

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081524\
 Data File : BP021512.D
 Acq On : 15 Aug 2024 13:26
 Operator : RC/JU
 Sample : P3390-09
 Misc : MDL-MDL-WATER-8ng
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Aug 15 13:52:42 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	359499	20.000	ng	0.00
21) Naphthalene-d8	10.593	136	1567171	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	1035391	20.000	ng	-0.01
64) Phenanthrene-d10	17.233	188	2083275	20.000	ng	-0.02
76) Chrysene-d12	21.686	240	1851249	20.000	ng	-0.01
86) Perylene-d12	25.092	264	1982328	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	3152262	130.200	ng	0.00
7) Phenol-d6	6.958	99	4576963	129.592	ng	0.00
23) Nitrobenzene-d5	8.952	82	3046160	100.326	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	1494608	129.701	ng	-0.02
45) 2-Fluorobiphenyl	13.057	172	6034231	88.944	ng	0.00
79) Terphenyl-d14	19.957	244	8191744	85.965	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.317	88	94678	8.247	ng	97
3) Pyridine	3.711	79	227554	7.101	ng	99
4) n-Nitrosodimethylamine	3.617	42	80374	8.344	ng	# 96
6) Aniline	7.128	93	349244	9.891	ng	99
8) 2-Chlorophenol	7.369	128	188515	8.426	ng	99
9) Benzaldehyde	6.940	77	240127	10.619	ng	97
10) Phenol	6.987	94	302025	8.258	ng	99
11) bis(2-Chloroethyl)ether	7.222	93	261661	8.455	ng	98
12) 1,3-Dichlorobenzene	7.693	146	215795	8.120	ng	100
13) 1,4-Dichlorobenzene	7.840	146	219836	8.192	ng	98
14) 1,2-Dichlorobenzene	8.157	146	214616	8.299	ng	98
15) Benzyl Alcohol	8.028	79	216991	8.563	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.322	45	252583	8.863	ng	99
17) 2-Methylphenol	8.234	107	186247	8.055	ng	99
18) Hexachloroethane	8.887	117	88696	8.242	ng	97
19) n-Nitroso-di-n-propyla...	8.599	70	208434	8.543	ng	98
20) 3+4-Methylphenols	8.552	107	252599	8.102	ng	99
22) Acetophenone	8.616	105	400460	8.318	ng	# 96
24) Nitrobenzene	8.993	77	292508	8.870	ng	99
25) Isophorone	9.510	82	583963	8.141	ng	99
26) 2-Nitrophenol	9.704	139	52164	10.631	ng	97
27) 2,4-Dimethylphenol	9.757	122	137851	7.787	ng	94
28) bis(2-Chloroethoxy)met...	9.999	93	365546	8.349	ng	97
29) 2,4-Dichlorophenol	10.228	162	161534	7.723	ng	99
30) 1,2,4-Trichlorobenzene	10.457	180	213213	7.951	ng	98
31) Naphthalene	10.640	128	661505	8.080	ng	100
32) Benzoic acid	9.804	122	50467	9.090	ng	96
33) 4-Chloroaniline	10.740	127	259435	8.436	ng	98
34) Hexachlorobutadiene	10.940	225	129659	7.680	ng	98
35) Caprolactam	11.475	113	61696	7.087	ng	98
36) 4-Chloro-3-methylphenol	11.857	107	219122	7.552	ng	98
37) 2-Methylnaphthalene	12.257	142	449827	8.051	ng	99
38) 1-Methylnaphthalene	12.469	142	424699	7.707	ng	99
40) 1,2,4,5-Tetrachloroben...	12.622	216	250514	8.258	ng	99
41) Hexachlorocyclopentadiene	12.610	237	74660	7.765	ng	96
43) 2,4,6-Trichlorophenol	12.857	196	124365	7.380	ng	99

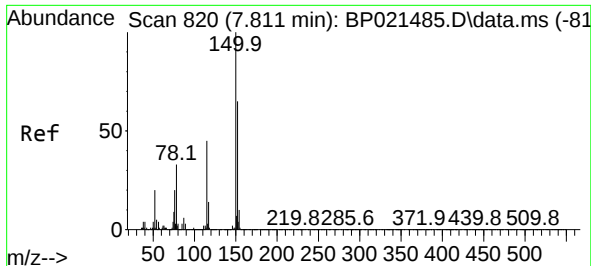
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081524\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 14 00:00:30 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.922	196	141534	7.559	ng	97
46) 1,1'-Biphenyl	13.269	154	607541	8.294	ng	99
47) 2-Chloronaphthalene	13.304	162	459589	8.058	ng	99
48) 2-Nitroaniline	13.498	65	102528	10.874	ng	100
49) Acenaphthylene	14.157	152	722623	8.619	ng	99
50) Dimethylphthalate	13.887	163	558486	8.054	ng	100
51) 2,6-Dinitrotoluene	13.998	165	90651	9.928	ng	92
52) Acenaphthene	14.510	154	437376	7.951	ng	98
53) 3-Nitroaniline	14.328	138	93904	10.233	ng #	96
54) 2,4-Dinitrophenol	14.534	184	21458	10.092	ng #	57
55) Dibenzofuran	14.845	168	700491	8.278	ng	100
56) 4-Nitrophenol	14.628	139	63694	10.266	ng	93
57) 2,4-Dinitrotoluene	14.798	165	99962	10.053	ng	96
58) Fluorene	15.504	166	567522	8.163	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.069	232	121682	7.657	ng	96
60) Diethylphthalate	15.275	149	550277	7.735	ng	100
61) 4-Chlorophenyl-phenyle...	15.498	204	294232	8.188	ng	98
62) 4-Nitroaniline	15.504	138	91434	9.007	ng	92
63) Azobenzene	15.798	77	726887	8.312	ng	98
65) 4,6-Dinitro-2-methylph...	15.569	198	30475	10.590	ng	92
66) n-Nitrosodiphenylamine	15.716	169	469125	8.403	ng	99
67) 4-Bromophenyl-phenylether	16.410	248	166538	7.553	ng	97
68) Hexachlorobenzene	16.528	284	208959	8.020	ng	99
69) Atrazine	16.686	200	155059	8.090	ng	98
70) Pentachlorophenol	16.875	266	81121	5.704	ng	99
71) Phenanthrene	17.275	178	843770	8.422	ng	99
72) Anthracene	17.369	178	809711	8.241	ng	99
73) Carbazole	17.639	167	739752	7.812	ng	100
74) Di-n-butylphthalate	18.251	149	838102	7.207	ng	99
75) Fluoranthene	19.351	202	915006	7.443	ng	98
77) Benzidine	19.551	184	302296	10.017	ng	97
78) Pyrene	19.733	202	968935	8.008	ng	99
80) Butylbenzylphthalate	20.692	149	250004	8.638	ng	98
81) Benzo(a)anthracene	21.663	228	946460	8.144	ng	99
82) 3,3'-Dichlorobenzidine	21.580	252	293438	7.875	ng	97
83) Chrysene	21.733	228	877428	7.997	ng	100
84) Bis(2-ethylhexyl)phtha...	21.627	149	481055	7.004	ng	97
85) Di-n-octyl phthalate	22.933	149	609880	9.382	ng	97
87) Indeno(1,2,3-cd)pyrene	28.945	276	991178	7.714	ng	98
88) Benzo(b)fluoranthene	24.010	252	873528	7.673	ng	99
89) Benzo(k)fluoranthene	24.074	252	864086	7.780	ng	98
90) Benzo(a)pyrene	24.921	252	775469	7.849	ng	99
91) Dibenzo(a,h)anthracene	29.045	278	825269	7.730	ng	99
92) Benzo(g,h,i)perylene	30.109	276	794000	7.420	ng	100

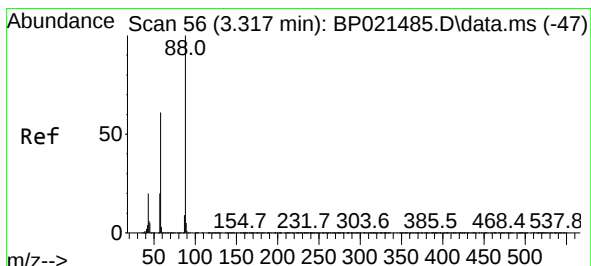
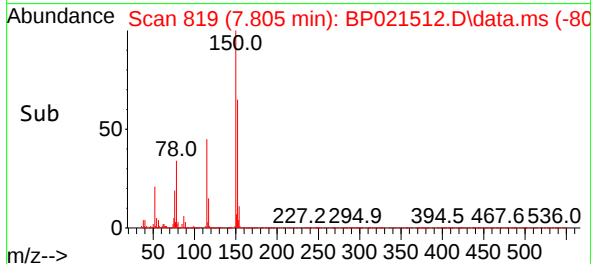
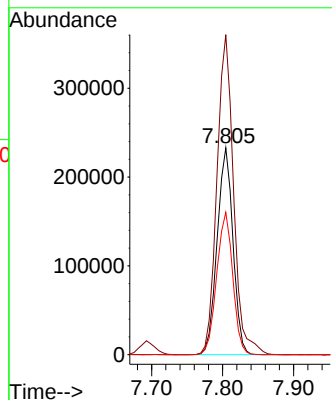
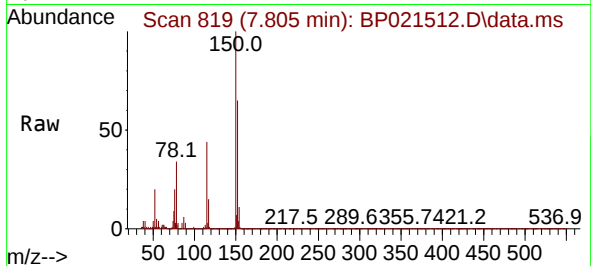
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.805 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BP021512.D
 Acq: 15 Aug 2024 13:26

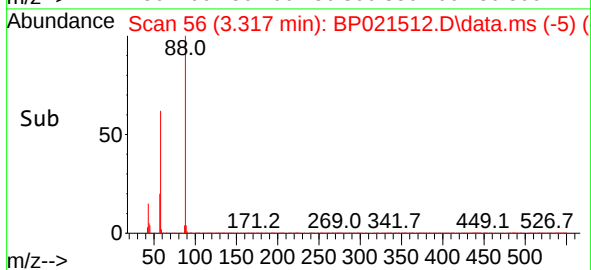
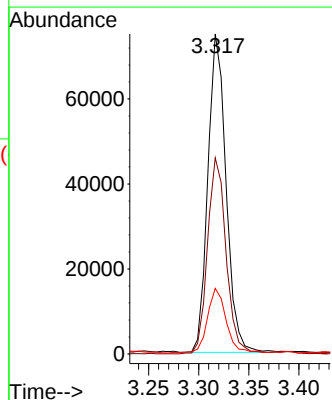
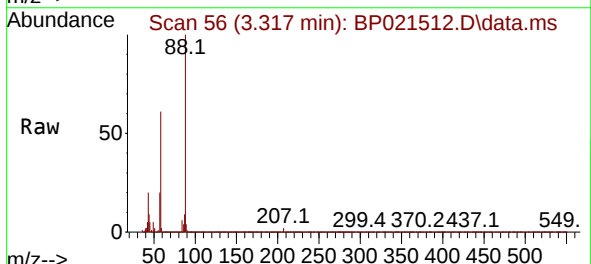
Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-03-QT3-2024

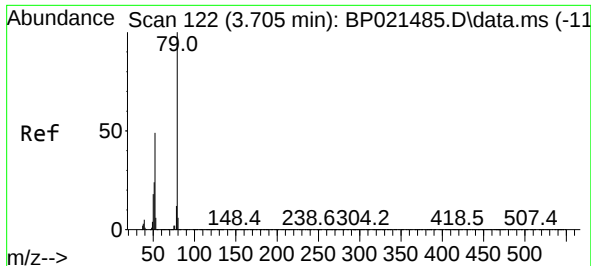
Tgt Ion:152 Resp: 359499
 Ion Ratio Lower Upper
 152 100
 150 154.6 122.4 183.6
 115 68.8 54.7 82.1



#2
 1,4-Dioxane
 Concen: 8.247 ng
 RT: 3.317 min Scan# 56
 Delta R.T. -0.000 min
 Lab File: BP021512.D
 Acq: 15 Aug 2024 13:26

Tgt Ion: 88 Resp: 94678
 Ion Ratio Lower Upper
 88 100
 58 63.0 48.7 73.1
 43 20.9 15.4 23.2





#3

Pyridine

Concen: 7.101 ng

RT: 3.711 min Scan# 123

Delta R.T. 0.006 min

Lab File: BP021512.D

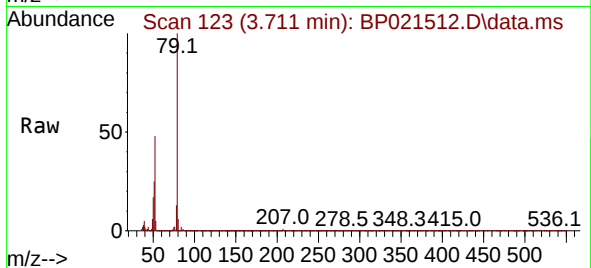
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Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT3-2024



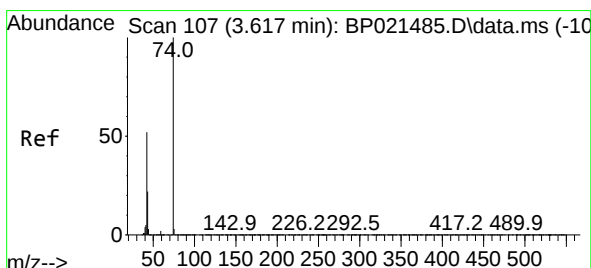
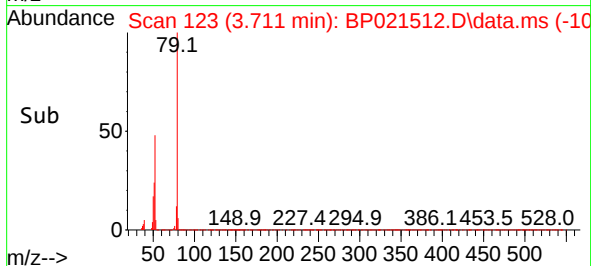
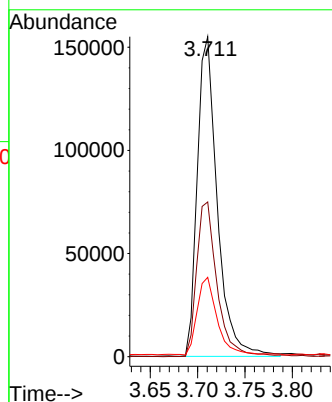
Tgt Ion: 79 Resp: 227554

Ion Ratio Lower Upper

79 100

52 48.3 39.0 58.6

51 24.8 19.2 28.8



#4

n-Nitrosodimethylamine

Concen: 8.344 ng

RT: 3.617 min Scan# 107

Delta R.T. -0.000 min

Lab File: BP021512.D

Acq: 15 Aug 2024 13:26

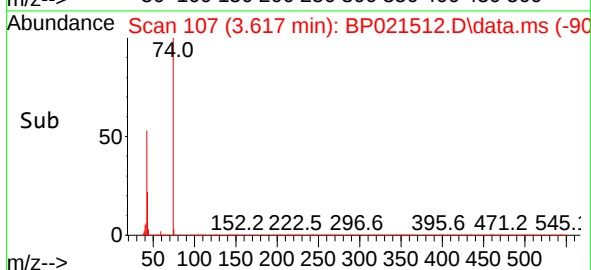
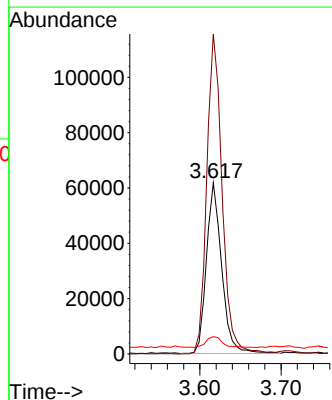
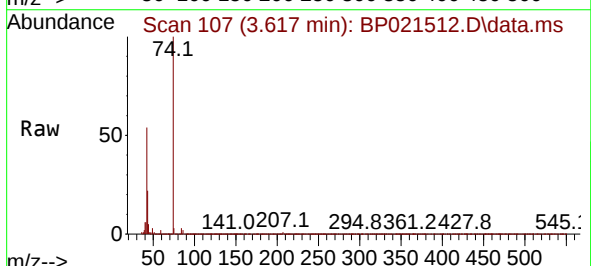
Tgt Ion: 42 Resp: 80374

Ion Ratio Lower Upper

42 100

74 186.8 154.3 231.5

44 10.1 6.2 9.4

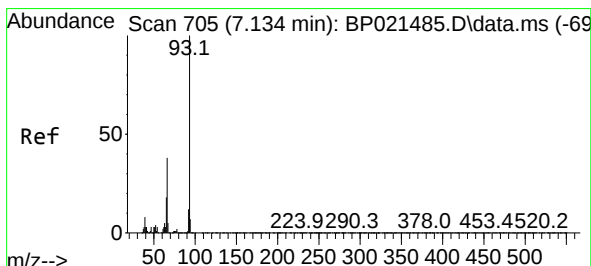
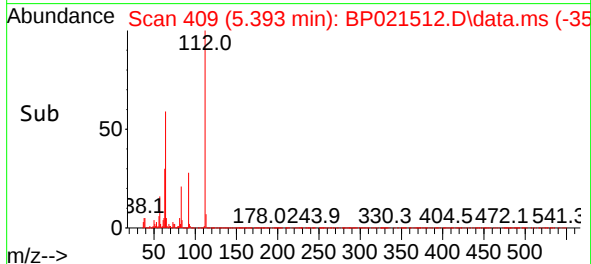
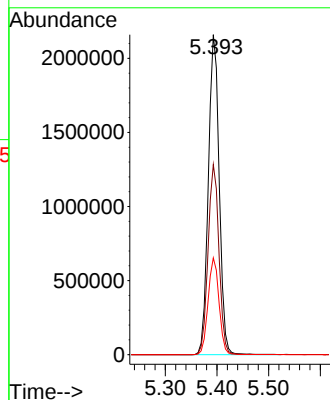
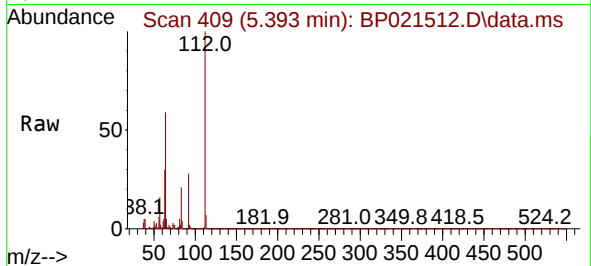




#5
2-Fluorophenol
Concen: 130.200 ng
RT: 5.393 min Scan# 409
Delta R.T. -0.000 min
Lab File: BP021512.D
Acq: 15 Aug 2024 13:26

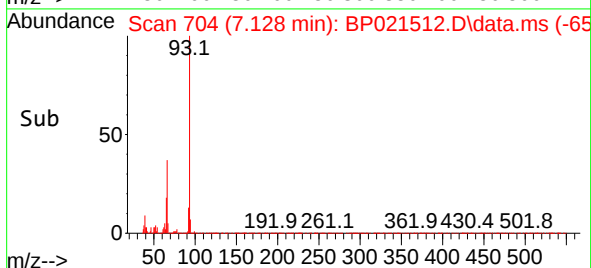
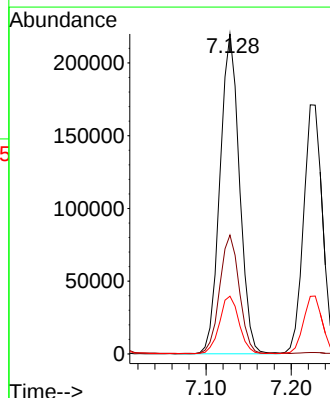
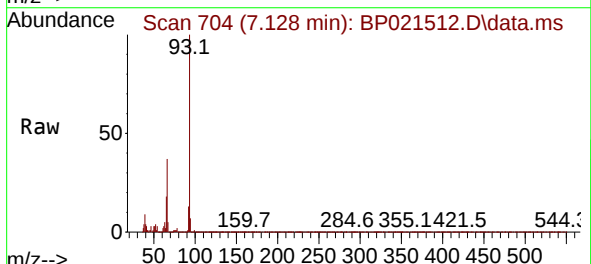
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT3-2024

Tgt Ion:112 Resp: 3152262
Ion Ratio Lower Upper
112 100
64 59.4 49.0 73.6
63 30.3 24.6 36.8



#6
Aniline
Concen: 9.891 ng
RT: 7.128 min Scan# 704
Delta R.T. -0.006 min
Lab File: BP021512.D
Acq: 15 Aug 2024 13:26

Tgt Ion: 93 Resp: 349244
Ion Ratio Lower Upper
93 100
66 37.2 30.2 45.2
65 18.0 14.7 22.1

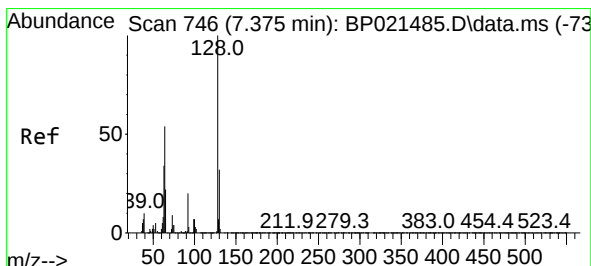
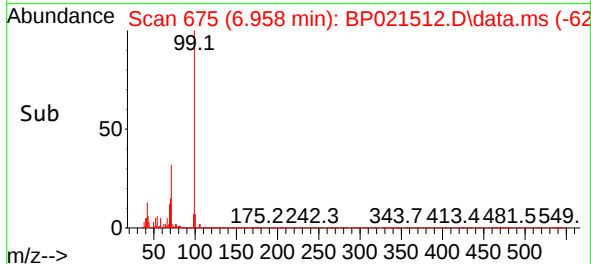
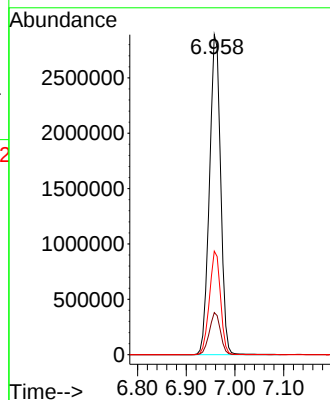
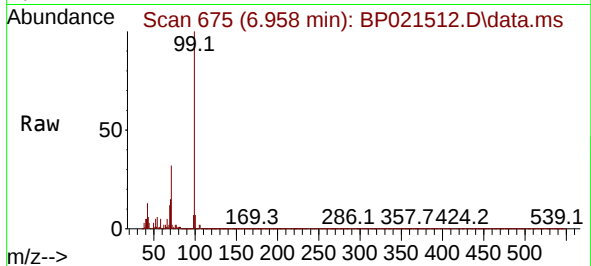




#7
Phenol-d6
Concen: 129.592 ng
RT: 6.958 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP021512.D
Acq: 15 Aug 2024 13:26

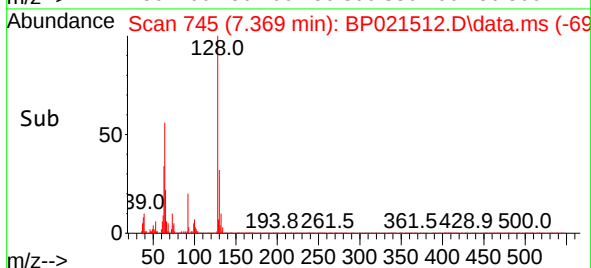
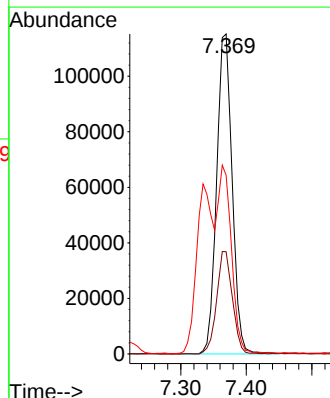
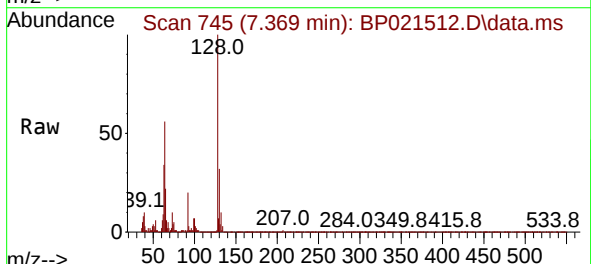
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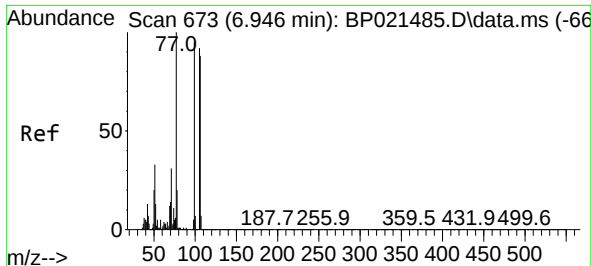
Tgt Ion: 99 Resp: 4576963
Ion Ratio Lower Upper
99 100
42 13.1 10.2 15.4
71 32.3 25.8 38.8



#8
2-Chlorophenol
Concen: 8.426 ng
RT: 7.369 min Scan# 745
Delta R.T. -0.006 min
Lab File: BP021512.D
Acq: 15 Aug 2024 13:26

Tgt Ion: 128 Resp: 188515
Ion Ratio Lower Upper
128 100
130 32.0 11.6 51.6
64 55.8 35.3 75.3





#9

Benzaldehyde

Concen: 10.619 ng

RT: 6.940 min Scan# 6

Delta R.T. -0.006 min

Lab File: BP021512.D

Acq: 15 Aug 2024 13:26

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT3-2024

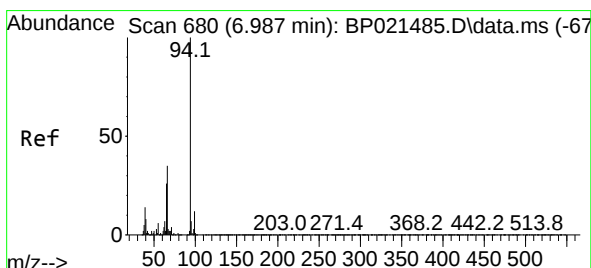
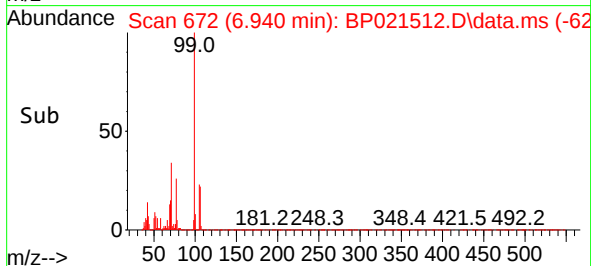
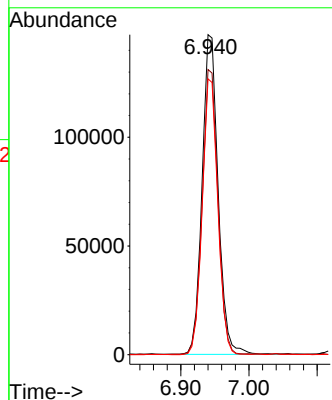
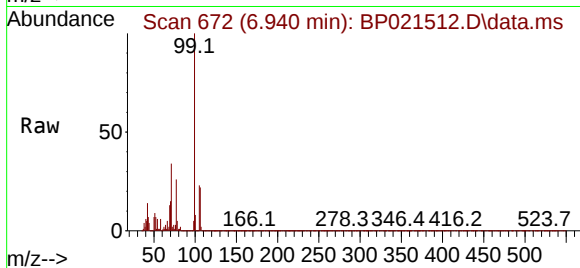
Tgt Ion: 77 Resp: 240127

Ion Ratio Lower Upper

77 100

105 89.1 72.1 112.1

106 86.2 67.9 107.9



#10

Phenol

Concen: 8.258 ng

RT: 6.987 min Scan# 680

Delta R.T. -0.000 min

Lab File: BP021512.D

Acq: 15 Aug 2024 13:26

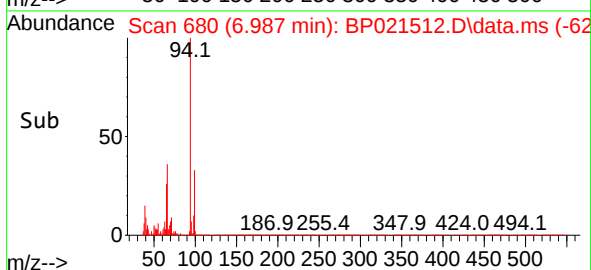
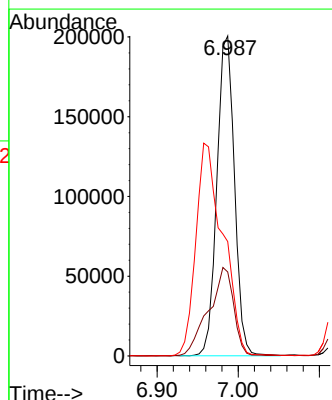
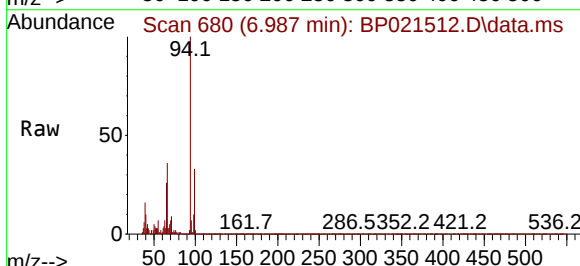
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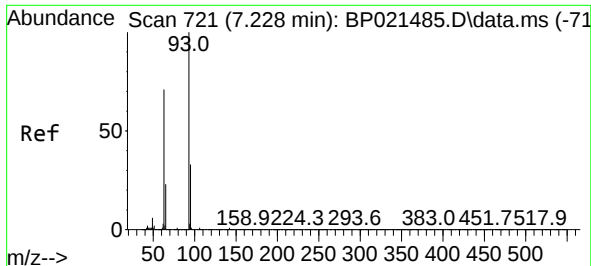
Ion Ratio Lower Upper

94 100

65 26.2 6.5 46.5

66 35.7 14.7 54.7

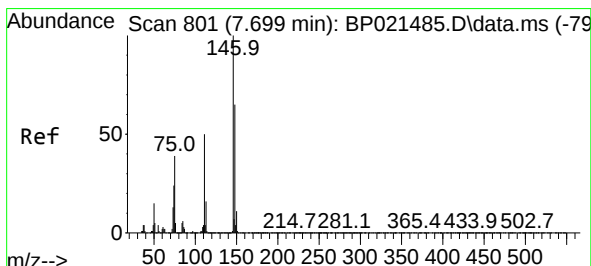
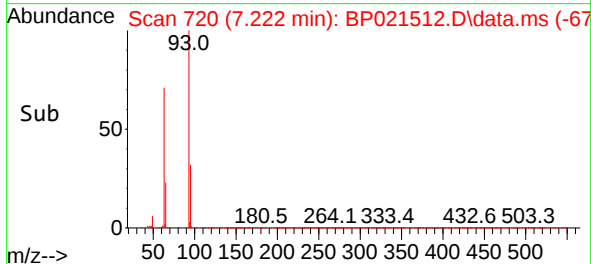
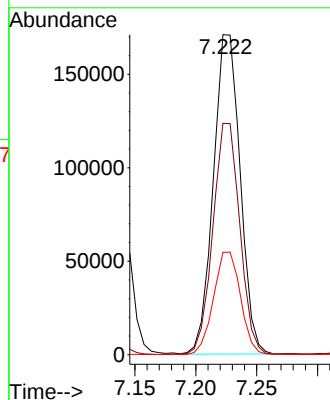
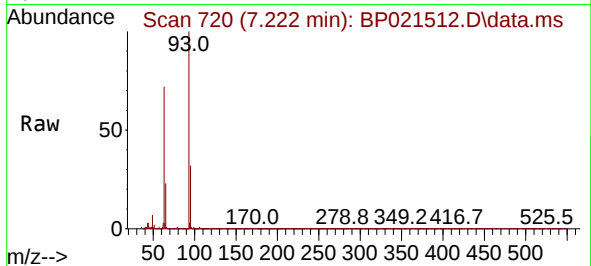




#11
bis(2-Chloroethyl)ether
Concen: 8.455 ng
RT: 7.222 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP021512.D
Acq: 15 Aug 2024 13:26

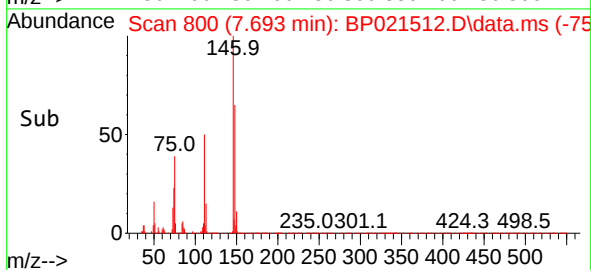
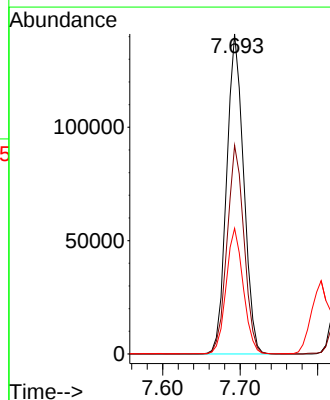
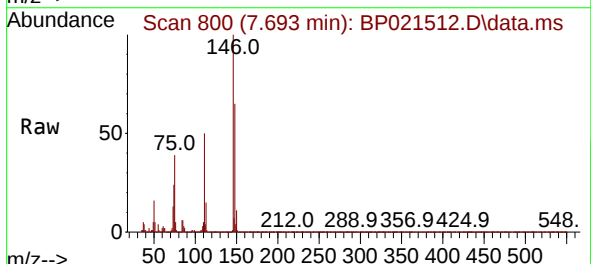
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT3-2024

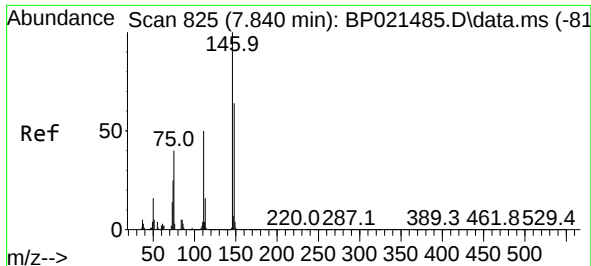
Tgt Ion: 93 Resp: 261661
Ion Ratio Lower Upper
93 100
63 72.3 51.0 91.0
95 32.0 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 8.120 ng
RT: 7.693 min Scan# 800
Delta R.T. -0.006 min
Lab File: BP021512.D
Acq: 15 Aug 2024 13:26

Tgt Ion:146 Resp: 215795
Ion Ratio Lower Upper
146 100
148 65.2 51.8 77.6
75 39.2 31.3 46.9

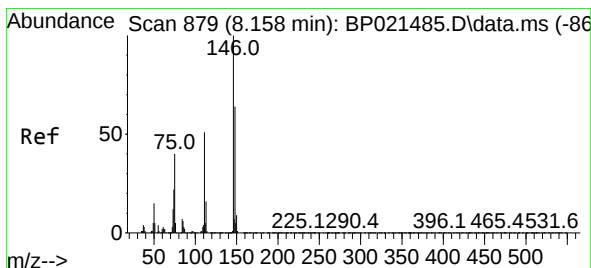
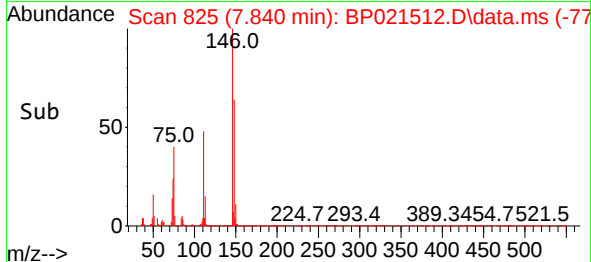
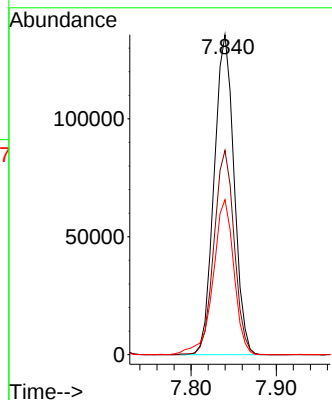
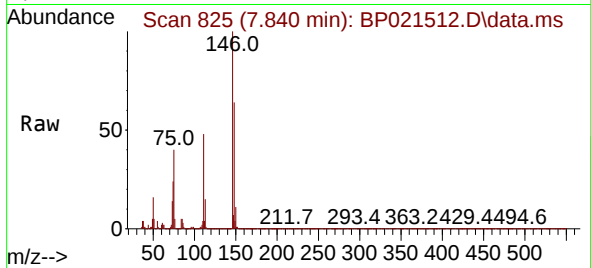




#13
1,4-Dichlorobenzene
Concen: 8.192 ng
RT: 7.840 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP021512.D
Acq: 15 Aug 2024 13:26

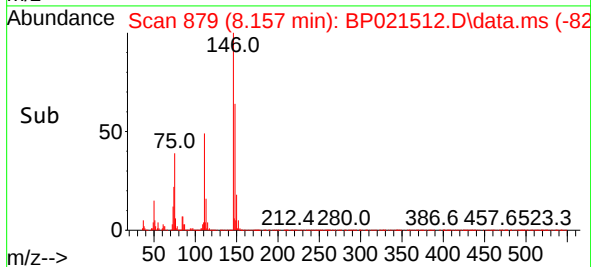
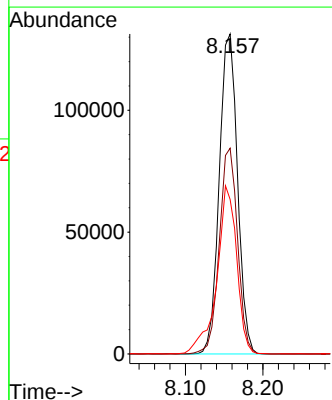
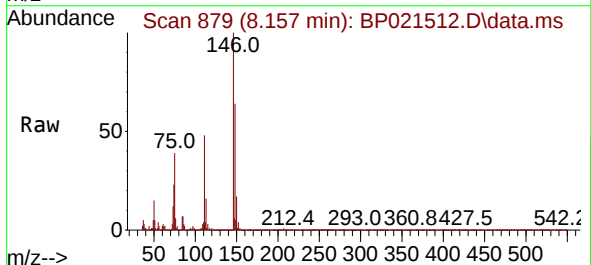
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT3-2024

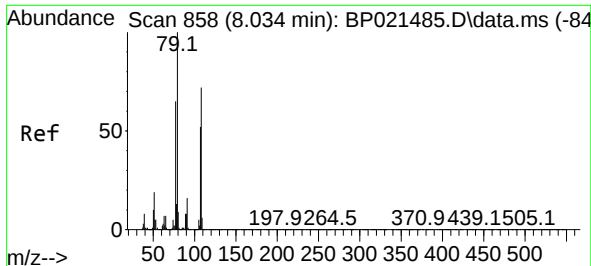
Tgt Ion:146 Resp: 219836
Ion Ratio Lower Upper
146 100
148 63.9 51.5 77.3
111 48.4 40.3 60.5



#14
1,2-Dichlorobenzene
Concen: 8.299 ng
RT: 8.157 min Scan# 879
Delta R.T. -0.000 min
Lab File: BP021512.D
Acq: 15 Aug 2024 13:26

Tgt Ion:146 Resp: 214616
Ion Ratio Lower Upper
146 100
148 64.3 51.5 77.3
111 48.3 41.1 61.7

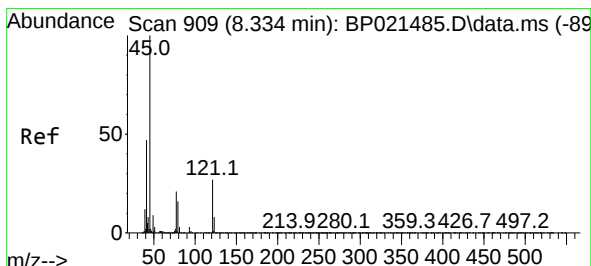
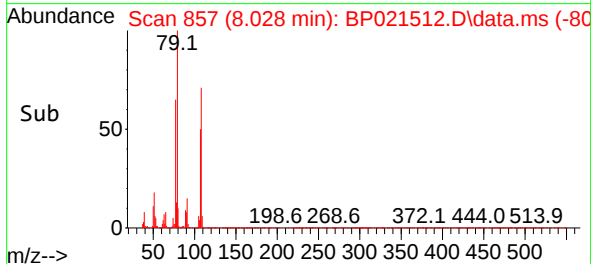
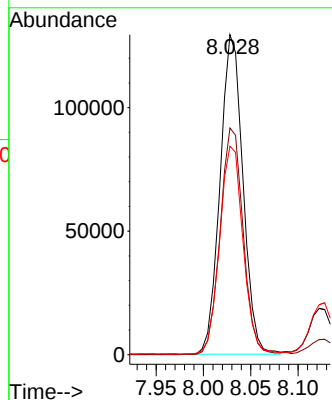
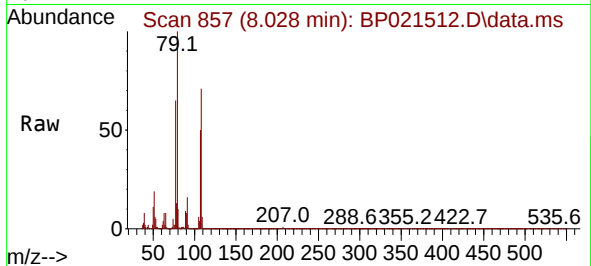




#15
Benzyl Alcohol
Concen: 8.563 ng
RT: 8.028 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP021512.D
Acq: 15 Aug 2024 13:26

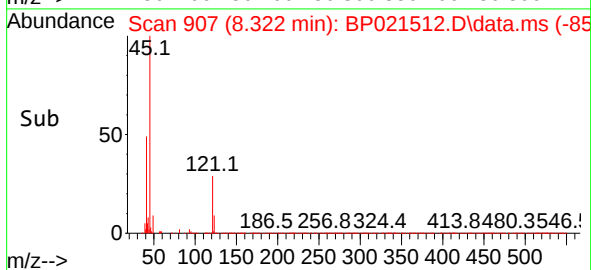
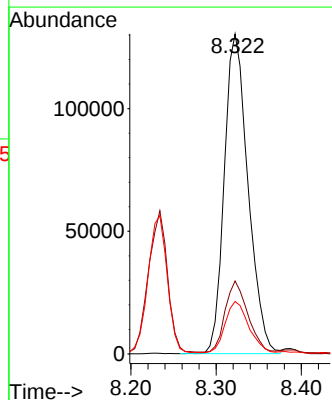
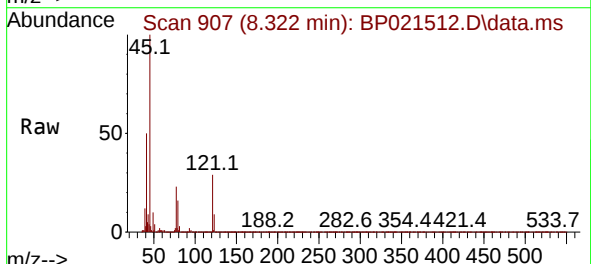
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT3-2024

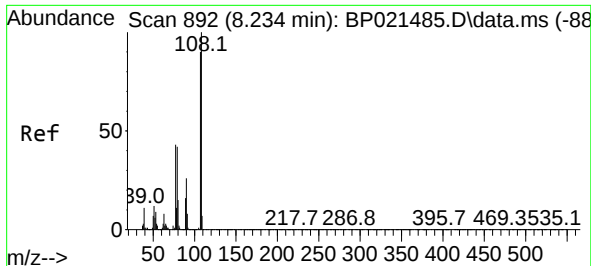
Tgt Ion: 79 Resp: 216991
Ion Ratio Lower Upper
79 100
108 70.9 57.9 86.9
77 65.2 51.8 77.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 8.863 ng
RT: 8.322 min Scan# 907
Delta R.T. -0.012 min
Lab File: BP021512.D
Acq: 15 Aug 2024 13:26

Tgt Ion: 45 Resp: 252583
Ion Ratio Lower Upper
45 100
77 22.8 1.9 41.9
79 16.4 0.0 36.6

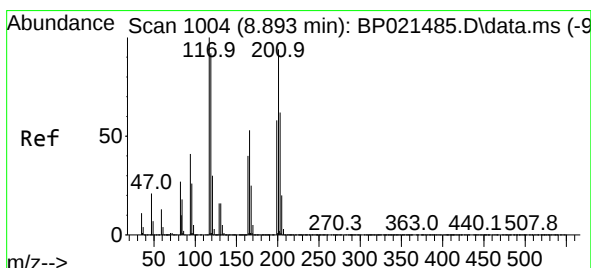
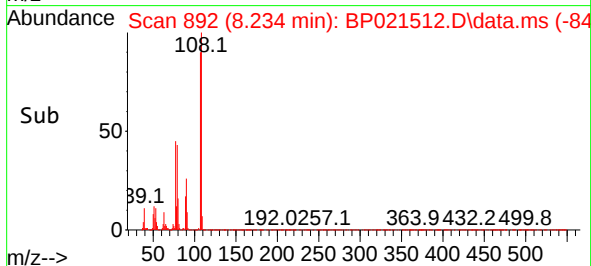
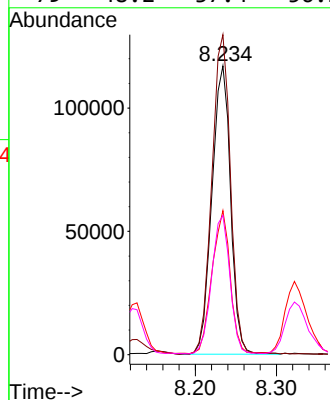
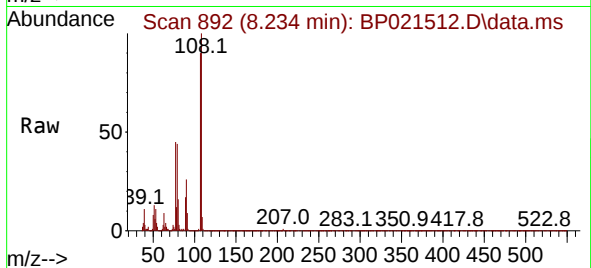




#17
2-Methylphenol
Concen: 8.055 ng
RT: 8.234 min Scan# 892
Delta R.T. -0.000 min
Lab File: BP021512.D
Acq: 15 Aug 2024 13:26

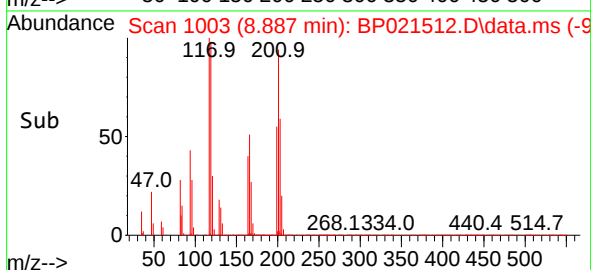
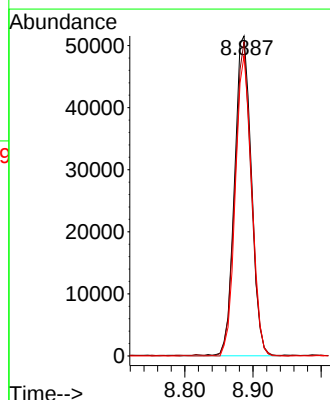
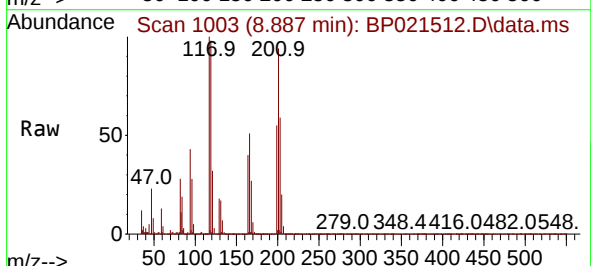
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT3-2024

Tgt Ion:	107	Resp:	186247
Ion	Ratio	Lower	Upper
107	100		
108	110.8	88.8	133.2
77	49.8	38.7	58.1
79	48.2	37.4	56.2



#18
Hexachloroethane
Concen: 8.242 ng
RT: 8.887 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BP021512.D
Acq: 15 Aug 2024 13:26

Tgt Ion:	117	Resp:	88696
Ion	Ratio	Lower	Upper
117	100		
119	98.3	73.9	110.9
201	93.8	74.9	112.3



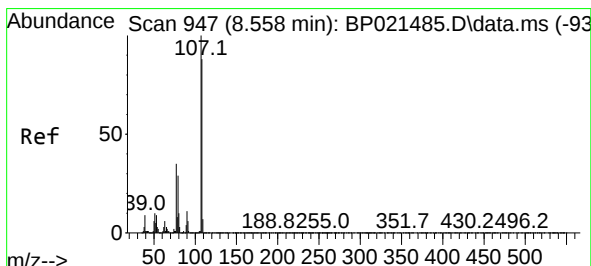
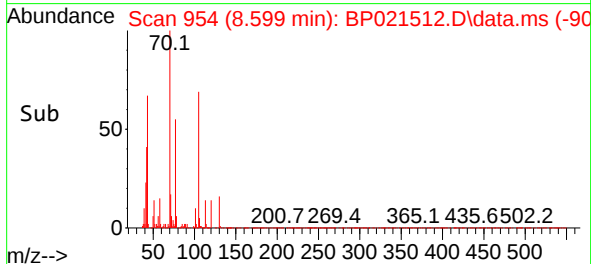
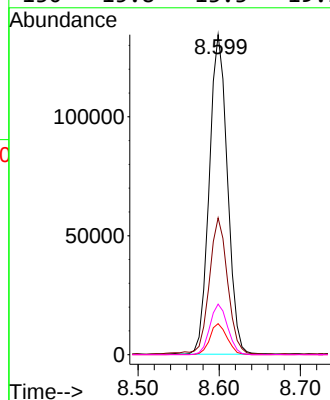
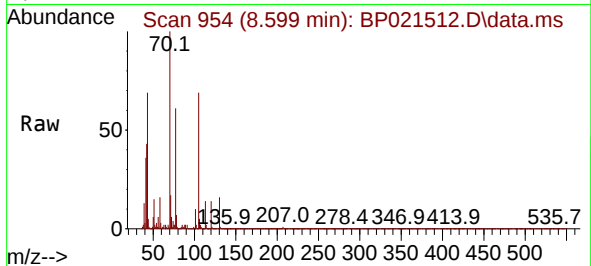


#19
n-Nitroso-di-n-propylamine
Concen: 8.543 ng
RT: 8.599 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP021512.D
Acq: 15 Aug 2024 13:26

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

Tgt Ion: 70 Resp: 208434

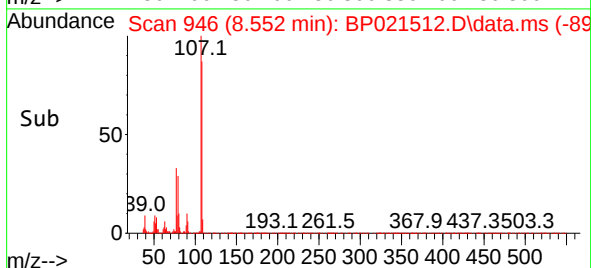
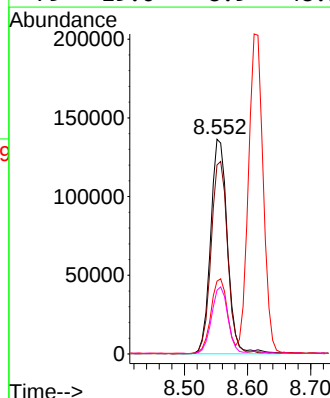
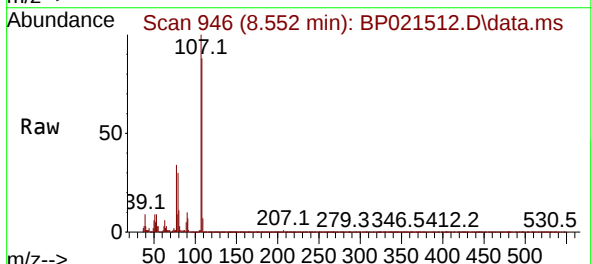
Ion	Ratio	Lower	Upper
70	100		
42	42.8	33.1	49.7
101	9.7	7.4	11.2
130	15.8	13.3	19.9

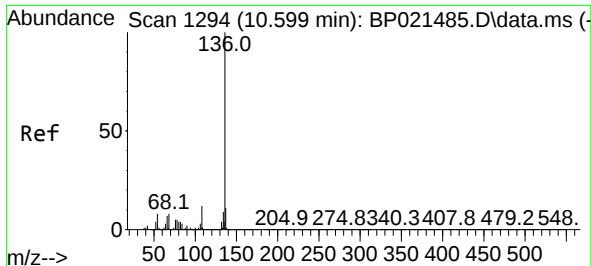


#20
3+4-Methylphenols
Concen: 8.102 ng
RT: 8.552 min Scan# 946
Delta R.T. -0.006 min
Lab File: BP021512.D
Acq: 15 Aug 2024 13:26

Tgt Ion: 107 Resp: 252599

Ion	Ratio	Lower	Upper
107	100		
108	88.0	67.6	107.6
77	33.9	15.0	55.0
79	29.6	8.9	48.9

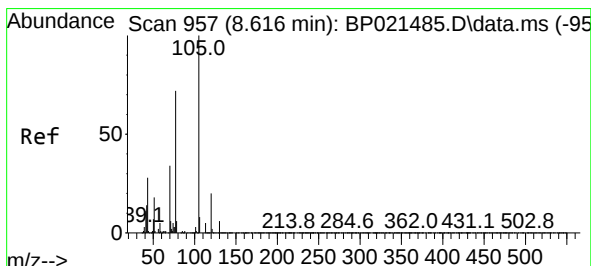
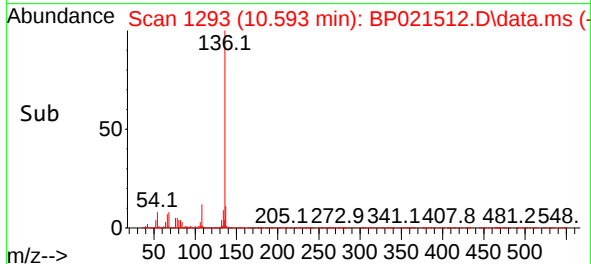
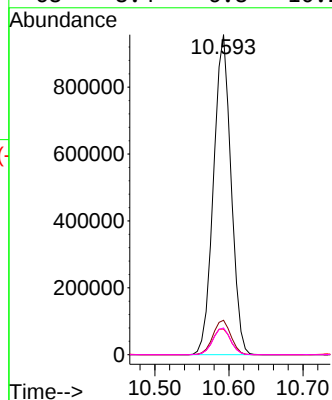
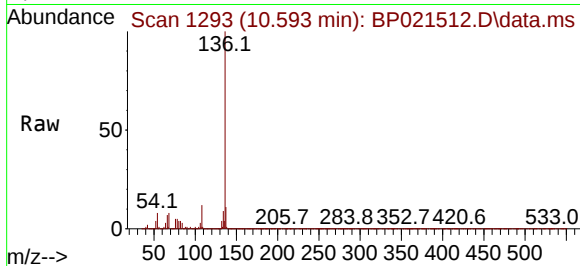




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.593 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP021512.D
Acq: 15 Aug 2024 13:26

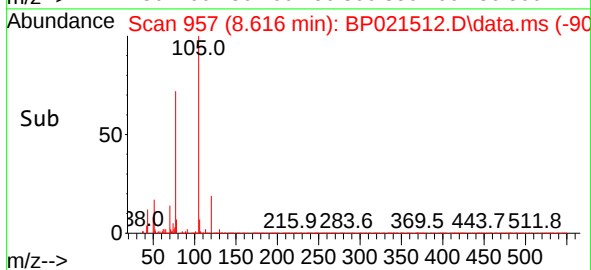
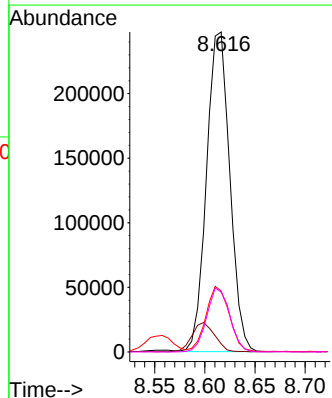
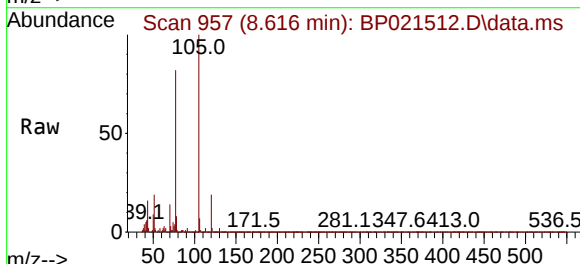
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT3-2024

Tgt Ion:136 Resp: 1567171
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 8.0 6.3 9.5
68 8.4 6.8 10.2



#22
Acetophenone
Concen: 8.318 ng
RT: 8.616 min Scan# 957
Delta R.T. -0.000 min
Lab File: BP021512.D
Acq: 15 Aug 2024 13:26

Tgt Ion:105 Resp: 400460
Ion Ratio Lower Upper
105 100
71 2.6 4.6 7.0#
51 19.1 16.3 24.5
120 18.7 16.2 24.2

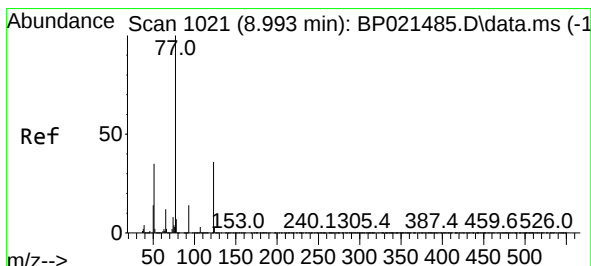
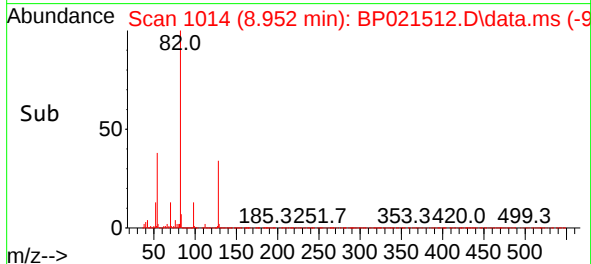
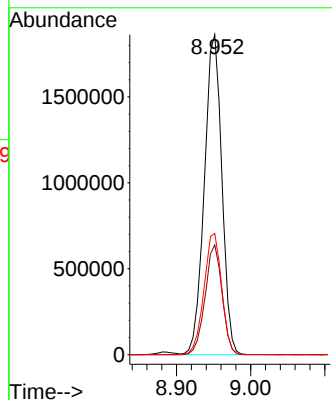
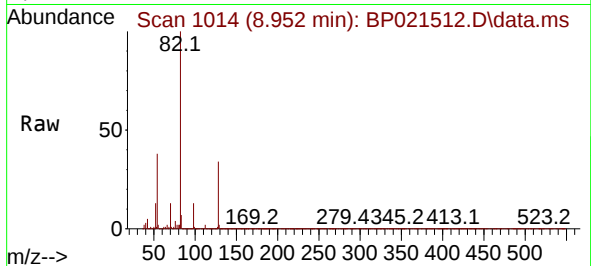




#23
Nitrobenzene-d5
Concen: 100.326 ng
RT: 8.952 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BP021512.D
Acq: 15 Aug 2024 13:26

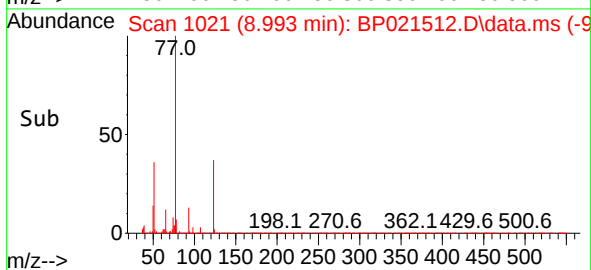
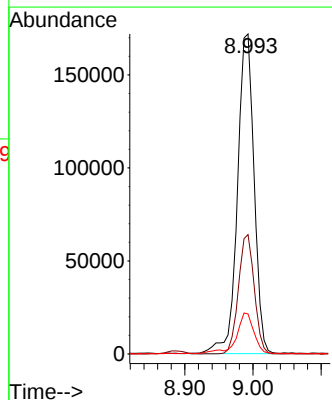
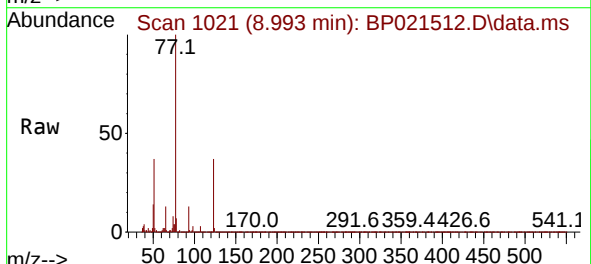
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT3-2024

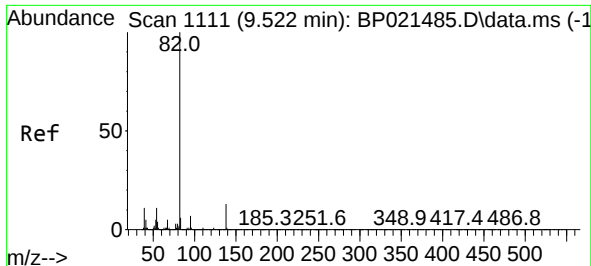
Tgt Ion: 82 Resp: 3046160
Ion Ratio Lower Upper
82 100
128 34.3 26.5 39.7
54 37.9 30.3 45.5



#24
Nitrobenzene
Concen: 8.870 ng
RT: 8.993 min Scan# 1021
Delta R.T. -0.000 min
Lab File: BP021512.D
Acq: 15 Aug 2024 13:26

Tgt Ion: 77 Resp: 292508
Ion Ratio Lower Upper
77 100
123 37.3 29.5 44.3
65 12.5 9.9 14.9

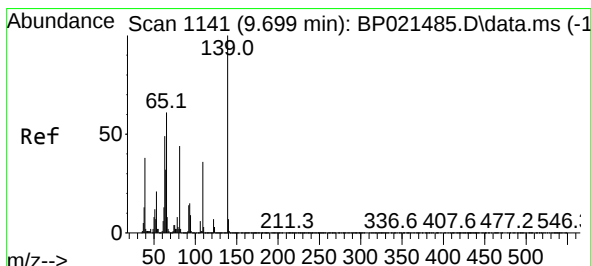
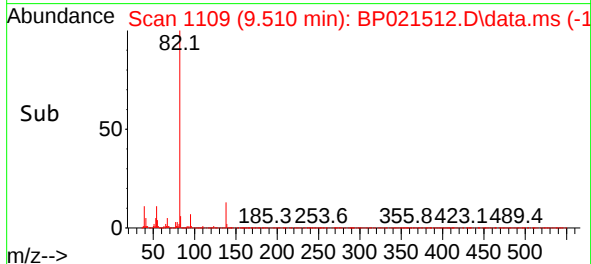
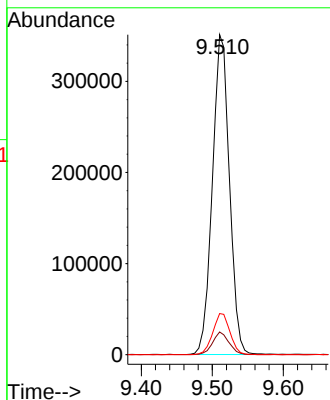
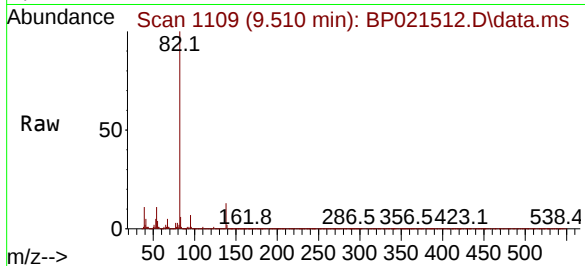




#25
Isophorone
Concen: 8.141 ng
RT: 9.510 min Scan# 1111
Delta R.T. -0.012 min
Lab File: BP021512.D
Acq: 15 Aug 2024 13:26

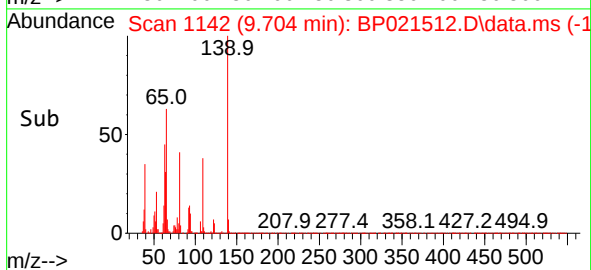
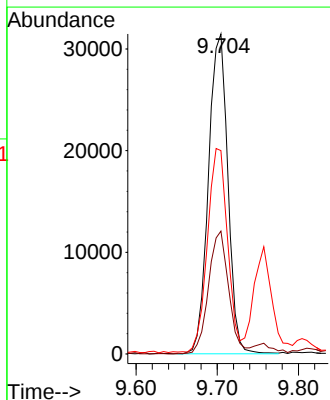
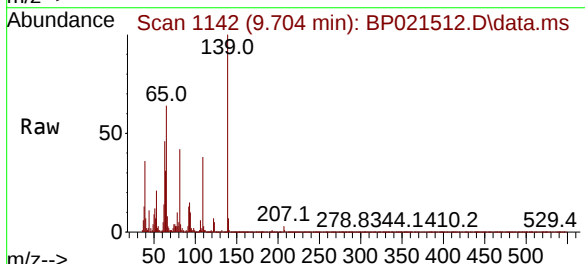
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT3-2024

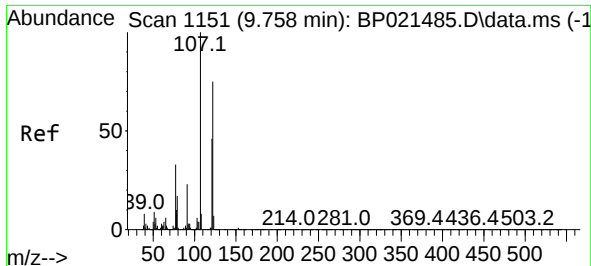
Tgt Ion: 82 Resp: 583963
Ion Ratio Lower Upper
82 100
95 7.1 5.4 8.2
138 12.8 10.6 16.0



#26
2-Nitrophenol
Concen: 10.631 ng
RT: 9.704 min Scan# 1142
Delta R.T. 0.005 min
Lab File: BP021512.D
Acq: 15 Aug 2024 13:26

Tgt Ion: 139 Resp: 52164
Ion Ratio Lower Upper
139 100
109 38.4 28.9 43.3
65 63.5 49.0 73.6





#27

2,4-Dimethylphenol

Concen: 7.787 ng

RT: 9.757 min Scan# 1151

Delta R.T. -0.000 min

Lab File: BP021512.D

Acq: 15 Aug 2024 13:26

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT3-2024

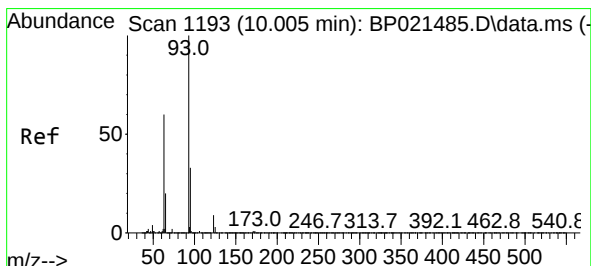
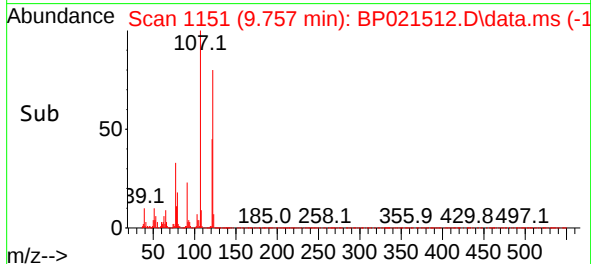
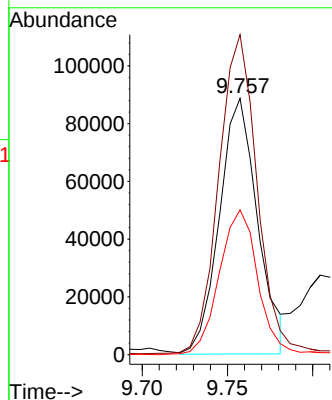
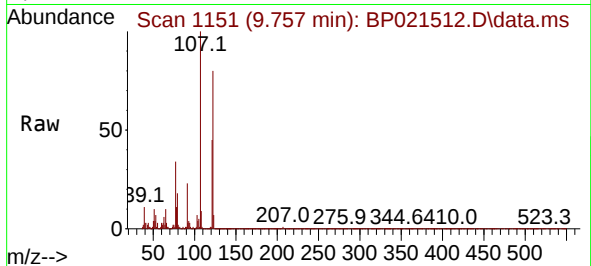
Tgt Ion:122 Resp: 137851

Ion Ratio Lower Upper

122 100

107 124.8 106.2 159.4

121 56.5 48.8 73.2



#28

bis(2-Chloroethoxy)methane

Concen: 8.349 ng

RT: 9.999 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BP021512.D

Acq: 15 Aug 2024 13:26

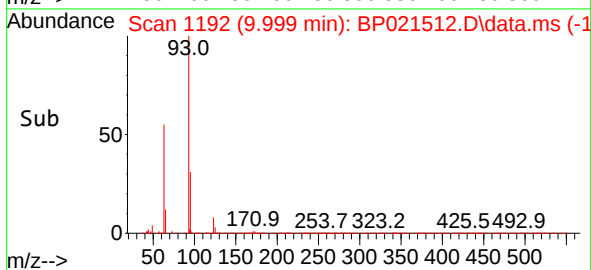
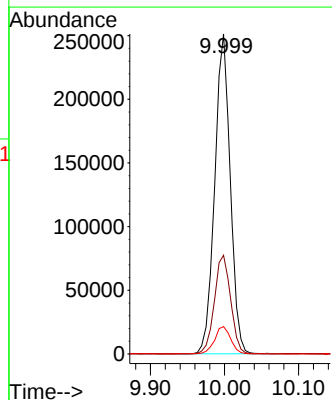
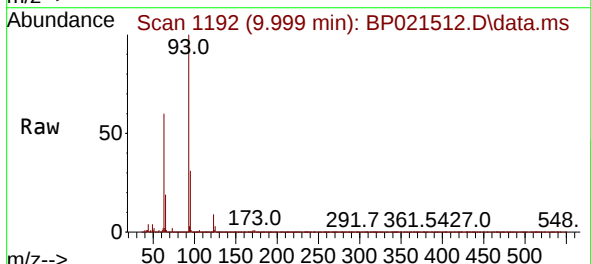
Tgt Ion: 93 Resp: 365546

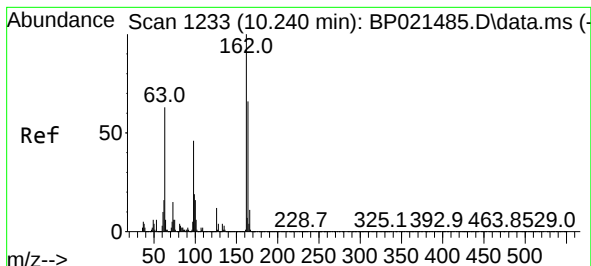
Ion Ratio Lower Upper

93 100

95 30.9 26.2 39.4

123 8.6 7.6 11.4





#29

2,4-Dichlorophenol

Concen: 7.723 ng

RT: 10.228 min Scan# 1231

Delta R.T. -0.012 min

Lab File: BP021512.D

Acq: 15 Aug 2024 13:26

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT3-2024

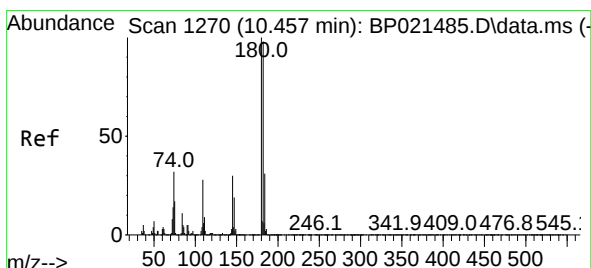
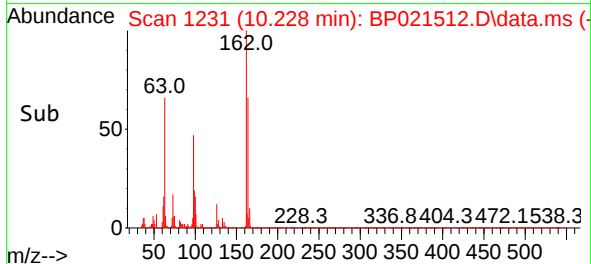
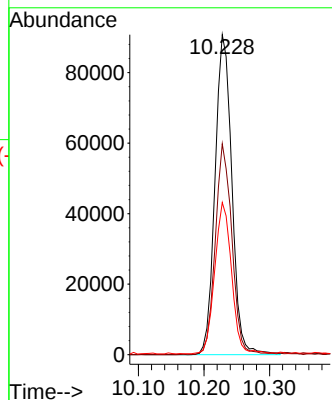
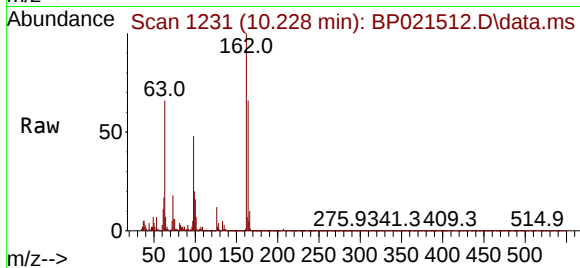
Tgt Ion:162 Resp: 161534

Ion Ratio Lower Upper

162 100

164 65.9 45.9 85.9

98 47.6 26.3 66.3



#30

1,2,4-Trichlorobenzene

Concen: 7.951 ng

RT: 10.457 min Scan# 1270

Delta R.T. -0.000 min

Lab File: BP021512.D

Acq: 15 Aug 2024 13:26

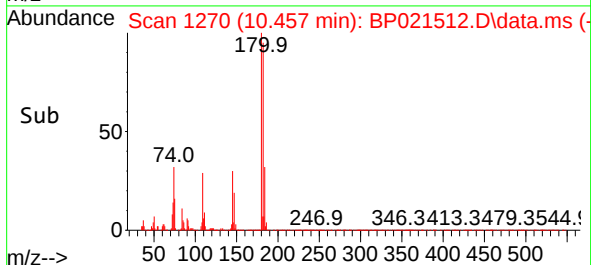
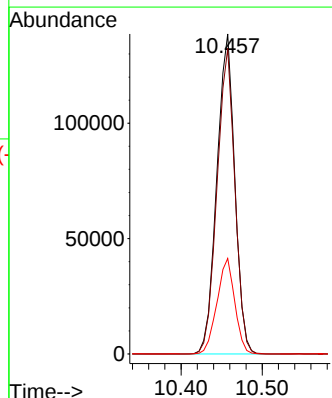
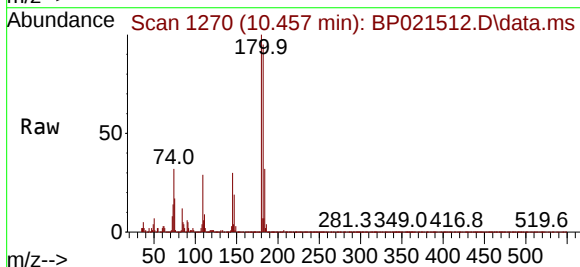
Tgt Ion:180 Resp: 213213

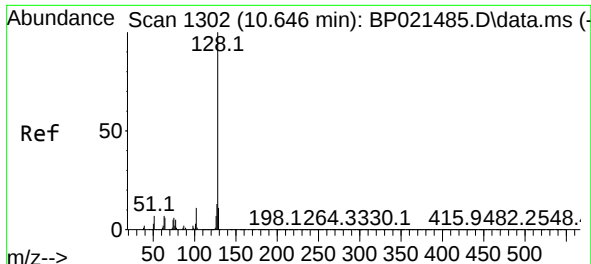
Ion Ratio Lower Upper

180 100

182 95.4 78.3 117.5

145 29.9 24.0 36.0

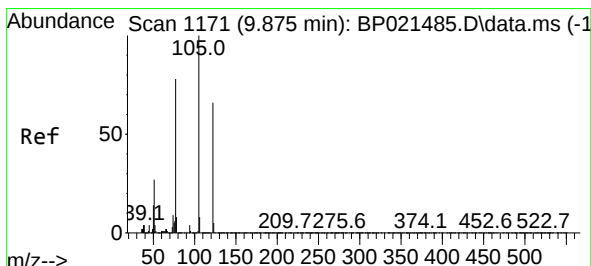
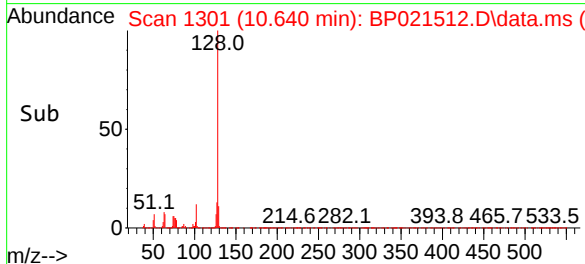
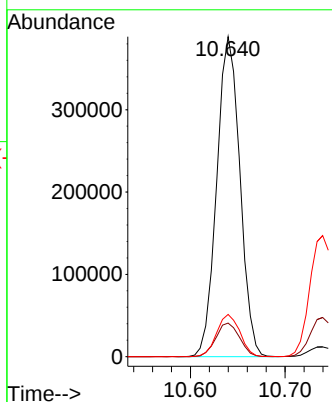
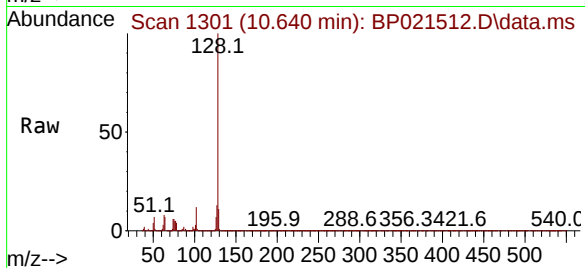




#31
Naphthalene
Concen: 8.080 ng
RT: 10.640 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BP021512.D
Acq: 15 Aug 2024 13:26

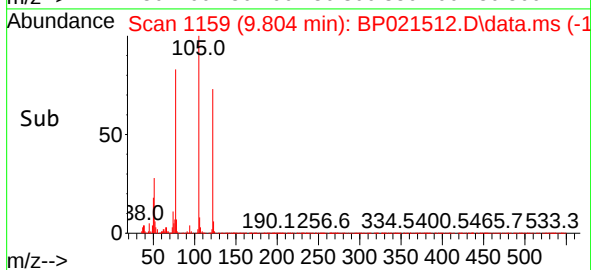
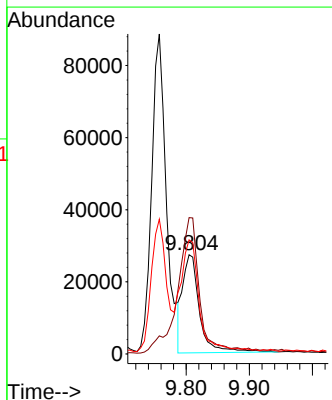
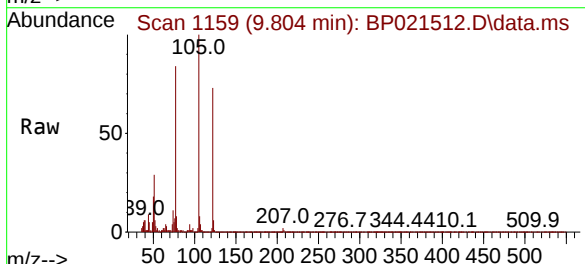
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT3-2024

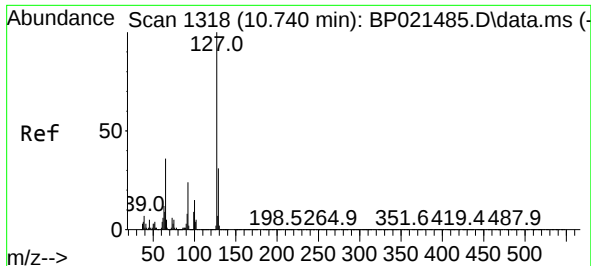
Tgt Ion:128 Resp: 661505
Ion Ratio Lower Upper
128 100
129 10.5 8.6 12.8
127 13.2 10.6 15.8



#32
Benzoic acid
Concen: 9.090 ng
RT: 9.804 min Scan# 1159
Delta R.T. -0.071 min
Lab File: BP021512.D
Acq: 15 Aug 2024 13:26

Tgt Ion:122 Resp: 50467
Ion Ratio Lower Upper
122 100
105 137.4 124.6 164.6
77 114.9 96.2 136.2

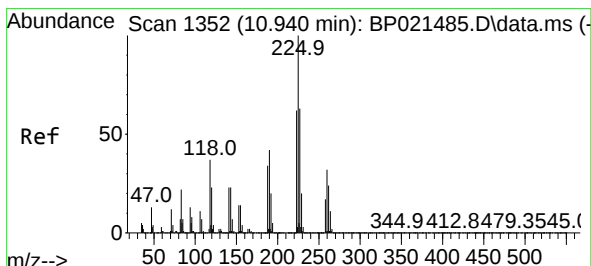
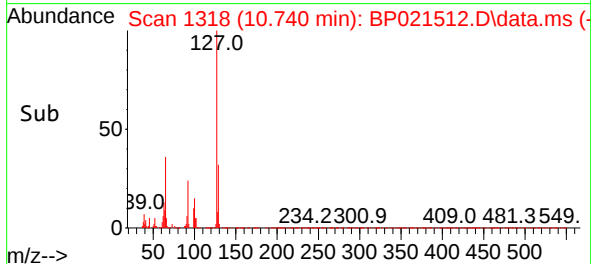
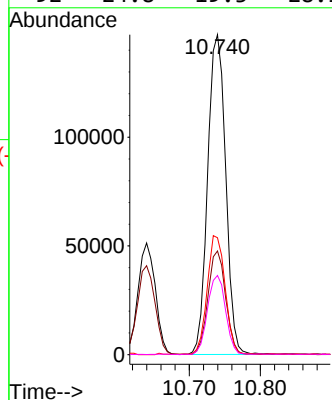
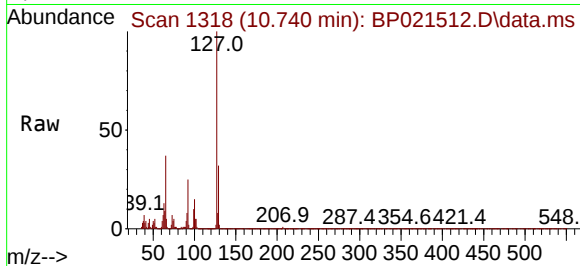




#33
4-Chloroaniline
Concen: 8.436 ng
RT: 10.740 min Scan# 1318
Delta R.T. -0.000 min
Lab File: BP021512.D
Acq: 15 Aug 2024 13:26

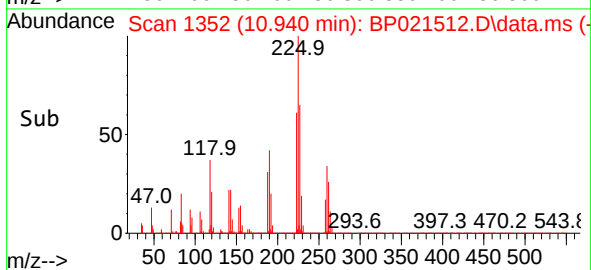
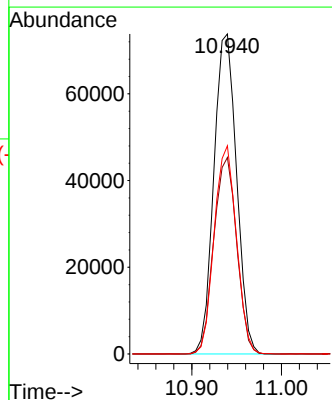
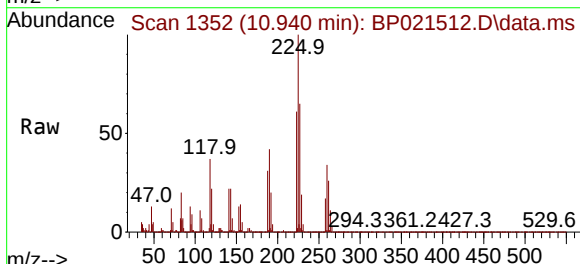
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT3-2024

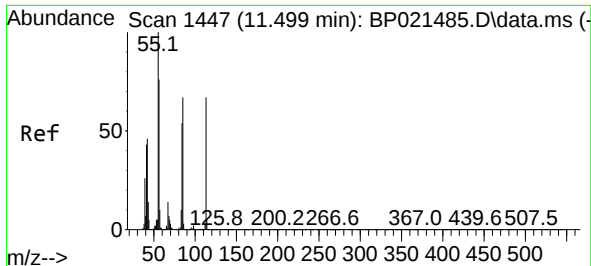
Tgt Ion:	127	Resp:	259435
Ion	Ratio	Lower	Upper
127	100		
129	32.4	24.5	36.7
65	36.5	28.9	43.3
92	24.8	19.3	28.9



#34
Hexachlorobutadiene
Concen: 7.680 ng
RT: 10.940 min Scan# 1352
Delta R.T. -0.000 min
Lab File: BP021512.D
Acq: 15 Aug 2024 13:26

Tgt Ion:	225	Resp:	129659
Ion	Ratio	Lower	Upper
225	100		
223	61.4	49.6	74.4
227	65.1	50.1	75.1

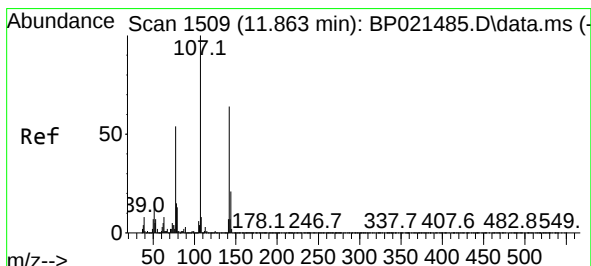
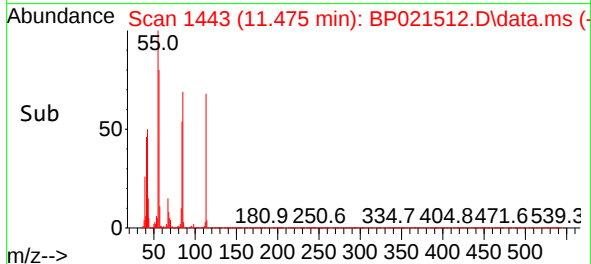
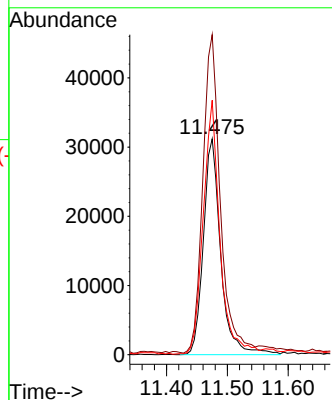
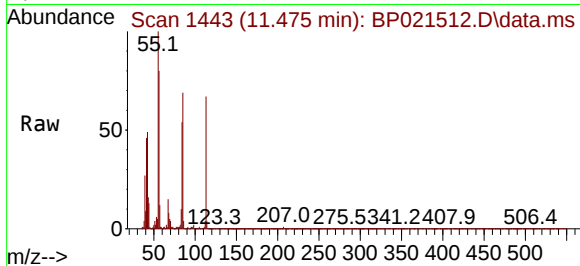




#35
Caprolactam
Concen: 7.087 ng
RT: 11.475 min Scan# 1447
Delta R.T. -0.024 min
Lab File: BP021512.D
Acq: 15 Aug 2024 13:26

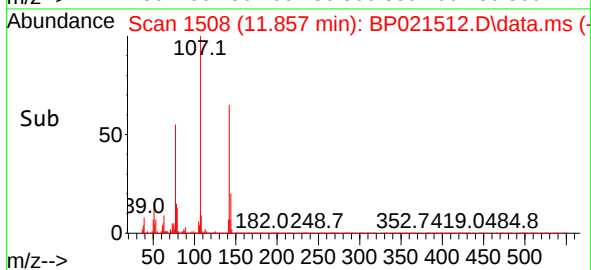
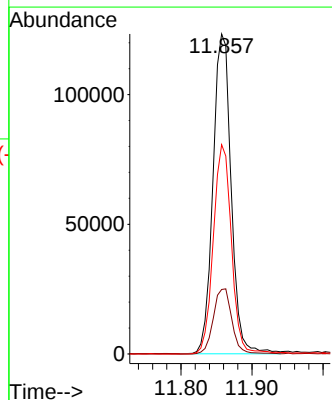
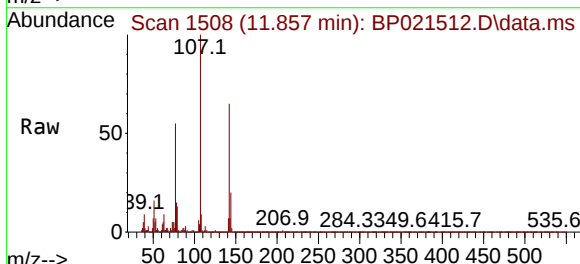
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT3-2024

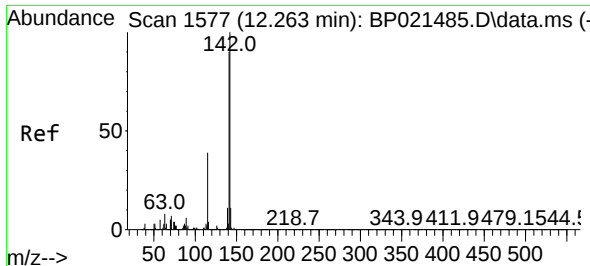
Tgt Ion:113 Resp: 61696
Ion Ratio Lower Upper
113 100
55 148.2 130.6 170.6
56 117.9 94.6 134.6



#36
4-Chloro-3-methylphenol
Concen: 7.552 ng
RT: 11.857 min Scan# 1508
Delta R.T. -0.006 min
Lab File: BP021512.D
Acq: 15 Aug 2024 13:26

Tgt Ion:107 Resp: 219122
Ion Ratio Lower Upper
107 100
144 20.1 16.6 24.8
142 65.4 51.0 76.4

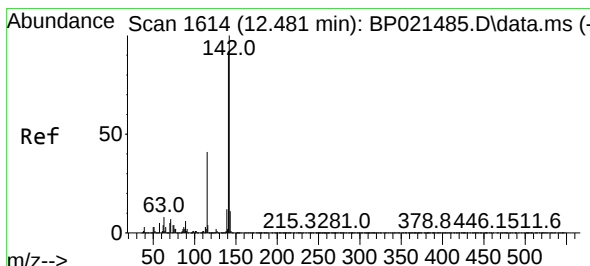
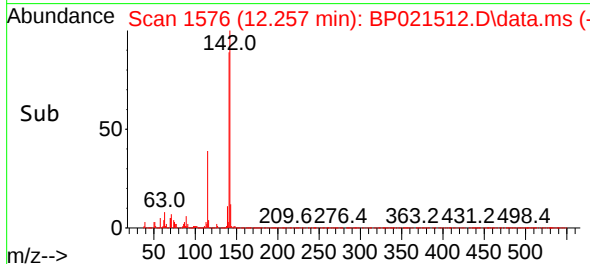
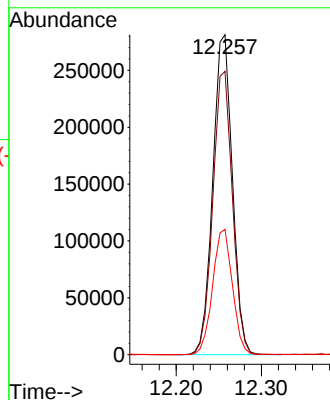
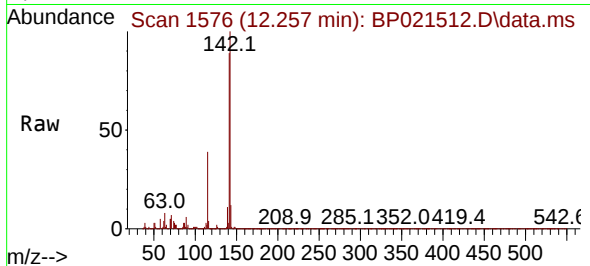




#37
2-Methylnaphthalene
Concen: 8.051 ng
RT: 12.257 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP021512.D
Acq: 15 Aug 2024 13:26

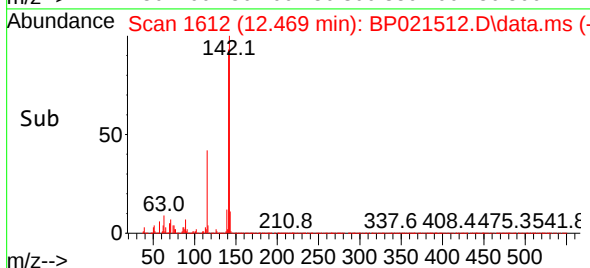
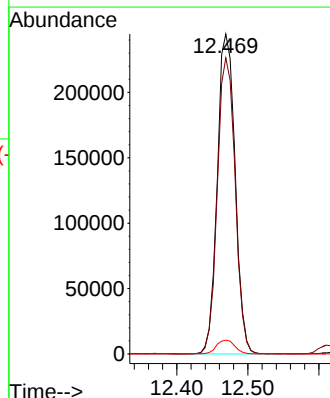
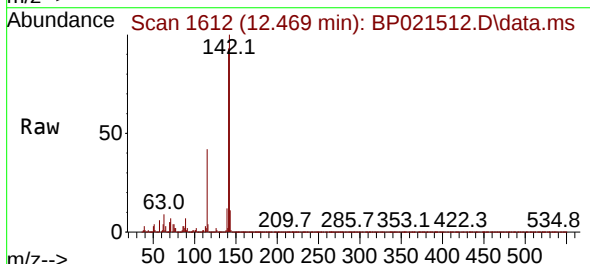
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT3-2024

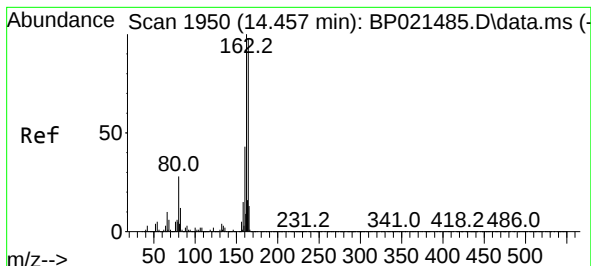
Tgt Ion:142 Resp: 449827
Ion Ratio Lower Upper
142 100
141 88.6 71.7 107.5
115 39.1 31.4 47.2



#38
1-Methylnaphthalene
Concen: 7.707 ng
RT: 12.469 min Scan# 1612
Delta R.T. -0.012 min
Lab File: BP021512.D
Acq: 15 Aug 2024 13:26

Tgt Ion:142 Resp: 424699
Ion Ratio Lower Upper
142 100
141 92.5 73.5 110.3
116 4.3 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.445 min Scan# 1950

Delta R.T. -0.012 min

Lab File: BP021512.D

Acq: 15 Aug 2024 13:26

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT3-2024

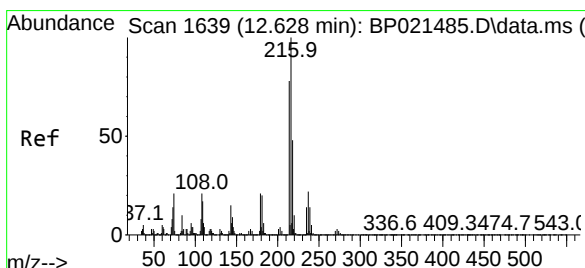
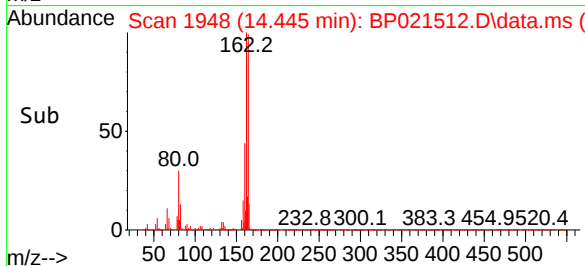
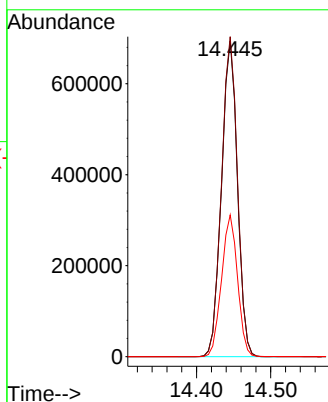
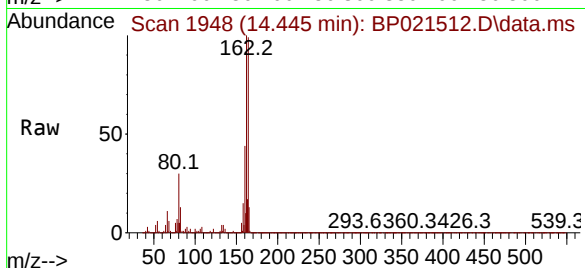
Tgt Ion:164 Resp: 1035391

Ion Ratio Lower Upper

164 100

162 101.3 81.5 122.3

160 44.9 35.2 52.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 8.258 ng

RT: 12.622 min Scan# 1638

Delta R.T. -0.006 min

Lab File: BP021512.D

Acq: 15 Aug 2024 13:26

Tgt Ion:216 Resp: 250514

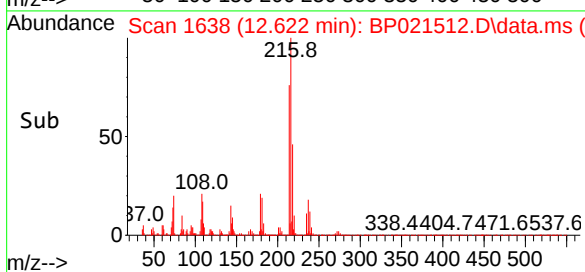
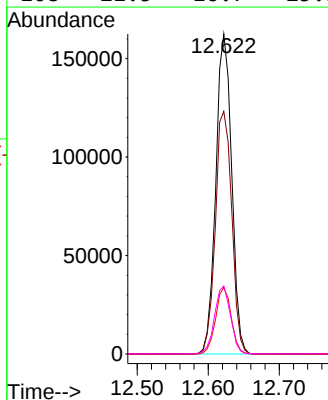
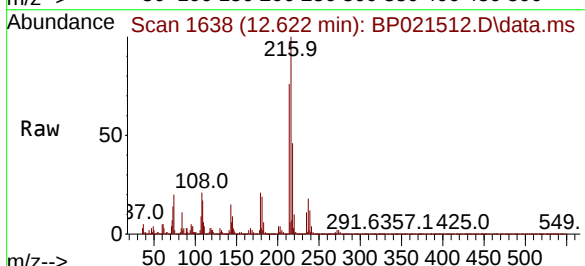
Ion Ratio Lower Upper

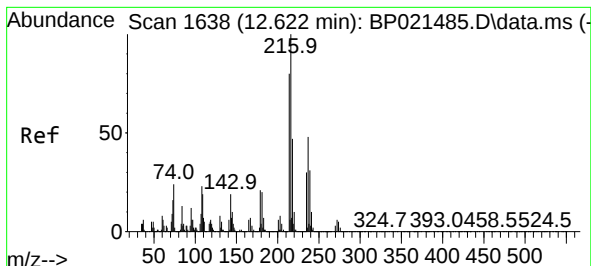
216 100

214 78.5 62.5 93.7

179 20.4 16.4 24.6

108 21.5 16.7 25.1





#41

Hexachlorocyclopentadiene

Concen: 7.765 ng

RT: 12.610 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP021512.D

Acq: 15 Aug 2024 13:26

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT3-2024

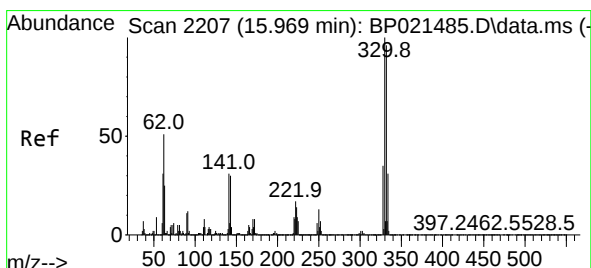
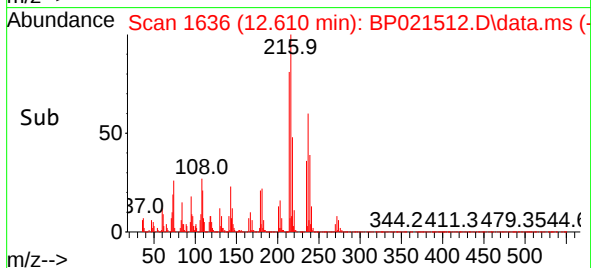
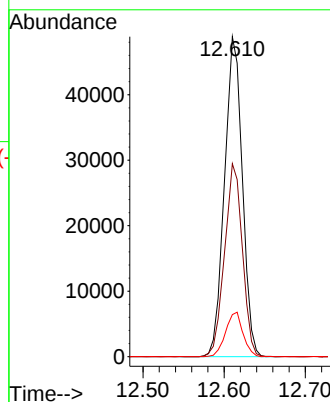
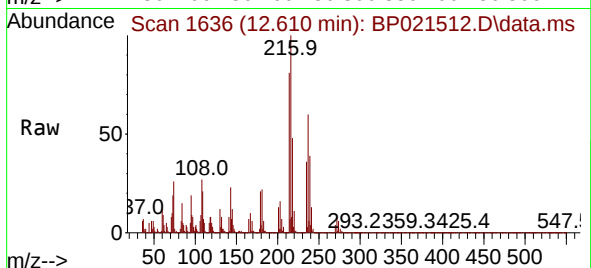
Tgt Ion:237 Resp: 74660

Ion Ratio Lower Upper

237 100

235 60.3 43.9 83.9

272 13.2 0.0 33.3



#42

2,4,6-Tribromophenol

Concen: 129.701 ng

RT: 15.951 min Scan# 2204

Delta R.T. -0.018 min

Lab File: BP021512.D

Acq: 15 Aug 2024 13:26

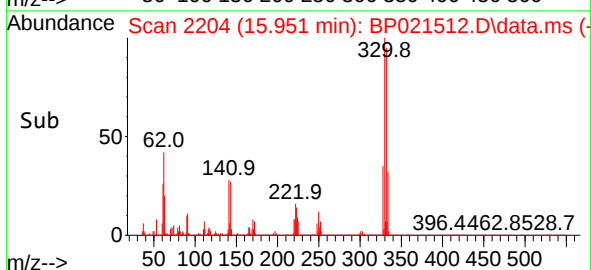
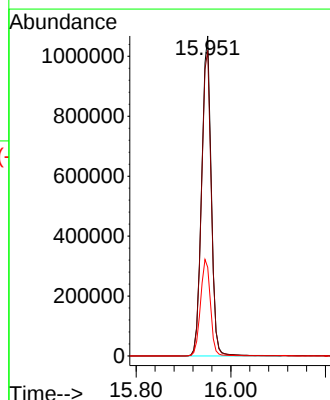
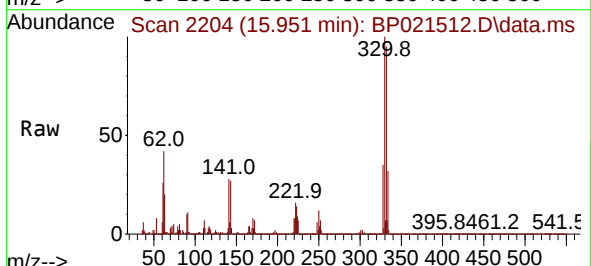
Tgt Ion:330 Resp: 1494608

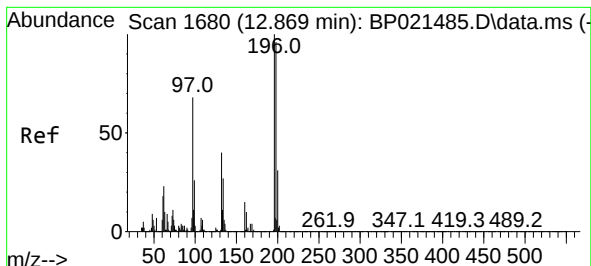
Ion Ratio Lower Upper

330 100

332 96.6 77.4 116.0

141 31.3 24.5 36.7





#43

2,4,6-Trichlorophenol

Concen: 7.380 ng

RT: 12.857 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP021512.D

Acq: 15 Aug 2024 13:26

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT3-2024

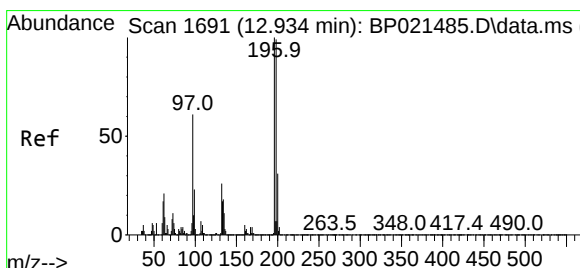
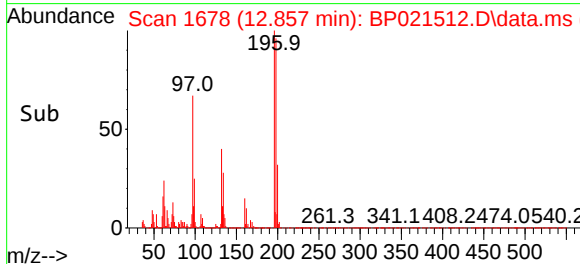
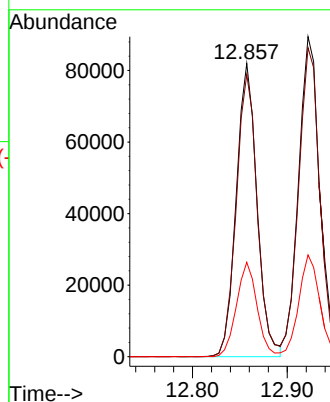
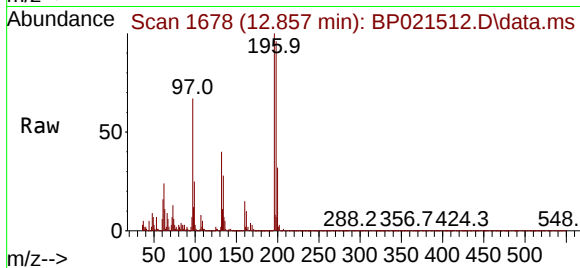
Tgt Ion:196 Resp: 124365

Ion Ratio Lower Upper

196 100

198 96.3 76.6 114.8

200 32.2 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 7.559 ng

RT: 12.922 min Scan# 1689

Delta R.T. -0.012 min

Lab File: BP021512.D

Acq: 15 Aug 2024 13:26

Tgt Ion:196 Resp: 141534

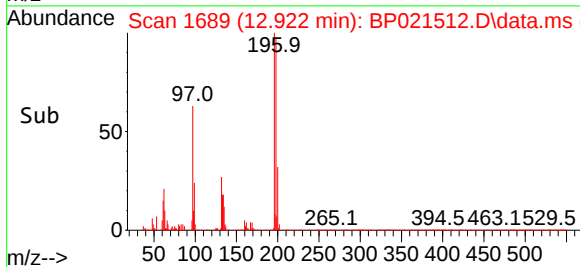
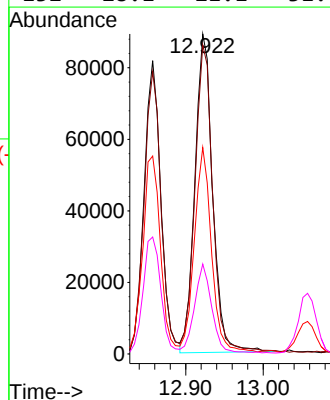
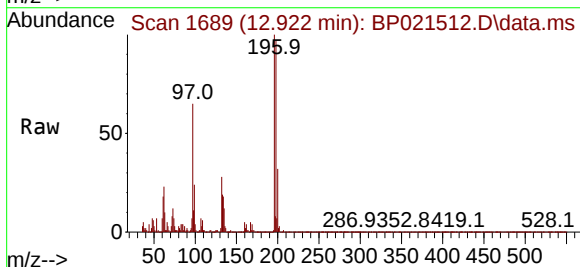
Ion Ratio Lower Upper

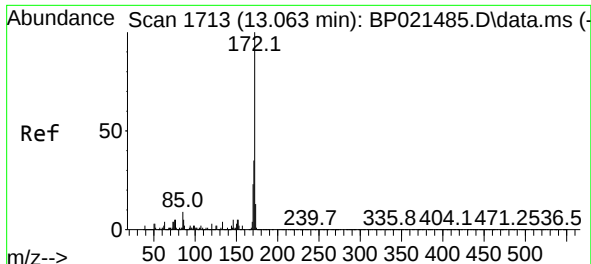
196 100

198 96.5 78.9 118.3

97 64.5 49.4 74.0

132 28.1 21.1 31.7

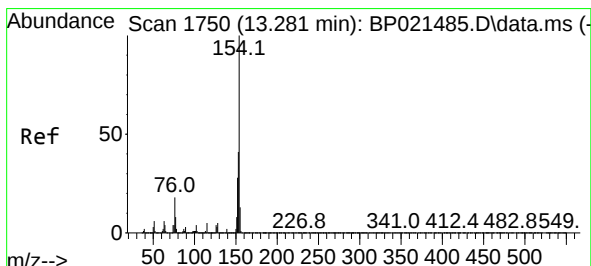
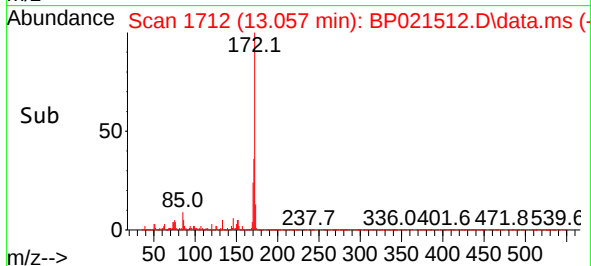
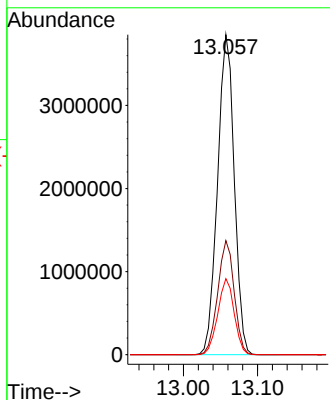
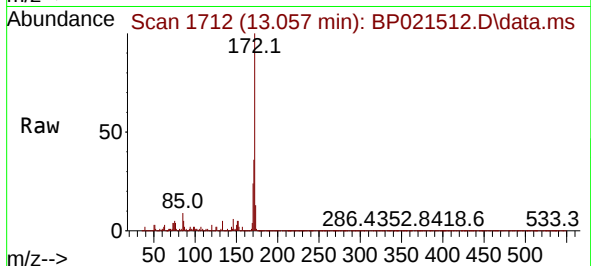




#45
2-Fluorobiphenyl
Concen: 88.944 ng
RT: 13.057 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BP021512.D
Acq: 15 Aug 2024 13:26

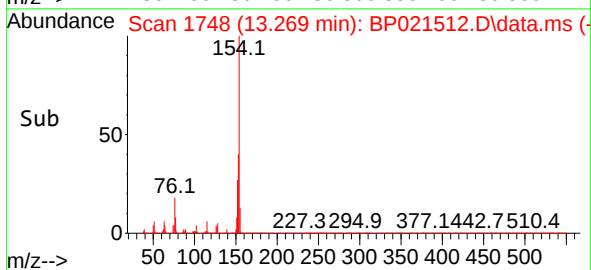
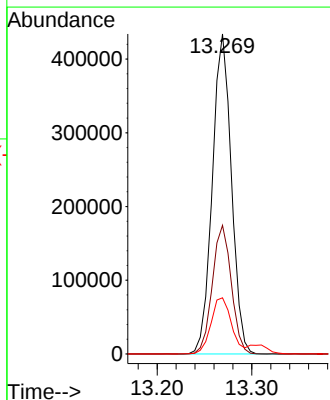
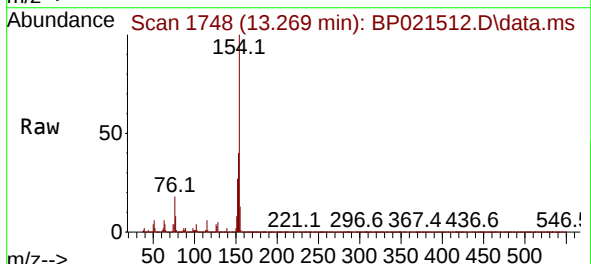
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT3-2024

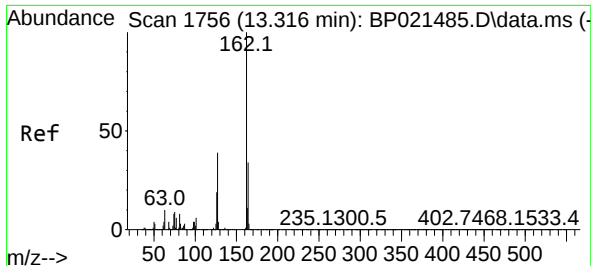
Tgt Ion:172 Resp: 6034231
Ion Ratio Lower Upper
172 100
171 35.7 28.2 42.4
170 23.7 18.4 27.6



#46
1,1'-Biphenyl
Concen: 8.294 ng
RT: 13.269 min Scan# 1748
Delta R.T. -0.012 min
Lab File: BP021512.D
Acq: 15 Aug 2024 13:26

Tgt Ion:154 Resp: 607541
Ion Ratio Lower Upper
154 100
153 40.2 20.7 60.7
76 17.6 0.0 37.7

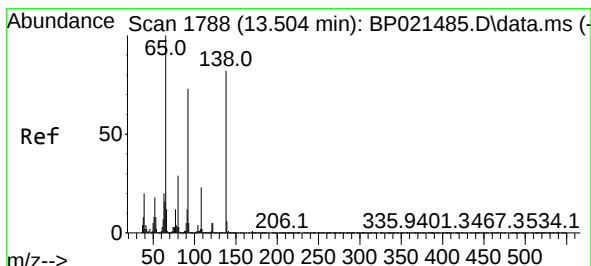
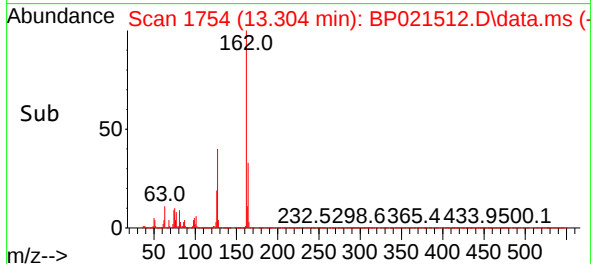
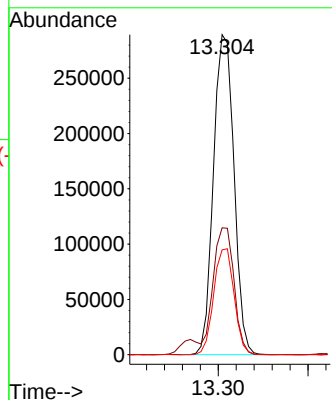
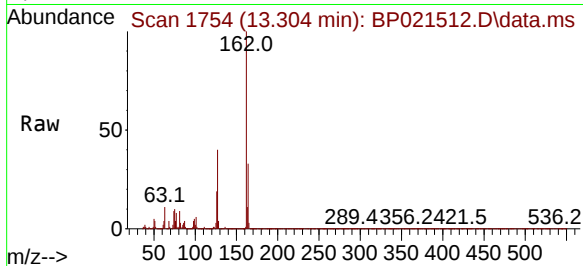




#47
2-Chloronaphthalene
Concen: 8.058 ng
RT: 13.304 min Scan# 1754
Delta R.T. -0.012 min
Lab File: BP021512.D
Acq: 15 Aug 2024 13:26

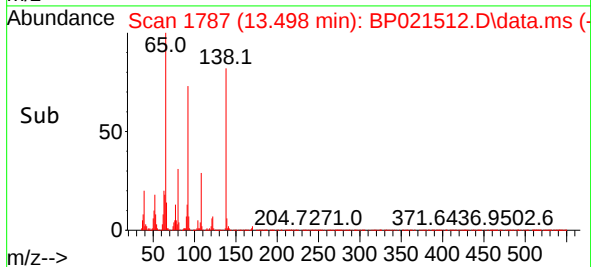
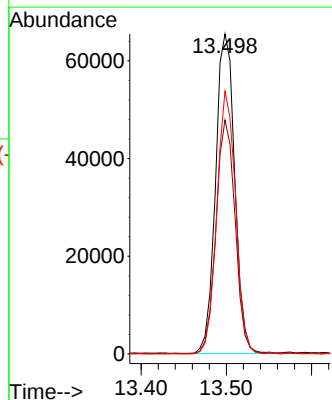
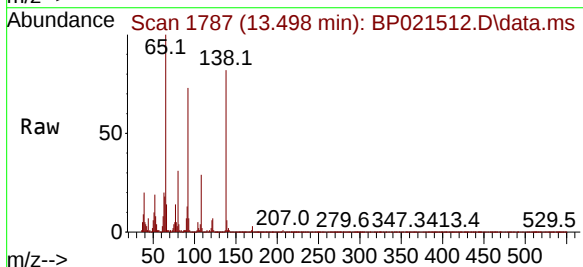
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT3-2024

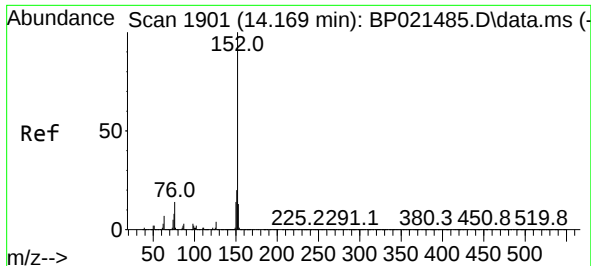
Tgt Ion:162 Resp: 459589
Ion Ratio Lower Upper
162 100
127 39.7 31.9 47.9
164 32.7 26.8 40.2



#48
2-Nitroaniline
Concen: 10.874 ng
RT: 13.498 min Scan# 1787
Delta R.T. -0.006 min
Lab File: BP021512.D
Acq: 15 Aug 2024 13:26

Tgt Ion: 65 Resp: 102528
Ion Ratio Lower Upper
65 100
92 73.1 58.1 87.1
138 82.1 65.5 98.3

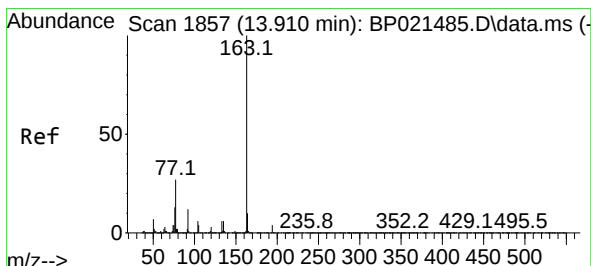
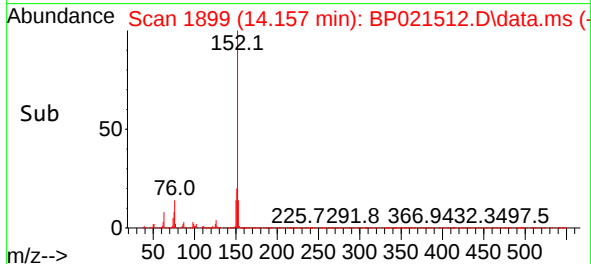
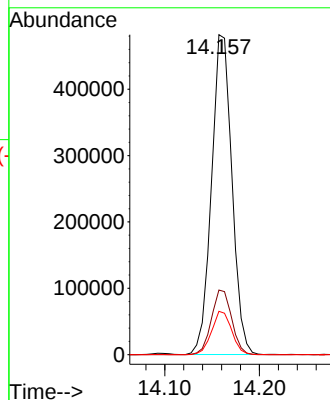
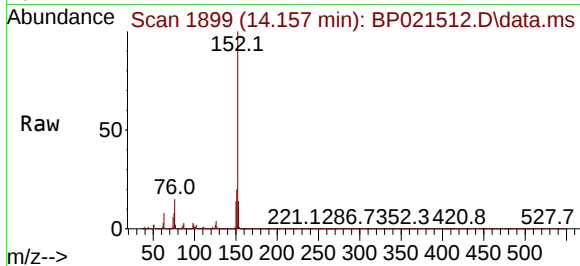




#49
Acenaphthylene
Concen: 8.619 ng
RT: 14.157 min Scan# 1899
Delta R.T. -0.012 min
Lab File: BP021512.D
Acq: 15 Aug 2024 13:26

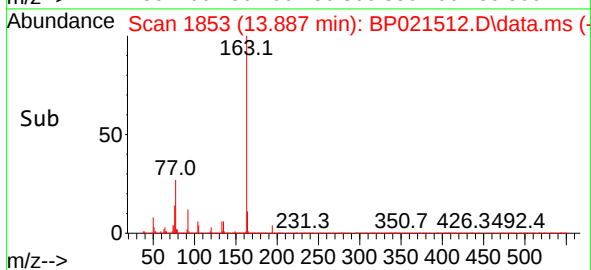
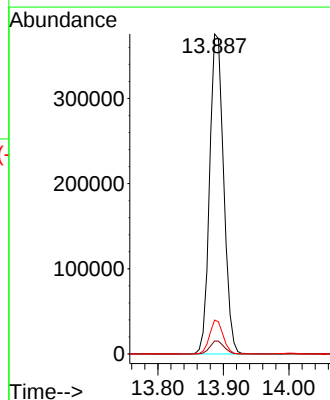
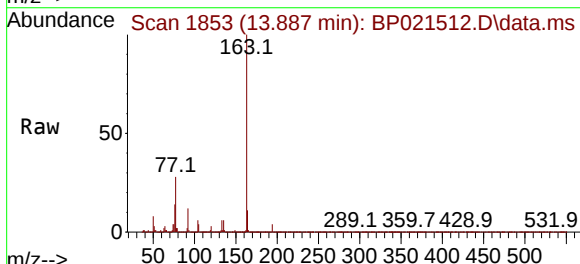
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT3-2024

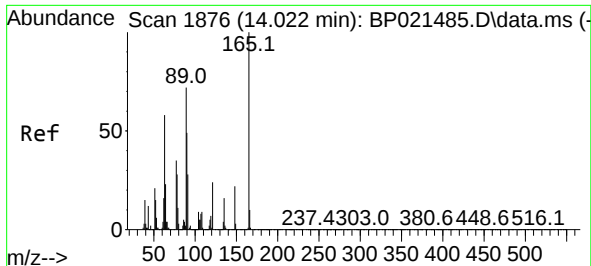
Tgt Ion:152 Resp: 722623
Ion Ratio Lower Upper
152 100
151 20.2 15.9 23.9
153 13.6 10.6 16.0



#50
Dimethylphthalate
Concen: 8.054 ng
RT: 13.887 min Scan# 1853
Delta R.T. -0.023 min
Lab File: BP021512.D
Acq: 15 Aug 2024 13:26

Tgt Ion:163 Resp: 558486
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.6 8.3 12.5

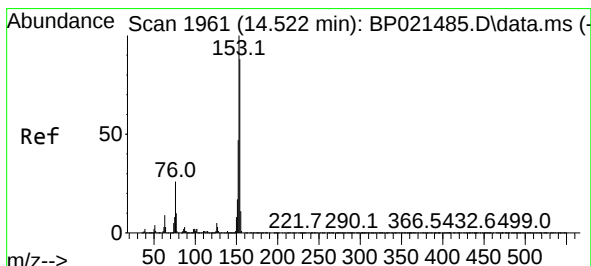
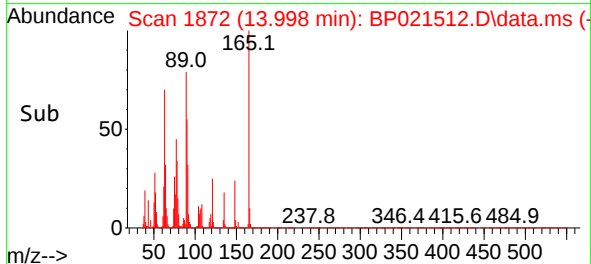
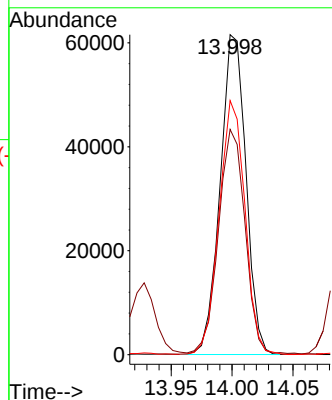
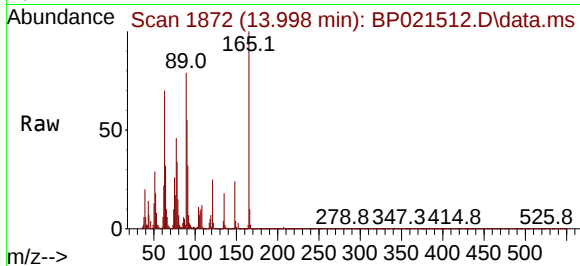




#51
2,6-Dinitrotoluene
Concen: 9.928 ng
RT: 13.998 min Scan# 1876
Delta R.T. -0.024 min
Lab File: BP021512.D
Acq: 15 Aug 2024 13:26

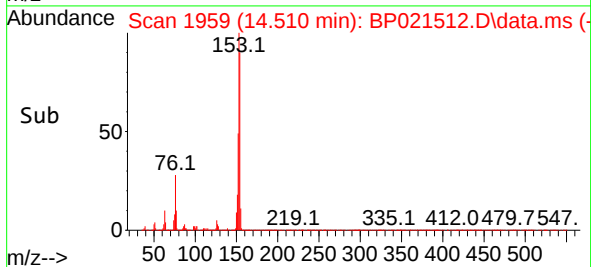
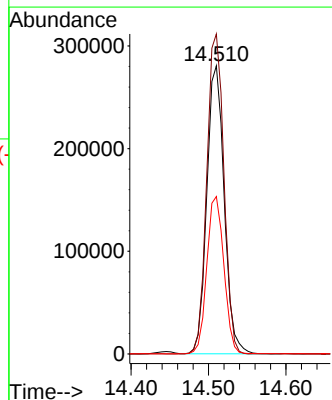
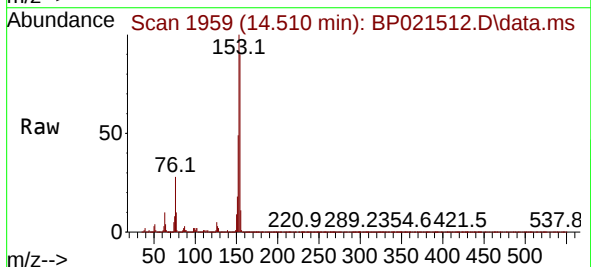
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT3-2024

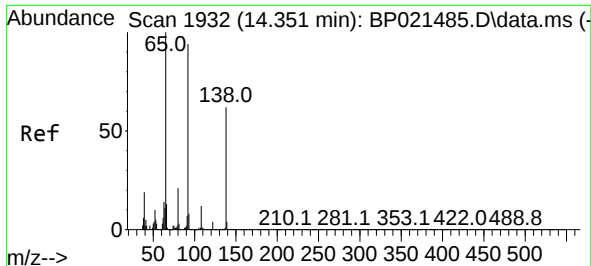
Tgt Ion:165 Resp: 90651
Ion Ratio Lower Upper
165 100
63 70.4 51.5 77.3
89 79.4 57.8 86.8



#52
Acenaphthene
Concen: 7.951 ng
RT: 14.510 min Scan# 1959
Delta R.T. -0.012 min
Lab File: BP021512.D
Acq: 15 Aug 2024 13:26

Tgt Ion:154 Resp: 437376
Ion Ratio Lower Upper
154 100
153 111.0 91.1 136.7
152 54.6 43.0 64.4

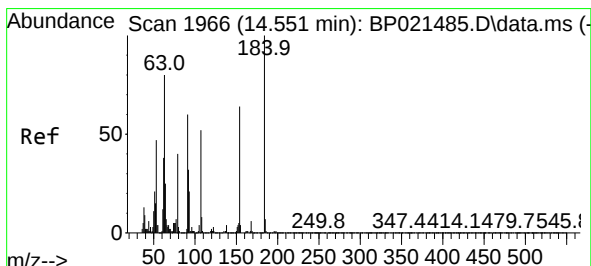
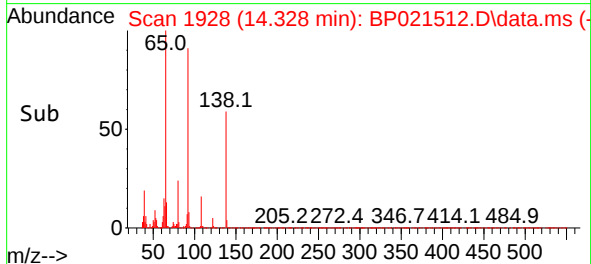
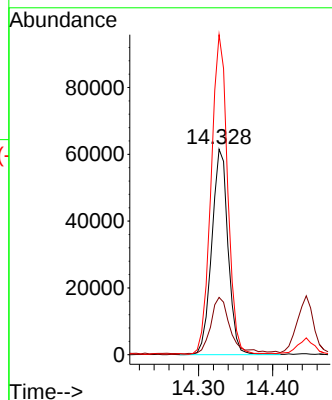
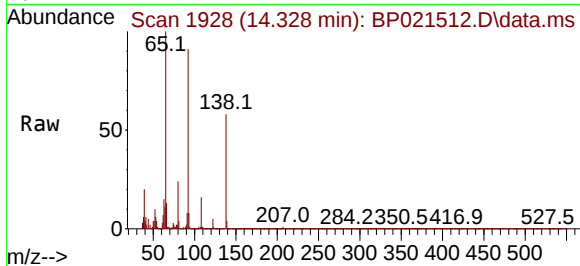




#53
3-Nitroaniline
Concen: 10.233 ng
RT: 14.328 min Scan# 1932
Delta R.T. -0.023 min
Lab File: BP021512.D
Acq: 15 Aug 2024 13:26

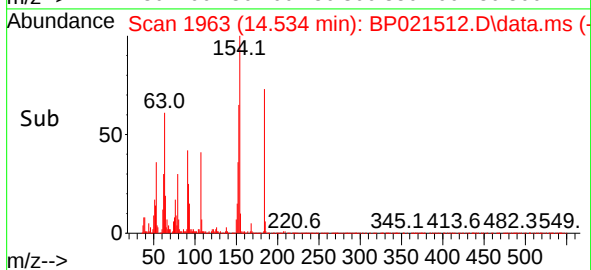
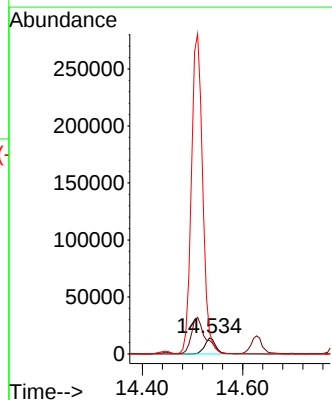
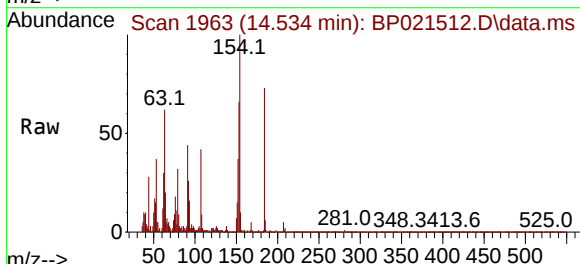
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT3-2024

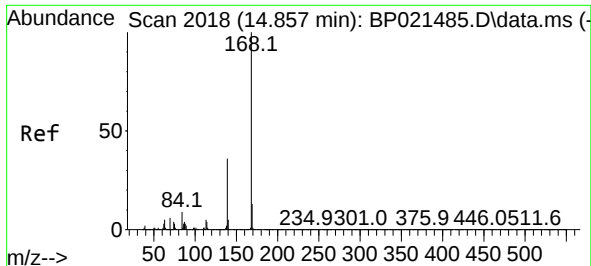
Tgt Ion:138 Resp: 93904
Ion Ratio Lower Upper
138 100
108 27.9 16.2 24.4#
92 155.8 122.2 183.4



#54
2,4-Dinitrophenol
Concen: 10.092 ng
RT: 14.534 min Scan# 1963
Delta R.T. -0.017 min
Lab File: BP021512.D
Acq: 15 Aug 2024 13:26

Tgt Ion:184 Resp: 21458
Ion Ratio Lower Upper
184 100
63 84.9 64.9 97.3
154 137.4 52.1 78.1#

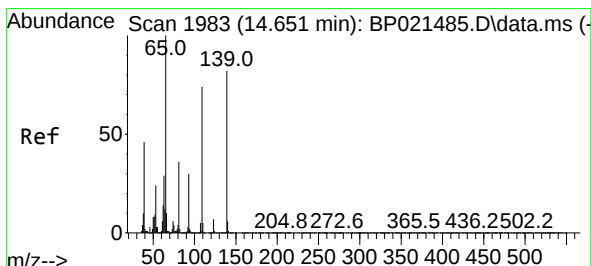
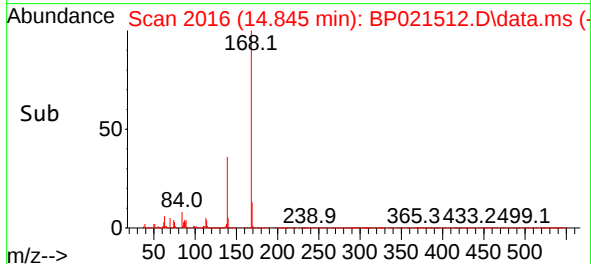
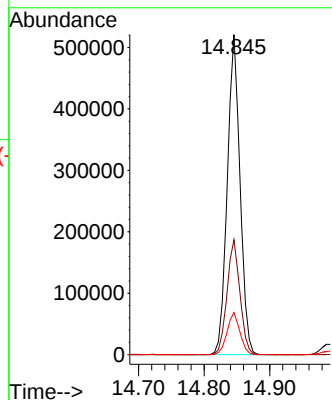
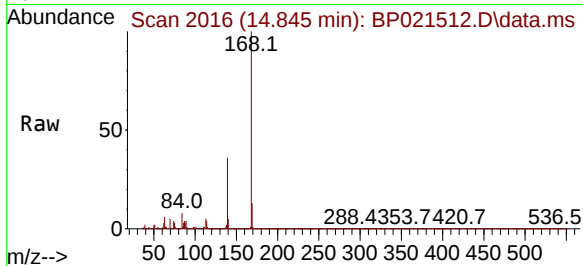




#55
Dibenzofuran
Concen: 8.278 ng
RT: 14.845 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BP021512.D
Acq: 15 Aug 2024 13:26

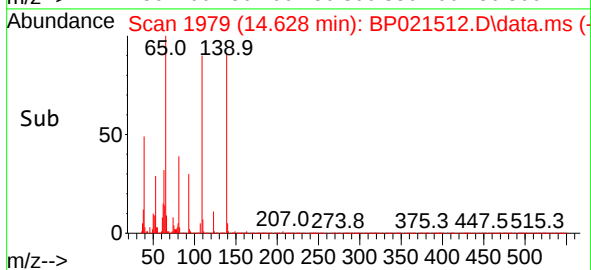
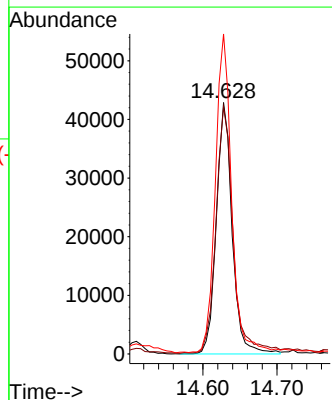
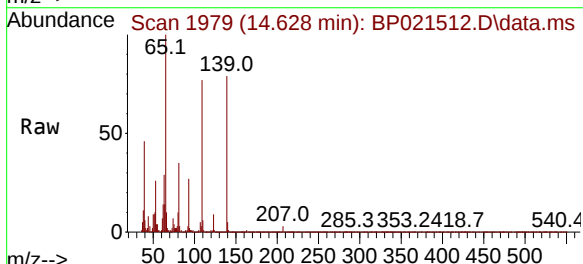
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT3-2024

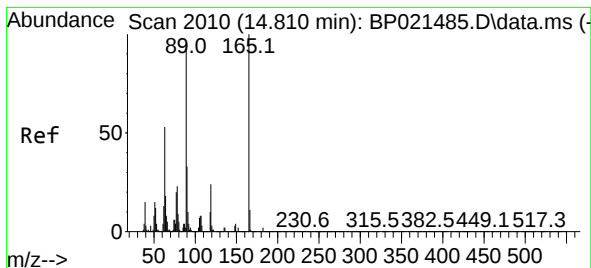
Tgt Ion:168 Resp: 700491
Ion Ratio Lower Upper
168 100
139 35.9 28.6 43.0
169 13.2 10.6 16.0



#56
4-Nitrophenol
Concen: 10.266 ng
RT: 14.628 min Scan# 1979
Delta R.T. -0.023 min
Lab File: BP021512.D
Acq: 15 Aug 2024 13:26

Tgt Ion:139 Resp: 63694
Ion Ratio Lower Upper
139 100
109 98.4 70.2 110.2
65 127.3 101.8 141.8





#57

2,4-Dinitrotoluene

Concen: 10.053 ng

RT: 14.798 min Scan# 2010

Delta R.T. -0.012 min

Lab File: BP021512.D

Acq: 15 Aug 2024 13:26

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT3-2024

Tgt Ion:165 Resp: 99962

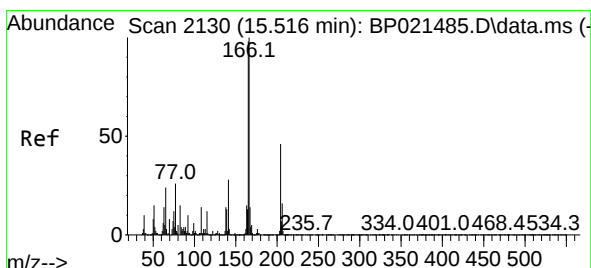
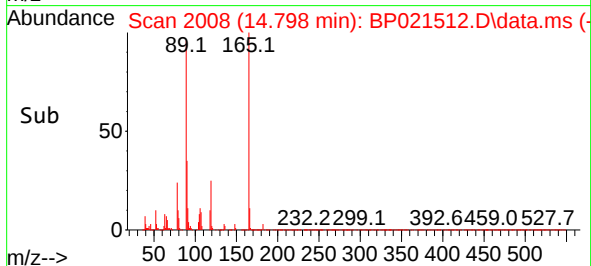
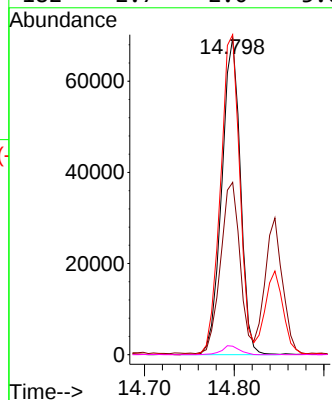
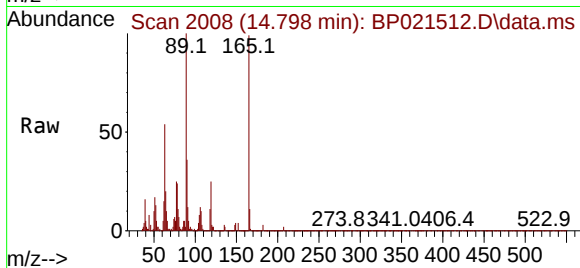
Ion Ratio Lower Upper

165 100

63 54.5 42.5 63.7

89 101.1 77.1 115.7

182 2.7 2.0 3.0



#58

Fluorene

Concen: 8.163 ng

RT: 15.504 min Scan# 2128

Delta R.T. -0.012 min

Lab File: BP021512.D

Acq: 15 Aug 2024 13:26

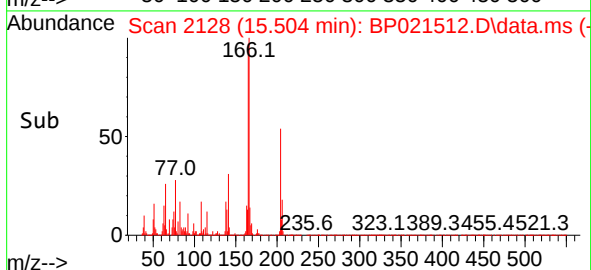
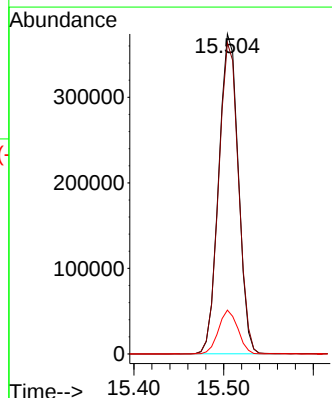
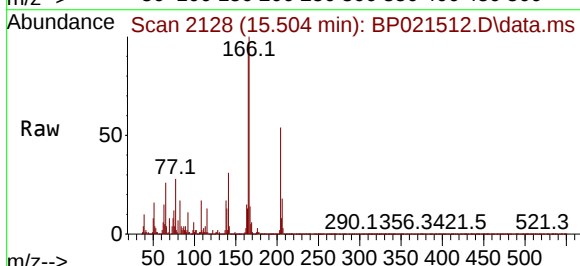
Tgt Ion:166 Resp: 567522

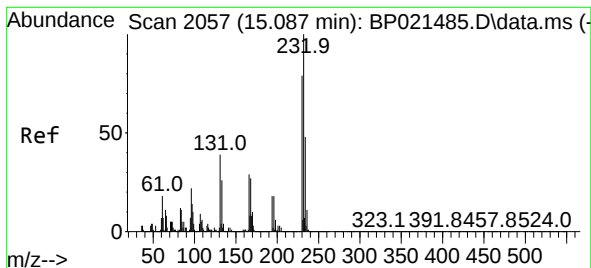
Ion Ratio Lower Upper

166 100

165 97.2 78.1 117.1

167 13.7 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 7.657 ng

RT: 15.069 min Scan# 2054

Delta R.T. -0.018 min

Lab File: BP021512.D

Acq: 15 Aug 2024 13:26

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT3-2024

Tgt Ion:232 Resp: 121682

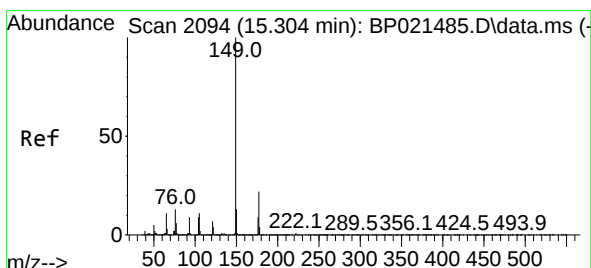
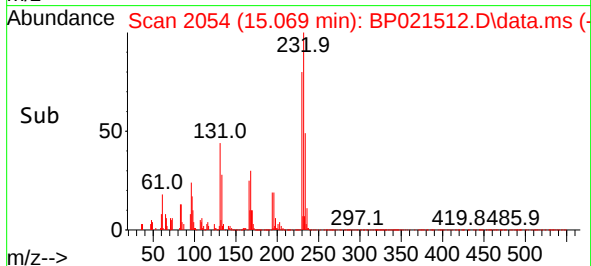
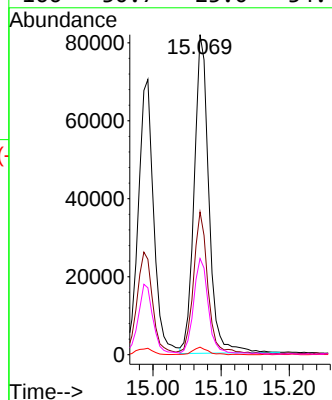
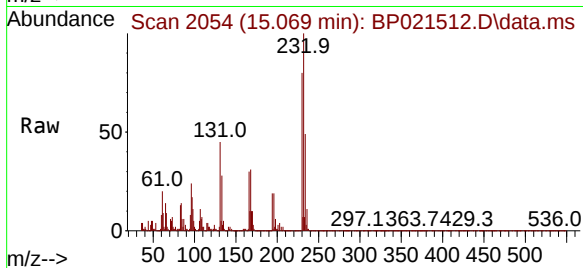
Ion Ratio Lower Upper

232 100

131 44.4 33.1 49.7

130 2.3 1.7 2.5

166 30.7 23.0 34.4



#60

Diethylphthalate

Concen: 7.735 ng

RT: 15.275 min Scan# 2089

Delta R.T. -0.030 min

Lab File: BP021512.D

Acq: 15 Aug 2024 13:26

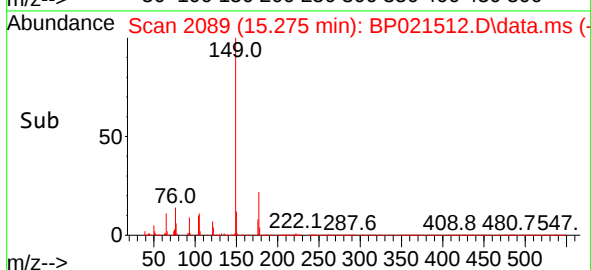
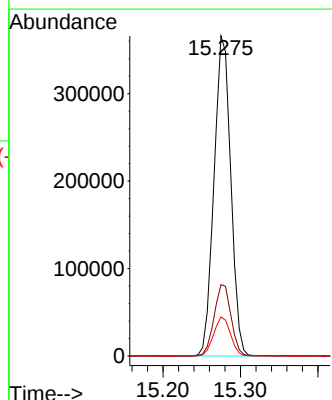
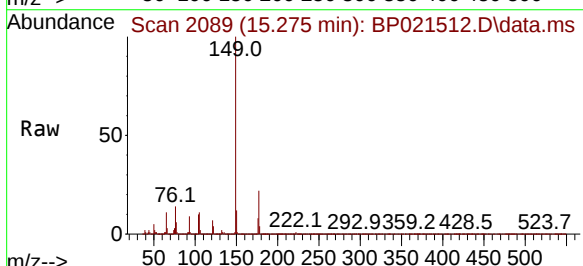
Tgt Ion:149 Resp: 550277

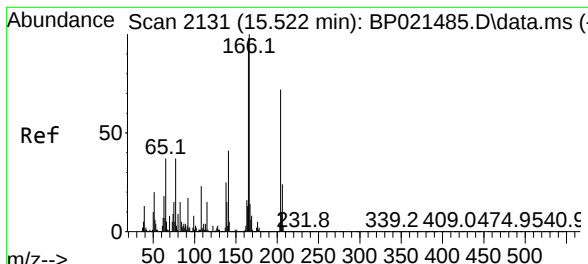
Ion Ratio Lower Upper

149 100

177 22.3 17.8 26.8

150 12.2 10.1 15.1

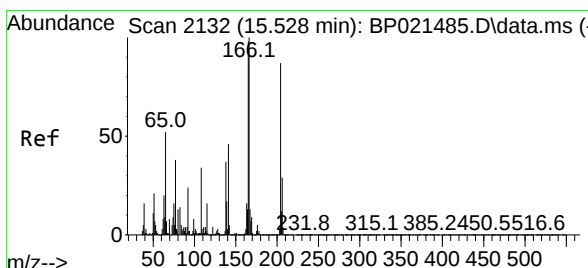
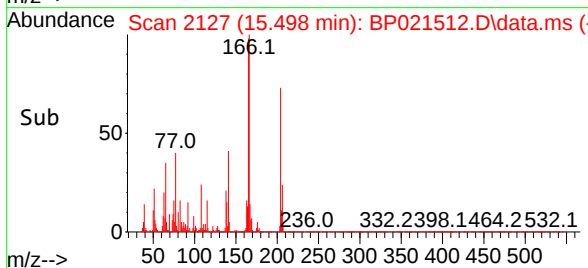
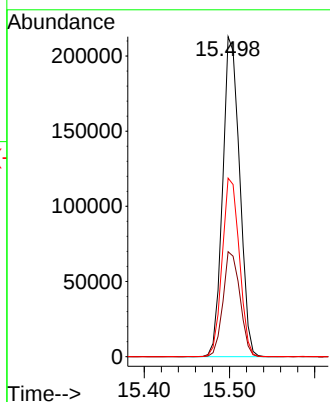
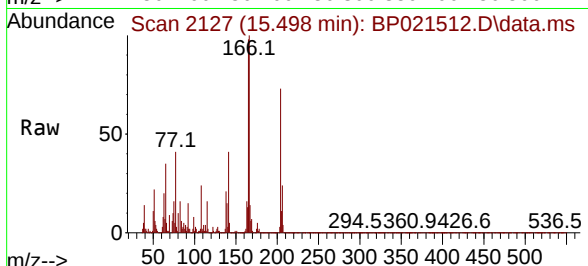




#61
4-Chlorophenyl-phenylether
Concen: 8.188 ng
RT: 15.498 min Scan# 2127
Delta R.T. -0.024 min
Lab File: BP021512.D
Acq: 15 Aug 2024 13:26

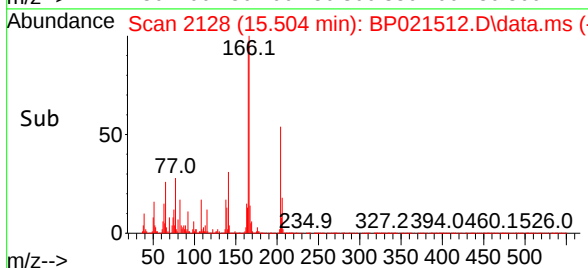
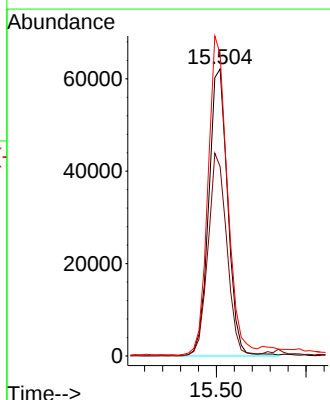
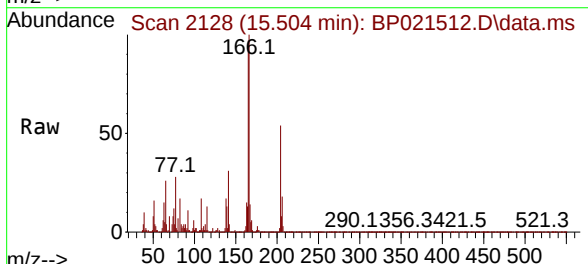
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT3-2024

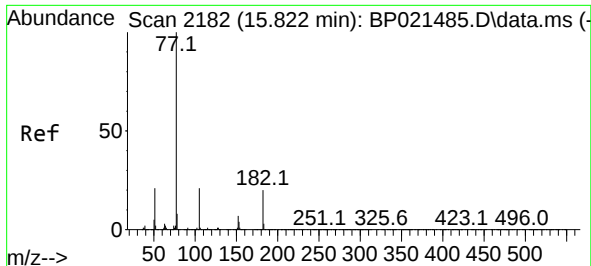
Tgt Ion:204 Resp: 294232
Ion Ratio Lower Upper
204 100
206 32.8 26.4 39.6
141 55.8 46.1 69.1



#62
4-Nitroaniline
Concen: 9.007 ng
RT: 15.504 min Scan# 2128
Delta R.T. -0.024 min
Lab File: BP021512.D
Acq: 15 Aug 2024 13:26

Tgt Ion:138 Resp: 91434
Ion Ratio Lower Upper
138 100
92 65.9 46.4 86.4
108 105.2 73.2 113.2

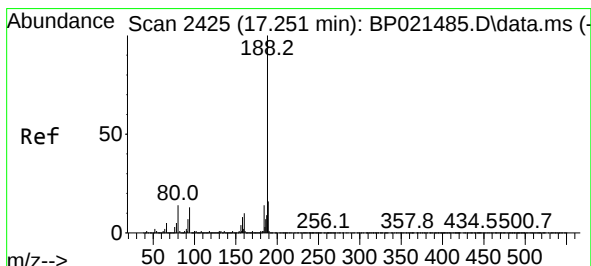
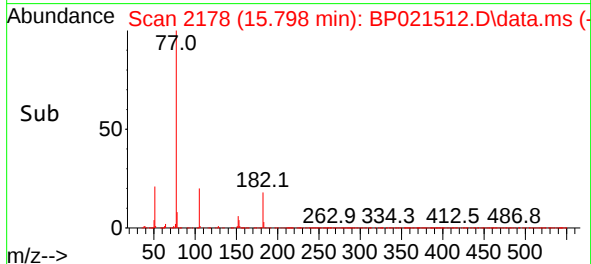
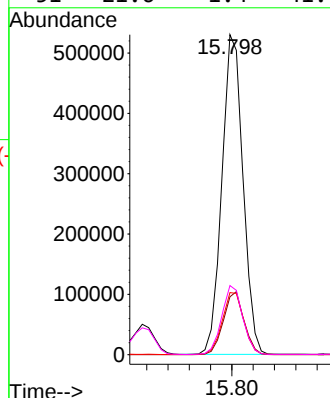
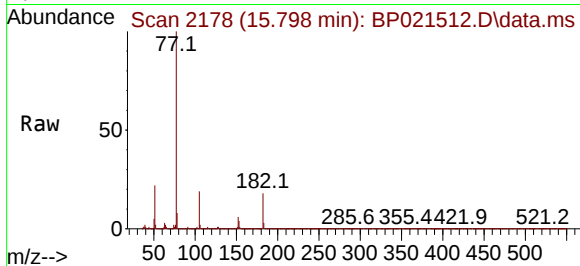




#63
Azobenzene
Concen: 8.312 ng
RT: 15.798 min Scan# 2182
Delta R.T. -0.024 min
Lab File: BP021512.D
Acq: 15 Aug 2024 13:26

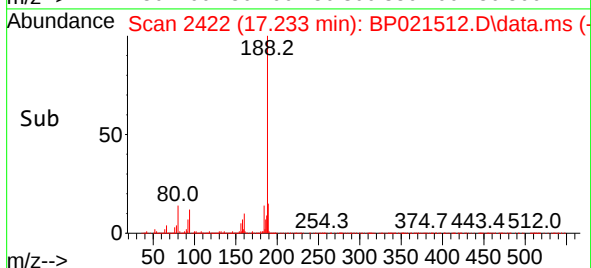
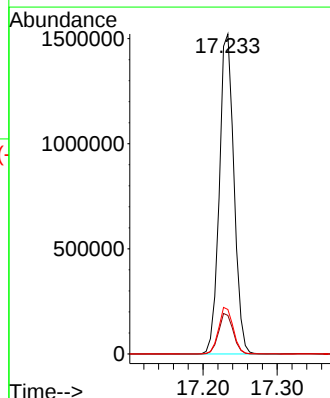
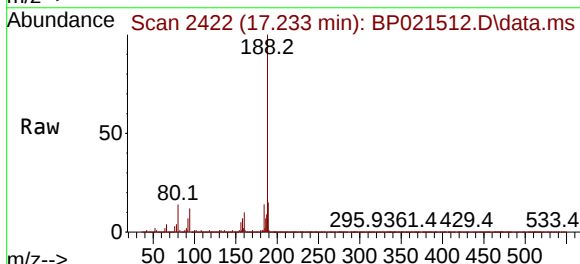
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT3-2024

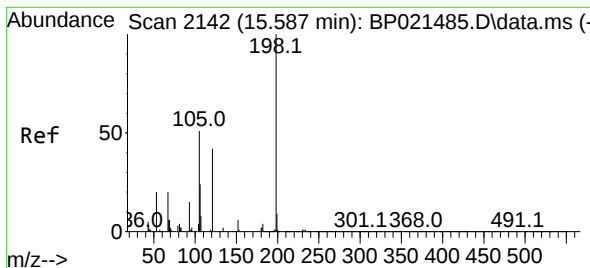
Tgt Ion: 77	Resp: 726887
Ion Ratio	Lower Upper
77 100	
182 18.1	0.0 39.9
105 19.4	0.9 40.9
51 21.6	1.4 41.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.233 min Scan# 2422
Delta R.T. -0.018 min
Lab File: BP021512.D
Acq: 15 Aug 2024 13:26

Tgt Ion:188	Resp: 2083275		
Ion Ratio	Lower	Upper	
188 100			
94 12.1	10.2	15.4	
80 13.9	11.6	17.4	

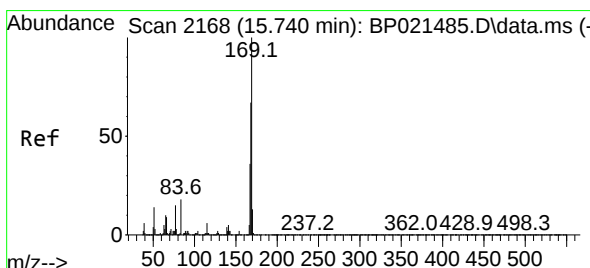
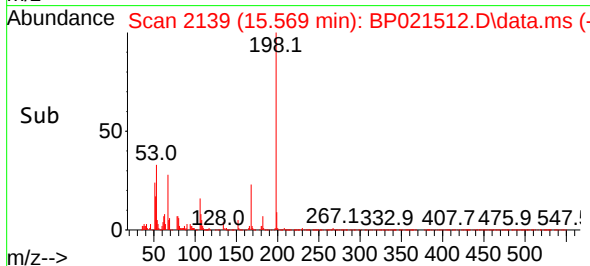
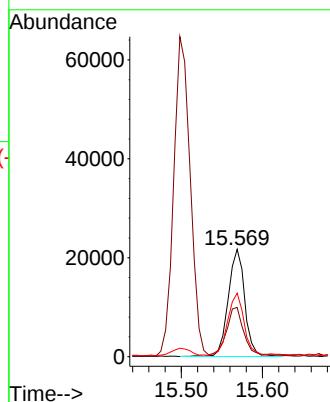
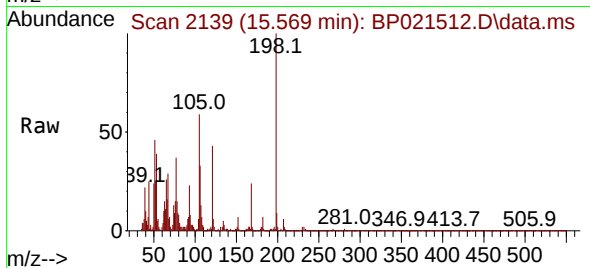




#65
4,6-Dinitro-2-methylphenol
Concen: 10.590 ng
RT: 15.569 min Scan# 2142
Delta R.T. -0.018 min
Lab File: BP021512.D
Acq: 15 Aug 2024 13:26

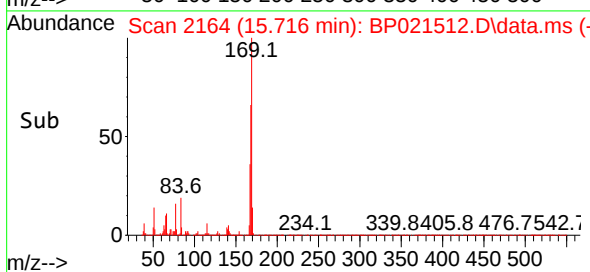
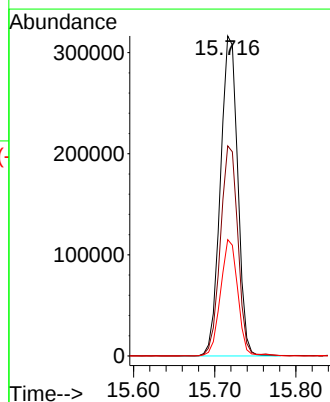
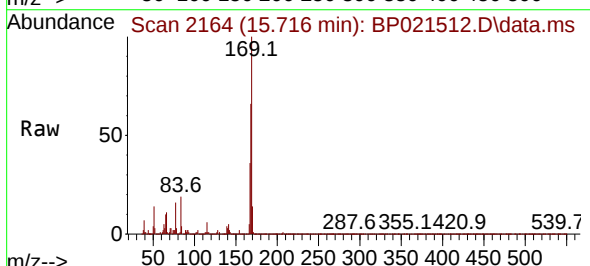
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT3-2024

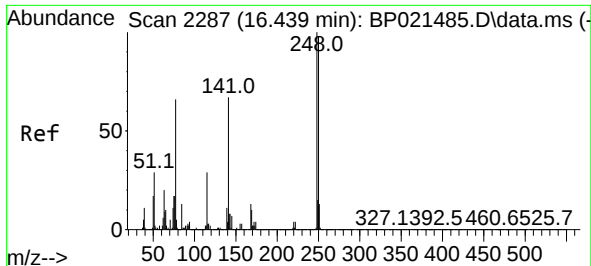
Tgt Ion:198 Resp: 30475
Ion Ratio Lower Upper
198 100
51 46.0 21.5 61.5
105 59.2 32.9 72.9



#66
n-Nitrosodiphenylamine
Concen: 8.403 ng
RT: 15.716 min Scan# 2164
Delta R.T. -0.024 min
Lab File: BP021512.D
Acq: 15 Aug 2024 13:26

Tgt Ion:169 Resp: 469125
Ion Ratio Lower Upper
169 100
168 65.7 53.4 80.2
167 36.4 28.7 43.1

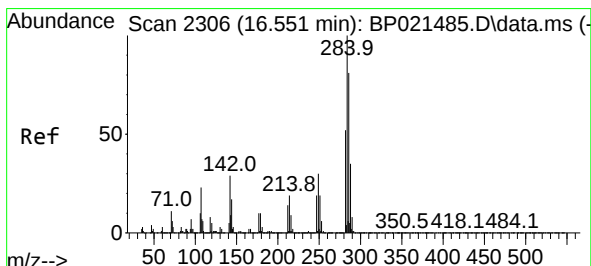
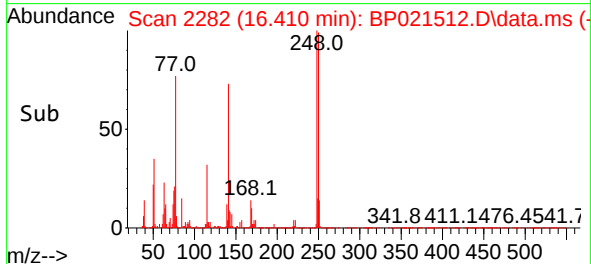
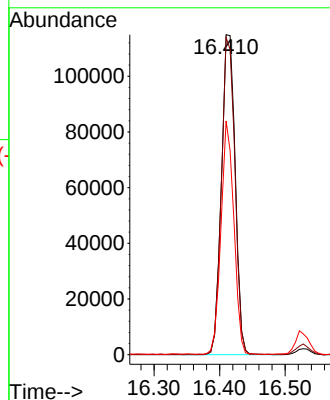
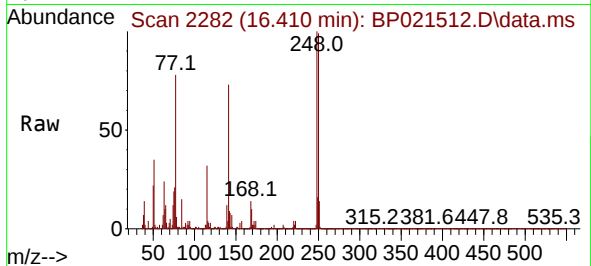




#67
4-Bromophenyl-phenylether
Concen: 7.553 ng
RT: 16.410 min Scan# 21
Delta R.T. -0.030 min
Lab File: BP021512.D
Acq: 15 Aug 2024 13:26

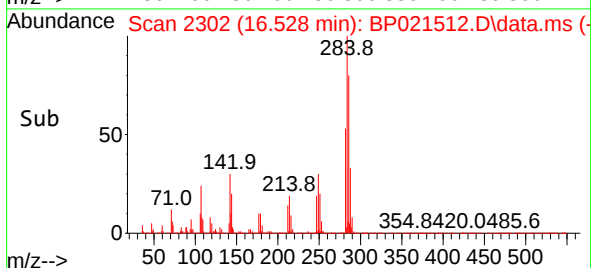
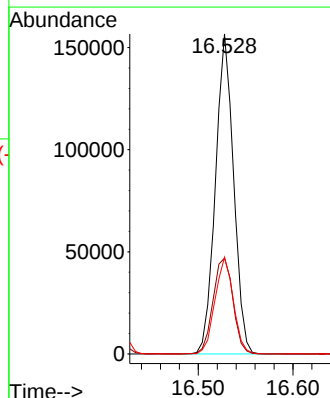
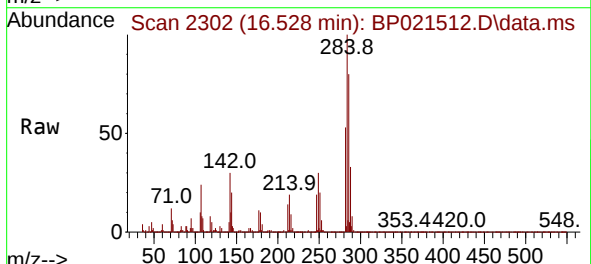
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT3-2024

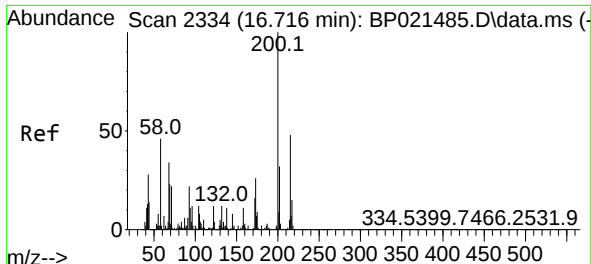
Tgt Ion:248 Resp: 166538
Ion Ratio Lower Upper
248 100
250 99.0 78.6 117.8
141 73.1 53.9 80.9



#68
Hexachlorobenzene
Concen: 8.020 ng
RT: 16.528 min Scan# 2302
Delta R.T. -0.024 min
Lab File: BP021512.D
Acq: 15 Aug 2024 13:26

Tgt Ion:284 Resp: 208959
Ion Ratio Lower Upper
284 100
142 30.0 23.4 35.2
249 30.2 24.1 36.1

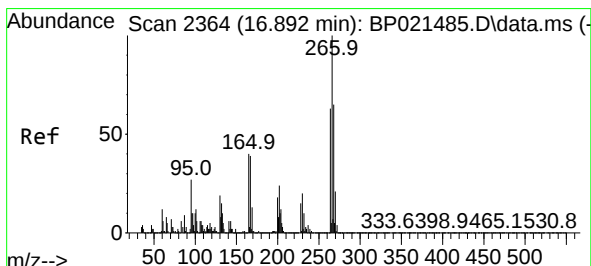
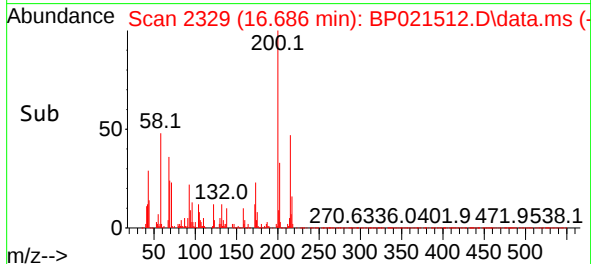
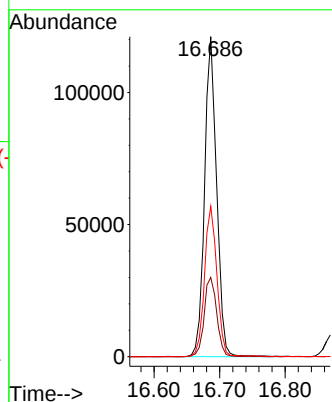
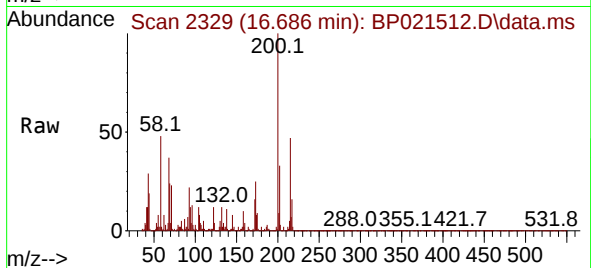




#69
Atrazine
Concen: 8.090 ng
RT: 16.686 min Scan# 21
Delta R.T. -0.030 min
Lab File: BP021512.D
Acq: 15 Aug 2024 13:26

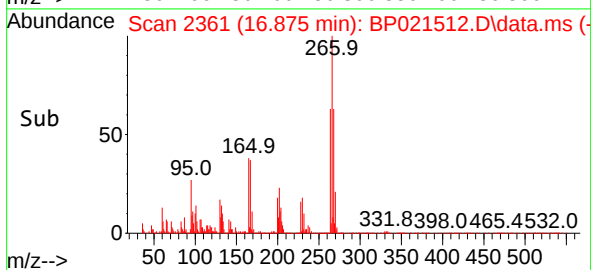
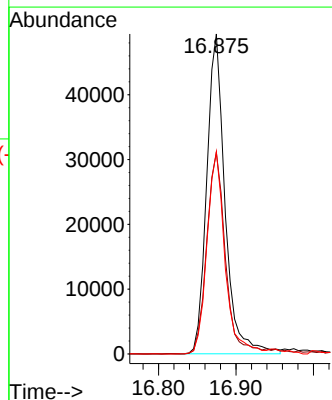
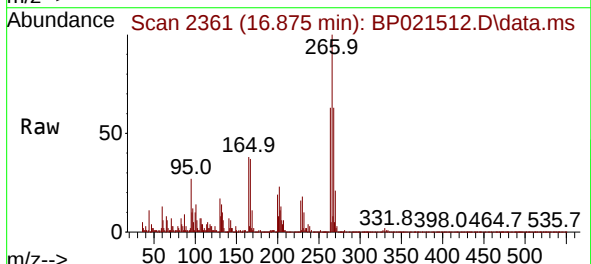
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT3-2024

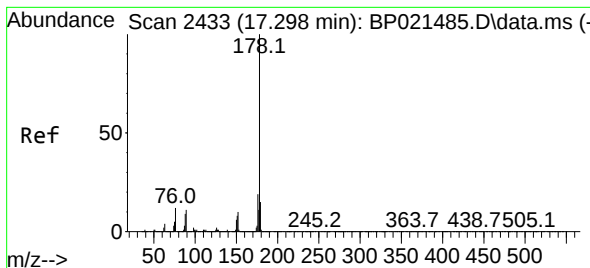
Tgt Ion:200 Resp: 155059
Ion Ratio Lower Upper
200 100
173 24.8 6.2 46.2
215 47.0 28.4 68.4



#70
Pentachlorophenol
Concen: 5.704 ng
RT: 16.875 min Scan# 2361
Delta R.T. -0.017 min
Lab File: BP021512.D
Acq: 15 Aug 2024 13:26

Tgt Ion:266 Resp: 81121
Ion Ratio Lower Upper
266 100
268 63.0 51.8 77.6
264 63.2 50.5 75.7





#71

Phenanthrene

Concen: 8.422 ng

RT: 17.275 min Scan# 2429

Delta R.T. -0.024 min

Lab File: BP021512.D

Acq: 15 Aug 2024 13:26

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT3-2024

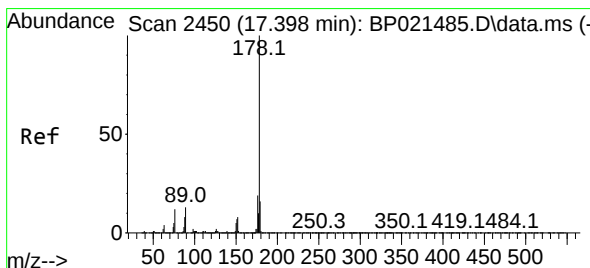
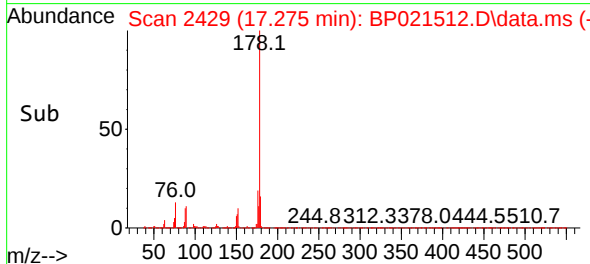
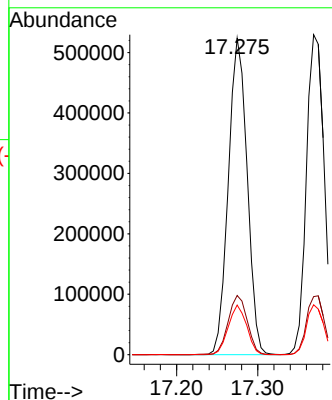
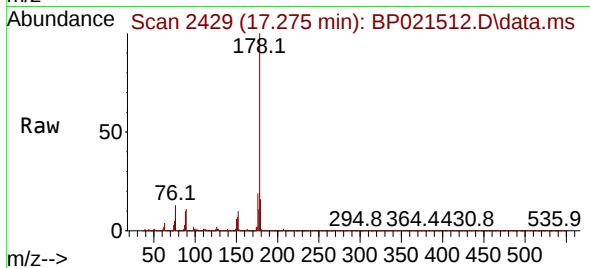
Tgt Ion:178 Resp: 843770

Ion Ratio Lower Upper

178 100

176 18.7 15.4 23.2

179 15.7 12.4 18.6



#72

Anthracene

Concen: 8.241 ng

RT: 17.369 min Scan# 2445

Delta R.T. -0.030 min

Lab File: BP021512.D

Acq: 15 Aug 2024 13:26

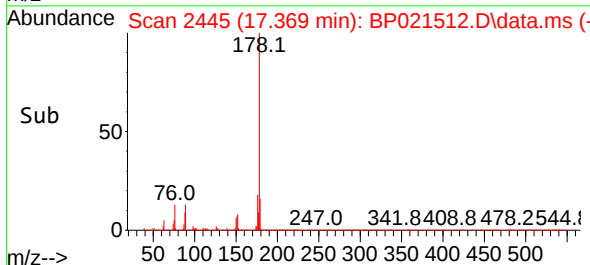
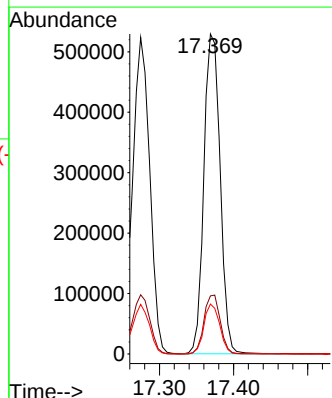
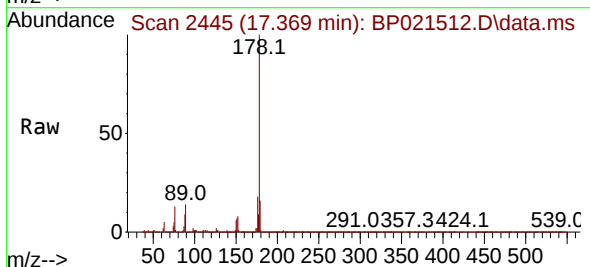
Tgt Ion:178 Resp: 809711

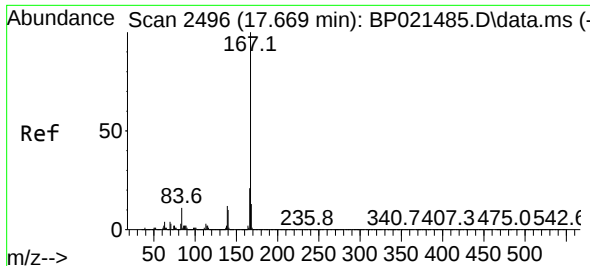
Ion Ratio Lower Upper

178 100

176 18.2 14.9 22.3

179 15.6 12.5 18.7

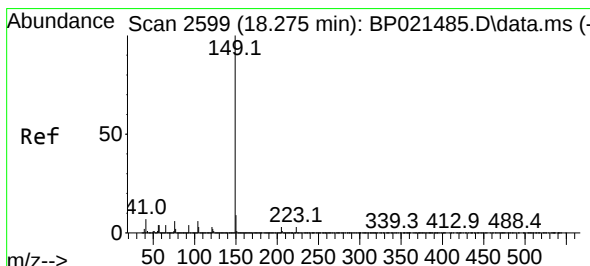
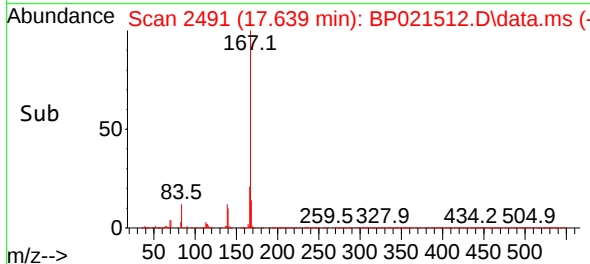
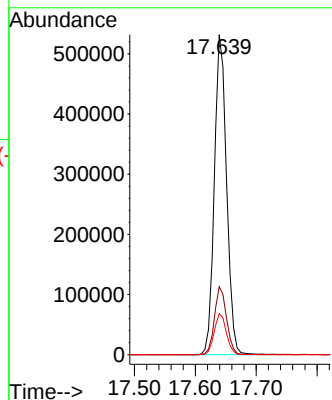
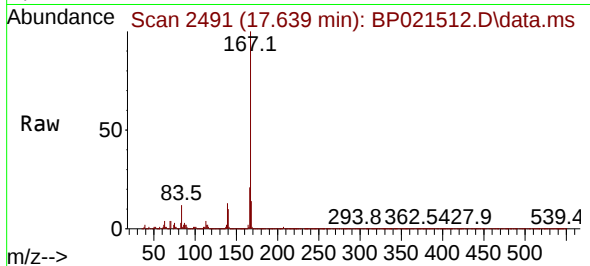




#73
Carbazole
Concen: 7.812 ng
RT: 17.639 min Scan# 2496
Delta R.T. -0.030 min
Lab File: BP021512.D
Acq: 15 Aug 2024 13:26

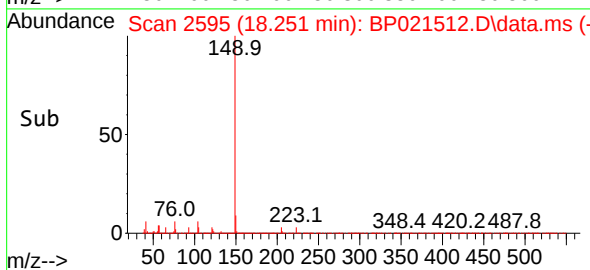
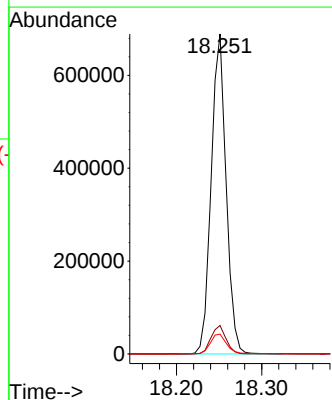
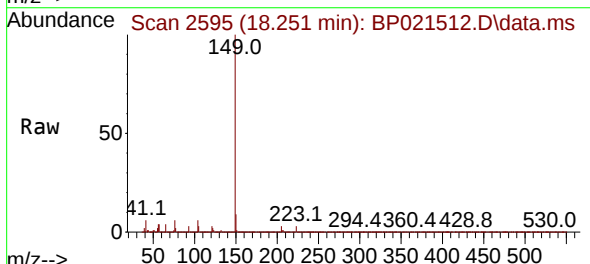
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT3-2024

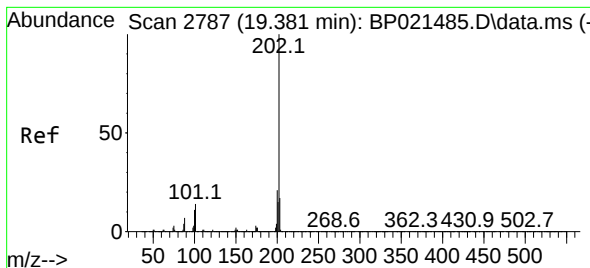
Tgt Ion:167 Resp: 739752
Ion Ratio Lower Upper
167 100
166 21.2 17.0 25.4
139 12.8 9.9 14.9



#74
Di-n-butylphthalate
Concen: 7.207 ng
RT: 18.251 min Scan# 2595
Delta R.T. -0.024 min
Lab File: BP021512.D
Acq: 15 Aug 2024 13:26

Tgt Ion:149 Resp: 838102
Ion Ratio Lower Upper
149 100
150 8.9 7.5 11.3
104 6.2 4.9 7.3





#75

Fluoranthene

Concen: 7.443 ng

RT: 19.351 min Scan# 21

Delta R.T. -0.030 min

Lab File: BP021512.D

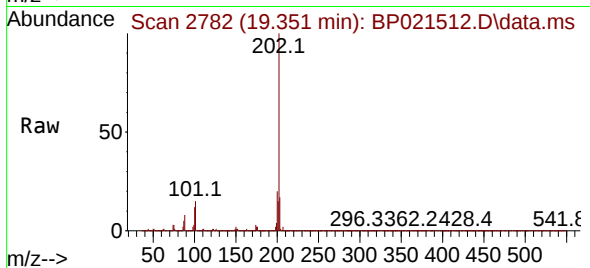
Acq: 15 Aug 2024 13:26

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT3-2024



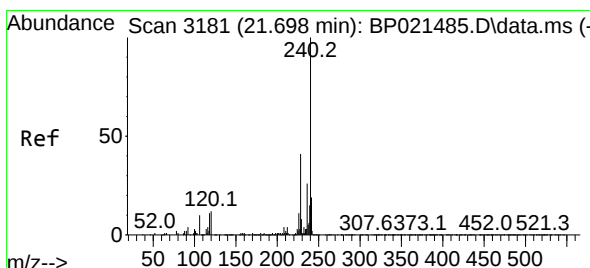
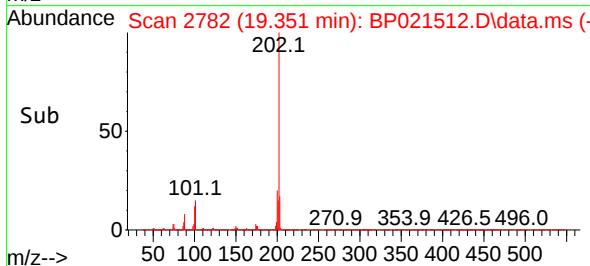
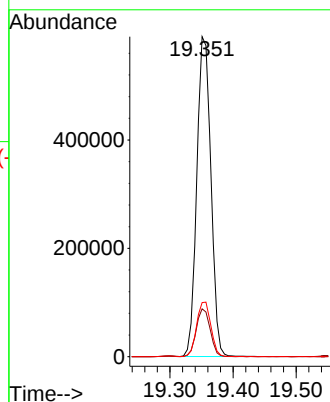
Tgt Ion:202 Resp: 915006

Ion Ratio Lower Upper

202 100

101 15.0 0.0 34.0

203 16.9 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.686 min Scan# 3179

Delta R.T. -0.012 min

Lab File: BP021512.D

Acq: 15 Aug 2024 13:26

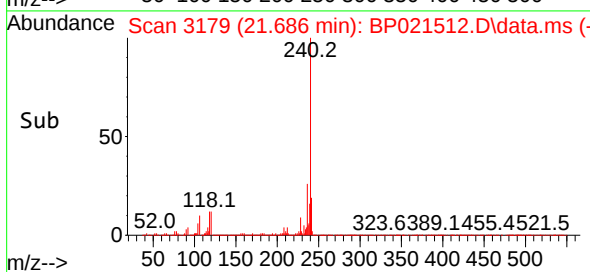
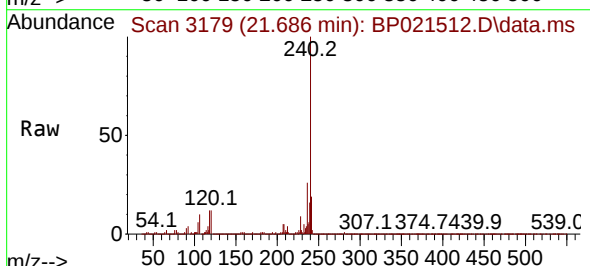
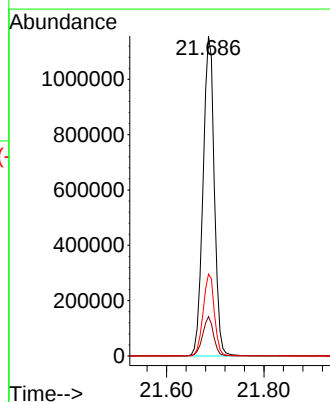
Tgt Ion:240 Resp: 1851249

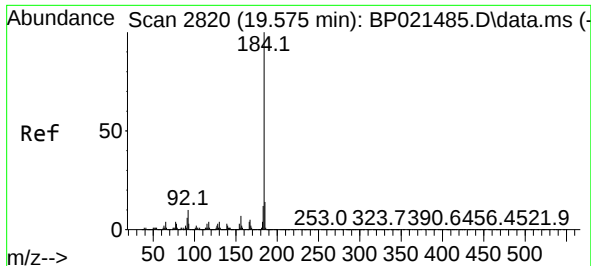
Ion Ratio Lower Upper

240 100

120 12.3 9.9 14.9

236 25.6 20.6 30.8

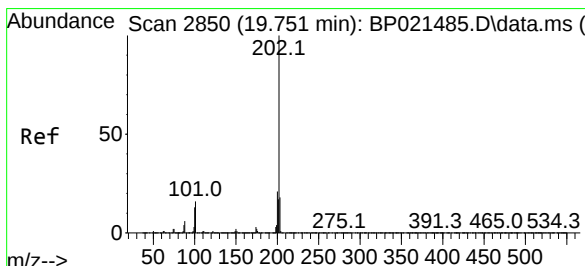
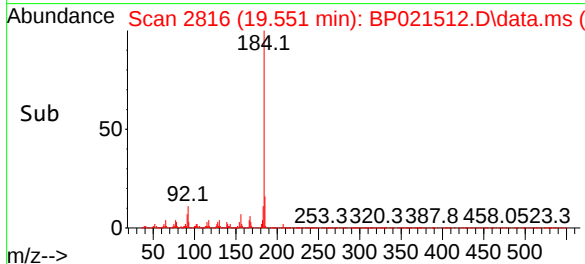
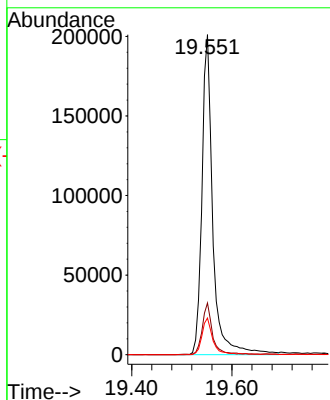
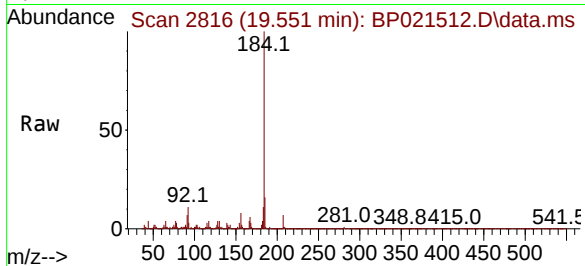




#77
Benzidine
Concen: 10.017 ng
RT: 19.551 min Scan# 2816
Delta R.T. -0.024 min
Lab File: BP021512.D
Acq: 15 Aug 2024 13:26

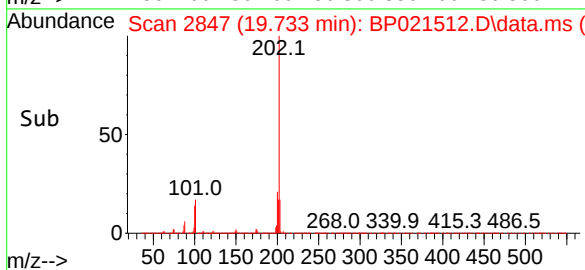
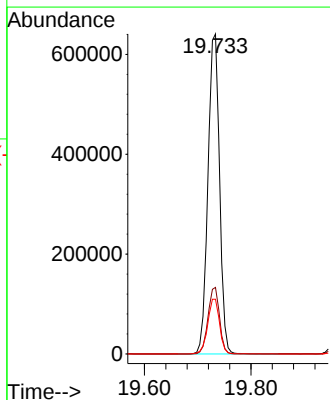
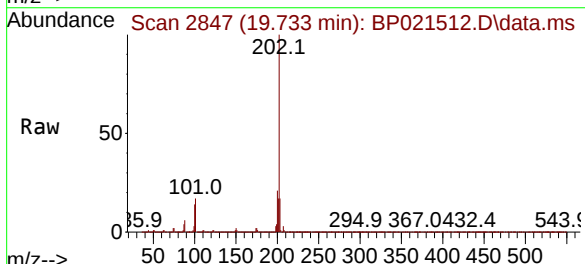
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT3-2024

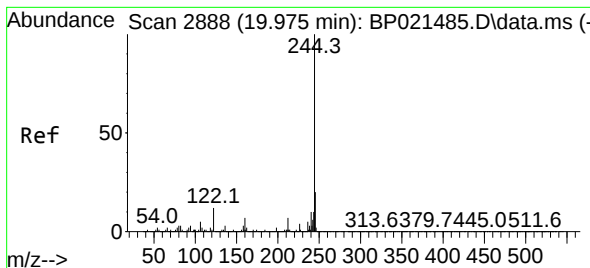
Tgt Ion:184 Resp: 302296
Ion Ratio Lower Upper
184 100
185 16.1 11.4 17.0
183 11.4 9.3 13.9



#78
Pyrene
Concen: 8.008 ng
RT: 19.733 min Scan# 2847
Delta R.T. -0.018 min
Lab File: BP021512.D
Acq: 15 Aug 2024 13:26

Tgt Ion:202 Resp: 968935
Ion Ratio Lower Upper
202 100
200 20.8 16.7 25.1
203 17.1 14.1 21.1





#79

Terphenyl-d14

Concen: 85.965 ng

RT: 19.957 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP021512.D

Acq: 15 Aug 2024 13:26

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT3-2024

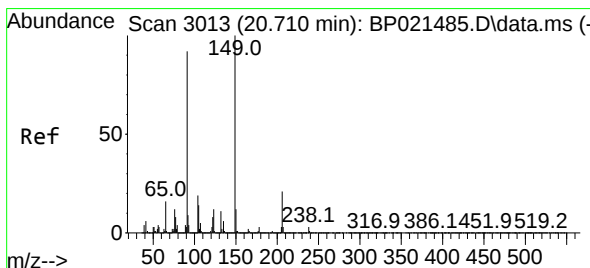
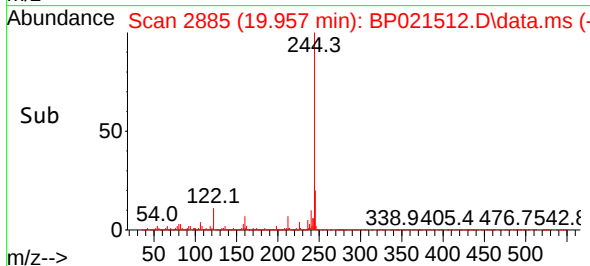
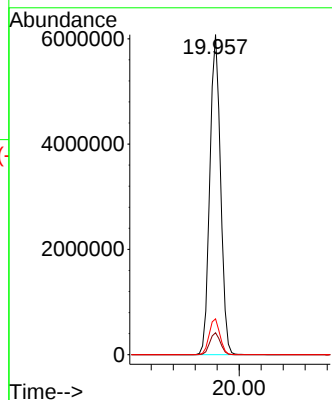
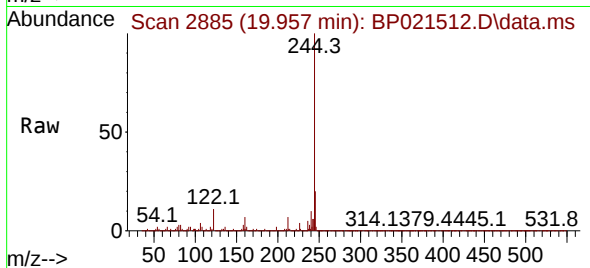
Tgt Ion:244 Resp: 8191744

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

122 11.2 9.4 14.2



#80

Butylbenzylphthalate

Concen: 8.638 ng

RT: 20.692 min Scan# 3010

Delta R.T. -0.018 min

Lab File: BP021512.D

Acq: 15 Aug 2024 13:26

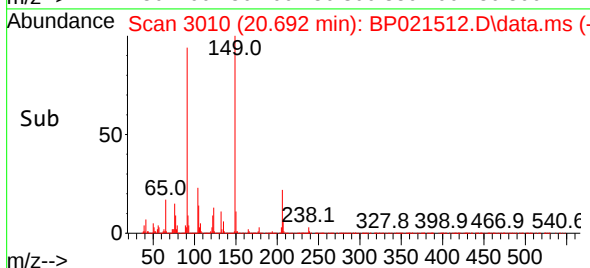
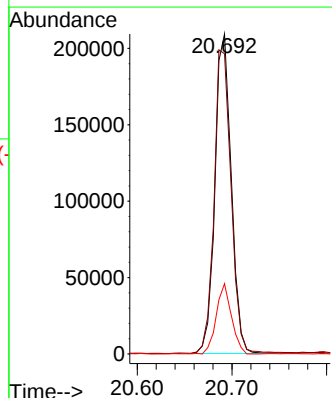
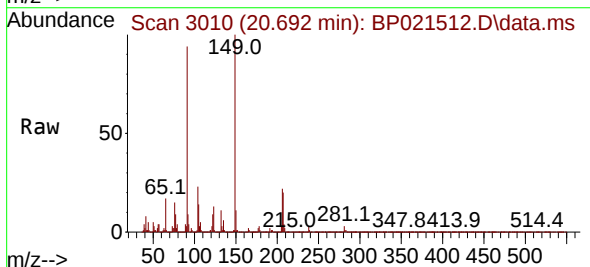
Tgt Ion:149 Resp: 250004

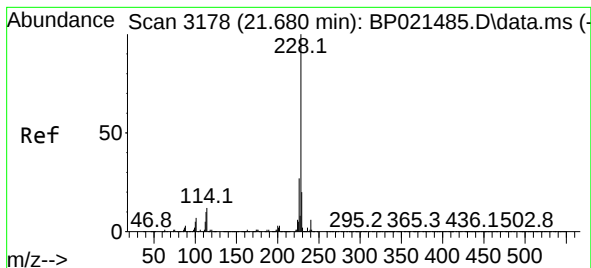
Ion Ratio Lower Upper

149 100

91 93.8 73.3 109.9

206 21.9 17.1 25.7





#81

Benzo(a)anthracene

Concen: 8.144 ng

RT: 21.663 min Scan# 3175

Delta R.T. -0.018 min

Lab File: BP021512.D

Acq: 15 Aug 2024 13:26

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT3-2024

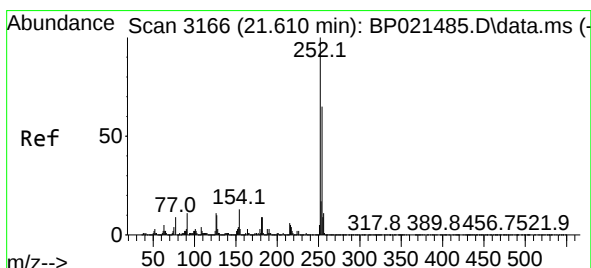
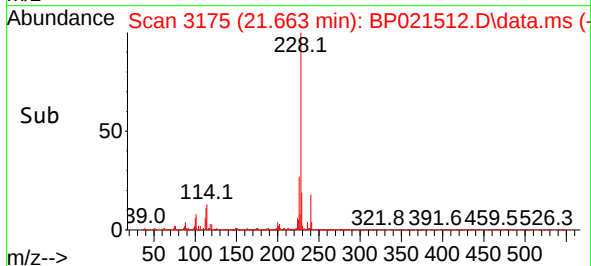
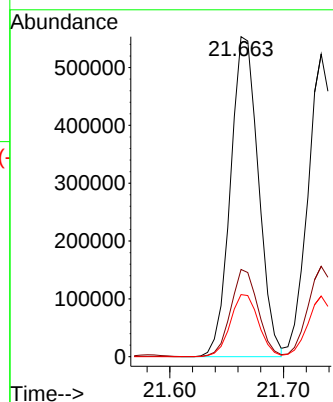
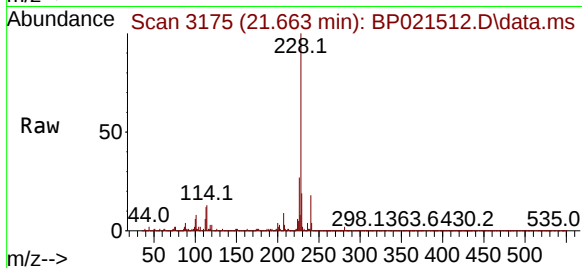
Tgt Ion:228 Resp: 946460

Ion Ratio Lower Upper

228 100

226 27.2 21.4 32.2

229 19.4 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 7.875 ng

RT: 21.580 min Scan# 3161

Delta R.T. -0.030 min

Lab File: BP021512.D

Acq: 15 Aug 2024 13:26

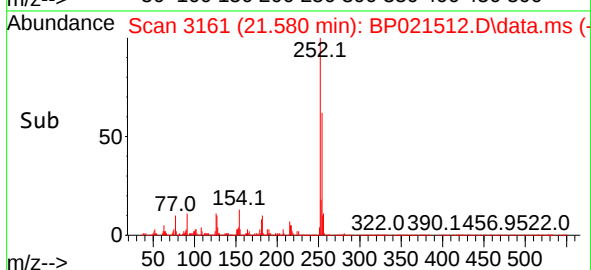
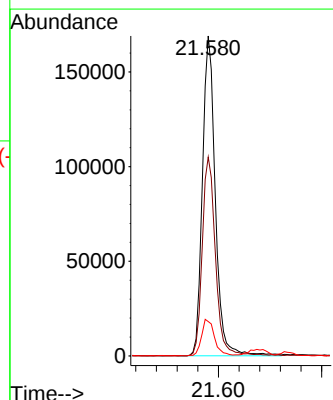
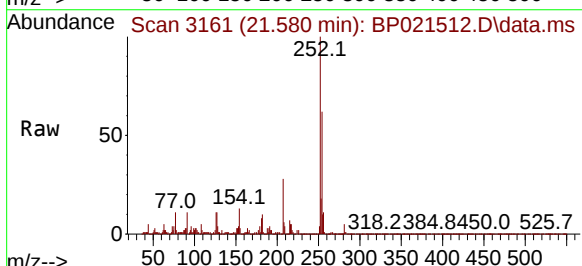
Tgt Ion:252 Resp: 293438

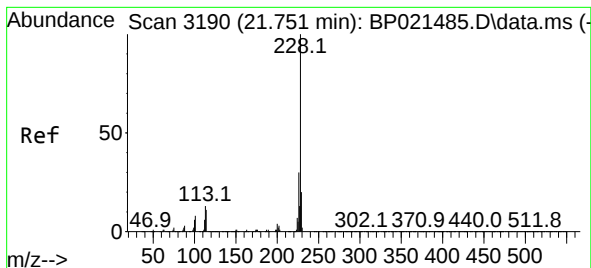
Ion Ratio Lower Upper

252 100

254 62.1 51.7 77.5

126 10.8 8.7 13.1





#83

Chrysene

Concen: 7.997 ng

RT: 21.733 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP021512.D

Acq: 15 Aug 2024 13:26

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT3-2024

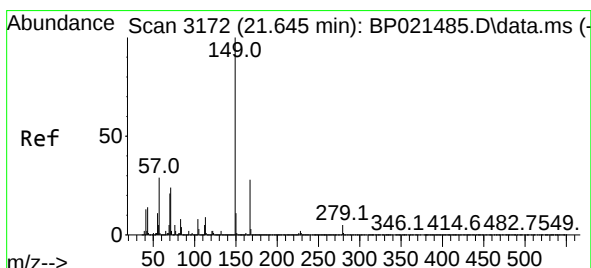
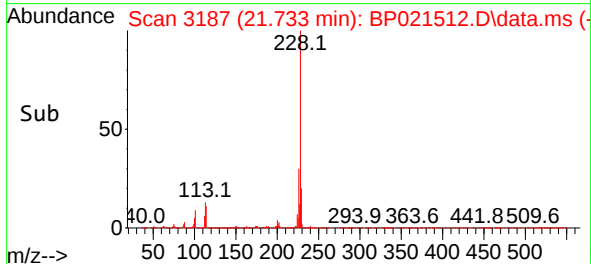
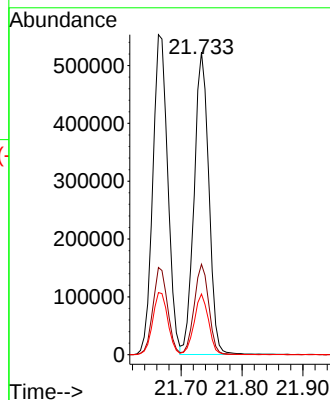
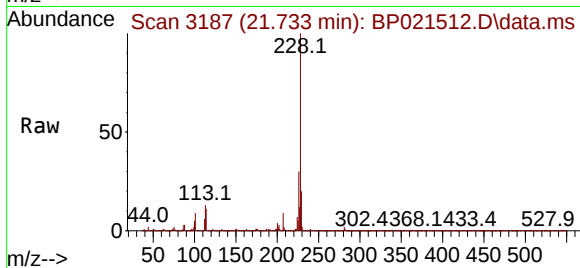
Tgt Ion:228 Resp: 877428

Ion Ratio Lower Upper

228 100

226 29.9 23.9 35.9

229 20.0 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 7.004 ng

RT: 21.627 min Scan# 3169

Delta R.T. -0.018 min

Lab File: BP021512.D

Acq: 15 Aug 2024 13:26

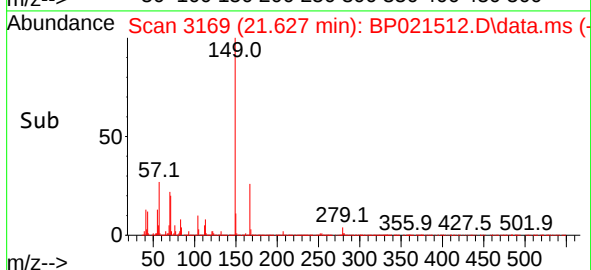
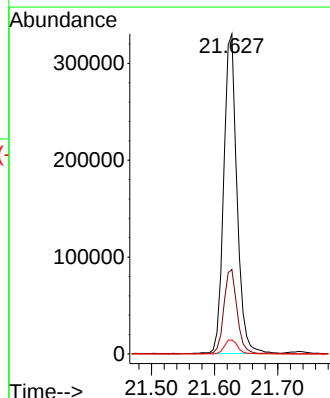
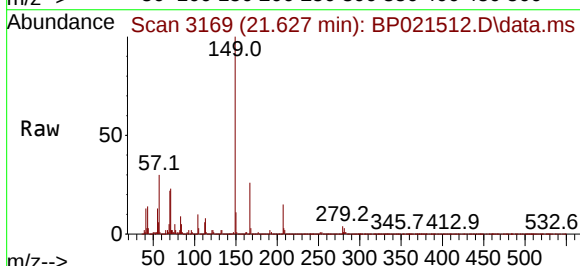
Tgt Ion:149 Resp: 481055

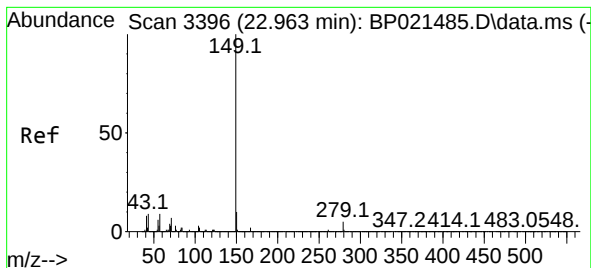
Ion Ratio Lower Upper

149 100

167 26.4 22.3 33.5

279 4.4 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 9.382 ng

RT: 22.933 min Scan# 31

Delta R.T. -0.030 min

Lab File: BP021512.D

Acq: 15 Aug 2024 13:26

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT3-2024

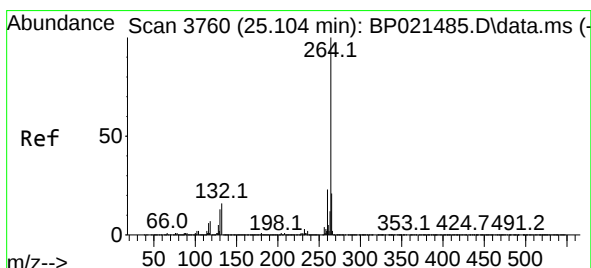
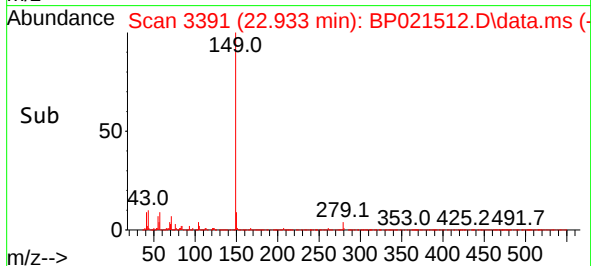
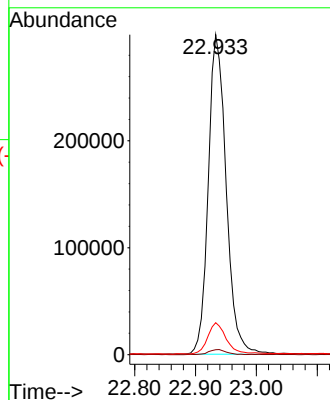
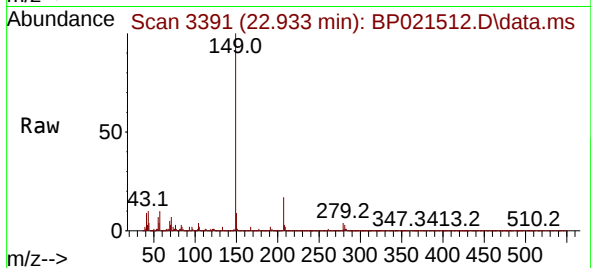
Tgt Ion:149 Resp: 609880

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 10.2 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: BP021512.D

Acq: 15 Aug 2024 13:26

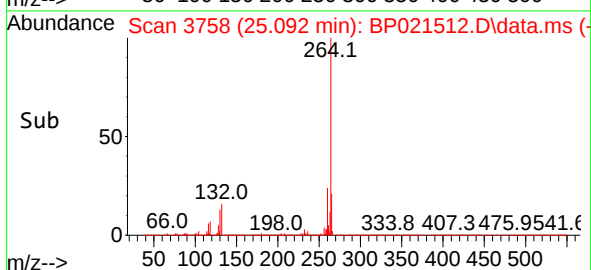
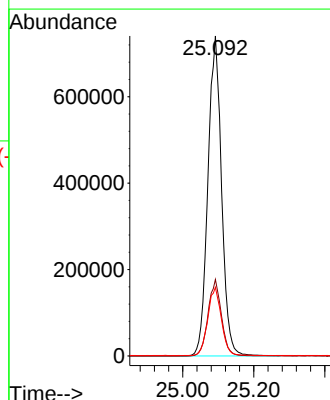
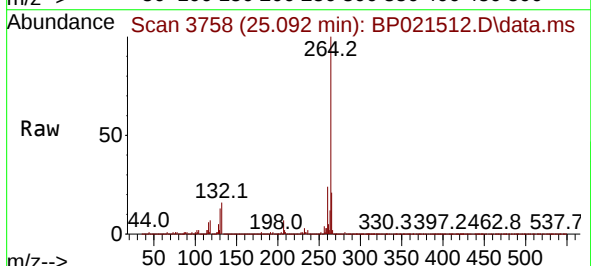
Tgt Ion:264 Resp: 1982328

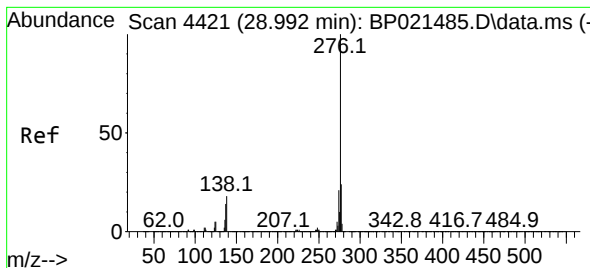
Ion Ratio Lower Upper

264 100

260 23.9 18.6 28.0

265 21.5 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 7.714 ng

RT: 28.945 min Scan# 4421

Delta R.T. -0.047 min

Lab File: BP021512.D

Acq: 15 Aug 2024 13:26

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT3-2024

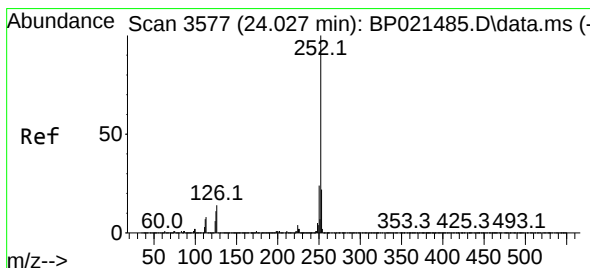
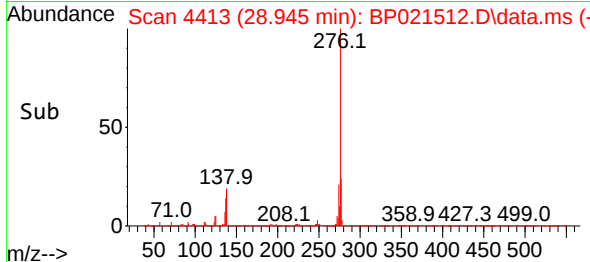
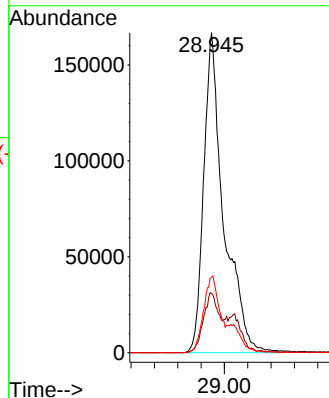
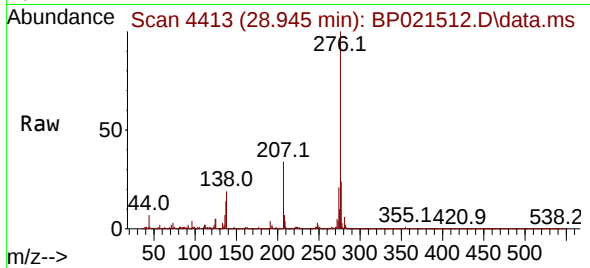
Tgt Ion:276 Resp: 991178

Ion Ratio Lower Upper

276 100

138 14.4 12.8 19.2

277 19.9 16.5 24.7



#88

Benzo(b)fluoranthene

Concen: 7.673 ng

RT: 24.010 min Scan# 3574

Delta R.T. -0.018 min

Lab File: BP021512.D

Acq: 15 Aug 2024 13:26

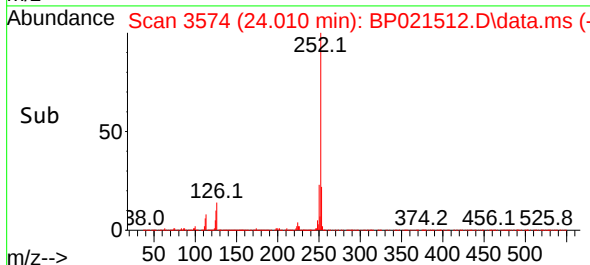
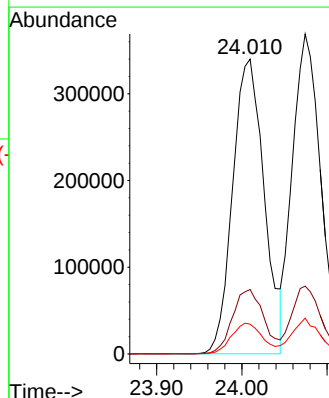
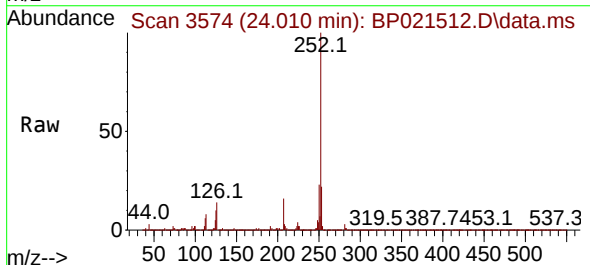
Tgt Ion:252 Resp: 873528

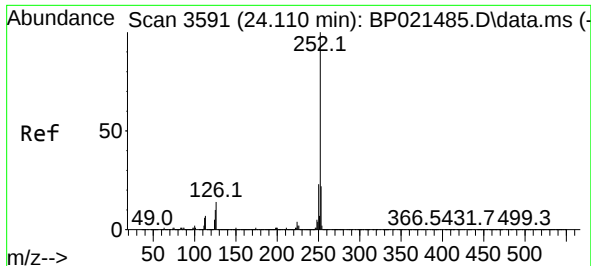
Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 10.1 8.6 13.0

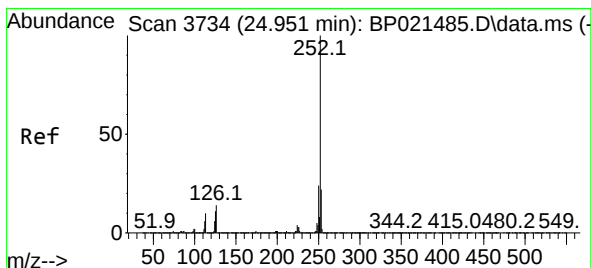
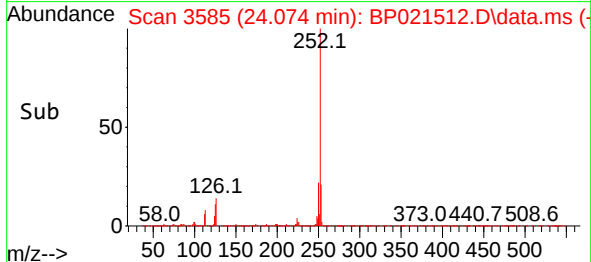
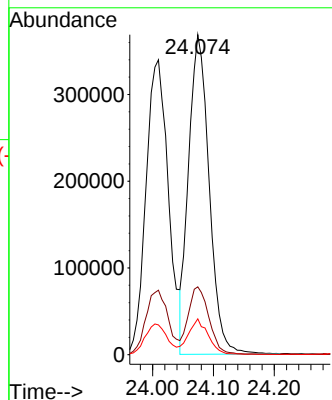
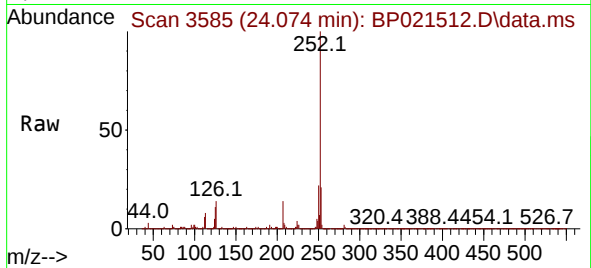




#89
Benzo(k)fluoranthene
Concen: 7.780 ng
RT: 24.074 min Scan# 31
Delta R.T. -0.035 min
Lab File: BP021512.D
Acq: 15 Aug 2024 13:26

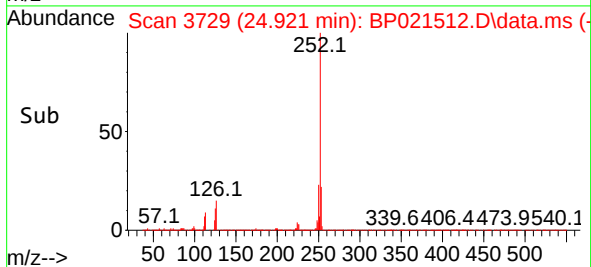
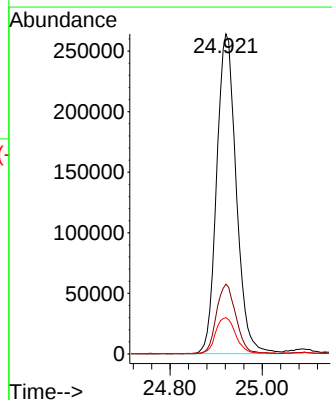
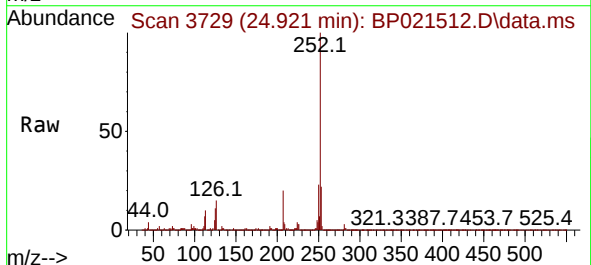
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT3-2024

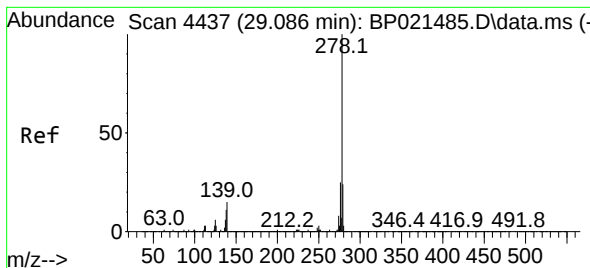
Tgt Ion:252 Resp: 864086
Ion Ratio Lower Upper
252 100
253 21.2 17.5 26.3
125 11.2 7.8 11.8



#90
Benzo(a)pyrene
Concen: 7.849 ng
RT: 24.921 min Scan# 3729
Delta R.T. -0.030 min
Lab File: BP021512.D
Acq: 15 Aug 2024 13:26

Tgt Ion:252 Resp: 775469
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 11.4 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 7.730 ng

RT: 29.045 min Scan# 41

Delta R.T. -0.041 min

Lab File: BP021512.D

Acq: 15 Aug 2024 13:26

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT3-2024

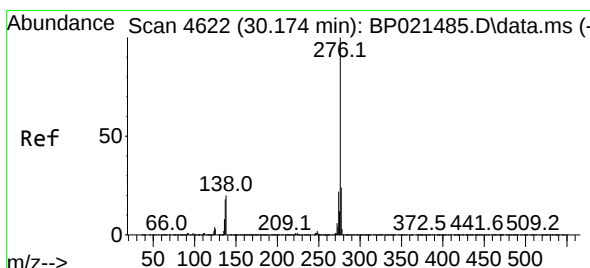
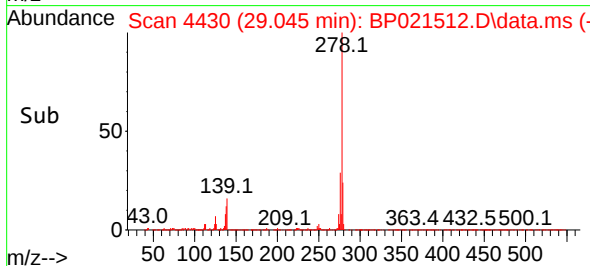
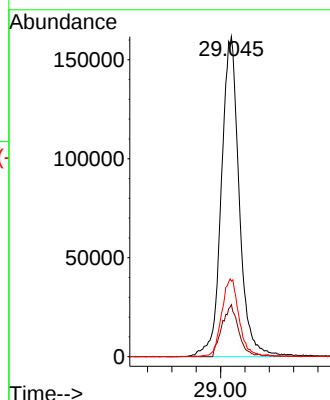
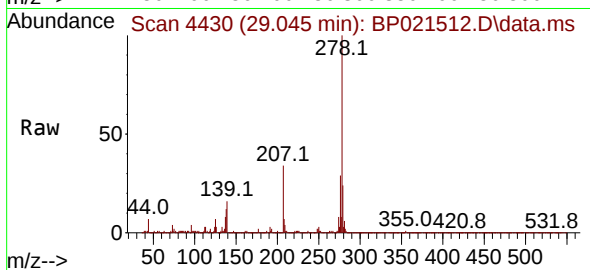
Tgt Ion:278 Resp: 825269

Ion Ratio Lower Upper

278 100

139 16.3 12.2 18.4

279 23.6 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 7.420 ng

RT: 30.109 min Scan# 4611

Delta R.T. -0.065 min

Lab File: BP021512.D

Acq: 15 Aug 2024 13:26

Tgt Ion:276 Resp: 794000

Ion Ratio Lower Upper

276 100

277 24.0 19.0 28.6

138 19.9 16.0 24.0

