

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE102924\
 Data File : BE101408.D
 Acq On : 29 Oct 2024 15:44
 Operator : RC/JU
 Sample : P4368-08
 Misc : LOQ-WATER-5 PPM
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Oct 29 16:41:08 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	7.571	152	131003	20.000	ng	0.00
21) Naphthalene-d8	10.338	136	614589	20.000	ng	0.00
39) Acenaphthene-d10	14.181	164	439329	20.000	ng	0.00
64) Phenanthrene-d10	16.913	188	1030768	20.000	ng	0.00
76) Chrysene-d12	21.072	240	1220074	20.000	ng	0.00
86) Perylene-d12	23.358	264	1558923	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.314	112	749503	100.275	ng	0.00
7) Phenol-d6	6.942	99	1028185	99.206	ng	0.00
23) Nitrobenzene-d5	8.781	82	717723	73.349	ng	0.00
42) 2,4,6-Tribromophenol	15.685	330	810531	105.263	ng	0.00
45) 2-Fluorobiphenyl	12.800	172	1967944	75.861	ng	0.00
79) Terphenyl-d14	19.510	244	3597958	67.872	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.229	88	11938	4.282	ng	91
4) n-Nitrosodimethylamine	3.640	42	7237	2.371	ng	# 75
6) Aniline	7.018	93	52913	6.662	ng	99
8) 2-Chlorophenol	7.212	128	40091	4.472	ng	95
9) Benzaldehyde	6.789	77	28640	5.724	ng	94
10) Phenol	6.971	94	42987	3.823	ng	94
11) bis(2-Chloroethyl)ether	7.018	93	52913	5.736	ng	# 31
12) 1,3-Dichlorobenzene	7.459	146	42338	4.380	ng	97
13) 1,4-Dichlorobenzene	7.606	146	43513	4.408	ng	99
14) 1,2-Dichlorobenzene	7.935	146	42379	4.386	ng	97
15) Benzyl Alcohol	7.917	79	30334	4.910	ng	# 87
16) 2,2'-oxybis(1-Chloropr...	8.070	45	53987	4.650	ng	98
17) 2-Methylphenol	8.152	107	29217	3.839	ng	98
18) Hexachloroethane	8.628	117	13399	4.156	ng	96
19) n-Nitroso-di-n-propyla...	8.376	70	27441	3.990	ng	# 98
20) 3+4-Methylphenols	8.493	107	38961	3.708	ng	98
22) Acetophenone	8.428	105	60166	4.311	ng	# 98
24) Nitrobenzene	8.822	77	46428	4.458	ng	96
25) Isophorone	9.274	82	77407	4.054	ng	99
26) 2-Nitrophenol	9.509	139	17918	3.560	ng	91
27) 2,4-Dimethylphenol	9.627	122	21839	3.448	ng	98
28) bis(2-Chloroethoxy)met...	9.780	93	49726	4.294	ng	98
29) 2,4-Dichlorophenol	10.062	162	33296	3.800	ng	97
30) 1,2,4-Trichlorobenzene	10.185	180	40214	4.213	ng	98
31) Naphthalene	10.385	128	136869	4.370	ng	98
32) Benzoic acid	9.827	122	2525	8.537	ng	# 76
33) 4-Chloroaniline	10.620	127	49106	4.509	ng	99
34) Hexachlorobutadiene	10.638	225	23573	4.172	ng	97
35) Caprolactam	11.401	113	9501	2.829	ng	97
36) 4-Chloro-3-methylphenol	11.783	107	36846	3.693	ng	99
37) 2-Methylnaphthalene	11.977	142	96449	4.275	ng	99
38) 1-Methylnaphthalene	12.200	142	90218	4.006	ng	97
40) 1,2,4,5-Tetrachloroben...	12.336	216	48690	4.415	ng	100
41) Hexachlorocyclopentadiene	12.318	237	13185	3.620	ng	97
43) 2,4,6-Trichlorophenol	12.653	196	28844	3.794	ng	96
44) 2,4,5-Trichlorophenol	12.753	196	33240	3.818	ng	98

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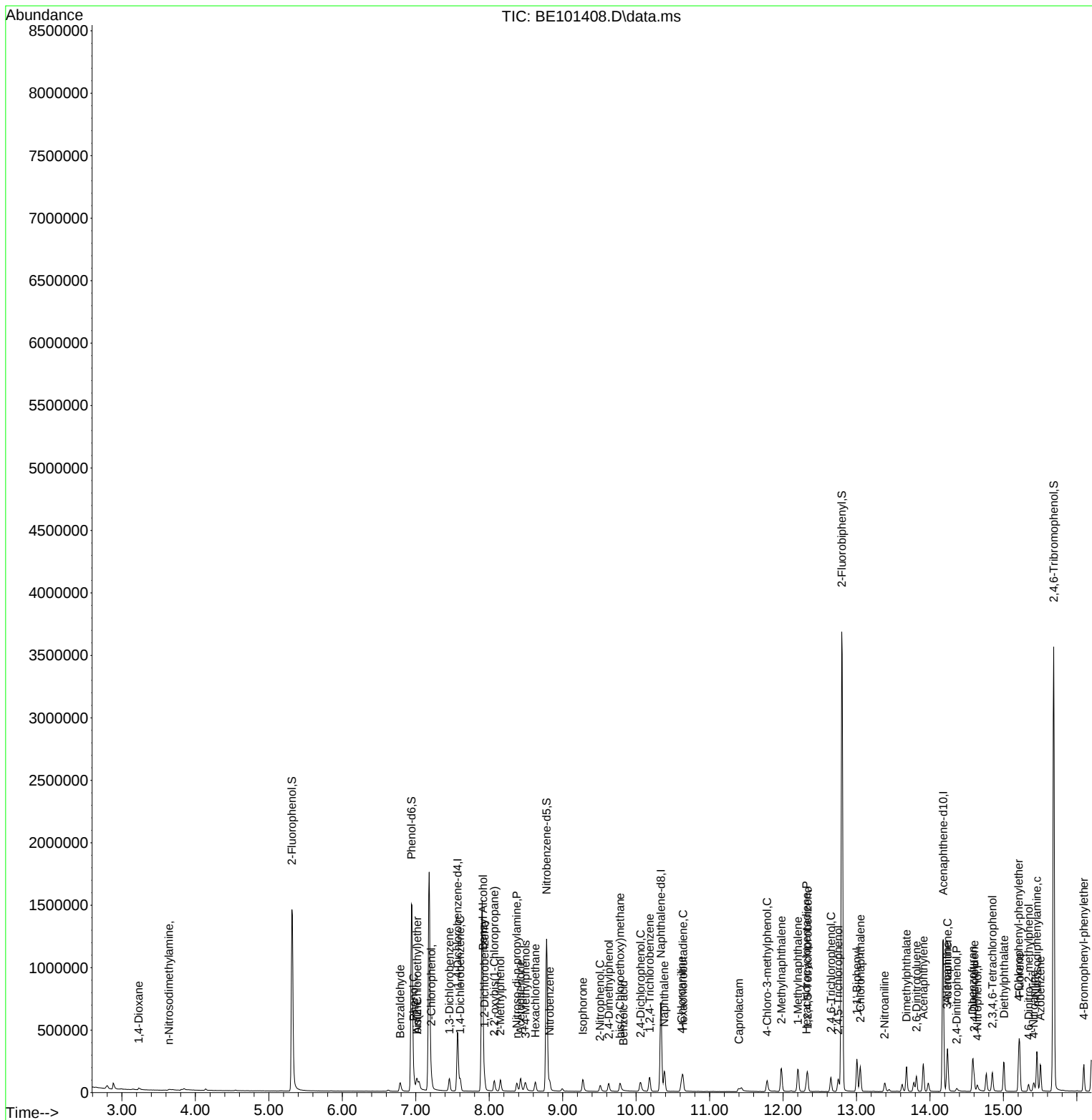
Instrument :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.005	154	140702	4.675	ng	100
47) 2-Chloronaphthalene	13.052	162	101480	4.267	ng	98
48) 2-Nitroaniline	13.381	65	20994	3.280	ng	94
49) Acenaphthylene	13.910	152	160530	4.565	ng	100
50) Dimethylphthalate	13.681	163	132456	4.271	ng	98
51) 2,6-Dinitrotoluene	13.816	165	25509	3.563	ng	96
52) Acenaphthene	14.239	154	100724	4.386	ng	97
53) 3-Nitroaniline	14.233	138	25100	3.526	ng	95
54) 2,4-Dinitrophenol	14.363	184	6481	6.801	ng	98
55) Dibenzofuran	14.580	168	166339	4.545	ng	98
56) 4-Nitrophenol	14.645	139	17349	2.661	ng	95
57) 2,4-Dinitrotoluene	14.604	165	31647	3.211	ng	92
58) Fluorene	15.220	166	132845	4.339	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.850	232	34172	4.248	ng	97
60) Diethylphthalate	15.009	149	135786	4.186	ng	99
61) 4-Chlorophenyl-phenyle...	15.209	204	64197	4.225	ng	98
62) 4-Nitroaniline	15.414	138	24184	3.053	ng	97
63) Azobenzene	15.502	77	121716	4.365	ng	97
65) 4,6-Dinitro-2-methylph...	15.344	198	13737	2.268	ng	96
66) n-Nitrosodiphenylamine	15.455	169	117518	4.299	ng	99
67) 4-Bromophenyl-phenylether	16.096	248	44915	4.142	ng	96
68) Hexachlorobenzene	16.202	284	58611	4.124	ng	95
69) Atrazine	16.390	200	41462	4.948	ng	99
70) Pentachlorophenol	16.607	266	23324	2.851	ng	96
71) Phenanthrene	16.954	178	230482	4.670	ng	97
72) Anthracene	17.042	178	219698	4.559	ng	98
73) Carbazole	17.371	167	212245	4.305	ng	99
74) Di-n-butylphthalate	17.823	149	235135	4.332	ng	97
75) Fluoranthene	18.957	202	276302	4.610	ng	95
77) Benzidine	19.216	184	73223	4.729	ng	99
78) Pyrene	19.327	202	297236	4.430	ng	97
80) Butylbenzylphthalate	20.179	149	121733	4.139	ng	99
81) Benzo(a)anthracene	21.055	228	334125	4.872	ng	94
82) 3,3'-Dichlorobenzidine	21.031	252	111178	4.139	ng	97
83) Chrysene	21.108	228	323921	4.885	ng	93
84) Bis(2-ethylhexyl)phtha...	20.884	149	156645	4.009	ng	97
85) Di-n-octyl phthalate	21.730	149	276690	4.314	ng	99
87) Indeno(1,2,3-cd)pyrene	25.661	276	468040	4.486	ng	99
88) Benzo(b)fluoranthene	22.647	252	347191	4.274	ng	97
89) Benzo(k)fluoranthene	22.688	252	369233	4.865	ng	96
90) Benzo(a)pyrene	23.246	252	328518	4.624	ng	98
91) Dibenzo(a,h)anthracene	25.655	278	380614	4.415	ng	98
92) Benzo(g,h,i)perylene	26.407	276	363214	4.089	ng	99

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

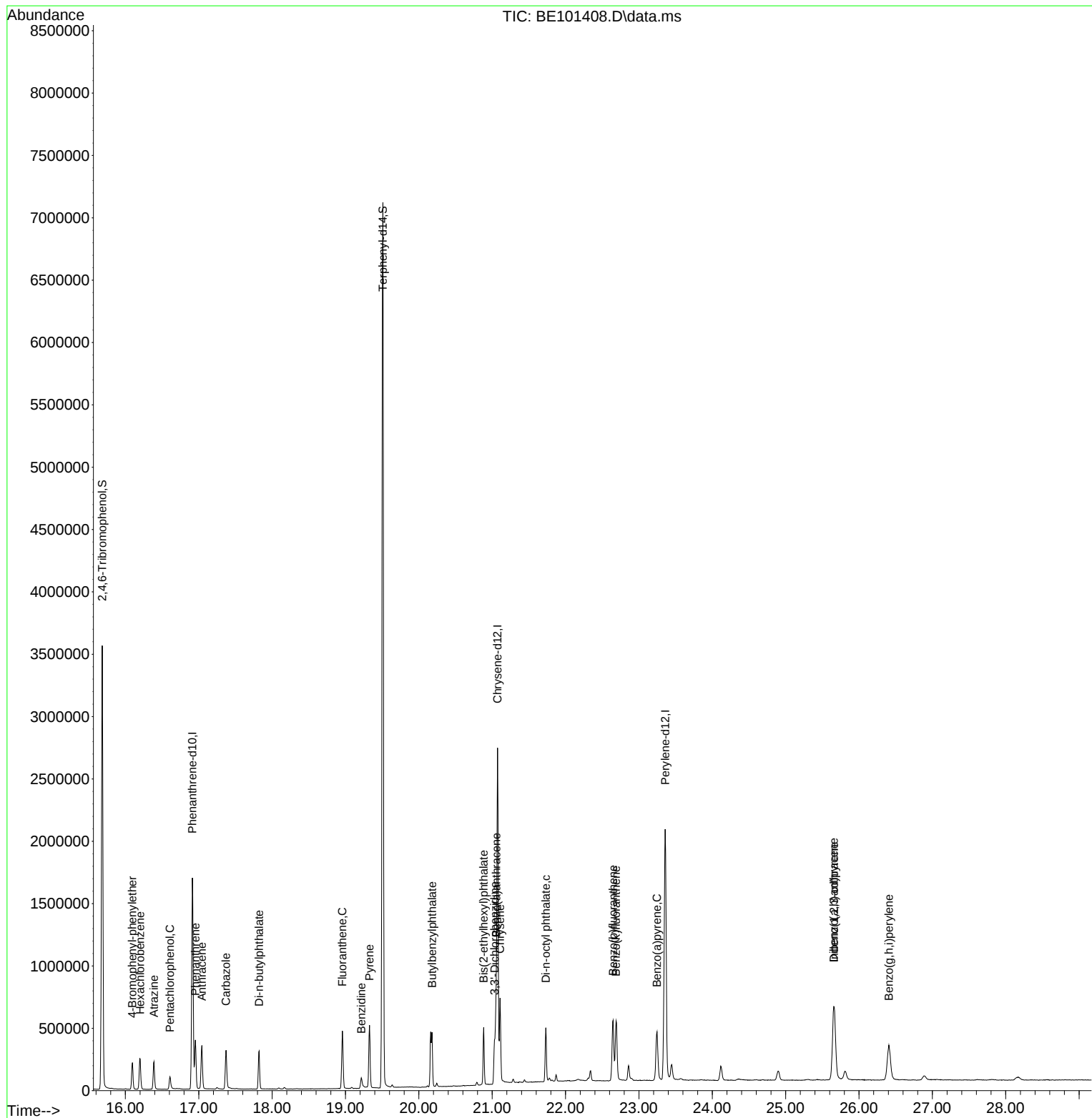
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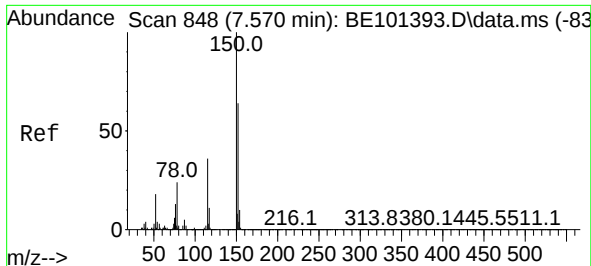


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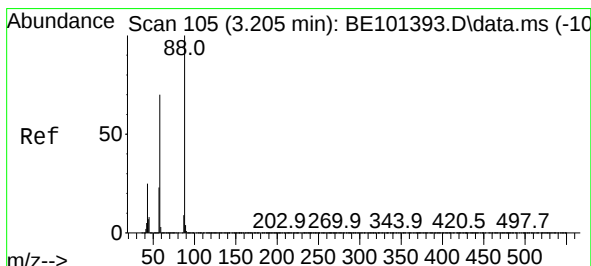
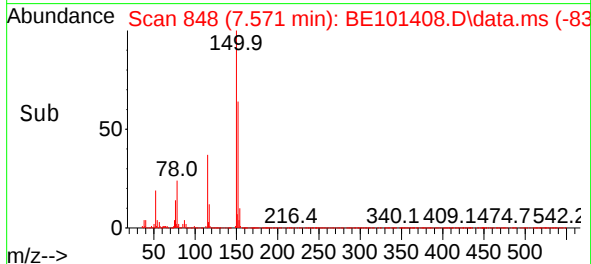
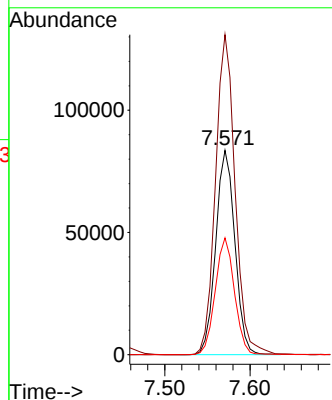
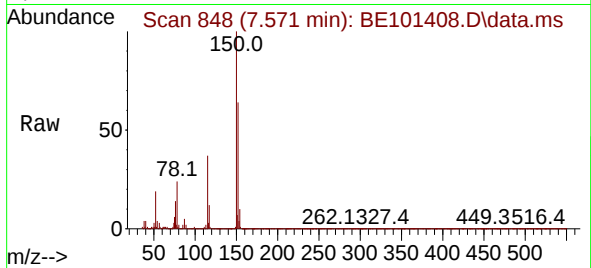




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.571 min Scan# 848
Delta R.T. 0.001 min
Lab File: BE101408.D
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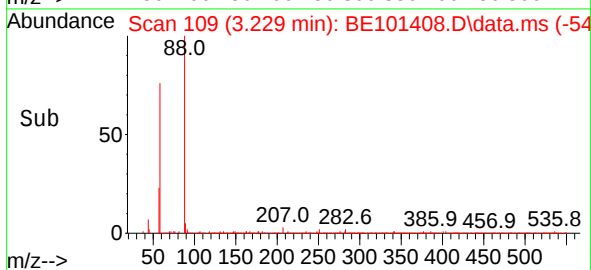
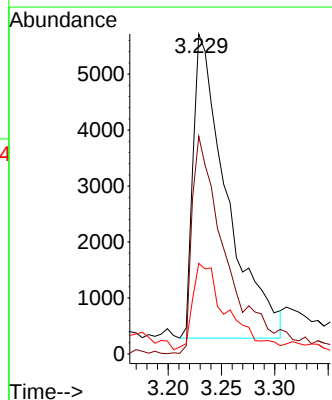
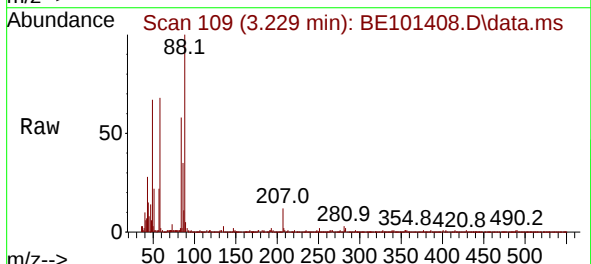
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LOQ-WATER-02-QT4-2024

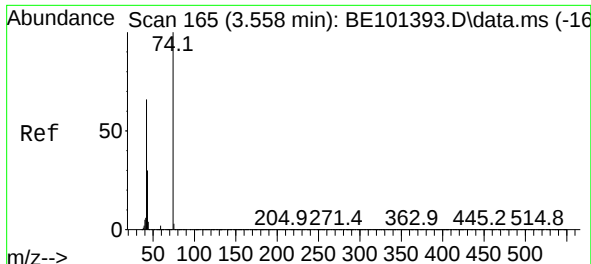
Tgt Ion:152 Resp: 131003
Ion Ratio Lower Upper
152 100
150 156.6 124.2 186.4
115 57.2 45.3 67.9



#2
1,4-Dioxane
Concen: 4.282 ng
RT: 3.229 min Scan# 109
Delta R.T. 0.024 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44

Tgt Ion: 88 Resp: 11938
Ion Ratio Lower Upper
88 100
58 78.0 56.5 84.7
43 28.6 19.8 29.8

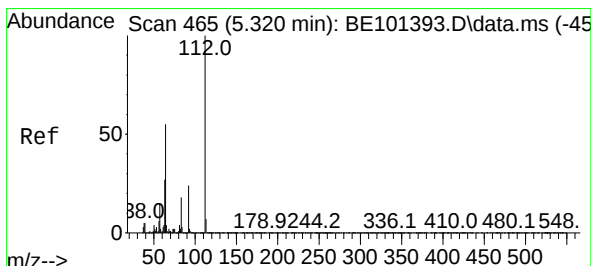
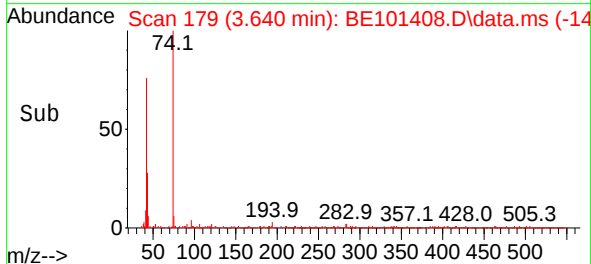
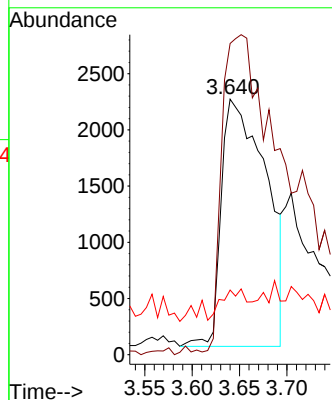
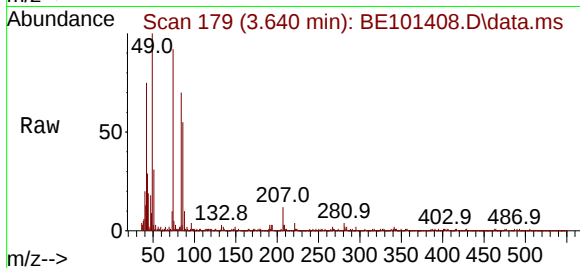




#4
n-Nitrosodimethylamine
Concen: 2.371 ng
RT: 3.640 min Scan# 11
Delta R.T. 0.082 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44

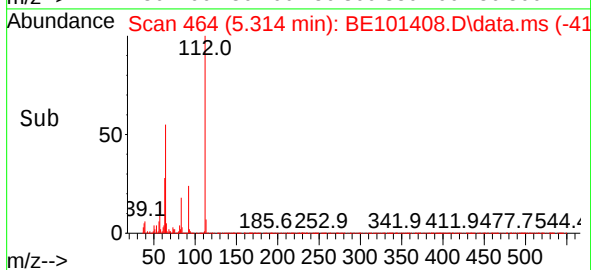
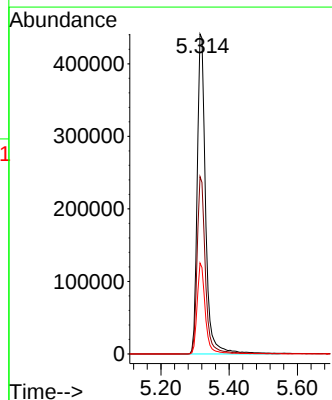
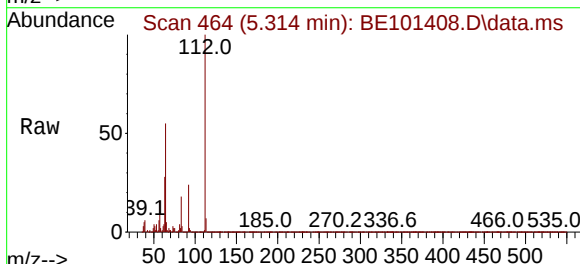
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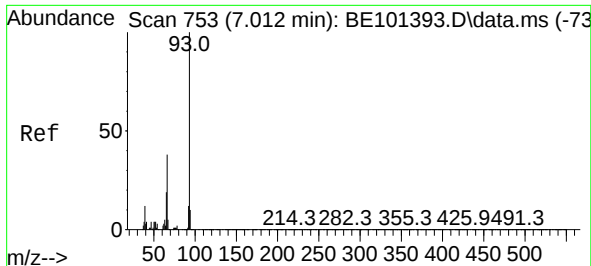
Tgt Ion: 42 Resp: 7237
Ion Ratio Lower Upper
42 100
74 121.8 121.4 182.0
44 25.3 5.6 8.4#



#5
2-Fluorophenol
Concen: 100.275 ng
RT: 5.314 min Scan# 464
Delta R.T. -0.006 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44

Tgt Ion: 112 Resp: 749503
Ion Ratio Lower Upper
112 100
64 55.4 43.7 65.5
63 28.4 21.4 32.2





#6

Aniline

Concen: 6.662 ng

RT: 7.018 min Scan# 753

Delta R.T. 0.006 min

Lab File: BE101408.D

Acq: 29 Oct 2024 15:44

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT4-2024

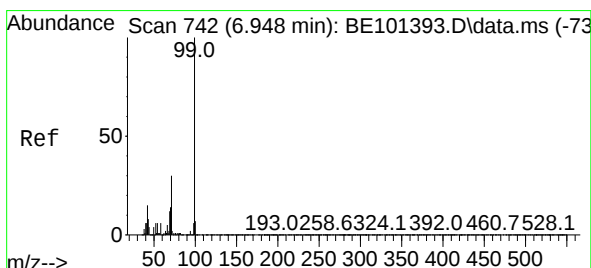
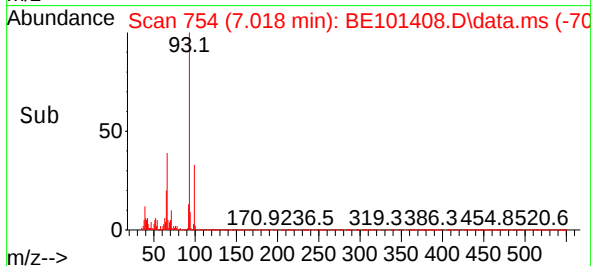
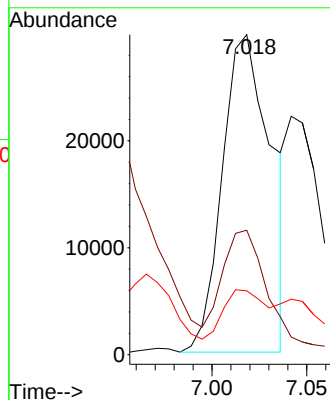
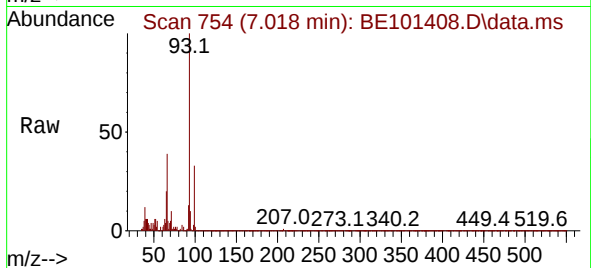
Tgt Ion: 93 Resp: 52913

Ion Ratio Lower Upper

93 100

66 38.9 31.0 46.4

65 20.0 15.5 23.3



#7

Phenol-d6

Concen: 99.206 ng

RT: 6.942 min Scan# 741

Delta R.T. -0.006 min

Lab File: BE101408.D

Acq: 29 Oct 2024 15:44

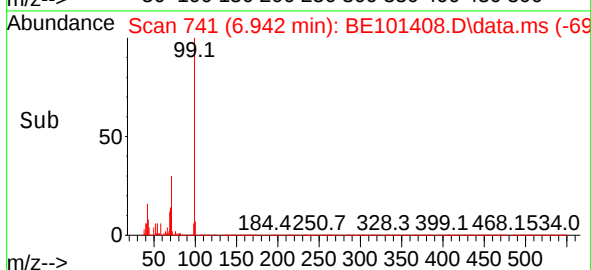
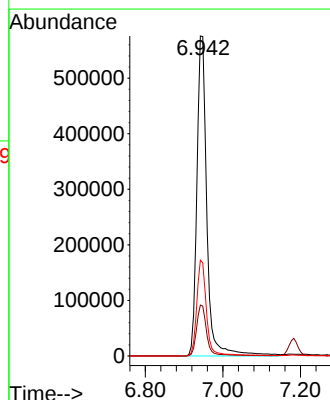
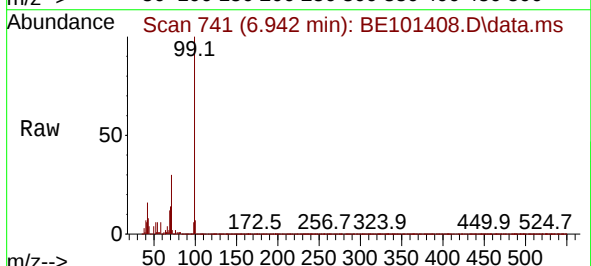
Tgt Ion: 99 Resp: 1028185

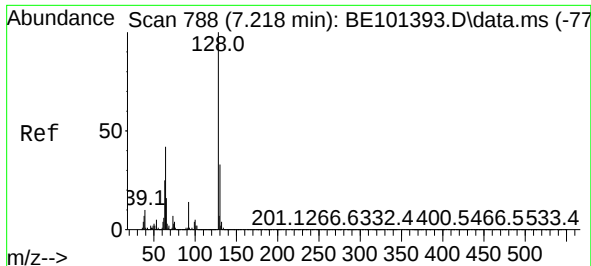
Ion Ratio Lower Upper

99 100

42 15.9 12.3 18.5

71 30.0 23.8 35.8

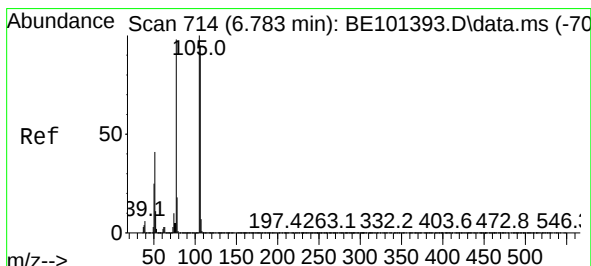
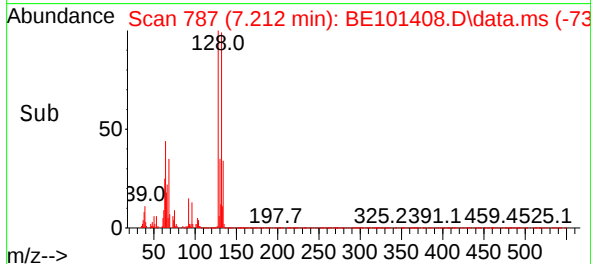
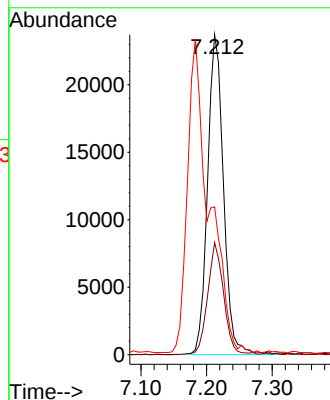
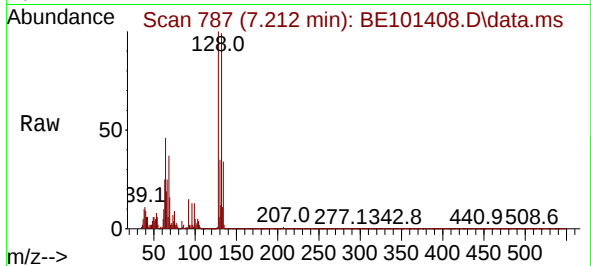




#8
2-Chlorophenol
Concen: 4.472 ng
RT: 7.212 min Scan# 710
Delta R.T. -0.006 min
Lab File: BE101408.D
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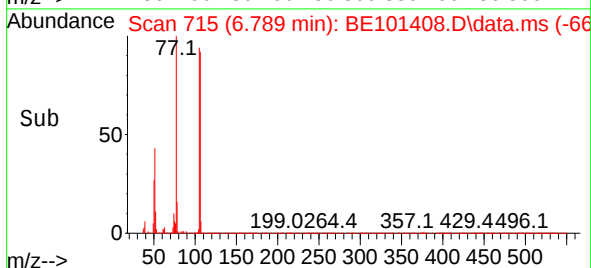
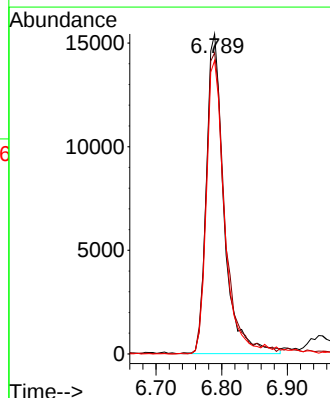
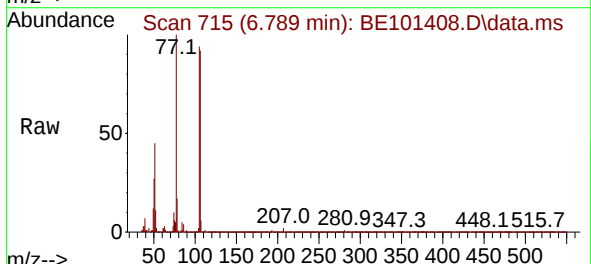
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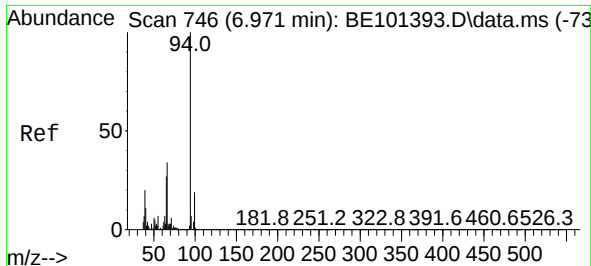
Tgt Ion:128 Resp: 40091
Ion Ratio Lower Upper
128 100
130 35.0 12.9 52.9
64 46.2 22.3 62.3



#9
Benzaldehyde
Concen: 5.724 ng
RT: 6.789 min Scan# 715
Delta R.T. 0.006 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44

Tgt Ion: 77 Resp: 28640
Ion Ratio Lower Upper
77 100
105 94.1 81.9 121.9
106 91.7 76.5 116.5





#10

Phenol

Concen: 3.823 ng

RT: 6.971 min Scan# 746

Delta R.T. 0.000 min

Lab File: BE101408.D

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Instrument :

BNA_E

ClientSampleId :

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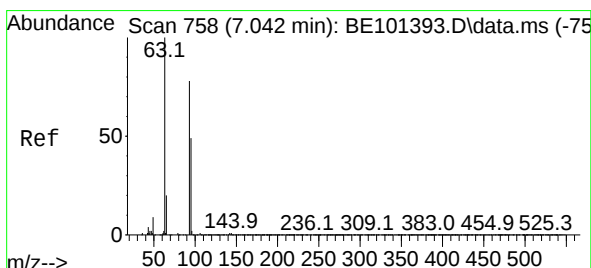
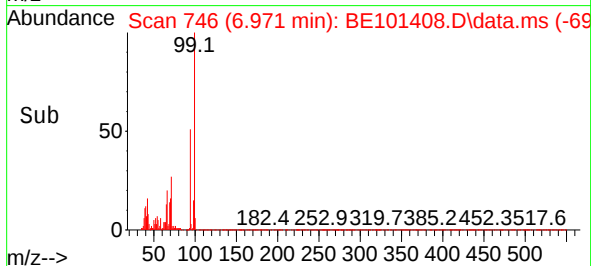
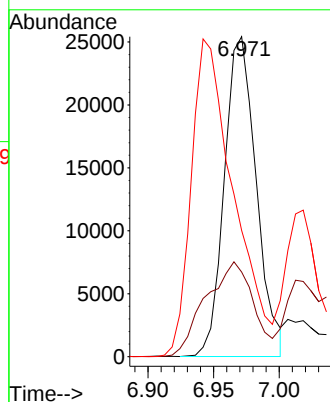
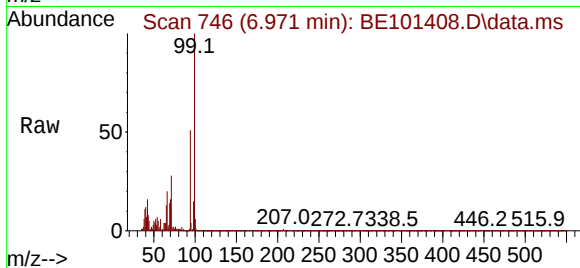
Tgt Ion: 94 Resp: 42987

Ion Ratio Lower Upper

94 100

65 26.5 6.8 46.8

66 39.4 14.0 54.0



#11

bis(2-Chloroethyl)ether

Concen: 5.736 ng

RT: 7.018 min Scan# 754

Delta R.T. -0.023 min

Lab File: BE101408.D

Acq: 29 Oct 2024 15:44

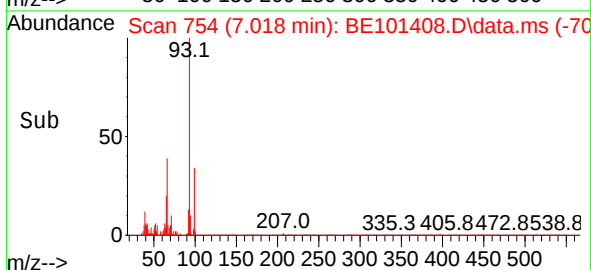
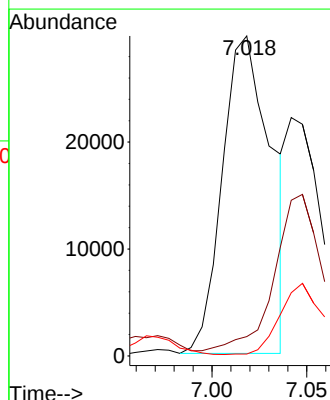
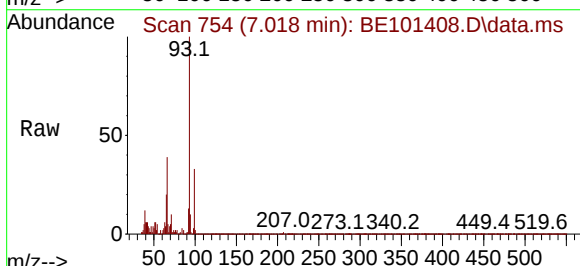
Tgt Ion: 93 Resp: 52913

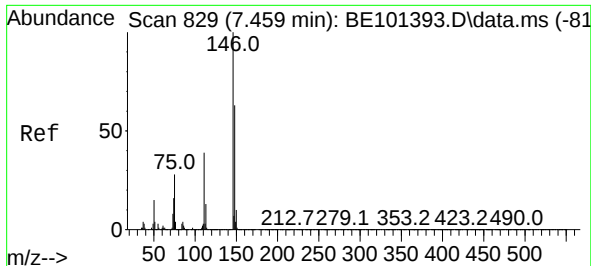
Ion Ratio Lower Upper

93 100

63 6.0 46.3 86.3#

95 0.6 9.6 49.6#





#12

1,3-Dichlorobenzene

Concen: 4.380 ng

RT: 7.459 min Scan# 81

Delta R.T. 0.000 min

Lab File: BE101408.D

Acq: 29 Oct 2024 15:44

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT4-2024

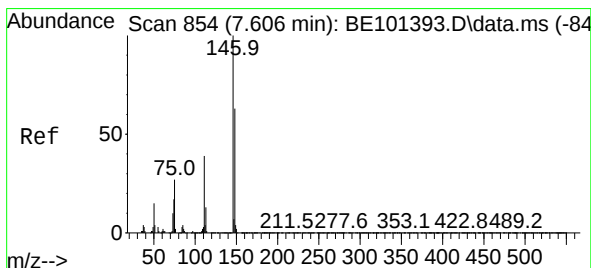
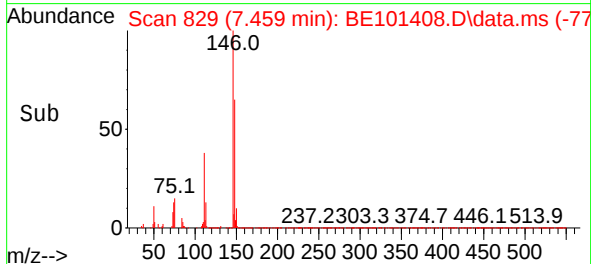
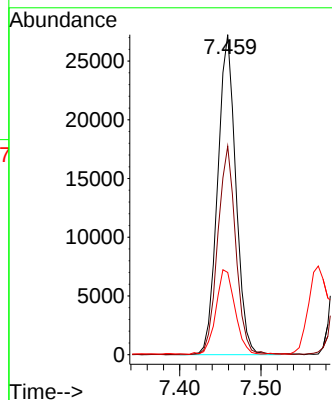
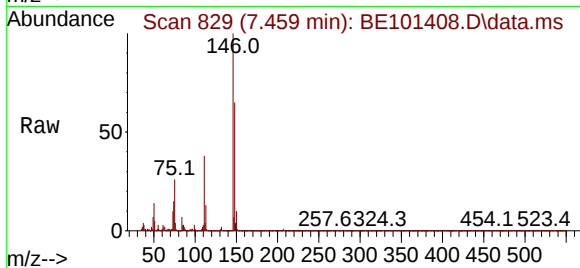
Tgt Ion:146 Resp: 42338

Ion Ratio Lower Upper

146 100

148 65.1 50.5 75.7

75 25.7 22.0 33.0



#13

1,4-Dichlorobenzene

Concen: 4.408 ng

RT: 7.606 min Scan# 854

Delta R.T. 0.000 min

Lab File: BE101408.D

Acq: 29 Oct 2024 15:44

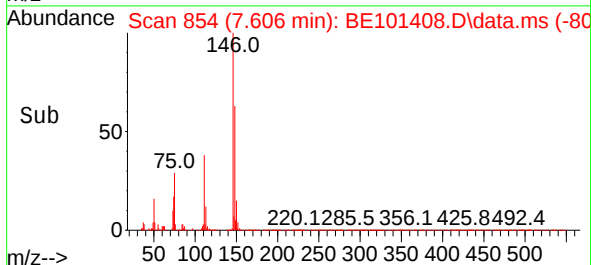
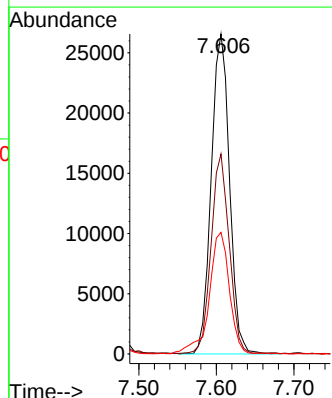
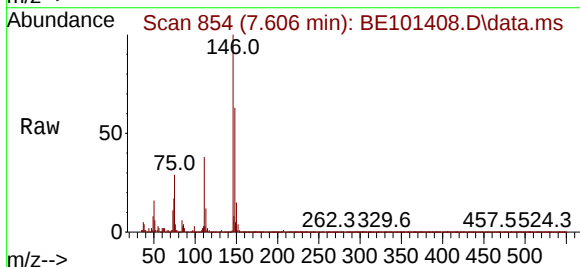
Tgt Ion:146 Resp: 43513

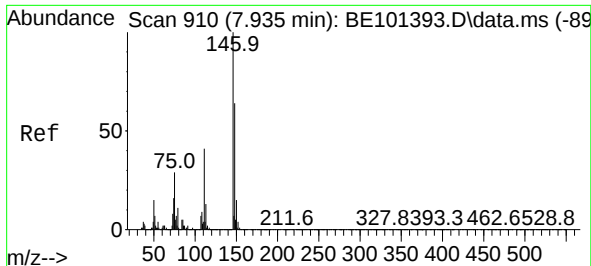
Ion Ratio Lower Upper

146 100

148 62.5 50.2 75.2

111 38.0 31.6 47.4





#14

1,2-Dichlorobenzene

Concen: 4.386 ng

RT: 7.935 min Scan# 910

Delta R.T. 0.000 min

Lab File: BE101408.D

Acq: 29 Oct 2024 15:44

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT4-2024

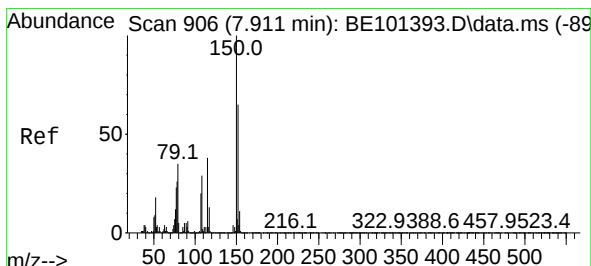
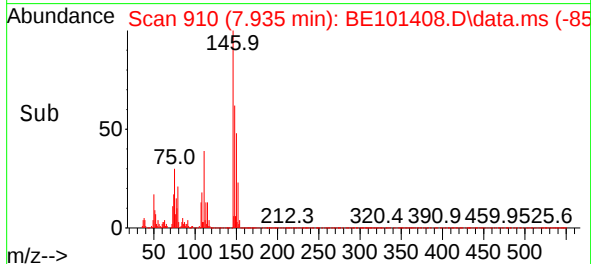
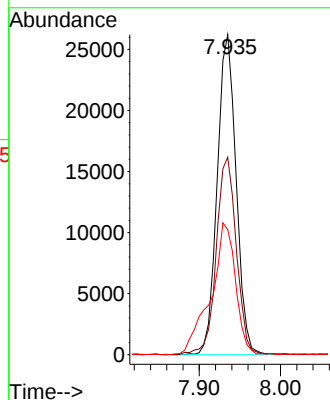
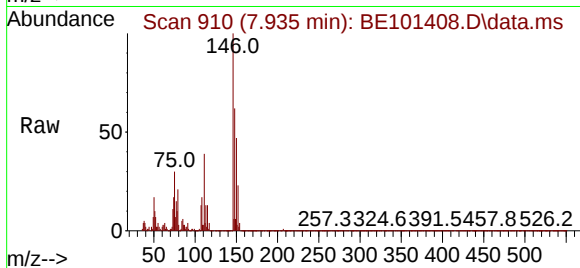
Tgt Ion:146 Resp: 42379

Ion Ratio Lower Upper

146 100

148 61.7 51.4 77.2

111 39.1 32.8 49.2



#15

Benzyl Alcohol

Concen: 4.910 ng

RT: 7.917 min Scan# 907

Delta R.T. 0.006 min

Lab File: BE101408.D

Acq: 29 Oct 2024 15:44

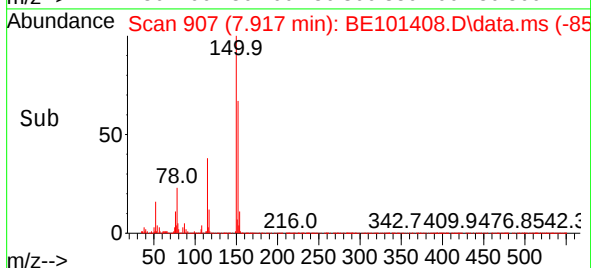
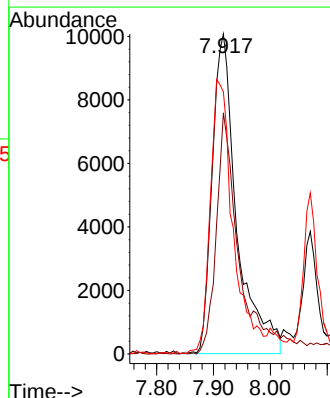
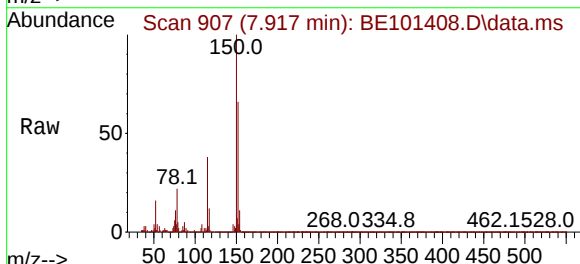
Tgt Ion: 79 Resp: 30334

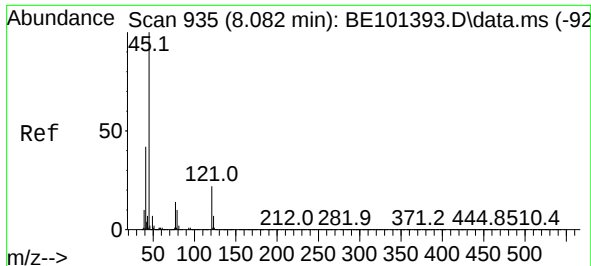
Ion Ratio Lower Upper

79 100

108 75.3 66.1 99.1

77 81.9 53.1 79.7#

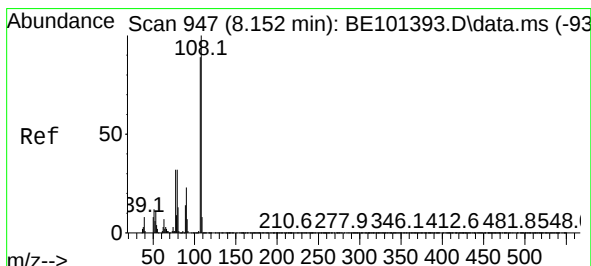
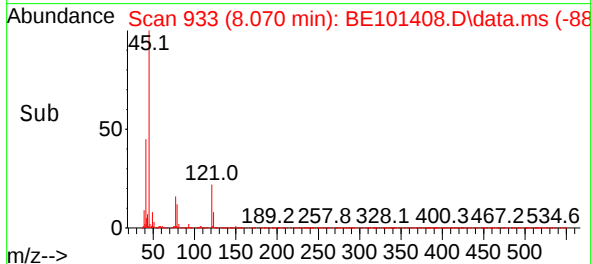
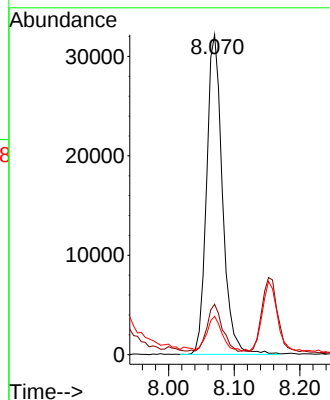
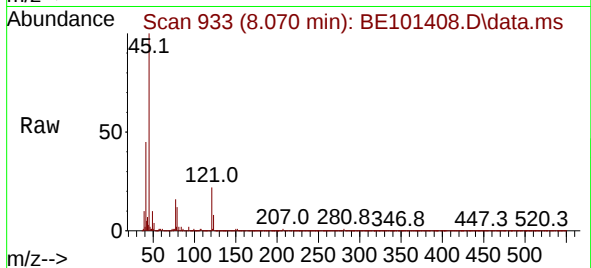




#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.650 ng
RT: 8.070 min Scan# 91
Delta R.T. -0.012 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44

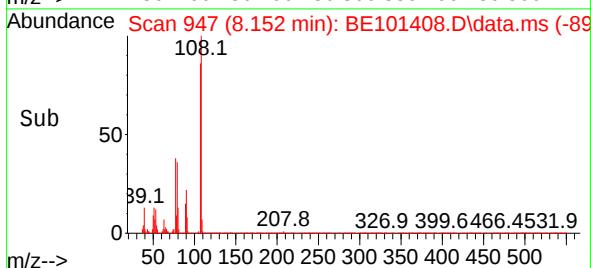
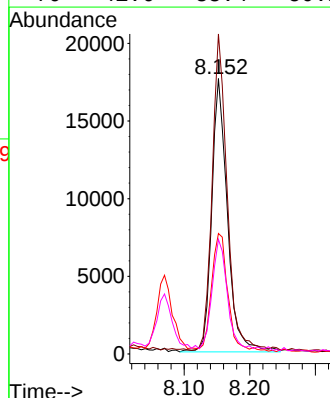
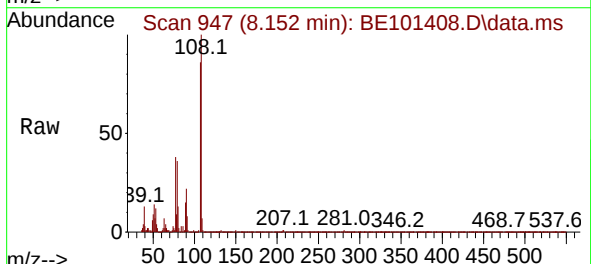
Instrument :
BNA_E
ClientSampleId :
LOQ-WATER-02-QT4-2024

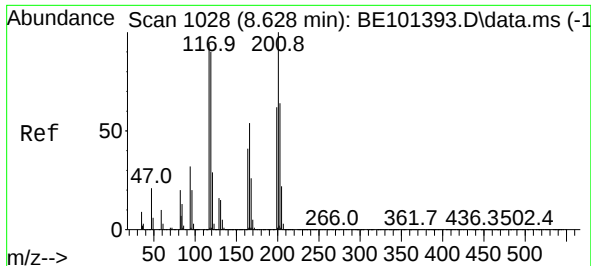
Tgt Ion: 45 Resp: 53987
Ion Ratio Lower Upper
45 100
77 15.8 0.0 34.5
79 12.0 0.0 31.8



#17
2-Methylphenol
Concen: 3.839 ng
RT: 8.152 min Scan# 947
Delta R.T. 0.000 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44

Tgt Ion:107 Resp: 29217
Ion Ratio Lower Upper
107 100
108 116.2 90.0 135.0
77 43.7 34.2 51.4
79 41.6 33.4 50.2

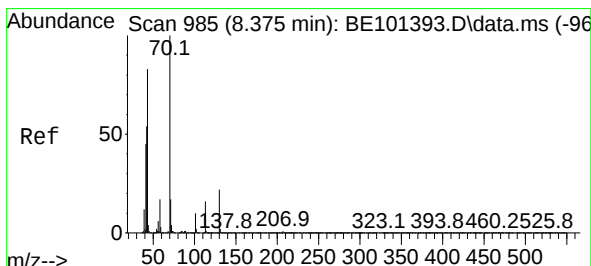
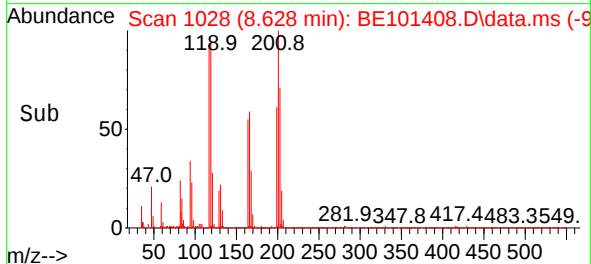
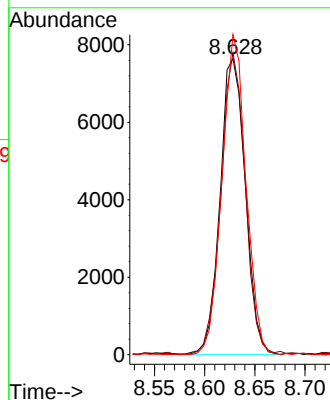
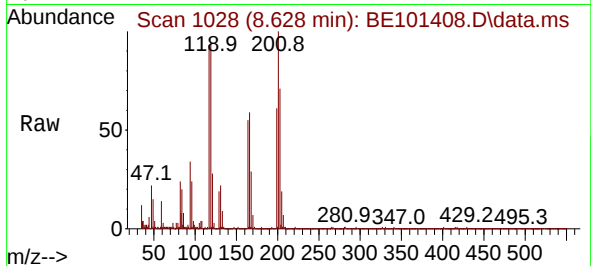




#18
Hexachloroethane
Concen: 4.156 ng
RT: 8.628 min Scan# 1028
Delta R.T. 0.000 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44

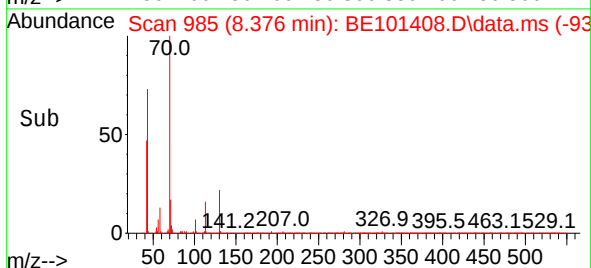
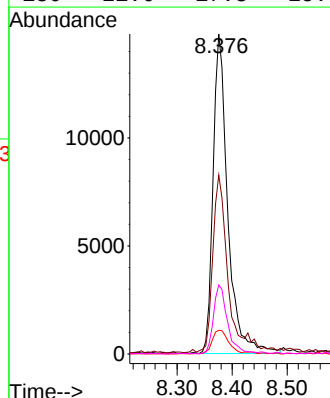
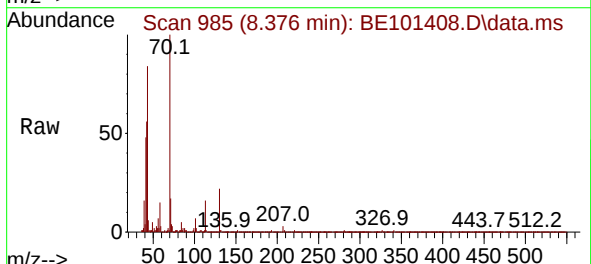
Instrument : BNA_E
ClientSampleId : LOQ-WATER-02-QT4-2024

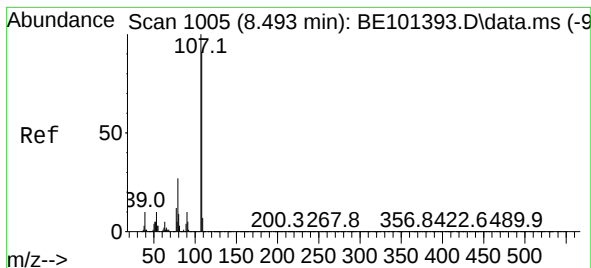
Tgt Ion:117 Resp: 13399
Ion Ratio Lower Upper
117 100
119 101.9 77.0 115.4
201 108.1 85.3 127.9



#19
n-Nitroso-di-n-propylamine
Concen: 3.990 ng
RT: 8.376 min Scan# 985
Delta R.T. 0.000 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44

Tgt Ion: 70 Resp: 27441
Ion Ratio Lower Upper
70 100
42 55.9 43.4 65.0
101 7.4 8.1 12.1#
130 21.6 17.3 25.9





#20

3+4-Methylphenols

Concen: 3.708 ng

RT: 8.493 min Scan# 1

Delta R.T. 0.000 min

Lab File: BE101408.D

Acq: 29 Oct 2024 15:44

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion:107 Resp: 38961

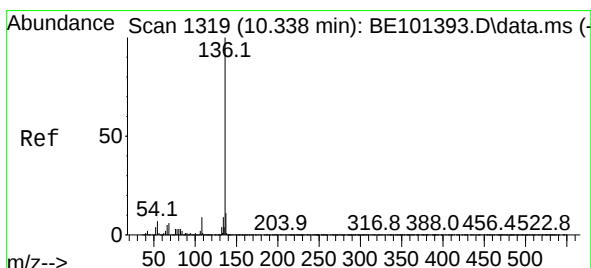
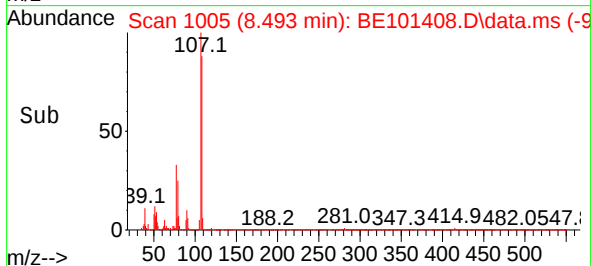
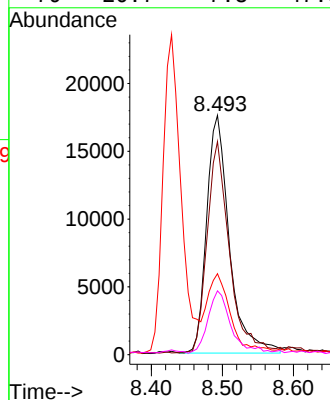
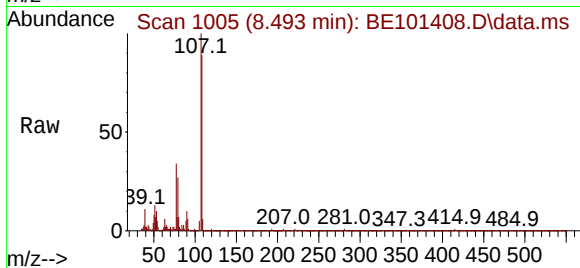
Ion Ratio Lower Upper

107 100

108 89.1 70.6 110.6

77 33.8 11.3 51.3

79 26.7 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: BE101408.D

Acq: 29 Oct 2024 15:44

Tgt Ion:136 Resp: 614589

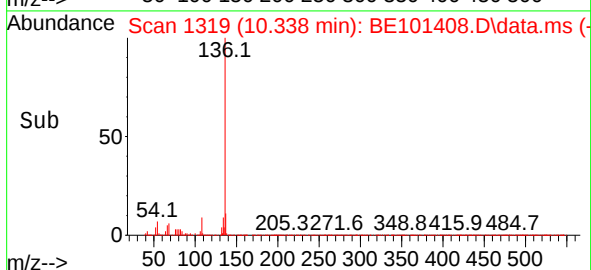
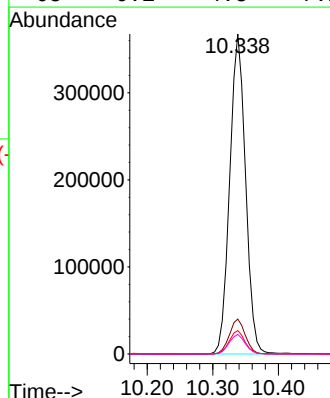
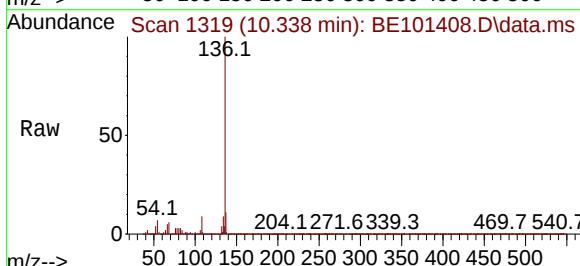
Ion Ratio Lower Upper

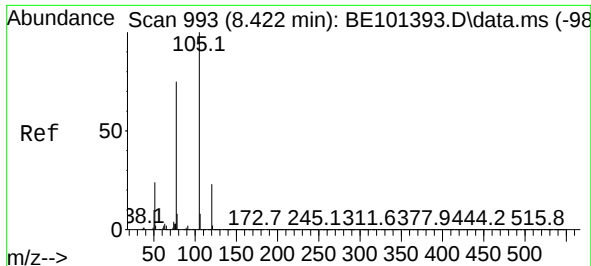
136 100

137 10.9 9.0 13.6

54 7.3 5.9 8.9

68 6.1 4.8 7.2

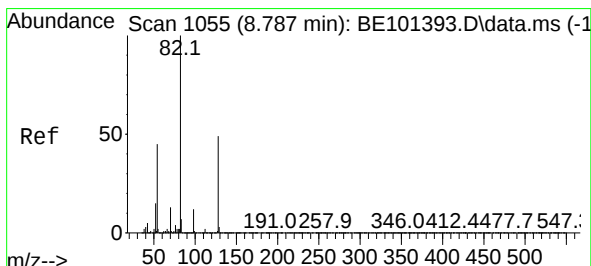
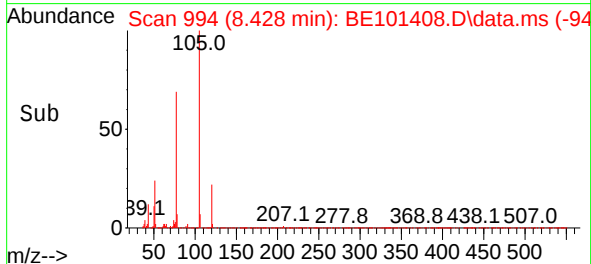
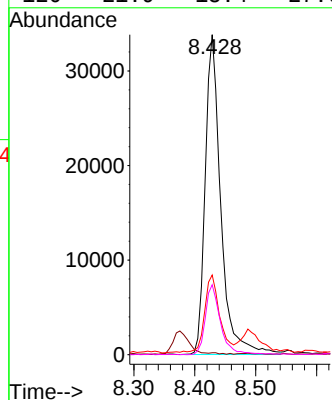
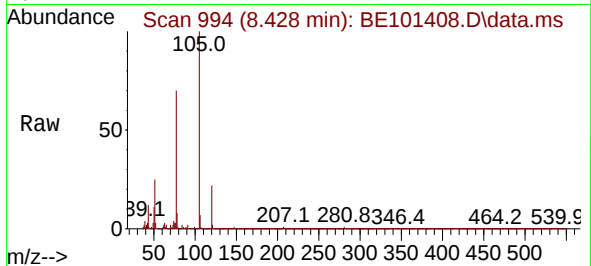




#22
Acetophenone
Concen: 4.311 ng
RT: 8.428 min Scan# 993
Delta R.T. 0.006 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44

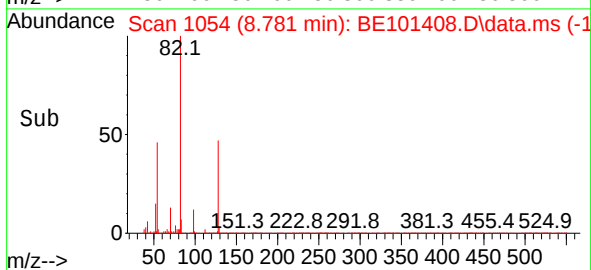
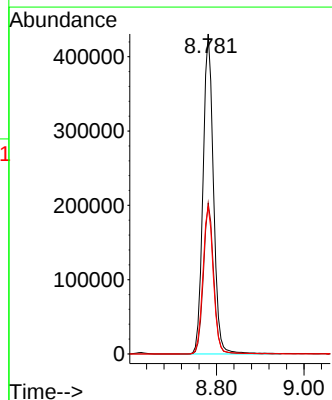
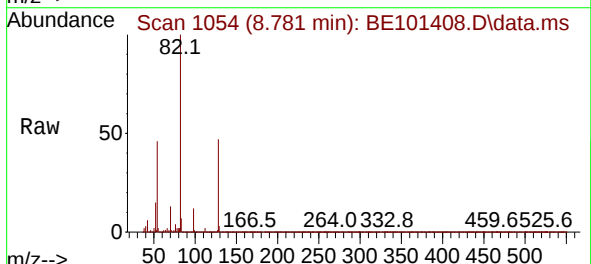
Instrument :
BNA_E
ClientSampleId :
LOQ-WATER-02-QT4-2024

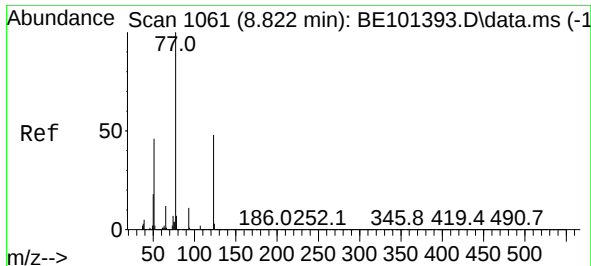
Tgt Ion:105 Resp: 60166
Ion Ratio Lower Upper
105 100
71 0.6 0.1 0.1#
51 24.9 19.4 29.0
120 21.9 18.4 27.6



#23
Nitrobenzene-d5
Concen: 73.349 ng
RT: 8.781 min Scan# 1054
Delta R.T. -0.006 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44

Tgt Ion: 82 Resp: 717723
Ion Ratio Lower Upper
82 100
128 47.2 38.9 58.3
54 46.0 36.2 54.4

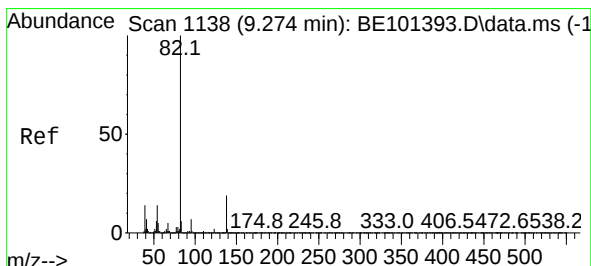
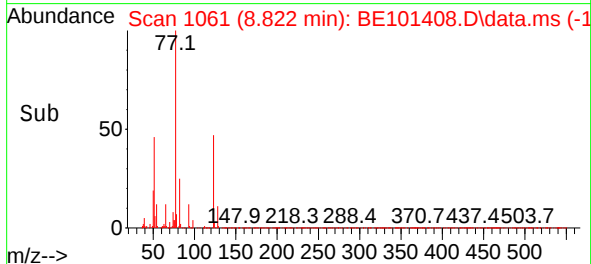
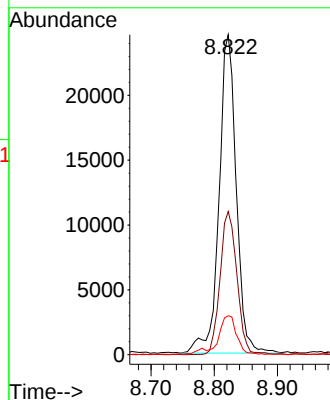
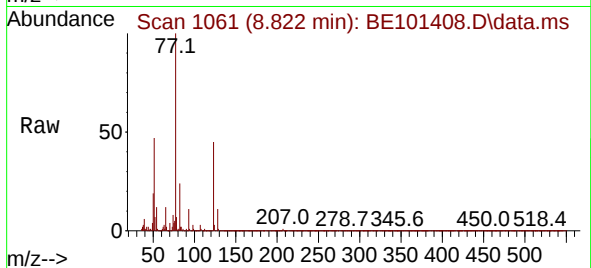




#24
Nitrobenzene
Concen: 4.458 ng
RT: 8.822 min Scan# 1061
Delta R.T. 0.000 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44

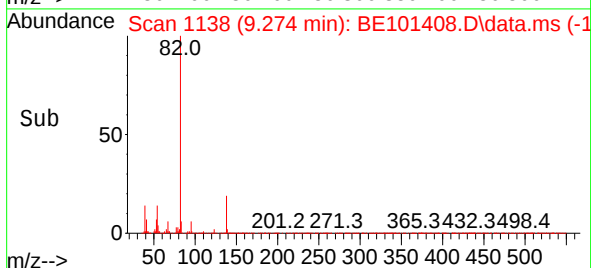
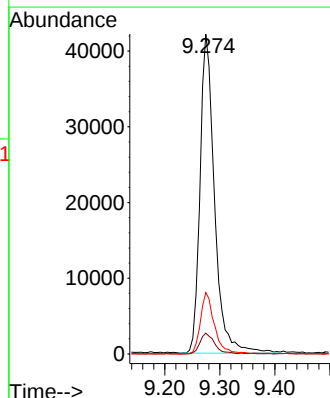
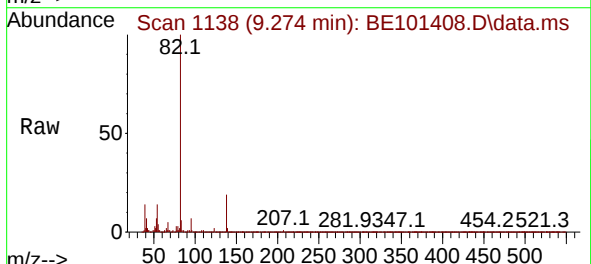
Instrument : BNA_E
ClientSampleId : LOQ-WATER-02-QT4-2024

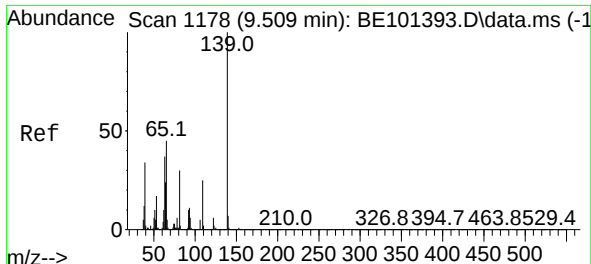
Tgt Ion: 77	Resp: 46428
Ion Ratio	Lower Upper
77 100	
123 44.8	38.7 58.1
65 12.2	10.0 15.0



#25
Isophorone
Concen: 4.054 ng
RT: 9.274 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44

Tgt Ion: 82	Resp: 77407
Ion Ratio	Lower Upper
82 100	
95 6.5	5.5 8.3
138 19.2	15.0 22.4

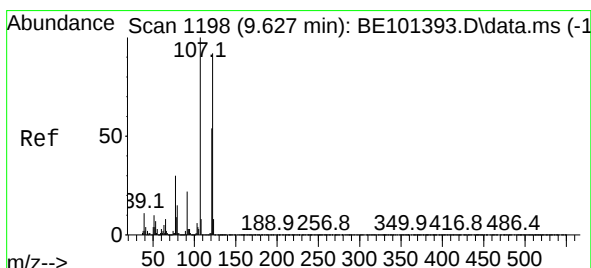
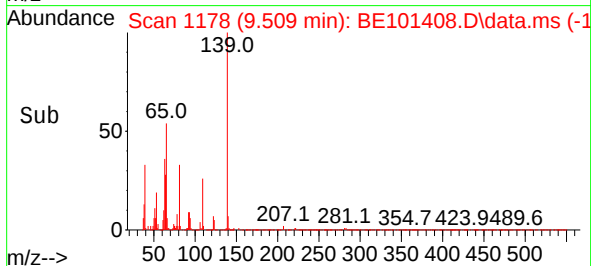
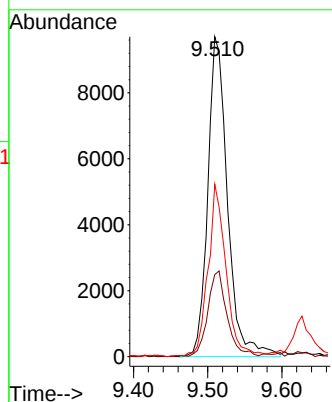
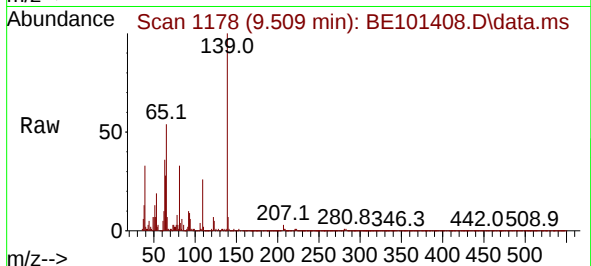




#26
2-Nitrophenol
Concen: 3.560 ng
RT: 9.509 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44

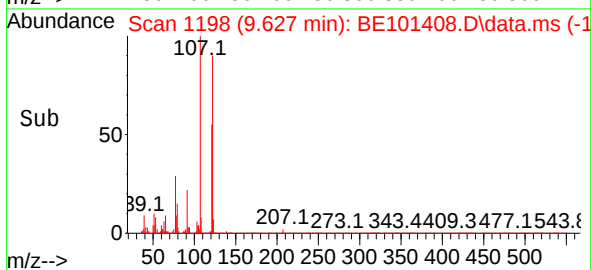
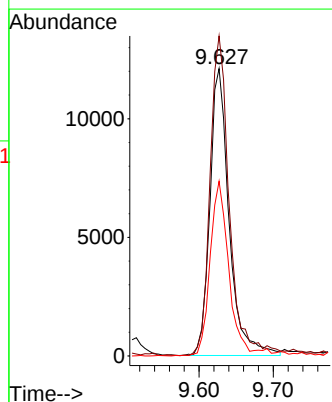
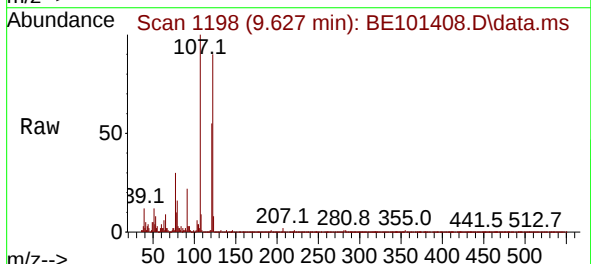
Instrument :
BNA_E
ClientSampleId :
LOQ-WATER-02-QT4-2024

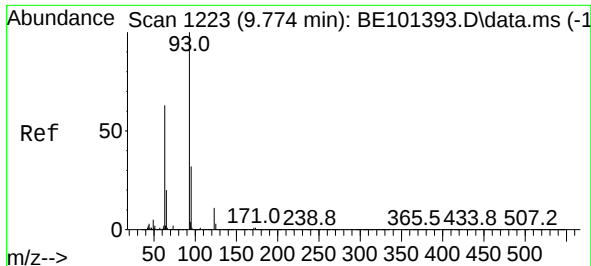
Tgt Ion:139	Resp:	17918
Ion Ratio	Lower	Upper
139	100	
109	25.6	20.1 30.1
65	53.9	36.0 54.0



#27
2,4-Dimethylphenol
Concen: 3.448 ng
RT: 9.627 min Scan# 1198
Delta R.T. 0.000 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44

Tgt Ion:122	Resp:	21839
Ion Ratio	Lower	Upper
122	100	
107	111.3	87.4 131.0
121	60.8	47.4 71.0





#28

bis(2-Chloroethoxy)methane

Concen: 4.294 ng

RT: 9.780 min Scan# 1223

Delta R.T. 0.006 min

Lab File: BE101408.D

Acq: 29 Oct 2024 15:44

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT4-2024

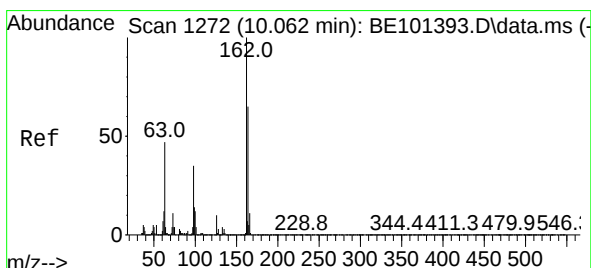
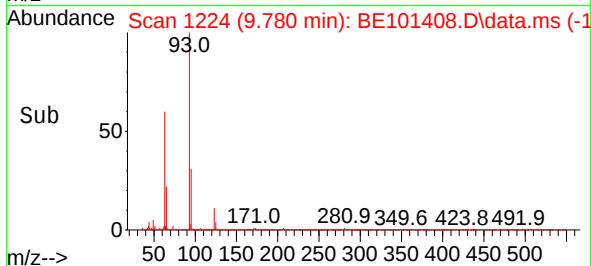
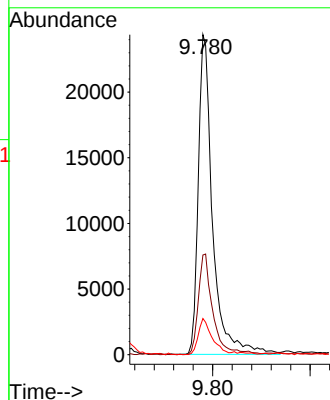
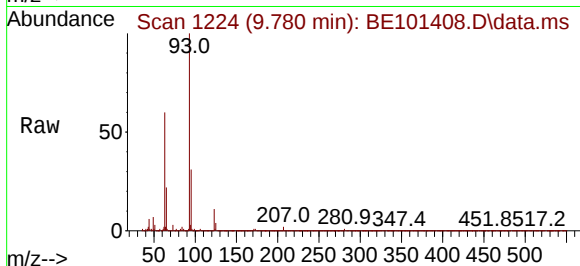
Tgt Ion: 93 Resp: 49726

Ion Ratio Lower Upper

93 100

95 31.1 25.8 38.6

123 11.3 8.6 13.0



#29

2,4-Dichlorophenol

Concen: 3.800 ng

RT: 10.062 min Scan# 1272

Delta R.T. 0.000 min

Lab File: BE101408.D

Acq: 29 Oct 2024 15:44

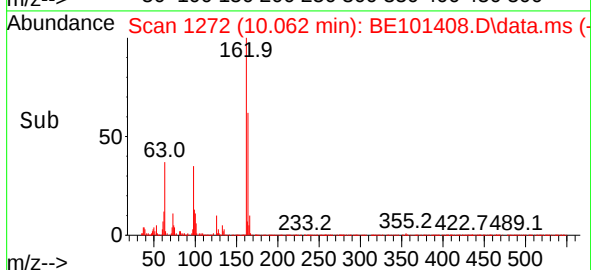
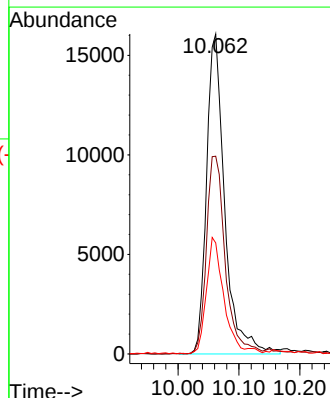
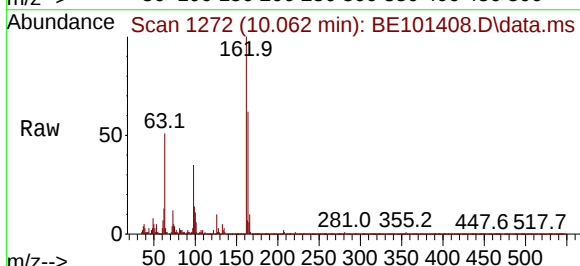
Tgt Ion:162 Resp: 33296

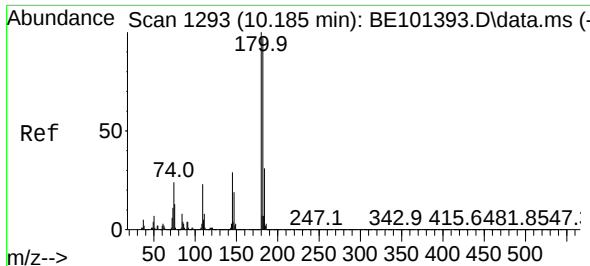
Ion Ratio Lower Upper

162 100

164 61.8 45.4 85.4

98 34.7 14.5 54.5





#30

1,2,4-Trichlorobenzene

Concen: 4.213 ng

RT: 10.185 min Scan# 1293

Delta R.T. 0.000 min

Lab File: BE101408.D

Acq: 29 Oct 2024 15:44

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT4-2024

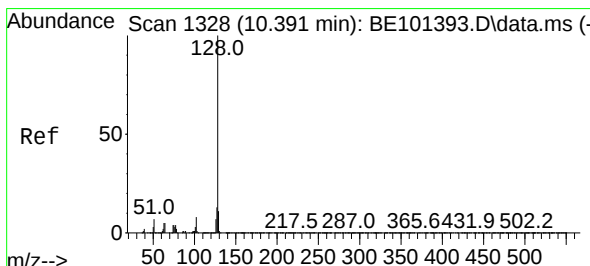
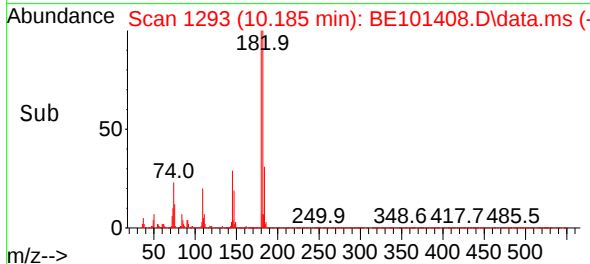
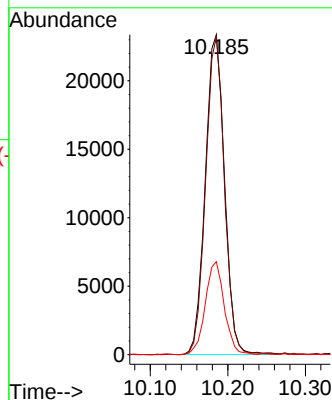
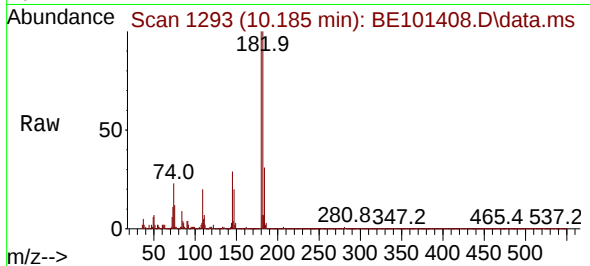
Tgt Ion:180 Resp: 40214

Ion Ratio Lower Upper

180 100

182 99.5 77.4 116.0

145 29.1 23.3 34.9



#31

Naphthalene

Concen: 4.370 ng

RT: 10.385 min Scan# 1327

Delta R.T. -0.006 min

Lab File: BE101408.D

Acq: 29 Oct 2024 15:44

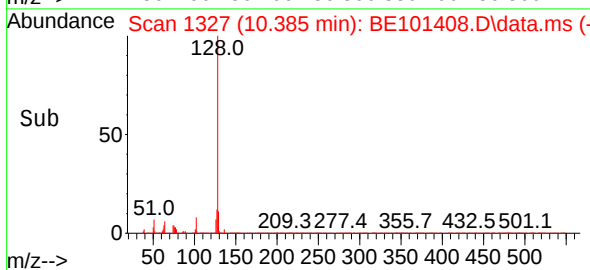
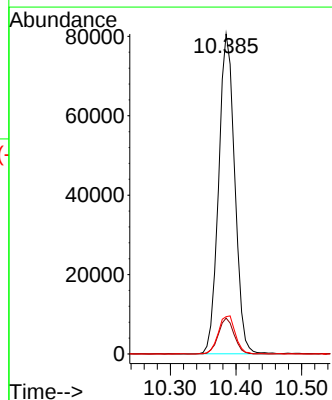
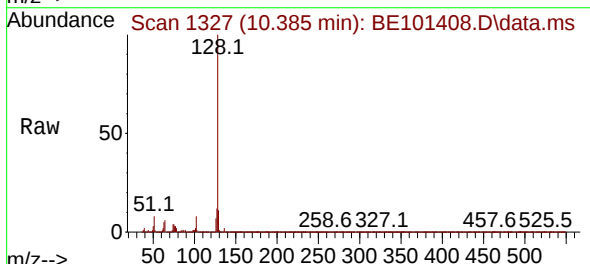
Tgt Ion:128 Resp: 136869

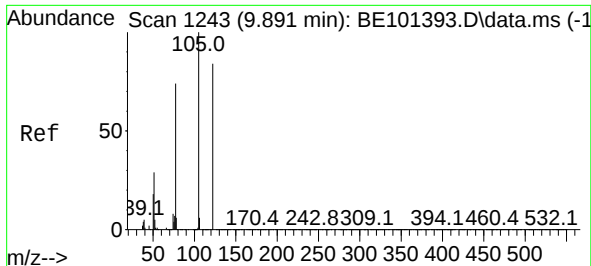
Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

127 11.6 10.3 15.5

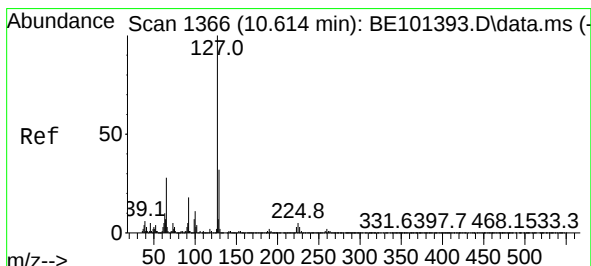
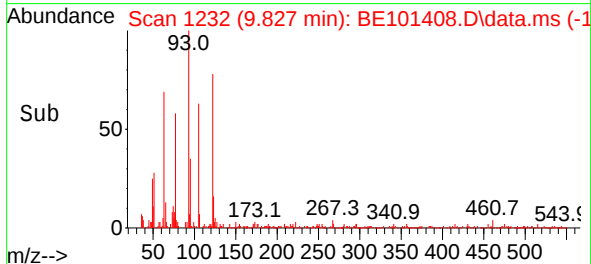
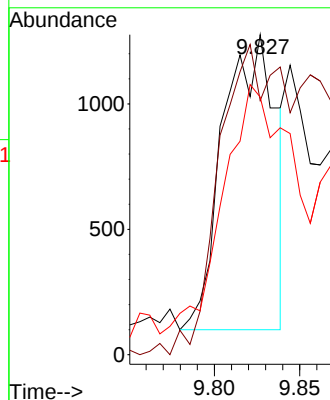
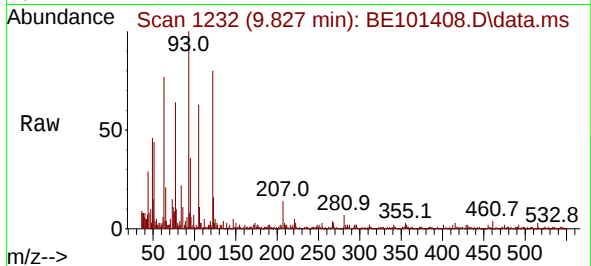




#32
Benzoic acid
Concen: 8.537 ng
RT: 9.827 min Scan# 11
Delta R.T. -0.064 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44

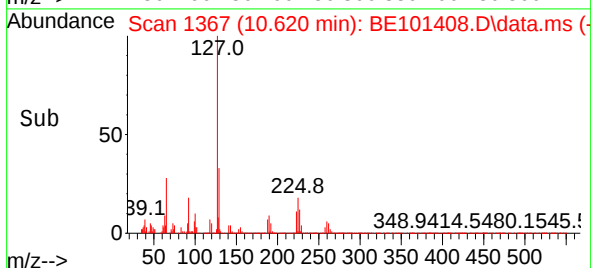
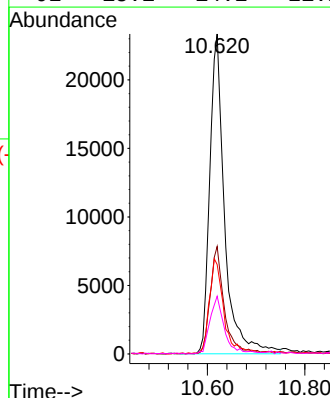
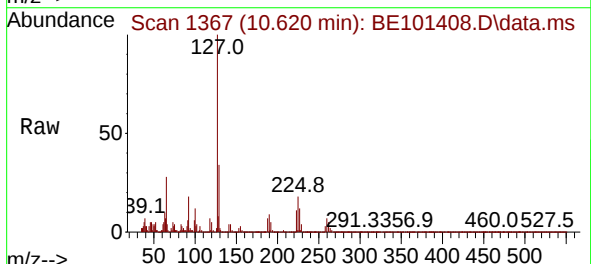
Instrument : BNA_E
ClientSampleId : LOQ-WATER-02-QT4-2024

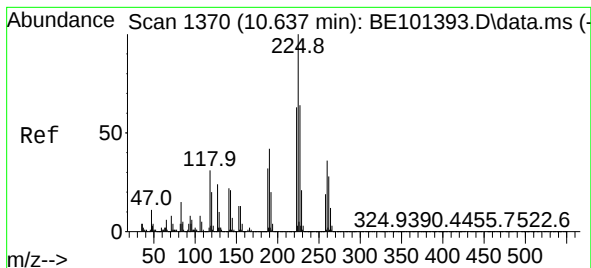
Tgt Ion:122 Resp: 2525
Ion Ratio Lower Upper
122 100
105 79.4 97.9 137.9#
77 80.5 68.1 108.1



#33
4-Chloroaniline
Concen: 4.509 ng
RT: 10.620 min Scan# 1367
Delta R.T. 0.006 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44

Tgt Ion:127 Resp: 49106
Ion Ratio Lower Upper
127 100
129 33.6 25.7 38.5
65 28.0 22.2 33.4
92 18.1 14.2 21.2





#34

Hexachlorobutadiene

Concen: 4.172 ng

RT: 10.638 min Scan# 14

Delta R.T. 0.000 min

Lab File: BE101408.D

Acq: 29 Oct 2024 15:44

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT4-2024

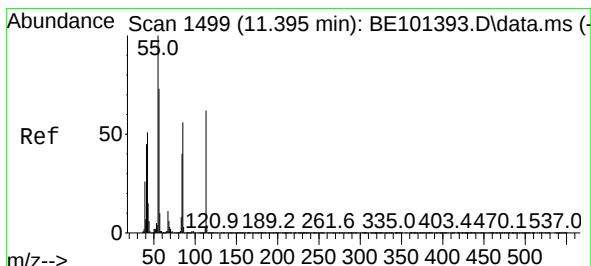
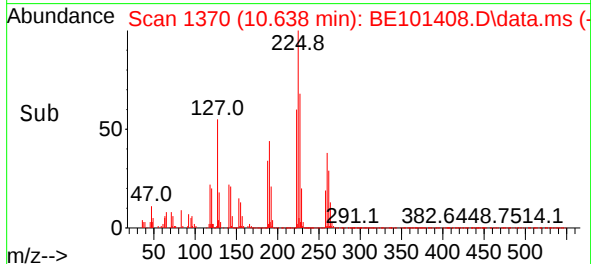
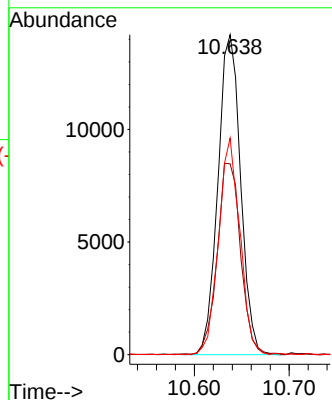
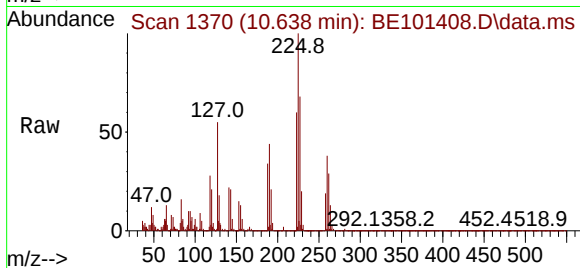
Tgt Ion:225 Resp: 23573

Ion Ratio Lower Upper

225 100

223 61.9 50.5 75.7

227 67.7 51.0 76.6



#35

Caprolactam

Concen: 2.829 ng

RT: 11.401 min Scan# 1500

Delta R.T. 0.006 min

Lab File: BE101408.D

Acq: 29 Oct 2024 15:44

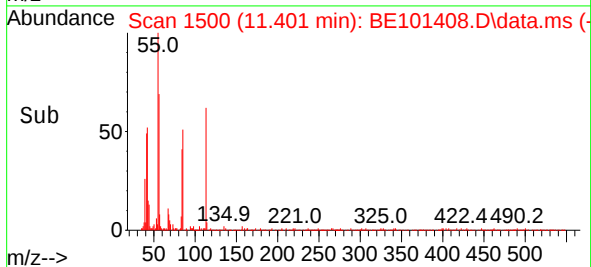
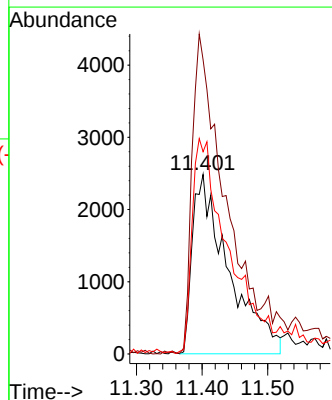
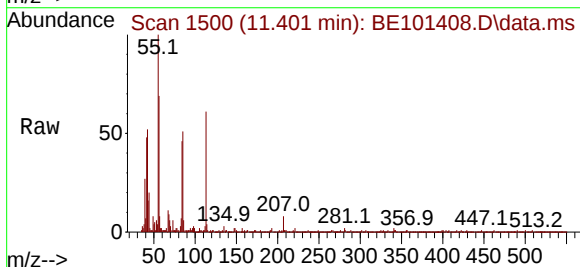
Tgt Ion:113 Resp: 9501

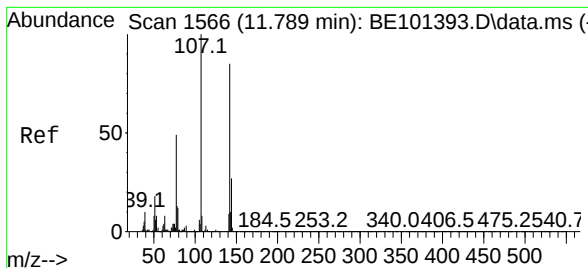
Ion Ratio Lower Upper

113 100

55 164.0 141.2 181.2

56 112.6 96.9 136.9

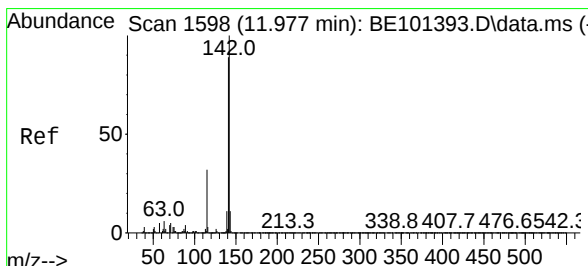
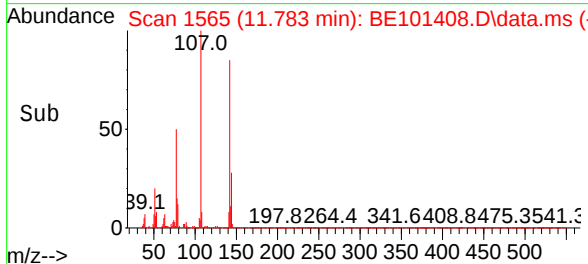
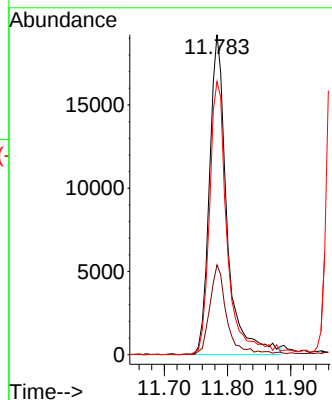
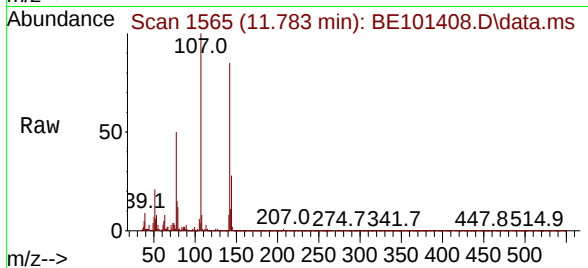




#36
4-Chloro-3-methylphenol
Concen: 3.693 ng
RT: 11.783 min Scan# 1565
Delta R.T. -0.006 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44

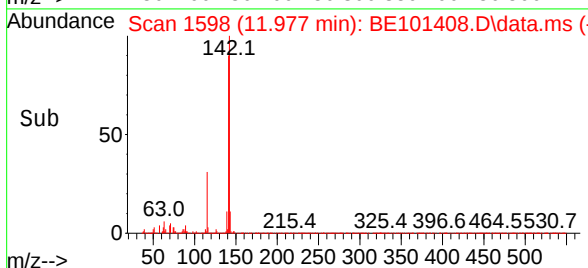
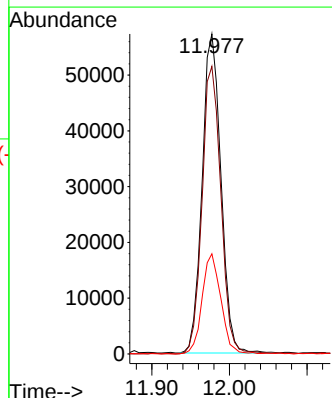
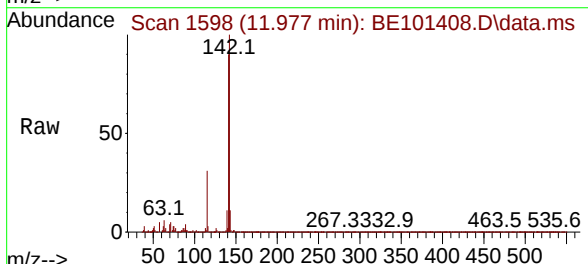
Instrument : BNA_E
ClientSampleId : LOQ-WATER-02-QT4-2024

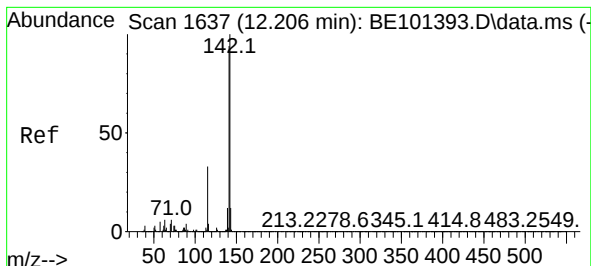
Tgt Ion:107 Resp: 36846
Ion Ratio Lower Upper
107 100
144 28.0 21.9 32.9
142 85.4 68.0 102.0



#37
2-Methylnaphthalene
Concen: 4.275 ng
RT: 11.977 min Scan# 1598
Delta R.T. 0.000 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44

Tgt Ion:142 Resp: 96449
Ion Ratio Lower Upper
142 100
141 89.8 71.4 107.2
115 31.3 25.6 38.4





#38

1-Methylnaphthalene

Concen: 4.006 ng

RT: 12.200 min Scan# 1

Delta R.T. -0.006 min

Lab File: BE101408.D

Acq: 29 Oct 2024 15:44

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT4-2024

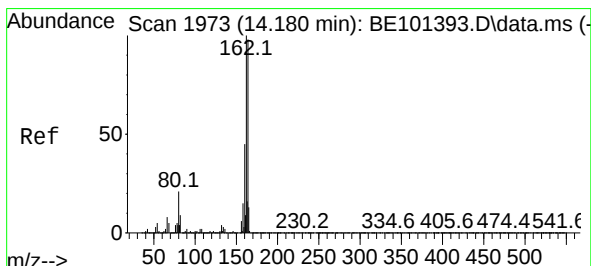
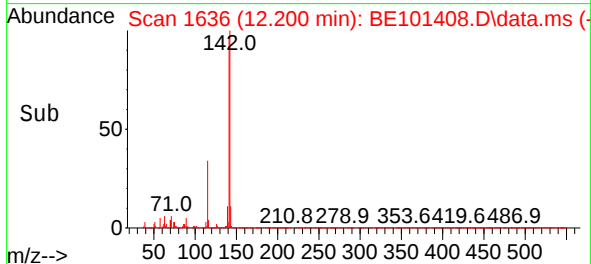
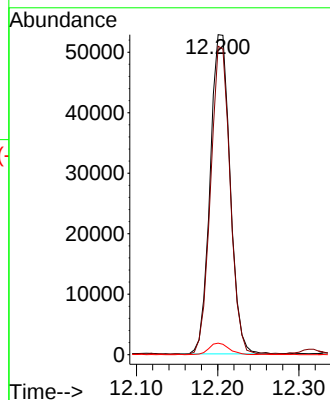
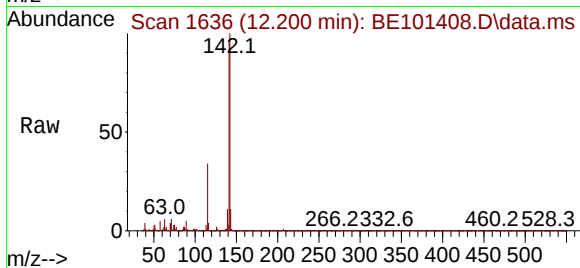
Tgt Ion:142 Resp: 90218

Ion Ratio Lower Upper

142 100

141 96.4 75.0 112.4

116 3.6 2.9 4.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.181 min Scan# 1973

Delta R.T. 0.000 min

Lab File: BE101408.D

Acq: 29 Oct 2024 15:44

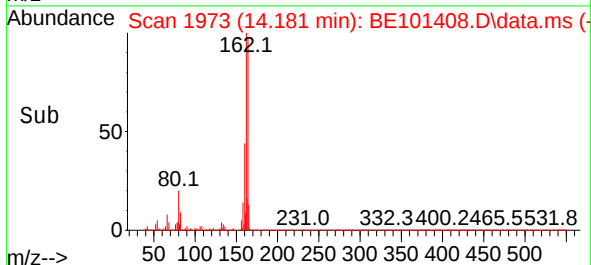
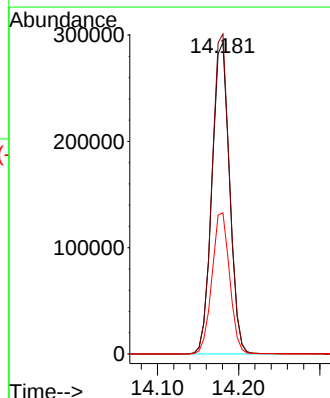
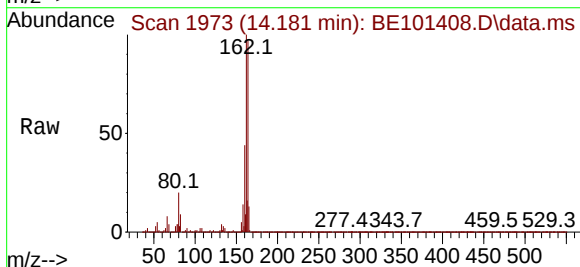
Tgt Ion:164 Resp: 439329

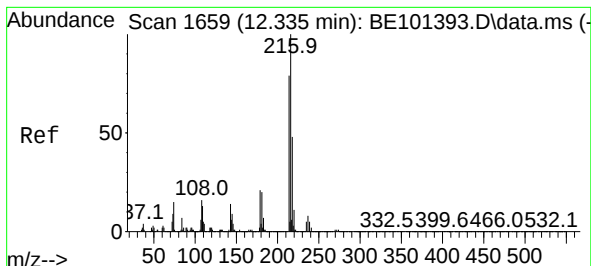
Ion Ratio Lower Upper

164 100

162 102.8 81.3 121.9

160 45.3 36.4 54.6





#40

1,2,4,5-Tetrachlorobenzene

Concen: 4.415 ng

RT: 12.336 min Scan# 1659

Delta R.T. 0.000 min

Lab File: BE101408.D

Acq: 29 Oct 2024 15:44

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion:216 Resp: 48690

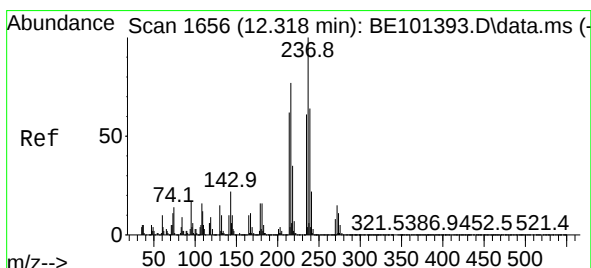
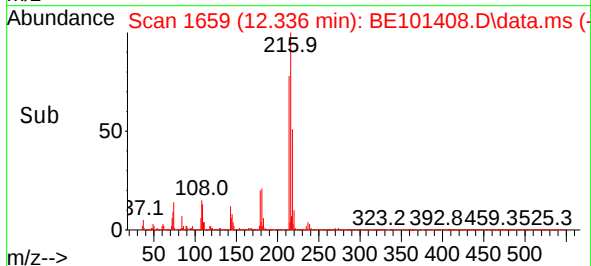
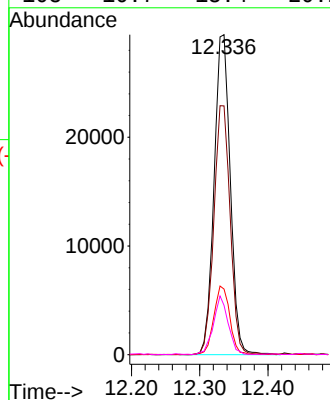
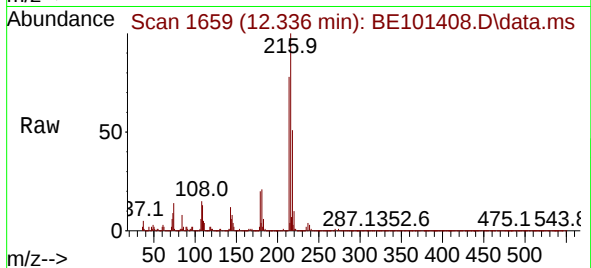
Ion Ratio Lower Upper

216 100

214 78.4 63.0 94.4

179 21.1 16.7 25.1

108 16.7 13.4 20.2



#41

Hexachlorocyclopentadiene

Concen: 3.620 ng

RT: 12.318 min Scan# 1656

Delta R.T. 0.000 min

Lab File: BE101408.D

Acq: 29 Oct 2024 15:44

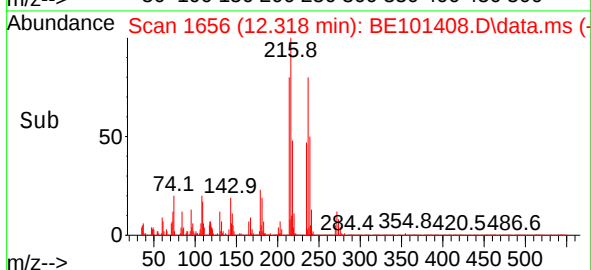
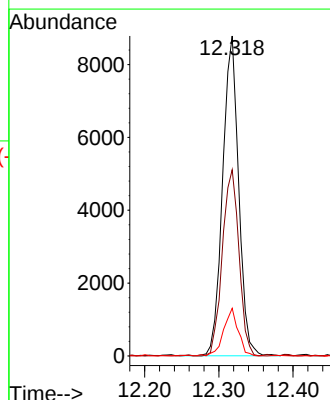
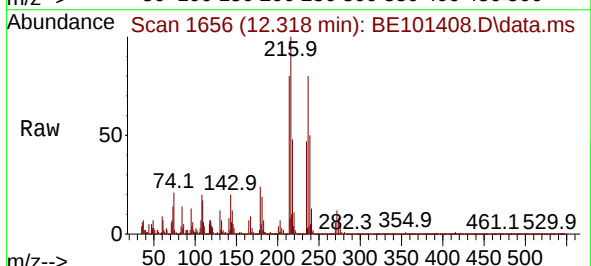
Tgt Ion:237 Resp: 13185

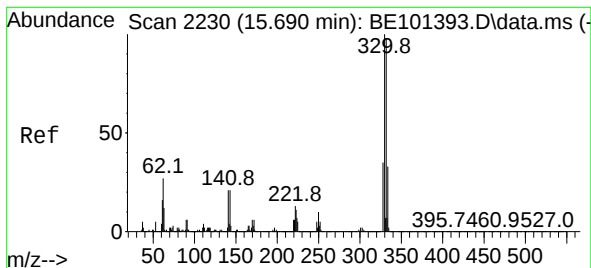
Ion Ratio Lower Upper

237 100

235 58.2 41.3 81.3

272 14.9 0.0 34.6





#42

2,4,6-Tribromophenol

Concen: 105.263 ng

RT: 15.685 min Scan# 21

Delta R.T. -0.006 min

Lab File: BE101408.D

Acq: 29 Oct 2024 15:44

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT4-2024

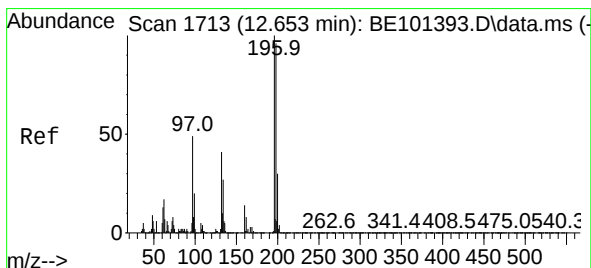
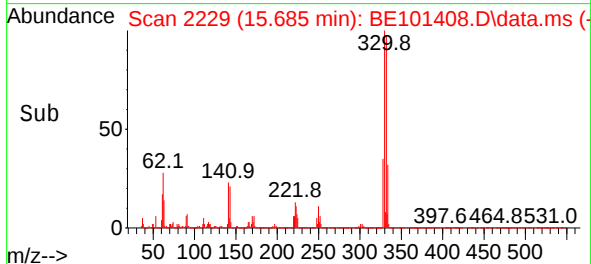
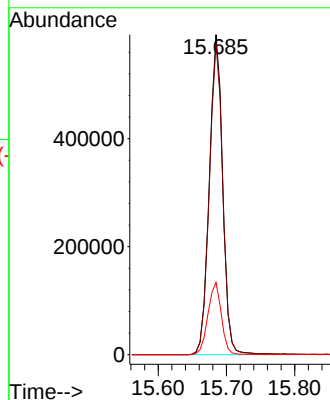
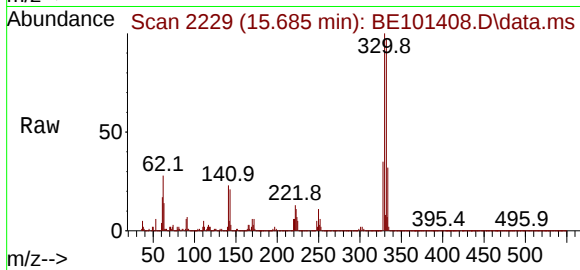
Tgt Ion:330 Resp: 810531

Ion Ratio Lower Upper

330 100

332 97.7 78.2 117.2

141 22.7 18.3 27.5



#43

2,4,6-Trichlorophenol

Concen: 3.794 ng

RT: 12.653 min Scan# 1713

Delta R.T. 0.000 min

Lab File: BE101408.D

Acq: 29 Oct 2024 15:44

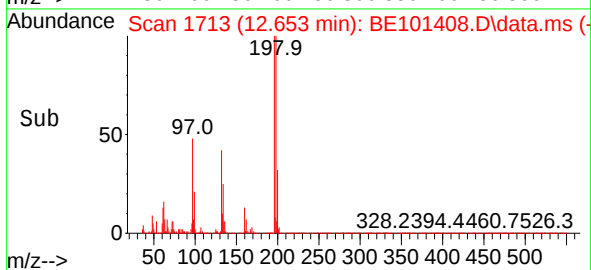
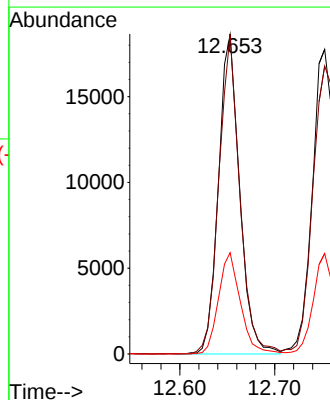
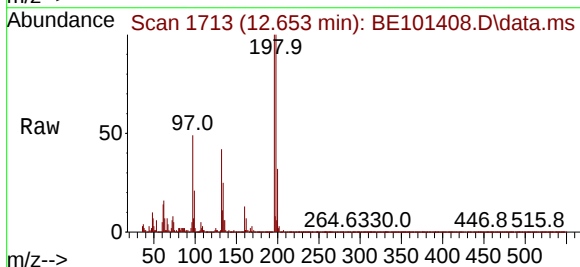
Tgt Ion:196 Resp: 28844

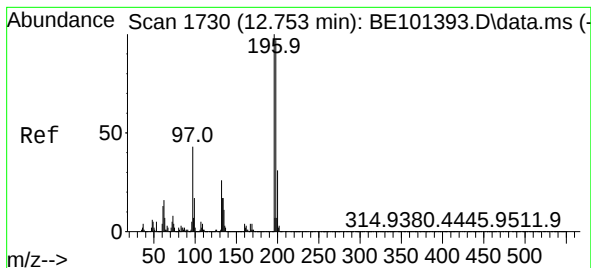
Ion Ratio Lower Upper

196 100

198 100.2 76.6 115.0

200 31.7 24.1 36.1





#44

2,4,5-Trichlorophenol

Concen: 3.818 ng

RT: 12.753 min Scan# 1730

Delta R.T. 0.000 min

Lab File: BE101408.D

Acq: 29 Oct 2024 15:44

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion:196 Resp: 33240

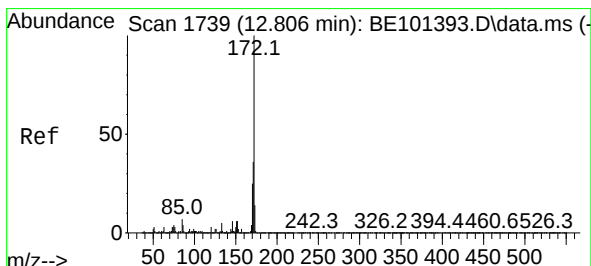
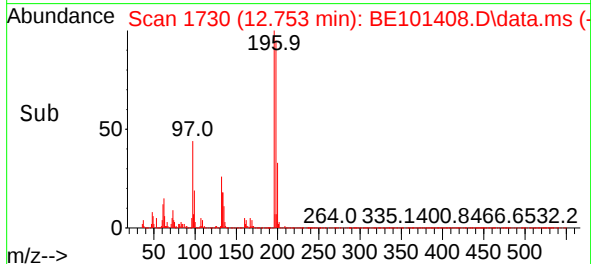
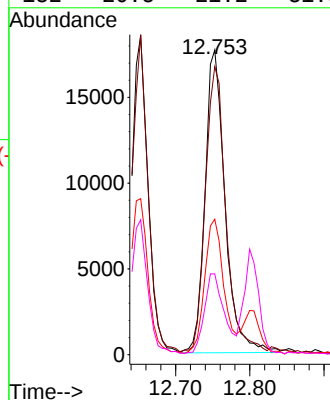
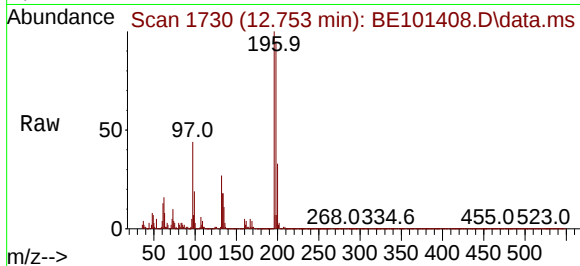
Ion Ratio Lower Upper

196 100

198 94.5 77.4 116.0

97 44.5 34.8 52.2

132 26.5 21.2 31.8



#45

2-Fluorobiphenyl

Concen: 75.861 ng

RT: 12.800 min Scan# 1738

Delta R.T. -0.006 min

Lab File: BE101408.D

Acq: 29 Oct 2024 15:44

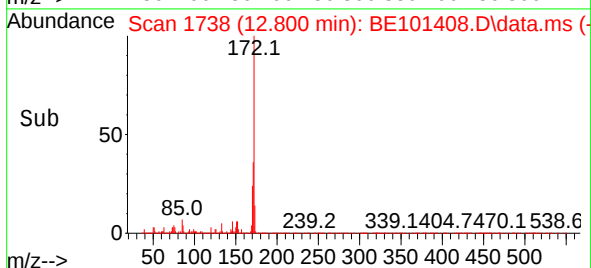
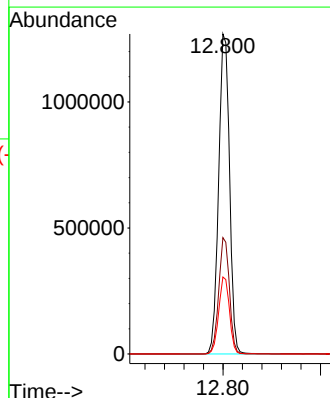
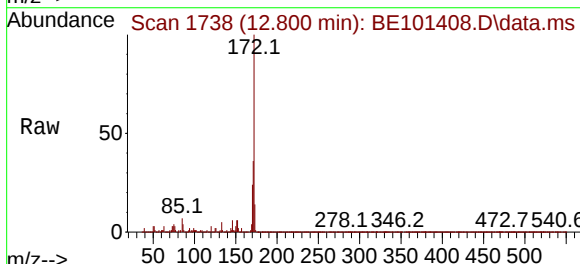
Tgt Ion:172 Resp: 1967944

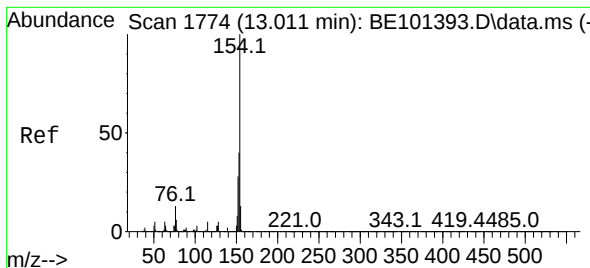
Ion Ratio Lower Upper

172 100

171 36.4 29.2 43.8

170 24.1 19.8 29.6





#46

1,1'-Biphenyl

Concen: 4.675 ng

RT: 13.005 min Scan# 1773

Delta R.T. -0.006 min

Lab File: BE101408.D

Acq: 29 Oct 2024 15:44

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT4-2024

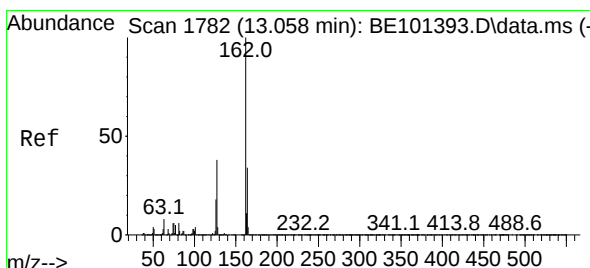
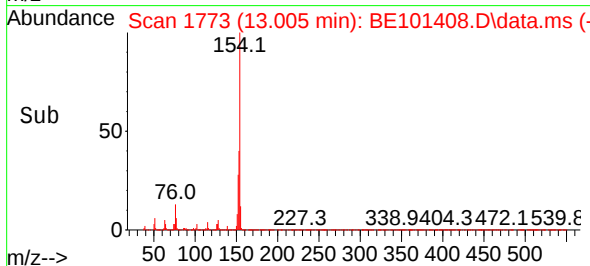
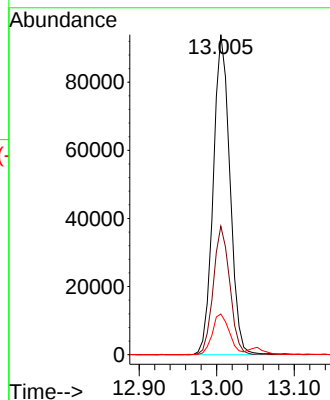
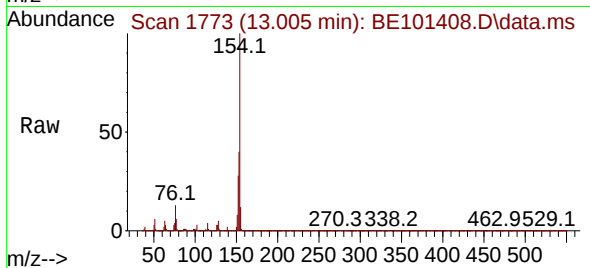
Tgt Ion:154 Resp: 140702

Ion Ratio Lower Upper

154 100

153 40.1 20.3 60.3

76 12.7 0.0 32.6



#47

2-Chloronaphthalene

Concen: 4.267 ng

RT: 13.052 min Scan# 1781

Delta R.T. -0.006 min

Lab File: BE101408.D

Acq: 29 Oct 2024 15:44

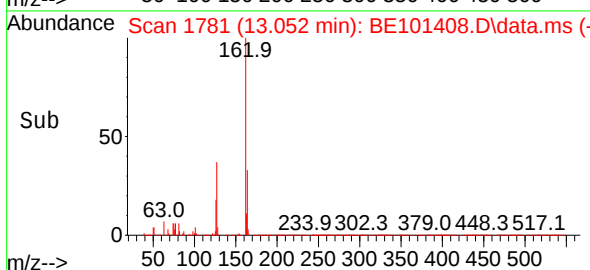
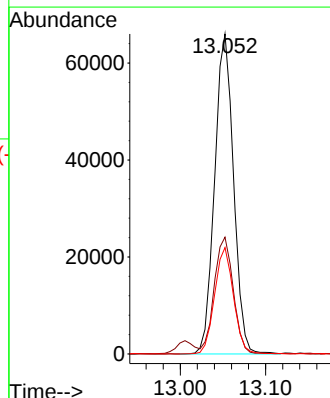
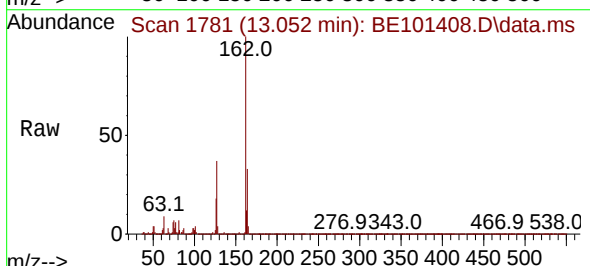
Tgt Ion:162 Resp: 101480

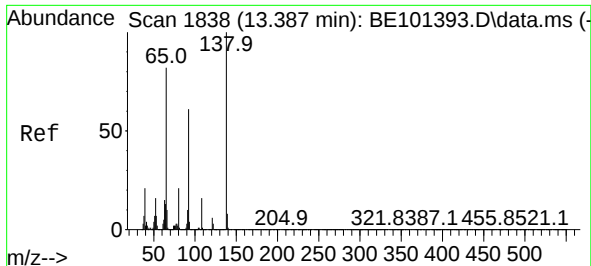
Ion Ratio Lower Upper

162 100

127 36.5 30.4 45.6

164 33.2 27.0 40.6





#48

2-Nitroaniline

Concen: 3.280 ng

RT: 13.381 min Scan# 1838

Delta R.T. -0.006 min

Lab File: BE101408.D

Acq: 29 Oct 2024 15:44

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT4-2024

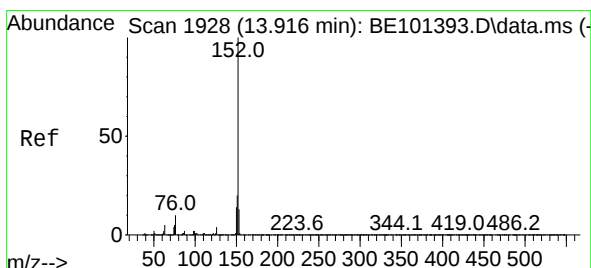
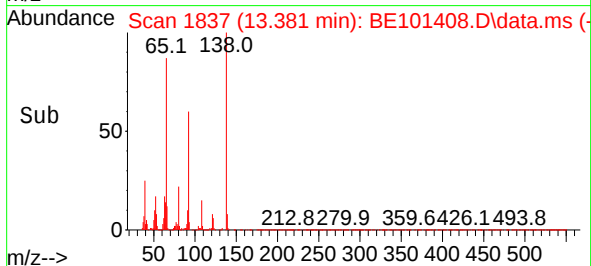
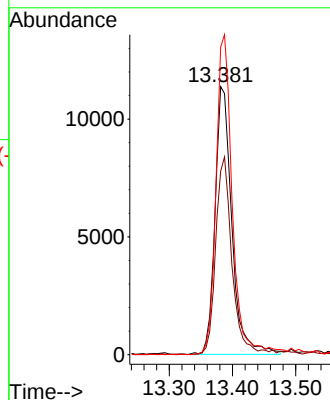
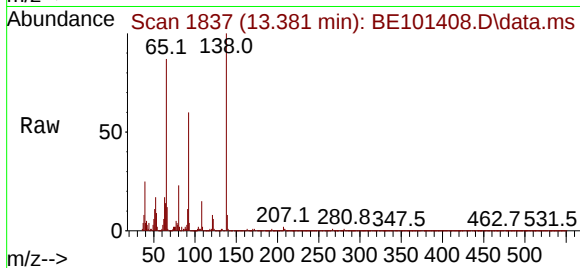
Tgt Ion: 65 Resp: 20994

Ion Ratio Lower Upper

65 100

92 68.5 59.0 88.4

138 114.8 97.4 146.0



#49

Acenaphthylene

Concen: 4.565 ng

RT: 13.910 min Scan# 1927

Delta R.T. -0.006 min

Lab File: BE101408.D

Acq: 29 Oct 2024 15:44

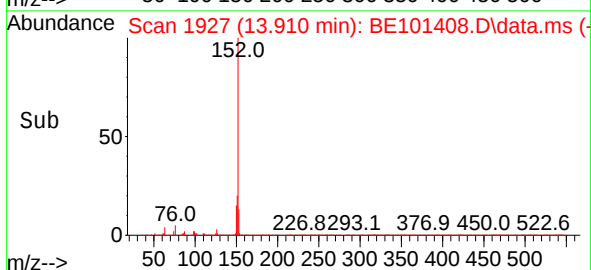
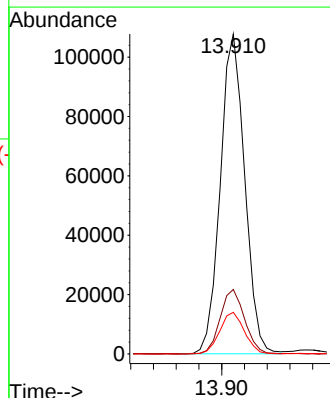
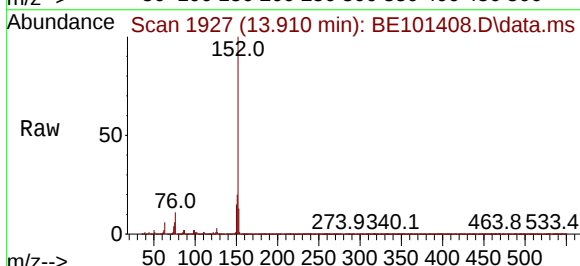
Tgt Ion:152 Resp: 160530

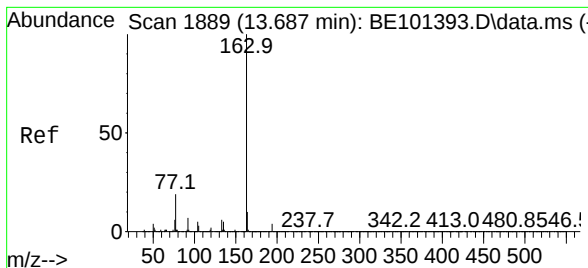
Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.4

153 13.0 10.5 15.7





#50

Dimethylphthalate

Concen: 4.271 ng

RT: 13.681 min Scan# 1889

Delta R.T. -0.006 min

Lab File: BE101408.D

Acq: 29 Oct 2024 15:44

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT4-2024

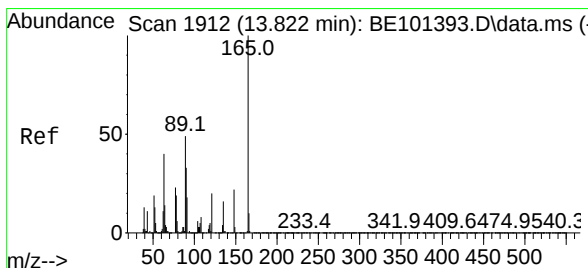
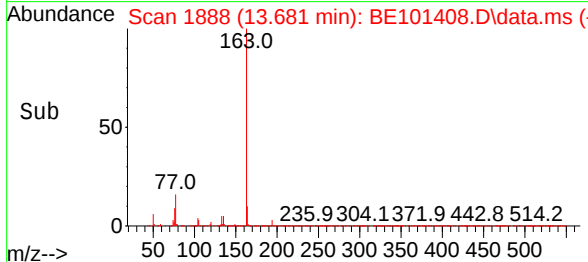
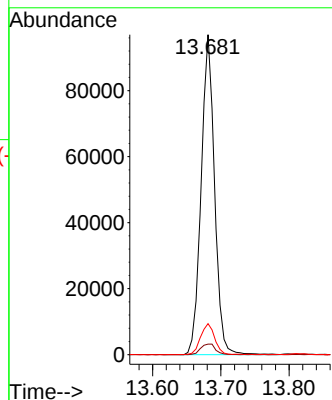
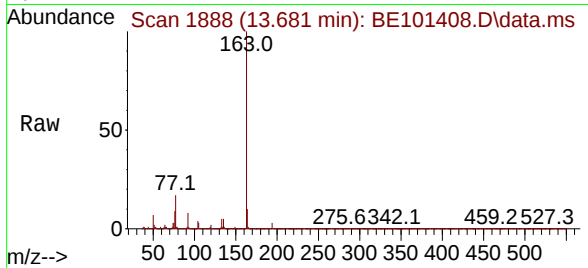
Tgt Ion:163 Resp: 132456

Ion Ratio Lower Upper

163 100

194 3.3 2.9 4.3

164 9.7 8.4 12.6



#51

2,6-Dinitrotoluene

Concen: 3.563 ng

RT: 13.816 min Scan# 1911

Delta R.T. -0.006 min

Lab File: BE101408.D

Acq: 29 Oct 2024 15:44

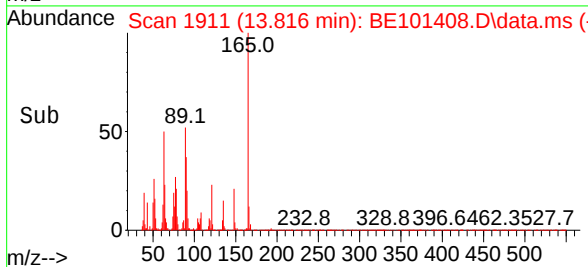
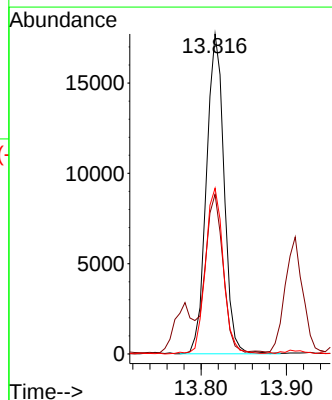
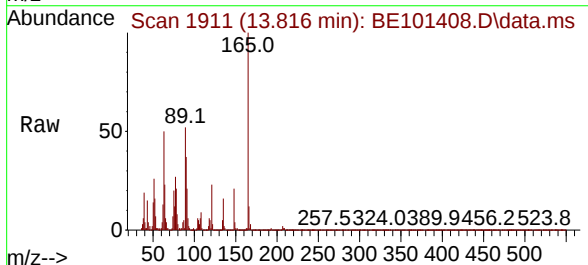
Tgt Ion:165 Resp: 25509

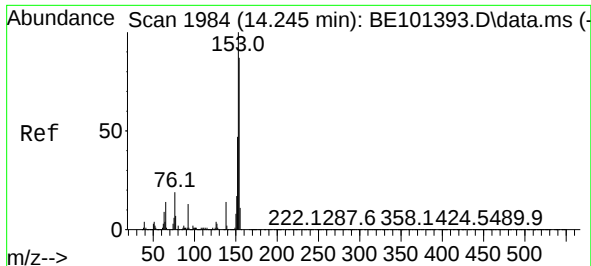
Ion Ratio Lower Upper

165 100

63 49.9 38.0 57.0

89 51.8 39.5 59.3

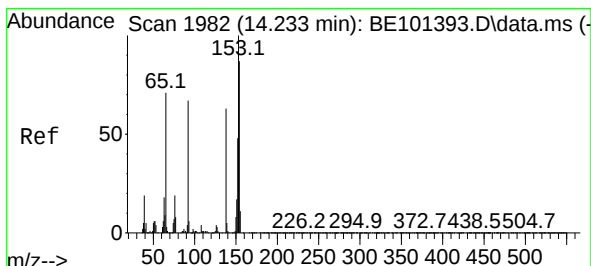
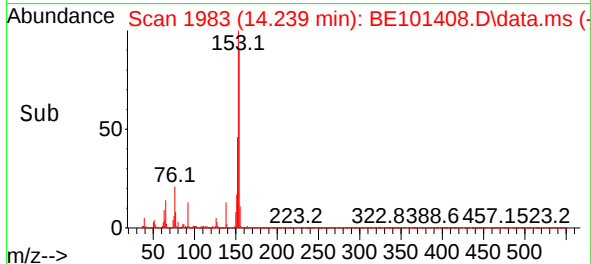
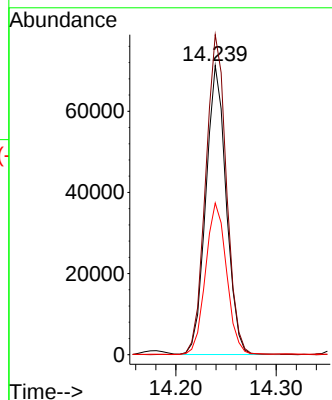
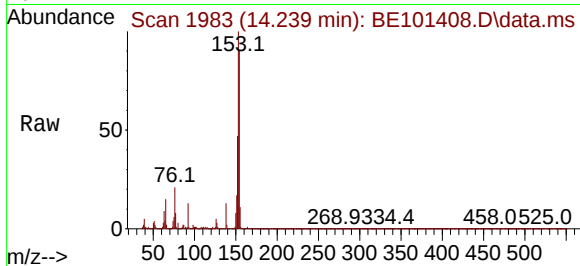




#52
Acenaphthene
Concen: 4.386 ng
RT: 14.239 min Scan# 1983
Delta R.T. -0.006 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44

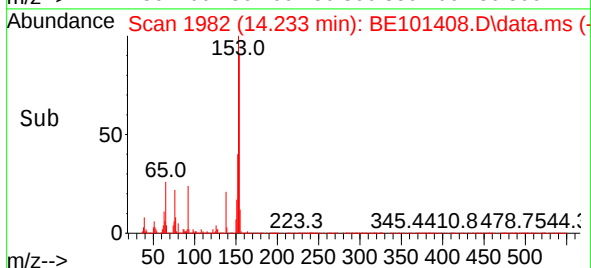
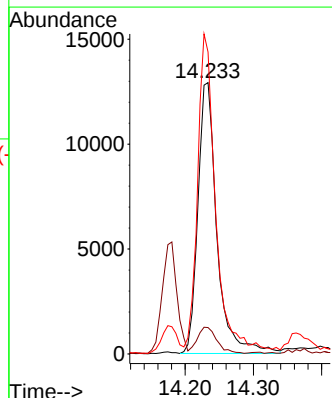
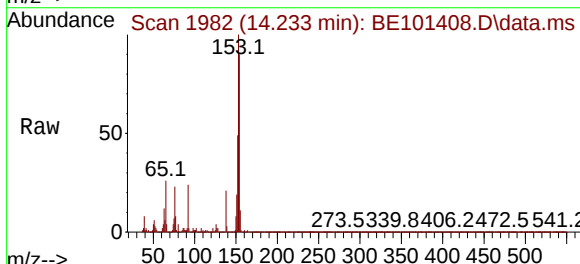
Instrument : BNA_E
ClientSampleId : LOQ-WATER-02-QT4-2024

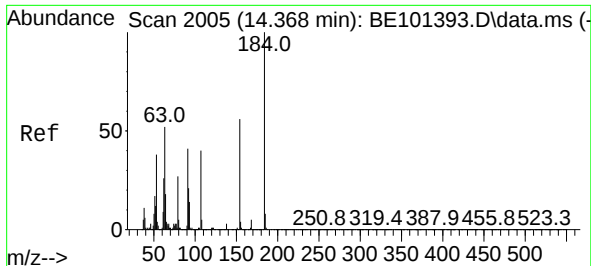
Tgt Ion:154 Resp: 100724
Ion Ratio Lower Upper
154 100
153 110.7 91.8 137.6
152 52.5 43.1 64.7



#53
3-Nitroaniline
Concen: 3.526 ng
RT: 14.233 min Scan# 1982
Delta R.T. 0.000 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44

Tgt Ion:138 Resp: 25100
Ion Ratio Lower Upper
138 100
108 9.7 7.1 10.7
92 111.2 84.4 126.6

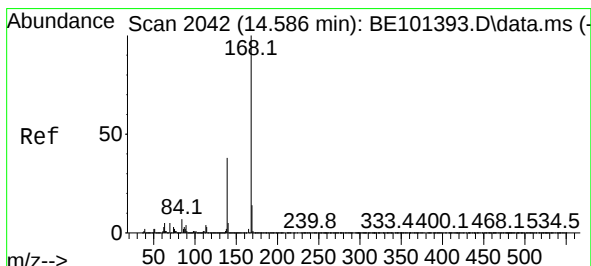
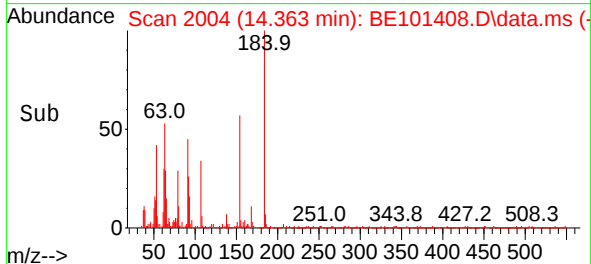
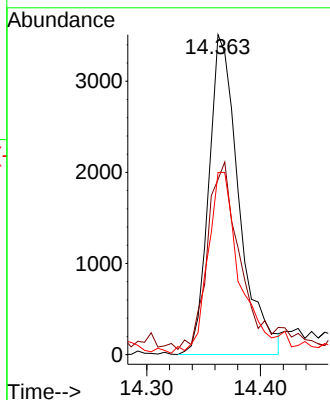
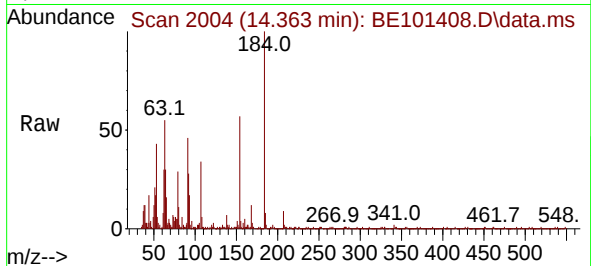




#54
2,4-Dinitrophenol
Concen: 6.801 ng
RT: 14.363 min Scan# 2004
Delta R.T. -0.005 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44

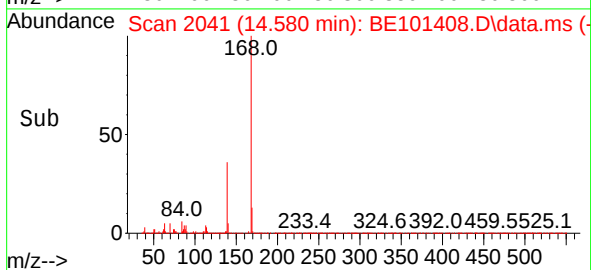
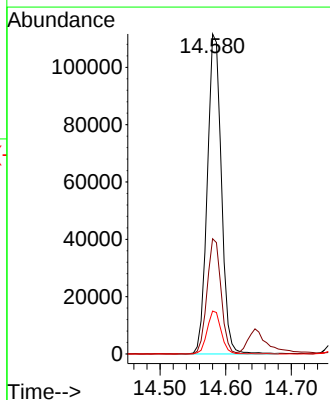
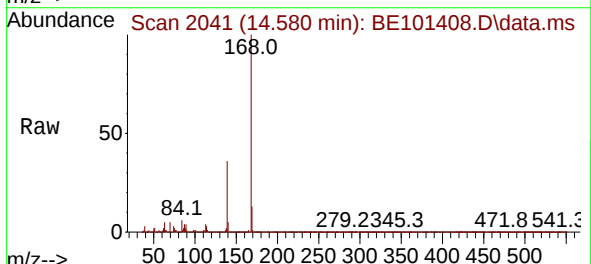
Instrument :
BNA_E
ClientSampleId :
LOQ-WATER-02-QT4-2024

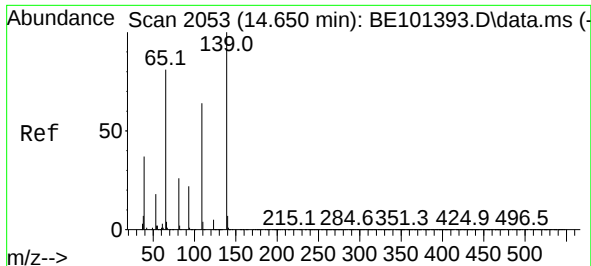
Tgt Ion:184 Resp: 6481
Ion Ratio Lower Upper
184 100
63 54.8 41.8 62.6
154 57.0 44.9 67.3



#55
Dibenzofuran
Concen: 4.545 ng
RT: 14.580 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44

Tgt Ion:168 Resp: 166339
Ion Ratio Lower Upper
168 100
139 36.0 30.2 45.4
169 13.4 11.0 16.4

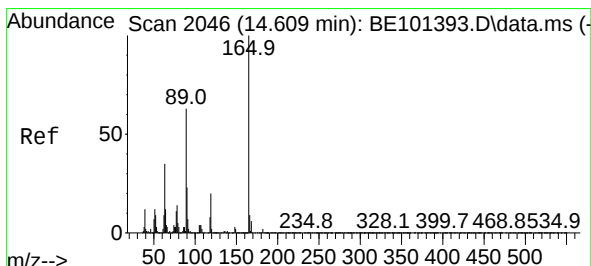
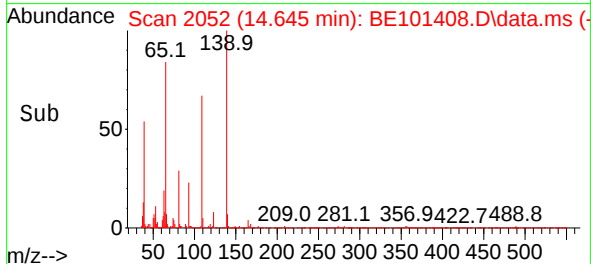
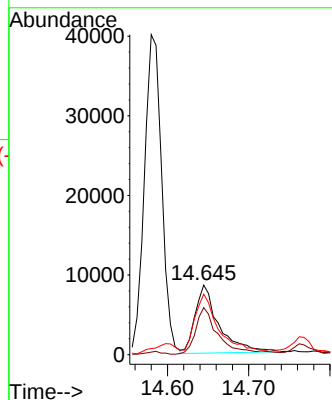
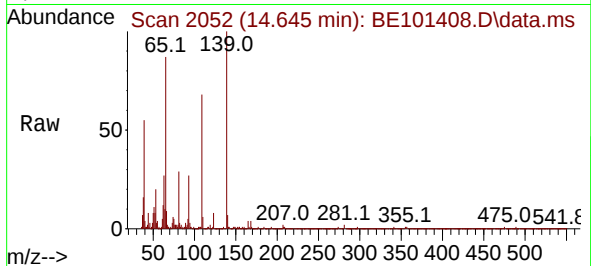




#56
4-Nitrophenol
Concen: 2.661 ng
RT: 14.645 min Scan# 2052
Delta R.T. -0.005 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44

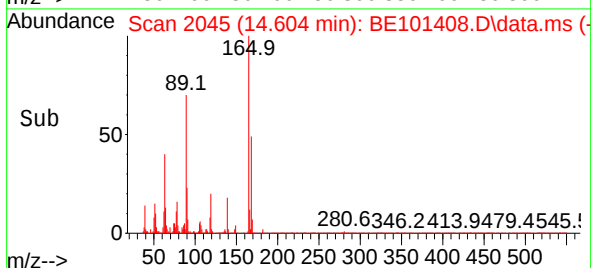
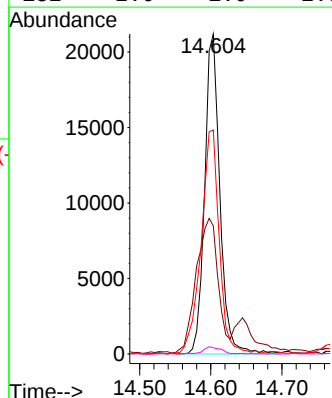
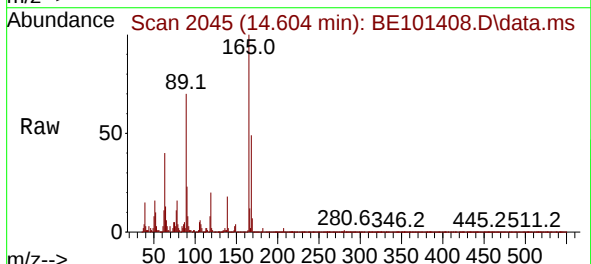
Instrument :
BNA_E
ClientSampleId :
LOQ-WATER-02-QT4-2024

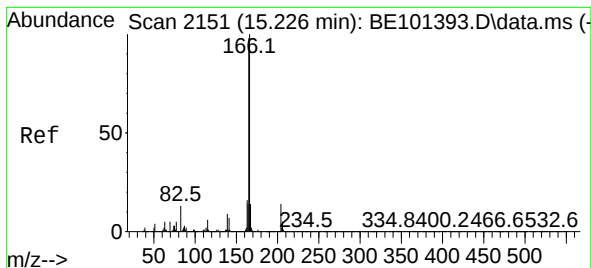
Tgt Ion:139 Resp: 17349
Ion Ratio Lower Upper
139 100
109 67.5 42.4 82.4
65 87.0 63.4 103.4



#57
2,4-Dinitrotoluene
Concen: 3.211 ng
RT: 14.604 min Scan# 2045
Delta R.T. -0.006 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44

Tgt Ion:165 Resp: 31647
Ion Ratio Lower Upper
165 100
63 40.0 28.6 42.8
89 70.0 50.8 76.2
182 2.0 1.9 2.9





#58

Fluorene

Concen: 4.339 ng

RT: 15.220 min Scan# 2151

Delta R.T. -0.006 min

Lab File: BE101408.D

Acq: 29 Oct 2024 15:44

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT4-2024

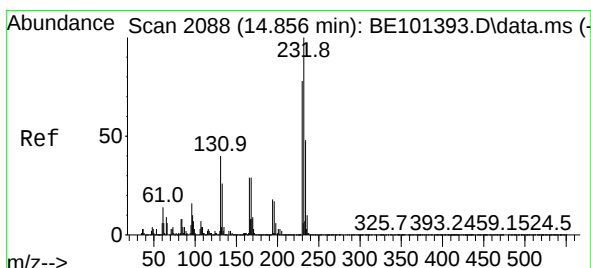
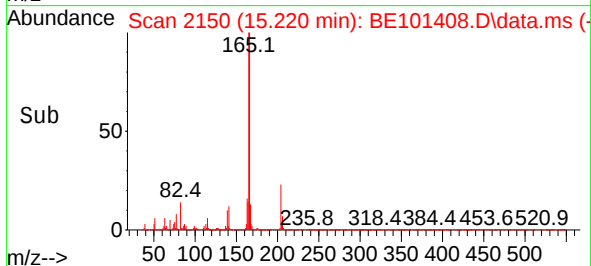
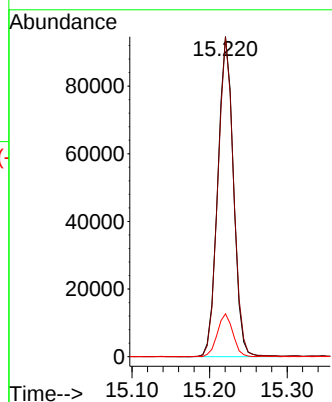
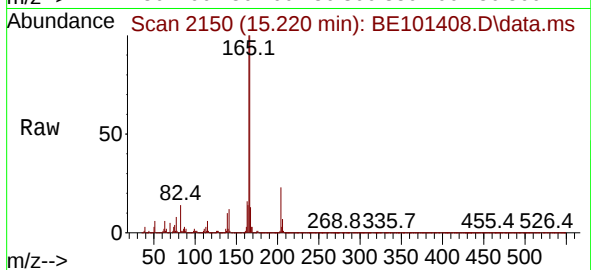
Tgt Ion:166 Resp: 132845

Ion Ratio Lower Upper

166 100

165 100.0 78.7 118.1

167 13.4 11.0 16.4



#59

2,3,4,6-Tetrachlorophenol

Concen: 4.248 ng

RT: 14.850 min Scan# 2087

Delta R.T. -0.006 min

Lab File: BE101408.D

Acq: 29 Oct 2024 15:44

Tgt Ion:232 Resp: 34172

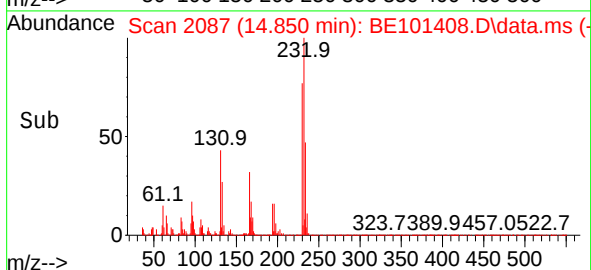
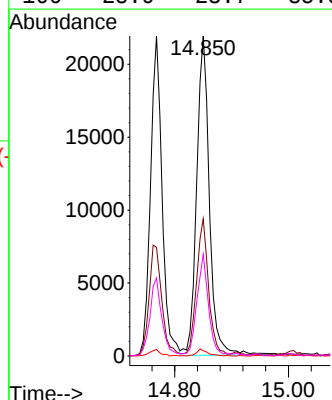
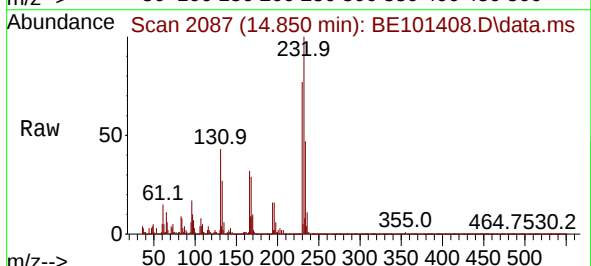
Ion Ratio Lower Upper

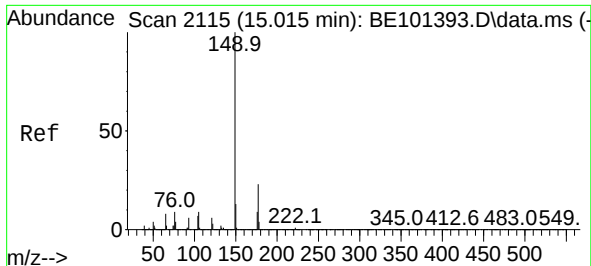
232 100

131 39.4 33.5 50.3

130 1.9 1.6 2.4

166 28.9 23.7 35.5

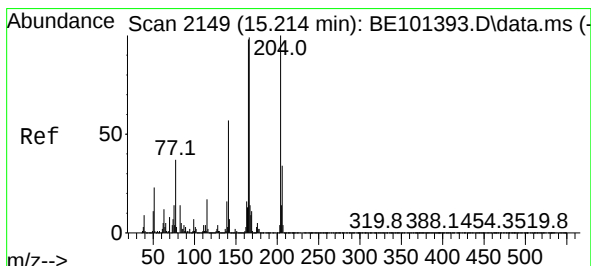
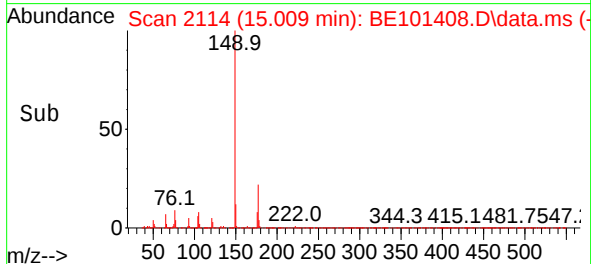
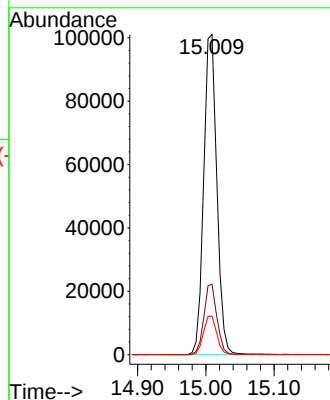
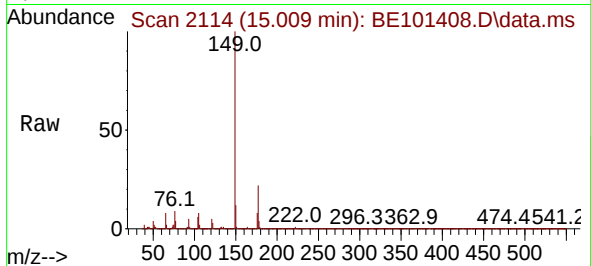




#60
Diethylphthalate
Concen: 4.186 ng
RT: 15.009 min Scan# 2115
Delta R.T. -0.006 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44

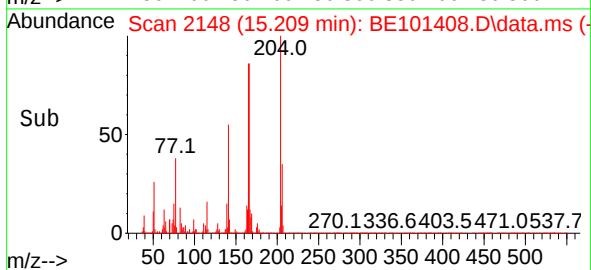
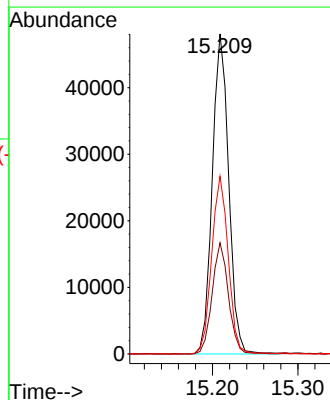
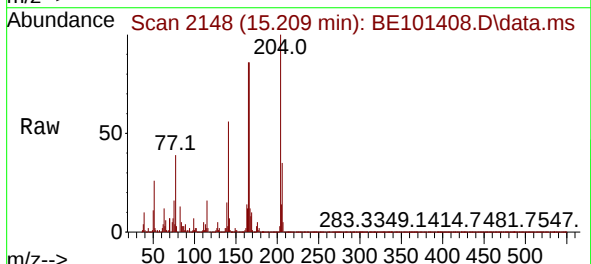
Instrument :
BNA_E
ClientSampleId :
LOQ-WATER-02-QT4-2024

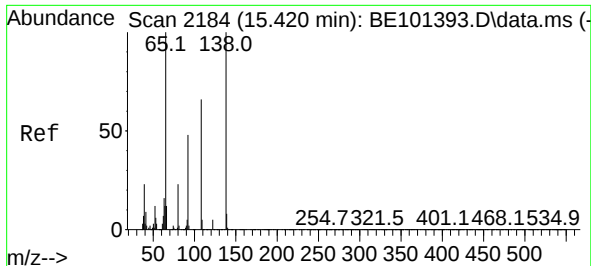
Tgt Ion:149 Resp: 135786
Ion Ratio Lower Upper
149 100
177 22.0 18.0 27.0
150 12.1 10.3 15.5



#61
4-Chlorophenyl-phenylether
Concen: 4.225 ng
RT: 15.209 min Scan# 2148
Delta R.T. -0.006 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44

Tgt Ion:204 Resp: 64197
Ion Ratio Lower Upper
204 100
206 34.8 26.9 40.3
141 55.5 45.9 68.9





#62

4-Nitroaniline

Concen: 3.053 ng

RT: 15.414 min Scan# 2184

Delta R.T. -0.006 min

Lab File: BE101408.D

Acq: 29 Oct 2024 15:44

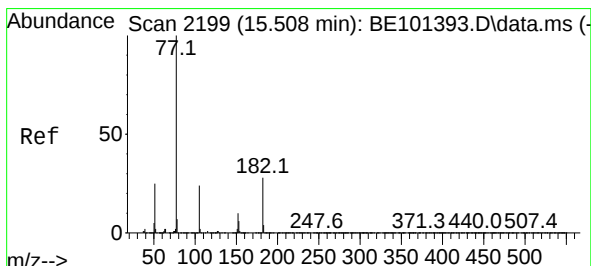
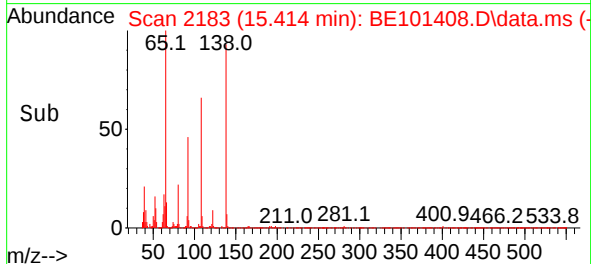
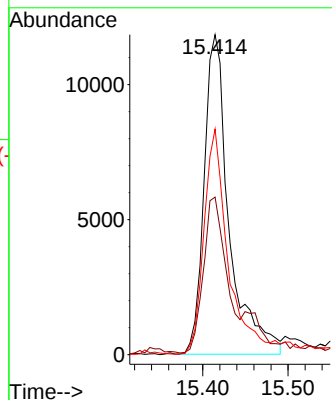
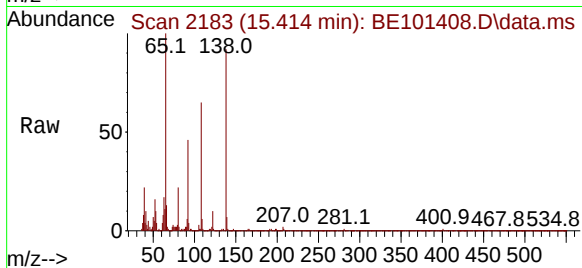
Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion:138	Resp:	24184
Ion Ratio	Lower	Upper
138	100	
92	49.3	28.7 68.7
108	70.5	46.5 86.5



#63

Azobenzene

Concen: 4.365 ng

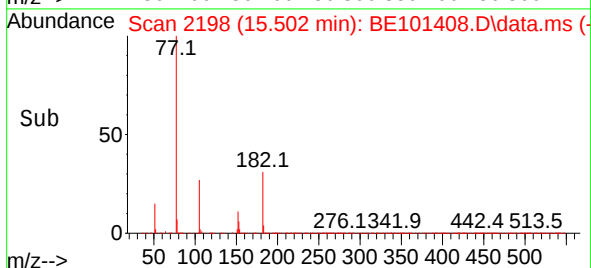
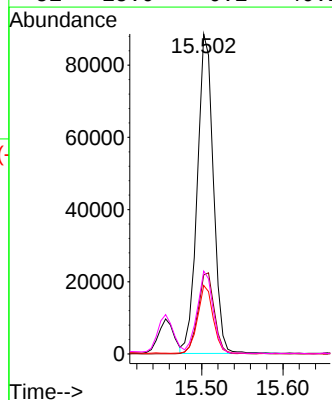
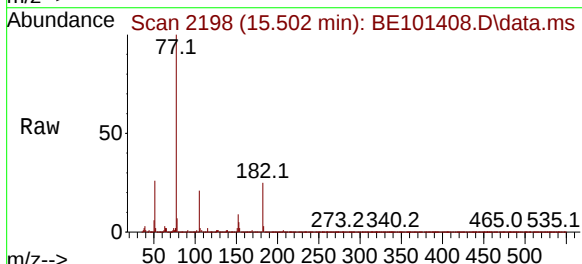
RT: 15.502 min Scan# 2198

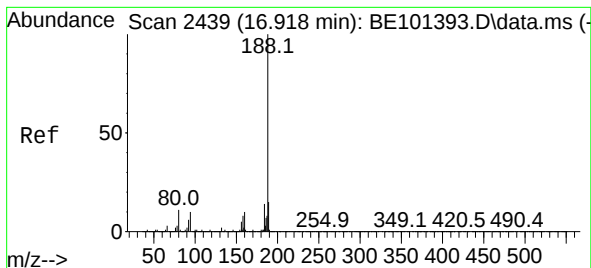
Delta R.T. -0.006 min

Lab File: BE101408.D

Acq: 29 Oct 2024 15:44

Tgt Ion: 77	Resp:	121716
Ion Ratio	Lower	Upper
77	100	
182	24.7	7.6 47.6
105	21.4	3.2 43.2
51	25.9	6.2 46.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.913 min Scan# 2439

Delta R.T. -0.006 min

Lab File: BE101408.D

Acq: 29 Oct 2024 15:44

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT4-2024

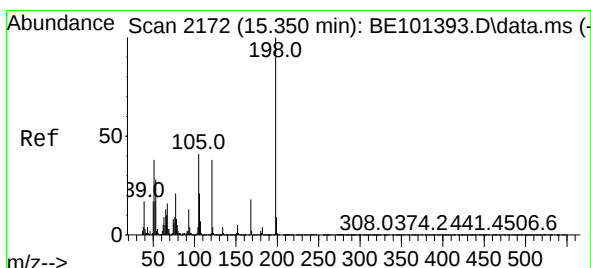
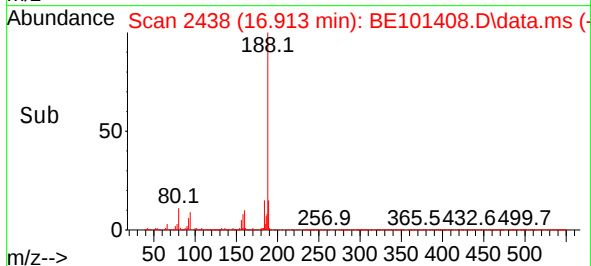
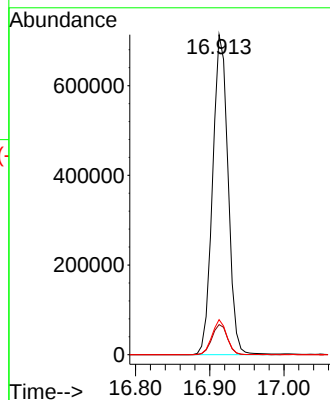
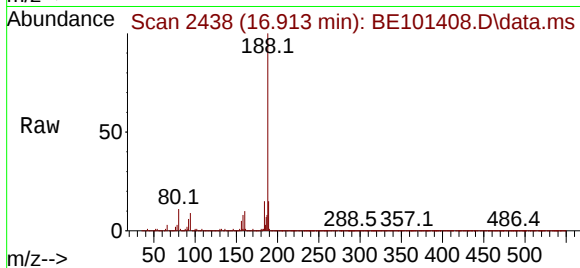
Tgt Ion:188 Resp: 1030768

Ion Ratio Lower Upper

188 100

94 9.4 7.8 11.8

80 11.0 8.6 12.8



#65

4,6-Dinitro-2-methylphenol

Concen: 2.268 ng

RT: 15.344 min Scan# 2171

Delta R.T. -0.006 min

Lab File: BE101408.D

Acq: 29 Oct 2024 15:44

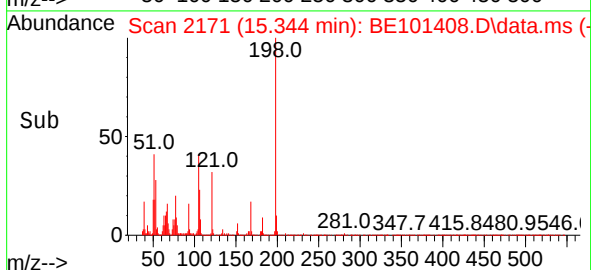
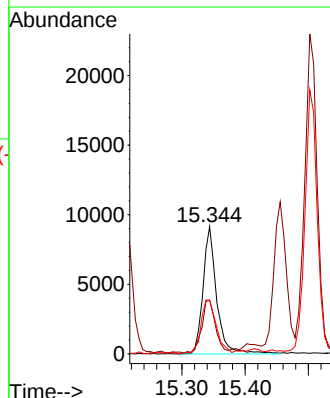
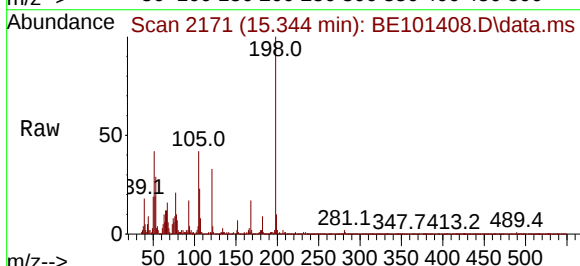
Tgt Ion:198 Resp: 13737

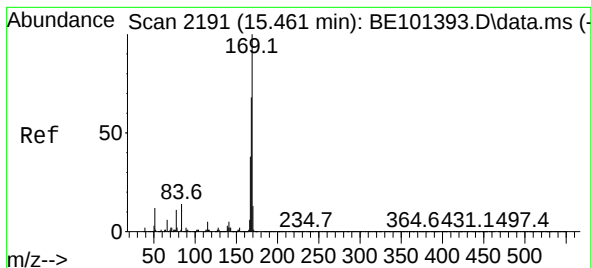
Ion Ratio Lower Upper

198 100

51 42.2 18.2 58.2

105 42.2 21.5 61.5





#66

n-Nitrosodiphenylamine

Concen: 4.299 ng

RT: 15.455 min Scan# 2191

Delta R.T. -0.006 min

Lab File: BE101408.D

Acq: 29 Oct 2024 15:44

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT4-2024

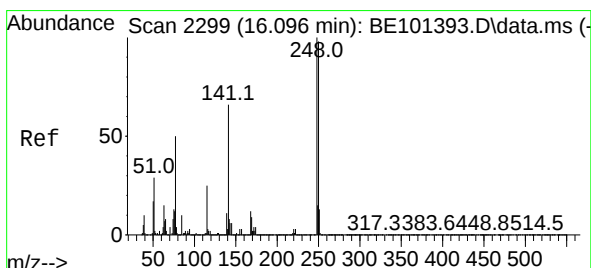
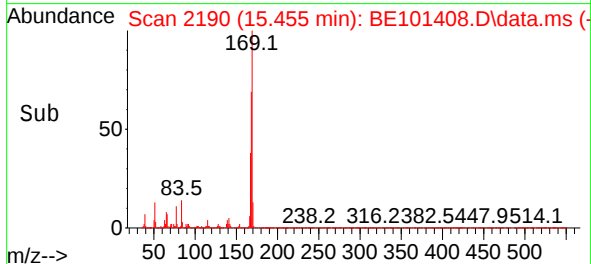
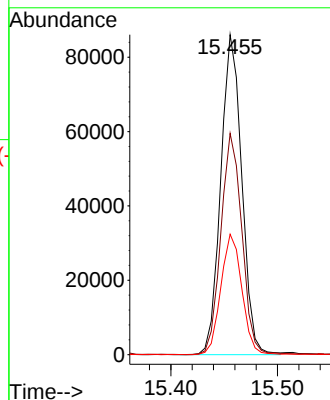
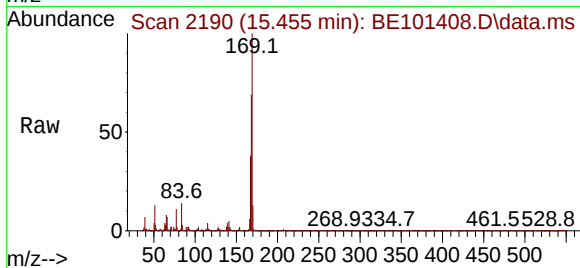
Tgt Ion:169 Resp: 117518

Ion Ratio Lower Upper

169 100

168 69.2 54.5 81.7

167 37.6 30.4 45.6



#67

4-Bromophenyl-phenylether

Concen: 4.142 ng

RT: 16.096 min Scan# 2299

Delta R.T. 0.000 min

Lab File: BE101408.D

Acq: 29 Oct 2024 15:44

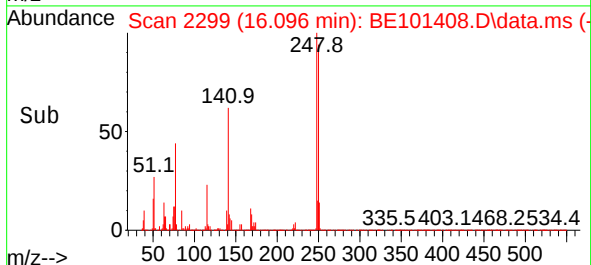
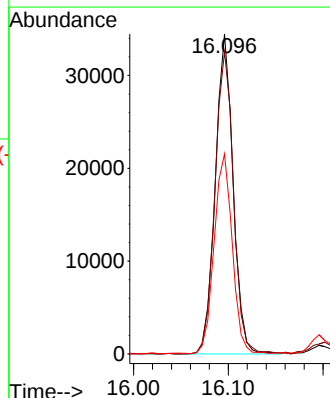
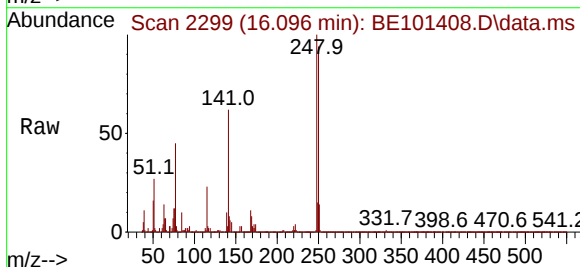
Tgt Ion:248 Resp: 44915

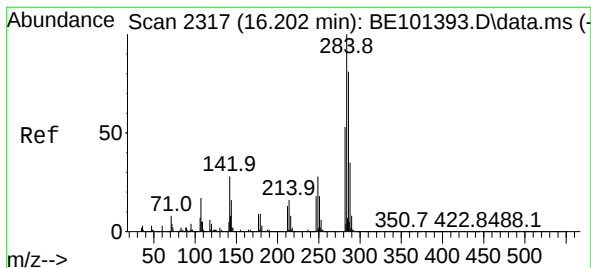
Ion Ratio Lower Upper

248 100

250 94.4 78.2 117.2

141 62.5 53.0 79.4





#68

Hexachlorobenzene

Concen: 4.124 ng

RT: 16.202 min Scan# 2317

Delta R.T. -0.000 min

Lab File: BE101408.D

Acq: 29 Oct 2024 15:44

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT4-2024

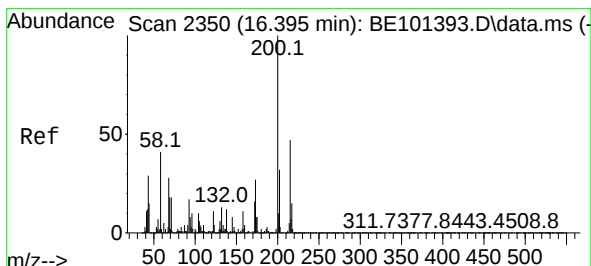
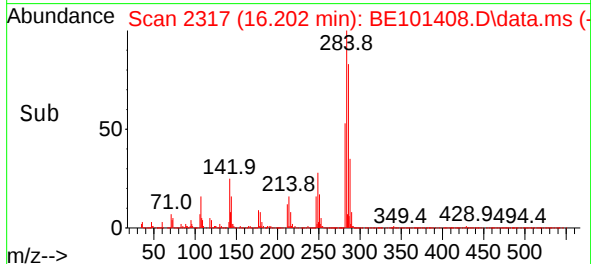
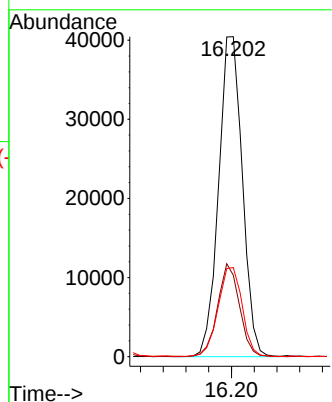
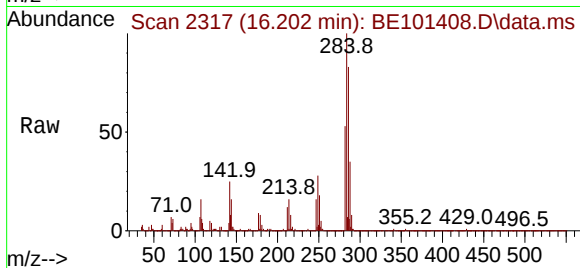
Tgt Ion:284 Resp: 58611

Ion Ratio Lower Upper

284 100

142 25.4 22.2 33.2

249 31.0 22.8 34.2



#69

Atrazine

Concen: 4.948 ng

RT: 16.390 min Scan# 2349

Delta R.T. -0.005 min

Lab File: BE101408.D

Acq: 29 Oct 2024 15:44

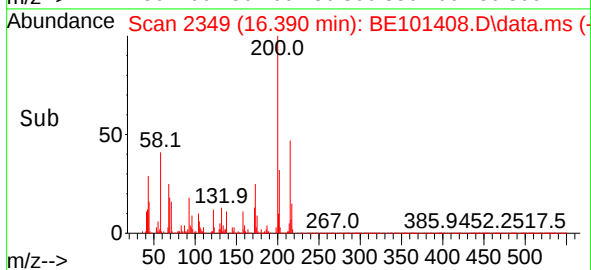
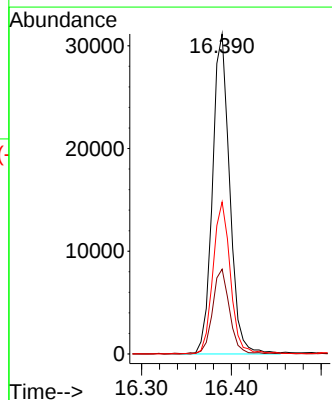
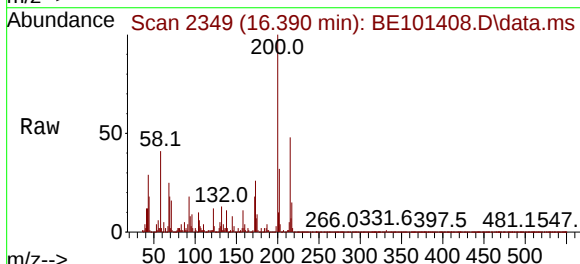
Tgt Ion:200 Resp: 41462

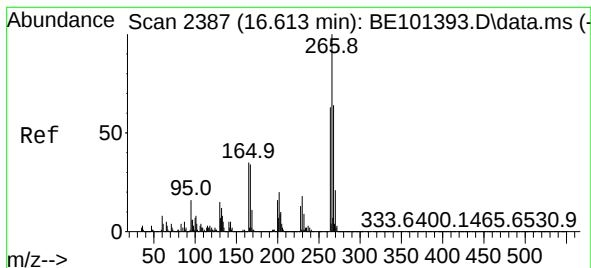
Ion Ratio Lower Upper

200 100

173 26.5 7.0 47.0

215 47.5 27.3 67.3





#70

Pentachlorophenol

Concen: 2.851 ng

RT: 16.607 min Scan# 2445

Delta R.T. -0.006 min

Lab File: BE101408.D

Acq: 29 Oct 2024 15:44

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT4-2024

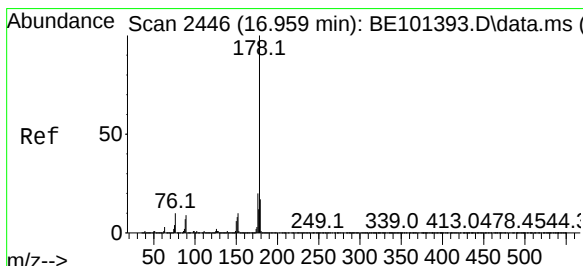
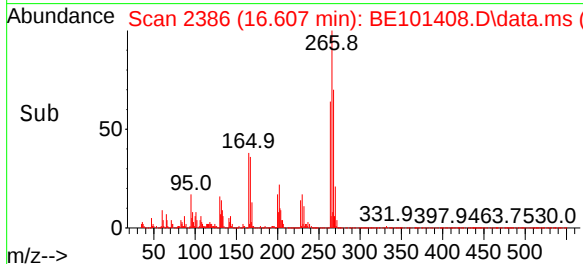
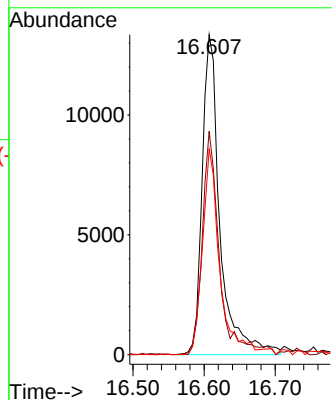
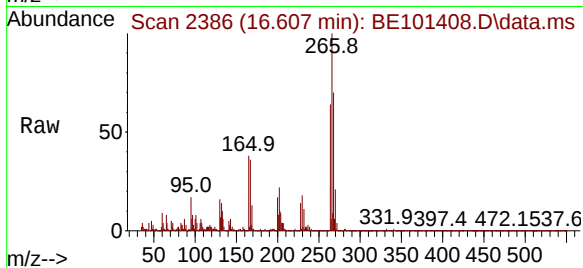
Tgt Ion:266 Resp: 23324

Ion Ratio Lower Upper

266 100

268 69.8 51.5 77.3

264 64.2 50.7 76.1



#71

Phenanthrene

Concen: 4.670 ng

RT: 16.954 min Scan# 2445

Delta R.T. -0.006 min

Lab File: BE101408.D

Acq: 29 Oct 2024 15:44

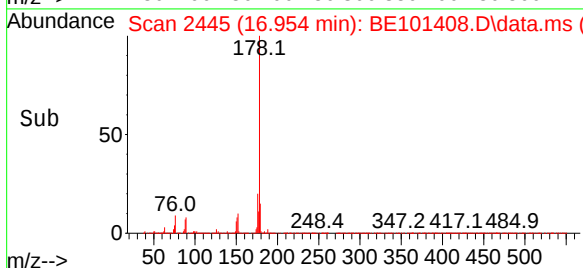
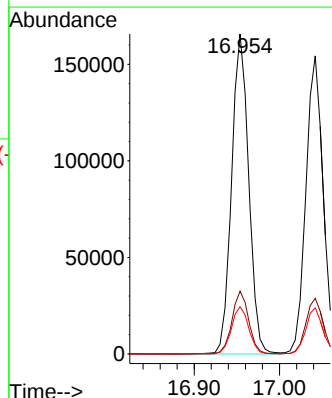
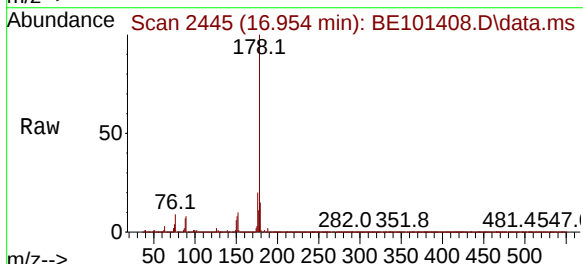
Tgt Ion:178 Resp: 230482

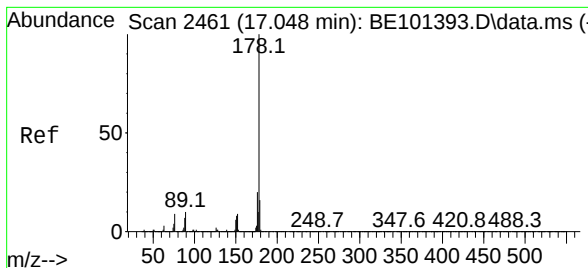
Ion Ratio Lower Upper

178 100

176 19.6 16.4 24.6

179 14.8 13.2 19.8





#72

Anthracene

Concen: 4.559 ng

RT: 17.042 min Scan# 2461

Delta R.T. -0.006 min

Lab File: BE101408.D

Acq: 29 Oct 2024 15:44

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT4-2024

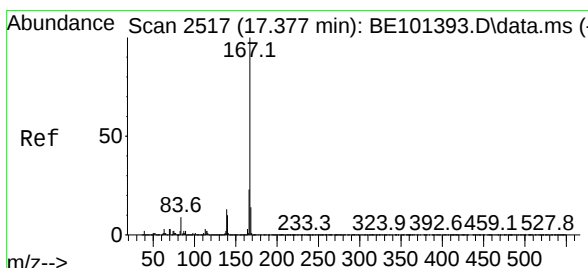
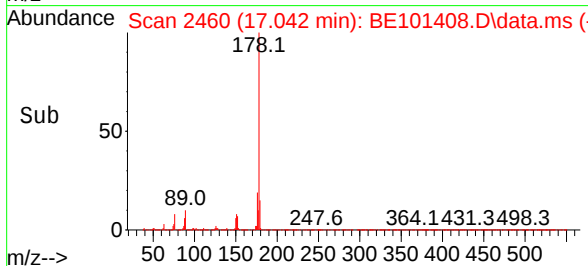
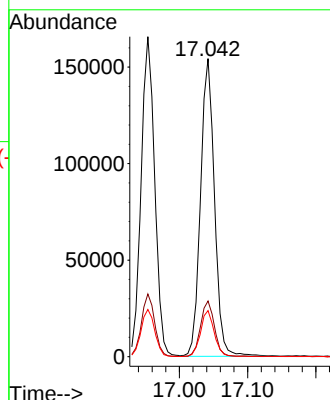
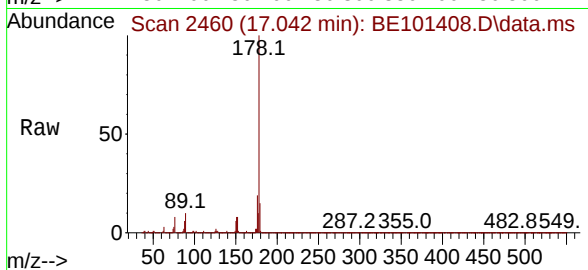
Tgt Ion:178 Resp: 219698

Ion Ratio Lower Upper

178 100

176 18.7 15.9 23.9

179 15.5 13.1 19.7



#73

Carbazole

Concen: 4.305 ng

RT: 17.371 min Scan# 2516

Delta R.T. -0.006 min

Lab File: BE101408.D

Acq: 29 Oct 2024 15:44

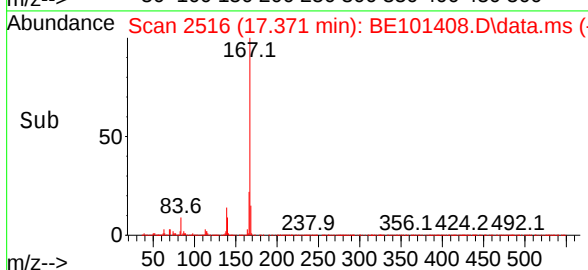
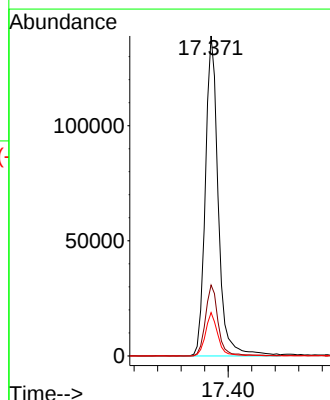
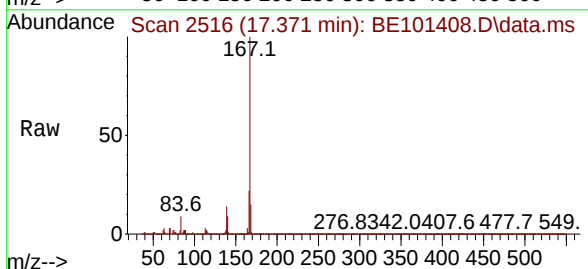
Tgt Ion:167 Resp: 212245

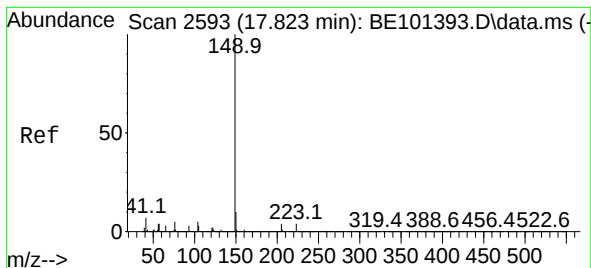
Ion Ratio Lower Upper

167 100

166 22.1 18.3 27.5

139 13.6 10.8 16.2





#74

Di-n-butylphthalate

Concen: 4.332 ng

RT: 17.823 min Scan# 2593

Delta R.T. 0.000 min

Lab File: BE101408.D

Acq: 29 Oct 2024 15:44

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT4-2024

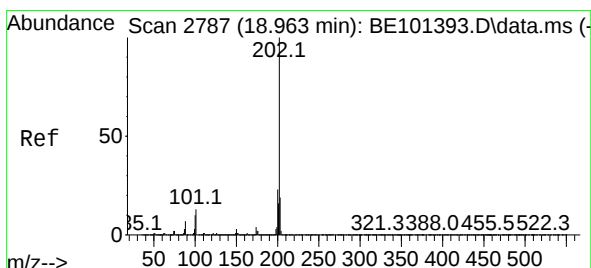
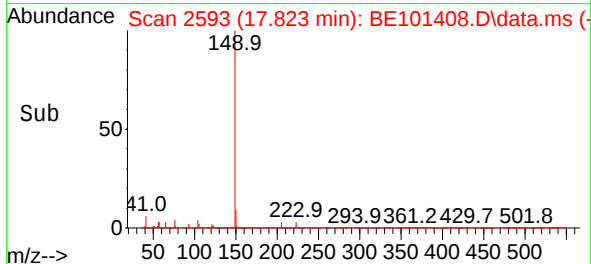
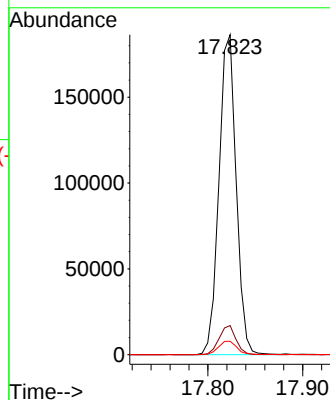
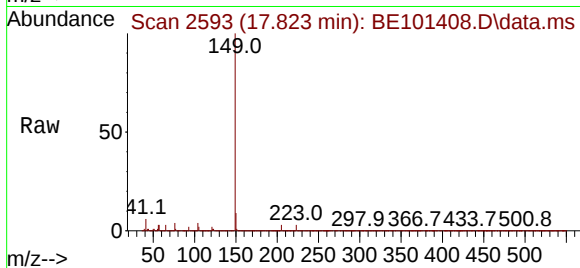
Tgt Ion:149 Resp: 235135

Ion Ratio Lower Upper

149 100

150 9.1 8.2 12.4

104 4.2 3.9 5.9



#75

Fluoranthene

Concen: 4.610 ng

RT: 18.957 min Scan# 2786

Delta R.T. -0.006 min

Lab File: BE101408.D

Acq: 29 Oct 2024 15:44

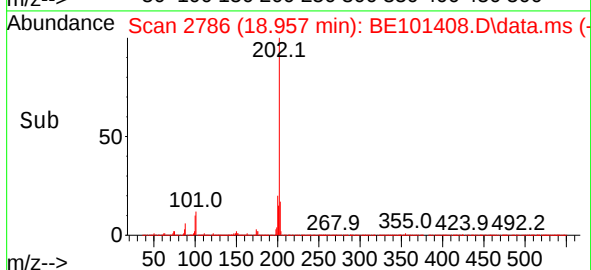
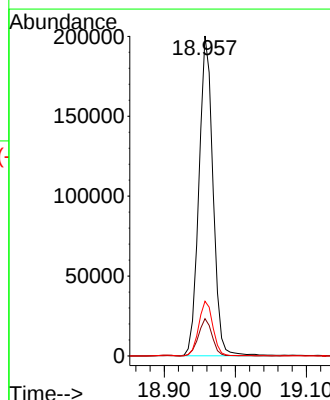
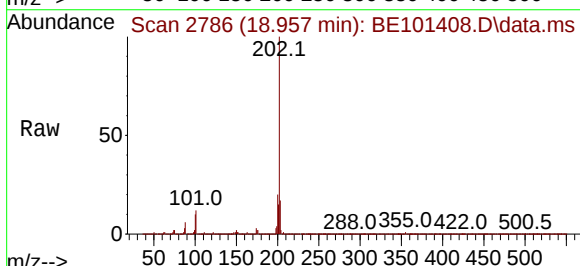
Tgt Ion:202 Resp: 276302

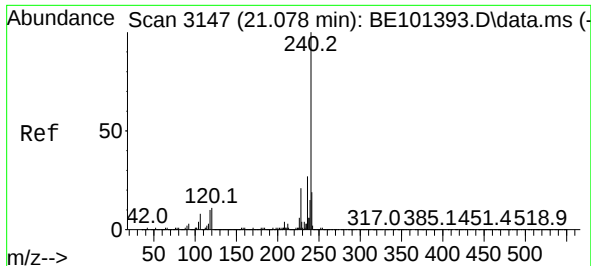
Ion Ratio Lower Upper

202 100

101 11.7 0.0 33.3

203 17.1 0.0 39.3

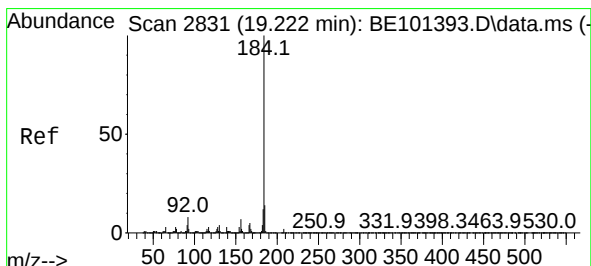
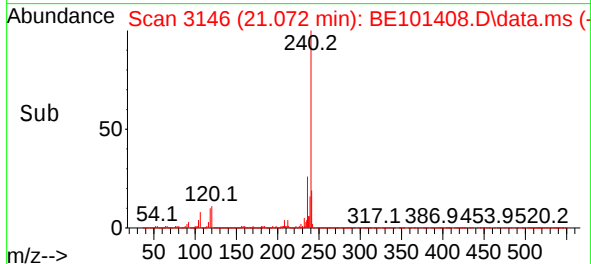
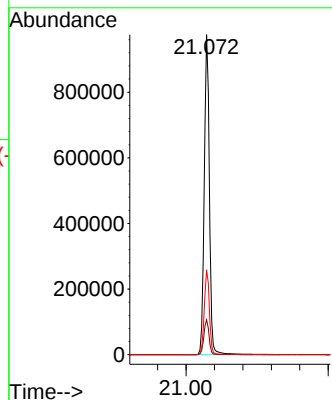
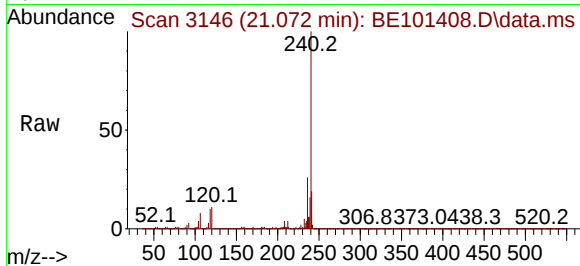




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.072 min Scan# 3147
Delta R.T. -0.006 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44

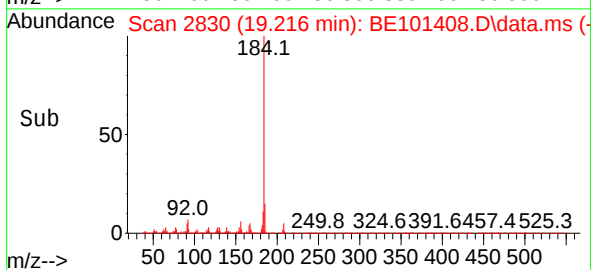
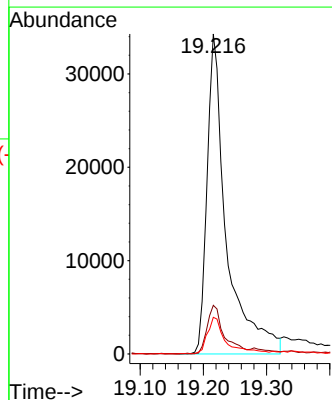
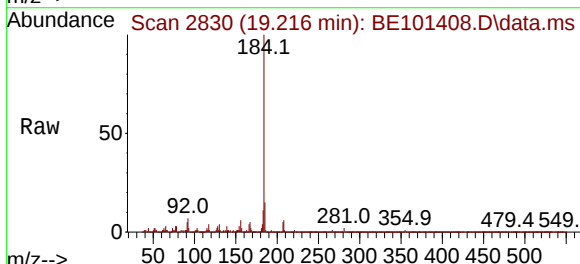
Instrument : BNA_E
ClientSampleId : LOQ-WATER-02-QT4-2024

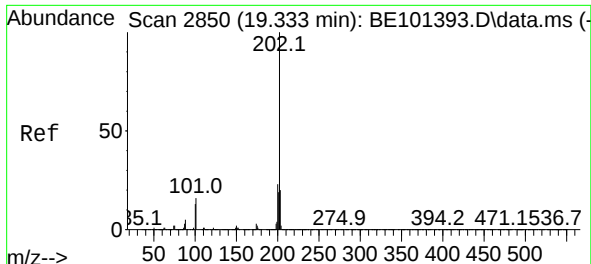
Tgt Ion:240 Resp: 1220074
Ion Ratio Lower Upper
240 100
120 10.9 9.0 13.4
236 26.5 21.4 32.0



#77
Benzidine
Concen: 4.729 ng
RT: 19.216 min Scan# 2830
Delta R.T. -0.006 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44

Tgt Ion:184 Resp: 73223
Ion Ratio Lower Upper
184 100
185 15.2 11.5 17.3
183 11.5 9.3 13.9

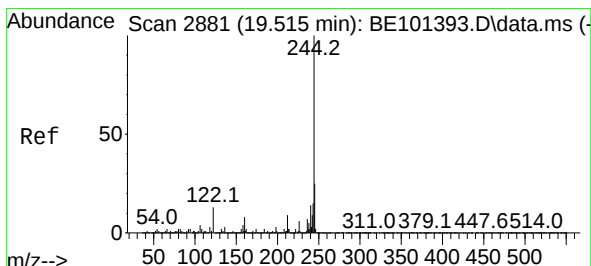
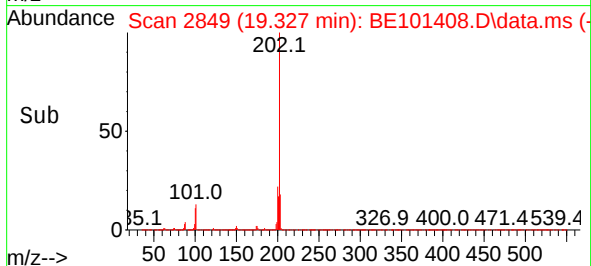
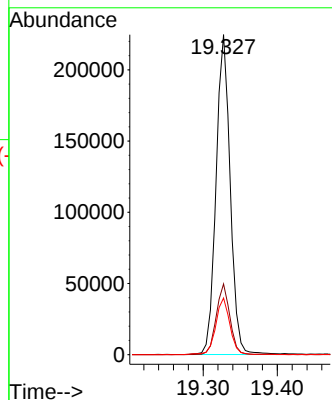
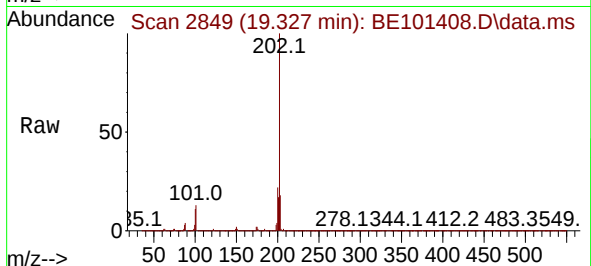




#78
Pyrene
Concen: 4.430 ng
RT: 19.327 min Scan# 2849
Delta R.T. -0.006 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44

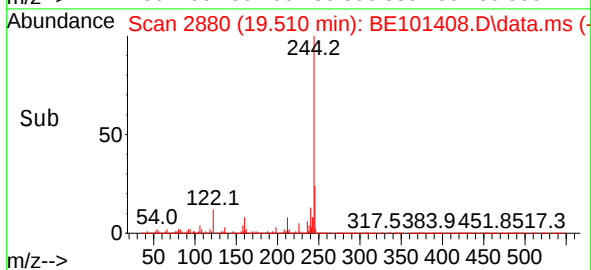
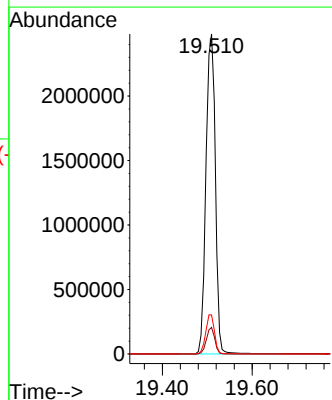
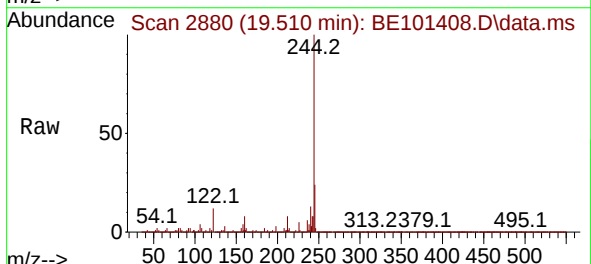
Instrument : BNA_E
ClientSampleId : LOQ-WATER-02-QT4-2024

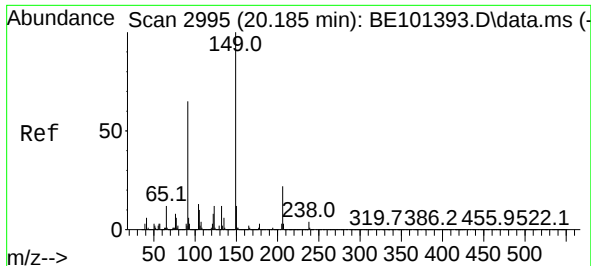
Tgt Ion:	202	Resp:	297236
Ion Ratio	Lower	Upper	
202	100		
200	22.1	18.6	28.0
203	17.7	15.6	23.4



#79
Terphenyl-d14
Concen: 67.872 ng
RT: 19.510 min Scan# 2880
Delta R.T. -0.005 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44

Tgt Ion:	244	Resp:	3597958
Ion Ratio	Lower	Upper	
244	100		
212	8.3	7.2	10.8
122	12.2	10.4	15.6





#80

Butylbenzylphthalate

Concen: 4.139 ng

RT: 20.179 min Scan# 2995

Delta R.T. -0.006 min

Lab File: BE101408.D

Acq: 29 Oct 2024 15:44

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT4-2024

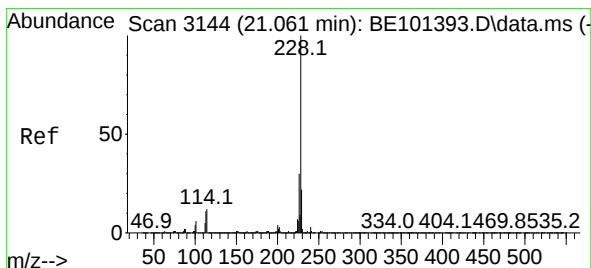
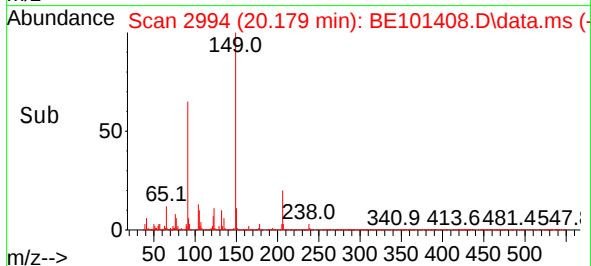
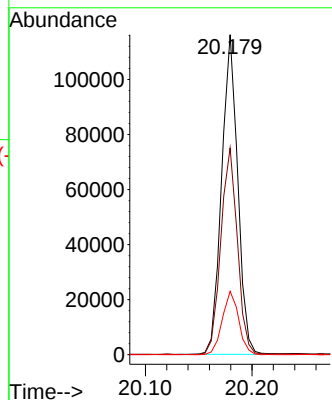
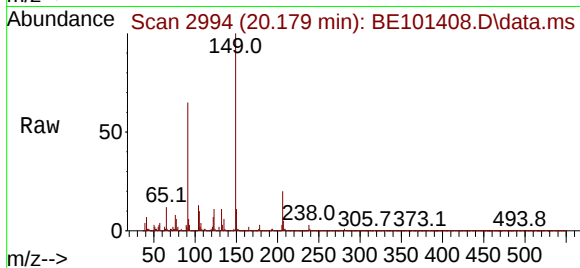
Tgt Ion:149 Resp: 121733

Ion Ratio Lower Upper

149 100

91 64.6 51.8 77.8

206 19.8 17.4 26.2



#81

Benzo(a)anthracene

Concen: 4.872 ng

RT: 21.055 min Scan# 3143

Delta R.T. -0.006 min

Lab File: BE101408.D

Acq: 29 Oct 2024 15:44

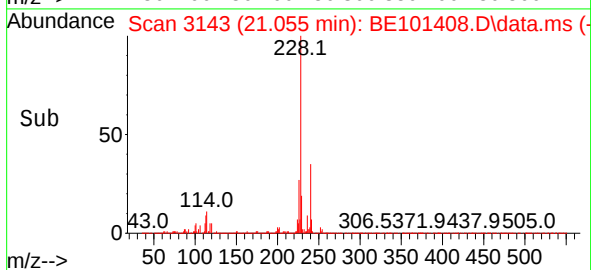
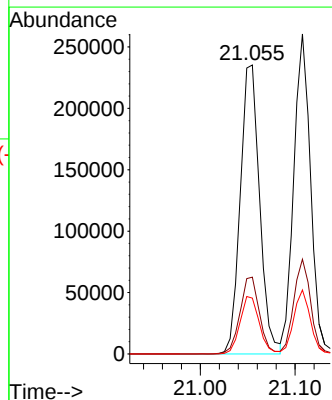
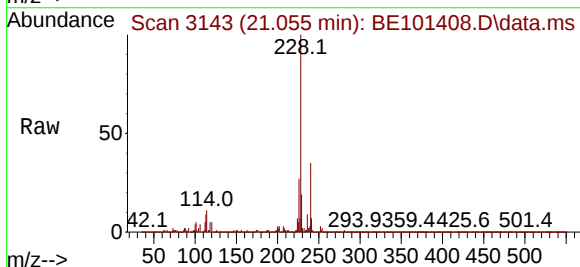
Tgt Ion:228 Resp: 334125

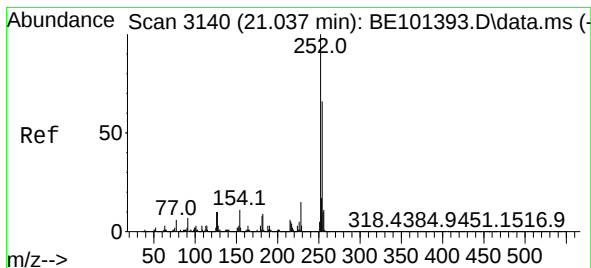
Ion Ratio Lower Upper

228 100

226 26.5 24.1 36.1

229 19.3 17.3 25.9





#82

3,3'-Dichlorobenzidine

Concen: 4.139 ng

RT: 21.031 min Scan# 3139

Delta R.T. -0.006 min

Lab File: BE101408.D

Acq: 29 Oct 2024 15:44

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT4-2024

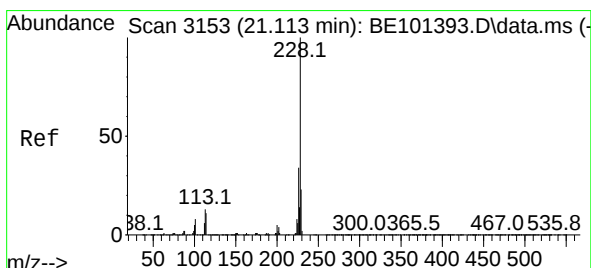
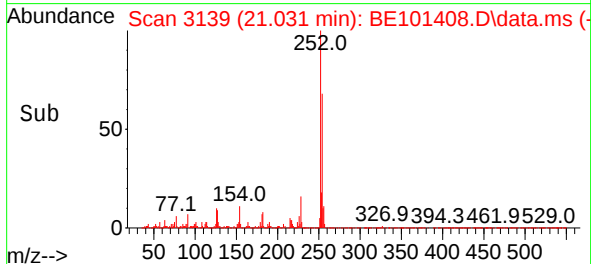
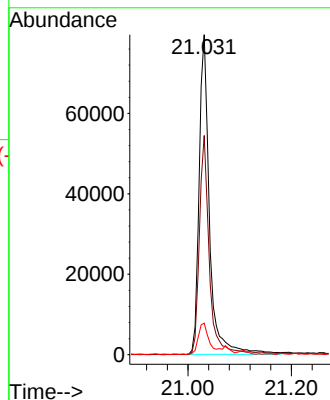
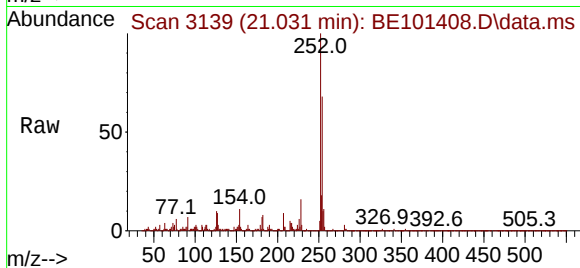
Tgt Ion:252 Resp: 111178

Ion Ratio Lower Upper

252 100

254 68.5 52.6 78.8

126 9.9 7.7 11.5



#83

Chrysene

Concen: 4.885 ng

RT: 21.108 min Scan# 3152

Delta R.T. -0.006 min

Lab File: BE101408.D

Acq: 29 Oct 2024 15:44

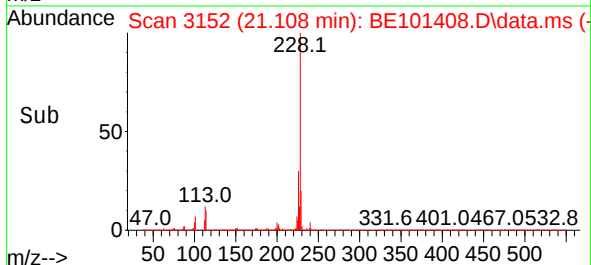
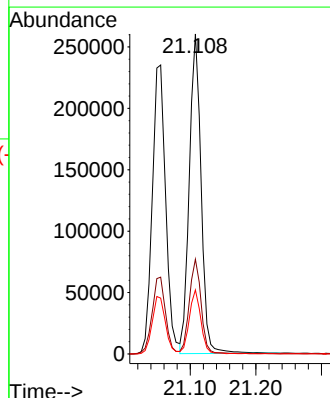
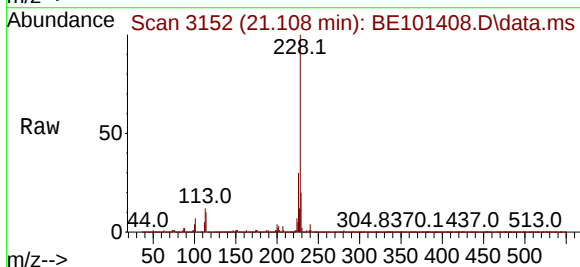
Tgt Ion:228 Resp: 323921

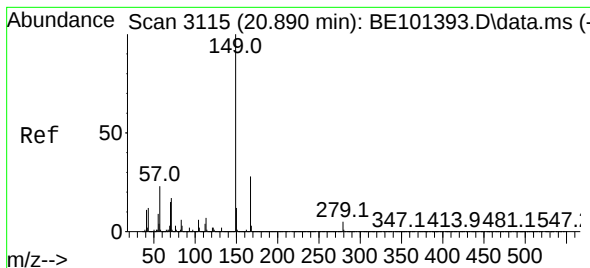
Ion Ratio Lower Upper

228 100

226 29.6 27.2 40.8

229 20.0 18.0 27.0

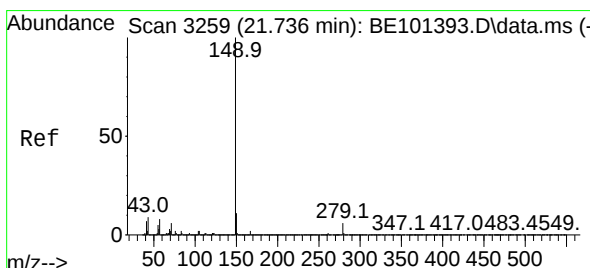
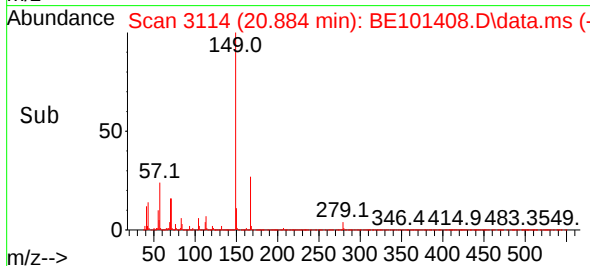
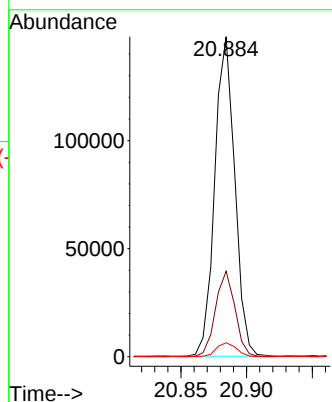
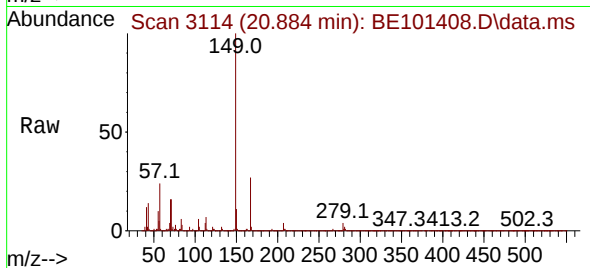




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.009 ng
 RT: 20.884 min Scan# 3114
 Delta R.T. -0.006 min
 Lab File: BE101408.D
 Acq: 29 Oct 2024 15:44

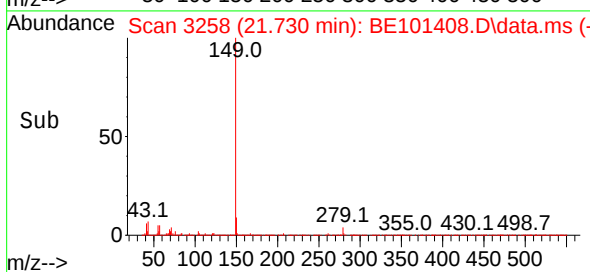
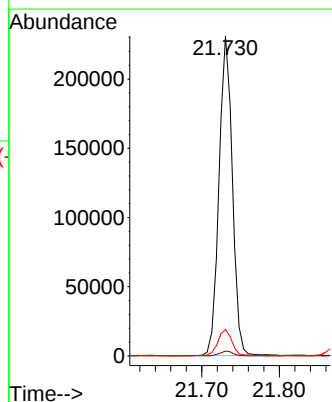
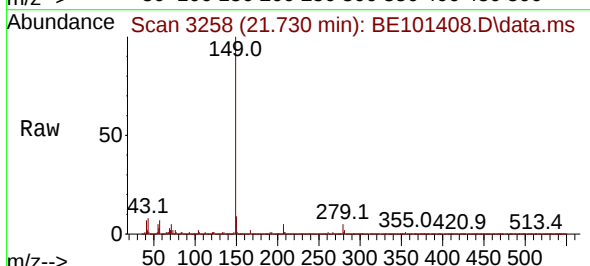
Instrument : BNA_E
 ClientSampleId : LOQ-WATER-02-QT4-2024

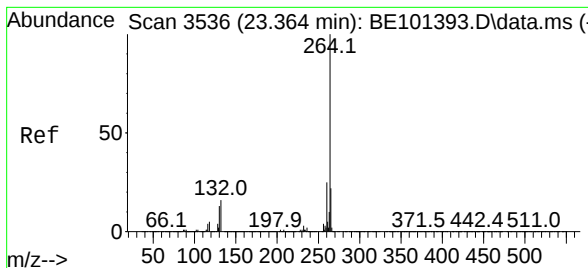
Tgt Ion:	149	Resp:	156645
Ion Ratio	Lower	Upper	
149	100		
167	26.7	22.7	34.1
279	4.4	4.3	6.5



#85
 Di-n-octyl phthalate
 Concen: 4.314 ng
 RT: 21.730 min Scan# 3258
 Delta R.T. -0.006 min
 Lab File: BE101408.D
 Acq: 29 Oct 2024 15:44

Tgt Ion:	149	Resp:	276690
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.4	2.0
43	8.5	7.0	10.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.358 min Scan# 3

Delta R.T. -0.006 min

Lab File: BE101408.D

Acq: 29 Oct 2024 15:44

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT4-2024

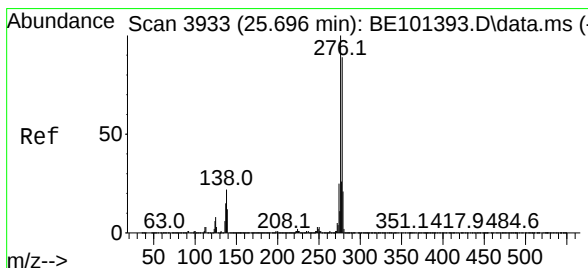
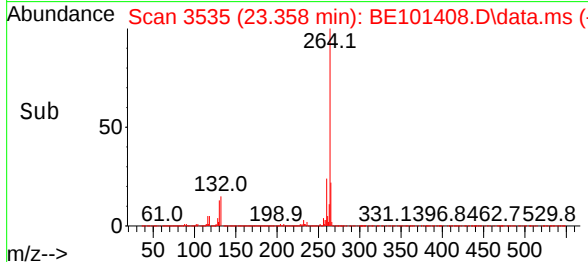
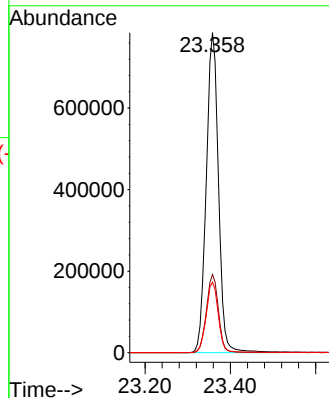
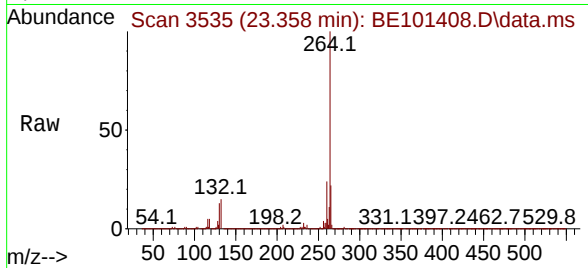
Tgt Ion:264 Resp: 1558923

Ion Ratio Lower Upper

264 100

260 24.5 19.8 29.8

265 22.1 17.6 26.4



#87

Indeno(1,2,3-cd)pyrene

Concen: 4.486 ng

RT: 25.661 min Scan# 3927

Delta R.T. -0.035 min

Lab File: BE101408.D

Acq: 29 Oct 2024 15:44

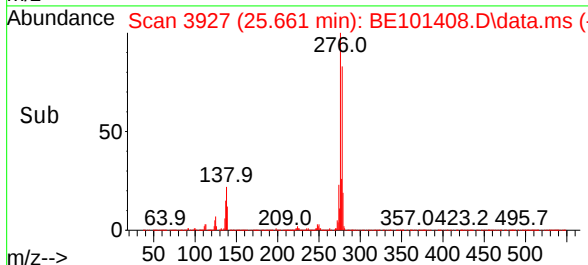
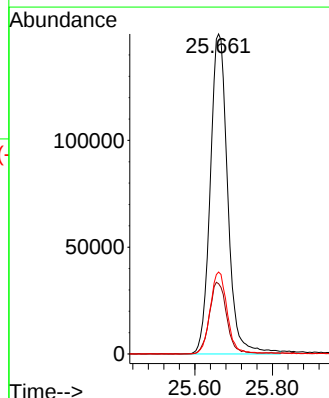
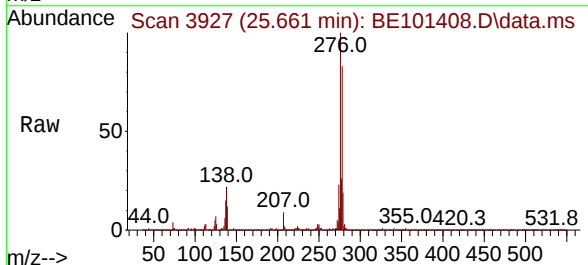
Tgt Ion:276 Resp: 468040

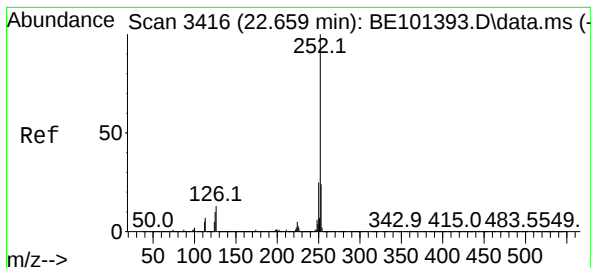
Ion Ratio Lower Upper

276 100

138 22.2 17.8 26.8

277 25.2 20.5 30.7





#88

Benzo(b)fluoranthene

Concen: 4.274 ng

RT: 22.647 min Scan# 3416

Delta R.T. -0.012 min

Lab File: BE101408.D

Acq: 29 Oct 2024 15:44

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT4-2024

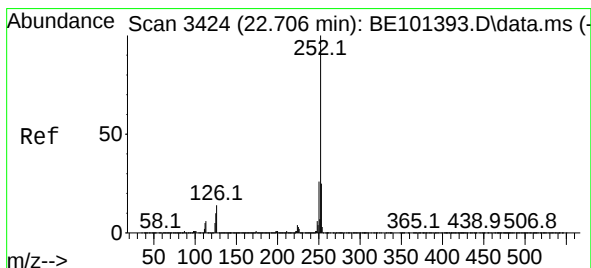
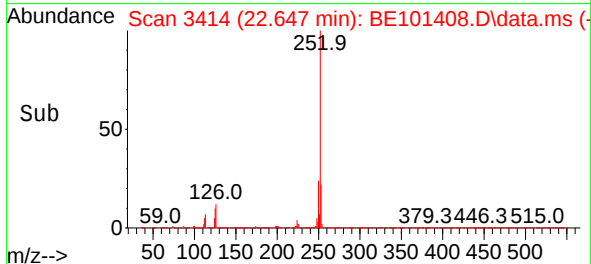
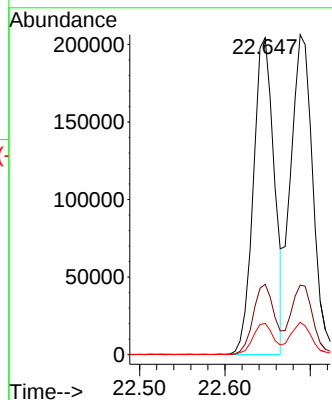
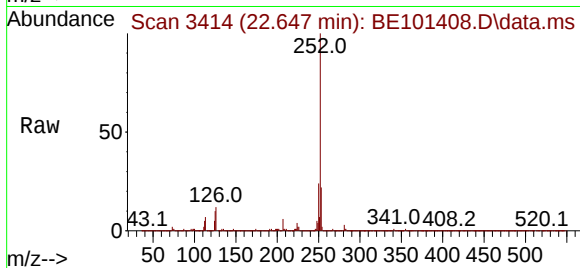
Tgt Ion:252 Resp: 347191

Ion Ratio Lower Upper

252 100

253 22.2 19.0 28.6

125 9.9 8.2 12.2



#89

Benzo(k)fluoranthene

Concen: 4.865 ng

RT: 22.688 min Scan# 3421

Delta R.T. -0.017 min

Lab File: BE101408.D

Acq: 29 Oct 2024 15:44

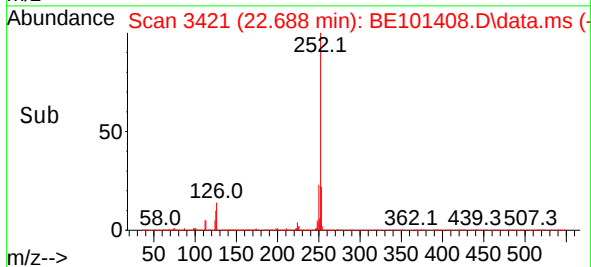
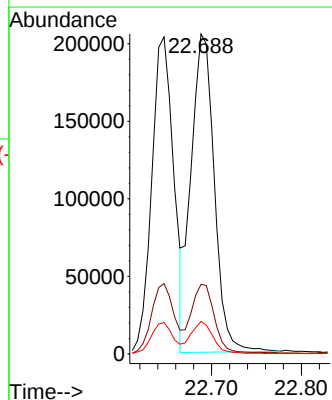
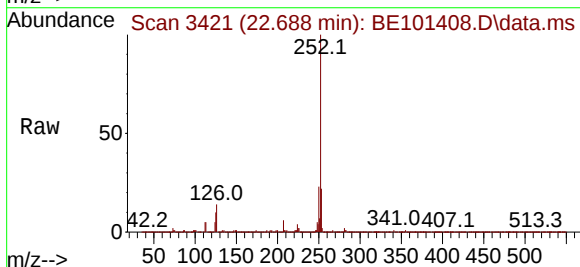
Tgt Ion:252 Resp: 369233

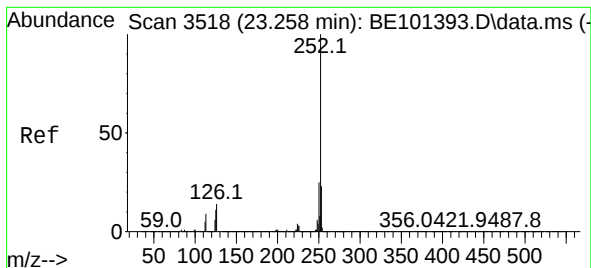
Ion Ratio Lower Upper

252 100

253 21.8 19.4 29.2

125 10.2 8.2 12.2





#90

Benzo(a)pyrene

Concen: 4.624 ng

RT: 23.246 min Scan# 3518

Delta R.T. -0.012 min

Lab File: BE101408.D

Acq: 29 Oct 2024 15:44

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT4-2024

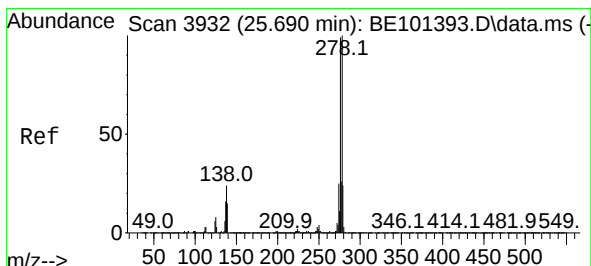
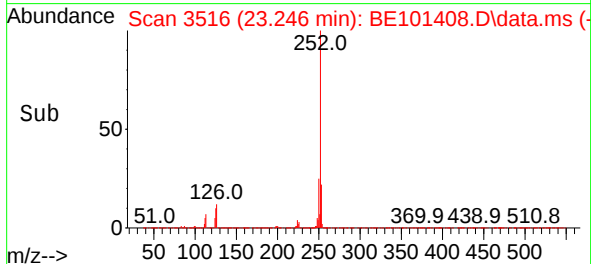
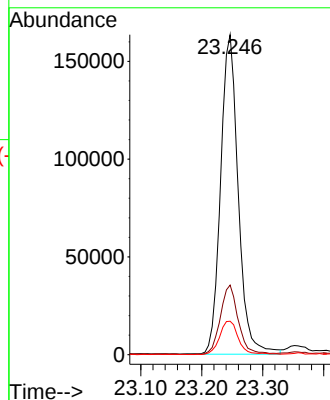
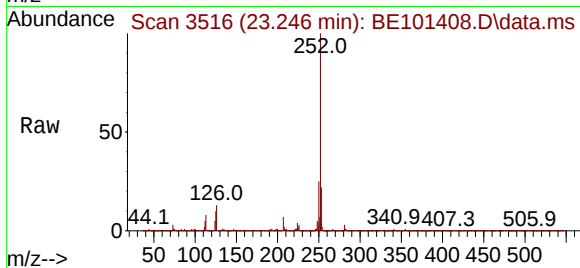
Tgt Ion:252 Resp: 328518

Ion Ratio Lower Upper

252 100

253 21.8 18.4 27.6

125 10.4 9.0 13.6



#91

Dibenzo(a,h)anthracene

Concen: 4.415 ng

RT: 25.655 min Scan# 3926

Delta R.T. -0.035 min

Lab File: BE101408.D

Acq: 29 Oct 2024 15:44

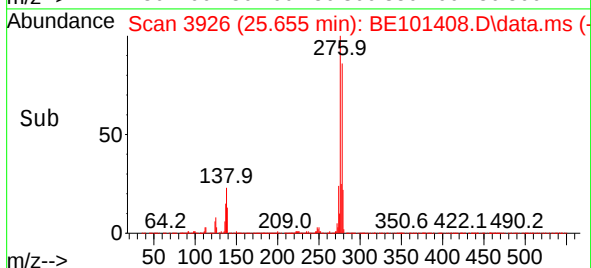
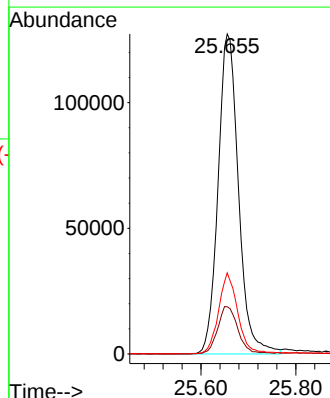
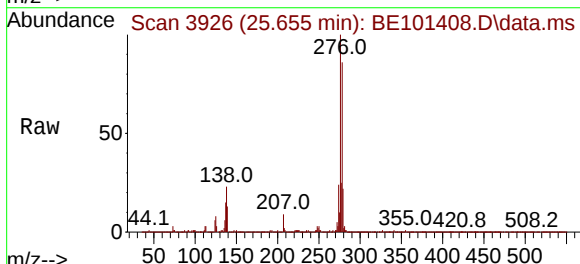
Tgt Ion:278 Resp: 380614

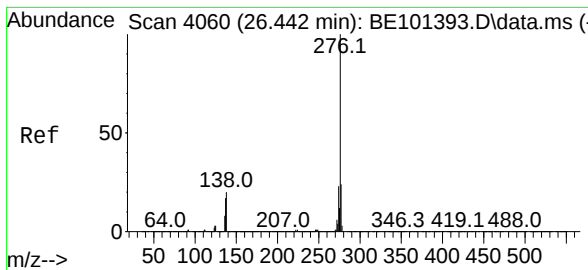
Ion Ratio Lower Upper

278 100

139 14.7 11.9 17.9

279 25.4 19.3 28.9





#92
 Benzo(g,h,i)perylene
 Concen: 4.089 ng
 RT: 26.407 min Scan# 4054
 Delta R.T. -0.035 min
 Lab File: BE101408.D
 Acq: 29 Oct 2024 15:44

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

Tgt Ion:	276	Resp:	363214
Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.4	29.2
138	19.3	15.8	23.6

