

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092024\
 Data File : BP021968.D
 Acq On : 20 Sep 2024 15:28
 Operator : RC/JU
 Sample : P2403-08
 Misc : LOQ--WATER- 10 ppm
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOQ-WATER-02-QT2-2024

Quant Time: Sep 20 15:54:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 20 01:22:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	77394	20.000	ng	0.00
21) Naphthalene-d8	10.475	136	286000	20.000	ng	0.00
39) Acenaphthene-d10	14.334	164	208669	20.000	ng	0.00
64) Phenanthrene-d10	17.122	188	517879	20.000	ng	-0.02
76) Chrysene-d12	21.551	240	658788	20.000	ng	-0.01
86) Perylene-d12	24.851	264	812266	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	430168	104.453	ng	0.00
7) Phenol-d6	6.887	99	546150	102.155	ng	-0.01
23) Nitrobenzene-d5	8.851	82	405417	75.007	ng	0.00
42) 2,4,6-Tribromophenol	15.845	330	417633	107.958	ng	-0.01
45) 2-Fluorobiphenyl	12.940	172	1043609	73.007	ng	0.00
79) Terphenyl-d14	19.851	244	2293755	65.405	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.258	88	16470	9.631	ng	97
3) Pyridine	3.658	79	35889	7.869	ng	96
4) n-Nitrosodimethylamine	3.564	42	21864	9.088	ng	# 97
6) Aniline	7.046	93	49101	10.451	ng	96
8) 2-Chlorophenol	7.281	128	39188	8.899	ng	94
9) Benzaldehyde	6.863	77	37080	13.264	ng	97
10) Phenol	6.916	94	46709	8.796	ng	99
11) bis(2-Chloroethyl)ether	7.140	93	34432	8.608	ng	97
12) 1,3-Dichlorobenzene	7.604	146	47412	8.528	ng	97
13) 1,4-Dichlorobenzene	7.746	146	49469	8.774	ng	97
14) 1,2-Dichlorobenzene	8.057	146	47143	8.711	ng	96
15) Benzyl Alcohol	7.946	79	35355	8.623	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.228	45	40320	9.451	ng	96
17) 2-Methylphenol	8.146	107	30223	8.425	ng	94
18) Hexachloroethane	8.781	117	16982	8.191	ng	88
19) n-Nitroso-di-n-propyla...	8.504	70	29285	8.813	ng	99
20) 3+4-Methylphenols	8.469	107	40766	8.050	ng	99
22) Acetophenone	8.522	105	64790	9.287	ng	# 99
24) Nitrobenzene	8.893	77	49180	8.960	ng	99
25) Isophorone	9.416	82	77198	8.663	ng	99
26) 2-Nitrophenol	9.598	139	18648	7.770	ng	94
27) 2,4-Dimethylphenol	9.657	122	23537	8.470	ng	97
28) bis(2-Chloroethoxy)met...	9.893	93	45317	8.482	ng	96
29) 2,4-Dichlorophenol	10.128	162	38343	8.129	ng	98
30) 1,2,4-Trichlorobenzene	10.334	180	49529	8.430	ng	99
31) Naphthalene	10.528	128	121910	8.543	ng	99
32) Benzoic acid	9.734	122	17686	5.444	ng	94
33) 4-Chloroaniline	10.628	127	46632	9.059	ng	97
34) Hexachlorobutadiene	10.816	225	37815	8.227	ng	95
35) Caprolactam	11.398	113	10487	7.471	ng	# 87
36) 4-Chloro-3-methylphenol	11.751	107	40220	7.948	ng	98
37) 2-Methylnaphthalene	12.140	142	87460	8.377	ng	98
38) 1-Methylnaphthalene	12.351	142	82951	8.047	ng	98
40) 1,2,4,5-Tetrachloroben...	12.510	216	63950	8.760	ng	98
41) Hexachlorocyclopentadiene	12.492	237	26718	9.850	ng	98
43) 2,4,6-Trichlorophenol	12.751	196	34578	7.717	ng	98

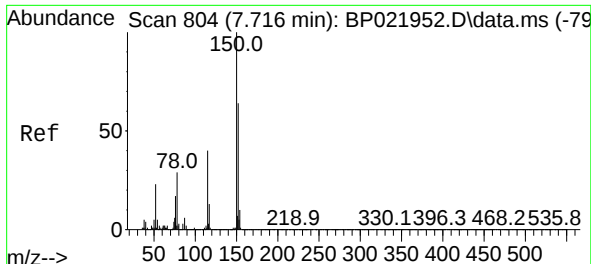
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 20 01:22:00 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.822	196	39259	7.810	ng	94
46) 1,1'-Biphenyl	13.157	154	128631	9.041	ng	99
47) 2-Chloronaphthalene	13.198	162	99482	8.647	ng	99
48) 2-Nitroaniline	13.398	65	24620	7.837	ng	98
49) Acenaphthylene	14.051	152	146373	9.017	ng	99
50) Dimethylphthalate	13.781	163	130445	8.619	ng	99
51) 2,6-Dinitrotoluene	13.904	165	25301	7.502	ng	96
52) Acenaphthene	14.398	154	87166	8.250	ng	98
53) 3-Nitroaniline	14.234	138	23642	7.866	ng	# 92
54) 2,4-Dinitrophenol	14.439	184	13085	6.622	ng	92
55) Dibenzofuran	14.739	168	157136	8.848	ng	99
56) 4-Nitrophenol	14.557	139	19491	7.450	ng	96
57) 2,4-Dinitrotoluene	14.698	165	36026	7.557	ng	96
58) Fluorene	15.392	166	127117	8.572	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.969	232	40382	8.324	ng	99
60) Diethylphthalate	15.163	149	129235	8.403	ng	100
61) 4-Chlorophenyl-phenyle...	15.404	204	72918	8.446	ng	97
62) 4-Nitroaniline	15.422	138	25683	7.771	ng	98
63) Azobenzene	15.698	77	109181	8.579	ng	99
65) 4,6-Dinitro-2-methylph...	15.469	198	21943	7.310	ng	93
66) n-Nitrosodiphenylamine	15.604	169	108875	8.443	ng	97
67) 4-Bromophenyl-phenylether	16.298	248	50379	8.345	ng	99
68) Hexachlorobenzene	16.422	284	62033	8.242	ng	99
69) Atrazine	16.580	200	45660	9.883	ng	98
70) Pentachlorophenol	16.769	266	34605	6.834	ng	98
71) Phenanthrene	17.163	178	214558	8.631	ng	99
72) Anthracene	17.263	178	212279	8.821	ng	99
73) Carbazole	17.551	167	195256	8.401	ng	99
74) Di-n-butylphthalate	18.139	149	206060	7.548	ng	100
75) Fluoranthene	19.257	202	287956	8.299	ng	100
77) Benzidine	19.445	184	130263	16.180	ng	97
78) Pyrene	19.633	202	309390	7.763	ng	99
80) Butylbenzylphthalate	20.580	149	100917	7.100	ng	95
81) Benzo(a)anthracene	21.533	228	361325	8.536	ng	98
82) 3,3'-Dichlorobenzidine	21.457	252	127065	8.273	ng	100
83) Chrysene	21.598	228	352208	8.837	ng	100
84) Bis(2-ethylhexyl)phtha...	21.480	149	148253	7.106	ng	100
85) Di-n-octyl phthalate	22.739	149	238449	6.730	ng	99
87) Indeno(1,2,3-cd)pyrene	28.562	276	470162	8.703	ng	100
88) Benzo(b)fluoranthene	23.798	252	381745	7.947	ng	99
89) Benzo(k)fluoranthene	23.874	252	386111	8.493	ng	100
90) Benzo(a)pyrene	24.686	252	349061	8.435	ng	100
91) Dibenzo(a,h)anthracene	28.639	278	385526	8.647	ng	100
92) Benzo(g,h,i)perylene	29.721	276	365401	8.000	ng	100

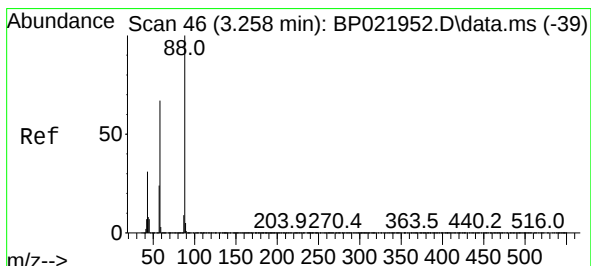
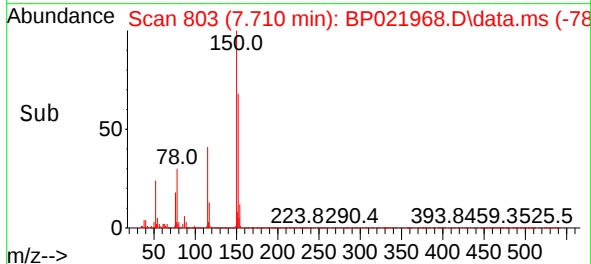
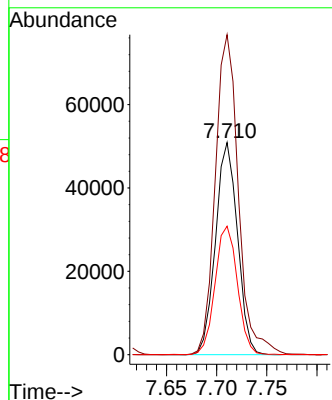
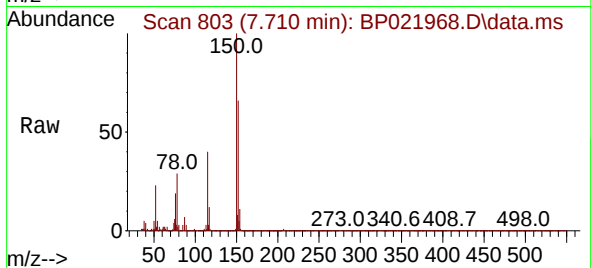
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.710 min Scan# 804
Delta R.T. -0.006 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

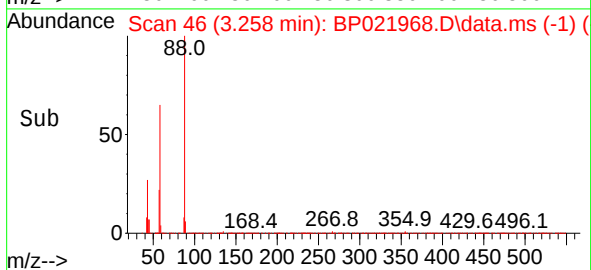
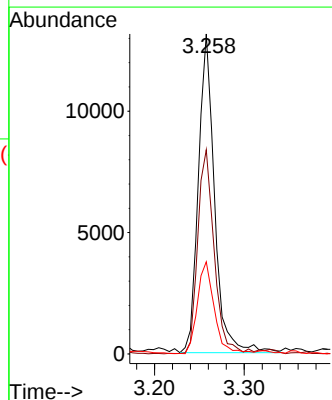
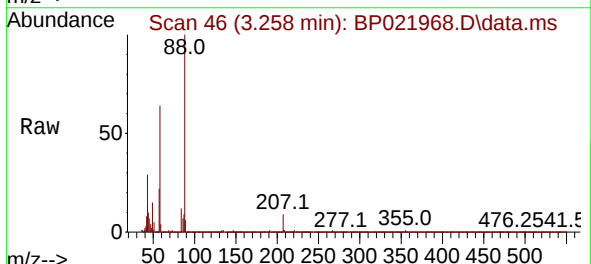
Instrument : BNA_P
ClientSampleId : LOQ-WATER-02-QT2-2024

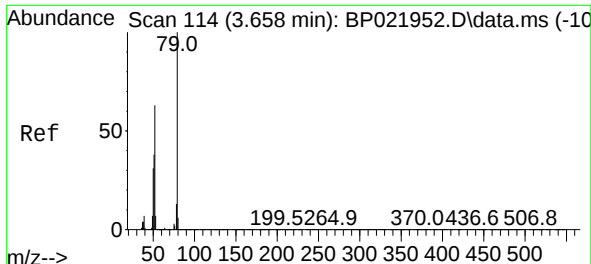
Tgt Ion:152 Resp: 77394
Ion Ratio Lower Upper
152 100
150 150.9 124.2 186.2
115 60.6 49.2 73.8



#2
1,4-Dioxane
Concen: 9.631 ng
RT: 3.258 min Scan# 46
Delta R.T. -0.000 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

Tgt Ion: 88 Resp: 16470
Ion Ratio Lower Upper
88 100
58 64.6 53.8 80.6
43 30.0 25.2 37.8

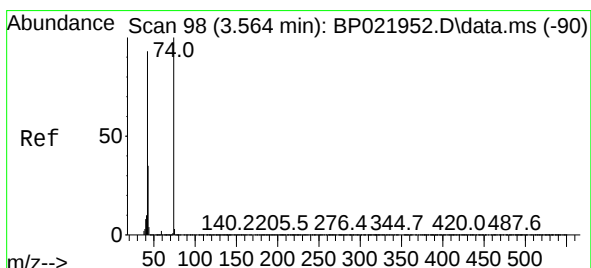
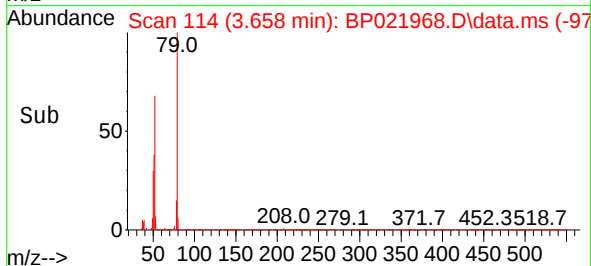
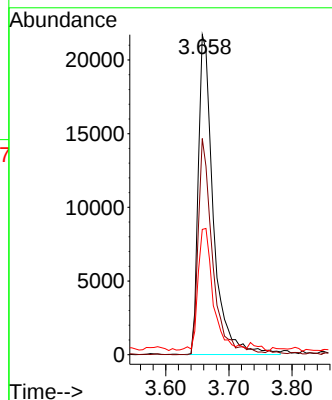
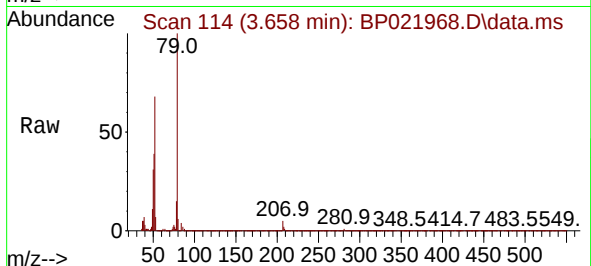




#3
Pyridine
Concen: 7.869 ng
RT: 3.658 min Scan# 114
Delta R.T. -0.000 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

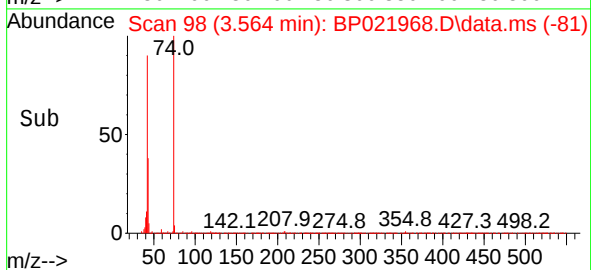
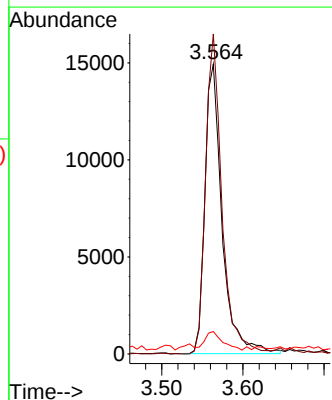
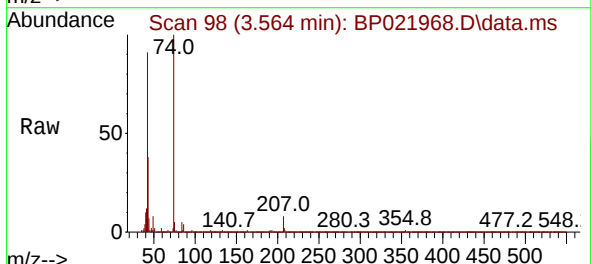
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2024

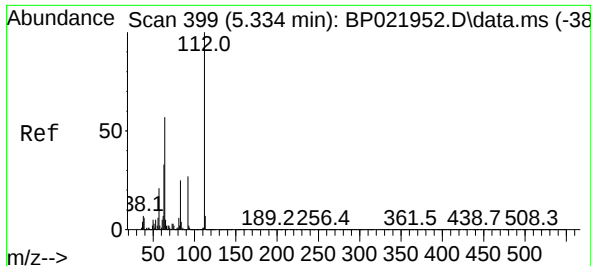
Tgt Ion: 79 Resp: 35889
Ion Ratio Lower Upper
79 100
52 67.6 50.3 75.5
51 39.1 30.9 46.3



#4
n-Nitrosodimethylamine
Concen: 9.088 ng
RT: 3.564 min Scan# 98
Delta R.T. -0.000 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

Tgt Ion: 42 Resp: 21864
Ion Ratio Lower Upper
42 100
74 110.5 86.3 129.5
44 7.7 4.0 6.0





#5

2-Fluorophenol

Concen: 104.453 ng

RT: 5.328 min Scan# 399

Delta R.T. -0.006 min

Lab File: BP021968.D

Acq: 20 Sep 2024 15:28

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT2-2024

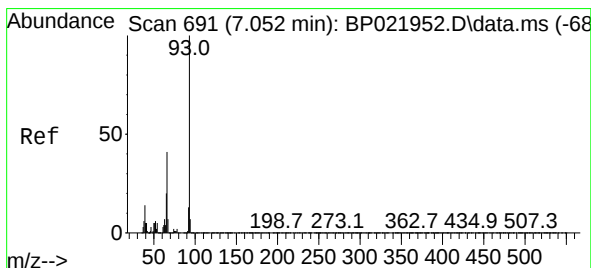
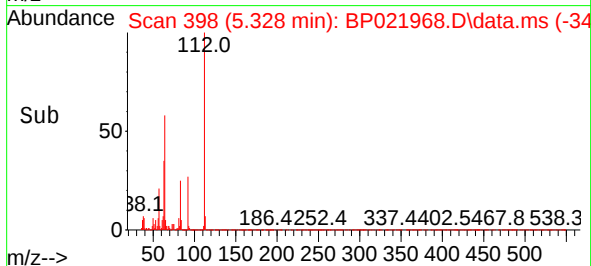
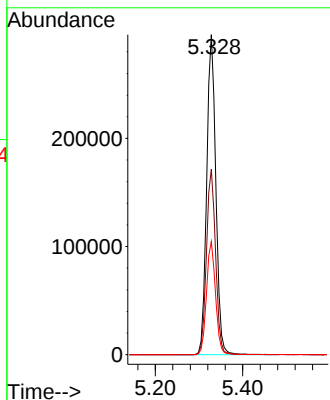
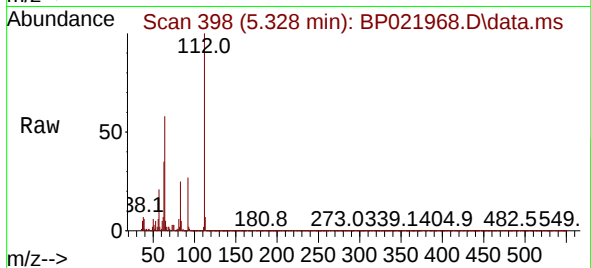
Tgt Ion:112 Resp: 430168

Ion Ratio Lower Upper

112 100

64 57.9 45.4 68.0

63 35.4 26.6 39.8



#6

Aniline

Concen: 10.451 ng

RT: 7.046 min Scan# 690

Delta R.T. -0.006 min

Lab File: BP021968.D

Acq: 20 Sep 2024 15:28

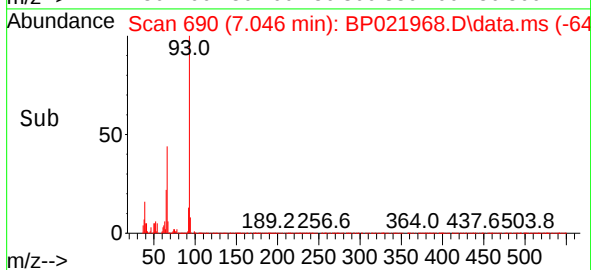
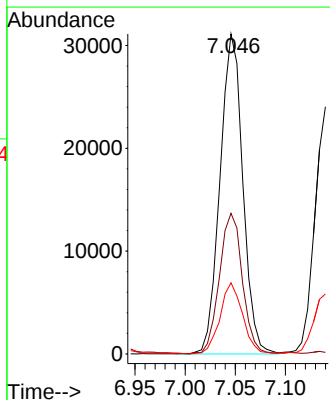
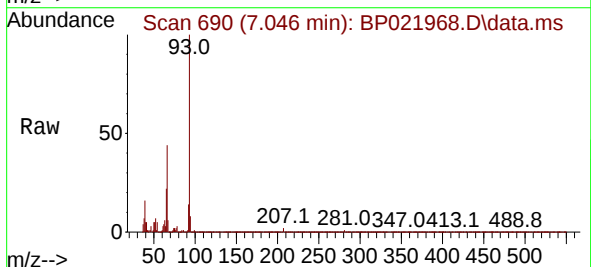
Tgt Ion: 93 Resp: 49101

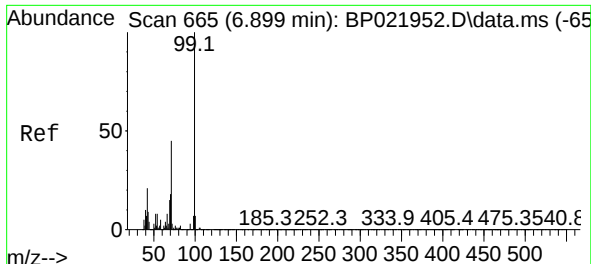
Ion Ratio Lower Upper

93 100

66 43.9 33.0 49.4

65 22.2 16.1 24.1

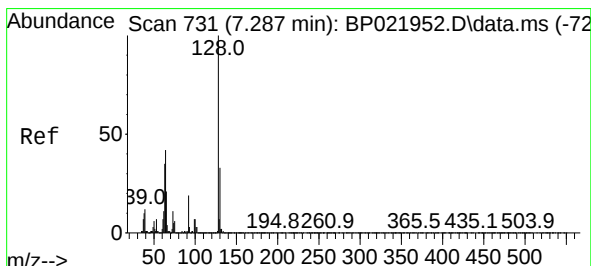
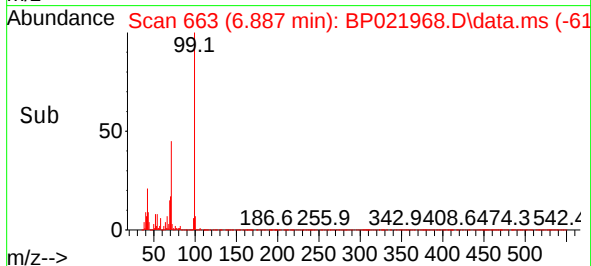
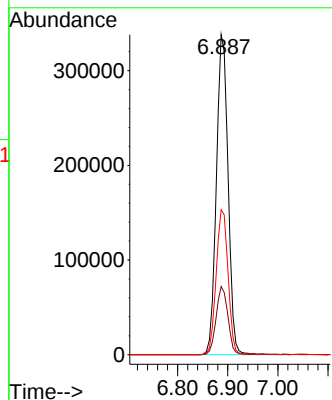
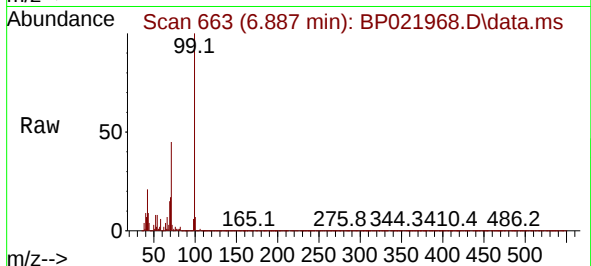




#7
Phenol-d6
Concen: 102.155 ng
RT: 6.887 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

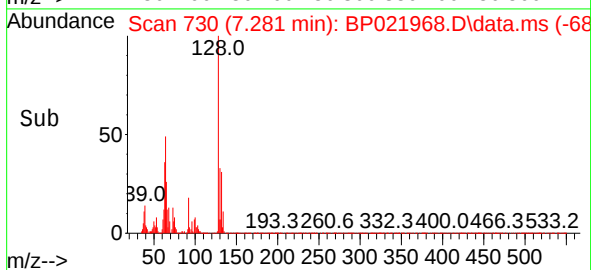
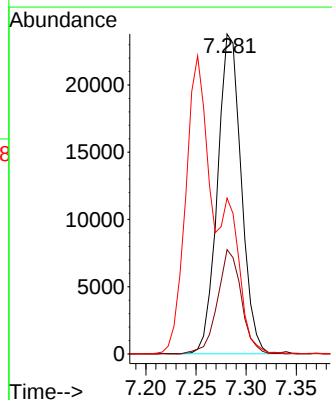
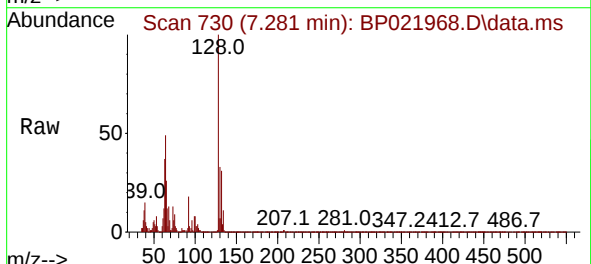
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LOQ-WATER-02-QT2-2024

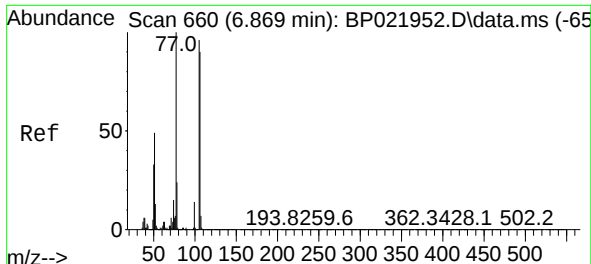
Tgt Ion: 99 Resp: 546150
Ion Ratio Lower Upper
99 100
42 21.3 16.8 25.2
71 45.3 35.8 53.6



#8
2-Chlorophenol
Concen: 8.899 ng
RT: 7.281 min Scan# 730
Delta R.T. -0.006 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

Tgt Ion: 128 Resp: 39188
Ion Ratio Lower Upper
128 100
130 32.6 13.1 53.1
64 48.7 22.1 62.1





#9

Benzaldehyde

Concen: 13.264 ng

RT: 6.863 min Scan# 61

Delta R.T. -0.006 min

Lab File: BP021968.D

Acq: 20 Sep 2024 15:28

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT2-2024

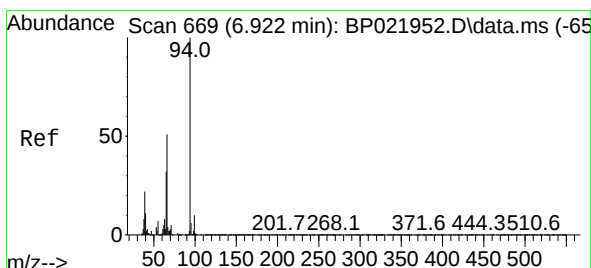
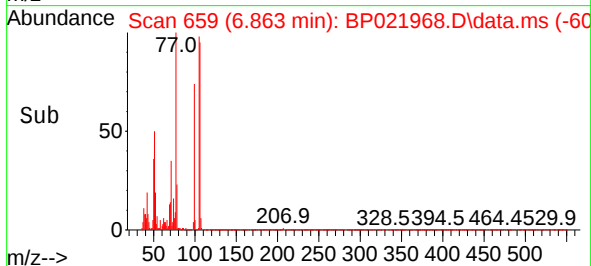
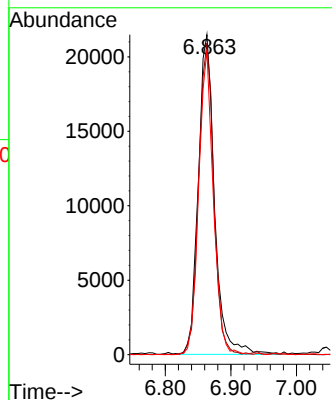
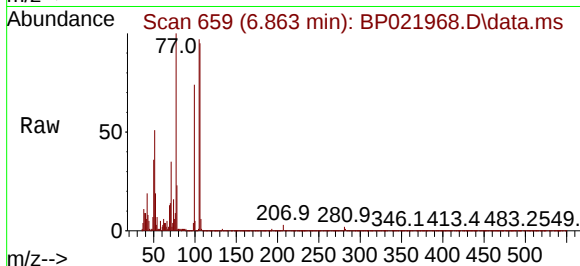
Tgt Ion: 77 Resp: 37080

Ion Ratio Lower Upper

77 100

105 97.3 76.1 116.1

106 95.1 69.9 109.9



#10

Phenol

Concen: 8.796 ng

RT: 6.916 min Scan# 668

Delta R.T. -0.006 min

Lab File: BP021968.D

Acq: 20 Sep 2024 15:28

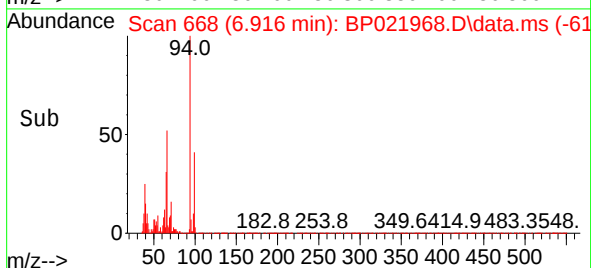
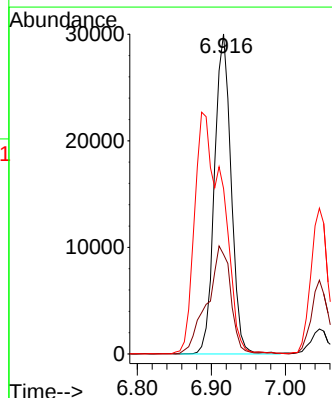
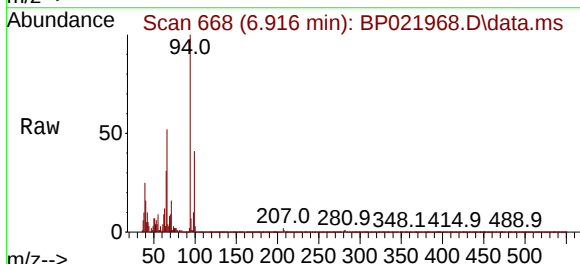
Tgt Ion: 94 Resp: 46709

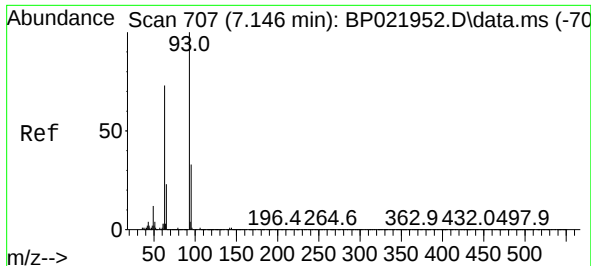
Ion Ratio Lower Upper

94 100

65 31.1 12.5 52.5

66 51.7 31.2 71.2





#11

bis(2-Chloroethyl)ether

Concen: 8.608 ng

RT: 7.140 min Scan# 707

Delta R.T. -0.006 min

Lab File: BP021968.D

Acq: 20 Sep 2024 15:28

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT2-2024

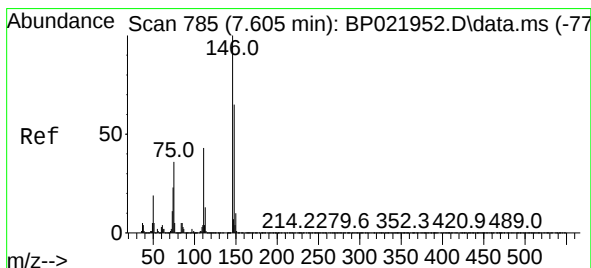
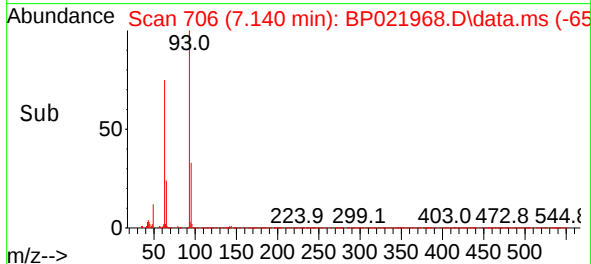
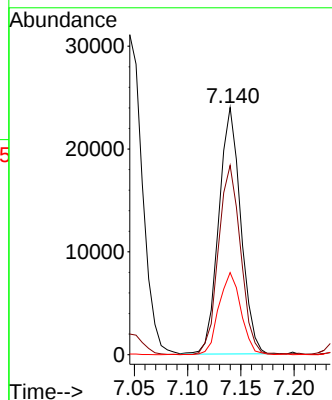
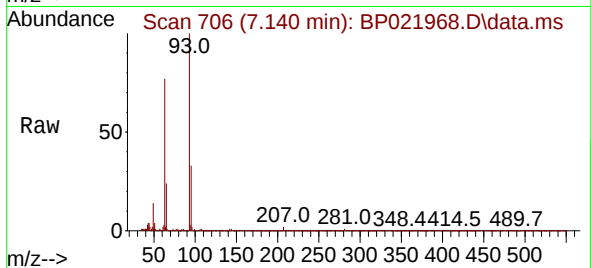
Tgt Ion: 93 Resp: 34432

Ion Ratio Lower Upper

93 100

63 76.6 53.0 93.0

95 33.2 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 8.528 ng

RT: 7.604 min Scan# 785

Delta R.T. -0.000 min

Lab File: BP021968.D

Acq: 20 Sep 2024 15:28

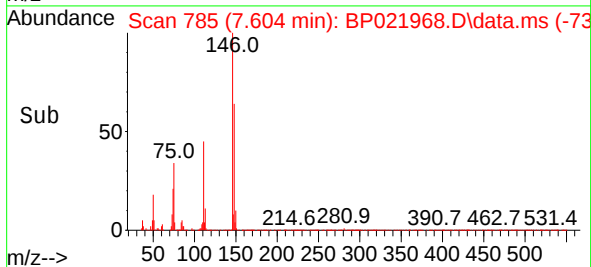
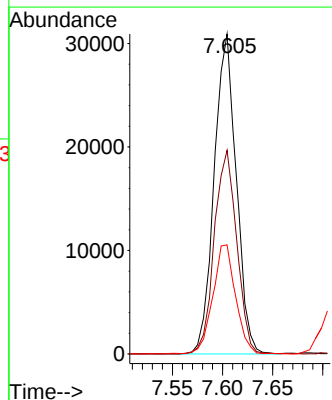
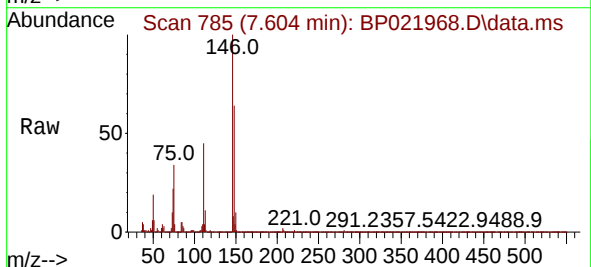
Tgt Ion:146 Resp: 47412

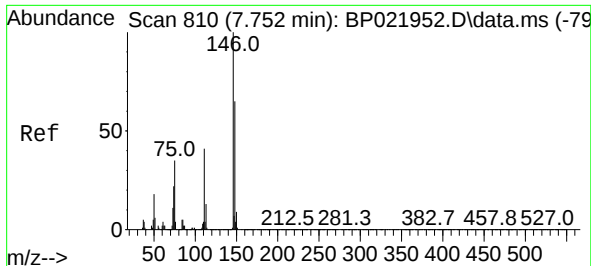
Ion Ratio Lower Upper

146 100

148 63.7 52.3 78.5

75 34.1 29.0 43.6





#13

1,4-Dichlorobenzene

Concen: 8.774 ng

RT: 7.746 min Scan# 809

Delta R.T. -0.006 min

Lab File: BP021968.D

Acq: 20 Sep 2024 15:28

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT2-2024

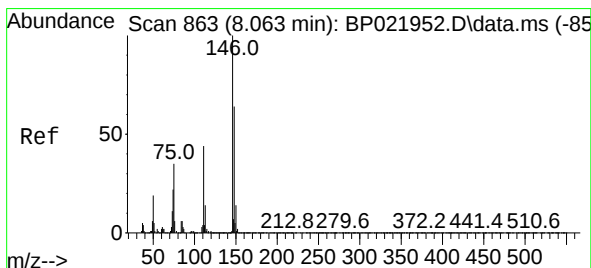
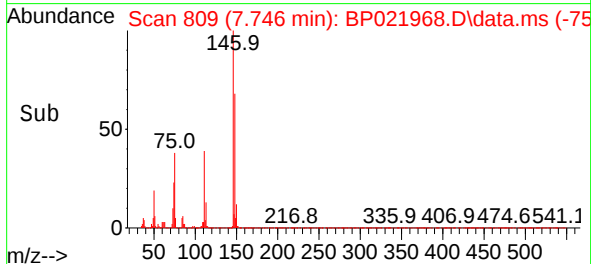
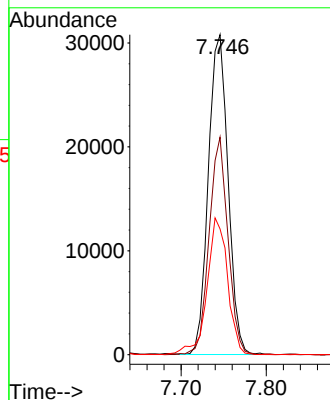
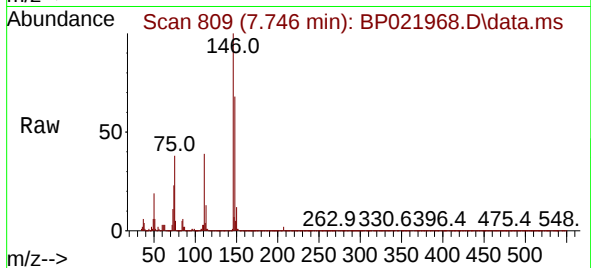
Tgt Ion:146 Resp: 49469

Ion Ratio Lower Upper

146 100

148 68.0 52.2 78.4

111 39.3 32.6 48.8



#14

1,2-Dichlorobenzene

Concen: 8.711 ng

RT: 8.057 min Scan# 862

Delta R.T. -0.006 min

Lab File: BP021968.D

Acq: 20 Sep 2024 15:28

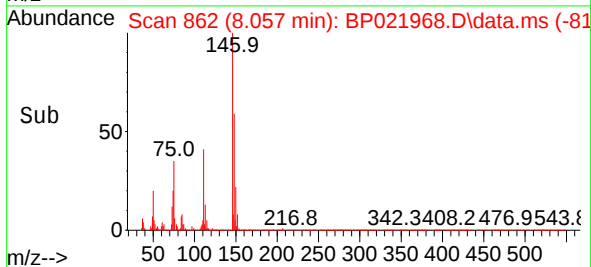
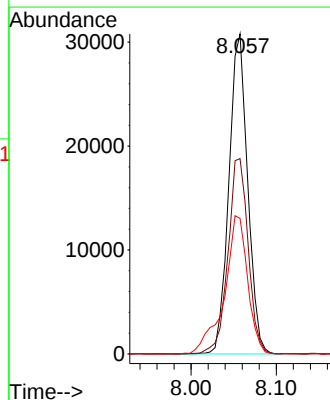
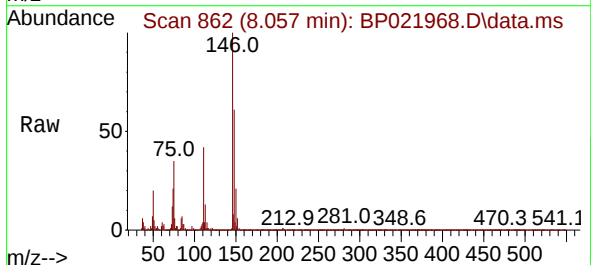
Tgt Ion:146 Resp: 47143

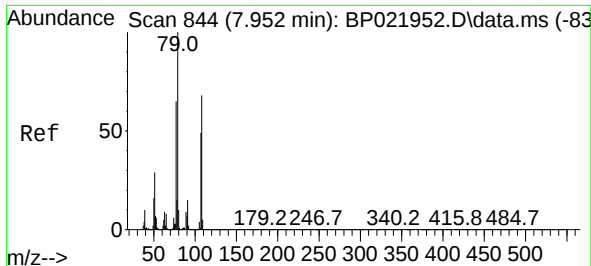
Ion Ratio Lower Upper

146 100

148 61.0 51.3 76.9

111 42.3 35.6 53.4

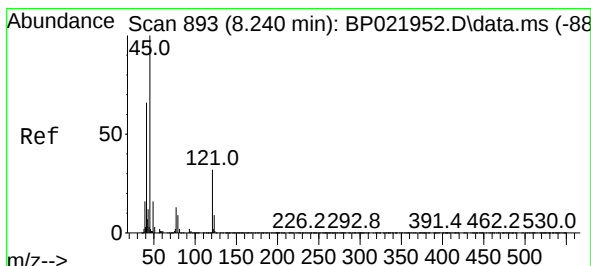
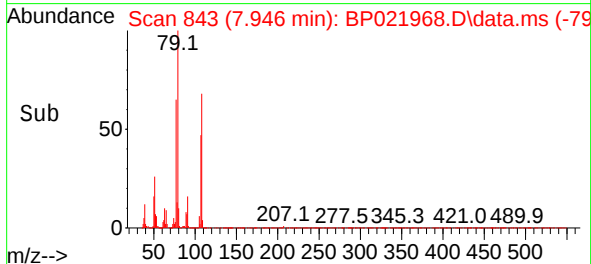
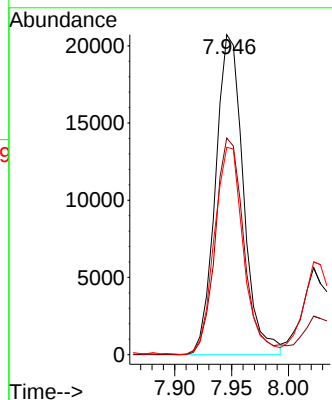
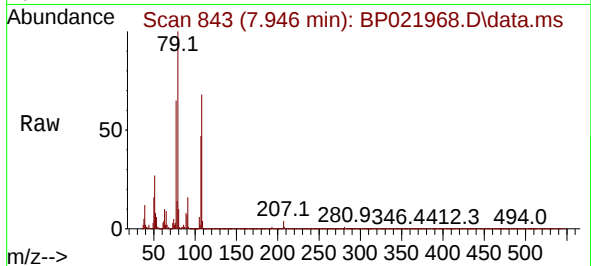




#15
Benzyl Alcohol
Concen: 8.623 ng
RT: 7.946 min Scan# 844
Delta R.T. -0.006 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

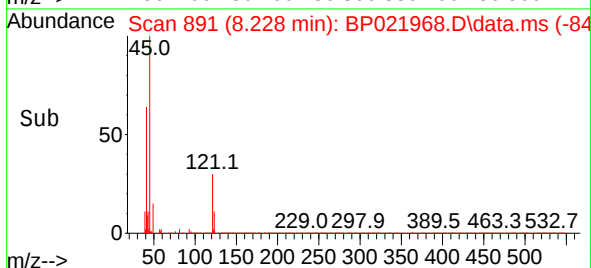
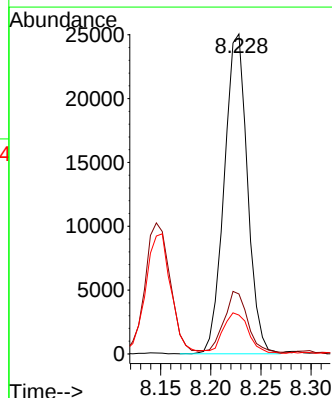
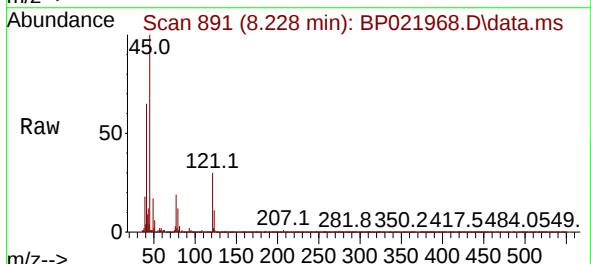
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2024

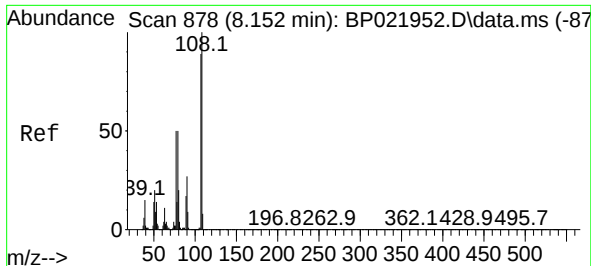
Tgt Ion: 79 Resp: 35355
Ion Ratio Lower Upper
79 100
108 67.7 54.7 82.1
77 64.8 51.8 77.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.451 ng
RT: 8.228 min Scan# 891
Delta R.T. -0.012 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

Tgt Ion: 45 Resp: 40320
Ion Ratio Lower Upper
45 100
77 18.7 0.0 39.5
79 12.2 0.0 34.9

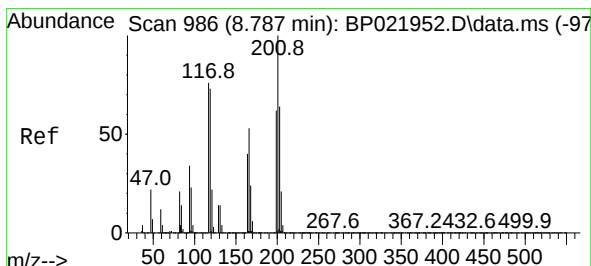
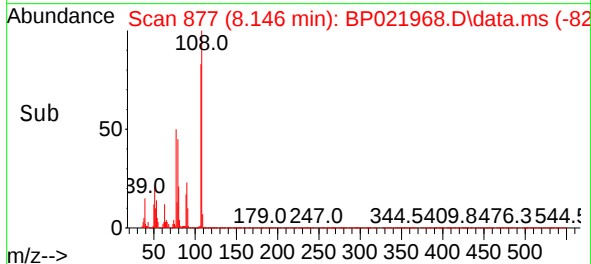
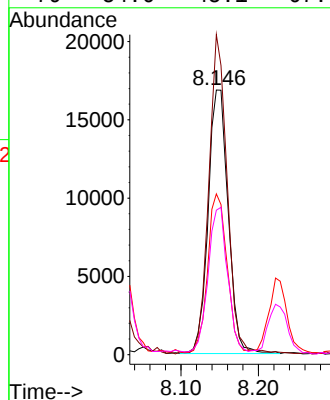
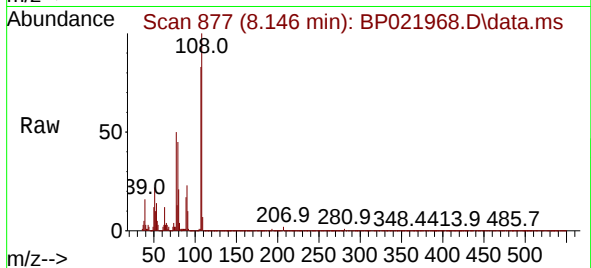




#17
2-Methylphenol
Concen: 8.425 ng
RT: 8.146 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

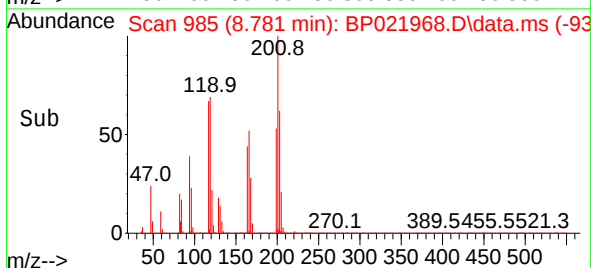
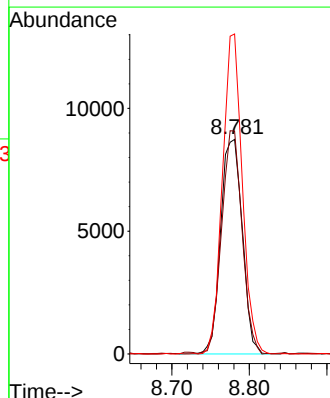
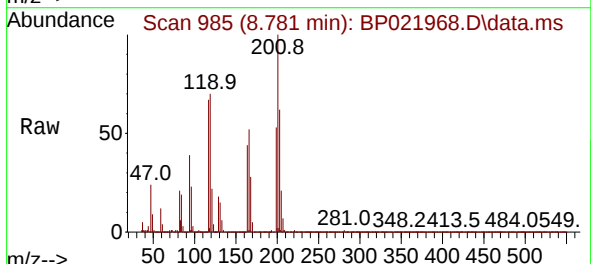
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2024

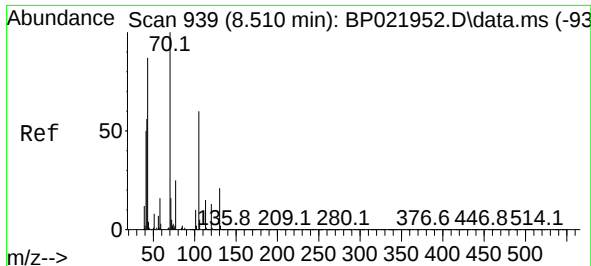
Tgt Ion:	107	Resp:	30223
Ion	Ratio	Lower	Upper
107	100		
108	120.9	90.3	135.5
77	60.7	45.1	67.7
79	54.6	45.1	67.7



#18
Hexachloroethane
Concen: 8.191 ng
RT: 8.781 min Scan# 985
Delta R.T. -0.006 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

Tgt Ion:	117	Resp:	16982
Ion	Ratio	Lower	Upper
117	100		
119	103.9	77.0	115.4
201	149.1	105.6	158.4

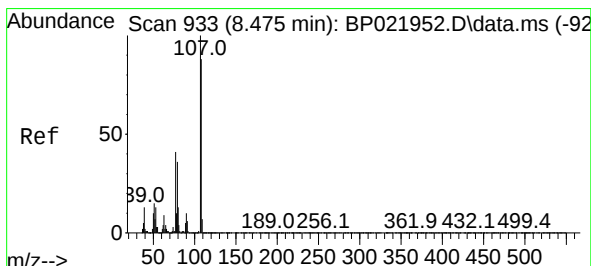
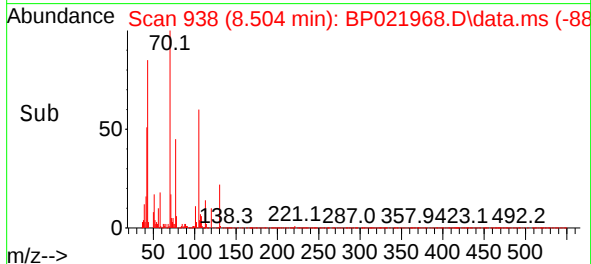
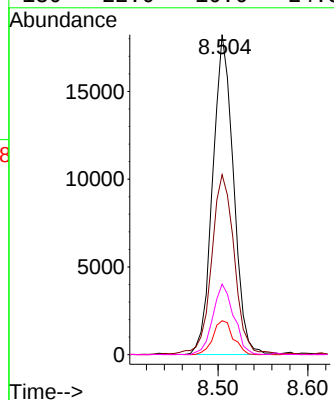
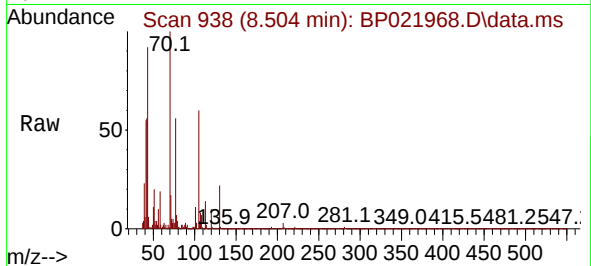




#19
n-Nitroso-di-n-propylamine
Concen: 8.813 ng
RT: 8.504 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

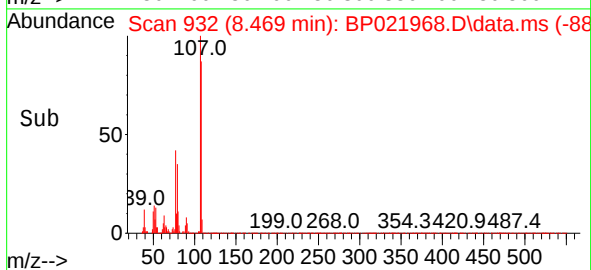
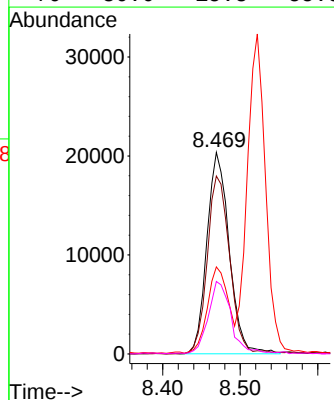
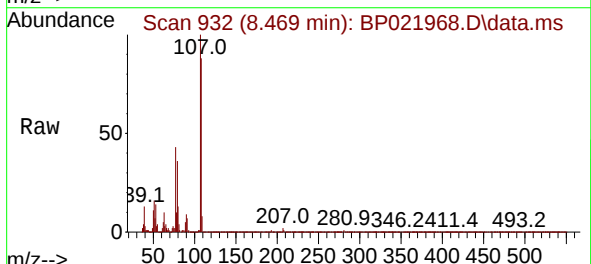
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2024

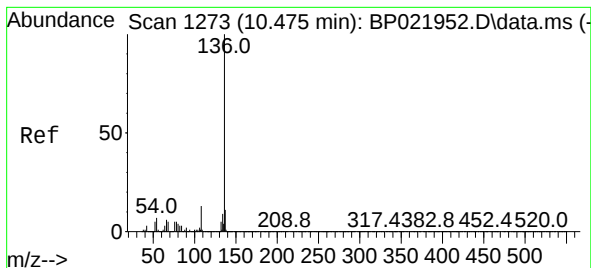
Tgt Ion: 70	Resp: 29285
Ion Ratio	Lower Upper
70 100	
42 56.3	45.2 67.8
101 10.6	7.8 11.6
130 22.0	16.6 24.8



#20
3+4-Methylphenols
Concen: 8.050 ng
RT: 8.469 min Scan# 932
Delta R.T. -0.006 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

Tgt Ion:107	Resp:	40766	
Ion	Ratio	Lower	Upper
107	100		
108	88.2	68.3	108.3
77	43.1	20.6	60.6
79	36.0	15.8	55.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.475 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP021968.D

Acq: 20 Sep 2024 15:28

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT2-2024

Tgt Ion:136 Resp: 286000

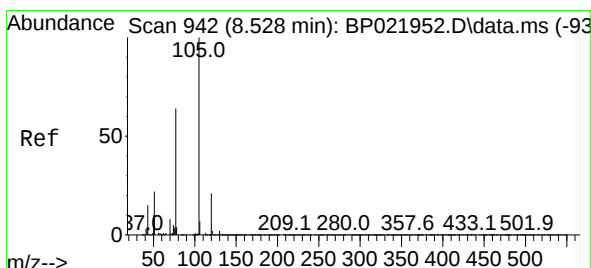
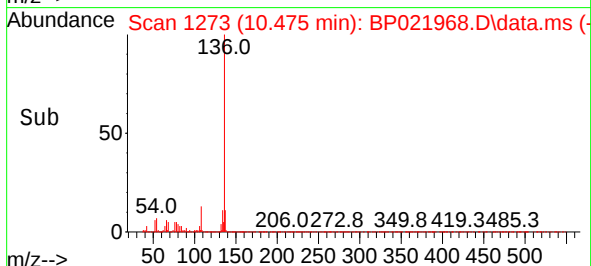
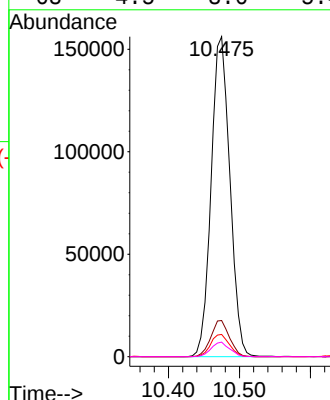
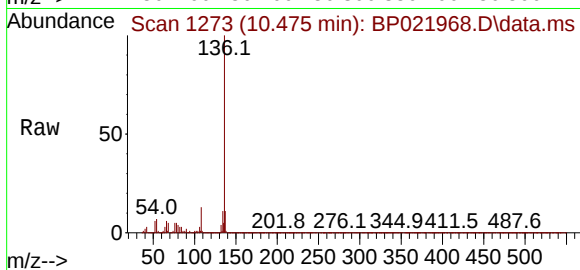
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 7.0 5.5 8.3

68 4.5 3.6 5.4



#22

Acetophenone

Concen: 9.287 ng

RT: 8.522 min Scan# 941

Delta R.T. -0.006 min

Lab File: BP021968.D

Acq: 20 Sep 2024 15:28

Tgt Ion:105 Resp: 64790

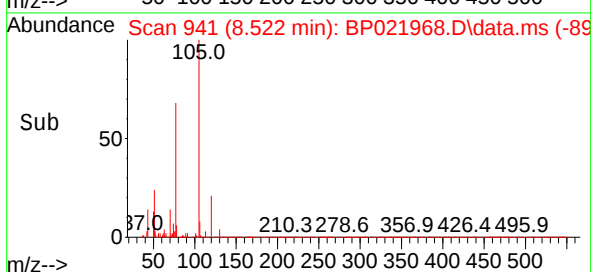
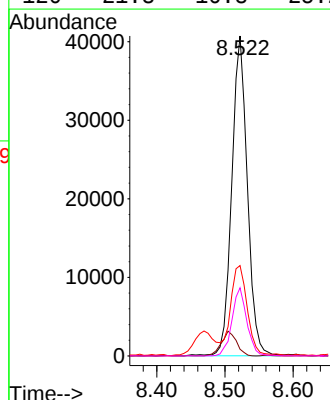
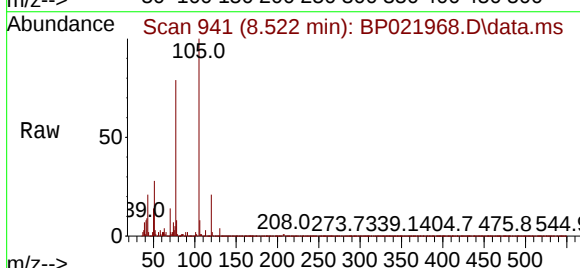
Ion Ratio Lower Upper

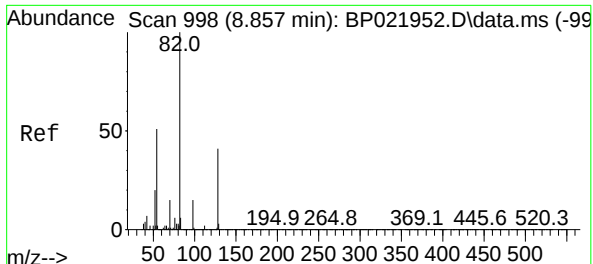
105 100

71 2.1 1.4 2.0#

51 28.3 22.1 33.1

120 21.3 16.8 25.2





#23

Nitrobenzene-d5

Concen: 75.007 ng

RT: 8.851 min Scan# 997

Delta R.T. -0.006 min

Lab File: BP021968.D

Acq: 20 Sep 2024 15:28

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT2-2024

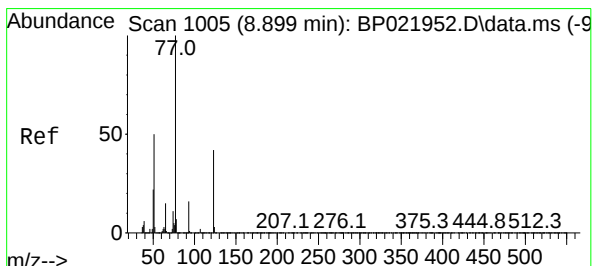
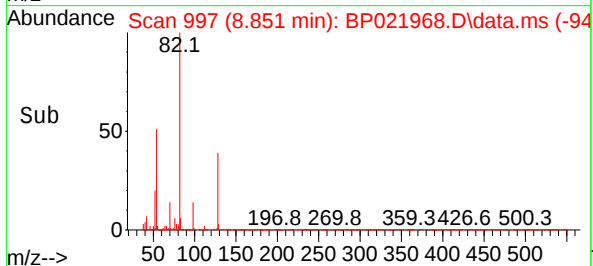
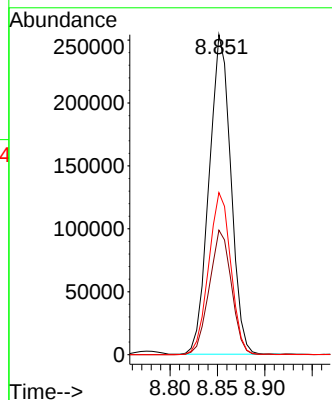
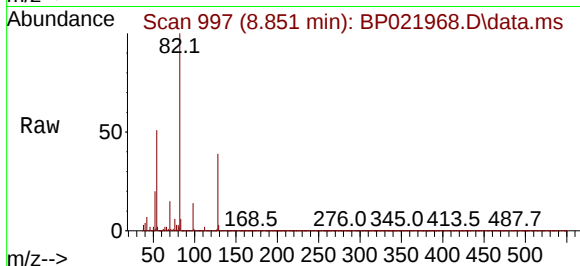
Tgt Ion: 82 Resp: 405417

Ion Ratio Lower Upper

82 100

128 38.9 33.1 49.7

54 50.7 40.3 60.5



#24

Nitrobenzene

Concen: 8.960 ng

RT: 8.893 min Scan# 1004

Delta R.T. -0.006 min

Lab File: BP021968.D

Acq: 20 Sep 2024 15:28

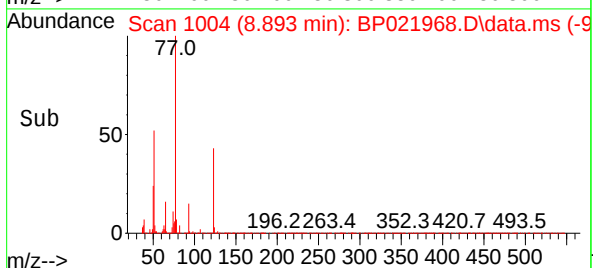
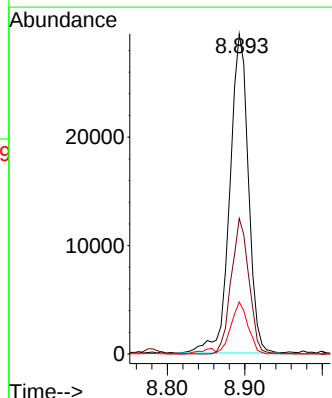
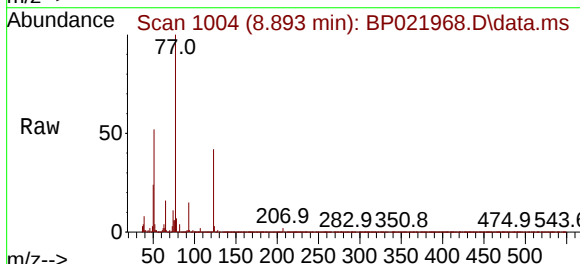
Tgt Ion: 77 Resp: 49180

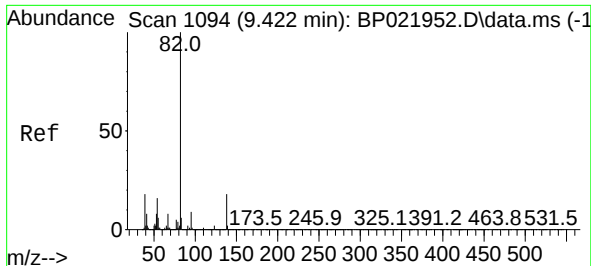
Ion Ratio Lower Upper

77 100

123 42.4 33.9 50.9

65 16.3 12.0 18.0





#25

Isophorone

Concen: 8.663 ng

RT: 9.416 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP021968.D

Acq: 20 Sep 2024 15:28

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT2-2024

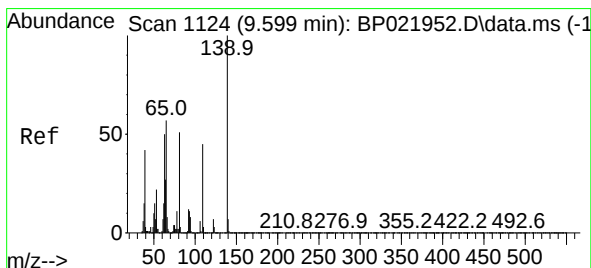
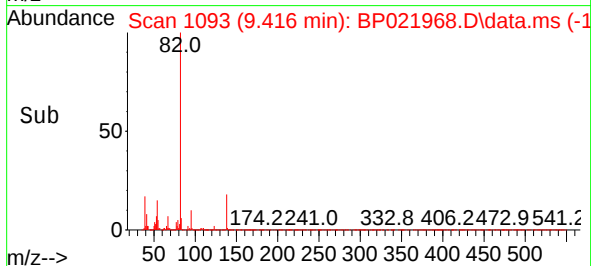
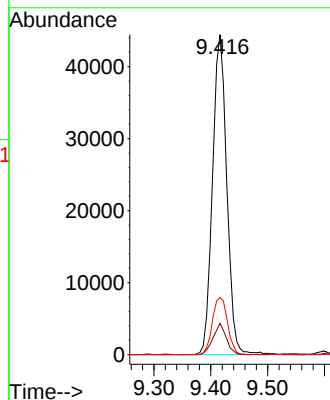
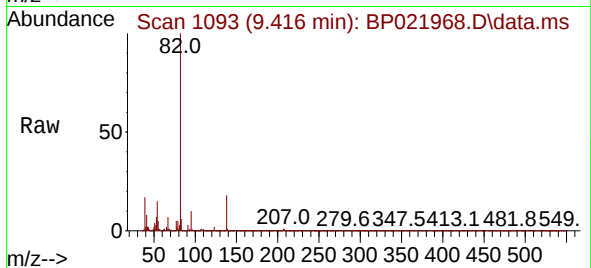
Tgt Ion: 82 Resp: 77198

Ion Ratio Lower Upper

82 100

95 9.8 7.0 10.6

138 17.9 14.6 21.8



#26

2-Nitrophenol

Concen: 7.770 ng

RT: 9.598 min Scan# 1124

Delta R.T. -0.000 min

Lab File: BP021968.D

Acq: 20 Sep 2024 15:28

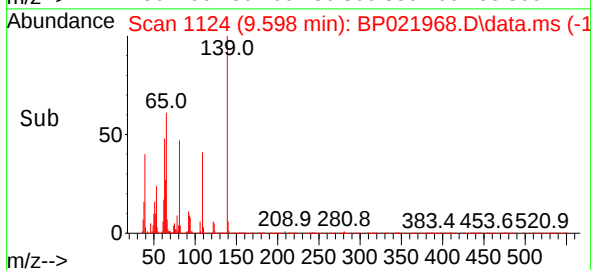
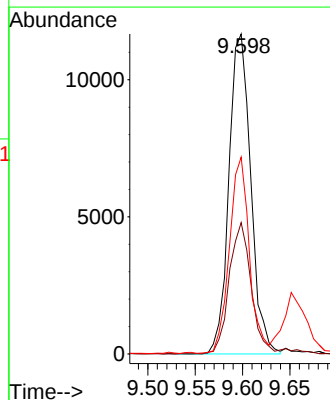
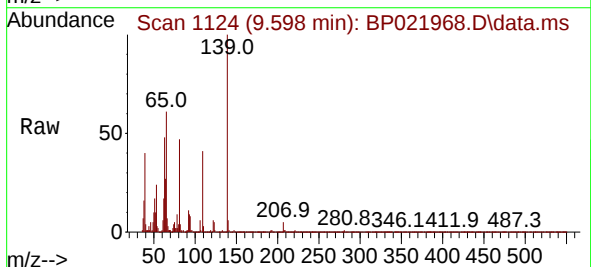
Tgt Ion: 139 Resp: 18648

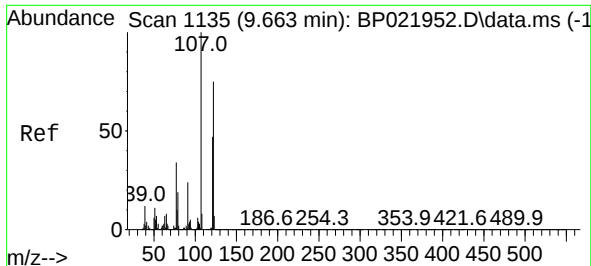
Ion Ratio Lower Upper

139 100

109 41.0 36.0 54.0

65 61.5 45.7 68.5

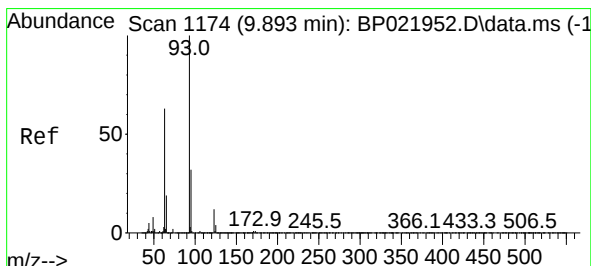
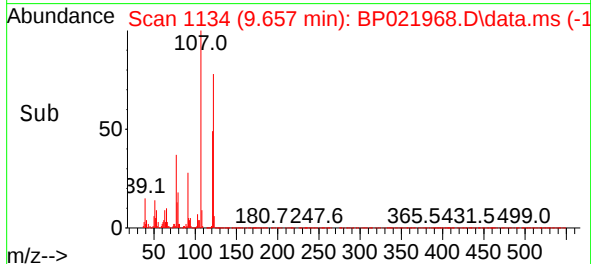
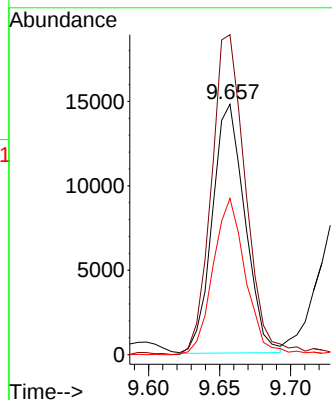
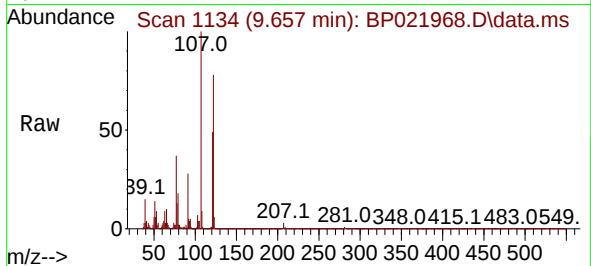




#27
2,4-Dimethylphenol
Concen: 8.470 ng
RT: 9.657 min Scan# 1135
Delta R.T. -0.006 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

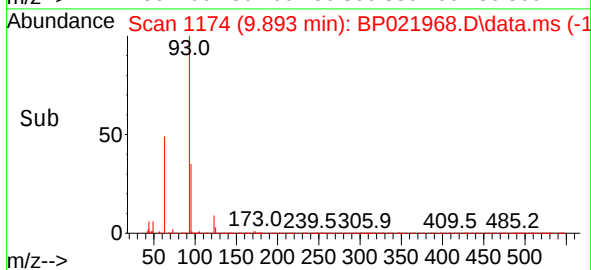
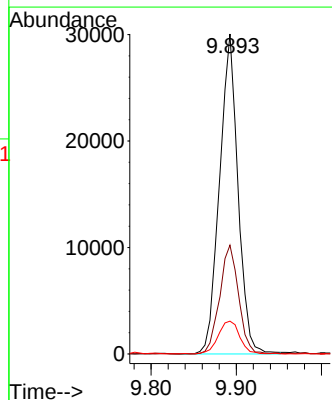
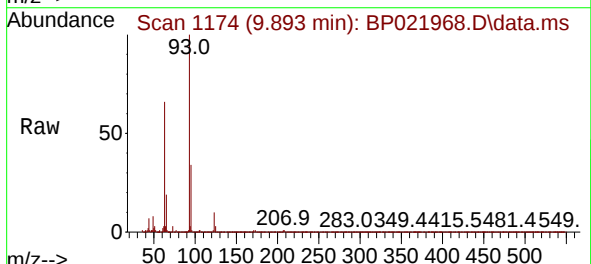
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2024

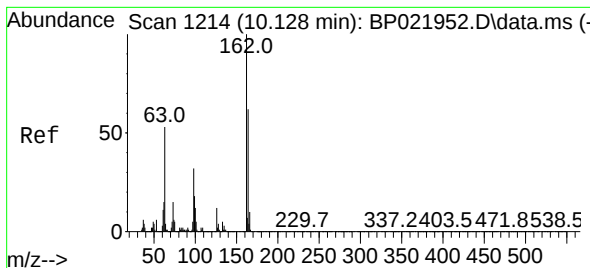
Tgt Ion:122 Resp: 23537
Ion Ratio Lower Upper
122 100
107 127.8 106.1 159.1
121 62.4 49.6 74.4



#28
bis(2-Chloroethoxy)methane
Concen: 8.482 ng
RT: 9.893 min Scan# 1174
Delta R.T. -0.000 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

Tgt Ion: 93 Resp: 45317
Ion Ratio Lower Upper
93 100
95 34.0 25.7 38.5
123 10.2 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 8.129 ng

RT: 10.128 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BP021968.D

Acq: 20 Sep 2024 15:28

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT2-2024

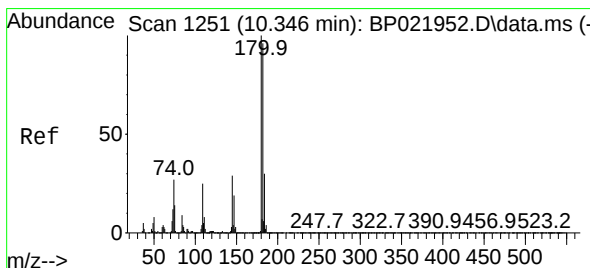
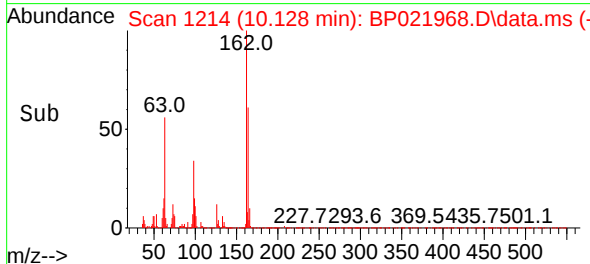
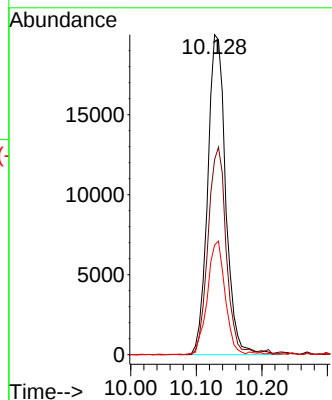
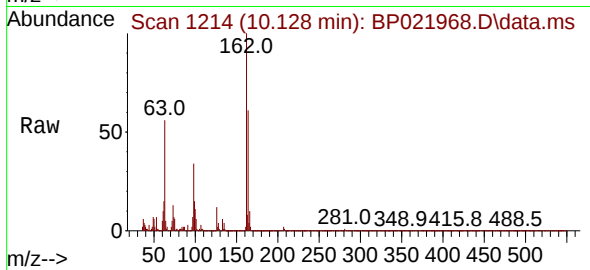
Tgt Ion:162 Resp: 38343

Ion Ratio Lower Upper

162 100

164 61.0 41.7 81.7

98 34.3 12.4 52.4



#30

1,2,4-Trichlorobenzene

Concen: 8.430 ng

RT: 10.334 min Scan# 1249

Delta R.T. -0.012 min

Lab File: BP021968.D

Acq: 20 Sep 2024 15:28

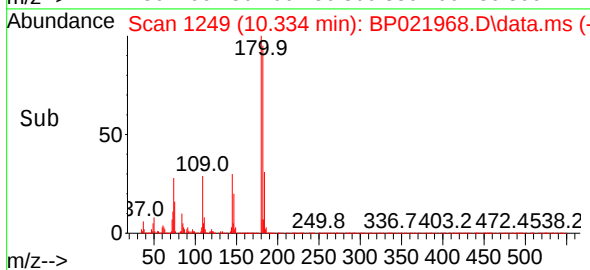
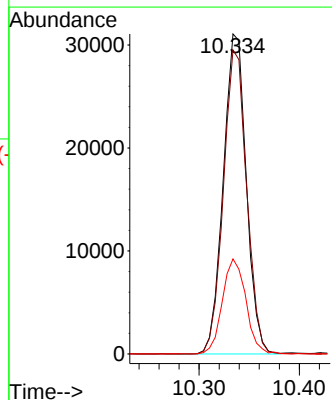
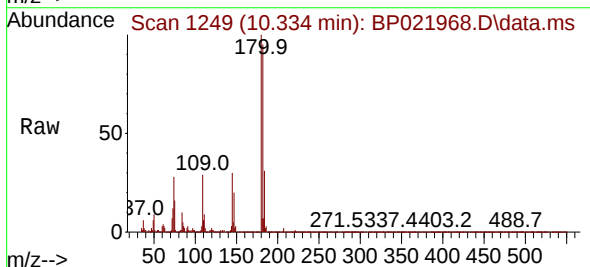
Tgt Ion:180 Resp: 49529

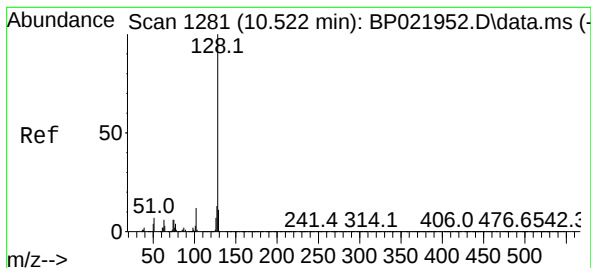
Ion Ratio Lower Upper

180 100

182 95.0 77.0 115.4

145 29.7 23.0 34.6





#31

Naphthalene

Concen: 8.543 ng

RT: 10.528 min Scan# 1147

Delta R.T. 0.006 min

Lab File: BP021968.D

Acq: 20 Sep 2024 15:28

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT2-2024

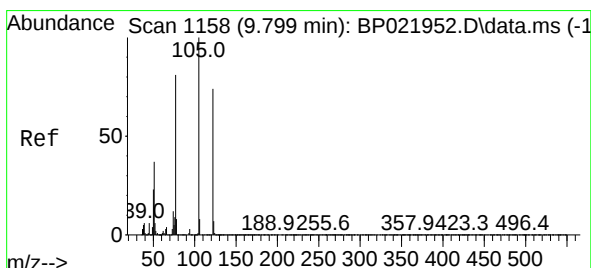
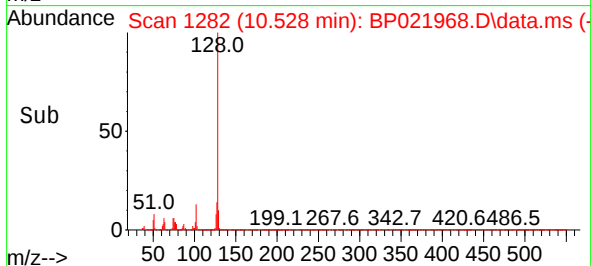
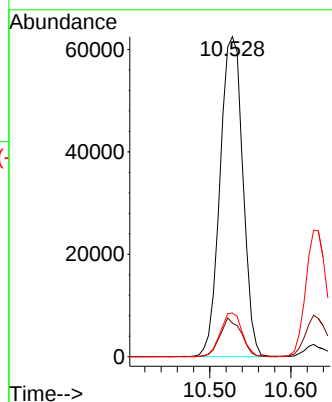
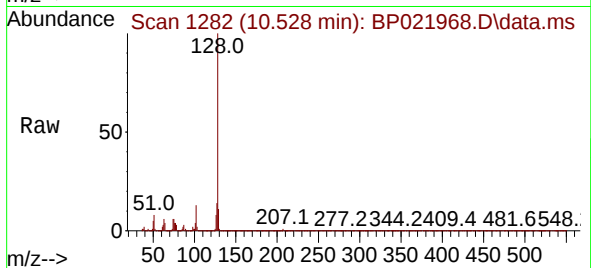
Tgt Ion:128 Resp: 121910

Ion Ratio Lower Upper

128 100

129 10.5 8.6 13.0

127 13.6 10.6 15.8



#32

Benzoic acid

Concen: 5.444 ng

RT: 9.734 min Scan# 1147

Delta R.T. -0.065 min

Lab File: BP021968.D

Acq: 20 Sep 2024 15:28

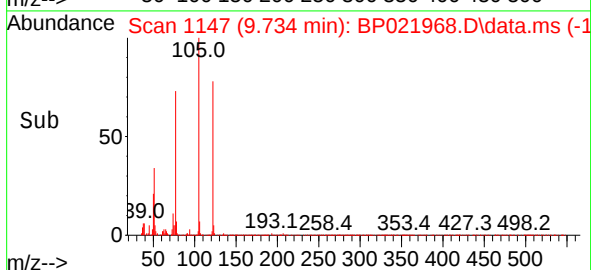
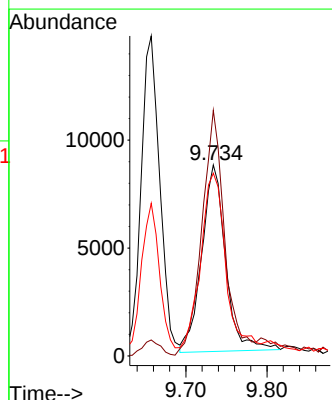
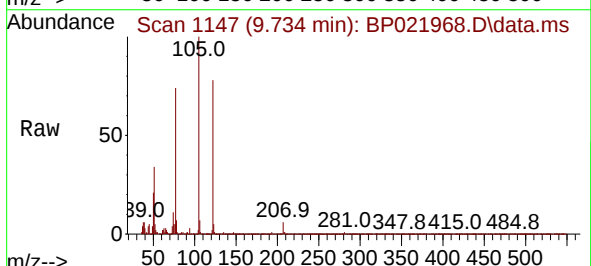
Tgt Ion:122 Resp: 17686

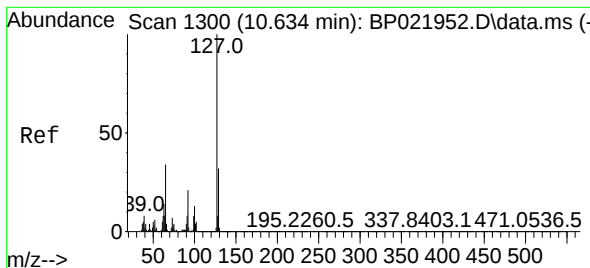
Ion Ratio Lower Upper

122 100

105 128.5 111.3 151.3

77 95.6 86.7 126.7





#33

4-Chloroaniline

Concen: 9.059 ng

RT: 10.628 min Scan# 1299

Delta R.T. -0.006 min

Lab File: BP021968.D

Acq: 20 Sep 2024 15:28

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT2-2024

Tgt Ion:127 Resp: 46632

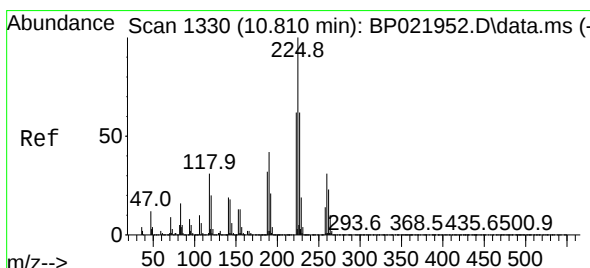
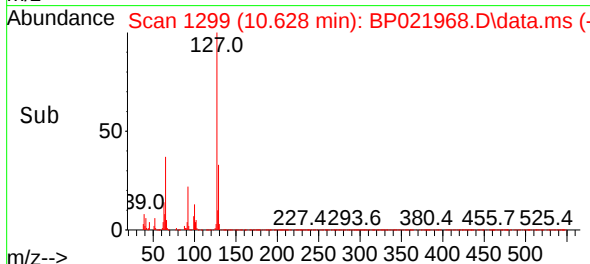
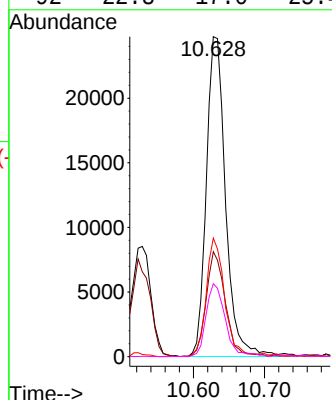
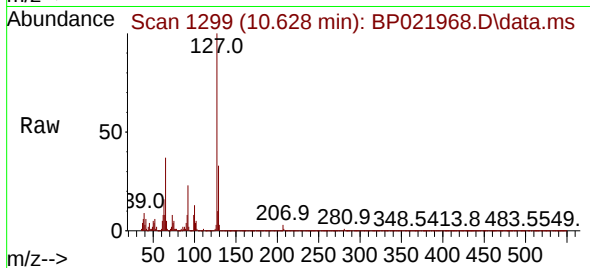
Ion Ratio Lower Upper

127 100

129 32.8 25.4 38.0

65 37.1 27.4 41.2

92 22.8 17.0 25.4



#34

Hexachlorobutadiene

Concen: 8.227 ng

RT: 10.816 min Scan# 1331

Delta R.T. 0.006 min

Lab File: BP021968.D

Acq: 20 Sep 2024 15:28

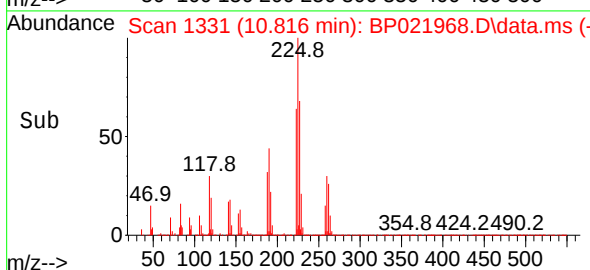
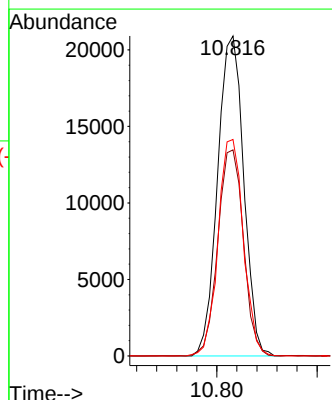
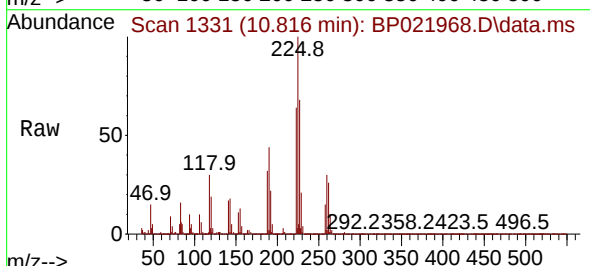
Tgt Ion:225 Resp: 37815

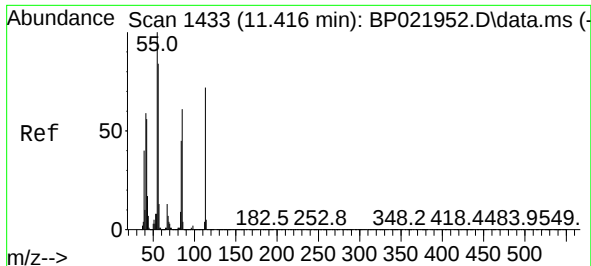
Ion Ratio Lower Upper

225 100

223 64.4 50.0 75.0

227 67.6 49.7 74.5





#35

Caprolactam

Concen: 7.471 ng

RT: 11.398 min Scan# 1433

Delta R.T. -0.018 min

Lab File: BP021968.D

Acq: 20 Sep 2024 15:28

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT2-2024

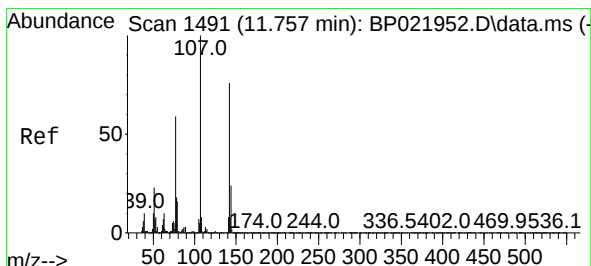
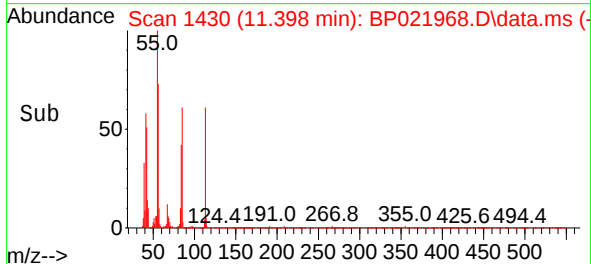
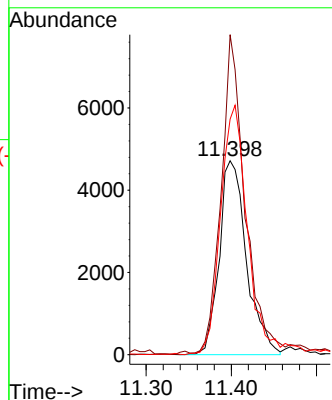
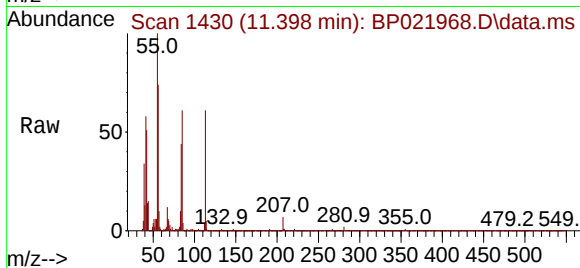
Tgt Ion:113 Resp: 10487

Ion Ratio Lower Upper

113 100

55 165.0 119.4 159.4#

56 121.4 97.1 137.1



#36

4-Chloro-3-methylphenol

Concen: 7.948 ng

RT: 11.751 min Scan# 1490

Delta R.T. -0.006 min

Lab File: BP021968.D

Acq: 20 Sep 2024 15:28

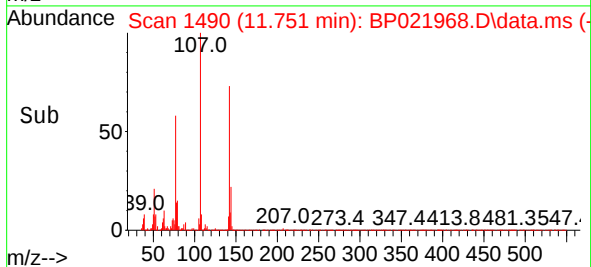
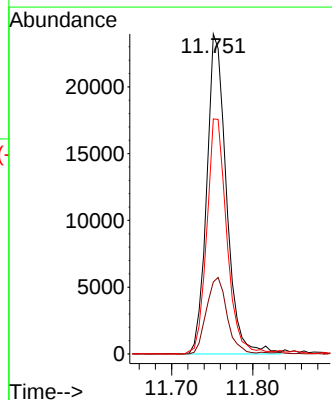
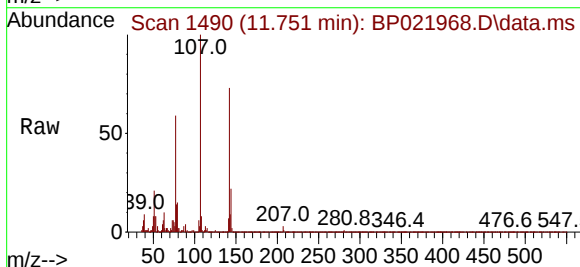
Tgt Ion:107 Resp: 40220

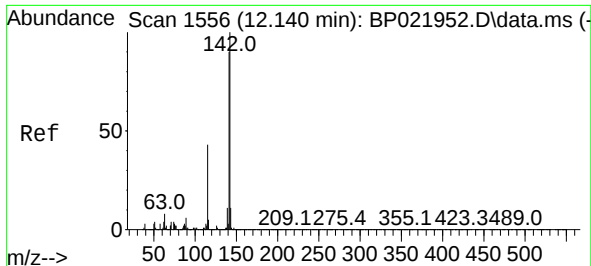
Ion Ratio Lower Upper

107 100

144 22.5 19.0 28.4

142 73.5 60.4 90.6

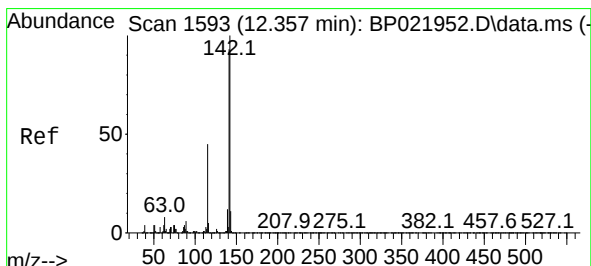
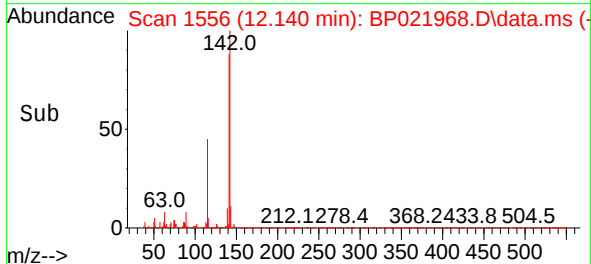
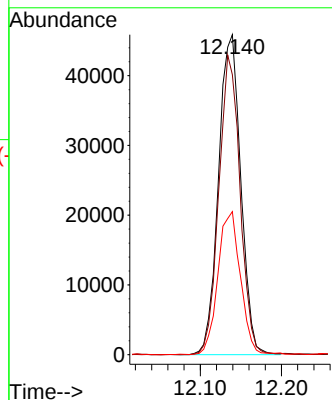
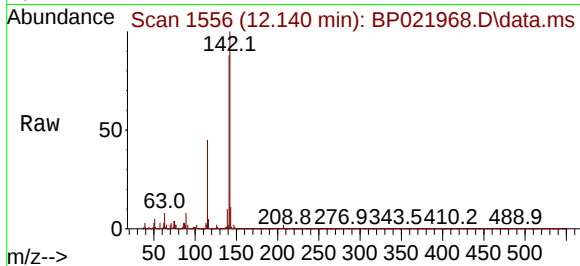




#37
2-Methylnaphthalene
Concen: 8.377 ng
RT: 12.140 min Scan# 1556
Delta R.T. -0.000 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

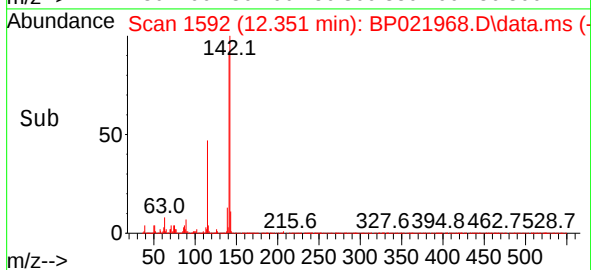
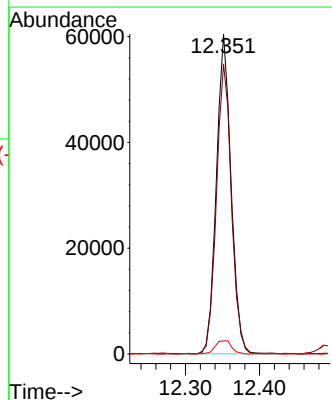
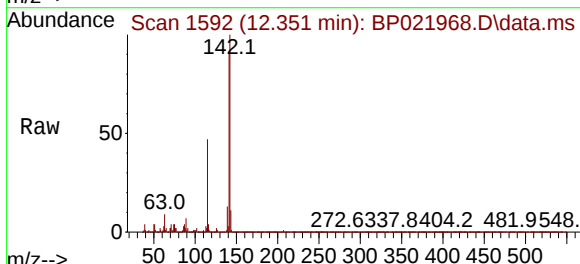
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2024

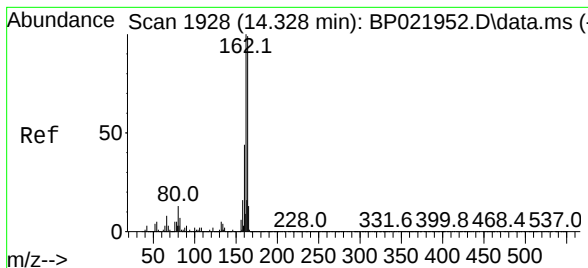
Tgt Ion:142 Resp: 87460
Ion Ratio Lower Upper
142 100
141 87.5 71.7 107.5
115 44.7 34.6 51.8



#38
1-Methylnaphthalene
Concen: 8.047 ng
RT: 12.351 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

Tgt Ion:142 Resp: 82951
Ion Ratio Lower Upper
142 100
141 90.6 74.1 111.1
116 4.1 3.8 5.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.334 min Scan# 1928

Delta R.T. 0.006 min

Lab File: BP021968.D

Acq: 20 Sep 2024 15:28

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT2-2024

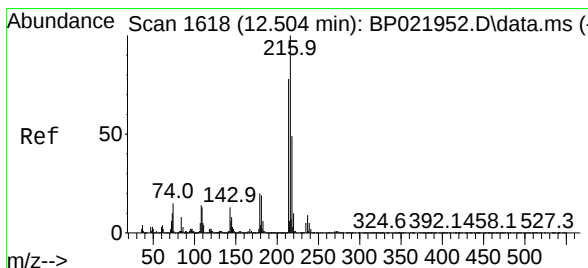
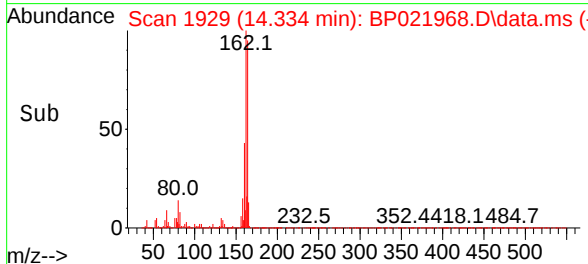
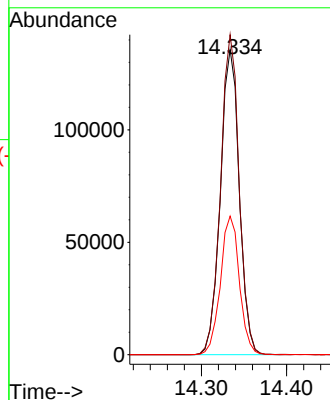
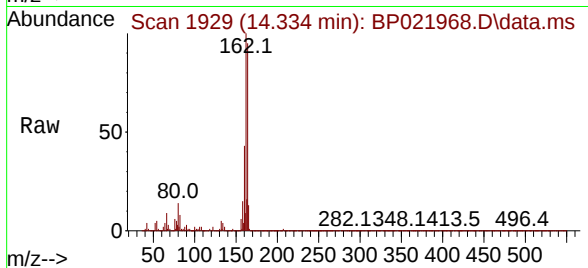
Tgt Ion:164 Resp: 208669

Ion Ratio Lower Upper

164 100

162 104.9 81.2 121.8

160 45.4 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 8.760 ng

RT: 12.510 min Scan# 1619

Delta R.T. 0.006 min

Lab File: BP021968.D

Acq: 20 Sep 2024 15:28

Tgt Ion:216 Resp: 63950

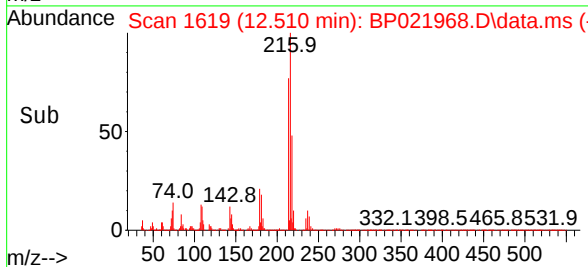
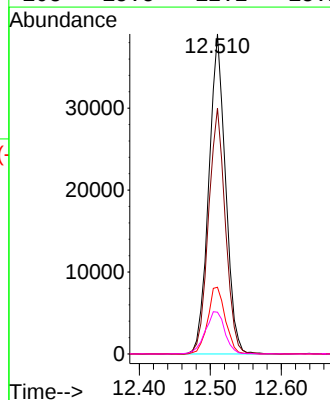
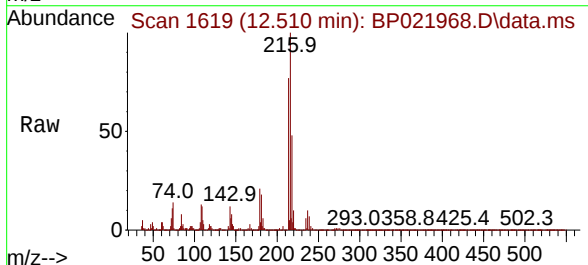
Ion Ratio Lower Upper

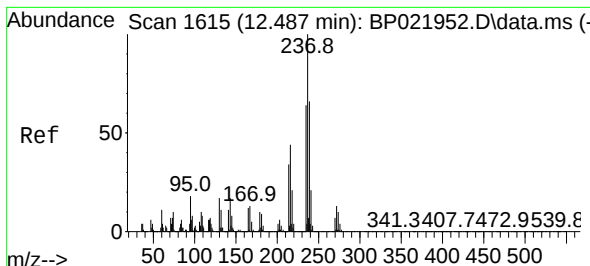
216 100

214 77.4 62.8 94.2

179 21.9 16.4 24.6

108 15.5 12.2 18.2





#41

Hexachlorocyclopentadiene

Concen: 9.850 ng

RT: 12.492 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP021968.D

Acq: 20 Sep 2024 15:28

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT2-2024

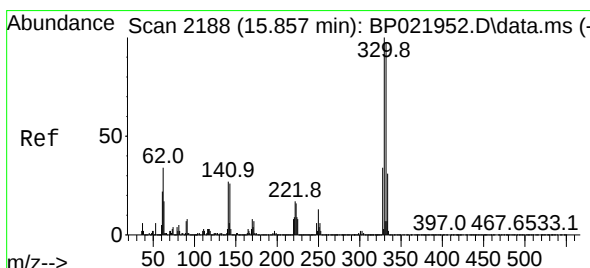
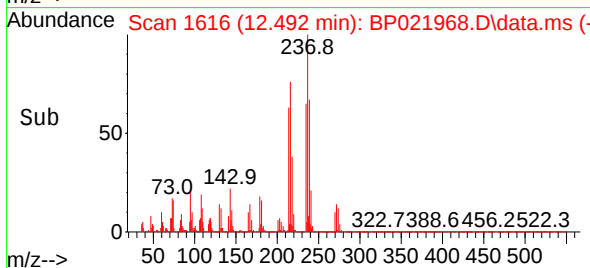
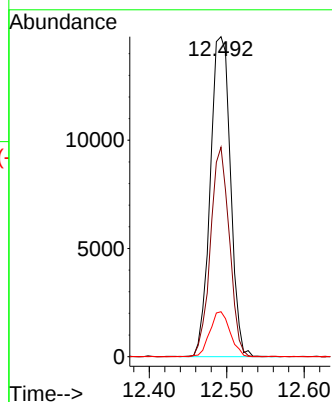
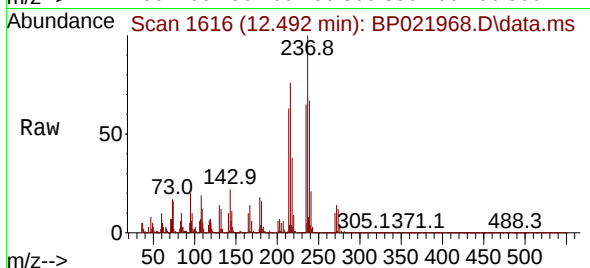
Tgt Ion:237 Resp: 26718

Ion Ratio Lower Upper

237 100

235 65.4 44.1 84.1

272 14.1 0.0 33.1



#42

2,4,6-Tribromophenol

Concen: 107.958 ng

RT: 15.845 min Scan# 2186

Delta R.T. -0.012 min

Lab File: BP021968.D

Acq: 20 Sep 2024 15:28

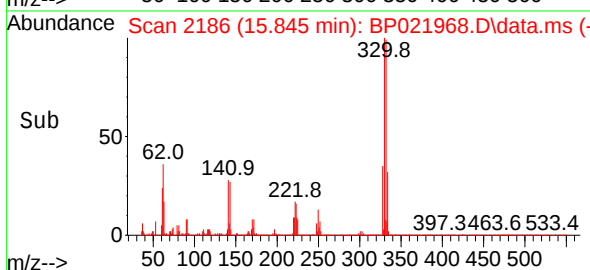
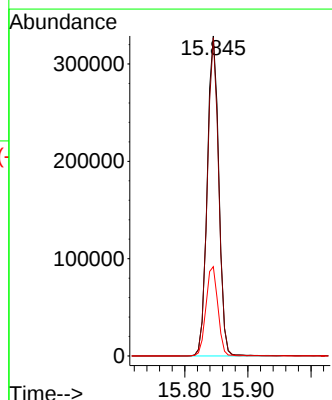
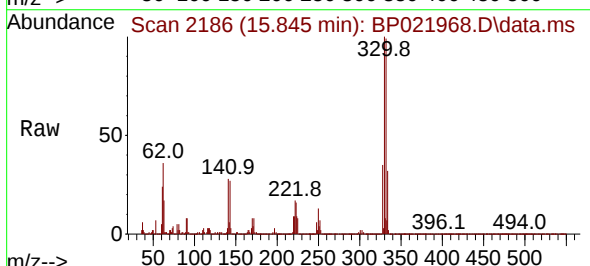
Tgt Ion:330 Resp: 417633

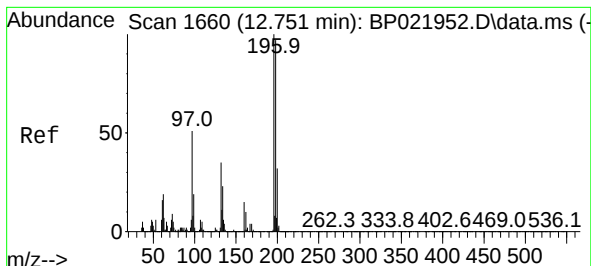
Ion Ratio Lower Upper

330 100

332 97.5 77.5 116.3

141 28.9 23.4 35.0





#43

2,4,6-Trichlorophenol

Concen: 7.717 ng

RT: 12.751 min Scan# 1660

Delta R.T. -0.000 min

Lab File: BP021968.D

Acq: 20 Sep 2024 15:28

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT2-2024

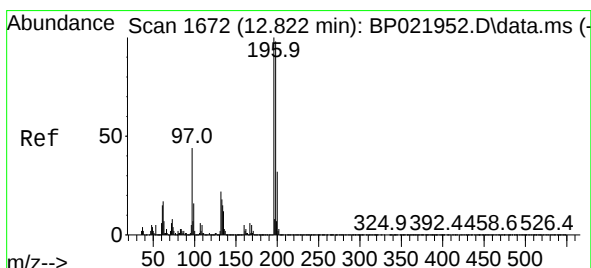
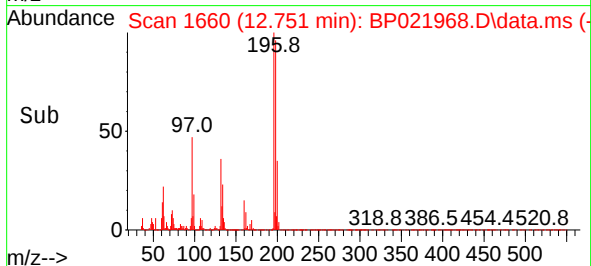
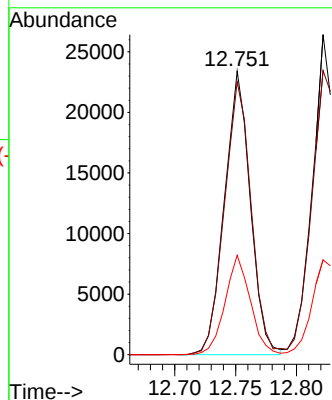
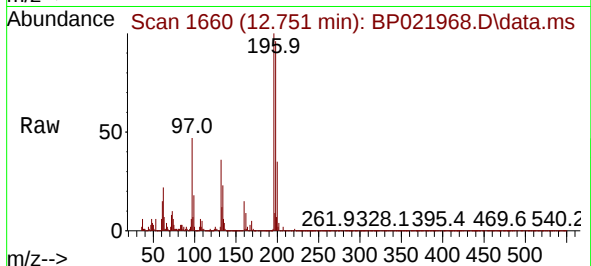
Tgt Ion:196 Resp: 34578

Ion Ratio Lower Upper

196 100

198 96.3 77.6 116.4

200 35.1 25.8 38.6



#44

2,4,5-Trichlorophenol

Concen: 7.810 ng

RT: 12.822 min Scan# 1672

Delta R.T. -0.000 min

Lab File: BP021968.D

Acq: 20 Sep 2024 15:28

Tgt Ion:196 Resp: 39259

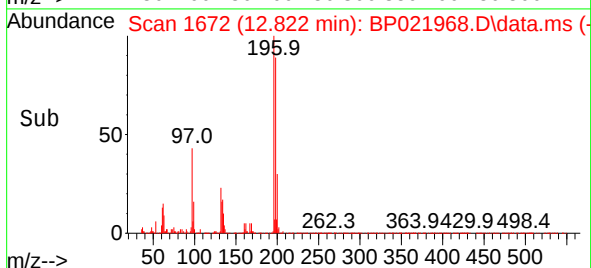
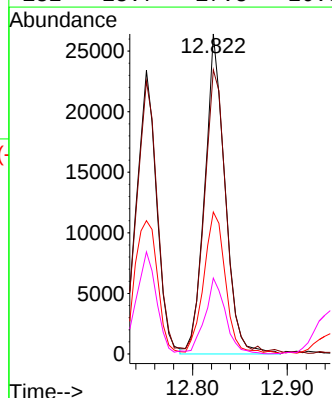
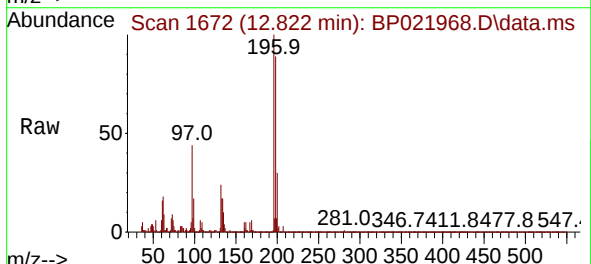
Ion Ratio Lower Upper

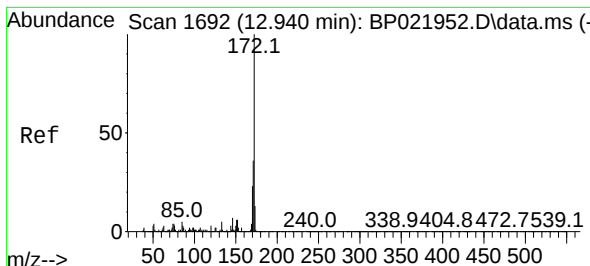
196 100

198 88.8 78.2 117.4

97 44.3 35.0 52.4

132 23.7 17.8 26.8





#45

2-Fluorobiphenyl

Concen: 73.007 ng

RT: 12.940 min Scan# 1692

Delta R.T. -0.000 min

Lab File: BP021968.D

Acq: 20 Sep 2024 15:28

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT2-2024

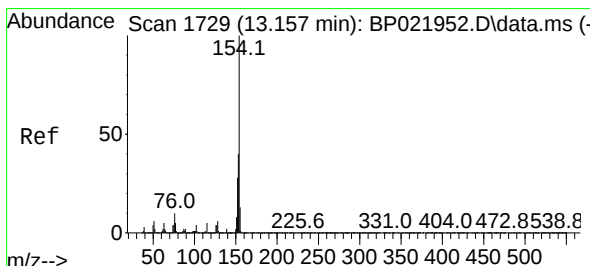
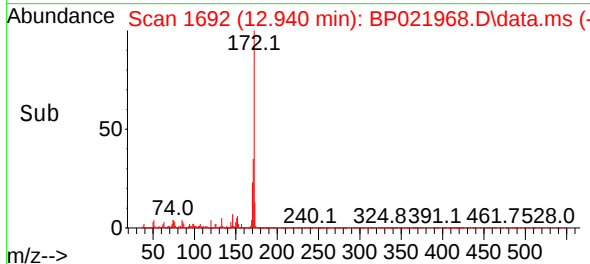
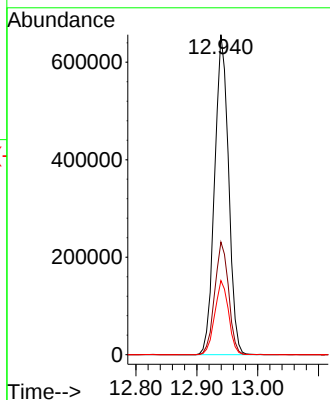
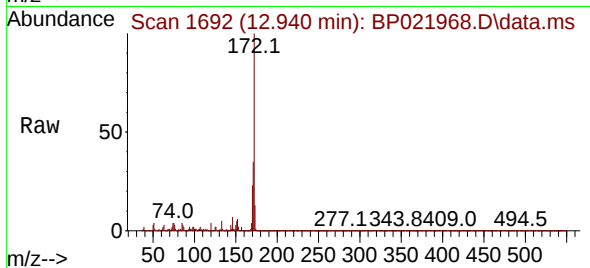
Tgt Ion:172 Resp: 1043609

Ion Ratio Lower Upper

172 100

171 35.2 28.6 43.0

170 23.1 18.8 28.2



#46

1,1'-Biphenyl

Concen: 9.041 ng

RT: 13.157 min Scan# 1729

Delta R.T. -0.000 min

Lab File: BP021968.D

Acq: 20 Sep 2024 15:28

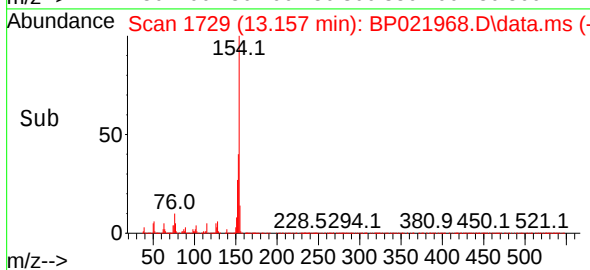
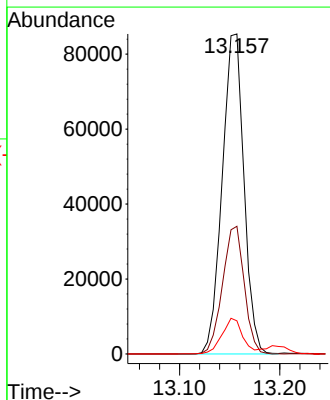
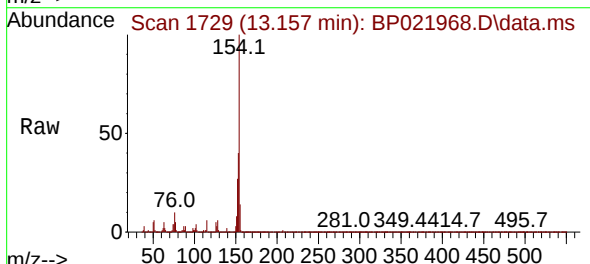
Tgt Ion:154 Resp: 128631

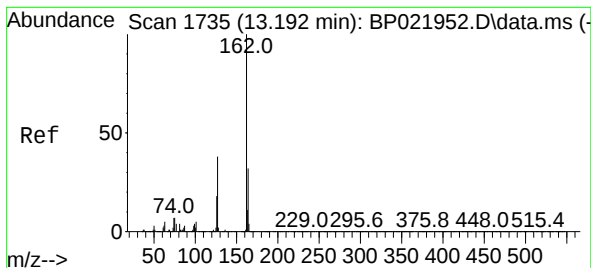
Ion Ratio Lower Upper

154 100

153 39.9 20.2 60.2

76 10.3 0.0 29.9





#47

2-Chloronaphthalene

Concen: 8.647 ng

RT: 13.198 min Scan# 1735

Delta R.T. 0.006 min

Lab File: BP021968.D

Acq: 20 Sep 2024 15:28

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT2-2024

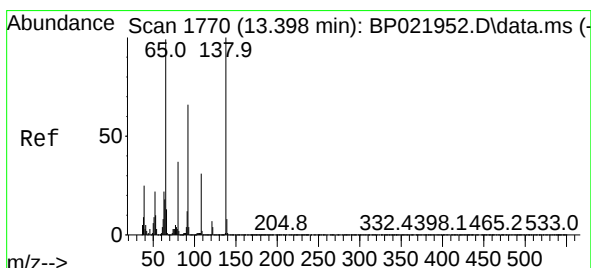
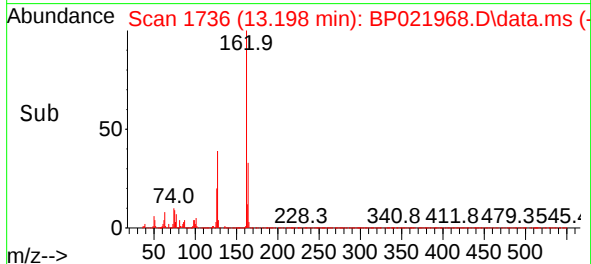
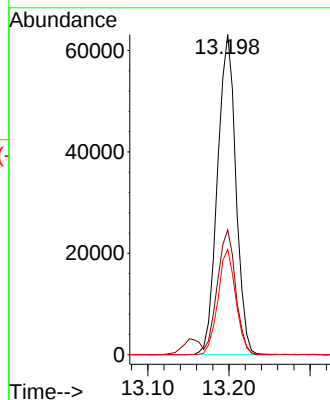
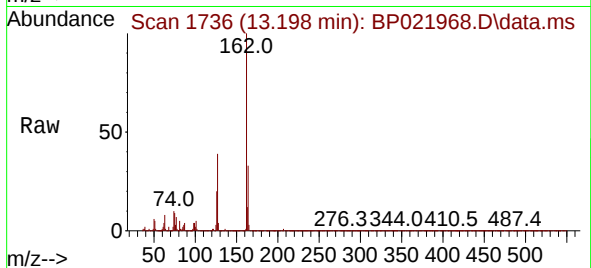
Tgt Ion:162 Resp: 99482

Ion Ratio Lower Upper

162 100

127 39.0 31.7 47.5

164 32.9 25.9 38.9



#48

2-Nitroaniline

Concen: 7.837 ng

RT: 13.398 min Scan# 1770

Delta R.T. -0.000 min

Lab File: BP021968.D

Acq: 20 Sep 2024 15:28

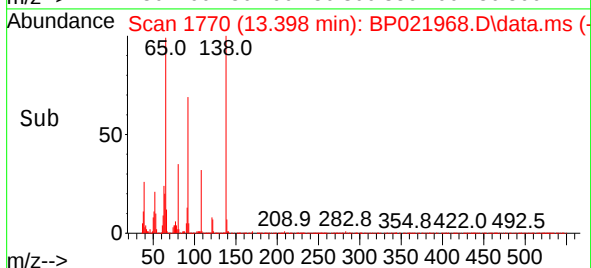
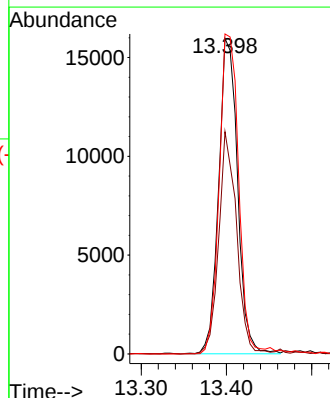
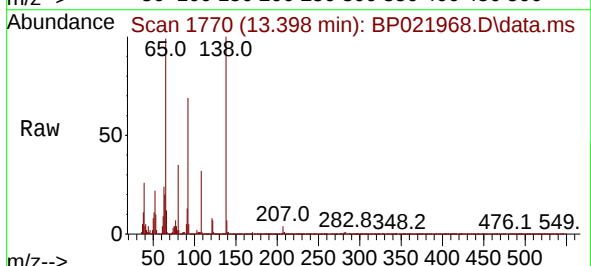
Tgt Ion: 65 Resp: 24620

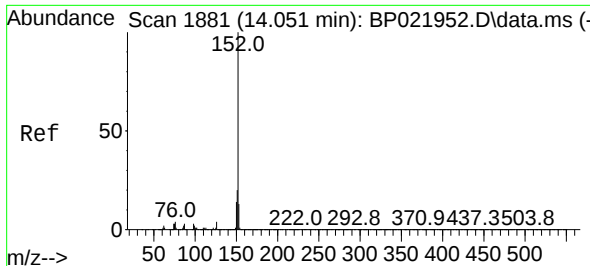
Ion Ratio Lower Upper

65 100

92 70.4 53.2 79.8

138 101.4 81.1 121.7

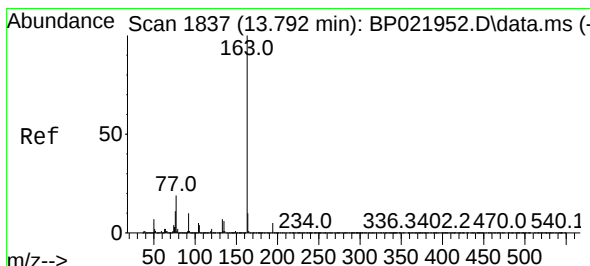
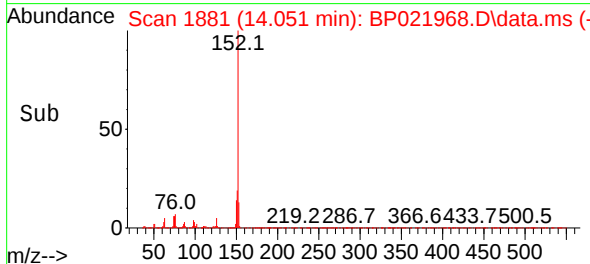
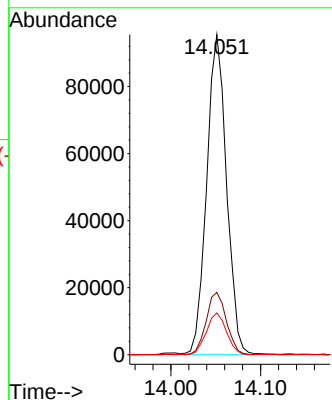
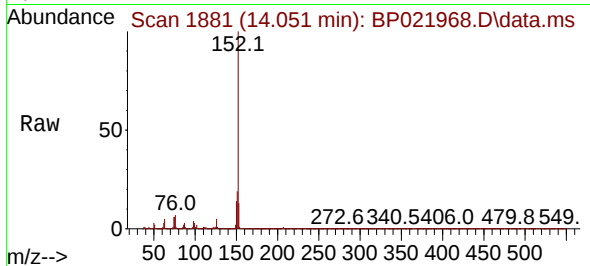




#49
Acenaphthylene
Concen: 9.017 ng
RT: 14.051 min Scan# 1881
Delta R.T. -0.000 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

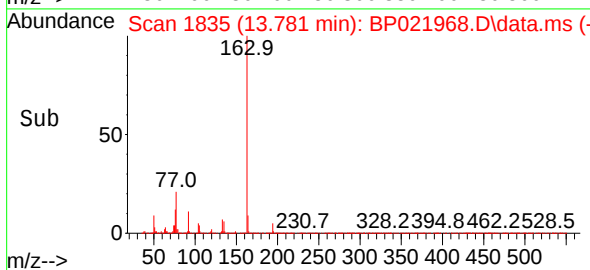
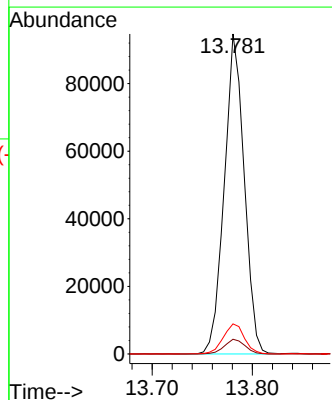
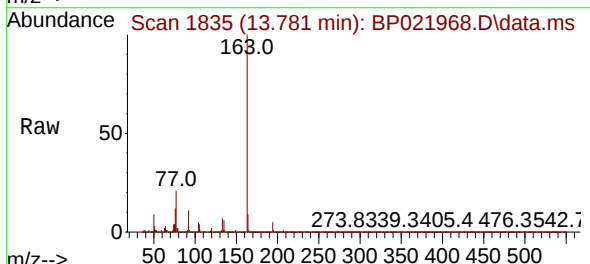
Instrument : BNA_P
ClientSampleId : LOQ-WATER-02-QT2-2024

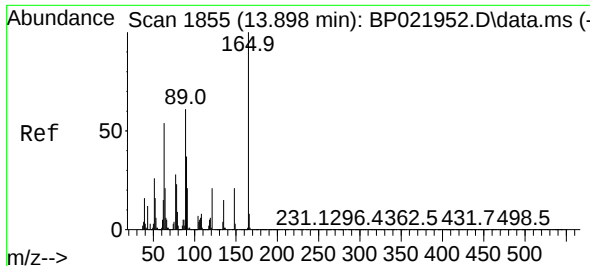
Tgt Ion:152 Resp: 146373
Ion Ratio Lower Upper
152 100
151 19.5 16.0 24.0
153 13.0 10.8 16.2



#50
Dimethylphthalate
Concen: 8.619 ng
RT: 13.781 min Scan# 1835
Delta R.T. -0.012 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

Tgt Ion:163 Resp: 130445
Ion Ratio Lower Upper
163 100
194 4.6 3.6 5.4
164 9.4 8.0 12.0

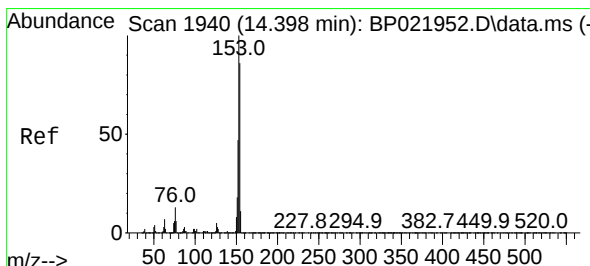
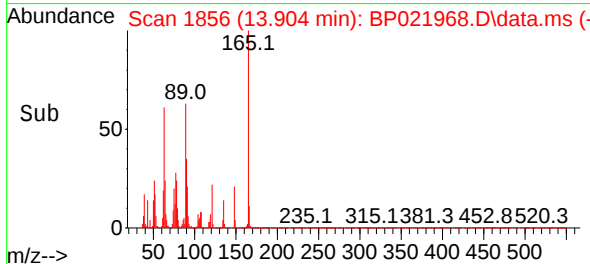
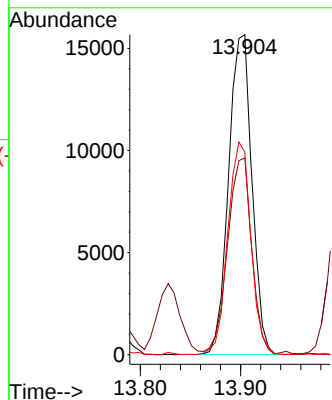
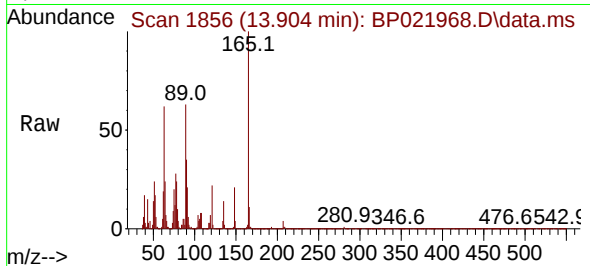




#51
2,6-Dinitrotoluene
Concen: 7.502 ng
RT: 13.904 min Scan# 1856
Delta R.T. 0.006 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

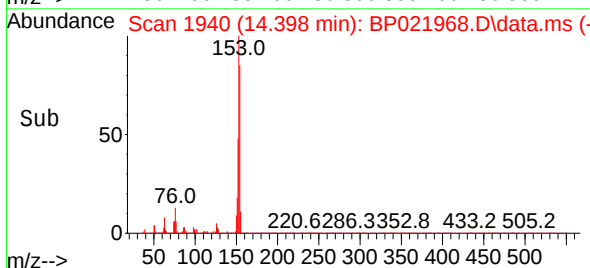
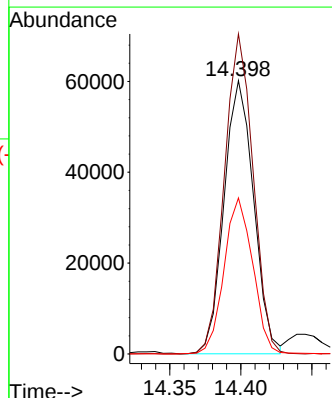
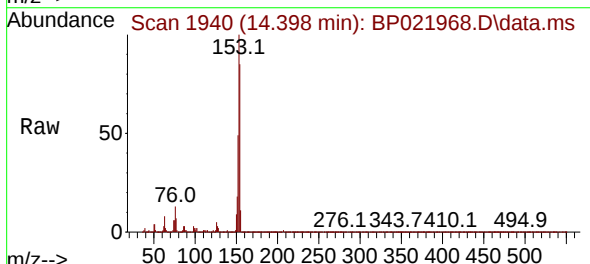
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2024

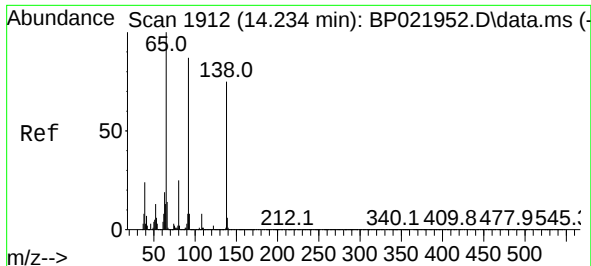
Tgt Ion	165	Resp	25301
Ion Ratio	Lower	Upper	
165	100		
63	61.5	46.4	69.6
89	63.3	48.5	72.7



#52
Acenaphthene
Concen: 8.250 ng
RT: 14.398 min Scan# 1940
Delta R.T. -0.000 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

Tgt Ion	154	Resp	87166
Ion Ratio	Lower	Upper	
154	100		
153	117.1	92.7	139.1
152	57.1	43.6	65.4

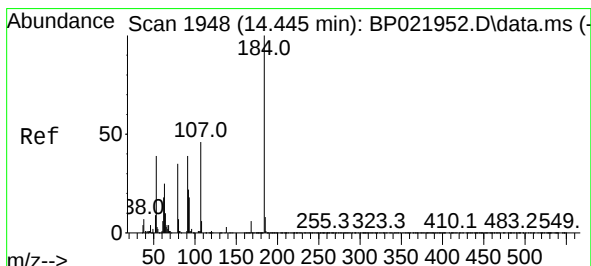
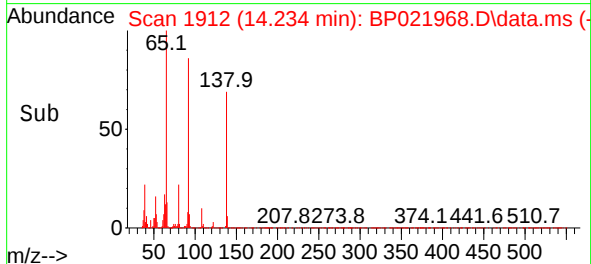
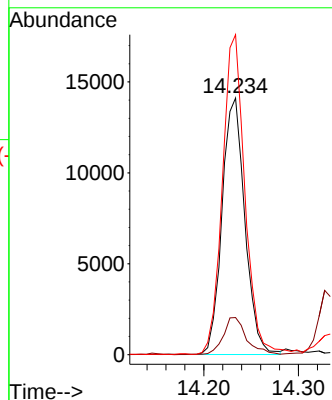
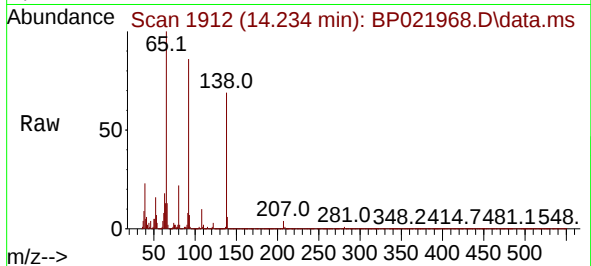




#53
3-Nitroaniline
Concen: 7.866 ng
RT: 14.234 min Scan# 1912
Delta R.T. -0.000 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

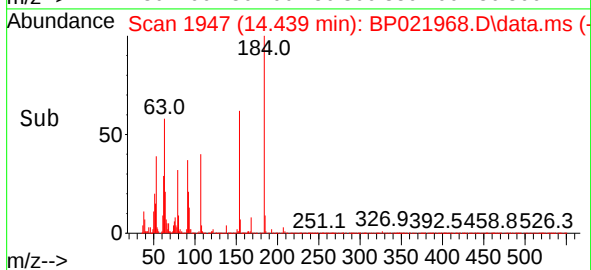
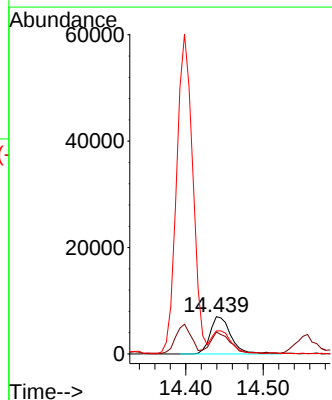
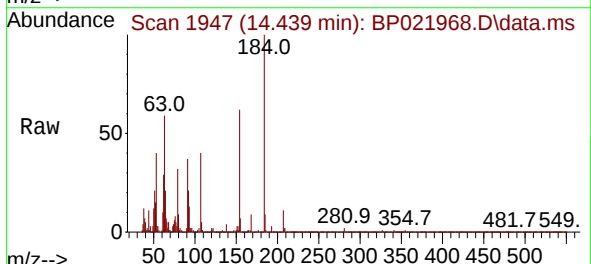
Instrument : BNA_P
ClientSampleId : LOQ-WATER-02-QT2-2024

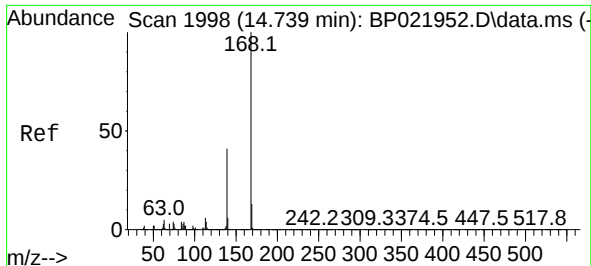
Tgt Ion:138 Resp: 23642
Ion Ratio Lower Upper
138 100
108 14.5 9.0 13.4#
92 124.7 92.8 139.2



#54
2,4-Dinitrophenol
Concen: 6.622 ng
RT: 14.439 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

Tgt Ion:184 Resp: 13085
Ion Ratio Lower Upper
184 100
63 58.9 49.0 73.6
154 62.1 58.1 87.1

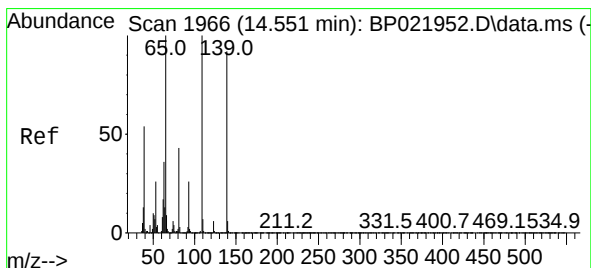
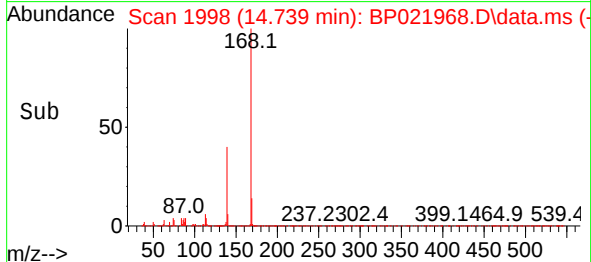
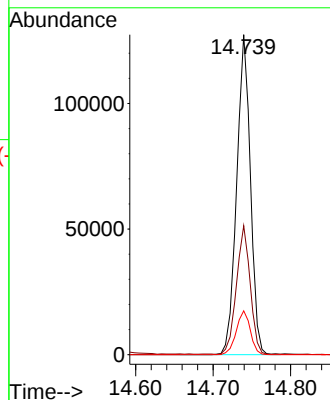
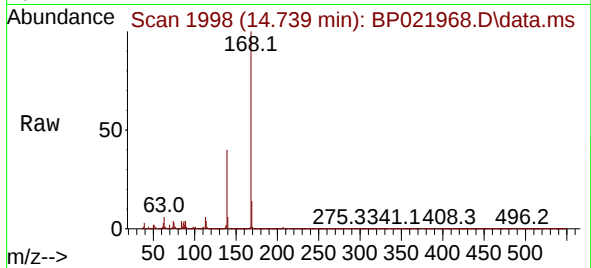




#55
Dibenzenofuran
Concen: 8.848 ng
RT: 14.739 min Scan# 1998
Delta R.T. -0.000 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

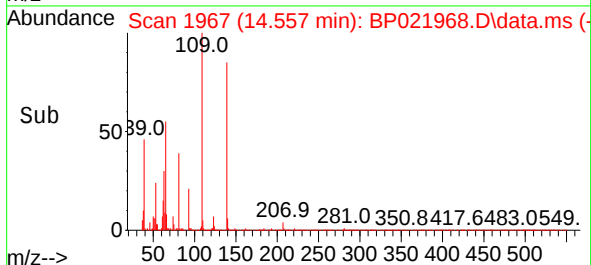
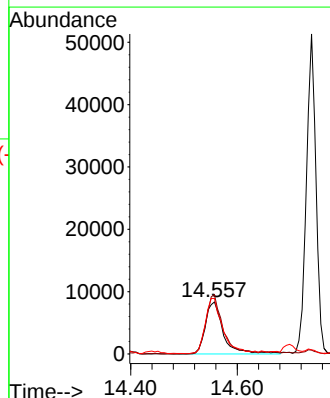
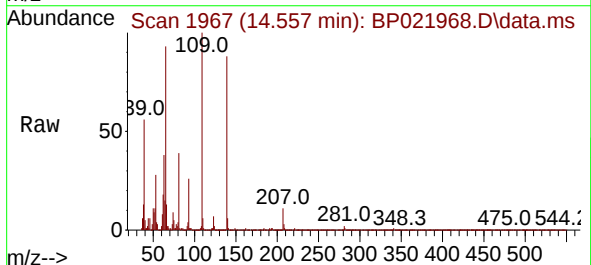
Instrument : BNA_P
ClientSampleId : LOQ-WATER-02-QT2-2024

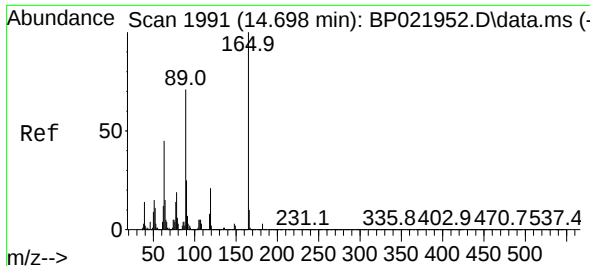
Tgt Ion:168 Resp: 157136
Ion Ratio Lower Upper
168 100
139 40.3 33.0 49.4
169 13.7 10.7 16.1



#56
4-Nitrophenol
Concen: 7.450 ng
RT: 14.557 min Scan# 1967
Delta R.T. 0.006 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

Tgt Ion:139 Resp: 19491
Ion Ratio Lower Upper
139 100
109 114.3 88.6 128.6
65 106.8 88.7 128.7

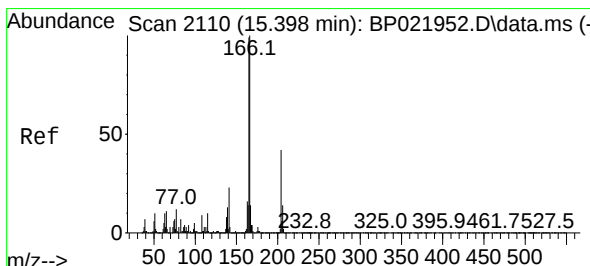
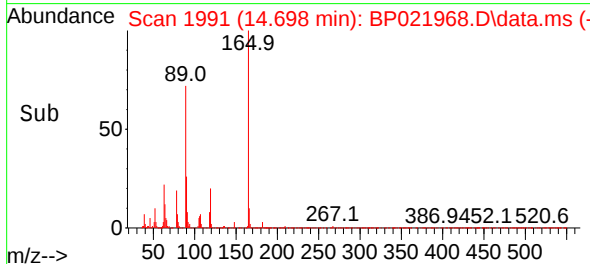
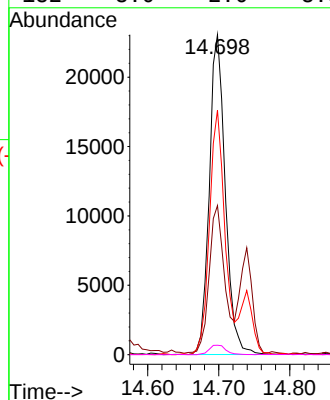
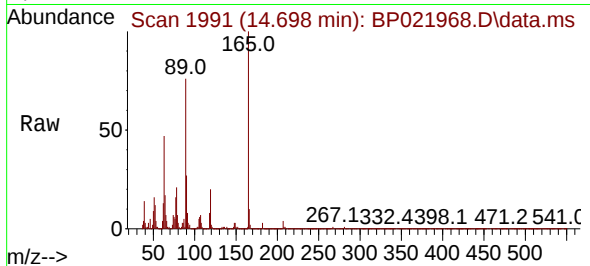




#57
2,4-Dinitrotoluene
Concen: 7.557 ng
RT: 14.698 min Scan# 1109
Delta R.T. -0.000 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

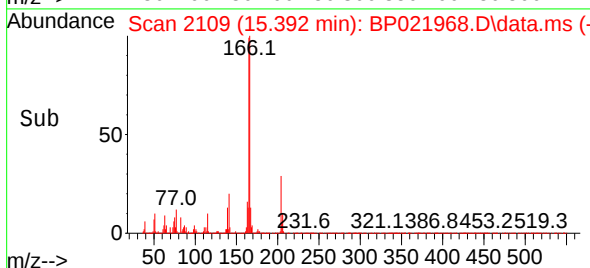
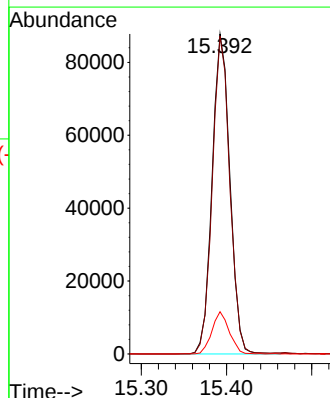
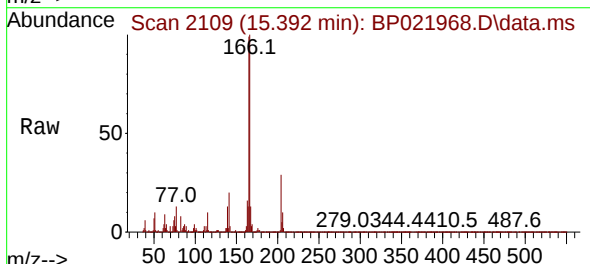
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2024

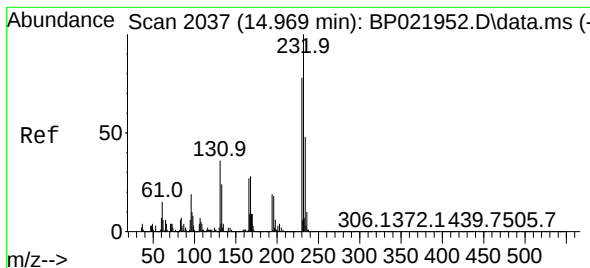
Tgt Ion:	165	Resp:	36026
Ion Ratio	Lower	Upper	
165	100		
63	46.6	36.3	54.5
89	76.4	57.2	85.8
182	3.0	2.6	3.8



#58
Fluorene
Concen: 8.572 ng
RT: 15.392 min Scan# 2109
Delta R.T. -0.006 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

Tgt Ion:	166	Resp:	127117
Ion Ratio	Lower	Upper	
166	100		
165	99.4	79.4	119.2
167	13.2	10.9	16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 8.324 ng

RT: 14.969 min Scan# 2037

Delta R.T. -0.000 min

Lab File: BP021968.D

Acq: 20 Sep 2024 15:28

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT2-2024

Tgt Ion:232 Resp: 40382

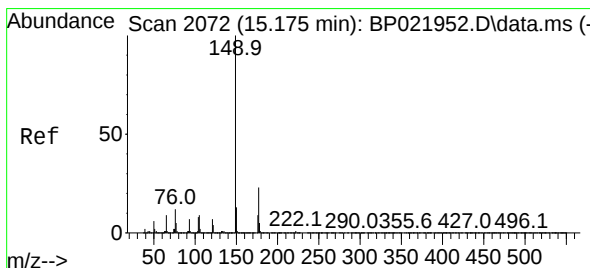
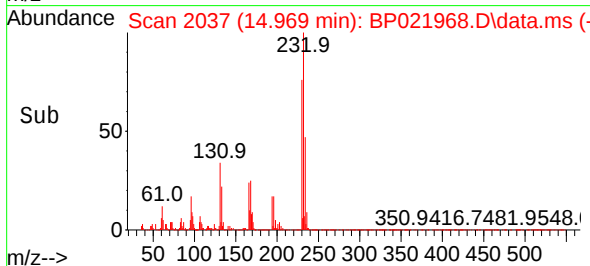
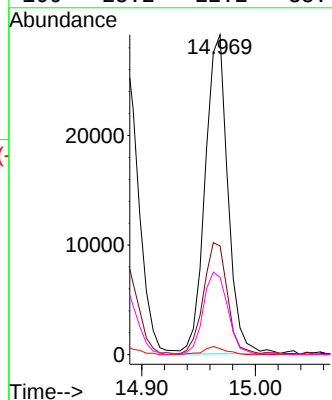
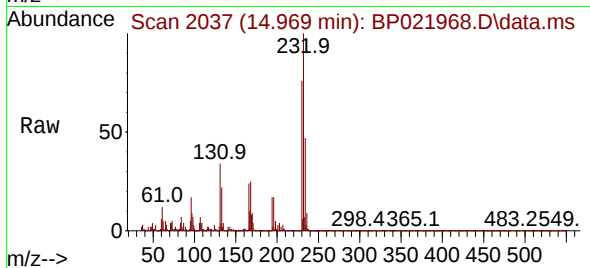
Ion Ratio Lower Upper

232 100

131 37.2 30.2 45.4

130 2.5 1.9 2.9

166 28.2 22.2 33.4



#60

Diethylphthalate

Concen: 8.403 ng

RT: 15.163 min Scan# 2070

Delta R.T. -0.012 min

Lab File: BP021968.D

Acq: 20 Sep 2024 15:28

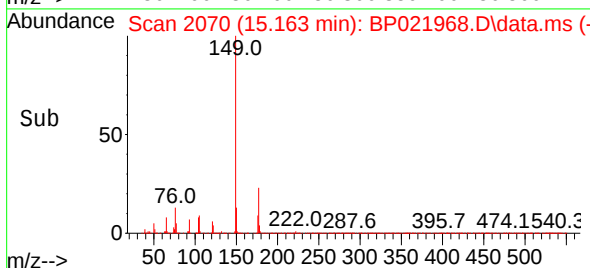
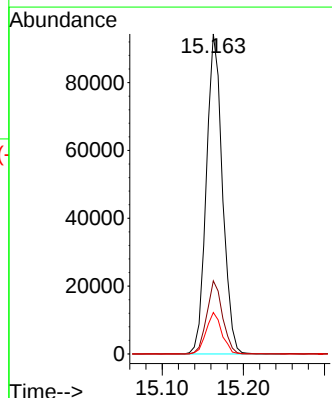
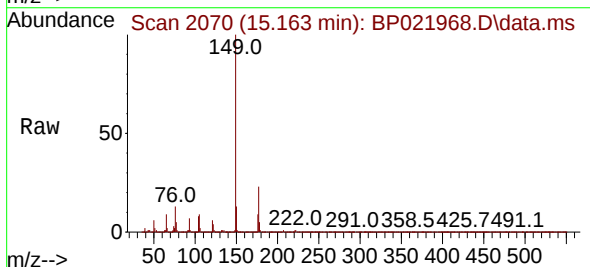
Tgt Ion:149 Resp: 129235

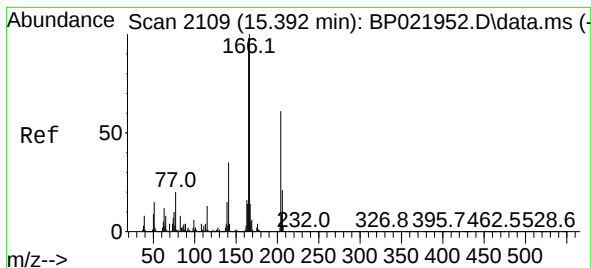
Ion Ratio Lower Upper

149 100

177 22.8 18.2 27.4

150 12.9 10.1 15.1

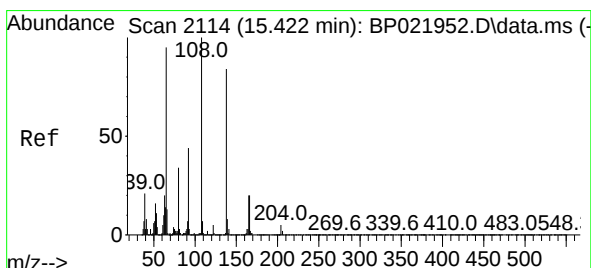
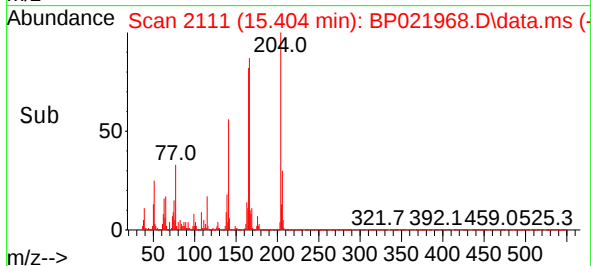
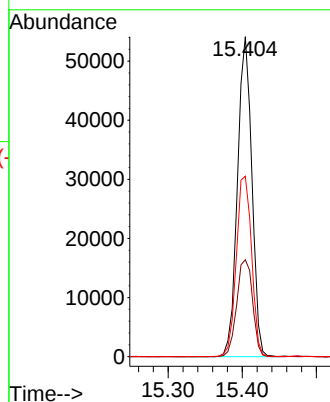
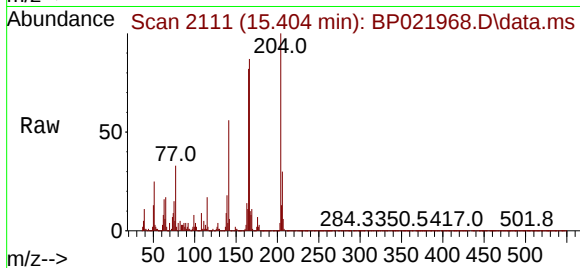




#61
4-Chlorophenyl-phenylether
Concen: 8.446 ng
RT: 15.404 min Scan# 2111
Delta R.T. 0.012 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

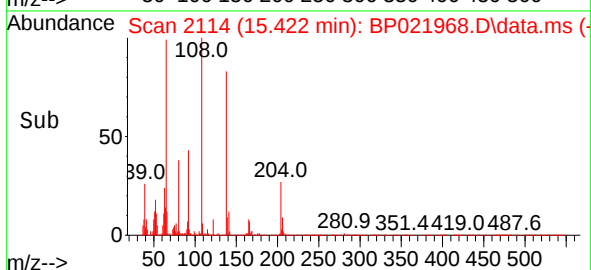
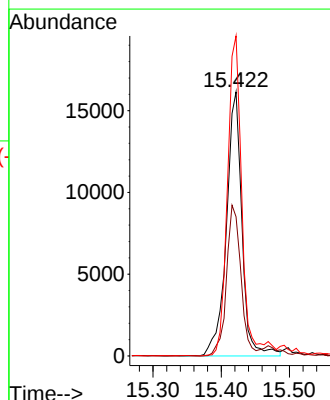
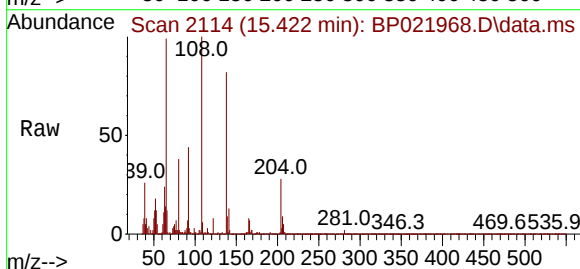
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2024

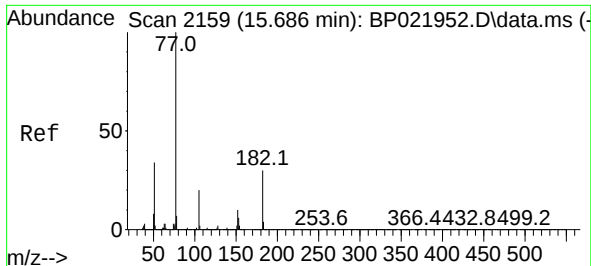
Tgt Ion:204 Resp: 72918
Ion Ratio Lower Upper
204 100
206 30.3 27.3 40.9
141 56.4 45.7 68.5



#62
4-Nitroaniline
Concen: 7.771 ng
RT: 15.422 min Scan# 2114
Delta R.T. -0.000 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

Tgt Ion:138 Resp: 25683
Ion Ratio Lower Upper
138 100
92 52.7 32.6 72.6
108 121.2 98.6 138.6

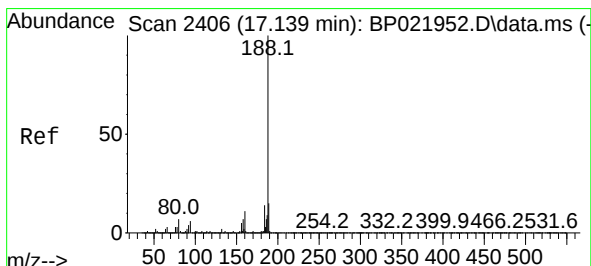
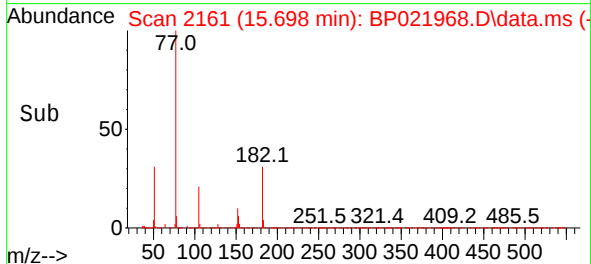
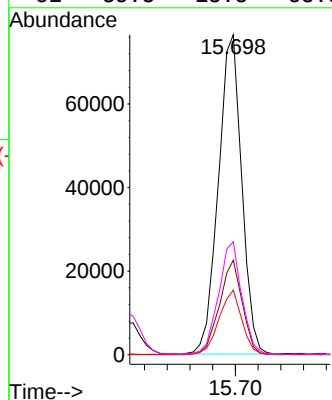
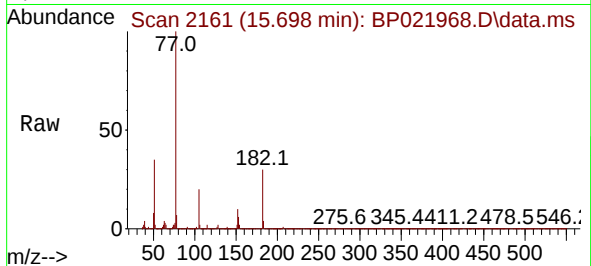




#63
Azobenzene
Concen: 8.579 ng
RT: 15.698 min Scan# 2159
Delta R.T. 0.012 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

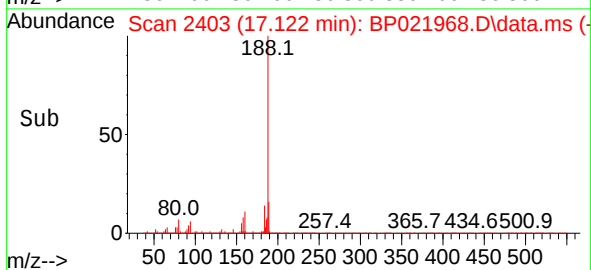
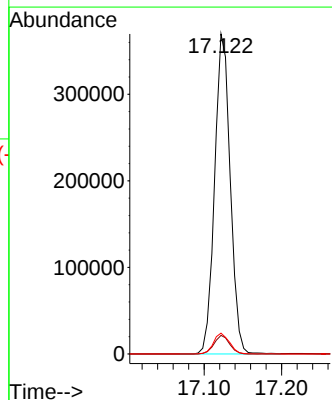
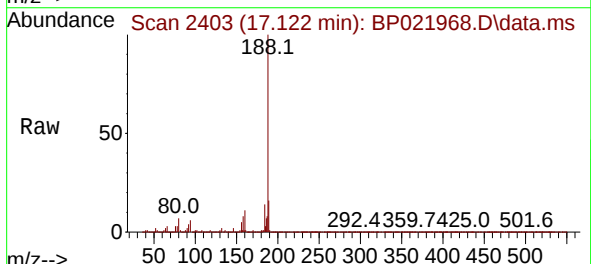
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2024

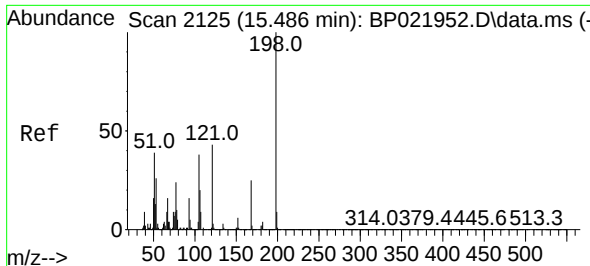
Tgt Ion: 77	Resp: 109181
Ion Ratio	Lower Upper
77 100	
182 29.5	9.6 49.6
105 20.2	0.0 39.8
51 35.3	13.8 53.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.122 min Scan# 2403
Delta R.T. -0.018 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

Tgt Ion: 188	Resp: 517879
Ion Ratio	Lower Upper
188 100	
94 5.8	4.6 6.8
80 6.5	5.4 8.2





#65

4,6-Dinitro-2-methylphenol

Concen: 7.310 ng

RT: 15.469 min Scan# 2125

Delta R.T. -0.018 min

Lab File: BP021968.D

Acq: 20 Sep 2024 15:28

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT2-2024

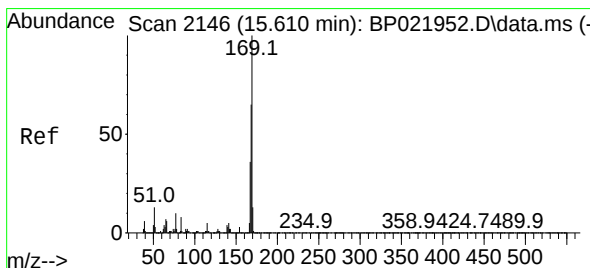
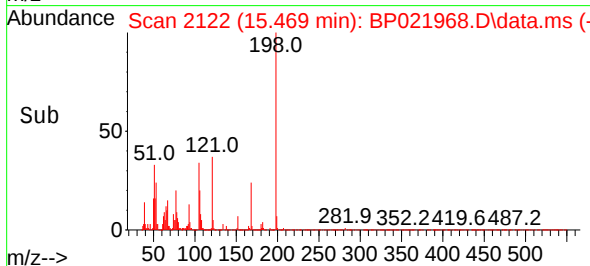
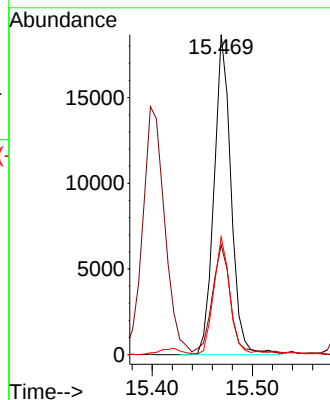
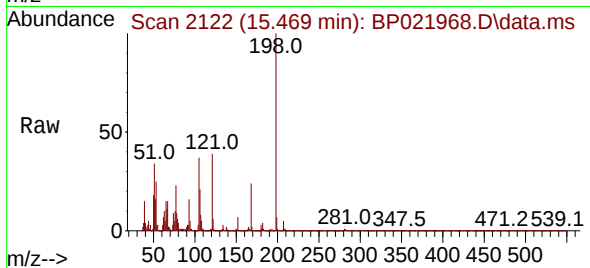
Tgt Ion:198 Resp: 21943

Ion Ratio Lower Upper

198 100

51 34.3 20.7 60.7

105 36.7 18.4 58.4



#66

n-Nitrosodiphenylamine

Concen: 8.443 ng

RT: 15.604 min Scan# 2145

Delta R.T. -0.006 min

Lab File: BP021968.D

Acq: 20 Sep 2024 15:28

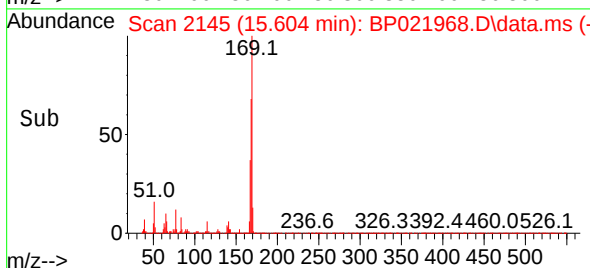
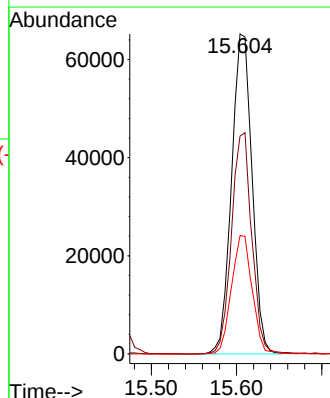
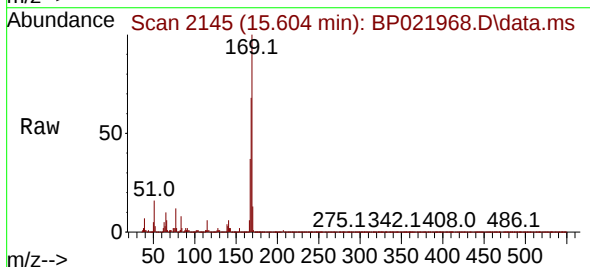
Tgt Ion:169 Resp: 108875

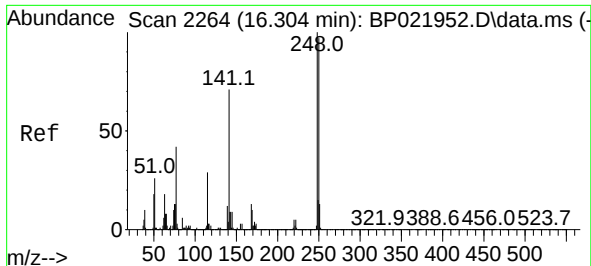
Ion Ratio Lower Upper

169 100

168 68.1 52.2 78.4

167 37.0 28.6 42.8





#67

4-Bromophenyl-phenylether

Concen: 8.345 ng

RT: 16.298 min Scan# 2263

Delta R.T. -0.006 min

Lab File: BP021968.D

Acq: 20 Sep 2024 15:28

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT2-2024

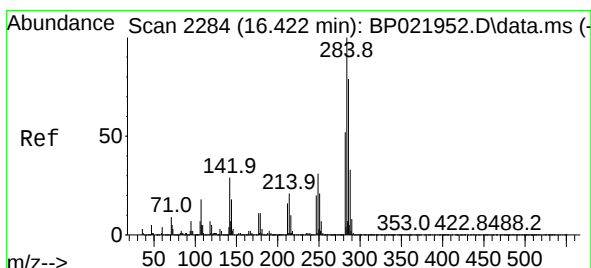
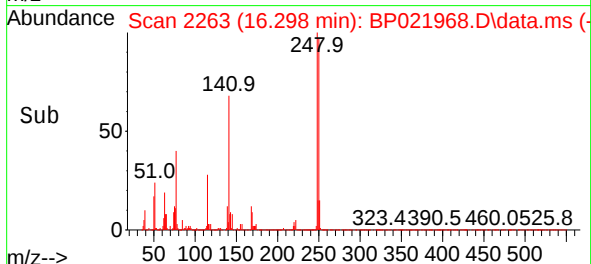
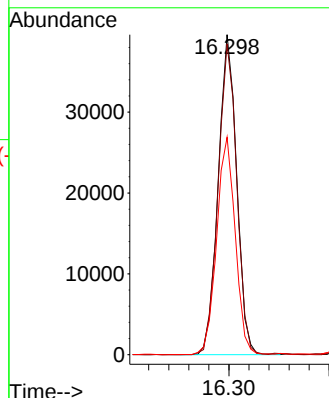
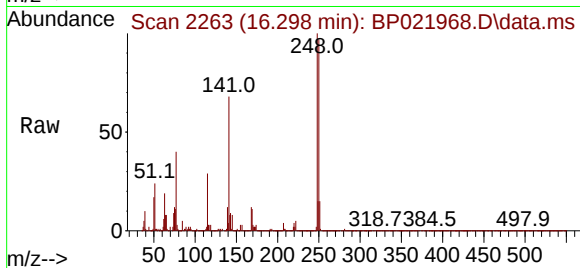
Tgt Ion:248 Resp: 50379

Ion Ratio Lower Upper

248 100

250 97.1 77.5 116.3

141 67.9 56.5 84.7



#68

Hexachlorobenzene

Concen: 8.242 ng

RT: 16.422 min Scan# 2284

Delta R.T. -0.000 min

Lab File: BP021968.D

Acq: 20 Sep 2024 15:28

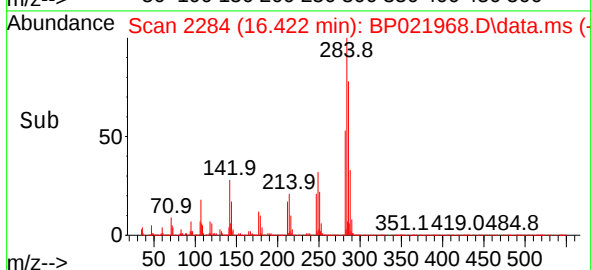
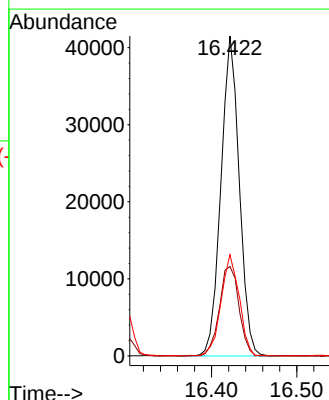
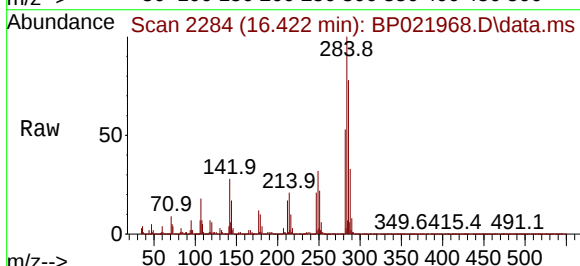
Tgt Ion:284 Resp: 62033

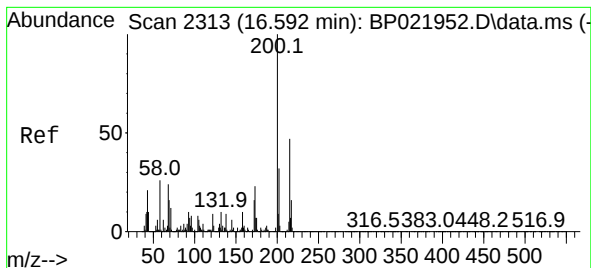
Ion Ratio Lower Upper

284 100

142 27.9 22.9 34.3

249 31.6 25.2 37.8





#69

Atrazine

Concen: 9.883 ng

RT: 16.580 min Scan# 24

Delta R.T. -0.012 min

Lab File: BP021968.D

Acq: 20 Sep 2024 15:28

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT2-2024

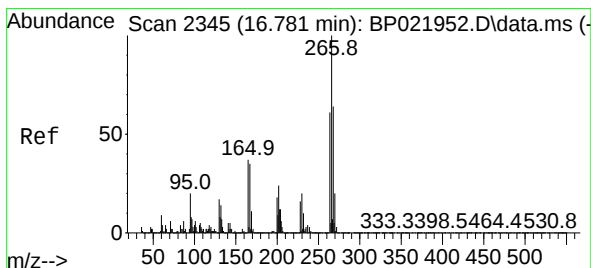
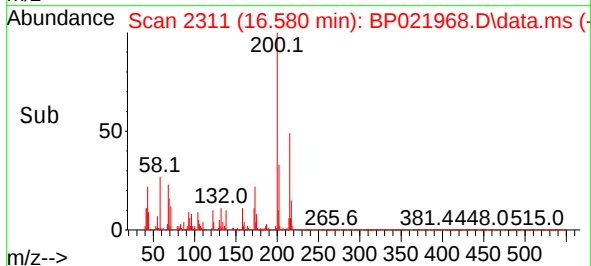
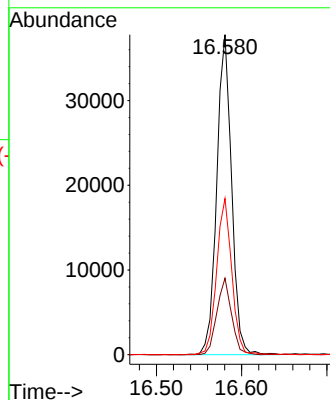
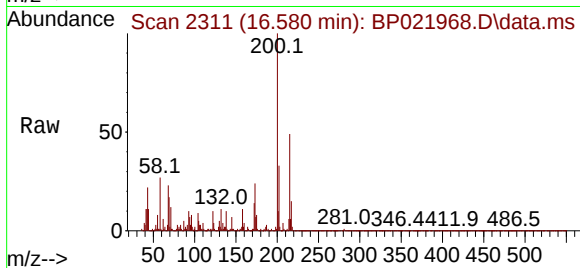
Tgt Ion:200 Resp: 45660

Ion Ratio Lower Upper

200 100

173 23.9 3.0 43.0

215 48.8 27.4 67.4



#70

Pentachlorophenol

Concen: 6.834 ng

RT: 16.769 min Scan# 2343

Delta R.T. -0.012 min

Lab File: BP021968.D

Acq: 20 Sep 2024 15:28

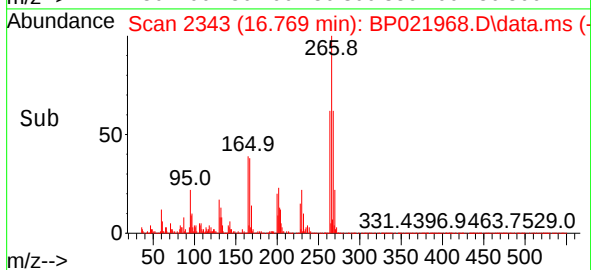
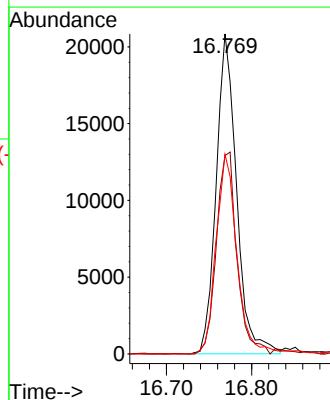
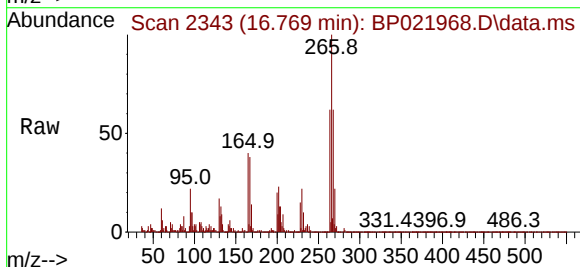
Tgt Ion:266 Resp: 34605

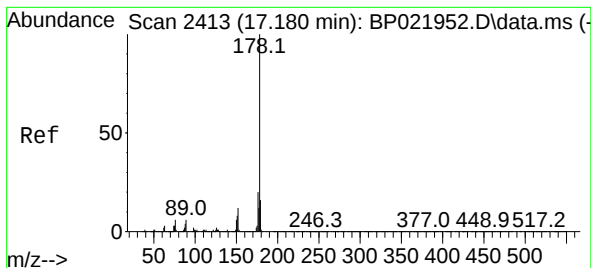
Ion Ratio Lower Upper

266 100

268 62.0 51.1 76.7

264 62.4 48.6 72.8





#71

Phenanthrene

Concen: 8.631 ng

RT: 17.163 min Scan# 2410

Delta R.T. -0.018 min

Lab File: BP021968.D

Acq: 20 Sep 2024 15:28

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT2-2024

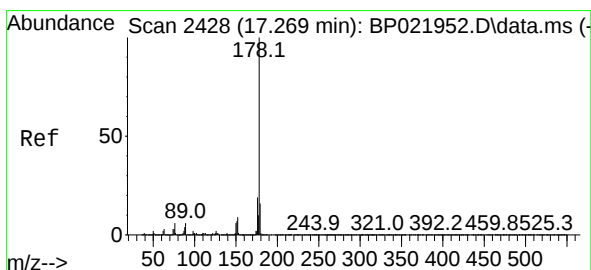
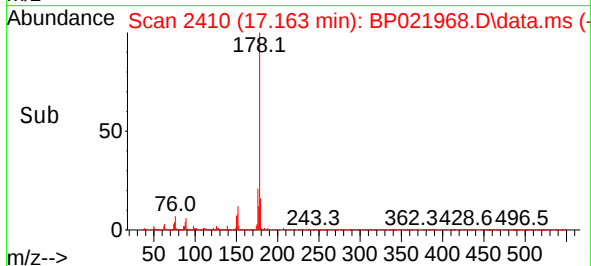
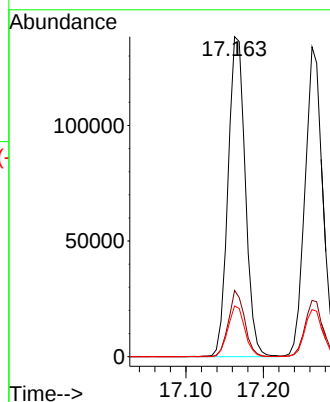
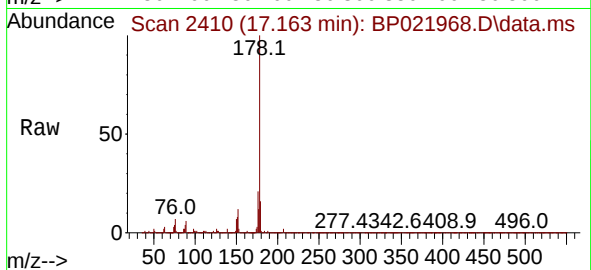
Tgt Ion:178 Resp: 214558

Ion Ratio Lower Upper

178 100

176 20.7 15.9 23.9

179 15.9 12.5 18.7



#72

Anthracene

Concen: 8.821 ng

RT: 17.263 min Scan# 2427

Delta R.T. -0.006 min

Lab File: BP021968.D

Acq: 20 Sep 2024 15:28

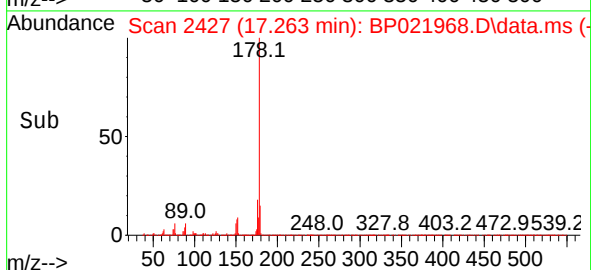
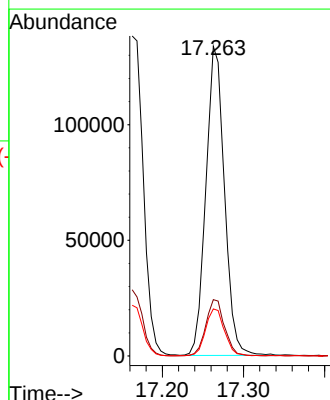
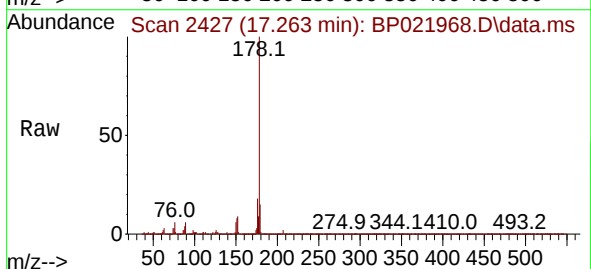
Tgt Ion:178 Resp: 212279

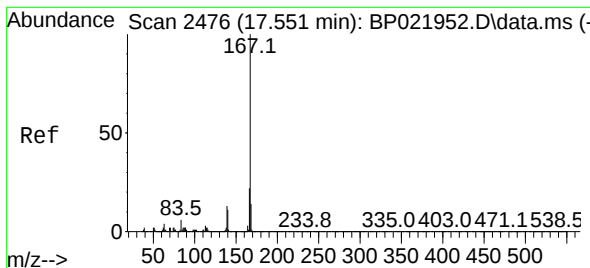
Ion Ratio Lower Upper

178 100

176 18.2 15.0 22.6

179 15.2 12.6 18.8





#73

Carbazole

Concen: 8.401 ng

RT: 17.551 min Scan# 2476

Delta R.T. -0.000 min

Lab File: BP021968.D

Acq: 20 Sep 2024 15:28

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT2-2024

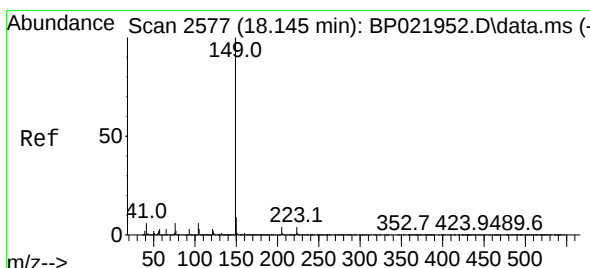
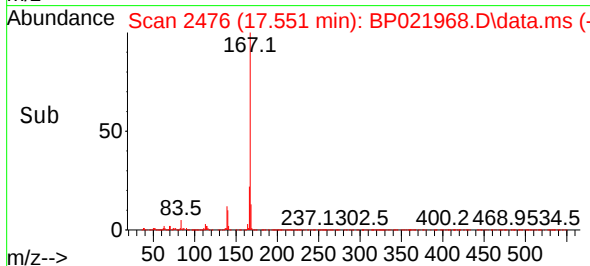
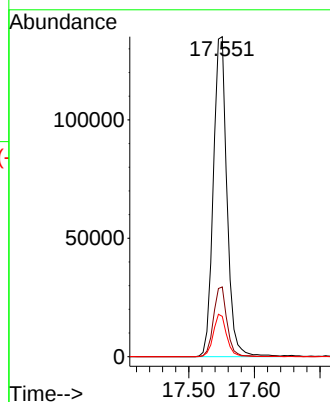
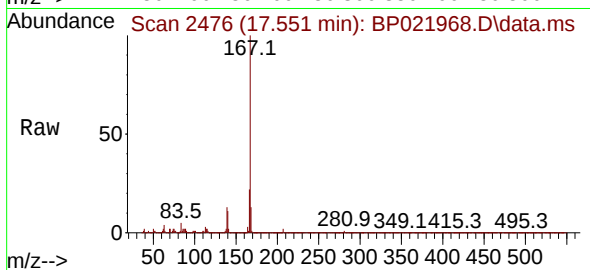
Tgt Ion:167 Resp: 195256

Ion Ratio Lower Upper

167 100

166 21.8 17.4 26.0

139 12.6 10.5 15.7



#74

Di-n-butylphthalate

Concen: 7.548 ng

RT: 18.139 min Scan# 2576

Delta R.T. -0.006 min

Lab File: BP021968.D

Acq: 20 Sep 2024 15:28

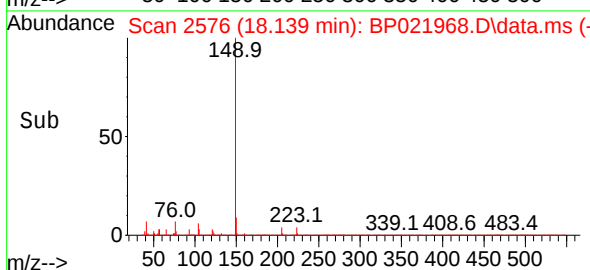
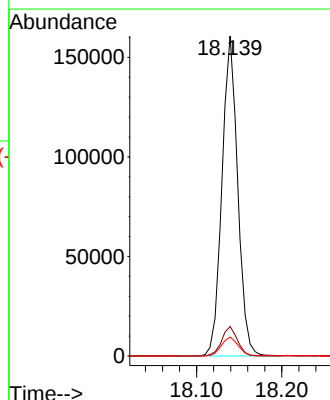
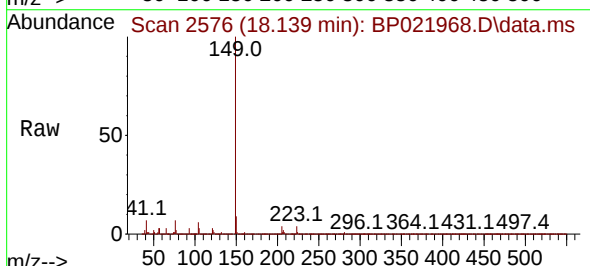
Tgt Ion:149 Resp: 206060

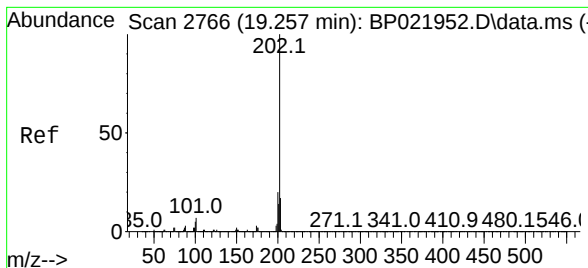
Ion Ratio Lower Upper

149 100

150 9.2 7.3 10.9

104 5.9 4.6 6.8





#75

Fluoranthene

Concen: 8.299 ng

RT: 19.257 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP021968.D

Acq: 20 Sep 2024 15:28

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT2-2024

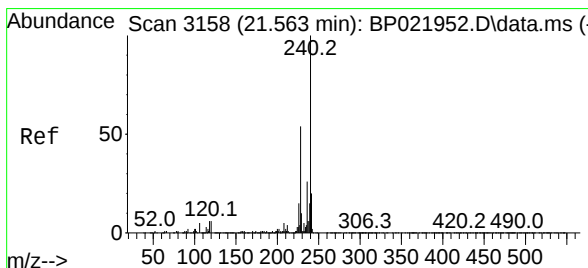
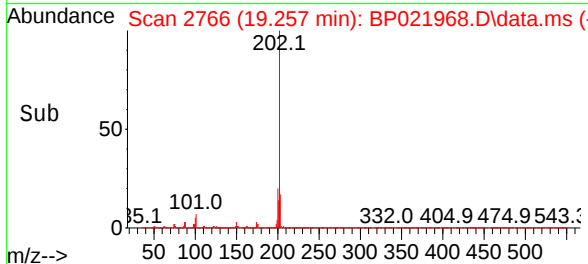
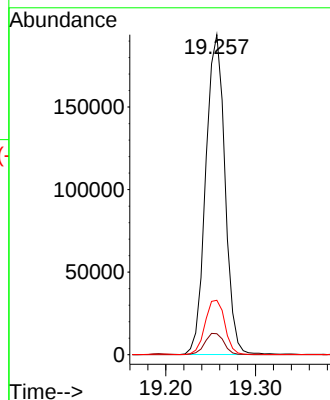
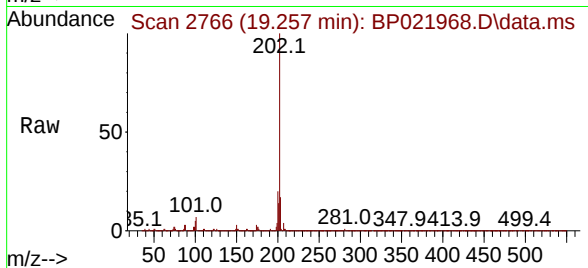
Tgt Ion:202 Resp: 287956

Ion Ratio Lower Upper

202 100

101 6.5 0.0 26.5

203 17.0 0.0 37.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.551 min Scan# 3156

Delta R.T. -0.012 min

Lab File: BP021968.D

Acq: 20 Sep 2024 15:28

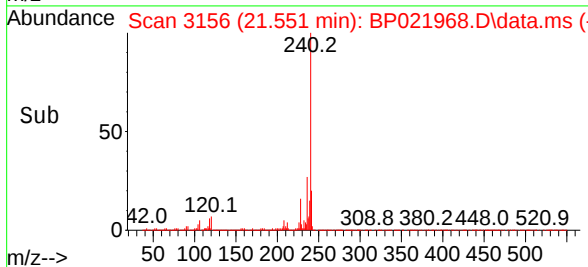
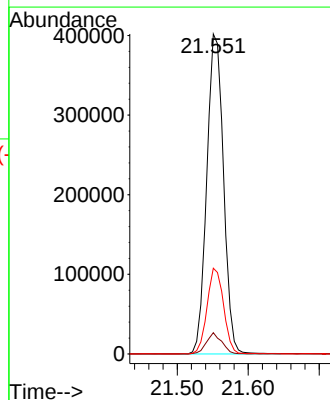
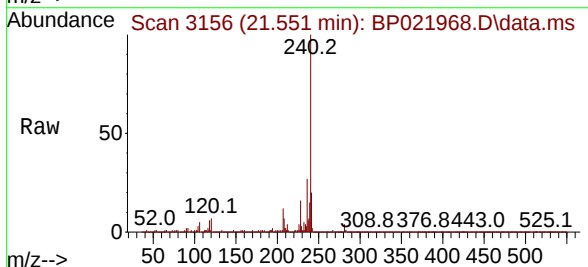
Tgt Ion:240 Resp: 658788

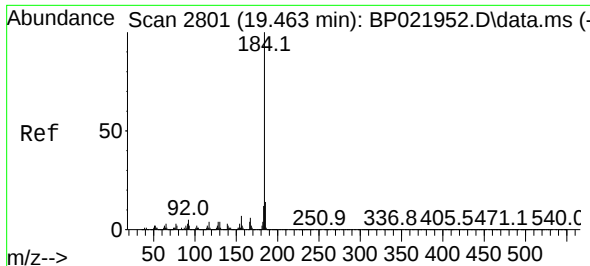
Ion Ratio Lower Upper

240 100

120 6.6 5.1 7.7

236 26.8 20.7 31.1

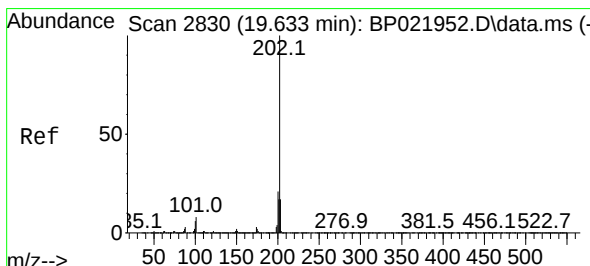
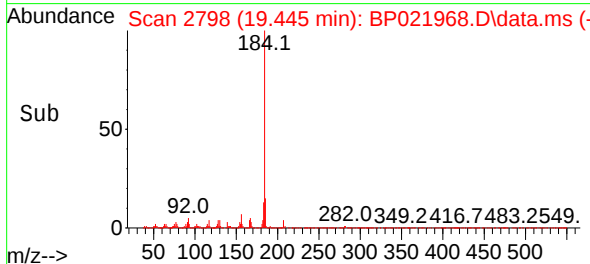
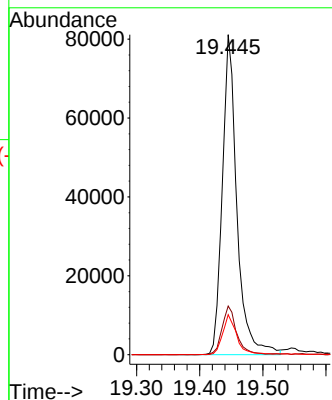
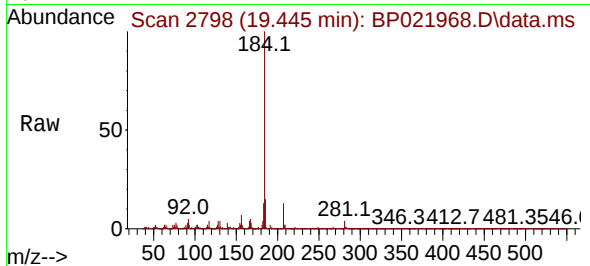




#77
Benzidine
Concen: 16.180 ng
RT: 19.445 min Scan# 2798
Delta R.T. -0.018 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

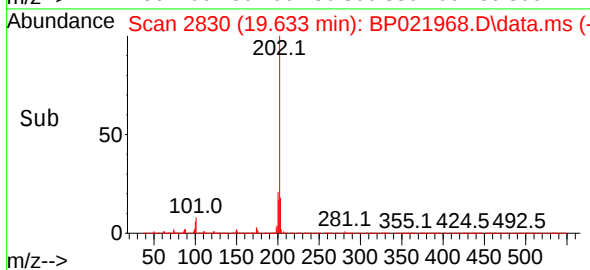
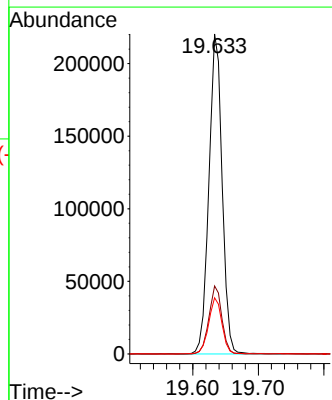
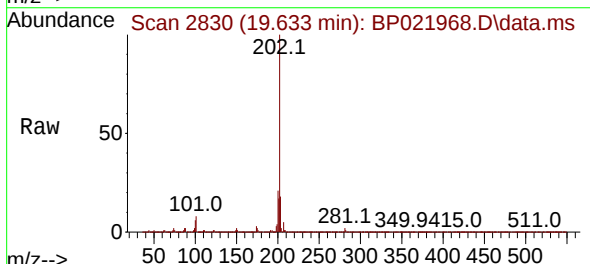
Instrument : BNA_P
ClientSampleId : LOQ-WATER-02-QT2-2024

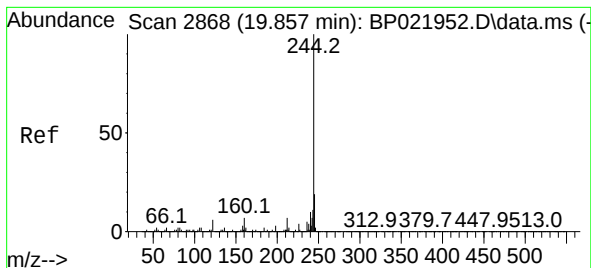
Tgt Ion:184 Resp: 130263
Ion Ratio Lower Upper
184 100
185 15.2 10.9 16.3
183 12.5 9.2 13.8



#78
Pyrene
Concen: 7.763 ng
RT: 19.633 min Scan# 2830
Delta R.T. -0.000 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

Tgt Ion:202 Resp: 309390
Ion Ratio Lower Upper
202 100
200 21.2 16.8 25.2
203 17.6 13.8 20.8





#79

Terphenyl-d14

Concen: 65.405 ng

RT: 19.851 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP021968.D

Acq: 20 Sep 2024 15:28

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT2-2024

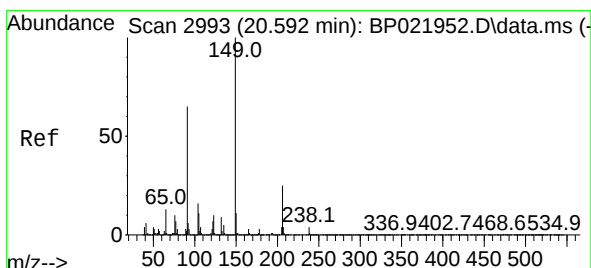
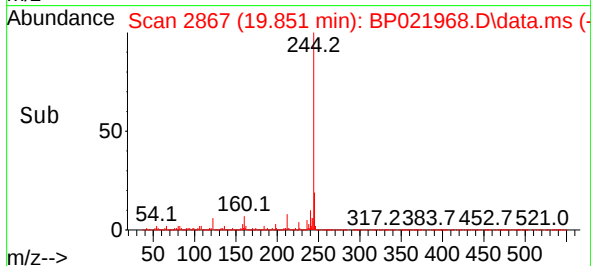
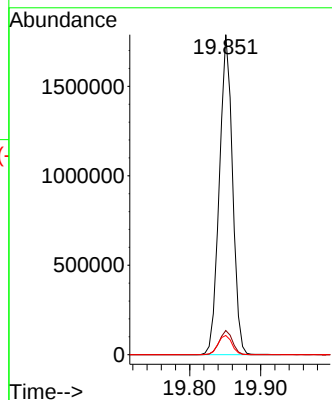
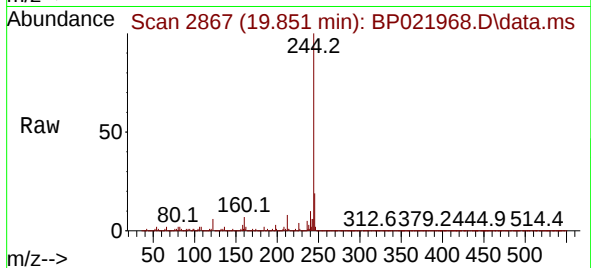
Tgt Ion:244 Resp: 2293755

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

122 6.0 5.0 7.4



#80

Butylbenzylphthalate

Concen: 7.100 ng

RT: 20.580 min Scan# 2991

Delta R.T. -0.012 min

Lab File: BP021968.D

Acq: 20 Sep 2024 15:28

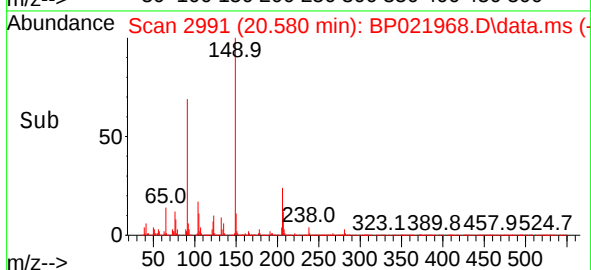
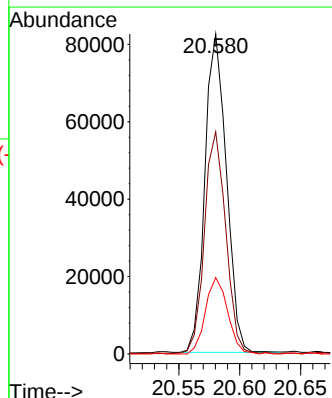
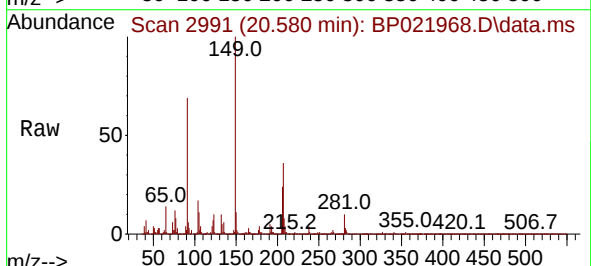
Tgt Ion:149 Resp: 100917

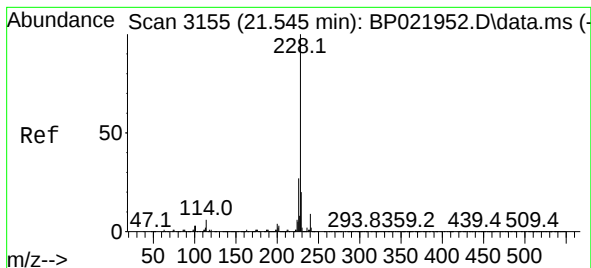
Ion Ratio Lower Upper

149 100

91 69.4 51.9 77.9

206 23.8 20.1 30.1





#81

Benzo(a)anthracene

Concen: 8.536 ng

RT: 21.533 min Scan# 3153

Delta R.T. -0.012 min

Lab File: BP021968.D

Acq: 20 Sep 2024 15:28

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT2-2024

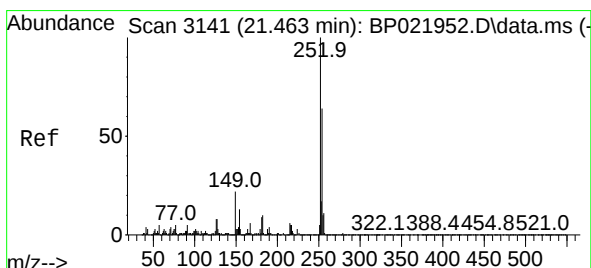
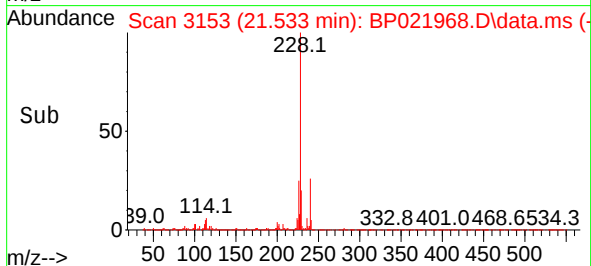
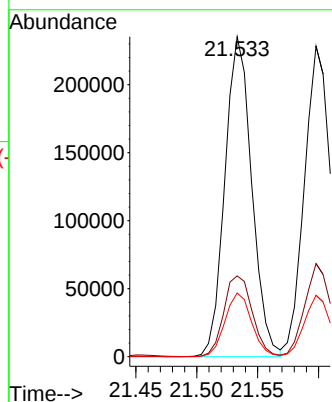
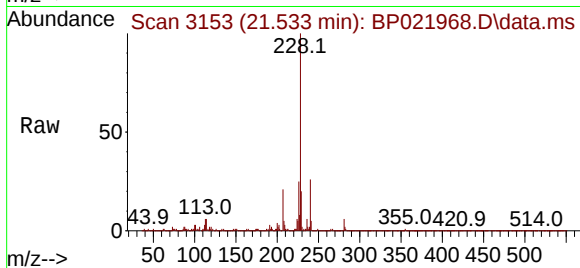
Tgt Ion:228 Resp: 361325

Ion Ratio Lower Upper

228 100

226 25.3 21.5 32.3

229 19.9 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 8.273 ng

RT: 21.457 min Scan# 3140

Delta R.T. -0.006 min

Lab File: BP021968.D

Acq: 20 Sep 2024 15:28

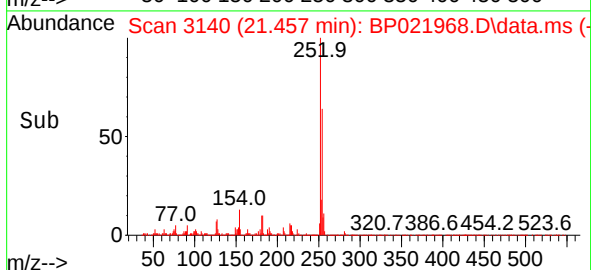
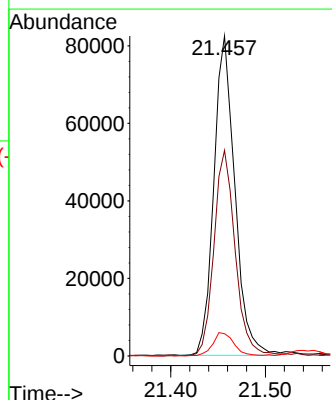
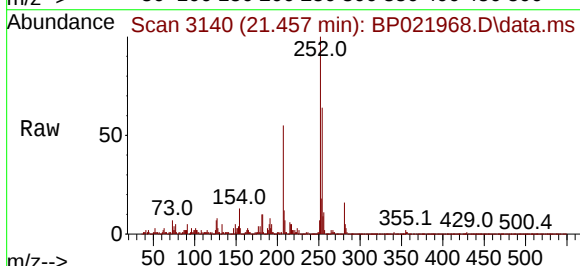
Tgt Ion:252 Resp: 127065

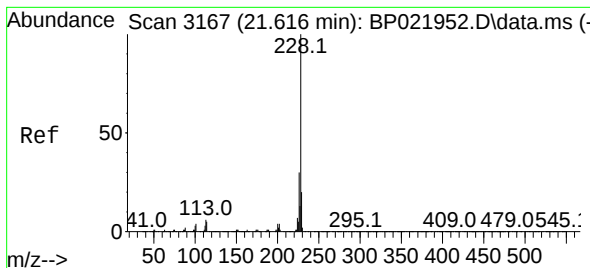
Ion Ratio Lower Upper

252 100

254 64.2 51.4 77.2

126 6.9 6.2 9.4





#83

Chrysene

Concen: 8.837 ng

RT: 21.598 min Scan# 3164

Delta R.T. -0.018 min

Lab File: BP021968.D

Acq: 20 Sep 2024 15:28

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT2-2024

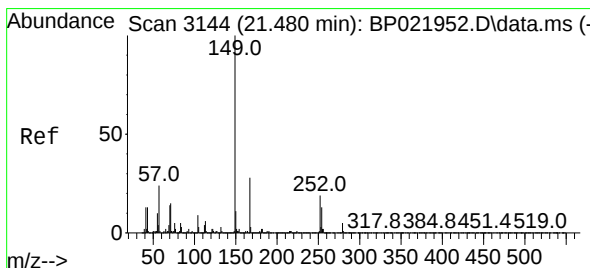
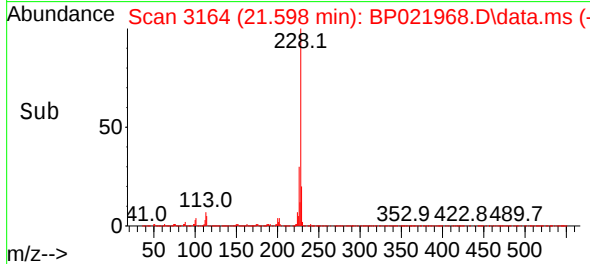
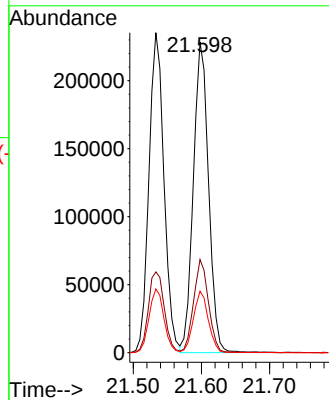
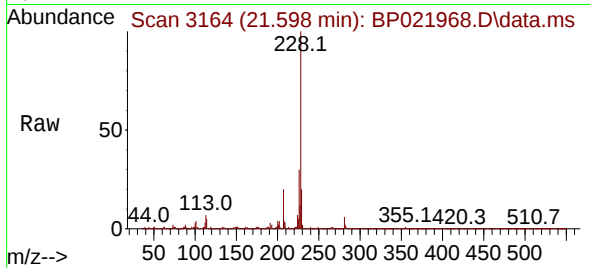
Tgt Ion:228 Resp: 352208

Ion Ratio Lower Upper

228 100

226 30.0 24.2 36.4

229 19.8 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 7.106 ng

RT: 21.480 min Scan# 3144

Delta R.T. -0.000 min

Lab File: BP021968.D

Acq: 20 Sep 2024 15:28

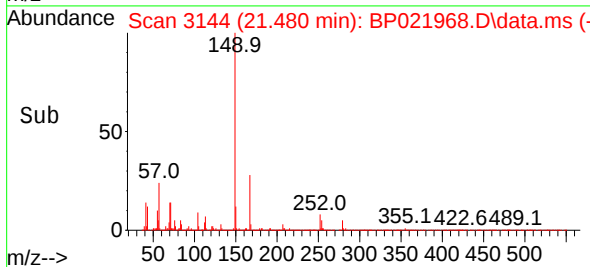
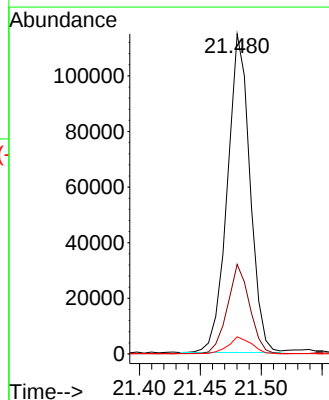
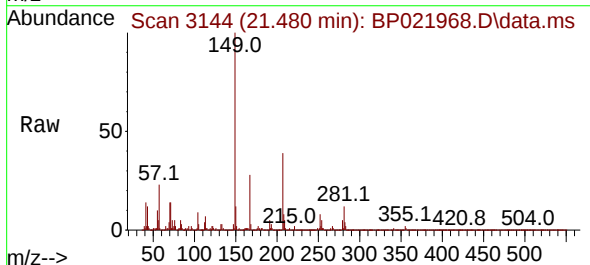
Tgt Ion:149 Resp: 148253

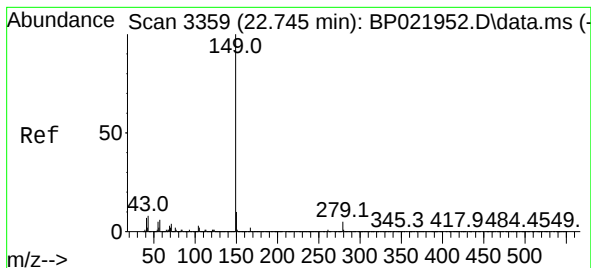
Ion Ratio Lower Upper

149 100

167 28.0 22.3 33.5

279 5.3 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 6.730 ng

RT: 22.739 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP021968.D

Acq: 20 Sep 2024 15:28

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT2-2024

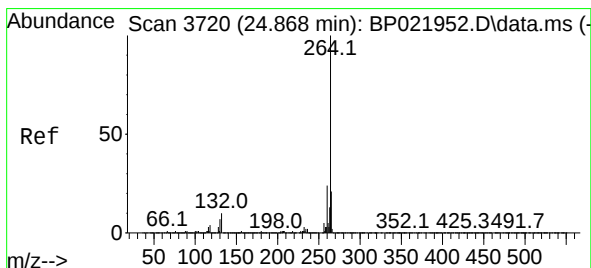
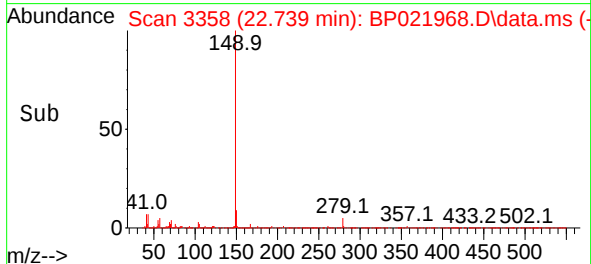
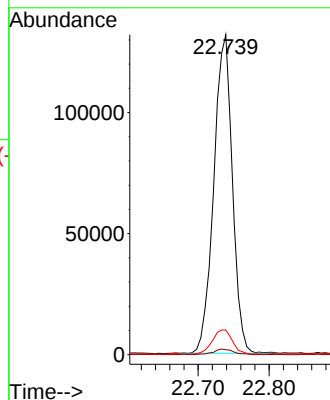
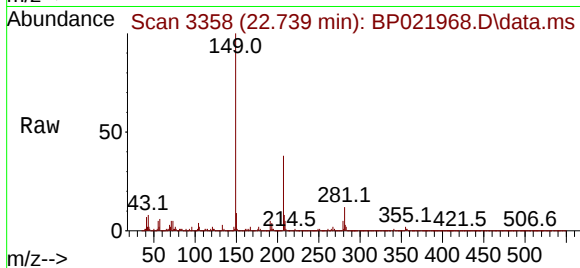
Tgt Ion:149 Resp: 238449

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.0

43 8.3 6.2 9.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.851 min Scan# 3717

Delta R.T. -0.018 min

Lab File: BP021968.D

Acq: 20 Sep 2024 15:28

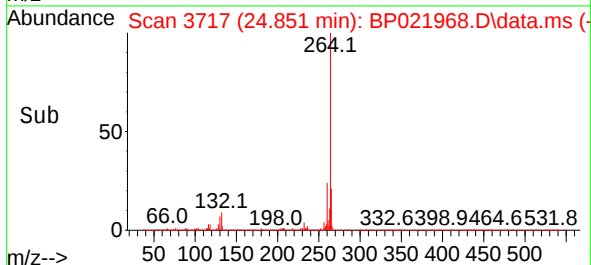
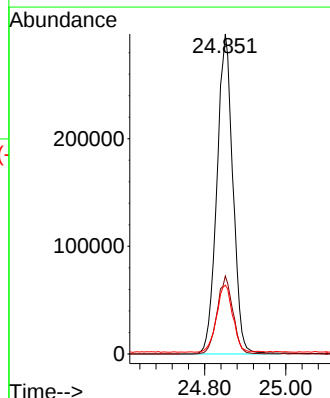
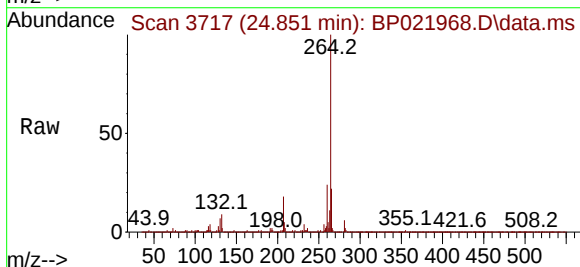
Tgt Ion:264 Resp: 812266

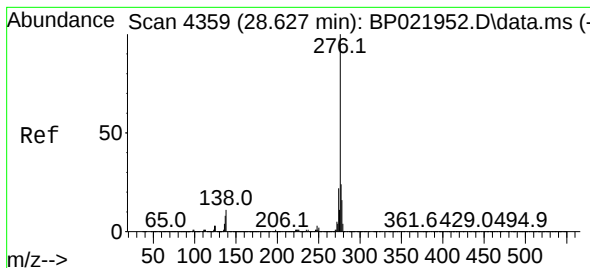
Ion Ratio Lower Upper

264 100

260 24.4 18.9 28.3

265 21.5 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 8.703 ng

RT: 28.562 min Scan# 41

Delta R.T. -0.065 min

Lab File: BP021968.D

Acq: 20 Sep 2024 15:28

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT2-2024

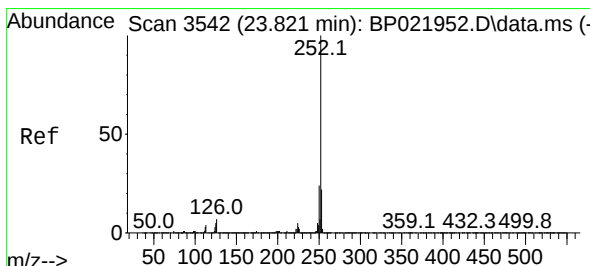
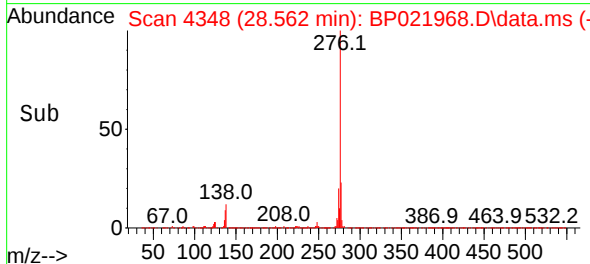
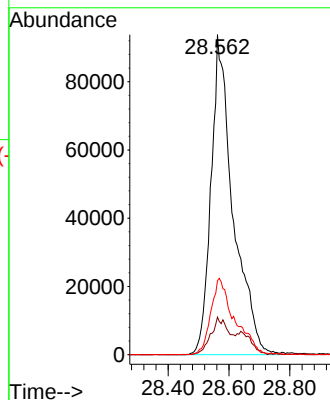
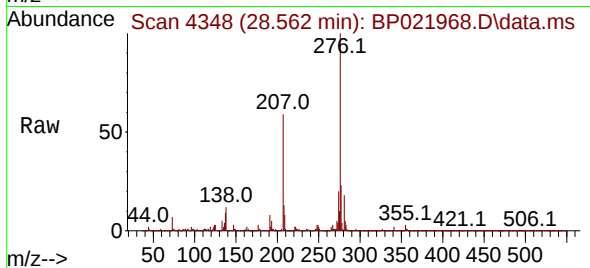
Tgt Ion:276 Resp: 470162

Ion Ratio Lower Upper

276 100

138 9.8 7.8 11.8

277 25.7 20.5 30.7



#88

Benzo(b)fluoranthene

Concen: 7.947 ng

RT: 23.798 min Scan# 3538

Delta R.T. -0.024 min

Lab File: BP021968.D

Acq: 20 Sep 2024 15:28

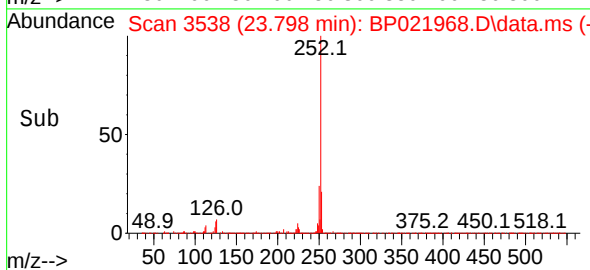
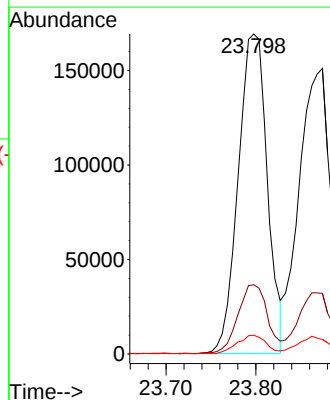
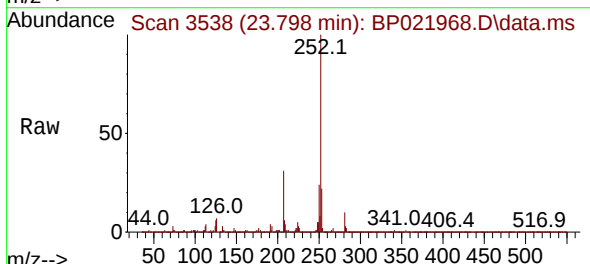
Tgt Ion:252 Resp: 381745

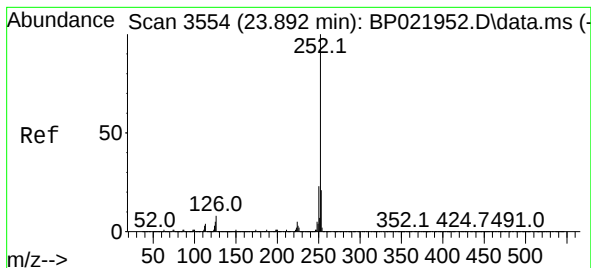
Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.0

125 5.9 4.2 6.2





#89

Benzo(k)fluoranthene

Concen: 8.493 ng

RT: 23.874 min Scan# 3551

Delta R.T. -0.018 min

Lab File: BP021968.D

Acq: 20 Sep 2024 15:28

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT2-2024

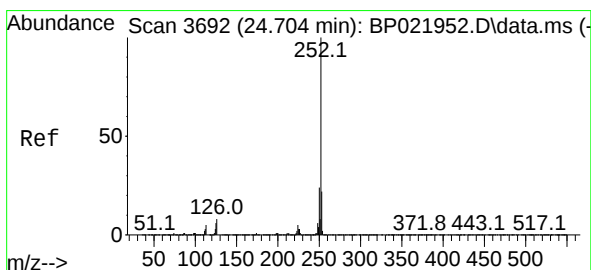
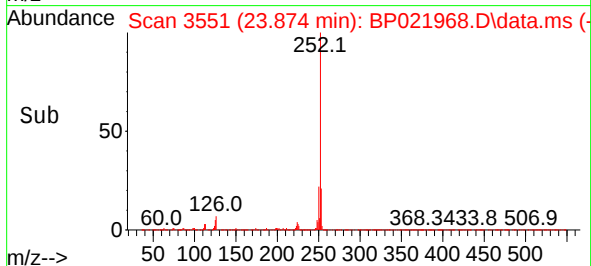
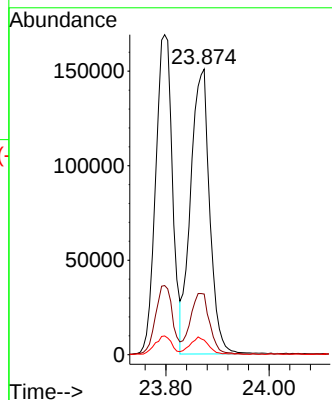
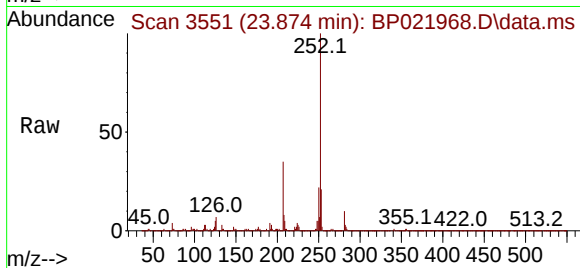
Tgt Ion:252 Resp: 386111

Ion Ratio Lower Upper

252 100

253 21.2 17.0 25.6

125 5.1 4.3 6.5



#90

Benzo(a)pyrene

Concen: 8.435 ng

RT: 24.686 min Scan# 3689

Delta R.T. -0.018 min

Lab File: BP021968.D

Acq: 20 Sep 2024 15:28

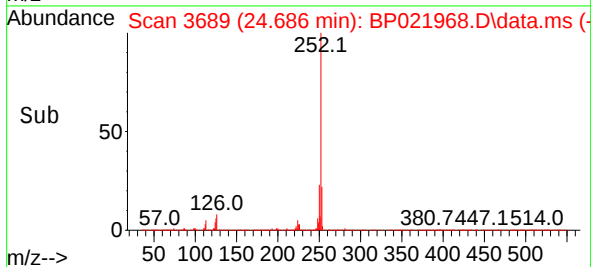
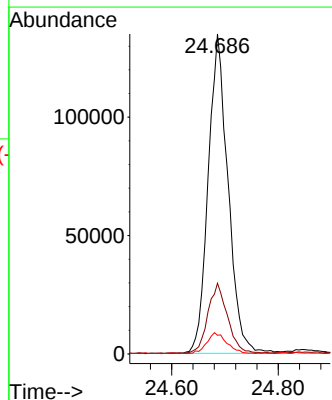
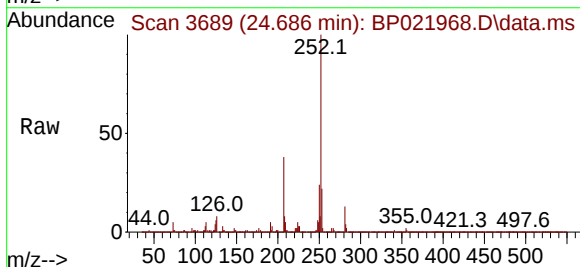
Tgt Ion:252 Resp: 349061

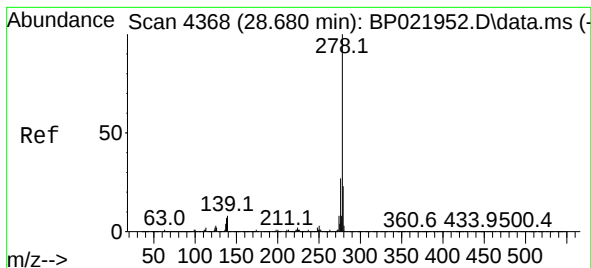
Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 5.8 5.0 7.6





#91

Dibenzo(a,h)anthracene

Concen: 8.647 ng

RT: 28.639 min Scan# 441

Delta R.T. -0.041 min

Lab File: BP021968.D

Acq: 20 Sep 2024 15:28

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT2-2024

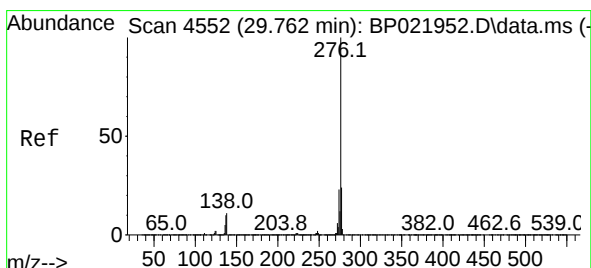
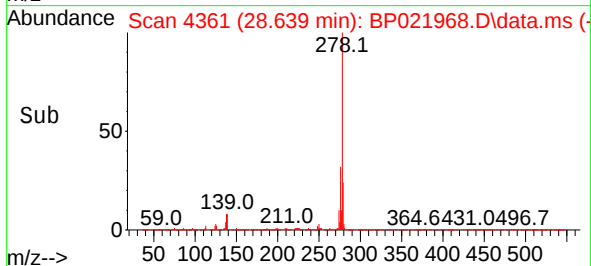
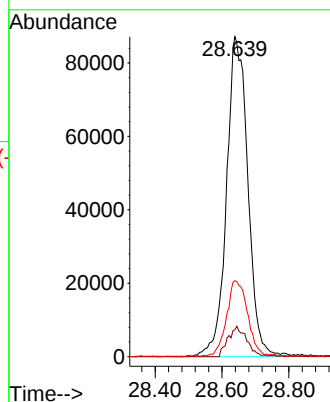
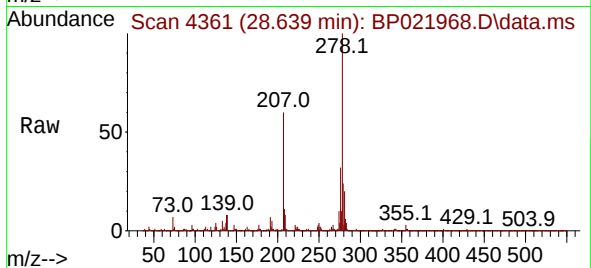
Tgt Ion:278 Resp: 385526

Ion Ratio Lower Upper

278 100

139 8.4 6.6 10.0

279 23.7 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 8.000 ng

RT: 29.721 min Scan# 4545

Delta R.T. -0.041 min

Lab File: BP021968.D

Acq: 20 Sep 2024 15:28

Tgt Ion:276 Resp: 365401

Ion Ratio Lower Upper

276 100

277 24.0 19.3 28.9

138 11.2 9.2 13.8

