

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121422\
 Data File : BP013109.D
 Acq On : 14 Dec 2022 17:11
 Operator : CG/JU
 Sample : N4955-09
 Misc : MDL-MDL-WATER-4ng
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-03-QT4-2022

Quant Time: Dec 15 04:06:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 15 04:03:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	460001	20.000	ng	0.00
21) Naphthalene-d8	10.775	136	1635461	20.000	ng	0.00
39) Acenaphthene-d10	14.598	164	940804	20.000	ng	0.00
64) Phenanthrene-d10	17.357	188	2019564	20.000	ng	0.00
76) Chrysene-d12	21.445	240	2013504	20.000	ng	0.00
86) Perylene-d12	23.927	264	2257399	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.511	112	2392486	95.030	ng	0.00
7) Phenol-d6	7.116	99	2980991	90.667	ng	0.00
23) Nitrobenzene-d5	9.128	82	1997427	66.956	ng	0.00
42) 2,4,6-Tribromophenol	16.092	330	1106183	97.520	ng	0.00
45) 2-Fluorobiphenyl	13.222	172	4705274	67.907	ng	0.00
79) Terphenyl-d14	19.904	244	6894223	67.551	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.375	88	39758	3.564	ng	96
3) Pyridine	3.805	79	91120	2.876	ng	# 91
4) n-Nitrosodimethylamine	3.699	42	46880	3.302	ng	# 89
6) Aniline	7.281	93	139384	3.501	ng	99
8) 2-Chlorophenol	7.516	128	94971	3.200	ng	92
9) Benzaldehyde	7.099	77	83425	4.229	ng	97
10) Phenol	7.140	94	119116	3.237	ng	90
11) bis(2-Chloroethyl)ether	7.381	93	96334	3.251	ng	98
12) 1,3-Dichlorobenzene	7.846	146	115755	3.352	ng	99
13) 1,4-Dichlorobenzene	7.993	146	118349	3.365	ng	99
14) 1,2-Dichlorobenzene	8.316	146	111145	3.330	ng	97
15) Benzyl Alcohol	8.205	79	69511	2.914	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.487	45	140415	3.272	ng	99
17) 2-Methylphenol	8.405	107	67047	2.756	ng	98
18) Hexachloroethane	9.046	117	37812	3.175	ng	96
19) n-Nitroso-di-n-propyla...	8.769	70	60058	2.813	ng	99
20) 3+4-Methylphenols	8.728	107	87847	2.656	ng	96
22) Acetophenone	8.787	105	134182	3.297	ng	# 97
24) Nitrobenzene	9.169	77	107722	3.465	ng	96
25) Isophorone	9.699	82	149306	2.947	ng	99
26) 2-Nitrophenol	9.881	139	33637	2.363	ng	95
27) 2,4-Dimethylphenol	9.940	122	67560	3.151	ng	96
28) bis(2-Chloroethoxy)met...	10.181	93	110734	3.408	ng	98
29) 2,4-Dichlorophenol	10.416	162	70059	2.648	ng	98
30) 1,2,4-Trichlorobenzene	10.634	180	99139	3.175	ng	100
31) Naphthalene	10.822	128	293756	3.280	ng	99
32) Benzoic acid	9.993	122	22947	1.357	ng	89
33) 4-Chloroaniline	10.940	127	95933	2.872	ng	97
34) Hexachlorobutadiene	11.104	225	65288	3.277	ng	96
35) Caprolactam	11.716	113	15833	2.318	ng	# 87
36) 4-Chloro-3-methylphenol	12.051	107	63157	2.556	ng	99
37) 2-Methylnaphthalene	12.428	142	185084	3.073	ng	98
38) 1-Methylnaphthalene	12.646	142	178346	3.041	ng	99
40) 1,2,4,5-Tetrachloroben...	12.793	216	111661	3.327	ng	98
41) Hexachlorocyclopentadiene	12.775	237	47833	2.826	ng	98
43) 2,4,6-Trichlorophenol	13.034	196	53247	2.516	ng	99

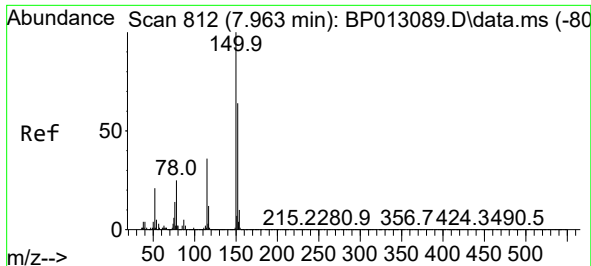
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121422\
 Data File : BP013109.D
 Acq On : 14 Dec 2022 17:11
 Operator : CG/JU
 Sample : N4955-09
 Misc : MDL-MDL-WATER-4ng
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-03-QT4-2022

Quant Time: Dec 15 04:06:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 15 04:03:43 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.104	196	60529	2.647	ng	96
46) 1,1'-Biphenyl	13.434	154	254920	3.427	ng	99
47) 2-Chloronaphthalene	13.481	162	193050	3.265	ng	98
48) 2-Nitroaniline	13.687	65	30773	2.104	ng	88
49) Acenaphthylene	14.322	152	246840	2.838	ng	99
50) Dimethylphthalate	14.051	163	215558	3.132	ng	100
51) 2,6-Dinitrotoluene	14.175	165	32698	2.322	ng	# 85
52) Acenaphthene	14.663	154	172464	3.190	ng	99
53) 3-Nitroaniline	14.504	138	30436	2.120	ng	# 99
54) 2,4-Dinitrophenol	14.716	184	12509	1.491	ng	99
55) Dibenzofuran	14.998	168	292796	3.384	ng	99
56) 4-Nitrophenol	14.810	139	22210	1.887	ng	92
57) 2,4-Dinitrotoluene	14.963	165	37552	2.133	ng	# 85
58) Fluorene	15.651	166	218760	3.267	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.145	232	50203	2.568	ng	93
60) Diethylphthalate	15.416	149	193418	3.057	ng	100
61) 4-Chlorophenyl-phenyle...	15.645	204	115210	3.324	ng	97
62) 4-Nitroaniline	15.669	138	23563	1.758	ng	89
63) Azobenzene	15.934	77	160383	2.728	ng	97
65) 4,6-Dinitro-2-methylph...	15.728	198	18324	1.412	ng	79
66) n-Nitrosodiphenylamine	15.857	169	173412	2.750	ng	99
67) 4-Bromophenyl-phenylether	16.539	248	66354	2.779	ng	97
68) Hexachlorobenzene	16.657	284	82878	2.964	ng	98
69) Atrazine	16.810	200	53087	3.001	ng	98
70) Pentachlorophenol	17.004	266	33090	2.010	ng	94
71) Phenanthrene	17.398	178	364105	3.168	ng	100
72) Anthracene	17.492	178	311284	2.885	ng	99
73) Carbazole	17.763	167	270362	2.859	ng	99
74) Di-n-butylphthalate	18.304	149	251835	2.421	ng	99
75) Fluoranthene	19.363	202	377210	3.050	ng	100
77) Benzidine	19.539	184	95622	3.343	ng	97
78) Pyrene	19.716	202	402198	2.780	ng	99
80) Butylbenzylphthalate	20.580	149	100599	2.145	ng	95
81) Benzo(a)anthracene	21.427	228	424632	3.085	ng	98
82) 3,3'-Dichlorobenzidine	21.357	252	120388	2.938	ng	98
83) Chrysene	21.480	228	425705	3.171	ng	99
84) Bis(2-ethylhexyl)phtha...	21.339	149	142165	2.228	ng	99
85) Di-n-octyl phthalate	22.292	149	222856	2.080	ng	# 95
87) Indeno(1,2,3-cd)pyrene	26.521	276	486578	2.638	ng	99
88) Benzo(b)fluoranthene	23.163	252	422757	2.909	ng	98
89) Benzo(k)fluoranthene	23.216	252	437191	2.973	ng	98
90) Benzo(a)pyrene	23.816	252	358135	2.936	ng	99
91) Dibenzo(a,h)anthracene	26.539	278	424844	2.771	ng	100
92) Benzo(g,h,i)perylene	27.321	276	422491	2.782	ng	97

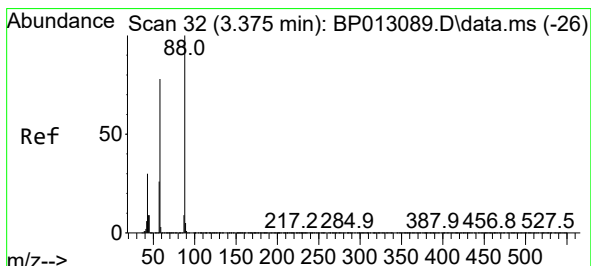
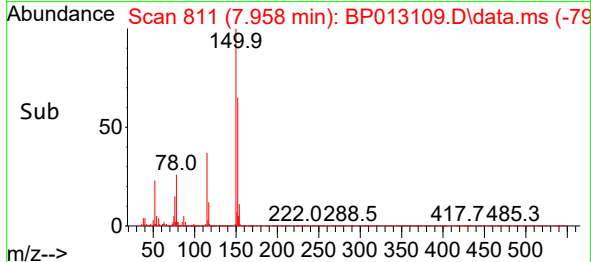
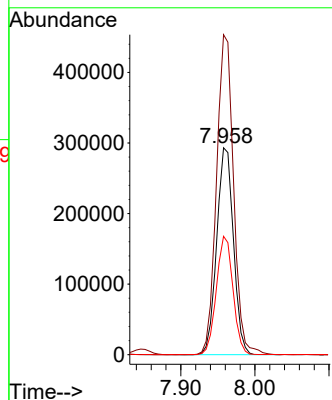
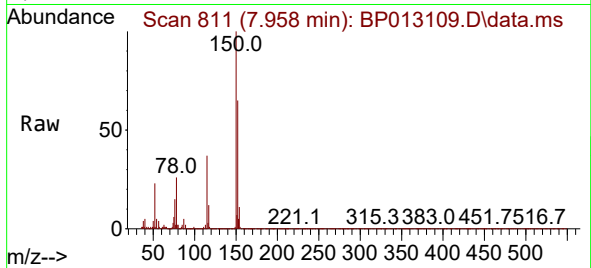
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.958 min Scan# 81
 Delta R.T. -0.005 min
 Lab File: BP013109.D
 Acq: 14 Dec 2022 17:11

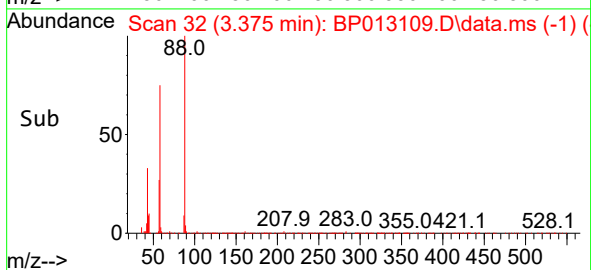
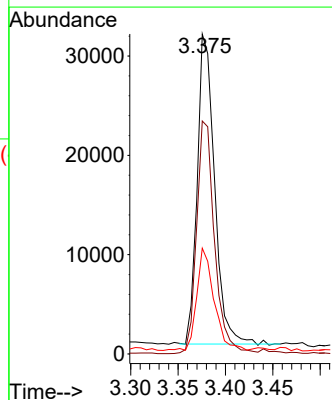
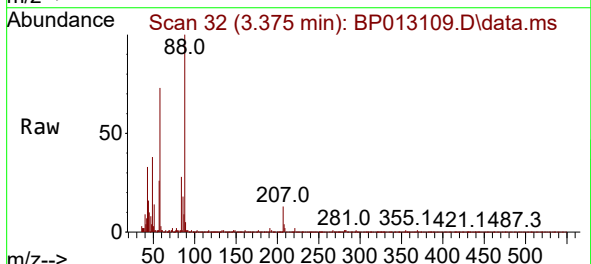
Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-03-QT4-2022

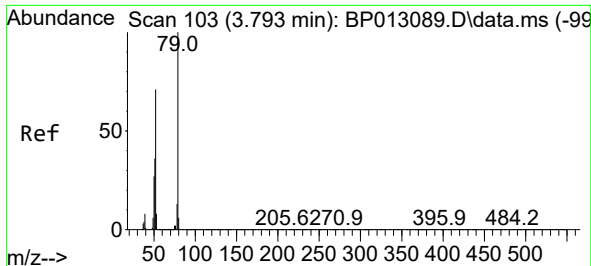
Tgt Ion:152 Resp: 460001
 Ion Ratio Lower Upper
 152 100
 150 154.7 125.3 187.9
 115 57.2 45.6 68.4



#2
 1,4-Dioxane
 Concen: 3.564 ng
 RT: 3.375 min Scan# 32
 Delta R.T. 0.000 min
 Lab File: BP013109.D
 Acq: 14 Dec 2022 17:11

Tgt Ion: 88 Resp: 39758
 Ion Ratio Lower Upper
 88 100
 58 77.6 60.1 90.1
 43 33.0 23.5 35.3

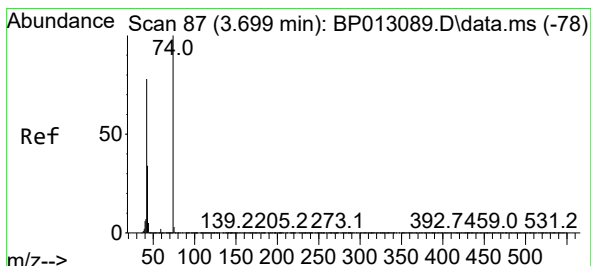
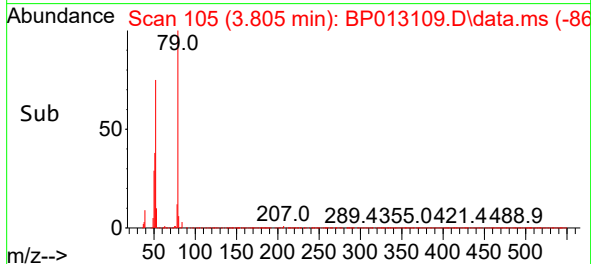
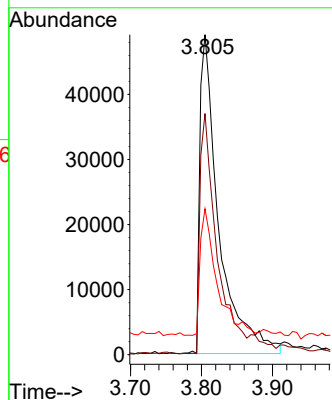
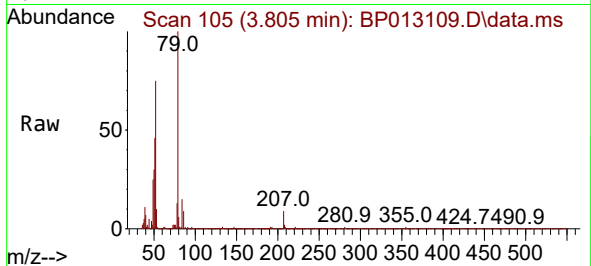




#3
Pyridine
Concen: 2.876 ng
RT: 3.805 min Scan# 103
Delta R.T. 0.012 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

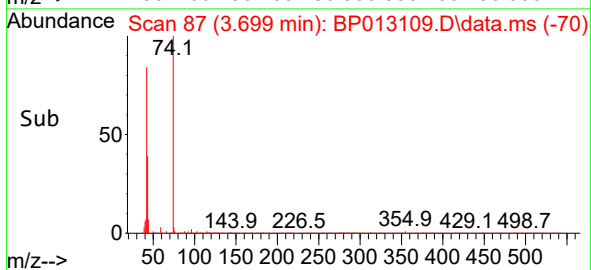
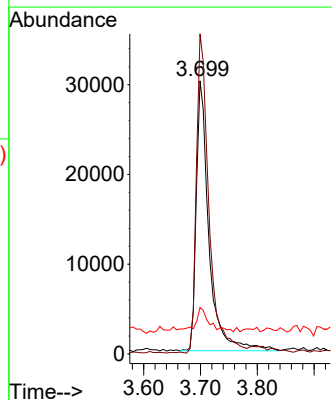
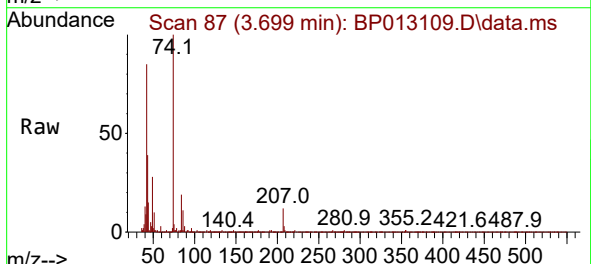
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2022

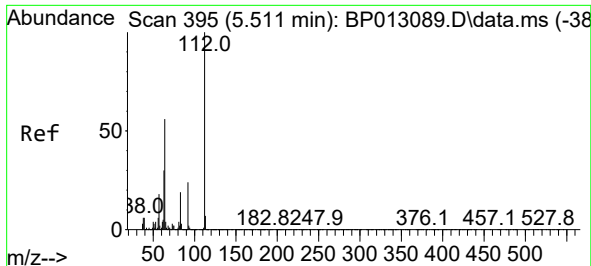
Tgt Ion: 79 Resp: 91120
Ion Ratio Lower Upper
79 100
52 75.3 57.0 85.4
51 45.6 29.1 43.7#



#4
n-Nitrosodimethylamine
Concen: 3.302 ng
RT: 3.699 min Scan# 87
Delta R.T. 0.000 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

Tgt Ion: 42 Resp: 46880
Ion Ratio Lower Upper
42 100
74 117.1 102.7 154.1
44 17.0 5.6 8.4#

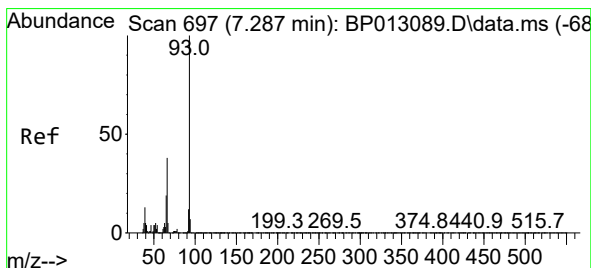
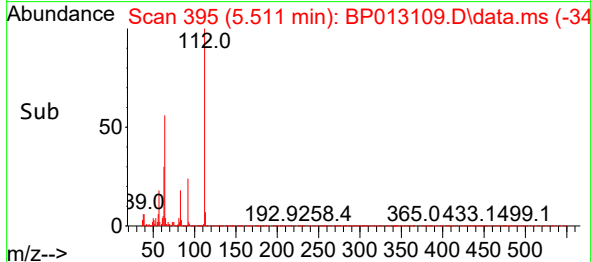
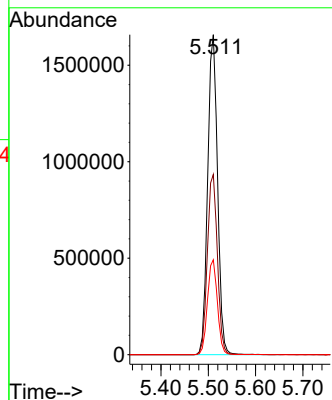
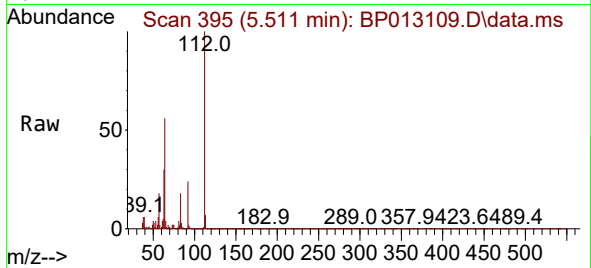




#5
2-Fluorophenol
Concen: 95.030 ng
RT: 5.511 min Scan# 395
Delta R.T. 0.000 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

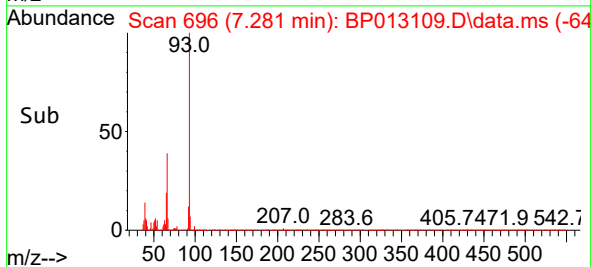
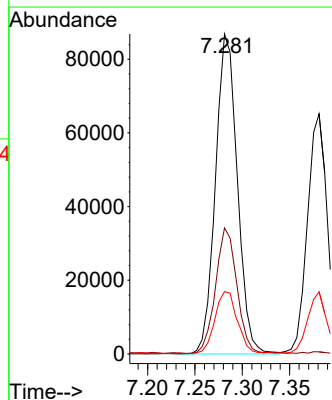
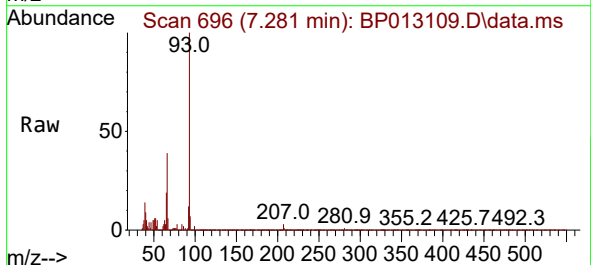
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2022

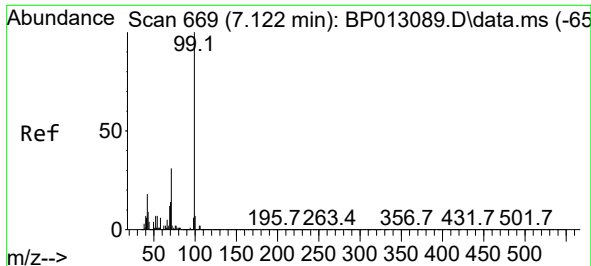
Tgt Ion:112 Resp: 2392486
Ion Ratio Lower Upper
112 100
64 56.3 45.1 67.7
63 29.7 23.8 35.6



#6
Aniline
Concen: 3.501 ng
RT: 7.281 min Scan# 696
Delta R.T. -0.006 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

Tgt Ion: 93 Resp: 139384
Ion Ratio Lower Upper
93 100
66 39.4 30.6 45.8
65 19.5 15.5 23.3

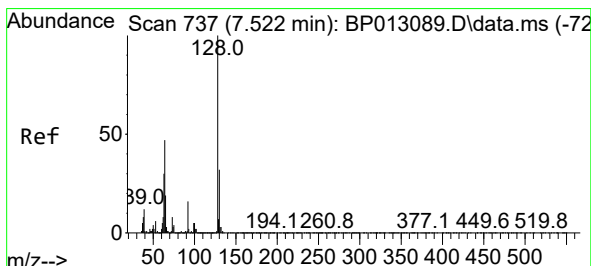
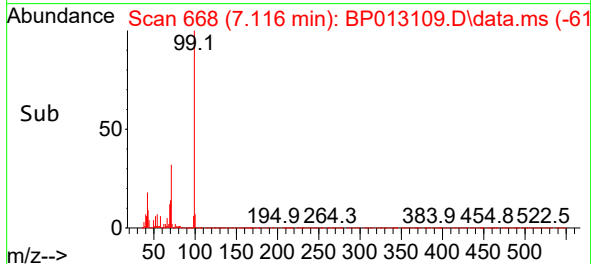
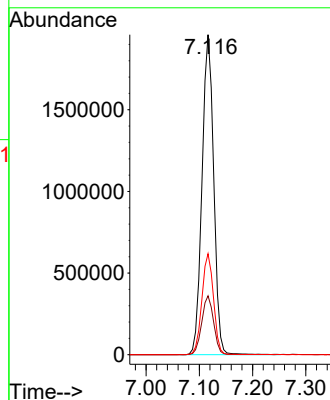
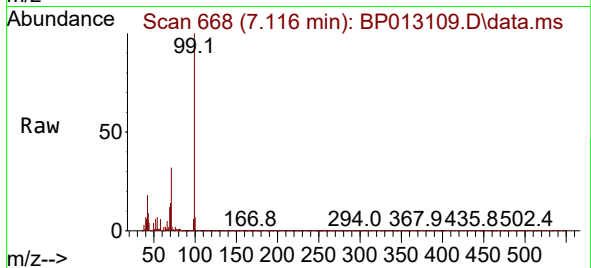




#7
Phenol-d6
Concen: 90.667 ng
RT: 7.116 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

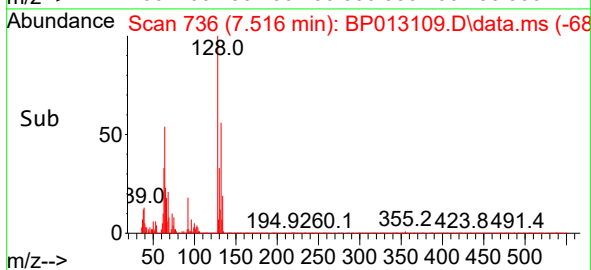
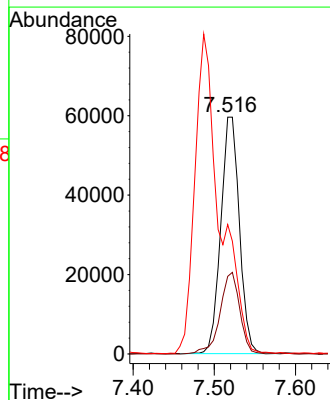
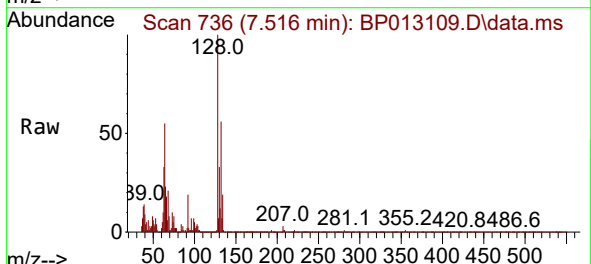
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2022

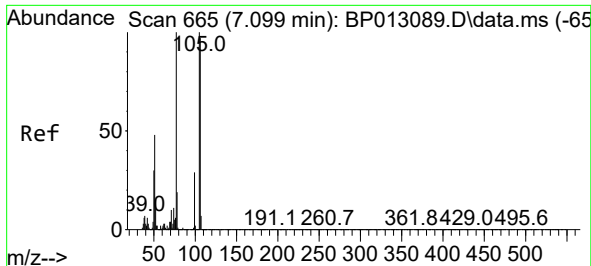
Tgt Ion: 99 Resp: 2980991
Ion Ratio Lower Upper
99 100
42 18.4 14.2 21.4
71 31.6 24.7 37.1



#8
2-Chlorophenol
Concen: 3.200 ng
RT: 7.516 min Scan# 736
Delta R.T. -0.006 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

Tgt Ion:128 Resp: 94971
Ion Ratio Lower Upper
128 100
130 32.8 11.9 51.9
64 54.6 26.7 66.7

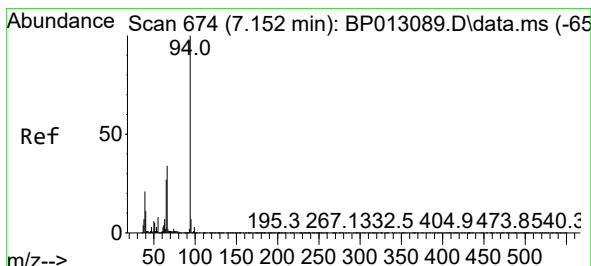
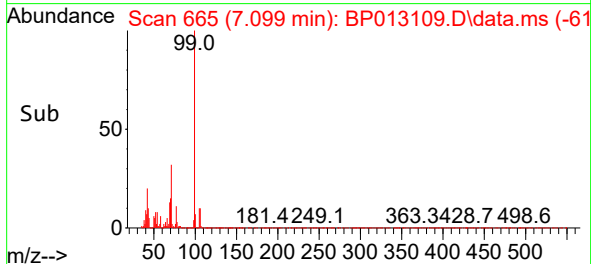
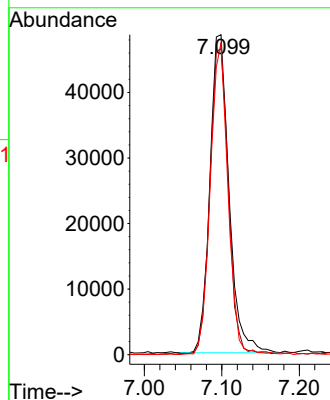
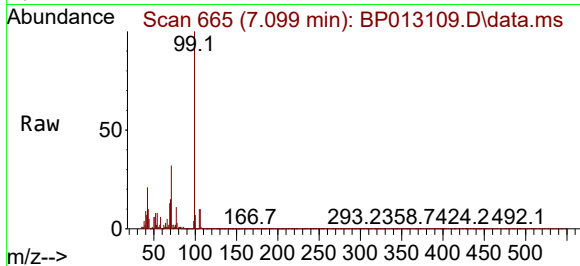




#9
Benzaldehyde
Concen: 4.229 ng
RT: 7.099 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

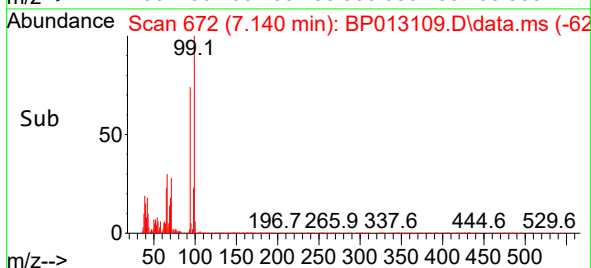
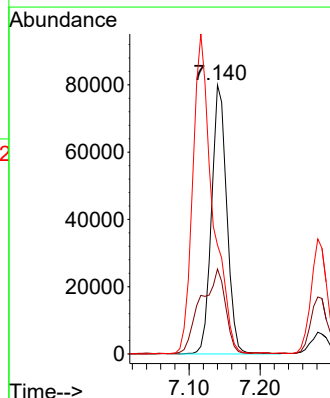
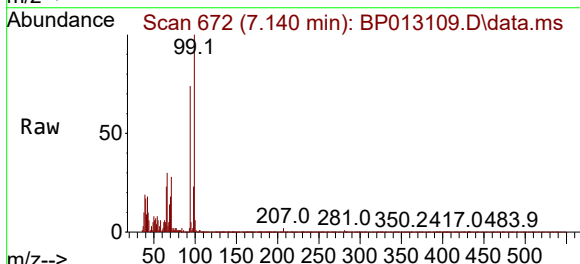
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2022

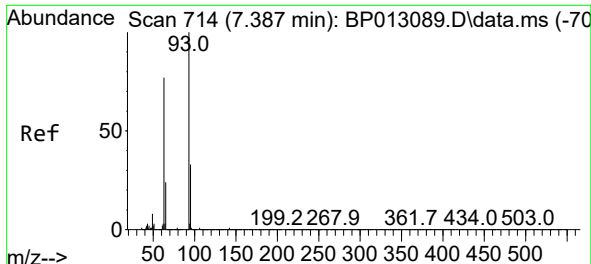
Tgt Ion: 77 Resp: 83425
Ion Ratio Lower Upper
77 100
105 95.6 80.1 120.1
106 97.4 76.6 116.6



#10
Phenol
Concen: 3.237 ng
RT: 7.140 min Scan# 672
Delta R.T. -0.012 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

Tgt Ion: 94 Resp: 119116
Ion Ratio Lower Upper
94 100
65 31.6 7.2 47.2
66 40.5 13.7 53.7

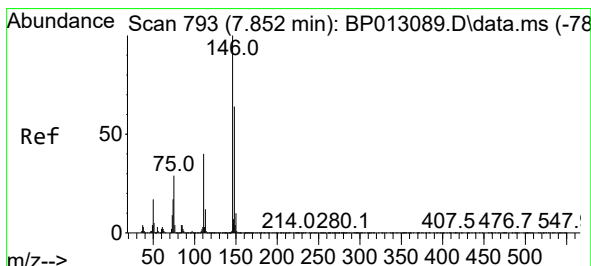
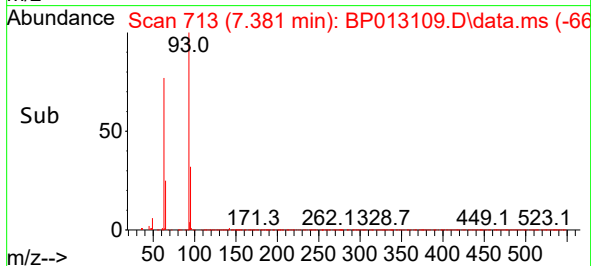
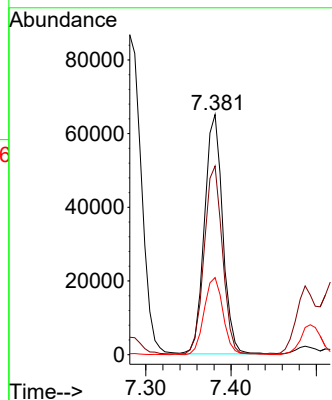
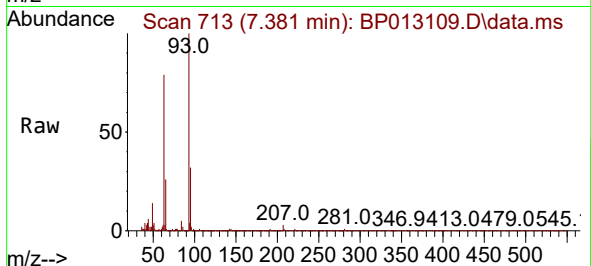




#11
bis(2-Chloroethyl)ether
Concen: 3.251 ng
RT: 7.381 min Scan# 714
Delta R.T. -0.006 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

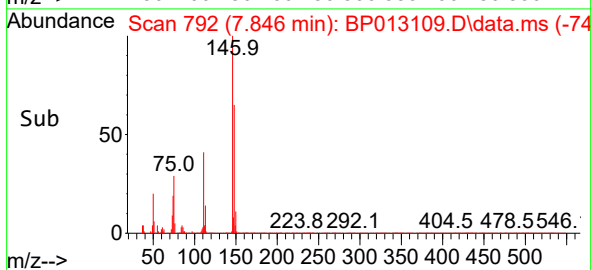
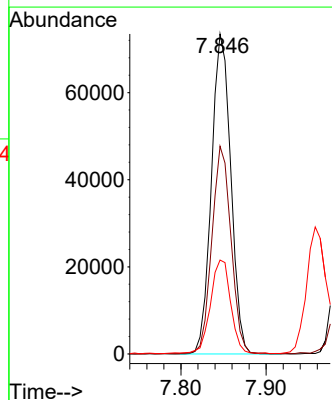
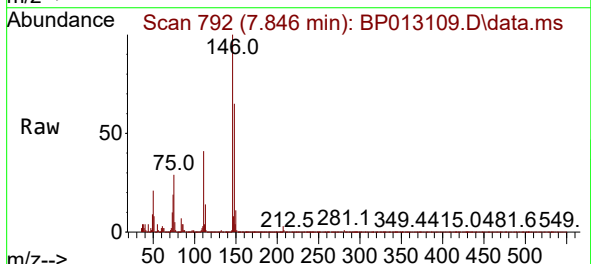
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2022

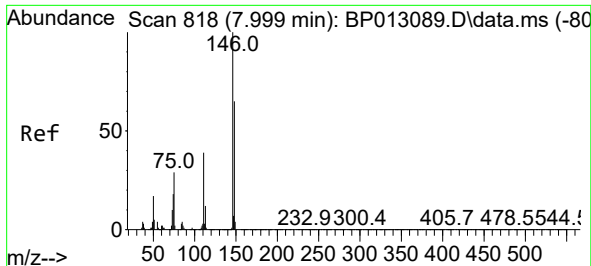
Tgt Ion: 93 Resp: 96334
Ion Ratio Lower Upper
93 100
63 78.5 56.3 96.3
95 32.1 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 3.352 ng
RT: 7.846 min Scan# 792
Delta R.T. -0.006 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

Tgt Ion:146 Resp: 115755
Ion Ratio Lower Upper
146 100
148 64.9 51.5 77.3
75 29.3 23.0 34.4

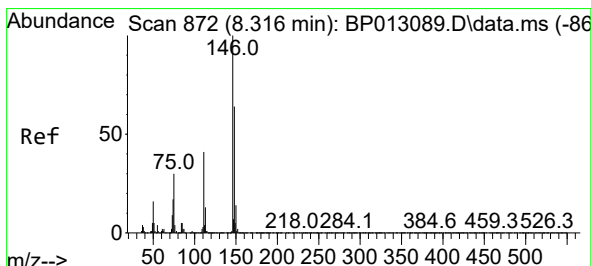
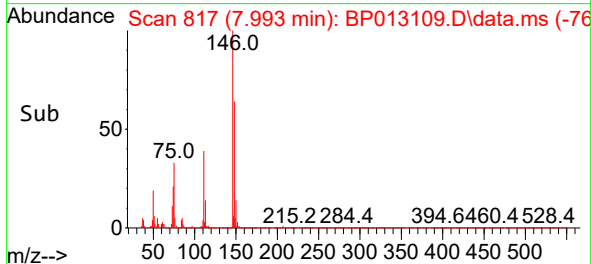
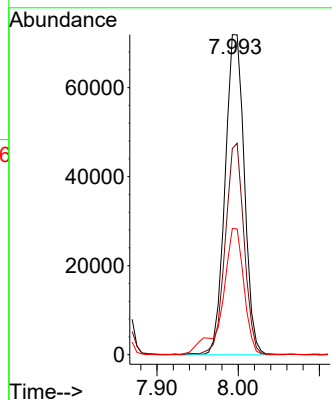
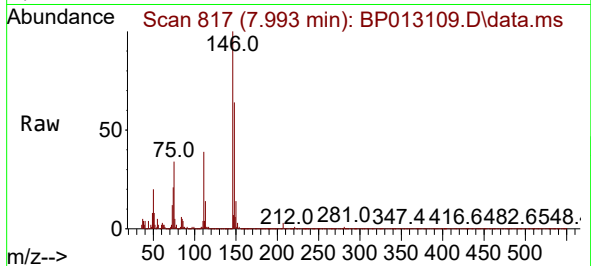




#13
1,4-Dichlorobenzene
Concen: 3.365 ng
RT: 7.993 min Scan# 818
Delta R.T. -0.006 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

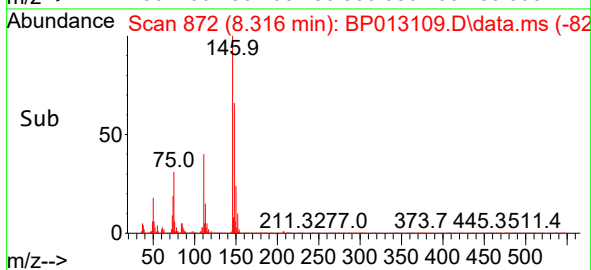
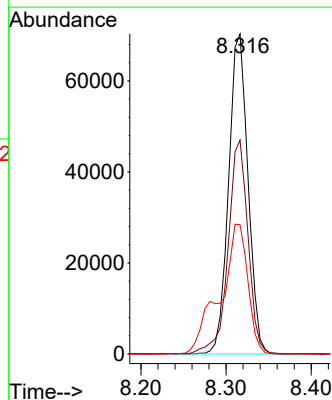
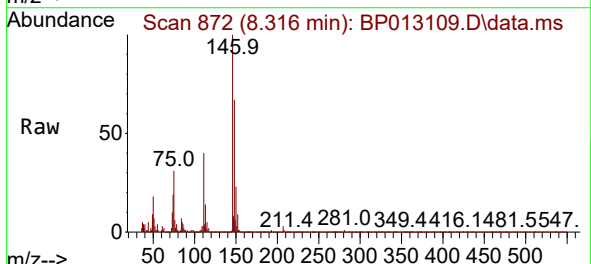
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2022

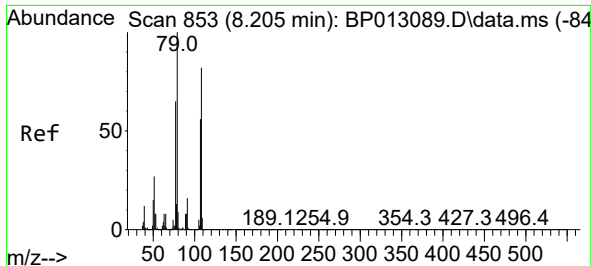
Tgt Ion:146 Resp: 118349
Ion Ratio Lower Upper
146 100
148 64.4 51.9 77.9
111 39.5 31.3 46.9



#14
1,2-Dichlorobenzene
Concen: 3.330 ng
RT: 8.316 min Scan# 872
Delta R.T. 0.000 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

Tgt Ion:146 Resp: 111145
Ion Ratio Lower Upper
146 100
148 66.8 51.0 76.6
111 40.4 32.6 49.0

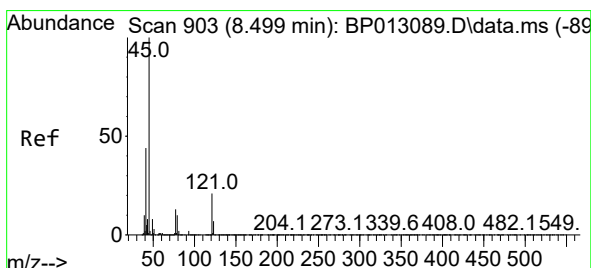
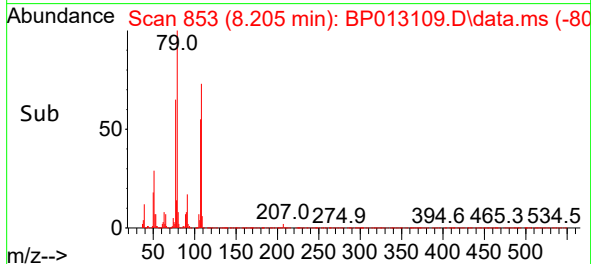
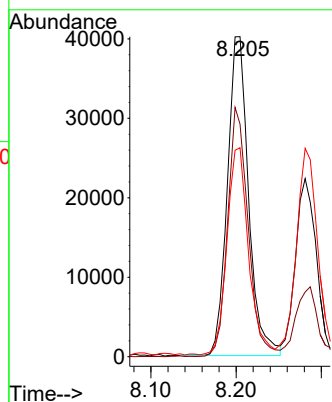
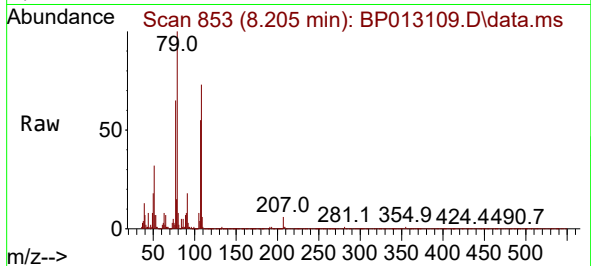




#15
Benzyl Alcohol
Concen: 2.914 ng
RT: 8.205 min Scan# 853
Delta R.T. 0.000 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

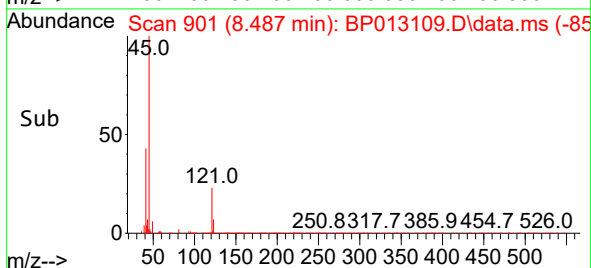
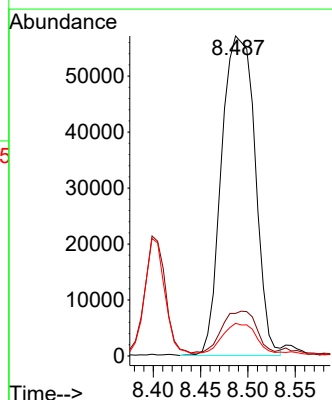
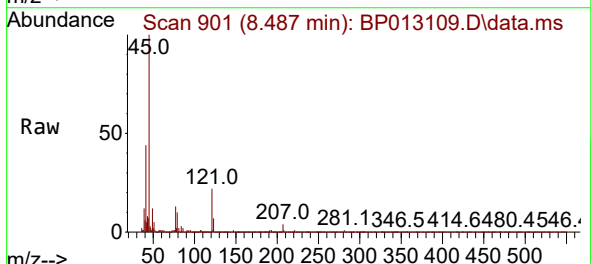
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2022

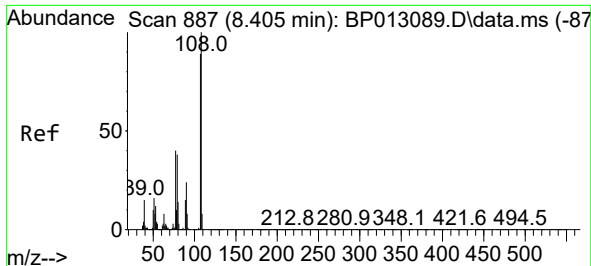
Tgt Ion: 79 Resp: 69511
Ion Ratio Lower Upper
79 100
108 72.6 65.3 97.9
77 65.3 51.9 77.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.272 ng
RT: 8.487 min Scan# 901
Delta R.T. -0.012 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

Tgt Ion: 45 Resp: 140415
Ion Ratio Lower Upper
45 100
77 13.3 0.0 33.6
79 10.2 0.0 30.6

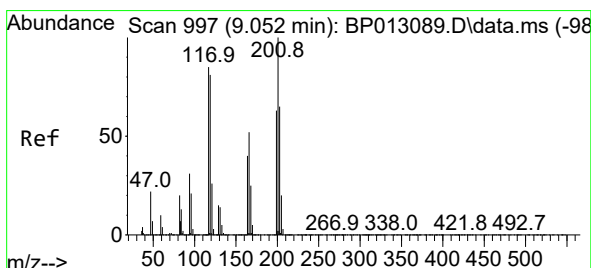
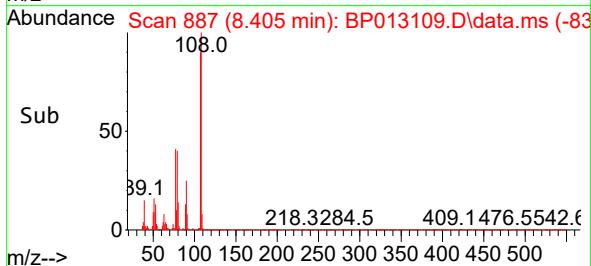
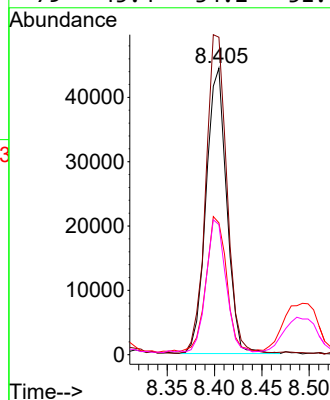
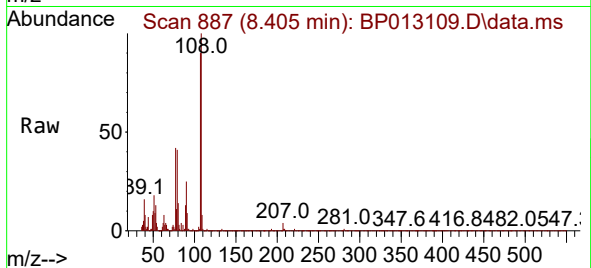




#17
2-Methylphenol
Concen: 2.756 ng
RT: 8.405 min Scan# 887
Delta R.T. 0.000 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

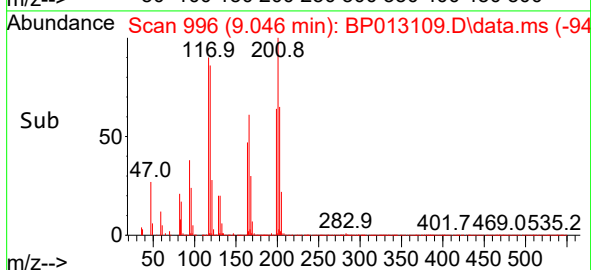
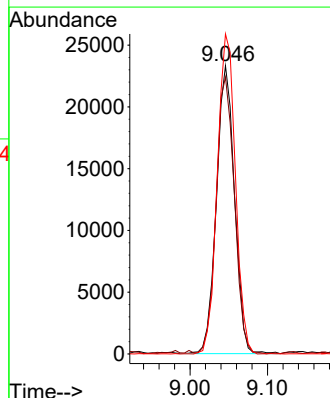
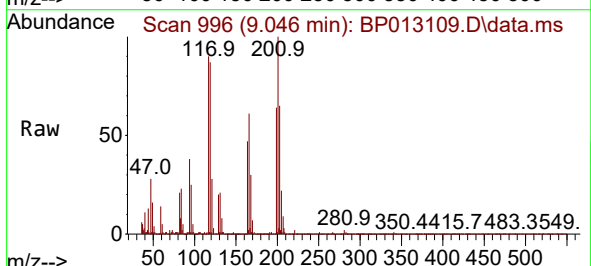
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT4-2022

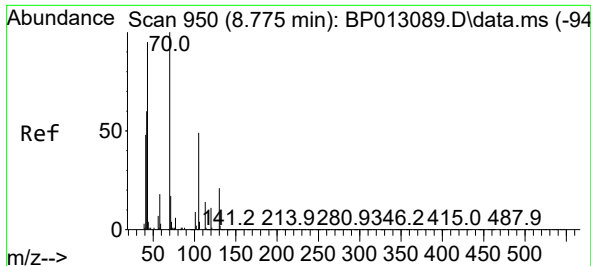
Tgt Ion:	107	Resp:	67047
Ion	Ratio	Lower	Upper
107	100		
108	110.8	89.6	134.4
77	46.0	35.5	53.3
79	45.4	34.2	51.4



#18
Hexachloroethane
Concen: 3.175 ng
RT: 9.046 min Scan# 996
Delta R.T. -0.006 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

Tgt Ion:	117	Resp:	37812
Ion	Ratio	Lower	Upper
117	100		
119	96.1	76.7	115.1
201	111.0	94.6	141.8

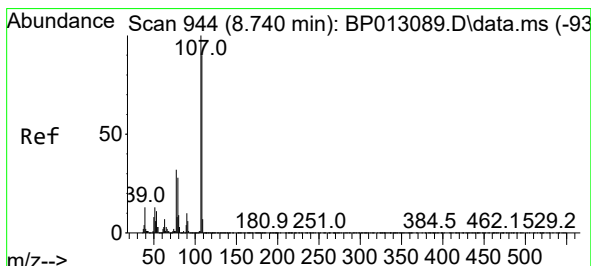
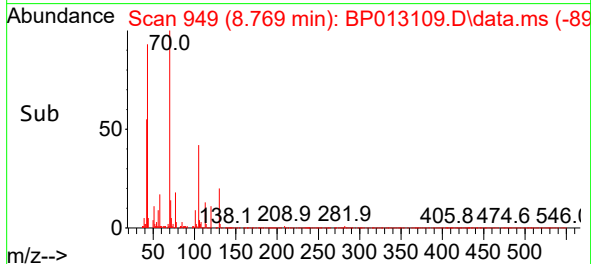
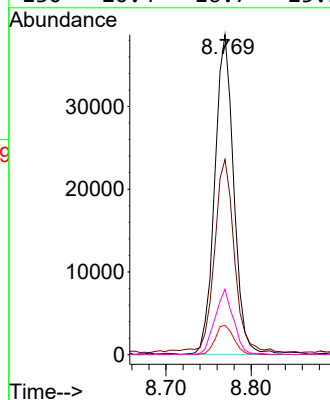
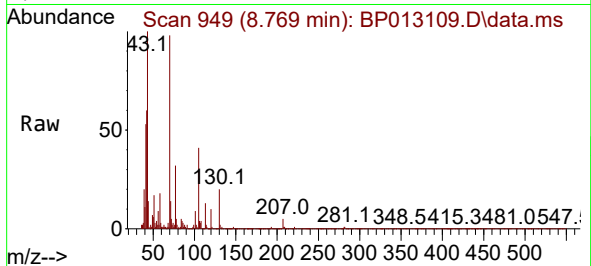




#19
n-Nitroso-di-n-propylamine
Concen: 2.813 ng
RT: 8.769 min Scan# 941
Delta R.T. -0.006 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

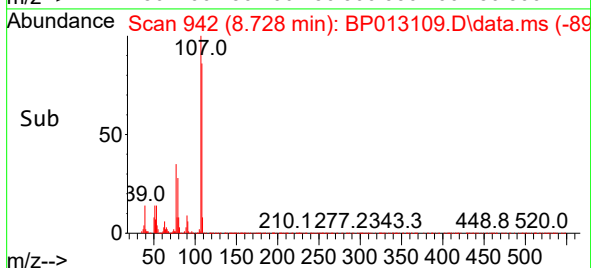
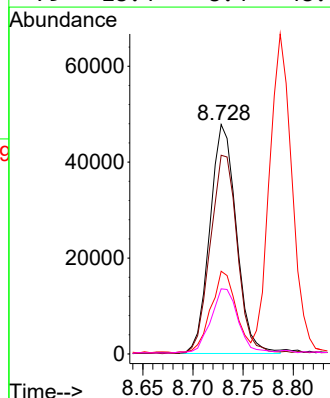
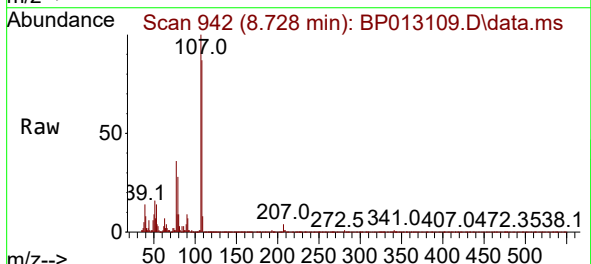
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2022

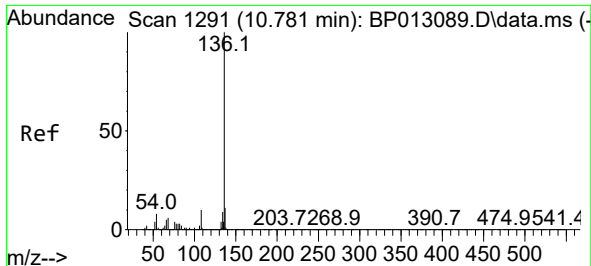
Tgt Ion: 70 Resp: 60058
Ion Ratio Lower Upper
70 100
42 61.0 48.5 72.7
101 9.1 7.4 11.2
130 20.4 16.7 25.1



#20
3+4-Methylphenols
Concen: 2.656 ng
RT: 8.728 min Scan# 942
Delta R.T. -0.012 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

Tgt Ion: 107 Resp: 87847
Ion Ratio Lower Upper
107 100
108 86.6 70.5 110.5
77 36.1 12.2 52.2
79 28.4 8.4 48.4

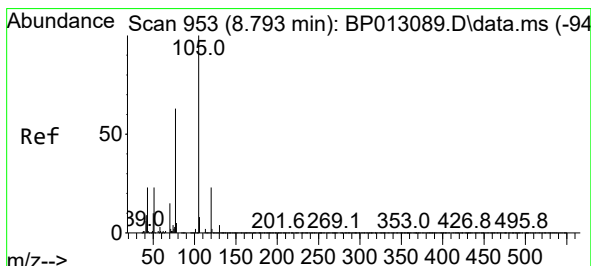
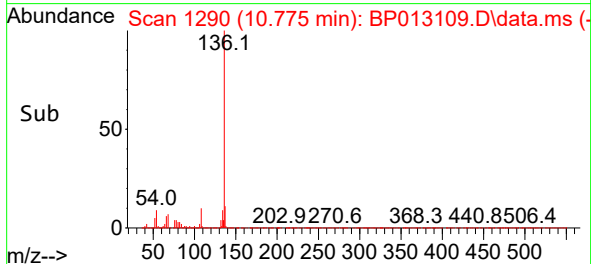
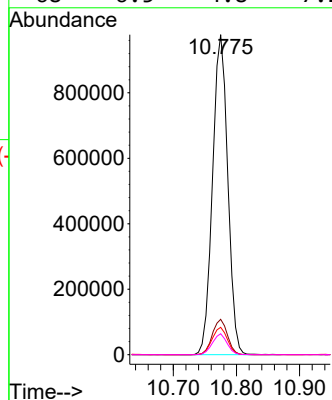
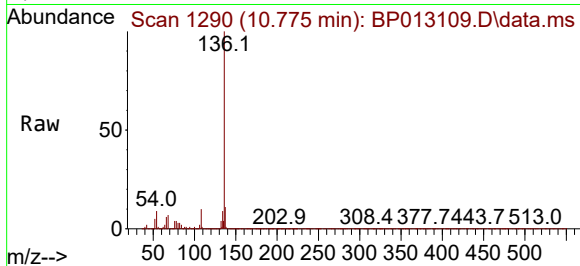




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.775 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

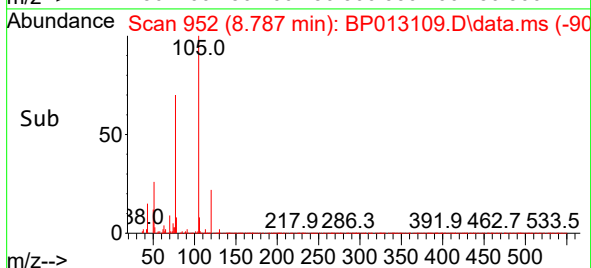
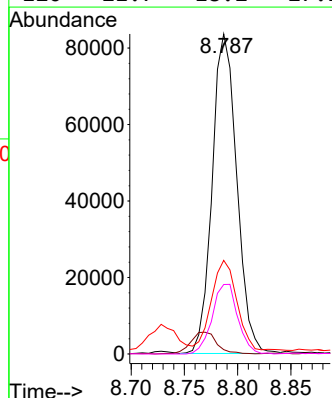
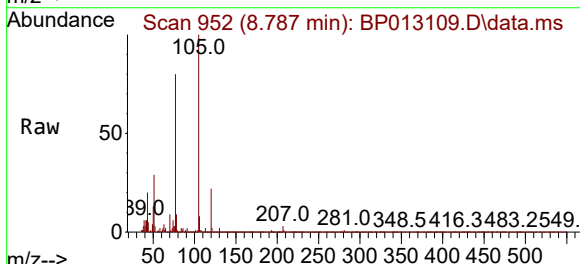
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2022

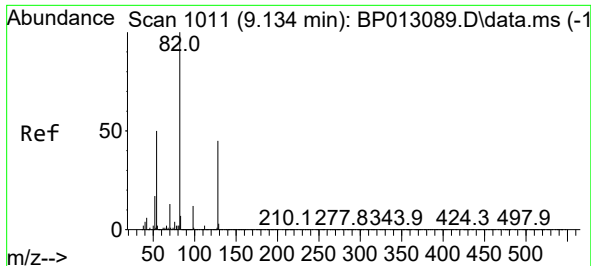
Tgt Ion:136 Resp: 1635461
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 8.5 6.2 9.4
68 6.5 4.8 7.2



#22
Acetophenone
Concen: 3.297 ng
RT: 8.787 min Scan# 952
Delta R.T. -0.006 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

Tgt Ion:105 Resp: 134182
Ion Ratio Lower Upper
105 100
71 1.4 2.2 3.4#
51 29.3 21.5 32.3
120 21.7 18.2 27.2





#23

Nitrobenzene-d5

Concen: 66.956 ng

RT: 9.128 min Scan# 1010

Delta R.T. -0.006 min

Lab File: BP013109.D

Acq: 14 Dec 2022 17:11

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT4-2022

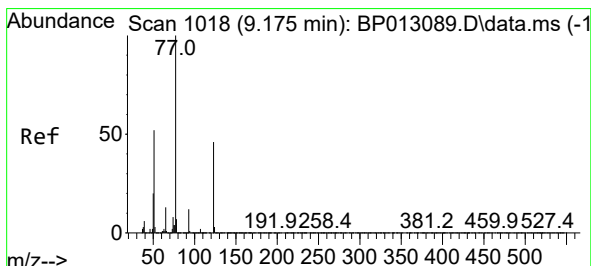
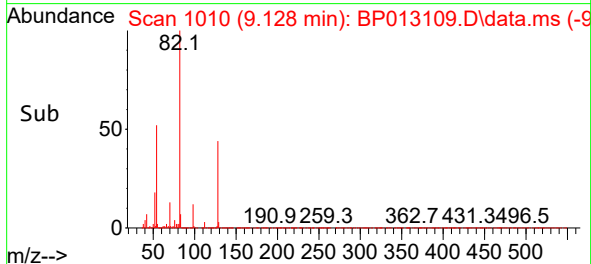
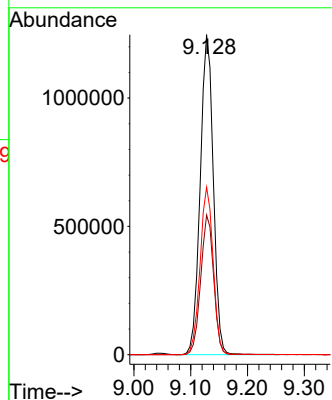
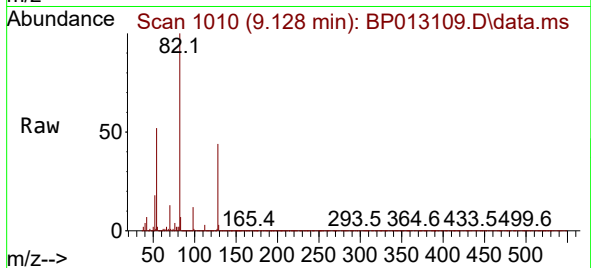
Tgt Ion: 82 Resp: 1997427

Ion Ratio Lower Upper

82 100

128 43.7 35.9 53.9

54 52.3 40.4 60.6



#24

Nitrobenzene

Concen: 3.465 ng

RT: 9.169 min Scan# 1017

Delta R.T. -0.006 min

Lab File: BP013109.D

Acq: 14 Dec 2022 17:11

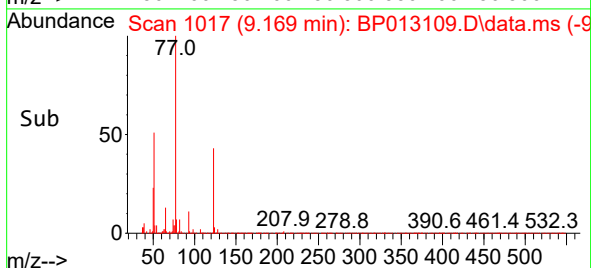
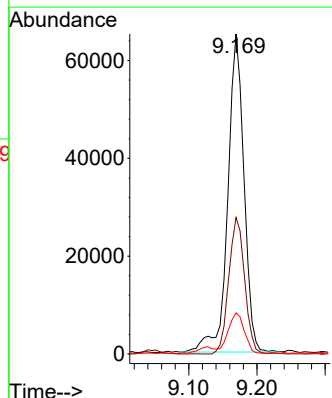
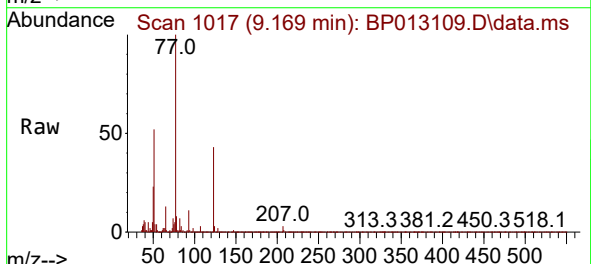
Tgt Ion: 77 Resp: 107722

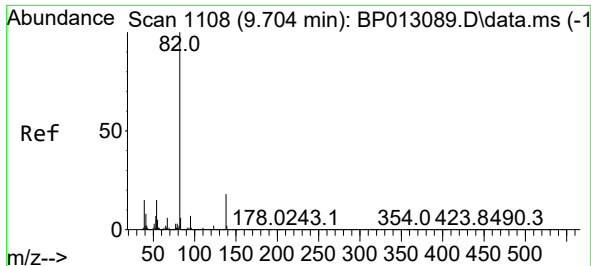
Ion Ratio Lower Upper

77 100

123 42.7 37.0 55.4

65 12.8 10.7 16.1

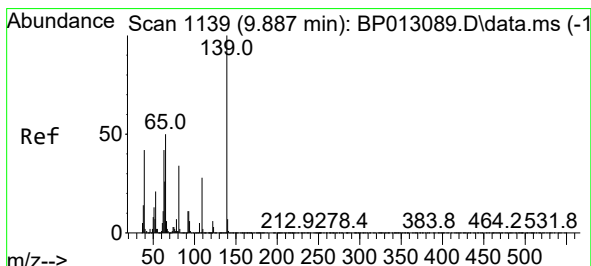
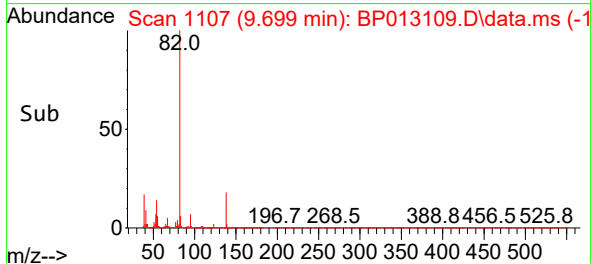
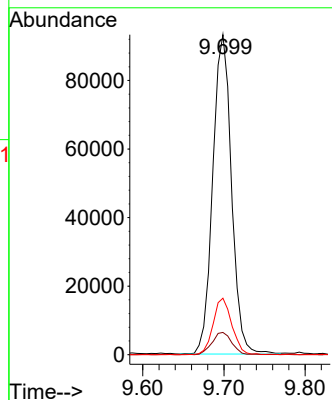
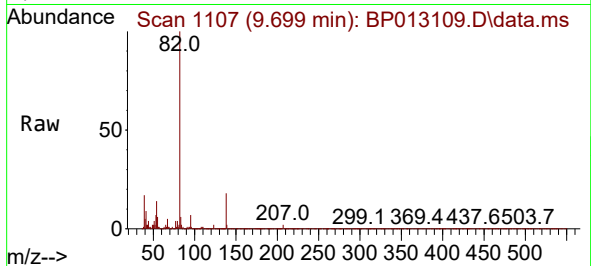




#25
Isophorone
Concen: 2.947 ng
RT: 9.699 min Scan# 1107
Delta R.T. -0.006 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

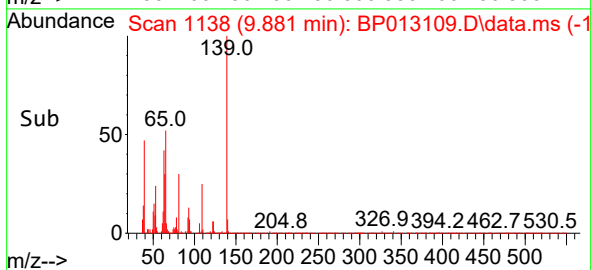
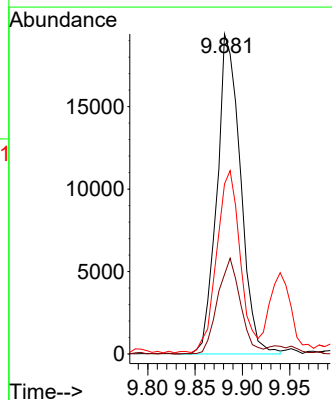
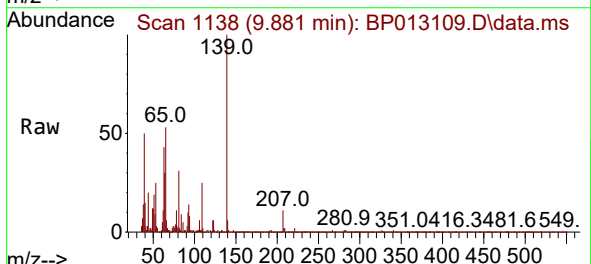
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2022

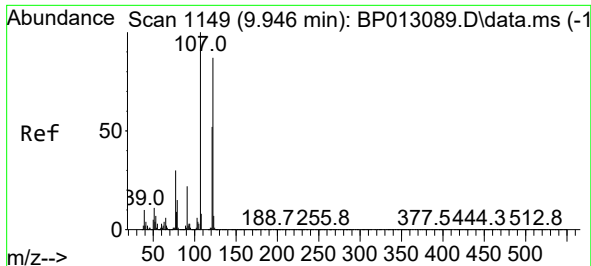
Tgt Ion: 82 Resp: 149306
Ion Ratio Lower Upper
82 100
95 7.0 5.4 8.0
138 17.7 14.5 21.7



#26
2-Nitrophenol
Concen: 2.363 ng
RT: 9.881 min Scan# 1138
Delta R.T. -0.006 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

Tgt Ion: 139 Resp: 33637
Ion Ratio Lower Upper
139 100
109 24.8 22.5 33.7
65 53.2 39.9 59.9





#27

2,4-Dimethylphenol

Concen: 3.151 ng

RT: 9.940 min Scan# 1149

Delta R.T. -0.006 min

Lab File: BP013109.D

Acq: 14 Dec 2022 17:11

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT4-2022

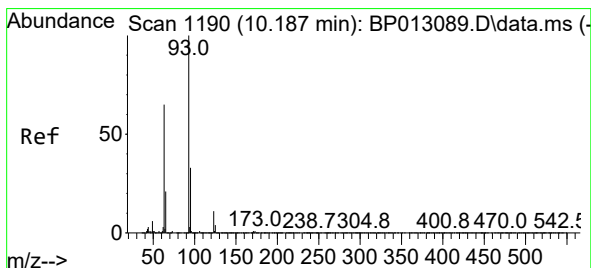
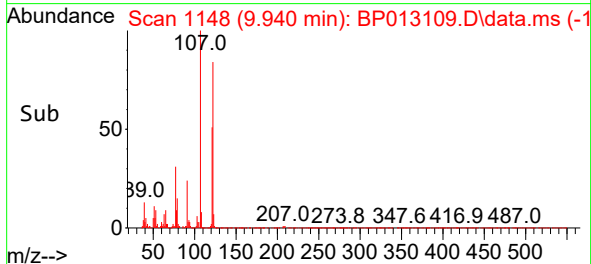
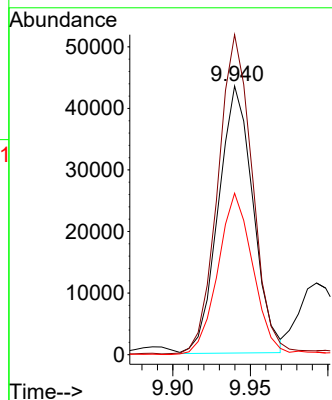
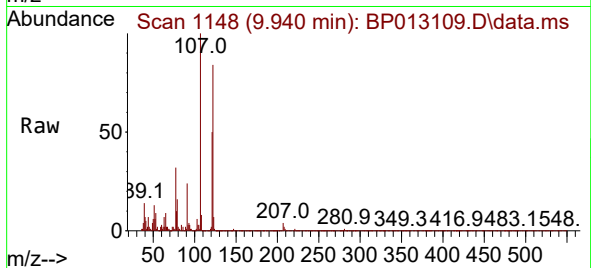
Tgt Ion:122 Resp: 67560

Ion Ratio Lower Upper

122 100

107 119.1 91.1 136.7

121 60.1 47.0 70.4



#28

bis(2-Chloroethoxy)methane

Concen: 3.408 ng

RT: 10.181 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BP013109.D

Acq: 14 Dec 2022 17:11

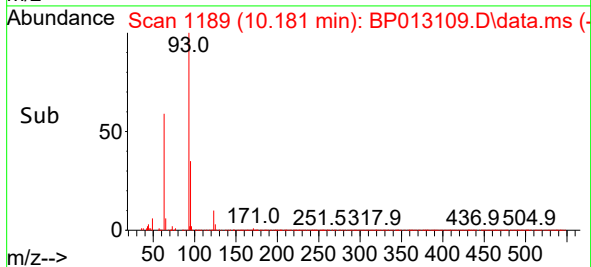
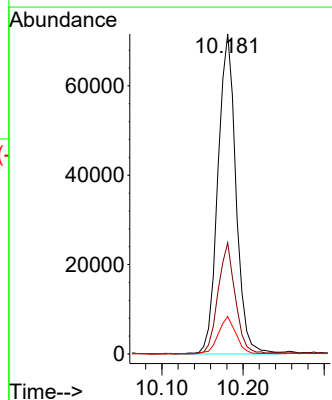
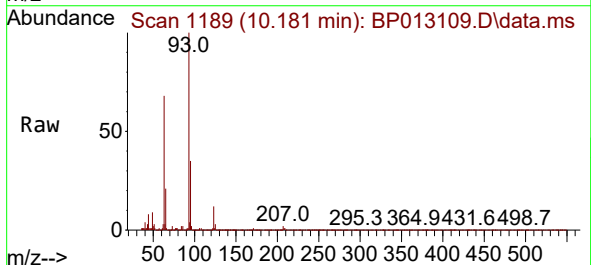
Tgt Ion: 93 Resp: 110734

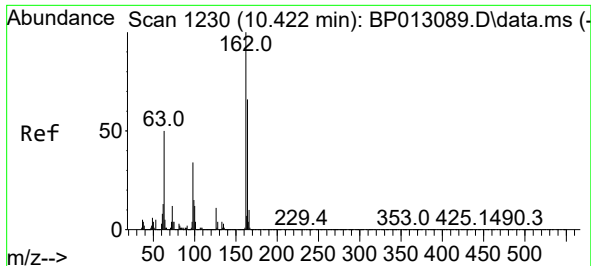
Ion Ratio Lower Upper

93 100

95 34.8 26.4 39.6

123 11.7 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 2.648 ng

RT: 10.416 min Scan# 1229

Delta R.T. -0.006 min

Lab File: BP013109.D

Acq: 14 Dec 2022 17:11

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT4-2022

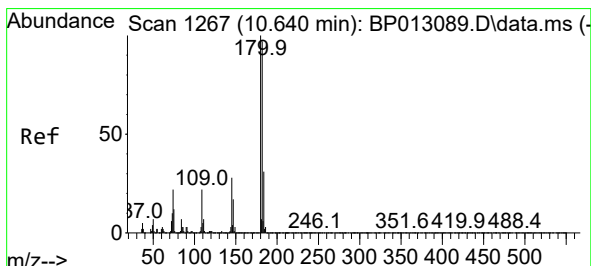
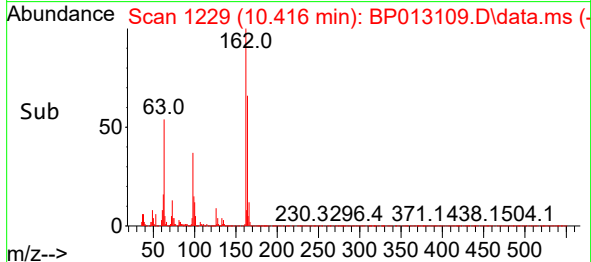
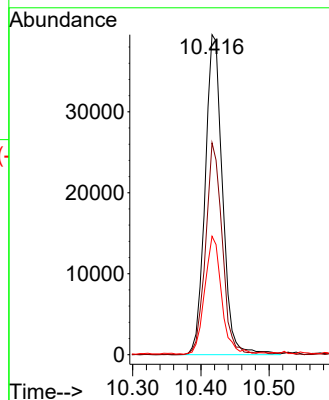
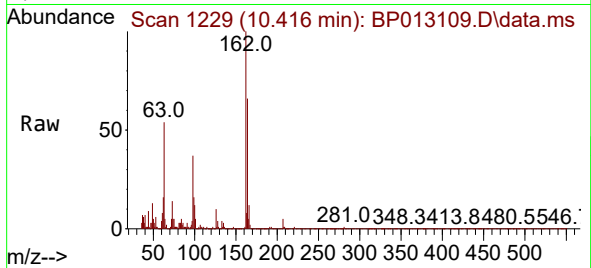
Tgt Ion:162 Resp: 70059

Ion Ratio Lower Upper

162 100

164 66.2 45.8 85.8

98 37.0 13.8 53.8



#30

1,2,4-Trichlorobenzene

Concen: 3.175 ng

RT: 10.634 min Scan# 1266

Delta R.T. -0.006 min

Lab File: BP013109.D

Acq: 14 Dec 2022 17:11

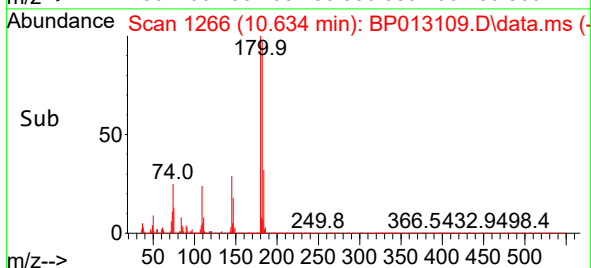
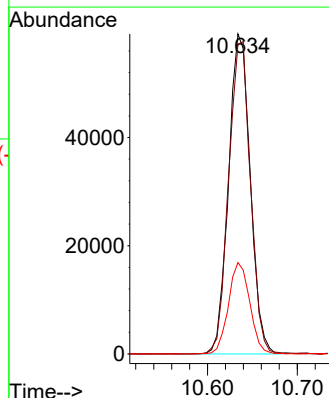
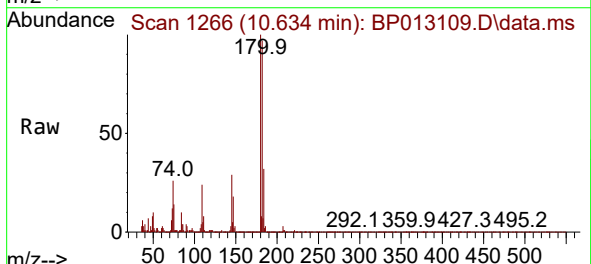
Tgt Ion:180 Resp: 99139

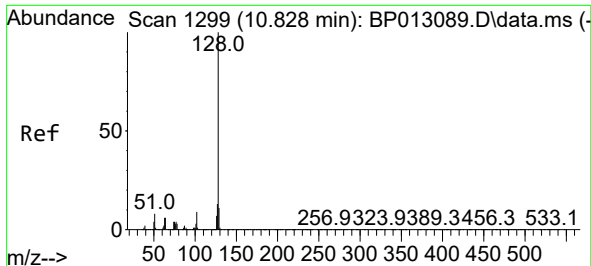
Ion Ratio Lower Upper

180 100

182 96.8 77.8 116.6

145 28.6 22.6 33.8

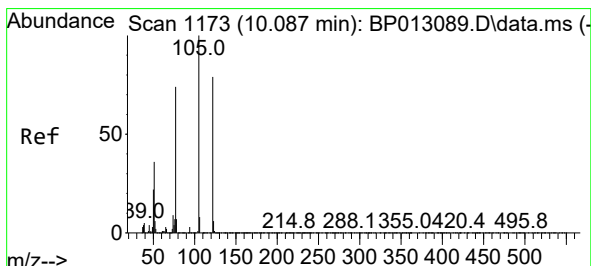
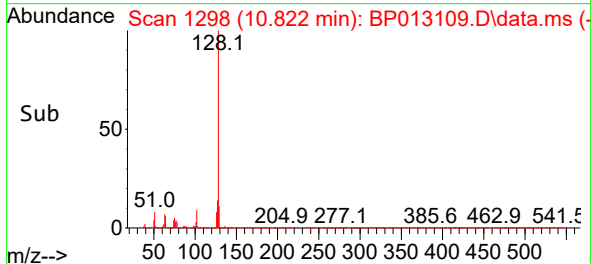
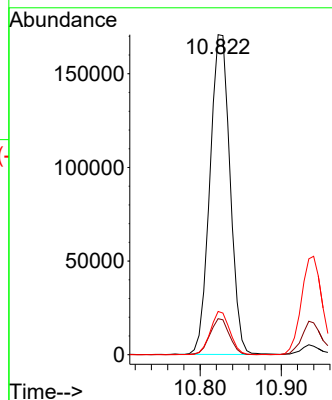
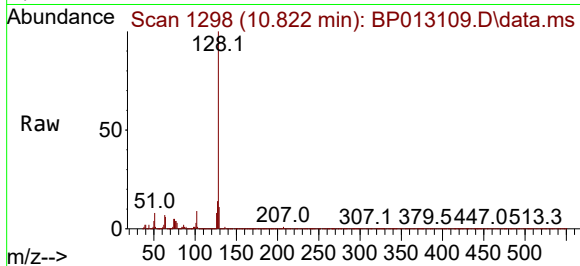




#31
Naphthalene
Concen: 3.280 ng
RT: 10.822 min Scan# 1157
Delta R.T. -0.006 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

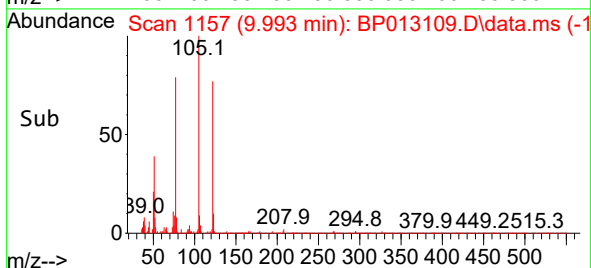
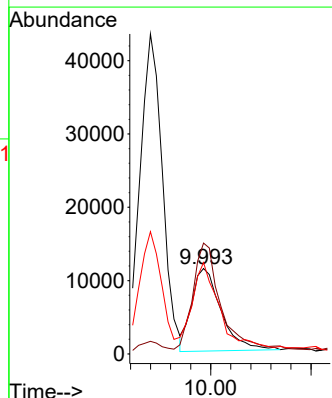
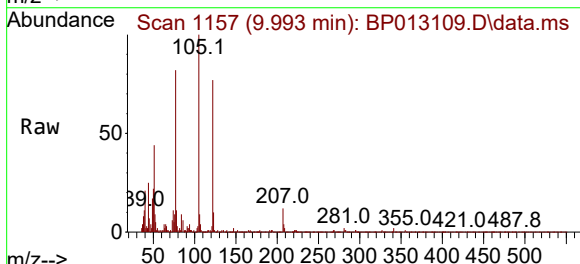
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT4-2022

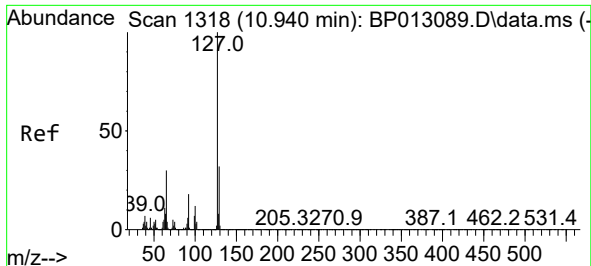
Tgt Ion:128 Resp: 293756
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.5 10.4 15.6



#32
Benzoic acid
Concen: 1.357 ng
RT: 9.993 min Scan# 1157
Delta R.T. -0.094 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

Tgt Ion:122 Resp: 22947
Ion Ratio Lower Upper
122 100
105 129.8 101.9 141.9
77 106.9 71.7 111.7

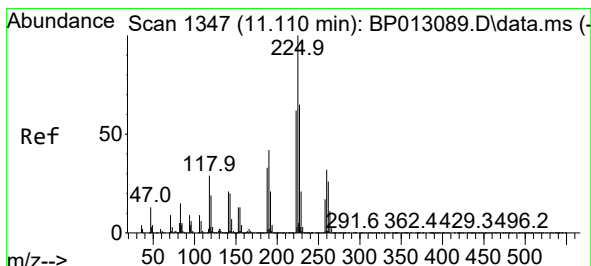
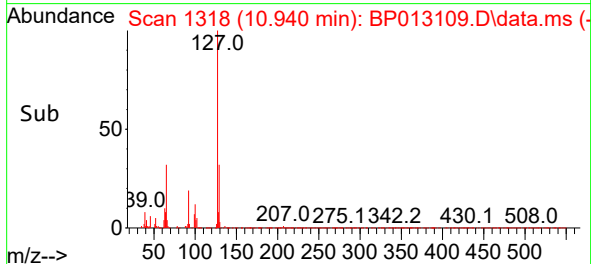
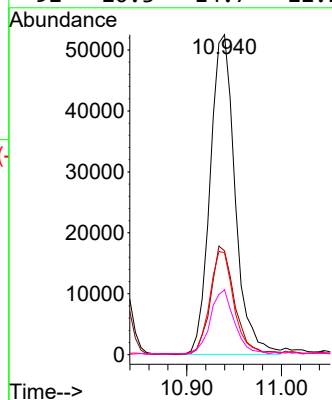
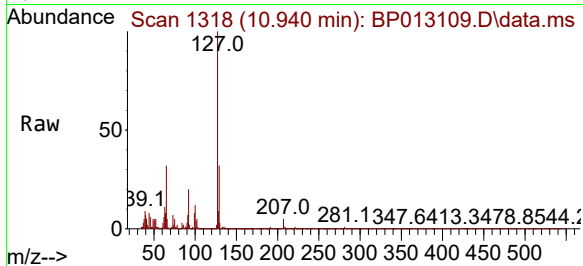




#33
4-Chloroaniline
Concen: 2.872 ng
RT: 10.940 min Scan# 1318
Delta R.T. 0.000 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

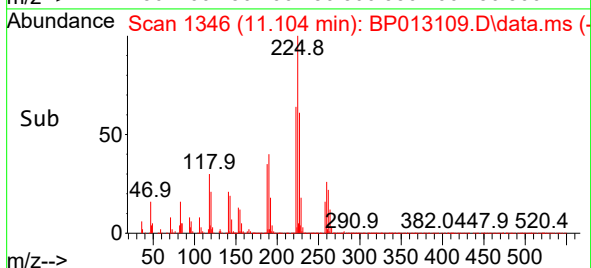
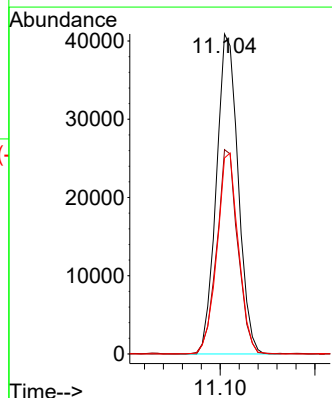
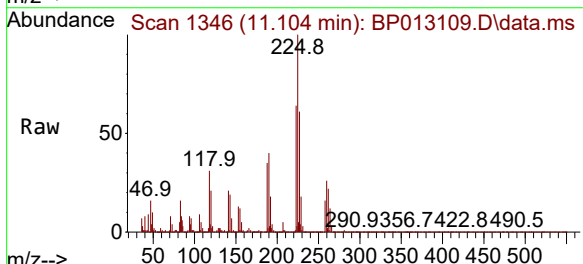
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2022

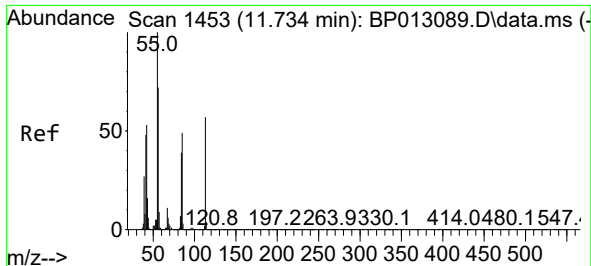
Tgt Ion:	127	Resp:	95933
Ion Ratio	Lower	Upper	
127	100		
129	32.5	25.5	38.3
65	31.9	23.8	35.8
92	20.3	14.7	22.1



#34
Hexachlorobutadiene
Concen: 3.277 ng
RT: 11.104 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

Tgt Ion:	225	Resp:	65288
Ion Ratio	Lower	Upper	
225	100		
223	63.8	49.4	74.0
227	61.3	52.0	78.0

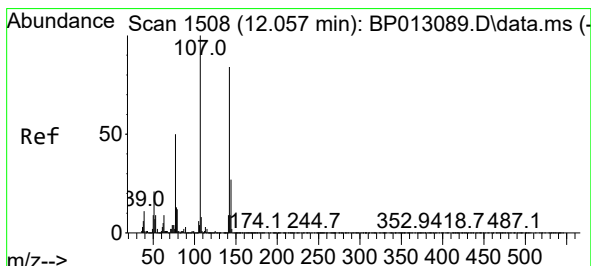
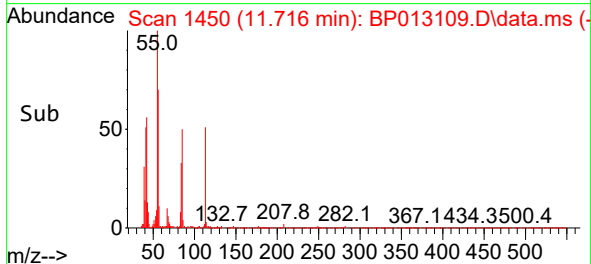
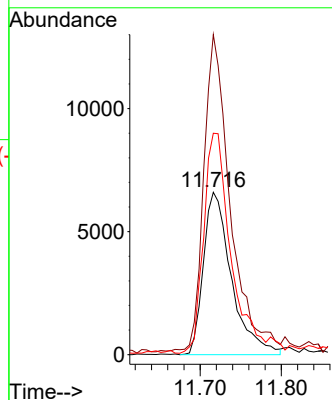
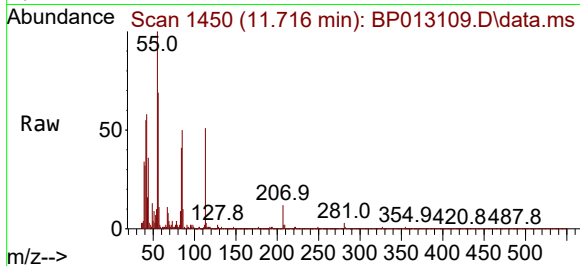




#35
Caprolactam
Concen: 2.318 ng
RT: 11.716 min Scan# 1453
Delta R.T. -0.018 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

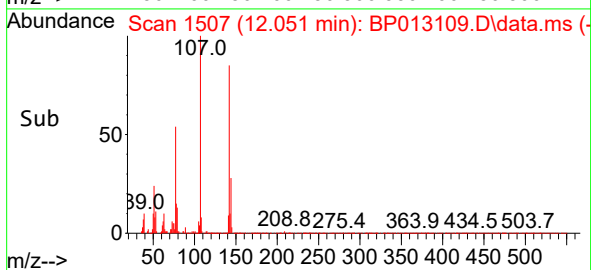
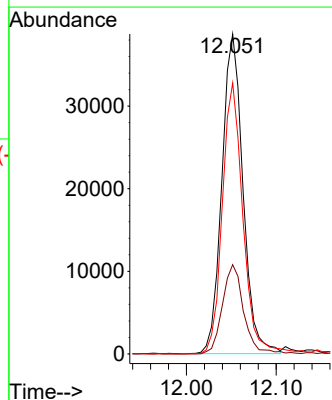
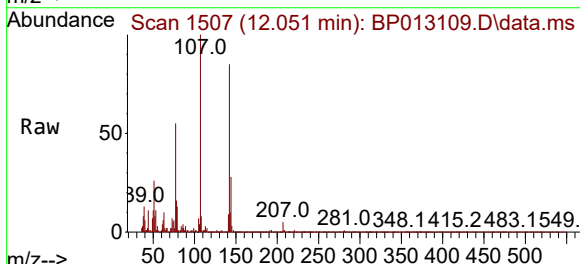
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2022

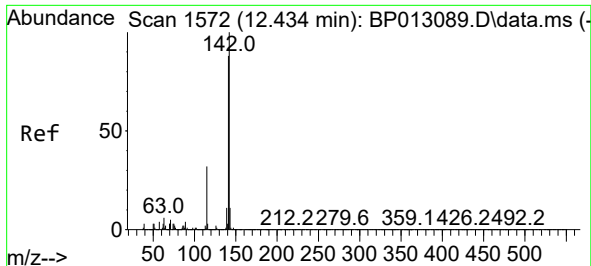
Tgt Ion:113 Resp: 15833
Ion Ratio Lower Upper
113 100
55 197.1 155.5 195.5#
56 136.4 106.7 146.7



#36
4-Chloro-3-methylphenol
Concen: 2.556 ng
RT: 12.051 min Scan# 1507
Delta R.T. -0.006 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

Tgt Ion:107 Resp: 63157
Ion Ratio Lower Upper
107 100
144 27.9 21.5 32.3
142 84.7 67.2 100.8

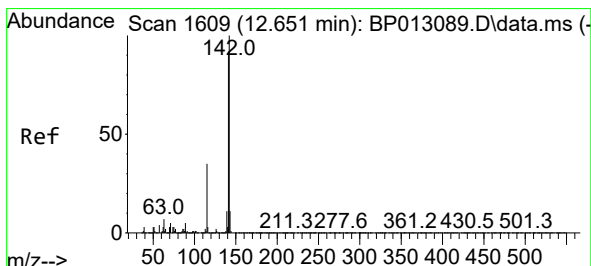
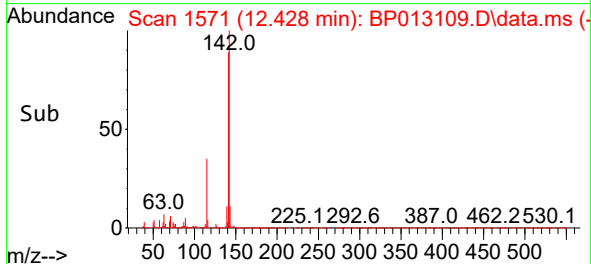
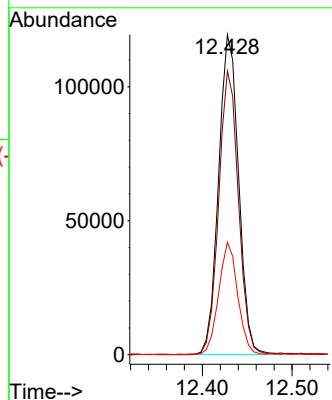
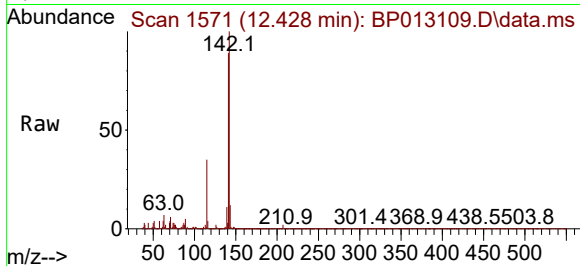




#37
2-Methylnaphthalene
Concen: 3.073 ng
RT: 12.428 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

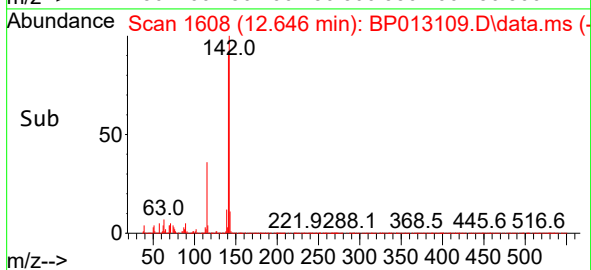
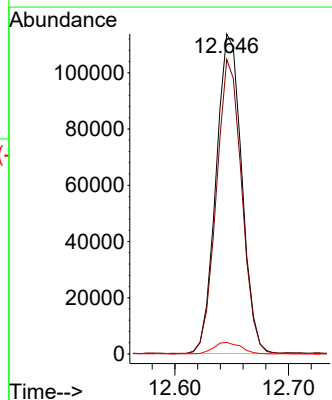
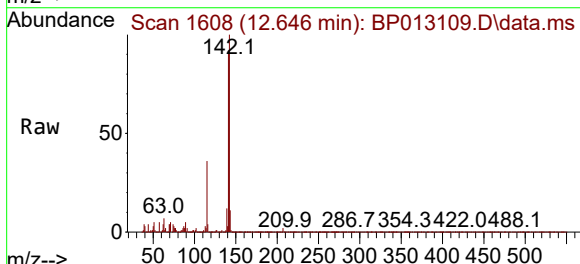
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2022

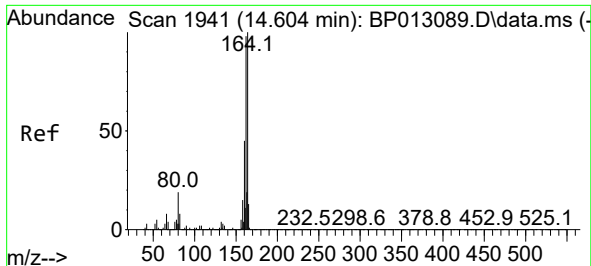
Tgt Ion:142 Resp: 185084
Ion Ratio Lower Upper
142 100
141 88.7 70.4 105.6
115 35.2 25.7 38.5



#38
1-Methylnaphthalene
Concen: 3.041 ng
RT: 12.646 min Scan# 1608
Delta R.T. -0.006 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

Tgt Ion:142 Resp: 178346
Ion Ratio Lower Upper
142 100
141 92.0 73.0 109.4
116 3.6 2.8 4.2

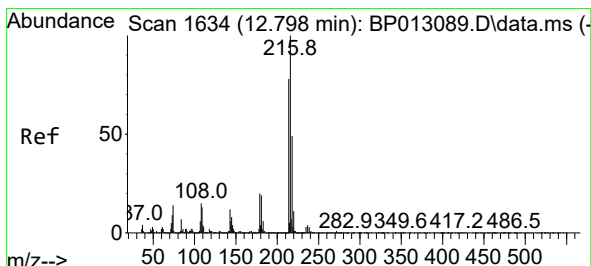
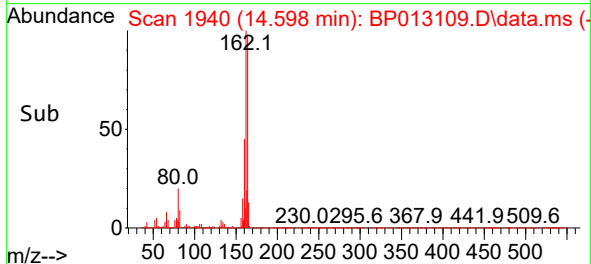
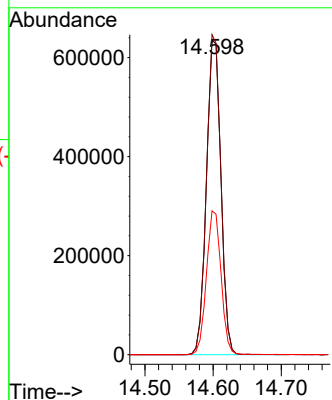
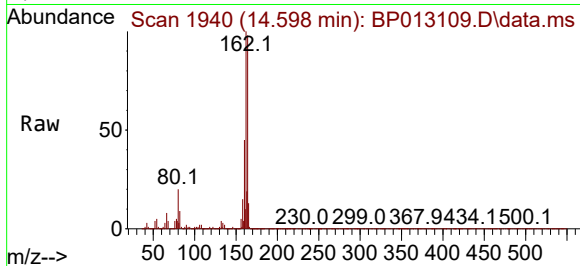




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.598 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

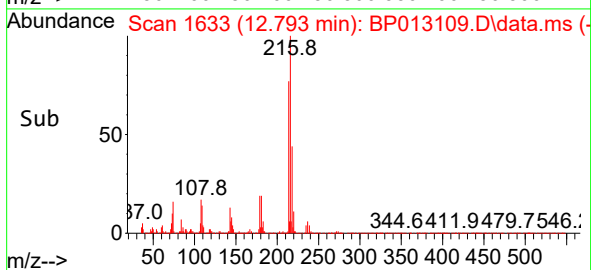
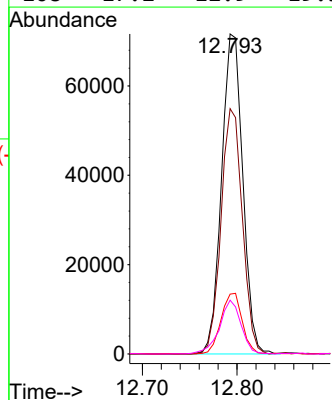
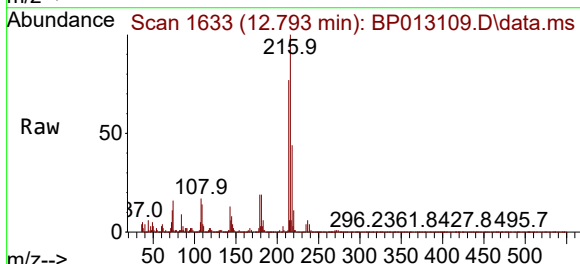
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2022

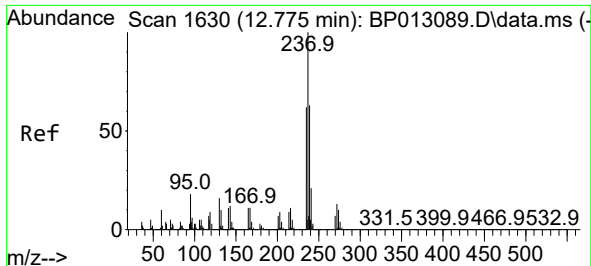
Tgt Ion:164 Resp: 940804
Ion Ratio Lower Upper
164 100
162 101.7 78.8 118.2
160 45.7 36.0 54.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 3.327 ng
RT: 12.793 min Scan# 1633
Delta R.T. -0.006 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

Tgt Ion:216 Resp: 111661
Ion Ratio Lower Upper
216 100
214 77.0 62.6 94.0
179 18.9 15.7 23.5
108 17.2 12.9 19.3

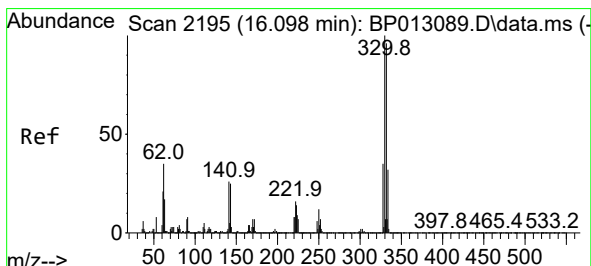
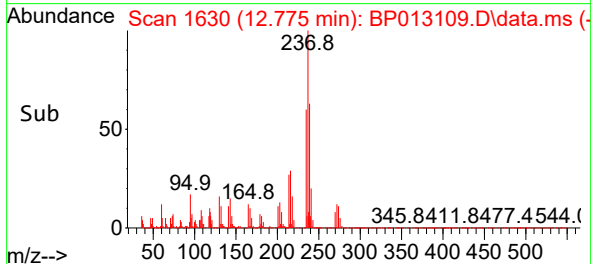
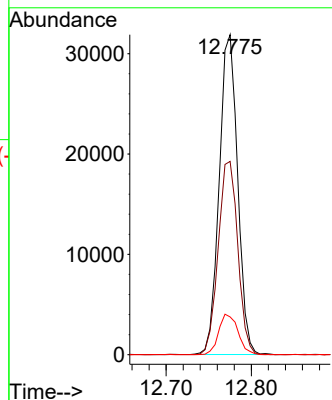
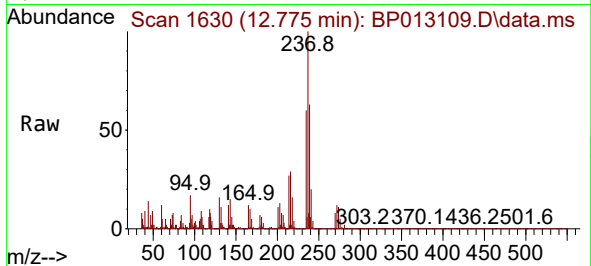




#41
Hexachlorocyclopentadiene
Concen: 2.826 ng
RT: 12.775 min Scan# 1630
Delta R.T. -0.000 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

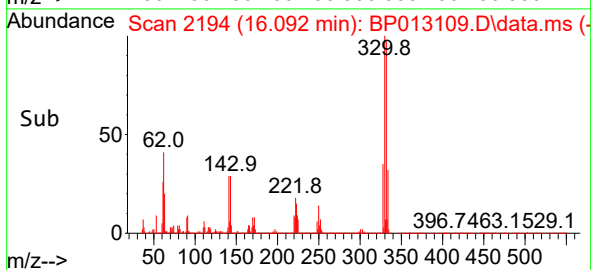
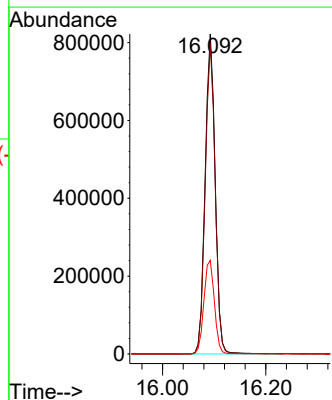
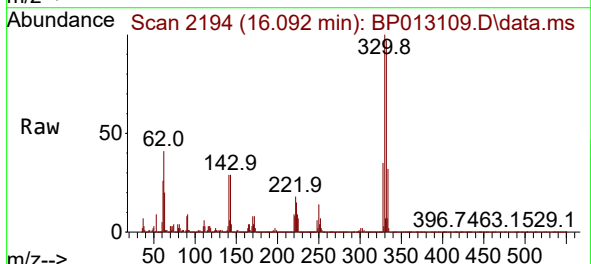
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT4-2022

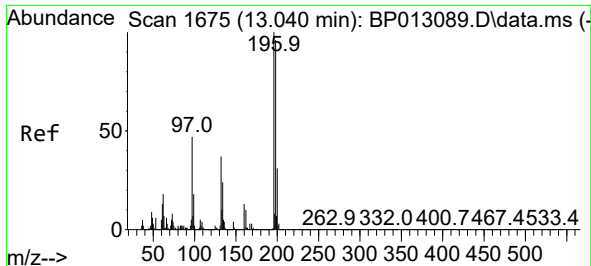
Tgt Ion:237 Resp: 47833
Ion Ratio Lower Upper
237 100
235 60.4 41.8 81.8
272 11.8 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 97.520 ng
RT: 16.092 min Scan# 2194
Delta R.T. -0.006 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

Tgt Ion:330 Resp: 1106183
Ion Ratio Lower Upper
330 100
332 96.6 77.5 116.3
141 30.8 23.2 34.8

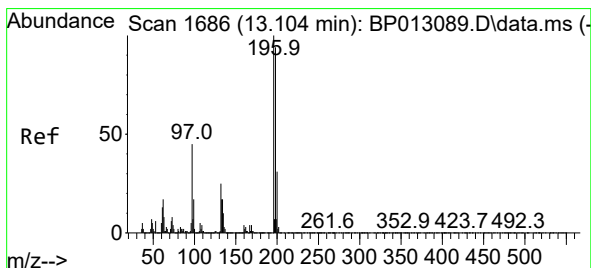
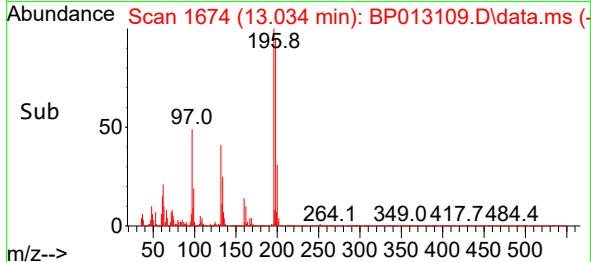
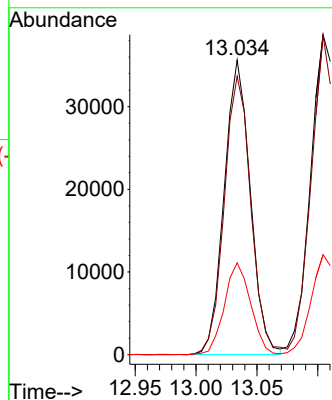
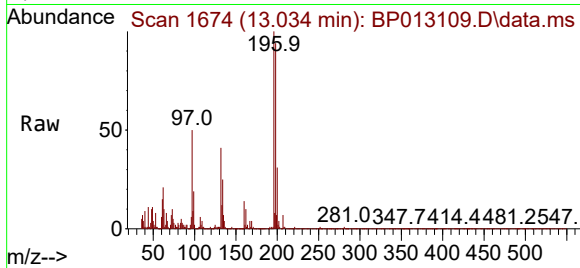




#43
2,4,6-Trichlorophenol
Concen: 2.516 ng
RT: 13.034 min Scan# 1674
Delta R.T. -0.006 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

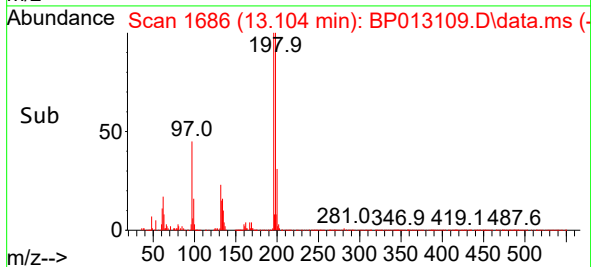
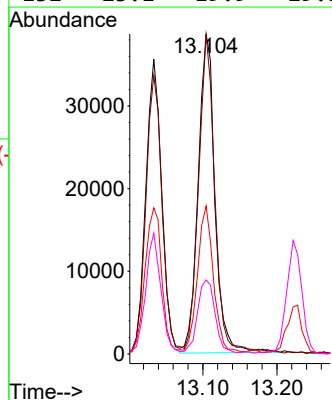
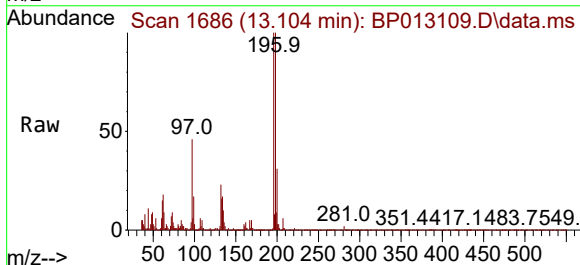
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2022

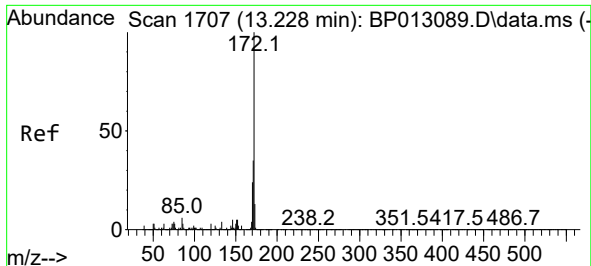
Tgt Ion:196 Resp: 53247
Ion Ratio Lower Upper
196 100
198 94.5 76.9 115.3
200 31.2 25.0 37.4



#44
2,4,5-Trichlorophenol
Concen: 2.647 ng
RT: 13.104 min Scan# 1686
Delta R.T. 0.000 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

Tgt Ion:196 Resp: 60529
Ion Ratio Lower Upper
196 100
198 99.7 75.3 112.9
97 46.3 36.1 54.1
132 23.1 19.9 29.9

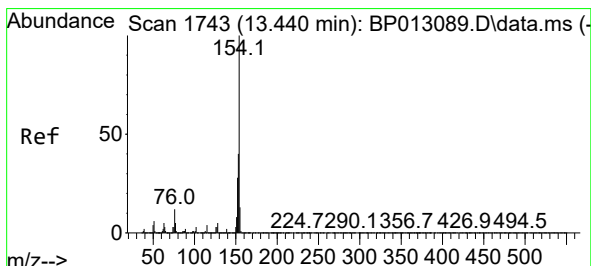
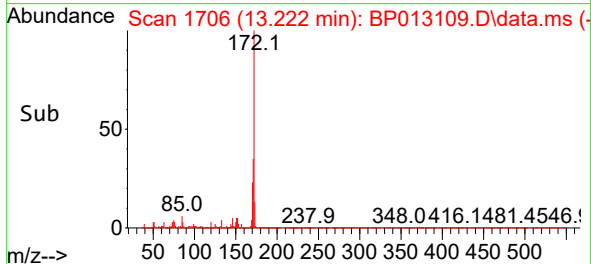
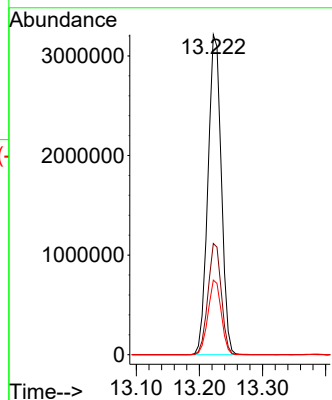
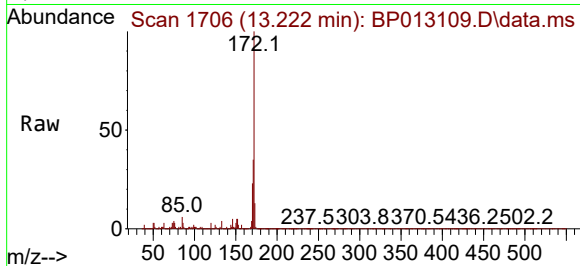




#45
2-Fluorobiphenyl
Concen: 67.907 ng
RT: 13.222 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

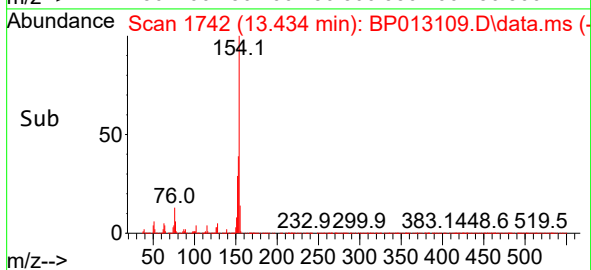
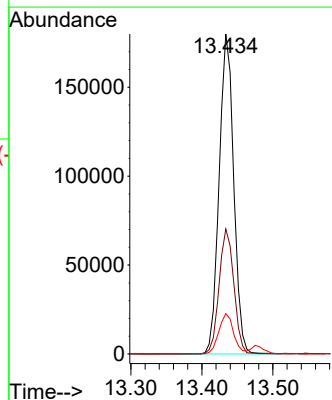
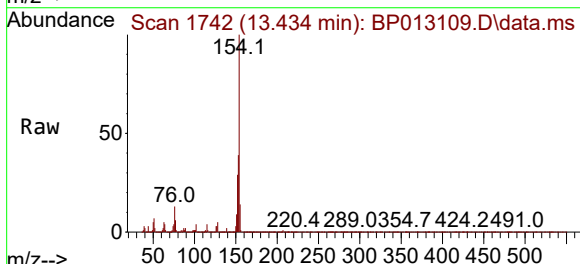
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2022

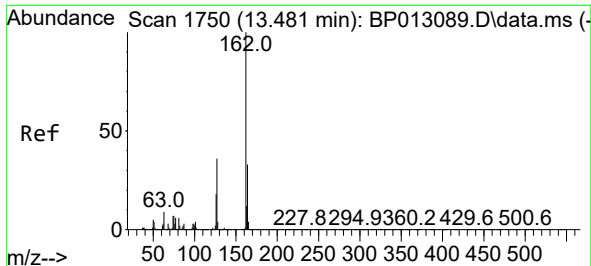
Tgt Ion:172 Resp: 4705274
Ion Ratio Lower Upper
172 100
171 34.8 28.3 42.5
170 23.3 19.2 28.8



#46
1,1'-Biphenyl
Concen: 3.427 ng
RT: 13.434 min Scan# 1742
Delta R.T. -0.006 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

Tgt Ion:154 Resp: 254920
Ion Ratio Lower Upper
154 100
153 39.1 19.9 59.9
76 12.6 0.0 32.2





#47

2-Chloronaphthalene

Concen: 3.265 ng

RT: 13.481 min Scan# 1750

Delta R.T. 0.000 min

Lab File: BP013109.D

Acq: 14 Dec 2022 17:11

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT4-2022

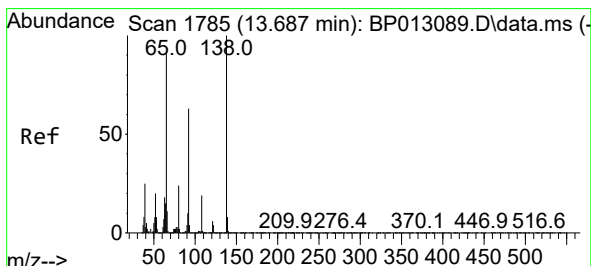
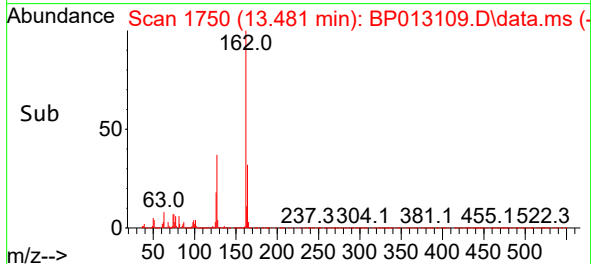
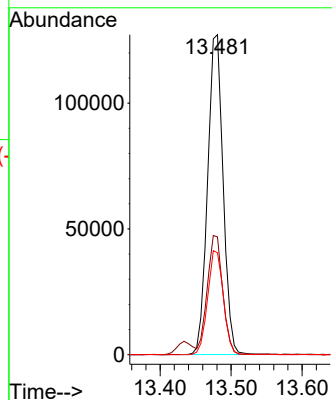
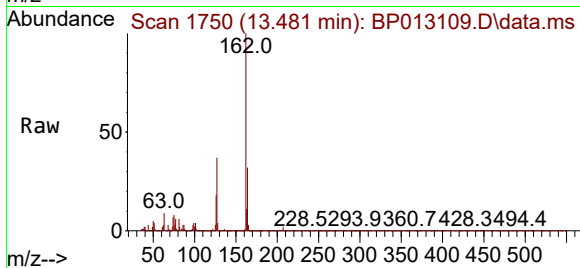
Tgt Ion:162 Resp: 193050

Ion Ratio Lower Upper

162 100

127 36.8 29.0 43.6

164 31.8 26.7 40.1



#48

2-Nitroaniline

Concen: 2.104 ng

RT: 13.687 min Scan# 1785

Delta R.T. -0.000 min

Lab File: BP013109.D

Acq: 14 Dec 2022 17:11

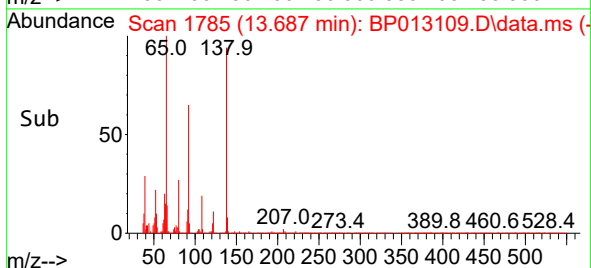
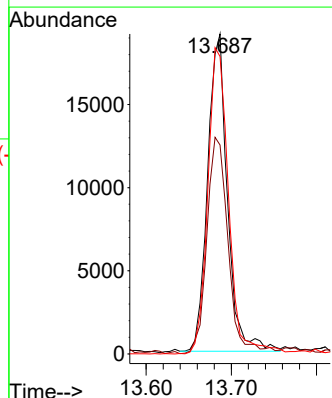
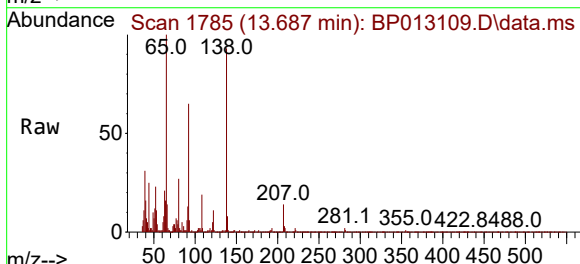
Tgt Ion: 65 Resp: 30773

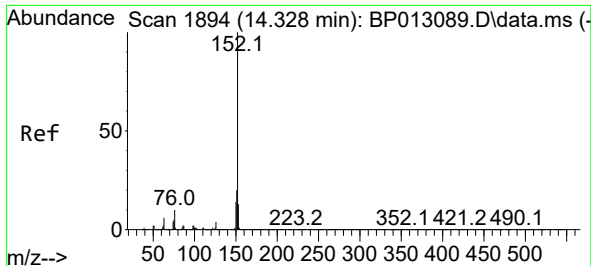
Ion Ratio Lower Upper

65 100

92 65.3 55.4 83.2

138 93.0 88.1 132.1

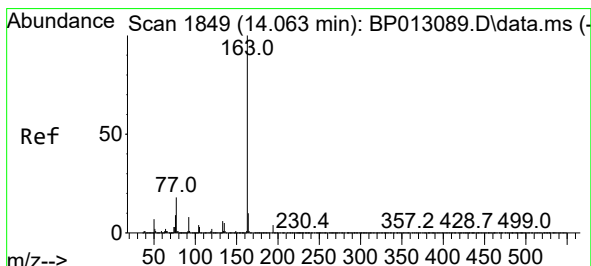
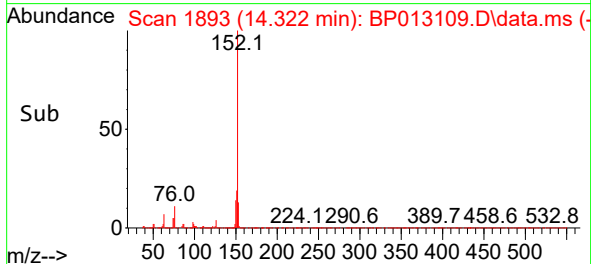
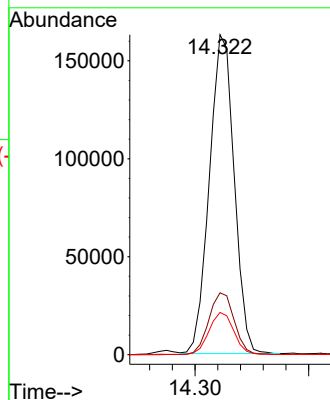
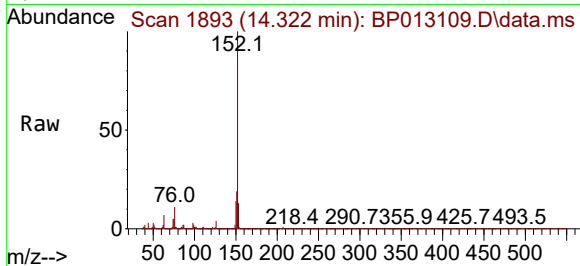




#49
Acenaphthylene
Concen: 2.838 ng
RT: 14.322 min Scan# 1893
Delta R.T. -0.006 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

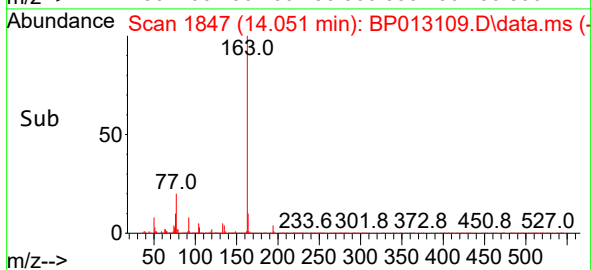
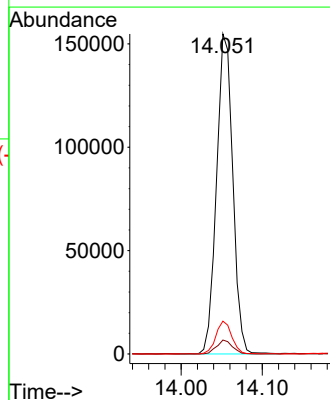
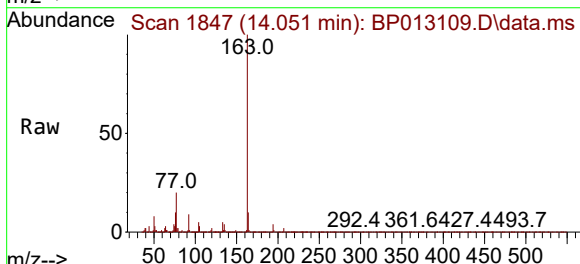
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2022

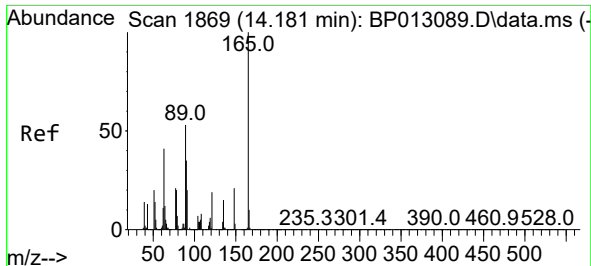
Tgt Ion:152 Resp: 246840
Ion Ratio Lower Upper
152 100
151 19.4 16.0 24.0
153 13.2 10.7 16.1



#50
Dimethylphthalate
Concen: 3.132 ng
RT: 14.051 min Scan# 1847
Delta R.T. -0.012 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

Tgt Ion:163 Resp: 215558
Ion Ratio Lower Upper
163 100
194 4.4 3.5 5.3
164 10.2 8.0 12.0

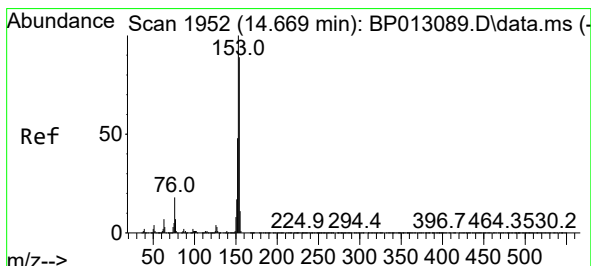
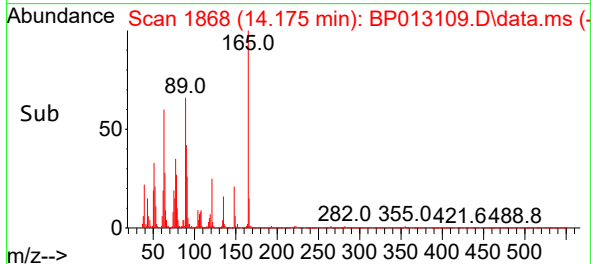
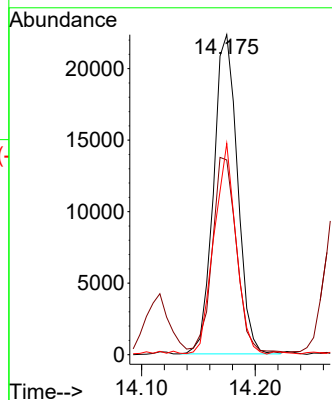
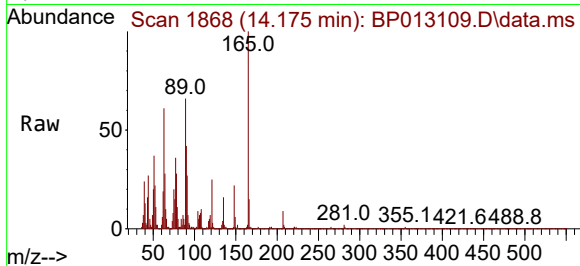




#51
2,6-Dinitrotoluene
Concen: 2.322 ng
RT: 14.175 min Scan# 1868
Delta R.T. -0.006 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

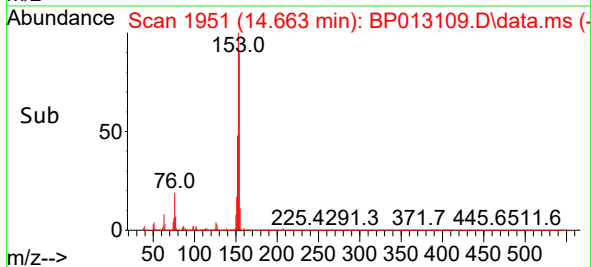
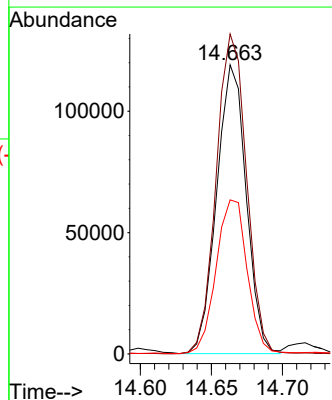
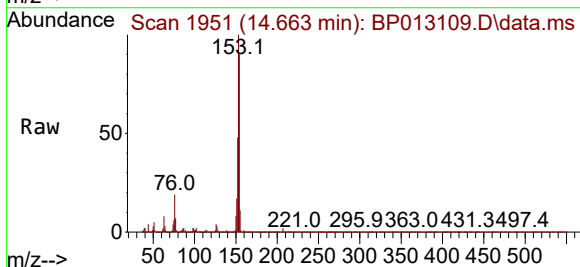
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2022

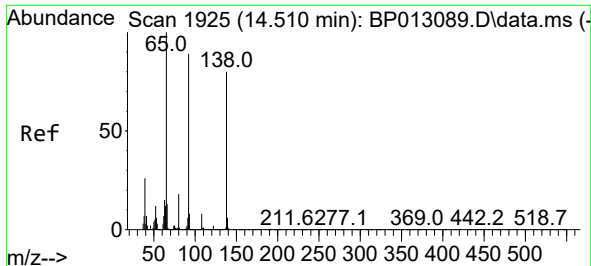
Tgt Ion:165 Resp: 32698
Ion Ratio Lower Upper
165 100
63 60.9 41.8 62.8
89 66.0 42.4 63.6#



#52
Acenaphthene
Concen: 3.190 ng
RT: 14.663 min Scan# 1951
Delta R.T. -0.006 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

Tgt Ion:154 Resp: 172464
Ion Ratio Lower Upper
154 100
153 110.7 90.0 135.0
152 53.3 43.0 64.6

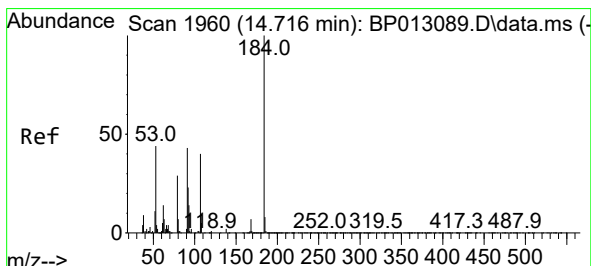
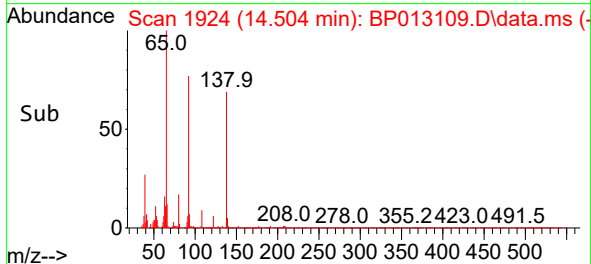
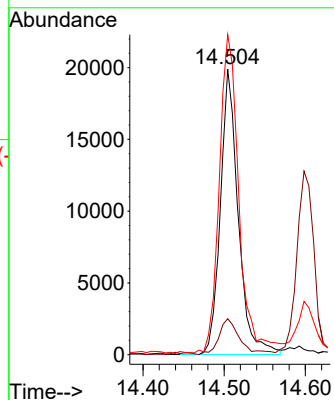
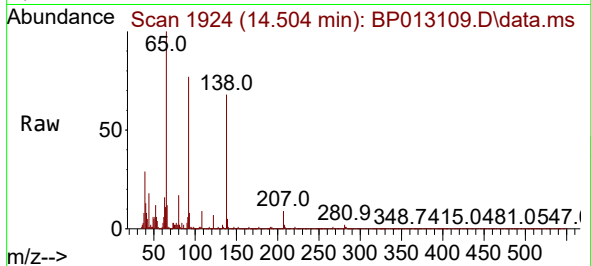




#53
3-Nitroaniline
Concen: 2.120 ng
RT: 14.504 min Scan# 1924
Delta R.T. -0.006 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

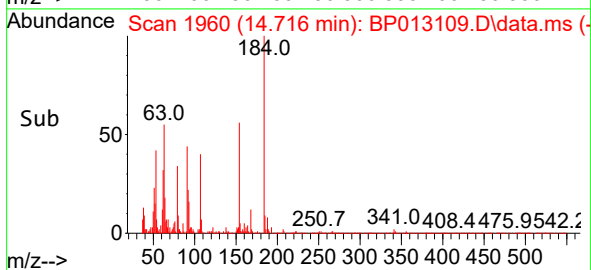
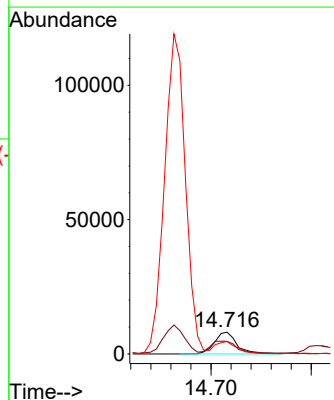
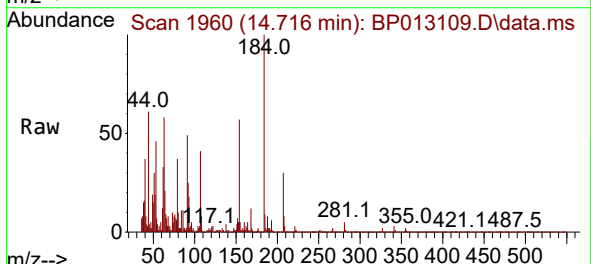
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2022

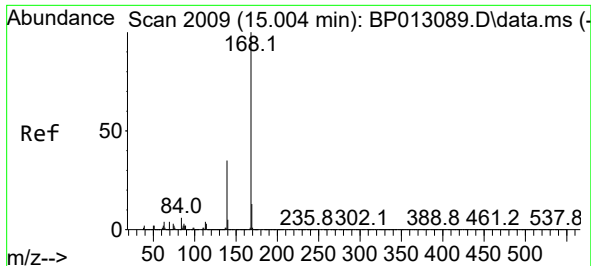
Tgt Ion:138 Resp: 30436
Ion Ratio Lower Upper
138 100
108 12.6 7.8 11.6#
92 112.1 89.2 133.8



#54
2,4-Dinitrophenol
Concen: 1.491 ng
RT: 14.716 min Scan# 1960
Delta R.T. 0.000 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

Tgt Ion:184 Resp: 12509
Ion Ratio Lower Upper
184 100
63 57.8 47.6 71.4
154 57.0 45.5 68.3

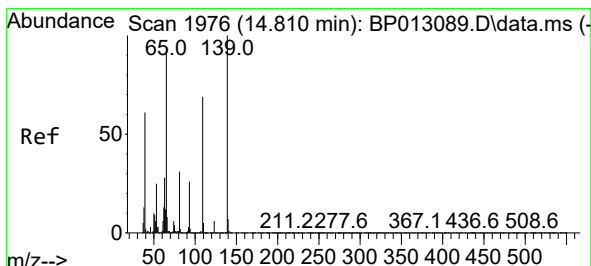
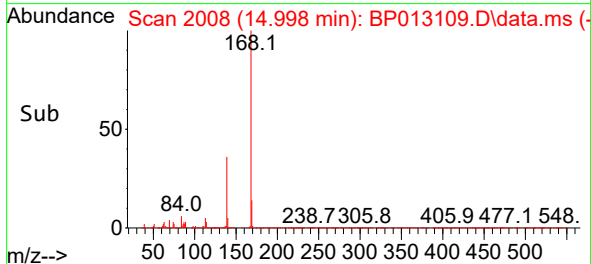
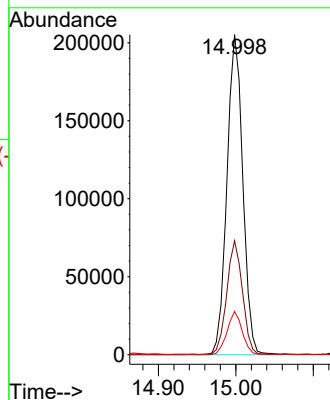
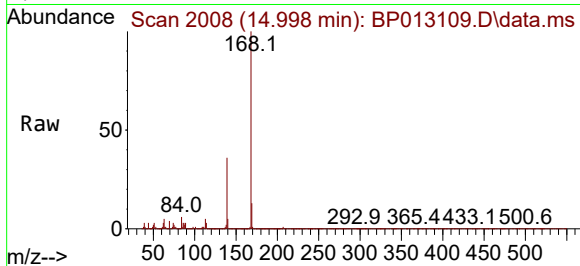




#55
Dibenzenofuran
Concen: 3.384 ng
RT: 14.998 min Scan# 2008
Delta R.T. -0.006 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

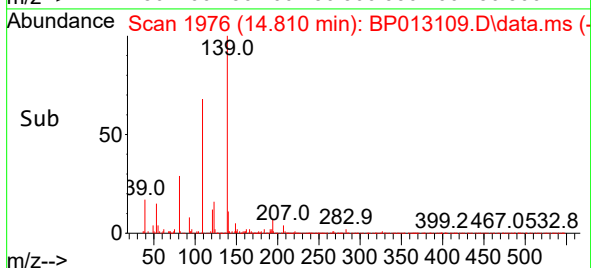
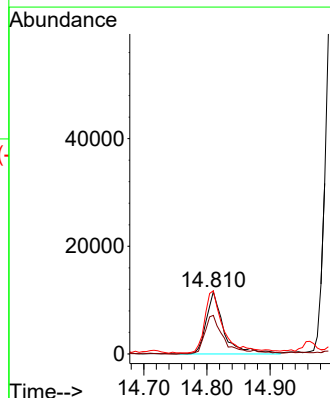
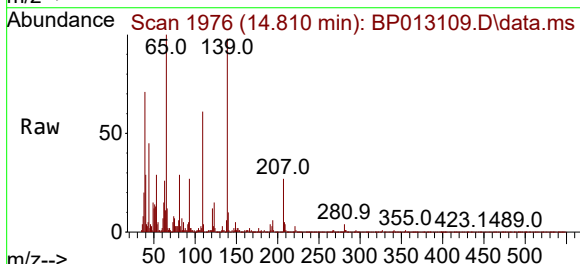
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT4-2022

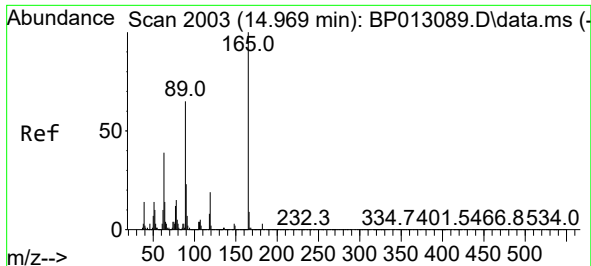
Tgt Ion:168 Resp: 292796
Ion Ratio Lower Upper
168 100
139 35.6 27.8 41.8
169 13.5 10.7 16.1



#56
4-Nitrophenol
Concen: 1.887 ng
RT: 14.810 min Scan# 1976
Delta R.T. 0.000 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

Tgt Ion:139 Resp: 22210
Ion Ratio Lower Upper
139 100
109 62.1 49.4 89.4
65 101.6 74.1 114.1

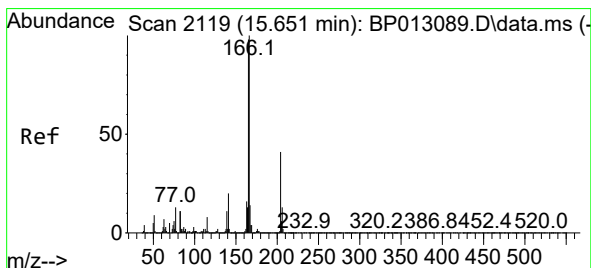
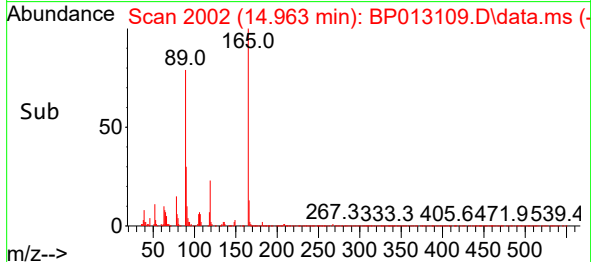
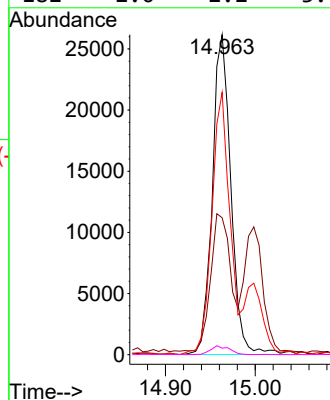
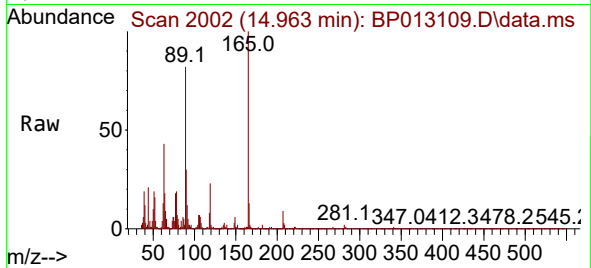




#57
2,4-Dinitrotoluene
Concen: 2.133 ng
RT: 14.963 min Scan# 20
Delta R.T. -0.006 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

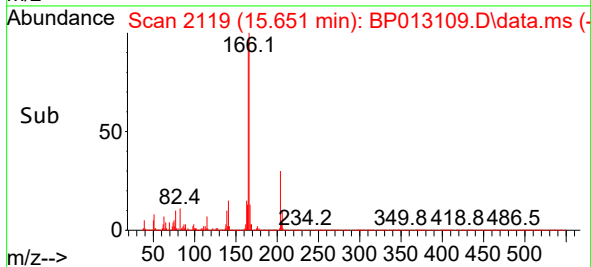
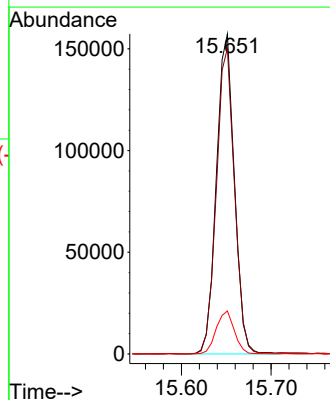
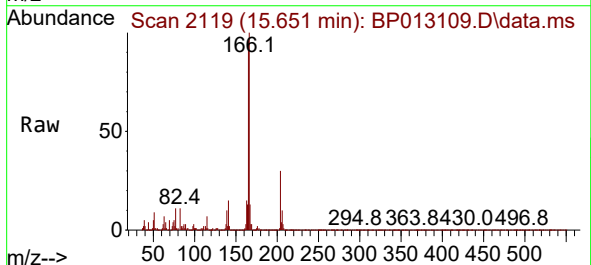
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2022

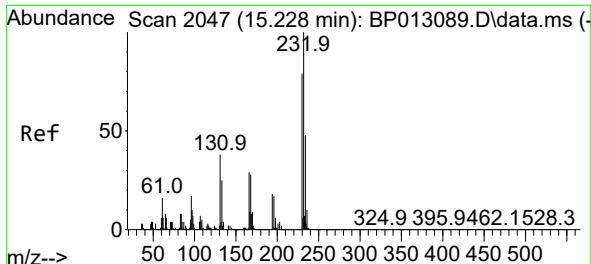
Tgt Ion:165 Resp: 37552
Ion Ratio Lower Upper
165 100
63 42.8 31.4 47.2
89 82.0 52.1 78.1#
182 2.0 2.2 3.4#



#58
Fluorene
Concen: 3.267 ng
RT: 15.651 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

Tgt Ion:166 Resp: 218760
Ion Ratio Lower Upper
166 100
165 95.6 78.2 117.4
167 13.5 11.2 16.8





#59

2,3,4,6-Tetrachlorophenol

Concen: 2.568 ng

RT: 15.145 min Scan# 2047

Delta R.T. -0.082 min

Lab File: BP013109.D

Acq: 14 Dec 2022 17:11

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT4-2022

Tgt Ion:232 Resp: 50203

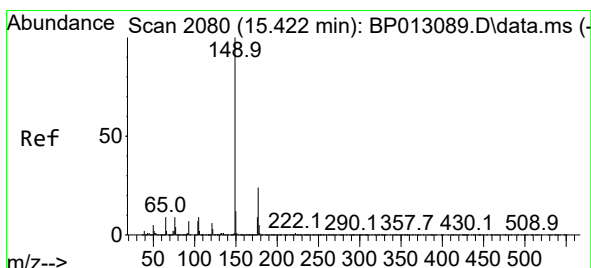
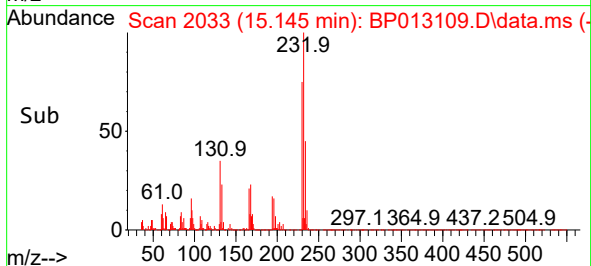
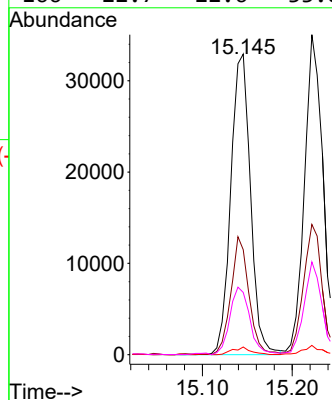
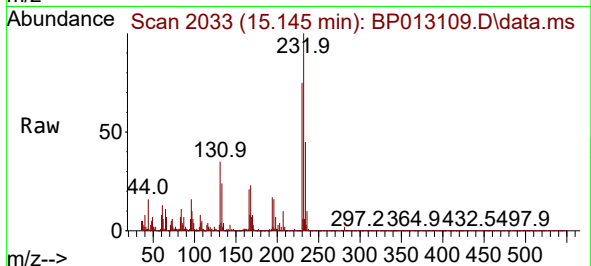
Ion Ratio Lower Upper

232 100

131 35.8 30.8 46.2

130 2.4 1.7 2.5

166 22.7 22.6 33.8



#60

Diethylphthalate

Concen: 3.057 ng

RT: 15.416 min Scan# 2079

Delta R.T. -0.006 min

Lab File: BP013109.D

Acq: 14 Dec 2022 17:11

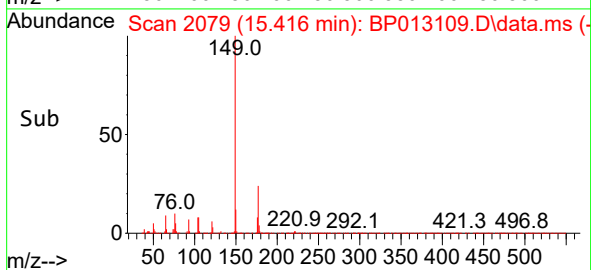
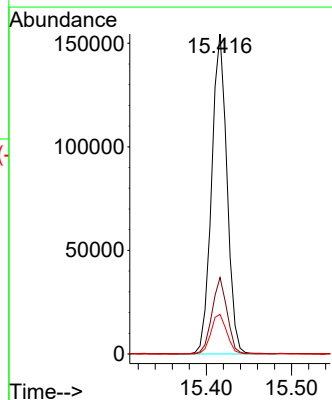
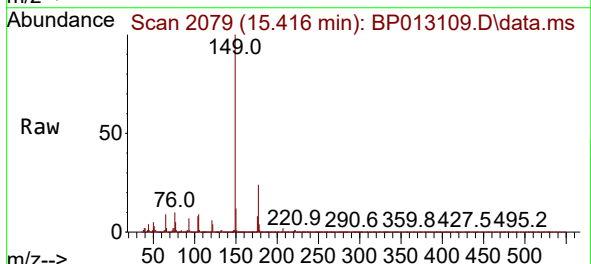
Tgt Ion:149 Resp: 193418

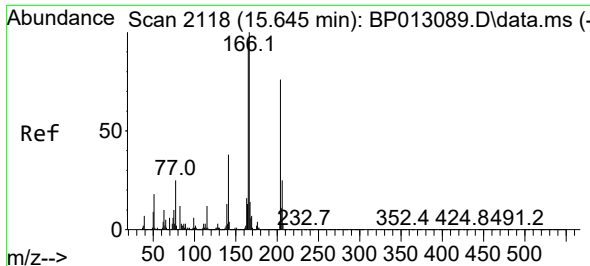
Ion Ratio Lower Upper

149 100

177 23.9 19.0 28.4

150 12.3 9.9 14.9

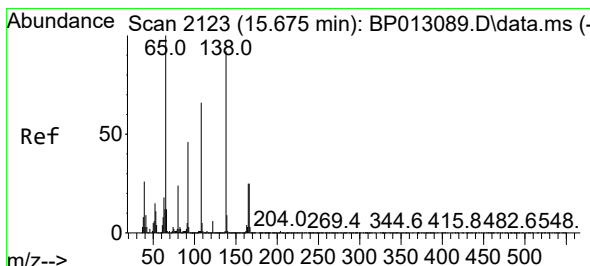
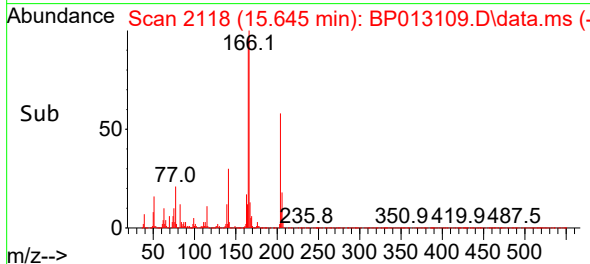
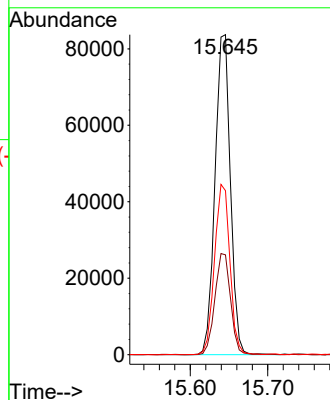
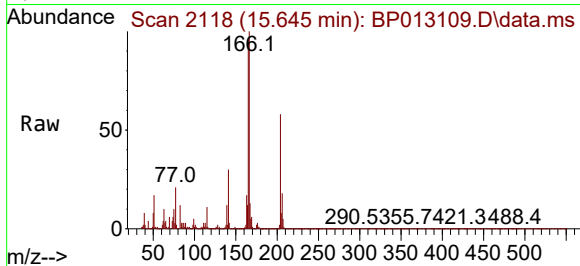




#61
4-Chlorophenyl-phenylether
Concen: 3.324 ng
RT: 15.645 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

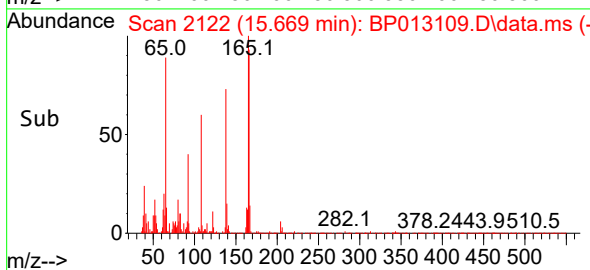
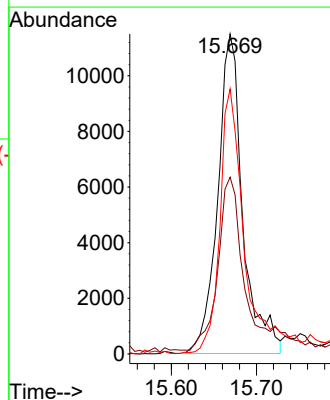
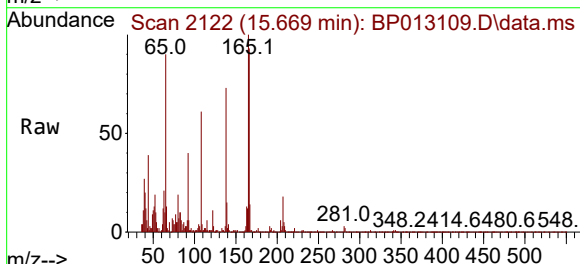
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2022

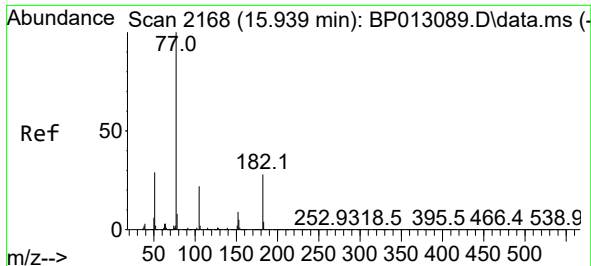
Tgt Ion:204 Resp: 115210
Ion Ratio Lower Upper
204 100
206 31.2 26.6 39.8
141 51.3 39.9 59.9



#62
4-Nitroaniline
Concen: 1.758 ng
RT: 15.669 min Scan# 2122
Delta R.T. -0.006 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

Tgt Ion:138 Resp: 23563
Ion Ratio Lower Upper
138 100
92 55.2 30.4 70.4
108 82.9 51.4 91.4

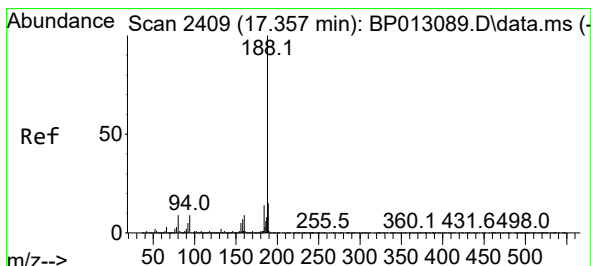
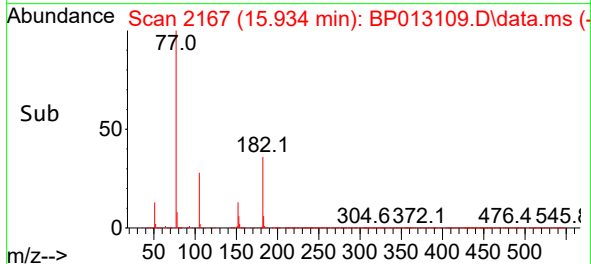
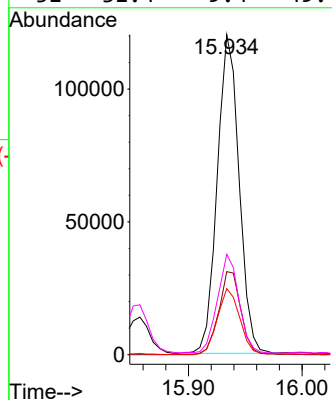
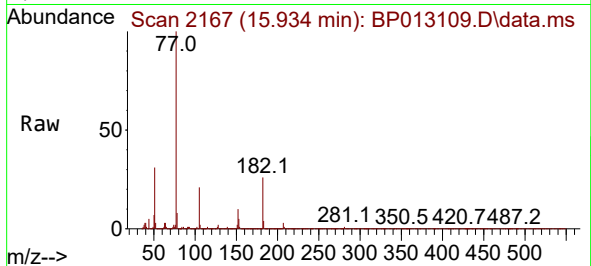




#63
Azobenzene
Concen: 2.728 ng
RT: 15.934 min Scan# 2168
Delta R.T. -0.006 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

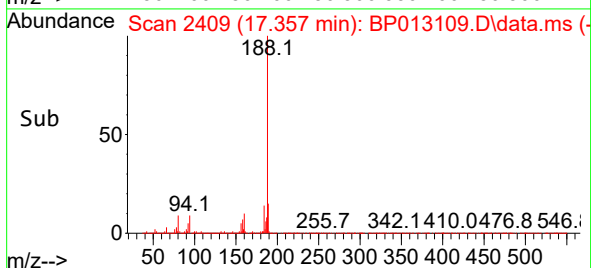
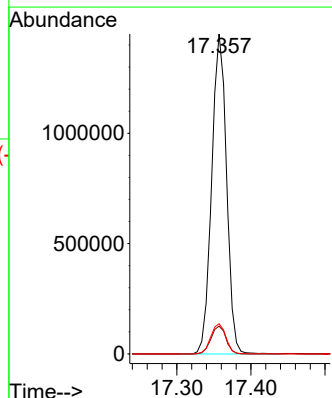
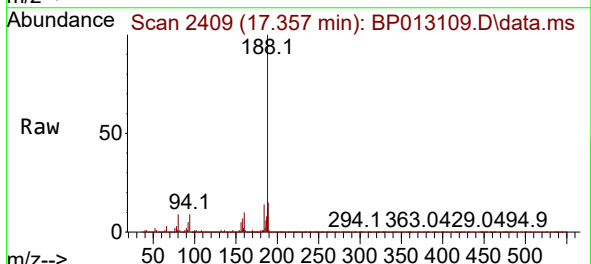
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2022

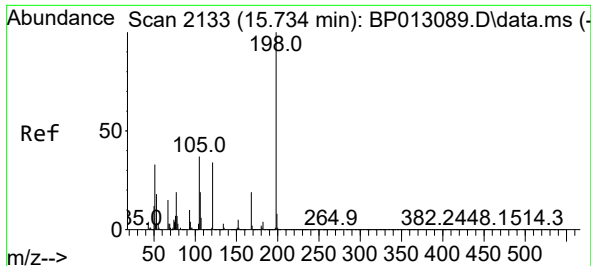
Tgt Ion: 77	Resp: 160383
Ion Ratio	Lower Upper
77 100	
182 25.9	8.3 48.3
105 20.6	1.6 41.6
51 31.4	9.4 49.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.357 min Scan# 2409
Delta R.T. 0.000 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

Tgt Ion:188	Resp: 2019564		
Ion Ratio	Lower	Upper	
188 100			
94 8.7	7.0	10.6	
80 9.5	7.5	11.3	

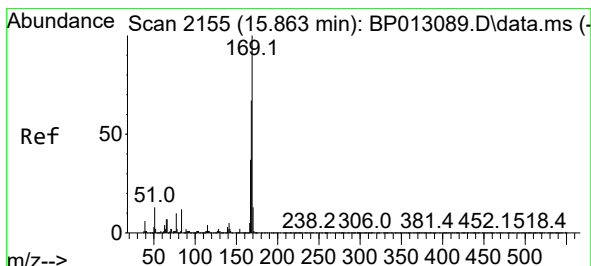
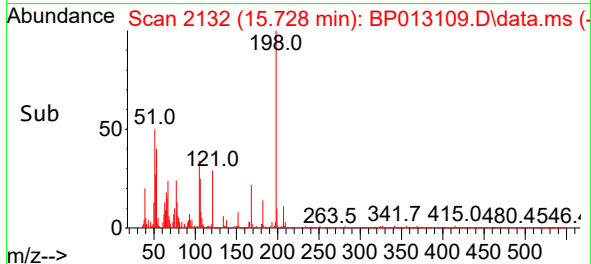
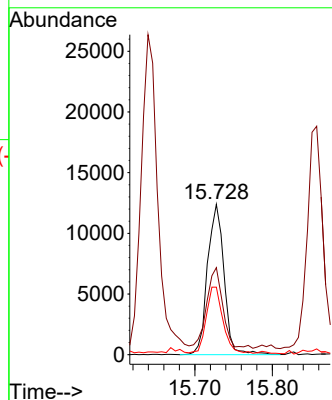
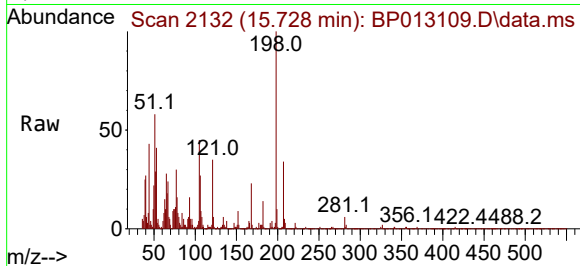




#65
4,6-Dinitro-2-methylphenol
Concen: 1.412 ng
RT: 15.728 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

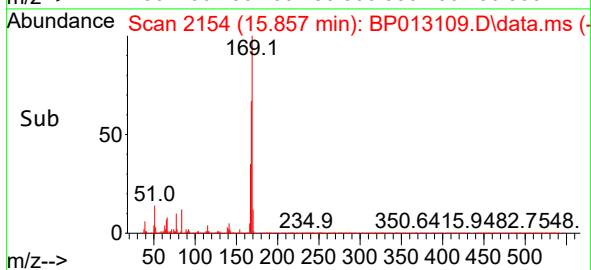
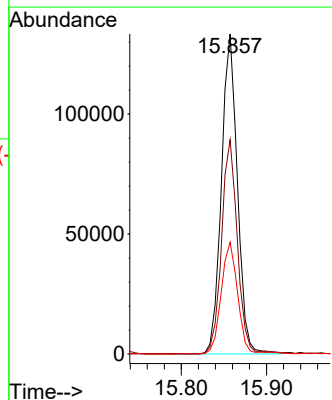
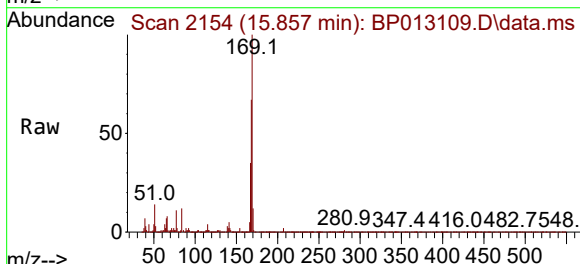
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2022

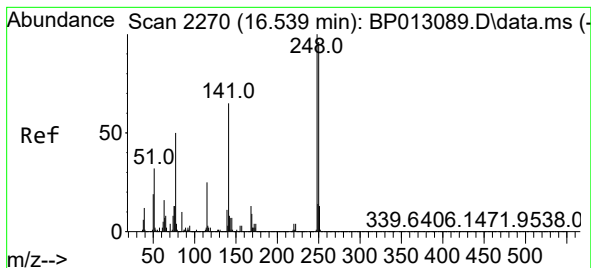
Tgt Ion:198 Resp: 18324
Ion Ratio Lower Upper
198 100
51 57.8 18.9 58.9
105 44.9 18.2 58.2



#66
n-Nitrosodiphenylamine
Concen: 2.750 ng
RT: 15.857 min Scan# 2154
Delta R.T. -0.006 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

Tgt Ion:169 Resp: 173412
Ion Ratio Lower Upper
169 100
168 67.0 53.4 80.2
167 34.9 29.4 44.0

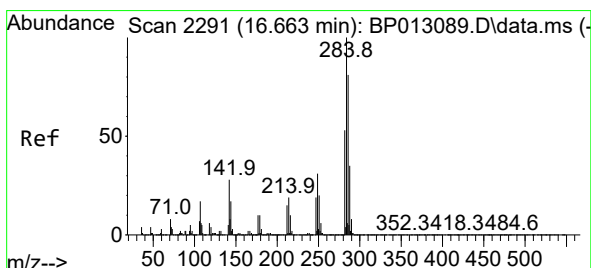
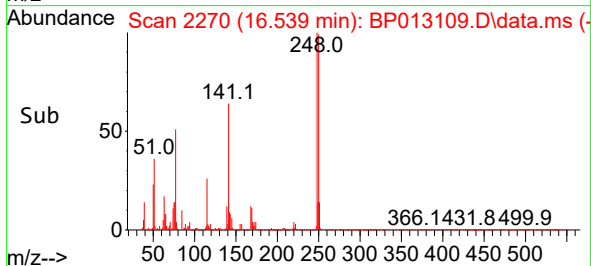
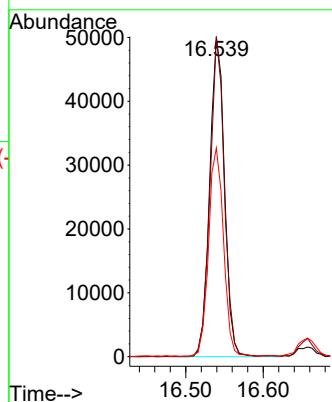
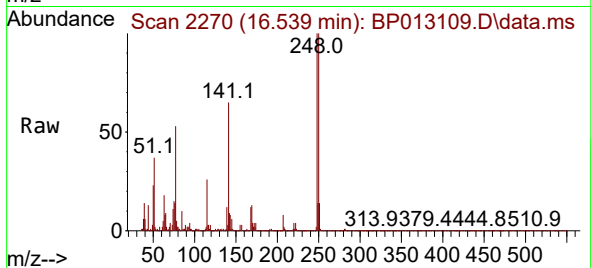




#67
4-Bromophenyl-phenylether
Concen: 2.779 ng
RT: 16.539 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

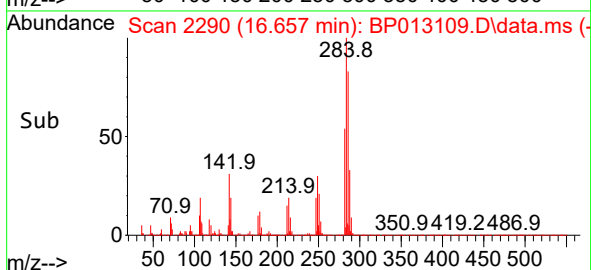
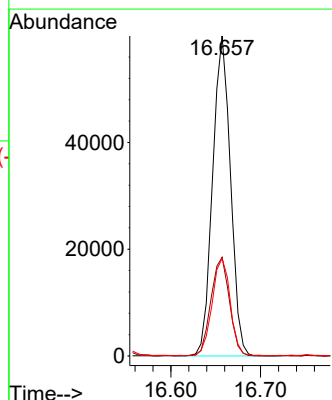
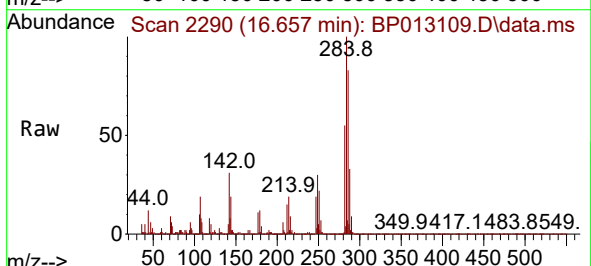
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2022

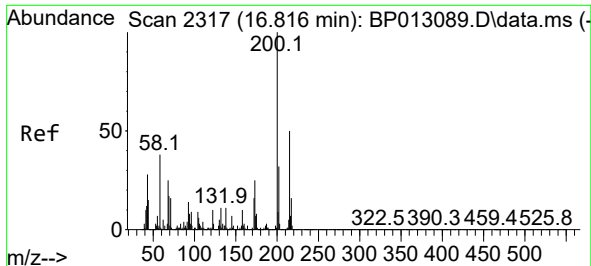
Tgt Ion:248 Resp: 66354
Ion Ratio Lower Upper
248 100
250 100.0 76.4 114.6
141 65.2 51.8 77.6



#68
Hexachlorobenzene
Concen: 2.964 ng
RT: 16.657 min Scan# 2290
Delta R.T. -0.006 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

Tgt Ion:284 Resp: 82878
Ion Ratio Lower Upper
284 100
142 30.9 22.6 34.0
249 30.5 24.5 36.7

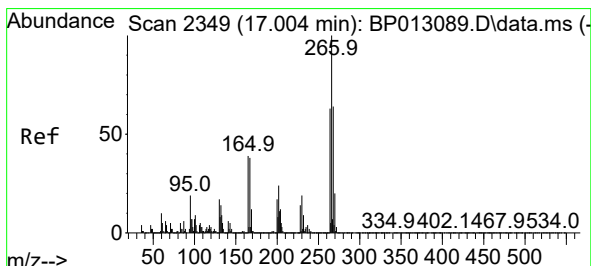
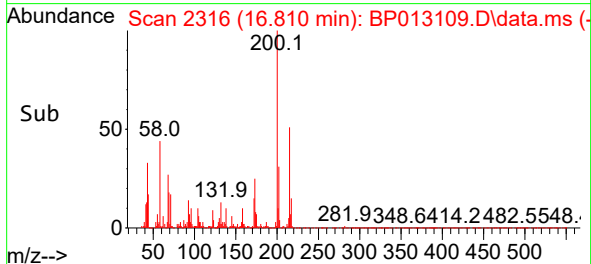
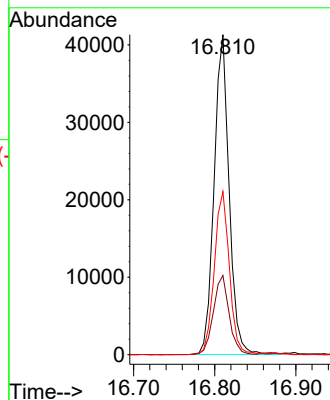
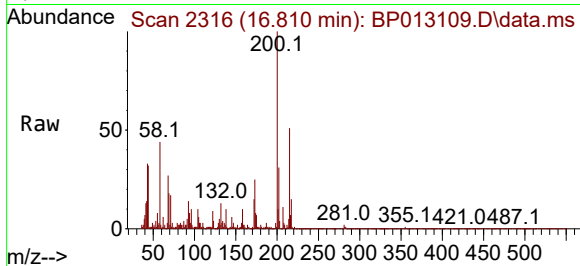




#69
Atrazine
Concen: 3.001 ng
RT: 16.810 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

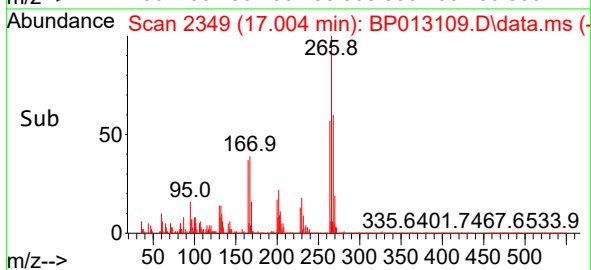
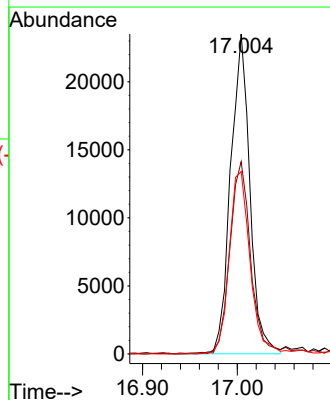
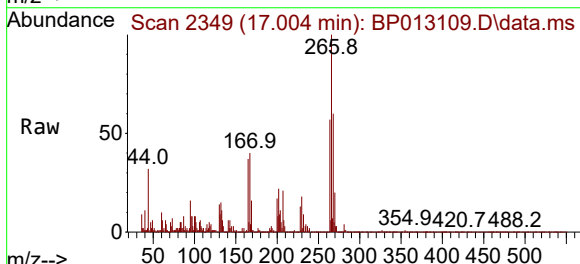
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2022

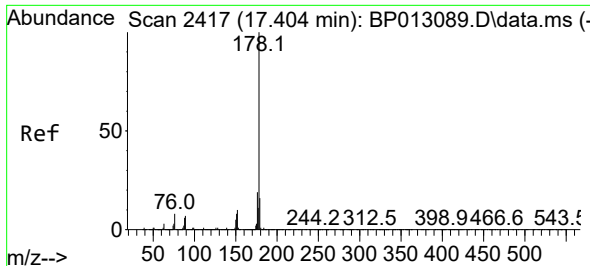
Tgt Ion:200 Resp: 53087
Ion Ratio Lower Upper
200 100
173 24.8 4.7 44.7
215 51.0 29.5 69.5



#70
Pentachlorophenol
Concen: 2.010 ng
RT: 17.004 min Scan# 2349
Delta R.T. 0.000 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

Tgt Ion:266 Resp: 33090
Ion Ratio Lower Upper
266 100
268 60.1 50.9 76.3
264 57.0 50.6 76.0

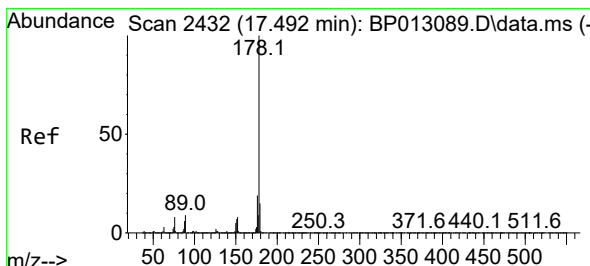
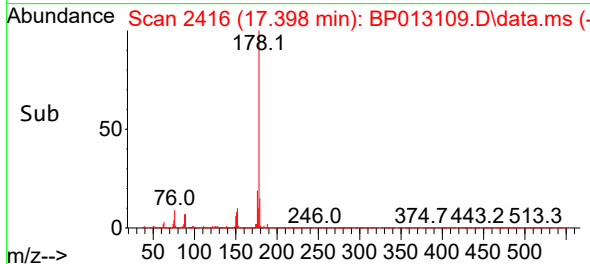
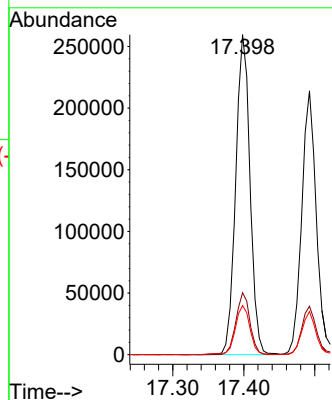
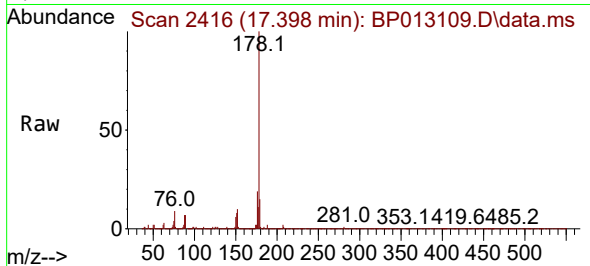




#71
Phenanthrene
Concen: 3.168 ng
RT: 17.398 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

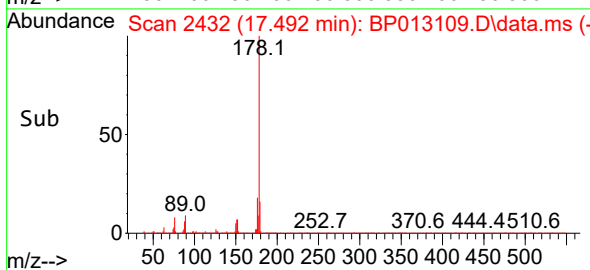
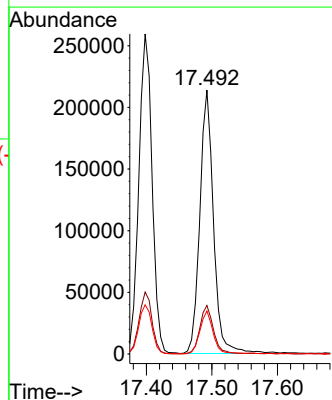
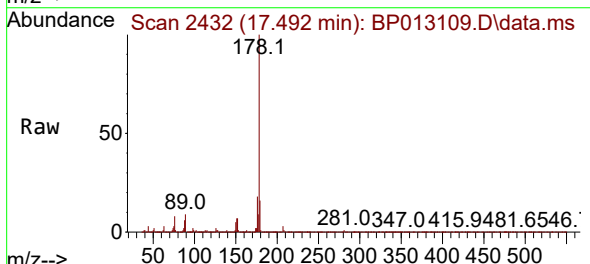
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2022

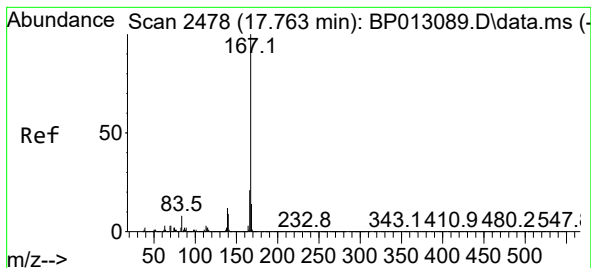
Tgt Ion:178 Resp: 364105
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.4 12.6 18.8



#72
Anthracene
Concen: 2.885 ng
RT: 17.492 min Scan# 2432
Delta R.T. 0.000 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

Tgt Ion:178 Resp: 311284
Ion Ratio Lower Upper
178 100
176 18.4 14.8 22.2
179 16.3 12.4 18.6





#73

Carbazole

Concen: 2.859 ng

RT: 17.763 min Scan# 2478

Delta R.T. 0.000 min

Lab File: BP013109.D

Acq: 14 Dec 2022 17:11

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT4-2022

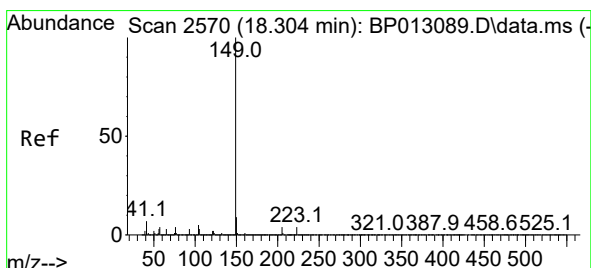
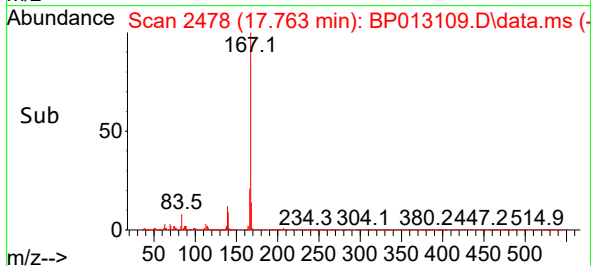
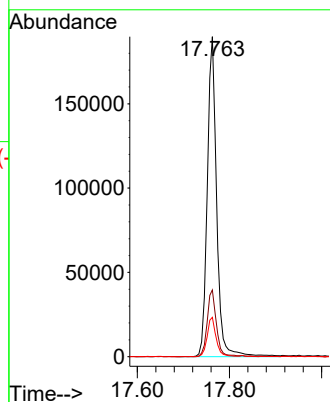
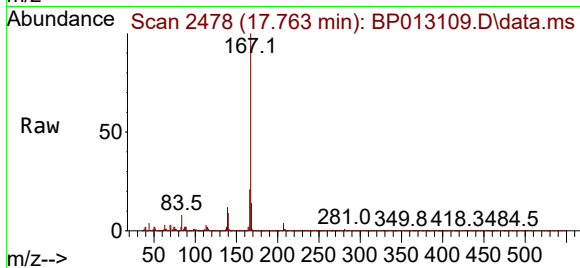
Tgt Ion:167 Resp: 270362

Ion Ratio Lower Upper

167 100

166 20.8 17.1 25.7

139 12.3 9.7 14.5



#74

Di-n-butylphthalate

Concen: 2.421 ng

RT: 18.304 min Scan# 2570

Delta R.T. 0.000 min

Lab File: BP013109.D

Acq: 14 Dec 2022 17:11

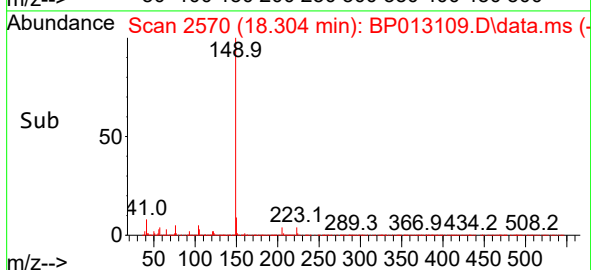
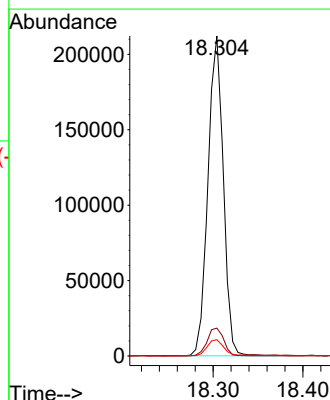
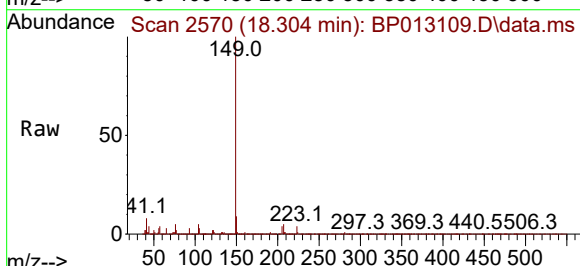
Tgt Ion:149 Resp: 251835

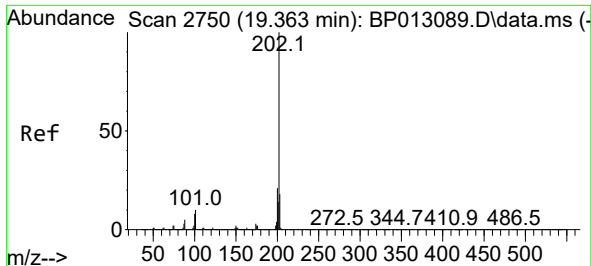
Ion Ratio Lower Upper

149 100

150 8.7 7.4 11.2

104 5.1 3.8 5.6

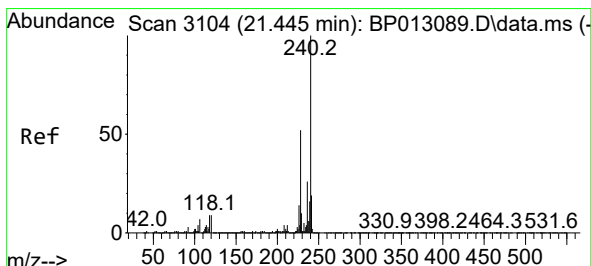
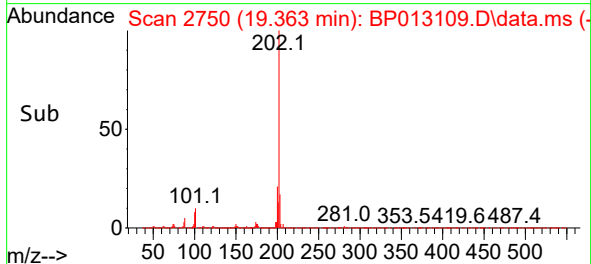
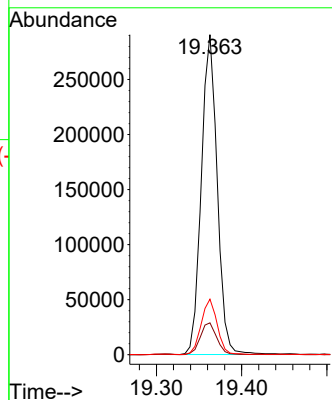
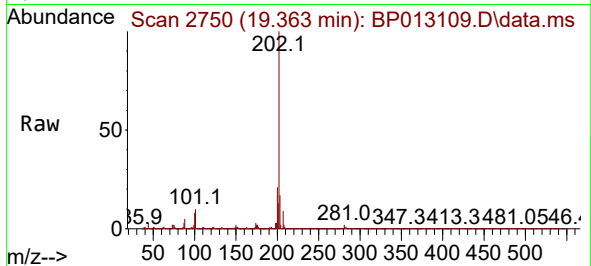




#75
Fluoranthene
Concen: 3.050 ng
RT: 19.363 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

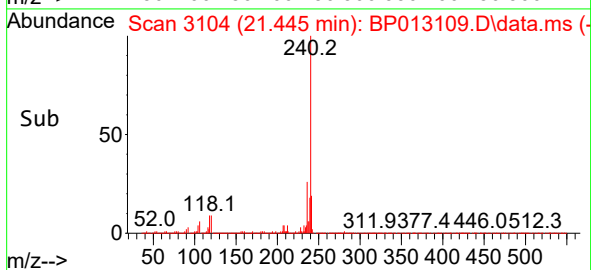
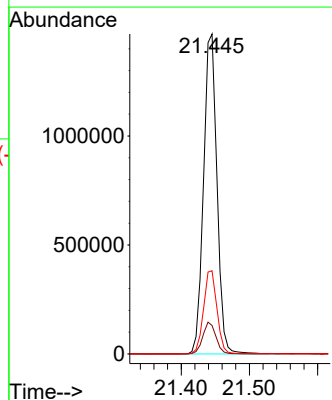
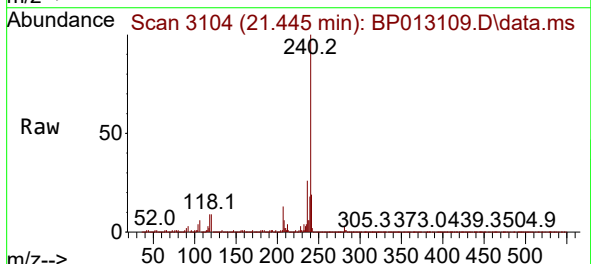
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2022

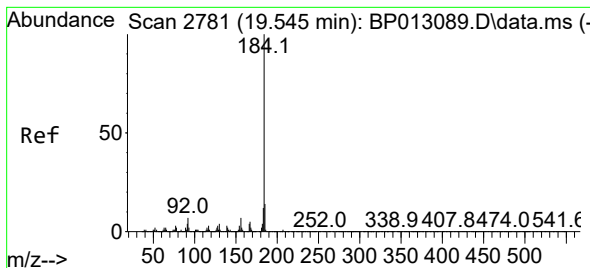
Tgt Ion:202 Resp: 377210
Ion Ratio Lower Upper
202 100
101 9.9 0.0 30.0
203 17.3 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.445 min Scan# 3104
Delta R.T. 0.000 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

Tgt Ion:240 Resp: 2013504
Ion Ratio Lower Upper
240 100
120 8.9 7.4 11.2
236 26.0 21.0 31.4





#77

Benzidine

Concen: 3.343 ng

RT: 19.539 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP013109.D

Acq: 14 Dec 2022 17:11

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT4-2022

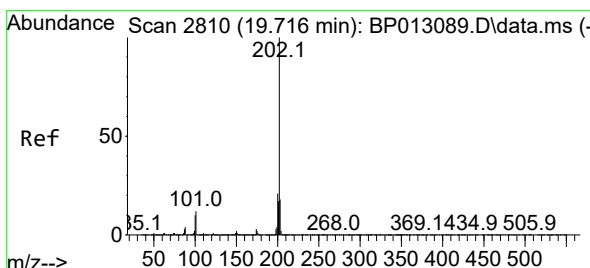
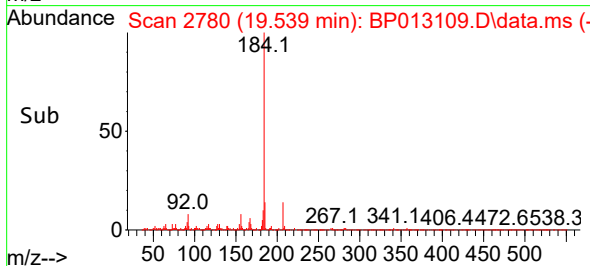
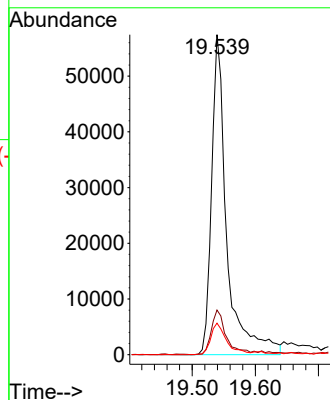
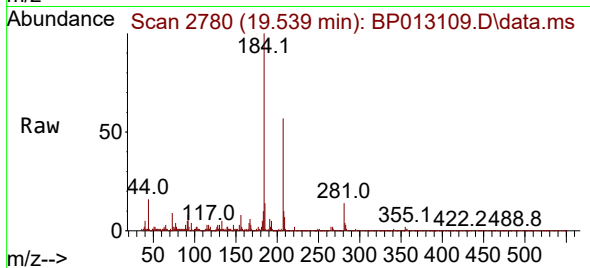
Tgt Ion:184 Resp: 95622

Ion Ratio Lower Upper

184 100

185 14.0 11.6 17.4

183 9.9 9.4 14.0



#78

Pyrene

Concen: 2.780 ng

RT: 19.716 min Scan# 2810

Delta R.T. 0.000 min

Lab File: BP013109.D

Acq: 14 Dec 2022 17:11

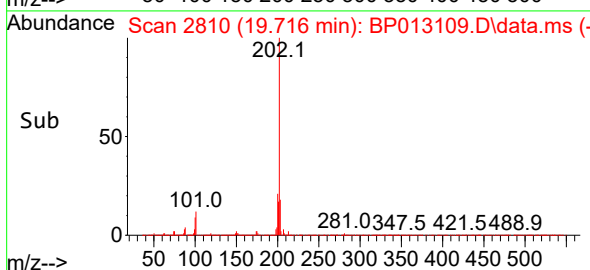
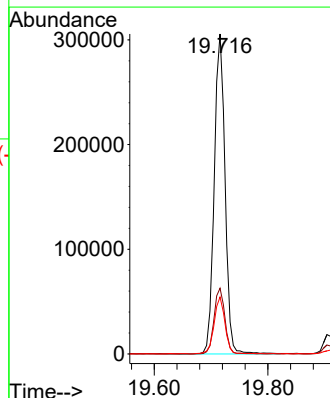
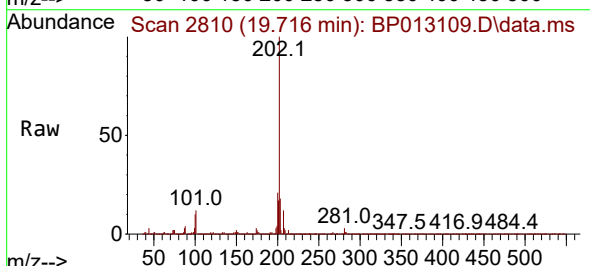
Tgt Ion:202 Resp: 402198

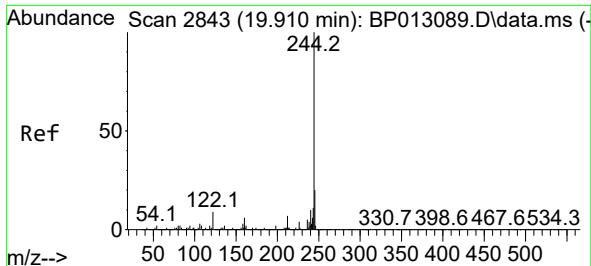
Ion Ratio Lower Upper

202 100

200 20.6 17.0 25.4

203 17.8 14.2 21.2

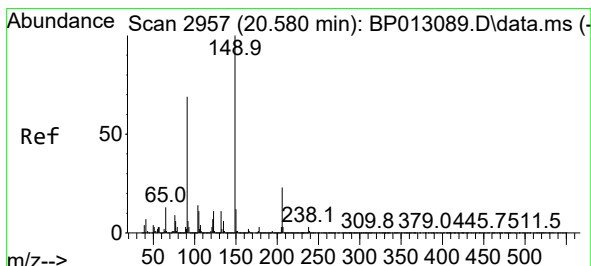
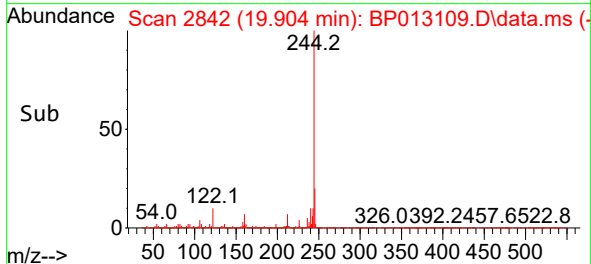
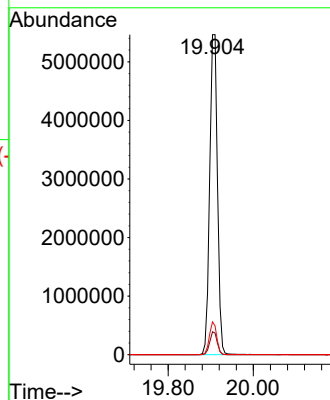
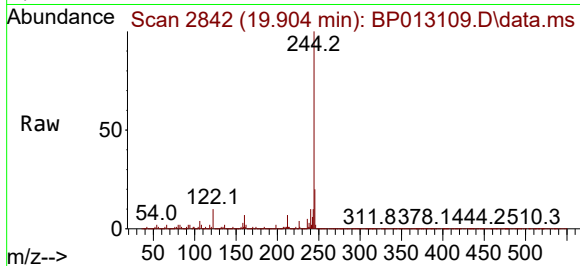




#79
 Terphenyl-d14
 Concen: 67.551 ng
 RT: 19.904 min Scan# 2843
 Delta R.T. -0.006 min
 Lab File: BP013109.D
 Acq: 14 Dec 2022 17:11

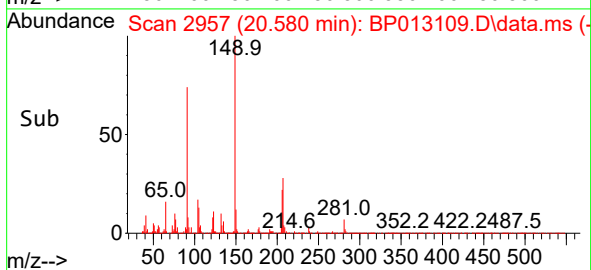
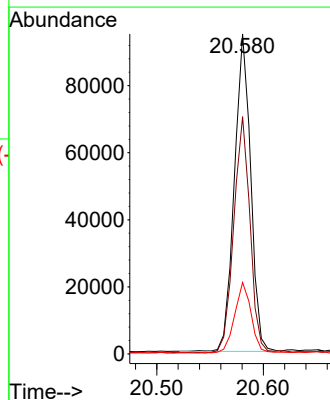
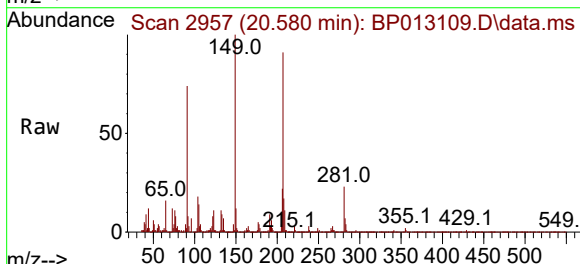
Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-03-QT4-2022

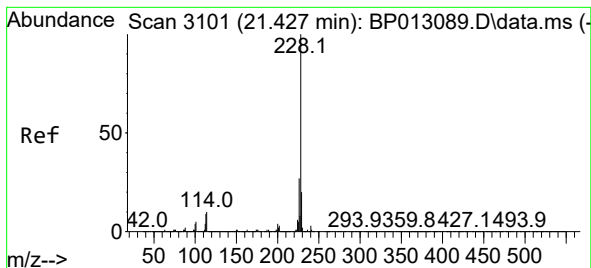
Tgt Ion:244 Resp: 6894223
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.5 8.3
 122 10.3 7.2 10.8



#80
 Butylbenzylphthalate
 Concen: 2.145 ng
 RT: 20.580 min Scan# 2957
 Delta R.T. 0.000 min
 Lab File: BP013109.D
 Acq: 14 Dec 2022 17:11

Tgt Ion:149 Resp: 100599
 Ion Ratio Lower Upper
 149 100
 91 74.2 55.2 82.8
 206 22.4 18.3 27.5





#81

Benzo(a)anthracene

Concen: 3.085 ng

RT: 21.427 min Scan# 3101

Delta R.T. 0.000 min

Lab File: BP013109.D

Acq: 14 Dec 2022 17:11

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT4-2022

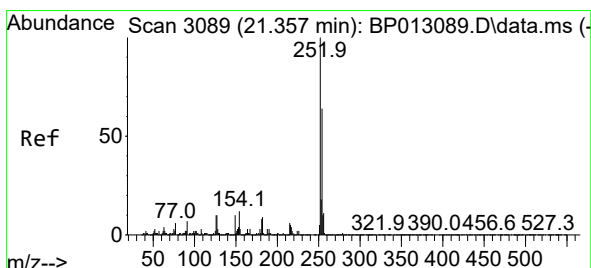
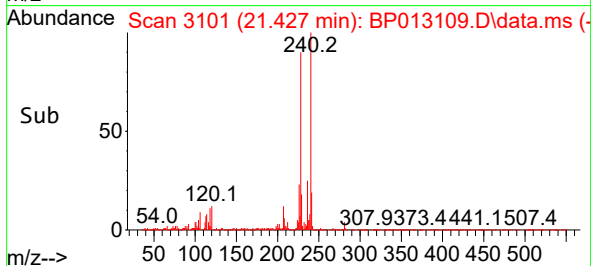
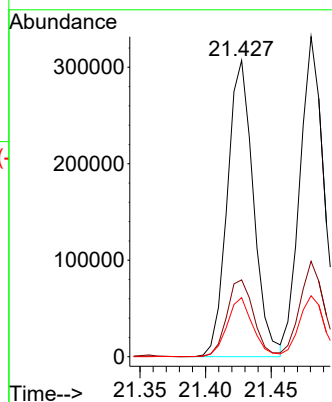
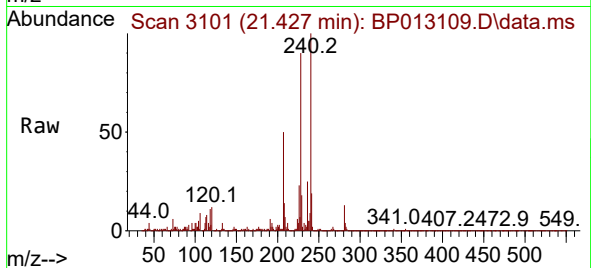
Tgt Ion:228 Resp: 424632

Ion Ratio Lower Upper

228 100

226 25.9 22.0 33.0

229 19.9 16.2 24.4



#82

3,3'-Dichlorobenzidine

Concen: 2.938 ng

RT: 21.357 min Scan# 3089

Delta R.T. 0.000 min

Lab File: BP013109.D

Acq: 14 Dec 2022 17:11

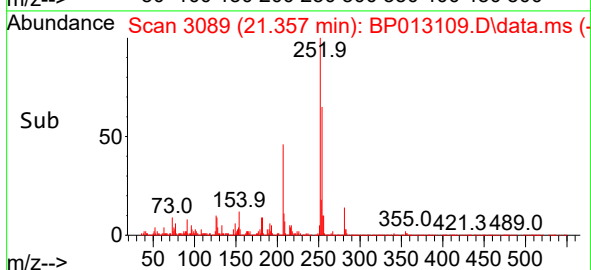
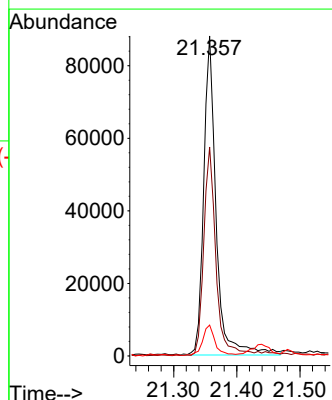
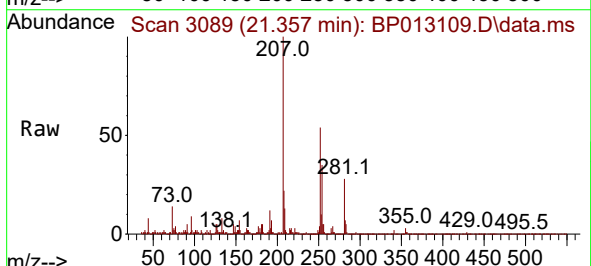
Tgt Ion:252 Resp: 120388

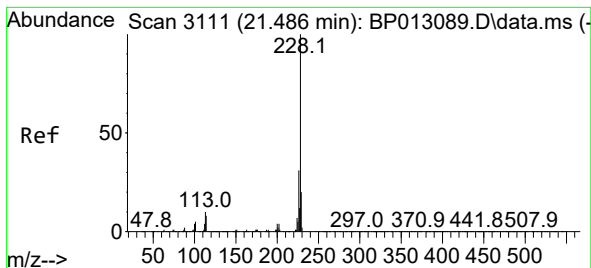
Ion Ratio Lower Upper

252 100

254 65.3 51.0 76.4

126 9.7 7.8 11.8





#83

Chrysene

Concen: 3.171 ng

RT: 21.480 min Scan# 3111

Delta R.T. -0.006 min

Lab File: BP013109.D

Acq: 14 Dec 2022 17:11

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT4-2022

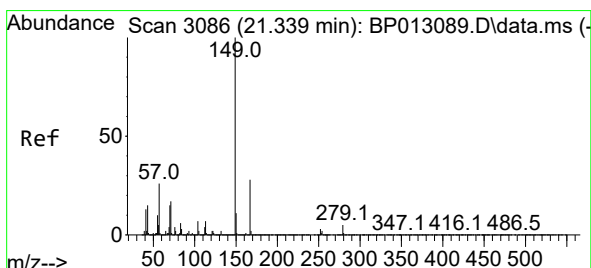
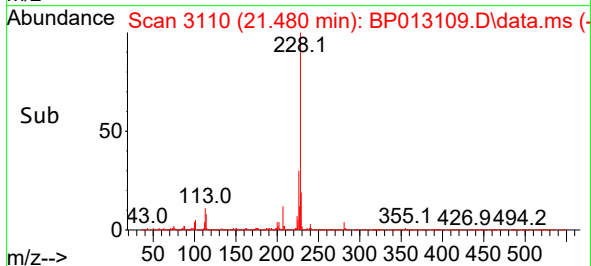
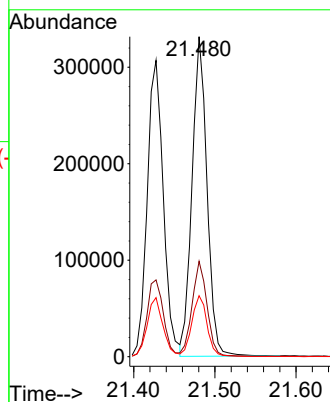
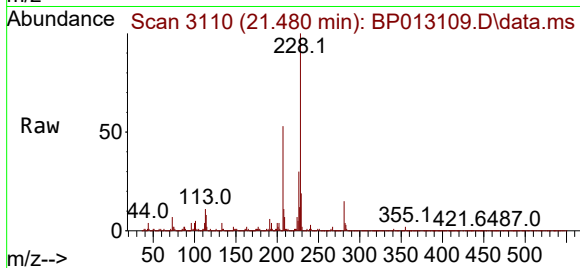
Tgt Ion:228 Resp: 425705

Ion Ratio Lower Upper

228 100

226 29.8 24.3 36.5

229 19.1 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.228 ng

RT: 21.339 min Scan# 3086

Delta R.T. 0.000 min

Lab File: BP013109.D

Acq: 14 Dec 2022 17:11

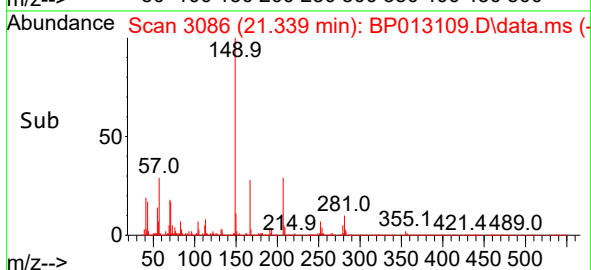
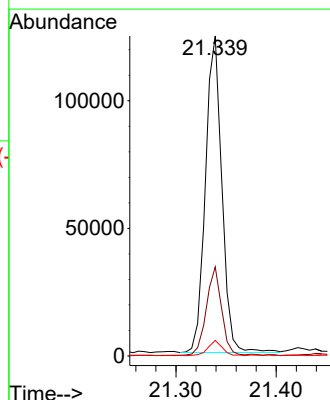
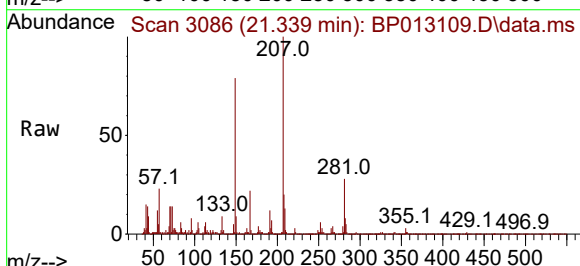
Tgt Ion:149 Resp: 142165

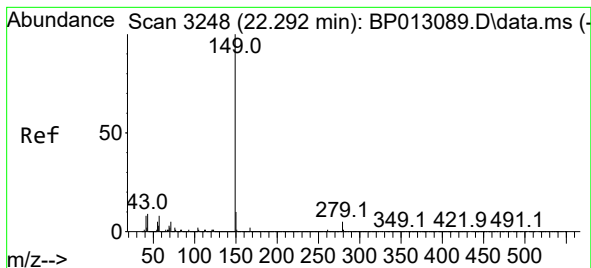
Ion Ratio Lower Upper

149 100

167 27.8 22.6 34.0

279 4.9 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 2.080 ng

RT: 22.292 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP013109.D

Acq: 14 Dec 2022 17:11

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT4-2022

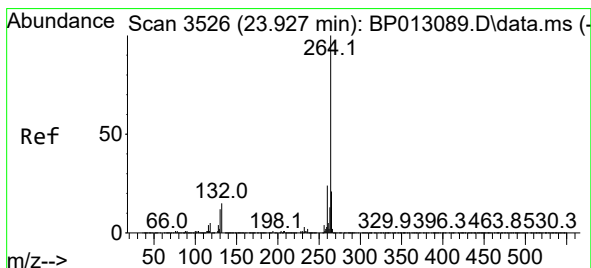
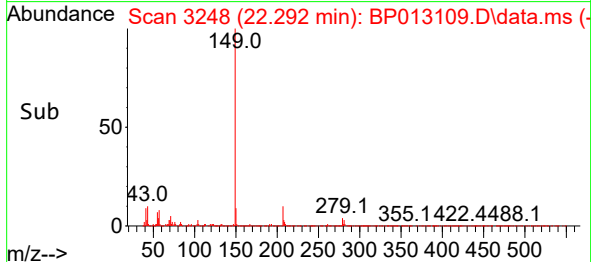
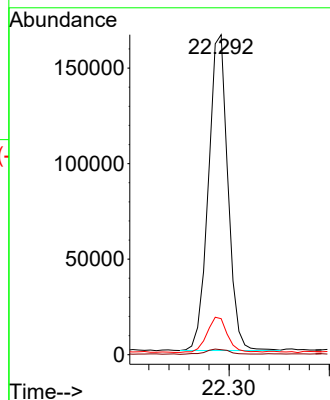
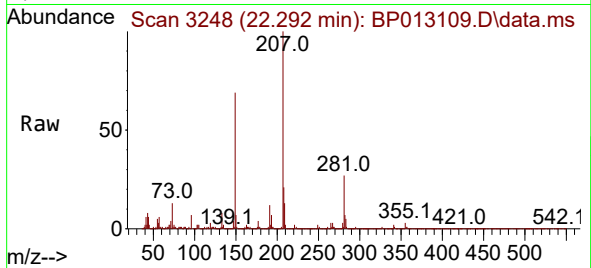
Tgt Ion:149 Resp: 222856

Ion Ratio Lower Upper

149 100

167 2.0 1.3 1.9#

43 11.8 7.8 11.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.927 min Scan# 3526

Delta R.T. 0.000 min

Lab File: BP013109.D

Acq: 14 Dec 2022 17:11

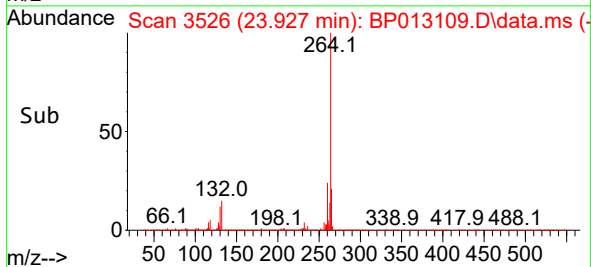
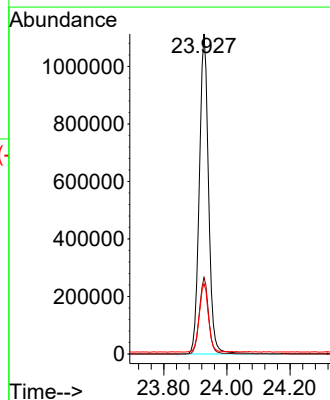
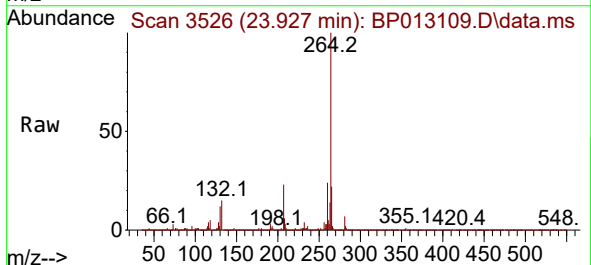
Tgt Ion:264 Resp: 2257399

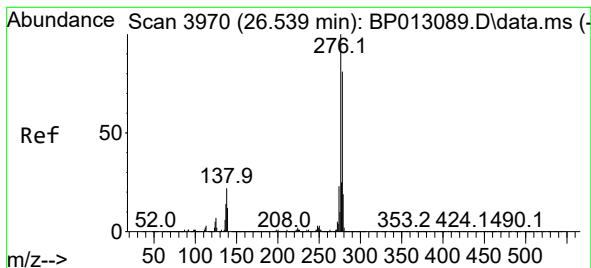
Ion Ratio Lower Upper

264 100

260 23.9 19.1 28.7

265 22.0 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 2.638 ng

RT: 26.521 min Scan# 3967

Delta R.T. -0.018 min

Lab File: BP013109.D

Acq: 14 Dec 2022 17:11

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT4-2022

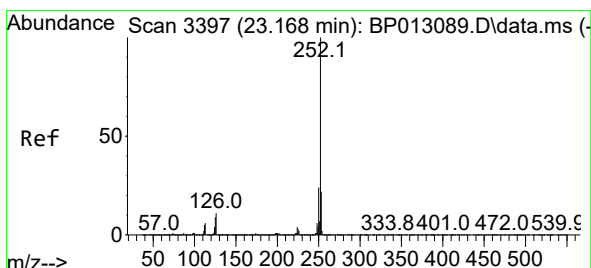
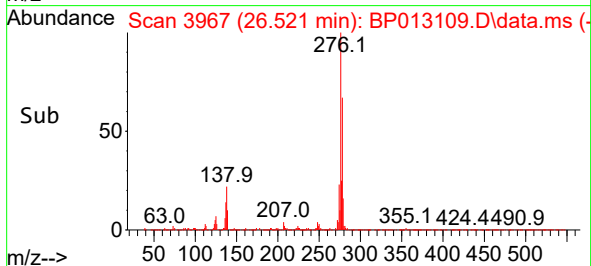
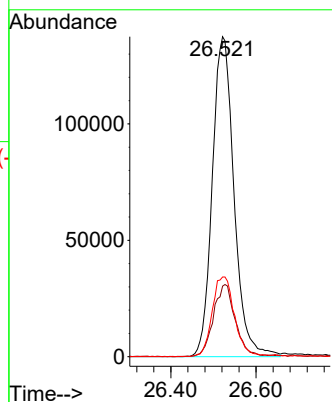
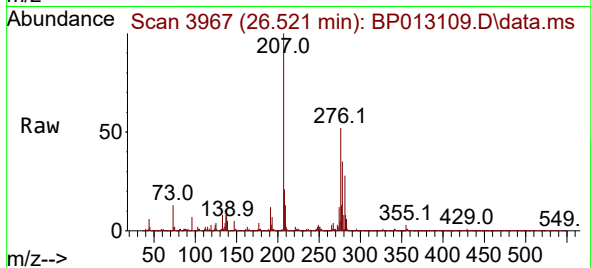
Tgt Ion:276 Resp: 486578

Ion Ratio Lower Upper

276 100

138 22.4 17.3 25.9

277 25.4 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 2.909 ng

RT: 23.163 min Scan# 3396

Delta R.T. -0.006 min

Lab File: BP013109.D

Acq: 14 Dec 2022 17:11

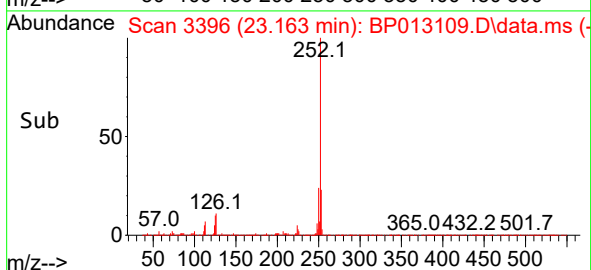
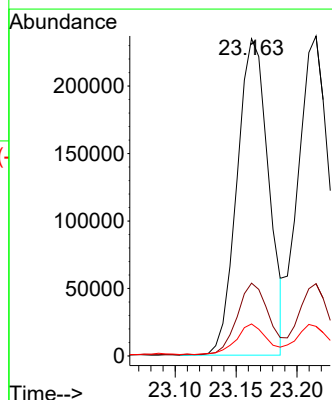
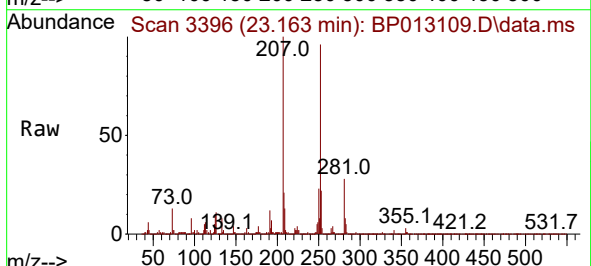
Tgt Ion:252 Resp: 422757

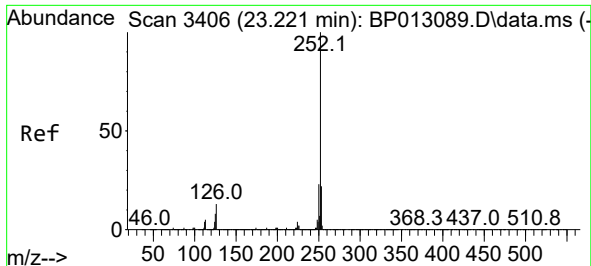
Ion Ratio Lower Upper

252 100

253 23.0 17.8 26.6

125 10.1 7.0 10.4

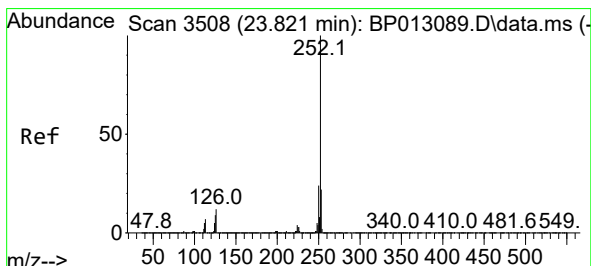
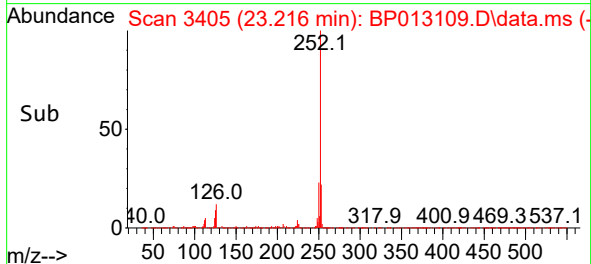
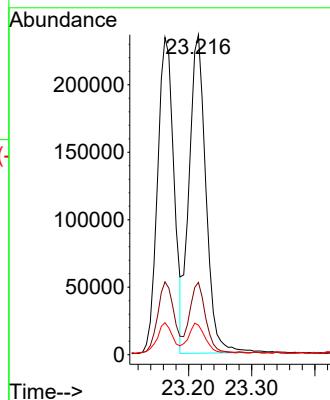
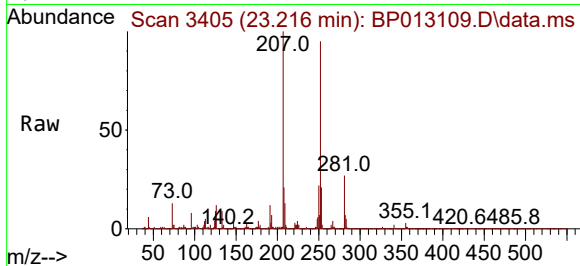




#89
Benzo(k)fluoranthene
Concen: 2.973 ng
RT: 23.216 min Scan# 3406
Delta R.T. -0.006 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

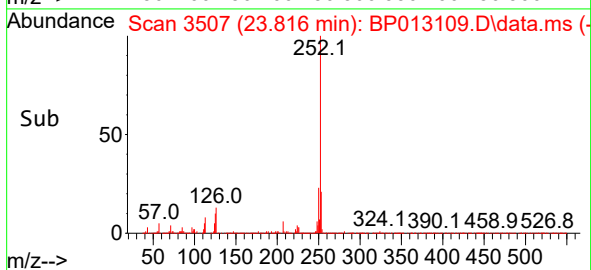
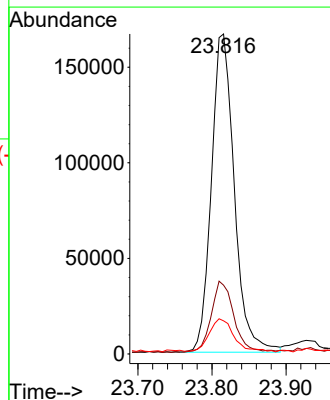
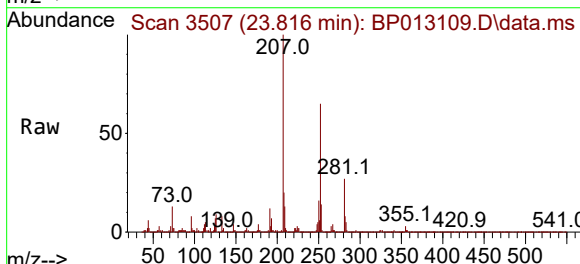
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT4-2022

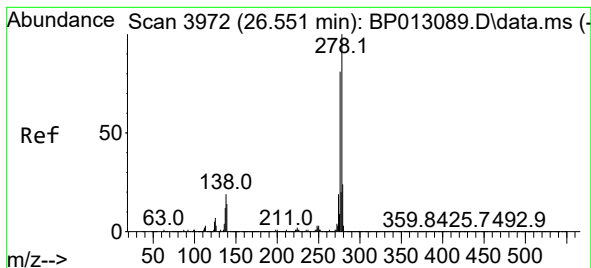
Tgt Ion:252 Resp: 437191
Ion Ratio Lower Upper
252 100
253 22.6 17.6 26.4
125 9.3 6.7 10.1



#90
Benzo(a)pyrene
Concen: 2.936 ng
RT: 23.816 min Scan# 3507
Delta R.T. -0.006 min
Lab File: BP013109.D
Acq: 14 Dec 2022 17:11

Tgt Ion:252 Resp: 358135
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 10.4 7.4 11.2





#91

Dibenzo(a,h)anthracene

Concen: 2.771 ng

RT: 26.539 min Scan# 3970

Delta R.T. -0.012 min

Lab File: BP013109.D

Acq: 14 Dec 2022 17:11

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT4-2022

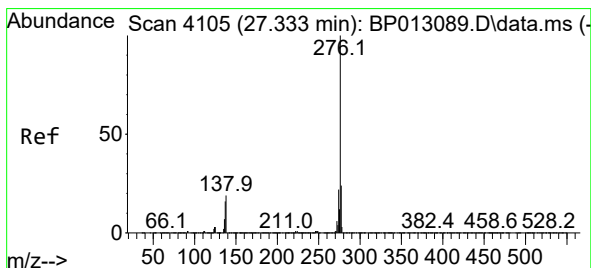
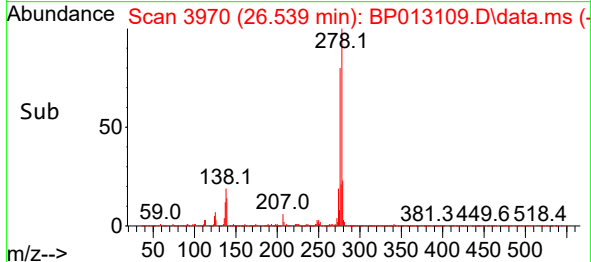
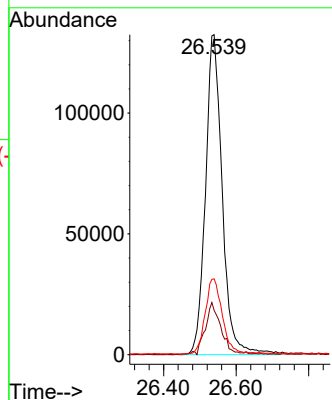
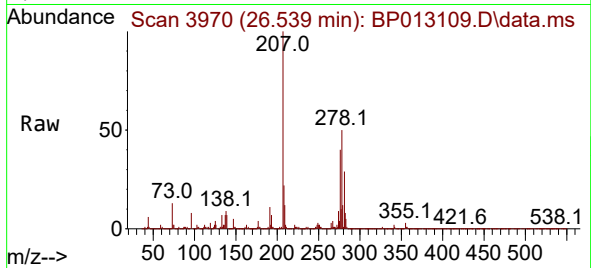
Tgt Ion:278 Resp: 424844

Ion Ratio Lower Upper

278 100

139 13.9 11.0 16.6

279 23.7 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 2.782 ng

RT: 27.321 min Scan# 4103

Delta R.T. -0.012 min

Lab File: BP013109.D

Acq: 14 Dec 2022 17:11

Tgt Ion:276 Resp: 422491

Ion Ratio Lower Upper

276 100

277 24.5 18.9 28.3

138 20.3 15.0 22.6

