

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092324\
 Data File : BP021980.D
 Acq On : 23 Sep 2024 13:11
 Operator : RC/JU
 Sample : P2403-09
 Misc : MDL-MDL-WATER-4 PPM
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-03-QT2-2024

Quant Time: Sep 23 14:04:50 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	7.711	152	131223	20.000	ng	0.00
21) Naphthalene-d8	10.475	136	520424	20.000	ng	0.00
39) Acenaphthene-d10	14.322	164	393173	20.000	ng	0.00
64) Phenanthrene-d10	17.122	188	945454	20.000	ng	-0.02
76) Chrysene-d12	21.557	240	1165068	20.000	ng	0.00
86) Perylene-d12	24.845	264	1352715	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	728528	104.334	ng	0.00
7) Phenol-d6	6.893	99	960929	106.007	ng	0.00
23) Nitrobenzene-d5	8.852	82	734196	74.648	ng	0.00
42) 2,4,6-Tribromophenol	15.845	330	782075	107.296	ng	-0.01
45) 2-Fluorobiphenyl	12.934	172	1929639	71.643	ng	0.00
79) Terphenyl-d14	19.845	244	3901338	62.903	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.258	88	9878	3.407	ng	94
3) Pyridine	3.664	79	23510	3.040	ng	97
4) n-Nitrosodimethylamine	3.564	42	14344	3.516	ng	# 95
6) Aniline	7.046	93	33651	4.225	ng	98
8) 2-Chlorophenol	7.287	128	27861	3.731	ng	96
9) Benzaldehyde	6.869	77	27040	5.705	ng	97
10) Phenol	6.922	94	32204	3.577	ng	93
11) bis(2-Chloroethyl)ether	7.146	93	24399	3.598	ng	96
12) 1,3-Dichlorobenzene	7.605	146	33111	3.513	ng	98
13) 1,4-Dichlorobenzene	7.746	146	33605	3.515	ng	95
14) 1,2-Dichlorobenzene	8.058	146	31940	3.481	ng	95
15) Benzyl Alcohol	7.952	79	23917	3.440	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.222	45	29702	4.106	ng	95
17) 2-Methylphenol	8.146	107	20675	3.399	ng	91
18) Hexachloroethane	8.775	117	11880	3.380	ng	98
19) n-Nitroso-di-n-propyla...	8.505	70	20627	3.661	ng	97
20) 3+4-Methylphenols	8.469	107	27629	3.218	ng	95
22) Acetophenone	8.522	105	43977	3.464	ng	96
24) Nitrobenzene	8.887	77	35844	3.589	ng	99
25) Isophorone	9.416	82	54272	3.347	ng	99
26) 2-Nitrophenol	9.593	139	12119	2.775	ng	94
27) 2,4-Dimethylphenol	9.658	122	12593	2.490	ng	99
28) bis(2-Chloroethoxy)met...	9.887	93	33885	3.485	ng	99
29) 2,4-Dichlorophenol	10.128	162	25212	2.937	ng	92
30) 1,2,4-Trichlorobenzene	10.340	180	35541	3.324	ng	98
31) Naphthalene	10.516	128	89866	3.461	ng	99
33) 4-Chloroaniline	10.634	127	33125	3.536	ng	98
34) Hexachlorobutadiene	10.810	225	26889	3.215	ng	94
35) Caprolactam	11.404	113	7492	2.933	ng	97
36) 4-Chloro-3-methylphenol	11.757	107	27989	3.039	ng	96
37) 2-Methylnaphthalene	12.134	142	66649	3.508	ng	97
38) 1-Methylnaphthalene	12.357	142	59305	3.162	ng	97
40) 1,2,4,5-Tetrachloroben...	12.499	216	45387	3.300	ng	98
41) Hexachlorocyclopentadiene	12.487	237	12752	2.495	ng	92
43) 2,4,6-Trichlorophenol	12.746	196	24964	2.957	ng	93
44) 2,4,5-Trichlorophenol	12.816	196	26009	2.746	ng	98

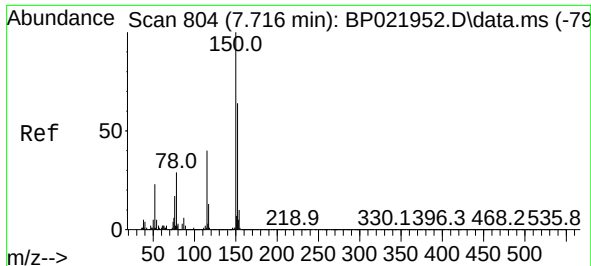
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092324\
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.151	154	94422	3.522	ng	97
47) 2-Chloronaphthalene	13.193	162	73294	3.381	ng	99
48) 2-Nitroaniline	13.398	65	16064	2.714	ng	96
49) Acenaphthylene	14.040	152	104619	3.420	ng	97
50) Dimethylphthalate	13.787	163	94368	3.309	ng	99
51) 2,6-Dinitrotoluene	13.893	165	18340	2.886	ng	97
52) Acenaphthene	14.387	154	64390	3.235	ng	99
53) 3-Nitroaniline	14.228	138	15531	2.743	ng #	83
54) 2,4-Dinitrophenol	14.445	184	7672	2.061	ng #	88
55) Dibenzofuran	14.728	168	116800	3.491	ng	97
56) 4-Nitrophenol	14.551	139	10446	2.119	ng	90
57) 2,4-Dinitrotoluene	14.693	165	23500	2.616	ng	98
58) Fluorene	15.387	166	89802	3.214	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.963	232	28335	3.100	ng	99
60) Diethylphthalate	15.163	149	94014	3.244	ng	99
61) 4-Chlorophenyl-phenyle...	15.375	204	52611	3.234	ng	96
62) 4-Nitroaniline	15.398	138	16286	2.615	ng	95
63) Azobenzene	15.675	77	76937	3.208	ng	97
65) 4,6-Dinitro-2-methylph...	15.475	198	13161	2.402	ng	93
66) n-Nitrosodiphenylamine	15.598	169	79057	3.358	ng	99
67) 4-Bromophenyl-phenylether	16.298	248	34924	3.169	ng	96
68) Hexachlorobenzene	16.410	284	44812	3.261	ng	99
69) Atrazine	16.575	200	32470	3.850	ng	99
70) Pentachlorophenol	16.763	266	24351	2.634	ng	97
71) Phenanthrene	17.163	178	156987	3.459	ng	98
72) Anthracene	17.257	178	143752	3.272	ng	98
73) Carbazole	17.534	167	135036	3.182	ng	98
74) Di-n-butylphthalate	18.128	149	148585	2.981	ng	99
75) Fluoranthene	19.251	202	204216	3.224	ng	100
77) Benzidine	19.445	184	65171	4.577	ng	97
78) Pyrene	19.622	202	217092	3.080	ng	99
80) Butylbenzylphthalate	20.580	149	71765	2.855	ng	99
81) Benzo(a)anthracene	21.533	228	252617	3.374	ng	99
82) 3,3'-Dichlorobenzidine	21.451	252	81187	2.989	ng	96
83) Chrysene	21.598	228	241633	3.428	ng	98
84) Bis(2-ethylhexyl)phtha...	21.469	149	109439	2.966	ng	98
85) Di-n-octyl phthalate	22.727	149	169168	2.700	ng	98
87) Indeno(1,2,3-cd)pyrene	28.562	276	300513	3.340	ng	98
88) Benzo(b)fluoranthene	23.869	252	246777	3.085	ng	99
89) Benzo(k)fluoranthene	23.869	252	246777	3.260	ng	98
90) Benzo(a)pyrene	24.680	252	226007	3.279	ng	98
91) Dibenzo(a,h)anthracene	28.633	278	248918	3.352	ng	99
92) Benzo(g,h,i)perylene	29.715	276	233090	3.065	ng	98

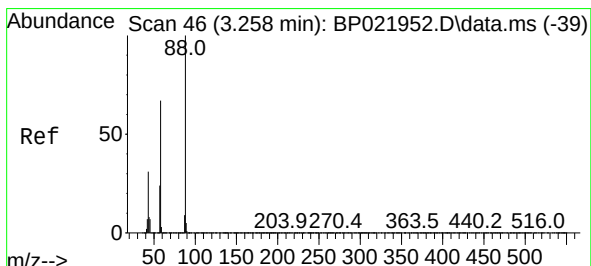
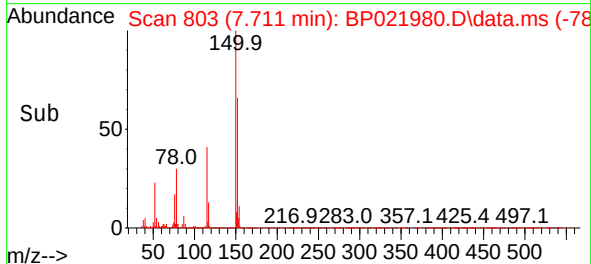
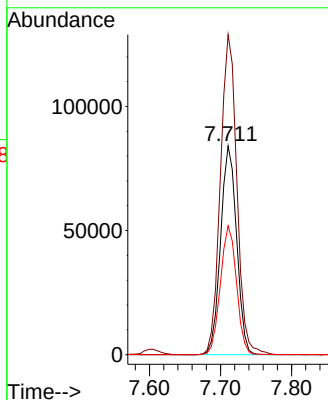
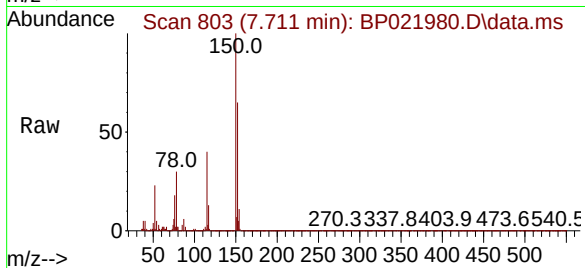
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.711 min Scan# 804
Delta R.T. -0.005 min
Lab File: BP021980.D
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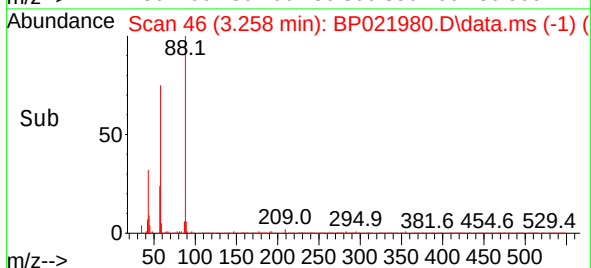
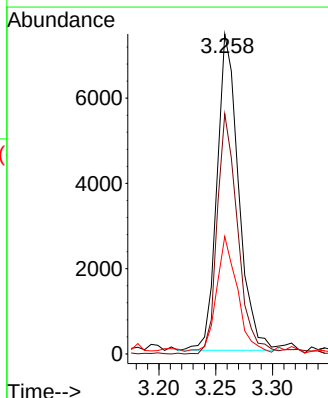
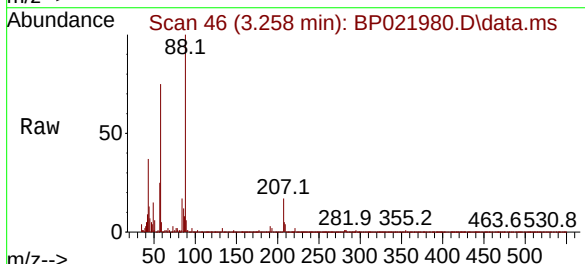
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2024

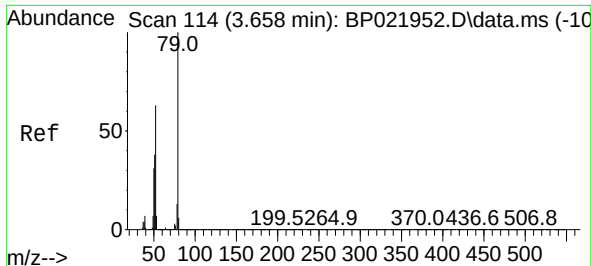
Tgt Ion:152 Resp: 131223
Ion Ratio Lower Upper
152 100
150 153.2 124.2 186.2
115 61.7 49.2 73.8



#2
1,4-Dioxane
Concen: 3.407 ng
RT: 3.258 min Scan# 46
Delta R.T. 0.000 min
Lab File: BP021980.D
Acq: 23 Sep 2024 13:11

Tgt Ion: 88 Resp: 9878
Ion Ratio Lower Upper
88 100
58 71.8 53.8 80.6
43 35.6 25.2 37.8





#3

Pyridine

Concen: 3.040 ng

RT: 3.664 min Scan# 114

Delta R.T. 0.006 min

Lab File: BP021980.D

Acq: 23 Sep 2024 13:11

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2024

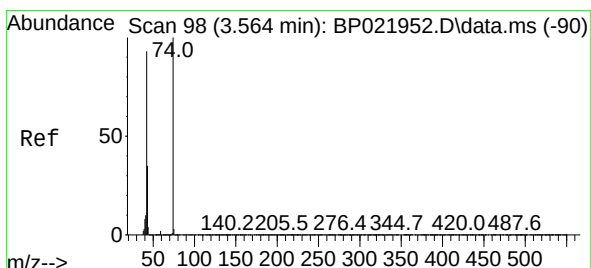
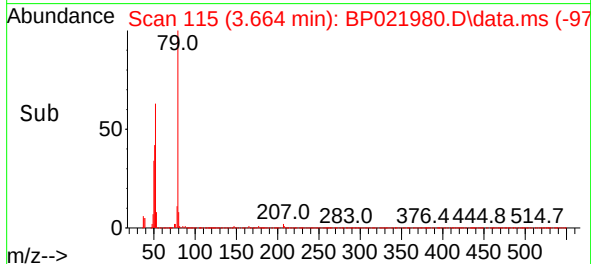
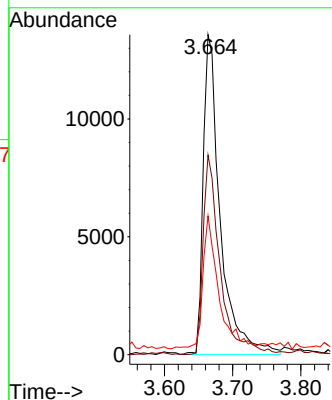
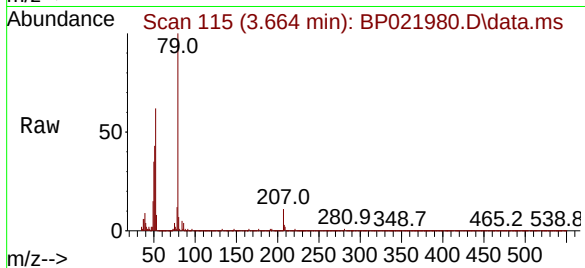
Tgt Ion: 79 Resp: 23510

Ion Ratio Lower Upper

79 100

52 62.4 50.3 75.5

51 43.4 30.9 46.3



#4

n-Nitrosodimethylamine

Concen: 3.516 ng

RT: 3.564 min Scan# 98

Delta R.T. 0.000 min

Lab File: BP021980.D

Acq: 23 Sep 2024 13:11

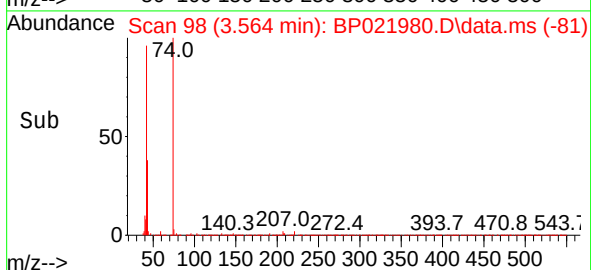
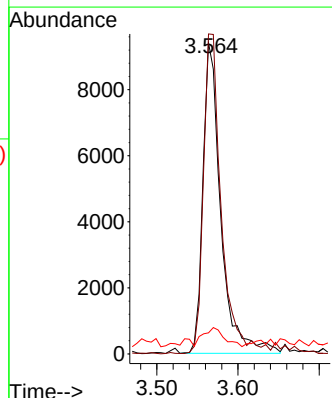
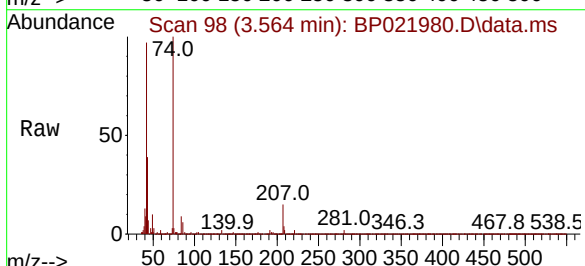
Tgt Ion: 42 Resp: 14344

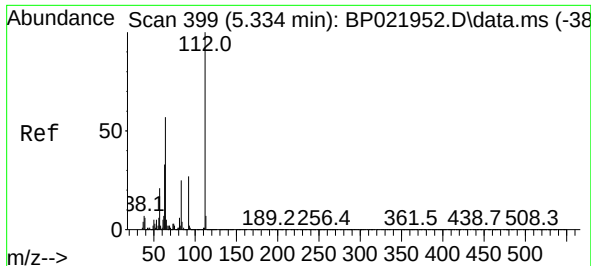
Ion Ratio Lower Upper

42 100

74 102.9 86.3 129.5

44 6.8 4.0 6.0#

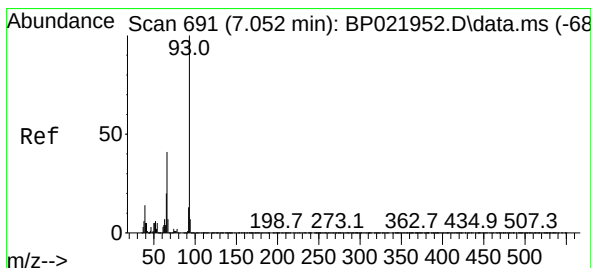
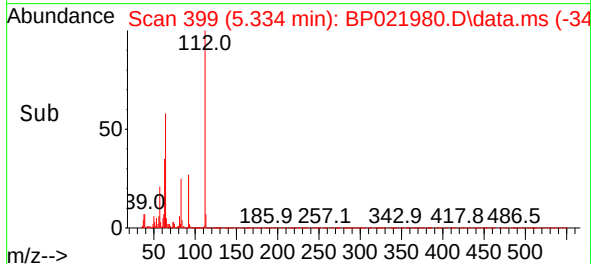
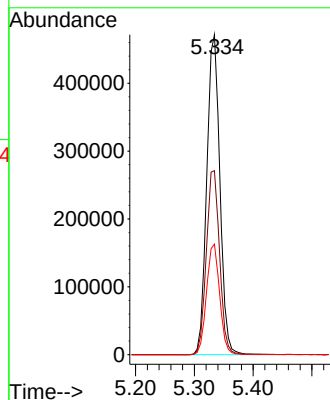
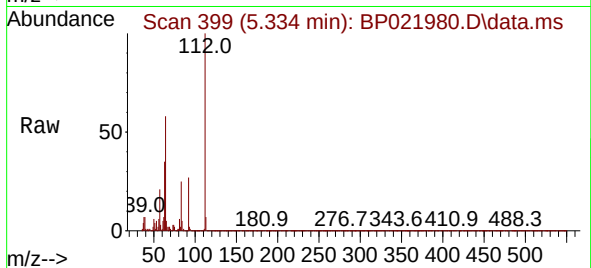




#5
2-Fluorophenol
Concen: 104.334 ng
RT: 5.334 min Scan# 399
Delta R.T. 0.000 min
Lab File: BP021980.D
Acq: 23 Sep 2024 13:11

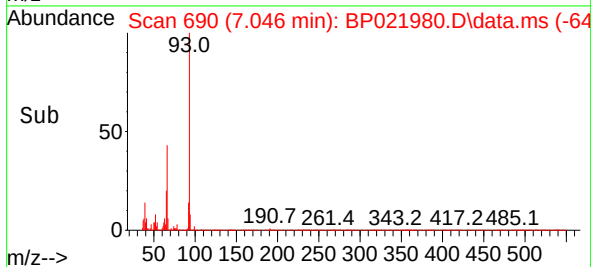
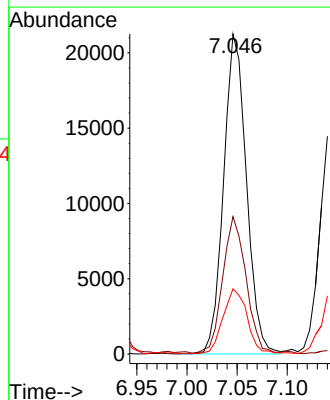
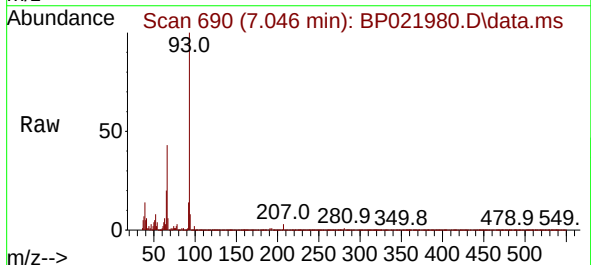
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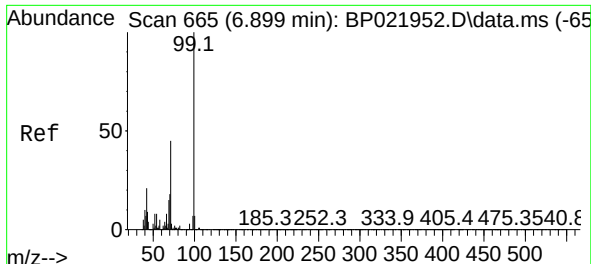
Tgt Ion:112 Resp: 728528
Ion Ratio Lower Upper
112 100
64 57.5 45.4 68.0
63 34.5 26.6 39.8



#6
Aniline
Concen: 4.225 ng
RT: 7.046 min Scan# 690
Delta R.T. -0.006 min
Lab File: BP021980.D
Acq: 23 Sep 2024 13:11

Tgt Ion: 93 Resp: 33651
Ion Ratio Lower Upper
93 100
66 42.9 33.0 49.4
65 20.4 16.1 24.1

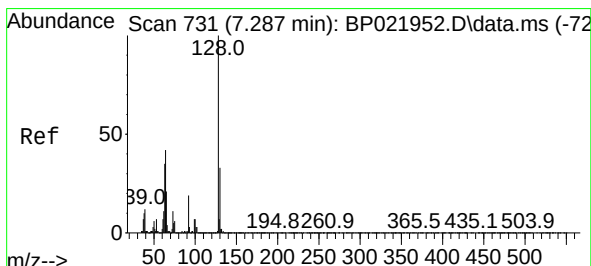
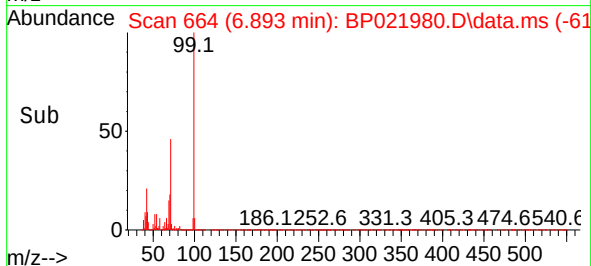
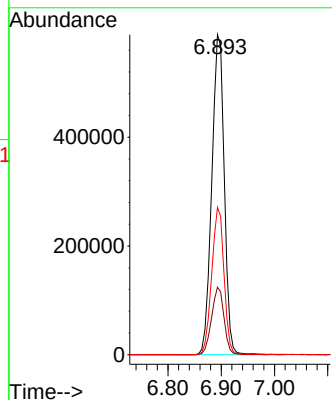
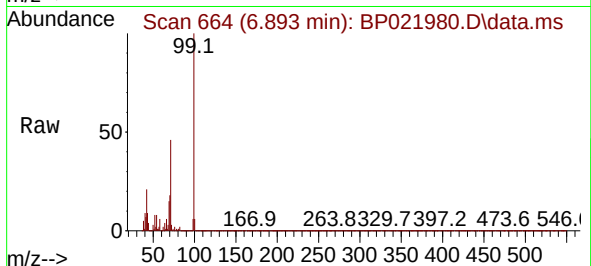




#7
Phenol-d6
Concen: 106.007 ng
RT: 6.893 min Scan# 665
Delta R.T. -0.006 min
Lab File: BP021980.D
Acq: 23 Sep 2024 13:11

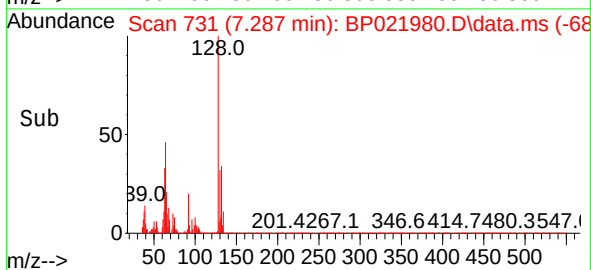
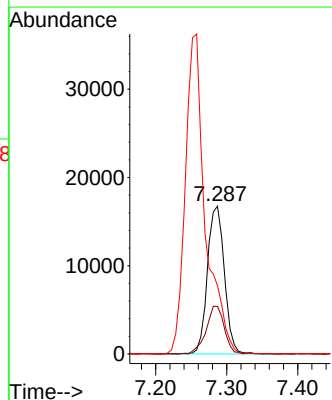
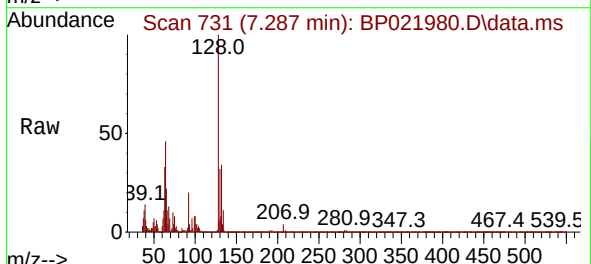
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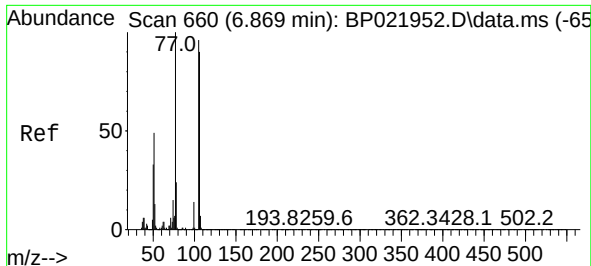
Tgt Ion: 99 Resp: 960929
Ion Ratio Lower Upper
99 100
42 21.1 16.8 25.2
71 46.0 35.8 53.6



#8
2-Chlorophenol
Concen: 3.731 ng
RT: 7.287 min Scan# 731
Delta R.T. 0.000 min
Lab File: BP021980.D
Acq: 23 Sep 2024 13:11

Tgt Ion:128 Resp: 27861
Ion Ratio Lower Upper
128 100
130 32.2 13.1 53.1
64 46.3 22.1 62.1





#9

Benzaldehyde

Concen: 5.705 ng

RT: 6.869 min Scan# 660

Delta R.T. 0.000 min

Lab File: BP021980.D

Acq: 23 Sep 2024 13:11

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2024

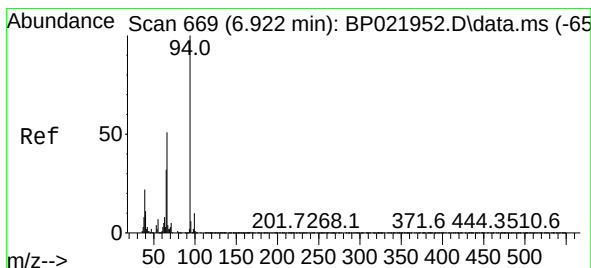
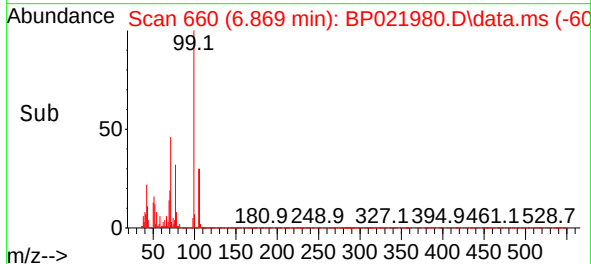
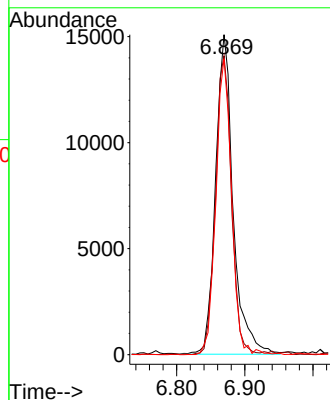
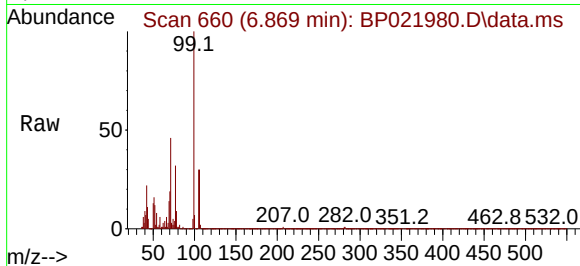
Tgt Ion: 77 Resp: 27040

Ion Ratio Lower Upper

77 100

105 93.4 76.1 116.1

106 92.5 69.9 109.9



#10

Phenol

Concen: 3.577 ng

RT: 6.922 min Scan# 669

Delta R.T. 0.000 min

Lab File: BP021980.D

Acq: 23 Sep 2024 13:11

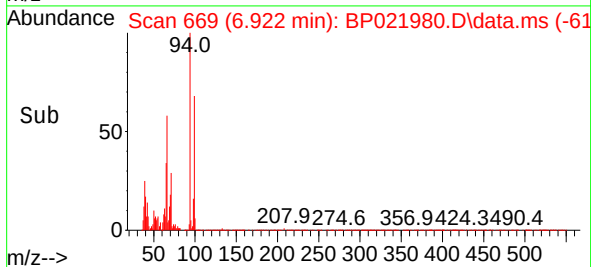
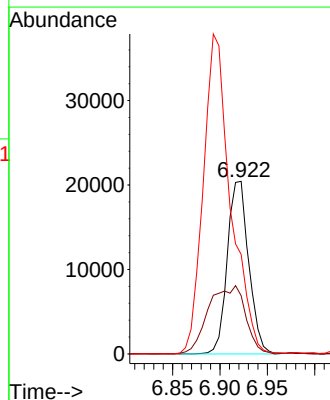
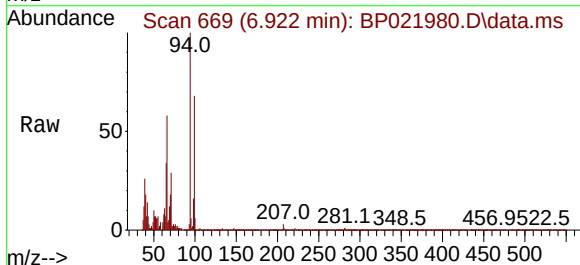
Tgt Ion: 94 Resp: 32204

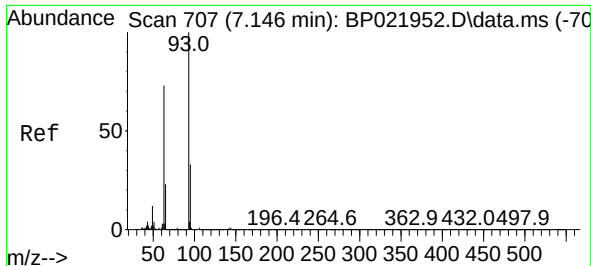
Ion Ratio Lower Upper

94 100

65 33.7 12.5 52.5

66 57.7 31.2 71.2





#11

bis(2-Chloroethyl)ether

Concen: 3.598 ng

RT: 7.146 min Scan# 707

Delta R.T. 0.000 min

Lab File: BP021980.D

Acq: 23 Sep 2024 13:11

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2024

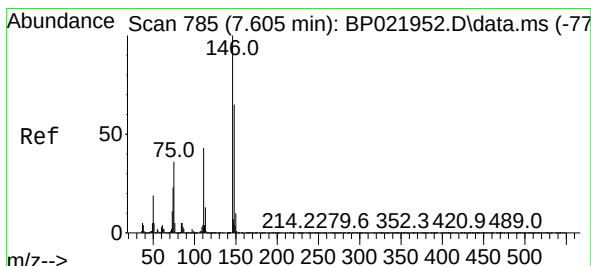
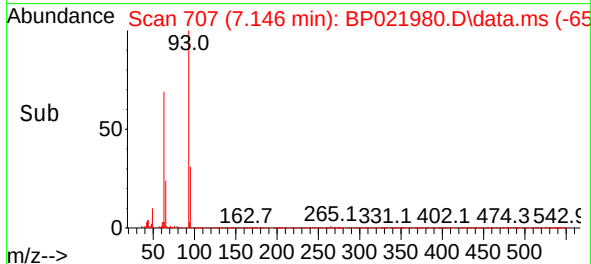
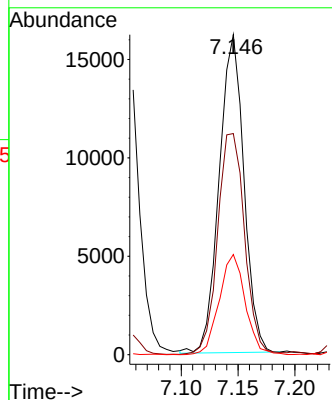
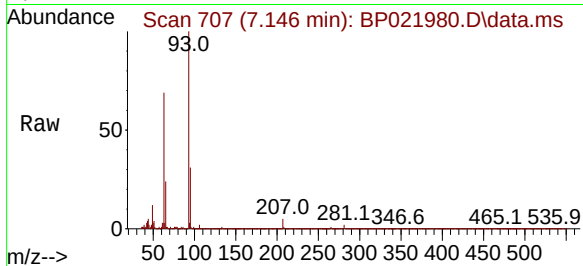
Tgt Ion: 93 Resp: 24399

Ion Ratio Lower Upper

93 100

63 69.1 53.0 93.0

95 31.3 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 3.513 ng

RT: 7.605 min Scan# 785

Delta R.T. 0.000 min

Lab File: BP021980.D

Acq: 23 Sep 2024 13:11

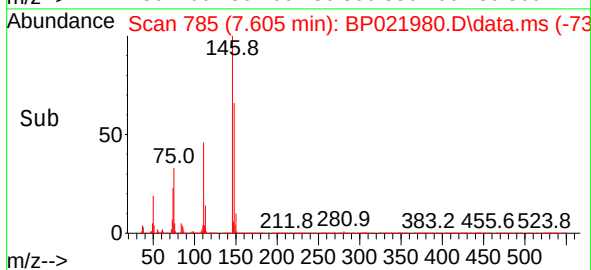
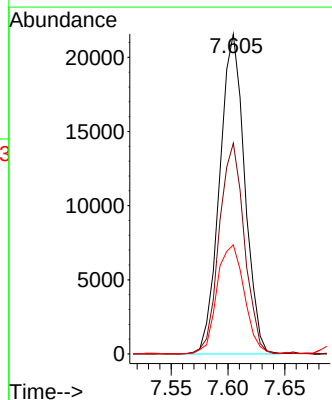
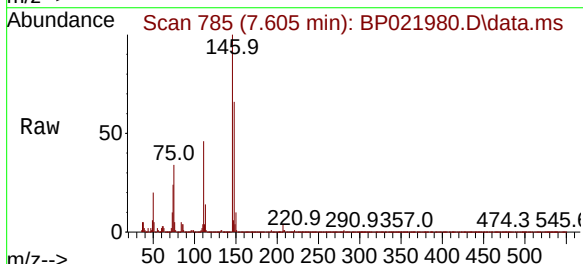
Tgt Ion:146 Resp: 33111

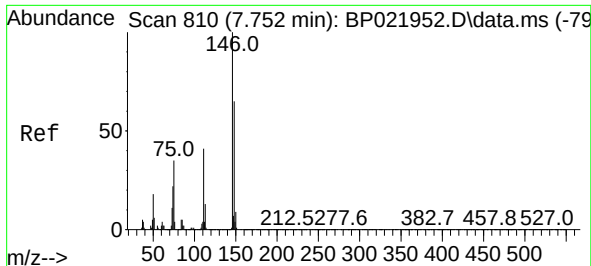
Ion Ratio Lower Upper

146 100

148 65.9 52.3 78.5

75 34.1 29.0 43.6

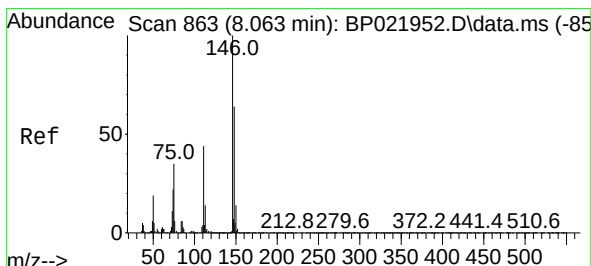
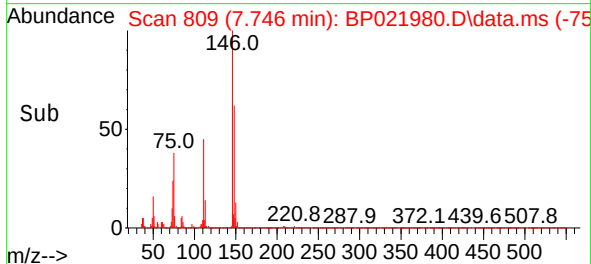
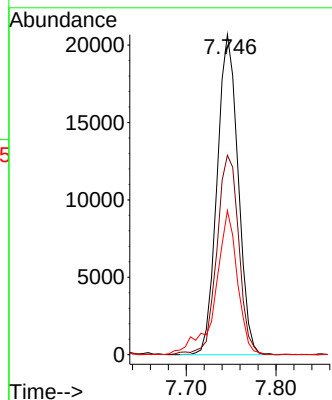
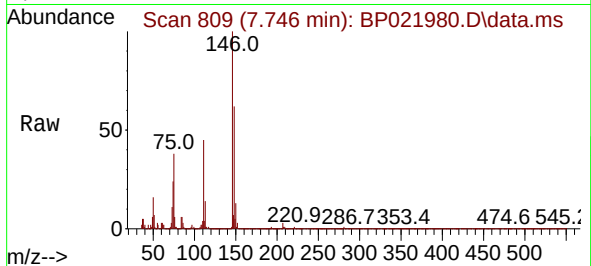




#13
1,4-Dichlorobenzene
Concen: 3.515 ng
RT: 7.746 min Scan# 809
Delta R.T. -0.006 min
Lab File: BP021980.D
Acq: 23 Sep 2024 13:11

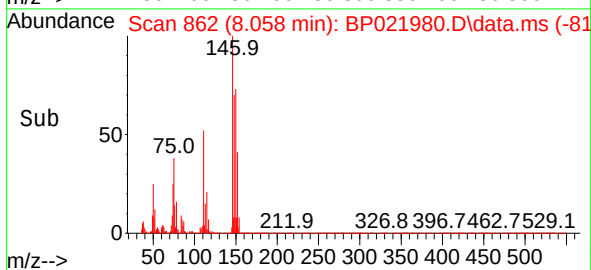
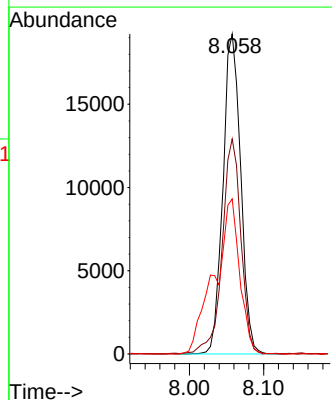
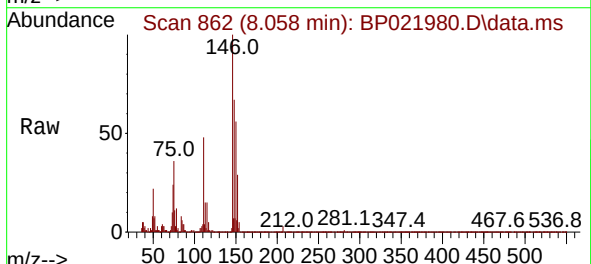
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2024

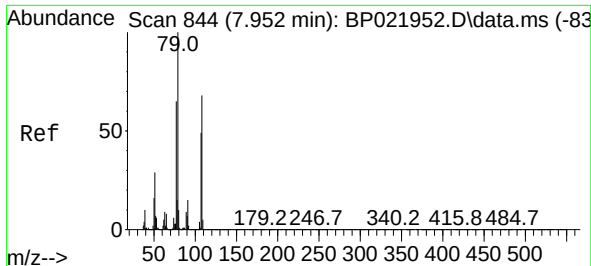
Tgt Ion:146 Resp: 33605
Ion Ratio Lower Upper
146 100
148 62.3 52.2 78.4
111 45.0 32.6 48.8



#14
1,2-Dichlorobenzene
Concen: 3.481 ng
RT: 8.058 min Scan# 862
Delta R.T. -0.006 min
Lab File: BP021980.D
Acq: 23 Sep 2024 13:11

Tgt Ion:146 Resp: 31940
Ion Ratio Lower Upper
146 100
148 67.2 51.3 76.9
111 48.4 35.6 53.4

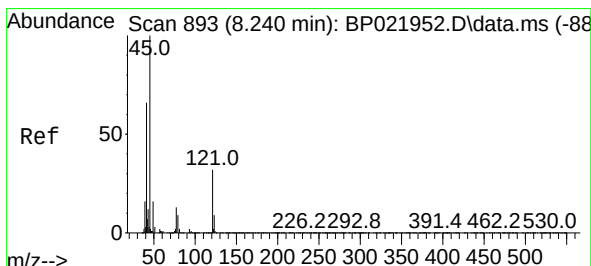
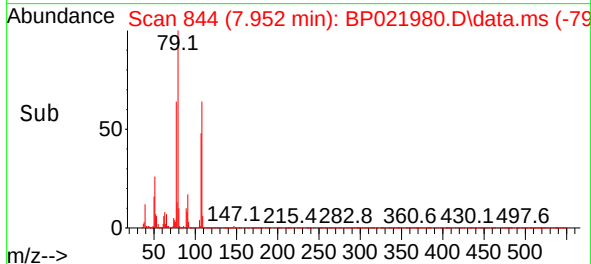
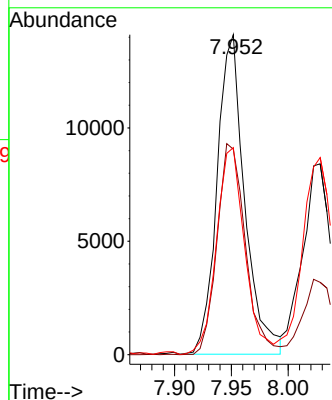
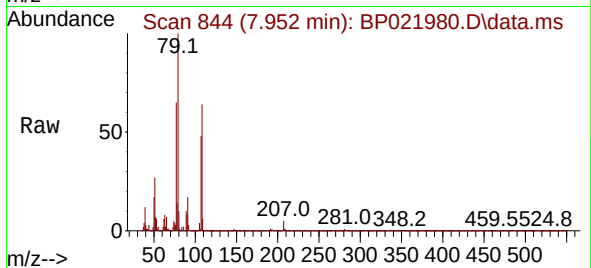




#15
Benzyl Alcohol
Concen: 3.440 ng
RT: 7.952 min Scan# 844
Delta R.T. 0.000 min
Lab File: BP021980.D
Acq: 23 Sep 2024 13:11

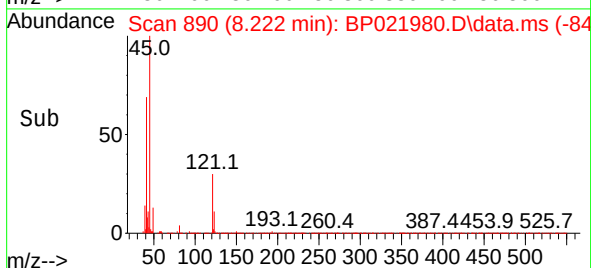
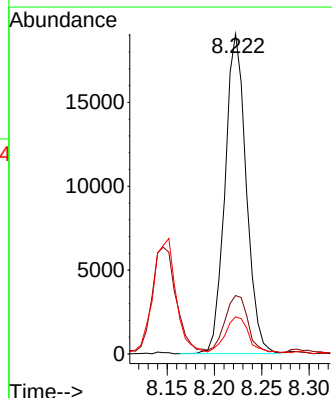
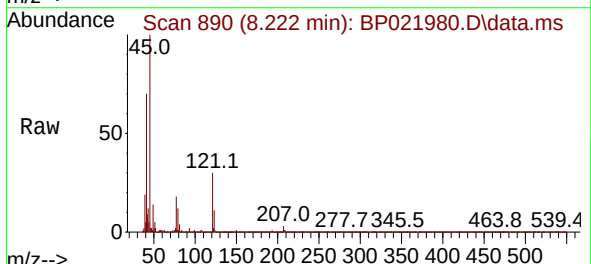
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2024

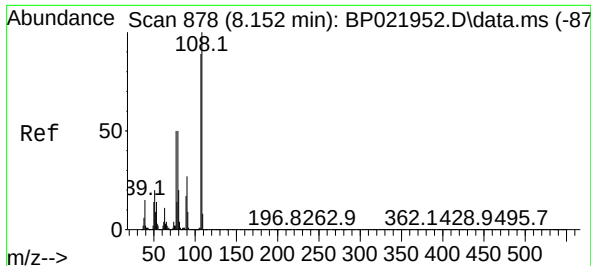
Tgt Ion: 79 Resp: 23917
Ion Ratio Lower Upper
79 100
108 64.2 54.7 82.1
77 64.7 51.8 77.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.106 ng
RT: 8.222 min Scan# 890
Delta R.T. -0.018 min
Lab File: BP021980.D
Acq: 23 Sep 2024 13:11

Tgt Ion: 45 Resp: 29702
Ion Ratio Lower Upper
45 100
77 18.2 0.0 39.5
79 11.6 0.0 34.9

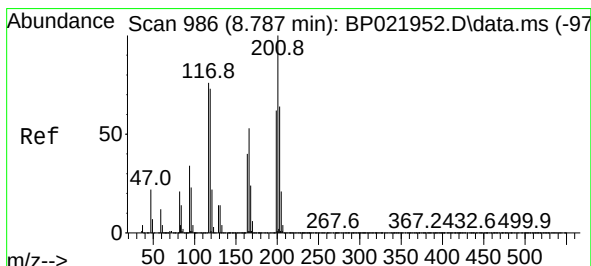
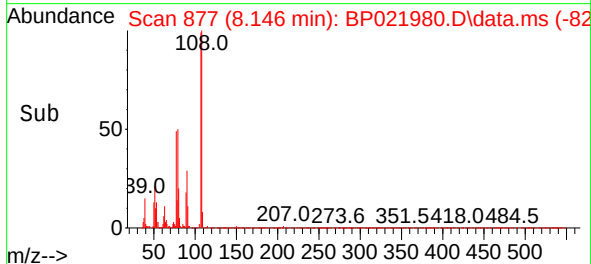
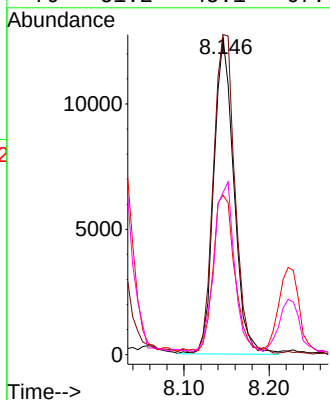
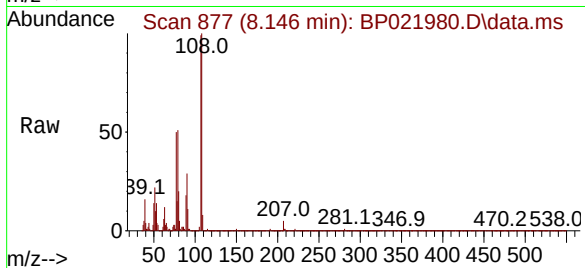




#17
2-Methylphenol
Concen: 3.399 ng
RT: 8.146 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP021980.D
Acq: 23 Sep 2024 13:11

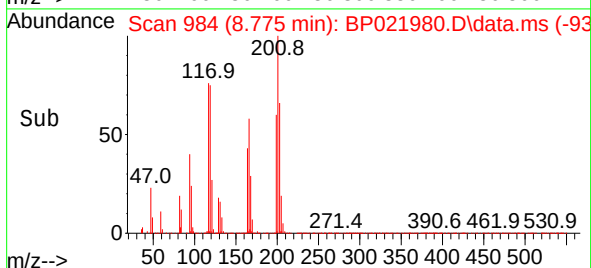
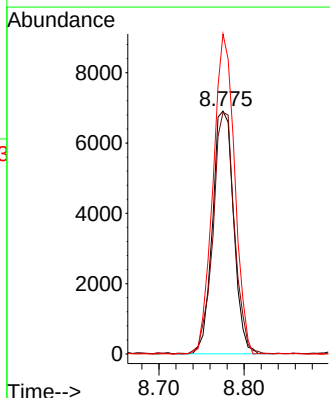
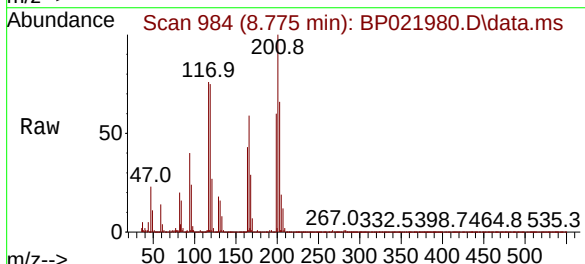
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2024

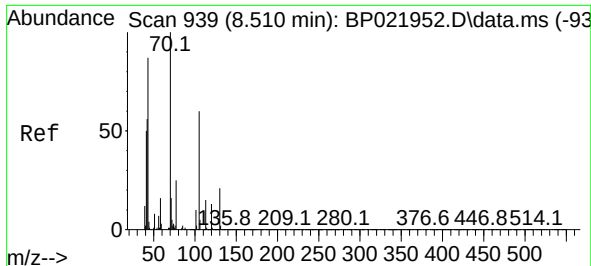
Tgt Ion:	107	Resp:	20675
Ion	Ratio	Lower	Upper
107	100		
108	101.0	90.3	135.5
77	50.4	45.1	67.7
79	51.2	45.1	67.7



#18
Hexachloroethane
Concen: 3.380 ng
RT: 8.775 min Scan# 984
Delta R.T. -0.012 min
Lab File: BP021980.D
Acq: 23 Sep 2024 13:11

Tgt Ion:	117	Resp:	11880
Ion	Ratio	Lower	Upper
117	100		
119	99.4	77.0	115.4
201	131.7	105.6	158.4

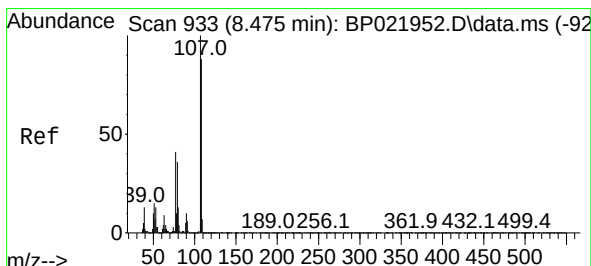
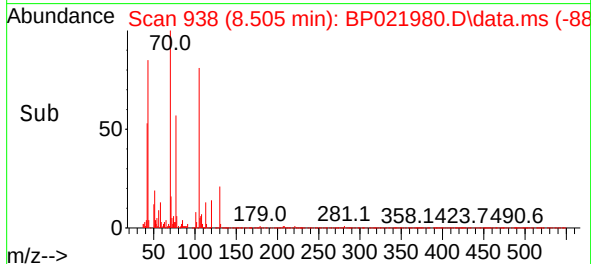
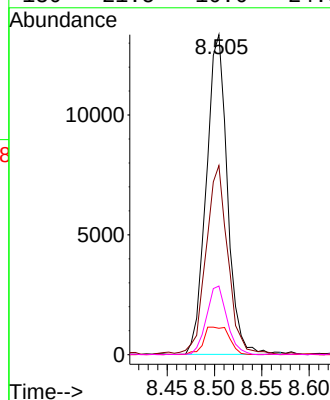
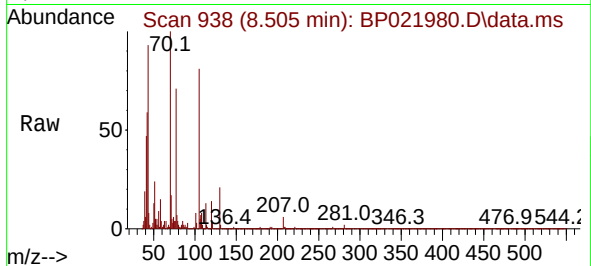




#19
n-Nitroso-di-n-propylamine
Concen: 3.661 ng
RT: 8.505 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP021980.D
Acq: 23 Sep 2024 13:11

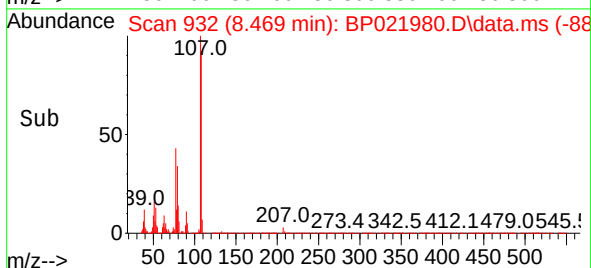
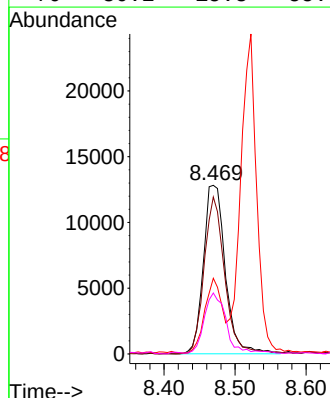
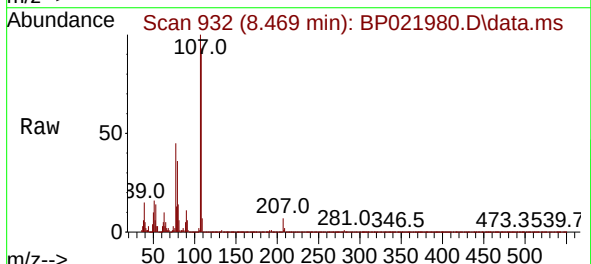
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2024

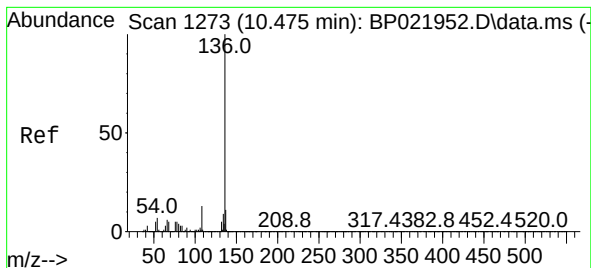
Tgt Ion: 70	Resp: 20627
Ion Ratio	Lower Upper
70 100	
42 59.1	45.2 67.8
101 8.3	7.8 11.6
130 21.5	16.6 24.8



#20
3+4-Methylphenols
Concen: 3.218 ng
RT: 8.469 min Scan# 932
Delta R.T. -0.006 min
Lab File: BP021980.D
Acq: 23 Sep 2024 13:11

Tgt Ion:107	Resp: 27629
Ion Ratio	Lower Upper
107 100	
108 93.1	68.3 108.3
77 44.9	20.6 60.6
79 36.2	15.8 55.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.475 min Scan# 1273

Delta R.T. 0.000 min

Lab File: BP021980.D

Acq: 23 Sep 2024 13:11

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2024

Tgt Ion:136 Resp: 520424

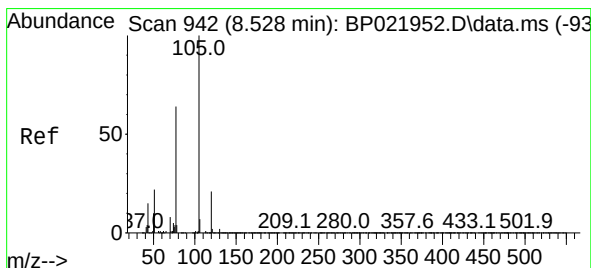
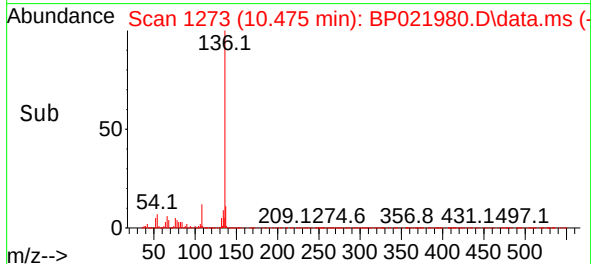
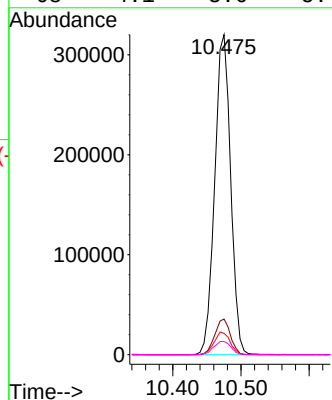
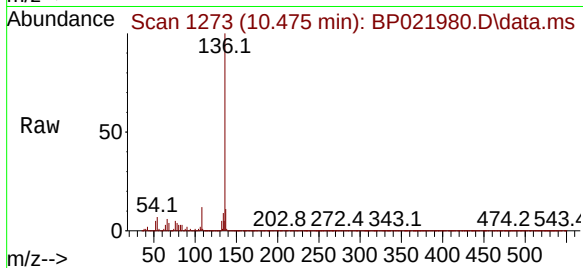
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 6.7 5.5 8.3

68 4.1 3.6 5.4



#22

Acetophenone

Concen: 3.464 ng

RT: 8.522 min Scan# 941

Delta R.T. -0.006 min

Lab File: BP021980.D

Acq: 23 Sep 2024 13:11

Tgt Ion:105 Resp: 43977

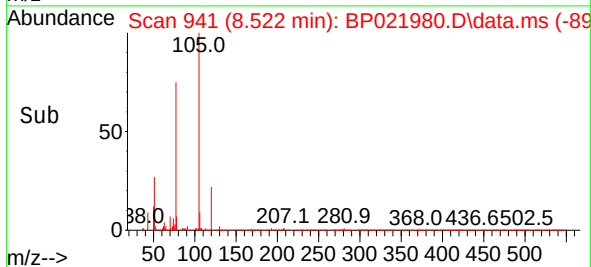
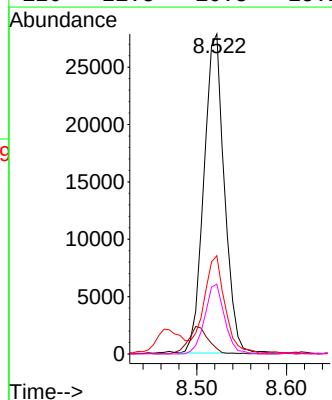
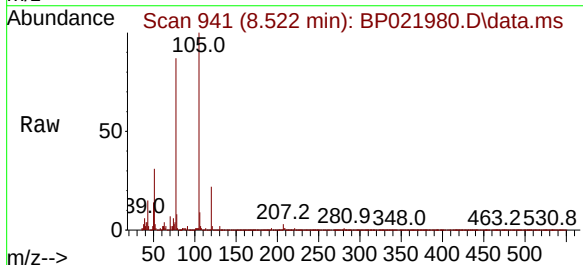
Ion Ratio Lower Upper

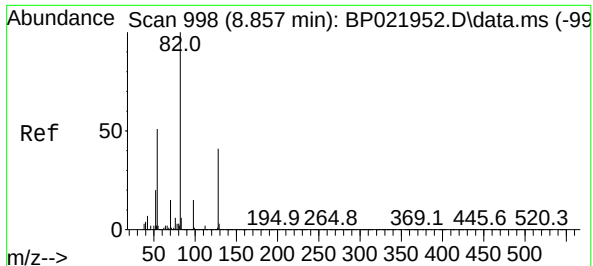
105 100

71 1.7 1.4 2.0

51 30.7 22.1 33.1

120 21.8 16.8 25.2





#23

Nitrobenzene-d5

Concen: 74.648 ng

RT: 8.852 min Scan# 998

Delta R.T. -0.006 min

Lab File: BP021980.D

Acq: 23 Sep 2024 13:11

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2024

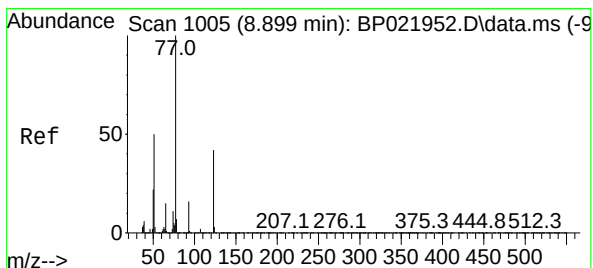
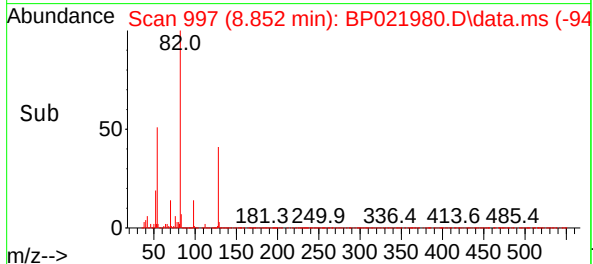
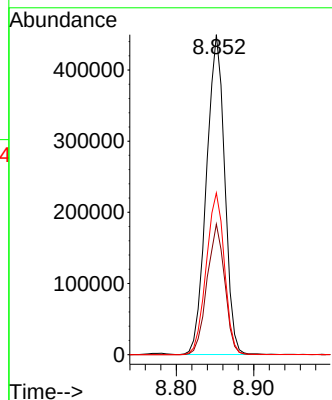
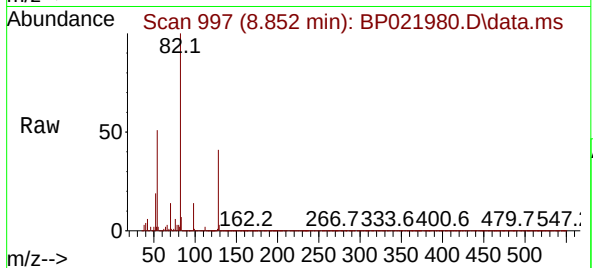
Tgt Ion: 82 Resp: 734196

Ion Ratio Lower Upper

82 100

128 40.8 33.1 49.7

54 50.5 40.3 60.5



#24

Nitrobenzene

Concen: 3.589 ng

RT: 8.887 min Scan# 1003

Delta R.T. -0.012 min

Lab File: BP021980.D

Acq: 23 Sep 2024 13:11

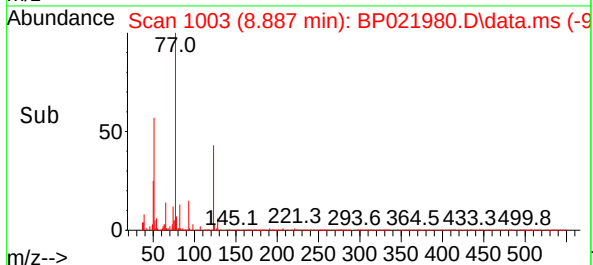
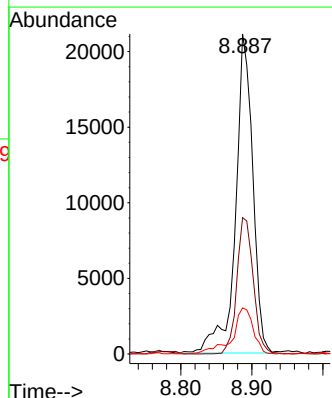
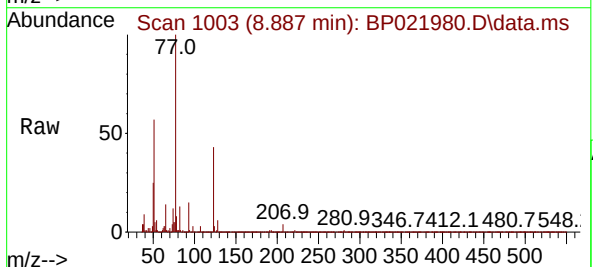
Tgt Ion: 77 Resp: 35844

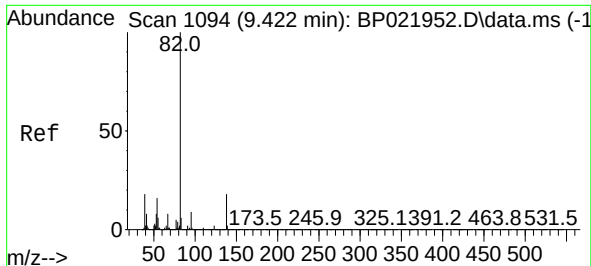
Ion Ratio Lower Upper

77 100

123 42.6 33.9 50.9

65 14.4 12.0 18.0





#25

Isophorone

Concen: 3.347 ng

RT: 9.416 min Scan# 1093

Delta R.T. -0.006 min

Lab File: BP021980.D

Acq: 23 Sep 2024 13:11

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2024

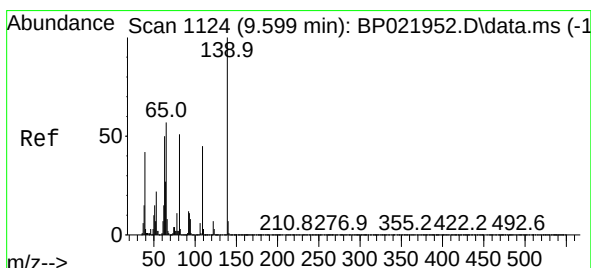
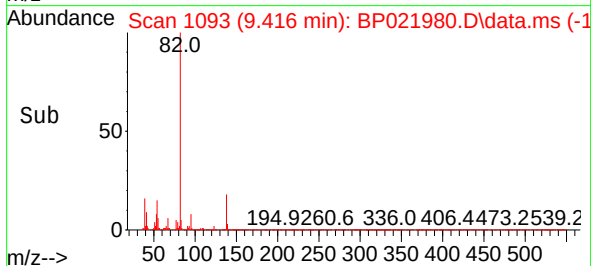
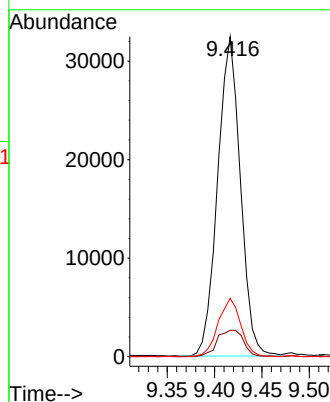
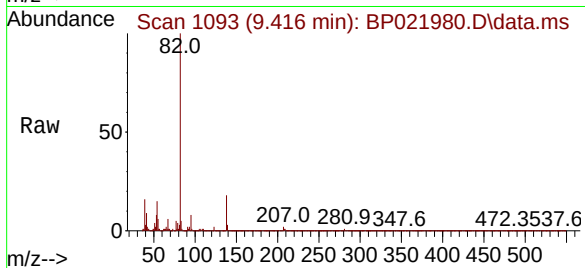
Tgt Ion: 82 Resp: 54272

Ion Ratio Lower Upper

82 100

95 8.3 7.0 10.6

138 18.2 14.6 21.8



#26

2-Nitrophenol

Concen: 2.775 ng

RT: 9.593 min Scan# 1123

Delta R.T. -0.006 min

Lab File: BP021980.D

Acq: 23 Sep 2024 13:11

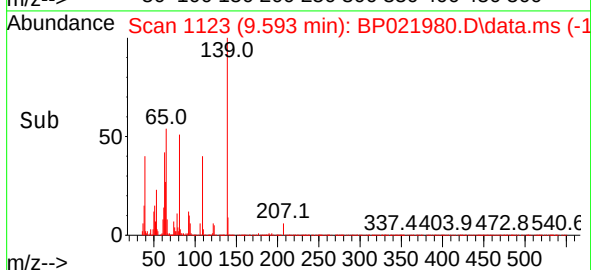
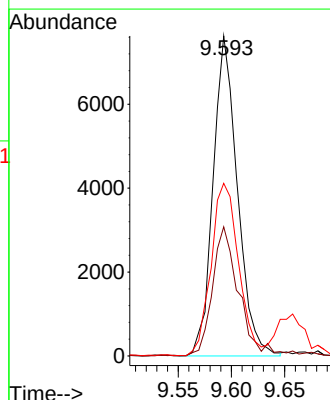
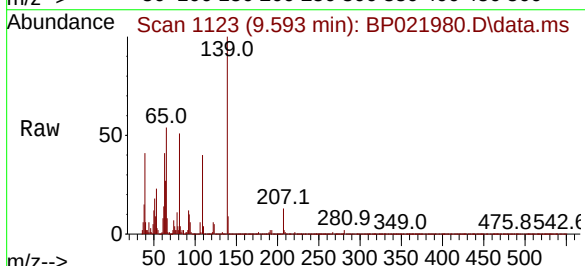
Tgt Ion: 139 Resp: 12119

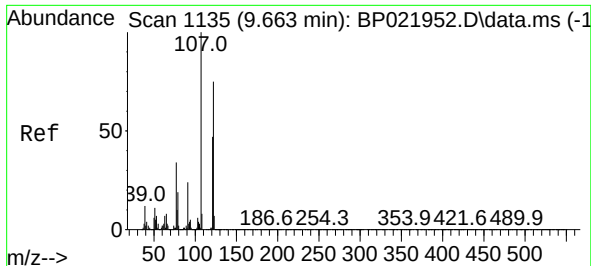
Ion Ratio Lower Upper

139 100

109 40.3 36.0 54.0

65 53.9 45.7 68.5

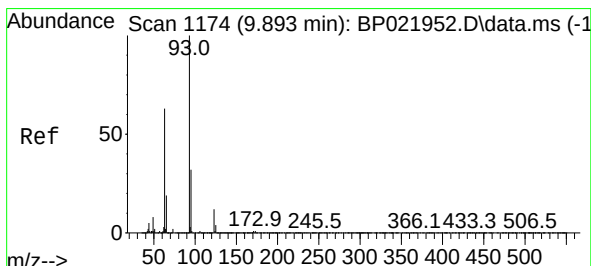
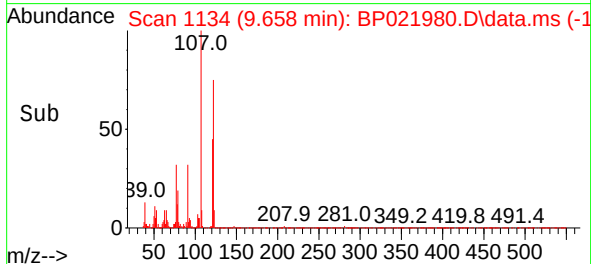
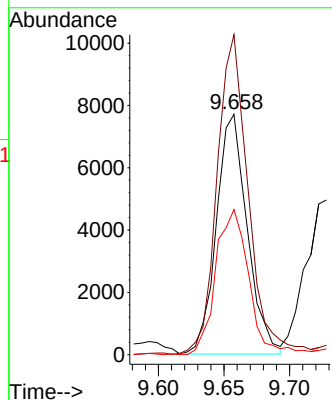
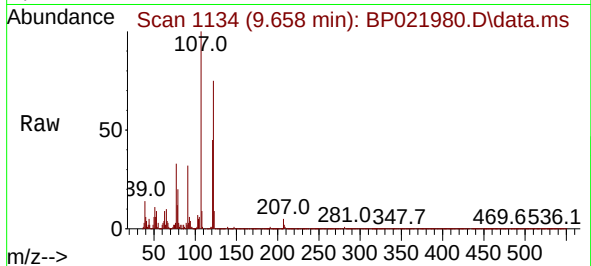




#27
2,4-Dimethylphenol
Concen: 2.490 ng
RT: 9.658 min Scan# 1135
Delta R.T. -0.006 min
Lab File: BP021980.D
Acq: 23 Sep 2024 13:11

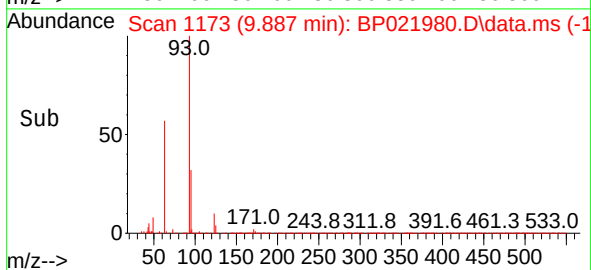
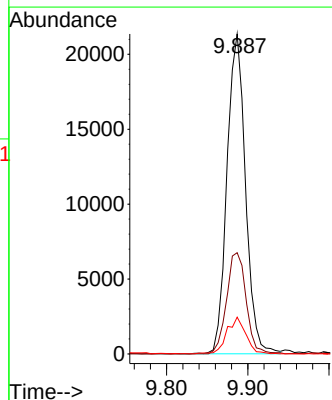
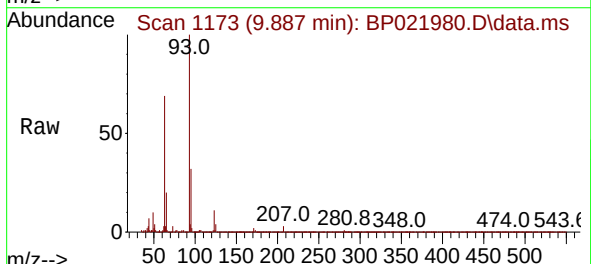
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2024

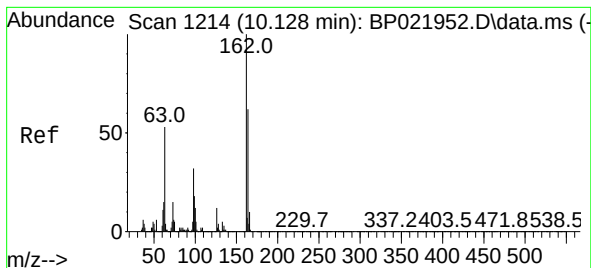
Tgt Ion:122 Resp: 12593
Ion Ratio Lower Upper
122 100
107 133.2 106.1 159.1
121 60.4 49.6 74.4



#28
bis(2-Chloroethoxy)methane
Concen: 3.485 ng
RT: 9.887 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BP021980.D
Acq: 23 Sep 2024 13:11

Tgt Ion: 93 Resp: 33885
Ion Ratio Lower Upper
93 100
95 31.6 25.7 38.5
123 11.5 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 2.937 ng

RT: 10.128 min Scan# 1214

Delta R.T. 0.000 min

Lab File: BP021980.D

Acq: 23 Sep 2024 13:11

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2024

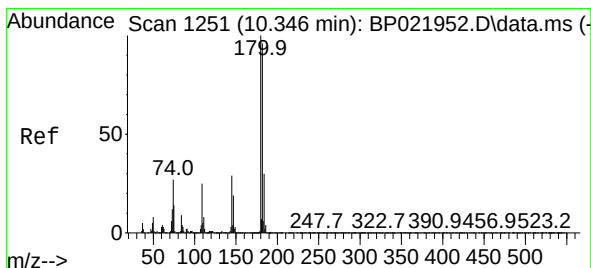
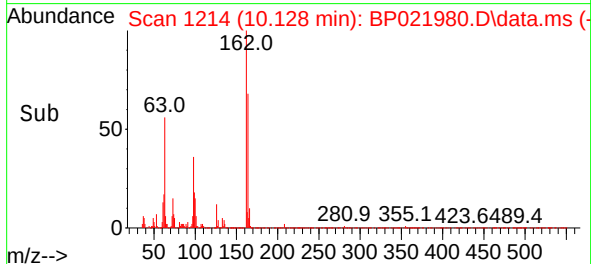
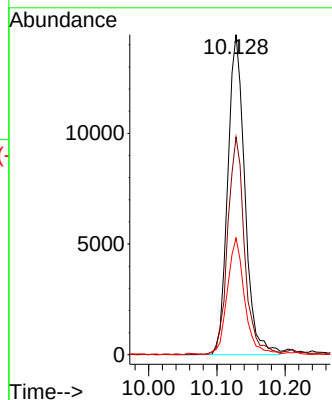
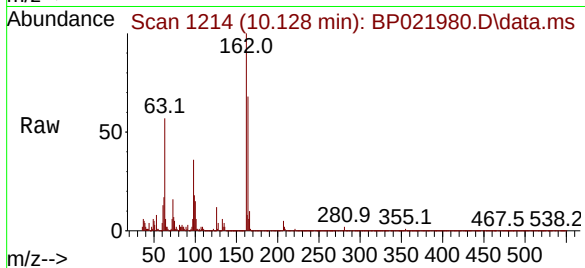
Tgt Ion:162 Resp: 25212

Ion Ratio Lower Upper

162 100

164 68.0 41.7 81.7

98 36.5 12.4 52.4



#30

1,2,4-Trichlorobenzene

Concen: 3.324 ng

RT: 10.340 min Scan# 1250

Delta R.T. -0.006 min

Lab File: BP021980.D

Acq: 23 Sep 2024 13:11

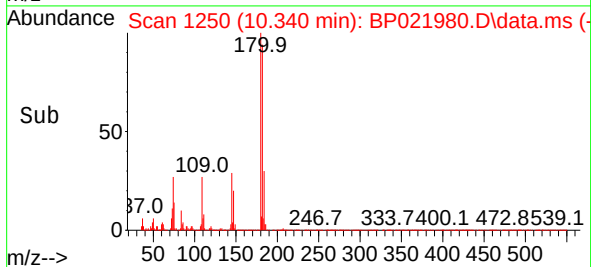
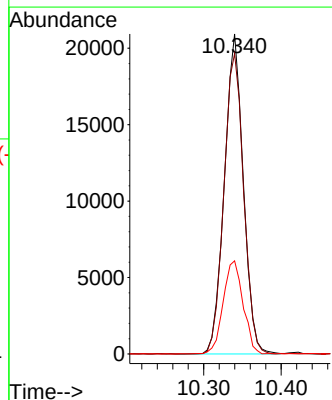
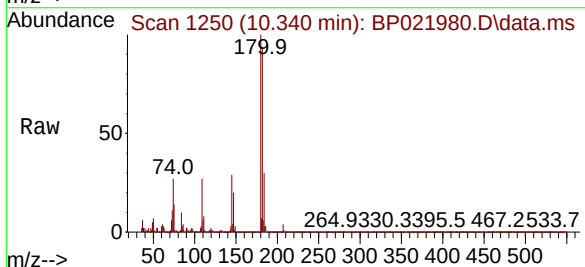
Tgt Ion:180 Resp: 35541

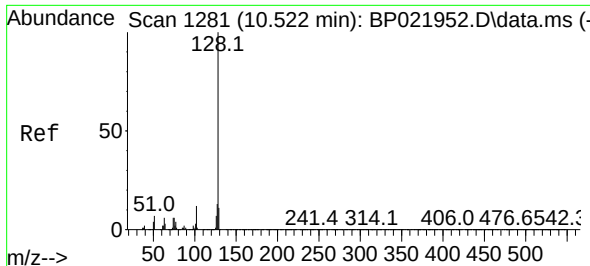
Ion Ratio Lower Upper

180 100

182 93.8 77.0 115.4

145 29.1 23.0 34.6

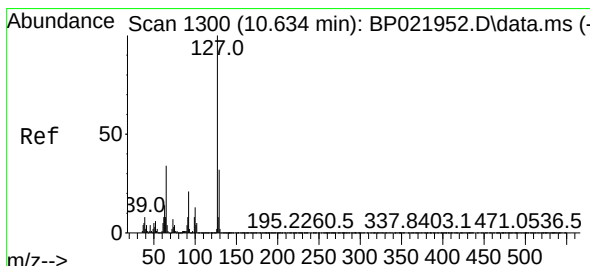
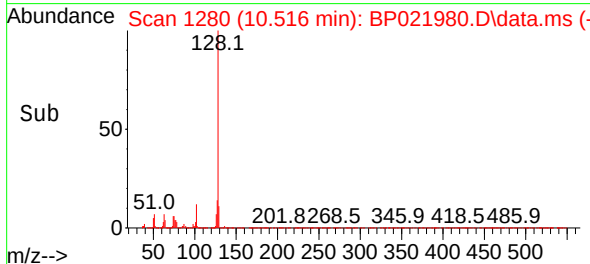
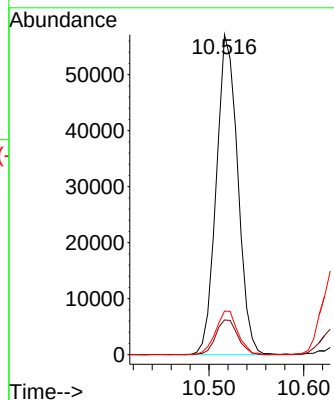
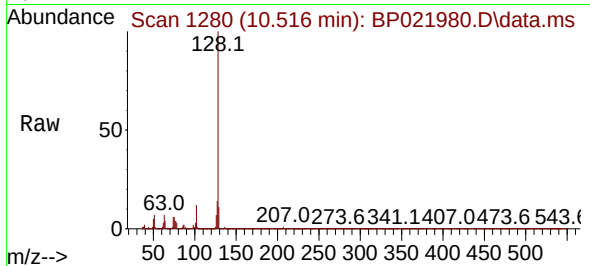




#31
Naphthalene
Concen: 3.461 ng
RT: 10.516 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BP021980.D
Acq: 23 Sep 2024 13:11

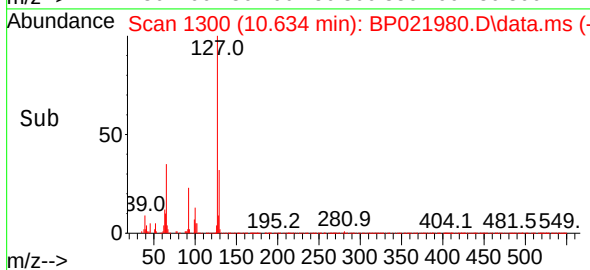
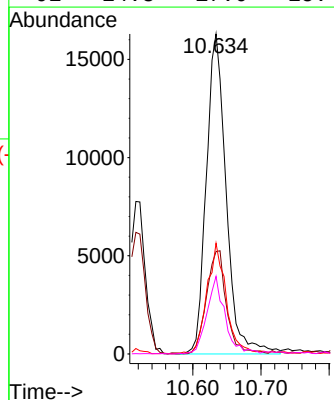
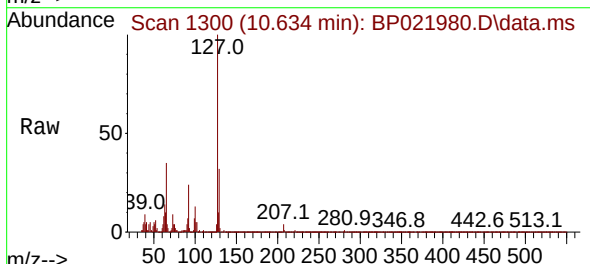
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2024

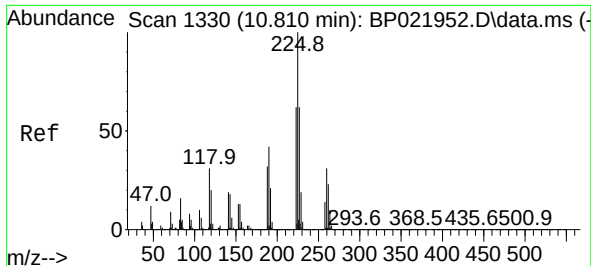
Tgt Ion:128 Resp: 89866
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.6 10.6 15.8



#33
4-Chloroaniline
Concen: 3.536 ng
RT: 10.634 min Scan# 1300
Delta R.T. 0.000 min
Lab File: BP021980.D
Acq: 23 Sep 2024 13:11

Tgt Ion:127 Resp: 33125
Ion Ratio Lower Upper
127 100
129 32.0 25.4 38.0
65 34.6 27.4 41.2
92 24.3 17.0 25.4

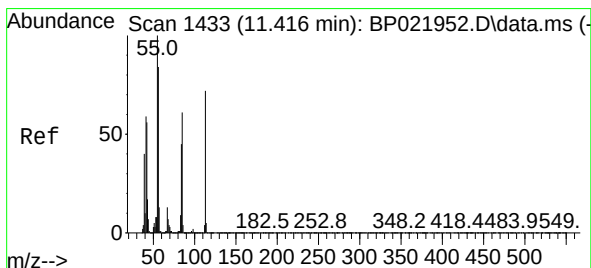
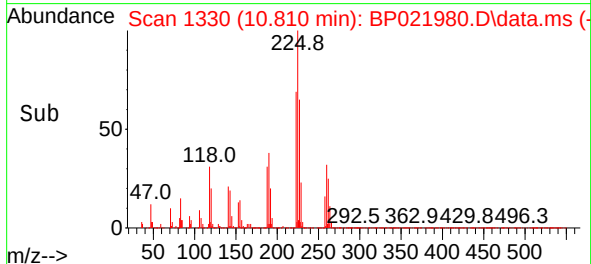
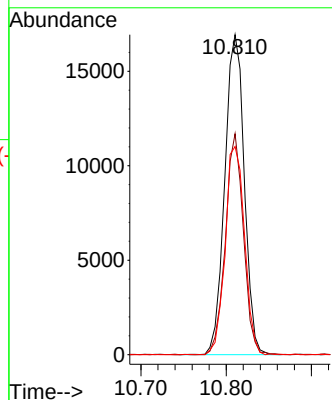
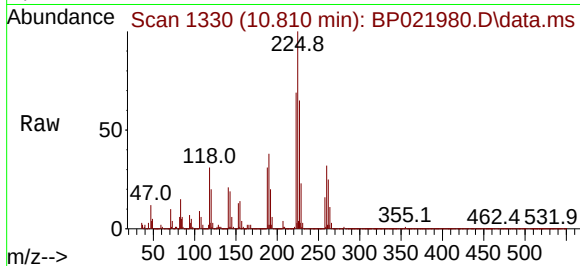




#34
Hexachlorobutadiene
Concen: 3.215 ng
RT: 10.810 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BP021980.D
Acq: 23 Sep 2024 13:11

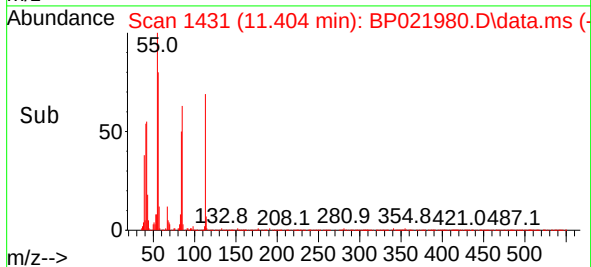
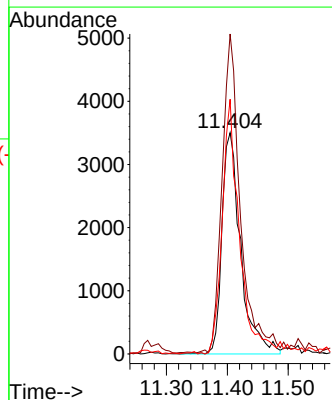
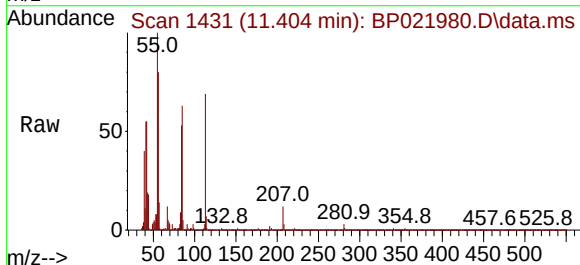
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2024

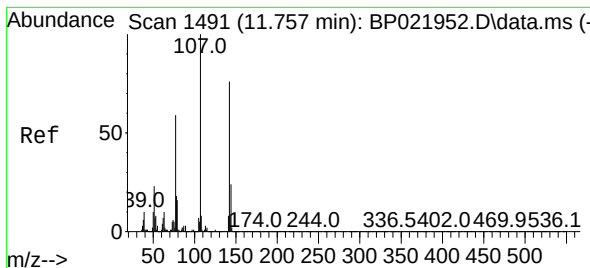
Tgt Ion	Ratio	Lower	Upper
225	100		
223	69.1	50.0	75.0
227	65.1	49.7	74.5



#35
Caprolactam
Concen: 2.933 ng
RT: 11.404 min Scan# 1431
Delta R.T. -0.012 min
Lab File: BP021980.D
Acq: 23 Sep 2024 13:11

Tgt Ion	Ratio	Lower	Upper
113	100		
55	144.6	119.4	159.4
56	115.1	97.1	137.1

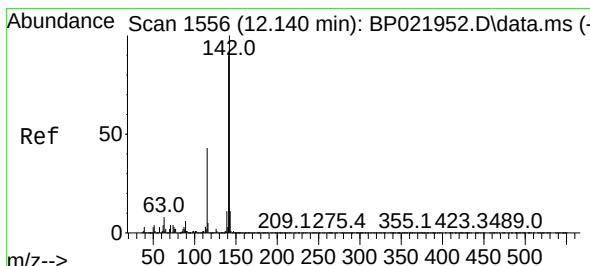
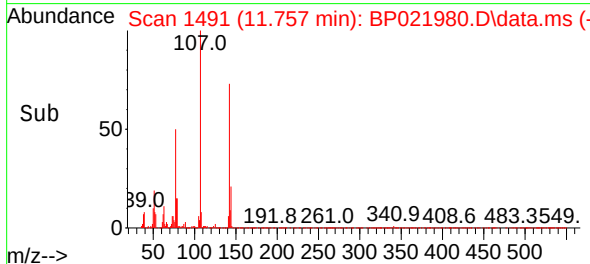
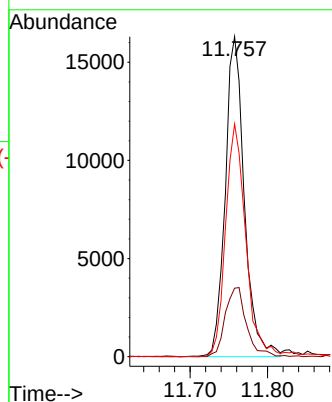
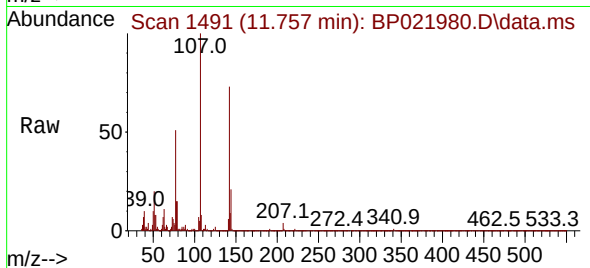




#36
4-Chloro-3-methylphenol
Concen: 3.039 ng
RT: 11.757 min Scan# 1491
Delta R.T. 0.000 min
Lab File: BP021980.D
Acq: 23 Sep 2024 13:11

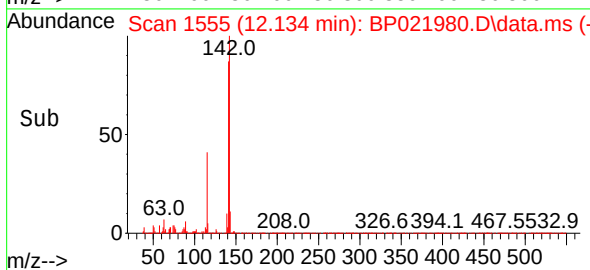
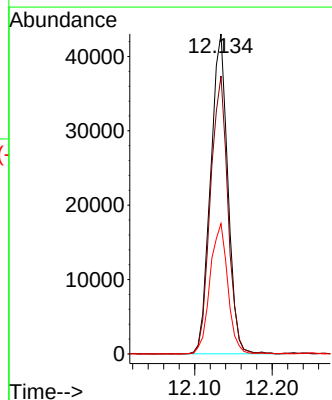
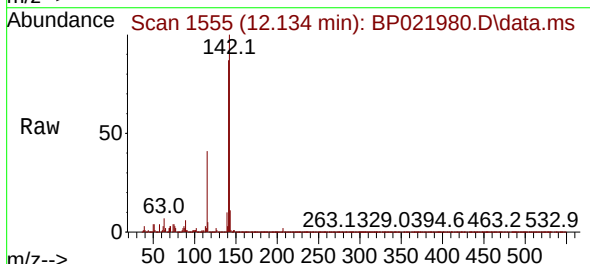
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2024

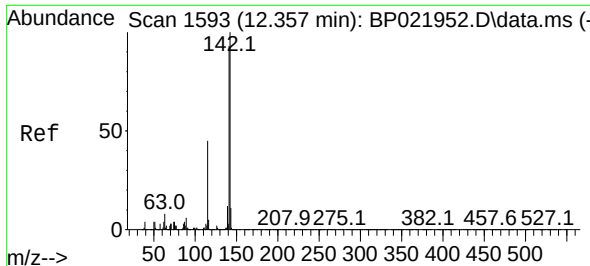
Tgt Ion:	107	Resp:	27989
Ion	Ratio	Lower	Upper
107	100		
144	21.4	19.0	28.4
142	72.7	60.4	90.6



#37
2-Methylnaphthalene
Concen: 3.508 ng
RT: 12.134 min Scan# 1555
Delta R.T. -0.006 min
Lab File: BP021980.D
Acq: 23 Sep 2024 13:11

Tgt Ion:	142	Resp:	66649
Ion	Ratio	Lower	Upper
142	100		
141	86.9	71.7	107.5
115	40.8	34.6	51.8





#38

1-Methylnaphthalene

Concen: 3.162 ng

RT: 12.357 min Scan# 1593

Delta R.T. 0.000 min

Lab File: BP021980.D

Acq: 23 Sep 2024 13:11

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2024

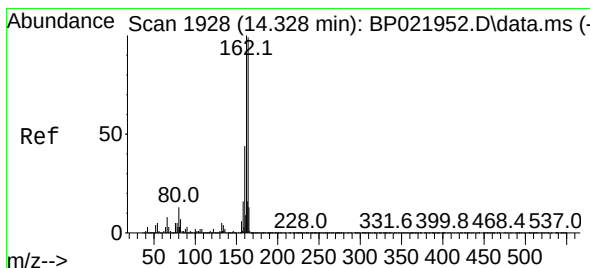
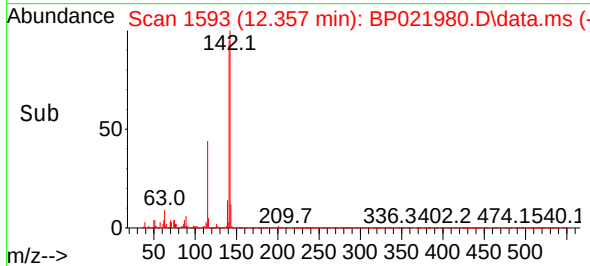
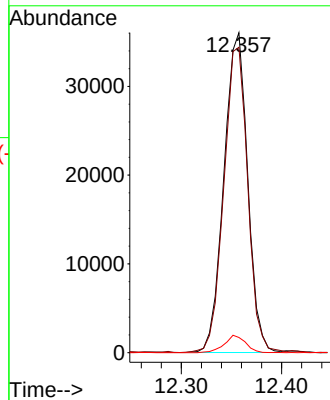
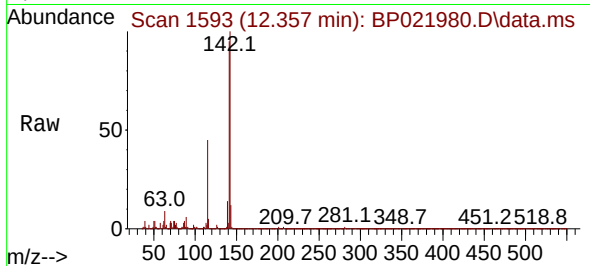
Tgt Ion:142 Resp: 59305

Ion Ratio Lower Upper

142 100

141 95.5 74.1 111.1

116 4.7 3.8 5.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.322 min Scan# 1927

Delta R.T. -0.006 min

Lab File: BP021980.D

Acq: 23 Sep 2024 13:11

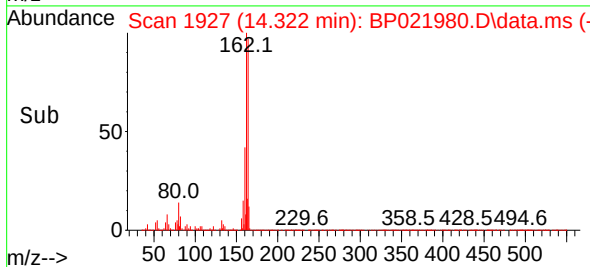
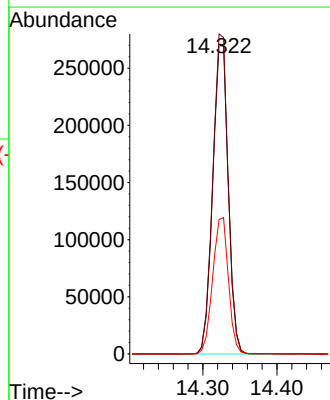
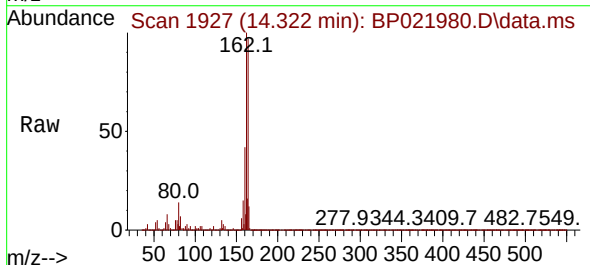
Tgt Ion:164 Resp: 393173

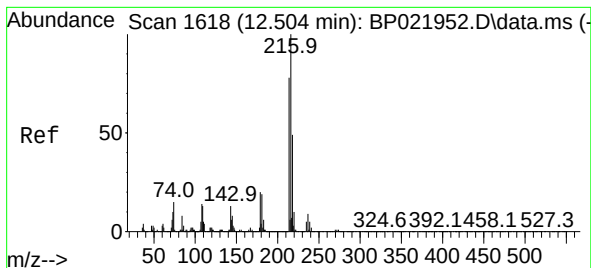
Ion Ratio Lower Upper

164 100

162 103.3 81.2 121.8

160 43.5 35.9 53.9





#40

1,2,4,5-Tetrachlorobenzene

Concen: 3.300 ng

RT: 12.499 min Scan# 1617

Delta R.T. -0.006 min

Lab File: BP021980.D

Acq: 23 Sep 2024 13:11

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2024

Tgt Ion:216 Resp: 45387

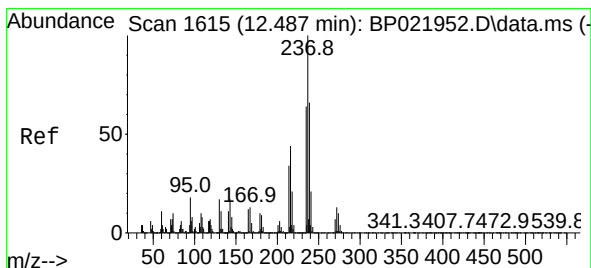
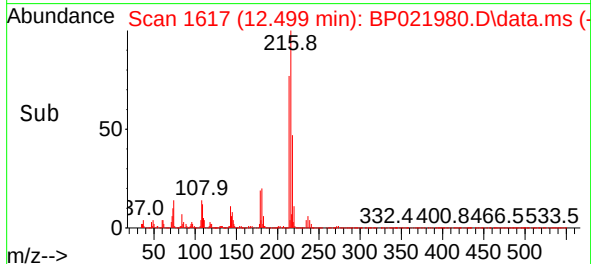
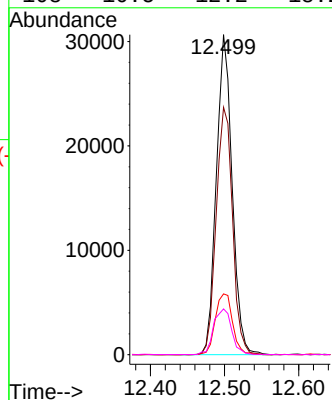
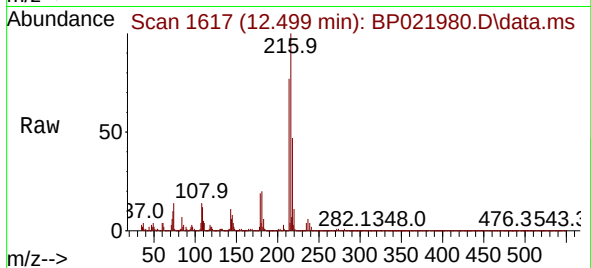
Ion Ratio Lower Upper

216 100

214 79.8 62.8 94.2

179 20.9 16.4 24.6

108 16.5 12.2 18.2



#41

Hexachlorocyclopentadiene

Concen: 2.495 ng

RT: 12.487 min Scan# 1615

Delta R.T. 0.000 min

Lab File: BP021980.D

Acq: 23 Sep 2024 13:11

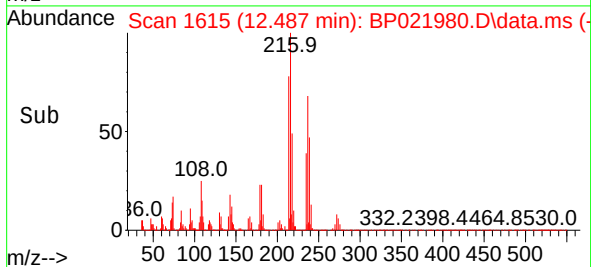
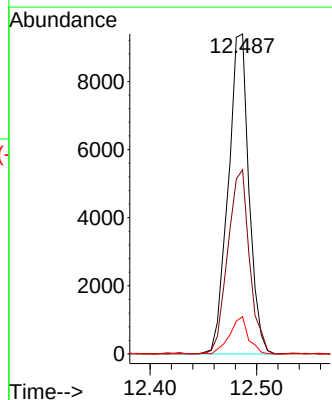
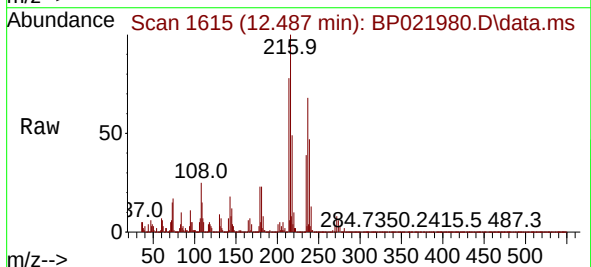
Tgt Ion:237 Resp: 12752

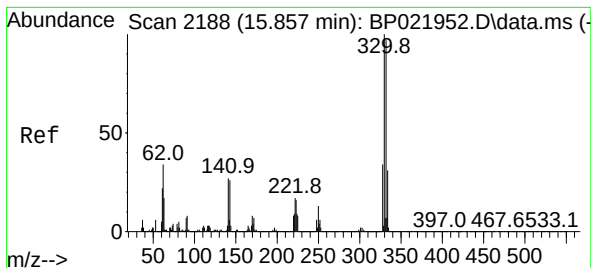
Ion Ratio Lower Upper

237 100

235 57.5 44.1 84.1

272 11.7 0.0 33.1





#42

2,4,6-Tribromophenol

Concen: 107.296 ng

RT: 15.845 min Scan# 2188

Delta R.T. -0.012 min

Lab File: BP021980.D

Acq: 23 Sep 2024 13:11

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2024

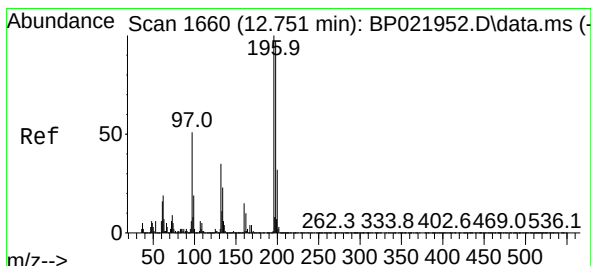
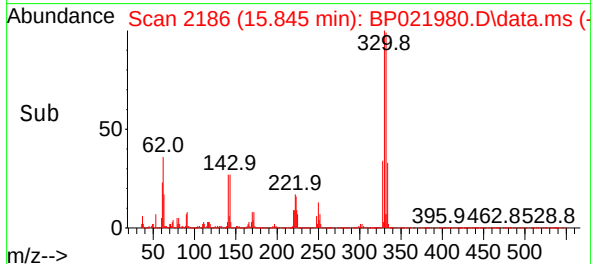
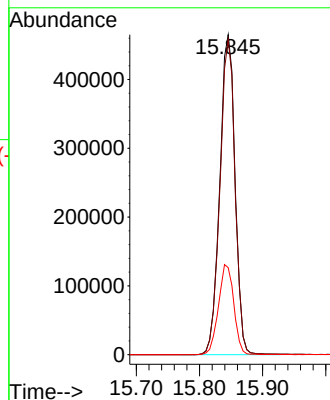
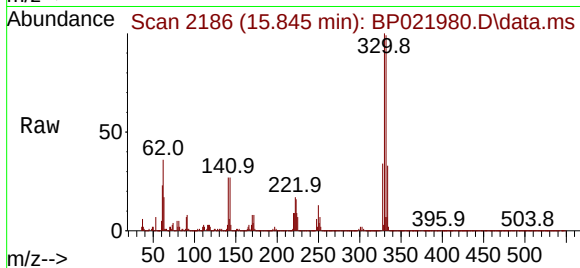
Tgt Ion:330 Resp: 782075

Ion Ratio Lower Upper

330 100

332 97.6 77.5 116.3

141 28.3 23.4 35.0



#43

2,4,6-Trichlorophenol

Concen: 2.957 ng

RT: 12.746 min Scan# 1659

Delta R.T. -0.006 min

Lab File: BP021980.D

Acq: 23 Sep 2024 13:11

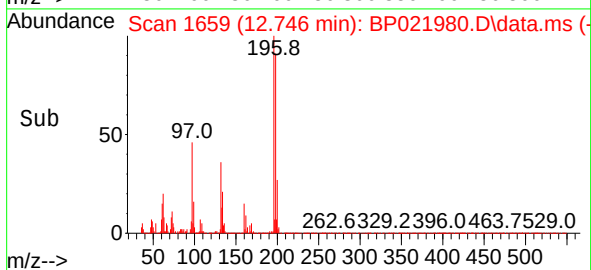
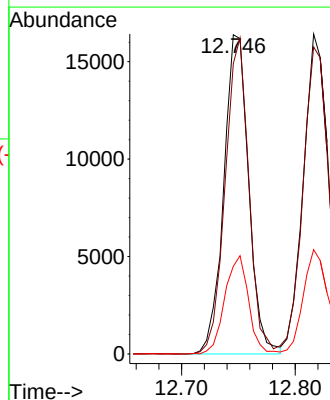
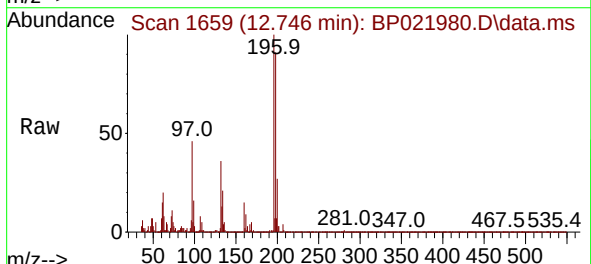
Tgt Ion:196 Resp: 24964

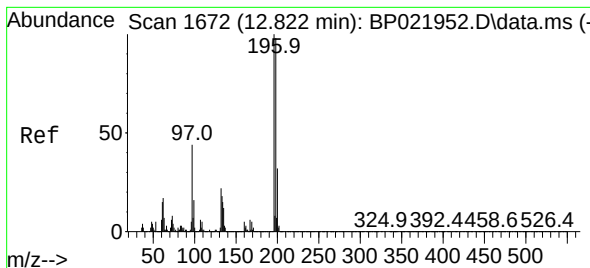
Ion Ratio Lower Upper

196 100

198 91.0 77.6 116.4

200 27.4 25.8 38.6





#44

2,4,5-Trichlorophenol

Concen: 2.746 ng

RT: 12.816 min Scan# 1671

Delta R.T. -0.006 min

Lab File: BP021980.D

Acq: 23 Sep 2024 13:11

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2024

Tgt Ion:196 Resp: 26009

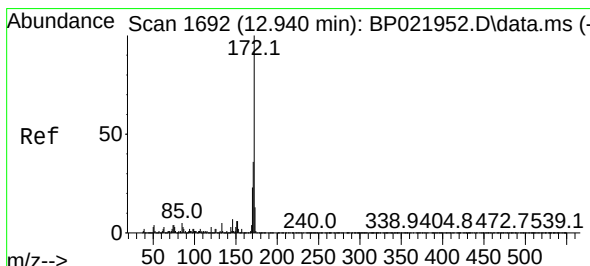
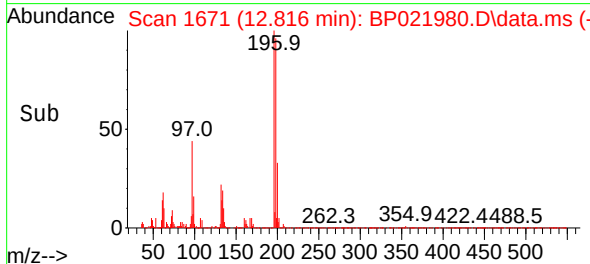
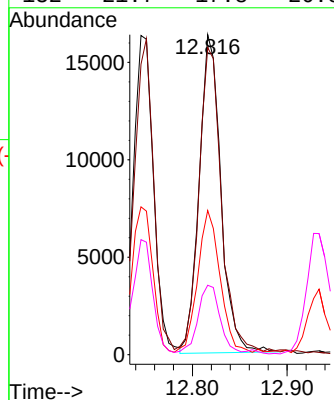
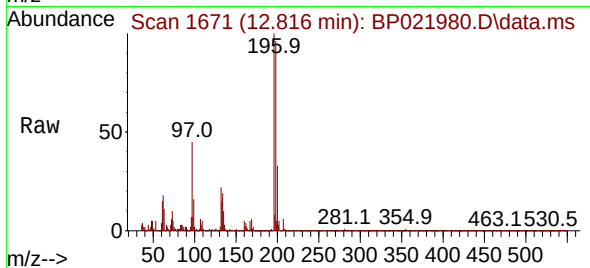
Ion Ratio Lower Upper

196 100

198 96.0 78.2 117.4

97 45.0 35.0 52.4

132 21.7 17.8 26.8



#45

2-Fluorobiphenyl

Concen: 71.643 ng

RT: 12.934 min Scan# 1691

Delta R.T. -0.006 min

Lab File: BP021980.D

Acq: 23 Sep 2024 13:11

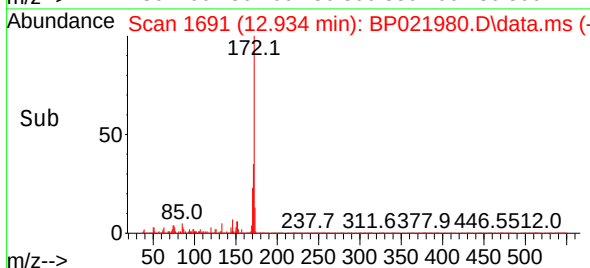
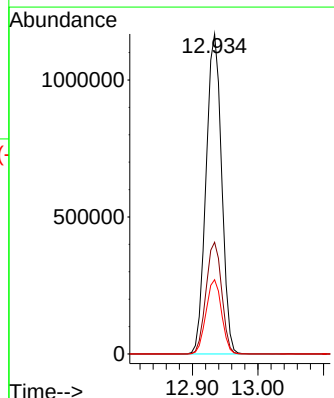
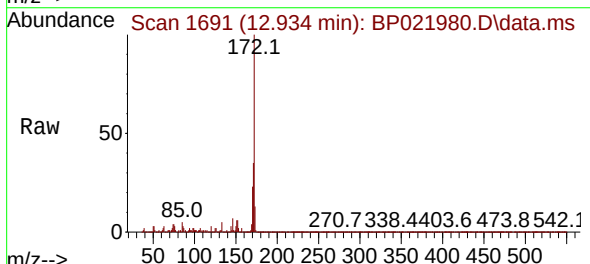
Tgt Ion:172 Resp: 1929639

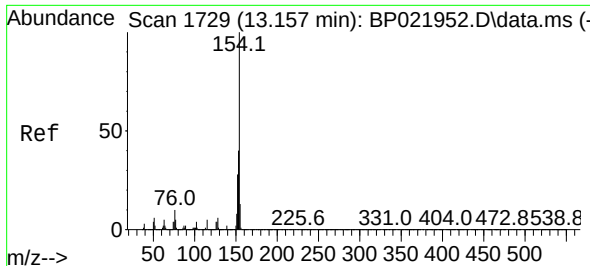
Ion Ratio Lower Upper

172 100

171 34.9 28.6 43.0

170 23.2 18.8 28.2

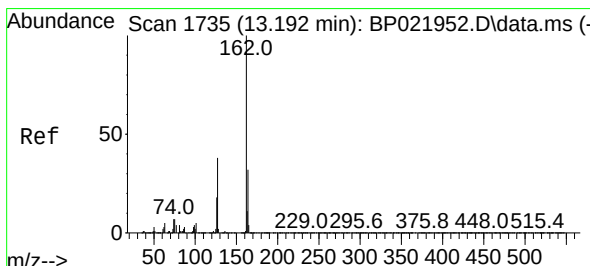
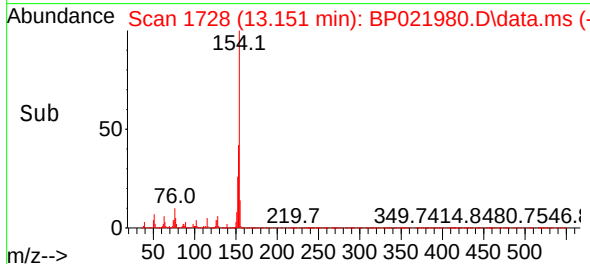
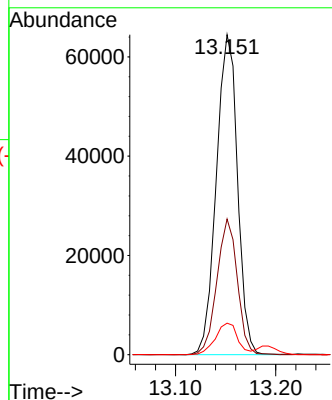
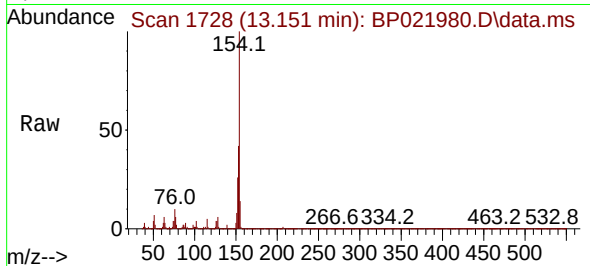




#46
1,1'-Biphenyl
Concen: 3.522 ng
RT: 13.151 min Scan# 1729
Delta R.T. -0.006 min
Lab File: BP021980.D
Acq: 23 Sep 2024 13:11

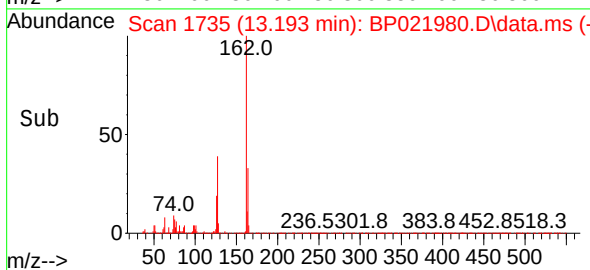
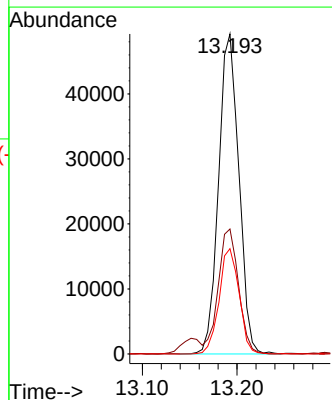
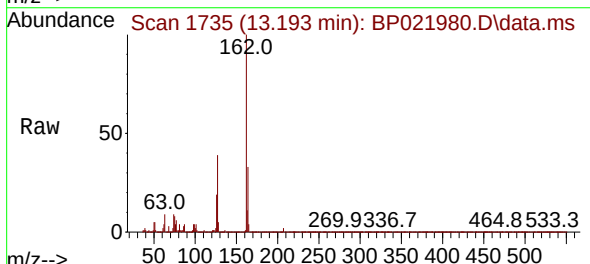
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT2-2024

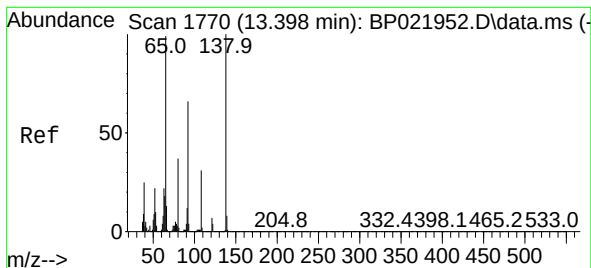
Tgt Ion:154 Resp: 94422
Ion Ratio Lower Upper
154 100
153 42.4 20.2 60.2
76 9.8 0.0 29.9



#47
2-Chloronaphthalene
Concen: 3.381 ng
RT: 13.193 min Scan# 1735
Delta R.T. 0.000 min
Lab File: BP021980.D
Acq: 23 Sep 2024 13:11

Tgt Ion:162 Resp: 73294
Ion Ratio Lower Upper
162 100
127 39.0 31.7 47.5
164 32.9 25.9 38.9





#48

2-Nitroaniline

Concen: 2.714 ng

RT: 13.398 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP021980.D

Acq: 23 Sep 2024 13:11

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2024

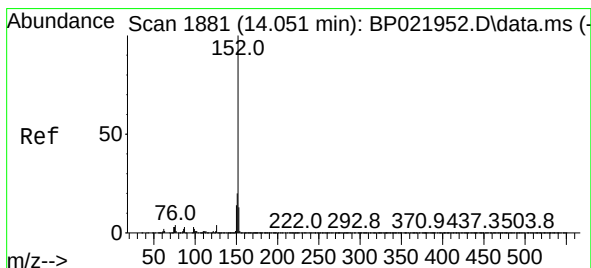
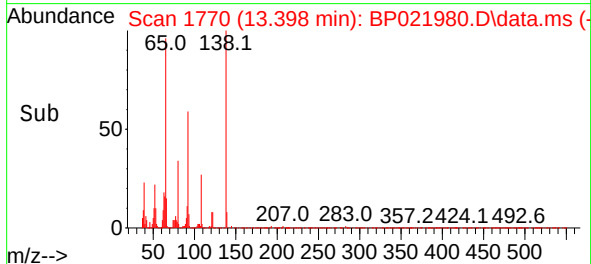
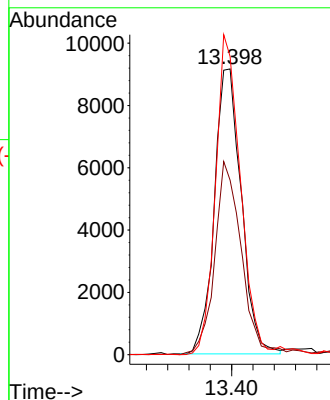
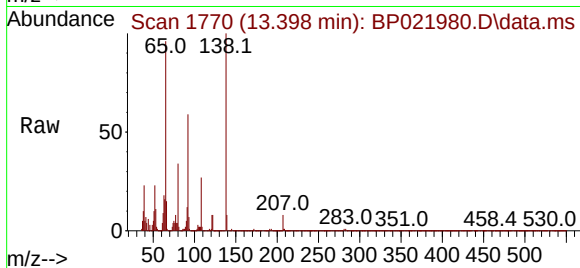
Tgt Ion: 65 Resp: 16064

Ion Ratio Lower Upper

65 100

92 61.1 53.2 79.8

138 104.3 81.1 121.7



#49

Acenaphthylene

Concen: 3.420 ng

RT: 14.040 min Scan# 1879

Delta R.T. -0.012 min

Lab File: BP021980.D

Acq: 23 Sep 2024 13:11

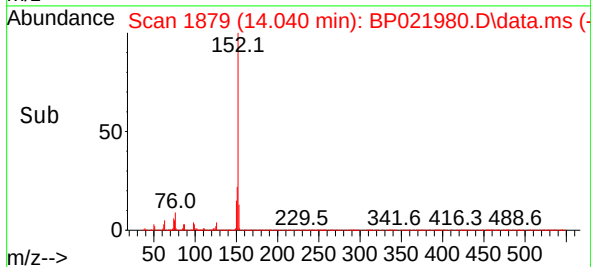
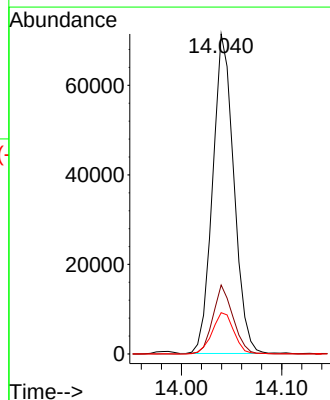
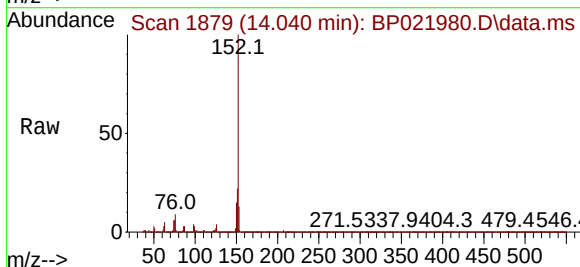
Tgt Ion: 152 Resp: 104619

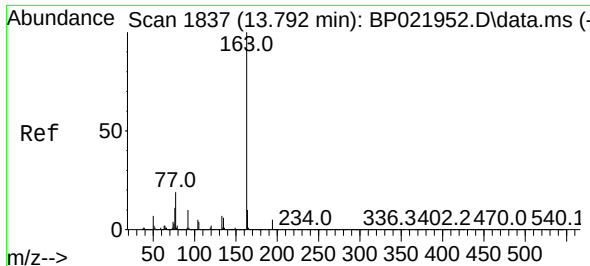
Ion Ratio Lower Upper

152 100

151 21.5 16.0 24.0

153 12.9 10.8 16.2

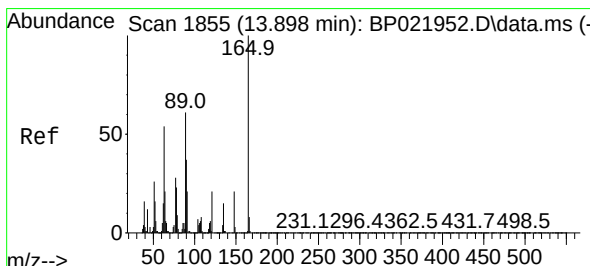
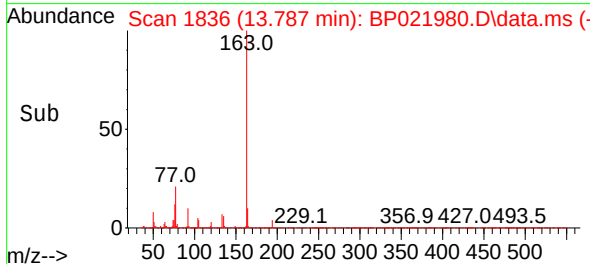
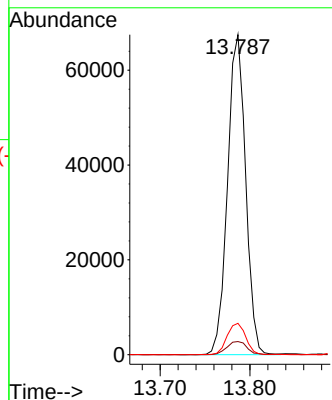
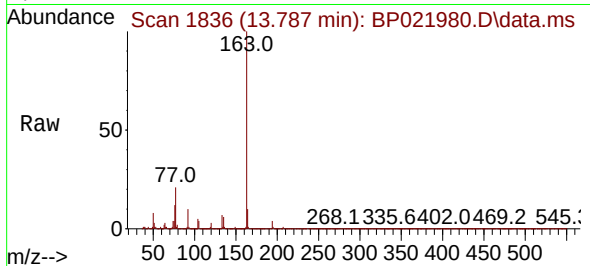




#50
Dimethylphthalate
Concen: 3.309 ng
RT: 13.787 min Scan# 1836
Delta R.T. -0.006 min
Lab File: BP021980.D
Acq: 23 Sep 2024 13:11

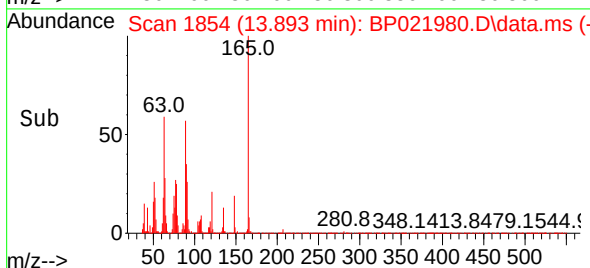
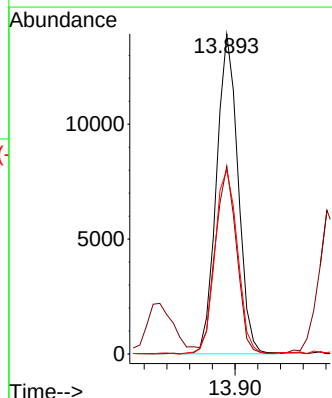
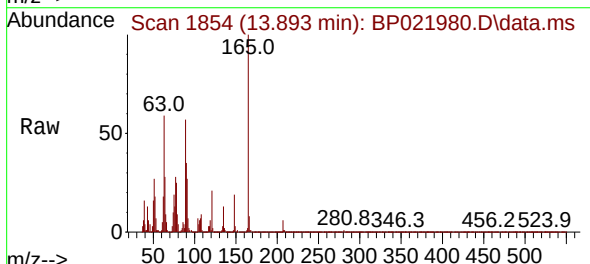
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT2-2024

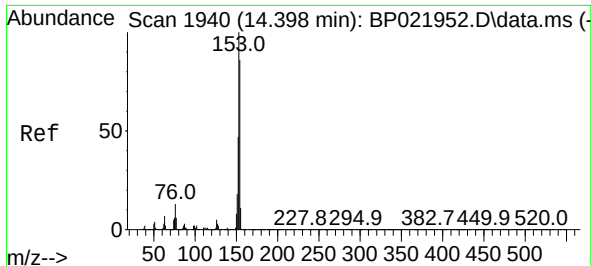
Tgt Ion:163 Resp: 94368
Ion Ratio Lower Upper
163 100
194 4.1 3.6 5.4
164 9.8 8.0 12.0



#51
2,6-Dinitrotoluene
Concen: 2.886 ng
RT: 13.893 min Scan# 1854
Delta R.T. -0.006 min
Lab File: BP021980.D
Acq: 23 Sep 2024 13:11

Tgt Ion:165 Resp: 18340
Ion Ratio Lower Upper
165 100
63 58.7 46.4 69.6
89 57.5 48.5 72.7

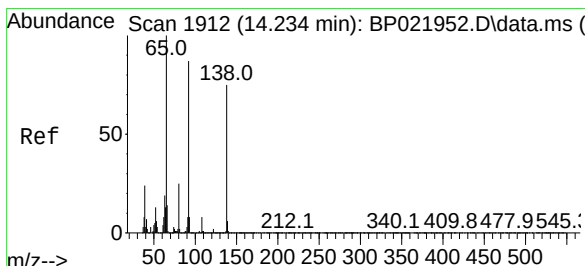
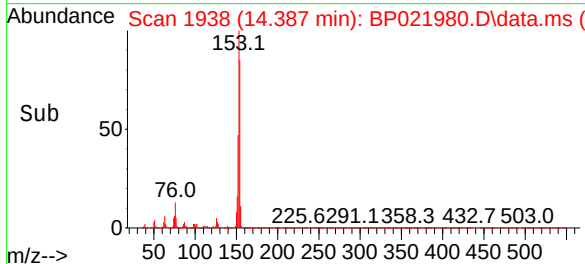
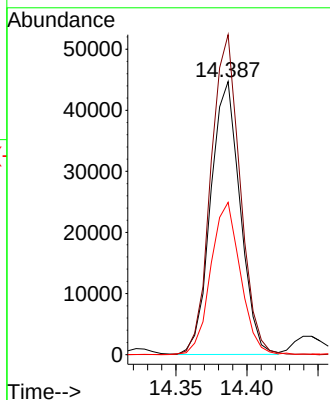
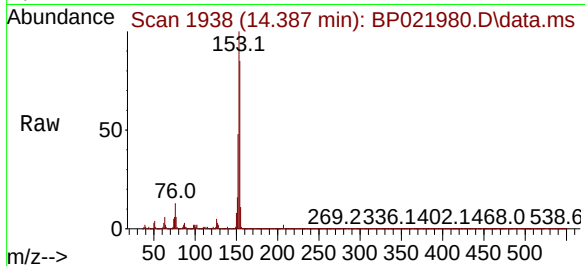




#52
Acenaphthene
Concen: 3.235 ng
RT: 14.387 min Scan# 1938
Delta R.T. -0.012 min
Lab File: BP021980.D
Acq: 23 Sep 2024 13:11

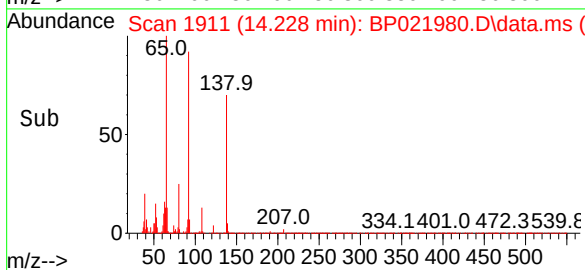
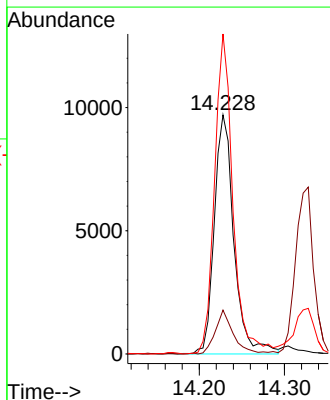
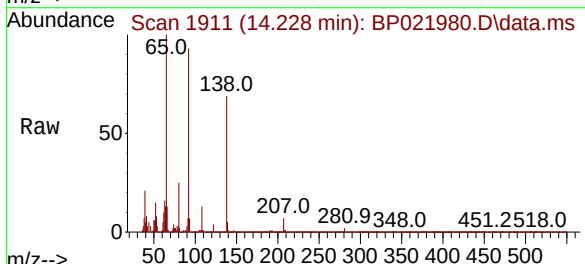
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT2-2024

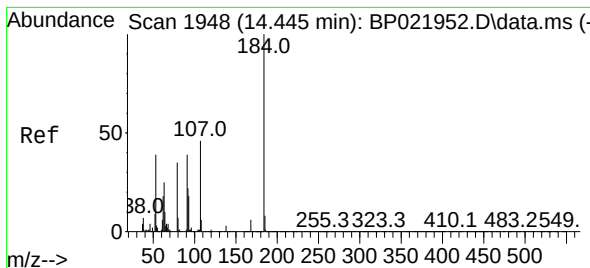
Tgt Ion:154 Resp: 64390
Ion Ratio Lower Upper
154 100
153 117.2 92.7 139.1
152 55.8 43.6 65.4



#53
3-Nitroaniline
Concen: 2.743 ng
RT: 14.228 min Scan# 1911
Delta R.T. -0.006 min
Lab File: BP021980.D
Acq: 23 Sep 2024 13:11

Tgt Ion:138 Resp: 15531
Ion Ratio Lower Upper
138 100
108 18.3 9.0 13.4#
92 133.8 92.8 139.2





#54

2,4-Dinitrophenol

Concen: 2.061 ng

RT: 14.445 min Scan# 1948

Delta R.T. 0.000 min

Lab File: BP021980.D

Acq: 23 Sep 2024 13:11

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2024

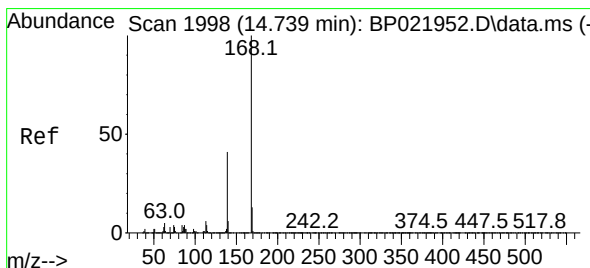
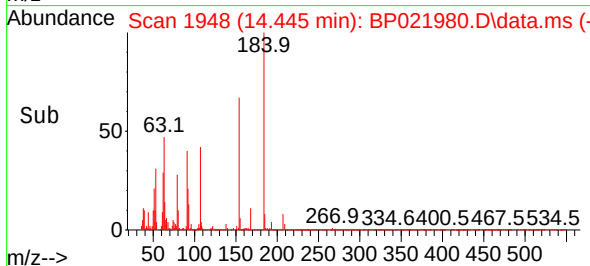
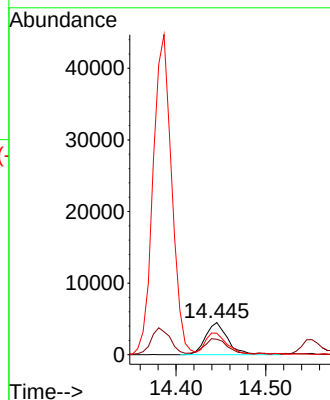
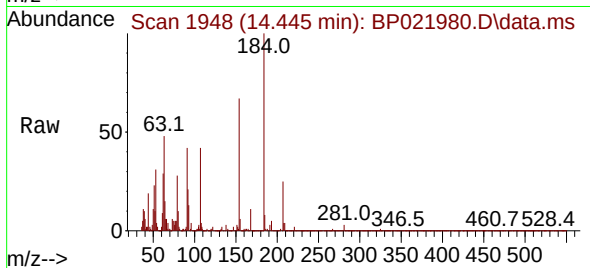
Tgt Ion:184 Resp: 7672

Ion Ratio Lower Upper

184 100

63 47.9 49.0 73.6#

154 67.0 58.1 87.1



#55

Dibenzofuran

Concen: 3.491 ng

RT: 14.728 min Scan# 1996

Delta R.T. -0.012 min

Lab File: BP021980.D

Acq: 23 Sep 2024 13:11

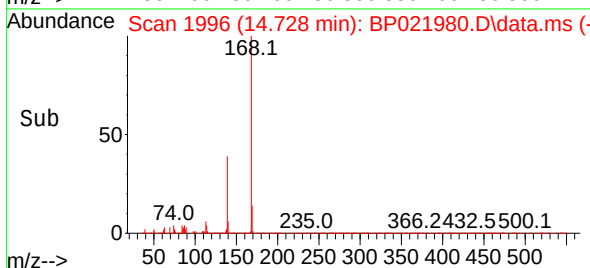
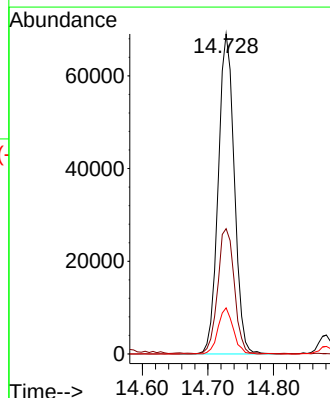
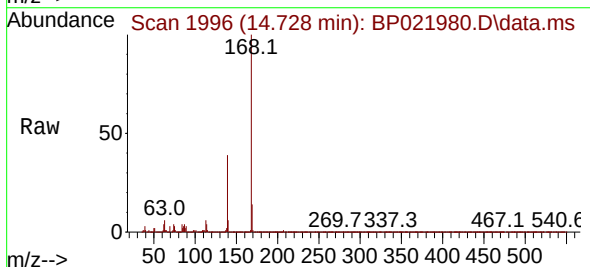
Tgt Ion:168 Resp: 116800

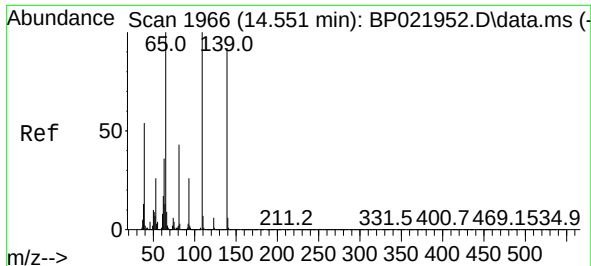
Ion Ratio Lower Upper

168 100

139 39.1 33.0 49.4

169 14.4 10.7 16.1





#56

4-Nitrophenol

Concen: 2.119 ng

RT: 14.551 min Scan# 1966

Delta R.T. 0.000 min

Lab File: BP021980.D

Acq: 23 Sep 2024 13:11

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2024

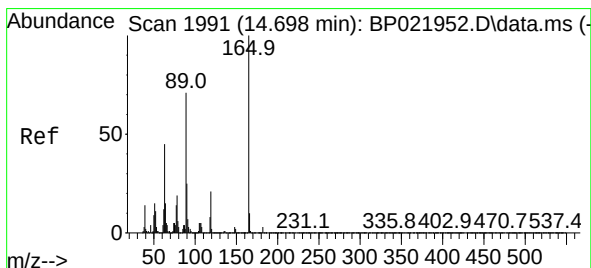
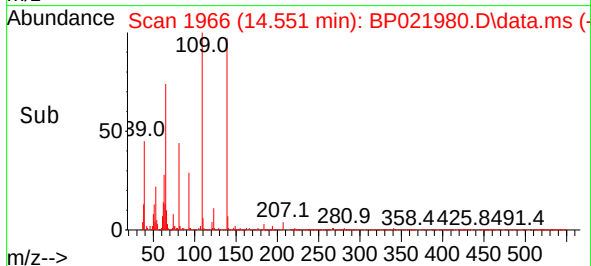
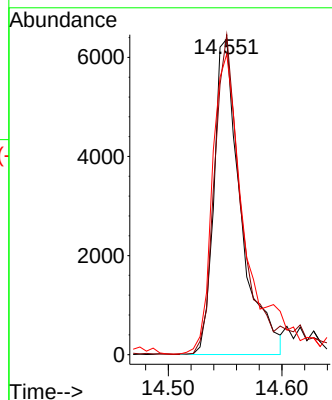
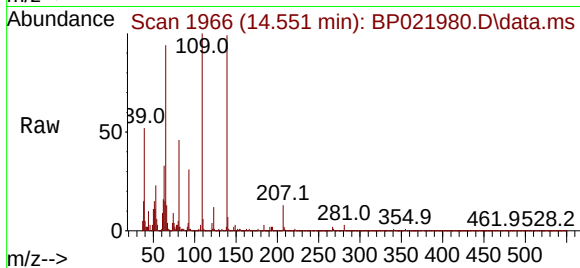
Tgt Ion:139 Resp: 10446

Ion Ratio Lower Upper

139 100

109 101.3 88.6 128.6

65 95.2 88.7 128.7



#57

2,4-Dinitrotoluene

Concen: 2.616 ng

RT: 14.693 min Scan# 1990

Delta R.T. -0.006 min

Lab File: BP021980.D

Acq: 23 Sep 2024 13:11

Tgt Ion:165 Resp: 23500

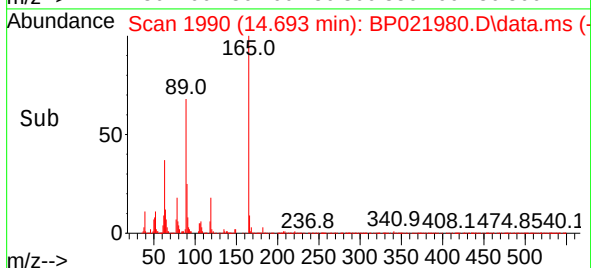
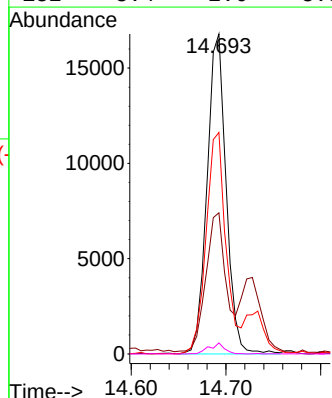
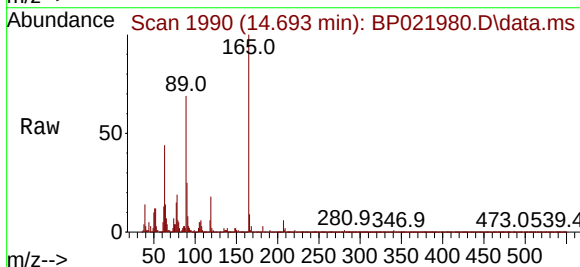
Ion Ratio Lower Upper

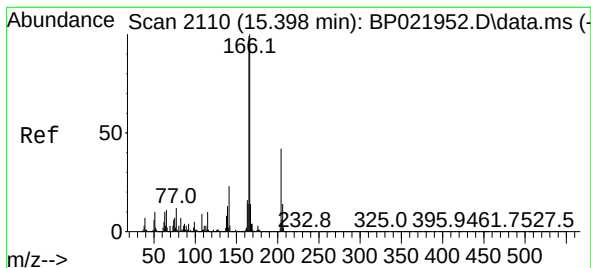
165 100

63 44.1 36.3 54.5

89 69.2 57.2 85.8

182 3.4 2.6 3.8





#58

Fluorene

Concen: 3.214 ng

RT: 15.387 min Scan# 2110

Delta R.T. -0.012 min

Lab File: BP021980.D

Acq: 23 Sep 2024 13:11

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2024

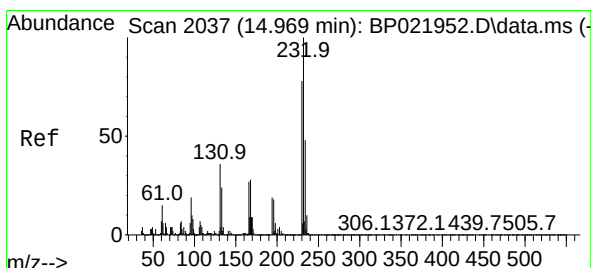
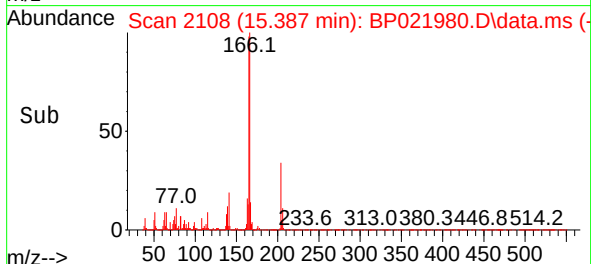
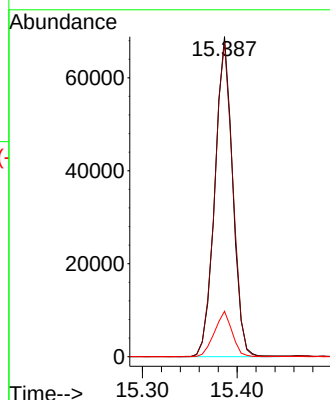
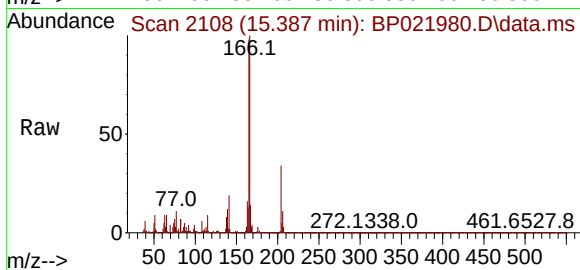
Tgt Ion:166 Resp: 89802

Ion Ratio Lower Upper

166 100

165 98.2 79.4 119.2

167 14.2 10.9 16.3



#59

2,3,4,6-Tetrachlorophenol

Concen: 3.100 ng

RT: 14.963 min Scan# 2036

Delta R.T. -0.006 min

Lab File: BP021980.D

Acq: 23 Sep 2024 13:11

Tgt Ion:232 Resp: 28335

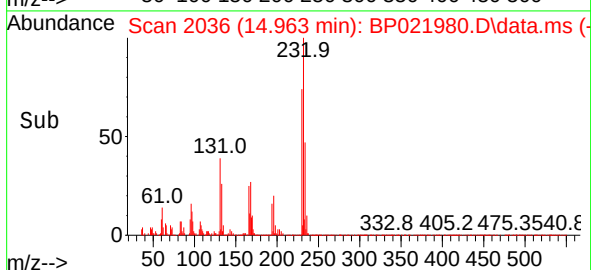
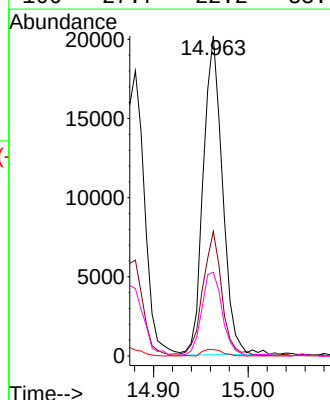
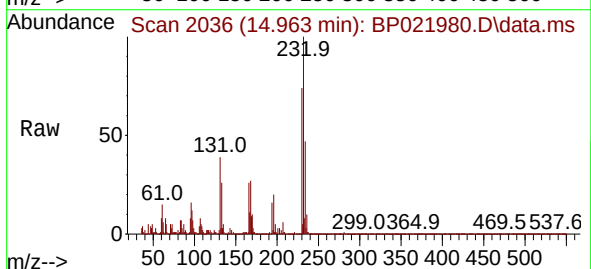
Ion Ratio Lower Upper

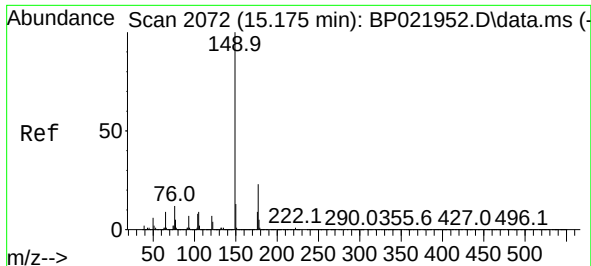
232 100

131 38.4 30.2 45.4

130 2.2 1.9 2.9

166 27.7 22.2 33.4





#60

Diethylphthalate

Concen: 3.244 ng

RT: 15.163 min Scan# 2072

Delta R.T. -0.012 min

Lab File: BP021980.D

Acq: 23 Sep 2024 13:11

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2024

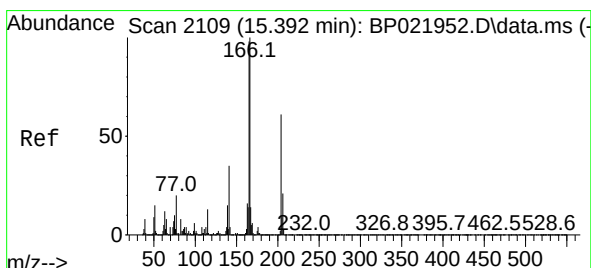
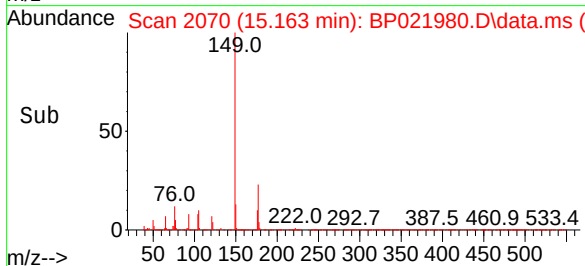
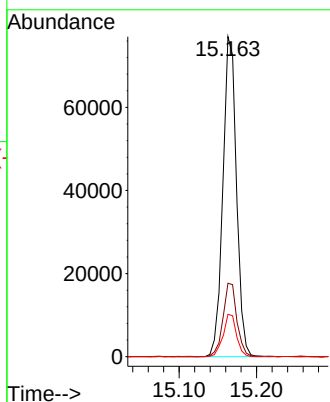
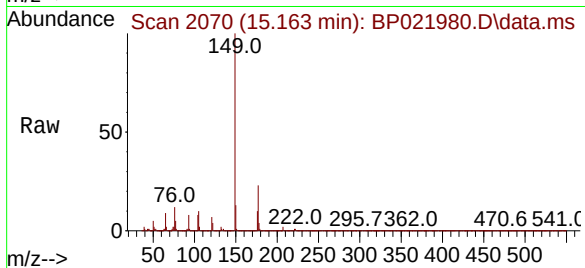
Tgt Ion:149 Resp: 94014

Ion Ratio Lower Upper

149 100

177 22.9 18.2 27.4

150 13.2 10.1 15.1



#61

4-Chlorophenyl-phenylether

Concen: 3.234 ng

RT: 15.375 min Scan# 2106

Delta R.T. -0.018 min

Lab File: BP021980.D

Acq: 23 Sep 2024 13:11

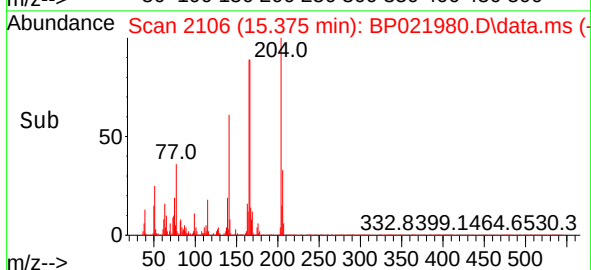
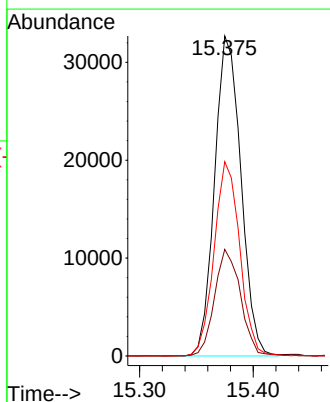
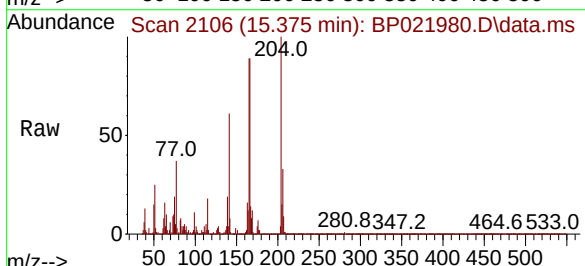
Tgt Ion:204 Resp: 52611

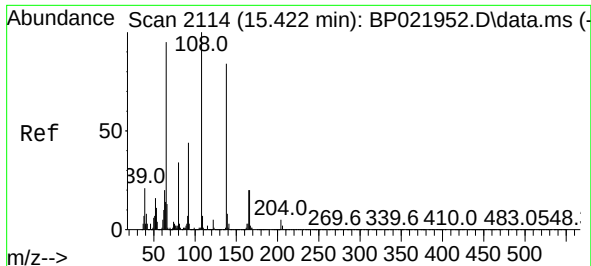
Ion Ratio Lower Upper

204 100

206 33.3 27.3 40.9

141 60.7 45.7 68.5

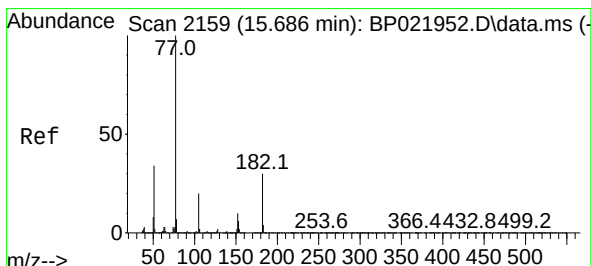
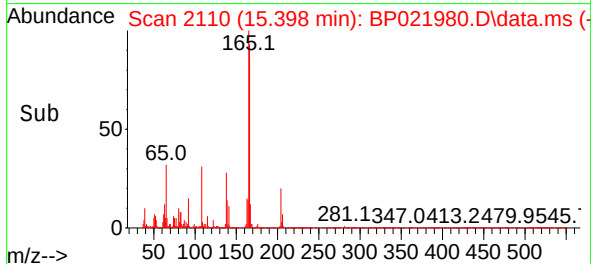
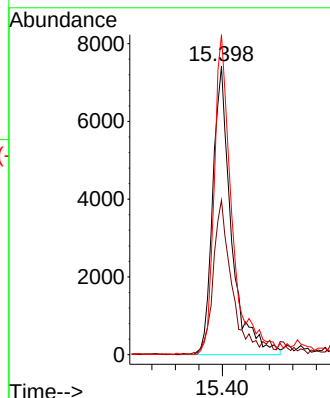
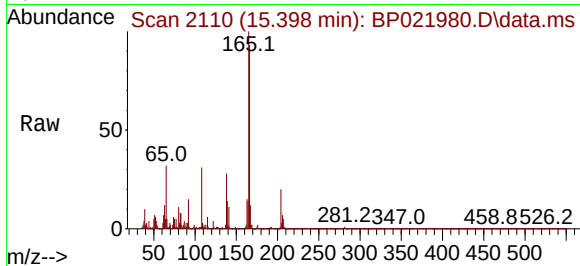




#62
4-Nitroaniline
Concen: 2.615 ng
RT: 15.398 min Scan# 2110
Delta R.T. -0.023 min
Lab File: BP021980.D
Acq: 23 Sep 2024 13:11

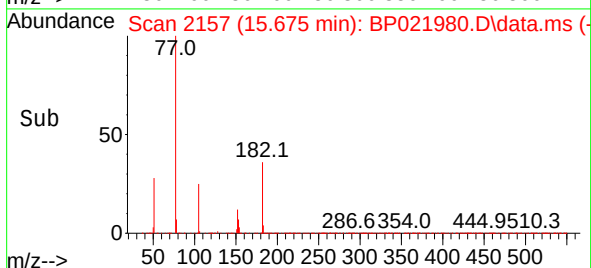
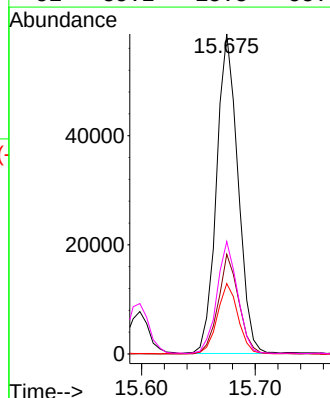
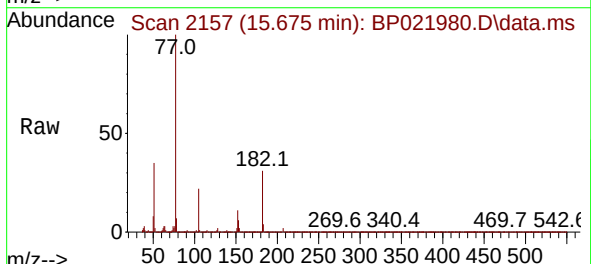
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2024

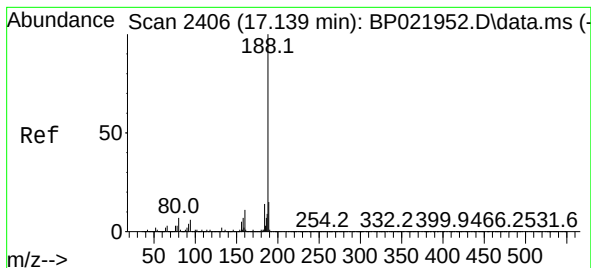
Tgt Ion:	138	Resp:	16286
Ion Ratio	Lower	Upper	
138	100		
92	53.6	32.6	72.6
108	110.9	98.6	138.6



#63
Azobenzene
Concen: 3.208 ng
RT: 15.675 min Scan# 2157
Delta R.T. -0.012 min
Lab File: BP021980.D
Acq: 23 Sep 2024 13:11

Tgt Ion:	77	Resp:	76937
Ion Ratio	Lower	Upper	
77	100		
182	31.2	9.6	49.6
105	22.0	0.0	39.8
51	35.2	13.8	53.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.122 min Scan# 2406

Delta R.T. -0.018 min

Lab File: BP021980.D

Acq: 23 Sep 2024 13:11

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2024

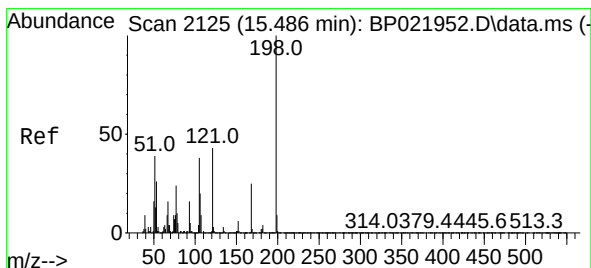
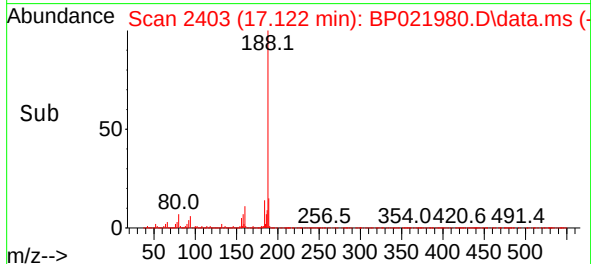
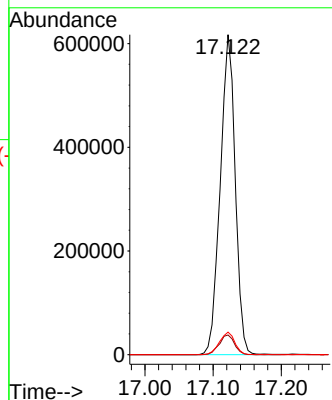
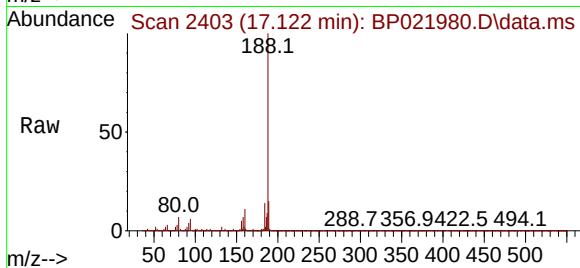
Tgt Ion:188 Resp: 945454

Ion Ratio Lower Upper

188 100

94 6.2 4.6 6.8

80 7.0 5.4 8.2



#65

4,6-Dinitro-2-methylphenol

Concen: 2.402 ng

RT: 15.475 min Scan# 2123

Delta R.T. -0.012 min

Lab File: BP021980.D

Acq: 23 Sep 2024 13:11

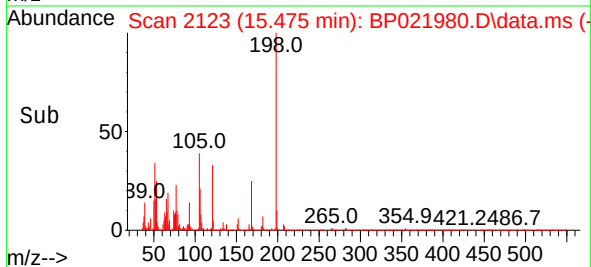
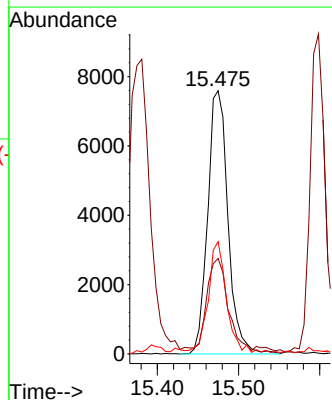
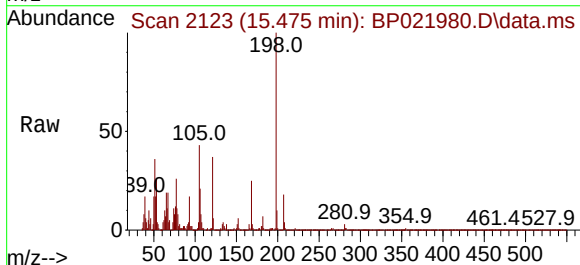
Tgt Ion:198 Resp: 13161

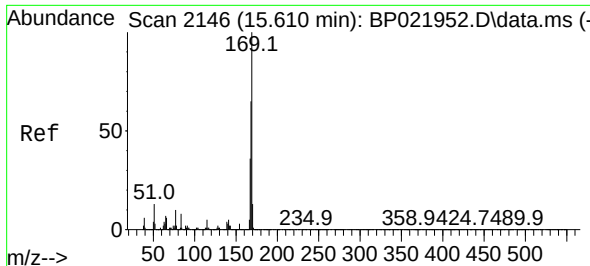
Ion Ratio Lower Upper

198 100

51 36.3 20.7 60.7

105 42.7 18.4 58.4

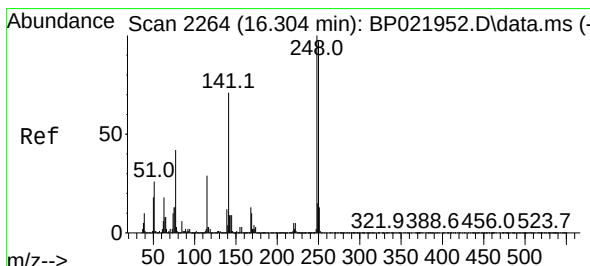
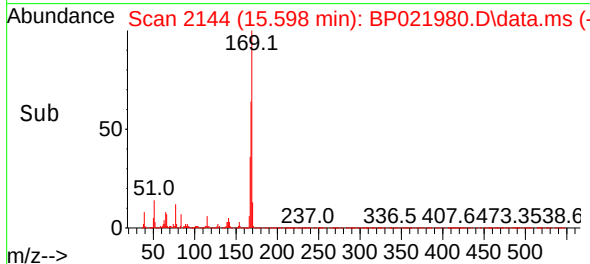
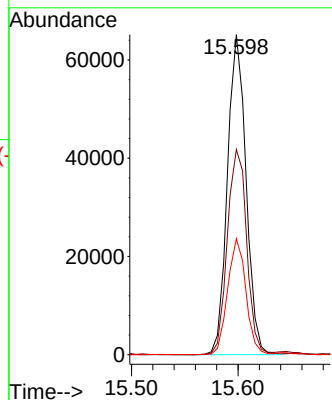
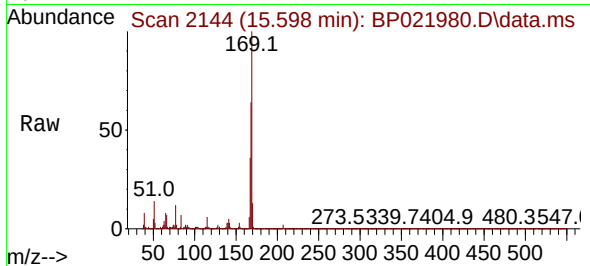




#66
n-Nitrosodiphenylamine
Concen: 3.358 ng
RT: 15.598 min Scan# 2144
Delta R.T. -0.012 min
Lab File: BP021980.D
Acq: 23 Sep 2024 13:11

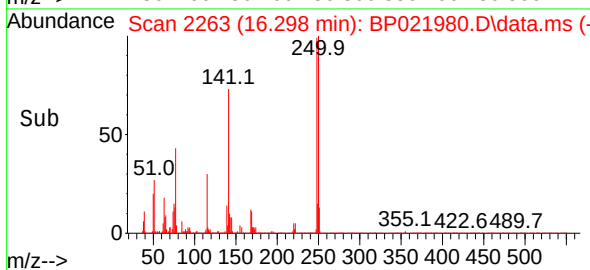
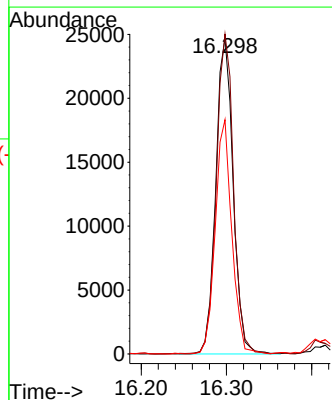
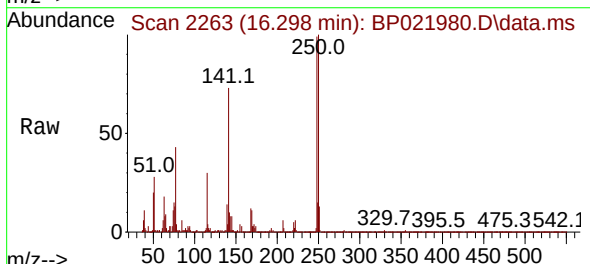
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT2-2024

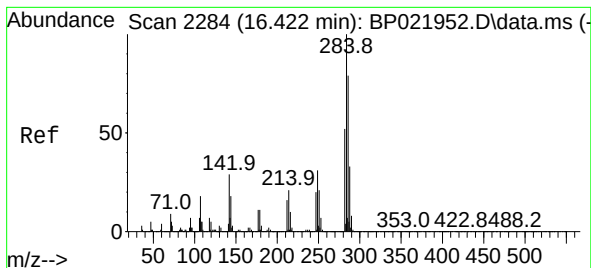
Tgt Ion	Ratio	Lower	Upper
169	100		
168	64.1	52.2	78.4
167	36.3	28.6	42.8



#67
4-Bromophenyl-phenylether
Concen: 3.169 ng
RT: 16.298 min Scan# 2263
Delta R.T. -0.006 min
Lab File: BP021980.D
Acq: 23 Sep 2024 13:11

Tgt Ion	Ratio	Lower	Upper
248	100		
250	101.3	77.5	116.3
141	74.1	56.5	84.7





#68

Hexachlorobenzene

Concen: 3.261 ng

RT: 16.410 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP021980.D

Acq: 23 Sep 2024 13:11

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2024

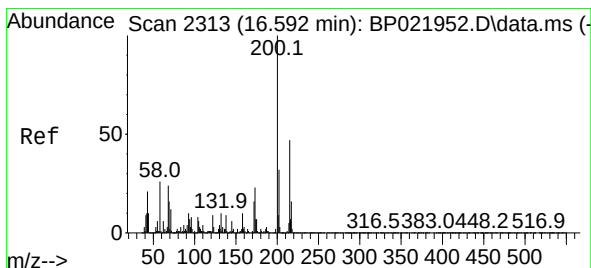
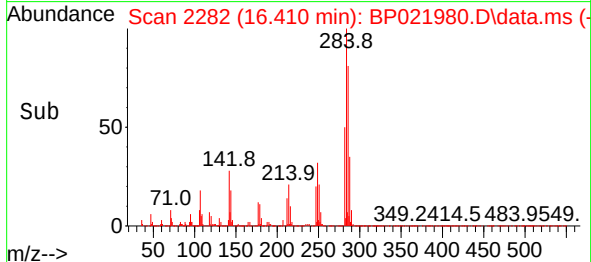
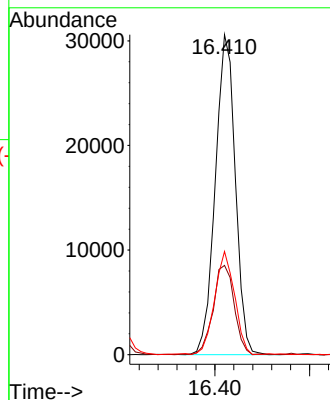
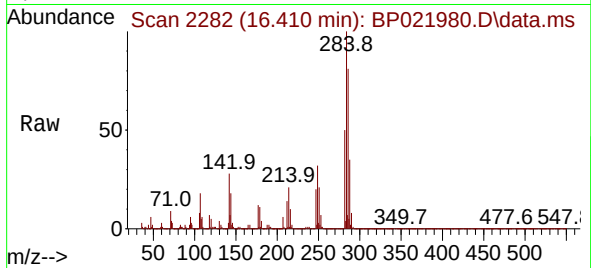
Tgt Ion:284 Resp: 44812

Ion Ratio Lower Upper

284 100

142 27.9 22.9 34.3

249 32.2 25.2 37.8



#69

Atrazine

Concen: 3.850 ng

RT: 16.575 min Scan# 2310

Delta R.T. -0.018 min

Lab File: BP021980.D

Acq: 23 Sep 2024 13:11

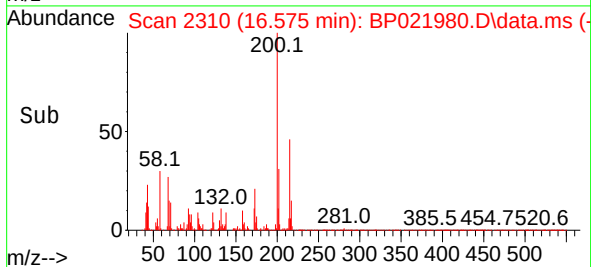
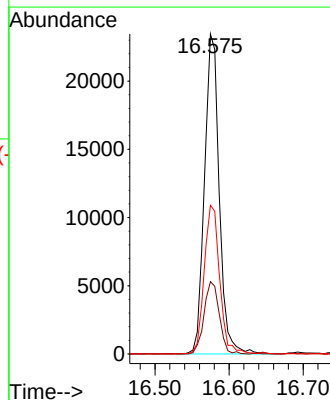
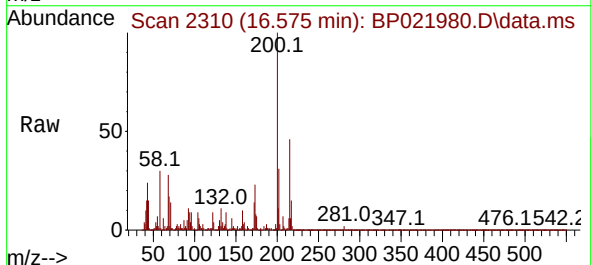
Tgt Ion:200 Resp: 32470

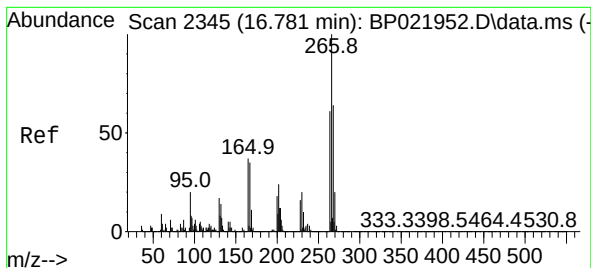
Ion Ratio Lower Upper

200 100

173 22.6 3.0 43.0

215 46.4 27.4 67.4





#70

Pentachlorophenol

Concen: 2.634 ng

RT: 16.763 min Scan# 2410

Delta R.T. -0.018 min

Lab File: BP021980.D

Acq: 23 Sep 2024 13:11

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2024

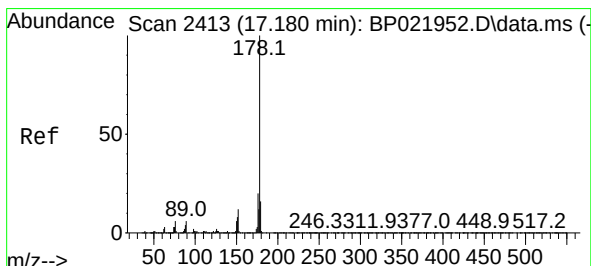
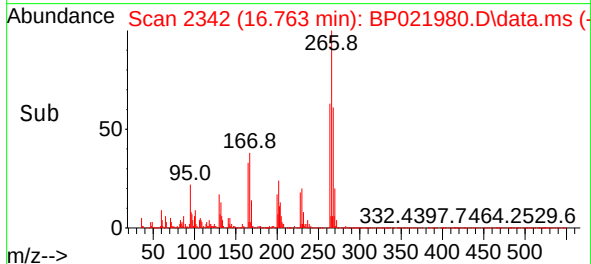
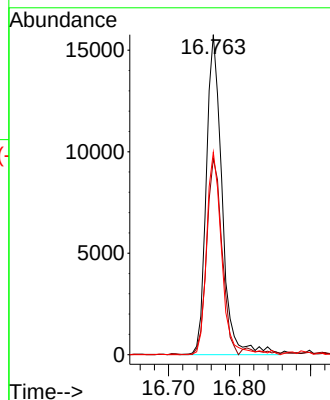
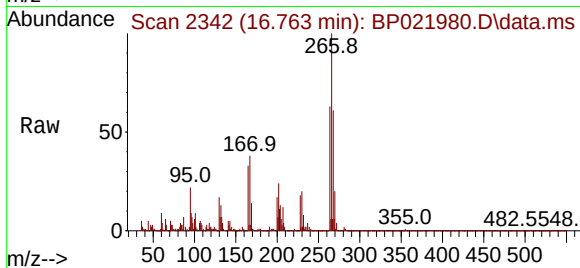
Tgt Ion:266 Resp: 24351

Ion Ratio Lower Upper

266 100

268 61.2 51.1 76.7

264 63.3 48.6 72.8



#71

Phenanthrene

Concen: 3.459 ng

RT: 17.163 min Scan# 2410

Delta R.T. -0.018 min

Lab File: BP021980.D

Acq: 23 Sep 2024 13:11

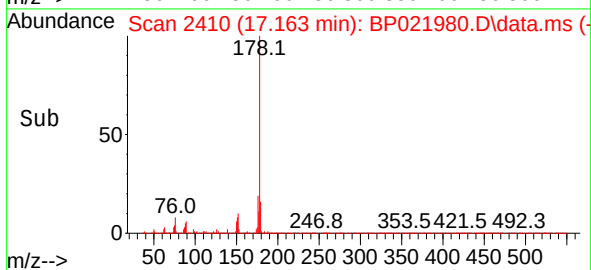
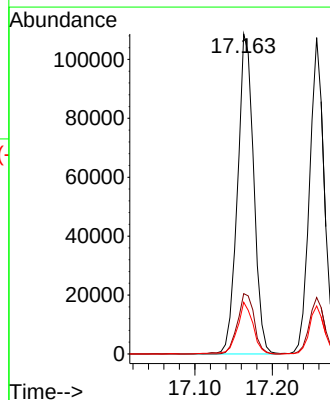
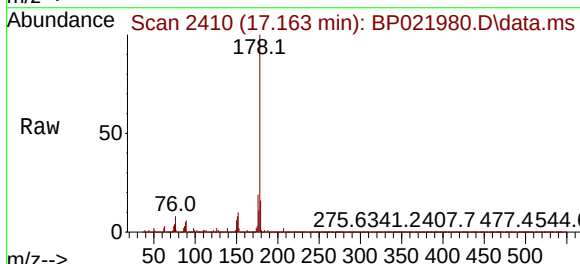
Tgt Ion:178 Resp: 156987

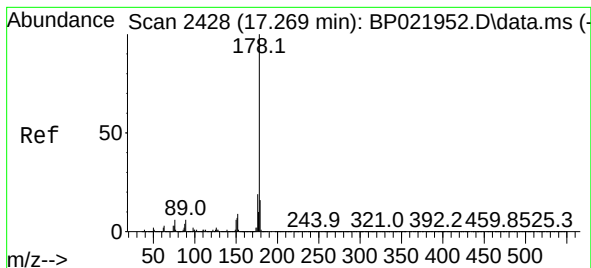
Ion Ratio Lower Upper

178 100

176 18.9 15.9 23.9

179 16.1 12.5 18.7





#72

Anthracene

Concen: 3.272 ng

RT: 17.257 min Scan# 2426

Delta R.T. -0.012 min

Lab File: BP021980.D

Acq: 23 Sep 2024 13:11

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2024

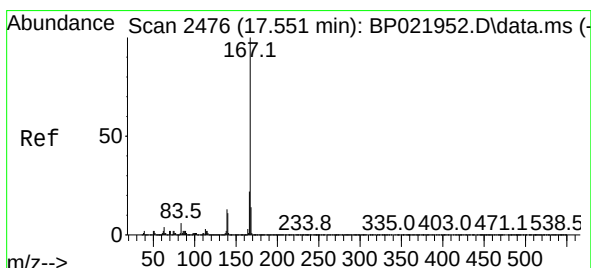
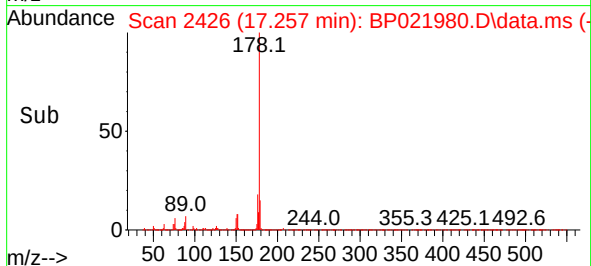
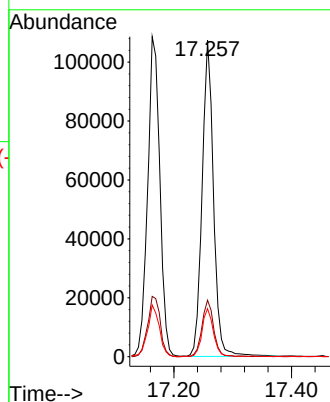
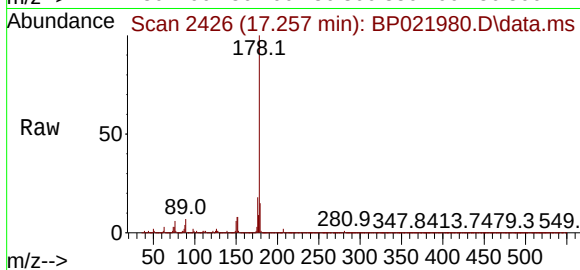
Tgt Ion:178 Resp: 143752

Ion Ratio Lower Upper

178 100

176 17.9 15.0 22.6

179 15.2 12.6 18.8



#73

Carbazole

Concen: 3.182 ng

RT: 17.534 min Scan# 2473

Delta R.T. -0.018 min

Lab File: BP021980.D

Acq: 23 Sep 2024 13:11

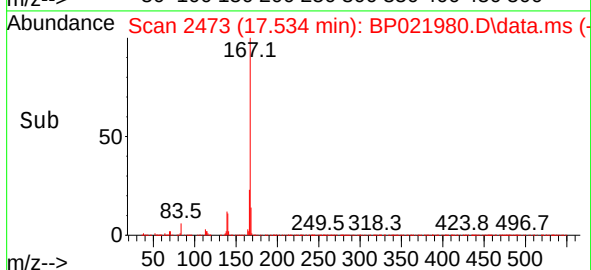
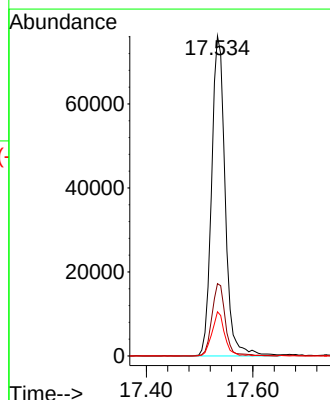
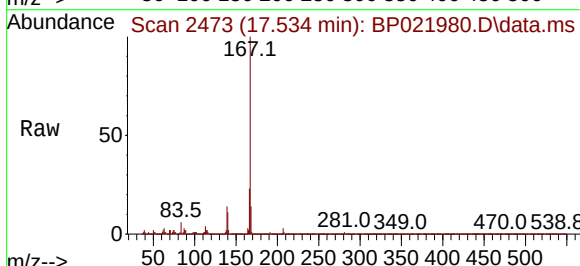
Tgt Ion:167 Resp: 135036

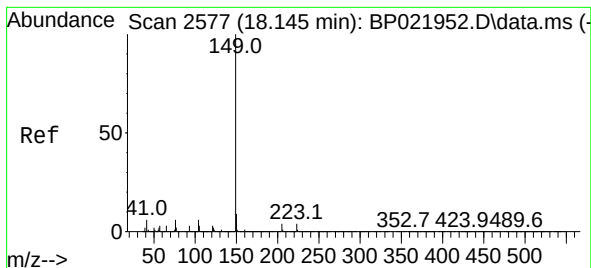
Ion Ratio Lower Upper

167 100

166 22.6 17.4 26.0

139 13.8 10.5 15.7





#74

Di-n-butylphthalate

Concen: 2.981 ng

RT: 18.128 min Scan# 2574

Delta R.T. -0.018 min

Lab File: BP021980.D

Acq: 23 Sep 2024 13:11

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2024

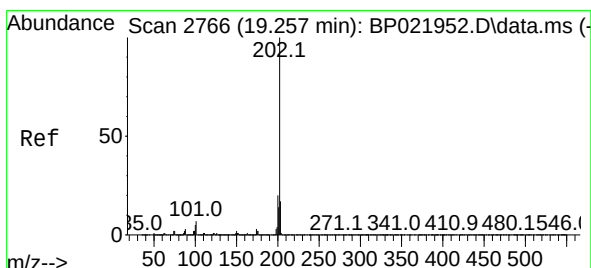
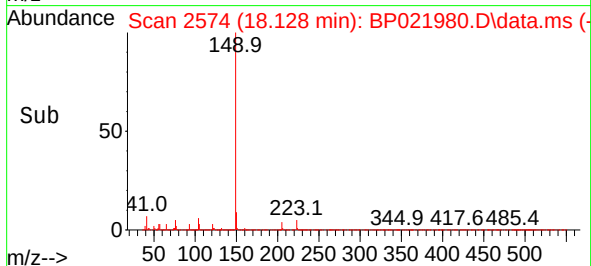
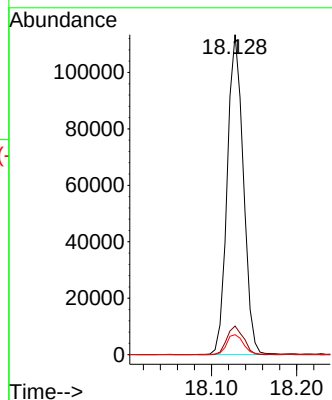
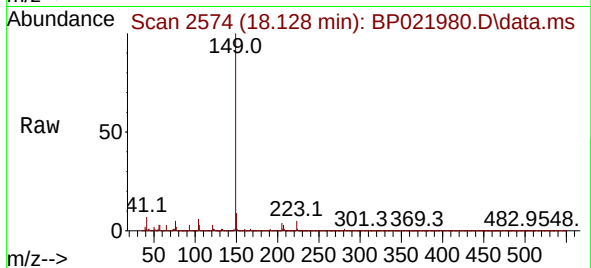
Tgt Ion:149 Resp: 148585

Ion Ratio Lower Upper

149 100

150 9.0 7.3 10.9

104 6.2 4.6 6.8



#75

Fluoranthene

Concen: 3.224 ng

RT: 19.251 min Scan# 2765

Delta R.T. -0.006 min

Lab File: BP021980.D

Acq: 23 Sep 2024 13:11

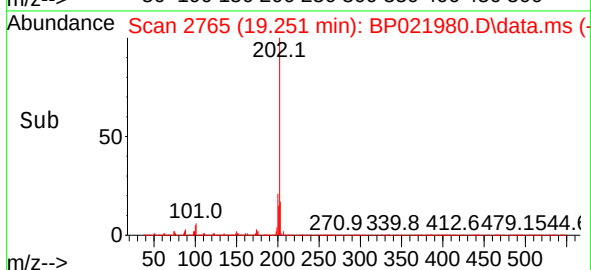
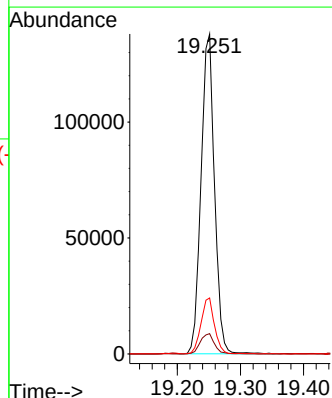
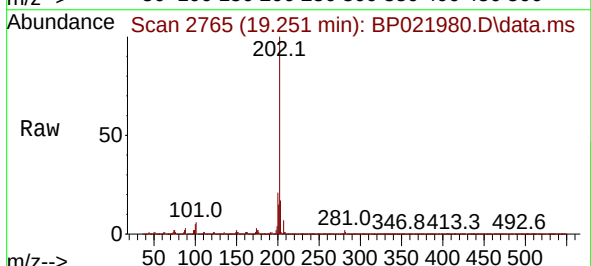
Tgt Ion:202 Resp: 204216

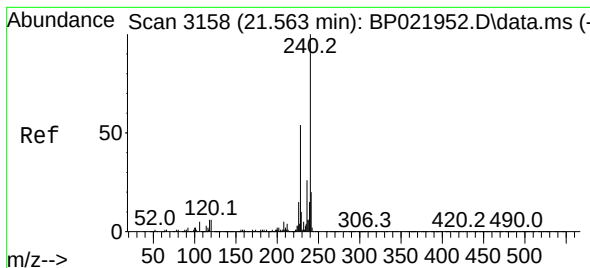
Ion Ratio Lower Upper

202 100

101 6.3 0.0 26.5

203 17.5 0.0 37.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.557 min Scan# 3157

Delta R.T. -0.006 min

Lab File: BP021980.D

Acq: 23 Sep 2024 13:11

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2024

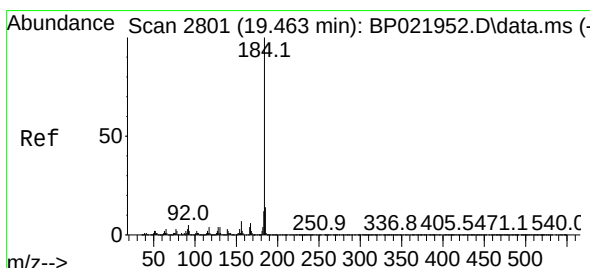
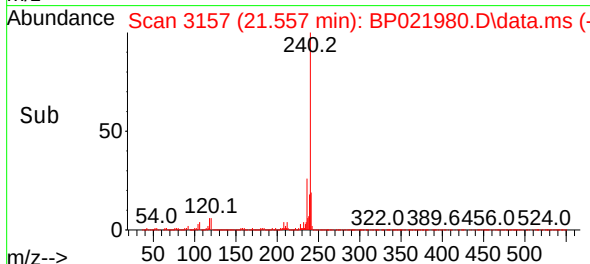
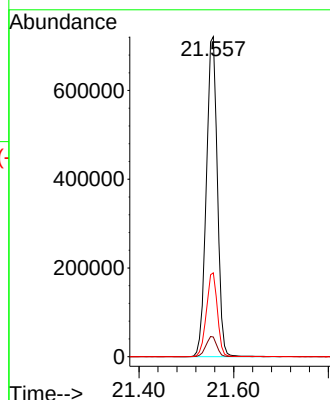
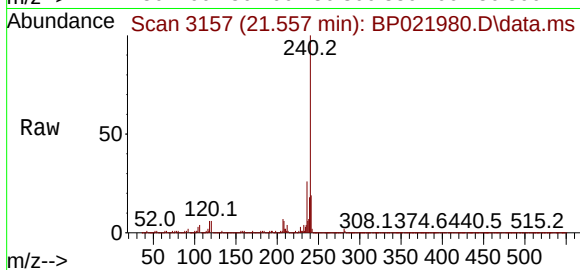
Tgt Ion:240 Resp: 1165068

Ion Ratio Lower Upper

240 100

120 6.1 5.1 7.7

236 26.2 20.7 31.1



#77

Benzidine

Concen: 4.577 ng

RT: 19.445 min Scan# 2798

Delta R.T. -0.018 min

Lab File: BP021980.D

Acq: 23 Sep 2024 13:11

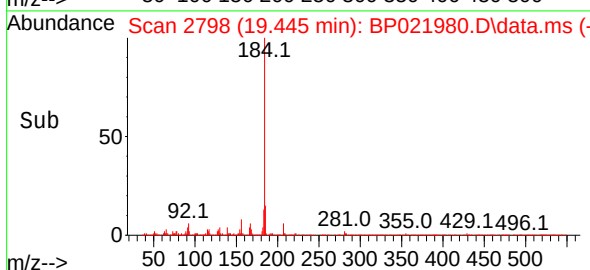
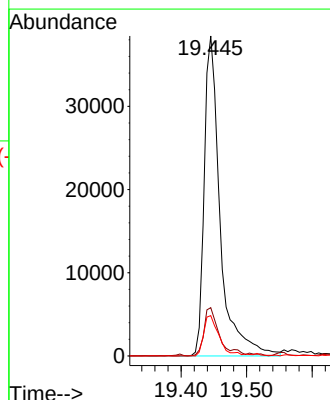
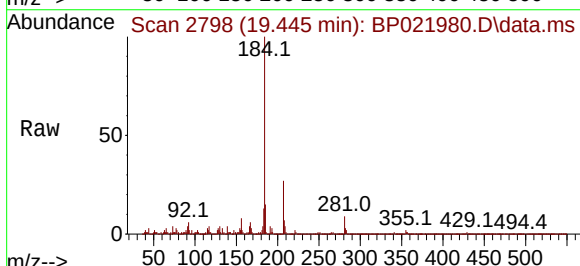
Tgt Ion:184 Resp: 65171

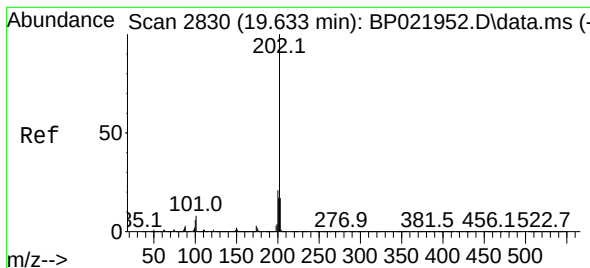
Ion Ratio Lower Upper

184 100

185 15.1 10.9 16.3

183 12.6 9.2 13.8





#78

Pyrene

Concen: 3.080 ng

RT: 19.622 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP021980.D

Acq: 23 Sep 2024 13:11

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2024

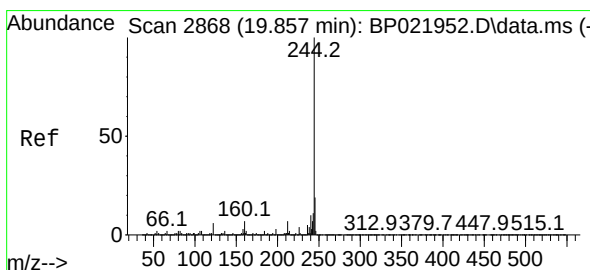
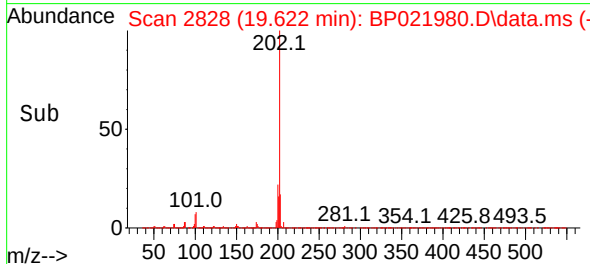
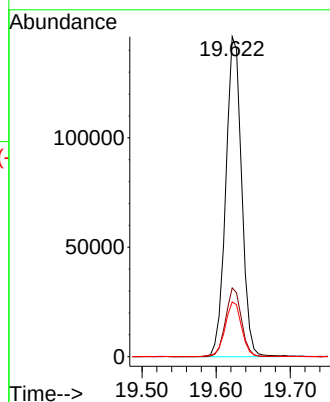
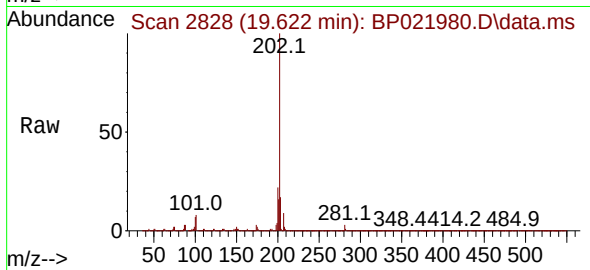
Tgt Ion:202 Resp: 217092

Ion Ratio Lower Upper

202 100

200 21.5 16.8 25.2

203 17.1 13.8 20.8



#79

Terphenyl-d14

Concen: 62.903 ng

RT: 19.845 min Scan# 2866

Delta R.T. -0.012 min

Lab File: BP021980.D

Acq: 23 Sep 2024 13:11

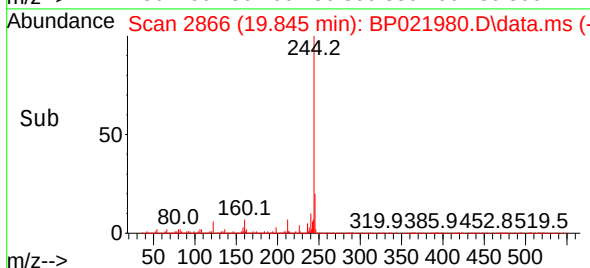
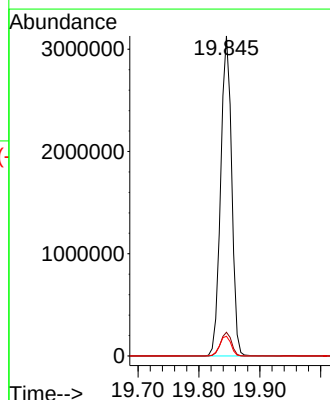
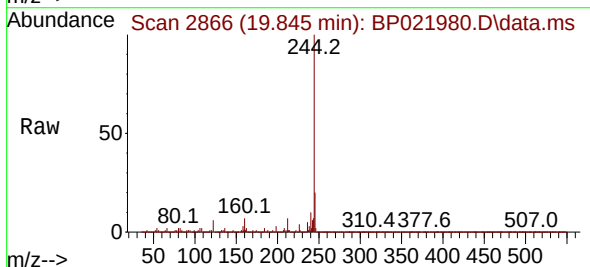
Tgt Ion:244 Resp: 3901338

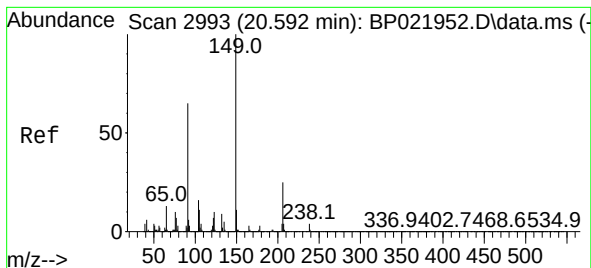
Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

122 6.1 5.0 7.4





#80

Butylbenzylphthalate

Concen: 2.855 ng

RT: 20.580 min Scan# 2991

Delta R.T. -0.012 min

Lab File: BP021980.D

Acq: 23 Sep 2024 13:11

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2024

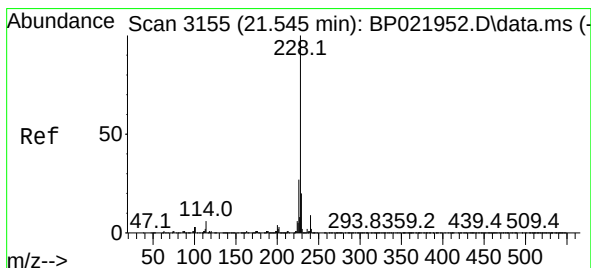
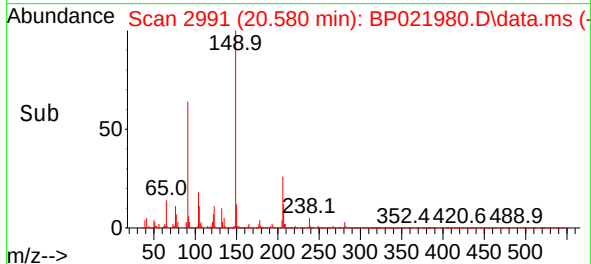
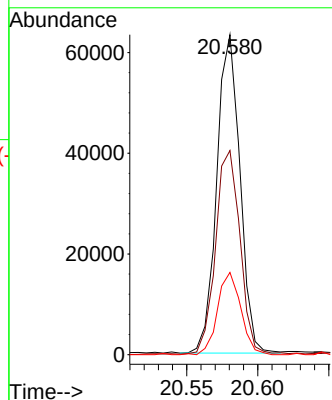
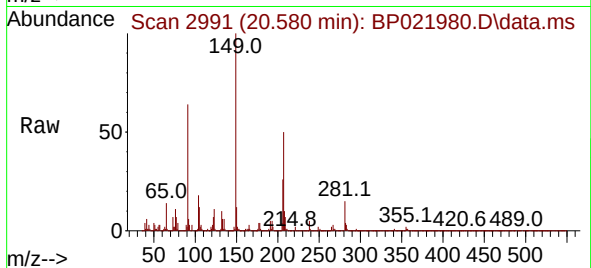
Tgt Ion:149 Resp: 71765

Ion Ratio Lower Upper

149 100

91 63.8 51.9 77.9

206 25.7 20.1 30.1



#81

Benzo(a)anthracene

Concen: 3.374 ng

RT: 21.533 min Scan# 3153

Delta R.T. -0.012 min

Lab File: BP021980.D

Acq: 23 Sep 2024 13:11

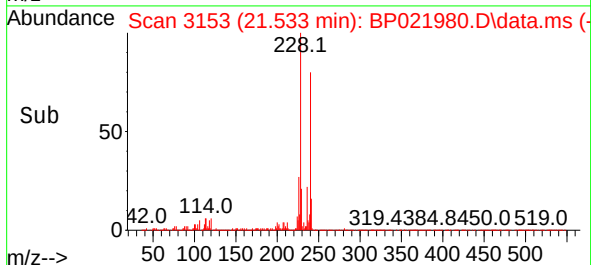
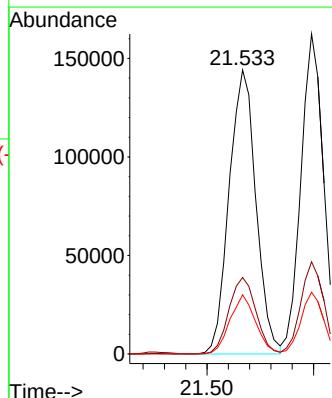
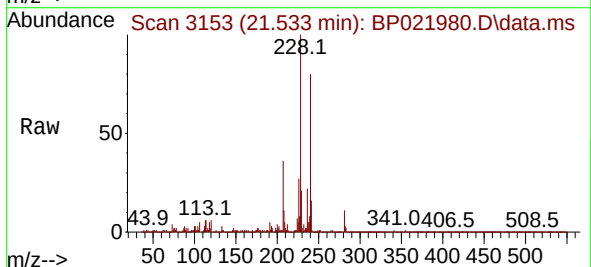
Tgt Ion:228 Resp: 252617

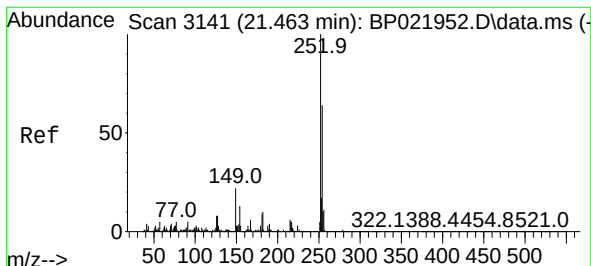
Ion Ratio Lower Upper

228 100

226 26.9 21.5 32.3

229 20.8 15.7 23.5





#82

3,3'-Dichlorobenzidine

Concen: 2.989 ng

RT: 21.451 min Scan# 3139

Delta R.T. -0.012 min

Lab File: BP021980.D

Acq: 23 Sep 2024 13:11

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2024

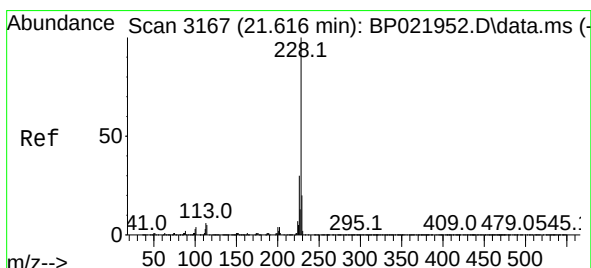
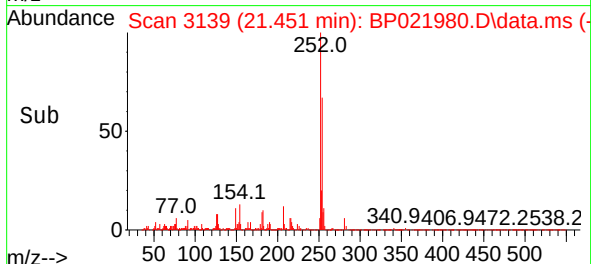
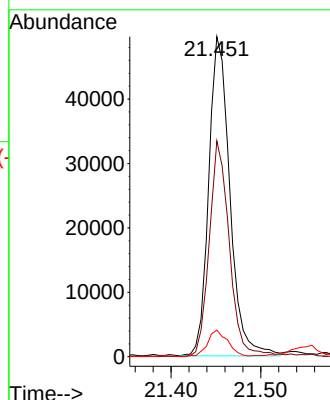
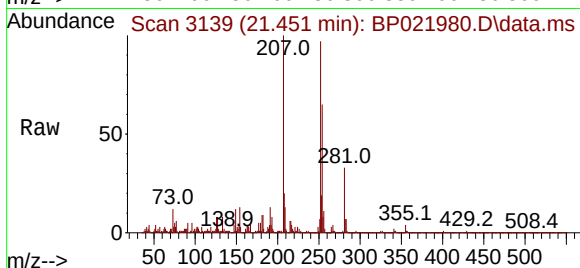
Tgt Ion:252 Resp: 81187

Ion Ratio Lower Upper

252 100

254 67.5 51.4 77.2

126 8.3 6.2 9.4



#83

Chrysene

Concen: 3.428 ng

RT: 21.598 min Scan# 3164

Delta R.T. -0.018 min

Lab File: BP021980.D

Acq: 23 Sep 2024 13:11

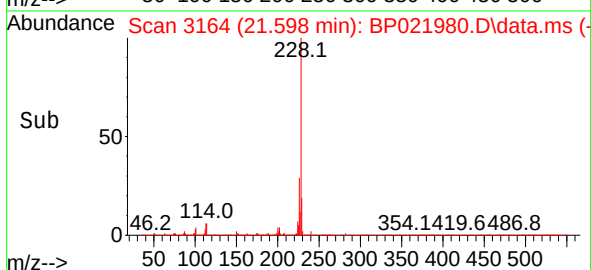
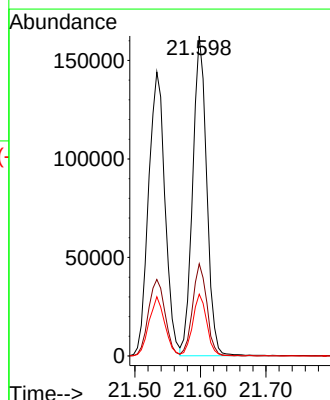
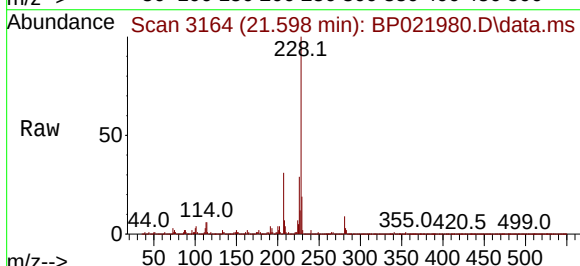
Tgt Ion:228 Resp: 241633

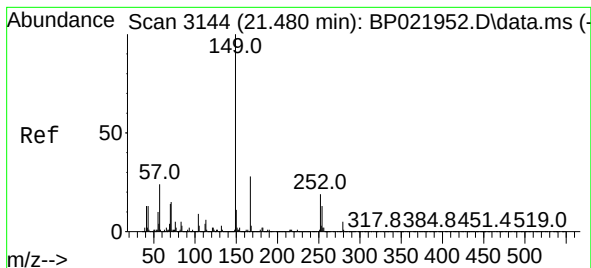
Ion Ratio Lower Upper

228 100

226 28.8 24.2 36.4

229 19.3 15.7 23.5





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.966 ng

RT: 21.469 min Scan# 3142

Delta R.T. -0.012 min

Lab File: BP021980.D

Acq: 23 Sep 2024 13:11

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2024

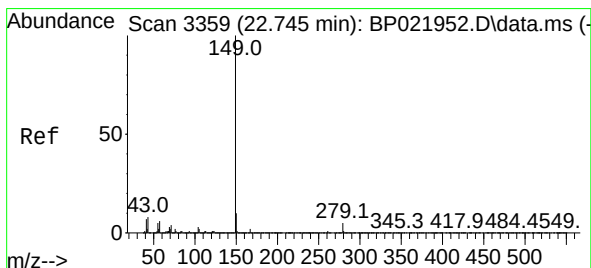
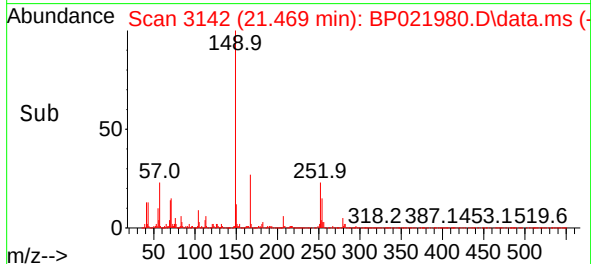
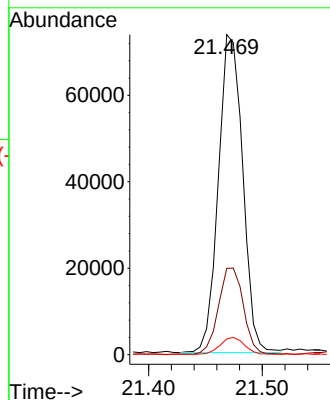
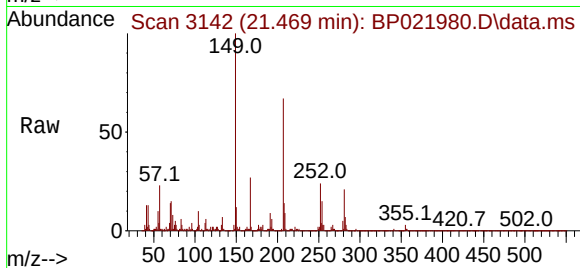
Tgt Ion:149 Resp: 109439

Ion Ratio Lower Upper

149 100

167 27.0 22.3 33.5

279 5.0 4.2 6.2



#85

Di-n-octyl phthalate

Concen: 2.700 ng

RT: 22.727 min Scan# 3356

Delta R.T. -0.018 min

Lab File: BP021980.D

Acq: 23 Sep 2024 13:11

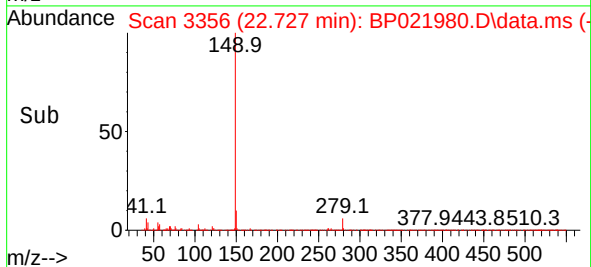
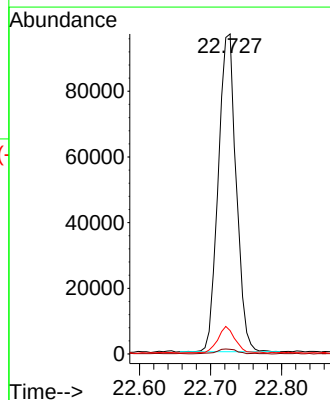
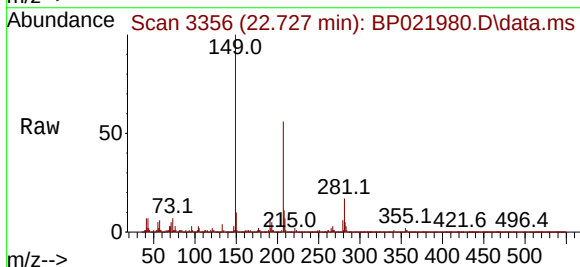
Tgt Ion:149 Resp: 169168

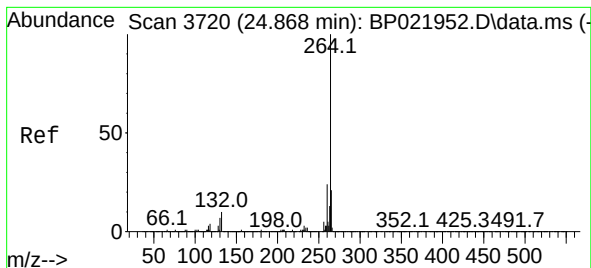
Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

43 8.5 6.2 9.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.845 min Scan# 31

Delta R.T. -0.023 min

Lab File: BP021980.D

Acq: 23 Sep 2024 13:11

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2024

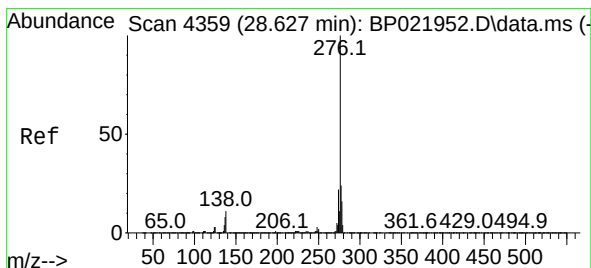
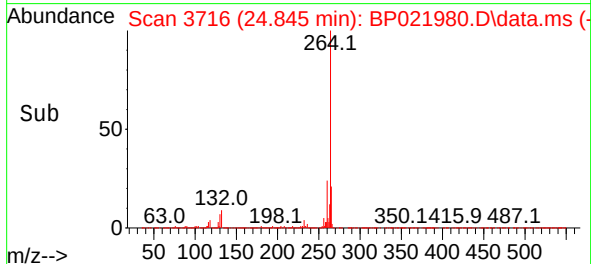
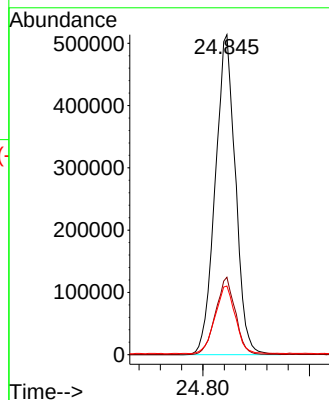
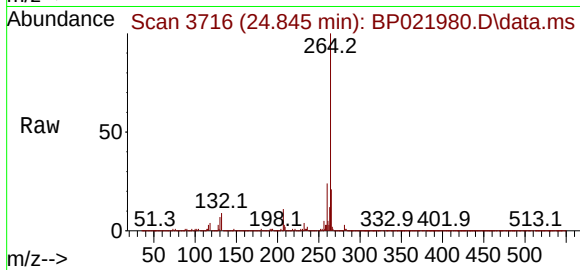
Tgt Ion:264 Resp: 1352715

Ion Ratio Lower Upper

264 100

260 24.2 18.9 28.3

265 21.4 17.5 26.3



#87

Indeno(1,2,3-cd)pyrene

Concen: 3.340 ng

RT: 28.562 min Scan# 4348

Delta R.T. -0.065 min

Lab File: BP021980.D

Acq: 23 Sep 2024 13:11

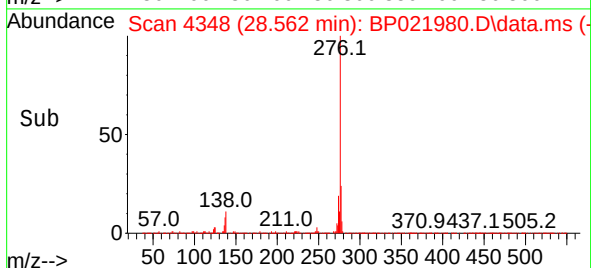
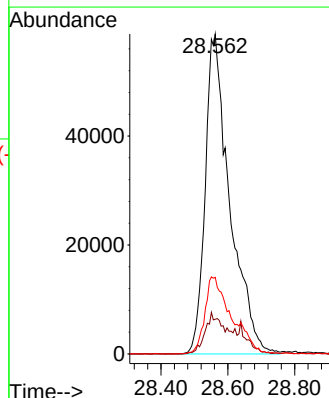
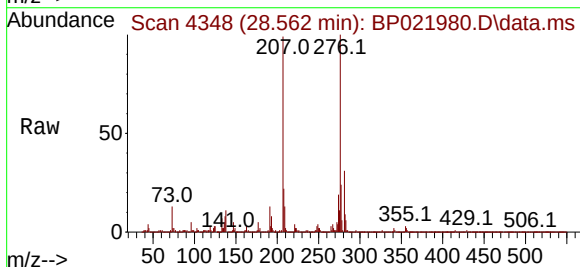
Tgt Ion:276 Resp: 300513

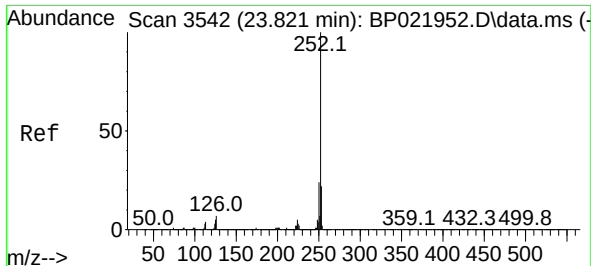
Ion Ratio Lower Upper

276 100

138 11.5 7.8 11.8

277 26.1 20.5 30.7

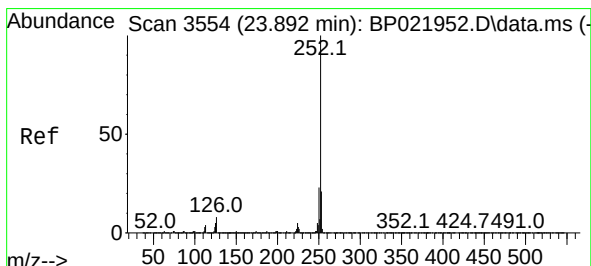
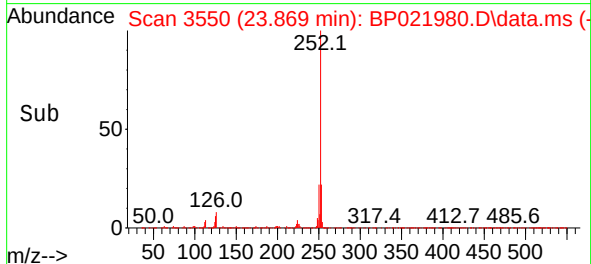
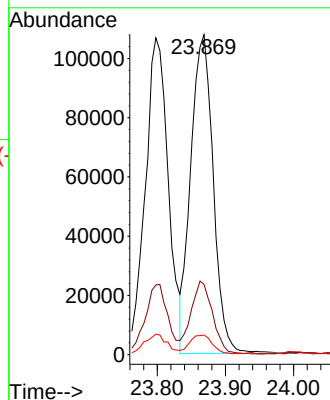
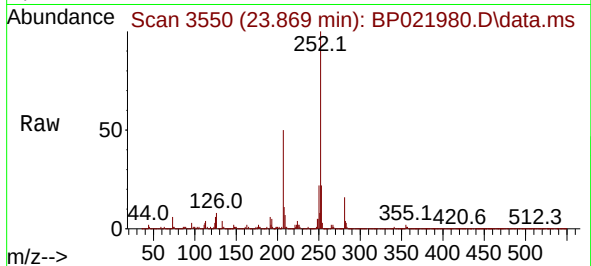




#88
Benzo(b)fluoranthene
Concen: 3.085 ng
RT: 23.869 min Scan# 3550
Delta R.T. 0.047 min
Lab File: BP021980.D
Acq: 23 Sep 2024 13:11

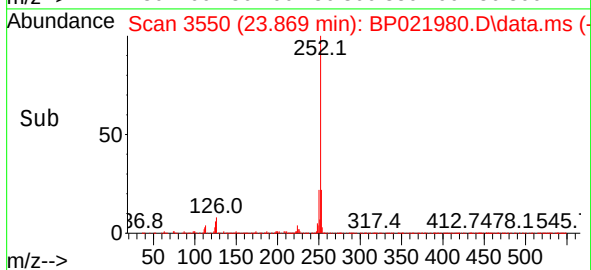
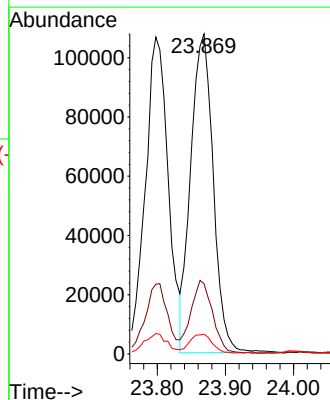
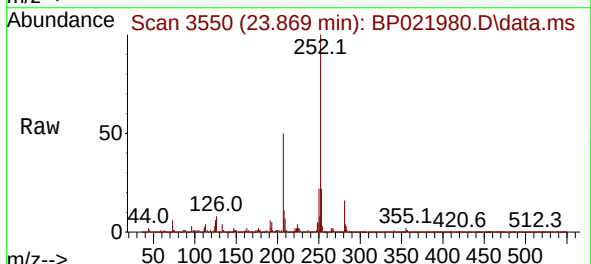
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2024

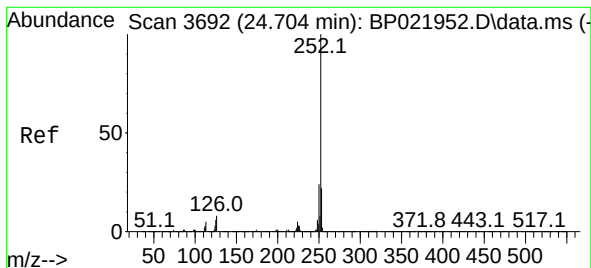
Tgt Ion:252 Resp: 246777
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 6.2 4.2 6.2



#89
Benzo(k)fluoranthene
Concen: 3.260 ng
RT: 23.869 min Scan# 3550
Delta R.T. -0.023 min
Lab File: BP021980.D
Acq: 23 Sep 2024 13:11

Tgt Ion:252 Resp: 246777
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.6
125 6.2 4.3 6.5





#90

Benzo(a)pyrene

Concen: 3.279 ng

RT: 24.680 min Scan# 3

Delta R.T. -0.023 min

Lab File: BP021980.D

Acq: 23 Sep 2024 13:11

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2024

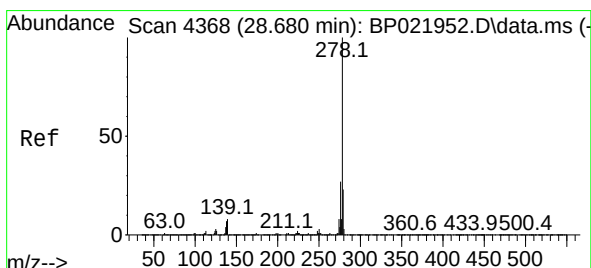
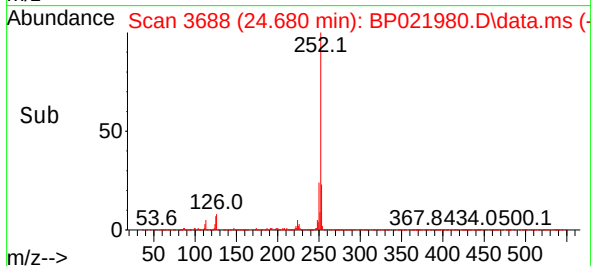
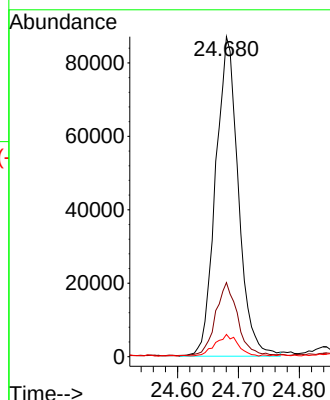
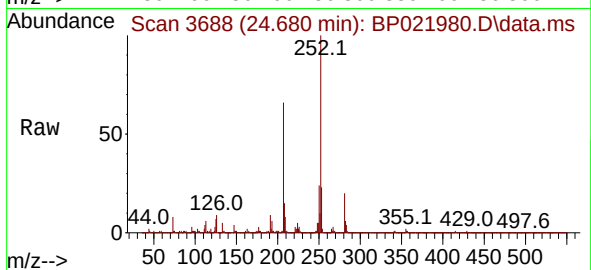
Tgt Ion:252 Resp: 226007

Ion Ratio Lower Upper

252 100

253 23.2 17.6 26.4

125 7.0 5.0 7.6



#91

Dibenzo(a,h)anthracene

Concen: 3.352 ng

RT: 28.633 min Scan# 4360

Delta R.T. -0.047 min

Lab File: BP021980.D

Acq: 23 Sep 2024 13:11

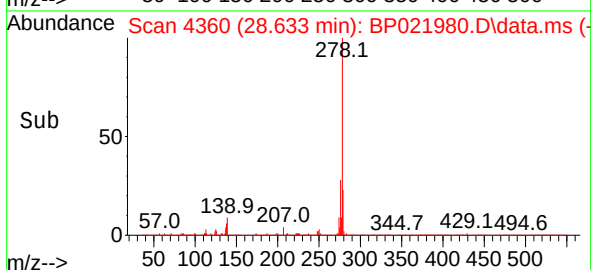
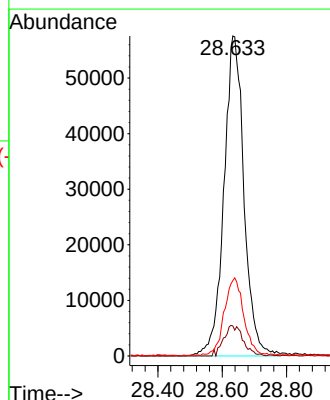
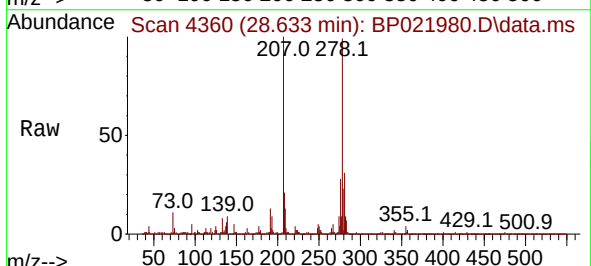
Tgt Ion:278 Resp: 248918

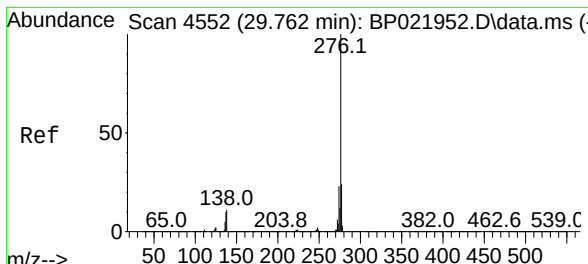
Ion Ratio Lower Upper

278 100

139 9.4 6.6 10.0

279 23.5 18.8 28.2





#92
 Benzo(g,h,i)perylene
 Concen: 3.065 ng
 RT: 29.715 min Scan# 4544
 Delta R.T. -0.047 min
 Lab File: BP021980.D
 Acq: 23 Sep 2024 13:11

Instrument : BNA_P
 ClientSampleId : MDL-WATER-03-QT2-2024

Tgt Ion: 276 Resp: 233090

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.3	28.9
138	12.8	9.2	13.8

