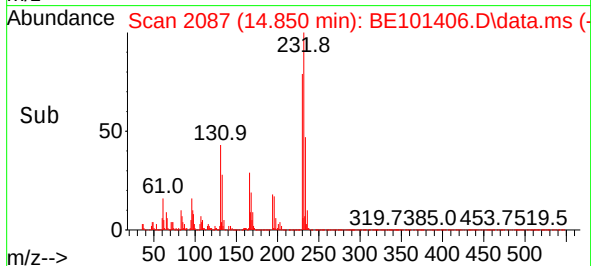
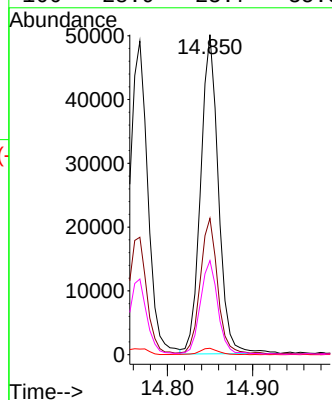
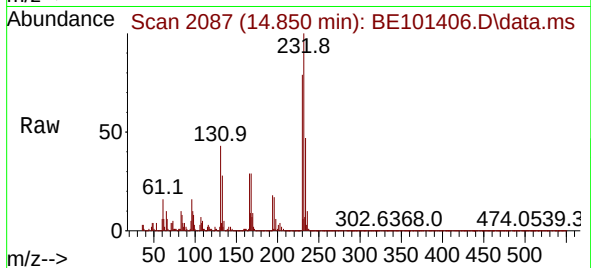
Ion Ratio Lower Upper

232 100

131 41.8 33.5 50.3

130 2.2 1.6 2.4

166 28.9 23.7 35.5



#60

Diethylphthalate

Concen: 8.785 ng

RT: 15.009 min Scan# 2114

Delta R.T. -0.006 min

Lab File: BE101406.D

Acq: 29 Oct 2024 14:33

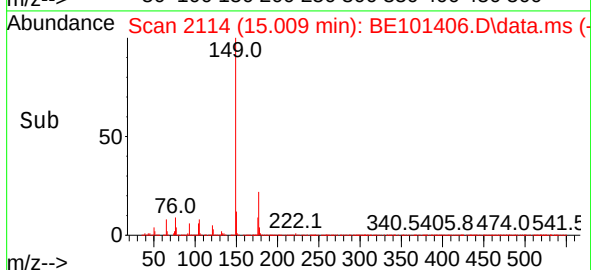
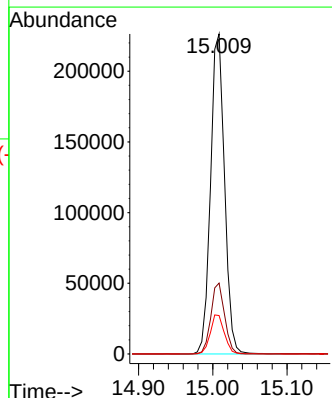
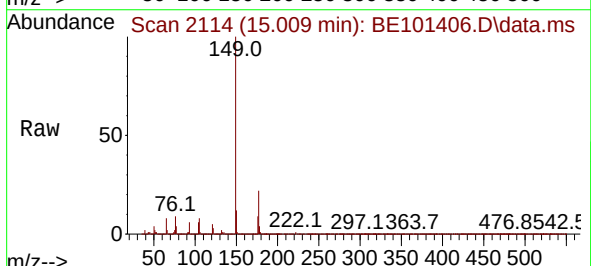
Tgt Ion:149 Resp: 296367

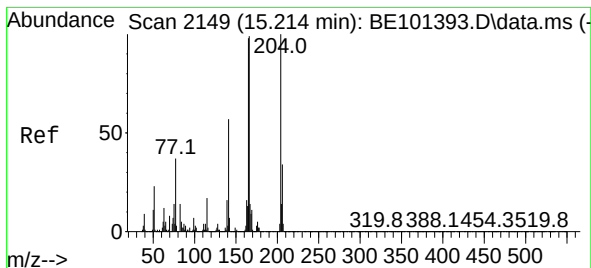
Ion Ratio Lower Upper

149 100

177 22.2 18.0 27.0

150 12.0 10.3 15.5

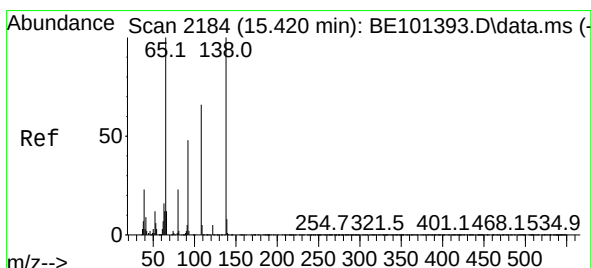
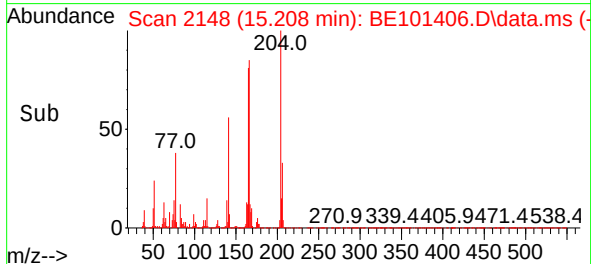
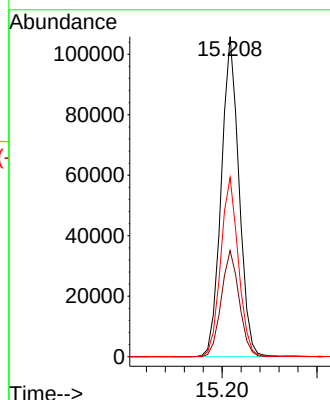
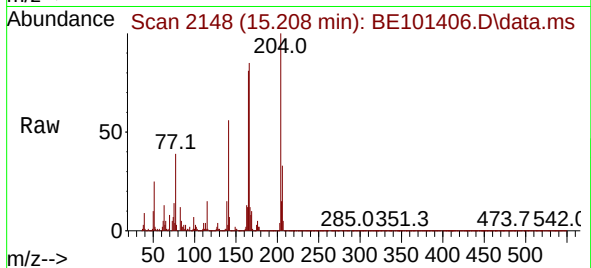




#61
4-Chlorophenyl-phenylether
Concen: 8.707 ng
RT: 15.208 min Scan# 2148
Delta R.T. -0.006 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33

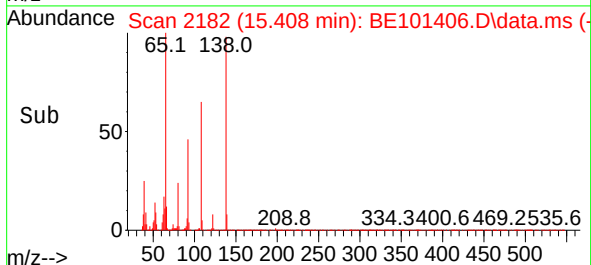
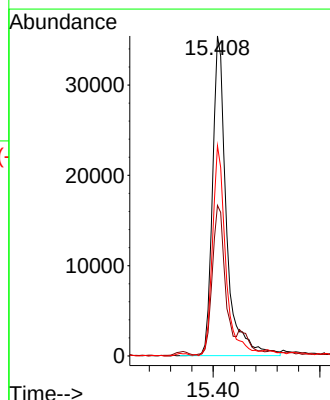
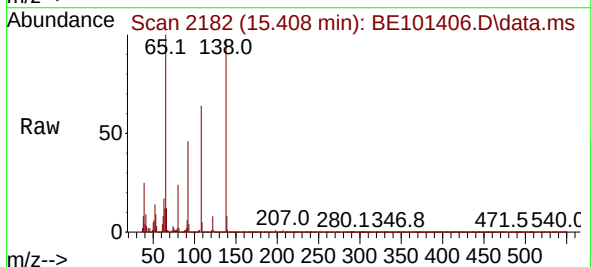
Instrument :
BNA_E
ClientSampleId :
LOQ-WATER-02-QT4-2024

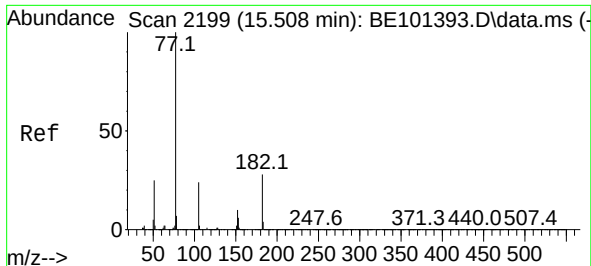
Tgt Ion:204 Resp: 137587
Ion Ratio Lower Upper
204 100
206 33.2 26.9 40.3
141 56.0 45.9 68.9



#62
4-Nitroaniline
Concen: 7.787 ng
RT: 15.408 min Scan# 2182
Delta R.T. -0.012 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33

Tgt Ion:138 Resp: 64159
Ion Ratio Lower Upper
138 100
92 47.1 28.7 68.7
108 65.7 46.5 86.5

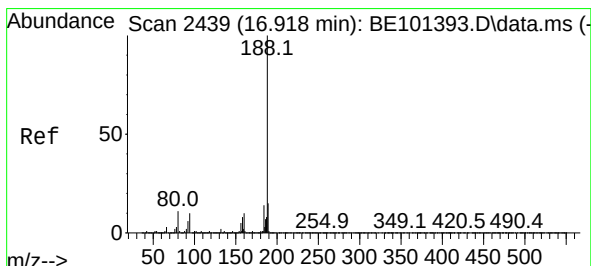
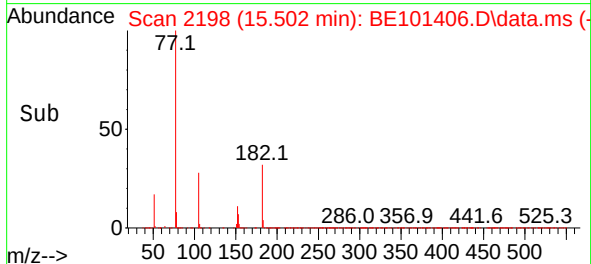
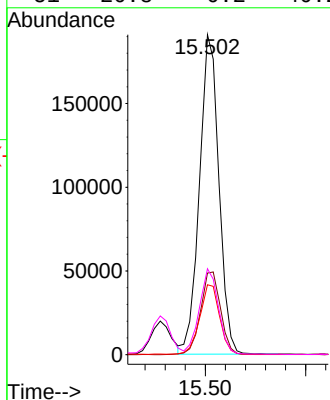
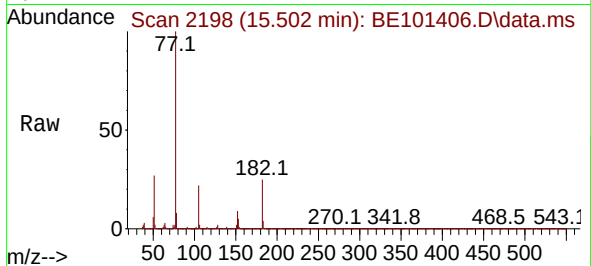




#63
Azobenzene
Concen: 8.871 ng
RT: 15.502 min Scan# 2199
Delta R.T. -0.006 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33

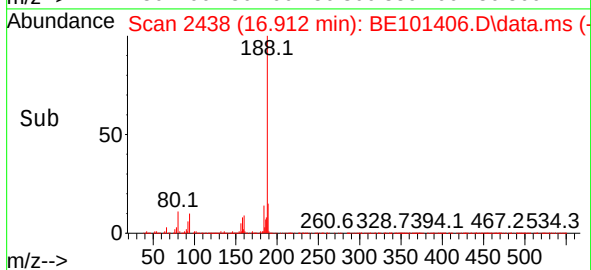
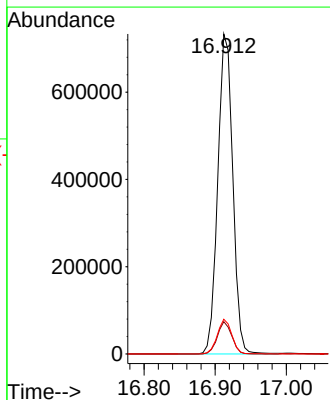
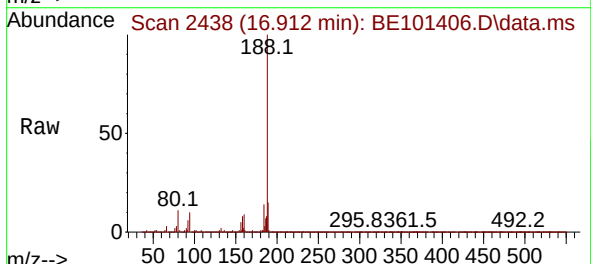
Instrument : BNA_E
ClientSampleId : LOQ-WATER-02-QT4-2024

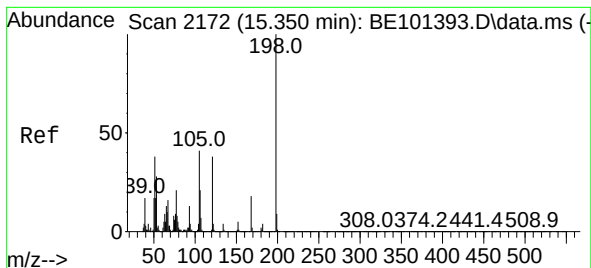
Tgt Ion: 77	Resp: 257254
Ion Ratio	Lower Upper
77 100	
182 25.5	7.6 47.6
105 21.9	3.2 43.2
51 26.8	6.2 46.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.912 min Scan# 2438
Delta R.T. -0.006 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33

Tgt Ion:188	Resp: 1069244		
Ion Ratio	Lower	Upper	
188 100			
94 10.1	7.8	11.8	
80 10.9	8.6	12.8	

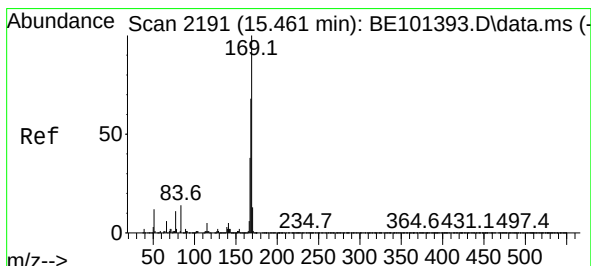
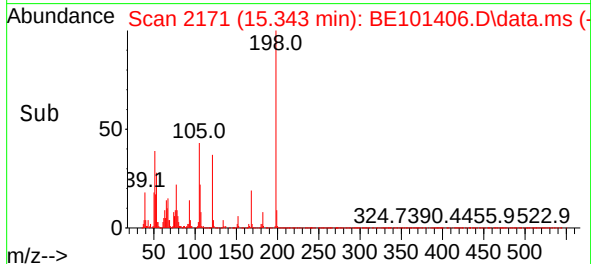
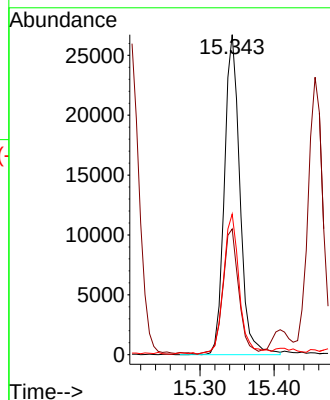
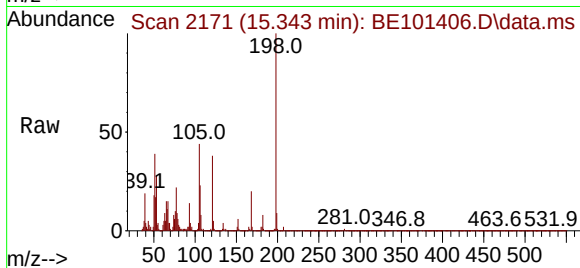




#65
4,6-Dinitro-2-methylphenol
Concen: 6.176 ng
RT: 15.343 min Scan# 2172
Delta R.T. -0.007 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33

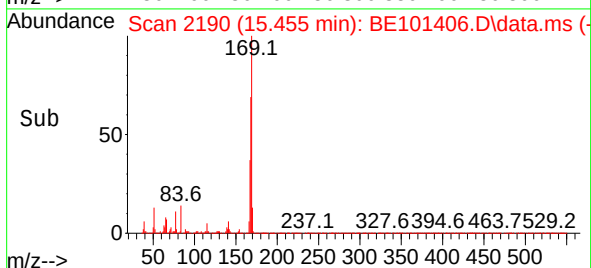
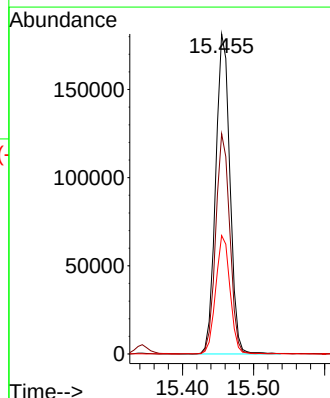
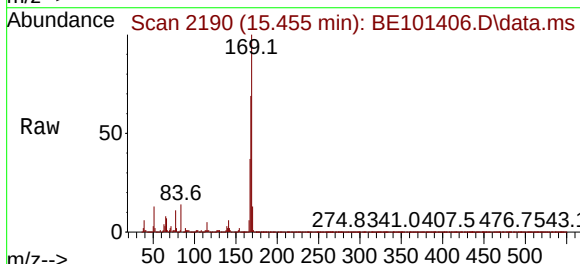
Instrument : BNA_E
ClientSampleId : LOQ-WATER-02-QT4-2024

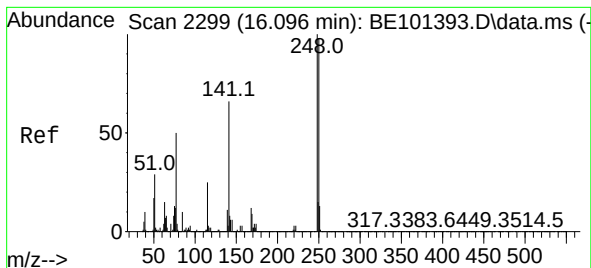
Tgt Ion:198 Resp: 38805
Ion Ratio Lower Upper
198 100
51 39.3 18.2 58.2
105 44.0 21.5 61.5



#66
n-Nitrosodiphenylamine
Concen: 8.880 ng
RT: 15.455 min Scan# 2190
Delta R.T. -0.006 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33

Tgt Ion:169 Resp: 251796
Ion Ratio Lower Upper
169 100
168 68.8 54.5 81.7
167 37.0 30.4 45.6





#67

4-Bromophenyl-phenylether

Concen: 8.361 ng

RT: 16.095 min Scan# 2299

Delta R.T. -0.000 min

Lab File: BE101406.D

Acq: 29 Oct 2024 14:33

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT4-2024

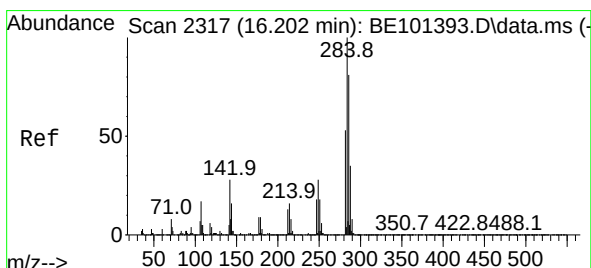
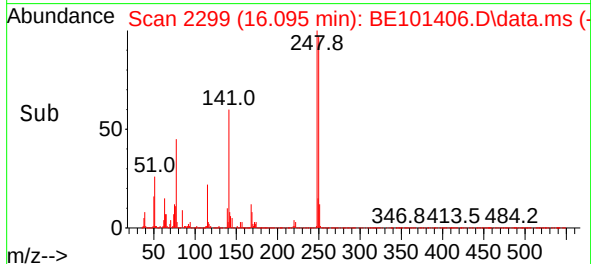
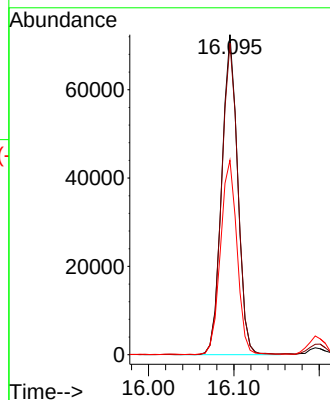
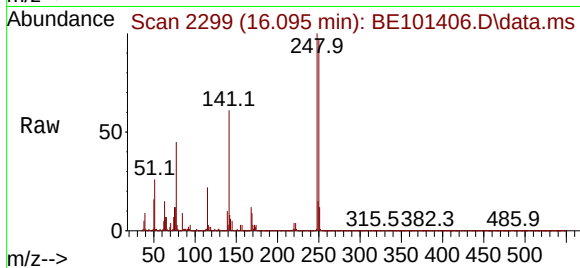
Tgt Ion:248 Resp: 94040

Ion Ratio Lower Upper

248 100

250 97.3 78.2 117.2

141 60.8 53.0 79.4



#68

Hexachlorobenzene

Concen: 8.269 ng

RT: 16.201 min Scan# 2317

Delta R.T. -0.001 min

Lab File: BE101406.D

Acq: 29 Oct 2024 14:33

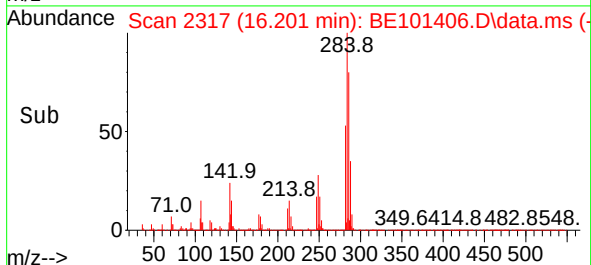
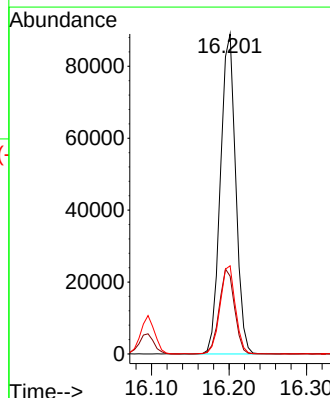
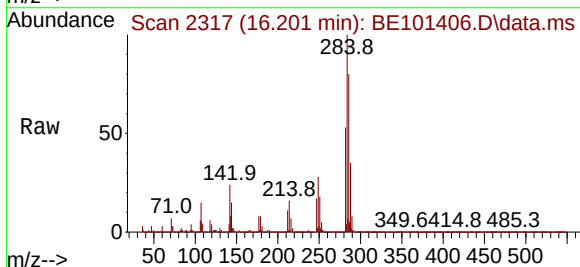
Tgt Ion:284 Resp: 121912

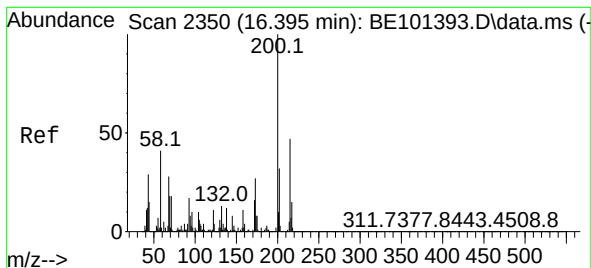
Ion Ratio Lower Upper

284 100

142 24.3 22.2 33.2

249 27.6 22.8 34.2





#69

Atrazine

Concen: 10.336 ng

RT: 16.389 min Scan# 2349

Delta R.T. -0.006 min

Lab File: BE101406.D

Acq: 29 Oct 2024 14:33

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT4-2024

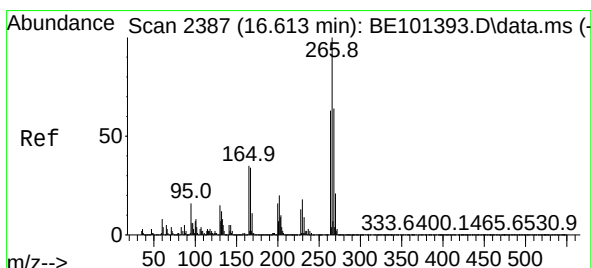
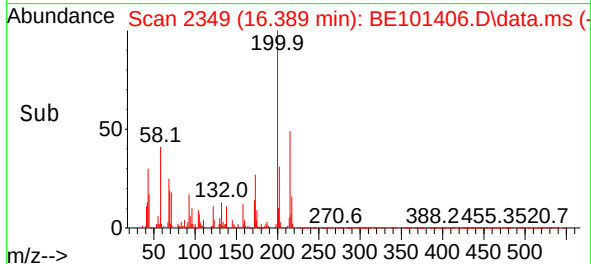
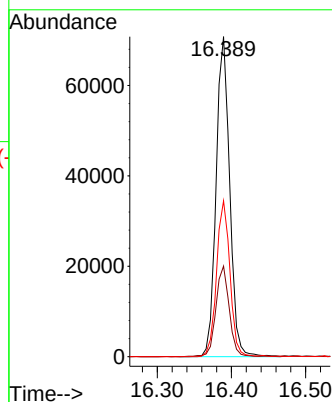
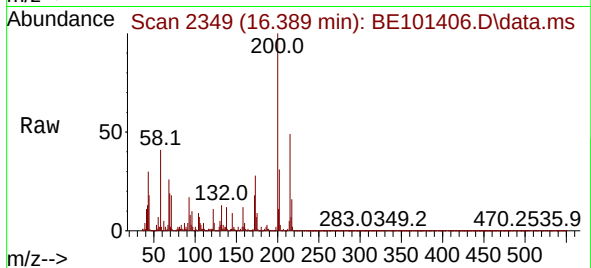
Tgt Ion:200 Resp: 89855

Ion Ratio Lower Upper

200 100

173 28.3 7.0 47.0

215 48.7 27.3 67.3



#70

Pentachlorophenol

Concen: 6.967 ng

RT: 16.607 min Scan# 2386

Delta R.T. -0.006 min

Lab File: BE101406.D

Acq: 29 Oct 2024 14:33

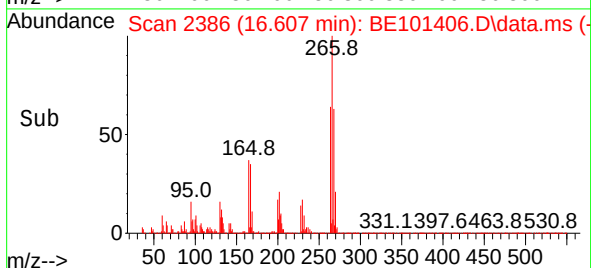
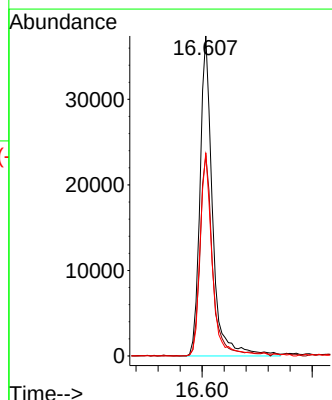
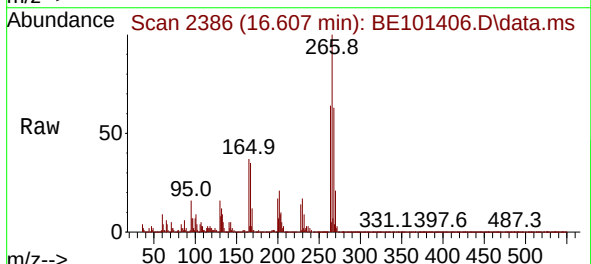
Tgt Ion:266 Resp: 59125

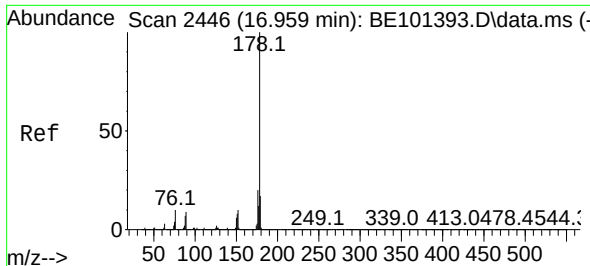
Ion Ratio Lower Upper

266 100

268 67.1 51.5 77.3

264 63.5 50.7 76.1

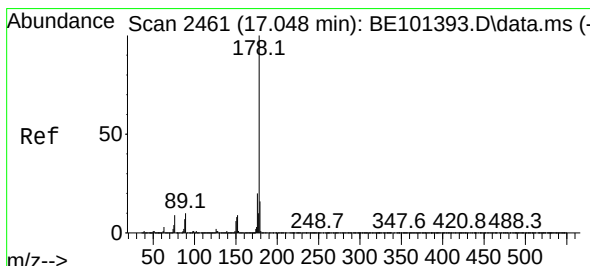
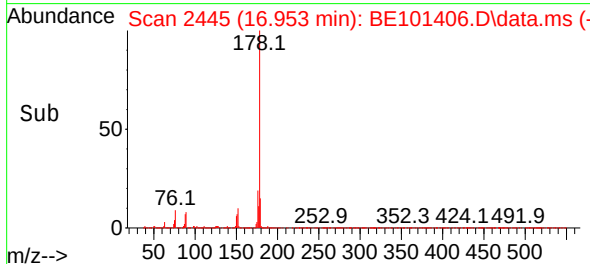
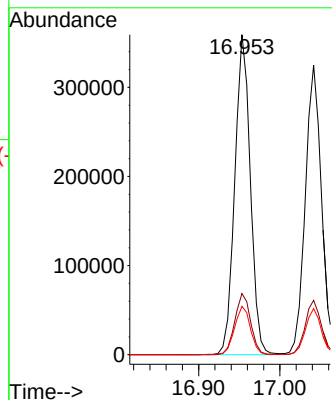
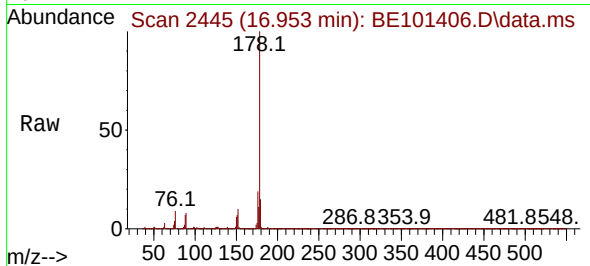




#71
Phenanthrene
Concen: 9.304 ng
RT: 16.953 min Scan# 2445
Delta R.T. -0.006 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33

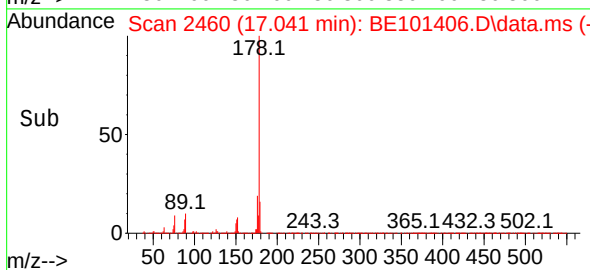
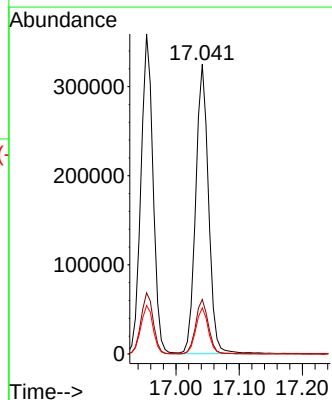
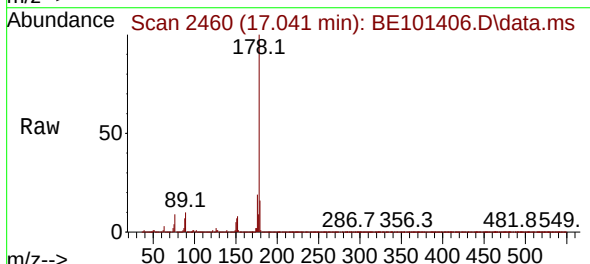
Instrument : BNA_E
ClientSampleId : LOQ-WATER-02-QT4-2024

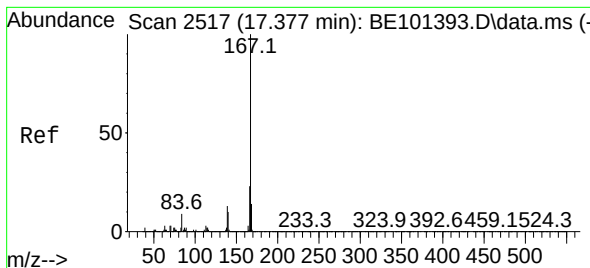
Tgt Ion:178 Resp: 476291
Ion Ratio Lower Upper
178 100
176 19.1 16.4 24.6
179 15.1 13.2 19.8



#72
Anthracene
Concen: 9.114 ng
RT: 17.041 min Scan# 2460
Delta R.T. -0.006 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33

Tgt Ion:178 Resp: 455592
Ion Ratio Lower Upper
178 100
176 18.8 15.9 23.9
179 15.9 13.1 19.7





#73

Carbazole

Concen: 8.736 ng

RT: 17.370 min Scan# 2517

Delta R.T. -0.006 min

Lab File: BE101406.D

Acq: 29 Oct 2024 14:33

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT4-2024

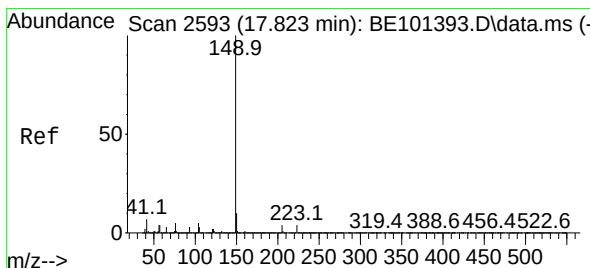
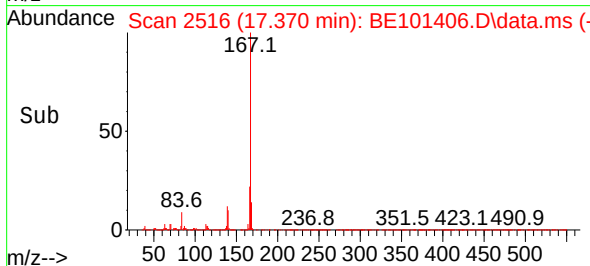
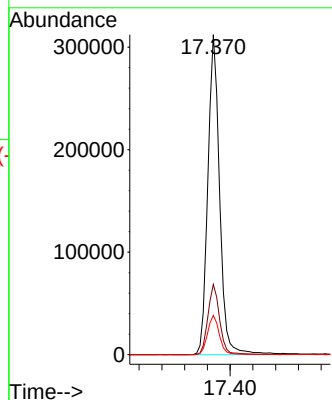
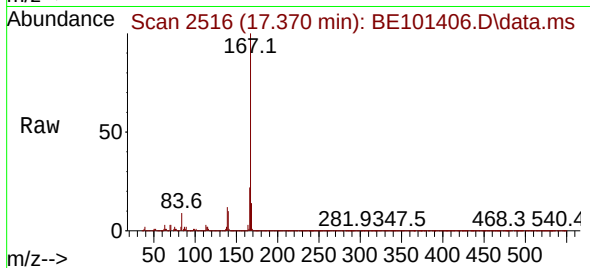
Tgt Ion:167 Resp: 446834

Ion Ratio Lower Upper

167 100

166 21.9 18.3 27.5

139 12.2 10.8 16.2



#74

Di-n-butylphthalate

Concen: 8.910 ng

RT: 17.823 min Scan# 2593

Delta R.T. -0.000 min

Lab File: BE101406.D

Acq: 29 Oct 2024 14:33

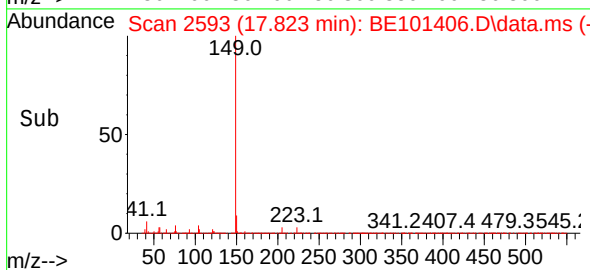
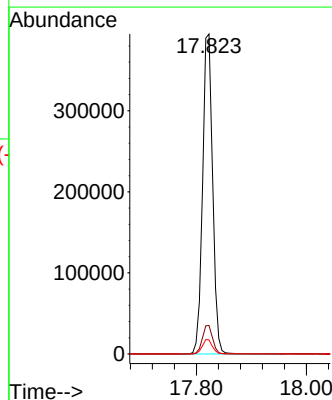
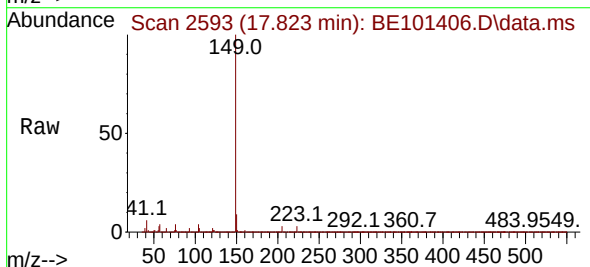
Tgt Ion:149 Resp: 501706

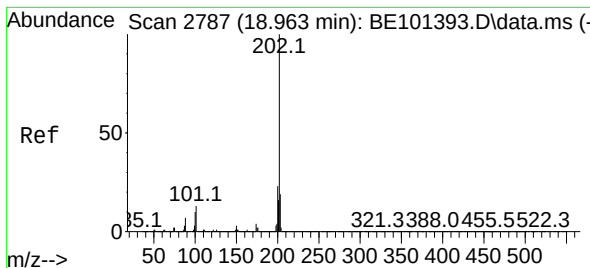
Ion Ratio Lower Upper

149 100

150 8.9 8.2 12.4

104 4.4 3.9 5.9





#75

Fluoranthene

Concen: 9.050 ng

RT: 18.957 min Scan# 21

Delta R.T. -0.006 min

Lab File: BE101406.D

Acq: 29 Oct 2024 14:33

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT4-2024

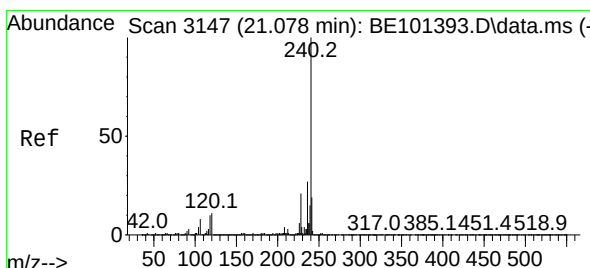
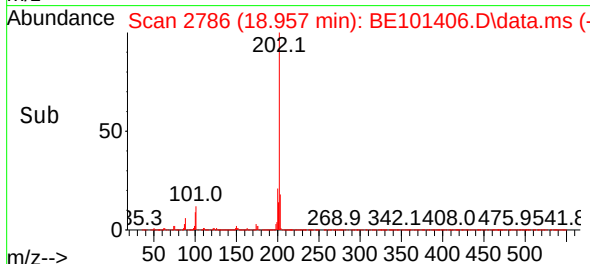
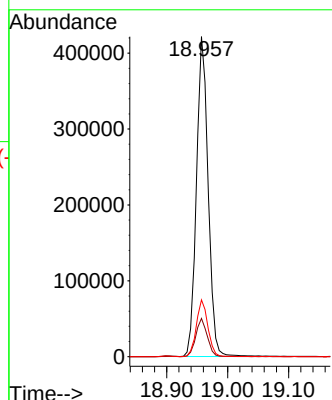
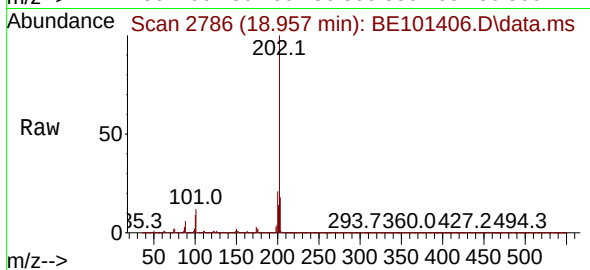
Tgt Ion:202 Resp: 562713

Ion Ratio Lower Upper

202 100

101 11.9 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. -0.006 min

Lab File: BE101406.D

Acq: 29 Oct 2024 14:33

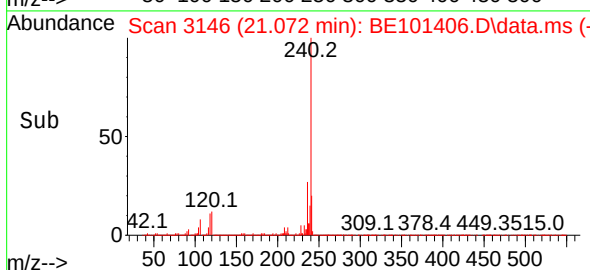
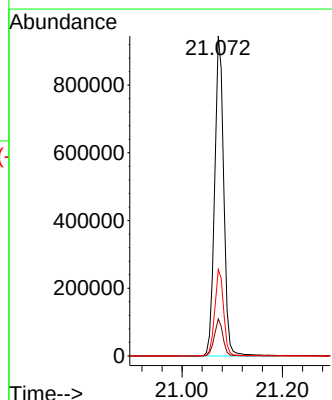
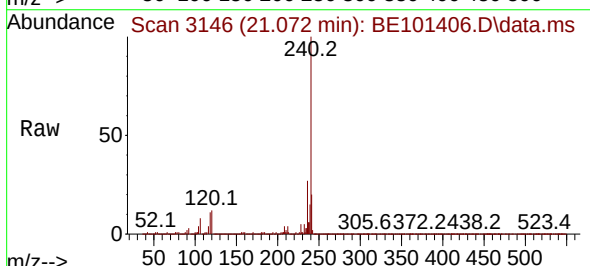
Tgt Ion:240 Resp: 1187153

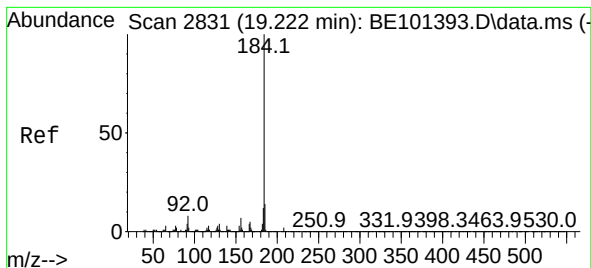
Ion Ratio Lower Upper

240 100

120 11.6 9.0 13.4

236 27.0 21.4 32.0





#77

Benzidine

Concen: 12.751 ng

RT: 19.215 min Scan# 2830

Delta R.T. -0.006 min

Lab File: BE101406.D

Acq: 29 Oct 2024 14:33

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT4-2024

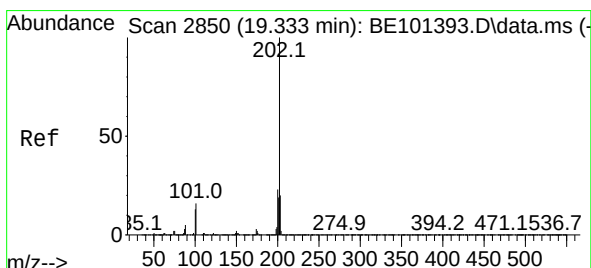
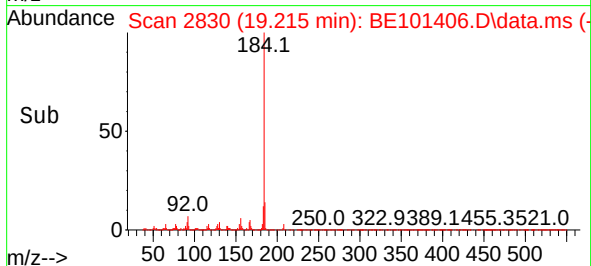
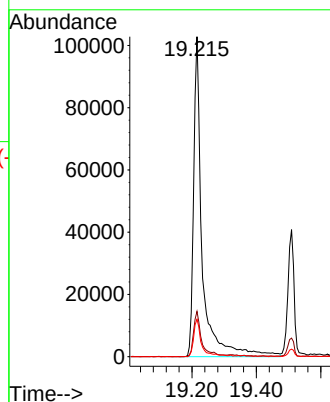
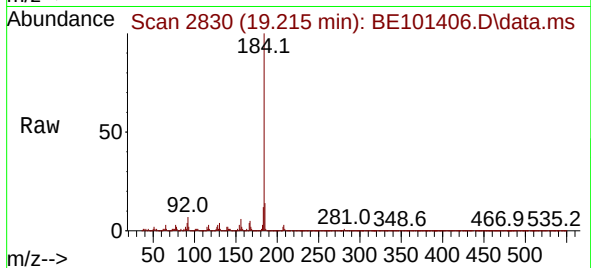
Tgt Ion:184 Resp: 192116

Ion Ratio Lower Upper

184 100

185 14.2 11.5 17.3

183 11.7 9.3 13.9



#78

Pyrene

Concen: 9.386 ng

RT: 19.327 min Scan# 2849

Delta R.T. -0.006 min

Lab File: BE101406.D

Acq: 29 Oct 2024 14:33

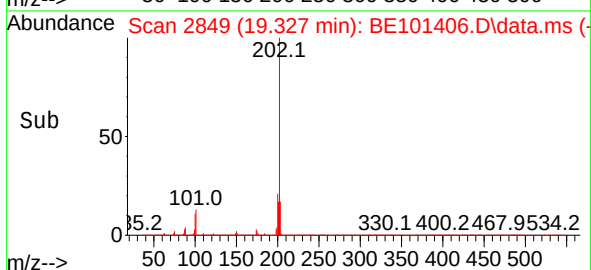
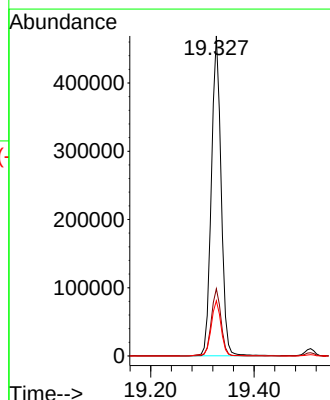
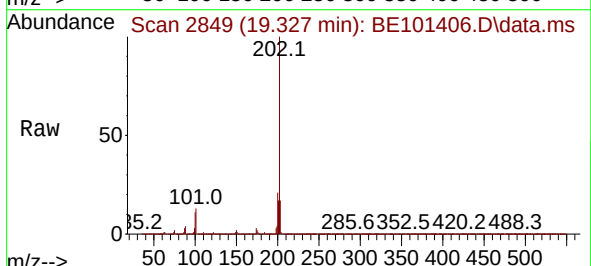
Tgt Ion:202 Resp: 612759

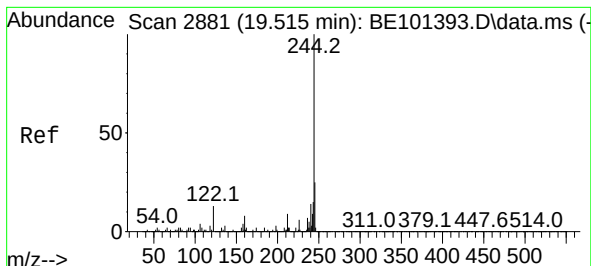
Ion Ratio Lower Upper

202 100

200 21.0 18.6 28.0

203 17.2 15.6 23.4





#79

Terphenyl-d14

Concen: 70.015 ng

RT: 19.509 min Scan# 2881

Delta R.T. -0.006 min

Lab File: BE101406.D

Acq: 29 Oct 2024 14:33

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT4-2024

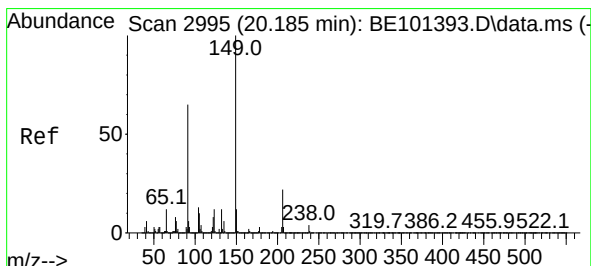
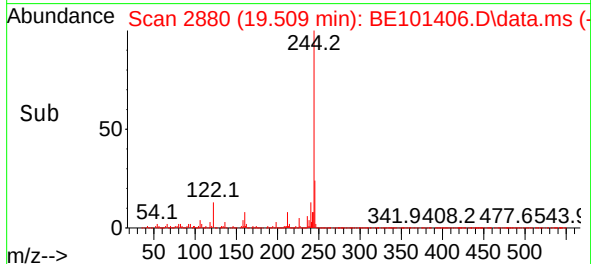
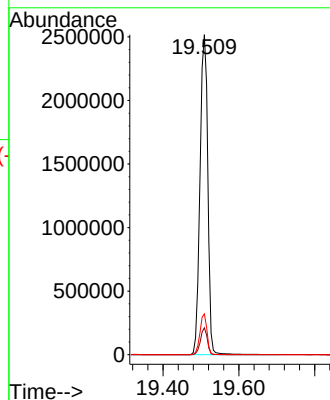
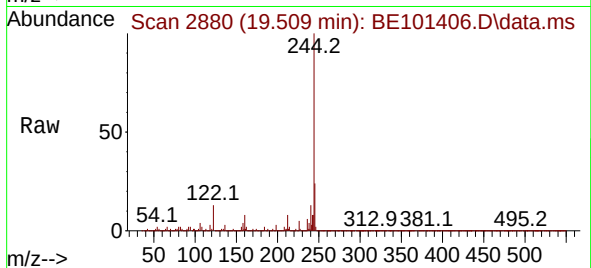
Tgt Ion:244 Resp: 3611396

Ion Ratio Lower Upper

244 100

212 8.4 7.2 10.8

122 12.7 10.4 15.6



#80

Butylbenzylphthalate

Concen: 8.788 ng

RT: 20.179 min Scan# 2994

Delta R.T. -0.006 min

Lab File: BE101406.D

Acq: 29 Oct 2024 14:33

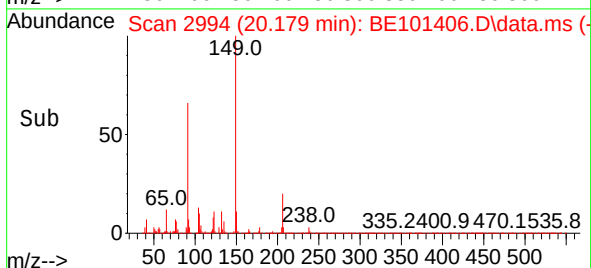
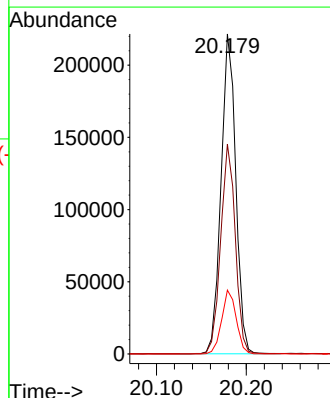
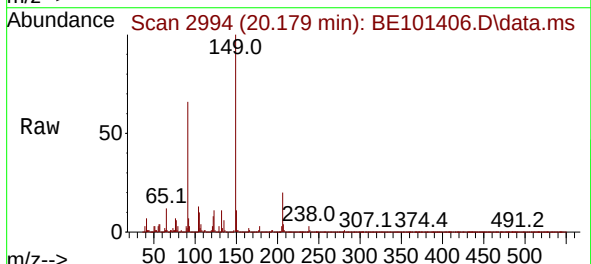
Tgt Ion:149 Resp: 251505

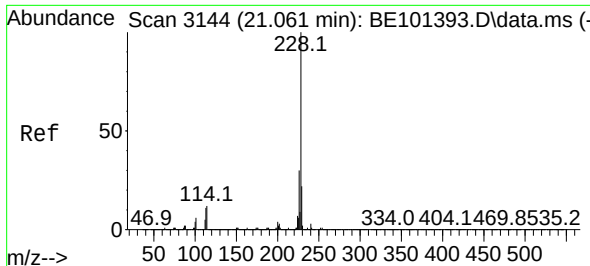
Ion Ratio Lower Upper

149 100

91 65.6 51.8 77.8

206 19.9 17.4 26.2

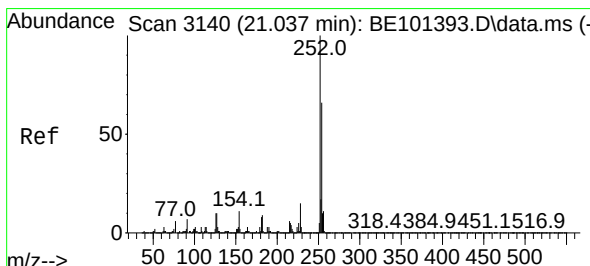
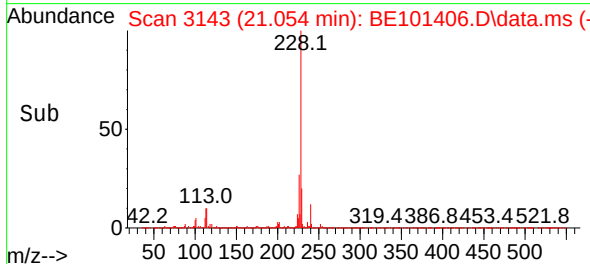
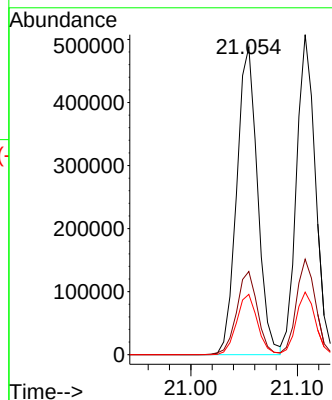
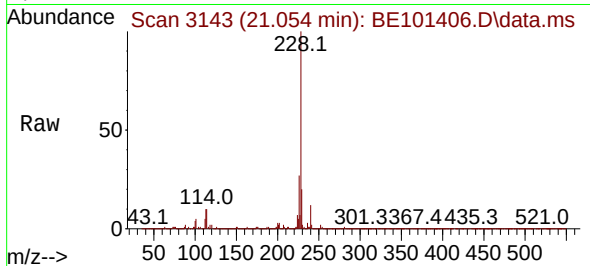




#81
Benzo(a)anthracene
Concen: 9.913 ng
RT: 21.054 min Scan# 3143
Delta R.T. -0.006 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33

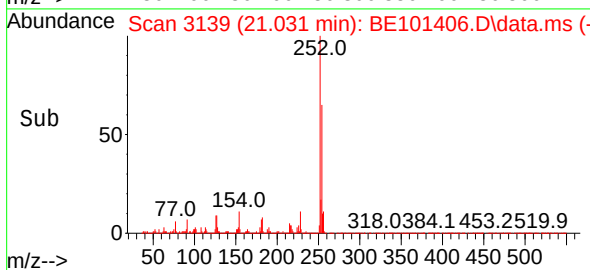
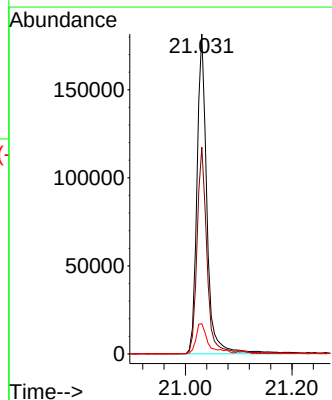
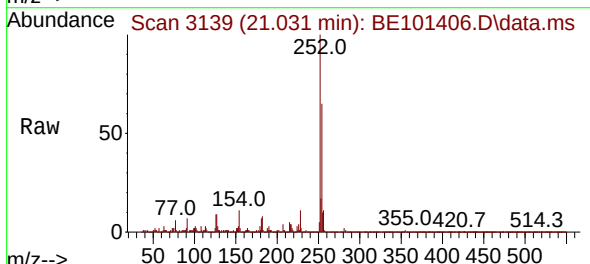
Instrument :
BNA_E
ClientSampleId :
LOQ-WATER-02-QT4-2024

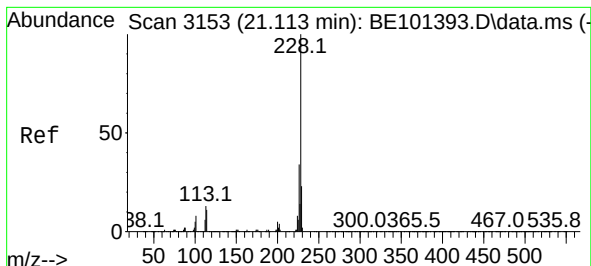
Tgt Ion:228 Resp: 661478
Ion Ratio Lower Upper
228 100
226 27.1 24.1 36.1
229 19.6 17.3 25.9



#82
3,3'-Dichlorobenzidine
Concen: 8.959 ng
RT: 21.031 min Scan# 3139
Delta R.T. -0.006 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33

Tgt Ion:252 Resp: 234164
Ion Ratio Lower Upper
252 100
254 64.6 52.6 78.8
126 9.5 7.7 11.5





#83

Chrysene

Concen: 9.848 ng

RT: 21.107 min Scan# 3153

Delta R.T. -0.006 min

Lab File: BE101406.D

Acq: 29 Oct 2024 14:33

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT4-2024

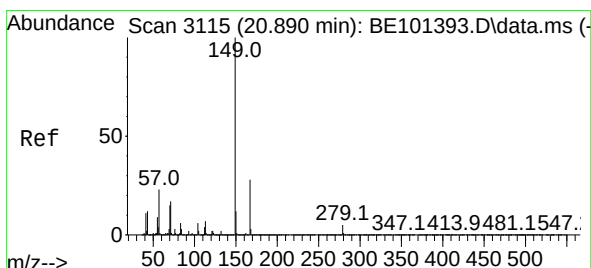
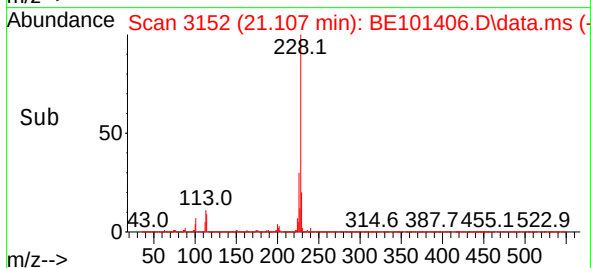
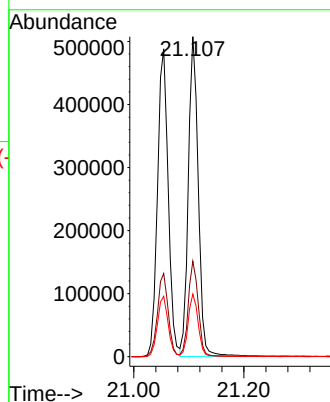
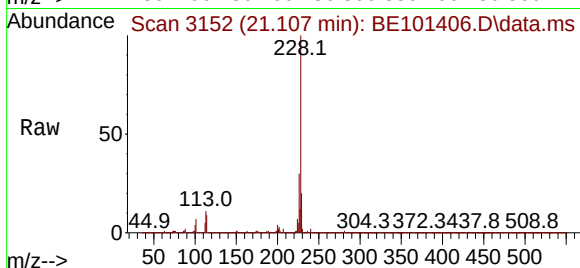
Tgt Ion:228 Resp: 635316

Ion Ratio Lower Upper

228 100

226 29.8 27.2 40.8

229 19.6 18.0 27.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 8.699 ng

RT: 20.884 min Scan# 3114

Delta R.T. -0.006 min

Lab File: BE101406.D

Acq: 29 Oct 2024 14:33

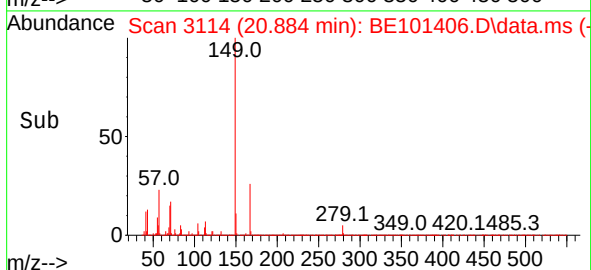
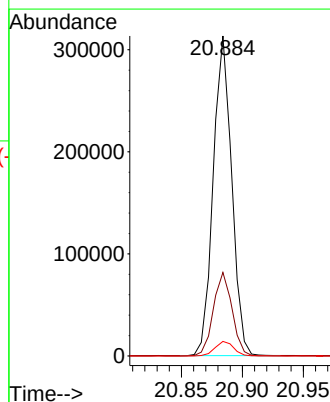
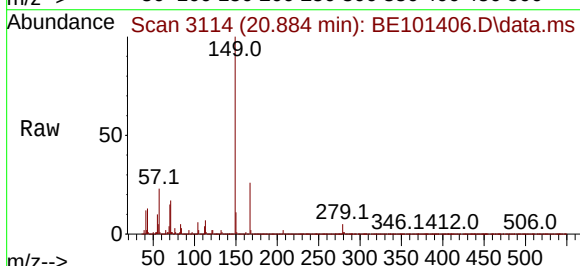
Tgt Ion:149 Resp: 330739

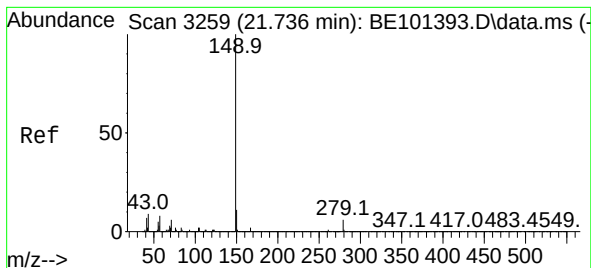
Ion Ratio Lower Upper

149 100

167 26.1 22.7 34.1

279 4.6 4.3 6.5





#85

Di-n-octyl phthalate

Concen: 9.237 ng

RT: 21.730 min Scan# 31

Delta R.T. -0.006 min

Lab File: BE101406.D

Acq: 29 Oct 2024 14:33

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT4-2024

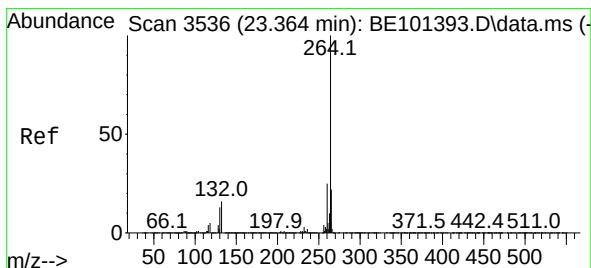
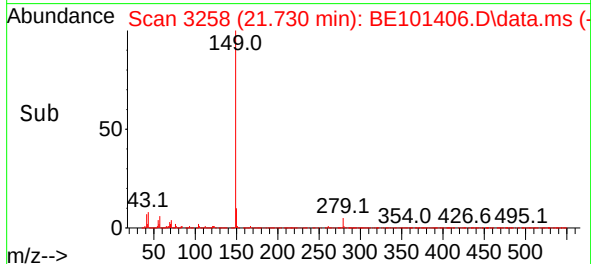
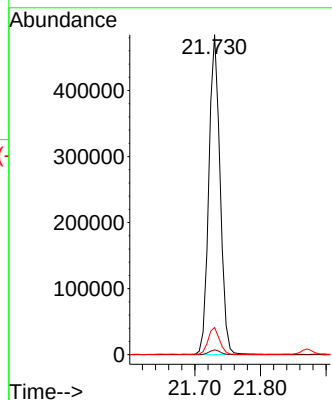
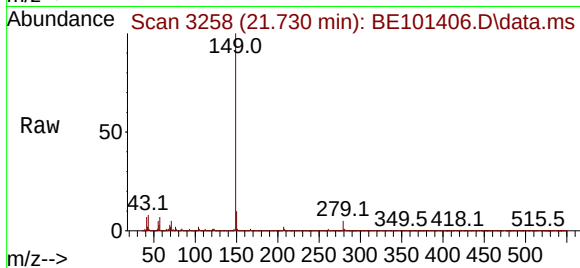
Tgt Ion:149 Resp: 576384

Ion Ratio Lower Upper

149 100

167 1.5 1.4 2.0

43 8.7 7.0 10.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.358 min Scan# 3535

Delta R.T. -0.006 min

Lab File: BE101406.D

Acq: 29 Oct 2024 14:33

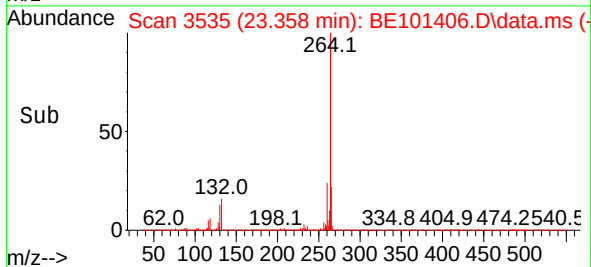
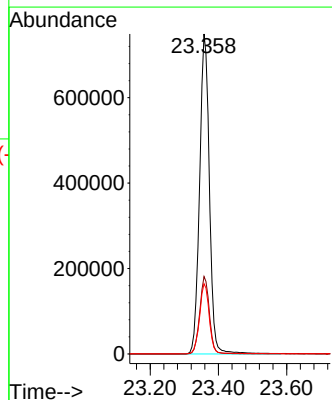
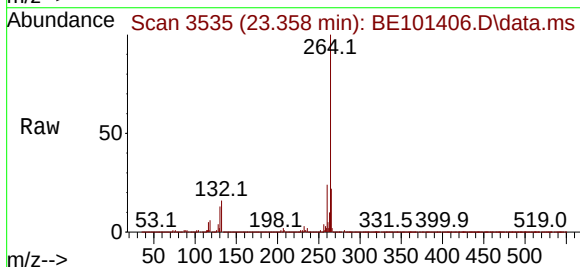
Tgt Ion:264 Resp: 1494432

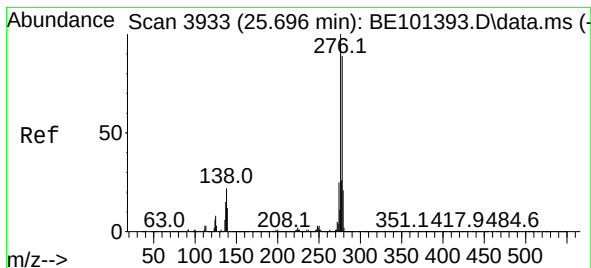
Ion Ratio Lower Upper

264 100

260 24.2 19.8 29.8

265 21.9 17.6 26.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 9.116 ng

RT: 25.667 min Scan# 3928

Delta R.T. -0.030 min

Lab File: BE101406.D

Acq: 29 Oct 2024 14:33

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT4-2024

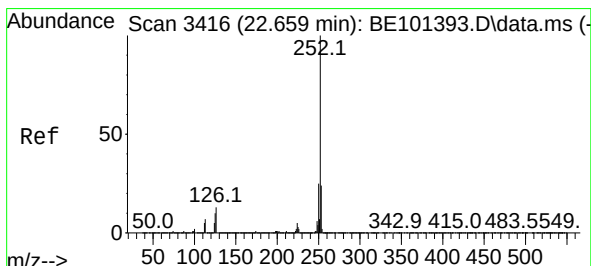
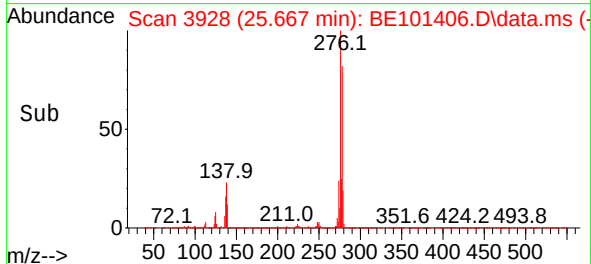
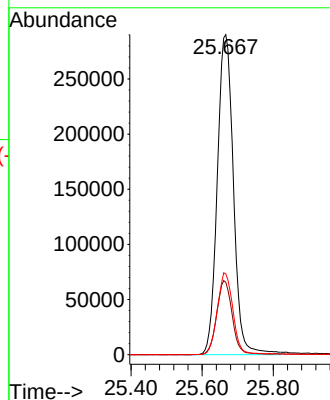
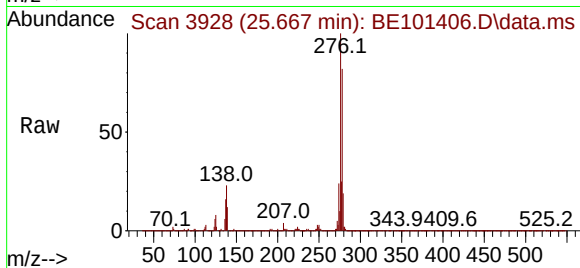
Tgt Ion:276 Resp: 911697

Ion Ratio Lower Upper

276 100

138 22.2 17.8 26.8

277 24.8 20.5 30.7



#88

Benzo(b)fluoranthene

Concen: 9.127 ng

RT: 22.647 min Scan# 3414

Delta R.T. -0.012 min

Lab File: BE101406.D

Acq: 29 Oct 2024 14:33

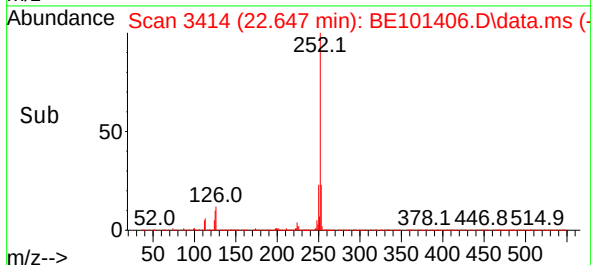
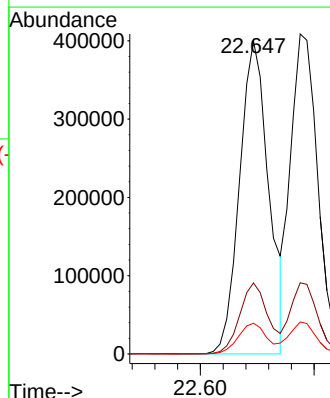
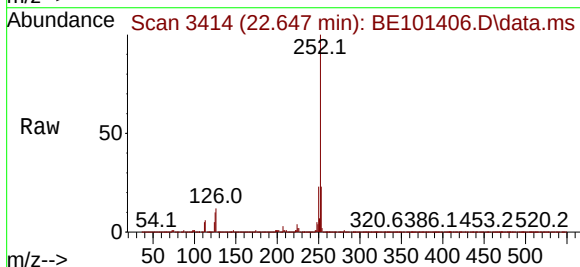
Tgt Ion:252 Resp: 710793

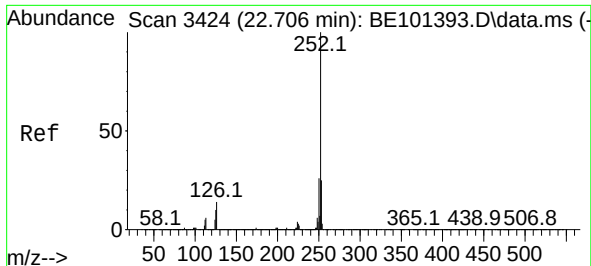
Ion Ratio Lower Upper

252 100

253 22.7 19.0 28.6

125 9.8 8.2 12.2

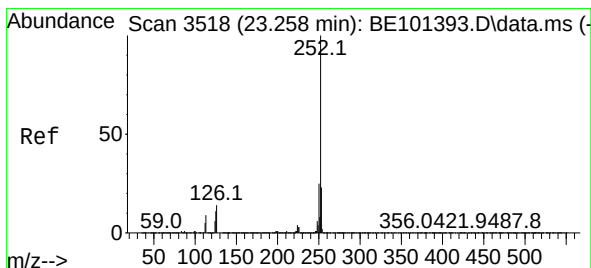
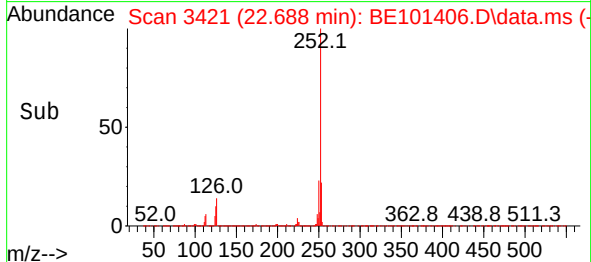
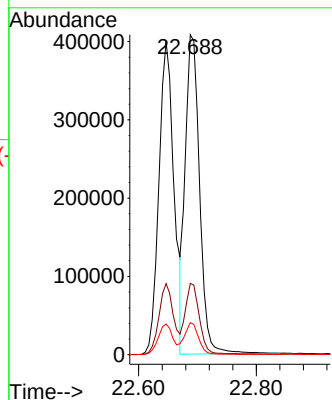
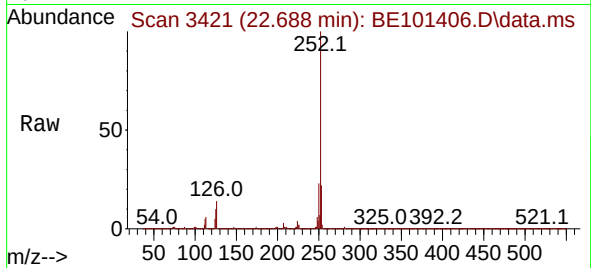




#89
Benzo(k)fluoranthene
Concen: 9.498 ng
RT: 22.688 min Scan# 3424
Delta R.T. -0.018 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33

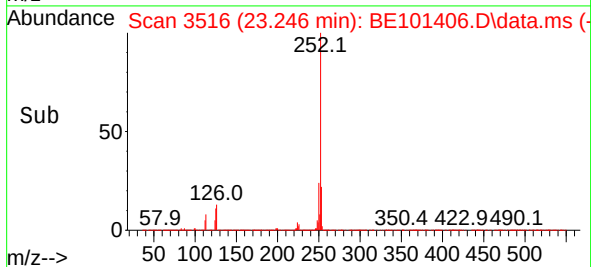
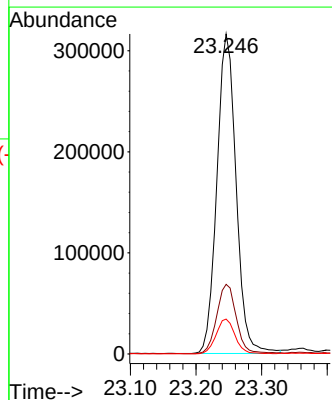
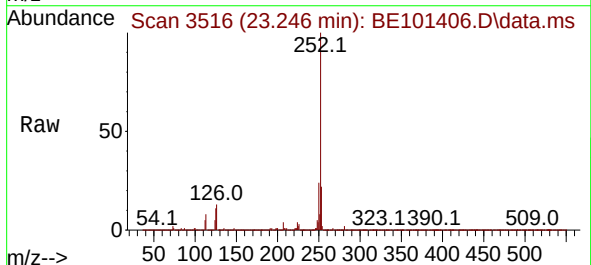
Instrument :
BNA_E
ClientSampleId :
LOQ-WATER-02-QT4-2024

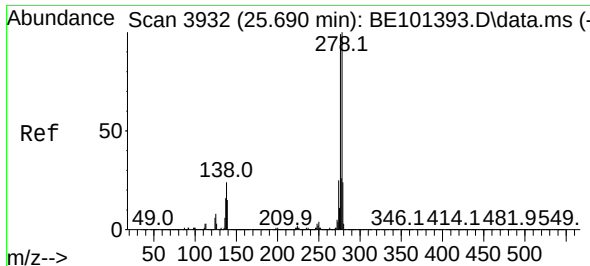
Tgt Ion:252 Resp: 691089
Ion Ratio Lower Upper
252 100
253 22.3 19.4 29.2
125 10.0 8.2 12.2



#90
Benzo(a)pyrene
Concen: 9.411 ng
RT: 23.246 min Scan# 3516
Delta R.T. -0.012 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33

Tgt Ion:252 Resp: 641003
Ion Ratio Lower Upper
252 100
253 21.8 18.4 27.6
125 10.9 9.0 13.6

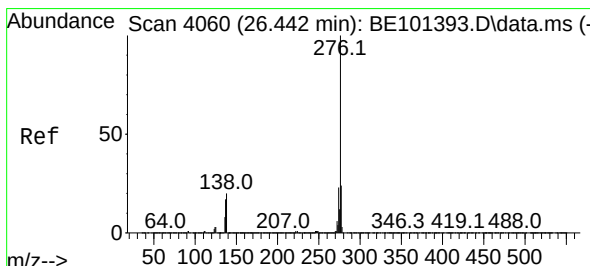
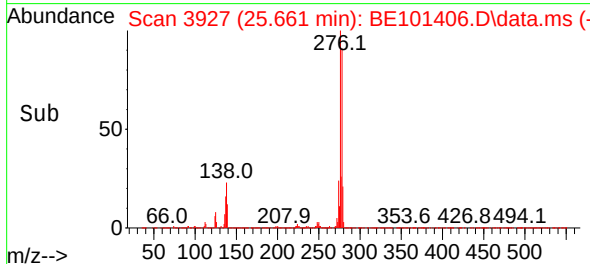
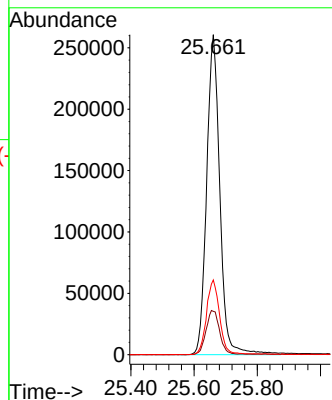
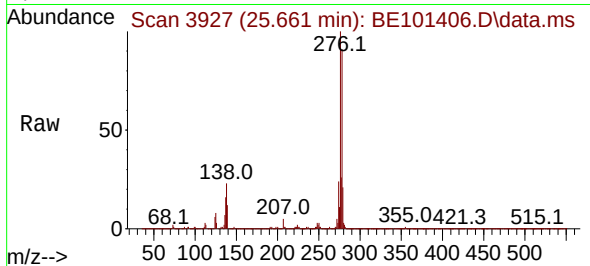




#91
Dibenzo(a,h)anthracene
Concen: 9.129 ng
RT: 25.661 min Scan# 3932
Delta R.T. -0.030 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33

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

Tgt Ion: 278 Resp: 754403
Ion Ratio Lower Upper
278 100
139 13.5 11.9 17.9
279 23.3 19.3 28.9



#92
Benzo(g,h,i)perylene
Concen: 8.160 ng
RT: 26.413 min Scan# 4055
Delta R.T. -0.030 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33

Tgt Ion: 276 Resp: 694814
Ion Ratio Lower Upper
276 100
277 23.4 19.4 29.2
138 18.4 15.8 23.6

