

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081524\
 Data File : BP021511.D
 Acq On : 15 Aug 2024 12:43
 Operator : RC/JU
 Sample : P3390-09
 Misc : MDL-MDL-WATER-4ng
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-03-QT3-2024

Quant Time: Aug 15 13:10:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 14 00:00:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	356883	20.000	ng	0.00
21) Naphthalene-d8	10.593	136	1465998	20.000	ng	0.00
39) Acenaphthene-d10	14.440	164	971108	20.000	ng	-0.02
64) Phenanthrene-d10	17.233	188	2174560	20.000	ng	-0.02
76) Chrysene-d12	21.680	240	2274673	20.000	ng	-0.02
86) Perylene-d12	25.092	264	2564034	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	3244026	134.972	ng	0.00
7) Phenol-d6	6.963	99	4561248	130.094	ng	0.00
23) Nitrobenzene-d5	8.952	82	2837922	99.918	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	1493952	138.226	ng	-0.02
45) 2-Fluorobiphenyl	13.057	172	5533381	86.961	ng	0.00
79) Terphenyl-d14	19.957	244	9287362	79.321	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.322	88	51324	4.504	ng	98
3) Pyridine	3.711	79	115687	3.636	ng	98
4) n-Nitrosodimethylamine	3.622	42	40021	4.185	ng	# 96
6) Aniline	7.128	93	163891	4.676	ng	96
8) 2-Chlorophenol	7.369	128	94409	4.251	ng	94
9) Benzaldehyde	6.946	77	122748	5.468	ng	97
10) Phenol	6.987	94	152860	4.210	ng	95
11) bis(2-Chloroethyl)ether	7.228	93	126188	4.107	ng	99
12) 1,3-Dichlorobenzene	7.699	146	108603	4.116	ng	99
13) 1,4-Dichlorobenzene	7.840	146	110263	4.139	ng	98
14) 1,2-Dichlorobenzene	8.158	146	104975	4.089	ng	97
15) Benzyl Alcohol	8.034	79	101017	4.016	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.322	45	121282	4.287	ng	99
17) 2-Methylphenol	8.234	107	88670	3.863	ng	98
18) Hexachloroethane	8.887	117	43288	4.052	ng	93
19) n-Nitroso-di-n-propyla...	8.599	70	94220	3.890	ng	97
20) 3+4-Methylphenols	8.557	107	117727	3.804	ng	96
22) Acetophenone	8.616	105	192681	4.278	ng	# 98
24) Nitrobenzene	8.987	77	145706	4.723	ng	98
25) Isophorone	9.516	82	266157	3.967	ng	99
26) 2-Nitrophenol	9.699	139	22162	4.964	ng	90
27) 2,4-Dimethylphenol	9.757	122	61970	3.742	ng	98
28) bis(2-Chloroethoxy)met...	9.999	93	167270	4.084	ng	98
29) 2,4-Dichlorophenol	10.234	162	70970	3.627	ng	95
30) 1,2,4-Trichlorobenzene	10.457	180	104018	4.147	ng	95
31) Naphthalene	10.646	128	320154	4.180	ng	99
32) Benzoic acid	9.757	122	61970	10.761	ng	# 10
33) 4-Chloroaniline	10.740	127	120813	4.200	ng	97
34) Hexachlorobutadiene	10.946	225	60512	3.831	ng	100
35) Caprolactam	11.475	113	30519	3.748	ng	88
36) 4-Chloro-3-methylphenol	11.863	107	100954	3.720	ng	94
37) 2-Methylnaphthalene	12.257	142	207291	3.966	ng	98
38) 1-Methylnaphthalene	12.475	142	198475	3.850	ng	97
40) 1,2,4,5-Tetrachloroben...	12.628	216	119827	4.211	ng	99
41) Hexachlorocyclopentadiene	12.616	237	32596	3.615	ng	97
43) 2,4,6-Trichlorophenol	12.857	196	54002	3.417	ng	97

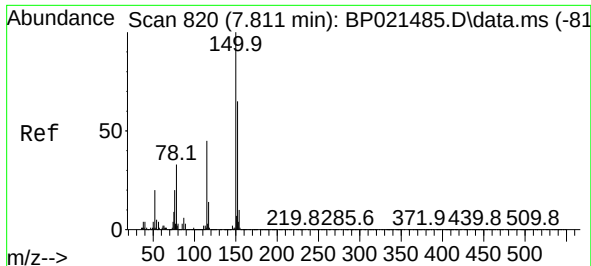
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081524\
 Data File : BP021511.D
 Acq On : 15 Aug 2024 12:43
 Operator : RC/JU
 Sample : P3390-09
 Misc : MDL-MDL-WATER-4ng
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-03-QT3-2024

Quant Time: Aug 15 13:10:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 14 00:00:30 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.928	196	62713	3.571	ng	97
46) 1,1'-Biphenyl	13.269	154	294433	4.285	ng	99
47) 2-Chloronaphthalene	13.310	162	219014	4.094	ng	99
48) 2-Nitroaniline	13.498	65	44742	7.812	ng	96
49) Acenaphthylene	14.157	152	338005	4.298	ng	99
50) Dimethylphthalate	13.893	163	276541	4.252	ng	99
51) 2,6-Dinitrotoluene	13.998	165	38659	6.687	ng	# 82
52) Acenaphthene	14.504	154	208323	4.038	ng	98
53) 3-Nitroaniline	14.328	138	40975	6.883	ng	# 87
54) 2,4-Dinitrophenol	14.534	184	9479	6.206	ng	# 79
55) Dibenzofuran	14.839	168	344284	4.338	ng	100
56) 4-Nitrophenol	14.628	139	30096	7.692	ng	92
57) 2,4-Dinitrotoluene	14.792	165	41412	7.244	ng	95
58) Fluorene	15.504	166	276327	4.238	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.069	232	54261	3.640	ng	96
60) Diethylphthalate	15.275	149	271350	4.067	ng	99
61) 4-Chlorophenyl-phenyle...	15.498	204	141278	4.192	ng	99
62) 4-Nitroaniline	15.498	138	42542	5.947	ng	# 79
63) Azobenzene	15.798	77	348885	4.253	ng	98
65) 4,6-Dinitro-2-methylph...	15.569	198	14162	7.352	ng	90
66) n-Nitrosodiphenylamine	15.710	169	232508	3.990	ng	99
67) 4-Bromophenyl-phenylether	16.410	248	80032	3.477	ng	99
68) Hexachlorobenzene	16.528	284	106403	3.912	ng	97
69) Atrazine	16.686	200	81306	4.064	ng	100
70) Pentachlorophenol	16.875	266	41045	2.765	ng	96
71) Phenanthrene	17.275	178	453059	4.332	ng	100
72) Anthracene	17.369	178	419961	4.095	ng	99
73) Carbazole	17.639	167	401758	4.065	ng	98
74) Di-n-butylphthalate	18.251	149	419758	3.458	ng	99
75) Fluoranthene	19.357	202	513652	4.003	ng	100
77) Benzidine	19.545	184	159632	6.883	ng	100
78) Pyrene	19.733	202	558440	3.756	ng	100
80) Butylbenzylphthalate	20.686	149	126141	5.670	ng	94
81) Benzo(a)anthracene	21.663	228	587967	4.118	ng	99
82) 3,3'-Dichlorobenzidine	21.580	252	167908	3.667	ng	99
83) Chrysene	21.733	228	550631	4.084	ng	100
84) Bis(2-ethylhexyl)phtha...	21.627	149	253922	3.009	ng	100
85) Di-n-octyl phthalate	22.939	149	312488	6.732	ng	# 95
87) Indeno(1,2,3-cd)pyrene	28.927	276	502754	3.025	ng	95
88) Benzo(b)fluoranthene	24.004	252	544280	3.696	ng	99
89) Benzo(k)fluoranthene	24.080	252	546052	3.801	ng	98
90) Benzo(a)pyrene	24.921	252	482964	3.779	ng	99
91) Dibenzo(a,h)anthracene	29.027	278	512650	3.712	ng	99
92) Benzo(g,h,i)perylene	30.121	276	502111	3.628	ng	98

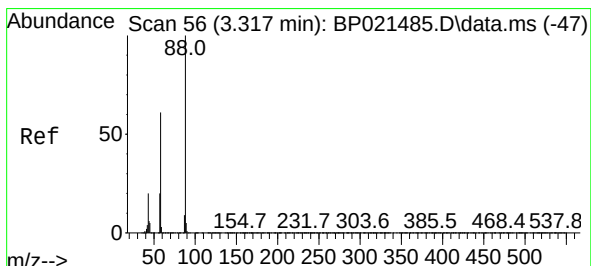
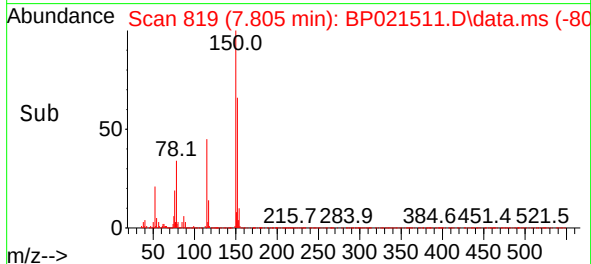
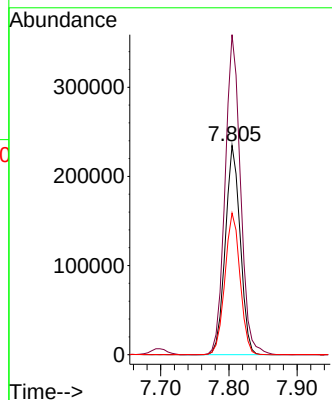
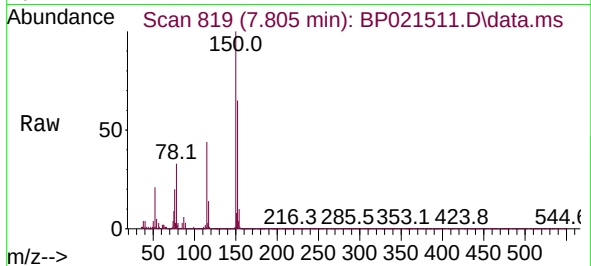
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.805 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP021511.D
Acq: 15 Aug 2024 12:43

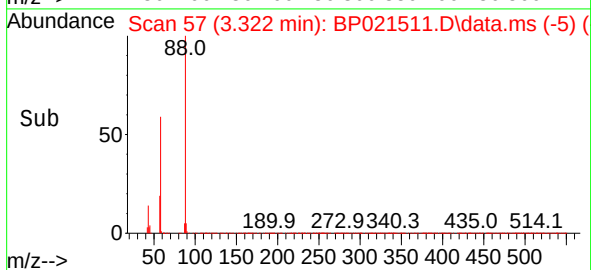
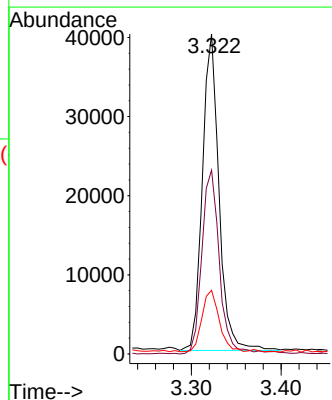
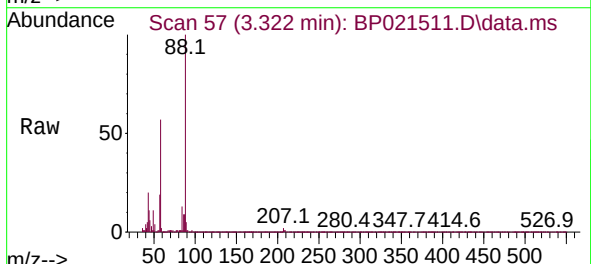
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT3-2024

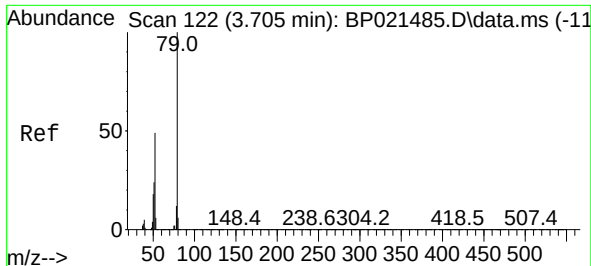
Tgt Ion:152 Resp: 356883
Ion Ratio Lower Upper
152 100
150 153.0 122.4 183.6
115 67.7 54.7 82.1



#2
1,4-Dioxane
Concen: 4.504 ng
RT: 3.322 min Scan# 57
Delta R.T. 0.006 min
Lab File: BP021511.D
Acq: 15 Aug 2024 12:43

Tgt Ion: 88 Resp: 51324
Ion Ratio Lower Upper
88 100
58 62.1 48.7 73.1
43 20.1 15.4 23.2





#3

Pyridine

Concen: 3.636 ng

RT: 3.711 min Scan# 11

Delta R.T. 0.006 min

Lab File: BP021511.D

Acq: 15 Aug 2024 12:43

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT3-2024

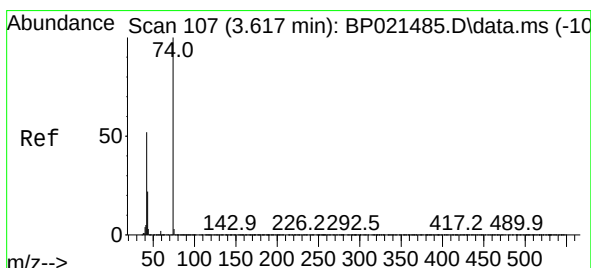
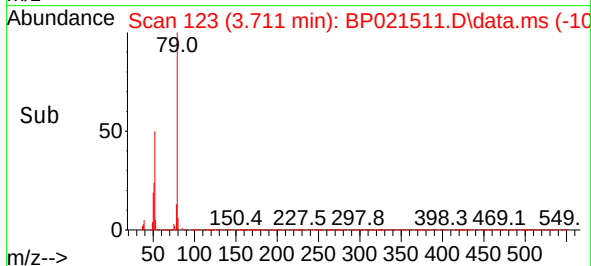
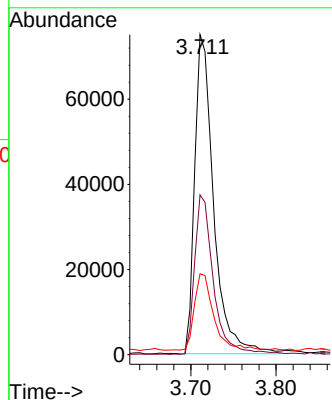
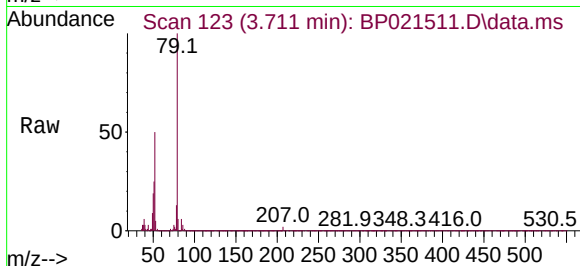
Tgt Ion: 79 Resp: 115687

Ion Ratio Lower Upper

79 100

52 49.9 39.0 58.6

51 25.3 19.2 28.8



#4

n-Nitrosodimethylamine

Concen: 4.185 ng

RT: 3.622 min Scan# 108

Delta R.T. 0.006 min

Lab File: BP021511.D

Acq: 15 Aug 2024 12:43

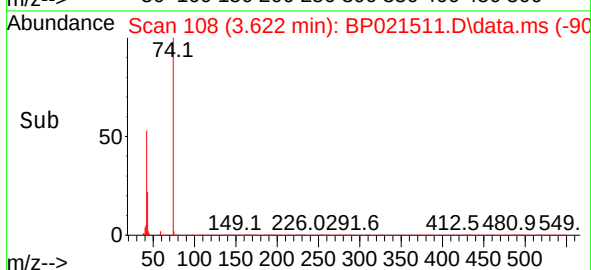
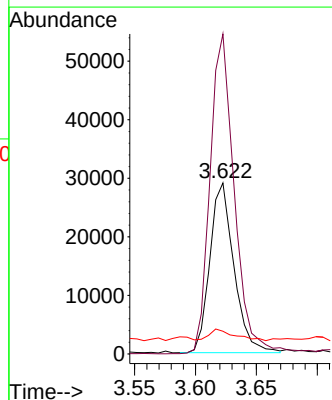
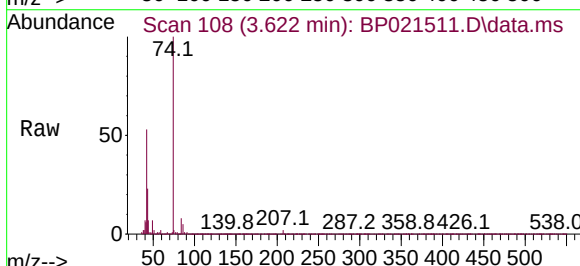
Tgt Ion: 42 Resp: 40021

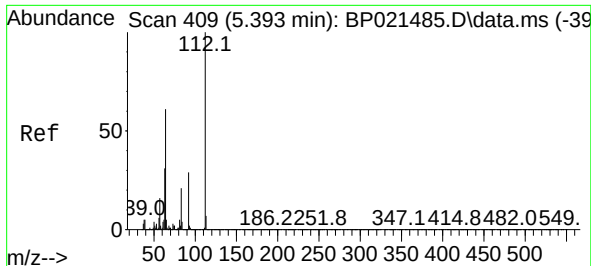
Ion Ratio Lower Upper

42 100

74 187.1 154.3 231.5

44 13.3 6.2 9.4#





#5

2-Fluorophenol

Concen: 134.972 ng

RT: 5.399 min Scan# 410

Delta R.T. 0.006 min

Lab File: BP021511.D

Acq: 15 Aug 2024 12:43

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT3-2024

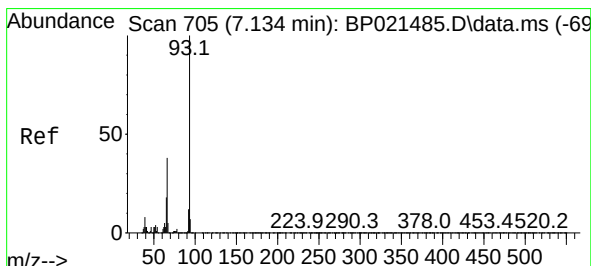
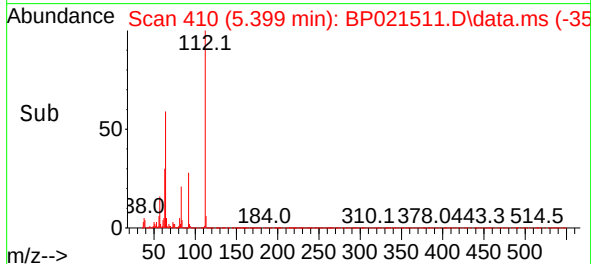
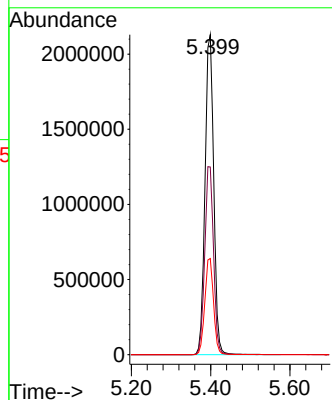
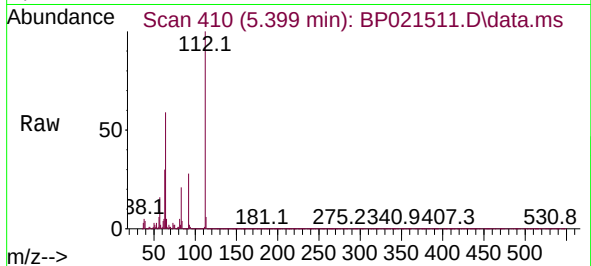
Tgt Ion:112 Resp: 3244026

Ion Ratio Lower Upper

112 100

64 58.7 49.0 73.6

63 30.0 24.6 36.8



#6

Aniline

Concen: 4.676 ng

RT: 7.128 min Scan# 704

Delta R.T. -0.006 min

Lab File: BP021511.D

Acq: 15 Aug 2024 12:43

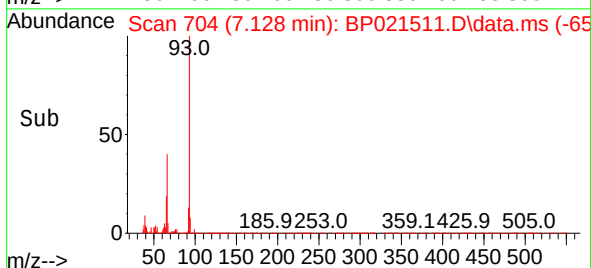
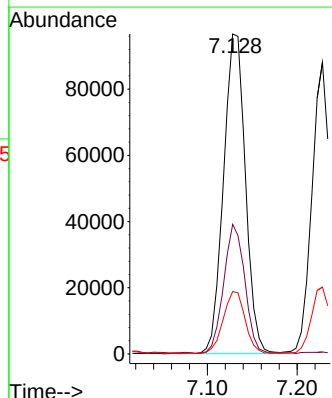
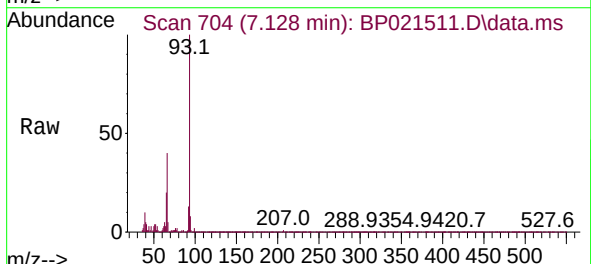
Tgt Ion: 93 Resp: 163891

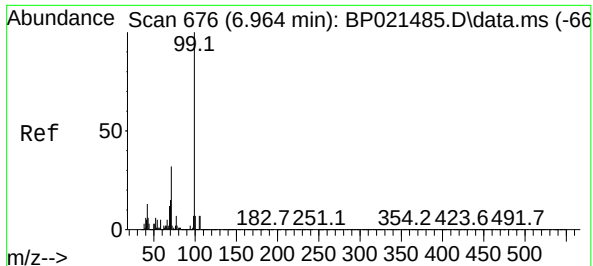
Ion Ratio Lower Upper

93 100

66 40.5 30.2 45.2

65 19.5 14.7 22.1

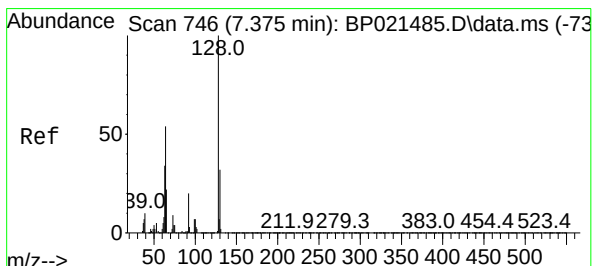
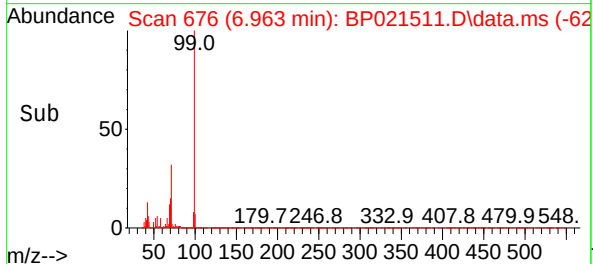
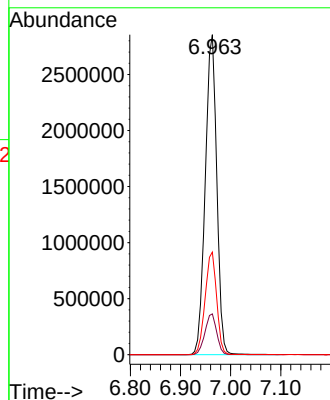
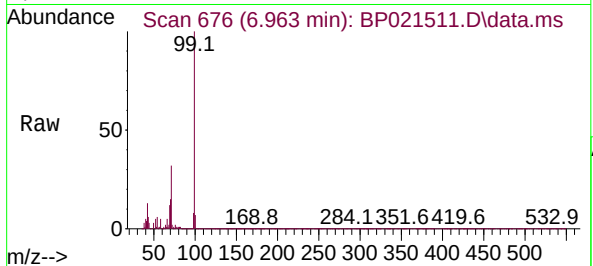




#7
Phenol-d6
Concen: 130.094 ng
RT: 6.963 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP021511.D
Acq: 15 Aug 2024 12:43

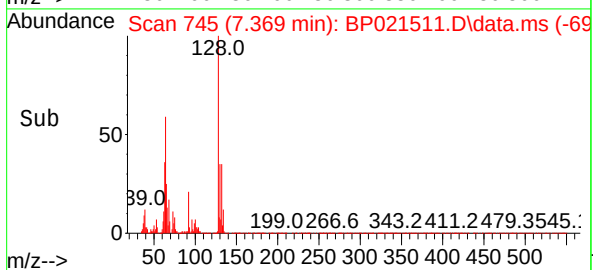
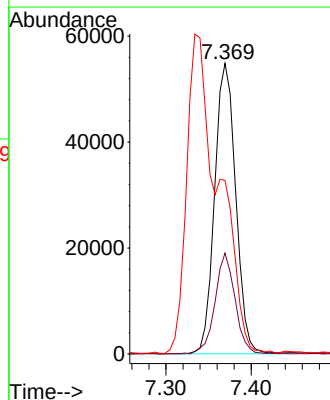
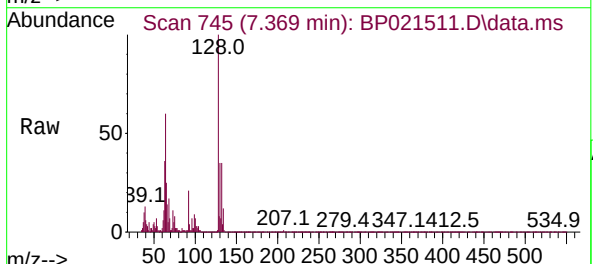
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT3-2024

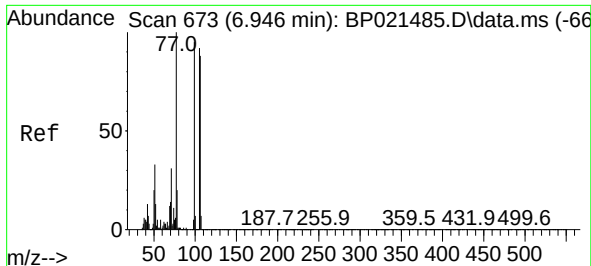
Tgt Ion: 99 Resp: 4561248
Ion Ratio Lower Upper
99 100
42 12.8 10.2 15.4
71 32.1 25.8 38.8



#8
2-Chlorophenol
Concen: 4.251 ng
RT: 7.369 min Scan# 745
Delta R.T. -0.006 min
Lab File: BP021511.D
Acq: 15 Aug 2024 12:43

Tgt Ion:128 Resp: 94409
Ion Ratio Lower Upper
128 100
130 34.7 11.6 51.6
64 59.8 35.3 75.3





#9

Benzaldehyde

Concen: 5.468 ng

RT: 6.946 min Scan# 61

Delta R.T. -0.000 min

Lab File: BP021511.D

Acq: 15 Aug 2024 12:43

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT3-2024

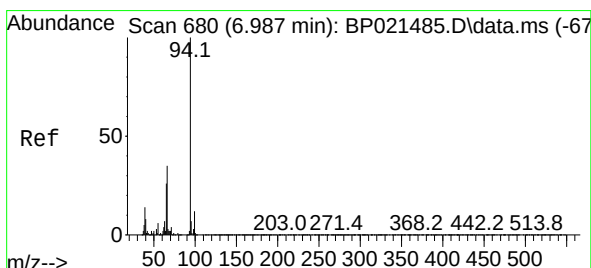
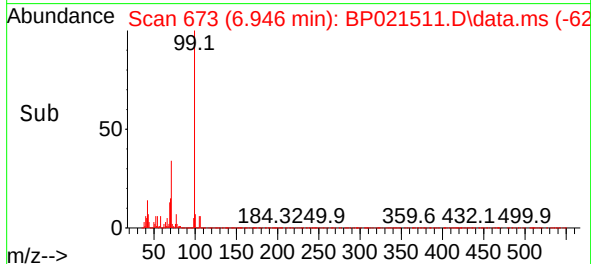
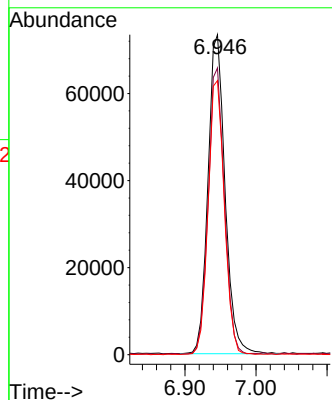
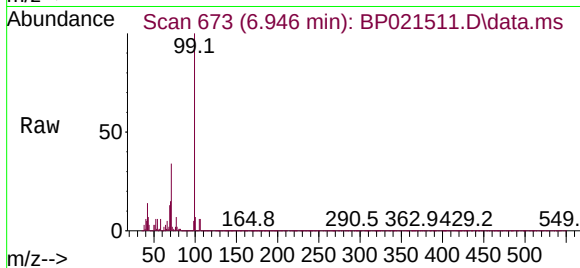
Tgt Ion: 77 Resp: 122748

Ion Ratio Lower Upper

77 100

105 89.6 72.1 112.1

106 85.7 67.9 107.9



#10

Phenol

Concen: 4.210 ng

RT: 6.987 min Scan# 680

Delta R.T. -0.000 min

Lab File: BP021511.D

Acq: 15 Aug 2024 12:43

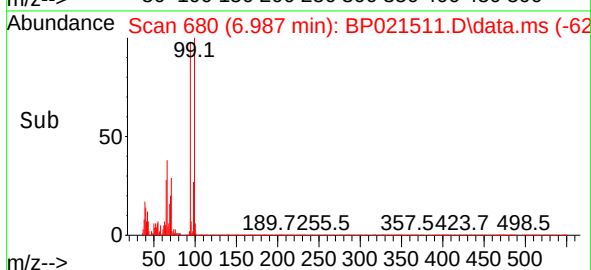
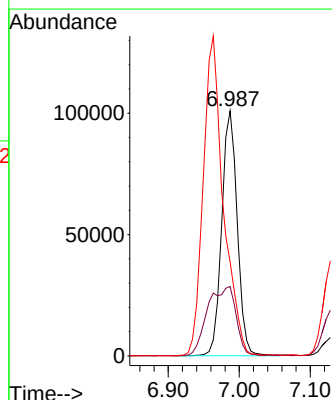
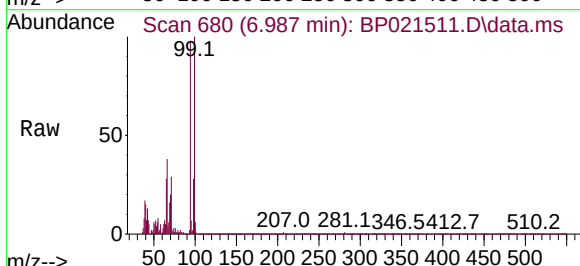
Tgt Ion: 94 Resp: 152860

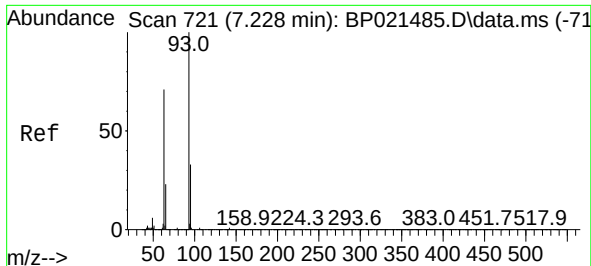
Ion Ratio Lower Upper

94 100

65 28.3 6.5 46.5

66 38.3 14.7 54.7





#11

bis(2-Chloroethyl)ether

Concen: 4.107 ng

RT: 7.228 min Scan# 721

Delta R.T. -0.000 min

Lab File: BP021511.D

Acq: 15 Aug 2024 12:43

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT3-2024

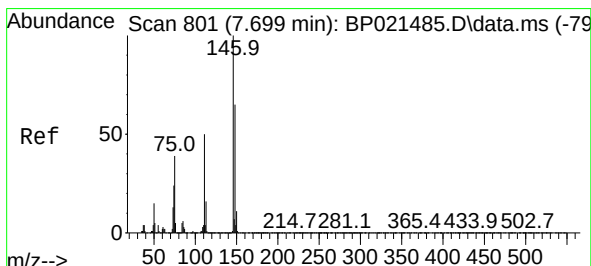
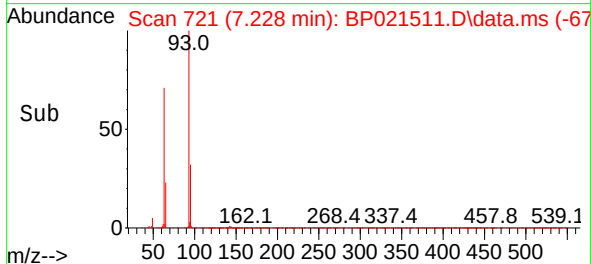
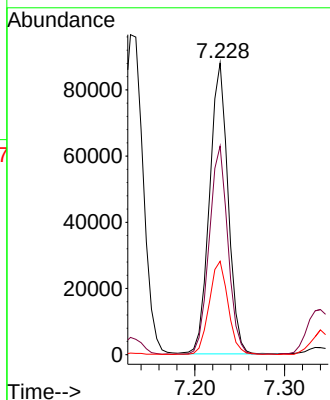
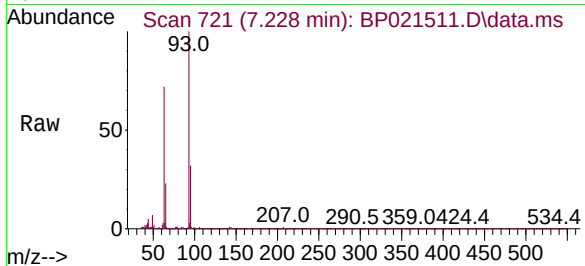
Tgt Ion: 93 Resp: 126188

Ion Ratio Lower Upper

93 100

63 71.6 51.0 91.0

95 32.1 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 4.116 ng

RT: 7.699 min Scan# 801

Delta R.T. -0.000 min

Lab File: BP021511.D

Acq: 15 Aug 2024 12:43

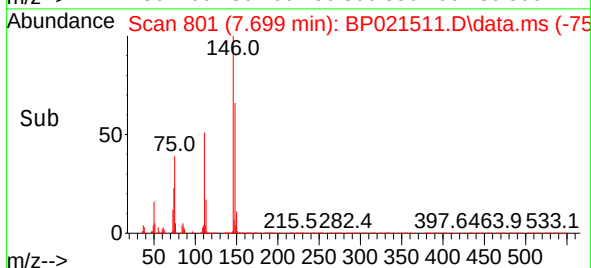
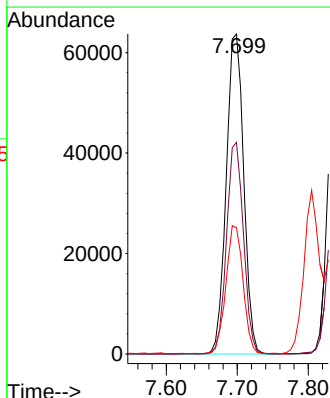
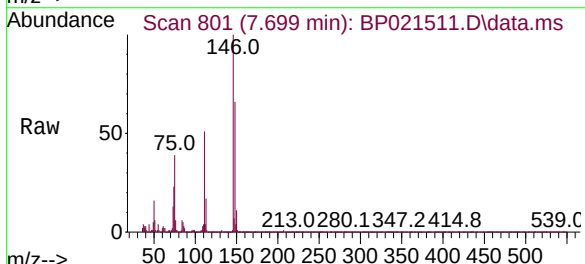
Tgt Ion: 146 Resp: 108603

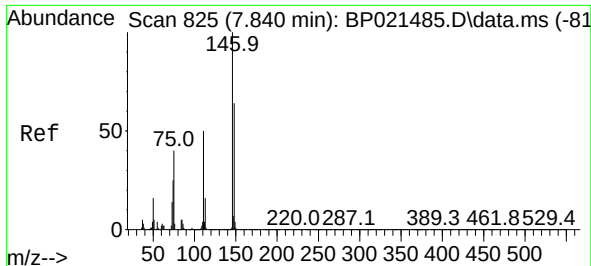
Ion Ratio Lower Upper

146 100

148 66.1 51.8 77.6

75 39.5 31.3 46.9

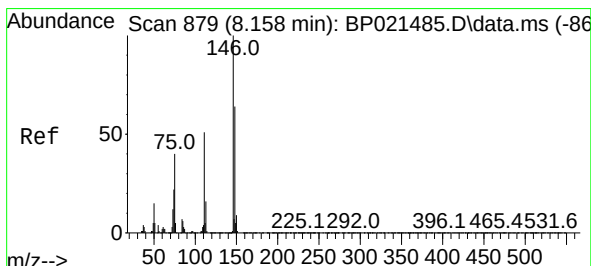
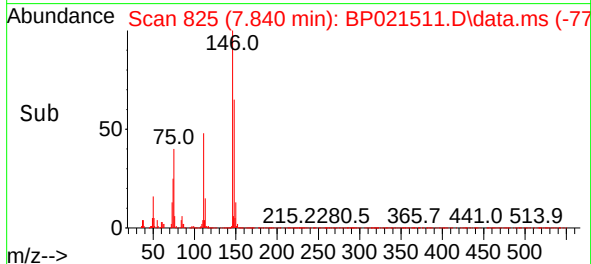
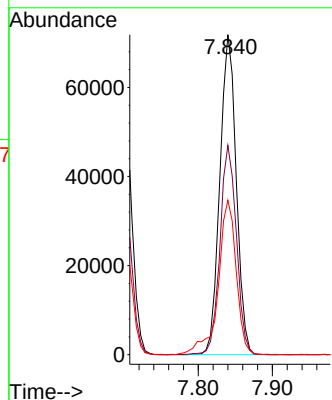
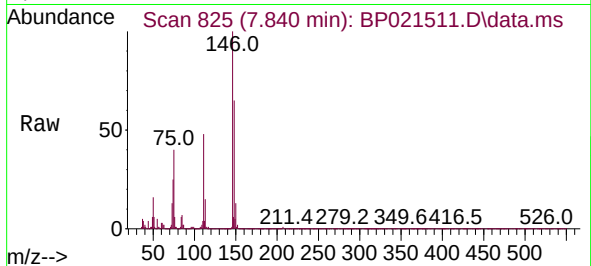




#13
1,4-Dichlorobenzene
Concen: 4.139 ng
RT: 7.840 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP021511.D
Acq: 15 Aug 2024 12:43

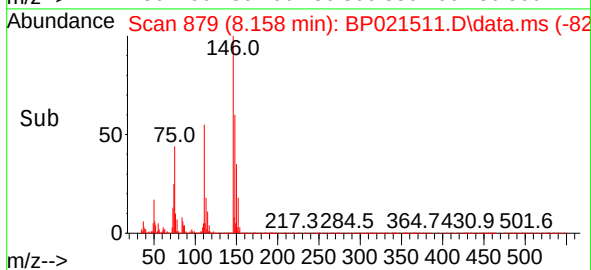
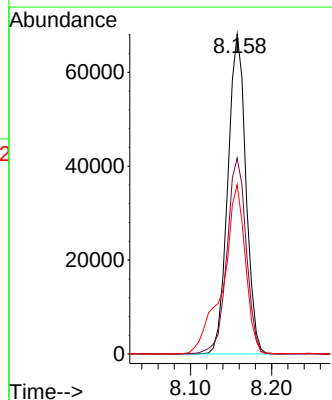
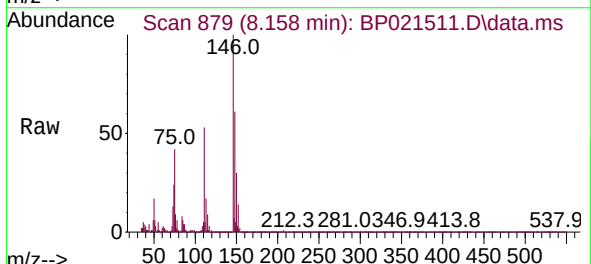
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT3-2024

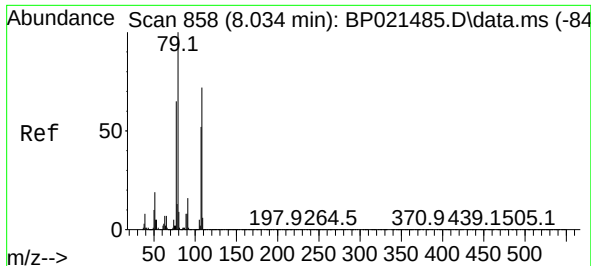
Tgt Ion:146 Resp: 110263
Ion Ratio Lower Upper
146 100
148 65.4 51.5 77.3
111 48.2 40.3 60.5



#14
1,2-Dichlorobenzene
Concen: 4.089 ng
RT: 8.158 min Scan# 879
Delta R.T. -0.000 min
Lab File: BP021511.D
Acq: 15 Aug 2024 12:43

Tgt Ion:146 Resp: 104975
Ion Ratio Lower Upper
146 100
148 61.2 51.5 77.3
111 52.9 41.1 61.7

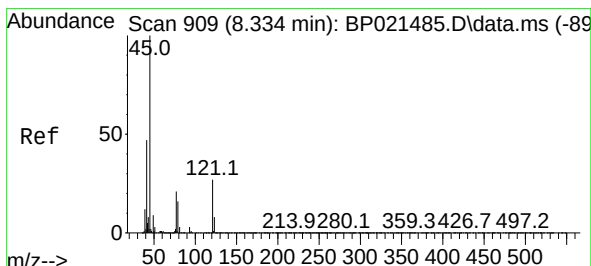
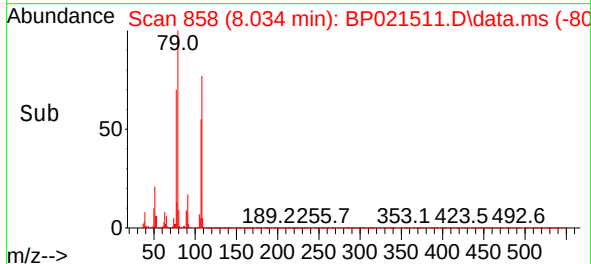
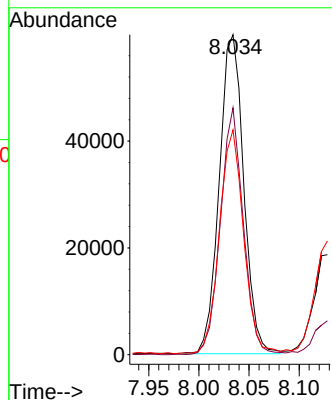
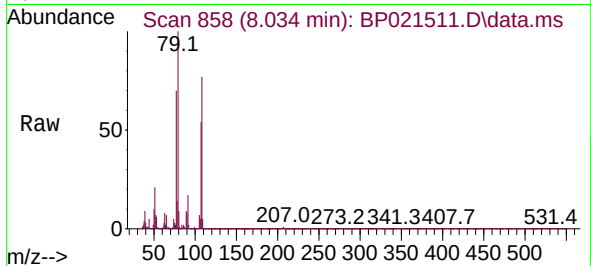




#15
Benzyl Alcohol
Concen: 4.016 ng
RT: 8.034 min Scan# 858
Delta R.T. -0.000 min
Lab File: BP021511.D
Acq: 15 Aug 2024 12:43

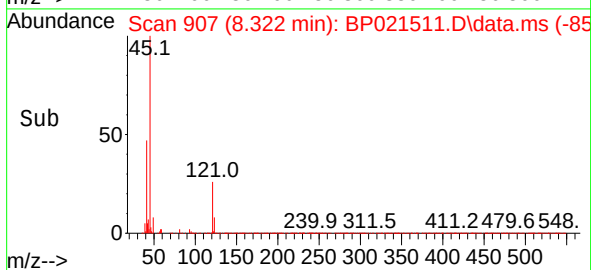
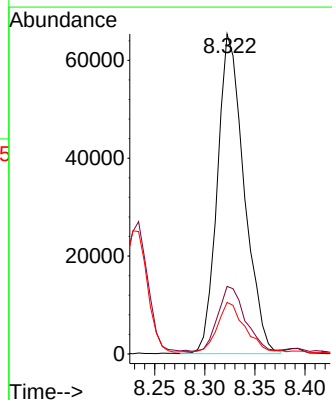
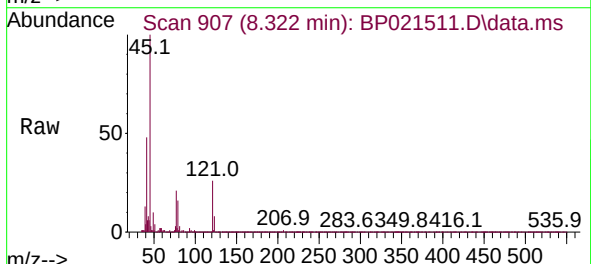
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT3-2024

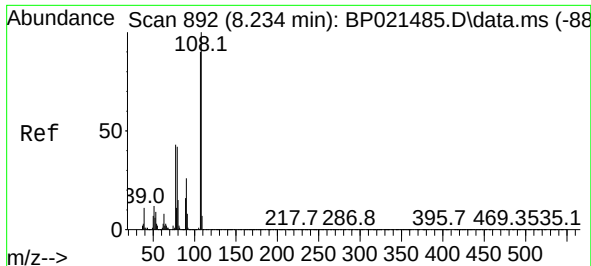
Tgt Ion: 79 Resp: 101017
Ion Ratio Lower Upper
79 100
108 77.2 57.9 86.9
77 70.2 51.8 77.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.287 ng
RT: 8.322 min Scan# 907
Delta R.T. -0.012 min
Lab File: BP021511.D
Acq: 15 Aug 2024 12:43

Tgt Ion: 45 Resp: 121282
Ion Ratio Lower Upper
45 100
77 21.1 1.9 41.9
79 16.1 0.0 36.6

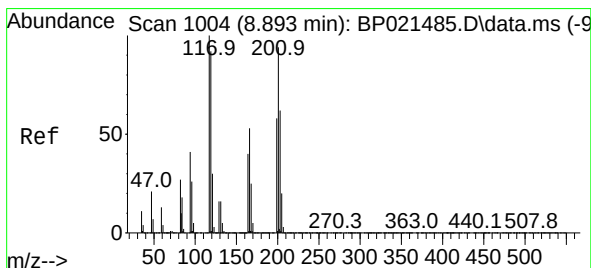
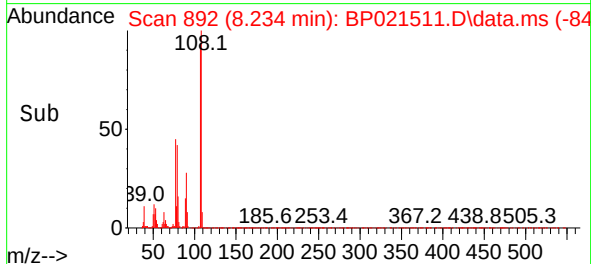
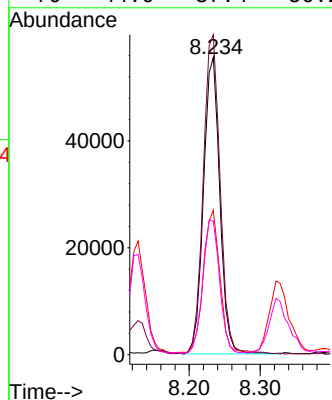
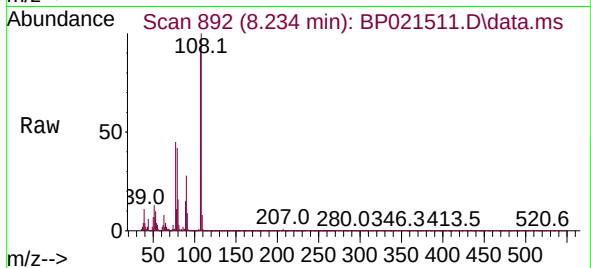




#17
2-Methylphenol
Concen: 3.863 ng
RT: 8.234 min Scan# 892
Delta R.T. -0.000 min
Lab File: BP021511.D
Acq: 15 Aug 2024 12:43

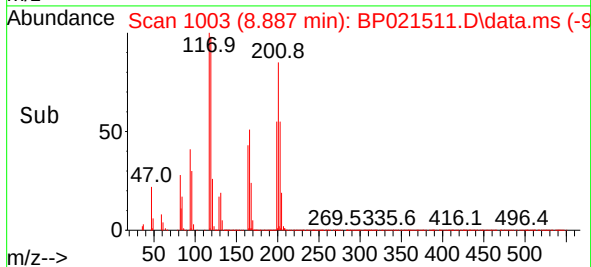
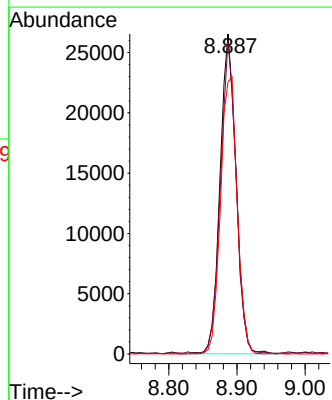
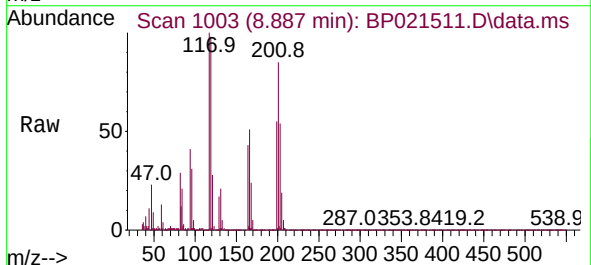
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT3-2024

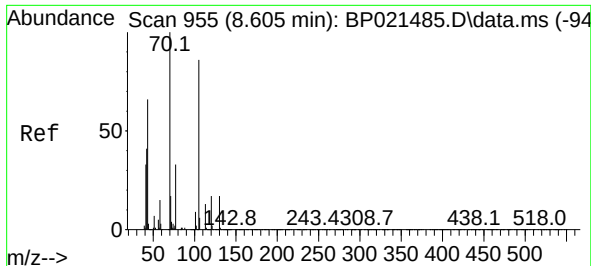
Tgt Ion:	107	Resp:	88670
Ion	Ratio	Lower	Upper
107	100		
108	107.6	88.8	133.2
77	48.6	38.7	58.1
79	44.9	37.4	56.2



#18
Hexachloroethane
Concen: 4.052 ng
RT: 8.887 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BP021511.D
Acq: 15 Aug 2024 12:43

Tgt Ion:	117	Resp:	43288
Ion	Ratio	Lower	Upper
117	100		
119	97.9	73.9	110.9
201	84.9	74.9	112.3





#19

n-Nitroso-di-n-propylamine

Concen: 3.890 ng

RT: 8.599 min Scan# 955

Delta R.T. -0.006 min

Lab File: BP021511.D

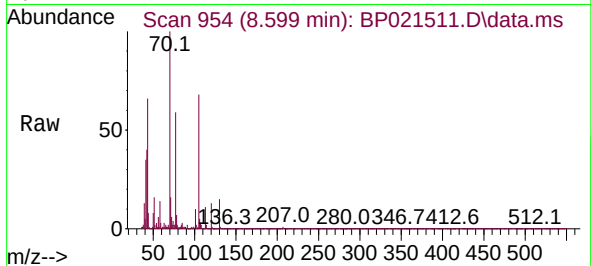
Acq: 15 Aug 2024 12:43

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT3-2024



Tgt Ion: 70 Resp: 94220

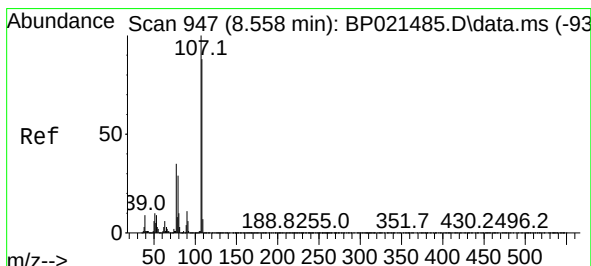
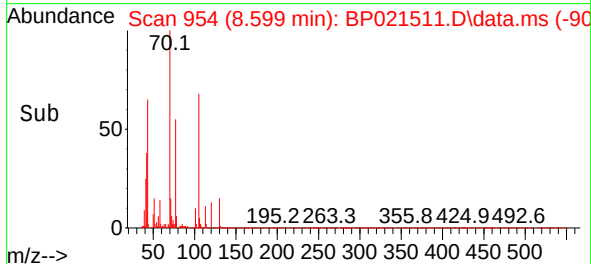
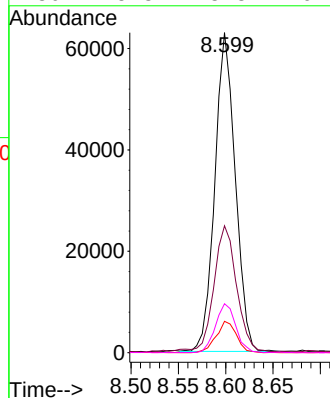
Ion Ratio Lower Upper

70 100

42 39.7 33.1 49.7

101 9.8 7.4 11.2

130 15.3 13.3 19.9



#20

3+4-Methylphenols

Concen: 3.804 ng

RT: 8.557 min Scan# 947

Delta R.T. -0.000 min

Lab File: BP021511.D

Acq: 15 Aug 2024 12:43

Tgt Ion: 107 Resp: 117727

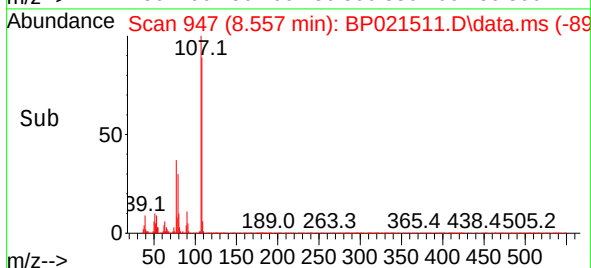
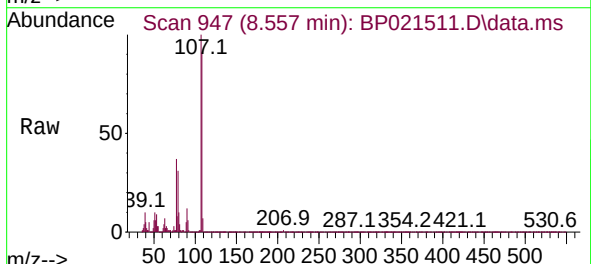
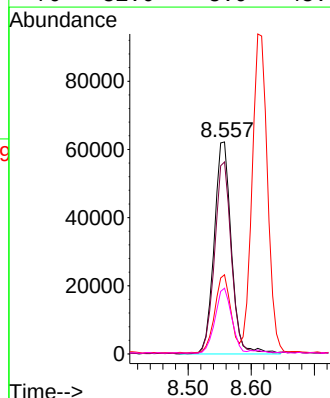
Ion Ratio Lower Upper

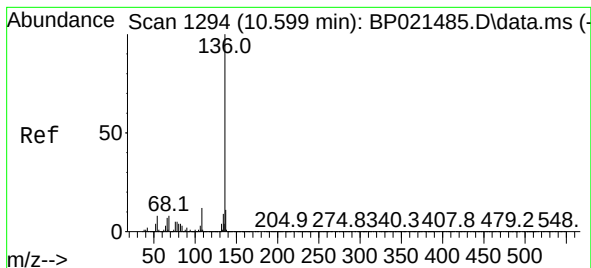
107 100

108 90.6 67.6 107.6

77 37.4 15.0 55.0

79 31.0 8.9 48.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.593 min Scan# 1294

Delta R.T. -0.006 min

Lab File: BP021511.D

Acq: 15 Aug 2024 12:43

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT3-2024

Tgt Ion:136 Resp: 1465998

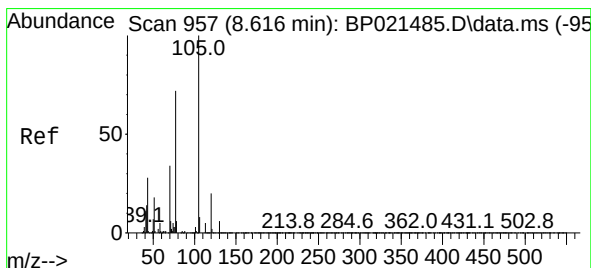
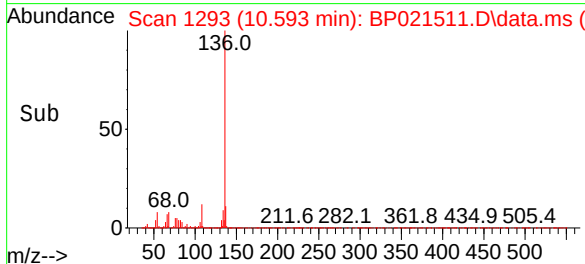
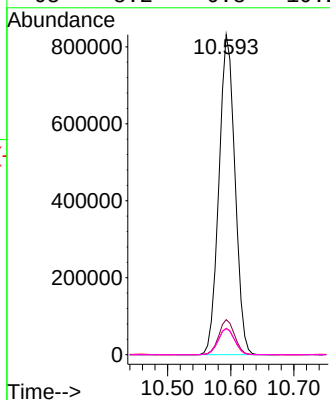
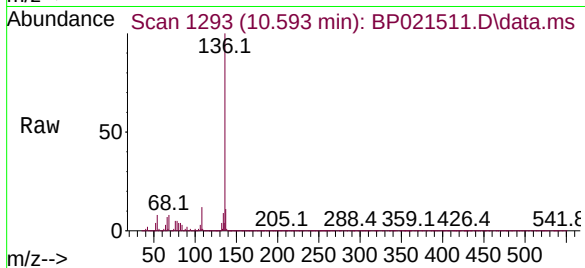
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 8.3 6.3 9.5

68 8.2 6.8 10.2



#22

Acetophenone

Concen: 4.278 ng

RT: 8.616 min Scan# 957

Delta R.T. -0.000 min

Lab File: BP021511.D

Acq: 15 Aug 2024 12:43

Tgt Ion:105 Resp: 192681

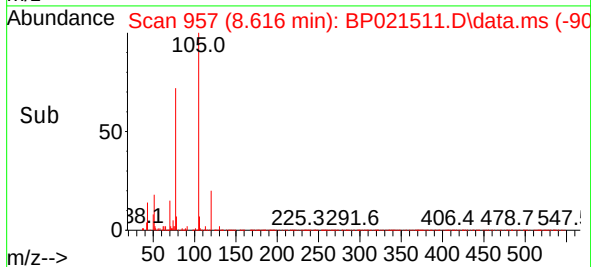
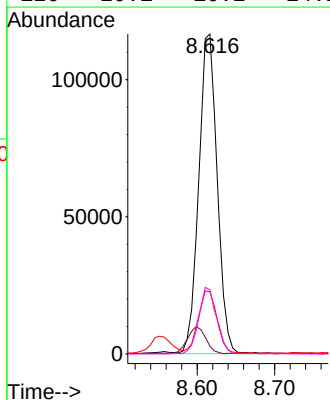
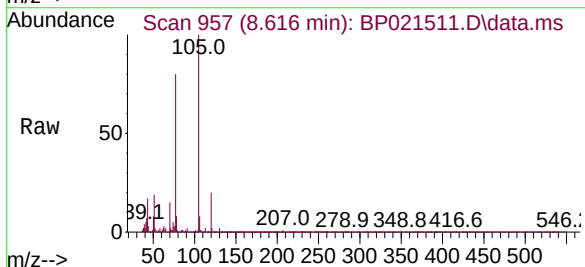
Ion Ratio Lower Upper

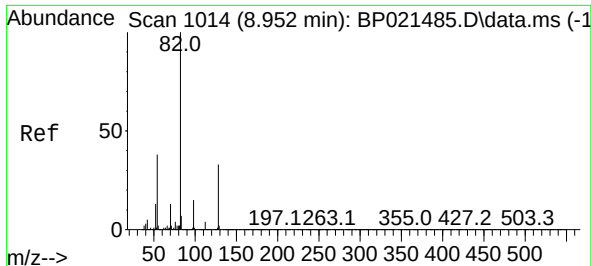
105 100

71 2.5 4.6 7.0#

51 19.4 16.3 24.5

120 20.1 16.2 24.2





#23

Nitrobenzene-d5

Concen: 99.918 ng

RT: 8.952 min Scan# 1014

Delta R.T. -0.000 min

Lab File: BP021511.D

Acq: 15 Aug 2024 12:43

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT3-2024

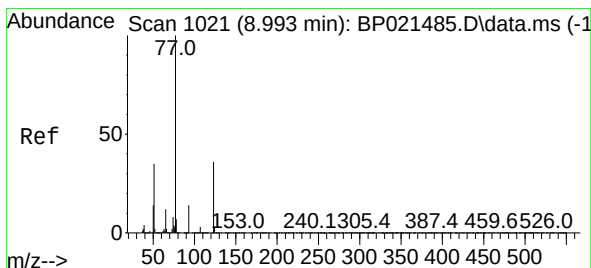
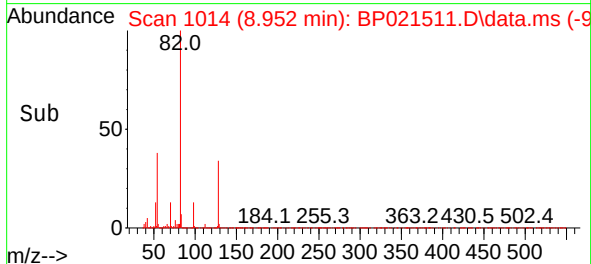
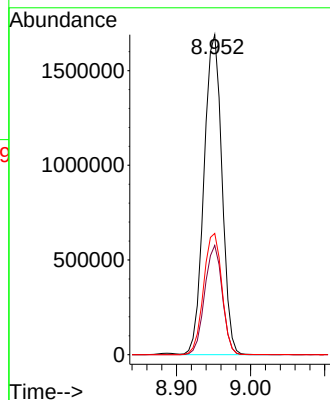
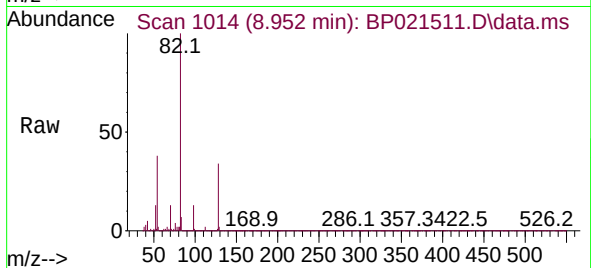
Tgt Ion: 82 Resp: 2837922

Ion Ratio Lower Upper

82 100

128 34.2 26.5 39.7

54 37.9 30.3 45.5



#24

Nitrobenzene

Concen: 4.723 ng

RT: 8.987 min Scan# 1020

Delta R.T. -0.006 min

Lab File: BP021511.D

Acq: 15 Aug 2024 12:43

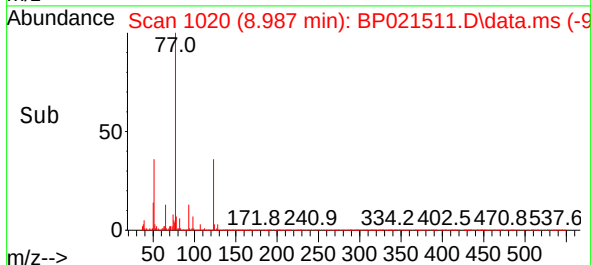
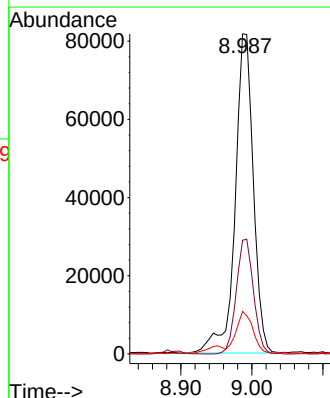
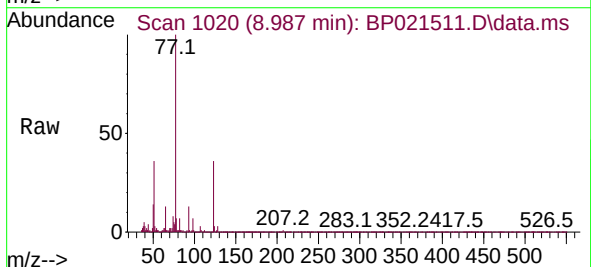
Tgt Ion: 77 Resp: 145706

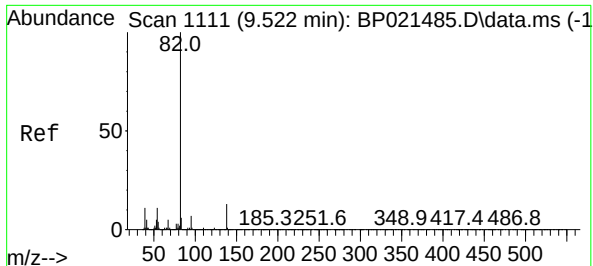
Ion Ratio Lower Upper

77 100

123 35.6 29.5 44.3

65 13.3 9.9 14.9





#25

Isophorone

Concen: 3.967 ng

RT: 9.516 min Scan# 1111

Delta R.T. -0.006 min

Lab File: BP021511.D

Acq: 15 Aug 2024 12:43

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT3-2024

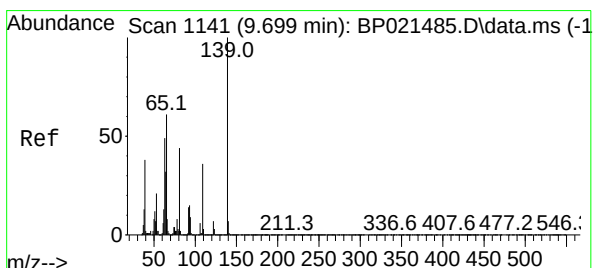
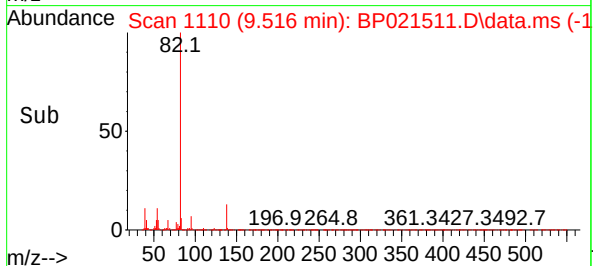
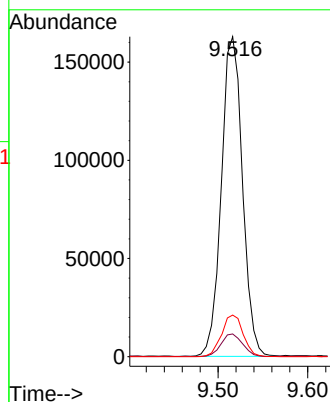
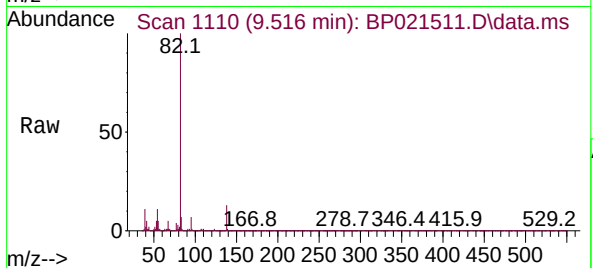
Tgt Ion: 82 Resp: 266157

Ion Ratio Lower Upper

82 100

95 7.1 5.4 8.2

138 13.0 10.6 16.0



#26

2-Nitrophenol

Concen: 4.964 ng

RT: 9.699 min Scan# 1141

Delta R.T. -0.000 min

Lab File: BP021511.D

Acq: 15 Aug 2024 12:43

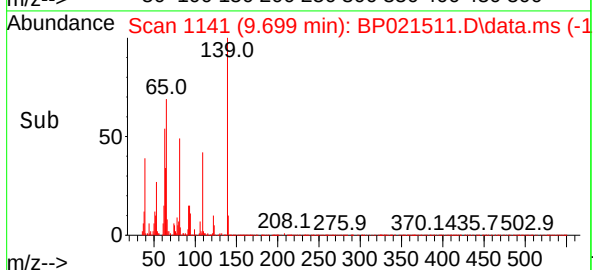
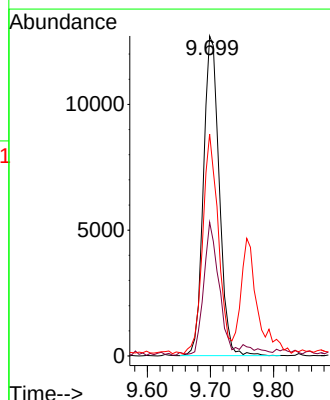
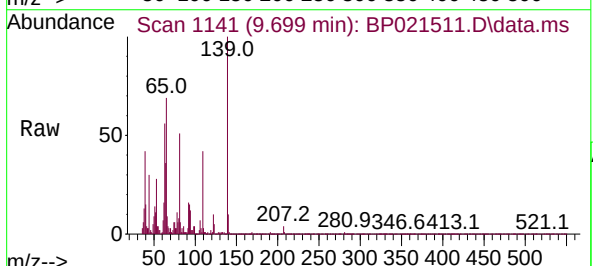
Tgt Ion:139 Resp: 22162

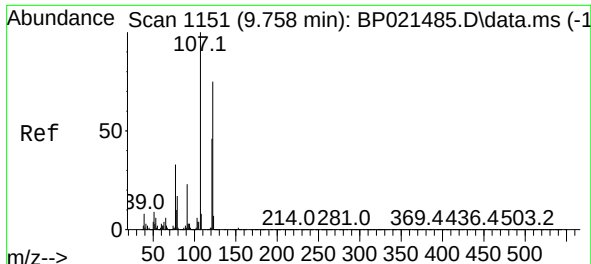
Ion Ratio Lower Upper

139 100

109 41.8 28.9 43.3

65 69.3 49.0 73.6

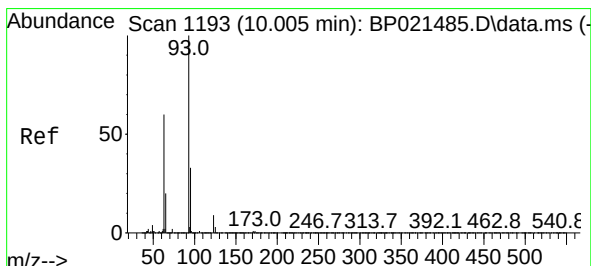
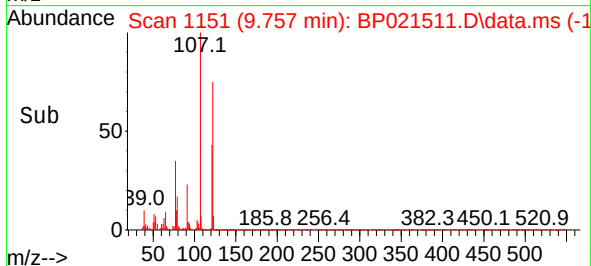
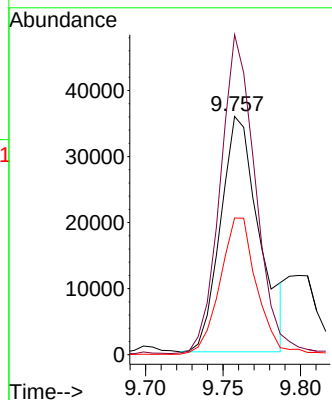
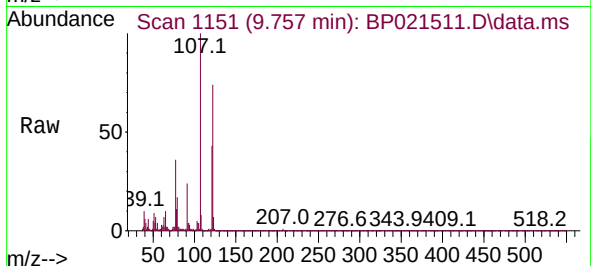




#27
2,4-Dimethylphenol
Concen: 3.742 ng
RT: 9.757 min Scan# 1151
Delta R.T. -0.000 min
Lab File: BP021511.D
Acq: 15 Aug 2024 12:43

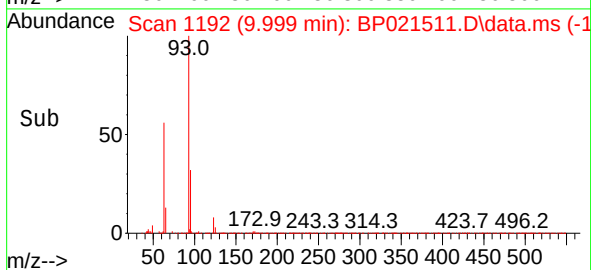
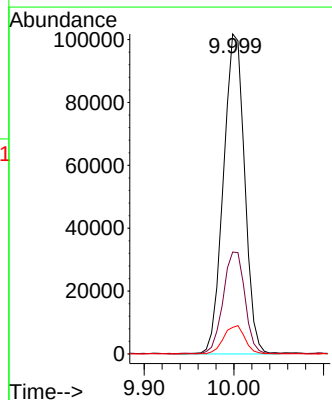
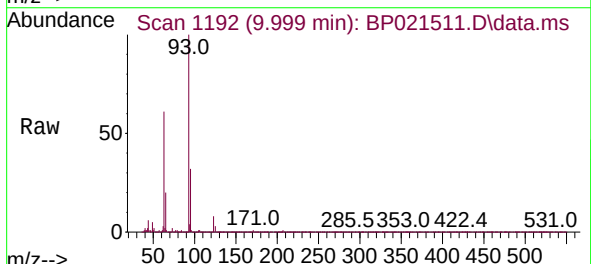
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT3-2024

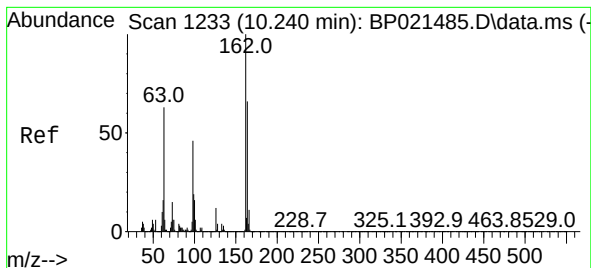
Tgt Ion:122 Resp: 61970
Ion Ratio Lower Upper
122 100
107 134.3 106.2 159.4
121 57.4 48.8 73.2



#28
bis(2-Chloroethoxy)methane
Concen: 4.084 ng
RT: 9.999 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BP021511.D
Acq: 15 Aug 2024 12:43

Tgt Ion: 93 Resp: 167270
Ion Ratio Lower Upper
93 100
95 31.9 26.2 39.4
123 8.3 7.6 11.4





#29

2,4-Dichlorophenol

Concen: 3.627 ng

RT: 10.234 min Scan# 1233

Delta R.T. -0.006 min

Lab File: BP021511.D

Acq: 15 Aug 2024 12:43

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT3-2024

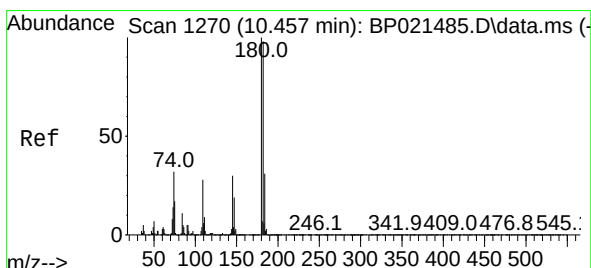
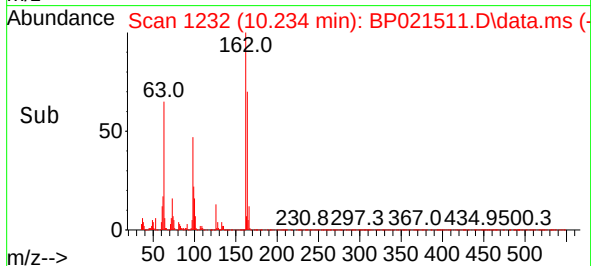
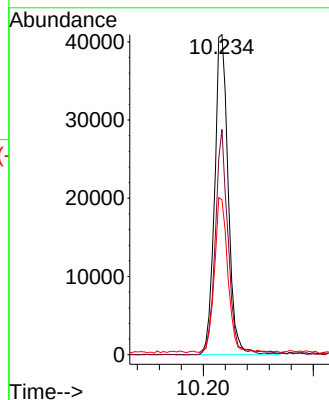
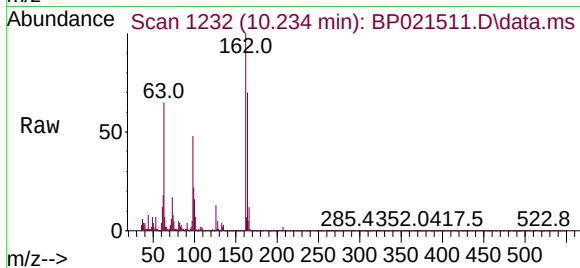
Tgt Ion:162 Resp: 70970

Ion Ratio Lower Upper

162 100

164 70.4 45.9 85.9

98 48.4 26.3 66.3



#30

1,2,4-Trichlorobenzene

Concen: 4.147 ng

RT: 10.457 min Scan# 1270

Delta R.T. -0.000 min

Lab File: BP021511.D

Acq: 15 Aug 2024 12:43

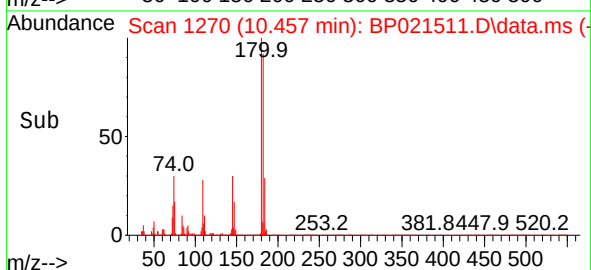
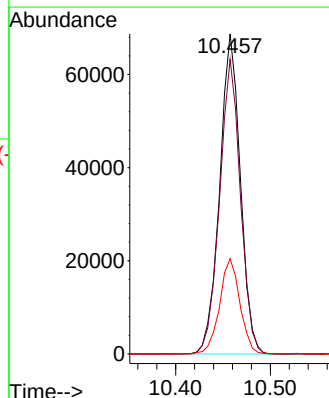
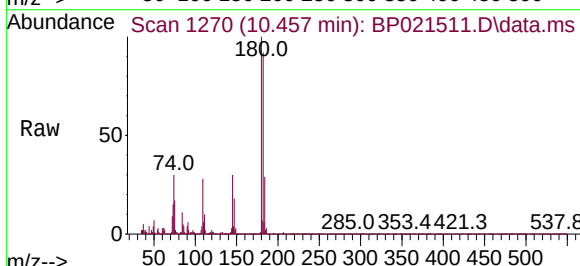
Tgt Ion:180 Resp: 104018

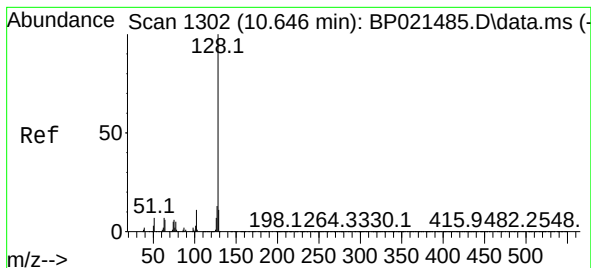
Ion Ratio Lower Upper

180 100

182 92.1 78.3 117.5

145 29.8 24.0 36.0





#31

Naphthalene

Concen: 4.180 ng

RT: 10.646 min Scan# 1115

Delta R.T. -0.000 min

Lab File: BP021511.D

Acq: 15 Aug 2024 12:43

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT3-2024

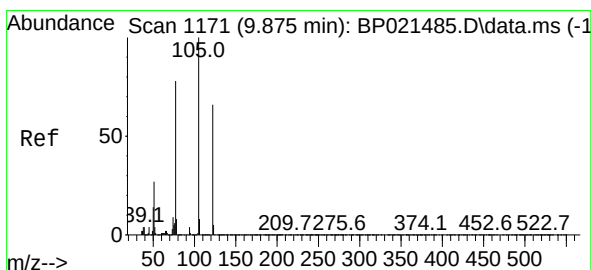
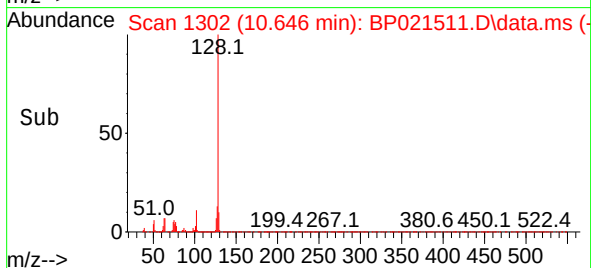
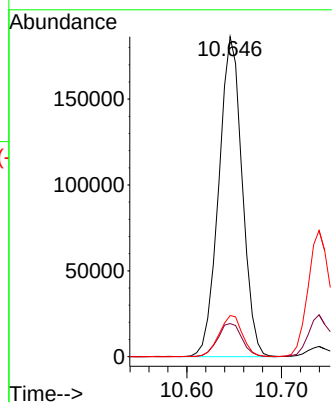
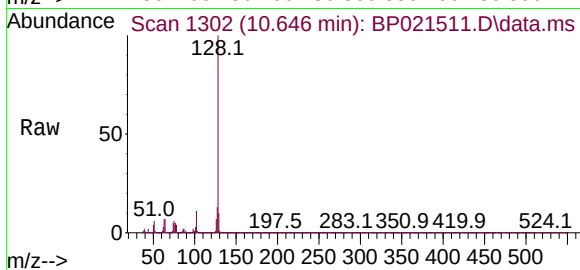
Tgt Ion:128 Resp: 320154

Ion Ratio Lower Upper

128 100

129 10.4 8.6 12.8

127 12.9 10.6 15.8



#32

Benzoic acid

Concen: 10.761 ng

RT: 9.757 min Scan# 1151

Delta R.T. -0.118 min

Lab File: BP021511.D

Acq: 15 Aug 2024 12:43

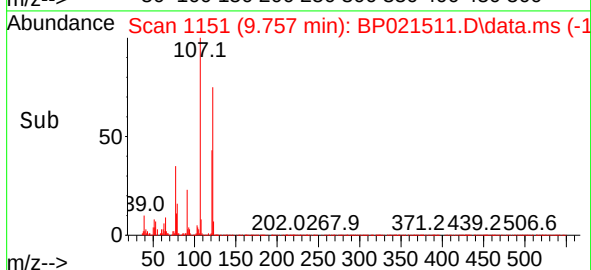
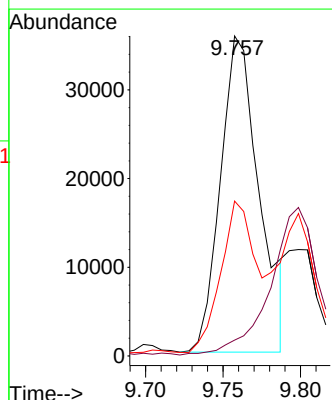
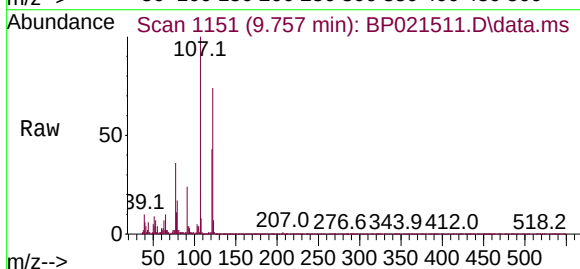
Tgt Ion:122 Resp: 61970

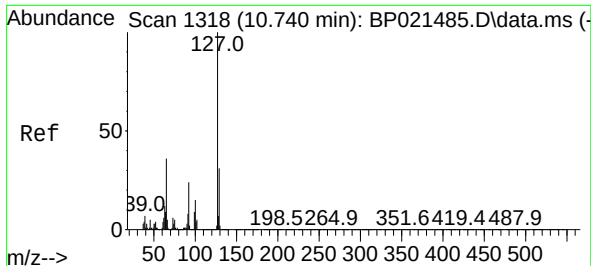
Ion Ratio Lower Upper

122 100

105 4.9 124.6 164.6#

77 48.4 96.2 136.2#

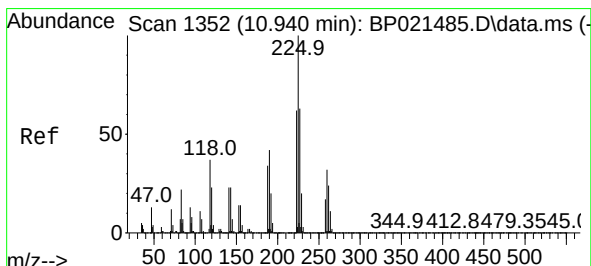
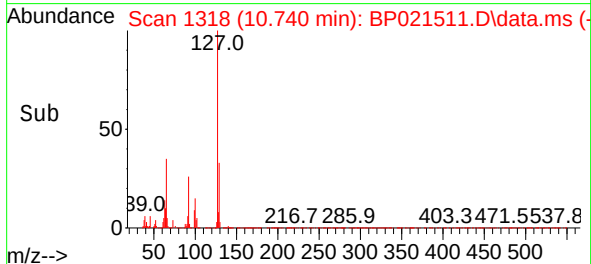
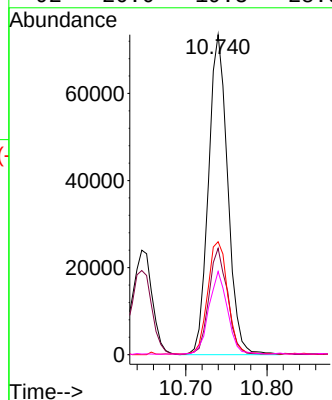
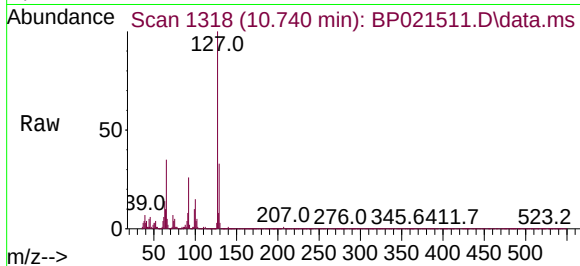




#33
4-Chloroaniline
Concen: 4.200 ng
RT: 10.740 min Scan# 1318
Delta R.T. -0.000 min
Lab File: BP021511.D
Acq: 15 Aug 2024 12:43

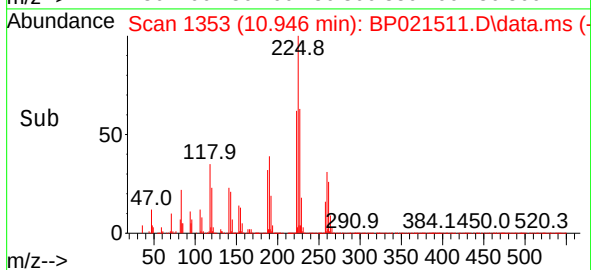
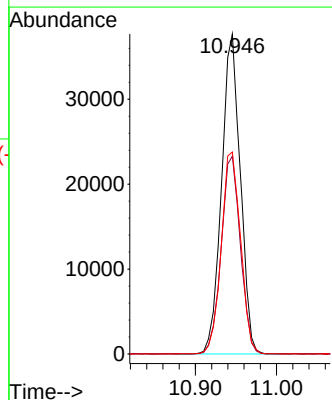
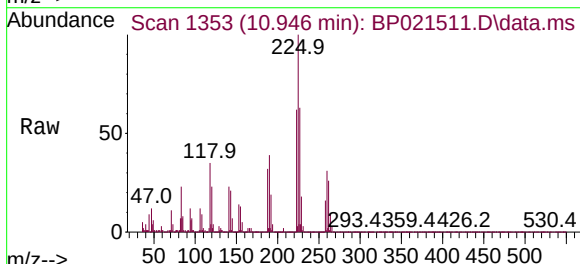
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT3-2024

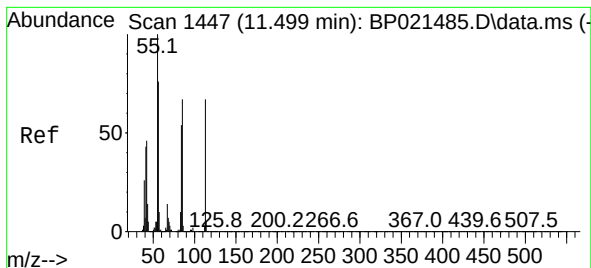
Tgt Ion:	127	Resp:	120813
Ion	Ratio	Lower	Upper
127	100		
129	33.3	24.5	36.7
65	35.3	28.9	43.3
92	26.0	19.3	28.9



#34
Hexachlorobutadiene
Concen: 3.831 ng
RT: 10.946 min Scan# 1353
Delta R.T. 0.006 min
Lab File: BP021511.D
Acq: 15 Aug 2024 12:43

Tgt Ion:	225	Resp:	60512
Ion	Ratio	Lower	Upper
225	100		
223	61.8	49.6	74.4
227	63.1	50.1	75.1





#35

Caprolactam

Concen: 3.748 ng

RT: 11.475 min Scan# 1447

Delta R.T. -0.024 min

Lab File: BP021511.D

Acq: 15 Aug 2024 12:43

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT3-2024

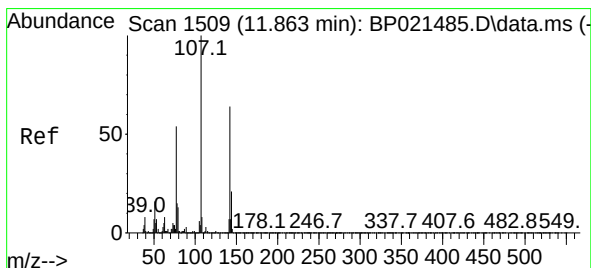
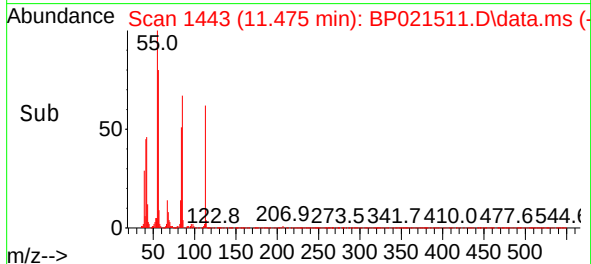
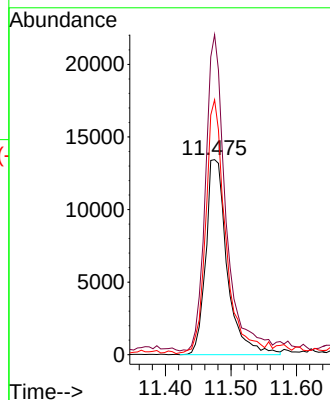
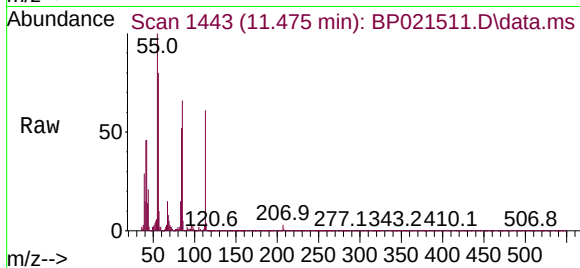
Tgt Ion:113 Resp: 30519

Ion Ratio Lower Upper

113 100

55 164.1 130.6 170.6

56 130.7 94.6 134.6



#36

4-Chloro-3-methylphenol

Concen: 3.720 ng

RT: 11.863 min Scan# 1509

Delta R.T. -0.000 min

Lab File: BP021511.D

Acq: 15 Aug 2024 12:43

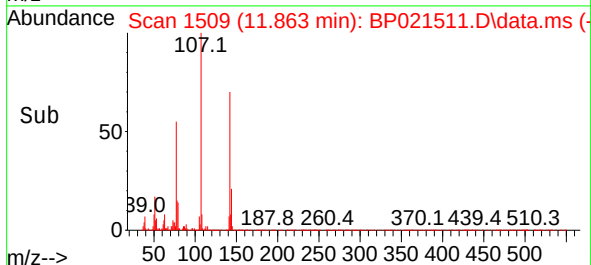
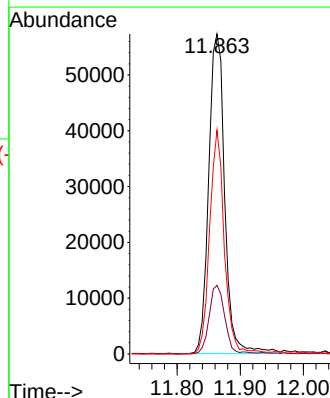
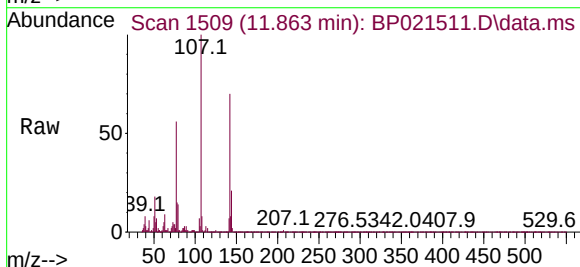
Tgt Ion:107 Resp: 100954

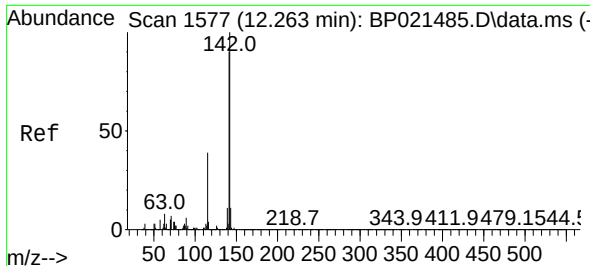
Ion Ratio Lower Upper

107 100

144 21.5 16.6 24.8

142 69.9 51.0 76.4

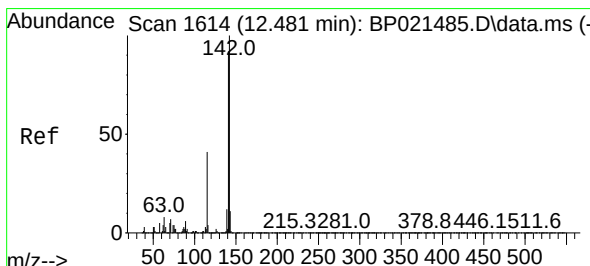
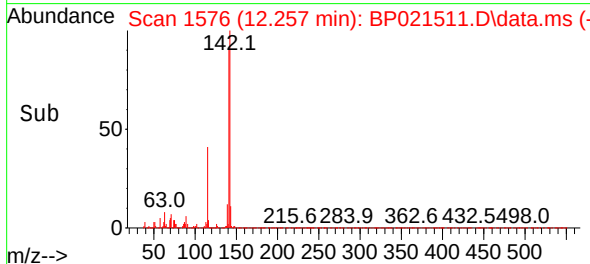
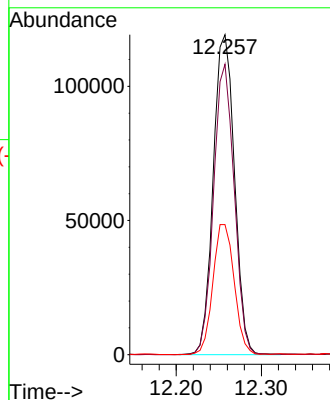
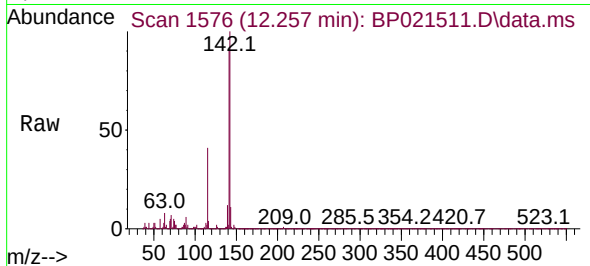




#37
2-Methylnaphthalene
Concen: 3.966 ng
RT: 12.257 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BP021511.D
Acq: 15 Aug 2024 12:43

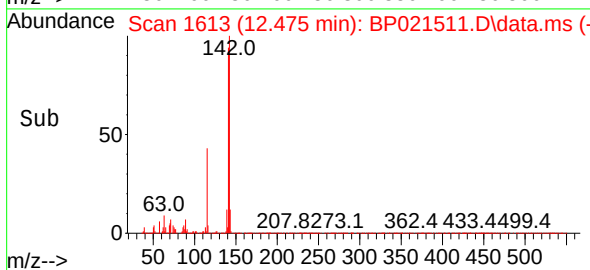
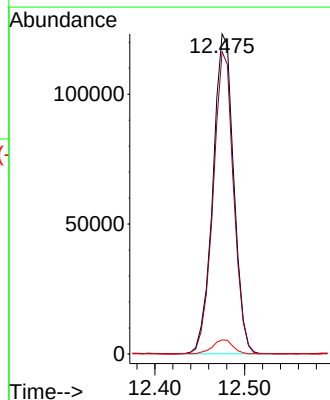
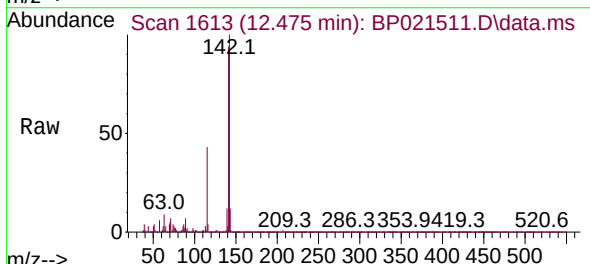
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT3-2024

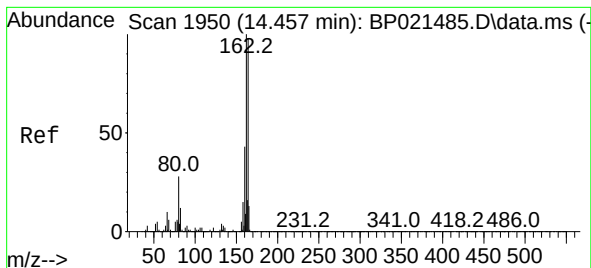
Tgt Ion:142 Resp: 207291
Ion Ratio Lower Upper
142 100
141 90.7 71.7 107.5
115 40.7 31.4 47.2



#38
1-Methylnaphthalene
Concen: 3.850 ng
RT: 12.475 min Scan# 1613
Delta R.T. -0.006 min
Lab File: BP021511.D
Acq: 15 Aug 2024 12:43

Tgt Ion:142 Resp: 198475
Ion Ratio Lower Upper
142 100
141 94.4 73.5 110.3
116 4.4 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.440 min Scan# 1950

Delta R.T. -0.018 min

Lab File: BP021511.D

Acq: 15 Aug 2024 12:43

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT3-2024

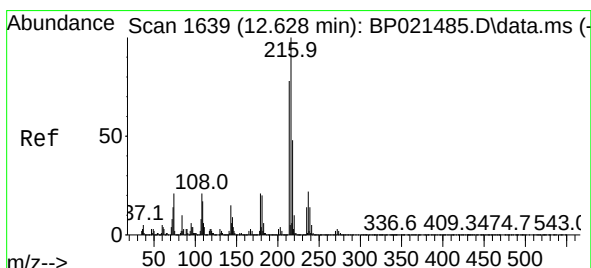
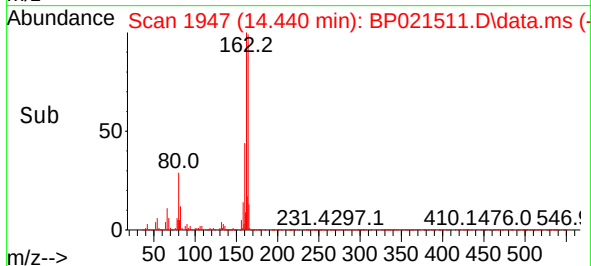
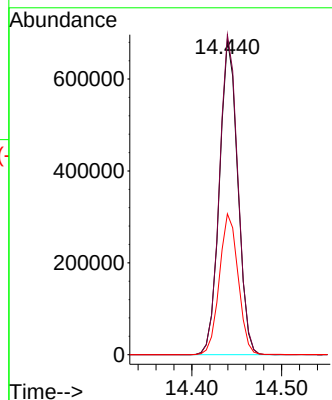
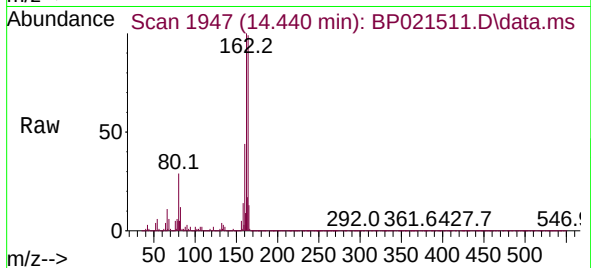
Tgt Ion:164 Resp: 971108

Ion Ratio Lower Upper

164 100

162 101.4 81.5 122.3

160 44.6 35.2 52.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 4.211 ng

RT: 12.628 min Scan# 1639

Delta R.T. -0.000 min

Lab File: BP021511.D

Acq: 15 Aug 2024 12:43

Tgt Ion:216 Resp: 119827

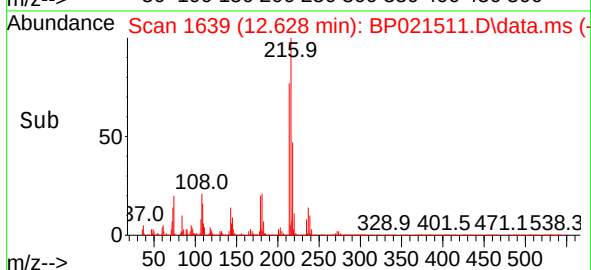
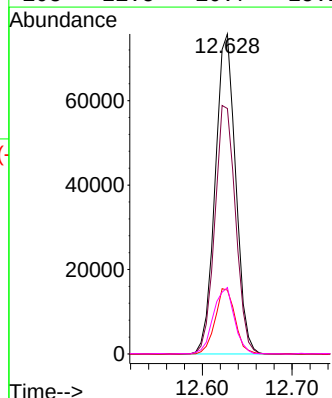
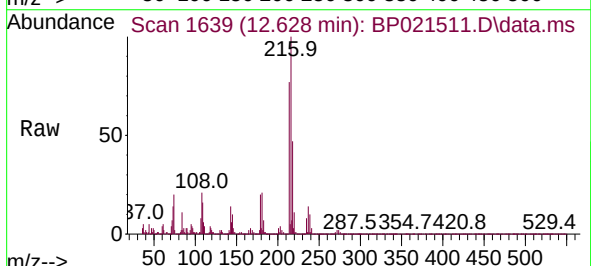
Ion Ratio Lower Upper

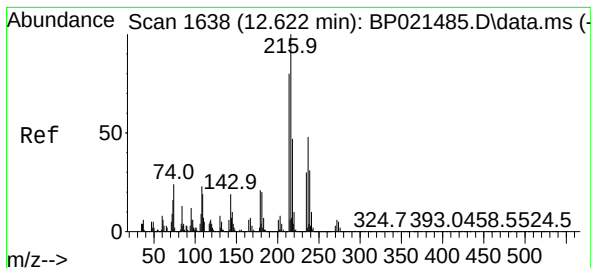
216 100

214 78.7 62.5 93.7

179 19.9 16.4 24.6

108 21.5 16.7 25.1





#41

Hexachlorocyclopentadiene

Concen: 3.615 ng

RT: 12.616 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP021511.D

Acq: 15 Aug 2024 12:43

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT3-2024

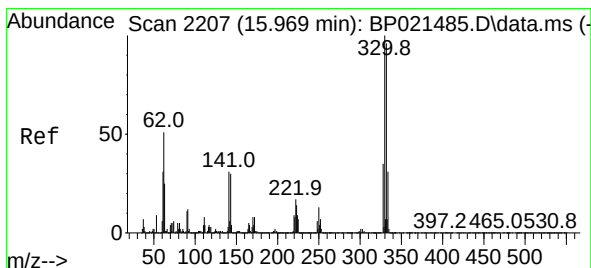
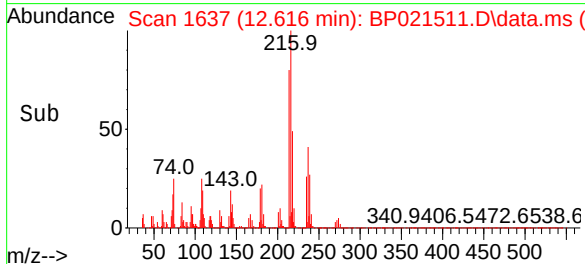
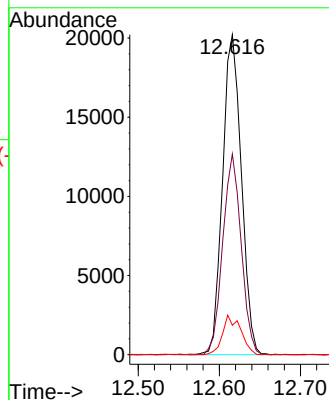
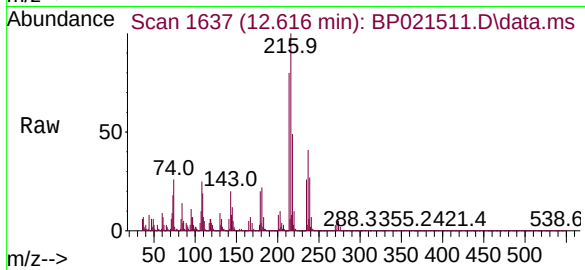
Tgt Ion:237 Resp: 32596

Ion Ratio Lower Upper

237 100

235 62.7 43.9 83.9

272 9.2 0.0 33.3



#42

2,4,6-Tribromophenol

Concen: 138.226 ng

RT: 15.945 min Scan# 2203

Delta R.T. -0.024 min

Lab File: BP021511.D

Acq: 15 Aug 2024 12:43

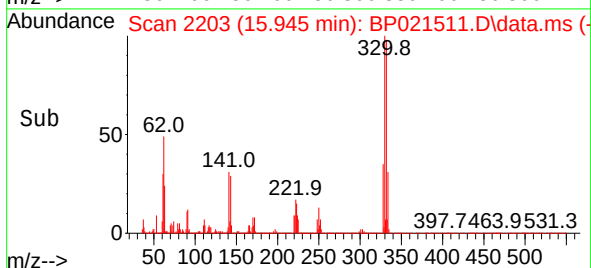
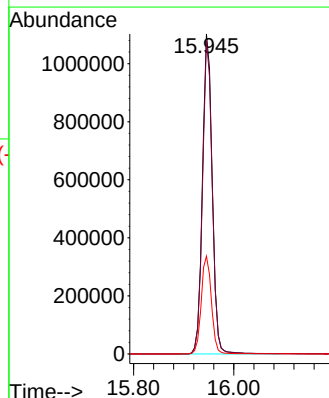
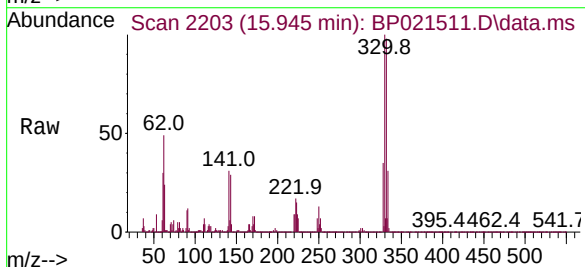
Tgt Ion:330 Resp: 1493952

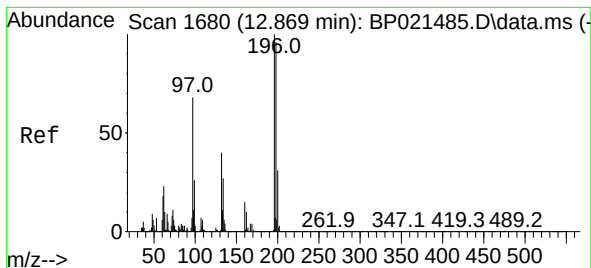
Ion Ratio Lower Upper

330 100

332 97.0 77.4 116.0

141 31.6 24.5 36.7





#43

2,4,6-Trichlorophenol

Concen: 3.417 ng

RT: 12.857 min Scan# 1678

Delta R.T. -0.012 min

Lab File: BP021511.D

Acq: 15 Aug 2024 12:43

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT3-2024

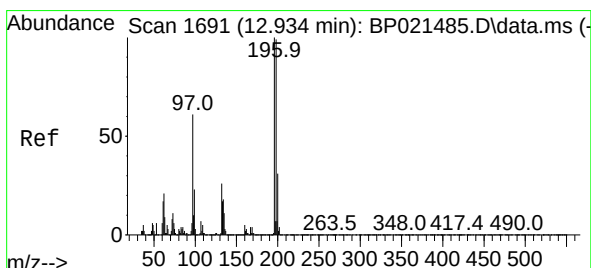
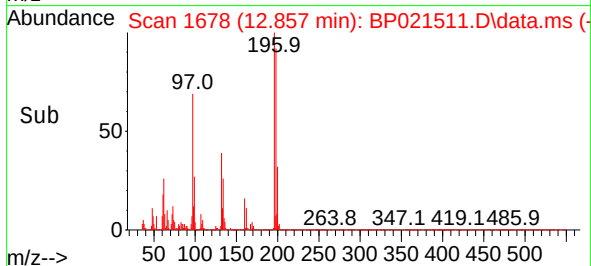
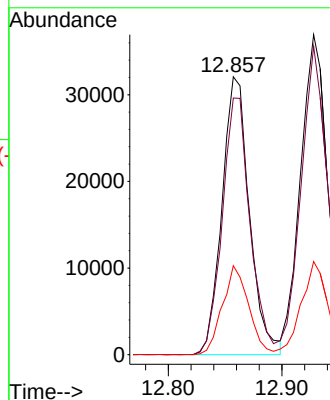
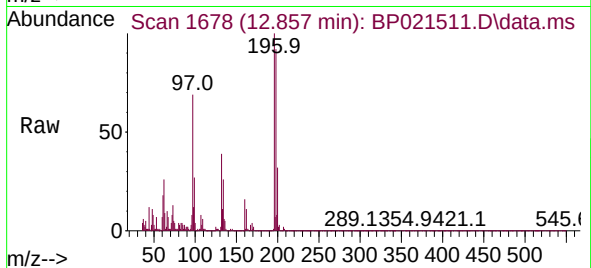
Tgt Ion:196 Resp: 54002

Ion Ratio Lower Upper

196 100

198 92.3 76.6 114.8

200 32.0 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 3.571 ng

RT: 12.928 min Scan# 1690

Delta R.T. -0.006 min

Lab File: BP021511.D

Acq: 15 Aug 2024 12:43

Tgt Ion:196 Resp: 62713

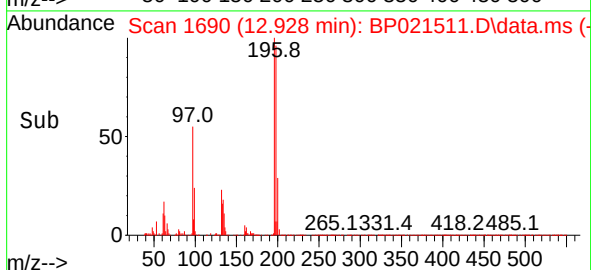
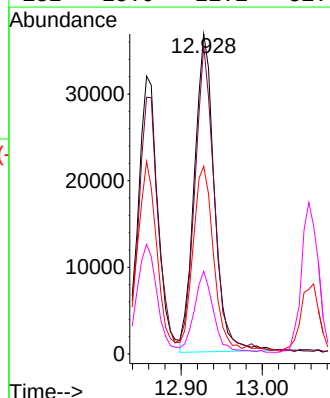
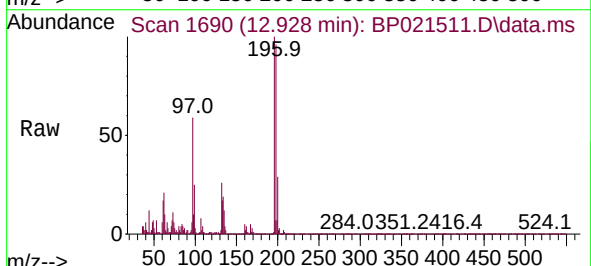
Ion Ratio Lower Upper

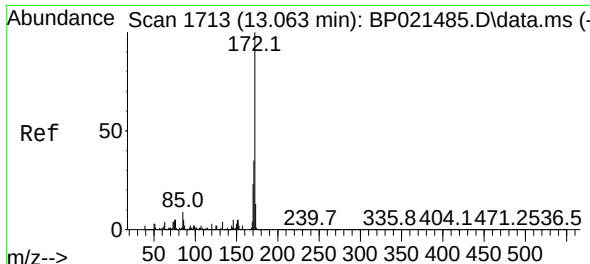
196 100

198 96.4 78.9 118.3

97 58.7 49.4 74.0

132 25.9 21.1 31.7





#45

2-Fluorobiphenyl

Concen: 86.961 ng

RT: 13.057 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP021511.D

Acq: 15 Aug 2024 12:43

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT3-2024

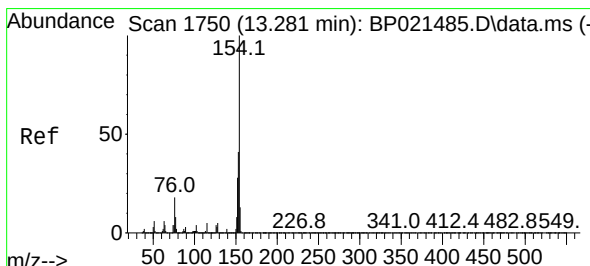
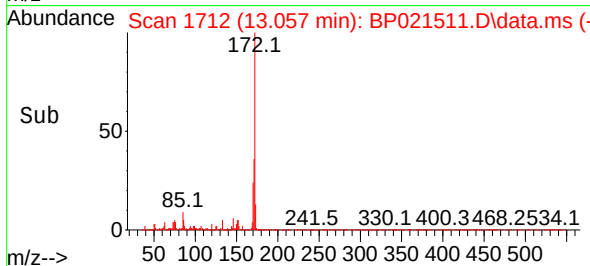
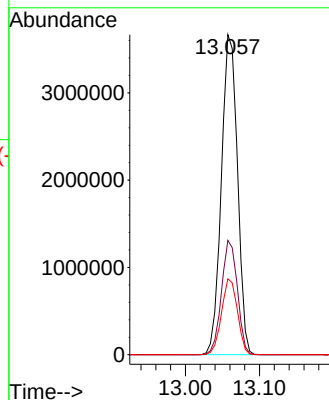
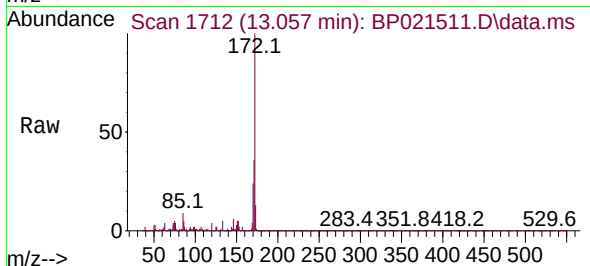
Tgt Ion:172 Resp: 5533381

Ion Ratio Lower Upper

172 100

171 35.7 28.2 42.4

170 23.7 18.4 27.6



#46

1,1'-Biphenyl

Concen: 4.285 ng

RT: 13.269 min Scan# 1748

Delta R.T. -0.012 min

Lab File: BP021511.D

Acq: 15 Aug 2024 12:43

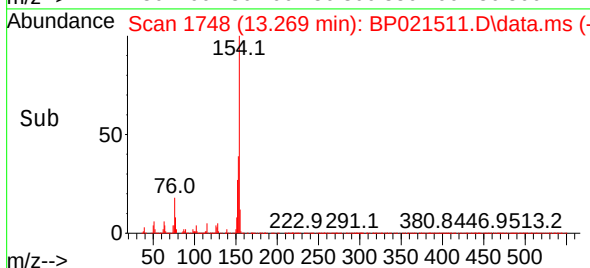
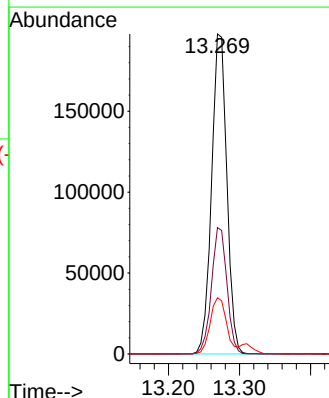
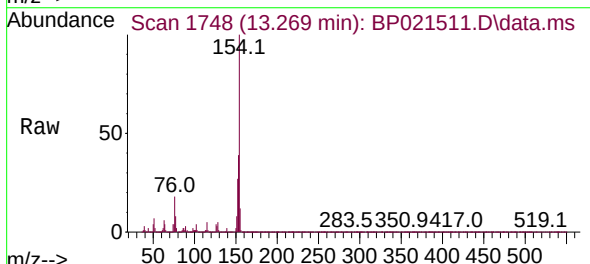
Tgt Ion:154 Resp: 294433

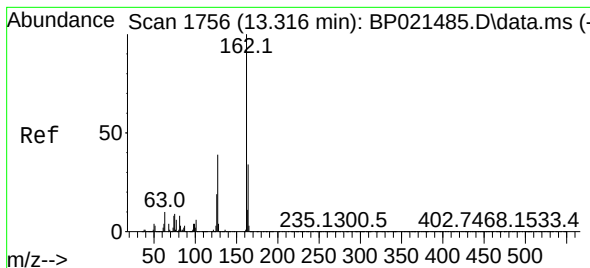
Ion Ratio Lower Upper

154 100

153 39.5 20.7 60.7

76 17.6 0.0 37.7





#47

2-Chloronaphthalene

Concen: 4.094 ng

RT: 13.310 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP021511.D

Acq: 15 Aug 2024 12:43

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT3-2024

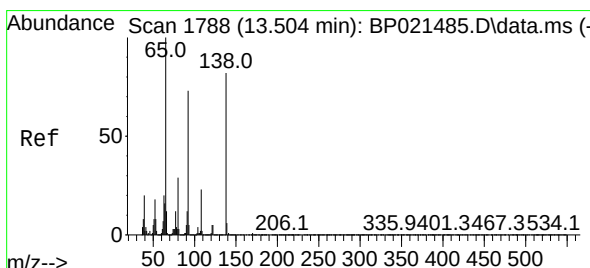
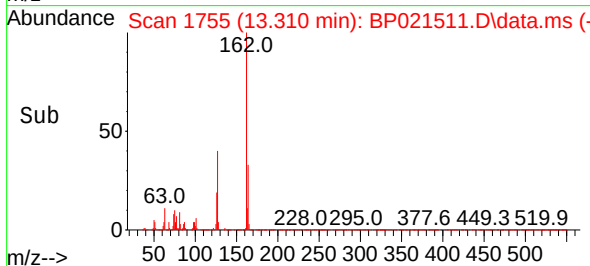
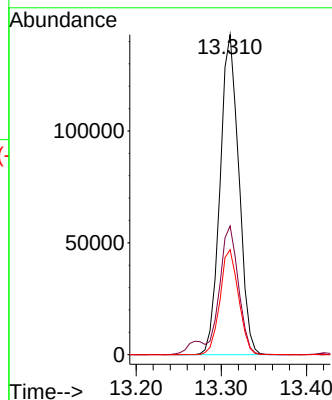
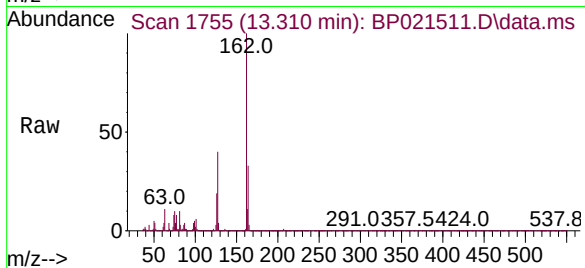
Tgt Ion:162 Resp: 219014

Ion Ratio Lower Upper

162 100

127 40.2 31.9 47.9

164 32.8 26.8 40.2



#48

2-Nitroaniline

Concen: 7.812 ng

RT: 13.498 min Scan# 1787

Delta R.T. -0.006 min

Lab File: BP021511.D

Acq: 15 Aug 2024 12:43

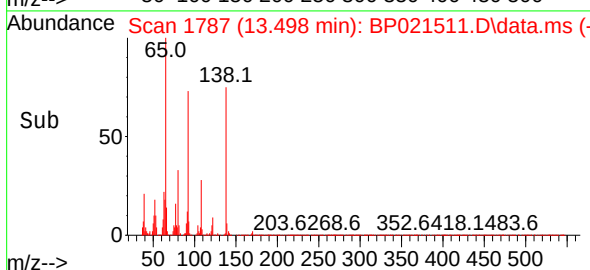
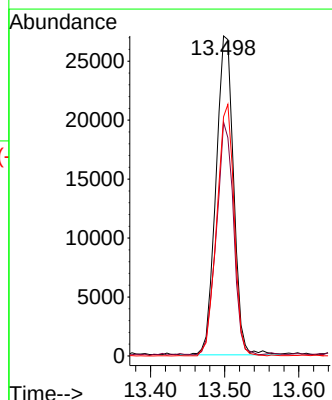
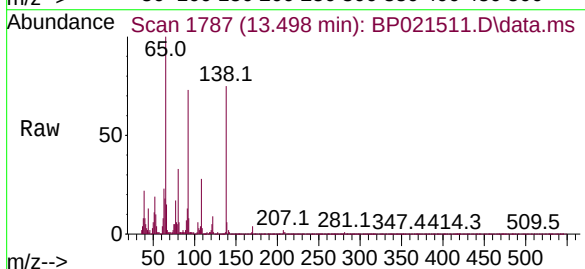
Tgt Ion: 65 Resp: 44742

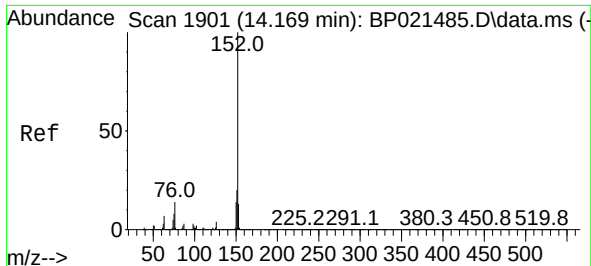
Ion Ratio Lower Upper

65 100

92 73.0 58.1 87.1

138 74.7 65.5 98.3

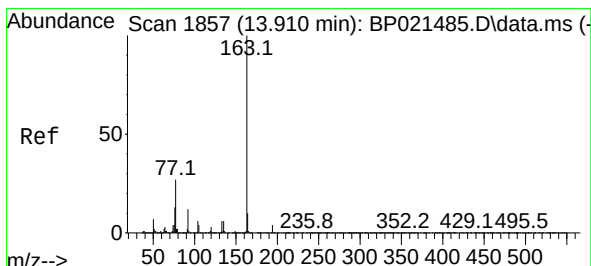
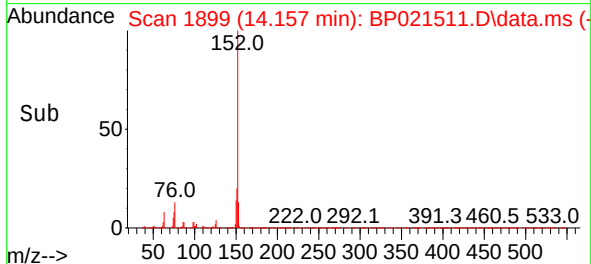
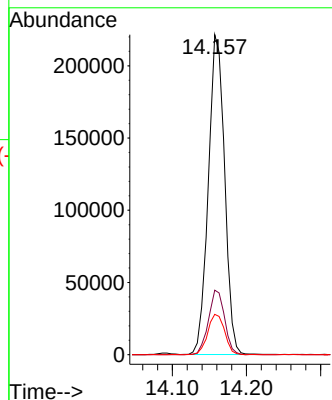
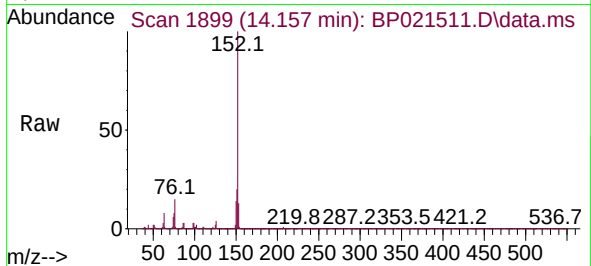




#49
Acenaphthylene
Concen: 4.298 ng
RT: 14.157 min Scan# 1899
Delta R.T. -0.012 min
Lab File: BP021511.D
Acq: 15 Aug 2024 12:43

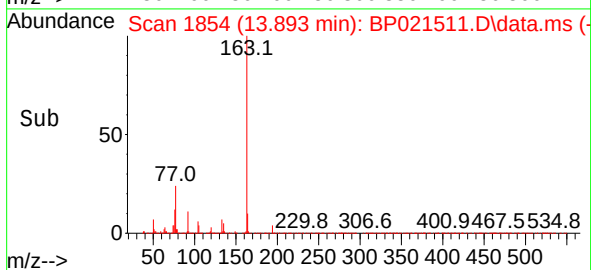
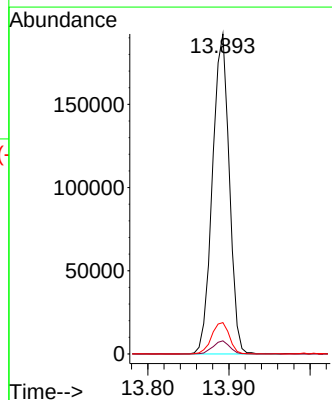
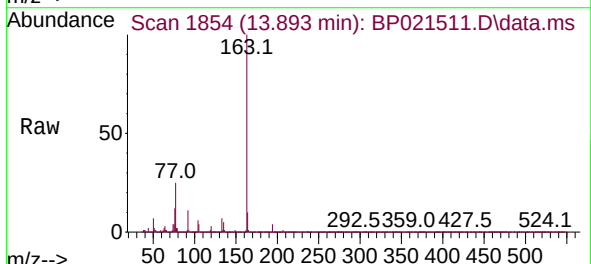
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT3-2024

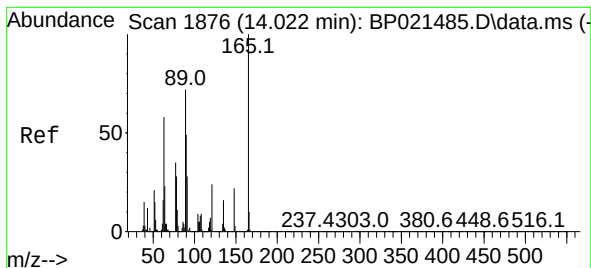
Tgt Ion:152 Resp: 338005
Ion Ratio Lower Upper
152 100
151 20.2 15.9 23.9
153 12.6 10.6 16.0



#50
Dimethylphthalate
Concen: 4.252 ng
RT: 13.893 min Scan# 1854
Delta R.T. -0.018 min
Lab File: BP021511.D
Acq: 15 Aug 2024 12:43

Tgt Ion:163 Resp: 276541
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 9.8 8.3 12.5





#51

2,6-Dinitrotoluene

Concen: 6.687 ng

RT: 13.998 min Scan# 1876

Delta R.T. -0.024 min

Lab File: BP021511.D

Acq: 15 Aug 2024 12:43

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT3-2024

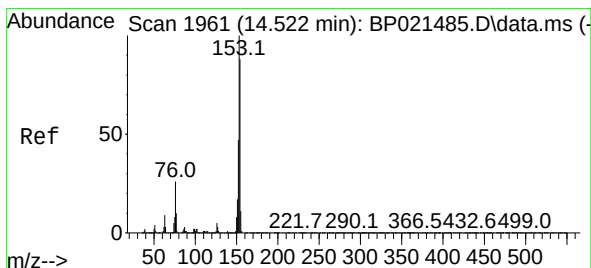
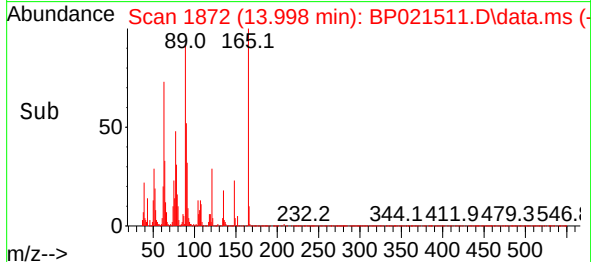
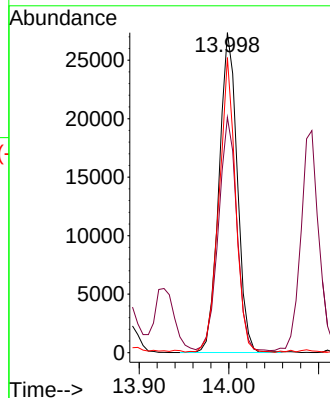
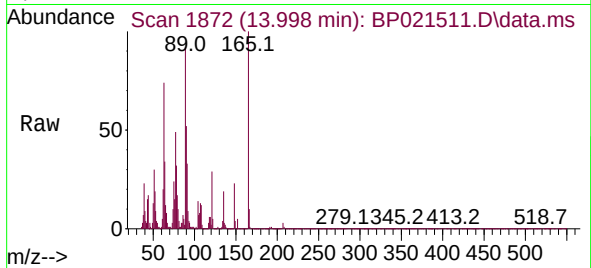
Tgt Ion:165 Resp: 38659

Ion Ratio Lower Upper

165 100

63 73.6 51.5 77.3

89 92.2 57.8 86.8#



#52

Acenaphthene

Concen: 4.038 ng

RT: 14.504 min Scan# 1958

Delta R.T. -0.018 min

Lab File: BP021511.D

Acq: 15 Aug 2024 12:43

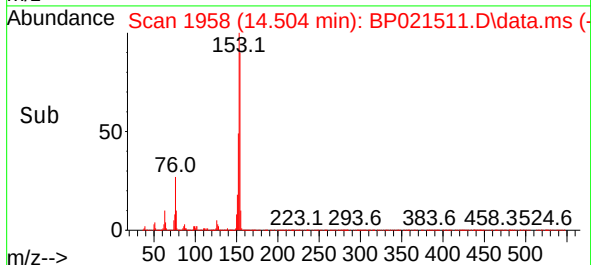
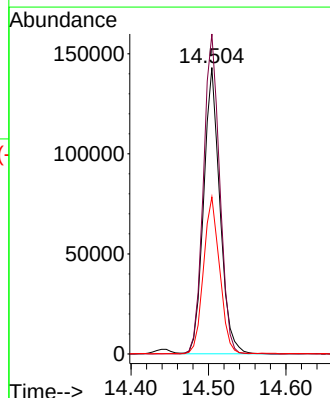
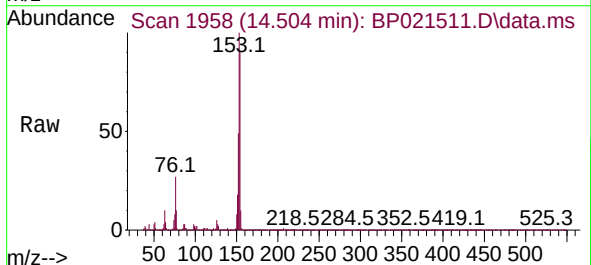
Tgt Ion:154 Resp: 208323

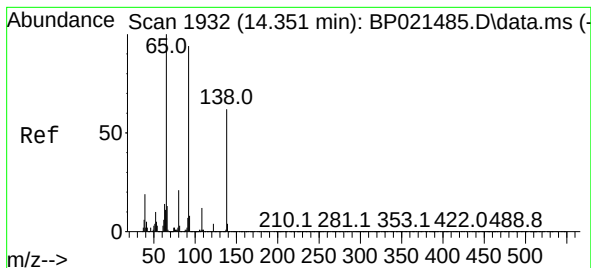
Ion Ratio Lower Upper

154 100

153 111.7 91.1 136.7

152 54.8 43.0 64.4





#53

3-Nitroaniline

Concen: 6.883 ng

RT: 14.328 min Scan# 1928

Delta R.T. -0.023 min

Lab File: BP021511.D

Acq: 15 Aug 2024 12:43

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT3-2024

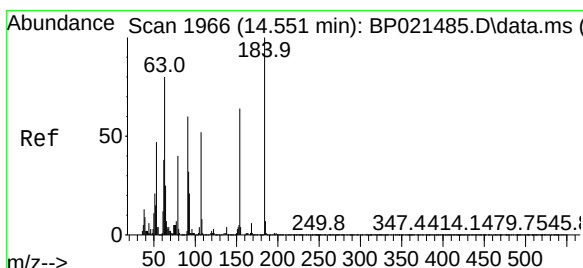
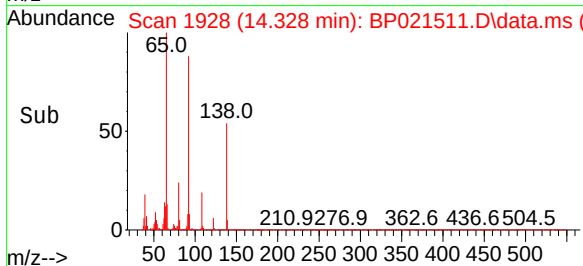
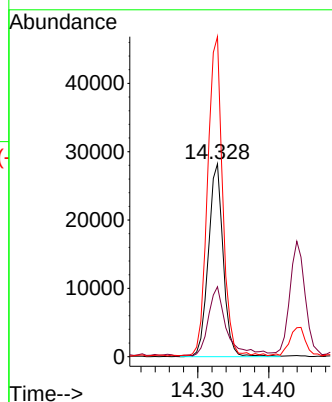
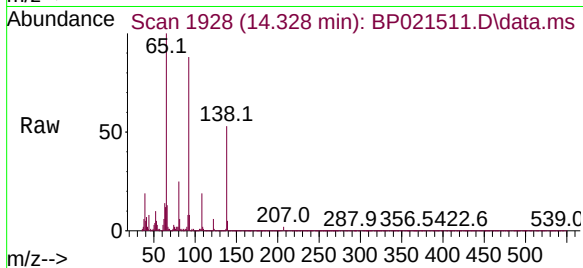
Tgt Ion:138 Resp: 40975

Ion Ratio Lower Upper

138 100

108 36.3 16.2 24.4#

92 166.0 122.2 183.4



#54

2,4-Dinitrophenol

Concen: 6.206 ng

RT: 14.534 min Scan# 1963

Delta R.T. -0.017 min

Lab File: BP021511.D

Acq: 15 Aug 2024 12:43

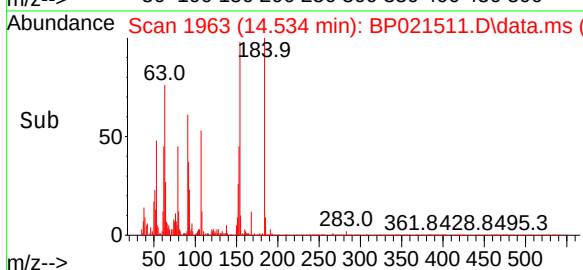
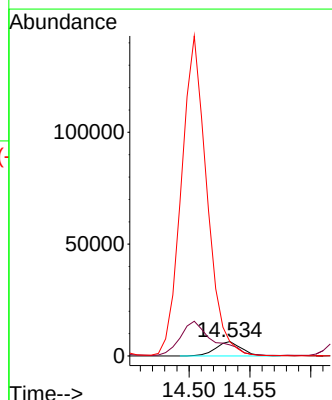
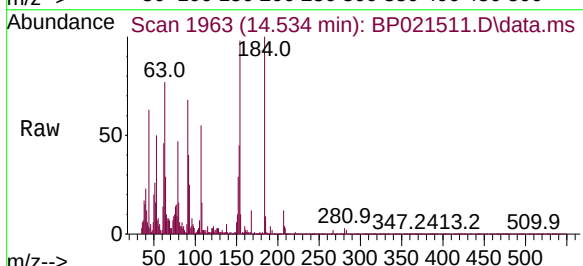
Tgt Ion:184 Resp: 9479

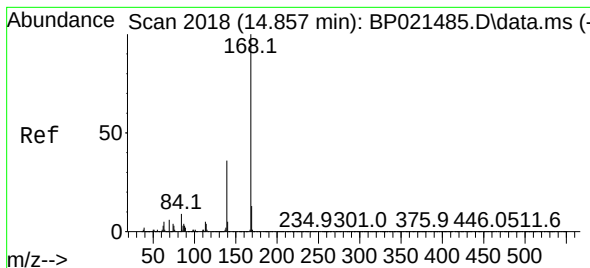
Ion Ratio Lower Upper

184 100

63 77.3 64.9 97.3

154 98.0 52.1 78.1#





#55

Dibenzenofuran

Concen: 4.338 ng

RT: 14.839 min Scan# 2018

Delta R.T. -0.018 min

Lab File: BP021511.D

Acq: 15 Aug 2024 12:43

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT3-2024

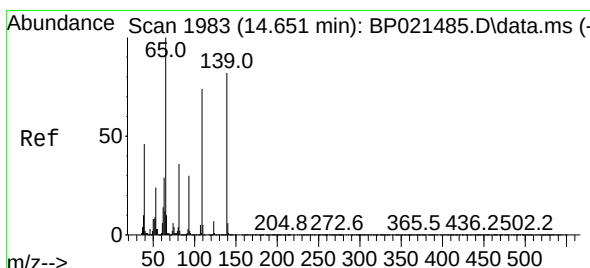
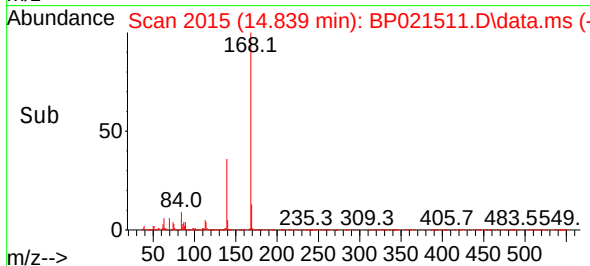
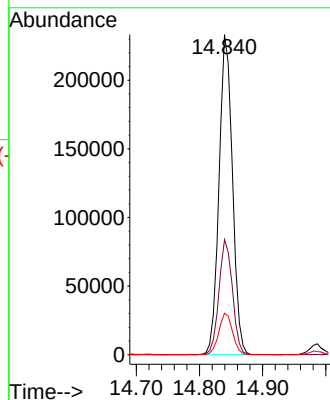
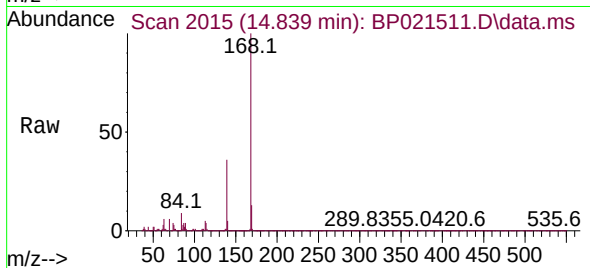
Tgt Ion:168 Resp: 344284

Ion Ratio Lower Upper

168 100

139 36.0 28.6 43.0

169 12.9 10.6 16.0



#56

4-Nitrophenol

Concen: 7.692 ng

RT: 14.628 min Scan# 1979

Delta R.T. -0.023 min

Lab File: BP021511.D

Acq: 15 Aug 2024 12:43

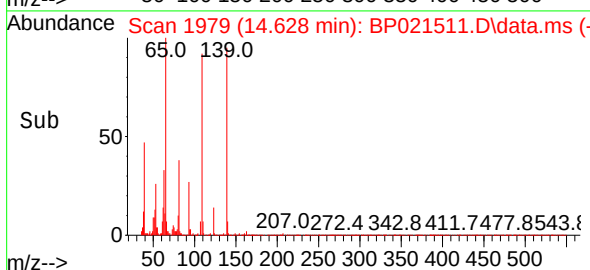
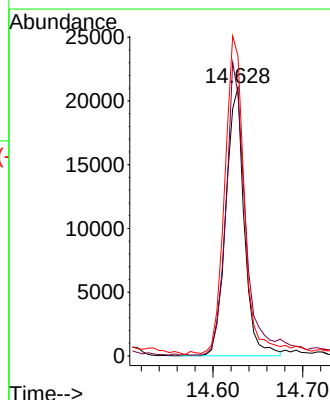
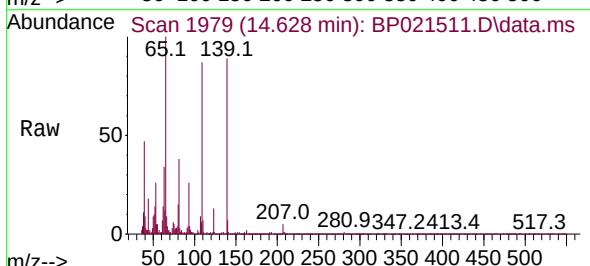
Tgt Ion:139 Resp: 30096

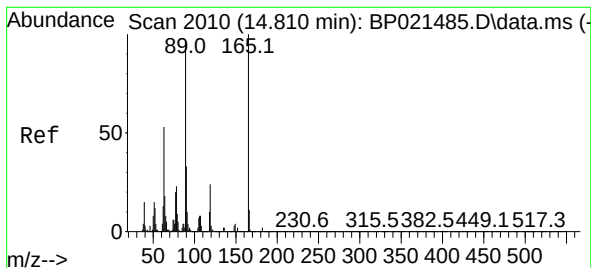
Ion Ratio Lower Upper

139 100

109 97.5 70.2 110.2

65 111.7 101.8 141.8





#57

2,4-Dinitrotoluene

Concen: 7.244 ng

RT: 14.792 min Scan# 2010

Delta R.T. -0.018 min

Lab File: BP021511.D

Acq: 15 Aug 2024 12:43

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT3-2024

Tgt Ion:165 Resp: 41412

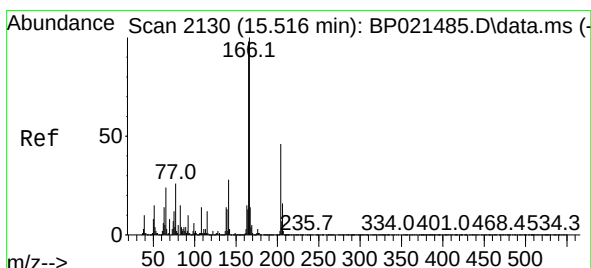
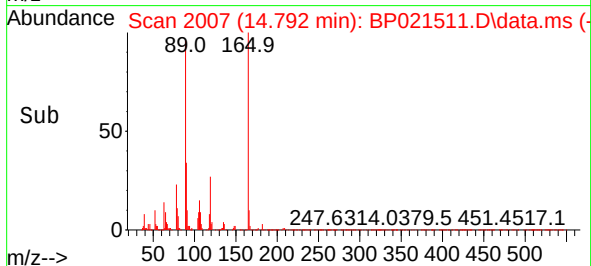
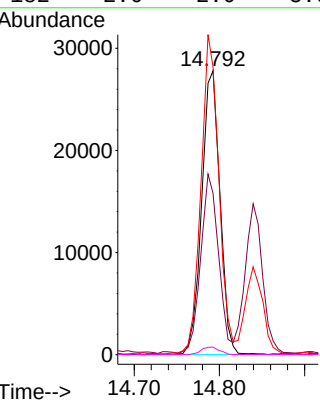
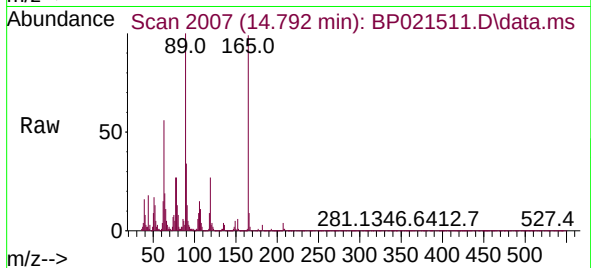
Ion Ratio Lower Upper

165 100

63 56.9 42.5 63.7

89 101.4 77.1 115.7

182 2.6 2.0 3.0



#58

Fluorene

Concen: 4.238 ng

RT: 15.504 min Scan# 2128

Delta R.T. -0.012 min

Lab File: BP021511.D

Acq: 15 Aug 2024 12:43

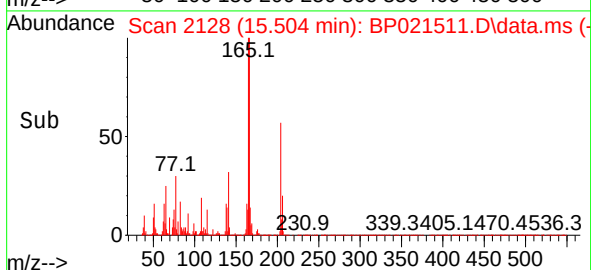
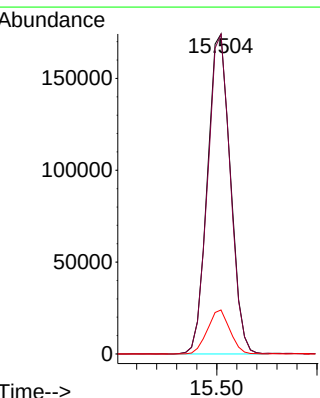
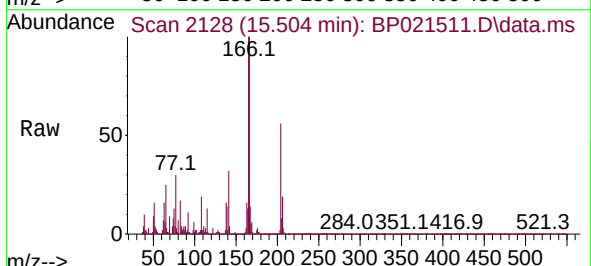
Tgt Ion:166 Resp: 276327

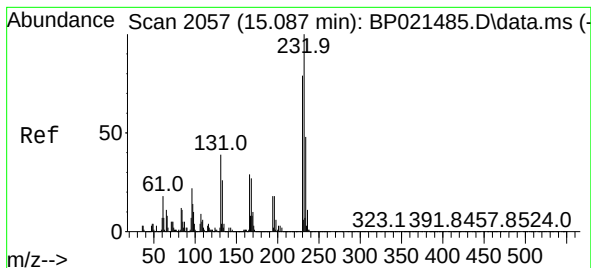
Ion Ratio Lower Upper

166 100

165 99.9 78.1 117.1

167 13.7 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 3.640 ng

RT: 15.069 min Scan# 2054

Delta R.T. -0.018 min

Lab File: BP021511.D

Acq: 15 Aug 2024 12:43

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT3-2024

Tgt Ion:232 Resp: 54261

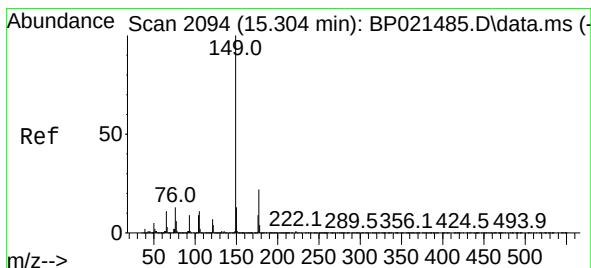
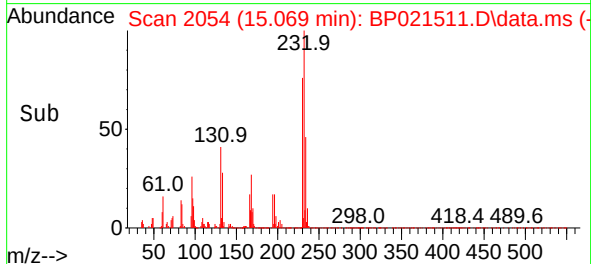
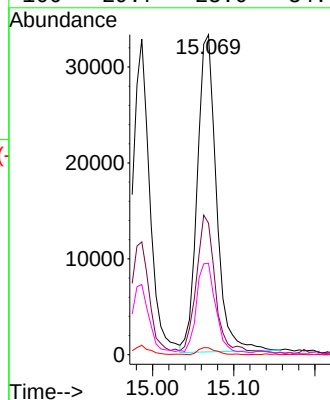
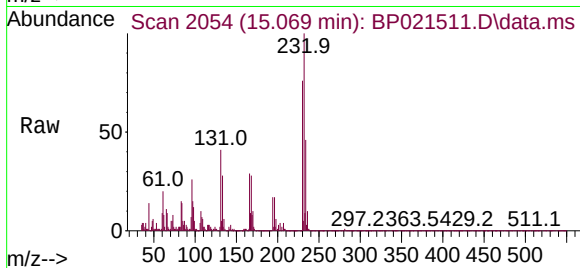
Ion Ratio Lower Upper

232 100

131 45.3 33.1 49.7

130 2.1 1.7 2.5

166 29.7 23.0 34.4



#60

Diethylphthalate

Concen: 4.067 ng

RT: 15.275 min Scan# 2089

Delta R.T. -0.029 min

Lab File: BP021511.D

Acq: 15 Aug 2024 12:43

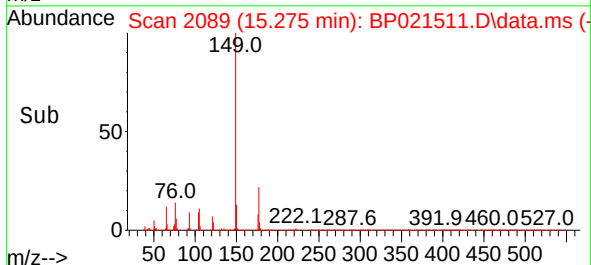
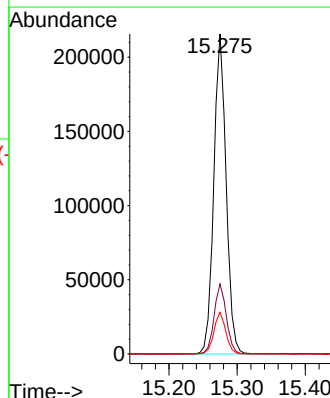
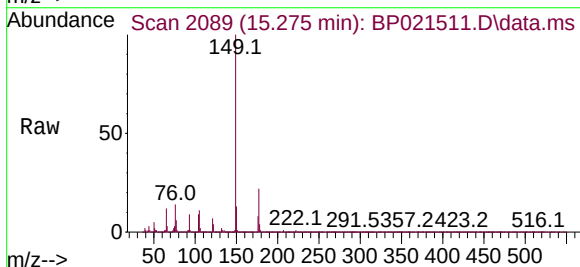
Tgt Ion:149 Resp: 271350

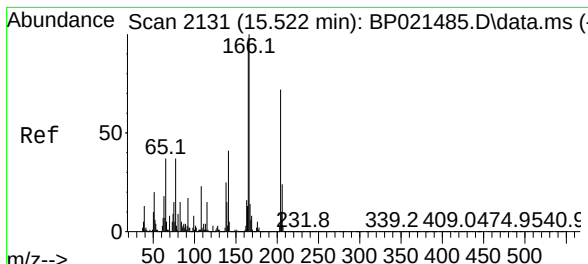
Ion Ratio Lower Upper

149 100

177 21.9 17.8 26.8

150 13.0 10.1 15.1

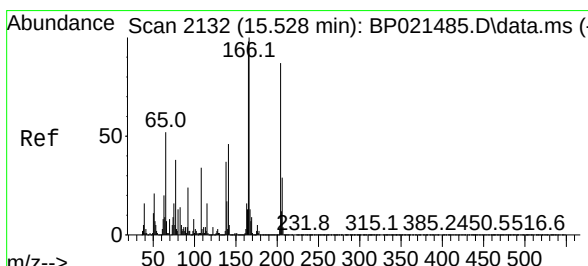
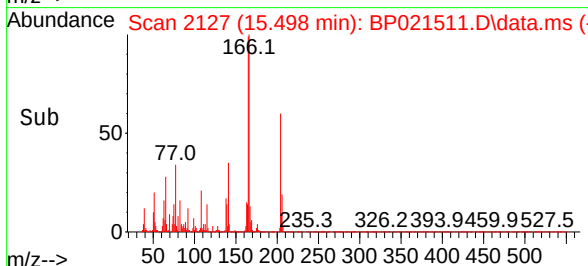
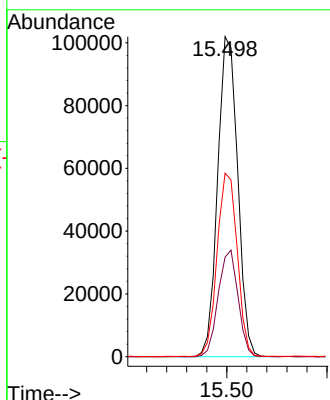
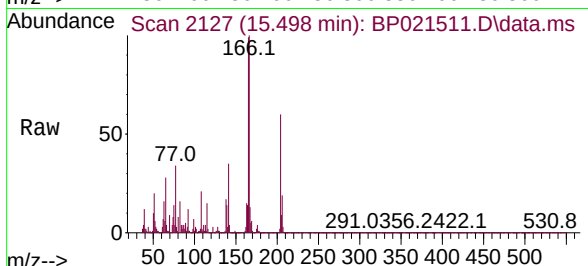




#61
4-Chlorophenyl-phenylether
Concen: 4.192 ng
RT: 15.498 min Scan# 2127
Delta R.T. -0.024 min
Lab File: BP021511.D
Acq: 15 Aug 2024 12:43

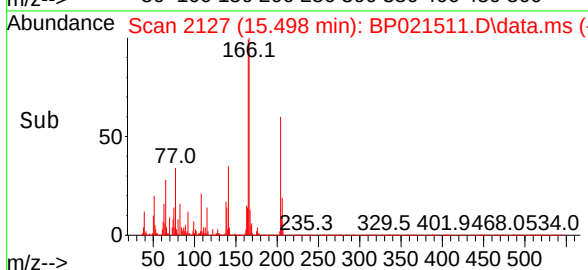
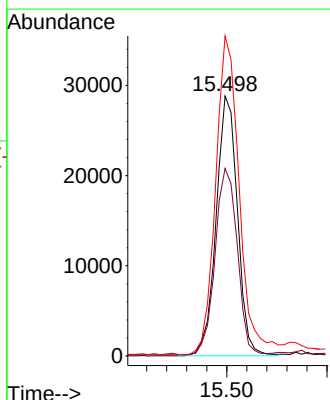
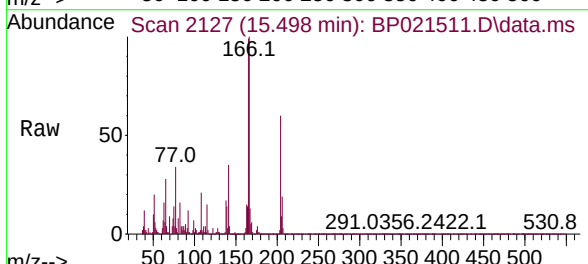
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT3-2024

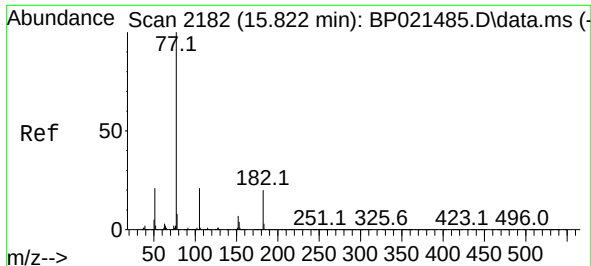
Tgt Ion:204 Resp: 141278
Ion Ratio Lower Upper
204 100
206 31.1 26.4 39.6
141 57.4 46.1 69.1



#62
4-Nitroaniline
Concen: 5.947 ng
RT: 15.498 min Scan# 2127
Delta R.T. -0.030 min
Lab File: BP021511.D
Acq: 15 Aug 2024 12:43

Tgt Ion:138 Resp: 42542
Ion Ratio Lower Upper
138 100
92 72.2 46.4 86.4
108 123.1 73.2 113.2#

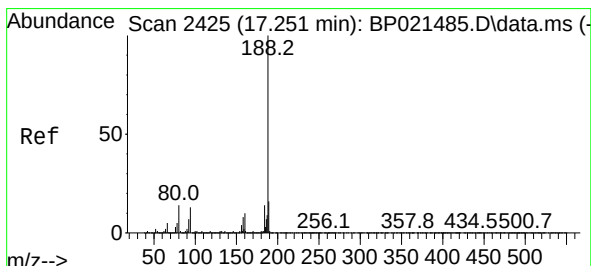
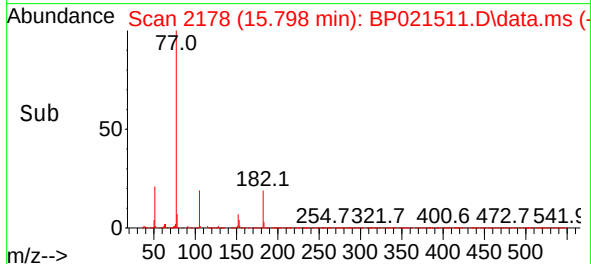
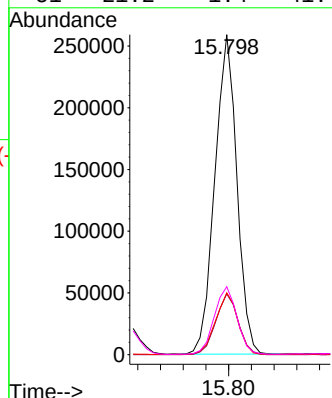
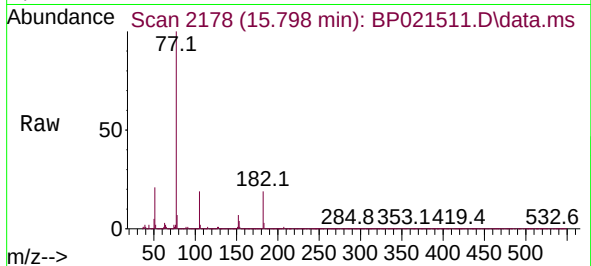




#63
Azobenzene
Concen: 4.253 ng
RT: 15.798 min Scan# 2182
Delta R.T. -0.024 min
Lab File: BP021511.D
Acq: 15 Aug 2024 12:43

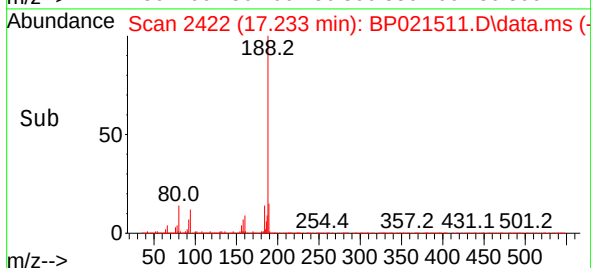
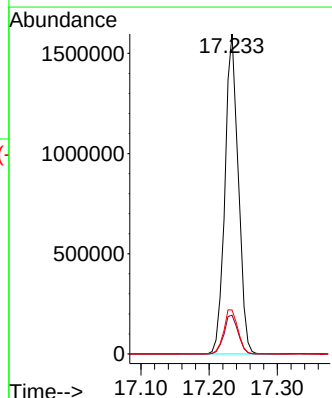
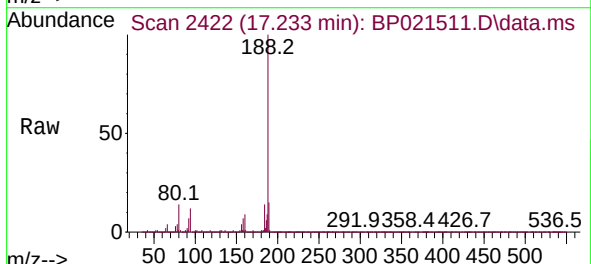
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT3-2024

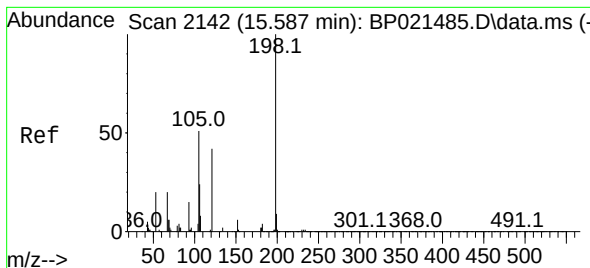
Tgt Ion: 77	Resp: 348885
Ion Ratio	Lower Upper
77 100	
182 19.0	0.0 39.9
105 19.3	0.9 40.9
51 21.2	1.4 41.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.233 min Scan# 2422
Delta R.T. -0.018 min
Lab File: BP021511.D
Acq: 15 Aug 2024 12:43

Tgt Ion:188	Resp: 2174560		
Ion Ratio	Lower	Upper	
188 100			
94 12.1	10.2	15.4	
80 13.7	11.6	17.4	

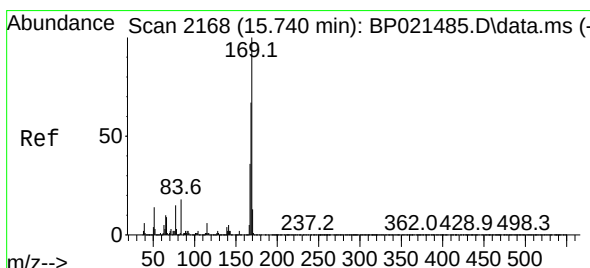
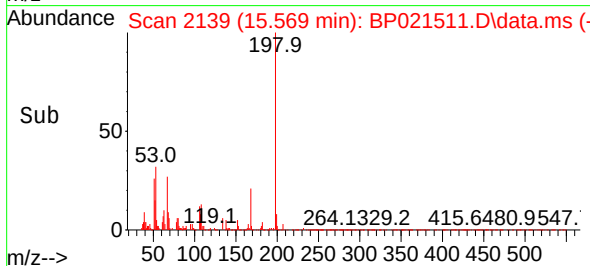
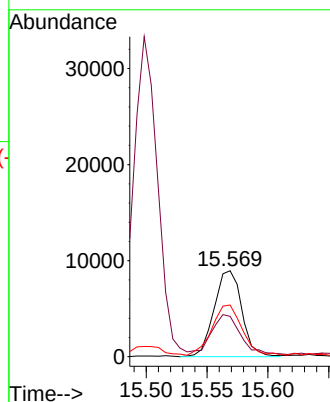
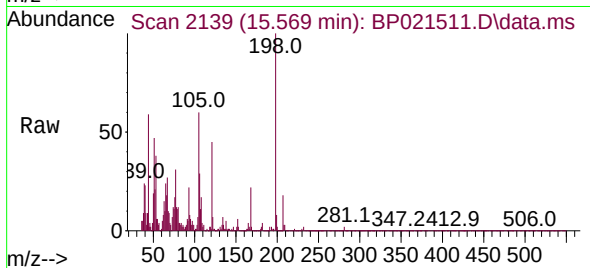




#65
4,6-Dinitro-2-methylphenol
Concen: 7.352 ng
RT: 15.569 min Scan# 2142
Delta R.T. -0.018 min
Lab File: BP021511.D
Acq: 15 Aug 2024 12:43

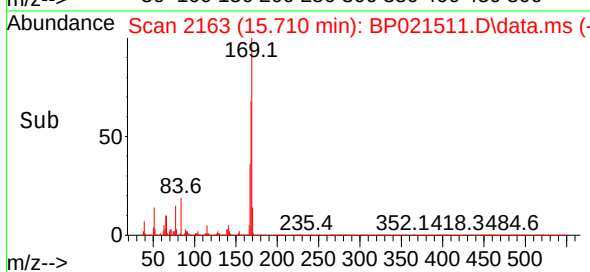
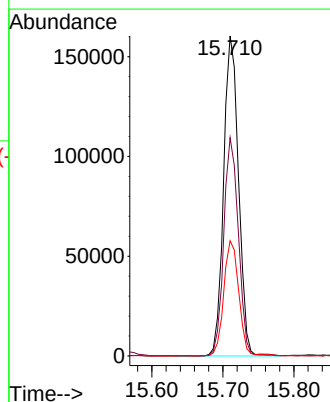
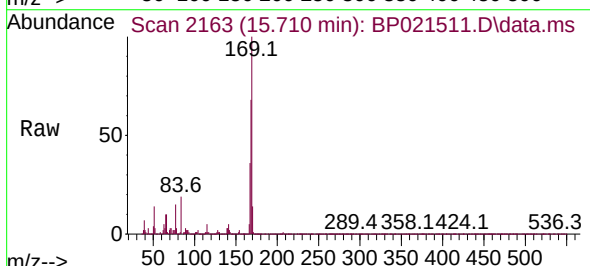
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT3-2024

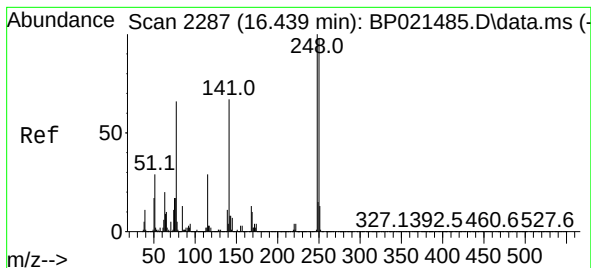
Tgt Ion:198 Resp: 14162
Ion Ratio Lower Upper
198 100
51 46.9 21.5 61.5
105 60.2 32.9 72.9



#66
n-Nitrosodiphenylamine
Concen: 3.990 ng
RT: 15.710 min Scan# 2163
Delta R.T. -0.029 min
Lab File: BP021511.D
Acq: 15 Aug 2024 12:43

Tgt Ion:169 Resp: 232508
Ion Ratio Lower Upper
169 100
168 68.2 53.4 80.2
167 36.0 28.7 43.1





#67

4-Bromophenyl-phenylether

Concen: 3.477 ng

RT: 16.410 min Scan# 21

Delta R.T. -0.029 min

Lab File: BP021511.D

Acq: 15 Aug 2024 12:43

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT3-2024

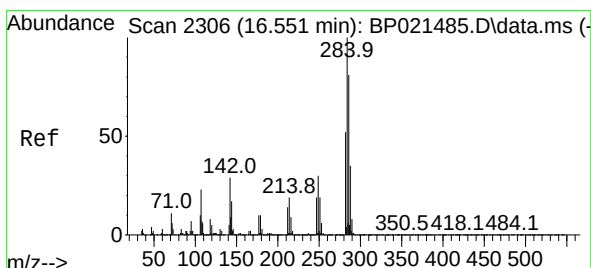
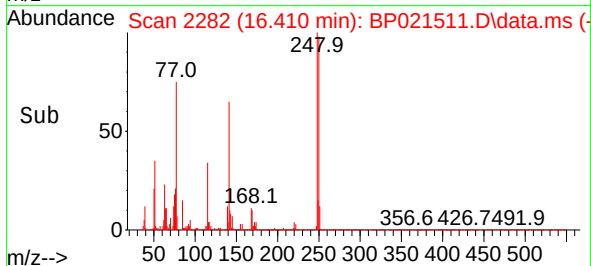
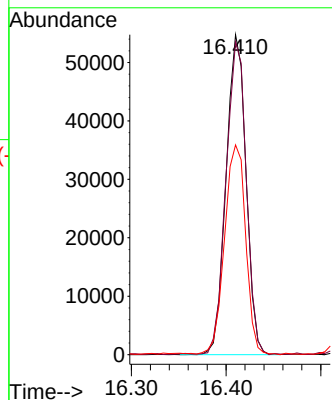
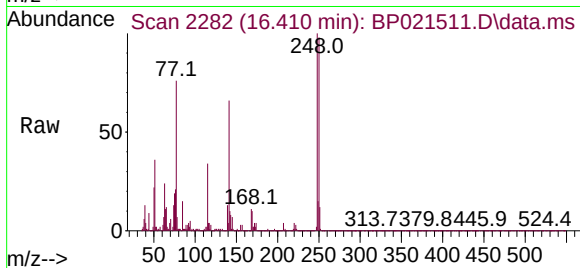
Tgt Ion:248 Resp: 80032

Ion Ratio Lower Upper

248 100

250 97.8 78.6 117.8

141 65.6 53.9 80.9



#68

Hexachlorobenzene

Concen: 3.912 ng

RT: 16.528 min Scan# 2302

Delta R.T. -0.024 min

Lab File: BP021511.D

Acq: 15 Aug 2024 12:43

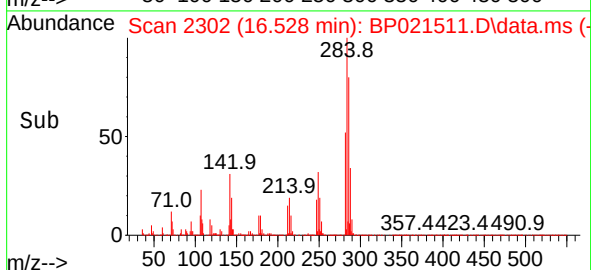
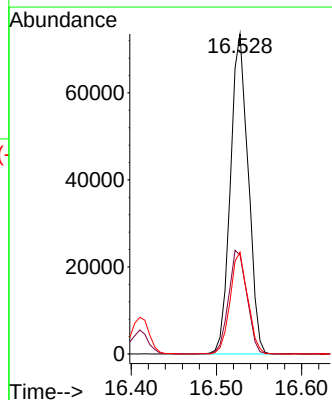
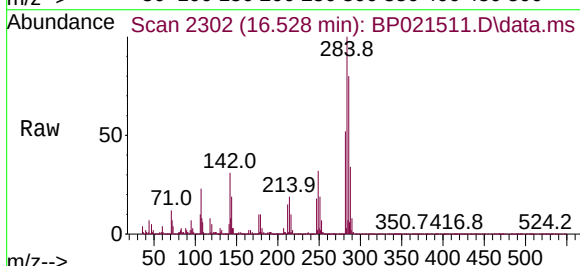
Tgt Ion:284 Resp: 106403

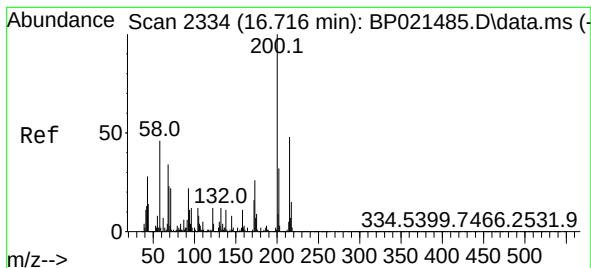
Ion Ratio Lower Upper

284 100

142 30.9 23.4 35.2

249 31.8 24.1 36.1





#69

Atrazine

Concen: 4.064 ng

RT: 16.686 min Scan# 21

Delta R.T. -0.029 min

Lab File: BP021511.D

Acq: 15 Aug 2024 12:43

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT3-2024

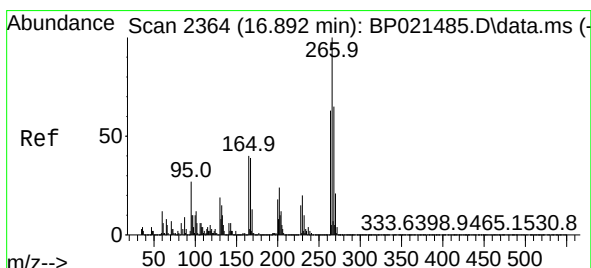
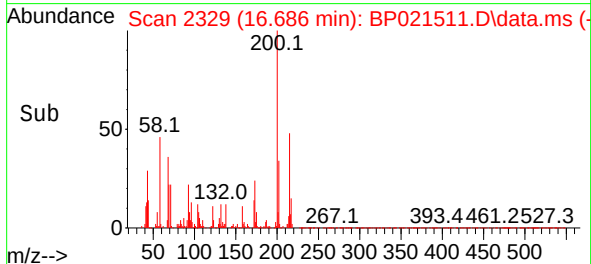
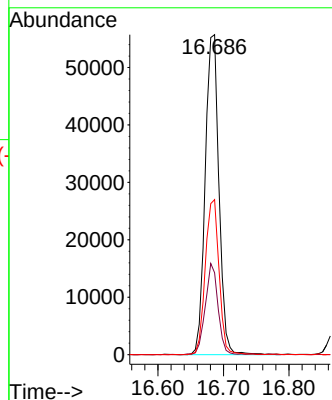
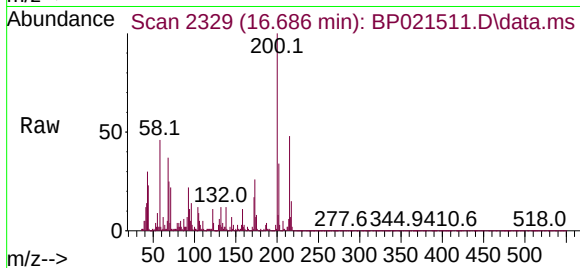
Tgt Ion:200 Resp: 81306

Ion Ratio Lower Upper

200 100

173 25.6 6.2 46.2

215 48.5 28.4 68.4



#70

Pentachlorophenol

Concen: 2.765 ng

RT: 16.875 min Scan# 2361

Delta R.T. -0.017 min

Lab File: BP021511.D

Acq: 15 Aug 2024 12:43

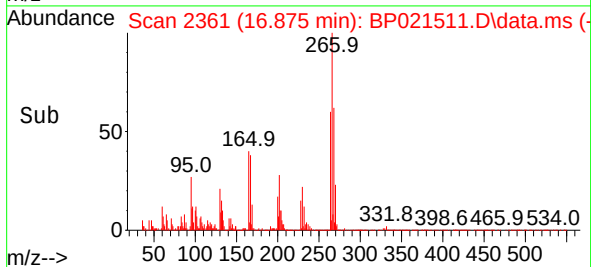
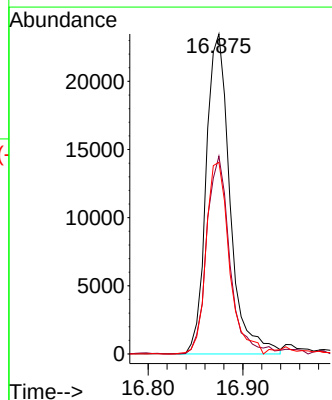
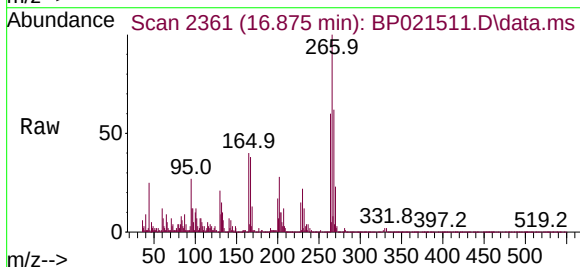
Tgt Ion:266 Resp: 41045

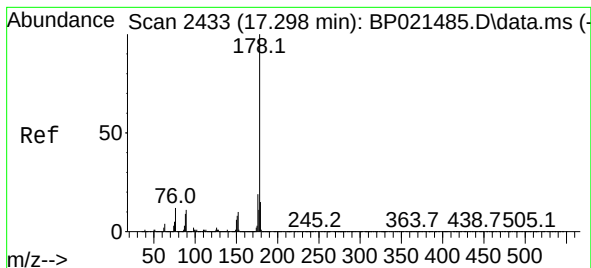
Ion Ratio Lower Upper

266 100

268 61.8 51.8 77.6

264 59.9 50.5 75.7





#71

Phenanthrene

Concen: 4.332 ng

RT: 17.275 min Scan# 2429

Delta R.T. -0.024 min

Lab File: BP021511.D

Acq: 15 Aug 2024 12:43

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT3-2024

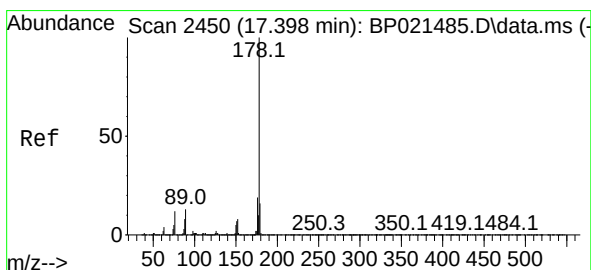
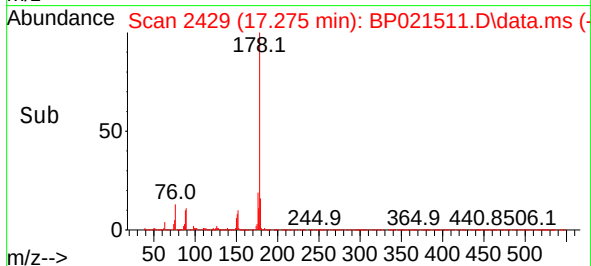
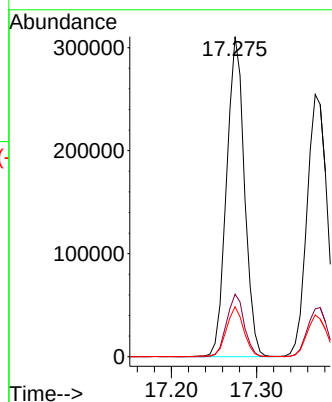
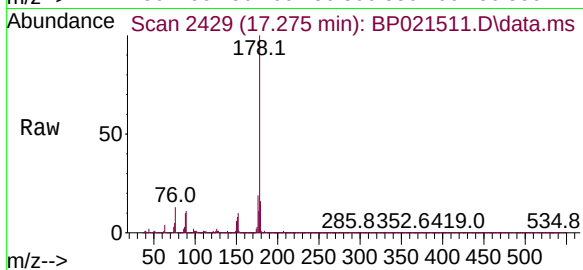
Tgt Ion:178 Resp: 453059

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.2

179 15.6 12.4 18.6



#72

Anthracene

Concen: 4.095 ng

RT: 17.369 min Scan# 2445

Delta R.T. -0.029 min

Lab File: BP021511.D

Acq: 15 Aug 2024 12:43

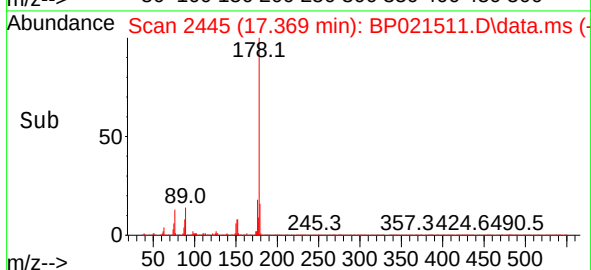
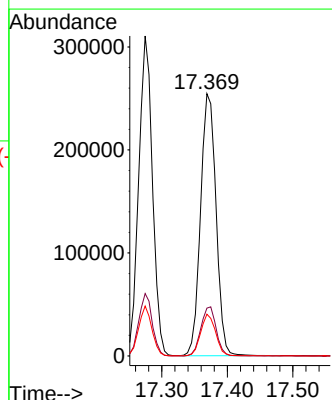
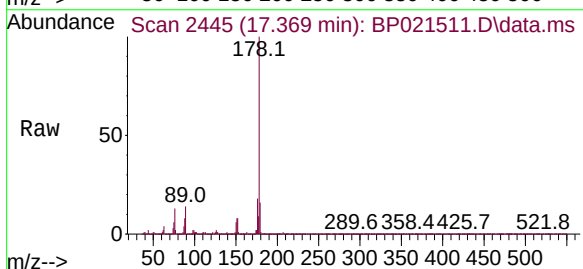
Tgt Ion:178 Resp: 419961

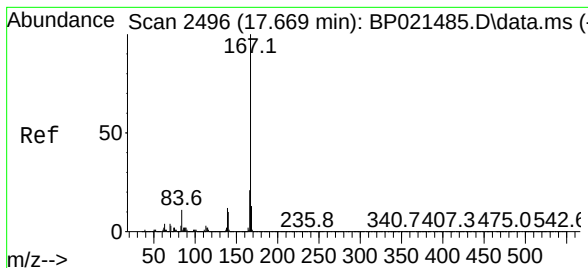
Ion Ratio Lower Upper

178 100

176 18.2 14.9 22.3

179 15.9 12.5 18.7





#73

Carbazole

Concen: 4.065 ng

RT: 17.639 min Scan# 2496

Delta R.T. -0.029 min

Lab File: BP021511.D

Acq: 15 Aug 2024 12:43

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT3-2024

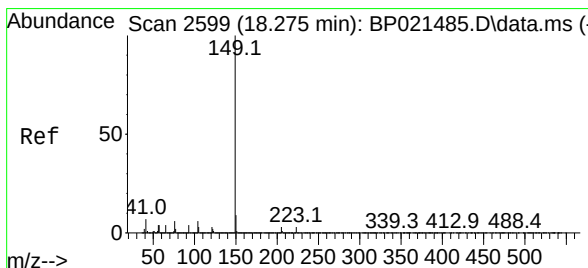
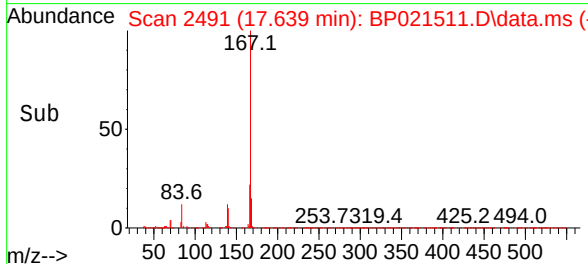
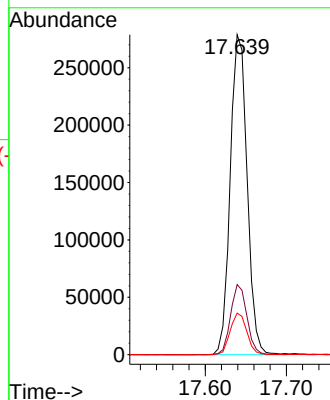
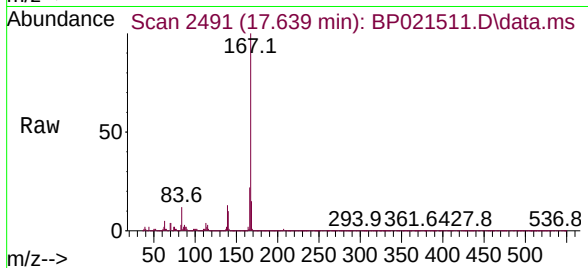
Tgt Ion:167 Resp: 401758

Ion Ratio Lower Upper

167 100

166 21.9 17.0 25.4

139 13.0 9.9 14.9



#74

Di-n-butylphthalate

Concen: 3.458 ng

RT: 18.251 min Scan# 2595

Delta R.T. -0.024 min

Lab File: BP021511.D

Acq: 15 Aug 2024 12:43

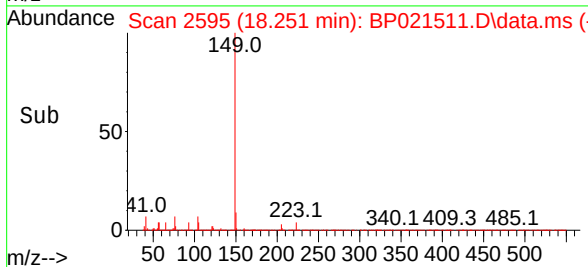
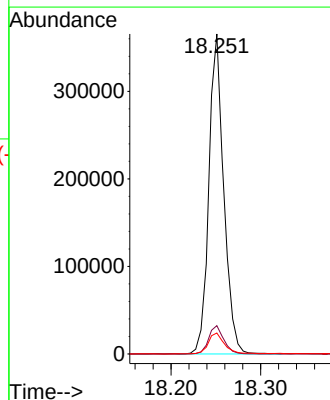
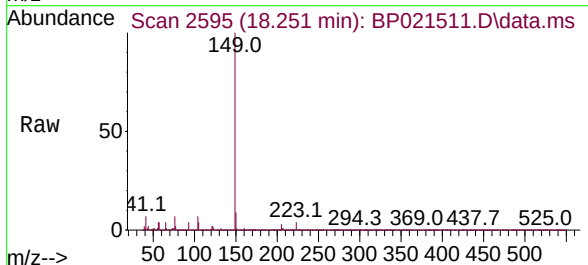
Tgt Ion:149 Resp: 419758

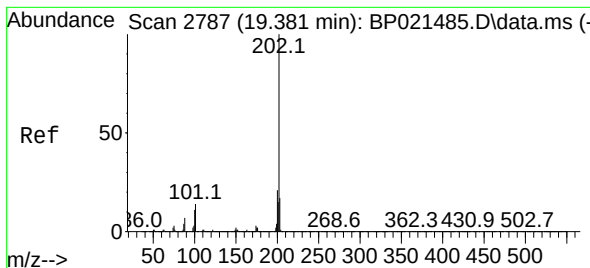
Ion Ratio Lower Upper

149 100

150 8.8 7.5 11.3

104 6.6 4.9 7.3





#75

Fluoranthene

Concen: 4.003 ng

RT: 19.357 min Scan# 21

Delta R.T. -0.024 min

Lab File: BP021511.D

Acq: 15 Aug 2024 12:43

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT3-2024

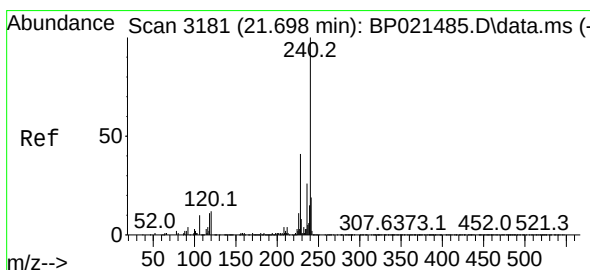
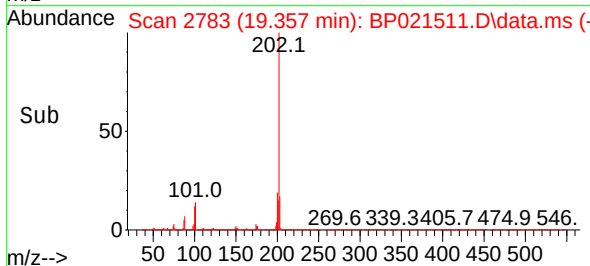
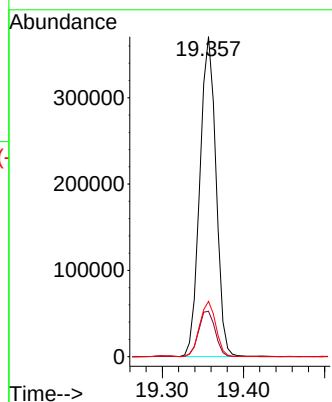
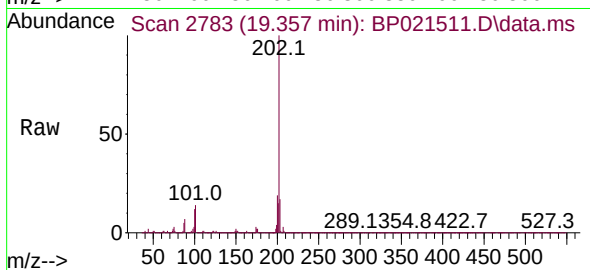
Tgt Ion:202 Resp: 513652

Ion Ratio Lower Upper

202 100

101 14.2 0.0 34.0

203 17.3 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.680 min Scan# 3178

Delta R.T. -0.018 min

Lab File: BP021511.D

Acq: 15 Aug 2024 12:43

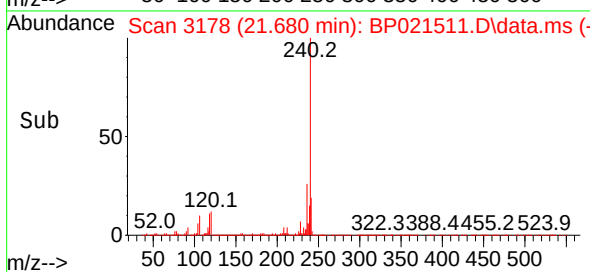
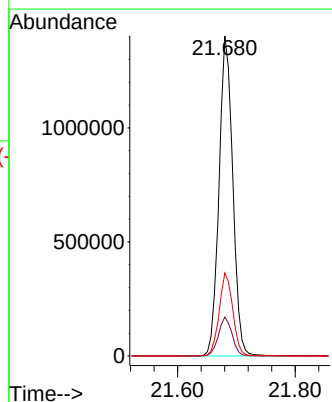
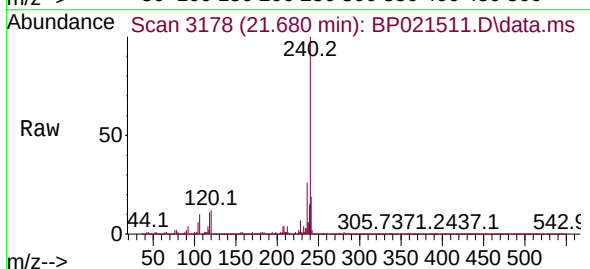
Tgt Ion:240 Resp: 2274673

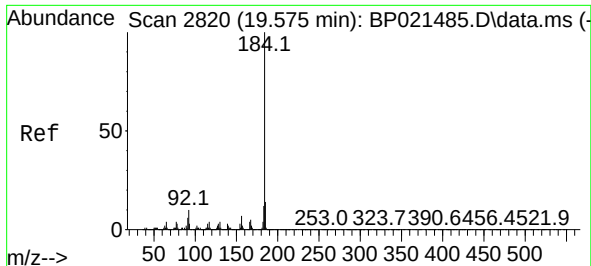
Ion Ratio Lower Upper

240 100

120 12.1 9.9 14.9

236 25.9 20.6 30.8

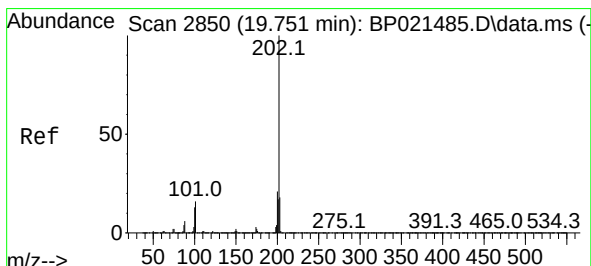
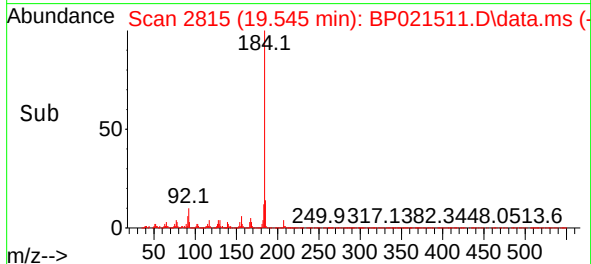
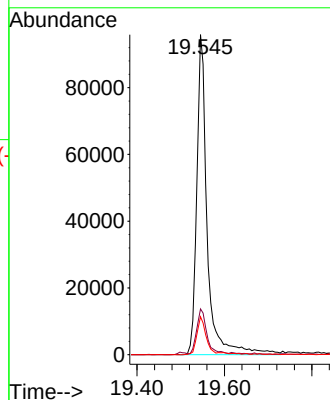
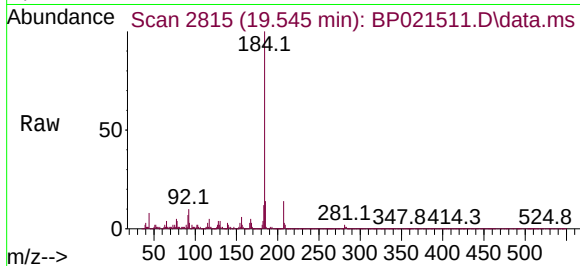




#77
Benzidine
Concen: 6.883 ng
RT: 19.545 min Scan# 2815
Delta R.T. -0.030 min
Lab File: BP021511.D
Acq: 15 Aug 2024 12:43

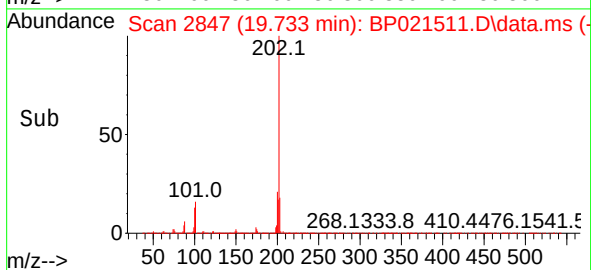
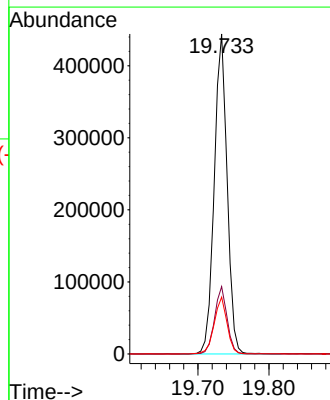
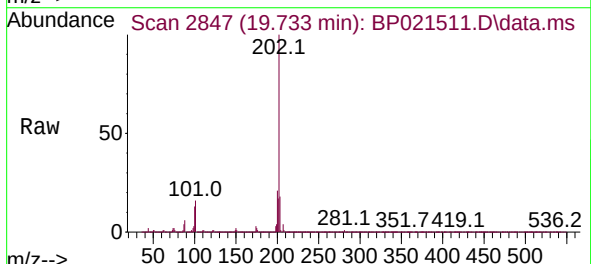
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT3-2024

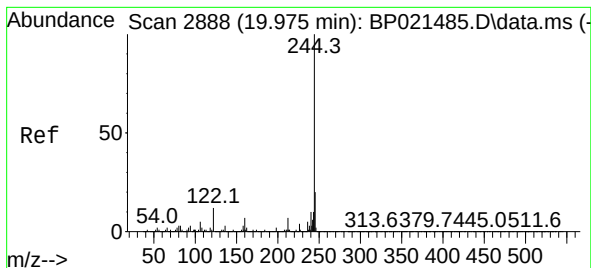
Tgt Ion:184 Resp: 159632
Ion Ratio Lower Upper
184 100
185 14.3 11.4 17.0
183 11.8 9.3 13.9



#78
Pyrene
Concen: 3.756 ng
RT: 19.733 min Scan# 2847
Delta R.T. -0.018 min
Lab File: BP021511.D
Acq: 15 Aug 2024 12:43

Tgt Ion:202 Resp: 558440
Ion Ratio Lower Upper
202 100
200 21.0 16.7 25.1
203 17.8 14.1 21.1





#79

Terphenyl-d14

Concen: 79.321 ng

RT: 19.957 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP021511.D

Acq: 15 Aug 2024 12:43

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT3-2024

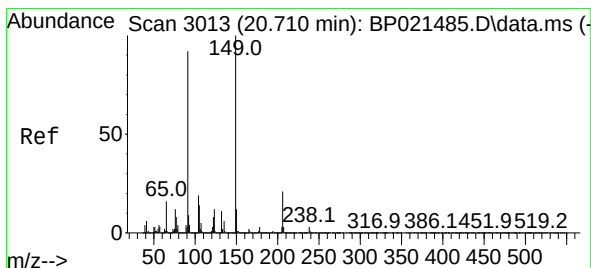
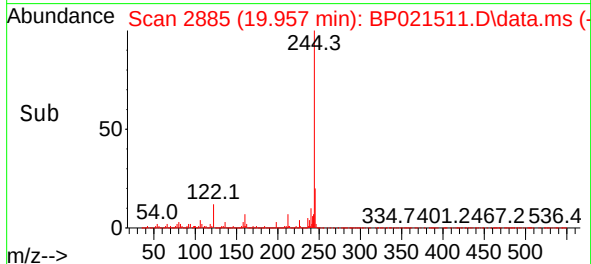
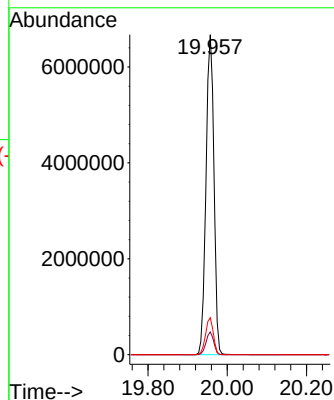
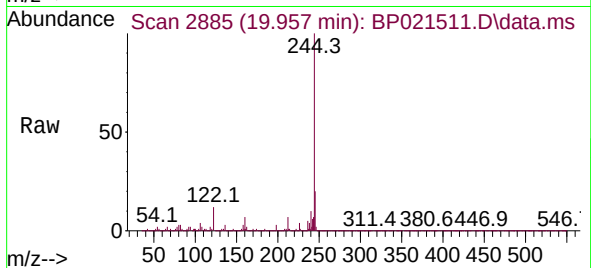
Tgt Ion:244 Resp: 9287362

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 11.6 9.4 14.2



#80

Butylbenzylphthalate

Concen: 5.670 ng

RT: 20.686 min Scan# 3009

Delta R.T. -0.024 min

Lab File: BP021511.D

Acq: 15 Aug 2024 12:43

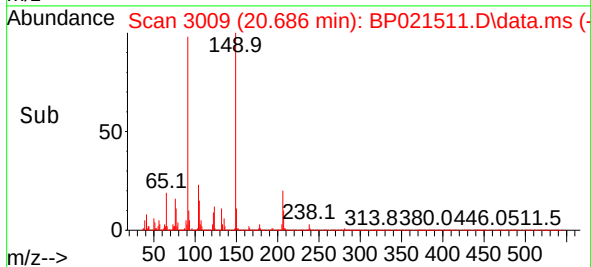
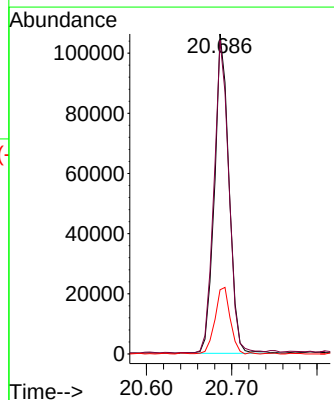
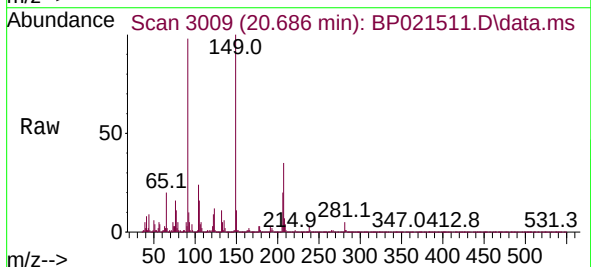
Tgt Ion:149 Resp: 126141

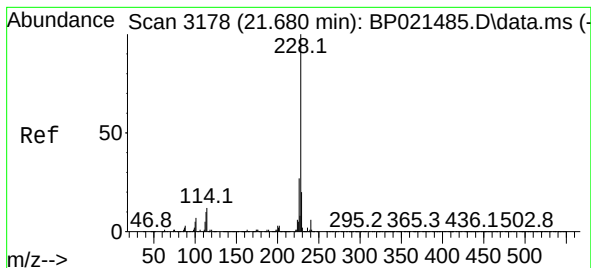
Ion Ratio Lower Upper

149 100

91 98.0 73.3 109.9

206 20.1 17.1 25.7





#81

Benzo(a)anthracene

Concen: 4.118 ng

RT: 21.663 min Scan# 3175

Delta R.T. -0.018 min

Lab File: BP021511.D

Acq: 15 Aug 2024 12:43

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT3-2024

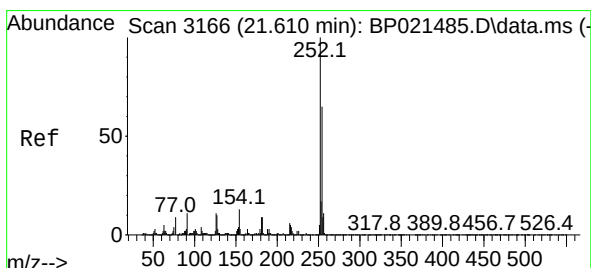
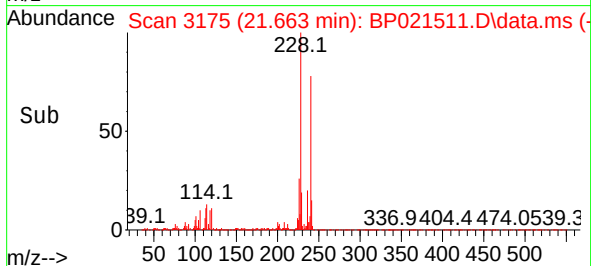
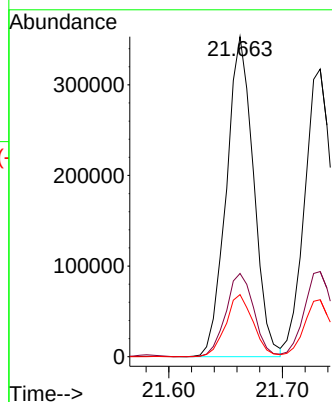
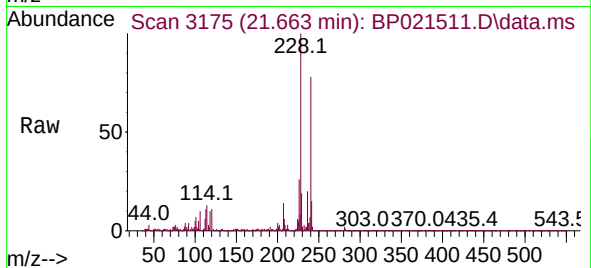
Tgt Ion:228 Resp: 587967

Ion Ratio Lower Upper

228 100

226 26.0 21.4 32.2

229 19.4 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 3.667 ng

RT: 21.580 min Scan# 3161

Delta R.T. -0.029 min

Lab File: BP021511.D

Acq: 15 Aug 2024 12:43

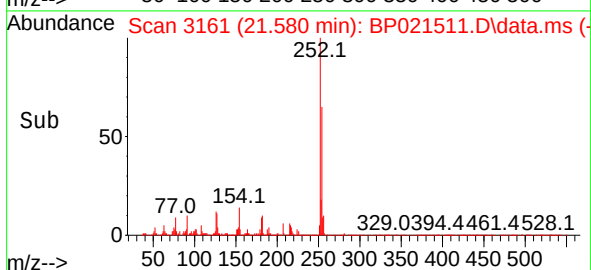
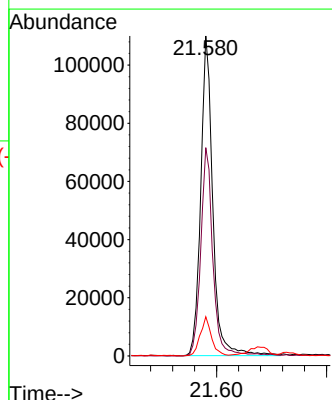
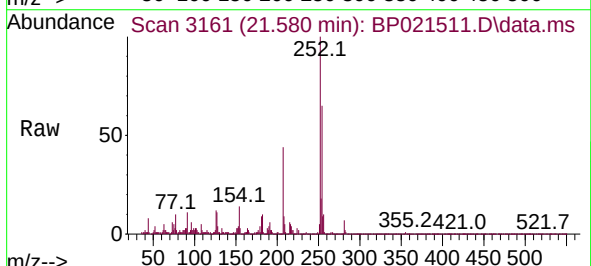
Tgt Ion:252 Resp: 167908

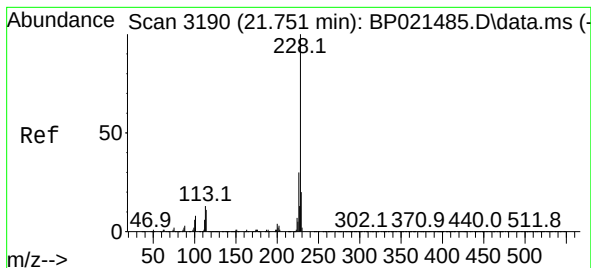
Ion Ratio Lower Upper

252 100

254 65.1 51.7 77.5

126 12.3 8.7 13.1





#83

Chrysene

Concen: 4.084 ng

RT: 21.733 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP021511.D

Acq: 15 Aug 2024 12:43

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT3-2024

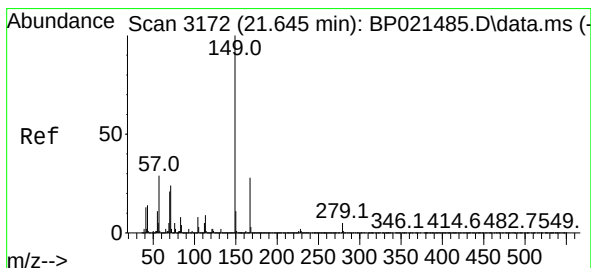
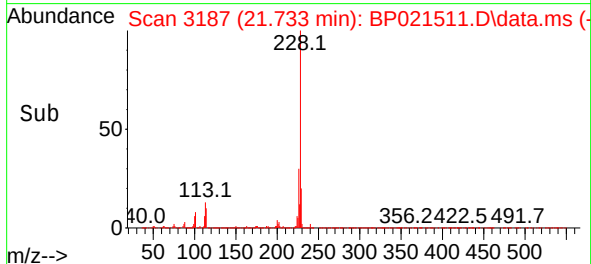
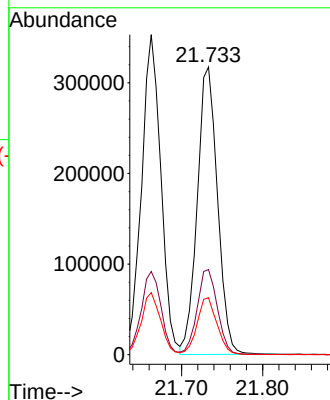
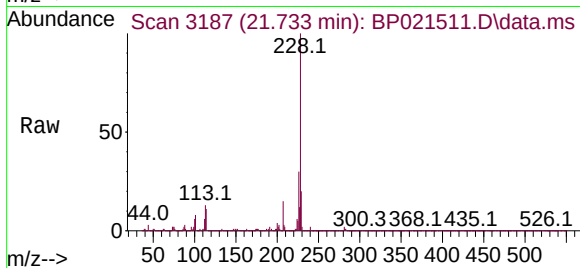
Tgt Ion:228 Resp: 550631

Ion Ratio Lower Upper

228 100

226 29.6 23.9 35.9

229 19.8 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.009 ng

RT: 21.627 min Scan# 3169

Delta R.T. -0.018 min

Lab File: BP021511.D

Acq: 15 Aug 2024 12:43

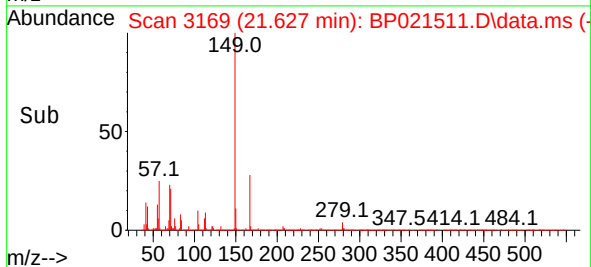
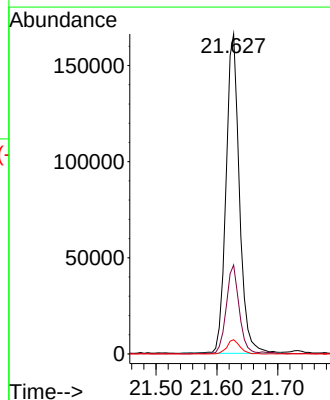
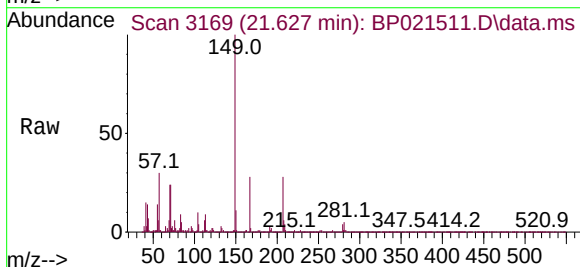
Tgt Ion:149 Resp: 253922

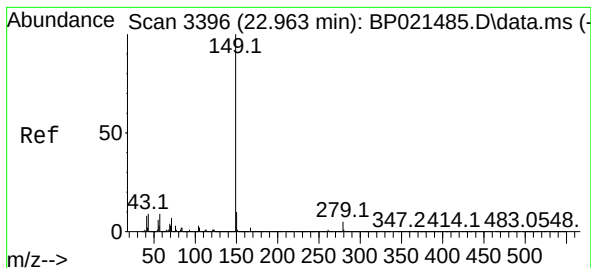
Ion Ratio Lower Upper

149 100

167 27.8 22.3 33.5

279 4.4 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 6.732 ng

RT: 22.939 min Scan# 31

Delta R.T. -0.024 min

Lab File: BP021511.D

Acq: 15 Aug 2024 12:43

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT3-2024

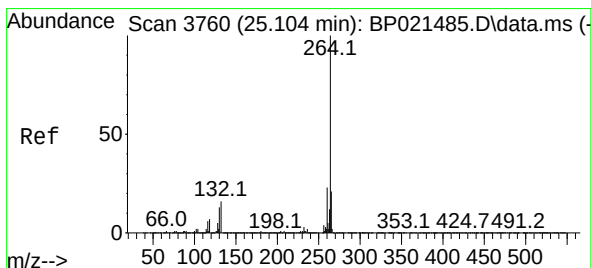
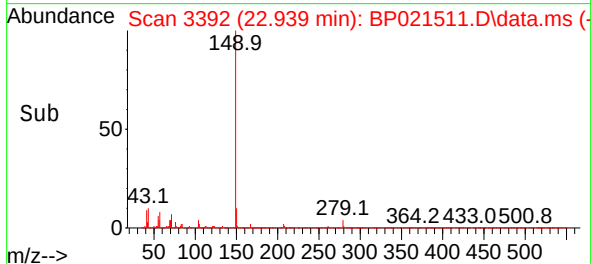
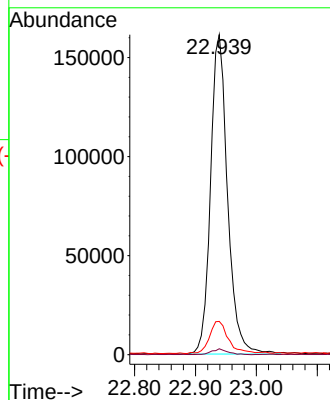
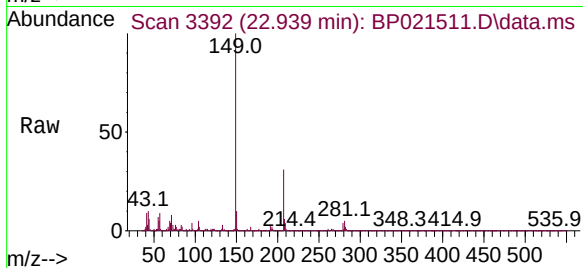
Tgt Ion:149 Resp: 312488

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 11.2 7.3 10.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.092 min Scan# 3758

Delta R.T. -0.012 min

Lab File: BP021511.D

Acq: 15 Aug 2024 12:43

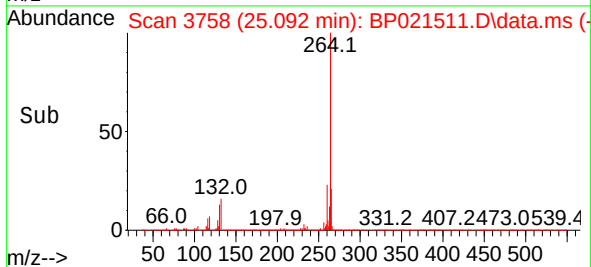
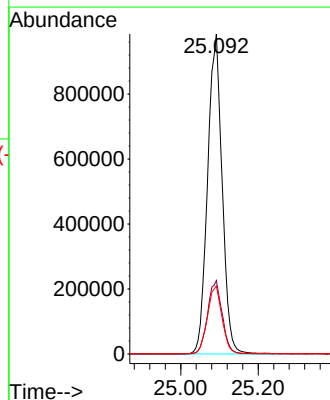
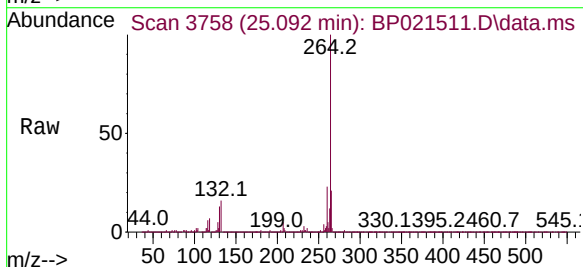
Tgt Ion:264 Resp: 2564034

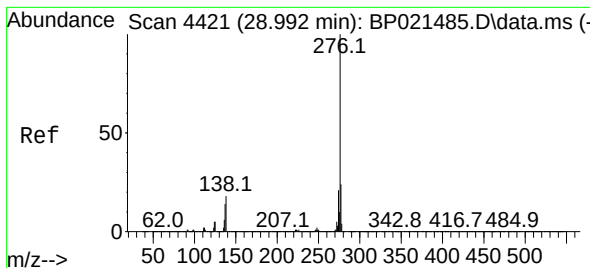
Ion Ratio Lower Upper

264 100

260 22.9 18.6 28.0

265 21.3 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.025 ng

RT: 28.927 min Scan# 4421

Delta R.T. -0.065 min

Lab File: BP021511.D

Acq: 15 Aug 2024 12:43

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT3-2024

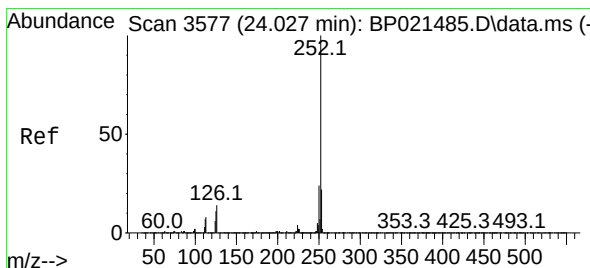
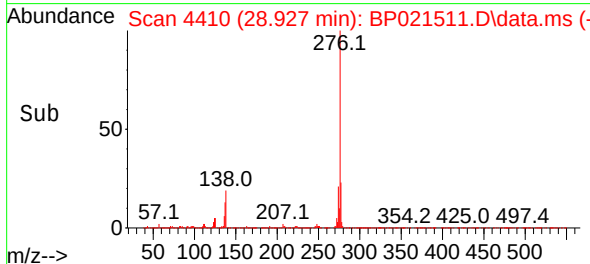
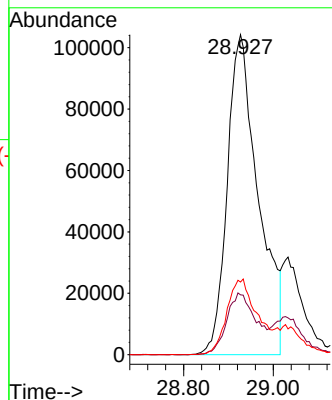
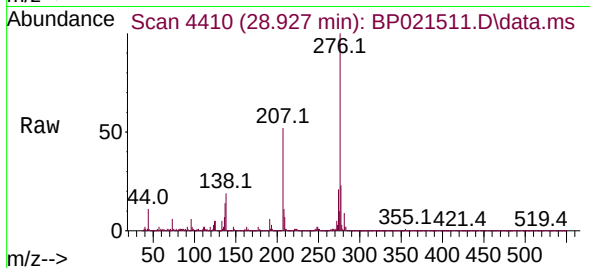
Tgt Ion:276 Resp: 502754

Ion Ratio Lower Upper

276 100

138 18.0 12.8 19.2

277 23.0 16.5 24.7



#88

Benzo(b)fluoranthene

Concen: 3.696 ng

RT: 24.004 min Scan# 3573

Delta R.T. -0.024 min

Lab File: BP021511.D

Acq: 15 Aug 2024 12:43

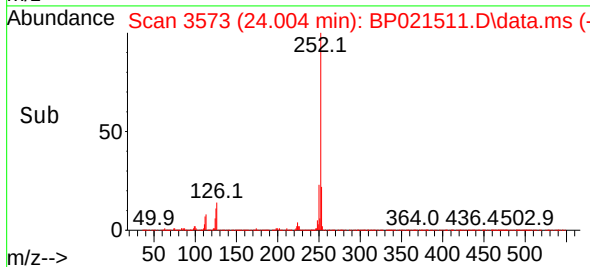
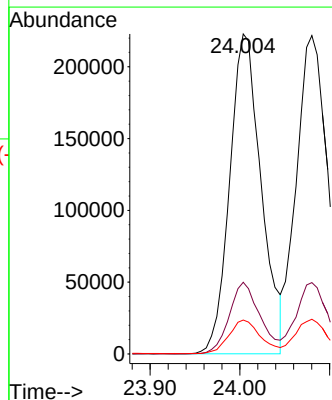
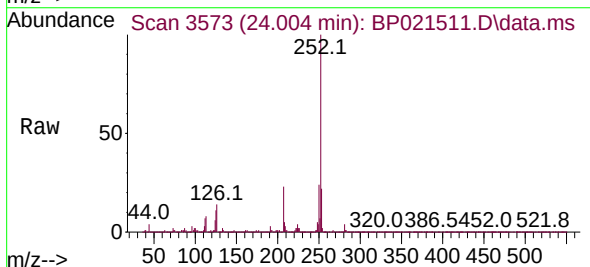
Tgt Ion:252 Resp: 544280

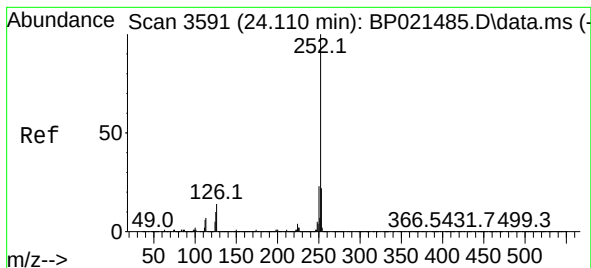
Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

125 10.6 8.6 13.0





#89

Benzo(k)fluoranthene

Concen: 3.801 ng

RT: 24.080 min Scan# 3591

Delta R.T. -0.029 min

Lab File: BP021511.D

Acq: 15 Aug 2024 12:43

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT3-2024

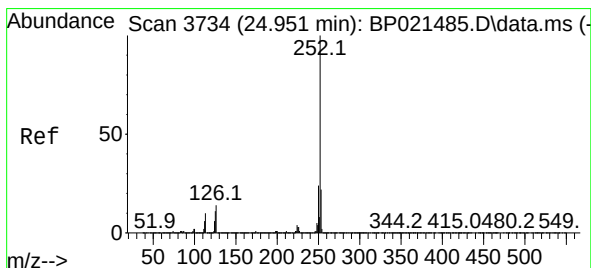
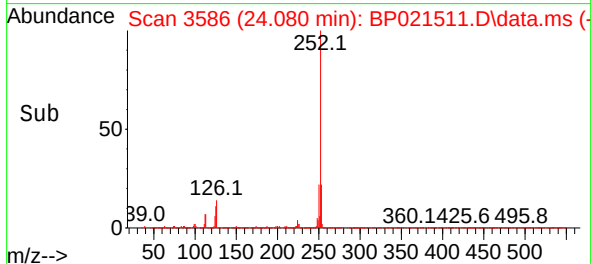
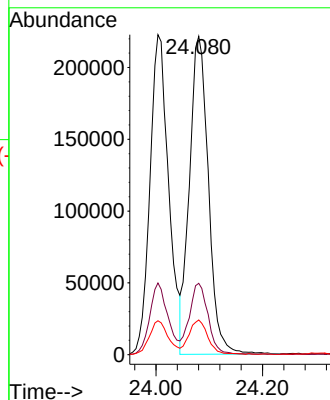
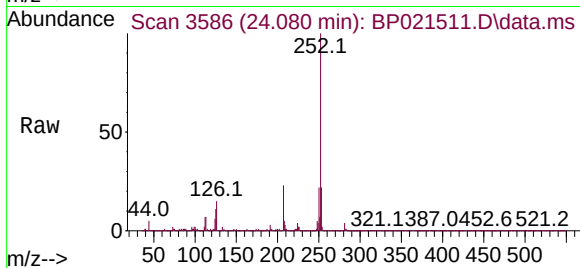
Tgt Ion:252 Resp: 546052

Ion Ratio Lower Upper

252 100

253 22.4 17.5 26.3

125 10.9 7.8 11.8



#90

Benzo(a)pyrene

Concen: 3.779 ng

RT: 24.921 min Scan# 3729

Delta R.T. -0.029 min

Lab File: BP021511.D

Acq: 15 Aug 2024 12:43

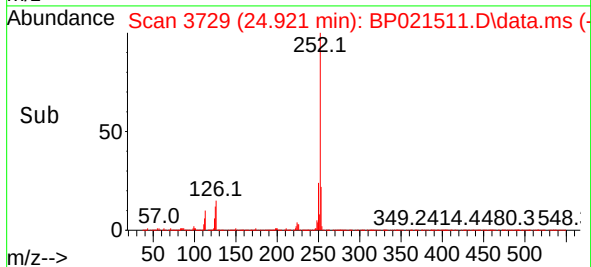
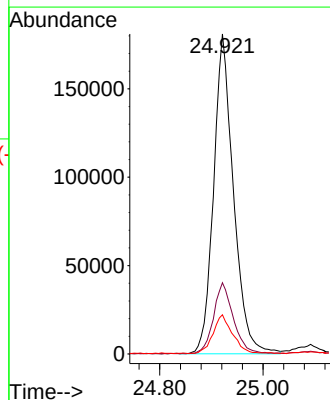
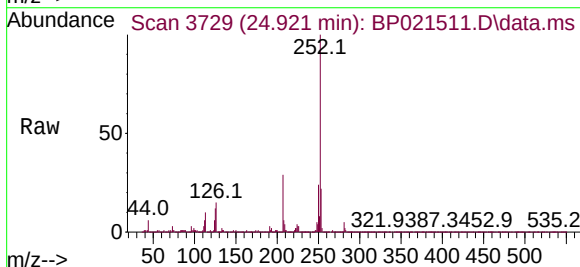
Tgt Ion:252 Resp: 482964

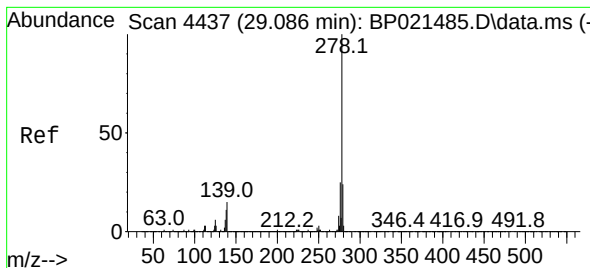
Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 12.3 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 3.712 ng

RT: 29.027 min Scan# 4437

Delta R.T. -0.059 min

Lab File: BP021511.D

Acq: 15 Aug 2024 12:43

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT3-2024

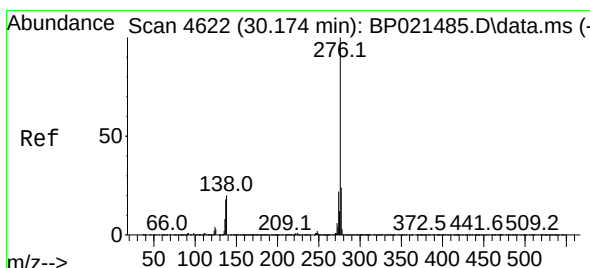
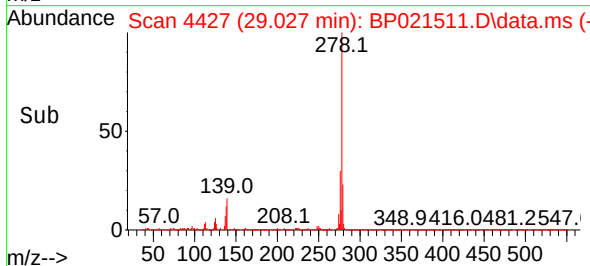
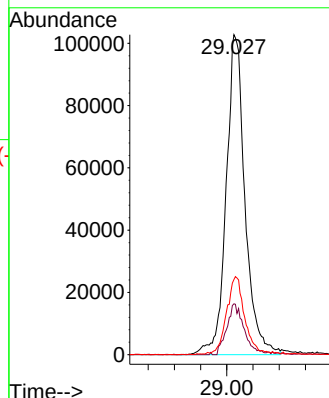
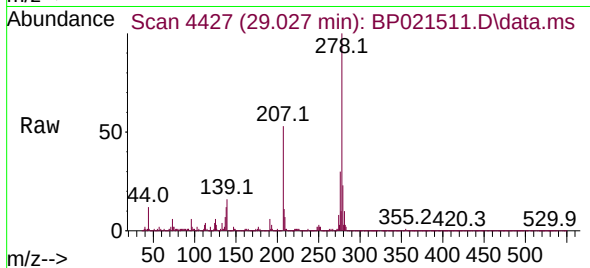
Tgt Ion:278 Resp: 512650

Ion Ratio Lower Upper

278 100

139 15.9 12.2 18.4

279 23.5 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 3.628 ng

RT: 30.121 min Scan# 4613

Delta R.T. -0.053 min

Lab File: BP021511.D

Acq: 15 Aug 2024 12:43

Tgt Ion:276 Resp: 502111

Ion Ratio Lower Upper

276 100

277 22.3 19.0 28.6

138 20.7 16.0 24.0

